

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092857.D
 Acq On : 8 Feb 2017 17:07
 Operator : SJ/MA
 Sample : PB96810BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Quant Time: Feb 08 23:40:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	142449	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	556535	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	317613	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	521883	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	466626	20.00	ng	-0.08
86) Perylene-d12	15.51	264	390821	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	680108	81.91	ng	-0.07
7) Phenol-d6	6.53	99	848871	79.46	ng	-0.07
23) Nitrobenzene-d5	7.47	82	784700	78.52	ng	-0.07
41) 2,4,6-Tribromophenol	10.73	330	180640	78.64	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1442739	82.29	ng	-0.07
78) Terphenyl-d14	13.00	244	1330251	66.98	ng	-0.08

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	152227	33.93	ng	# 86
3) Pyridine	3.30	79	386128	33.85	ng	88
4) n-Nitrosodimethylamine	3.25	42	205883	38.43	ng	87
6) Aniline	6.56	93	354255	24.31	ng	86
8) 2-Chlorophenol	6.68	128	376393	41.09	ng	95
9) Benzaldehyde	6.44	77	148846	19.45	ng	97
10) Phenol	6.56	94	487676	39.02	ng	93
11) bis(2-Chloroethyl)ether	6.64	93	408218	40.92	ng	98
12) 1,3-Dichlorobenzene	6.84	146	433487	40.40	ng	98
13) 1,4-Dichlorobenzene	6.91	146	423750	39.02	ng	98
14) 1,2-Dichlorobenzene	7.07	146	424293	40.86	ng	96
15) Benzyl Alcohol	7.05	79	340832	43.09	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	692012	39.93	ng	94
17) 2-Methylphenol	7.16	107	328612	41.82	ng	96
18) Hexachloroethane	7.41	117	147083	39.68	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	255417	37.56	ng	94
20) 3+4-Methylphenols	7.31	107	395552	42.10	ng	# 69
22) Acetophenone	7.31	105	496214	39.05	ng	# 93
24) Nitrobenzene	7.48	77	391331	38.13	ng	95
25) Isophorone	7.72	82	751209	40.34	ng	97
26) 2-Nitrophenol	7.80	139	219901	45.08	ng	91
27) 2,4-Dimethylphenol	7.85	122	375271	43.80	ng	92
28) bis(2-Chloroethoxy)methane	7.94	93	508990	41.27	ng	99
29) 2,4-Dichlorophenol	8.04	162	332189	41.58	ng	89
30) 1,2,4-Trichlorobenzene	8.12	180	344129	39.97	ng	94
31) Naphthalene	8.20	128	1066170	37.79	ng	99
32) Benzoic acid	7.97	122	216973	45.19	ng	88
33) 4-Chloroaniline	8.26	127	230965	20.87	ng	96
34) Hexachlorobutadiene	8.33	225	184456	38.94	ng	98
35) Caprolactam	8.62	113	77765	30.94	ng	# 43
36) 4-Chloro-3-methylphenol	8.75	107	378327	45.42	ng	90
37) 2-Methylnaphthalene	8.90	142	768210	42.41	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	325482	36.51	ng	99
40) Hexachlorocyclopentadiene	9.05	237	283028	70.36	ng	96

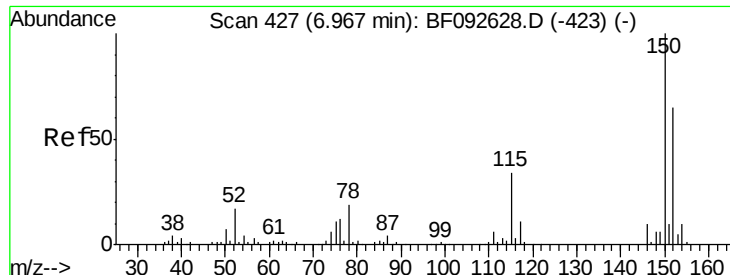
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	240586	41.07	ng	91
43) 2,4,5-Trichlorophenol	9.22	196	251874	39.24	ng	91
45) 1,1'-Biphenyl	9.36	154	866136	37.66	ng	97
46) 2-Chloronaphthalene	9.39	162	739510	41.10	ng	95
47) 2-Nitroaniline	9.48	65	217622	35.98	ng	99
48) Acenaphthylene	9.80	152	1162661	37.41	ng	98
49) Dimethylphthalate	9.66	163	889995	41.60	ng	100
50) 2,6-Dinitrotoluene	9.72	165	180459	39.06	ng	# 76
51) Acenaphthene	9.97	154	721086	38.81	ng	96
52) 3-Nitroaniline	9.89	138	130237	24.63	ng	90
53) 2,4-Dinitrophenol	10.01	184	170829	73.12	ng	# 92
54) Dibenzofuran	10.14	168	1014264	40.81	ng	94
55) 4-Nitrophenol	10.06	139	288286	75.70	ng	94
56) 2,4-Dinitrotoluene	10.13	165	277314	45.09	ng	# 83
57) Fluorene	10.49	166	808677	42.29	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.26	232	185069	43.22	ng	99
59) Diethylphthalate	10.36	149	873229	43.31	ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	350441	38.15	ng	89
61) 4-Nitroaniline	10.51	138	207596	38.33	ng	91
62) Azobenzene	10.64	77	887014	42.59	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	116909	37.43	ng	# 35
65) n-Nitrosodiphenylamine	10.60	169	730251	43.80	ng	100
66) 4-Bromophenyl-phenylether	10.97	248	223025	40.90	ng	93
67) Hexachlorobenzene	11.04	284	226631	42.06	ng	97
68) Atrazine	11.13	200	233827	43.70	ng	97
69) Pentachlorophenol	11.23	266	226620	81.34	ng	97
70) Phenanthrene	11.45	178	1148515	38.41	ng	99
71) Anthracene	11.50	178	1250615	41.65	ng	97
72) Carbazole	11.65	167	1021936	35.60	ng	99
73) Di-n-butylphthalate	11.98	149	1408865	45.39	ng	# 97
74) Fluoranthene	12.64	202	1259573	40.84	ng	95
76) Benzidine	12.76	184	415262	20.88	ng	96
77) Pyrene	12.86	202	1249003	35.77	ng	99
79) Butylbenzylphthalate	13.48	149	624150	44.01	ng	85
80) Benzo(a)anthracene	14.05	228	1120447	39.26	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	301666	29.65	ng	# 95
82) Chrysene	14.09	228	831773	31.13	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	821945	42.38	ng	# 95
84) Di-n-octyl phthalate	14.65	149	1368867	43.35	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	924220	44.65	ng	95
87) Benzo(b)fluoranthene	15.09	252	1029383	40.02	ng	98
88) Benzo(k)fluoranthene	15.09	252	1029383	46.35	ng	98
89) Benzo(a)pyrene	15.45	252	908085	40.81	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	774869	43.09	ng	97
91) Benzo(g,h,i)perylene	17.38	276	770738	42.42	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

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PB96810BSD

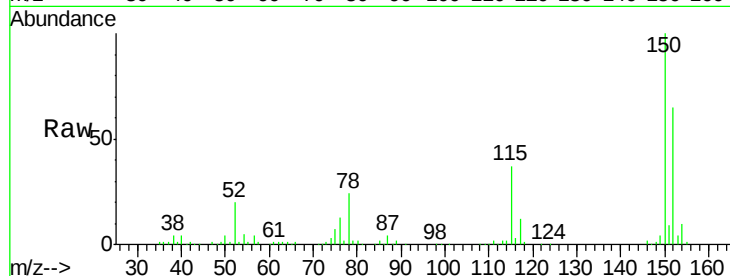
Tgt Ion:152 Resp: 142449

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

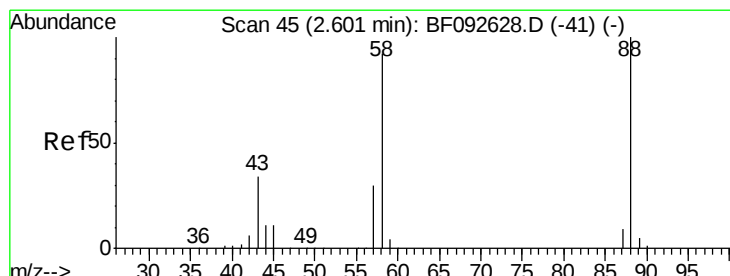
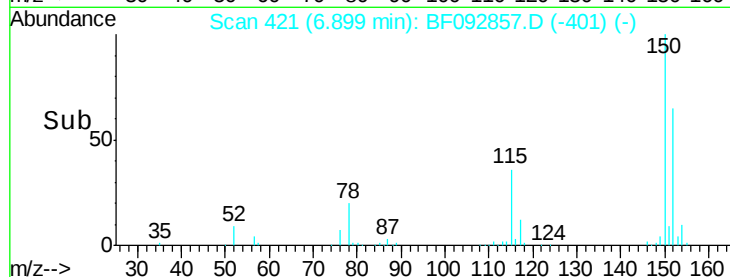
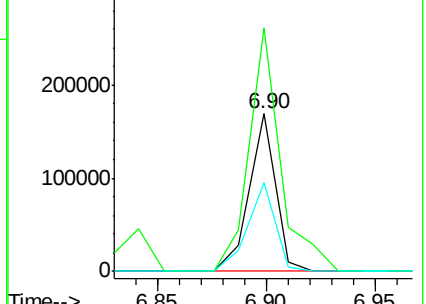
115 56.8 46.0 69.0



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: 33.93 ng

RT: 2.57 min Scan# 42

Delta R.T. -0.03 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

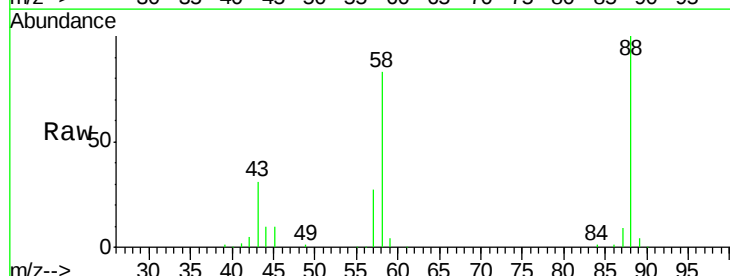
Tgt Ion: 88 Resp: 152227

Ion Ratio Lower Upper

88 100

58 87.3 57.8 86.8#

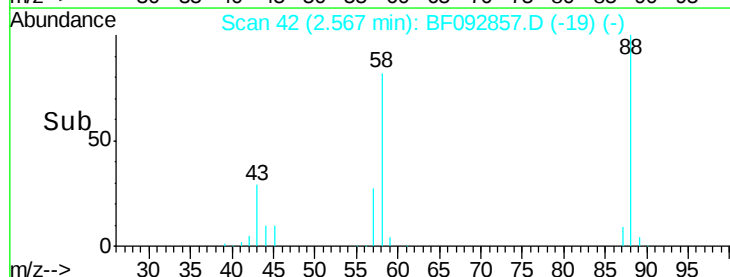
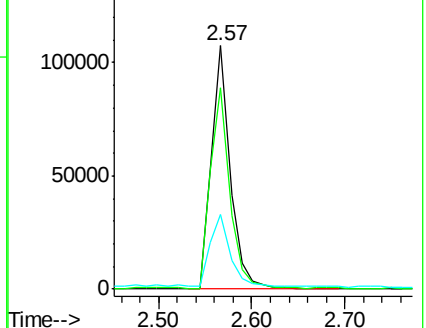
43 30.7 22.3 33.5

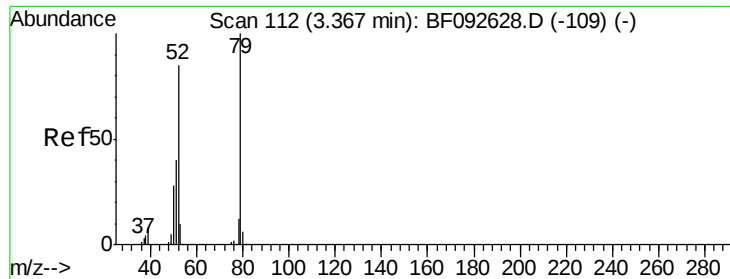


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.85 ng

RT: 3.30 min Scan# 106

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

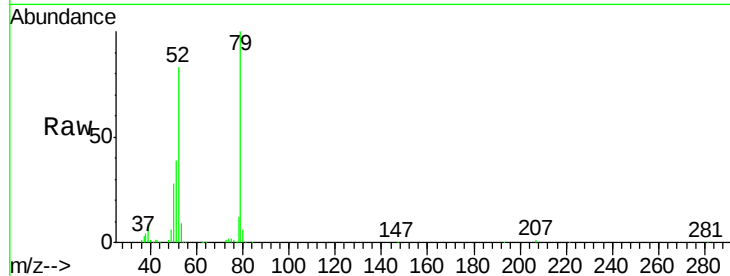
Tgt Ion: 79 Resp: 386128

Ion Ratio Lower Upper

79 100

52 82.8 57.1 85.7

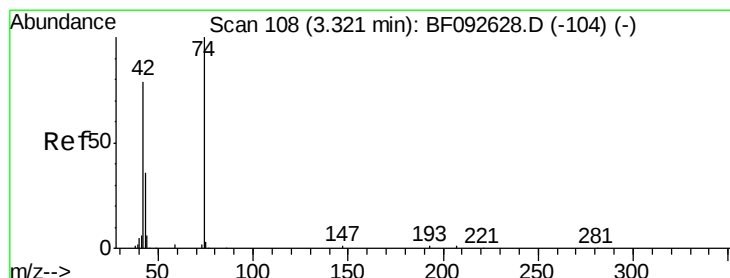
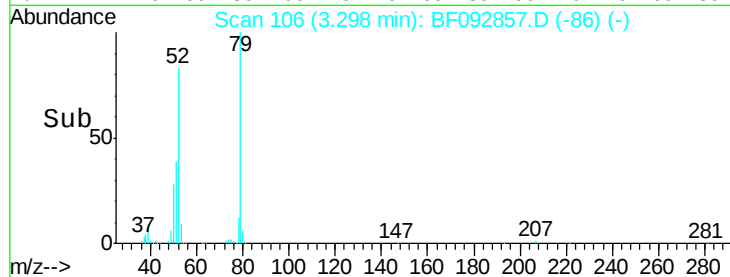
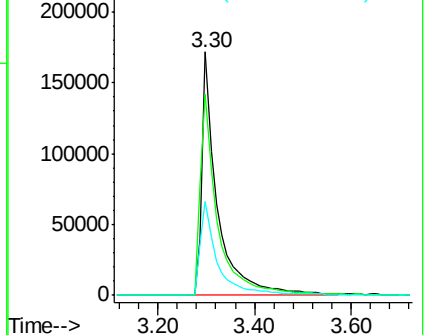
51 38.6 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.43 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

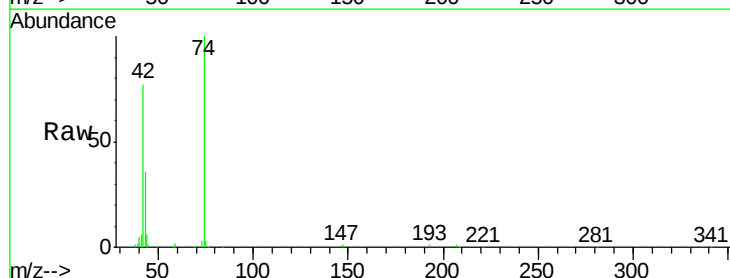
Tgt Ion: 42 Resp: 205883

Ion Ratio Lower Upper

42 100

74 129.2 117.0 175.4

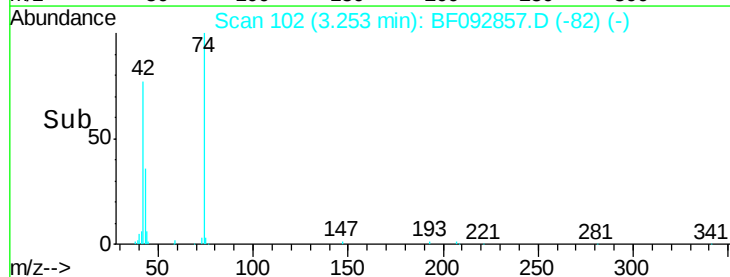
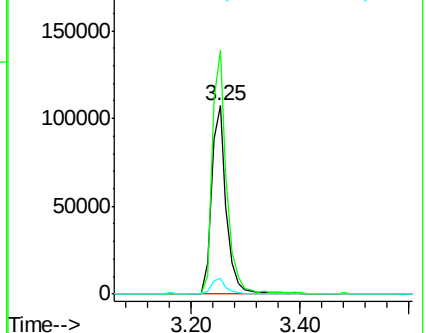
44 8.1 5.5 8.3

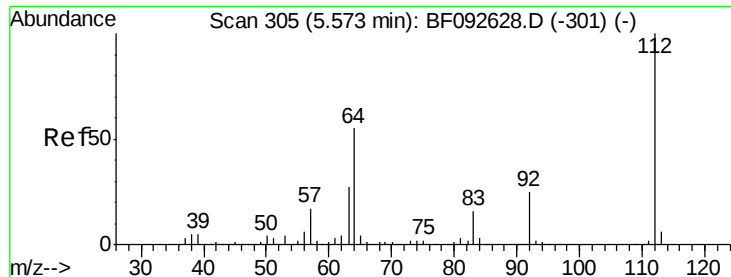


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.91 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

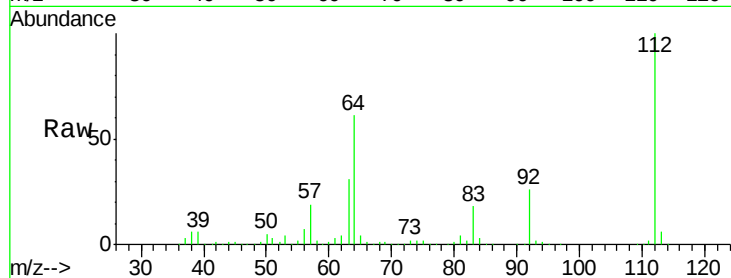
Tgt Ion: 112 Resp: 680108

Ion Ratio Lower Upper

112 100

64 61.4 46.1 69.1

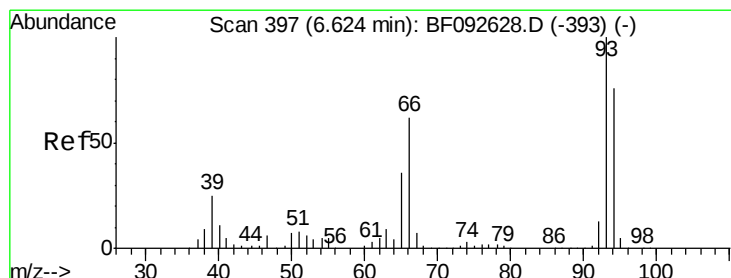
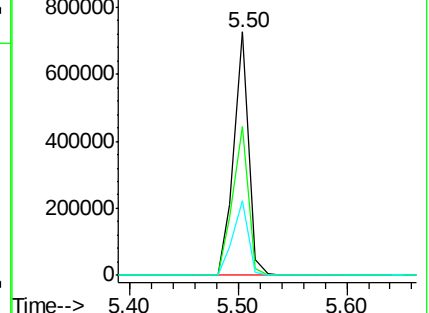
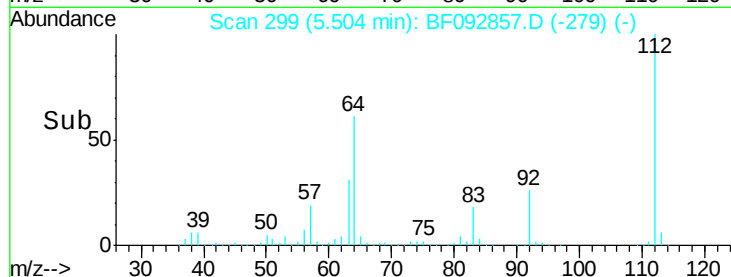
63 30.9 23.8 35.6



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: 24.31 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

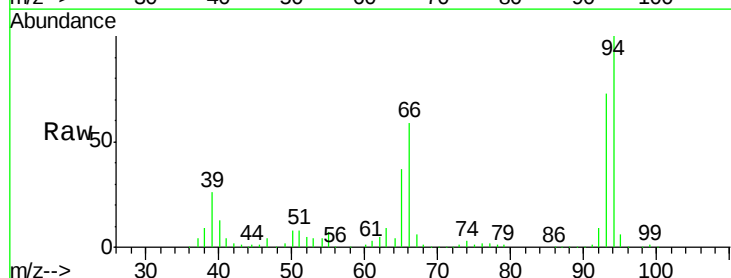
Tgt Ion: 93 Resp: 354255

Ion Ratio Lower Upper

93 100

66 81.0 76.2 114.2

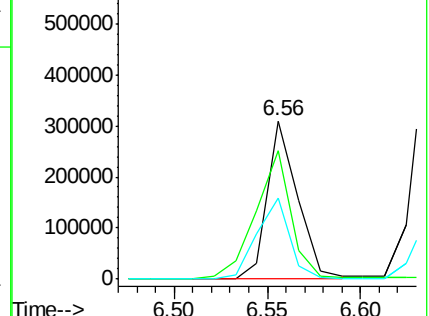
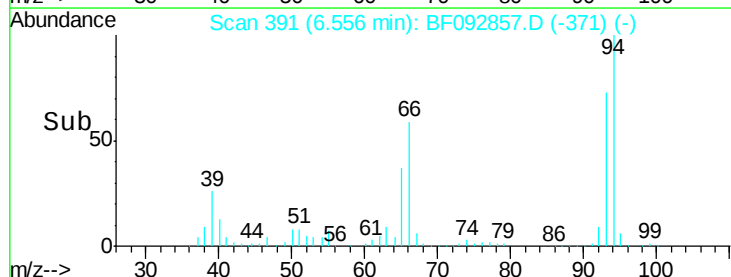
65 50.8 49.3 73.9

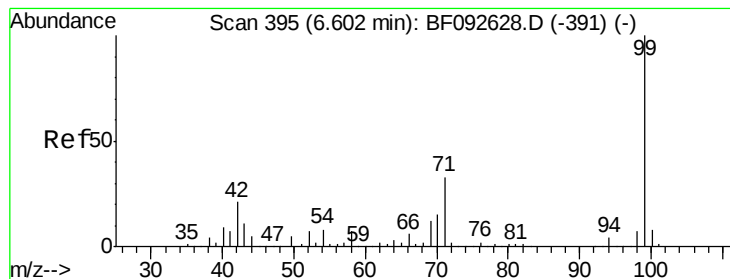


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.46 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

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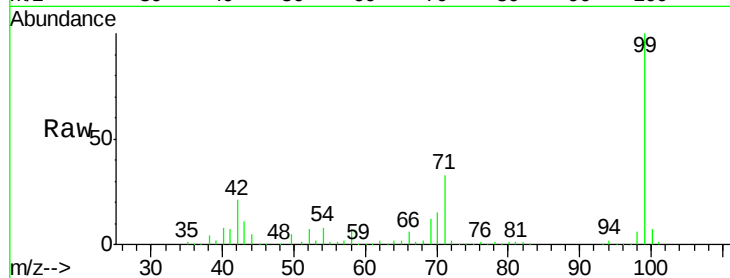
Tgt Ion: 99 Resp: 848871

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

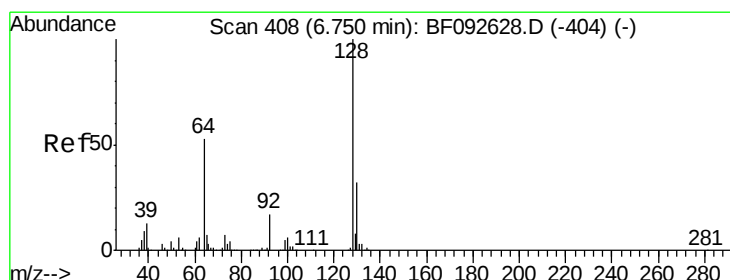
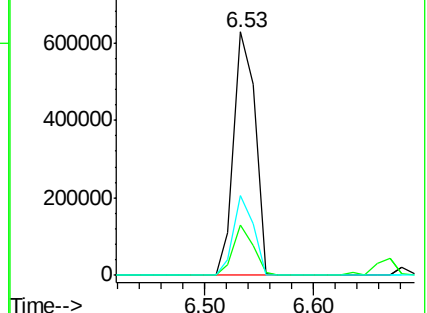
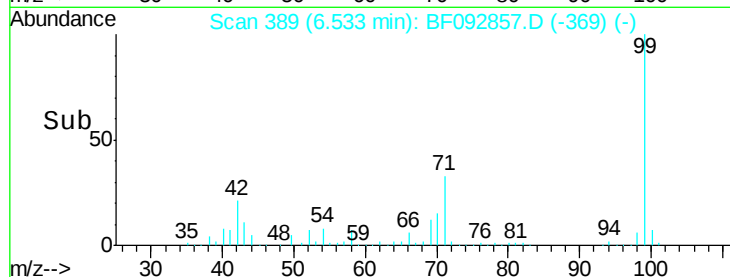
71 32.8 27.5 41.3



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: 41.09 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

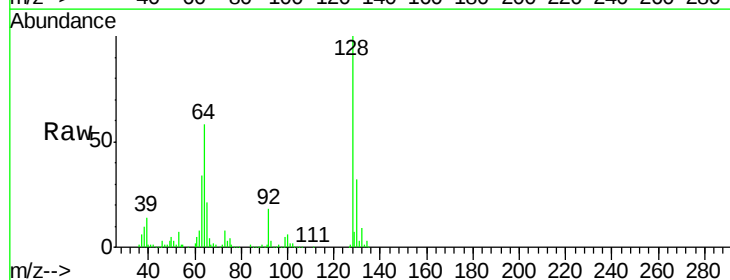
Tgt Ion: 128 Resp: 376393

Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

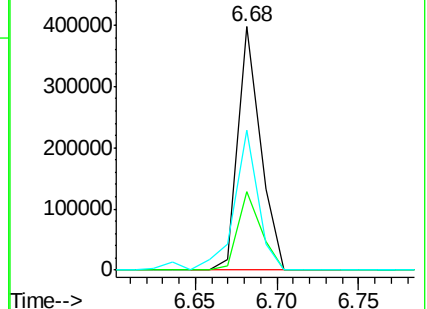
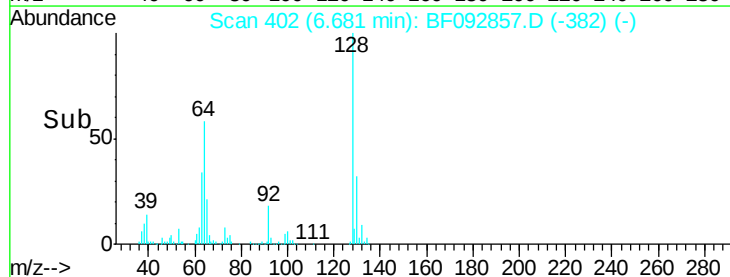
64 57.6 32.2 72.2

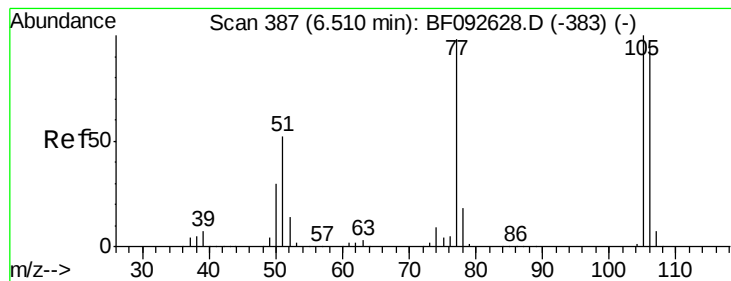


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.45 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

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ClientSampleId :

PB96810BSD

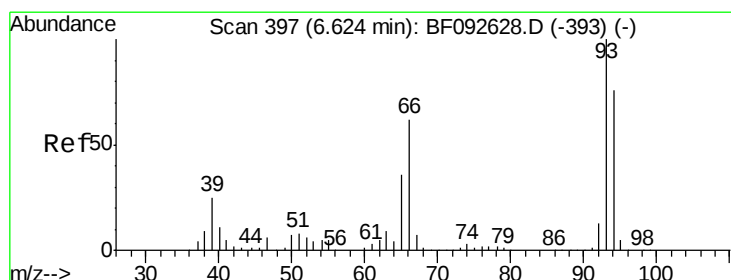
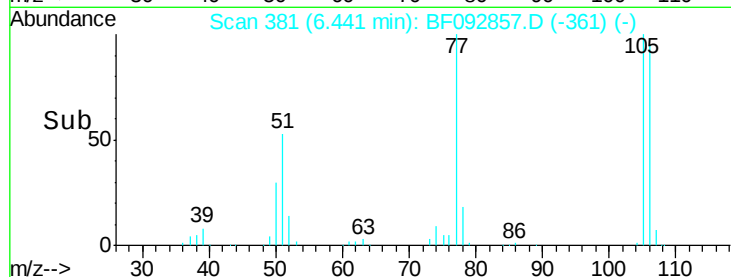
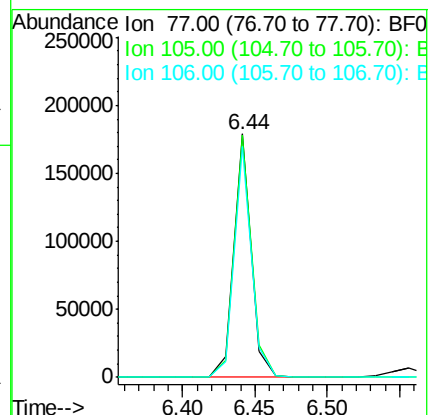
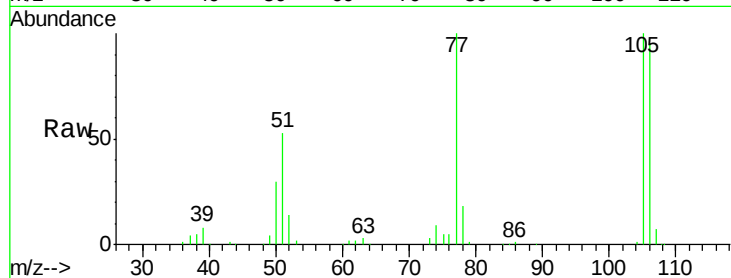
Tgt Ion: 77 Resp: 148846

