

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085209.D
 Acq On : 4 Mar 2016 18:18
 Operator : SJ/IZ
 Sample : PB88700BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Quant Time: Mar 04 22:08:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	177811	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	708020	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	327753	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	609601	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	452584	20.00	ng	-0.01
86) Perylene-d12	15.60	264	316912	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1194937	112.73	ng	0.01
7) Phenol-d6	6.60	99	1507116	108.52	ng	-0.01
23) Nitrobenzene-d5	7.53	82	978584	73.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	343084	122.34	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1762639	81.79	ng	-0.01
78) Terphenyl-d14	13.09	244	1583842	81.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	158661	29.27	ng	99
3) Pyridine	3.52	79	461531	34.02	ng	98
4) n-Nitrosodimethylamine	3.46	42	199150	34.30	ng	95
6) Aniline	6.63	93	389083	19.99	ng	100
8) 2-Chlorophenol	6.76	128	457917	35.88	ng	97
9) Benzaldehyde	6.52	77	154171	20.42	ng	99
10) Phenol	6.61	94	491626	33.05	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	462192	37.41	ng	96
12) 1,3-Dichlorobenzene	6.92	146	504149	36.80	ng	99
13) 1,4-Dichlorobenzene	6.98	146	474118	34.53	ng	99
14) 1,2-Dichlorobenzene	7.14	146	480656	38.58	ng	99
15) Benzyl Alcohol	7.11	79	397327	38.97	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.25	45	583667	32.78	ng	100
17) 2-Methylphenol	7.22	107	420910	40.42	ng	99
18) Hexachloroethane	7.49	117	185439	36.61	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	307611	33.98	ng	# 91
20) 3+4-Methylphenols	7.37	107	454310	36.83	ng	97
22) Acetophenone	7.38	105	628711	36.38	ng	# 95
24) Nitrobenzene	7.56	77	534848	39.79	ng	94
25) Isophorone	7.80	82	907296	37.00	ng	99
26) 2-Nitrophenol	7.88	139	260710	39.86	ng	96
27) 2,4-Dimethylphenol	7.91	122	486574	40.70	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	530851	38.87	ng	99
29) 2,4-Dichlorophenol	8.12	162	388404	40.29	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	392492	37.66	ng	100
31) Naphthalene	8.28	128	1275371	36.63	ng	99
32) Benzoic acid	8.01	122	224708	28.30	ng	98
33) 4-Chloroaniline	8.32	127	151888	10.79	ng	95
34) Hexachlorobutadiene	8.40	225	212456	39.17	ng	99
35) Caprolactam	8.73	113	33701	10.70	ng	94
36) 4-Chloro-3-methylphenol	8.80	107	407790	37.29	ng	97
37) 2-Methylnaphthalene	8.97	142	917693	41.08	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	342396	36.53	ng	99
40) Hexachlorocyclopentadiene	9.13	237	409883	81.08	ng	96

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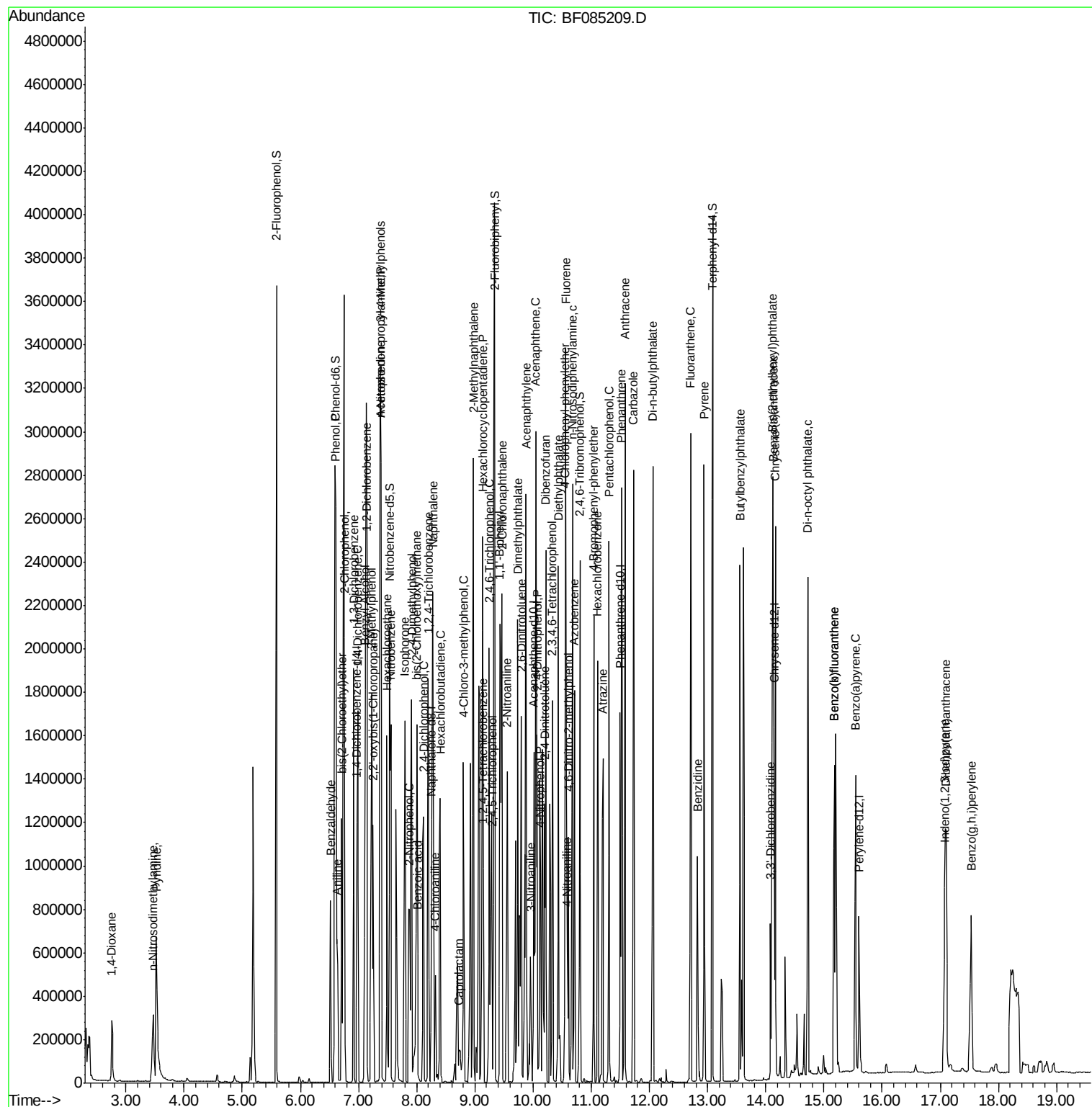
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	290633	41.65	ng	97
43) 2,4,5-Trichlorophenol	9.29	196	253764	38.36	ng	# 86
45) 1,1'-Biphenyl	9.43	154	1002554	35.80	ng	99
46) 2-Chloronaphthalene	9.46	162	832216	38.99	ng	97
47) 2-Nitroaniline	9.56	65	275418	41.64	ng	# 75
48) Acenaphthylene	9.88	152	1218053	36.67	ng	99
49) Dimethylphthalate	9.74	163	1000721	39.78	ng	100
50) 2,6-Dinitrotoluene	9.80	165	211199	39.24	ng	98
51) Acenaphthene	10.05	154	818152	40.56	ng	99
52) 3-Nitroaniline	9.96	138	107546	16.70	ng	# 71
53) 2,4-Dinitrophenol	10.07	184	205916	75.86	ng	# 48
54) Dibenzofuran	10.22	168	1040730	39.38	ng	99
55) 4-Nitrophenol	10.13	139	383025	75.70	ng	86
56) 2,4-Dinitrotoluene	10.20	165	265257	38.51	ng	90
57) Fluorene	10.56	166	786972	37.91	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	194319	41.81	ng	99
59) Diethylphthalate	10.44	149	935613	38.33	ng	97
60) 4-Chlorophenyl-phenylether	10.55	204	372004	36.83	ng	92
61) 4-Nitroaniline	10.58	138	225892	37.51	ng	79
62) Azobenzene	10.71	77	975701	40.57	ng	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	144251	39.52	ng	80
65) n-Nitrosodiphenylamine	10.68	169	792943	41.82	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	221441	37.41	ng	# 86
67) Hexachlorobenzene	11.11	284	236319	37.42	ng	# 81
68) Atrazine	11.20	200	266065	50.46	ng	94
69) Pentachlorophenol	11.30	266	290183	82.79	ng	99
70) Phenanthrene	11.52	178	1185872	37.12	ng	99
71) Anthracene	11.58	178	1311435	38.67	ng	99
72) Carbazole	11.73	167	1049468	35.29	ng	99
73) Di-n-butylphthalate	12.06	149	1438131	38.26	ng	99
74) Fluoranthene	12.71	202	1150079	35.87	ng	97
76) Benzidine	12.82	184	380670	28.26	ng	99
77) Pyrene	12.94	202	1158622	34.01	ng	99
79) Butylbenzylphthalate	13.56	149	586431	37.94	ng	# 81
80) Benzo(a)anthracene	14.13	228	995469	36.74	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	133222	15.59	ng	99
82) Chrysene	14.16	228	739236	29.54	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	741667	36.46	ng	# 96
84) Di-n-octyl phthalate	14.72	149	1083116	34.96	ng	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	718130	36.77	ng	99
87) Benzo(b)fluoranthene	15.18	252	797365	37.75	ng	# 96
88) Benzo(k)fluoranthene	15.18	252	797365	46.80	ng	# 97
89) Benzo(a)pyrene	15.55	252	676343	38.64	ng	# 97
90) Dibenzo(a,h)anthracene	17.10	278	608381	40.72	ng	98
91) Benzo(g,h,i)perylene	17.53	276	609911	40.59	ng	98

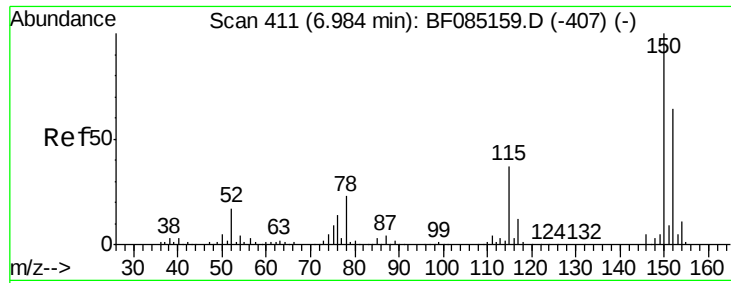
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

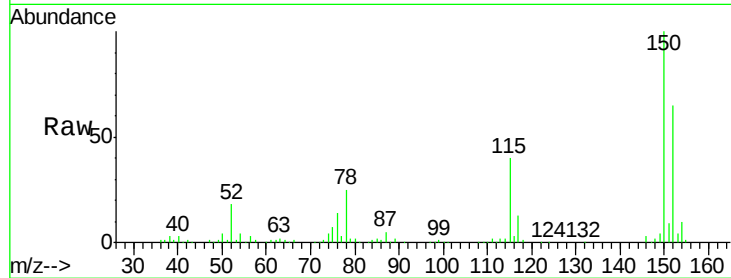
Tgt Ion:152 Resp: 177811

Ion Ratio Lower Upper

152 100

150 153.7 124.6 186.8

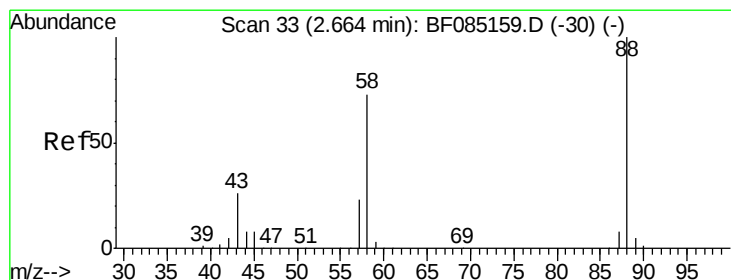
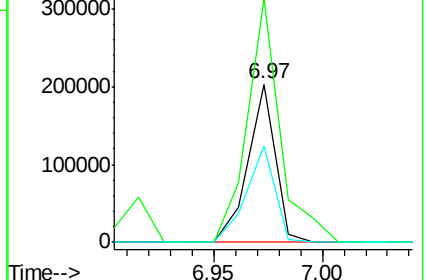
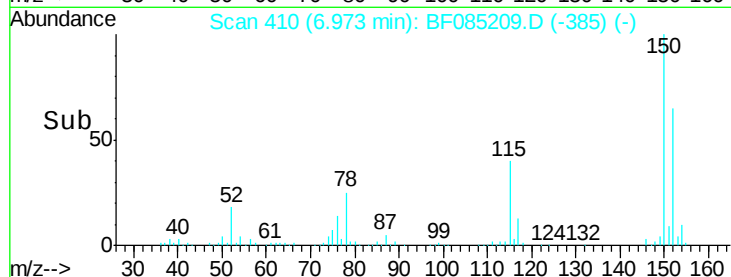
115 60.8 46.6 70.0



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: 29.27 ng

RT: 2.76 min Scan# 41

Delta R.T. 0.09 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

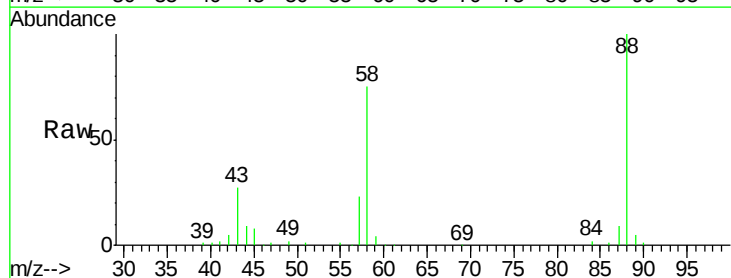
Tgt Ion: 88 Resp: 158661

Ion Ratio Lower Upper

88 100

58 70.6 57.0 85.6

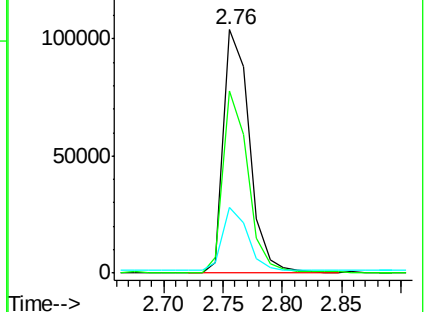
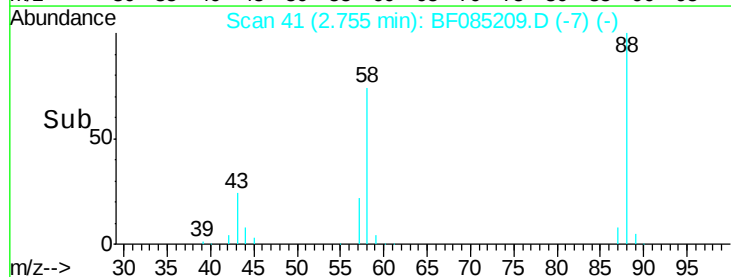
43 25.3 20.5 30.7

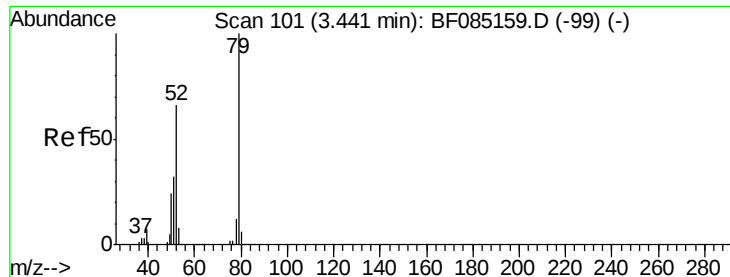


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.02 ng

RT: 3.52 min Scan# 108

Delta R.T. 0.08 min

Lab File: BF085209.D

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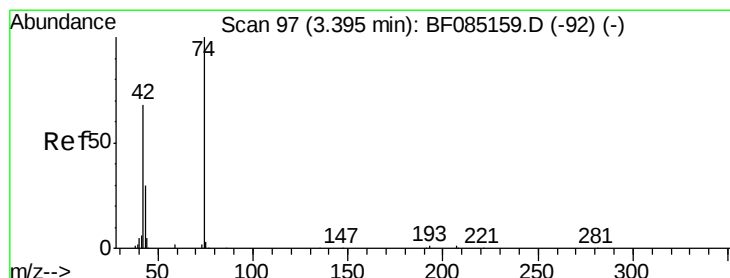
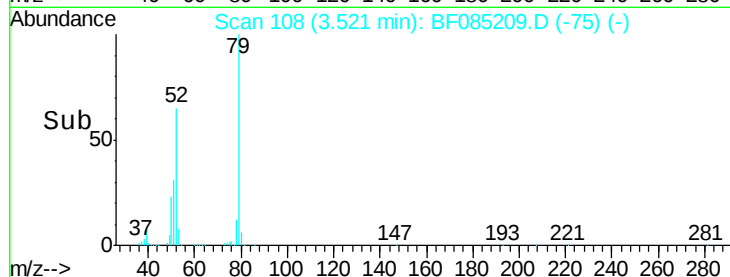
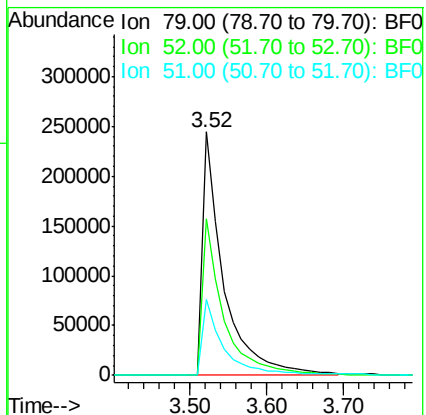
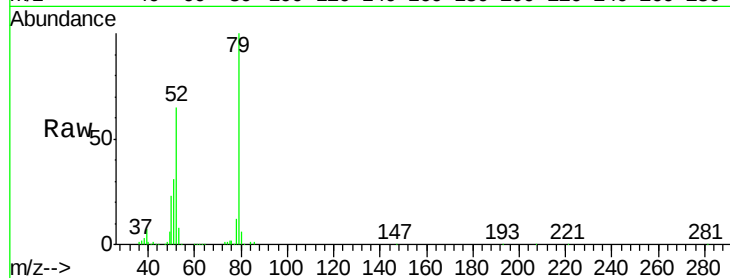
Tgt Ion: 79 Resp: 461531

Ion Ratio Lower Upper

79 100

52 64.5 52.6 79.0

51 31.4 25.8 38.8



#4

n-Nitrosodimethylamine

Concen: 34.30 ng

RT: 3.46 min Scan# 103

Delta R.T. 0.07 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

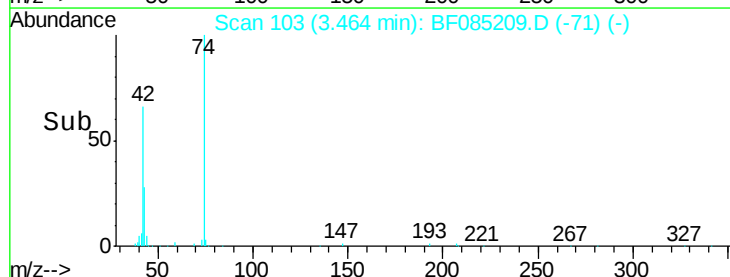
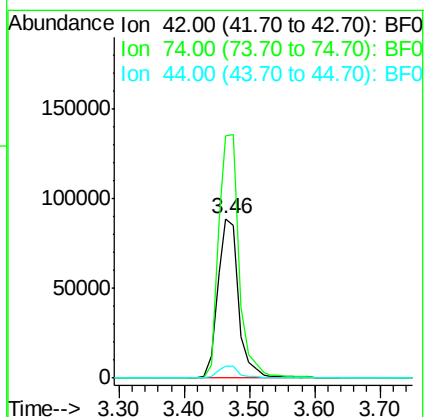
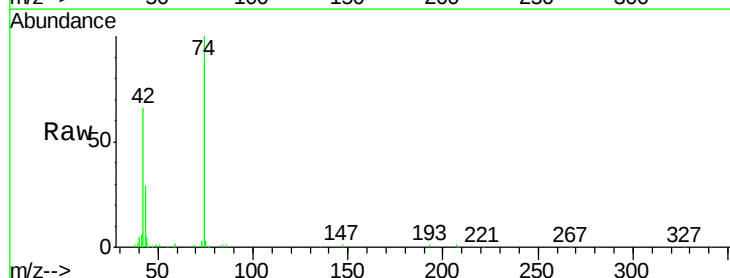
Tgt Ion: 42 Resp: 199150

Ion Ratio Lower Upper

42 100

74 152.3 116.8 175.2

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 112.73 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampled :

PB88700BS

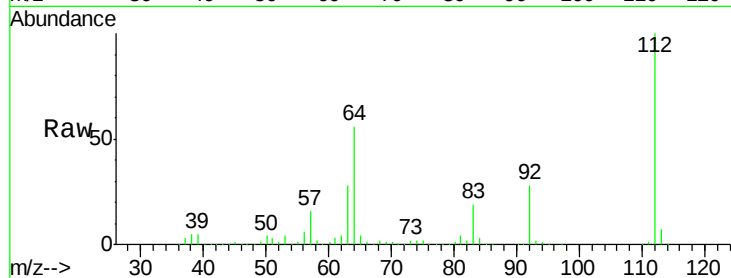
Tgt Ion: 112 Resp: 1194937

Ion Ratio Lower Upper

112 100

64 56.1 49.0 73.4

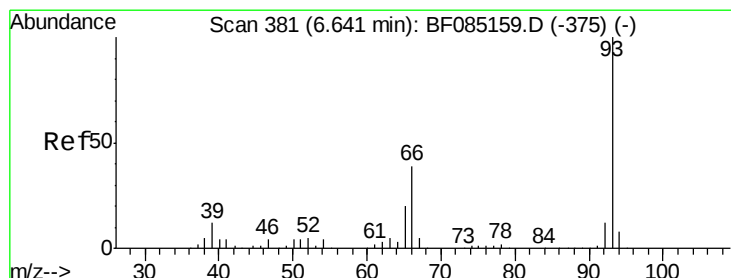
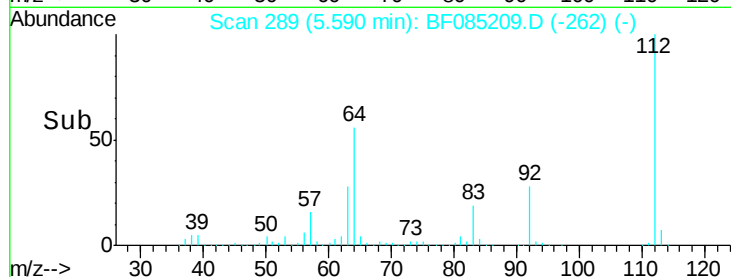
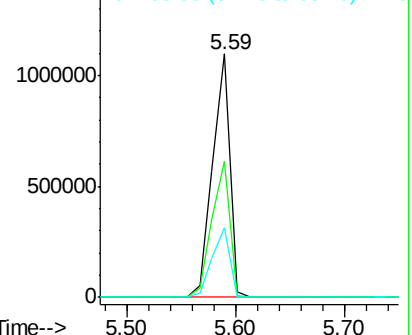
63 28.4 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.99 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

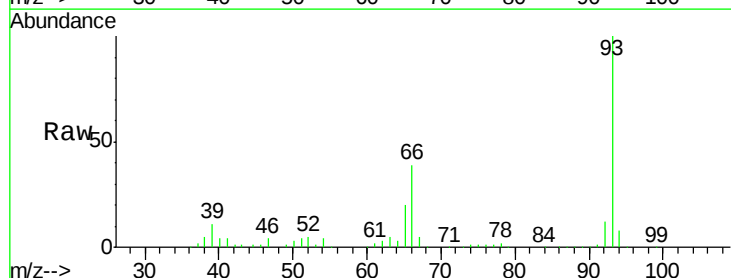
Tgt Ion: 93 Resp: 389083

Ion Ratio Lower Upper

93 100

66 39.5 31.6 47.4

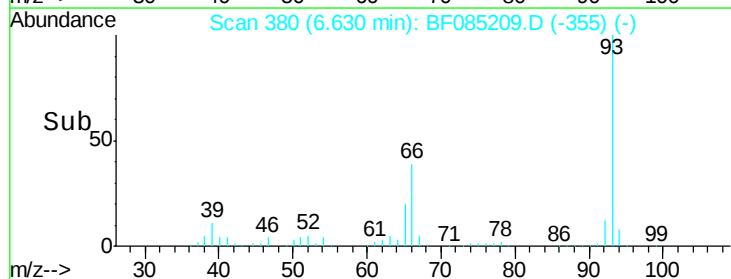
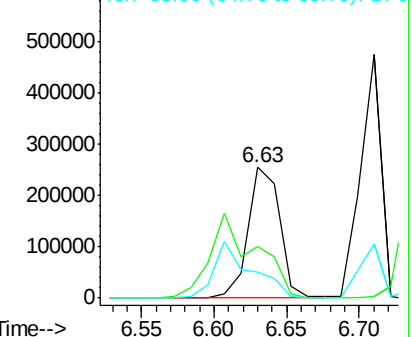
65 19.7 15.8 23.8



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: 108.52 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

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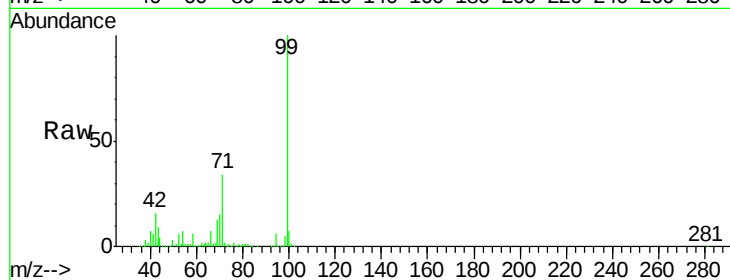
Tgt Ion: 99 Resp: 1507116

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

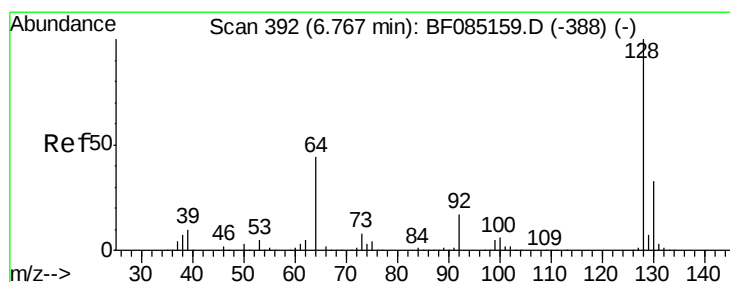
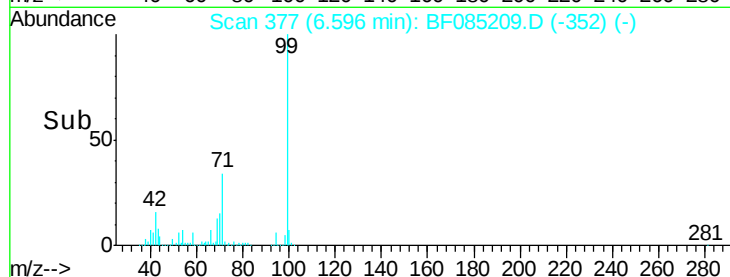
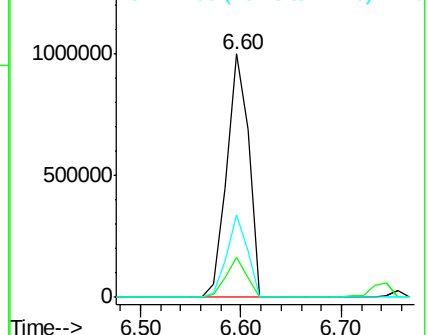
71 33.9 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.88 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

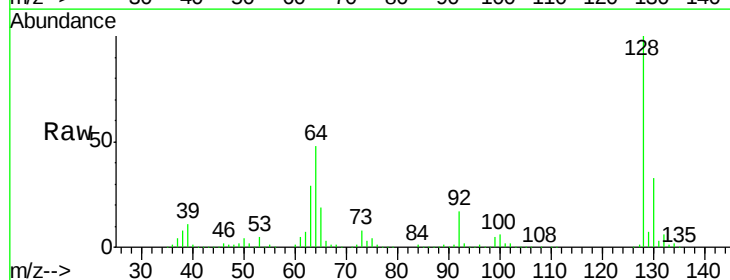
Tgt Ion: 128 Resp: 457917

Ion Ratio Lower Upper

128 100

130 32.7 13.3 53.3

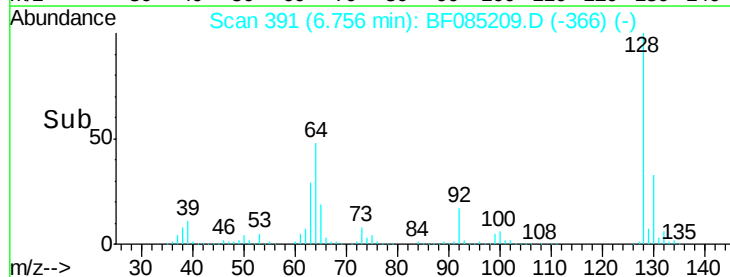
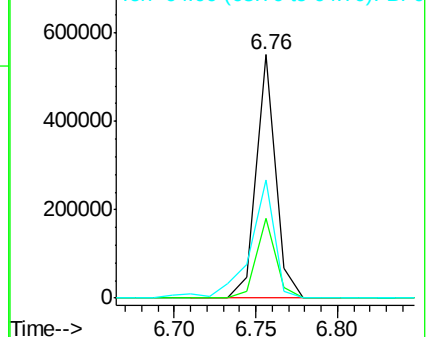
64 48.3 25.7 65.7

