

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092643.D
 Acq On : 30 Jan 2017 19:43
 Operator : SJ/MA
 Sample : PB96532BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Quant Time: Jan 31 01:02:06 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	6.96	152	163666	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	659655	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	378369	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	630052	20.00	ng	0.00
75) Chrysene-d12	14.13	240	465845	20.00	ng	-0.01
86) Perylene-d12	15.61	264	359920	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1182449	123.95	ng	0.01
7) Phenol-d6	6.60	99	1545402	125.90	ng	0.00
23) Nitrobenzene-d5	7.53	82	918029	77.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	369164	134.90	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1848070	88.49	ng	0.00
78) Terphenyl-d14	13.08	244	1484088	74.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	209335	40.61	ng	# 83
3) Pyridine	3.46	79	523818	39.96	ng	89
4) n-Nitrosodimethylamine	3.41	42	297934	48.41	ng	87
6) Aniline	6.62	93	365779	21.85	ng	# 82
8) 2-Chlorophenol	6.75	128	442968	42.09	ng	99
9) Benzaldehyde	6.50	77	162207	18.45	ng	87
10) Phenol	6.62	94	514346	35.82	ng	90
11) bis(2-Chloroethyl)ether	6.69	93	432447	37.73	ng	91
12) 1,3-Dichlorobenzene	6.98	146	512766	41.60	ng	95
13) 1,4-Dichlorobenzene	6.98	146	512766	41.10	ng	96
14) 1,2-Dichlorobenzene	7.13	146	456690	38.28	ng	97
15) Benzyl Alcohol	7.10	79	371897	40.93	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	757331	38.03	ng	93
17) 2-Methylphenol	7.23	107	396789	43.95	ng	98
18) Hexachloroethane	7.47	117	174361	40.94	ng	88
19) n-Nitroso-di-n-propylamine	7.38	70	321235	41.11	ng	96
20) 3+4-Methylphenols	7.38	107	459914	42.60	ng	93
22) Acetophenone	7.37	105	635598	42.20	ng	# 95
24) Nitrobenzene	7.55	77	525090	43.17	ng	92
25) Isophorone	7.79	82	924879	41.90	ng	99
26) 2-Nitrophenol	7.87	139	262578	45.41	ng	# 82
27) 2,4-Dimethylphenol	7.90	122	440453	43.38	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	567401	38.81	ng	99
29) 2,4-Dichlorophenol	8.11	162	394163	41.62	ng	91
30) 1,2,4-Trichlorobenzene	8.19	180	407261	39.91	ng	96
31) Naphthalene	8.27	128	1258495	37.63	ng	99
32) Benzoic acid	8.03	122	324726	55.18	ng	96
33) 4-Chloroaniline	8.33	127	224151	17.09	ng	96
34) Hexachlorobutadiene	8.38	225	215684	38.41	ng	99
35) Caprolactam	8.69	113	92601	31.09	ng	# 39
36) 4-Chloro-3-methylphenol	8.82	107	469054	47.51	ng	96
37) 2-Methylnaphthalene	8.97	142	939265	43.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	396750	37.36	ng	99
40) Hexachlorocyclopentadiene	9.12	237	381497	79.61	ng	97

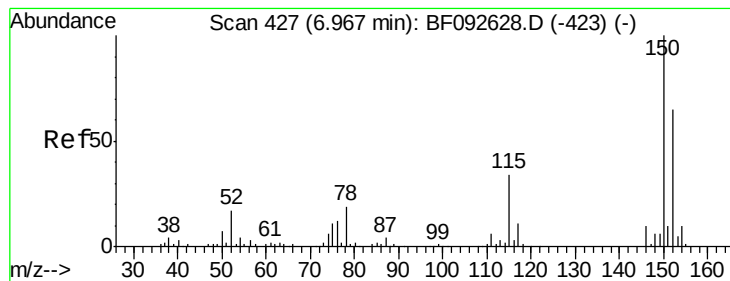
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	316313	45.32	ng	94
43) 2,4,5-Trichlorophenol	9.29	196	301024	39.37	ng	95
45) 1,1'-Biphenyl	9.44	154	1127475	41.15	ng	98
46) 2-Chloronaphthalene	9.46	162	894189	41.72	ng	97
47) 2-Nitroaniline	9.55	65	274545	38.10	ng	97
48) Acenaphthylene	9.87	152	1336621	36.10	ng	99
49) Dimethylphthalate	9.73	163	1042067	40.89	ng	100
50) 2,6-Dinitrotoluene	9.79	165	232473	42.24	ng	# 70
51) Acenaphthene	10.04	154	903948	40.83	ng	96
52) 3-Nitroaniline	9.96	138	139088	22.08	ng	99
53) 2,4-Dinitrophenol	10.08	184	240405	85.52	ng	94
54) Dibenzofuran	10.21	168	1167312	39.43	ng	97
55) 4-Nitrophenol	10.14	139	404865	89.24	ng	90
56) 2,4-Dinitrotoluene	10.20	165	335339	45.76	ng	84
57) Fluorene	10.56	166	868936	38.15	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	246158	48.26	ng	96
59) Diethylphthalate	10.43	149	996992	41.51	ng	99
60) 4-Chlorophenyl-phenylether	10.54	204	408817	37.36	ng	97
61) 4-Nitroaniline	10.58	138	249545	38.68	ng	94
62) Azobenzene	10.70	77	1092306	44.02	ng	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	151534	39.99	ng	82
65) n-Nitrosodiphenylamine	10.67	169	827075	41.09	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	252088	38.30	ng	95
67) Hexachlorobenzene	11.10	284	263783	40.55	ng	# 93
68) Atrazine	11.20	200	242953	37.61	ng	99
69) Pentachlorophenol	11.30	266	276602	82.16	ng	97
70) Phenanthrene	11.52	178	1358335	37.63	ng	99
71) Anthracene	11.57	178	1440725	39.74	ng	98
72) Carbazole	11.73	167	1381417	39.87	ng	98
73) Di-n-butylphthalate	12.05	149	1545384	41.24	ng	# 98
74) Fluoranthene	12.70	202	1344022	36.10	ng	98
76) Benzidine	12.83	184	270396	13.62	ng	96
77) Pyrene	12.93	202	1443836	41.42	ng	99
79) Butylbenzylphthalate	13.55	149	611934	43.22	ng	97
80) Benzo(a)anthracene	14.12	228	1098500	38.55	ng	100
81) 3,3'-Dichlorobenzidine	14.09	252	298893	29.43	ng	# 96
82) Chrysene	14.17	228	1124900	42.17	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	898126	46.39	ng	# 97
84) Di-n-octyl phthalate	14.73	149	1436106	45.55	ng	100
85) Indeno(1,2,3-cd)pyrene	17.08	276	839358	40.62	ng	96
87) Benzo(b)fluoranthene	15.21	252	1786117	75.40	ng	98
88) Benzo(k)fluoranthene	15.21	252	1786117	87.32	ng	99
89) Benzo(a)pyrene	15.55	252	854444	41.70	ng	# 96
90) Dibenzo(a,h)anthracene	17.11	278	703776	42.49	ng	98
91) Benzo(g,h,i)perylene	17.53	276	715274	42.75	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

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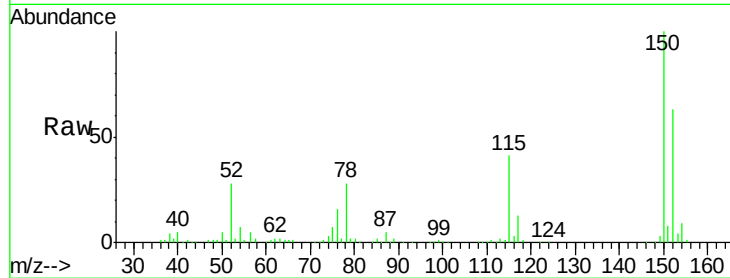
Tgt Ion:152 Resp: 163666

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

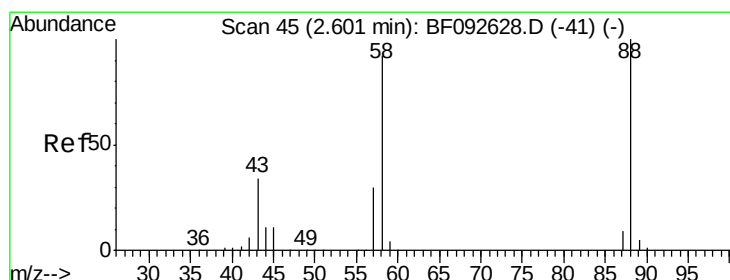
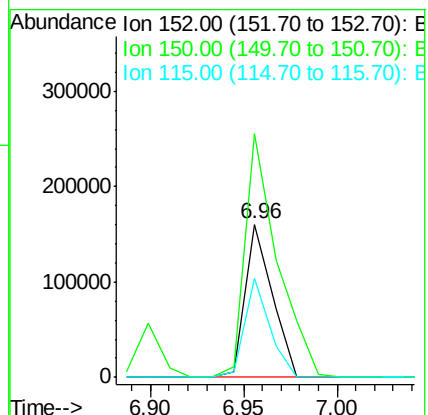
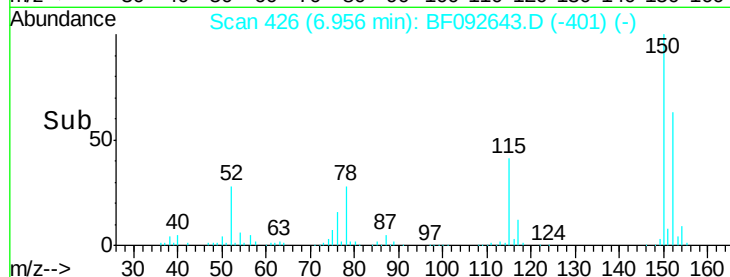
115 64.4 46.0 69.0



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: 40.61 ng

RT: 2.70 min Scan# 54

Delta R.T. 0.10 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

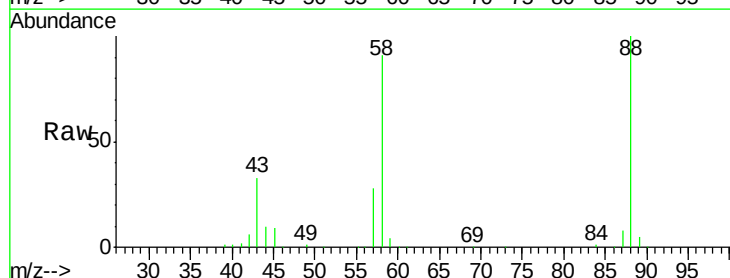
Tgt Ion: 88 Resp: 209335

Ion Ratio Lower Upper

88 100

58 89.1 57.8 86.8#

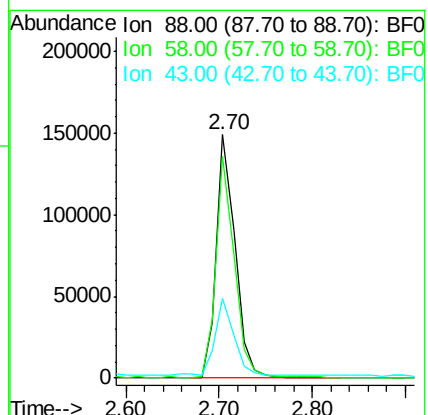
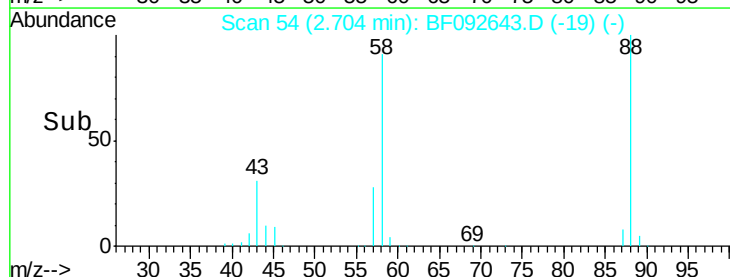
43 32.9 22.3 33.5

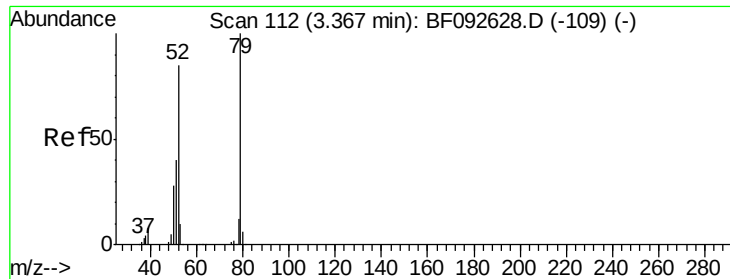


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.96 ng

RT: 3.46 min Scan# 120

Delta R.T. 0.09 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

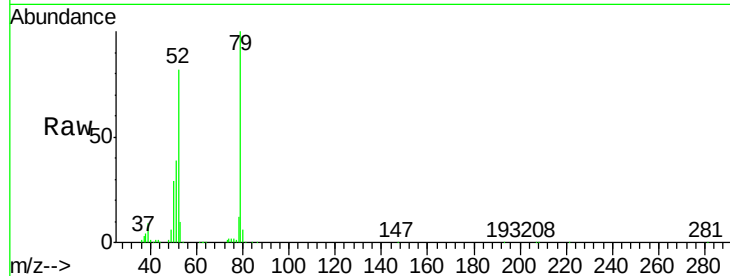
Tgt Ion: 79 Resp: 523818

Ion Ratio Lower Upper

79 100

52 81.7 57.1 85.7

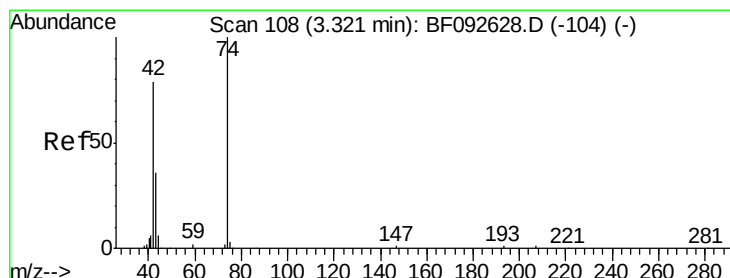
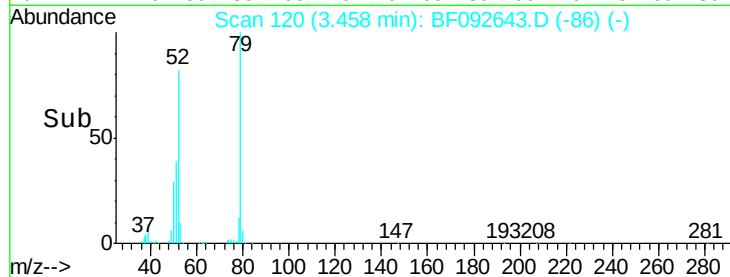
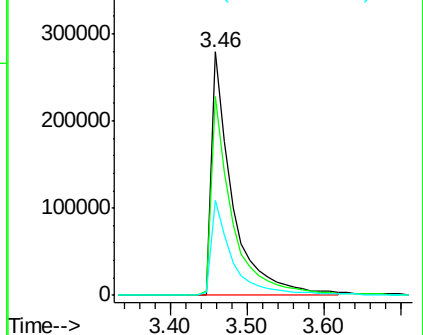
51 39.1 27.3 40.9



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: 48.41 ng

RT: 3.41 min Scan# 116

Delta R.T. 0.09 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

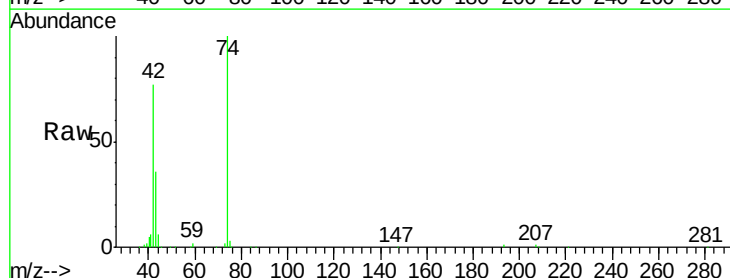
Tgt Ion: 42 Resp: 297934

Ion Ratio Lower Upper

42 100

74 129.3 117.0 175.4

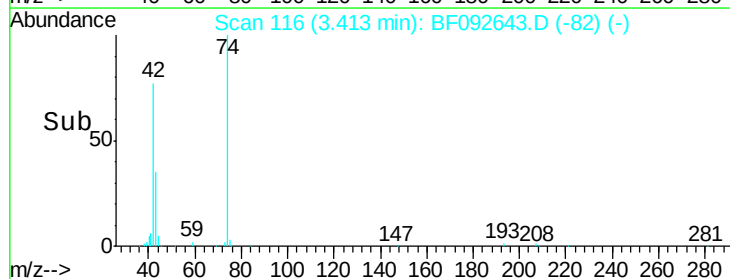
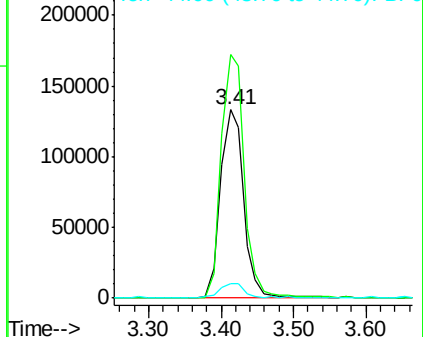
44 7.5 5.5 8.3

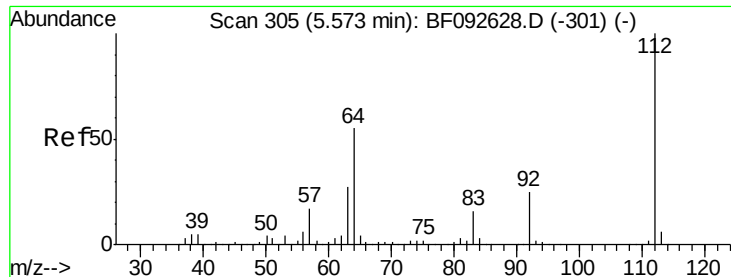


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.95 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092643.D

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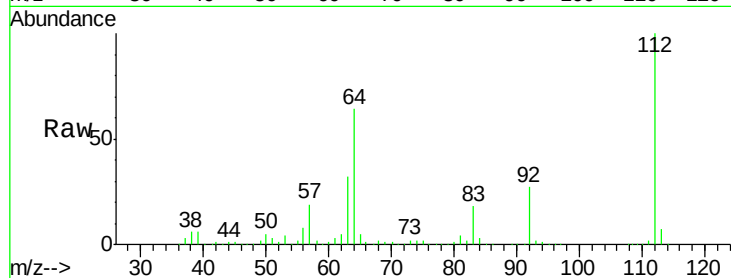
Tgt Ion: 112 Resp: 1182449

Ion Ratio Lower Upper

112 100

64 63.8 46.1 69.1

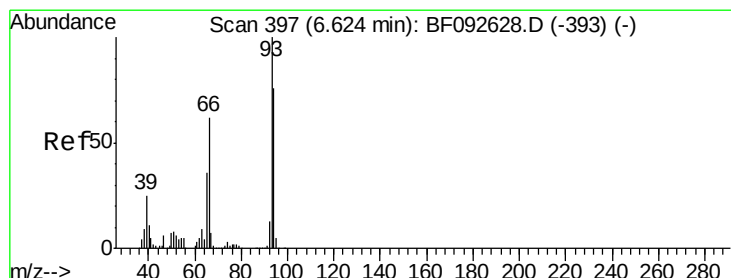
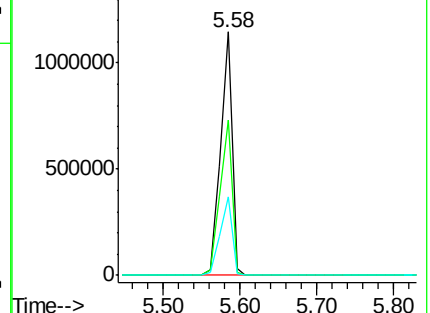
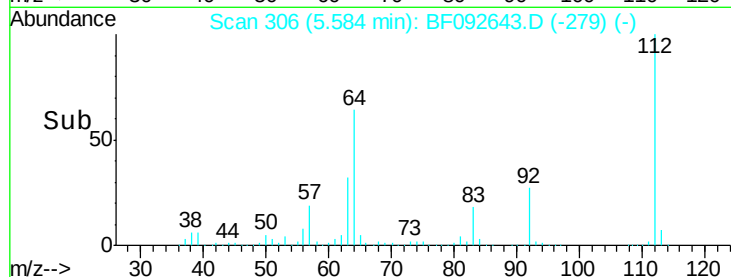
63 32.2 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.85 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

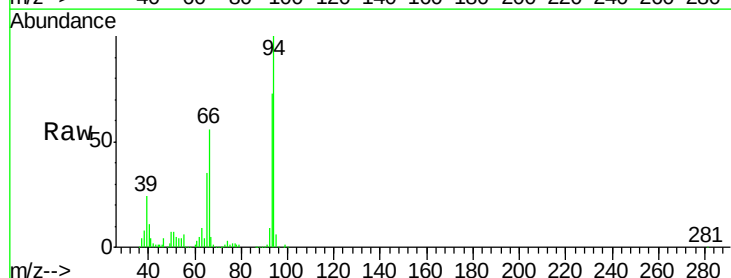
Tgt Ion: 93 Resp: 365779

Ion Ratio Lower Upper

93 100

66 77.0 76.2 114.2

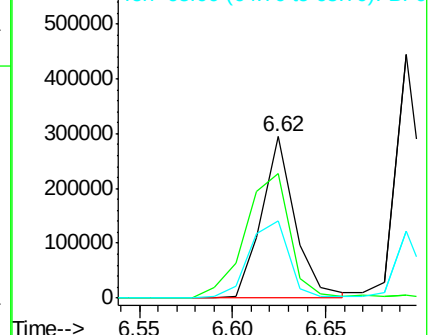
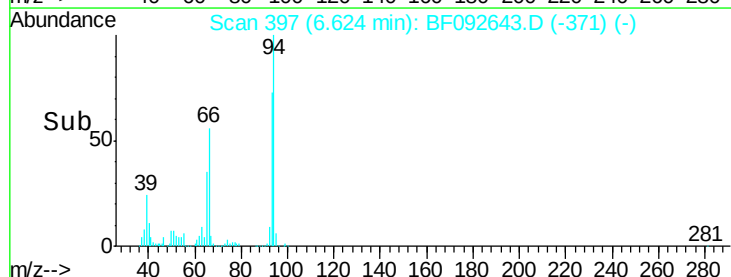
65 48.0 49.3 73.9#

