

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084501.D
 Acq On : 15 Jan 2016 20:02
 Operator : SJ/UM
 Sample : H1127-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLAYMSD

Quant Time: Jan 16 02:55:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	265423	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1115863	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	510793	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	870545	20.00	ng	0.00
75) Chrysene-d12	13.99	240	577490	20.00	ng	0.00
86) Perylene-d12	15.40	264	556239	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1792189	109.21	ng	0.01
7) Phenol-d6	6.48	99	2412765	117.07	ng	0.01
23) Nitrobenzene-d5	7.39	82	1449265	72.28	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	539698	104.66	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2490390	85.83	ng	0.00
78) Terphenyl-d14	12.93	244	1967909	76.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	259728	33.41	ng	# 76
3) Pyridine	3.18	79	657878	30.35	ng	# 79
4) n-Nitrosodimethylamine	3.13	42	353701	31.79	ng	92
6) Aniline	6.49	93	458259	15.20	ng	# 1
8) 2-Chlorophenol	6.61	128	738290	39.66	ng	97
9) Benzaldehyde	6.36	77	110103	8.20	ng	92
10) Phenol	6.49	94	1000642	42.70	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	719135	39.62	ng	93
12) 1,3-Dichlorobenzene	6.76	146	725045m	37.75	ng	
13) 1,4-Dichlorobenzene	6.84	146	765480	39.75	ng	94
14) 1,2-Dichlorobenzene	6.99	146	647143	35.09	ng	97
15) Benzyl Alcohol	6.97	79	563579	32.51	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1105558	33.45	ng	88
17) 2-Methylphenol	7.09	107	602296	38.60	ng	95
18) Hexachloroethane	7.33	117	276483	35.90	ng	92
19) n-Nitroso-di-n-propylamine	7.24	70	477943	34.26	ng	# 75
20) 3+4-Methylphenols	7.24	107	715097	38.99	ng	# 58
22) Acetophenone	7.24	105	981210	36.57	ng	# 93
24) Nitrobenzene	7.41	77	802450	39.46	ng	91
25) Isophorone	7.65	82	1399710	36.50	ng	97
26) 2-Nitrophenol	7.72	139	376667	40.70	ng	# 80
27) 2,4-Dimethylphenol	7.78	122	658240	35.14	ng	85
28) bis(2-Chloroethoxy)methane	7.86	93	856847	36.58	ng	99
29) 2,4-Dichlorophenol	7.97	162	583949	37.42	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	626137	38.87	ng	96
31) Naphthalene	8.13	128	1986529	39.24	ng	99
32) Benzoic acid	7.88	122	266579	25.49	ng	95
33) 4-Chloroaniline	8.18	127	242417	10.44	ng	98
34) Hexachlorobutadiene	8.25	225	324991	35.09	ng	98
35) Caprolactam	8.56	113	190980m	36.30	ng	
36) 4-Chloro-3-methylphenol	8.68	107	667532	38.19	ng	99
37) 2-Methylnaphthalene	8.82	142	1302403	35.84	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	540258	36.79	ng	98
40) Hexachlorocyclopentadiene	8.98	237	451470	50.93	ng	98

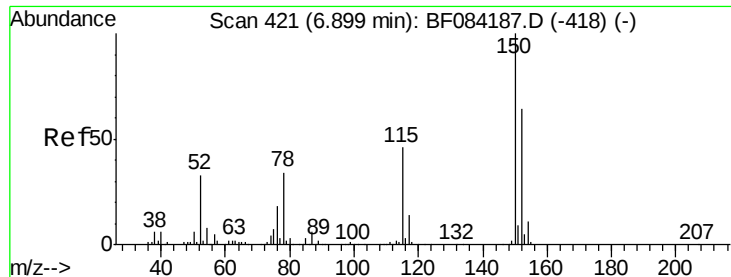
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	383443	34.90	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	382158	36.29	nq	# 83
45) 1,1'-Biphenyl	9.29	154	1439829	35.47	nq	98
46) 2-Chloronaphthalene	9.31	162	1122273	35.19	nq	97
47) 2-Nitroaniline	9.41	65	405993	38.58	nq	95
48) Acenaphthylene	9.73	152	1838539	39.03	nq	98
49) Dimethylphthalate	9.60	163	1816175	49.74	nq	# 89
50) 2,6-Dinitrotoluene	9.65	165	290793	36.31	nq	# 47
51) Acenaphthene	9.90	154	1312611	41.54	nq	97
52) 3-Nitroaniline	9.82	138	218394	22.01	nq	85
53) 2,4-Dinitrophenol	9.93	184	214341	63.59	nq	# 75
54) Dibenzofuran	10.08	168	1626423	39.37	nq	98
55) 4-Nitrophenol	10.01	139	561516	77.95	nq	89
56) 2,4-Dinitrotoluene	10.06	165	421896	41.62	nq	# 77
57) Fluorene	10.42	166	1260777	39.55	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	315581	35.10	nq	90
59) Diethylphthalate	10.29	149	1288955	35.80	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	549199	40.30	nq	98
61) 4-Nitroaniline	10.44	138	339753	38.41	nq	# 84
62) Azobenzene	10.57	77	1422157	36.01	nq	91
64) 4,6-Dinitro-2-methylphenol	10.46	198	192038	36.18	nq	# 78
65) n-Nitrosodiphenylamine	10.53	169	1173059	42.15	nq	98
66) 4-Bromophenyl-phenylether	10.90	248	381490	40.71	nq	# 91
67) Hexachlorobenzene	10.97	284	391153	37.09	nq	# 84
68) Atrazine	11.06	200	341895	37.54	nq	100
69) Pentachlorophenol	11.16	266	389019	71.14	nq	98
70) Phenanthrene	11.38	178	1867033	41.00	nq	97
71) Anthracene	11.42	178	1680171	37.64	nq	98
72) Carbazole	11.58	167	1557582	35.69	nq	98
73) Di-n-butylphthalate	11.92	149	1888411	39.40	nq	# 96
74) Fluoranthene	12.56	202	1695722	35.65	nq	96
76) Benzidine	12.68	184	630963	30.47	nq	99
77) Pyrene	12.79	202	1668318	36.81	nq	99
79) Butylbenzylphthalate	13.41	149	790330	40.30	nq	96
80) Benzo(a)anthracene	13.97	228	1251003	36.89	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	320247	27.06	nq	# 92
82) Chrysene	14.02	228	1230648	37.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	958774	38.70	nq	99
84) Di-n-octyl phthalate	14.59	149	1660553	39.70	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.79	276	1248368	48.33	nq	98
87) Benzo(b)fluoranthene	15.00	252	1257141m	34.55	nq	
88) Benzo(k)fluoranthene	15.03	252	1108616m	37.25	nq	
89) Benzo(a)pyrene	15.35	252	1154710	37.41	nq	# 96
90) Dibenzo(a,h)anthracene	16.80	278	1050498	39.56	nq	98
91) Benzo(g,h,i)perylene	17.20	276	1026236	37.31	nq	# 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

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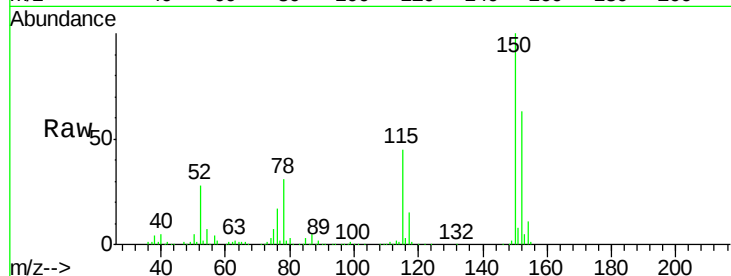
Tot Ion:152 Resp: 265423

Ion Ratio Lower Upper

152 100

150 158.6 123.0 184.4

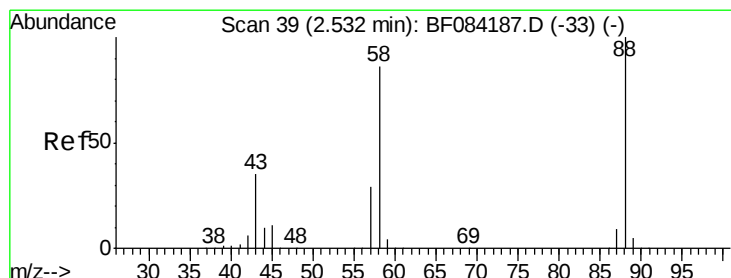
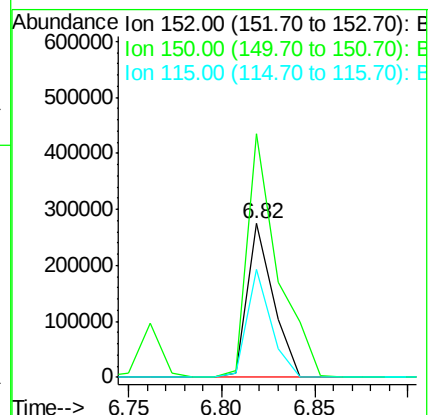
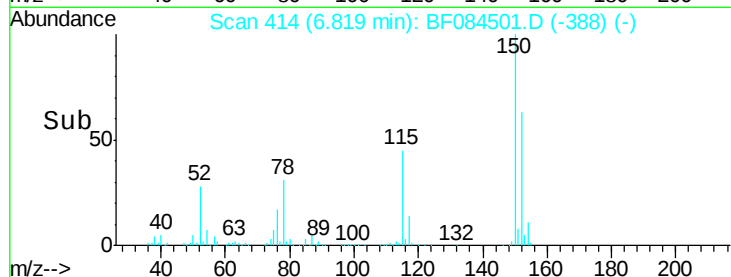
115 70.6 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.41 ng

RT: 2.46 min Scan# 33

Delta R.T. 0.08 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

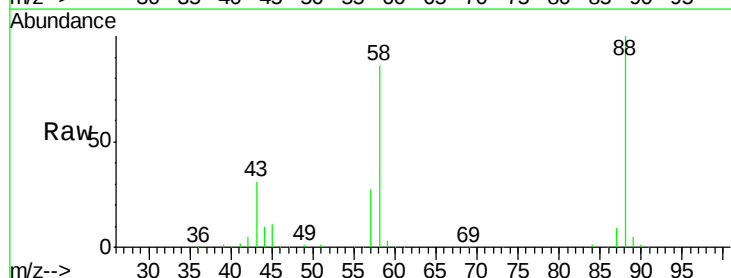
Tgt Ion: 88 Resp: 259728

Ion Ratio Lower Upper

88 100

58 86.5 51.2 76.8#

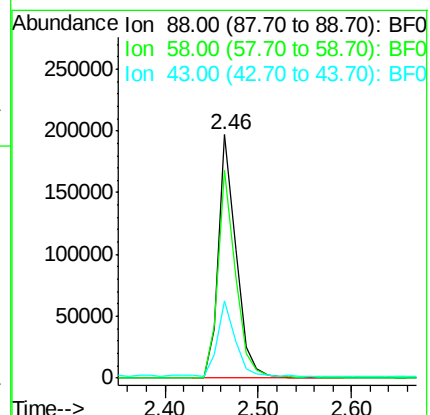
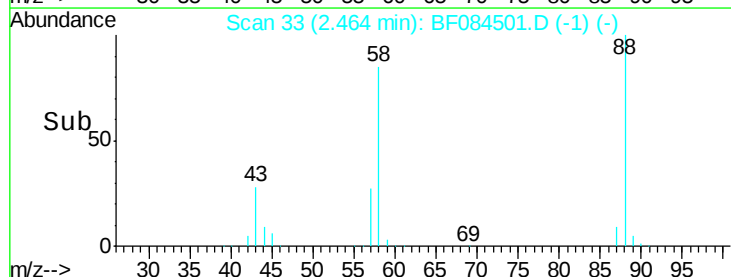
43 30.6 19.5 29.3#

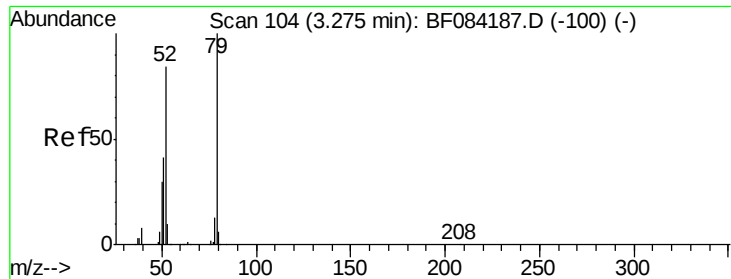


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.35 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

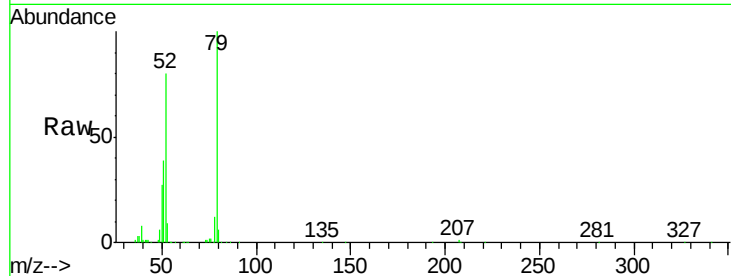
Tot Ion: 79 Resp: 657878

Ion Ratio Lower Upper

79 100

52 80.5 49.0 73.4#

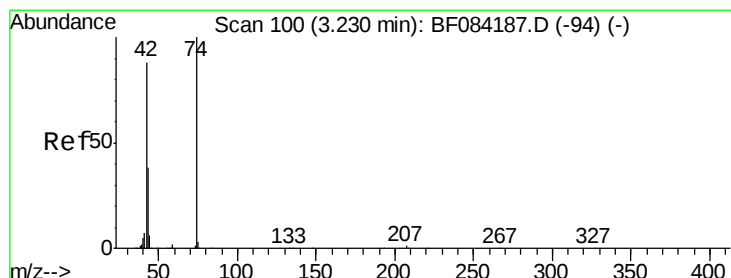
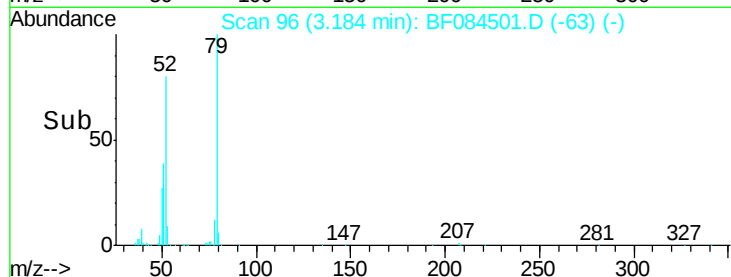
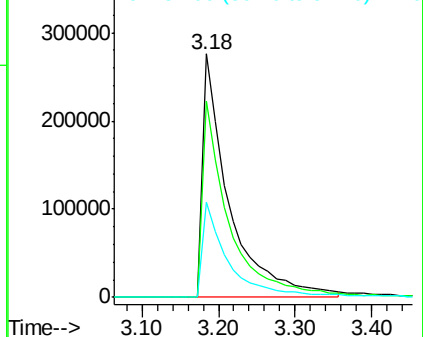
51 38.9 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.79 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

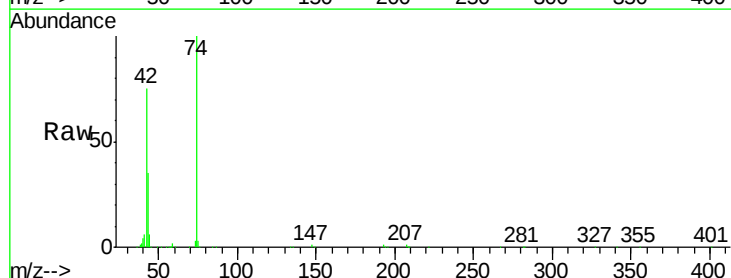
Tgt Ion: 42 Resp: 353701

Ion Ratio Lower Upper

42 100

74 133.9 115.7 173.5

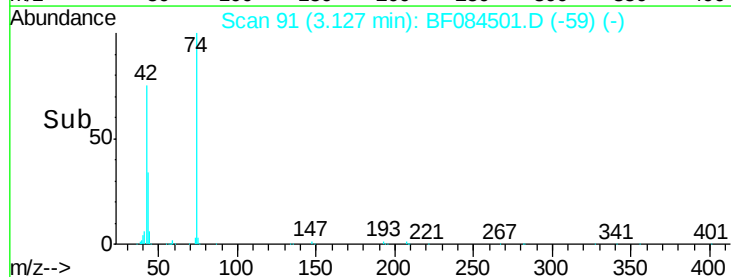
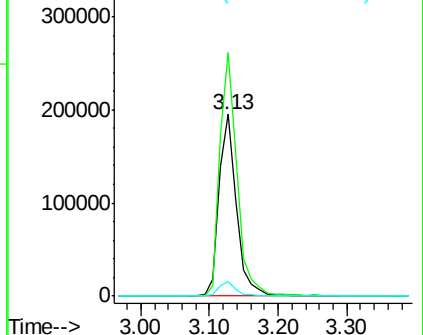
44 7.7 5.1 7.7

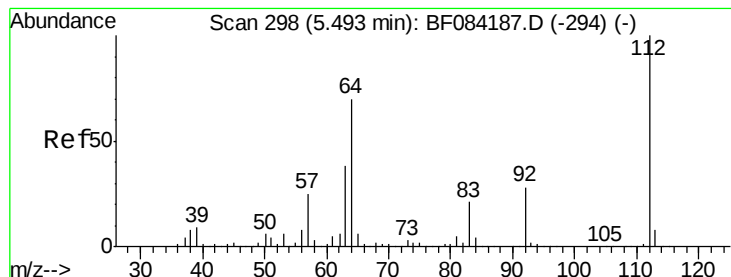


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 109.21 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

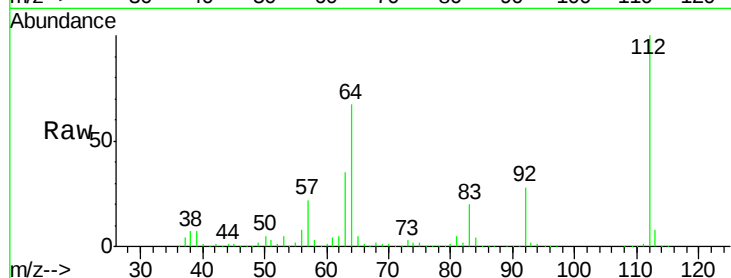
Tot Ion:112 Resp: 1792189

Ion Ratio Lower Upper

112 100

64 67.0 36.6 55.0#

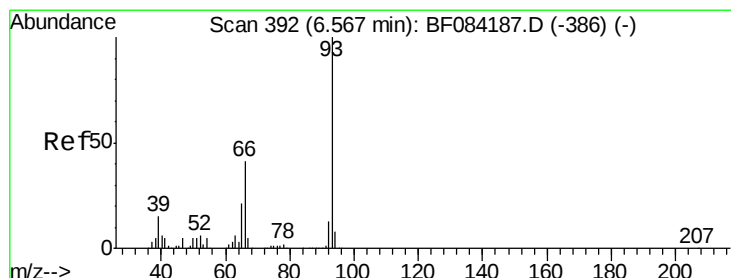
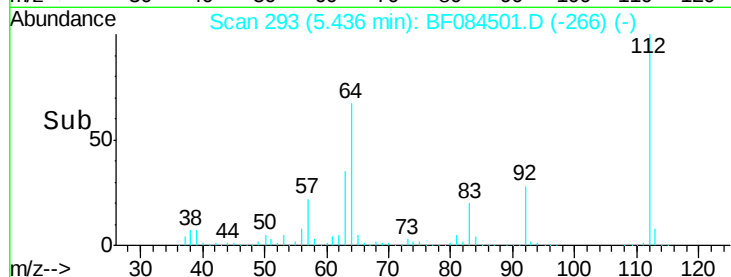
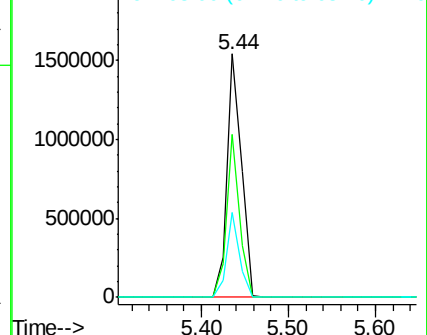
63 35.1 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.20 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

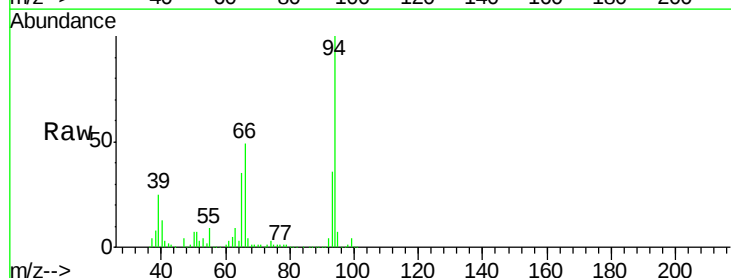
Tgt Ion: 93 Resp: 458259

Ion Ratio Lower Upper

93 100

66 135.5 44.9 67.3#

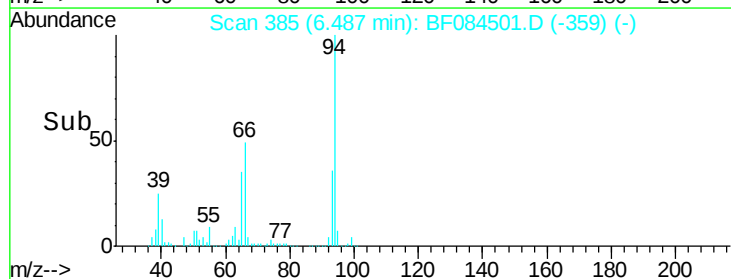
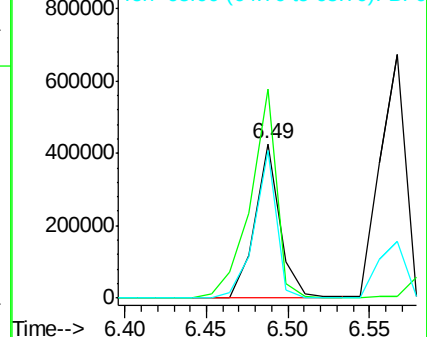
65 95.8 23.7 35.5#

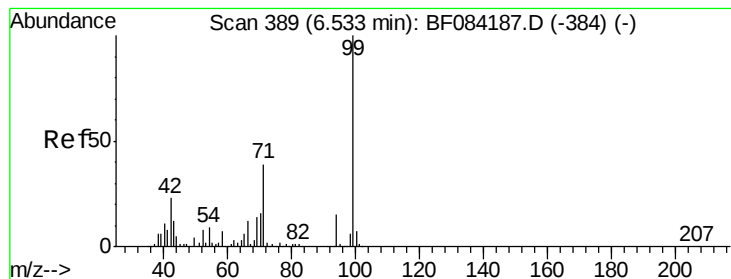


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.07 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

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ClientSampleId :

CLAYMSD

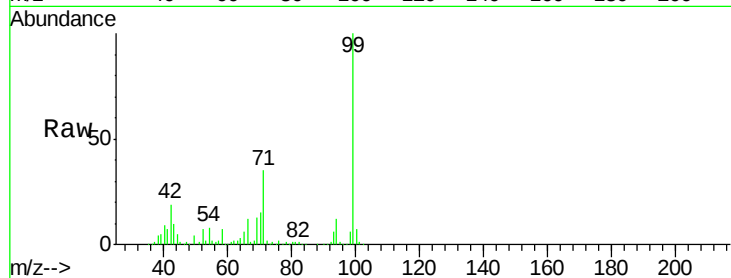
Tot Ion: 99 Resp: 2412765

Ion Ratio Lower Upper

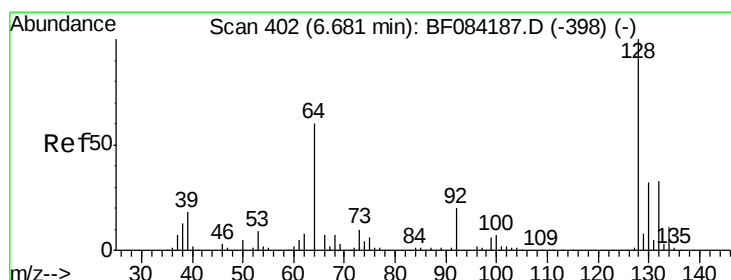
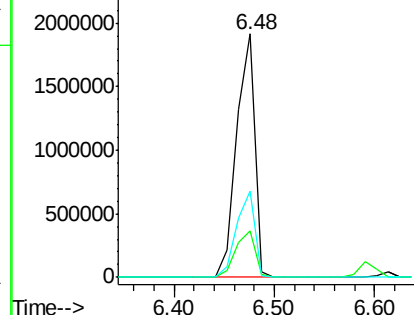
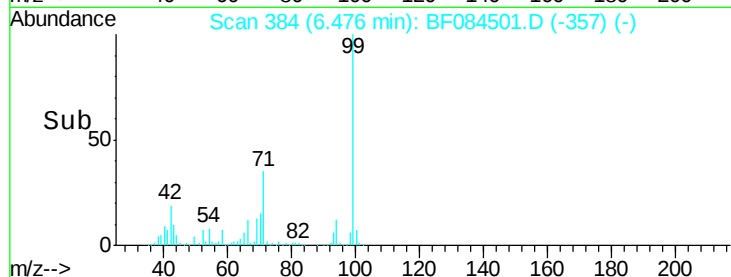
99 100

42 18.9 12.8 19.2

71 35.3 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.66 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

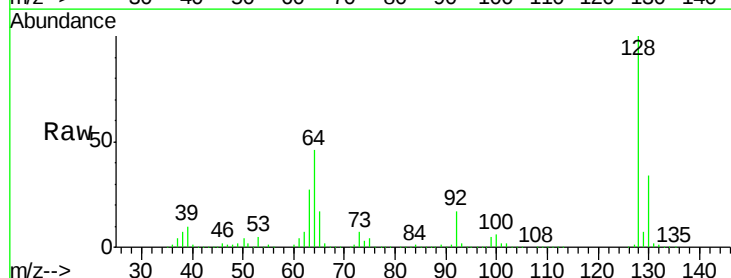
Tgt Ion: 128 Resp: 738290

Ion Ratio Lower Upper

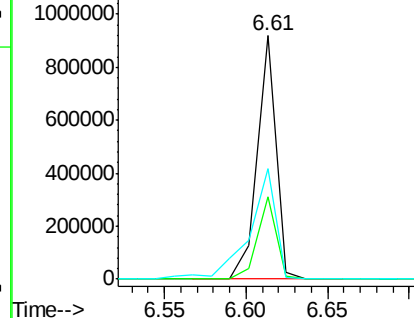
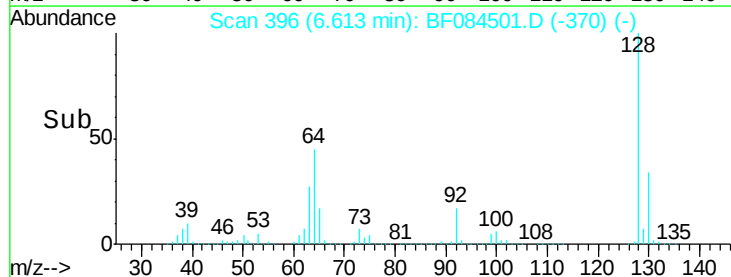
128 100

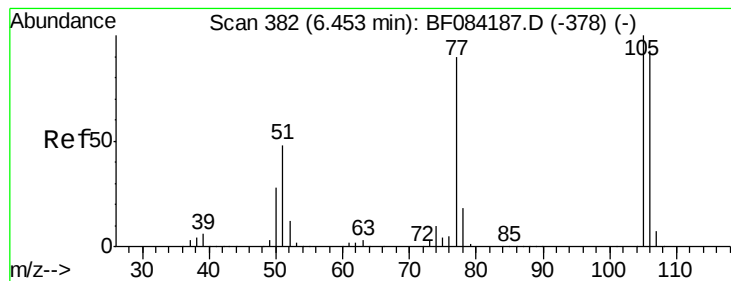
130 33.6 11.6 51.6

64 45.5 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.20 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

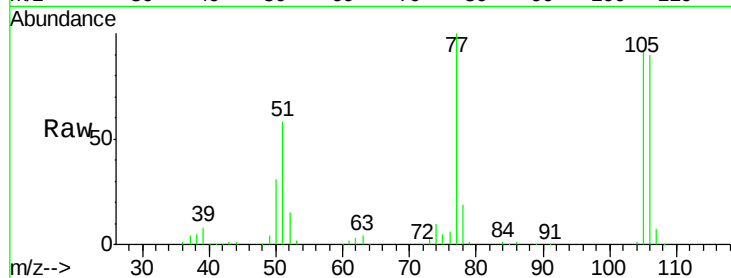
Tot Ion: 77 Resp: 110103

Ion Ratio Lower Upper

77 100

105 91.7 83.0 123.0

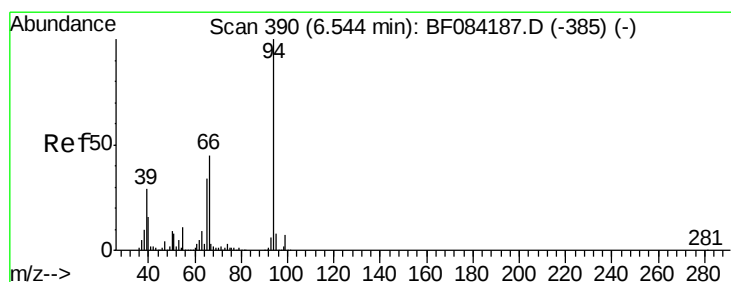
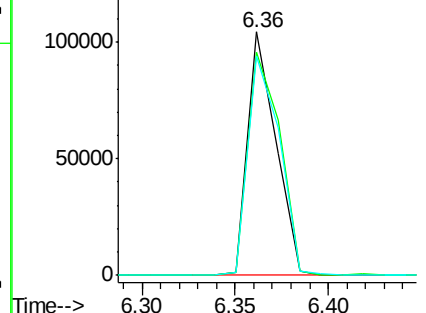
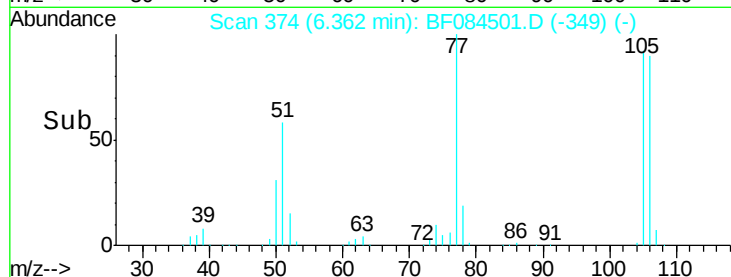
106 90.1 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.70 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

