

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085108.D
 Acq On : 2 Mar 2016 9:58
 Operator : SJ/IZ
 Sample : PB88623BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:34:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	207957	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	831681	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	413830	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	756422	20.00	ng	0.00
75) Chrysene-d12	14.16	240	593372	20.00	ng	0.00
86) Perylene-d12	15.62	264	490646	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1517945	118.50	ng	0.02
7) Phenol-d6	6.62	99	1897593	113.00	ng	0.00
23) Nitrobenzene-d5	7.55	82	1205681	77.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	498442	119.85	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1991657	70.88	ng	-0.01
78) Terphenyl-d14	13.10	244	1823635	72.10	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	207010	32.61	ng	99
3) Pyridine	3.56	79	540331	33.17	ng	100
4) n-Nitrosodimethylamine	3.52	42	283728	38.27	ng	95
6) Aniline	6.65	93	439623	18.45	ng	97
8) 2-Chlorophenol	6.78	128	614390	41.61	ng	93
9) Benzaldehyde	6.54	77	62313	4.86	ng	87
10) Phenol	6.63	94	855988	45.56	ng	92
11) bis(2-Chloroethyl)ether	6.72	93	528148	35.46	ng	91
12) 1,3-Dichlorobenzene	7.16	146	600533	37.87	ng	99
13) 1,4-Dichlorobenzene	7.00	146	588978	36.44	ng	98
14) 1,2-Dichlorobenzene	7.16	146	600554	42.20	ng	95
15) Benzyl Alcohol	7.13	79	570951	46.64	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	819493	37.34	ng	100
17) 2-Methylphenol	7.23	107	481203	38.90	ng	99
18) Hexachloroethane	7.51	117	241245	40.38	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	459300	41.50	ng	96
20) 3+4-Methylphenols	7.39	107	652539	44.14	ng	# 77
22) Acetophenone	7.39	105	818052	39.10	ng	# 90
24) Nitrobenzene	7.56	77	636726	39.27	ng	98
25) Isophorone	7.82	82	1204782	40.29	ng	95
26) 2-Nitrophenol	7.88	139	266662	36.78	ng	# 72
27) 2,4-Dimethylphenol	7.92	122	555886	39.55	ng	93
28) bis(2-Chloroethoxy)methane	8.02	93	755855	45.83	ng	99
29) 2,4-Dichlorophenol	8.12	162	470848	40.72	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	525946	41.73	ng	99
31) Naphthalene	8.30	128	1632424	38.81	ng	100
32) Benzoic acid	8.02	122	237123	33.99	ng	99
33) 4-Chloroaniline	8.34	127	179533	10.80	ng	# 91
34) Hexachlorobutadiene	8.41	225	291546	39.87	ng	99
35) Caprolactam	8.71	113	100948	27.82	ng	96
36) 4-Chloro-3-methylphenol	8.82	107	553951	43.33	ng	94
37) 2-Methylnaphthalene	8.99	142	1172805	45.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	440696	34.58	ng	98
40) Hexachlorocyclopentadiene	9.14	237	586666	80.85	ng	98

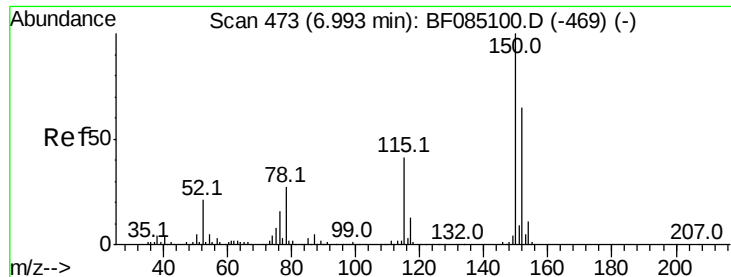
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
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 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	355144	41.39	nq	97
43) 2,4,5-Trichlorophenol	9.30	196	331109	40.27	nq	98
45) 1,1'-Biphenyl	9.45	154	1264306	34.42	nq	97
46) 2-Chloronaphthalene	9.47	162	1003757	37.46	nq	94
47) 2-Nitroaniline	9.56	65	295983	35.19	nq	# 71
48) Acenaphthylene	9.90	152	1591770	39.98	nq	99
49) Dimethylphthalate	9.75	163	1155690	37.66	nq	100
50) 2,6-Dinitrotoluene	9.82	165	277075	43.54	nq	# 69
51) Acenaphthene	10.07	154	1090760	43.63	nq	100
52) 3-Nitroaniline	9.98	138	140745	18.62	nq	95
53) 2,4-Dinitrophenol	10.08	184	180932	65.32	nq	# 10
54) Dibenzofuran	10.24	168	1417912	43.69	nq	98
55) 4-Nitrophenol	10.14	139	509359	87.83	nq	# 75
56) 2,4-Dinitrotoluene	10.22	165	381100	44.45	nq	89
57) Fluorene	10.58	166	1091781	42.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	306784	49.25	nq	97
59) Diethylphthalate	10.46	149	1191268	40.51	nq	100
60) 4-Chlorophenyl-phenylether	10.57	204	513941	39.07	nq	97
61) 4-Nitroaniline	10.59	138	258366	36.47	nq	85
62) Azobenzene	10.73	77	1305035	43.92	nq	99
64) 4,6-Dinitro-2-methylphenol	10.62	198	151022	35.44	nq	# 47
65) n-Nitrosodiphenylamine	10.68	169	921319	38.65	nq	98
66) 4-Bromophenyl-phenylether	11.06	248	340622	42.89	nq	93
67) Hexachlorobenzene	11.13	284	392198	43.74	nq	# 91
68) Atrazine	11.21	200	298199	41.00	nq	99
69) Pentachlorophenol	11.32	266	421745	80.16	nq	97
70) Phenanthrene	11.54	178	1560576	41.48	nq	99
71) Anthracene	11.60	178	1662212	39.34	nq	97
72) Carbazole	11.75	167	1593797	43.34	nq	98
73) Di-n-butylphthalate	12.08	149	1799119	41.11	nq	99
74) Fluoranthene	12.73	202	1772446	42.92	nq	97
76) Benzidine	12.85	184	484833	27.03	nq	99
77) Pyrene	12.96	202	1764168	43.55	nq	99
79) Butylbenzylphthalate	13.58	149	731364	42.64	nq	98
80) Benzo(a)anthracene	14.15	228	1469529	42.65	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	197189	18.31	nq	# 96
82) Chrysene	14.18	228	1424179	45.27	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	907187	45.81	nq	99
84) Di-n-octyl phthalate	14.74	149	1439107	48.95	nq	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	1072785	40.33	nq	99
87) Benzo(b)fluoranthene	15.20	252	1294116	43.32	nq	99
88) Benzo(k)fluoranthene	15.20	252	1294116	50.01	nq	# 94
89) Benzo(a)pyrene	15.57	252	1071939	42.66	nq	98
90) Dibenzo(a,h)anthracene	17.13	278	907350	40.09	nq	98
91) Benzo(g,h,i)perylene	17.57	276	885946	38.50	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

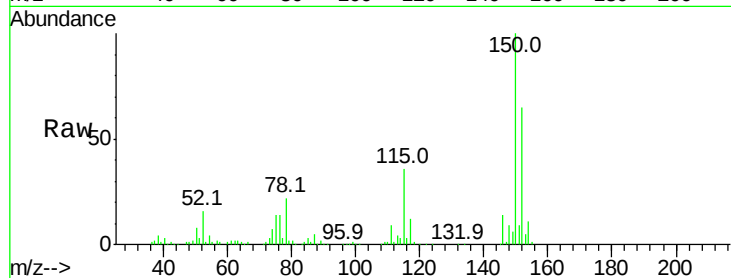
Tot Ion:152 Resp: 207957

Ion Ratio Lower Upper

152 100

150 154.8 123.4 185.0

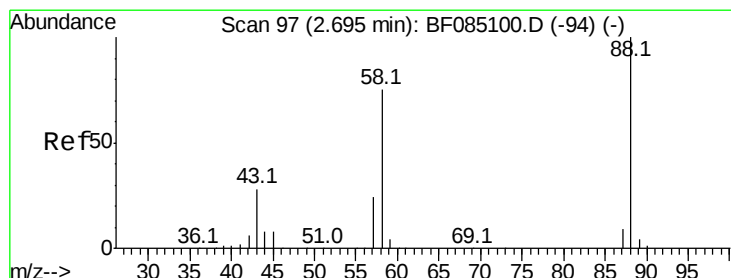
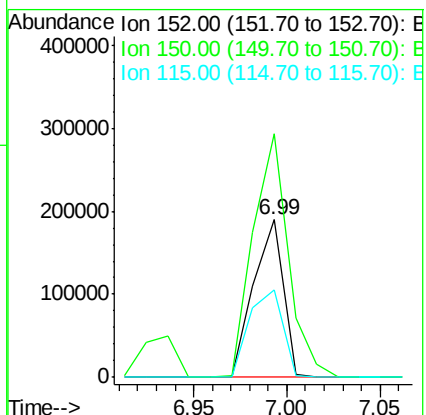
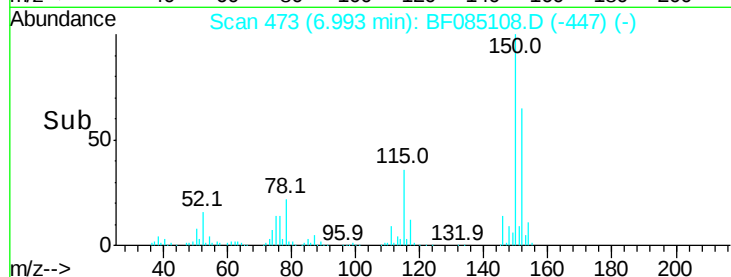
115 56.0 50.0 75.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.61 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.10 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

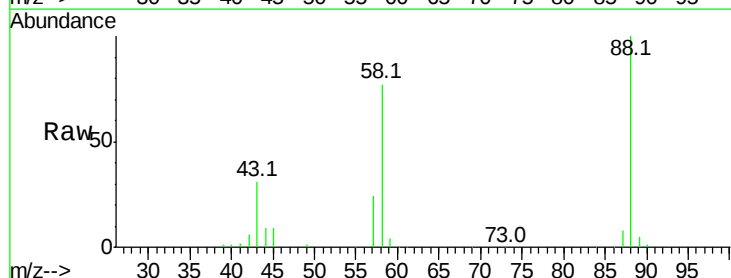
Tgt Ion: 88 Resp: 207010

Ion Ratio Lower Upper

88 100

58 73.7 58.4 87.6

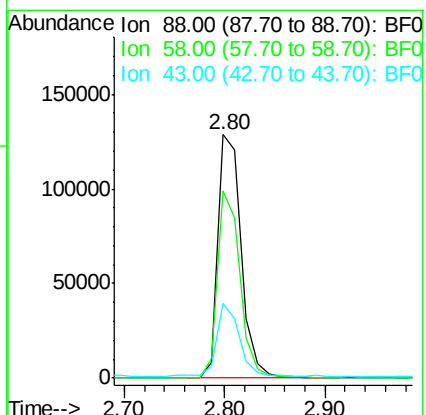
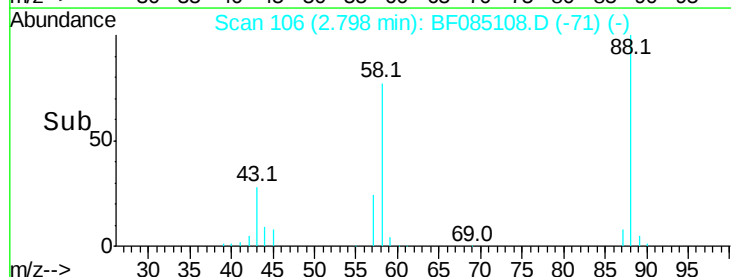
43 29.5 22.2 33.4

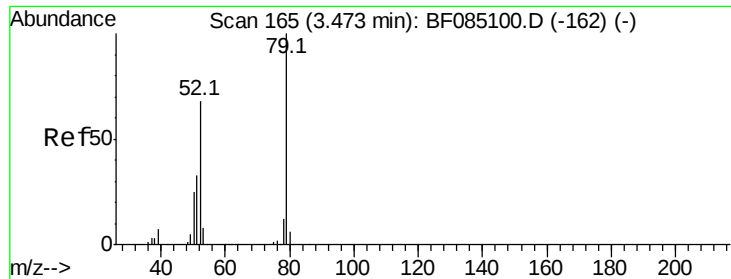


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.17 ng

RT: 3.56 min Scan# 173

Delta R.T. 0.09 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

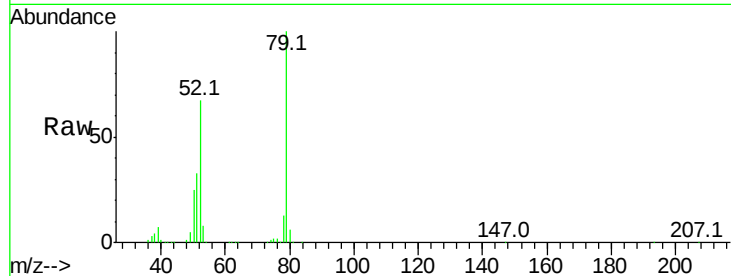
Tot Ion: 79 Resp: 540331

Ion Ratio Lower Upper

79 100

52 67.5 54.1 81.1

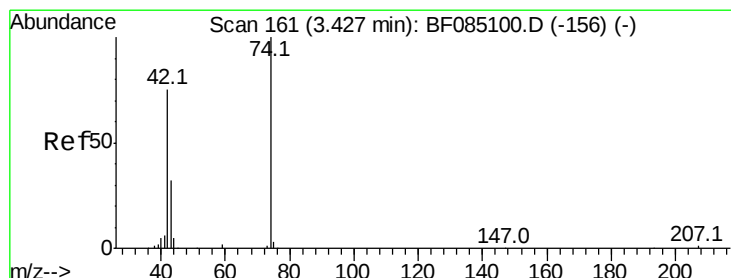
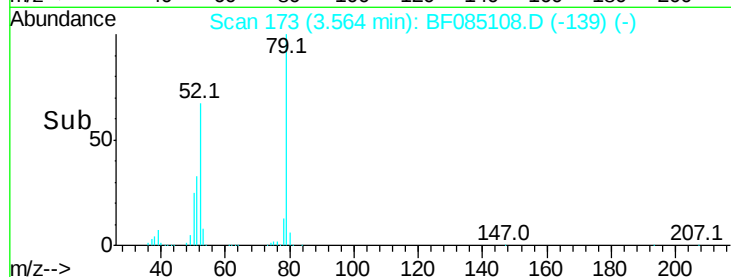
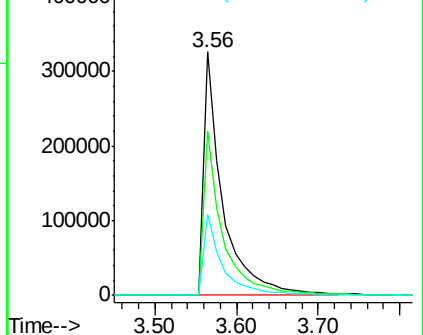
51 33.1 26.6 40.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.27 ng

RT: 3.52 min Scan# 169

Delta R.T. 0.09 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

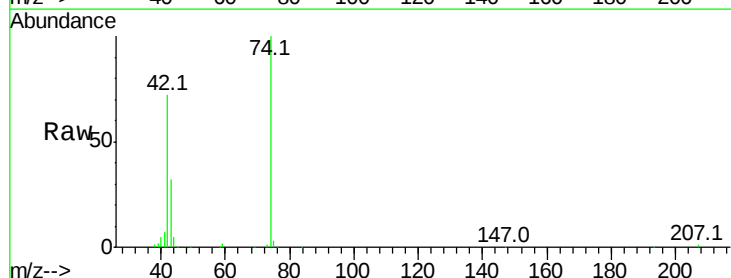
Tgt Ion: 42 Resp: 283728

Ion Ratio Lower Upper

42 100

74 139.5 106.6 160.0

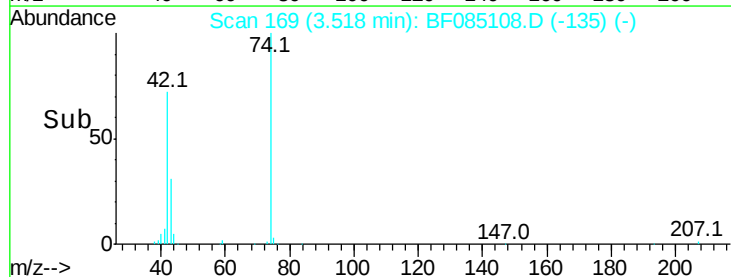
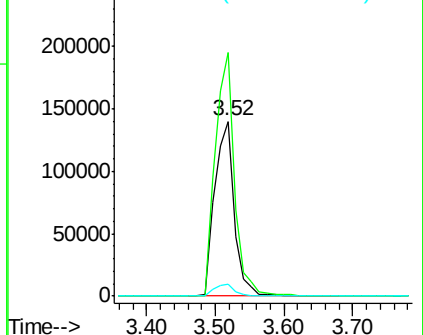
44 6.9 5.4 8.2

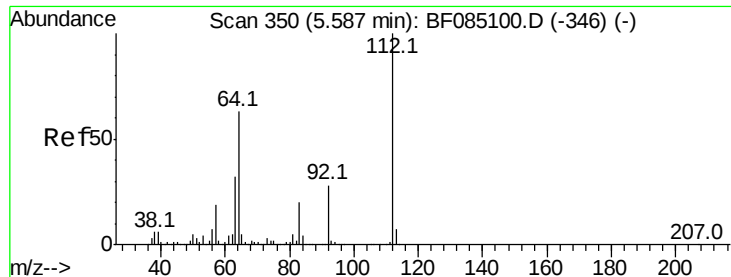


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.50 ng

RT: 5.61 min Scan# 352

Delta R.T. 0.02 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

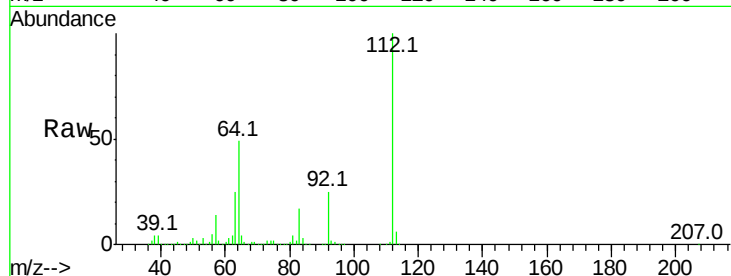
Tot Ion:112 Resp: 1517945

Ion Ratio Lower Upper

112 100

64 49.0 50.6 76.0#

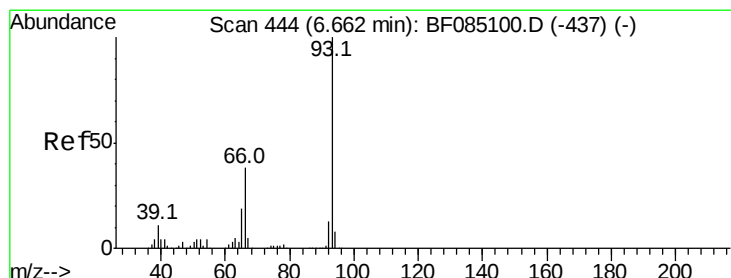
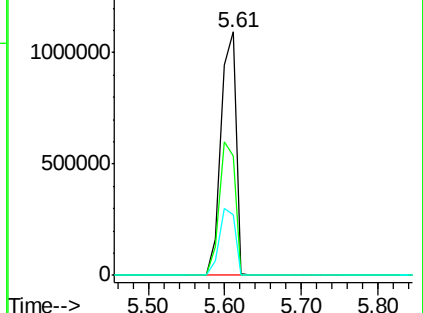
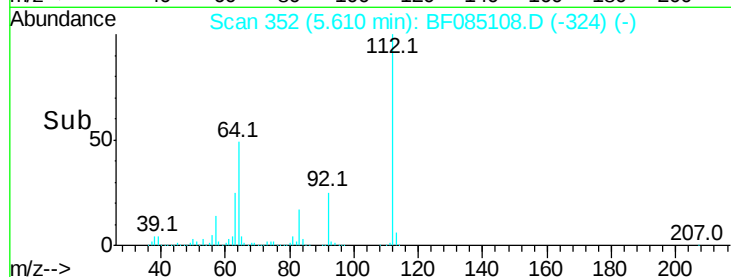
63 25.0 25.5 38.3#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.45 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

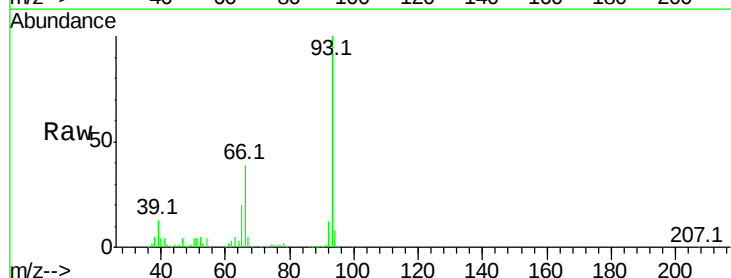
Tgt Ion: 93 Resp: 439623

Ion Ratio Lower Upper

93 100

66 39.4 30.1 45.1

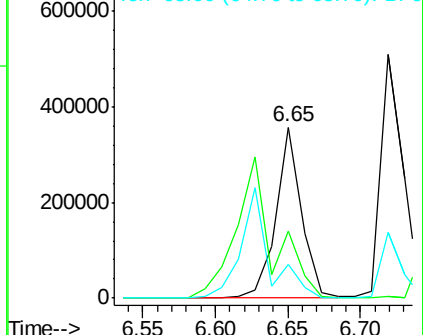
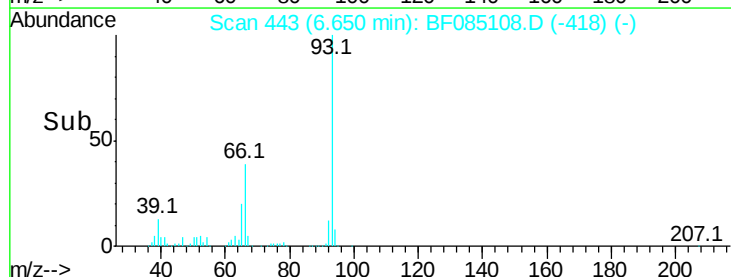
65 20.0 15.0 22.6

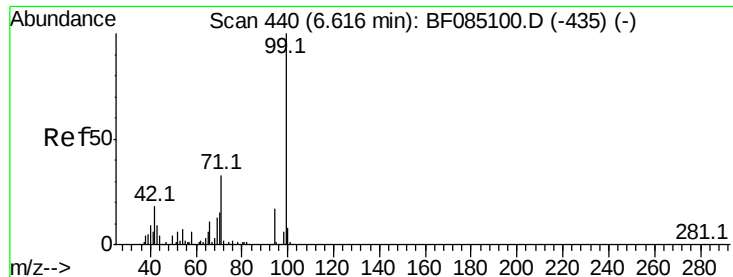


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

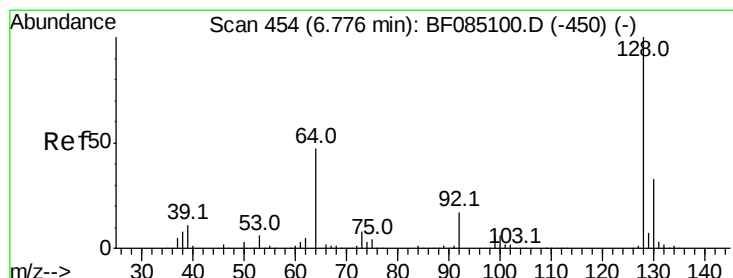
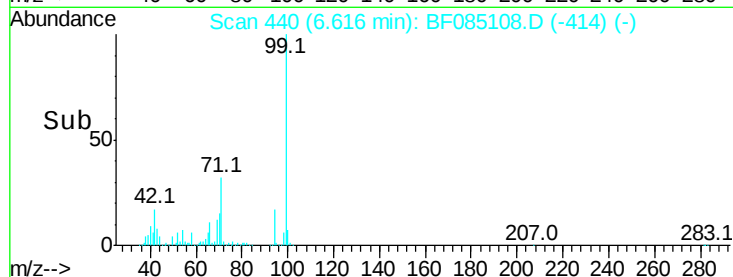
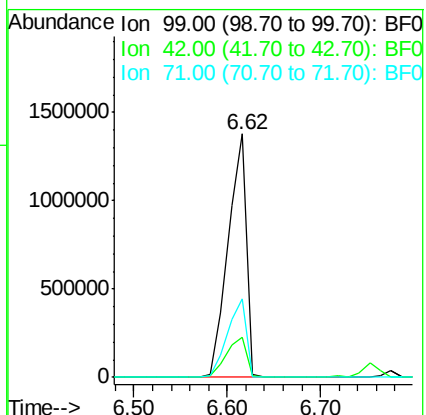
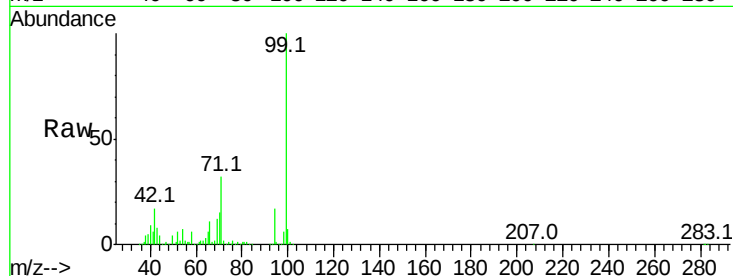
Tot Ion: 99 Resp: 1897593

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

71 32.3 26.8 40.2



#8

2-Chlorophenol

Concen: 41.61 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

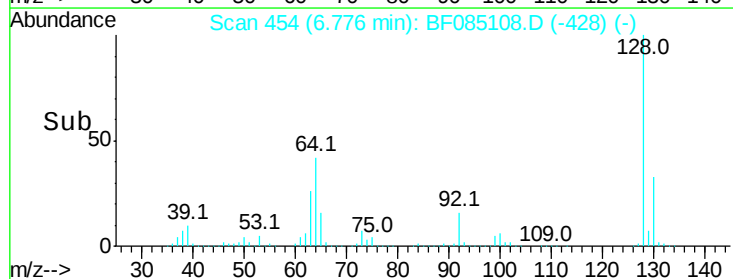
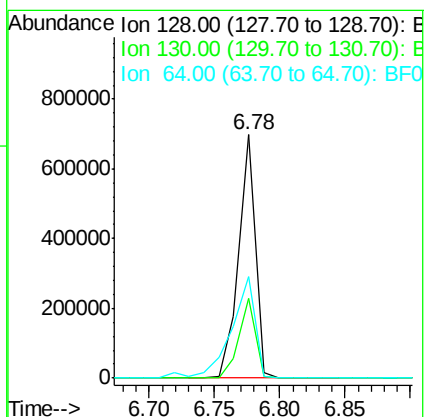
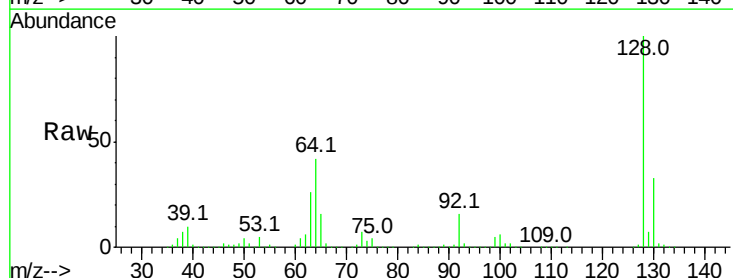
Tgt Ion: 128 Resp: 614390

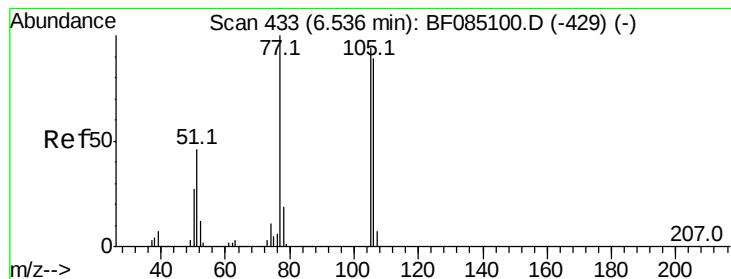
Ion Ratio Lower Upper

128 100

130 32.9 13.1 53.1

64 41.8 29.6 69.6





#9

Benzaldehyde

Concen: 4.86 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampled :

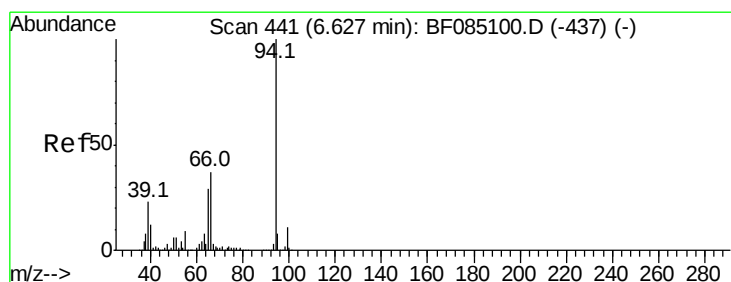
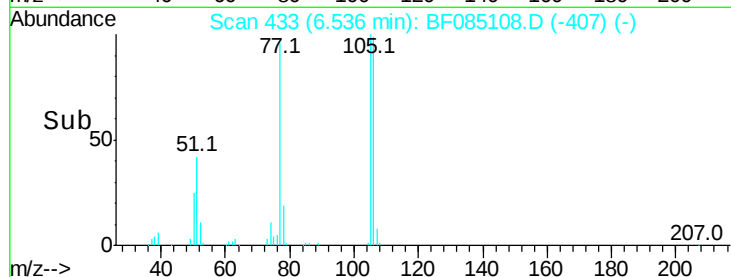
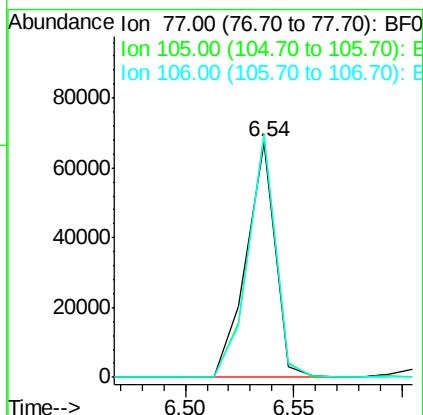
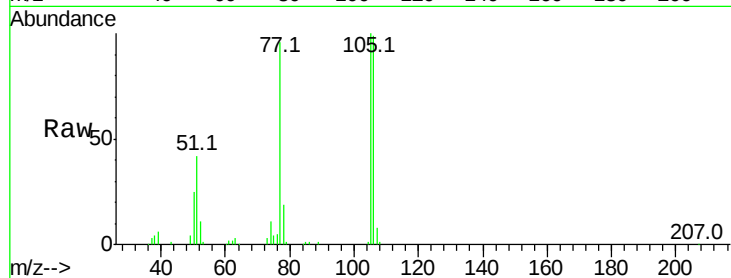
Tot Ion: 77 Resp: 62313