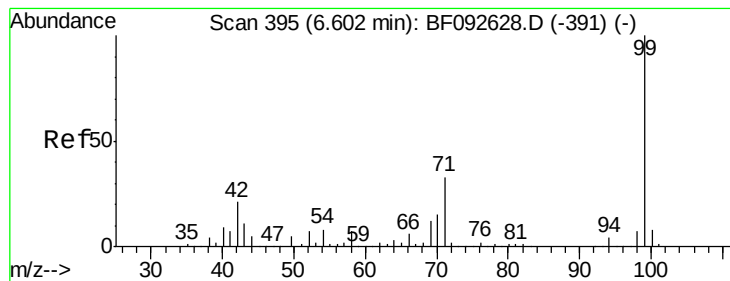


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.90 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

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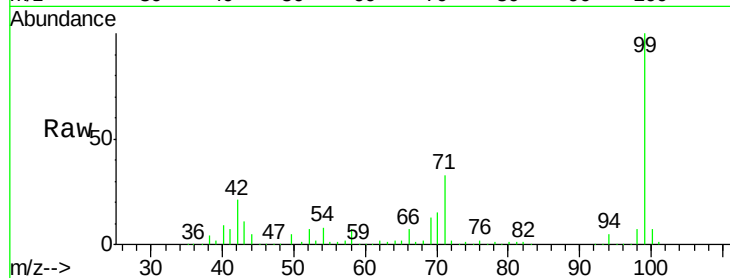
Tgt Ion: 99 Resp: 1545402

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

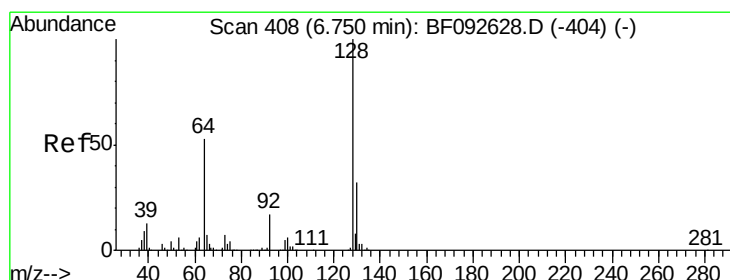
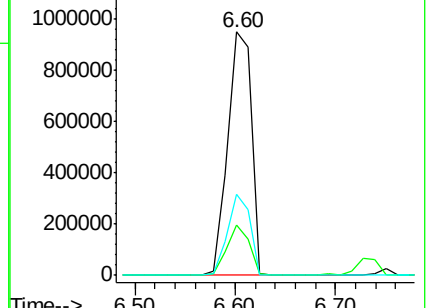
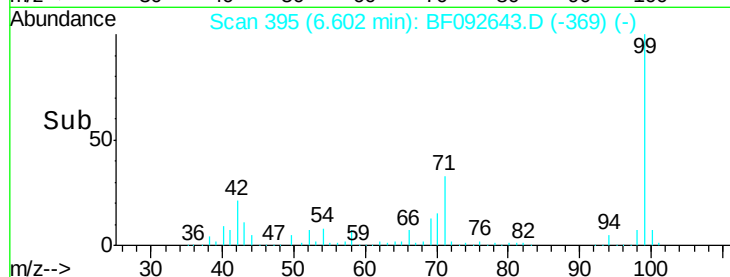
71 33.1 27.5 41.3



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: 42.09 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

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Acq: 30 Jan 2017 19:43

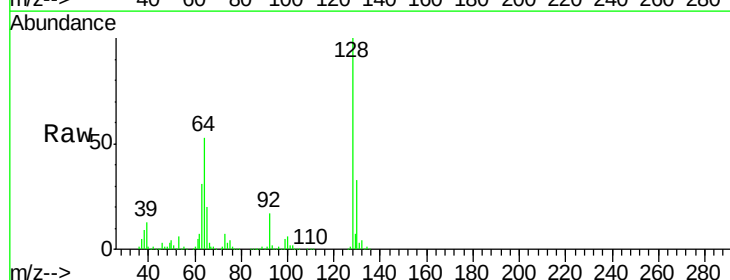
Tgt Ion: 128 Resp: 442968

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

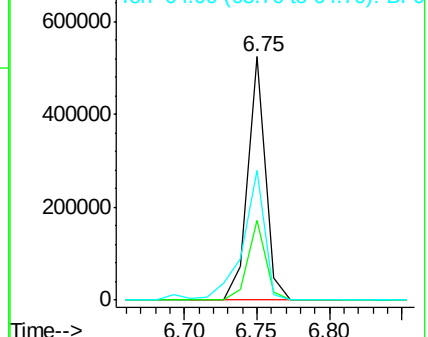
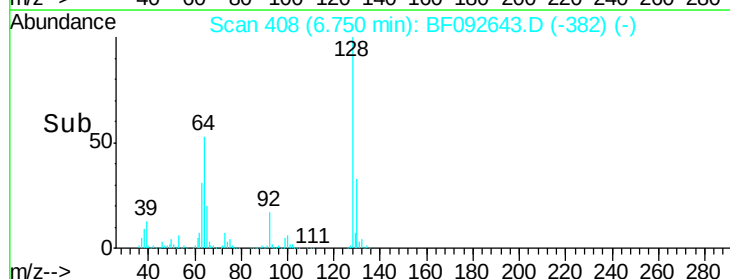
64 53.1 32.2 72.2

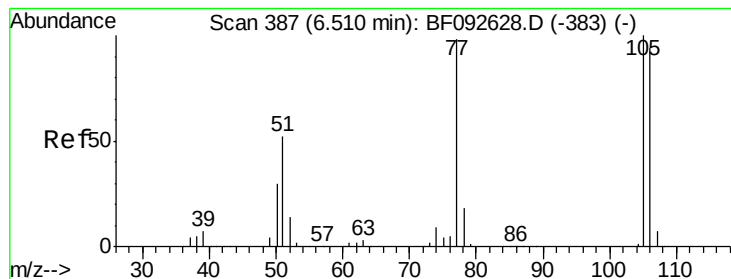


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.45 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

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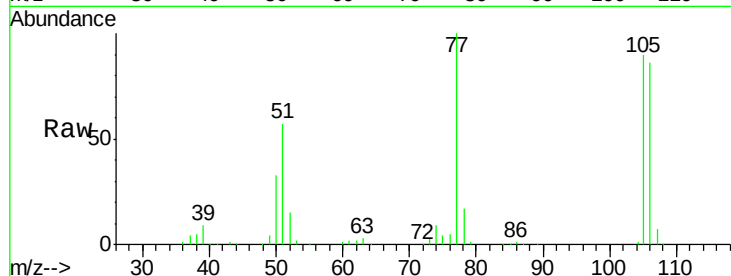
Tgt Ion: 77 Resp: 162207

Ion Ratio Lower Upper

77 100

105 90.2 83.9 123.9

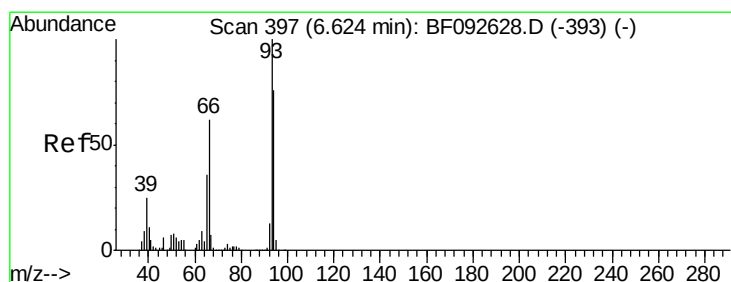
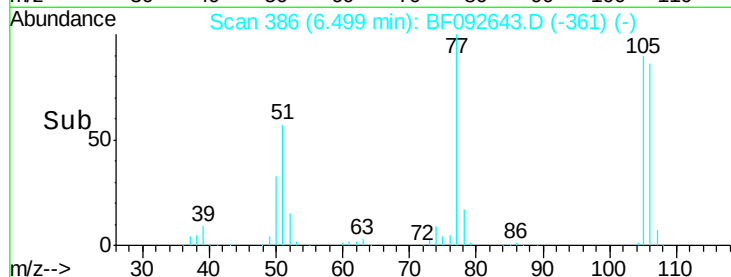
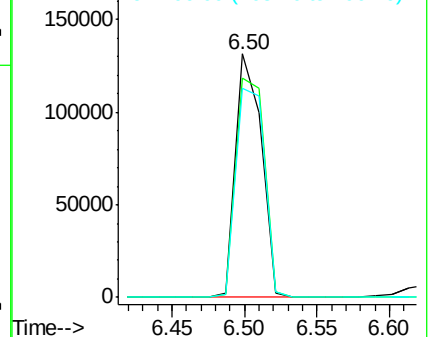
106 85.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.82 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

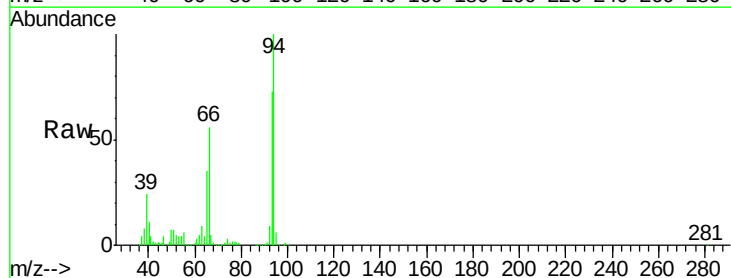
Tgt Ion: 94 Resp: 514346

Ion Ratio Lower Upper

94 100

65 35.1 21.4 61.4

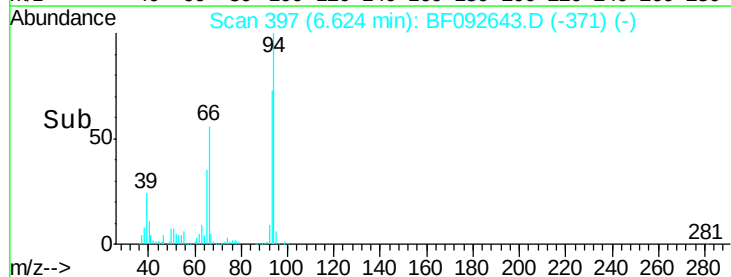
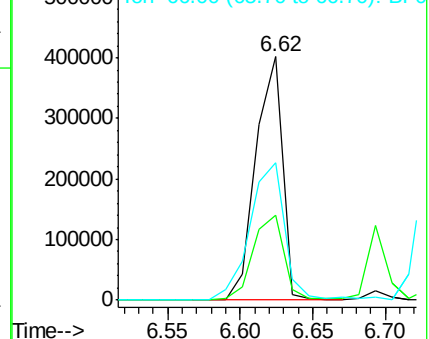
66 56.2 44.0 84.0

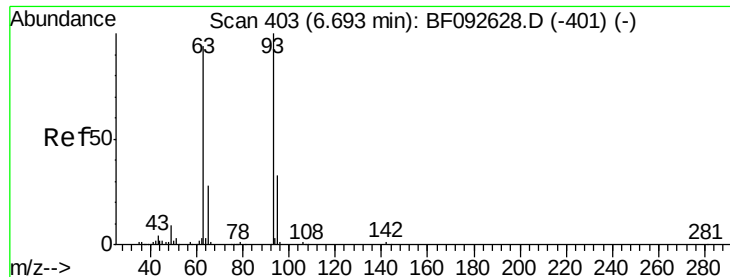


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

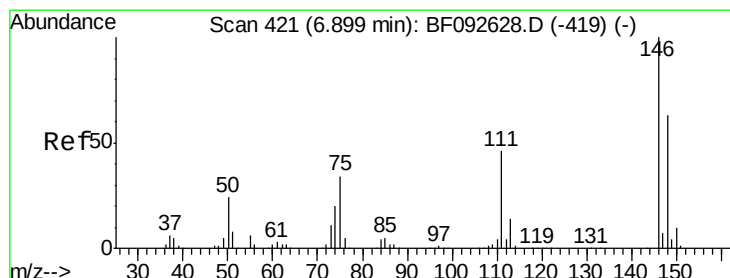
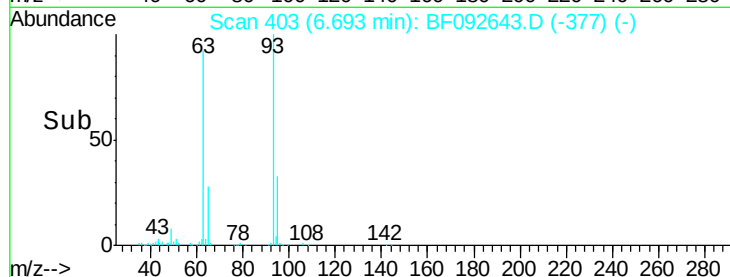
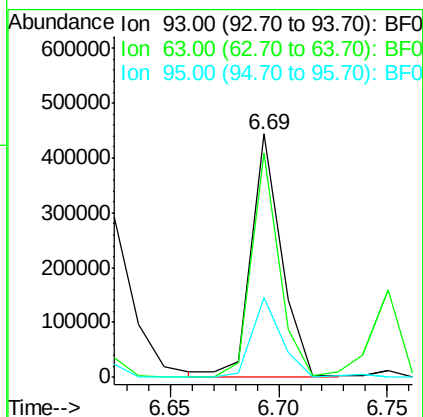
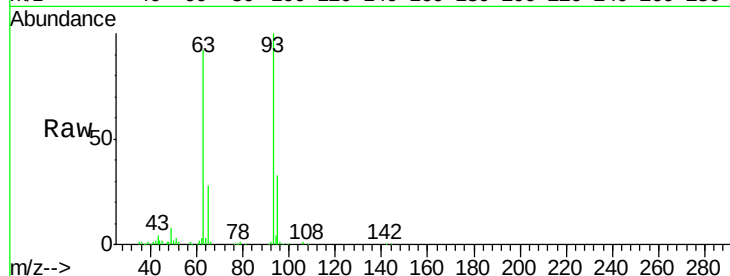




#11
 bis(2-Chloroethyl)ether
 Concen: 37.73 ng
 RT: 6.69 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

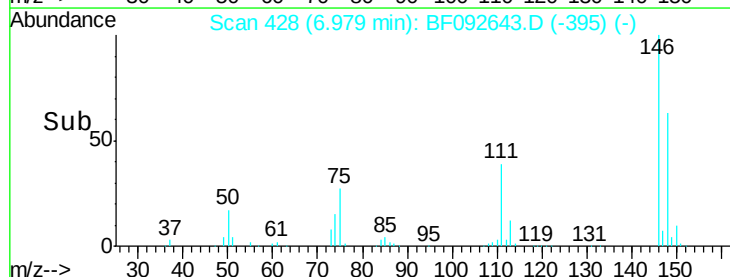
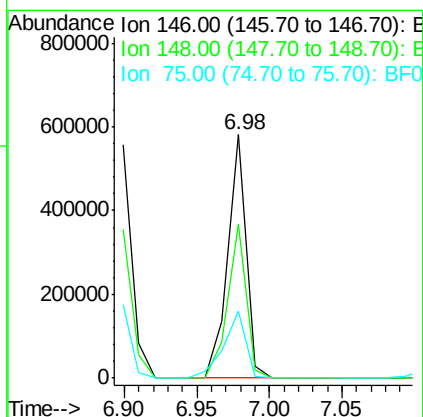
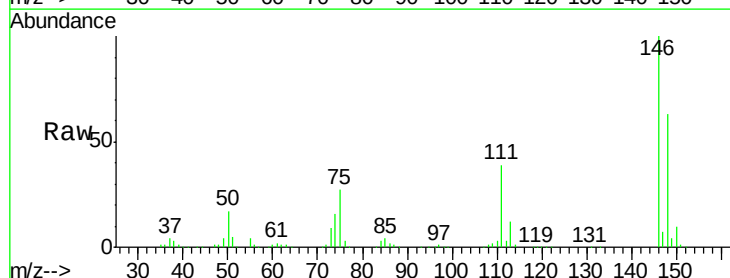
Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

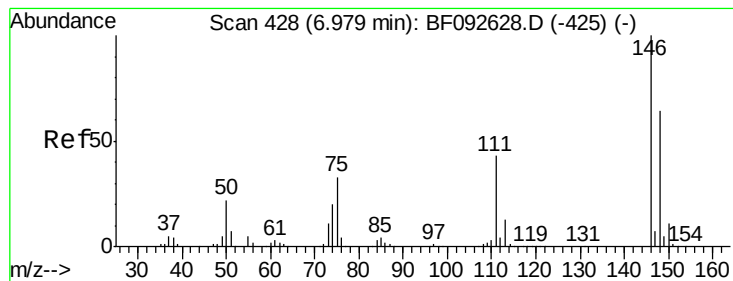
Tgt Ion	Ratio	Lower	Upper
93	100		
63	92.0	60.4	100.4
95	32.6	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 41.60 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.08 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	53.4	80.0
75	27.3	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 41.10 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

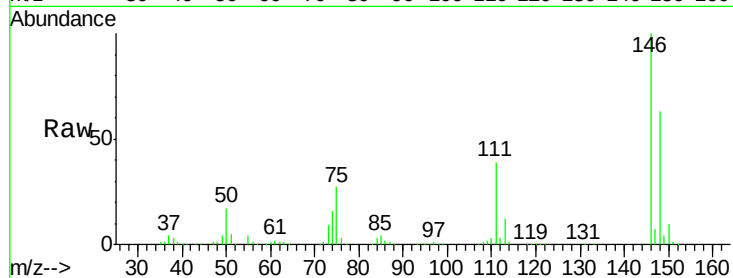
Tgt Ion:146 Resp: 512766

Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

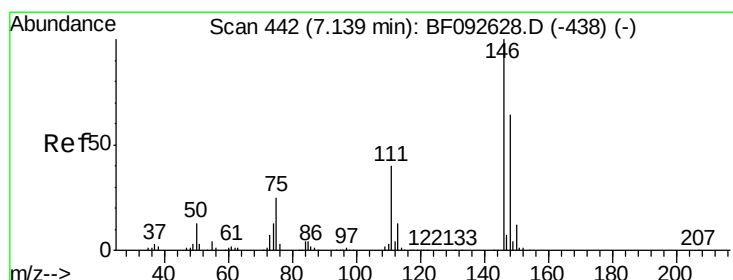
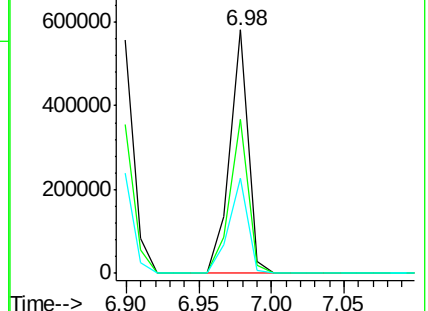
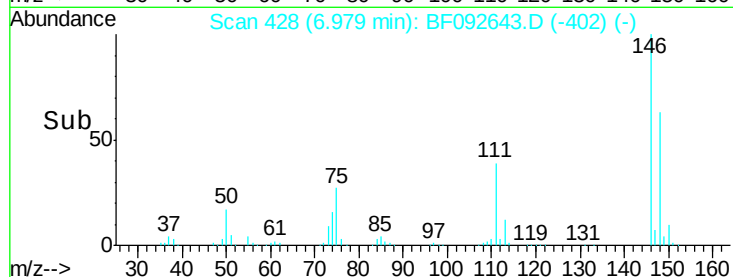
111 38.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.28 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

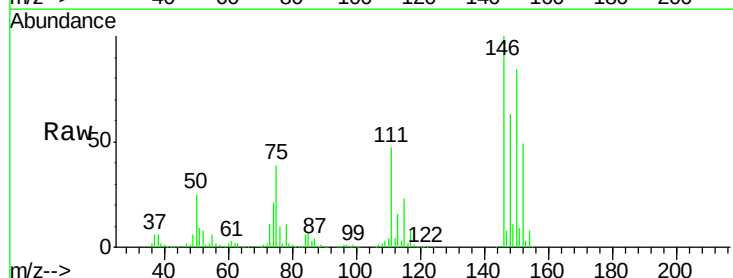
Tgt Ion:146 Resp: 456690

Ion Ratio Lower Upper

146 100

148 62.6 52.2 78.2

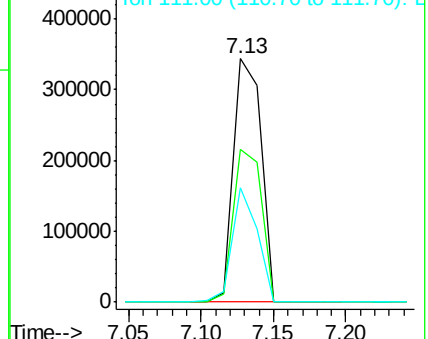
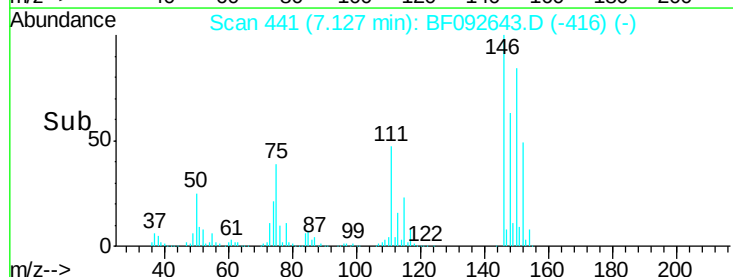
111 46.7 36.2 54.2