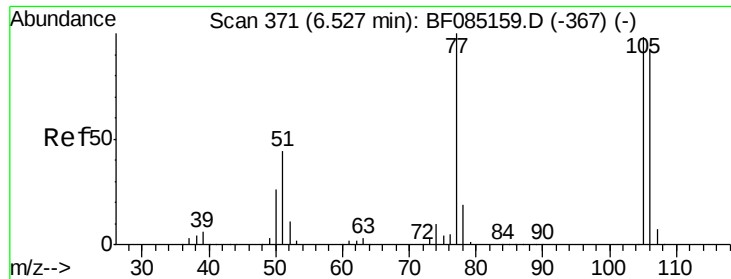


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

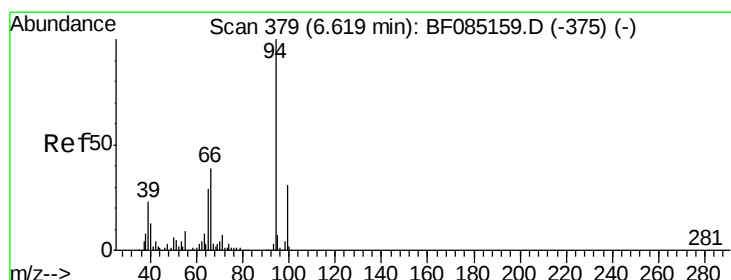
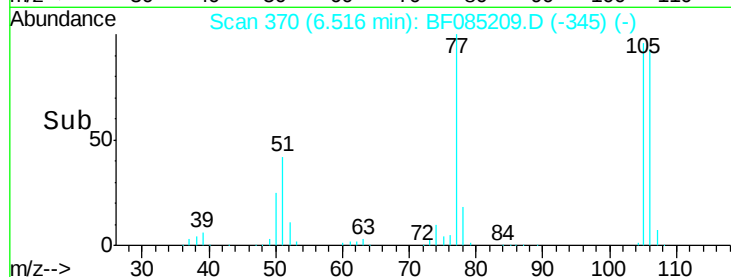
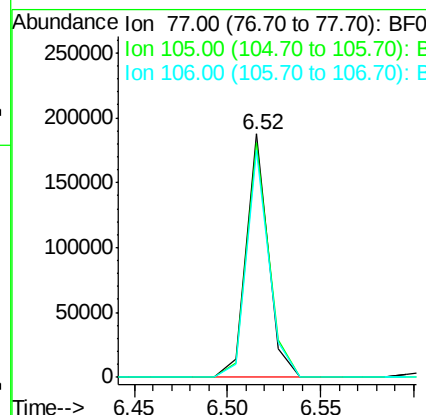
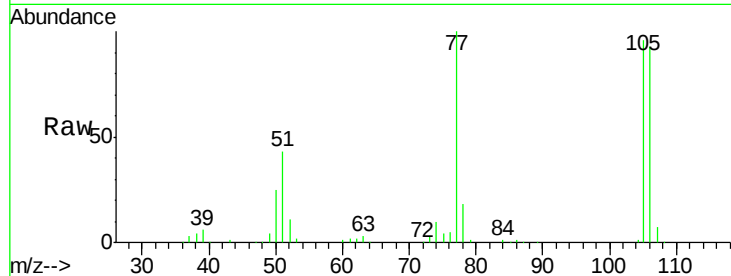




#9
Benzaldehyde
Concen: 20.42 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

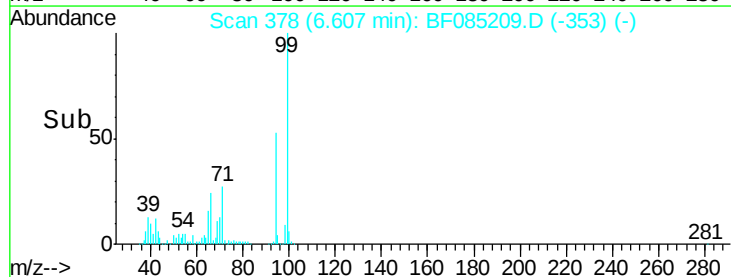
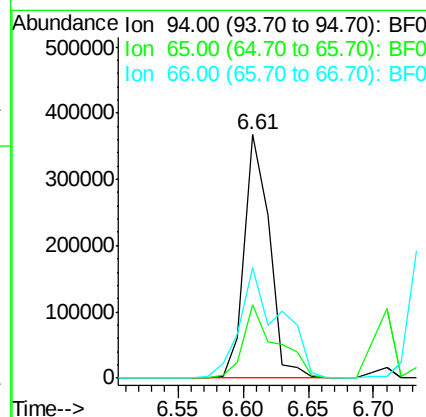
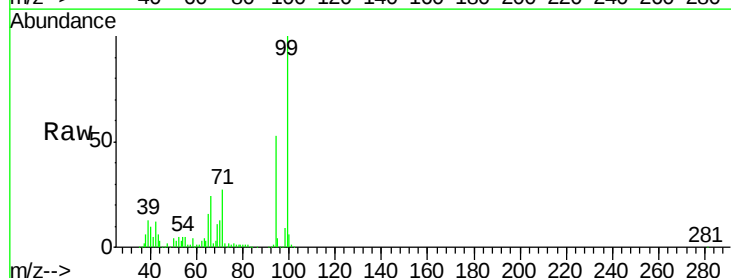
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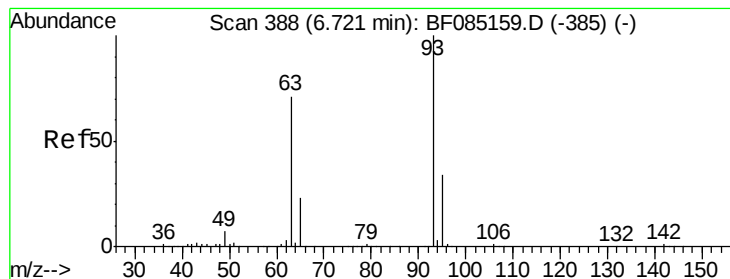
Tgt Ion: 77 Resp: 154171
Ion Ratio Lower Upper
77 100
105 96.3 78.2 118.2
106 93.4 72.9 112.9



#10
Phenol
Concen: 33.05 ng
RT: 6.61 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion: 94 Resp: 491626
Ion Ratio Lower Upper
94 100
65 30.3 9.1 49.1
66 45.2 19.3 59.3





#11

bis(2-Chloroethyl)ether

Concen: 37.41 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

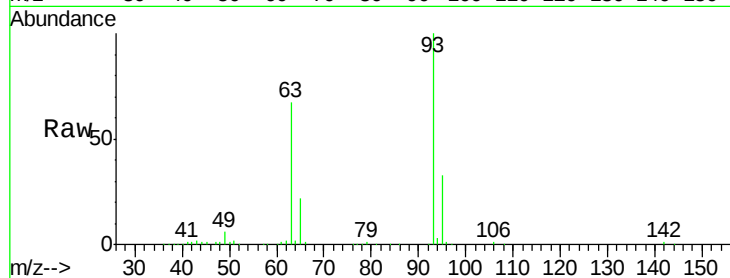
Tgt Ion: 93 Resp: 462192

Ion Ratio Lower Upper

93 100

63 66.6 50.9 90.9

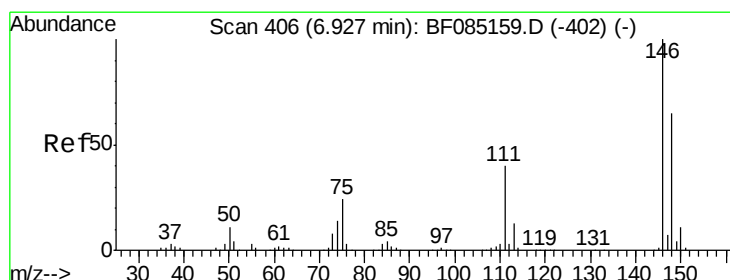
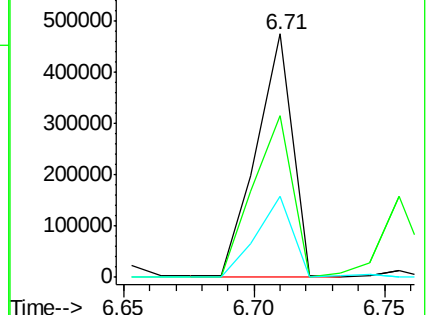
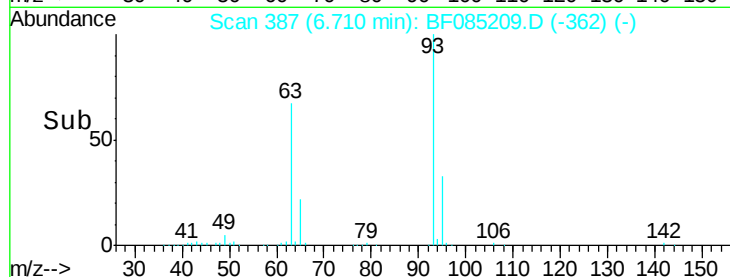
95 33.2 13.7 53.7



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: 36.80 ng

RT: 6.92 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

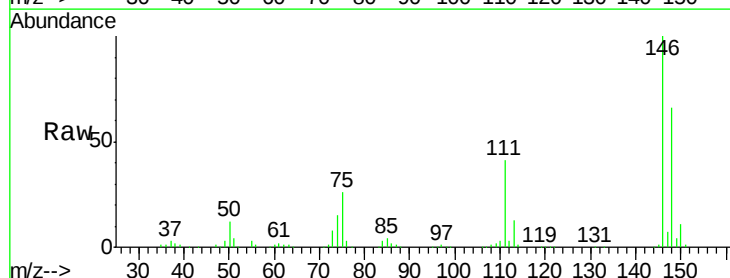
Tgt Ion: 146 Resp: 504149

Ion Ratio Lower Upper

146 100

148 65.7 52.1 78.1

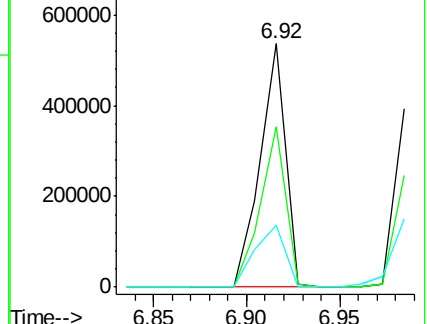
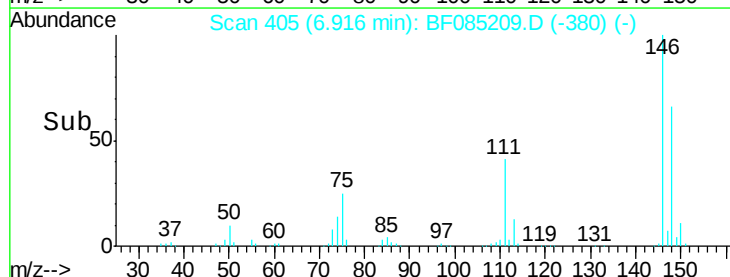
75 25.6 19.5 29.3

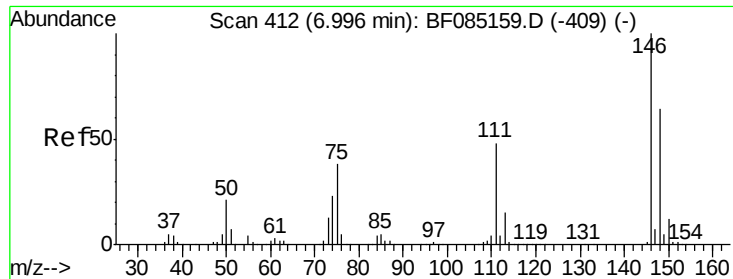


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

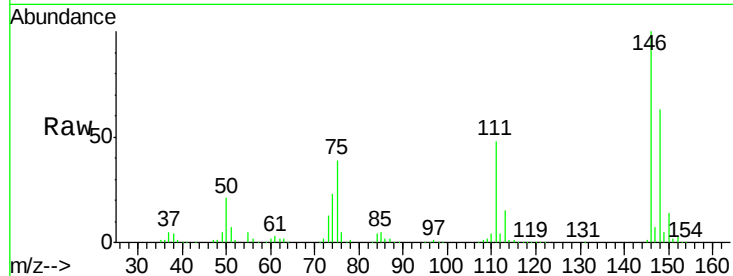




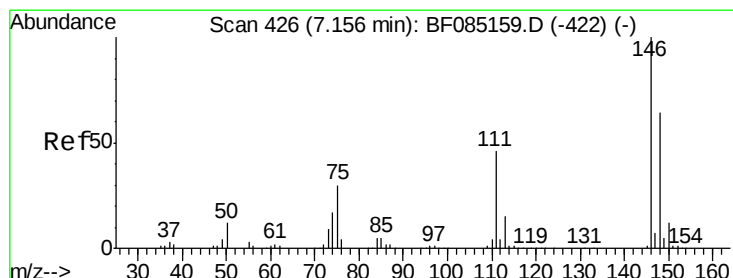
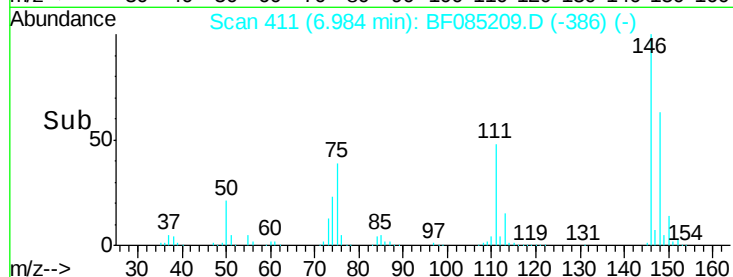
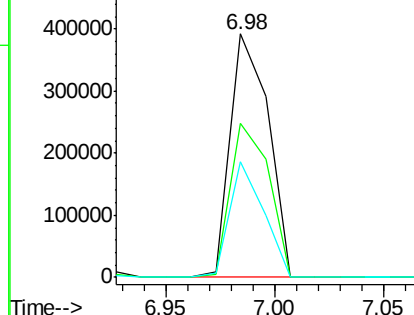
#13
 1,4-Dichlorobenzene
 Concen: 34.53 ng
 RT: 6.98 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tgt Ion:146 Resp: 474118
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.3 76.9
 111 47.5 38.4 57.6

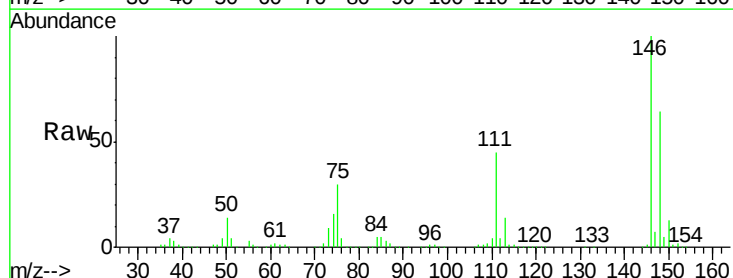


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

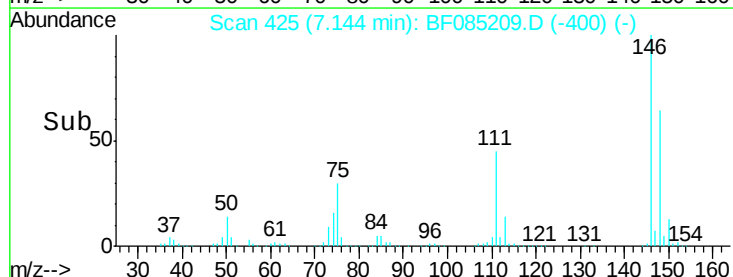
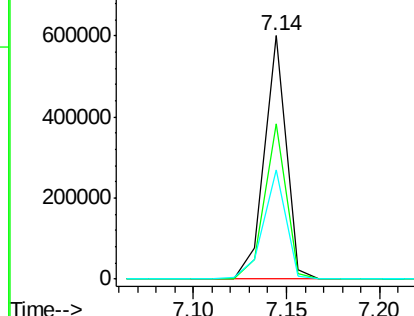


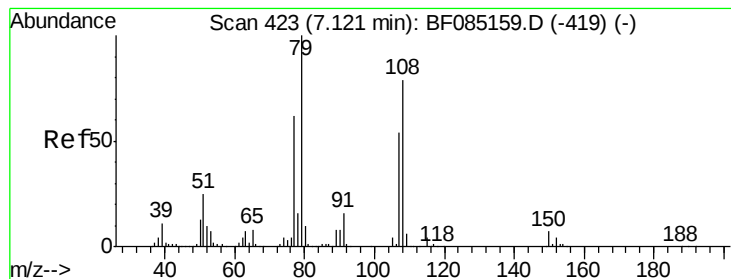
#14
 1,2-Dichlorobenzene
 Concen: 38.58 ng
 RT: 7.14 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion:146 Resp: 480656
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.2
 111 44.7 36.7 55.1



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





#15

Benzyl Alcohol

Concen: 38.97 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

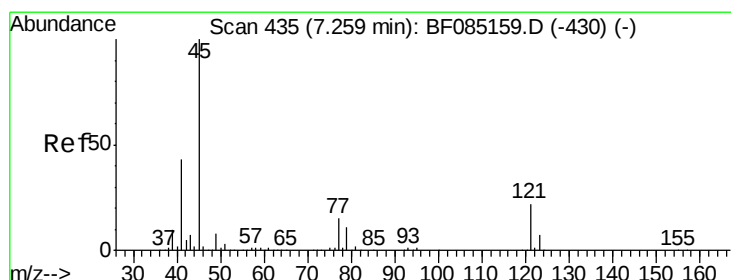
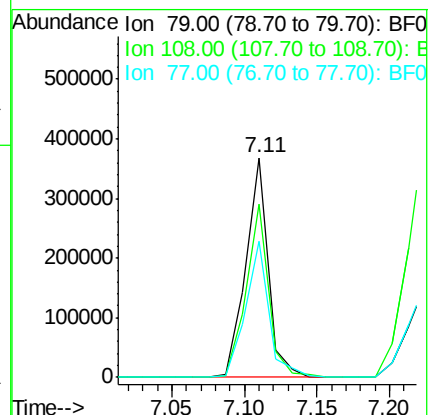
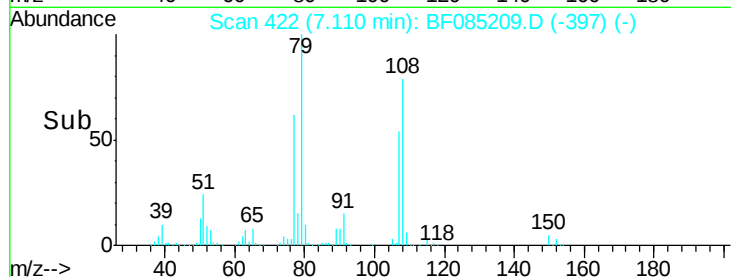
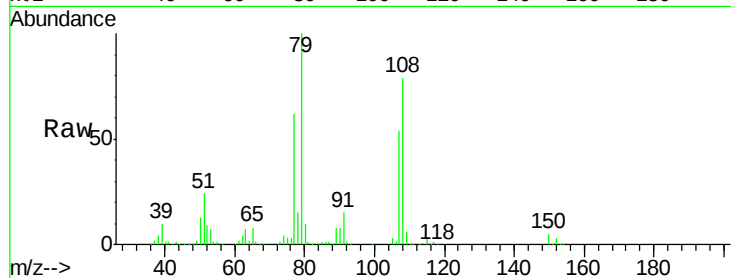
Tgt Ion: 79 Resp: 397327

Ion Ratio Lower Upper

79 100

108 79.0 62.9 94.3

77 61.9 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.78 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

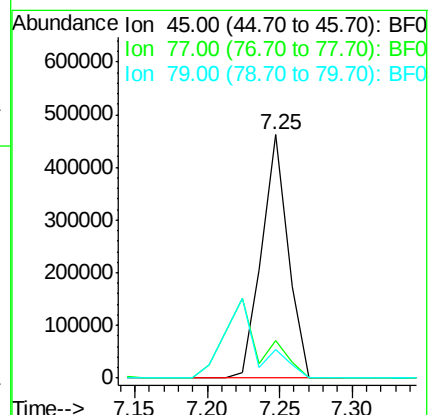
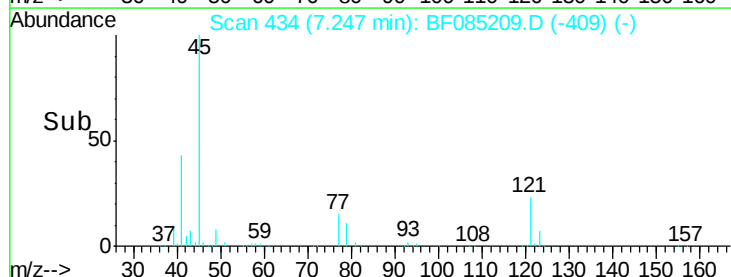
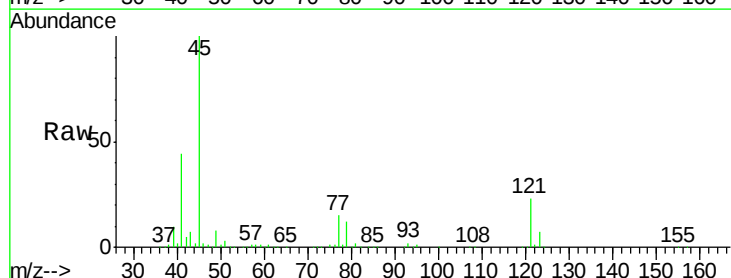
Tgt Ion: 45 Resp: 583667

Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.1

79 11.6 0.0 31.3

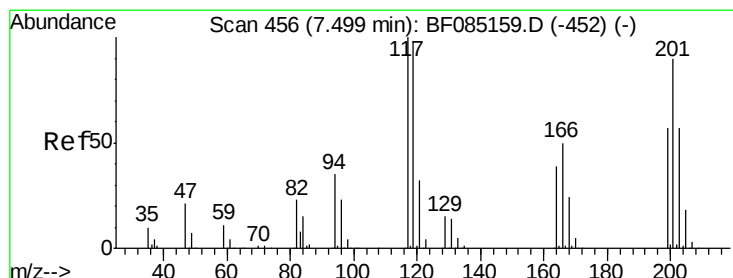
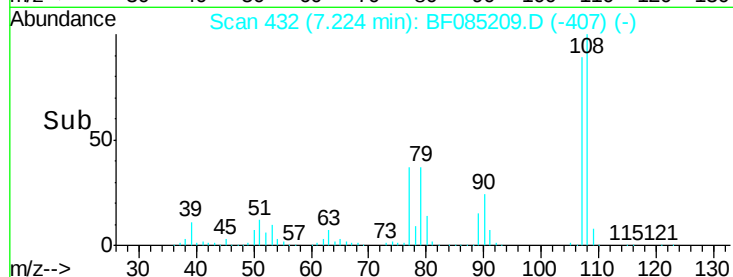
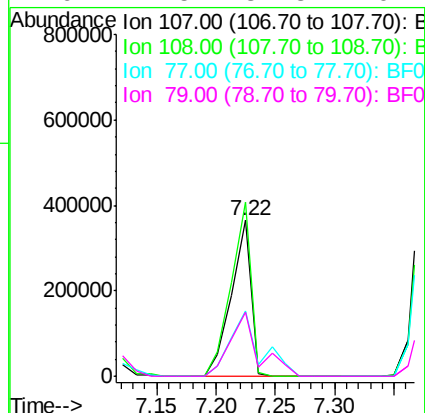
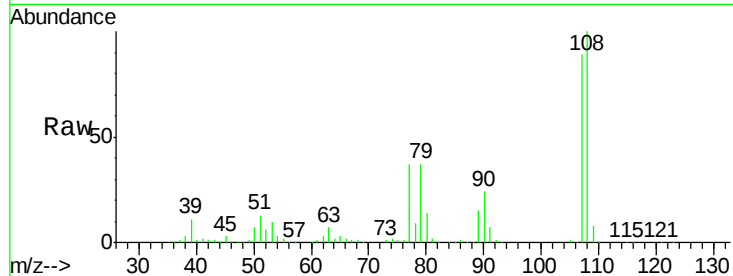




#17
2-Methylphenol
Concen: 40.42 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

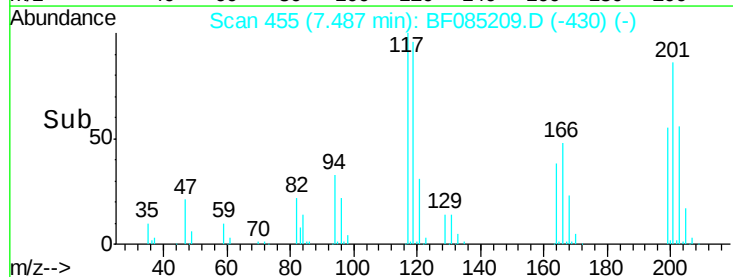
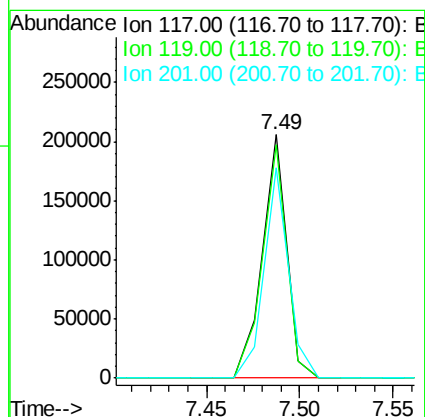
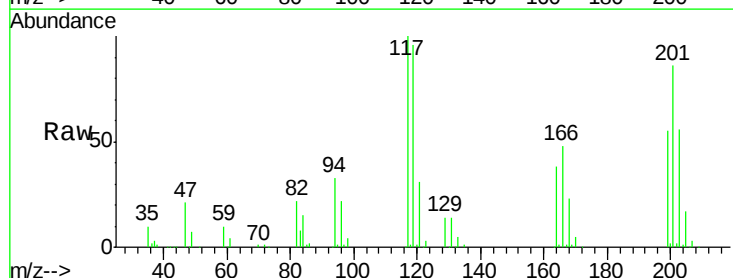
Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.9	136.3
77	41.8	32.6	48.8
79	41.5	32.8	49.2



#18
Hexachloroethane
Concen: 36.61 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.2	117.4
201	86.2	72.0	108.0

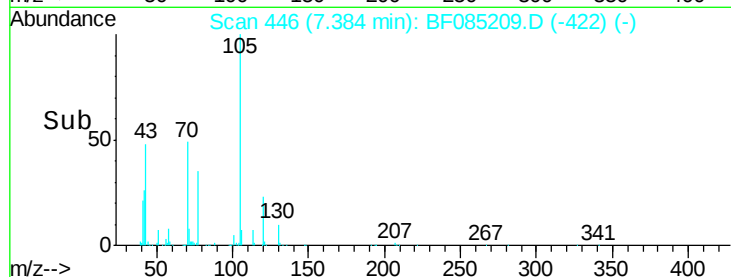
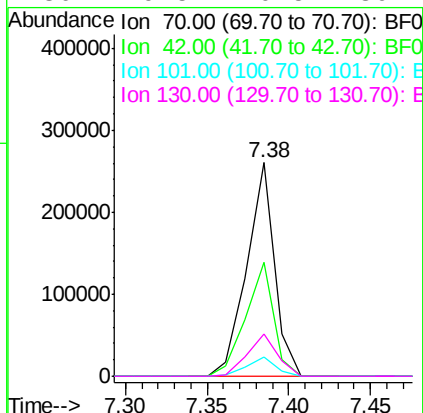
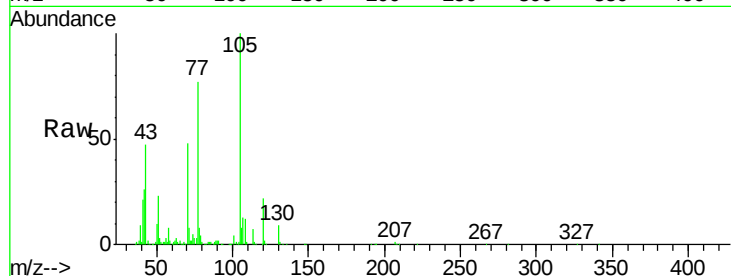




#19
n-Nitroso-di-n-propylamine
Concen: 33.98 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

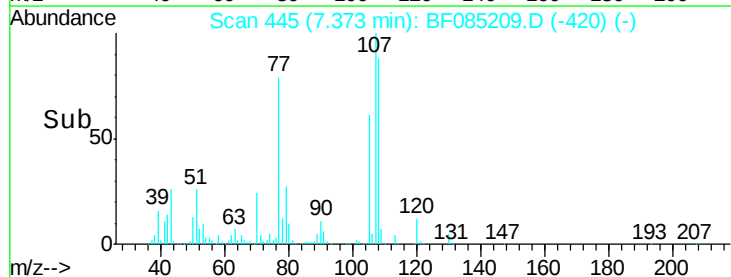
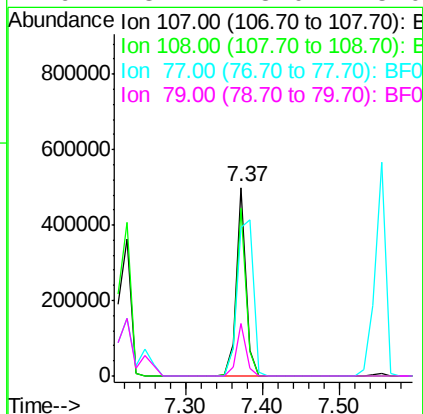
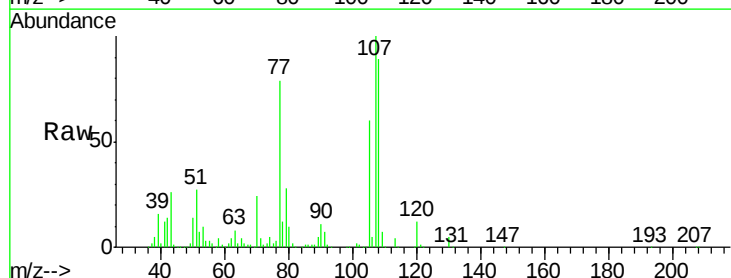
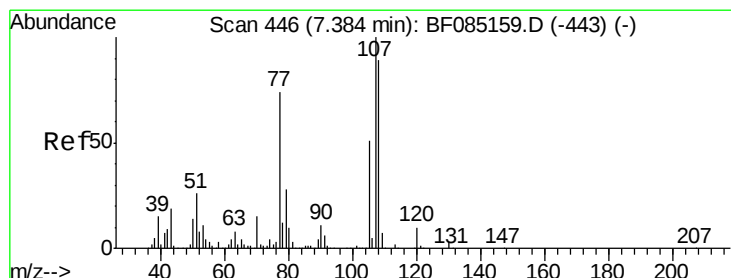
Instrument :
BNA_F
ClientSampleId :
PB88700BS