Ion Ratio Lower Upper

77 100

105 103.7 73.7 113.7

106 103.1 69.2 109.2



#10

Phenol

Concen: 45.56 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

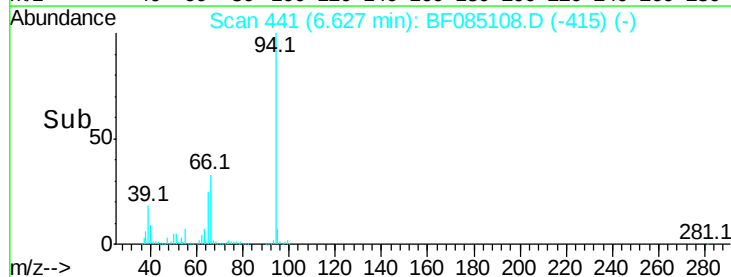
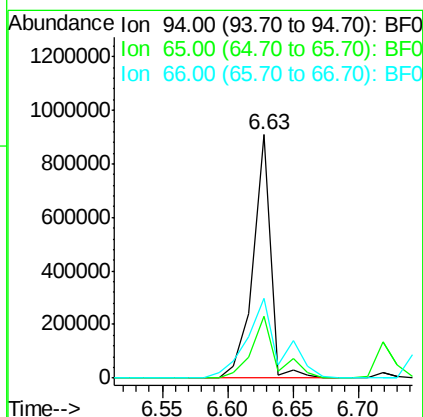
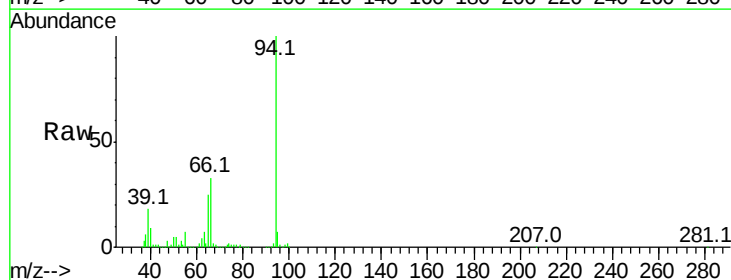
Tgt Ion: 94 Resp: 855988

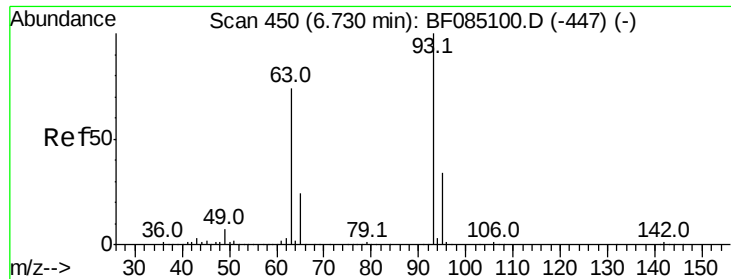
Ion Ratio Lower Upper

94 100

65 25.3 9.1 49.1

66 32.5 17.5 57.5





#11

bis(2-Chloroethyl)ether

Concen: 35.46 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

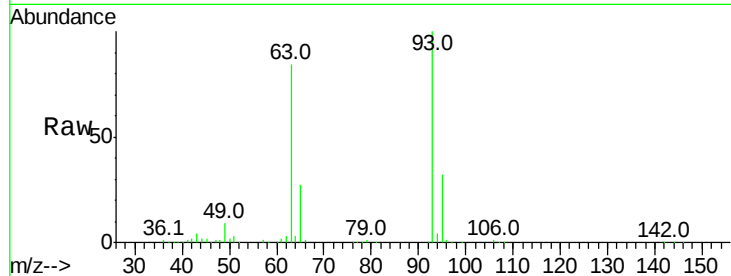
Tot Ion: 93 Resp: 528148

Ion Ratio Lower Upper

93 100

63 83.6 53.9 93.9

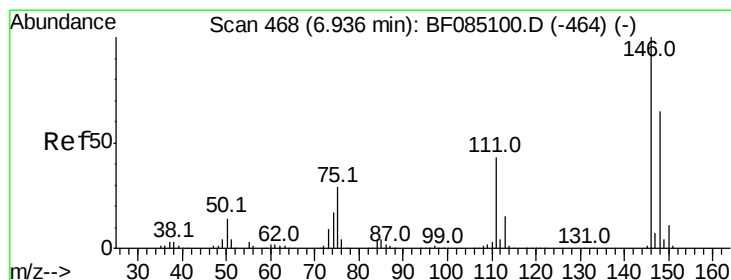
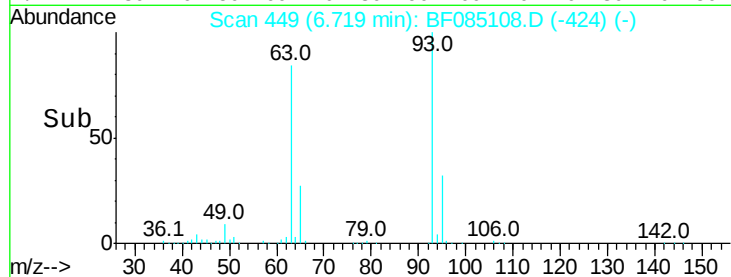
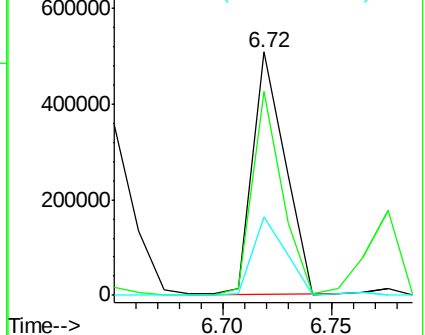
95 32.3 13.8 53.8



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: 37.87 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.23 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

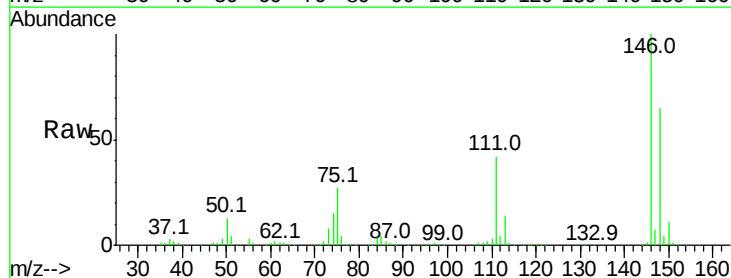
Tgt Ion: 146 Resp: 600533

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

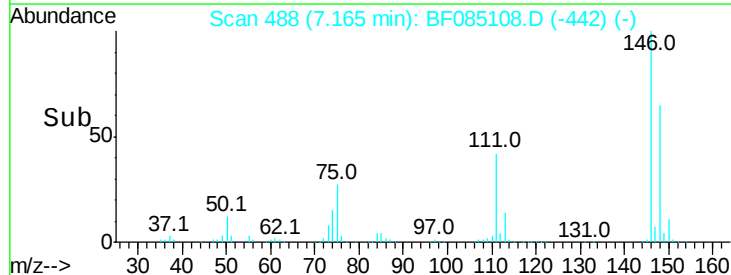
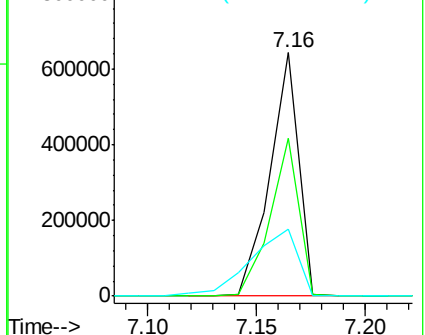
75 27.3 23.3 34.9

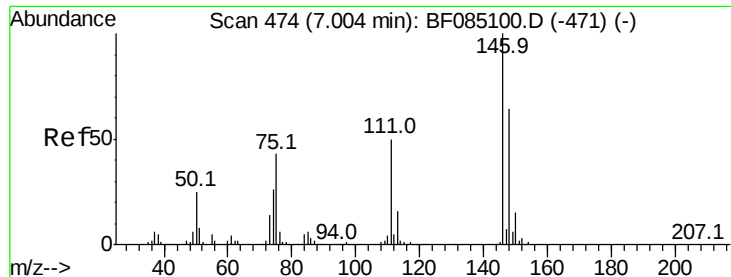


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

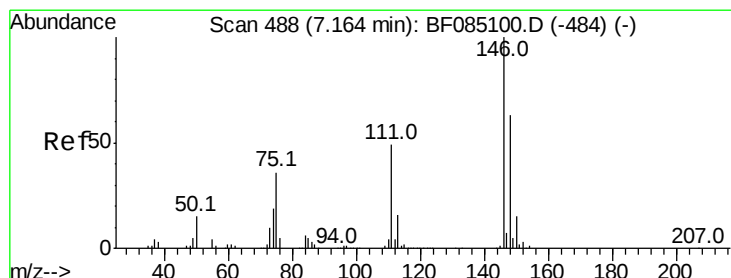
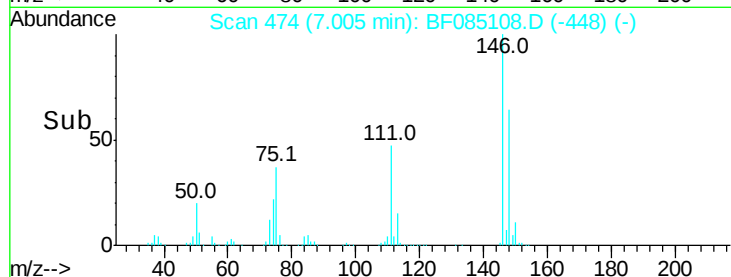
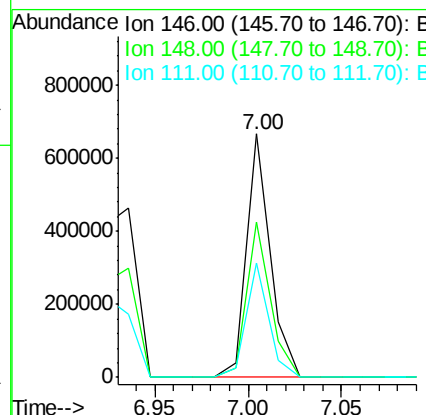
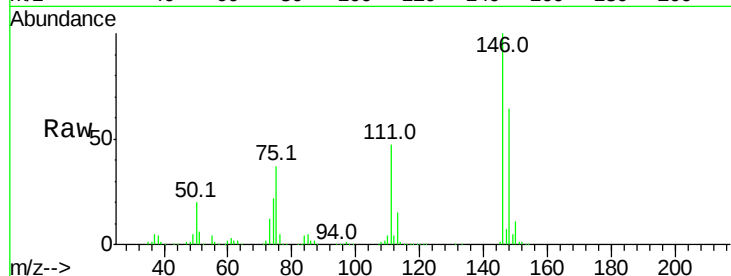




#13
 1,4-Dichlorobenzene
 Concen: 36.44 ng
 RT: 7.00 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

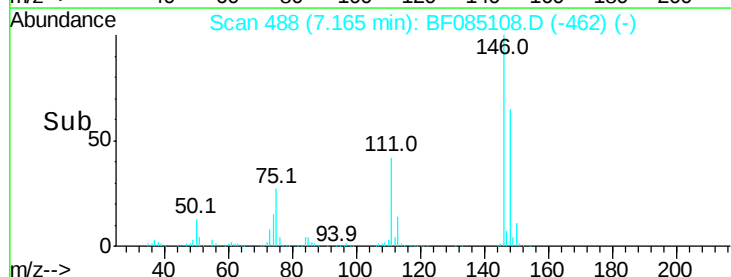
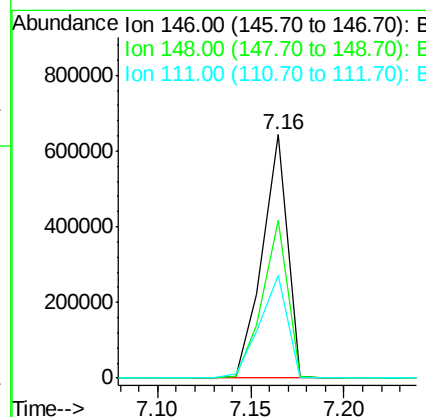
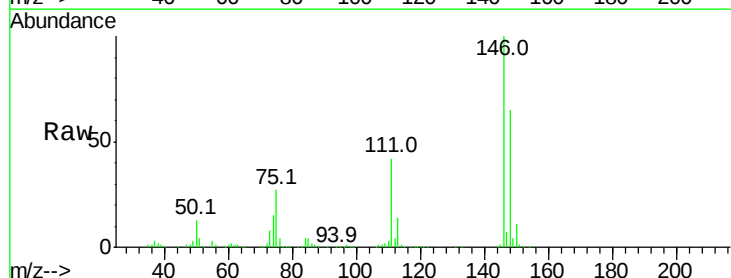
Instrument :
 BNA_F
 ClientSampleId :

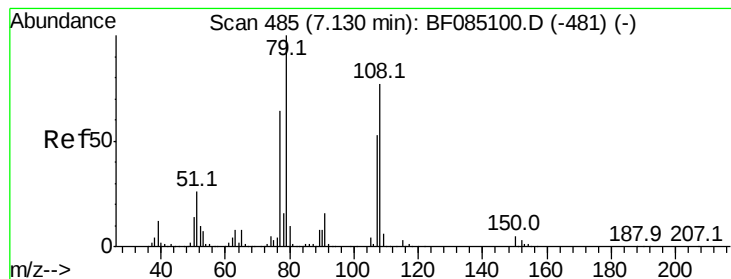
Tot Ion:146 Resp: 588978
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 46.8 40.0 60.0



#14
 1,2-Dichlorobenzene
 Concen: 42.20 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Tgt Ion:146 Resp: 600554
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.5 75.7
 111 42.1 38.9 58.3





#15

Benzyl Alcohol

Concen: 46.64 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

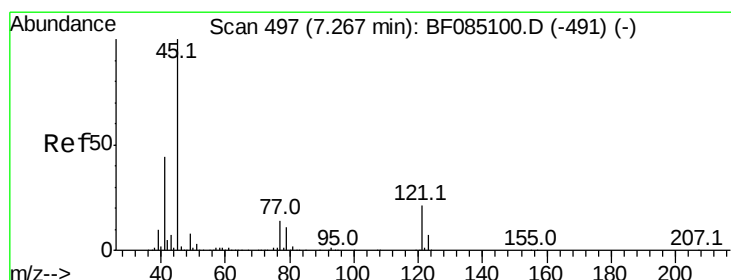
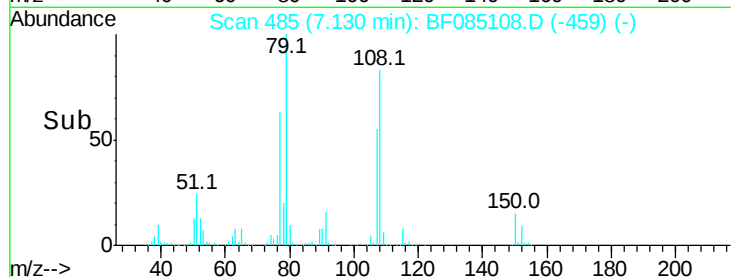
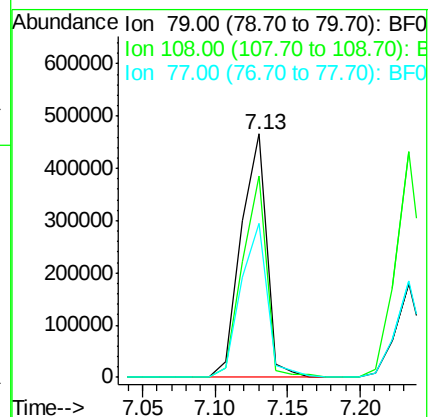
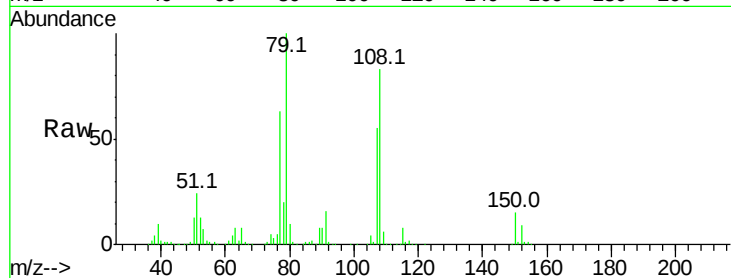
Tot Ion: 79 Resp: 570951

Ion Ratio Lower Upper

79 100

108 82.6 61.8 92.6

77 63.3 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.34 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

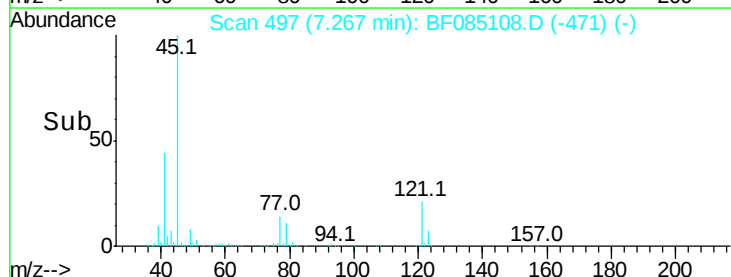
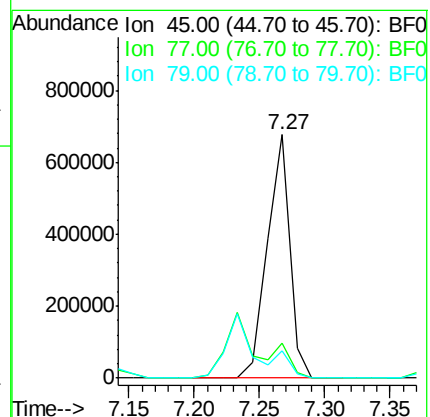
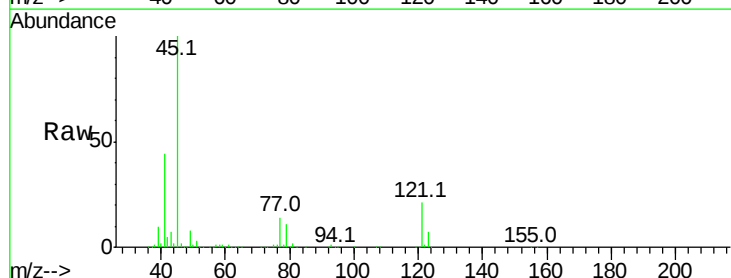
Tgt Ion: 45 Resp: 819493

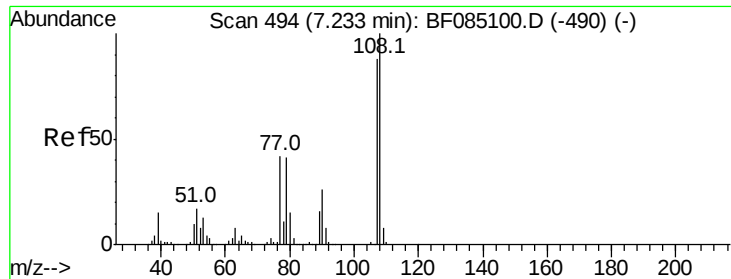
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.4

79 11.2 0.0 31.1





#17

2-Methylphenol

Concen: 38.90 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 481203

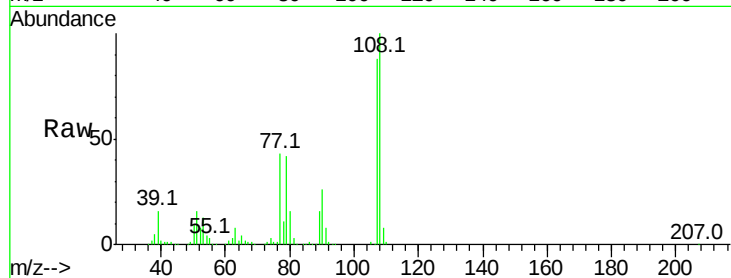
Ion Ratio Lower Upper

107 100

108 113.2 91.4 137.2

77 48.2 38.7 58.1

79 47.1 37.8 56.6

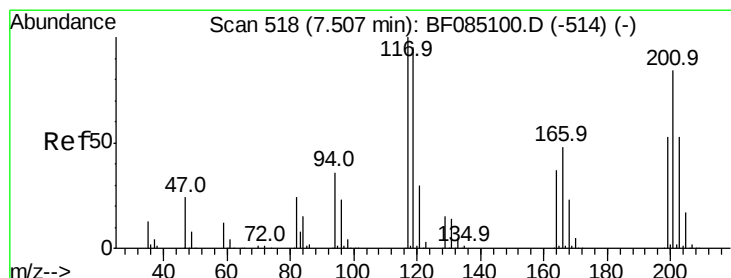
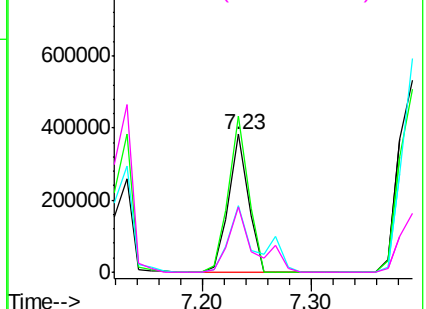
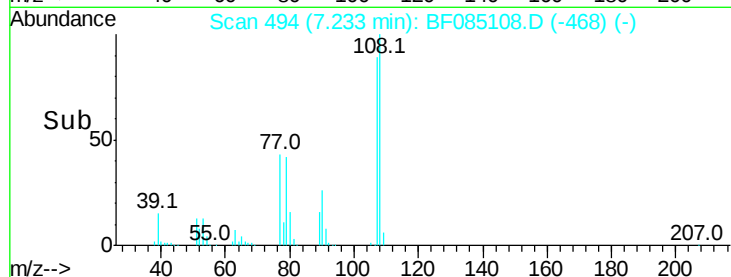


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.38 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

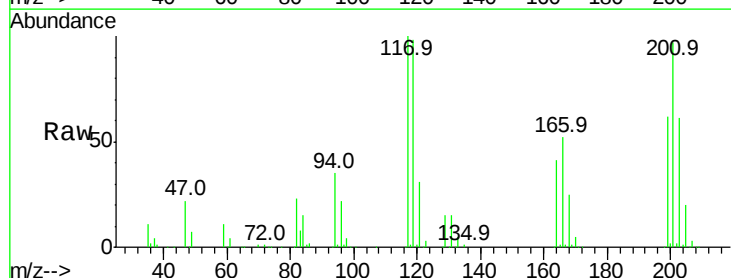
Tgt Ion:117 Resp: 241245

Ion Ratio Lower Upper

117 100

119 97.7 76.2 114.4

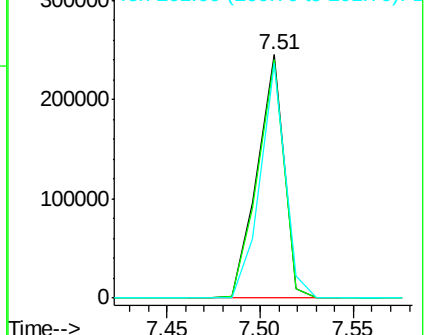
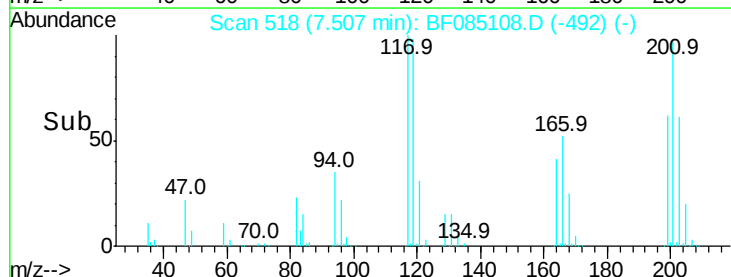
201 96.6 66.8 100.2

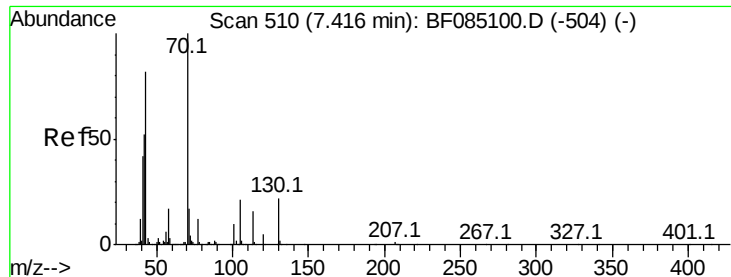


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

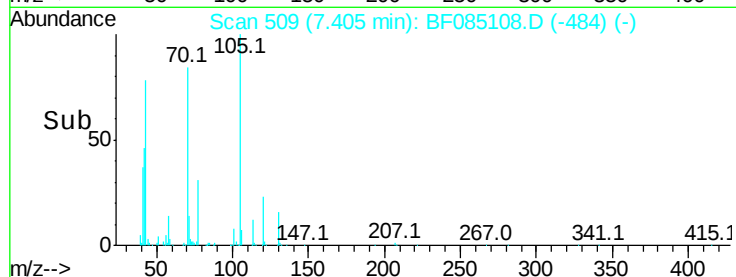
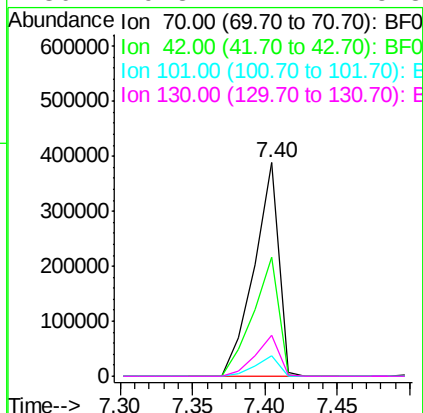
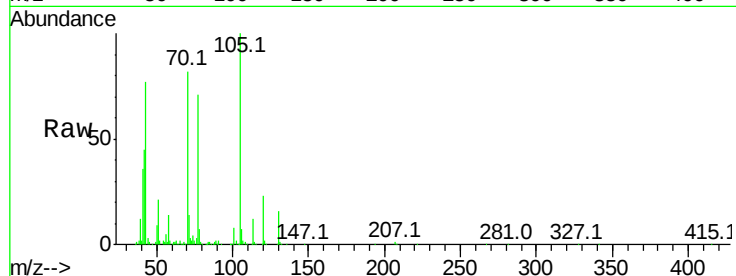




#19
n-Nitroso-di-n-propylamine
Concen: 41.50 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

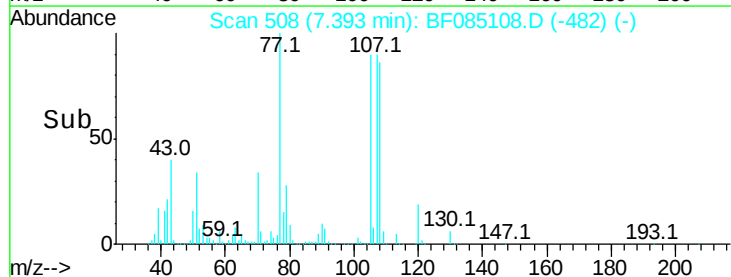
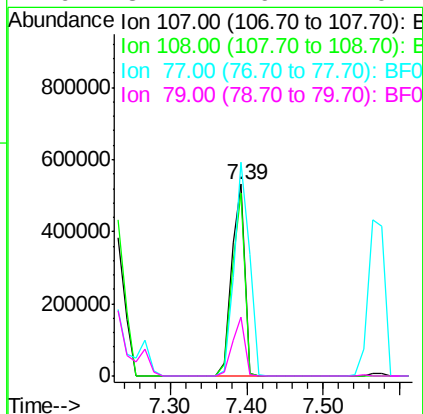
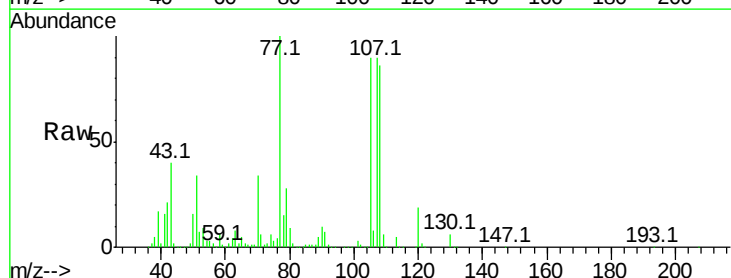
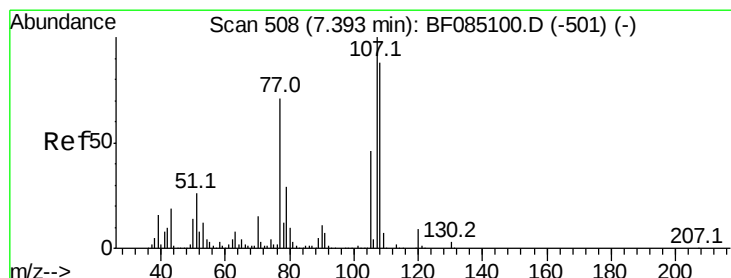
Instrument :
BNA_F
ClientSampleId :

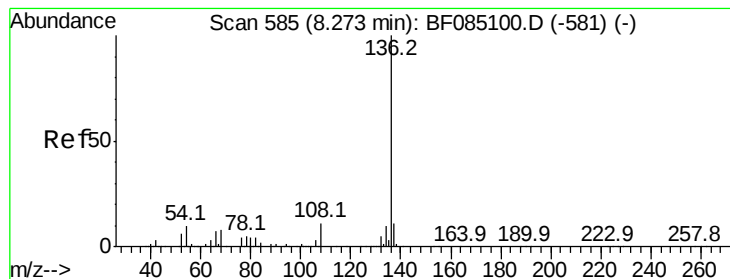
Tot Ion: 70 Resp: 459300
Ion Ratio Lower Upper
70 100
42 55.5 41.9 62.9
101 9.3 7.8 11.8
130 19.3 17.2 25.8



#20
3+4-Methylphenols
Concen: 44.14 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Tgt Ion:107 Resp: 652539
Ion Ratio Lower Upper
107 100
108 95.6 67.8 107.8
77 111.5 50.6 90.6#
79 31.1 9.1 49.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 831681

