

Data Path : U:\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 :

Quant Time: Jan 16 01:35:51 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	6.84	146	765480	39.86	ng	97
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	139803	26.58	ng	# 61
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

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 Misc :
 ALS Vial : 17 Sample Multiplier: 1

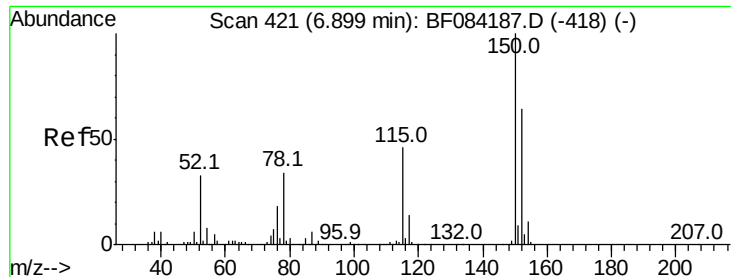
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:35:51 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)

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	2378339	65.36	nq	# 97
88) Benzo(k)fluoranthene	15.00	252	2378339	79.92	nq	98
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

Instrument :

BNA_F

ClientSampleId :

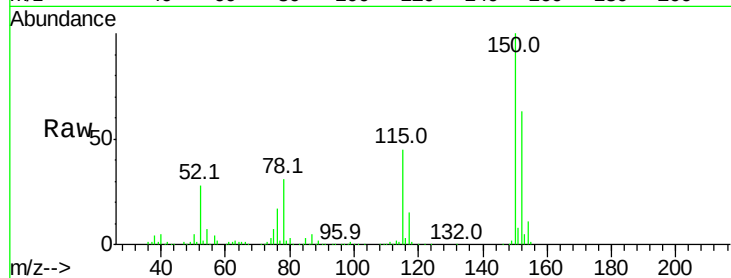
Tot Ion:152 Resp: 265423

Ion Ratio Lower Upper

152 100

150 158.6 123.0 184.4

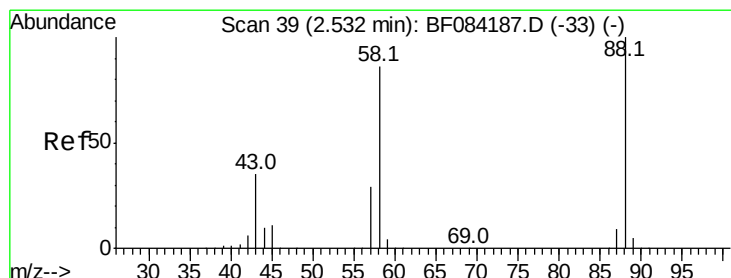
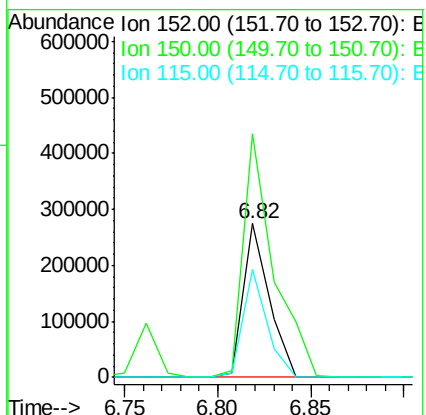
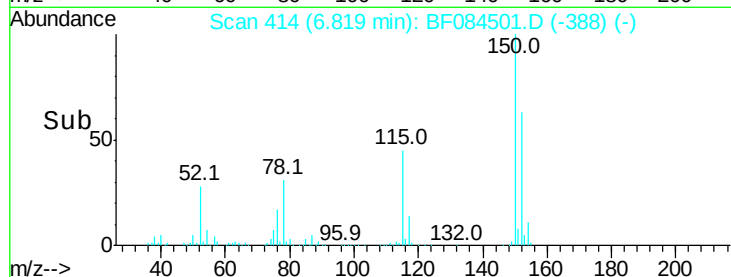
115 70.6 51.4 77.2



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

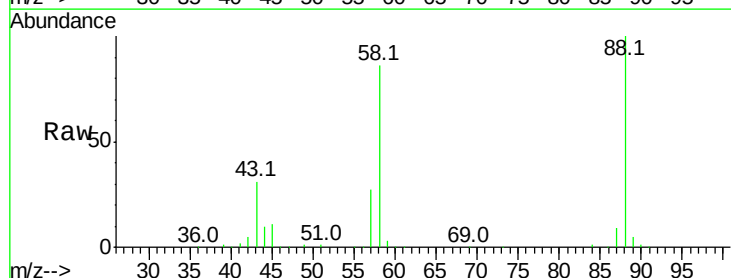
Tgt Ion: 88 Resp: 259728

Ion Ratio Lower Upper

88 100

58 86.5 51.2 76.8#

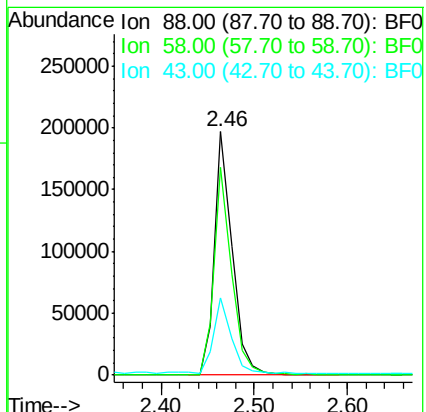
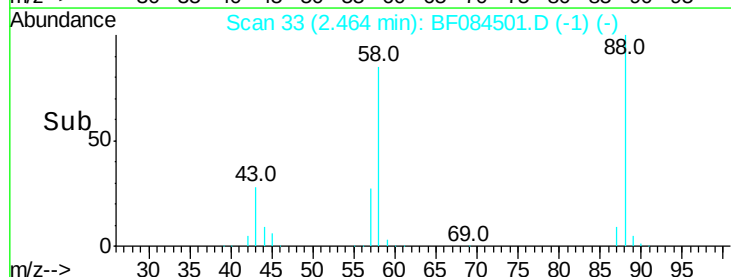
43 30.6 19.5 29.3#

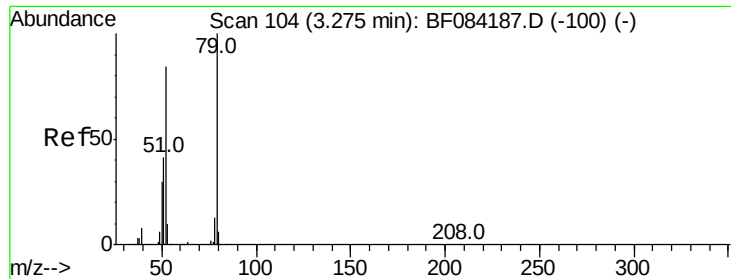


Abundance Ion 88.00 (87.70 to 88.70): BF0

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 :

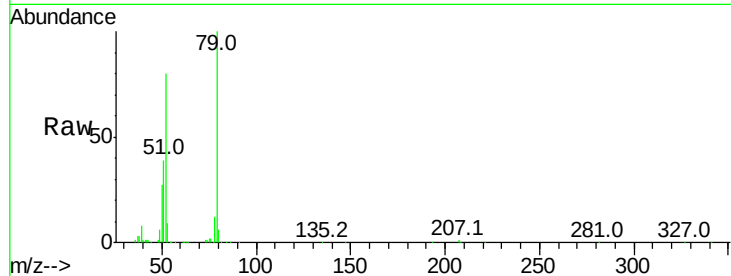
Tot Ion: 79 Resp: 657878

Ion Ratio Lower Upper

79 100

52 80.5 49.0 73.4#

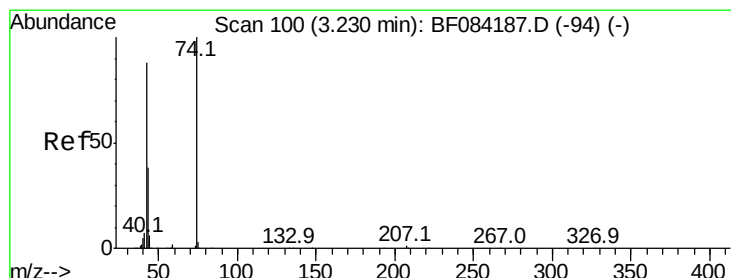
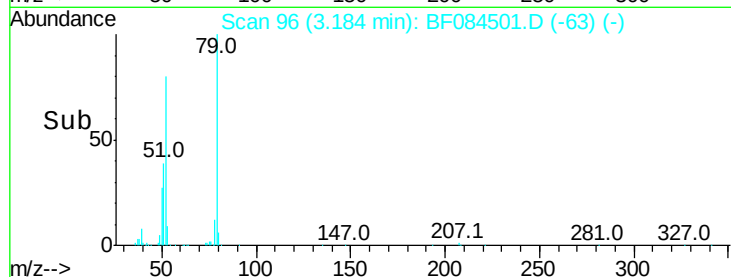
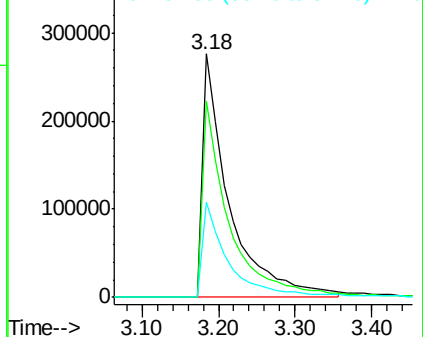
51 38.9 25.2 37.8#



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

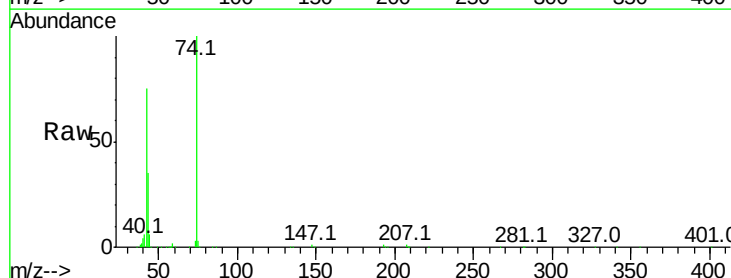
Tgt Ion: 42 Resp: 353701

Ion Ratio Lower Upper

42 100

74 133.9 115.7 173.5

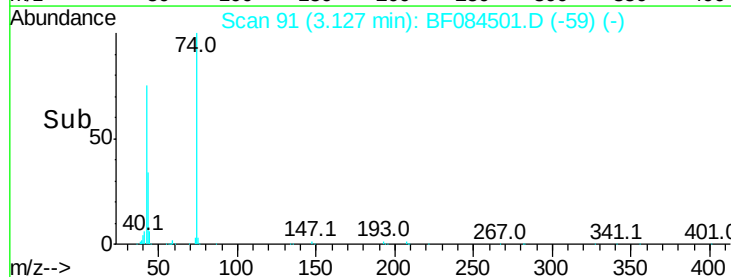
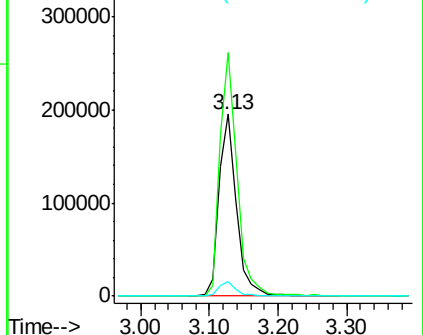
44 7.7 5.1 7.7

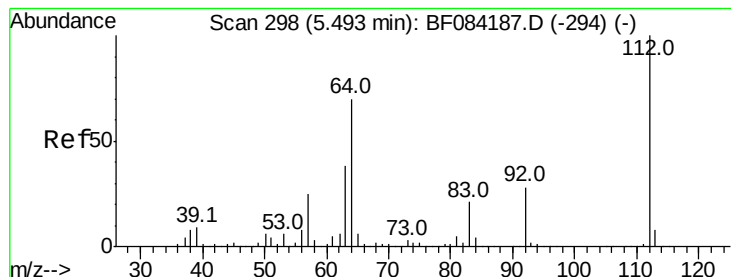


Abundance Ion 42.00 (41.70 to 42.70): BF0

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 :

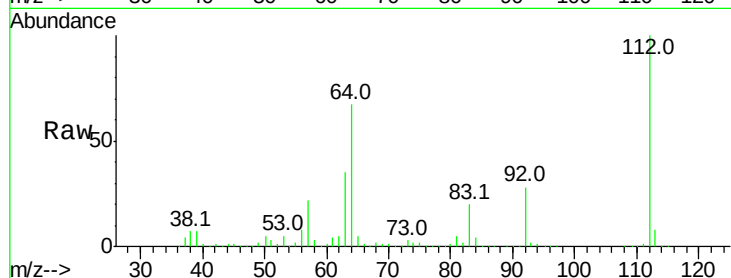
Tot Ion:112 Resp: 1792189

Ion Ratio Lower Upper

112 100

64 67.0 36.6 55.0#

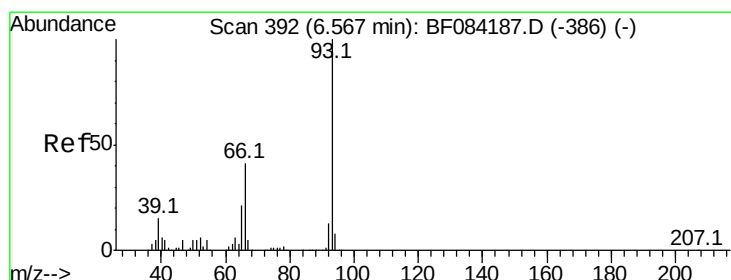
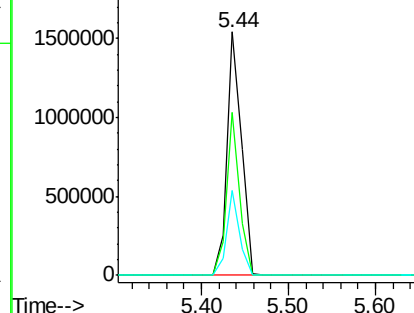
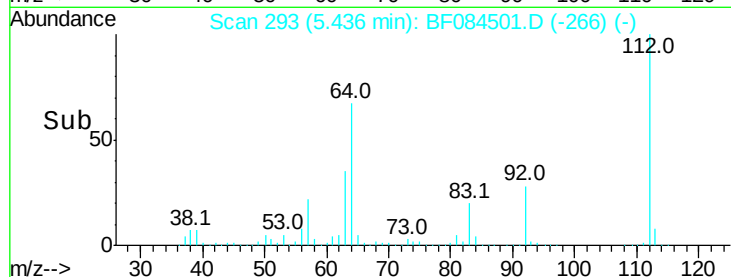
63 35.1 19.4 29.0#



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

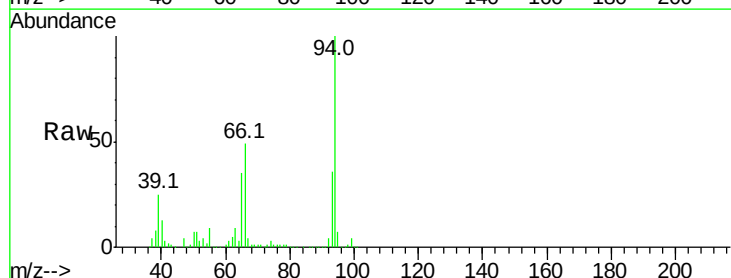
Tgt Ion: 93 Resp: 458259

Ion Ratio Lower Upper

93 100

66 135.5 44.9 67.3#

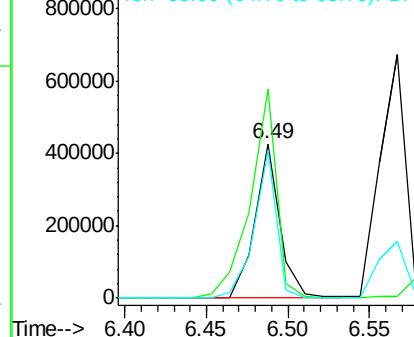
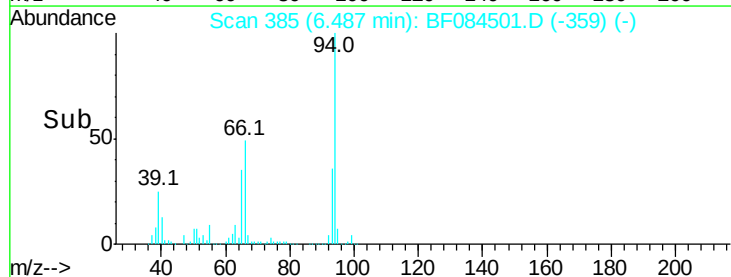
65 95.8 23.7 35.5#

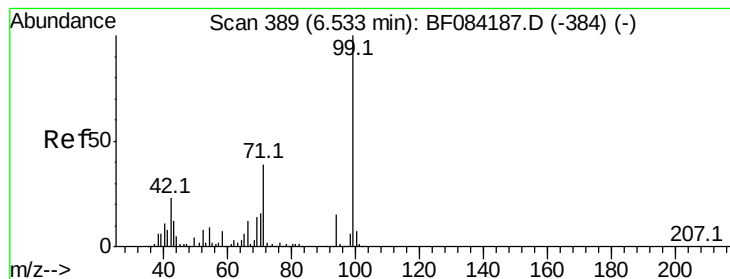


Abundance Ion 93.00 (92.70 to 93.70): BF0

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 :

BNA_F

ClientSampleId :

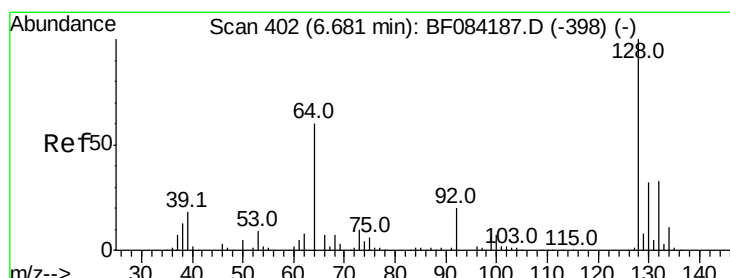
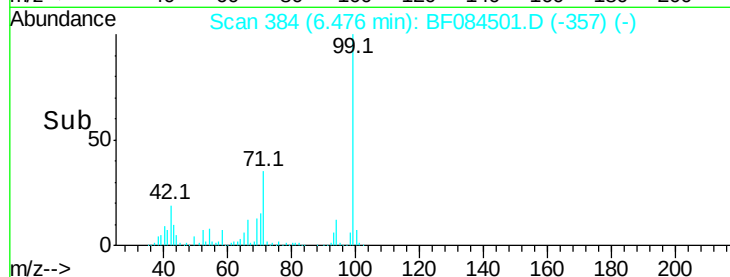
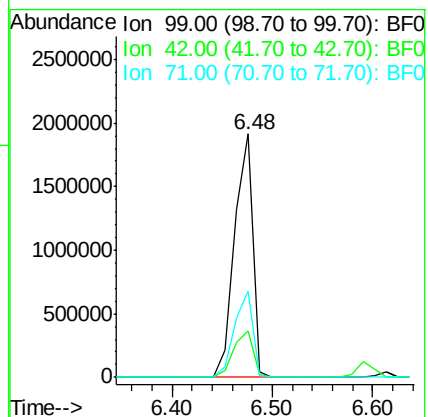
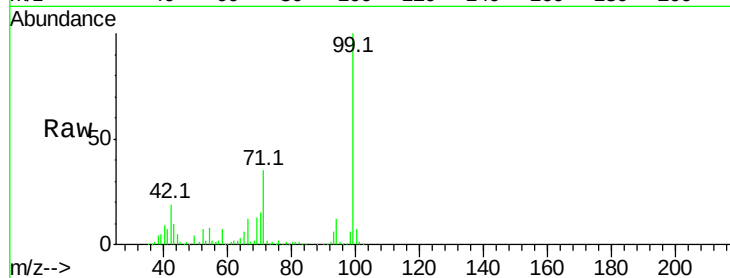
Tot Ion: 99 Resp: 2412765

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

71 35.3 30.9 46.3



#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

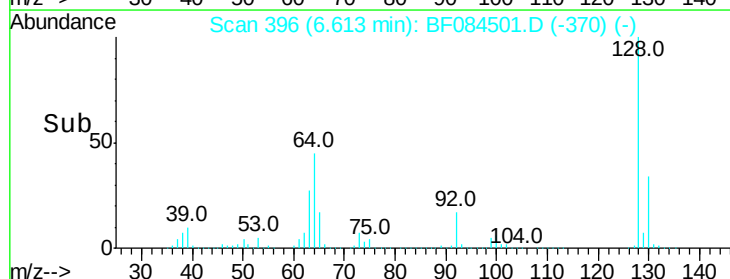
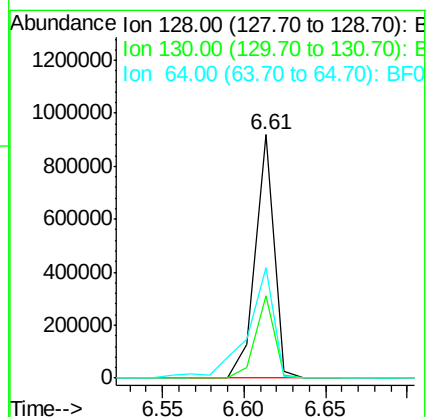
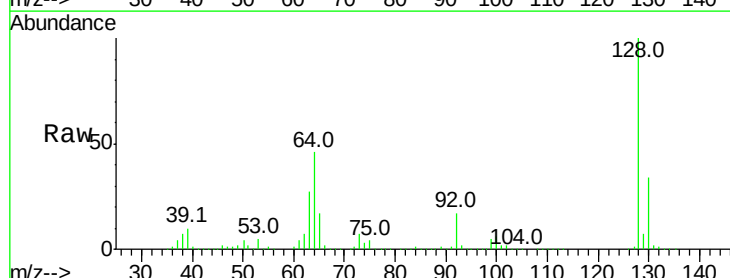
Tgt Ion: 128 Resp: 738290

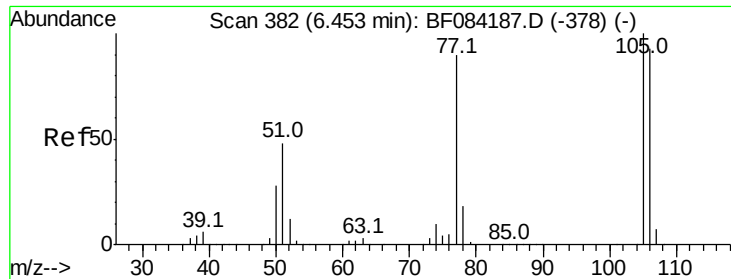
Ion Ratio Lower Upper

128 100

130 33.6 11.6 51.6

64 45.5 23.8 63.8





#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

ClientSampled :

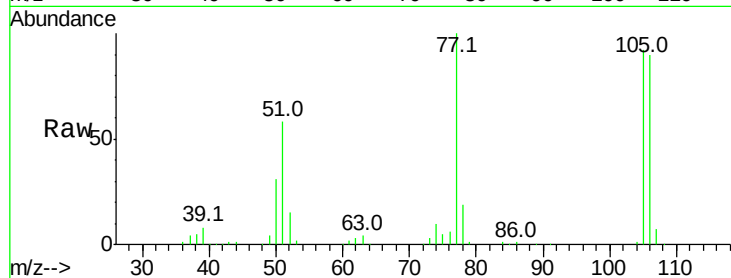
Tot Ion: 77 Resp: 110103

Ion Ratio Lower Upper

77 100

105 91.7 83.0 123.0

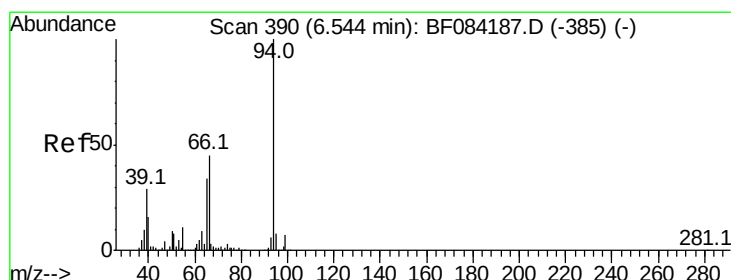
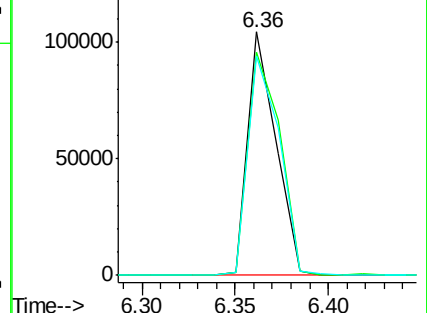
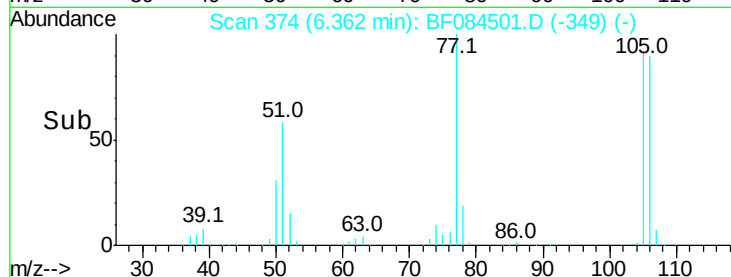
106 90.1 74.6 114.6



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

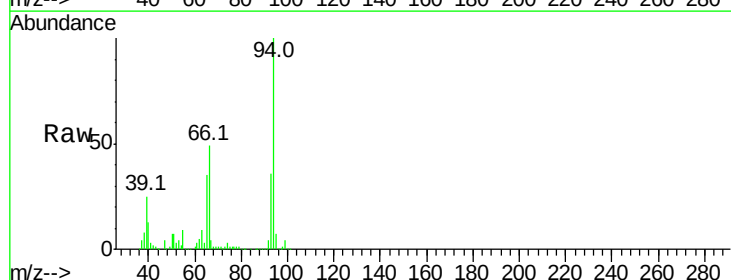
Tgt Ion: 94 Resp: 1000642

Ion Ratio Lower Upper

94 100

65 34.6 12.9 52.9

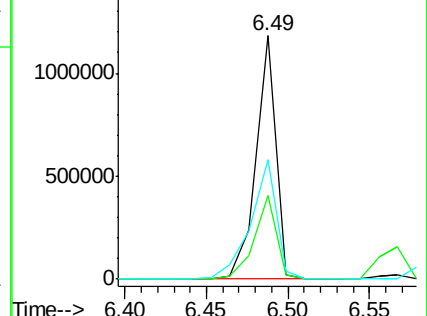
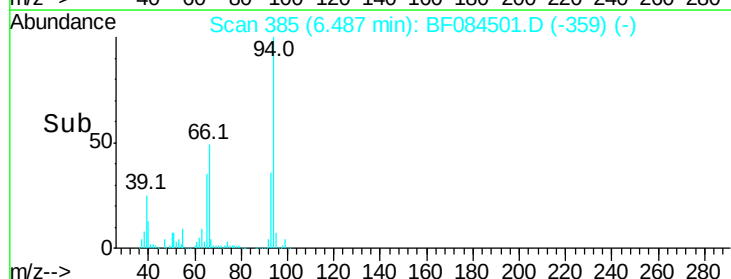
66 48.9 32.7 72.7

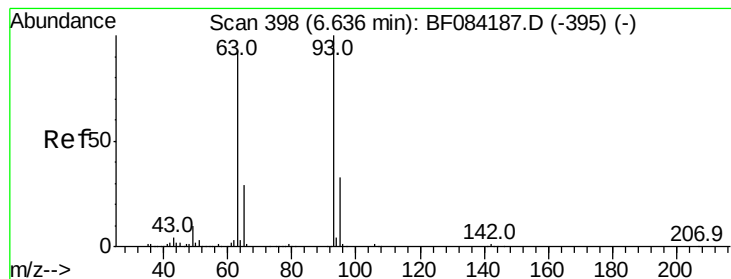


Abundance Ion 94.00 (93.70 to 94.70): BF0

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

ClientSampled :

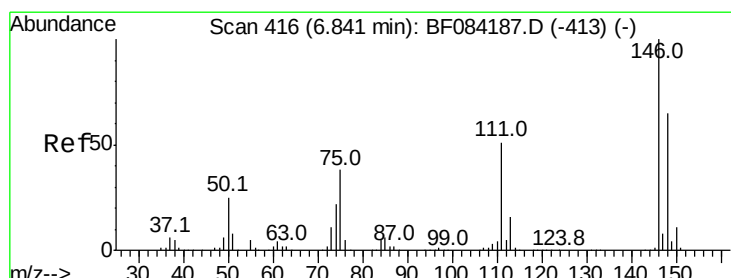
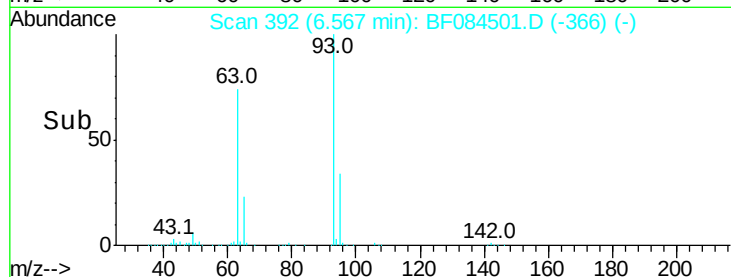
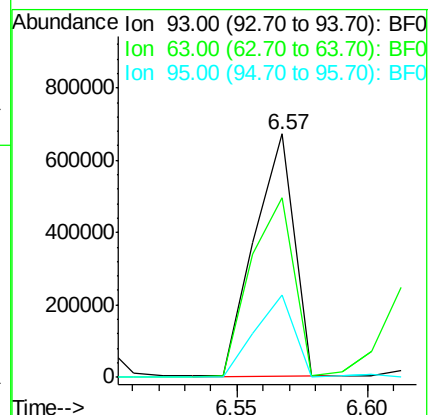
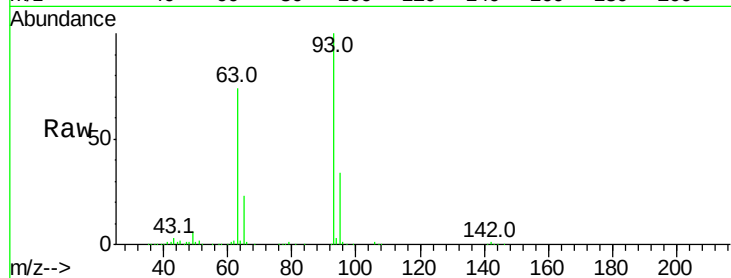
Tot Ion: 93 Resp: 719135

