

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085261.D
 Acq On : 8 Mar 2016 17:50
 Operator : UM/SJ
 Sample : PB88766BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Quant Time: Mar 09 00:04:06 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	6.96	152	149489	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	575207	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	270541	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	529082	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	375043	20.00	ng	-0.02
86) Perylene-d12	15.59	264	284623	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1148168	128.83	ng	0.00
7) Phenol-d6	6.58	99	1349469	115.58	ng	-0.02
23) Nitrobenzene-d5	7.52	82	889471	82.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	317389	137.11	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1559268	87.65	ng	-0.02
78) Terphenyl-d14	13.08	244	1517744	93.94	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	146212	32.08	ng	99
3) Pyridine	3.48	79	431077	37.79	ng	98
4) n-Nitrosodimethylamine	3.42	42	186260	38.15	ng	100
6) Aniline	6.62	93	332842	20.34	ng	99
8) 2-Chlorophenol	6.74	128	424134	39.53	ng	99
9) Benzaldehyde	6.50	77	125144	19.55	ng	99
10) Phenol	6.60	94	439415	35.14	ng	95
11) bis(2-Chloroethyl)ether	6.70	93	427942	41.20	ng	96
12) 1,3-Dichlorobenzene	6.90	146	456621	39.64	ng	98
13) 1,4-Dichlorobenzene	6.97	146	444572	38.51	ng	98
14) 1,2-Dichlorobenzene	7.13	146	442301	42.23	ng	99
15) Benzyl Alcohol	7.10	79	351246	40.98	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	525848	35.12	ng	100
17) 2-Methylphenol	7.21	107	374298	42.75	ng	99
18) Hexachloroethane	7.48	117	167446	39.32	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	287228	37.74	ng	# 91
20) 3+4-Methylphenols	7.36	107	414903	40.01	ng	96
22) Acetophenone	7.37	105	572718	40.79	ng	# 94
24) Nitrobenzene	7.54	77	490084	44.88	ng	95
25) Isophorone	7.78	82	827082	41.52	ng	97
26) 2-Nitrophenol	7.86	139	231271	43.52	ng	95
27) 2,4-Dimethylphenol	7.90	122	429537	44.23	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	465858	41.99	ng	100
29) 2,4-Dichlorophenol	8.10	162	359891	45.95	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	344950	40.74	ng	100
31) Naphthalene	8.26	128	1169487	41.35	ng	99
32) Benzoic acid	8.00	122	260052	40.32	ng	99
33) 4-Chloroaniline	8.31	127	127901	11.18	ng	94
34) Hexachlorobutadiene	8.39	225	191533	43.47	ng	99
35) Caprolactam	8.69	113	88928	34.77	ng	# 67
36) 4-Chloro-3-methylphenol	8.79	107	385573	43.40	ng	97
37) 2-Methylnaphthalene	8.96	142	842057	46.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	310429	40.12	ng	98
40) Hexachlorocyclopentadiene	9.12	237	365632	87.62	ng	96

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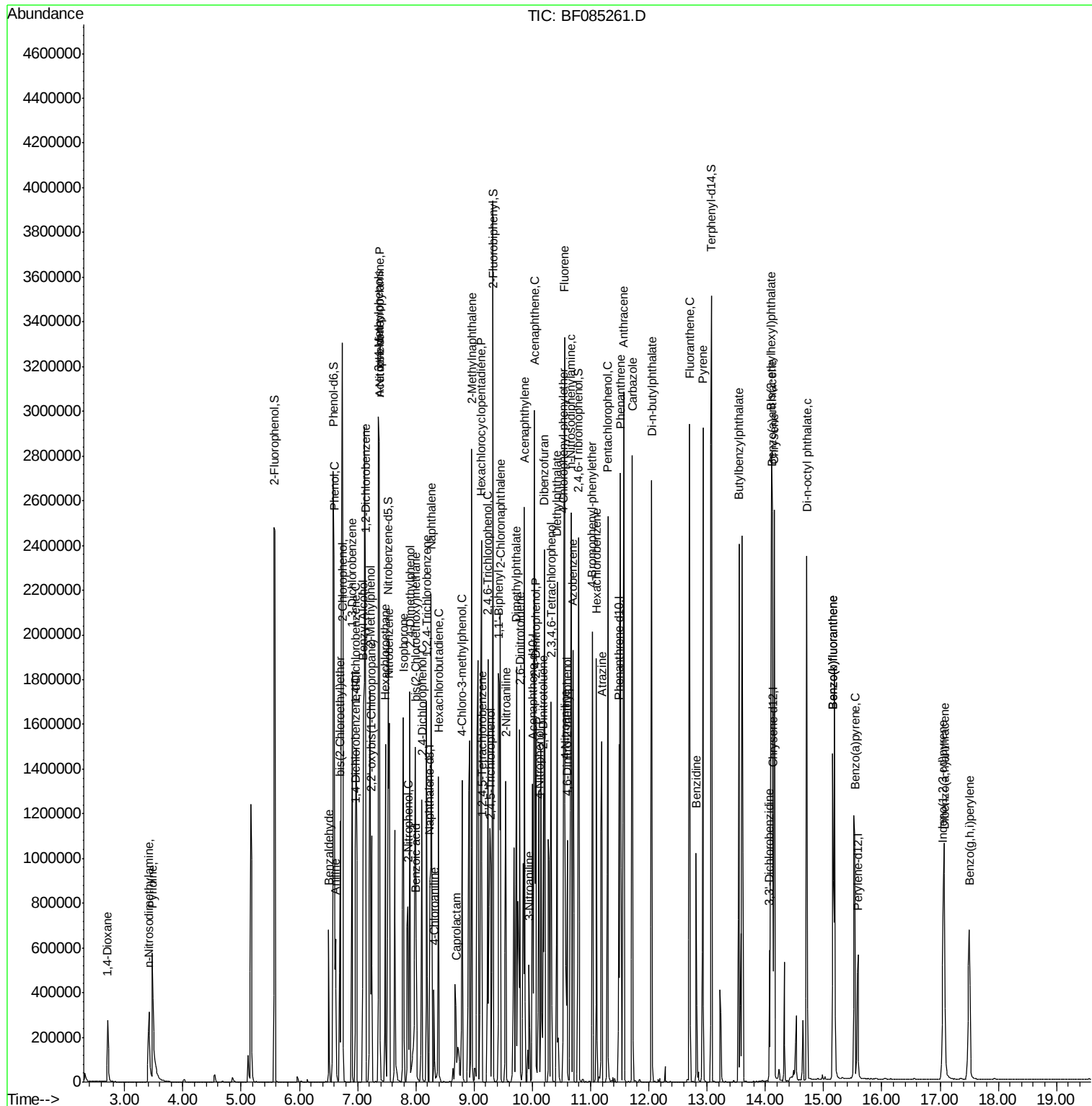
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42) 2,4,6-Trichlorophenol	9.24	196	249094	43.25	ng	97
43) 2,4,5-Trichlorophenol	9.28	196	242400	44.39	ng	# 87
45) 1,1'-Biphenyl	9.43	154	912018	39.46	ng	92
46) 2-Chloronaphthalene	9.45	162	733616	41.64	ng	98
47) 2-Nitroaniline	9.54	65	246550	45.16	ng	# 76
48) Acenaphthylene	9.86	152	1115770	40.69	ng	98
49) Dimethylphthalate	9.73	163	920563	44.33	ng	99
50) 2,6-Dinitrotoluene	9.78	165	192737	43.39	ng	97
51) Acenaphthene	10.04	154	773464	46.46	ng	99
52) 3-Nitroaniline	9.94	138	99919	18.80	ng	# 74
53) 2,4-Dinitrophenol	10.06	184	203306	89.16	ng	# 49
54) Dibenzofuran	10.21	168	974622	44.68	ng	98
55) 4-Nitrophenol	10.12	139	367759	88.05	ng	90
56) 2,4-Dinitrotoluene	10.18	165	235623	41.45	ng	89
57) Fluorene	10.55	166	731732	42.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	182998	47.70	ng	100
59) Diethylphthalate	10.42	149	867806	43.07	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	337254	40.45	ng	90
61) 4-Nitroaniline	10.56	138	211401	42.53	ng	99
62) Azobenzene	10.70	77	914245	46.05	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	144093	45.49	ng	85
65) n-Nitrosodiphenylamine	10.66	169	730188	44.37	ng	100
66) 4-Bromophenyl-phenylether	11.03	248	203108	39.54	ng	# 87
67) Hexachlorobenzene	11.10	284	223479	40.78	ng	# 86
68) Atrazine	11.19	200	249757	54.57	ng	94
69) Pentachlorophenol	11.29	266	279755	91.96	ng	98
70) Phenanthrene	11.51	178	1116817	40.28	ng	99
71) Anthracene	11.57	178	1265632	43.00	ng	100
72) Carbazole	11.72	167	1024195	39.68	ng	98
73) Di-n-butylphthalate	12.05	149	1367551	41.92	ng	99
74) Fluoranthene	12.70	202	1110851	39.92	ng	97
76) Benzidine	12.81	184	403159	36.12	ng	99
77) Pyrene	12.93	202	1108993	39.29	ng	99
79) Butylbenzylphthalate	13.55	149	563573	44.00	ng	# 83
80) Benzo(a)anthracene	14.12	228	923558	41.14	ng	99
81) 3,3'-Dichlorobenzidine	14.07	252	107601	15.19	ng	99
82) Chrysene	14.15	228	723079	34.86	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	691222	41.01	ng	# 96
84) Di-n-octyl phthalate	14.71	149	1085627	42.29	ng	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	664427	41.05	ng	98
87) Benzo(b)fluoranthene	15.16	252	885651	46.68	ng	99
88) Benzo(k)fluoranthene	15.16	252	885651	57.88	ng	98
89) Benzo(a)pyrene	15.53	252	717224	45.62	ng	98
90) Dibenzo(a,h)anthracene	17.08	278	557043	41.51	ng	97
91) Benzo(g,h,i)perylene	17.50	276	552925	40.98	ng	100

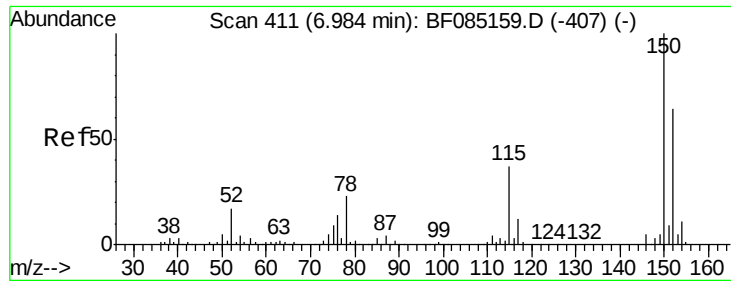
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

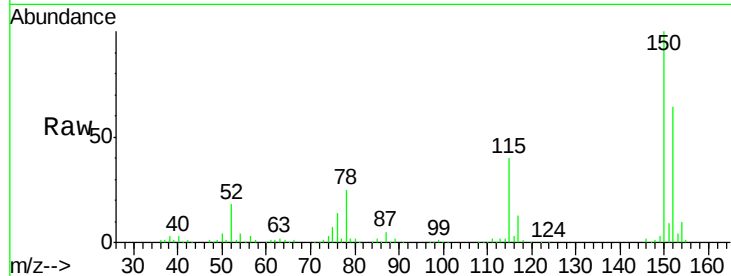
Tgt Ion:152 Resp: 149489

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

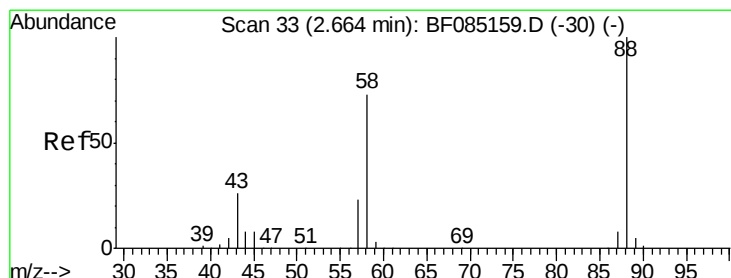
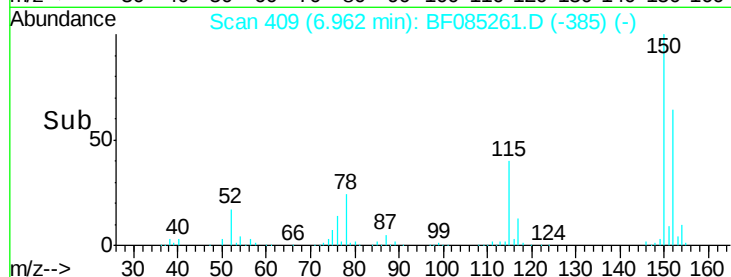
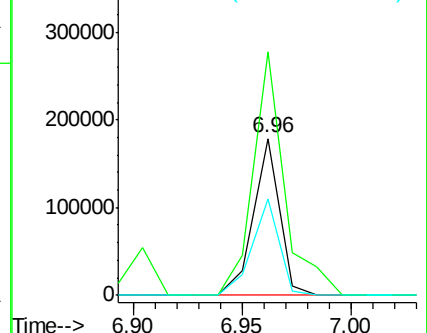
115 61.5 46.6 70.0



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: 32.08 ng

RT: 2.71 min Scan# 37

Delta R.T. 0.05 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

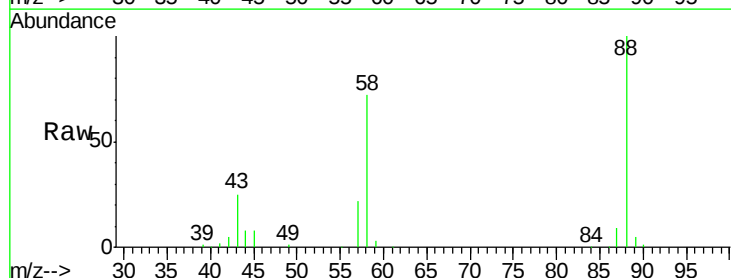
Tgt Ion: 88 Resp: 146212

Ion Ratio Lower Upper

88 100

58 72.0 57.0 85.6

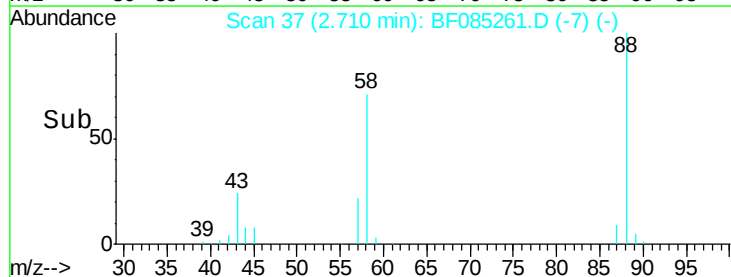
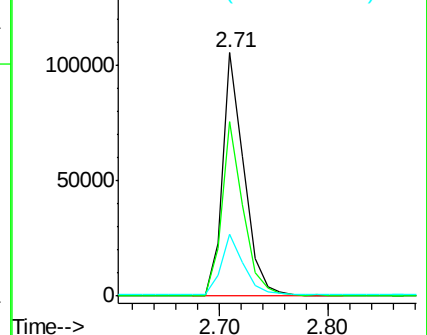
43 25.9 20.5 30.7

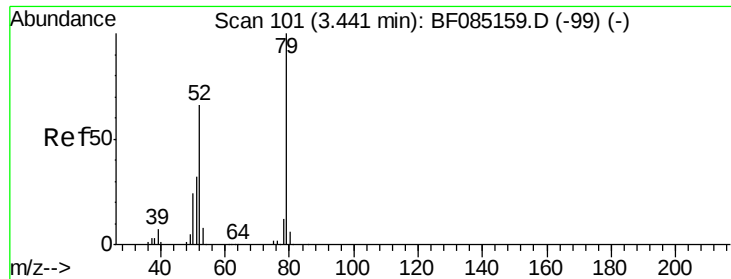


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

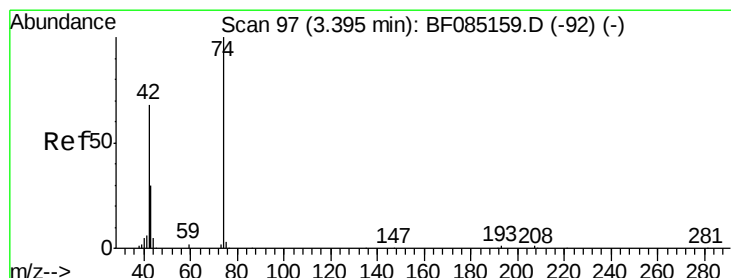
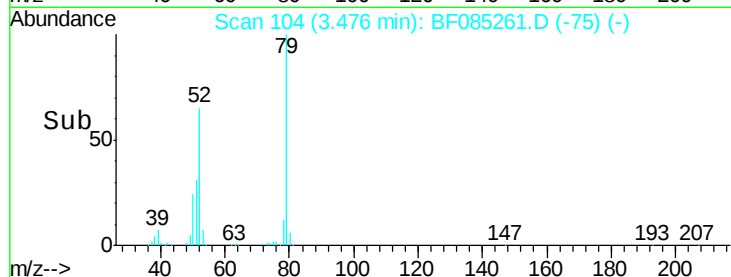
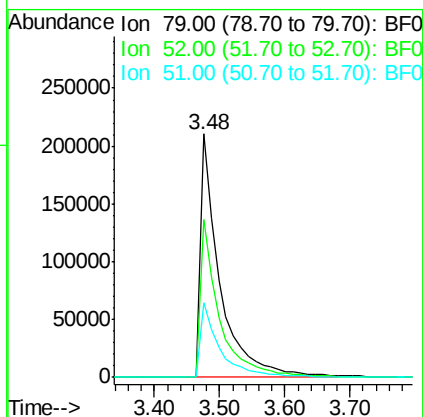
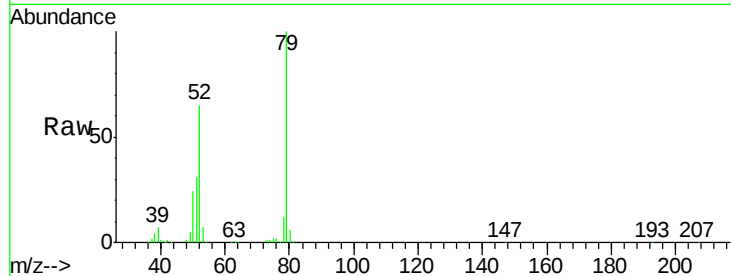




#3
 Pyridine
 Concen: 37.79 ng
 RT: 3.48 min Scan# 104
 Delta R.T. 0.03 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

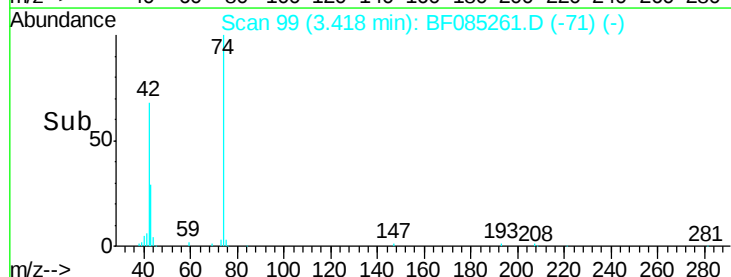
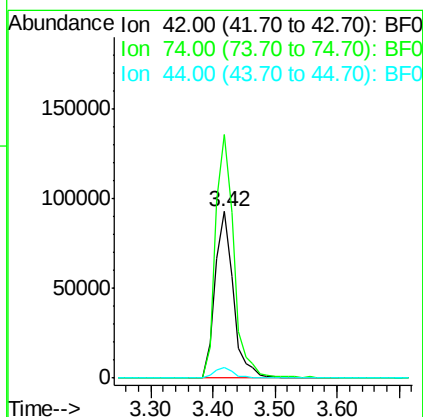
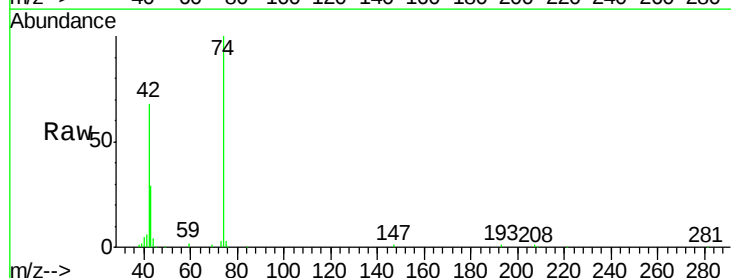
Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion: 79 Resp: 431077
 Ion Ratio Lower Upper
 79 100
 52 64.8 52.6 79.0
 51 30.8 25.8 38.8



#4
 n-Nitrosodimethylamine
 Concen: 38.15 ng
 RT: 3.42 min Scan# 99
 Delta R.T. 0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion: 42 Resp: 186260
 Ion Ratio Lower Upper
 42 100
 74 146.0 116.8 175.2
 44 6.4 5.5 8.3





#5

2-Fluorophenol

Concen: 128.83 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampled :

PB88766BS

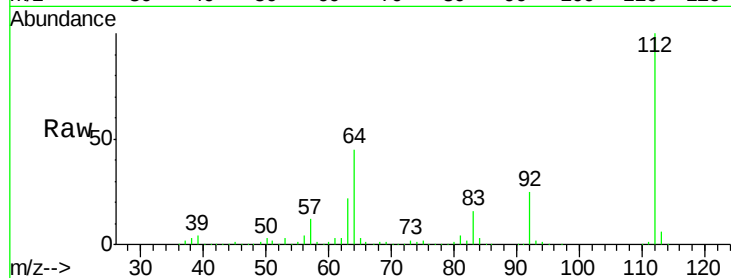
Tgt Ion: 112 Resp: 1148168

Ion Ratio Lower Upper

112 100

64 45.1 49.0 73.4#

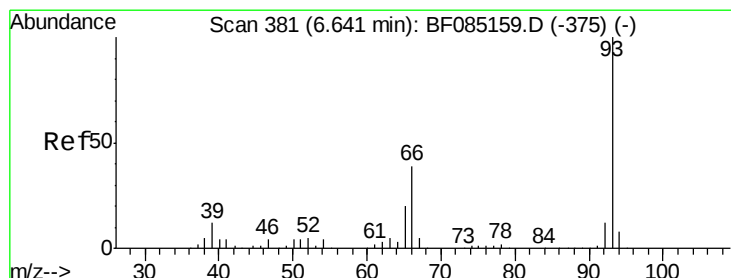
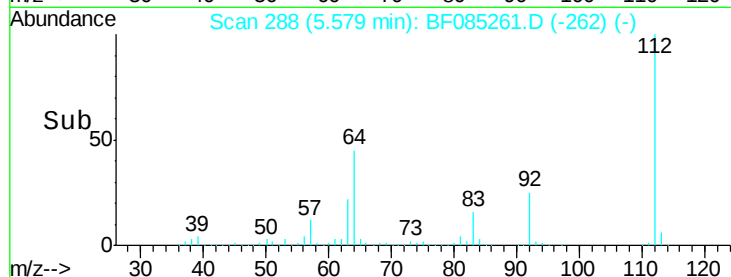
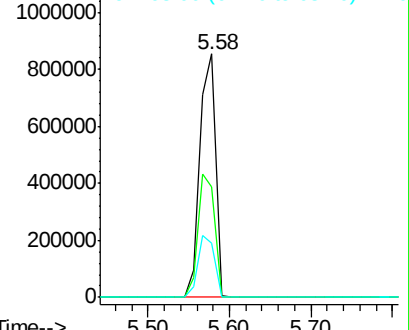
63 22.5 24.8 37.2#



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: 20.34 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

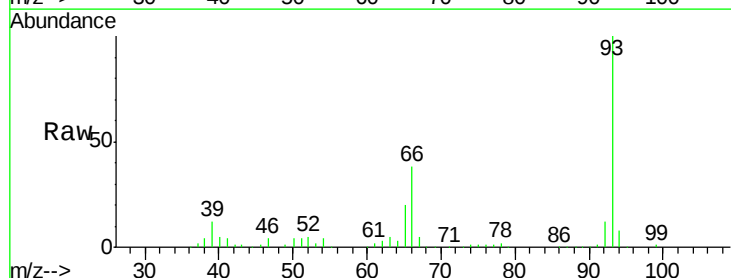
Tgt Ion: 93 Resp: 332842

Ion Ratio Lower Upper

93 100

66 38.4 31.6 47.4

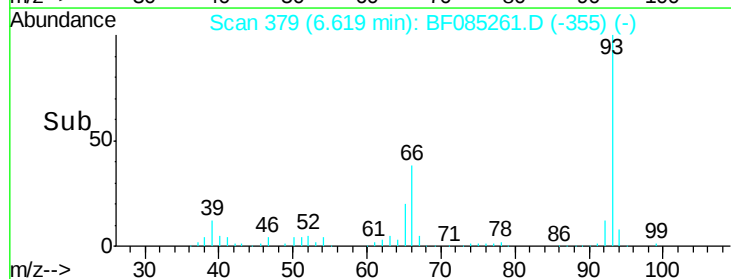
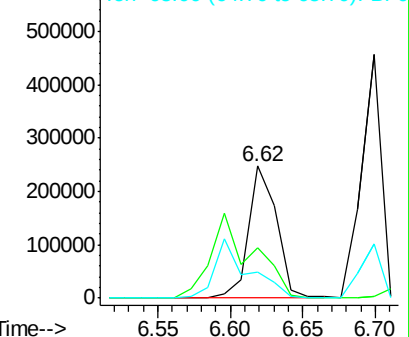
65 19.8 15.8 23.8



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: 115.58 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

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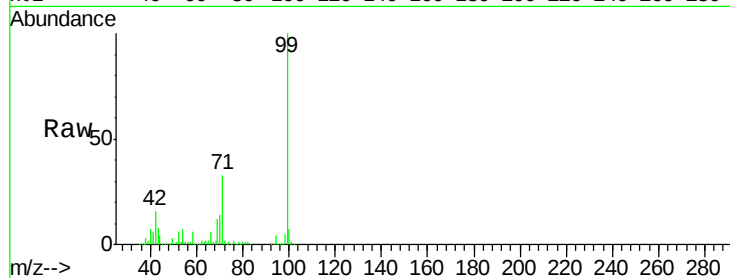
Tgt Ion: 99 Resp: 1349469

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

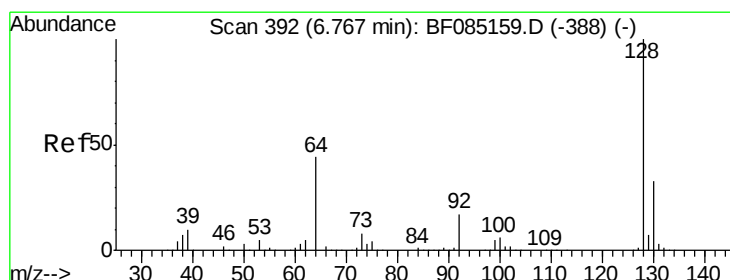
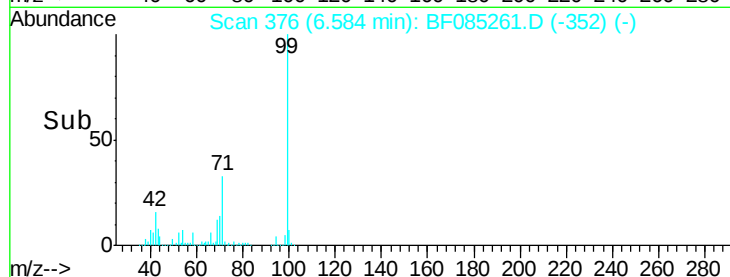
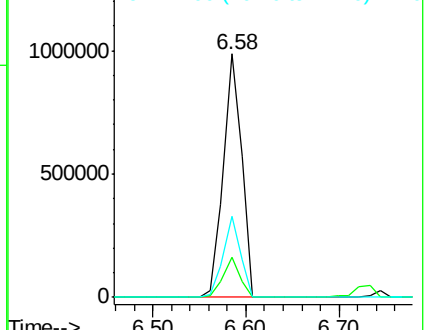
71 33.5 26.7 40.1



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: 39.53 ng

RT: 6.74 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

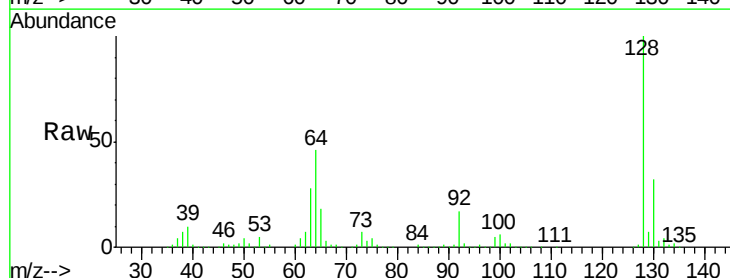
Tgt Ion: 128 Resp: 424134

Ion Ratio Lower Upper

128 100

130 32.3 13.3 53.3

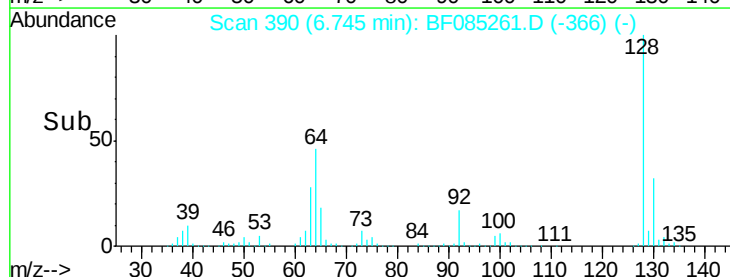
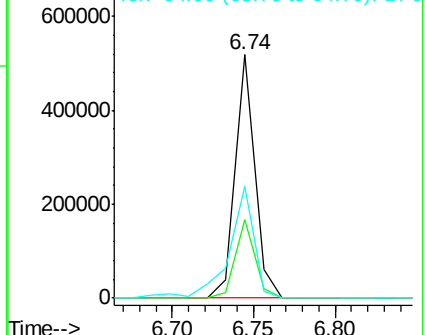
64 45.9 25.7 65.7