Ion Ratio Lower Upper

77 100

105 99.8 83.9 123.9

106 94.7 77.6 117.6



#10

Phenol

Concen: 39.02 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

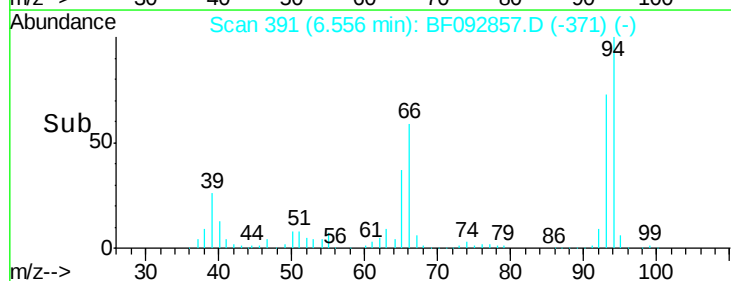
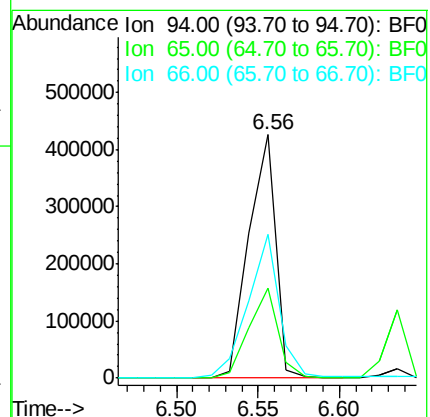
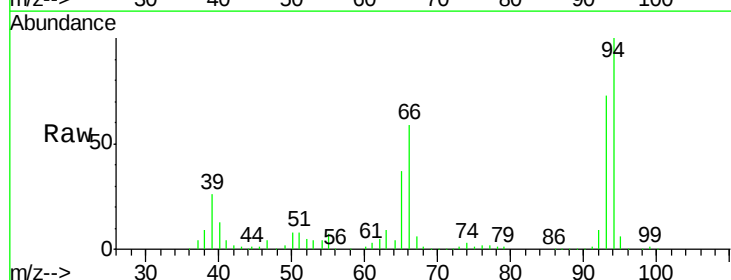
Tgt Ion: 94 Resp: 487676

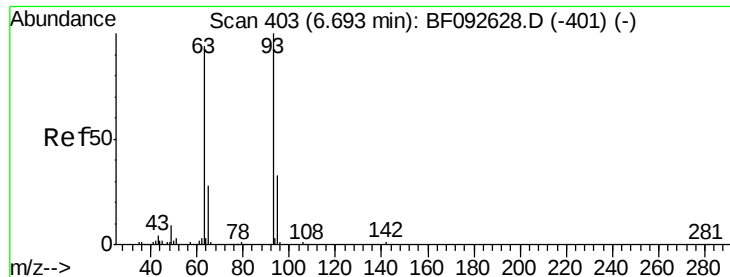
Ion Ratio Lower Upper

94 100

65 36.9 21.4 61.4

66 58.9 44.0 84.0

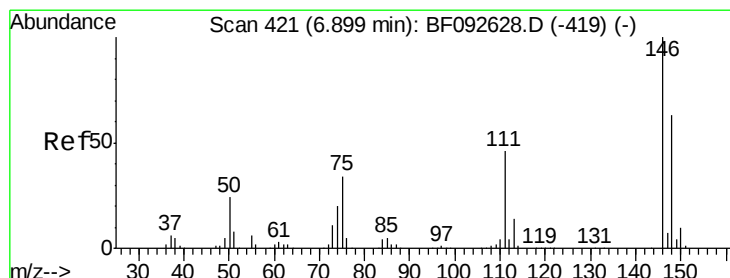
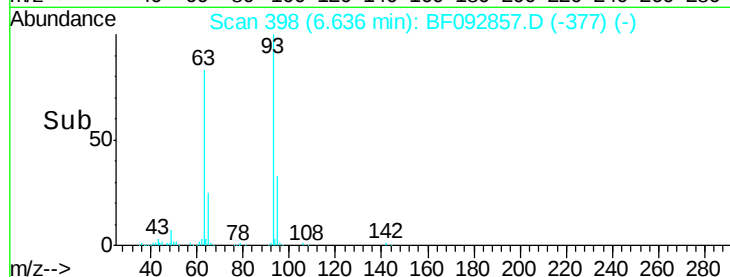
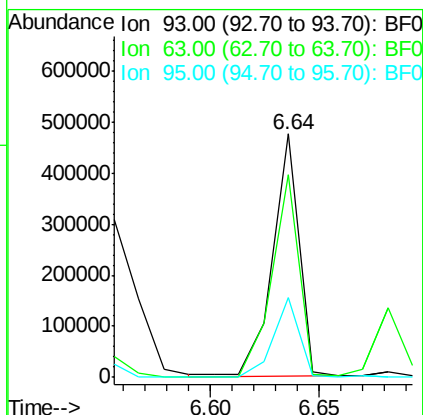
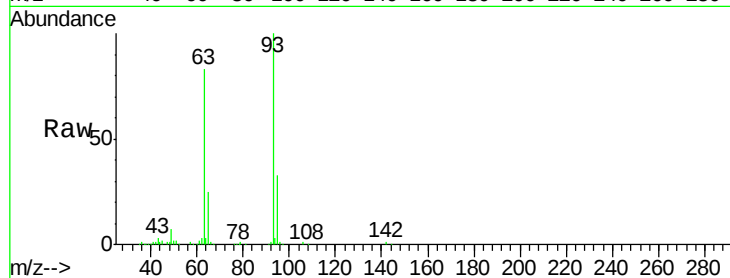




#11
bis(2-Chloroethyl)ether
Concen: 40.92 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

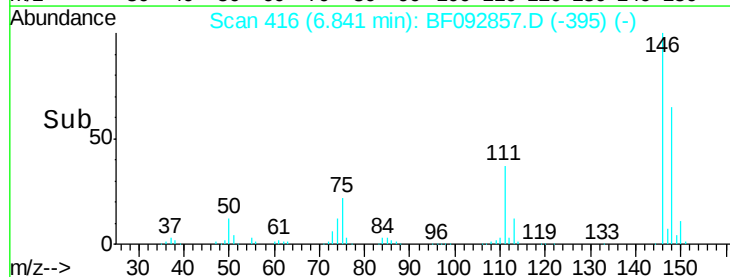
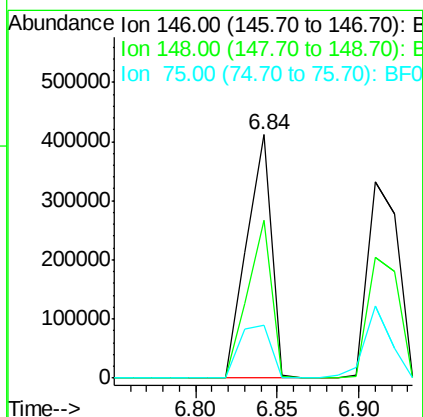
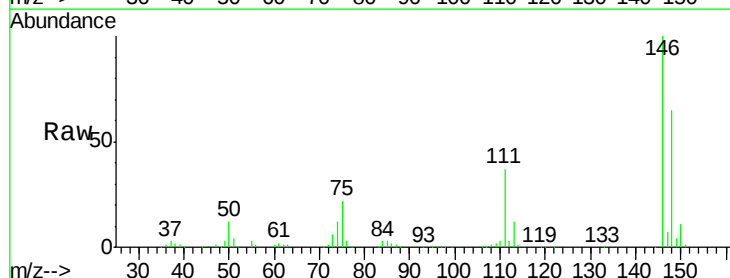
Instrument :
BNA_F
ClientSampleId :
PB96810BSD

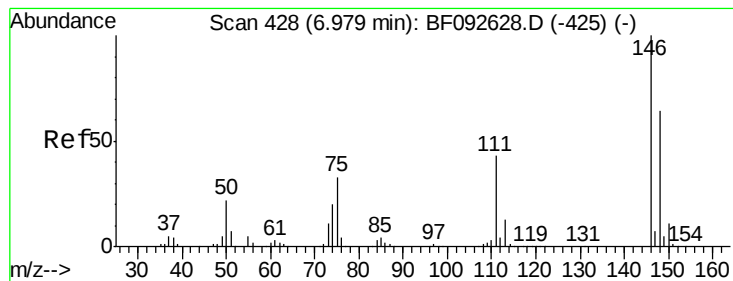
Tgt Ion: 93 Resp: 408218
Ion Ratio Lower Upper
93 100
63 83.1 60.4 100.4
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.40 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion: 146 Resp: 433487
Ion Ratio Lower Upper
146 100
148 64.7 53.4 80.0
75 21.9 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 39.02 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

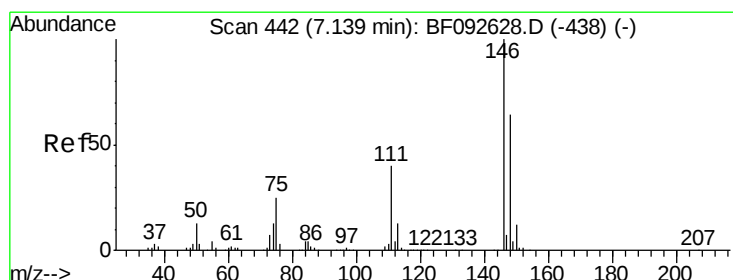
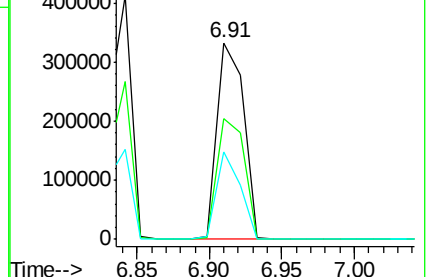
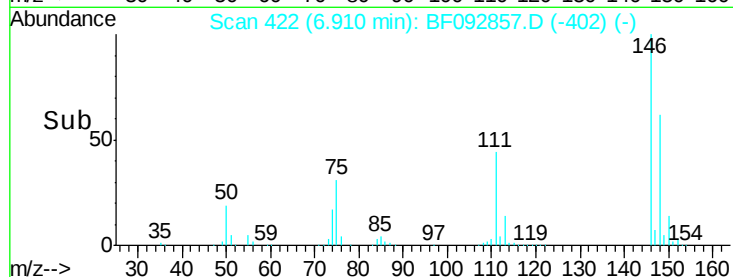
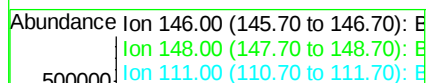
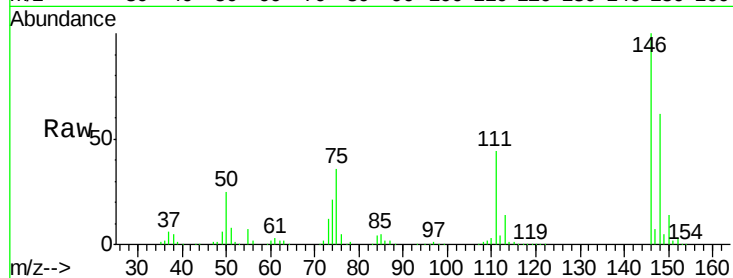
Tgt Ion:146 Resp: 423750

Ion Ratio Lower Upper

146 100

148 61.6 50.6 76.0

111 44.2 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 40.86 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

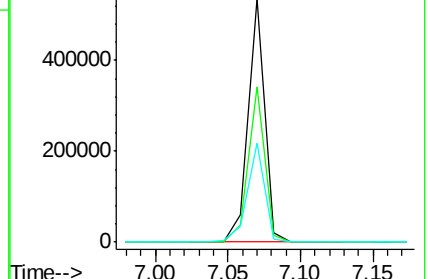
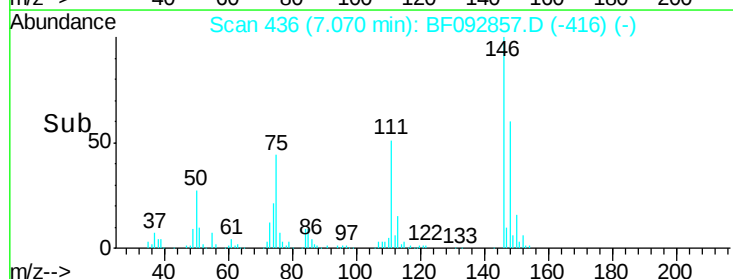
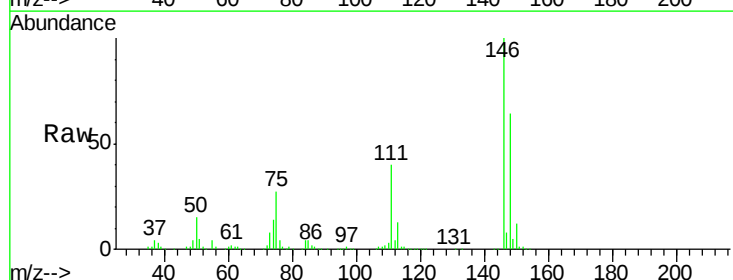
Tgt Ion:146 Resp: 424293

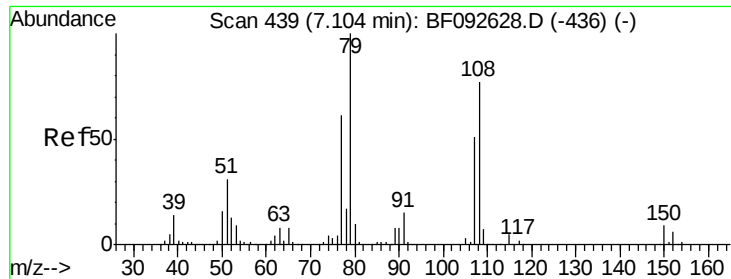
Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

111 40.4 36.2 54.2

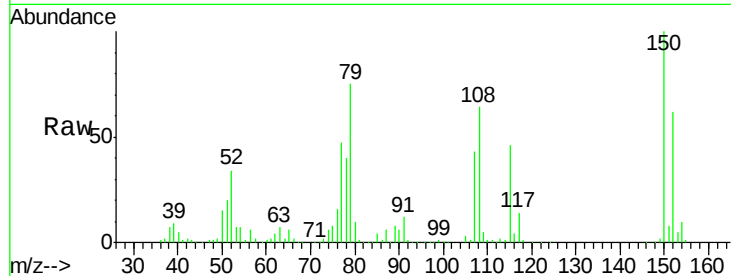




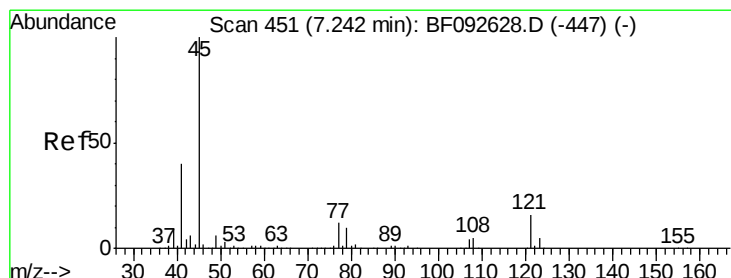
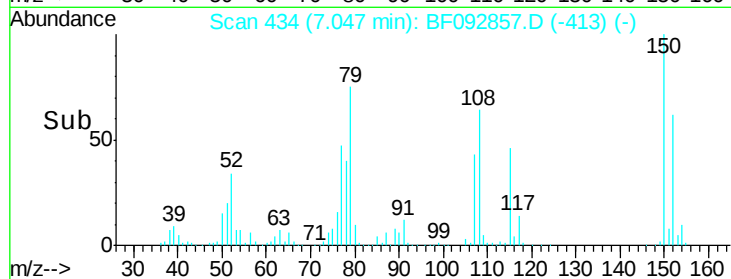
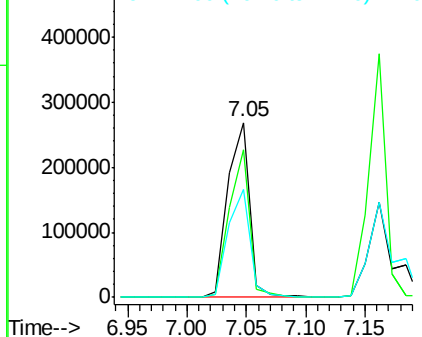
#15
Benzyl Alcohol
Concen: 43.09 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tgt Ion: 79 Resp: 340832
Ion Ratio Lower Upper
79 100
108 84.8 61.4 92.0
77 62.1 50.9 76.3

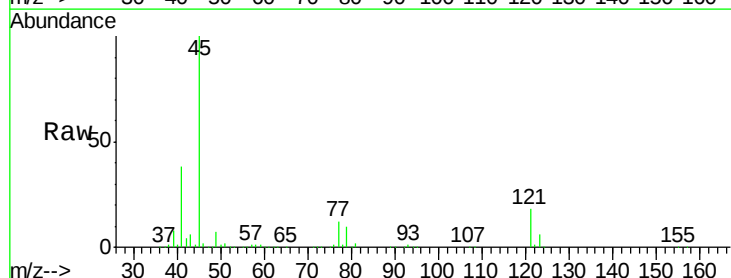


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

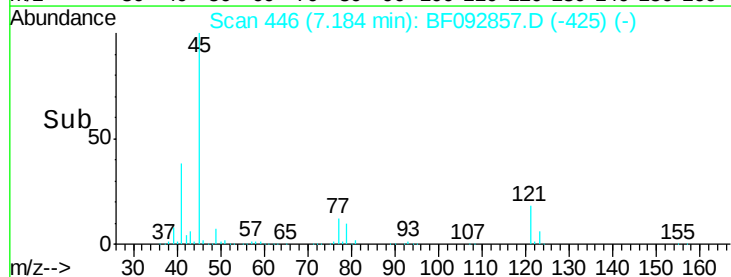
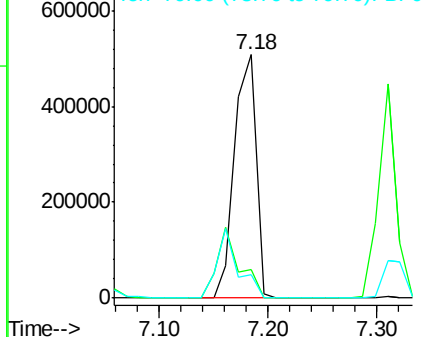


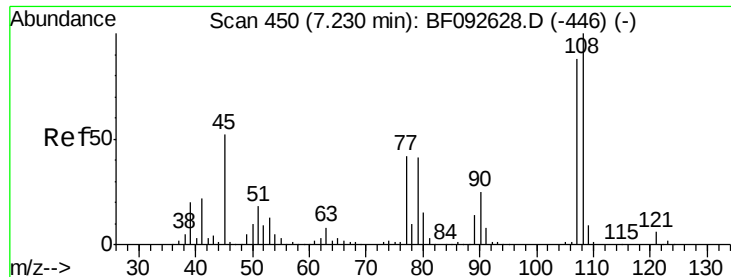
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.93 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.06 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion: 45 Resp: 692012
Ion Ratio Lower Upper
45 100
77 11.7 0.0 34.6
79 9.7 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

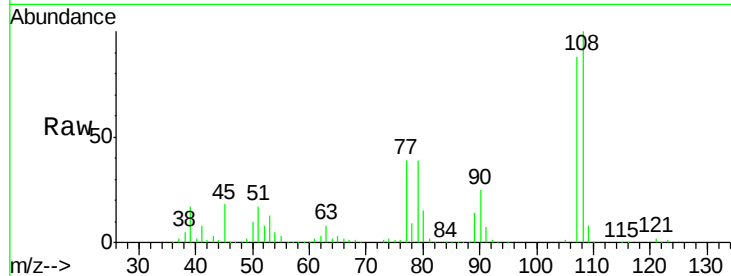




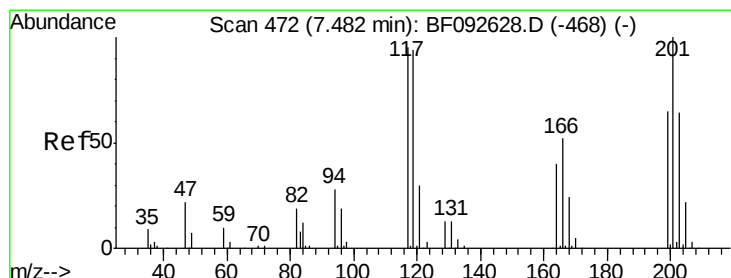
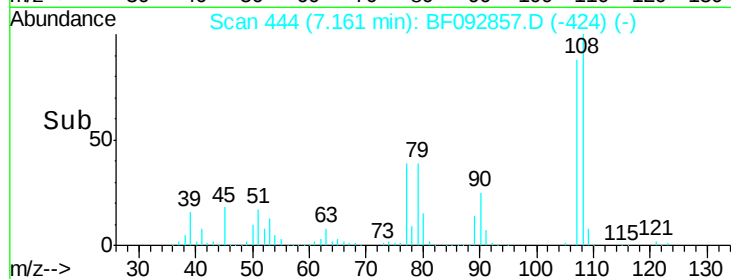
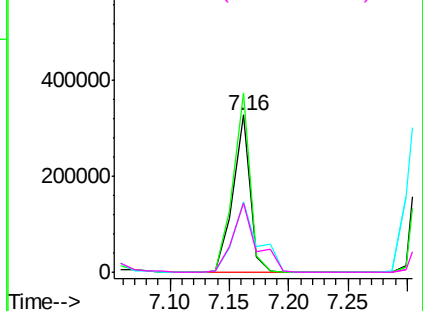
#17
2-Methylphenol
Concen: 41.82 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tgt Ion:107 Resp: 328612
Ion Ratio Lower Upper
107 100
108 114.2 93.0 139.6
77 44.7 39.8 59.8
79 44.4 38.0 57.0

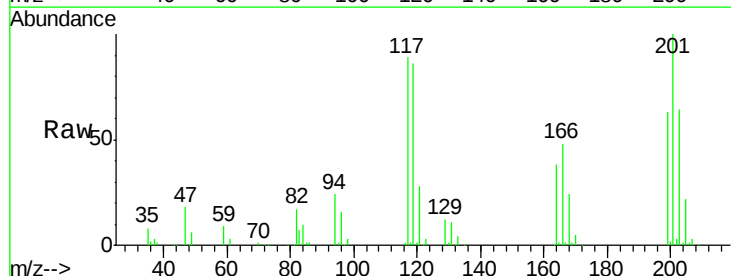


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

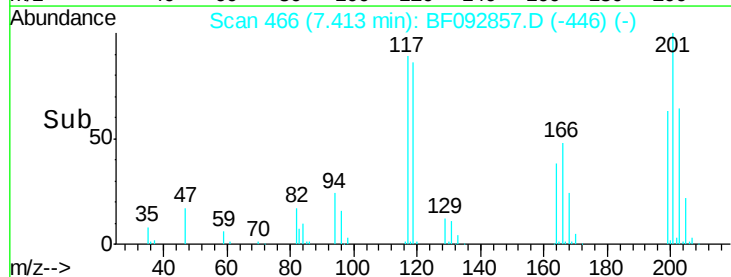
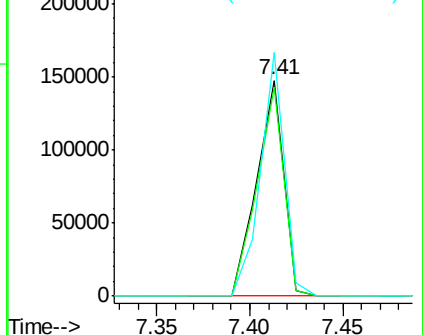


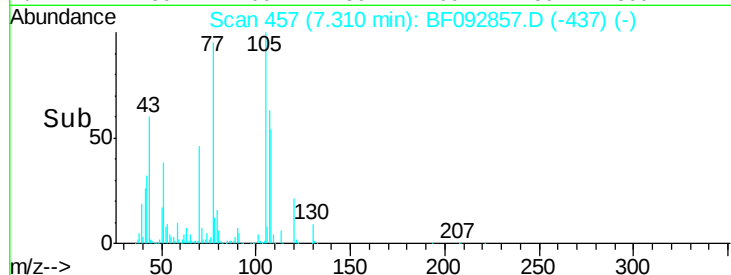
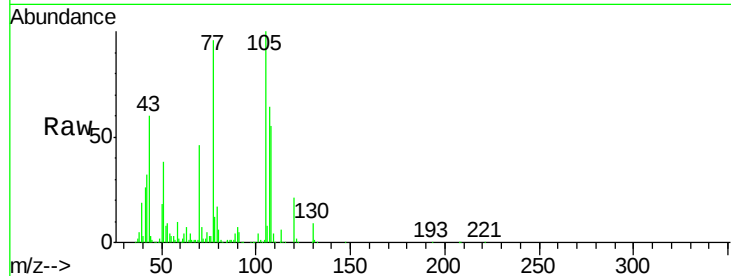
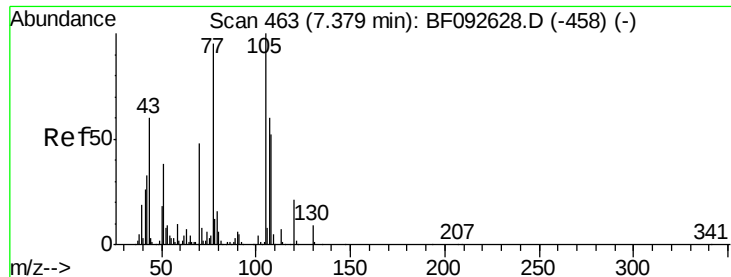
#18
Hexachloroethane
Concen: 39.68 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion:117 Resp: 147083
Ion Ratio Lower Upper
117 100
119 96.7 78.1 117.1
201 112.8 78.6 117.8



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

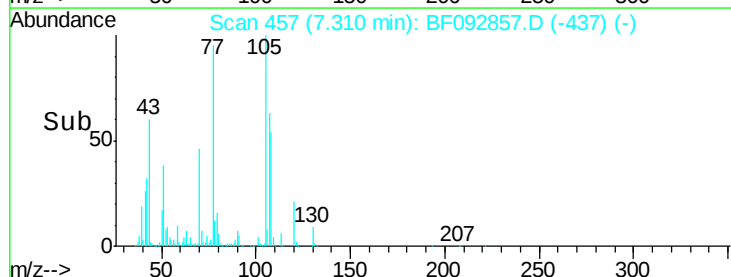
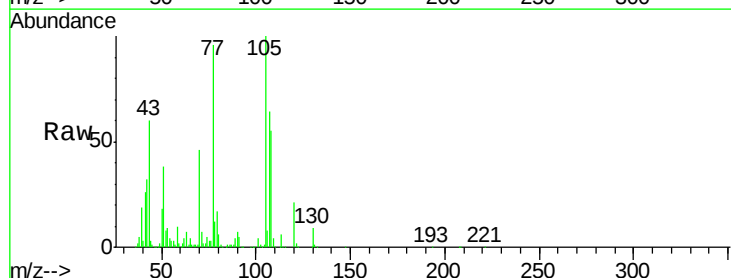
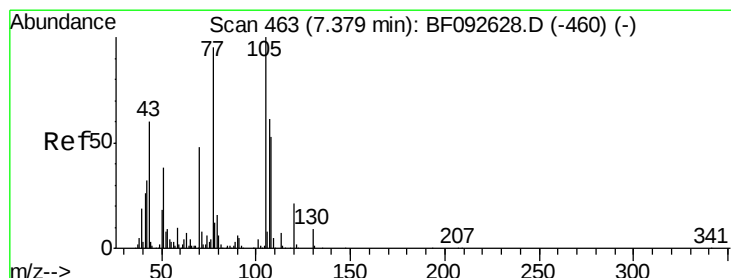
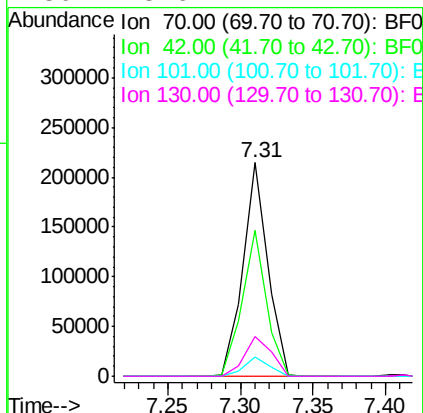




#19
n-Nitroso-di-n-propylamine
Concen: 37.56 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

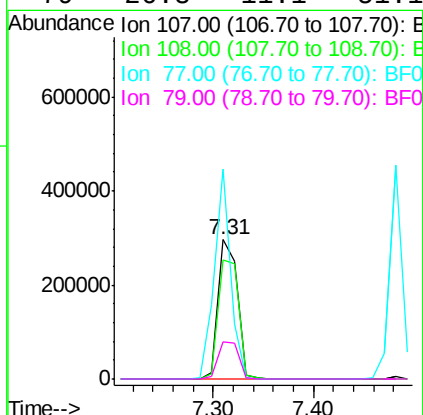
Instrument :
BNA_F
ClientSampleId :
PB96810BSD

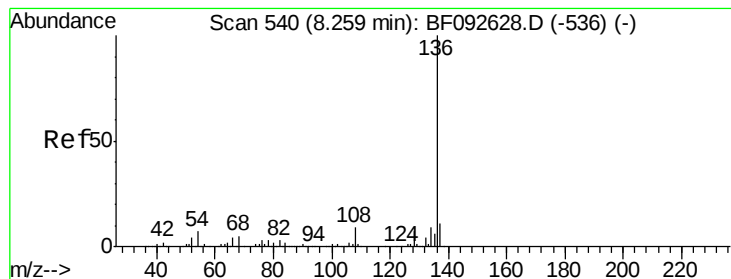
Tgt Ion:	70	Resp:	255417
Ion	Ratio	Lower	Upper
70	100		
42	68.4	49.4	74.0
101	9.0	7.4	11.2
130	18.6	14.2	21.4



#20
3+4-Methylphenols
Concen: 42.10 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion:	107	Resp:	395552
Ion	Ratio	Lower	Upper
107	100		
108	85.7	73.0	113.0
77	150.6	71.3	111.3#
79	26.8	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.08 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

Tgt Ion:136 Resp: 556535

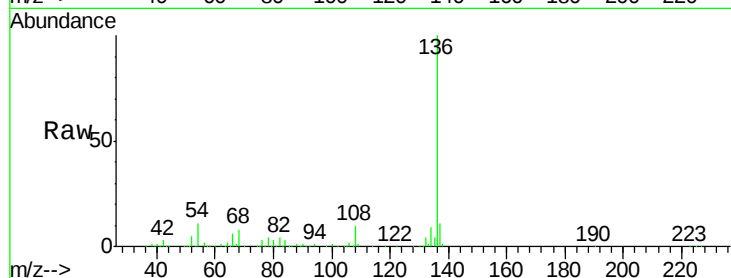
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 11.5 4.5 6.7#