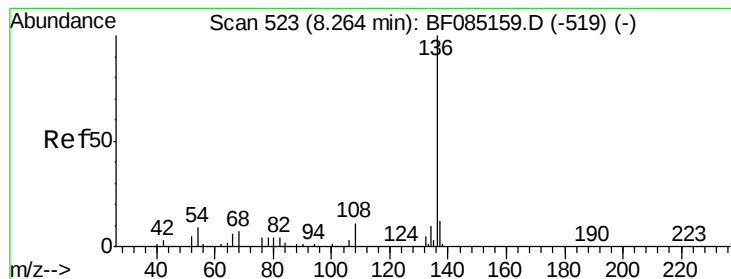
Tgt Ion: 70 Resp: 307611
Ion Ratio Lower Upper
70 100
42 53.3 37.7 56.5
101 9.2 8.2 12.4
130 19.5 20.5 30.7#



#20
3+4-Methylphenols
Concen: 36.83 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion: 107 Resp: 454310
Ion Ratio Lower Upper
107 100
108 88.5 68.8 108.8
77 78.8 53.6 93.6
79 28.1 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

Tgt Ion:136 Resp: 708020

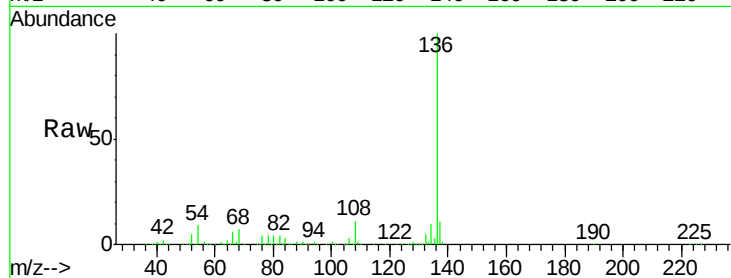
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 9.2 7.4 11.2

68 7.4 6.0 9.0

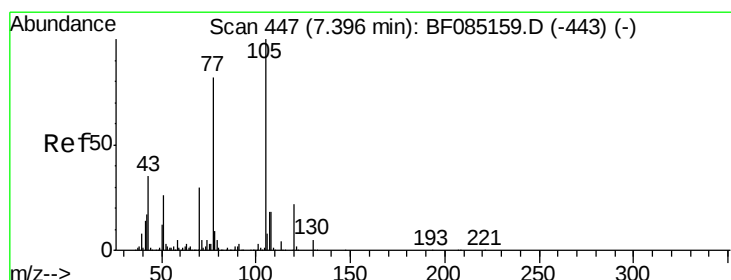
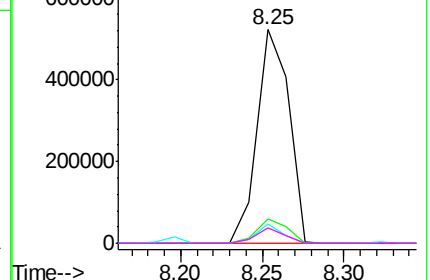
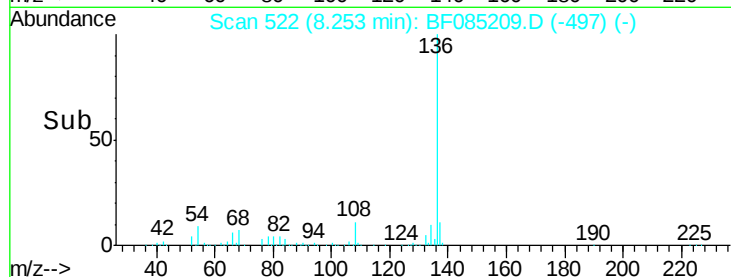


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.38 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Tgt Ion:105 Resp: 628711

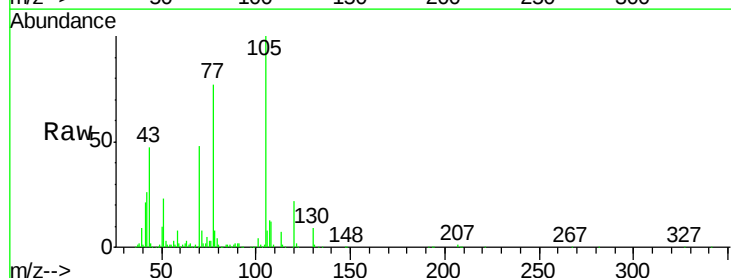
Ion Ratio Lower Upper

105 100

71 8.2 4.1 6.1#

51 22.9 21.1 31.7

120 22.3 17.3 25.9

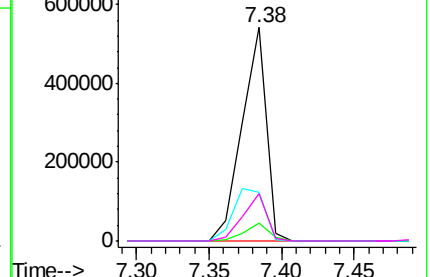
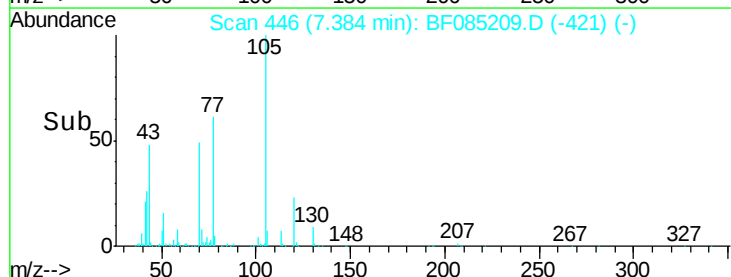


Abundance Ion 105.00 (104.70 to 105.70): E

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

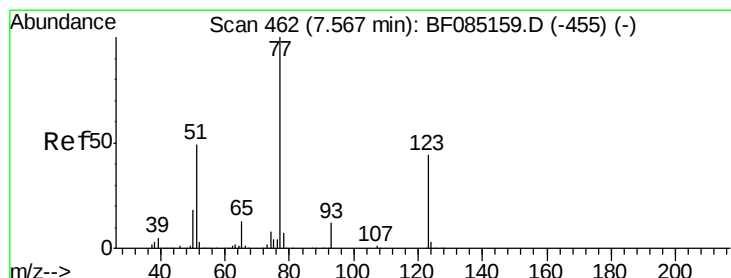
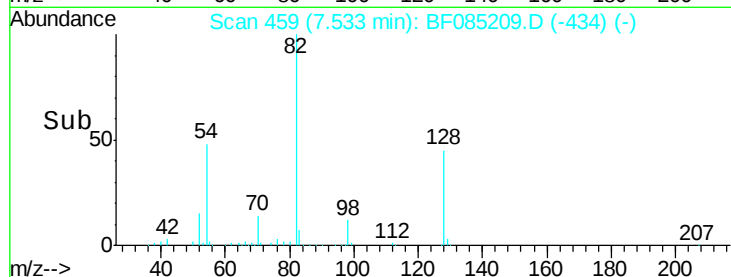
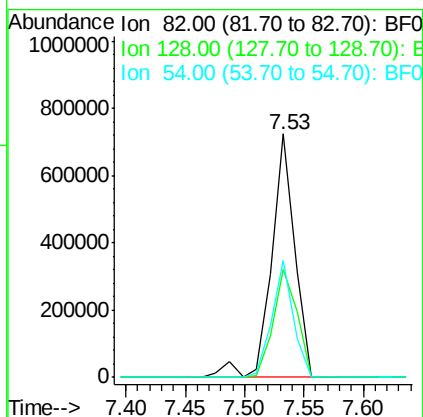
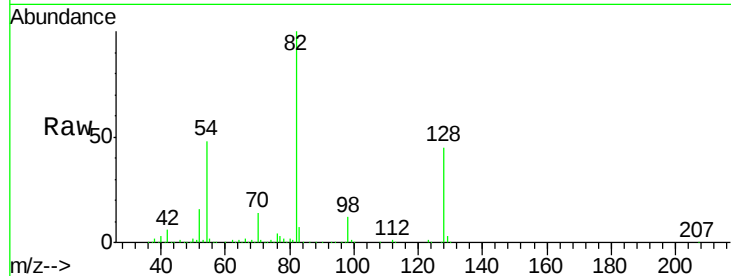




#23
 Nitrobenzene-d5
 Concen: 73.96 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

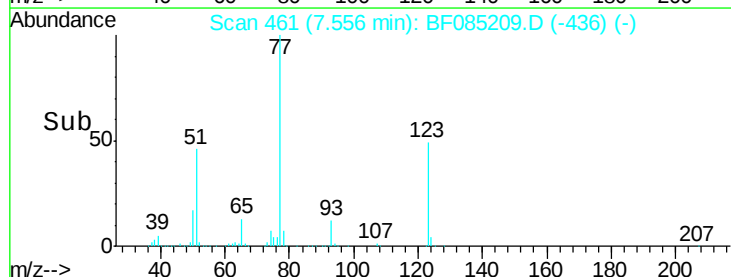
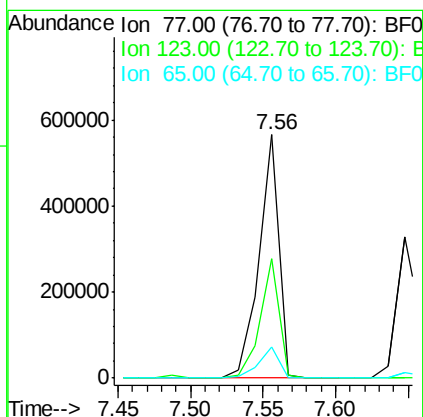
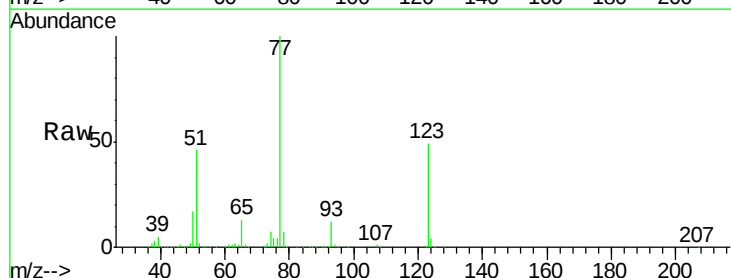
Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

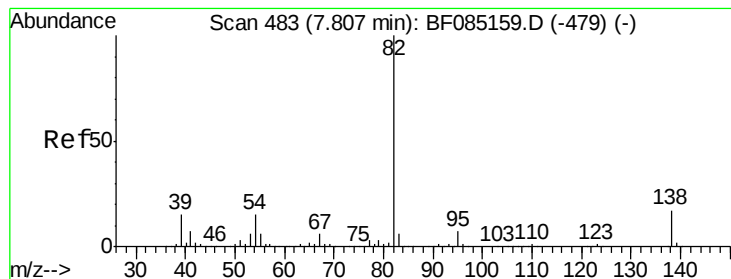
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.5	51.7
54	48.0	39.3	58.9



#24
 Nitrobenzene
 Concen: 39.79 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	35.4	53.2
65	12.8	10.6	16.0





#25

Isophorone

Concen: 37.00 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

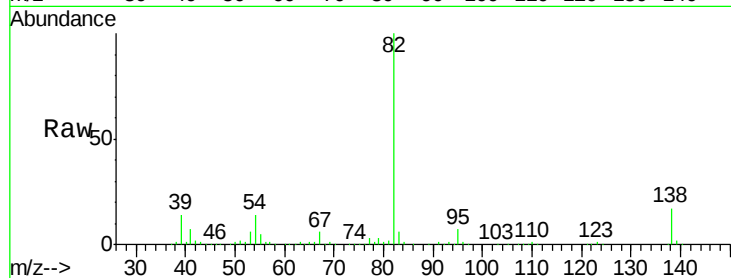
Tgt Ion: 82 Resp: 907296

Ion Ratio Lower Upper

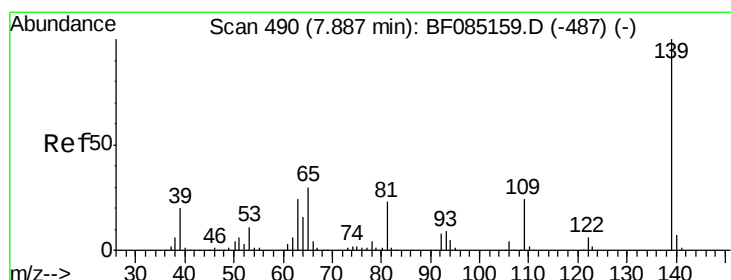
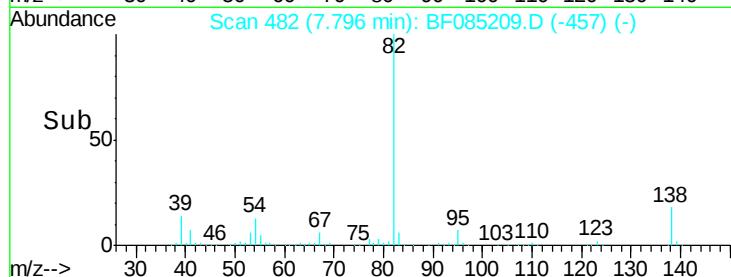
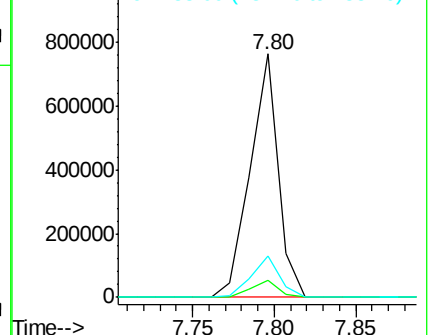
82 100

95 6.9 5.4 8.2

138 17.2 13.3 19.9



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



#26

2-Nitrophenol

Concen: 39.86 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

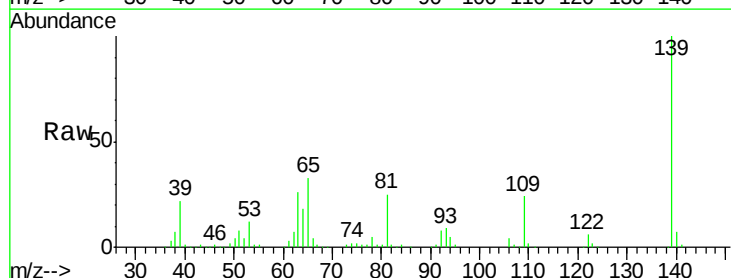
Tgt Ion: 139 Resp: 260710

Ion Ratio Lower Upper

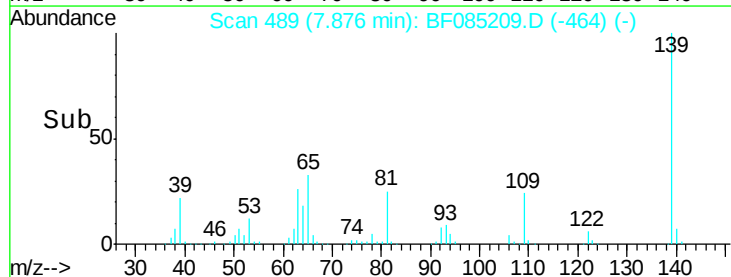
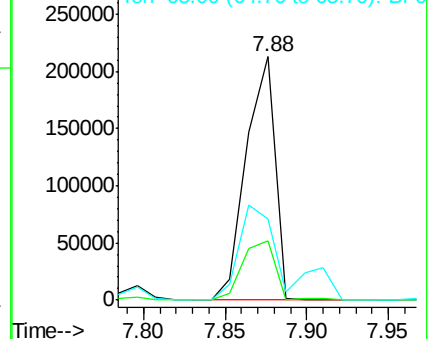
139 100

109 24.5 19.1 28.7

65 33.3 23.9 35.9



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





#27

2,4-Dimethylphenol

Concen: 40.70 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

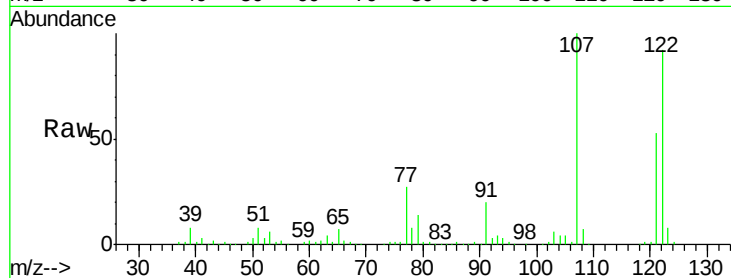
Tgt Ion:122 Resp: 486574

Ion Ratio Lower Upper

122 100

107 108.9 84.8 127.2

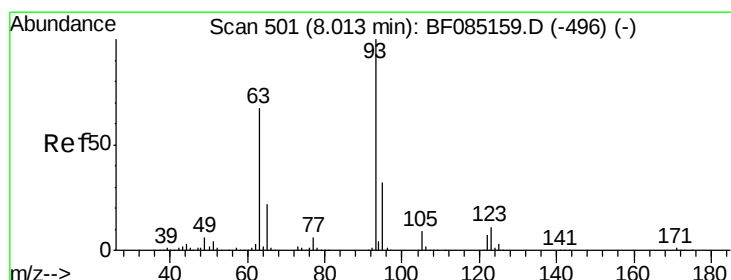
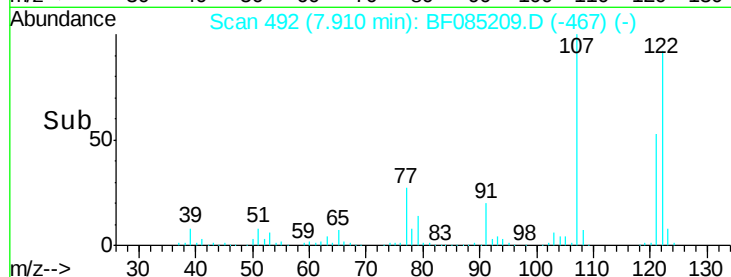
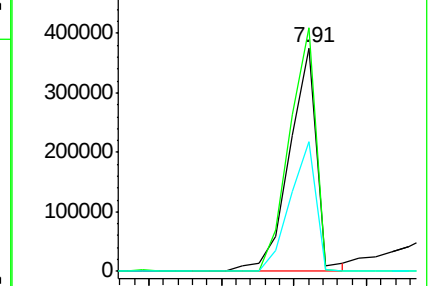
121 58.1 47.0 70.6



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: 38.87 ng

RT: 8.00 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

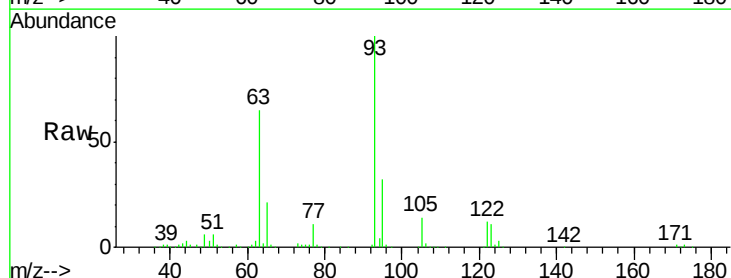
Tgt Ion: 93 Resp: 530851

Ion Ratio Lower Upper

93 100

95 32.1 25.9 38.9

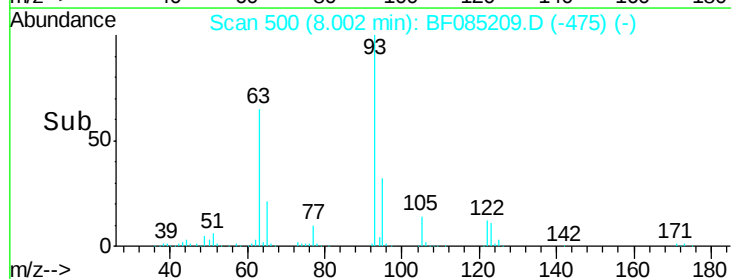
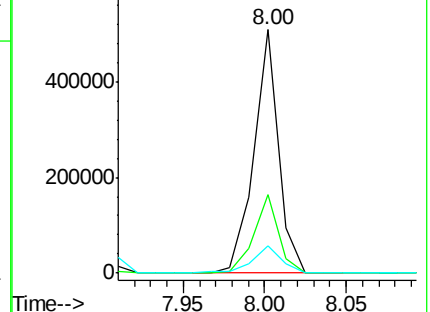
123 11.3 8.8 13.2

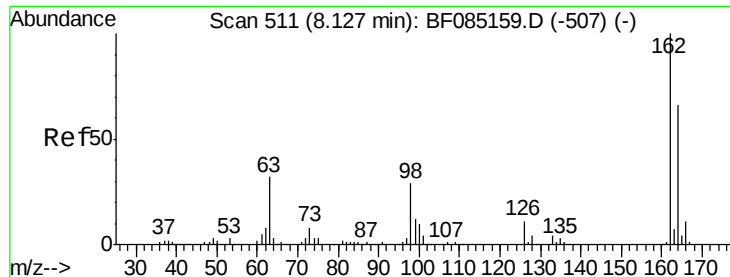


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

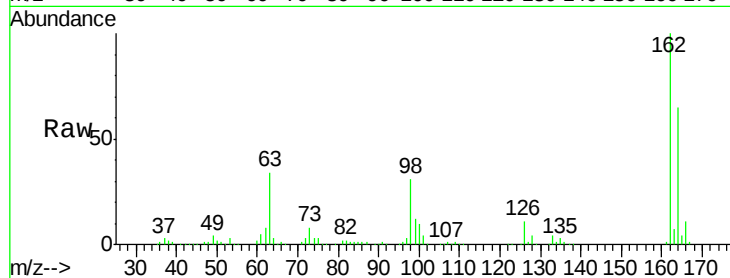




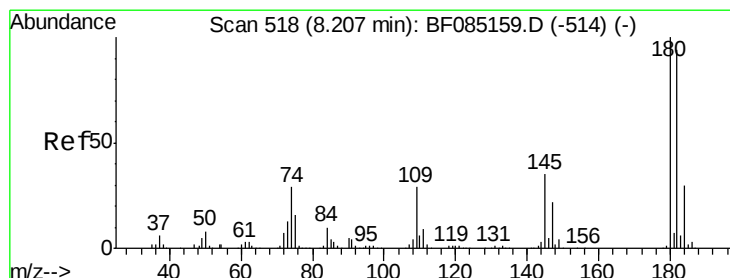
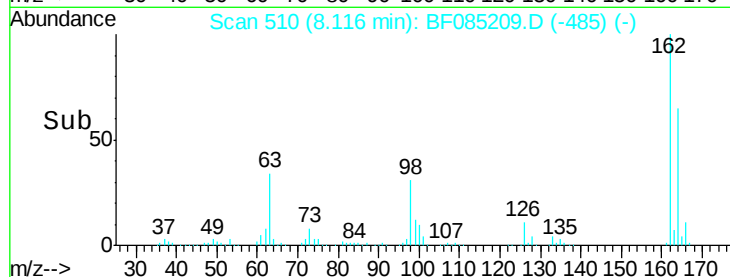
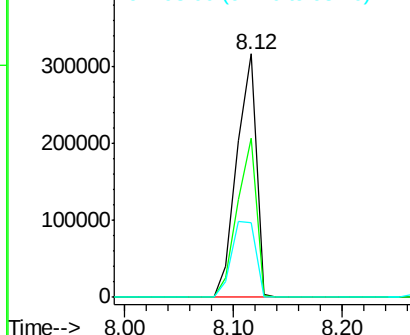
#29
 2,4-Dichlorophenol
 Concen: 40.29 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tgt Ion:162 Resp: 388404
 Ion Ratio Lower Upper
 162 100
 164 65.1 45.7 85.7
 98 30.9 9.4 49.4

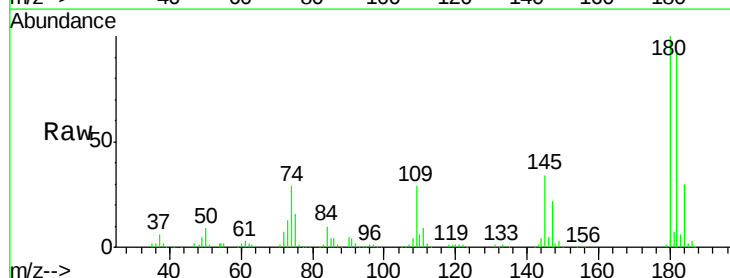


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

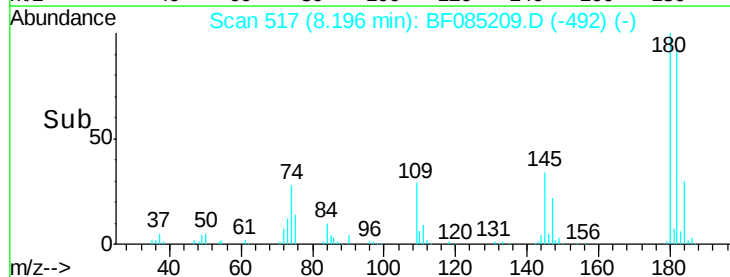
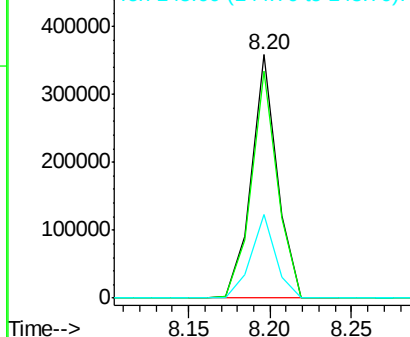


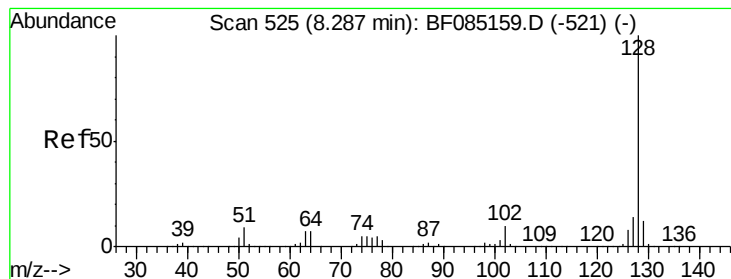
#30
 1,2,4-Trichlorobenzene
 Concen: 37.66 ng
 RT: 8.20 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion:180 Resp: 392492
 Ion Ratio Lower Upper
 180 100
 182 93.4 74.9 112.3
 145 34.4 27.9 41.9



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: 36.63 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

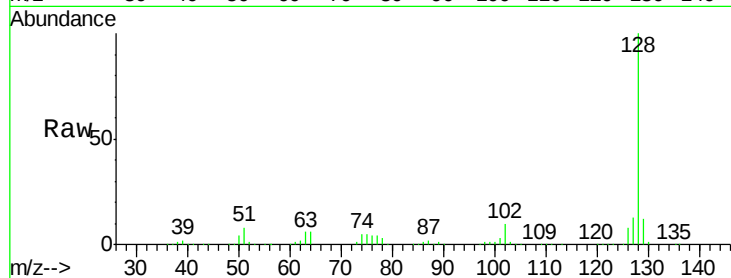
Tgt Ion:128 Resp: 1275371

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

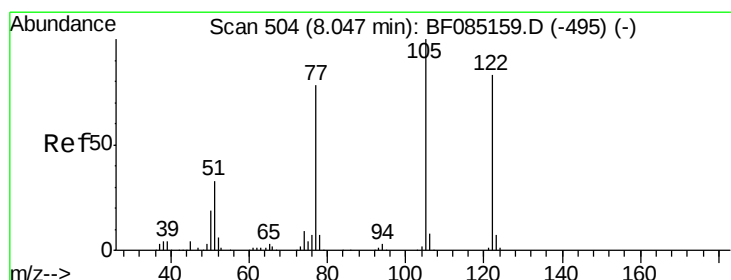
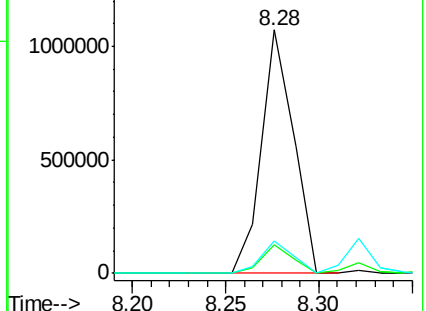
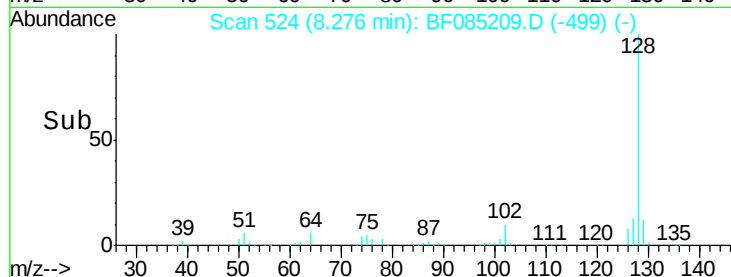
127 13.3 11.2 16.8



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: 28.30 ng

RT: 8.01 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

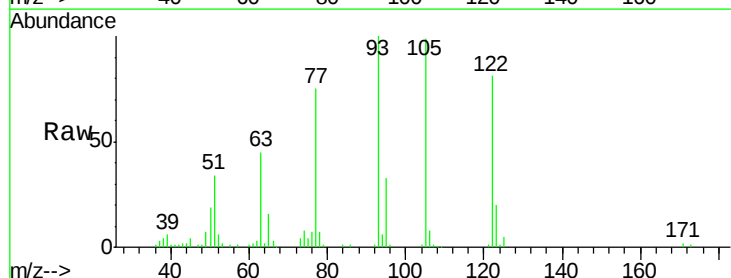
Tgt Ion:122 Resp: 224708

Ion Ratio Lower Upper

122 100

105 122.7 101.3 141.3

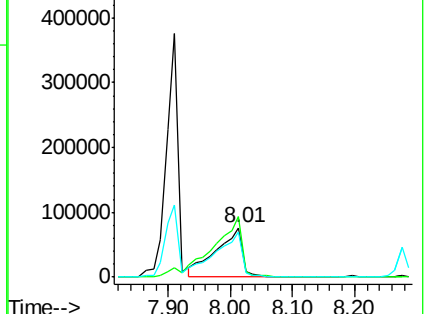
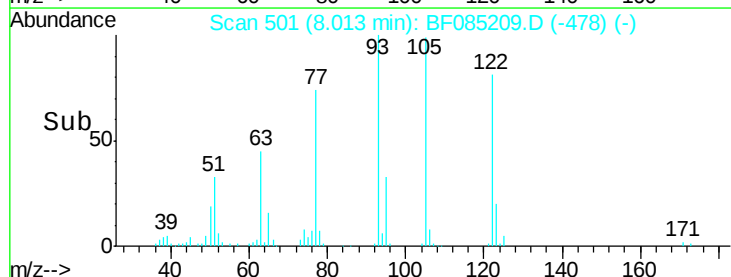
77 92.5 74.7 114.7