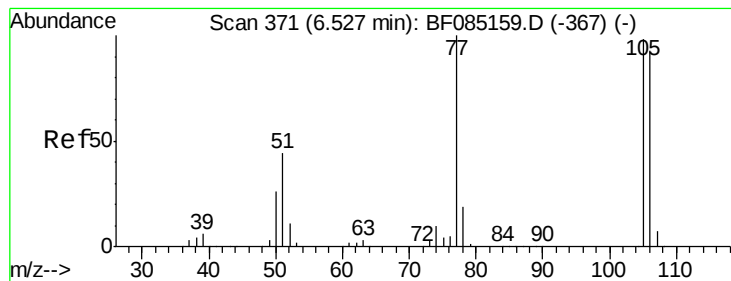


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.55 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

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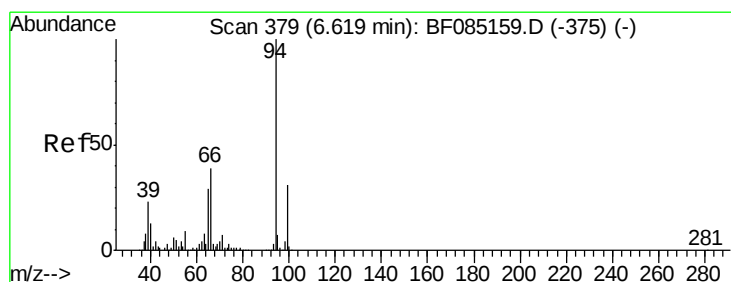
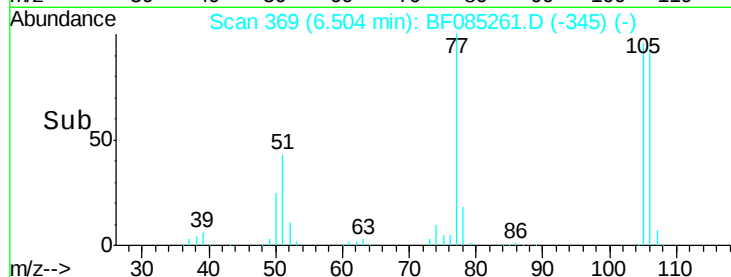
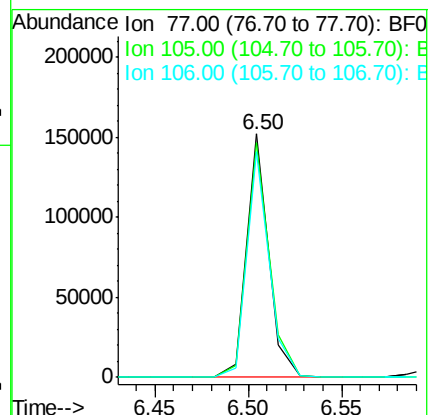
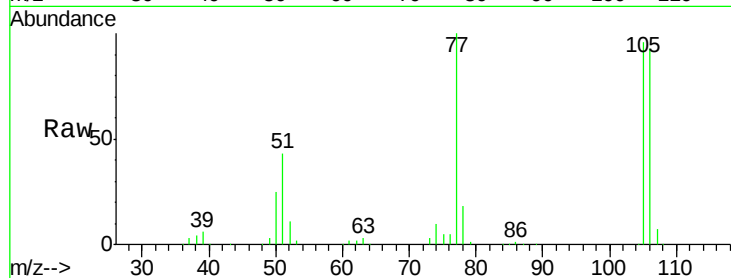
Tgt Ion: 77 Resp: 125144

Ion Ratio Lower Upper

77 100

105 96.3 78.2 118.2

106 92.9 72.9 112.9



#10

Phenol

Concen: 35.14 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

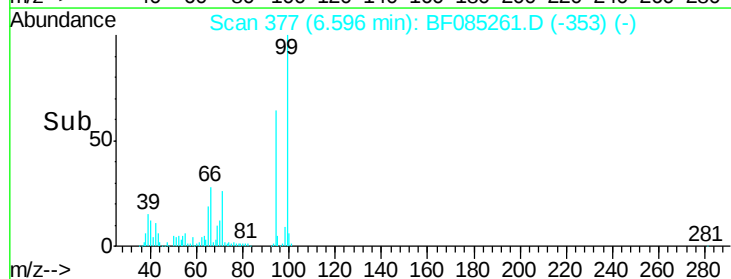
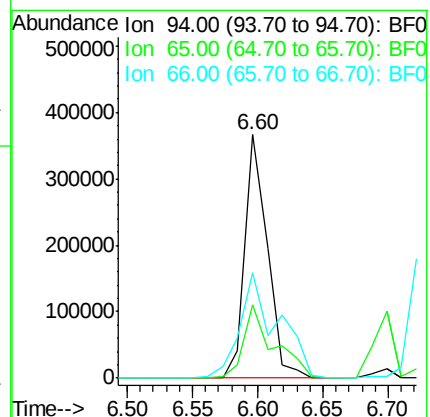
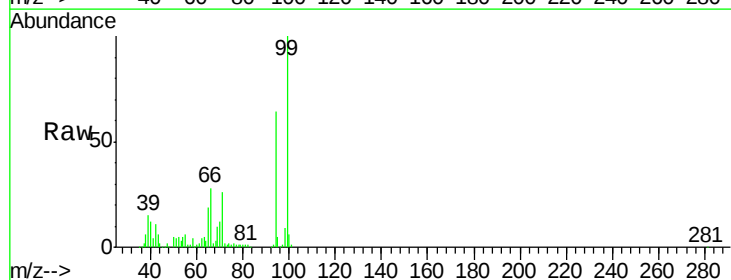
Tgt Ion: 94 Resp: 439415

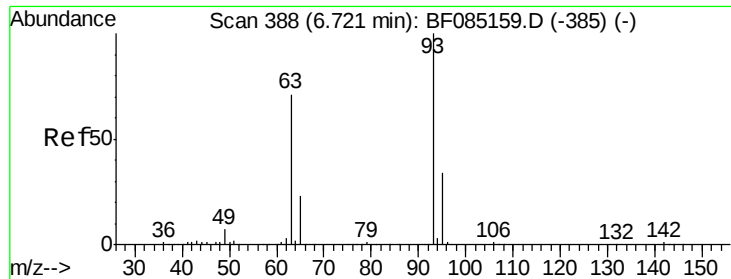
Ion Ratio Lower Upper

94 100

65 30.2 9.1 49.1

66 43.4 19.3 59.3





#11

bis(2-Chloroethyl)ether

Concen: 41.20 ng

RT: 6.70 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

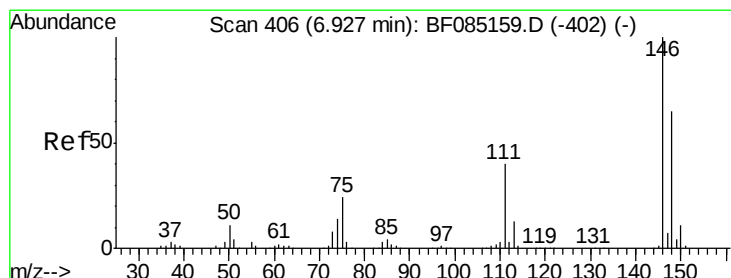
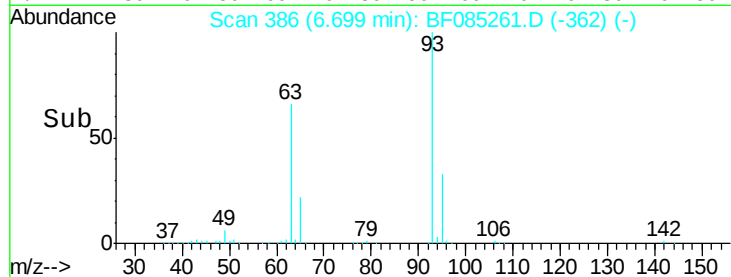
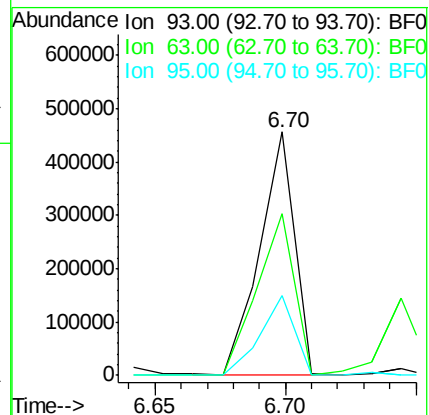
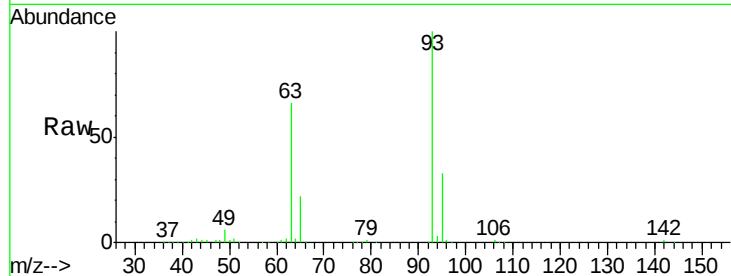
Tgt Ion: 93 Resp: 427942

Ion Ratio Lower Upper

93 100

63 66.4 50.9 90.9

95 32.9 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 39.64 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

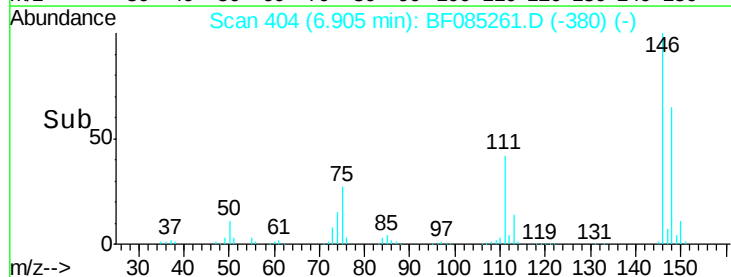
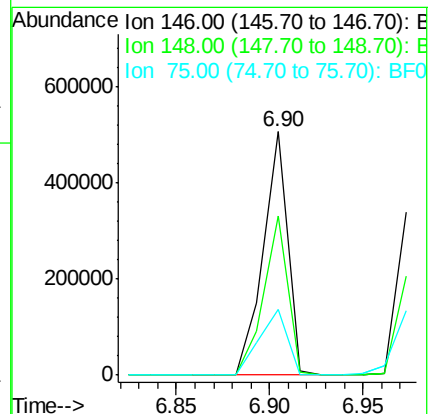
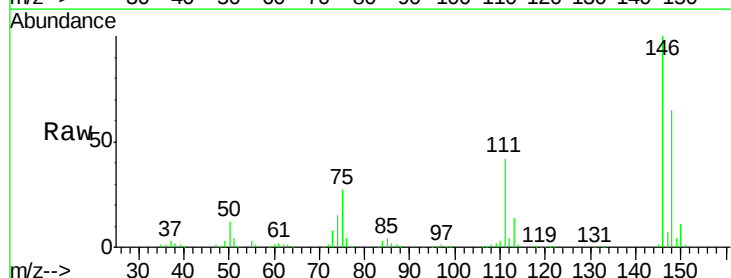
Tgt Ion: 146 Resp: 456621

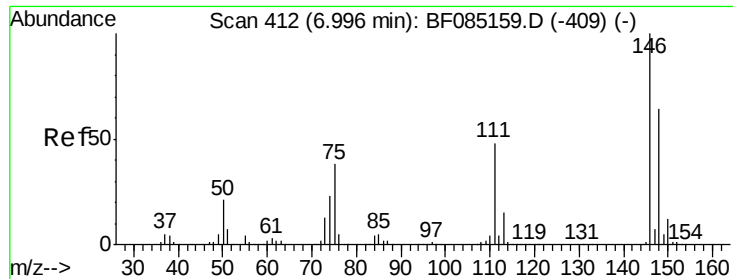
Ion Ratio Lower Upper

146 100

148 65.4 52.1 78.1

75 26.9 19.5 29.3

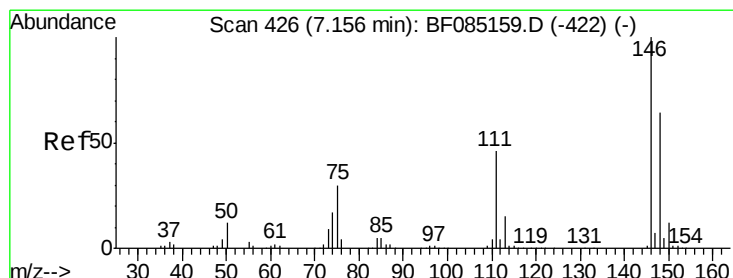
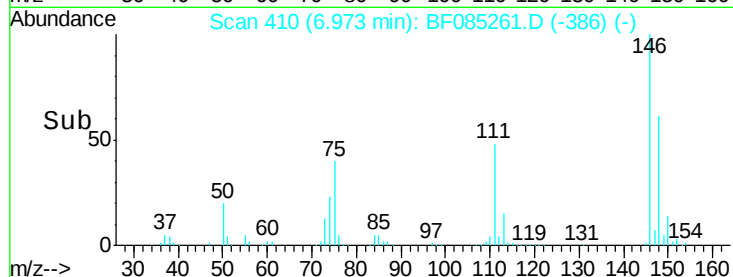
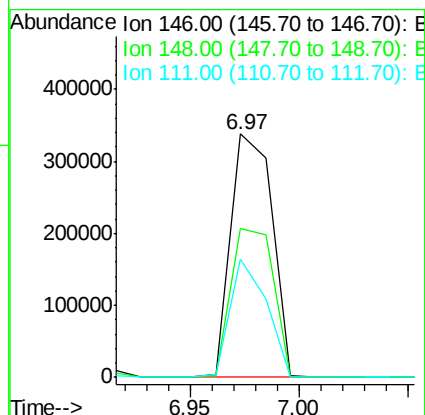
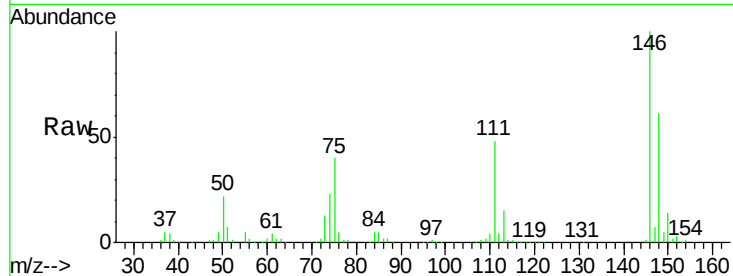




#13
 1,4-Dichlorobenzene
 Concen: 38.51 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

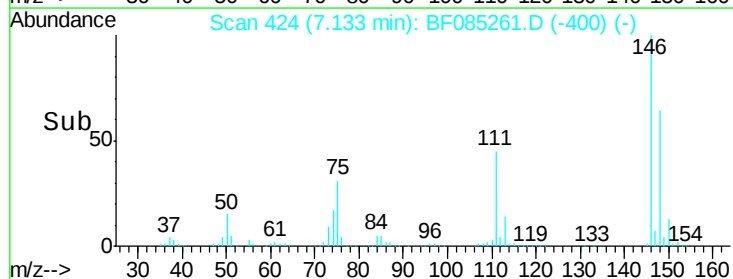
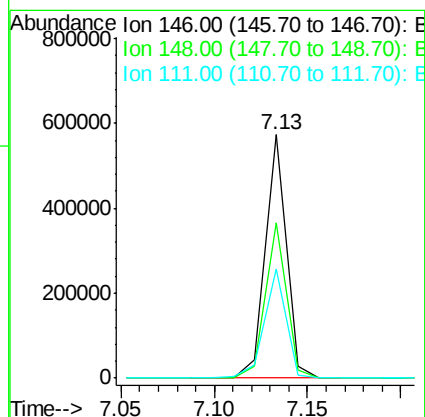
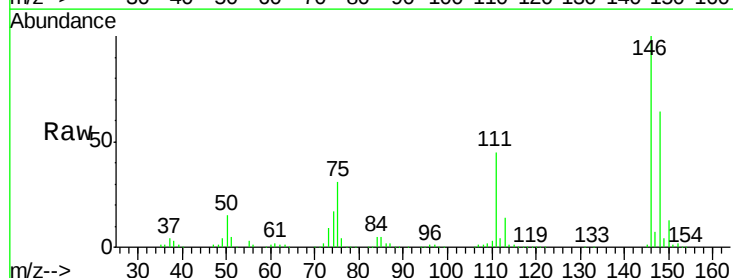
Instrument :
 BNA_F
 ClientSampleID :
 PB88766BS

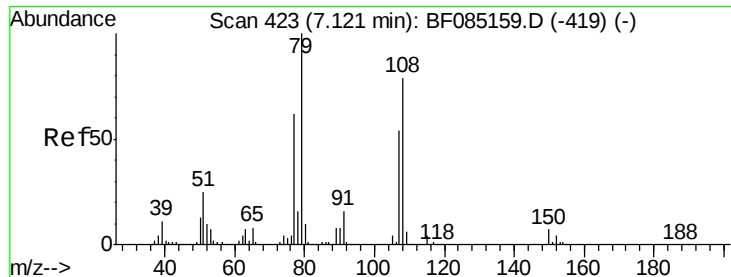
Tgt Ion:146 Resp: 444572
 Ion Ratio Lower Upper
 146 100
 148 61.1 51.3 76.9
 111 48.3 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 42.23 ng
 RT: 7.13 min Scan# 424
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:146 Resp: 442301
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.2
 111 44.9 36.7 55.1





#15

Benzyl Alcohol

Concen: 40.98 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

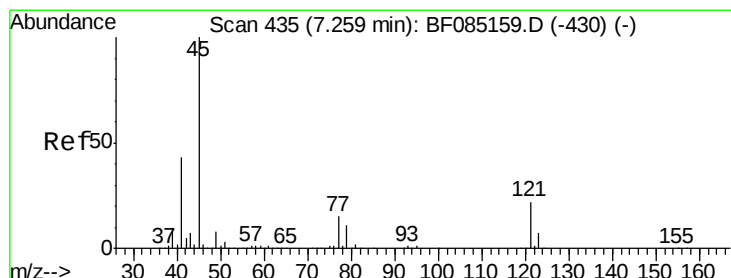
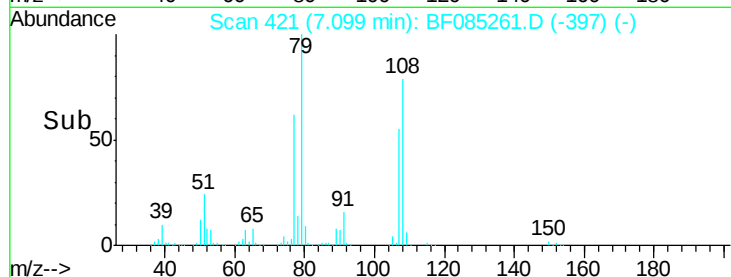
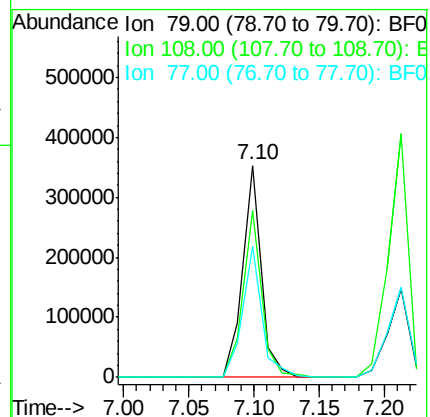
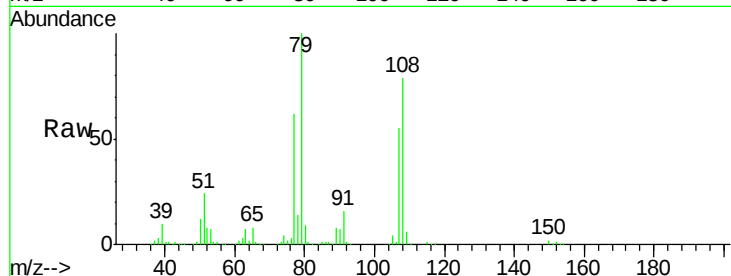
Tgt Ion: 79 Resp: 351246

Ion Ratio Lower Upper

79 100

108 78.6 62.9 94.3

77 61.7 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.12 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

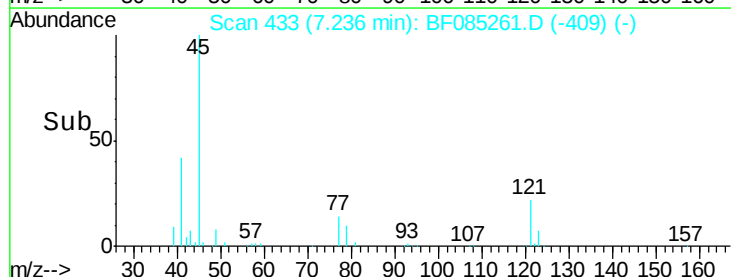
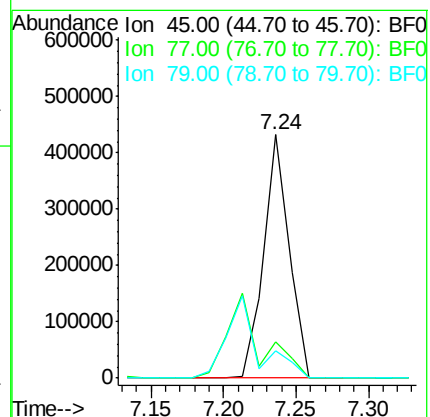
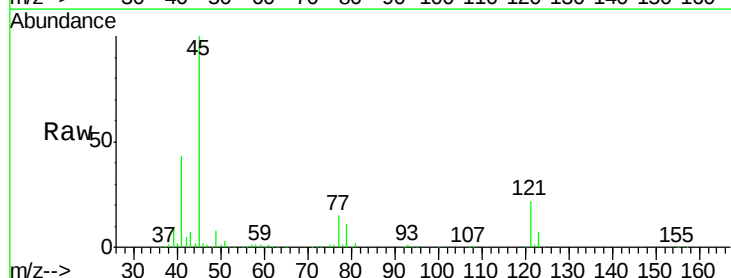
Tgt Ion: 45 Resp: 525848

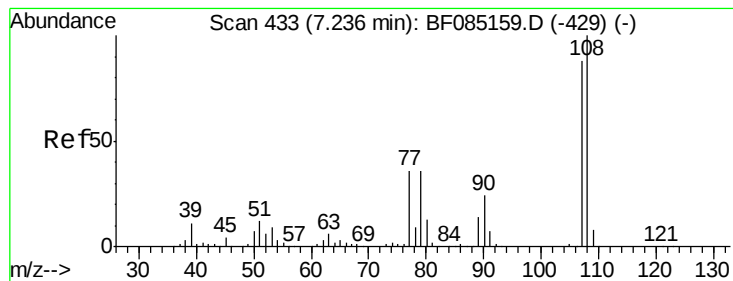
Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.1

79 11.4 0.0 31.3





#17

2-Methylphenol

Concen: 42.75 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

Tgt Ion:107 Resp: 374298

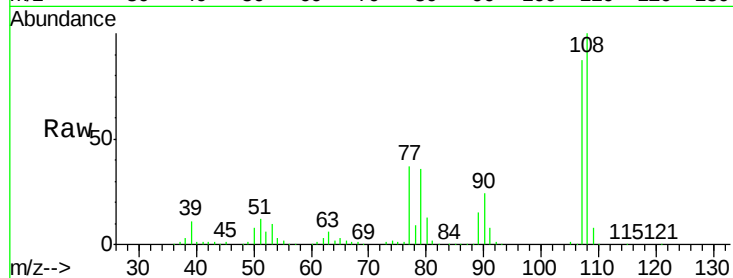
Ion Ratio Lower Upper

107 100

108 114.5 90.9 136.3

77 42.3 32.6 48.8

79 41.5 32.8 49.2

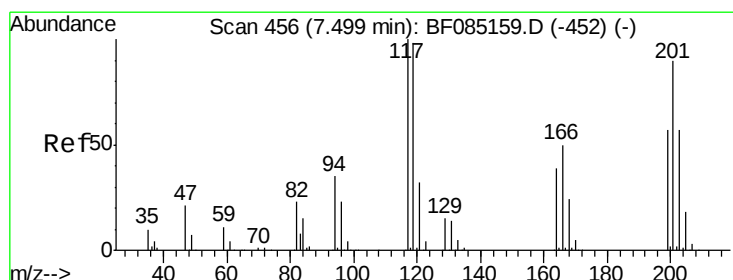
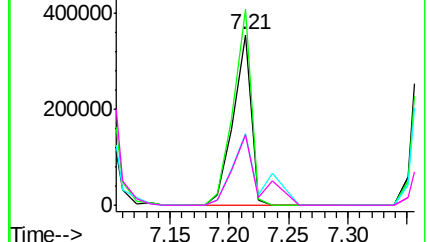
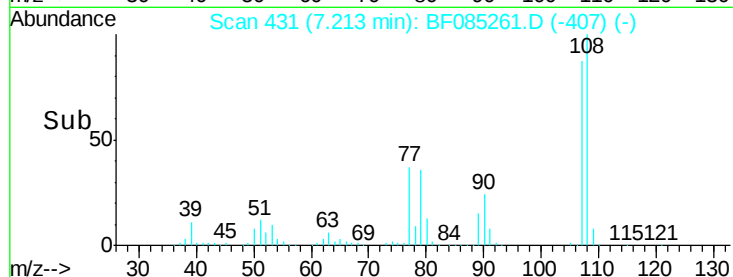


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.32 ng

RT: 7.48 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

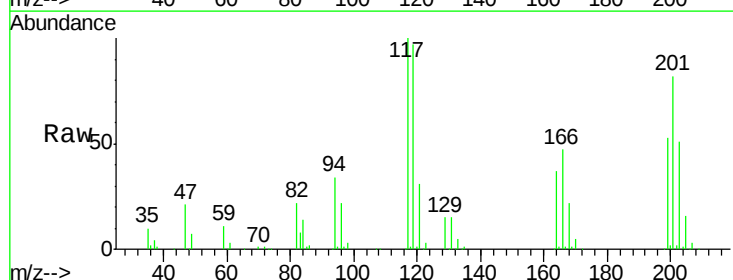
Tgt Ion:117 Resp: 167446

Ion Ratio Lower Upper

117 100

119 96.6 78.2 117.4

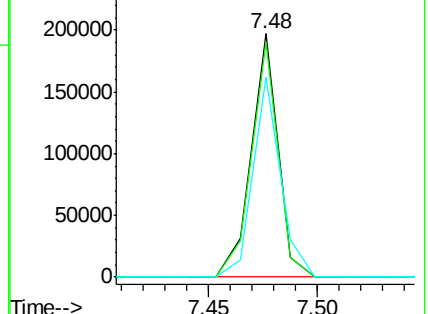
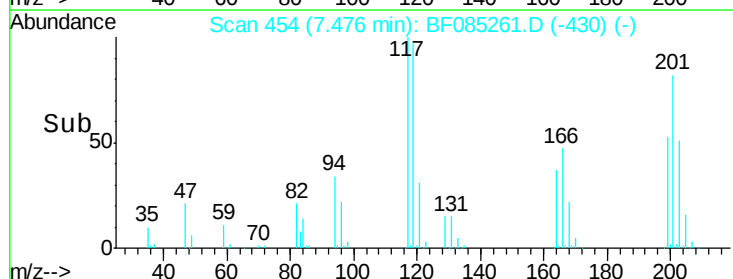
201 82.1 72.0 108.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

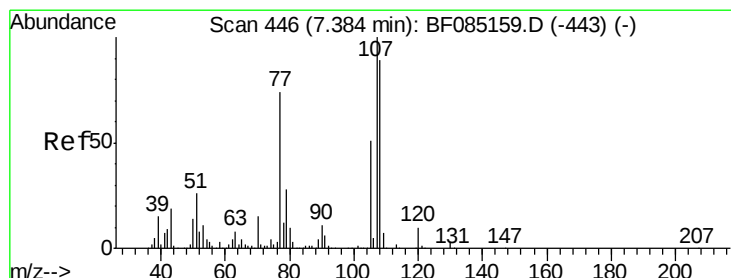
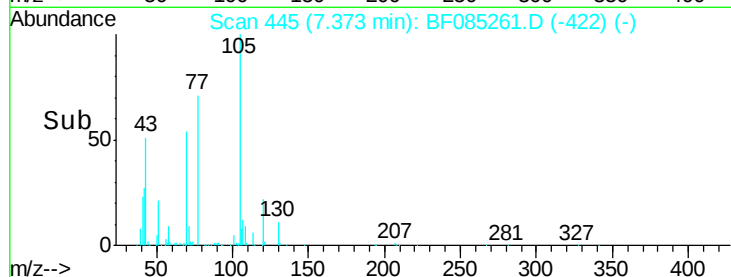
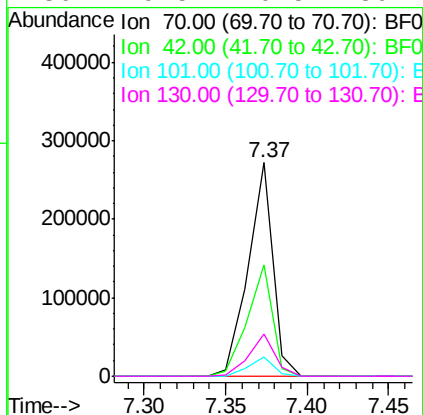
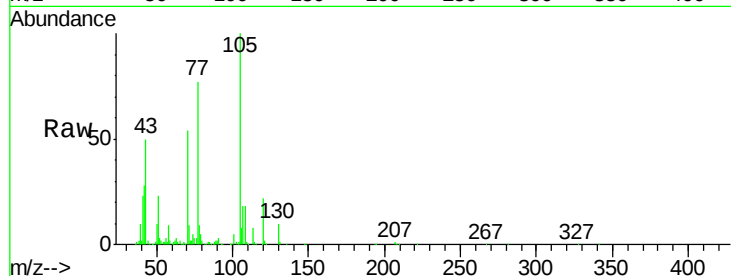




#19
n-Nitroso-di-n-propylamine
Concen: 37.74 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