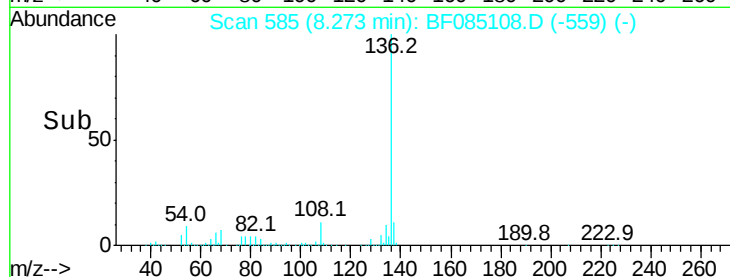
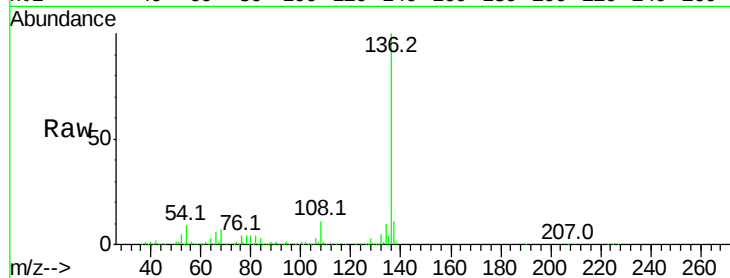
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.1 8.5 12.7

68 7.2 6.4 9.6

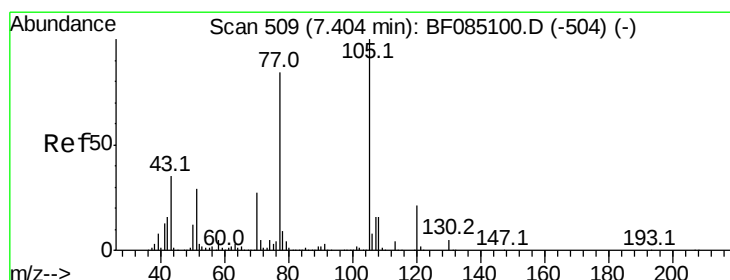
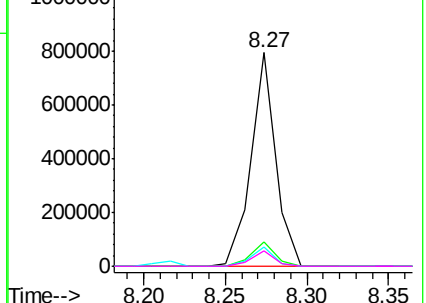


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.10 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Tgt Ion:105 Resp: 818052

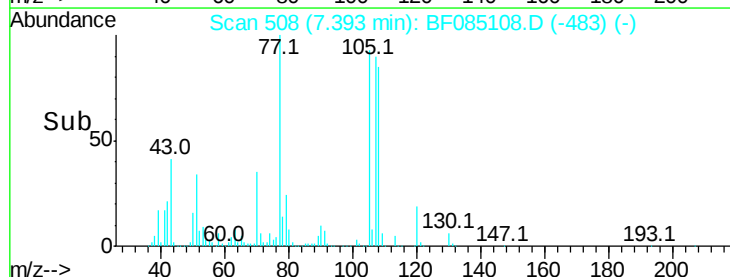
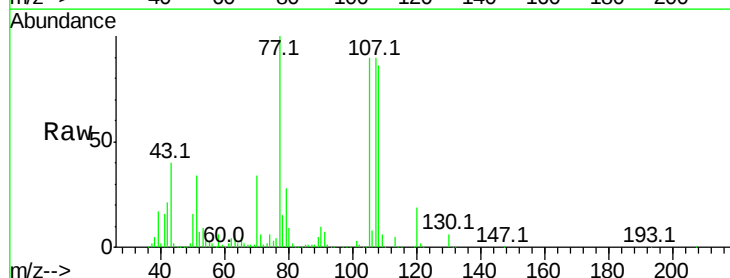
Ion Ratio Lower Upper

105 100

71 6.3 3.8 5.6#

51 38.1 22.9 34.3#

120 20.8 16.9 25.3

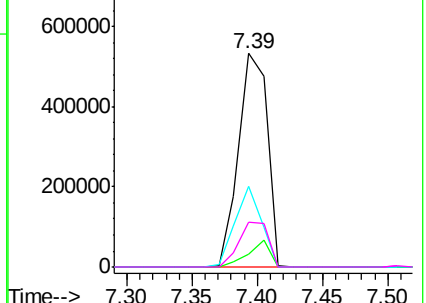


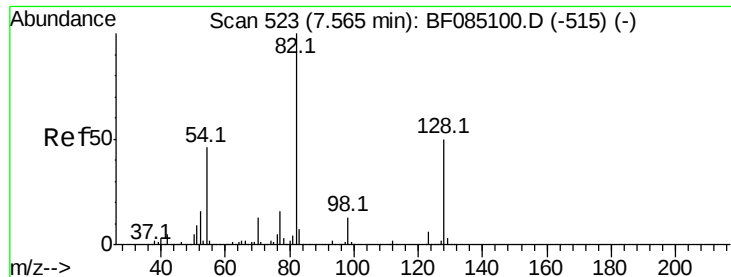
Abundance Ion 105.00 (104.70 to 105.70): E

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

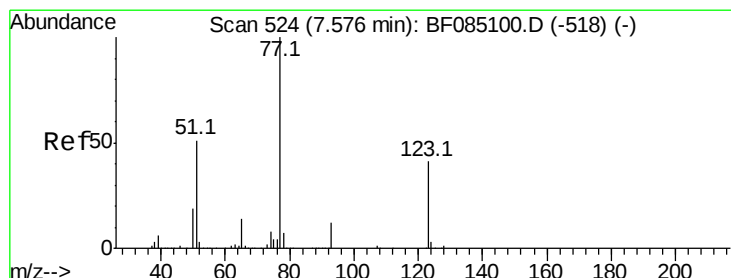
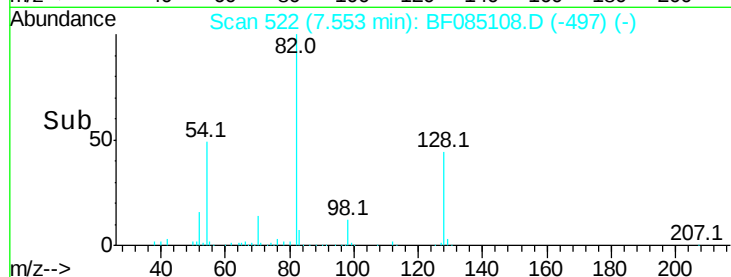
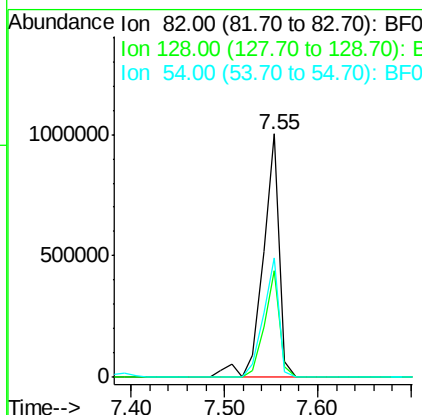
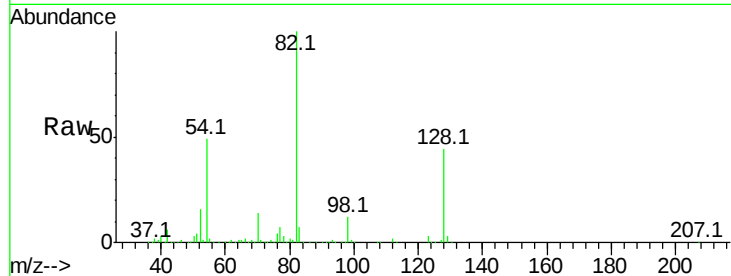




#23
Nitrobenzene-d5
Concen: 77.13 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

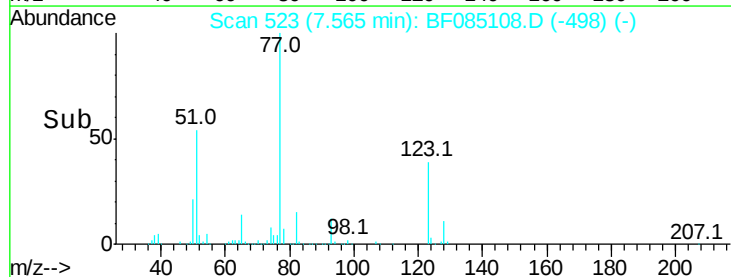
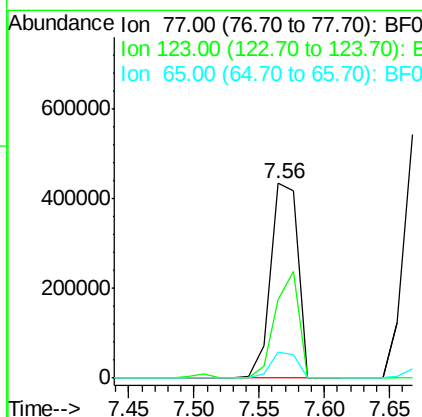
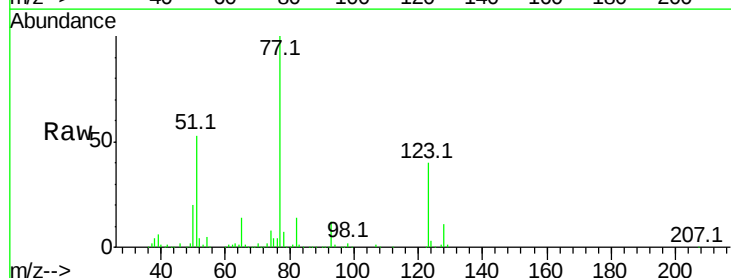
Instrument :
BNA_F
ClientSampled :

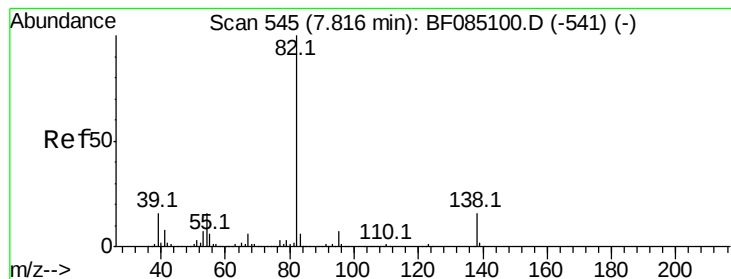
Tot Ion: 82 Resp: 1205681
Ion Ratio Lower Upper
82 100
128 44.0 39.8 59.6
54 49.1 36.6 54.8



#24
Nitrobenzene
Concen: 39.27 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Tgt Ion: 77 Resp: 636726
Ion Ratio Lower Upper
77 100
123 40.2 33.4 50.2
65 13.7 10.9 16.3





#25

Isophorone

Concen: 40.29 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampled :

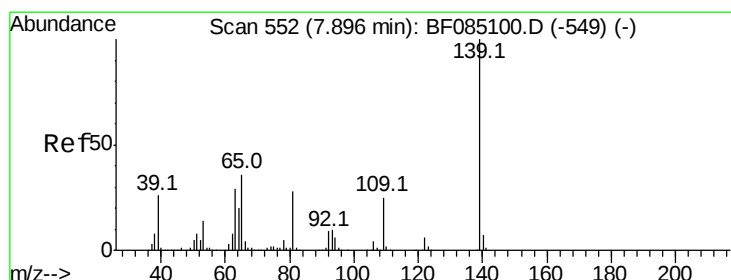
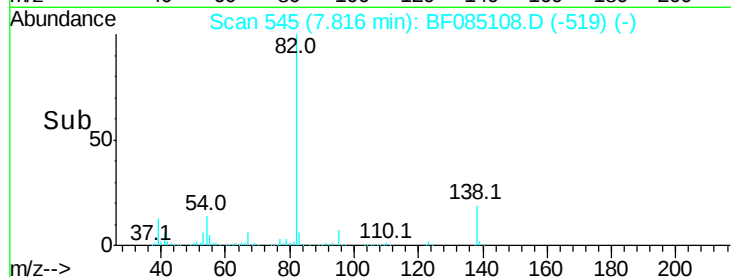
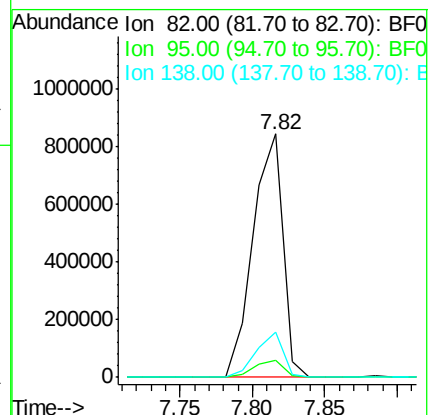
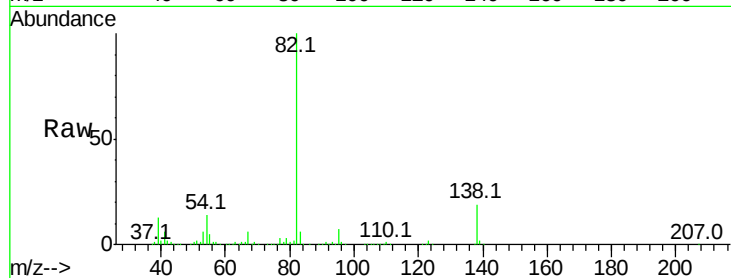
Tot Ion: 82 Resp: 1204782

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 18.7 12.6 18.8



#26

2-Nitrophenol

Concen: 36.78 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

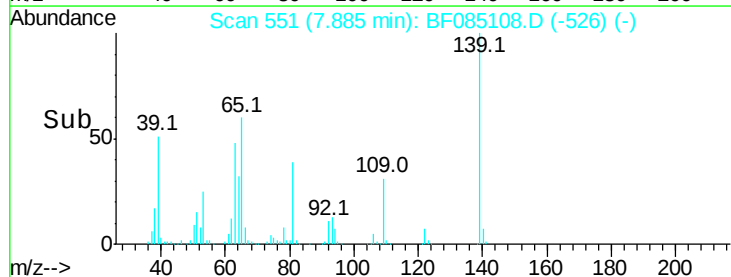
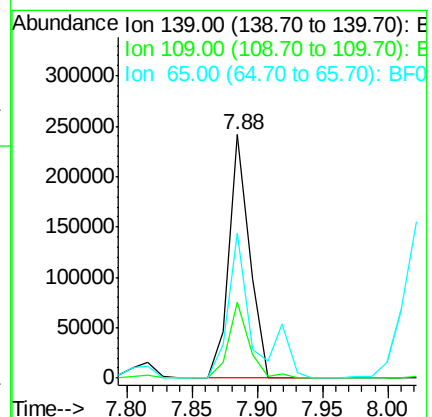
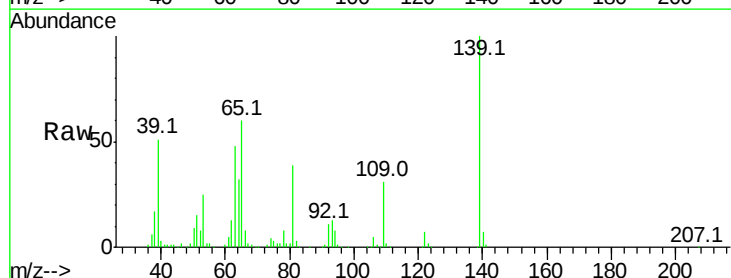
Tgt Ion: 139 Resp: 266662

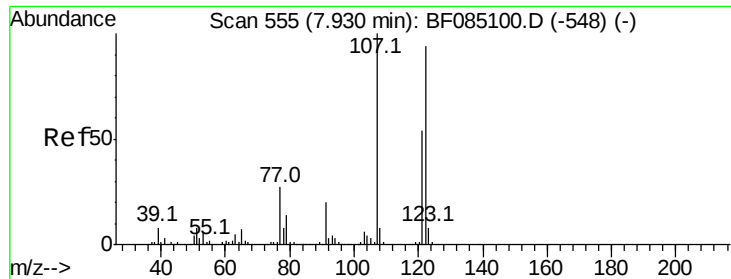
Ion Ratio Lower Upper

139 100

109 31.1 20.4 30.6#

65 59.7 29.2 43.8#

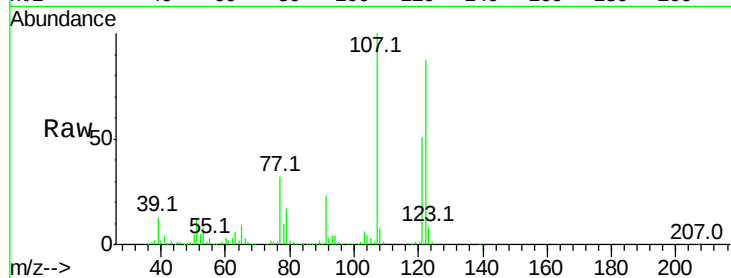




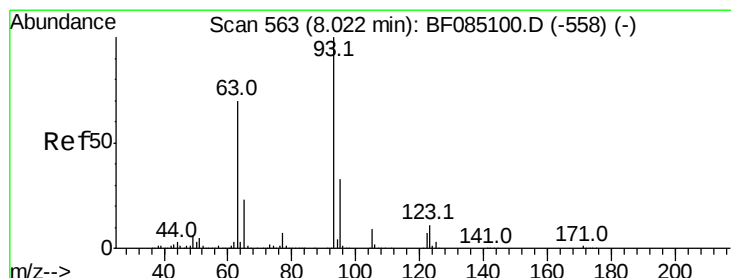
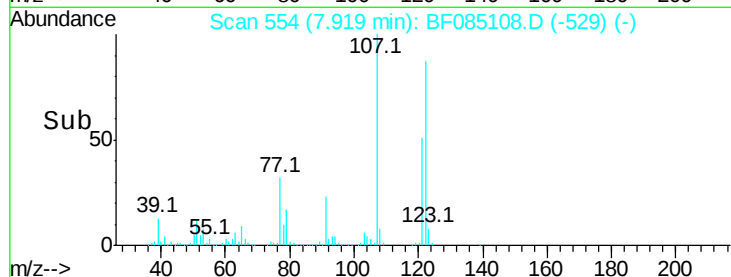
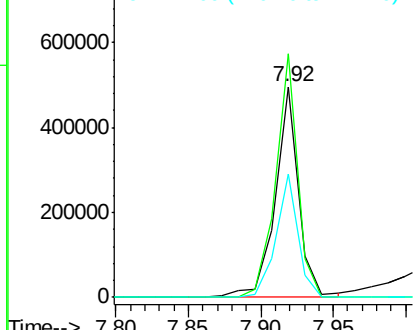
#27
 2,4-Dimethylphenol
 Concen: 39.55 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	85.0	127.4
121	58.7	45.8	68.8

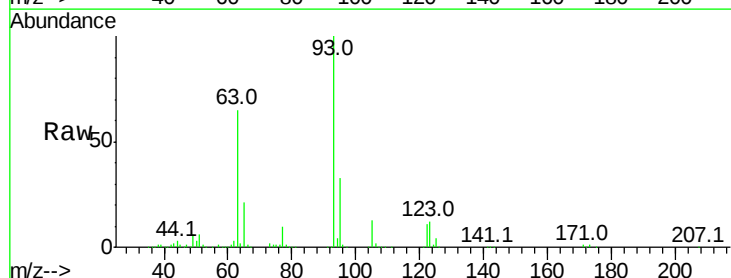


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

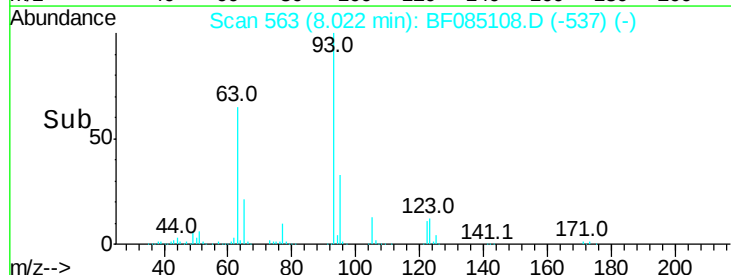
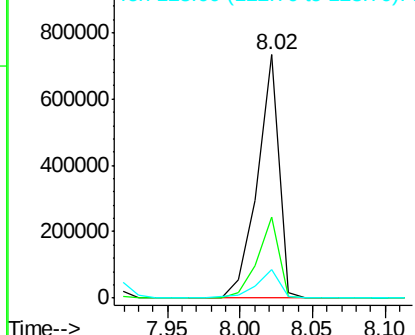


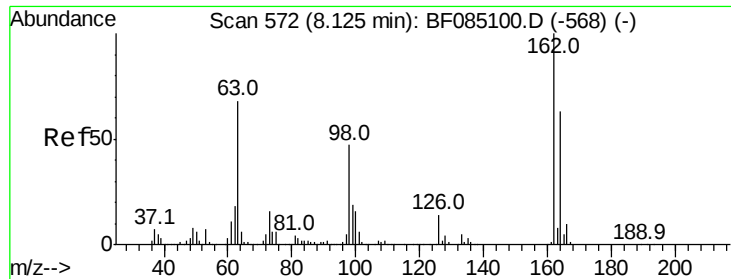
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.83 ng
 RT: 8.02 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.4
123	11.8	8.8	13.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.72 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

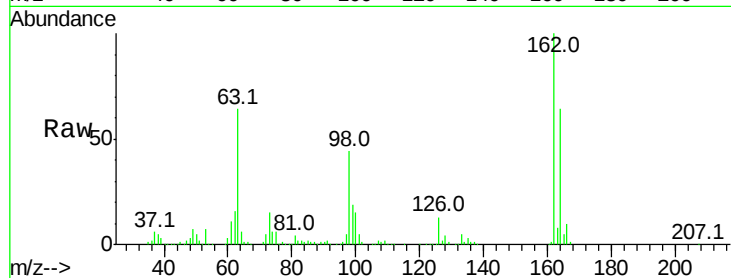
Tot Ion:162 Resp: 470848

Ion Ratio Lower Upper

162 100

164 64.0 42.9 82.9

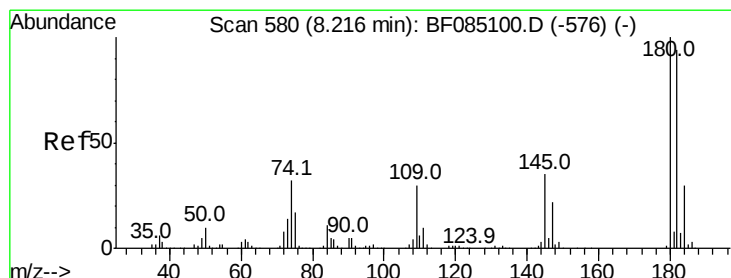
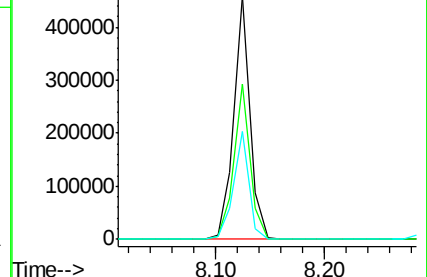
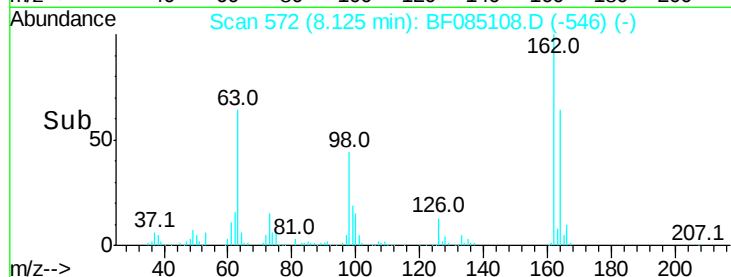
98 44.3 26.9 66.9



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: 41.73 ng

RT: 8.22 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

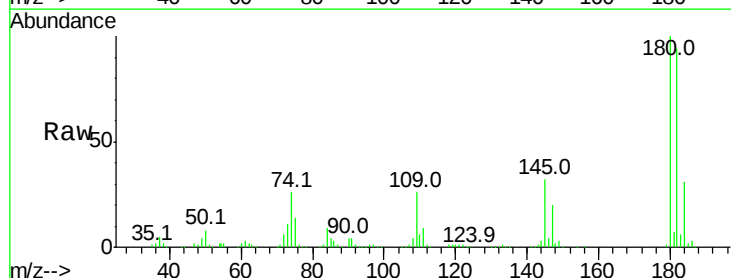
Tgt Ion:180 Resp: 525946

Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.0

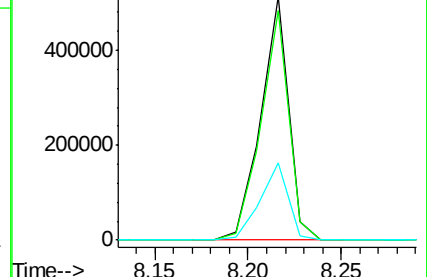
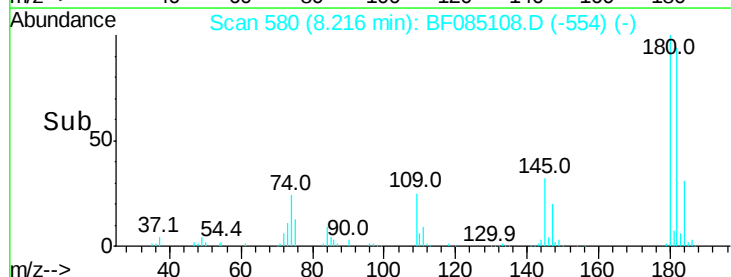
145 31.9 27.8 41.8

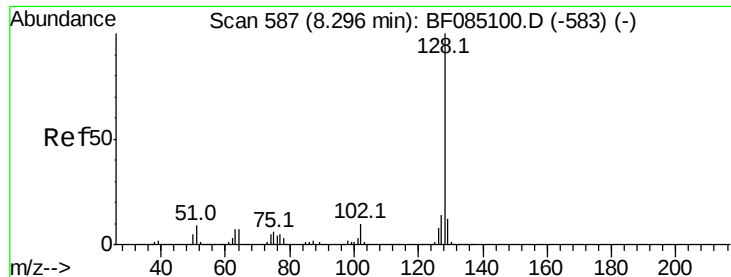


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.81 ng

RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

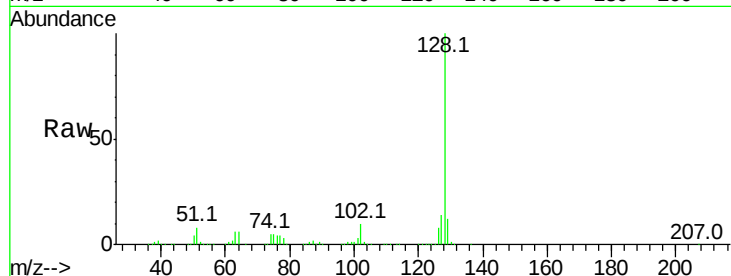
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1632424

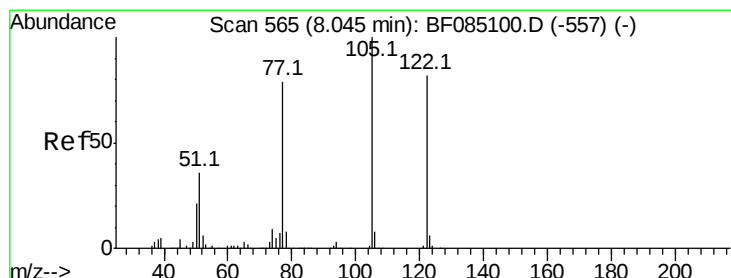
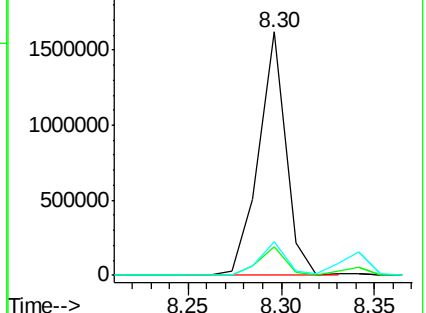
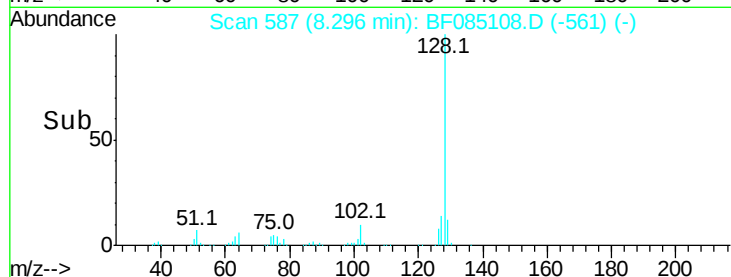
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	14.0	11.1	16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.99 ng

RT: 8.02 min Scan# 563

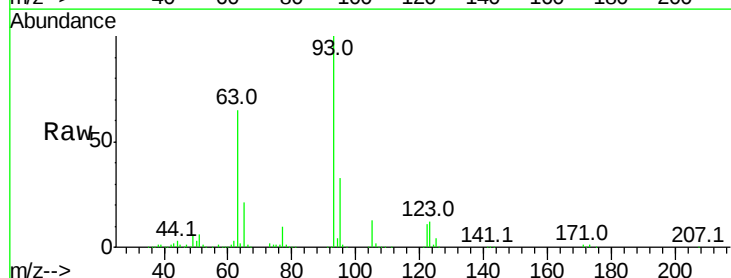
Delta R.T. -0.02 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Tgt Ion:122 Resp: 237123

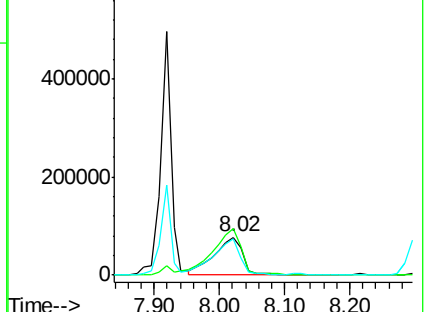
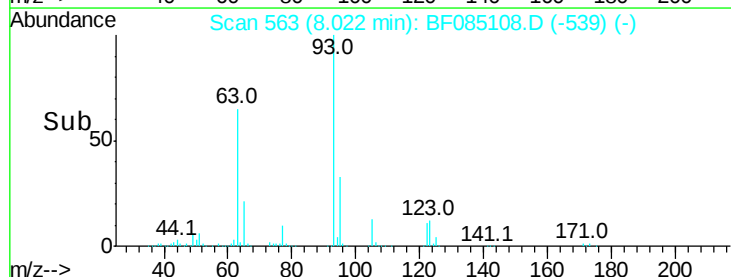
Ion	Ratio	Lower	Upper
122	100		
105	123.5	102.0	142.0
77	96.1	76.8	116.8