68 7.8 3.6 5.4#



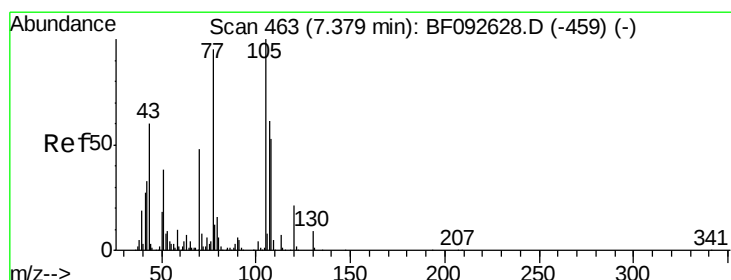
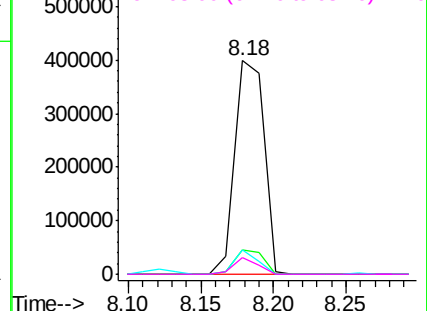
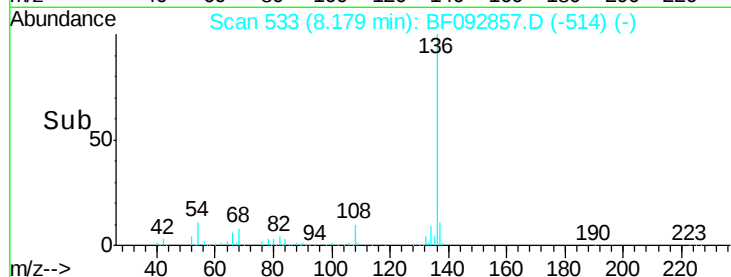
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.05 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion:105 Resp: 496214

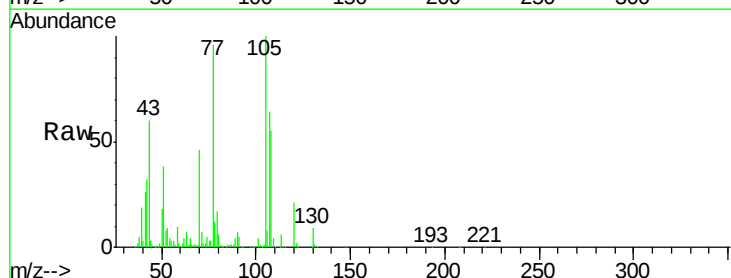
Ion Ratio Lower Upper

105 100

71 7.5 3.2 4.8#

51 38.4 26.2 39.4

120 21.2 16.6 24.8



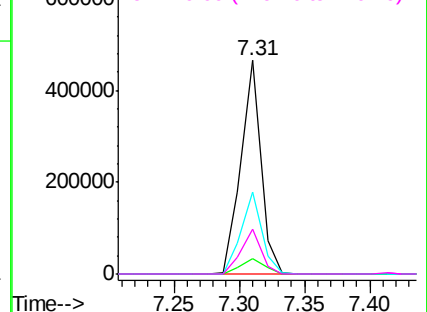
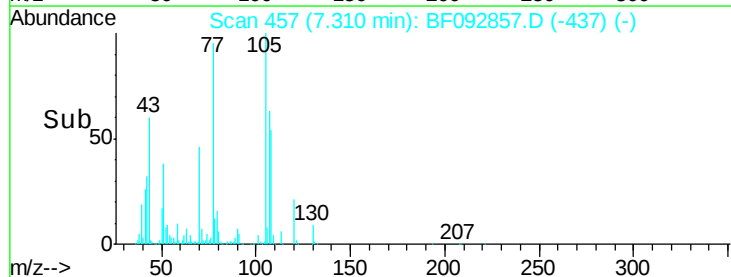
Abundance

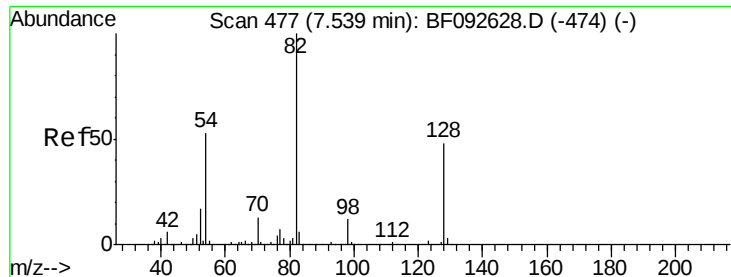
Ion 105.00 (104.70 to 105.70): E

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

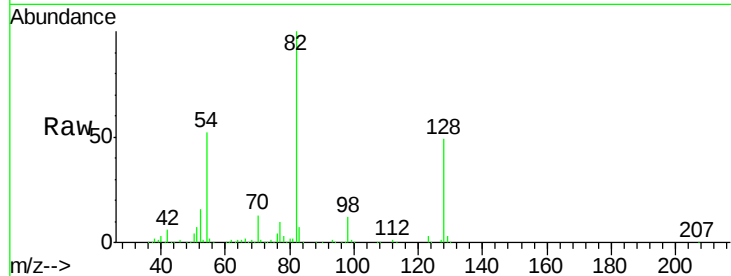




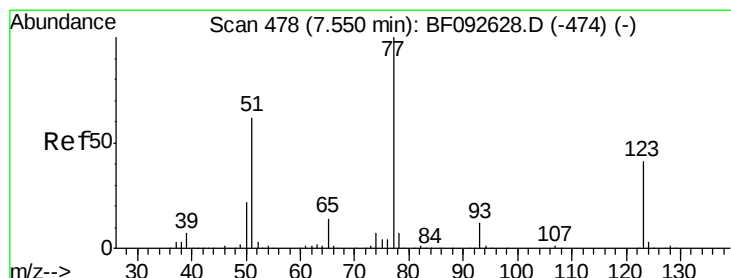
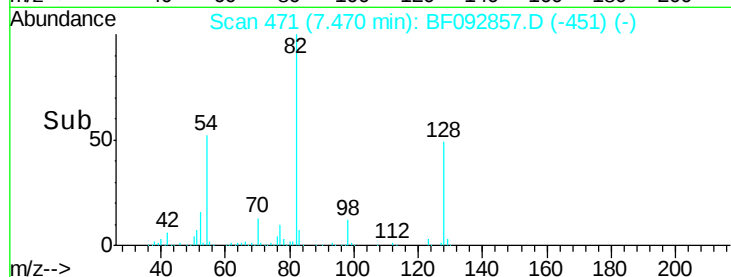
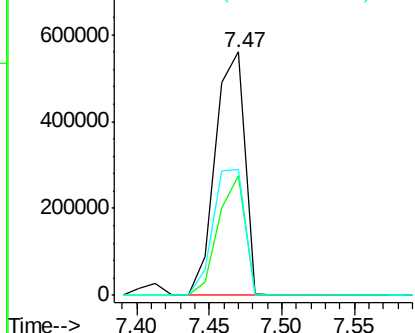
#23
 Nitrobenzene-d5
 Concen: 78.52 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tgt Ion: 82 Resp: 784700
 Ion Ratio Lower Upper
 82 100
 128 49.2 34.6 52.0
 54 51.6 39.5 59.3

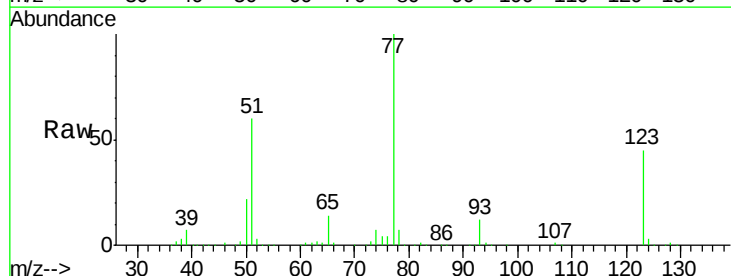


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

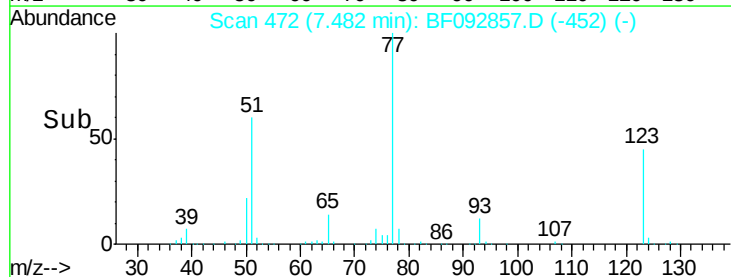
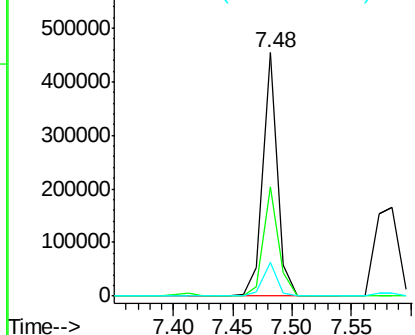


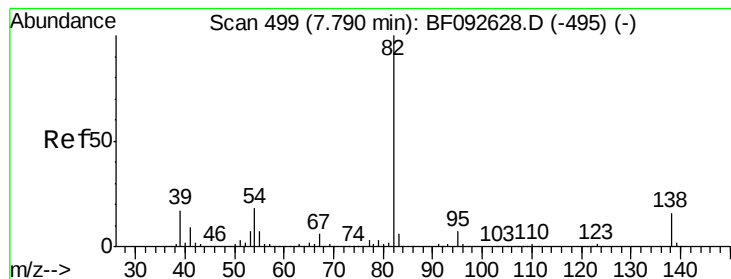
#24
 Nitrobenzene
 Concen: 38.13 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion: 77 Resp: 391331
 Ion Ratio Lower Upper
 77 100
 123 44.9 33.0 49.4
 65 13.7 11.2 16.8



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





#25

Isophorone

Concen: 40.34 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

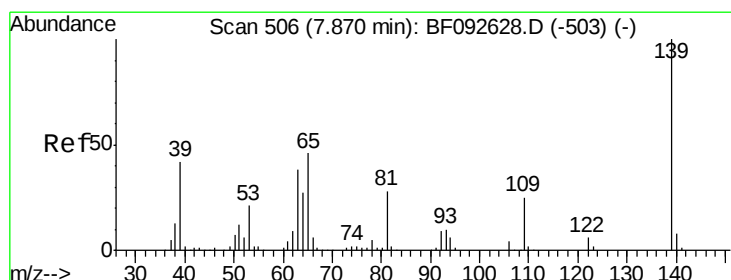
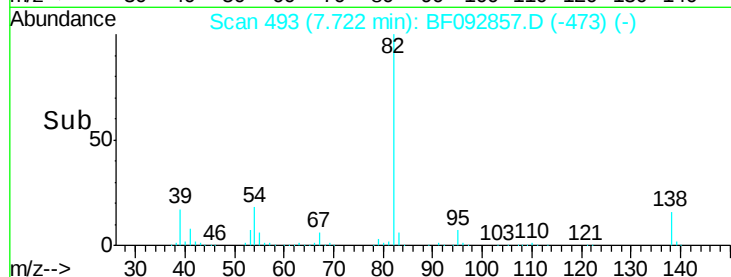
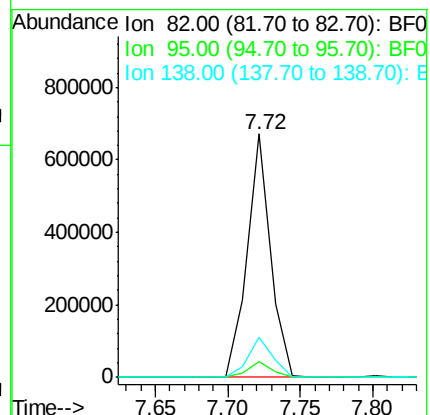
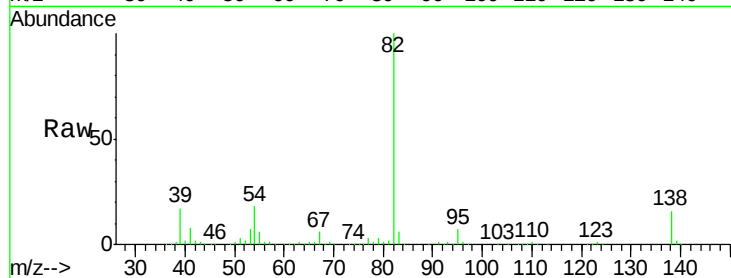
Tgt Ion: 82 Resp: 751209

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 16.5 14.6 22.0



#26

2-Nitrophenol

Concen: 45.08 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

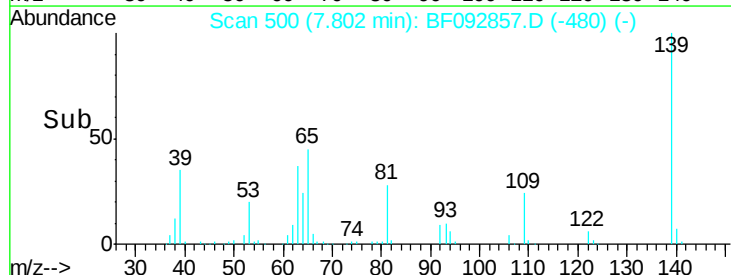
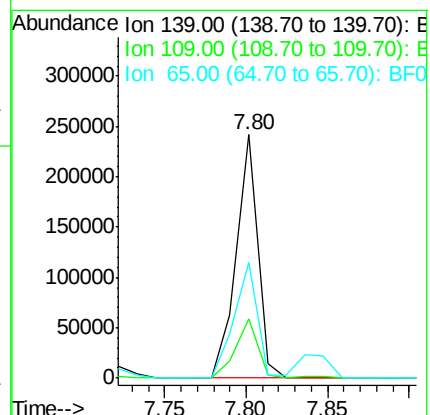
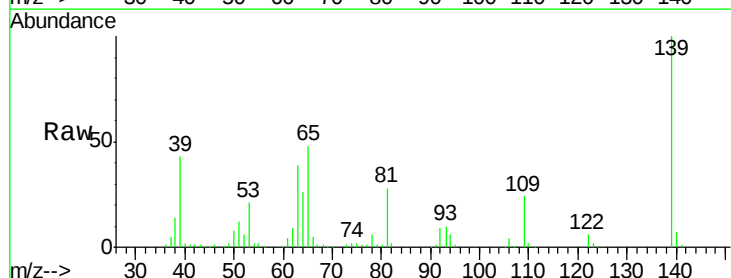
Tgt Ion: 139 Resp: 219901

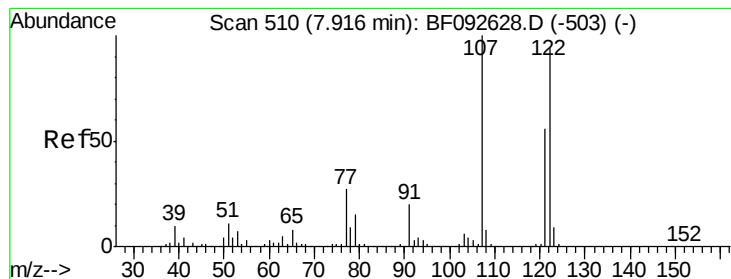
Ion Ratio Lower Upper

139 100

109 24.2 23.3 34.9

65 47.5 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 43.80 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

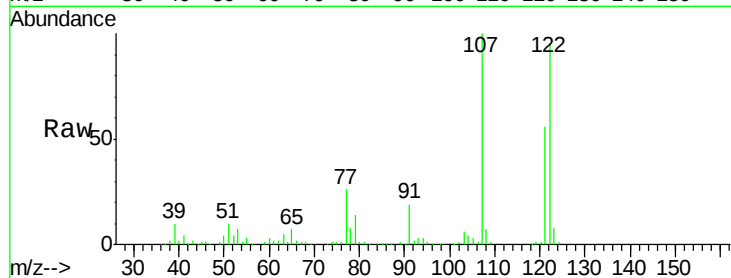
Tgt Ion:122 Resp: 375271

Ion Ratio Lower Upper

122 100

107 105.8 94.1 141.1

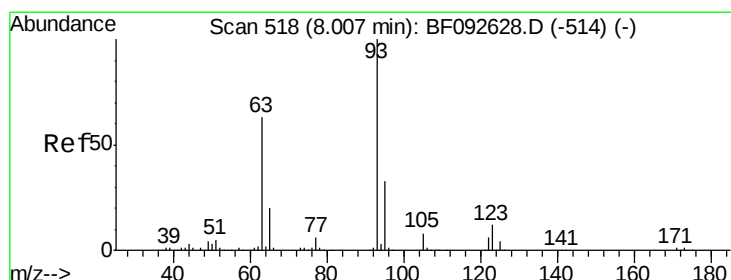
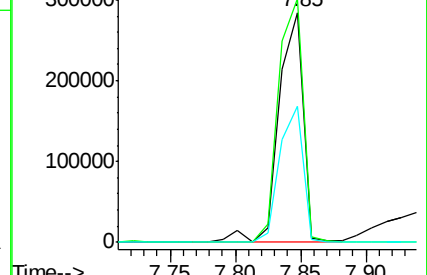
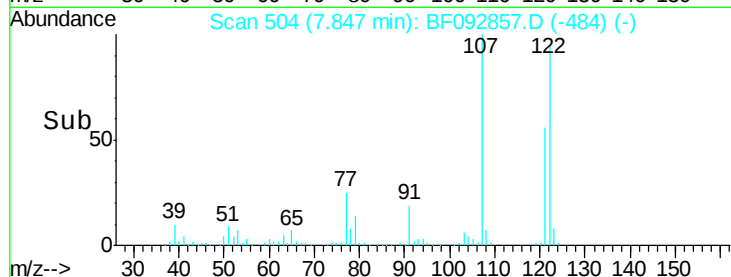
121 58.9 46.0 69.0



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: 41.27 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

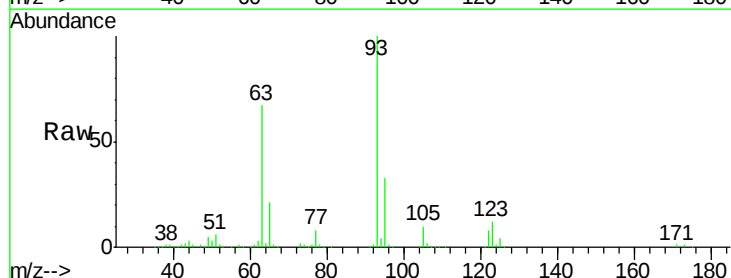
Tgt Ion: 93 Resp: 508990

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

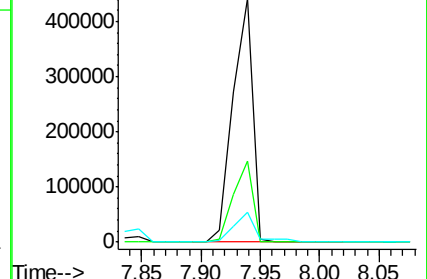
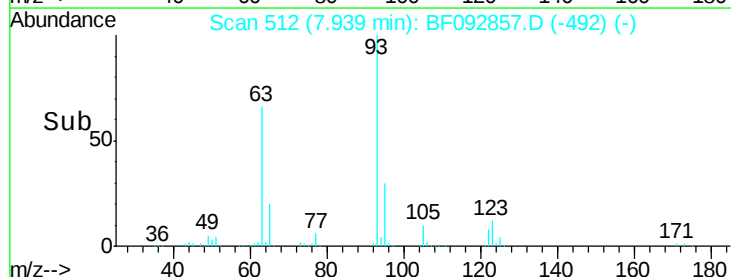
123 12.0 8.6 13.0

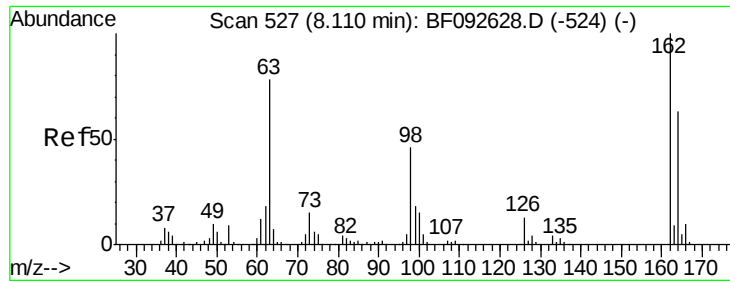


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

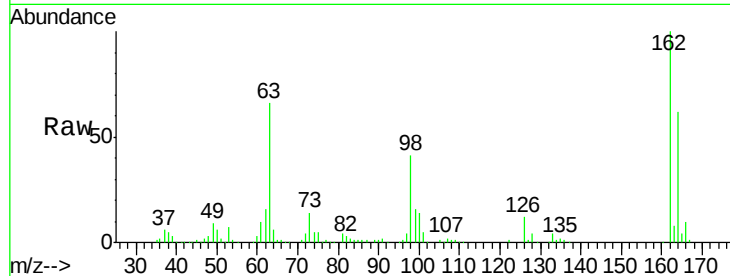




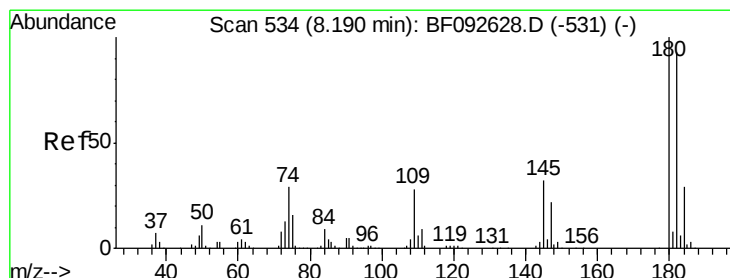
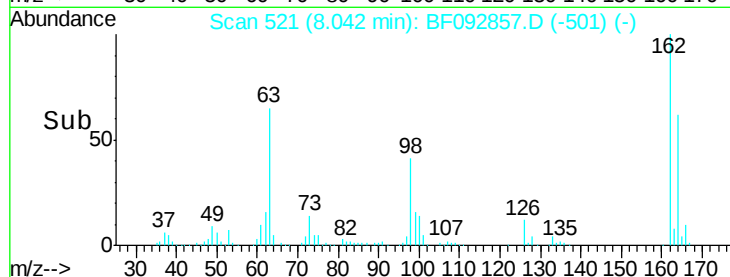
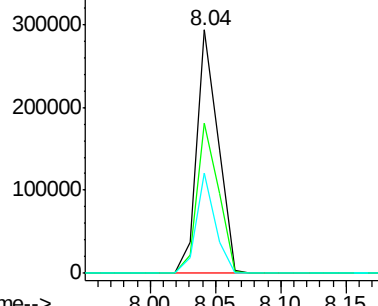
#29
 2,4-Dichlorophenol
 Concen: 41.58 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.8	46.8	86.8
98	41.3	9.1	49.1

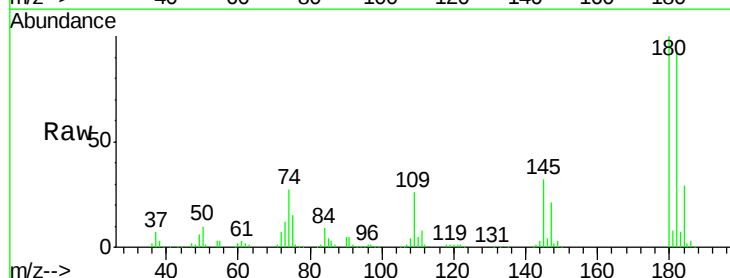


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

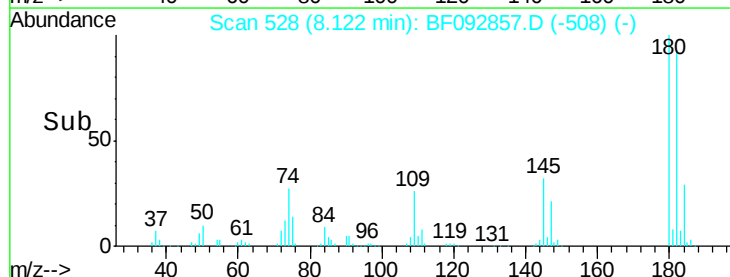
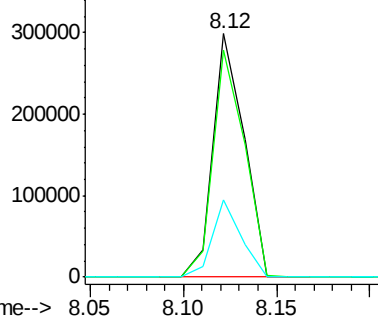


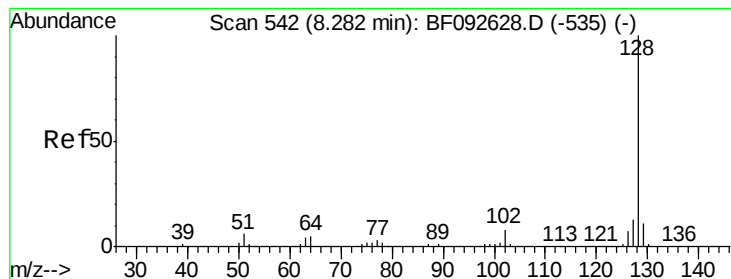
#30
 1,2,4-Trichlorobenzene
 Concen: 39.97 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	78.2	117.4
145	31.7	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.79 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.08 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

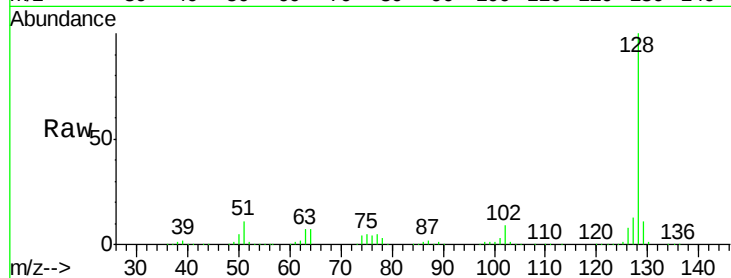
Tgt Ion:128 Resp: 1066170

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

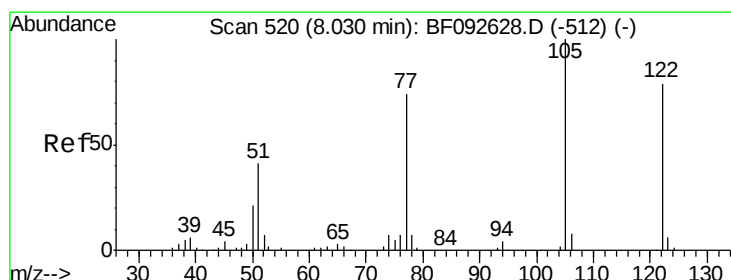
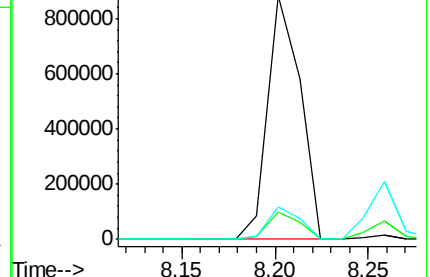
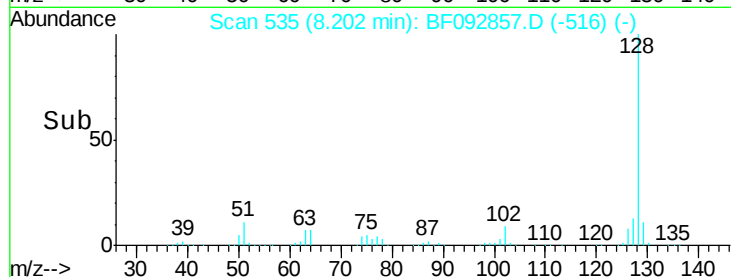
127 13.3 10.8 16.2



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: 45.19 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.06 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

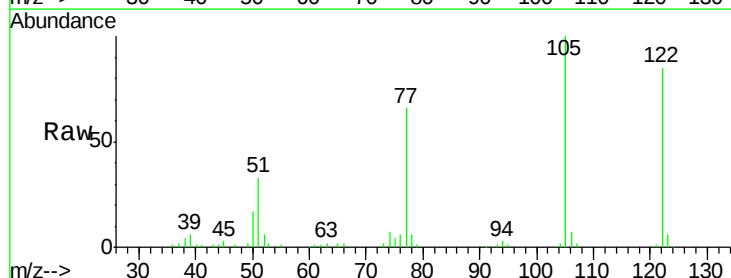
Tgt Ion:122 Resp: 216973

Ion Ratio Lower Upper

122 100

105 118.1 107.2 147.2

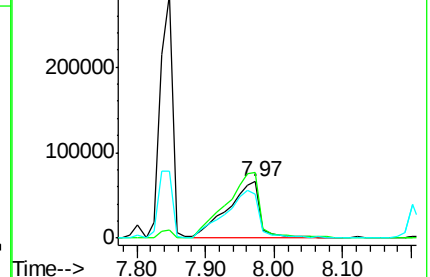
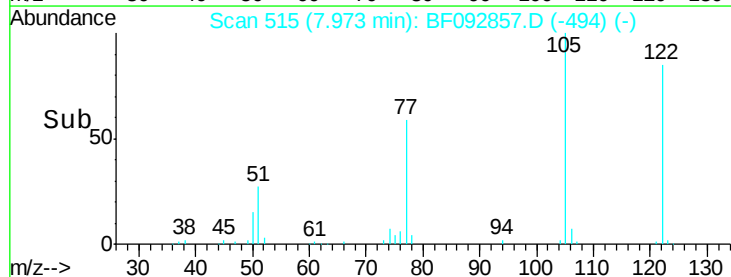
77 78.2 74.5 114.5

