

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084505.D
 Acq On : 15 Jan 2016 21:54
 Operator : SJ/UM
 Sample : H1147-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:37:24 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	6.83	152	280706	20.00	ng	0.01
21) Naphthalene-d8	8.11	136	1081158	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	517478	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	875875	20.00	ng	0.01
75) Chrysene-d12	13.99	240	497854	20.00	ng	0.00
86) Perylene-d12	15.40	264	548296	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1331729	76.74	ng	0.01
7) Phenol-d6	6.49	99	1062337	48.74	ng	0.02
23) Nitrobenzene-d5	7.40	82	1681571	86.56	ng	0.01
41) 2,4,6-Tribromophenol	10.67	330	754411	144.40	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	2929723	100.77	ng	0.00
78) Terphenyl-d14	12.93	244	2427406	108.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	153666	18.69	ng	# 79
3) Pyridine	3.18	79	366396	15.98	ng	# 74
4) n-Nitrosodimethylamine	3.10	42	211119	17.94	ng	89
6) Aniline	6.50	93	526225	16.50	ng	# 70
8) 2-Chlorophenol	6.62	128	779175	39.57	ng	92
9) Benzaldehyde	6.36	77	1407626	99.18	ng	# 1
10) Phenol	6.50	94	386548	15.60	ng	# 64
11) bis(2-Chloroethyl)ether	6.59	93	1031617	53.74	ng	88
12) 1,3-Dichlorobenzene	6.85	146	940464	46.30	ng	99
13) 1,4-Dichlorobenzene	6.77	146	878419	43.13	ng	97
14) 1,2-Dichlorobenzene	7.00	146	800348	41.03	ng	97
15) Benzyl Alcohol	6.98	79	508139	27.71	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1179321	33.73	ng	# 47
17) 2-Methylphenol	7.10	107	489682	29.67	ng	# 49
18) Hexachloroethane	7.37	117	1771458	217.49	ng	# 1
19) n-Nitroso-di-n-propylamine	7.25	70	662546	44.90	ng	# 74
20) 3+4-Methylphenols	7.25	107	592389	30.54	ng	# 80
22) Acetophenone	7.23	105	3687221	141.83	ng	# 59
24) Nitrobenzene	7.42	77	1170858	59.43	ng	93
25) Isophorone	7.65	82	1800391	48.46	ng	98
26) 2-Nitrophenol	7.73	139	519333	57.92	ng	# 87
27) 2,4-Dimethylphenol	7.78	122	743143	40.94	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	1177474	51.89	ng	96
29) 2,4-Dichlorophenol	7.98	162	721200	47.70	ng	93
30) 1,2,4-Trichlorobenzene	8.05	180	748105	47.93	ng	96
31) Naphthalene	8.13	128	3240677	66.07	ng	97
32) Benzoic acid	7.93	122	193747	20.68	ng	# 41
33) 4-Chloroaniline	8.19	127	379571	16.88	ng	94
34) Hexachlorobutadiene	8.25	225	426278	47.51	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	776119	45.83	ng	99
37) 2-Methylnaphthalene	8.83	142	1880564	53.41	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	662996	44.57	ng	98
40) Hexachlorocyclopentadiene	8.98	237	522699	58.20	ng	97
42) 2,4,6-Trichlorophenol	9.12	196	540394	48.55	ng	94

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 ALS Vial : 21 Sample Multiplier: 1

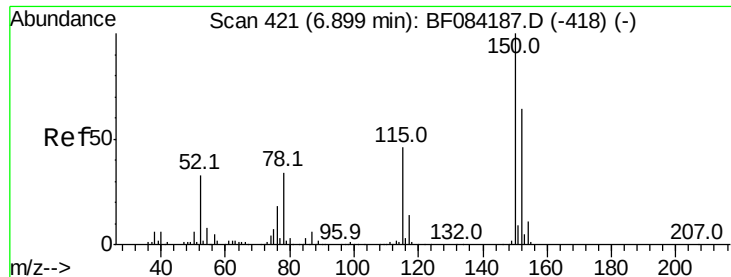
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:37:24 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)

43) 2,4,5-Trichlorophenol	9.16	196	484816	45.44	nq	# 92
45) 1,1'-Biphenyl	9.30	154	2061694	50.13	nq	97
46) 2-Chloronaphthalene	9.32	162	1613939	49.96	nq	89
47) 2-Nitroaniline	9.42	65	605148	56.76	nq	# 62
48) Acenaphthylene	9.73	152	2226561	46.65	nq	96
49) Dimethylphthalate	9.61	163	1932049	52.23	nq	# 89
50) 2,6-Dinitrotoluene	9.66	165	444051	54.73	nq	# 74
51) Acenaphthene	9.90	154	1485302	46.39	nq	98
52) 3-Nitroaniline	9.82	138	236375	23.51	nq	97
53) 2,4-Dinitrophenol	9.94	184	392632	112.10	nq	91
54) Dibenzofuran	10.08	168	1907778	46.08	nq	90
55) 4-Nitrophenol	10.01	139	243948	33.43	nq	# 76
56) 2,4-Dinitrotoluene	10.06	165	504732	49.15	nq	# 89
57) Fluorene	10.42	166	1538922	48.16	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	454428	49.88	nq	87
59) Diethylphthalate	10.30	149	1871565	51.31	nq	95
60) 4-Chlorophenyl-phenylether	10.41	204	693166	52.57	nq	90
61) 4-Nitroaniline	10.44	138	381022	42.51	nq	88
62) Azobenzene	10.57	77	1832693	45.81	nq	88
64) 4,6-Dinitro-2-methylphenol	10.48	198	276715	52.72	nq	85
65) n-Nitrosodiphenylamine	10.53	169	1377856	49.20	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	464618	49.28	nq	# 79
67) Hexachlorobenzene	10.97	284	552924	52.11	nq	96
68) Atrazine	11.07	200	437451	47.73	nq	99
69) Pentachlorophenol	11.16	266	484062	87.98	nq	97
70) Phenanthrene	11.38	178	2241674	48.93	nq	95
71) Anthracene	11.43	178	2331697	51.92	nq	98
72) Carbazole	11.59	167	1908043	43.46	nq	99
73) Di-n-butylphthalate	11.92	149	2473049	56.42	nq	# 95
74) Fluoranthene	12.57	202	2188605	45.73	nq	94
77) Pyrene	12.80	202	2156225	55.19	nq	100
79) Butylbenzylphthalate	13.41	149	909362	53.79	nq	91
80) Benzo(a)anthracene	13.97	228	1497348	51.22	nq	97
81) 3,3'-Dichlorobenzidine	13.94	252	354998	34.80	nq	# 94
82) Chrysene	14.02	228	1580624	56.27	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1091353	51.10	nq	98
84) Di-n-octyl phthalate	14.59	149	2009472	55.73	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.80	276	1748194	78.51	nq	98
87) Benzo(b)fluoranthene	15.04	252	3222670	89.85	nq	98
88) Benzo(k)fluoranthene	15.04	252	3223795	109.90	nq	# 97
89) Benzo(a)pyrene	15.35	252	1612897	53.02	nq	# 93
90) Dibenzo(a,h)anthracene	16.81	278	1434174	54.79	nq	98
91) Benzo(g,h,i)perylene	17.21	276	1447577	53.40	nq	96

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

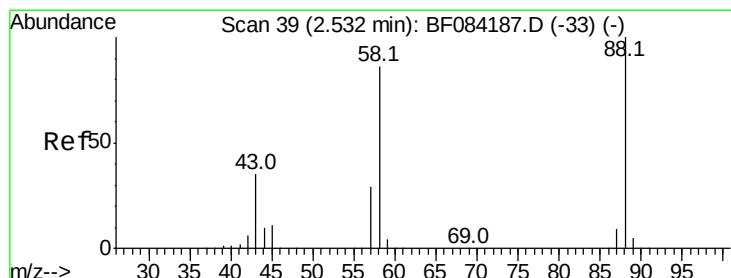
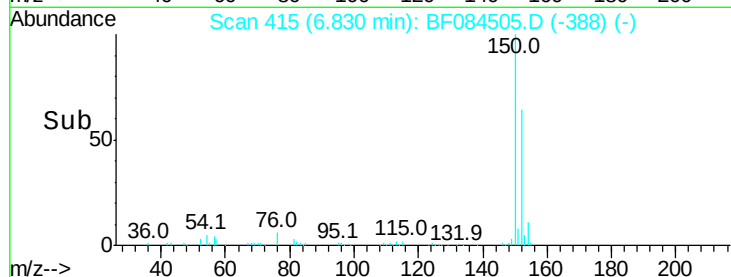
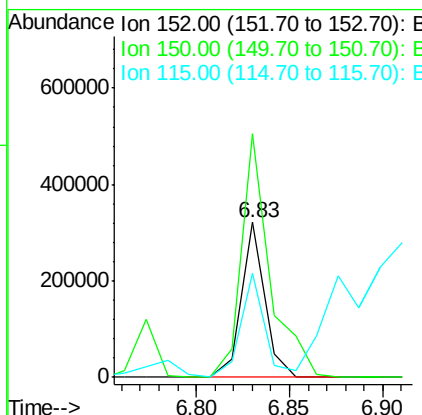
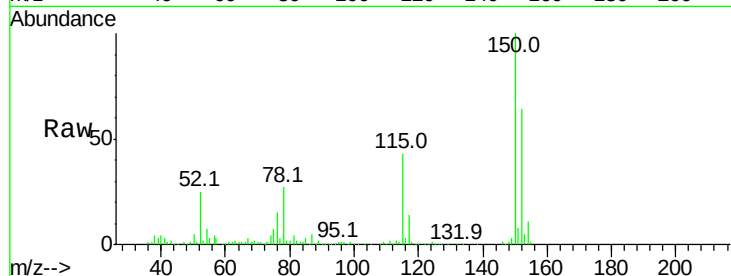


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. 0.01 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Instrument :
BNA_F
ClientSampleId :

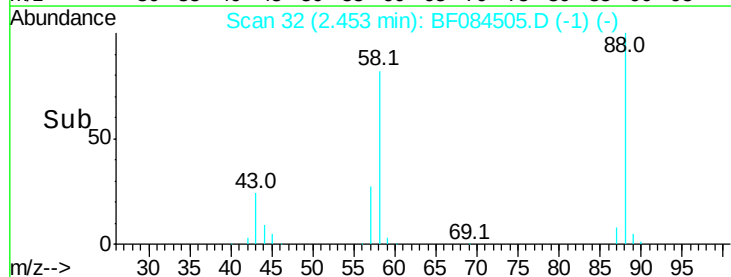
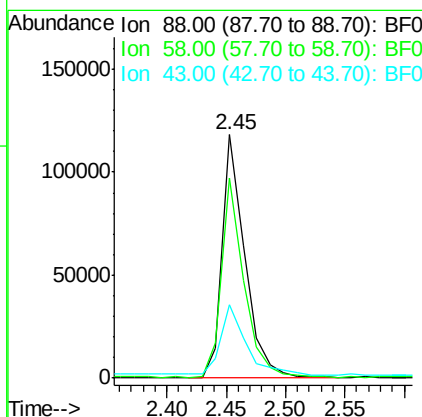
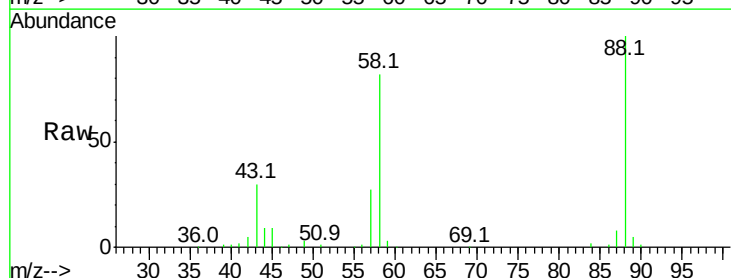
Tot Ion:152 Resp: 280706
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.4
115 66.8 51.4 77.2

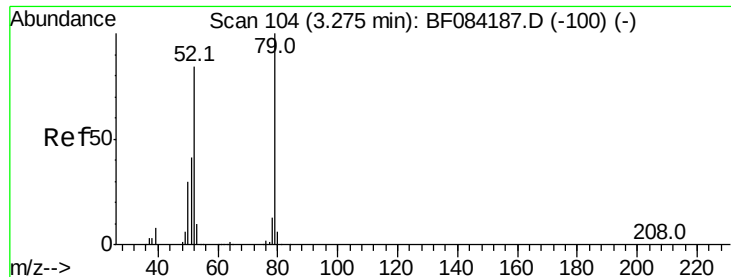


#2

1,4-Dioxane
Concen: 18.69 ng
RT: 2.45 min Scan# 32
Delta R.T. 0.07 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Tgt Ion: 88 Resp: 153666
Ion Ratio Lower Upper
88 100
58 81.7 51.2 76.8#
43 33.6 19.5 29.3#





#3

Pvridine

Concen: 15.98 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

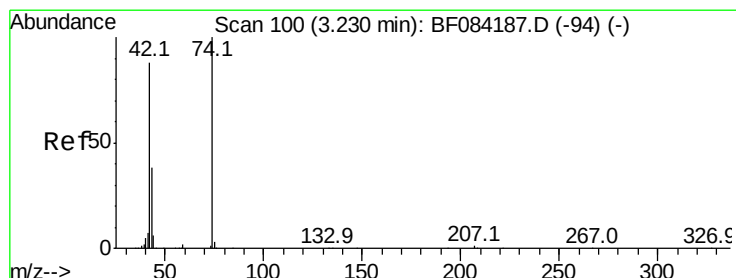
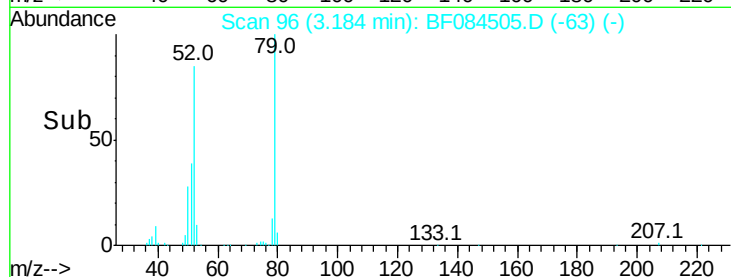
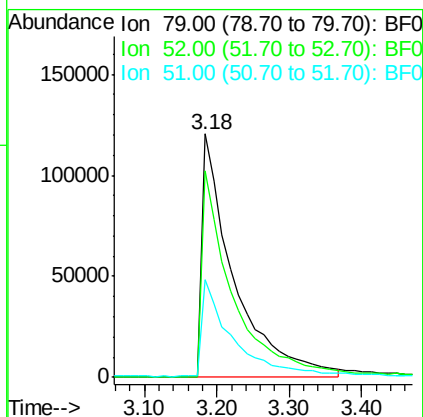
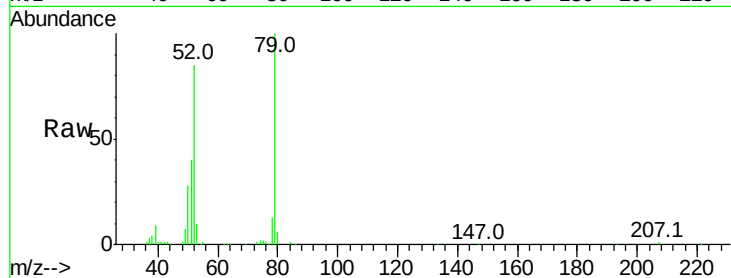
Tot Ion: 79 Resp: 366396

Ion Ratio Lower Upper

79 100

52 84.9 49.0 73.4#

51 40.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 17.94 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.05 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

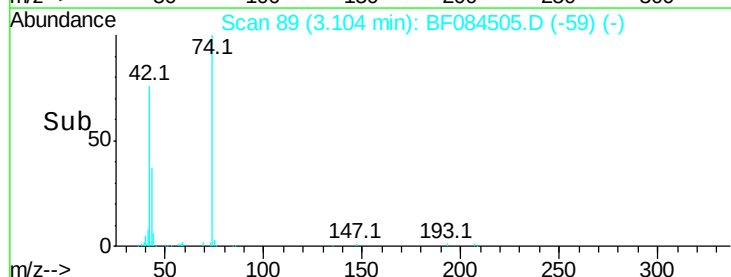
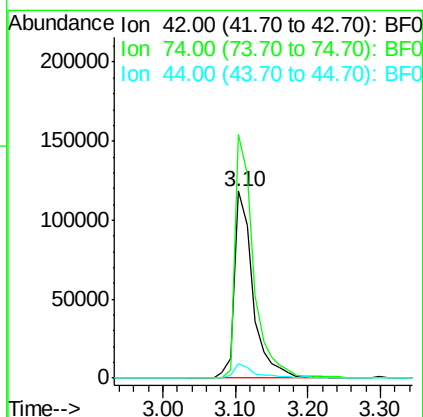
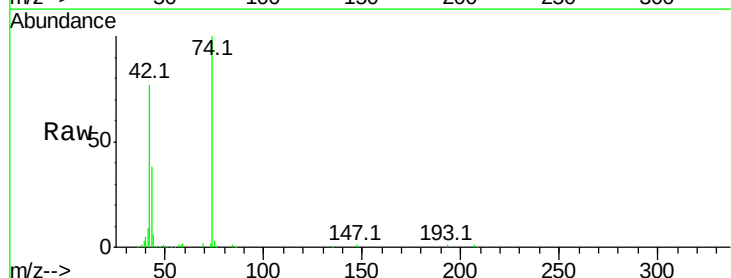
Tgt Ion: 42 Resp: 211119

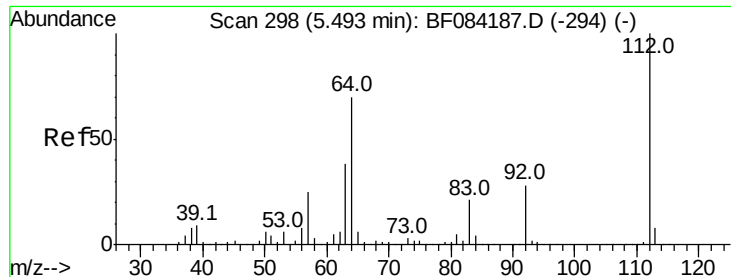
Ion Ratio Lower Upper

42 100

74 130.1 115.7 173.5

44 7.6 5.1 7.7





#5

2-Fluorophenol

Concen: 76.74 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :
BNA_F
ClientSampleId :

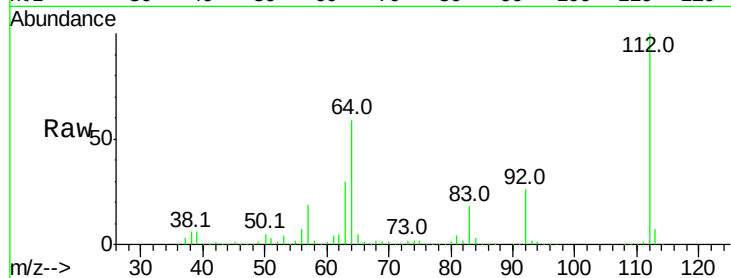
Tot Ion:112 Resp: 1331729

Ion Ratio Lower Upper

112 100

64 58.7 36.6 55.0#

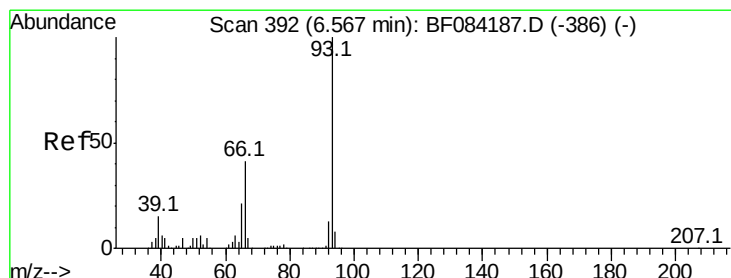
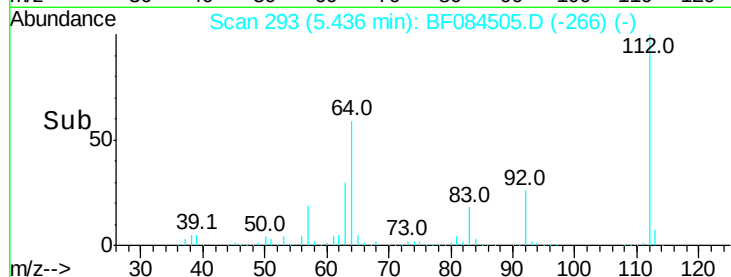
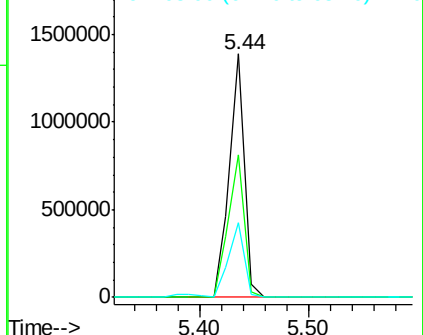
63 30.4 19.4 29.0#



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: 16.50 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

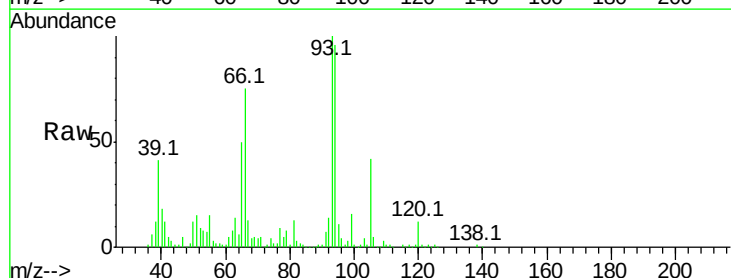
Tgt Ion: 93 Resp: 526225

Ion Ratio Lower Upper

93 100

66 75.4 44.9 67.3#

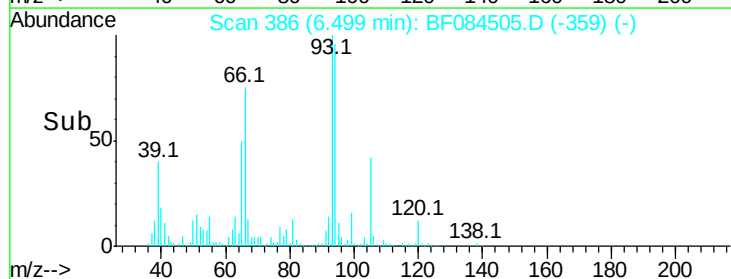
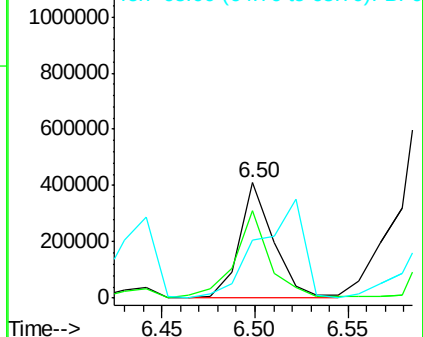
65 50.1 23.7 35.5#

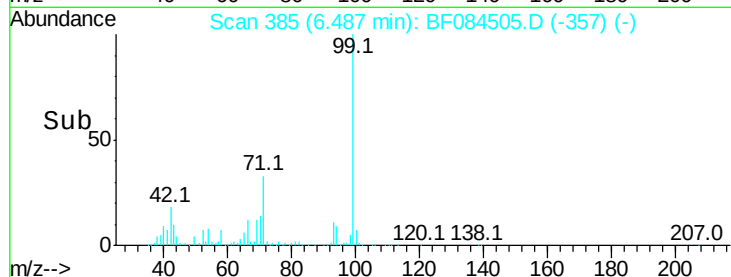
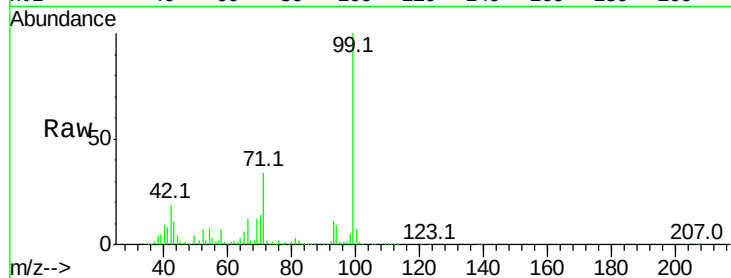
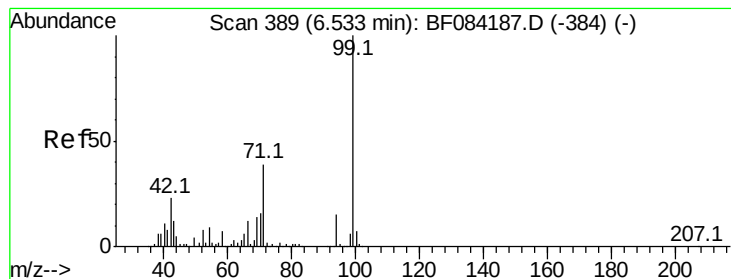


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 48.74 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.02 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

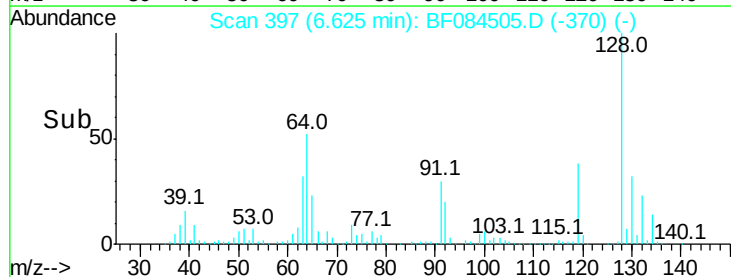
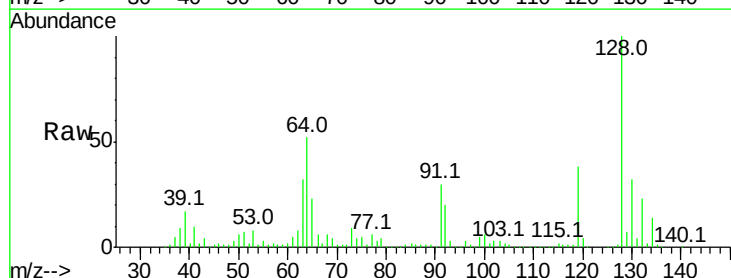
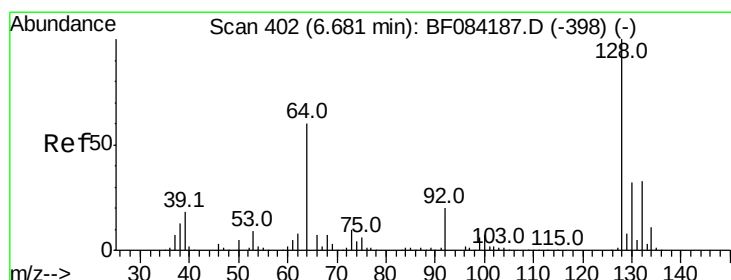
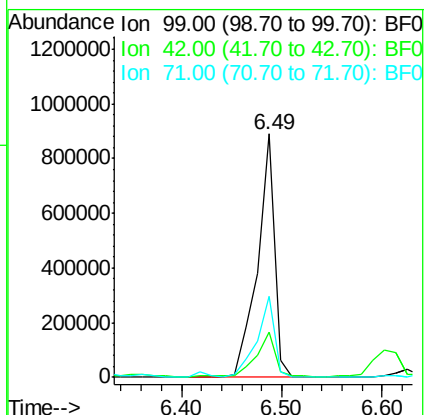
Tot Ion: 99 Resp: 1062337

Ion Ratio Lower Upper

99 100

42 18.6 12.8 19.2

71 33.5 30.9 46.3



#8

2-Chlorophenol

Concen: 39.57 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

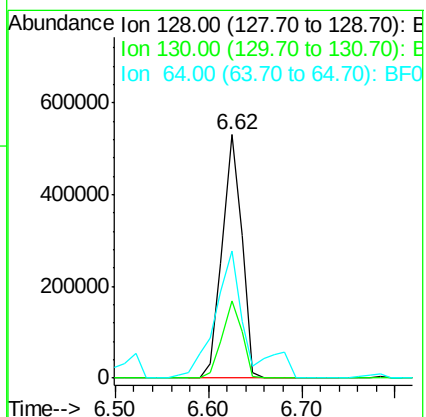
Tgt Ion: 128 Resp: 779175

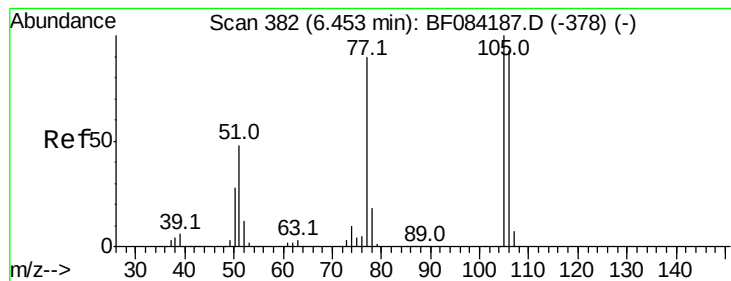
Ion Ratio Lower Upper

128 100

130 31.9 11.6 51.6

64 52.4 23.8 63.8





#9

Benzaldehyde

Concen: 99.18 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampled :