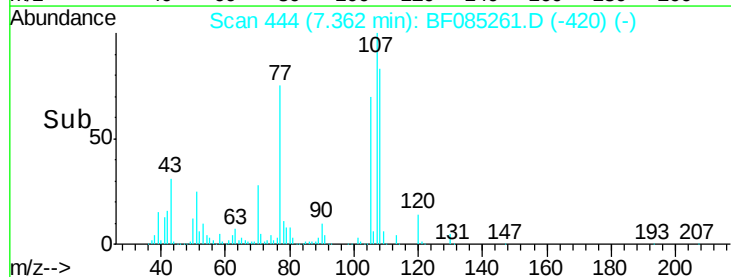
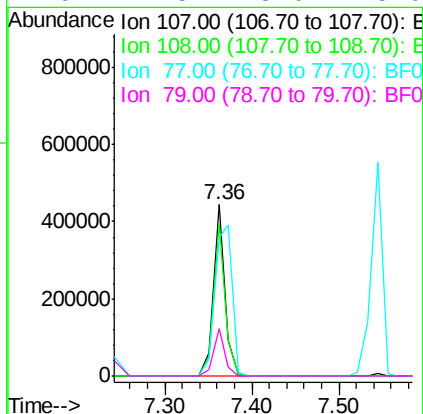
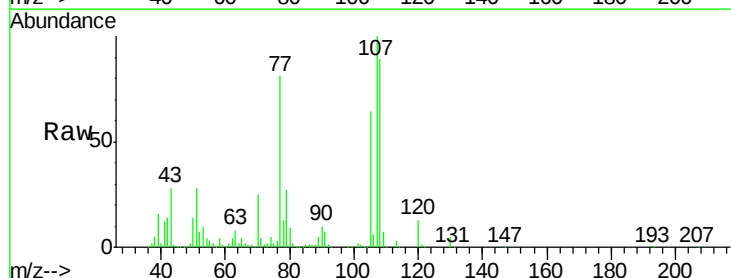
Instrument :
BNA_F
ClientSampleId :
PB88766BS

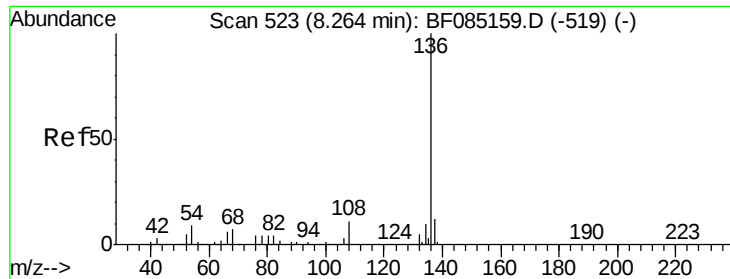
Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.4	37.7	56.5
101	9.2	8.2	12.4
130	19.5	20.5	30.7#



#20
3+4-Methylphenols
Concen: 40.01 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.8	108.8
77	80.7	53.6	93.6
79	27.5	8.0	48.0

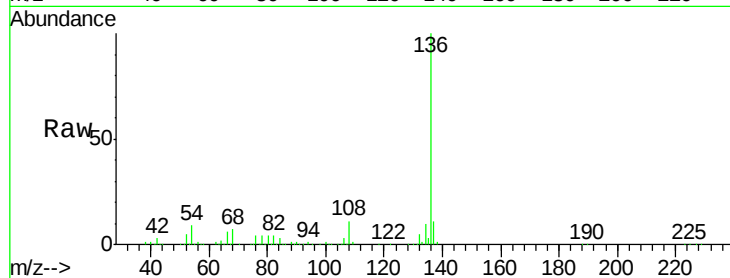




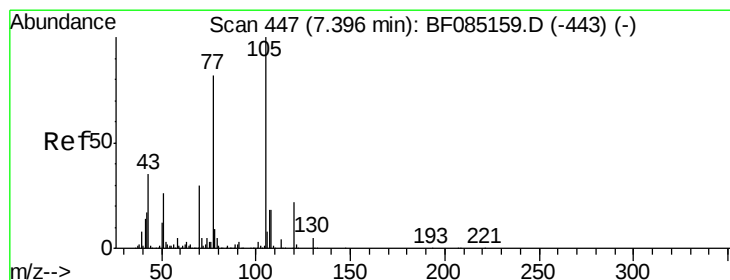
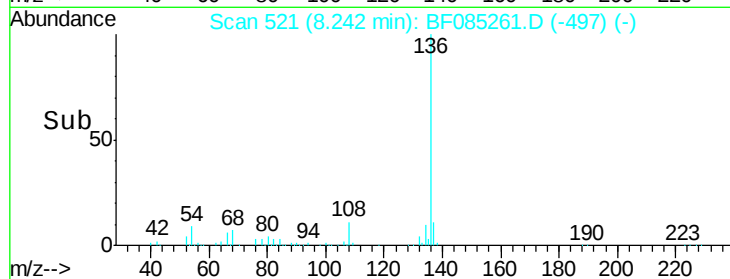
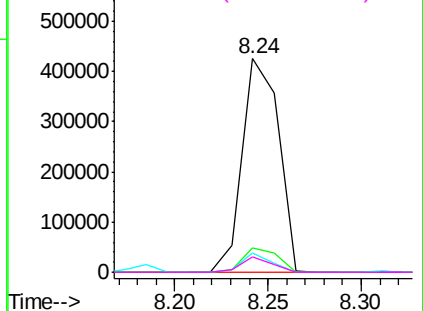
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion:	136	Resp:	575207
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	9.3	7.4	11.2
68	7.3	6.0	9.0

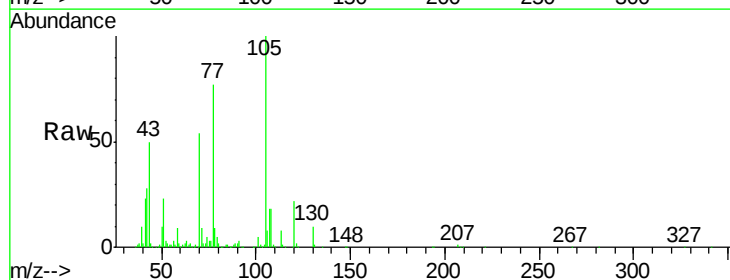


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

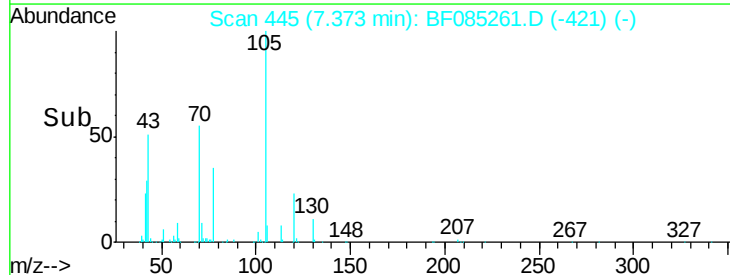
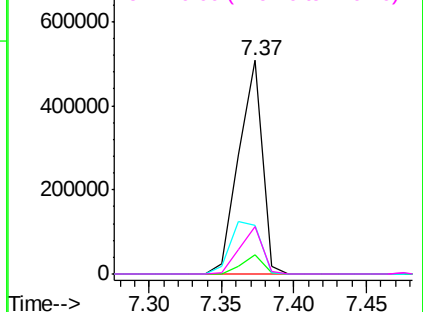


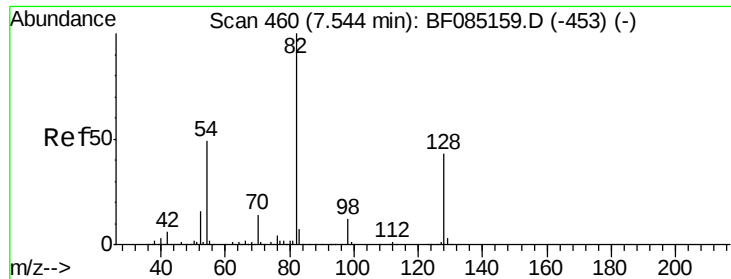
#22
Acetophenone
Concen: 40.79 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion:	105	Resp:	572718
Ion Ratio	Lower	Upper	
105	100		
71	9.0	4.1	6.1#
51	22.6	21.1	31.7
120	22.5	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

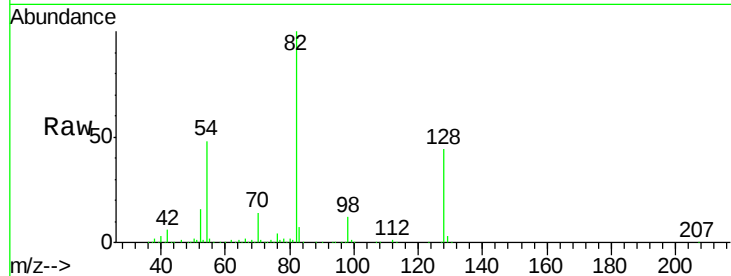




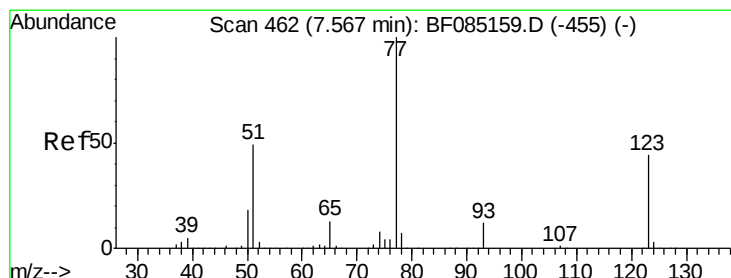
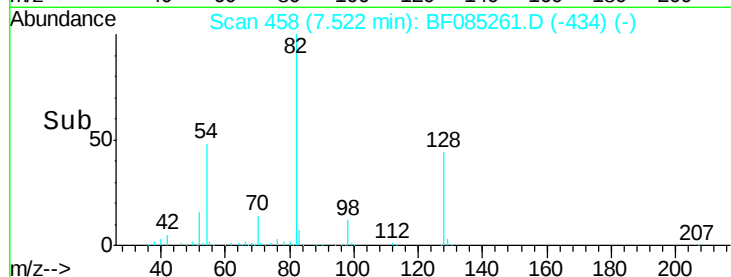
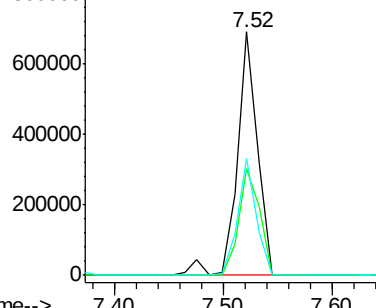
#23
 Nitrobenzene-d5
 Concen: 82.75 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.5	51.7
54	48.2	39.3	58.9

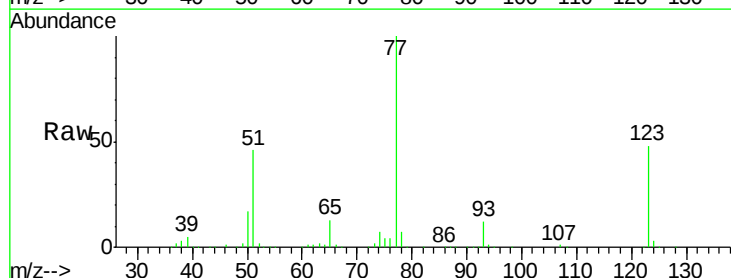


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

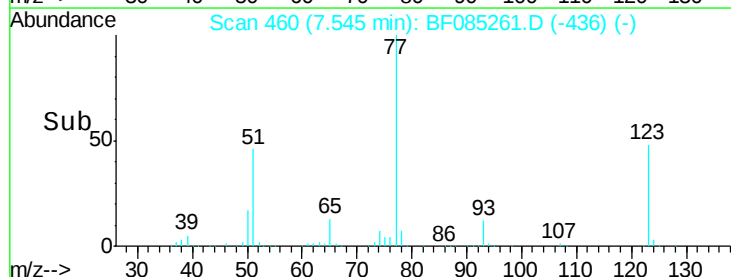
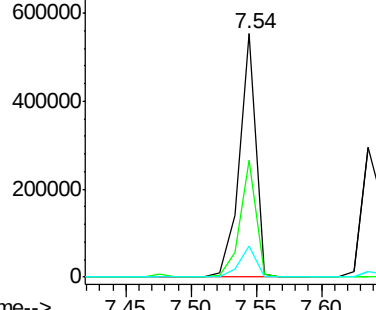


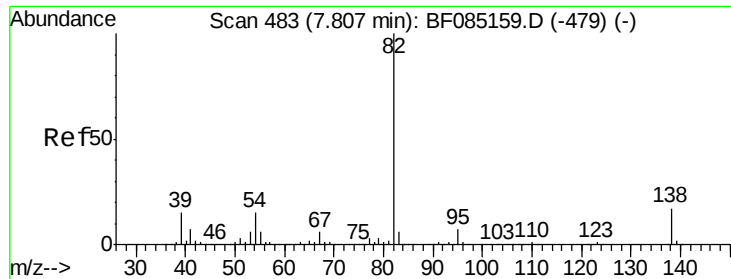
#24
 Nitrobenzene
 Concen: 44.88 ng
 RT: 7.54 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	35.4	53.2
65	12.9	10.6	16.0



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





#25

Isophorone

Concen: 41.52 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

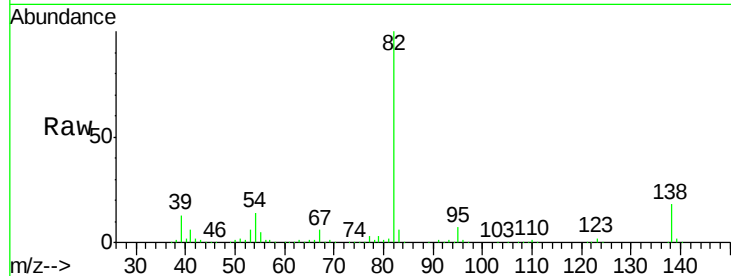
Tgt Ion: 82 Resp: 827082

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

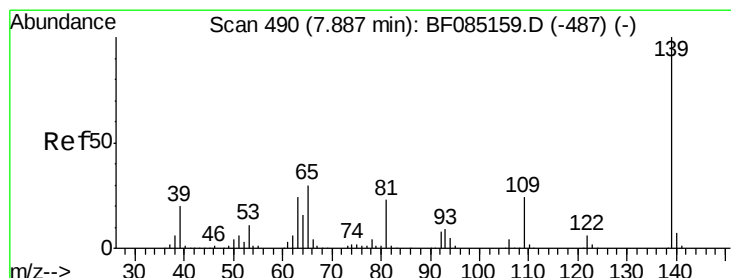
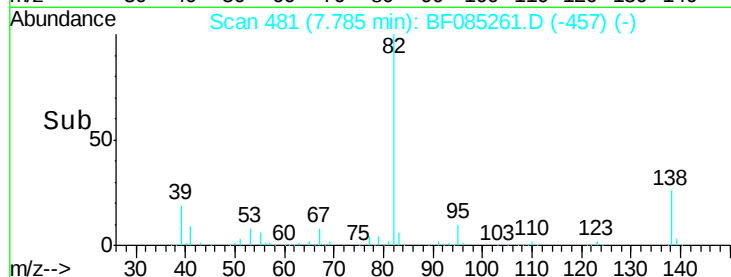
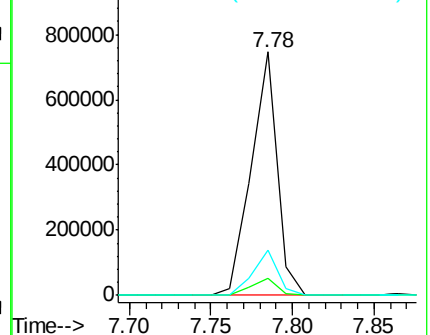
138 18.3 13.3 19.9



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: 43.52 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

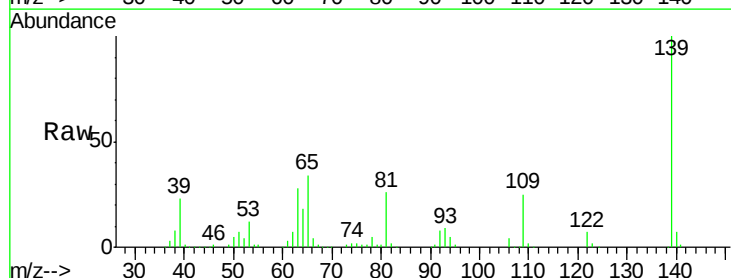
Tgt Ion: 139 Resp: 231271

Ion Ratio Lower Upper

139 100

109 25.4 19.1 28.7

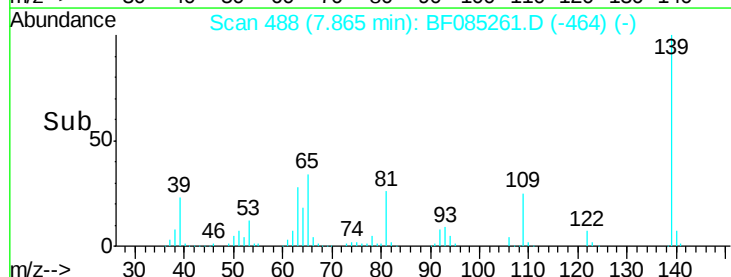
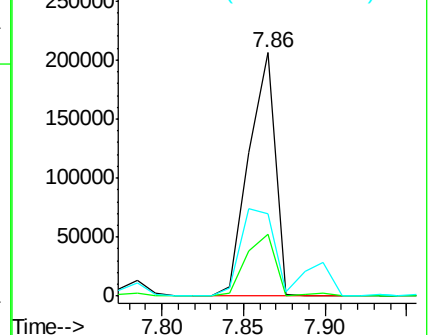
65 33.9 23.9 35.9



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: 44.23 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

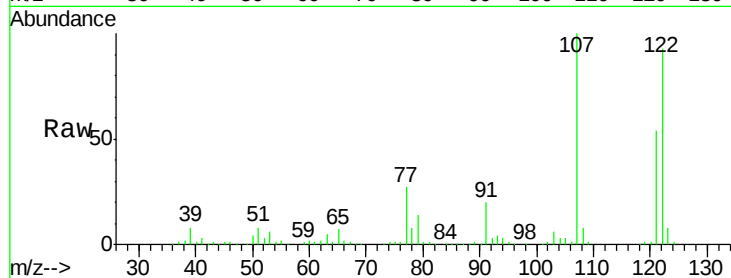
Tgt Ion:122 Resp: 429537

Ion Ratio Lower Upper

122 100

107 107.8 84.8 127.2

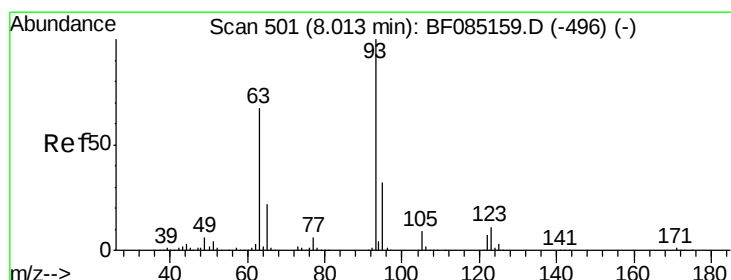
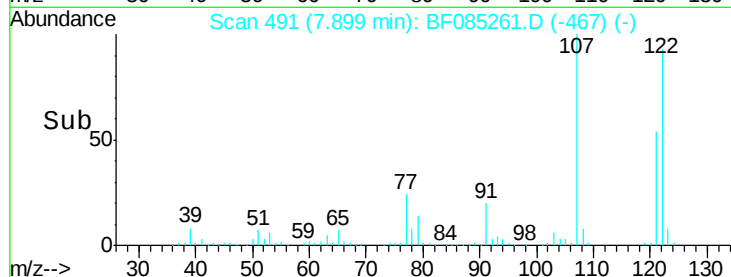
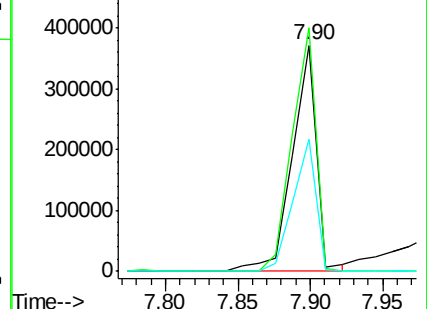
121 58.7 47.0 70.6



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: 41.99 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

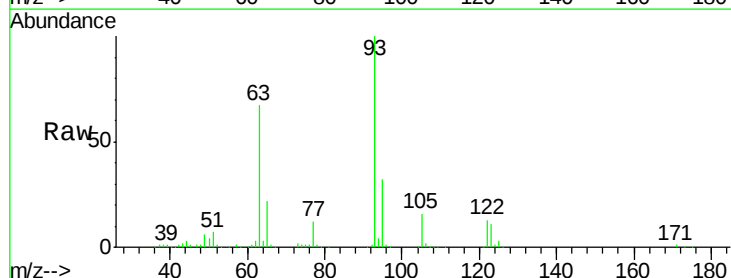
Tgt Ion: 93 Resp: 465858

Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

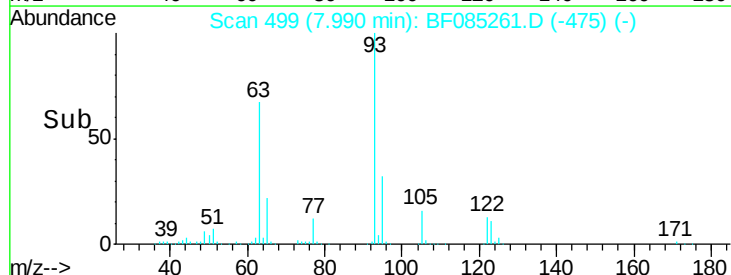
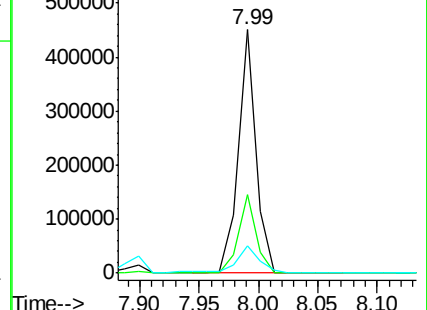
123 11.3 8.8 13.2

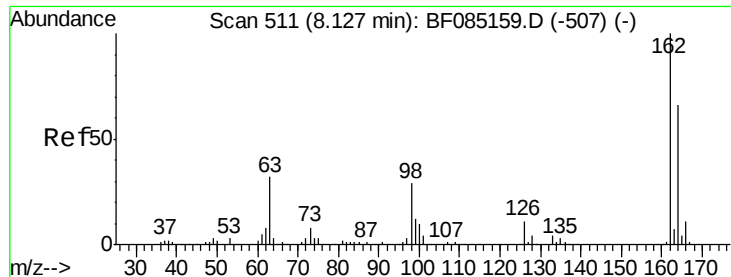


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

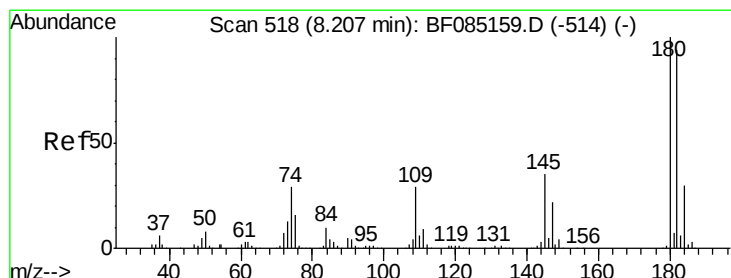
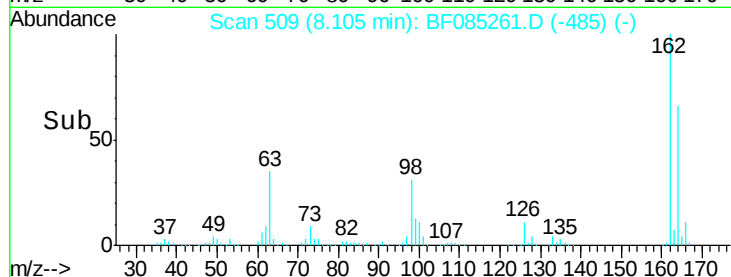
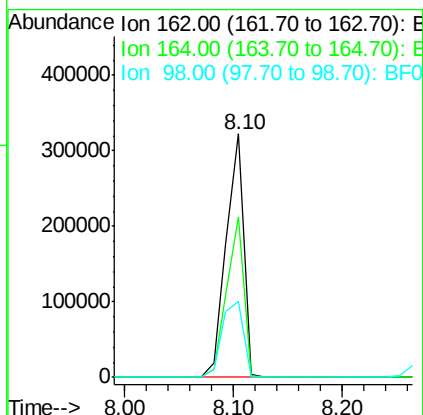
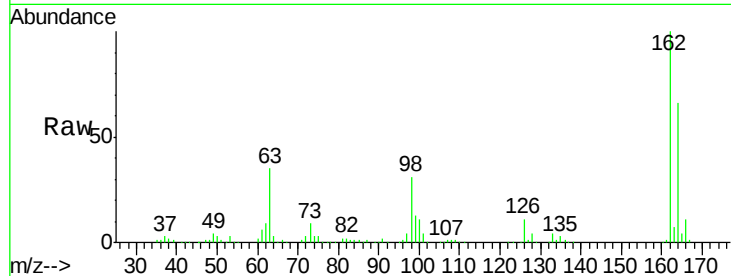




#29
 2,4-Dichlorophenol
 Concen: 45.95 ng
 RT: 8.10 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

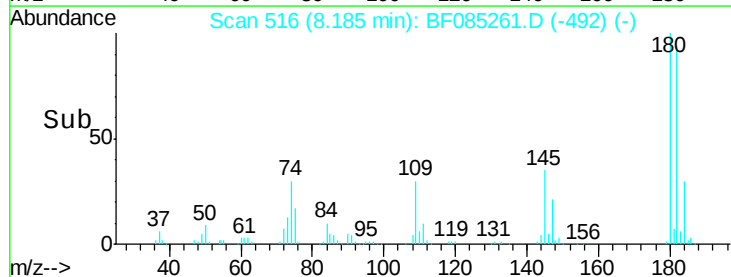
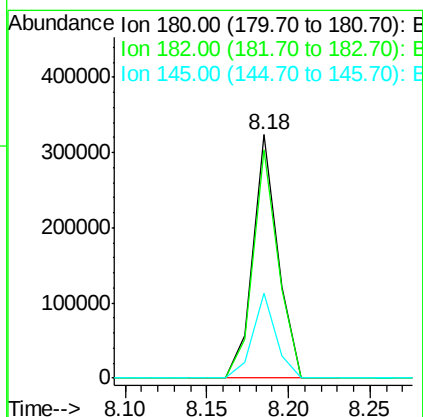
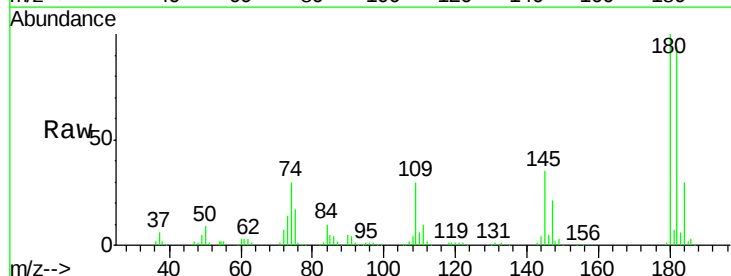
Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

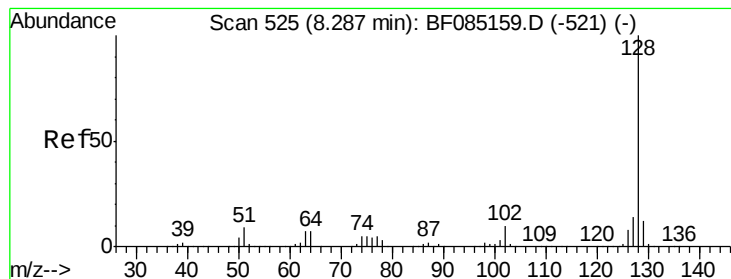
Tgt Ion:162 Resp: 359891
 Ion Ratio Lower Upper
 162 100
 164 65.9 45.7 85.7
 98 31.0 9.4 49.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.74 ng
 RT: 8.18 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:180 Resp: 344950
 Ion Ratio Lower Upper
 180 100
 182 93.5 74.9 112.3
 145 34.8 27.9 41.9





#31

Naphthalene

Concen: 41.35 ng

RT: 8.26 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

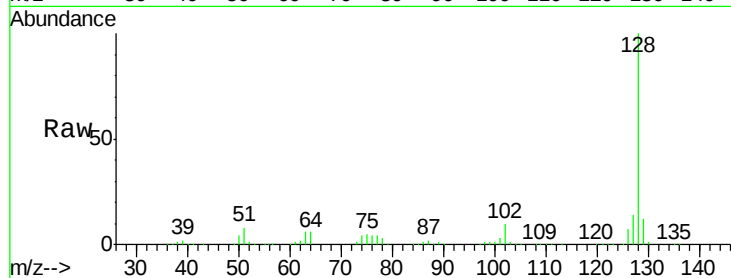
Tgt Ion:128 Resp: 1169487

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

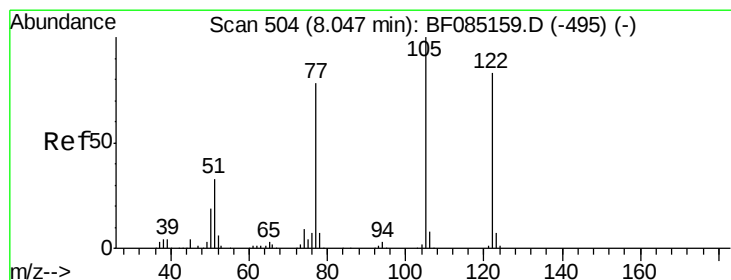
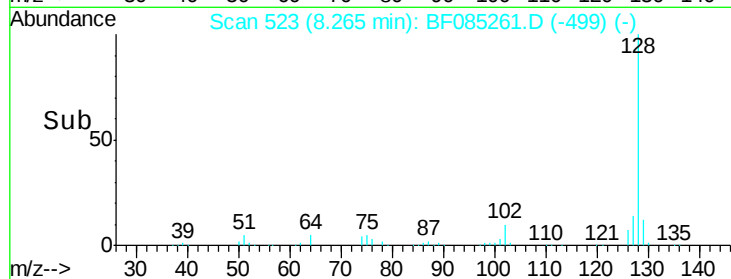
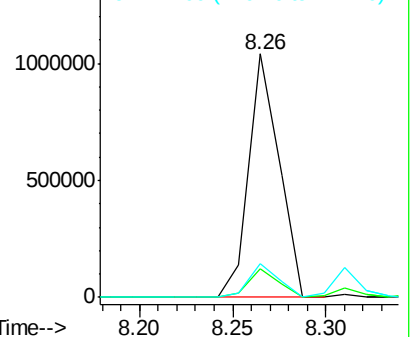
127 13.7 11.2 16.8