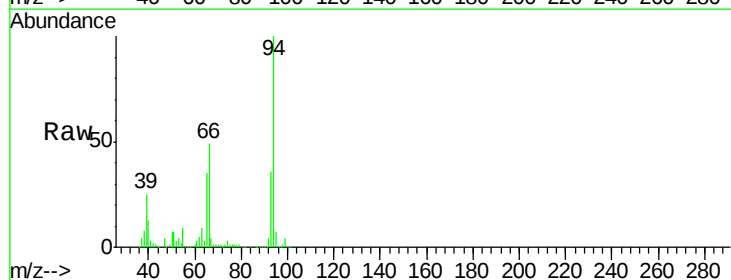
Tgt Ion: 94 Resp: 1000642

Ion Ratio Lower Upper

94 100

65 34.6 12.9 52.9

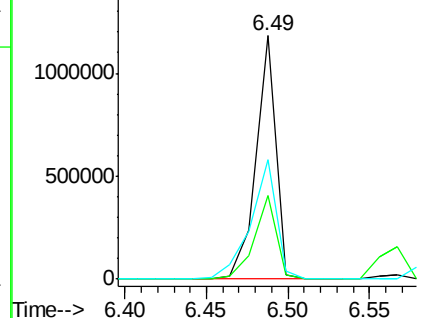
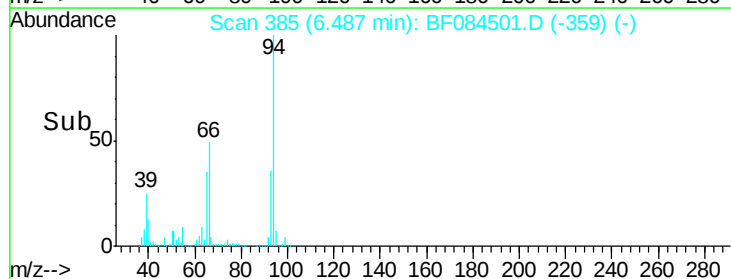
66 48.9 32.7 72.7

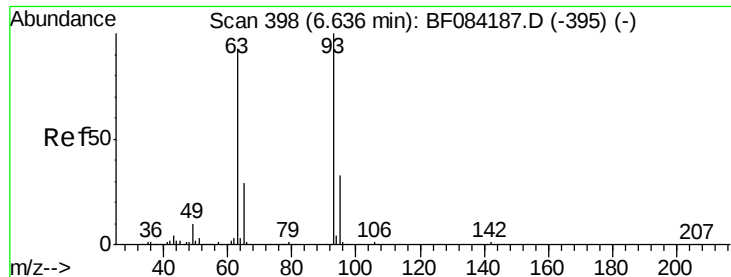


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

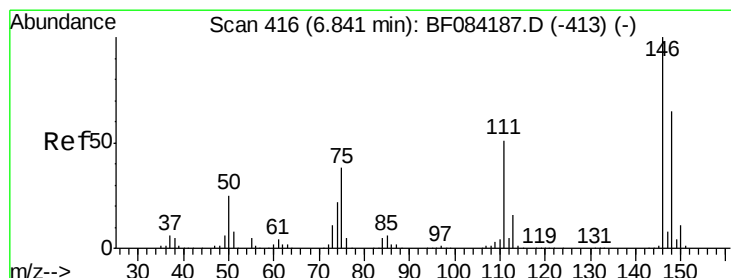
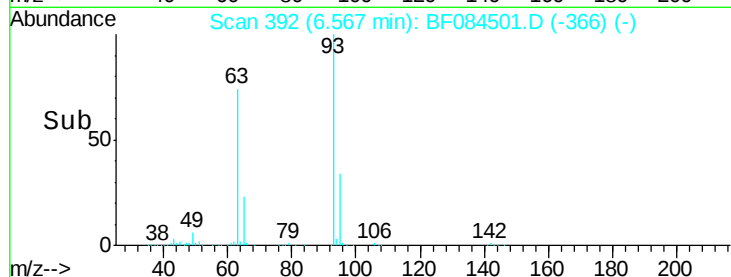
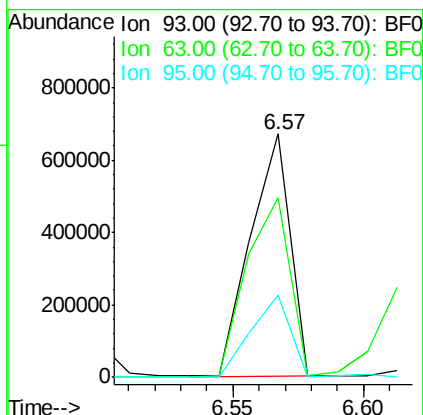
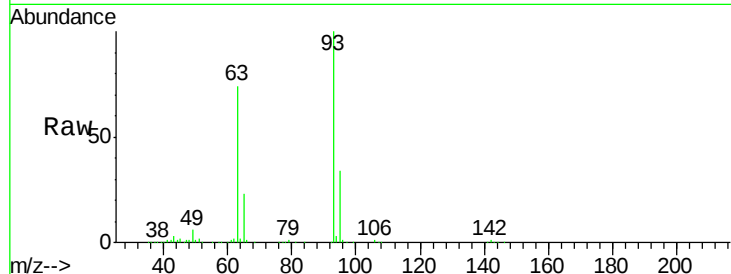




#11
bis(2-Chloroethyl)ether
Concen: 39.62 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

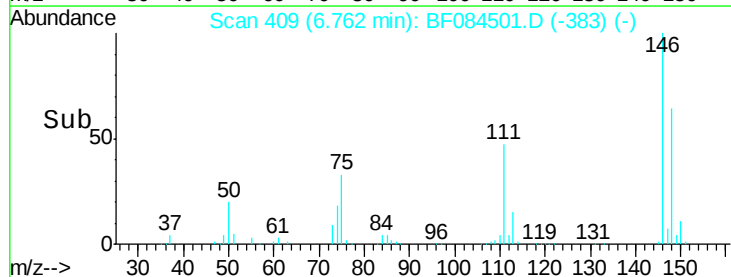
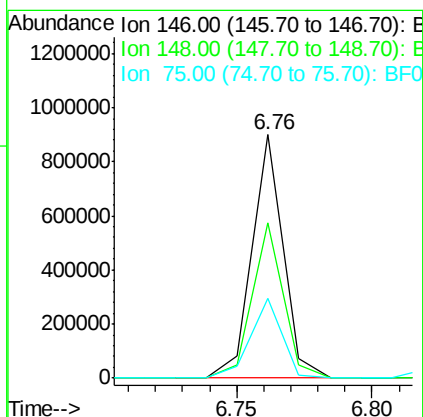
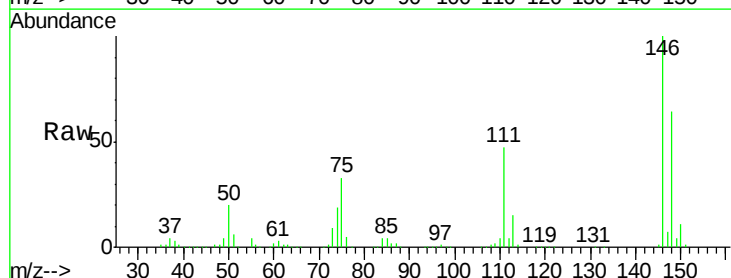
Instrument :
BNA_F
ClientSampleId :
CLAYMSD

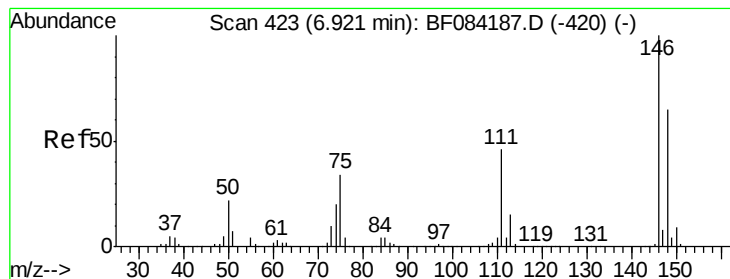
Tot Ion: 93 Resp: 719135
Ion Ratio Lower Upper
93 100
63 73.8 45.9 85.9
95 33.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.75 ng m
RT: 6.76 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion: 146 Resp: 725045
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 32.7 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 39.75 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

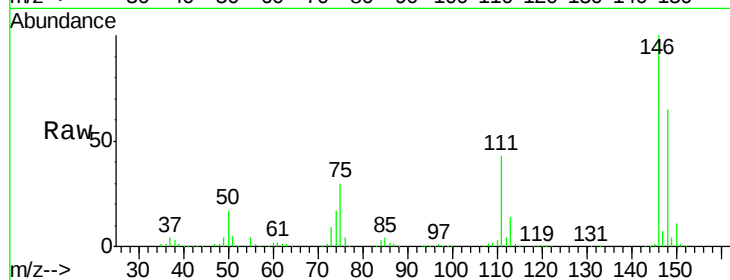
Tot Ion:146 Resp: 765480

Ion Ratio Lower Upper

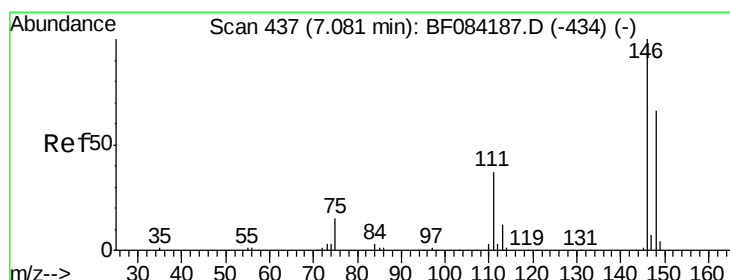
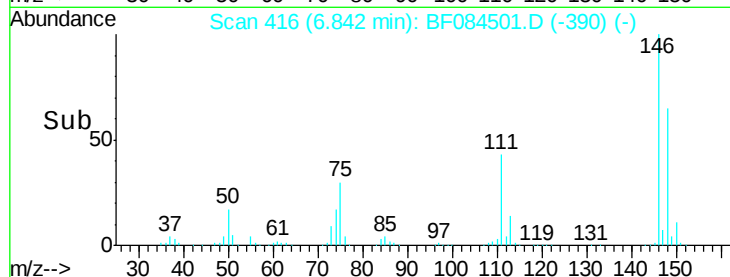
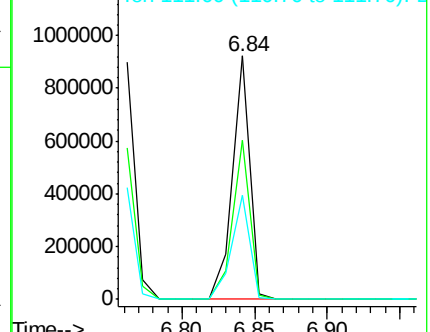
146 100

148 65.4 51.9 77.9

111 43.0 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.09 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

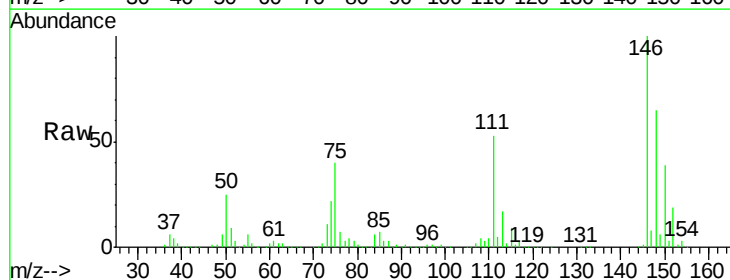
Tgt Ion:146 Resp: 647143

Ion Ratio Lower Upper

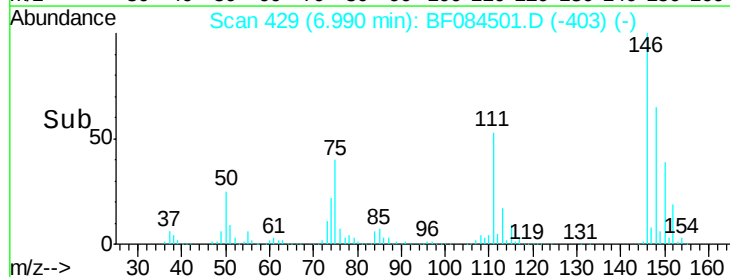
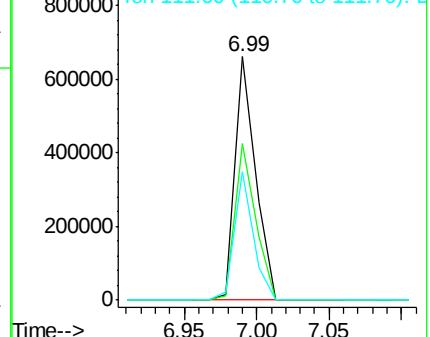
146 100

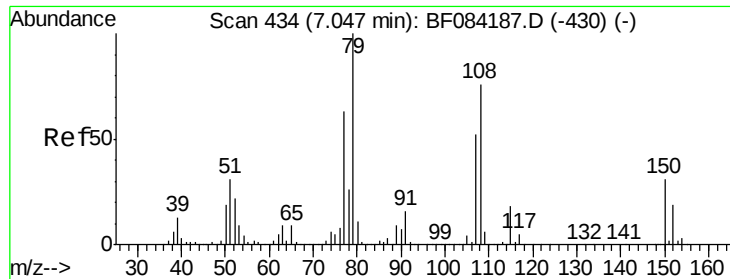
148 64.5 51.6 77.4

111 52.6 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.51 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampled :

CLAYMSD

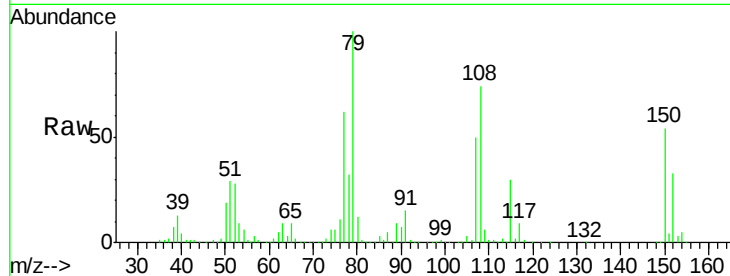
Tot Ion: 79 Resp: 563579

Ion Ratio Lower Upper

79 100

108 74.1 69.0 103.4

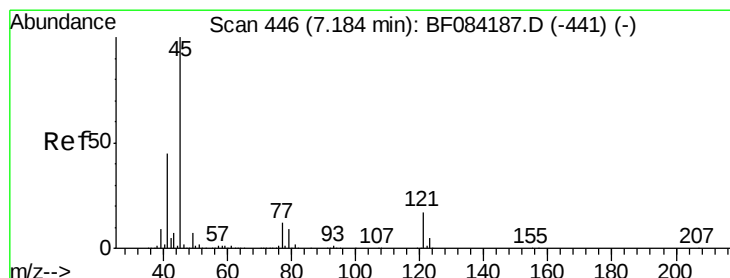
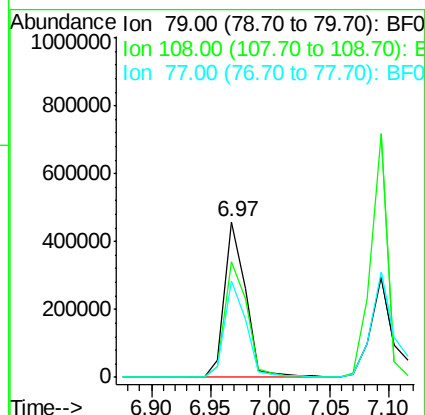
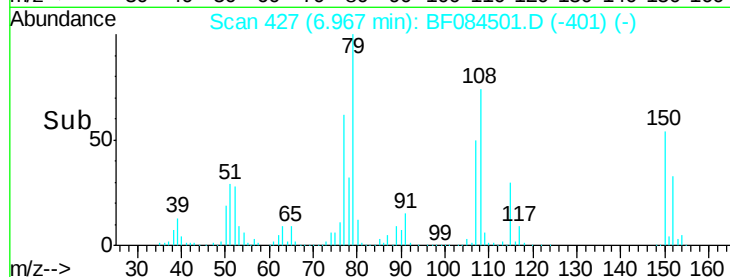
77 62.4 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.45 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

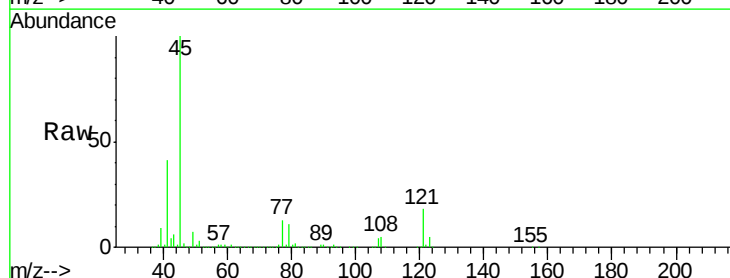
Tgt Ion: 45 Resp: 1105558

Ion Ratio Lower Upper

45 100

77 13.3 0.0 39.6

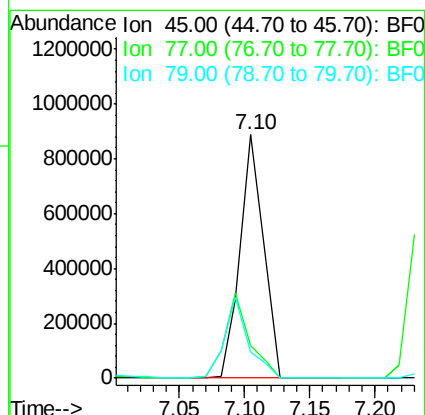
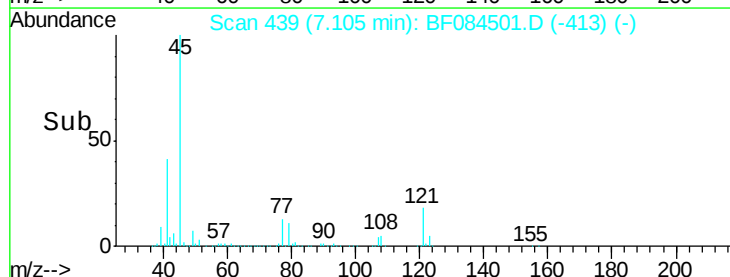
79 10.7 0.0 35.0

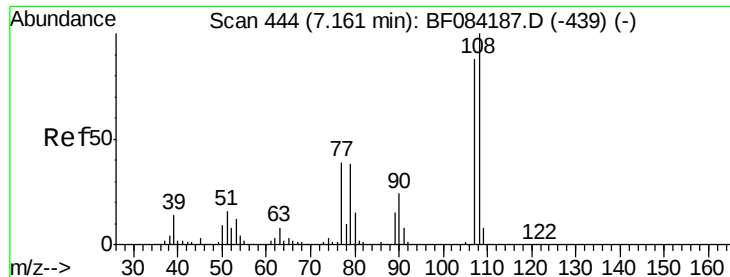


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

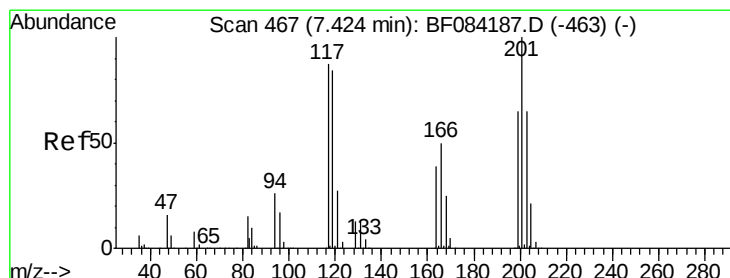
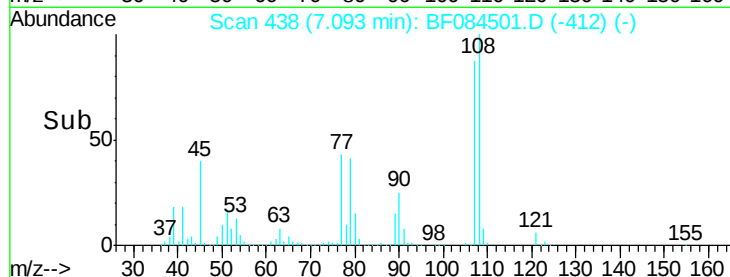
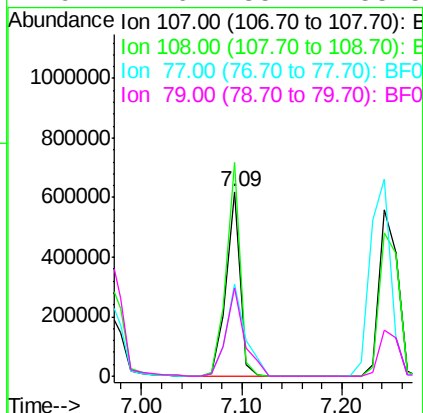
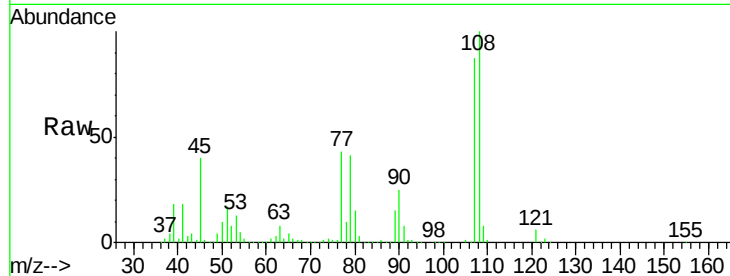




#17
2-Methylphenol
Concen: 38.60 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

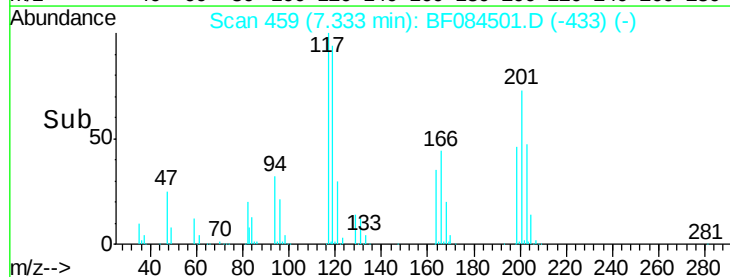
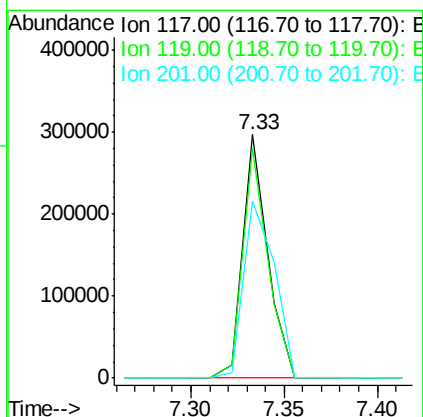
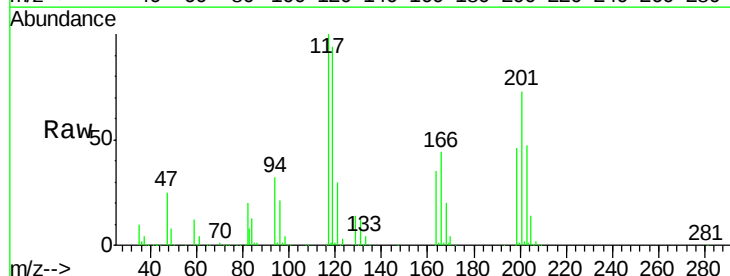
Instrument :
BNA_F
ClientSampleId :
CLAYMSD

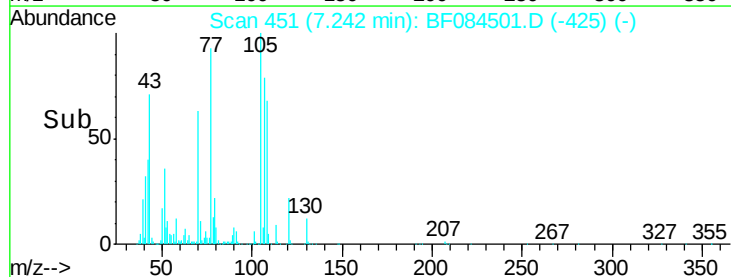
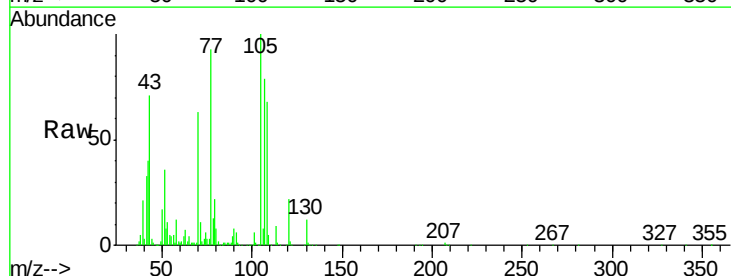
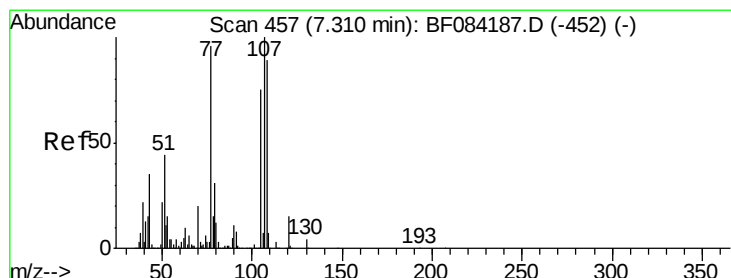
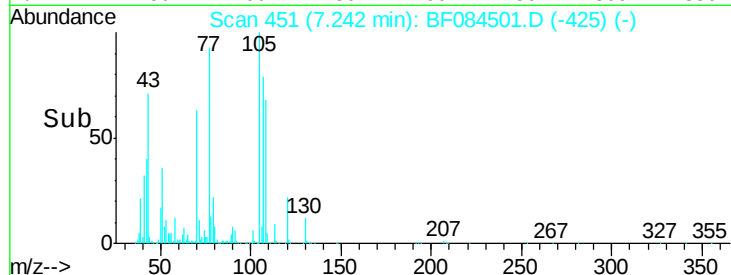
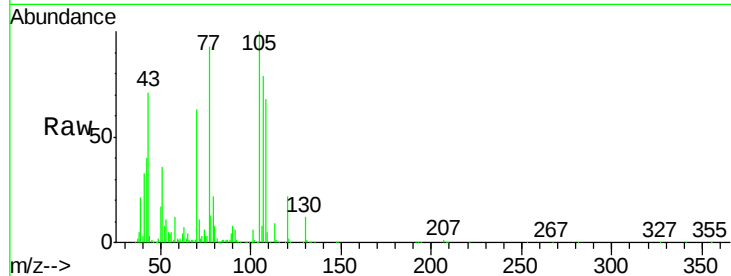
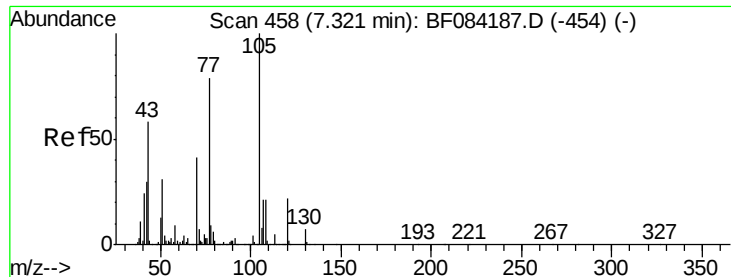
Tot Ion:107 Resp: 602296
Ion Ratio Lower Upper
107 100
108 115.5 89.8 134.6
77 49.8 35.7 53.5
79 47.6 35.7 53.5



#18
Hexachloroethane
Concen: 35.90 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:117 Resp: 276483
Ion Ratio Lower Upper
117 100
119 94.1 77.4 116.0
201 72.5 68.6 103.0

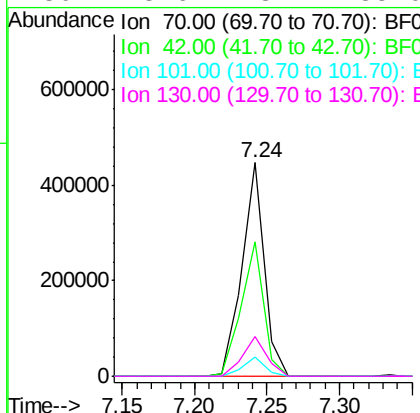




#19
n-Nitroso-di-n-propylamine
Concen: 34.26 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

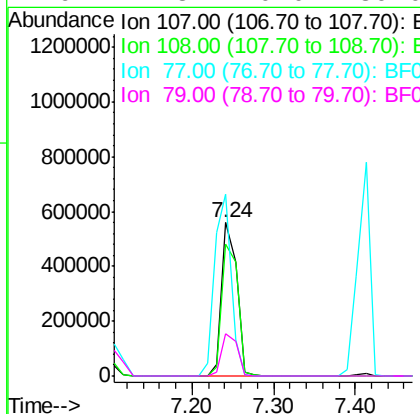
Instrument :
BNA_F
ClientSampleId :
CLAYMSD

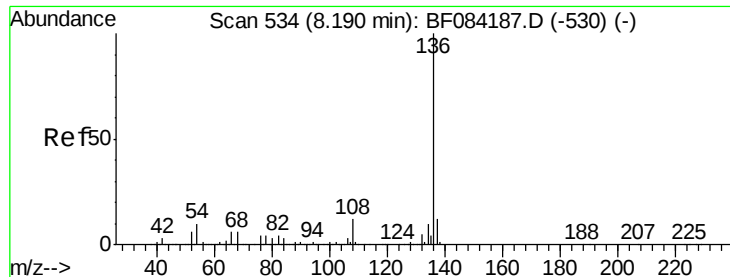
Tot Ion: 70 Resp: 477943
Ion Ratio Lower Upper
70 100
42 62.8 33.3 49.9#
101 8.9 9.3 13.9#
130 18.6 23.4 35.0#



#20
3+4-Methylphenols
Concen: 38.99 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:107 Resp: 715097
Ion Ratio Lower Upper
107 100
108 85.7 74.6 114.6
77 118.2 0.7 40.7#
79 27.8 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

Tot Ion:136 Resp: 1115863

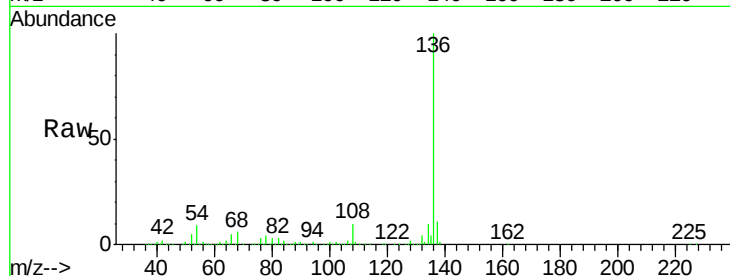
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.6 5.8 8.8