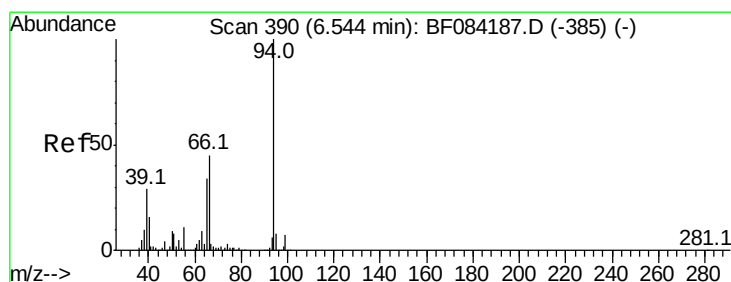
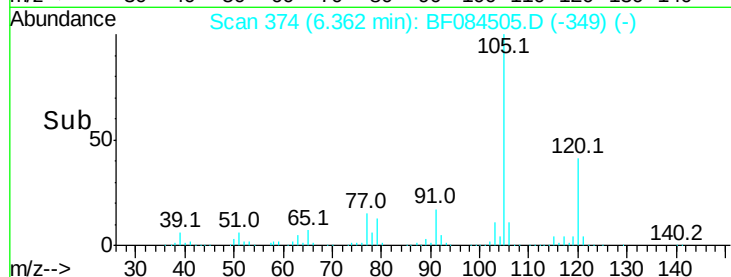
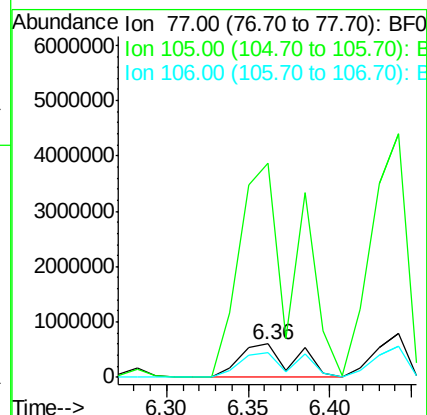
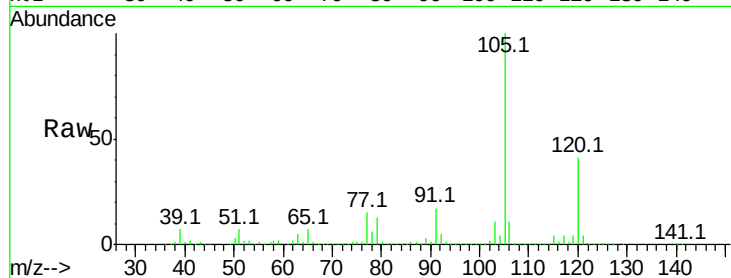
Tot Ion: 77 Resp: 1407626

Ion Ratio Lower Upper

77 100

105 646.1 83.0 123.0#

106 72.8 74.6 114.6#



#10

Phenol

Concen: 15.60 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

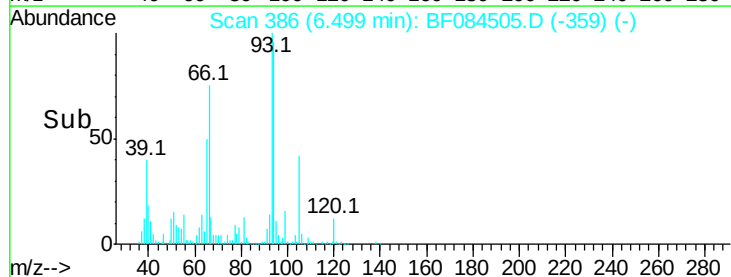
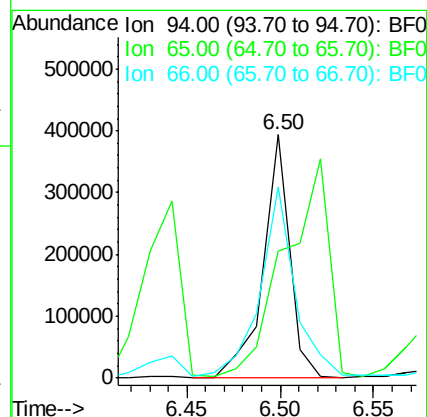
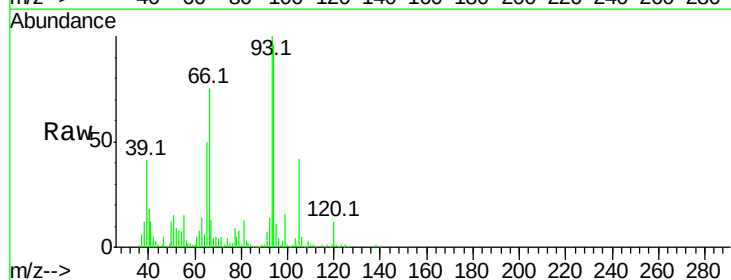
Tgt Ion: 94 Resp: 386548

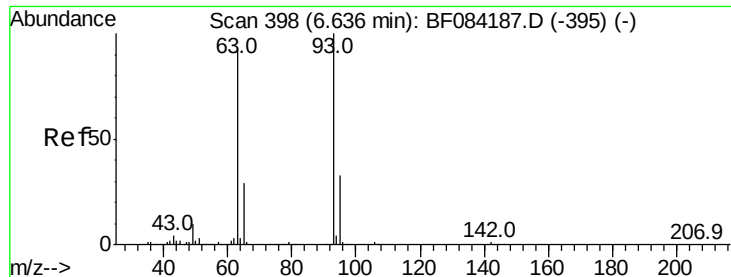
Ion Ratio Lower Upper

94 100

65 52.2 12.9 52.9

66 78.5 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 53.74 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.02 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

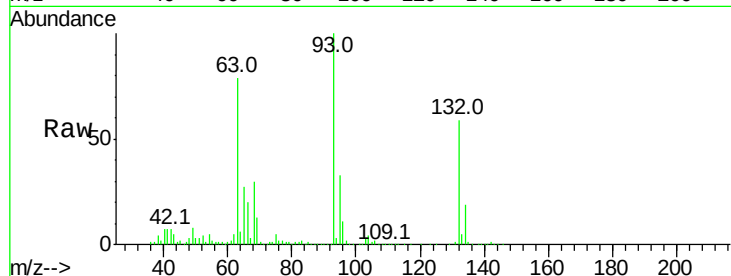
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 1031617

Ion	Ratio	Lower	Upper
93	100		
63	79.1	45.9	85.9
95	33.5	12.3	52.3

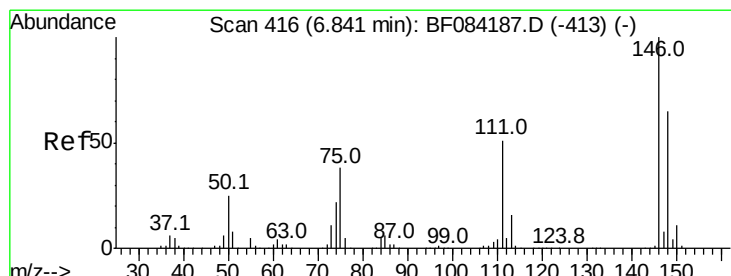
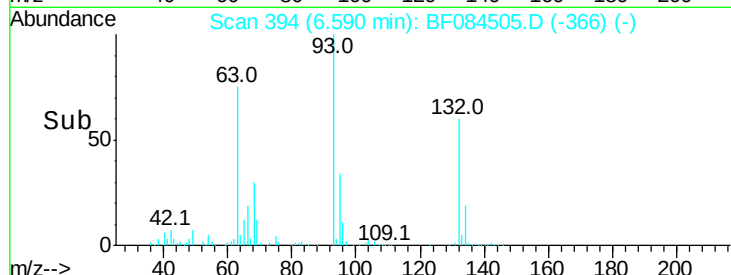
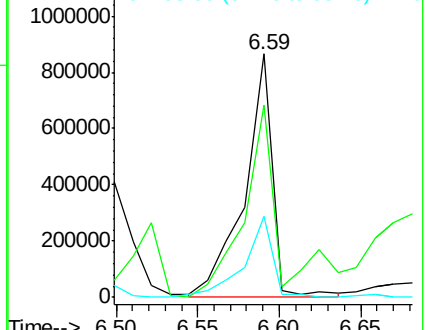


Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 46.30 ng

RT: 6.85 min Scan# 417

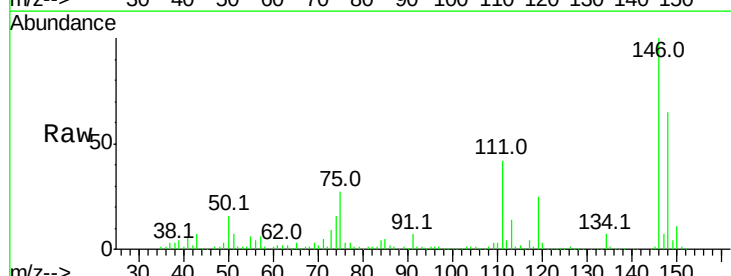
Delta R.T. 0.09 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Tgt Ion: 146 Resp: 940464

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	27.4	20.5	30.7

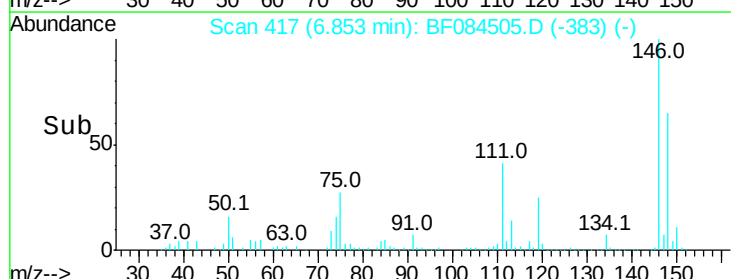
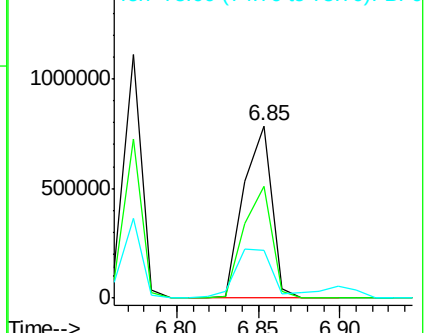


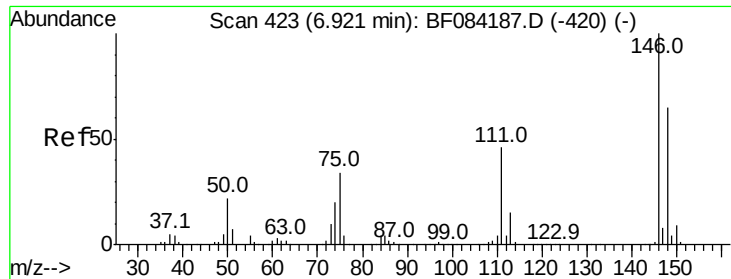
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

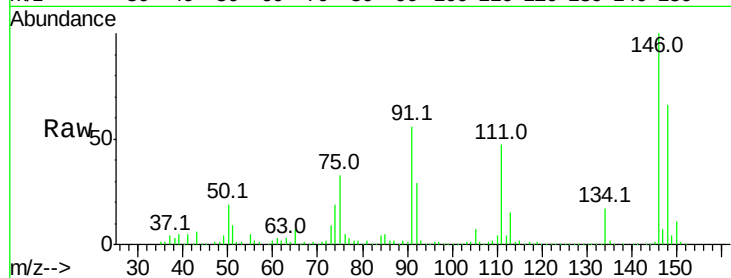




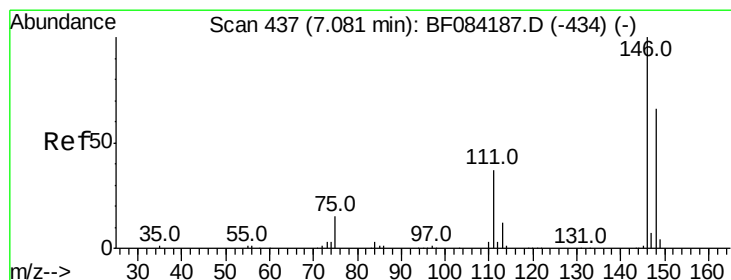
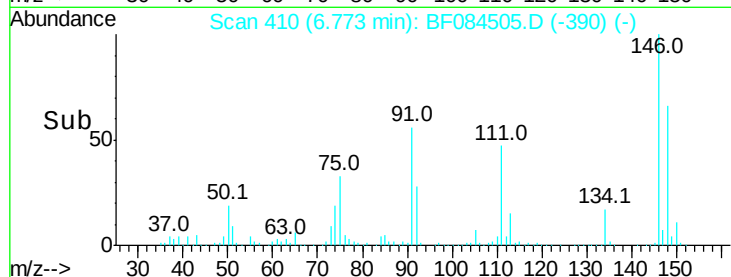
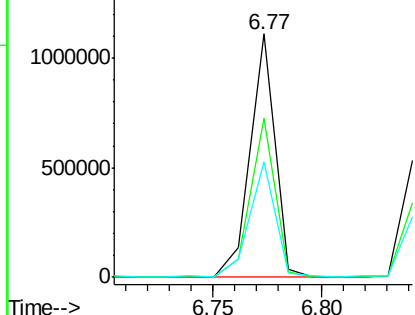
#13
 1,4-Dichlorobenzene
 Concen: 43.13 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.07 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 878419
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 111 47.4 41.6 62.4

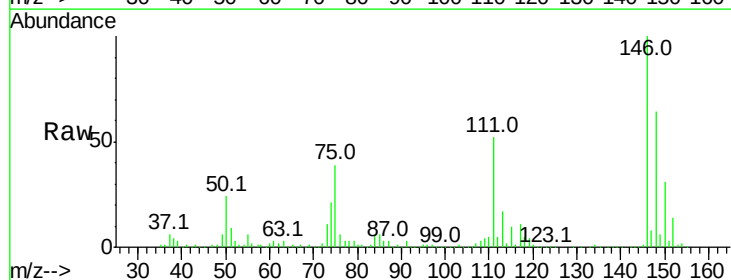


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

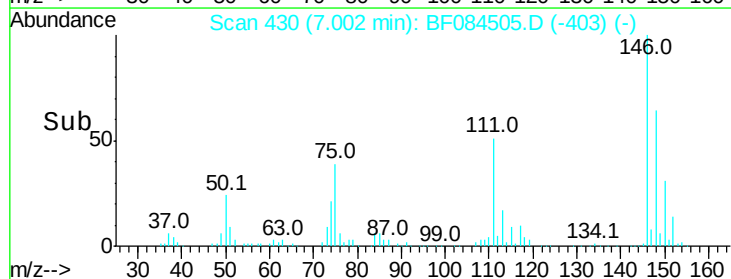
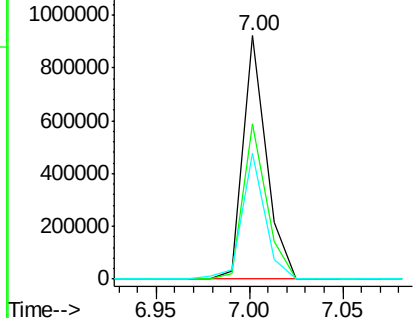


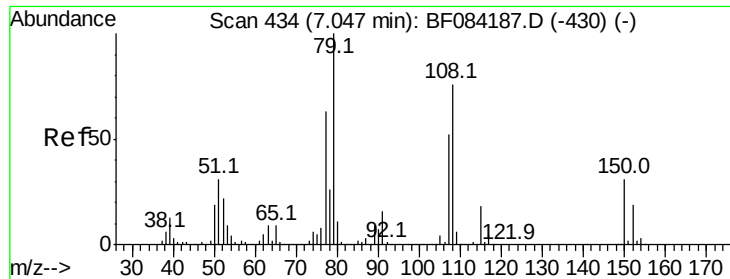
#14
 1,2-Dichlorobenzene
 Concen: 41.03 ng
 RT: 7.00 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

Tgt Ion:146 Resp: 800348
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.6 77.4
 111 51.7 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: 27.71 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :
BNA_F
ClientSampled :

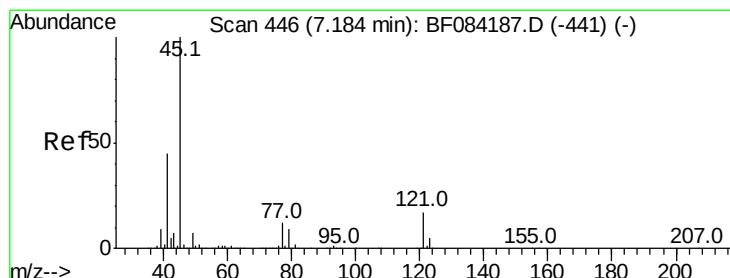
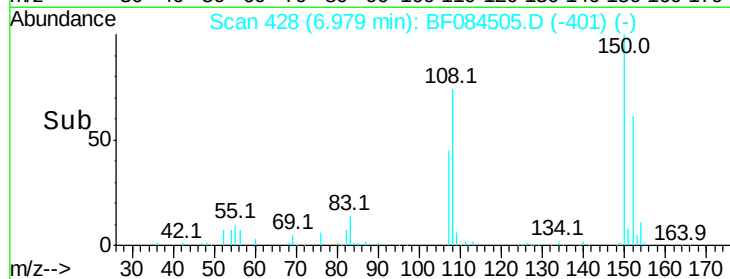
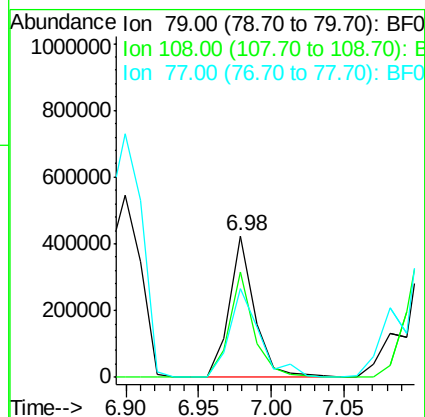
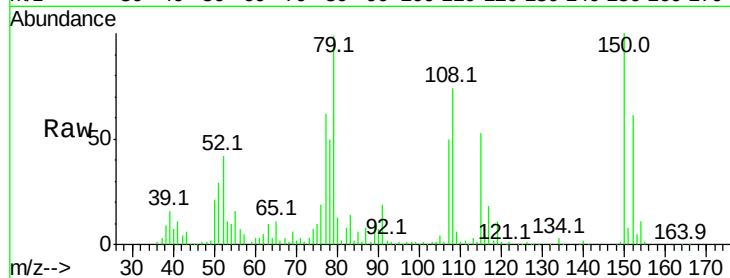
Tot Ion: 79 Resp: 508139

Ion Ratio Lower Upper

79 100

108 74.8 69.0 103.4

77 63.1 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.73 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

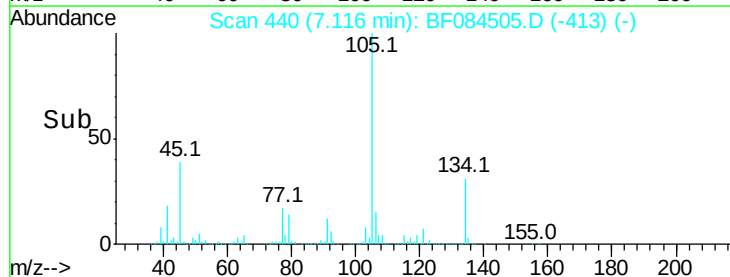
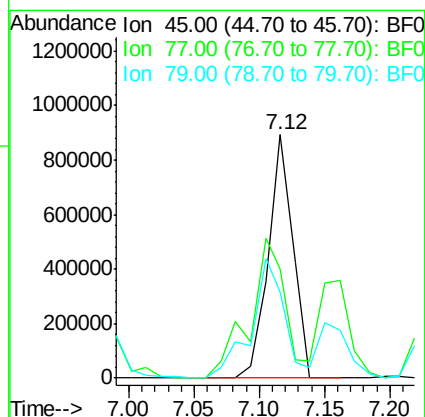
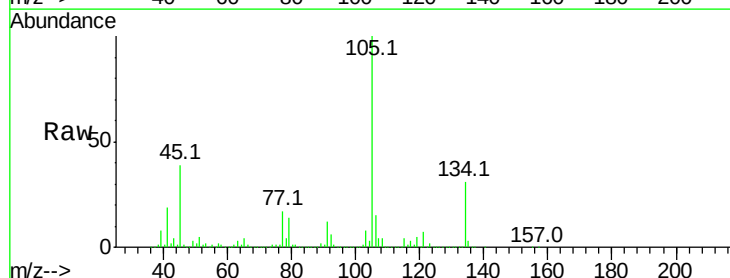
Tgt Ion: 45 Resp: 1179321

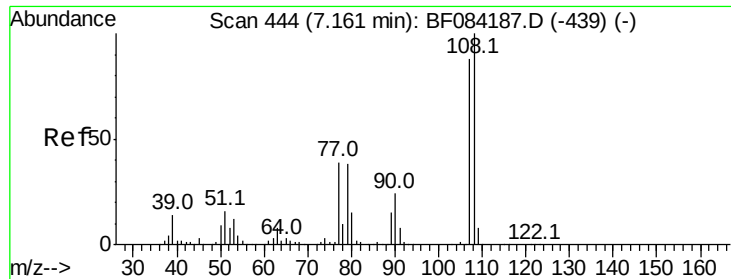
Ion Ratio Lower Upper

45 100

77 45.1 0.0 39.6#

79 35.3 0.0 35.0#

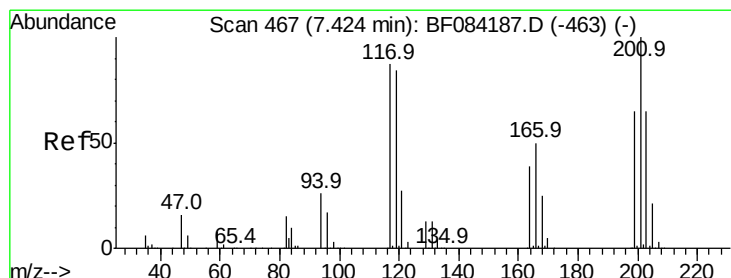
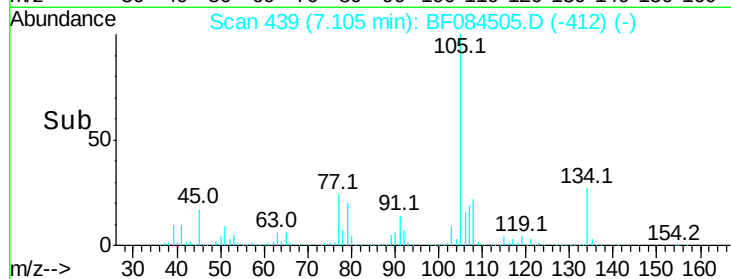
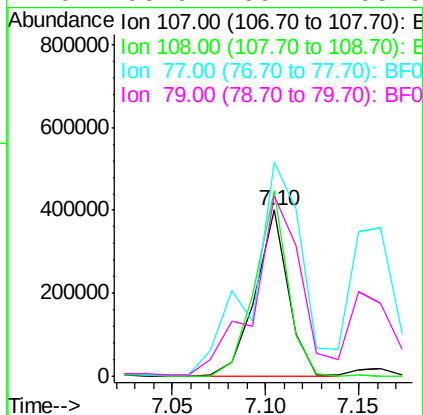
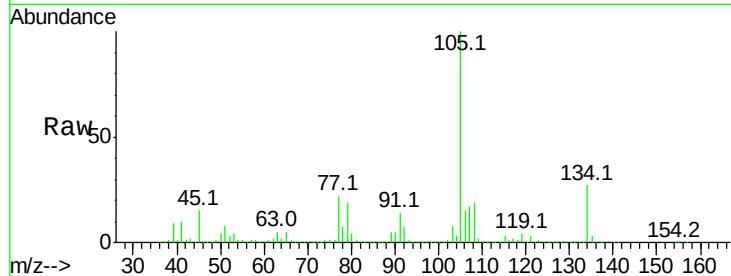




#17
2-Methylphenol
Concen: 29.67 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

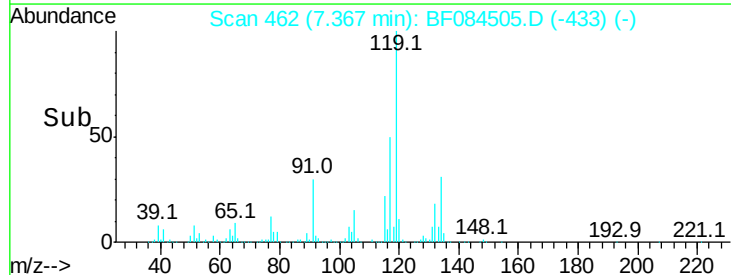
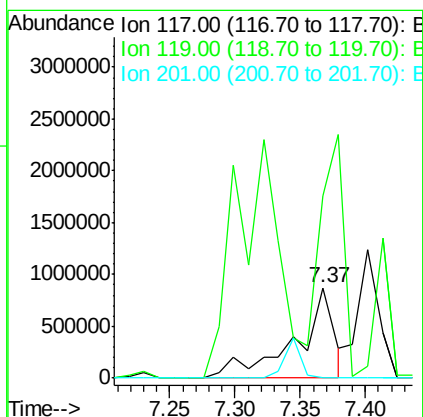
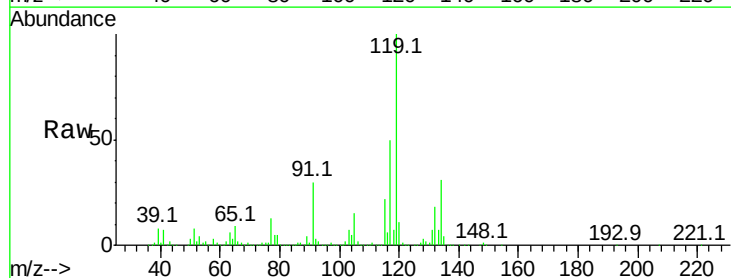
Instrument :
BNA_F
ClientSampleId :

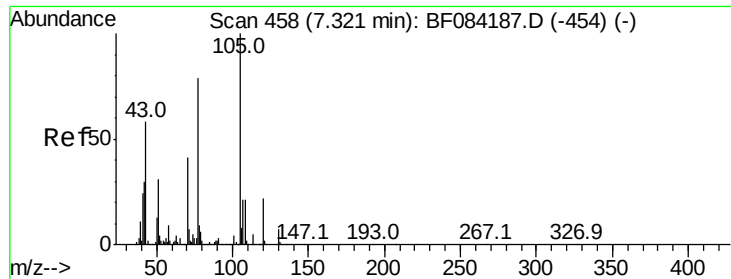
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.8	134.6
77	128.6	35.7	53.5#
79	108.9	35.7	53.5#



#18
Hexachloroethane
Concen: 217.49 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.03 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	201.4	77.4	116.0#
201	0.0	68.6	103.0#

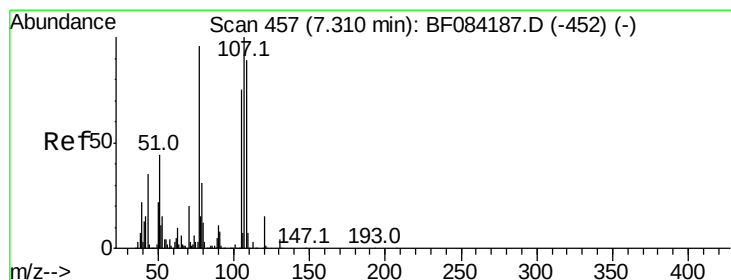
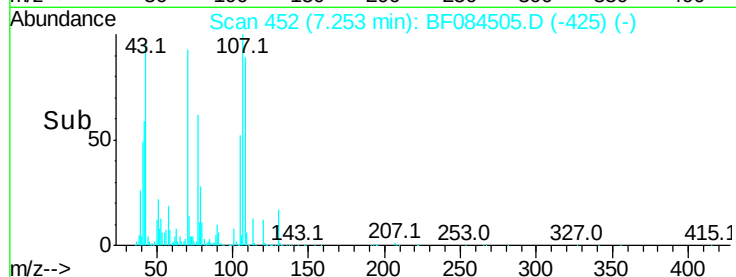
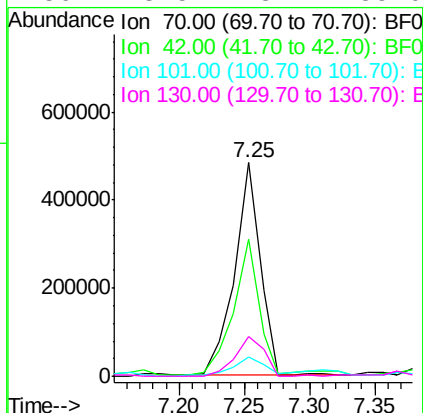
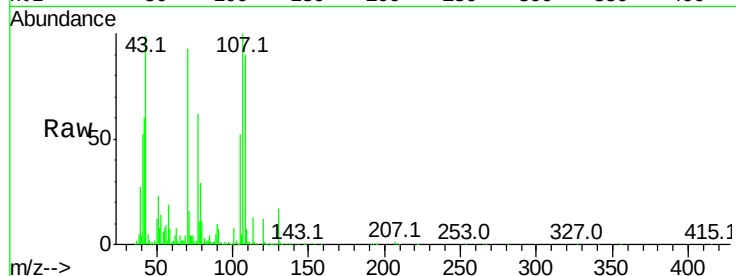




#19
n-Nitroso-di-n-propylamine
Concen: 44.90 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

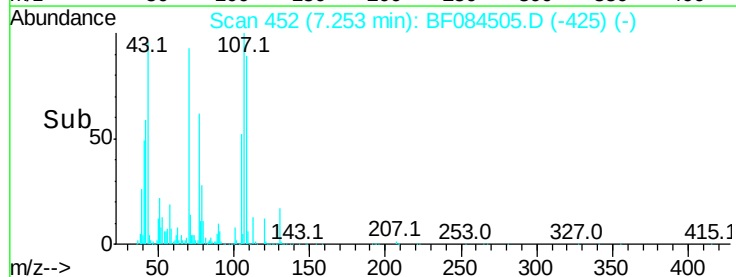
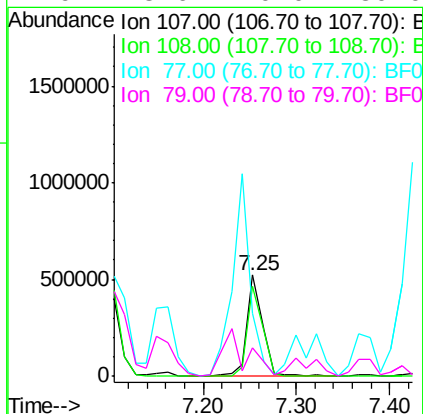
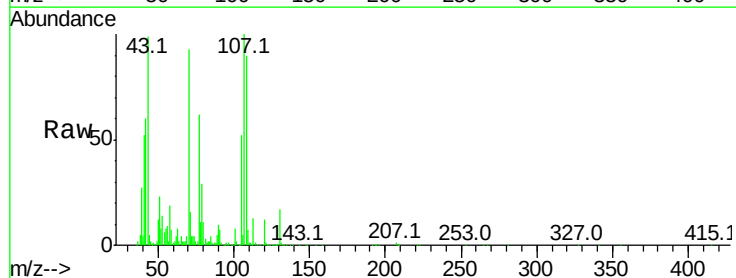
Instrument :
BNA_F
ClientSampleId :