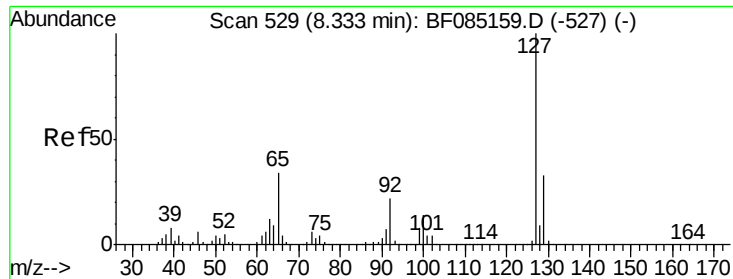


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

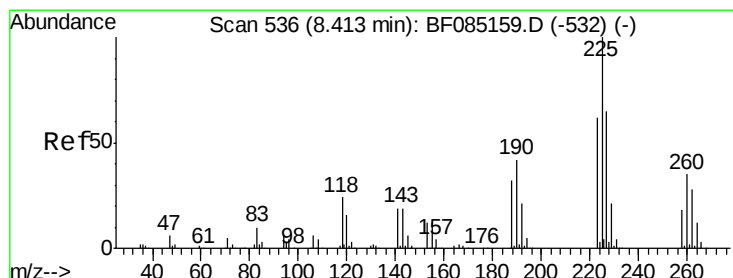
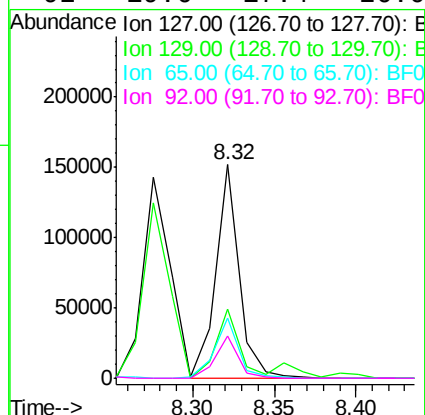
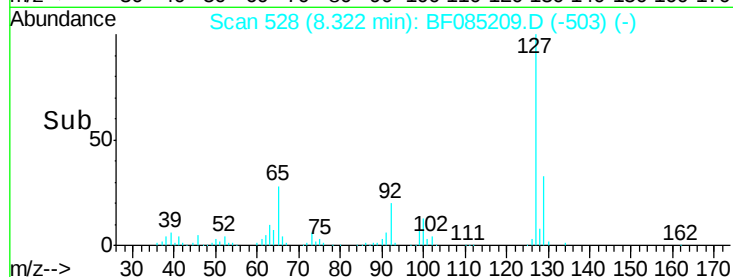
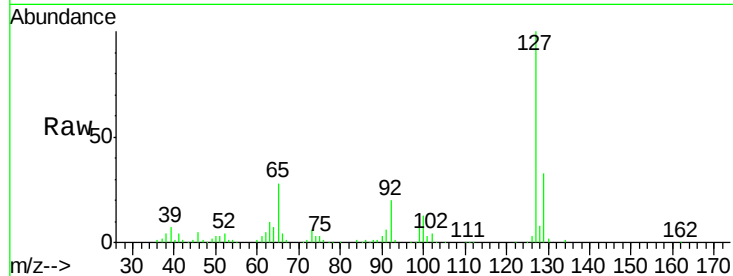




#33
4-Chloroaniline
Concen: 10.79 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

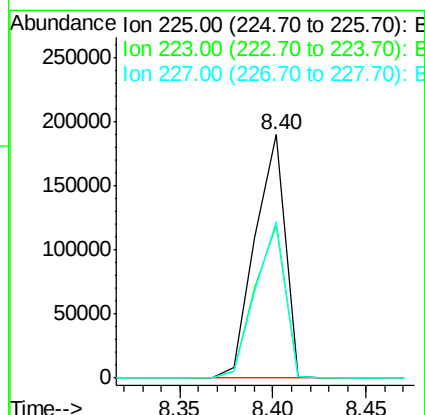
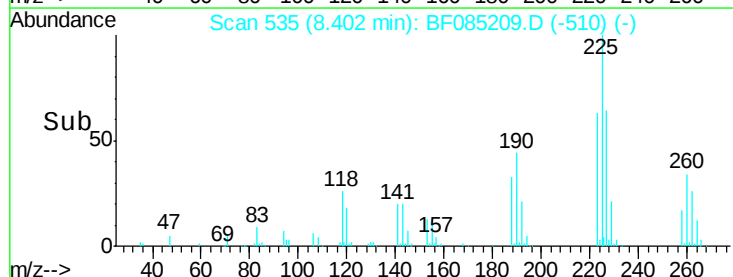
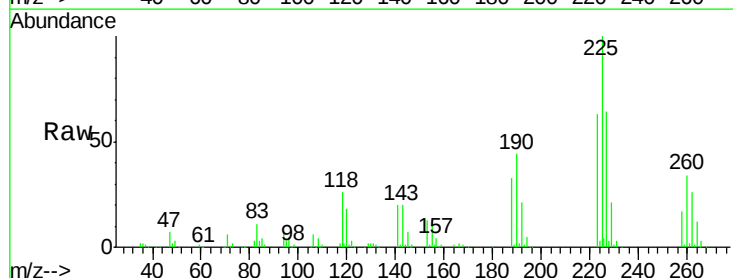
Instrument :
BNA_F
ClientSampleId :
PB88700BS

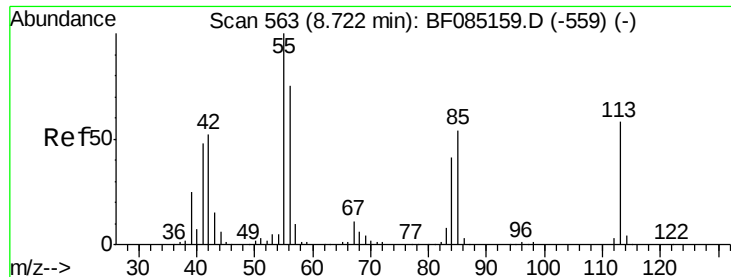
Tgt Ion:	127	Resp:	151888
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	28.3	27.0	40.6
92	19.6	17.4	26.0



#34
Hexachlorobutadiene
Concen: 39.17 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion:	225	Resp:	212456
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	64.3	52.2	78.4

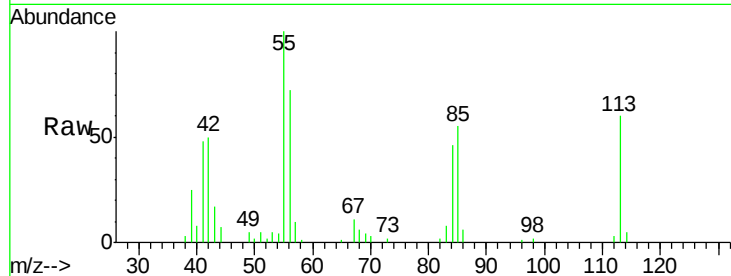




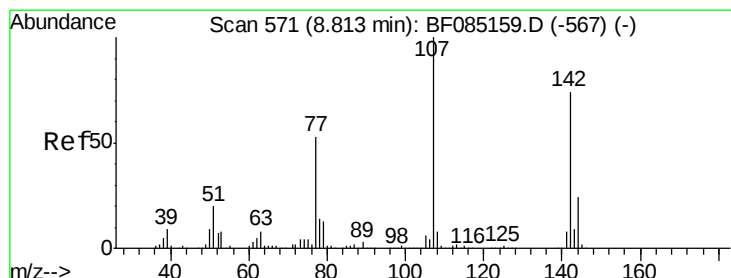
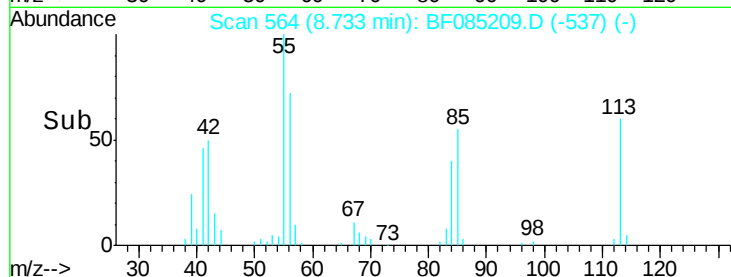
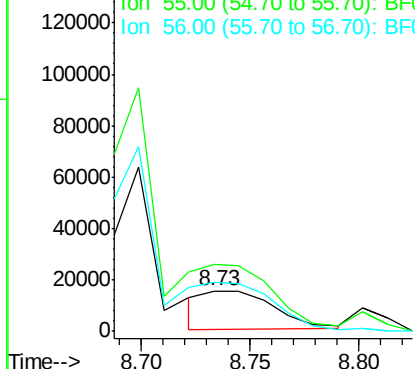
#35
 Caprolactam
 Concen: 10.70 ng
 RT: 8.73 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tgt Ion:113 Resp: 33701
 Ion Ratio Lower Upper
 113 100
 55 166.6 152.7 192.7
 56 120.1 109.0 149.0

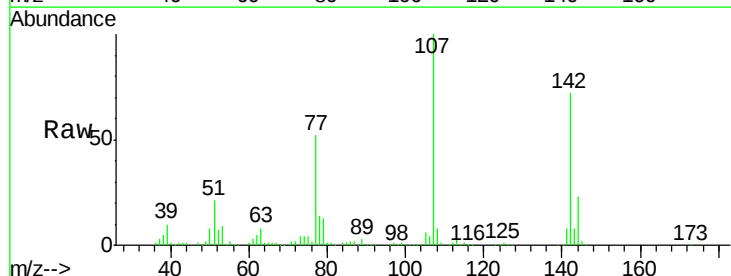


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

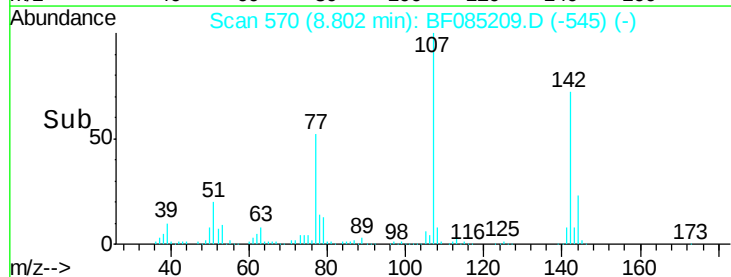
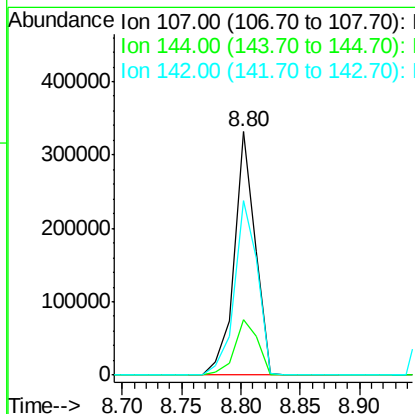


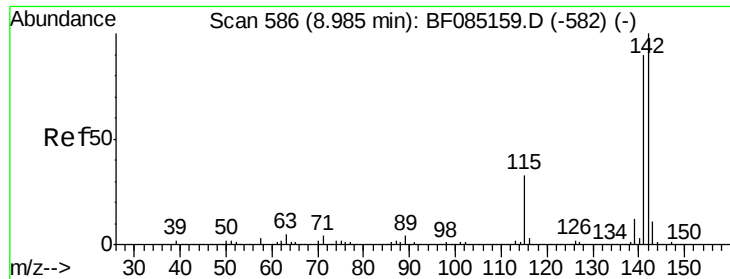
#36
 4-Chloro-3-methylphenol
 Concen: 37.29 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion:107 Resp: 407790
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.4 29.2
 142 71.9 59.4 89.2



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

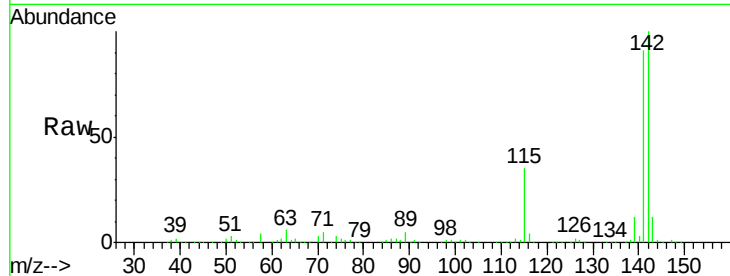




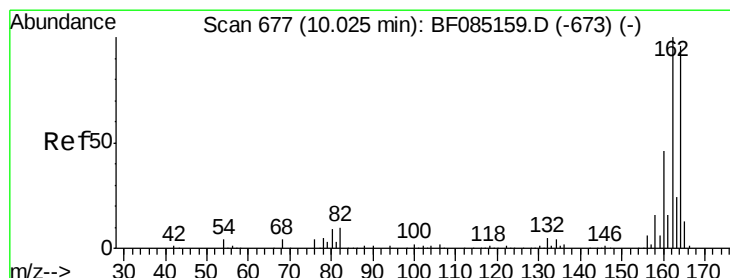
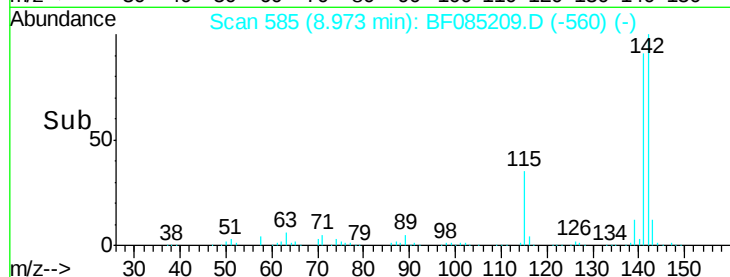
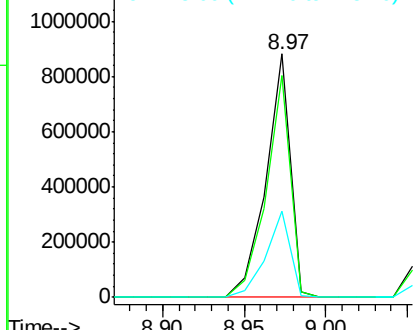
#37
2-Methylnaphthalene
Concen: 41.08 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tgt Ion:142 Resp: 917693
Ion Ratio Lower Upper
142 100
141 91.2 71.7 107.5
115 35.3 26.2 39.4

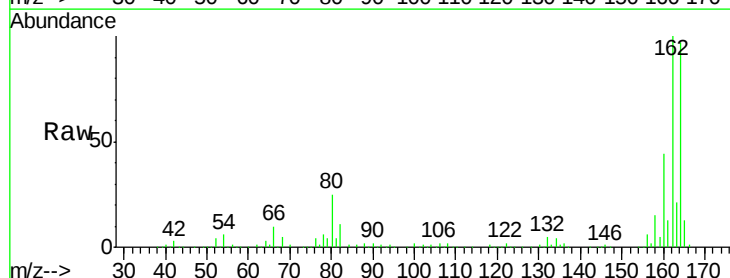


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

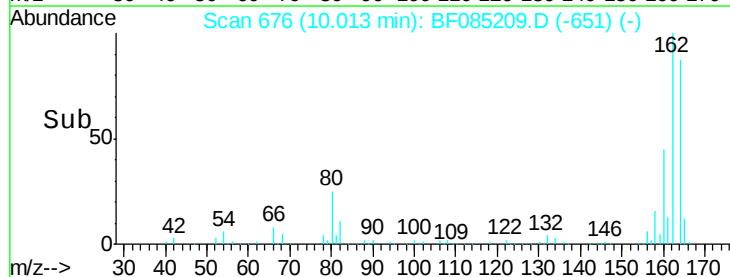
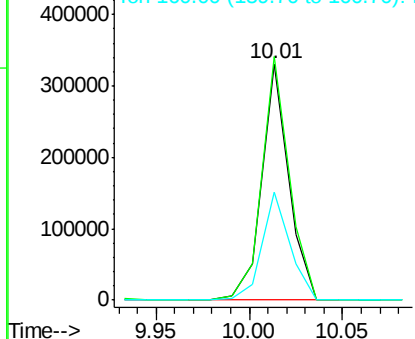


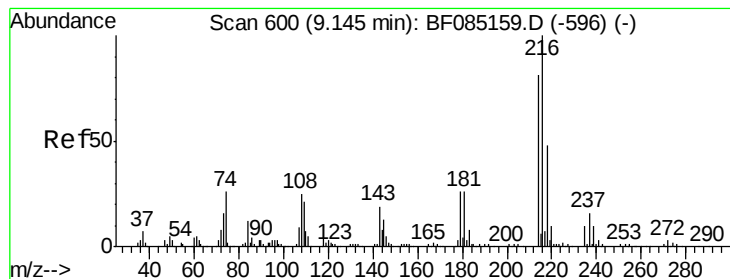
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion:164 Resp: 327753
Ion Ratio Lower Upper
164 100
162 103.2 83.3 124.9
160 45.7 37.9 56.9



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.53 ng

RT: 9.14 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

Tgt Ion:216 Resp: 342396

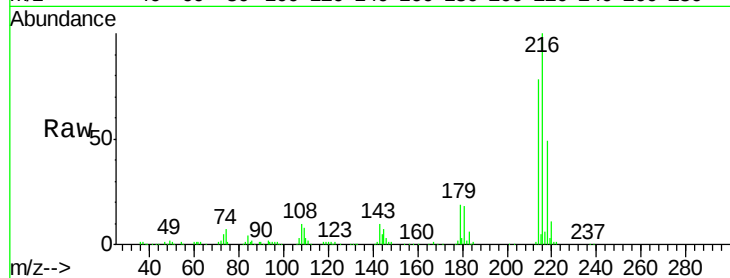
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 22.6 19.6 29.4

108 23.4 19.6 29.4

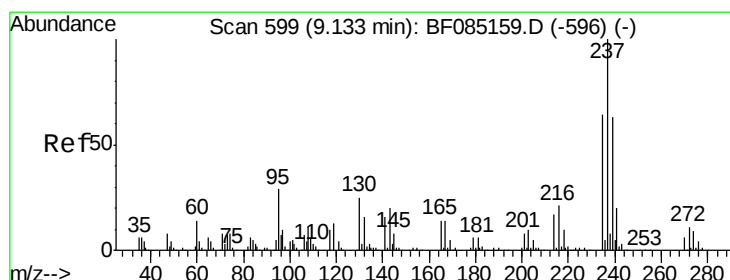
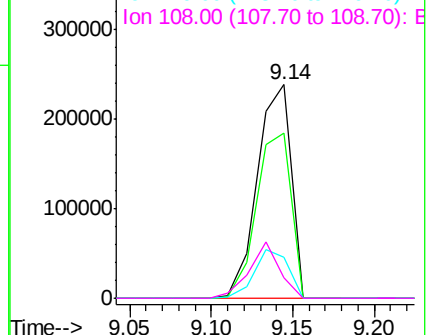
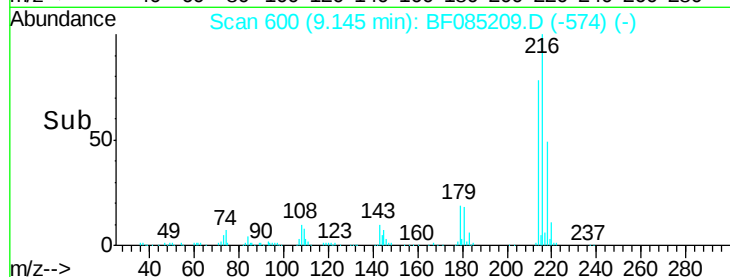


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.08 ng

RT: 9.13 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

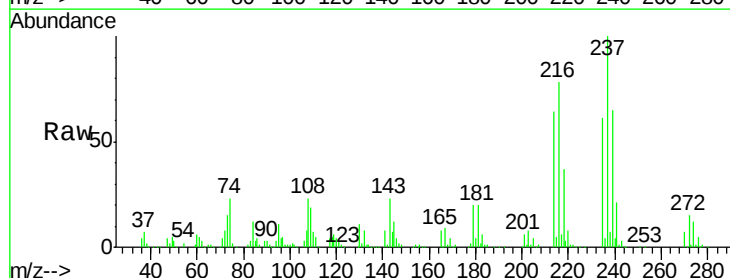
Tgt Ion:237 Resp: 409883

Ion Ratio Lower Upper

237 100

235 61.3 43.7 83.7

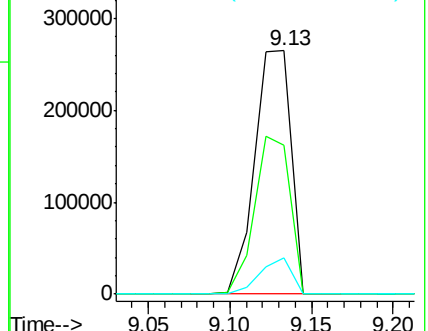
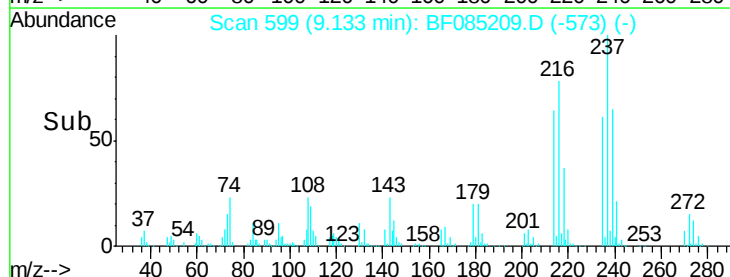
272 14.8 0.0 31.5

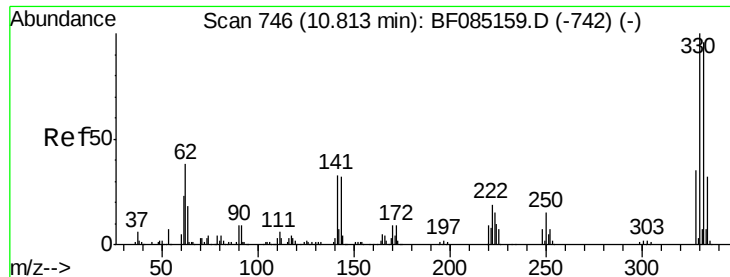


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

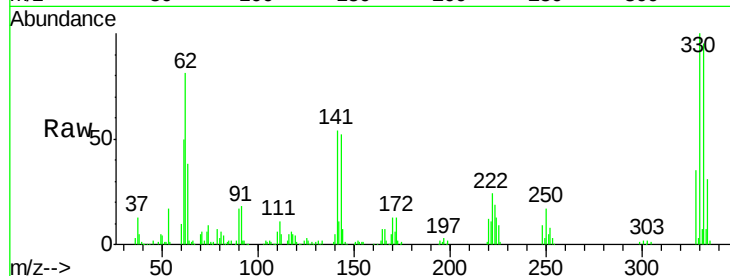




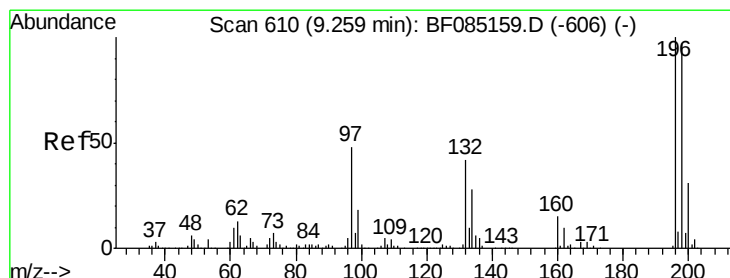
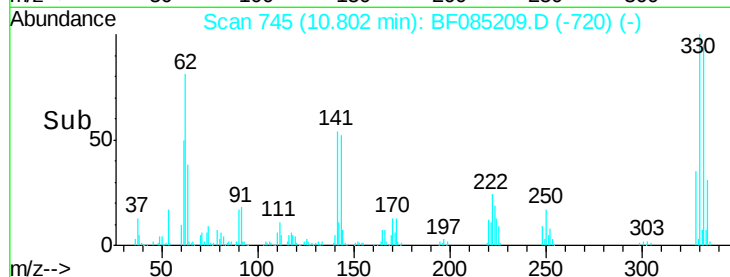
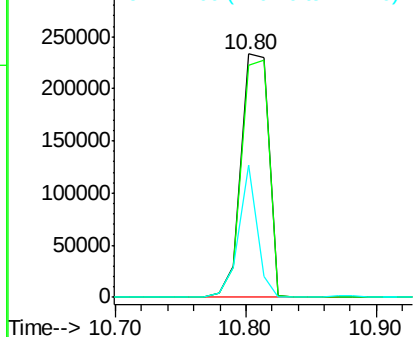
#41
 2,4,6-Tribromophenol
 Concen: 122.34 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tgt Ion:330 Resp: 343084
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 36.0 35.0 52.6

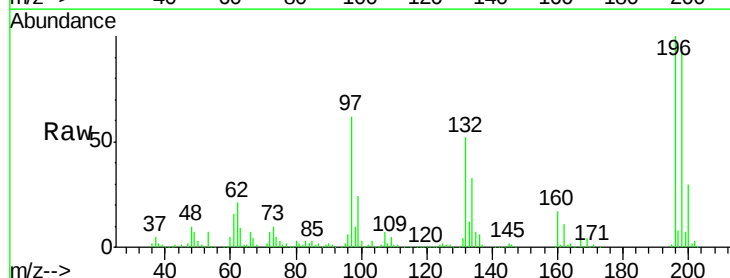


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

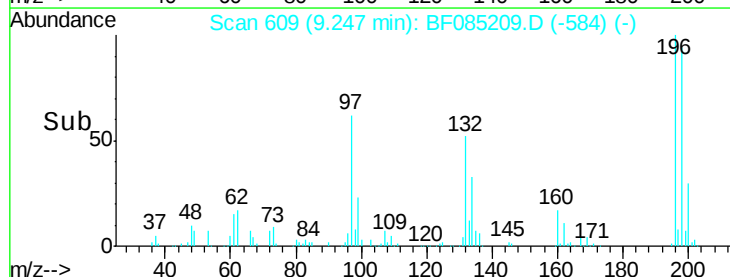
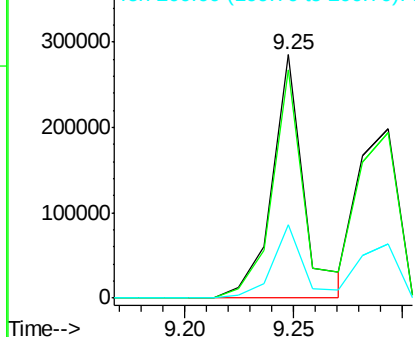


#42
 2,4,6-Trichlorophenol
 Concen: 41.65 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion:196 Resp: 290633
 Ion Ratio Lower Upper
 196 100
 198 93.9 77.8 116.6
 200 30.2 25.0 37.6



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

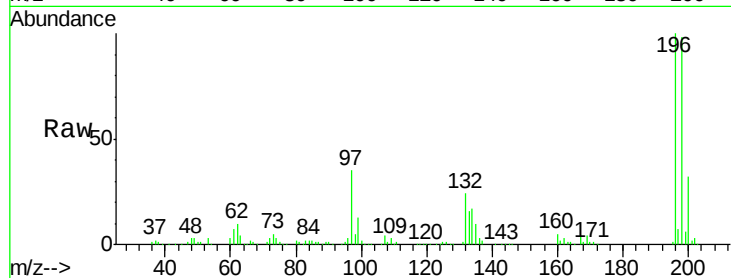




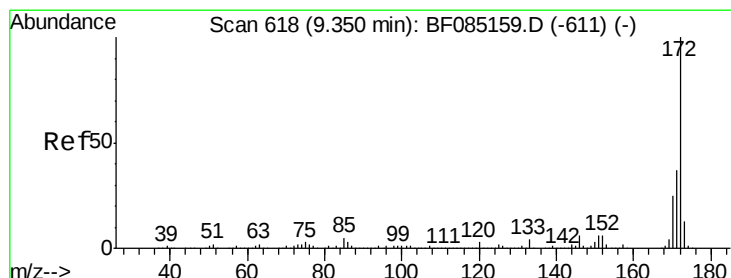
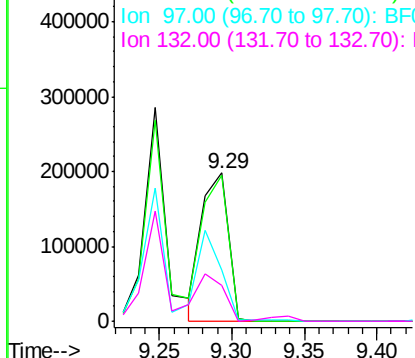
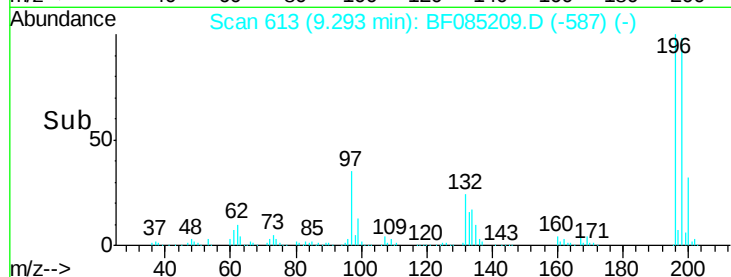
#43
 2,4,5-Trichlorophenol
 Concen: 38.36 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tgt Ion:196 Resp: 253764
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.7 113.5
 97 34.8 46.4 69.6#
 132 23.9 26.2 39.4#