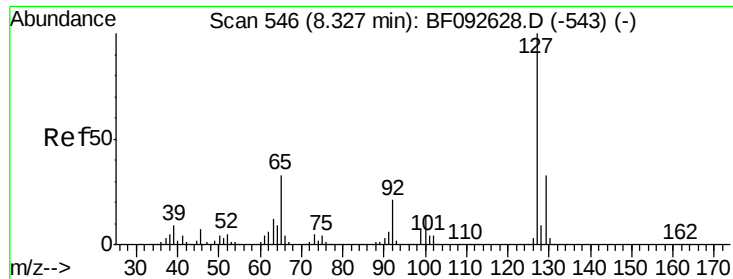


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

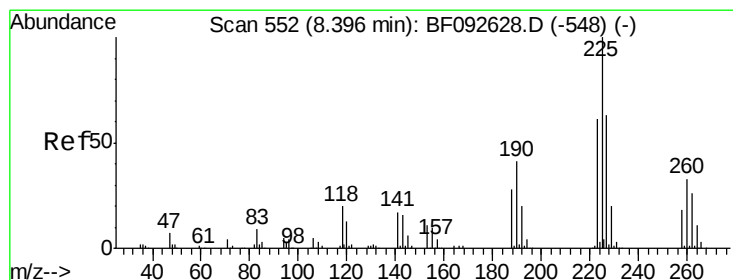
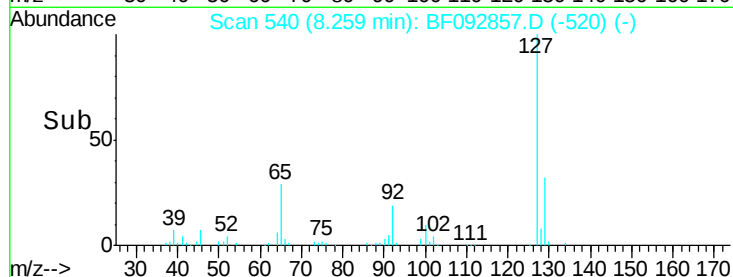
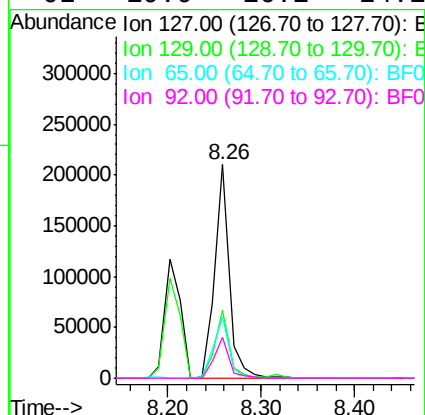
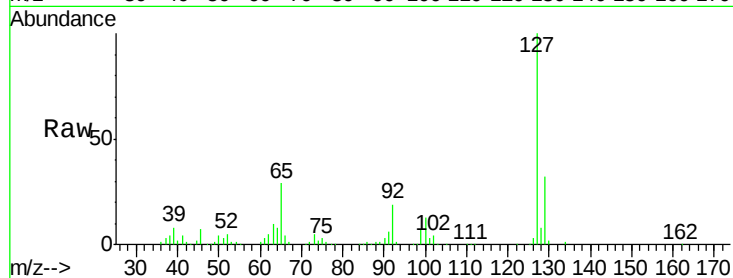




#33
 4-Chloroaniline
 Concen: 20.87 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

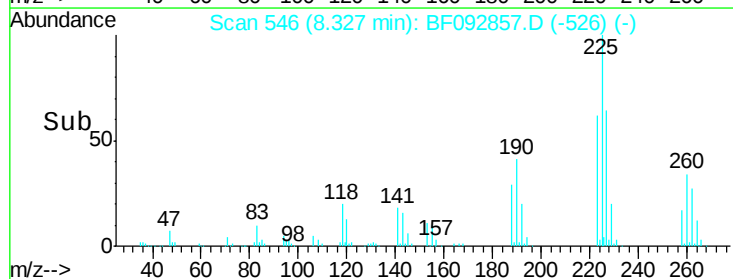
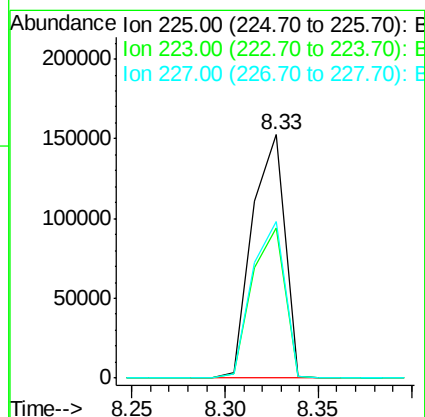
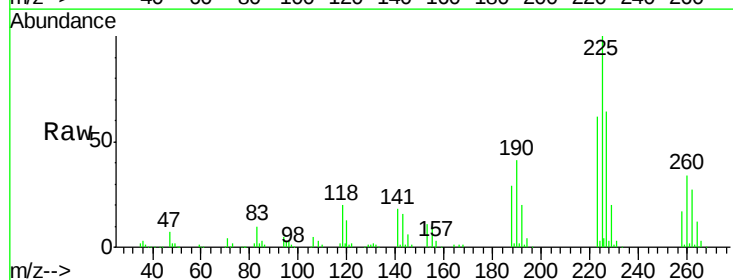
Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

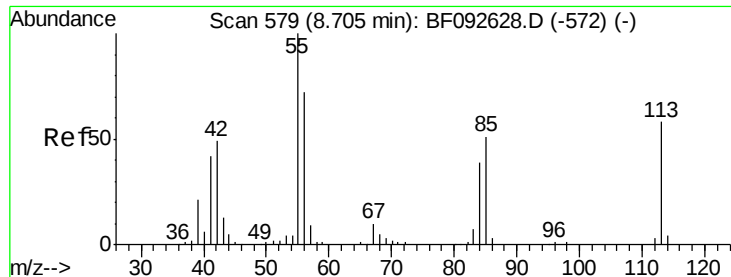
Tgt Ion:	127	Resp:	230965
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	28.8	25.8	38.8
92	19.0	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 38.94 ng
 RT: 8.33 min Scan# 546
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:	225	Resp:	184456
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.6
227	64.2	50.6	76.0

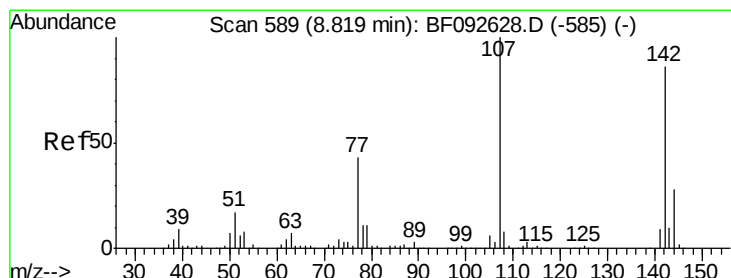
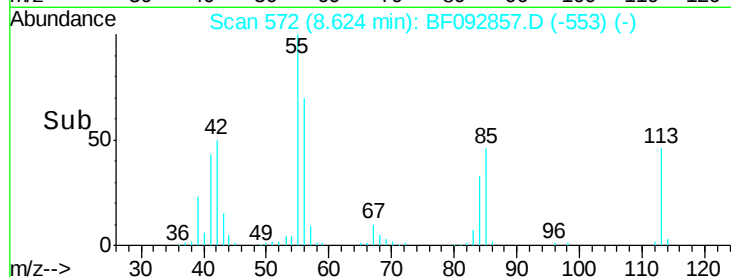
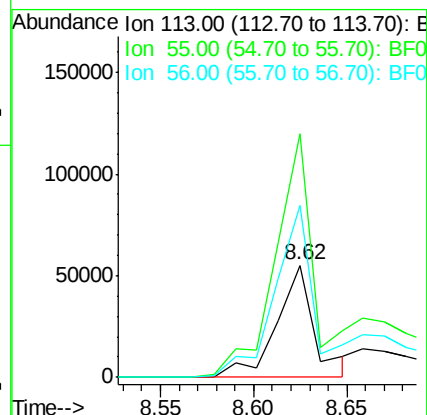
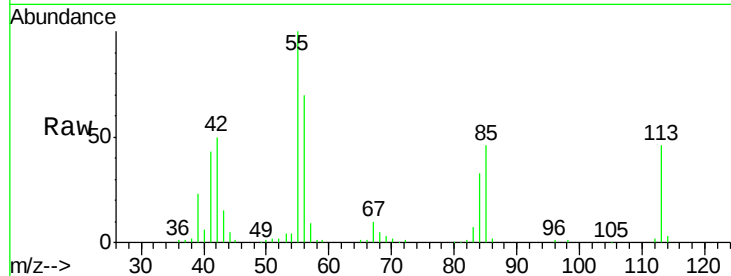




#35
 Caprolactam
 Concen: 30.94 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.08 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

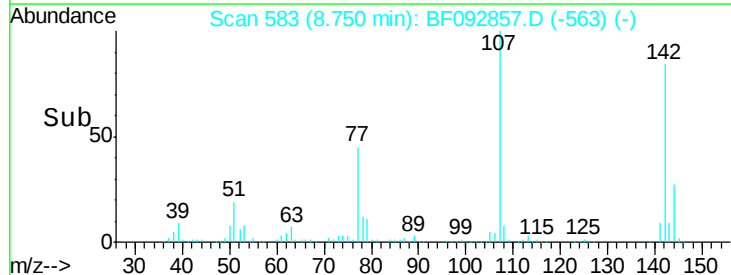
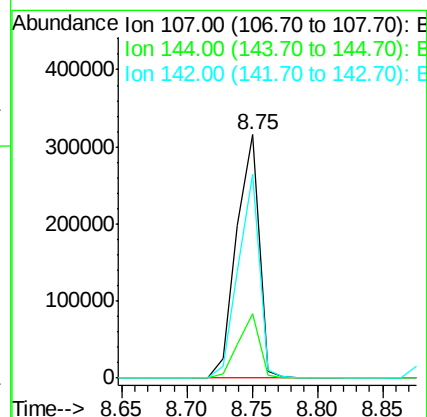
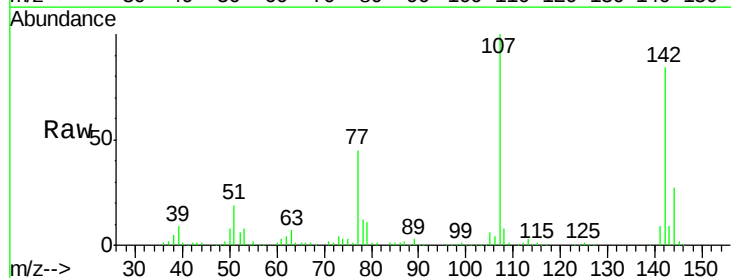
Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

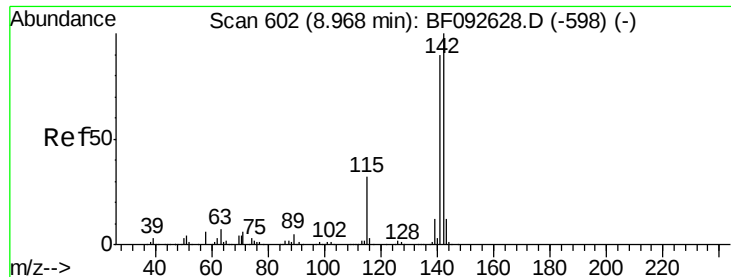
Tgt Ion:113 Resp: 77765
 Ion Ratio Lower Upper
 113 100
 55 216.7 119.2 159.2#
 56 152.6 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 45.42 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:107 Resp: 378327
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.3 28.9
 142 83.7 59.0 88.6

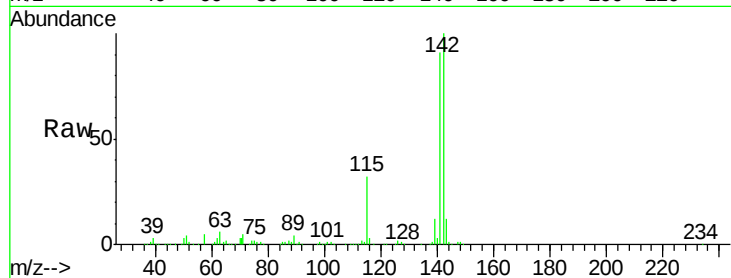




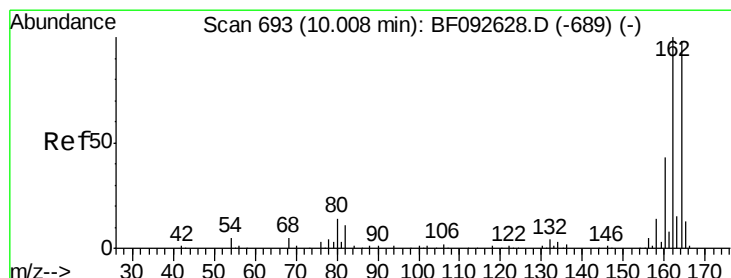
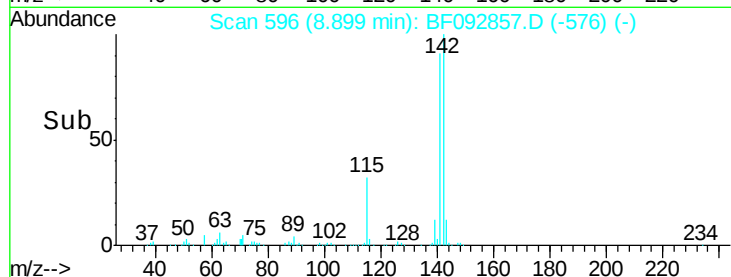
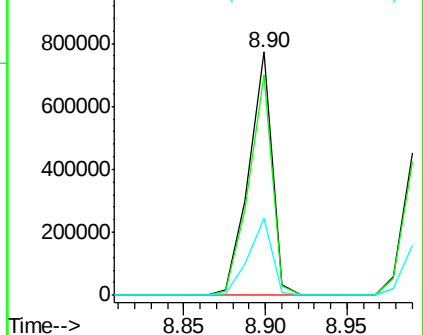
#37
 2-Methylnaphthalene
 Concen: 42.41 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tgt Ion:142 Resp: 768210
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.0 106.6
 115 31.6 28.3 42.5

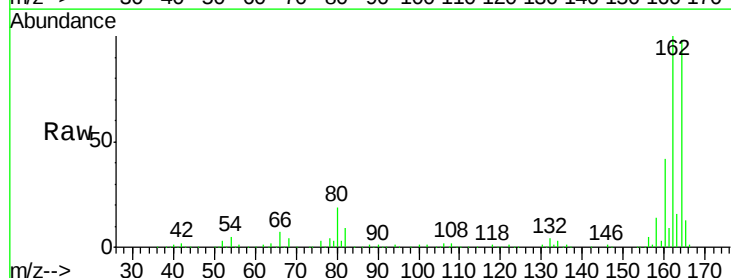


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

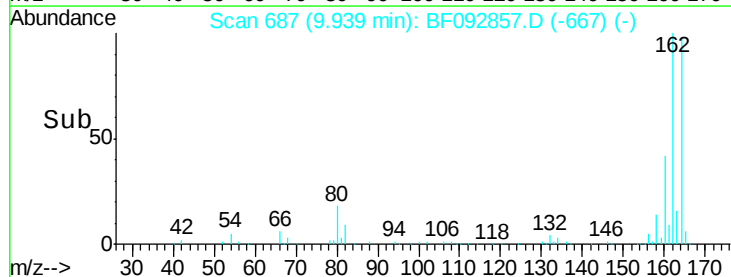
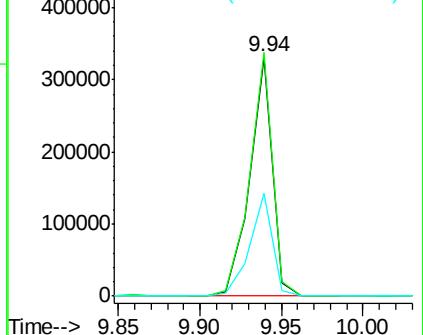


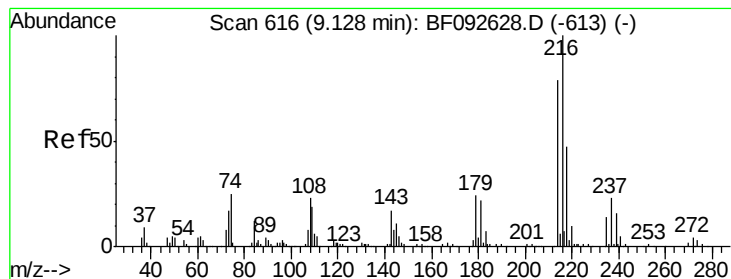
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:164 Resp: 317613
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 42.9 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.51 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

Tgt Ion:216 Resp: 325482

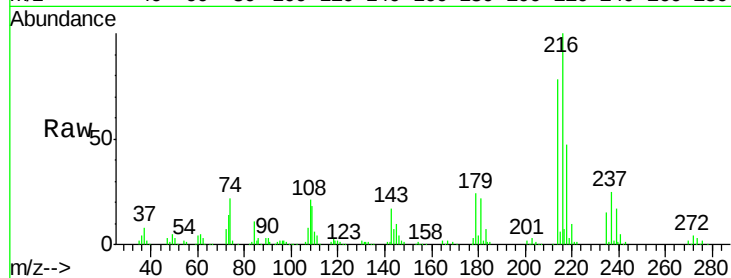
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 20.7 17.4 26.2

108 19.3 15.6 23.4

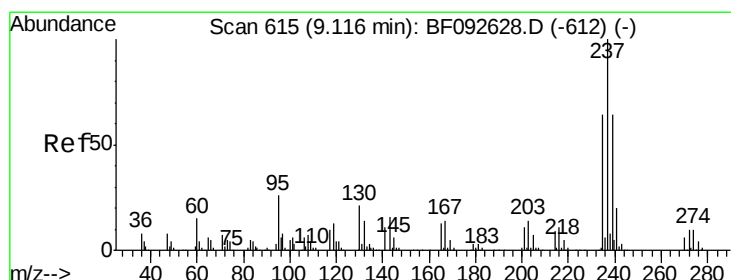
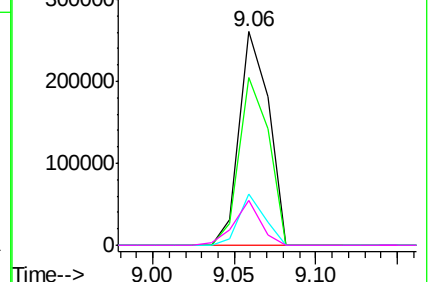
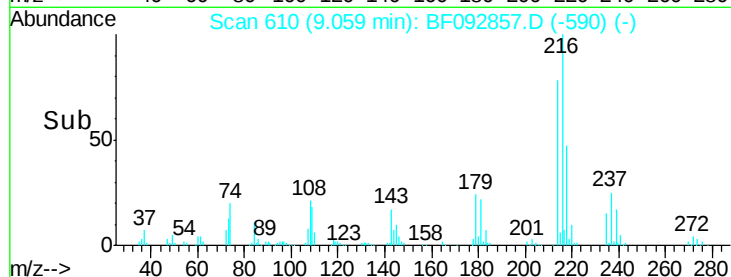


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 70.36 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

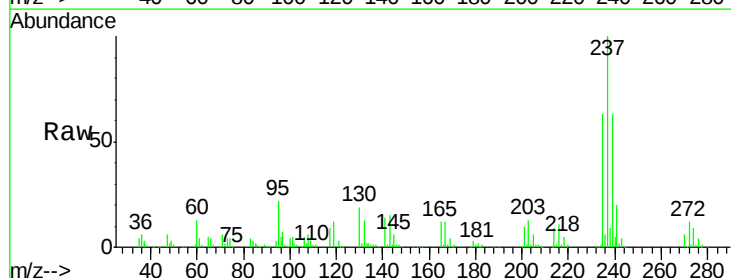
Tgt Ion:237 Resp: 283028

Ion Ratio Lower Upper

237 100

235 63.5 41.2 81.2

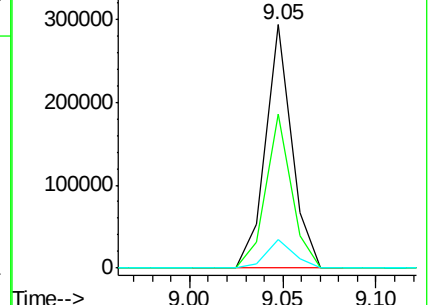
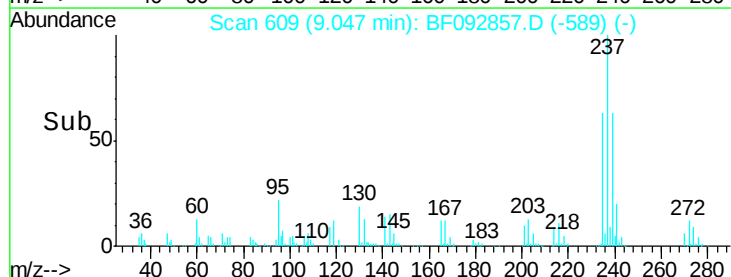
272 11.5 0.0 35.4

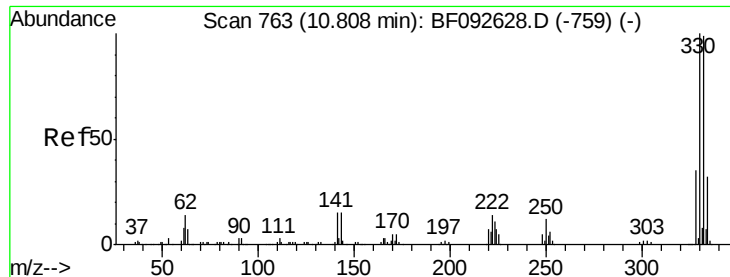


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

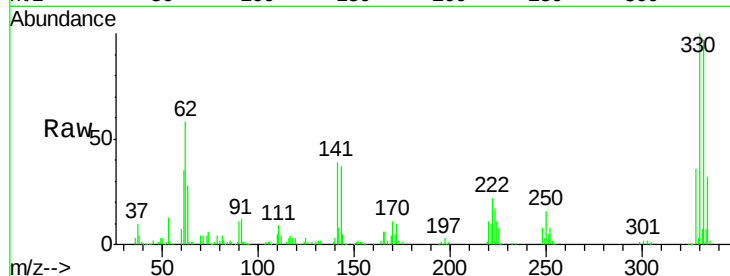




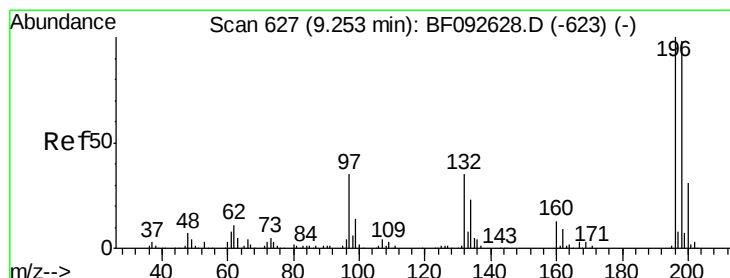
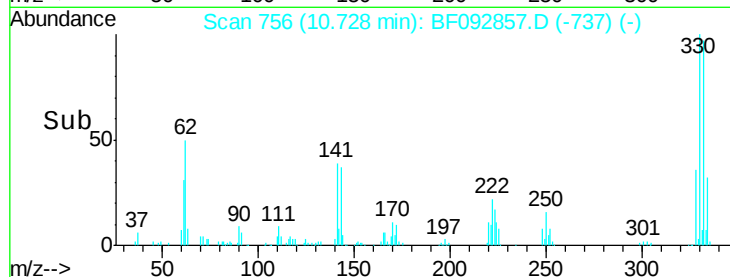
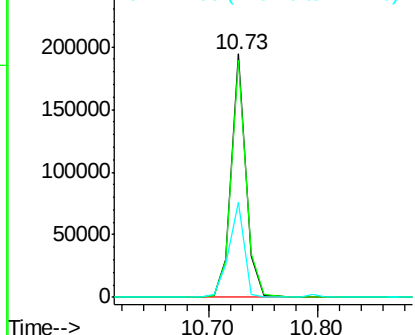
#41
 2,4,6-Tribromophenol
 Concen: 78.64 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tgt Ion:330 Resp: 180640
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.4 116.2
 141 41.0 34.1 51.1

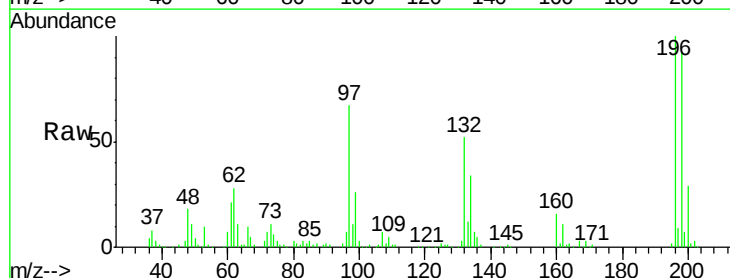


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

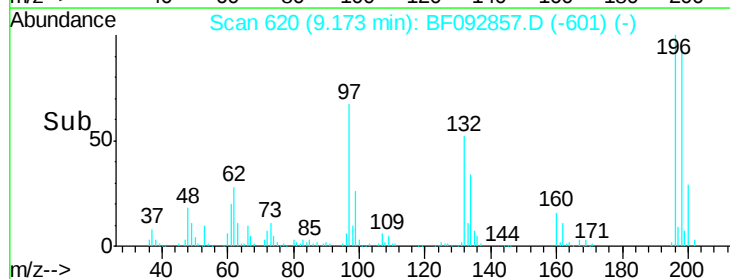
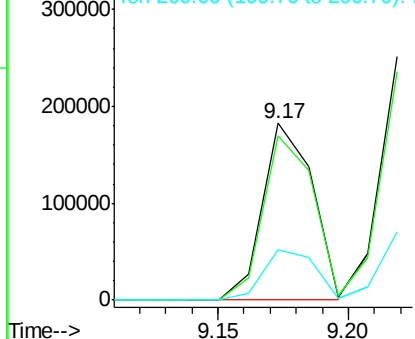


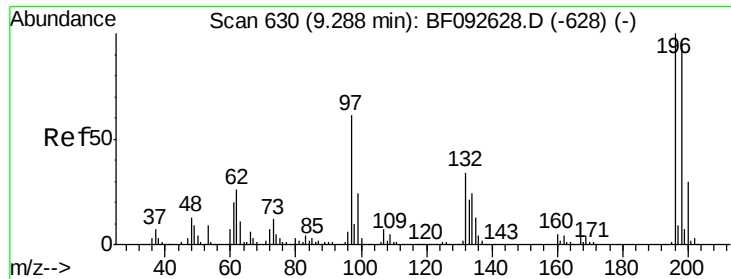
#42
 2,4,6-Trichlorophenol
 Concen: 41.07 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.08 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:196 Resp: 240586
 Ion Ratio Lower Upper
 196 100
 198 92.7 82.1 123.1
 200 28.8 27.0 40.4



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

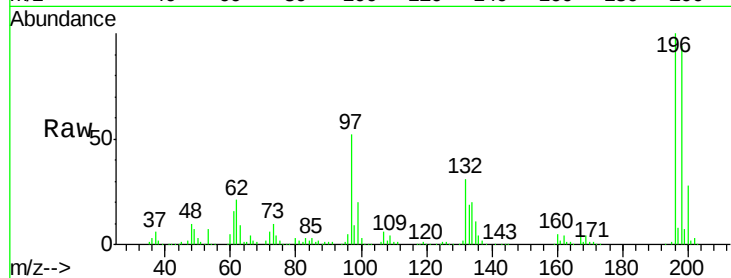




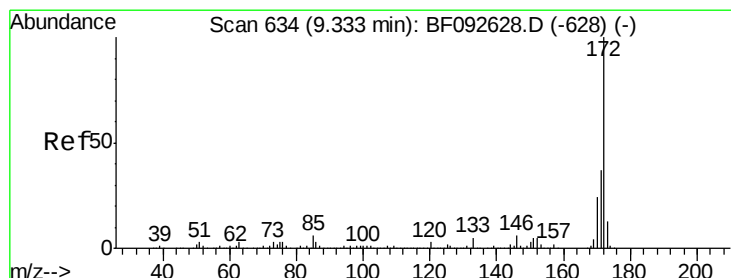
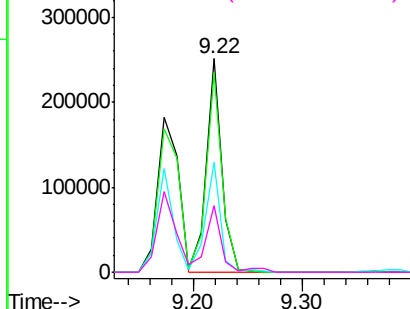
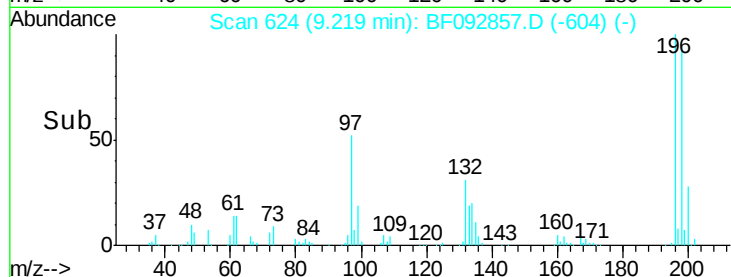
#43
 2,4,5-Trichlorophenol
 Concen: 39.24 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tgt Ion:196 Resp: 251874
 Ion Ratio Lower Upper
 196 100
 198 93.5 79.4 119.2
 97 51.8 51.5 77.3
 132 30.9 27.4 41.2

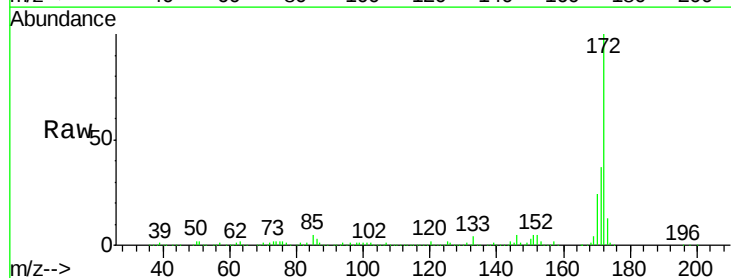


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

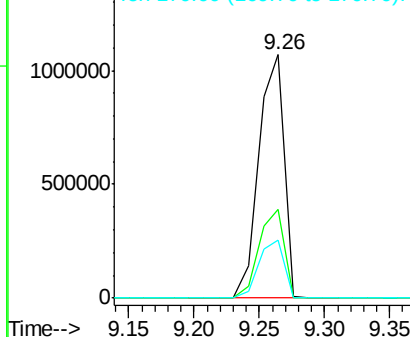
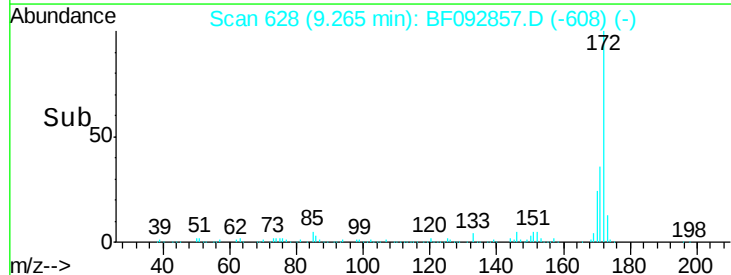


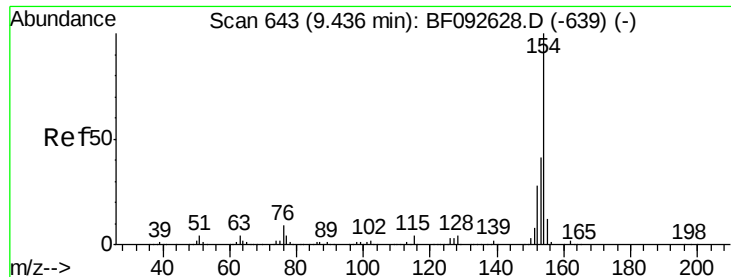
#44
 2-Fluorobiphenyl
 Concen: 82.29 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:172 Resp: 1442739
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.0 20.2 30.4