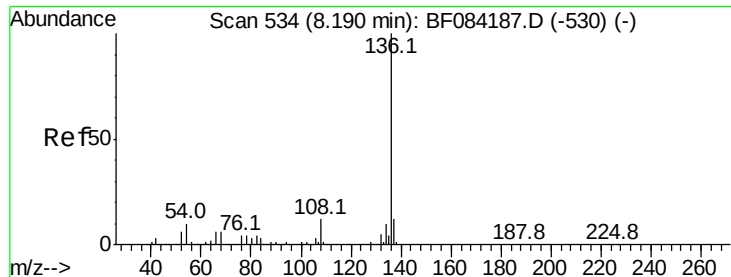
Tot Ion	Ratio	Lower	Upper
70	100		
42	64.4	33.3	49.9#
101	8.9	9.3	13.9#
130	18.5	23.4	35.0#



#20
3+4-Methylphenols
Concen: 30.54 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	74.6	114.6
77	61.8	0.7	40.7#
79	28.6	0.0	39.0

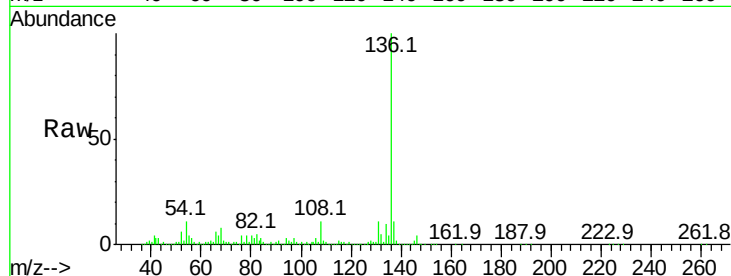




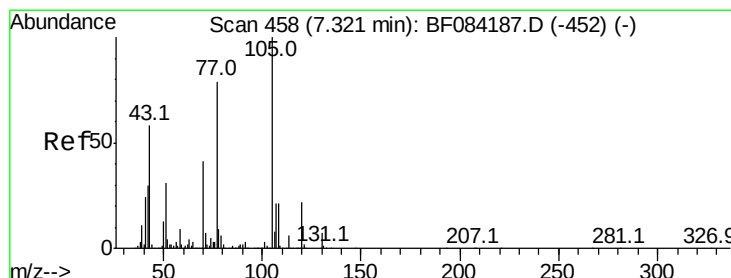
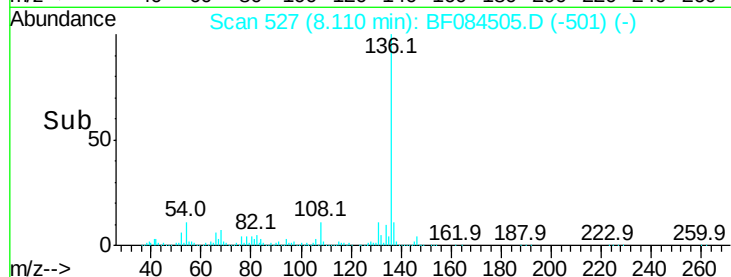
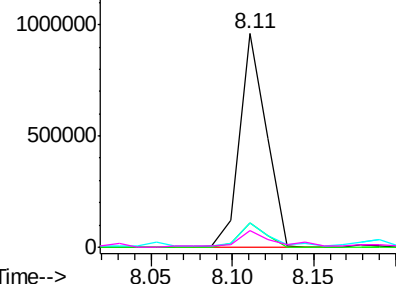
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	1081158
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.5	5.8	8.8#
68	7.6	4.2	6.2#

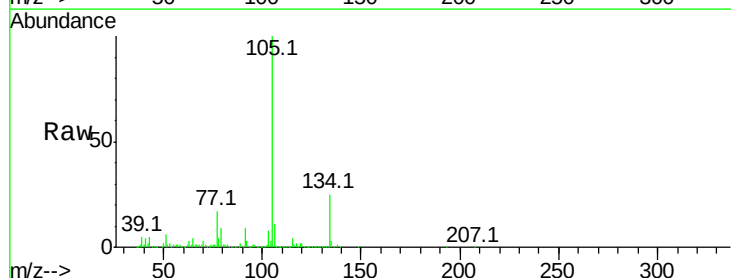


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

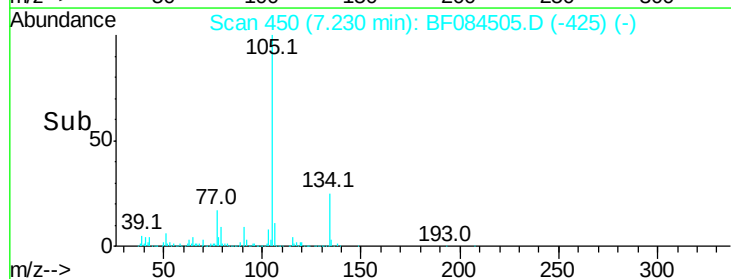
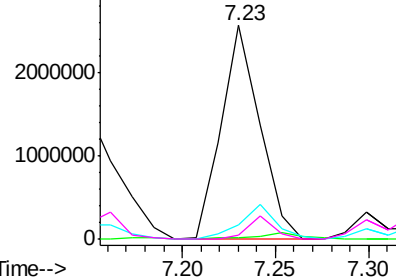


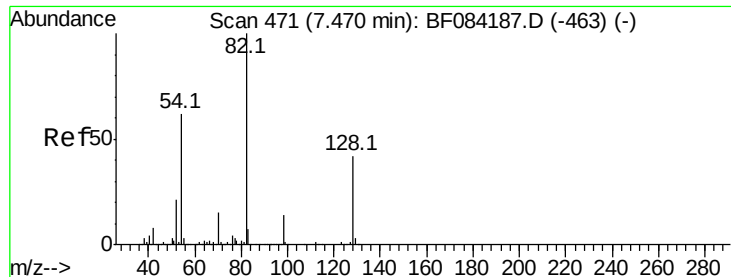
#22
Acetophenone
Concen: 141.83 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Tgt Ion:	105	Resp:	3687221
Ion	Ratio	Lower	Upper
105	100		
71	0.7	3.7	5.5#
51	6.4	25.1	37.7#
120	1.6	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

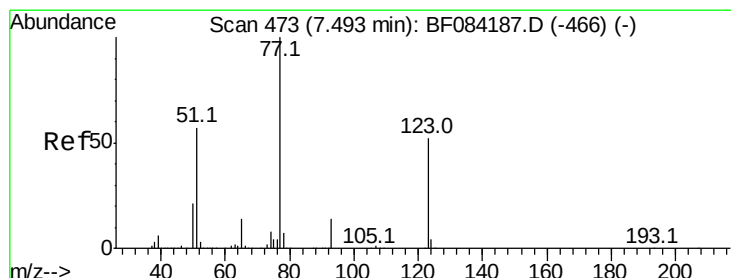
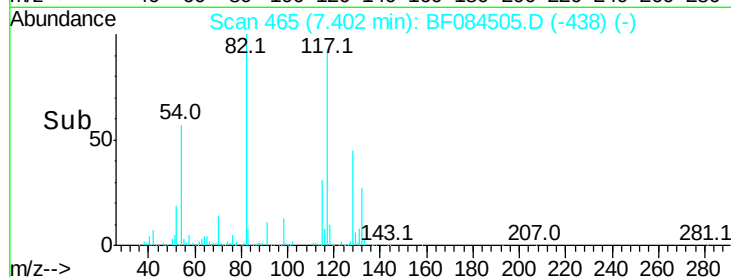
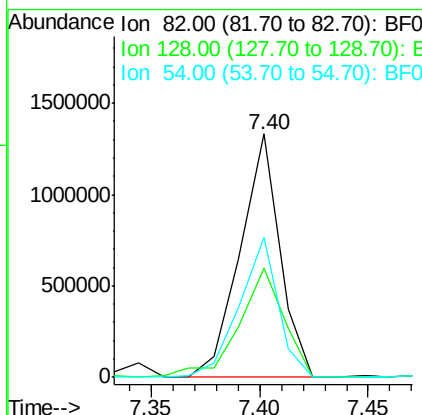
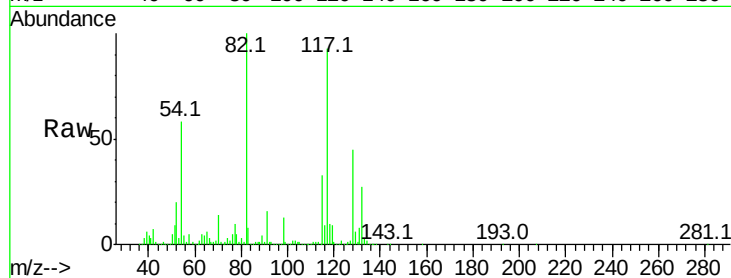




#23
 Nitrobenzene-d5
 Concen: 86.56 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

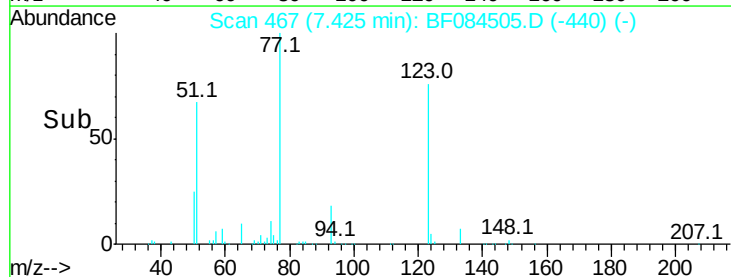
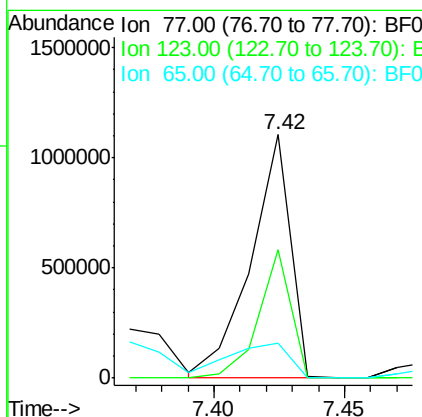
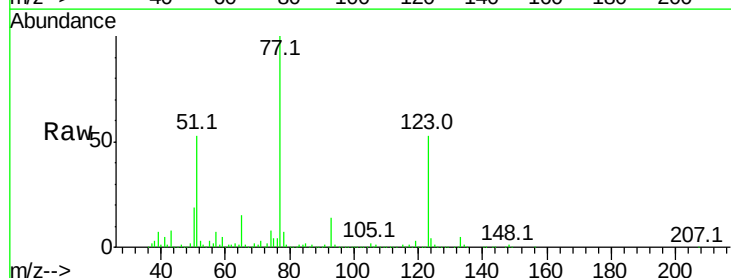
Instrument :
 BNA_F
 ClientSampleId :

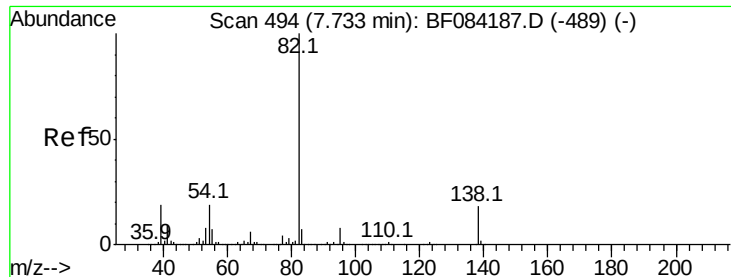
Tot Ion: 82 Resp: 1681571
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 51.8
 54 57.6 38.4 57.6#



#24
 Nitrobenzene
 Concen: 59.43 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

Tgt Ion: 77 Resp: 1170858
 Ion Ratio Lower Upper
 77 100
 123 52.6 37.4 56.2
 65 14.5 10.9 16.3





#25

Isophorone

Concen: 48.46 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

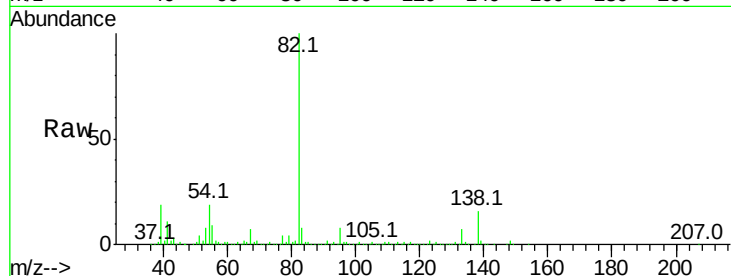
Tot Ion: 82 Resp: 1800391

Ion Ratio Lower Upper

82 100

95 7.7 6.6 10.0

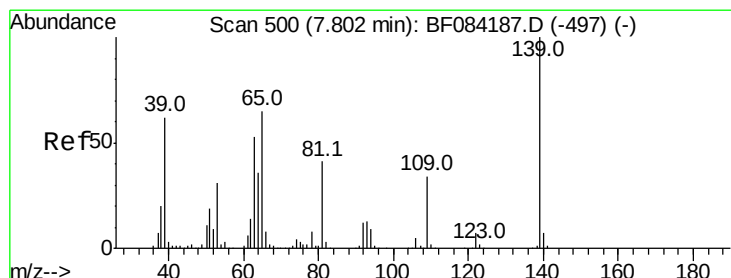
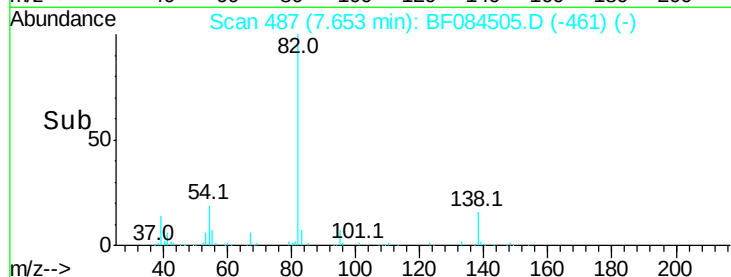
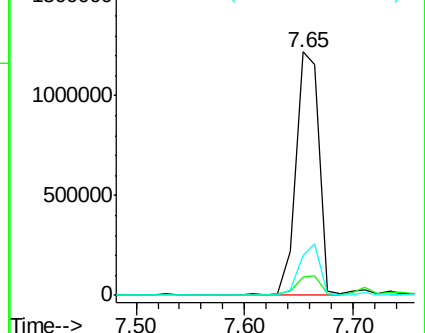
138 16.3 13.6 20.4



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: 57.92 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

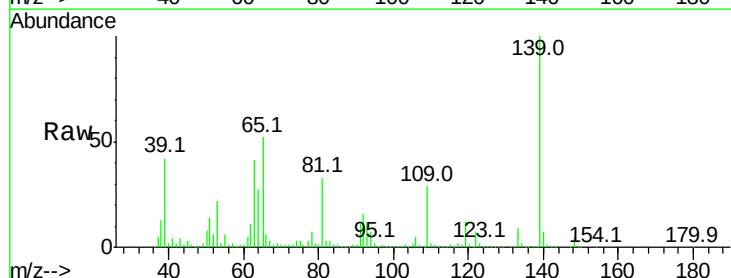
Tgt Ion:139 Resp: 519333

Ion Ratio Lower Upper

139 100

109 29.5 25.4 38.2

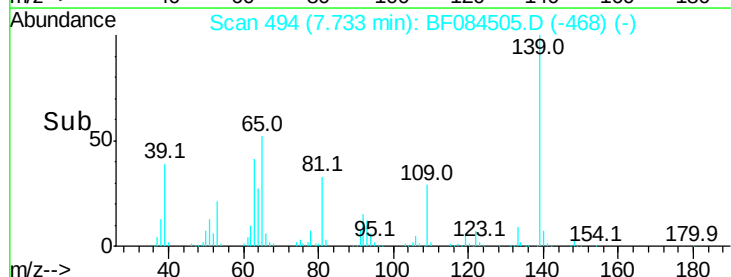
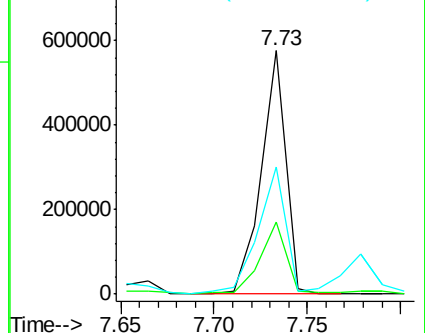
65 52.3 32.3 48.5#

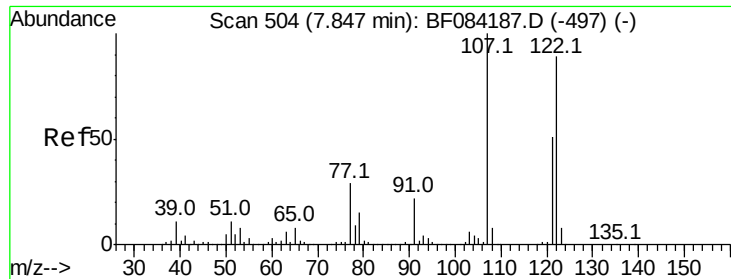


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

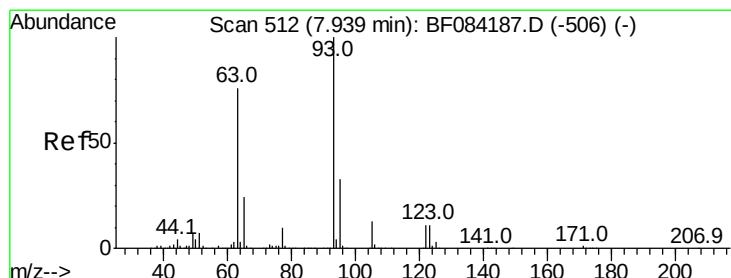
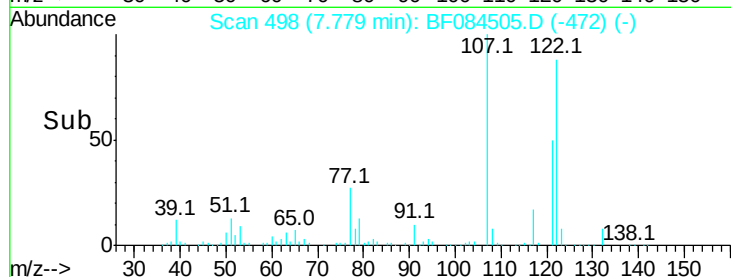
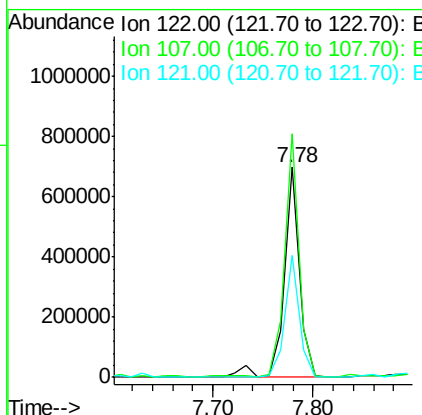
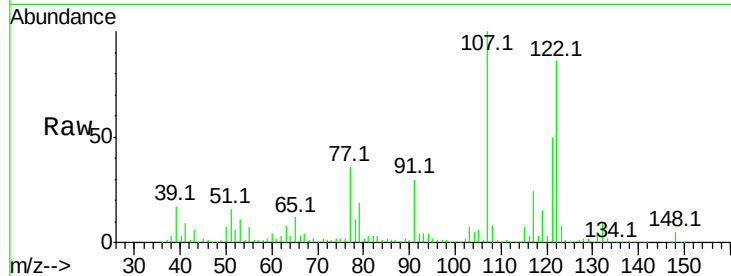




#27
 2,4-Dimethylphenol
 Concen: 40.94 ng
 RT: 7.78 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

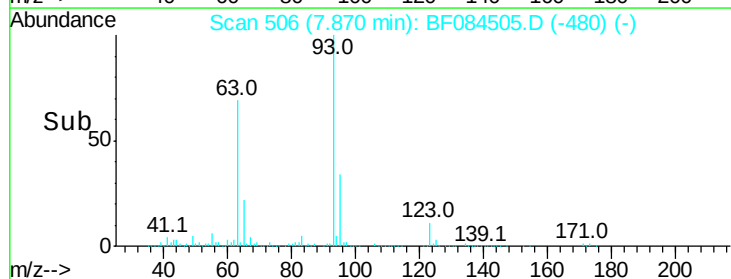
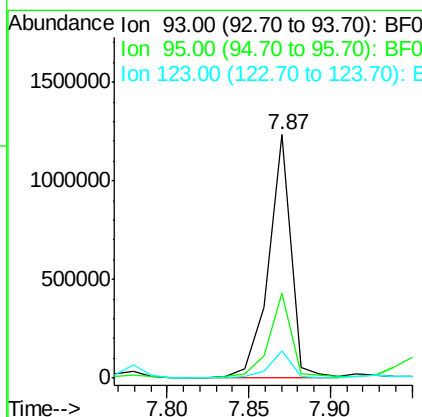
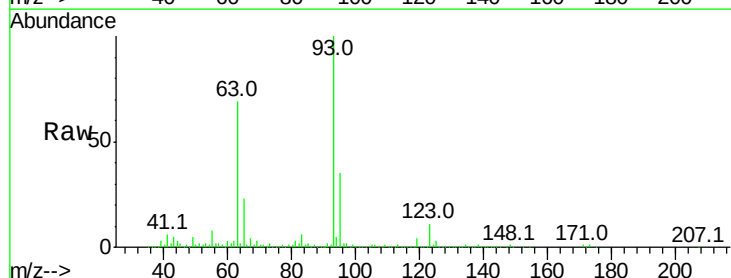
Instrument :
 BNA_F
 ClientSampleId :

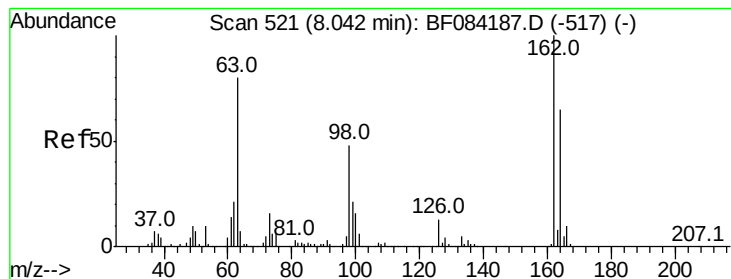
Tot Ion:122 Resp: 743143
 Ion Ratio Lower Upper
 122 100
 107 116.1 99.1 148.7
 121 58.0 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.89 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

Tgt Ion: 93 Resp: 1177474
 Ion Ratio Lower Upper
 93 100
 95 34.6 25.8 38.6
 123 11.1 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 47.70 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

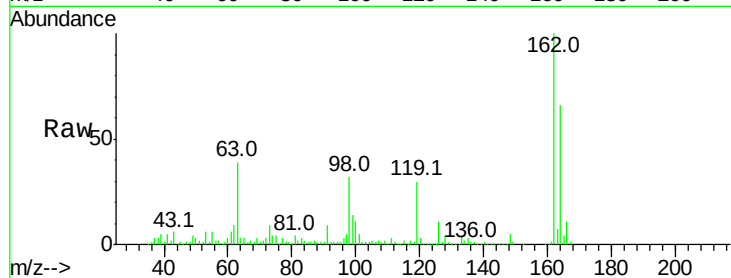
Tot Ion:162 Resp: 721200

Ion Ratio Lower Upper

162 100

164 65.9 44.1 84.1

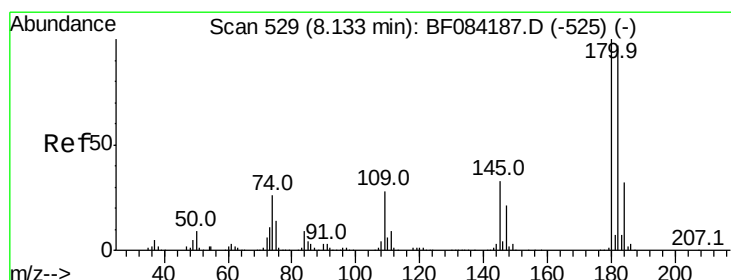
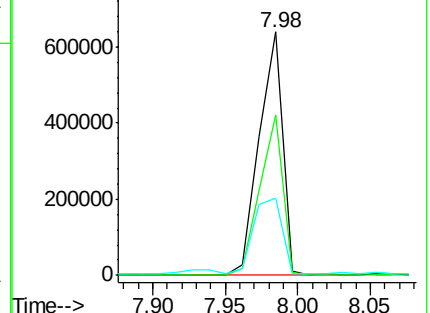
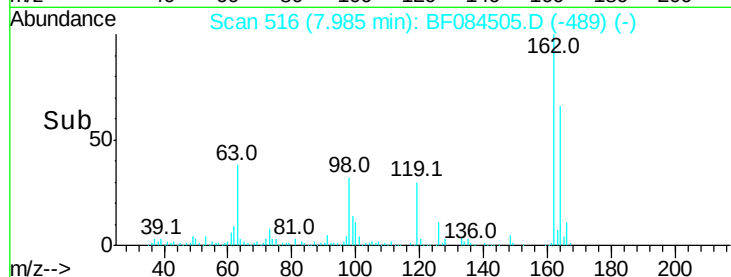
98 31.9 20.2 60.2



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: 47.93 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

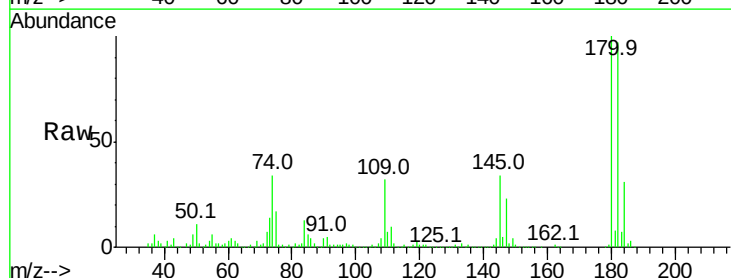
Tgt Ion:180 Resp: 748105

Ion Ratio Lower Upper

180 100

182 97.5 76.4 114.6

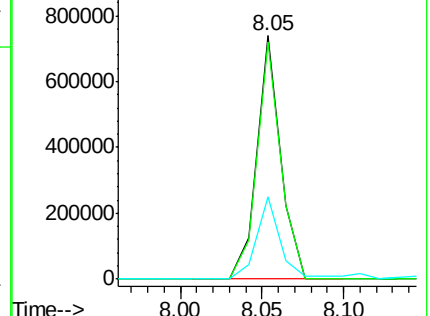
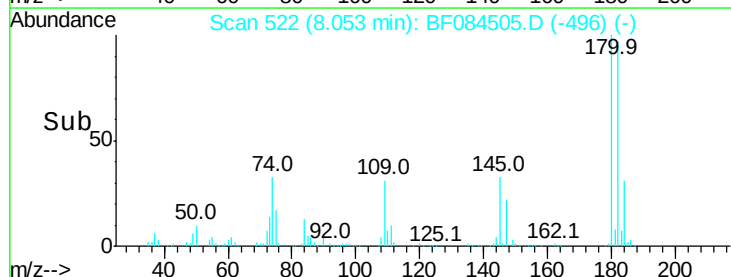
145 34.0 31.6 47.4

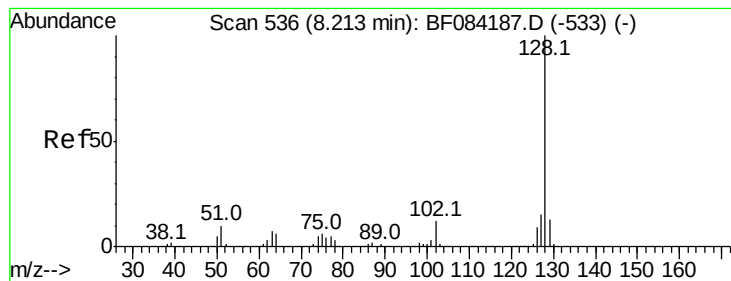


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 66.07 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

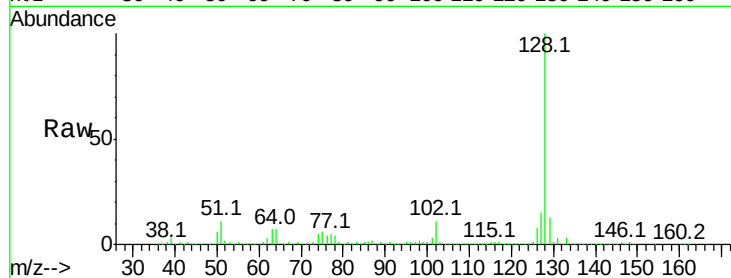
Tot Ion:128 Resp: 3240677

Ion Ratio Lower Upper

128 100

129 13.3 9.1 13.7

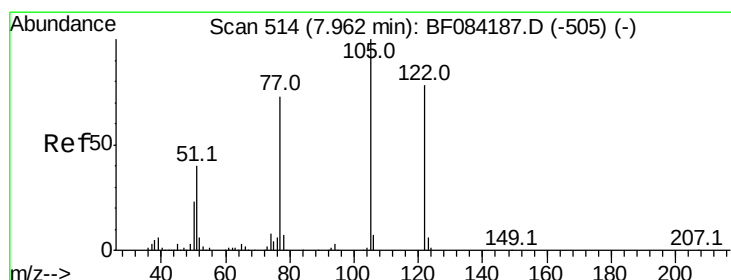
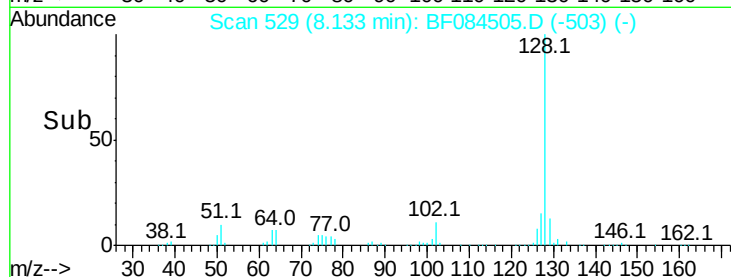
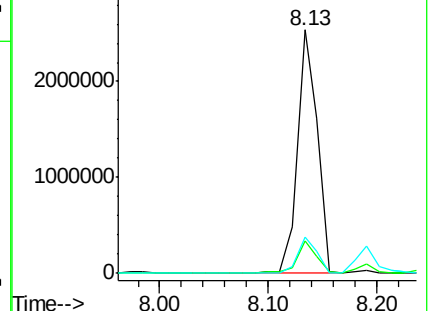
127 14.7 11.1 16.7



