

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092859.D
 Acq On : 8 Feb 2017 18:02
 Operator : SJ/MA
 Sample : PB96823BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Quant Time: Feb 08 23:41:16 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	143533	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	568122	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	319330	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	532157	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	519023	20.00	ng	-0.08
86) Perylene-d12	15.51	264	394028	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1066321	127.46	ng	-0.07
7) Phenol-d6	6.54	99	1393545	129.46	ng	-0.06
23) Nitrobenzene-d5	7.47	82	918787	90.06	ng	-0.07
41) 2,4,6-Tribromophenol	10.73	330	310386	134.39	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1681704	95.41	ng	-0.07
78) Terphenyl-d14	13.00	244	1623152	73.48	ng	-0.08

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.57	88	159045	35.18	ng	86
3) Pyridine	3.30	79	439983	38.28	ng	87
4) n-Nitrosodimethylamine	3.25	42	225637	41.80	ng	83
6) Aniline	6.57	93	229129	15.60	ng	# 45
8) 2-Chlorophenol	6.68	128	390369	42.29	ng	88
9) Benzaldehyde	6.44	77	154840	20.08	ng	96
10) Phenol	6.56	94	577541	45.86	ng	# 78
11) bis(2-Chloroethyl)ether	6.64	93	383654	38.16	ng	94
12) 1,3-Dichlorobenzene	6.84	146	470852	43.55	ng	100
13) 1,4-Dichlorobenzene	6.84	146	470852	43.03	ng	93
14) 1,2-Dichlorobenzene	7.07	146	460153	43.98	ng	95
15) Benzyl Alcohol	7.05	79	365814	45.90	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	719214	41.18	ng	95
17) 2-Methylphenol	7.16	107	343712	43.41	ng	96
18) Hexachloroethane	7.41	117	155224	41.56	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	281381	41.06	ng	93
20) 3+4-Methylphenols	7.32	107	420756	44.44	ng	# 79
22) Acetophenone	7.31	105	528279	40.73	ng	# 95
24) Nitrobenzene	7.48	77	399189	38.11	ng	98
25) Isophorone	7.72	82	780314	41.05	ng	97
26) 2-Nitrophenol	7.80	139	224662	45.12	ng	94
27) 2,4-Dimethylphenol	7.85	122	409128	46.78	ng	93
28) bis(2-Chloroethoxy)methane	7.94	93	541578	43.01	ng	99
29) 2,4-Dichlorophenol	8.04	162	350496	42.97	ng	89
30) 1,2,4-Trichlorobenzene	8.12	180	363899	41.40	ng	95
31) Naphthalene	8.20	128	1125852	39.09	ng	100
32) Benzoic acid	7.97	122	213316	43.79	ng	96
33) 4-Chloroaniline	8.26	127	103795	9.19	ng	96
34) Hexachlorobutadiene	8.33	225	199728	41.30	ng	98
35) Caprolactam	8.62	113	75680	29.50	ng	# 48
36) 4-Chloro-3-methylphenol	8.75	107	394587	46.40	ng	96
37) 2-Methylnaphthalene	8.90	142	804014	43.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	334976	37.37	ng	99
40) Hexachlorocyclopentadiene	9.05	237	298083	73.71	ng	97

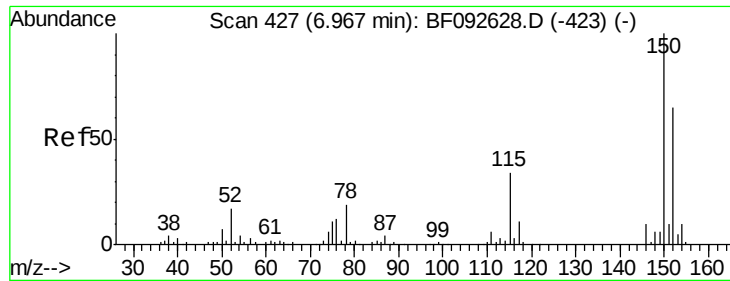
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	253672	43.07	ng	93
43) 2,4,5-Trichlorophenol	9.22	196	262980	40.75	ng	91
45) 1,1'-Biphenyl	9.36	154	914307	39.54	ng	96
46) 2-Chloronaphthalene	9.39	162	774353	42.81	ng	96
47) 2-Nitroaniline	9.48	65	227764	37.45	ng	99
48) Acenaphthylene	9.80	152	1203022	38.50	ng	99
49) Dimethylphthalate	9.66	163	904783	42.07	ng	100
50) 2,6-Dinitrotoluene	9.72	165	192539	41.45	ng	# 70
51) Acenaphthene	9.97	154	751256	40.21	ng	97
52) 3-Nitroaniline	9.89	138	74081	13.94	ng	91
53) 2,4-Dinitrophenol	10.01	184	198713	83.85	ng	# 89
54) Dibenzofuran	10.14	168	1039802	41.61	ng	95
55) 4-Nitrophenol	10.08	139	344501	89.98	ng	# 63
56) 2,4-Dinitrotoluene	10.13	165	285891	46.23	ng	90
57) Fluorene	10.49	166	832561	43.31	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.27	232	208206	48.36	ng	95
59) Diethylphthalate	10.36	149	878530	43.34	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	359074	38.88	ng	91
61) 4-Nitroaniline	10.51	138	195284	35.87	ng	92
62) Azobenzene	10.64	77	928772	44.35	ng	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	132900	41.42	ng	88
65) n-Nitrosodiphenylamine	10.60	169	755025	44.41	ng	100
66) 4-Bromophenyl-phenylether	10.97	248	233172	41.94	ng	93
67) Hexachlorobenzene	11.04	284	236894	43.12	ng	98
68) Atrazine	11.13	200	245001	44.91	ng	97
69) Pentachlorophenol	11.23	266	238808	83.82	ng	98
70) Phenanthrene	11.45	178	1192463	39.11	ng	99
71) Anthracene	11.50	178	1303012	42.56	ng	97
72) Carbazole	11.65	167	1053456	35.99	ng	99
73) Di-n-butylphthalate	11.99	149	1481519	46.81	ng	# 97
74) Fluoranthene	12.64	202	1429513	45.46	ng	96
76) Benzidine	12.75	184	358708	16.22	ng	97
77) Pyrene	12.87	202	1427203	36.74	ng	99
79) Butylbenzylphthalate	13.48	149	728984	46.22	ng	86
80) Benzo(a)anthracene	14.05	228	1160892	36.57	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	226306	20.00	ng	# 95
82) Chrysene	14.09	228	1058284	35.61	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	953215	44.19	ng	# 95
84) Di-n-octyl phthalate	14.65	149	1441080	41.03	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	984255	42.75	ng	95
87) Benzo(b)fluoranthene	15.09	252	1108707	42.75	ng	98
88) Benzo(k)fluoranthene	15.09	252	1108707	49.51	ng	98
89) Benzo(a)pyrene	15.45	252	971331	43.30	ng	98
90) Dibenzo(a,h)anthracene	16.97	278	828367	45.69	ng	97
91) Benzo(g,h,i)perylene	17.38	276	835366	45.61	ng	# 92

(#) = 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

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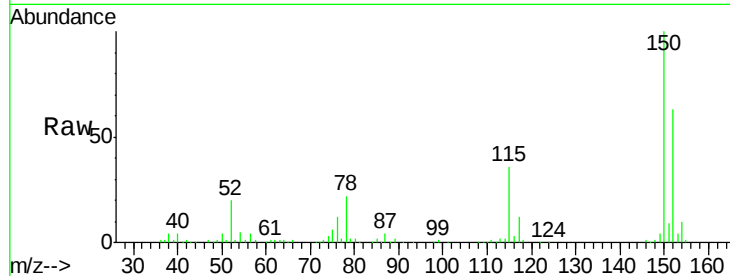
Tgt Ion:152 Resp: 143533

Ion Ratio Lower Upper

152 100

150 158.2 124.9 187.3

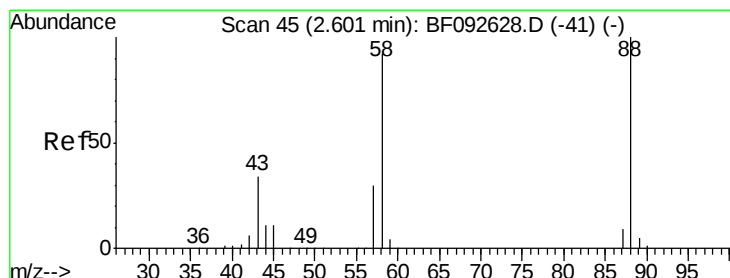
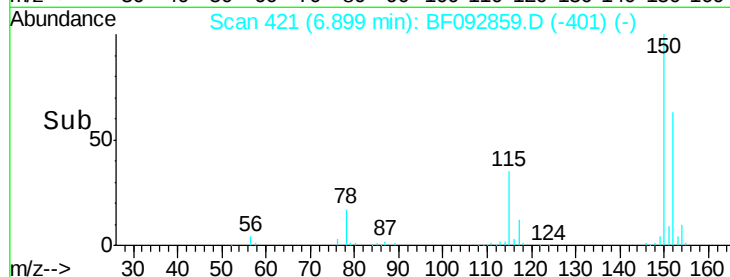
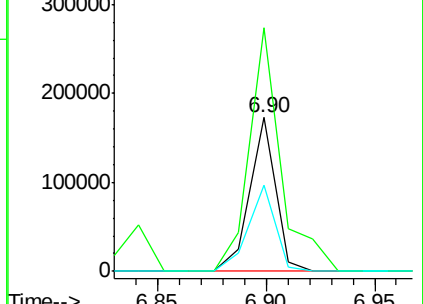
115 56.2 46.0 69.0



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: 35.18 ng

RT: 2.57 min Scan# 42

Delta R.T. -0.03 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

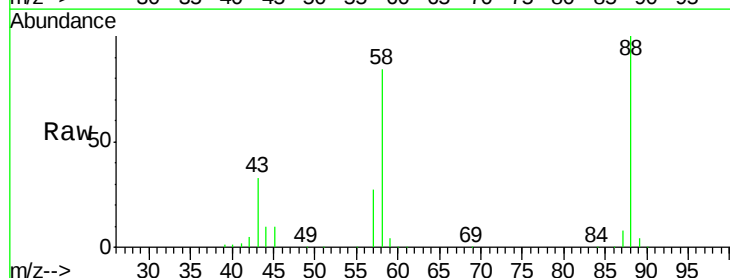
Tgt Ion: 88 Resp: 159045

Ion Ratio Lower Upper

88 100

58 86.5 57.8 86.8

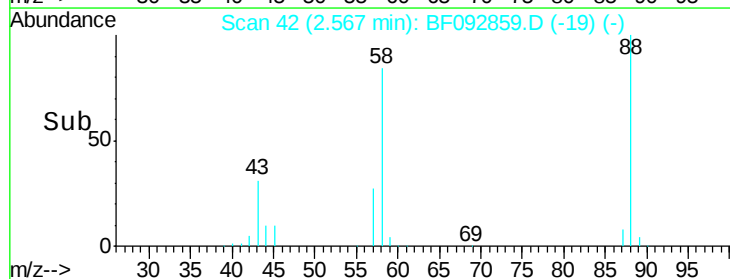
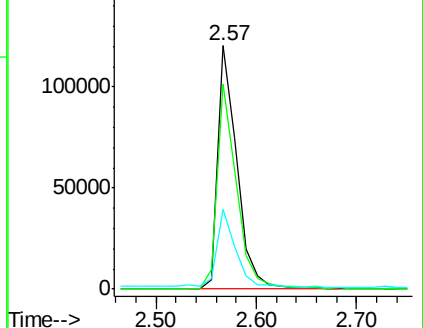
43 32.0 22.3 33.5

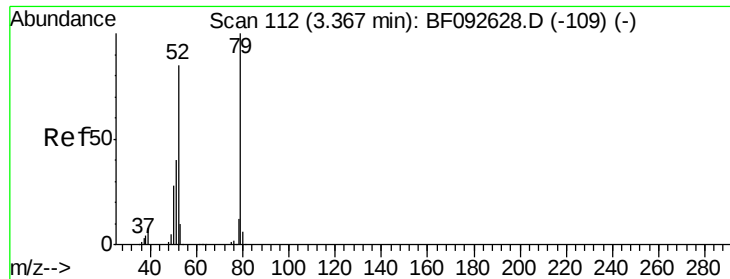


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.28 ng

RT: 3.30 min Scan# 106

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

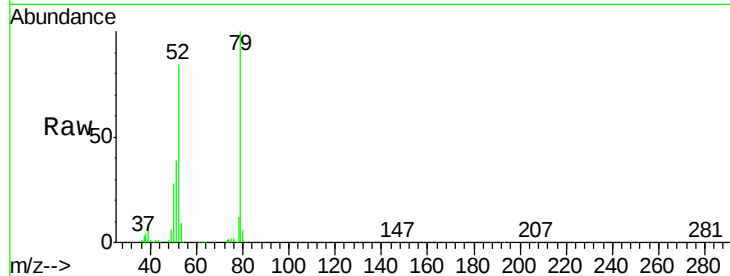
Tgt Ion: 79 Resp: 439983

Ion Ratio Lower Upper

79 100

52 83.7 57.1 85.7

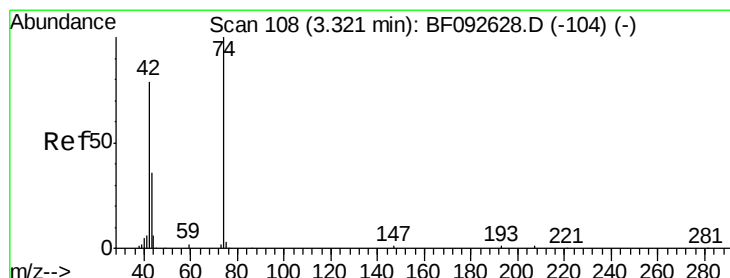
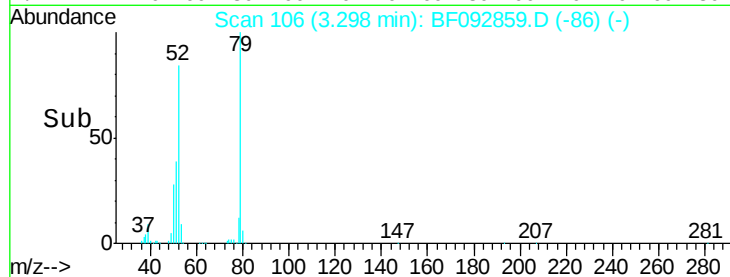
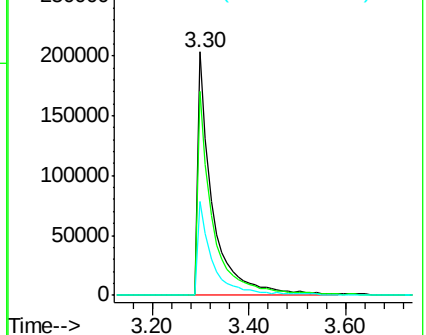
51 38.7 27.3 40.9



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: 41.80 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

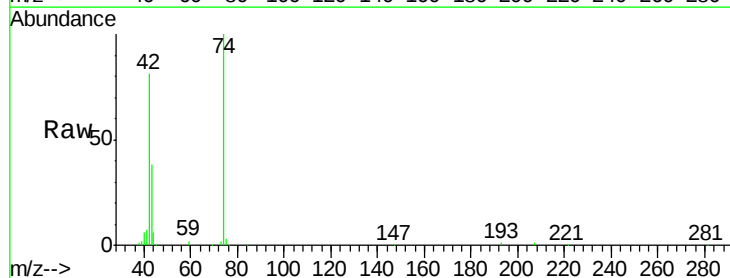
Tgt Ion: 42 Resp: 225637

Ion Ratio Lower Upper

42 100

74 124.0 117.0 175.4

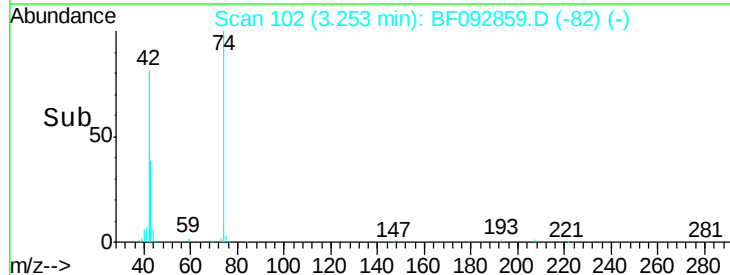
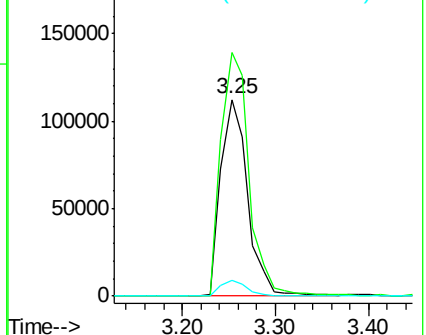
44 7.8 5.5 8.3

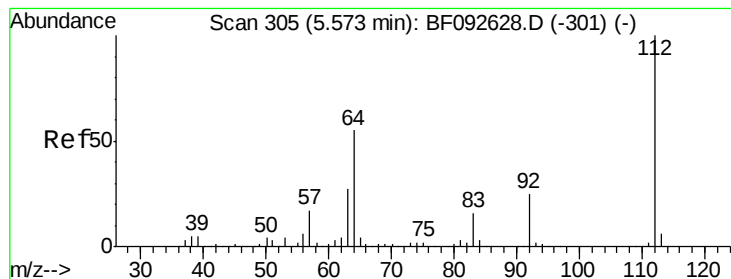


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.46 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

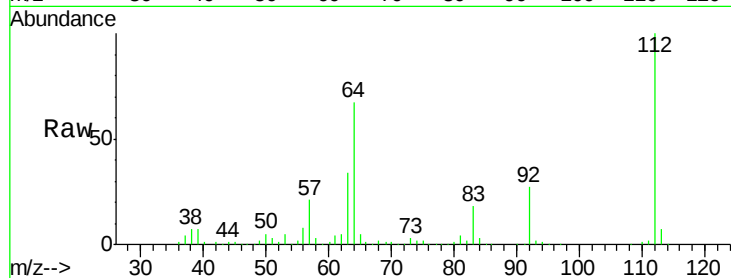
Tgt Ion: 112 Resp: 1066321

Ion Ratio Lower Upper

112 100

64 66.7 46.1 69.1

63 33.6 23.8 35.6

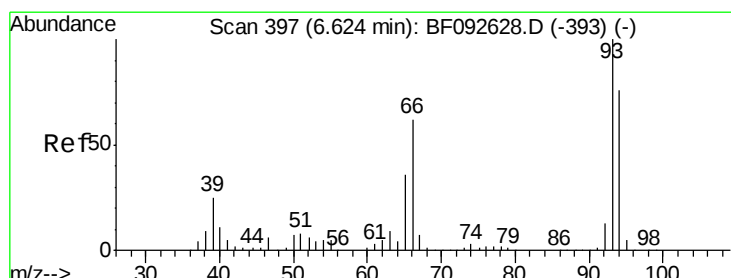
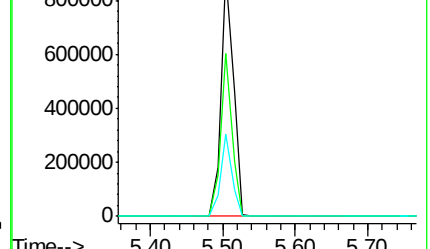
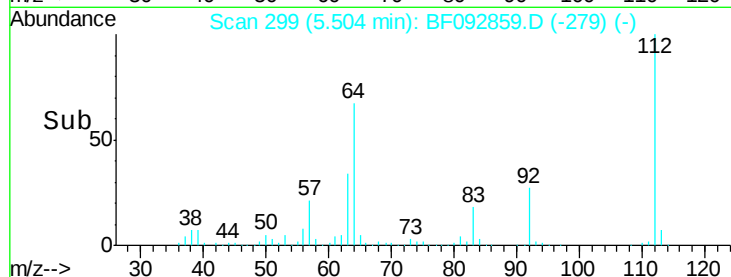


Abundance Ion 112.00 (111.70 to 112.70): BF092628.D (-301) (-)

Ion 64.00 (63.70 to 64.70): BF092628.D (-301) (-)

Ion 63.00 (62.70 to 63.70): BF092628.D (-301) (-)

Time-->



#6

Aniline

Concen: 15.60 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

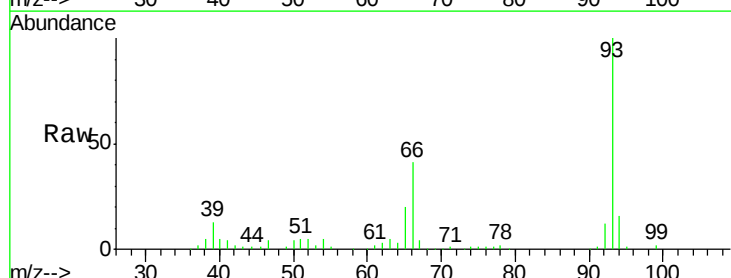
Tgt Ion: 93 Resp: 229129

Ion Ratio Lower Upper

93 100

66 40.9 76.2 114.2#

65 20.3 49.3 73.9#

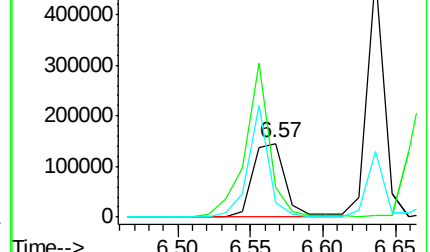
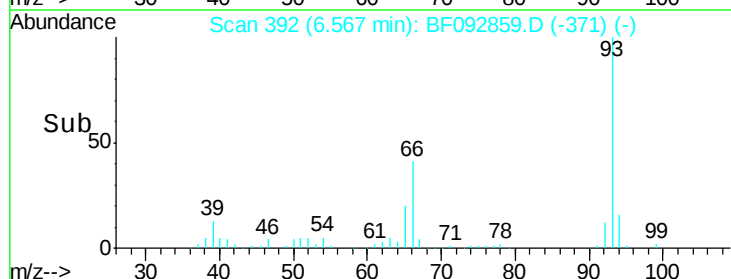


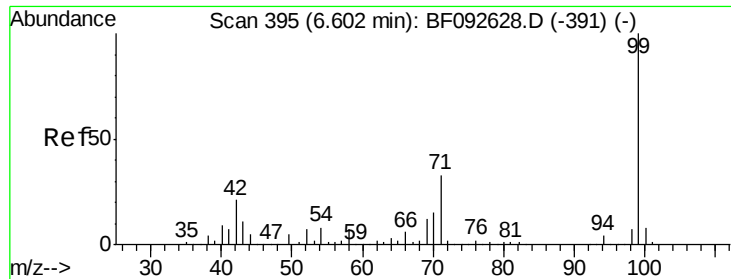
Abundance Ion 93.00 (92.70 to 93.70): BF092628.D (-393) (-)

Ion 66.00 (65.70 to 66.70): BF092628.D (-393) (-)

Ion 65.00 (64.70 to 65.70): BF092628.D (-393) (-)

Time-->





#7

Phenol-d6

Concen: 129.46 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

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ClientSampled :

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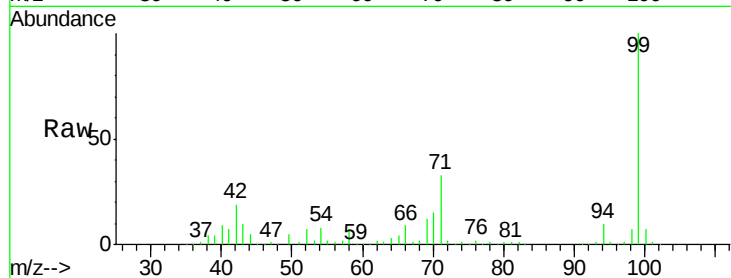
Tgt Ion: 99 Resp: 1393545

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

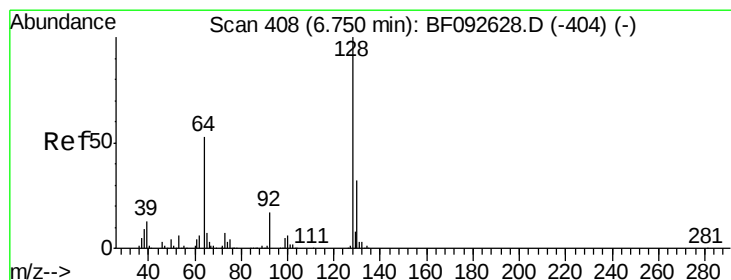
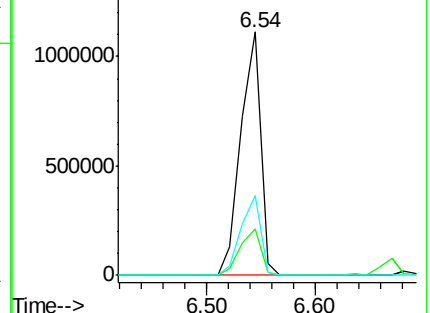
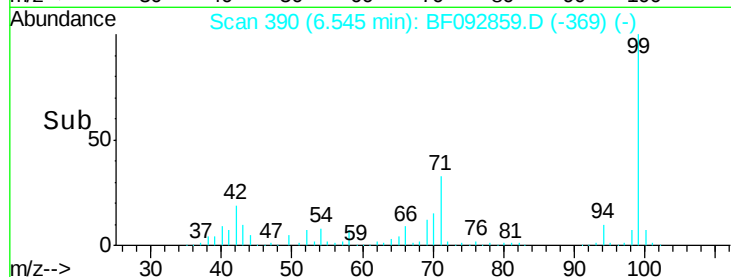
71 32.6 27.5 41.3



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: 42.29 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

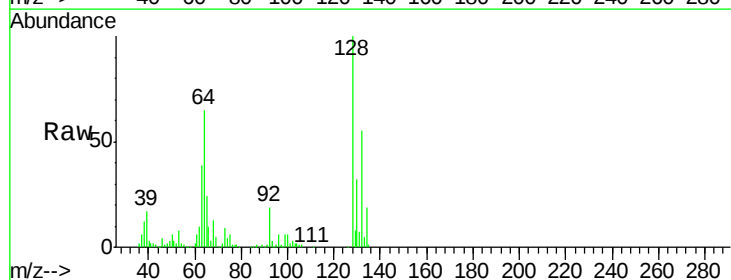
Tgt Ion: 128 Resp: 390369

Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

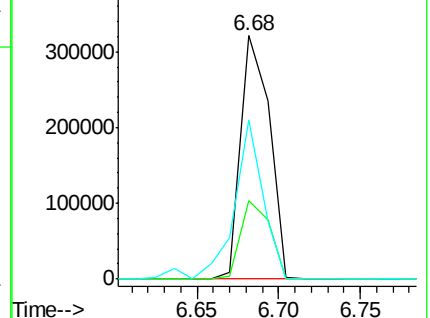
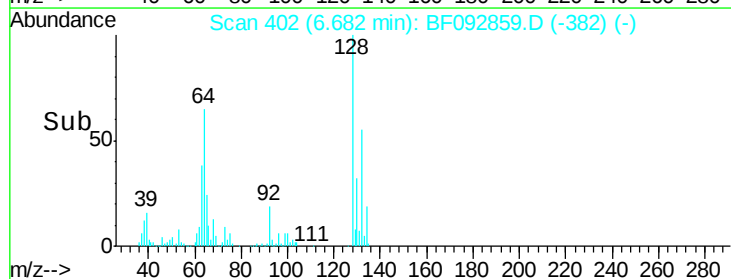
64 65.4 32.2 72.2



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

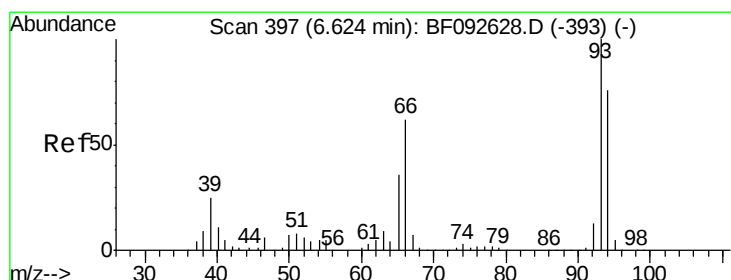
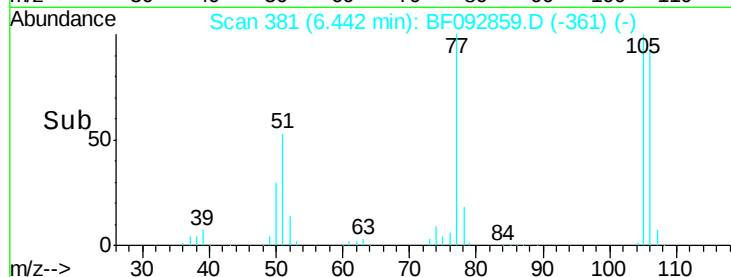
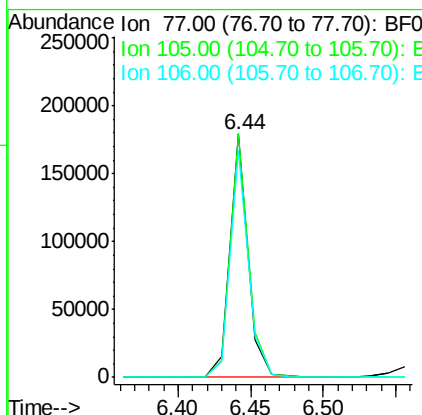
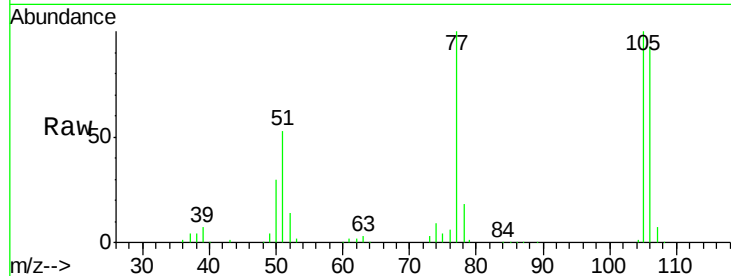