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

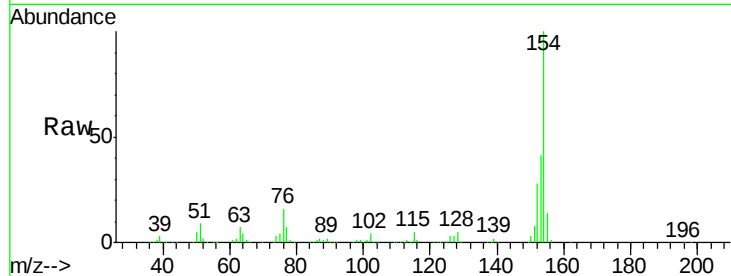




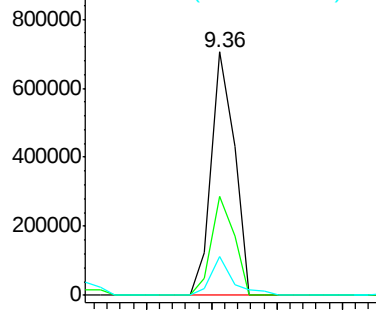
#45
 1,1'-Biphenyl
 Concen: 37.66 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.08 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

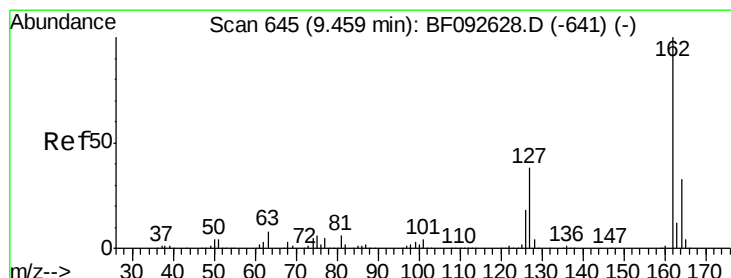
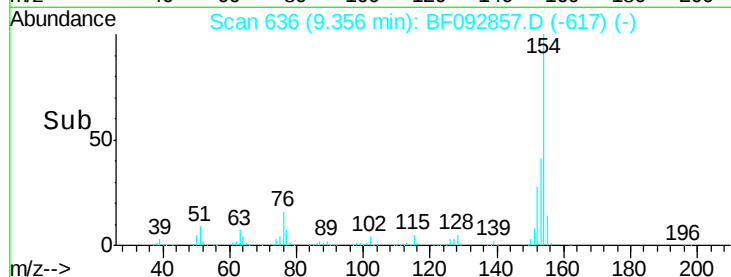
Tgt Ion:	154	Resp:	866136
Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.9	60.9
76	16.1	0.0	30.5



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

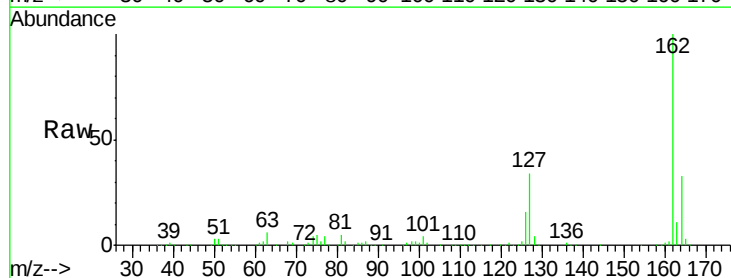


Time-->

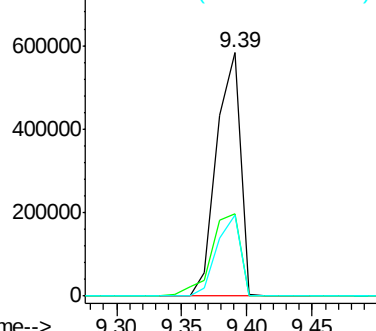


#46
 2-Chloronaphthalene
 Concen: 41.10 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

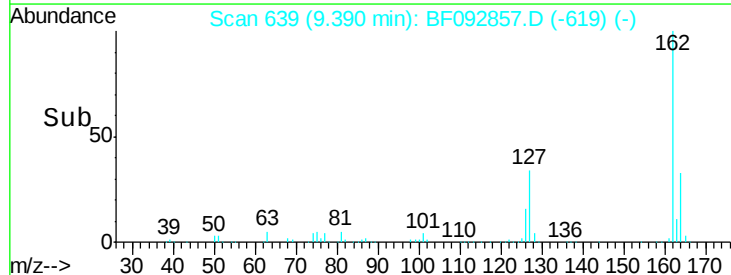
Tgt Ion:	162	Resp:	739510
Ion	Ratio	Lower	Upper
162	100		
127	33.9	30.7	46.1
164	33.3	27.6	41.4

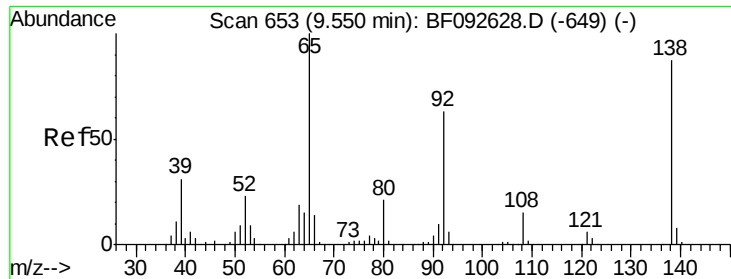


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->

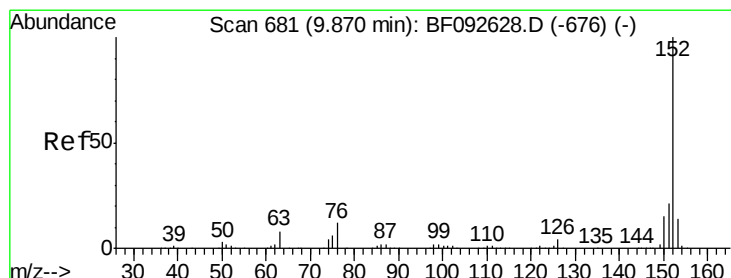
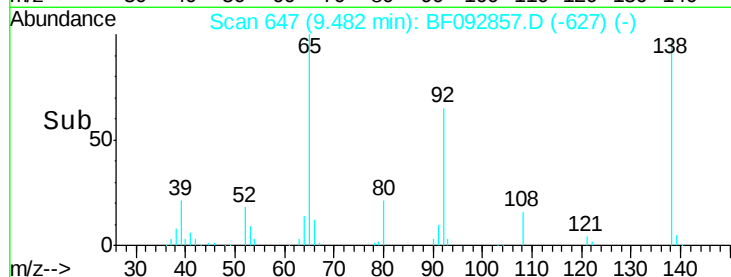
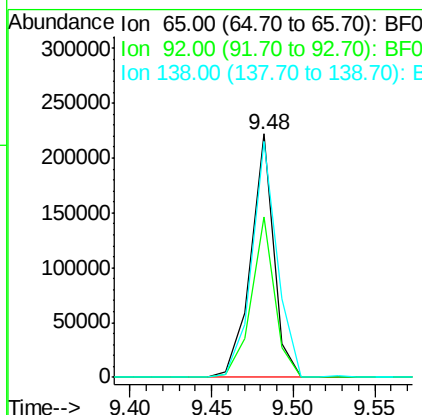
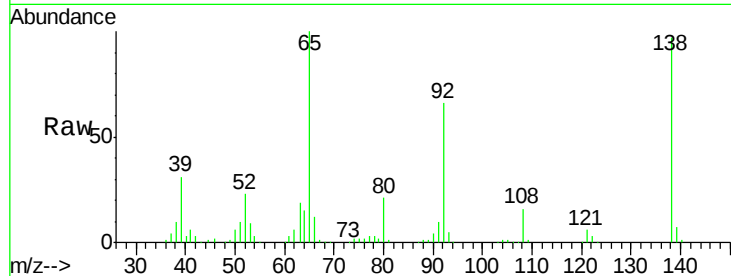




#47
2-Nitroaniline
Concen: 35.98 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

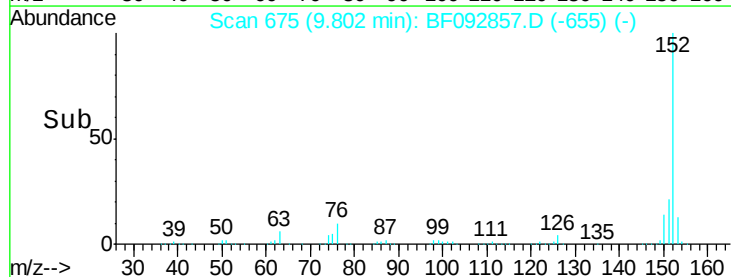
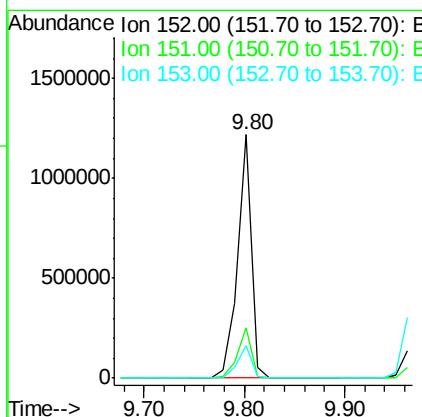
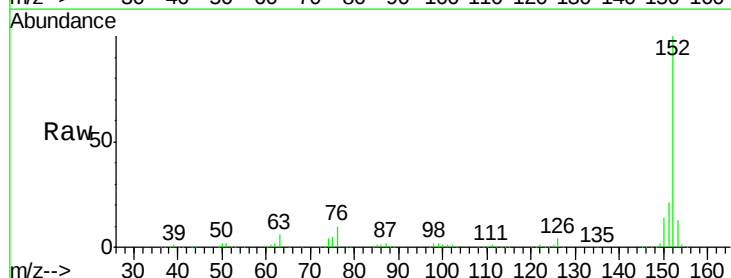
Instrument :
BNA_F
ClientSampleId :
PB96810BSD

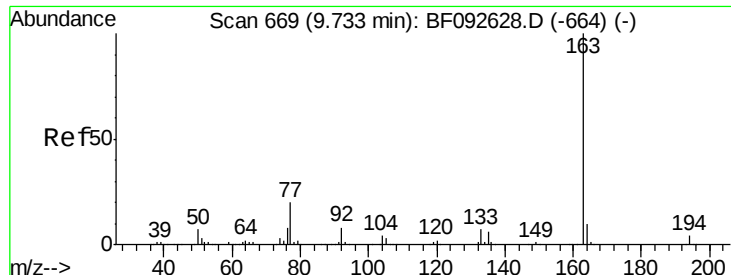
Tgt Ion: 65 Resp: 217622
Ion Ratio Lower Upper
65 100
92 66.1 53.9 80.9
138 96.7 76.8 115.2



#48
Acenaphthylene
Concen: 37.41 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion: 152 Resp: 1162661
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.3 11.4 17.2





#49

Dimethylphthalate

Concen: 41.60 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

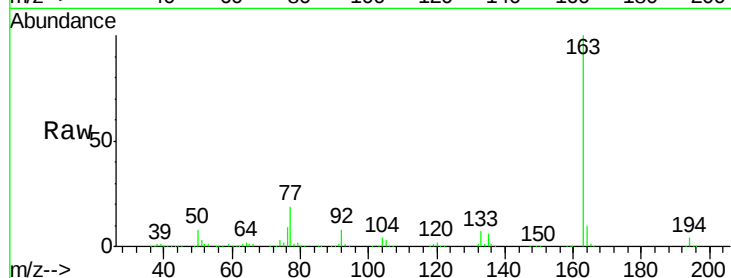
Tgt Ion:163 Resp: 889995

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

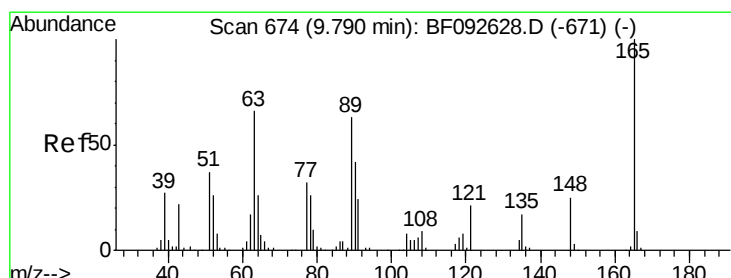
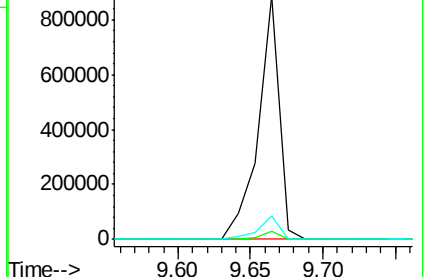
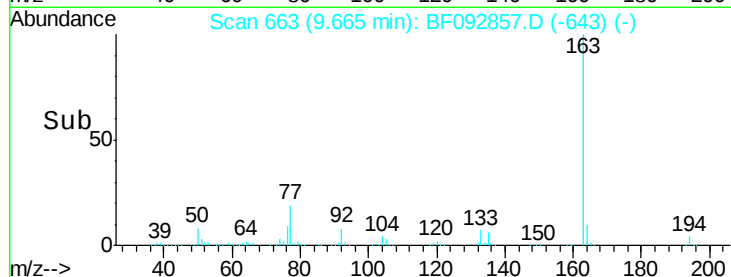
164 9.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.06 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

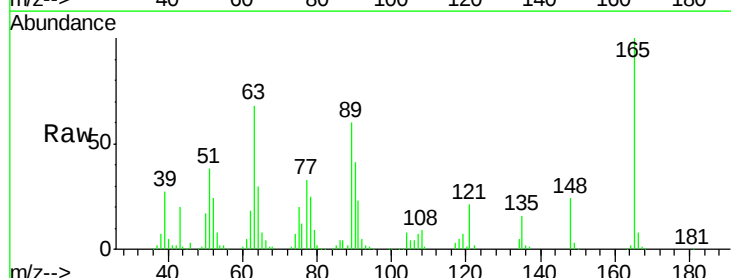
Tgt Ion:165 Resp: 180459

Ion Ratio Lower Upper

165 100

63 68.4 36.2 54.4#

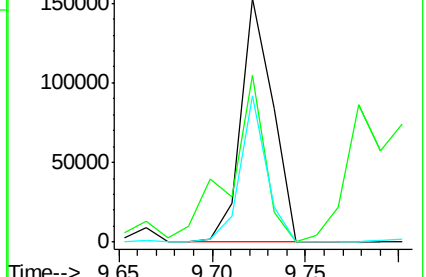
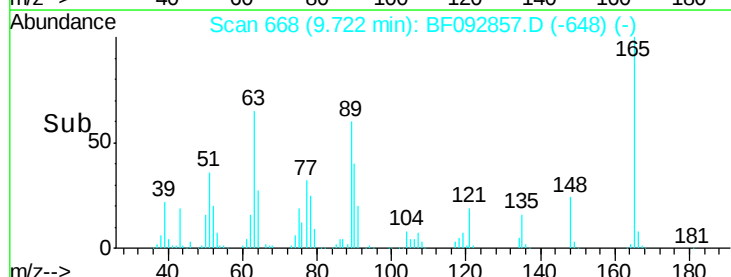
89 60.1 40.2 60.4

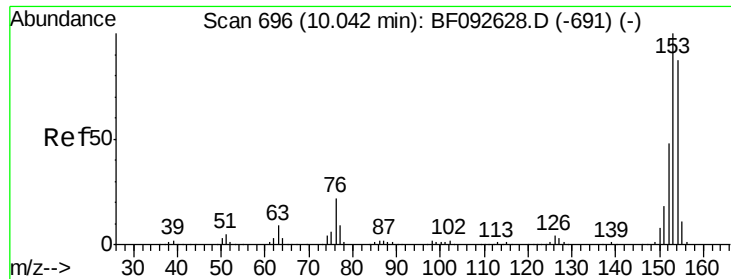


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.81 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

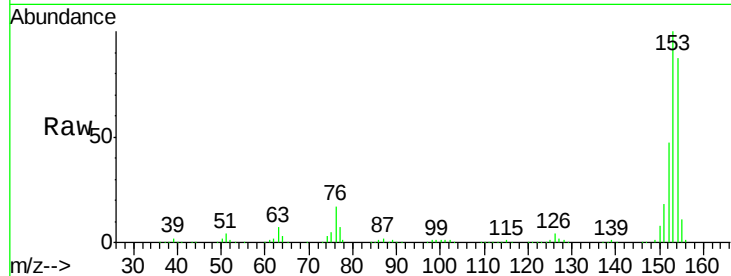
Tgt Ion:154 Resp: 721086

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

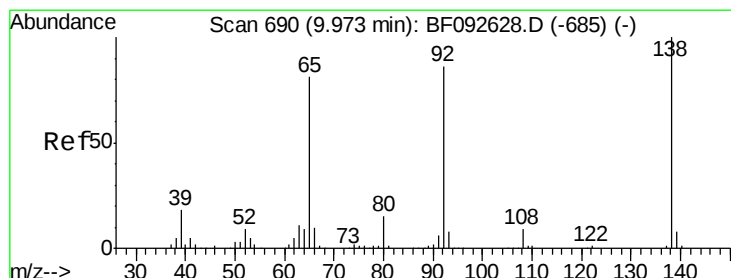
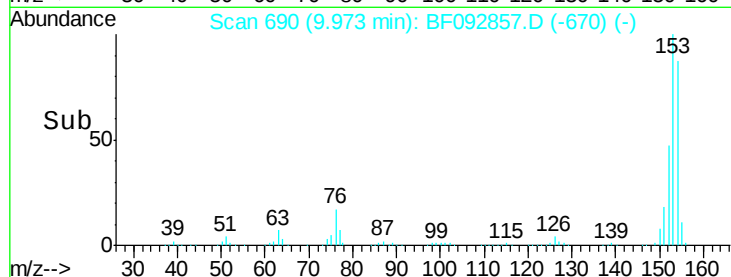
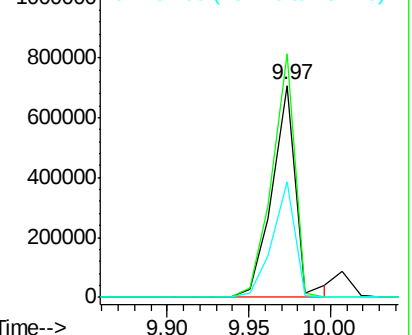
152 54.5 41.6 62.4



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: 24.63 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

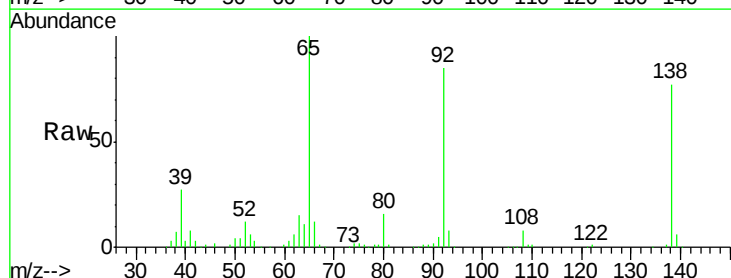
Tgt Ion:138 Resp: 130237

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

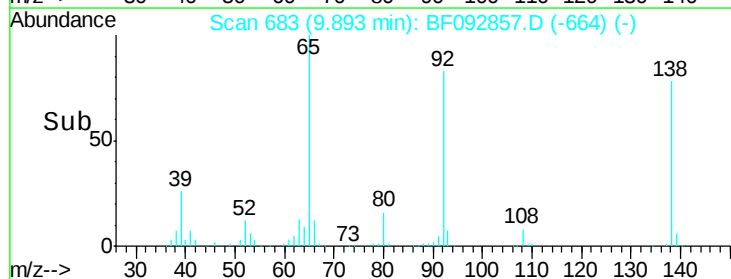
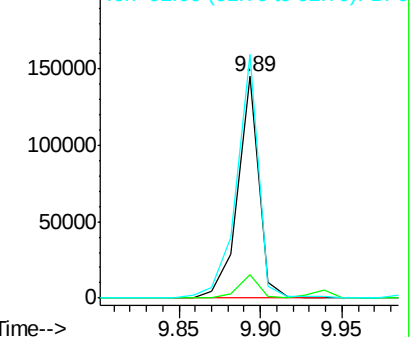
92 110.0 97.8 146.8

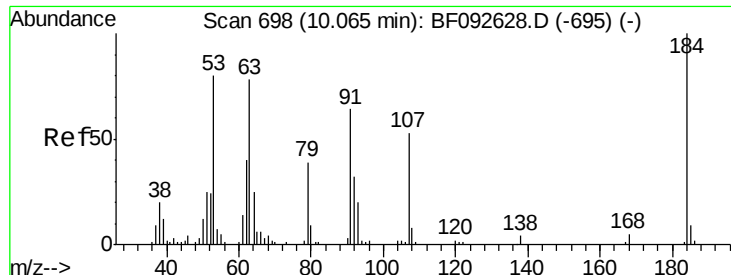


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

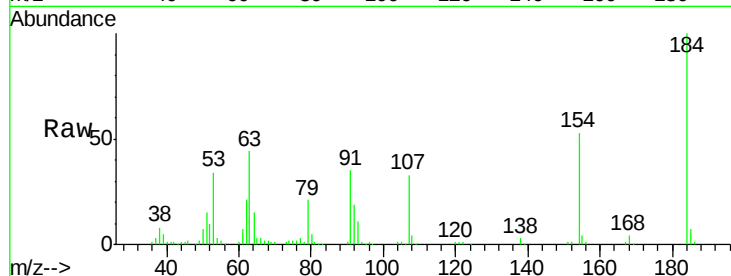




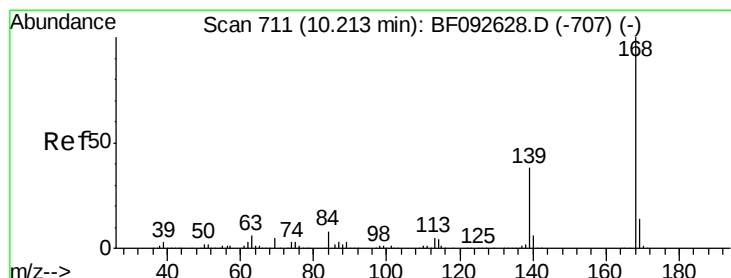
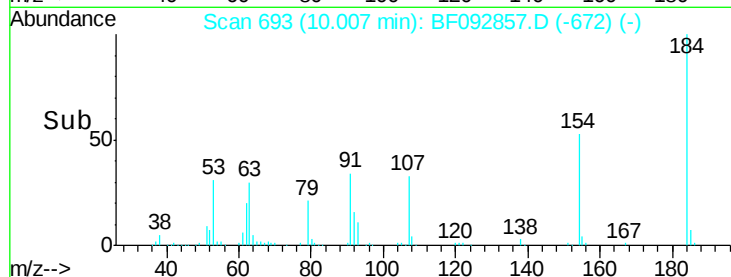
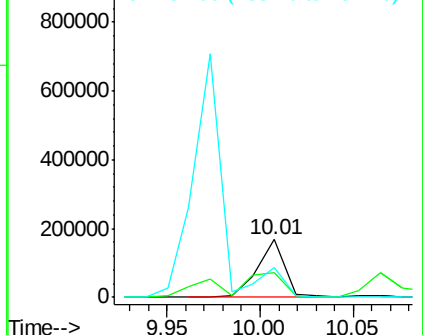
#53
2,4-Dinitrophenol
Concen: 73.12 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.06 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tgt Ion:184 Resp: 170829
Ion Ratio Lower Upper
184 100
63 43.5 28.4 42.6#
154 52.5 44.3 66.5

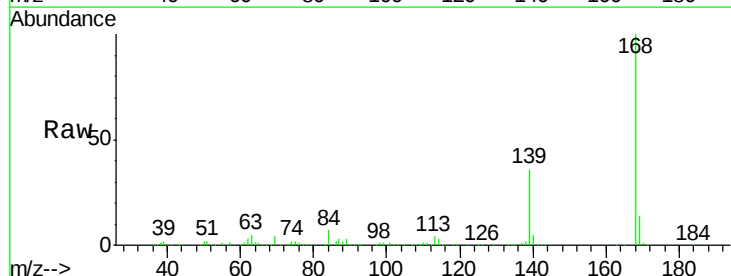


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

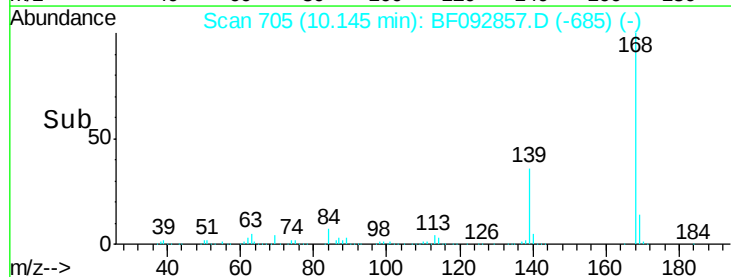
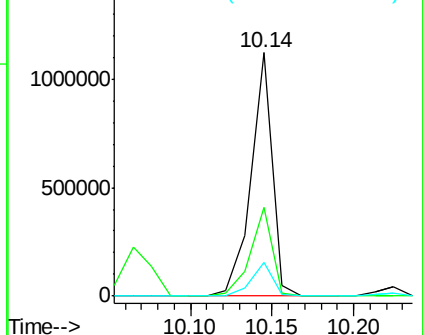


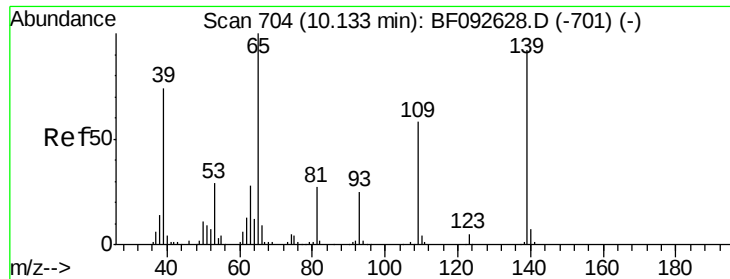
#54
Dibenzofuran
Concen: 40.81 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion:168 Resp: 1014264
Ion Ratio Lower Upper
168 100
139 36.3 32.6 49.0
169 13.8 11.3 16.9



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

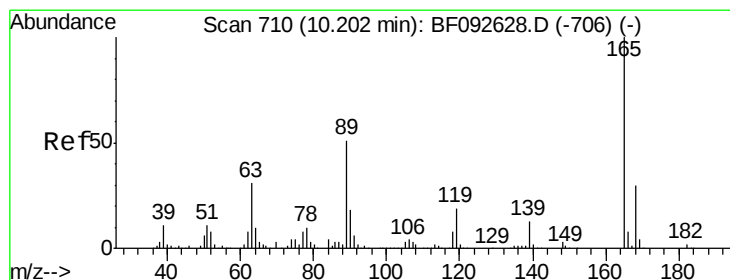
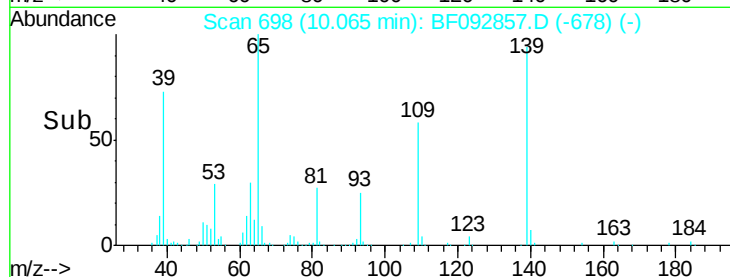
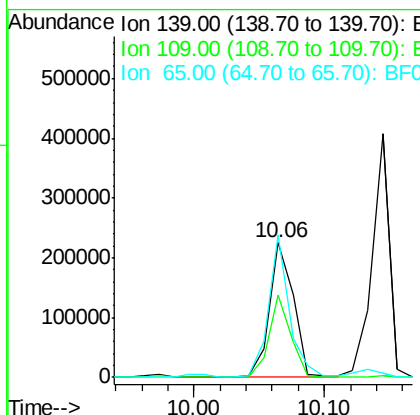
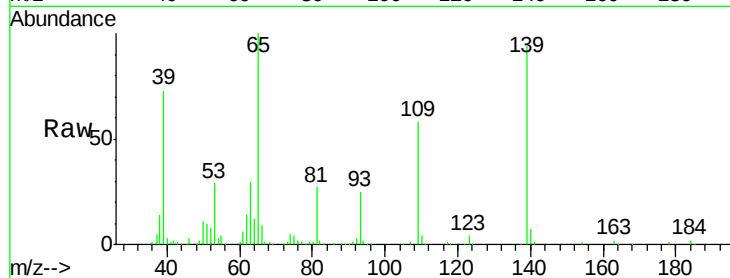




#55
4-Nitrophenol
Concen: 75.70 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

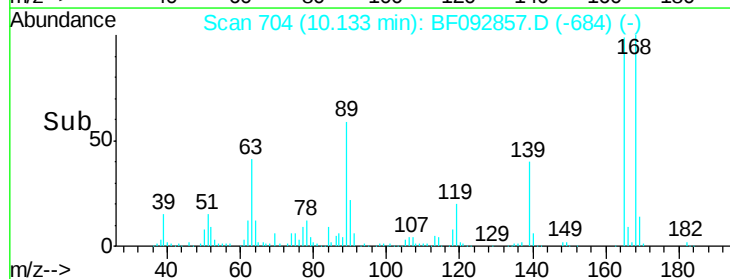
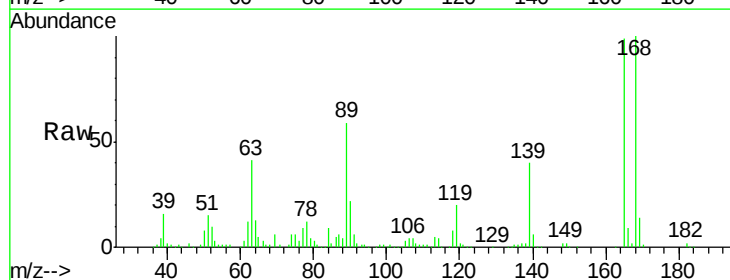
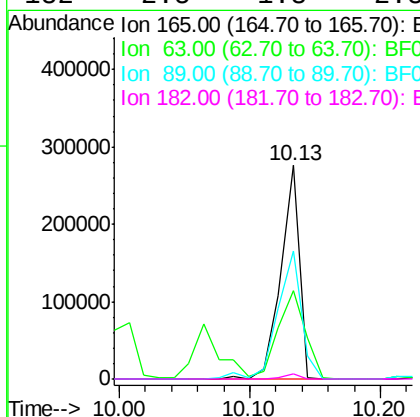
Instrument :
BNA_F
ClientSampled :
PB96810BSD