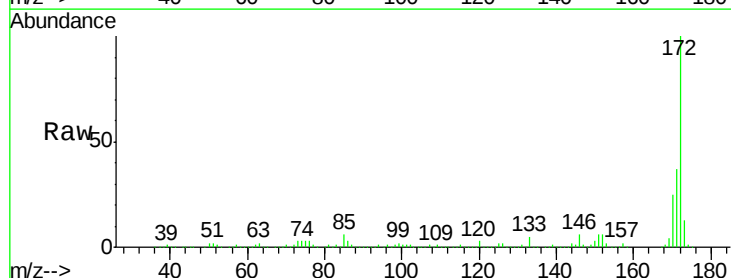


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

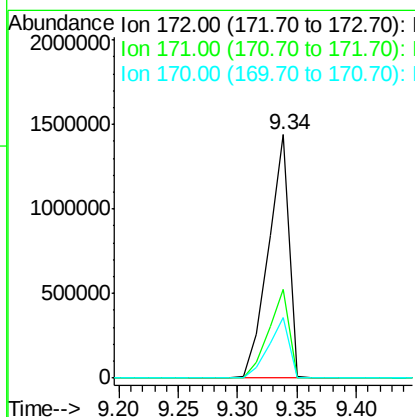
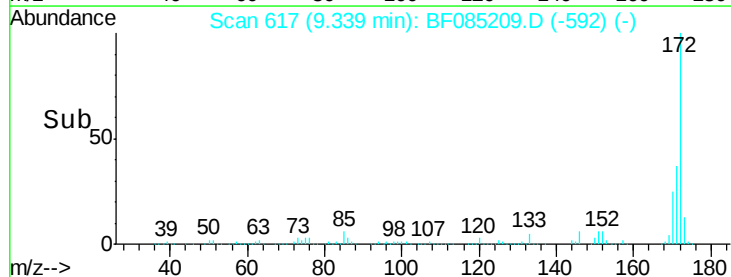


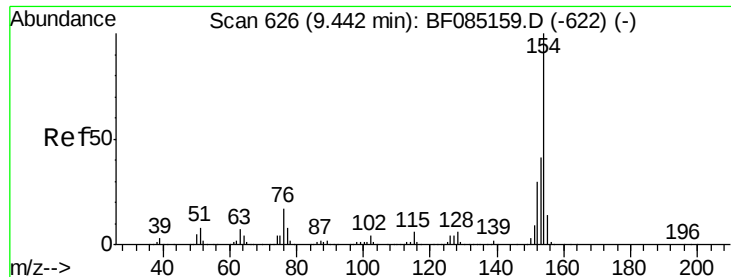
#44
 2-Fluorobiphenyl
 Concen: 81.79 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion:172 Resp: 1762639
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 24.7 20.0 30.0



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

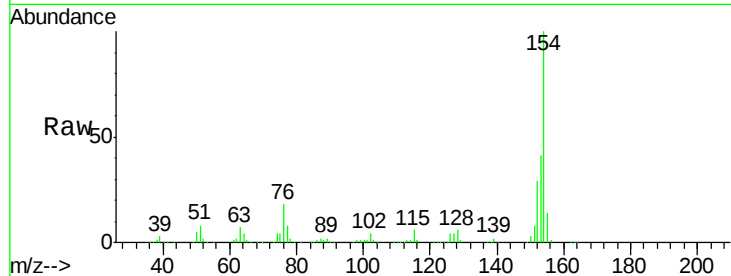




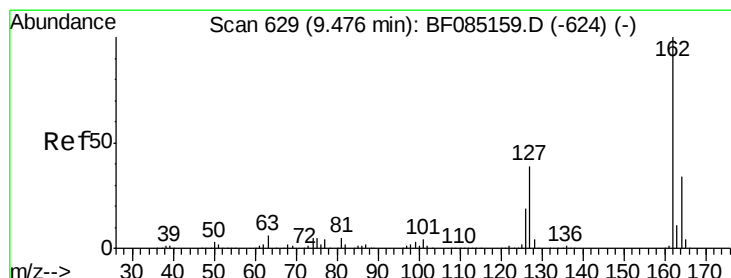
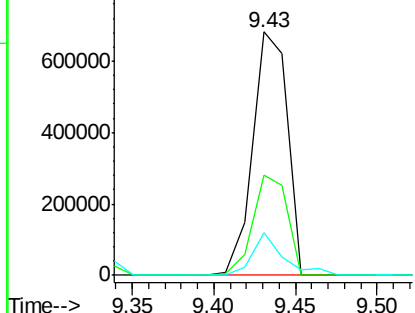
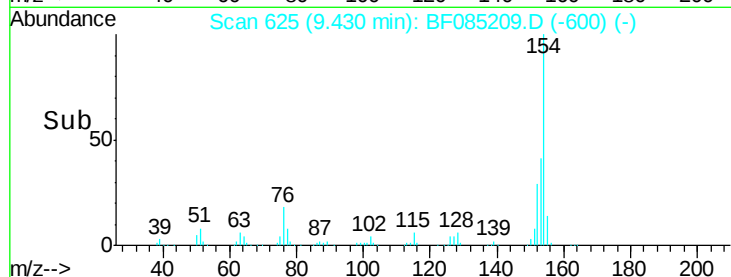
#45
 1,1'-Biphenyl
 Concen: 35.80 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tgt Ion:154 Resp: 1002554
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.4 61.4
 76 17.6 0.0 37.5

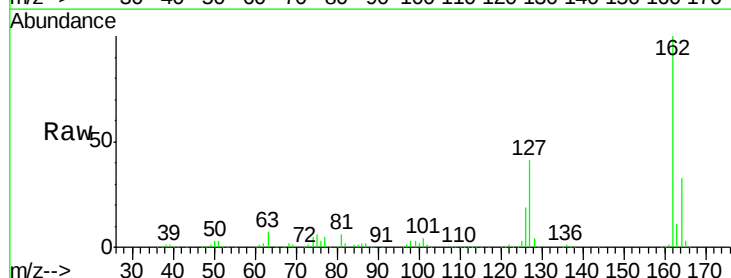


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

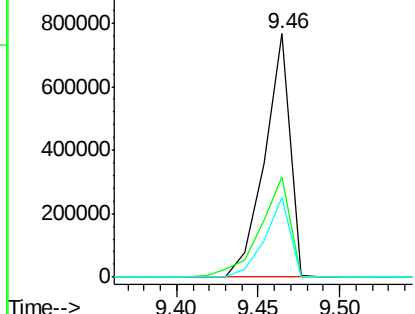
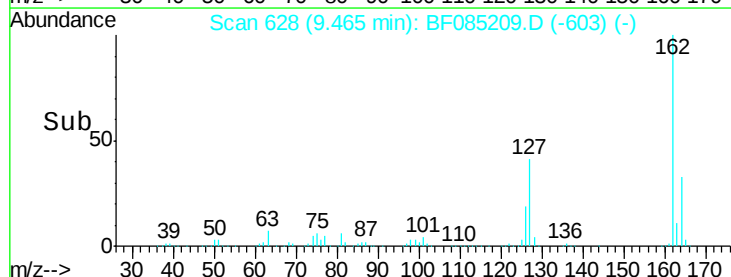


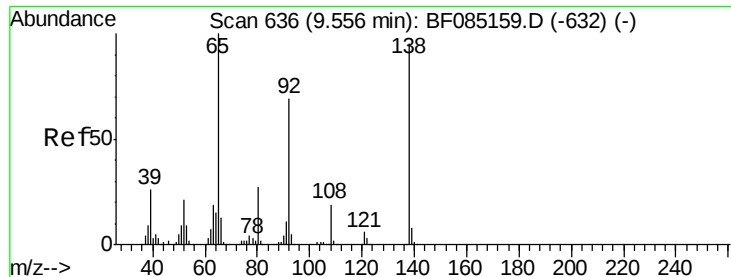
#46
 2-Chloronaphthalene
 Concen: 38.99 ng
 RT: 9.46 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion:162 Resp: 832216
 Ion Ratio Lower Upper
 162 100
 127 41.4 31.6 47.4
 164 32.8 27.1 40.7



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

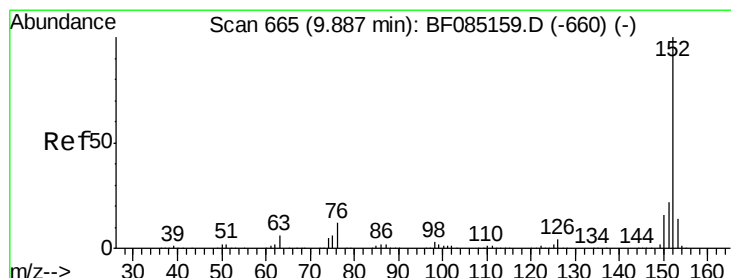
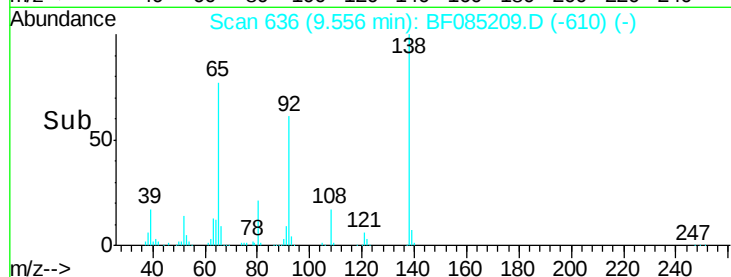
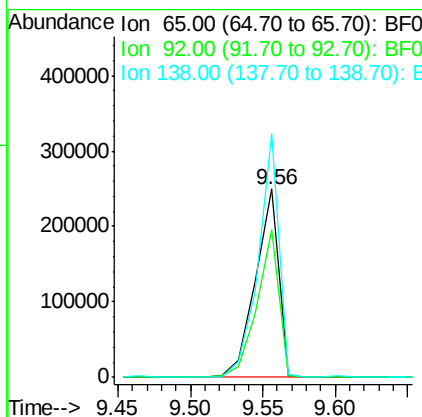
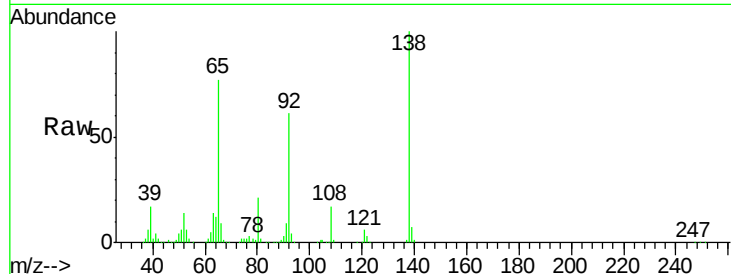




#47
2-Nitroaniline
Concen: 41.64 ng
RT: 9.56 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

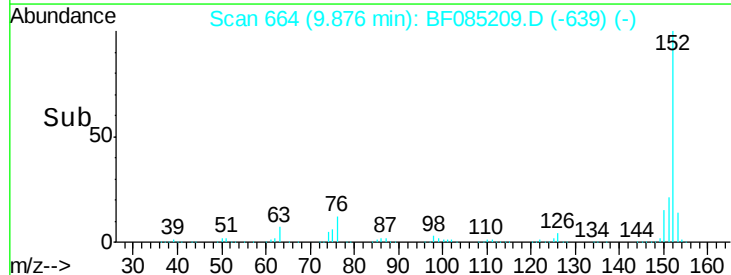
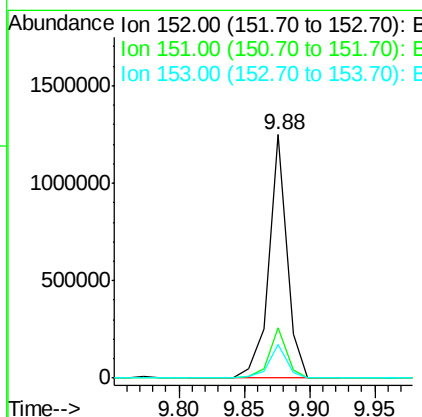
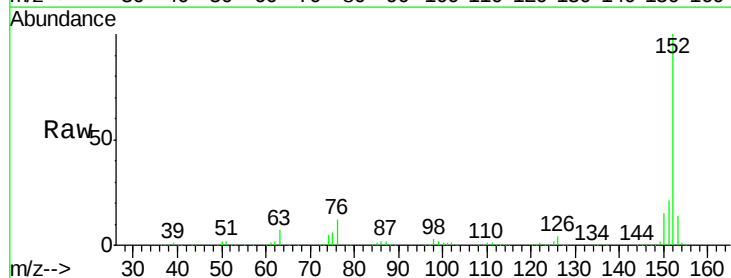
Instrument :
BNA_F
ClientSampleId :
PB88700BS

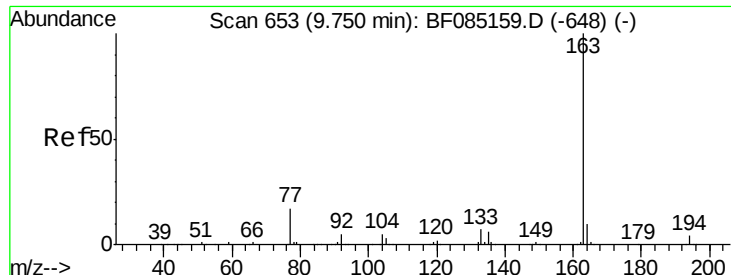
Tgt Ion: 65 Resp: 275418
Ion Ratio Lower Upper
65 100
92 78.5 55.4 83.2
138 129.4 75.7 113.5#



#48
Acenaphthylene
Concen: 36.67 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion: 152 Resp: 1218053
Ion Ratio Lower Upper
152 100
151 20.9 17.5 26.3
153 13.9 11.3 16.9

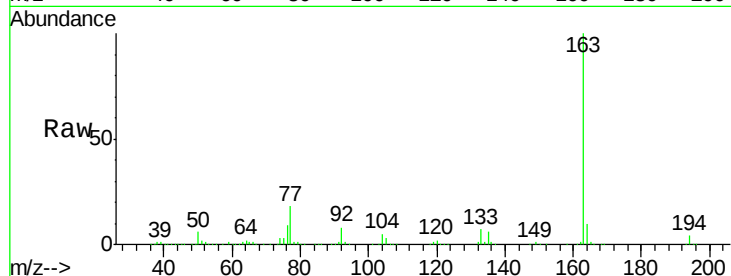




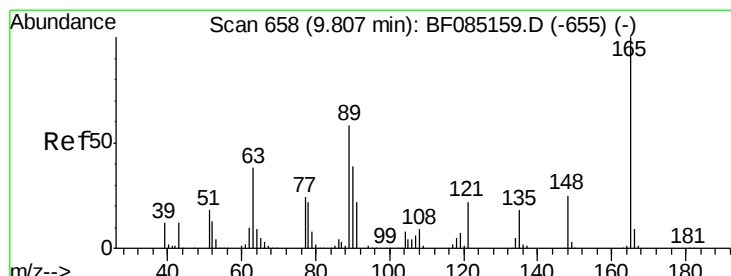
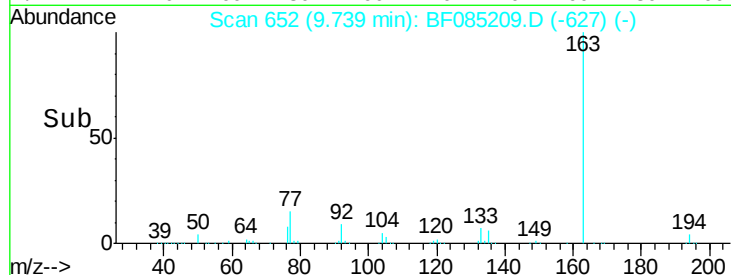
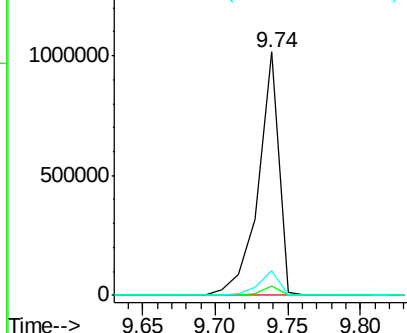
#49
Dimethylphthalate
Concen: 39.78 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampled :
PB88700BS

Tgt Ion:163 Resp: 1000721
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 8.2 12.4

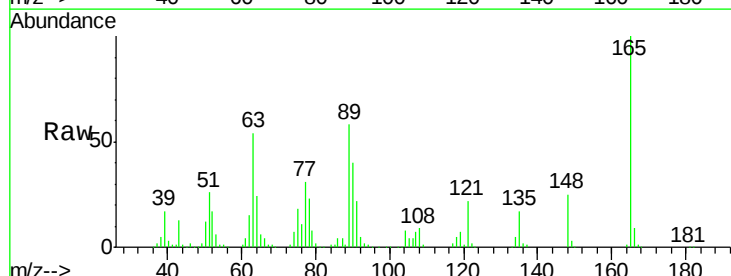


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

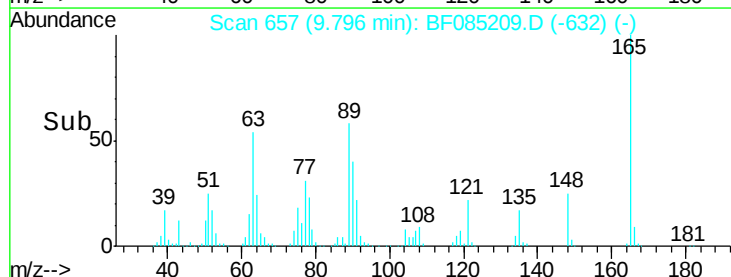
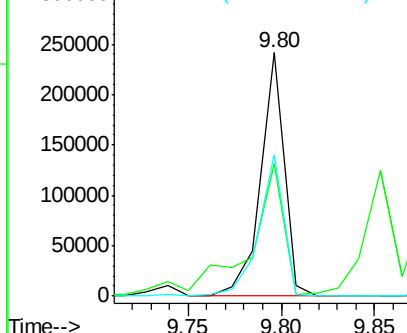


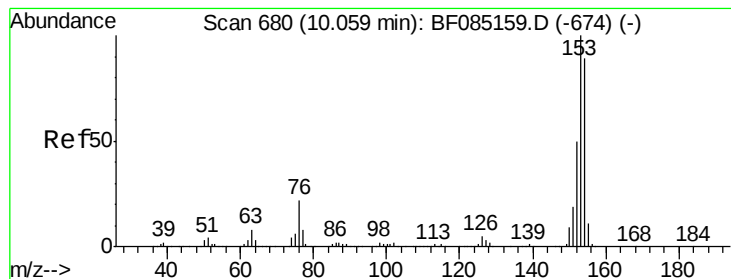
#50
2,6-Dinitrotoluene
Concen: 39.24 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion:165 Resp: 211199
Ion Ratio Lower Upper
165 100
63 54.3 41.8 62.8
89 58.1 46.7 70.1



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: 40.56 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

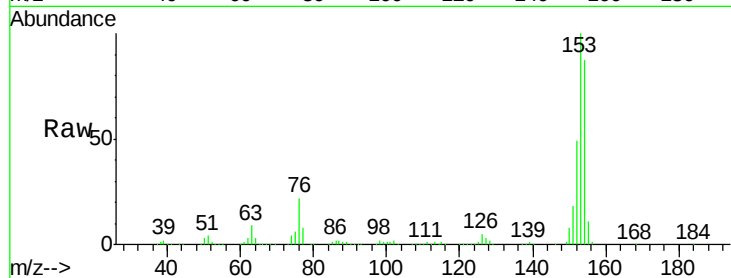
Tgt Ion:154 Resp: 818152

Ion Ratio Lower Upper

154 100

153 114.4 89.8 134.8

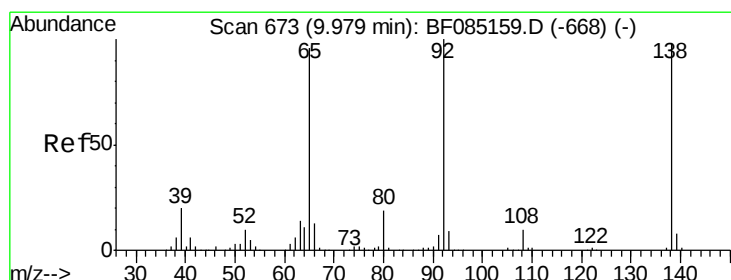
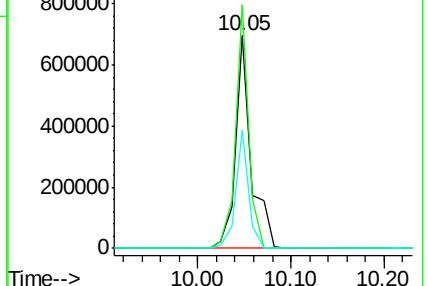
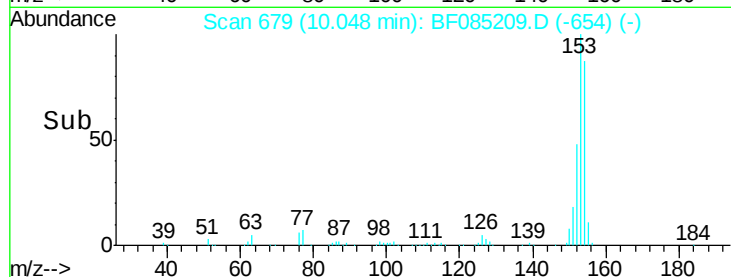
152 55.6 44.6 66.8



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: 16.70 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

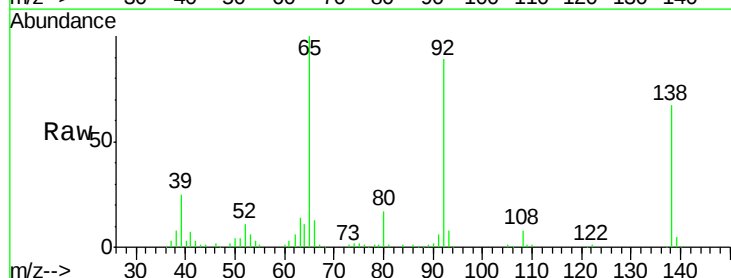
Tgt Ion:138 Resp: 107546

Ion Ratio Lower Upper

138 100

108 11.9 7.8 11.6#

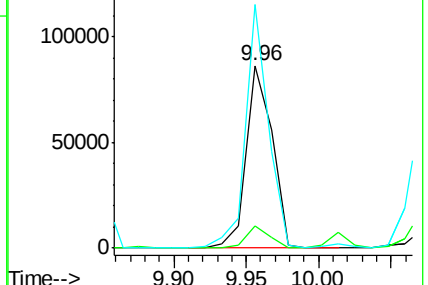
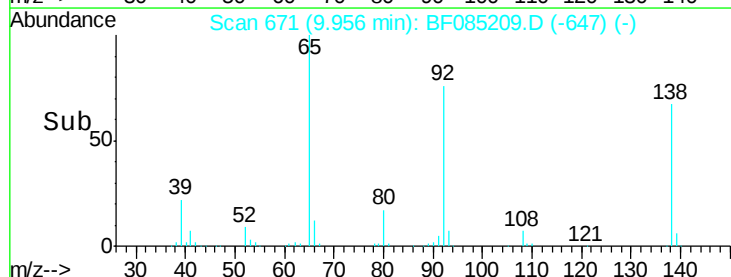
92 133.4 81.3 121.9#

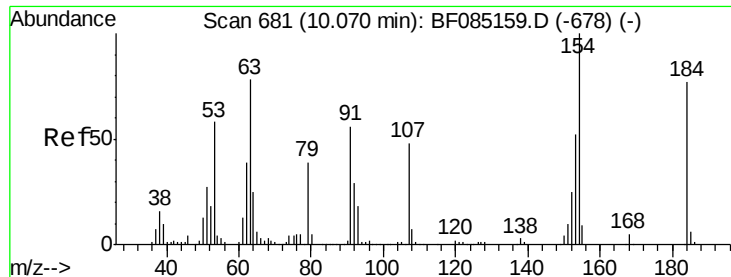


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

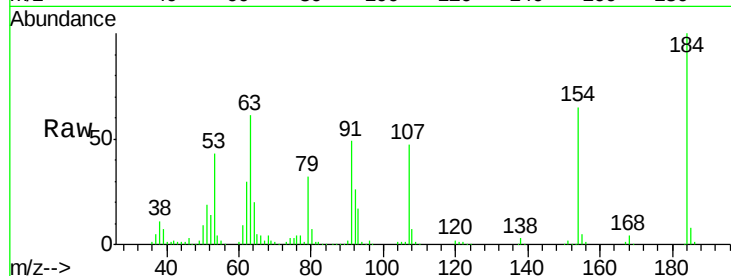




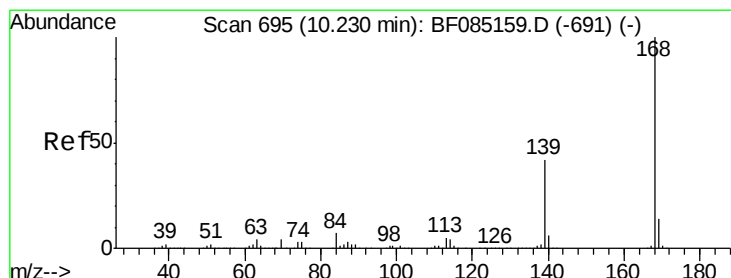
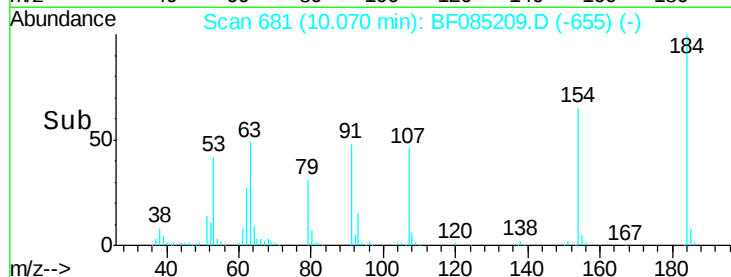
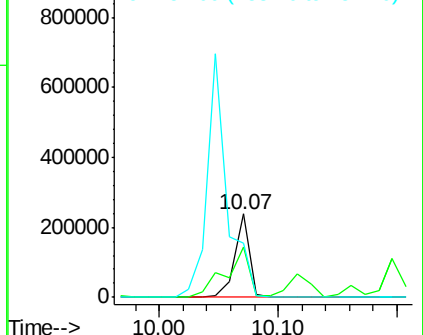
#53
2,4-Dinitrophenol
Concen: 75.86 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tgt Ion:184 Resp: 205916
Ion Ratio Lower Upper
184 100
63 61.1 82.2 123.4#
154 65.0 108.9 163.3#

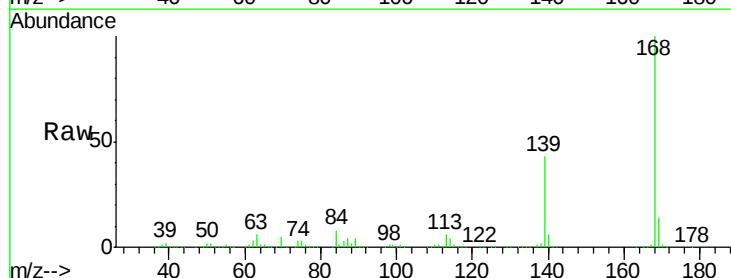


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

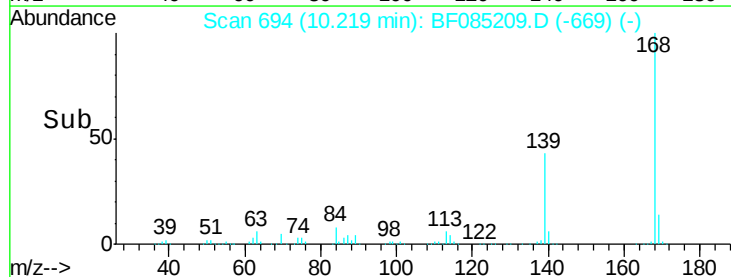
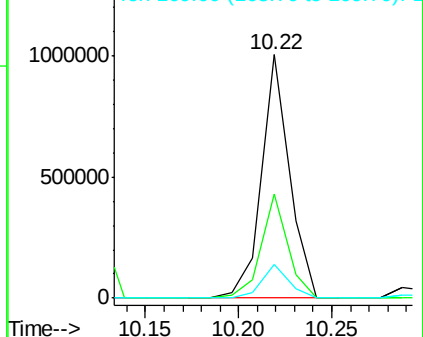


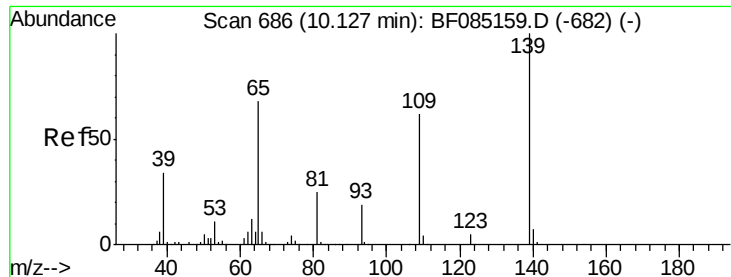
#54
Dibenzofuran
Concen: 39.38 ng
RT: 10.22 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion:168 Resp: 1040730
Ion Ratio Lower Upper
168 100
139 42.7 33.6 50.4
169 13.8 11.2 16.8



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

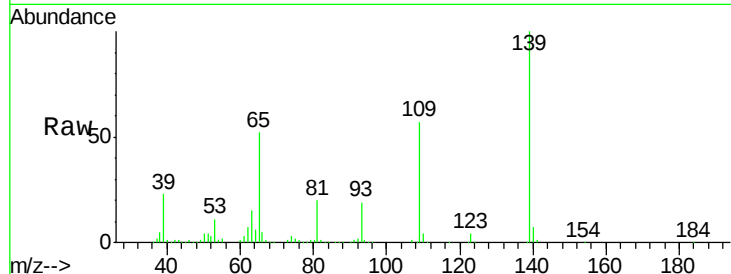




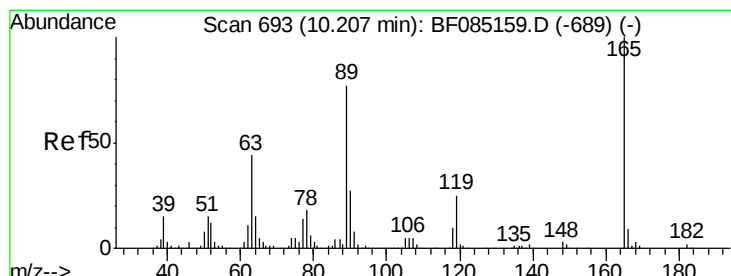
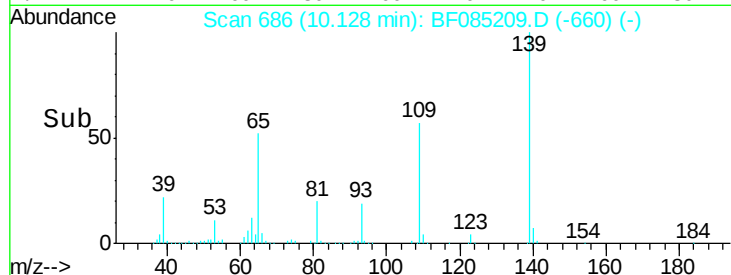
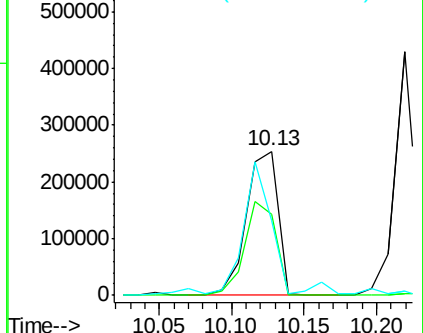
#55
4-Nitrophenol
Concen: 75.70 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampled :
PB88700BS