#9
Benzaldehyde
Concen: 20.08 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.07 min
Lab File: BF092859.D
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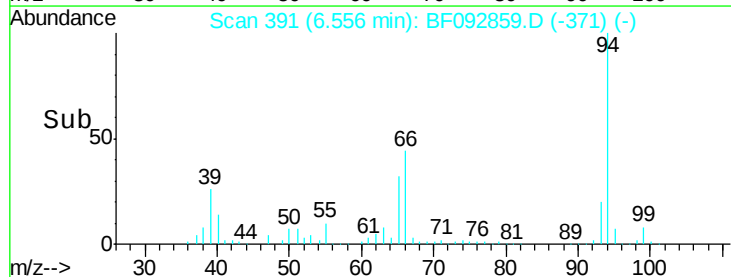
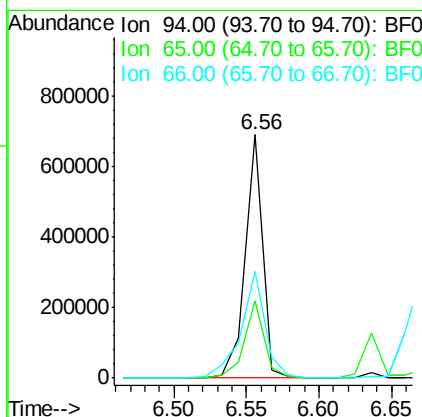
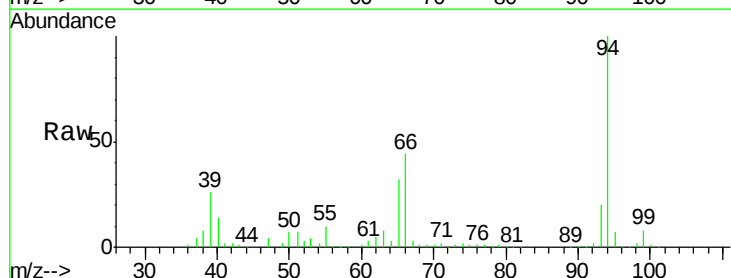
Instrument :
BNA_F
ClientSampleId :
PB96823BS

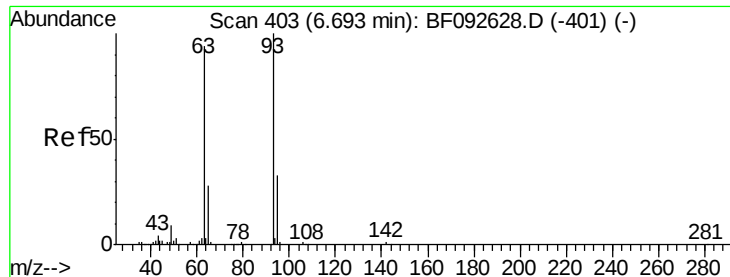
Tgt Ion: 77 Resp: 154840
Ion Ratio Lower Upper
77 100
105 100.0 83.9 123.9
106 93.4 77.6 117.6



#10
Phenol
Concen: 45.86 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion: 94 Resp: 577541
Ion Ratio Lower Upper
94 100
65 31.8 21.4 61.4
66 43.9 44.0 84.0#

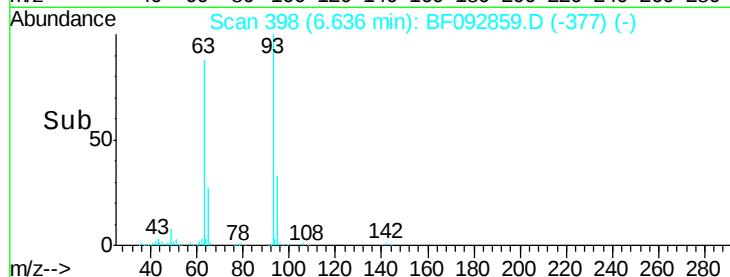
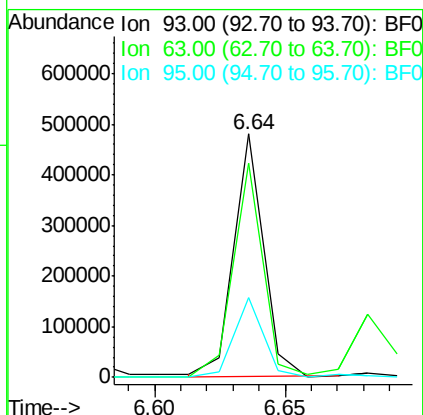
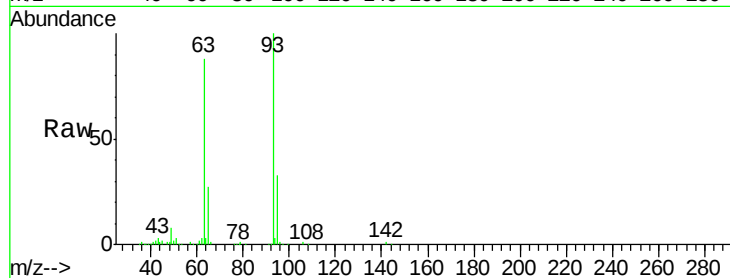




#11
bis(2-Chloroethyl)ether
Concen: 38.16 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

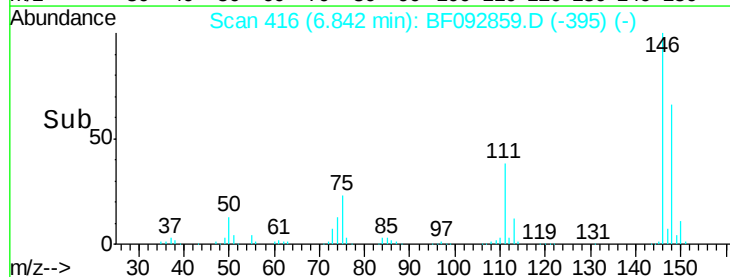
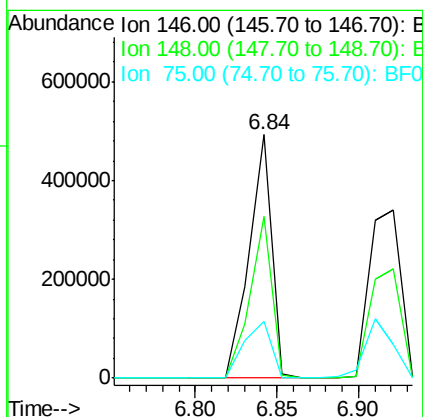
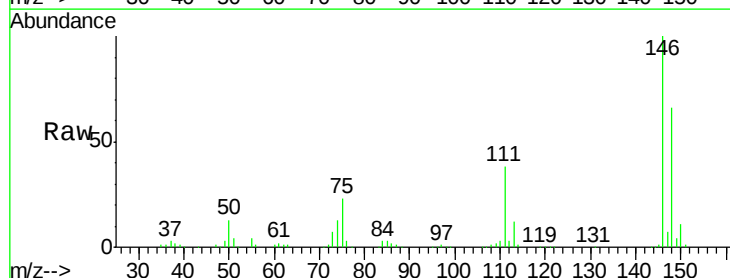
Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tgt Ion: 93 Resp: 383654
Ion Ratio Lower Upper
93 100
63 88.1 60.4 100.4
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.55 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion: 146 Resp: 470852
Ion Ratio Lower Upper
146 100
148 66.2 53.4 80.0
75 23.1 18.5 27.7

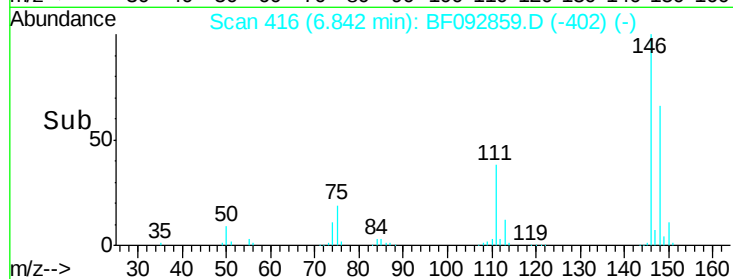
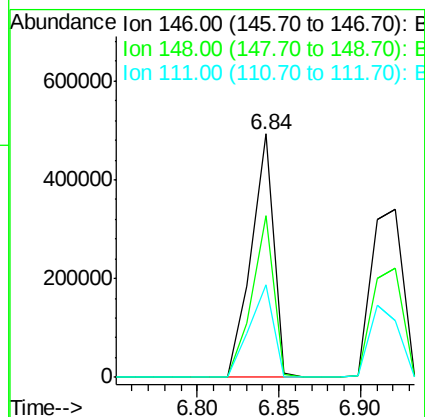
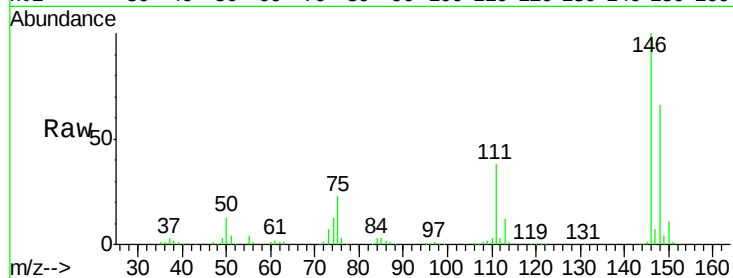




#13
 1,4-Dichlorobenzene
 Concen: 43.03 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.14 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

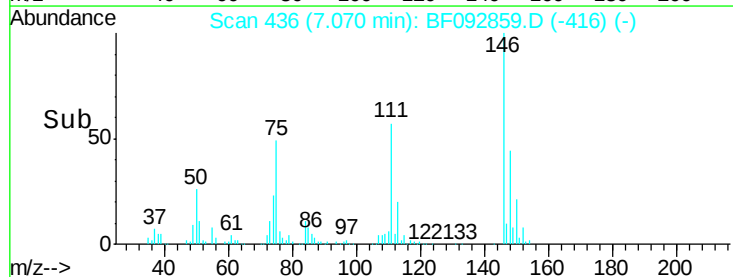
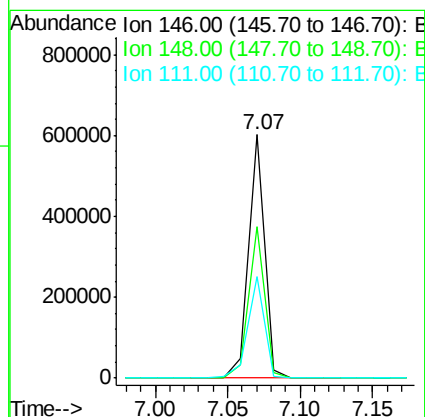
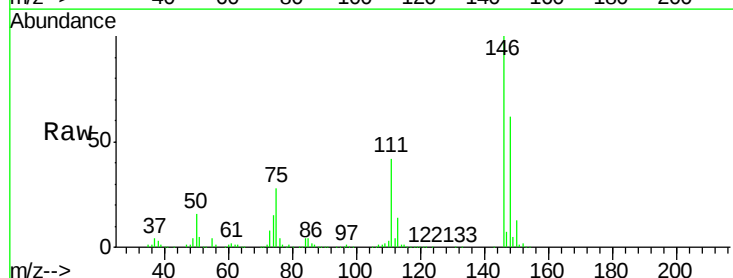
Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

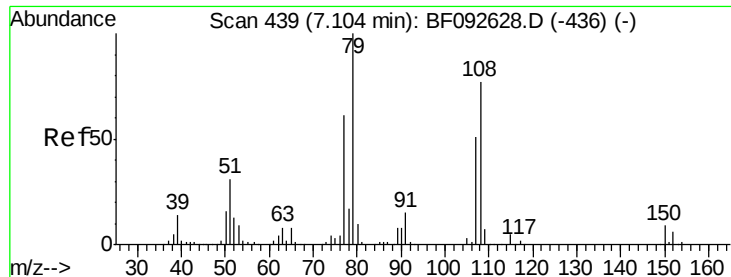
Tgt Ion:146 Resp: 470852
 Ion Ratio Lower Upper
 146 100
 148 66.2 50.6 76.0
 111 38.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 43.98 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.07 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion:146 Resp: 460153
 Ion Ratio Lower Upper
 146 100
 148 62.2 52.2 78.2
 111 41.5 36.2 54.2





#15

Benzyl Alcohol

Concen: 45.90 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.06 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

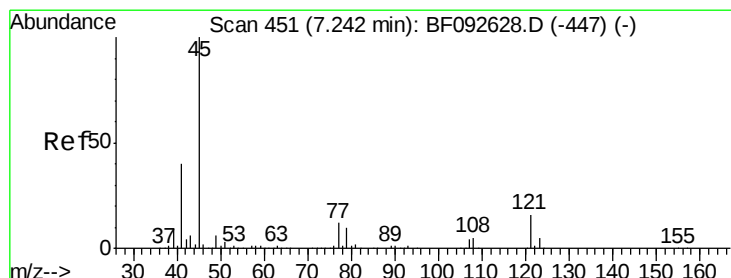
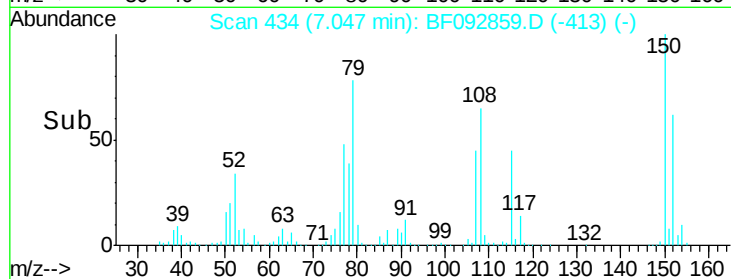
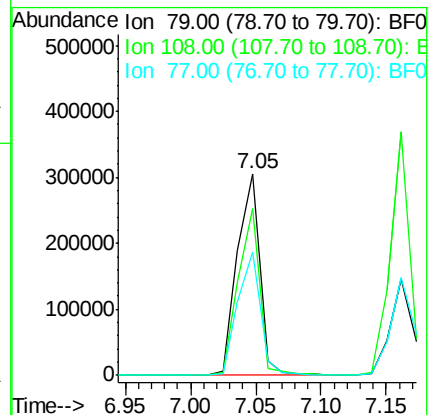
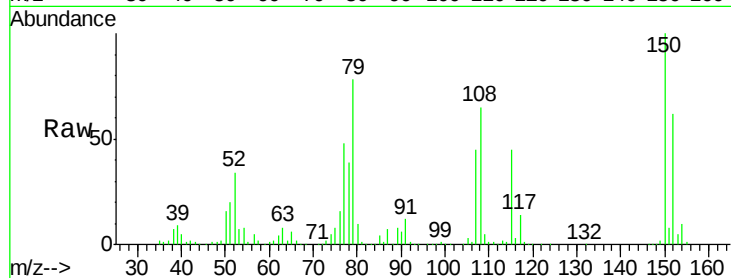
Tgt Ion: 79 Resp: 365814

Ion Ratio Lower Upper

79 100

108 82.5 61.4 92.0

77 61.0 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.18 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.06 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

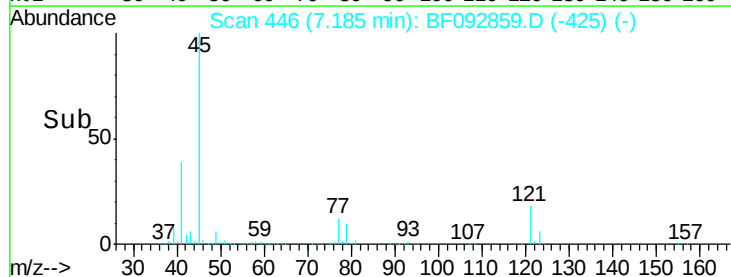
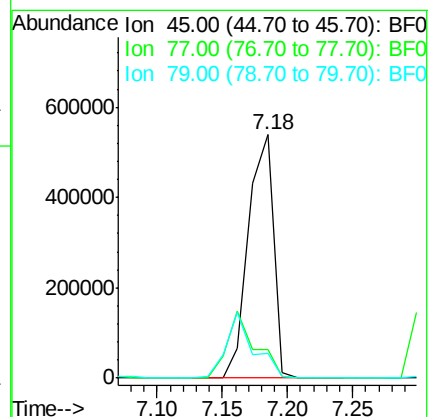
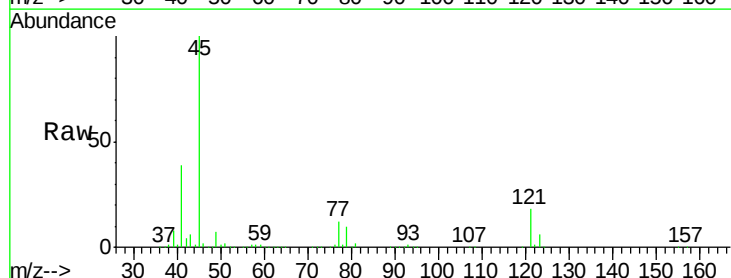
Tgt Ion: 45 Resp: 719214

Ion Ratio Lower Upper

45 100

77 11.8 0.0 34.6

79 10.2 0.0 31.2

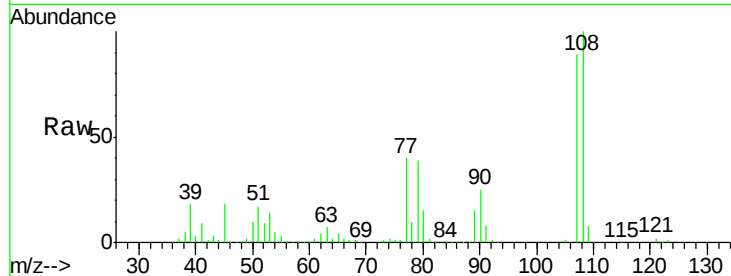




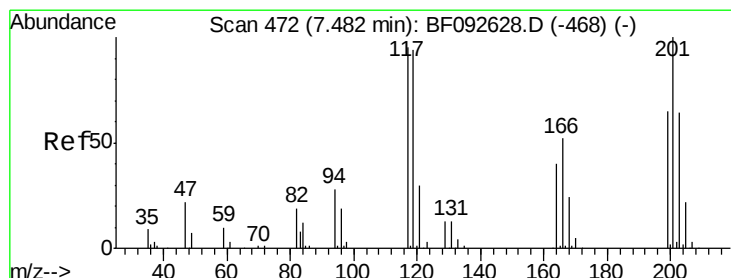
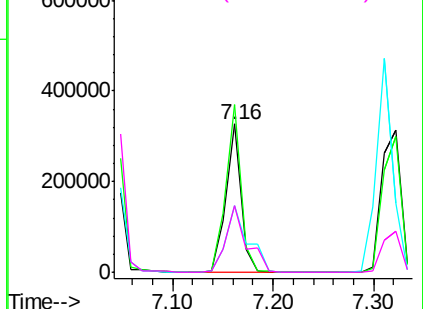
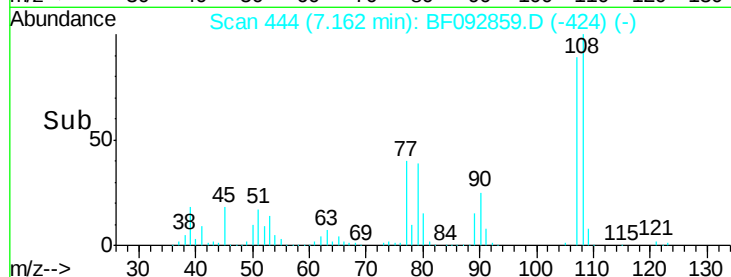
#17
2-Methylphenol
Concen: 43.41 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tgt Ion:107 Resp: 343712
Ion Ratio Lower Upper
107 100
108 112.7 93.0 139.6
77 45.1 39.8 59.8
79 44.5 38.0 57.0

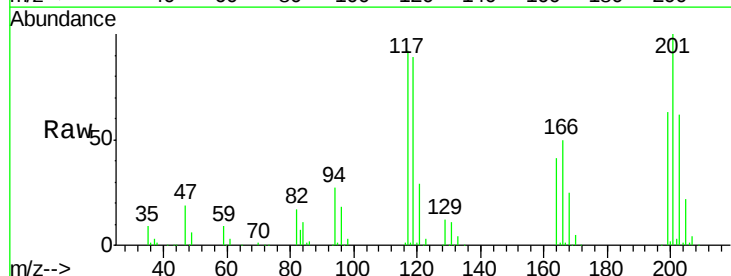


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

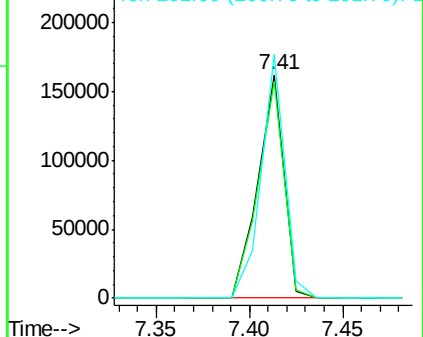
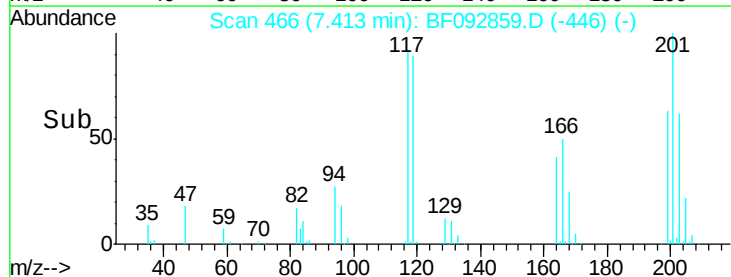


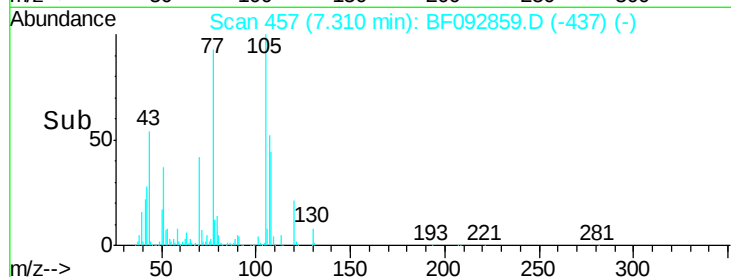
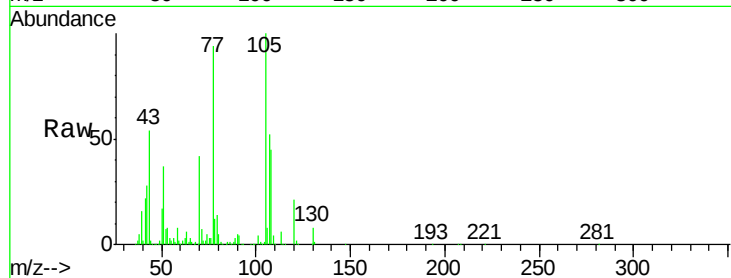
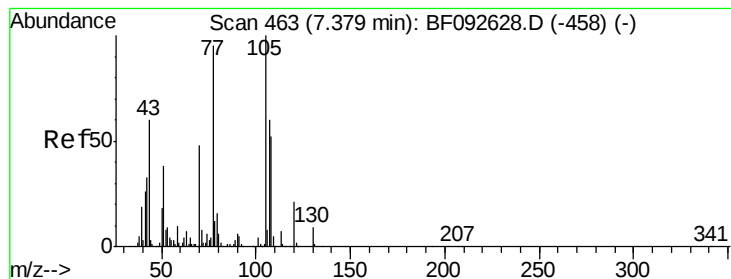
#18
Hexachloroethane
Concen: 41.56 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion:117 Resp: 155224
Ion Ratio Lower Upper
117 100
119 97.2 78.1 117.1
201 109.0 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: 41.06 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

Tgt Ion: 70 Resp: 281381

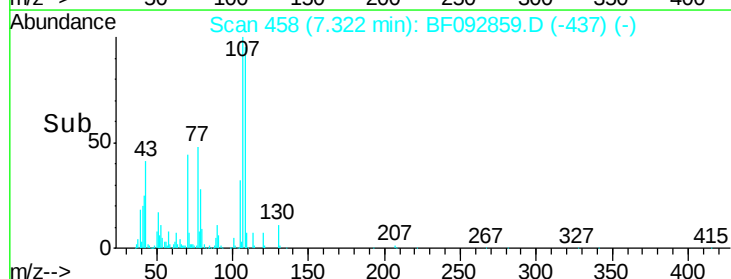
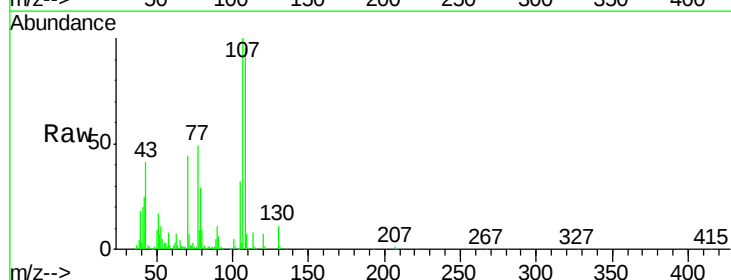
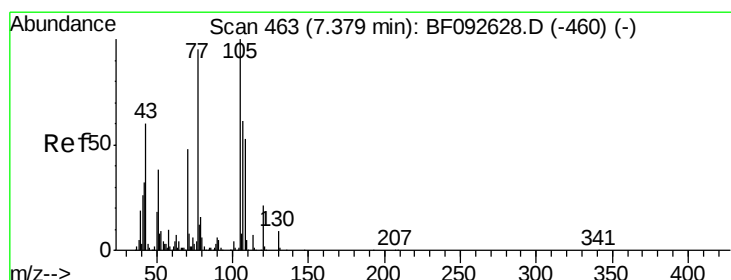
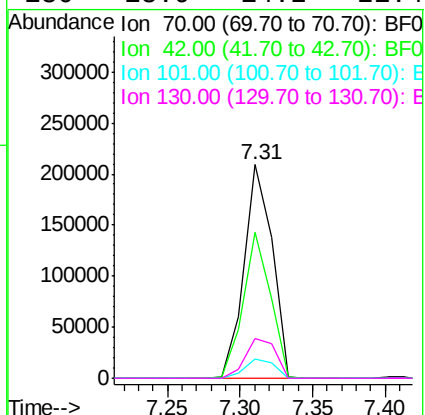
Ion Ratio Lower Upper

70 100

42 68.3 49.4 74.0

101 9.0 7.4 11.2

130 18.9 14.2 21.4



#20

3+4-Methylphenols

Concen: 44.44 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.06 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion: 107 Resp: 420756

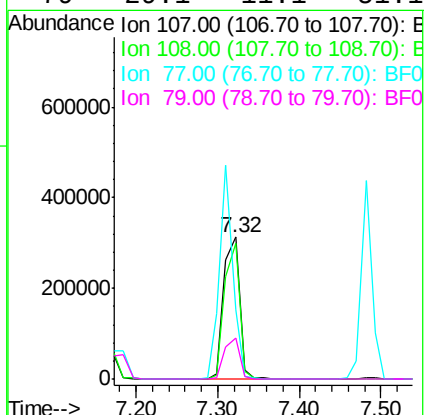
Ion Ratio Lower Upper

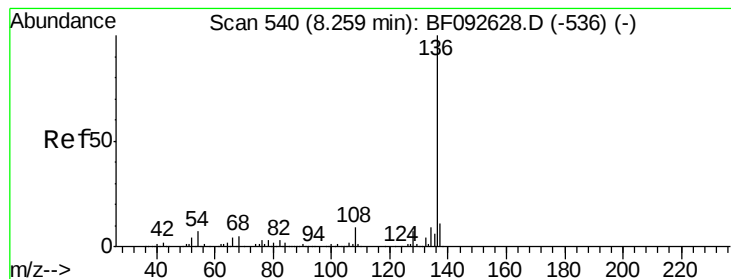
107 100

108 95.3 73.0 113.0

77 48.7 71.3 111.3#

79 29.1 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: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

Tgt Ion:136 Resp: 568122

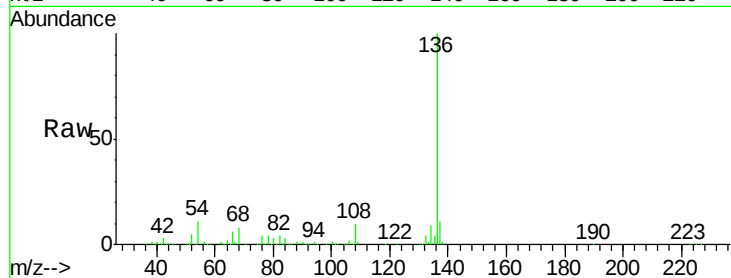
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.3 4.5 6.7#

68 7.7 3.6 5.4#



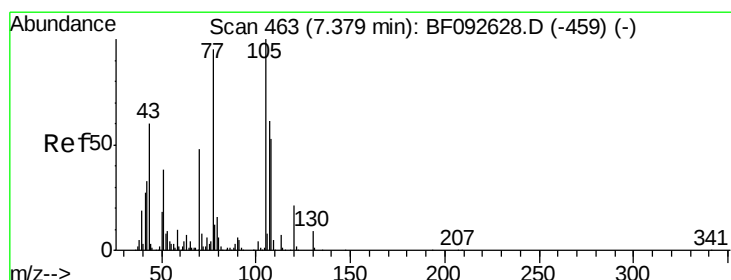
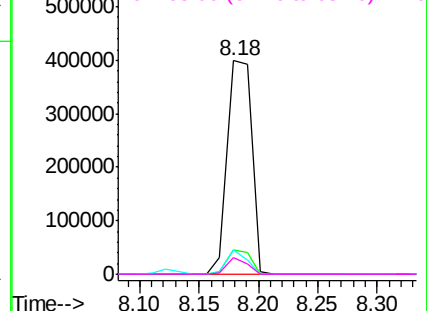
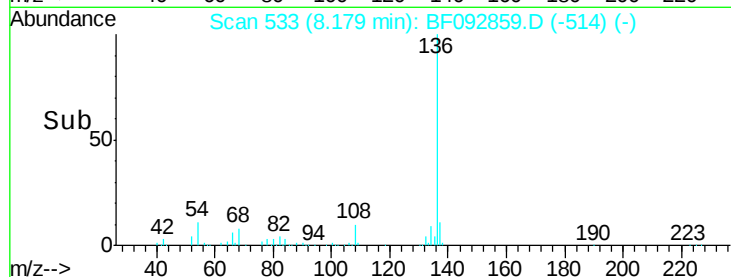
Abundance