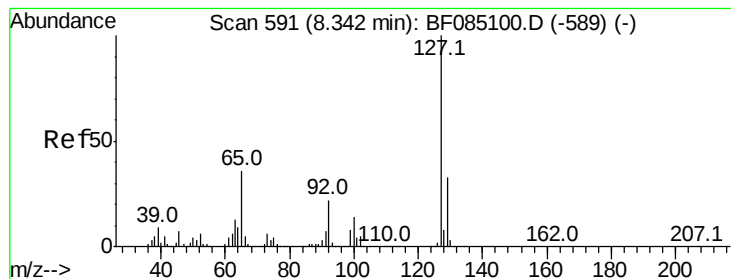


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

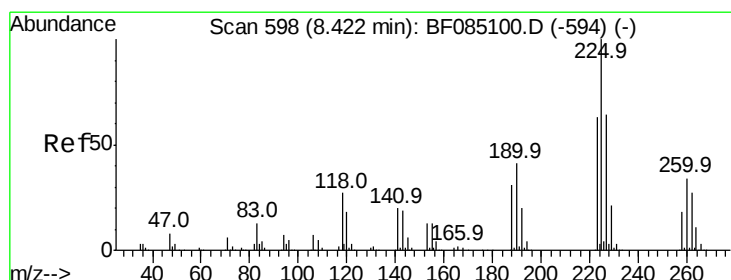
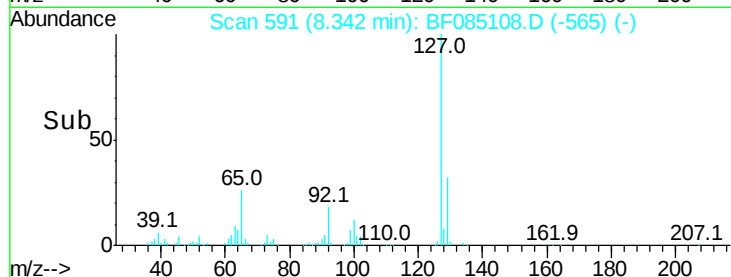
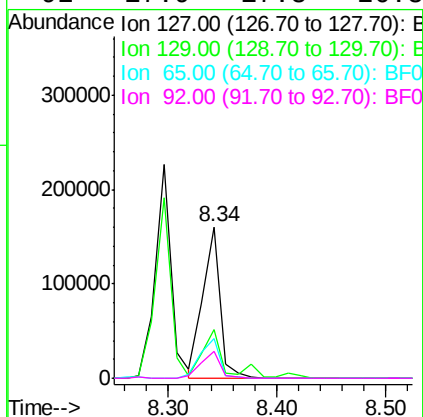
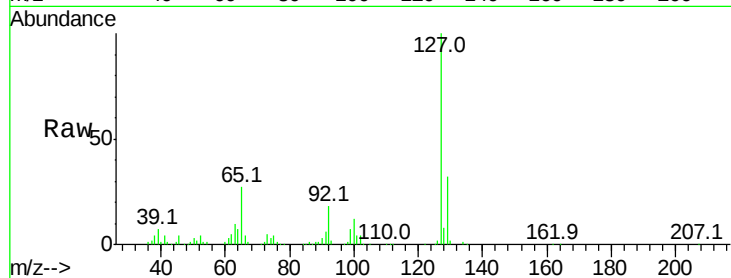




#33
4-Chloroaniline
Concen: 10.80 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

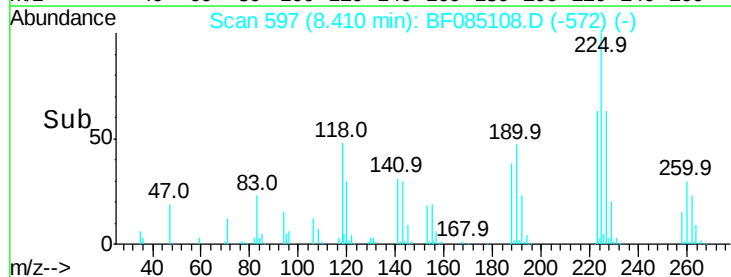
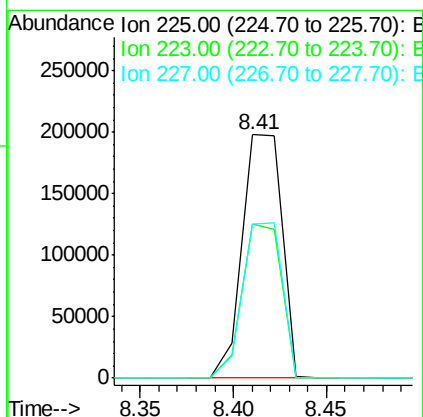
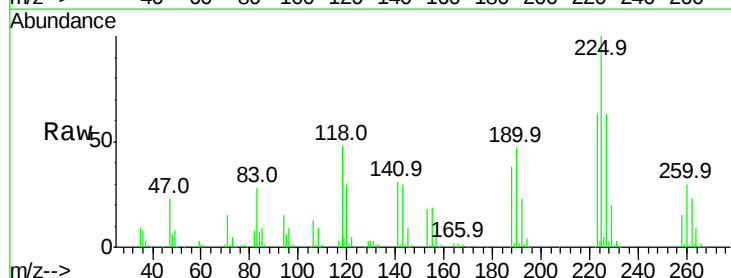
Instrument :
BNA_F
ClientSampleId :

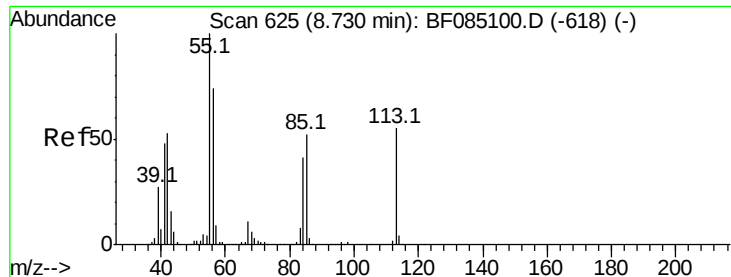
Tot Ion:	127	Resp:	179533
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	26.5	28.6	43.0
92	17.9	17.8	26.8



#34
Hexachlorobutadiene
Concen: 39.87 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Tgt Ion:	225	Resp:	291546
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6
227	63.3	51.6	77.4

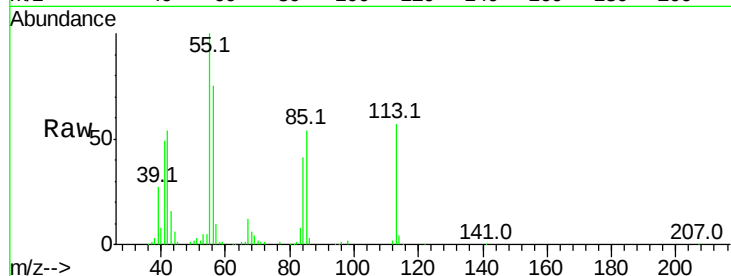




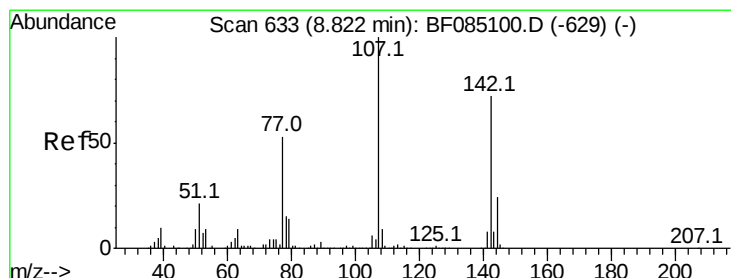
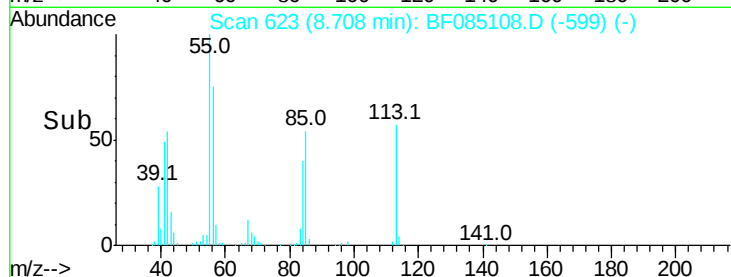
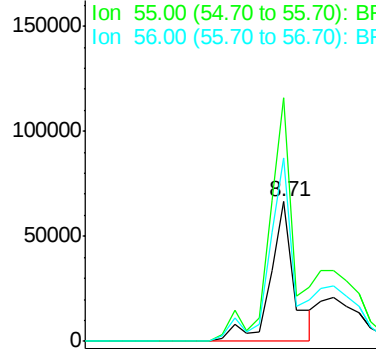
#35
 Caprolactam
 Concen: 27.82 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 100948
 Ion Ratio Lower Upper
 113 100
 55 174.8 162.9 202.9
 56 131.3 114.5 154.5

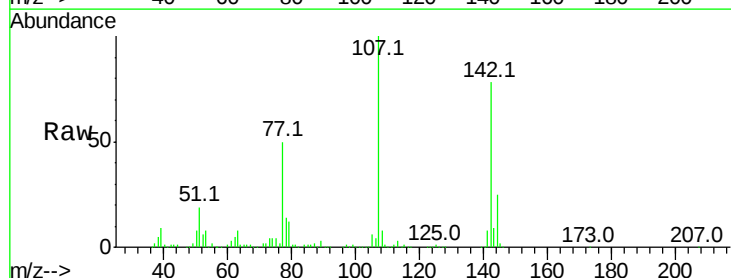


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

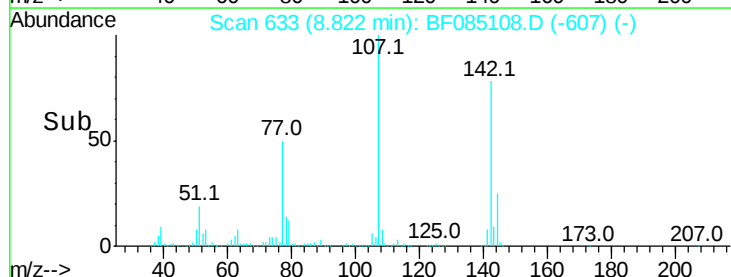
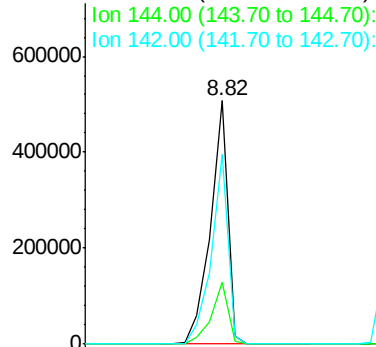


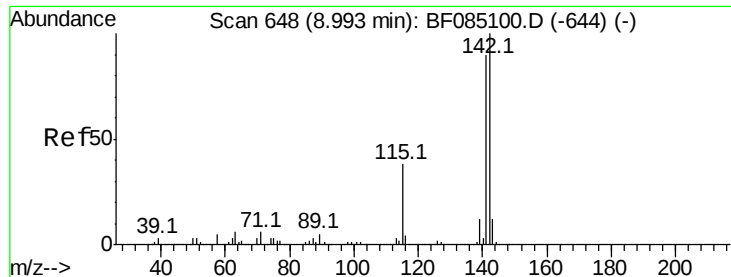
#36
 4-Chloro-3-methylphenol
 Concen: 43.33 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Tgt Ion:107 Resp: 553951
 Ion Ratio Lower Upper
 107 100
 144 25.4 18.9 28.3
 142 78.0 57.9 86.9



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

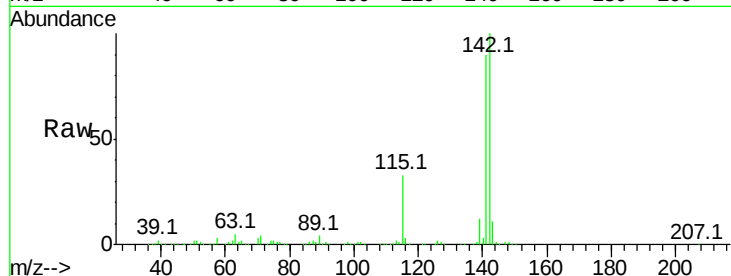




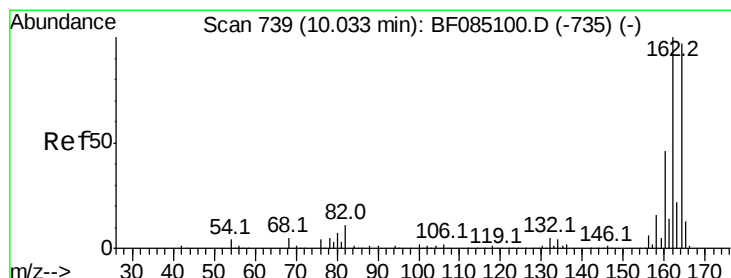
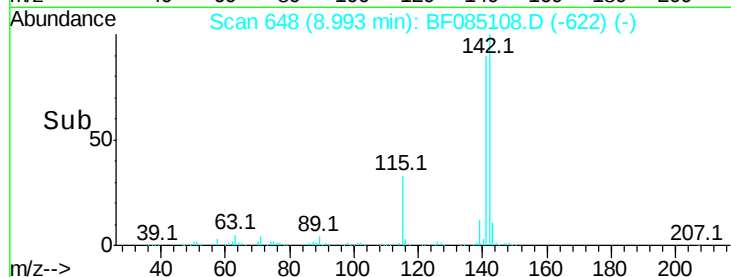
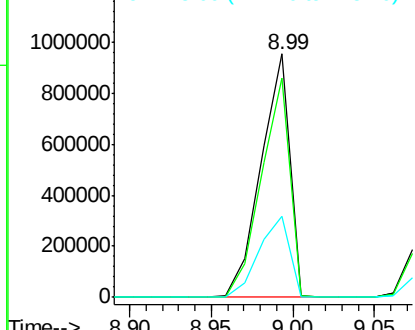
#37
2-Methylnaphthalene
Concen: 45.62 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1172805
Ion Ratio Lower Upper
142 100
141 89.9 71.7 107.5
115 33.2 30.1 45.1

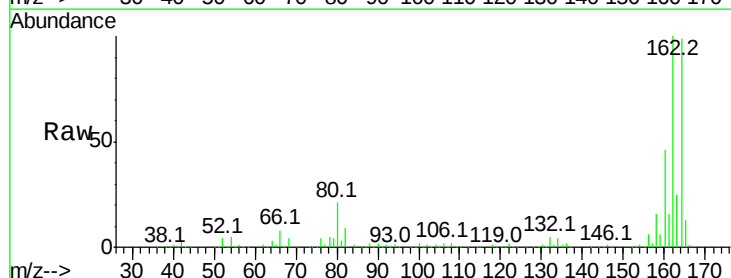


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

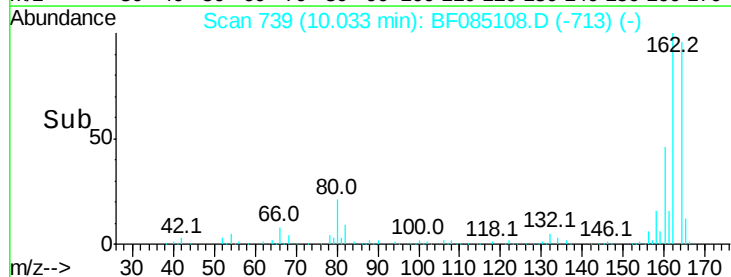
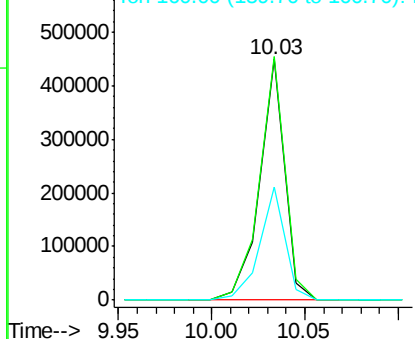


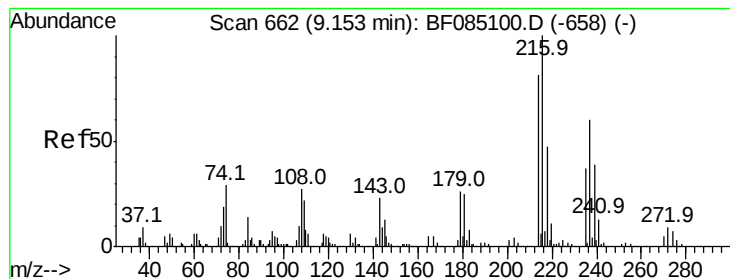
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Tgt Ion:164 Resp: 413830
Ion Ratio Lower Upper
164 100
162 101.1 82.6 123.8
160 46.9 38.2 57.2



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: 34.58 ng

RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 440696

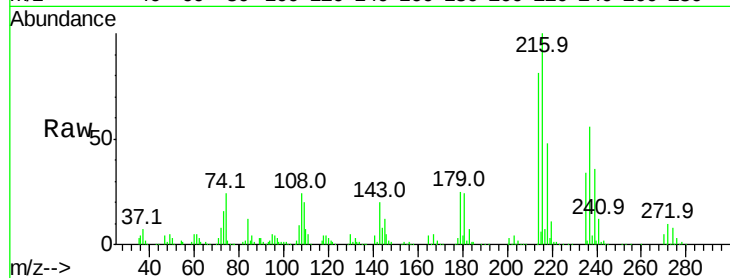
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 23.1 18.1 27.1

108 25.3 17.1 25.7

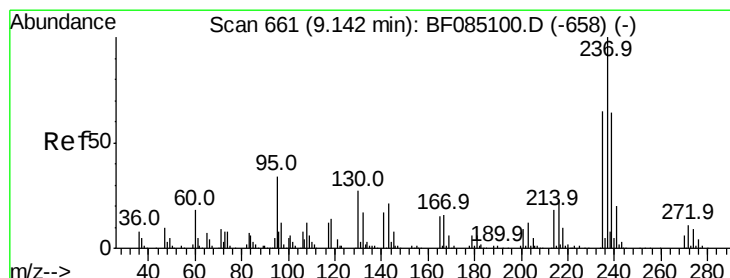
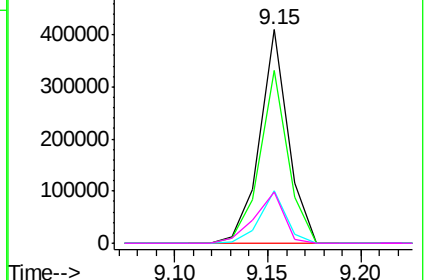
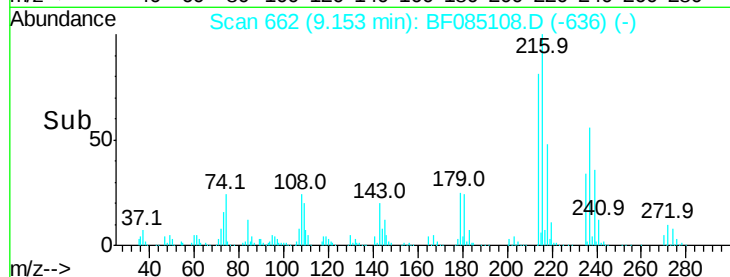


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.85 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

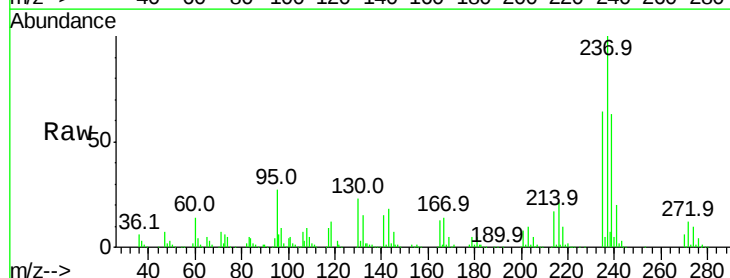
Tgt Ion:237 Resp: 586666

Ion Ratio Lower Upper

237 100

235 63.8 45.3 85.3

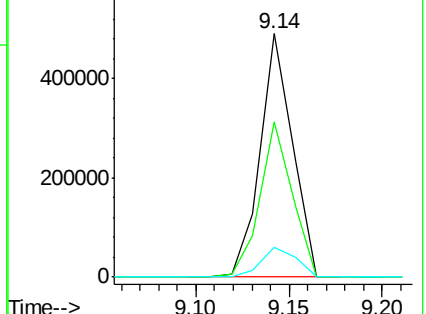
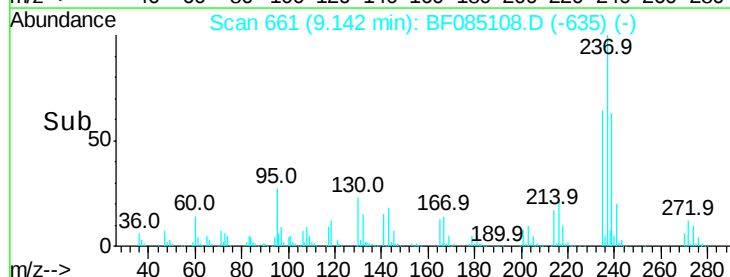
272 12.4 0.0 31.2

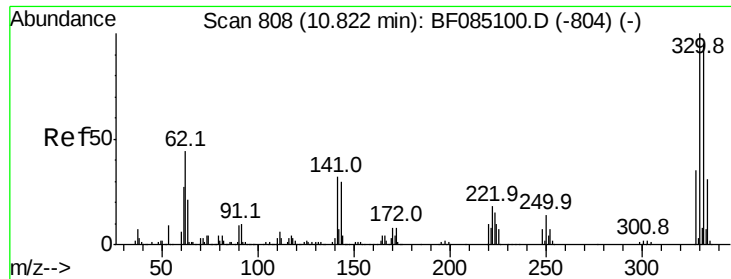


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

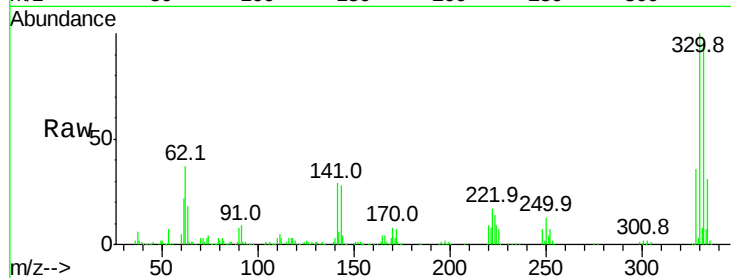




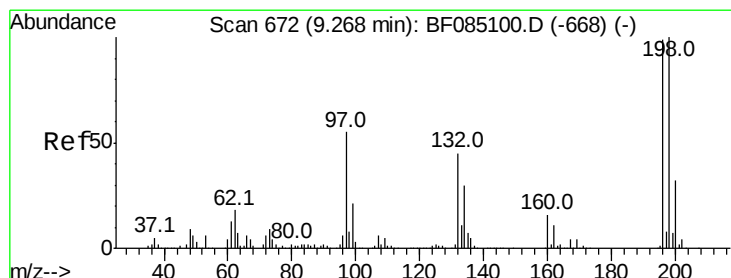
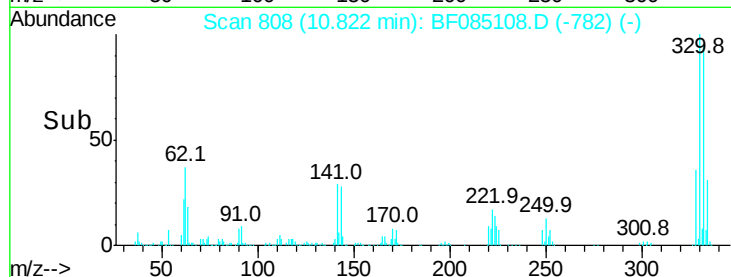
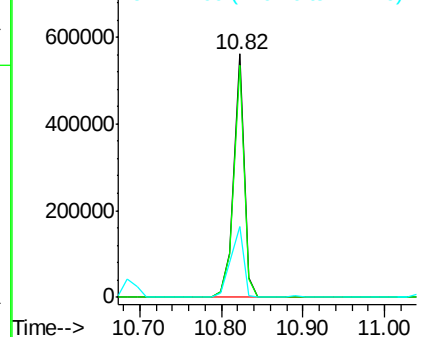
#41
 2,4,6-Tribromophenol
 Concen: 119.85 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 498442
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.9 113.9
 141 35.5 28.9 43.3

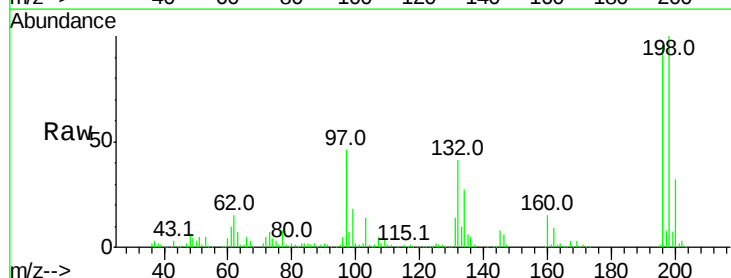


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

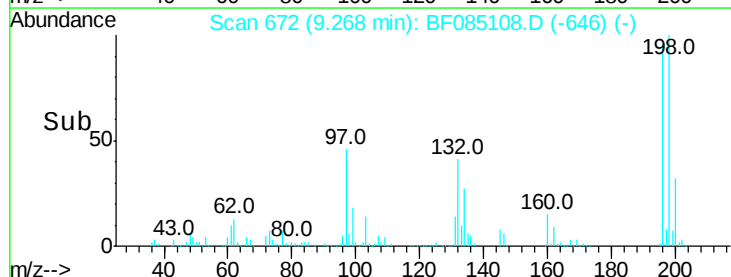
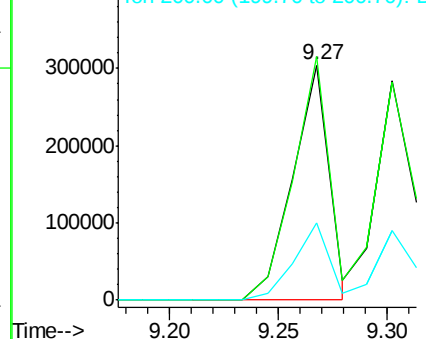


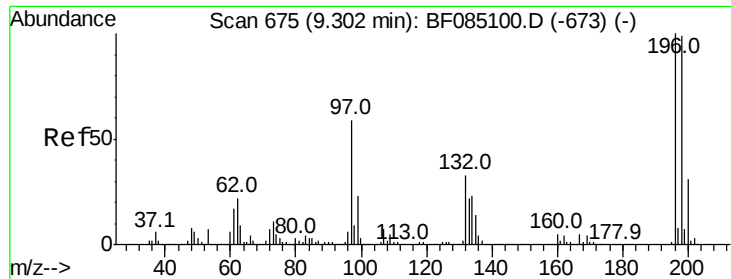
#42
 2,4,6-Trichlorophenol
 Concen: 41.39 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Tgt Ion:196 Resp: 355144
 Ion Ratio Lower Upper
 196 100
 198 103.7 80.4 120.6
 200 32.9 25.8 38.8



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

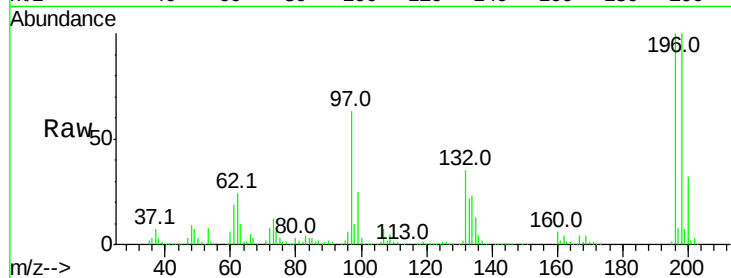




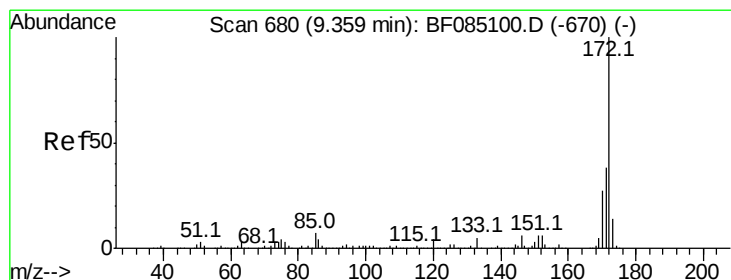
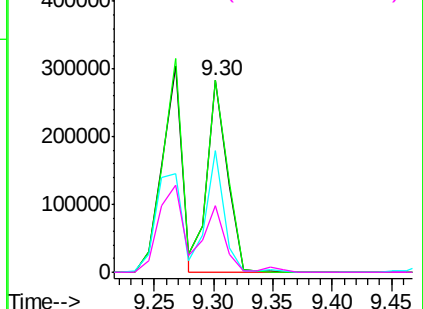
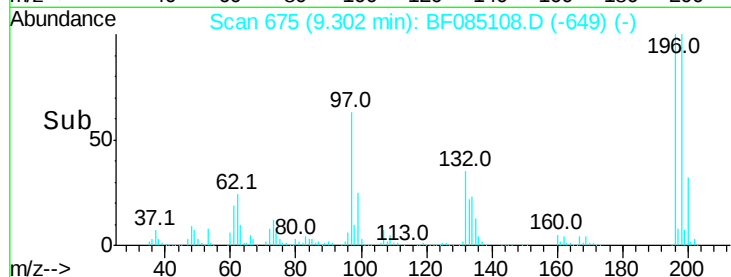
#43
 2,4,5-Trichlorophenol
 Concen: 40.27 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 331109
 Ion Ratio Lower Upper
 196 100
 198 99.8 79.5 119.3
 97 63.4 47.3 70.9
 132 34.5 26.5 39.7

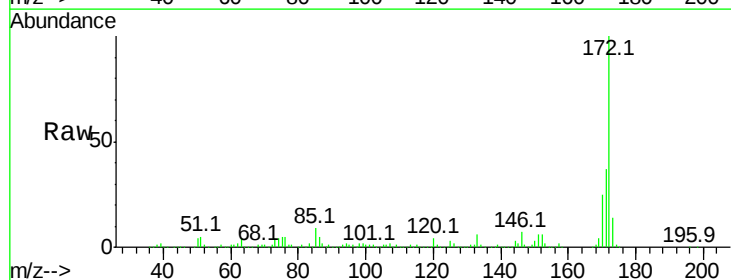


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

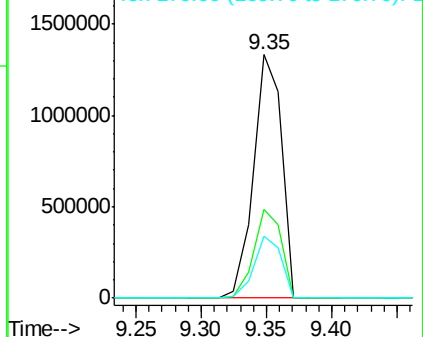
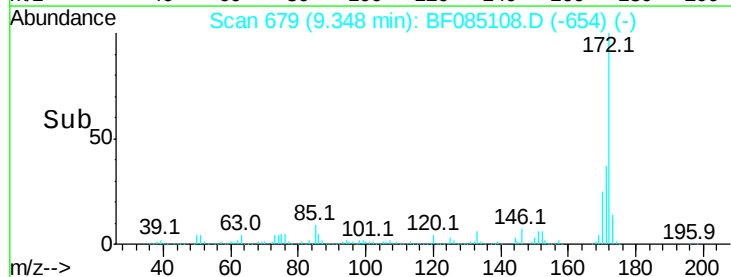