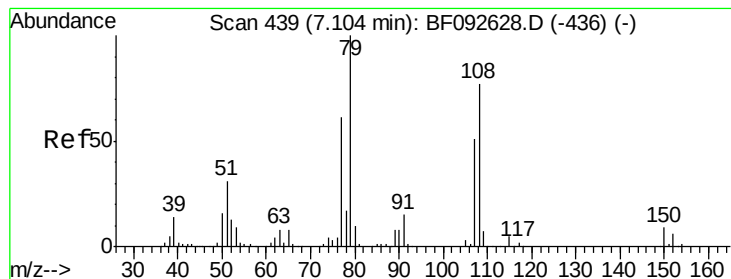


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.93 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

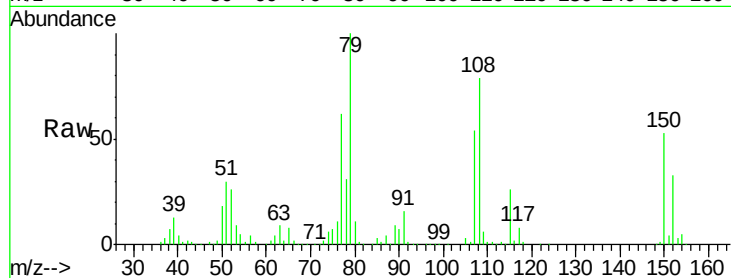
Tgt Ion: 79 Resp: 371897

Ion Ratio Lower Upper

79 100

108 78.7 61.4 92.0

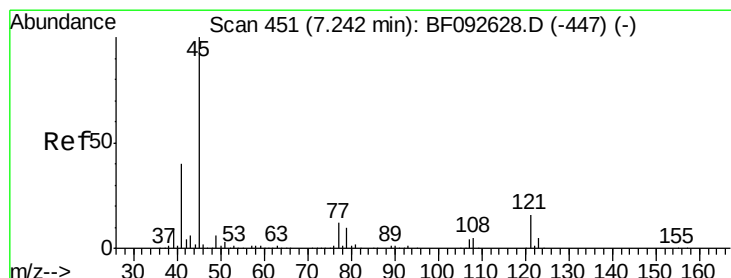
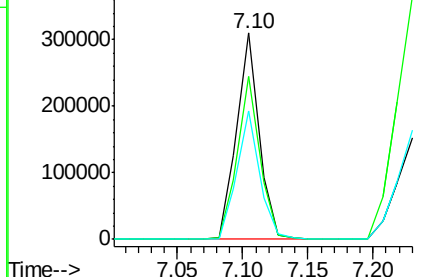
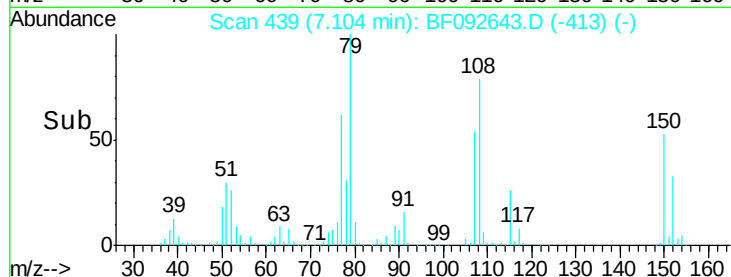
77 61.9 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.03 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

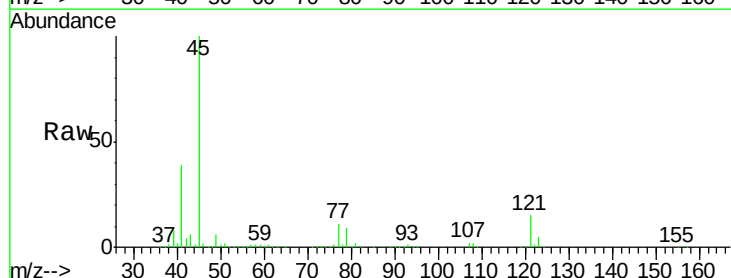
Tgt Ion: 45 Resp: 757331

Ion Ratio Lower Upper

45 100

77 11.5 0.0 34.6

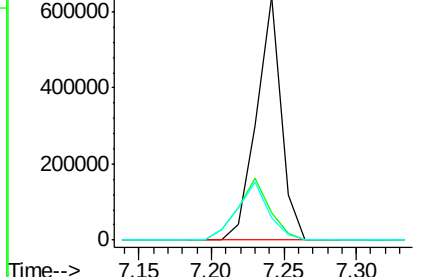
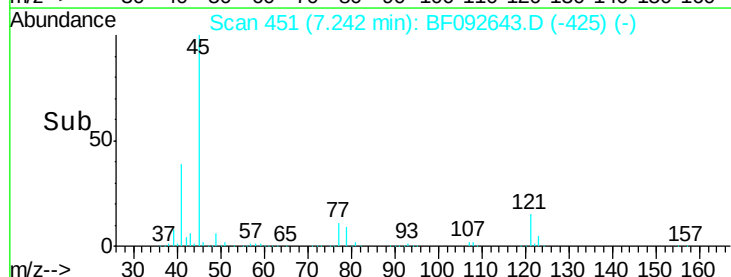
79 9.1 0.0 31.2

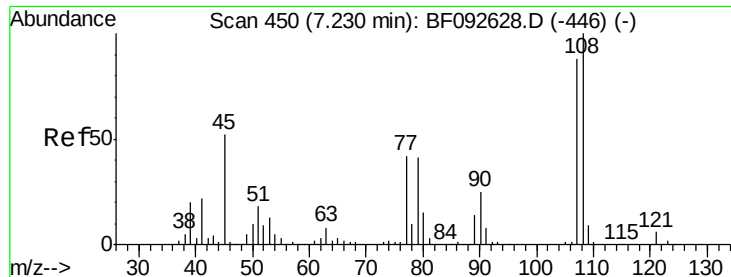


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

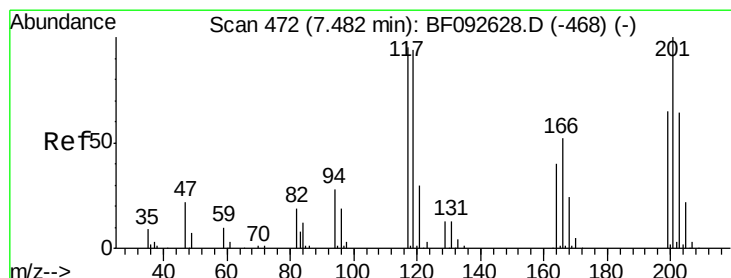
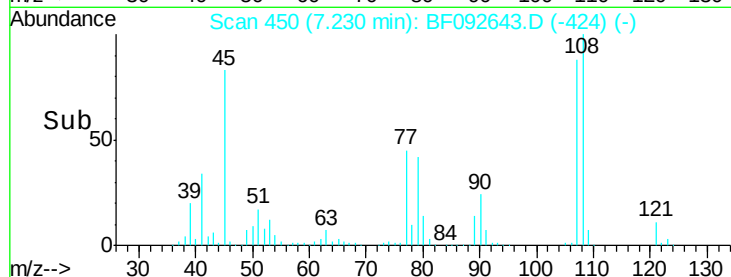
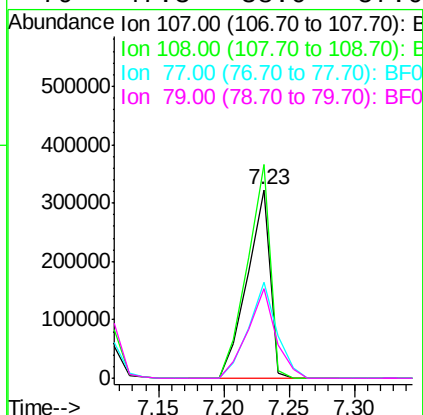
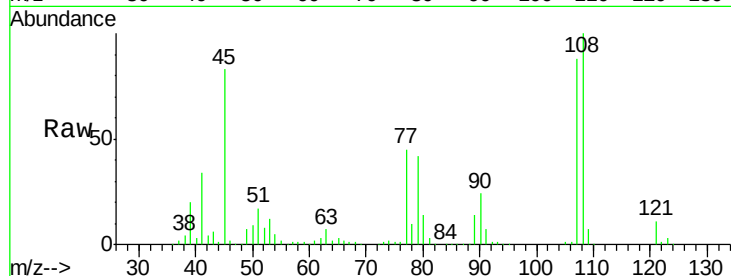




#17
2-Methylphenol
Concen: 43.95 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

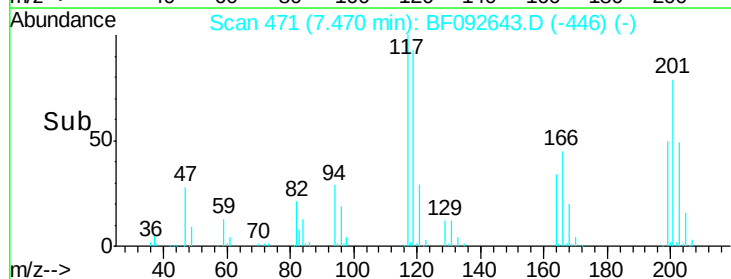
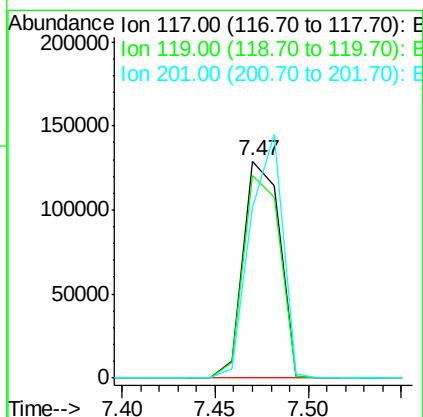
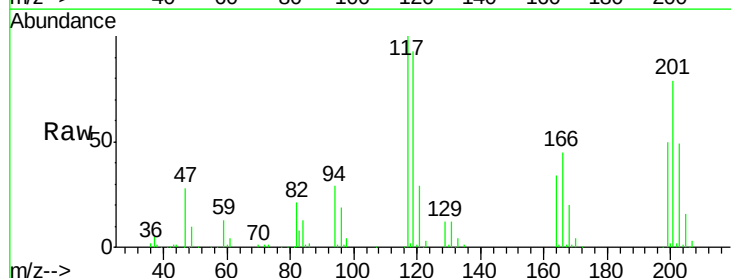
Instrument :
BNA_F
ClientSampleId :
PB96532BS

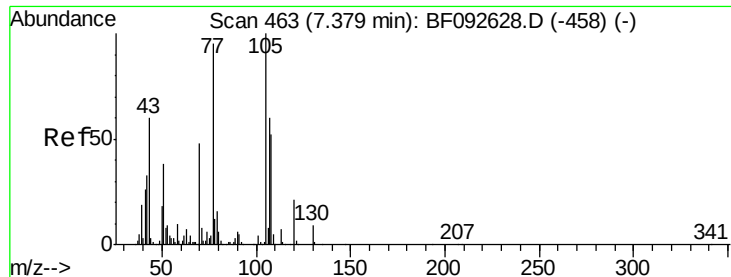
Tgt Ion:107 Resp: 396789
Ion Ratio Lower Upper
107 100
108 113.3 93.0 139.6
77 50.6 39.8 59.8
79 47.3 38.0 57.0



#18
Hexachloroethane
Concen: 40.94 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion:117 Resp: 174361
Ion Ratio Lower Upper
117 100
119 93.4 78.1 117.1
201 78.8 78.6 117.8

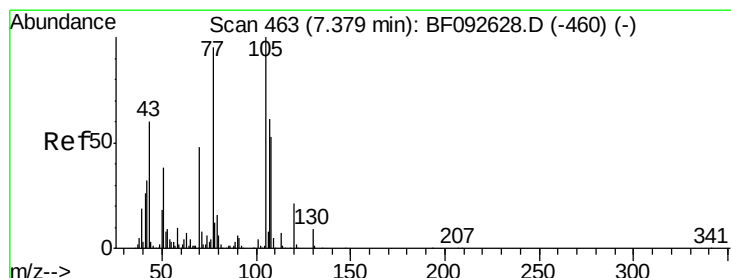
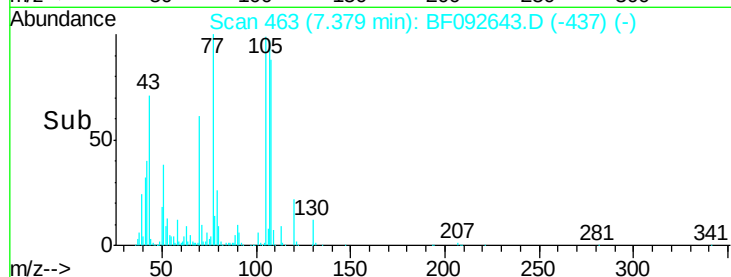
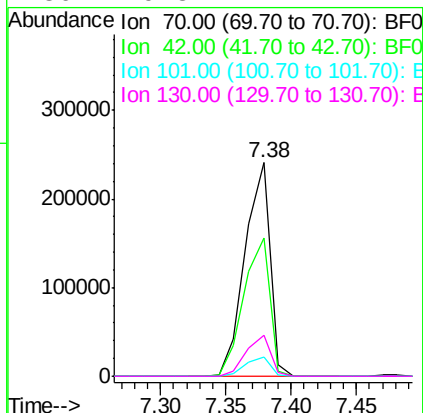
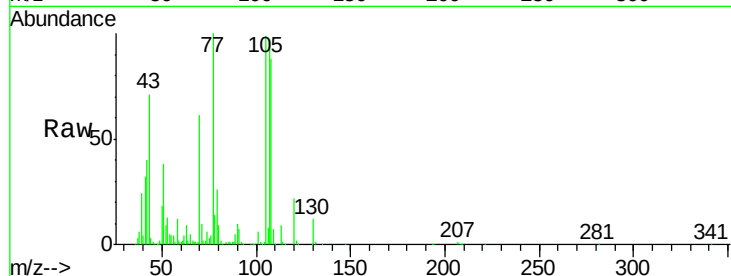




#19
n-Nitroso-di-n-propylamine
Concen: 41.11 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

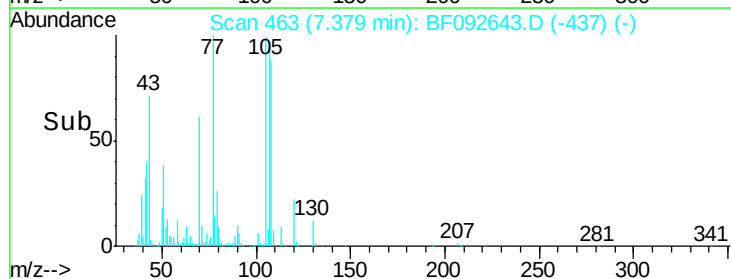
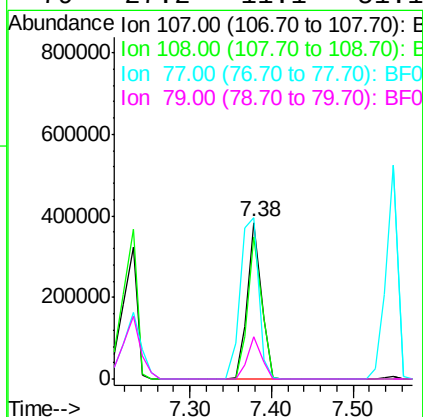
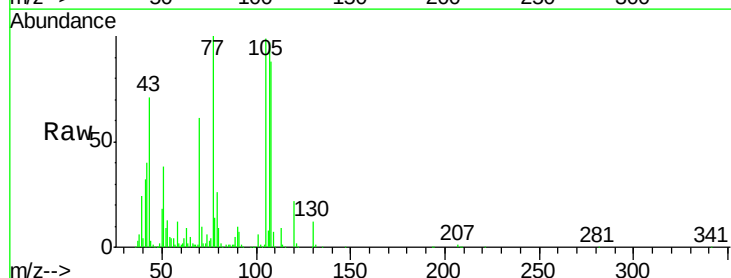
Instrument :
BNA_F
ClientSampleId :
PB96532BS

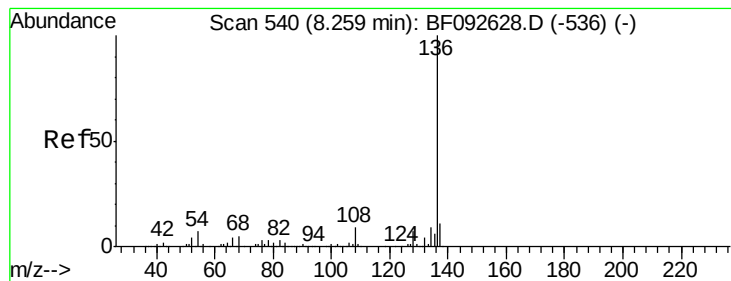
Tgt Ion: 70 Resp: 321235
Ion Ratio Lower Upper
70 100
42 64.8 49.4 74.0
101 9.3 7.4 11.2
130 19.3 14.2 21.4



#20
3+4-Methylphenols
Concen: 42.60 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion: 107 Resp: 459914
Ion Ratio Lower Upper
107 100
108 90.6 73.0 113.0
77 102.7 71.3 111.3
79 27.2 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

Tgt Ion:136 Resp: 659655

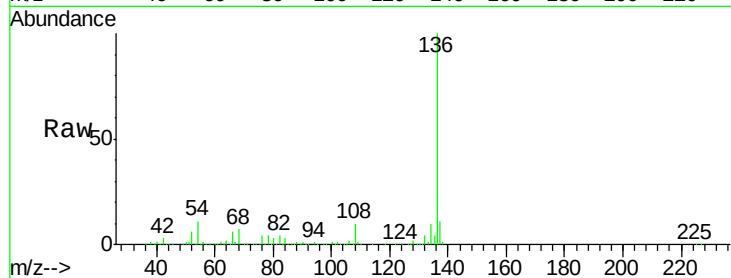
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 11.3 4.5 6.7#

68 7.4 3.6 5.4#

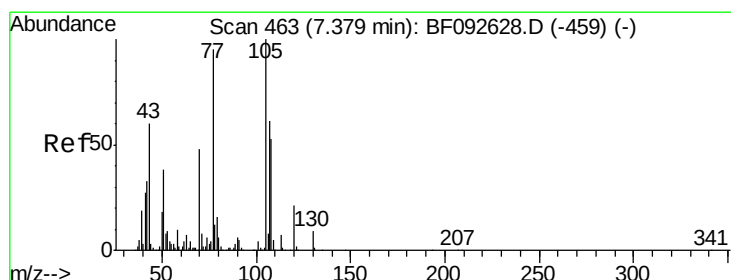
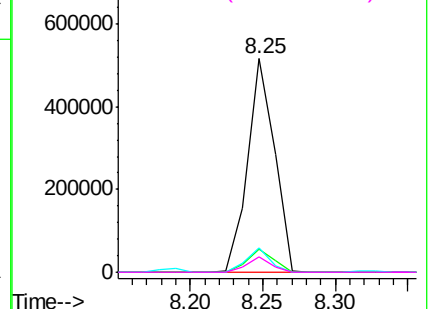
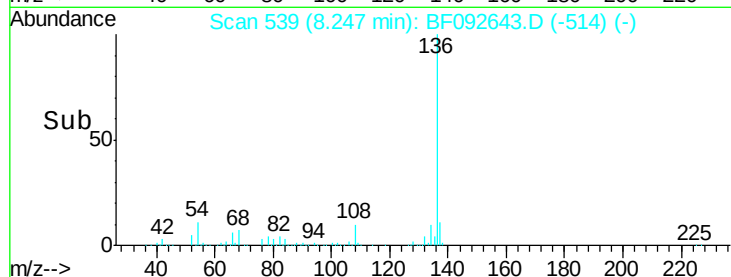


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.20 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Tgt Ion:105 Resp: 635598

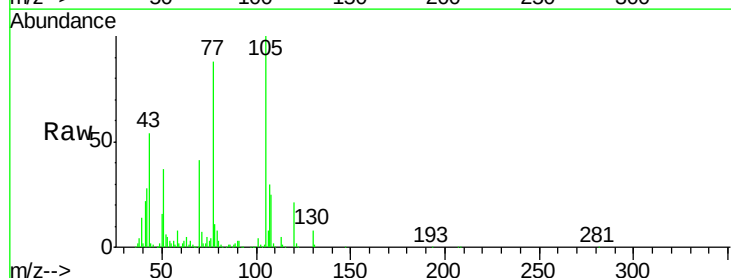
Ion Ratio Lower Upper

105 100

71 6.7 3.2 4.8#

51 37.0 26.2 39.4

120 20.9 16.6 24.8

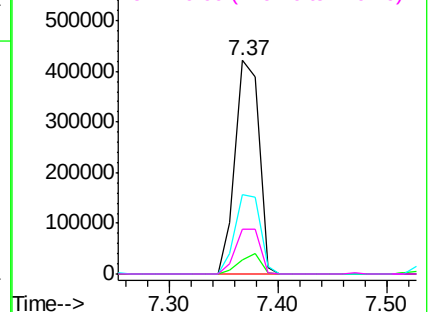
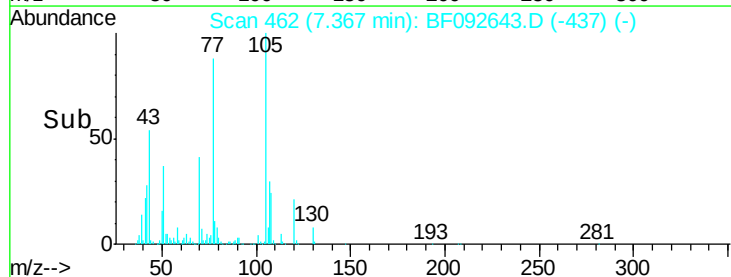