Tgt Ion:139 Resp: 383025
Ion Ratio Lower Upper
139 100
109 56.5 41.9 81.9
65 51.9 48.3 88.3

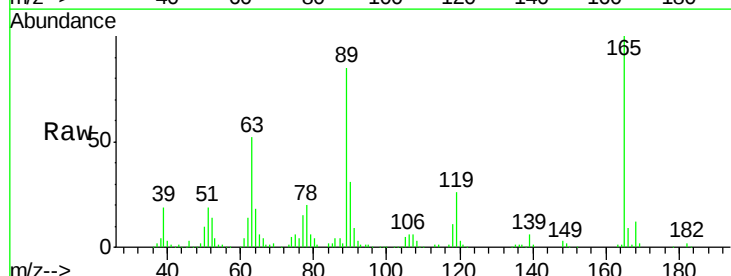


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

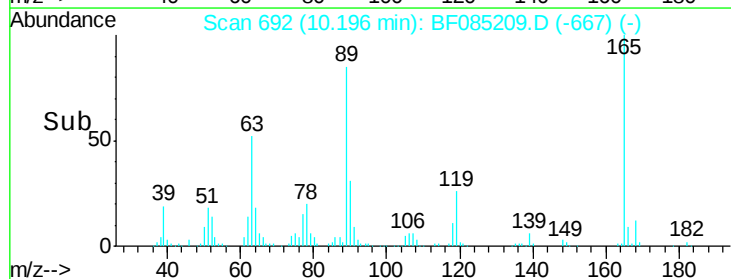
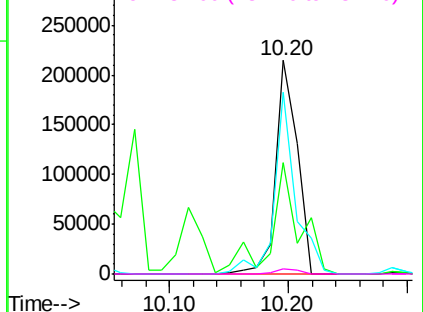


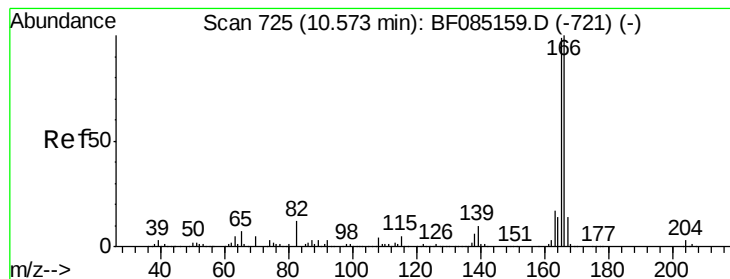
#56
2,4-Dinitrotoluene
Concen: 38.51 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion:165 Resp: 265257
Ion Ratio Lower Upper
165 100
63 52.4 35.4 53.0
89 84.9 61.9 92.9
182 2.2 1.9 2.9



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: 37.91 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampled :

PB88700BS

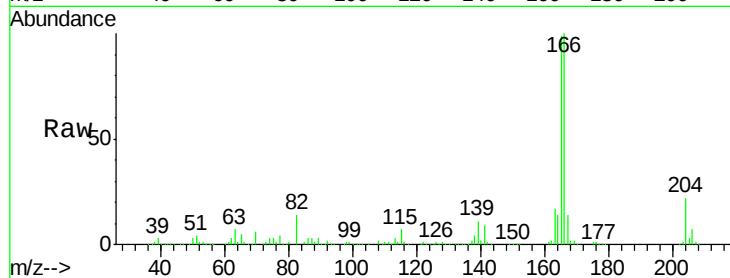
Tgt Ion:166 Resp: 786972

Ion Ratio Lower Upper

166 100

165 98.7 79.4 119.0

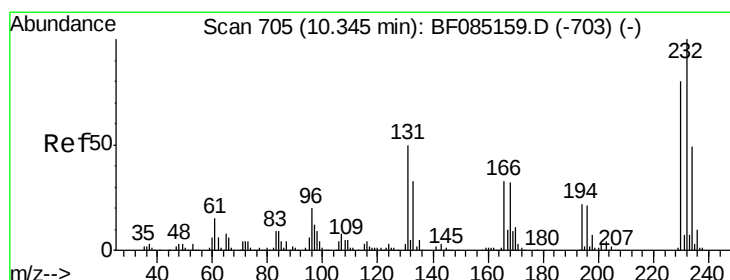
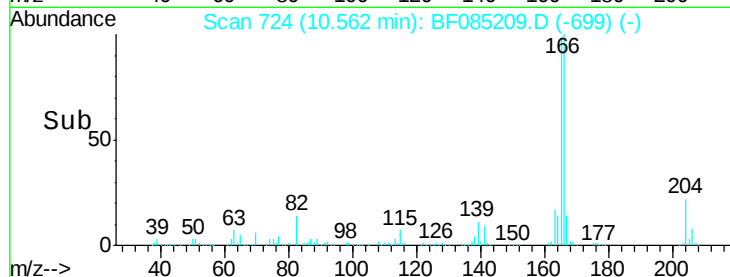
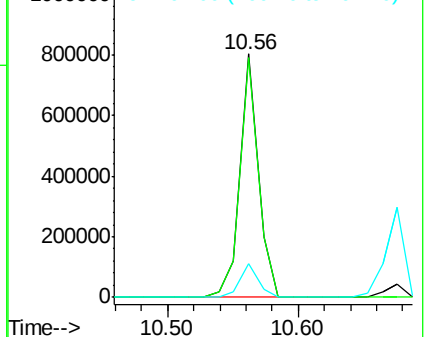
167 13.7 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.81 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Tgt Ion:232 Resp: 194319

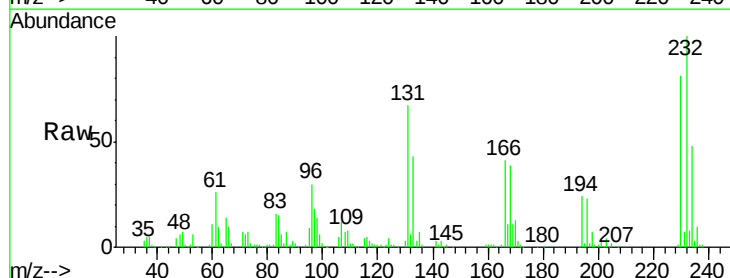
Ion Ratio Lower Upper

232 100

131 56.1 46.0 69.0

130 2.8 2.2 3.4

166 35.6 28.8 43.2

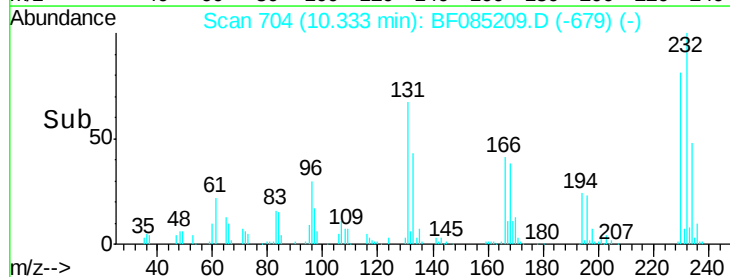
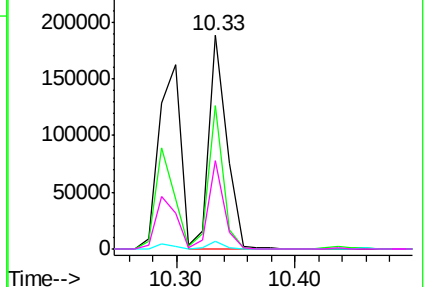


Abundance Ion 232.00 (231.70 to 232.70): E

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

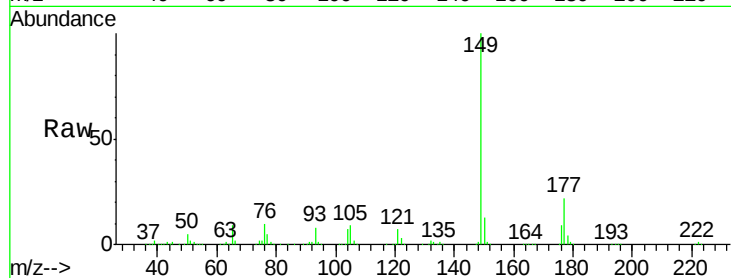




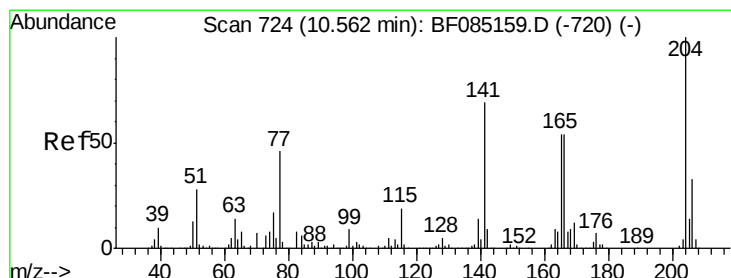
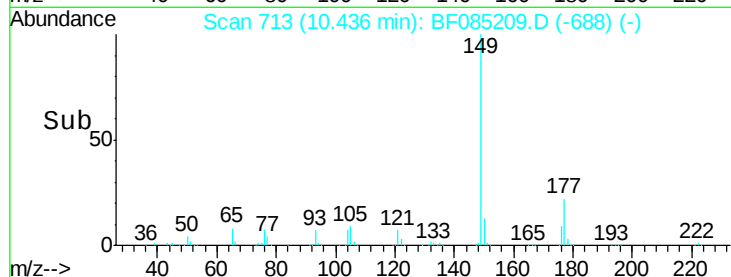
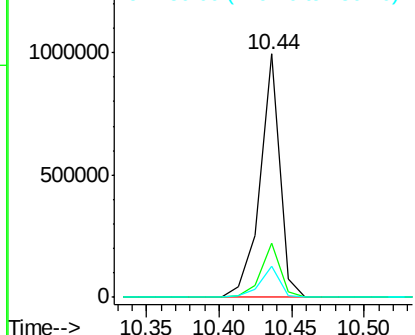
#59
Diethylphthalate
Concen: 38.33 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tgt Ion:149 Resp: 935613
Ion Ratio Lower Upper
149 100
177 22.0 19.2 28.8
150 12.9 9.9 14.9

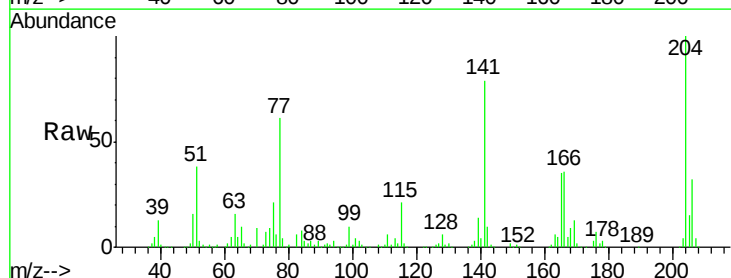


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

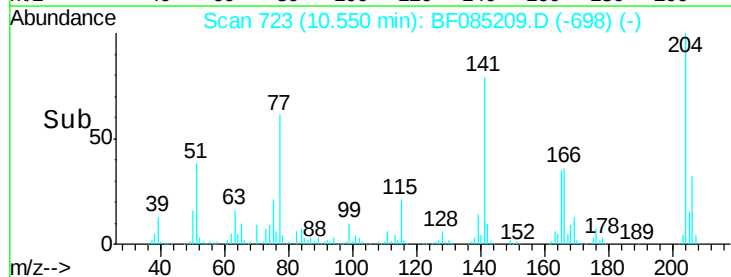
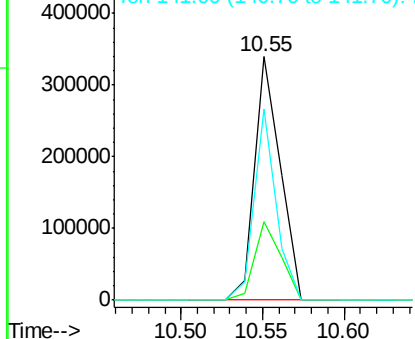


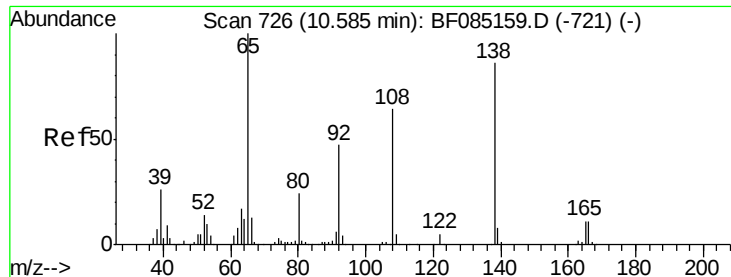
#60
4-Chlorophenyl-phenylether
Concen: 36.83 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion:204 Resp: 372004
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 78.6 55.4 83.2



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

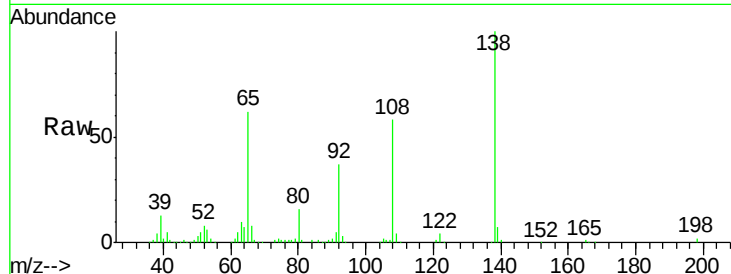




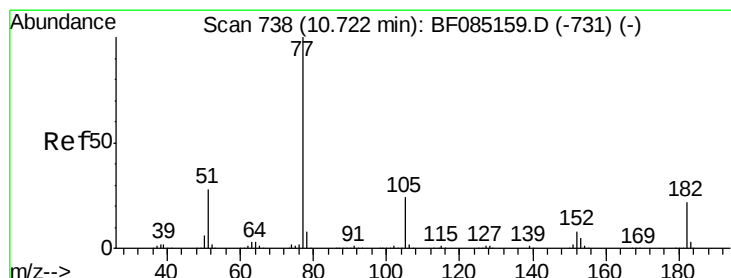
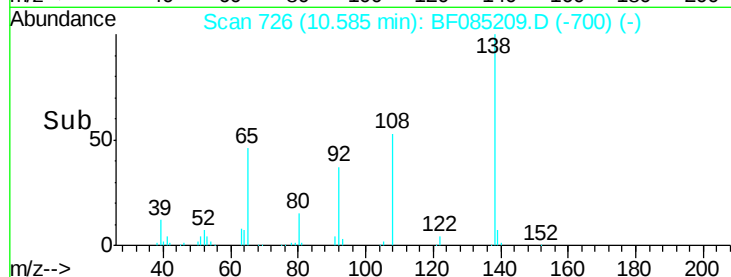
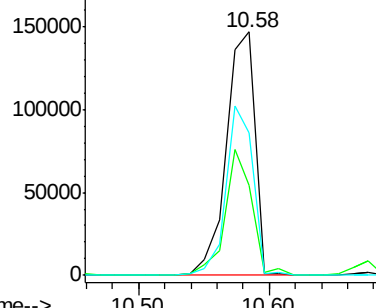
#61
4-Nitroaniline
Concen: 37.51 ng
RT: 10.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tgt Ion: 138 Resp: 225892
Ion Ratio Lower Upper
138 100
92 37.0 34.2 74.2
108 58.3 53.9 93.9



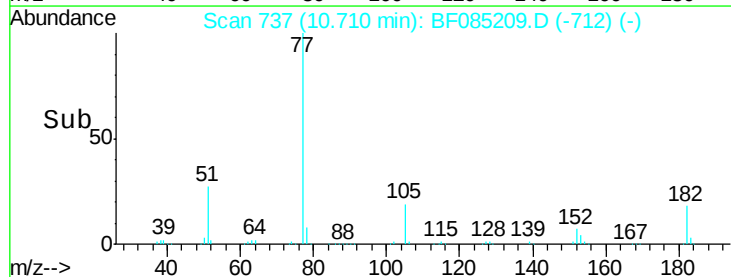
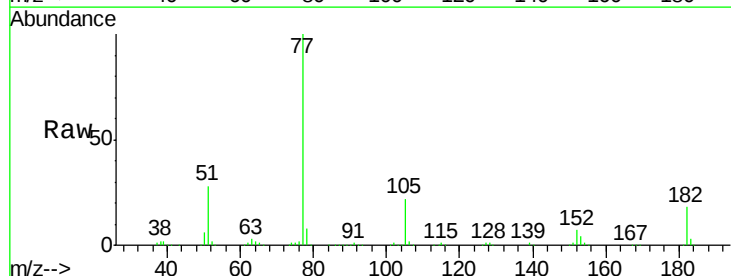
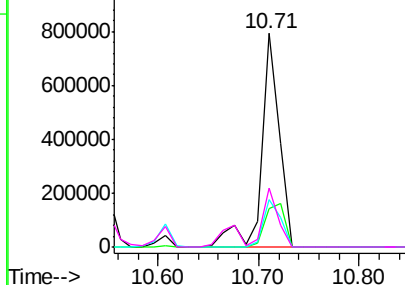
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

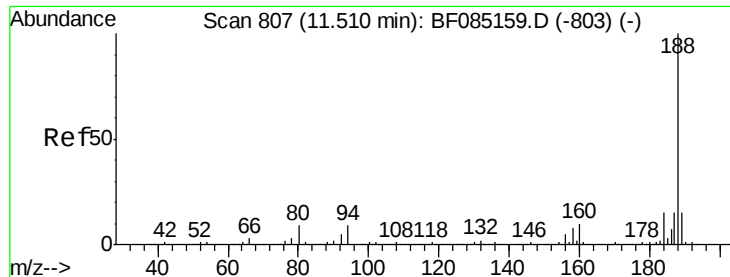


#62
Azobenzene
Concen: 40.57 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion: 77 Resp: 975701
Ion Ratio Lower Upper
77 100
182 18.1 2.1 42.1
105 22.1 3.8 43.8
51 27.7 7.8 47.8

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

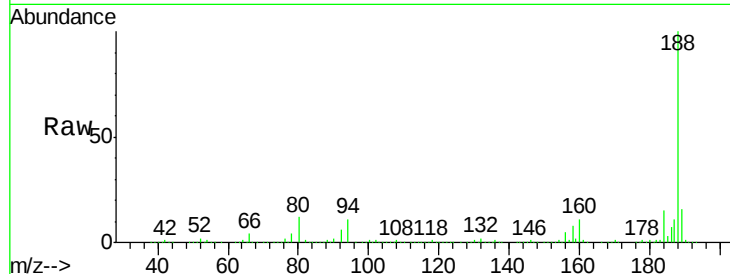




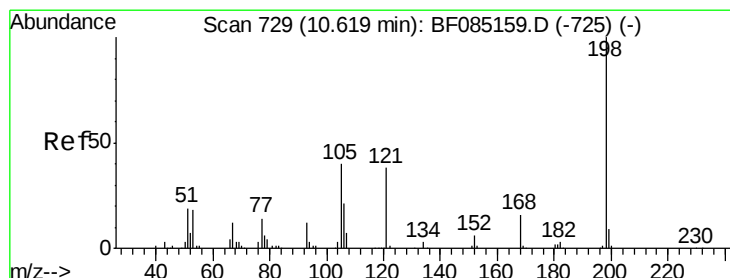
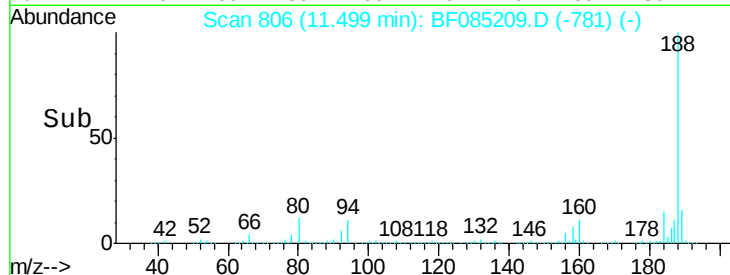
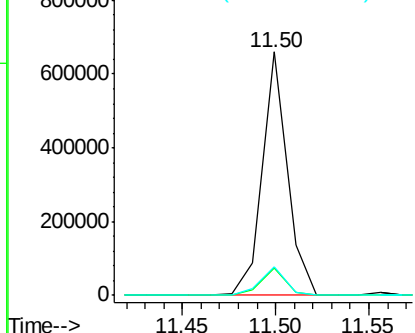
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tgt Ion:188 Resp: 609601
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.6#
80 11.9 7.4 11.0#

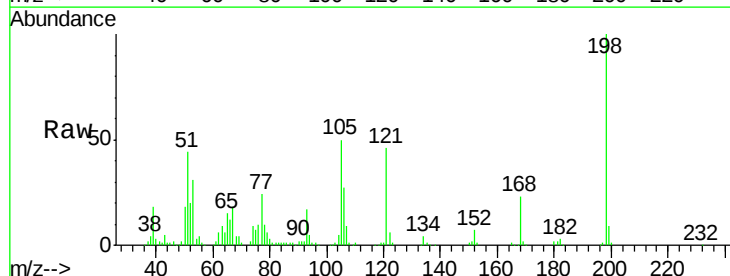


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

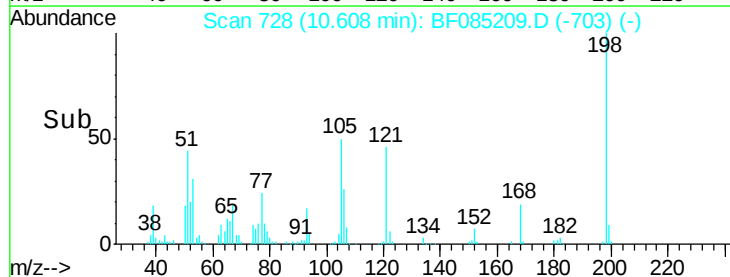
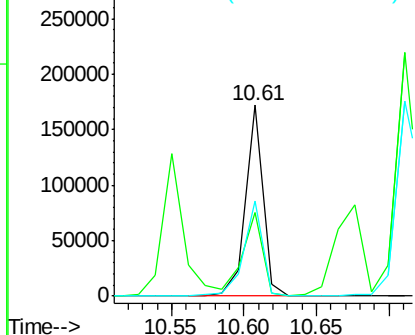


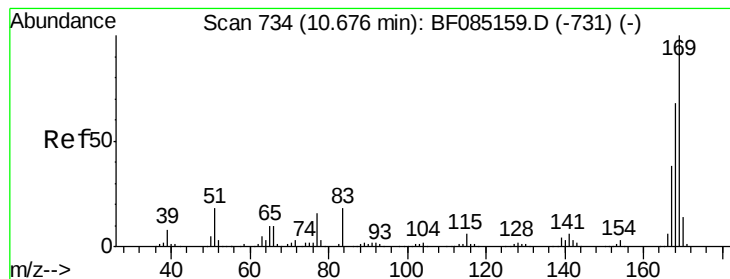
#64
4,6-Dinitro-2-methylphenol
Concen: 39.52 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion:198 Resp: 144251
Ion Ratio Lower Upper
198 100
51 43.7 9.5 49.5
105 49.9 20.5 60.5



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

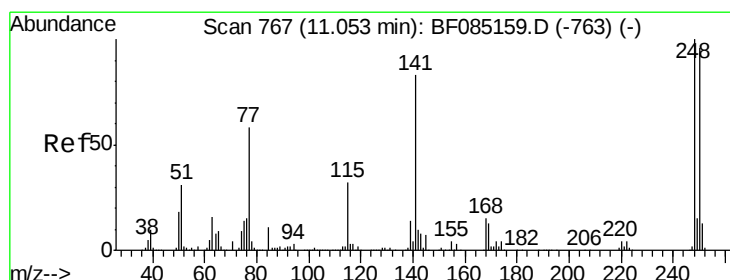
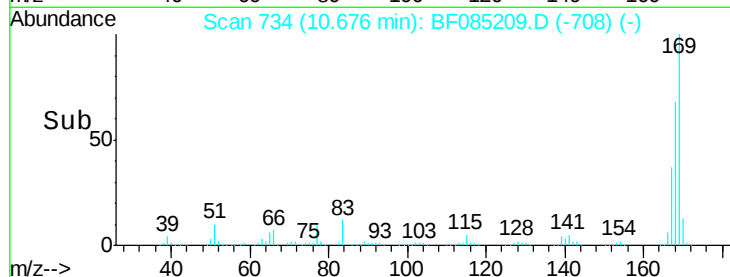
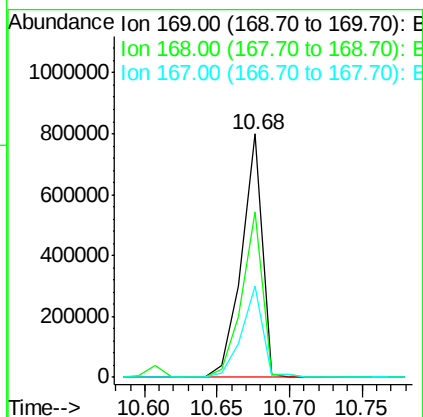
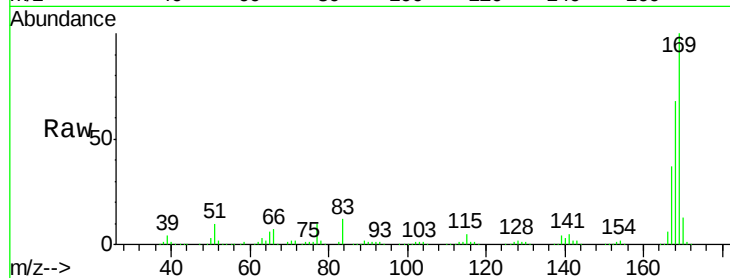




#65
 n-Nitrosodiphenylamine
 Concen: 41.82 ng
 RT: 10.68 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

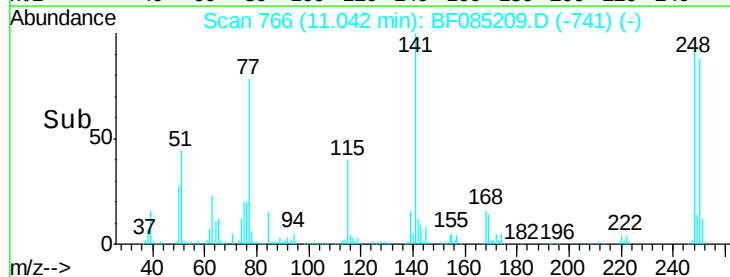
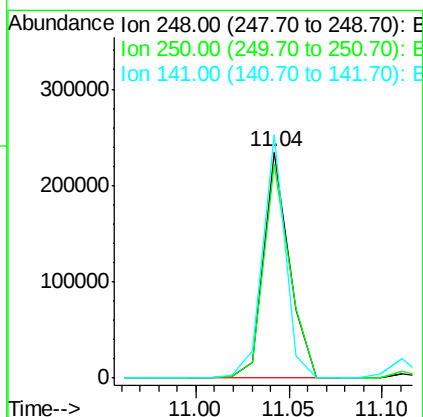
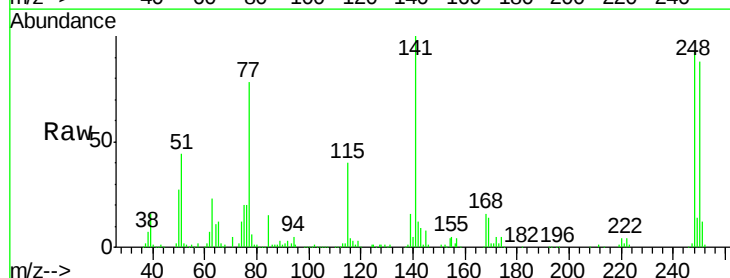
Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tgt Ion:169 Resp: 792943
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.8 82.2
 167 37.4 30.3 45.5



#66
 4-Bromophenyl-phenylether
 Concen: 37.41 ng
 RT: 11.04 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion:248 Resp: 221441
 Ion Ratio Lower Upper
 248 100
 250 95.0 77.1 115.7
 141 107.7 66.2 99.2#