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: 40.73 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion:105 Resp: 528279

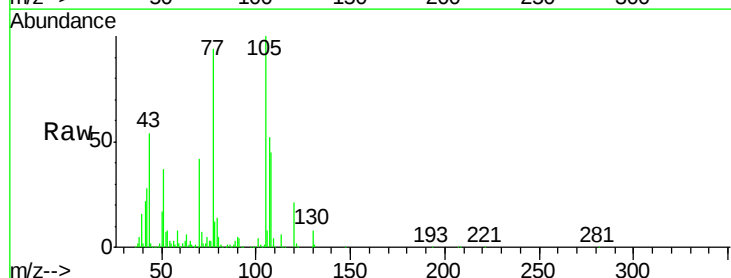
Ion Ratio Lower Upper

105 100

71 6.9 3.2 4.8#

51 36.8 26.2 39.4

120 21.1 16.6 24.8



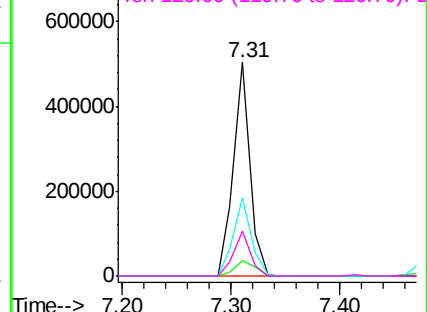
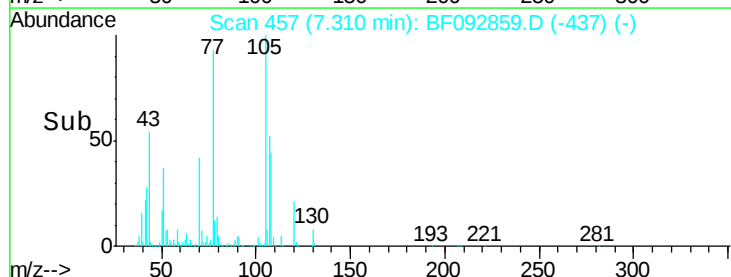
Abundance

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: 90.06 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

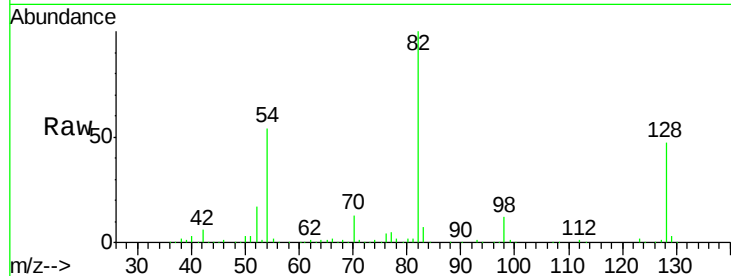
Tgt Ion: 82 Resp: 918787

Ion Ratio Lower Upper

82 100

128 47.1 34.6 52.0

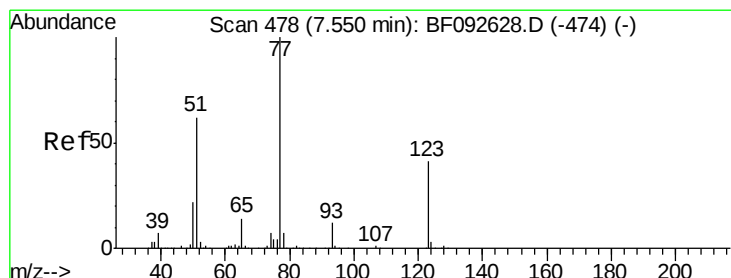
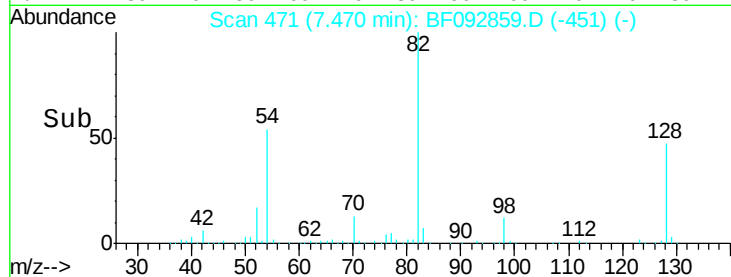
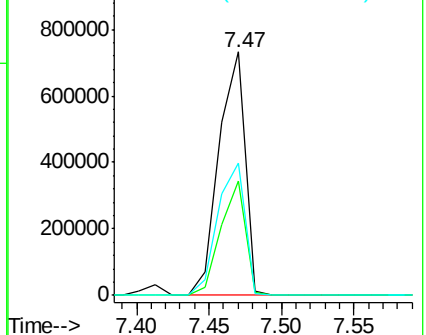
54 54.4 39.5 59.3



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: 38.11 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

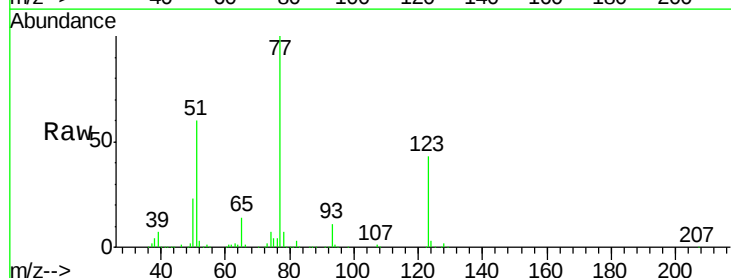
Tgt Ion: 77 Resp: 399189

Ion Ratio Lower Upper

77 100

123 42.6 33.0 49.4

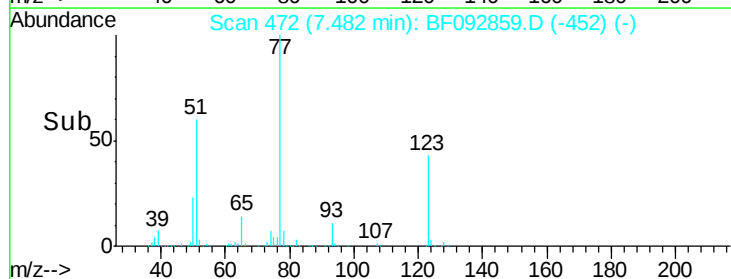
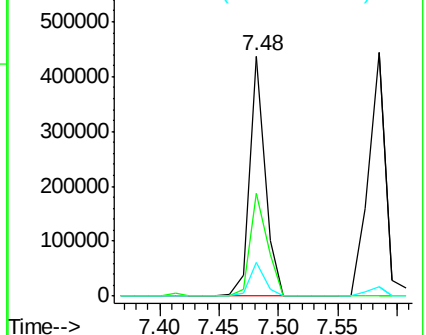
65 14.0 11.2 16.8

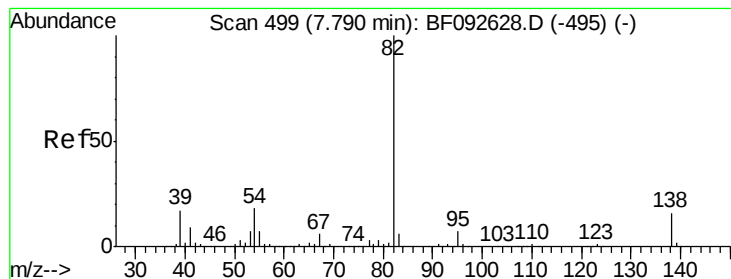


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.05 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

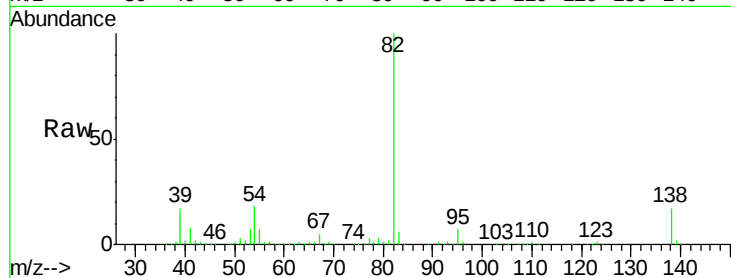
Tgt Ion: 82 Resp: 780314

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

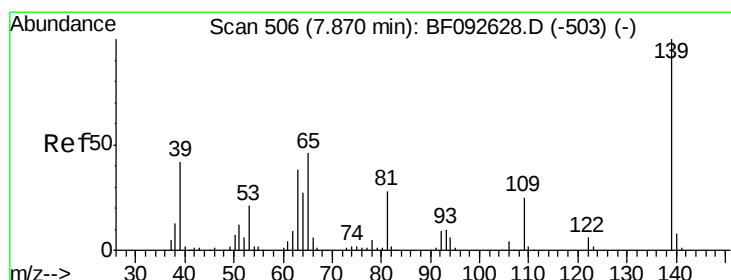
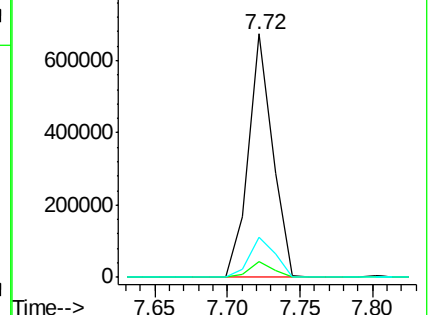
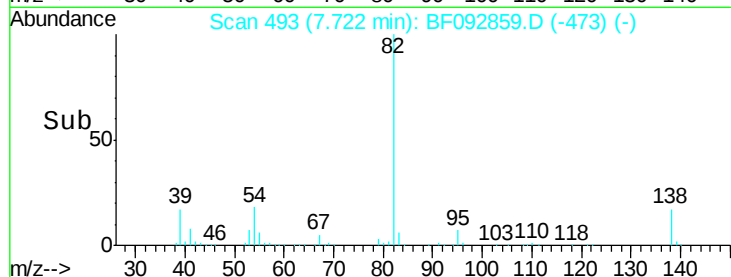
138 16.7 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.12 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

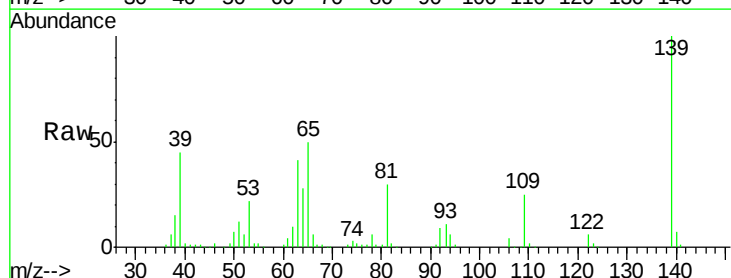
Tgt Ion: 139 Resp: 224662

Ion Ratio Lower Upper

139 100

109 25.1 23.3 34.9

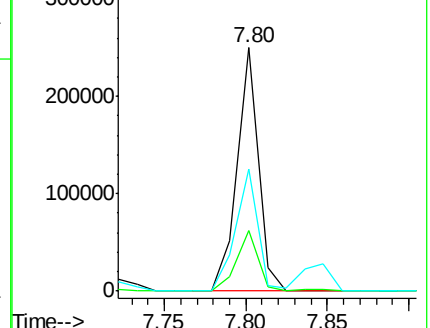
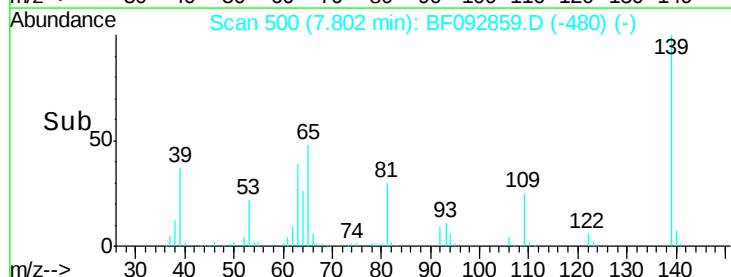
65 50.2 42.7 64.1

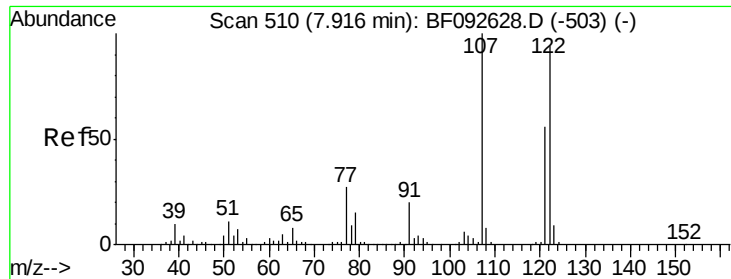


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

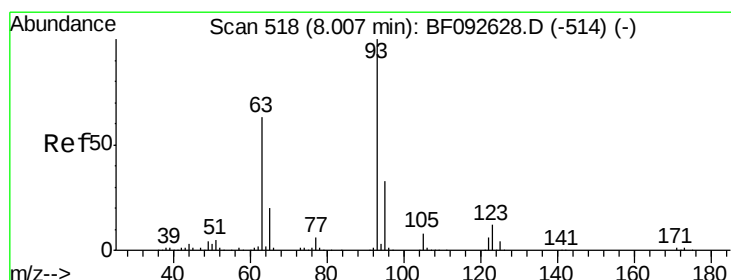
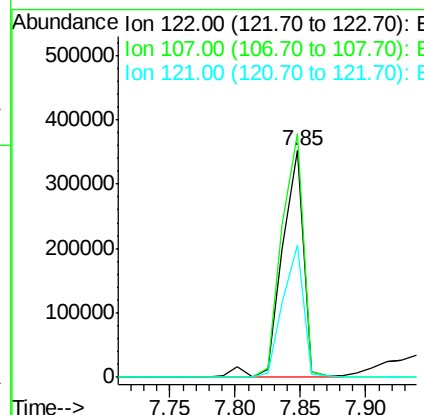
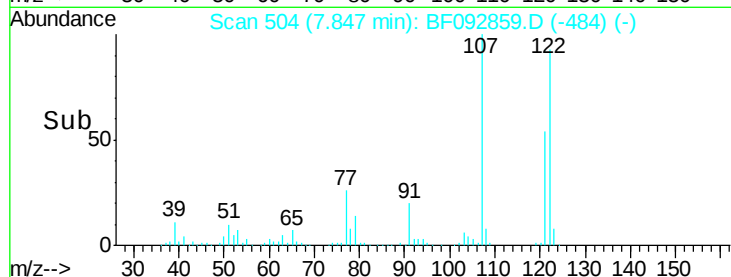
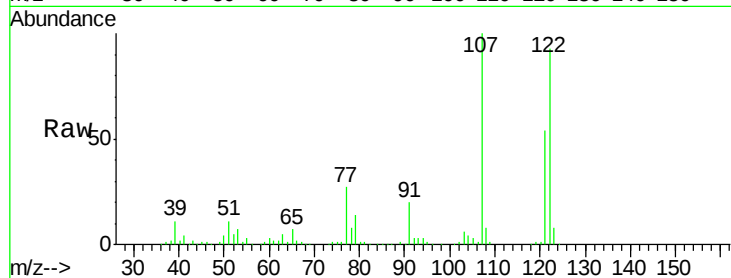




#27
2,4-Dimethylphenol
Concen: 46.78 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

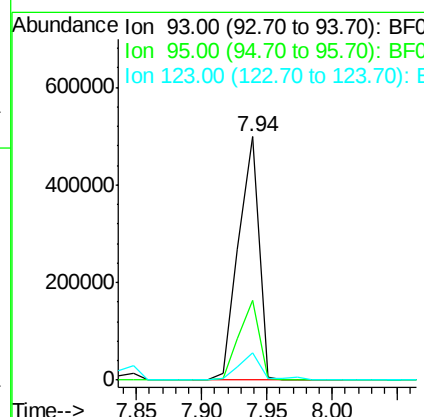
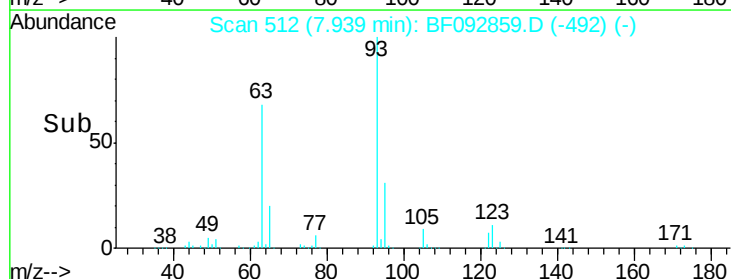
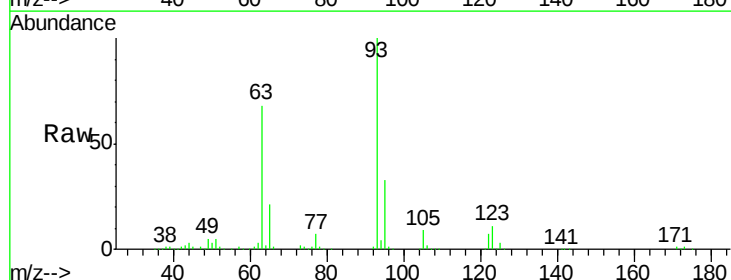
Instrument :
BNA_F
ClientSampleId :
PB96823BS

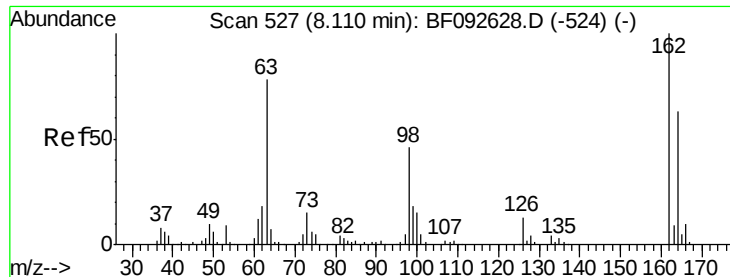
Tgt Ion:122 Resp: 409128
Ion Ratio Lower Upper
122 100
107 107.4 94.1 141.1
121 58.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.01 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion: 93 Resp: 541578
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.3 8.6 13.0

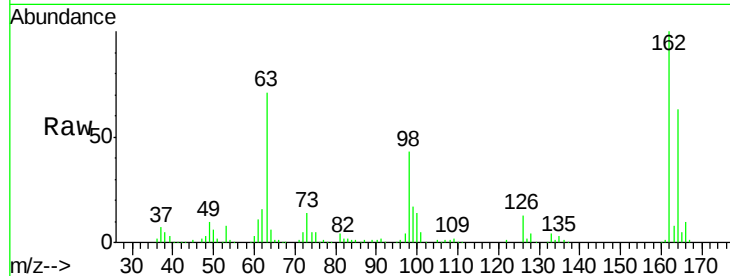




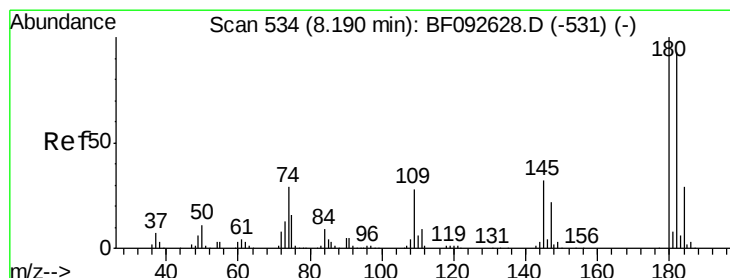
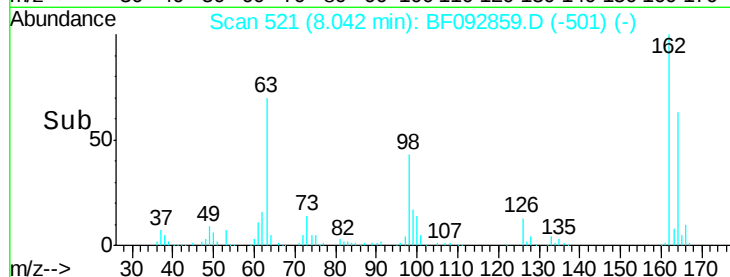
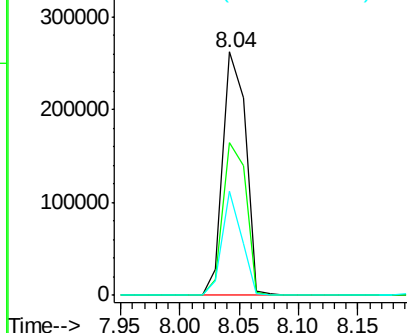
#29
 2,4-Dichlorophenol
 Concen: 42.97 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.07 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tgt Ion:162 Resp: 350496
 Ion Ratio Lower Upper
 162 100
 164 62.8 46.8 86.8
 98 42.8 9.1 49.1

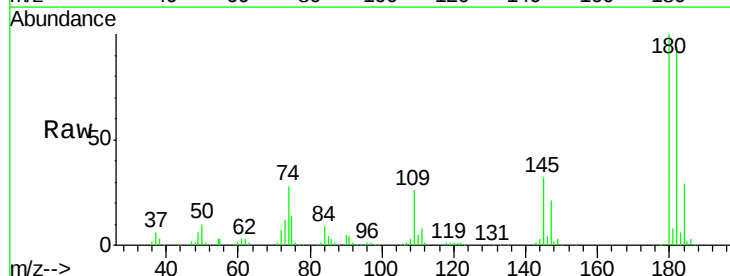


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

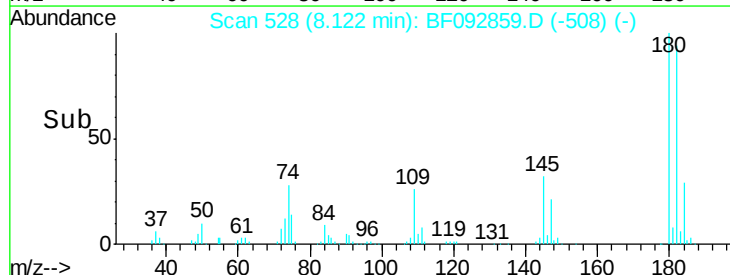
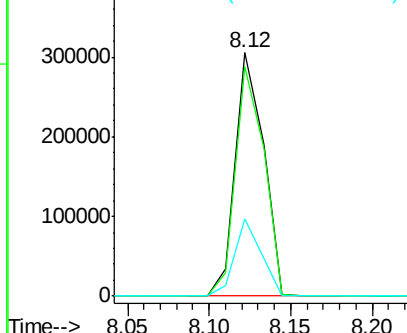


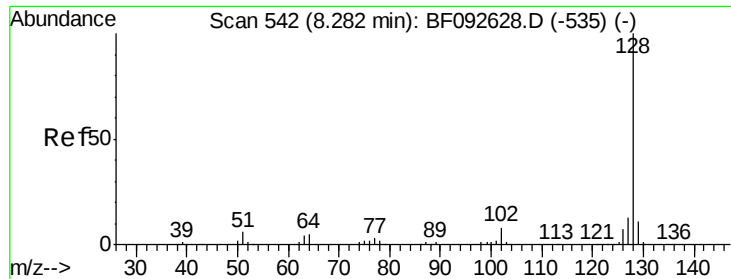
#30
 1,2,4-Trichlorobenzene
 Concen: 41.40 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.07 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion:180 Resp: 363899
 Ion Ratio Lower Upper
 180 100
 182 94.3 78.2 117.4
 145 31.8 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

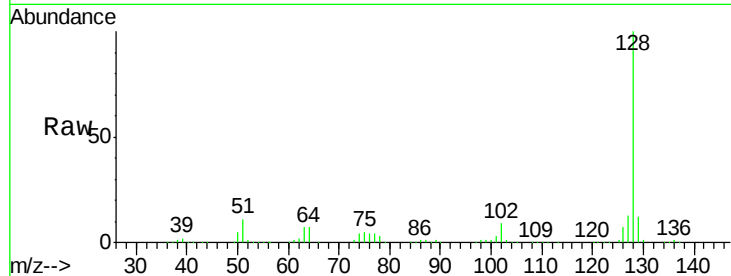




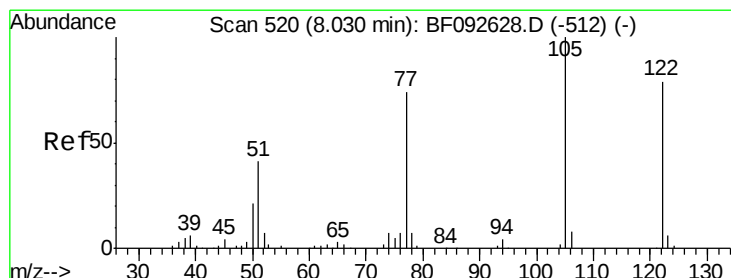
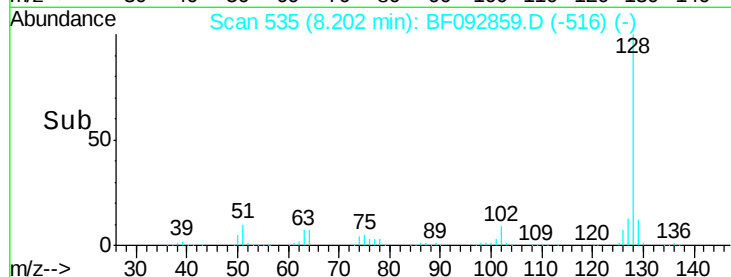
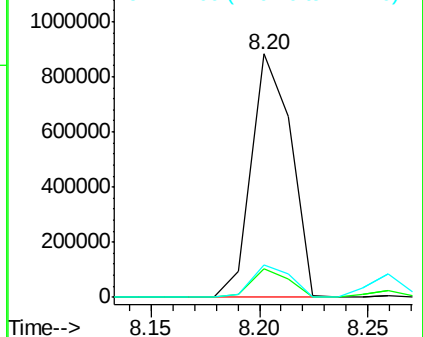
#31
Naphthalene
Concen: 39.09 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.08 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tgt Ion:128 Resp: 1125852
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.4 10.8 16.2

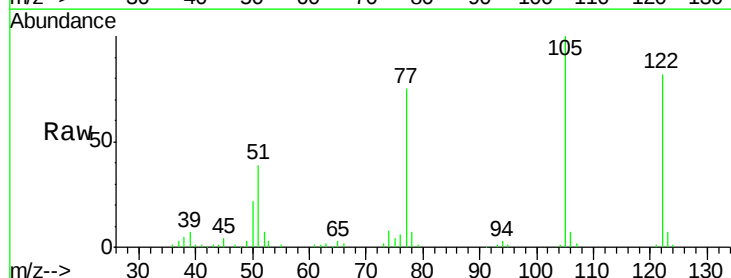


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

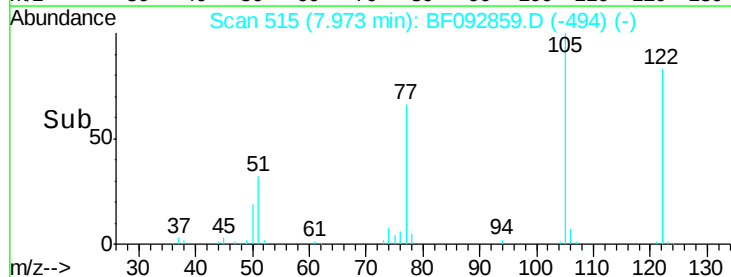
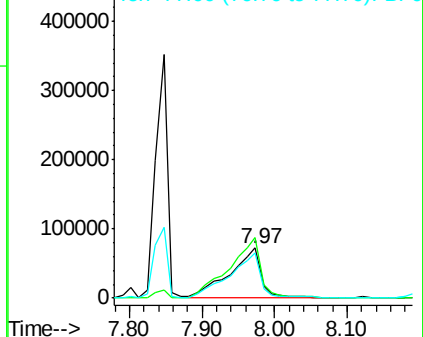


#32
Benzoic acid
Concen: 43.79 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.06 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion:122 Resp: 213316
Ion Ratio Lower Upper
122 100
105 121.4 107.2 147.2
77 91.5 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