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: 39.86 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.08 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

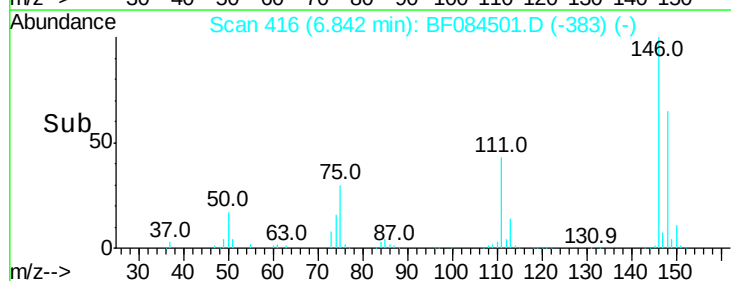
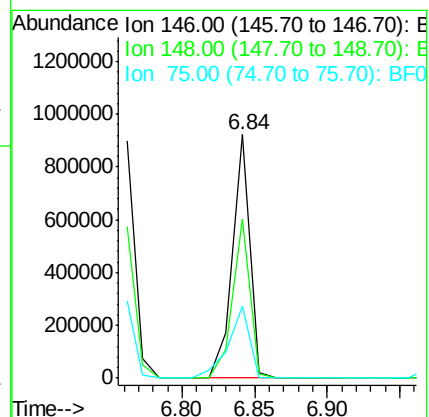
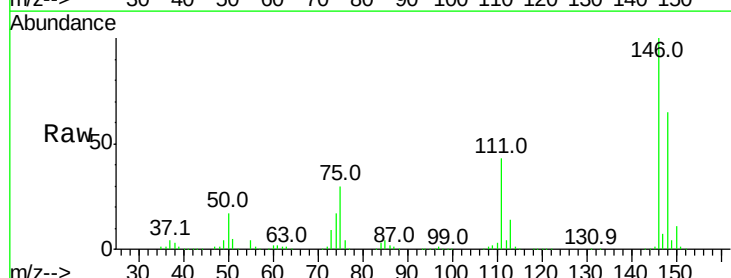
Tgt Ion: 146 Resp: 765480

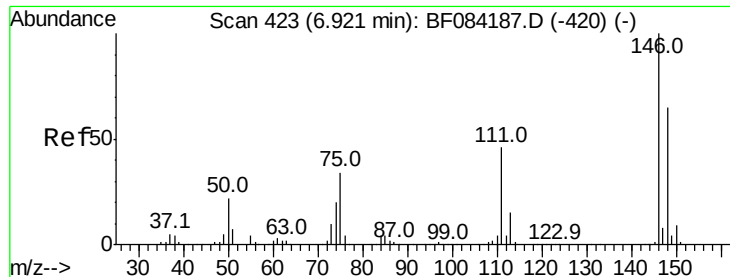
Ion Ratio Lower Upper

146 100

148 65.4 51.9 77.9

75 29.9 20.5 30.7

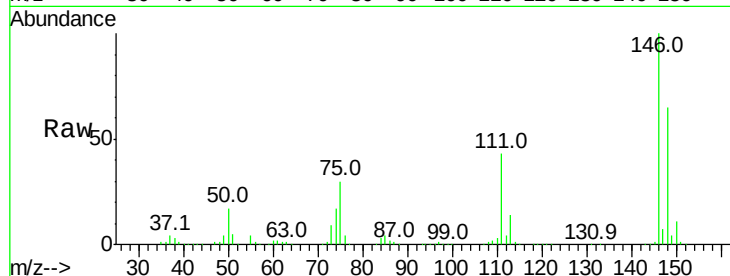




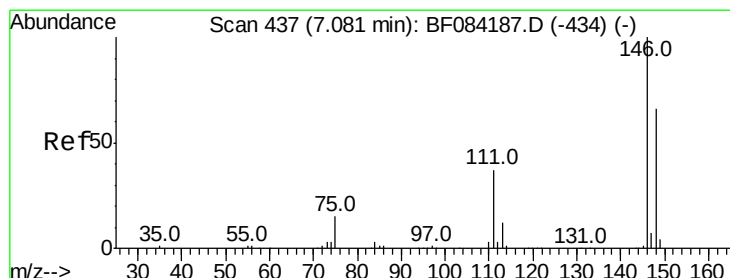
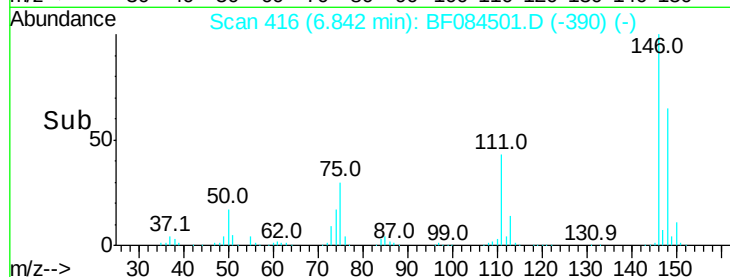
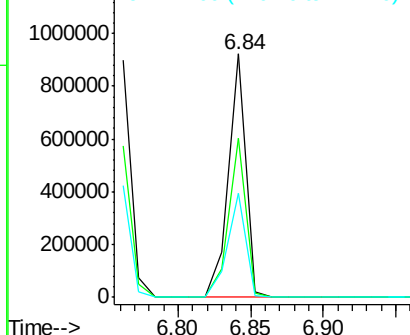
#13
 1,4-Dichlorobenzene
 Concen: 39.75 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :

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

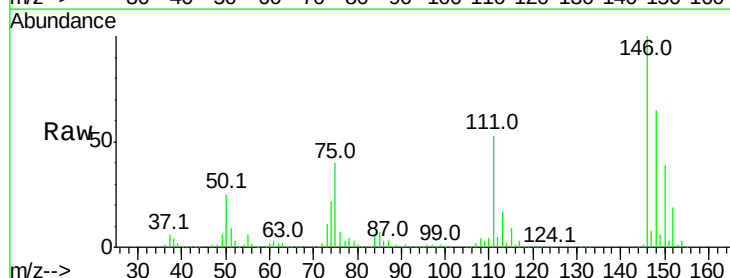


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

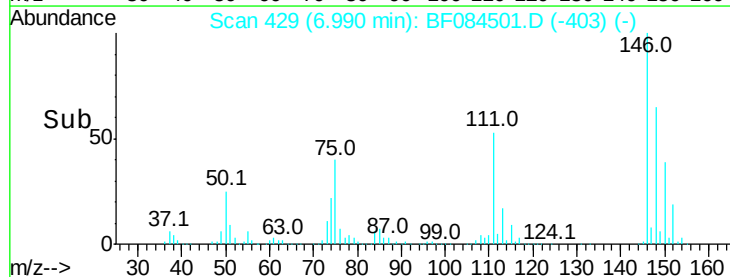
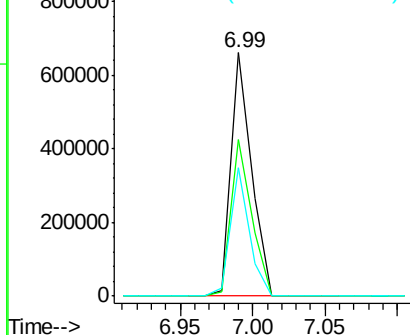


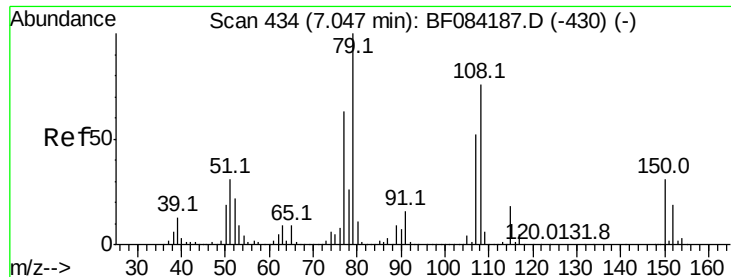
#14
 1,2-Dichlorobenzene
 Concen: 35.09 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

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 :

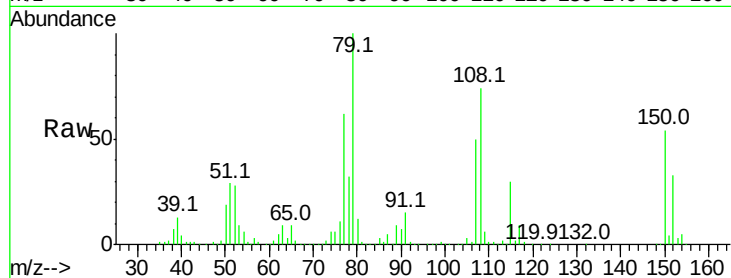
Tot Ion: 79 Resp: 563579

Ion Ratio Lower Upper

79 100

108 74.1 69.0 103.4

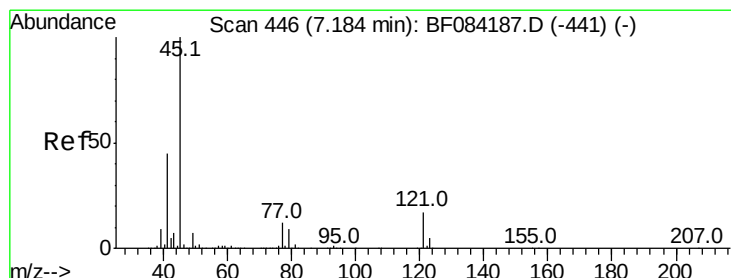
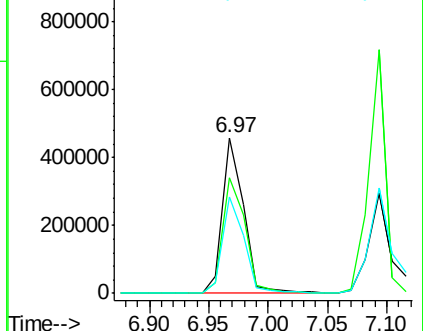
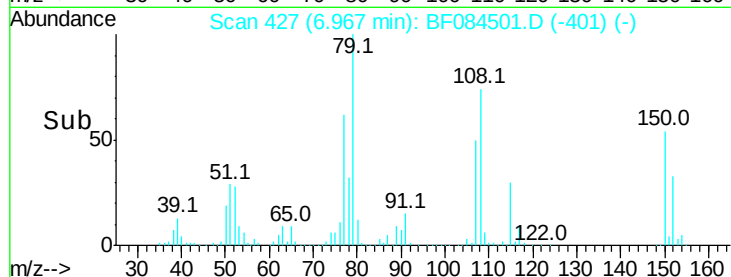
77 62.4 50.0 75.0



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

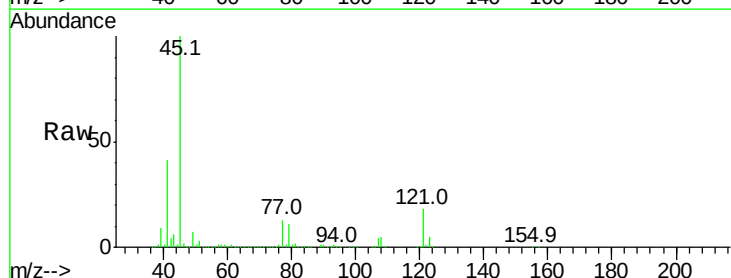
Tgt Ion: 45 Resp: 1105558

Ion Ratio Lower Upper

45 100

77 13.3 0.0 39.6

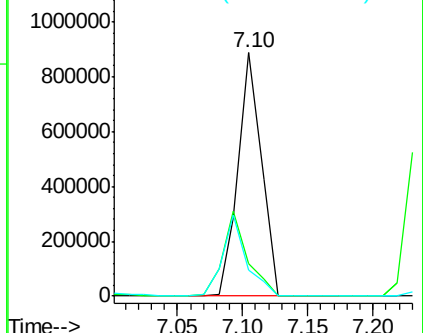
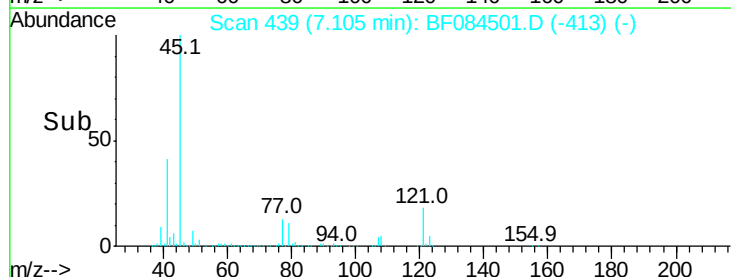
79 10.7 0.0 35.0

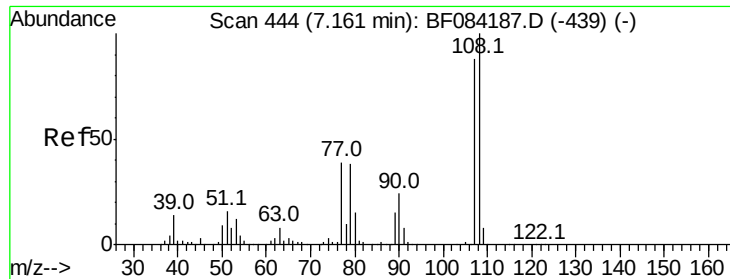


Abundance Ion 45.00 (44.70 to 45.70): BF0

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 :

Tot Ion:107 Resp: 602296

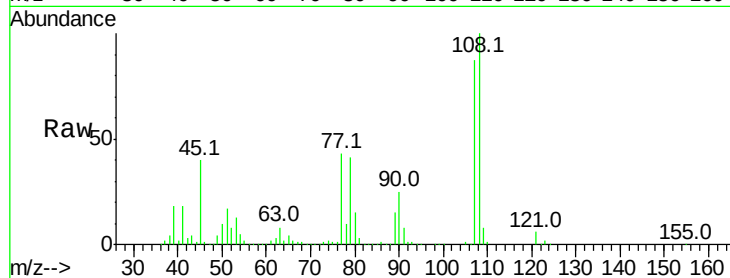
Ion Ratio Lower Upper

107 100

108 115.5 89.8 134.6

77 49.8 35.7 53.5

79 47.6 35.7 53.5

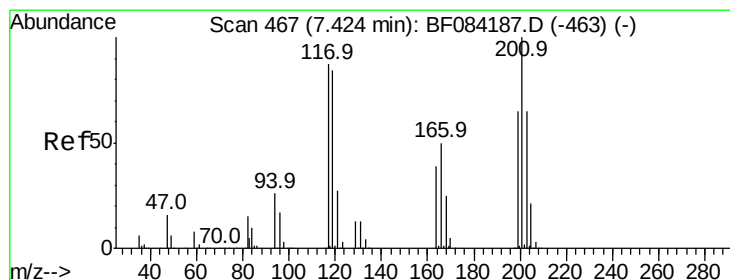
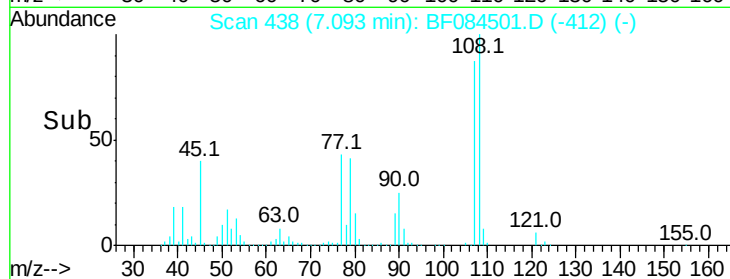
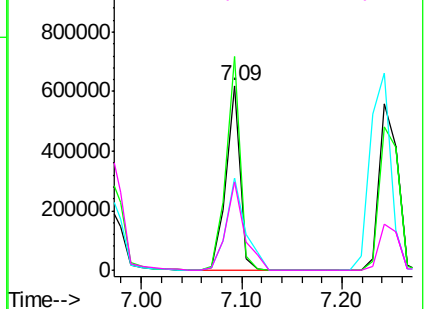


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#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

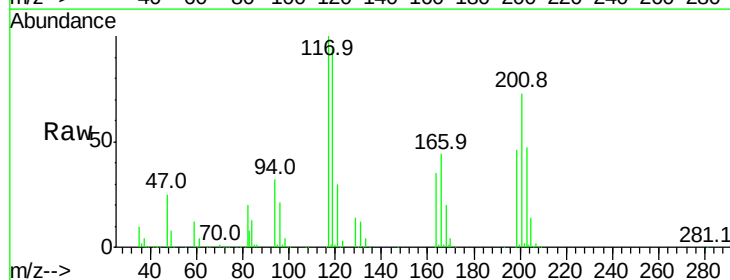
Tgt Ion:117 Resp: 276483

Ion Ratio Lower Upper

117 100

119 94.1 77.4 116.0

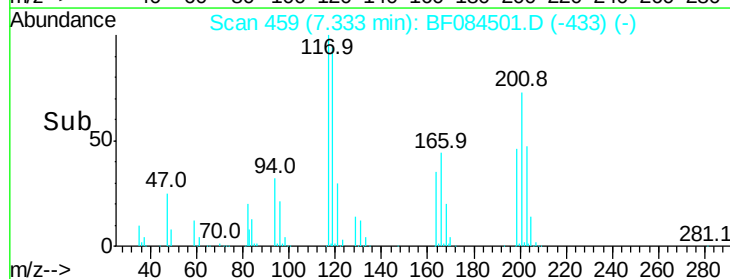
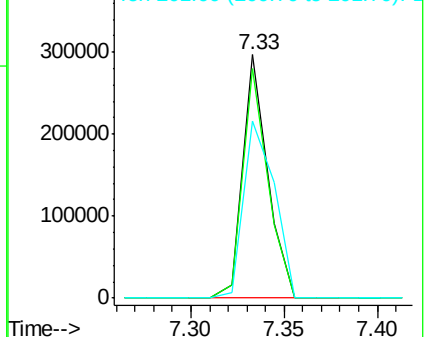
201 72.5 68.6 103.0

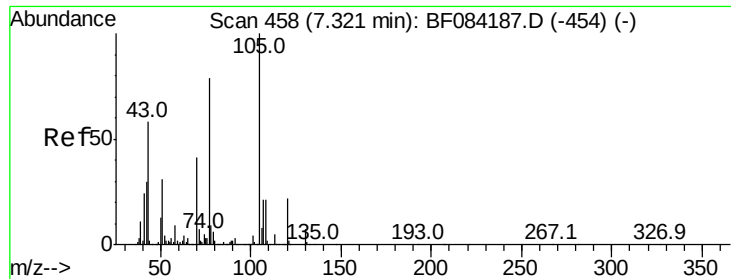


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

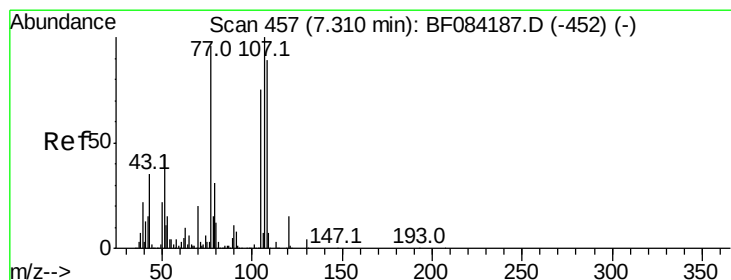
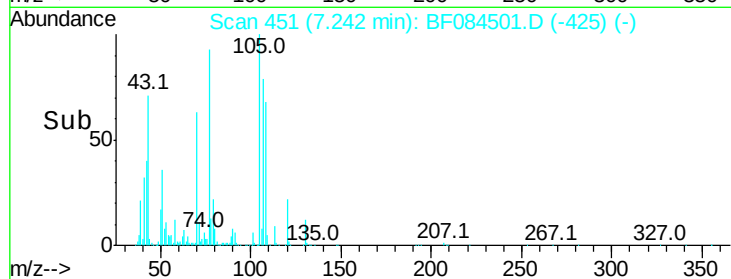
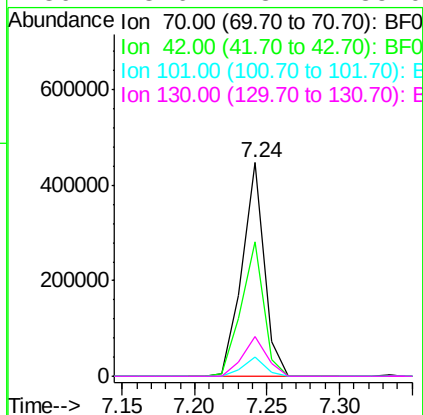
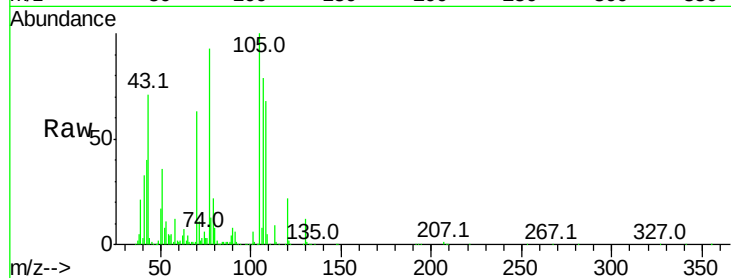




#19
n-Nitroso-di-n-propylamine
Concen: 34.26 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

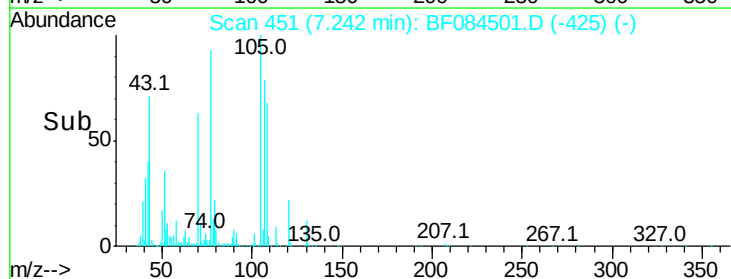
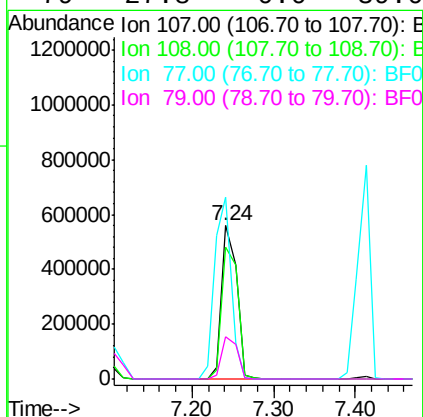
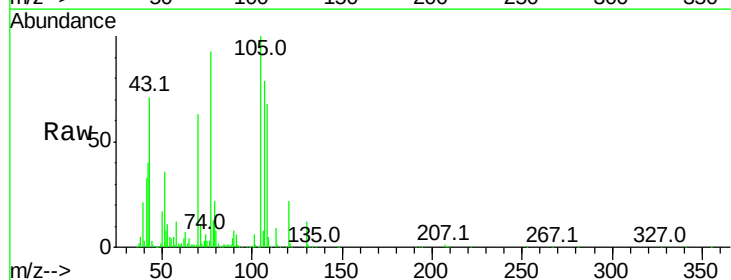
Instrument :
BNA_F
ClientSampleId :

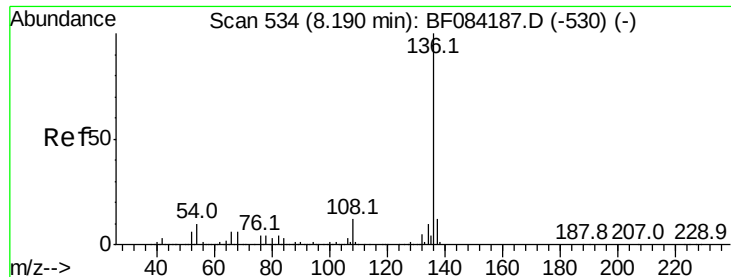
Tot Ion: 70 Resp: 477943
Ion Ratio Lower Upper
70 100
42 62.8 33.3 49.9#
101 8.9 9.3 13.9#
130 18.6 23.4 35.0#



#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



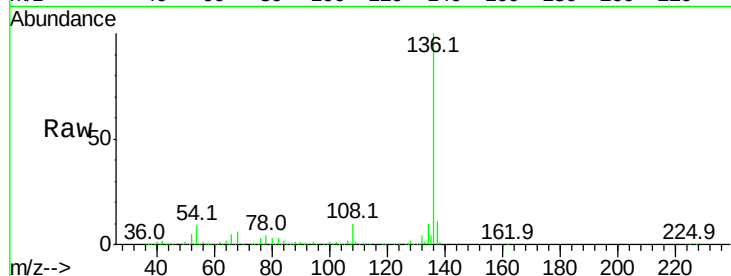


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :

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

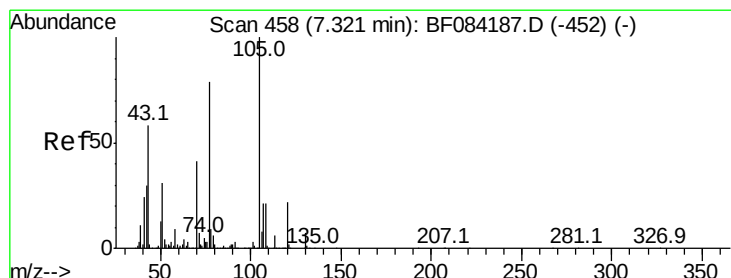
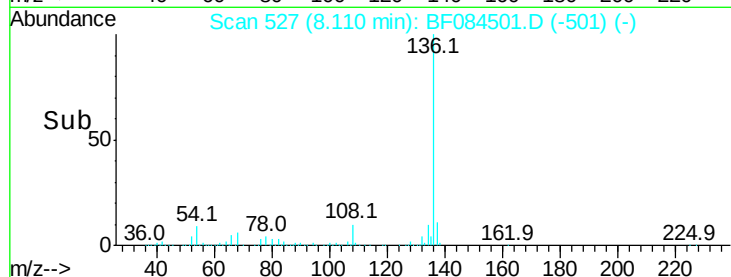
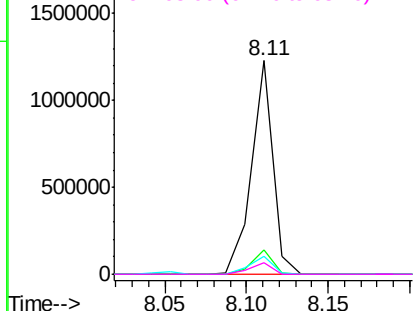


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

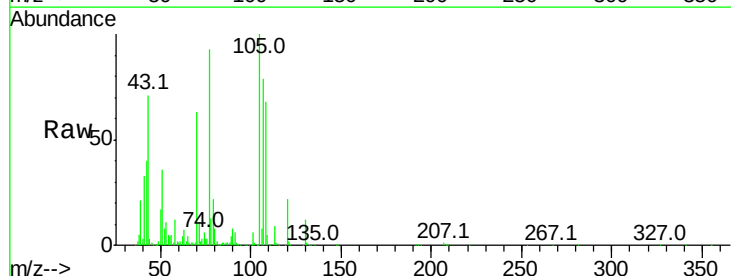
Ion 68.00 (67.70 to 68.70): BF0



#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

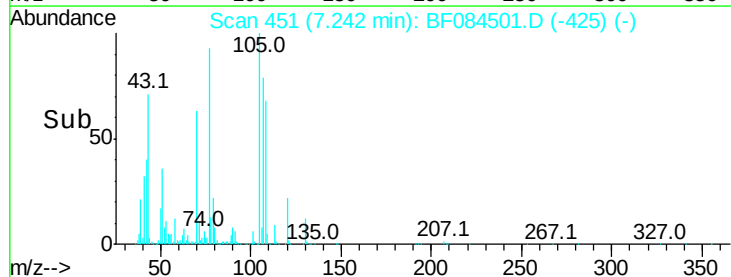
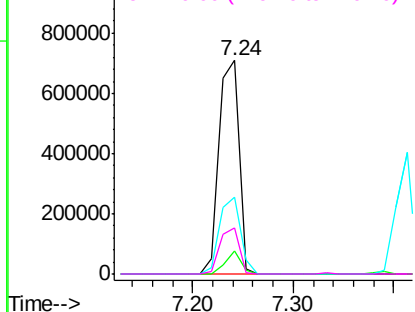


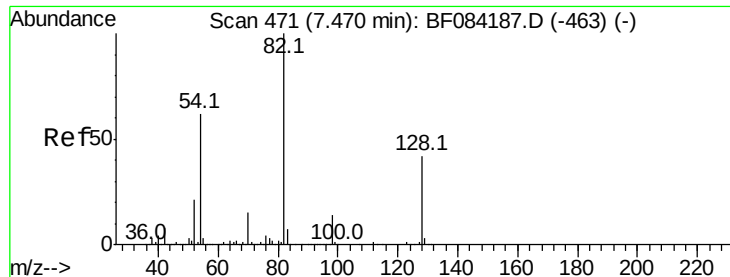
Abundance Ion 105.00 (104.70 to 105.70): E