68 5.7 4.2 6.2

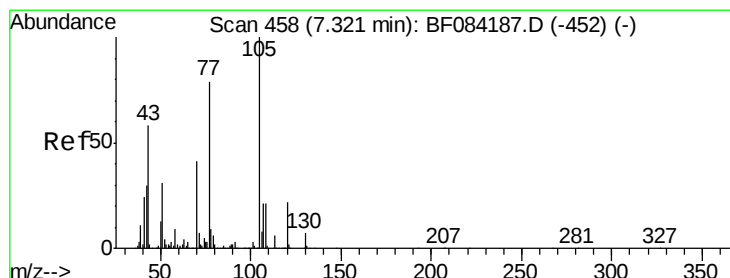
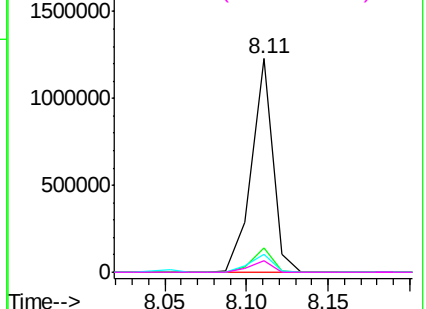
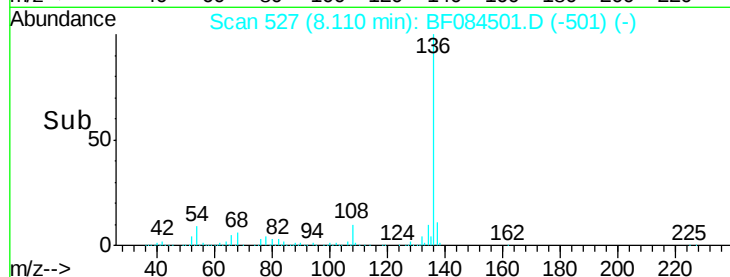


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.57 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Tgt Ion:105 Resp: 981210

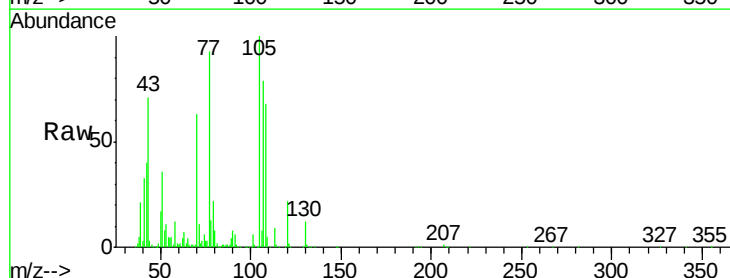
Ion Ratio Lower Upper

105 100

71 10.8 3.7 5.5#

51 36.0 25.1 37.7

120 21.9 16.6 25.0

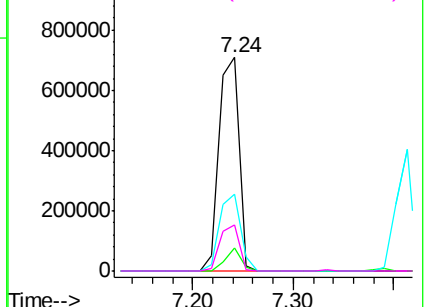
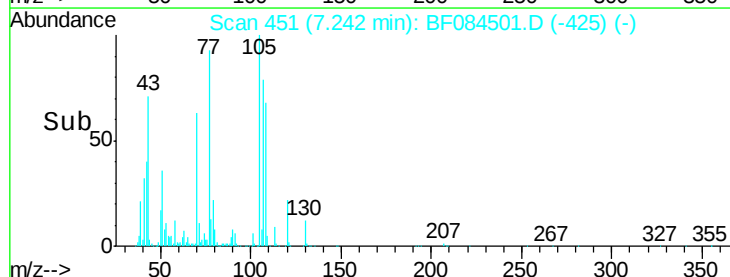


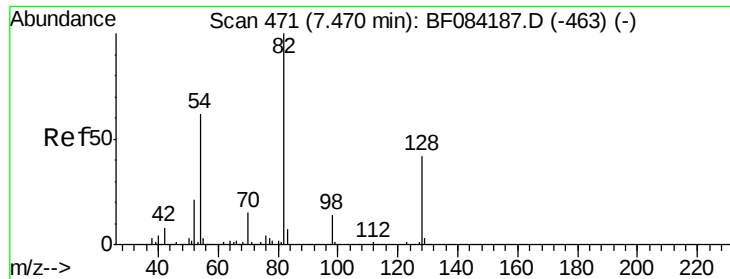
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

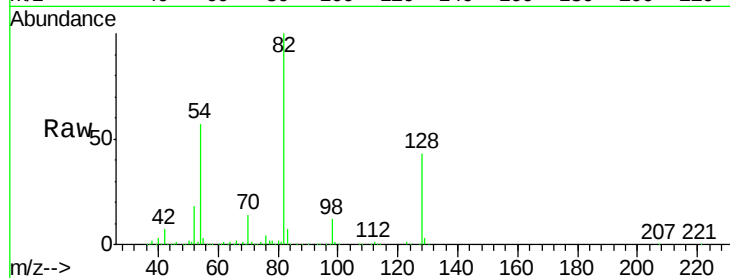




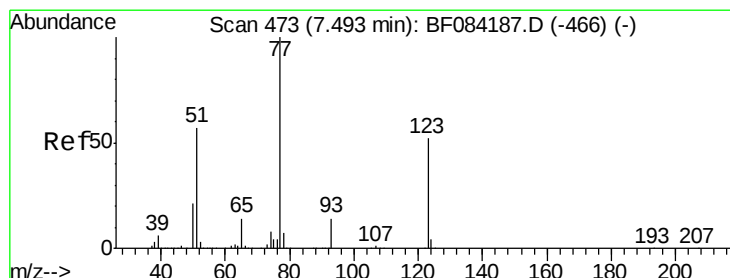
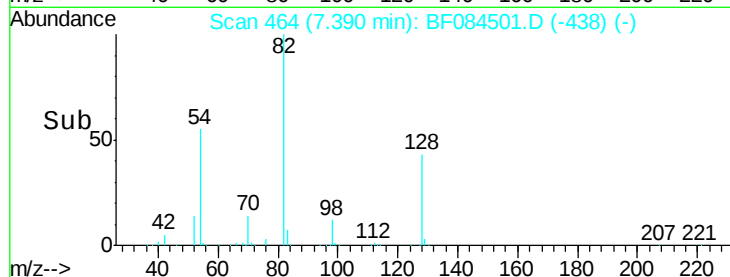
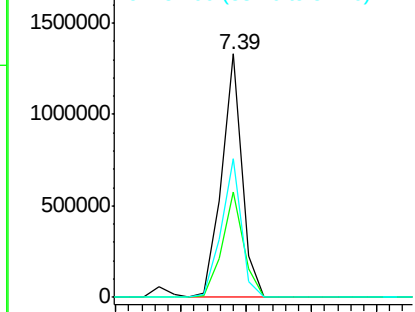
#23
Nitrobenzene-d5
Concen: 72.28 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :
CLAYMSD

Tot Ion: 82 Resp: 1449265
Ion Ratio Lower Upper
82 100
128 43.4 34.6 51.8
54 57.0 38.4 57.6

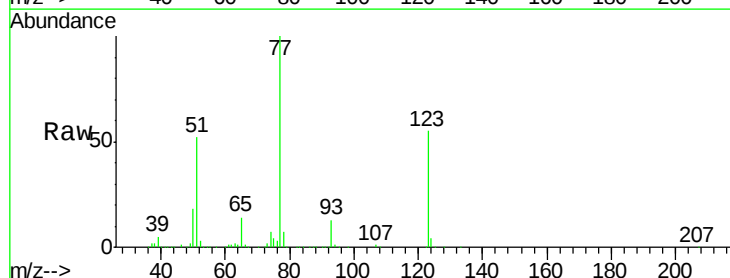


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

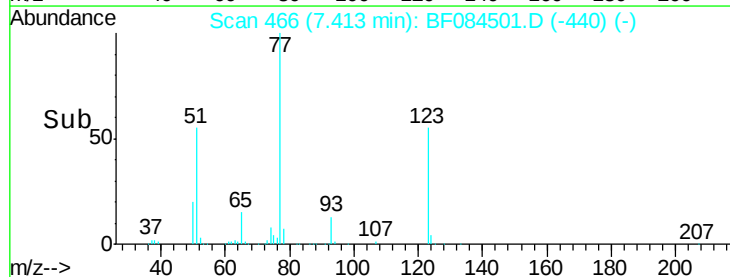
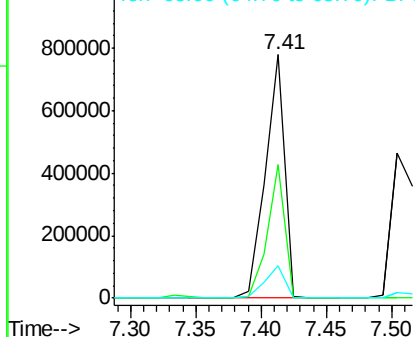


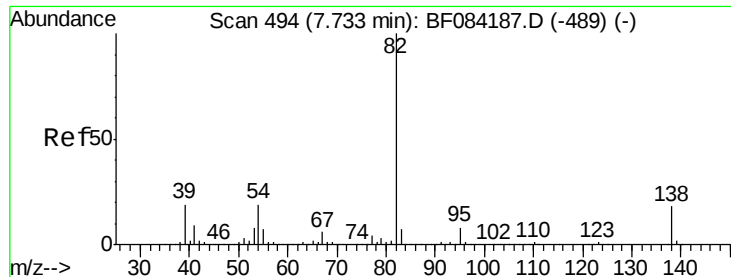
#24
Nitrobenzene
Concen: 39.46 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion: 77 Resp: 802450
Ion Ratio Lower Upper
77 100
123 54.7 37.4 56.2
65 13.6 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.50 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

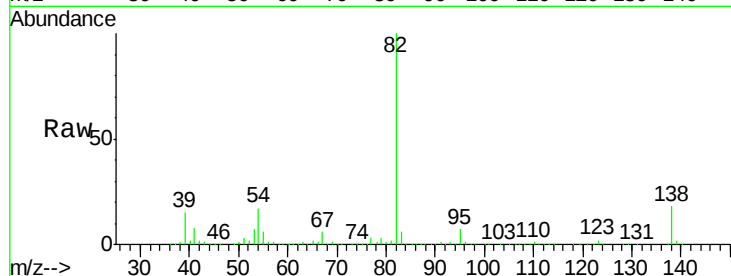
Tot Ion: 82 Resp: 1399710

Ion Ratio Lower Upper

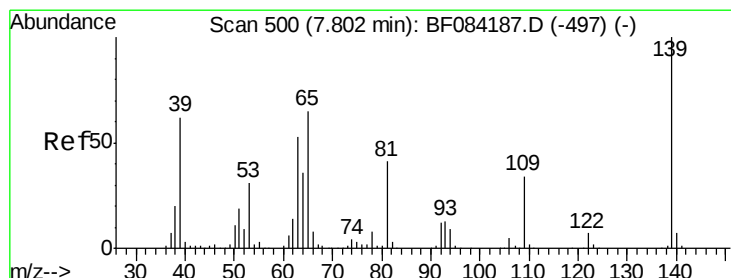
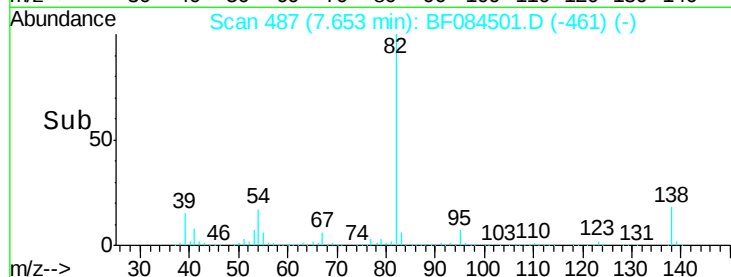
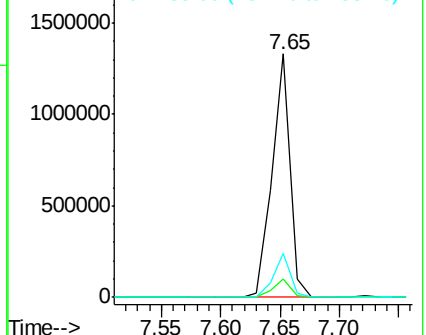
82 100

95 7.4 6.6 10.0

138 18.3 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.70 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

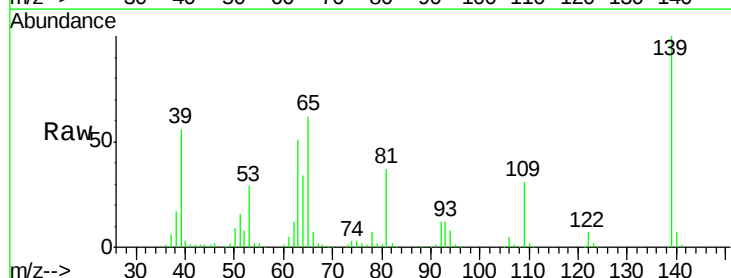
Tgt Ion:139 Resp: 376667

Ion Ratio Lower Upper

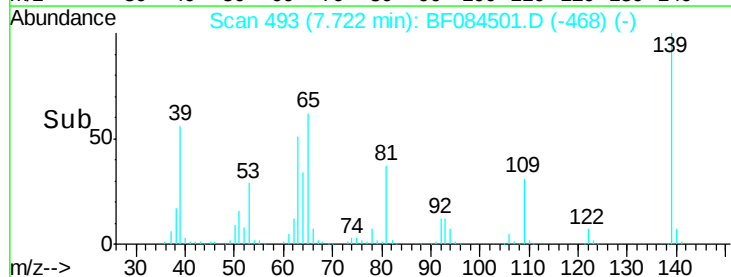
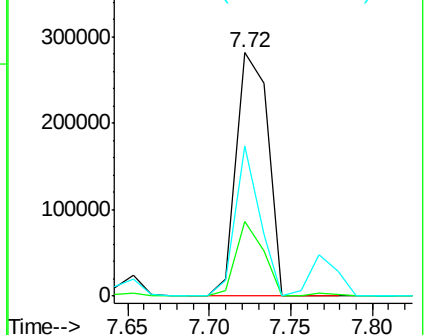
139 100

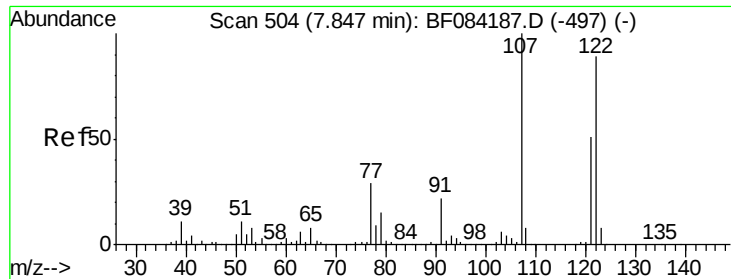
109 30.7 25.4 38.2

65 61.5 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 35.14 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

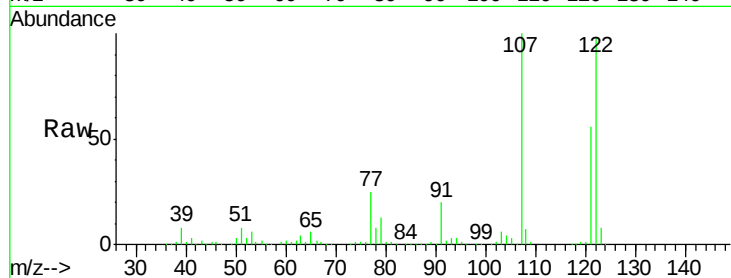
Tot Ion:122 Resp: 658240

Ion Ratio Lower Upper

122 100

107 101.6 99.1 148.7

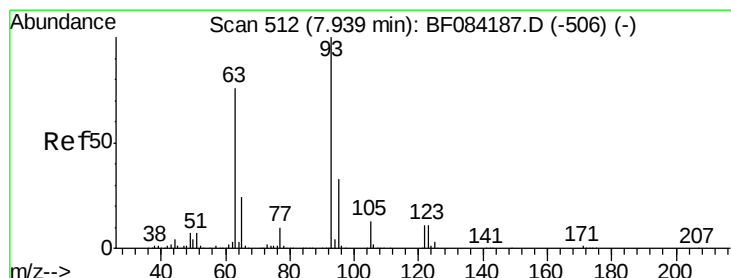
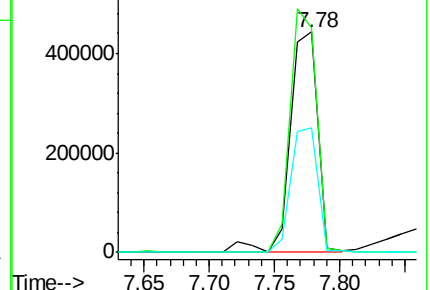
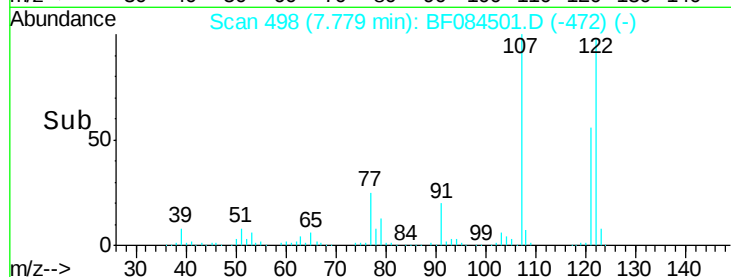
121 56.5 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.58 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

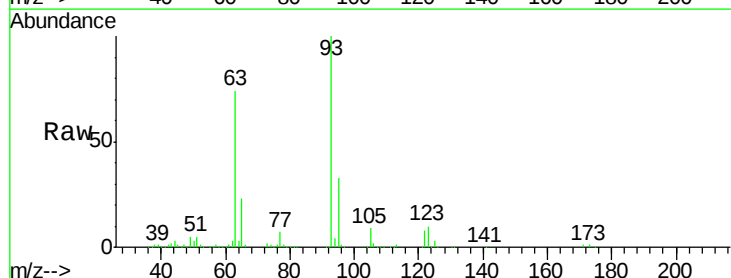
Tgt Ion: 93 Resp: 856847

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

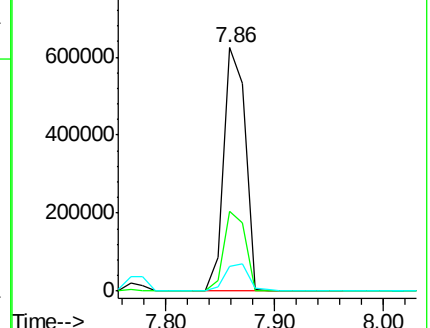
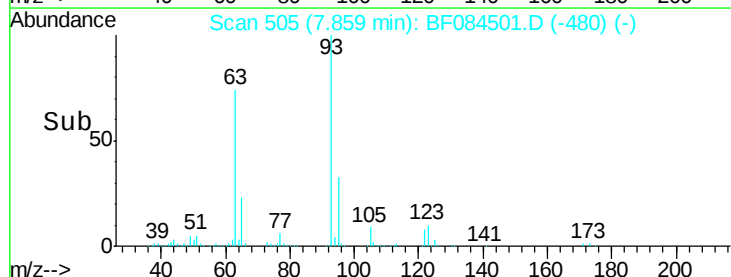
123 10.4 8.6 12.8

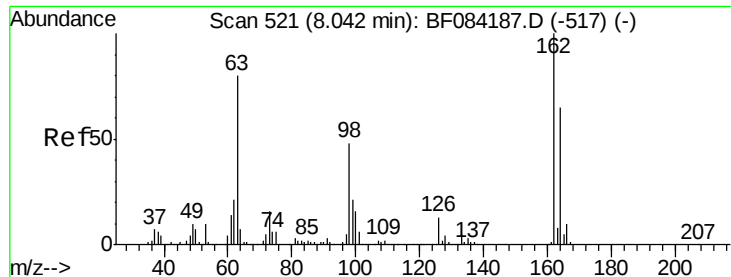


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

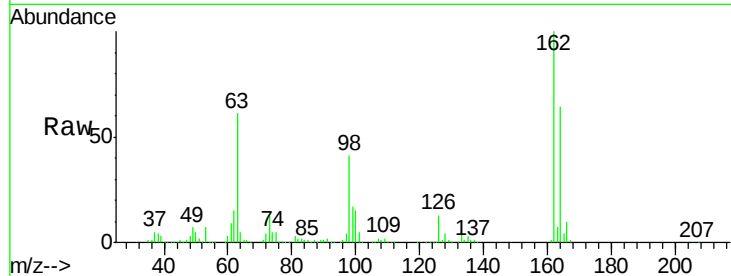




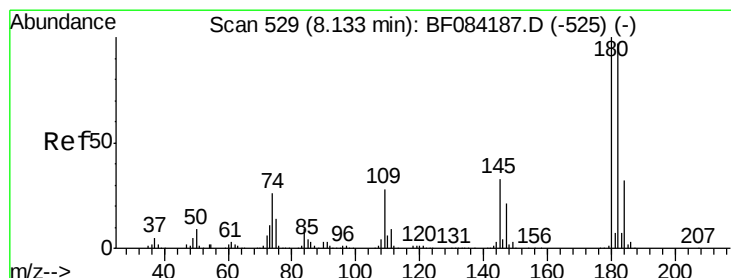
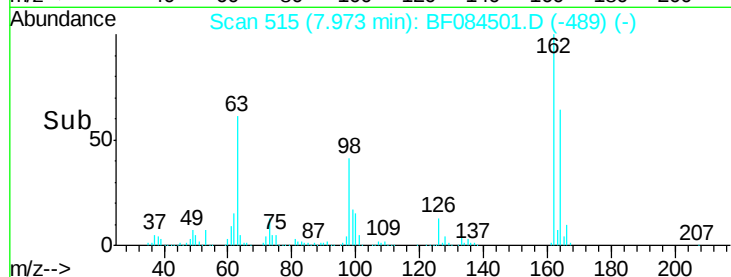
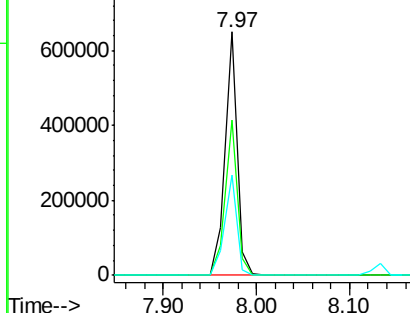
#29
2,4-Dichlorophenol
Concen: 37.42 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :
CLAYMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.1	84.1
98	41.4	20.2	60.2

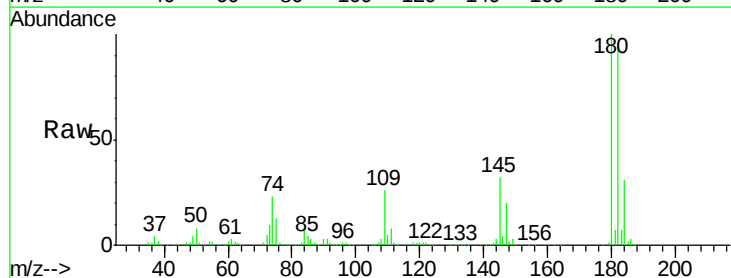


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

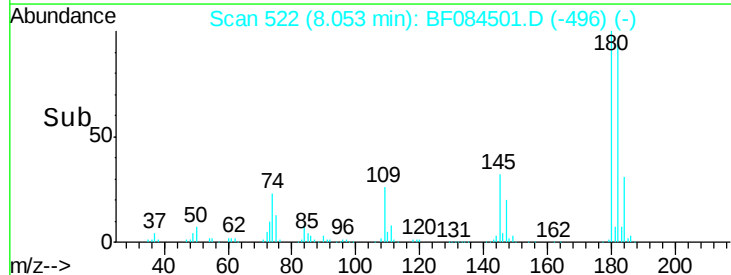
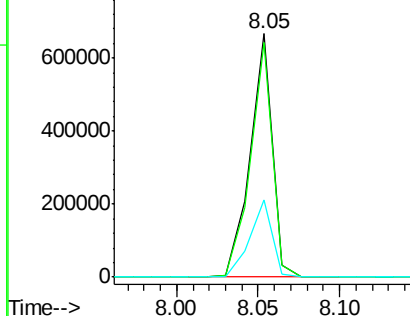


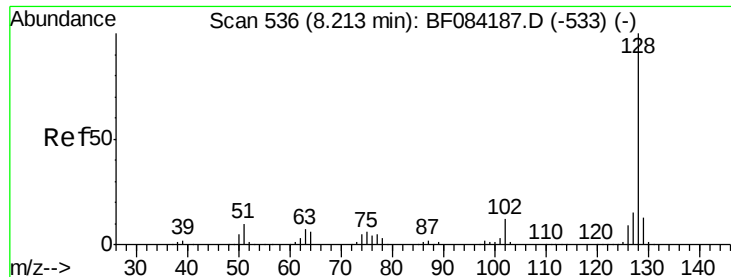
#30
1,2,4-Trichlorobenzene
Concen: 38.87 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	31.6	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

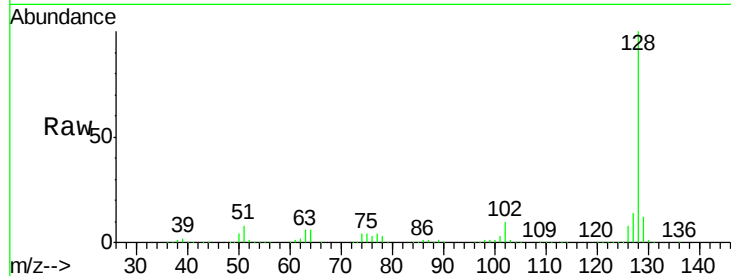




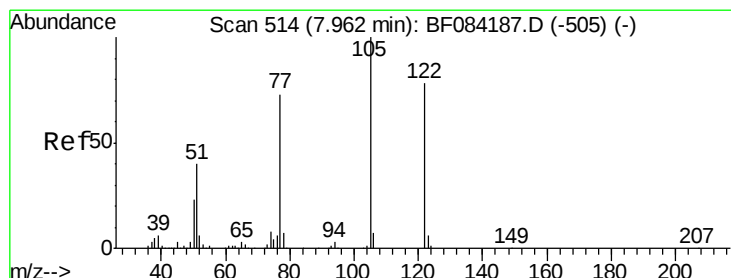
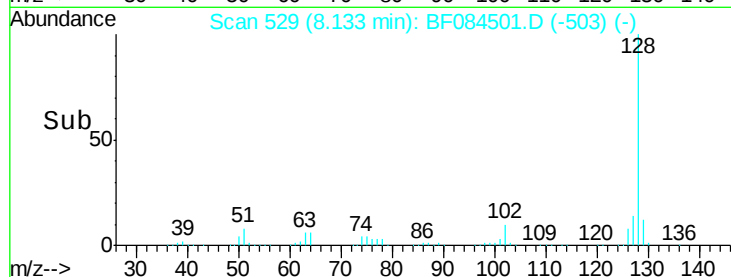
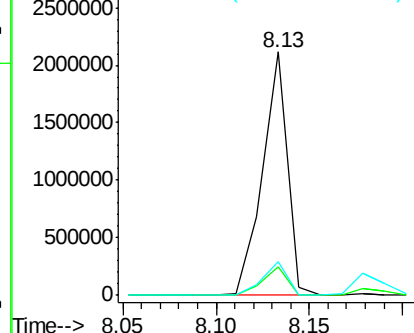
#31
Naphthalene
Concen: 39.24 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :
CLAYMSD

Tot Ion:128 Resp: 1986529
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 14.0 11.1 16.7

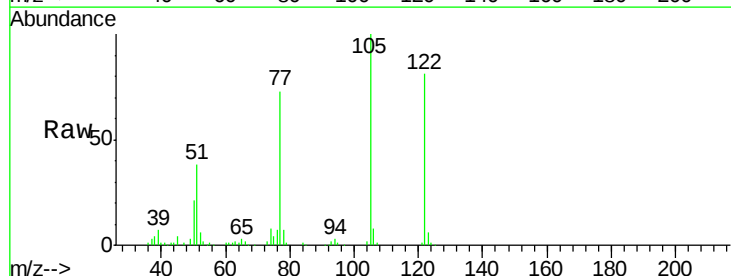


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

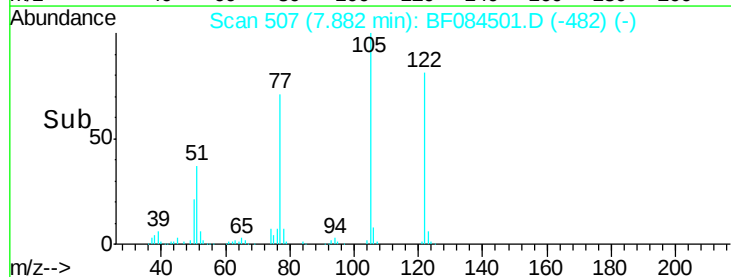
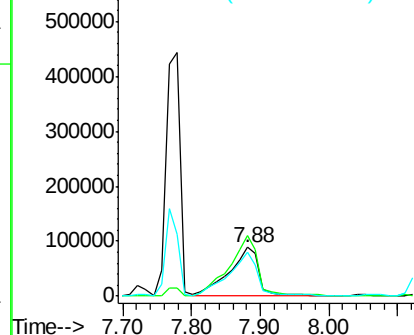


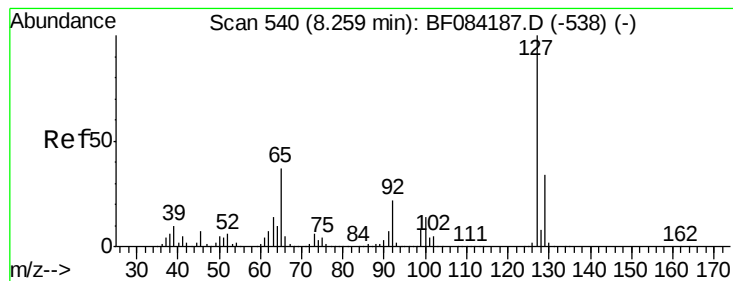
#32
Benzoic acid
Concen: 25.49 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:122 Resp: 266579
Ion Ratio Lower Upper
122 100
105 123.7 100.3 140.3
77 90.7 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.44 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