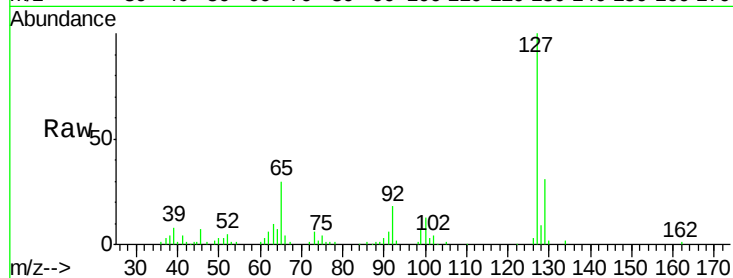




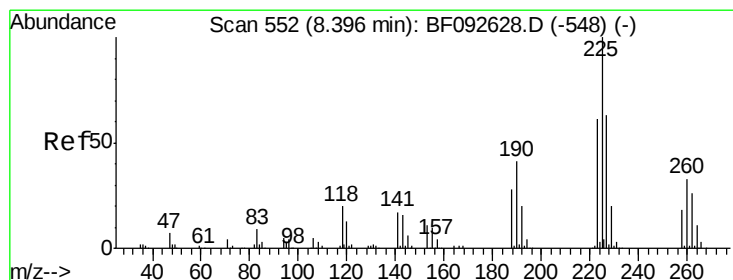
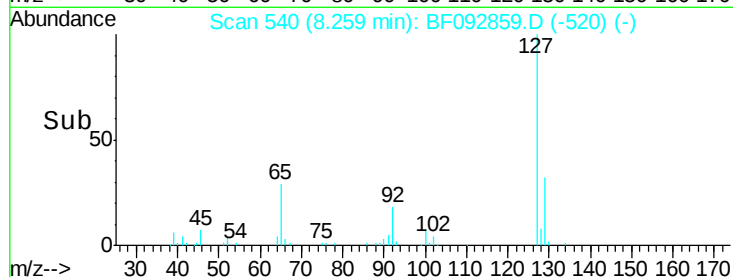
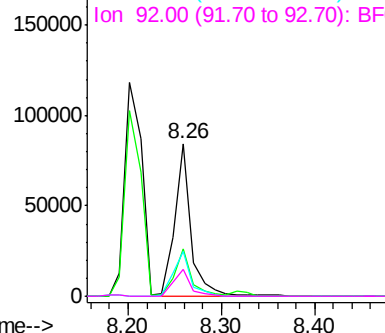
#33
4-Chloroaniline
Concen: 9.19 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tgt Ion:	127	Resp:	103795
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	29.7	25.8	38.8
92	18.1	16.1	24.1

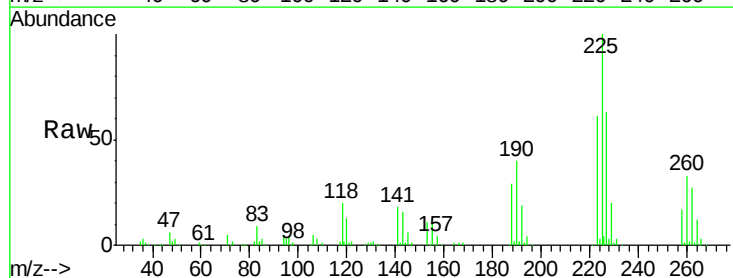


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

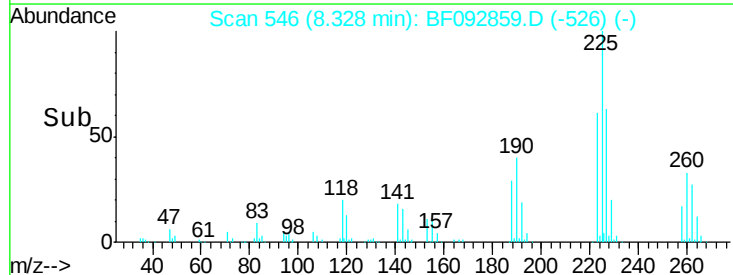
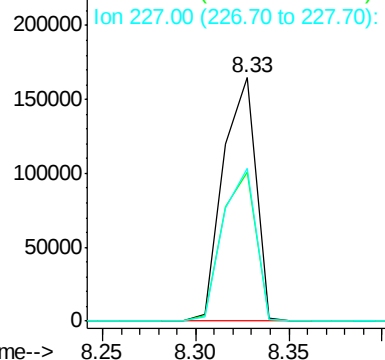


#34
Hexachlorobutadiene
Concen: 41.30 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion:	225	Resp:	199728
Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.0	76.6
227	62.5	50.6	76.0



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

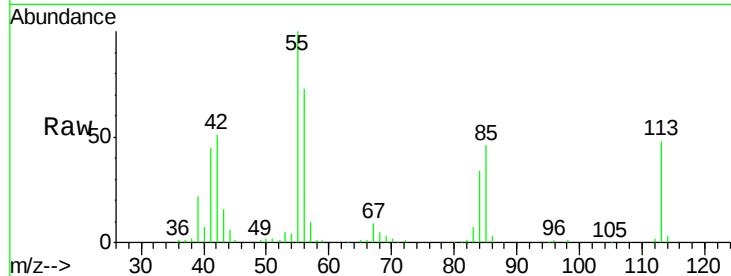




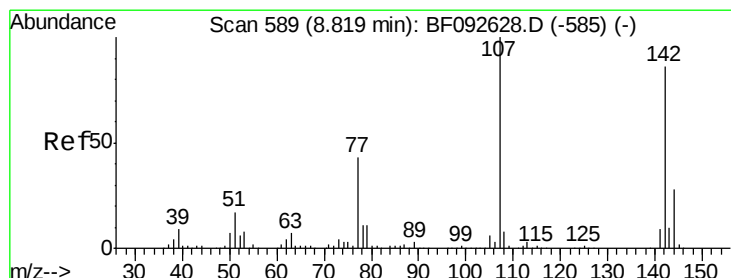
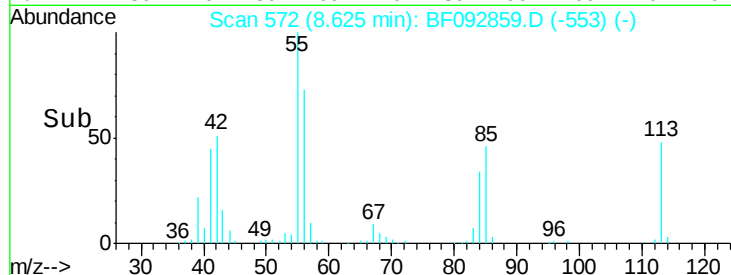
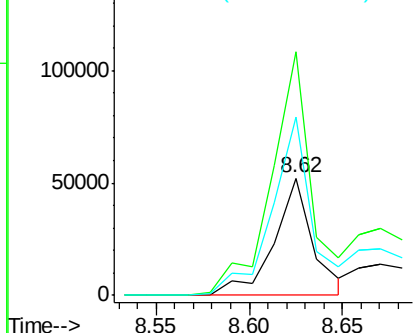
#35
 Caprolactam
 Concen: 29.50 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.08 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tgt Ion:113 Resp: 75680
 Ion Ratio Lower Upper
 113 100
 55 207.5 119.2 159.2#
 56 151.6 83.8 123.8#

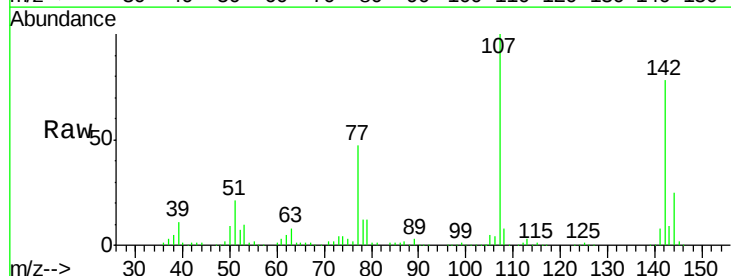


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

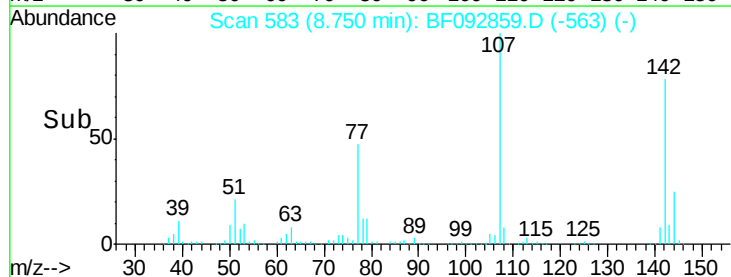
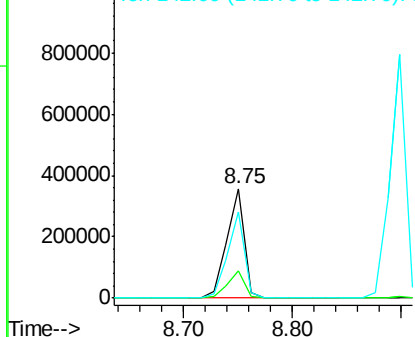


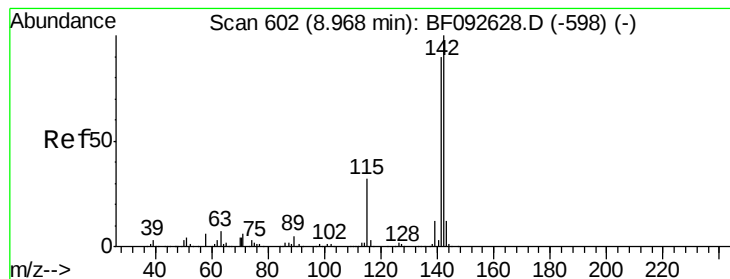
#36
 4-Chloro-3-methylphenol
 Concen: 46.40 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.07 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion:107 Resp: 394587
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.3 28.9
 142 77.9 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.48 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

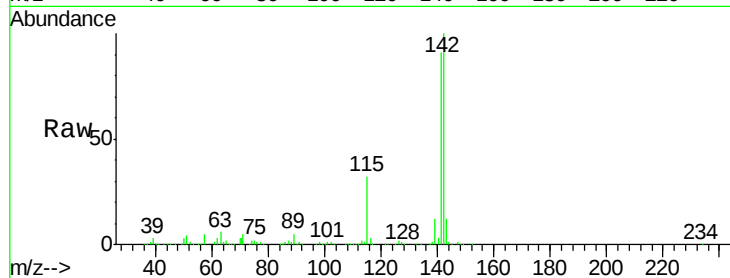
Tgt Ion:142 Resp: 804014

Ion Ratio Lower Upper

142 100

141 90.9 71.0 106.6

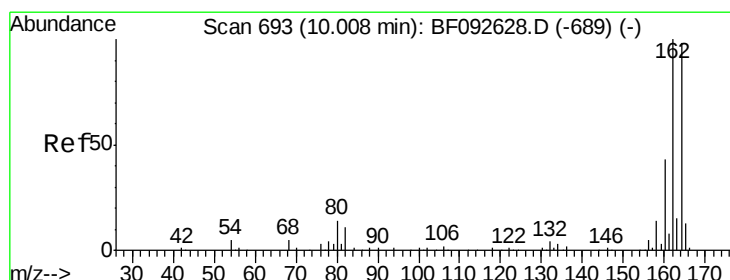
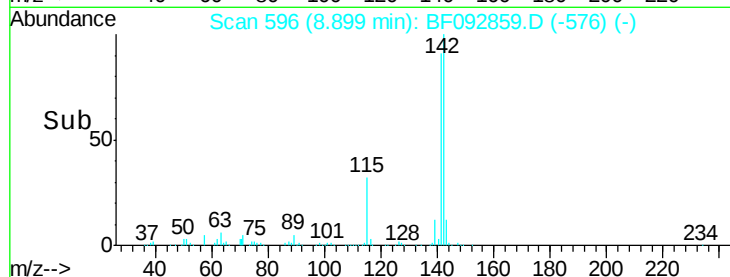
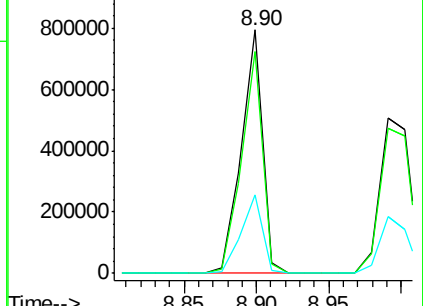
115 32.1 28.3 42.5



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: BF092859.D

Acq: 8 Feb 2017 18:02

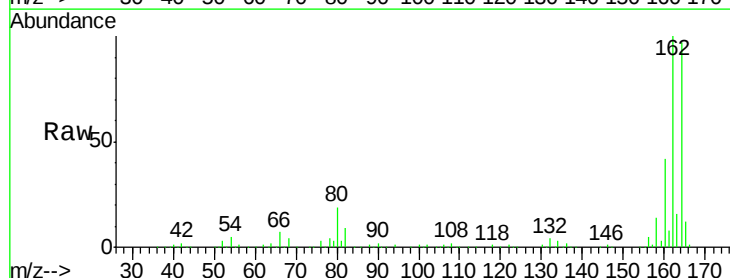
Tgt Ion:164 Resp: 319330

Ion Ratio Lower Upper

164 100

162 103.1 80.2 120.2

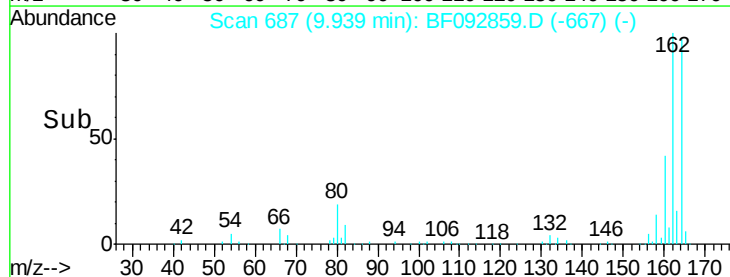
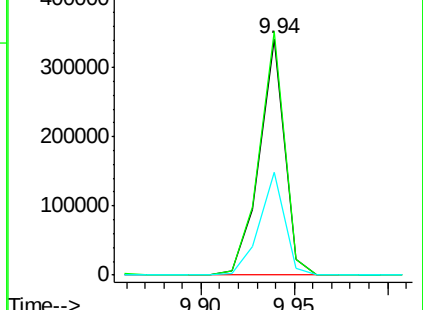
160 43.5 36.9 55.3

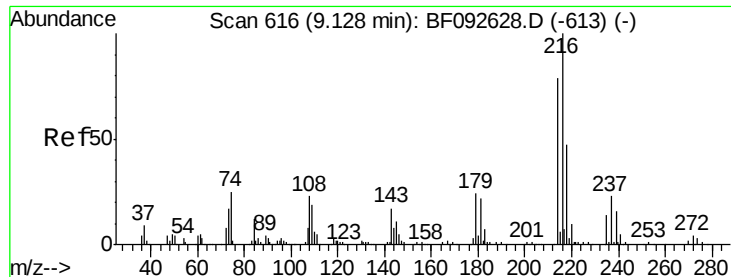


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

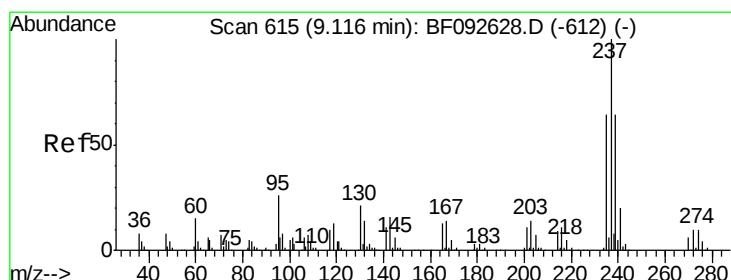
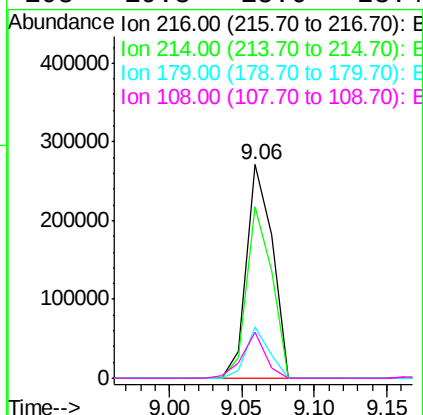
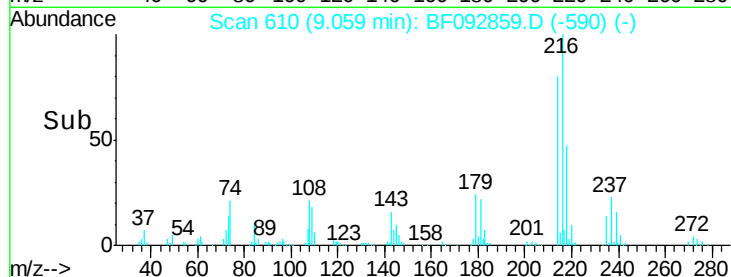
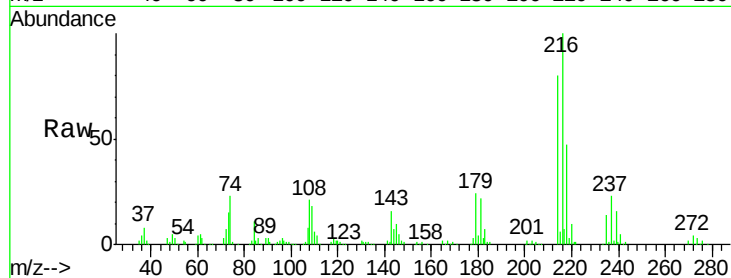




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.37 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

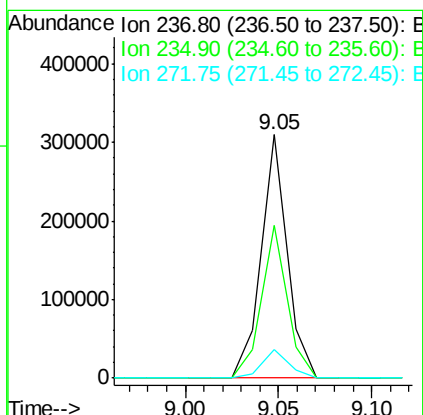
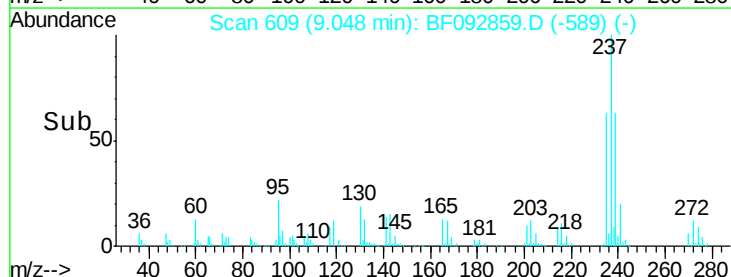
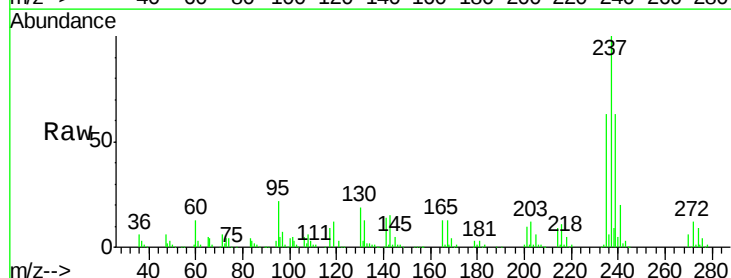
Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tgt Ion:	216	Resp:	334976
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.0
179	21.1	17.4	26.2
108	19.3	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 73.71 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.07 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion:	237	Resp:	298083
Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.2	81.2
272	11.7	0.0	35.4

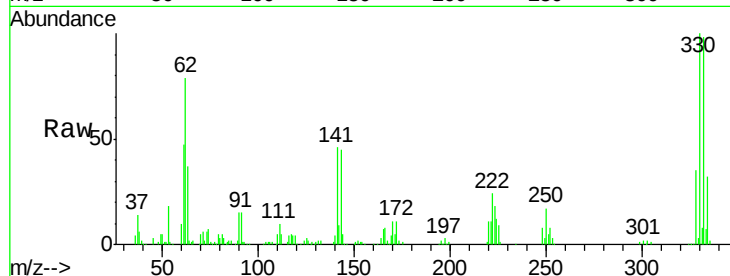




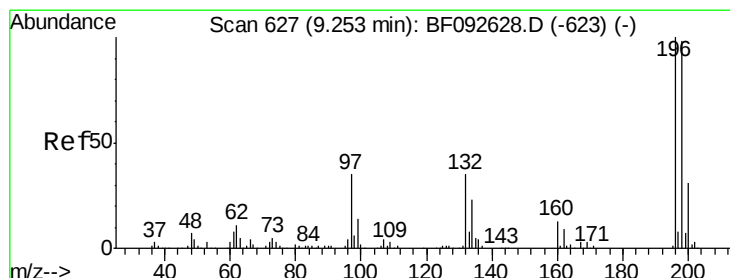
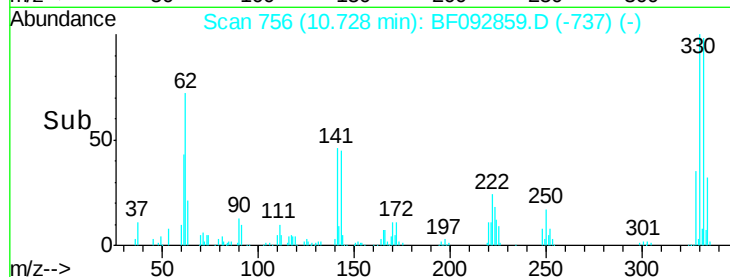
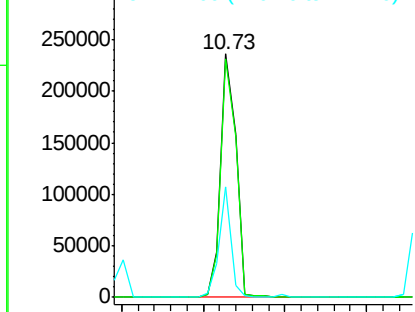
#41
 2,4,6-Tribromophenol
 Concen: 134.39 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tgt Ion:330 Resp: 310386
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 35.0 34.1 51.1

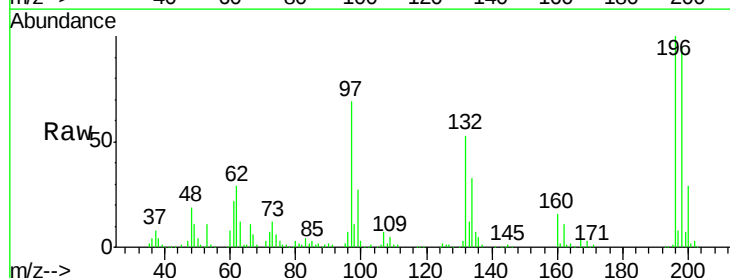


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

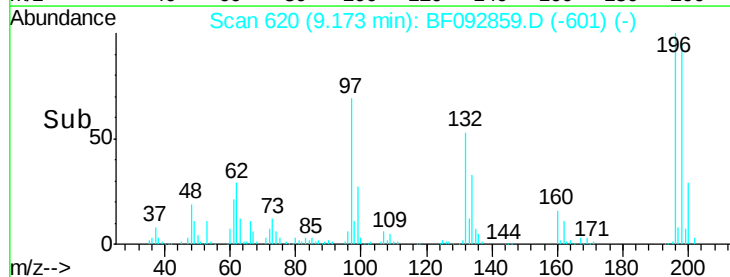
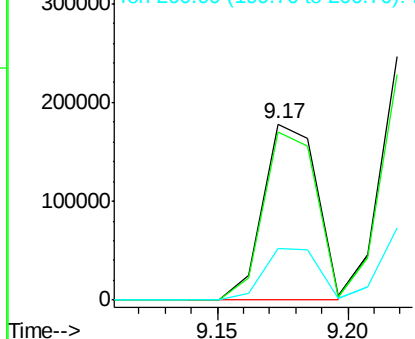


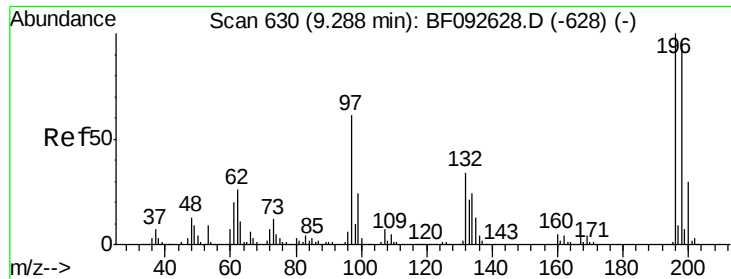
#42
 2,4,6-Trichlorophenol
 Concen: 43.07 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.08 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion:196 Resp: 253672
 Ion Ratio Lower Upper
 196 100
 198 95.2 82.1 123.1
 200 29.5 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

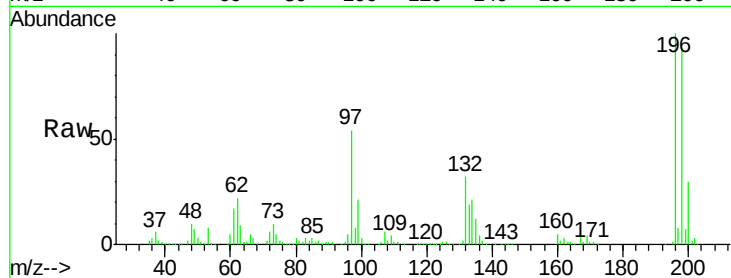




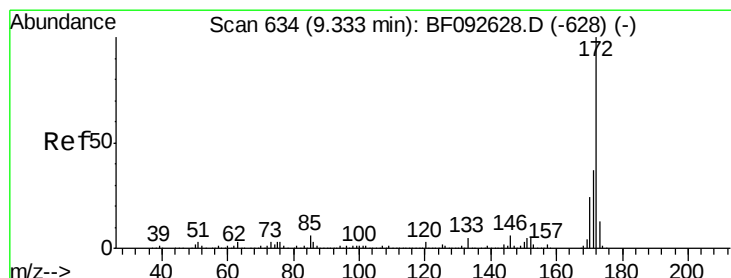
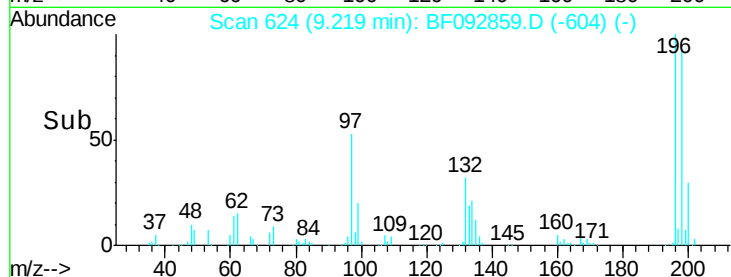
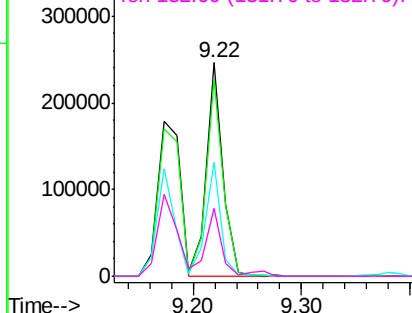
#43
 2,4,5-Trichlorophenol
 Concen: 40.75 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.07 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.6	79.4	119.2
97	53.6	51.5	77.3
132	31.7	27.4	41.2

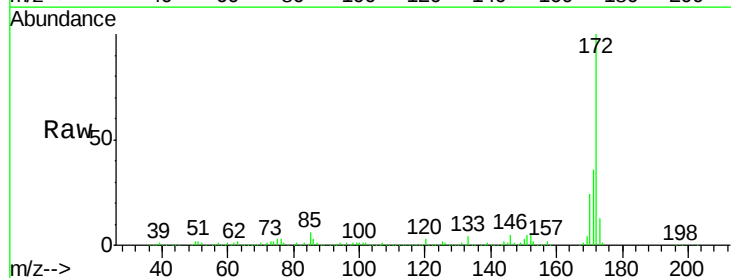


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

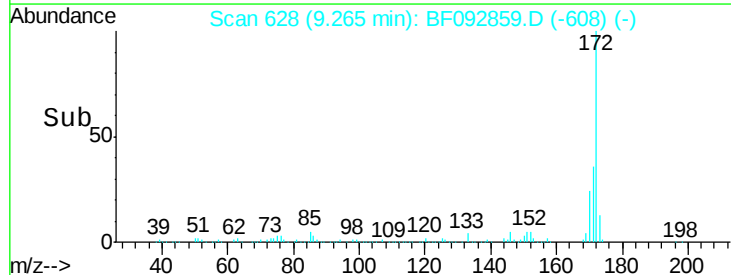
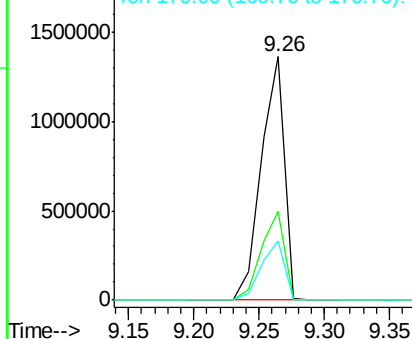


#44
 2-Fluorobiphenyl
 Concen: 95.41 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	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

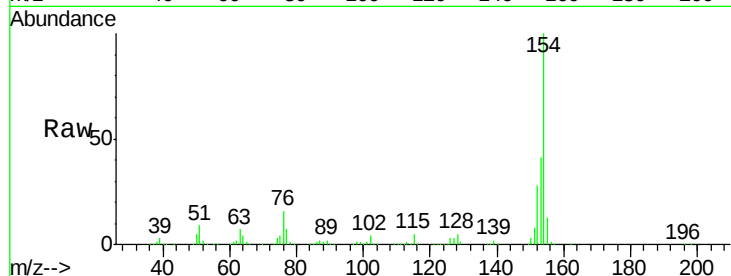




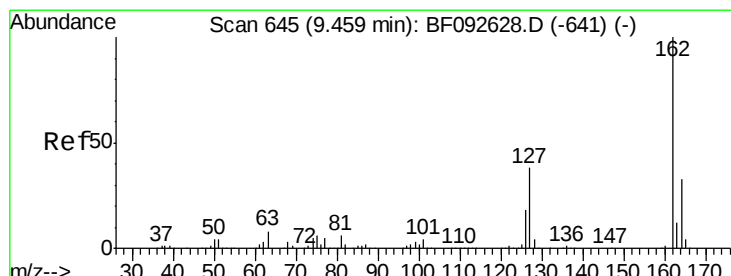
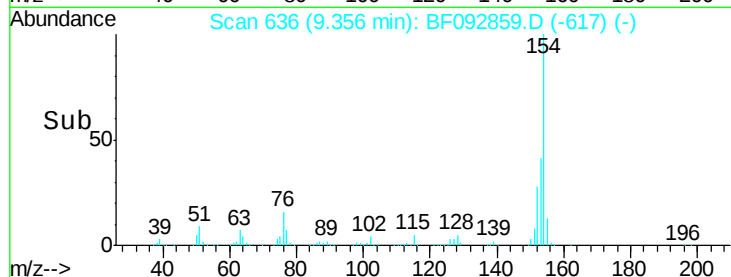
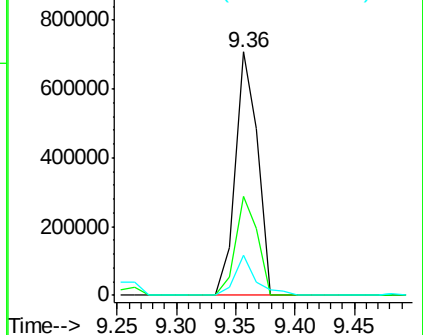
#45
 1,1'-Biphenyl
 Concen: 39.54 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.08 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tgt Ion:	154	Resp:	914307
Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.9	60.9
76	16.3	0.0	30.5