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

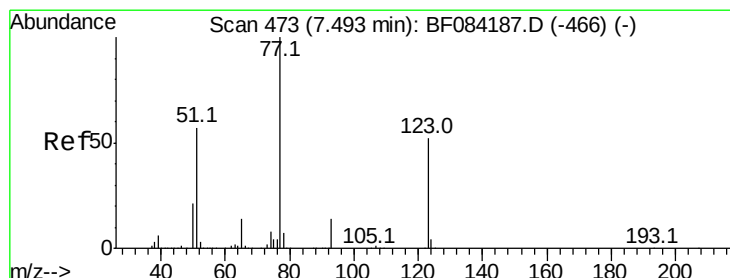
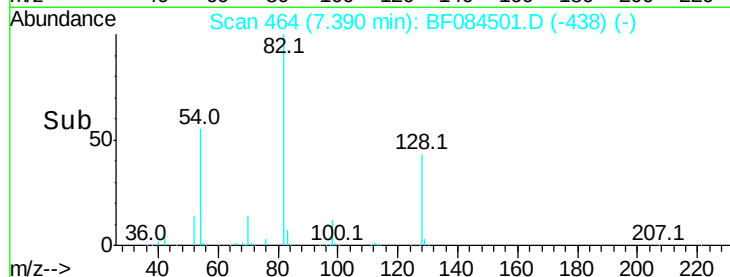
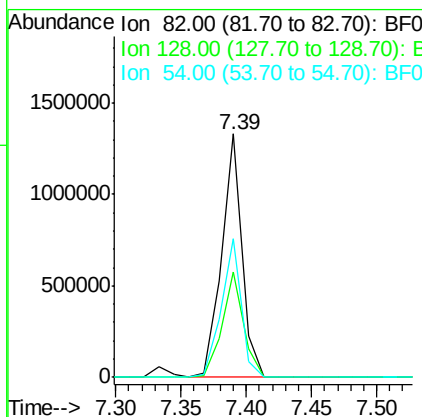
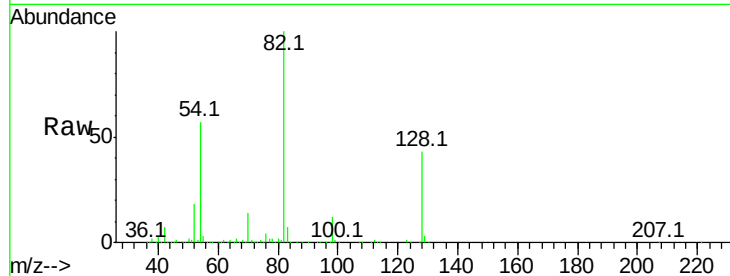




#23
 Nitrobenzene-d5
 Concen: 72.28 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

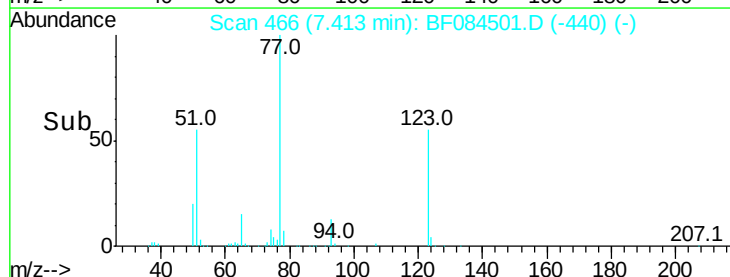
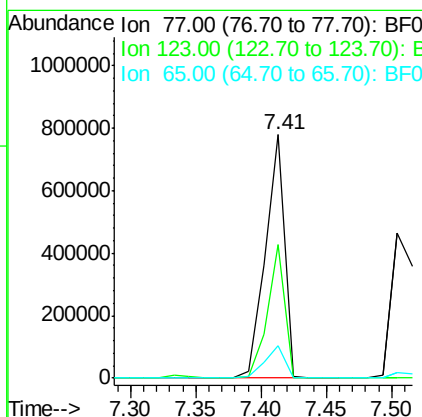
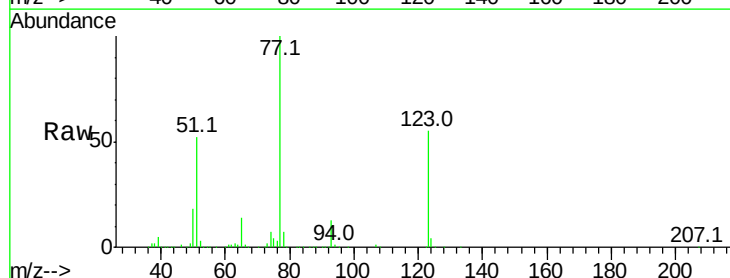
Instrument :
 BNA_F
 ClientSampleId :

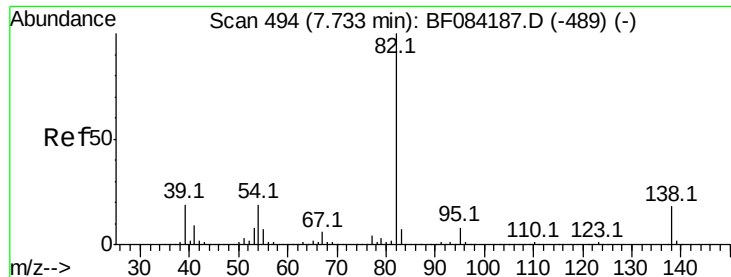
Tot Ion: 82 Resp: 1449265
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.6 51.8
 54 57.0 38.4 57.6



#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





#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 :

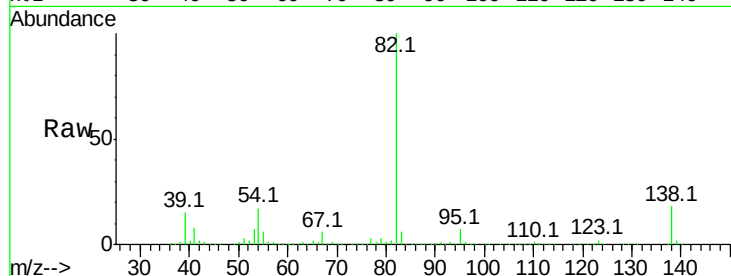
Tot Ion: 82 Resp: 1399710

Ion Ratio Lower Upper

82 100

95 7.4 6.6 10.0

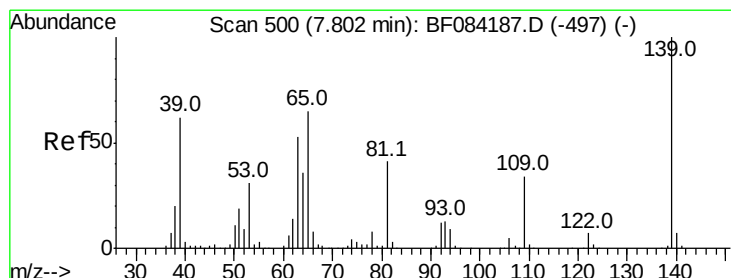
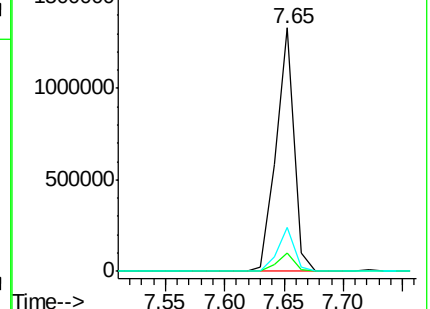
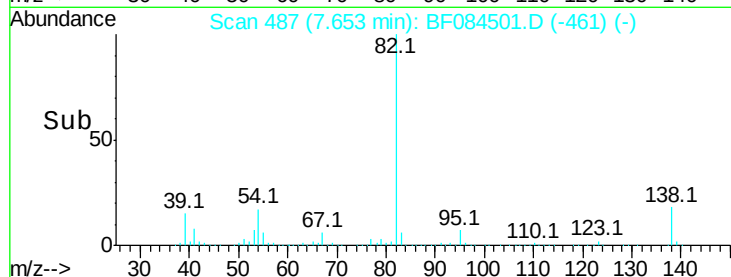
138 18.3 13.6 20.4



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

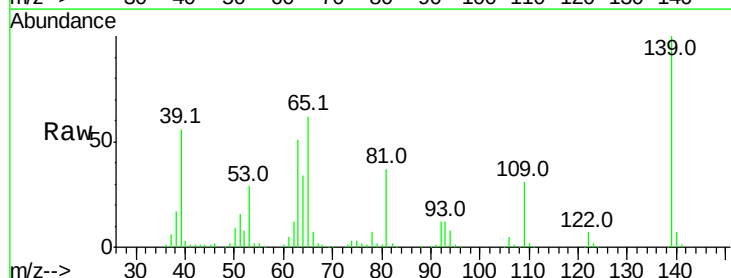
Tgt Ion:139 Resp: 376667

Ion Ratio Lower Upper

139 100

109 30.7 25.4 38.2

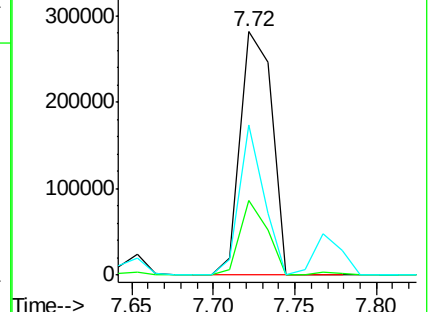
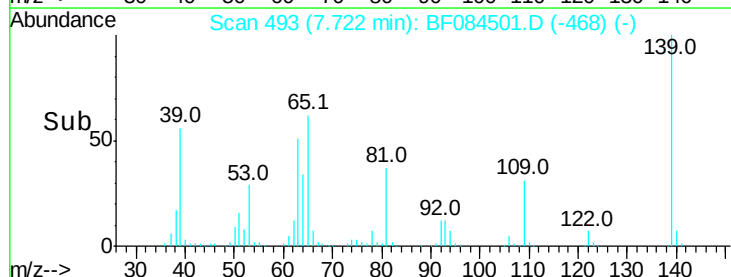
65 61.5 32.3 48.5#

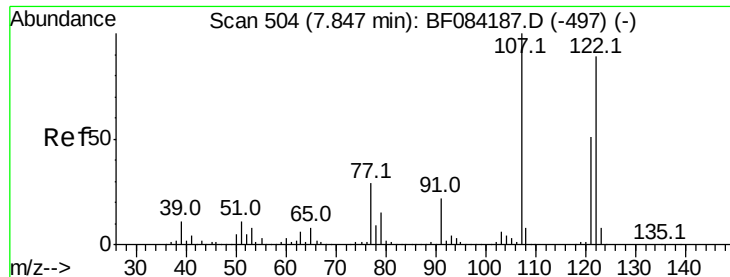


Abundance Ion 139.00 (138.70 to 139.70): E

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 :

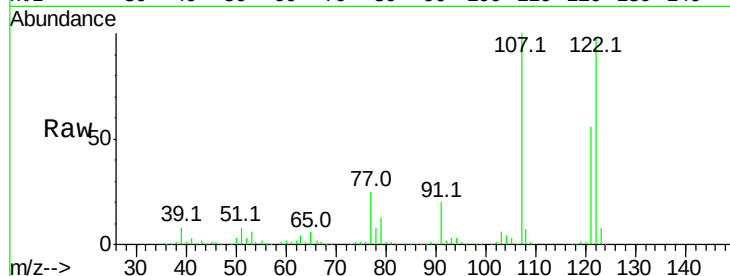
Tot Ion:122 Resp: 658240

Ion Ratio Lower Upper

122 100

107 101.6 99.1 148.7

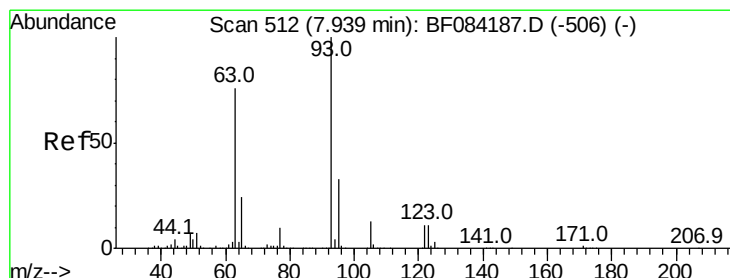
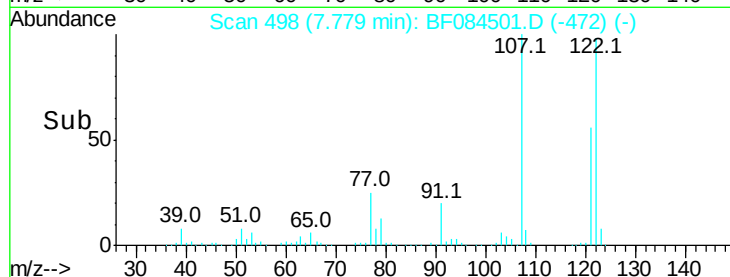
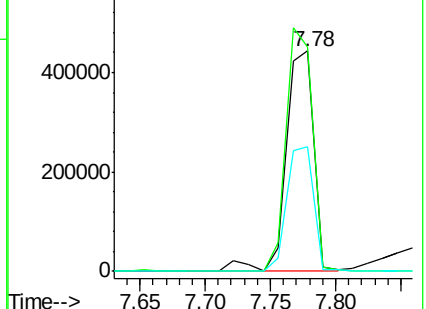
121 56.5 47.9 71.9



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

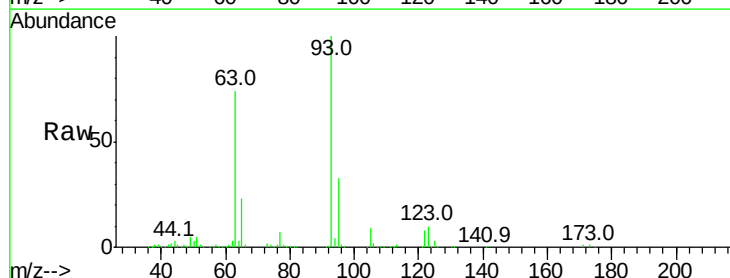
Tgt Ion: 93 Resp: 856847

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

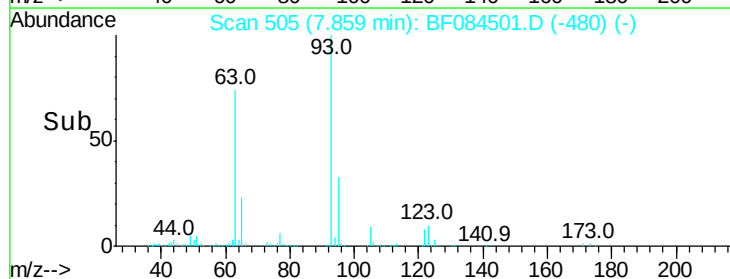
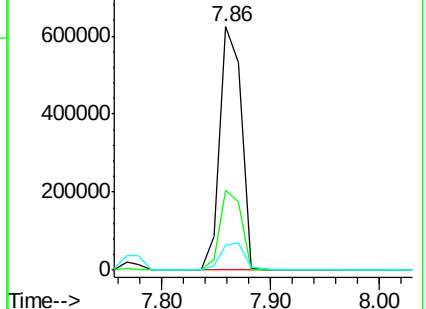
123 10.4 8.6 12.8

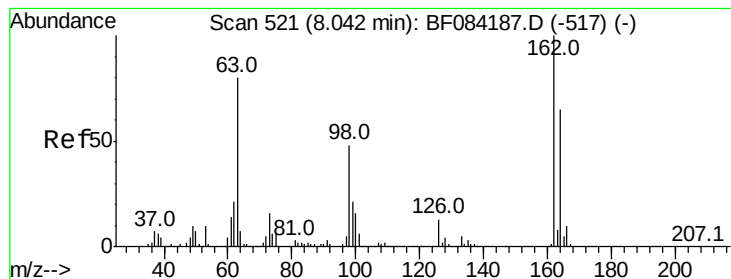


Abundance Ion 93.00 (92.70 to 93.70): BF0

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 :

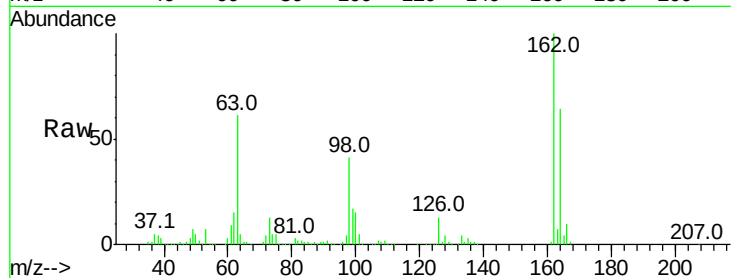
Tot Ion:162 Resp: 583949

Ion Ratio Lower Upper

162 100

164 64.0 44.1 84.1

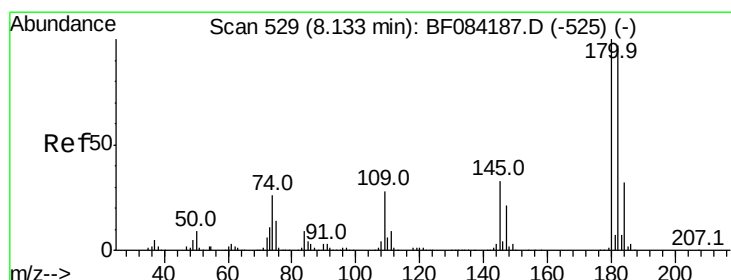
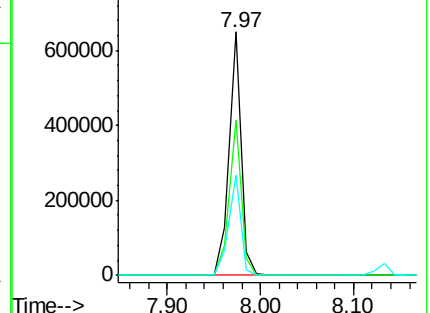
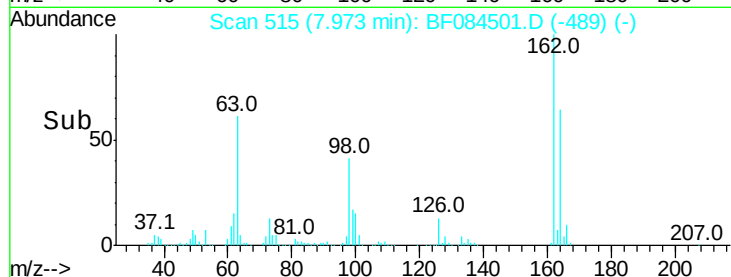
98 41.4 20.2 60.2



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

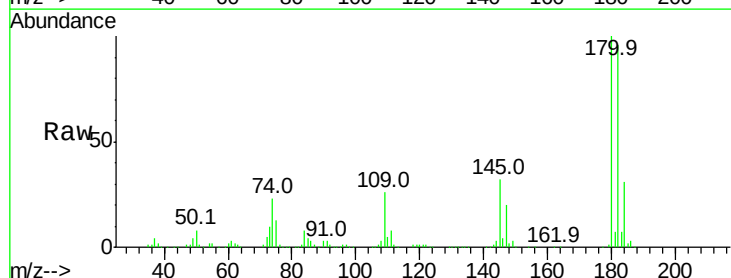
Tgt Ion:180 Resp: 626137

Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

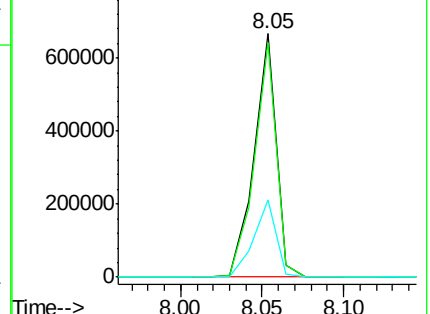
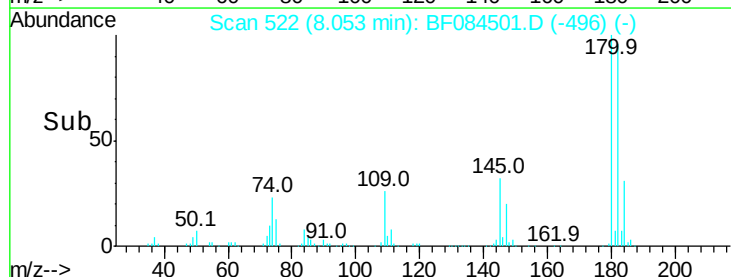
145 31.6 31.6 47.4

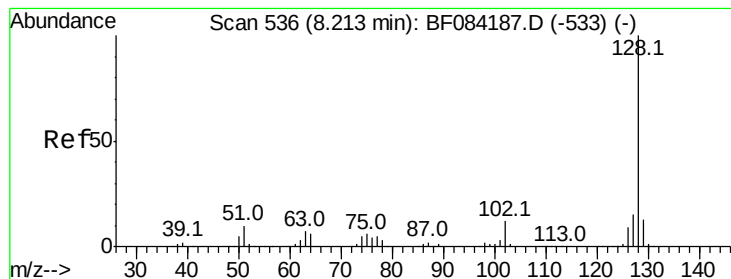


Abundance Ion 180.00 (179.70 to 180.70): E

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 :

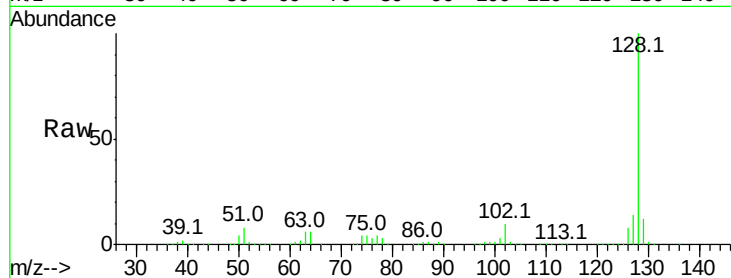
Tot Ion:128 Resp: 1986529

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

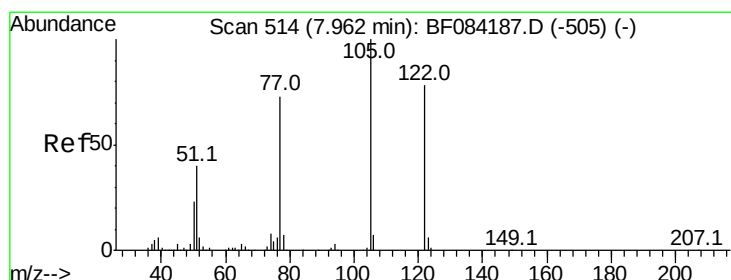
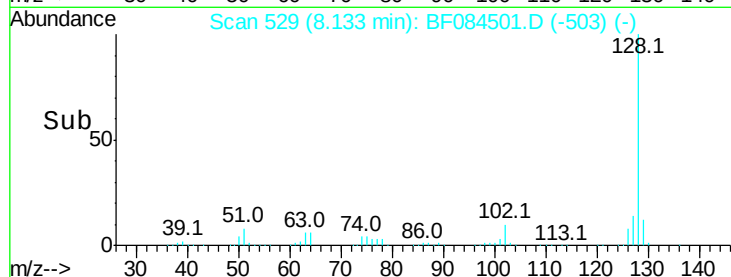
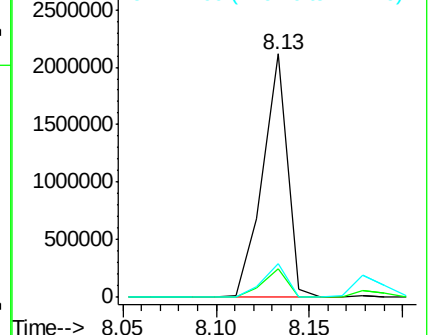
127 14.0 11.1 16.7



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

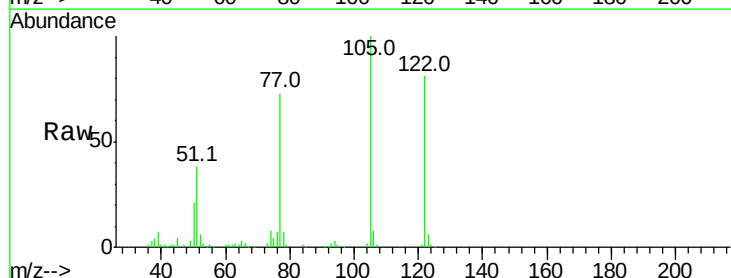
Tgt Ion:122 Resp: 266579

Ion Ratio Lower Upper

122 100

105 123.7 100.3 140.3

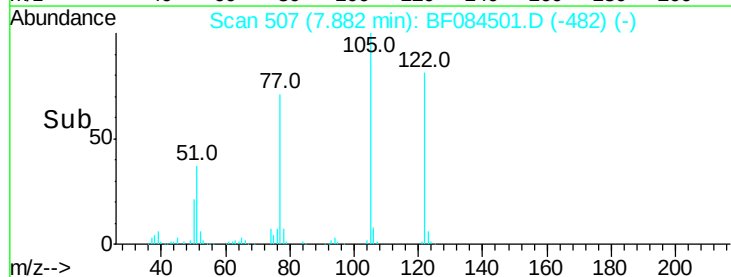
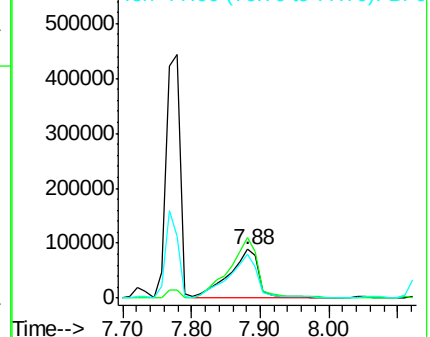
77 90.7 63.5 103.5

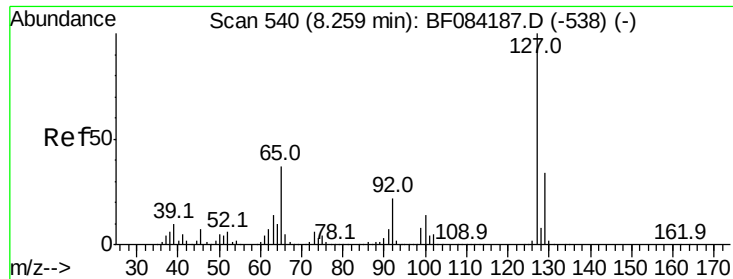


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

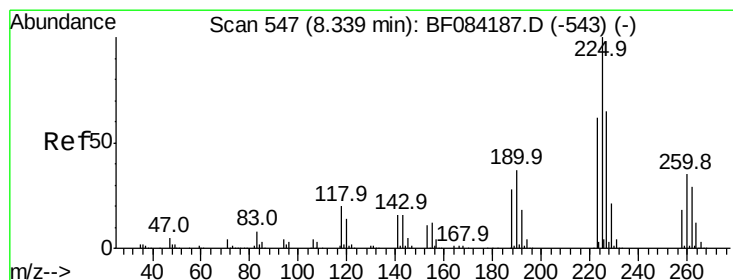
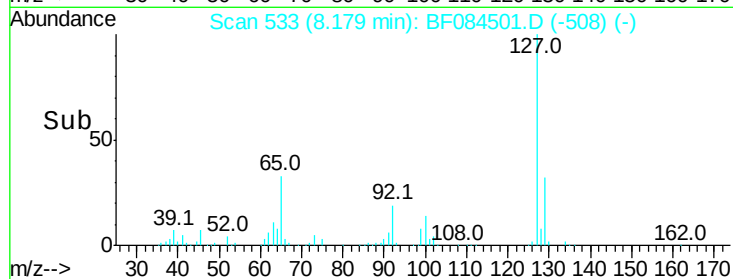
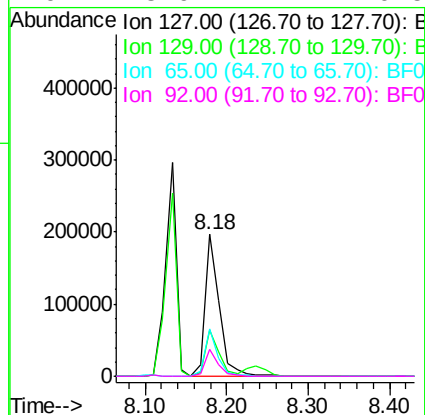
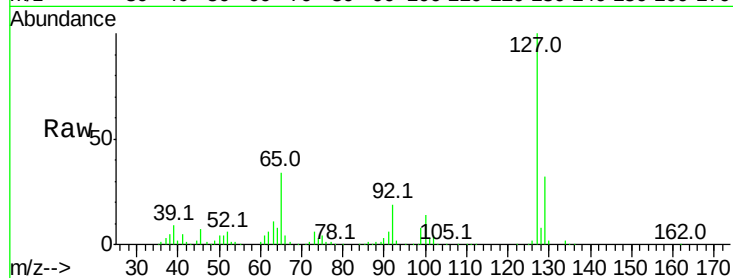




#33
4-Chloroaniline
Concen: 10.44 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