Tot Ion:127 Resp: 242417

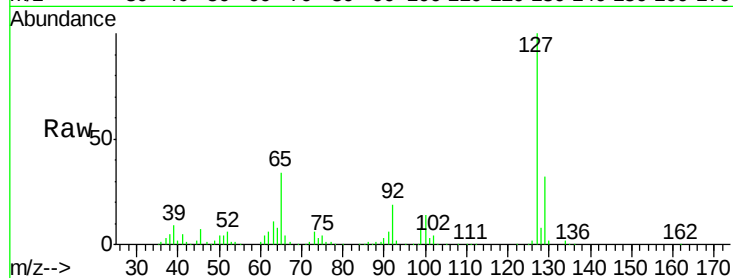
Ion Ratio Lower Upper

127 100

129 32.2 26.5 39.7

65 33.8 27.2 40.8

92 18.9 17.7 26.5

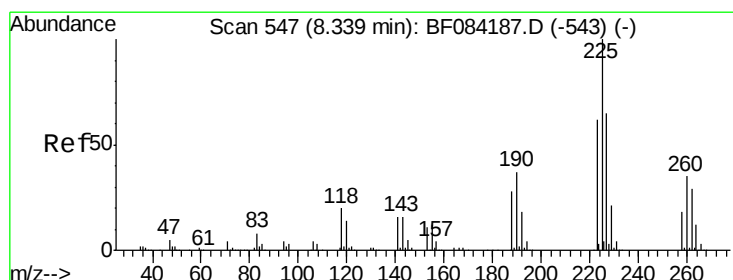
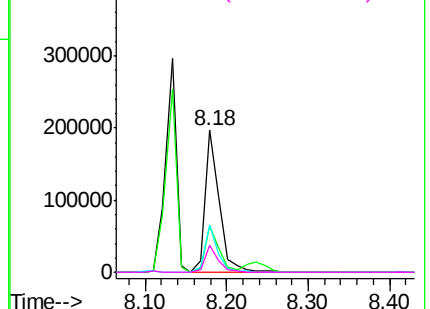
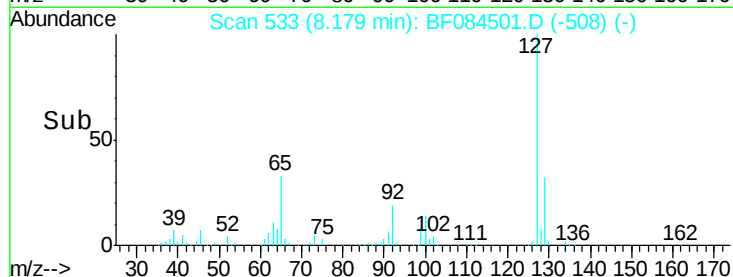


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 35.09 ng

RT: 8.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

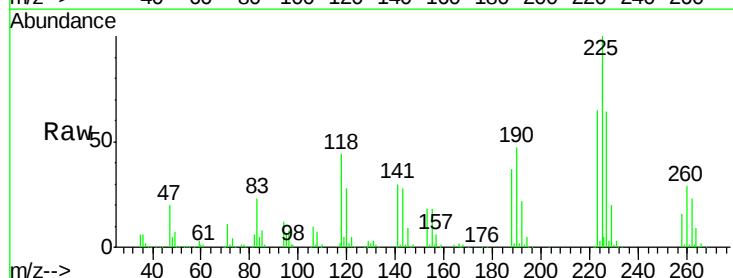
Tgt Ion:225 Resp: 324991

Ion Ratio Lower Upper

225 100

223 64.8 49.4 74.0

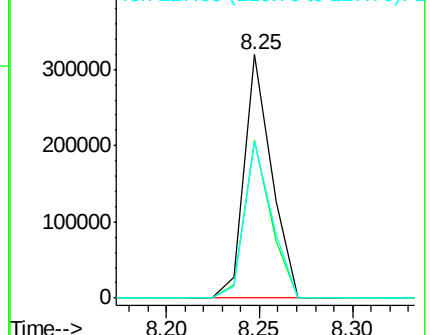
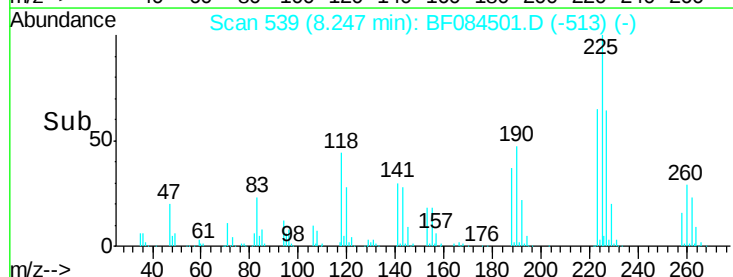
227 64.2 50.8 76.2

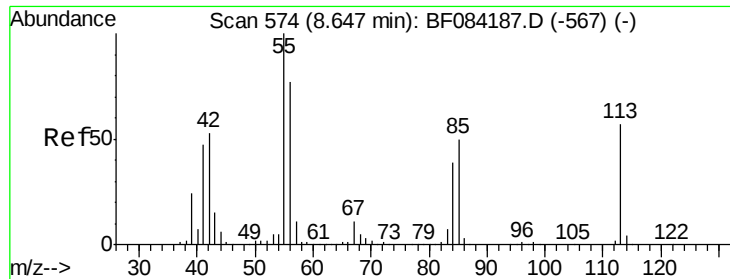


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

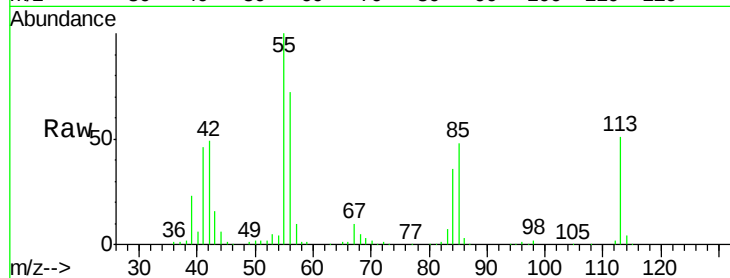




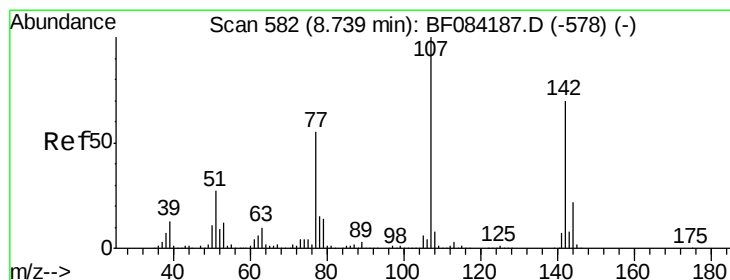
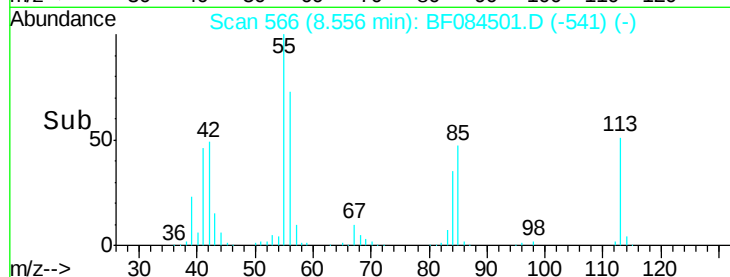
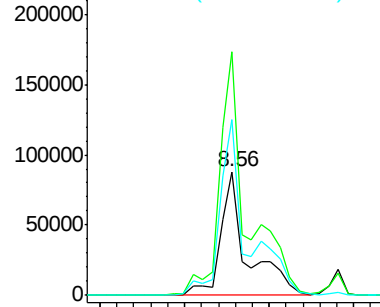
#35
Caprolactam
Concen: 36.30 ng/ml
RT: 8.56 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampled :
CLAYMSD

Tot Ion:113 Resp: 190980
Ion Ratio Lower Upper
113 100
55 196.7 116.9 156.9#
56 142.4 93.8 133.8#

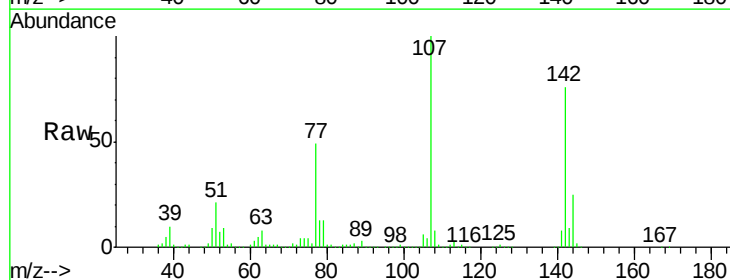


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

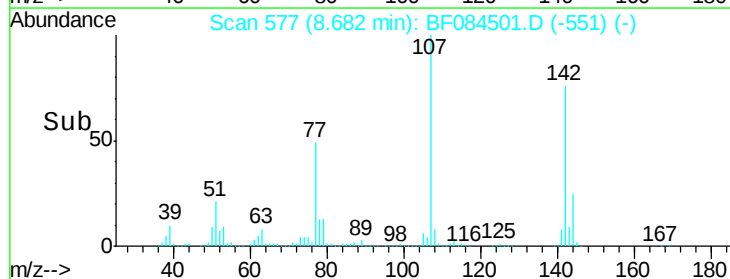
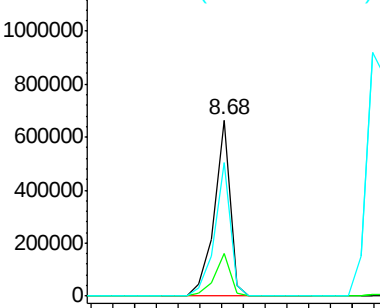


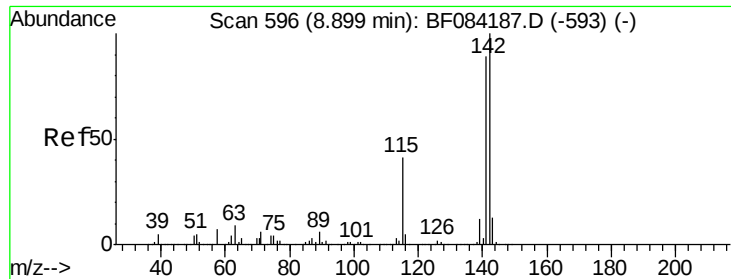
#36
4-Chloro-3-methylphenol
Concen: 38.19 ng/ml
RT: 8.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:107 Resp: 667532
Ion Ratio Lower Upper
107 100
144 24.5 19.7 29.5
142 76.0 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

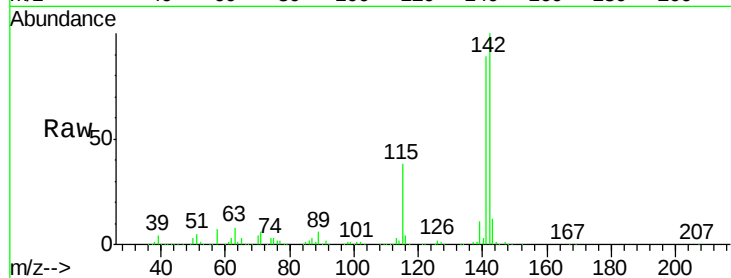




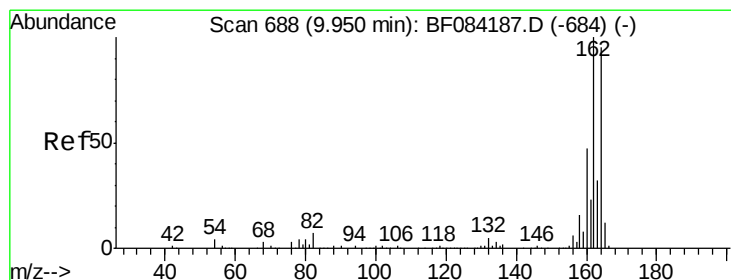
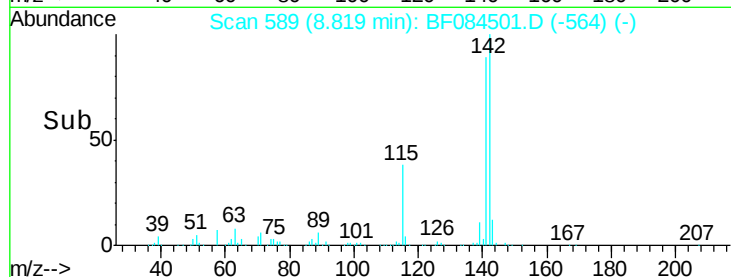
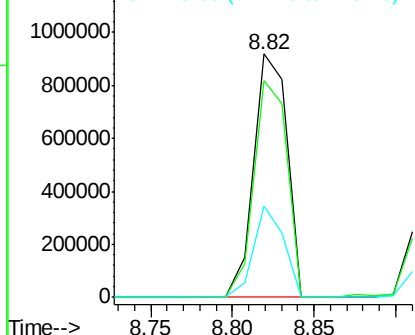
#37
2-Methylnaphthalene
Concen: 35.84 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :
CLAYMSD

Tot Ion:142 Resp: 1302403
Ion Ratio Lower Upper
142 100
141 88.8 72.4 108.6
115 37.5 27.9 41.9

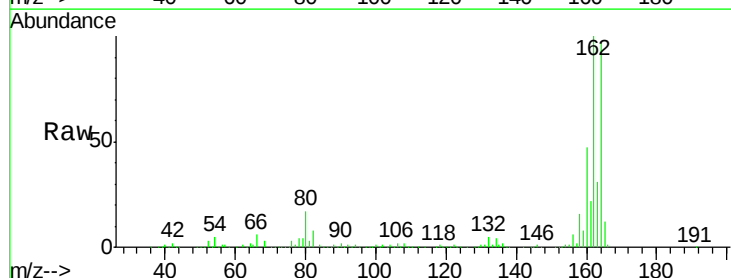


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

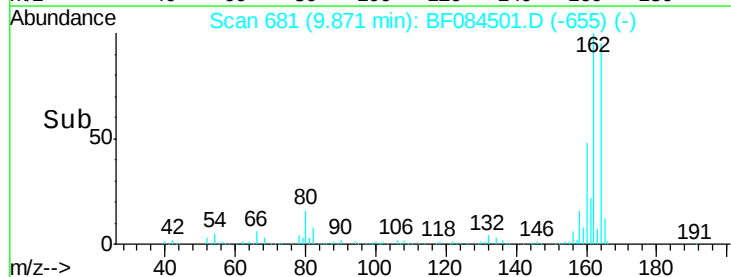
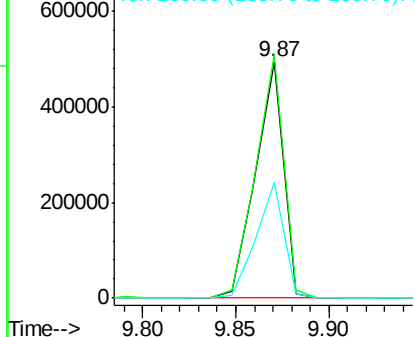


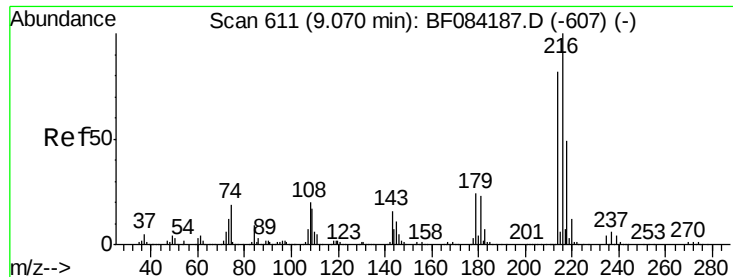
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:164 Resp: 510793
Ion Ratio Lower Upper
164 100
162 103.1 85.1 127.7
160 48.9 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.79 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

Tot Ion:216 Resp: 540258

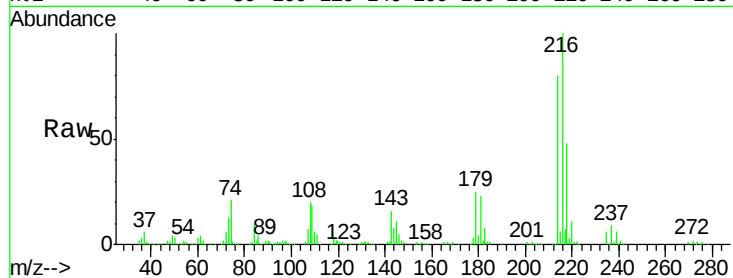
Ion Ratio Lower Upper

216 100

214 78.4 64.2 96.2

179 24.0 18.7 28.1

108 22.8 16.8 25.2

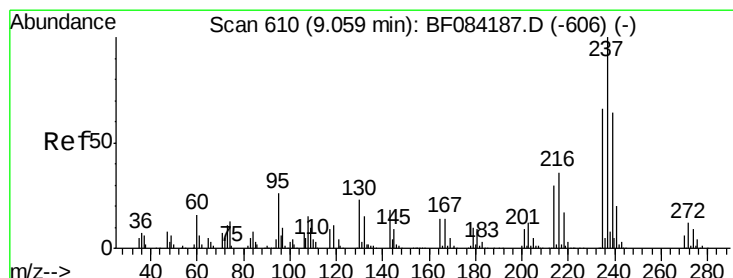
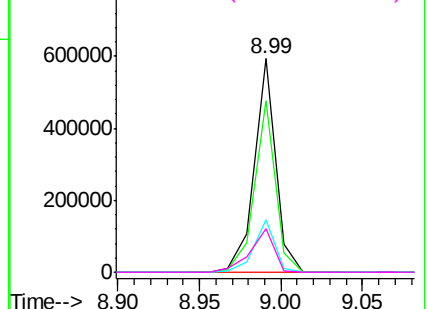
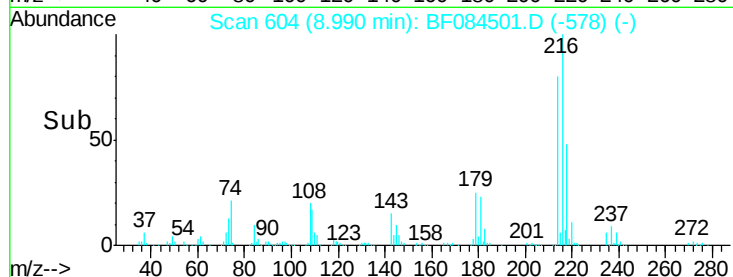


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.93 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

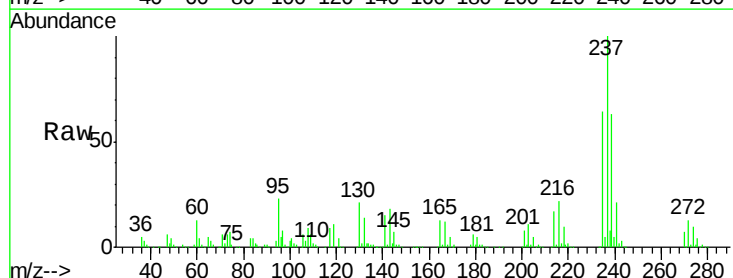
Tgt Ion:237 Resp: 451470

Ion Ratio Lower Upper

237 100

235 64.3 43.1 83.1

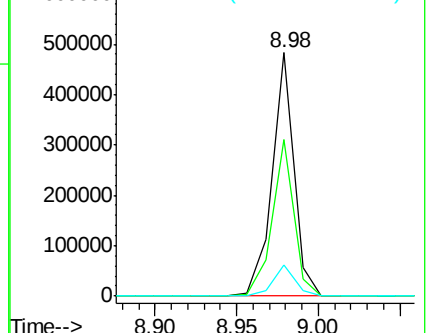
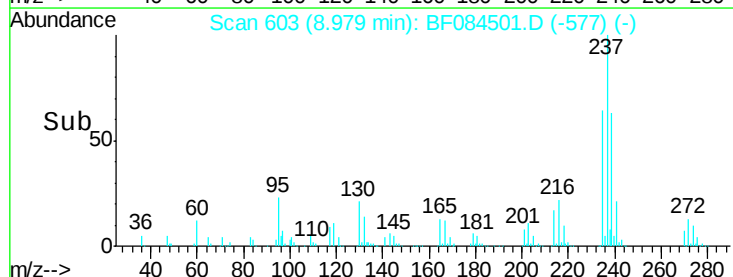
272 12.7 0.0 35.1

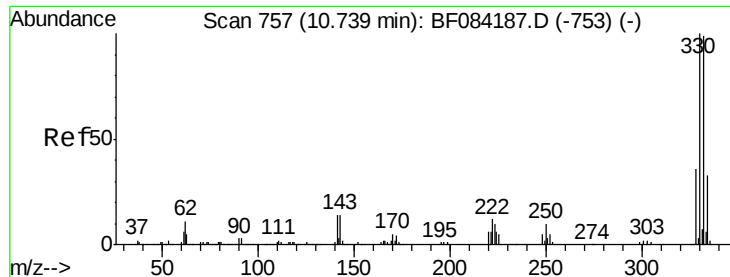


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

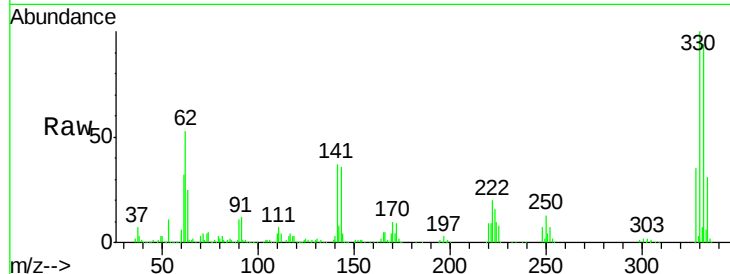




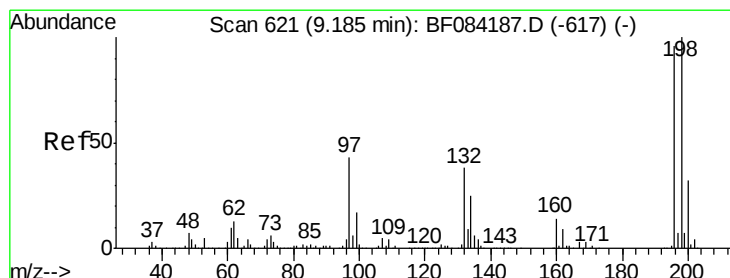
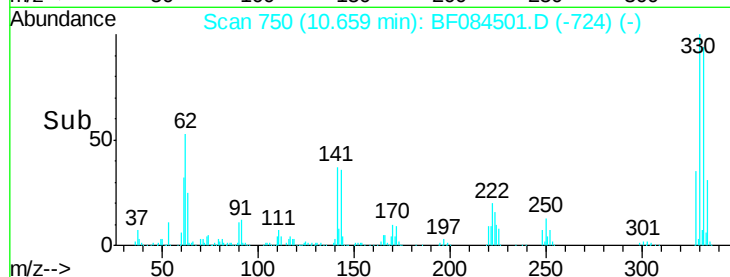
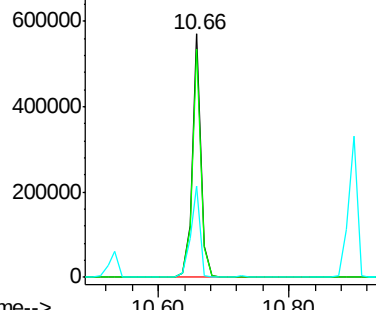
#41
 2,4,6-Tribromophenol
 Concen: 104.66 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :
 CLAYMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	114.8
141	41.2	27.8	41.6

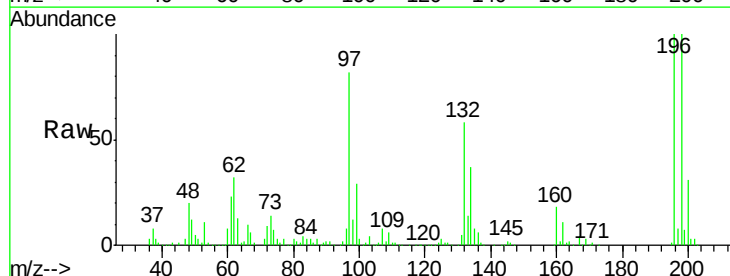


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

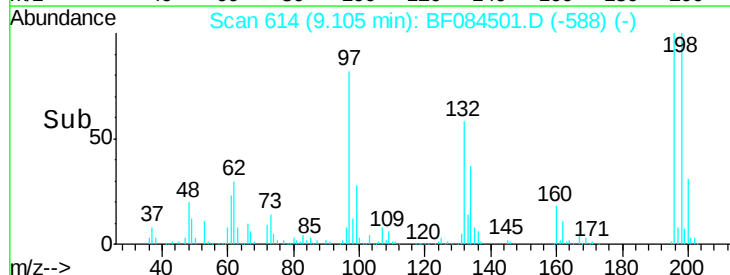
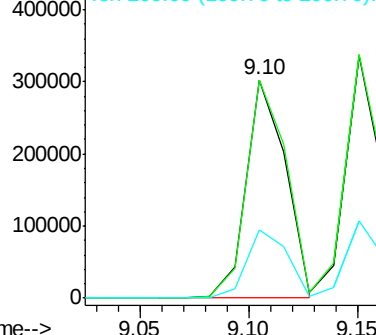


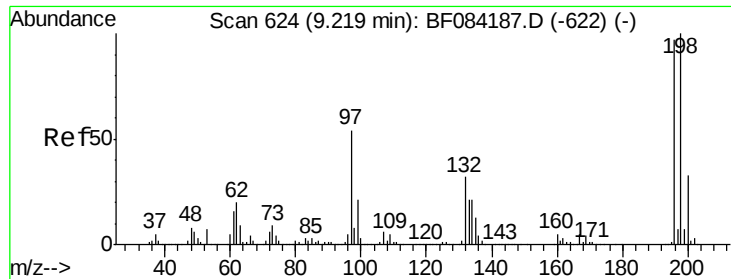
#42
 2,4,6-Trichlorophenol
 Concen: 34.90 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	77.7	116.5
200	31.1	24.6	37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

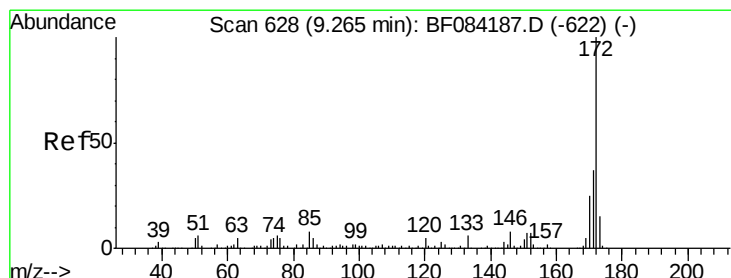
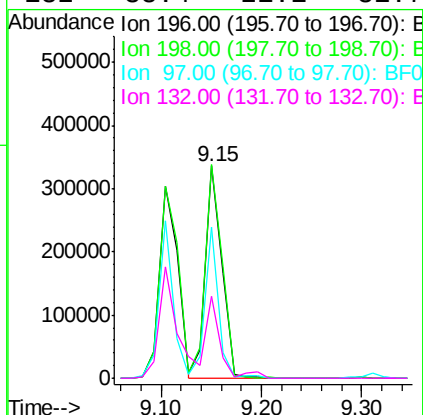
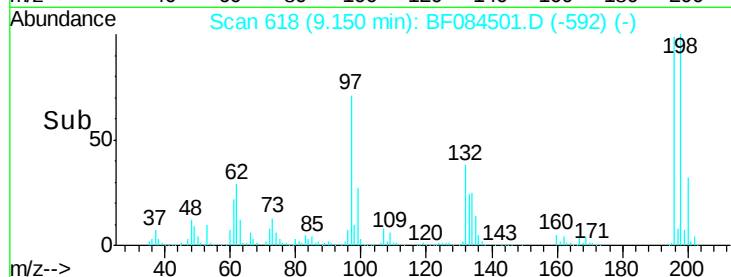
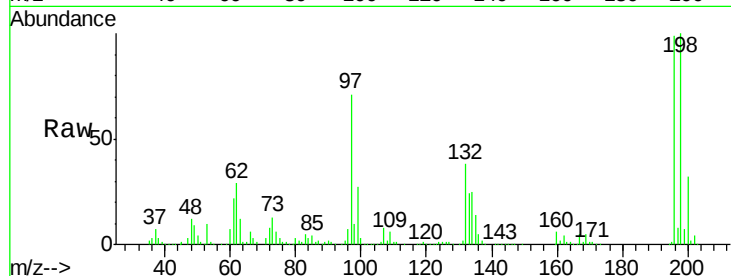




#43
 2,4,5-Trichlorophenol
 Concen: 36.29 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

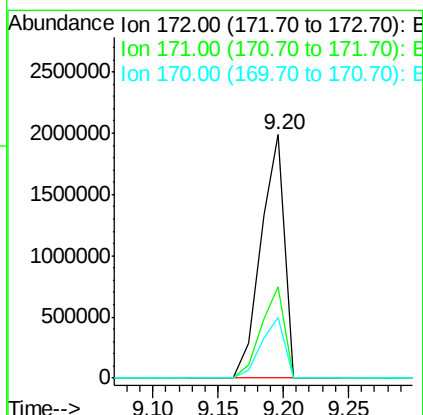
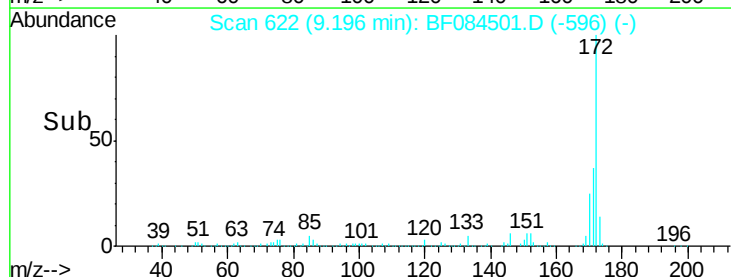
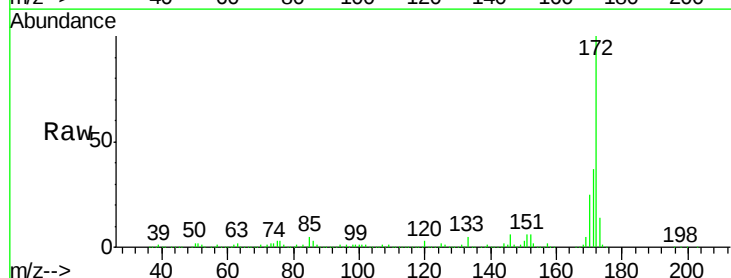
Instrument :
 BNA_F
 ClientSampleId :
 CLAYMSD

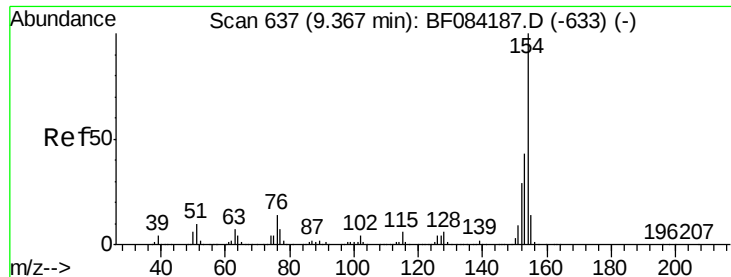
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.6	79.0	118.6
97	71.0	33.0	49.6#
132	38.4	21.1	31.7#