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: 20.68 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.03 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

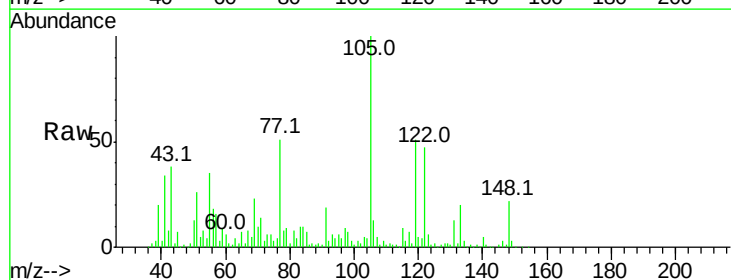
Tgt Ion:122 Resp: 193747

Ion Ratio Lower Upper

122 100

105 211.3 100.3 140.3#

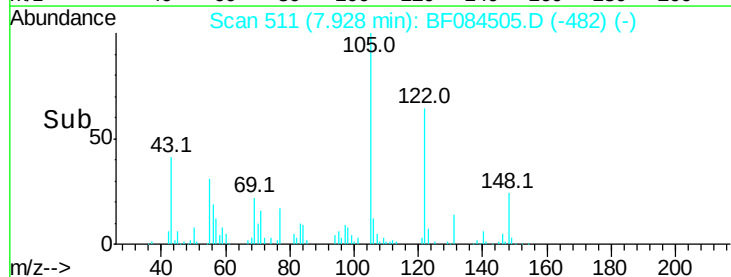
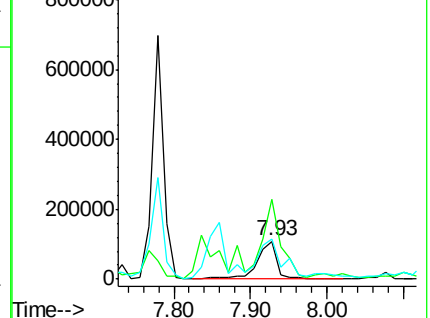
77 108.2 63.5 103.5#

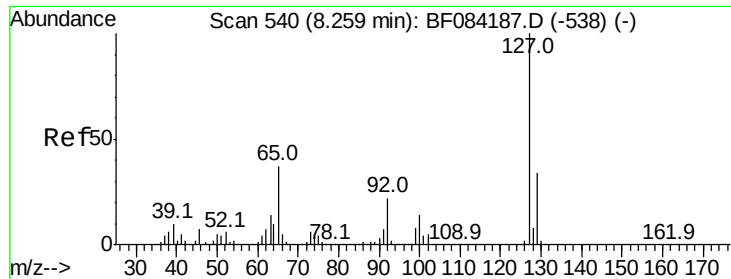


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

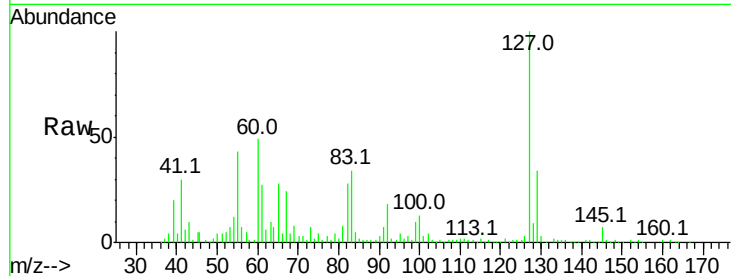




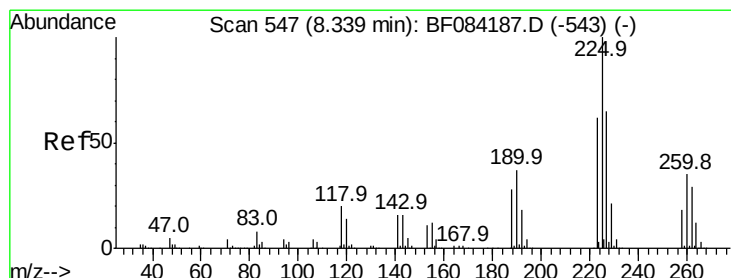
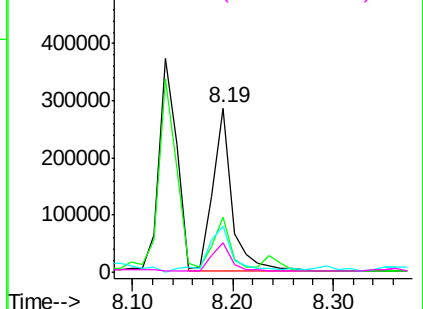
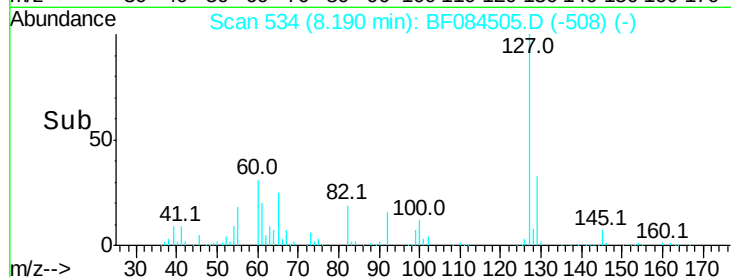
#33
4-Chloroaniline
Concen: 16.88 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	379571
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.5	39.7
65	28.4	27.2	40.8
92	18.1	17.7	26.5

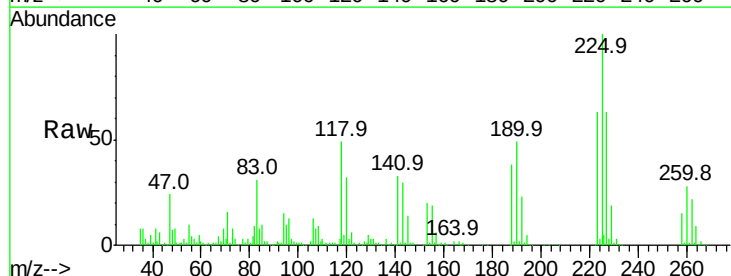


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

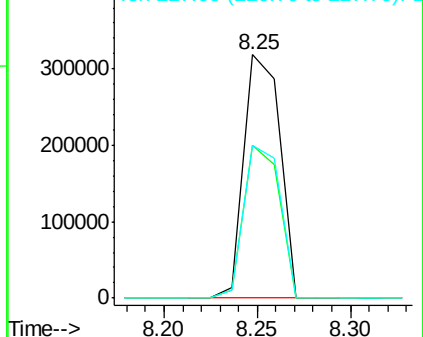
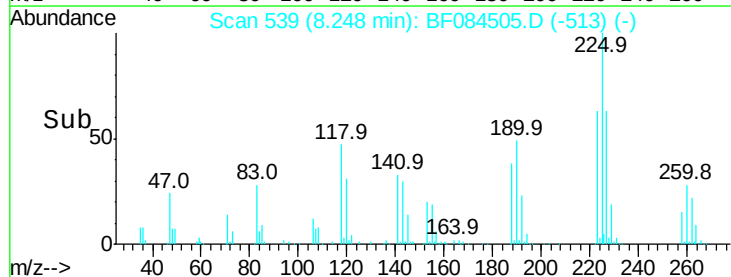


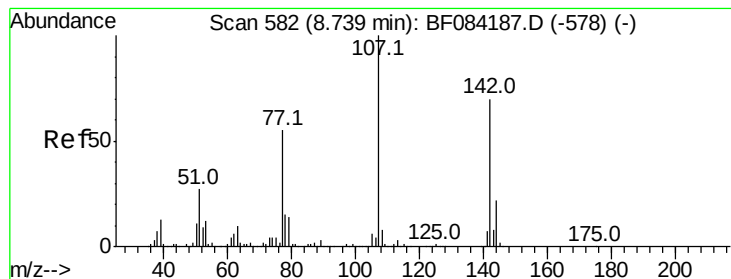
#34
Hexachlorobutadiene
Concen: 47.51 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Tgt Ion:	225	Resp:	426278
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.0
227	62.9	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#36

4-Chloro-3-methylphenol

Concen: 45.83 ng

RT: 8.68 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampled :

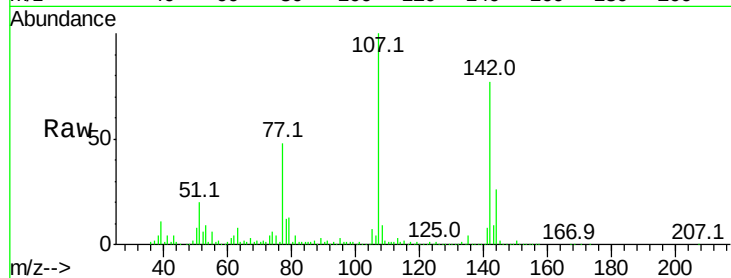
Tot Ion:107 Resp: 776119

Ion Ratio Lower Upper

107 100

144 25.7 19.7 29.5

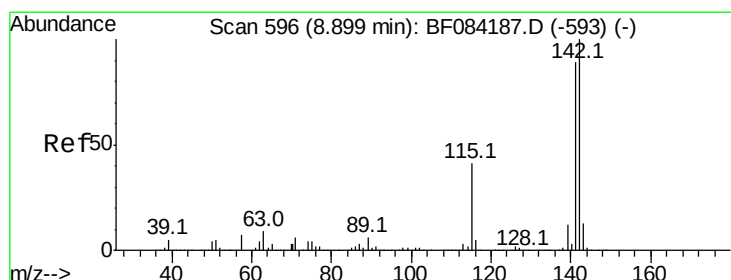
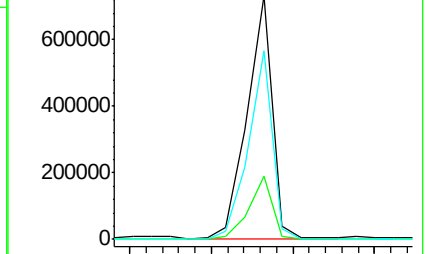
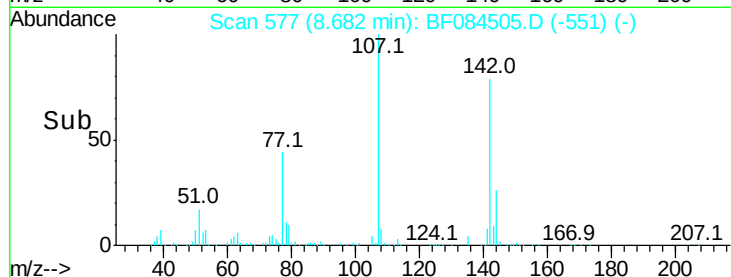
142 77.3 61.8 92.6



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: 53.41 ng

RT: 8.83 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

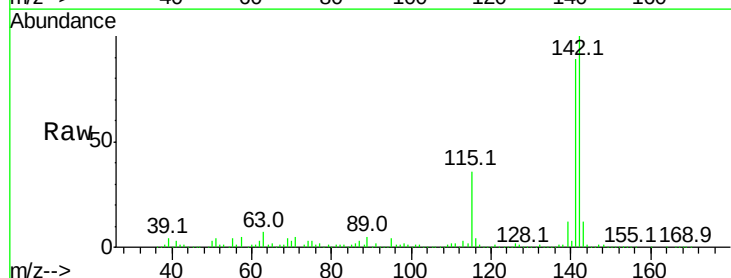
Tgt Ion:142 Resp: 1880564

Ion Ratio Lower Upper

142 100

141 88.5 72.4 108.6

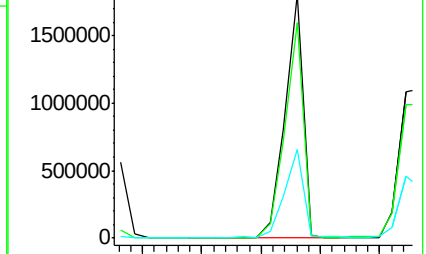
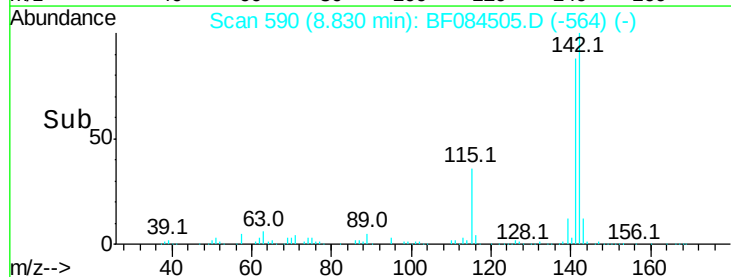
115 36.5 27.9 41.9

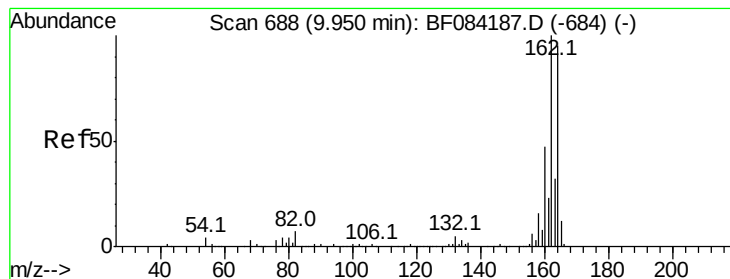


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :
BNA_F
ClientSampleId :

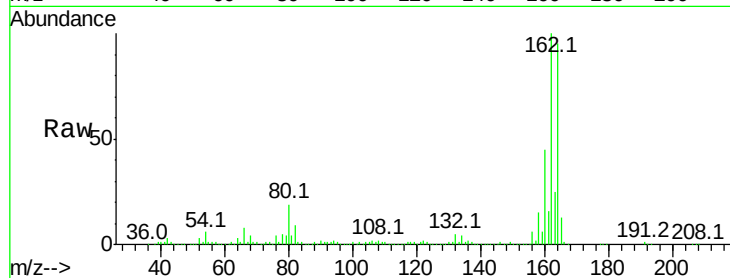
Tot Ion:164 Resp: 517478

Ion Ratio Lower Upper

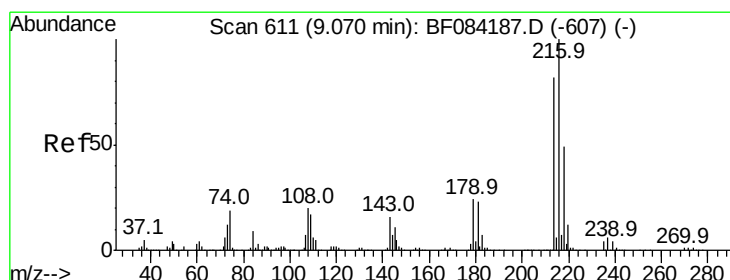
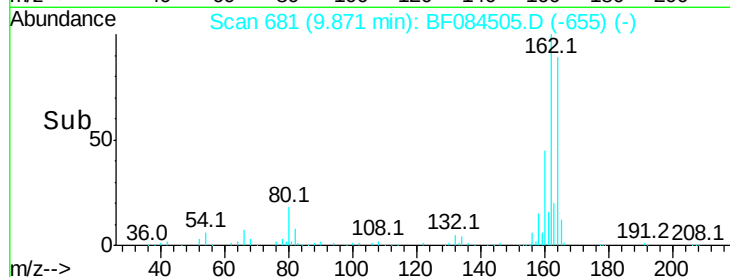
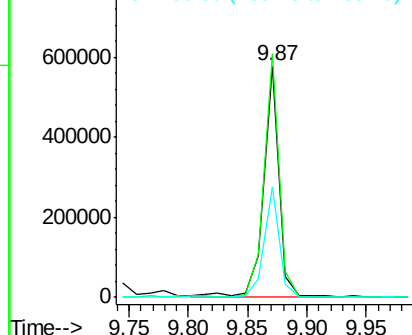
164 100

162 105.2 85.1 127.7

160 47.6 37.5 56.3



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.57 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Tgt Ion:216 Resp: 662996

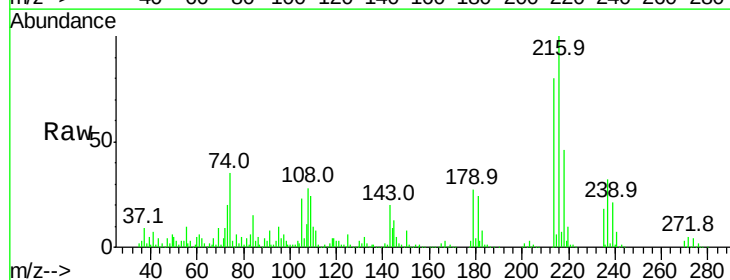
Ion Ratio Lower Upper

216 100

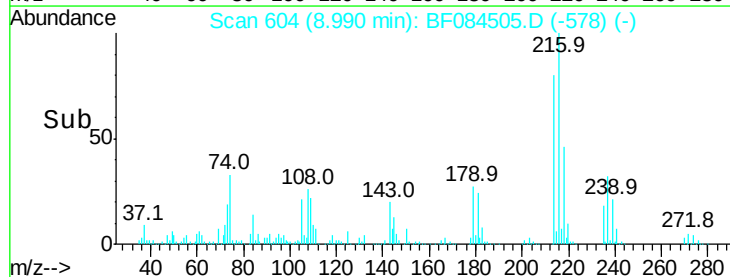
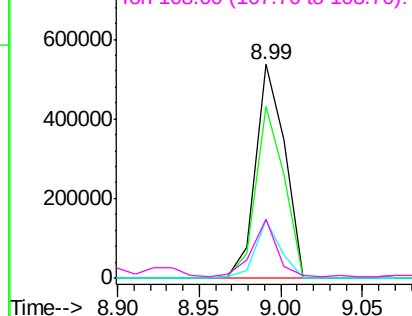
214 78.4 64.2 96.2

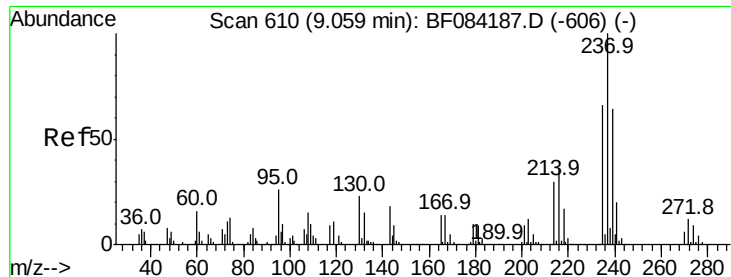
179 23.4 18.7 28.1

108 22.7 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

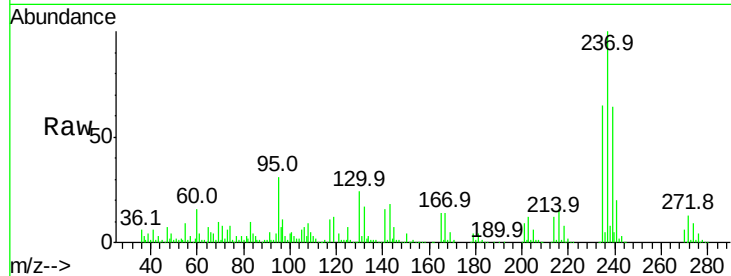




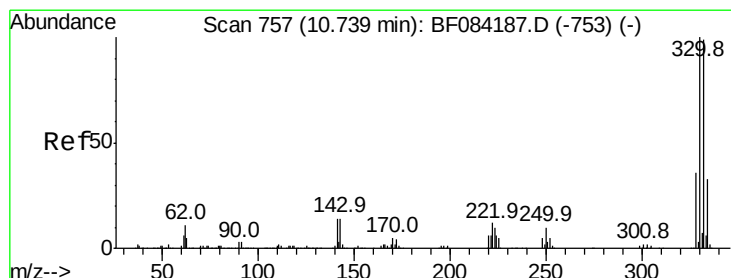
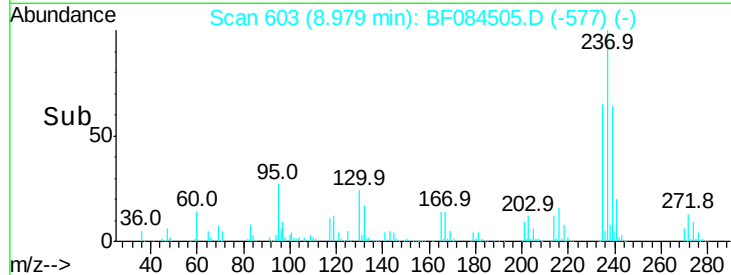
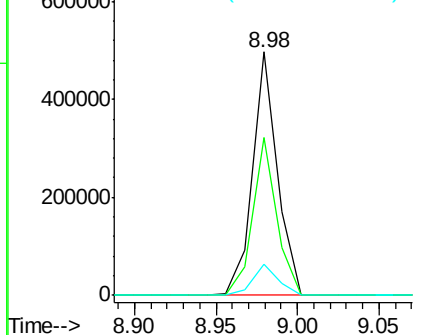
#40
Hexachlorocyclopentadiene
Concen: 58.20 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.8	43.1	83.1
272	12.7	0.0	35.1

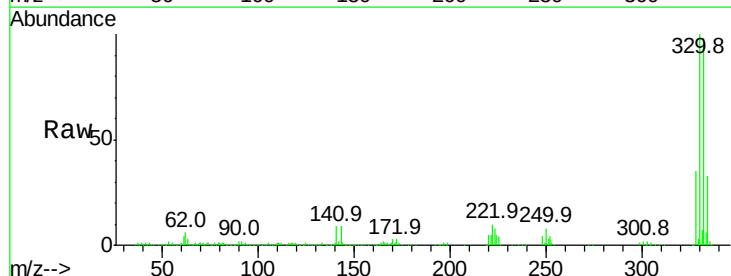


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

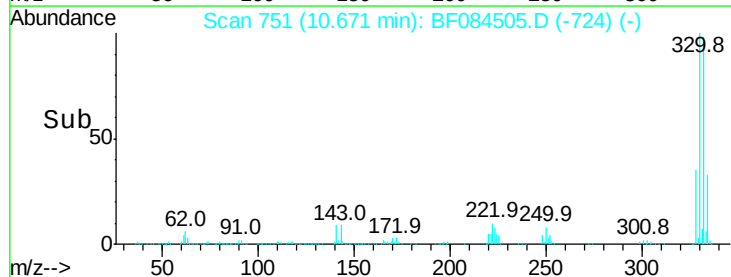
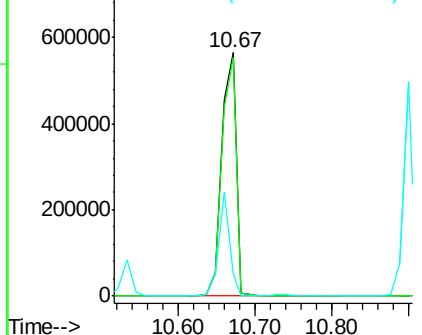


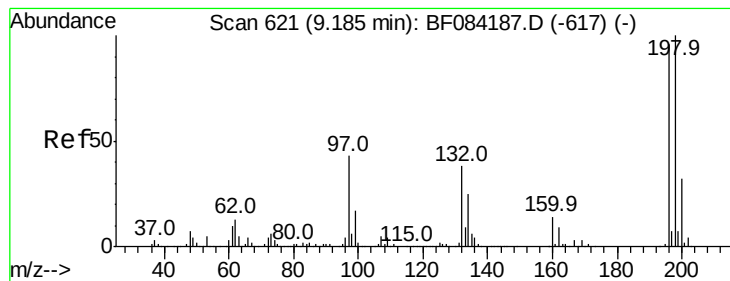
#41
2,4,6-Tribromophenol
Concen: 144.40 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	31.9	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

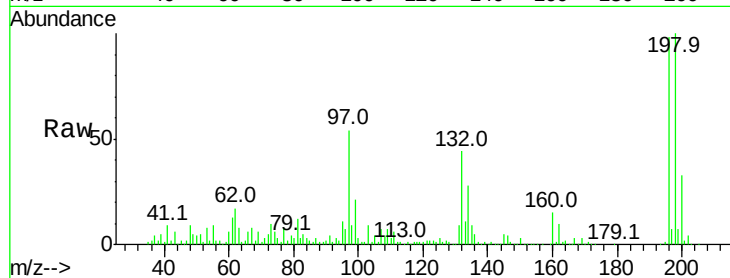




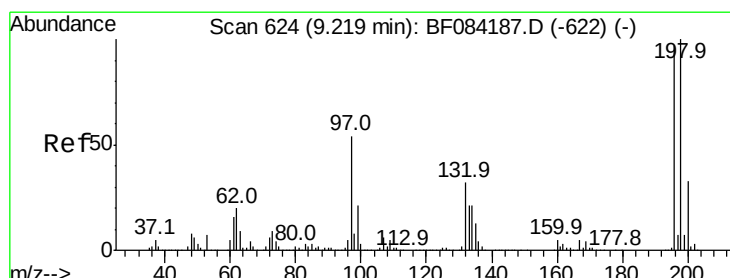
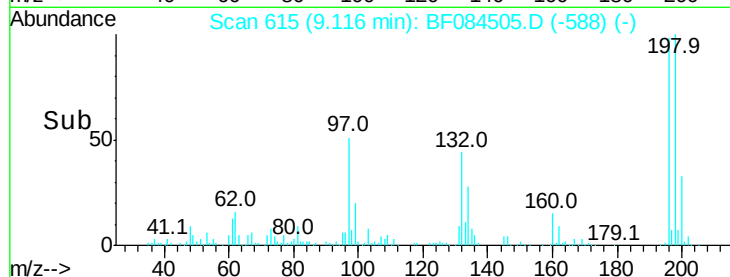
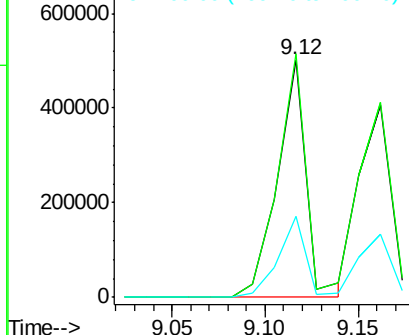
#42
 2,4,6-Trichlorophenol
 Concen: 48.55 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 540394
 Ion Ratio Lower Upper
 196 100
 198 102.6 77.7 116.5
 200 34.1 24.6 37.0



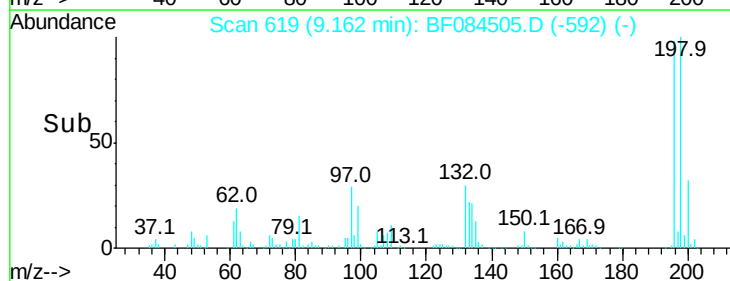
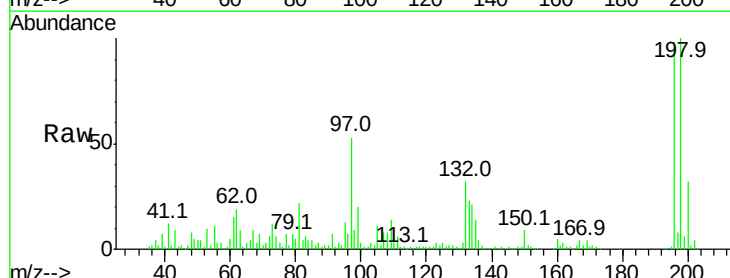
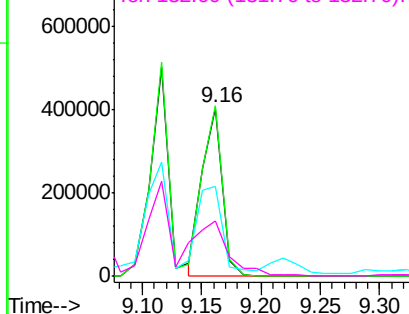
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

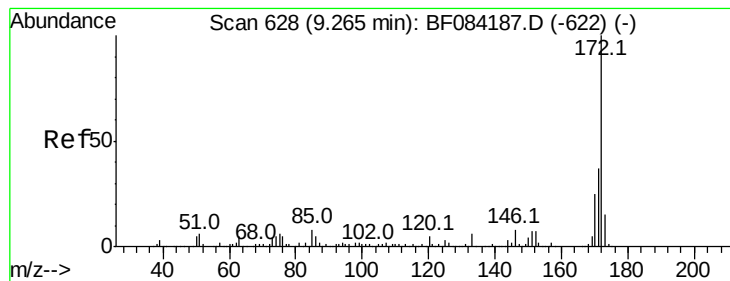


#43
 2,4,5-Trichlorophenol
 Concen: 45.44 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

Tgt Ion:196 Resp: 484816
 Ion Ratio Lower Upper
 196 100
 198 101.5 79.0 118.6
 97 53.6 33.0 49.6#
 132 32.6 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: 100.77 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

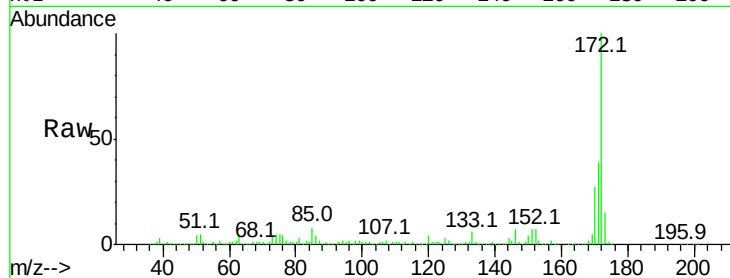
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 2929723