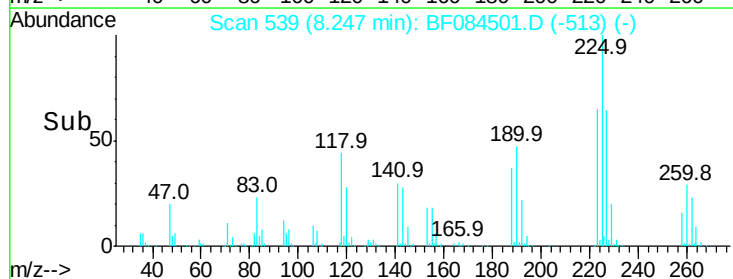
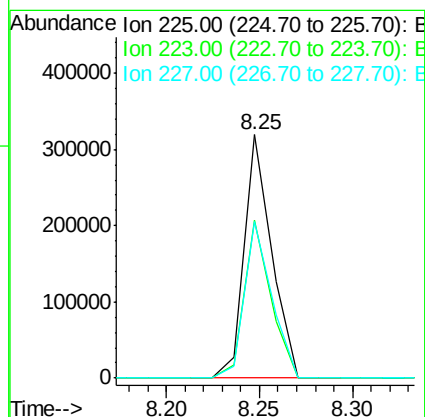
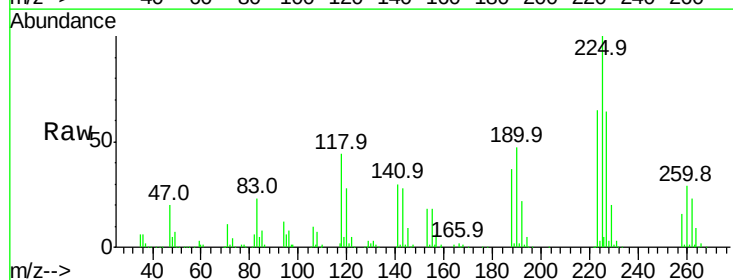
Instrument :
BNA_F
ClientSampleId :

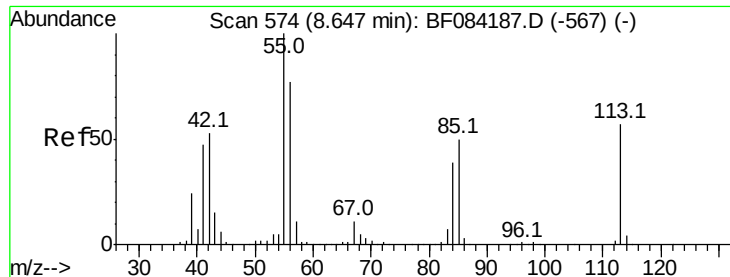
Tot Ion:	127	Resp:	242417
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	33.8	27.2	40.8
92	18.9	17.7	26.5



#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





#35

Caprolactam

Concen: 26.58 ng

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 :

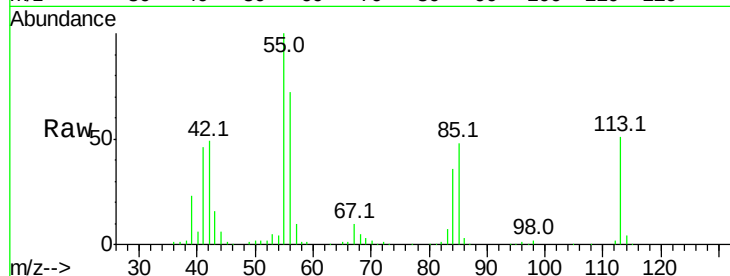
Tot Ion:113 Resp: 139803

Ion Ratio Lower Upper

113 100

55 196.7 116.9 156.9#

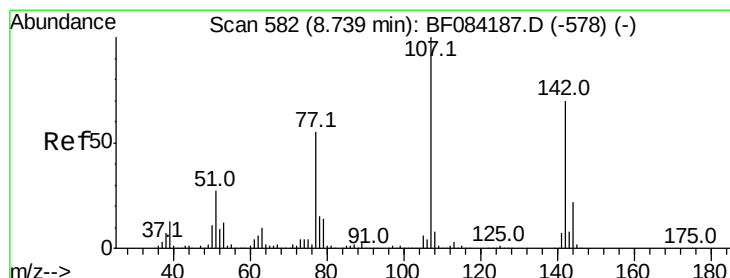
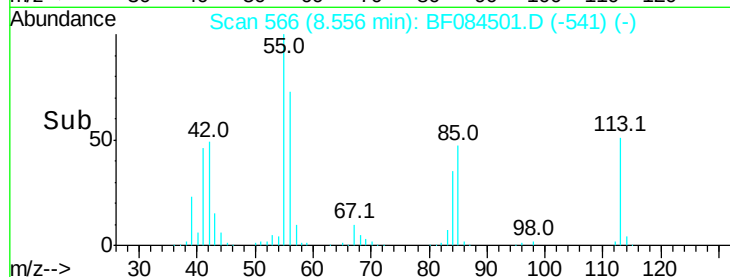
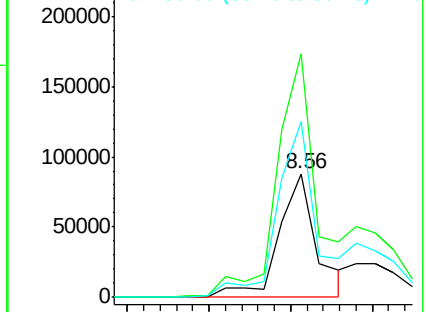
56 142.4 93.8 133.8#



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

RT: 8.68 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF084501.D

Acq: 15 Jan 2016 20:02

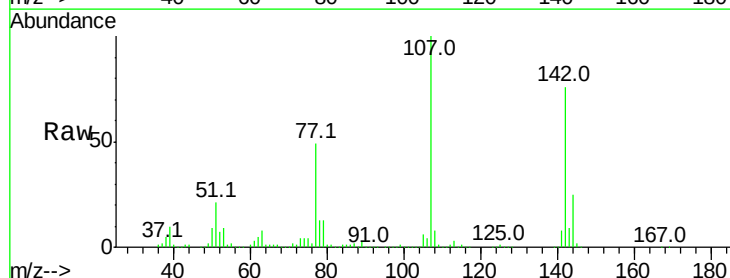
Tgt Ion:107 Resp: 667532

Ion Ratio Lower Upper

107 100

144 24.5 19.7 29.5

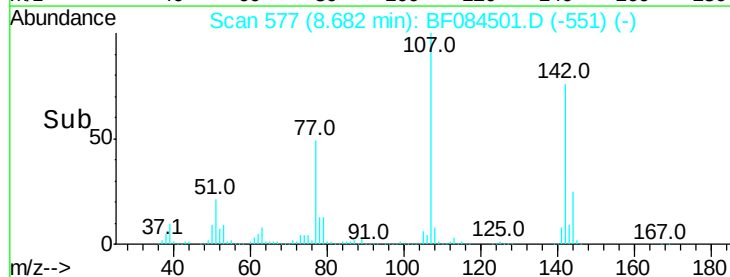
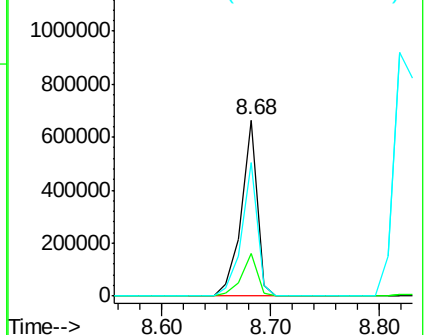
142 76.0 61.8 92.6

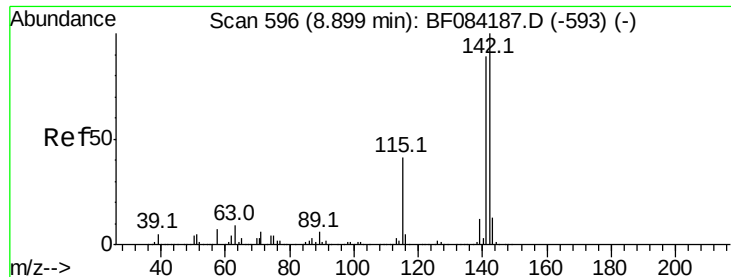


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



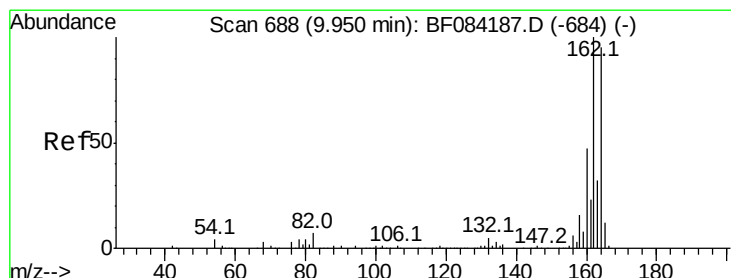
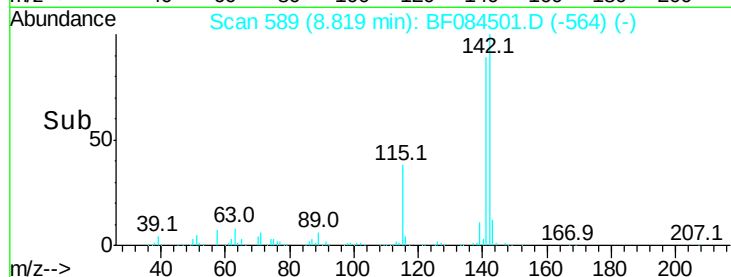
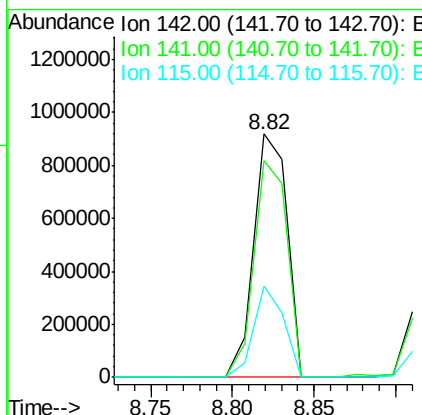
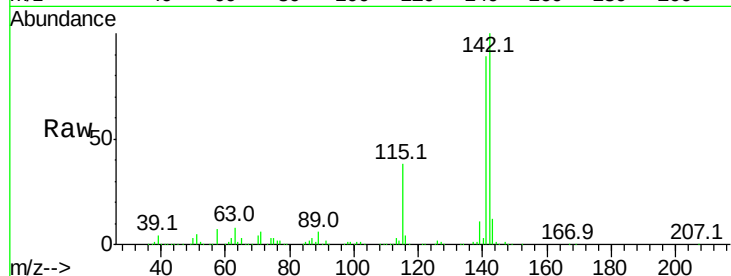


#37
 2-Methylnaphthalene
 Concen: 35.84 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1302403

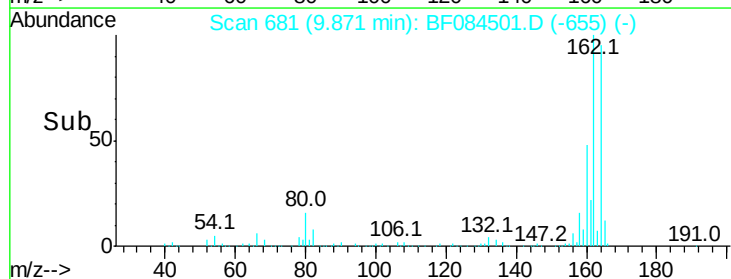
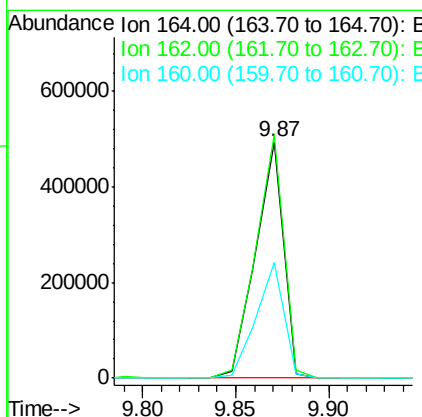
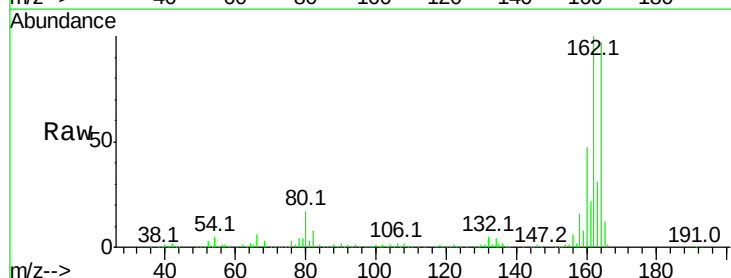
Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.4	108.6
115	37.5	27.9	41.9

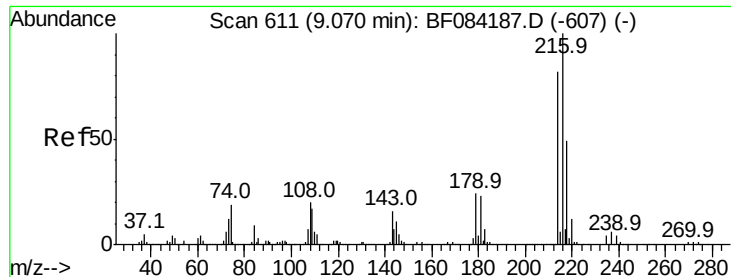


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

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





#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 :

Tot Ion:216 Resp: 540258

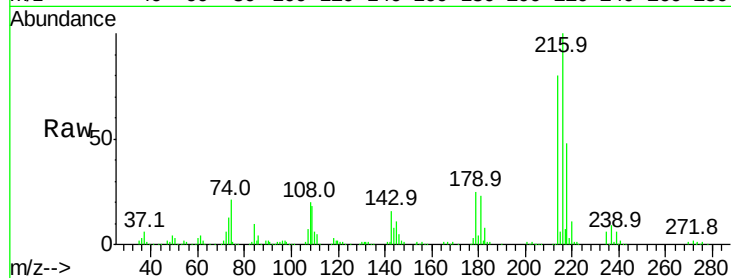
Ion Ratio Lower Upper

216 100

214 78.4 64.2 96.2

179 24.0 18.7 28.1

108 22.8 16.8 25.2

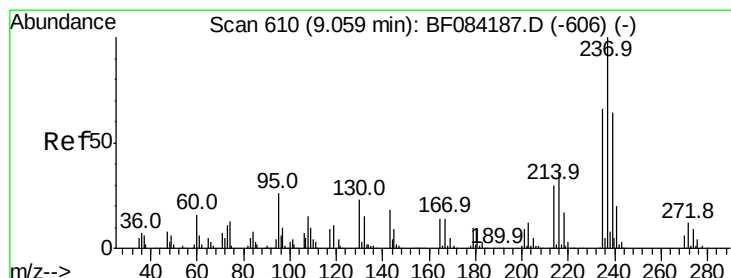
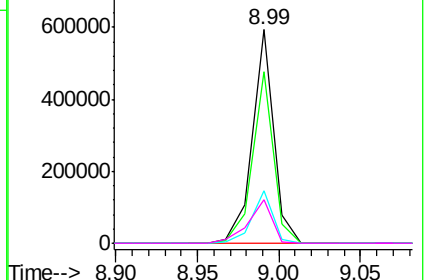
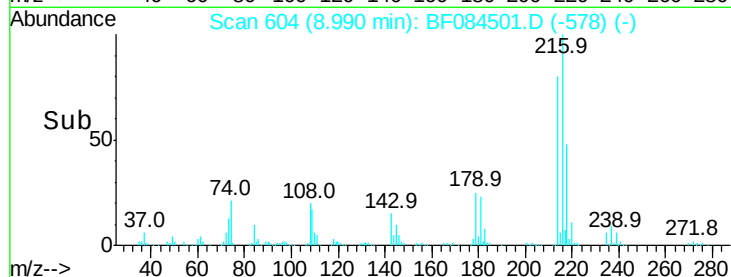


Abundance Ion 216.00 (215.70 to 216.70): E

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

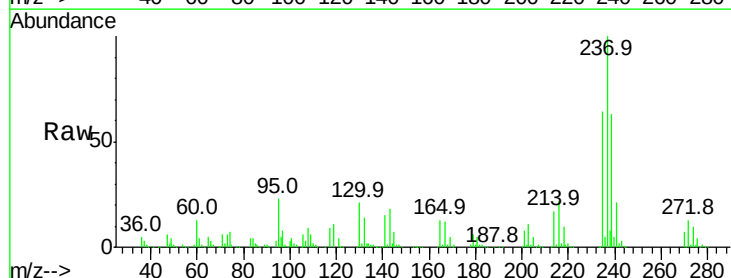
Tgt Ion:237 Resp: 451470

Ion Ratio Lower Upper

237 100

235 64.3 43.1 83.1

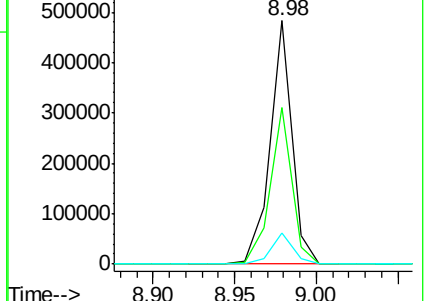
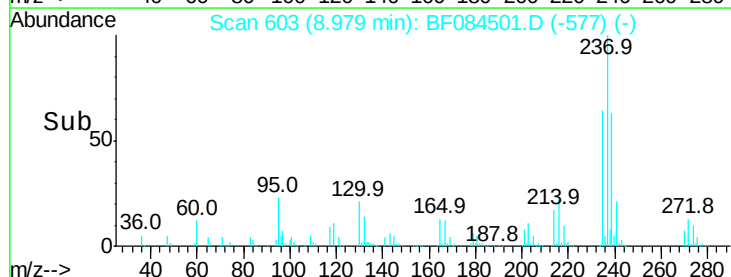
272 12.7 0.0 35.1

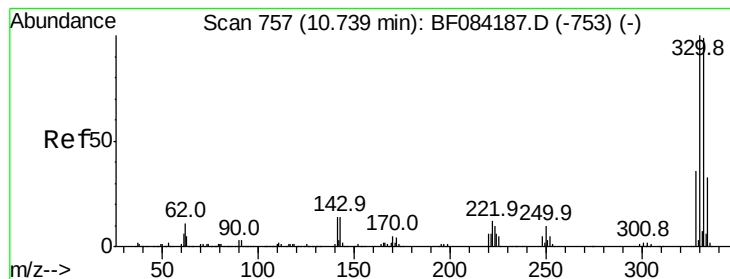


Abundance Ion 236.80 (236.50 to 237.50): E

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 :

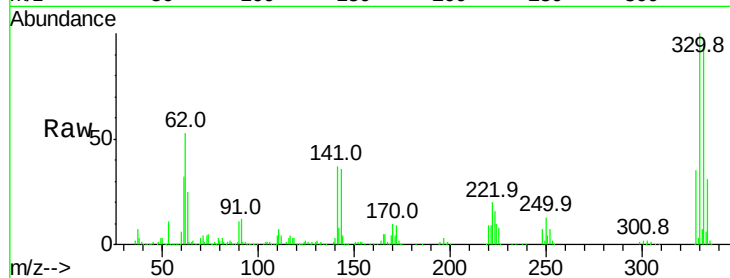
Tot Ion:330 Resp: 539698

Ion Ratio Lower Upper

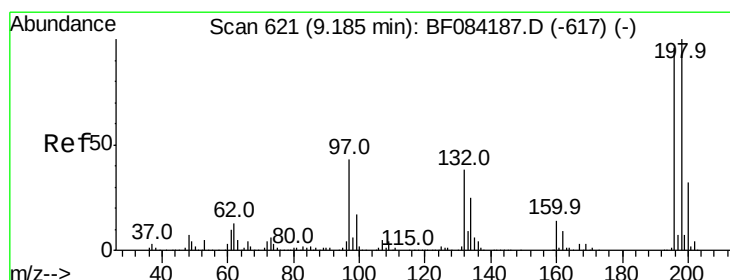
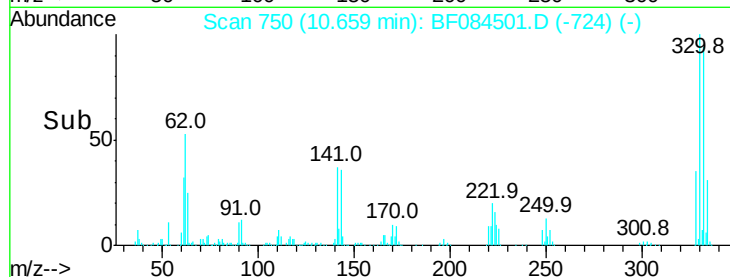
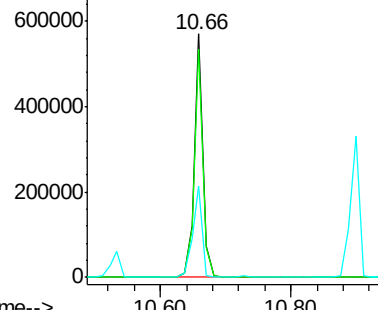
330 100

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

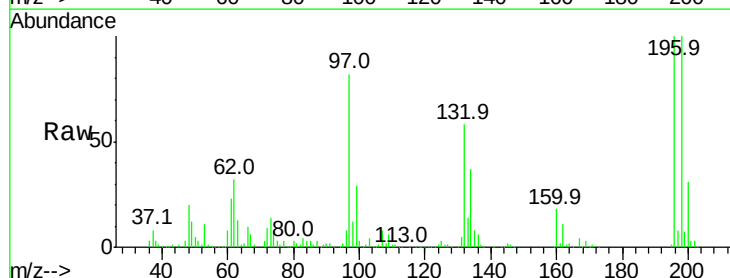
Tgt Ion:196 Resp: 383443

Ion Ratio Lower Upper

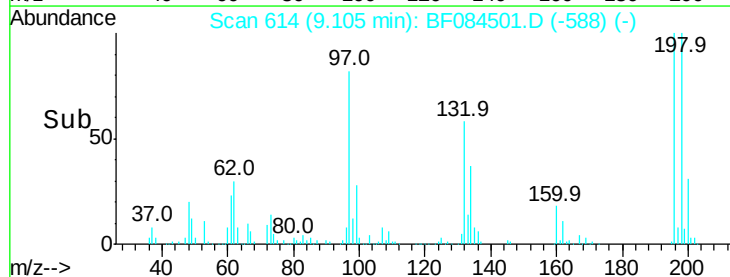
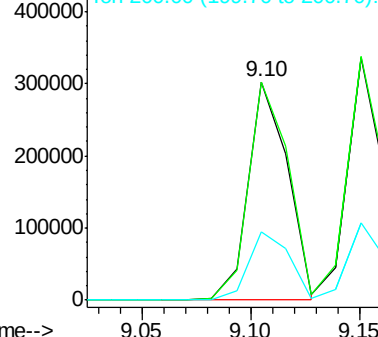
196 100

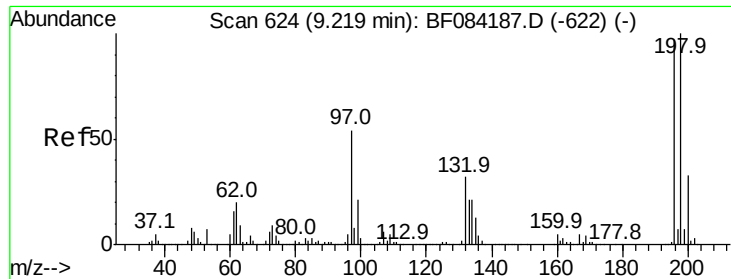
198 100.1 77.7 116.5

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

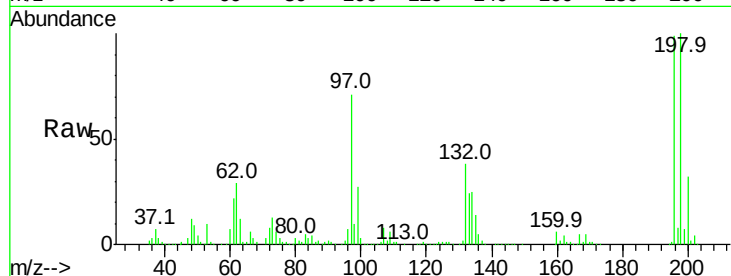




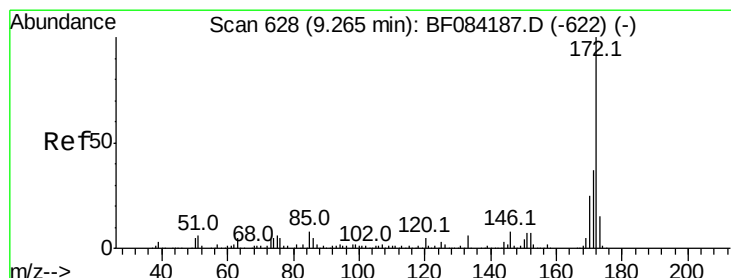
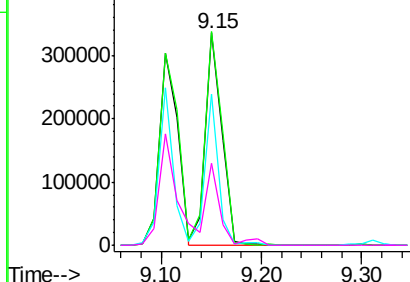
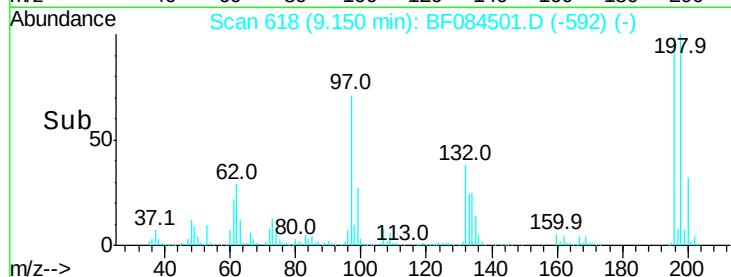
#43
 2,4,5-Trichlorophenol
 Concen: 36.29 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 382158
 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#

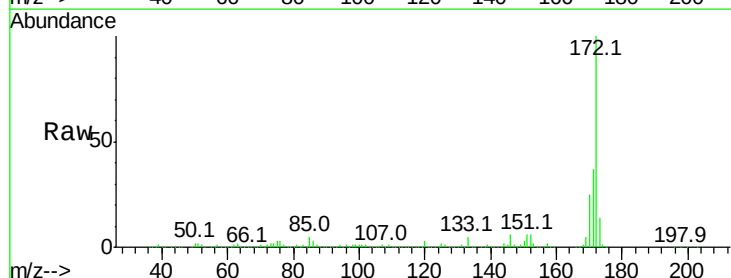


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

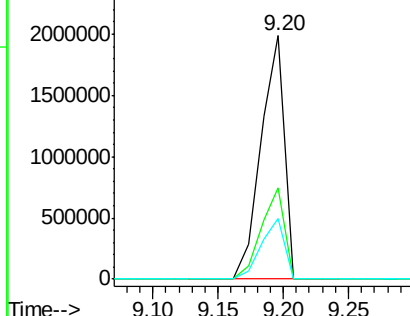
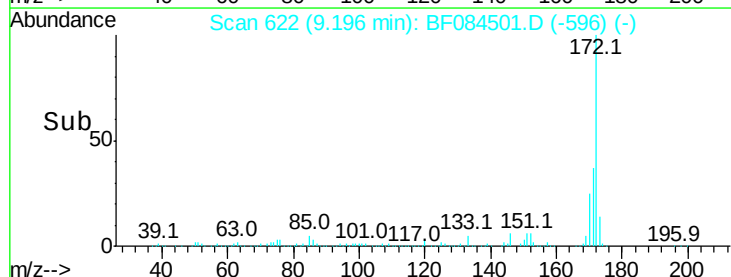


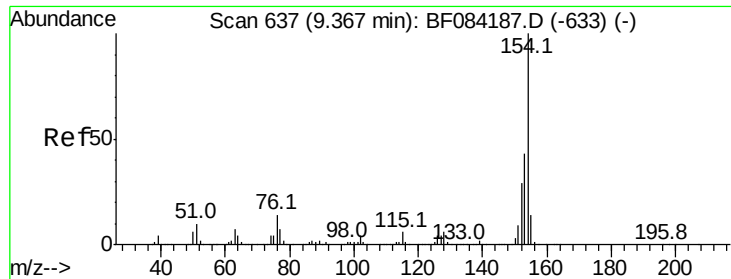
#44
 2-Fluorobiphenyl
 Concen: 85.83 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Tgt Ion:172 Resp: 2490390
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.9 43.3
 170 25.1 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#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

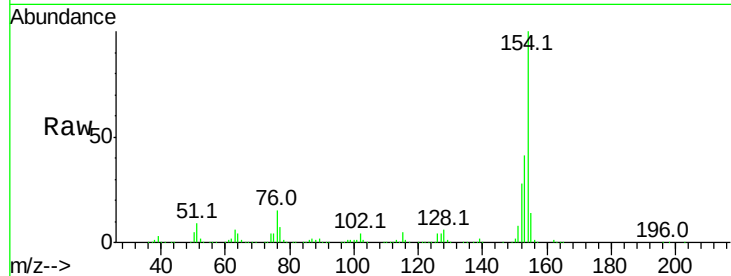
Instrument :

BNA_F

ClientSampleId :