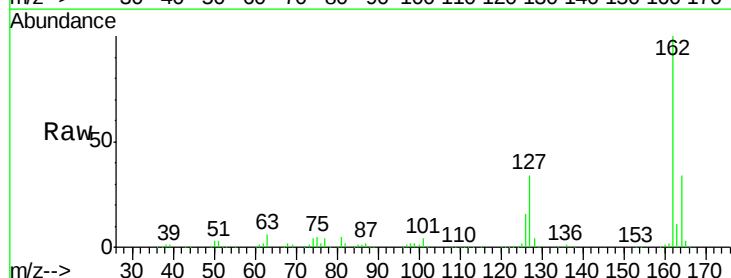


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

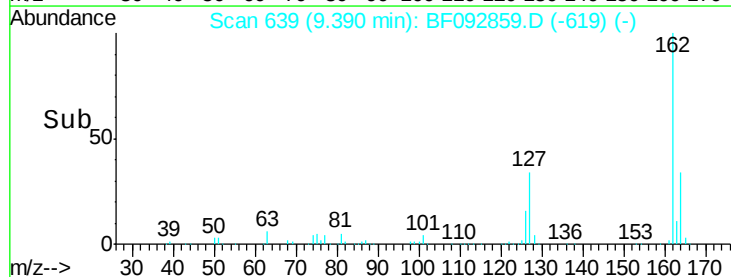
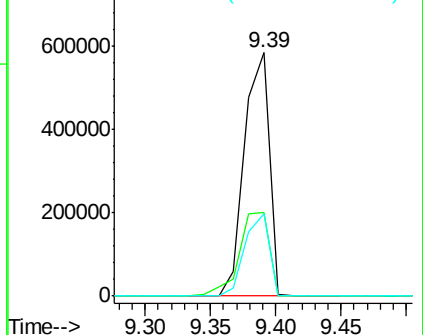


#46
 2-Chloronaphthalene
 Concen: 42.81 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.07 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion:	162	Resp:	774353
Ion	Ratio	Lower	Upper
162	100		
127	34.3	30.7	46.1
164	33.7	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

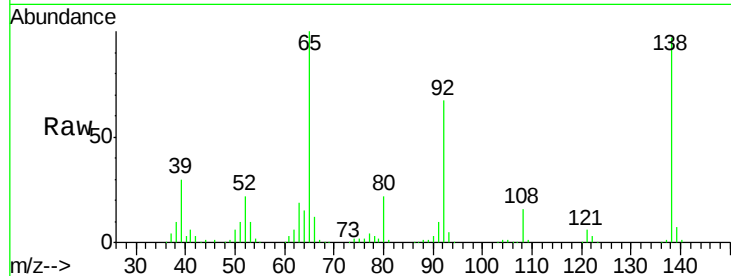




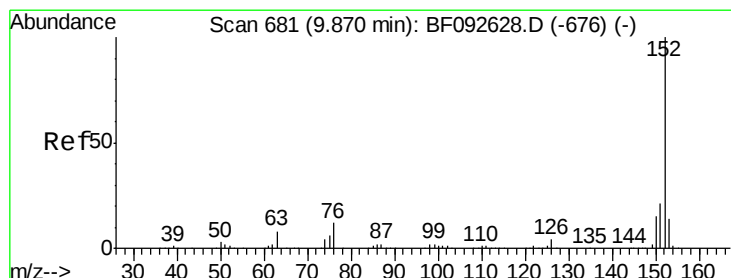
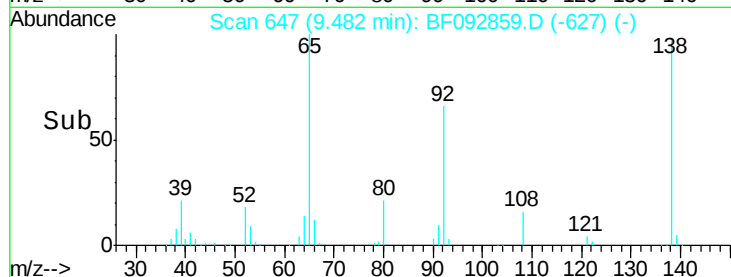
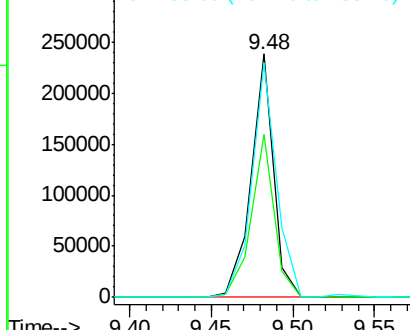
#47
2-Nitroaniline
Concen: 37.45 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tgt Ion: 65 Resp: 227764
Ion Ratio Lower Upper
65 100
92 67.2 53.9 80.9
138 96.6 76.8 115.2

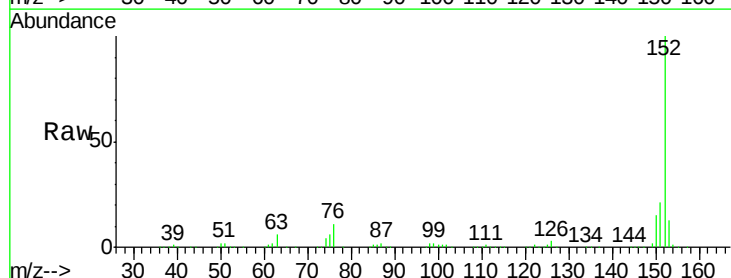


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

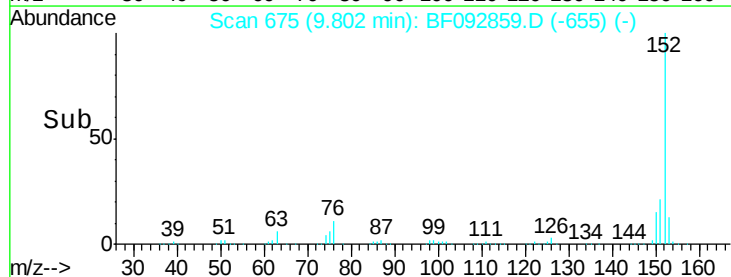
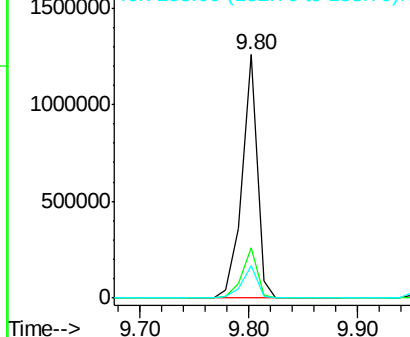


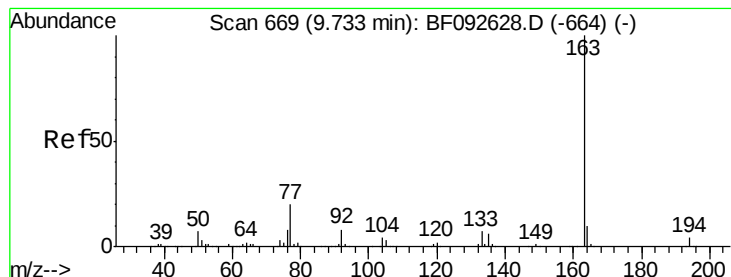
#48
Acenaphthylene
Concen: 38.50 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion: 152 Resp: 1203022
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.4 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 42.07 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

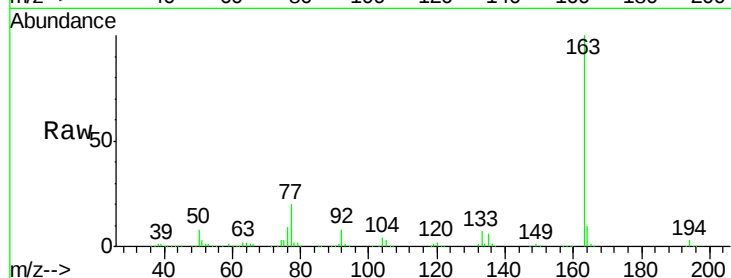
Tgt Ion:163 Resp: 904783

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

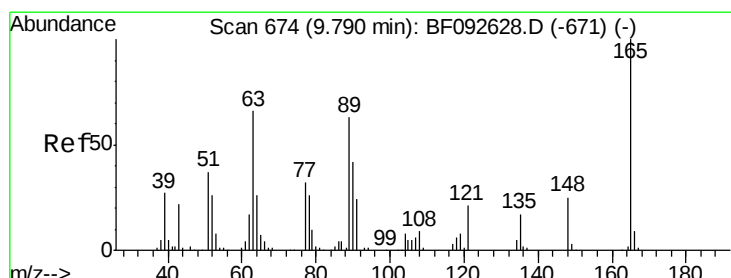
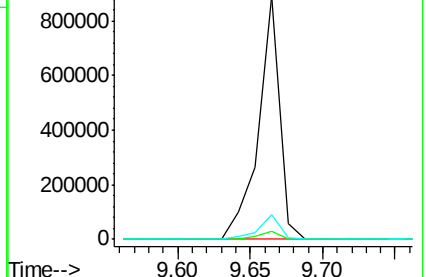
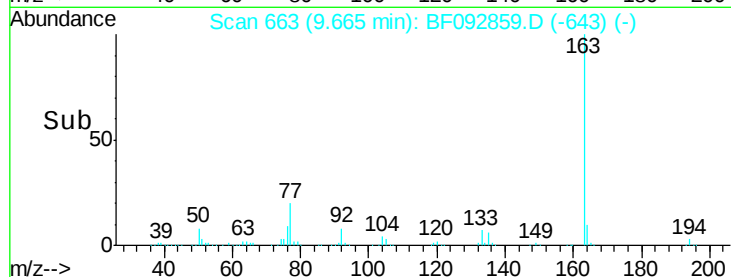
164 10.1 8.0 12.0



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: 41.45 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

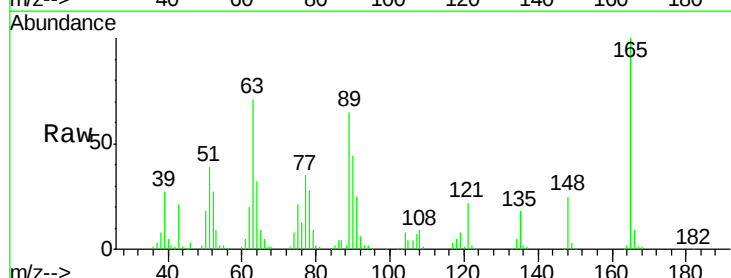
Tgt Ion:165 Resp: 192539

Ion Ratio Lower Upper

165 100

63 71.4 36.2 54.4#

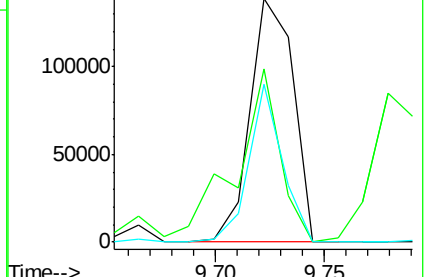
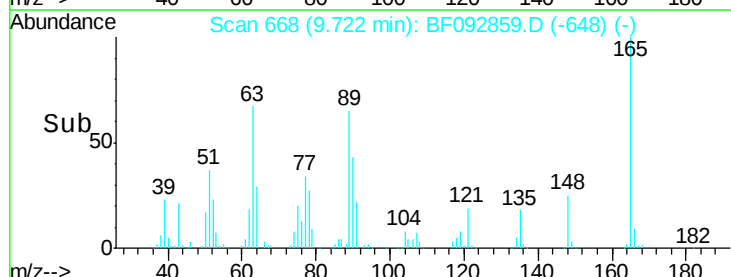
89 64.8 40.2 60.4#



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: 40.21 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

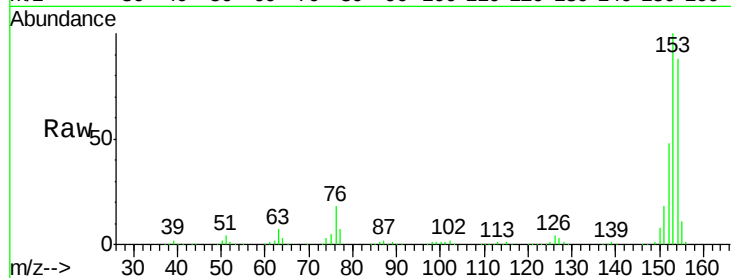
Tgt Ion:154 Resp: 751256

Ion Ratio Lower Upper

154 100

153 113.4 88.6 133.0

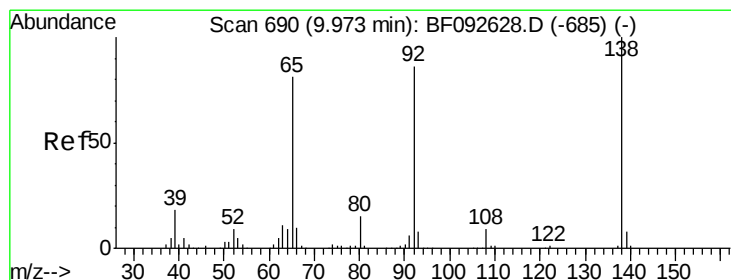
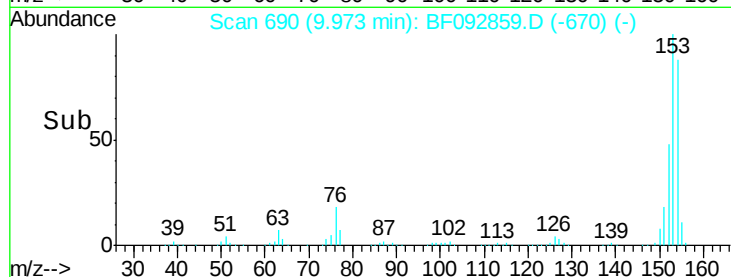
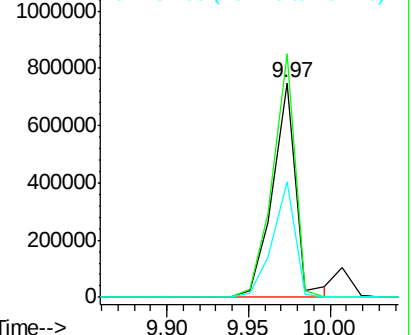
152 54.1 41.6 62.4



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: 13.94 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

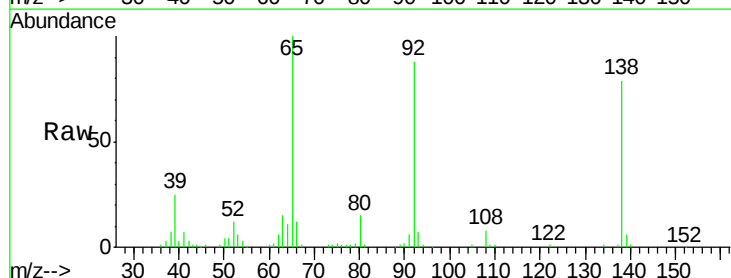
Tgt Ion:138 Resp: 74081

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

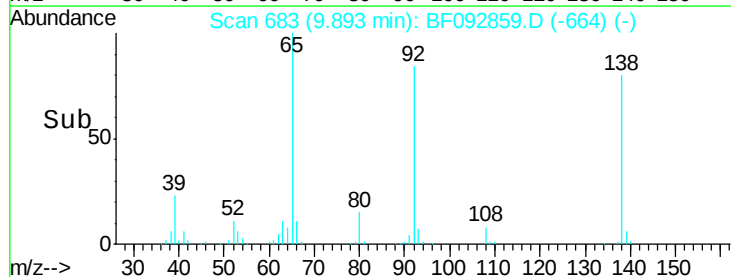
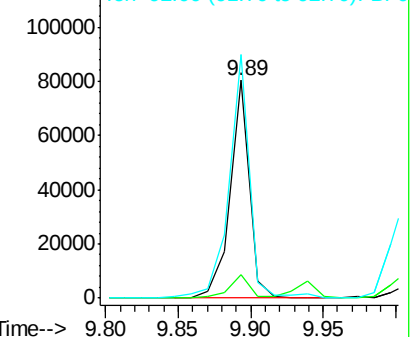
92 111.7 97.8 146.8

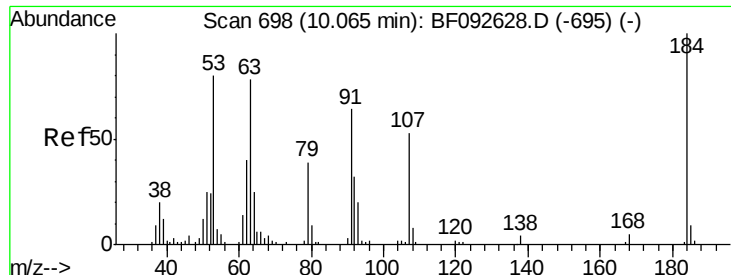


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

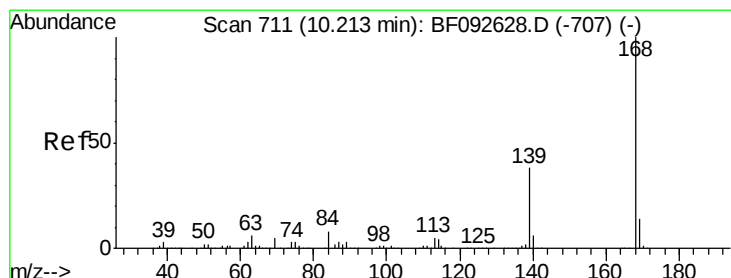
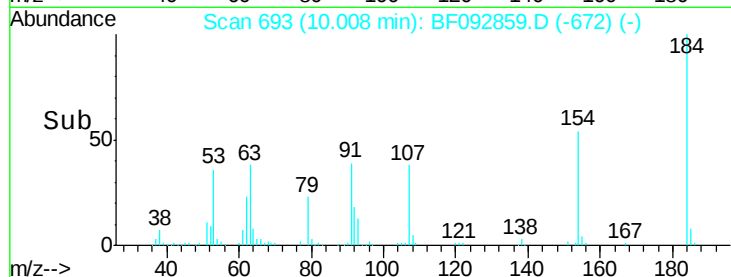
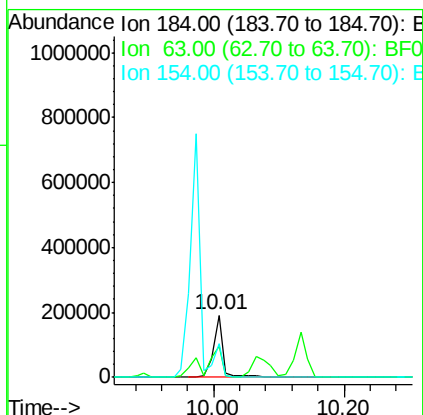
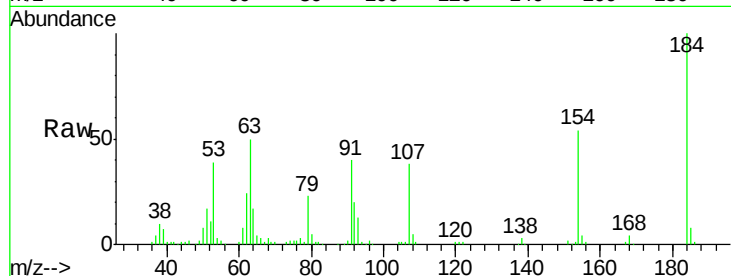




#53
2,4-Dinitrophenol
Concen: 83.85 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.06 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

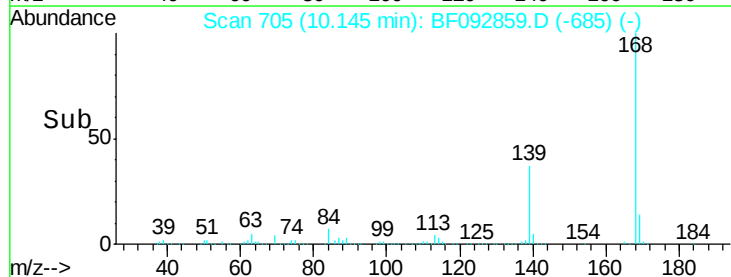
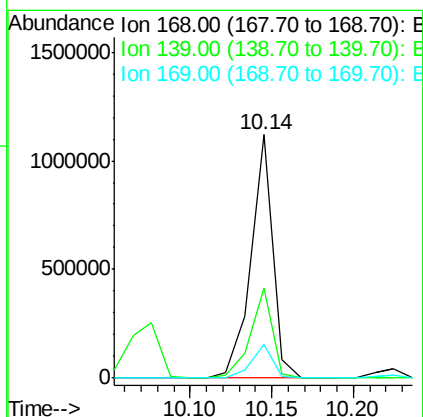
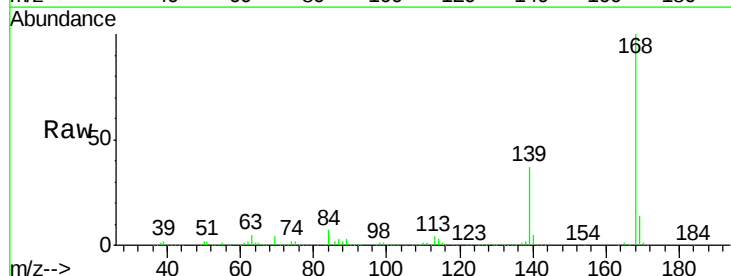
Instrument :
BNA_F
ClientSampleId :
PB96823BS

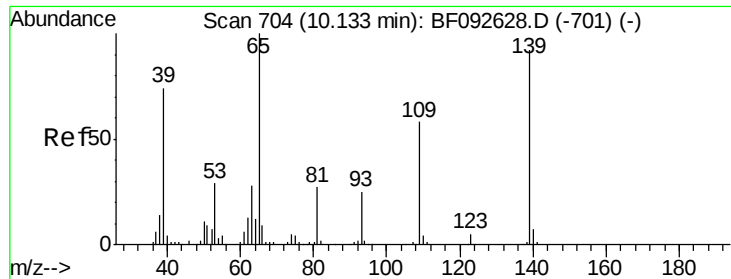
Tgt Ion:184 Resp: 198713
Ion Ratio Lower Upper
184 100
63 50.0 28.4 42.6#
154 54.0 44.3 66.5



#54
Dibenzofuran
Concen: 41.61 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion:168 Resp: 1039802
Ion Ratio Lower Upper
168 100
139 37.1 32.6 49.0
169 13.6 11.3 16.9

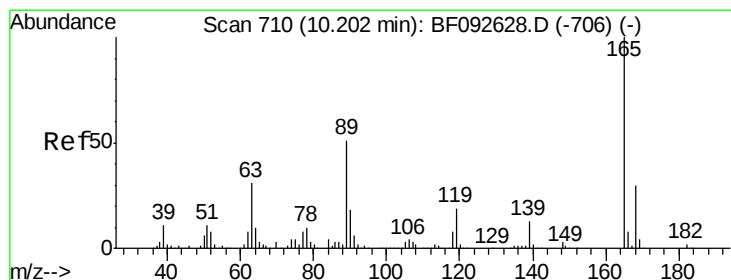
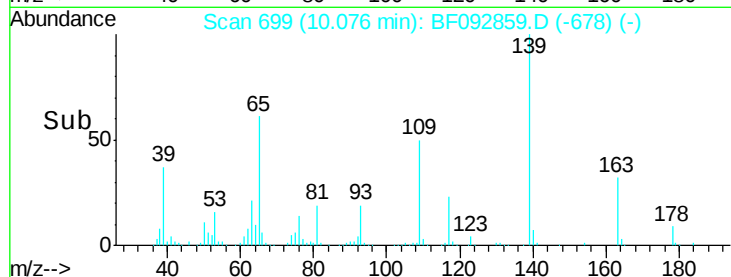
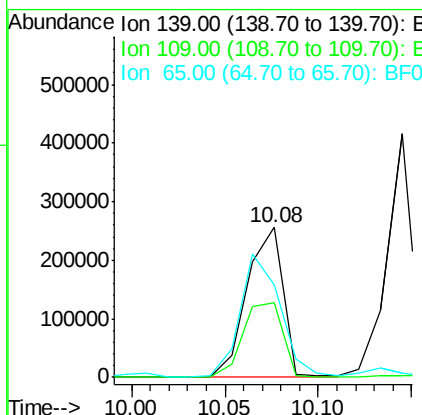
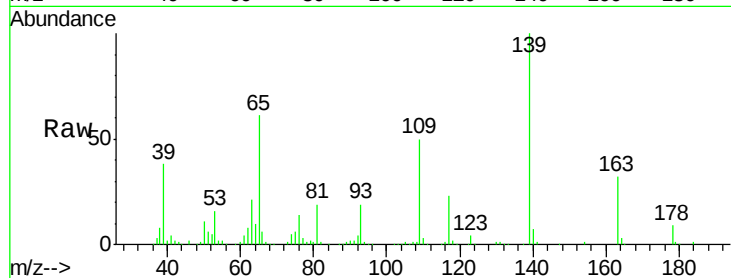




#55
4-Nitrophenol
Concen: 89.98 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.06 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

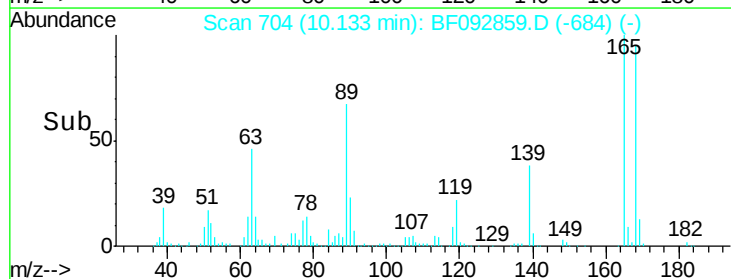
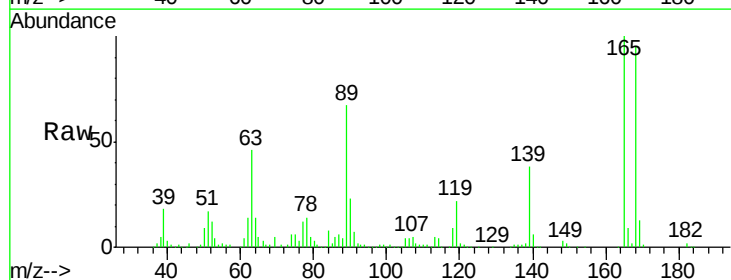
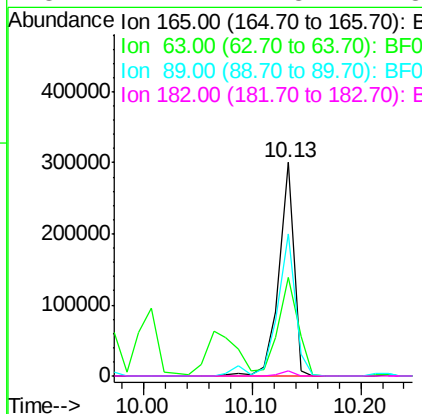
Instrument :
BNA_F
ClientSampleId :
PB96823BS

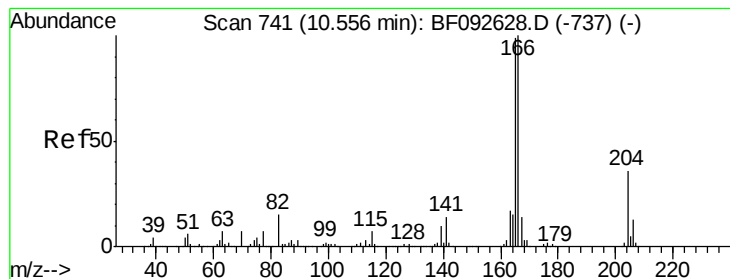
Tgt Ion:139 Resp: 344501
Ion Ratio Lower Upper
139 100
109 49.7 52.2 92.2#
65 61.3 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 46.23 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion:165 Resp: 285891
Ion Ratio Lower Upper
165 100
63 46.2 40.2 60.4
89 66.7 62.5 93.7
182 2.4 1.8 2.8