#44
 2-Fluorobiphenyl
 Concen: 85.83 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	25.1	18.6	27.8

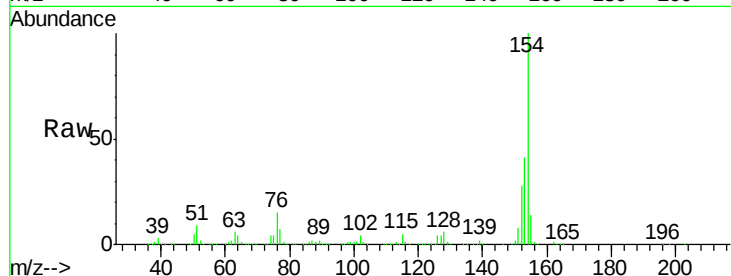




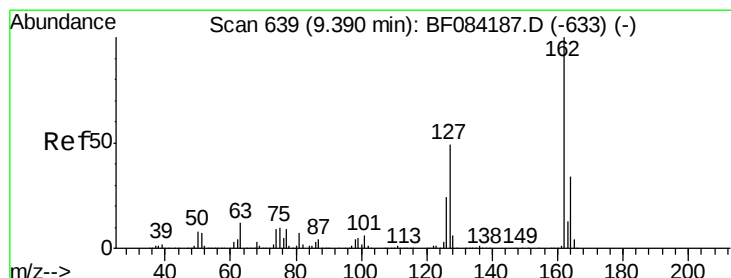
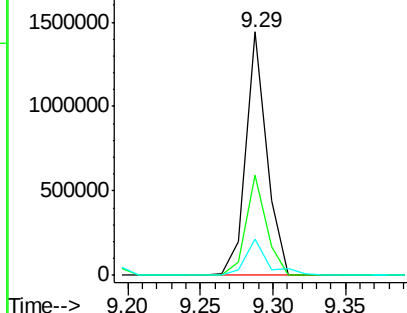
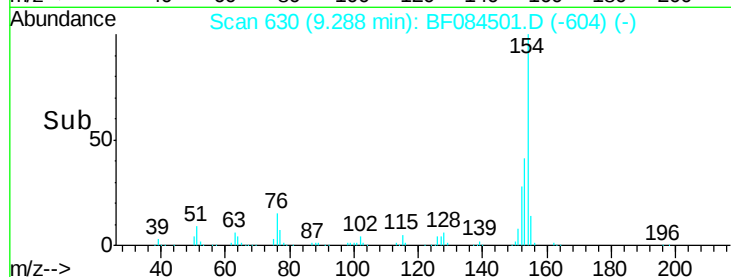
#45
 1,1'-Biphenyl
 Concen: 35.47 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :
 CLAYMSD

Tot Ion:154 Resp: 1439829
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.6 61.6
 76 14.8 0.0 32.7

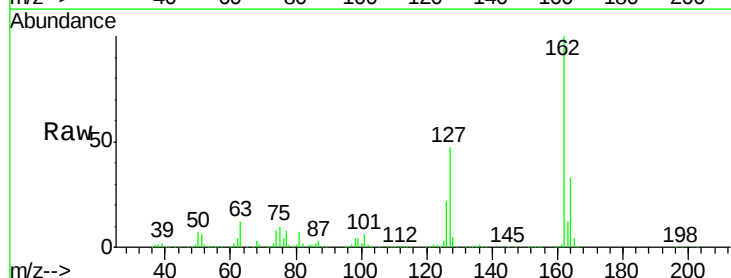


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

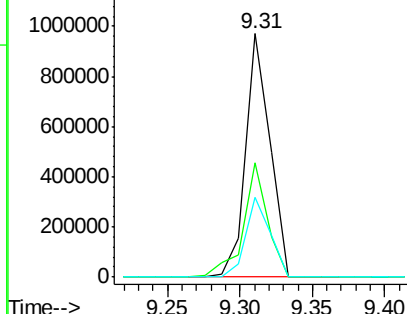
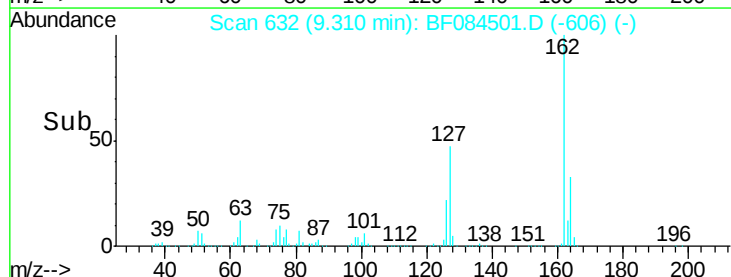


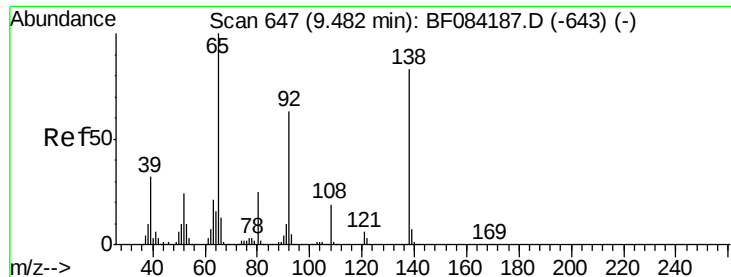
#46
 2-Chloronaphthalene
 Concen: 35.19 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Tgt Ion:162 Resp: 1122273
 Ion Ratio Lower Upper
 162 100
 127 47.2 40.2 60.4
 164 32.9 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

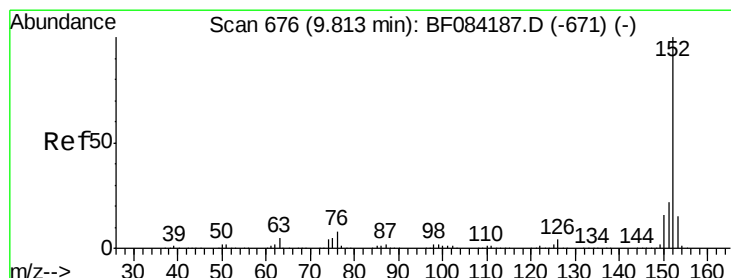
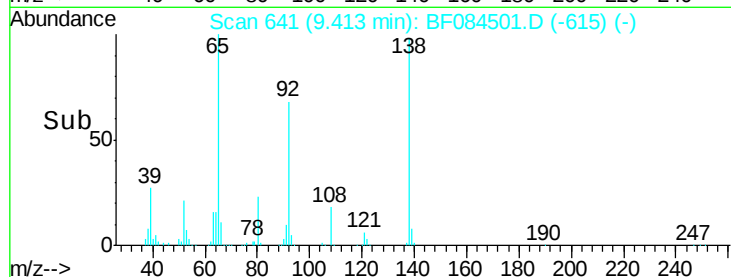
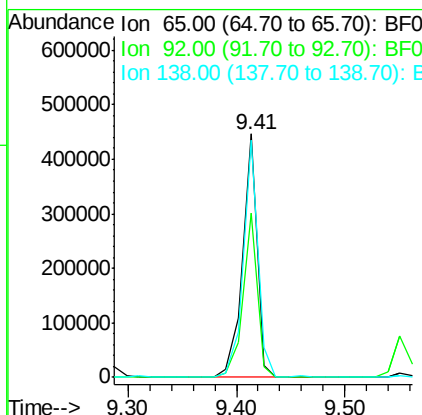
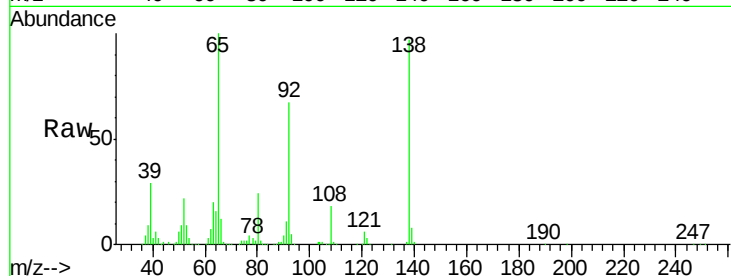




#47
2-Nitroaniline
Concen: 38.58 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

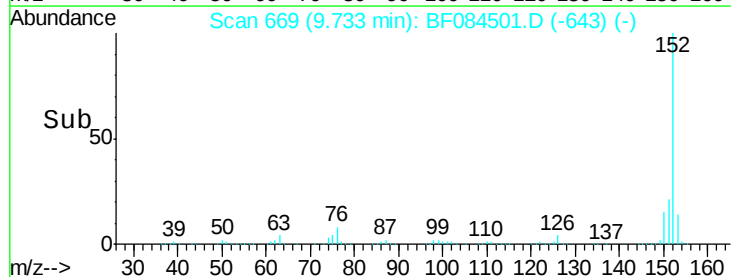
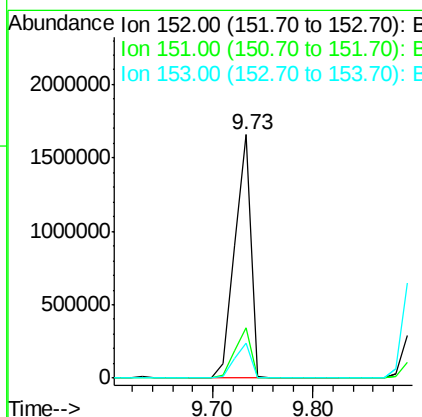
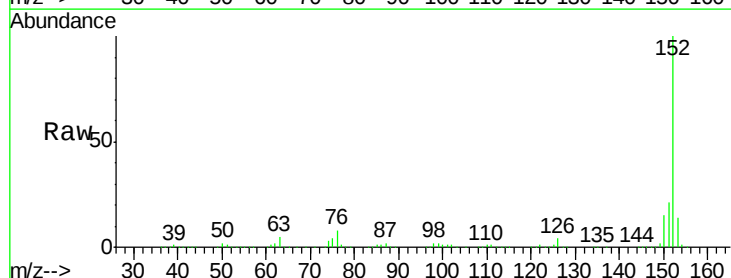
Instrument :
BNA_F
ClientSampleId :
CLAYMSD

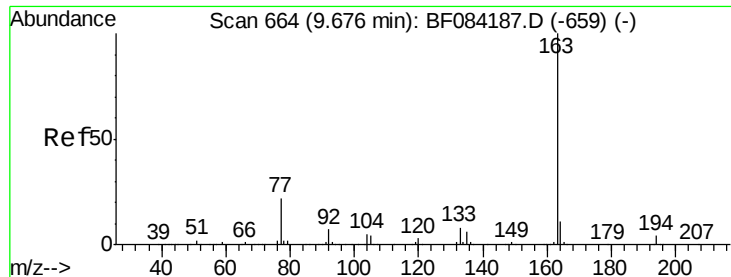
Tot Ion: 65 Resp: 405993
Ion Ratio Lower Upper
65 100
92 67.2 53.4 80.2
138 97.4 71.1 106.7



#48
Acenaphthylene
Concen: 39.03 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion: 152 Resp: 1838539
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.2 10.4 15.6

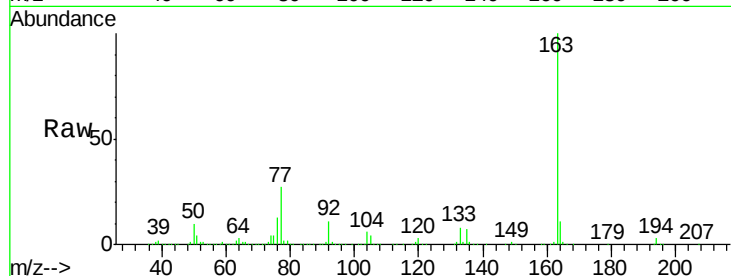




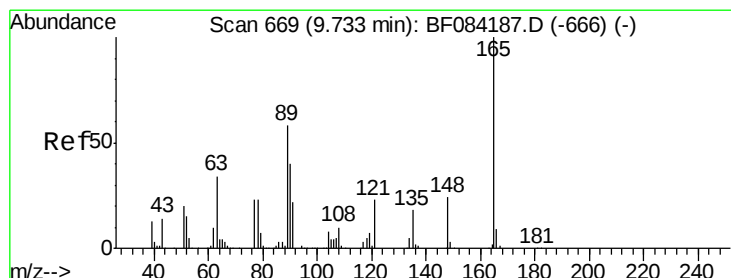
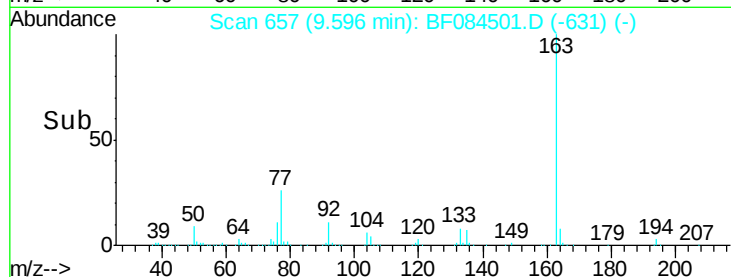
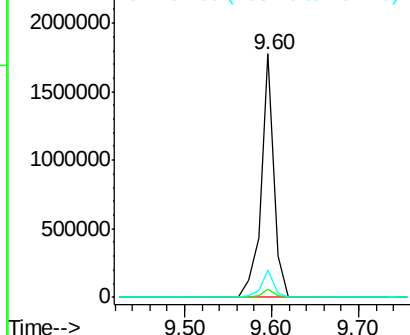
#49
Dimethylphthalate
Concen: 49.74 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :
CLAYMSD

Tot Ion:163 Resp: 1816175
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 11.1 8.0 12.0

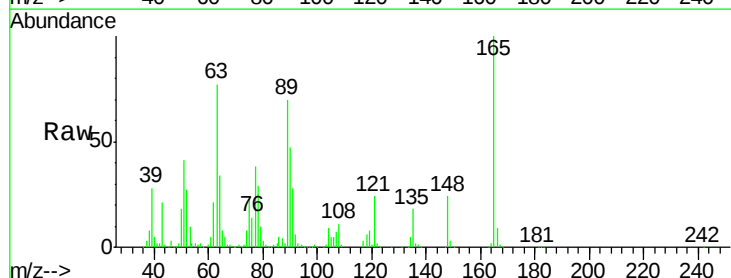


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

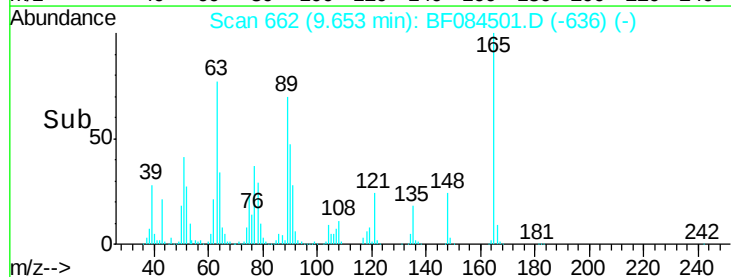
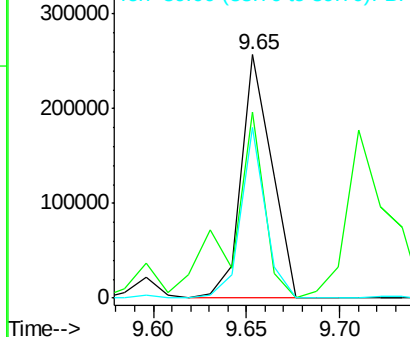


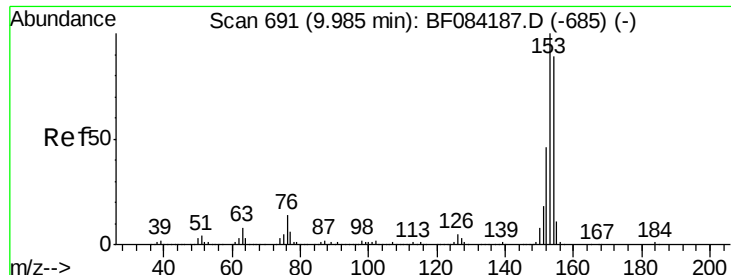
#50
2,6-Dinitrotoluene
Concen: 36.31 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:165 Resp: 290793
Ion Ratio Lower Upper
165 100
63 76.5 28.8 43.2#
89 70.1 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.54 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

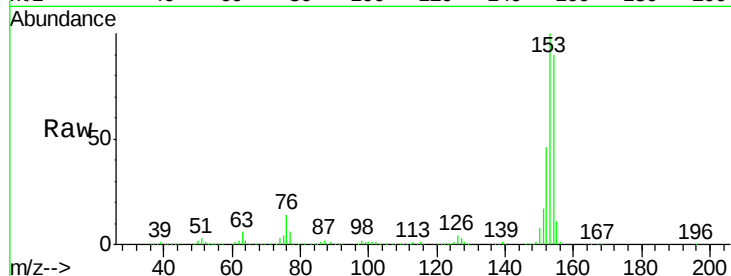
BNA_F

ClientSampleId :

CLAYMSD

Tot Ion:154 Resp: 1312611

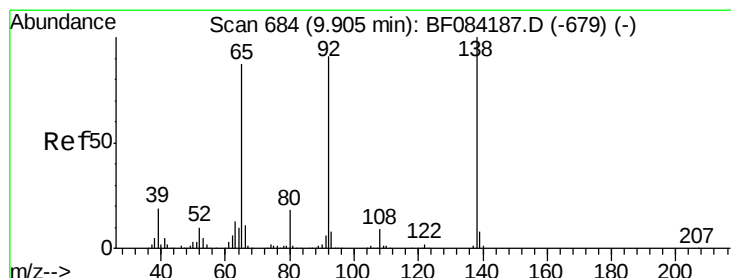
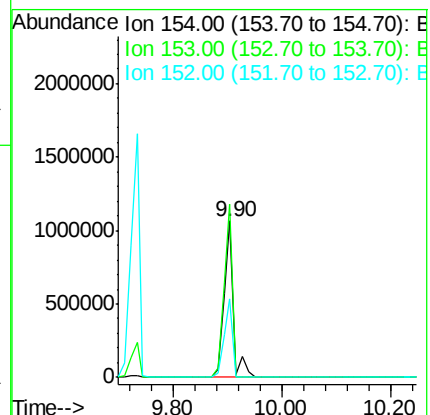
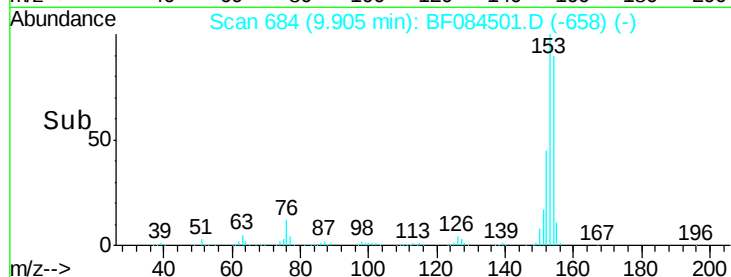
Ion	Ratio	Lower	Upper
154	100		
153	111.1	91.5	137.3
152	50.6	43.0	64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.01 ng

RT: 9.82 min Scan# 677

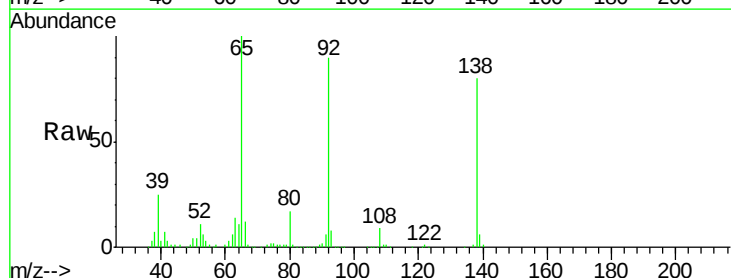
Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Tgt Ion:138 Resp: 218394

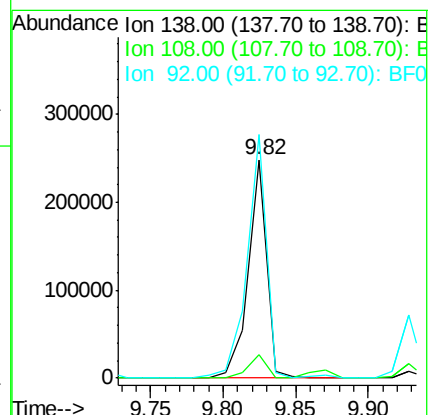
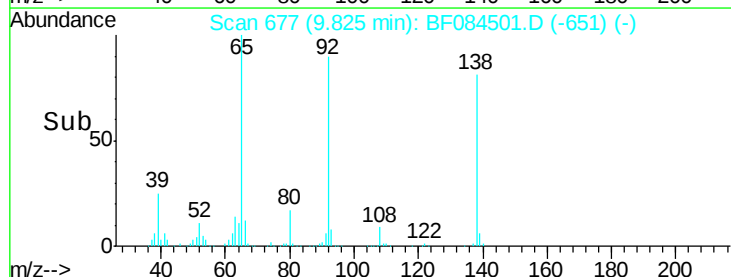
Ion	Ratio	Lower	Upper
138	100		
108	10.6	10.5	15.7
92	111.6	103.9	155.9

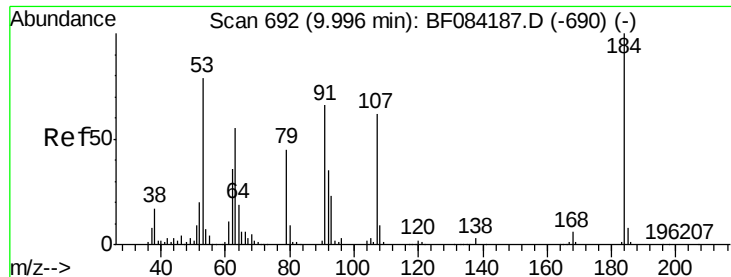


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

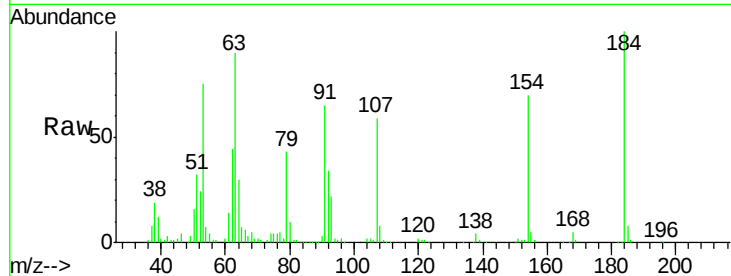




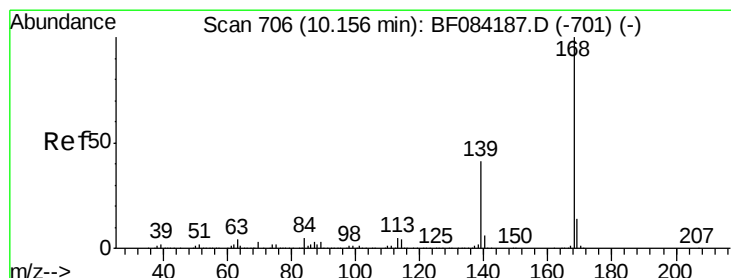
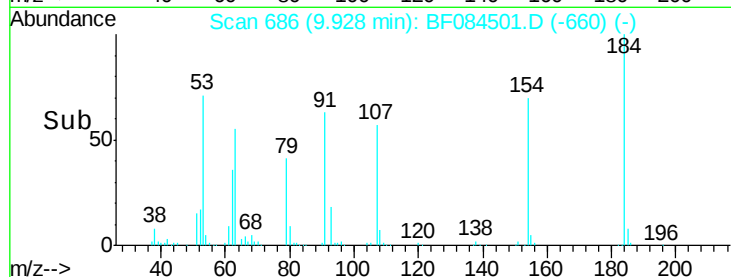
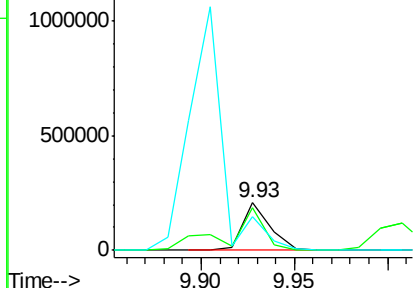
#53
2,4-Dinitrophenol
Concen: 63.59 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :
CLAYMSD

Tot Ion:184 Resp: 214341
Ion Ratio Lower Upper
184 100
63 90.4 43.1 64.7#
154 69.8 60.5 90.7

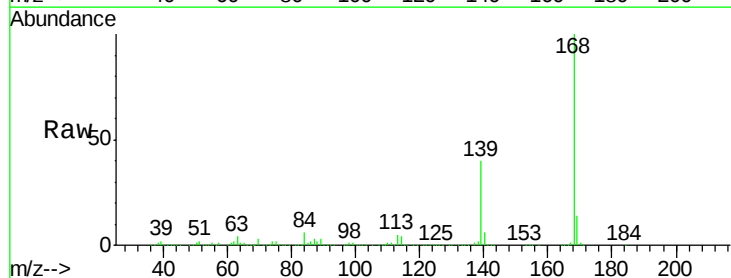


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

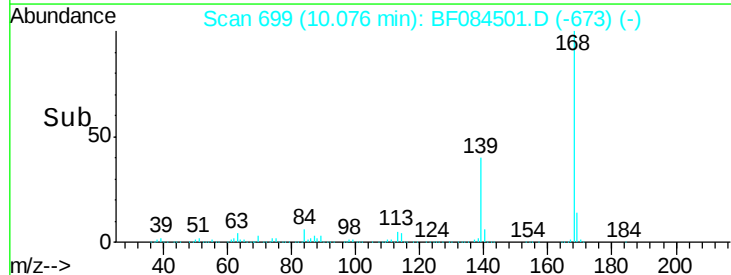
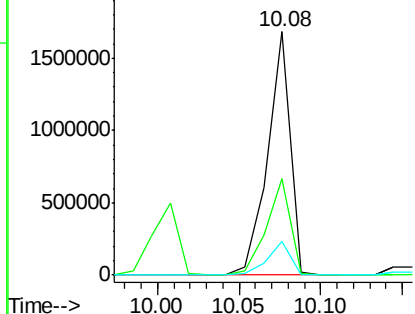


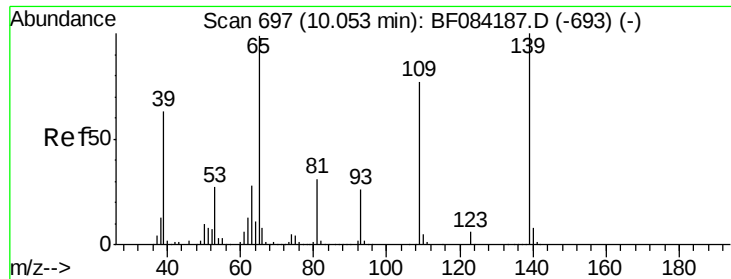
#54
Dibenzofuran
Concen: 39.37 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:168 Resp: 1626423
Ion Ratio Lower Upper
168 100
139 39.6 30.5 45.7
169 13.9 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

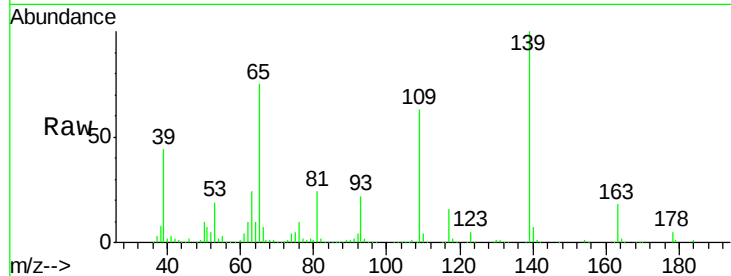




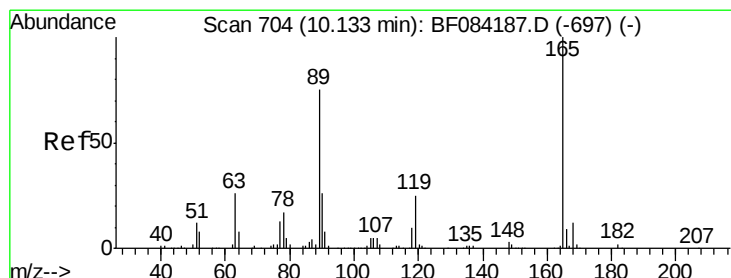
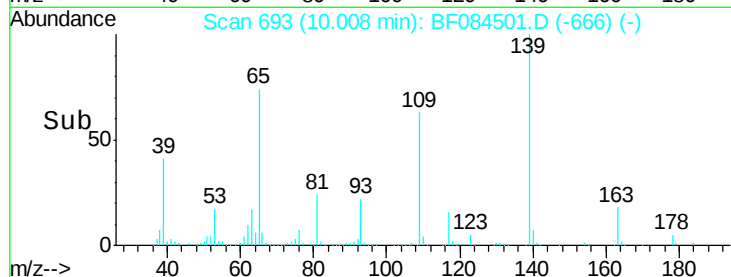
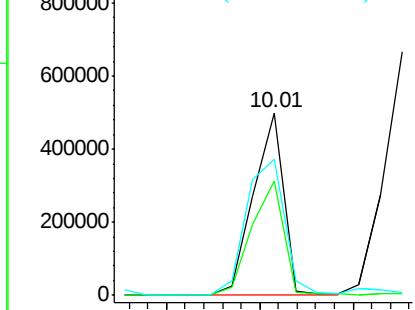
#55
4-Nitrophenol
Concen: 77.95 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :
CLAYMSD

Tot Ion:139 Resp: 561516
Ion Ratio Lower Upper
139 100
109 62.6 58.5 98.5
65 74.9 57.6 97.6

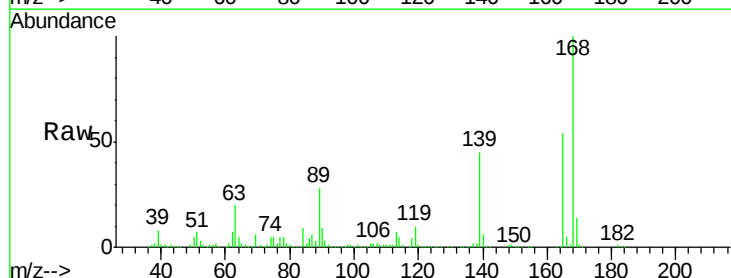


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

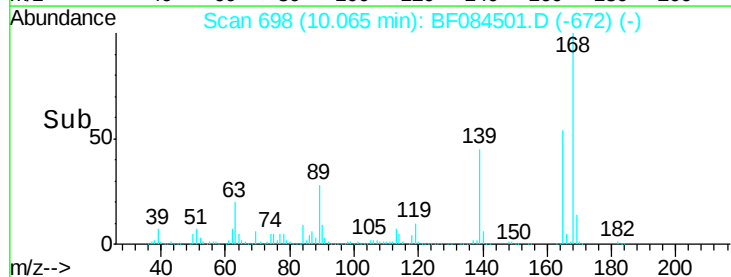
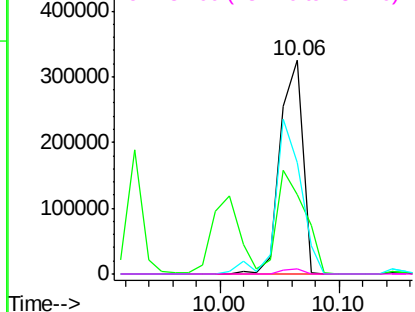