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

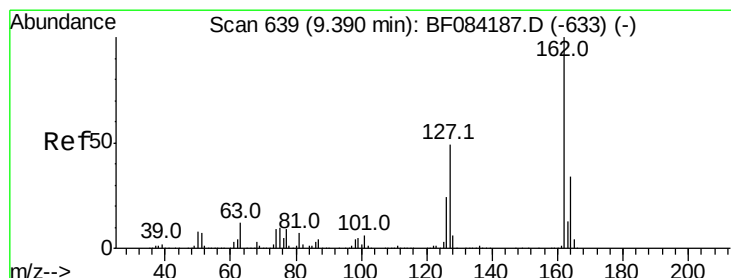
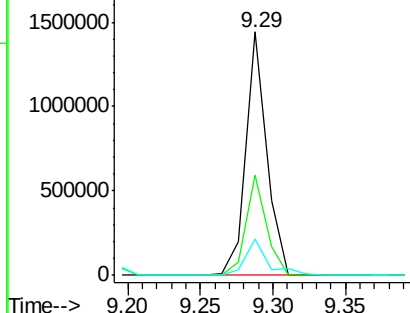
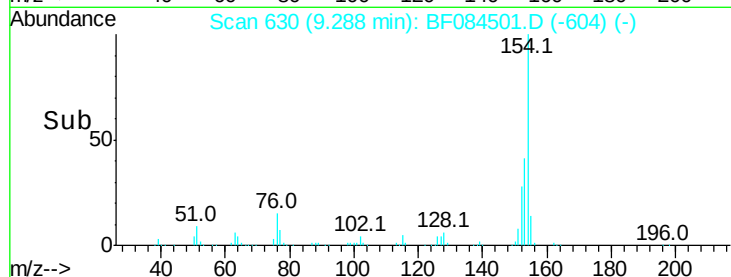


Abundance

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

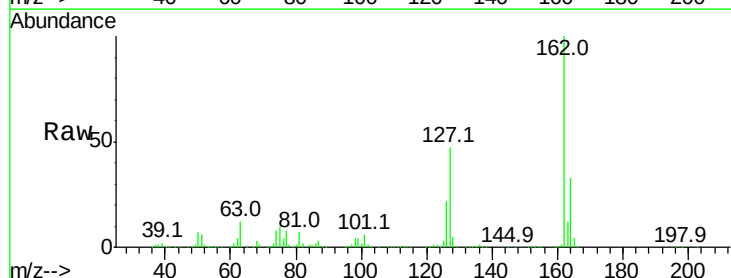
Delta R.T. 0.00 min

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

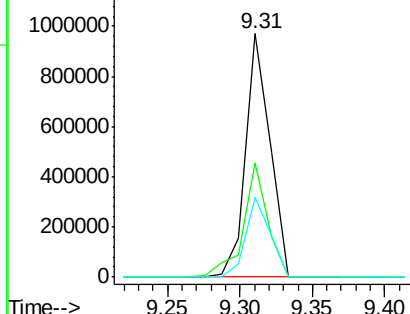
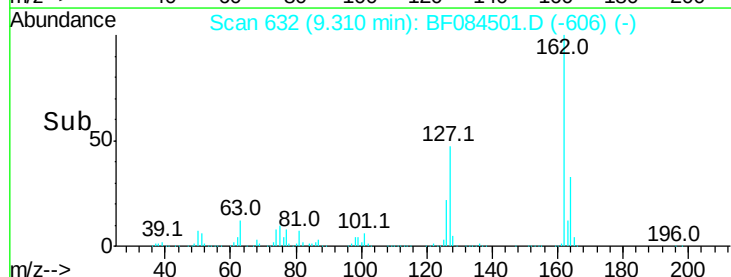


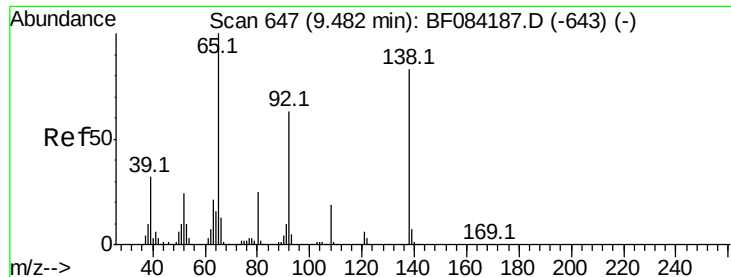
Abundance

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

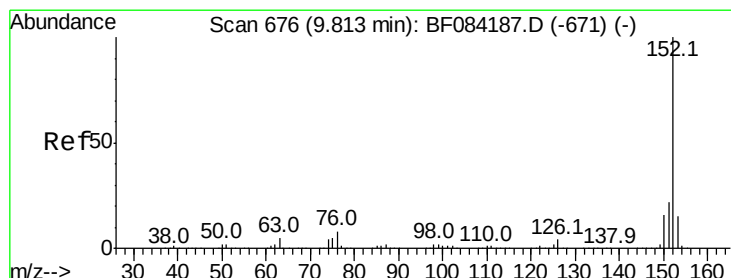
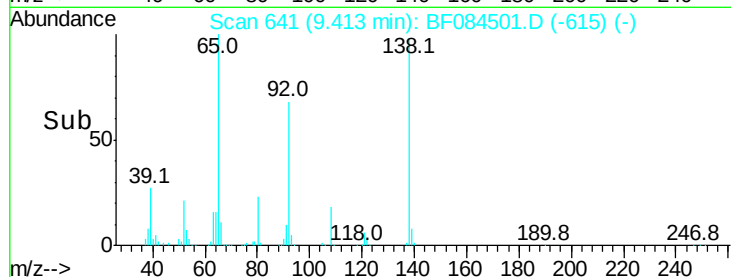
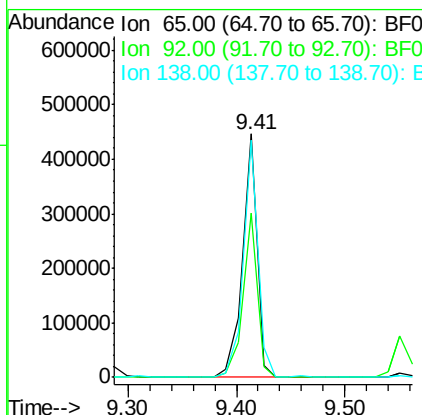
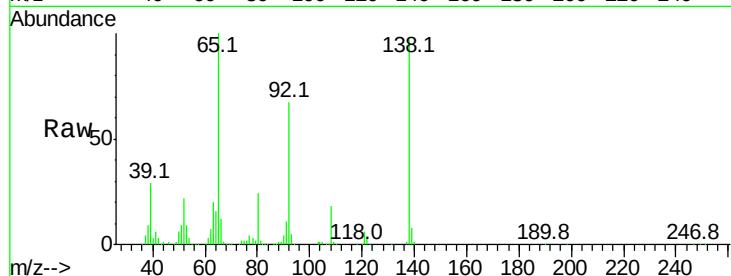




#47
2-Nitroaniline
Concen: 38.58 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

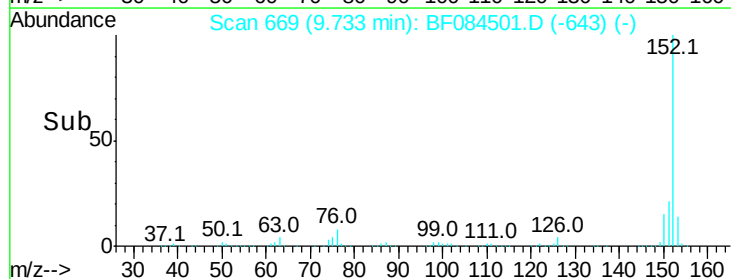
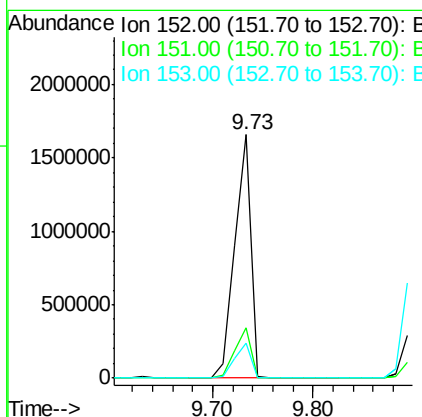
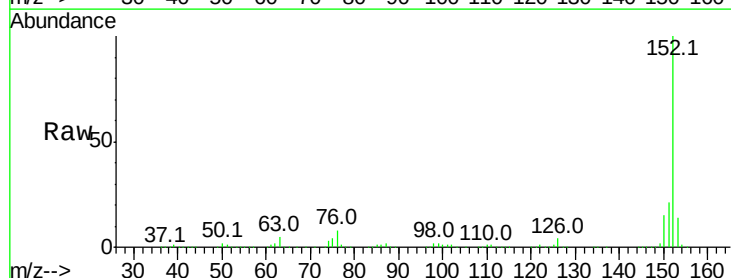
Instrument :
BNA_F
ClientSampleId :

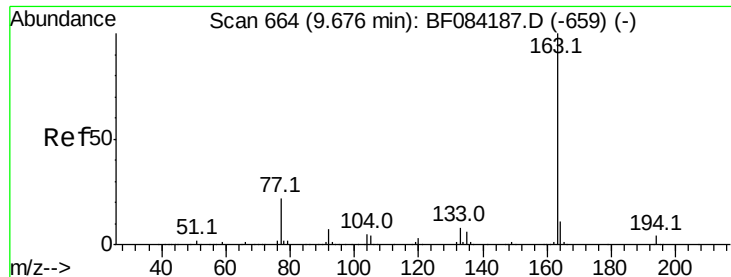
Tot Ion: 65 Resp: 405993
Ion Ratio Lower Upper
65 100
92 67.2 53.4 80.2
138 97.4 71.1 106.7



#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 :

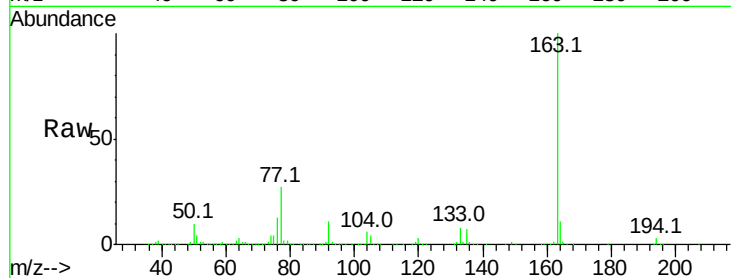
Tot Ion:163 Resp: 1816175

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

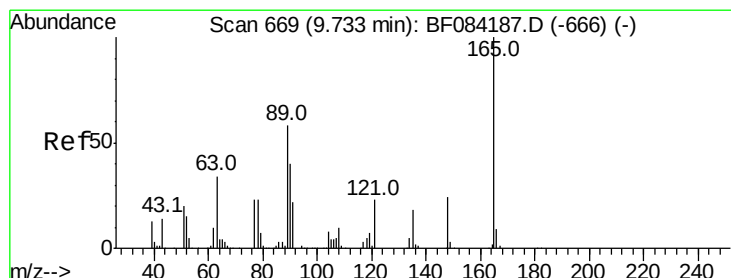
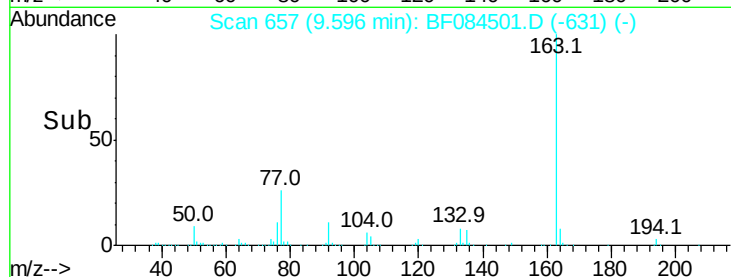
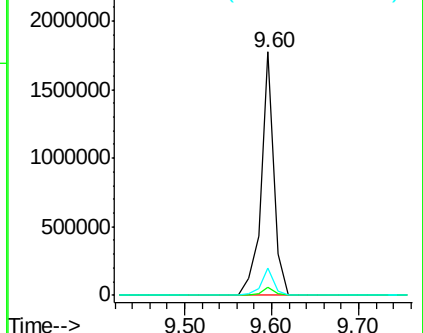
164 11.1 8.0 12.0



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

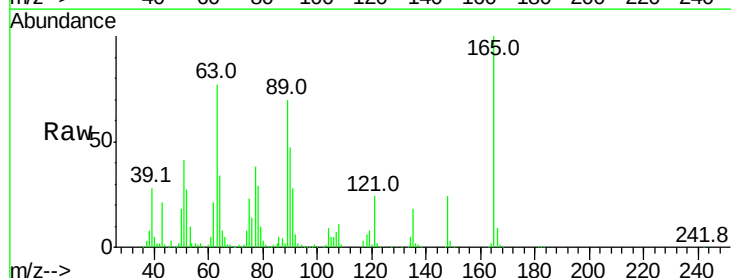
Tgt Ion:165 Resp: 290793

Ion Ratio Lower Upper

165 100

63 76.5 28.8 43.2#

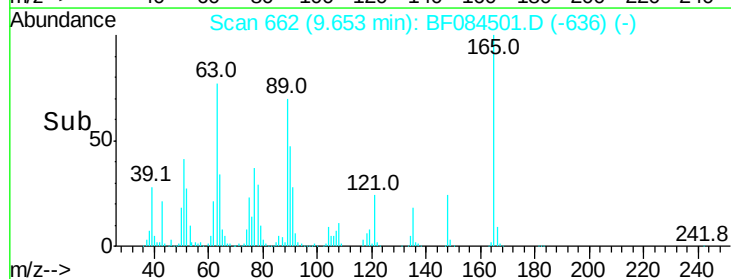
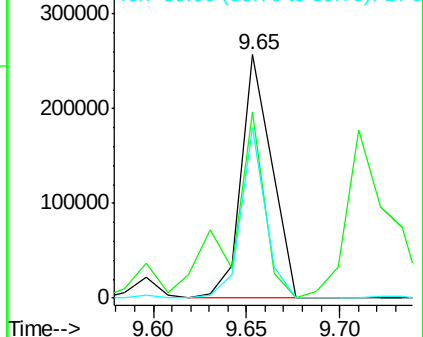
89 70.1 35.1 52.7#

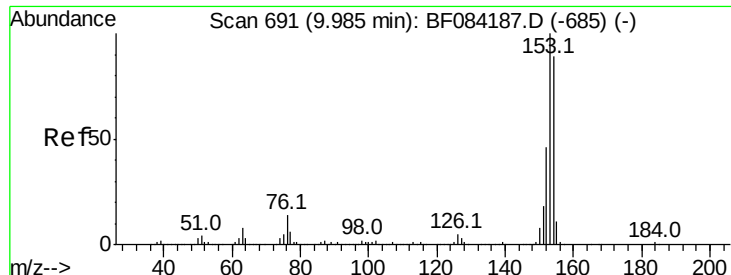


Abundance Ion 165.00 (164.70 to 165.70): E

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

ClientSampled :

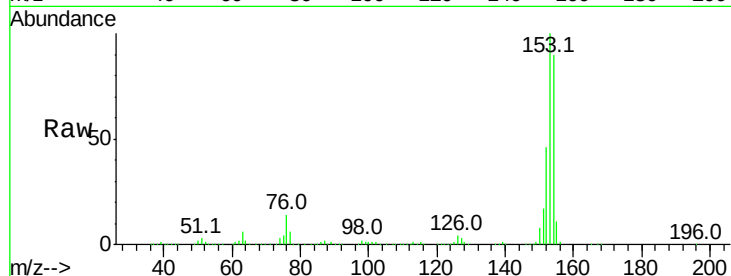
Tot Ion:154 Resp: 1312611

Ion Ratio Lower Upper

154 100

153 111.1 91.5 137.3

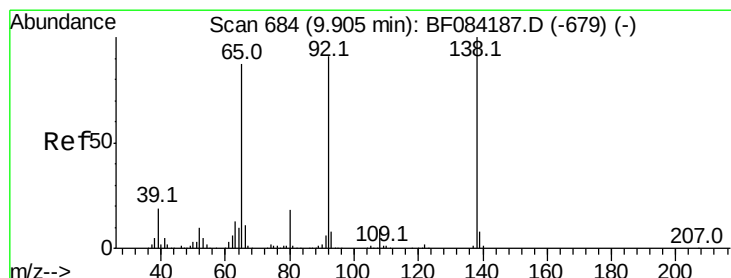
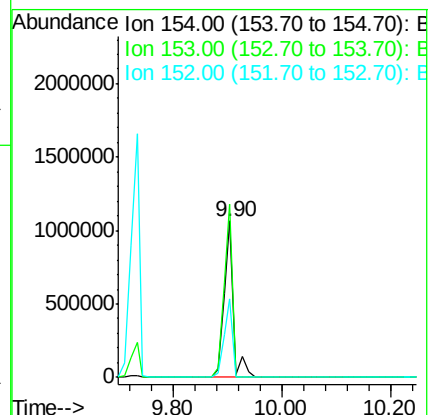
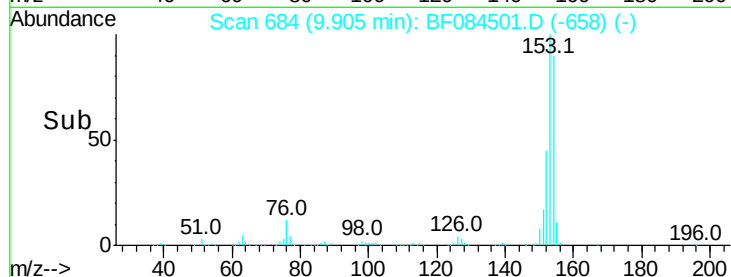
152 50.6 43.0 64.6



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

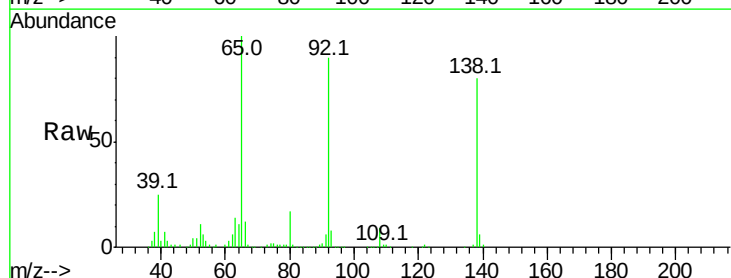
Tgt Ion:138 Resp: 218394

Ion Ratio Lower Upper

138 100

108 10.6 10.5 15.7

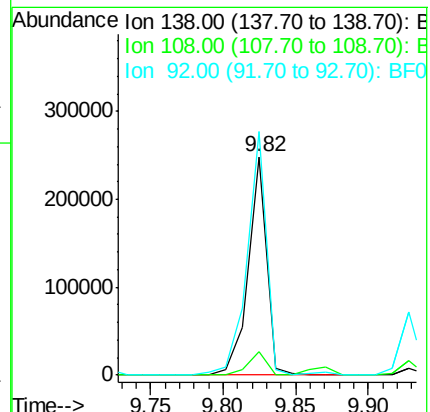
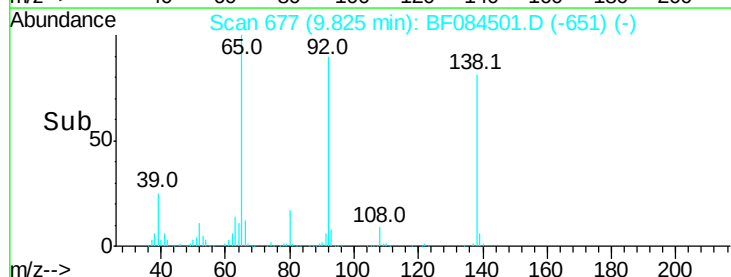
92 111.6 103.9 155.9

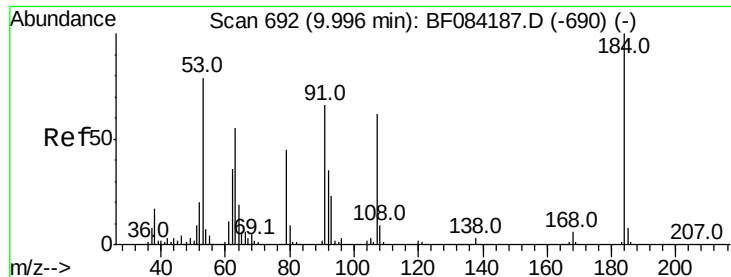


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

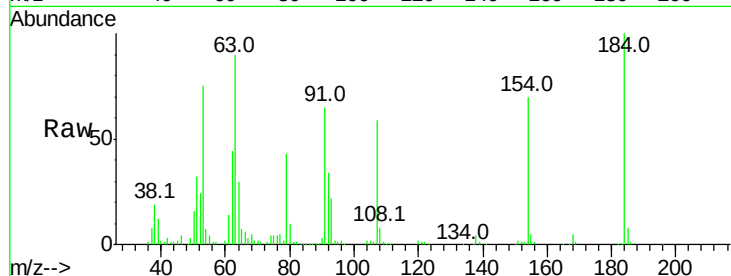




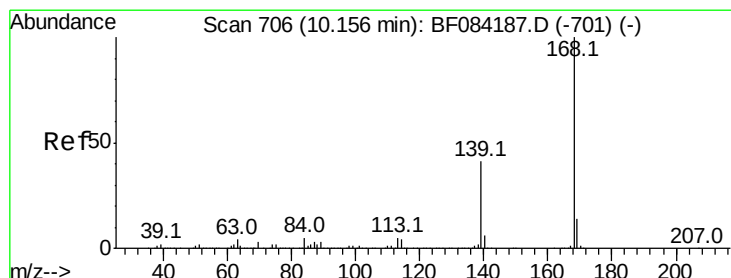
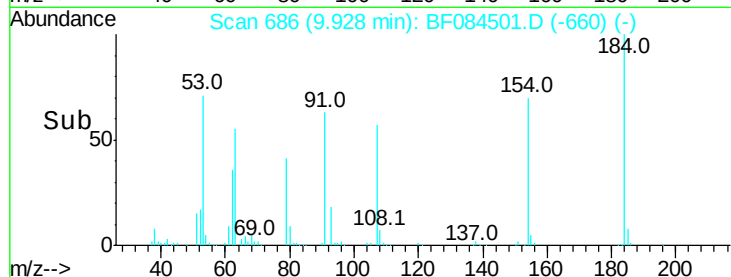
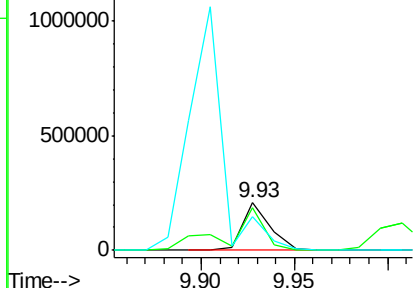
#53
2,4-Dinitrophenol
Concen: 63.59 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :

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

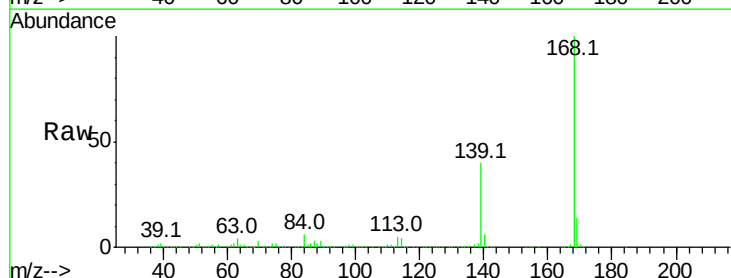


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

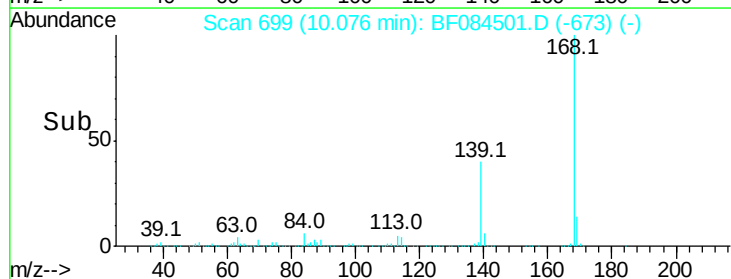
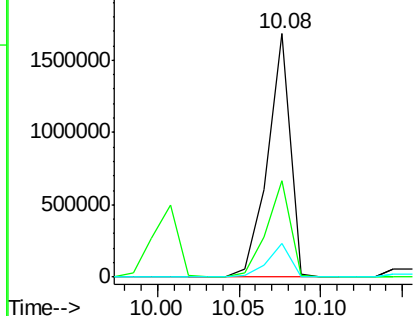


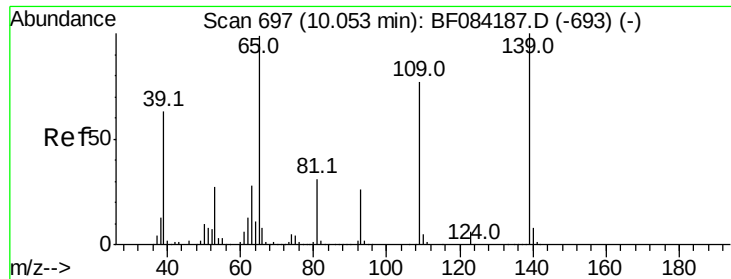
#54
Dibenzofuran
Concen: 39.37 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

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 :

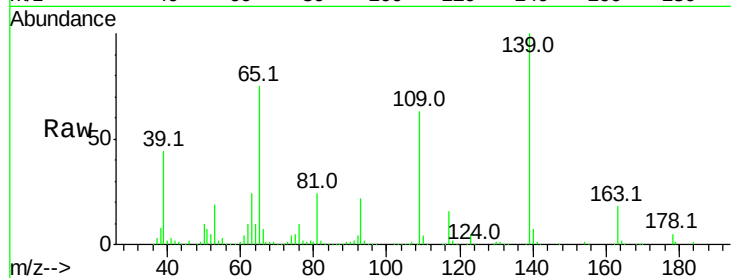
Tot Ion:139 Resp: 561516

Ion Ratio Lower Upper

139 100

109 62.6 58.5 98.5

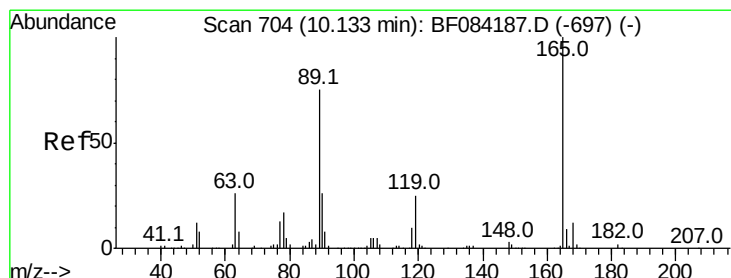
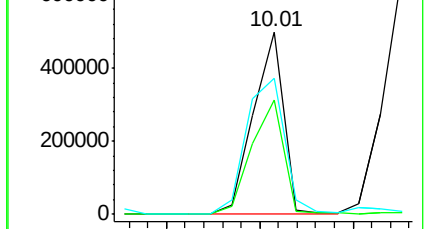
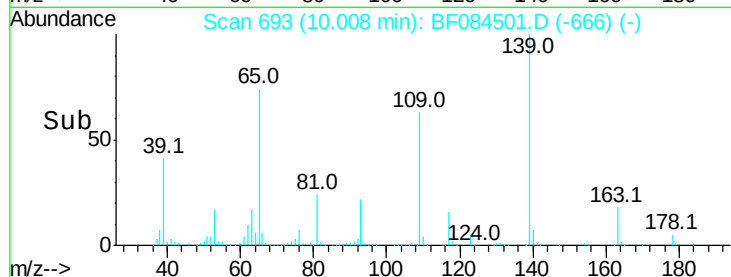
65 74.9 57.6 97.6



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

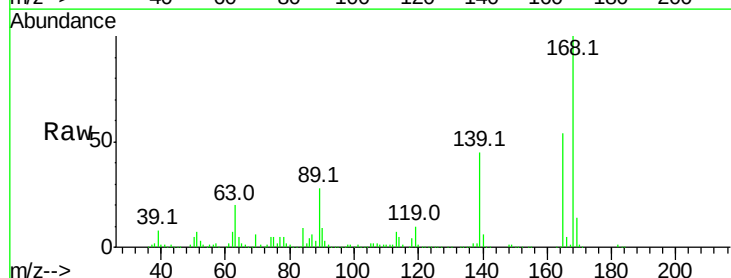
Ion Ratio Lower Upper

165 100

63 37.0 36.7 55.1

89 52.0 61.9 92.9#

182 2.3 2.0 3.0

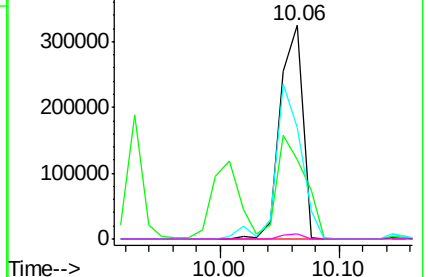
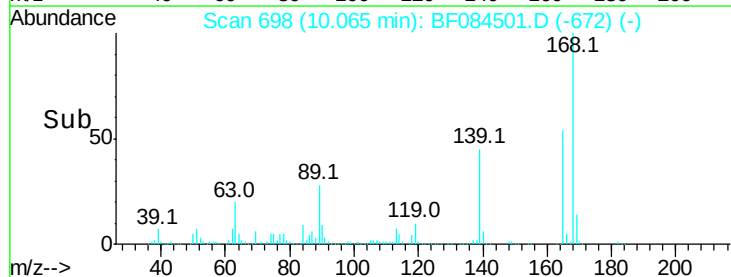


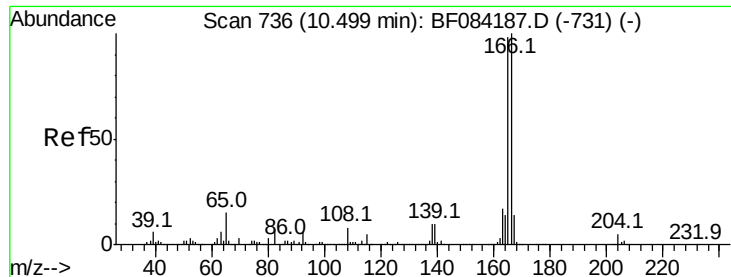
Abundance Ion 165.00 (164.70 to 165.70): E