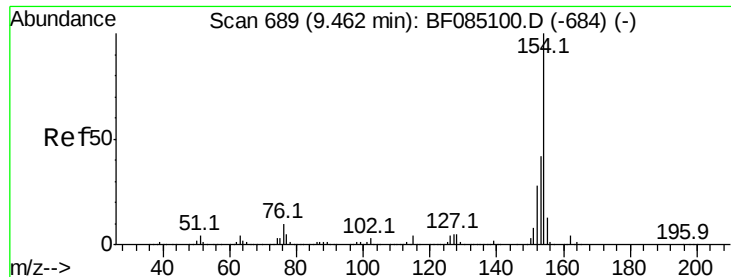
#44
 2-Fluorobiphenyl
 Concen: 70.88 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Tgt Ion:172 Resp: 1991657
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.5 45.7
 170 25.3 21.2 31.8



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: 34.42 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

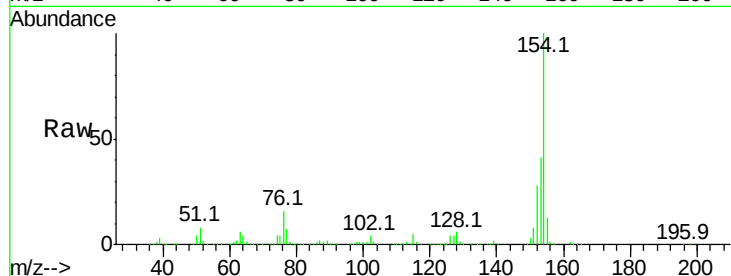
Tot Ion:154 Resp: 1264306

Ion Ratio Lower Upper

154 100

153 41.4 21.5 61.5

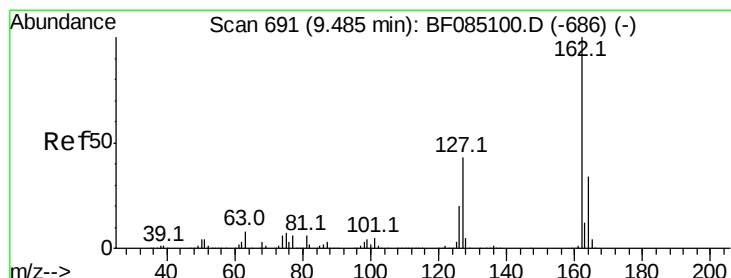
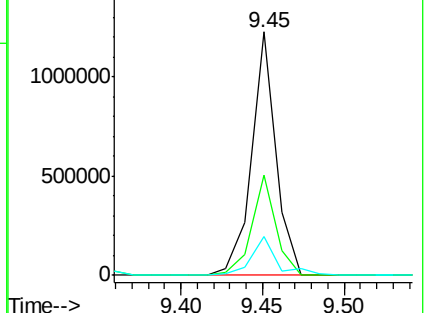
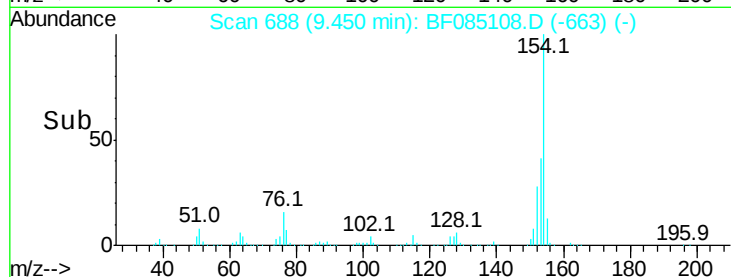
76 16.1 0.0 29.7



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: 37.46 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

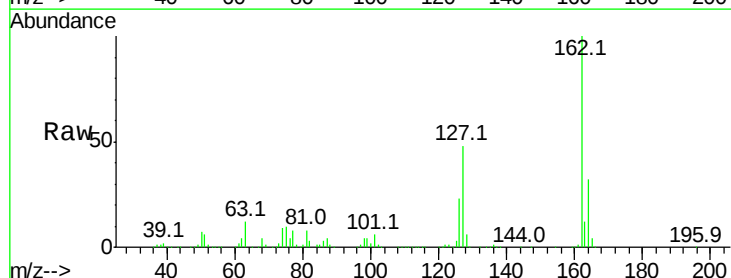
Tgt Ion:162 Resp: 1003757

Ion Ratio Lower Upper

162 100

127 47.9 34.2 51.4

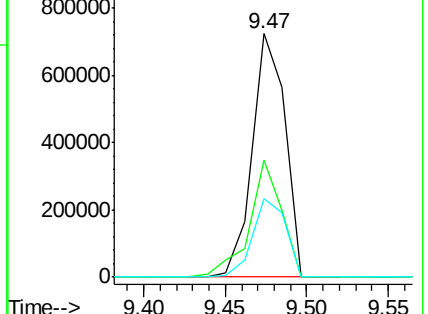
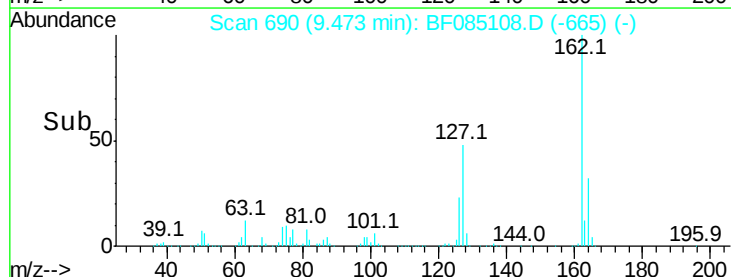
164 32.5 27.2 40.8

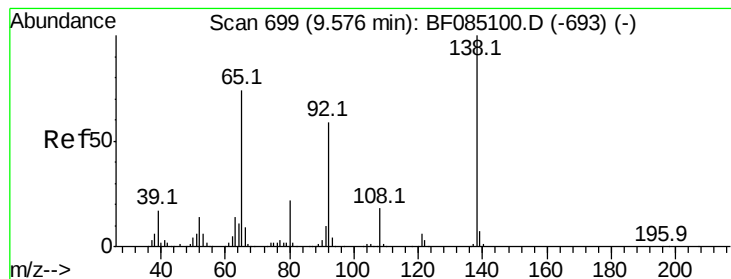


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.19 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

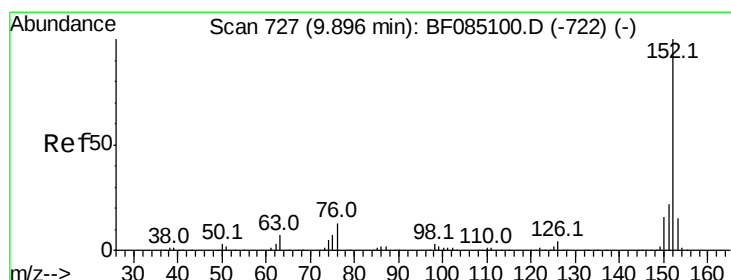
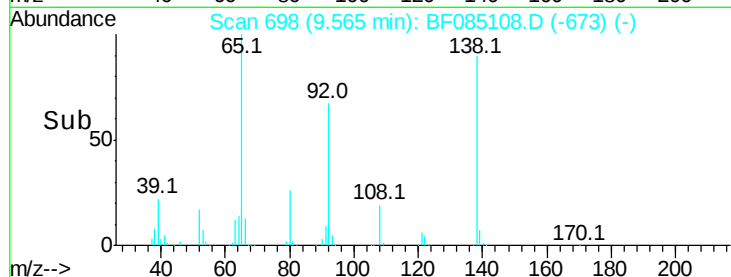
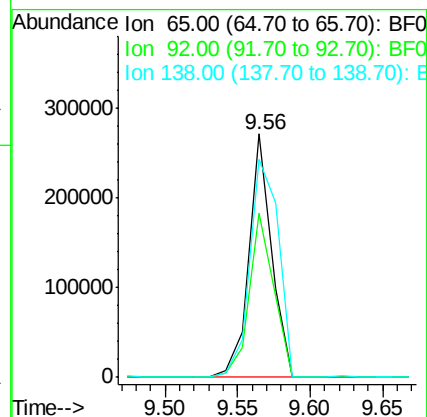
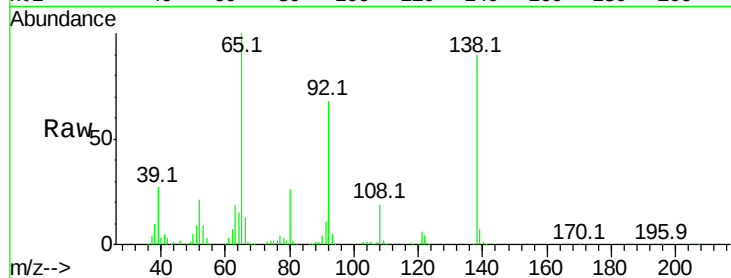
Tot Ion: 65 Resp: 295983

Ion Ratio Lower Upper

65 100

92 67.5 63.8 95.6

138 89.7 108.5 162.7#



#48

Acenaphthylene

Concen: 39.98 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

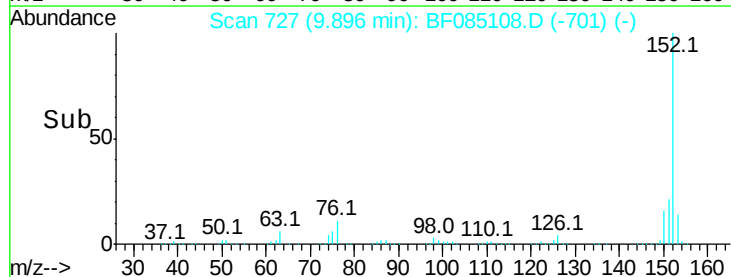
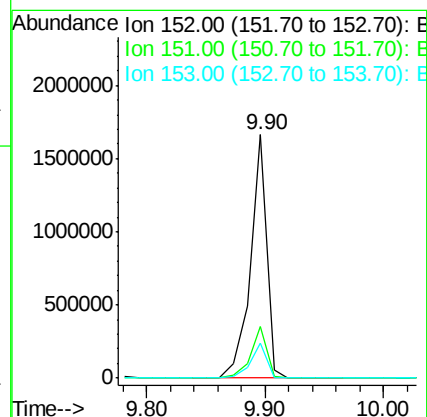
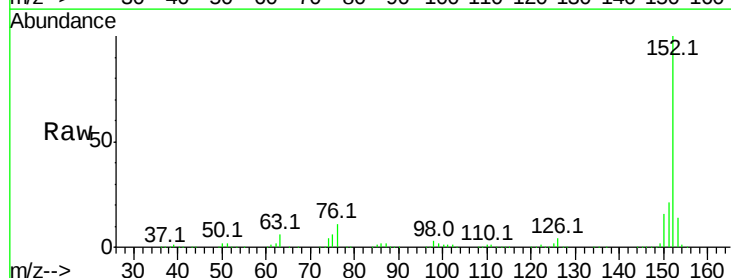
Tgt Ion: 152 Resp: 1591770

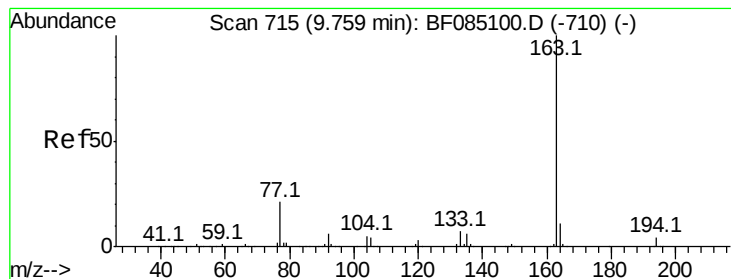
Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.0

153 14.5 12.0 18.0





#49

Dimethylphthalate

Concen: 37.66 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

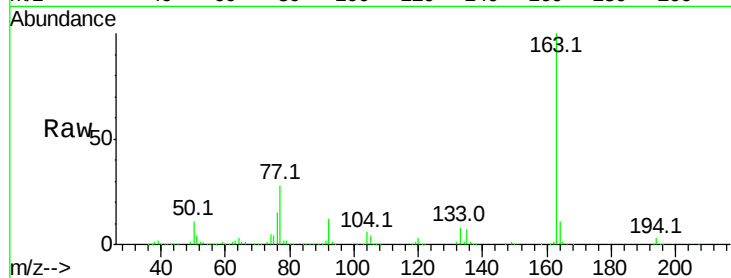
Tot Ion:163 Resp: 1155690

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

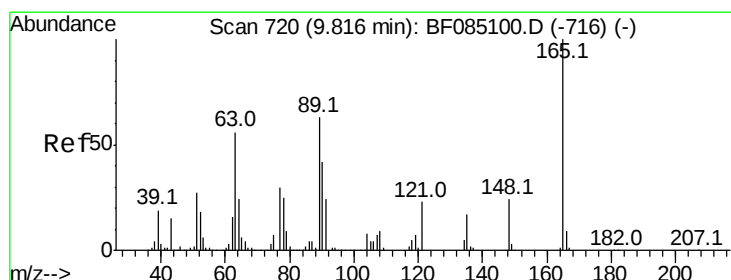
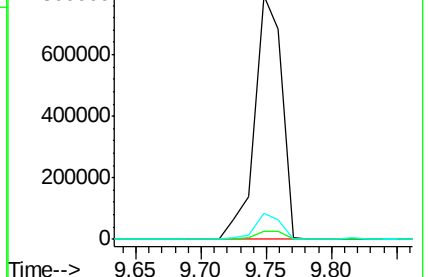
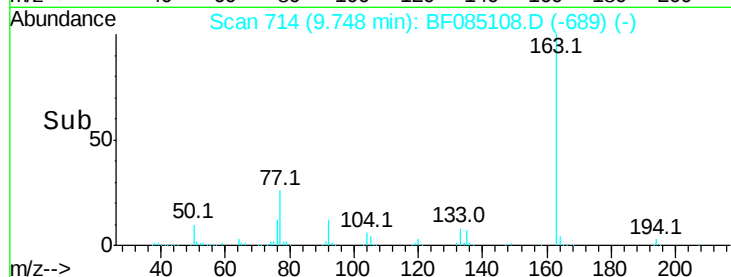
164 10.8 8.6 12.8



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: 43.54 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

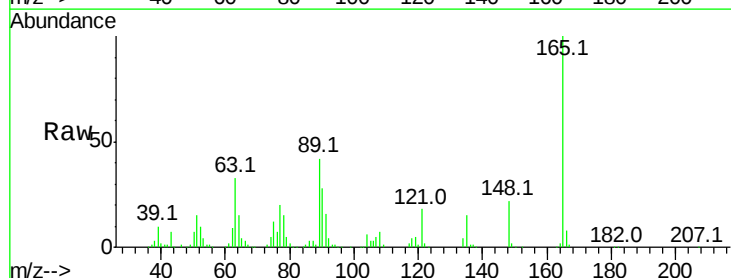
Tgt Ion:165 Resp: 277075

Ion Ratio Lower Upper

165 100

63 33.3 47.4 71.2#

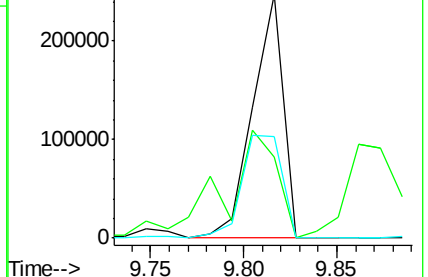
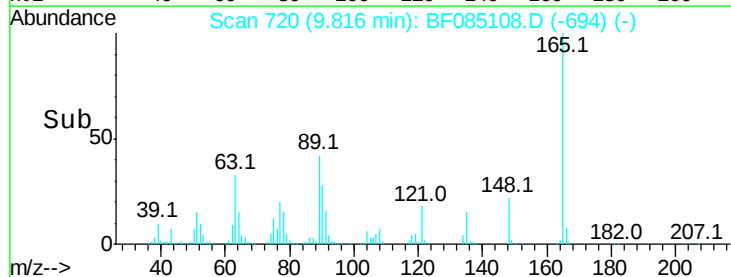
89 41.8 50.2 75.2#

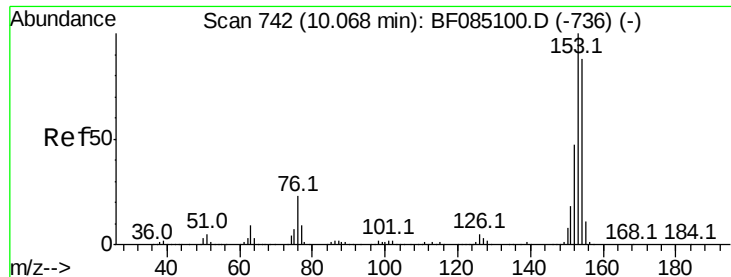


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.63 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

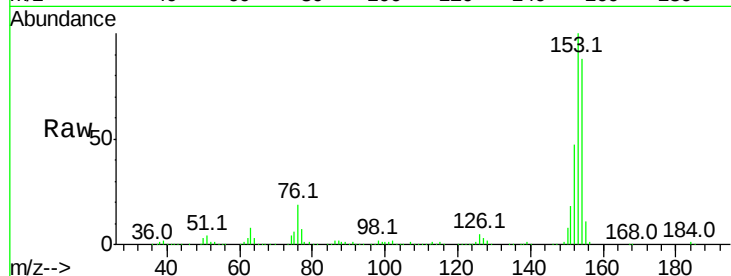
Tot Ion:154 Resp: 1090760

Ion Ratio Lower Upper

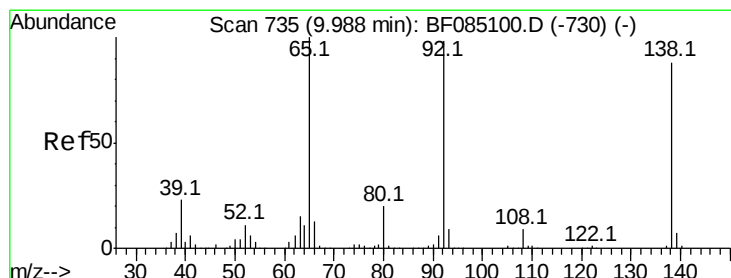
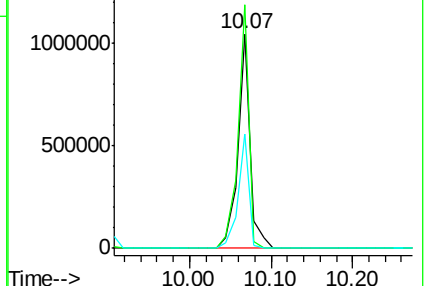
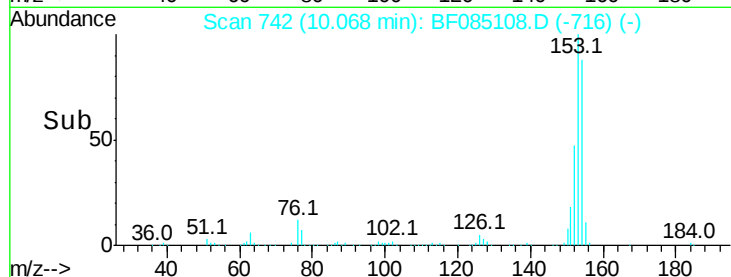
154 100

153 113.5 91.0 136.6

152 53.4 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: 18.62 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

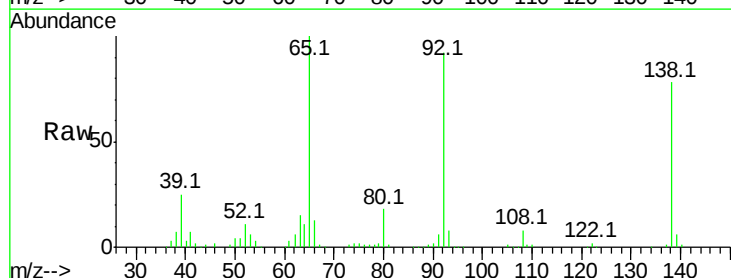
Tgt Ion:138 Resp: 140745

Ion Ratio Lower Upper

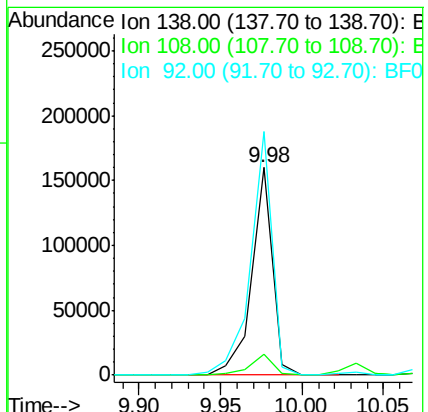
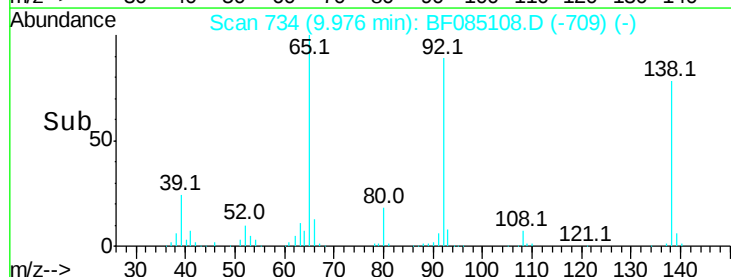
138 100

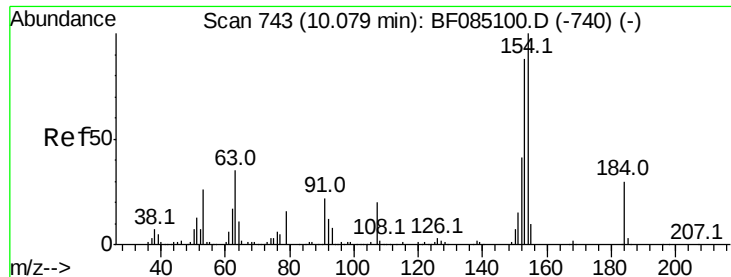
108 10.3 8.2 12.2

92 117.5 89.0 133.6



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

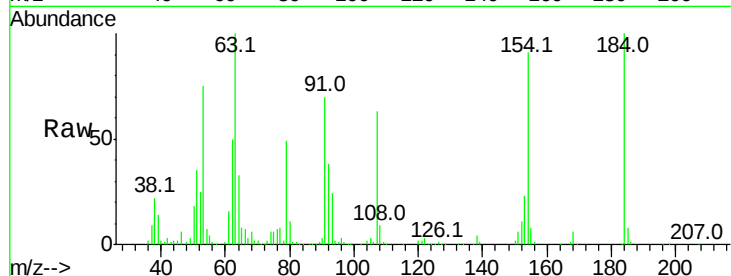




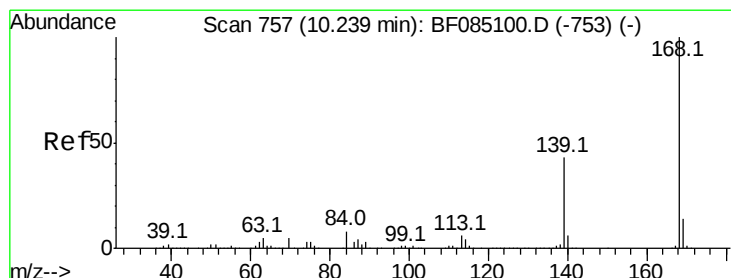
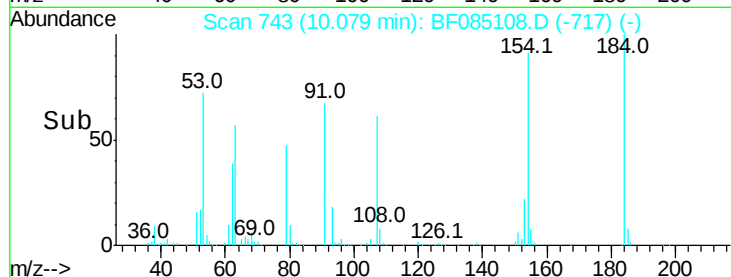
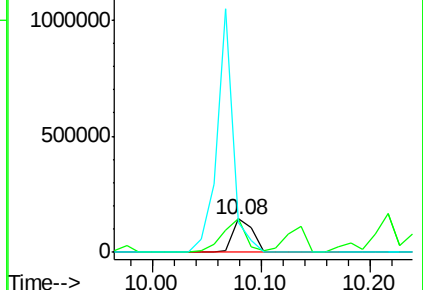
#53
2,4-Dinitrophenol
Concen: 65.32 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 180932
Ion Ratio Lower Upper
184 100
63 100.3 94.0 141.0
154 91.0 269.8 404.8#

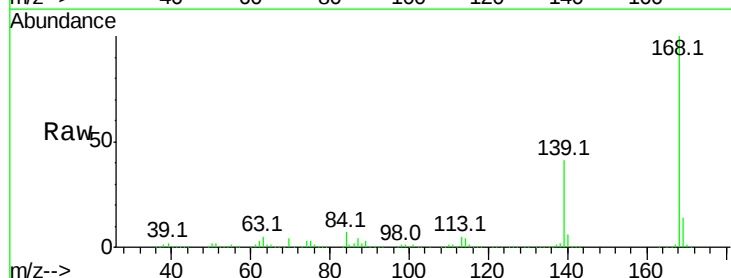


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

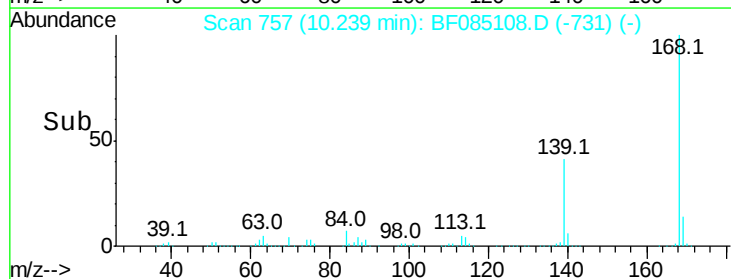
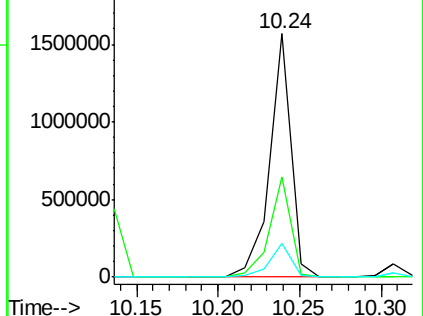


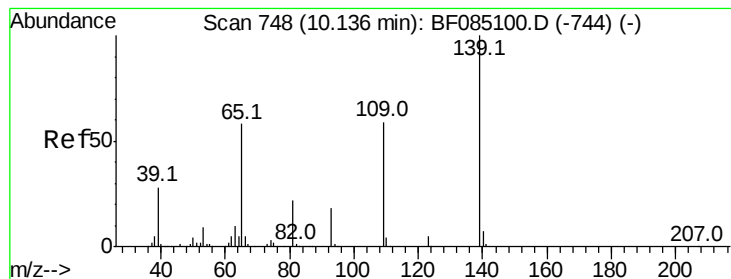
#54
Dibenzofuran
Concen: 43.69 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Tgt Ion:168 Resp: 1417912
Ion Ratio Lower Upper
168 100
139 41.2 34.2 51.2
169 14.1 11.4 17.2



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





#55

4-Nitrophenol

Concen: 87.83 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

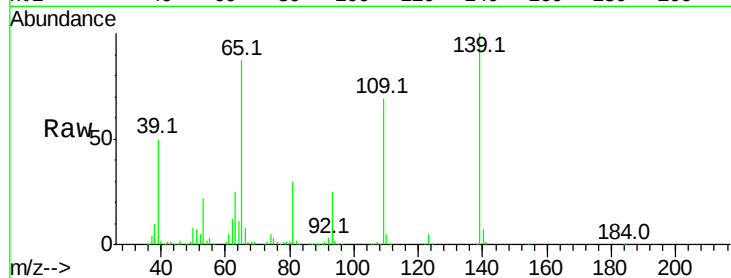
Tot Ion:139 Resp: 509359

Ion Ratio Lower Upper

139 100

109 68.9 39.5 79.5

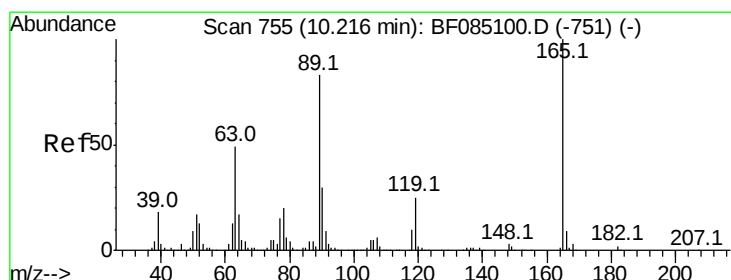
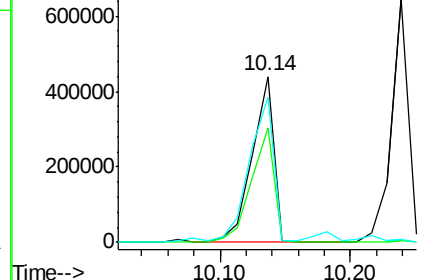
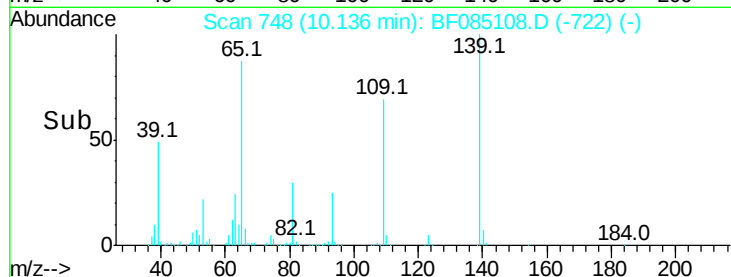
65 87.3 38.4 78.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.45 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Tgt Ion:165 Resp: 381100