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: 40.32 ng

RT: 8.00 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

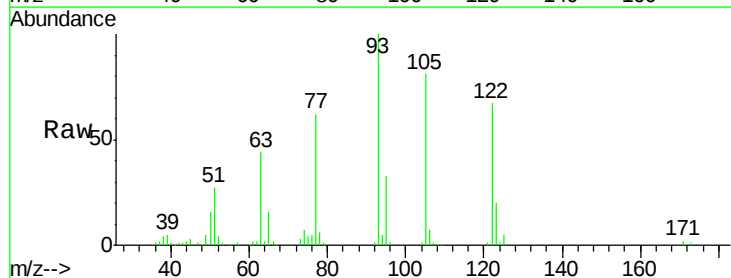
Tgt Ion:122 Resp: 260052

Ion Ratio Lower Upper

122 100

105 121.2 101.3 141.3

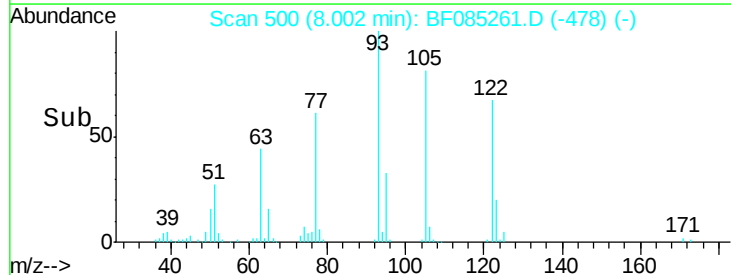
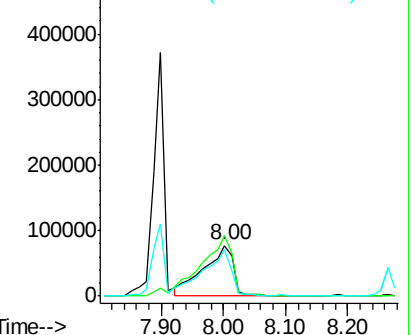
77 92.1 74.7 114.7

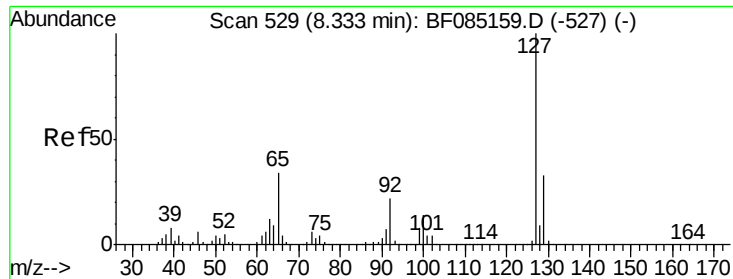


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

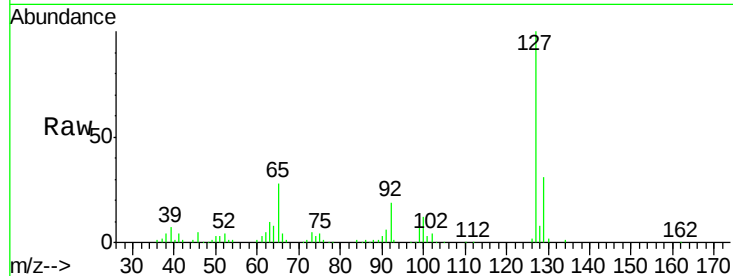




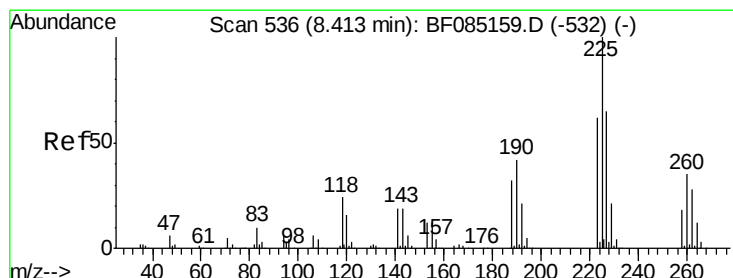
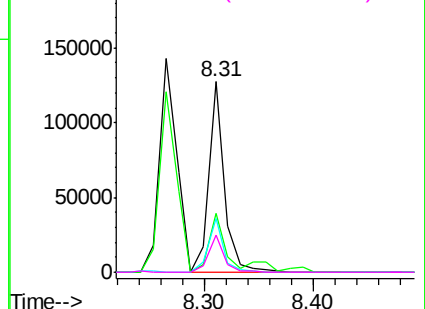
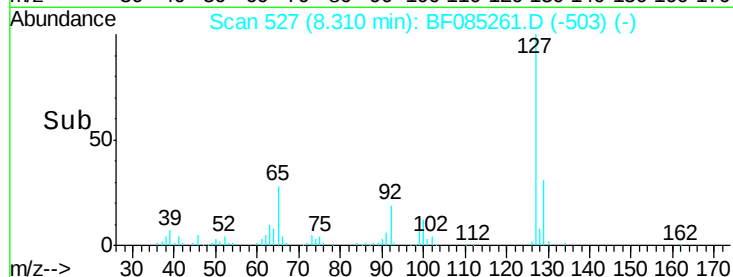
#33
4-Chloroaniline
Concen: 11.18 ng
RT: 8.31 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion:	127	Resp:	127901
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.1	39.1
65	28.5	27.0	40.6
92	19.3	17.4	26.0

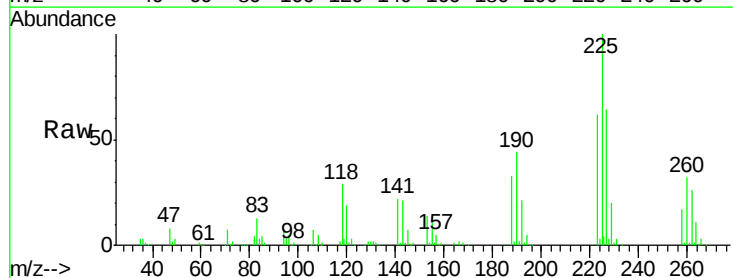


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

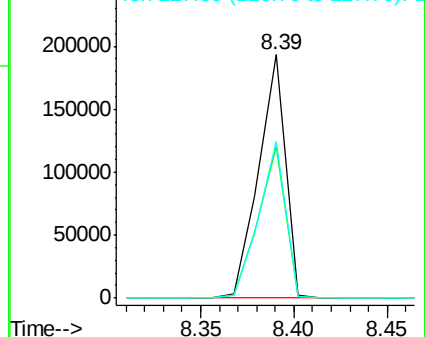
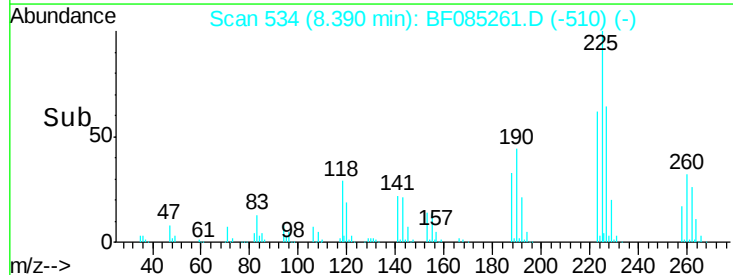


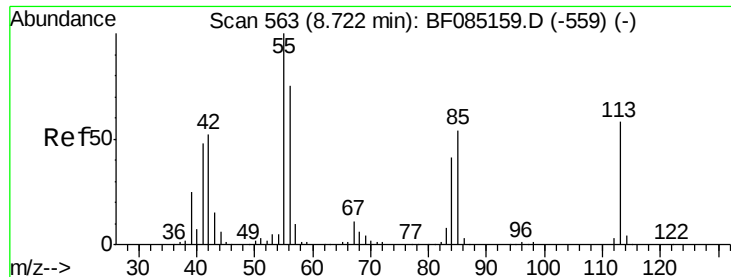
#34
Hexachlorobutadiene
Concen: 43.47 ng
RT: 8.39 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion:	225	Resp:	191533
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	64.2	52.2	78.4



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

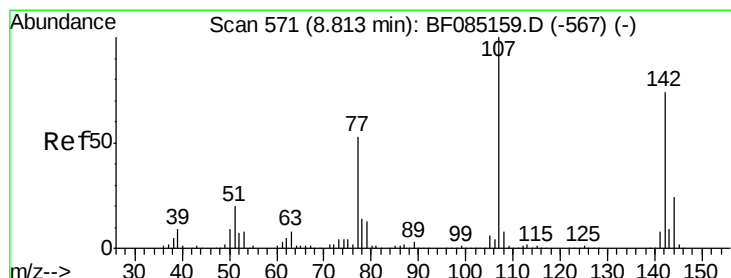
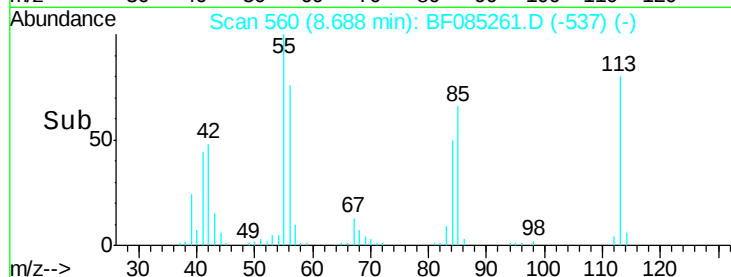
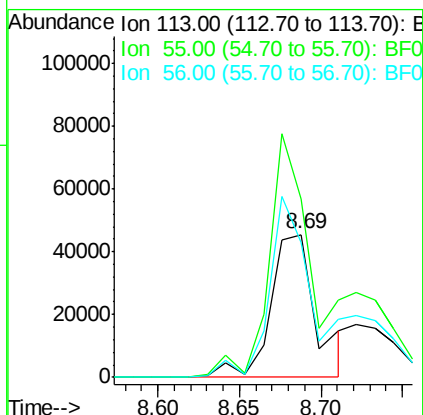
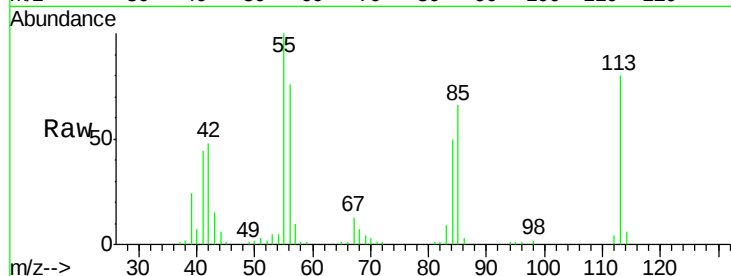




#35
 Caprolactam
 Concen: 34.77 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

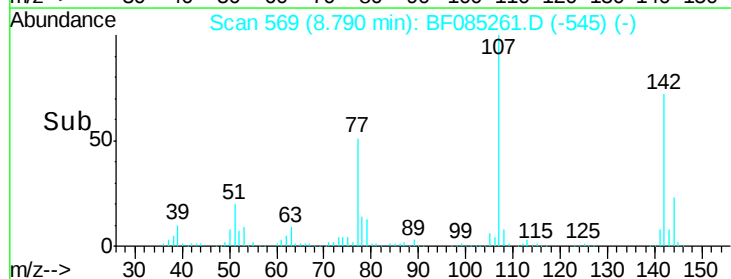
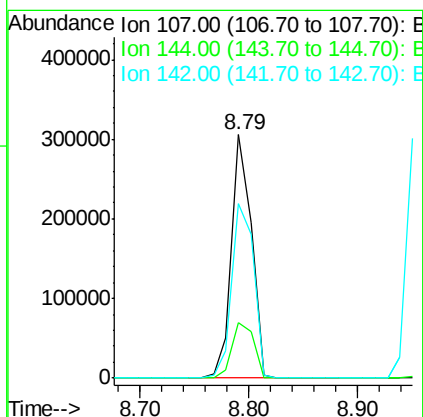
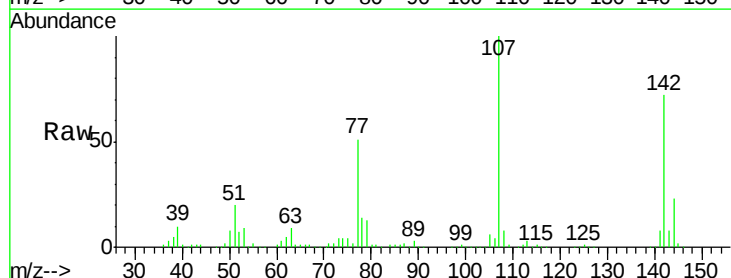
Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion:113 Resp: 88928
 Ion Ratio Lower Upper
 113 100
 55 124.6 152.7 192.7#
 56 94.3 109.0 149.0#



#36
 4-Chloro-3-methylphenol
 Concen: 43.40 ng
 RT: 8.79 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:107 Resp: 385573
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.4 29.2
 142 71.8 59.4 89.2

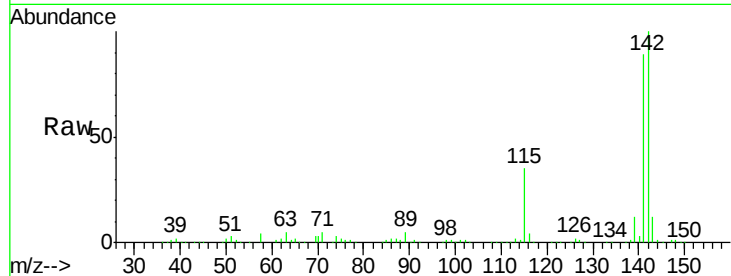




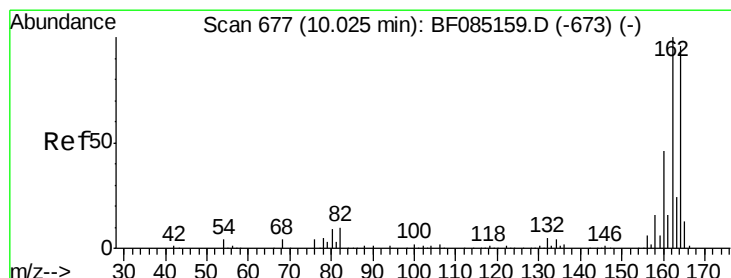
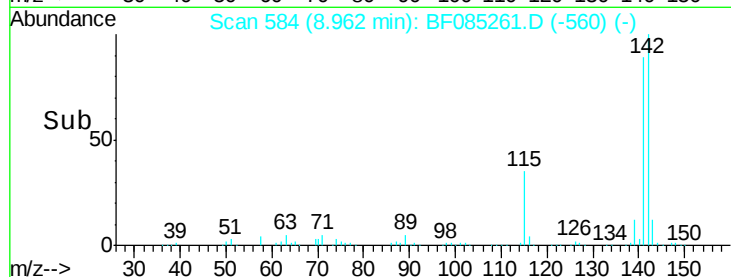
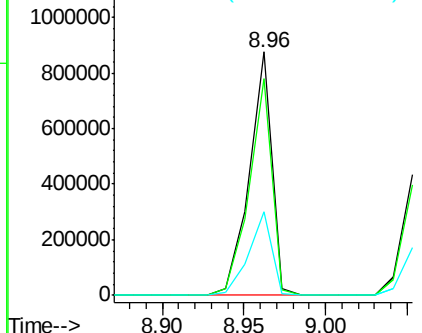
#37
 2-Methylnaphthalene
 Concen: 46.39 ng
 RT: 8.96 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion:142 Resp: 842057
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.7 107.5
 115 34.6 26.2 39.4

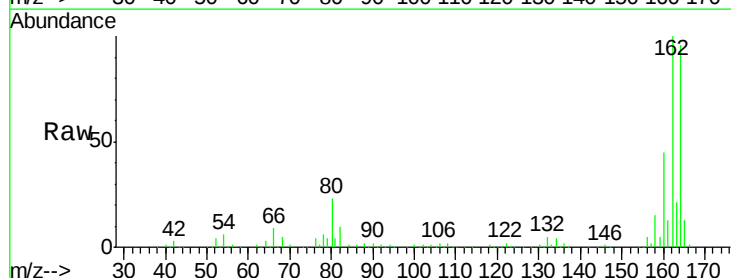


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

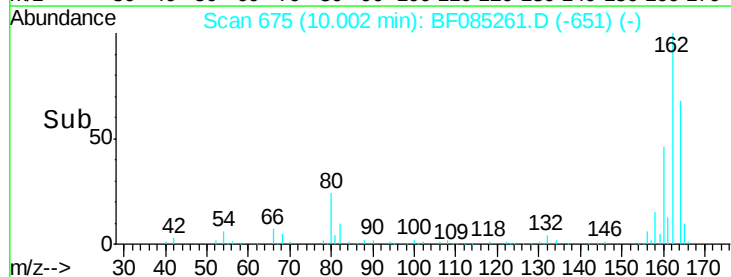
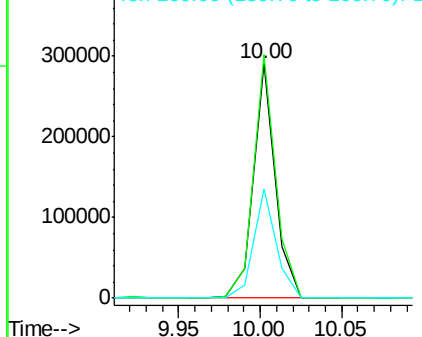


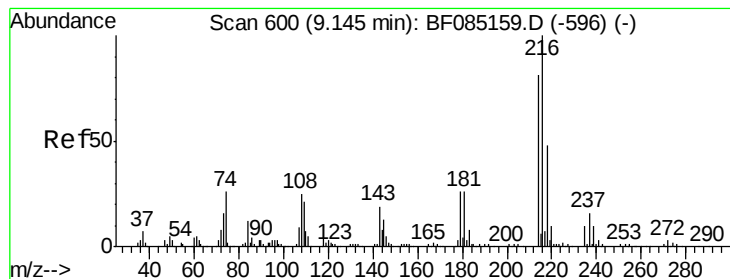
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:164 Resp: 270541
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.3 124.9
 160 46.9 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: 40.12 ng

RT: 9.13 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

Tgt Ion:216 Resp: 310429

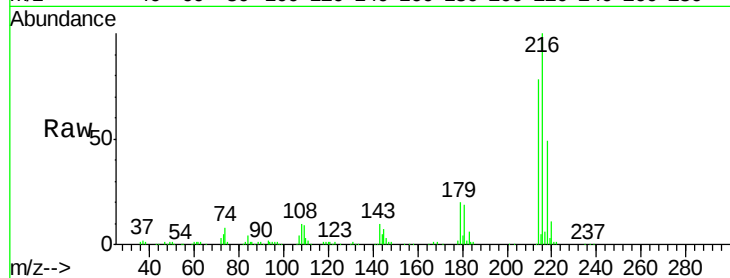
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 23.1 19.6 29.4

108 23.4 19.6 29.4

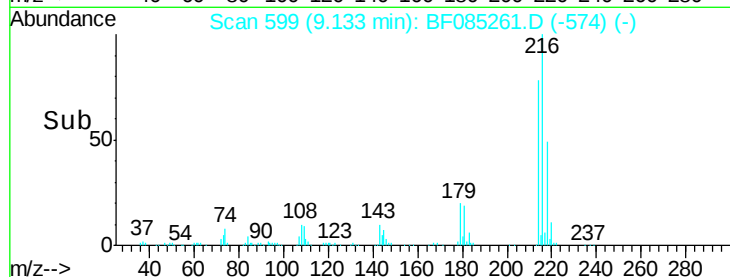


Abundance Ion 216.00 (215.70 to 216.70): E

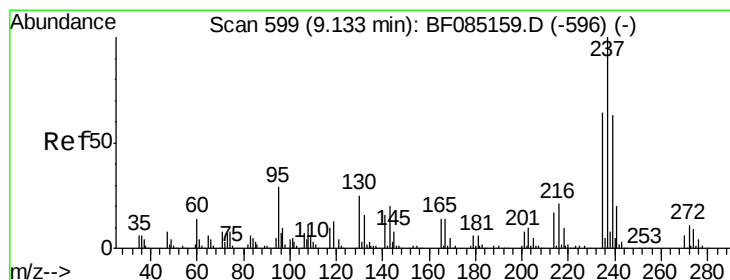
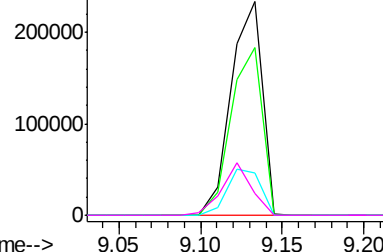
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 87.62 ng

RT: 9.12 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

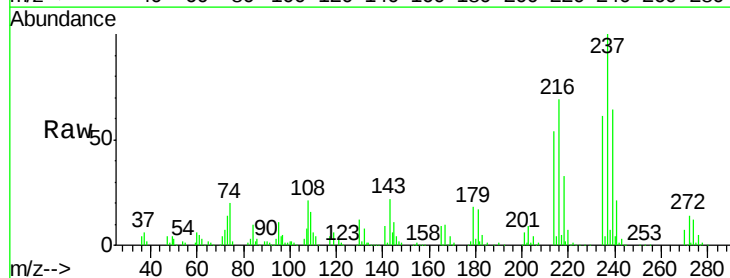
Tgt Ion:237 Resp: 365632

Ion Ratio Lower Upper

237 100

235 60.8 43.7 83.7

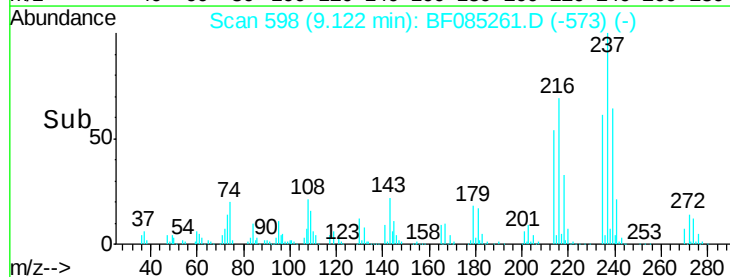
272 14.3 0.0 31.5



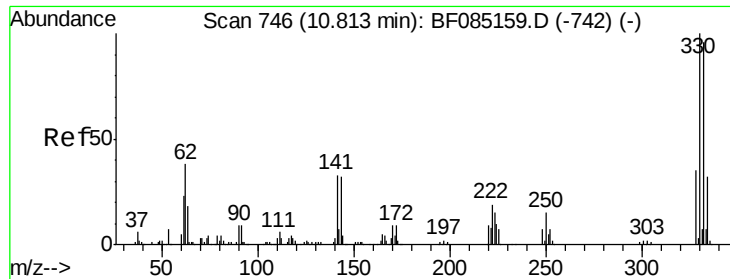
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



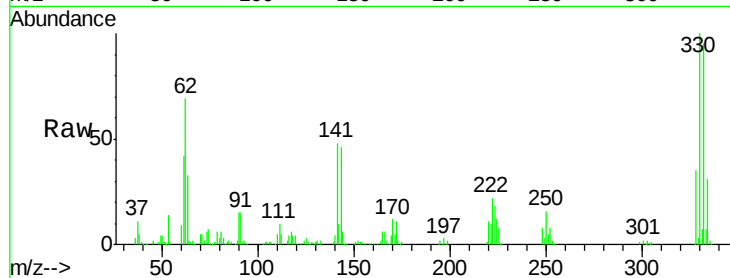
Time-->



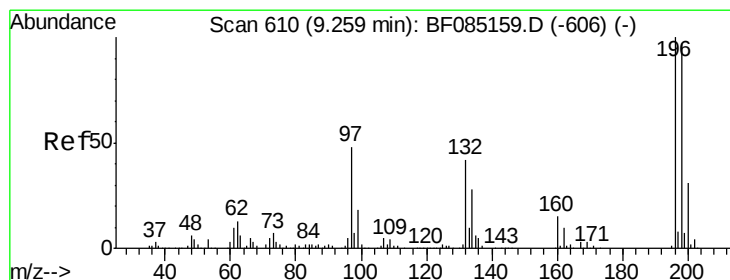
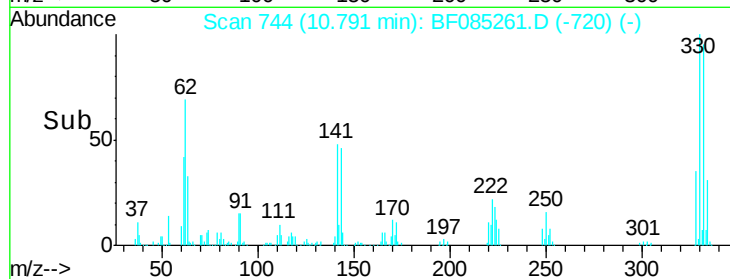
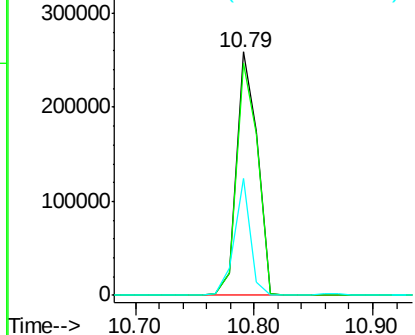
#41
 2,4,6-Tribromophenol
 Concen: 137.11 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion:330 Resp: 317389
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 37.2 35.0 52.6

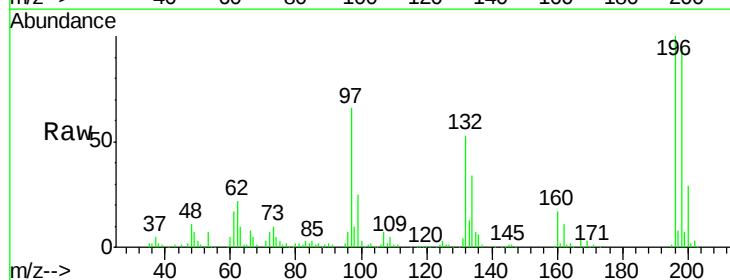


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

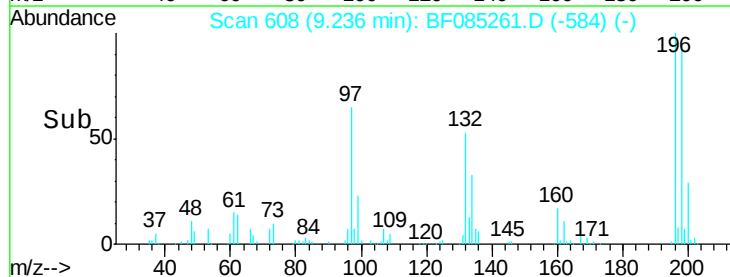
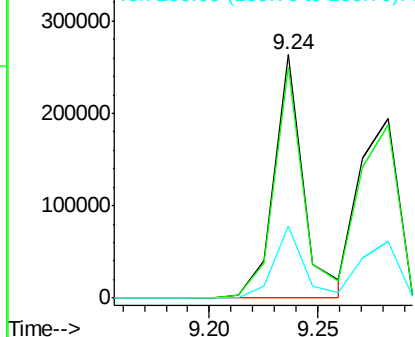


#42
 2,4,6-Trichlorophenol
 Concen: 43.25 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:196 Resp: 249094
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.8 116.6
 200 29.5 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

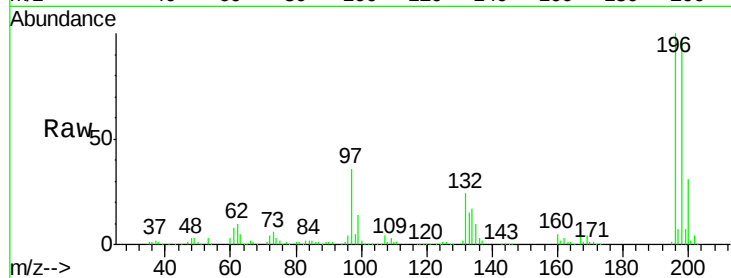




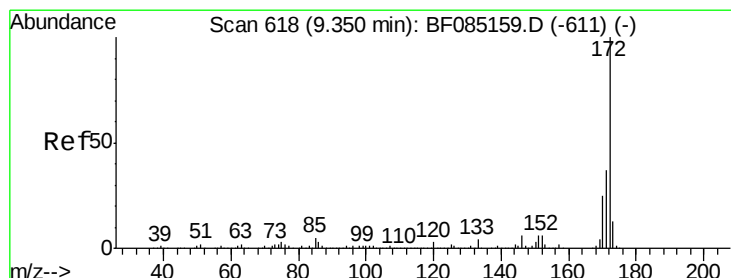
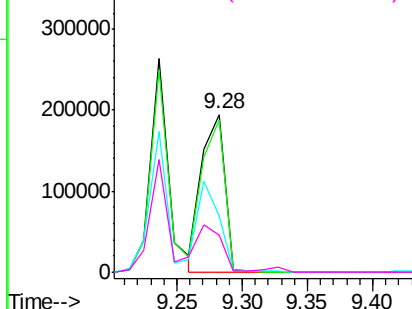
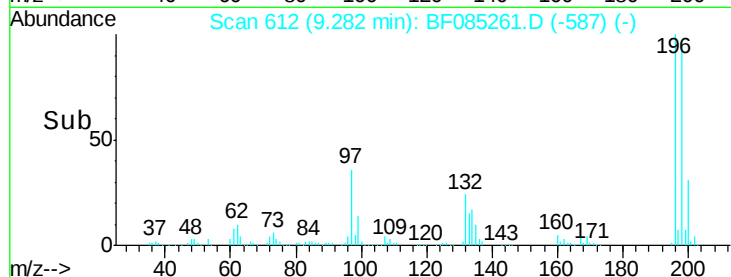
#43
 2,4,5-Trichlorophenol
 Concen: 44.39 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion:196 Resp: 242400
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.7 113.5
 97 36.0 46.4 69.6#
 132 23.9 26.2 39.4#