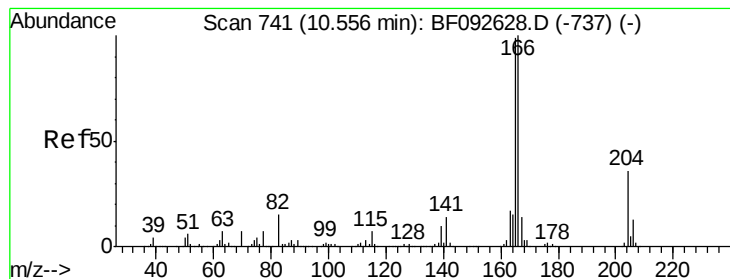
Tgt Ion:139 Resp: 288286
Ion Ratio Lower Upper
139 100
109 61.2 52.2 92.2
65 106.4 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 45.09 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion:165 Resp: 277314
Ion Ratio Lower Upper
165 100
63 41.4 40.2 60.4
89 60.0 62.5 93.7#
182 2.5 1.8 2.8





#57

Fluorene

Concen: 42.29 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

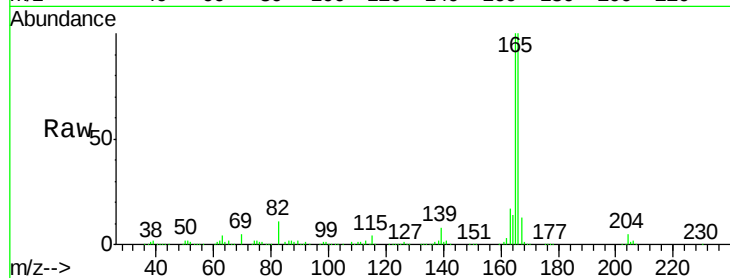
Tgt Ion:166 Resp: 808677

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.8

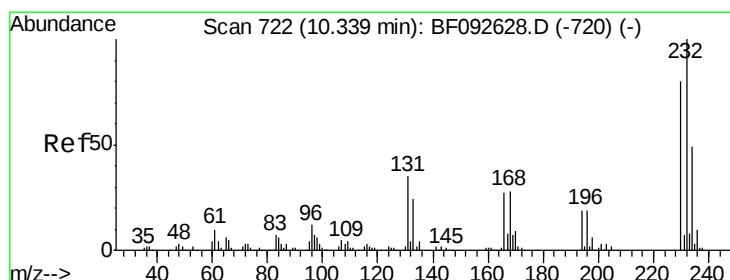
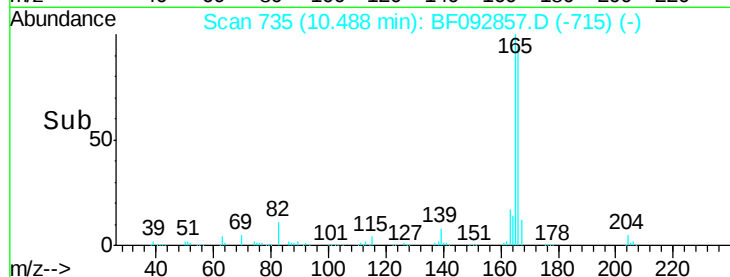
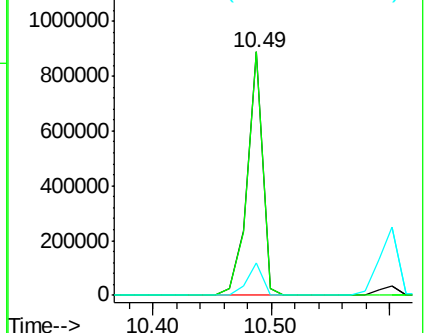
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.22 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.08 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion:232 Resp: 185069

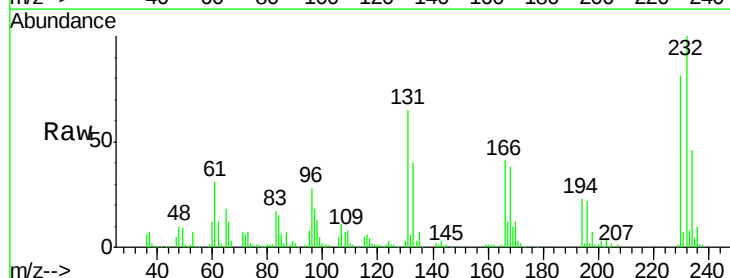
Ion Ratio Lower Upper

232 100

131 48.6 40.1 60.1

130 2.4 1.8 2.8

166 32.9 26.6 39.8

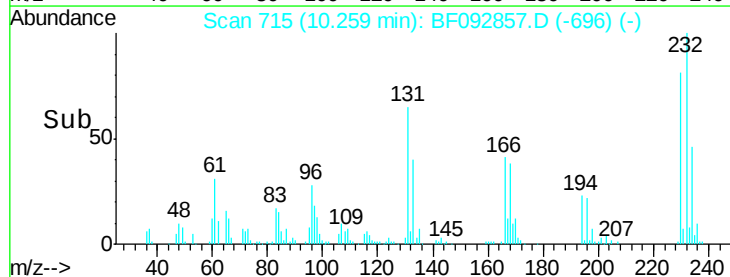
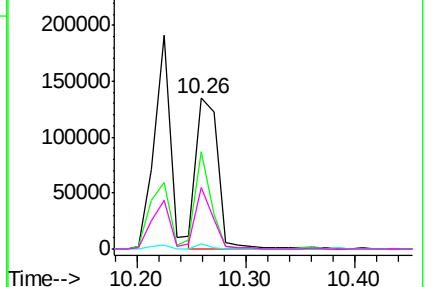


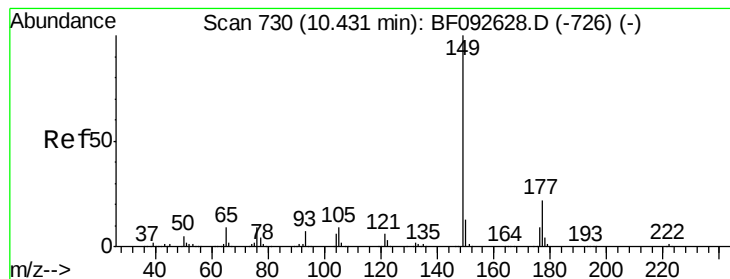
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.31 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

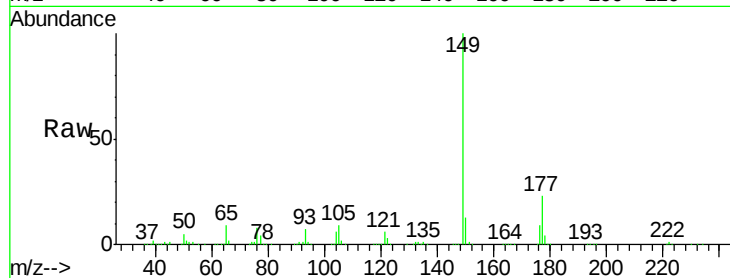
Tgt Ion:149 Resp: 873229

Ion Ratio Lower Upper

149 100

177 22.7 16.6 25.0

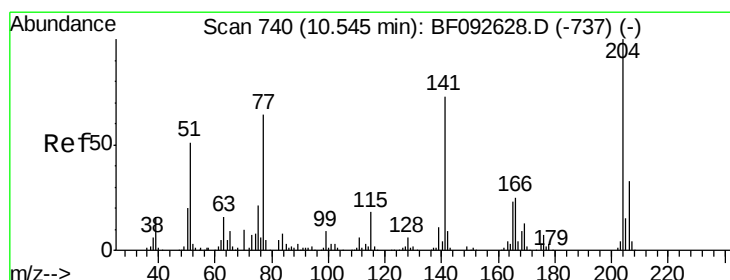
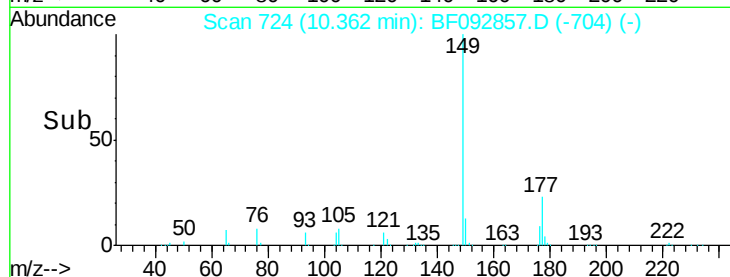
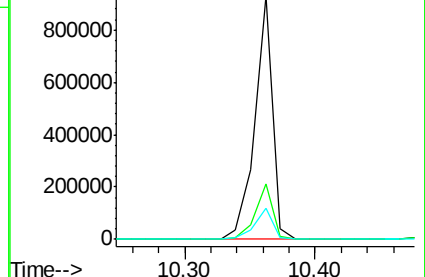
150 12.7 10.4 15.6



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: 38.15 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

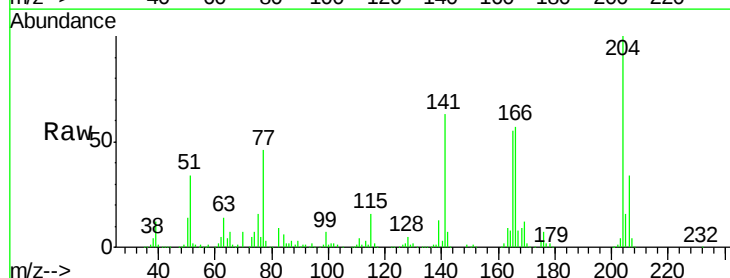
Tgt Ion:204 Resp: 350441

Ion Ratio Lower Upper

204 100

206 34.5 25.8 38.6

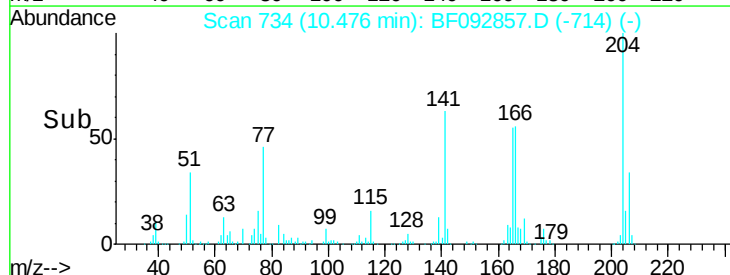
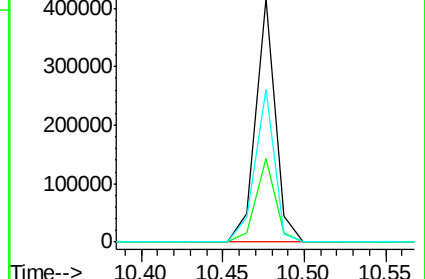
141 62.9 59.4 89.0

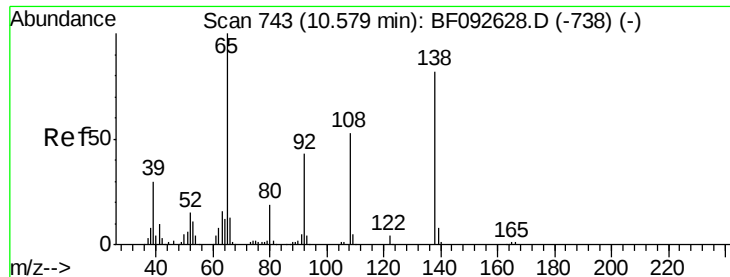


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

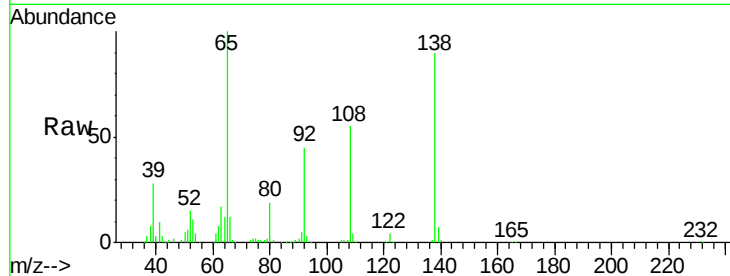




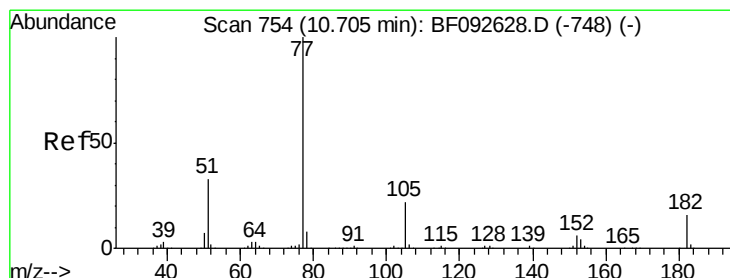
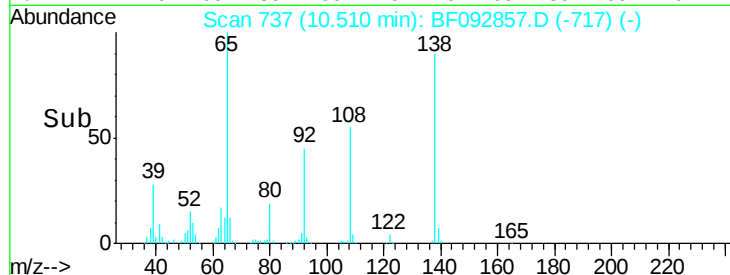
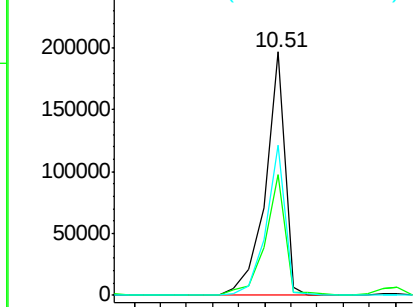
#61
4-Nitroaniline
Concen: 38.33 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tgt Ion: 138 Resp: 207596
Ion Ratio Lower Upper
138 100
92 49.8 31.7 71.7
108 61.7 52.6 92.6

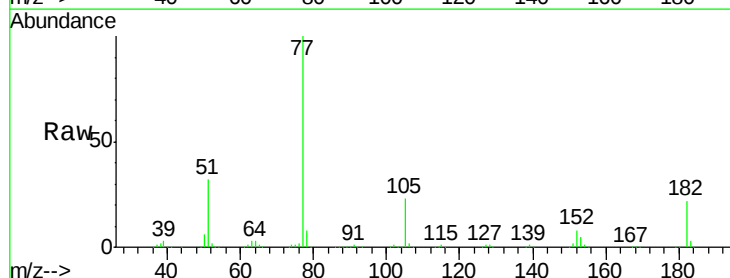


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

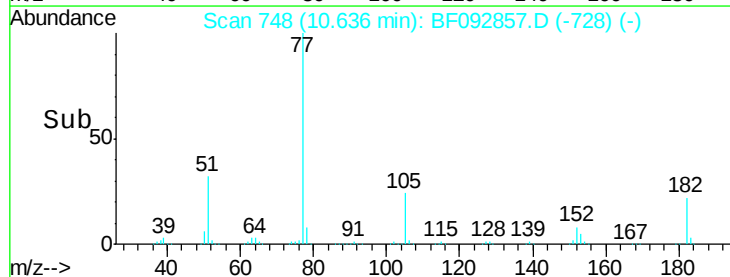
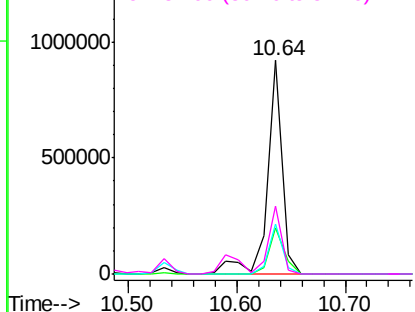


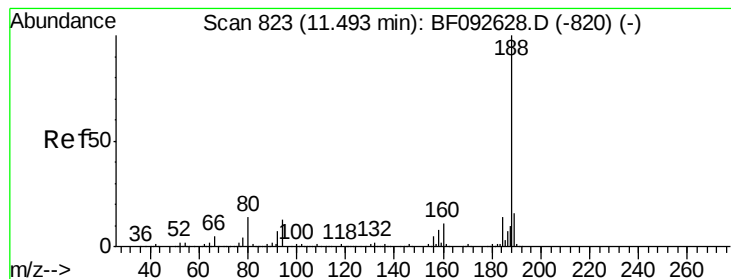
#62
Azobenzene
Concen: 42.59 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion: 77 Resp: 887014
Ion Ratio Lower Upper
77 100
182 21.7 0.0 39.3
105 23.5 2.3 42.3
51 31.7 8.9 48.9



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: 11.42 min Scan# 817

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

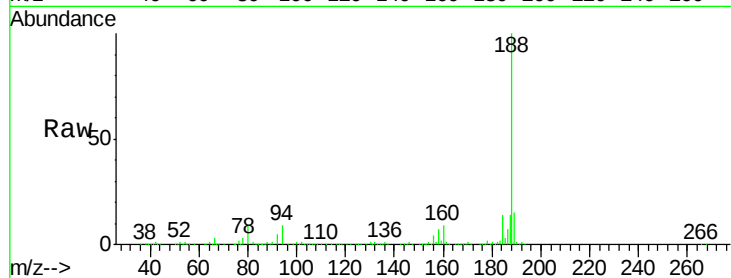
Tgt Ion:188 Resp: 521883

Ion Ratio Lower Upper

188 100

94 9.5 10.0 15.0#

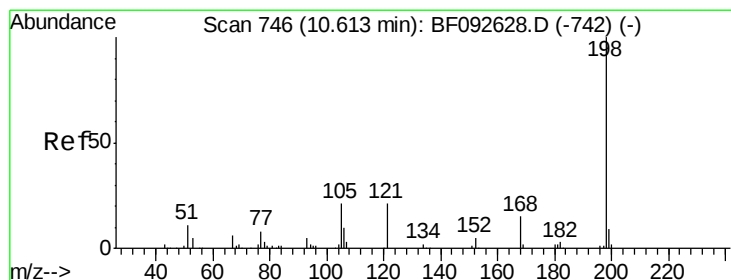
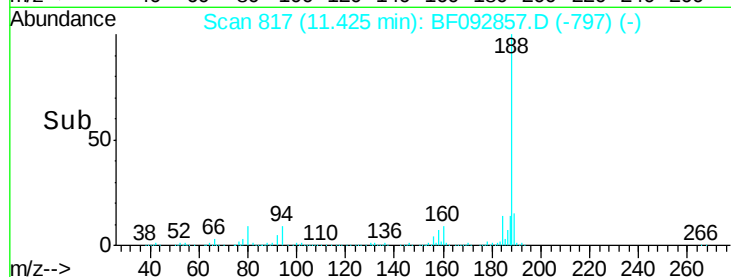
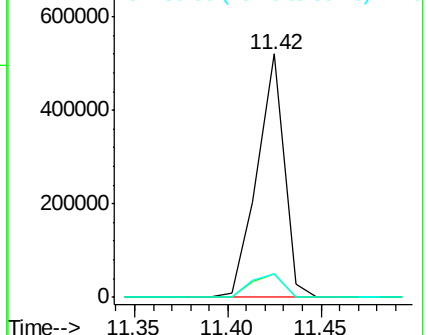
80 9.4 11.2 16.8#



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: 37.43 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.08 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

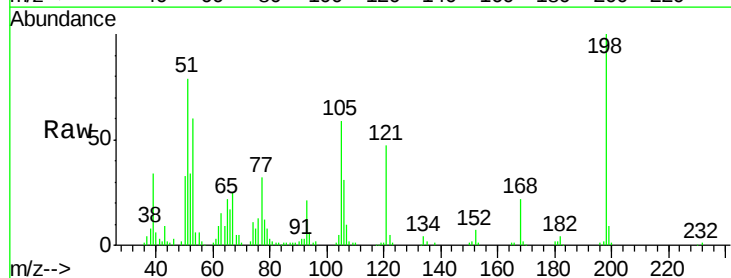
Tgt Ion:198 Resp: 116909

Ion Ratio Lower Upper

198 100

51 79.1 6.7 46.7#

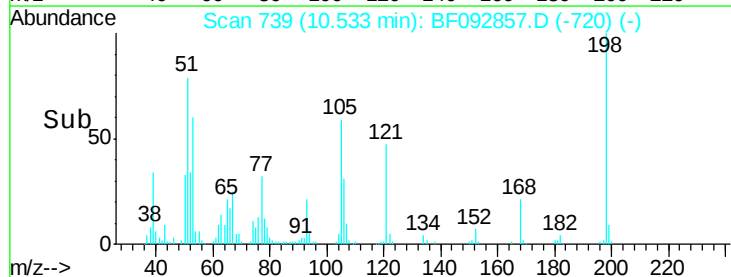
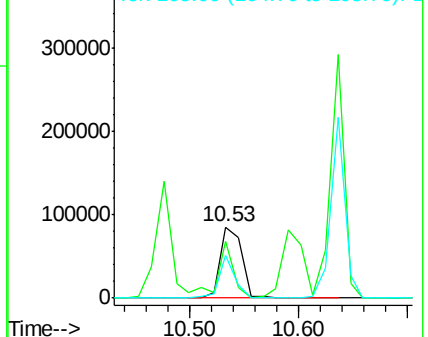
105 59.1 16.6 56.6#

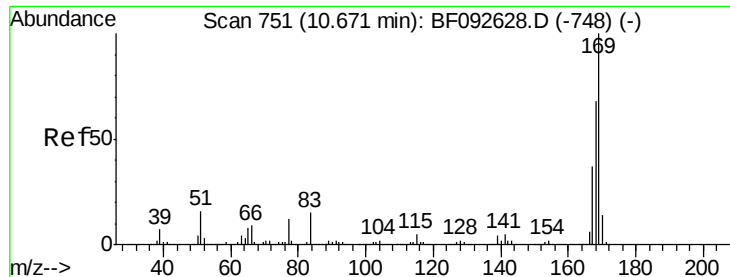


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

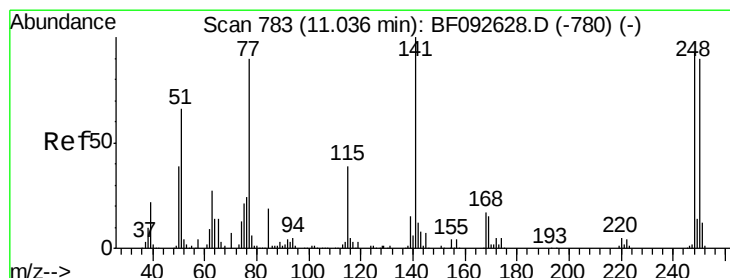
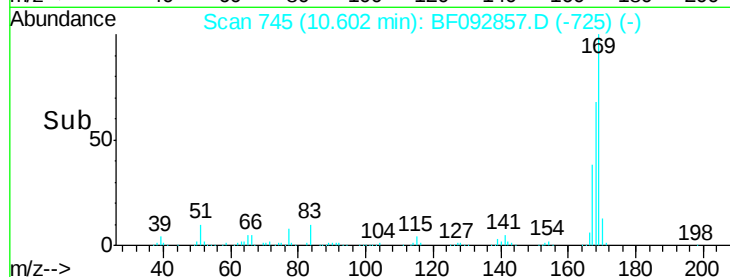
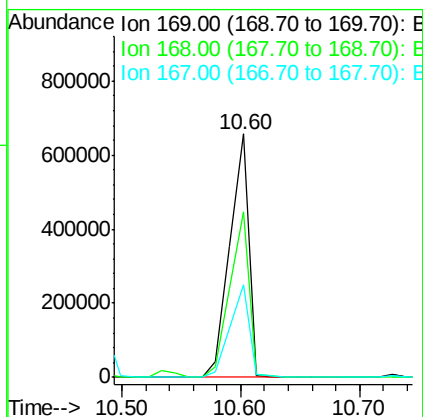
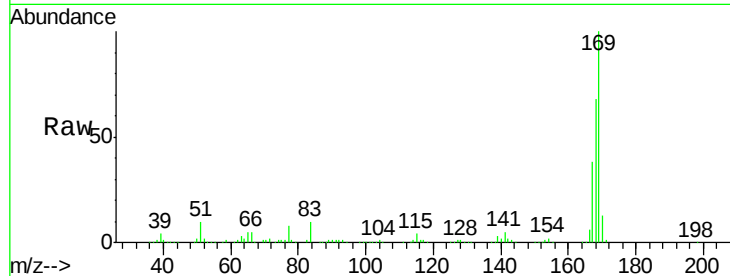




#65
n-Nitrosodiphenylamine
Concen: 43.80 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

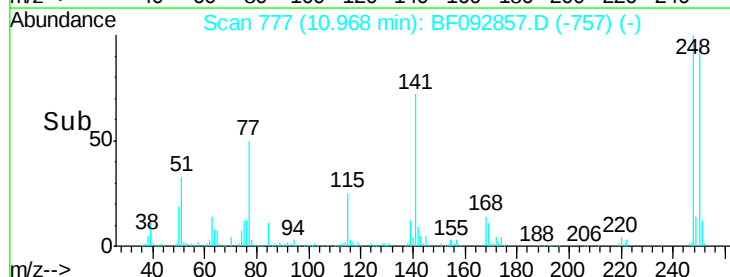
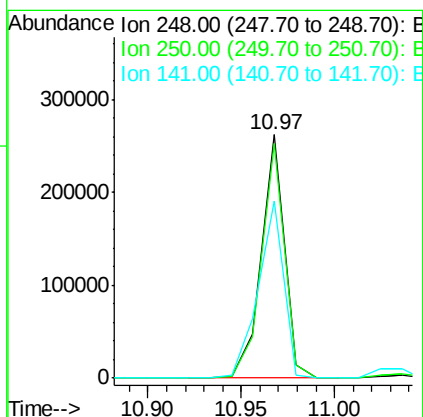
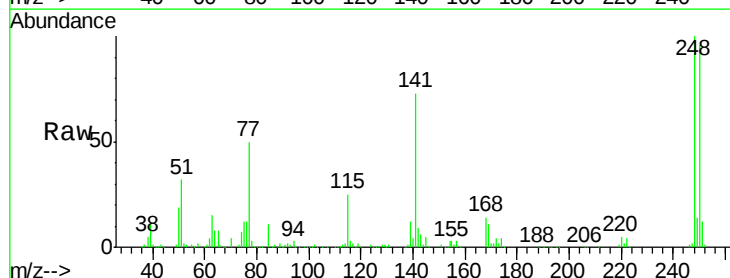
Instrument :
BNA_F
ClientSampleId :
PB96810BSD

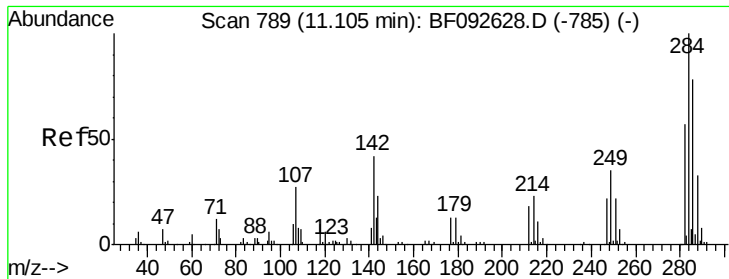
Tgt Ion:169 Resp: 730251
Ion Ratio Lower Upper
169 100
168 67.8 54.2 81.2
167 37.8 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 40.90 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion:248 Resp: 223025
Ion Ratio Lower Upper
248 100
250 96.5 76.9 115.3
141 72.6 68.2 102.4

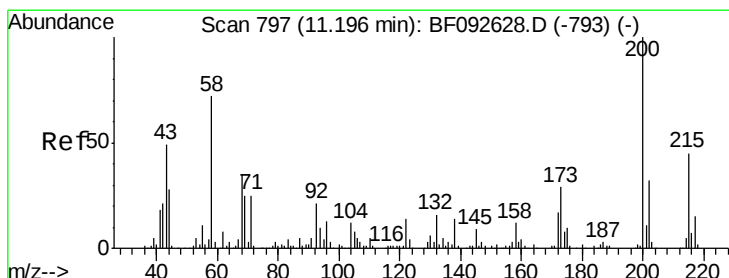
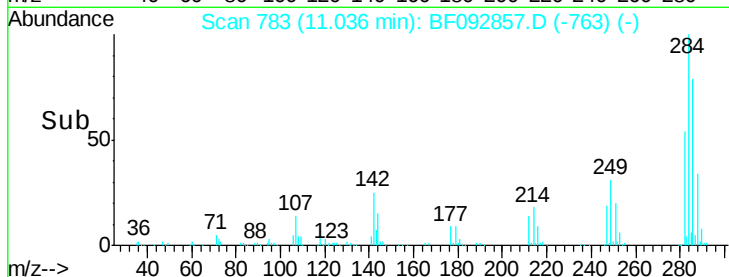
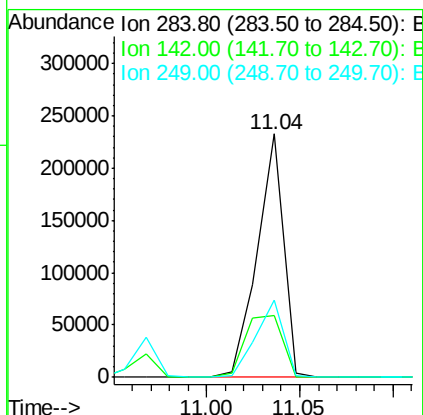
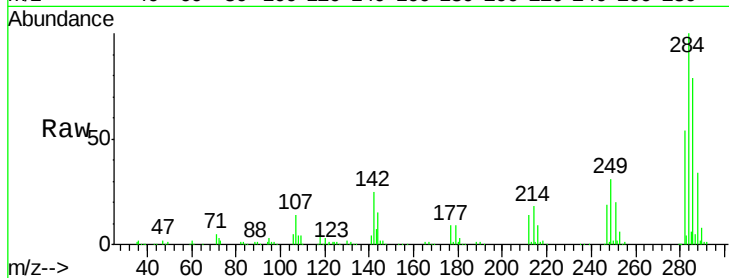




#67
Hexachlorobenzene
Concen: 42.06 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