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

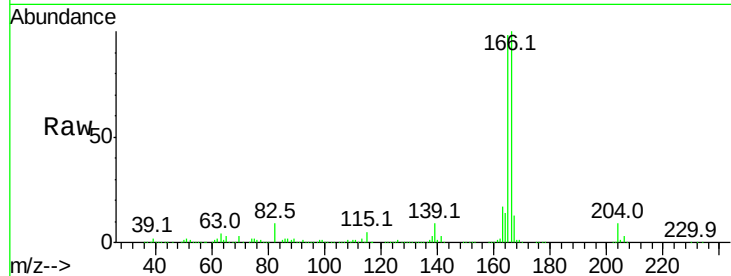




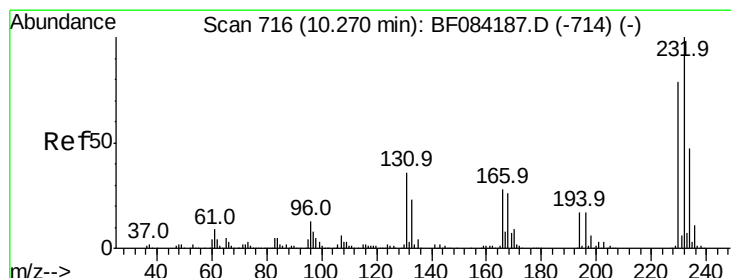
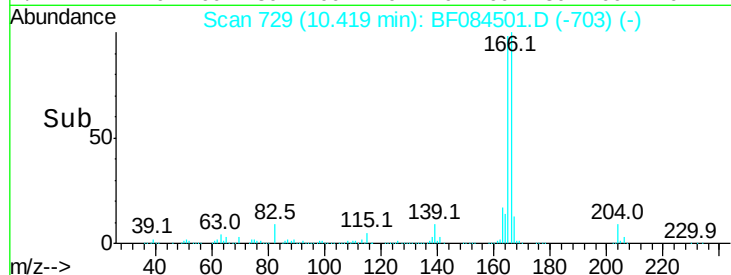
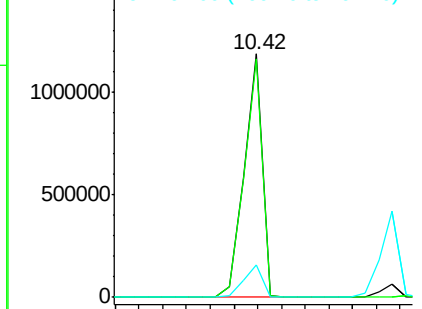
#57
 Fluorene
 Concen: 39.55 ng
 RT: 10.42 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :

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

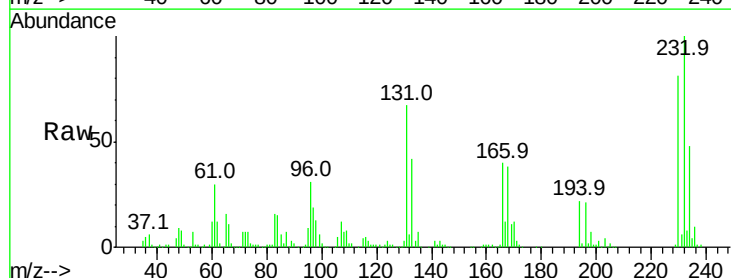


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

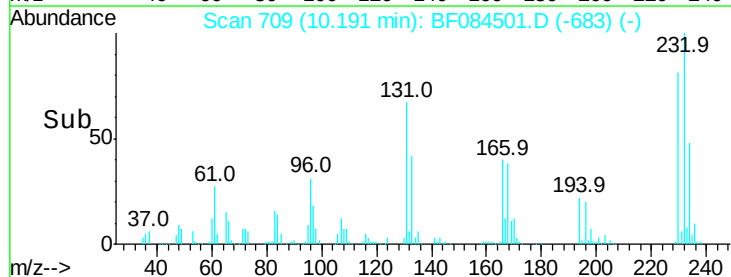
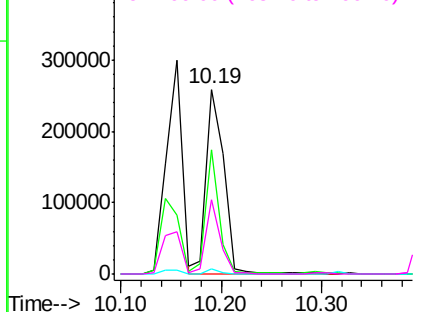


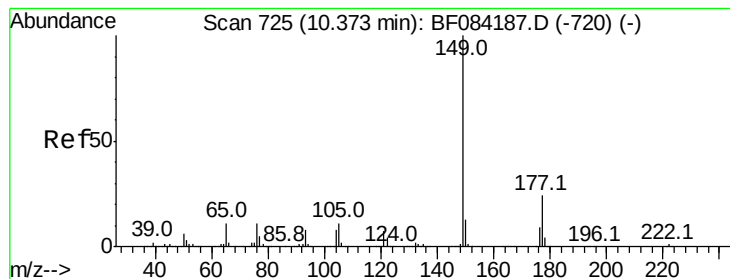
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.10 ng
 RT: 10.19 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

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

ClientSampled :

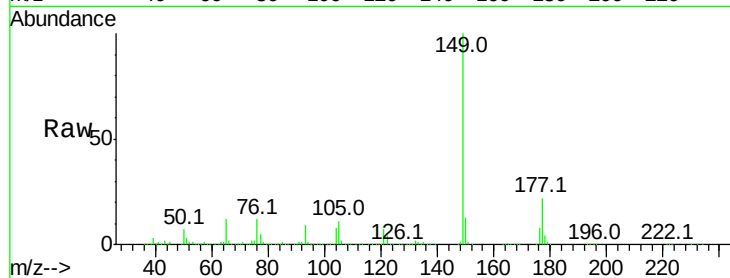
Tot Ion:149 Resp: 1288955

Ion Ratio Lower Upper

149 100

177 21.6 17.3 25.9

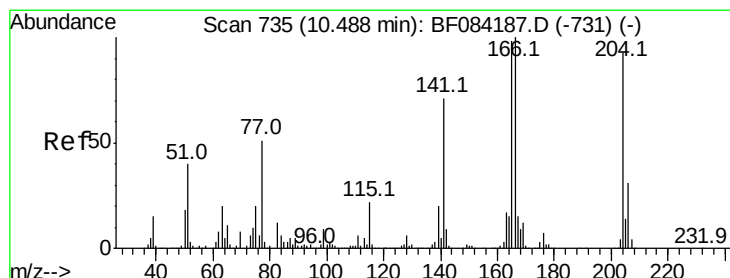
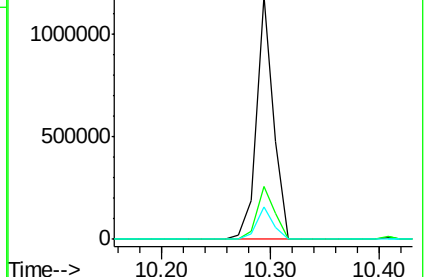
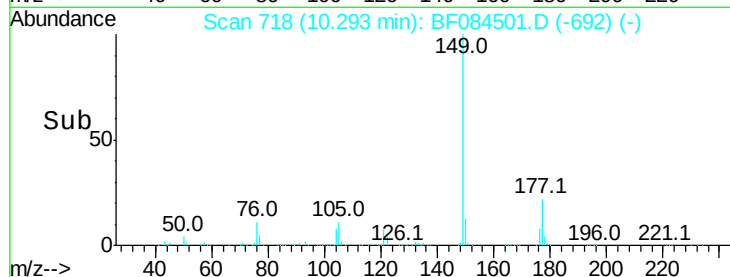
150 13.3 9.8 14.8



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

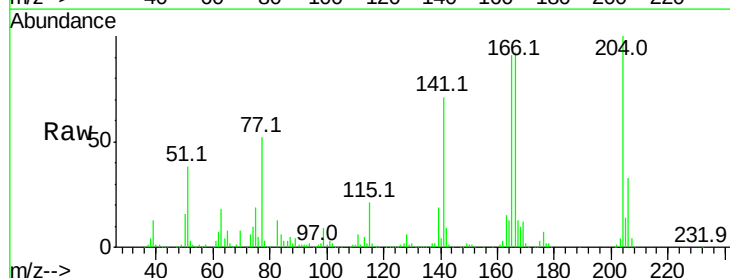
Tgt Ion:204 Resp: 549199

Ion Ratio Lower Upper

204 100

206 32.6 25.7 38.5

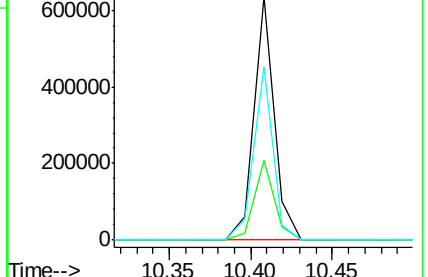
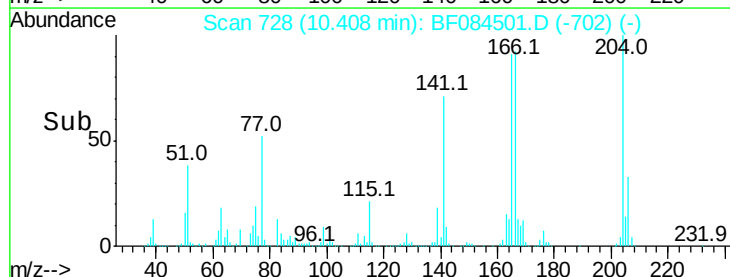
141 71.3 55.1 82.7

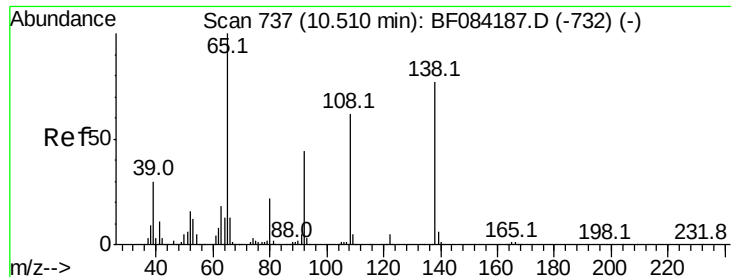


Abundance Ion 204.00 (203.70 to 204.70): E

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 :

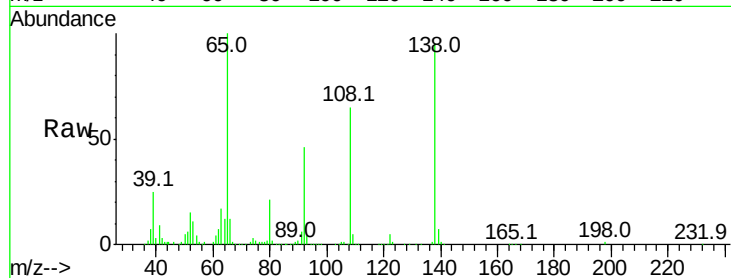
Tot Ion:138 Resp: 339753

Ion Ratio Lower Upper

138 100

92 48.6 32.6 72.6

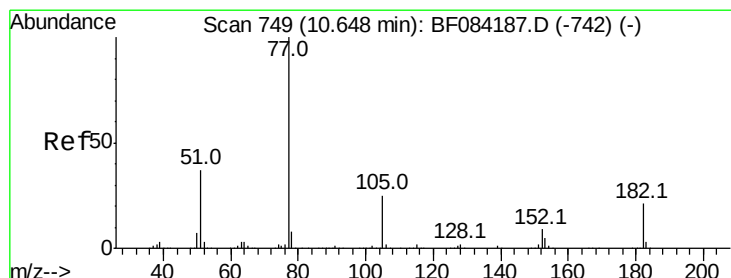
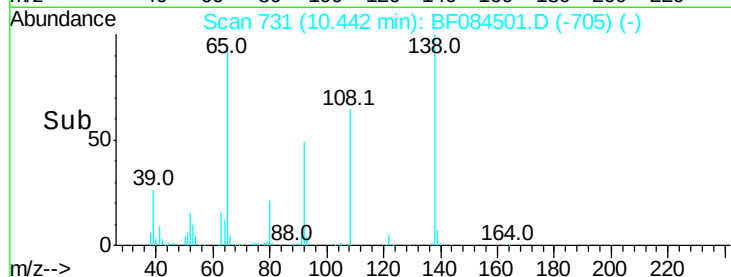
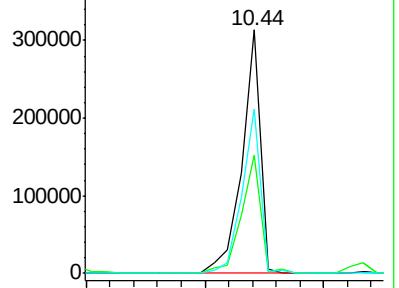
108 67.6 68.6 108.6#



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

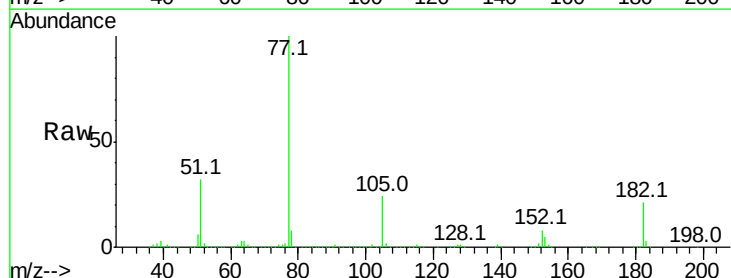
Ion Ratio Lower Upper

77 100

182 21.3 8.3 48.3

105 24.2 4.6 44.6

51 32.4 6.2 46.2

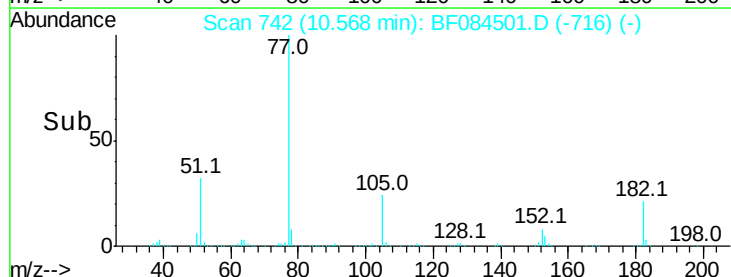
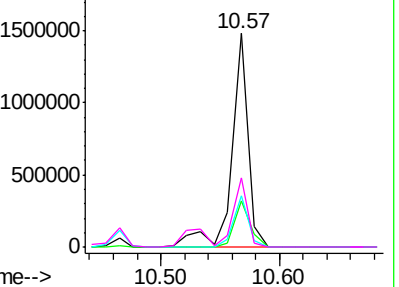


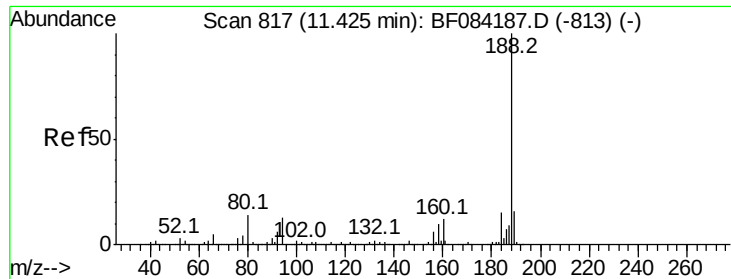
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

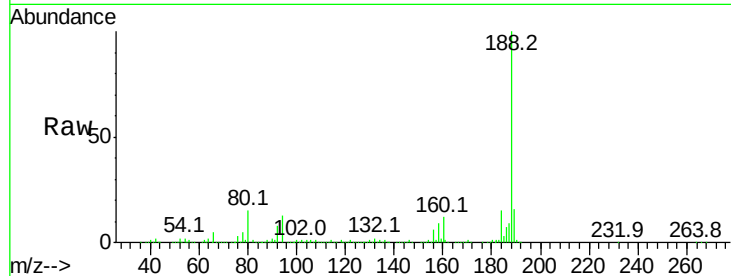




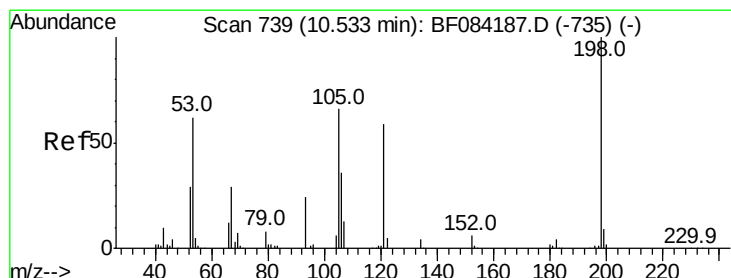
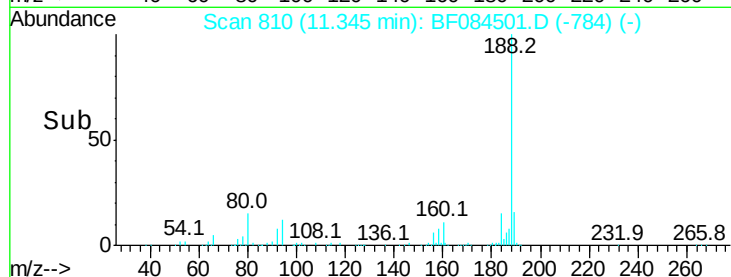
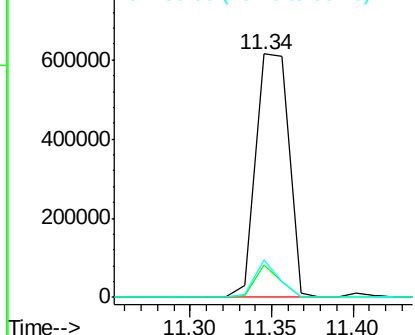
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :

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#

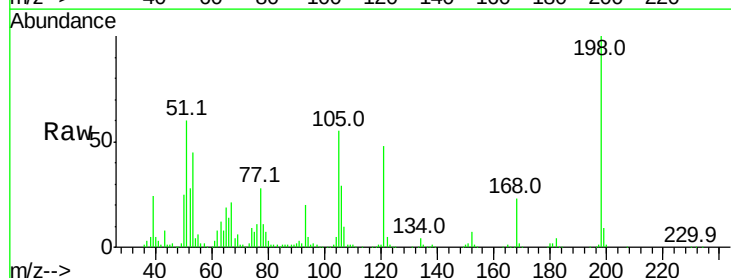


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

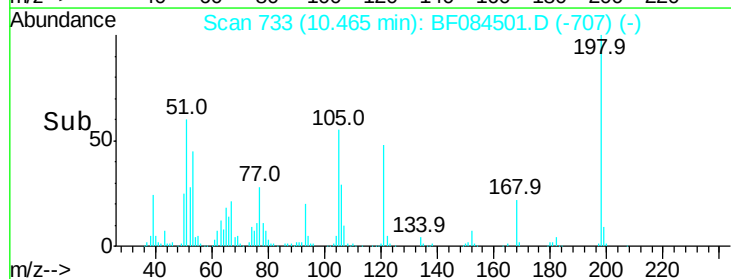
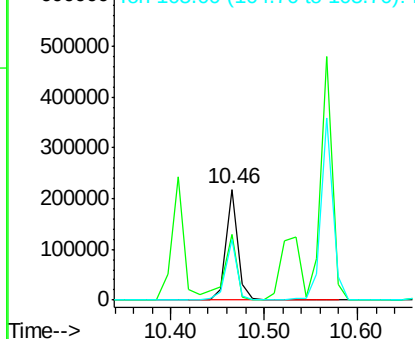


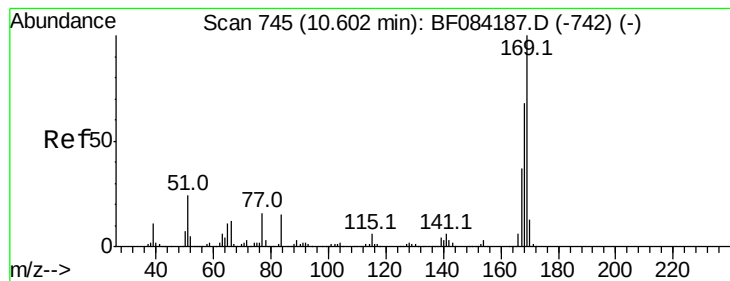
#64
4,6-Dinitro-2-methylphenol
Concen: 36.18 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

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 :

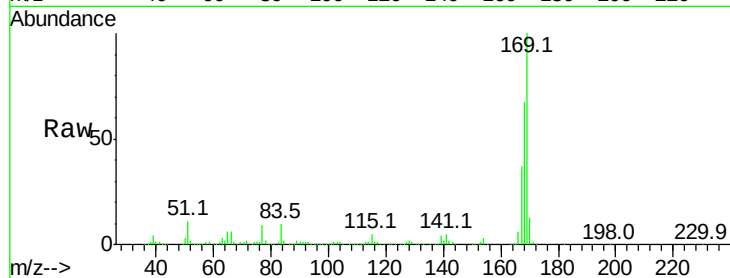
Tot Ion:169 Resp: 1173059

Ion Ratio Lower Upper

169 100

168 67.1 55.1 82.7

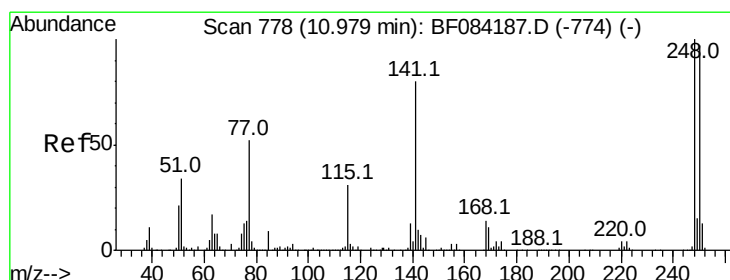
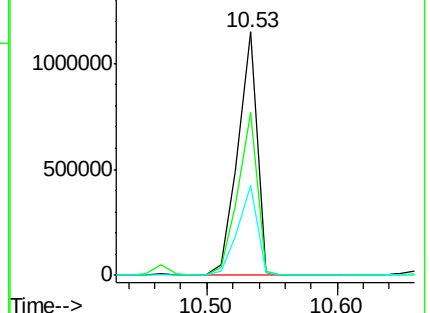
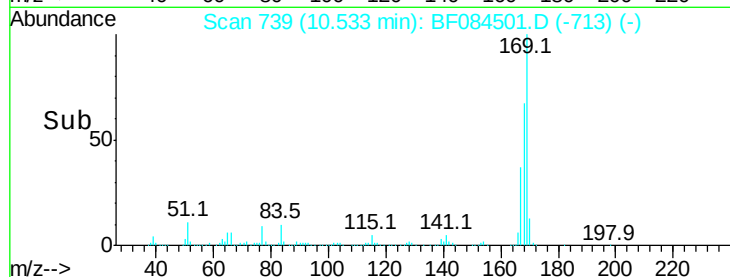
167 36.9 30.0 45.0



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

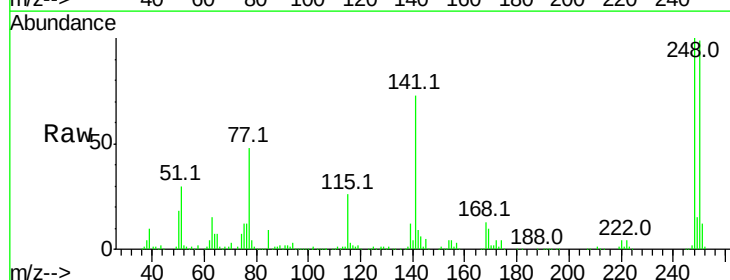
Tgt Ion:248 Resp: 381490

Ion Ratio Lower Upper

248 100

250 98.8 78.4 117.6

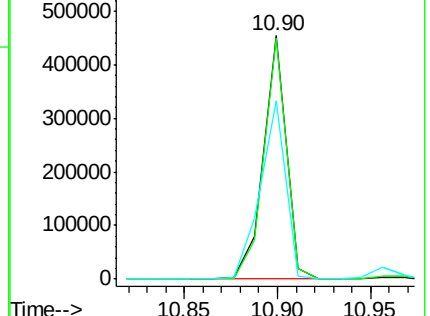
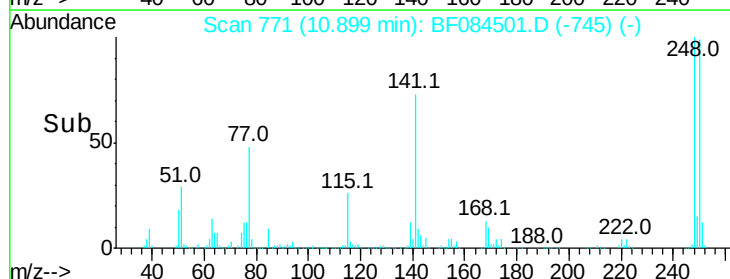
141 73.1 44.0 66.0#

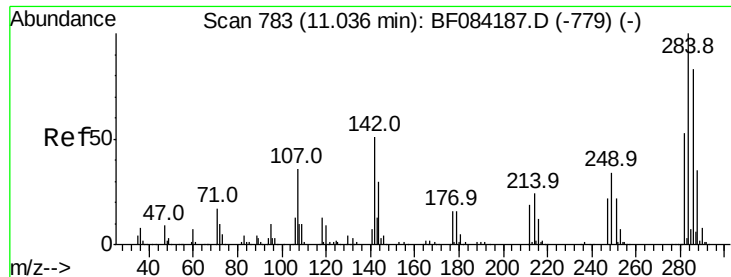


Abundance Ion 248.00 (247.70 to 248.70): E

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 :

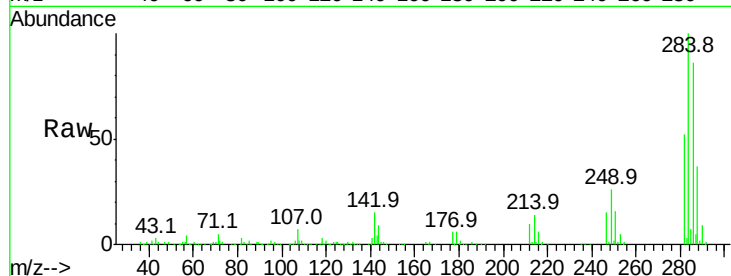
Tot Ion:284 Resp: 391153

Ion Ratio Lower Upper

284 100

142 14.9 22.2 33.4#

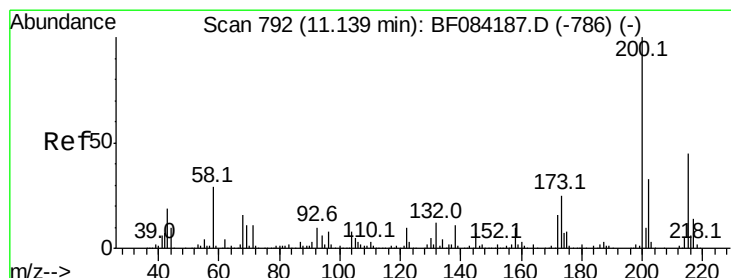
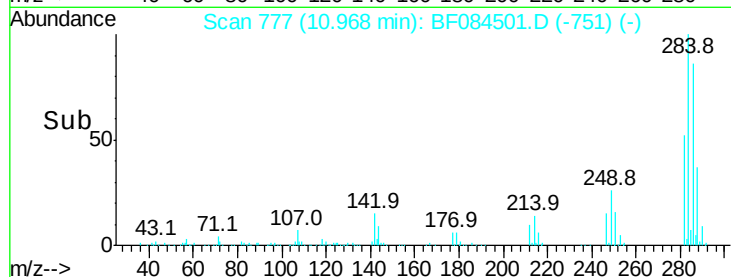
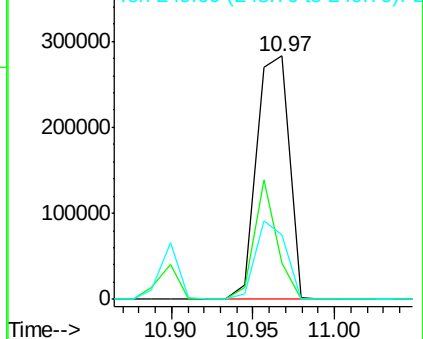
249 26.2 24.6 37.0



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

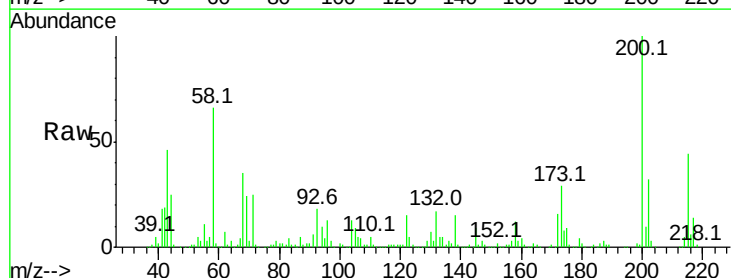
Tgt Ion:200 Resp: 341895

Ion Ratio Lower Upper

200 100

173 29.2 9.5 49.5

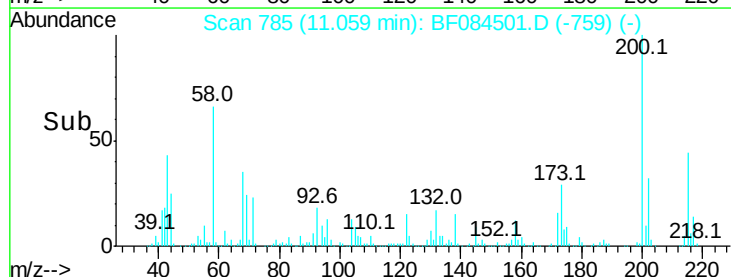
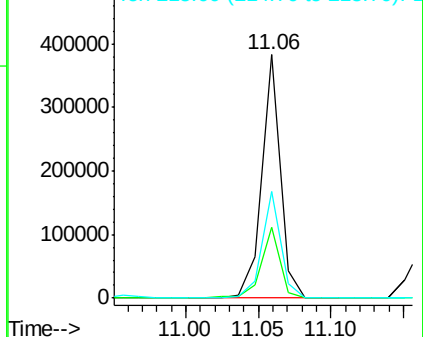
215 44.0 23.8 63.8