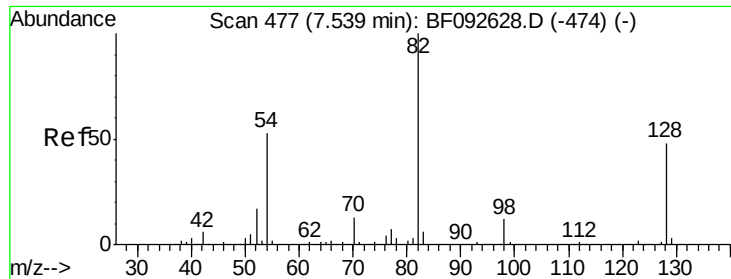
Abundance Ion 105.00 (104.70 to 105.70): E

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

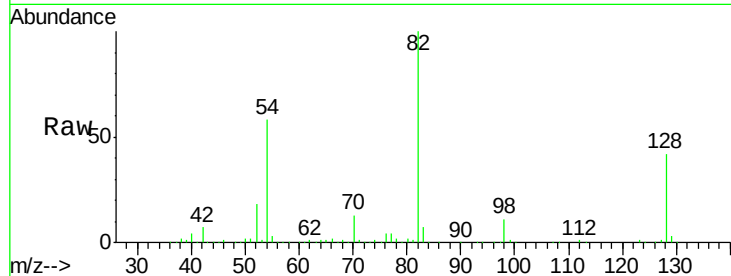




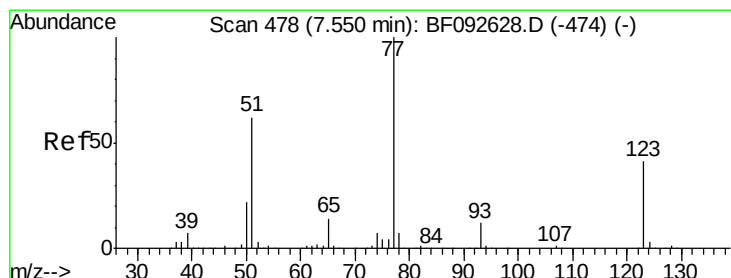
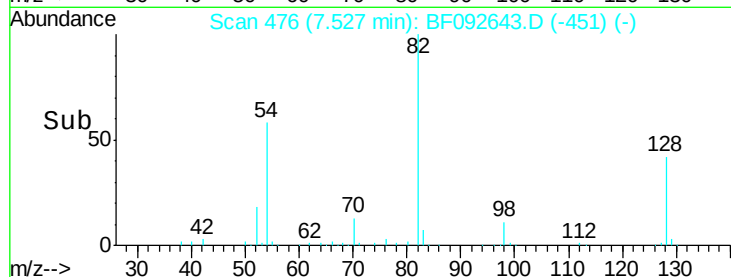
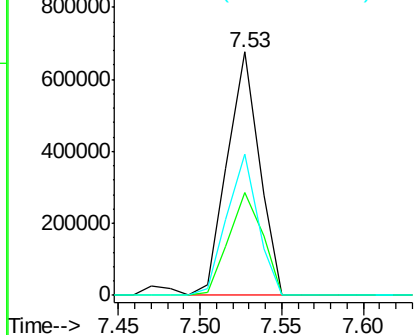
#23
Nitrobenzene-d5
Concen: 77.50 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tgt Ion: 82 Resp: 918029
Ion Ratio Lower Upper
82 100
128 42.2 34.6 52.0
54 57.8 39.5 59.3

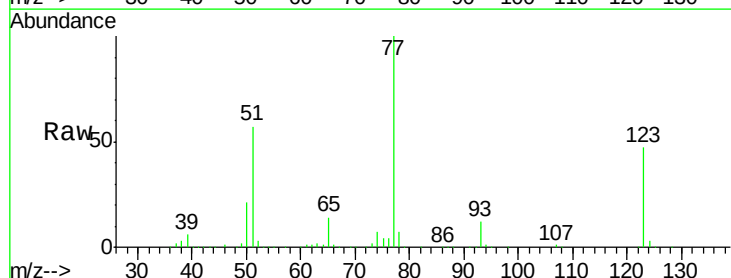


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

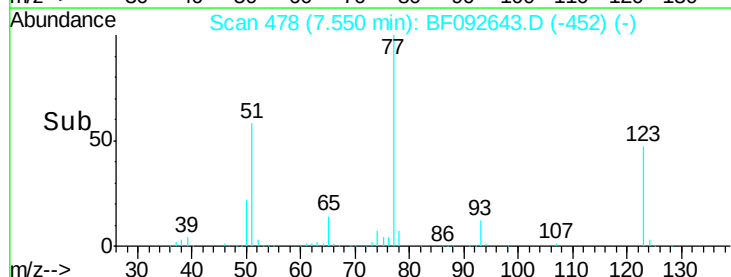
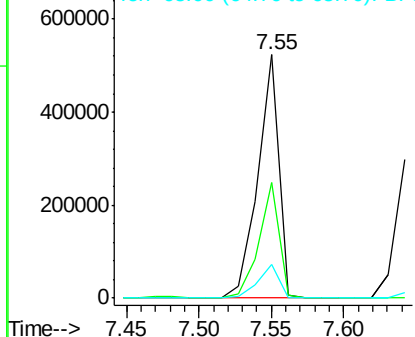


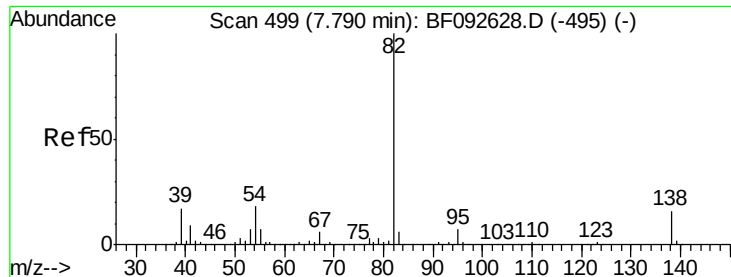
#24
Nitrobenzene
Concen: 43.17 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion: 77 Resp: 525090
Ion Ratio Lower Upper
77 100
123 47.3 33.0 49.4
65 13.7 11.2 16.8



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





#25

Isophorone

Concen: 41.90 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

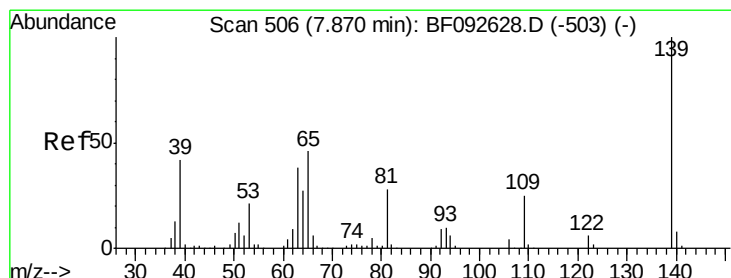
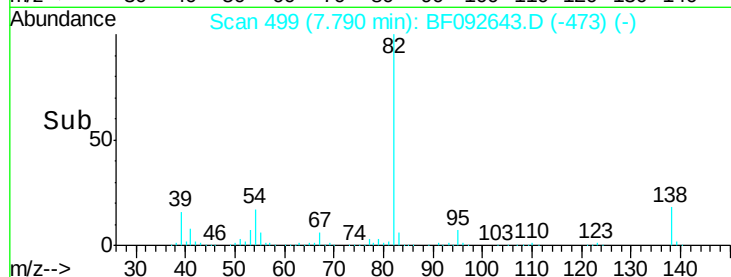
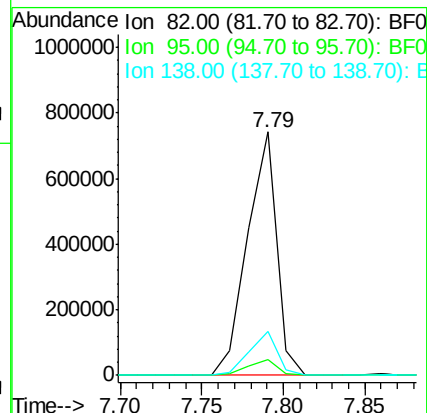
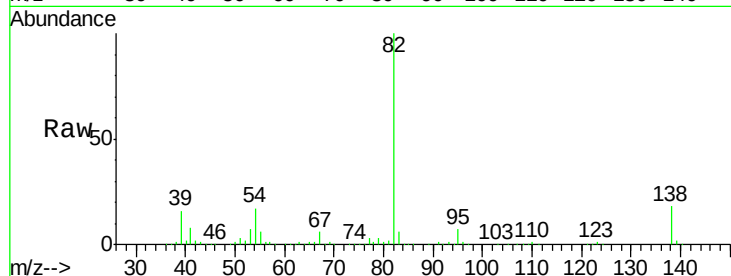
Tgt Ion: 82 Resp: 924879

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 17.9 14.6 22.0



#26

2-Nitrophenol

Concen: 45.41 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

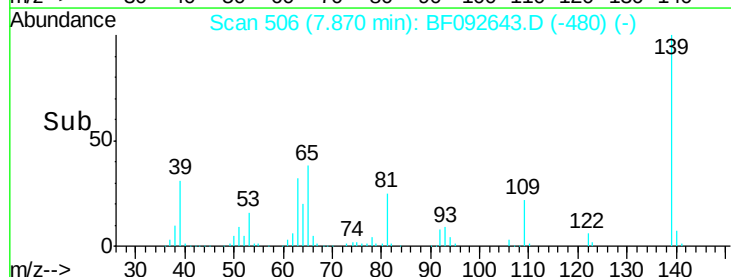
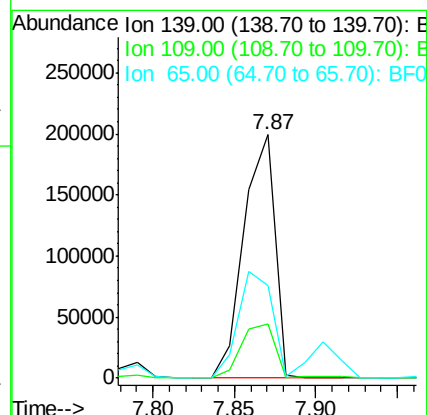
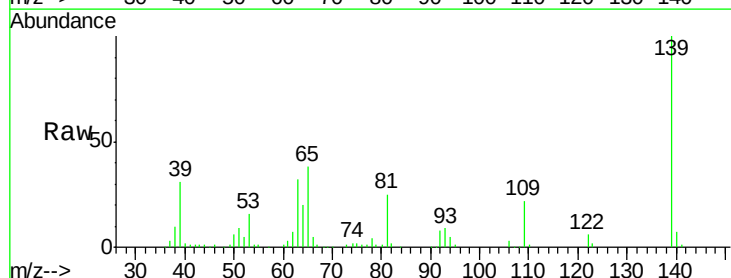
Tgt Ion: 139 Resp: 262578

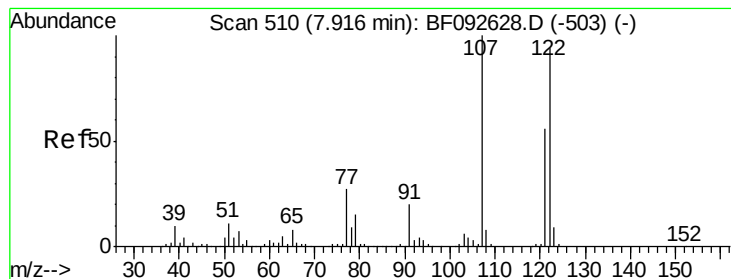
Ion Ratio Lower Upper

139 100

109 22.5 23.3 34.9#

65 37.9 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 43.38 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

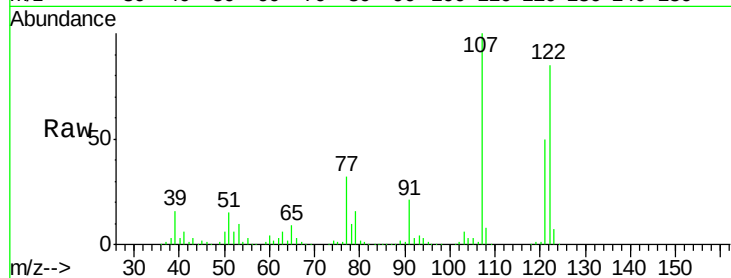
Tgt Ion:122 Resp: 440453

Ion Ratio Lower Upper

122 100

107 117.4 94.1 141.1

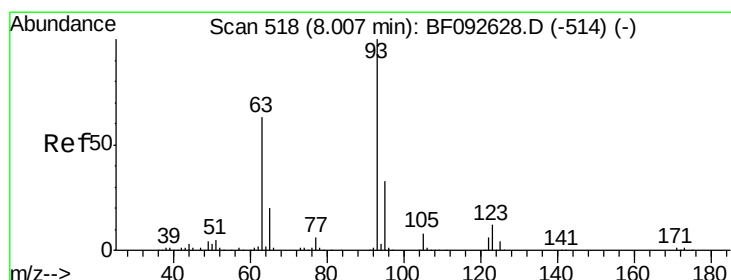
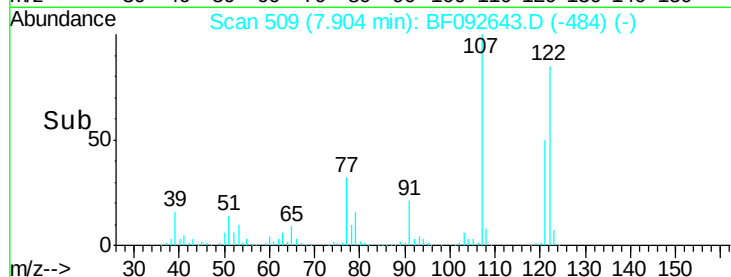
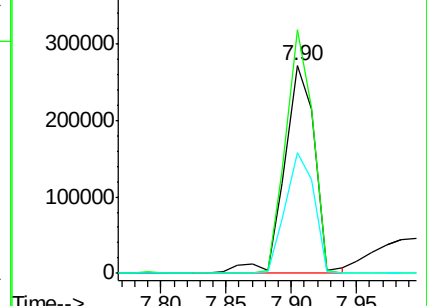
121 58.3 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.81 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

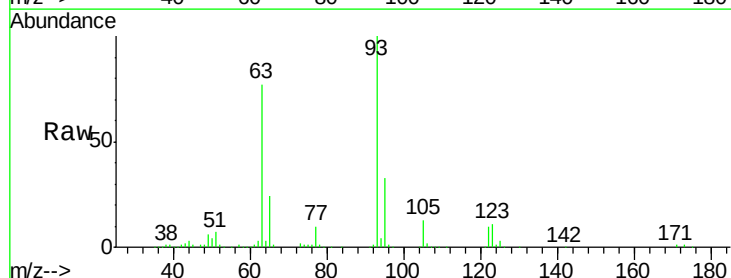
Tgt Ion: 93 Resp: 567401

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

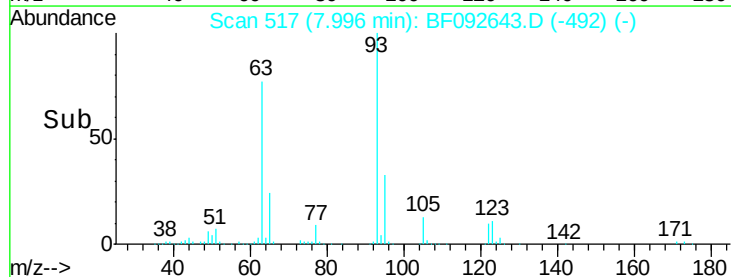
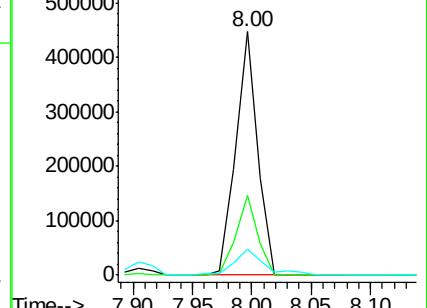
123 10.6 8.6 13.0

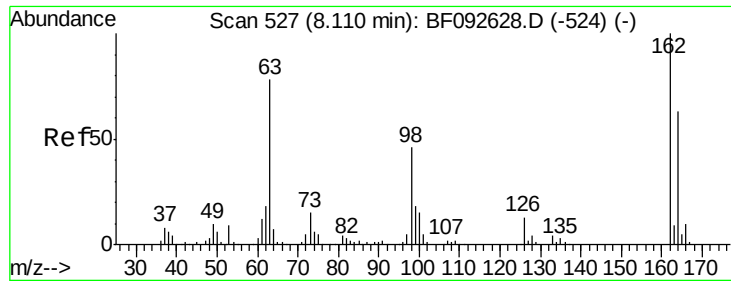


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

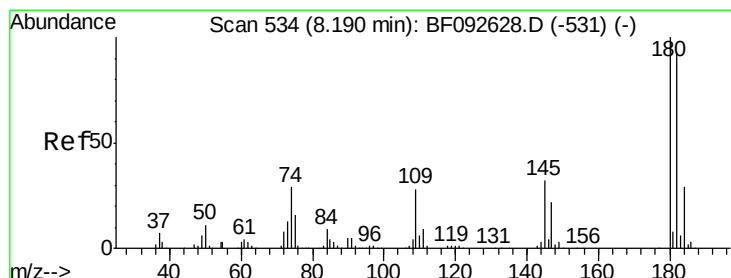
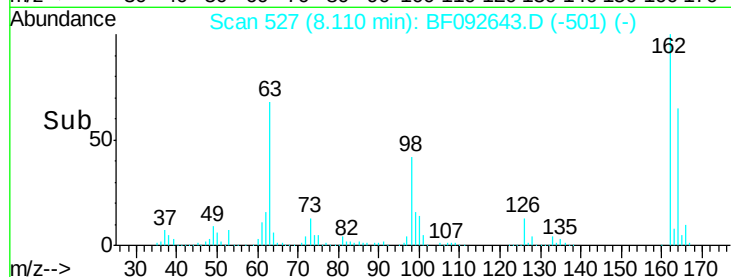
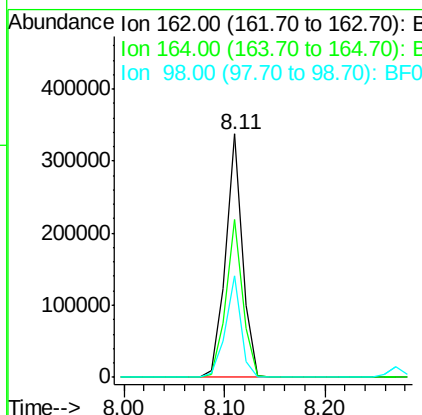
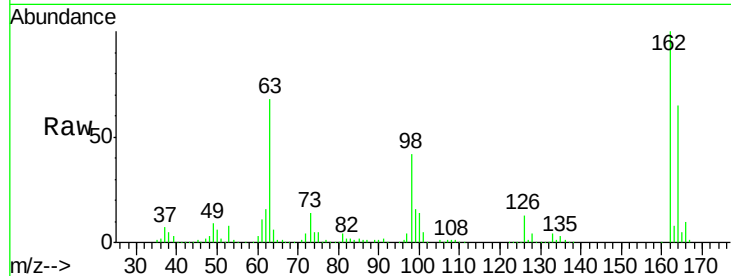




#29
 2,4-Dichlorophenol
 Concen: 41.62 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

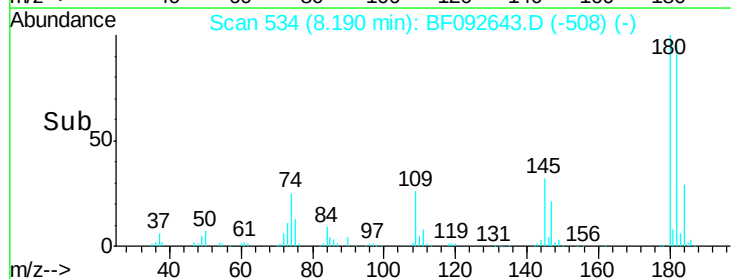
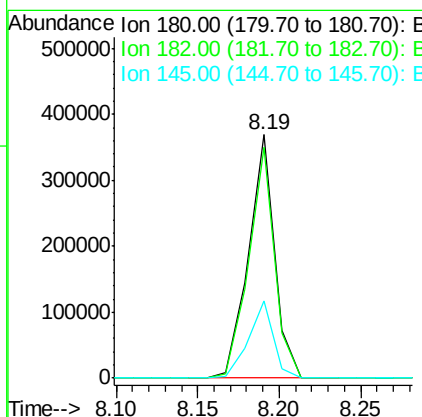
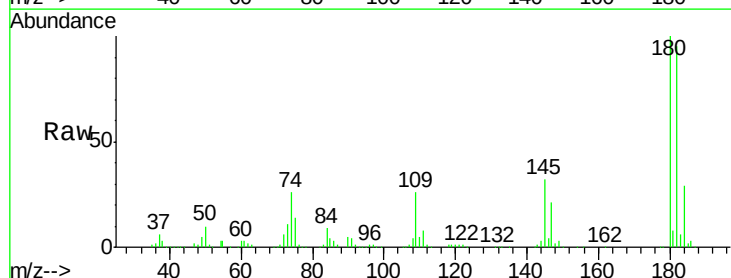
Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

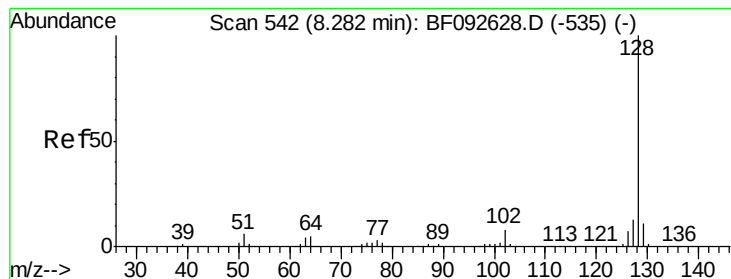
Tgt Ion:162 Resp: 394163
 Ion Ratio Lower Upper
 162 100
 164 65.0 46.8 86.8
 98 41.9 9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.91 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion:180 Resp: 407261
 Ion Ratio Lower Upper
 180 100
 182 94.7 78.2 117.4
 145 31.8 21.6 32.4