#57

Fluorene

Concen: 43.31 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

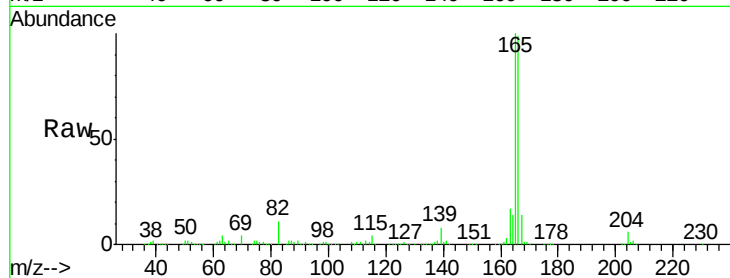
Tgt Ion:166 Resp: 832561

Ion Ratio Lower Upper

166 100

165 100.9 77.8 116.8

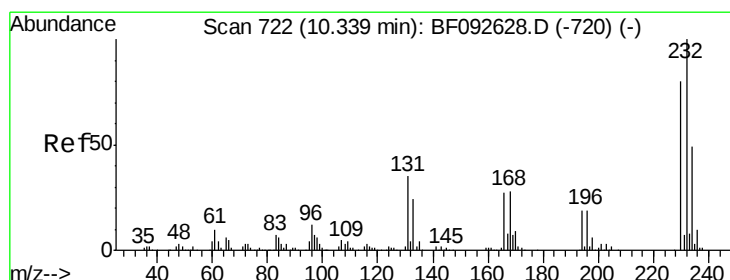
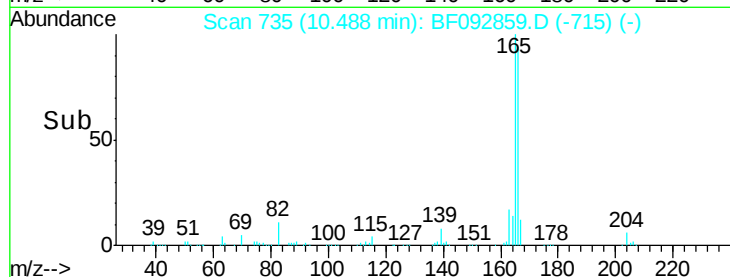
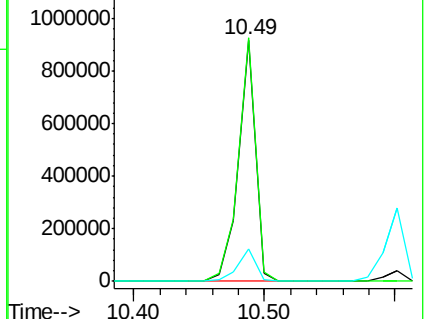
167 13.6 10.8 16.2



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: 48.36 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion:232 Resp: 208206

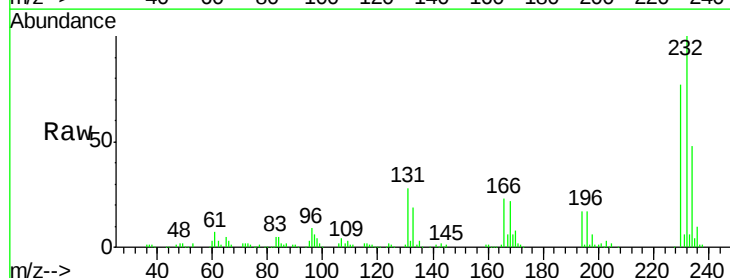
Ion Ratio Lower Upper

232 100

131 46.1 40.1 60.1

130 2.2 1.8 2.8

166 30.4 26.6 39.8

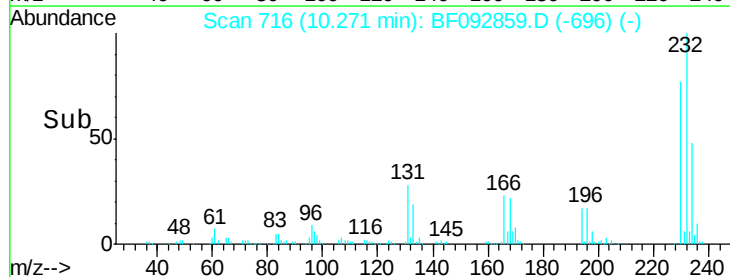
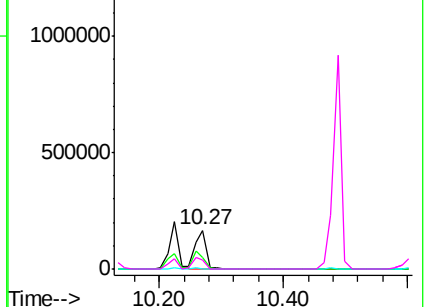


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.34 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

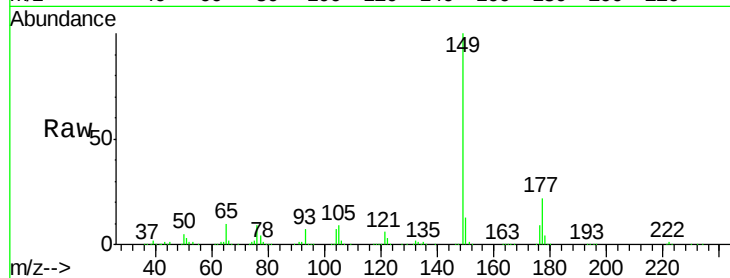
Tgt Ion:149 Resp: 878530

Ion Ratio Lower Upper

149 100

177 21.7 16.6 25.0

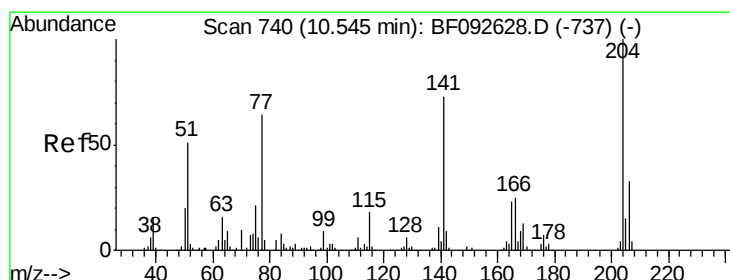
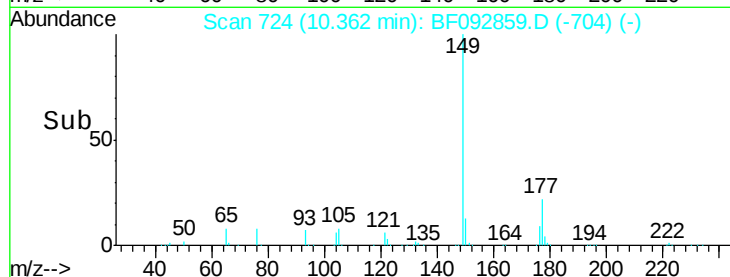
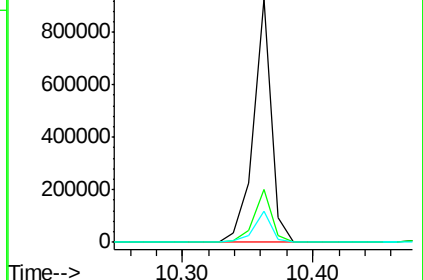
150 12.5 10.4 15.6



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: 38.88 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

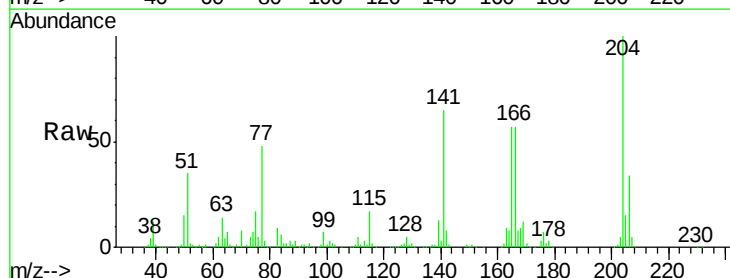
Tgt Ion:204 Resp: 359074

Ion Ratio Lower Upper

204 100

206 34.3 25.8 38.6

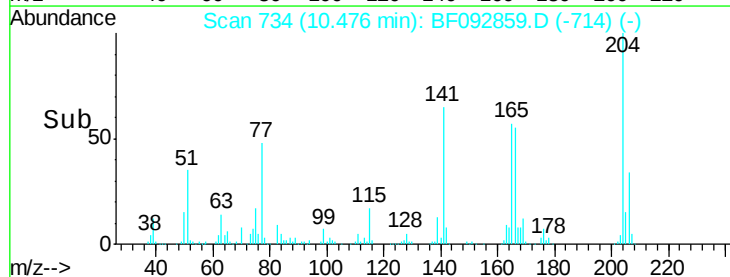
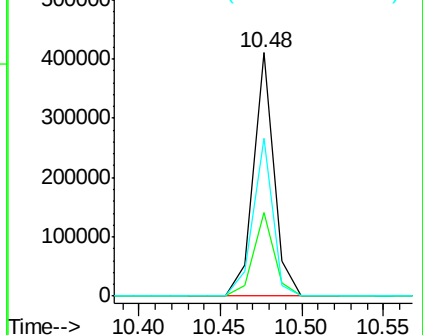
141 64.8 59.4 89.0

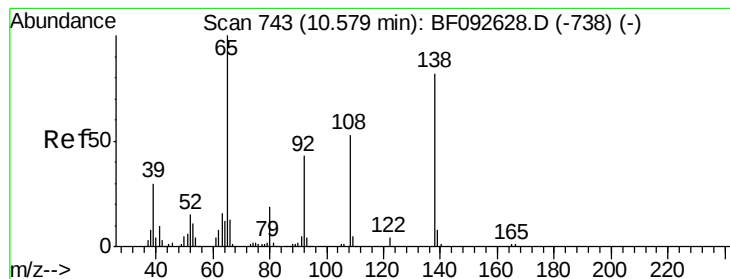


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.87 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

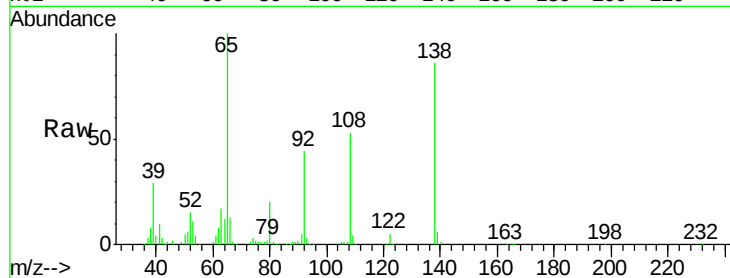
Tgt Ion:138 Resp: 195284

Ion Ratio Lower Upper

138 100

92 51.0 31.7 71.7

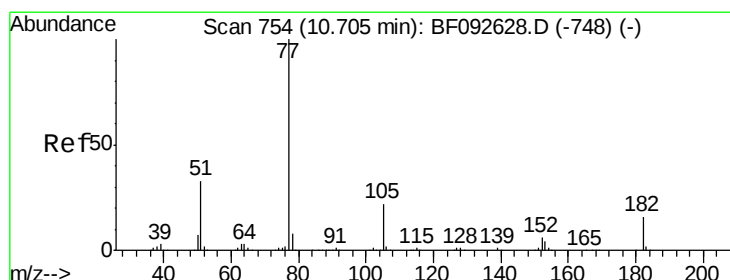
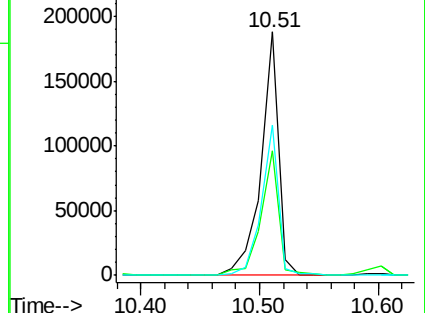
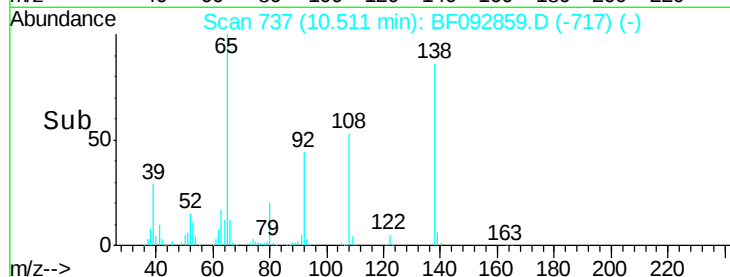
108 61.6 52.6 92.6



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: 44.35 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion: 77 Resp: 928772

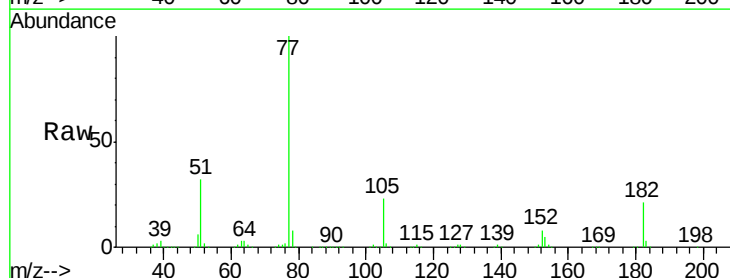
Ion Ratio Lower Upper

77 100

182 21.4 0.0 39.3

105 23.2 2.3 42.3

51 31.7 8.9 48.9

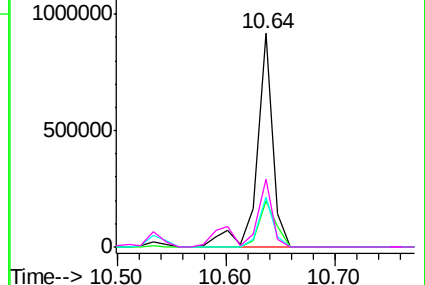
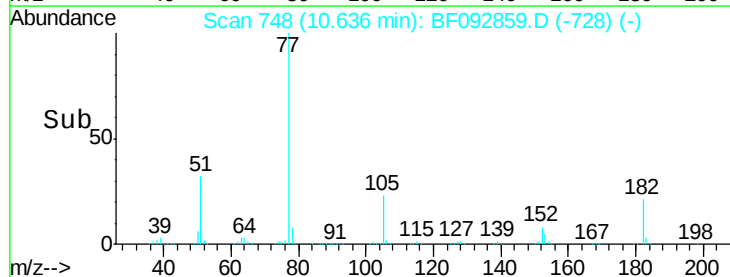


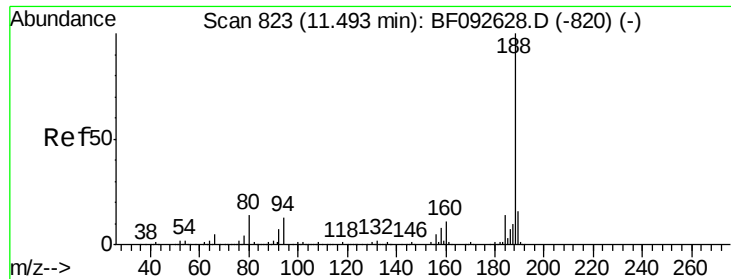
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

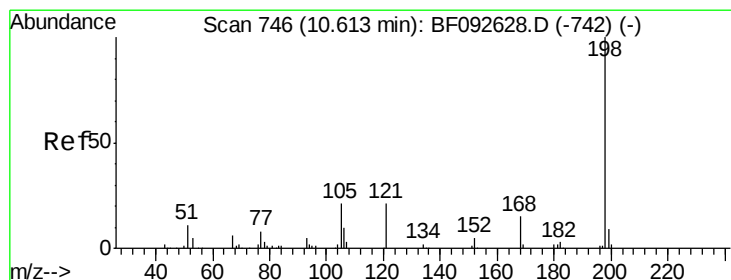
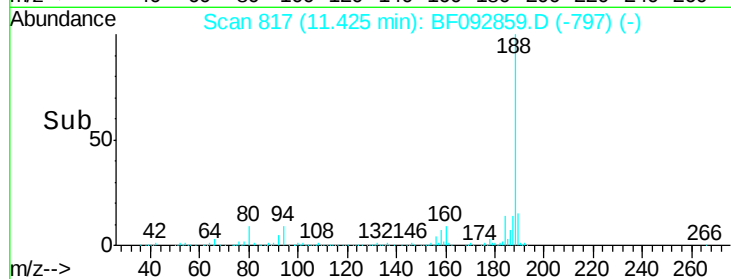
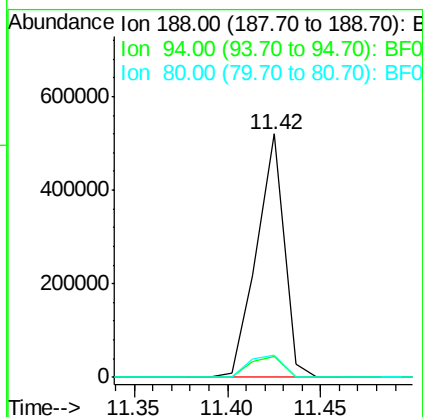
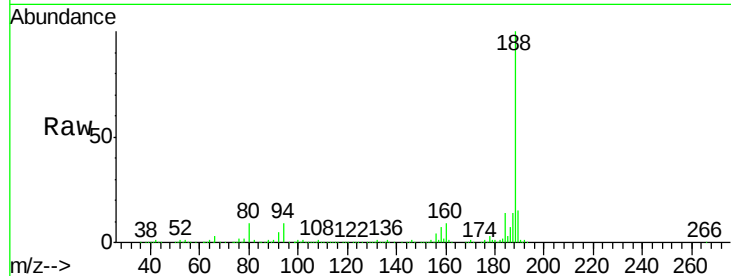




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

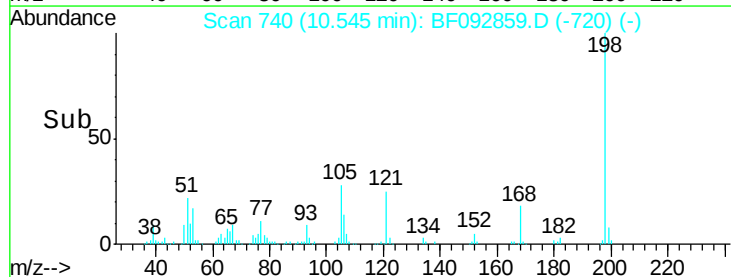
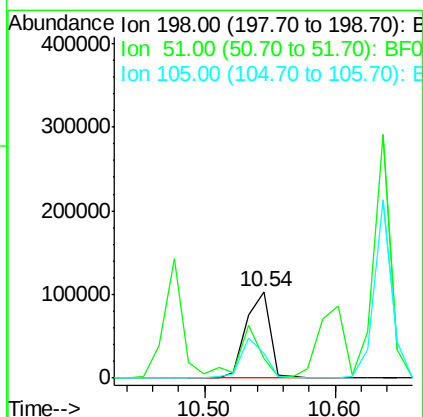
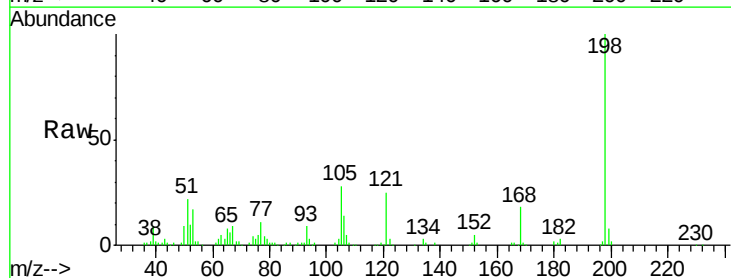
Instrument :
BNA_F
ClientSampleId :
PB96823BS

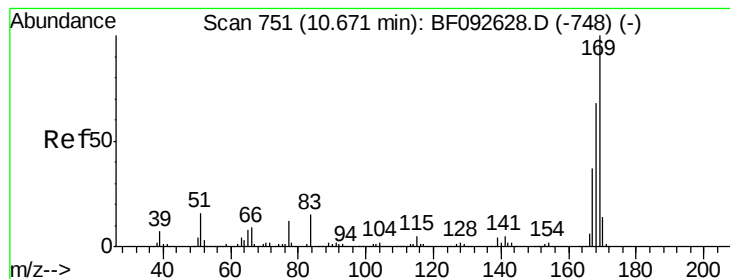
Tgt Ion:188 Resp: 532157
Ion Ratio Lower Upper
188 100
94 8.8 10.0 15.0#
80 9.2 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.42 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion:198 Resp: 132900
Ion Ratio Lower Upper
198 100
51 22.0 6.7 46.7
105 28.2 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 44.41 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

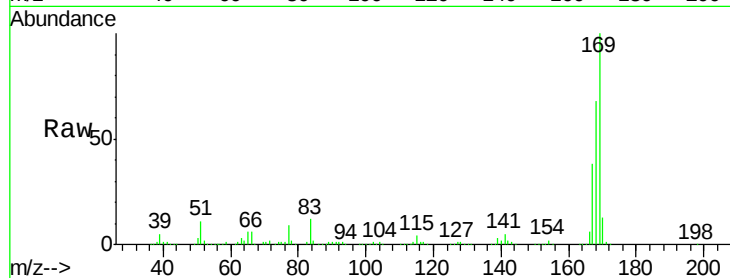
Tgt Ion:169 Resp: 755025

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

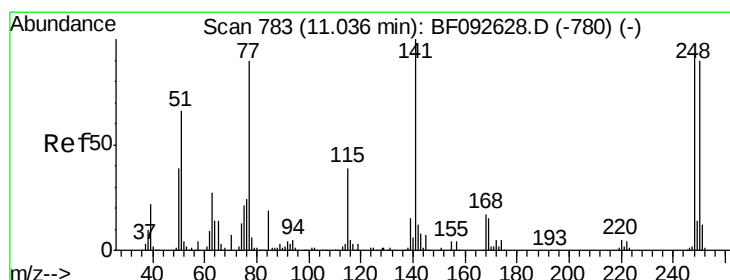
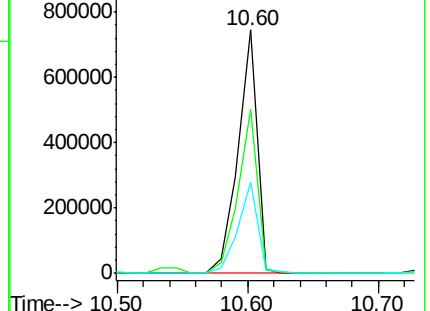
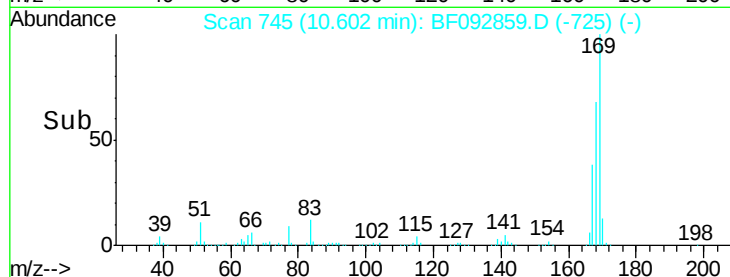
167 37.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.94 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

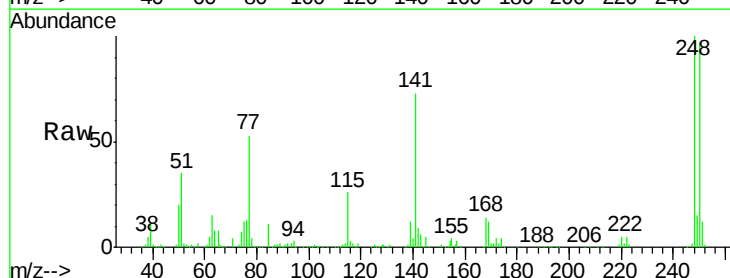
Tgt Ion:248 Resp: 233172

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

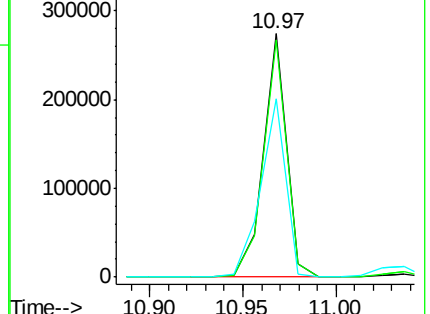
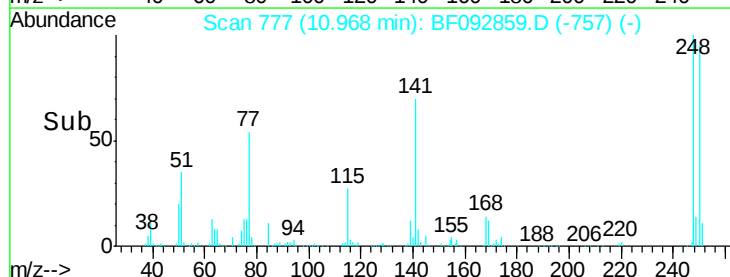
141 73.0 68.2 102.4

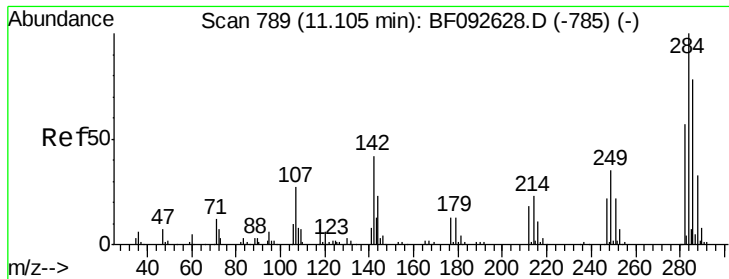


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

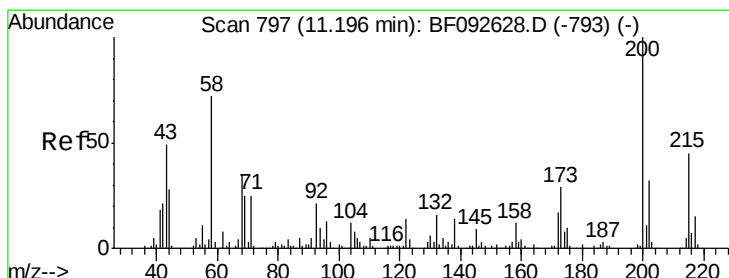
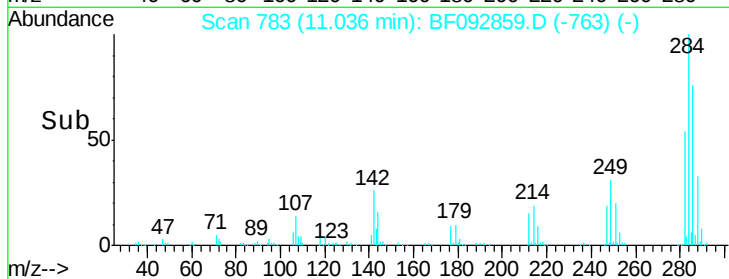
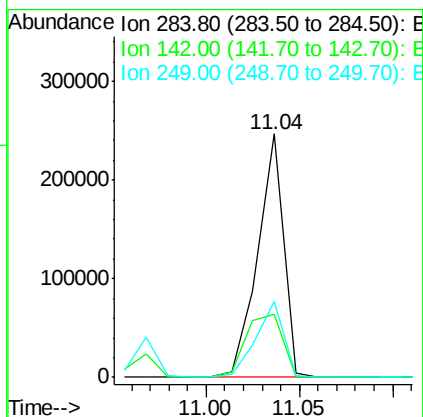
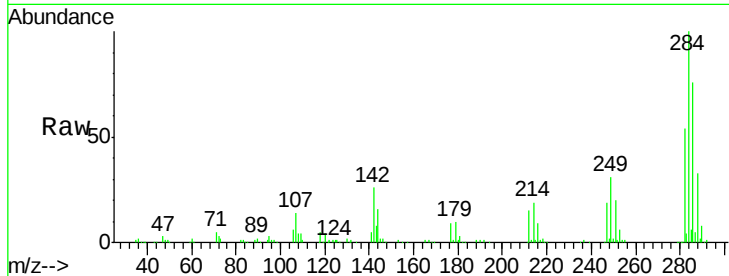




#67
Hexachlorobenzene
Concen: 43.12 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

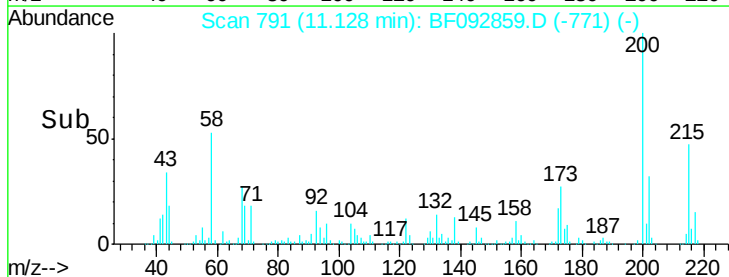
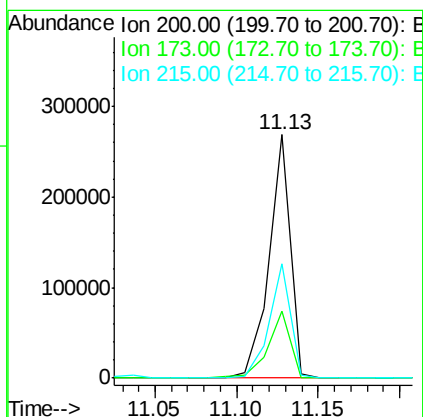
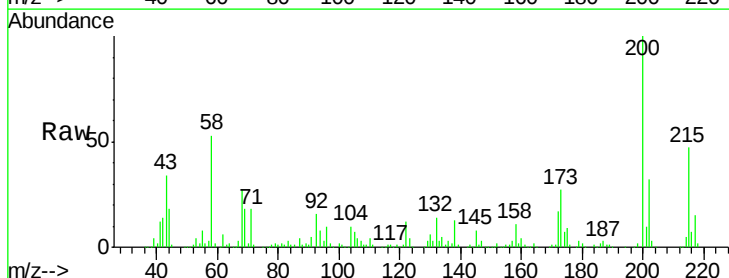
Instrument :
BNA_F
ClientSampleId :
PB96823BS

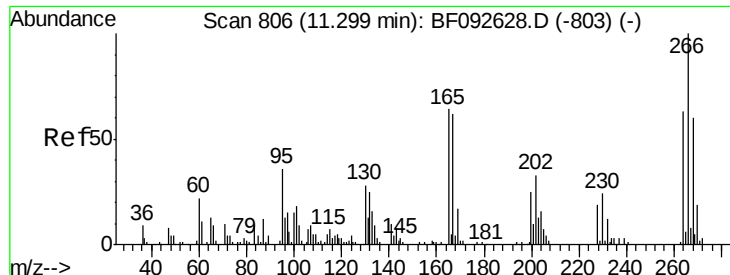
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.0	22.6	33.8
249	31.3	25.4	38.0