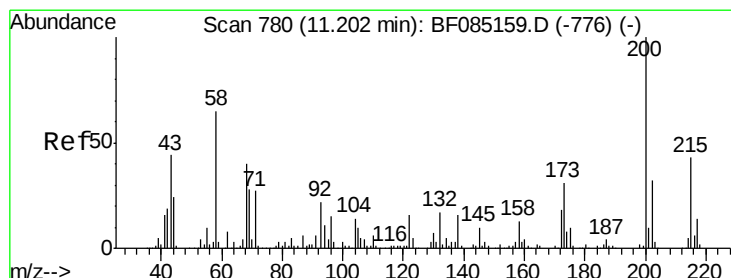
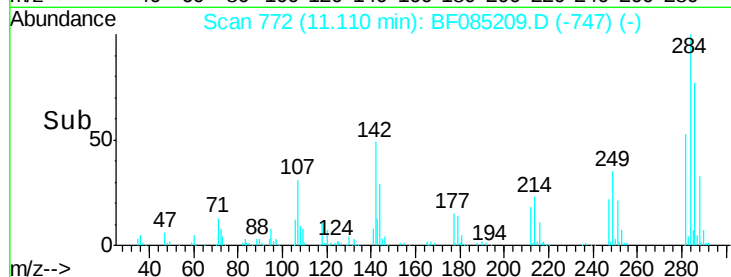
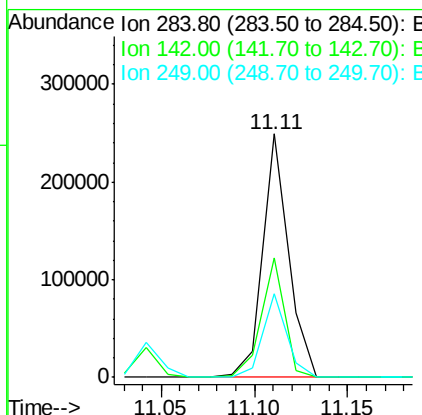
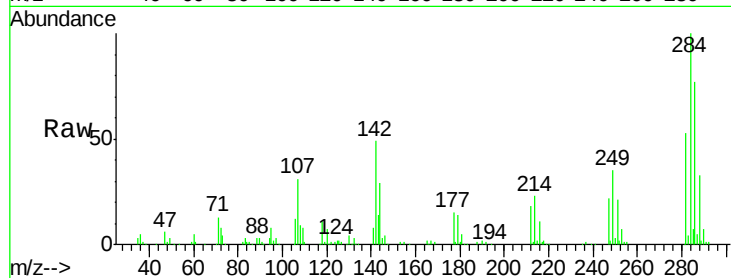




#67
Hexachlorobenzene
Concen: 37.42 ng
RT: 11.11 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

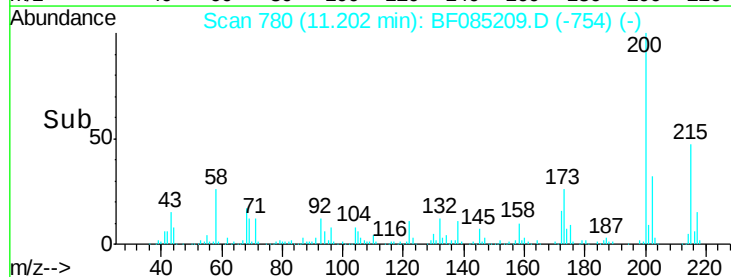
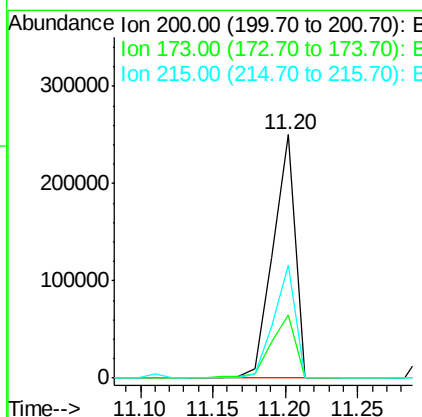
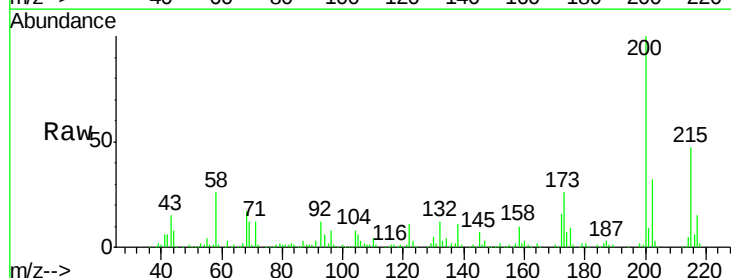
Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	49.0	24.9	37.3#
249	34.6	25.0	37.4



#68
Atrazine
Concen: 50.46 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.8	10.5	50.5
215	46.5	23.4	63.4

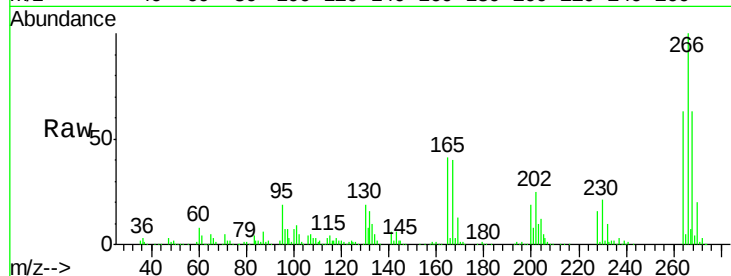




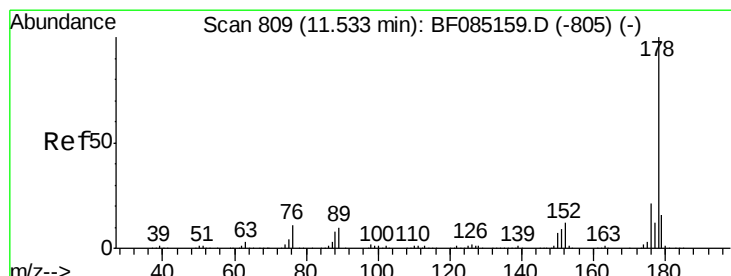
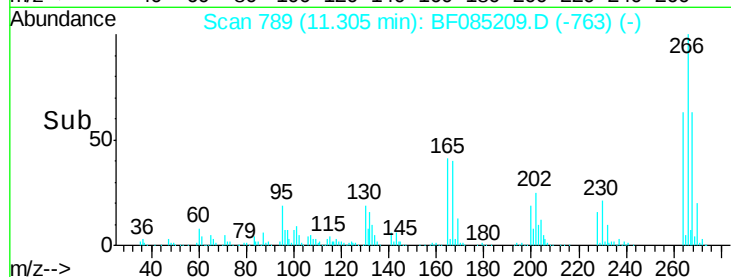
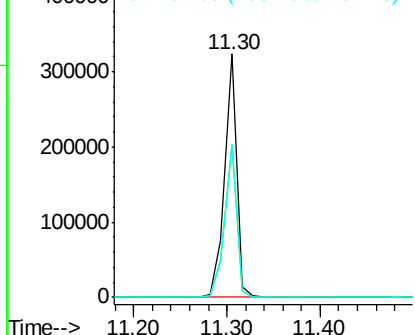
#69
 Pentachlorophenol
 Concen: 82.79 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tgt Ion:266 Resp: 290183
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.0 75.0
 264 62.6 51.4 77.2

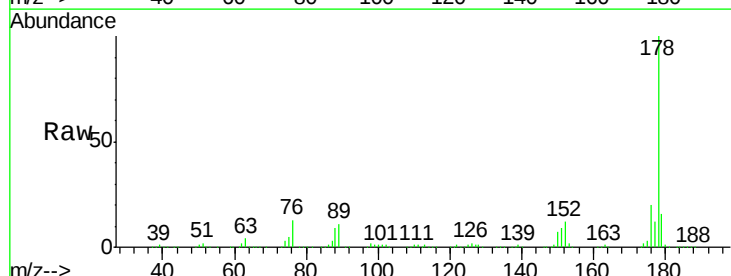


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

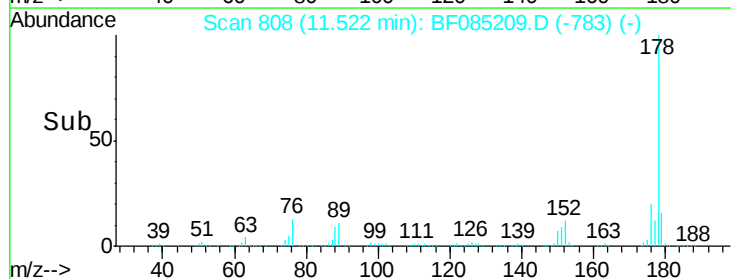
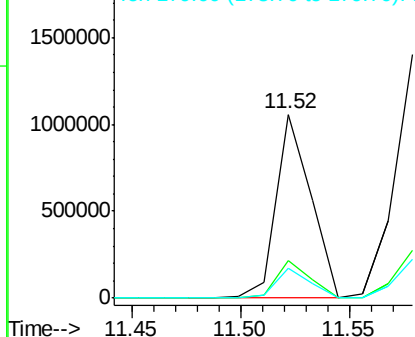


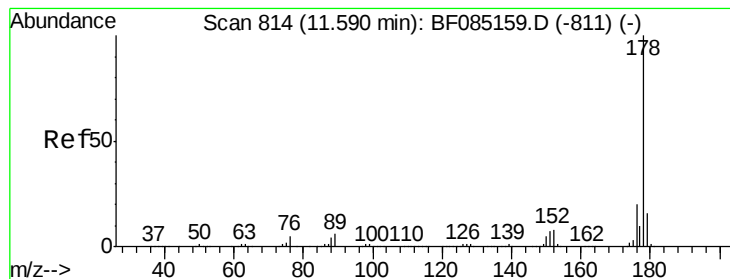
#70
 Phenanthrene
 Concen: 37.12 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion:178 Resp: 1185872
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.8 25.2
 179 16.1 13.1 19.7



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





#71

Anthracene

Concen: 38.67 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

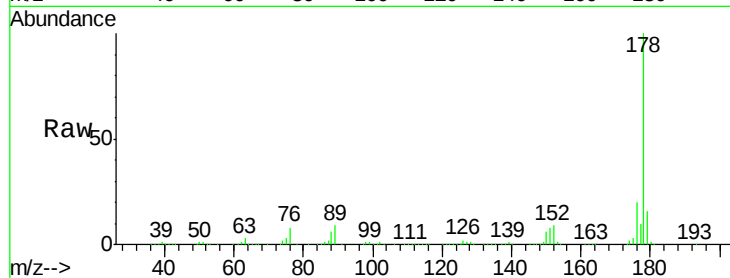
Tgt Ion:178 Resp: 1311435

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

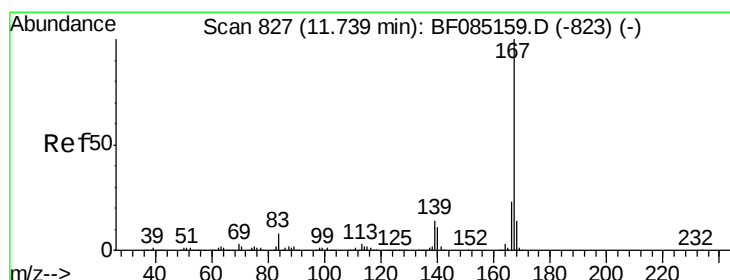
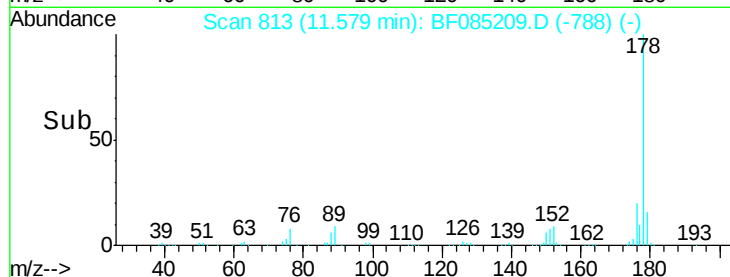
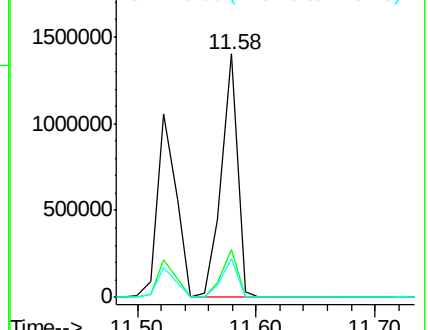
179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.29 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

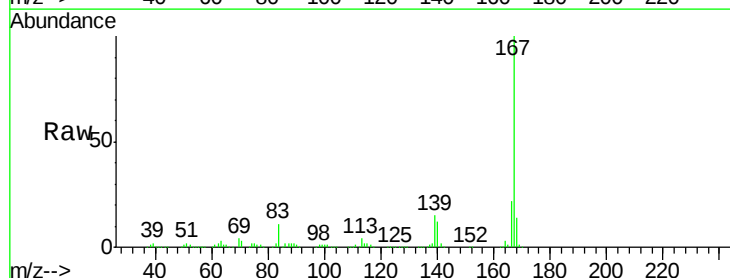
Tgt Ion:167 Resp: 1049468

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

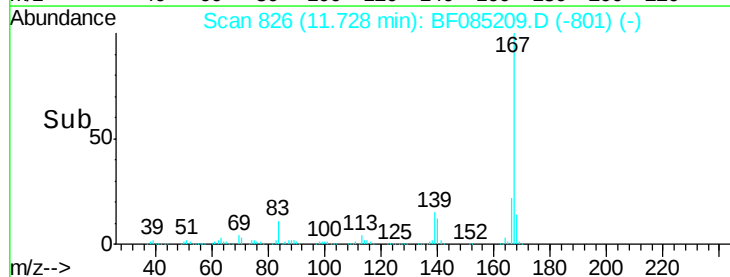
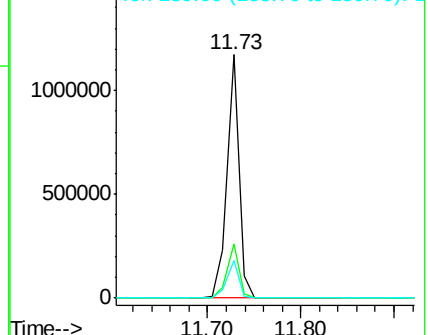
139 15.3 11.4 17.0

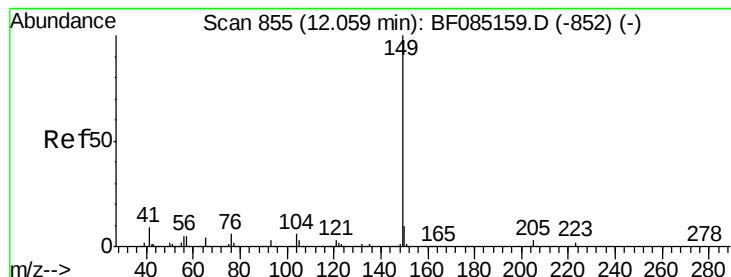


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.26 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

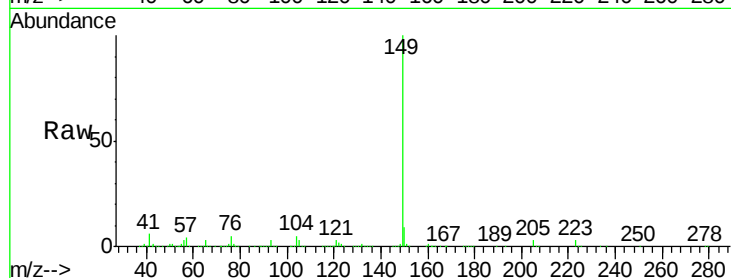
Tgt Ion:149 Resp: 1438131

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

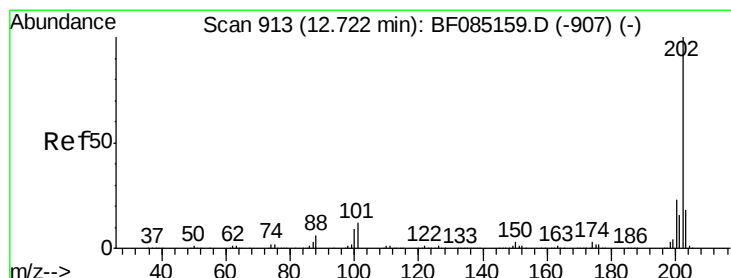
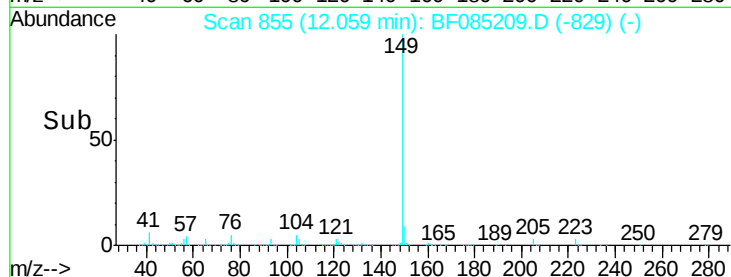
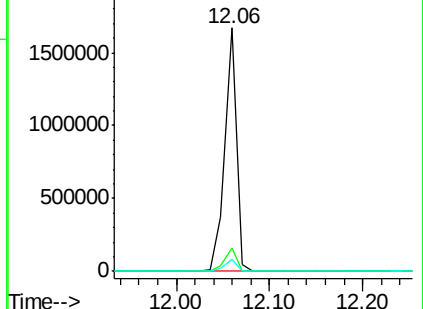
104 5.1 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.87 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

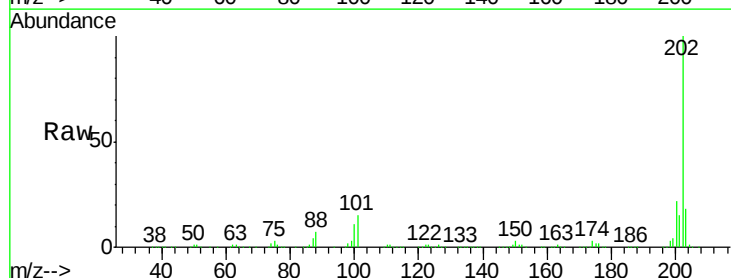
Tgt Ion:202 Resp: 1150079

Ion Ratio Lower Upper

202 100

101 14.9 0.0 31.8

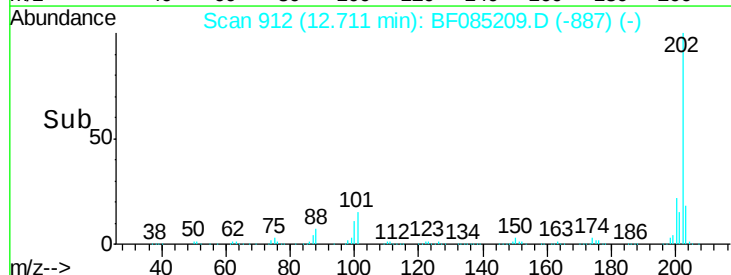
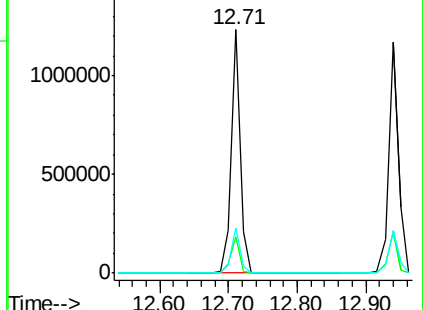
203 18.3 0.0 38.4

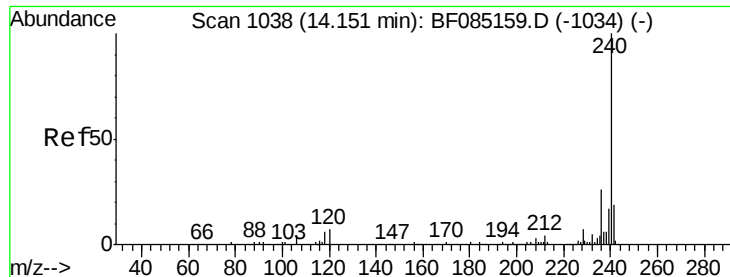


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

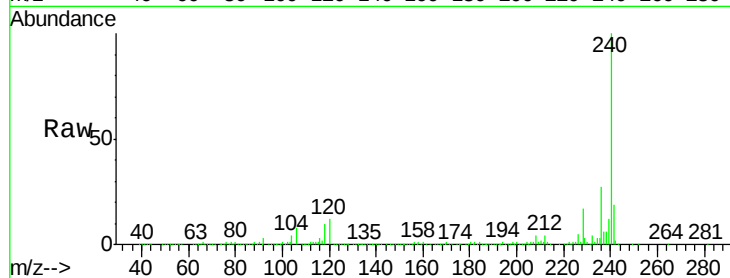
Tgt Ion:240 Resp: 452584

Ion Ratio Lower Upper

240 100

120 11.7 5.3 7.9#

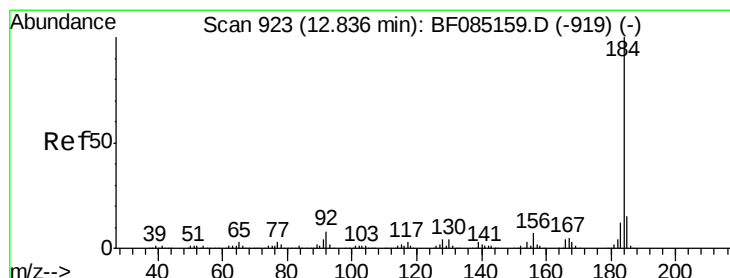
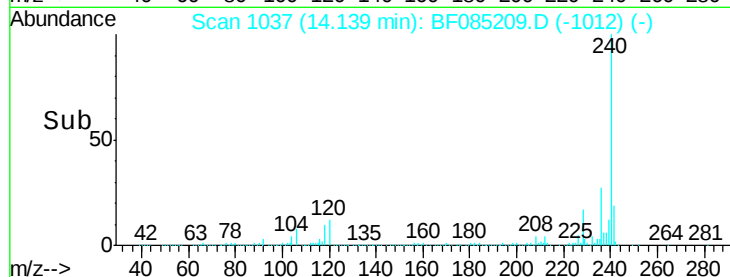
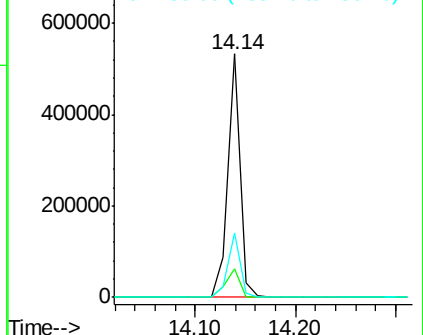
236 26.6 20.7 31.1



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: 28.26 ng

RT: 12.82 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

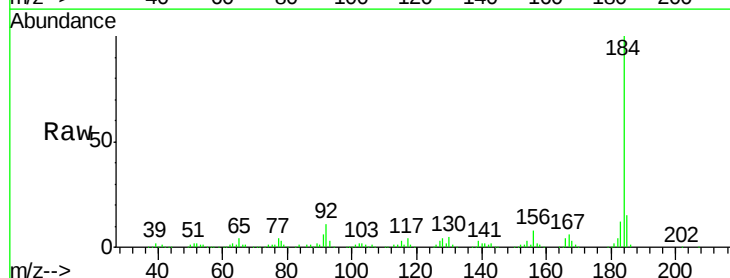
Tgt Ion:184 Resp: 380670

Ion Ratio Lower Upper

184 100

185 15.1 12.4 18.6

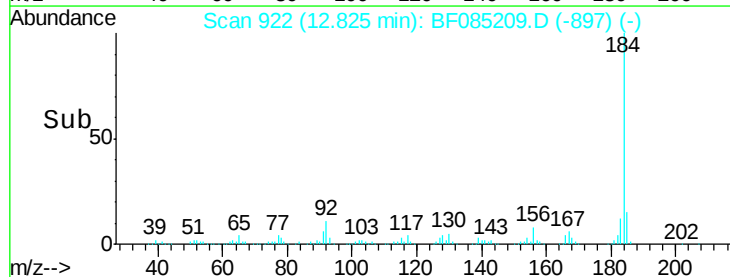
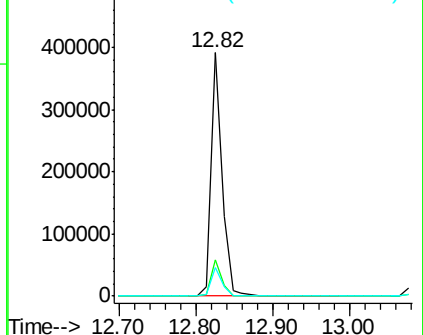
183 11.7 9.4 14.2

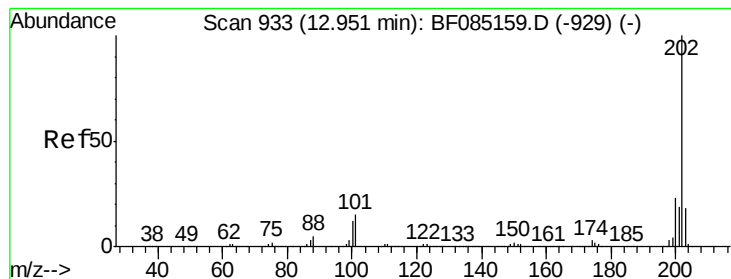


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.01 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

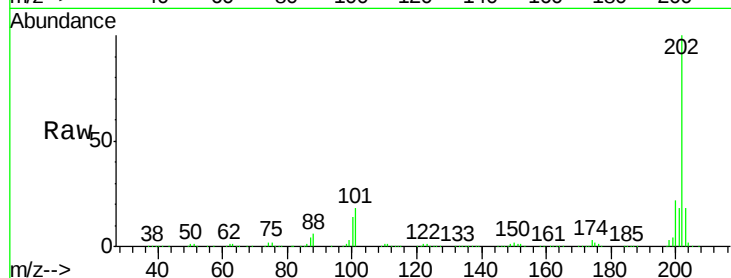
Tgt Ion:202 Resp: 1158622

Ion Ratio Lower Upper

202 100

200 22.2 18.2 27.4

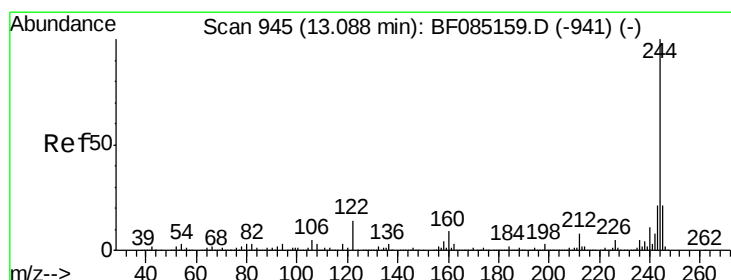
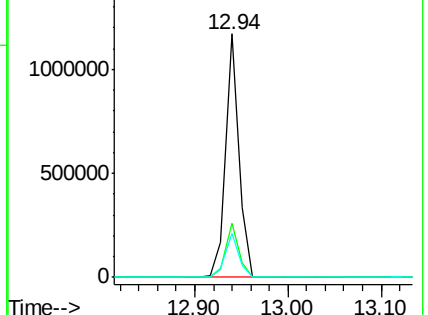
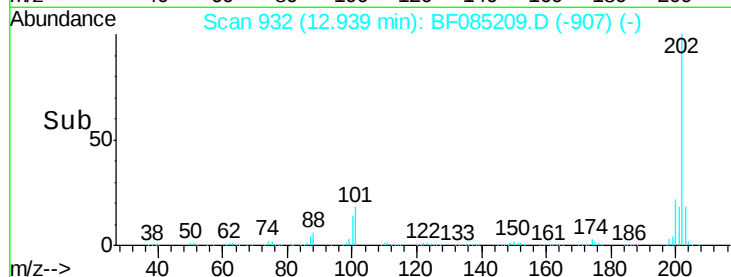
203 18.2 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.24 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

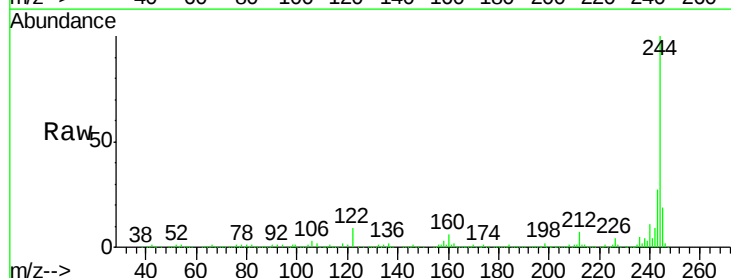
Tgt Ion:244 Resp: 1583842

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

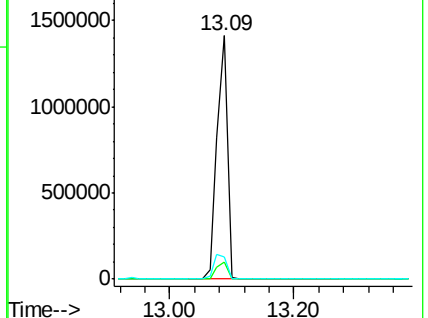
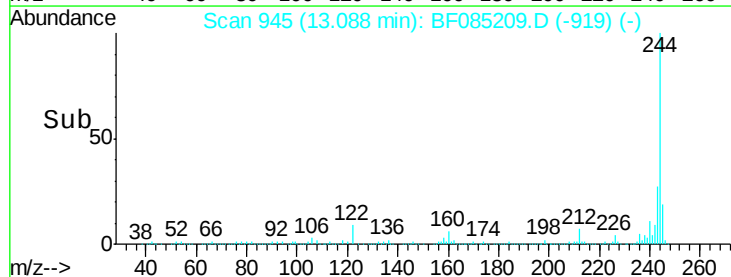
122 9.0 11.4 17.2#

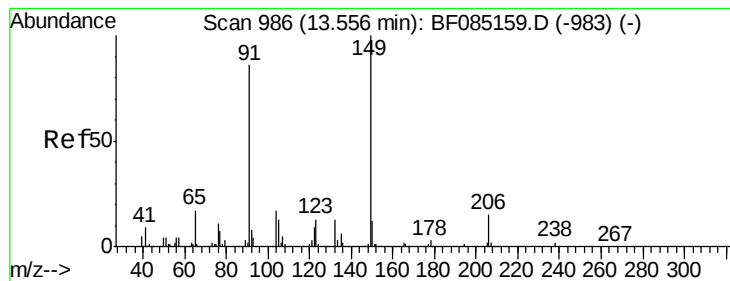


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.94 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