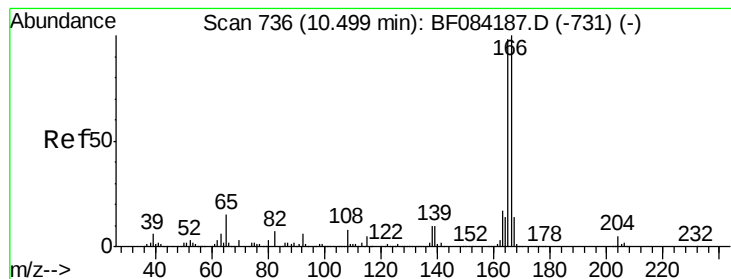
#56
2,4-Dinitrotoluene
Concen: 41.62 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:165 Resp: 421896
Ion Ratio Lower Upper
165 100
63 37.0 36.7 55.1
89 52.0 61.9 92.9#
182 2.3 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.55 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

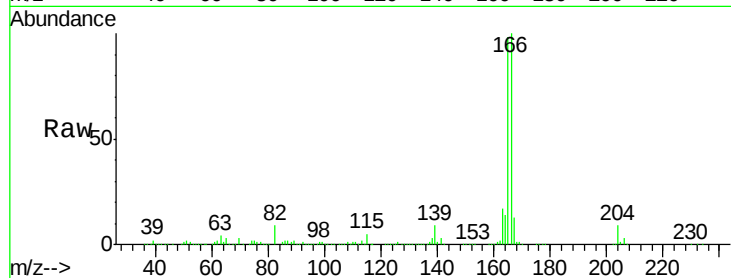
Tot Ion:166 Resp: 1260777

Ion Ratio Lower Upper

166 100

165 98.0 79.1 118.7

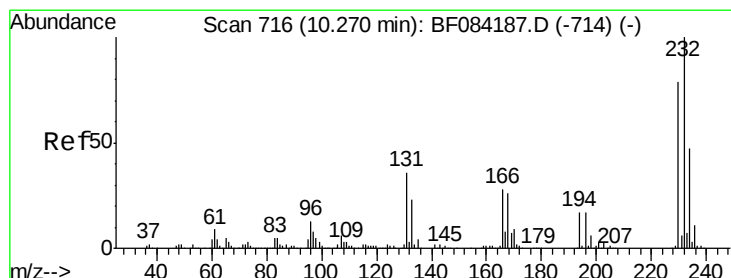
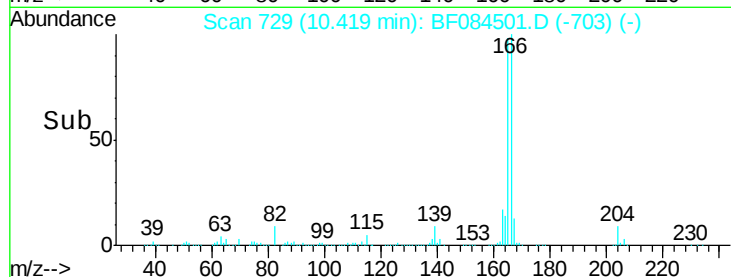
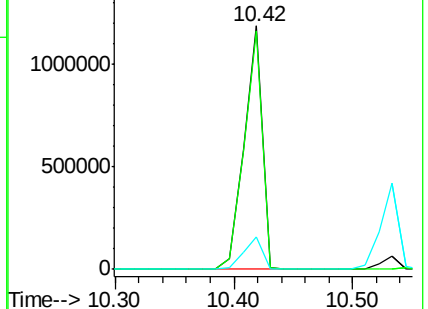
167 13.5 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.10 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Tgt Ion:232 Resp: 315581

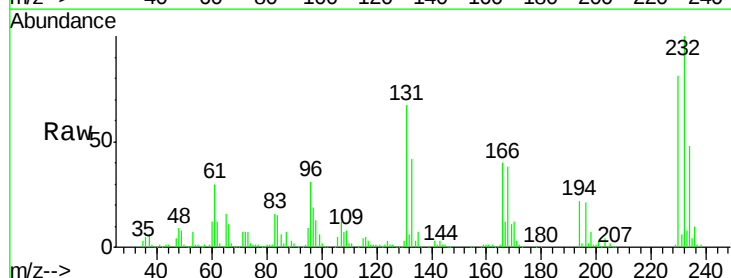
Ion Ratio Lower Upper

232 100

131 51.0 47.0 70.6

130 2.5 2.0 3.0

166 31.9 30.5 45.7

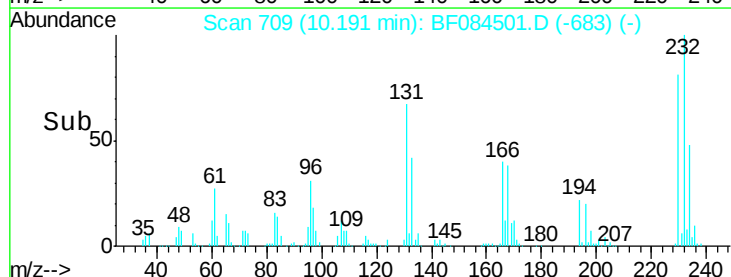
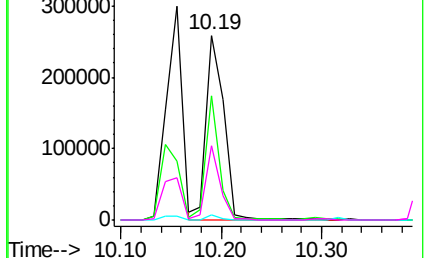


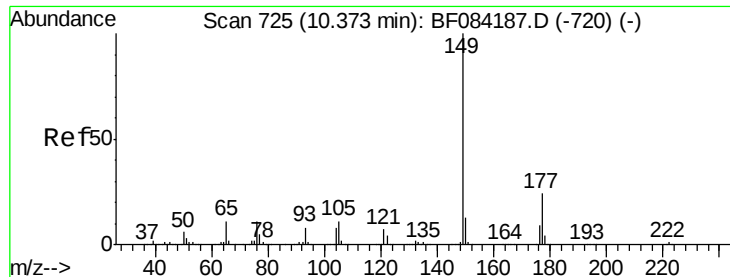
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

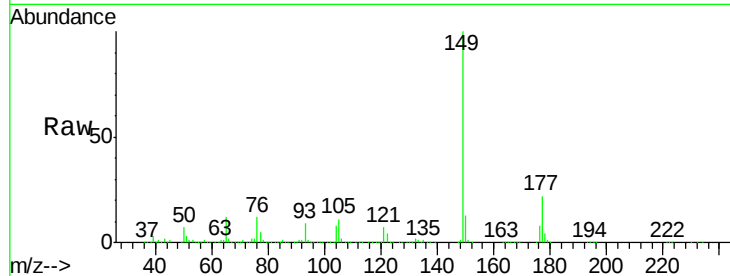




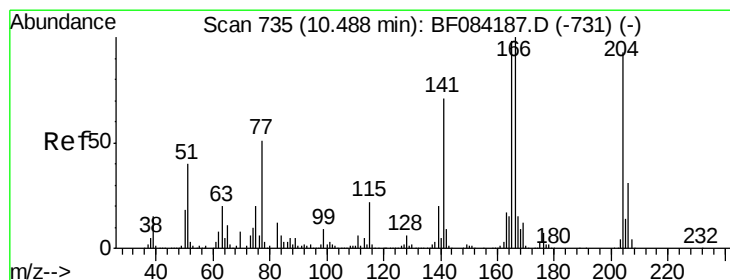
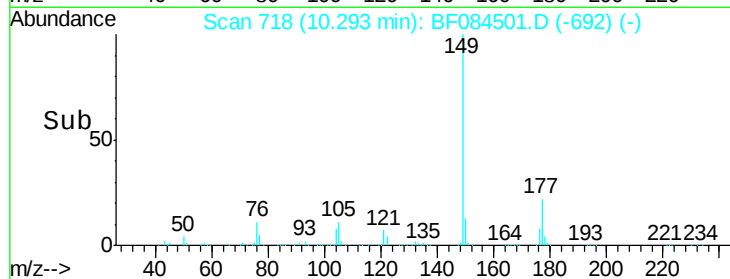
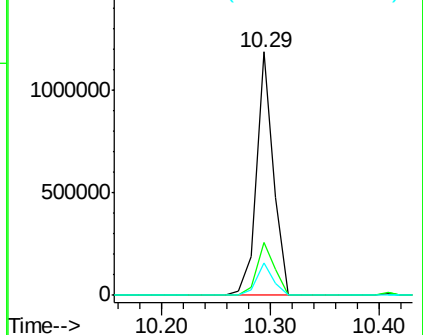
#59
Diethylphthalate
Concen: 35.80 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :
CLAYMSD

Tot Ion:149 Resp: 1288955
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 13.3 9.8 14.8

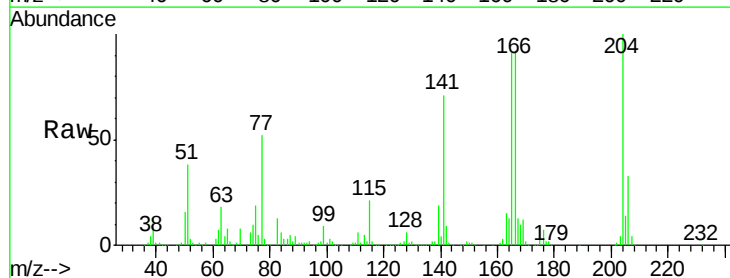


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

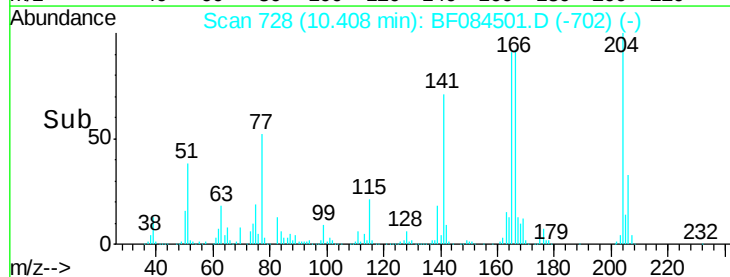
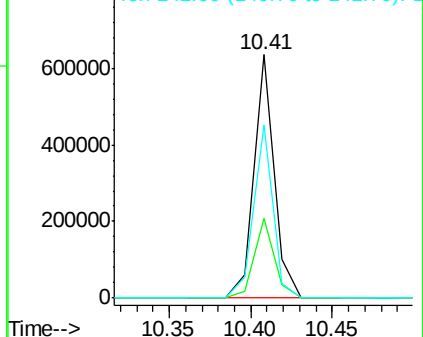


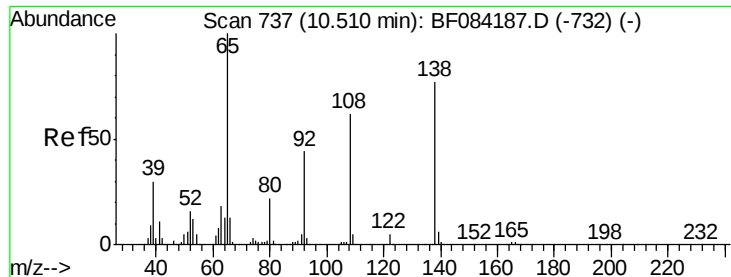
#60
4-Chlorophenyl-phenylether
Concen: 40.30 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:204 Resp: 549199
Ion Ratio Lower Upper
204 100
206 32.6 25.7 38.5
141 71.3 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

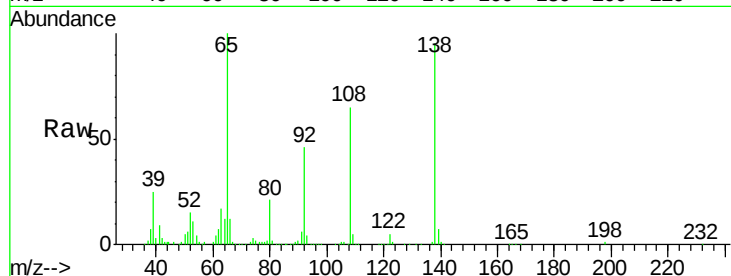




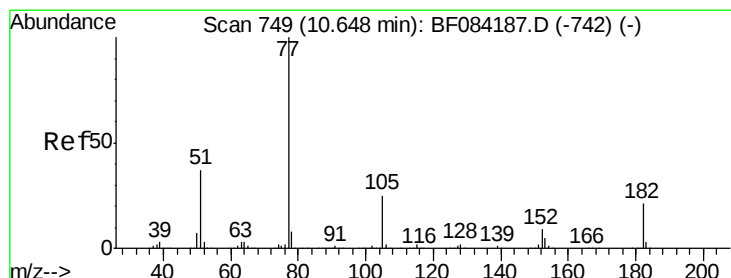
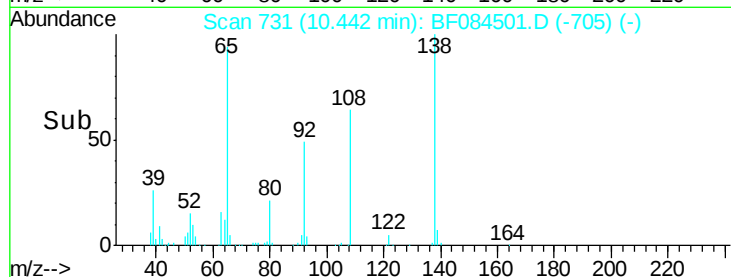
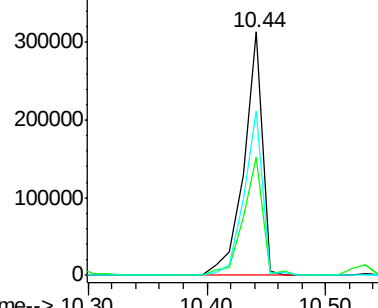
#61
4-Nitroaniline
Concen: 38.41 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :
CLAYMSD

Tot Ion:138 Resp: 339753
Ion Ratio Lower Upper
138 100
92 48.6 32.6 72.6
108 67.6 68.6 108.6#

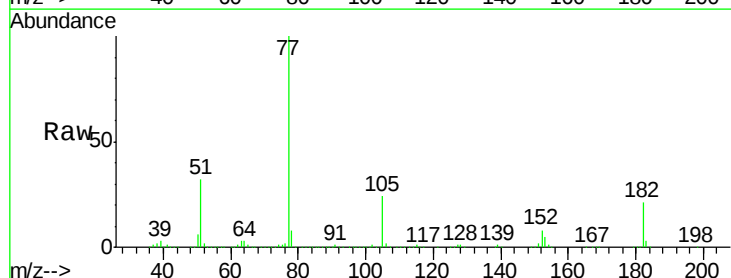


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

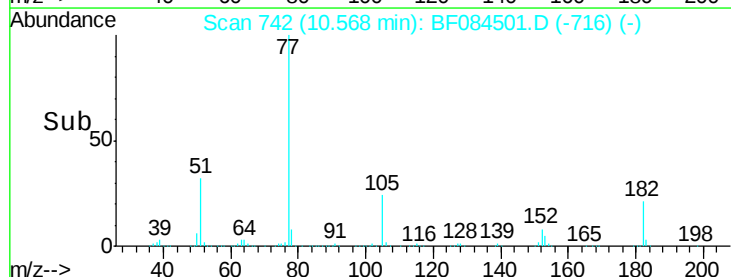
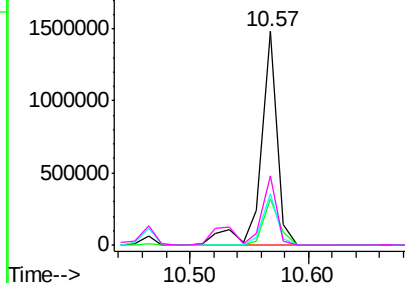


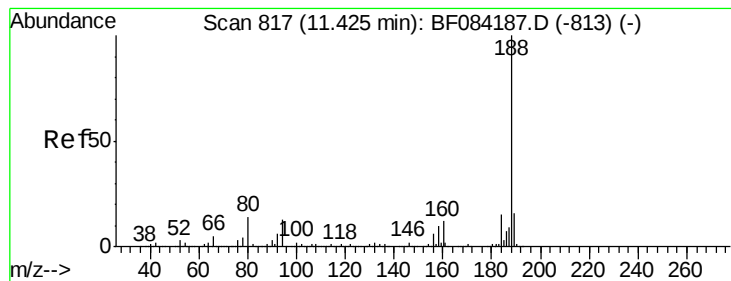
#62
Azobenzene
Concen: 36.01 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion: 77 Resp: 1422157
Ion Ratio Lower Upper
77 100
182 21.3 8.3 48.3
105 24.2 4.6 44.6
51 32.4 6.2 46.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

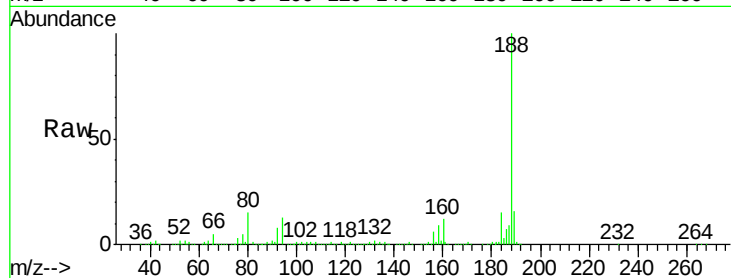
Tot Ion:188 Resp: 870545

Ion Ratio Lower Upper

188 100

94 13.4 9.0 13.4

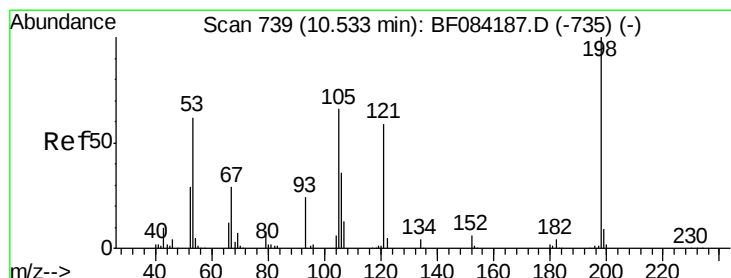
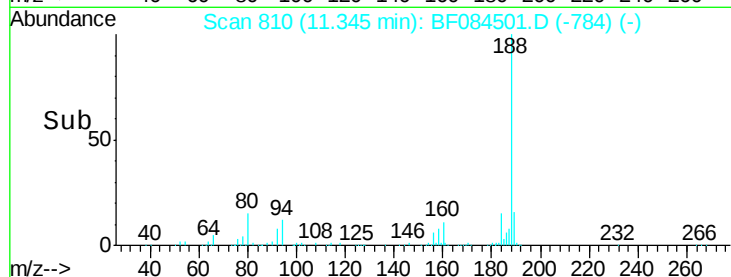
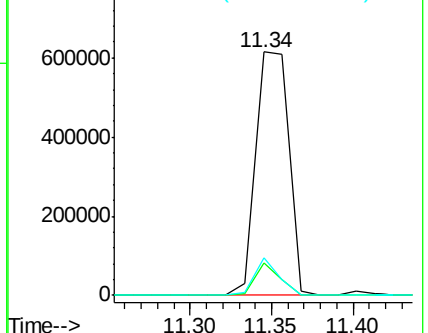
80 15.2 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.18 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

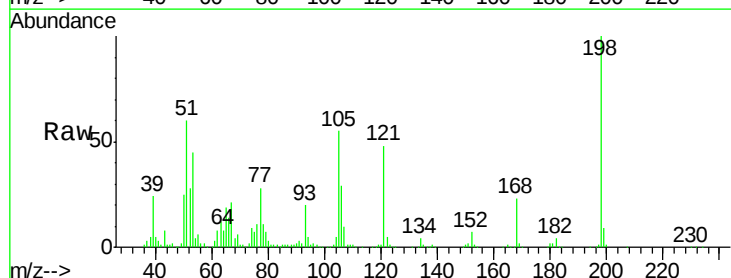
Tgt Ion:198 Resp: 192038

Ion Ratio Lower Upper

198 100

51 59.7 18.9 58.9#

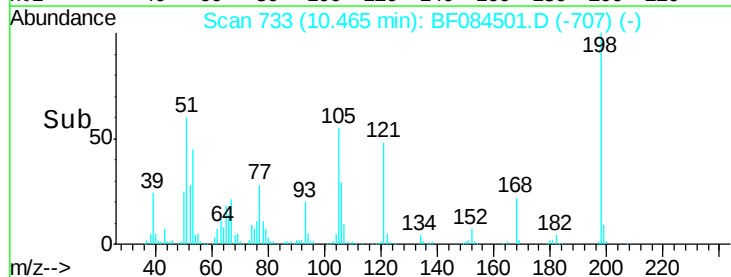
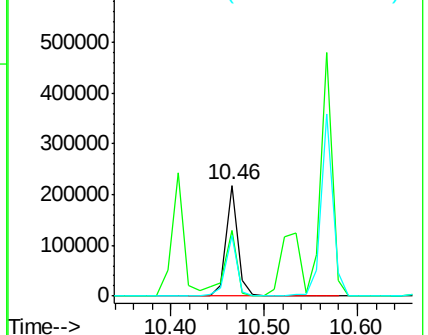
105 54.7 26.4 66.4

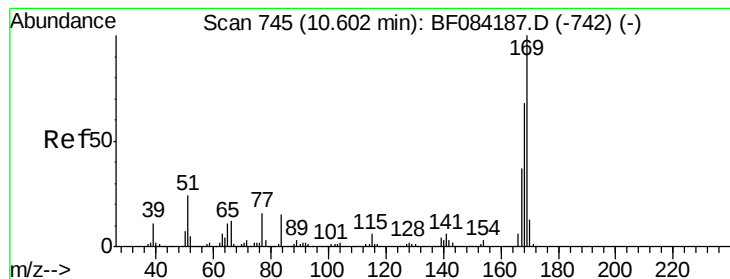


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.15 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

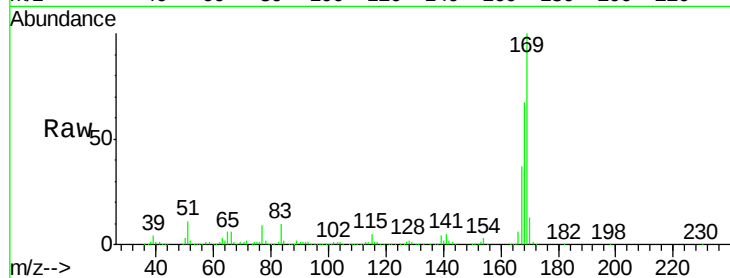
Tot Ion:169 Resp: 1173059

Ion Ratio Lower Upper

169 100

168 67.1 55.1 82.7

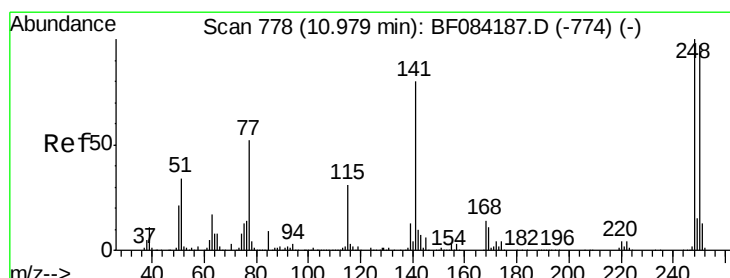
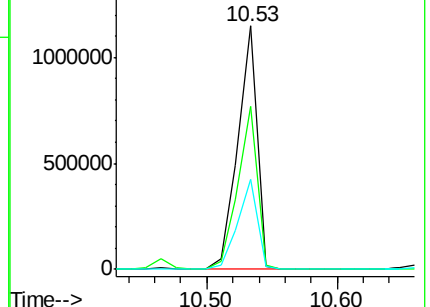
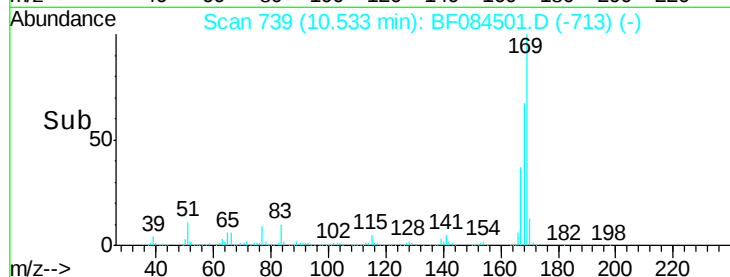
167 36.9 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.71 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

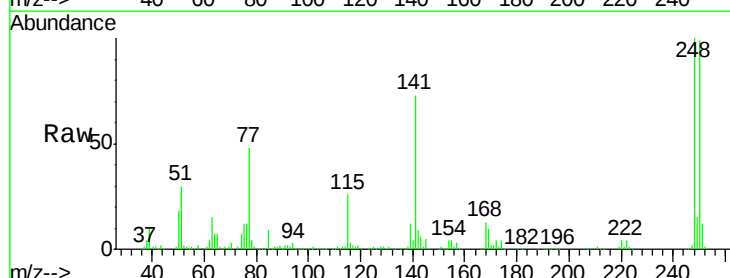
Tgt Ion:248 Resp: 381490

Ion Ratio Lower Upper

248 100

250 98.8 78.4 117.6

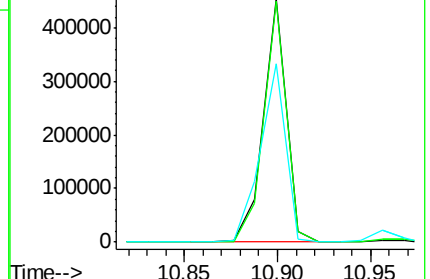
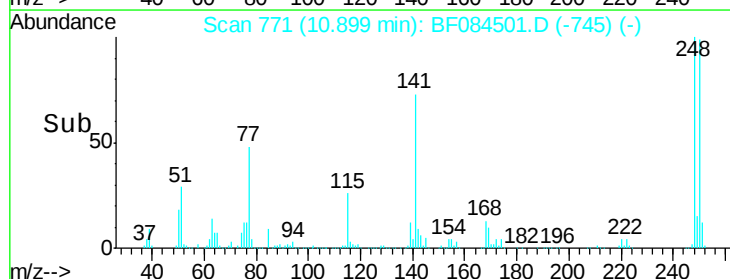
141 73.1 44.0 66.0#

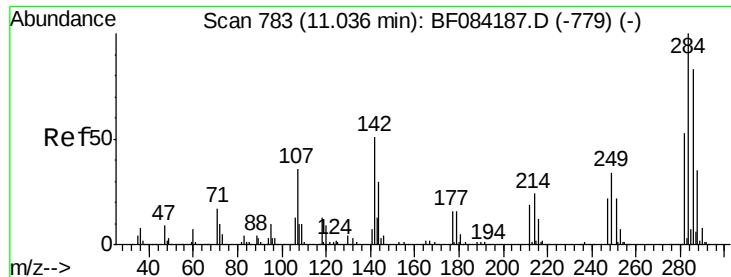


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

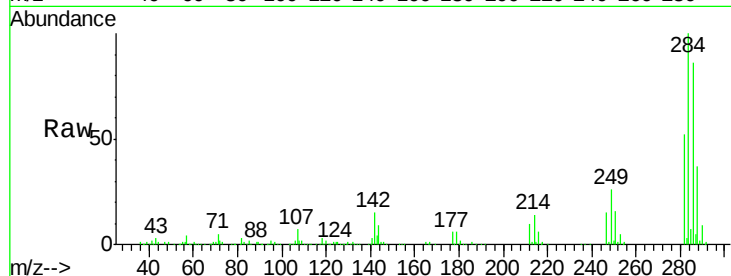




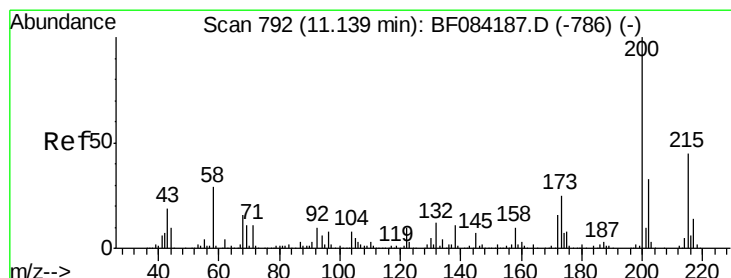
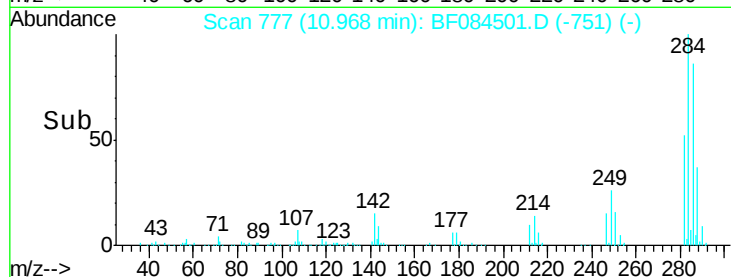
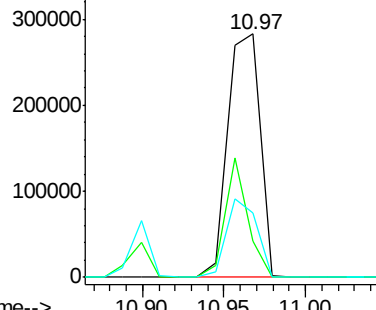
#67
Hexachlorobenzene
Concen: 37.09 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :
CLAYMSD

Tot Ion:284 Resp: 391153
Ion Ratio Lower Upper
284 100
142 14.9 22.2 33.4#
249 26.2 24.6 37.0