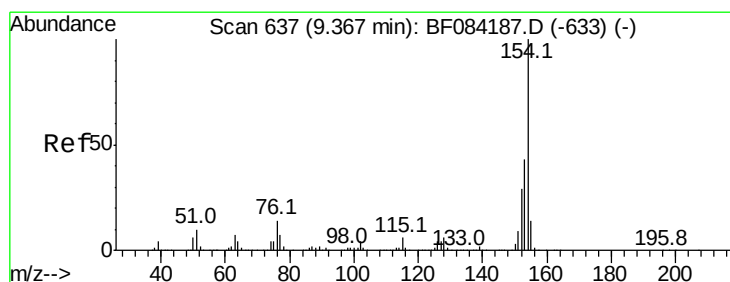
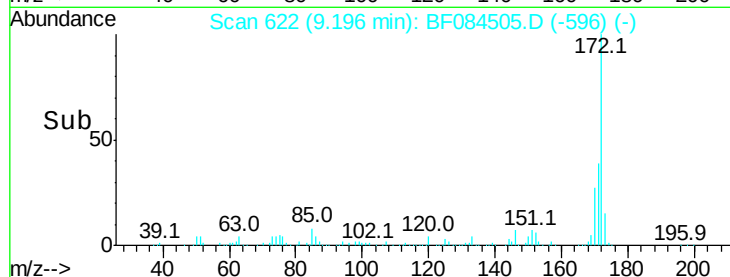
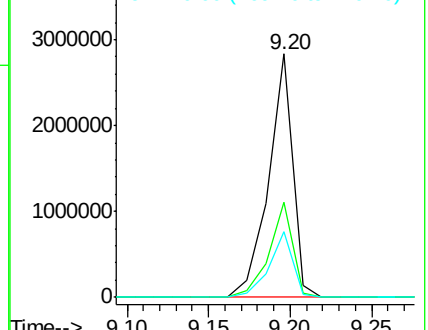
Ion	Ratio	Lower	Upper
172	100		
171	39.1	28.9	43.3
170	26.8	18.6	27.8



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: 50.13 ng

RT: 9.30 min Scan# 631

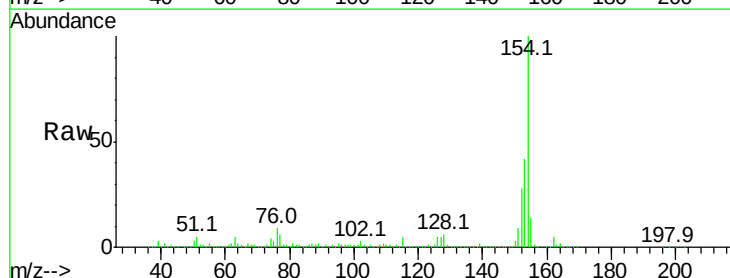
Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Tgt Ion:154 Resp: 2061694

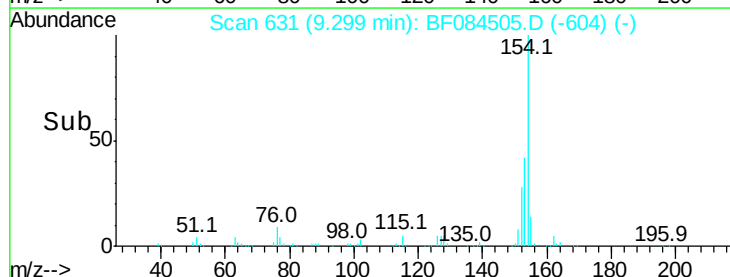
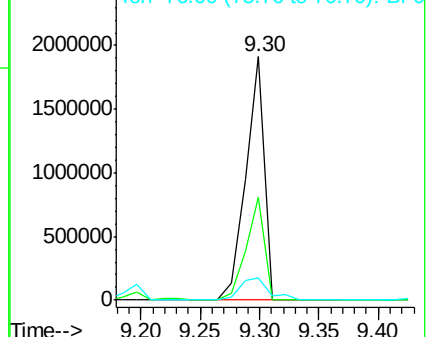
Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.6	61.6
76	9.4	0.0	32.7

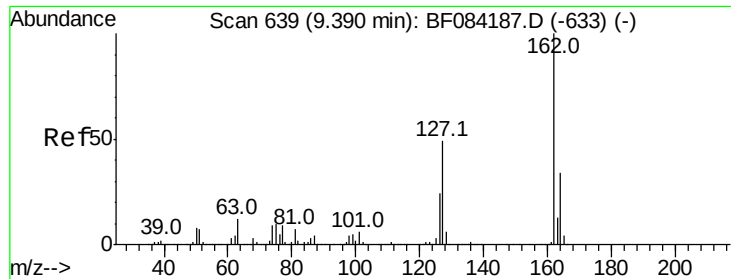


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 49.96 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

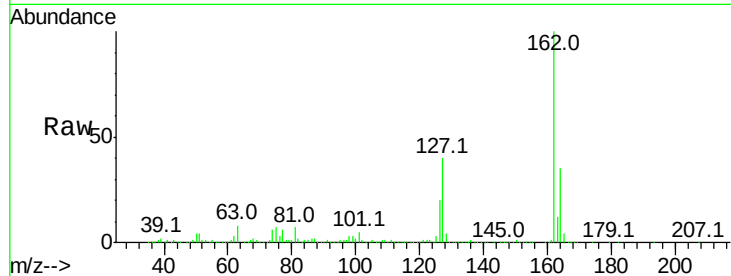
Tot Ion:162 Resp: 1613939

Ion Ratio Lower Upper

162 100

127 40.4 40.2 60.4

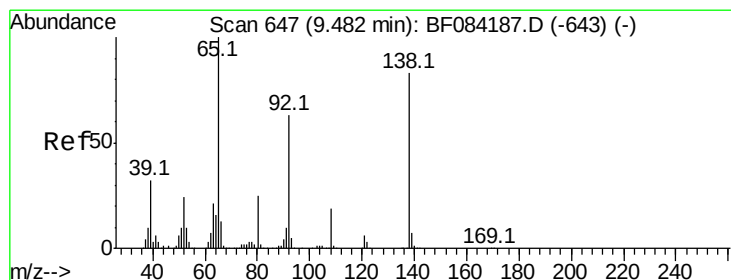
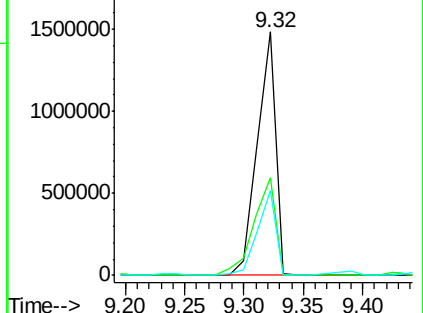
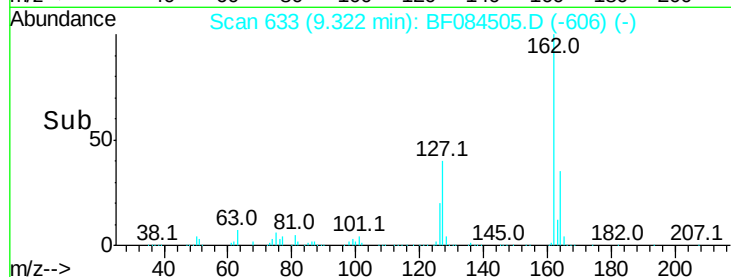
164 34.8 25.7 38.5



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: 56.76 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

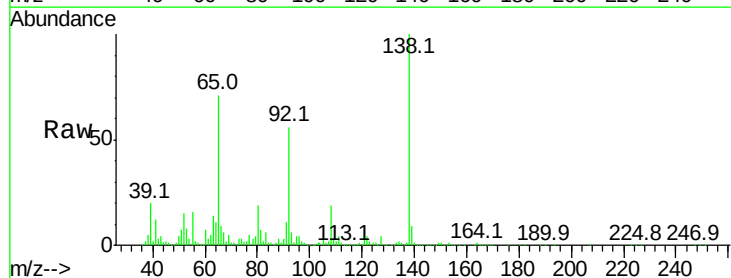
Tgt Ion: 65 Resp: 605148

Ion Ratio Lower Upper

65 100

92 78.5 53.4 80.2

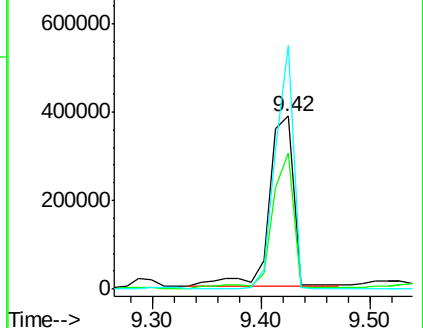
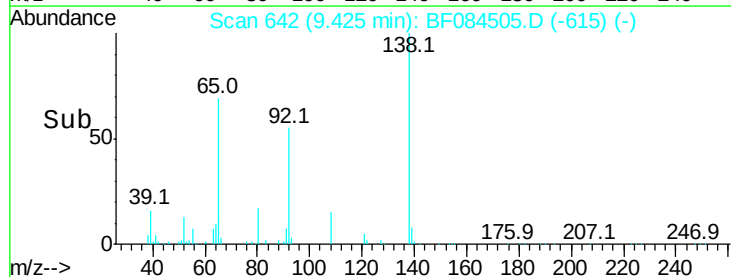
138 140.8 71.1 106.7#

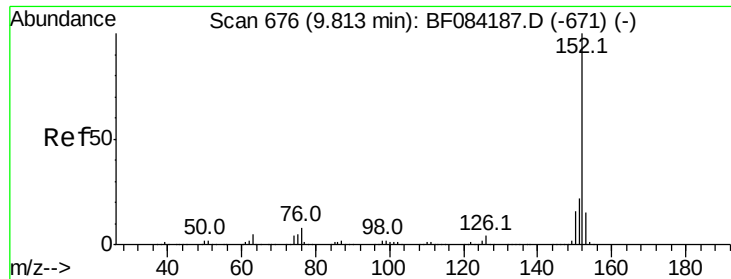


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 46.65 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

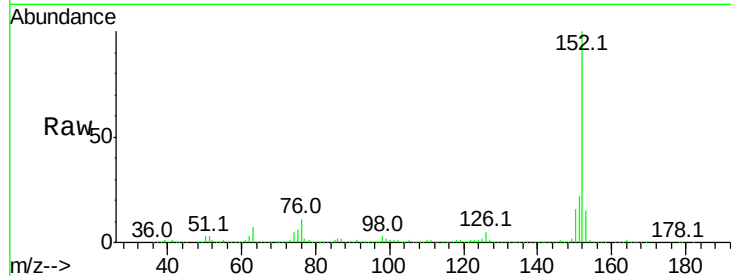
Tot Ion:152 Resp: 2226561

Ion Ratio Lower Upper

152 100

151 21.7 16.3 24.5

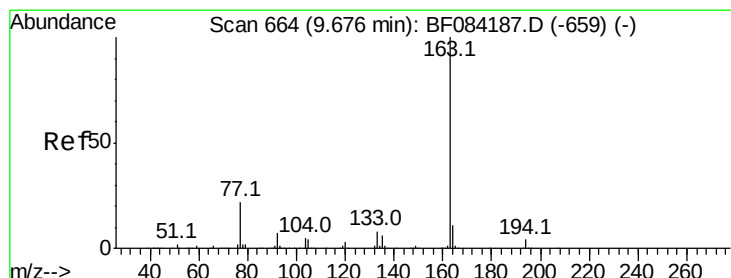
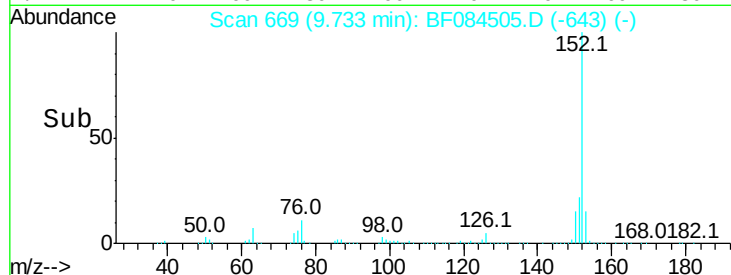
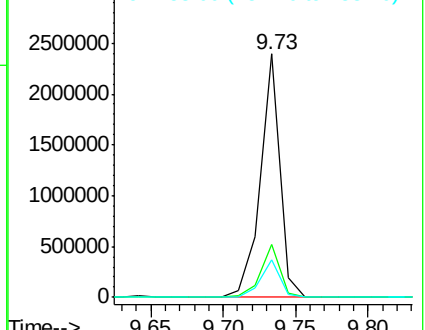
153 15.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 52.23 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

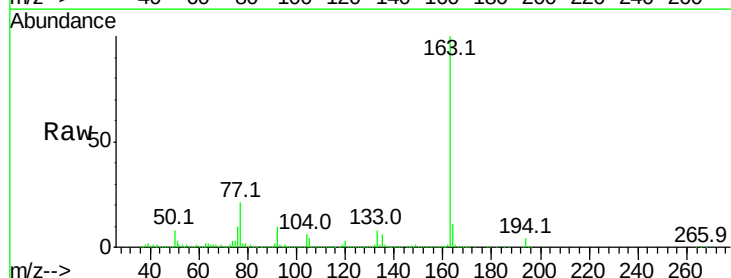
Tgt Ion:163 Resp: 1932049

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

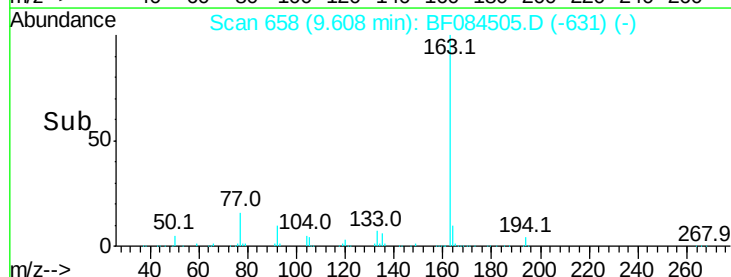
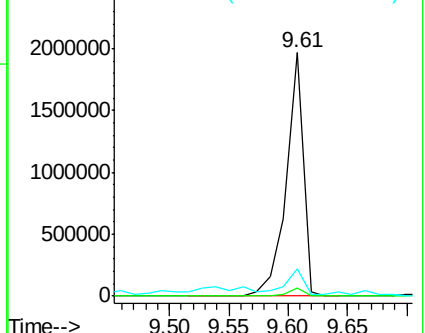
164 11.3 8.0 12.0

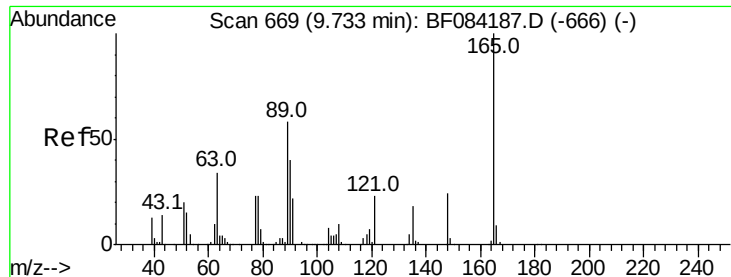


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 54.73 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :
BNA_F
ClientSampleId :

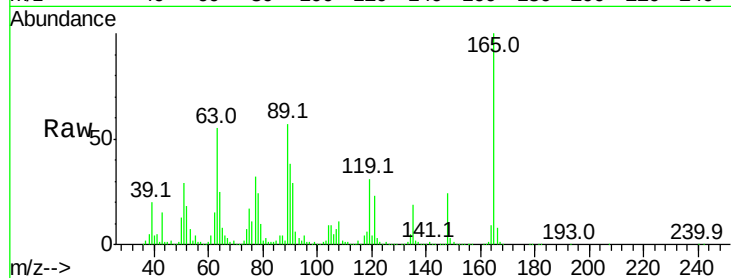
Tot Ion:165 Resp: 444051

Ion Ratio Lower Upper

165 100

63 55.4 28.8 43.2#

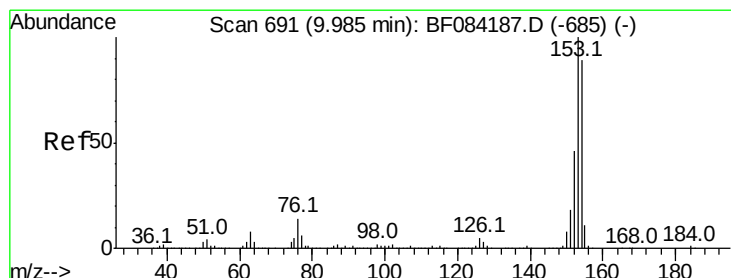
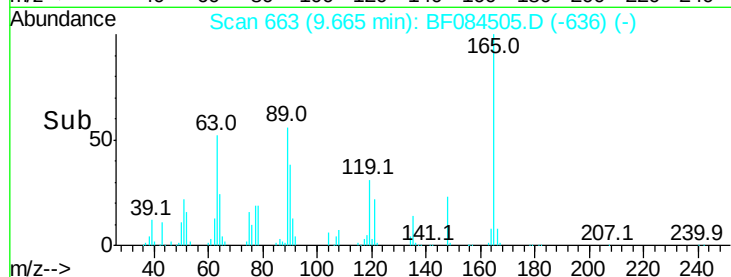
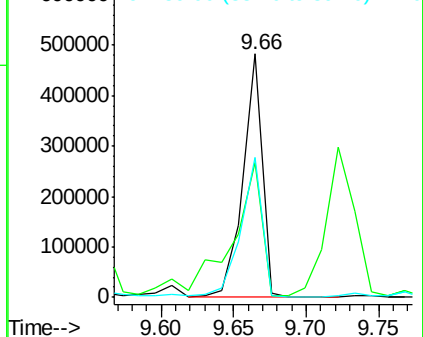
89 57.3 35.1 52.7#



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: 46.39 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

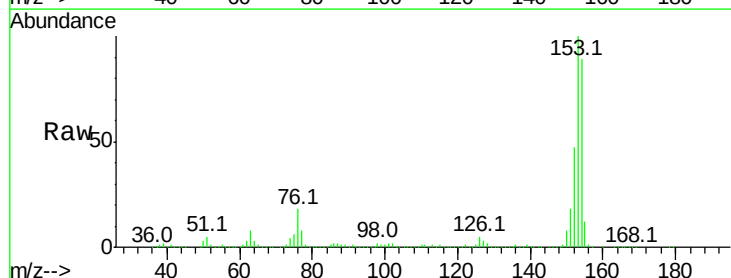
Tgt Ion:154 Resp: 1485302

Ion Ratio Lower Upper

154 100

153 112.4 91.5 137.3

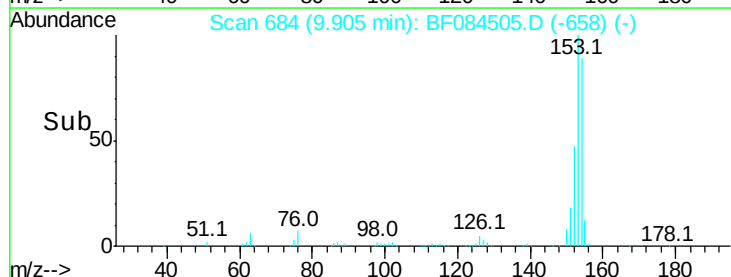
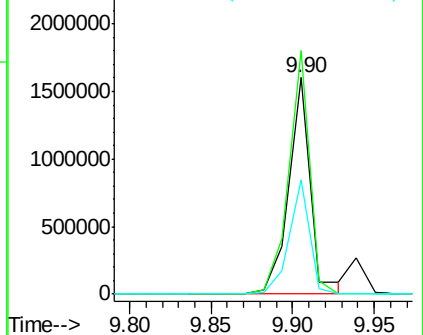
152 52.6 43.0 64.6

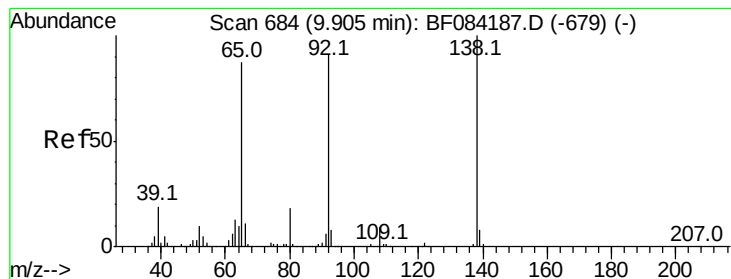


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 23.51 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampled :

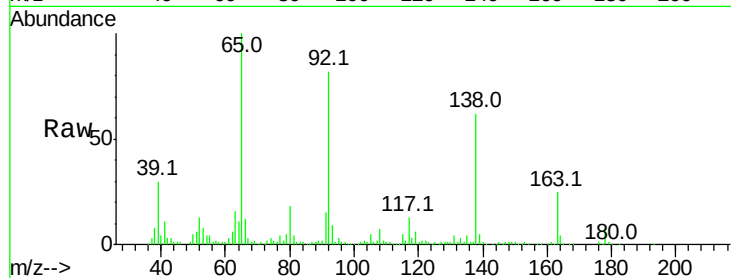
Tot Ion:138 Resp: 236375

Ion Ratio Lower Upper

138 100

108 11.9 10.5 15.7

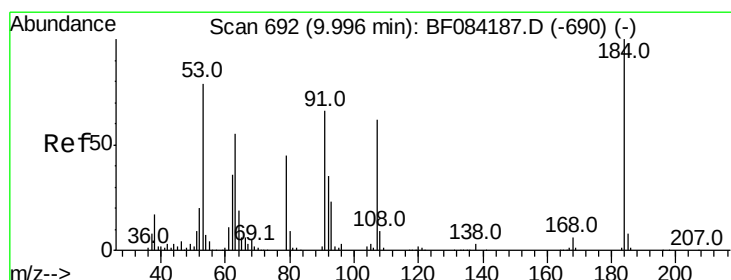
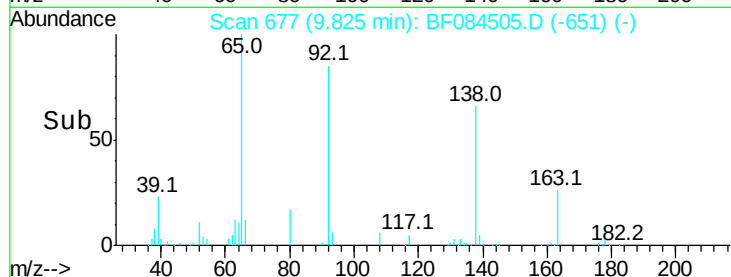
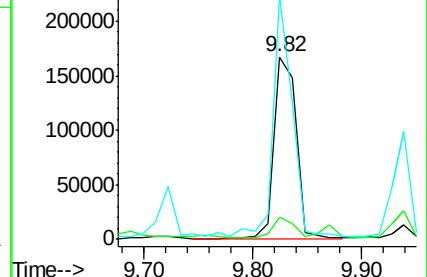
92 133.4 103.9 155.9



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: 112.10 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

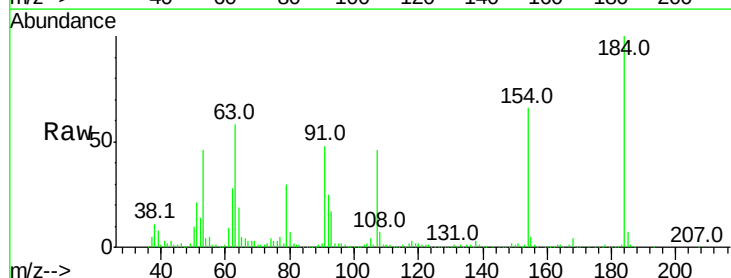
Tgt Ion:184 Resp: 392632

Ion Ratio Lower Upper

184 100

63 58.4 43.1 64.7

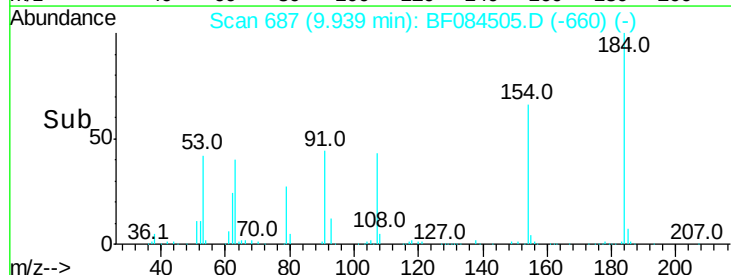
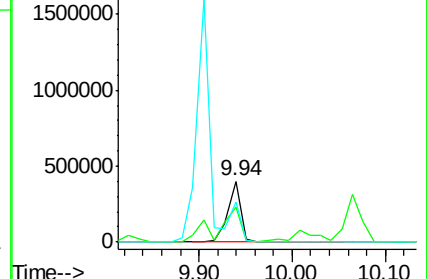
154 65.9 60.5 90.7

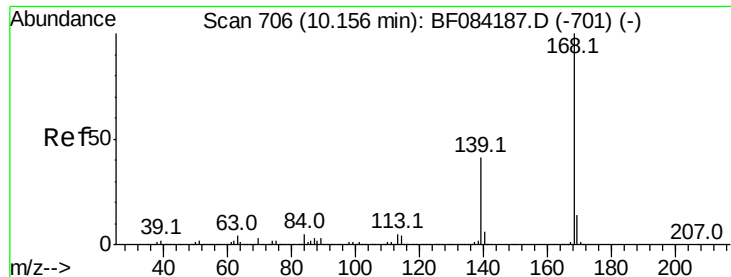


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

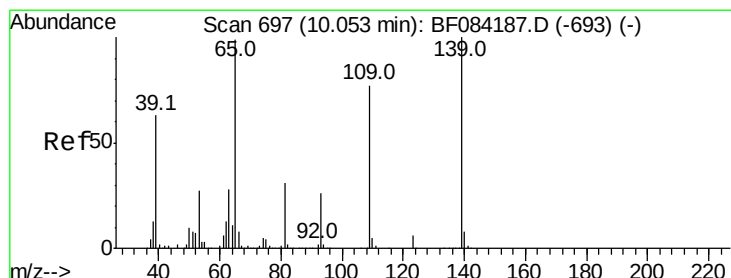
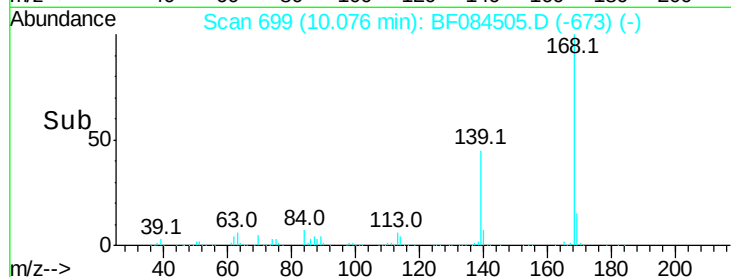
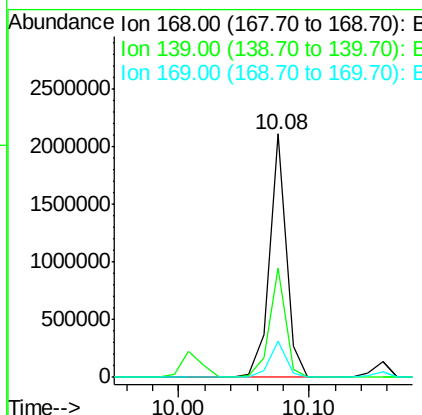
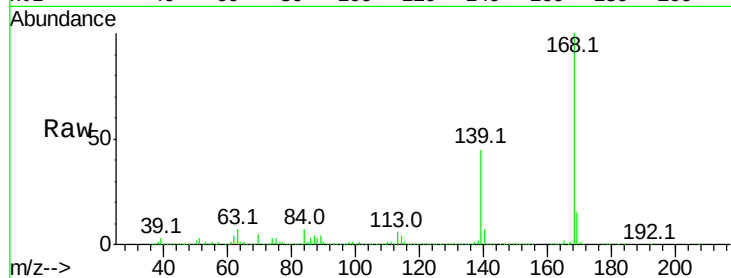




#54
Dibenzofuran
Concen: 46.08 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

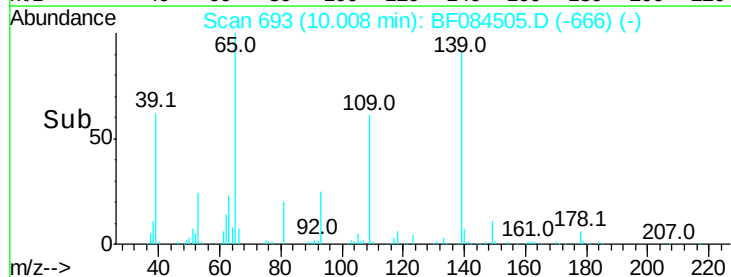
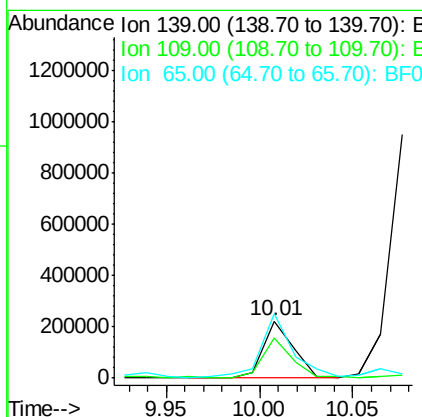
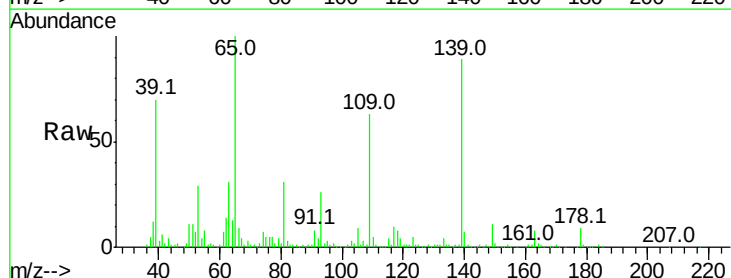
Instrument :
BNA_F
ClientSampleId :