#68
Atrazine
Concen: 44.91 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	9.6	49.6
215	46.9	25.7	65.7

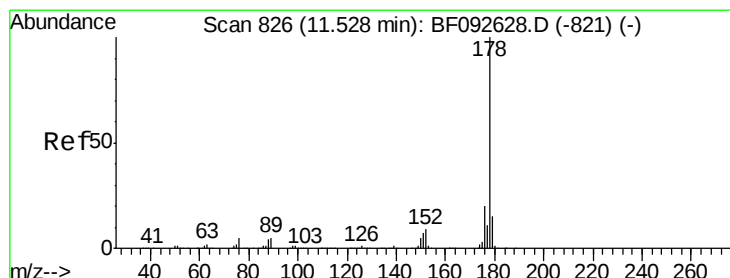
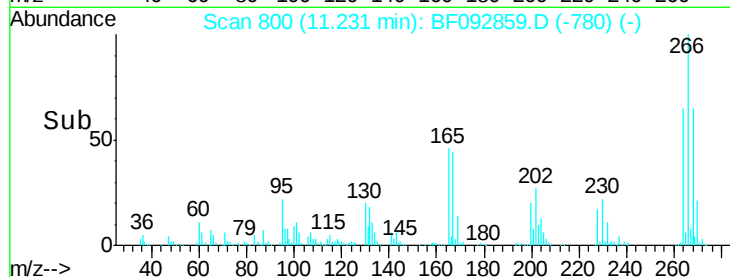
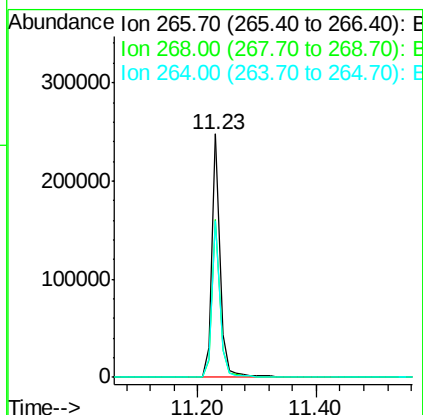
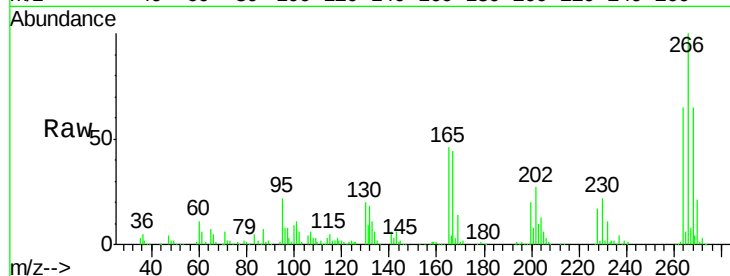




#69
 Pentachlorophenol
 Concen: 83.82 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.07 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

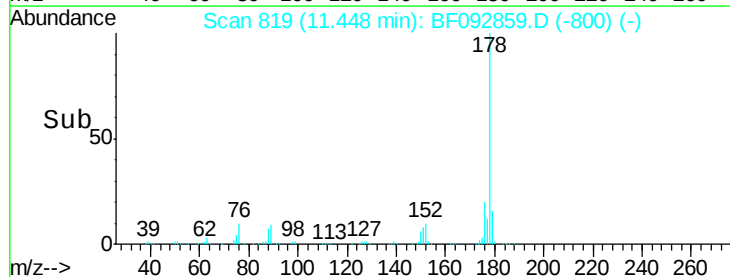
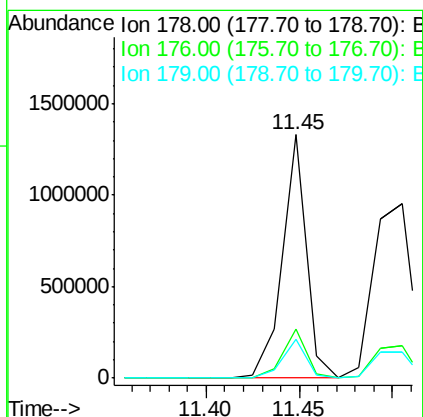
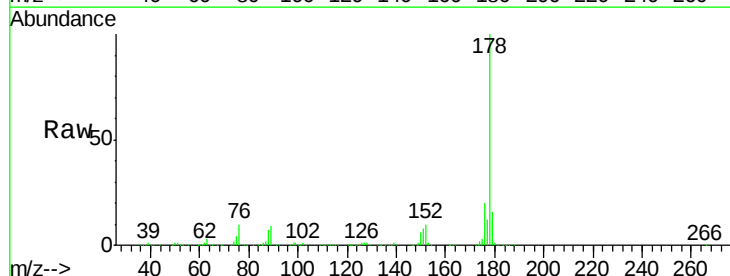
Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

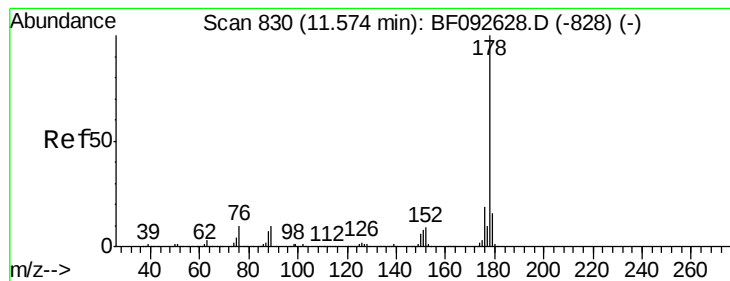
Tgt Ion:266 Resp: 238808
 Ion Ratio Lower Upper
 266 100
 268 64.6 53.3 79.9
 264 64.5 50.3 75.5



#70
 Phenanthrene
 Concen: 39.11 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion:178 Resp: 1192463
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.8 12.8 19.2





#71

Anthracene

Concen: 42.56 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

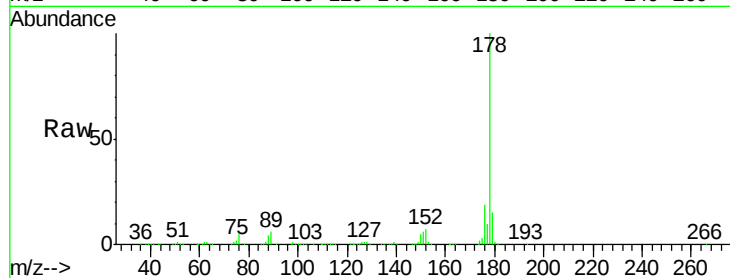
Tgt Ion:178 Resp: 1303012

Ion Ratio Lower Upper

178 100

176 18.6 15.9 23.9

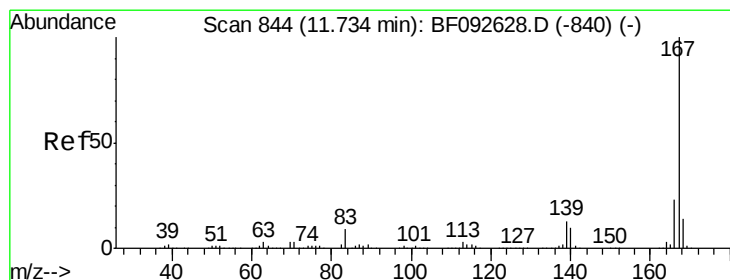
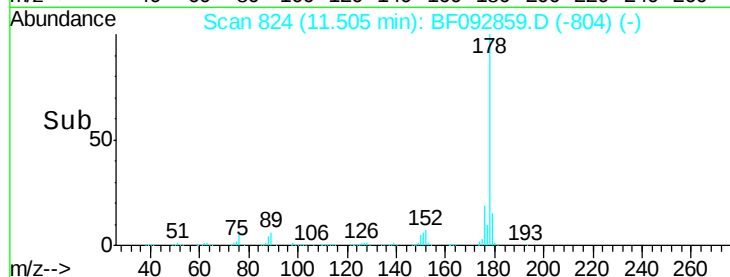
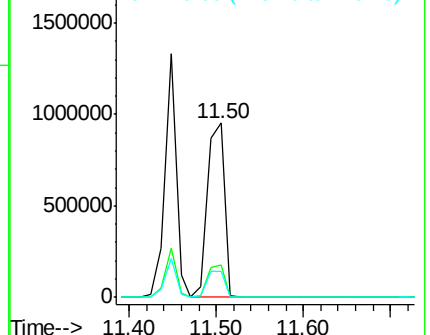
179 14.9 13.2 19.8



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: 35.99 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.08 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

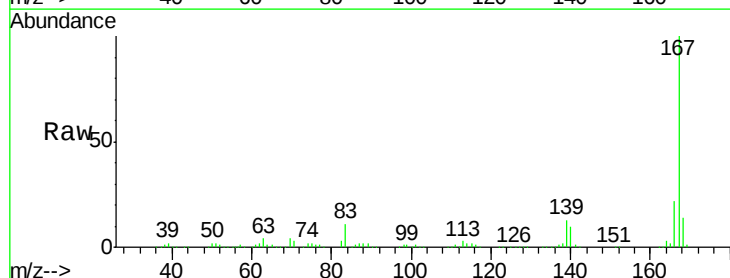
Tgt Ion:167 Resp: 1053456

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

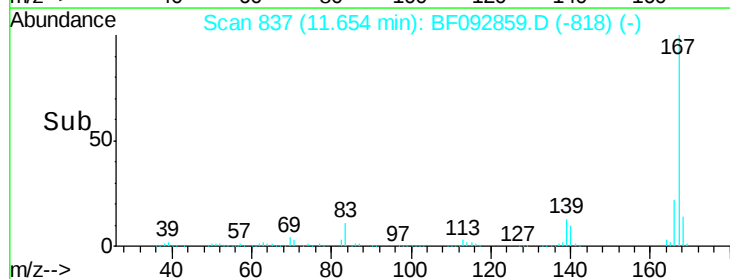
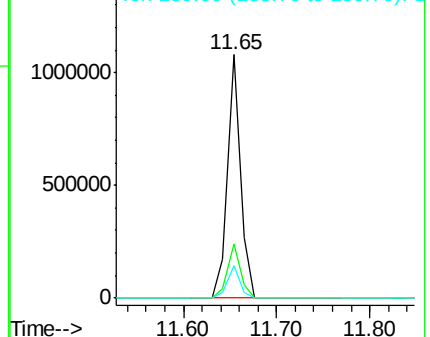
139 13.3 11.4 17.2

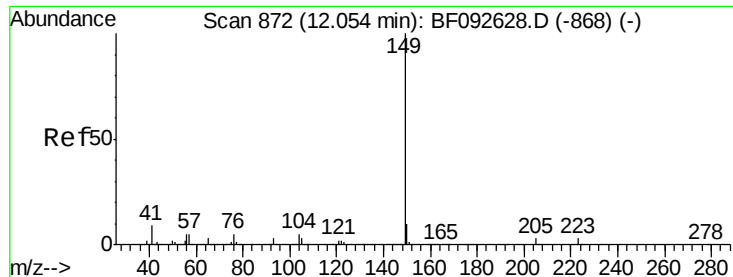


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.81 ng

RT: 11.99 min Scan# 866

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

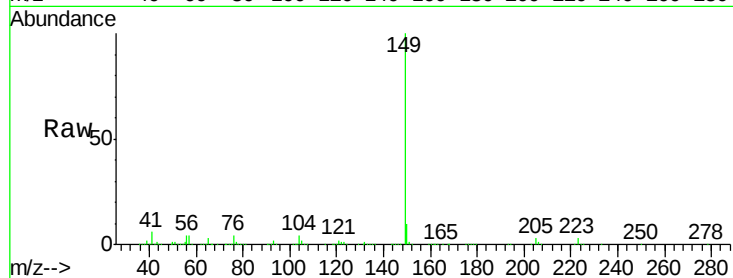
Tgt Ion:149 Resp: 1481519

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

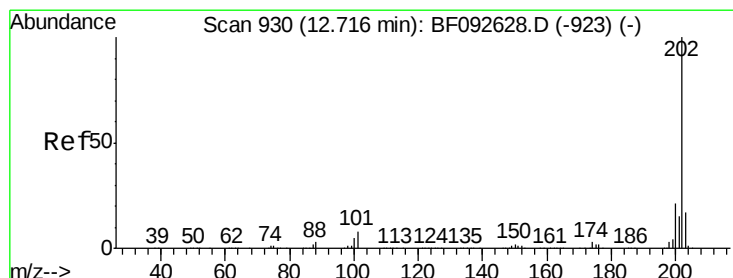
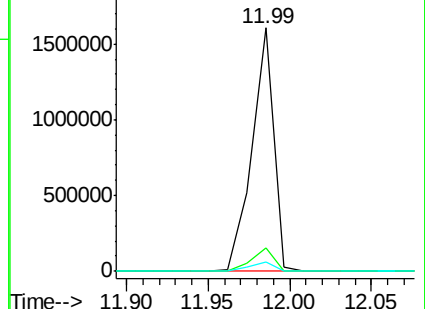
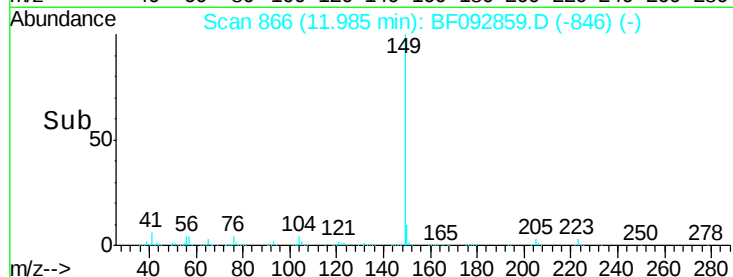
104 4.1 4.6 7.0#



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: 45.46 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.08 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

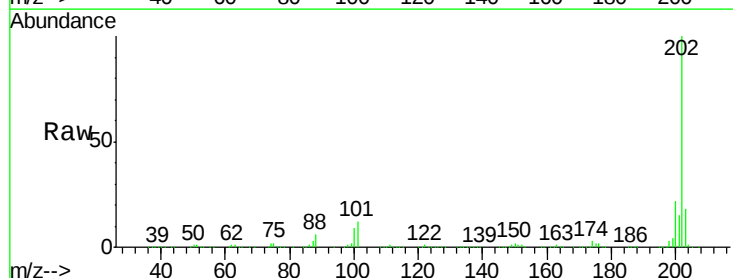
Tgt Ion:202 Resp: 1429513

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.6

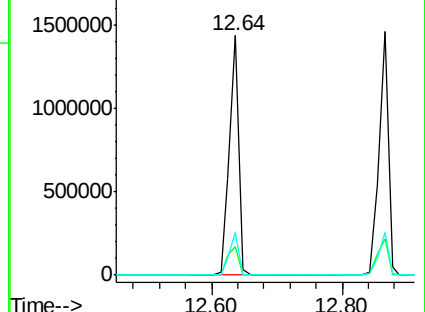
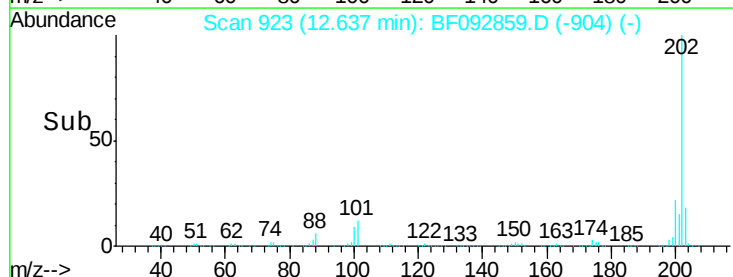
203 17.8 0.0 38.7

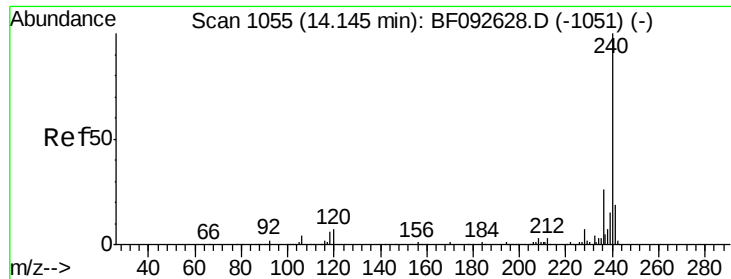


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

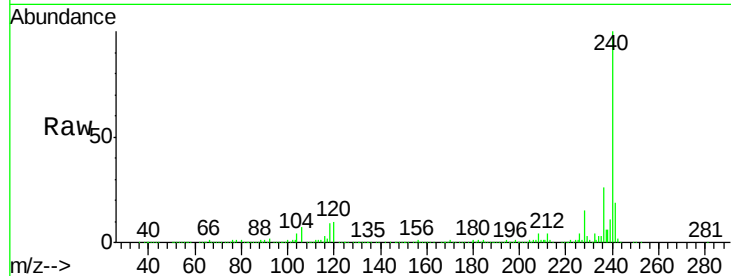
Tgt Ion:240 Resp: 519023

Ion Ratio Lower Upper

240 100

120 10.3 12.9 19.3#

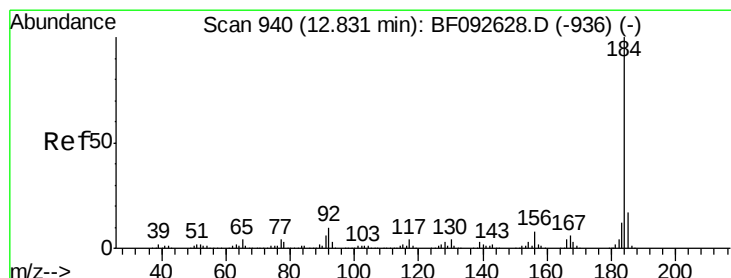
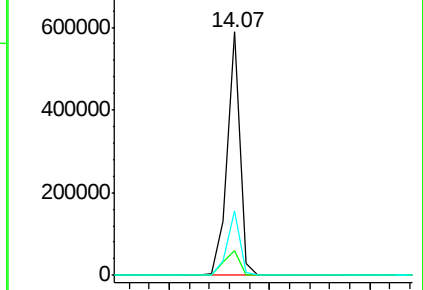
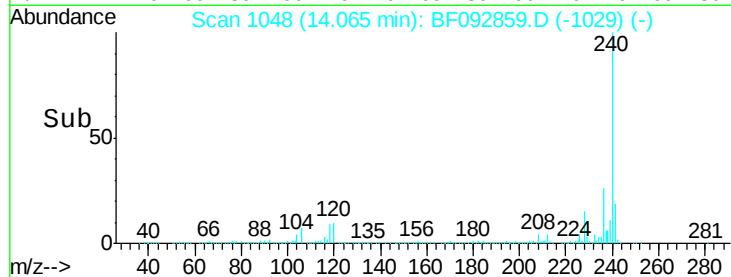
236 26.3 20.9 31.3



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: 16.22 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.08 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

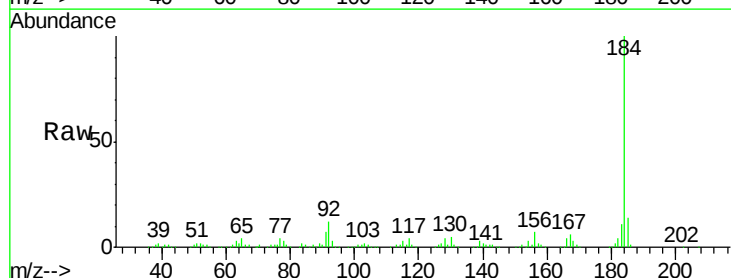
Tgt Ion:184 Resp: 358708

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

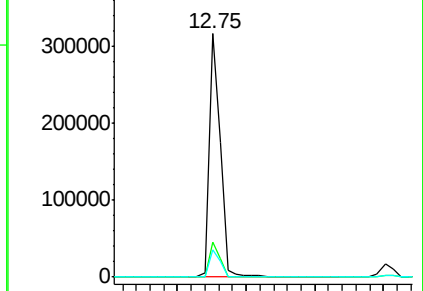
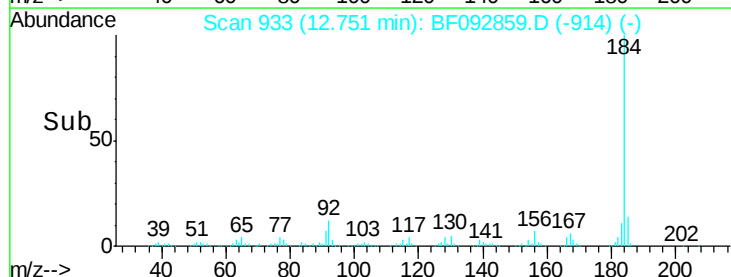
183 11.2 9.2 13.8

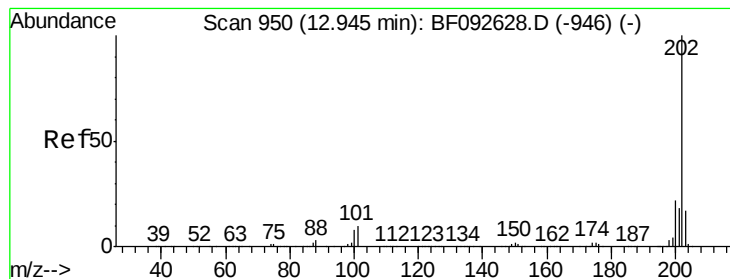


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.74 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.08 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

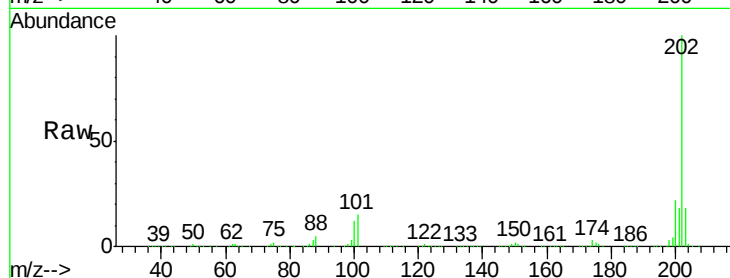
Tgt Ion:202 Resp: 1427203

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

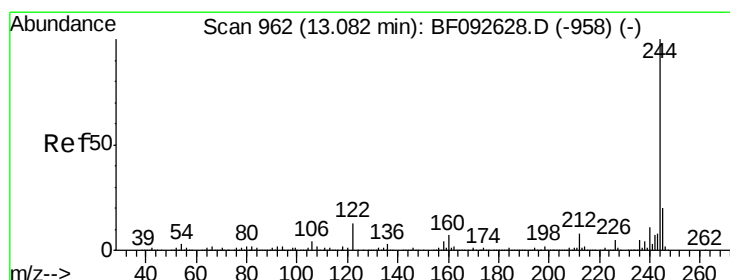
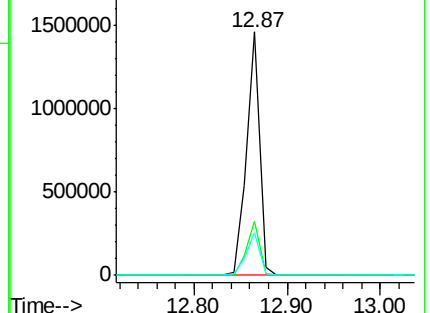
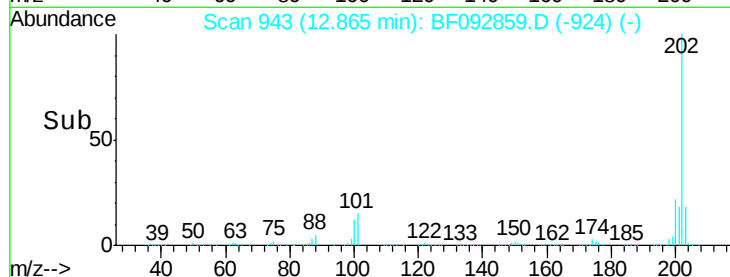
203 17.7 14.7 22.1



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: 73.48 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.08 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

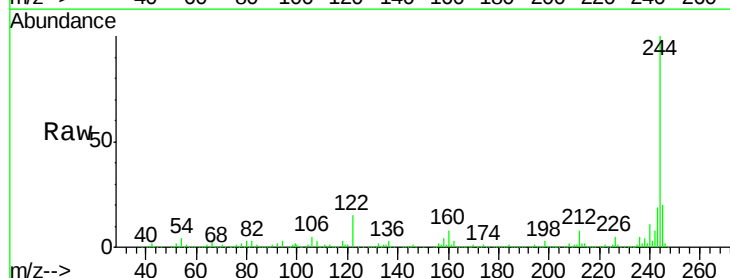
Tgt Ion:244 Resp: 1623152

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

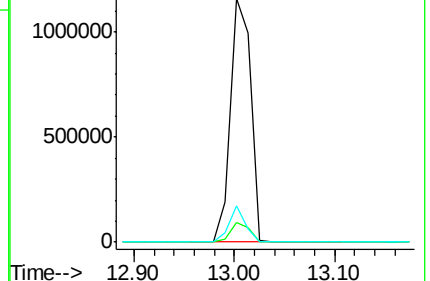
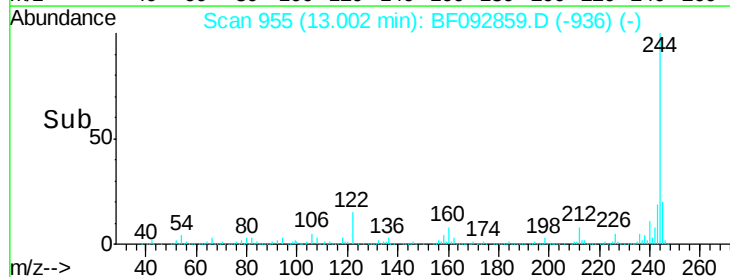
122 14.9 11.4 17.2

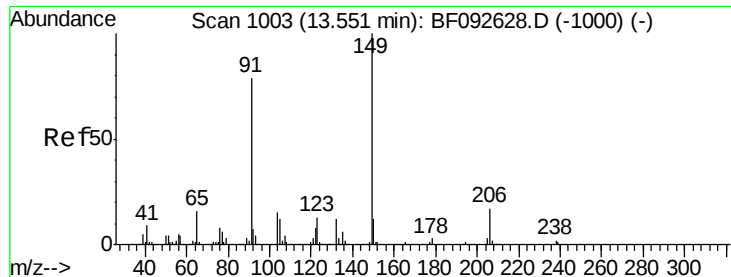


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.22 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

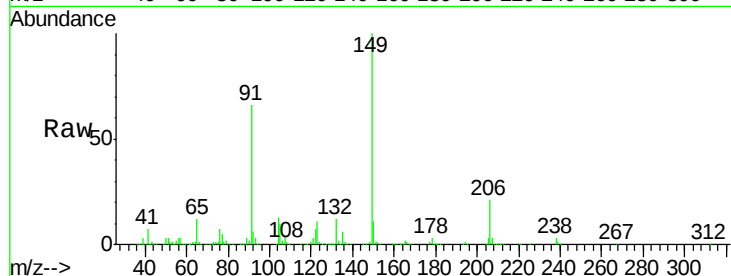
Tgt Ion:149 Resp: 728984

Ion Ratio Lower Upper

149 100

91 65.9 63.9 95.9

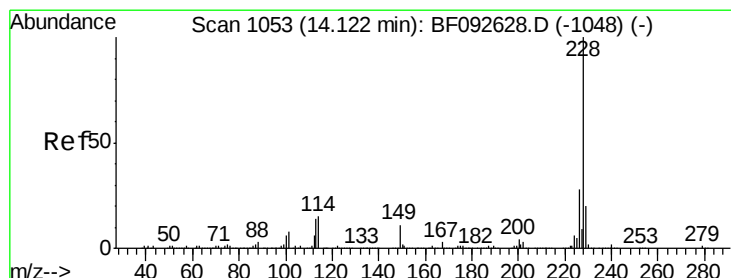
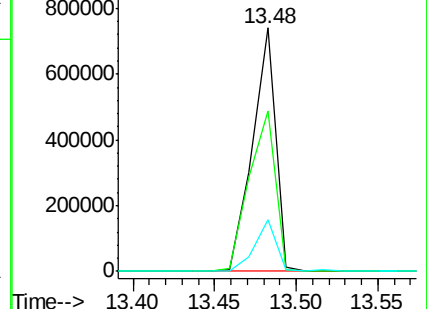
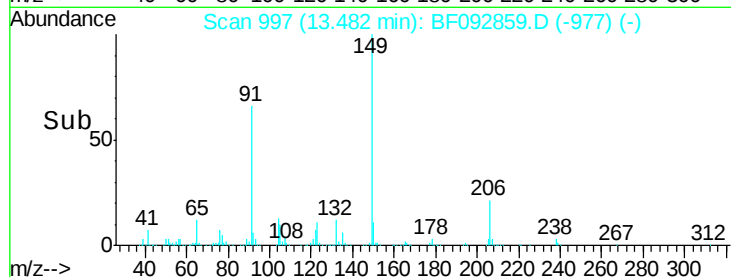
206 21.4 14.6 21.8



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: 36.57 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