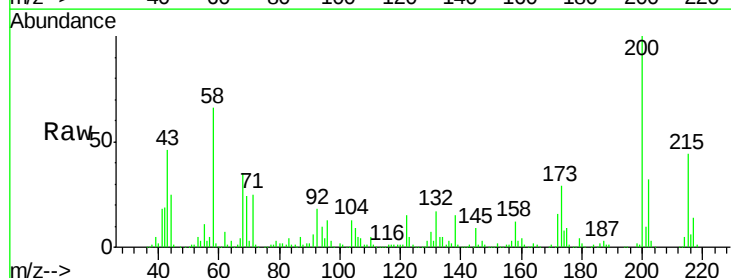


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

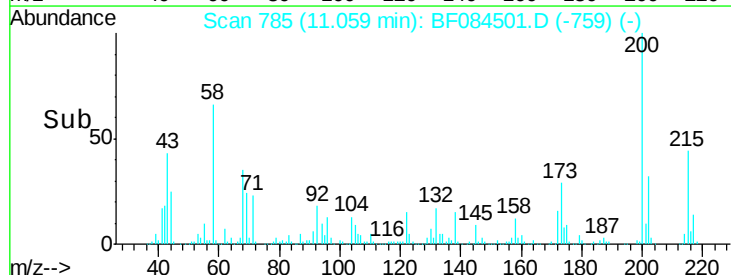
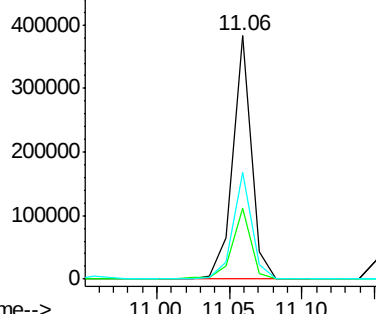


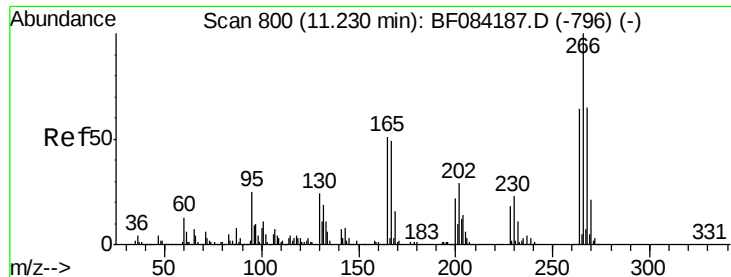
#68
Atrazine
Concen: 37.54 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:200 Resp: 341895
Ion Ratio Lower Upper
200 100
173 29.2 9.5 49.5
215 44.0 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

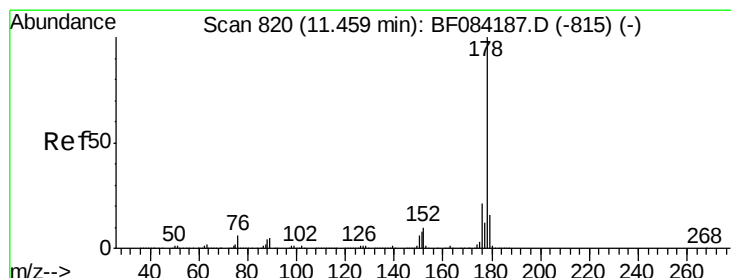
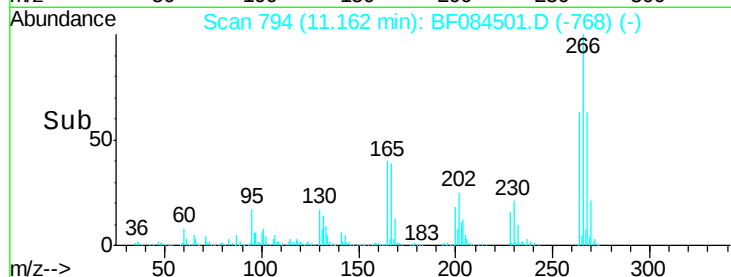
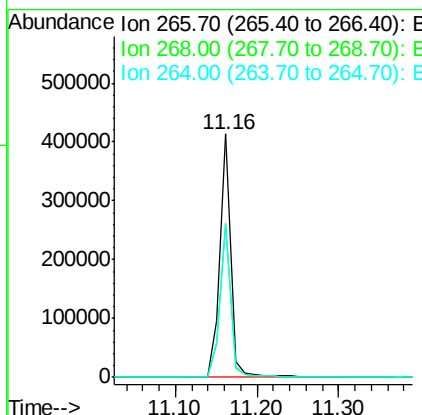
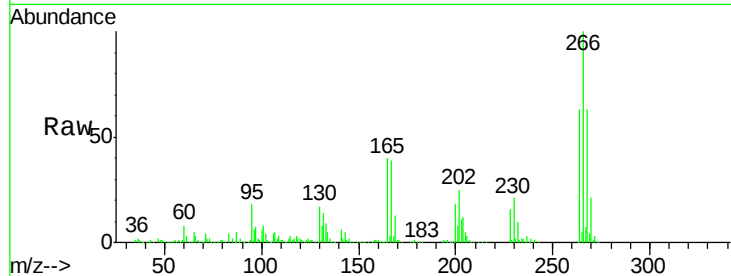




#69
 Pentachlorophenol
 Concen: 71.14 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

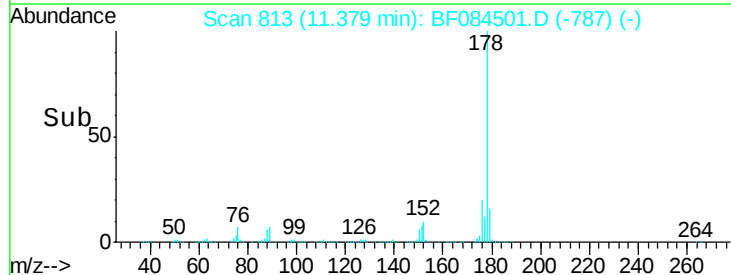
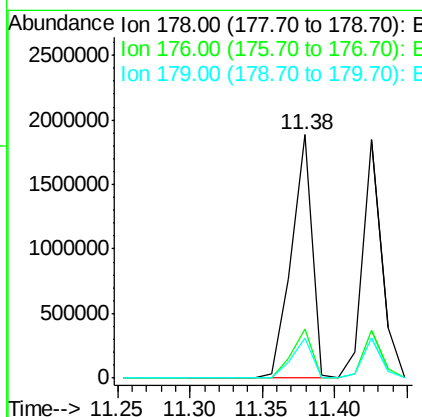
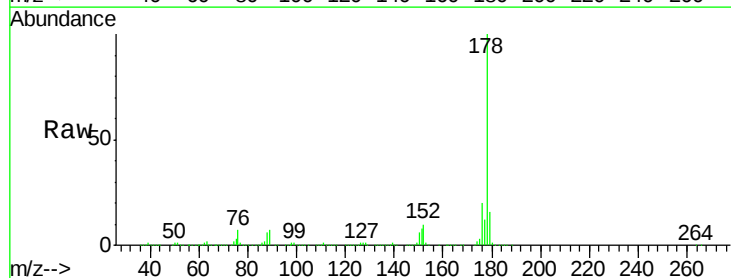
Instrument :
 BNA_F
 ClientSampleId :
 CLAYMSD

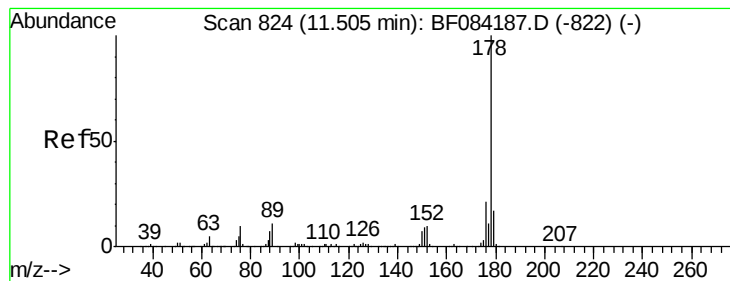
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	52.4	78.6
264	62.7	50.2	75.2



#70
 Phenanthrene
 Concen: 41.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.3	22.9
179	16.3	12.0	18.0





#71

Anthracene

Concen: 37.64 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

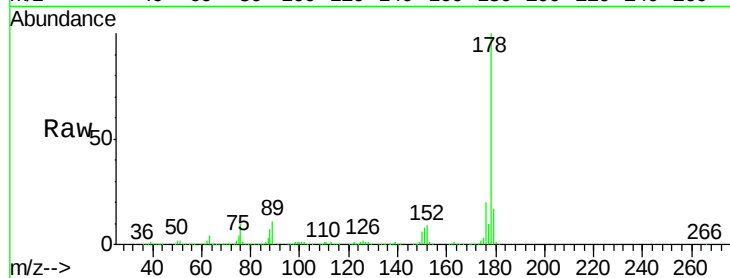
Tot Ion:178 Resp: 1680171

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.0

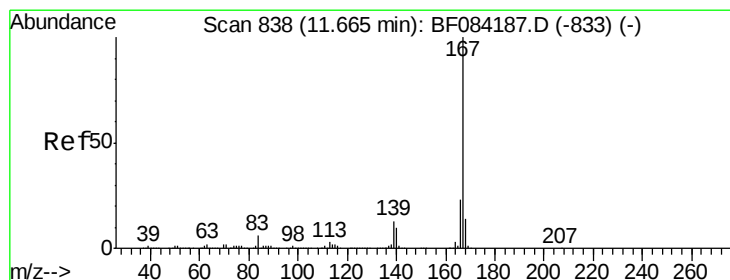
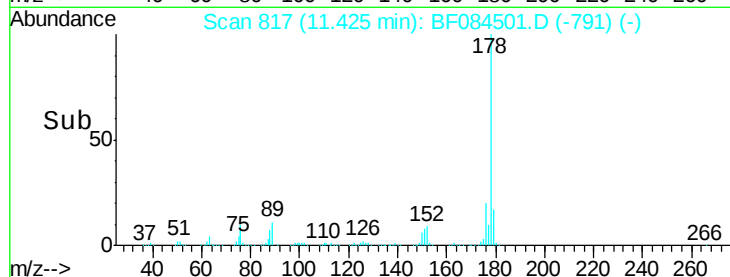
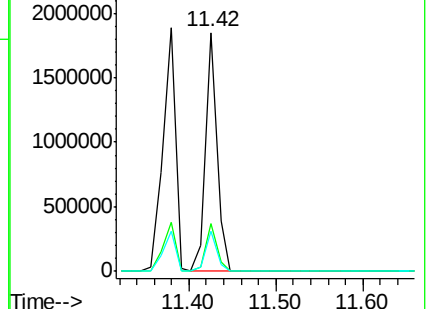
179 16.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.69 ng

RT: 11.58 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

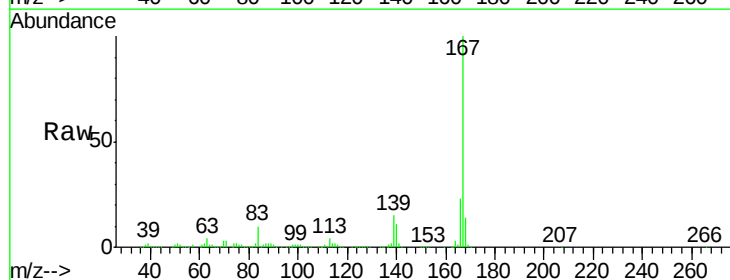
Tgt Ion:167 Resp: 1557582

Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

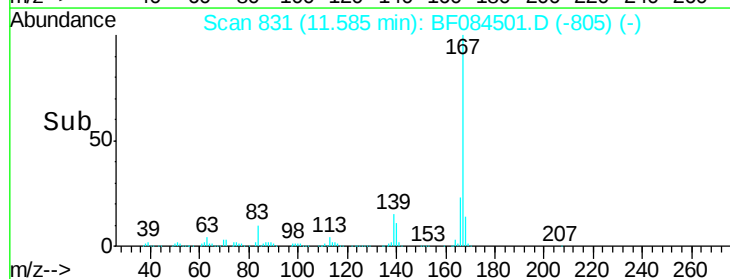
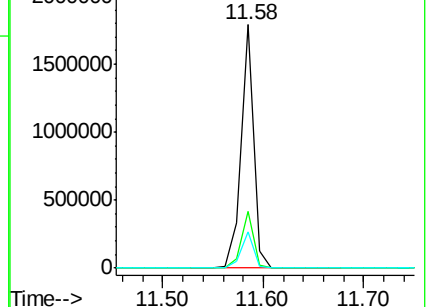
139 14.7 11.8 17.8

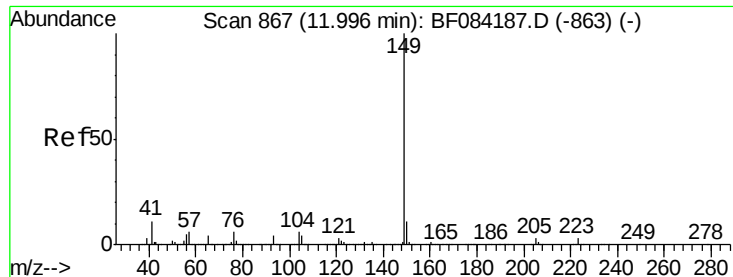


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.40 ng

RT: 11.92 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

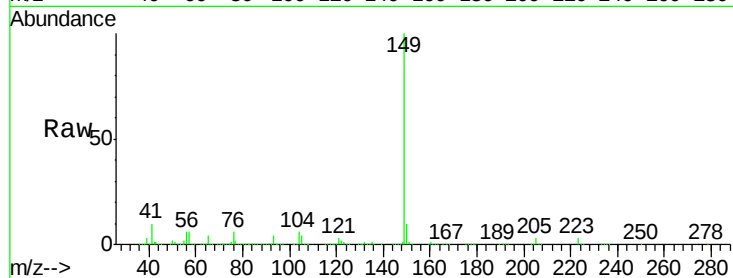
Tot Ion:149 Resp: 1888411

Ion Ratio Lower Upper

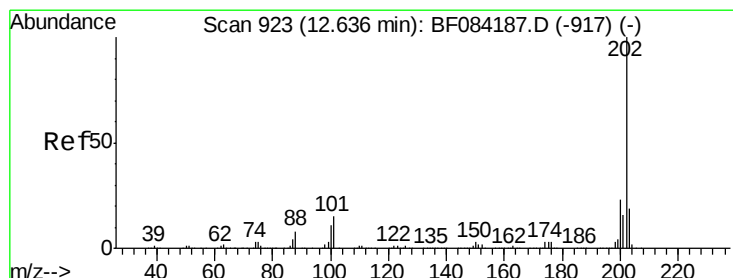
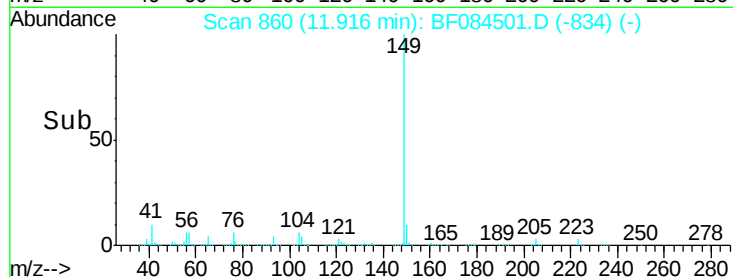
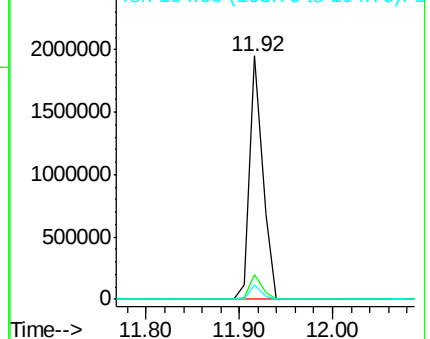
149 100

150 10.0 7.1 10.7

104 5.9 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.65 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

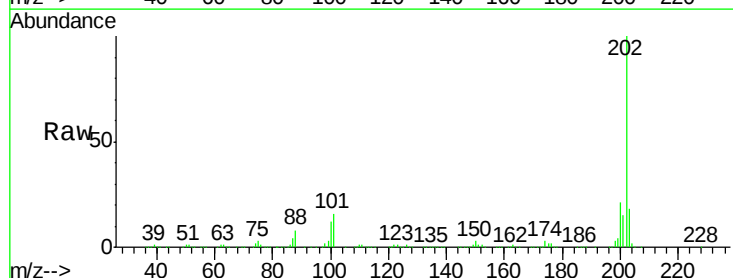
Tgt Ion:202 Resp: 1695722

Ion Ratio Lower Upper

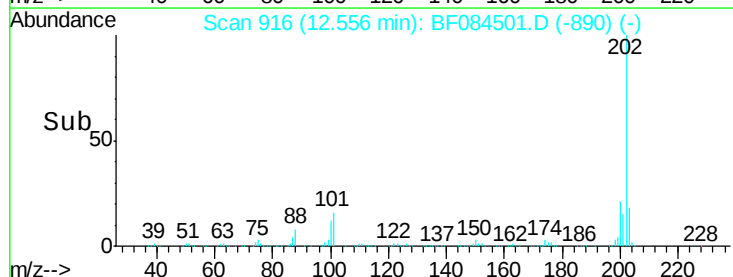
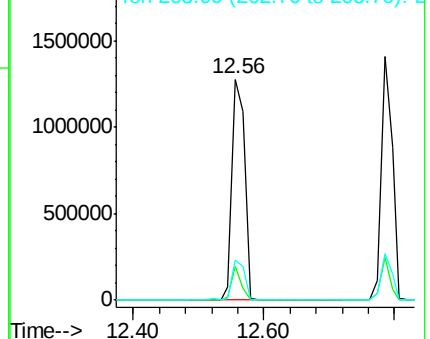
202 100

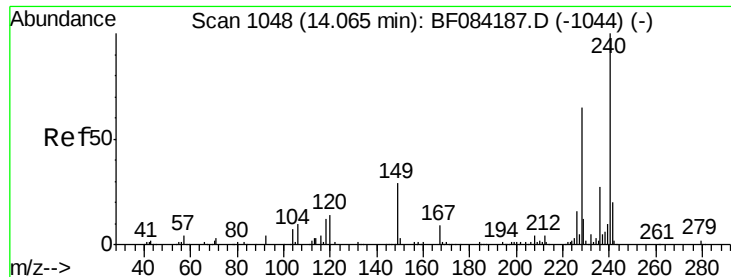
101 15.5 0.0 32.8

203 18.5 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

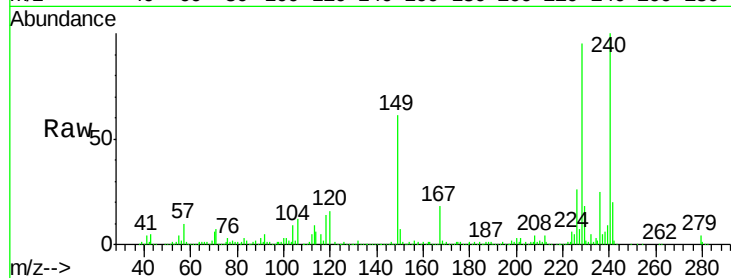
Tot Ion:240 Resp: 577490

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

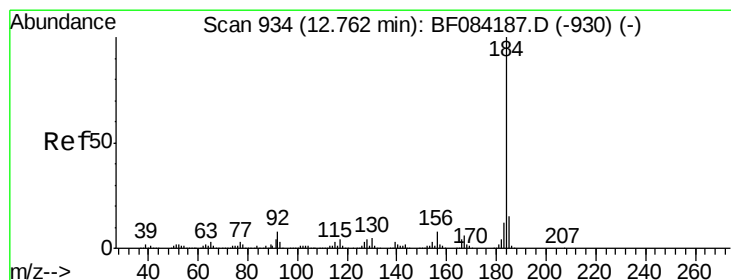
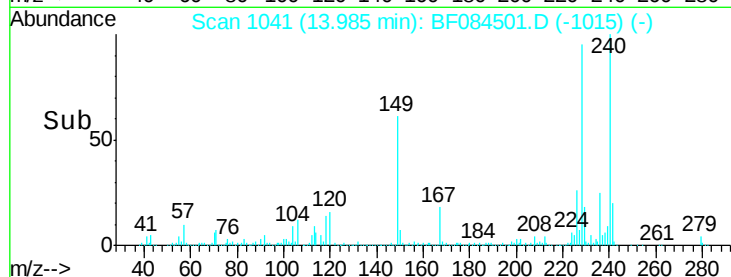
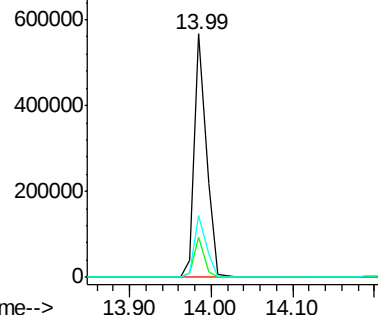
236 25.4 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.47 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

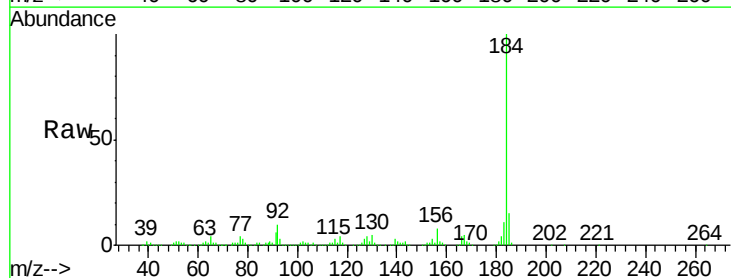
Tgt Ion:184 Resp: 630963

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

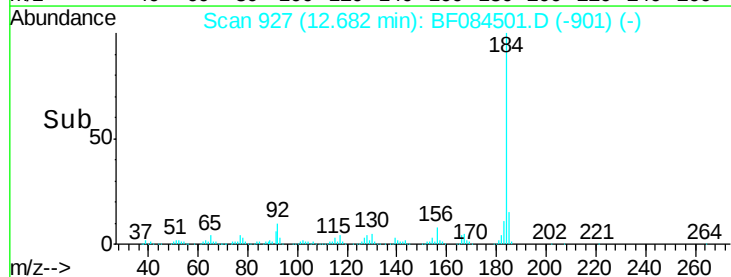
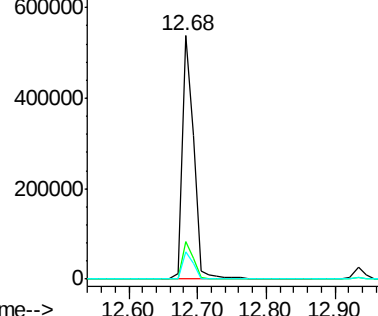
183 11.3 9.8 14.8

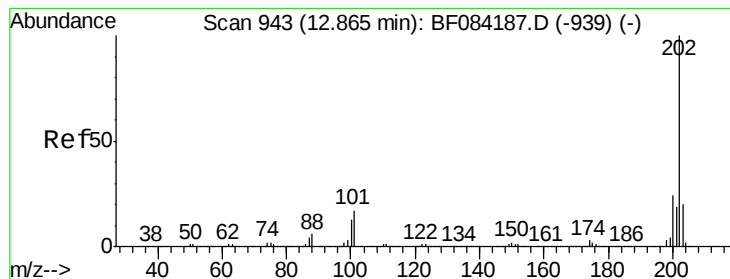


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.81 ng

RT: 12.79 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

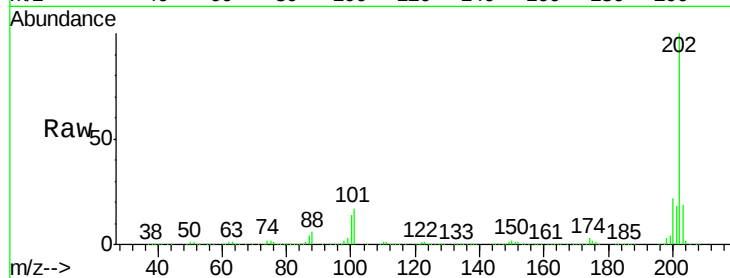
Tot Ion:202 Resp: 1668318

Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

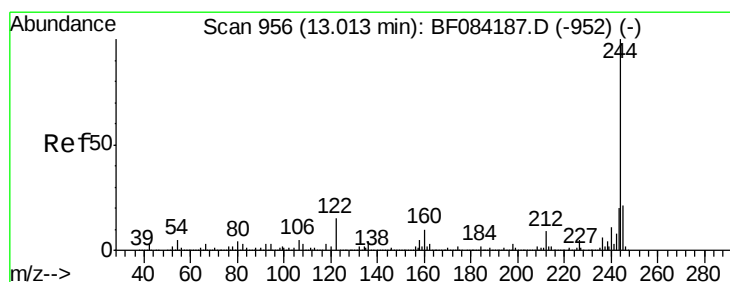
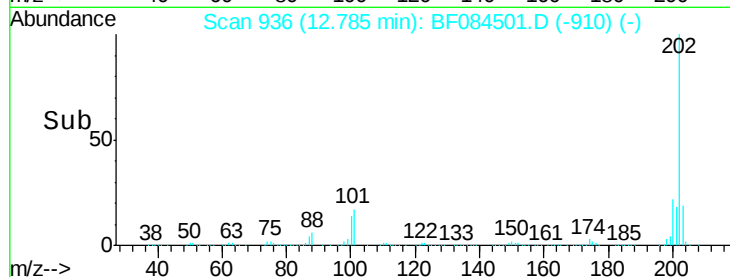
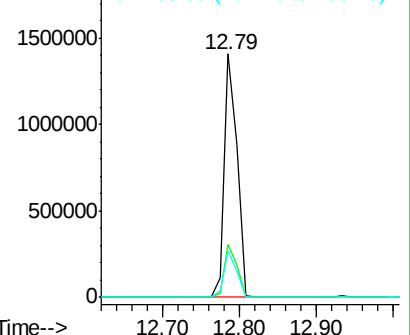
203 19.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.07 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

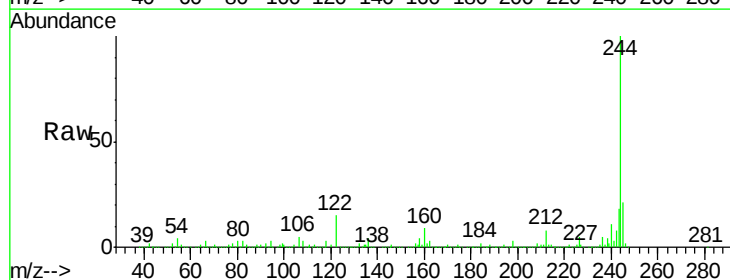
Tgt Ion:244 Resp: 1967909

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

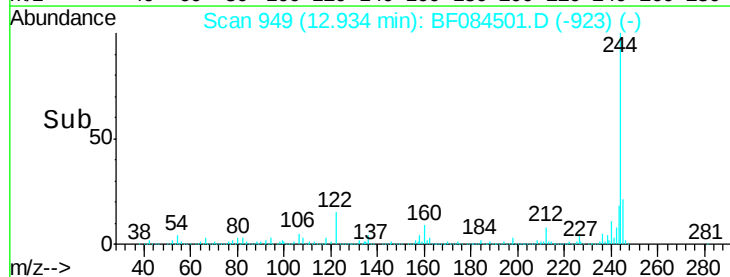
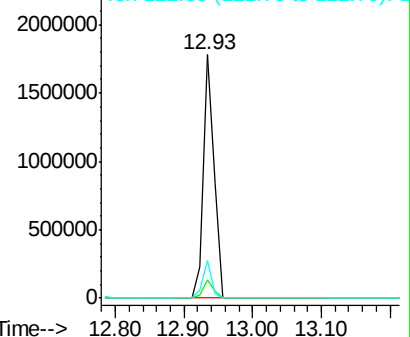
122 15.2 7.4 11.0#

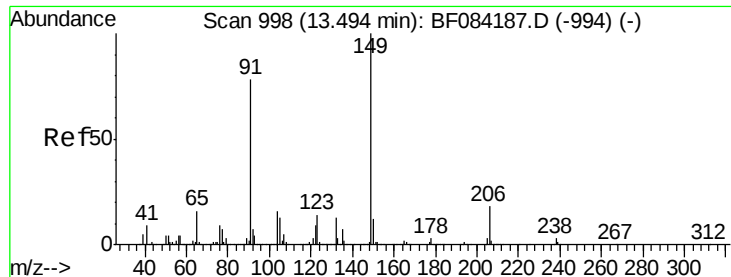


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

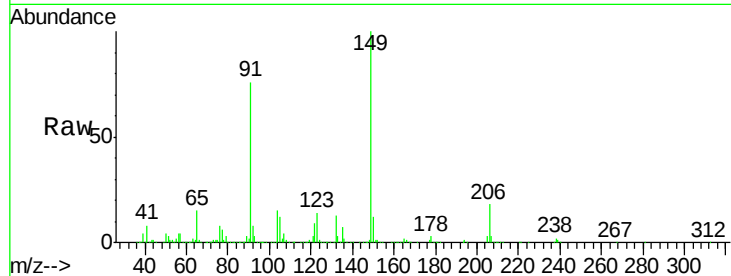




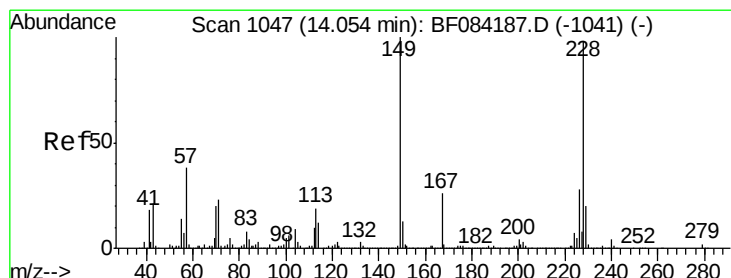
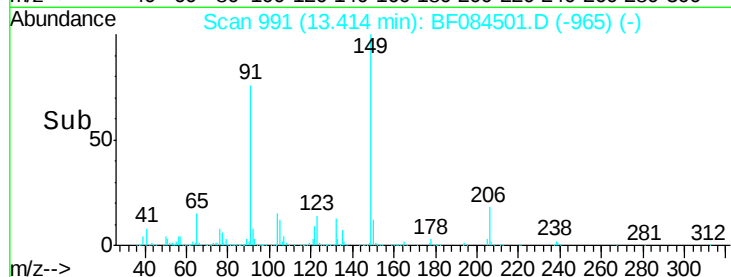
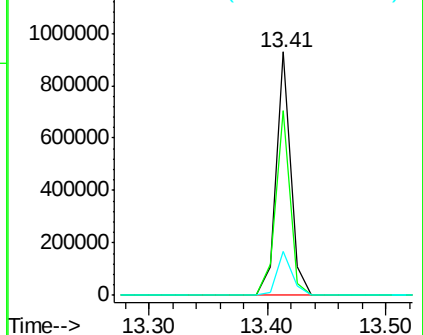
#79
Butylbenzylphthalate
Concen: 40.30 ng
RT: 13.41 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :
CLAYMSD

Tot Ion:149 Resp: 790330
Ion Ratio Lower Upper
149 100
91 75.9 57.6 86.4
206 18.0 13.2 19.8