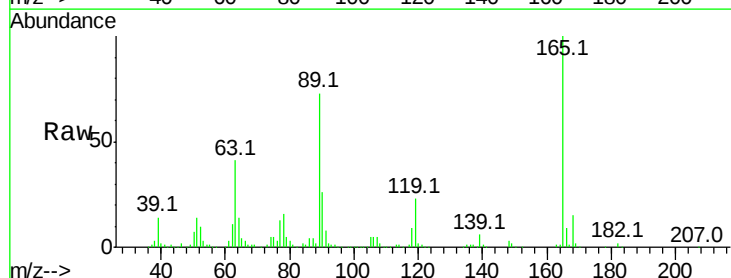
Ion Ratio Lower Upper

165 100

63 41.0 39.2 58.8

89 72.7 66.2 99.4

182 2.5 1.8 2.8

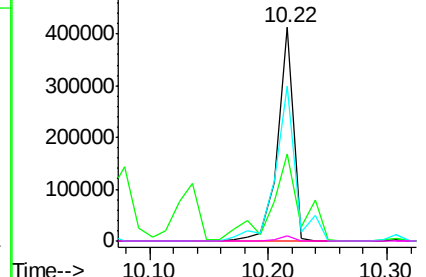
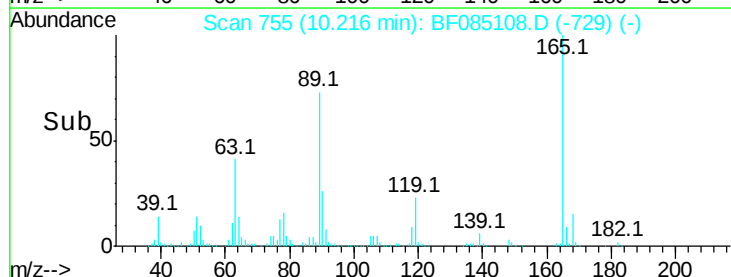


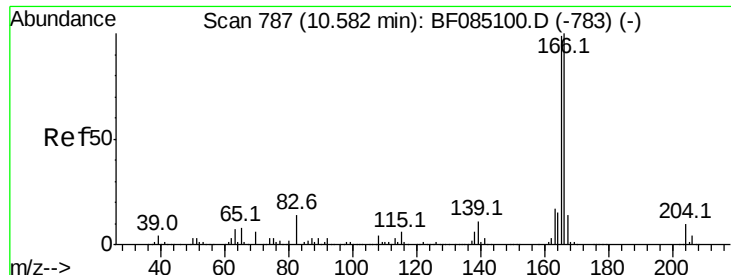
Abundance Ion 165.00 (164.70 to 165.70): E

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

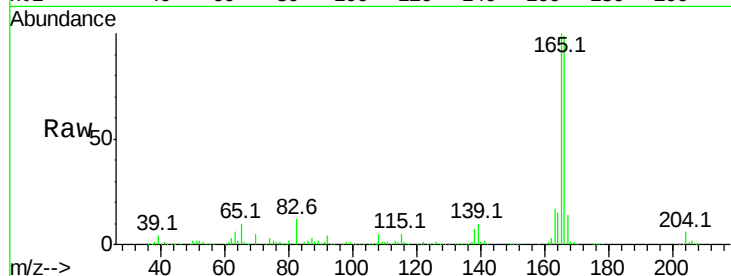




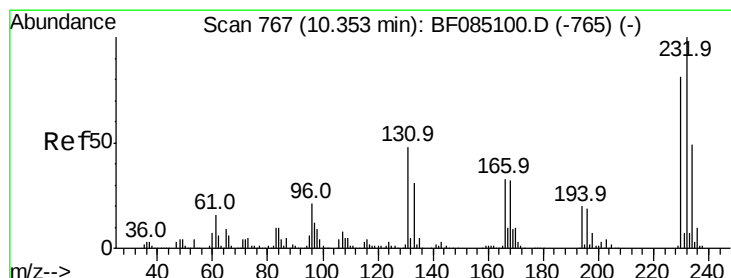
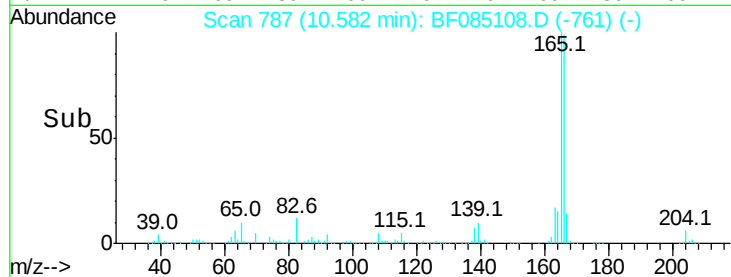
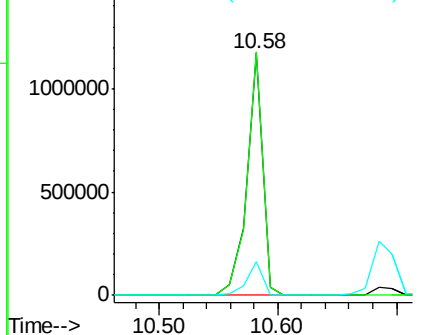
#57
 Fluorene
 Concen: 42.78 ng
 RT: 10.58 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1091781
 Ion Ratio Lower Upper
 166 100
 165 100.7 79.4 119.2
 167 14.0 11.2 16.8

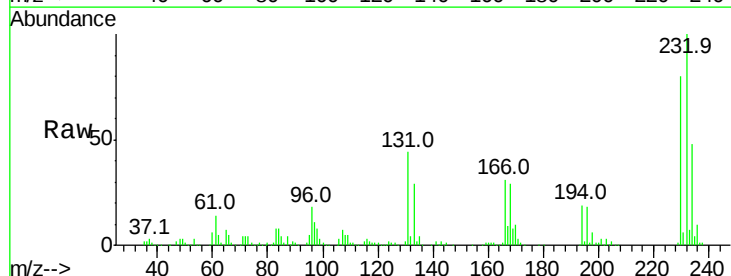


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

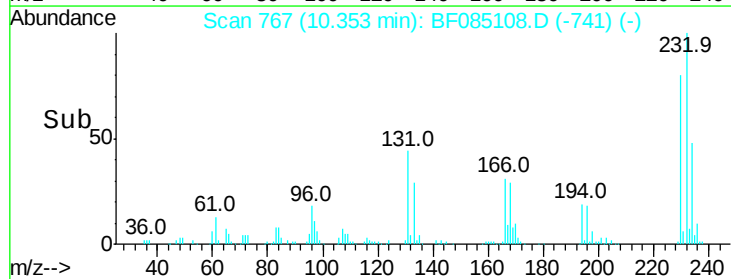
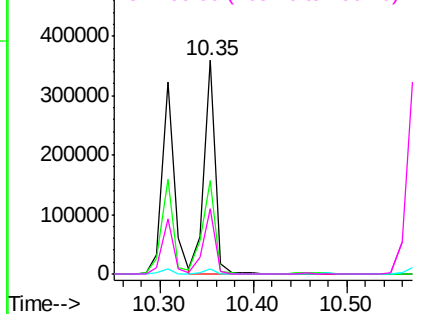


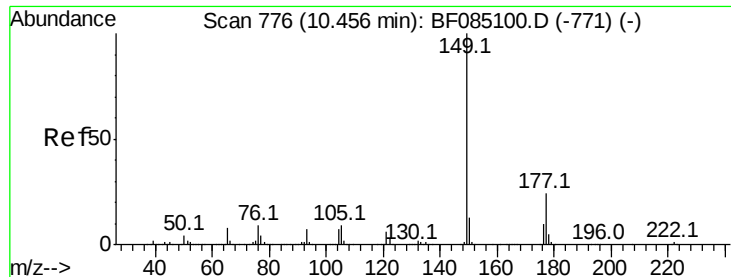
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.25 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Tgt Ion:232 Resp: 306784
 Ion Ratio Lower Upper
 232 100
 131 49.3 41.6 62.4
 130 2.4 2.1 3.1
 166 32.2 26.8 40.2



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

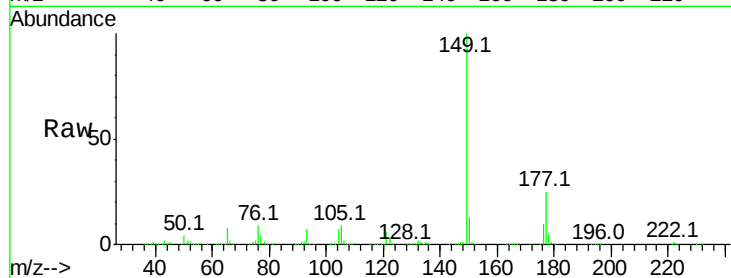




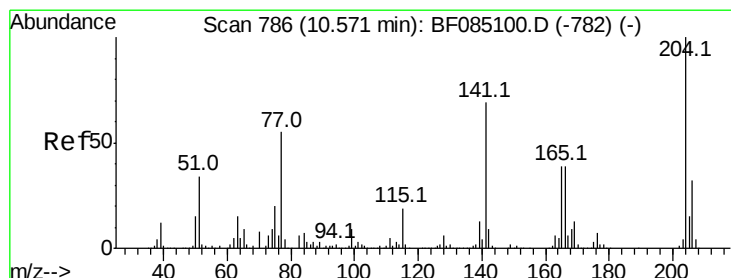
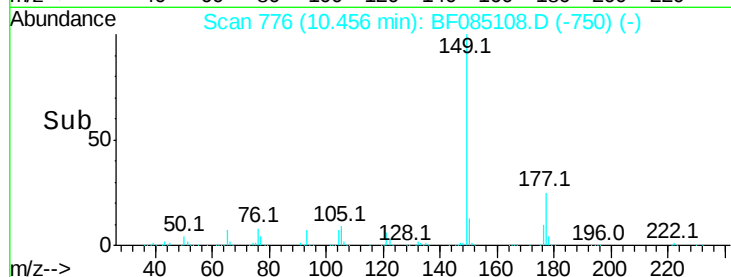
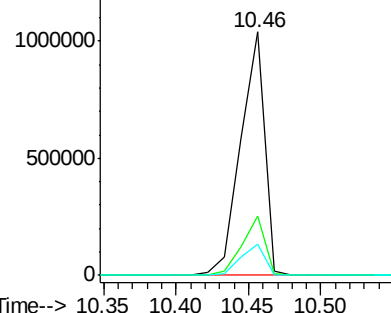
#59
Diethylphthalate
Concen: 40.51 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1191268
Ion Ratio Lower Upper
149 100
177 24.5 19.4 29.2
150 12.6 10.1 15.1

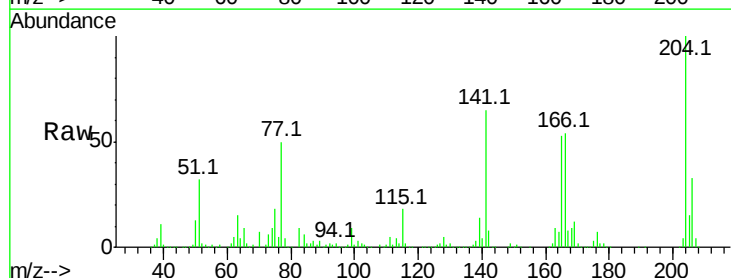


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

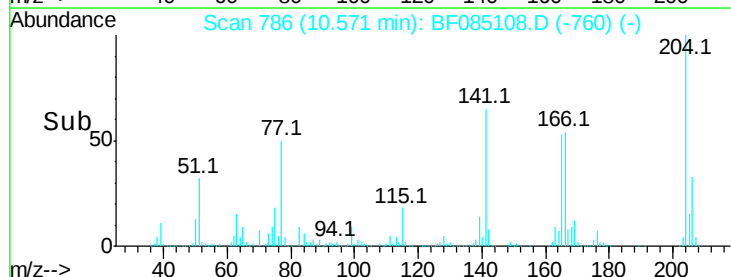
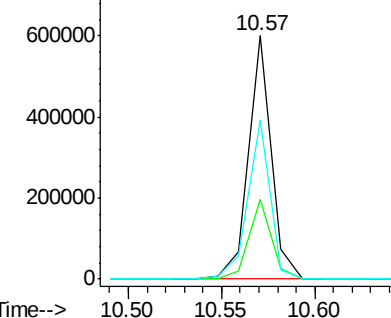


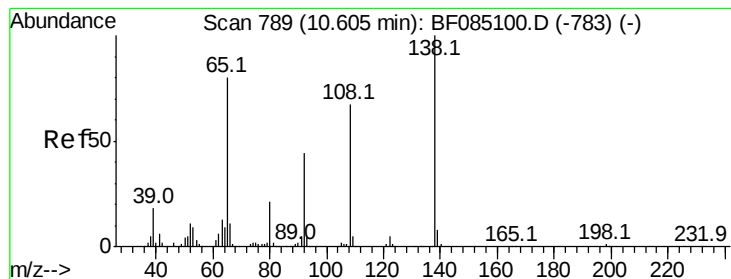
#60
4-Chlorophenyl-phenylether
Concen: 39.07 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Tgt Ion:204 Resp: 513941
Ion Ratio Lower Upper
204 100
206 32.8 25.7 38.5
141 65.5 55.3 82.9



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: 36.47 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

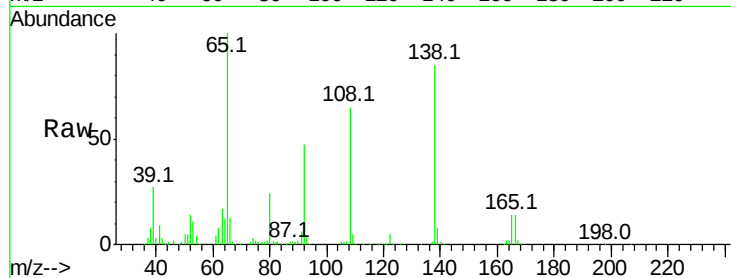
Tot Ion:138 Resp: 258366

Ion Ratio Lower Upper

138 100

92 55.3 23.5 63.5

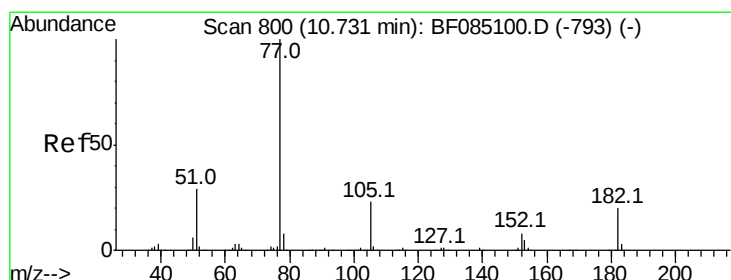
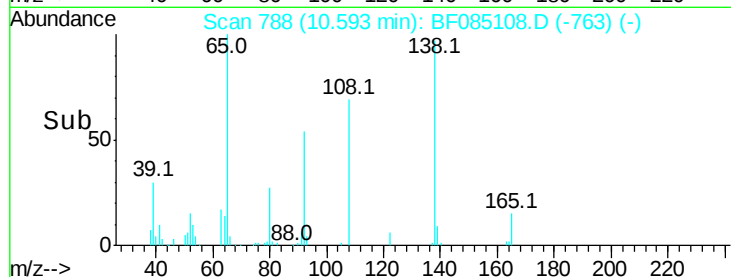
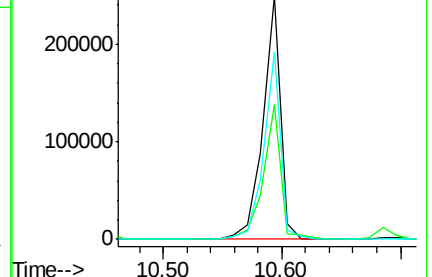
108 76.7 46.8 86.8



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: 43.92 ng

RT: 10.73 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Tgt Ion: 77 Resp: 1305035

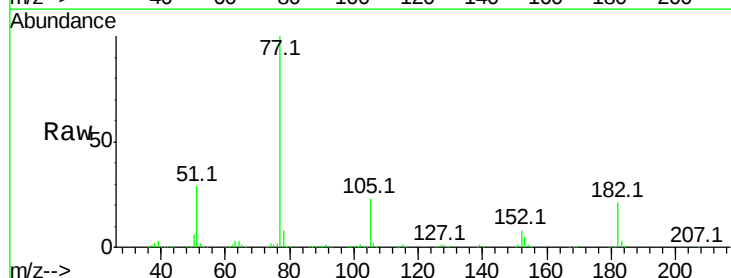
Ion Ratio Lower Upper

77 100

182 20.7 0.0 39.8

105 22.8 2.7 42.7

51 28.9 9.4 49.4

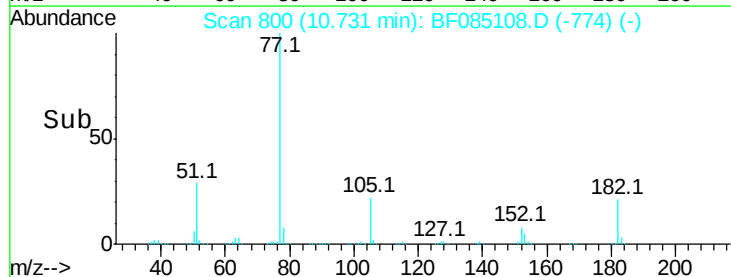
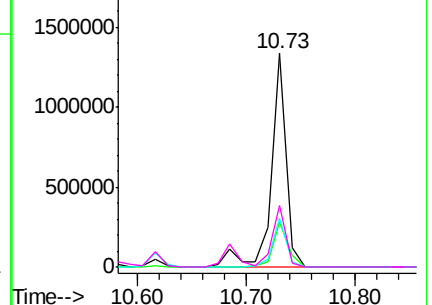


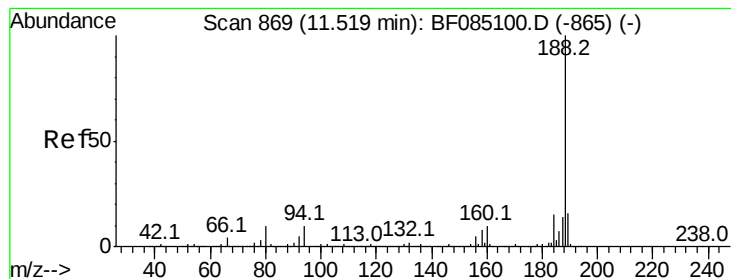
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

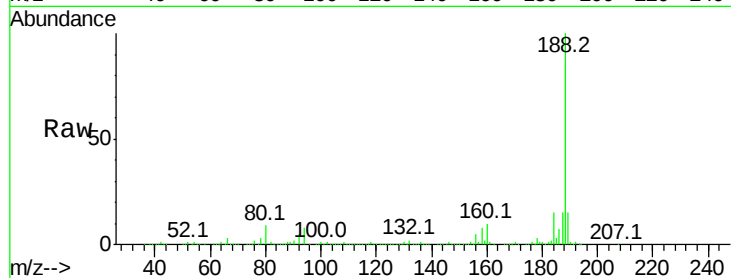
Tot Ion:188 Resp: 756422

Ion Ratio Lower Upper

188 100

94 8.5 7.8 11.6

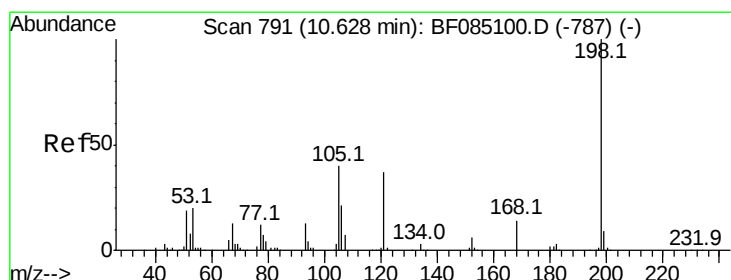
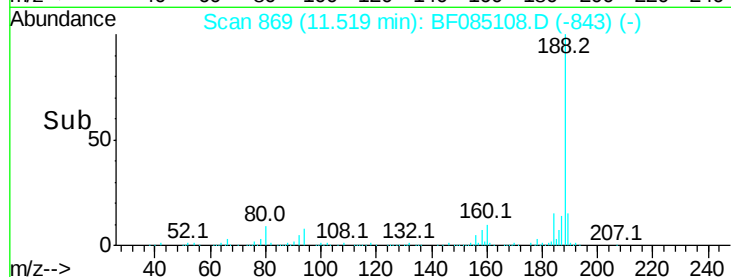
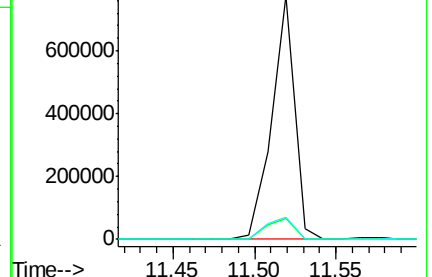
80 9.1 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.44 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

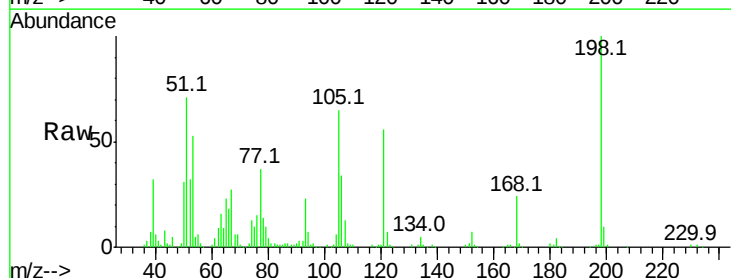
Tgt Ion:198 Resp: 151022

Ion Ratio Lower Upper

198 100

51 71.2 12.5 52.5#

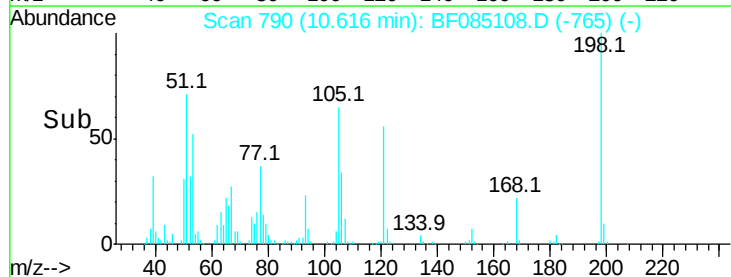
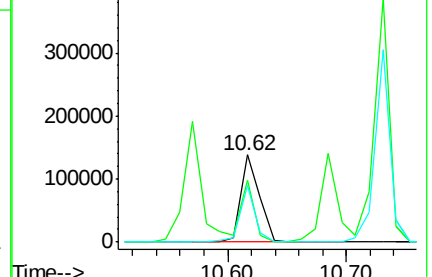
105 64.9 20.2 60.2#

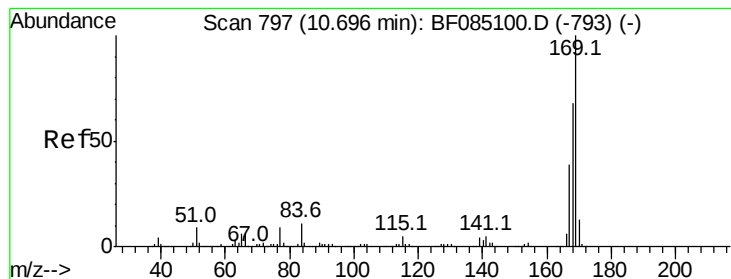


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.65 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

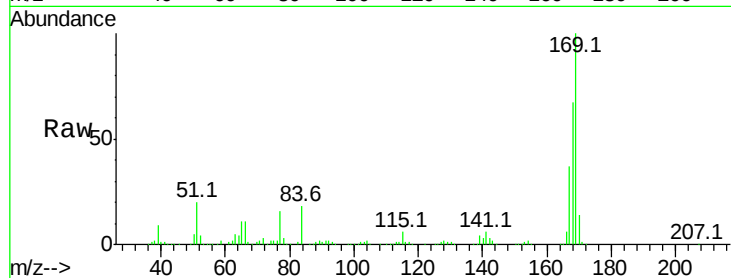
Tot Ion:169 Resp: 921319

Ion Ratio Lower Upper

169 100

168 66.8 54.6 81.8

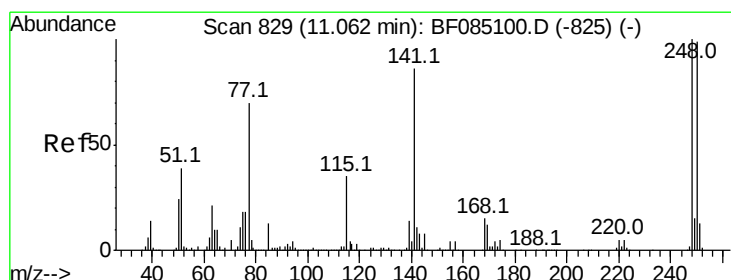
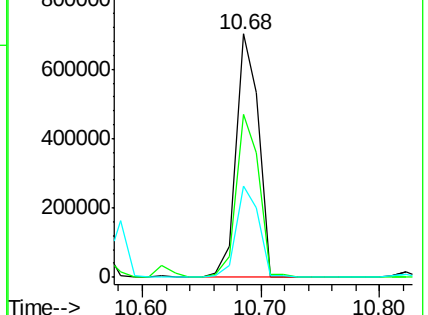
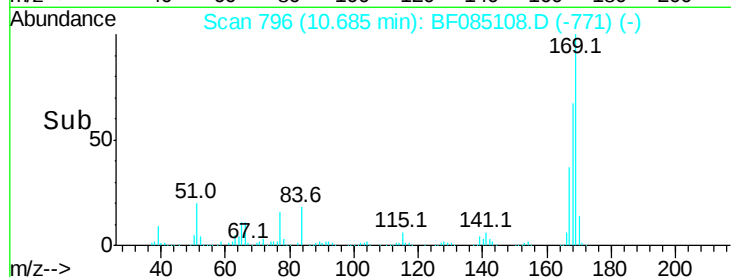
167 37.4 30.8 46.2



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: 42.89 ng

RT: 11.06 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

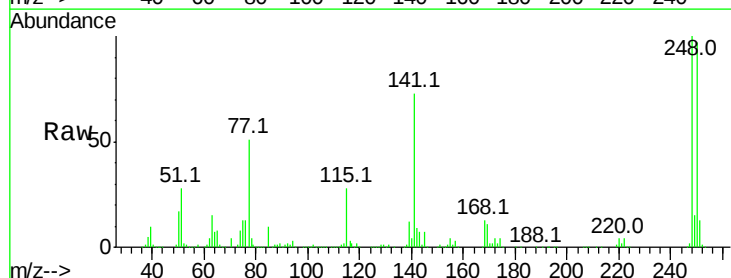
Tgt Ion:248 Resp: 340622

Ion Ratio Lower Upper

248 100

250 97.2 79.0 118.4

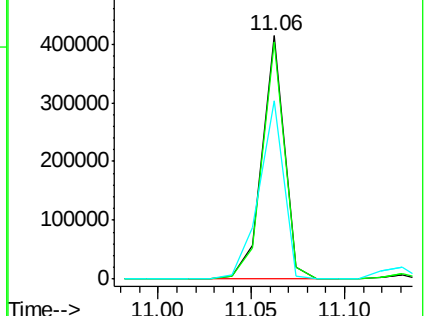
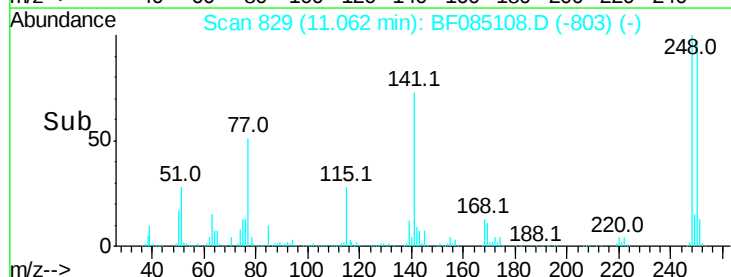
141 73.1 68.6 103.0

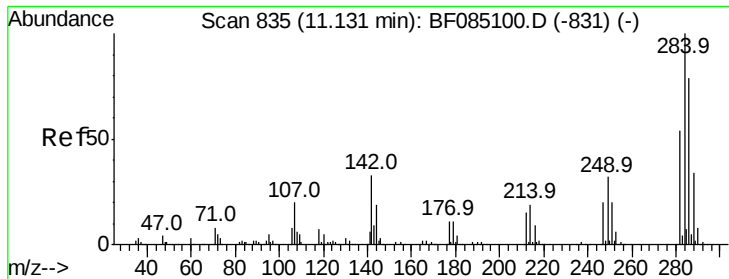


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

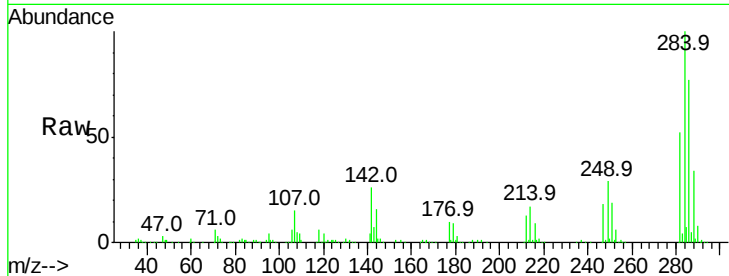




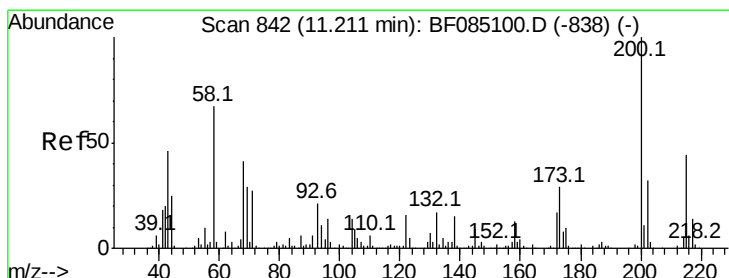
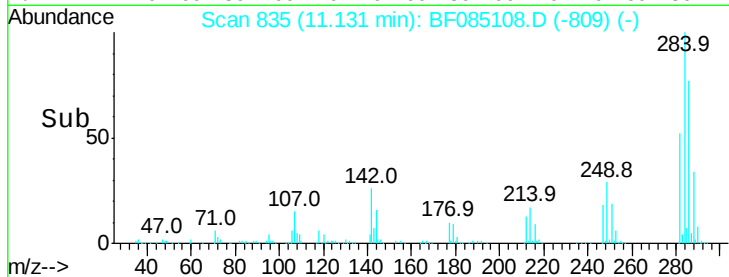
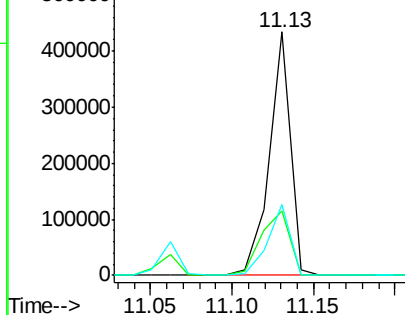
#67
Hexachlorobenzene
Concen: 43.74 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.2	26.3	39.5#
249	29.2	25.8	38.6