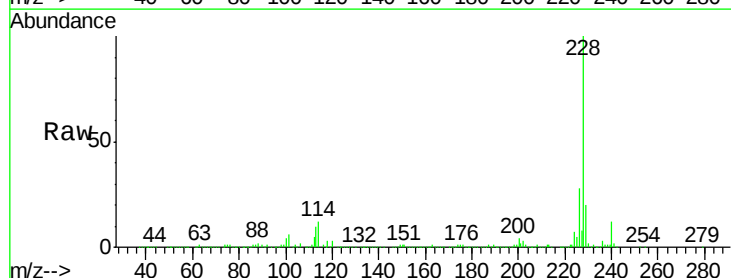
Tgt Ion:228 Resp: 1160892

Ion Ratio Lower Upper

228 100

226 28.3 22.4 33.6

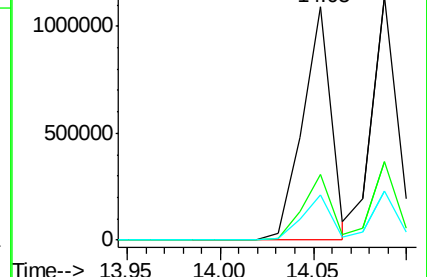
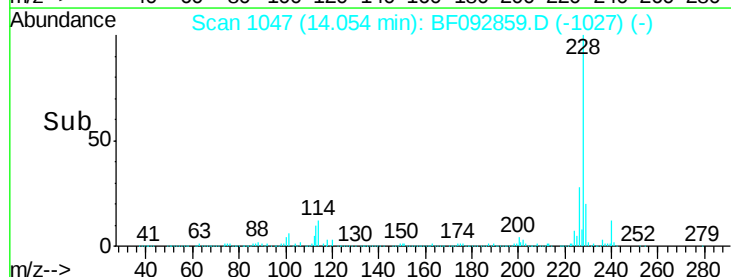
229 19.6 16.2 24.4

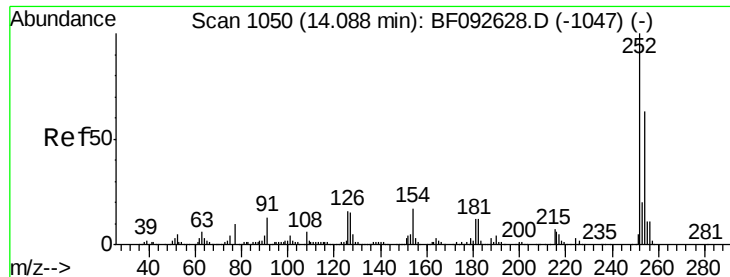


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

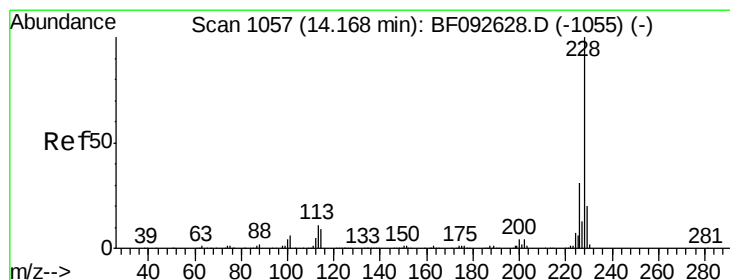
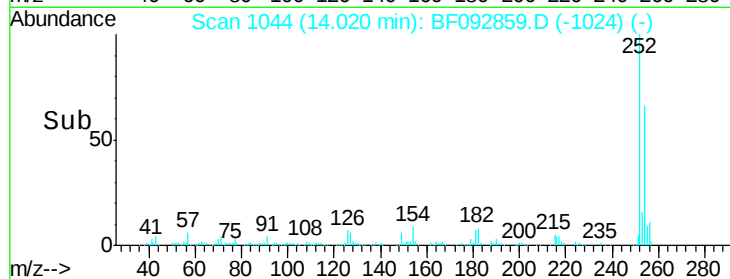
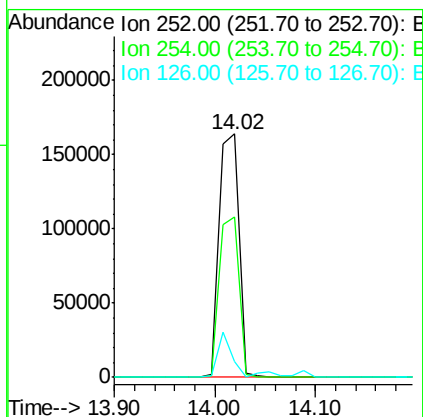
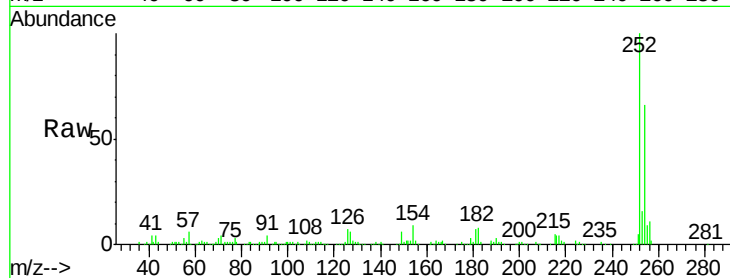




#81
 3,3'-Dichlorobenzidine
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

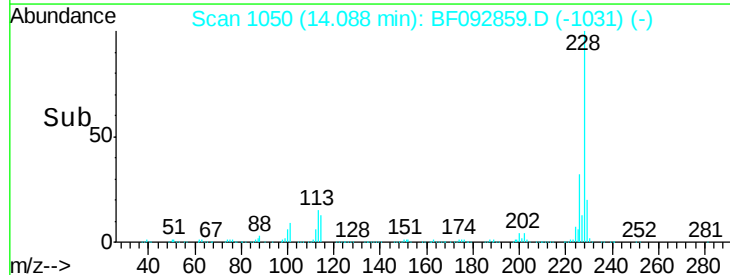
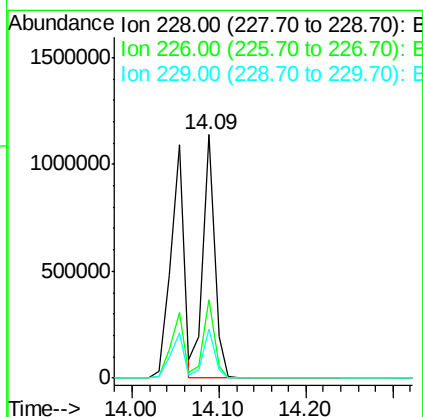
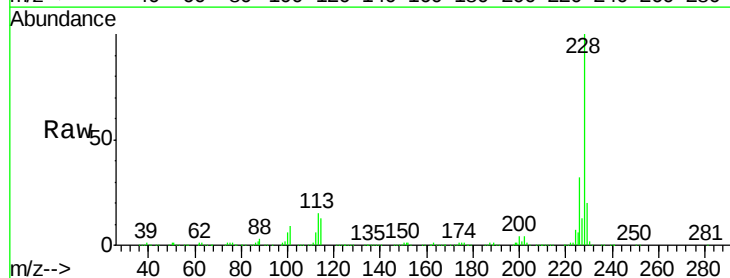
Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

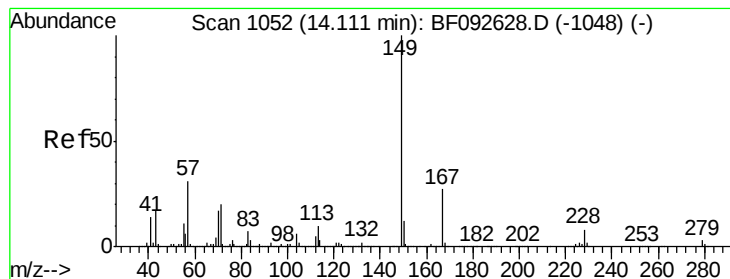
Tgt Ion:252 Resp: 226306
 Ion Ratio Lower Upper
 252 100
 254 65.7 52.3 78.5
 126 6.6 13.6 20.4#



#82
 Chrysene
 Concen: 35.61 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion:228 Resp: 1058284
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.4 38.0
 229 20.2 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.19 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

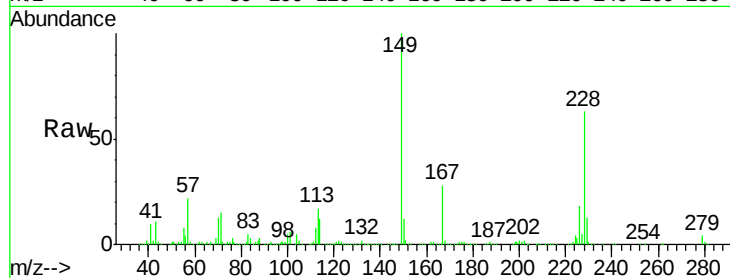
Tgt Ion:149 Resp: 953215

Ion Ratio Lower Upper

149 100

167 27.8 20.2 30.4

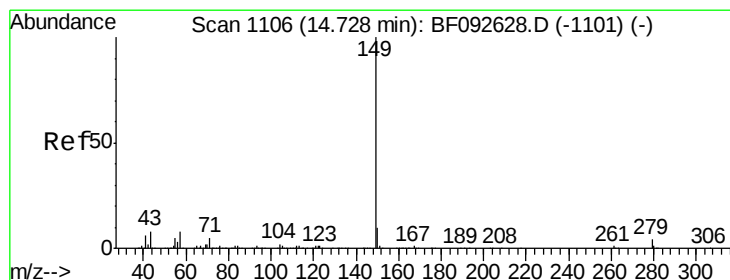
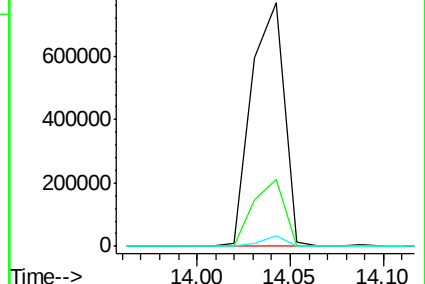
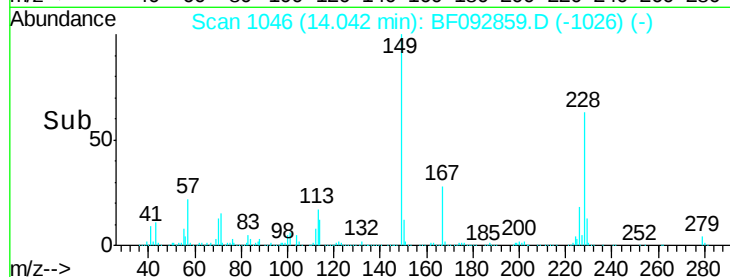
279 4.2 1.8 2.8#



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: 41.03 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.08 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

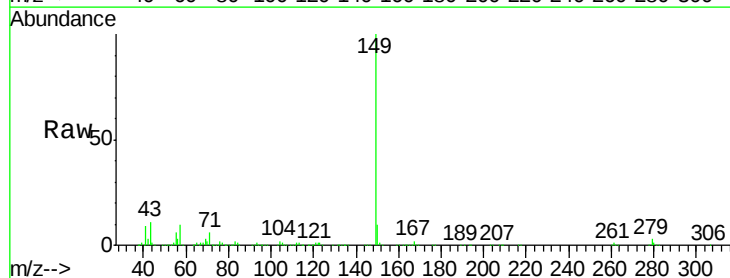
Tgt Ion:149 Resp: 1441080

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

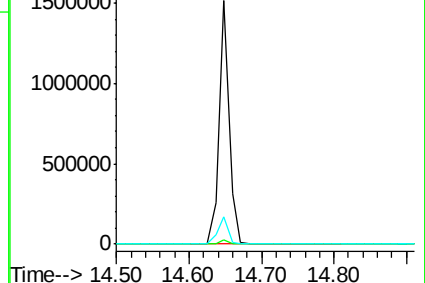
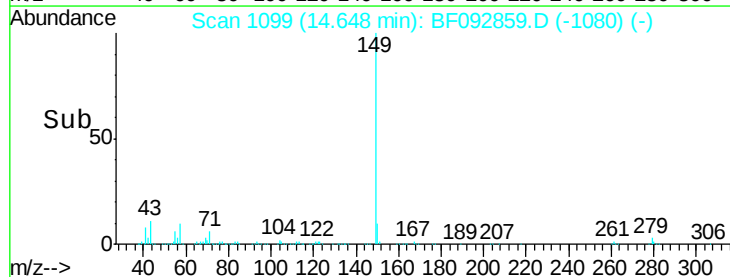
43 11.3 8.9 13.3

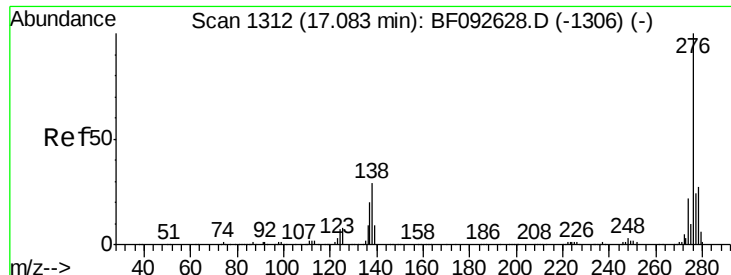


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

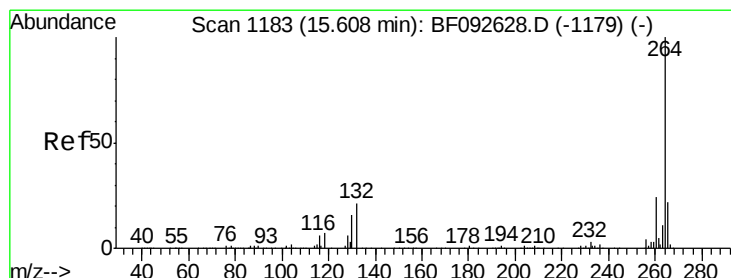
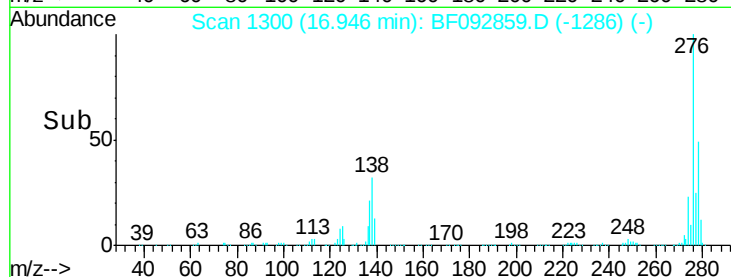
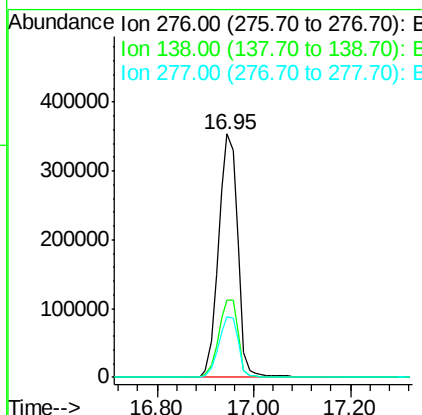
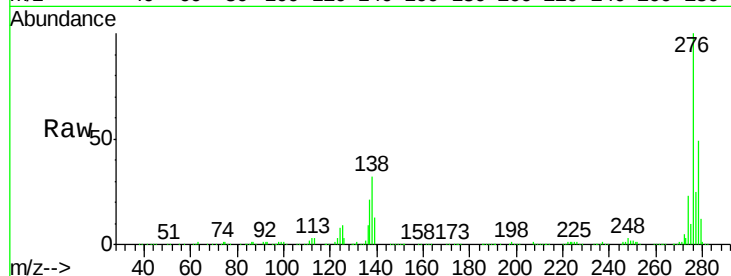




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.75 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. -0.14 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

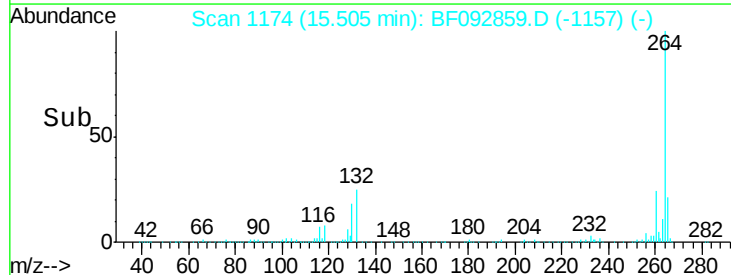
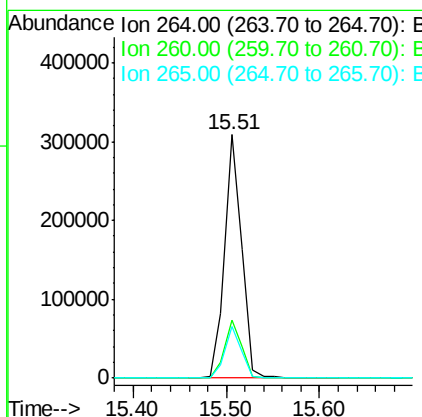
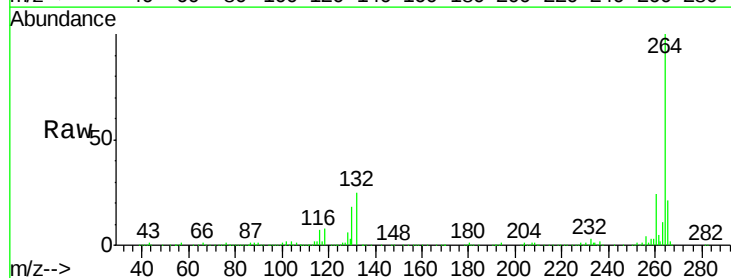
Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

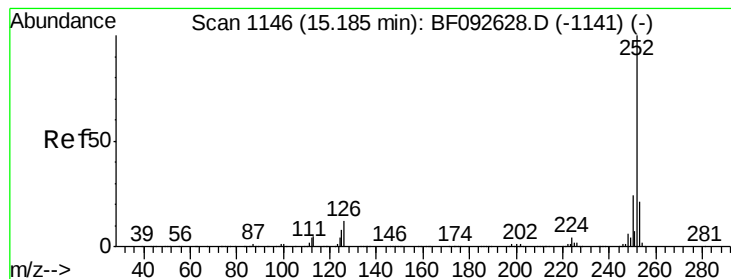
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	21.8	32.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.75 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.09 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS

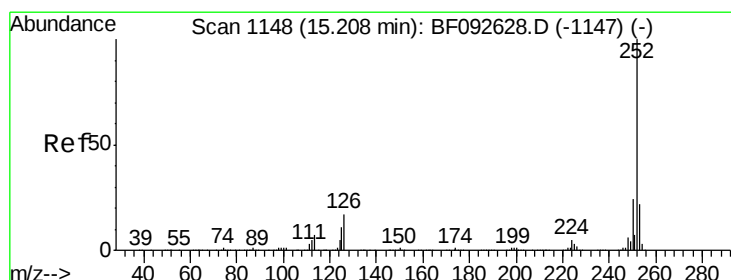
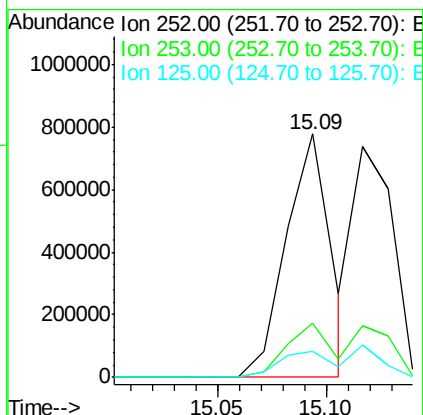
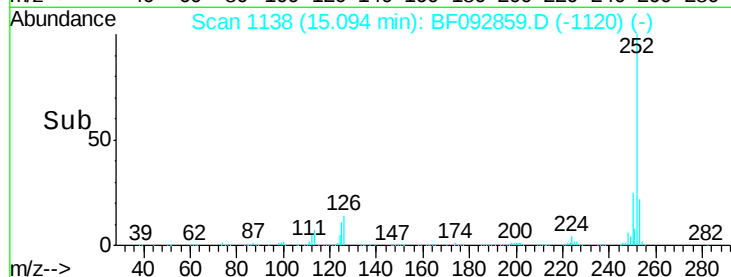
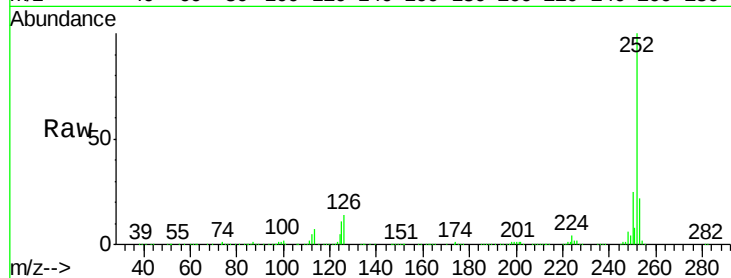
Tgt Ion:252 Resp: 1108707

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

125 10.6 9.8 14.6



#88

Benzo(k)fluoranthene

Concen: 49.51 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.11 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

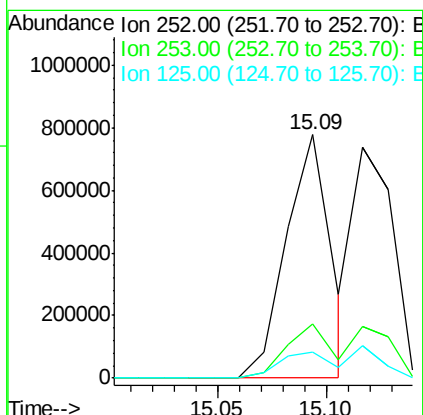
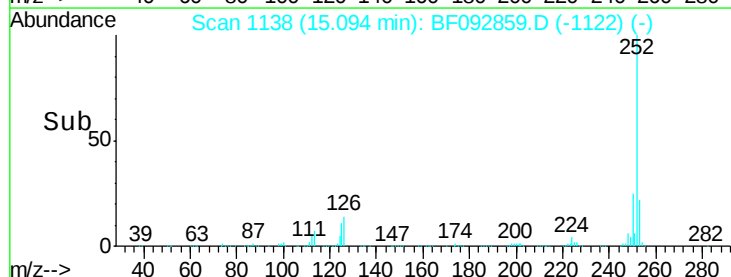
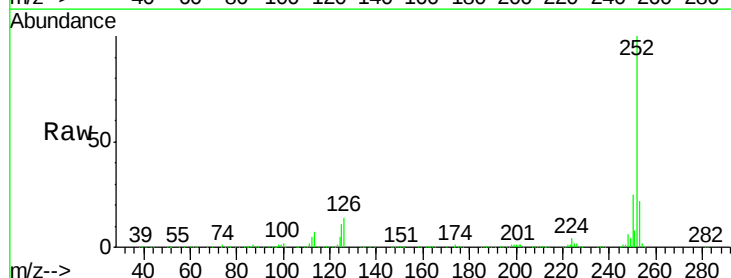
Tgt Ion:252 Resp: 1108707

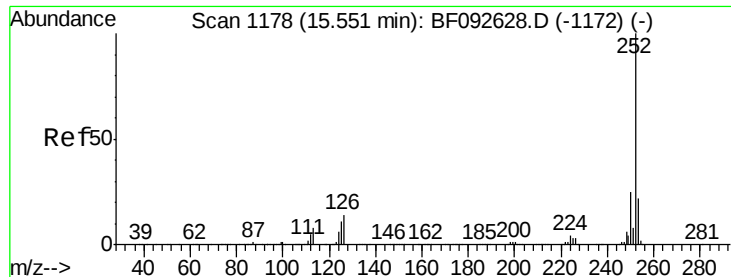
Ion Ratio Lower Upper

252 100

253 22.0 18.5 27.7

125 10.6 8.9 13.3

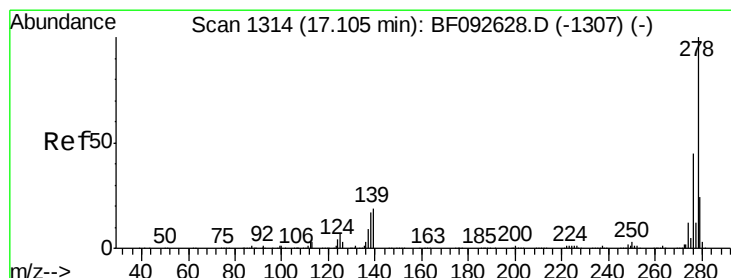
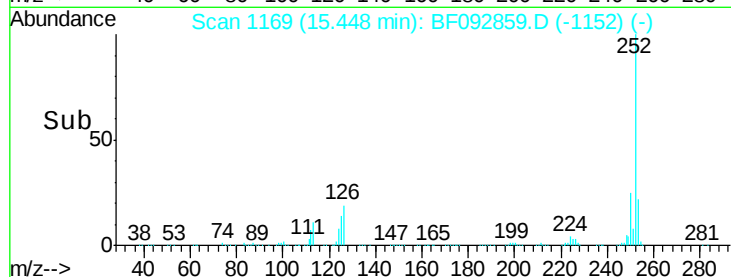
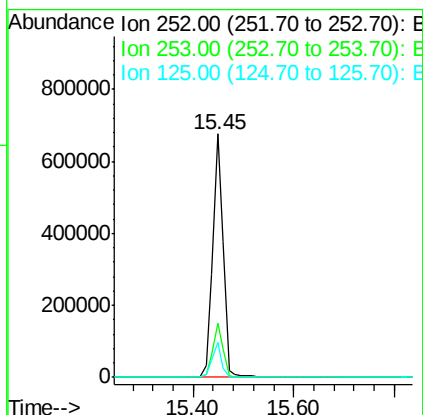
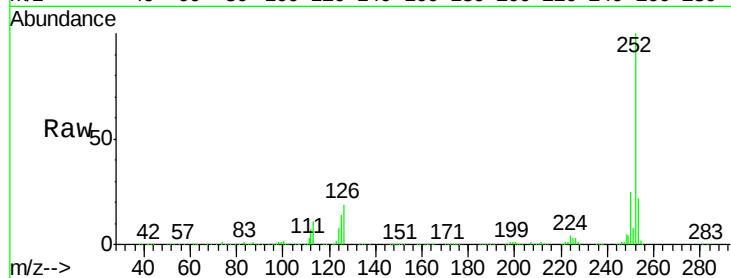




#89
Benzo(a)pyrene
Concen: 43.30 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.10 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

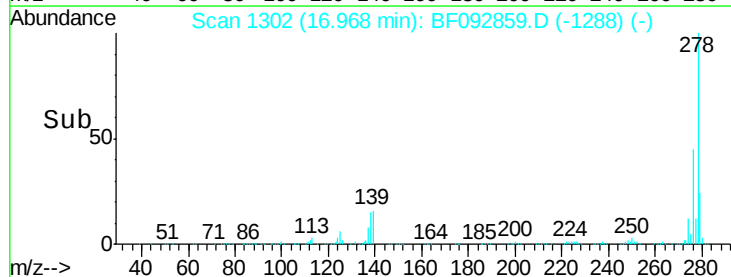
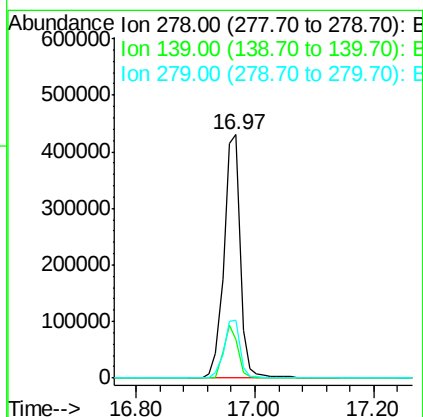
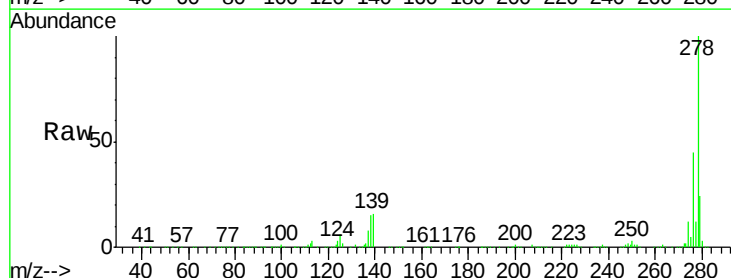
Instrument :
BNA_F
ClientSampleId :
PB96823BS

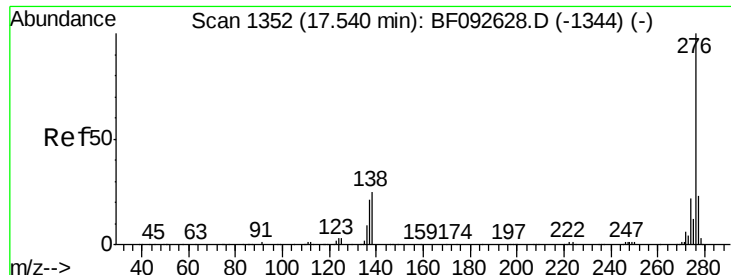
Tgt Ion: 252 Resp: 971331
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 14.4 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 45.69 ng
RT: 16.97 min Scan# 1302
Delta R.T. -0.14 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion: 278 Resp: 828367
Ion Ratio Lower Upper
278 100
139 16.0 14.8 22.2
279 23.8 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 45.61 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.16 min

Lab File: BF092859.D

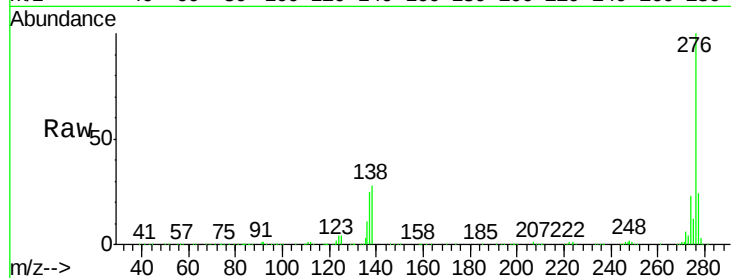
Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96823BS



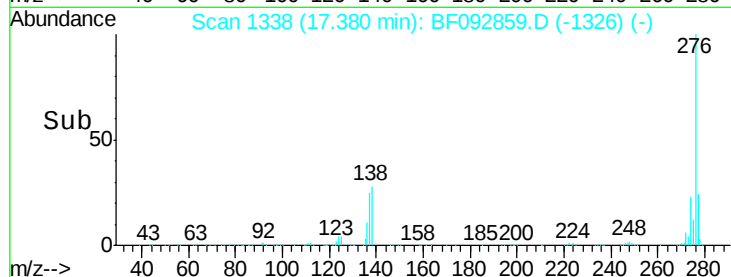
Tgt Ion: 276 Resp: 835366

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 28.0 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