#31

Naphthalene

Concen: 37.63 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

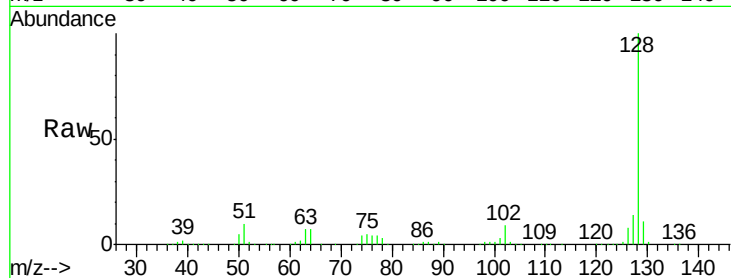
Tgt Ion:128 Resp: 1258495

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

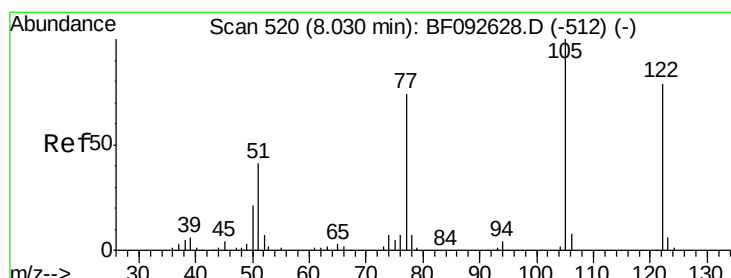
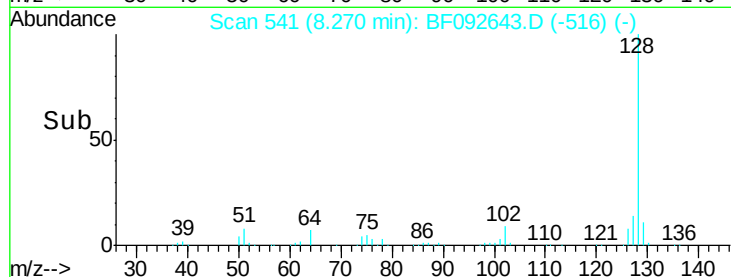
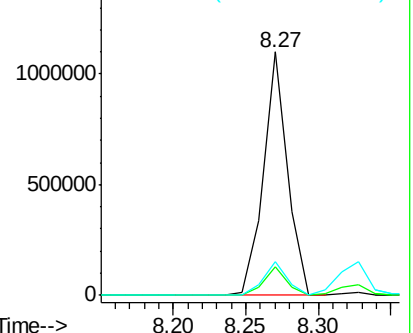
127 13.8 10.8 16.2



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: 55.18 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

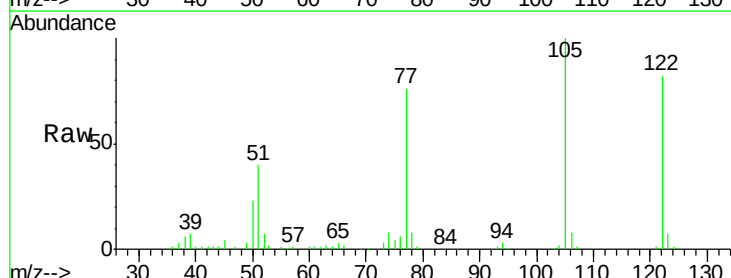
Tgt Ion:122 Resp: 324726

Ion Ratio Lower Upper

122 100

105 121.5 107.2 147.2

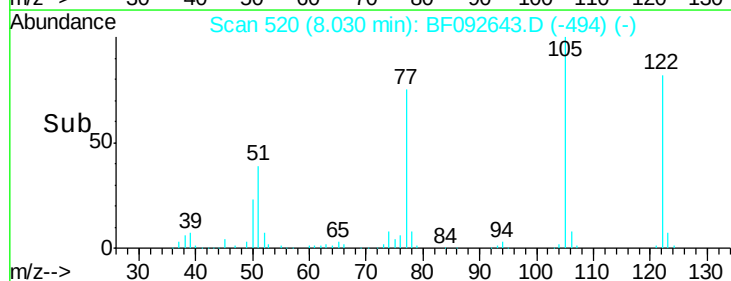
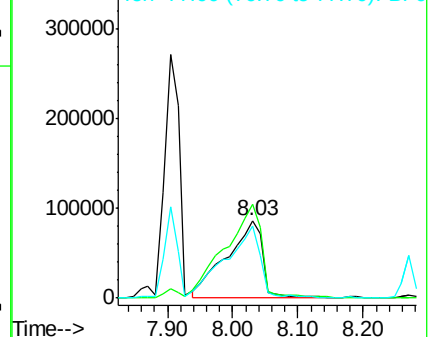
77 92.5 74.5 114.5

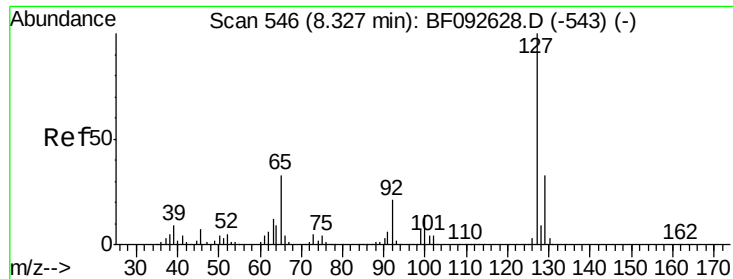


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

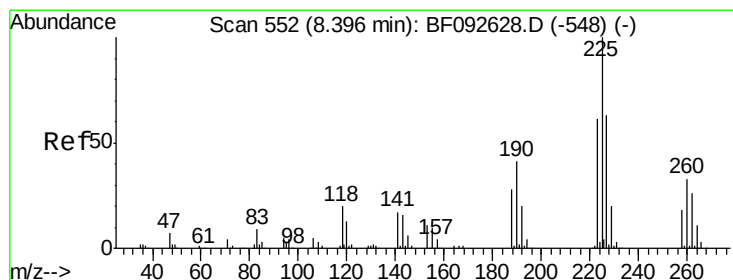
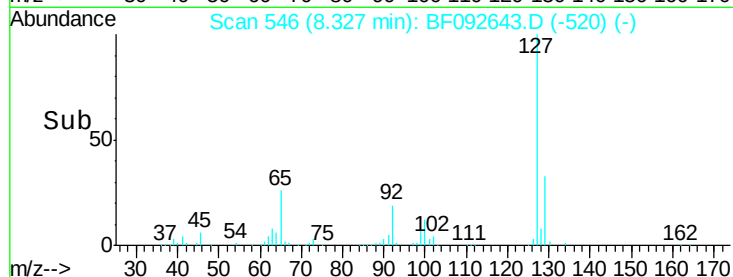
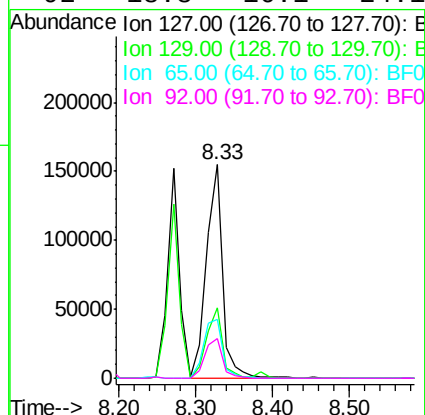
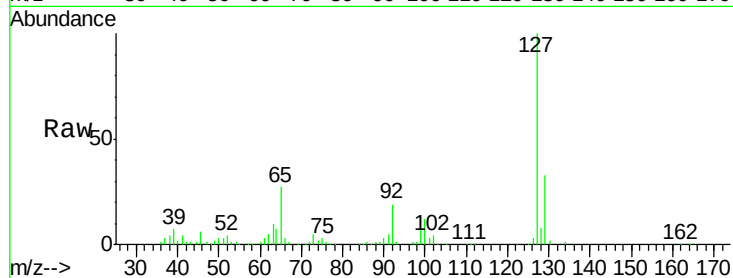




#33
4-Chloroaniline
Concen: 17.09 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

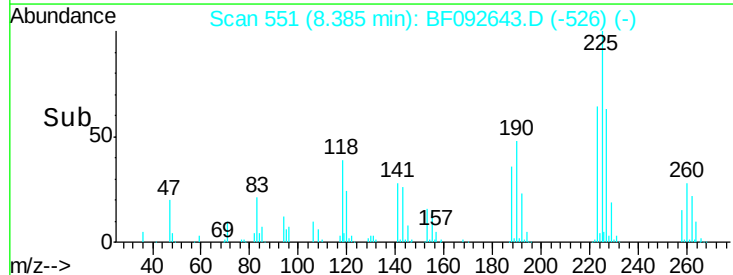
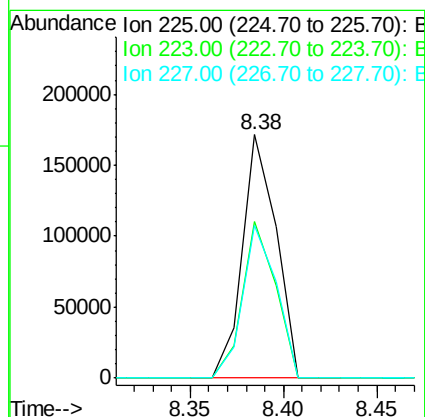
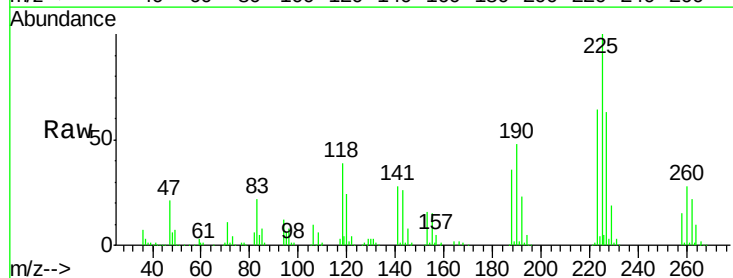
Instrument :
BNA_F
ClientSampleId :
PB96532BS

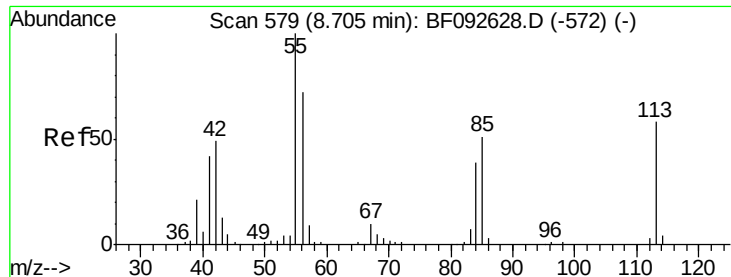
Tgt Ion:	127	Resp:	224151
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	27.5	25.8	38.8
92	18.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.41 ng
RT: 8.38 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion:	225	Resp:	215684
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	62.6	50.6	76.0

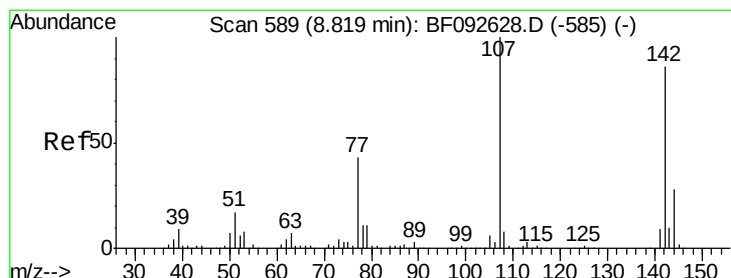
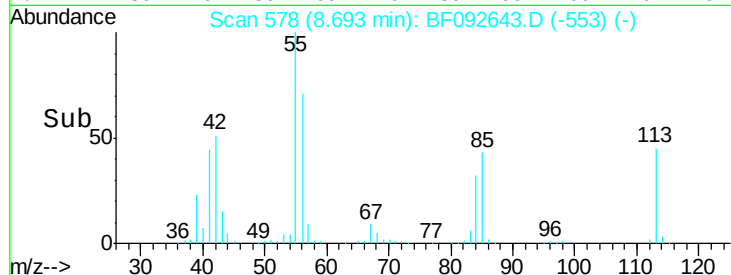
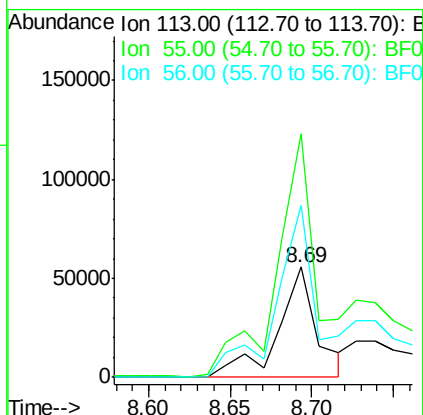
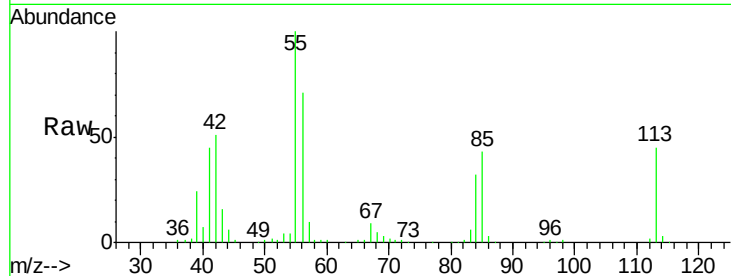




#35
 Caprolactam
 Concen: 31.09 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

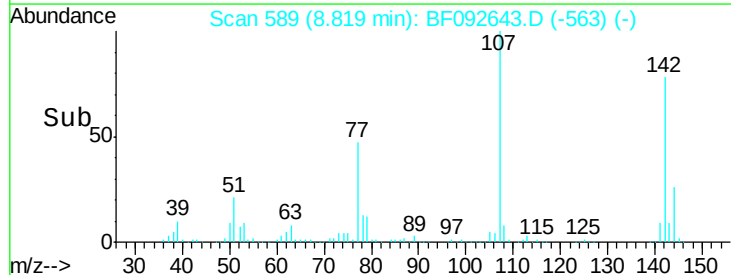
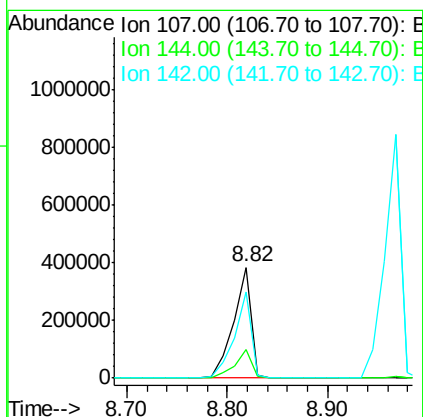
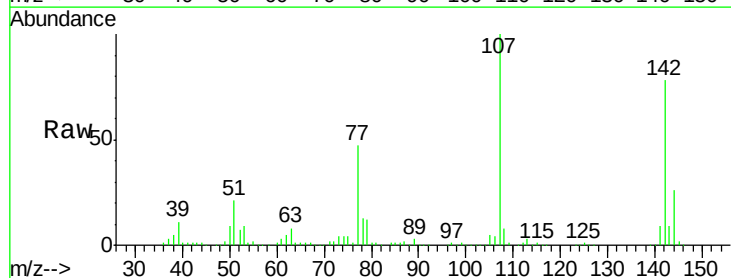
Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

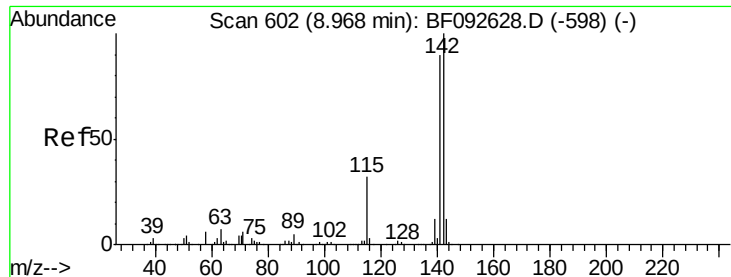
Tgt Ion:113 Resp: 92601
 Ion Ratio Lower Upper
 113 100
 55 221.4 119.2 159.2#
 56 156.1 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 47.51 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion:107 Resp: 469054
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.3 28.9
 142 77.6 59.0 88.6

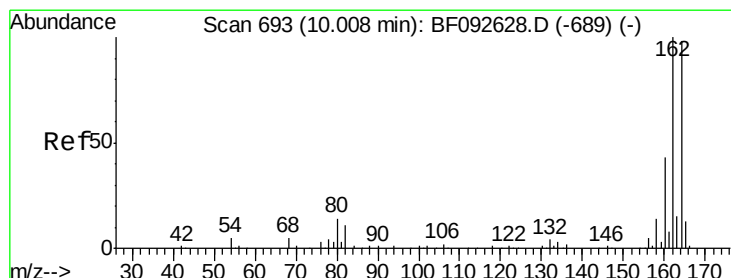
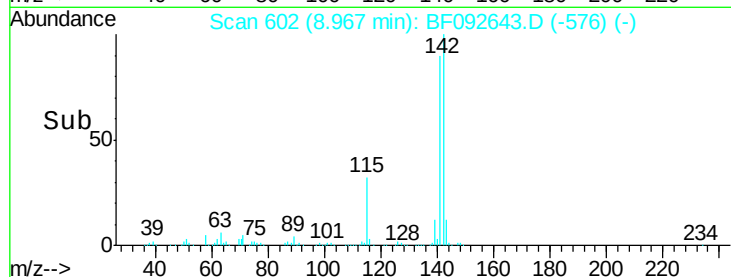
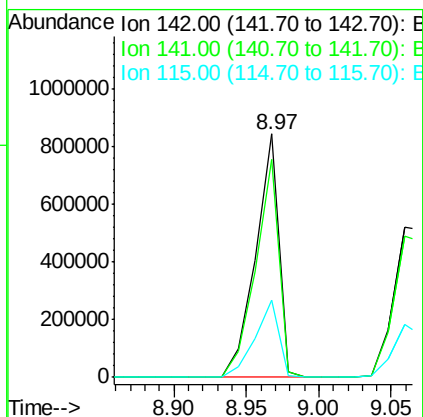
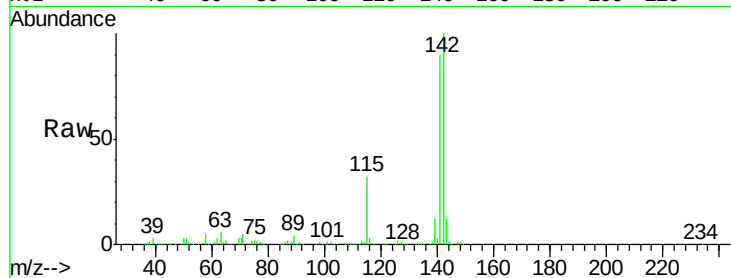




#37
 2-Methylnaphthalene
 Concen: 43.75 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

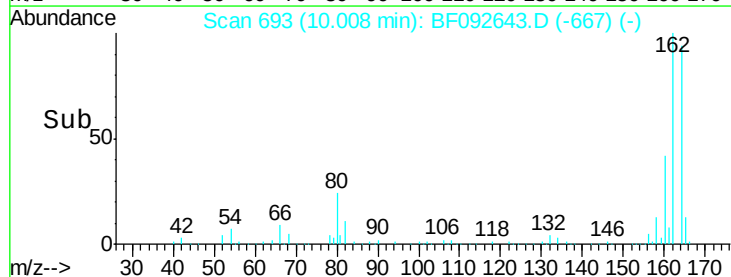
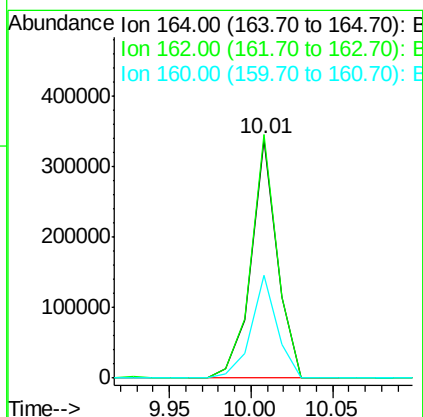
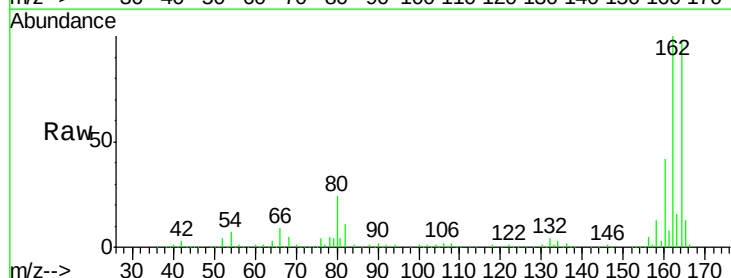
Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

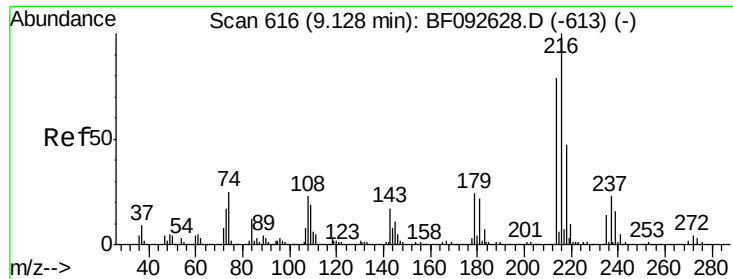
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	31.5	28.3	42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	42.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.36 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