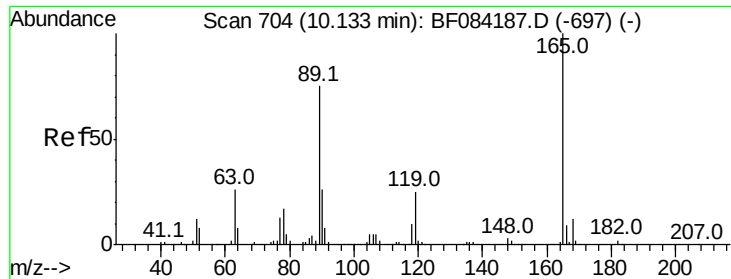
Tot Ion:168 Resp: 1907778
Ion Ratio Lower Upper
168 100
139 44.9 30.5 45.7
169 14.9 10.4 15.6



#55
4-Nitrophenol
Concen: 33.43 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Tgt Ion:139 Resp: 243948
Ion Ratio Lower Upper
139 100
109 71.0 58.5 98.5
65 112.5 57.6 97.6#

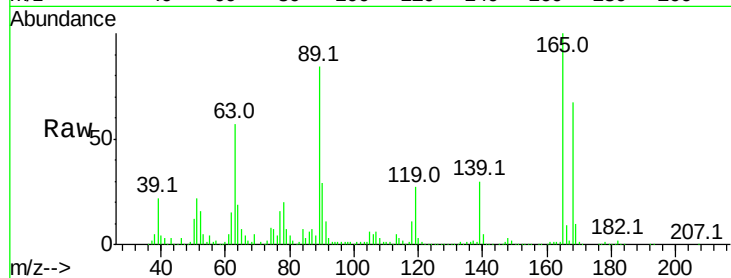




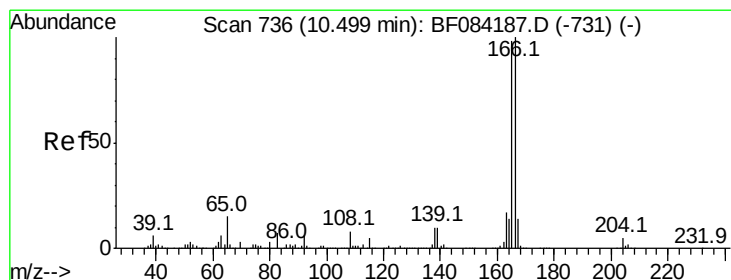
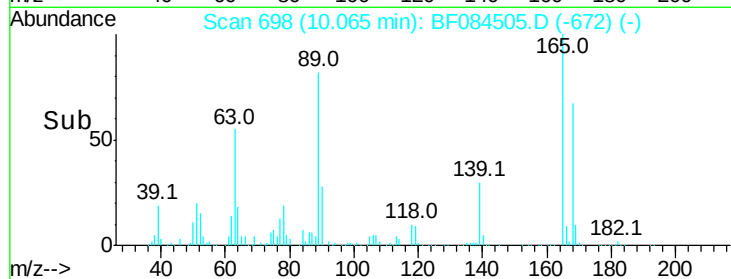
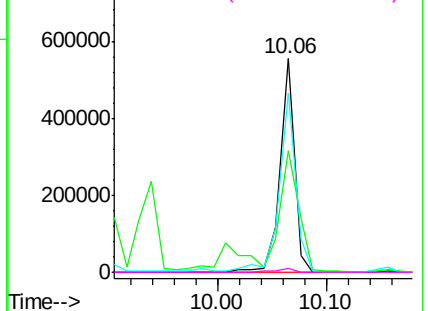
#56
2,4-Dinitrotoluene
Concen: 49.15 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 504732
Ion Ratio Lower Upper
165 100
63 57.2 36.7 55.1#
89 84.1 61.9 92.9
182 2.0 2.0 3.0

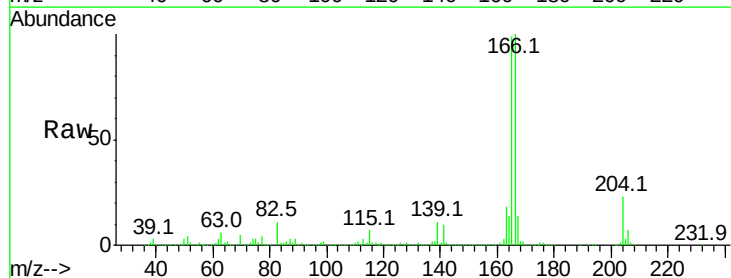


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

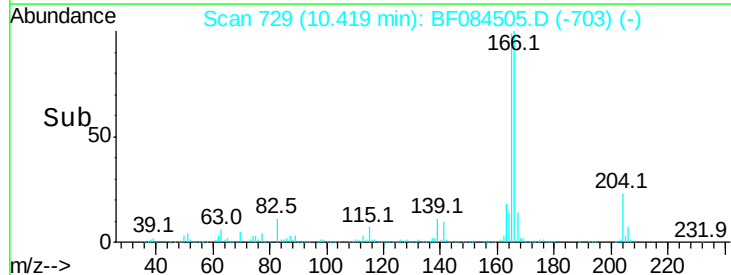
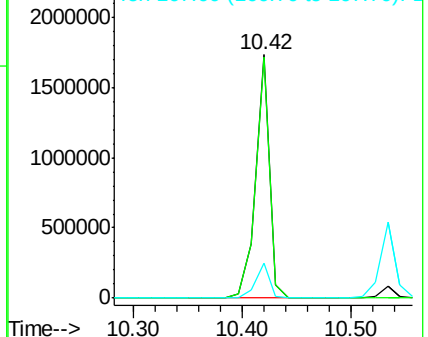


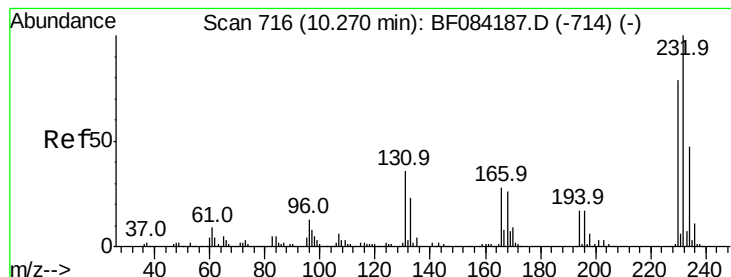
#57
Fluorene
Concen: 48.16 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Tgt Ion:166 Resp: 1538922
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 14.2 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: 49.88 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 454428

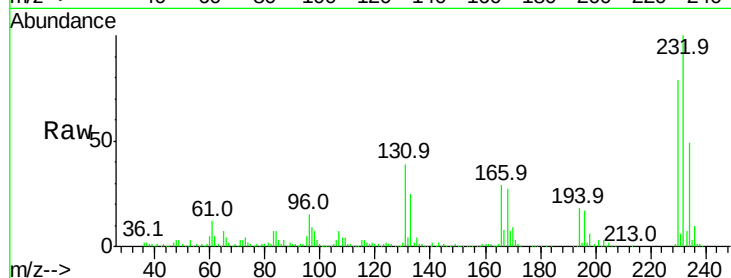
Ion Ratio Lower Upper

232 100

131 47.7 47.0 70.6

130 2.4 2.0 3.0

166 31.9 30.5 45.7

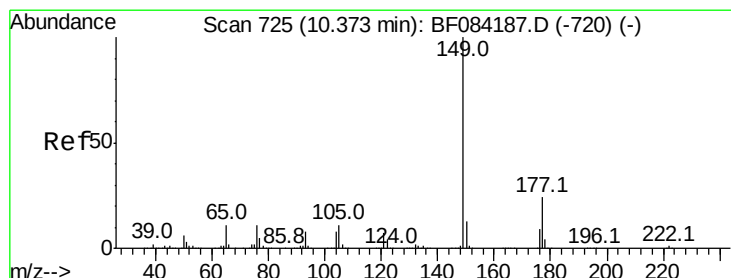
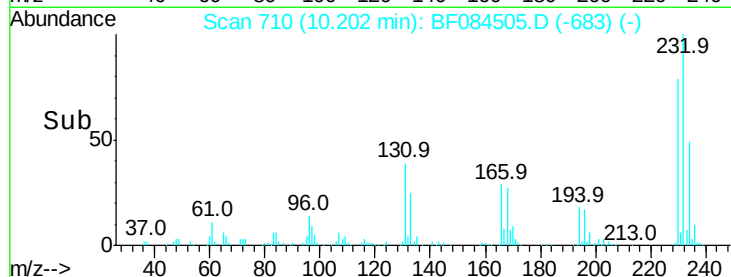
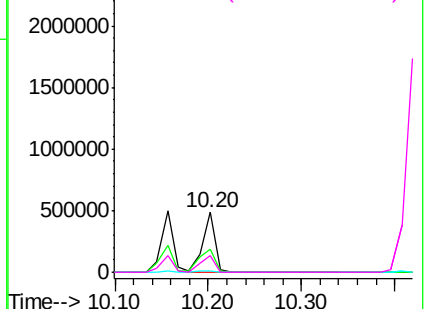


Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.31 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

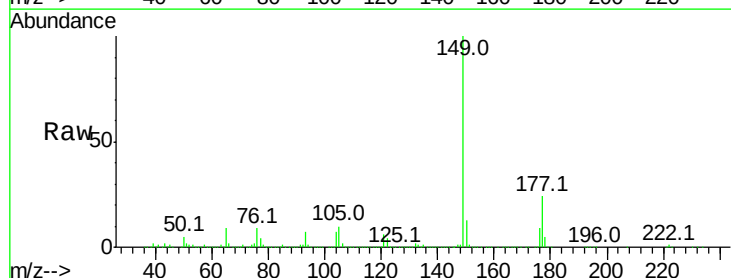
Tgt Ion:149 Resp: 1871565

Ion Ratio Lower Upper

149 100

177 24.3 17.3 25.9

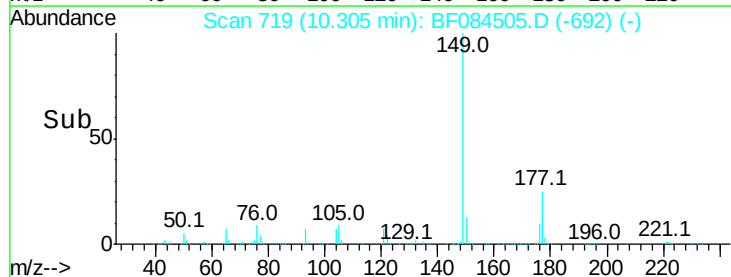
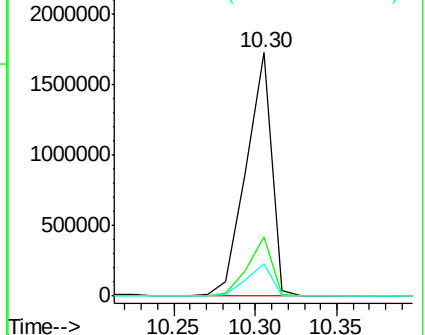
150 13.3 9.8 14.8

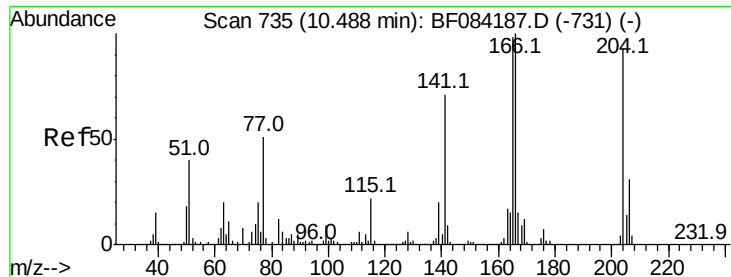


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 52.57 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampled :

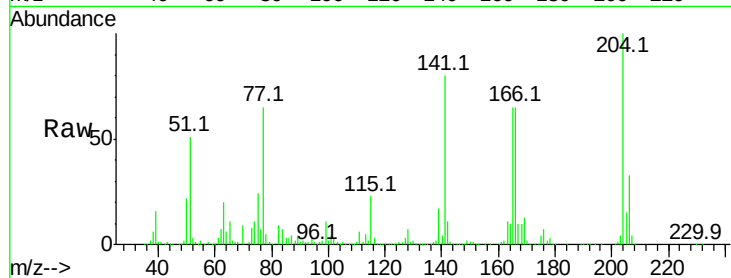
Tot Ion:204 Resp: 693166

Ion Ratio Lower Upper

204 100

206 32.8 25.7 38.5

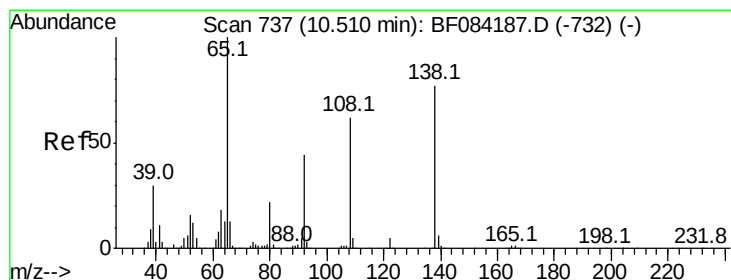
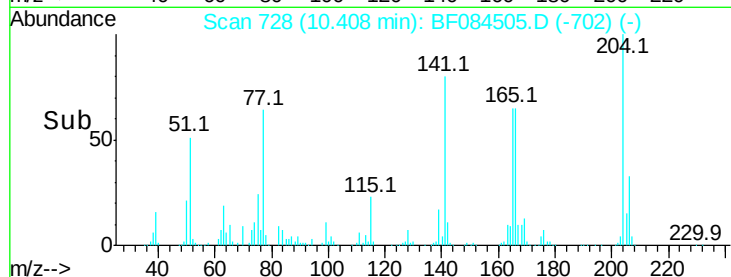
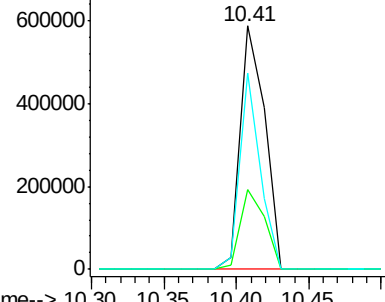
141 80.5 55.1 82.7



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: 42.51 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

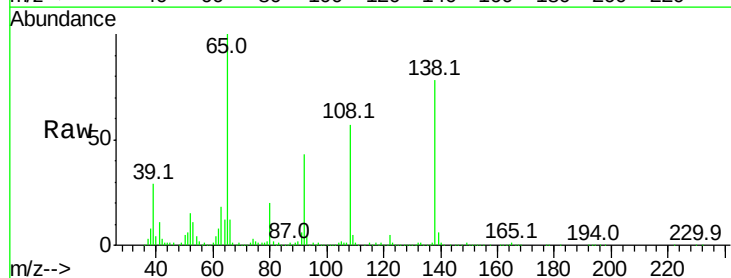
Tgt Ion:138 Resp: 381022

Ion Ratio Lower Upper

138 100

92 55.4 32.6 72.6

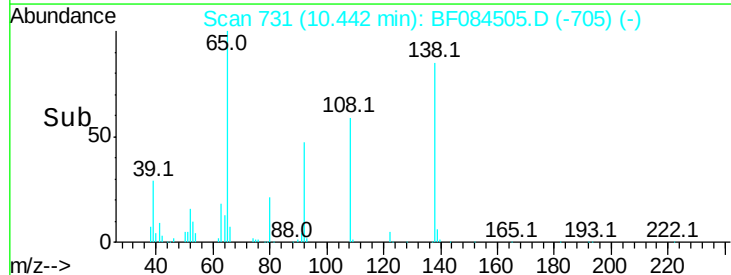
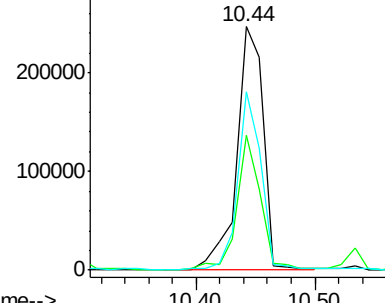
108 73.2 68.6 108.6

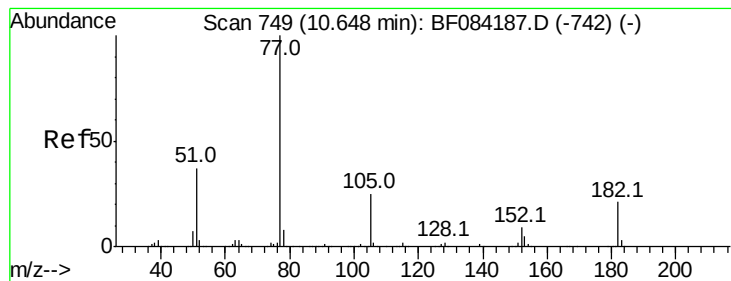


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 45.81 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1832693

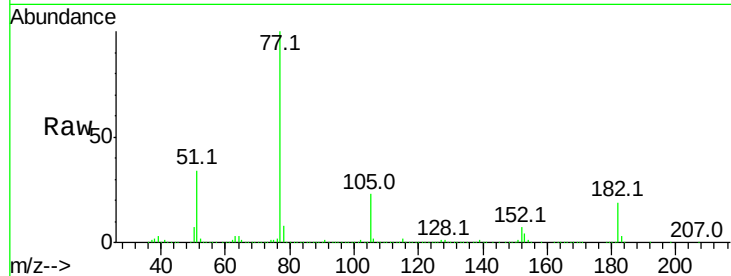
Ion	Ratio	Lower	Upper
77	100		
182	18.7	8.3	48.3
105	23.4	4.6	44.6
51	33.6	6.2	46.2

77 100

182 18.7 8.3 48.3

105 23.4 4.6 44.6

51 33.6 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

2500000

2000000

1500000

1000000

500000

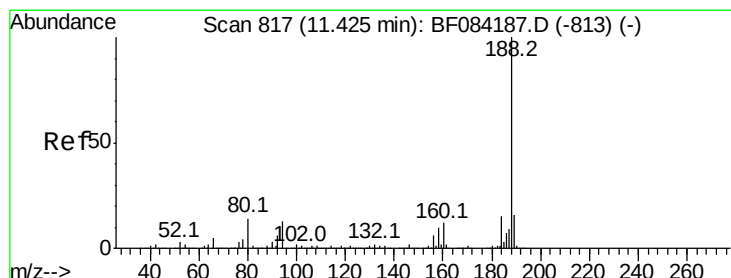
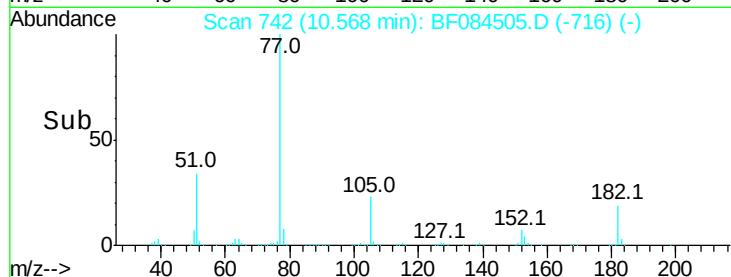
0

10.57

10.50

10.60

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

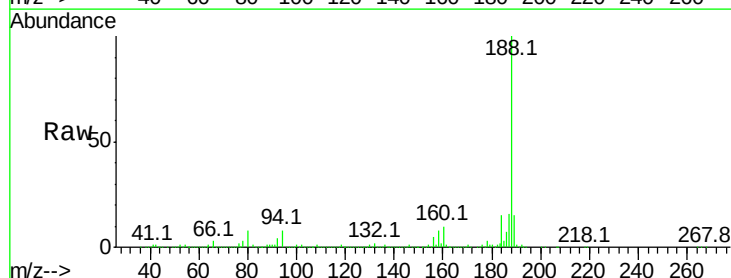
Tgt Ion: 188 Resp: 875875

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.0	13.4#
80	8.0	9.6	14.4#

188 100

94 7.9 9.0 13.4#

80 8.0 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

1000000

800000

600000

400000

200000

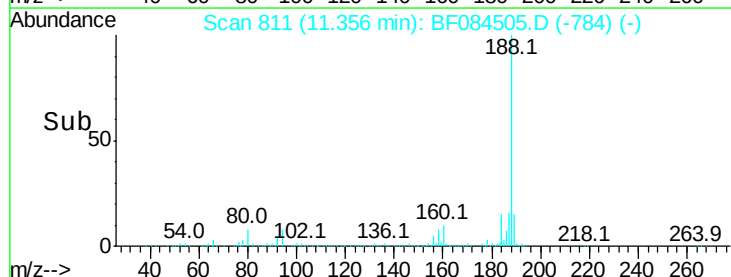
0

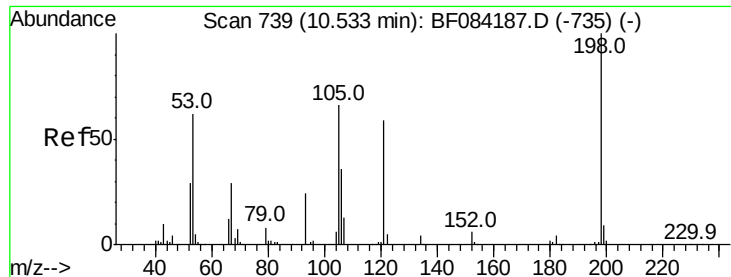
11.36

11.30

11.40

Time-->





#64

4,6-Dinitro-2-methylphenol

Concen: 52.72 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

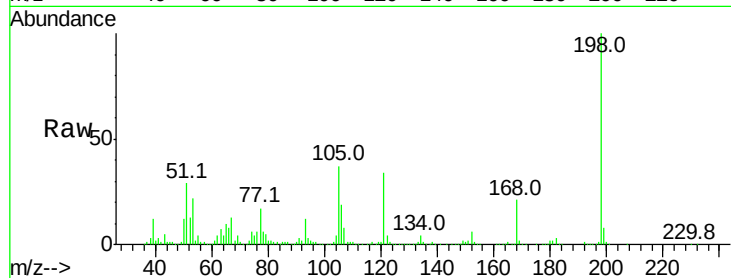
Tot Ion:198 Resp: 276715

Ion Ratio Lower Upper

198 100

51 29.4 18.9 58.9

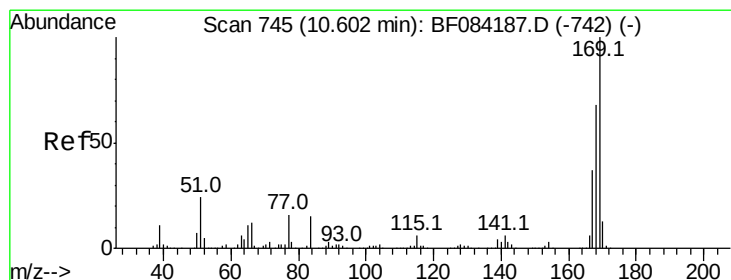
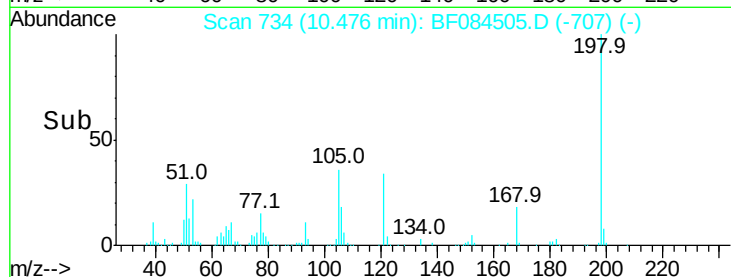
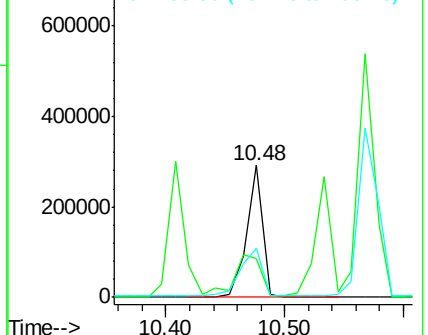
105 37.3 26.4 66.4



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: 49.20 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

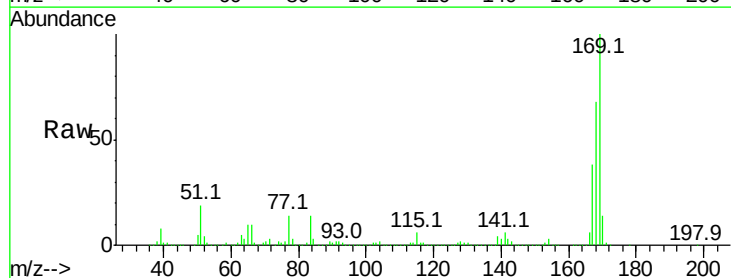
Tgt Ion:169 Resp: 1377856

Ion Ratio Lower Upper

169 100

168 68.2 55.1 82.7

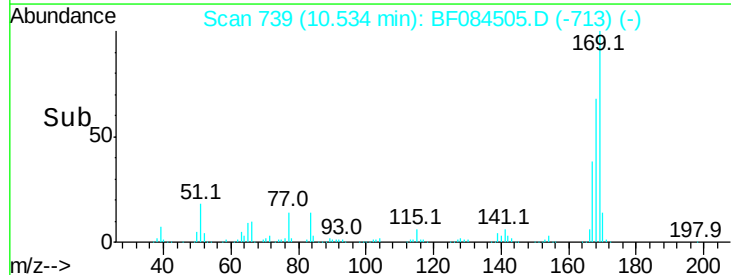
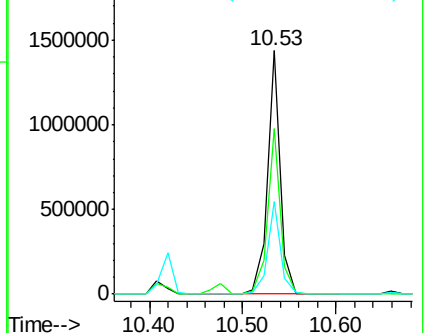
167 37.8 30.0 45.0

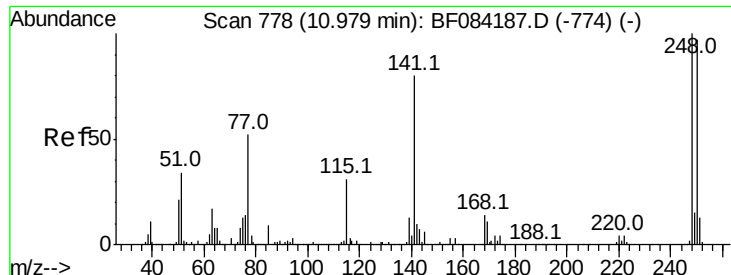


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

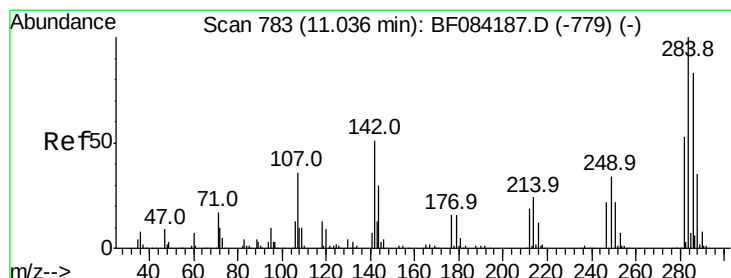
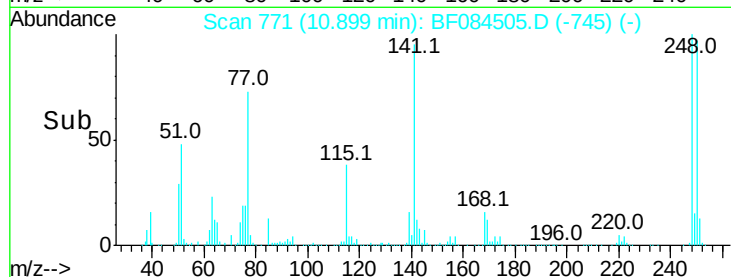
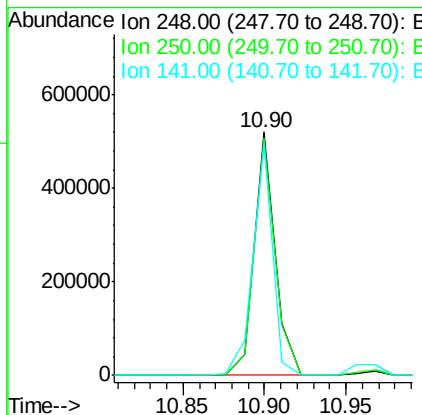
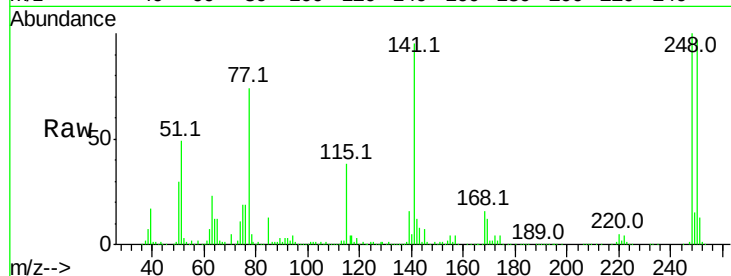




#66
 4-Bromophenyl-phenylether
 Concen: 49.28 ng
 RT: 10.90 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