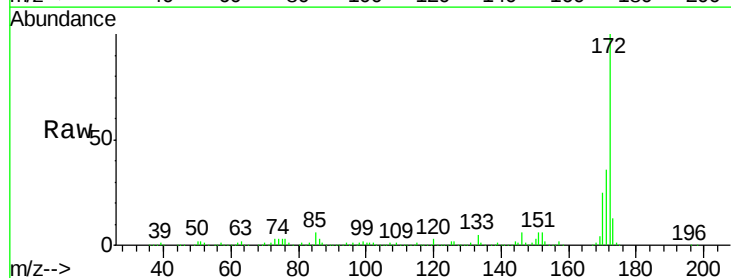


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

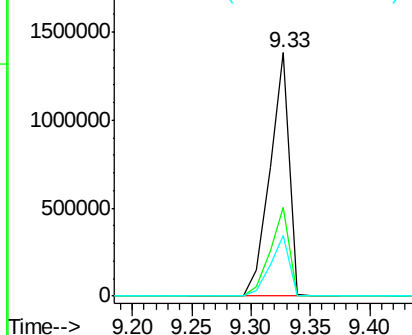
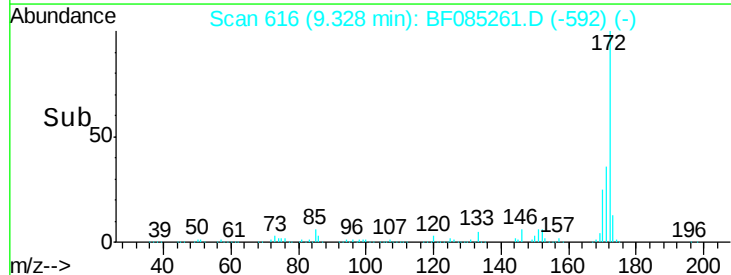


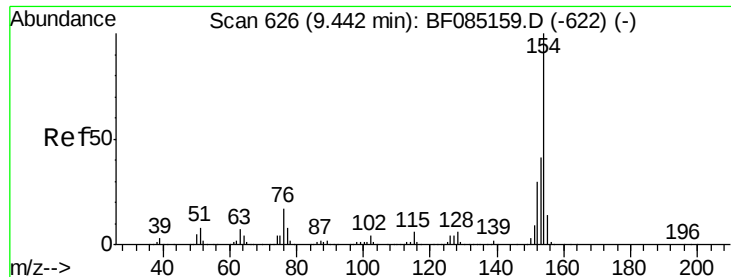
#44
 2-Fluorobiphenyl
 Concen: 87.65 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:172 Resp: 1559268
 Ion Ratio Lower Upper
 172 100
 171 36.3 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

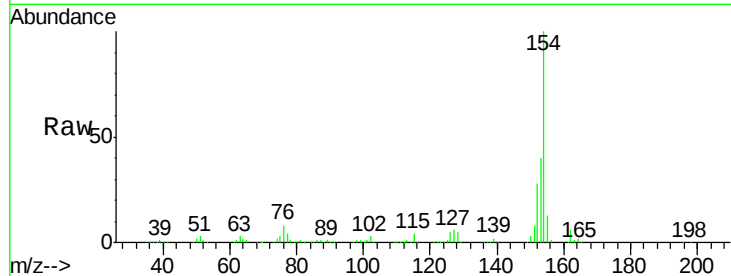




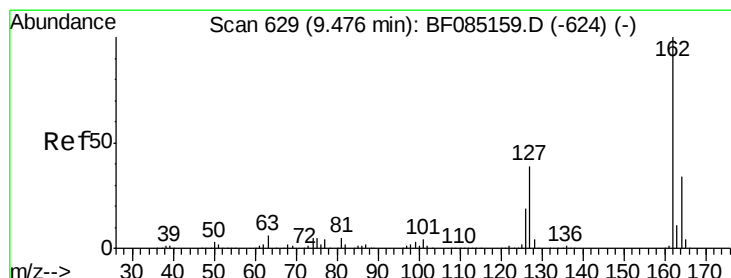
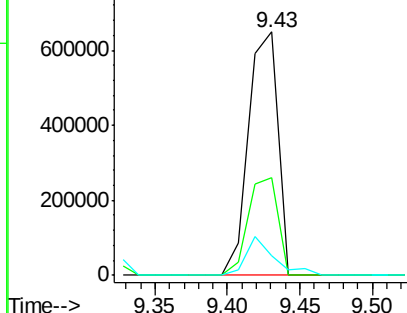
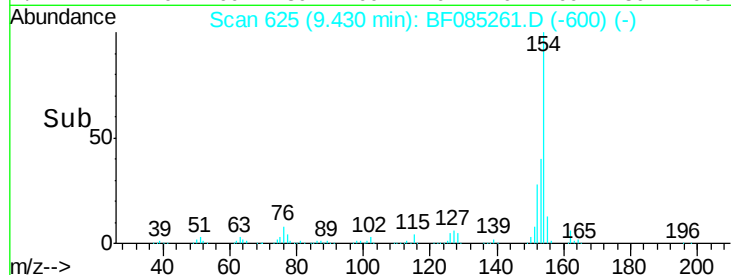
#45
 1,1'-Biphenyl
 Concen: 39.46 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion:154 Resp: 912018
 Ion Ratio Lower Upper
 154 100
 153 40.0 21.4 61.4
 76 8.1 0.0 37.5

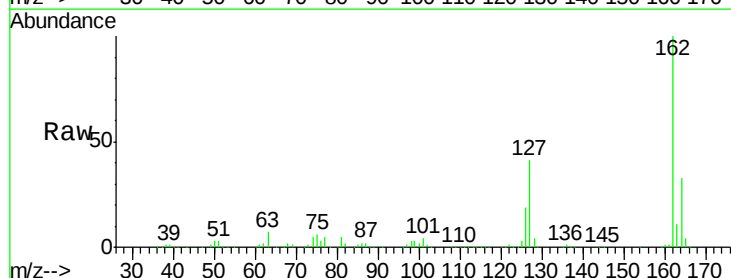


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

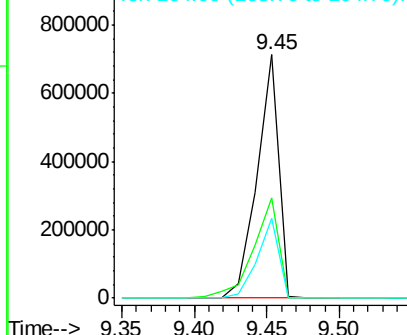
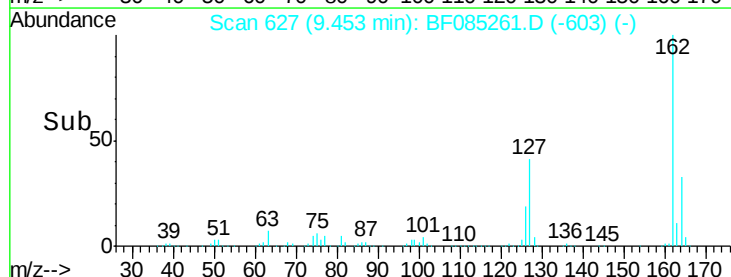


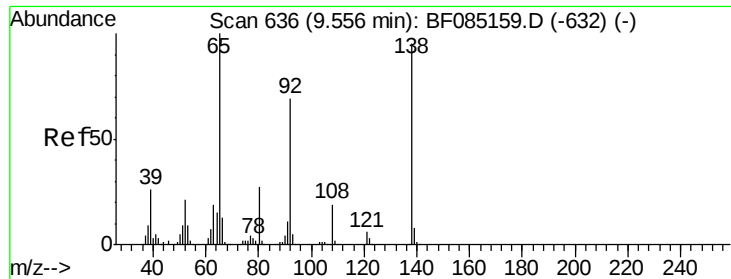
#46
 2-Chloronaphthalene
 Concen: 41.64 ng
 RT: 9.45 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:162 Resp: 733616
 Ion Ratio Lower Upper
 162 100
 127 41.3 31.6 47.4
 164 32.9 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

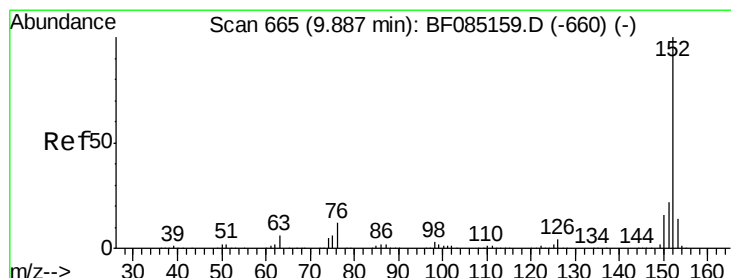
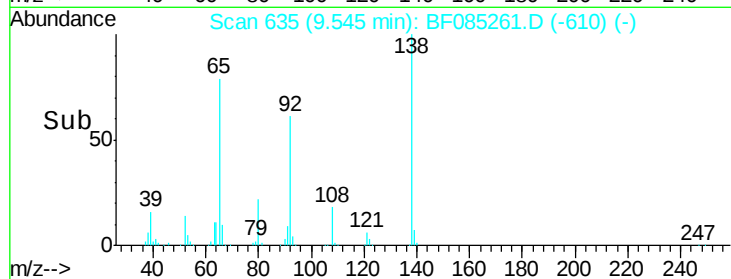
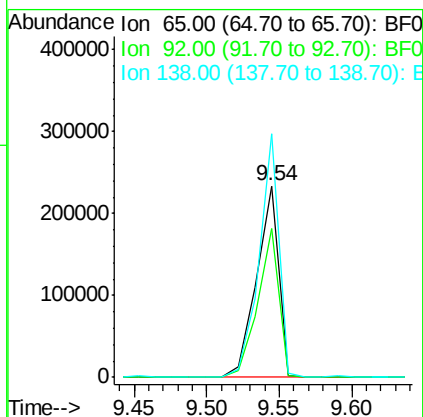
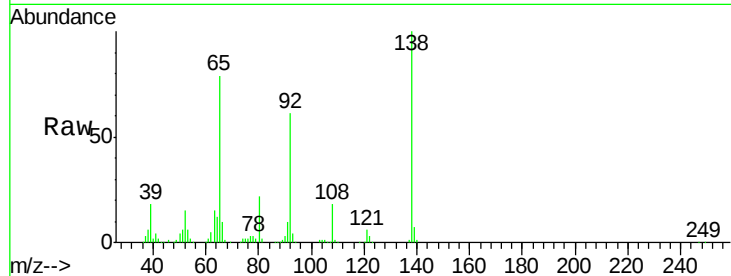




#47
2-Nitroaniline
Concen: 45.16 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

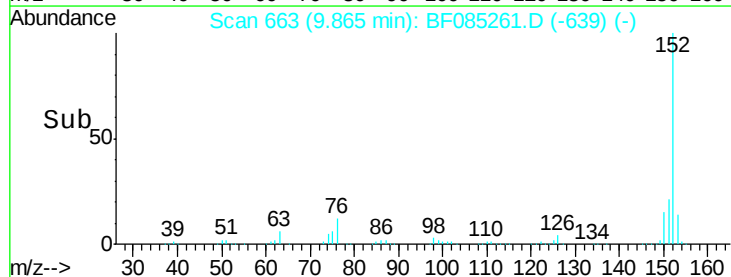
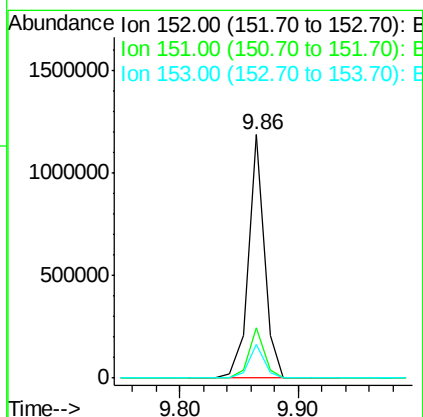
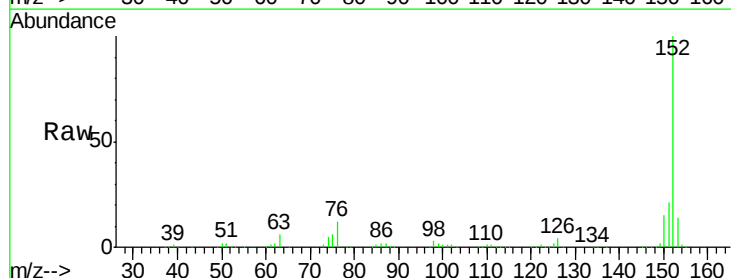
Instrument :
BNA_F
ClientSampleId :
PB88766BS

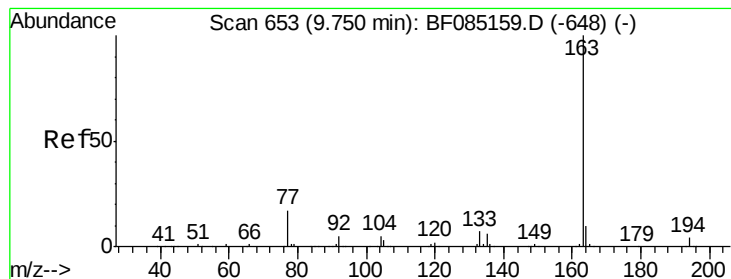
Tgt Ion: 65 Resp: 246550
Ion Ratio Lower Upper
65 100
92 77.6 55.4 83.2
138 127.1 75.7 113.5#



#48
Acenaphthylene
Concen: 40.69 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion: 152 Resp: 1115770
Ion Ratio Lower Upper
152 100
151 20.9 17.5 26.3
153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 44.33 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

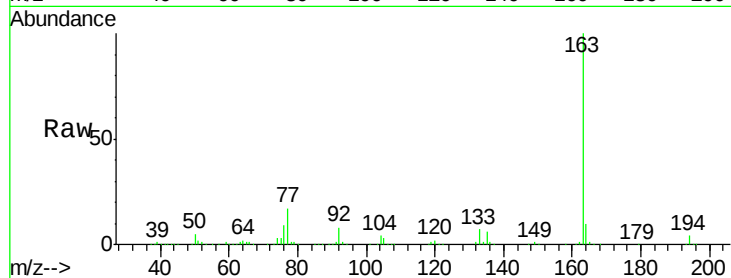
Tgt Ion:163 Resp: 920563

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

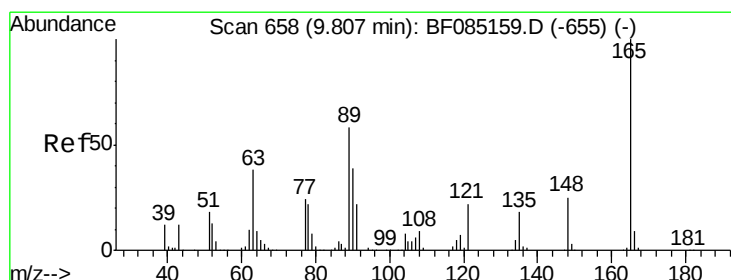
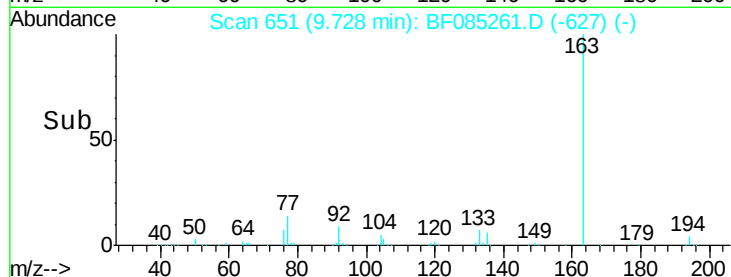
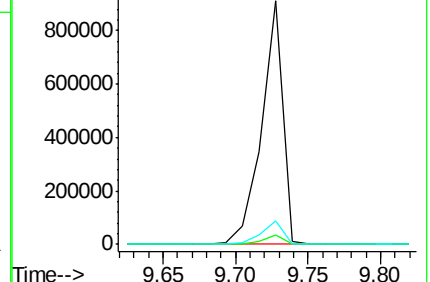
164 9.9 8.2 12.4



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: 43.39 ng

RT: 9.78 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

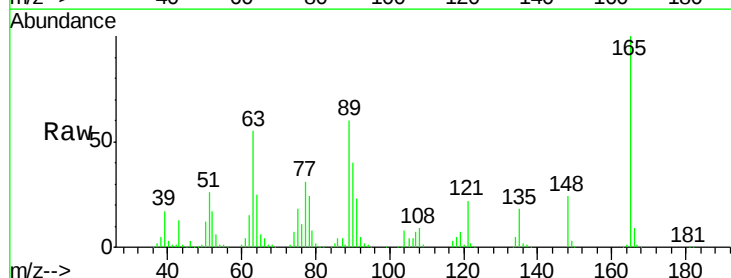
Tgt Ion:165 Resp: 192737

Ion Ratio Lower Upper

165 100

63 55.2 41.8 62.8

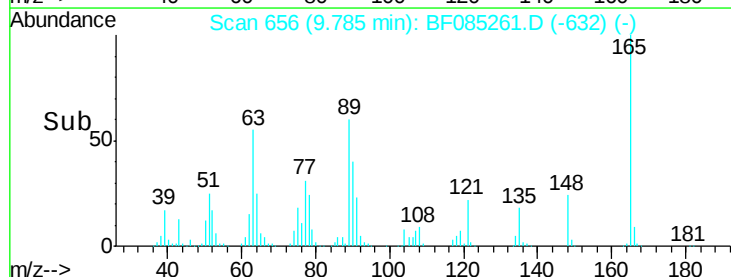
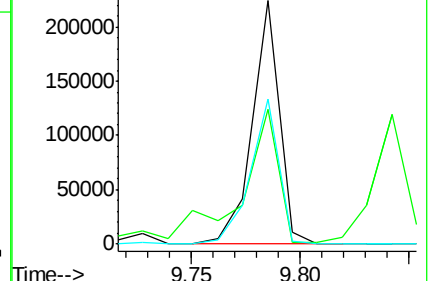
89 59.6 46.7 70.1



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: 46.46 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

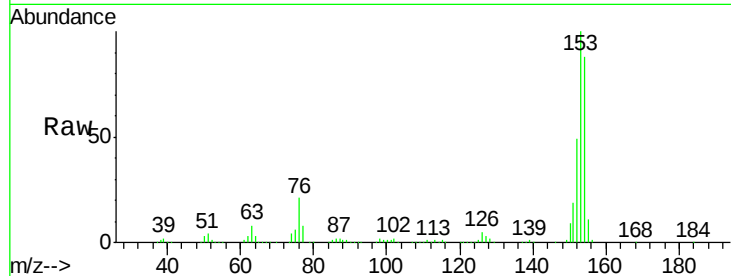
Tgt Ion:154 Resp: 773464

Ion Ratio Lower Upper

154 100

153 114.0 89.8 134.8

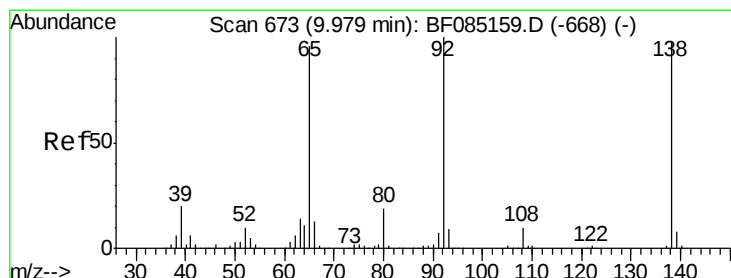
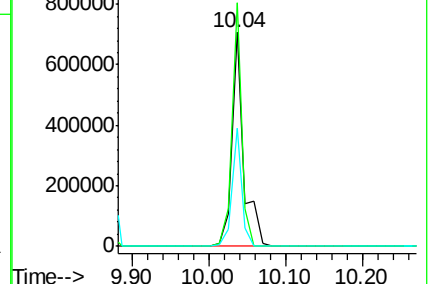
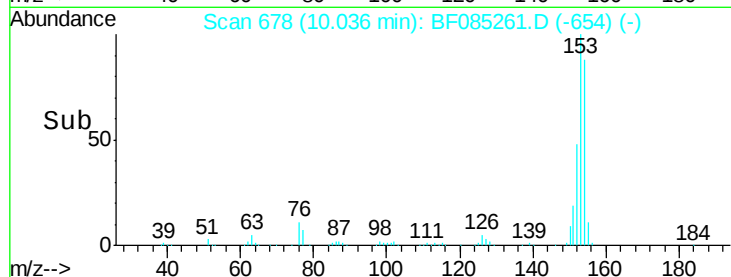
152 55.4 44.6 66.8



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: 18.80 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

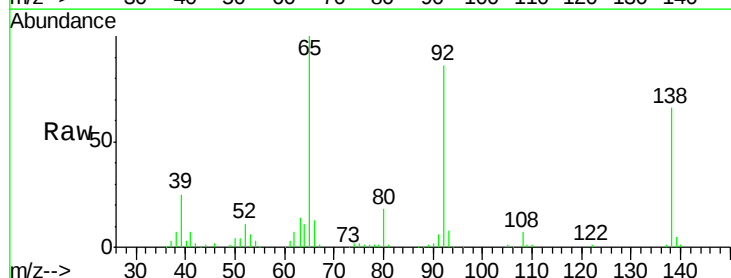
Tgt Ion:138 Resp: 99919

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.6

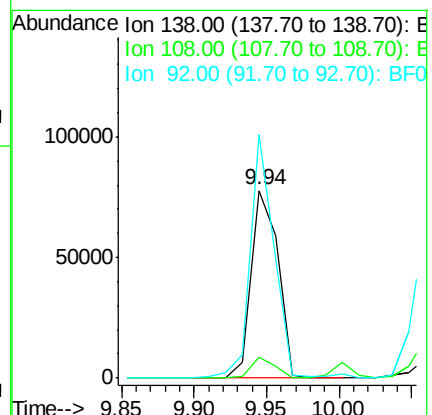
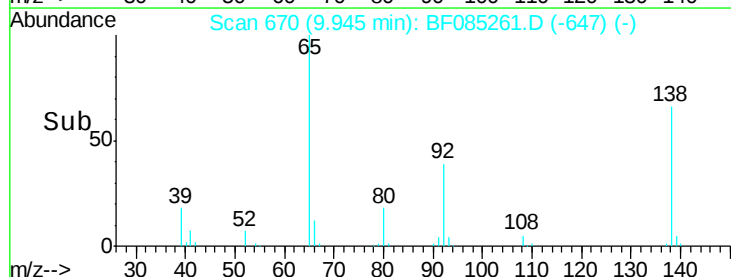
92 129.9 81.3 121.9#

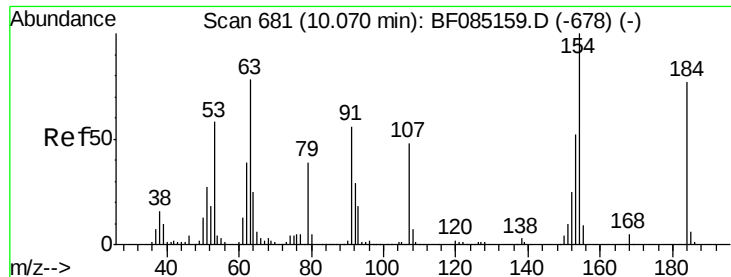


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

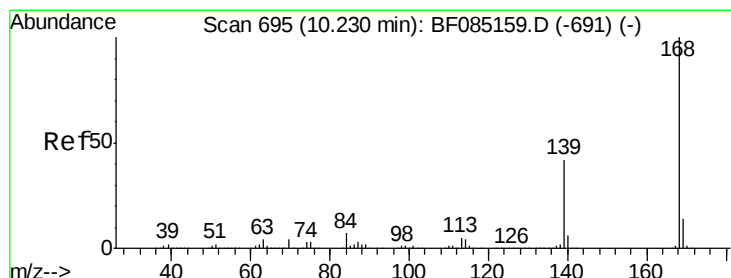
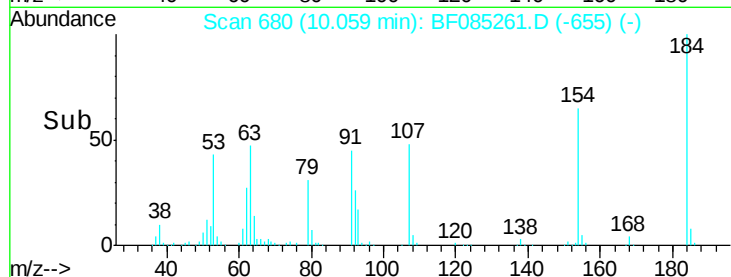
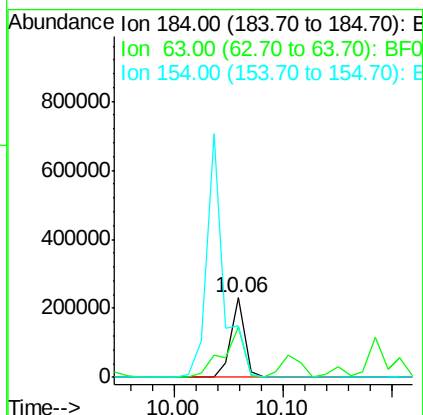
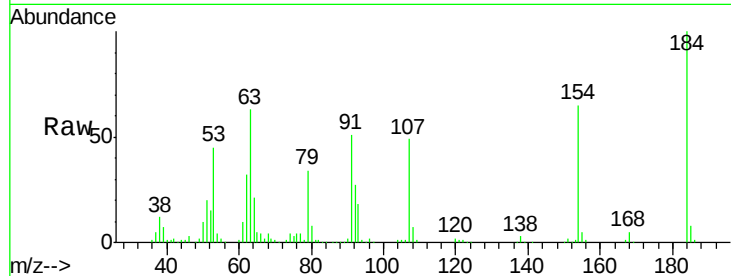




#53
 2,4-Dinitrophenol
 Concen: 89.16 ng
 RT: 10.06 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

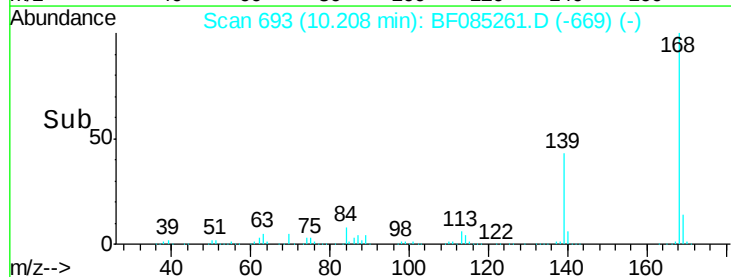
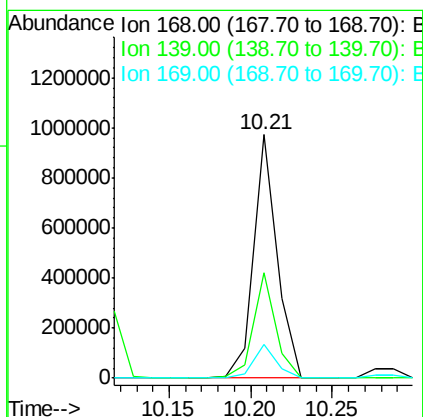
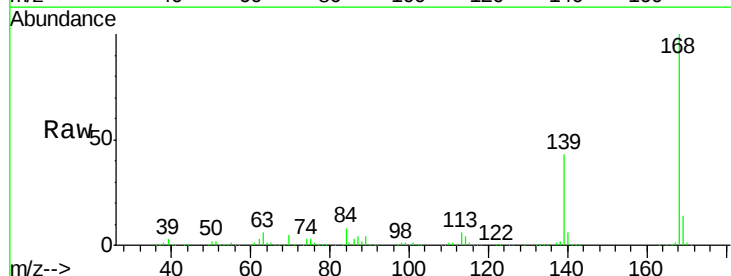
Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

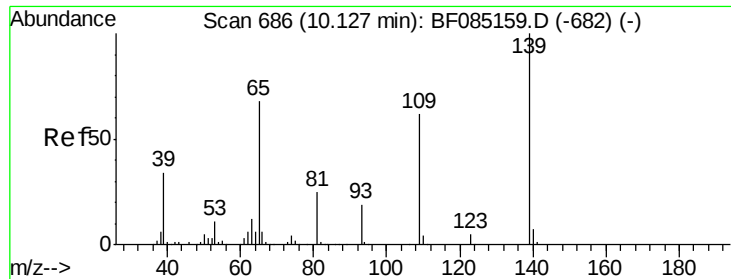
Tgt Ion:184 Resp: 203306
 Ion Ratio Lower Upper
 184 100
 63 63.1 82.2 123.4#
 154 65.3 108.9 163.3#



#54
 Dibenzofuran
 Concen: 44.68 ng
 RT: 10.21 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:168 Resp: 974622
 Ion Ratio Lower Upper
 168 100
 139 43.3 33.6 50.4
 169 13.8 11.2 16.8

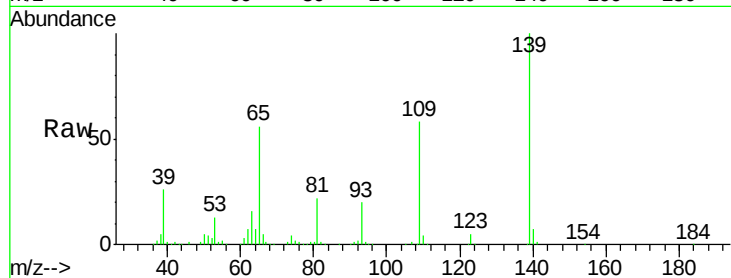




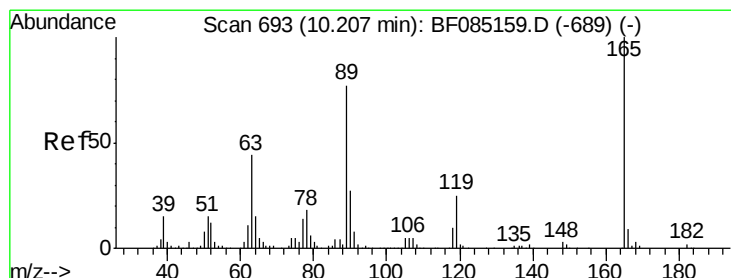
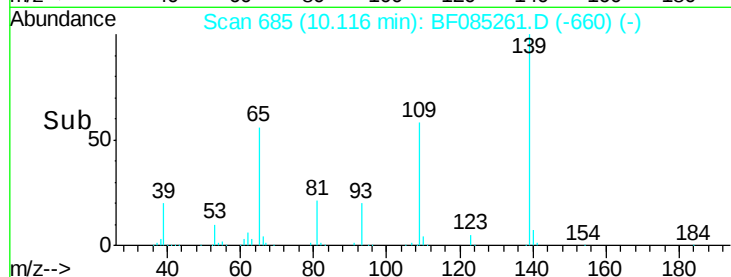
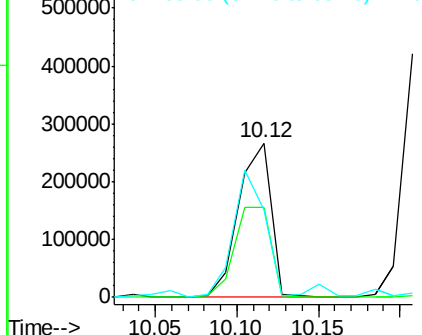
#55
4-Nitrophenol
Concen: 88.05 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion:139 Resp: 367759
Ion Ratio Lower Upper
139 100
109 58.4 41.9 81.9
65 56.4 48.3 88.3