Tgt Ion:216 Resp: 396750

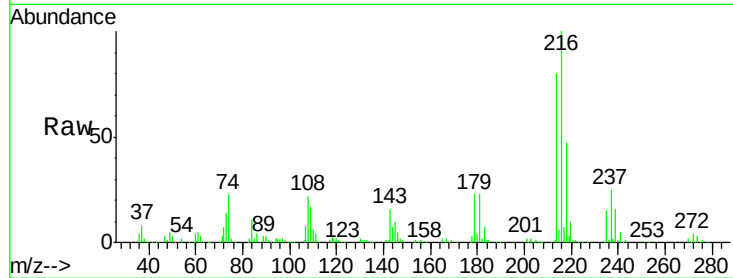
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 20.8 17.4 26.2

108 20.2 15.6 23.4

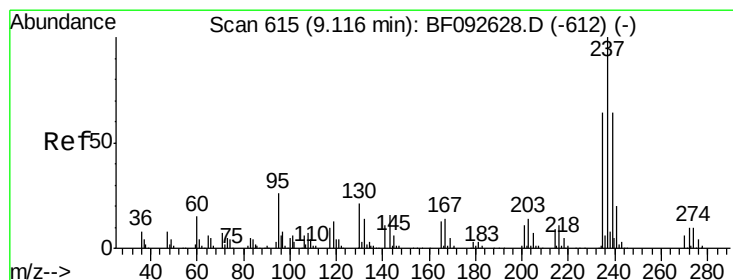
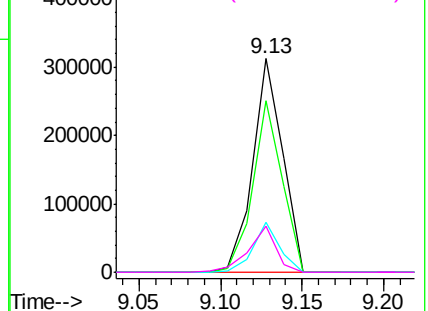
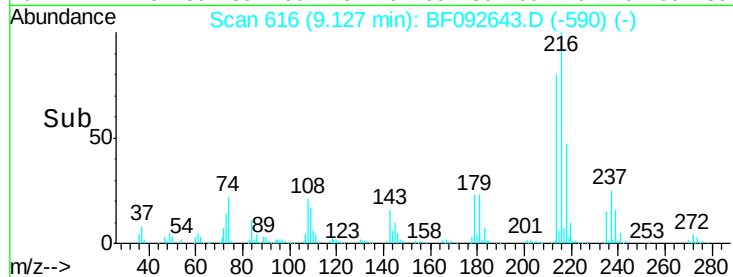


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.61 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

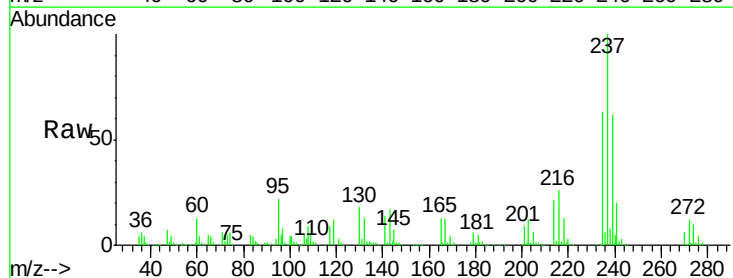
Tgt Ion:237 Resp: 381497

Ion Ratio Lower Upper

237 100

235 63.0 41.2 81.2

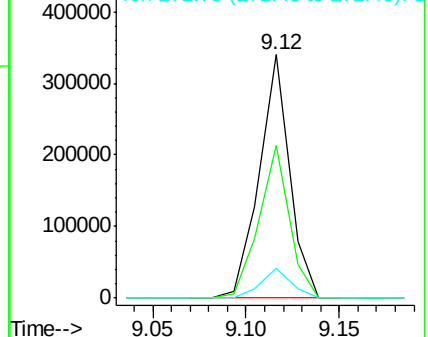
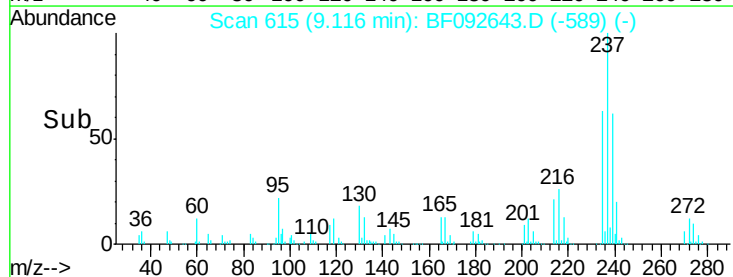
272 12.2 0.0 35.4

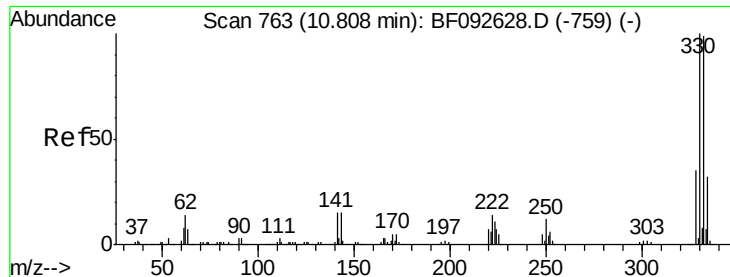


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

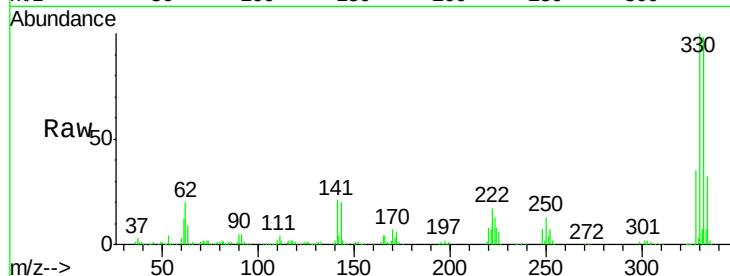




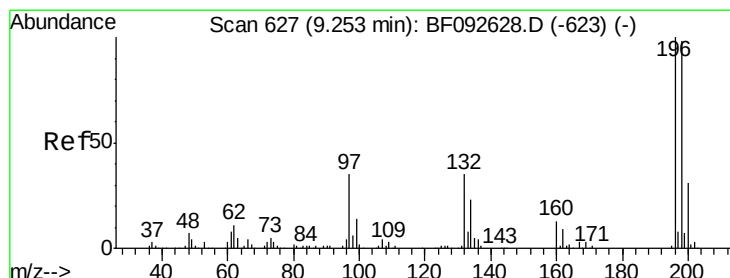
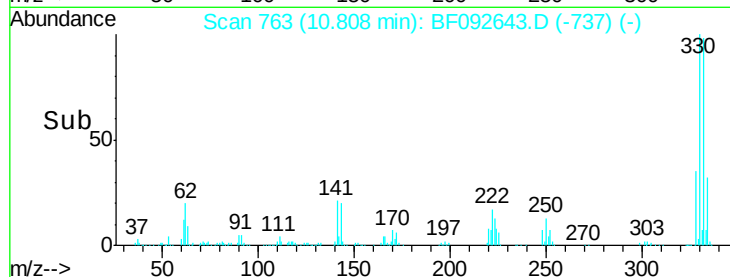
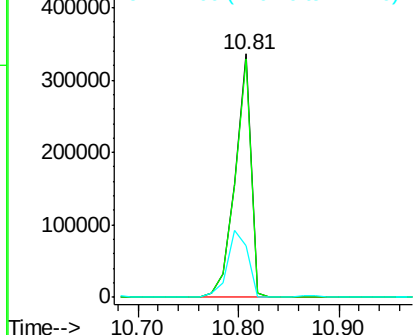
#41
 2,4,6-Tribromophenol
 Concen: 134.90 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Tgt Ion:330 Resp: 369164
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.4 116.2
 141 35.2 34.1 51.1

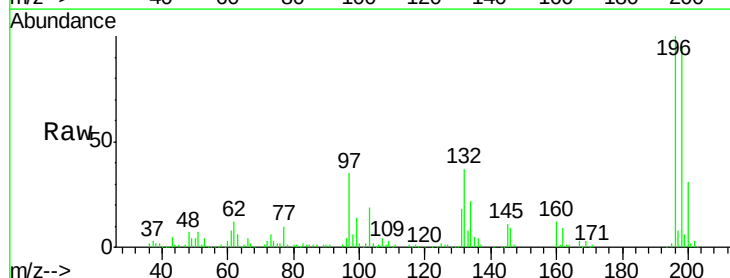


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

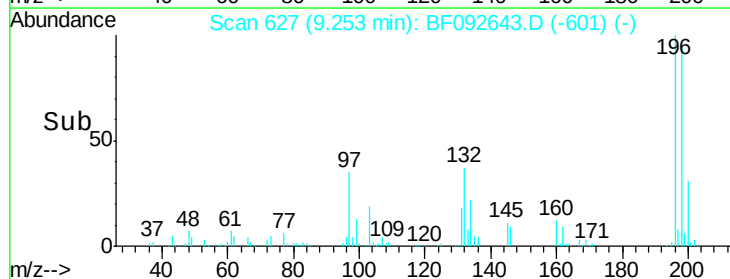
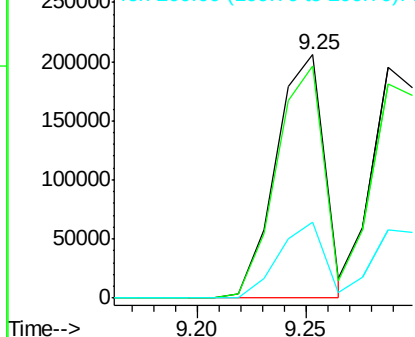


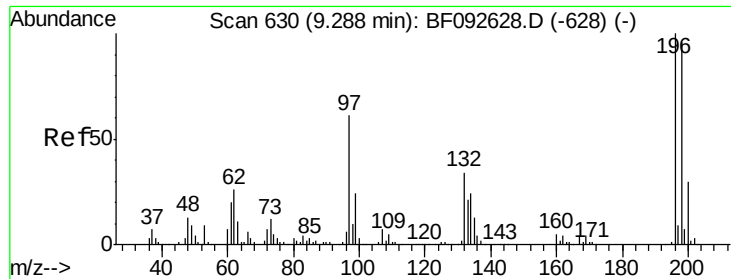
#42
 2,4,6-Trichlorophenol
 Concen: 45.32 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion:196 Resp: 316313
 Ion Ratio Lower Upper
 196 100
 198 95.4 82.1 123.1
 200 31.4 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

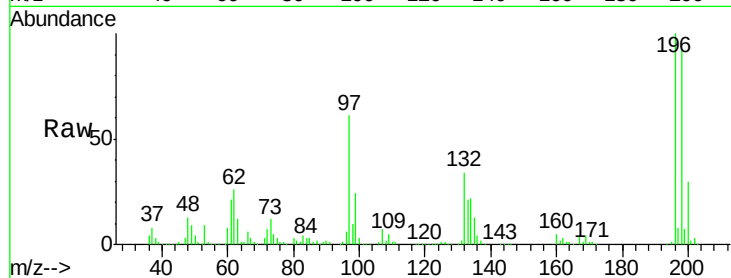




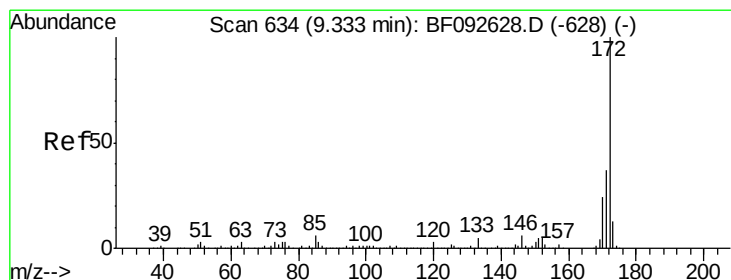
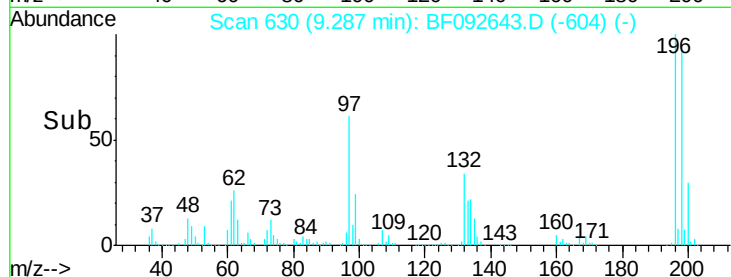
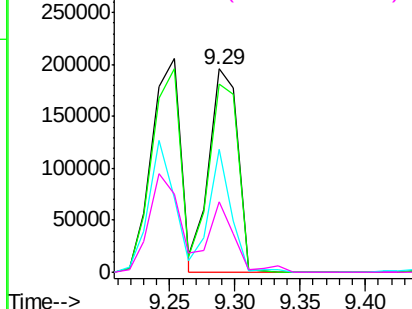
#43
 2,4,5-Trichlorophenol
 Concen: 39.37 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Tgt Ion:196 Resp: 301024
 Ion Ratio Lower Upper
 196 100
 198 92.8 79.4 119.2
 97 60.8 51.5 77.3
 132 34.4 27.4 41.2

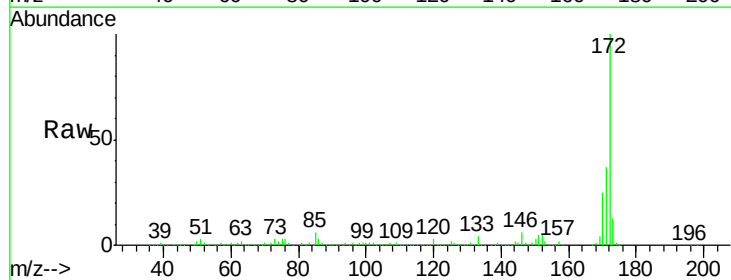


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

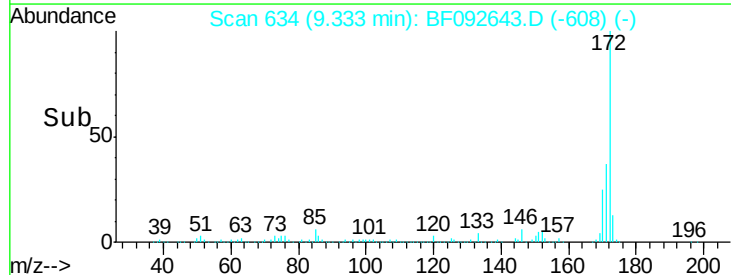
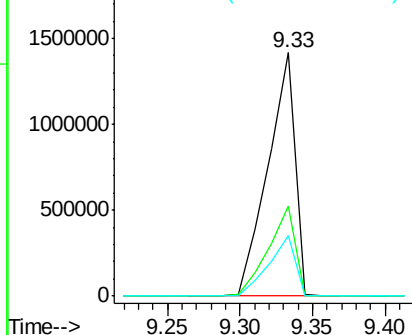


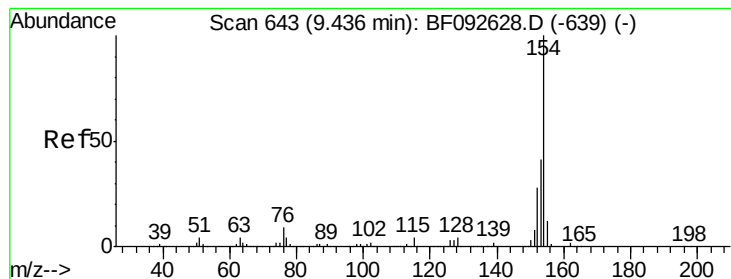
#44
 2-Fluorobiphenyl
 Concen: 88.49 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion:172 Resp: 1848070
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.6 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: 41.15 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

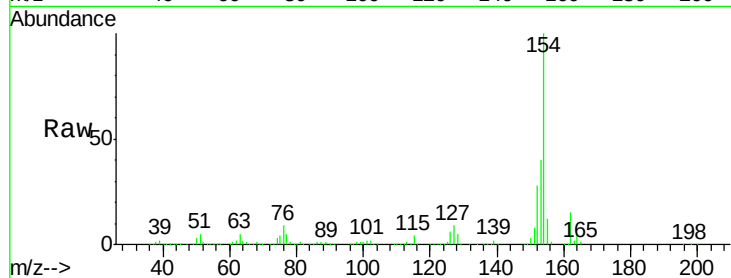
Tgt Ion:154 Resp: 1127475

Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

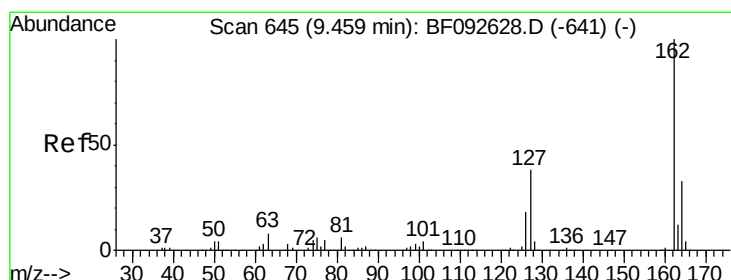
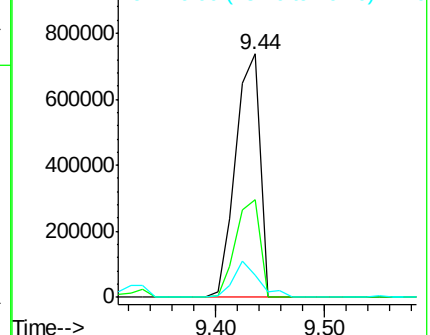
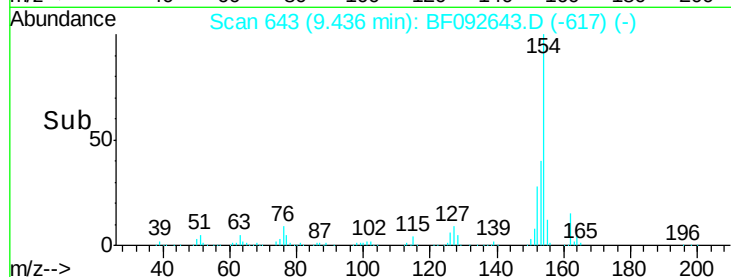
76 9.1 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.72 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

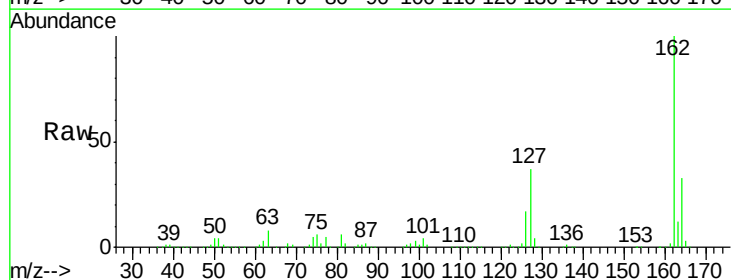
Tgt Ion:162 Resp: 894189

Ion Ratio Lower Upper

162 100

127 36.8 30.7 46.1

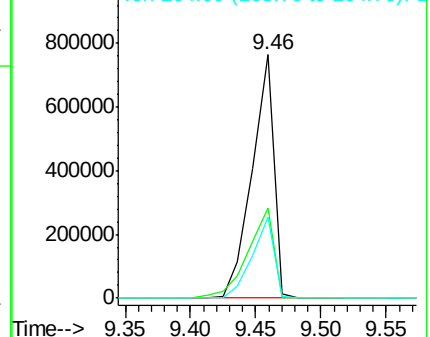
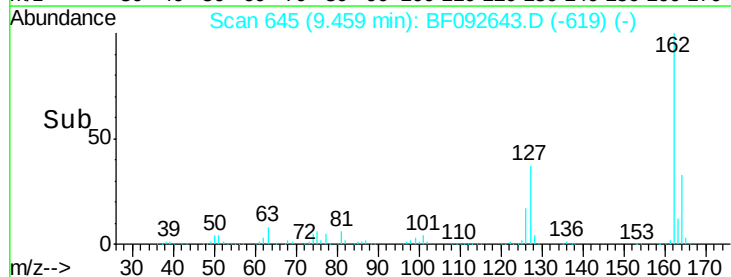
164 33.1 27.6 41.4

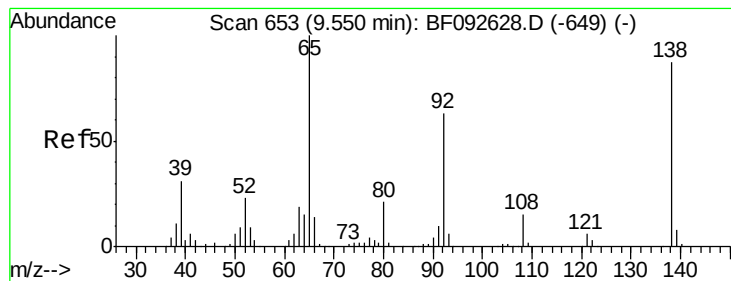


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.10 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