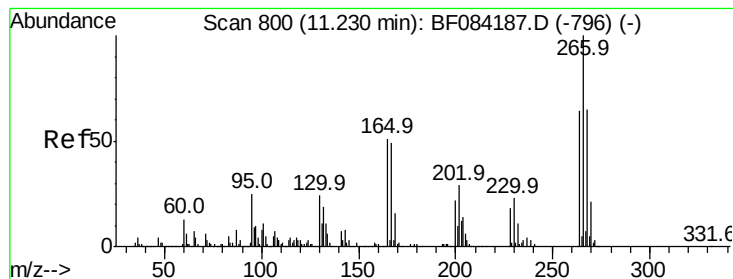


Abundance Ion 200.00 (199.70 to 200.70): E

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 :

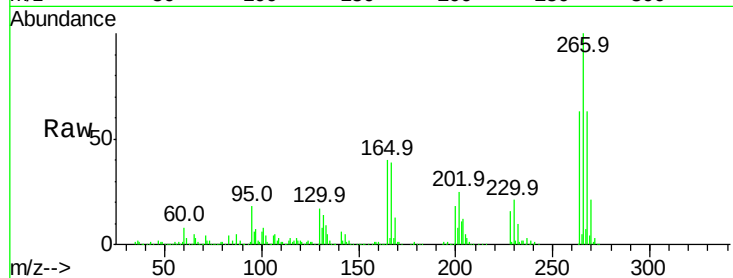
Tot Ion:266 Resp: 389019

Ion Ratio Lower Upper

266 100

268 63.1 52.4 78.6

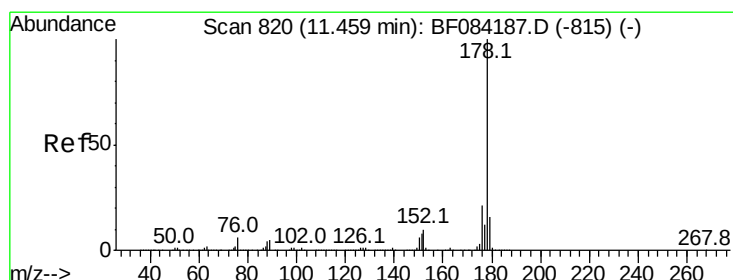
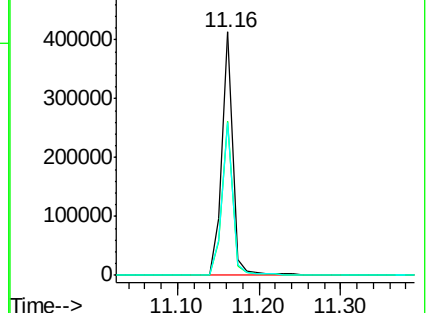
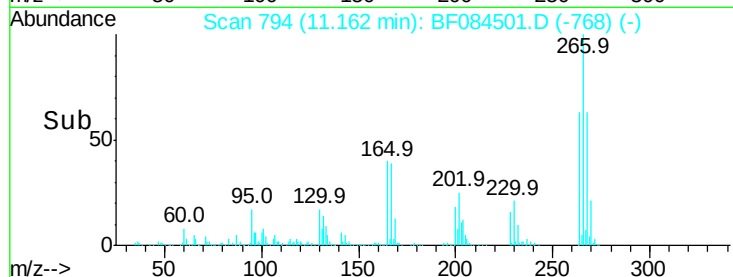
264 62.7 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#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

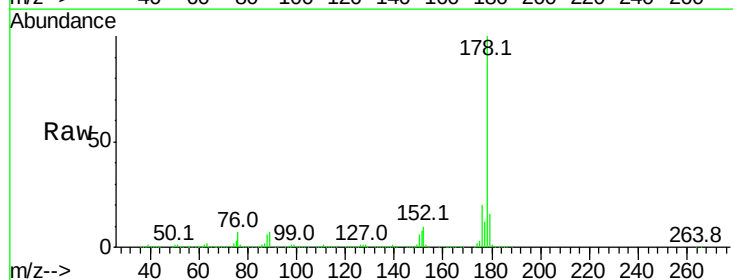
Tgt Ion:178 Resp: 1867033

Ion Ratio Lower Upper

178 100

176 20.4 15.3 22.9

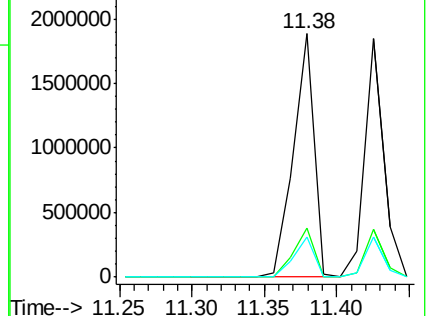
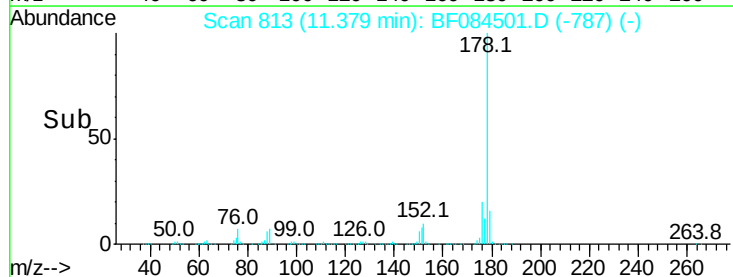
179 16.3 12.0 18.0

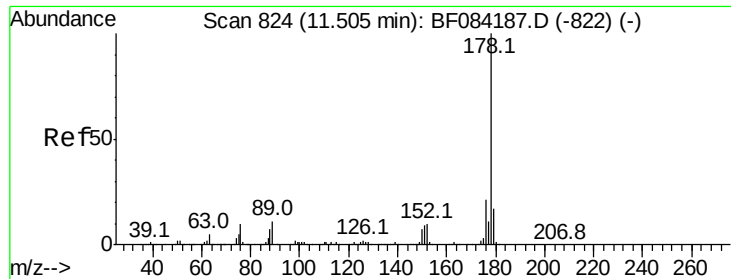


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



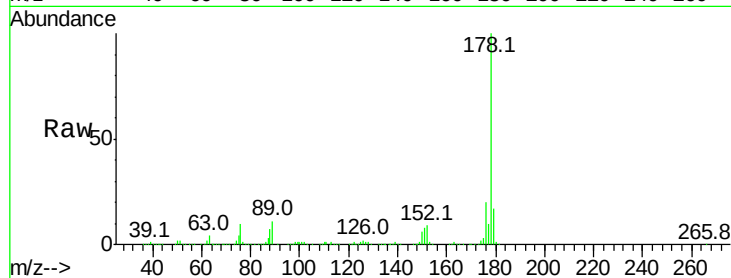


#71
 Anthracene
 Concen: 37.64 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

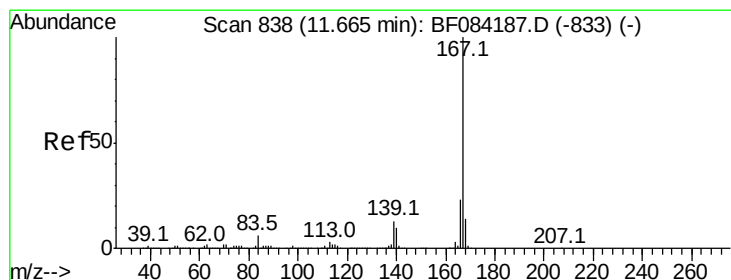
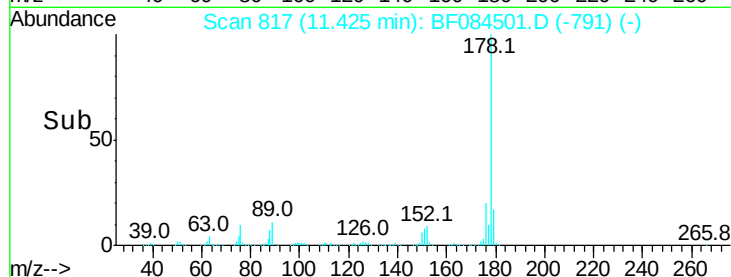
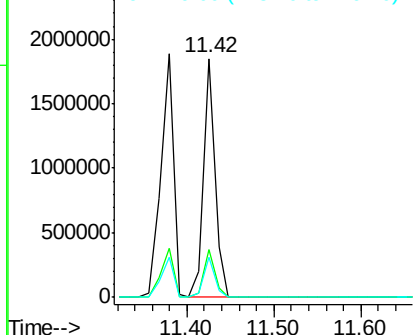
Instrument :
 BNA_F
 ClientSampled :

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



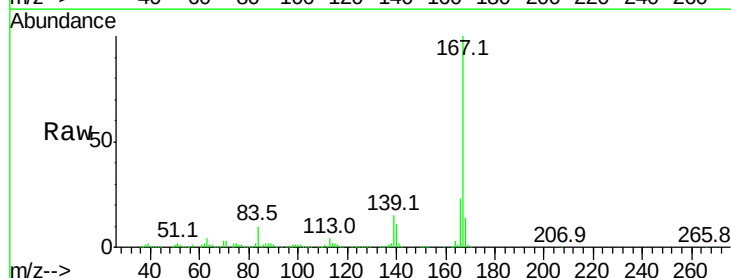
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



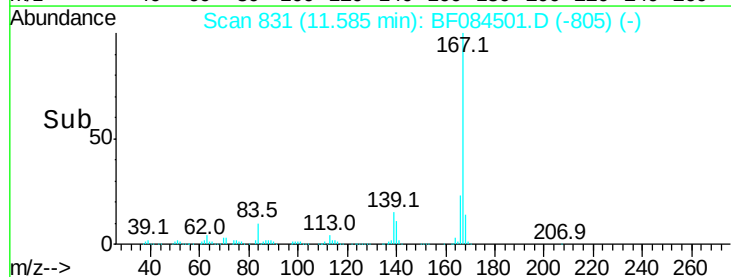
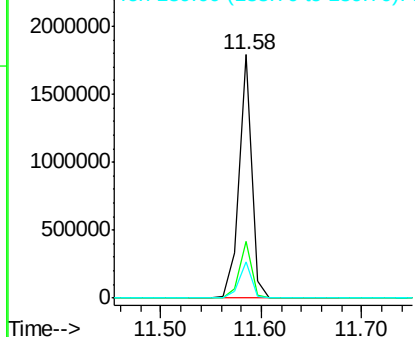
#72
 Carbazole
 Concen: 35.69 ng
 RT: 11.58 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

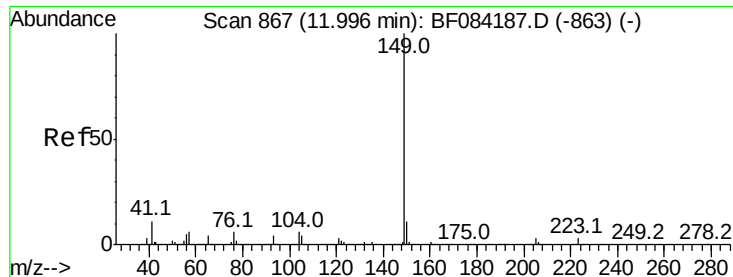
Tgt Ion:167 Resp: 1557582

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 :

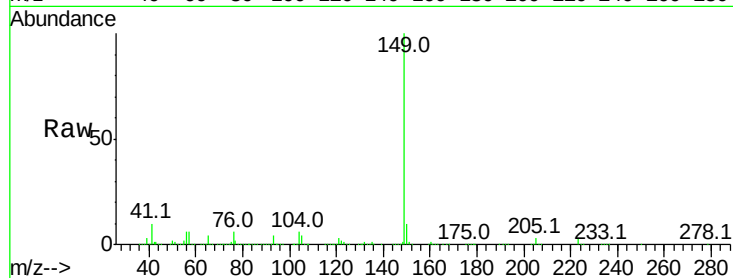
Tot Ion:149 Resp: 1888411

Ion Ratio Lower Upper

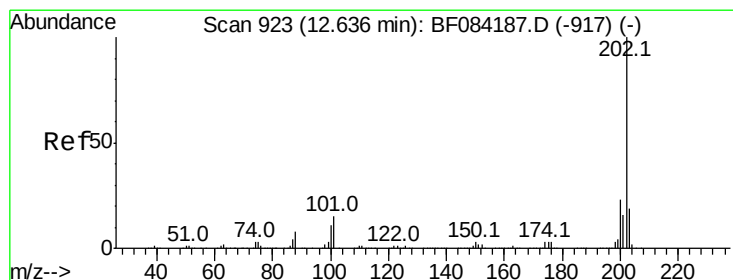
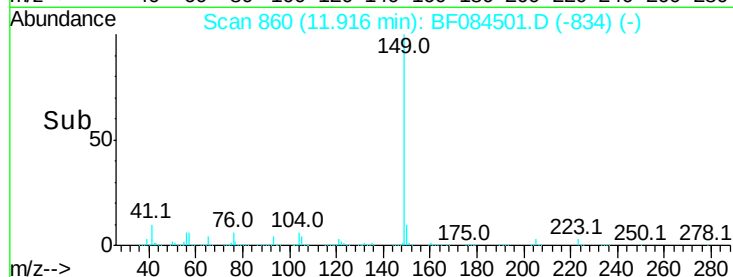
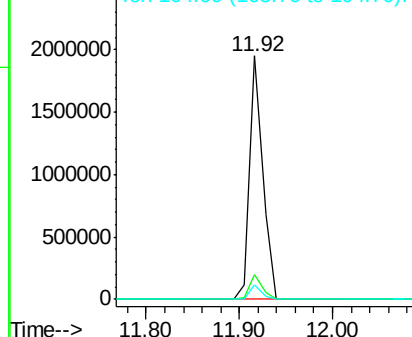
149 100

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

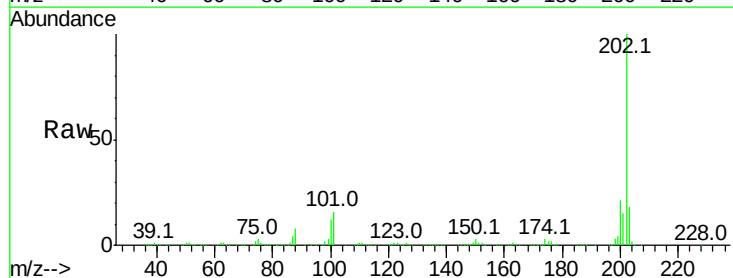
Tgt Ion:202 Resp: 1695722

Ion Ratio Lower Upper

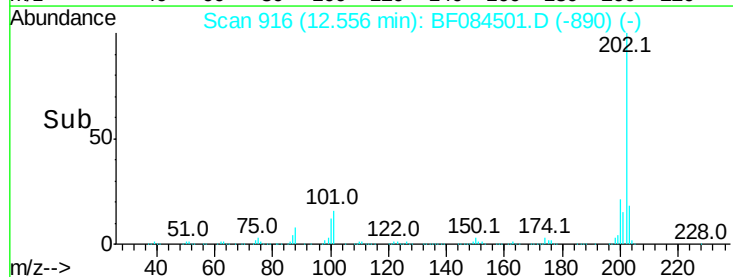
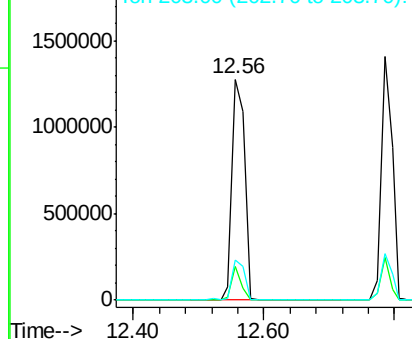
202 100

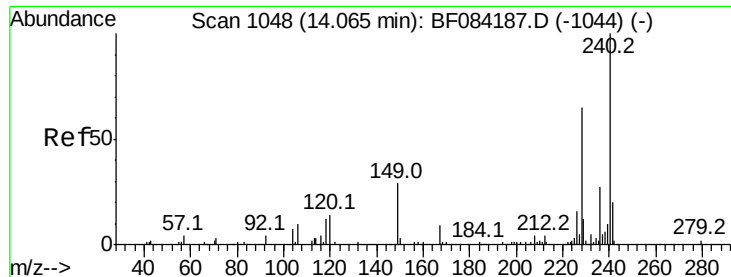
101 15.5 0.0 32.8

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 :

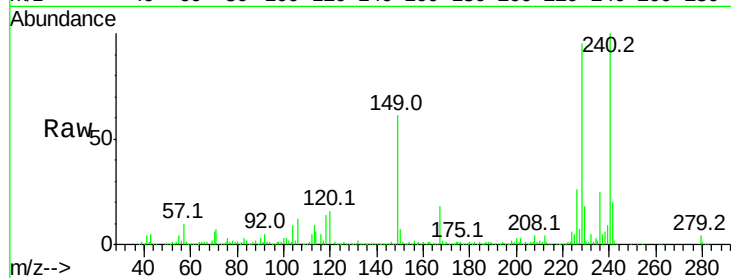
Tot Ion:240 Resp: 577490

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

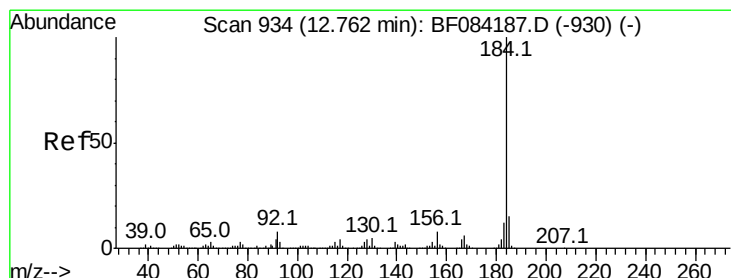
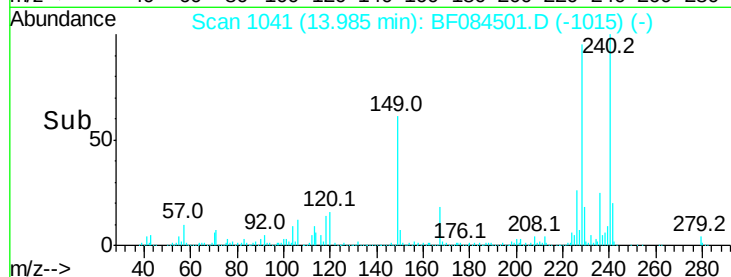
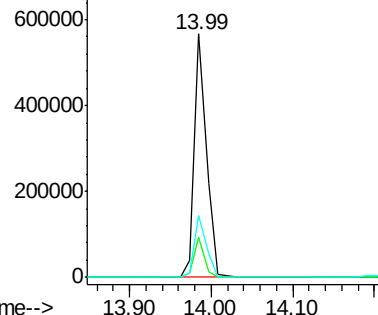
236 25.4 20.6 31.0



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

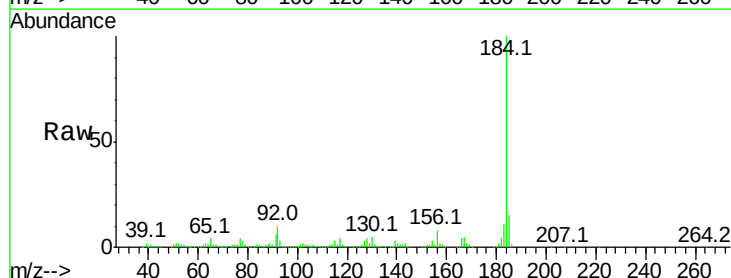
Tgt Ion:184 Resp: 630963

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

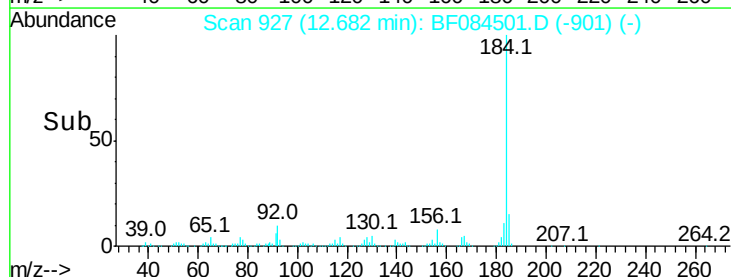
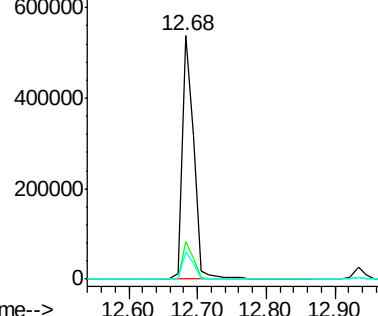
183 11.3 9.8 14.8

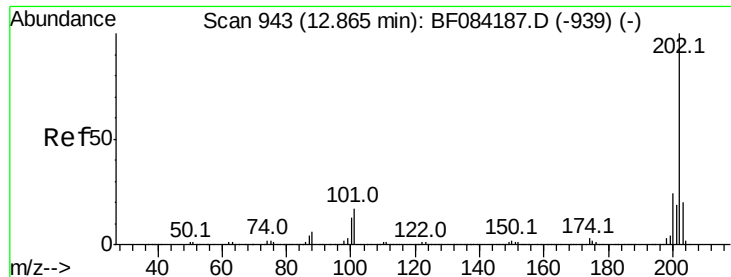


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

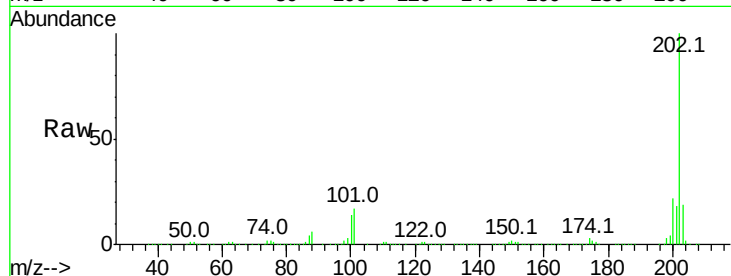




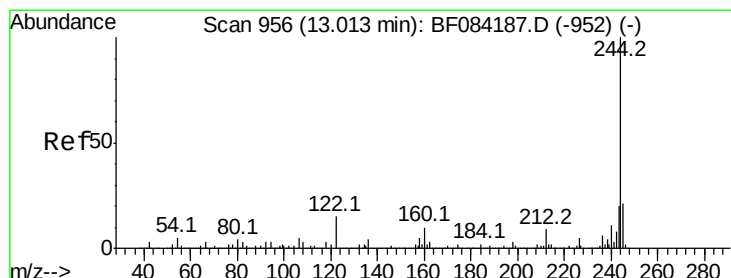
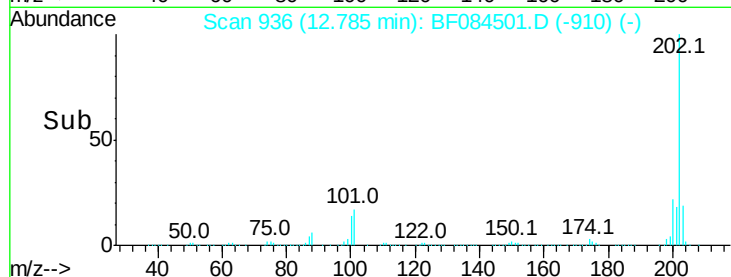
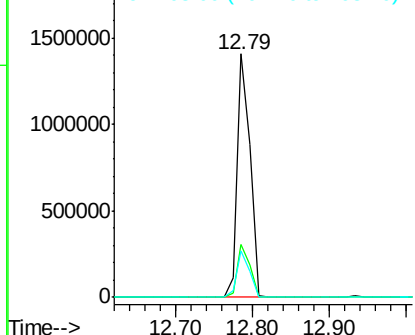
#77
Pvrene
Concen: 36.81 ng
RT: 12.79 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

Instrument :
BNA_F
ClientSampleId :

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

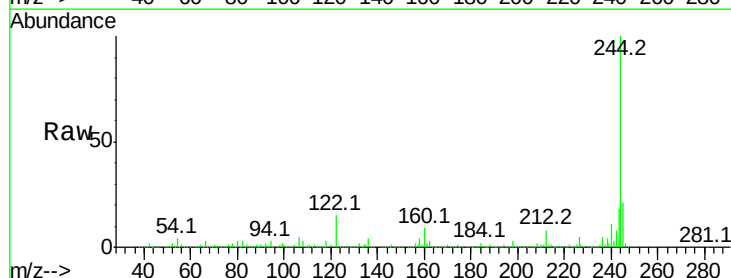


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

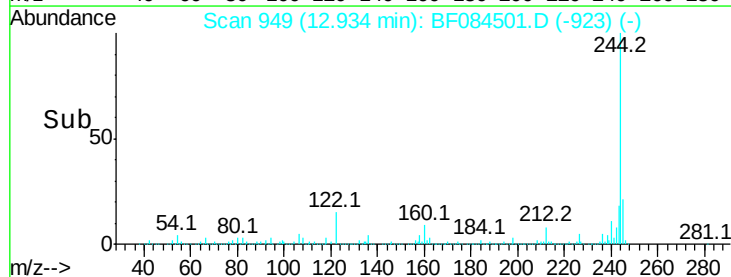
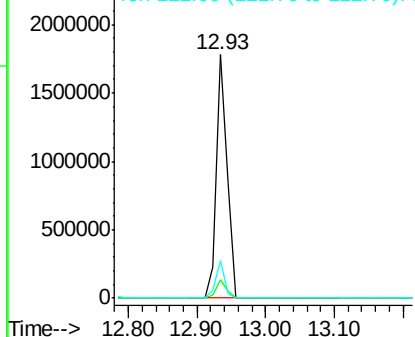


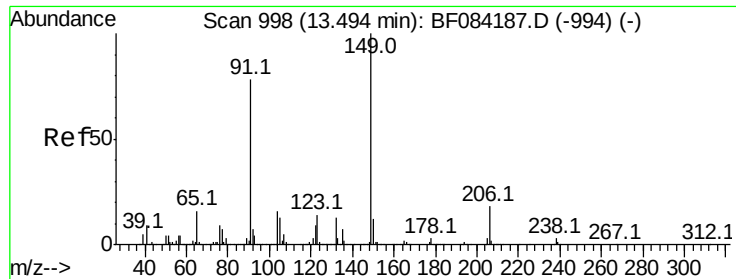
#78
Terphenyl-d14
Concen: 76.07 ng
RT: 12.93 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

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

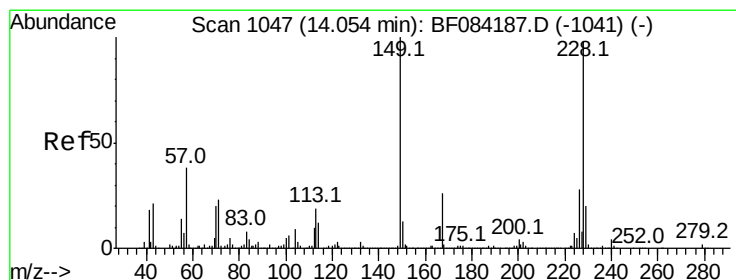
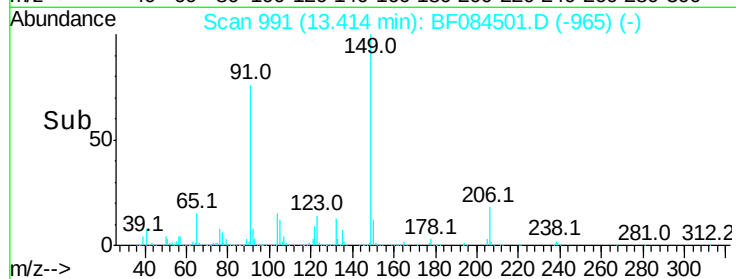
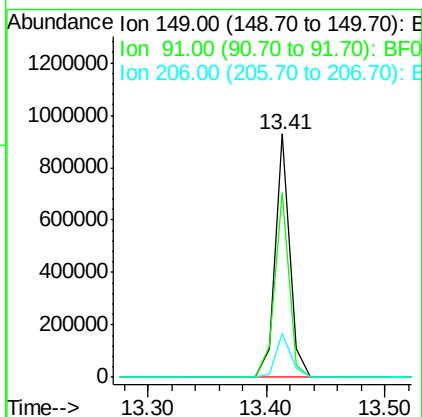
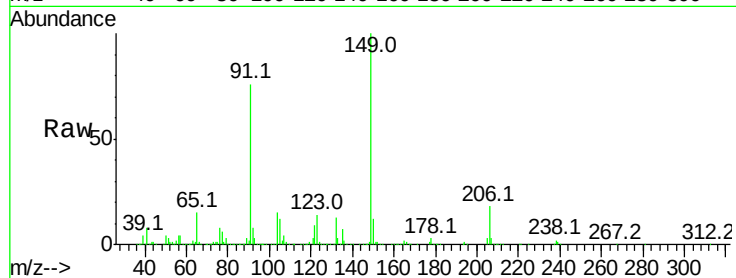




#79
Butylbenzylphthalate
Concen: 40.30 ng
RT: 13.41 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF084501.D
Acq: 15 Jan 2016 20:02