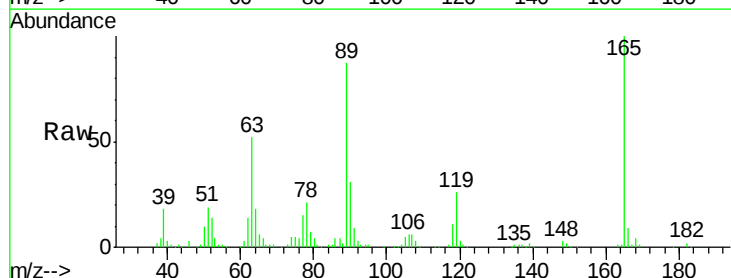


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

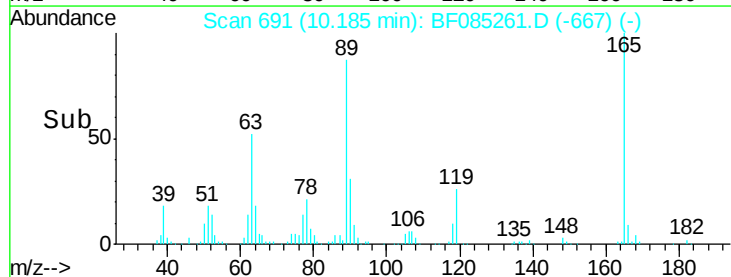
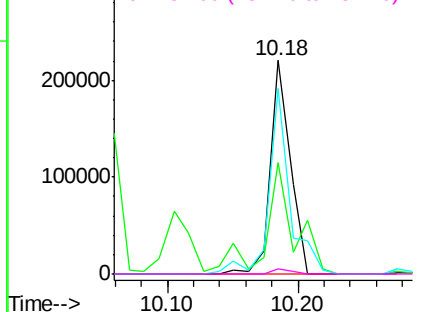


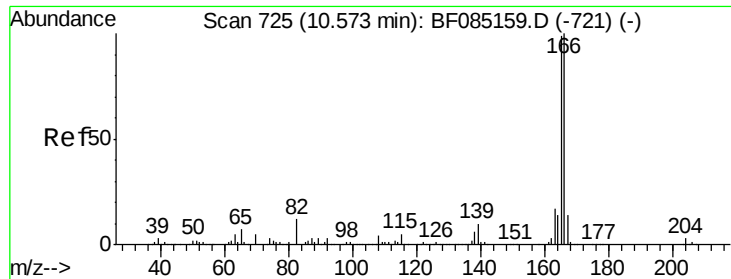
#56
2,4-Dinitrotoluene
Concen: 41.45 ng
RT: 10.18 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion:165 Resp: 235623
Ion Ratio Lower Upper
165 100
63 52.4 35.4 53.0
89 87.0 61.9 92.9
182 2.3 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

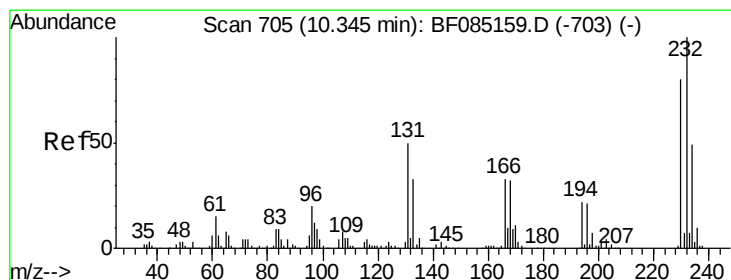
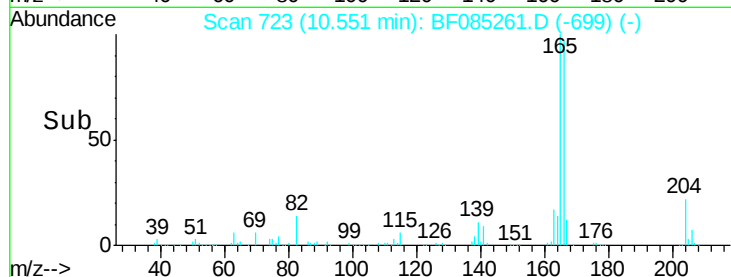
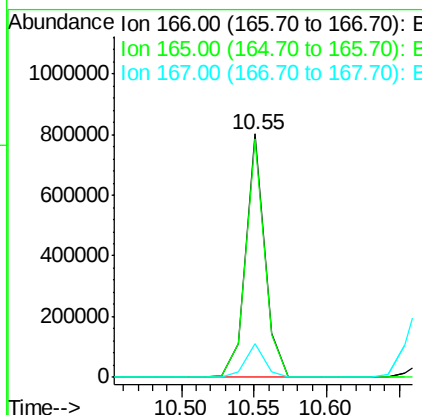
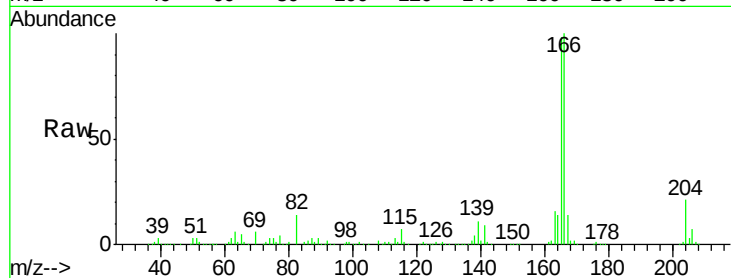




#57
 Fluorene
 Concen: 42.71 ng
 RT: 10.55 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

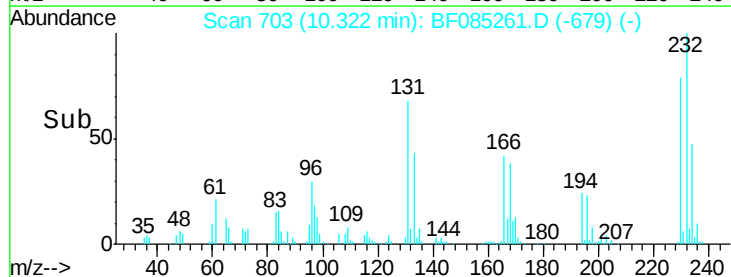
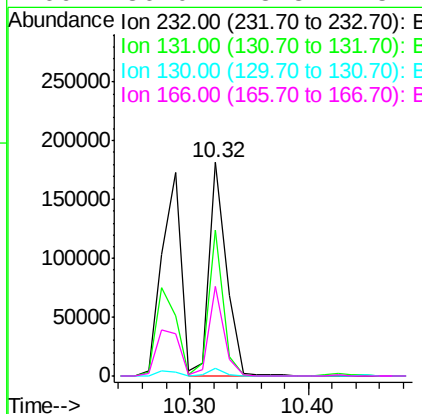
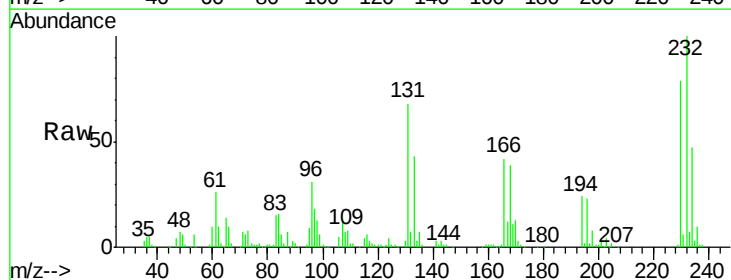
Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

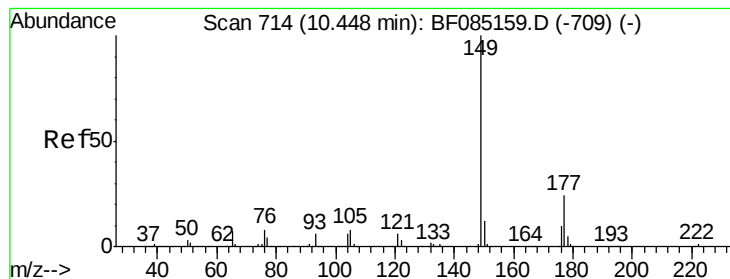
Tgt Ion:166 Resp: 731732
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.4 119.0
 167 13.9 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.70 ng
 RT: 10.32 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:232 Resp: 182998
 Ion Ratio Lower Upper
 232 100
 131 58.0 46.0 69.0
 130 2.8 2.2 3.4
 166 36.0 28.8 43.2





#59

Diethylphthalate

Concen: 43.07 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

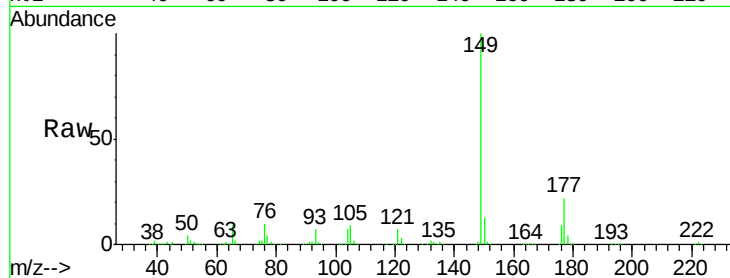
Tgt Ion:149 Resp: 867806

Ion Ratio Lower Upper

149 100

177 22.2 19.2 28.8

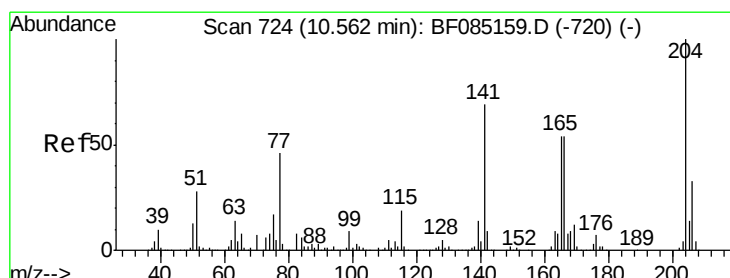
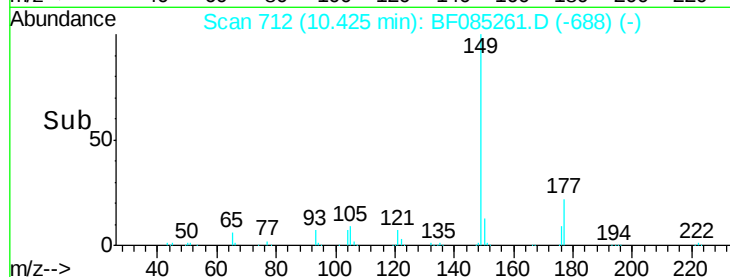
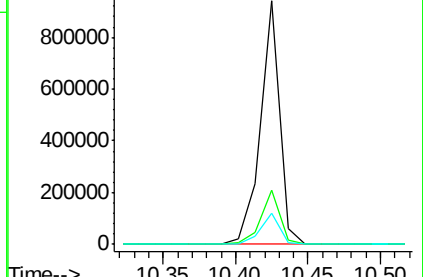
150 12.6 9.9 14.9



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: 40.45 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

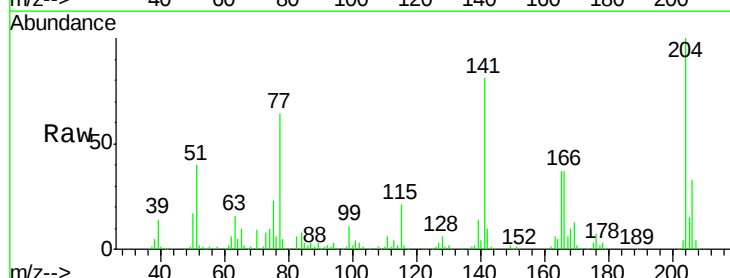
Tgt Ion:204 Resp: 337254

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

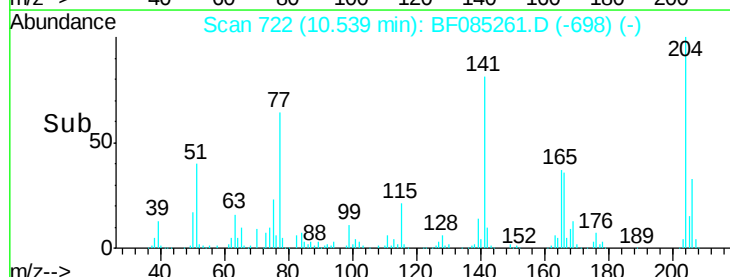
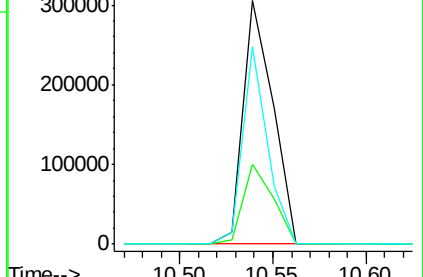
141 81.4 55.4 83.2

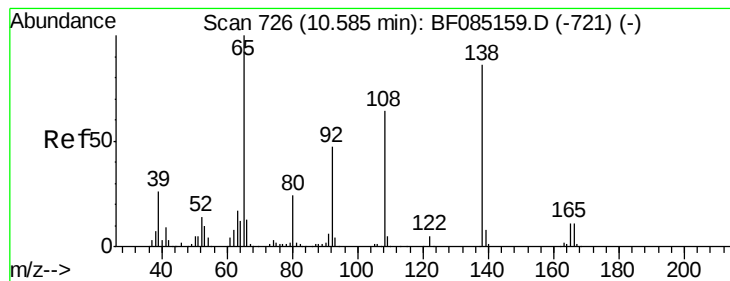


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

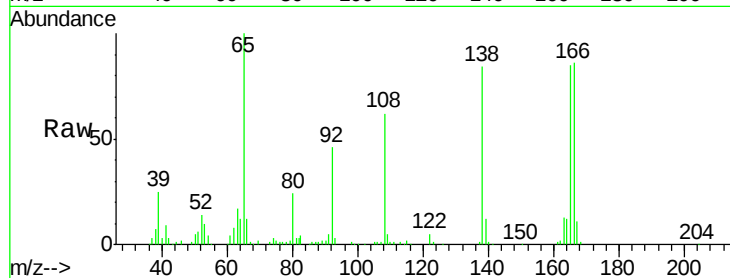




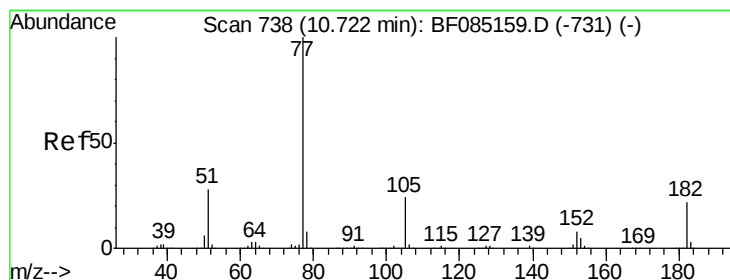
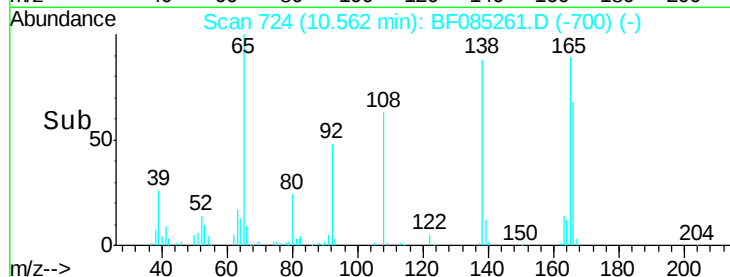
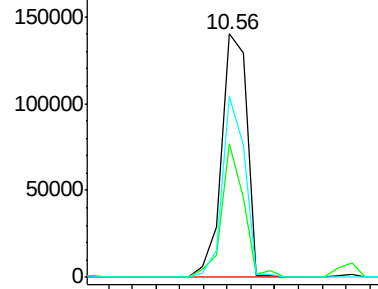
#61
4-Nitroaniline
Concen: 42.53 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion:138 Resp: 211401
Ion Ratio Lower Upper
138 100
92 55.1 34.2 74.2
108 74.2 53.9 93.9

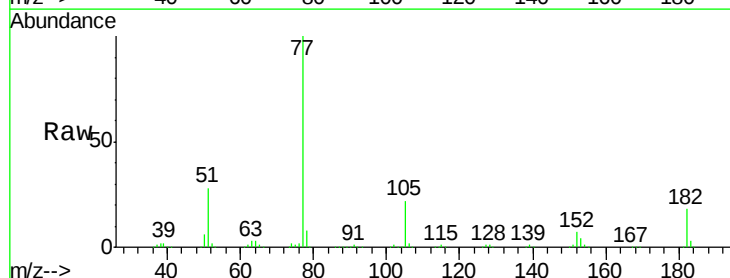


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

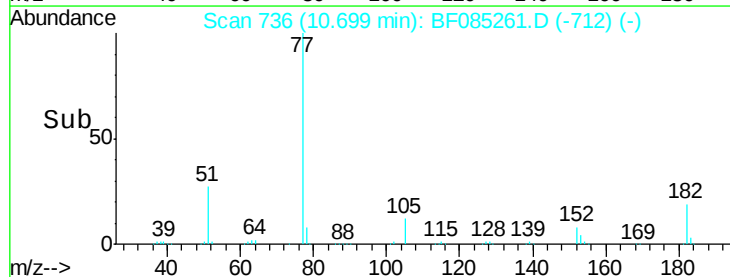
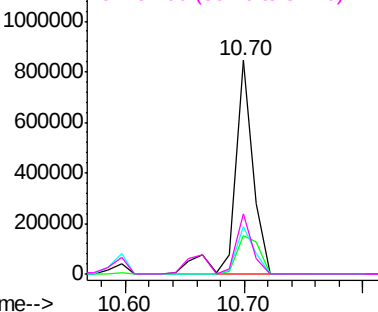


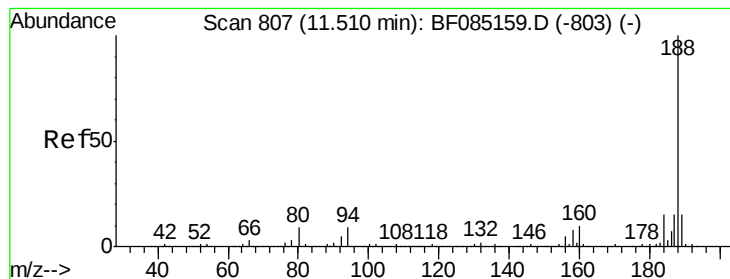
#62
Azobenzene
Concen: 46.05 ng
RT: 10.70 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion: 77 Resp: 914245
Ion Ratio Lower Upper
77 100
182 17.8 2.1 42.1
105 21.9 3.8 43.8
51 28.1 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: 11.49 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

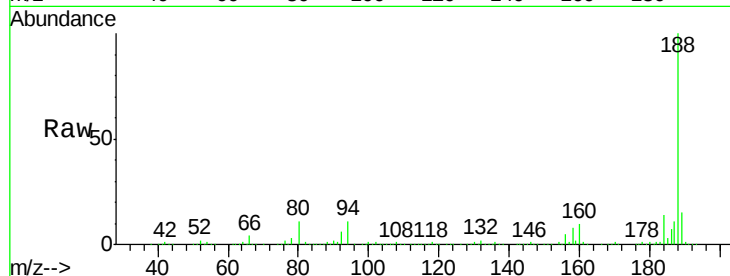
Tgt Ion:188 Resp: 529082

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

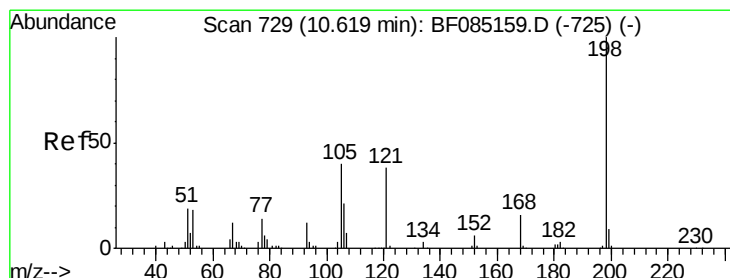
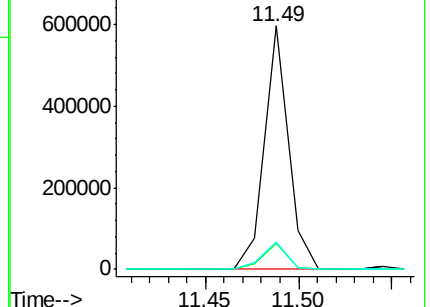
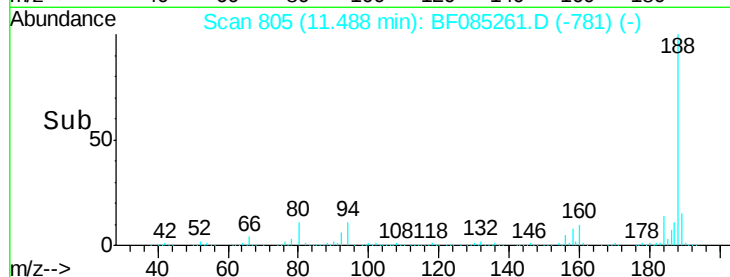
80 11.2 7.4 11.0#



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: 45.49 ng

RT: 10.60 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

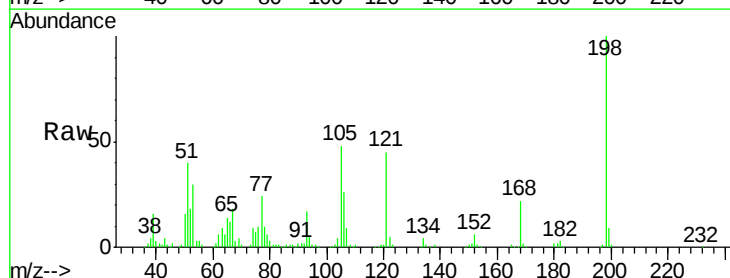
Tgt Ion:198 Resp: 144093

Ion Ratio Lower Upper

198 100

51 39.9 9.5 49.5

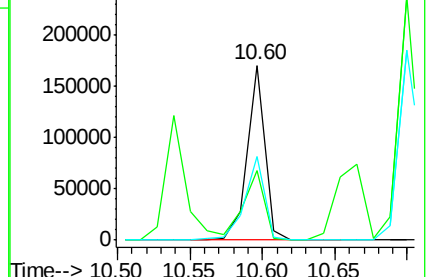
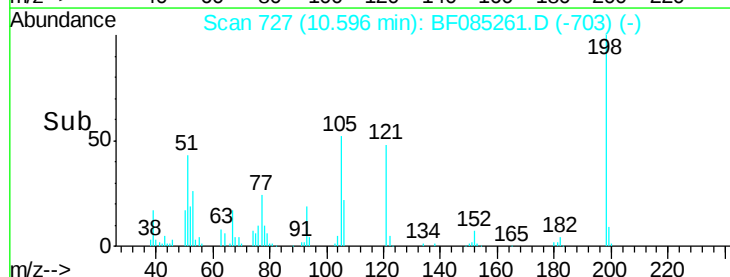
105 48.0 20.5 60.5

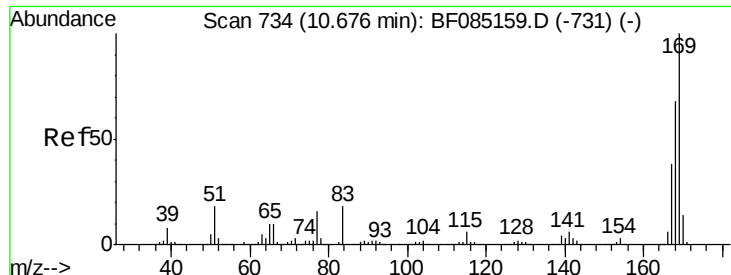


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

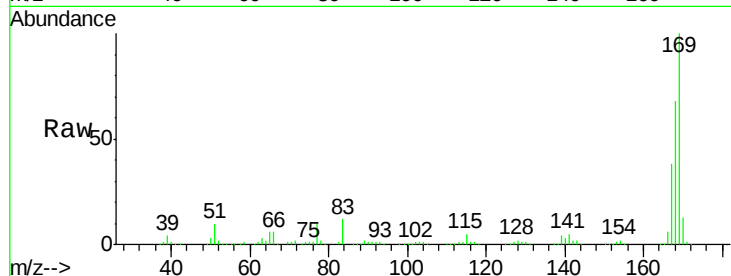




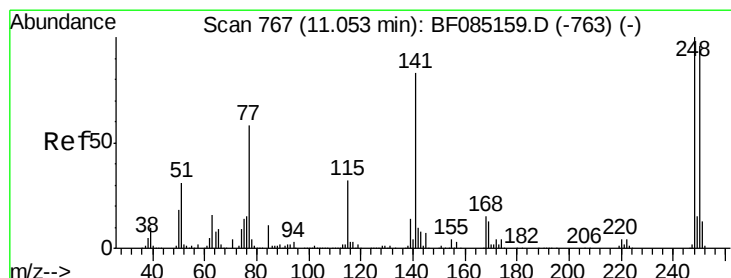
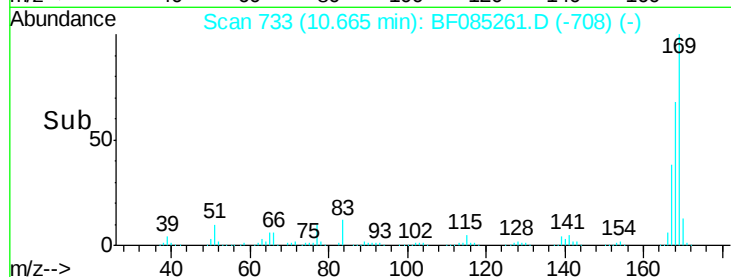
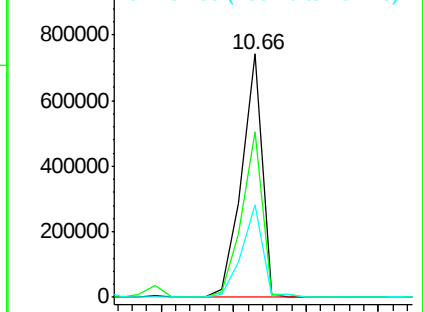
#65
 n-Nitrosodiphenylamine
 Concen: 44.37 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion:169 Resp: 730188
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.8 82.2
 167 37.9 30.3 45.5

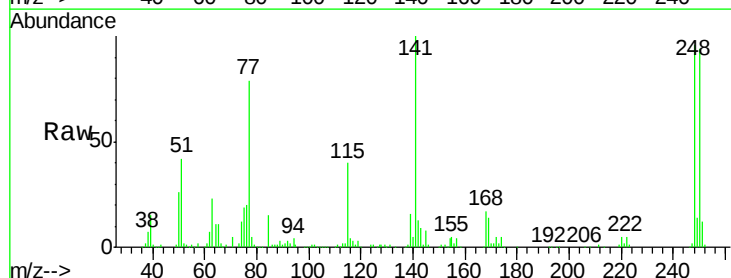


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

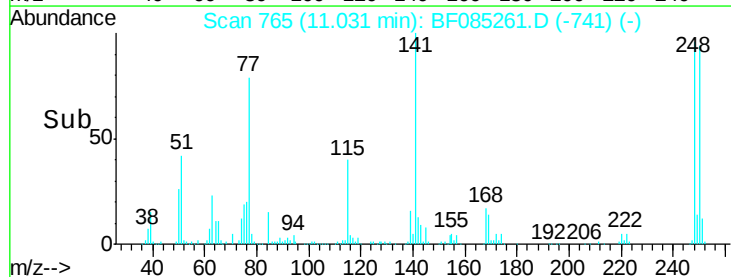
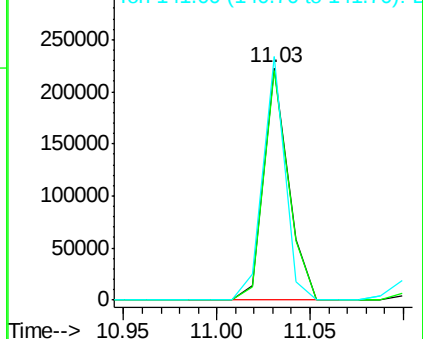


#66
 4-Bromophenyl-phenylether
 Concen: 39.54 ng
 RT: 11.03 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:248 Resp: 203108
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.1 115.7
 141 104.7 66.2 99.2#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