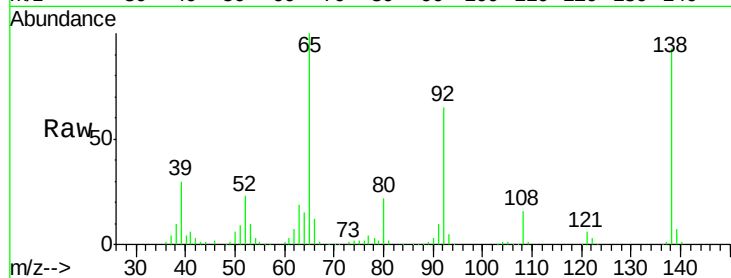
Tgt Ion: 65 Resp: 274545

Ion Ratio Lower Upper

65 100

92 65.2 53.9 80.9

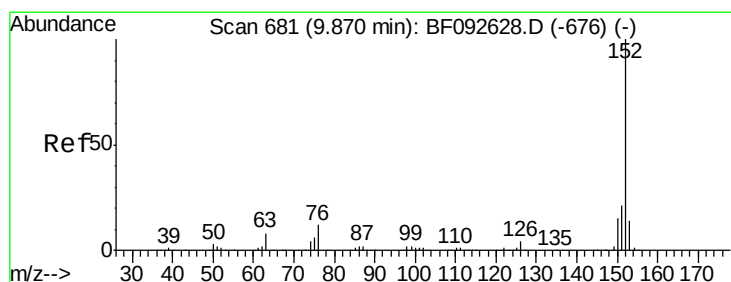
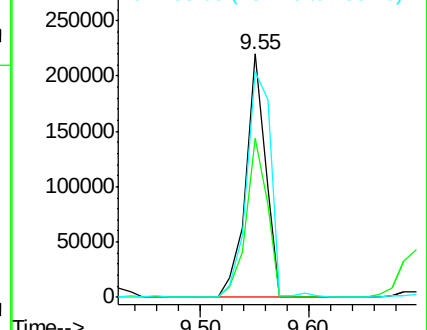
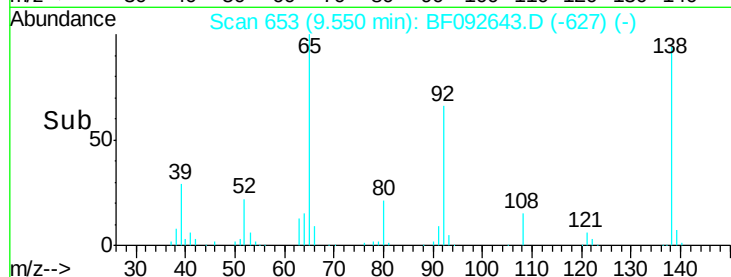
138 92.9 76.8 115.2



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: 36.10 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

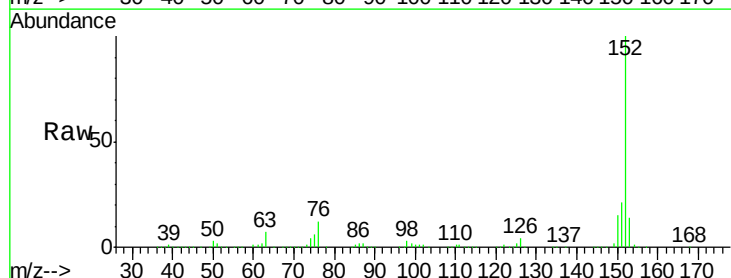
Tgt Ion: 152 Resp: 1336621

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

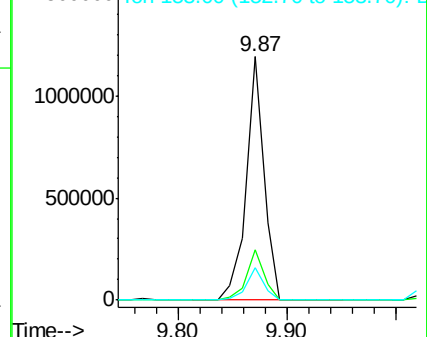
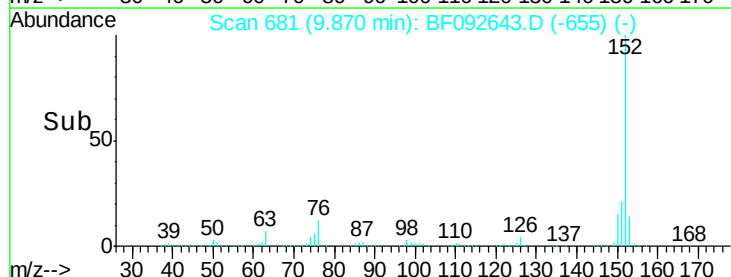
153 13.5 11.4 17.2

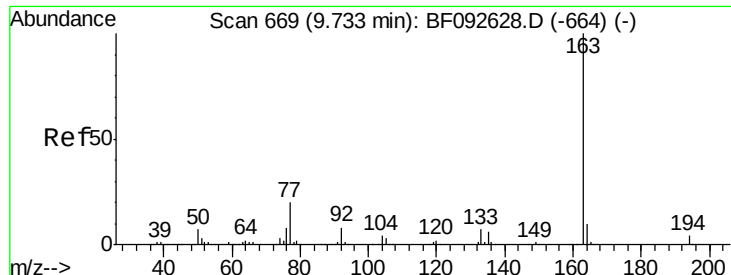


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

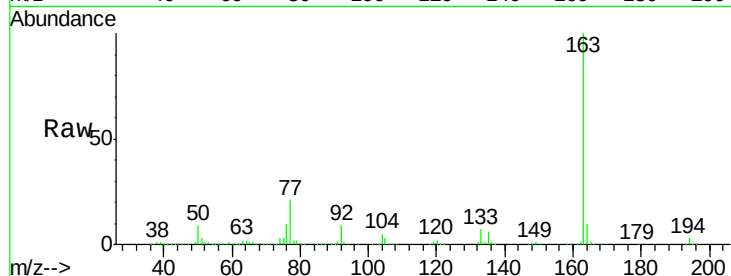




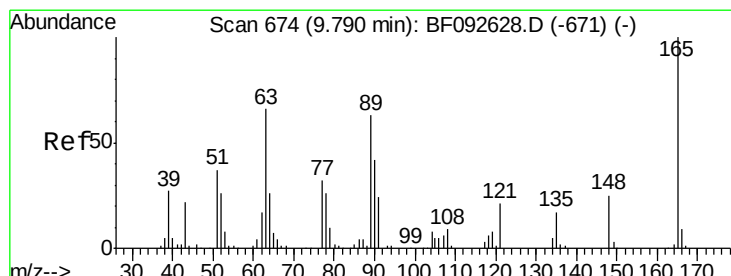
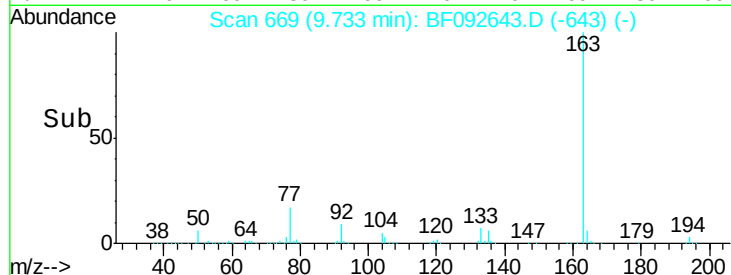
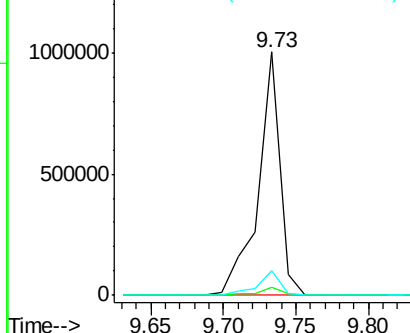
#49
Dimethylphthalate
Concen: 40.89 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tgt Ion:163 Resp: 1042067
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.0 8.0 12.0

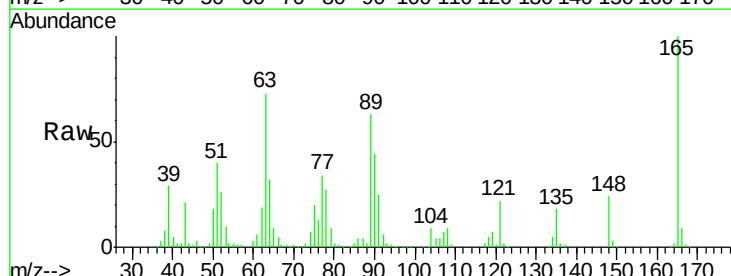


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

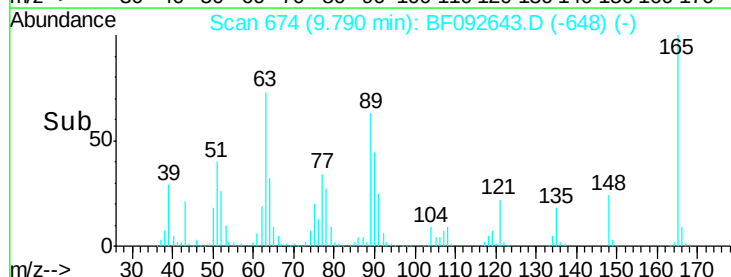
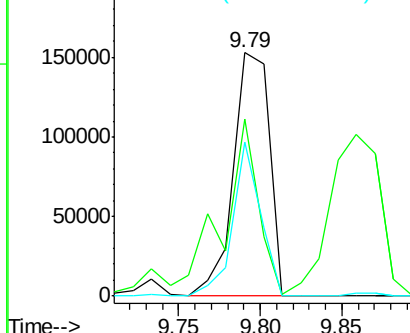


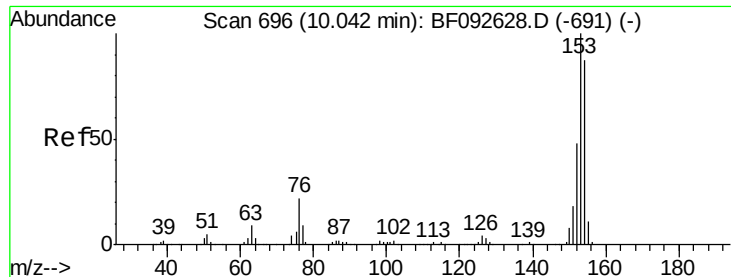
#50
2,6-Dinitrotoluene
Concen: 42.24 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion:165 Resp: 232473
Ion Ratio Lower Upper
165 100
63 72.6 36.2 54.4#
89 63.3 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: 40.83 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

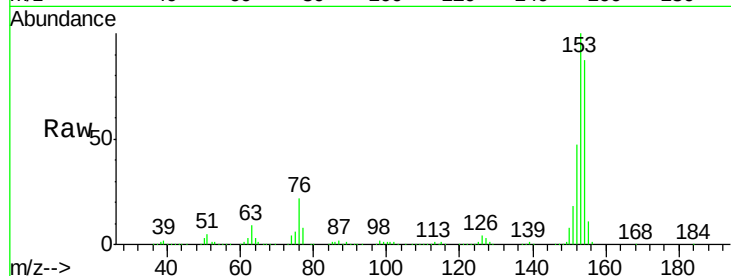
Tgt Ion:154 Resp: 903948

Ion Ratio Lower Upper

154 100

153 115.3 88.6 133.0

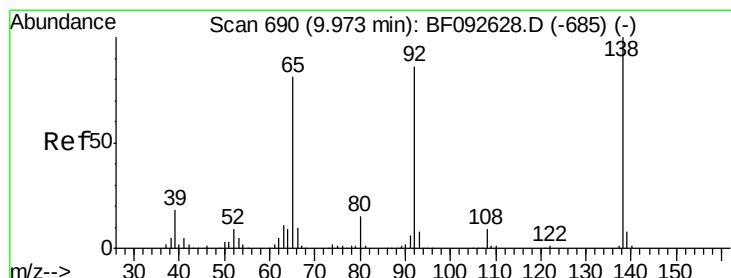
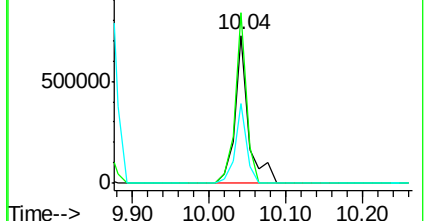
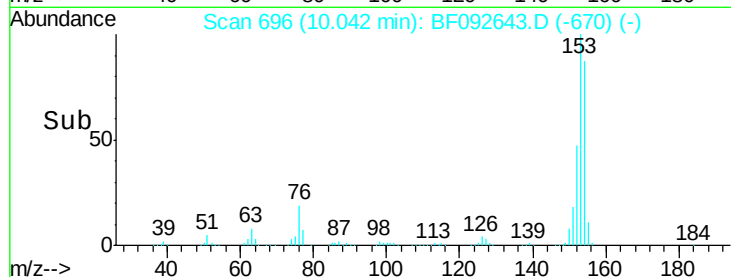
152 54.2 41.6 62.4



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: 22.08 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

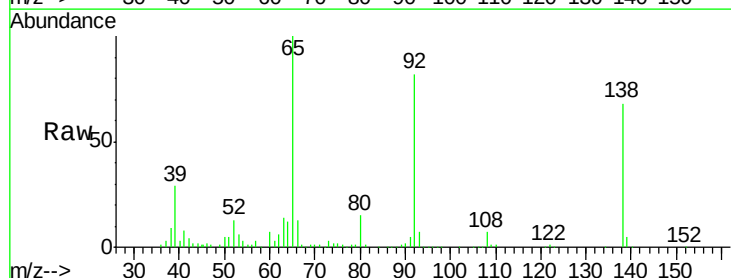
Tgt Ion:138 Resp: 139088

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

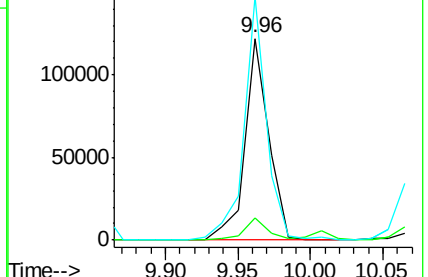
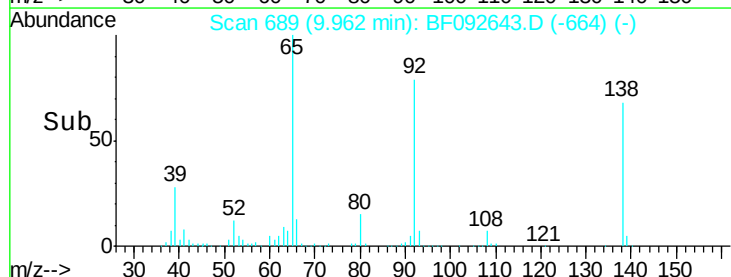
92 120.7 97.8 146.8

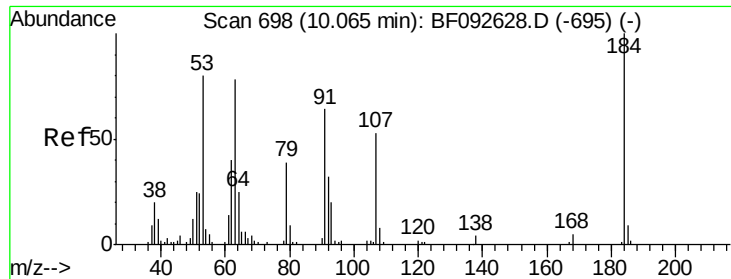


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

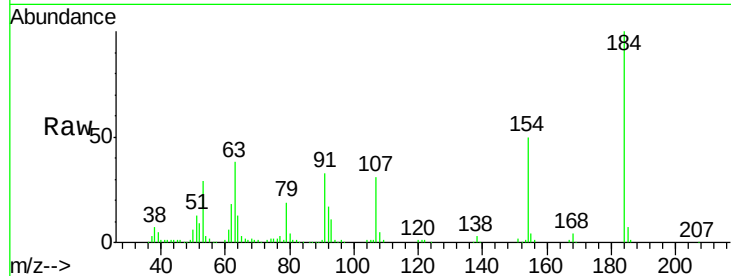




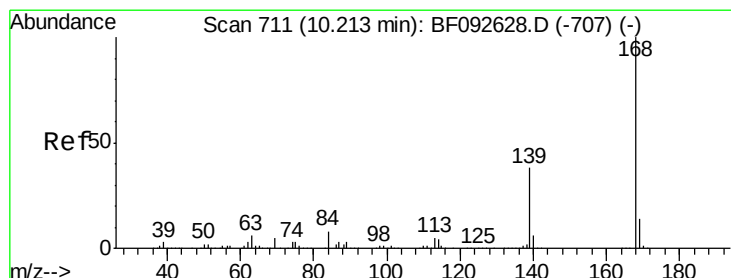
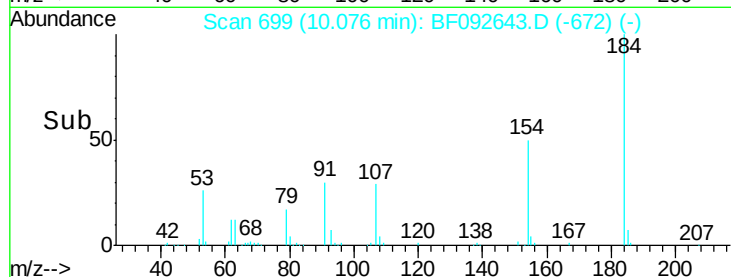
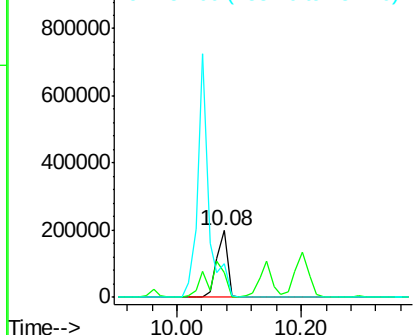
#53
2,4-Dinitrophenol
Concen: 85.52 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tgt Ion:184 Resp: 240405
Ion Ratio Lower Upper
184 100
63 37.6 28.4 42.6
154 50.1 44.3 66.5

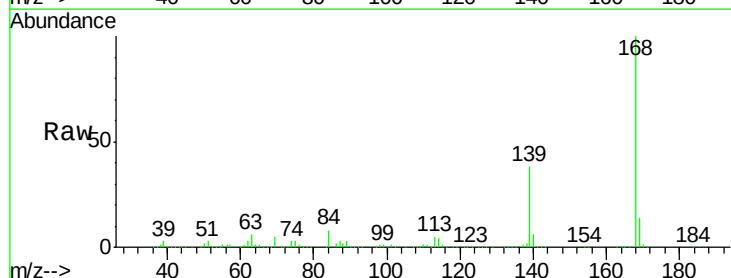


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

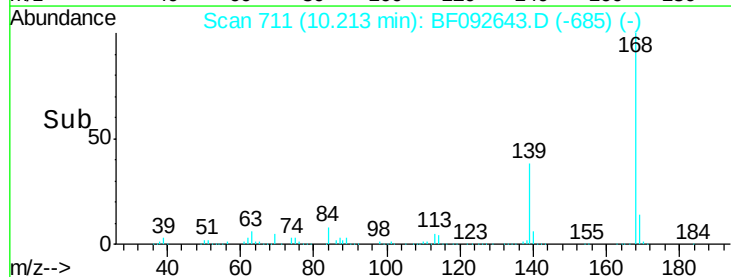
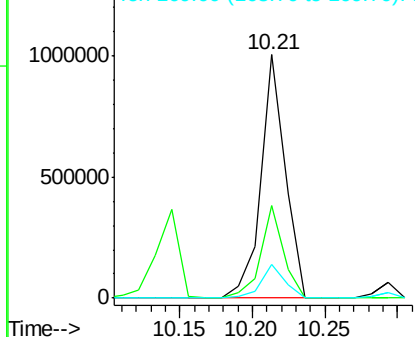


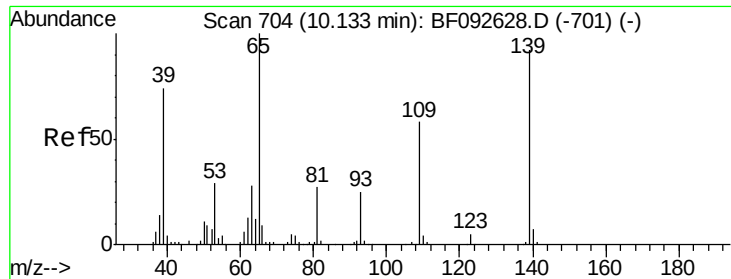
#54
Dibenzofuran
Concen: 39.43 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion:168 Resp: 1167312
Ion Ratio Lower Upper
168 100
139 38.1 32.6 49.0
169 13.8 11.3 16.9



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

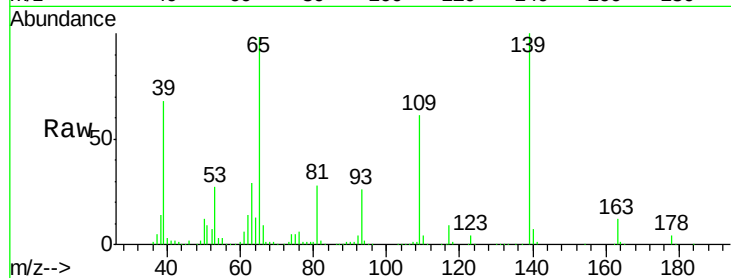




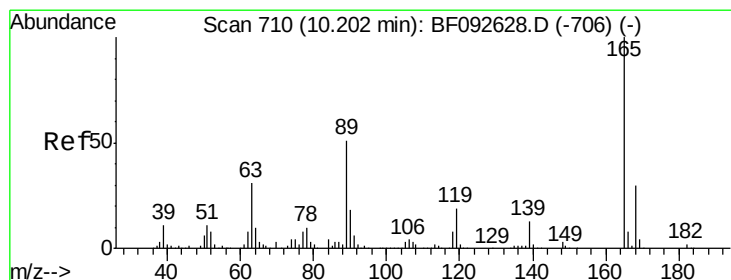
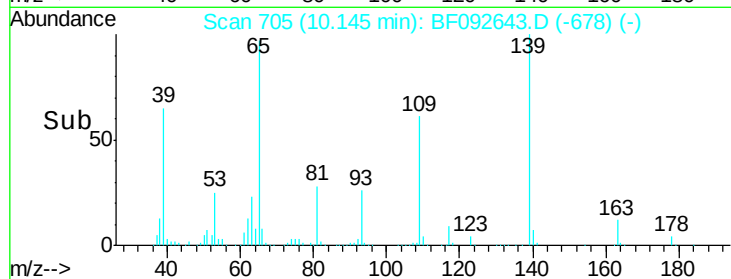
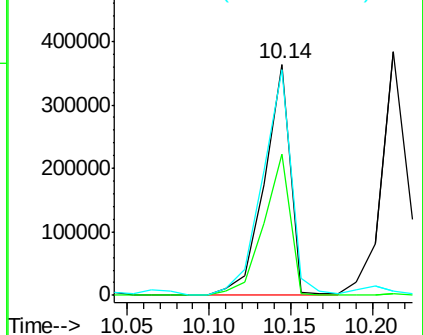
#55
4-Nitrophenol
Concen: 89.24 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tgt Ion:139 Resp: 404865
Ion Ratio Lower Upper
139 100
109 61.0 52.2 92.2
65 97.7 85.8 125.8