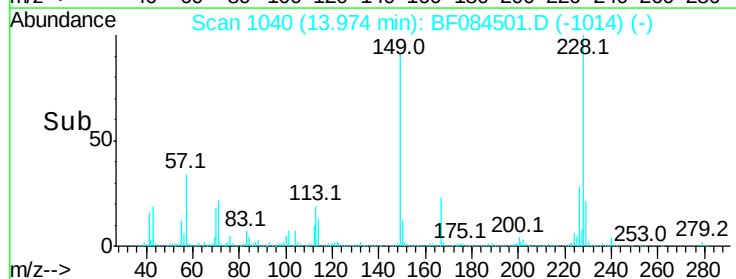
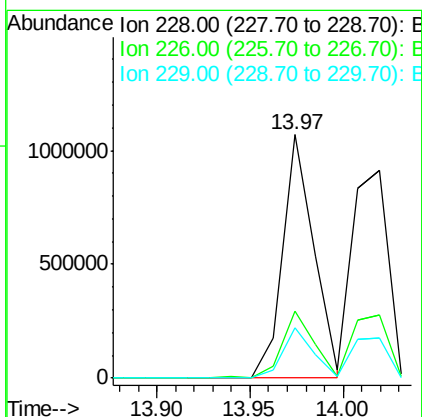
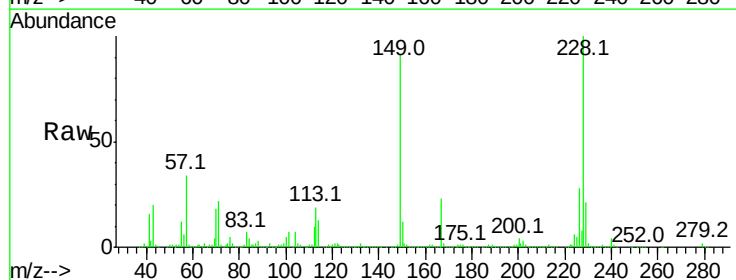
Instrument :
BNA_F
ClientSampleId :

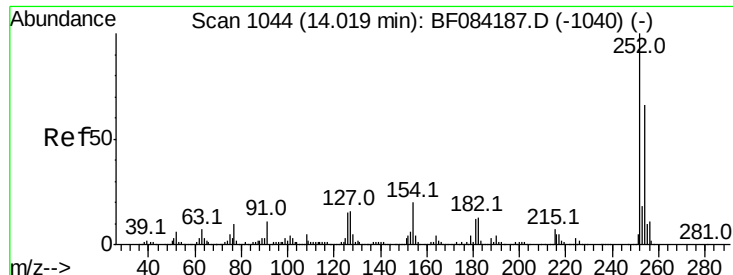
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.9	57.6	86.4
206	18.0	13.2	19.8



#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	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	20.6	15.8	23.8

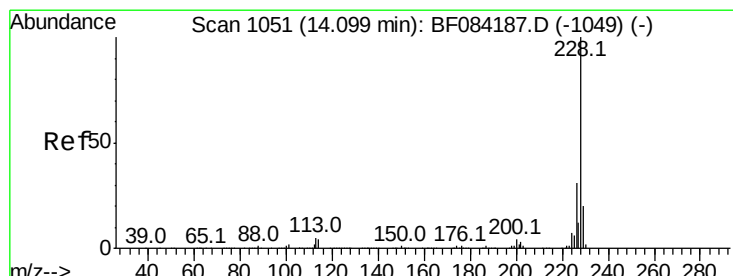
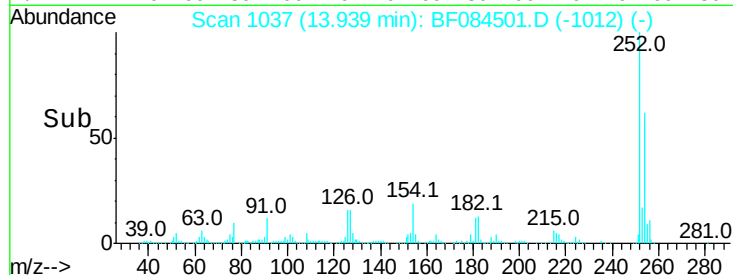
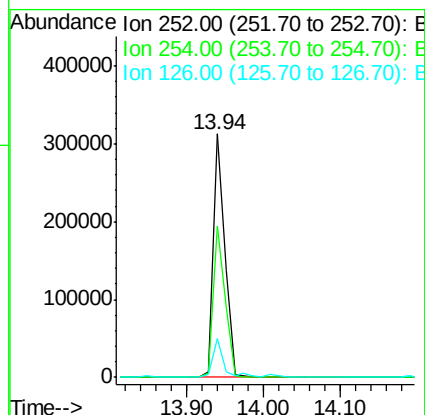
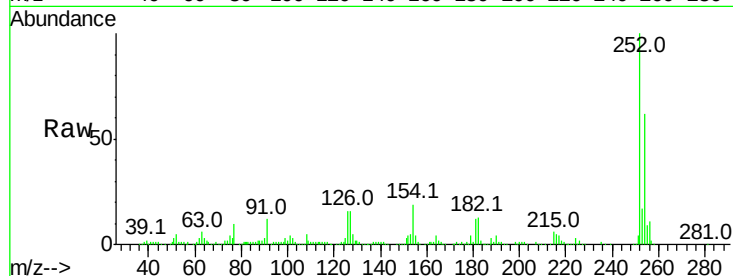




#81
 3,3'-Dichlorobenzidine
 Concen: 27.06 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

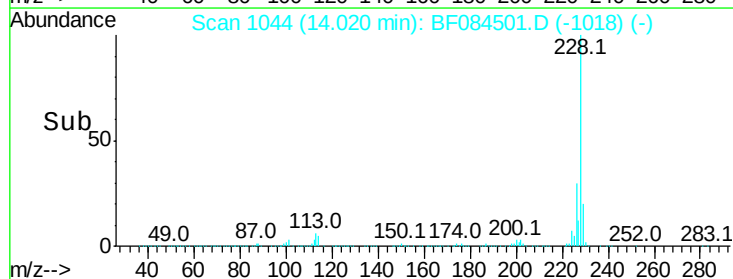
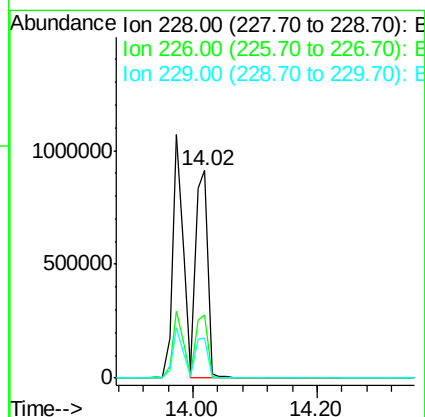
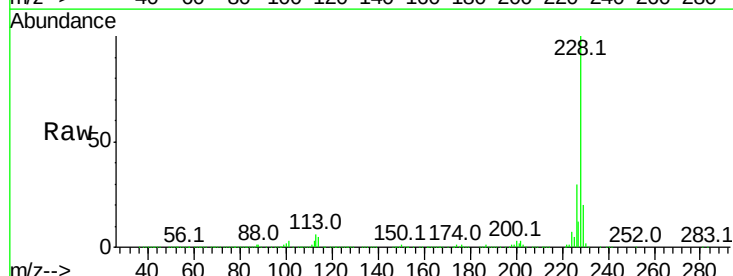
Instrument :
 BNA_F
 ClientSampleId :

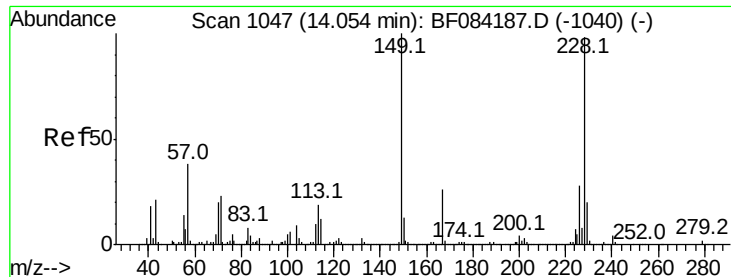
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.2	53.5	80.3
126	16.0	4.9	7.3#



#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	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.5	16.1	24.1

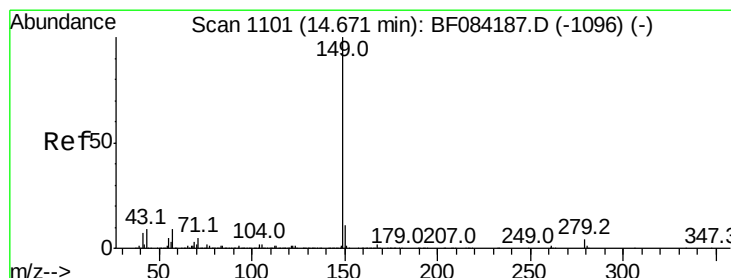
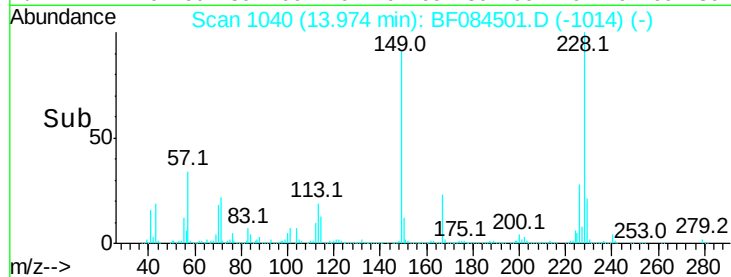
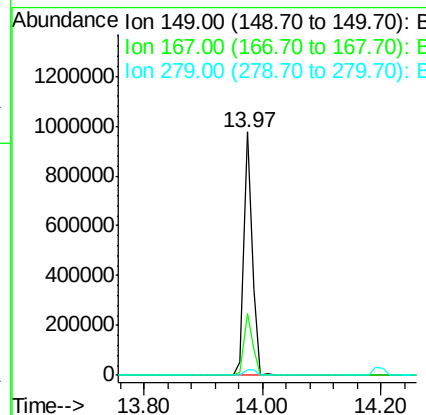
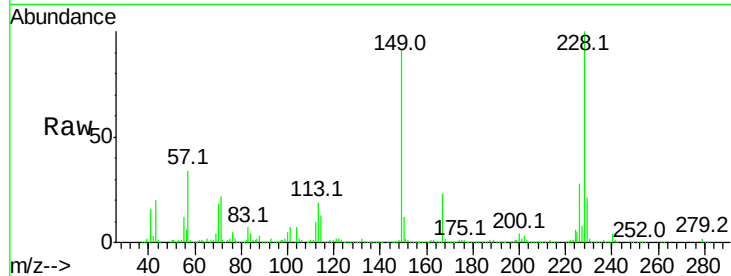




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.70 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

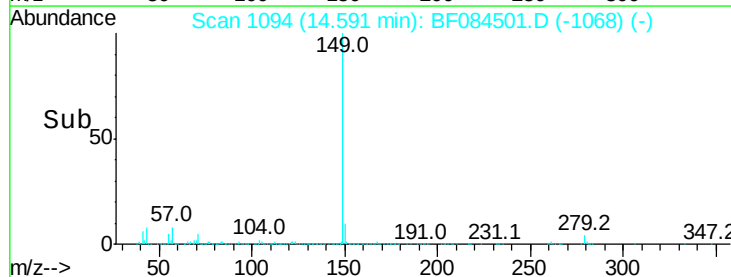
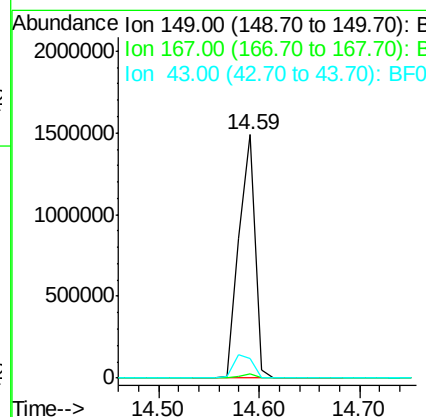
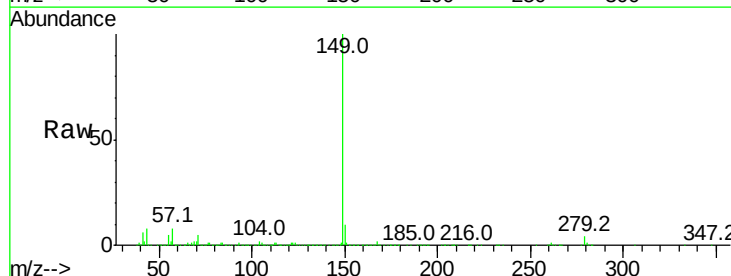
Instrument :
 BNA_F
 ClientSampleId :

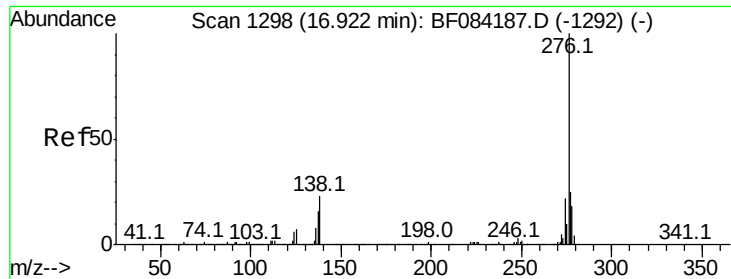
Tot Ion:149 Resp: 958774
 Ion Ratio Lower Upper
 149 100
 167 25.2 19.7 29.5
 279 2.1 1.8 2.6



#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#

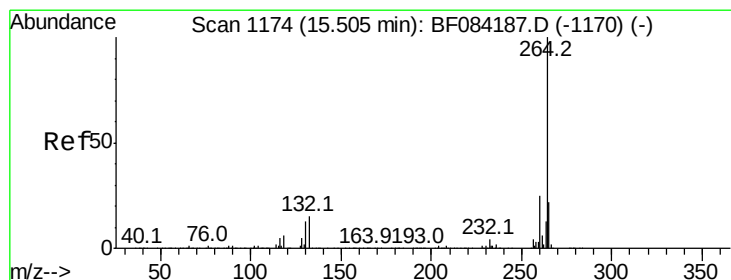
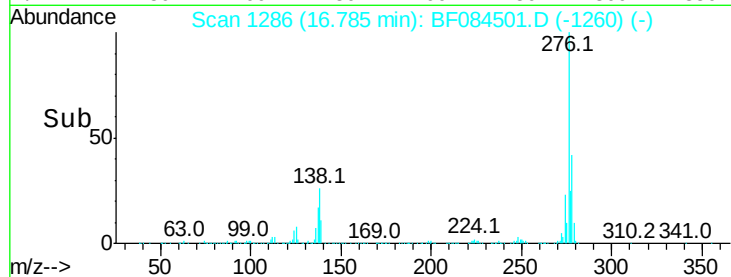
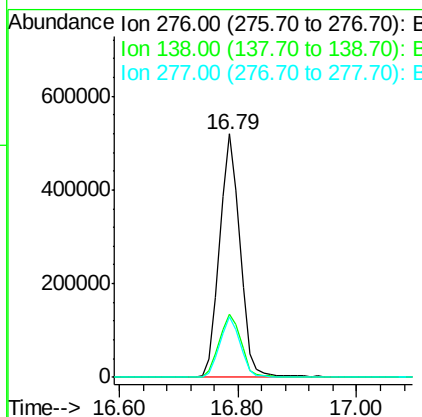
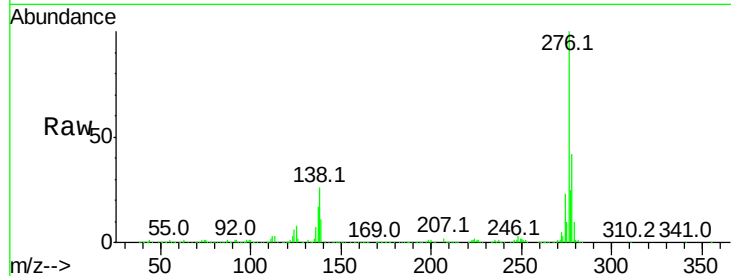




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.33 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

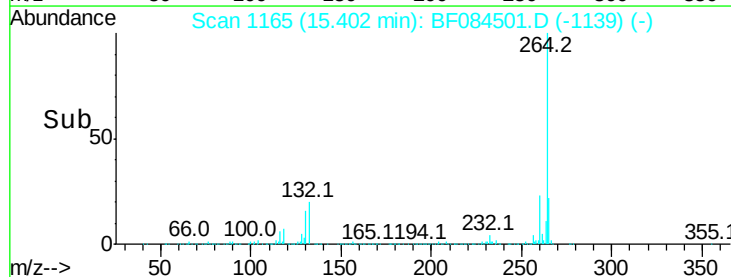
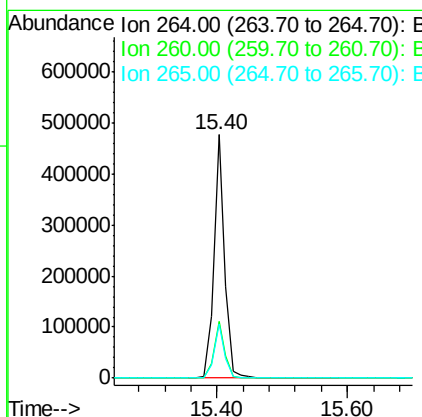
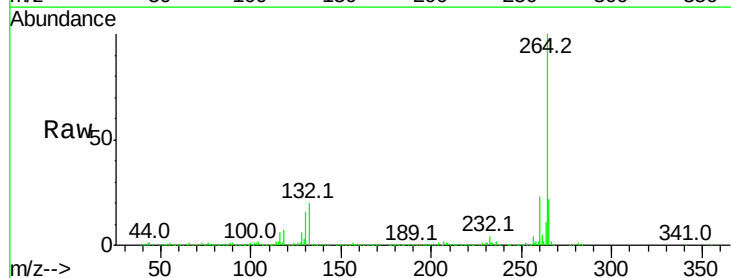
Instrument :
 BNA_F
 ClientSampleId :

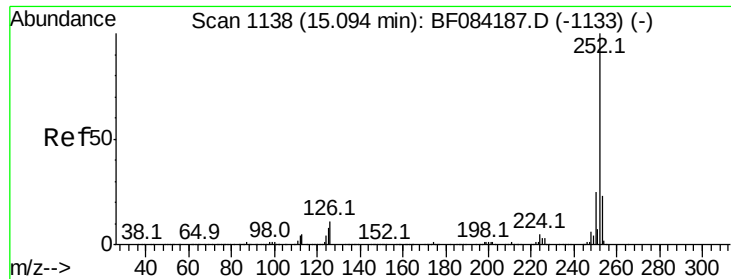
Tot Ion:276 Resp: 1248368
 Ion Ratio Lower Upper
 276 100
 138 27.8 20.6 30.8
 277 25.3 20.1 30.1



#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

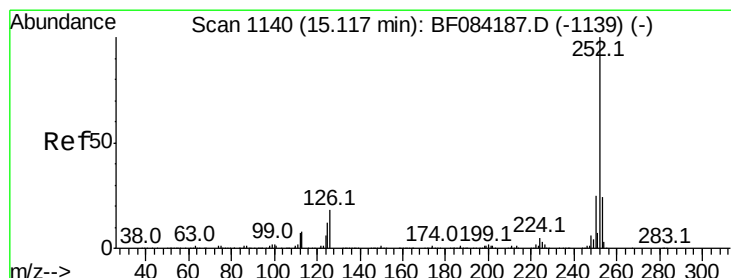
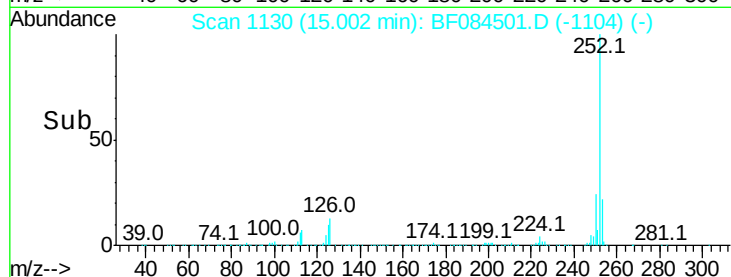
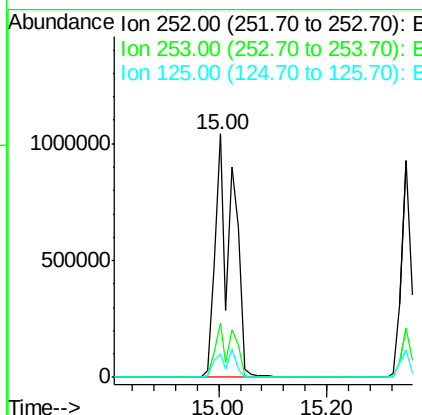
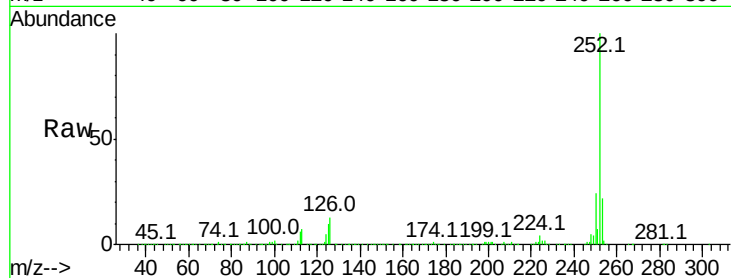




#87
 Benzo(b)fluoranthene
 Concen: 65.36 ng
 RT: 15.00 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

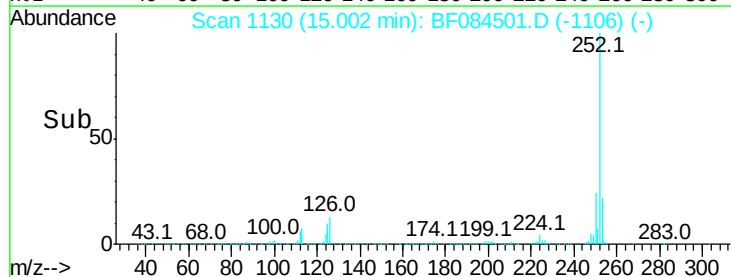
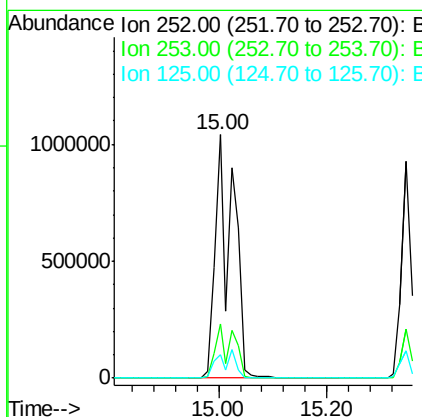
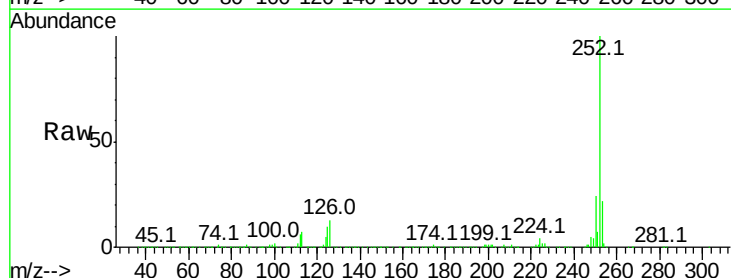
Instrument :
 BNA_F
 ClientSampleId :

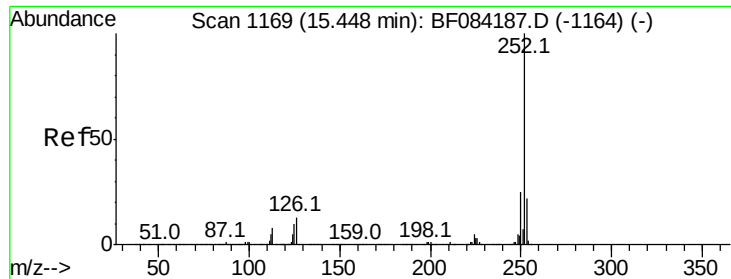
Tot Ion:252 Resp: 2378339
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.3 25.9
 125 9.8 6.5 9.7#



#88
 Benzo(k)fluoranthene
 Concen: 79.92 ng
 RT: 15.00 min Scan# 1130
 Delta R.T. -0.02 min
 Lab File: BF084501.D
 Acq: 15 Jan 2016 20:02

Tgt Ion:252 Resp: 2378339
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.1 27.1
 125 9.8 9.0 13.6





#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 :

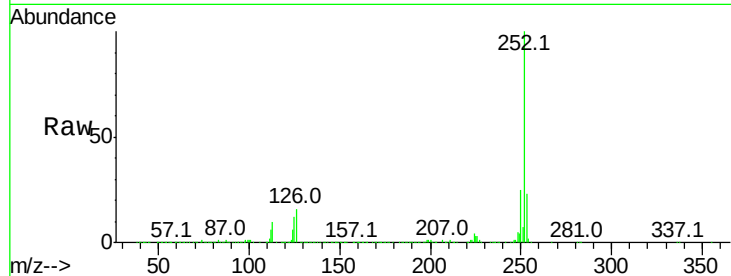
Tot Ion:252 Resp: 1154710

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

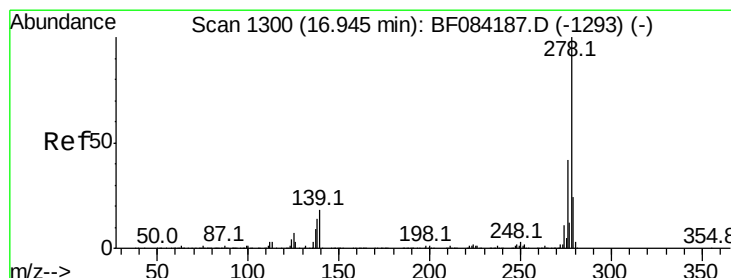
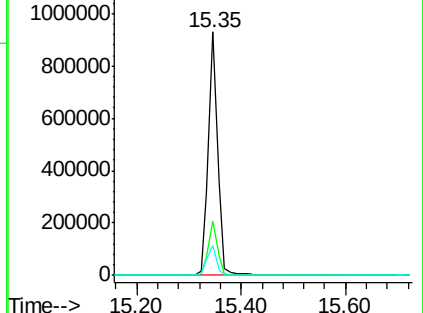
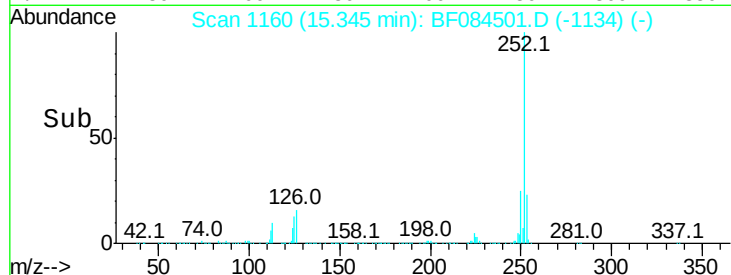
125 12.5 7.0 10.4#



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



#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

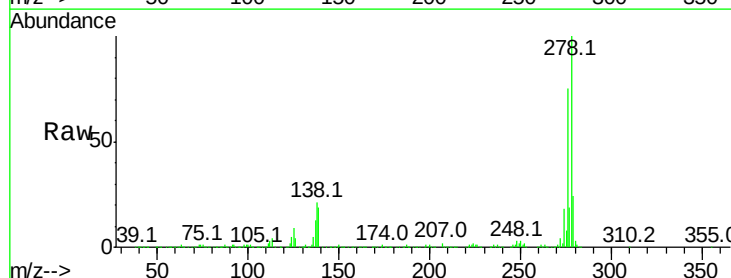
Tgt Ion:278 Resp: 1050498

Ion Ratio Lower Upper

278 100

139 19.3 15.0 22.4

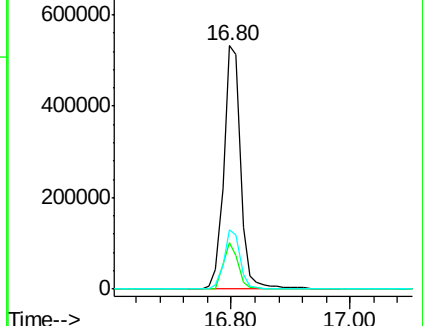
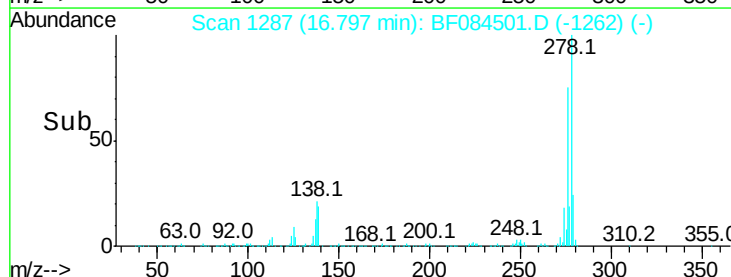
279 24.5 18.9 28.3

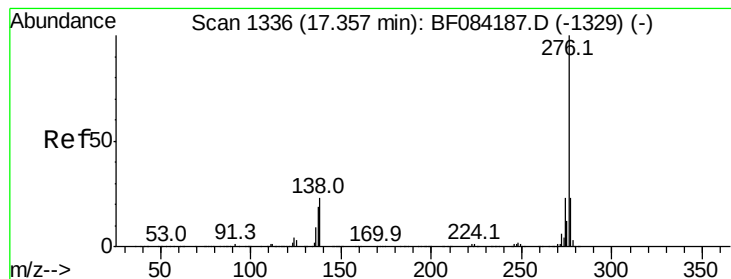


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#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 :

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#