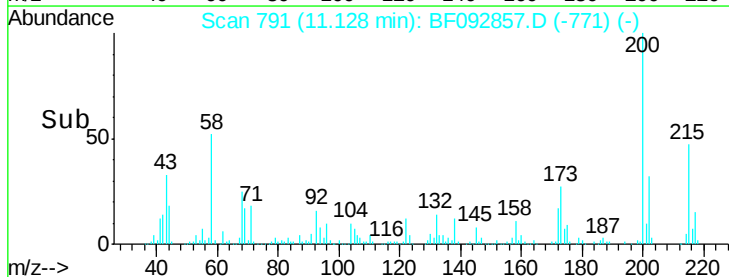
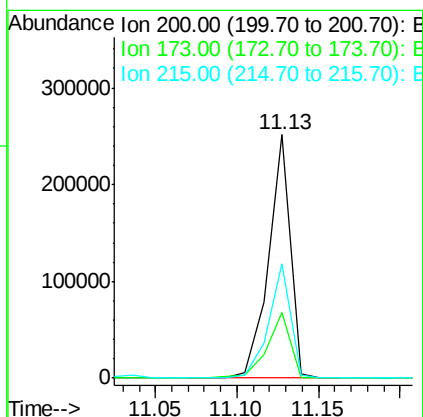
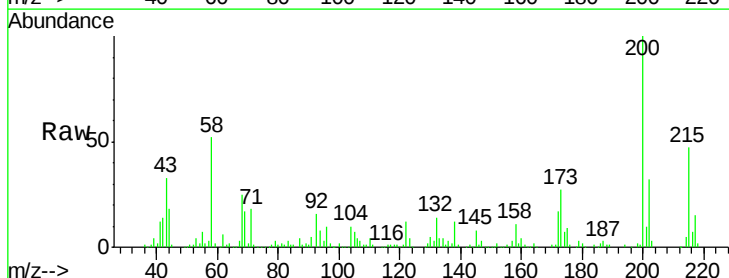
Instrument :
BNA_F
ClientSampleId :
PB96810BSD

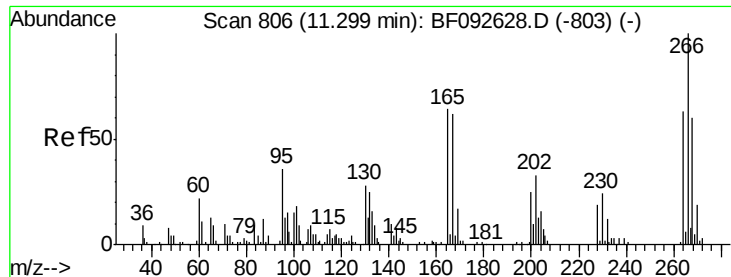
Tgt Ion:284 Resp: 226631
Ion Ratio Lower Upper
284 100
142 25.2 22.6 33.8
249 31.5 25.4 38.0



#68
Atrazine
Concen: 43.70 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.07 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion:200 Resp: 233827
Ion Ratio Lower Upper
200 100
173 27.2 9.6 49.6
215 46.8 25.7 65.7

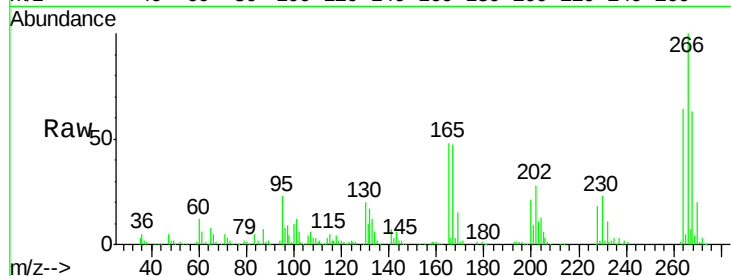




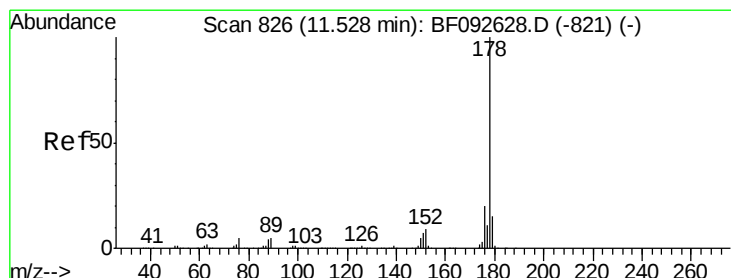
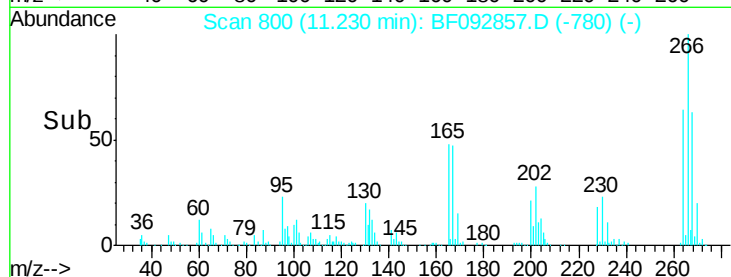
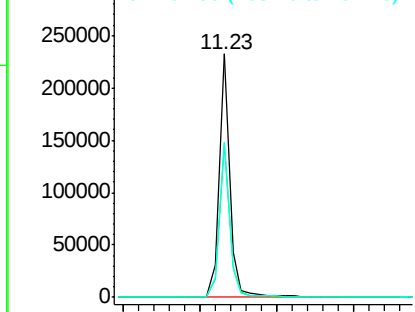
#69
 Pentachlorophenol
 Concen: 81.34 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tgt Ion:266 Resp: 226620
 Ion Ratio Lower Upper
 266 100
 268 62.8 53.3 79.9
 264 63.9 50.3 75.5

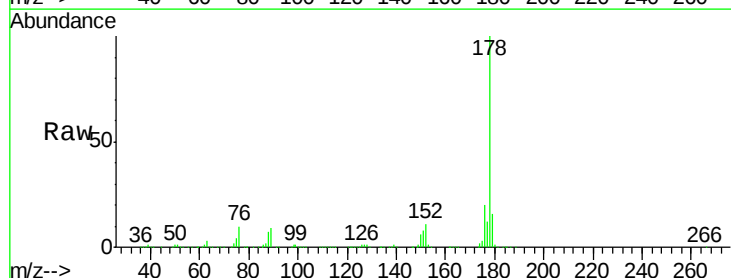


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

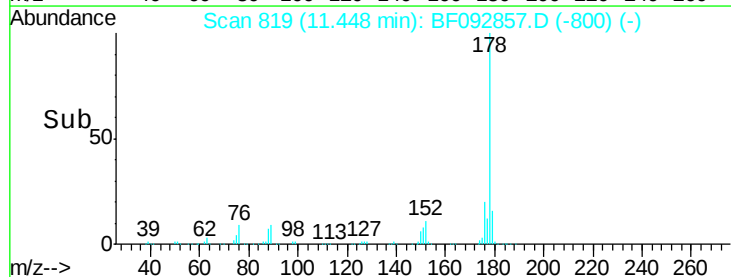
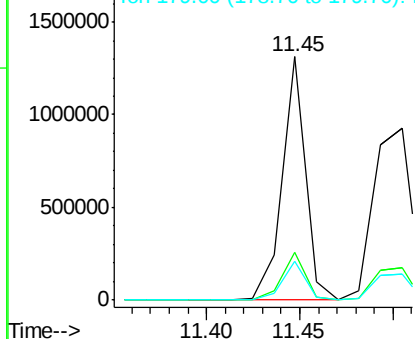


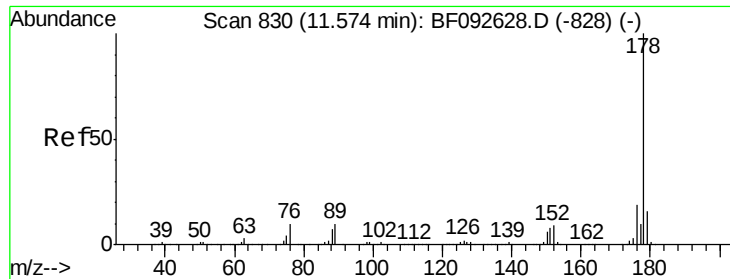
#70
 Phenanthrene
 Concen: 38.41 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:178 Resp: 1148515
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.8 12.8 19.2



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

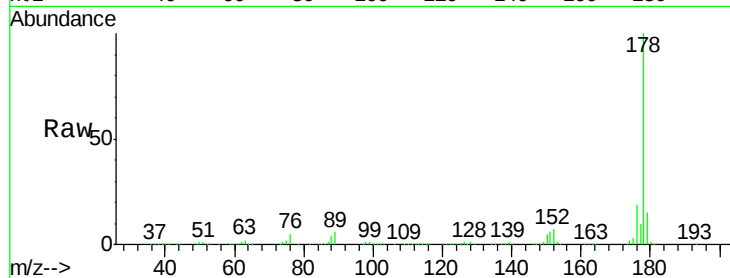




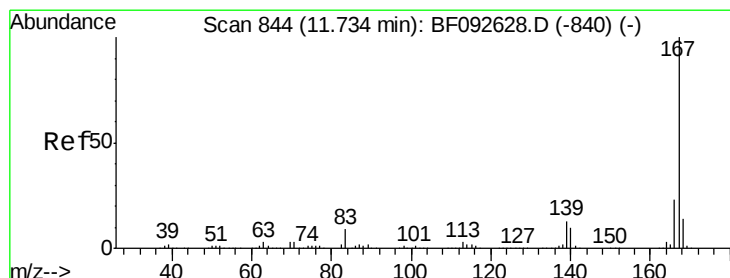
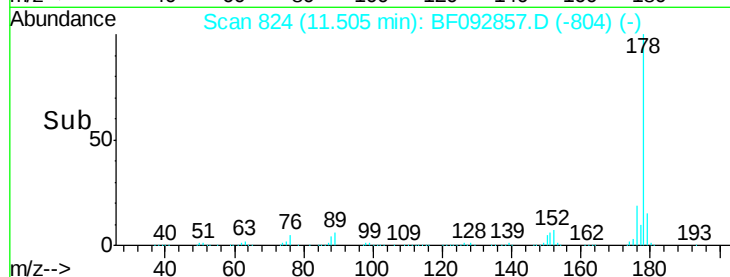
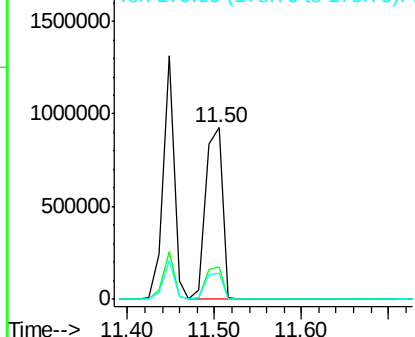
#71
 Anthracene
 Concen: 41.65 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tgt Ion:178 Resp: 1250615
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.9 23.9
 179 15.2 13.2 19.8

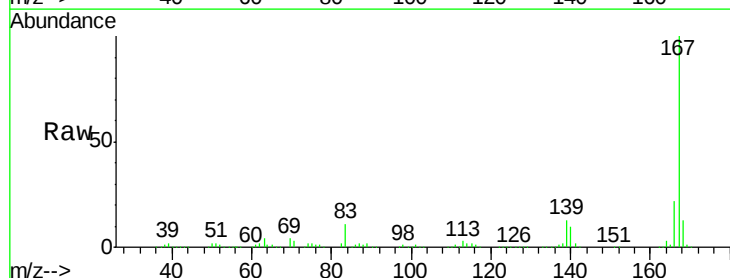


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

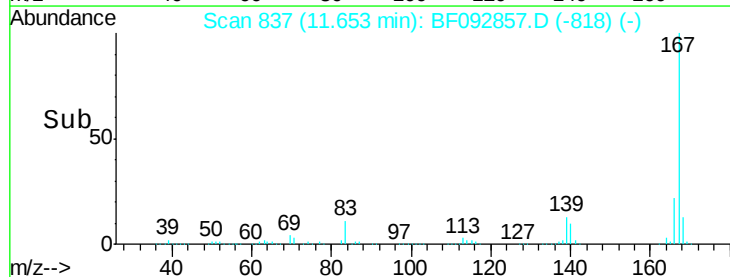
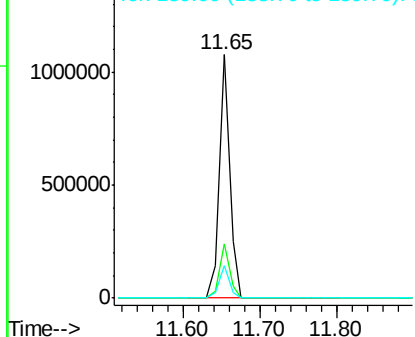


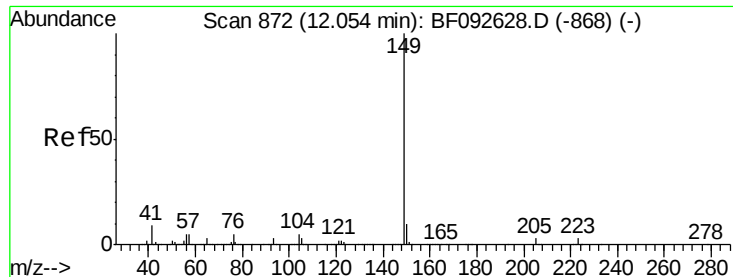
#72
 Carbazole
 Concen: 35.60 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.08 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:167 Resp: 1021936
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.3 11.4 17.2



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: 45.39 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

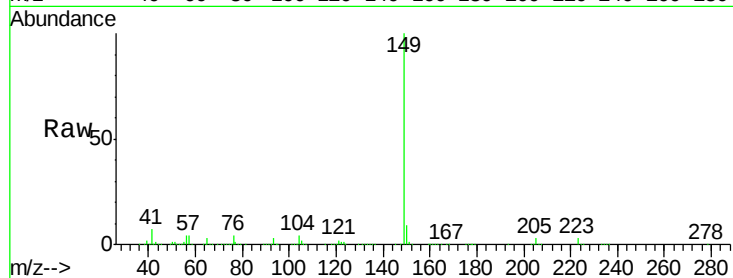
Tgt Ion:149 Resp: 1408865

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

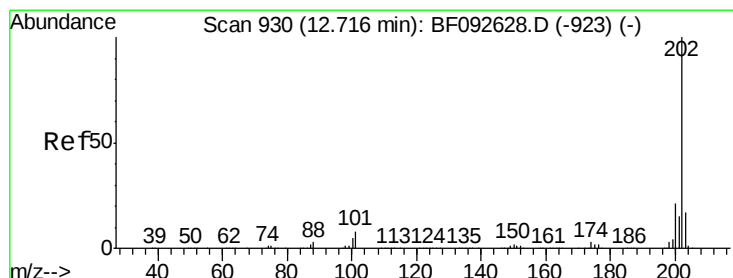
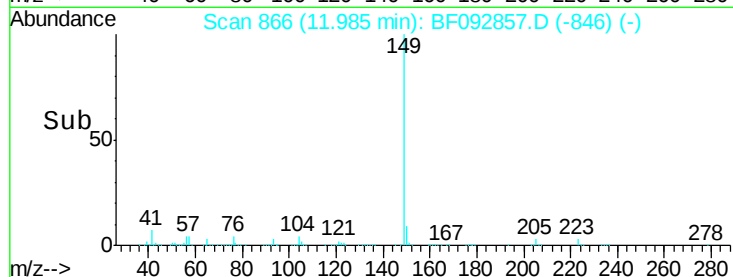
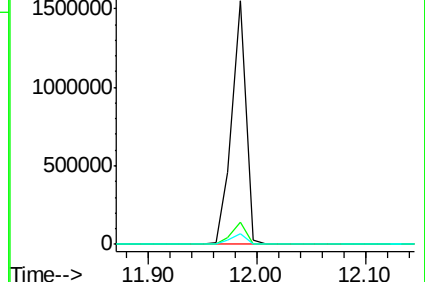
104 4.1 4.6 7.0#



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: 40.84 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.08 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

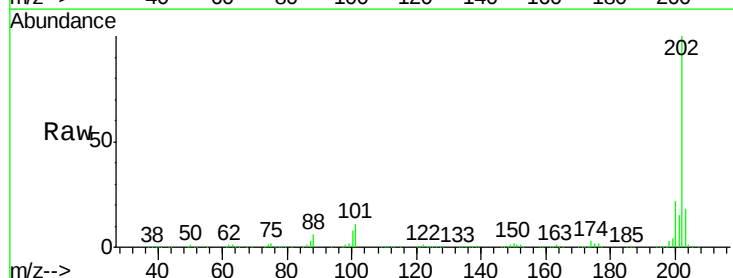
Tgt Ion:202 Resp: 1259573

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.6

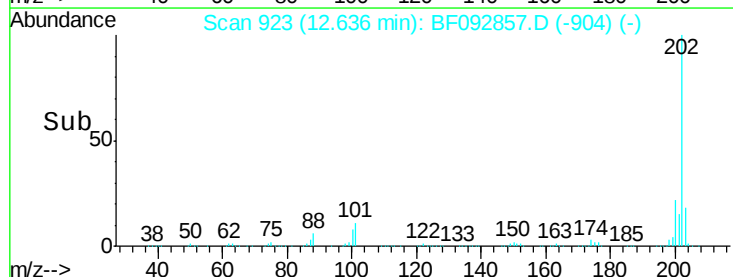
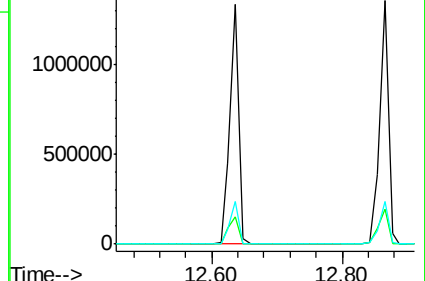
203 17.7 0.0 38.7

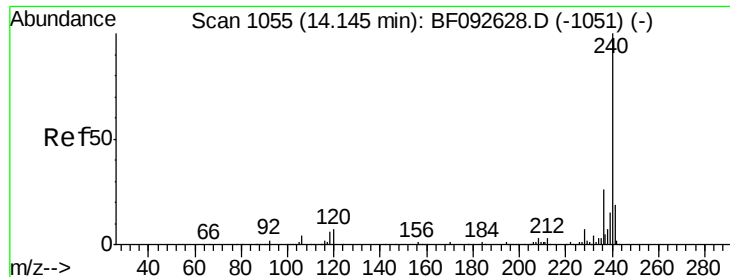


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.08 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

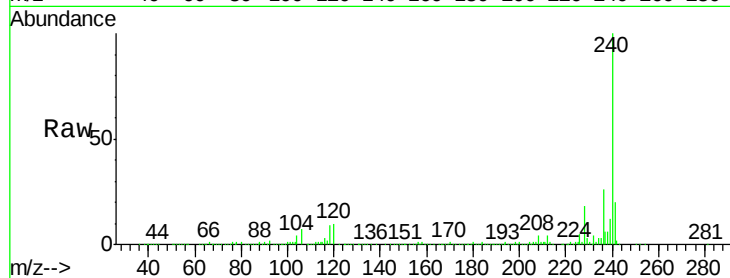
Tgt Ion:240 Resp: 466626

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

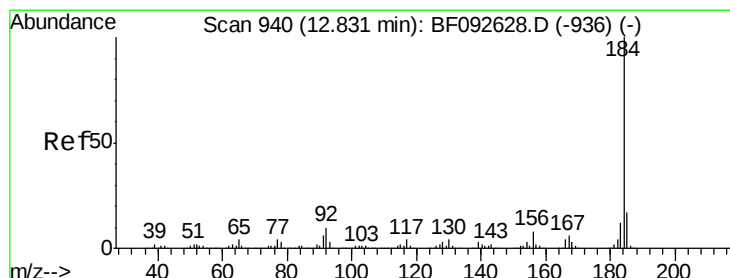
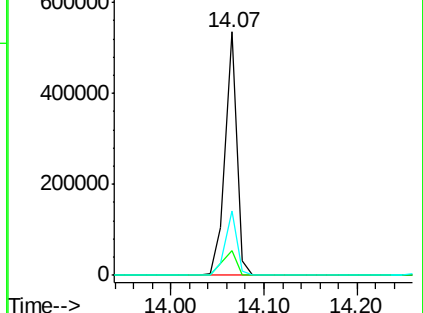
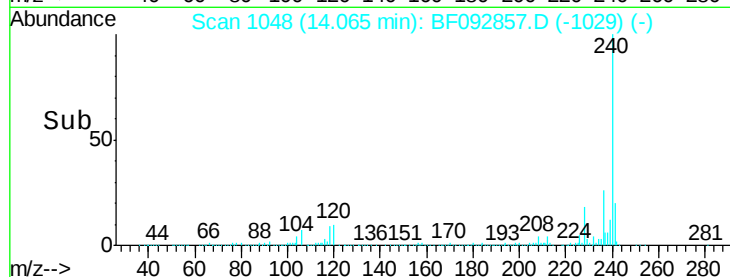
236 26.3 20.9 31.3



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: 20.88 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

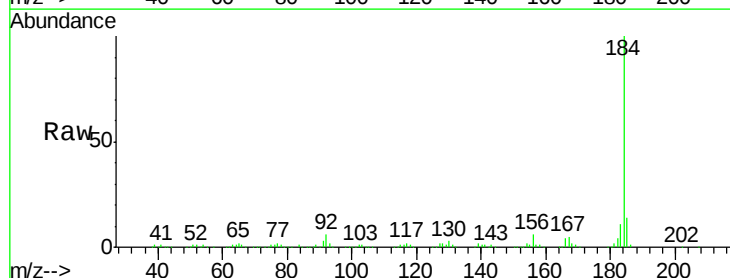
Tgt Ion:184 Resp: 415262

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.0

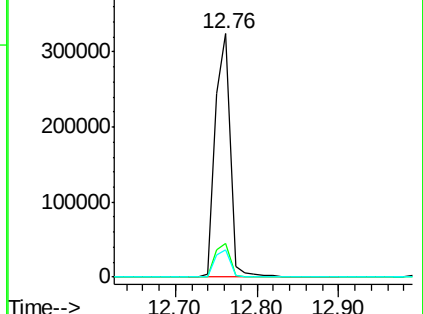
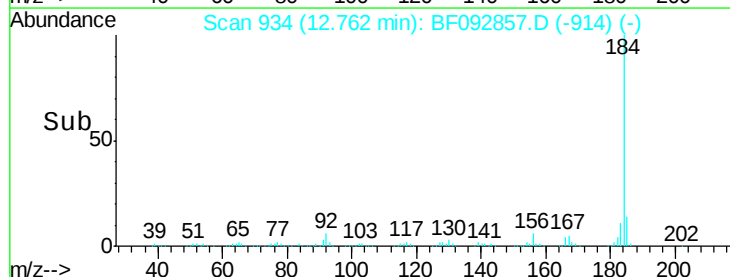
183 11.3 9.2 13.8

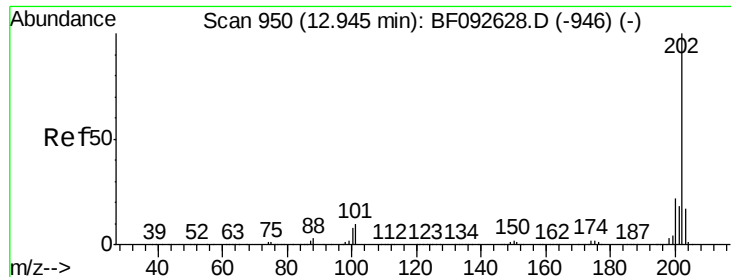


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

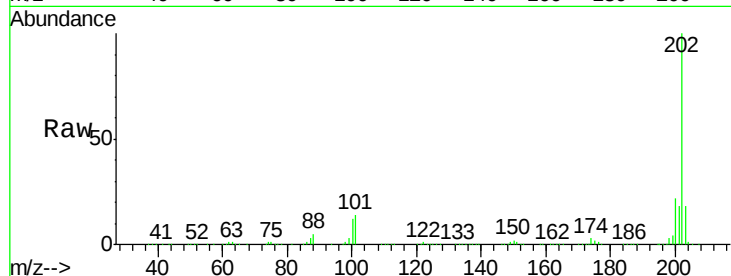




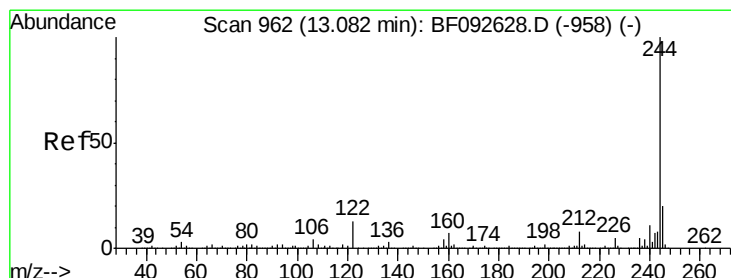
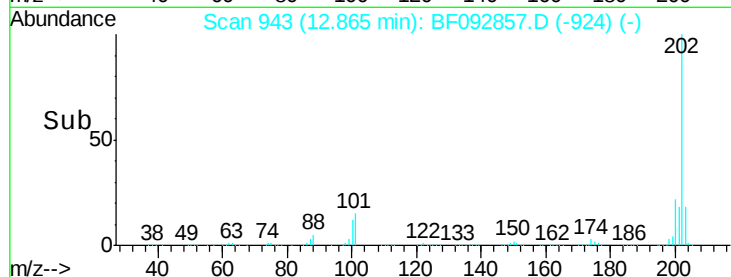
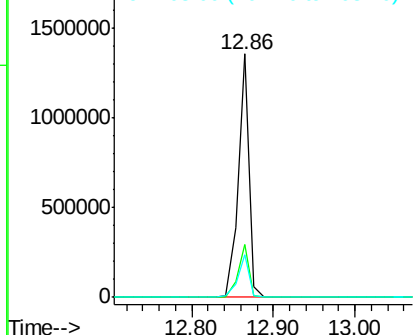
#77
 Pyrene
 Concen: 35.77 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.08 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tgt Ion: 202 Resp: 1249003
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.7 26.5
 203 17.5 14.7 22.1

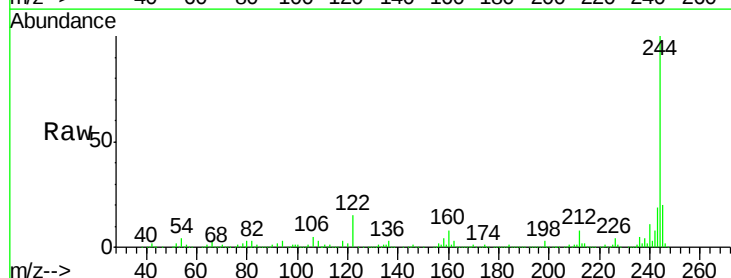


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

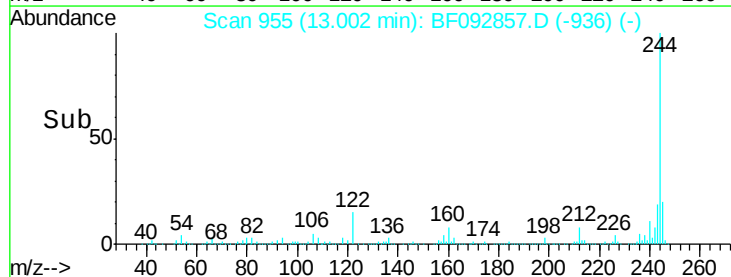
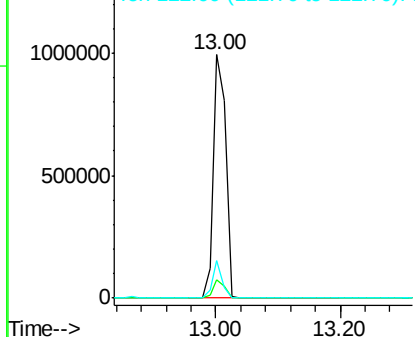


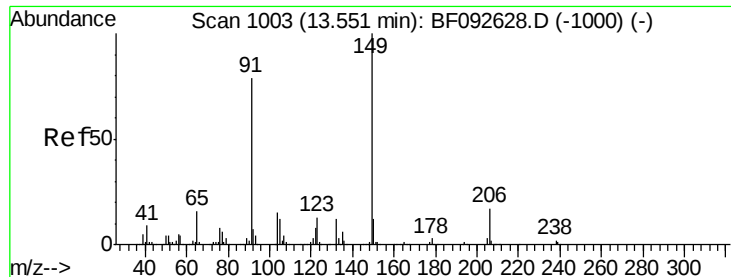
#78
 Terphenyl-d14
 Concen: 66.98 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.08 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion: 244 Resp: 1330251
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 15.2 11.4 17.2



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





#79

Butylbenzylphthalate

Concen: 44.01 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

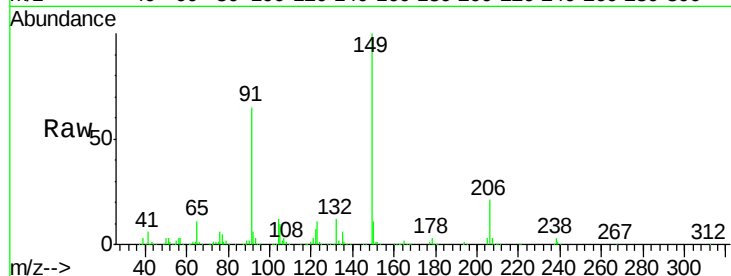
Tgt Ion:149 Resp: 624150

Ion Ratio Lower Upper

149 100

91 64.7 63.9 95.9

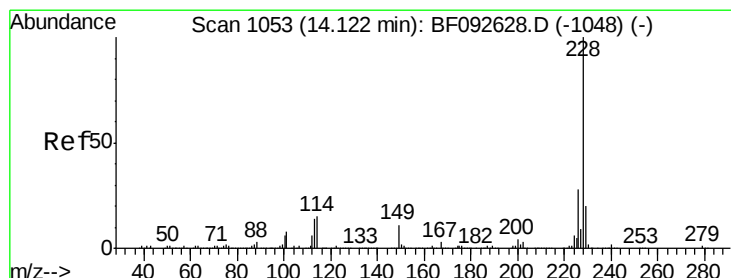
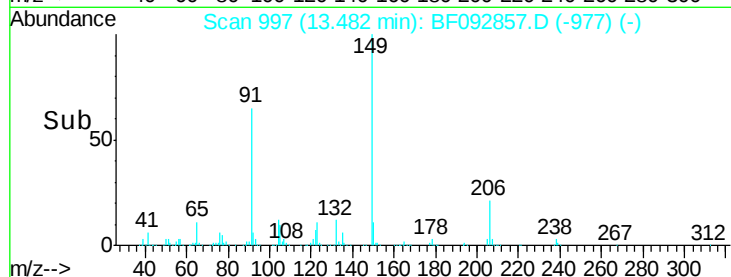
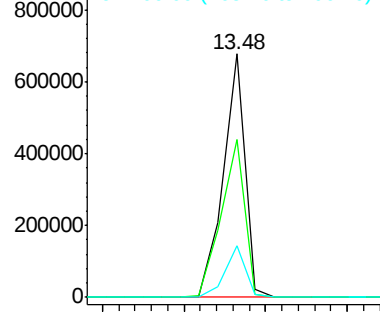
206 21.0 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.26 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