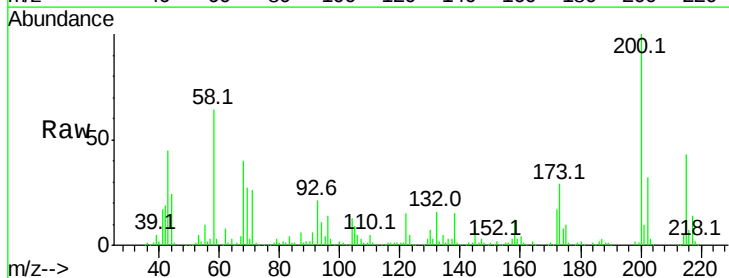


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

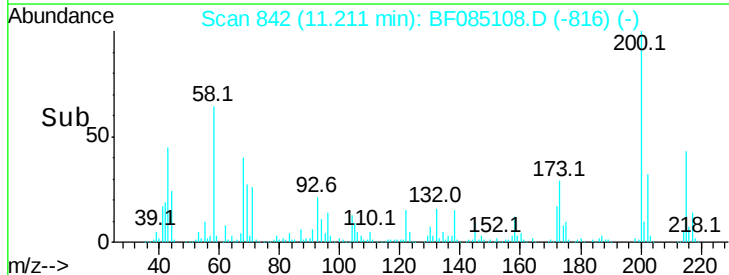
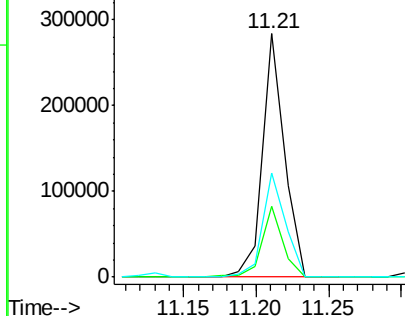


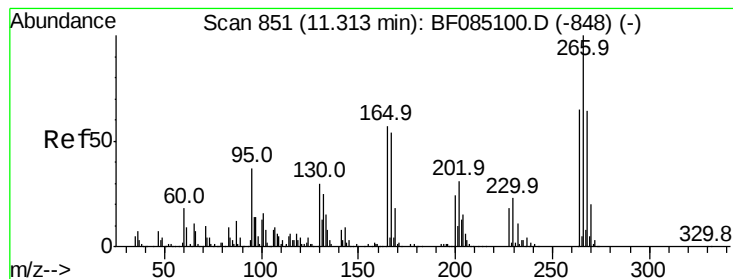
#68
Atrazine
Concen: 41.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	9.4	49.4
215	42.7	23.6	63.6



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: 80.16 ng

RT: 11.32 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :
BNA_F
ClientSampleId :

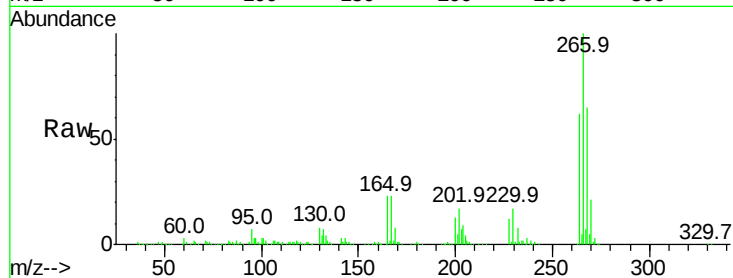
Tot Ion:266 Resp: 421745

Ion Ratio Lower Upper

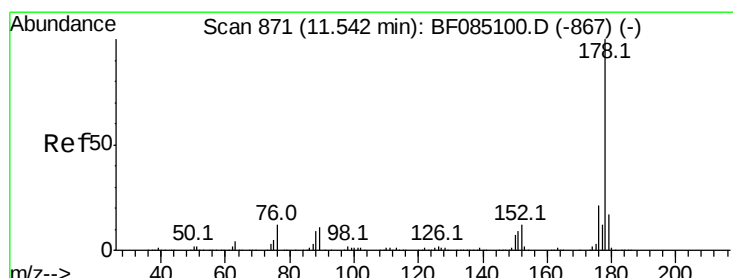
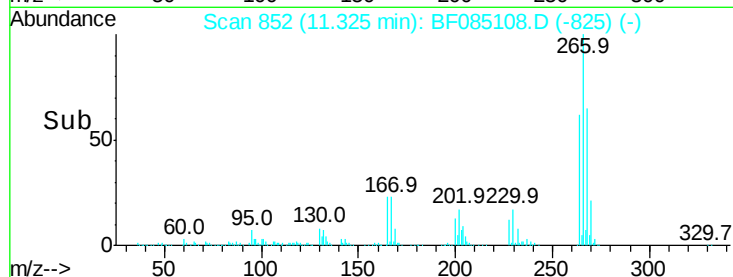
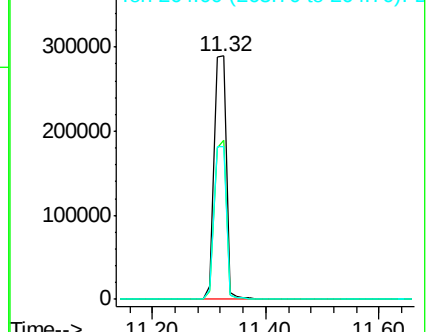
266 100

268 65.5 51.0 76.6

264 62.5 52.3 78.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.48 ng

RT: 11.54 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

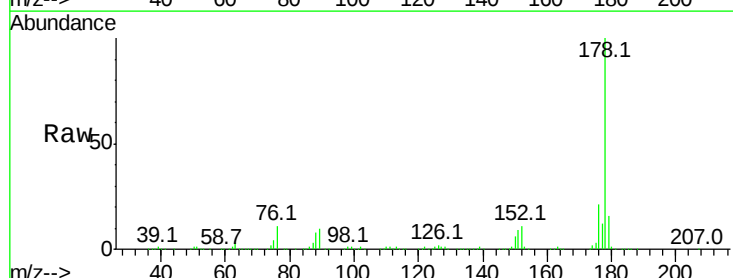
Tgt Ion:178 Resp: 1560576

Ion Ratio Lower Upper

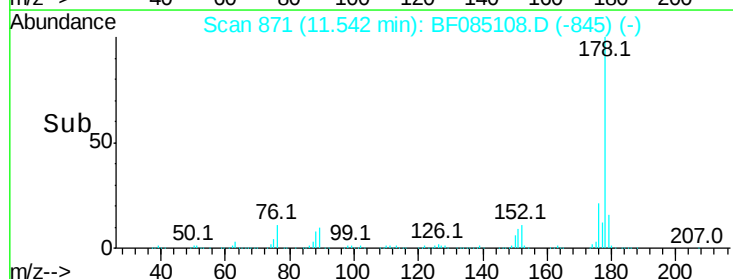
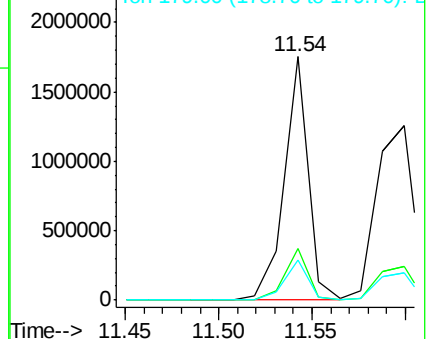
178 100

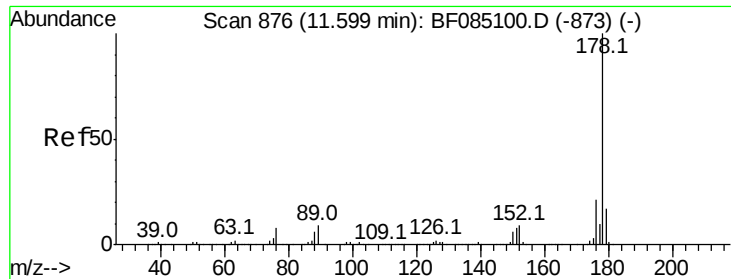
176 21.1 17.0 25.6

179 16.2 13.3 19.9



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

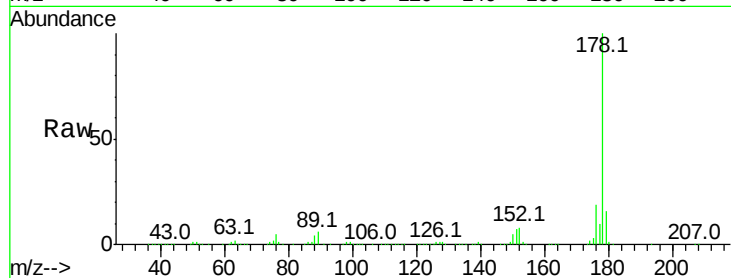




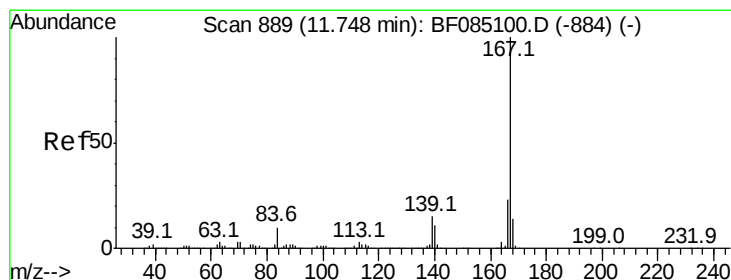
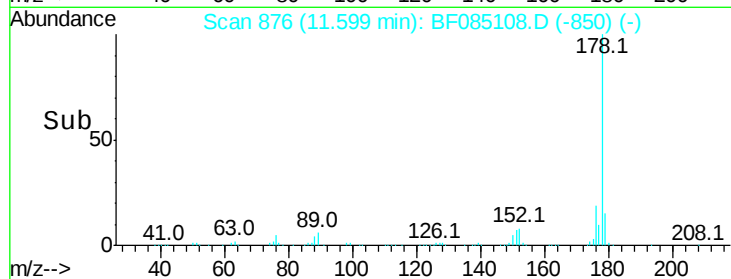
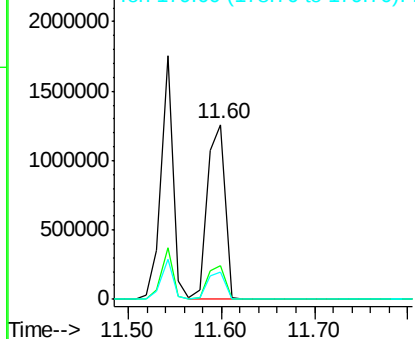
#71
 Anthracene
 Concen: 39.34 ng
 RT: 11.60 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1662212
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.6 25.0
 179 15.5 13.2 19.8

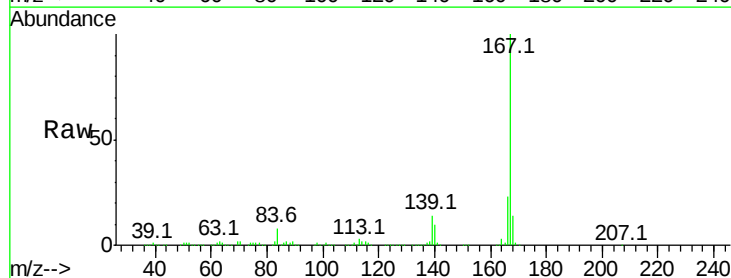


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

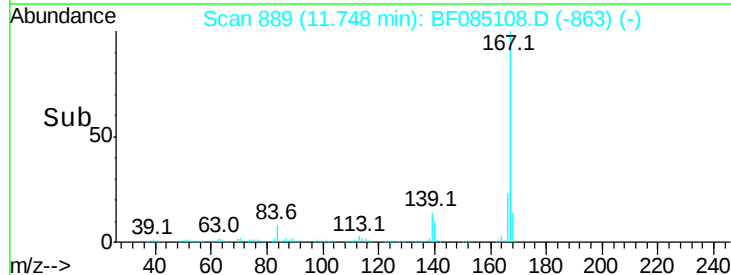
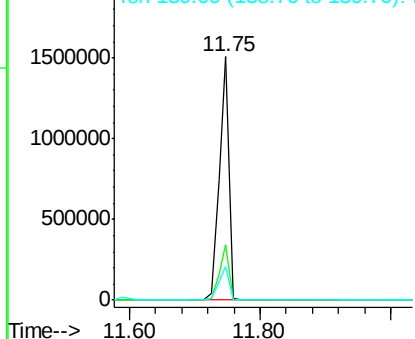


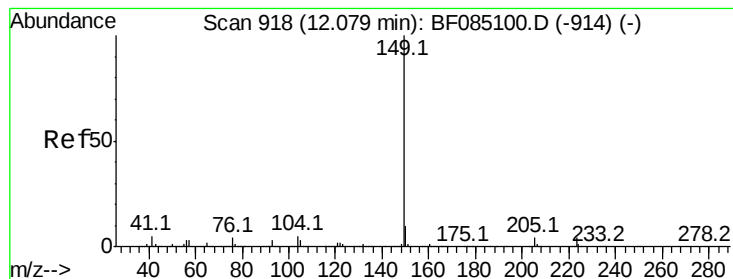
#72
 Carbazole
 Concen: 43.34 ng
 RT: 11.75 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Tgt Ion:167 Resp: 1593797
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.6 28.0
 139 13.6 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: 41.11 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

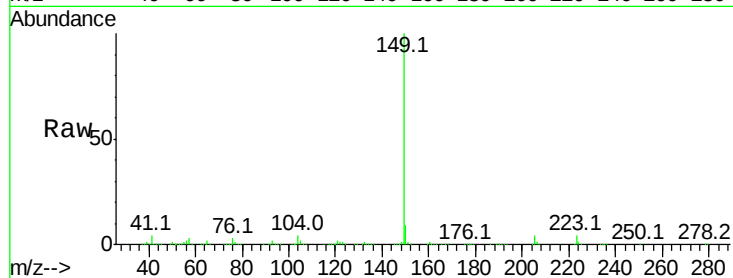
Tot Ion:149 Resp: 1799119

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

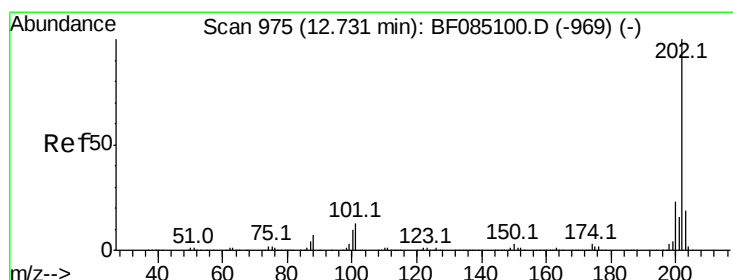
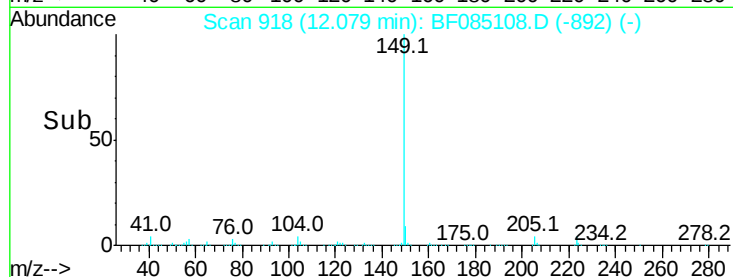
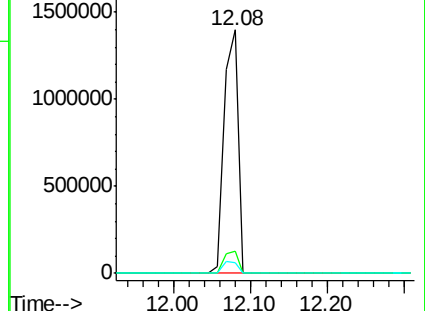
104 4.2 3.7 5.5



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: 42.92 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

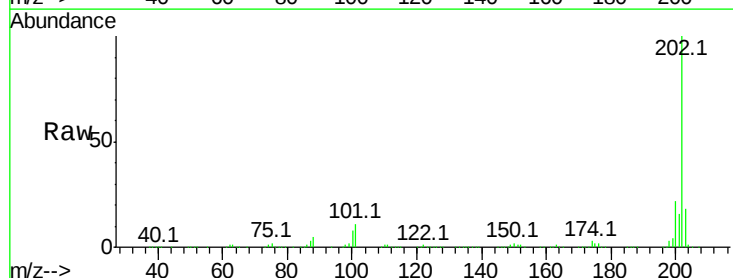
Tgt Ion:202 Resp: 1772446

Ion Ratio Lower Upper

202 100

101 10.8 0.0 33.2

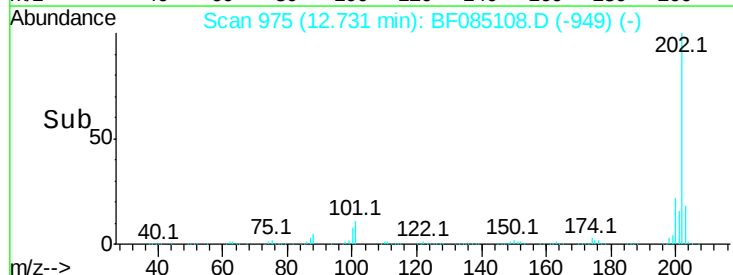
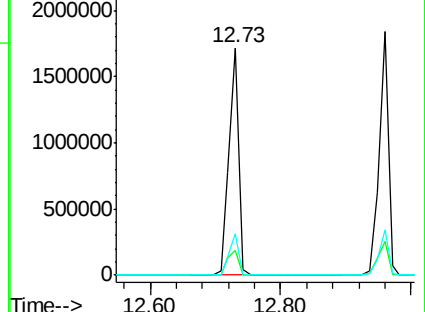
203 18.0 0.0 38.6

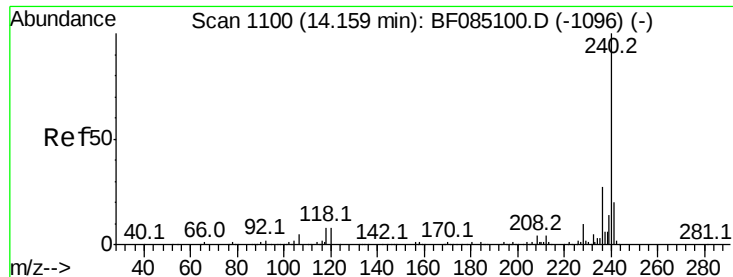


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

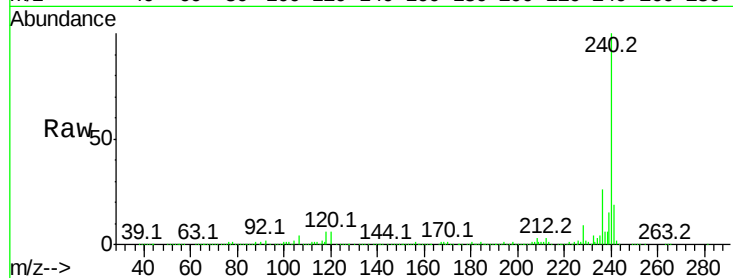
Tot Ion:240 Resp: 593372

Ion Ratio Lower Upper

240 100

120 6.5 6.7 10.1#

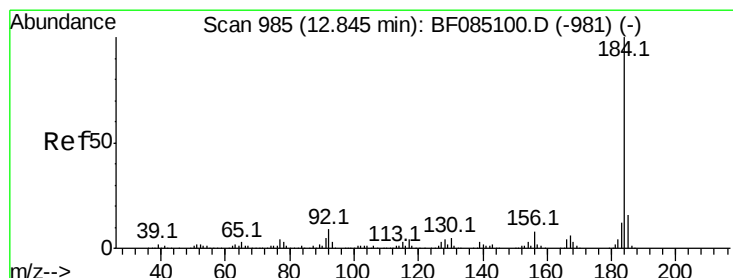
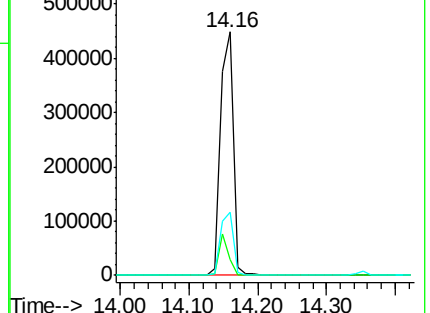
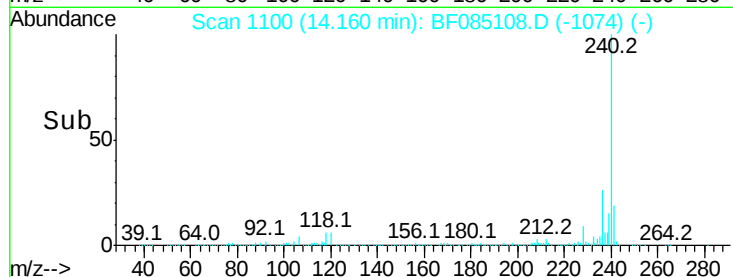
236 25.7 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.03 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

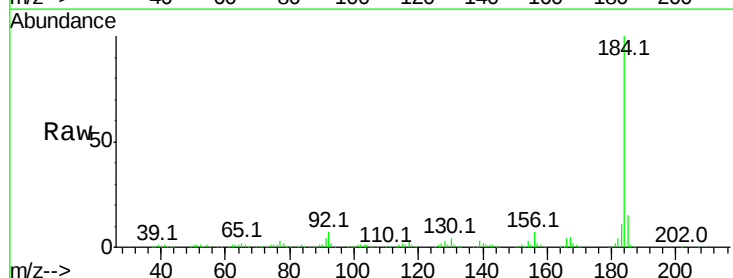
Tgt Ion:184 Resp: 484833

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

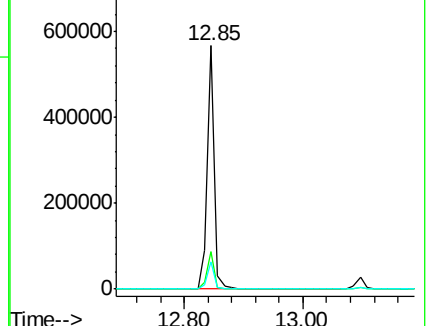
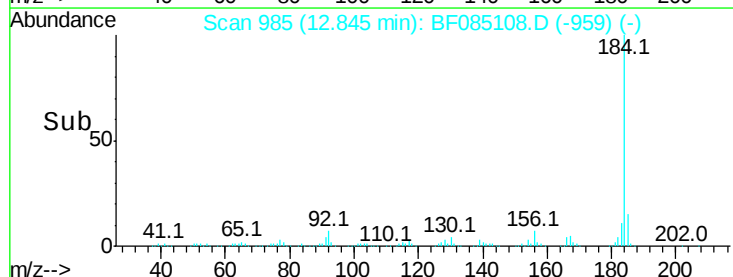
183 11.2 9.5 14.3

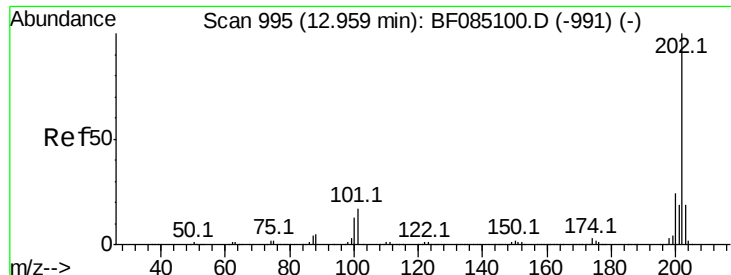


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

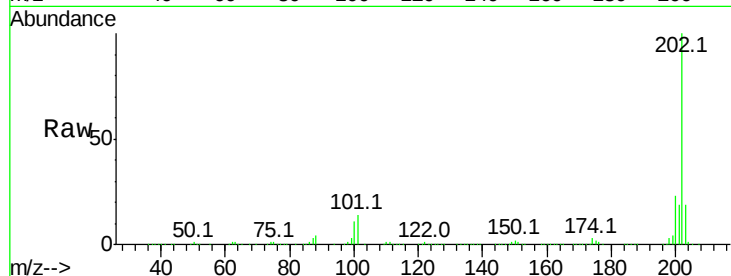




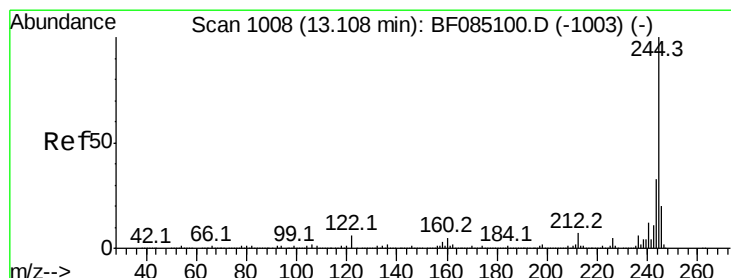
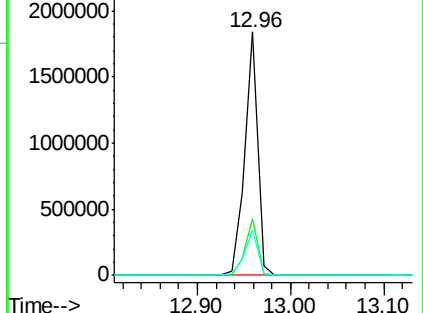
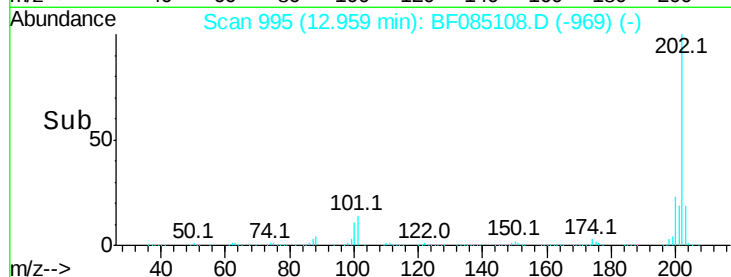
#77
 Pvrene
 Concen: 43.55 ng
 RT: 12.96 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1764168
 Ion Ratio Lower Upper
 202 100
 200 23.2 19.0 28.6
 203 18.6 15.0 22.6

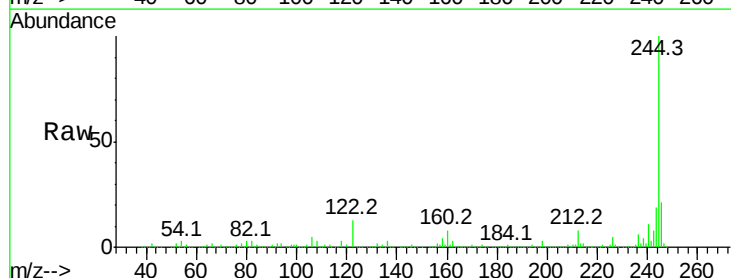


Abundance Ion 202.00 (201.70 to 202.70): E
 2500000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

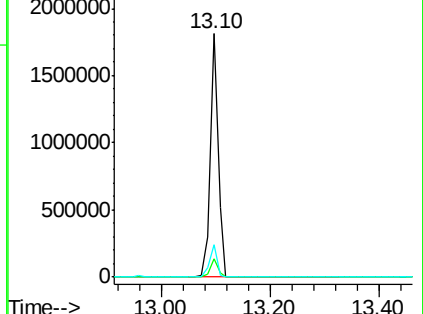
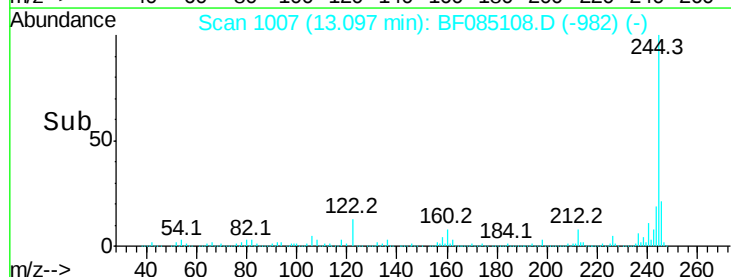


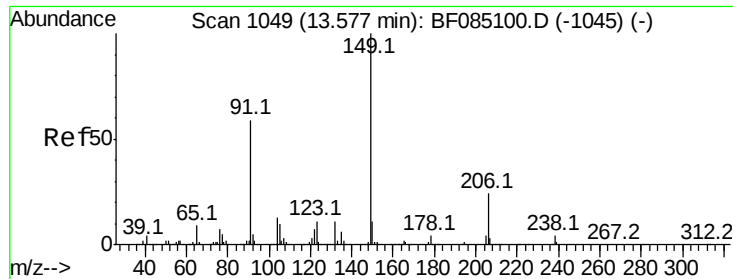
#78
 Terphenyl-d14
 Concen: 72.10 ng
 RT: 13.10 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Tgt Ion:244 Resp: 1823635
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.0
 122 13.3 5.1 7.7#



Abundance Ion 244.00 (243.70 to 244.70): E
 2500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

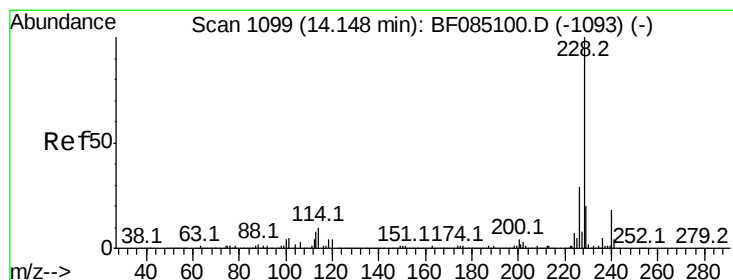
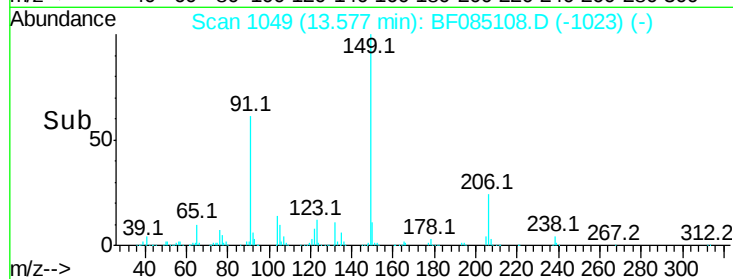
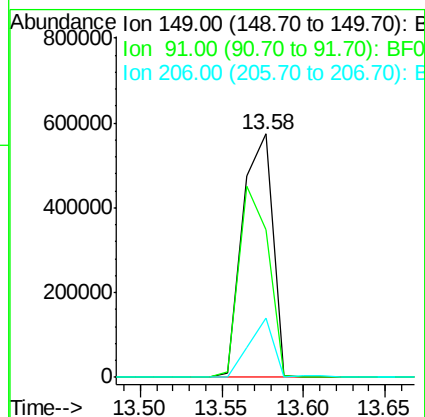
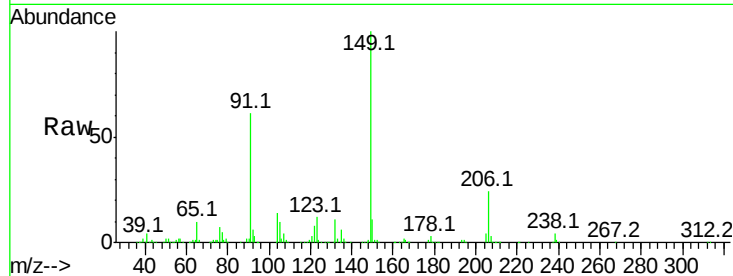