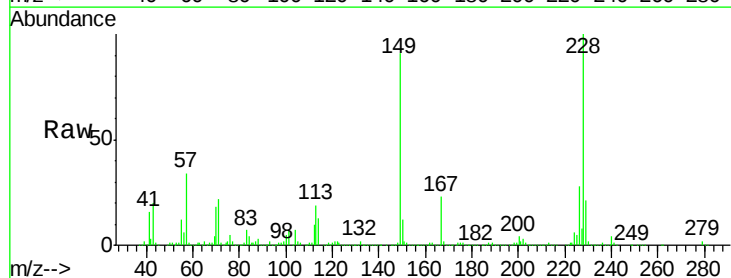


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

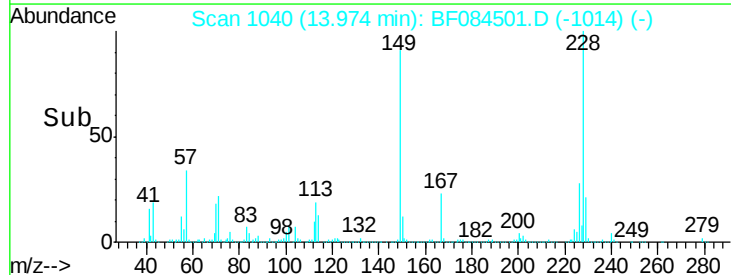
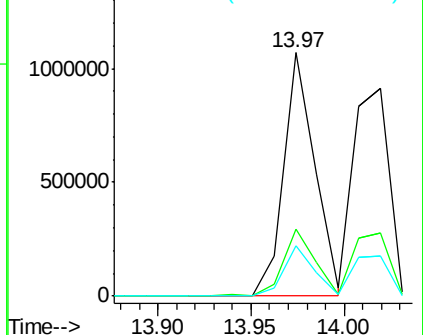


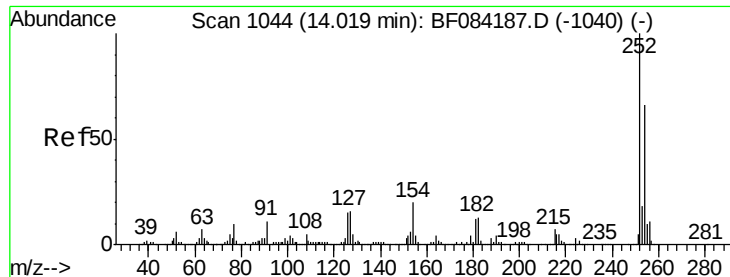
#80
Benzo(a)anthracene
Concen: 36.89 ng
RT: 13.97 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:228 Resp: 1251003
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.6
229 20.6 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

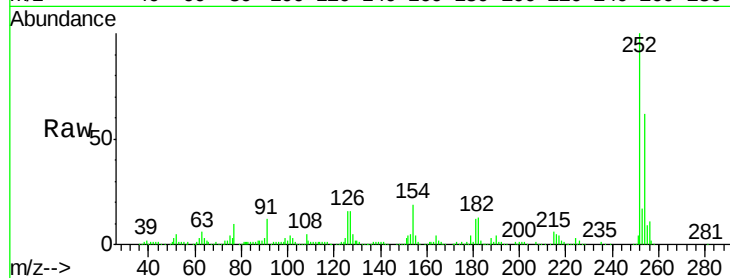




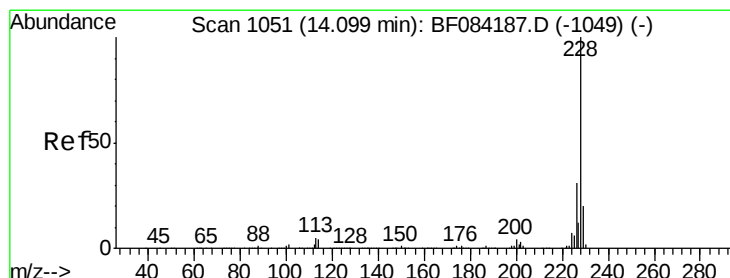
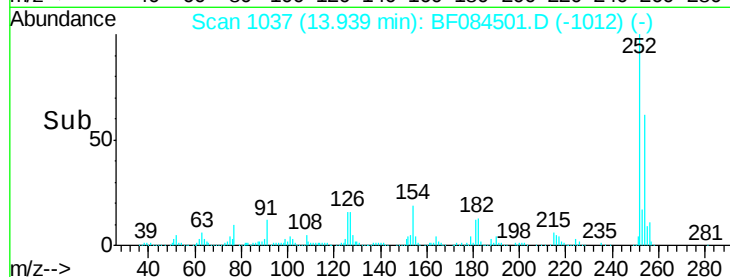
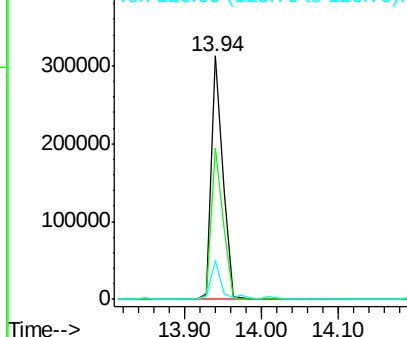
#81
 3,3'-Dichlorobenzidine
 Concen: 27.06 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :
 CLAYMSD

Tot Ion:252 Resp: 320247
 Ion Ratio Lower Upper
 252 100
 254 62.2 53.5 80.3
 126 16.0 4.9 7.3#

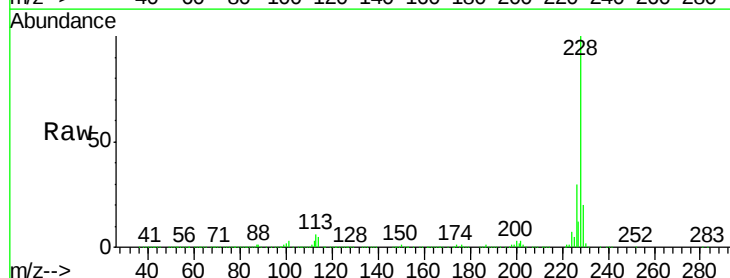


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

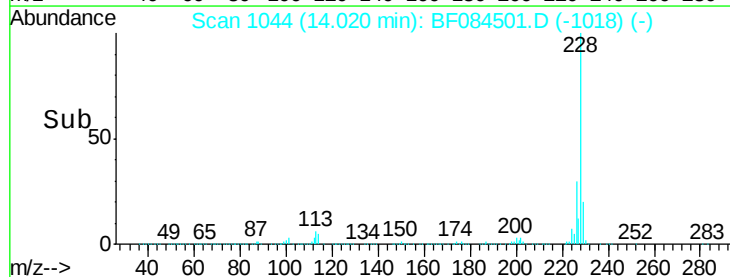
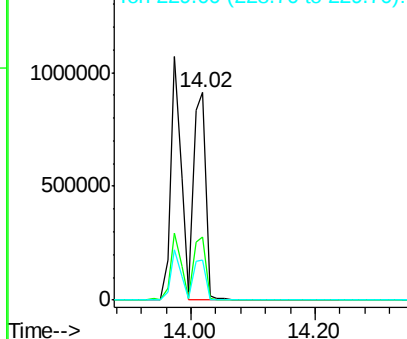


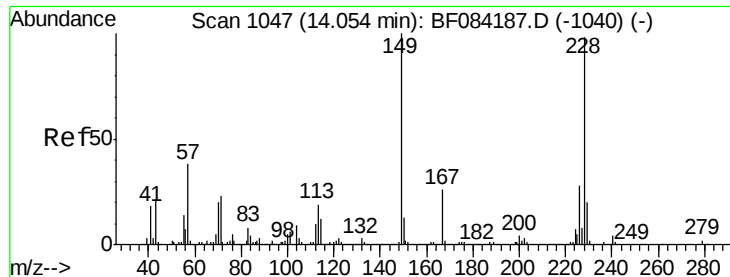
#82
 Chrysene
 Concen: 37.77 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Tgt Ion:228 Resp: 1230648
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 19.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

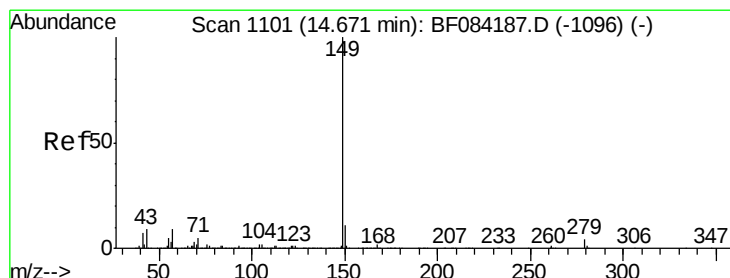
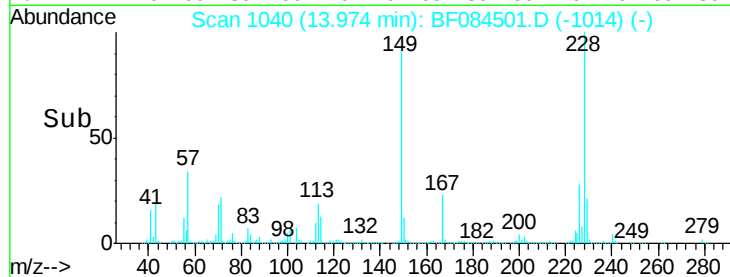
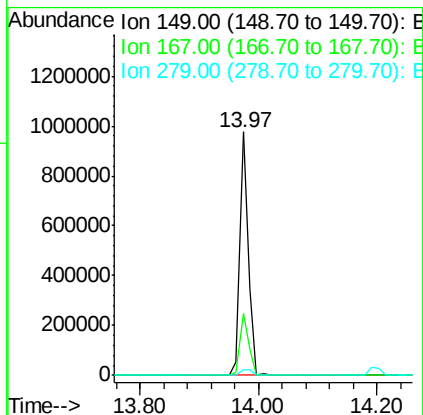
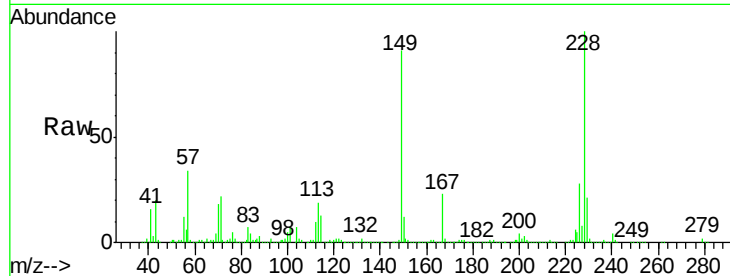




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.70 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

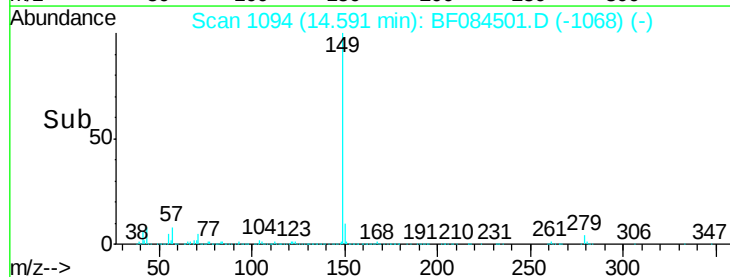
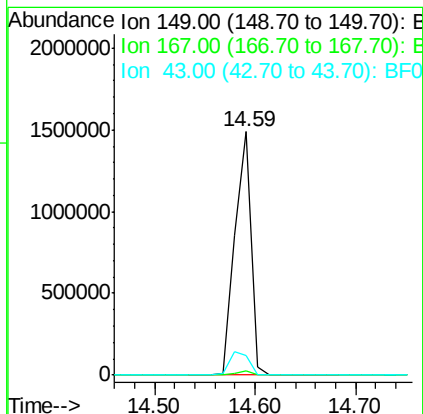
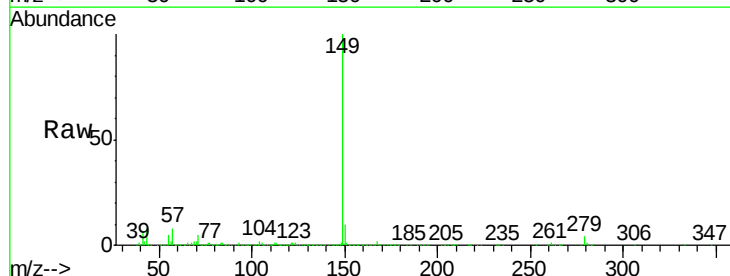
Instrument :
 BNA_F
 ClientSampleId :
 CLAYMSD

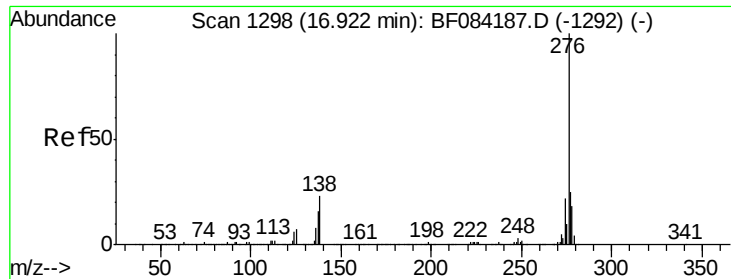
Tot Ion:149 Resp: 958774
 Ion Ratio Lower Upper
 149 100
 167 25.2 19.7 29.5
 279 2.1 1.8 2.6



#84
 Di-n-octyl phthalate
 Concen: 39.70 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Tgt Ion:149 Resp: 1660553
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.0 5.6 8.4#

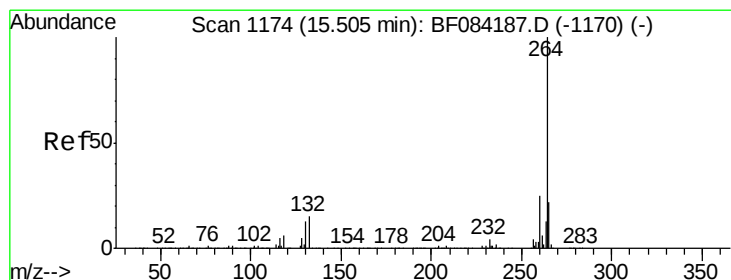
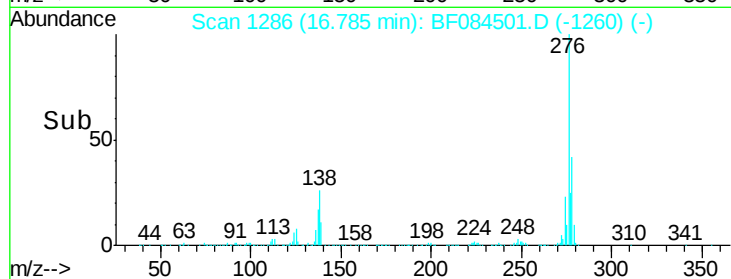
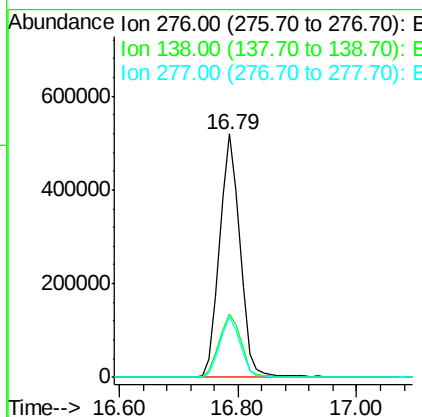
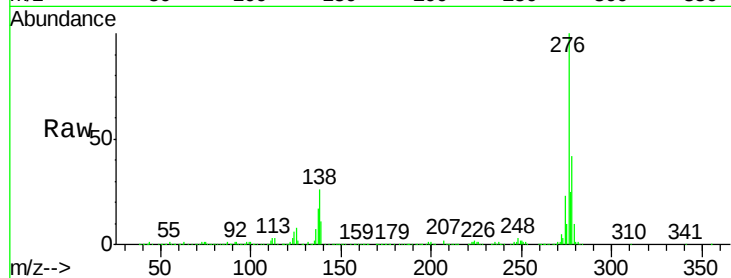




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.33 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

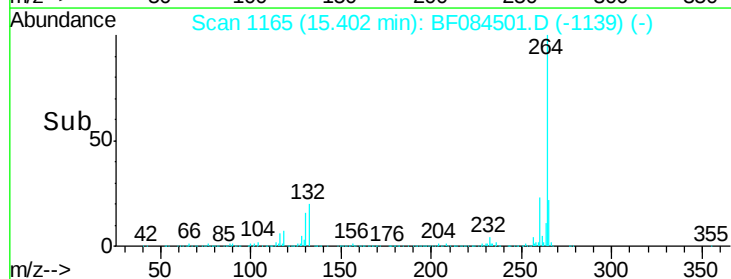
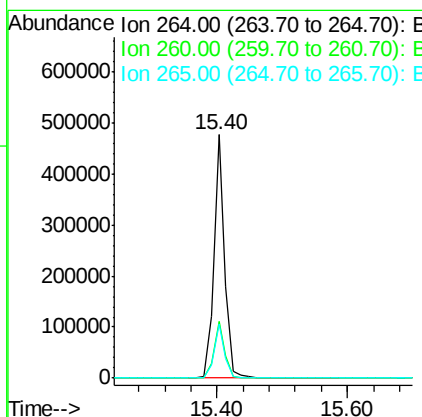
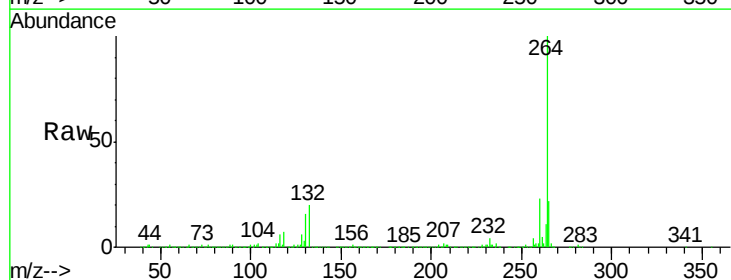
Instrument :
 BNA_F
 ClientSampleId :
 CLAYMSD

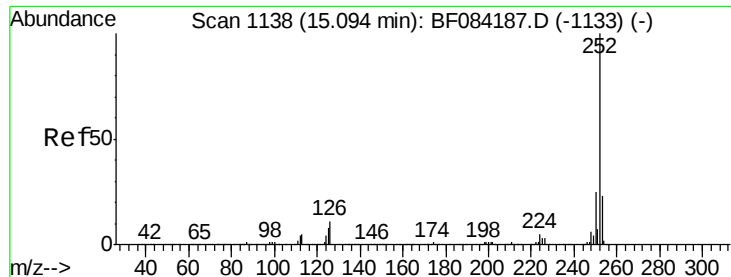
Tot Ion:276 Resp: 1248368
 Ion Ratio Lower Upper
 276 100
 138 27.8 20.6 30.8
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Tgt Ion:264 Resp: 556239
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 22.0 17.8 26.6

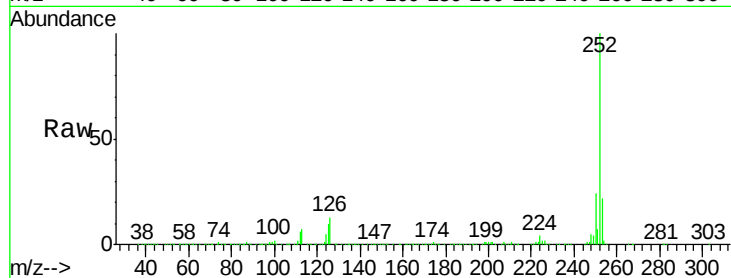




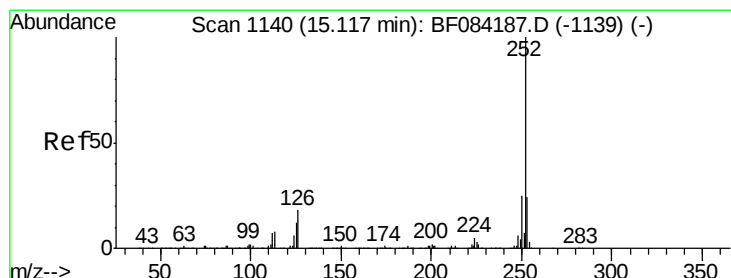
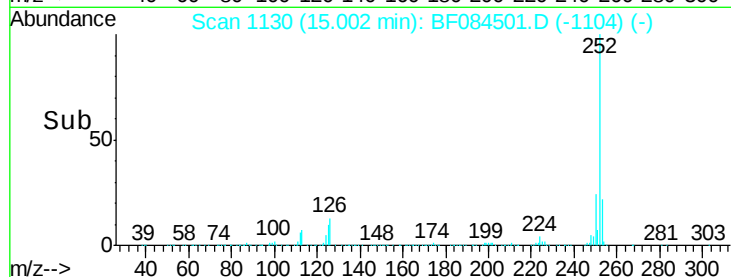
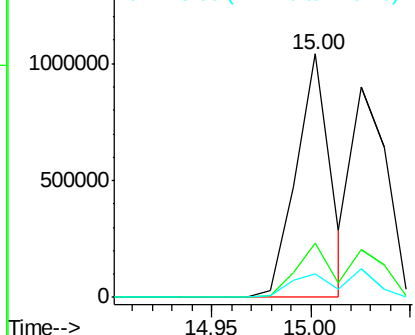
#87
Benzo(b)fluoranthene
Concen: 34.55 ng m
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :
CLAYMSD

Tot Ion:252 Resp: 1257141
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.8 6.5 9.7#

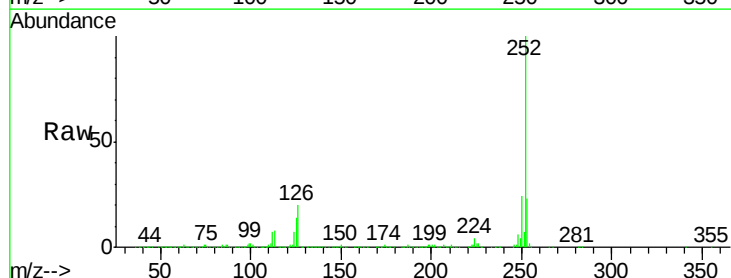


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

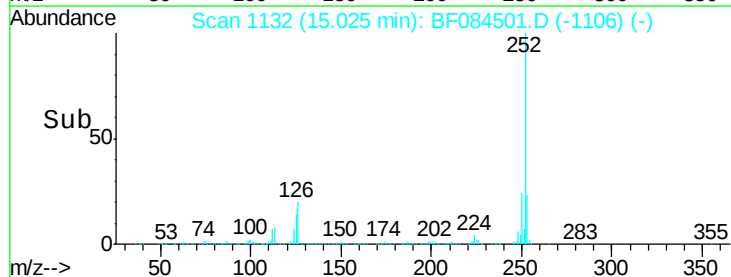
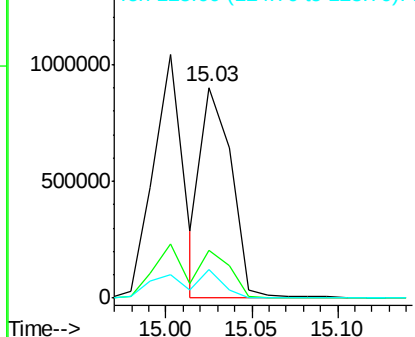


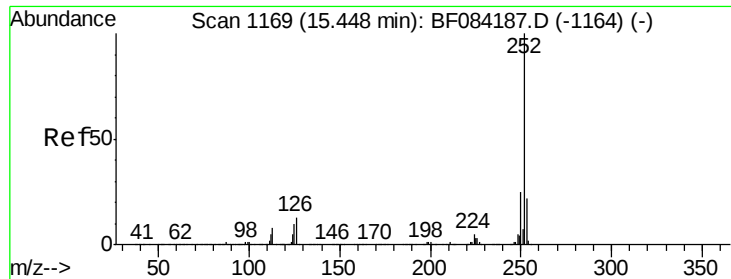
#88
Benzo(k)fluoranthene
Concen: 37.25 ng m
RT: 15.03 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:252 Resp: 1108616
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 13.7 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

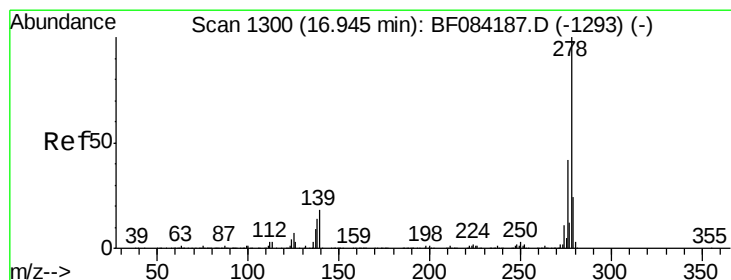
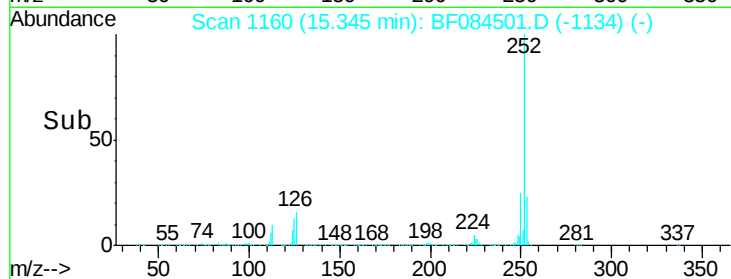
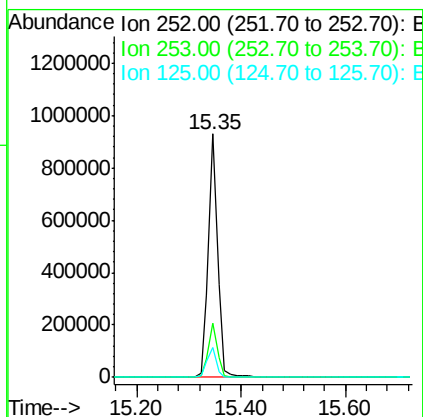
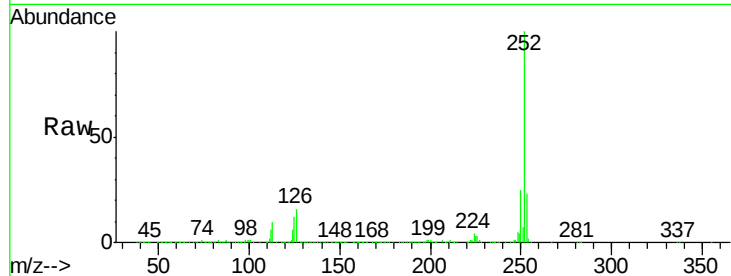




#89
Benzo(a)pyrene
Concen: 37.41 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

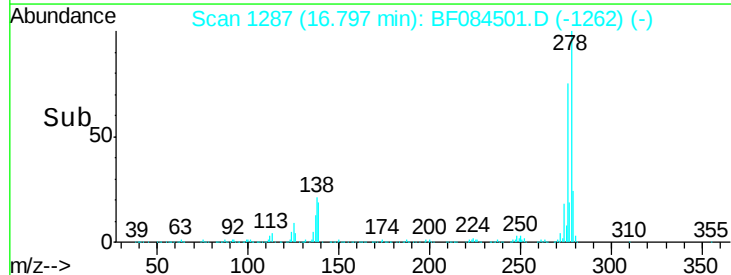
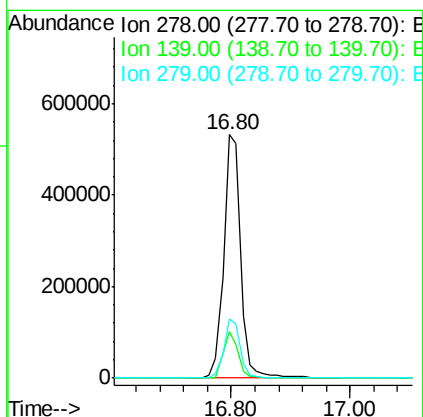
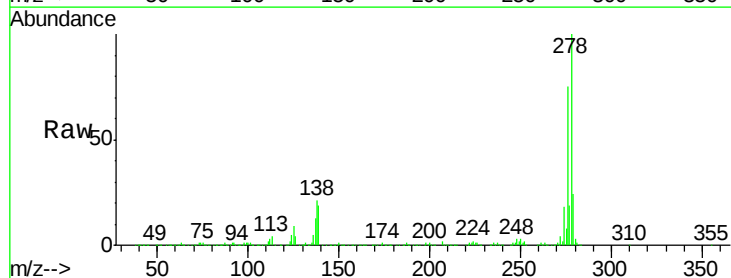
Instrument :
BNA_F
ClientSampleId :
CLAYMSD

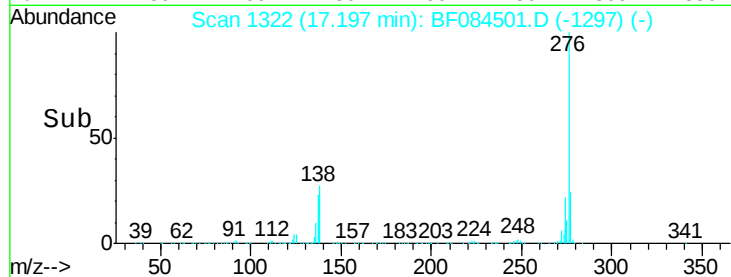
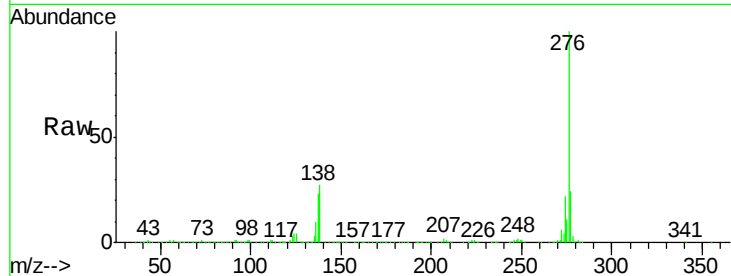
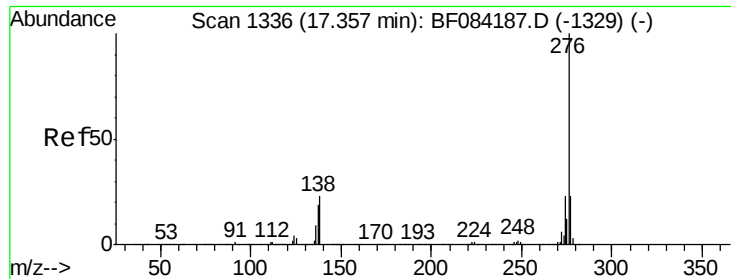
Tot Ion:252 Resp: 1154710
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 12.5 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 39.56 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Tgt Ion:278 Resp: 1050498
Ion Ratio Lower Upper
278 100
139 19.3 15.0 22.4
279 24.5 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 37.31 ng

RT: 17.20 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

Instrument :

BNA_F

ClientSampleId :

CLAYMSD

Tot Ion:276 Resp: 1026236

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 26.8 17.8 26.6#