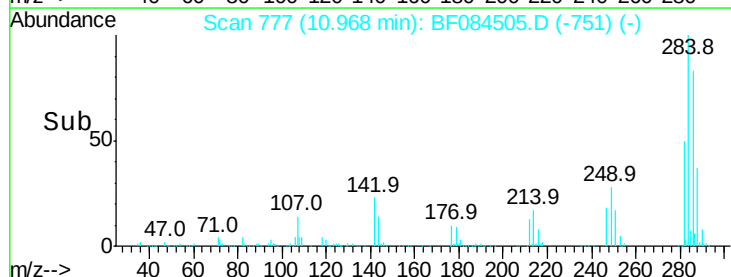
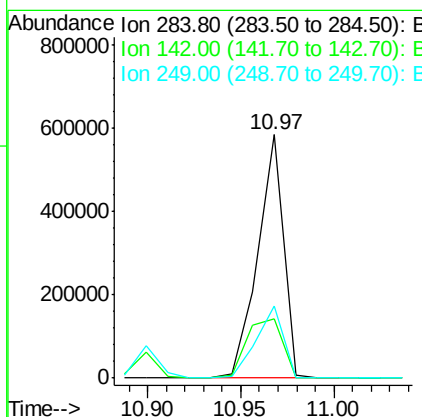
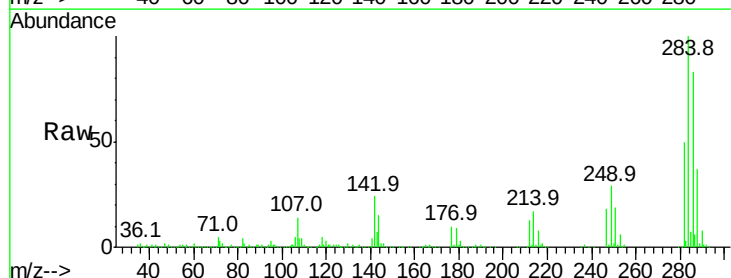
Instrument :
 BNA_F
 ClientSampleId :

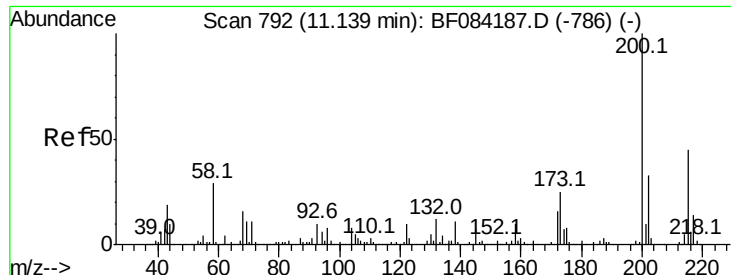
Tot Ion:248 Resp: 464618
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.4 117.6
 141 95.2 44.0 66.0#



#67
 Hexachlorobenzene
 Concen: 52.11 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

Tgt Ion:284 Resp: 552924
 Ion Ratio Lower Upper
 284 100
 142 24.5 22.2 33.4
 249 29.4 24.6 37.0

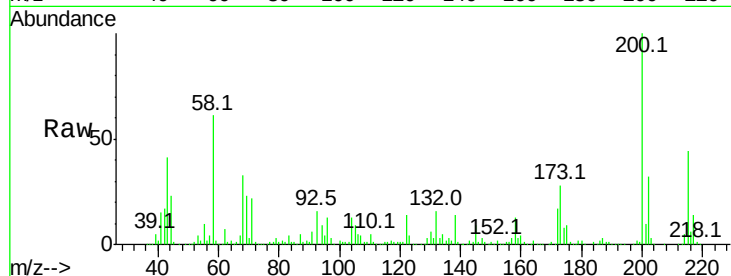




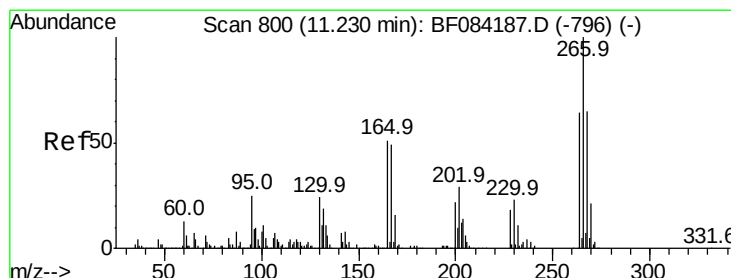
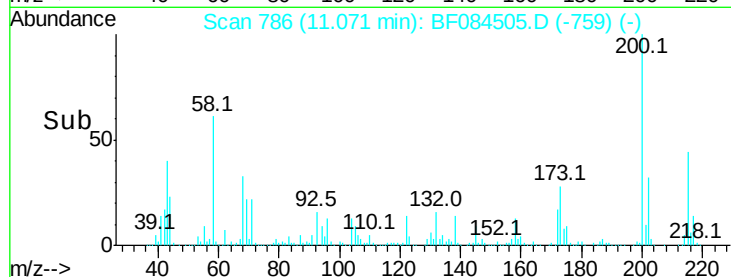
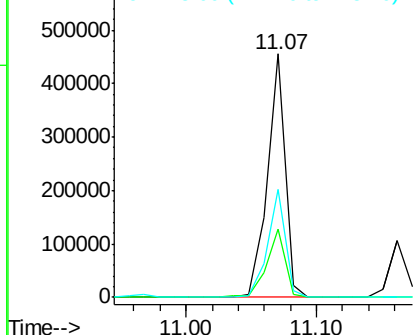
#68
Atrazine
Concen: 47.73 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 437451
Ion Ratio Lower Upper
200 100
173 28.2 9.5 49.5
215 44.1 23.8 63.8

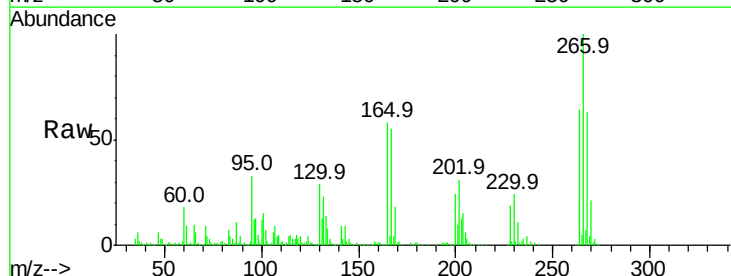


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

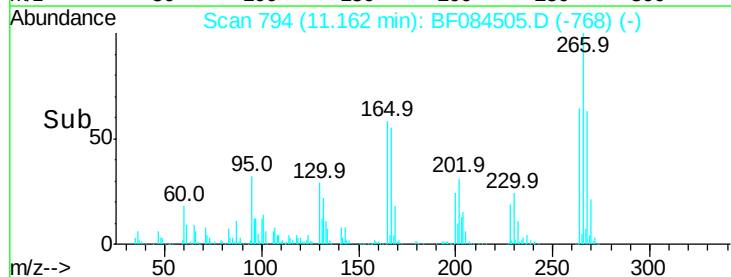
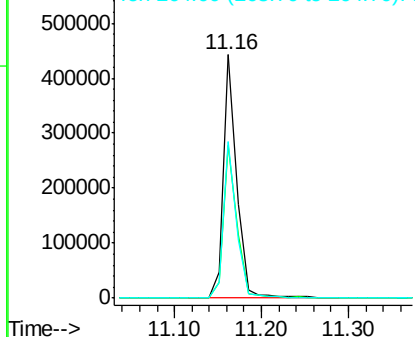


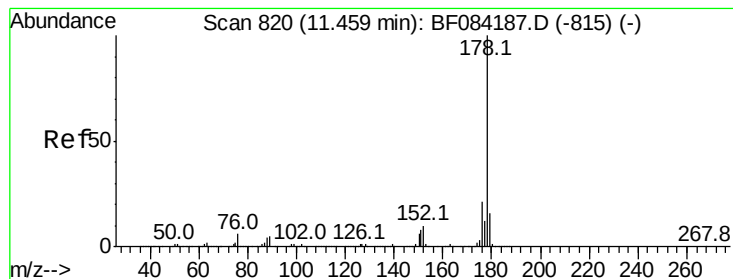
#69
Pentachlorophenol
Concen: 87.98 ng
RT: 11.16 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Tgt Ion:266 Resp: 484062
Ion Ratio Lower Upper
266 100
268 62.7 52.4 78.6
264 64.4 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: 48.93 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

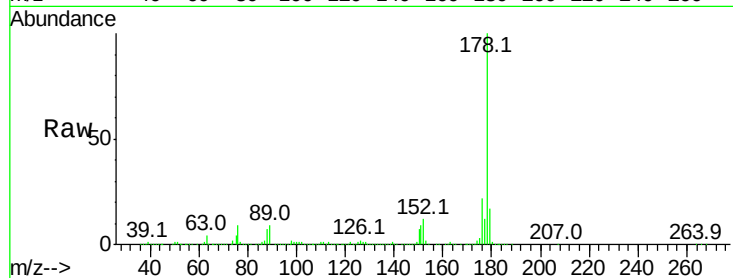
Tot Ion:178 Resp: 2241674

Ion Ratio Lower Upper

178 100

176 21.6 15.3 22.9

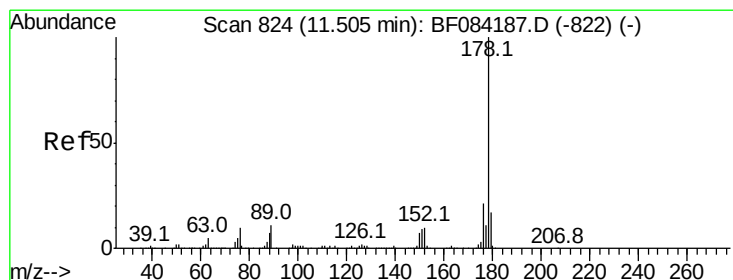
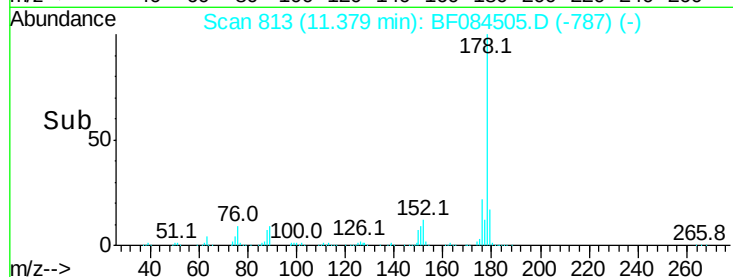
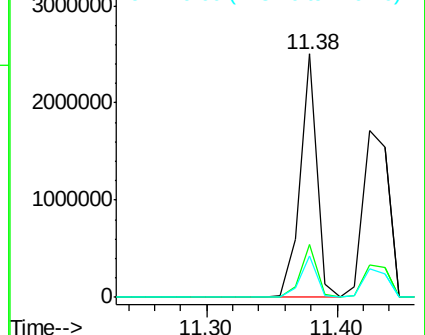
179 17.1 12.0 18.0



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: 51.92 ng

RT: 11.43 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

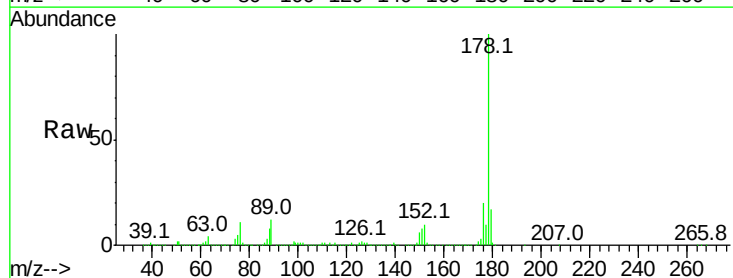
Tgt Ion:178 Resp: 2331697

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

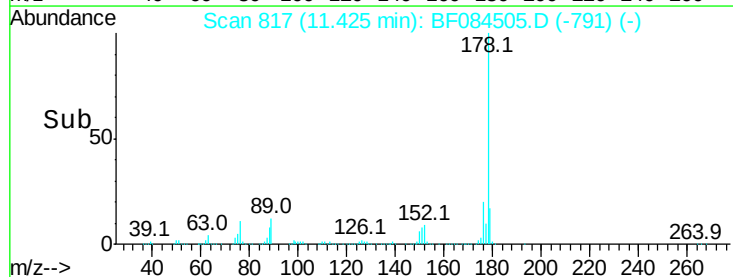
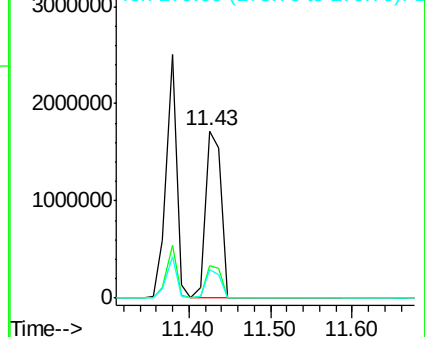
179 16.9 12.5 18.7

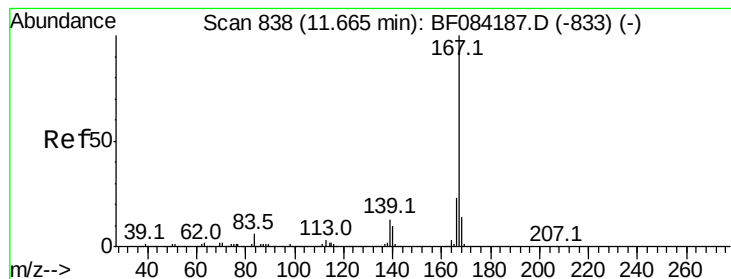


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 43.46 ng

RT: 11.59 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

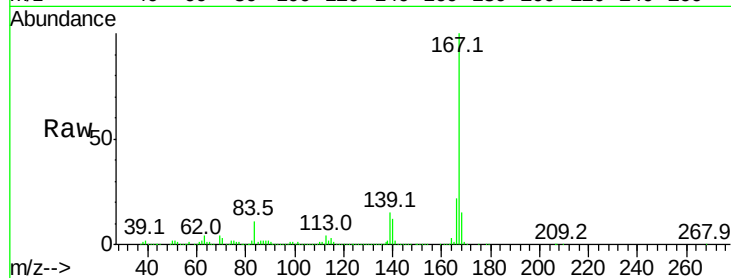
Tot Ion:167 Resp: 1908043

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

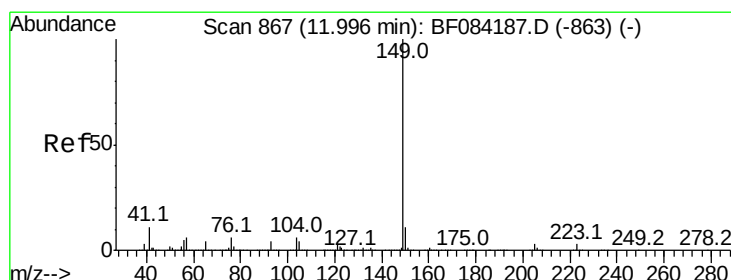
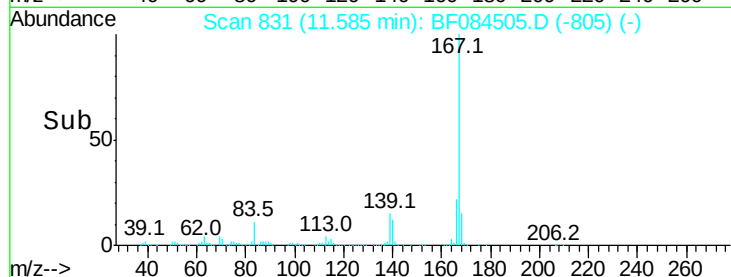
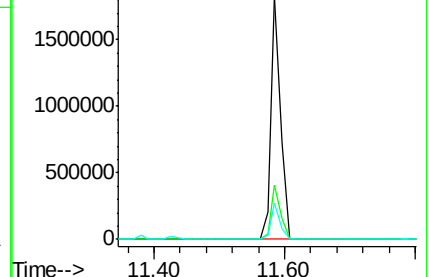
139 14.9 11.8 17.8



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: 56.42 ng

RT: 11.92 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

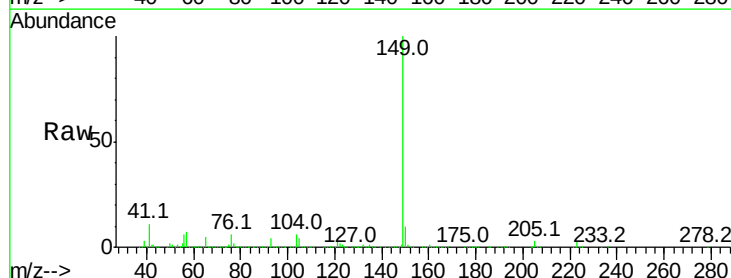
Tgt Ion:149 Resp: 2473049

Ion Ratio Lower Upper

149 100

150 10.4 7.1 10.7

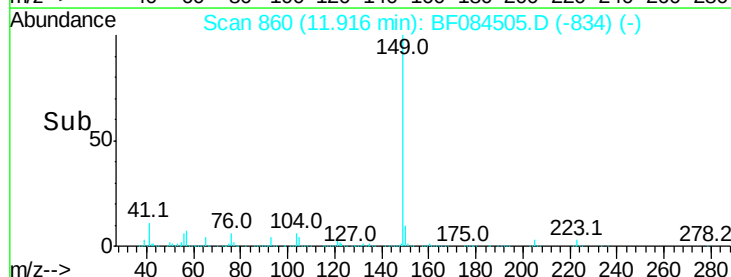
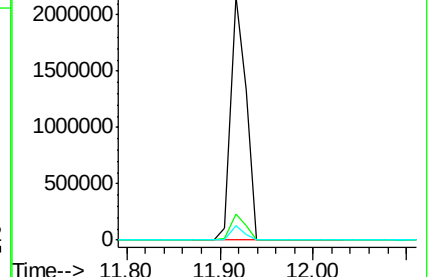
104 6.2 3.2 4.8#

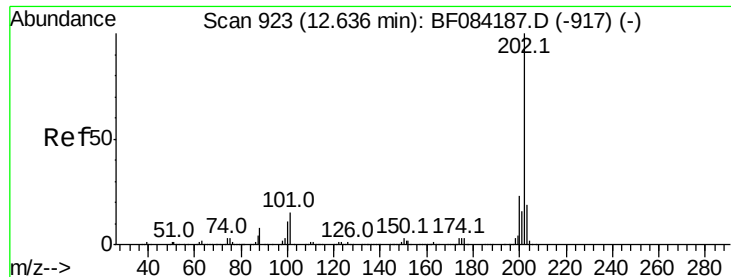


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 45.73 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampled :

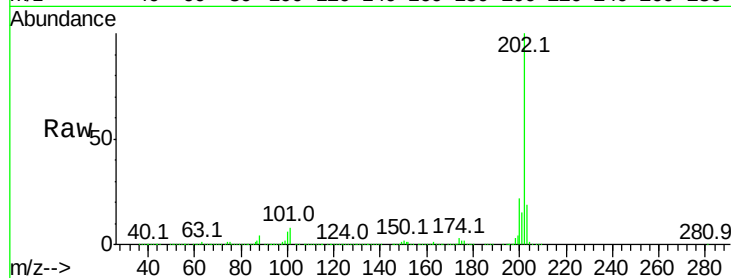
Tot Ion:202 Resp: 2188605

Ion Ratio Lower Upper

202 100

101 8.0 0.0 32.8

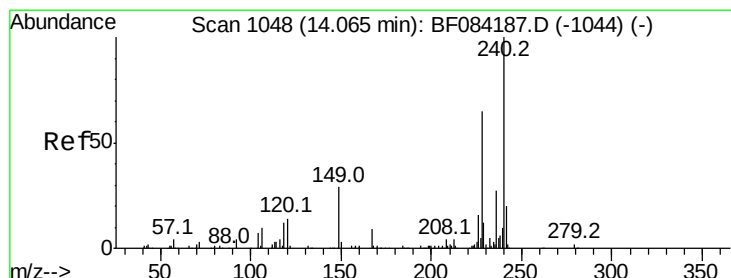
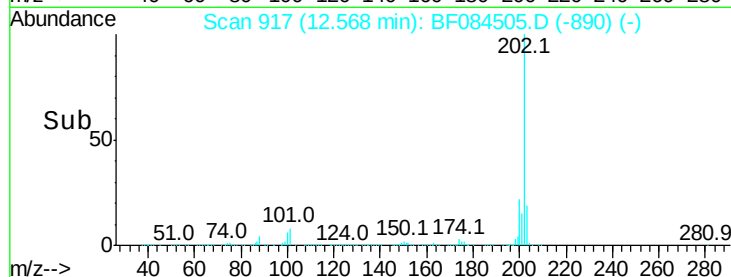
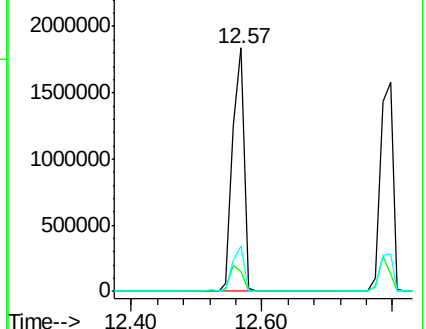
203 18.8 0.0 37.9



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: BF084505.D

Acq: 15 Jan 2016 21:54

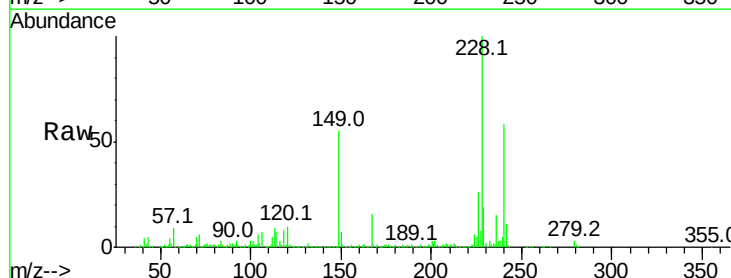
Tgt Ion:240 Resp: 497854

Ion Ratio Lower Upper

240 100

120 16.8 9.5 14.3#

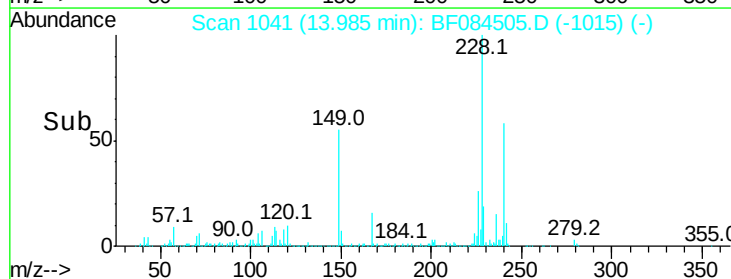
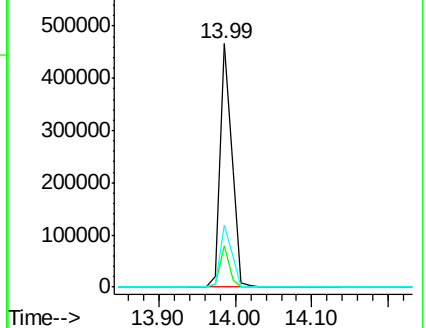
236 25.3 20.6 31.0

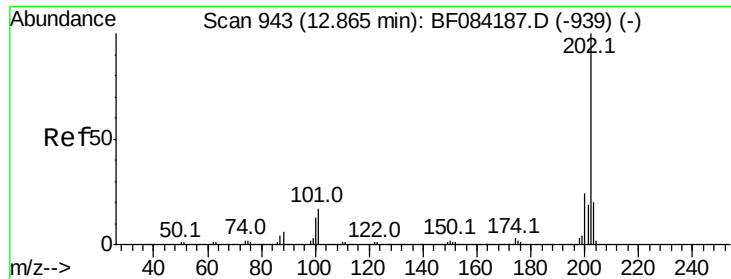


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 55.19 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

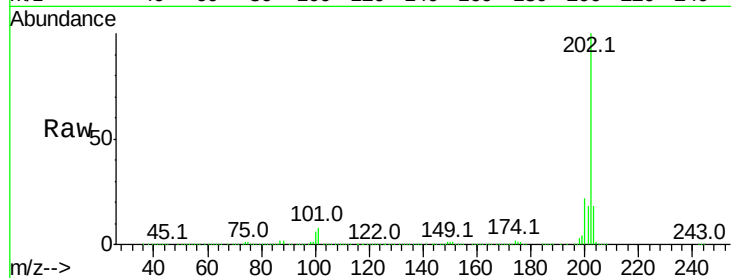
Tot Ion:202 Resp: 2156225

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

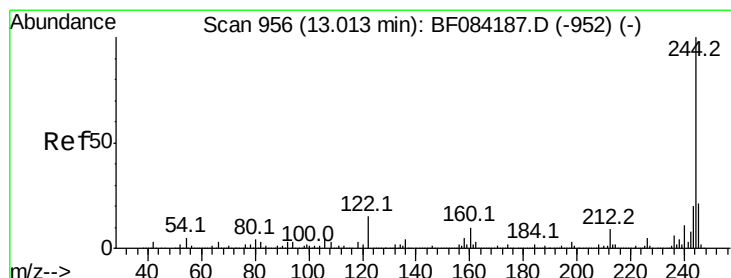
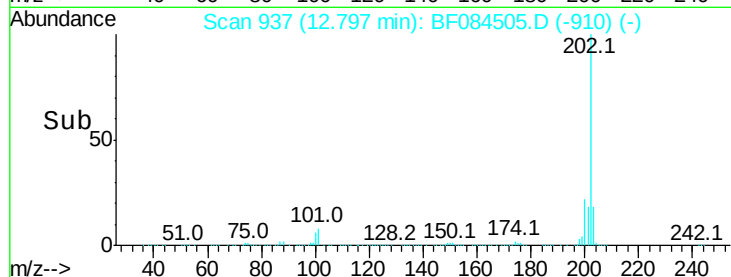
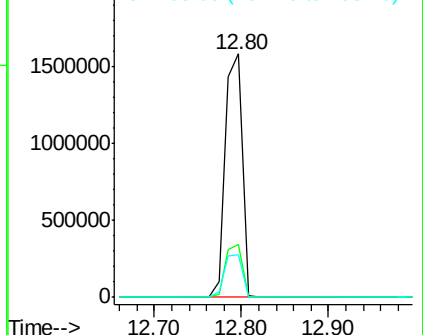
203 17.7 14.3 21.5



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: 108.84 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

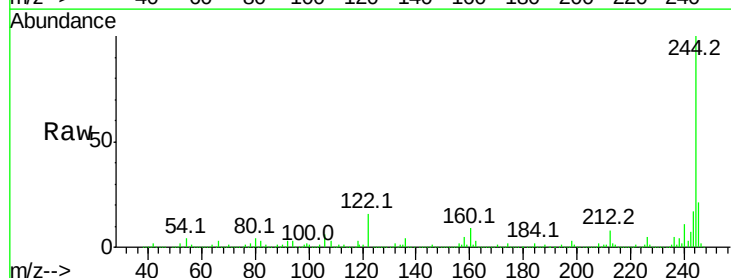
Tgt Ion:244 Resp: 2427406

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

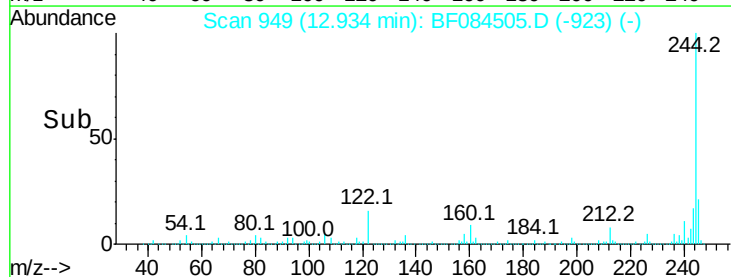
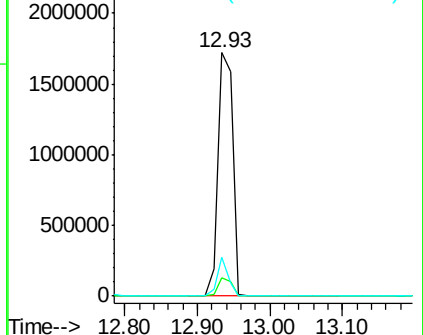
122 16.0 7.4 11.0#

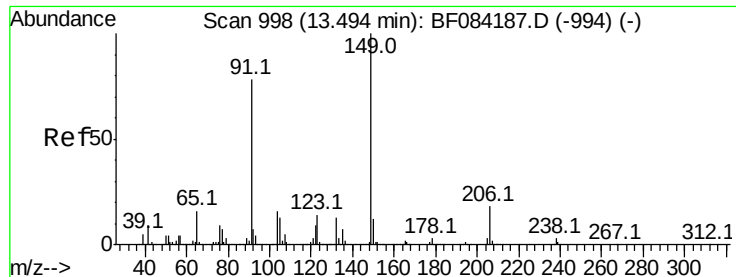


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 53.79 ng

RT: 13.41 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

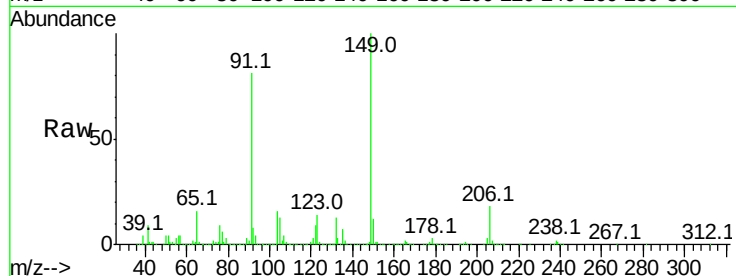
Tot Ion:149 Resp: 909362

Ion Ratio Lower Upper

149 100

91 80.6 57.6 86.4

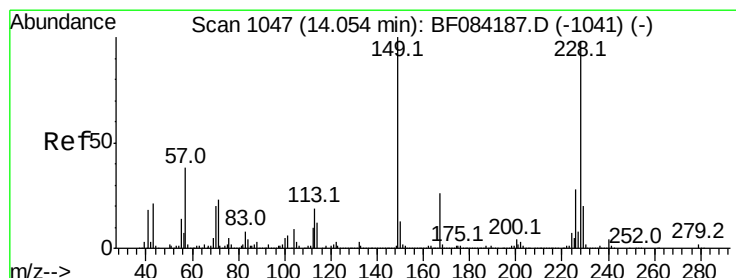
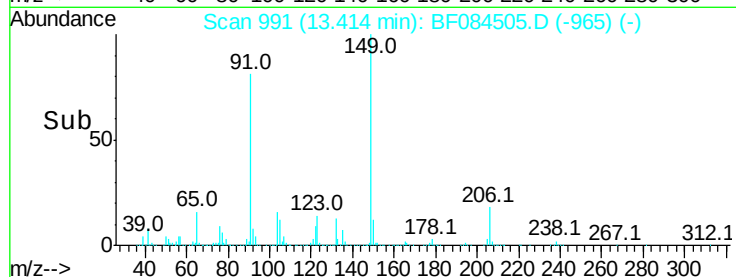
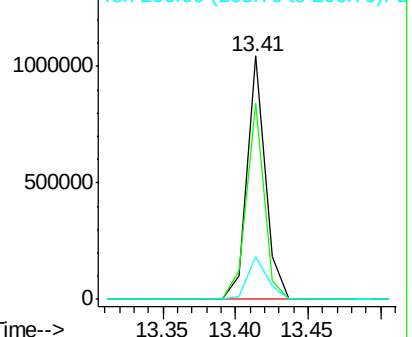
206 17.7 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.22 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