#79
 Butylbenzylphthalate
 Concen: 42.64 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

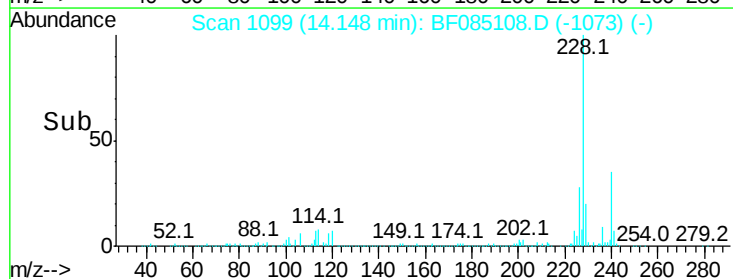
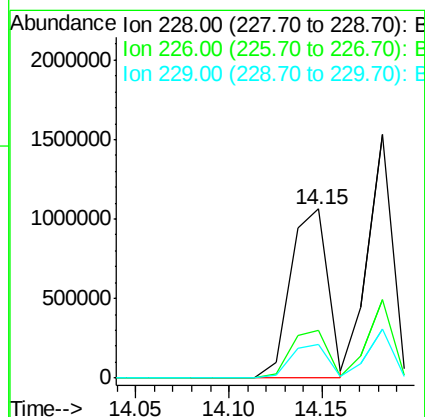
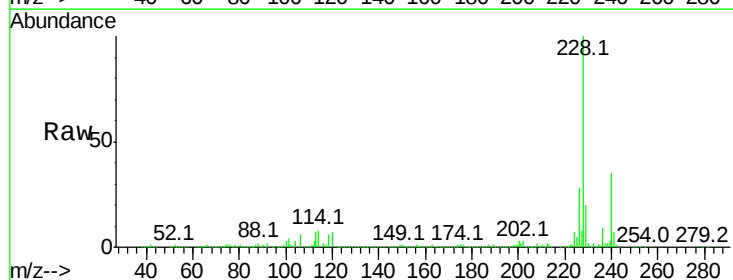
Instrument :
 BNA_F
 ClientSampleId :

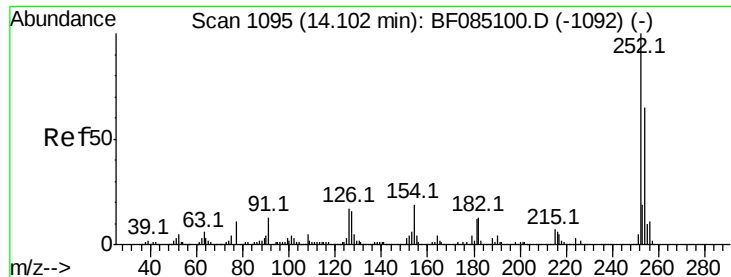
Tot Ion	Ratio	Lower	Upper
149	100		
91	60.9	46.9	70.3
206	24.2	19.0	28.6



#80
 Benzo(a)anthracene
 Concen: 42.65 ng
 RT: 14.15 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	19.9	16.1	24.1

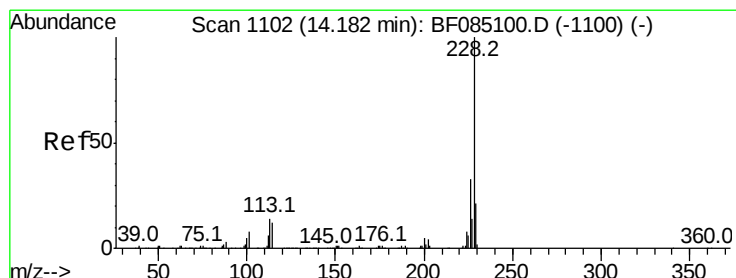
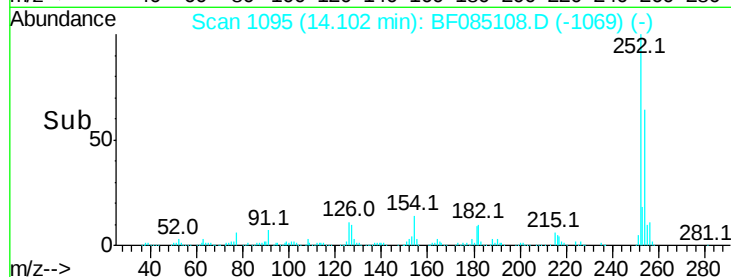
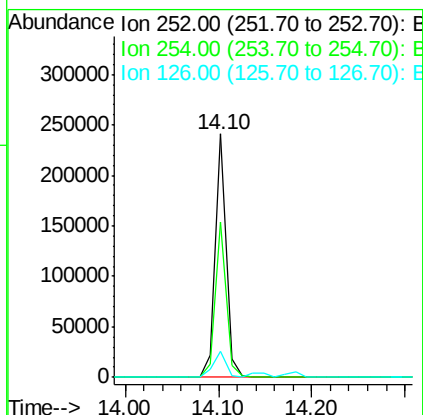
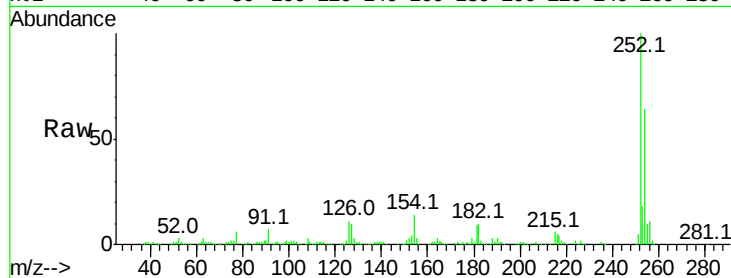




#81
 3,3'-Dichlorobenzidine
 Concen: 18.31 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

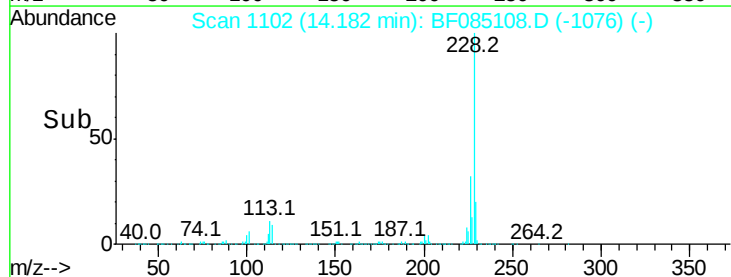
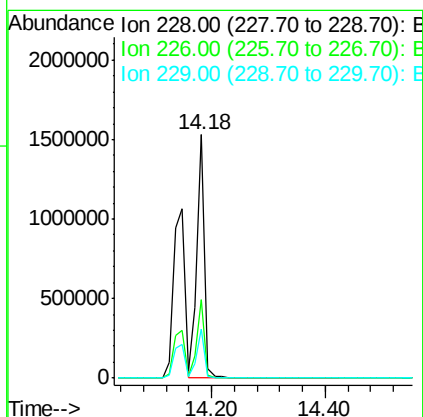
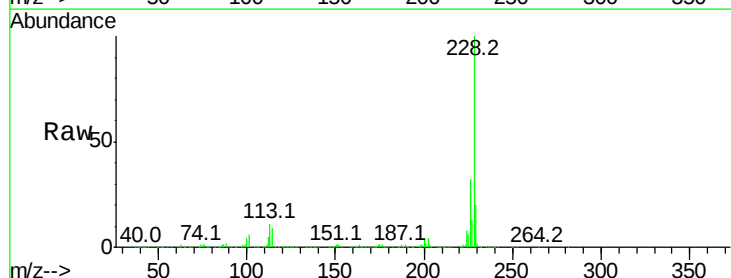
Instrument :
 BNA_F
 ClientSampleId :

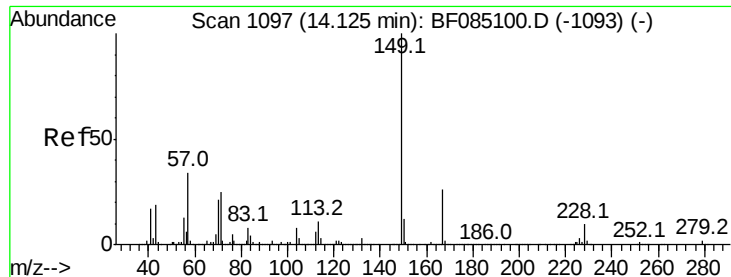
Tot Ion:252 Resp: 197189
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.8 77.6
 126 10.7 13.2 19.8#



#82
 Chrysene
 Concen: 45.27 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Tgt Ion:228 Resp: 1424179
 Ion Ratio Lower Upper
 228 100
 226 32.2 26.2 39.4
 229 20.4 16.5 24.7

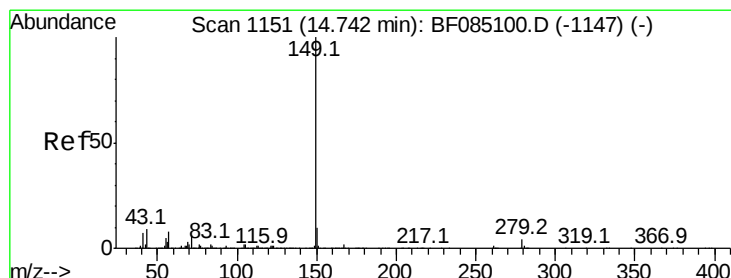
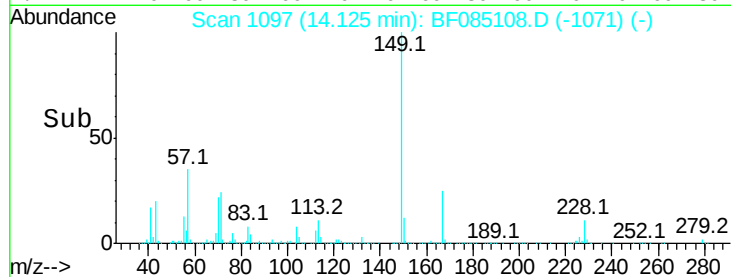
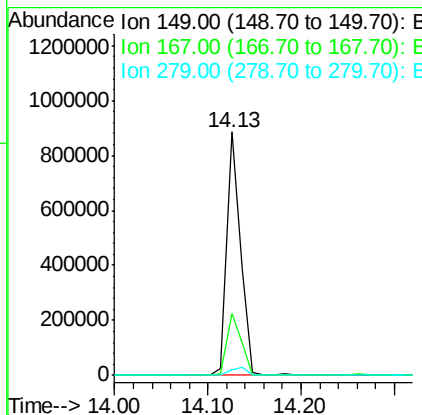
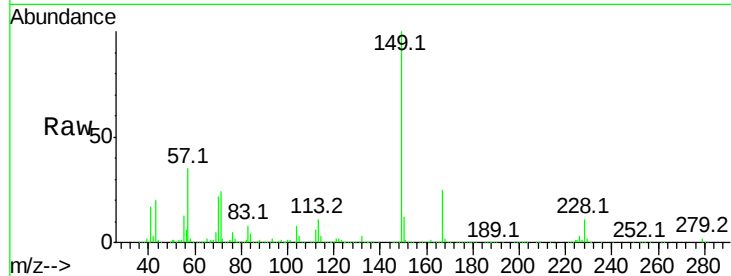




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.81 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

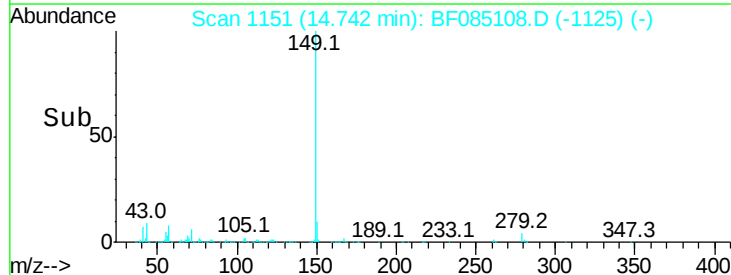
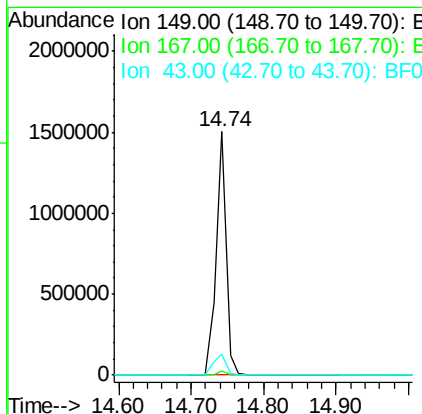
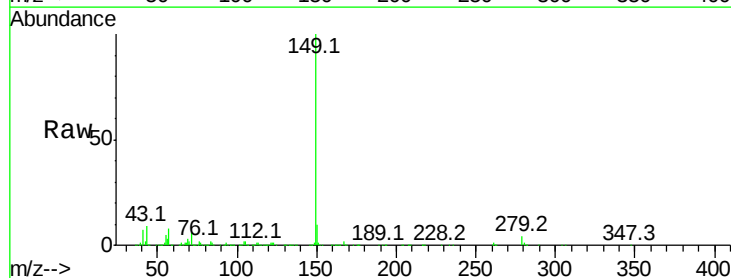
Instrument :
 BNA_F
 ClientSampleId :

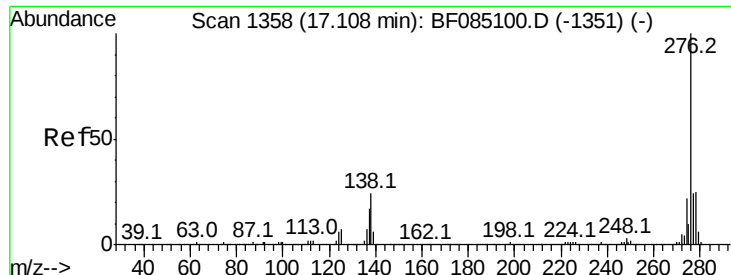
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.6	31.0
279	2.4	2.0	3.0



#84
 Di-n-octyl phthalate
 Concen: 48.95 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085108.D
 Acq: 2 Mar 2016 9:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.6	8.8	13.2

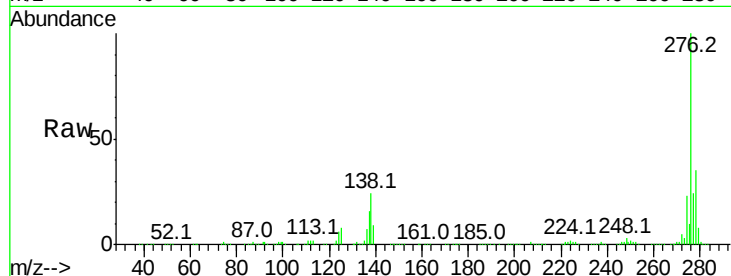




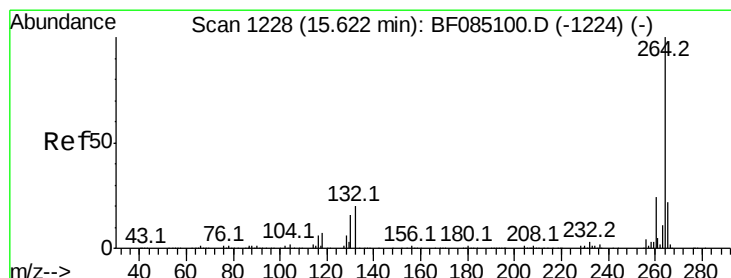
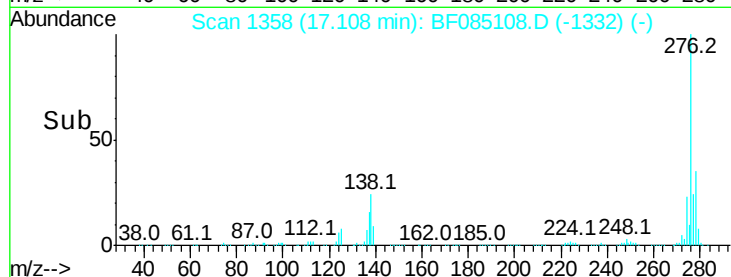
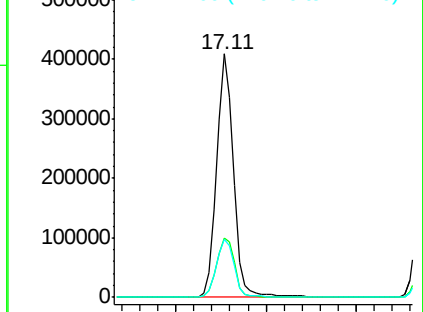
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.33 ng
RT: 17.11 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1072785
Ion Ratio Lower Upper
276 100
138 26.2 21.4 32.2
277 25.4 20.1 30.1

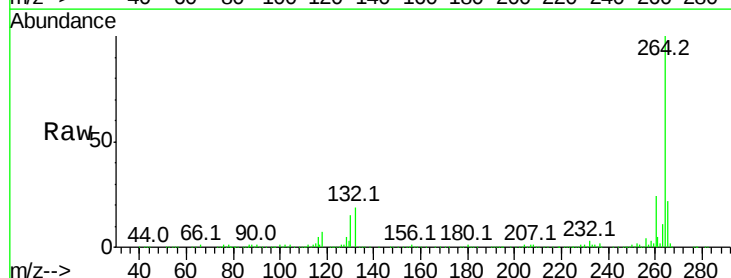


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

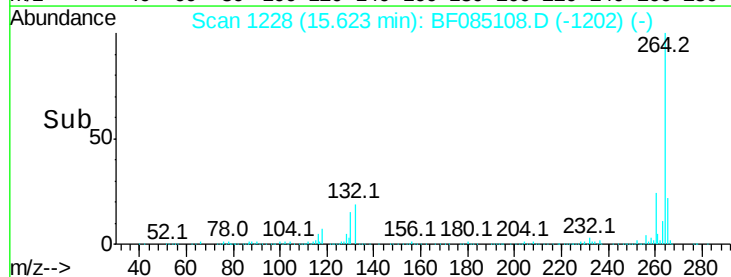
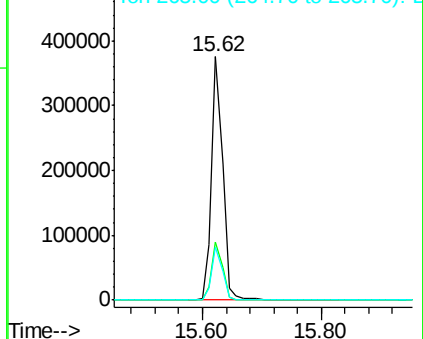


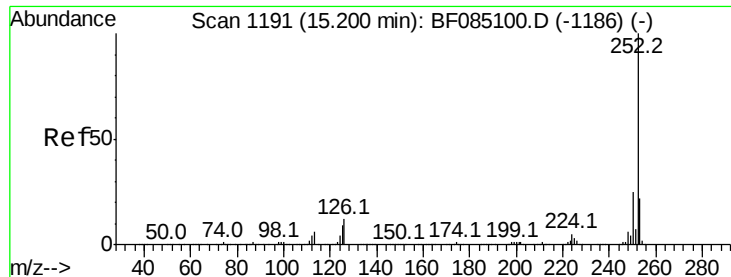
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Tgt Ion:264 Resp: 490646
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.5 17.4 26.2



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: 43.32 ng

RT: 15.20 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

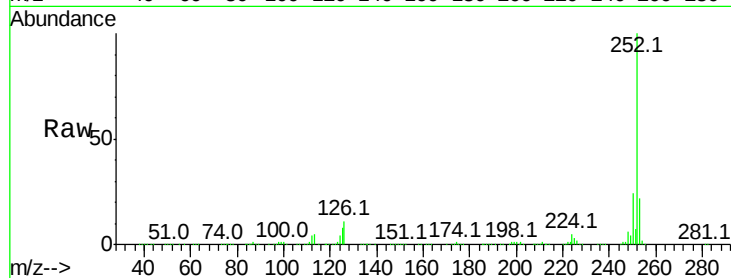
Tot Ion:252 Resp: 1294116

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

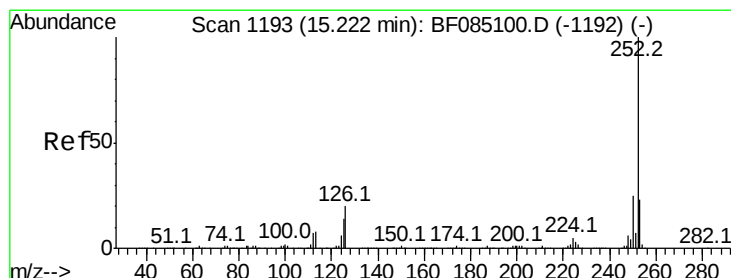
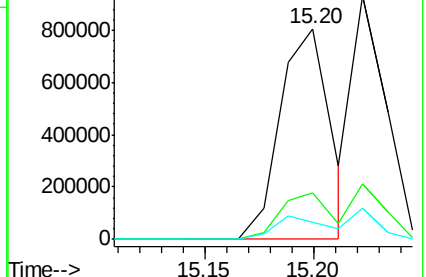
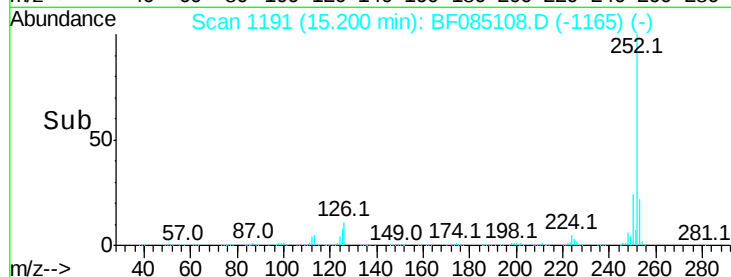
125 8.2 7.0 10.4



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



#88

Benzo(k)fluoranthene

Concen: 50.01 ng

RT: 15.20 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

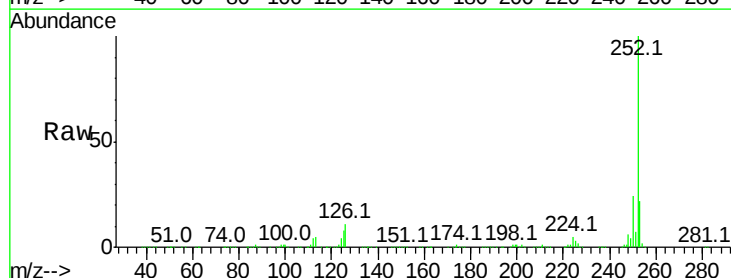
Tgt Ion:252 Resp: 1294116

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

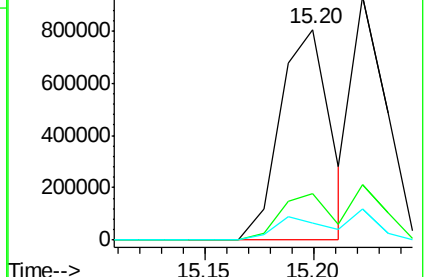
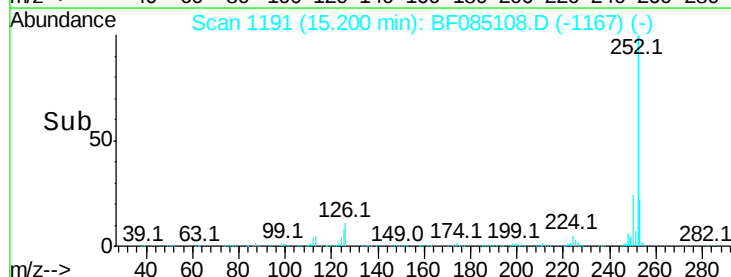
125 8.2 11.1 16.7#

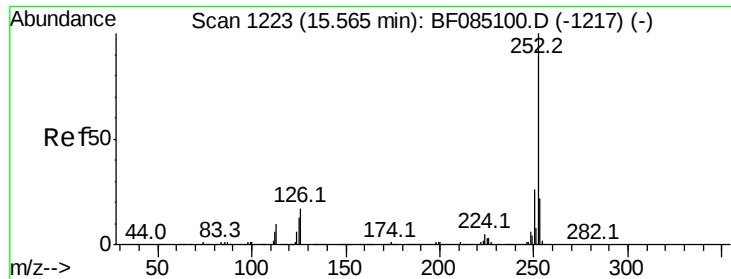


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

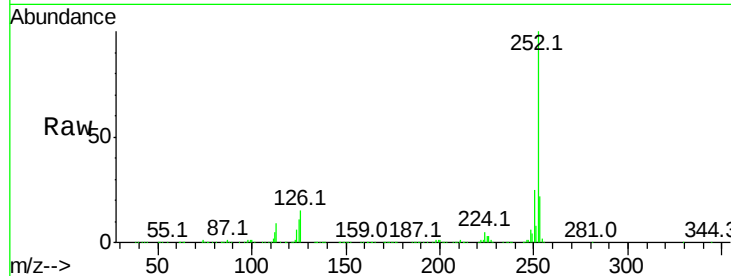




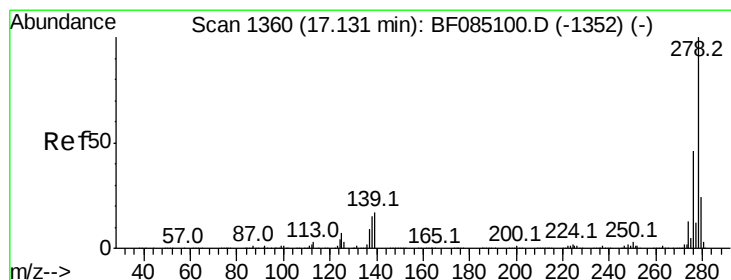
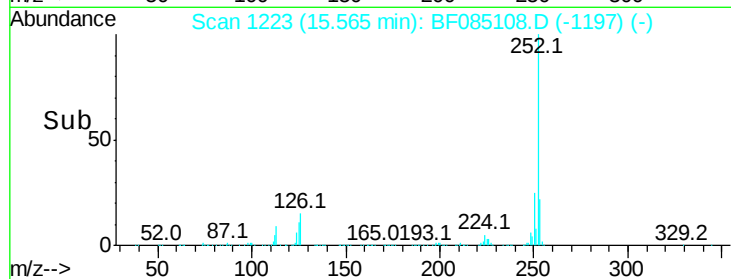
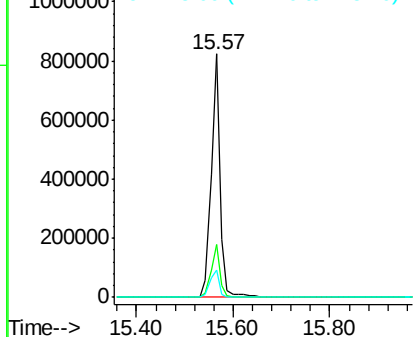
#89
Benzo(a)pyrene
Concen: 42.66 ng
RT: 15.57 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1071939
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.5 10.2 15.2

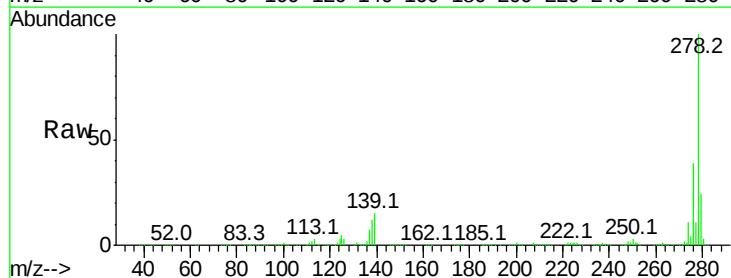


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

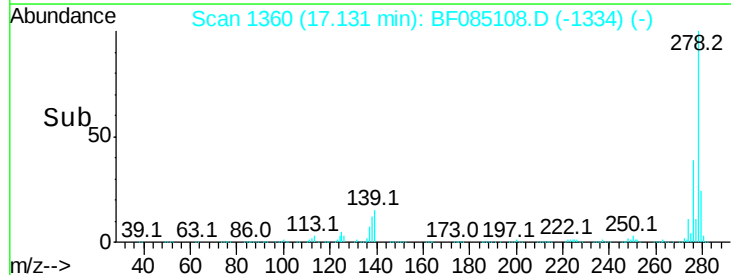
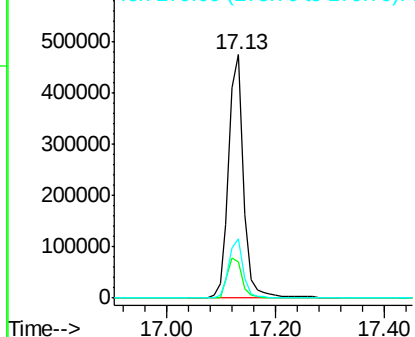


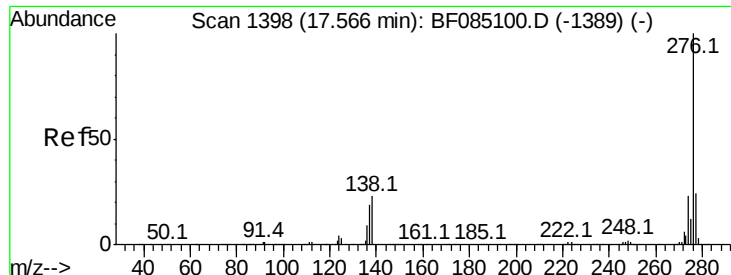
#90
Dibenzo(a,h)anthracene
Concen: 40.09 ng
RT: 17.13 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF085108.D
Acq: 2 Mar 2016 9:58

Tgt Ion:278 Resp: 907350
Ion Ratio Lower Upper
278 100
139 15.0 13.6 20.4
279 24.2 19.3 28.9



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: 38.50 ng

RT: 17.57 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF085108.D

Acq: 2 Mar 2016 9:58

Instrument :

BNA_F

ClientSampleId :

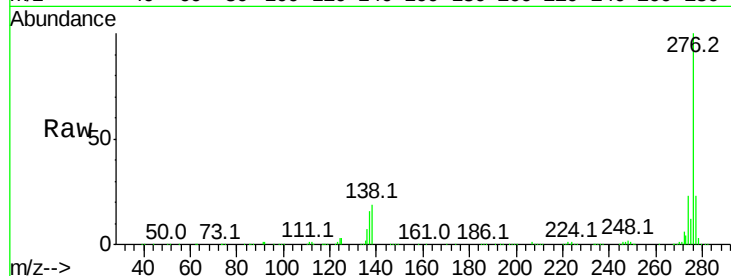
Tot Ion:276 Resp: 885946

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 18.8 18.1 27.1



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