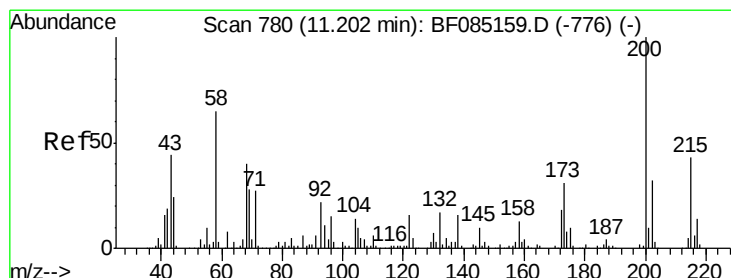
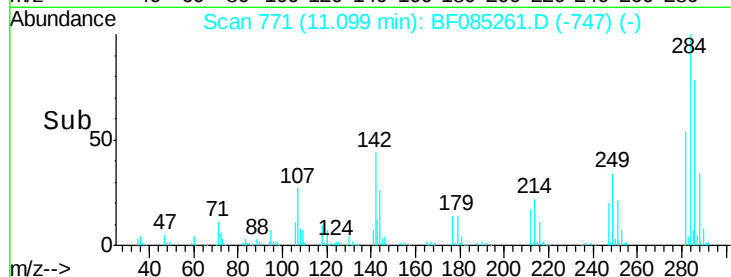
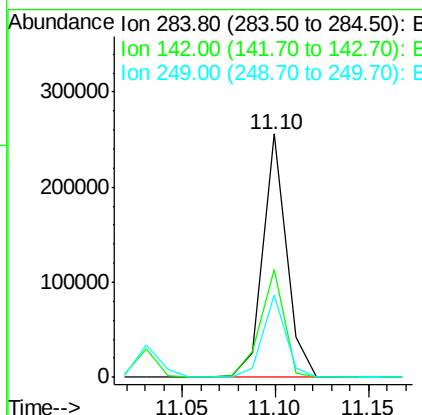
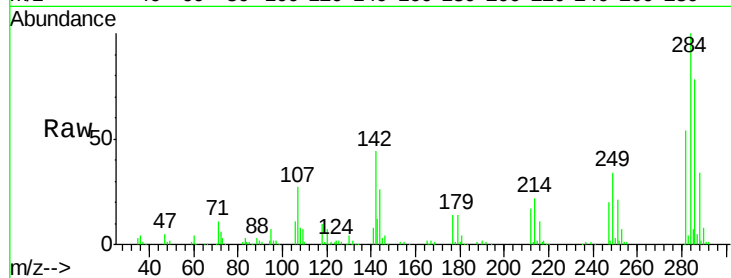




#67
Hexachlorobenzene
Concen: 40.78 ng
RT: 11.10 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

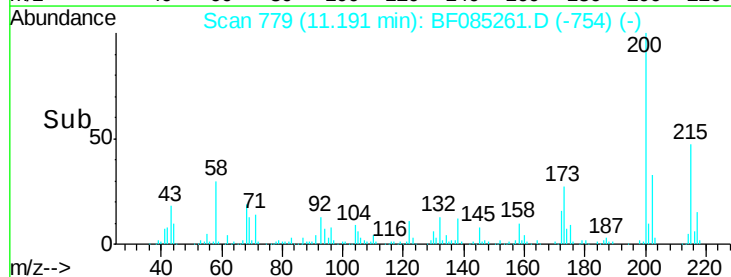
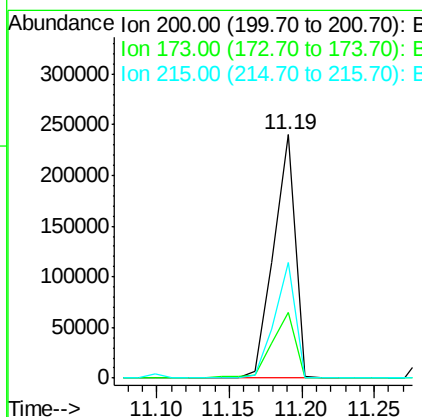
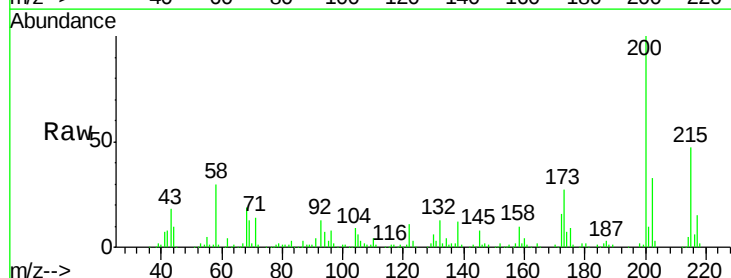
Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion:284 Resp: 223479
Ion Ratio Lower Upper
284 100
142 44.1 24.9 37.3#
249 33.7 25.0 37.4



#68
Atrazine
Concen: 54.57 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion:200 Resp: 249757
Ion Ratio Lower Upper
200 100
173 27.2 10.5 50.5
215 47.4 23.4 63.4

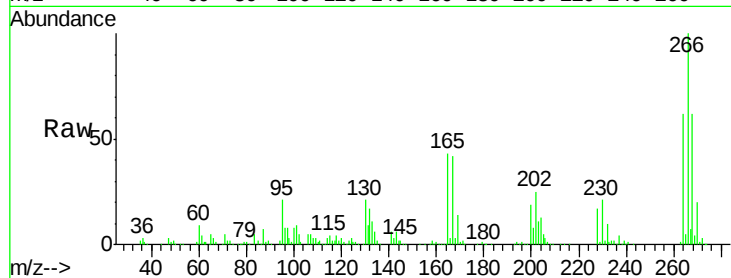




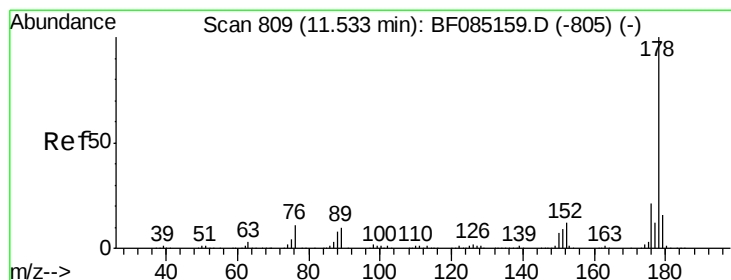
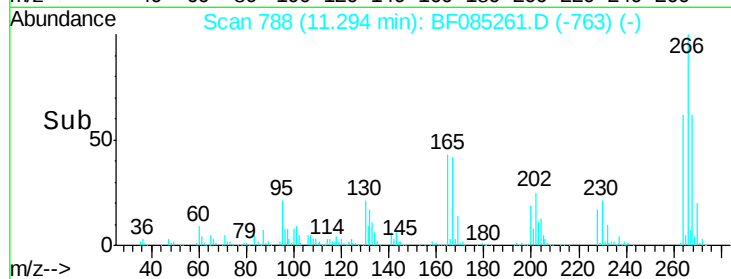
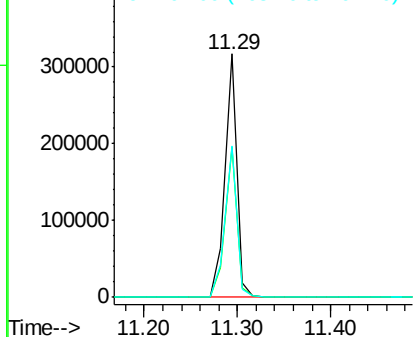
#69
 Pentachlorophenol
 Concen: 91.96 ng
 RT: 11.29 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion:266 Resp: 279755
 Ion Ratio Lower Upper
 266 100
 268 61.9 50.0 75.0
 264 62.4 51.4 77.2

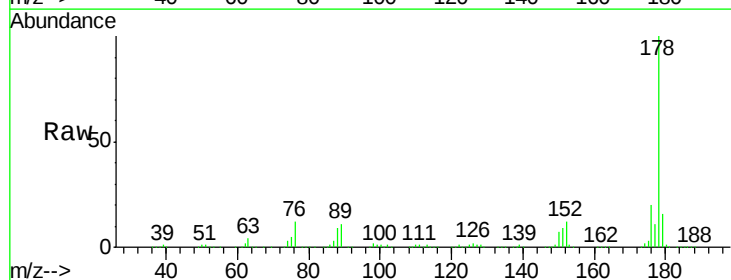


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

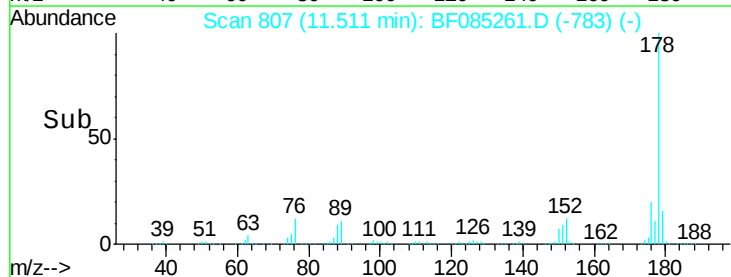
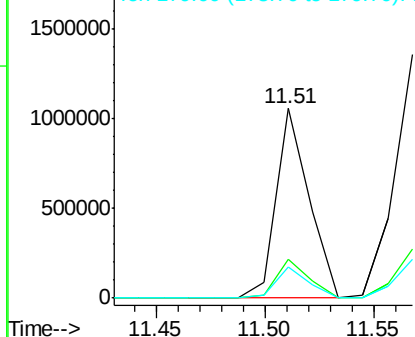


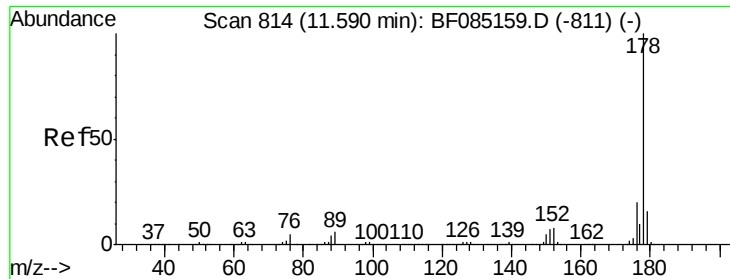
#70
 Phenanthrene
 Concen: 40.28 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:178 Resp: 1116817
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.8 25.2
 179 16.3 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

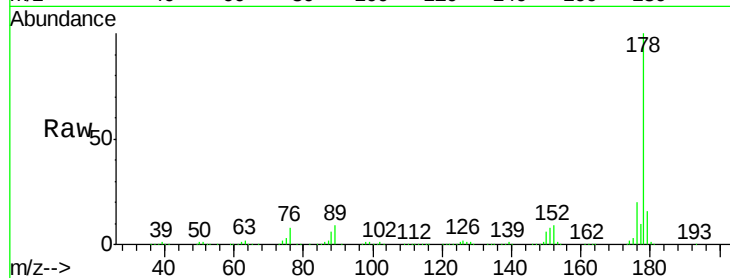




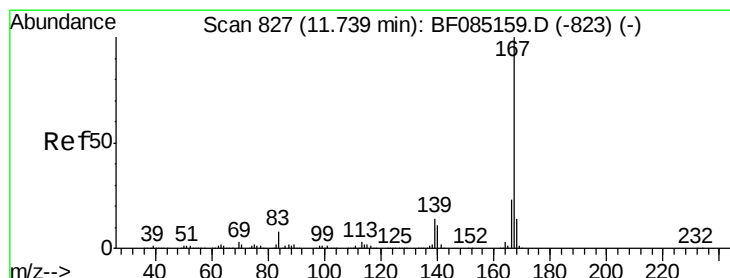
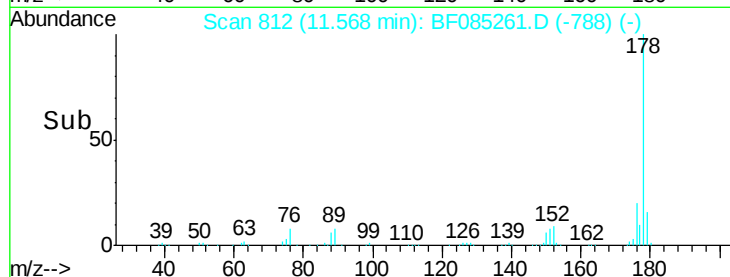
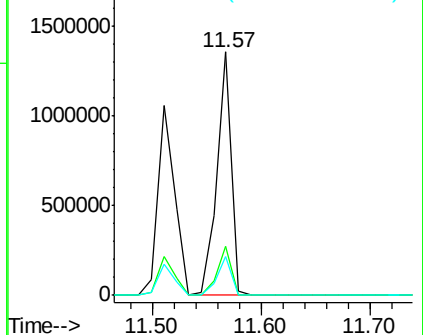
#71
 Anthracene
 Concen: 43.00 ng
 RT: 11.57 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion:178 Resp: 1265632
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.0 12.5 18.7

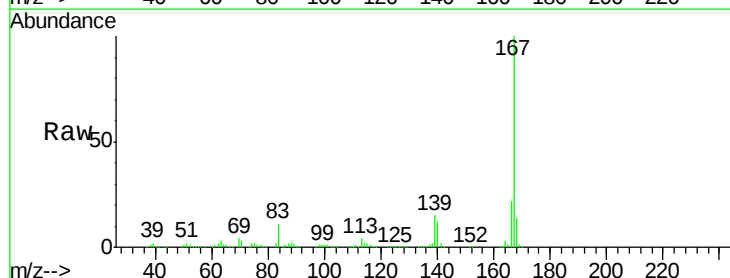


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

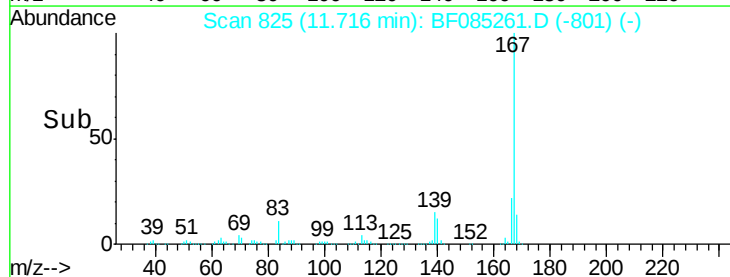
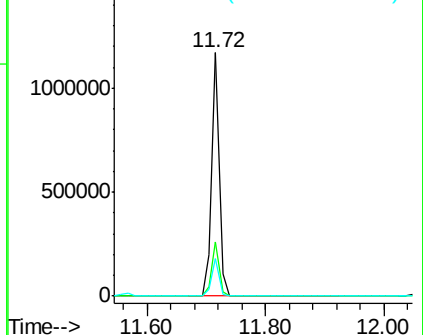


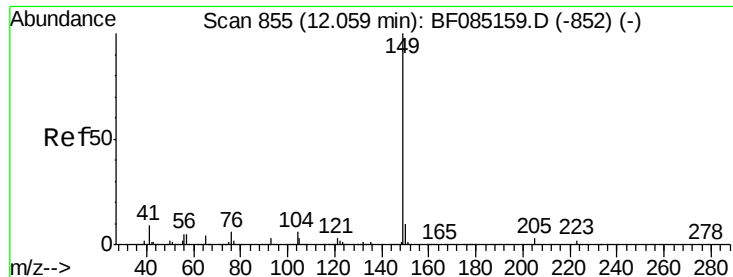
#72
 Carbazole
 Concen: 39.68 ng
 RT: 11.72 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:167 Resp: 1024195
 Ion Ratio Lower Upper
 167 100
 166 22.3 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: 41.92 ng

RT: 12.05 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

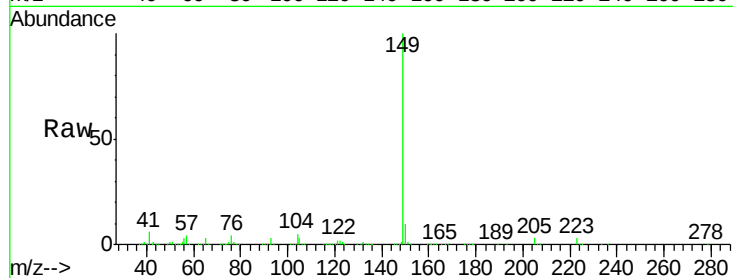
Tgt Ion:149 Resp: 1367551

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

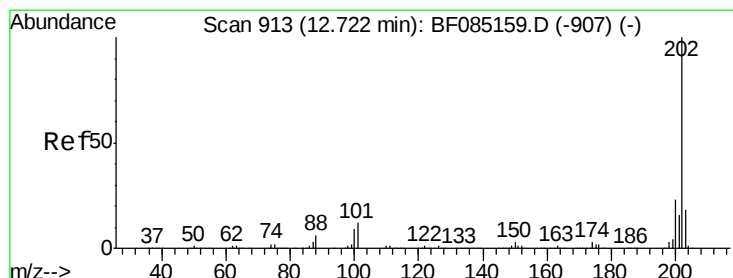
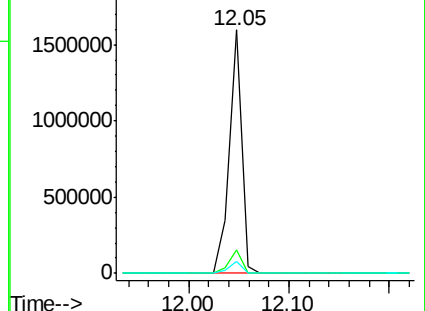
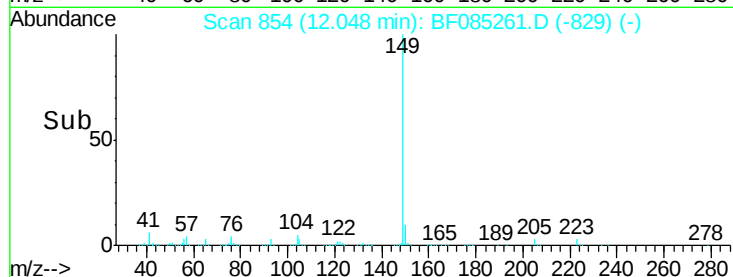
104 4.9 4.7 7.1



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: 39.92 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

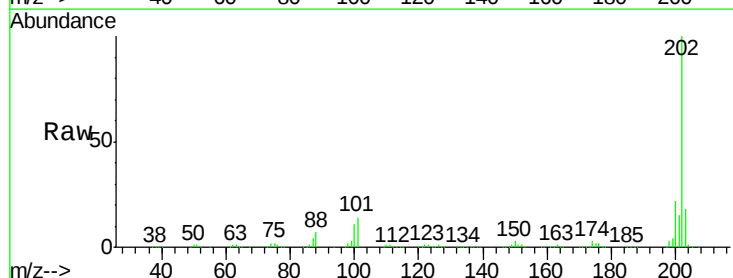
Tgt Ion:202 Resp: 1110851

Ion Ratio Lower Upper

202 100

101 14.0 0.0 31.8

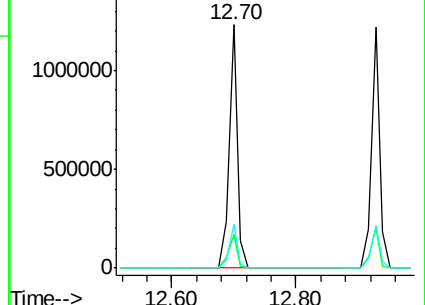
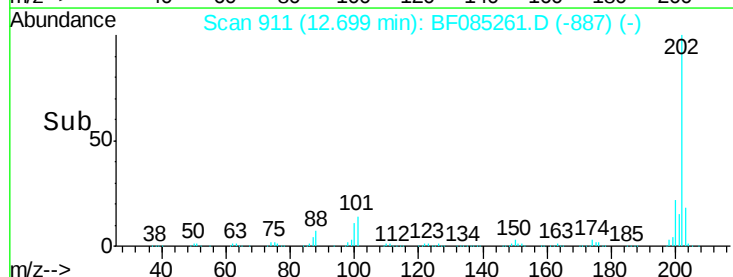
203 18.1 0.0 38.4

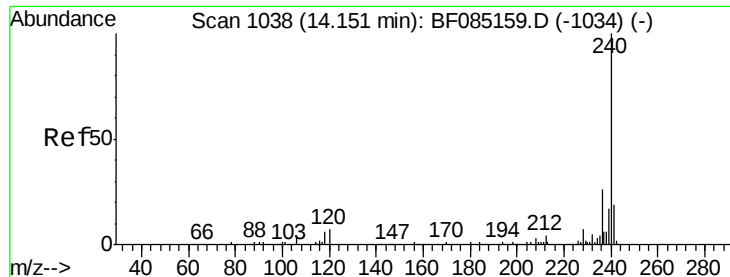


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

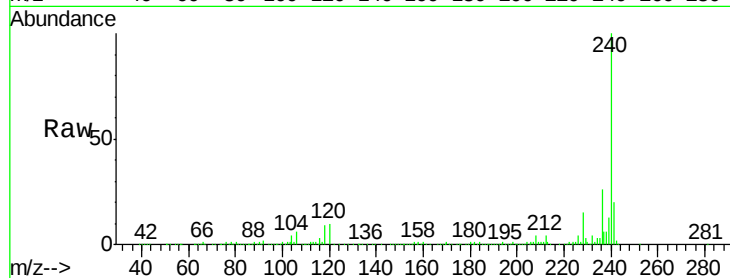
Tgt Ion:240 Resp: 375043

Ion Ratio Lower Upper

240 100

120 9.8 5.3 7.9#

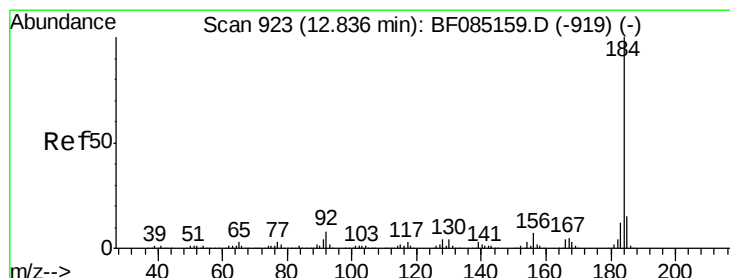
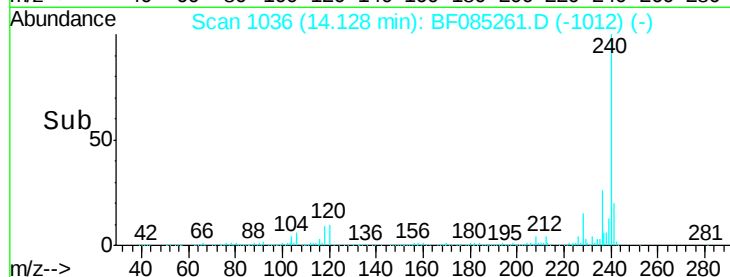
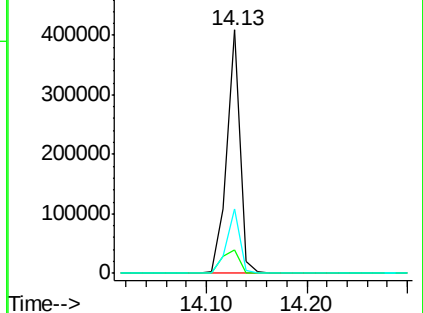
236 26.4 20.7 31.1



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: 36.12 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

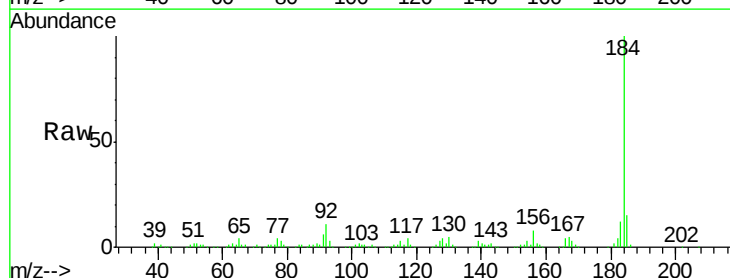
Tgt Ion:184 Resp: 403159

Ion Ratio Lower Upper

184 100

185 14.9 12.4 18.6

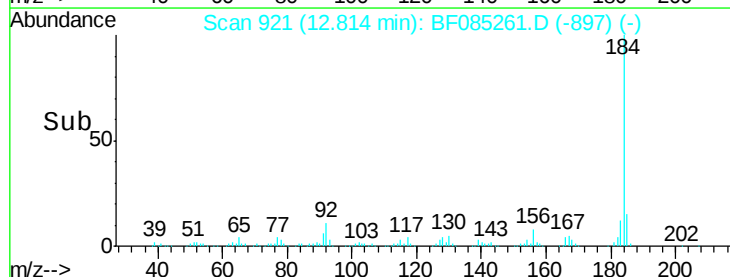
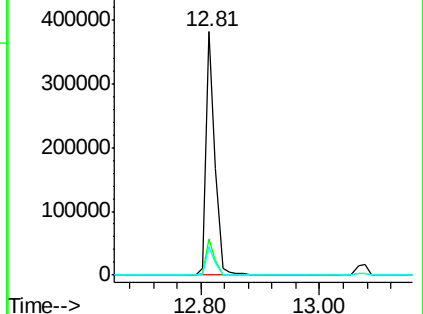
183 11.6 9.4 14.2

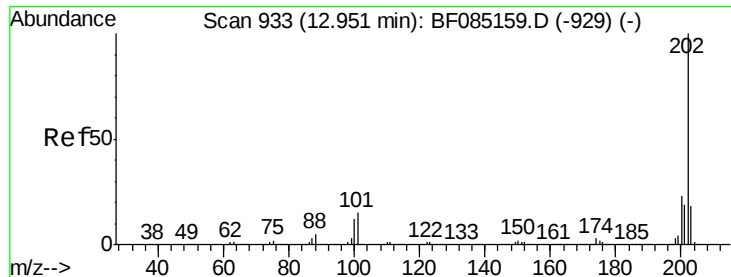


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

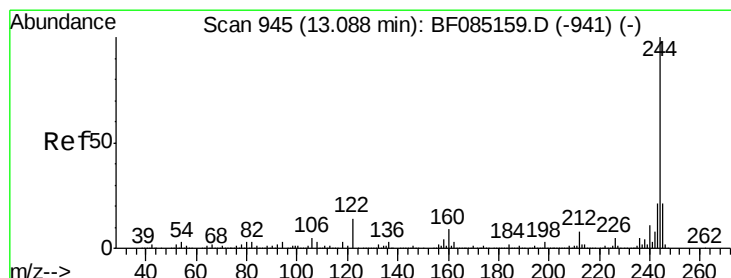
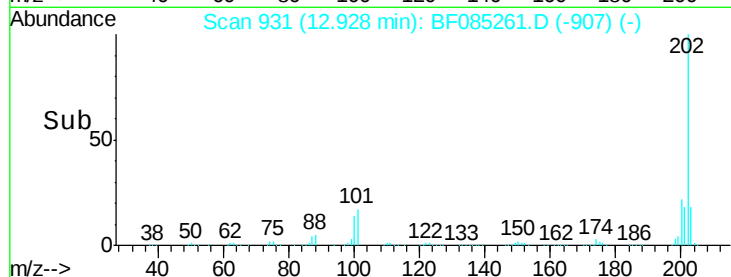
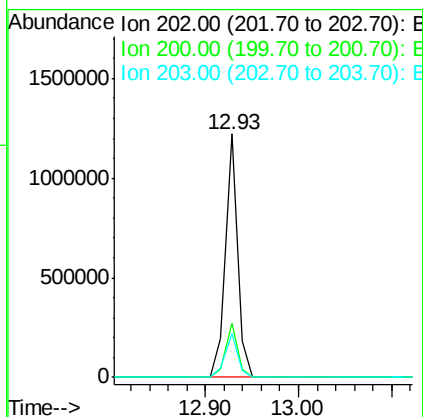
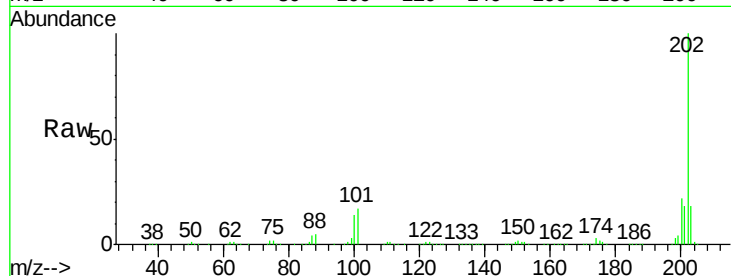




#77
Pyrene
 Concen: 39.29 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

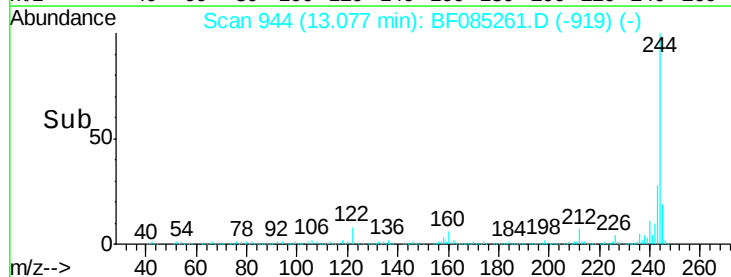
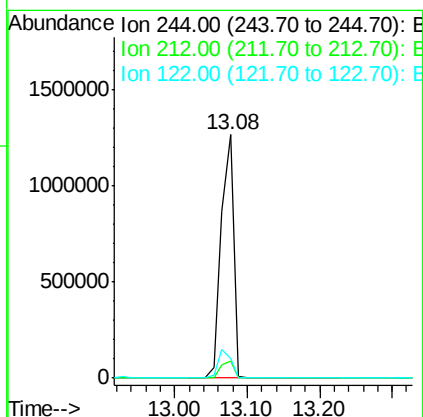
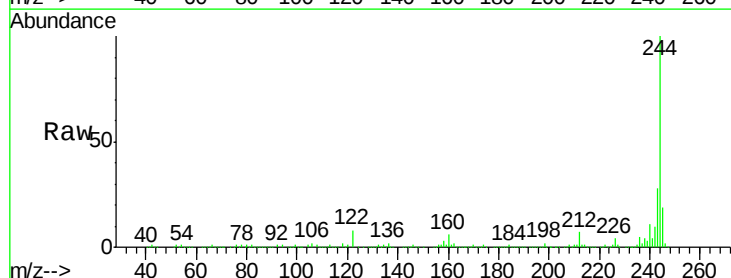
Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

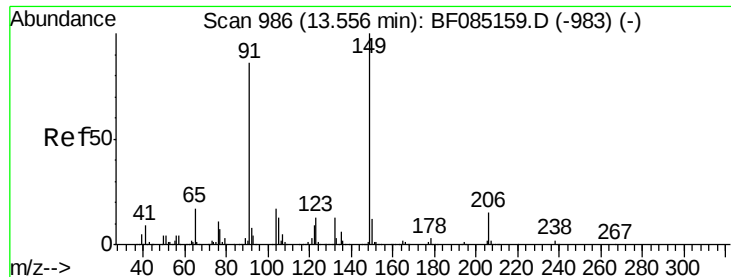
Tgt Ion:202 Resp: 1108993
 Ion Ratio Lower Upper
 202 100
 200 22.1 18.2 27.4
 203 17.8 14.7 22.1



#78
Terphenyl-d14
 Concen: 93.94 ng
 RT: 13.08 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:244 Resp: 1517744
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.4 9.6
 122 8.0 11.4 17.2#