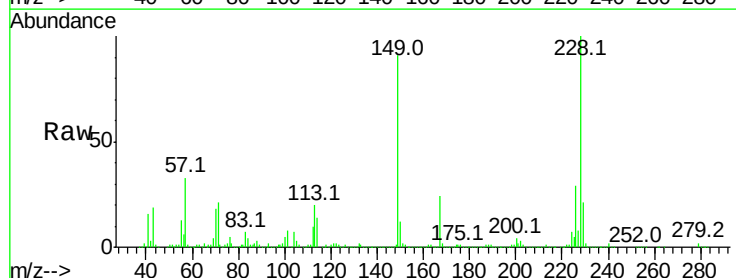
Tgt Ion:228 Resp: 1497348

Ion Ratio Lower Upper

228 100

226 28.6 21.8 32.6

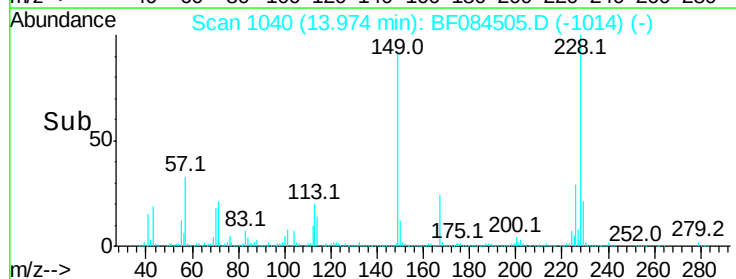
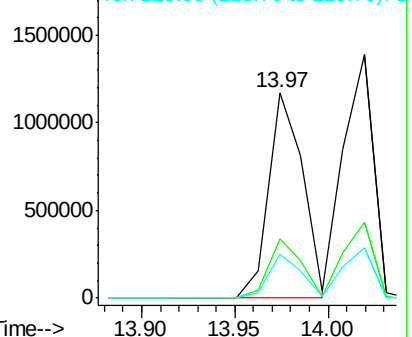
229 21.1 15.8 23.8

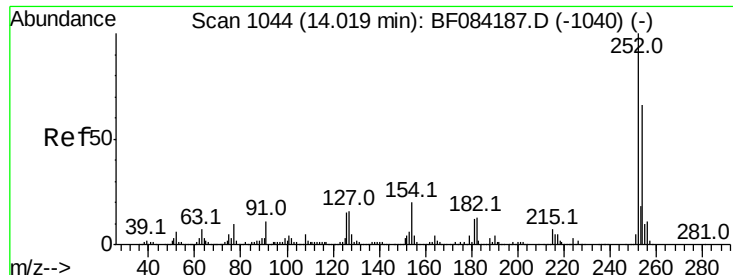


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

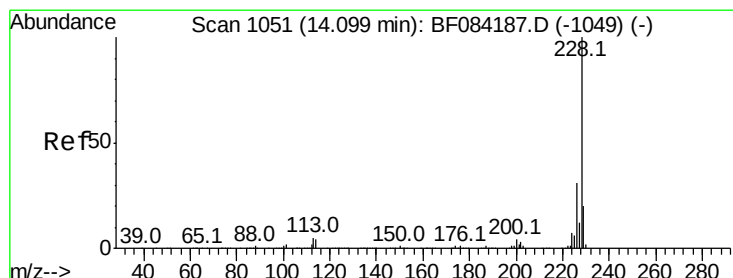
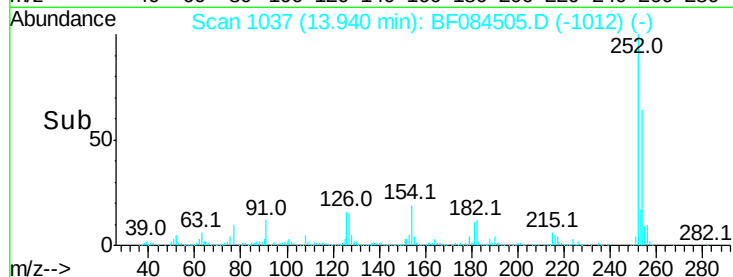
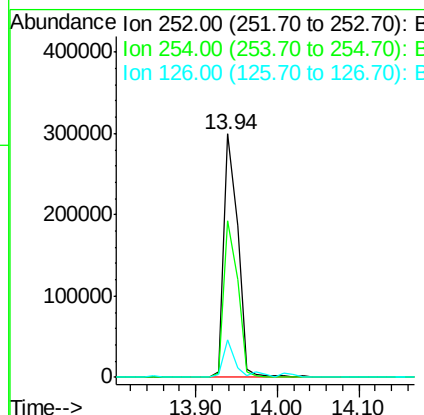
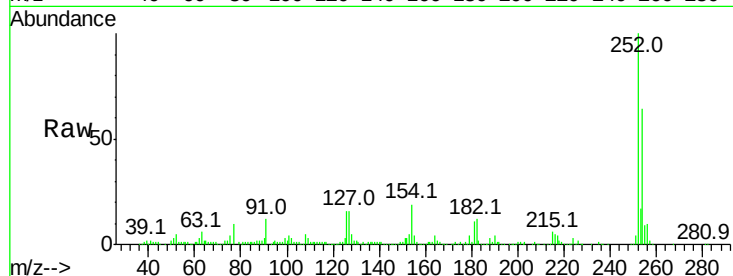




#81
 3,3'-Dichlorobenzidine
 Concen: 34.80 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

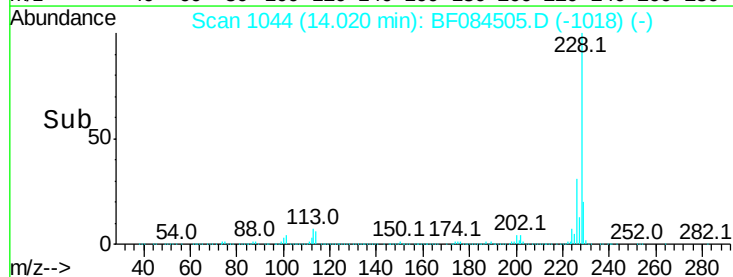
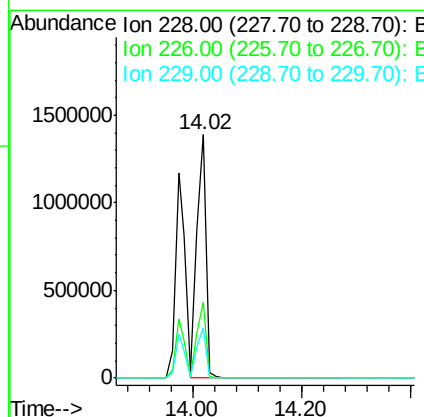
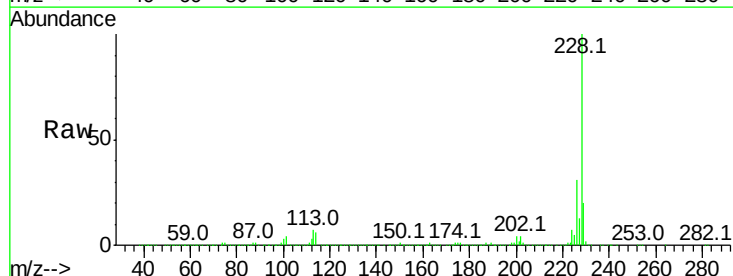
Instrument :
 BNA_F
 ClientSampleId :

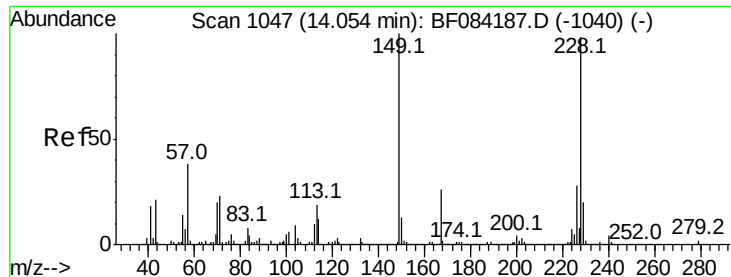
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	53.5	80.3
126	15.7	4.9	7.3#



#82
 Chrysene
 Concen: 56.27 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	20.5	16.1	24.1

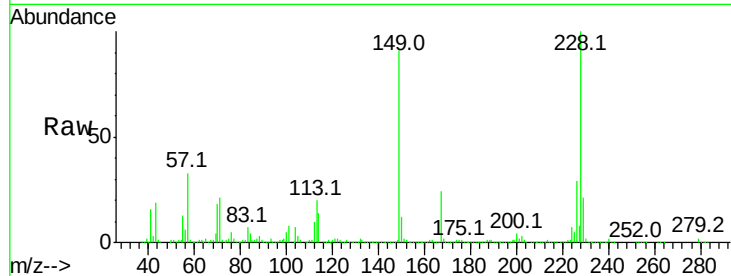




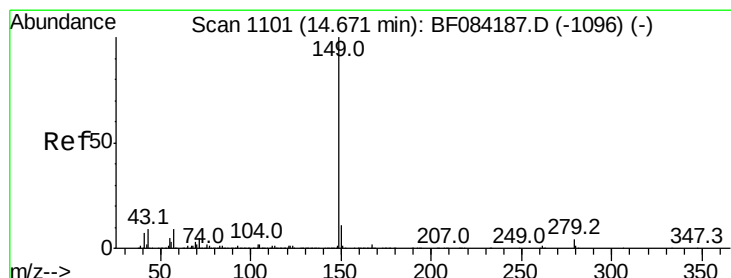
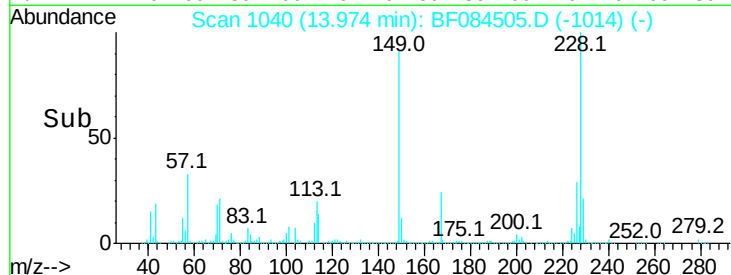
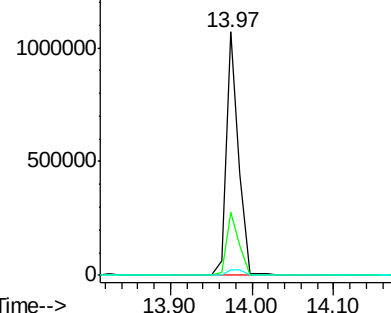
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.10 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1091353
 Ion Ratio Lower Upper
 149 100
 167 25.9 19.7 29.5
 279 2.1 1.8 2.6

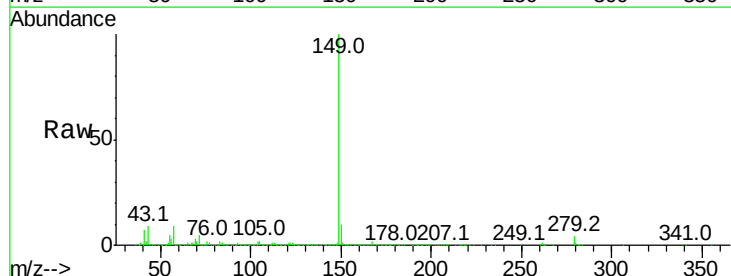


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

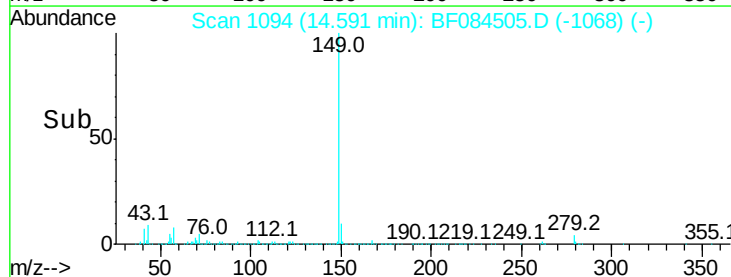
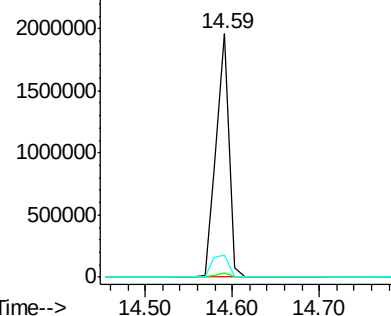


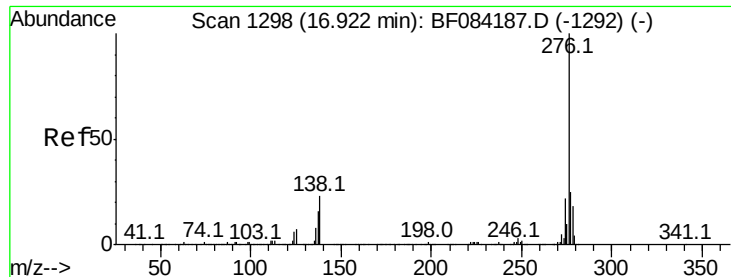
#84
 Di-n-octyl phthalate
 Concen: 55.73 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF084505.D
 Acq: 15 Jan 2016 21:54

Tgt Ion:149 Resp: 2009472
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.6 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

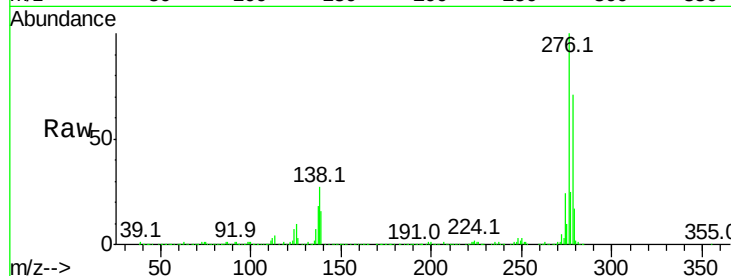




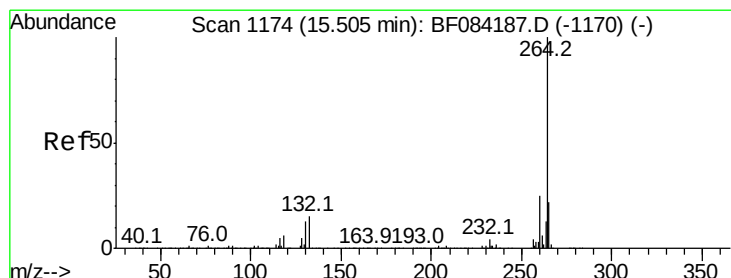
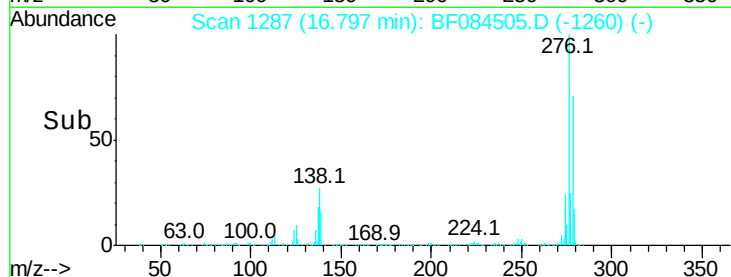
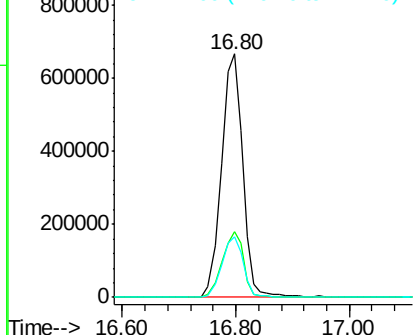
#85
Indeno(1,2,3-cd)pyrene
Concen: 78.51 ng
RT: 16.80 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1748194
Ion Ratio Lower Upper
276 100
138 27.4 20.6 30.8
277 25.2 20.1 30.1

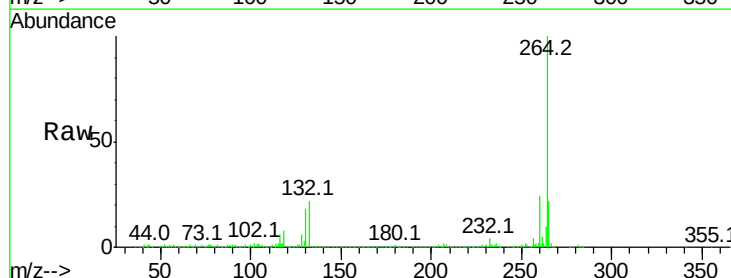


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

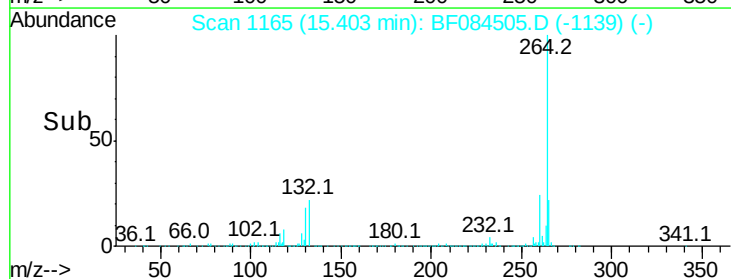
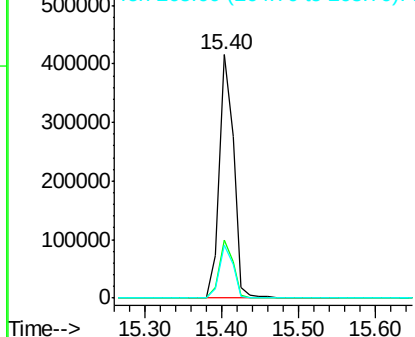


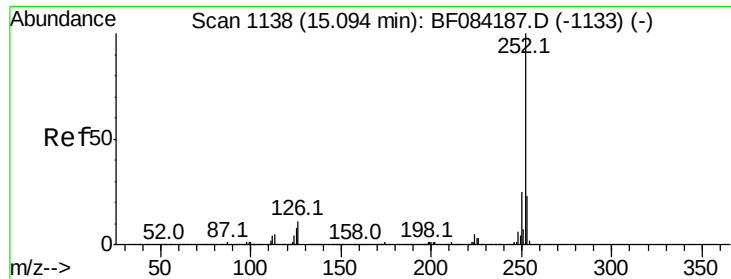
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Tgt Ion:264 Resp: 548296
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 21.7 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 89.85 ng

RT: 15.04 min Scan# 1133

Delta R.T. 0.03 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

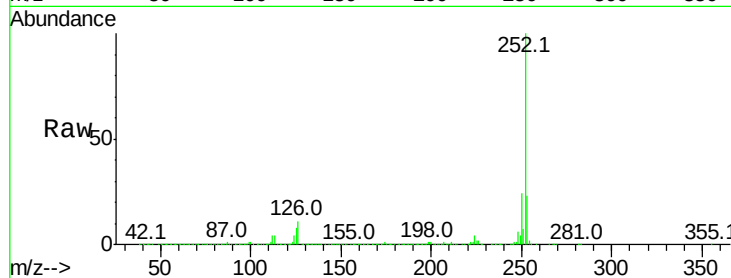
Tot Ion:252 Resp: 3222670

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

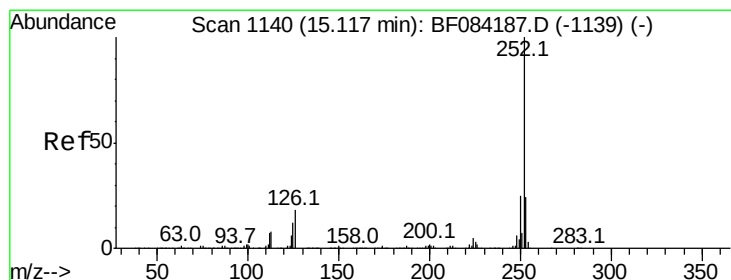
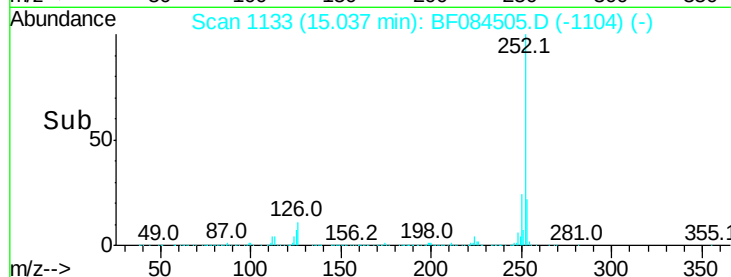
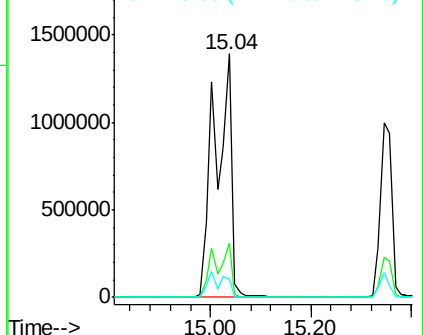
125 7.5 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 109.90 ng

RT: 15.04 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

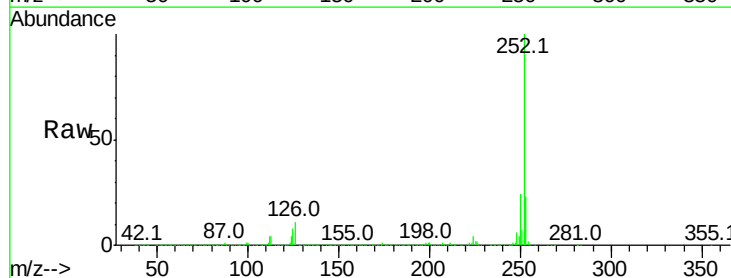
Tgt Ion:252 Resp: 3223795

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

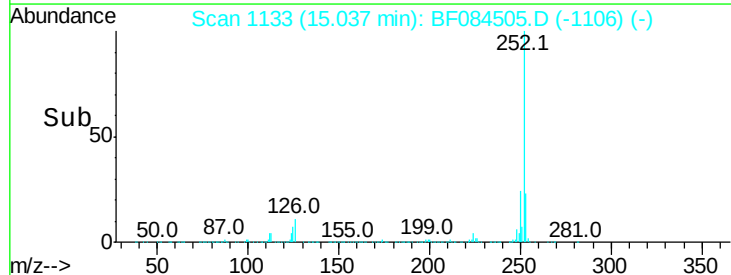
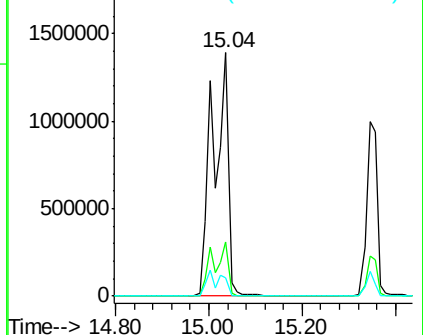
125 7.5 9.0 13.6#

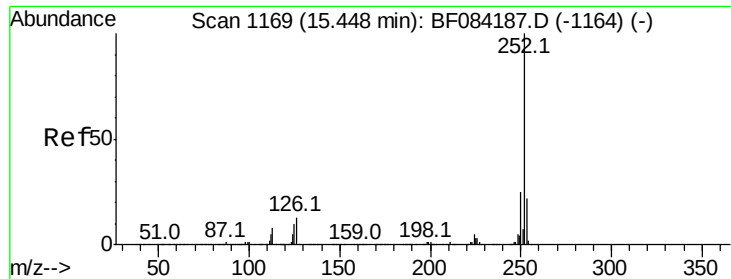


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

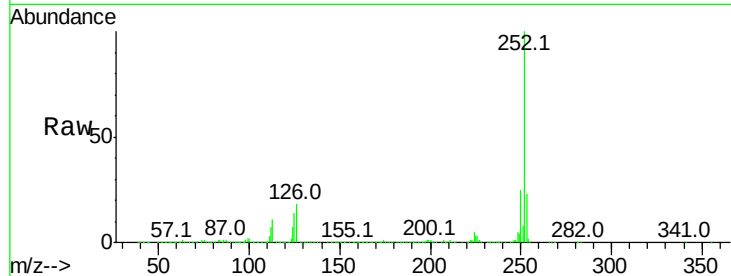




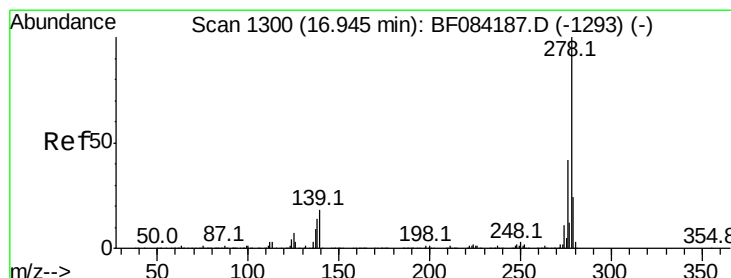
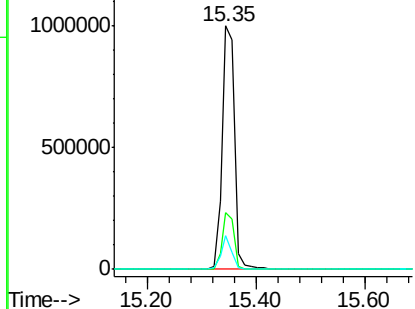
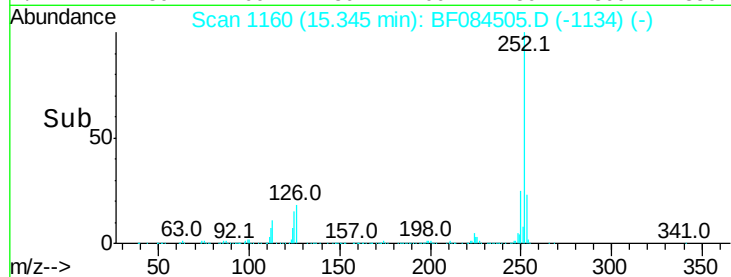
#89
Benzo(a)pyrene
Concen: 53.02 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1612897
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 14.1 7.0 10.4#

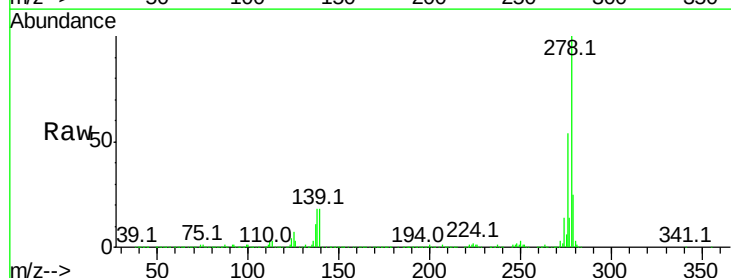


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

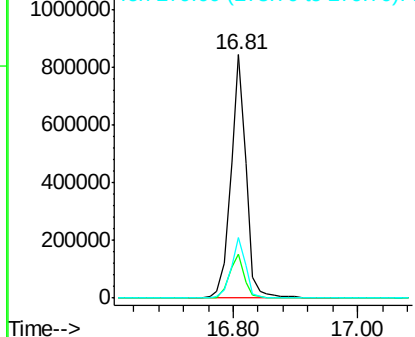
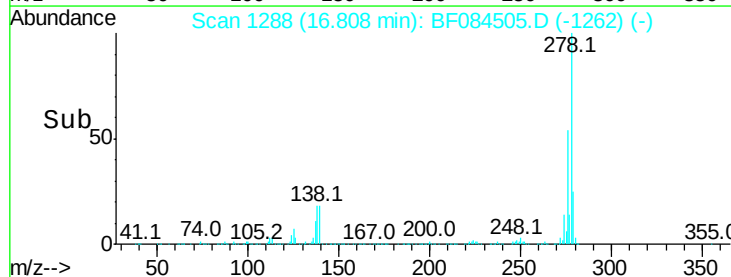


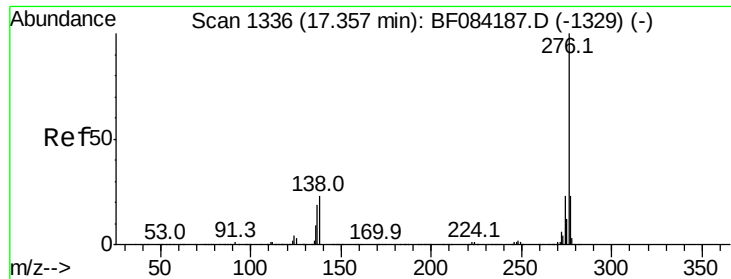
#90
Dibenzo(a,h)anthracene
Concen: 54.79 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF084505.D
Acq: 15 Jan 2016 21:54

Tgt Ion:278 Resp: 1434174
Ion Ratio Lower Upper
278 100
139 18.1 15.0 22.4
279 24.9 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: 53.40 ng

RT: 17.21 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF084505.D

Acq: 15 Jan 2016 21:54

Instrument :

BNA_F

ClientSampleId :

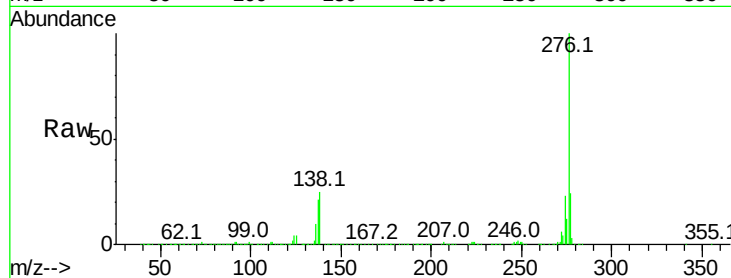
Tot Ion:276 Resp: 1447577

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 25.0 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