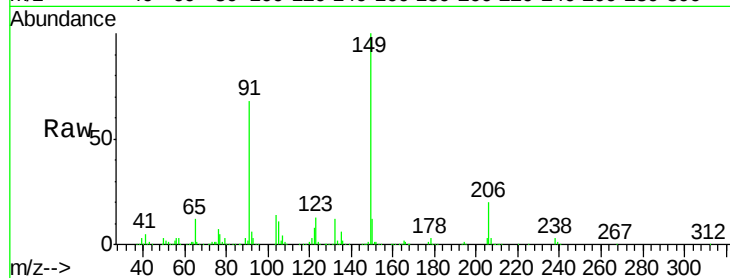
Tgt Ion:149 Resp: 586431

Ion Ratio Lower Upper

149 100

91 67.6 69.0 103.4#

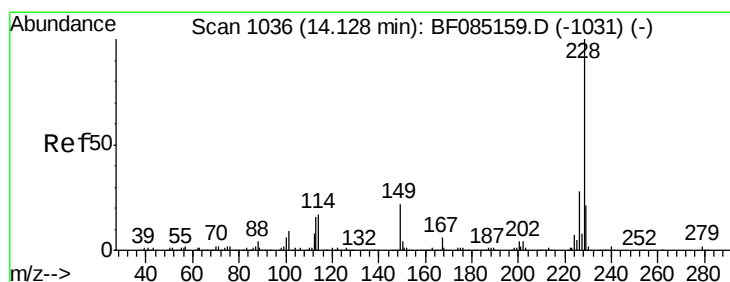
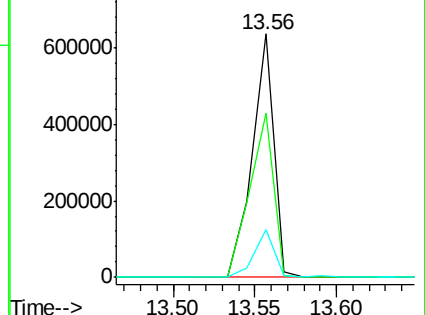
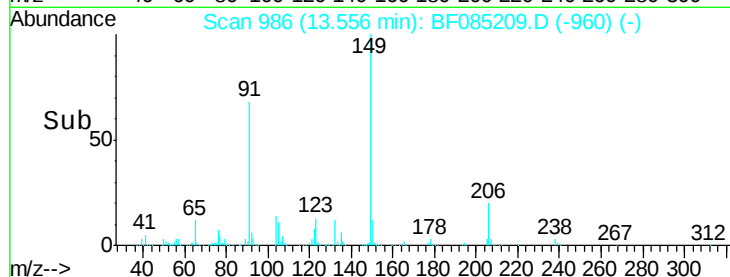
206 19.6 12.3 18.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.74 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

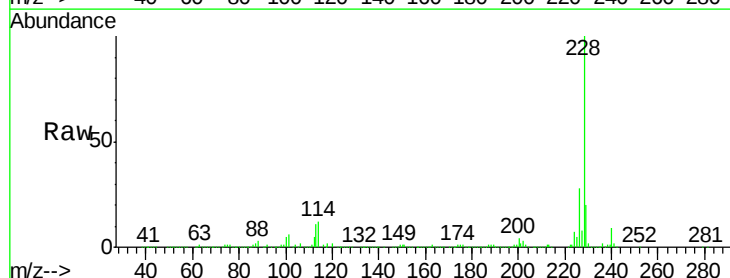
Tgt Ion:228 Resp: 995469

Ion Ratio Lower Upper

228 100

226 28.2 22.8 34.2

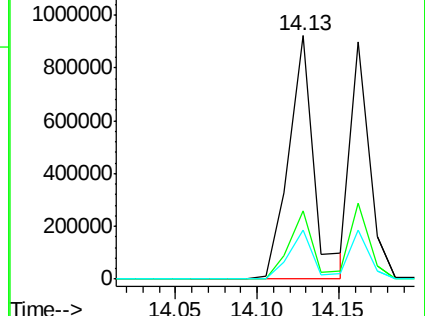
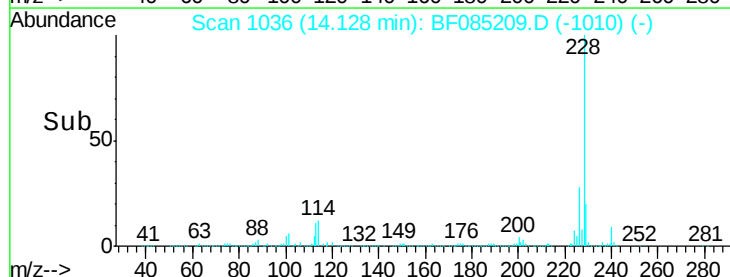
229 20.2 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

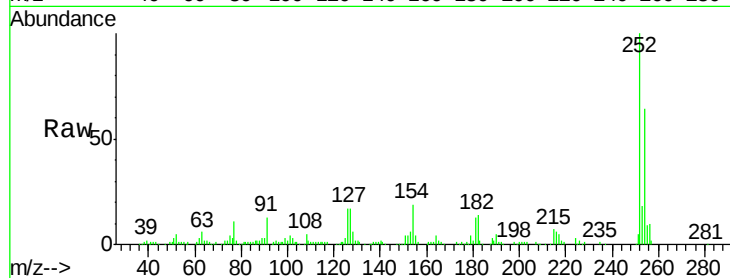




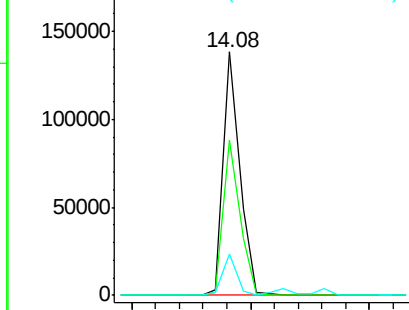
#81
 3,3'-Dichlorobenzidine
 Concen: 15.59 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

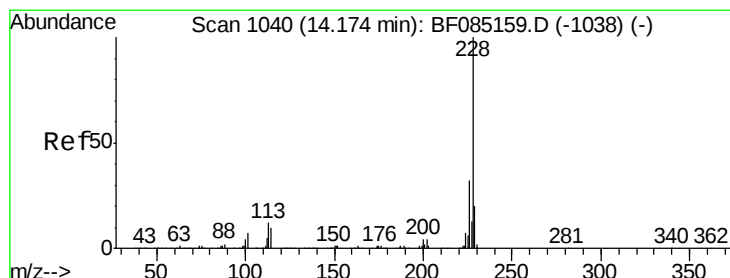
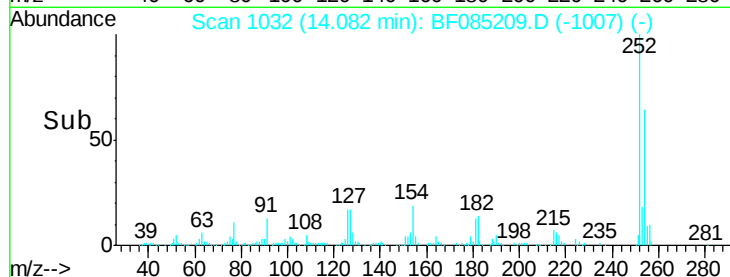
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.4	77.0
126	17.1	12.9	19.3



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

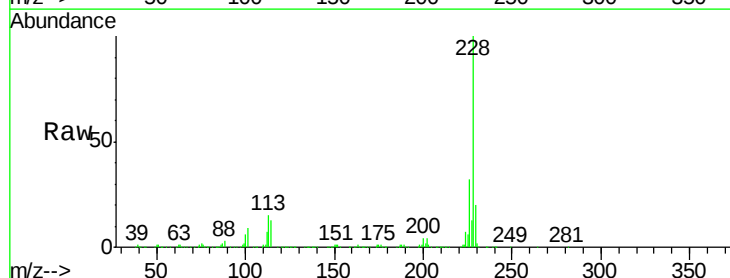


Time--> 14.00 14.10 14.20

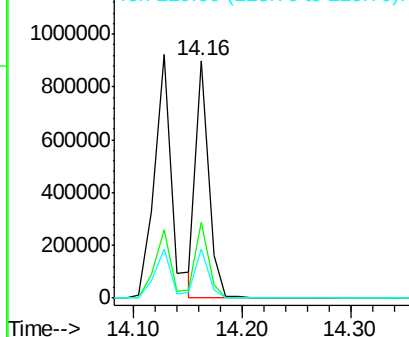


#82
 Chrysene
 Concen: 29.54 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

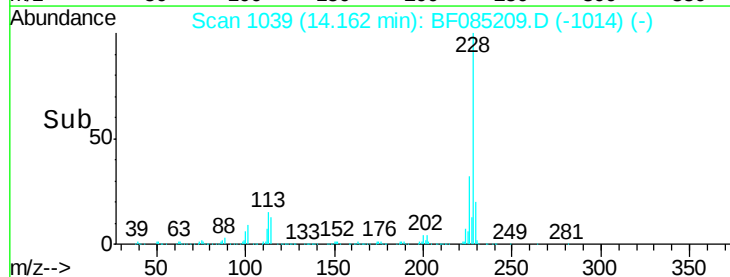
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.2	37.8
229	20.4	16.0	24.0



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



Time--> 14.10 14.20 14.30

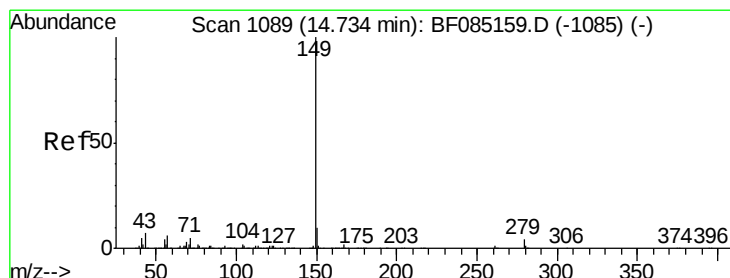
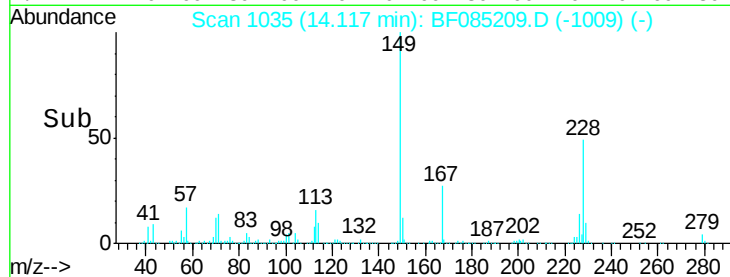
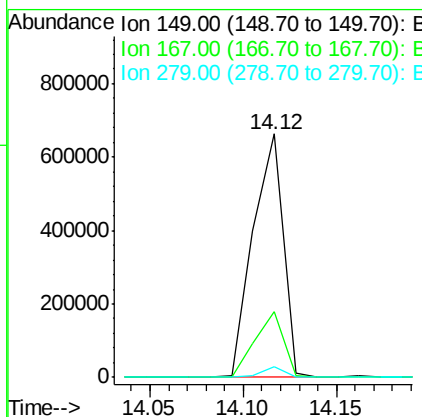
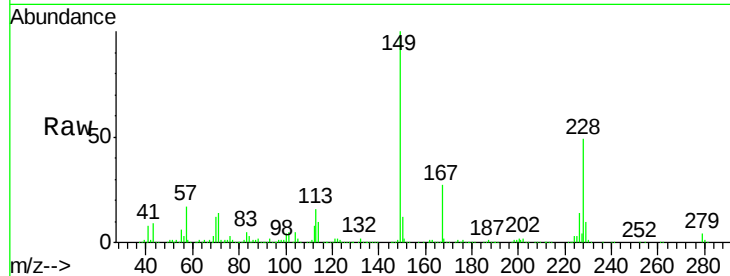




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.46 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

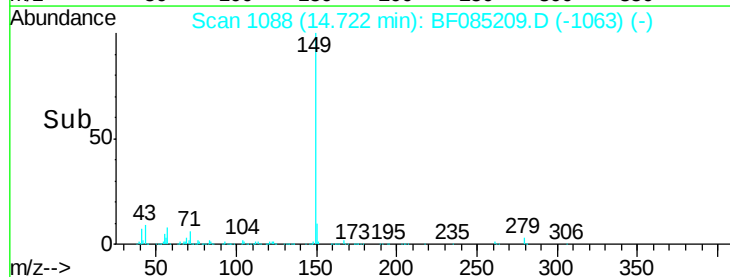
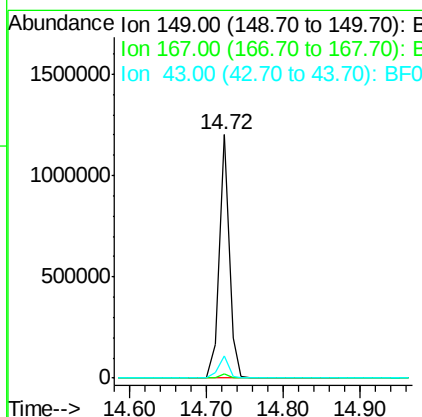
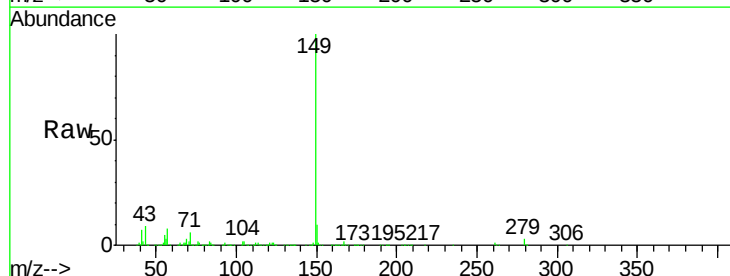
Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

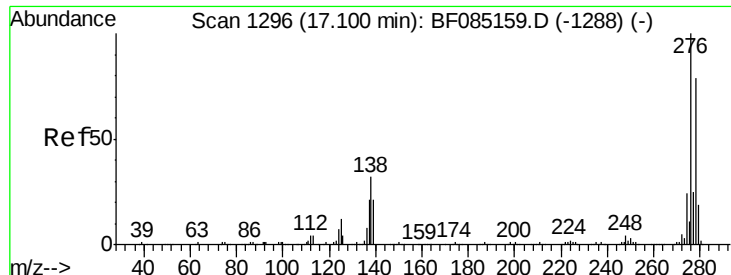
Tgt Ion:149 Resp: 741667
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.3 30.5
 279 4.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 34.96 ng
 RT: 14.72 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion:149 Resp: 1083116
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.1 1.7
 43 9.2 7.8 11.8

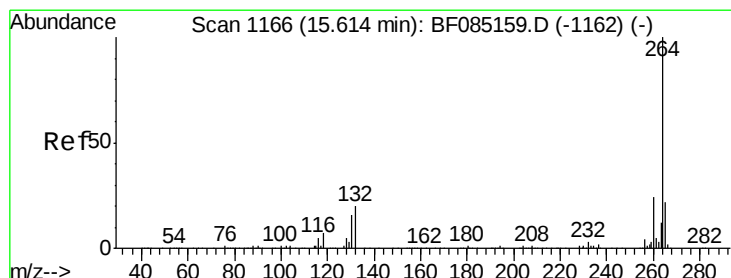
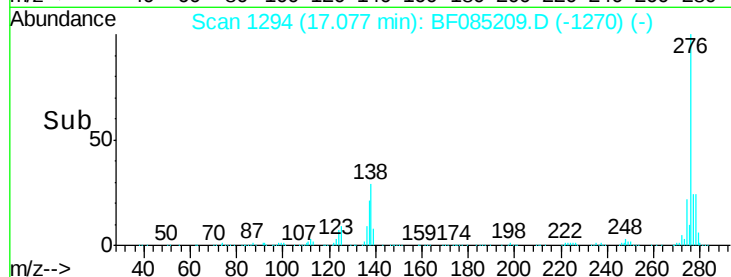
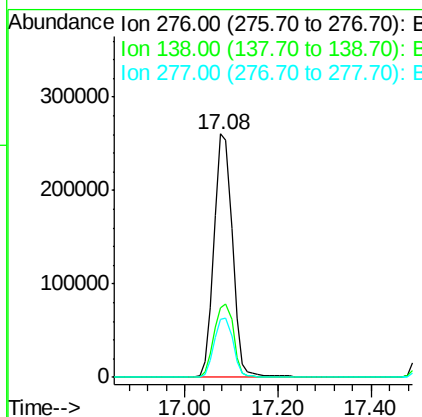
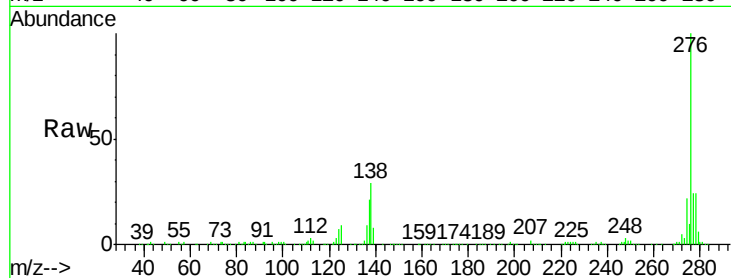




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.77 ng
RT: 17.08 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

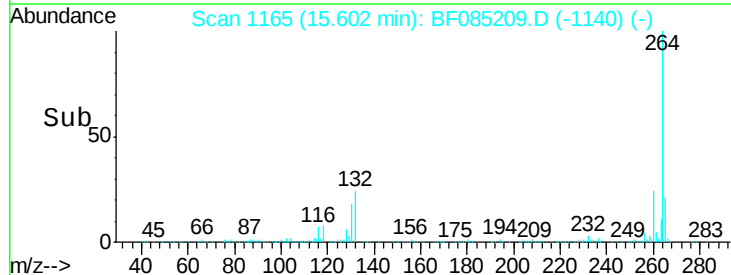
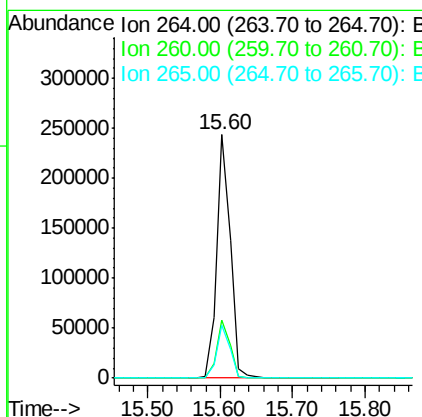
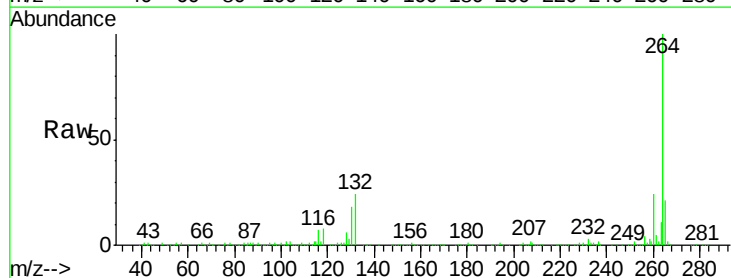
Instrument :
BNA_F
ClientSampleId :
PB88700BS

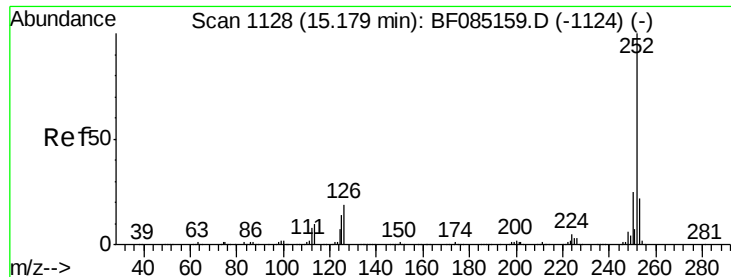
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.2	26.4	39.6
277	25.1	20.2	30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.3	25.9

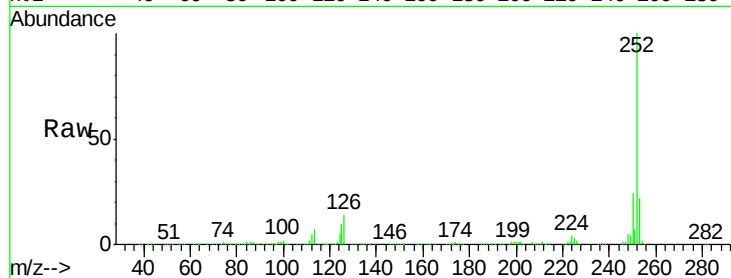




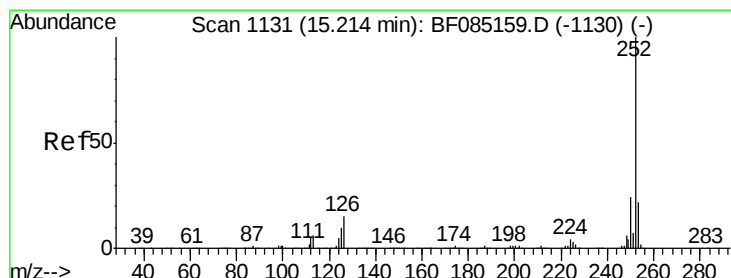
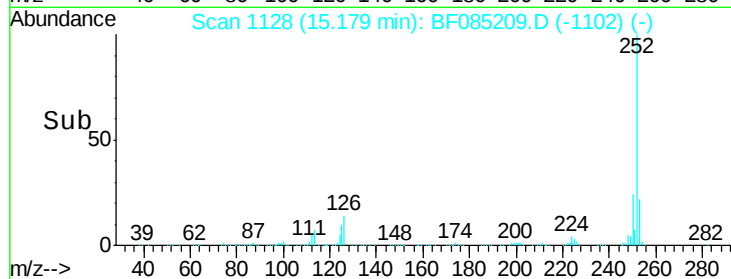
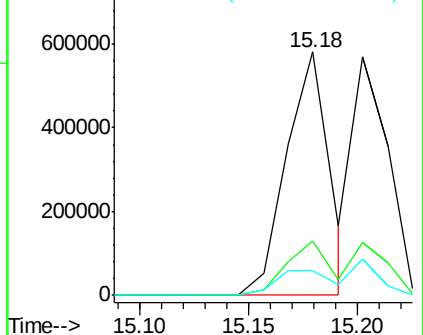
#87
Benzo(b)fluoranthene
Concen: 37.75 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.1	11.3	16.9#

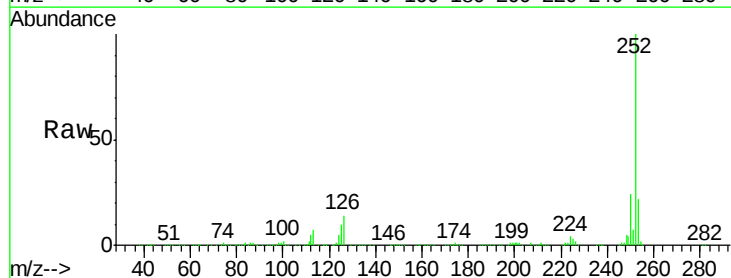


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

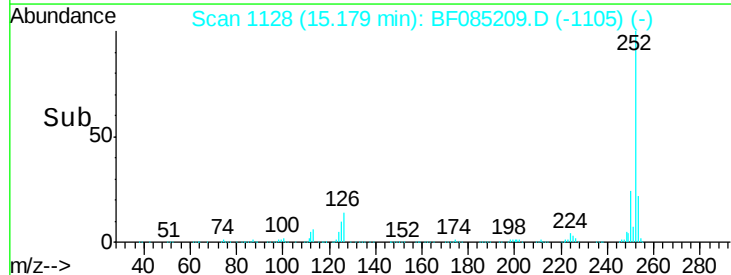
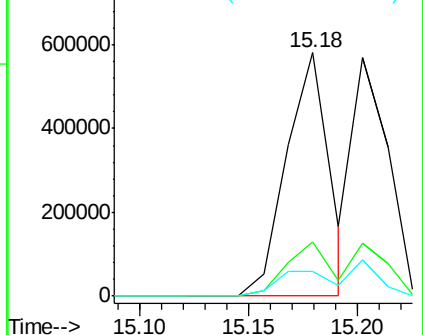


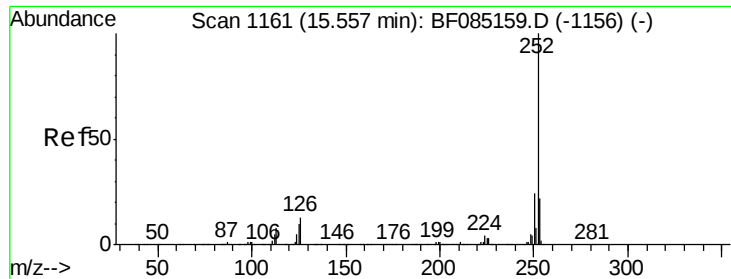
#88
Benzo(k)fluoranthene
Concen: 46.80 ng
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.1	10.4	15.6#



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





#89

Benzo(a)pyrene

Concen: 38.64 ng

RT: 15.55 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

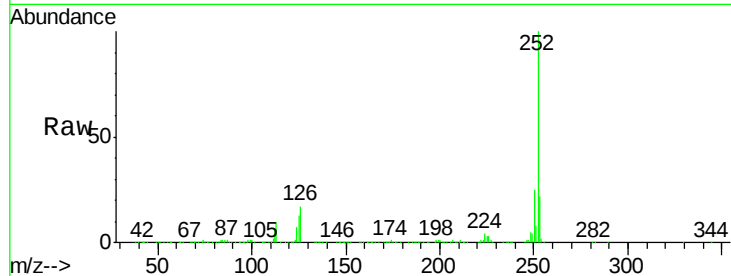
Tgt Ion:252 Resp: 676343

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

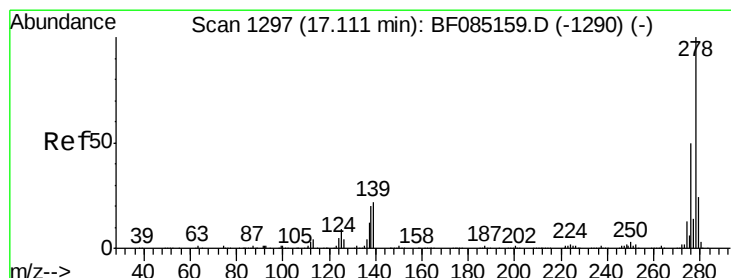
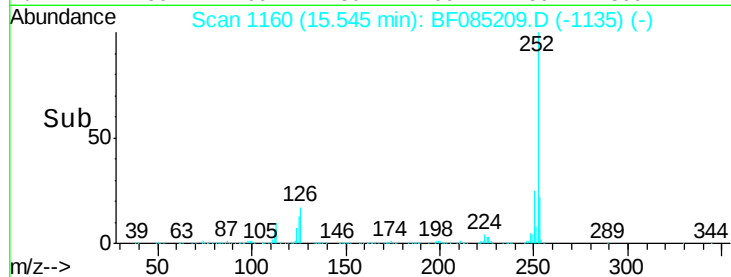
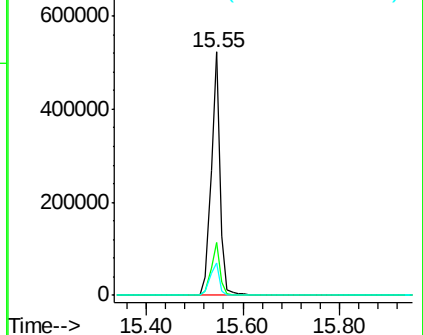
125 13.4 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.72 ng

RT: 17.10 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

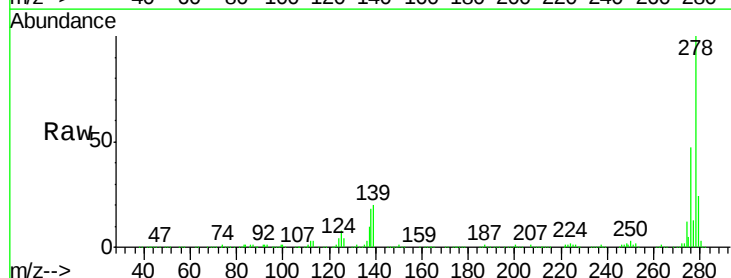
Tgt Ion:278 Resp: 608381

Ion Ratio Lower Upper

278 100

139 20.1 17.3 25.9

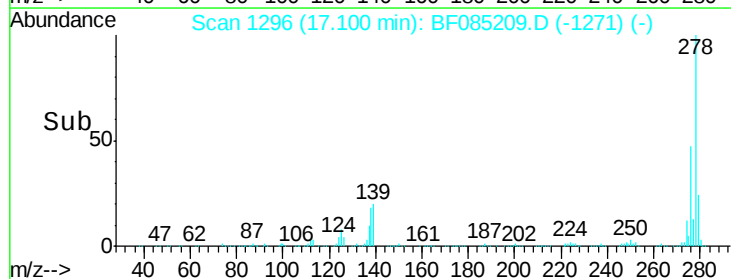
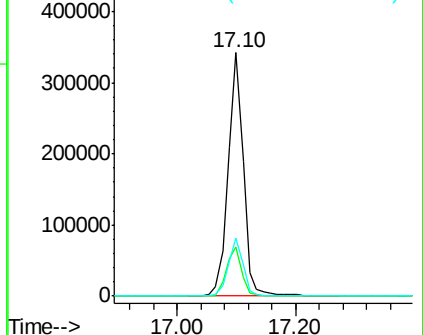
279 23.6 19.2 28.8

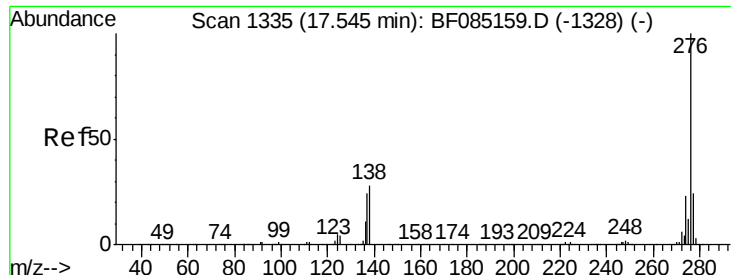


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.59 ng

RT: 17.53 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

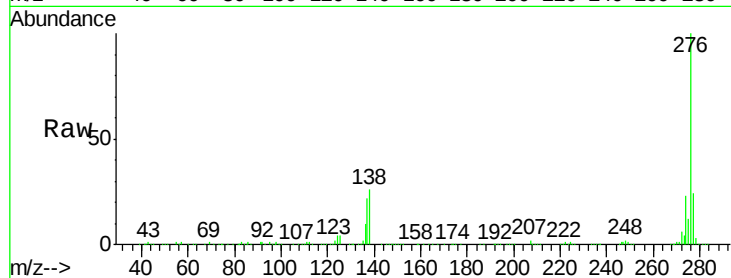
Tgt Ion: 276 Resp: 609911

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 26.3 22.5 33.7



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