#79

Butylbenzylphthalate

Concen: 44.00 ng

RT: 13.55 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

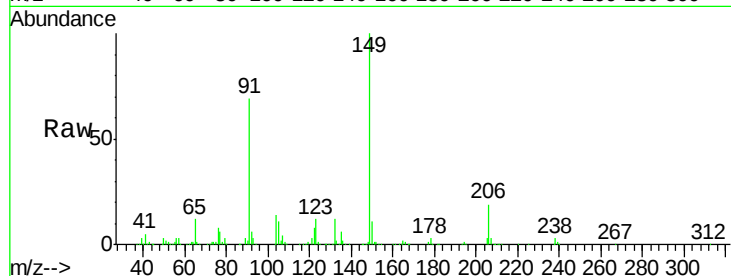
Tgt Ion:149 Resp: 563573

Ion Ratio Lower Upper

149 100

91 69.3 69.0 103.4

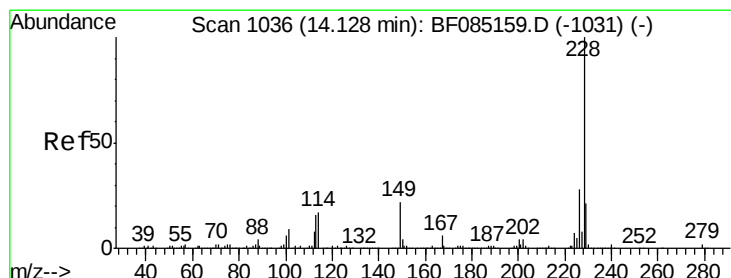
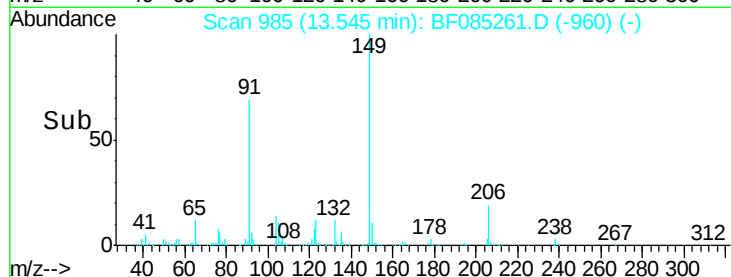
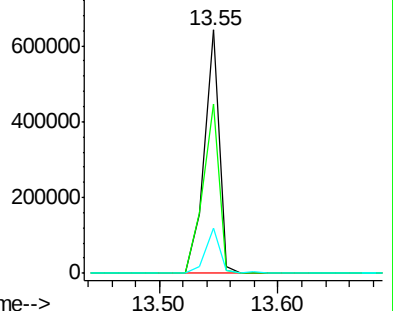
206 18.7 12.3 18.5#



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: 41.14 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

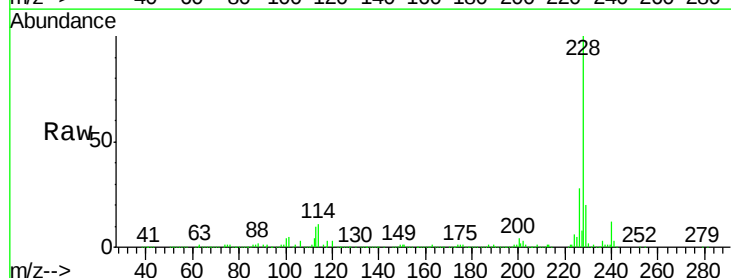
Tgt Ion:228 Resp: 923558

Ion Ratio Lower Upper

228 100

226 28.3 22.8 34.2

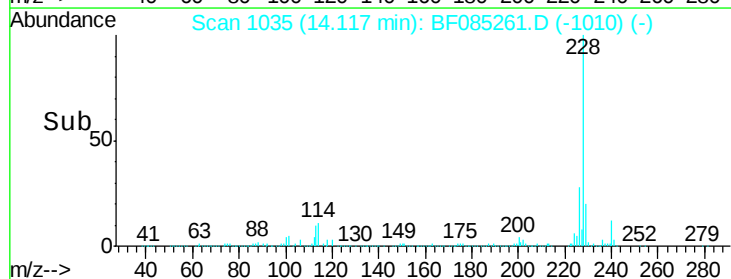
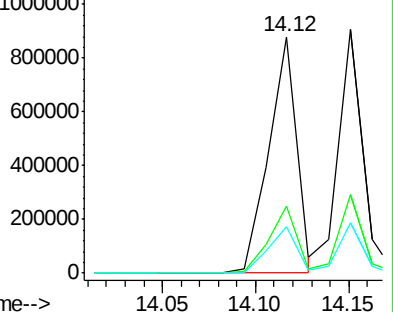
229 20.0 16.6 24.8



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

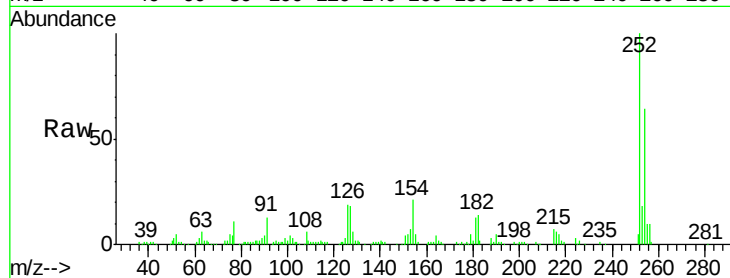




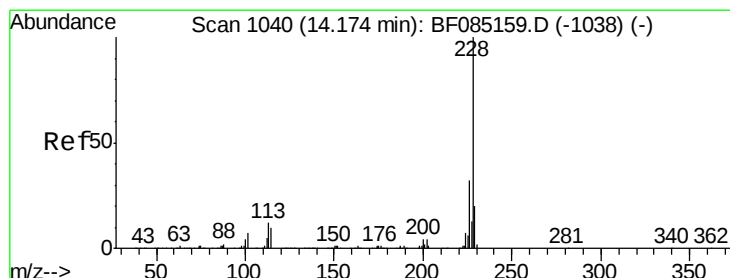
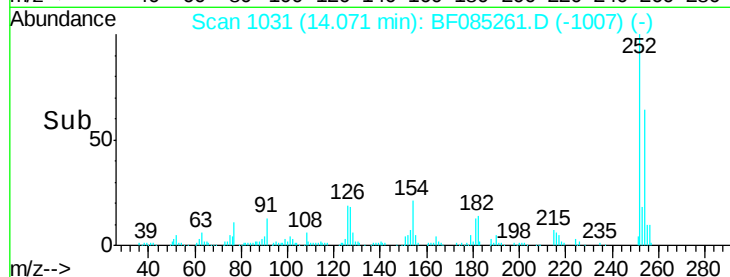
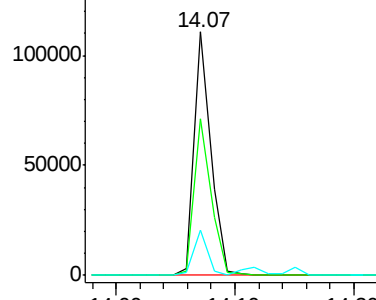
#81
 3,3'-Dichlorobenzidine
 Concen: 15.19 ng
 RT: 14.07 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion:252 Resp: 107601
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.4 77.0
 126 18.6 12.9 19.3

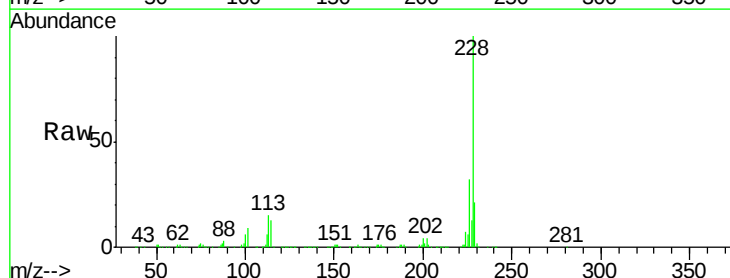


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

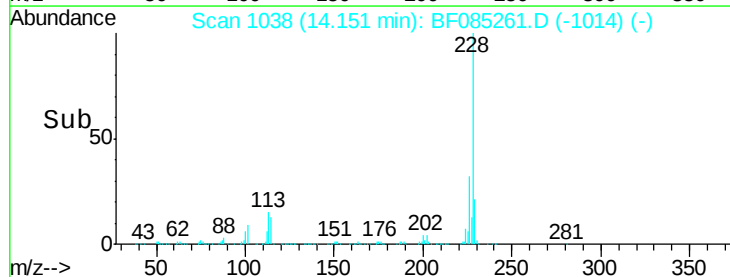
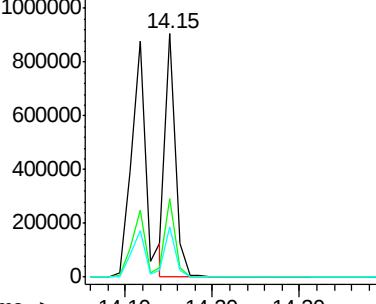


#82
 Chrysene
 Concen: 34.86 ng
 RT: 14.15 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion:228 Resp: 723079
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.2 37.8
 229 20.6 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.01 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

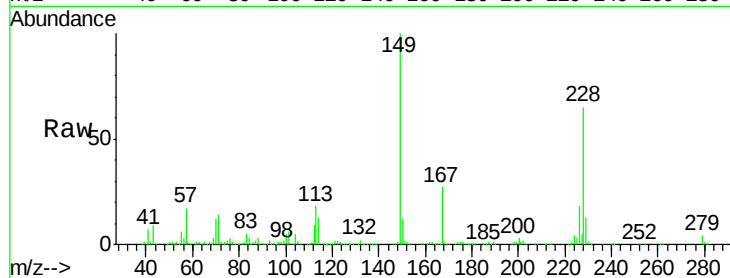
Tgt Ion:149 Resp: 691222

Ion Ratio Lower Upper

149 100

167 27.2 20.3 30.5

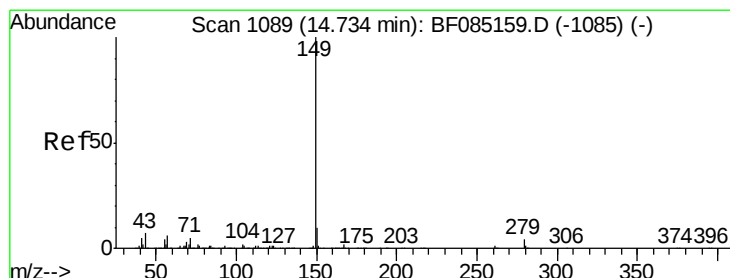
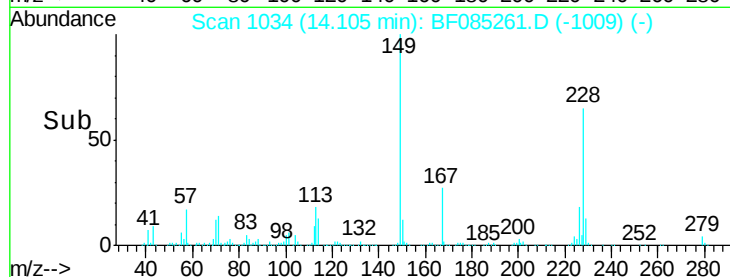
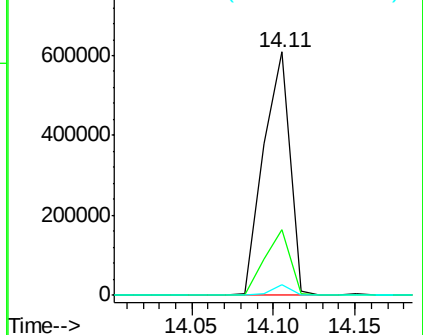
279 4.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.29 ng

RT: 14.71 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

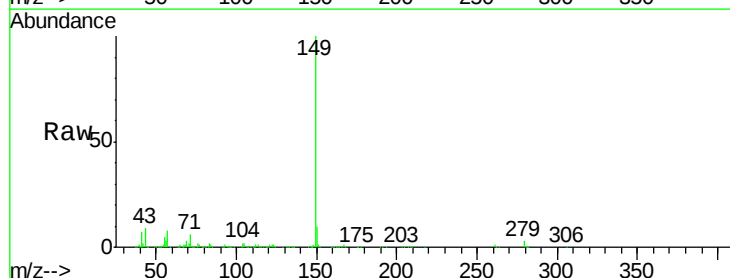
Tgt Ion:149 Resp: 1085627

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

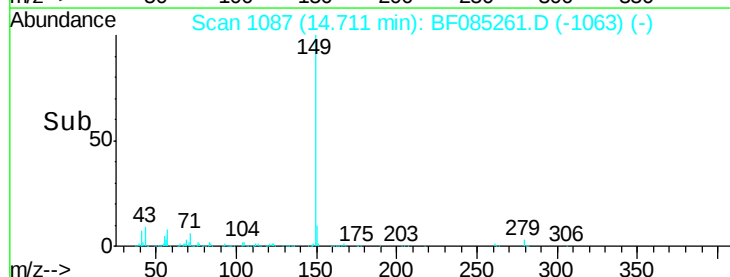
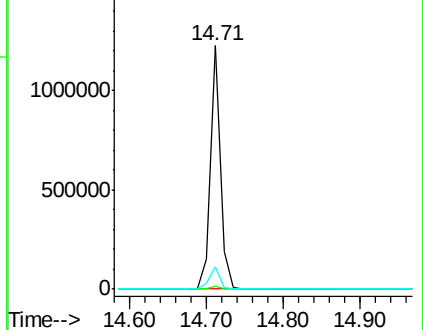
43 9.3 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

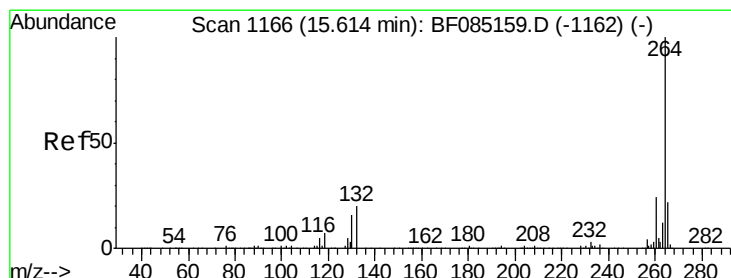
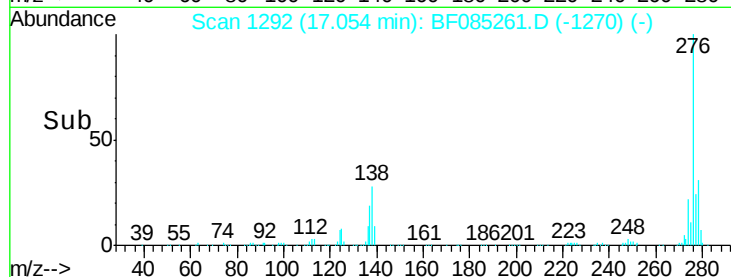
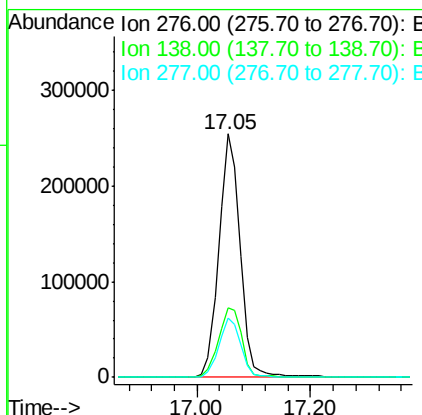
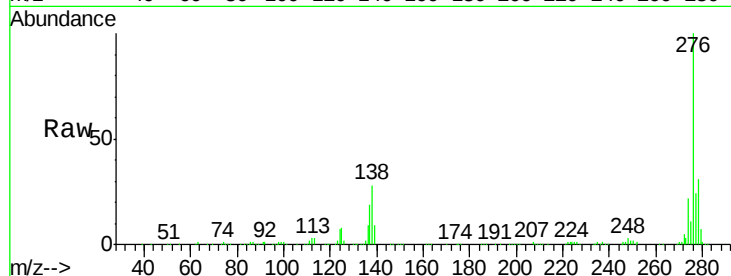




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.05 ng
 RT: 17.05 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

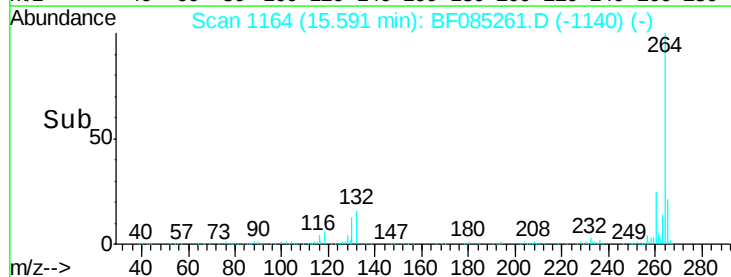
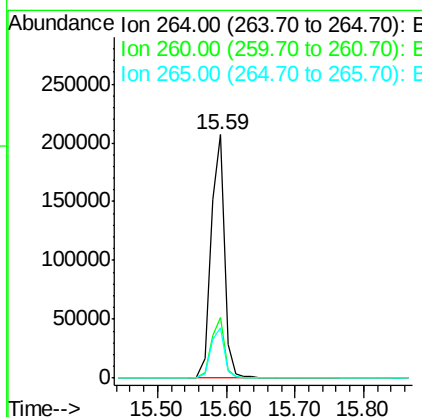
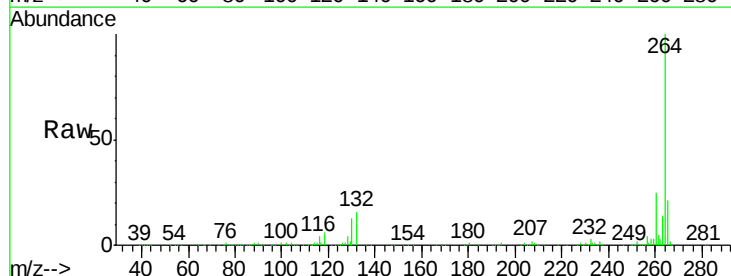
Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

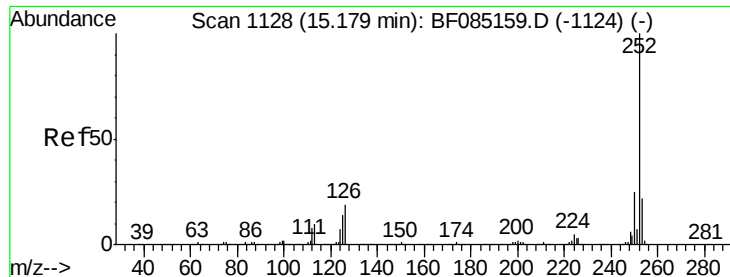
Tgt Ion: 276 Resp: 664427
 Ion Ratio Lower Upper
 276 100
 138 31.4 26.4 39.6
 277 25.1 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion: 264 Resp: 284623
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 20.7 17.3 25.9

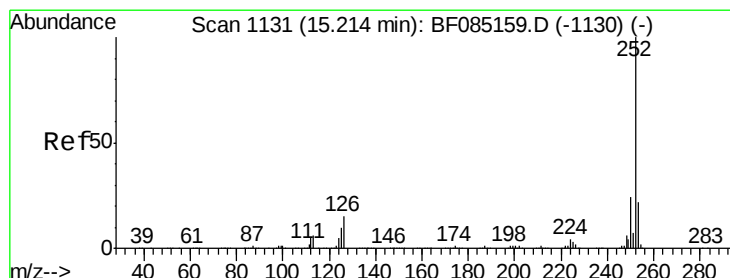
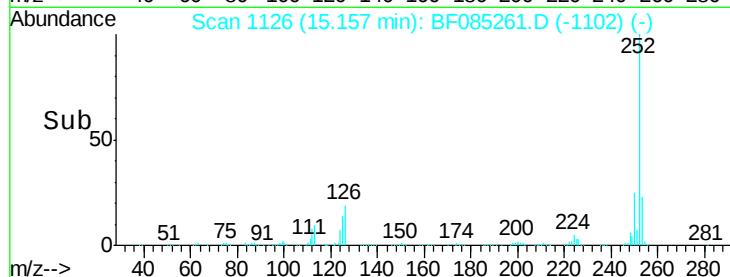
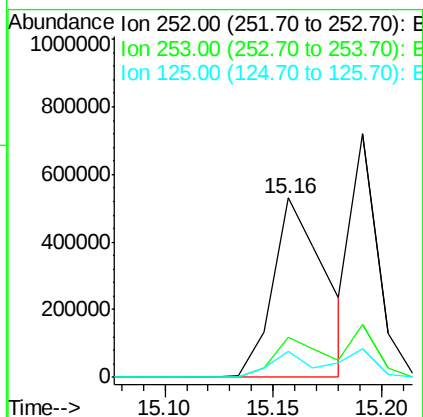
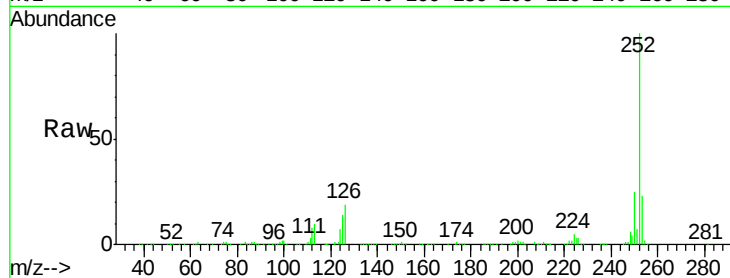




#87
Benzo(b)fluoranthene
Concen: 46.68 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

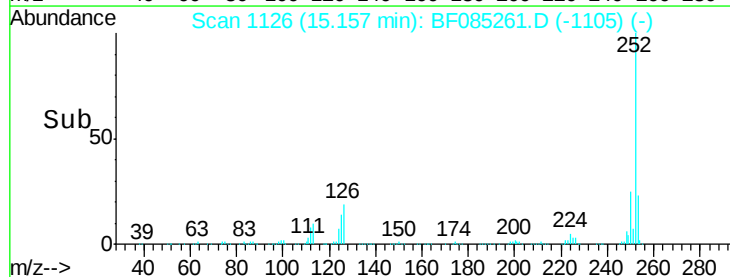
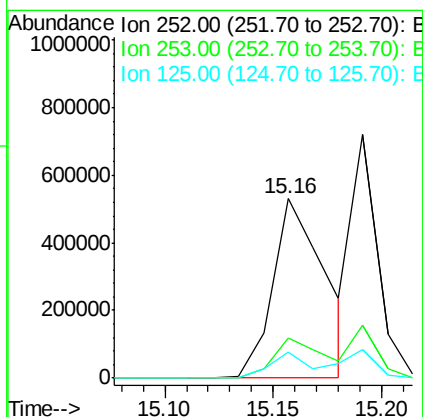
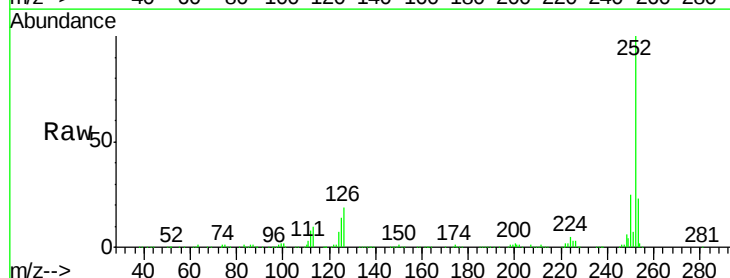
Instrument :
BNA_F
ClientSampleId :
PB88766BS

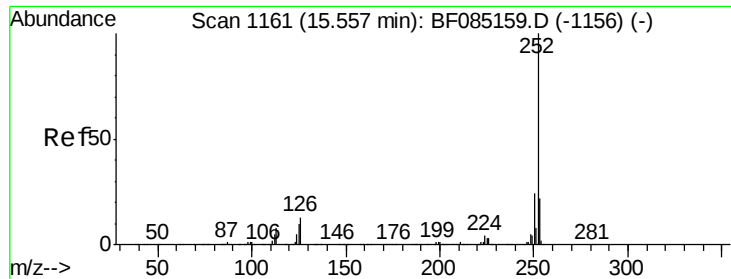
Tgt Ion:252 Resp: 885651
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 14.2 11.3 16.9



#88
Benzo(k)fluoranthene
Concen: 57.88 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion:252 Resp: 885651
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 14.2 10.4 15.6





#89

Benzo(a)pyrene

Concen: 45.62 ng

RT: 15.53 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

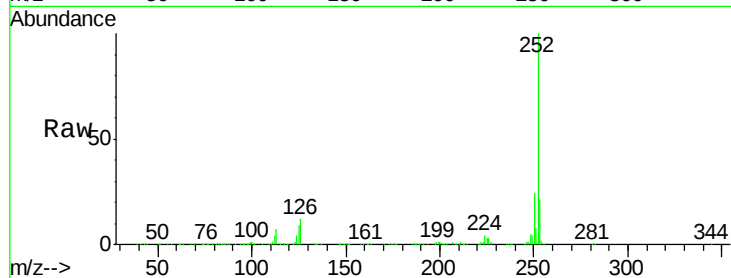
Tgt Ion:252 Resp: 717224

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

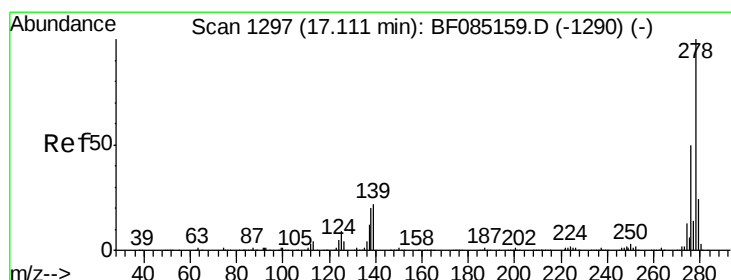
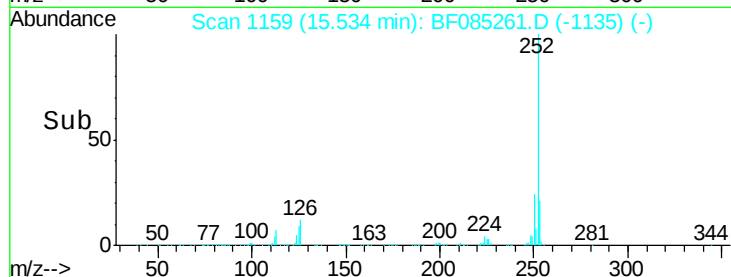
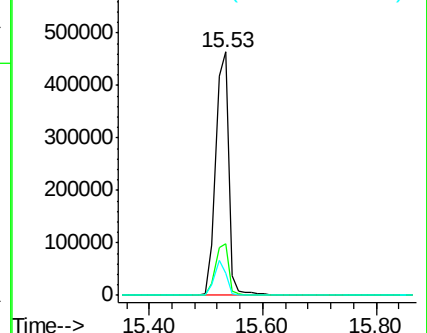
125 9.0 8.2 12.4



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: 41.51 ng

RT: 17.08 min Scan# 1294

Delta R.T. -0.03 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

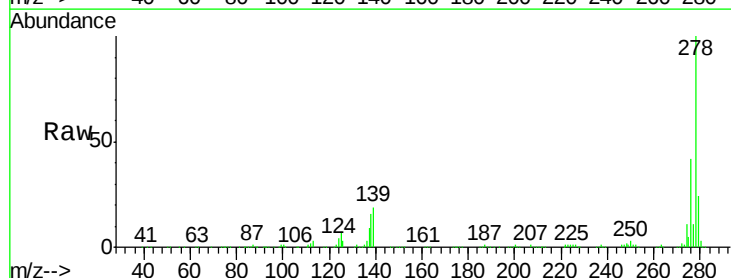
Tgt Ion:278 Resp: 557043

Ion Ratio Lower Upper

278 100

139 18.5 17.3 25.9

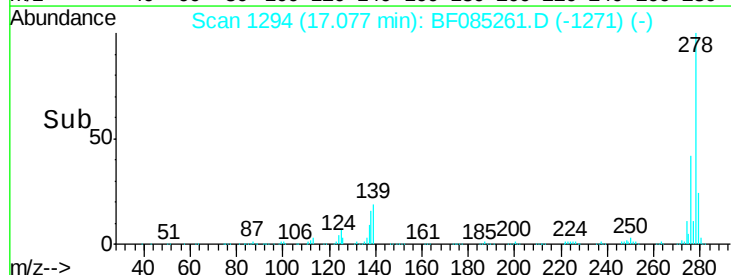
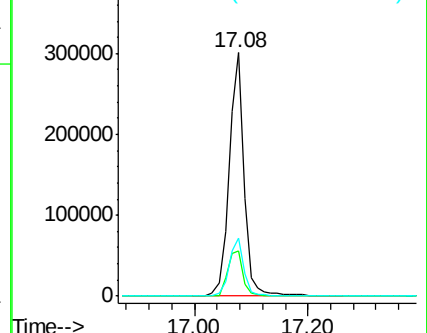
279 24.0 19.2 28.8

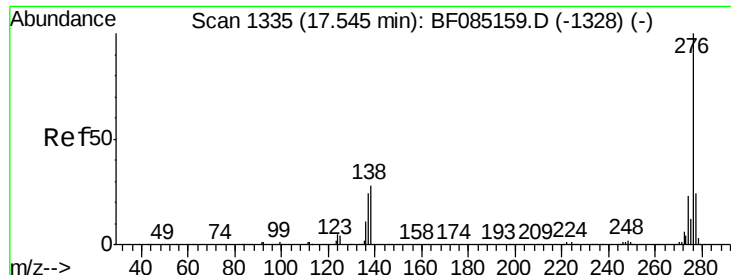


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.98 ng

RT: 17.50 min Scan# 1331

Delta R.T. -0.05 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

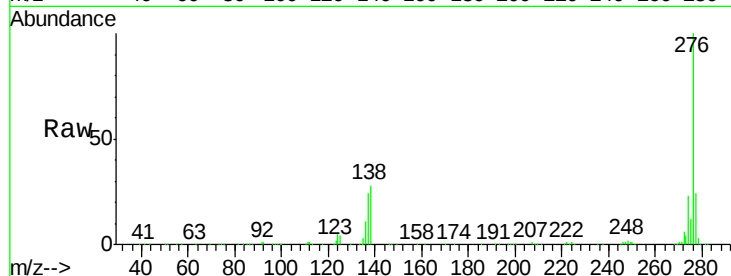
Tgt Ion: 276 Resp: 552925

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 28.2 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