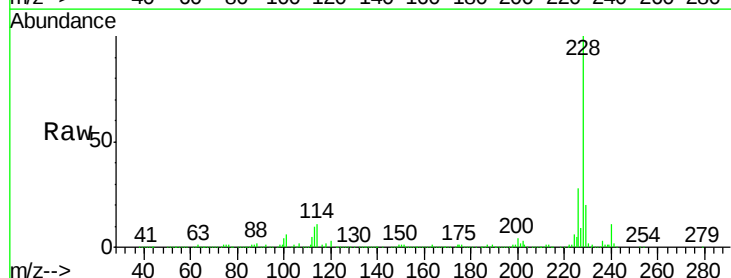
Tgt Ion:228 Resp: 1120447

Ion Ratio Lower Upper

228 100

226 28.4 22.4 33.6

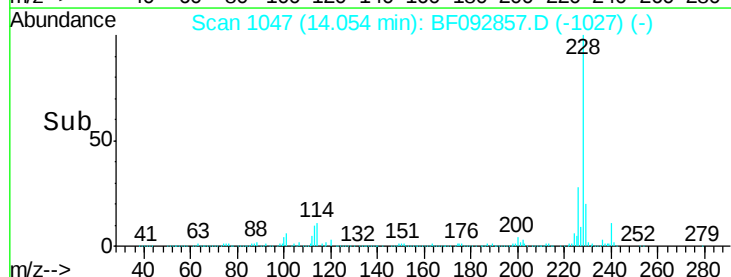
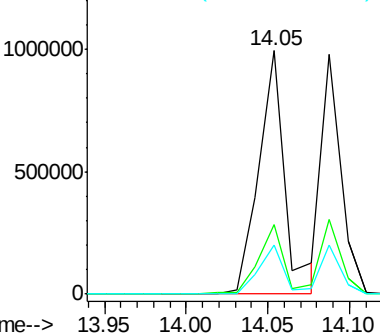
229 19.9 16.2 24.4

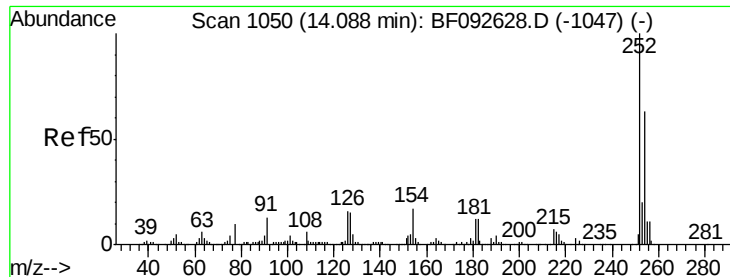


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

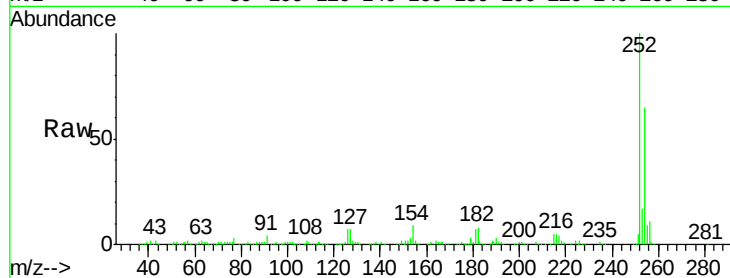




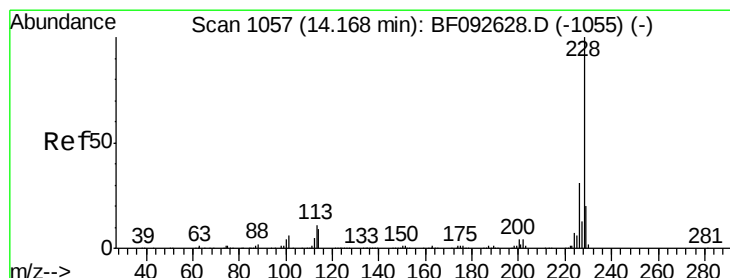
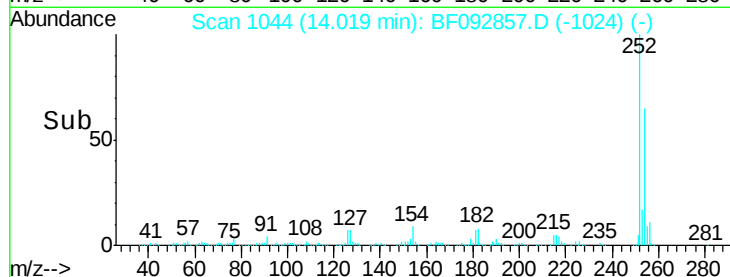
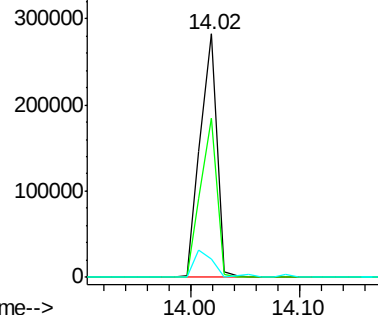
#81
 3,3'-Dichlorobenzidine
 Concen: 29.65 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tgt Ion:252 Resp: 301666
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.3 78.5
 126 7.5 13.6 20.4#

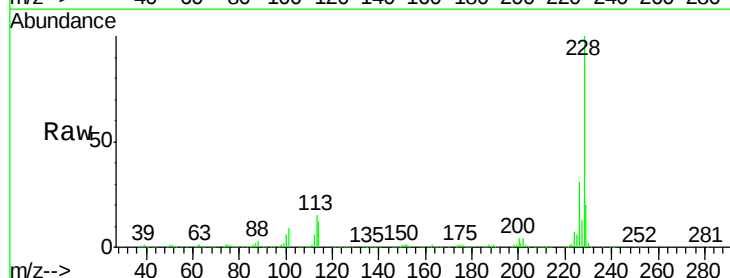


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

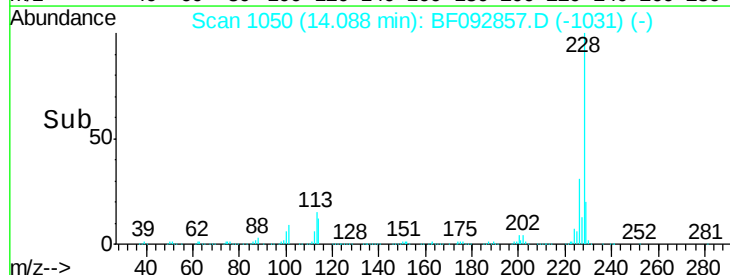
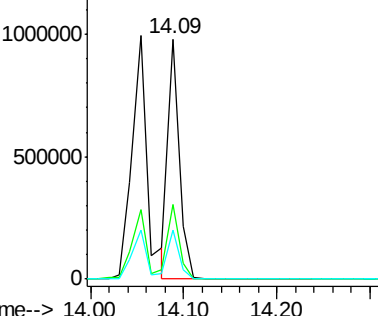


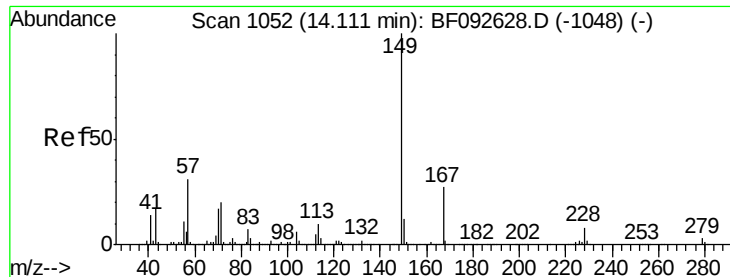
#82
 Chrysene
 Concen: 31.13 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:228 Resp: 831773
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.3 16.2 24.2



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

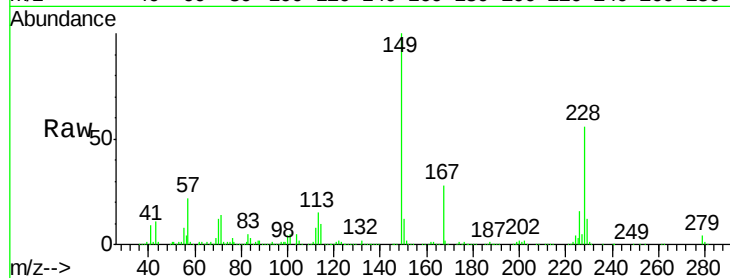




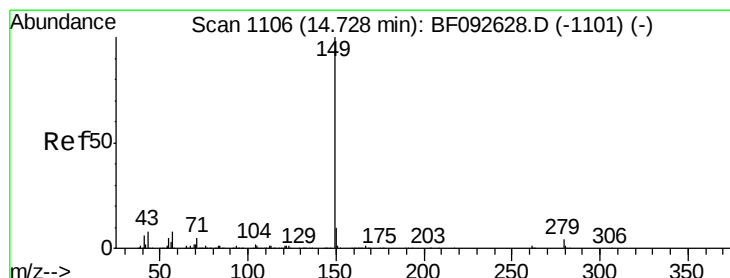
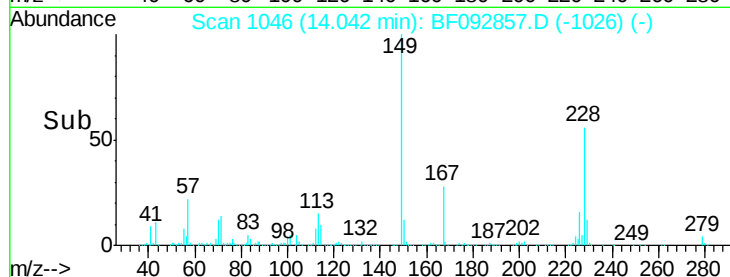
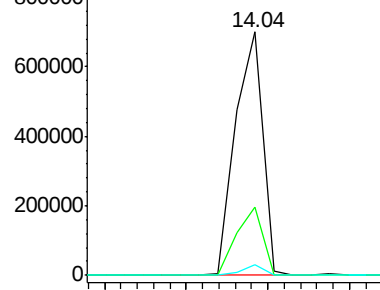
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.38 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tgt Ion:149 Resp: 821945
 Ion Ratio Lower Upper
 149 100
 167 27.8 20.2 30.4
 279 4.2 1.8 2.8#

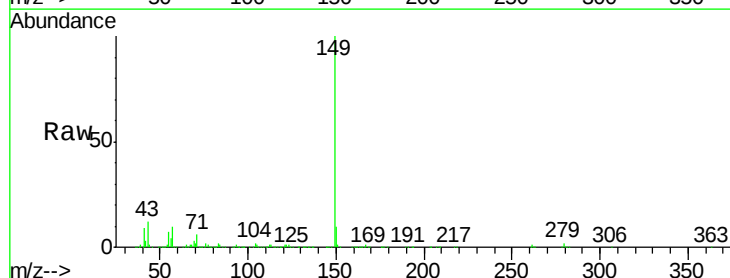


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

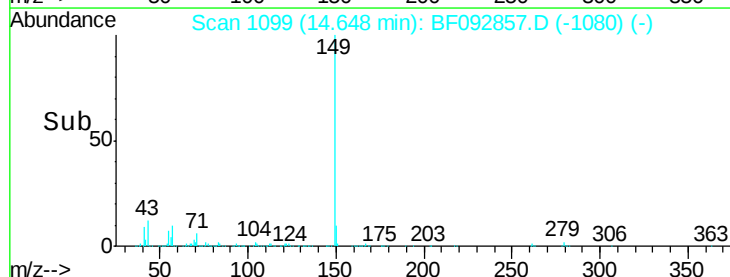
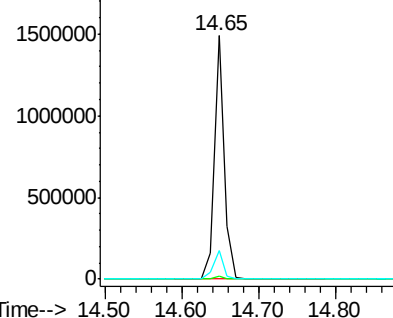


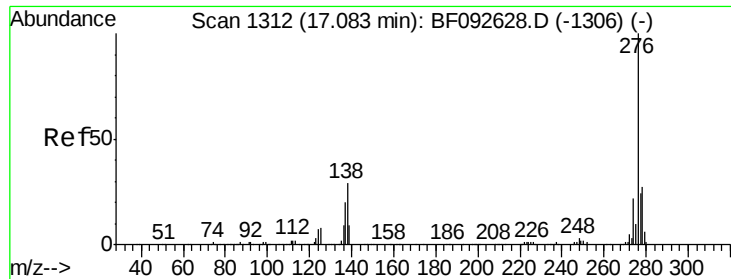
#84
 Di-n-octyl phthalate
 Concen: 43.35 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.08 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:149 Resp: 1368867
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.4 8.9 13.3



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

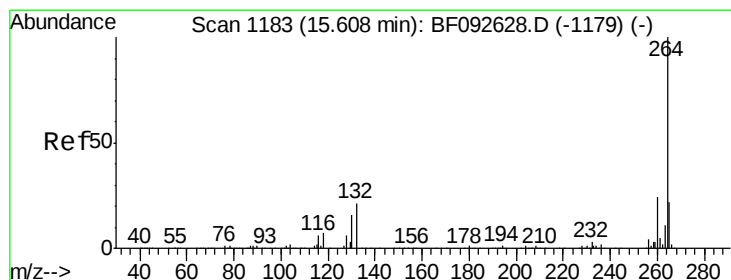
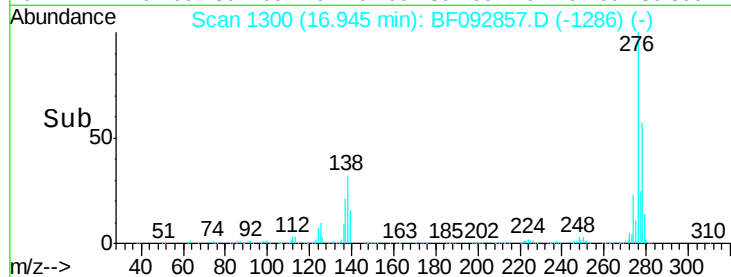
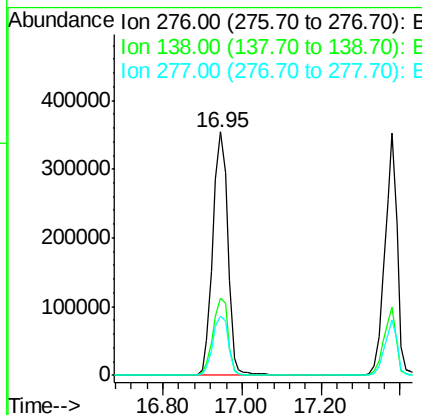
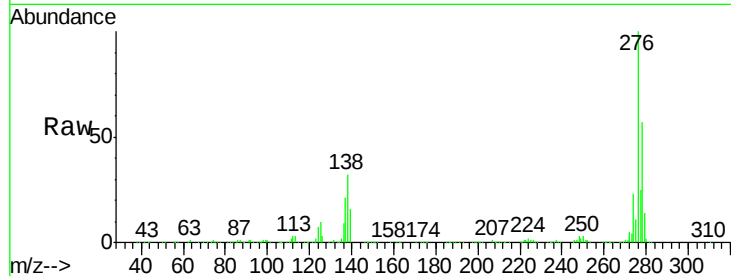




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.65 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. -0.14 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

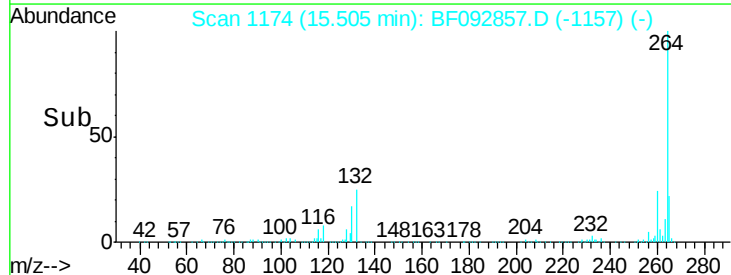
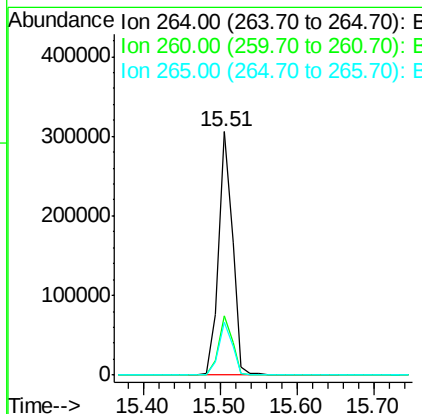
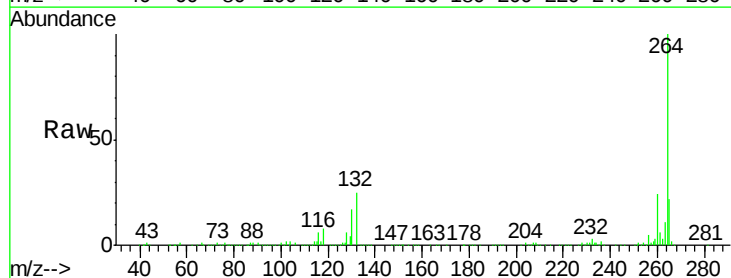
Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

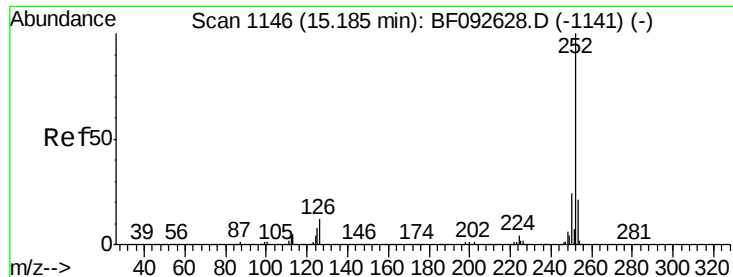
Tgt Ion:276 Resp: 924220
 Ion Ratio Lower Upper
 276 100
 138 31.9 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:264 Resp: 390821
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.5 17.4 26.0

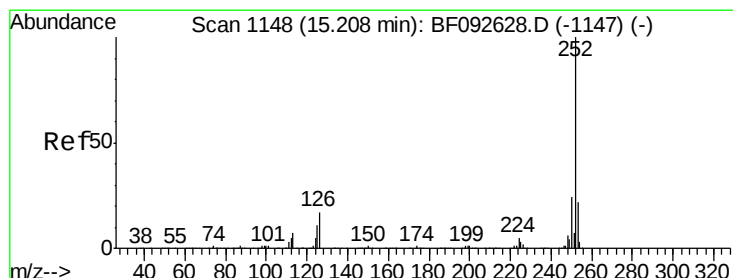
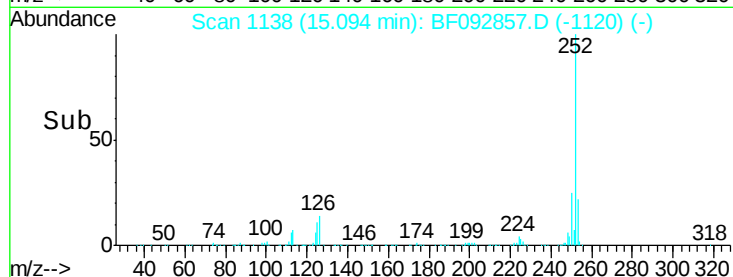
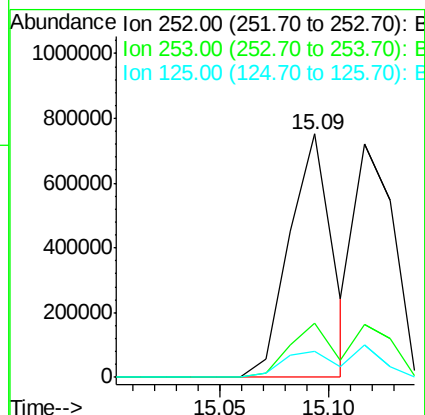
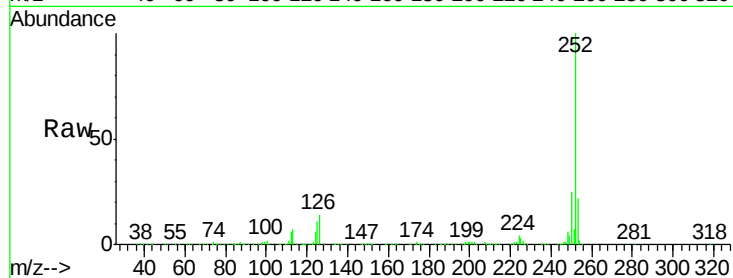




#87
Benzo(b)fluoranthene
Concen: 40.02 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

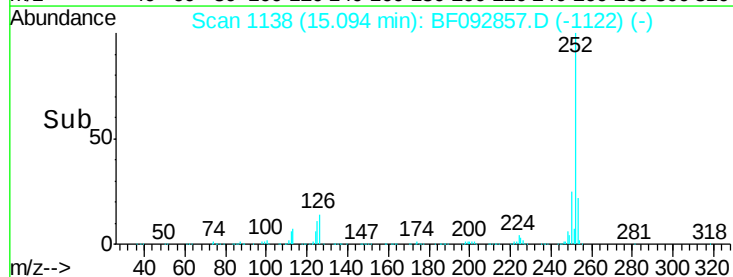
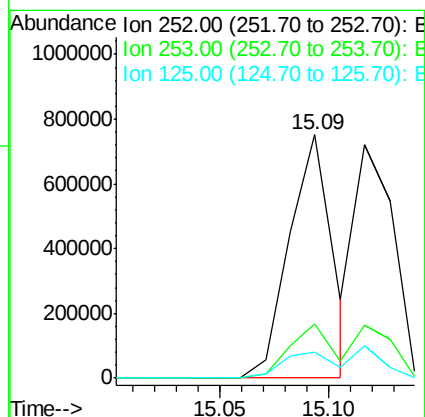
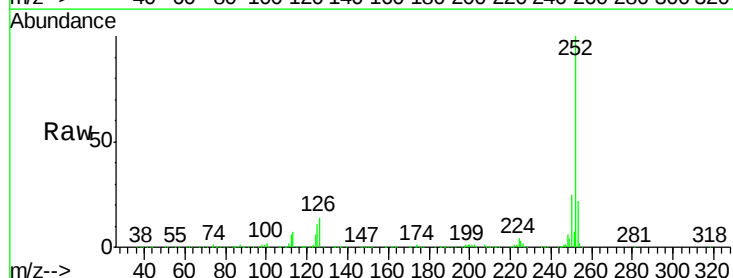
Instrument :
BNA_F
ClientSampleId :
PB96810BSD

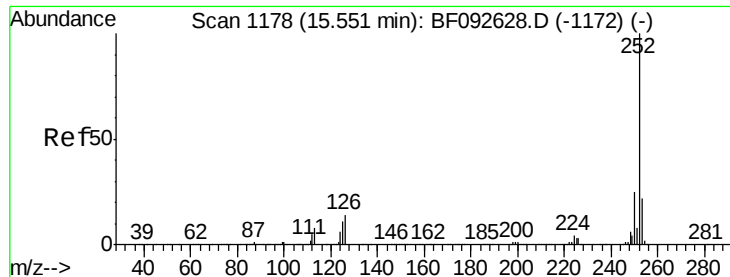
Tgt Ion:252 Resp: 1029383
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 10.9 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 46.35 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.11 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion:252 Resp: 1029383
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 10.9 8.9 13.3

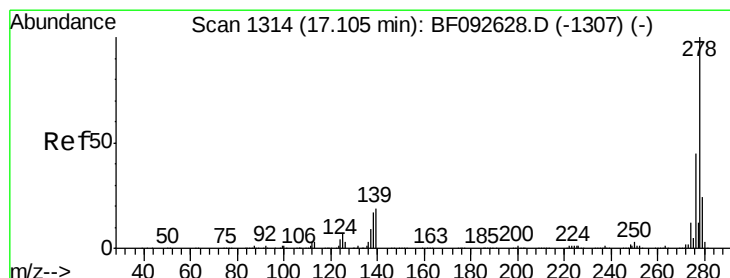
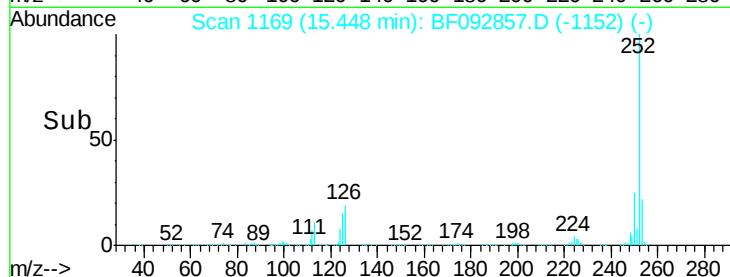
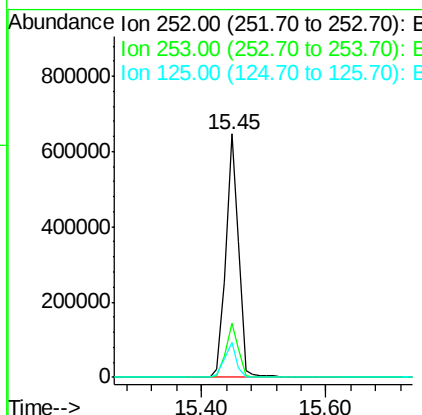
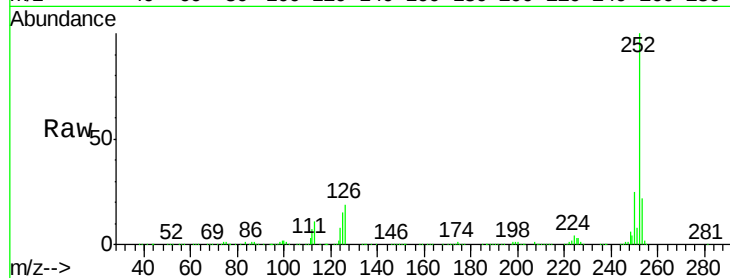




#89
Benzo(a)pyrene
Concen: 40.81 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.10 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

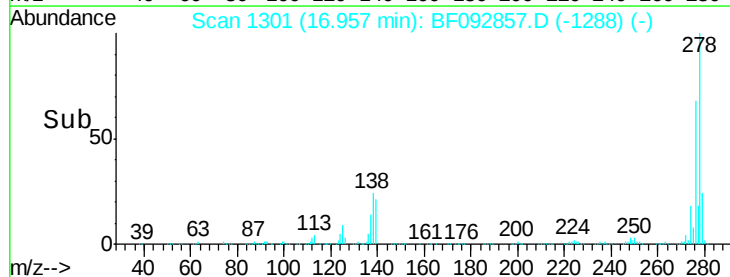
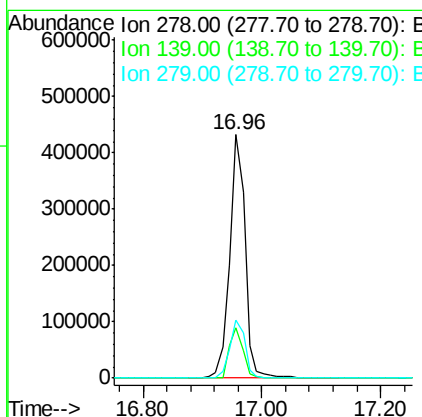
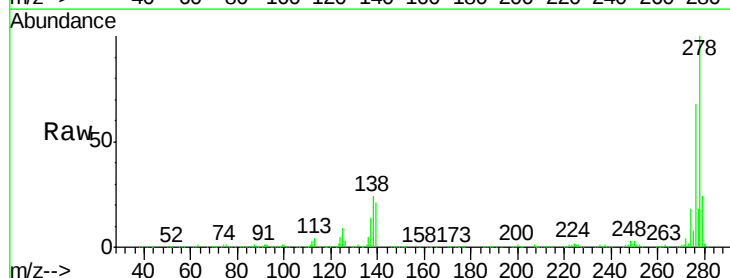
Instrument :
BNA_F
ClientSampleId :
PB96810BSD

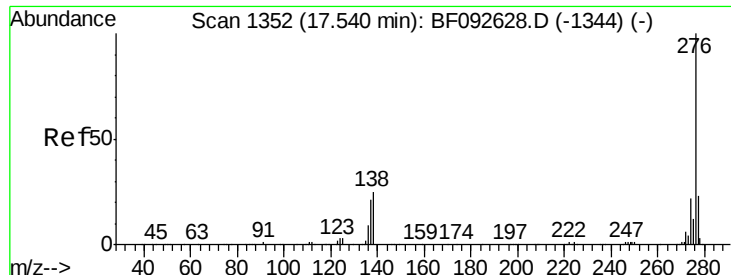
Tgt Ion:252 Resp: 908085
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 14.6 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 43.09 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.15 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion:278 Resp: 774869
Ion Ratio Lower Upper
278 100
139 20.6 14.8 22.2
279 23.6 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 42.42 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.16 min

Lab File: BF092857.D

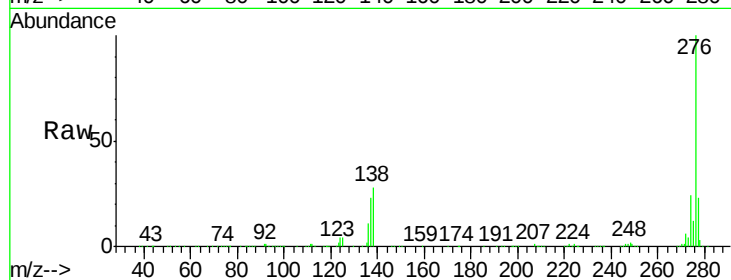
Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD



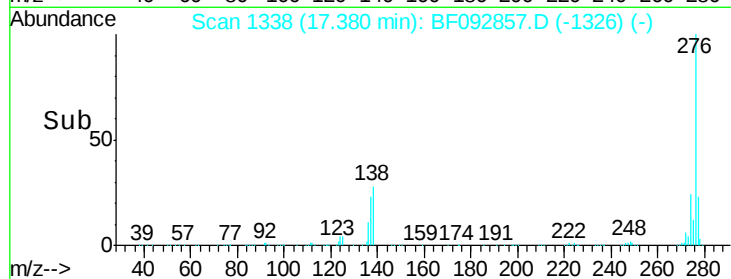
Tgt Ion: 276 Resp: 770738

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 28.1 16.0 24.0#



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