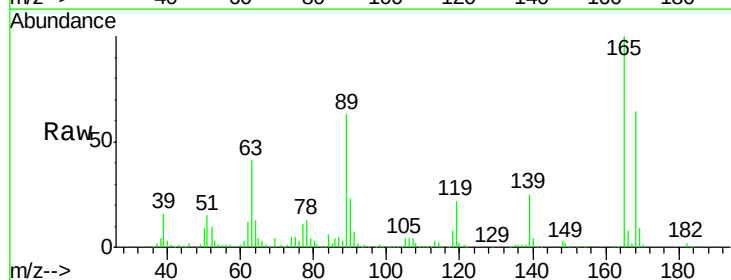


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

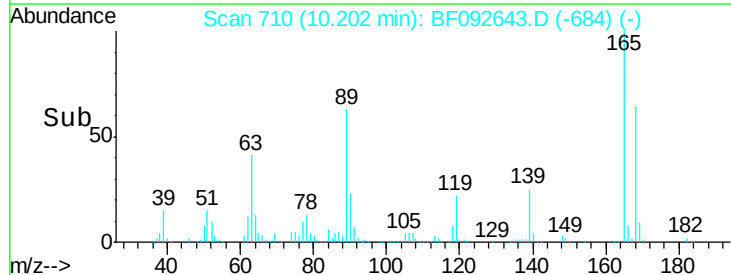
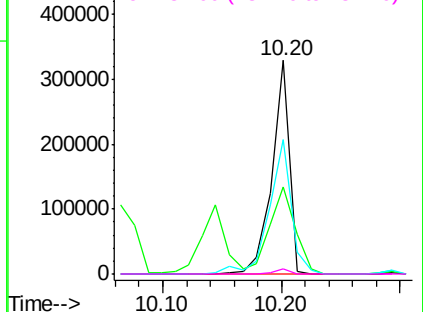


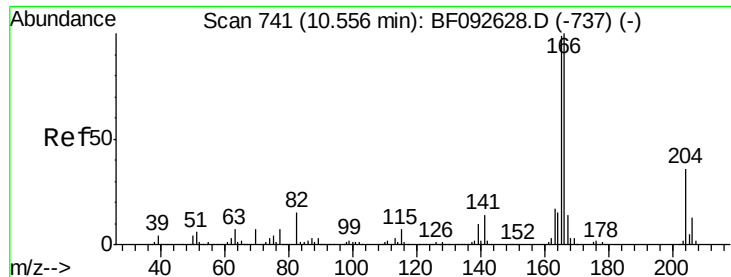
#56
2,4-Dinitrotoluene
Concen: 45.76 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion:165 Resp: 335339
Ion Ratio Lower Upper
165 100
63 40.7 40.2 60.4
89 63.2 62.5 93.7
182 2.3 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

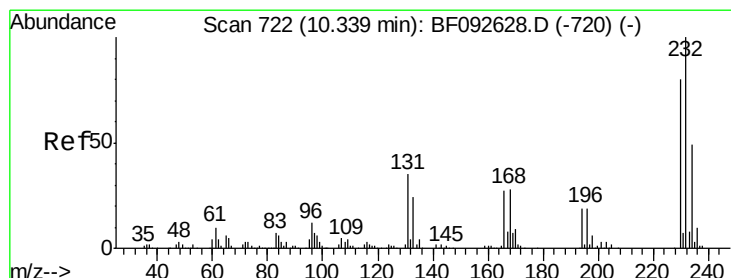
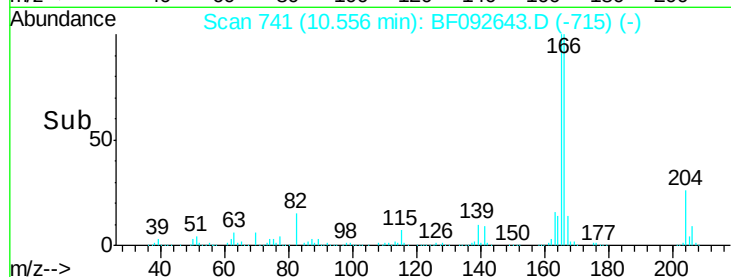
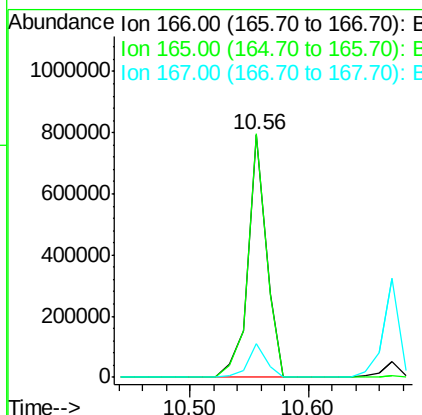
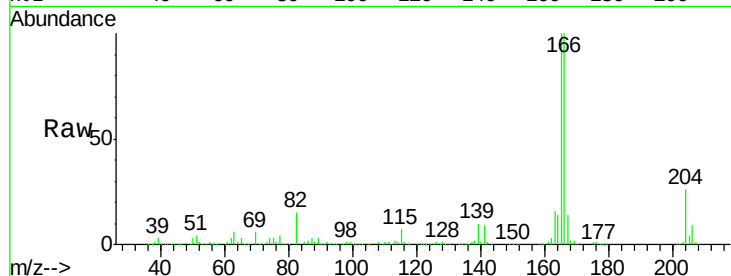




#57
 Fluorene
 Concen: 38.15 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

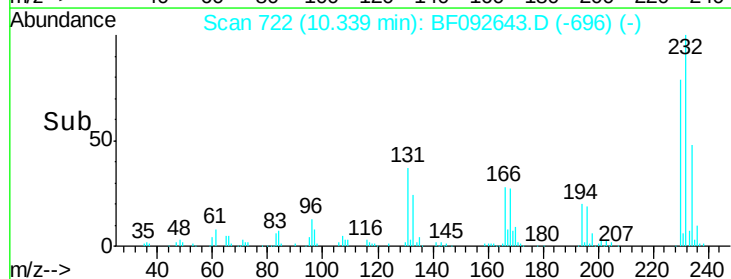
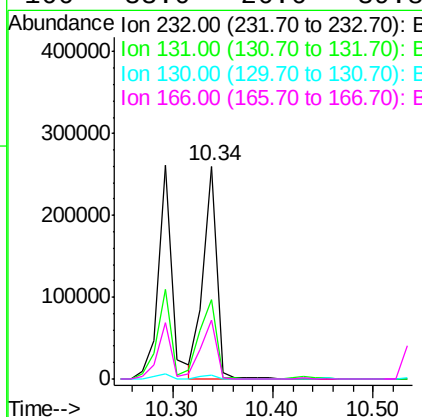
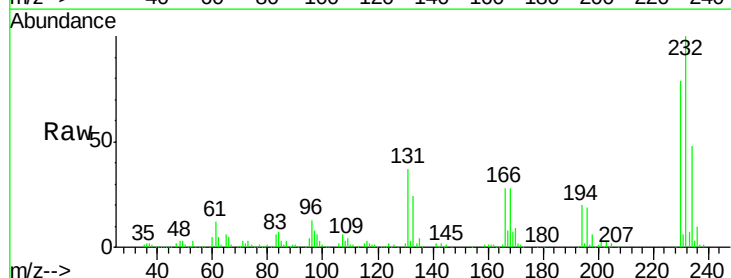
Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

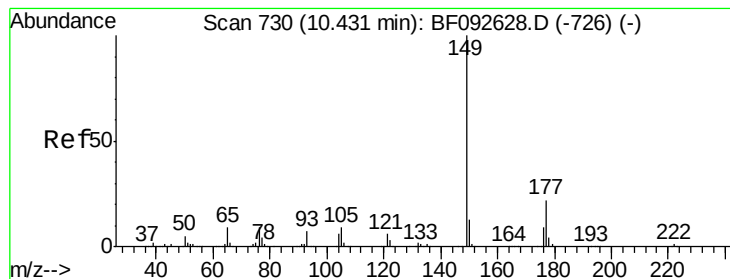
Tgt Ion:166 Resp: 868936
 Ion Ratio Lower Upper
 166 100
 165 100.2 77.8 116.8
 167 13.8 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.26 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion:232 Resp: 246158
 Ion Ratio Lower Upper
 232 100
 131 45.0 40.1 60.1
 130 2.3 1.8 2.8
 166 33.0 26.6 39.8





#59

Diethylphthalate

Concen: 41.51 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

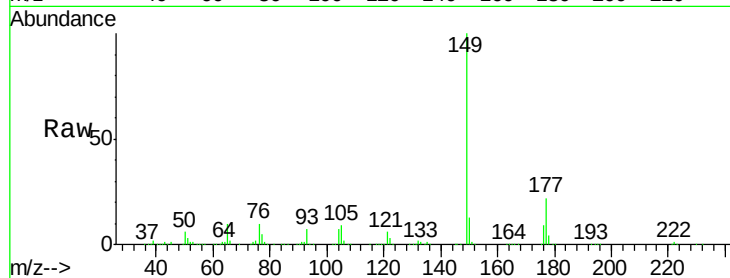
Tgt Ion:149 Resp: 996992

Ion Ratio Lower Upper

149 100

177 21.7 16.6 25.0

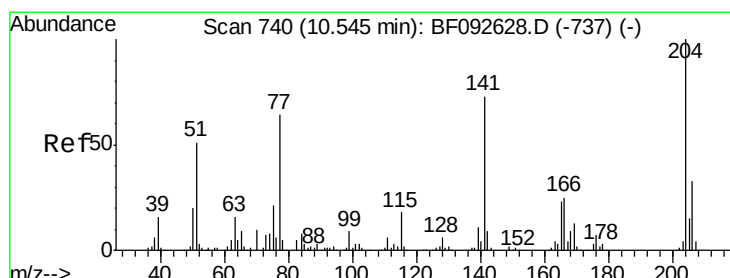
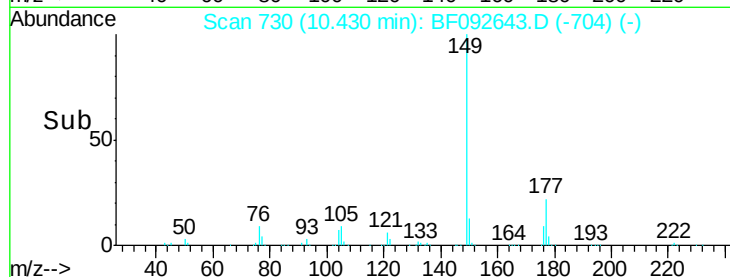
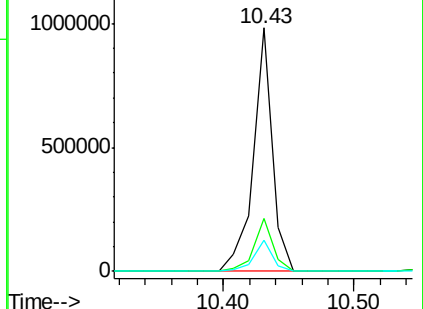
150 12.9 10.4 15.6



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: 37.36 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

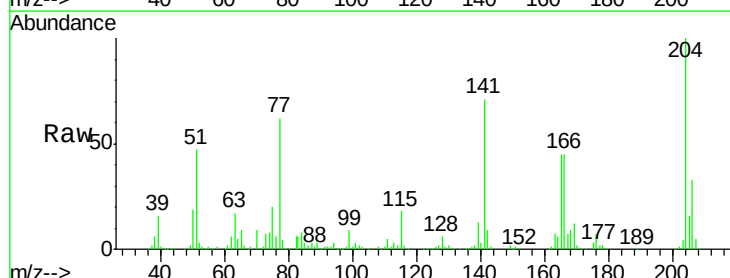
Tgt Ion:204 Resp: 408817

Ion Ratio Lower Upper

204 100

206 33.3 25.8 38.6

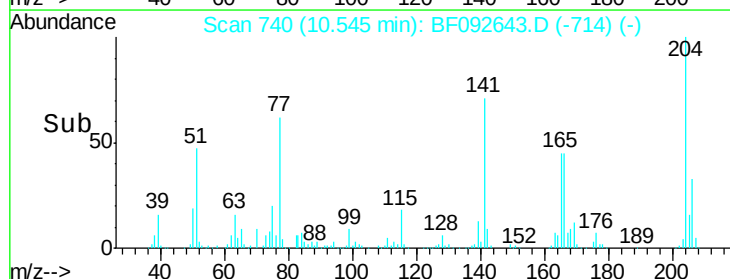
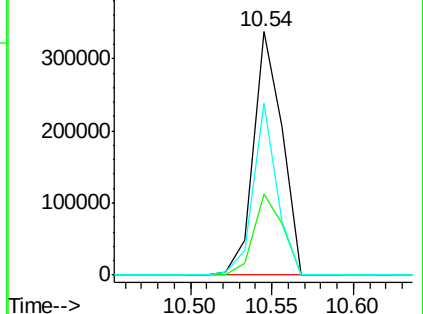
141 70.8 59.4 89.0

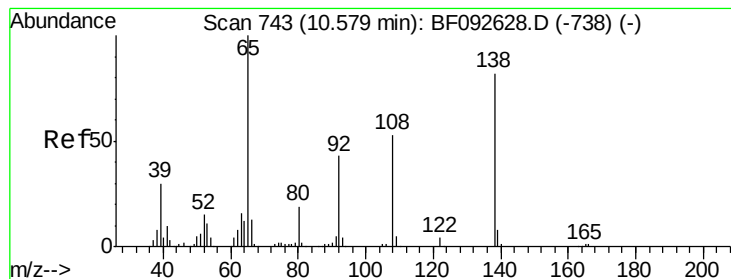


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.68 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

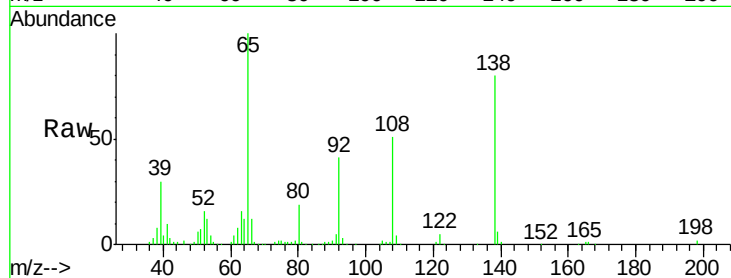
Tgt Ion:138 Resp: 249545

Ion Ratio Lower Upper

138 100

92 51.8 31.7 71.7

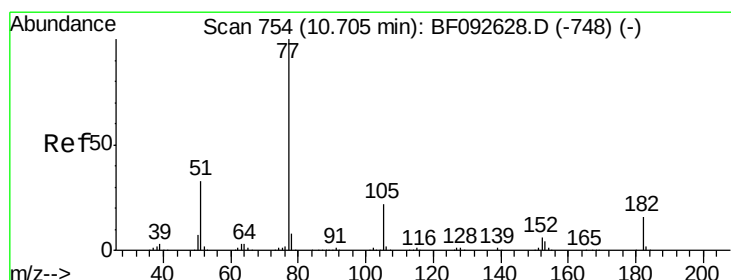
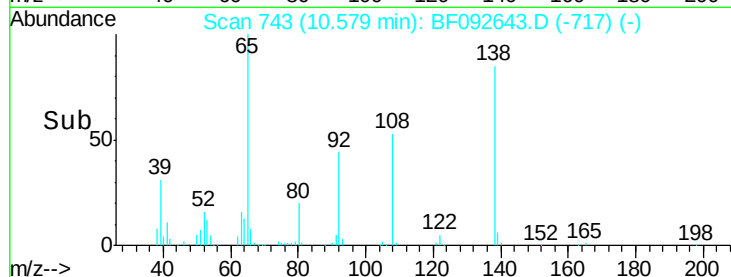
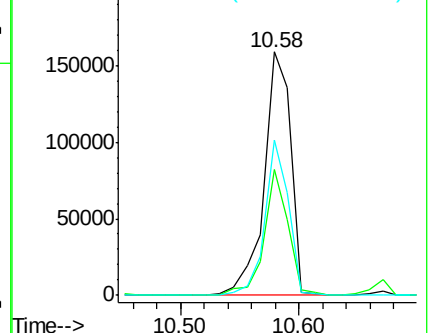
108 63.9 52.6 92.6



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: 44.02 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Tgt Ion: 77 Resp: 1092306

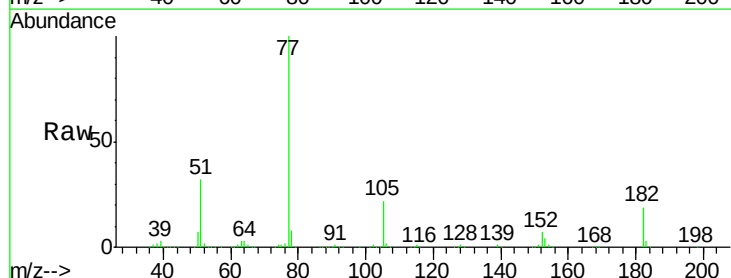
Ion Ratio Lower Upper

77 100

182 18.8 0.0 39.3

105 22.4 2.3 42.3

51 32.4 8.9 48.9

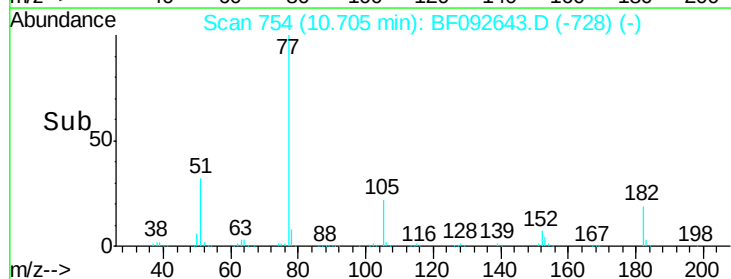
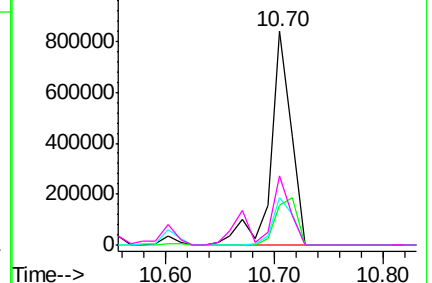


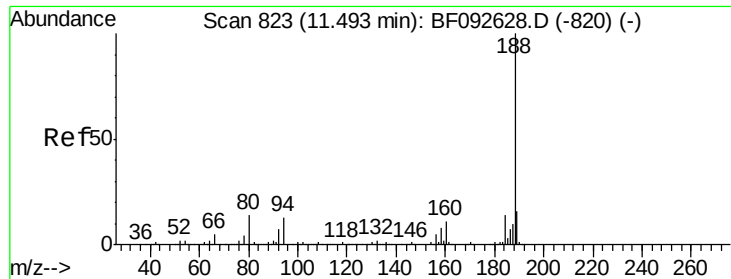
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

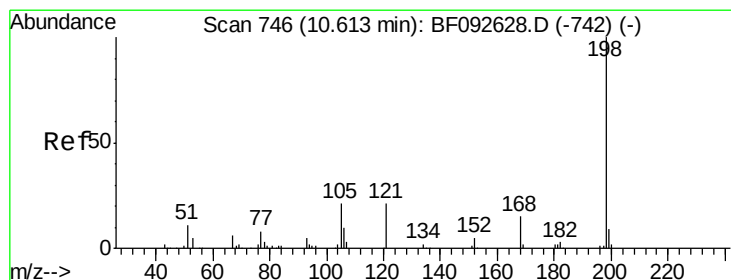
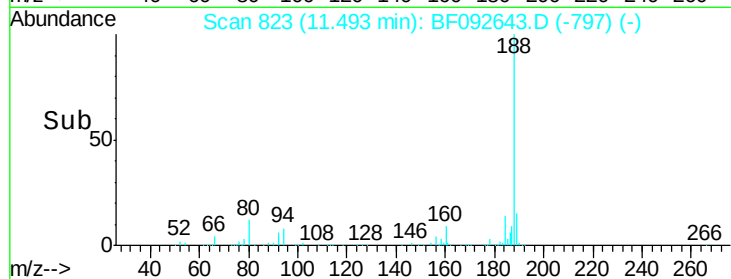
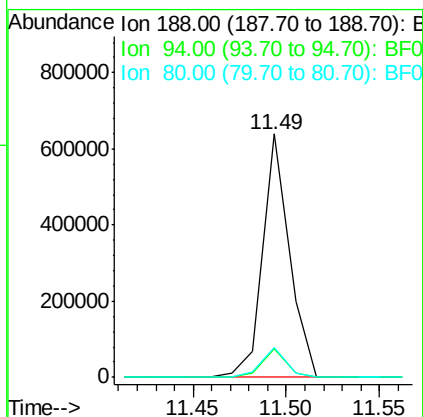
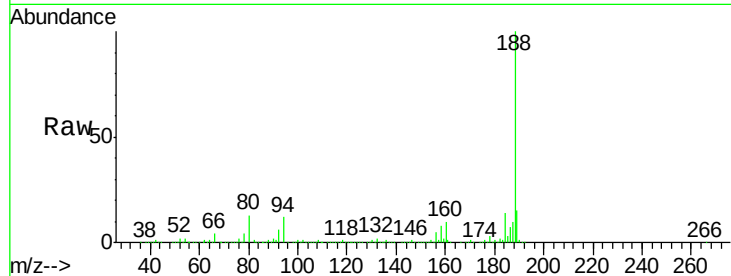




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

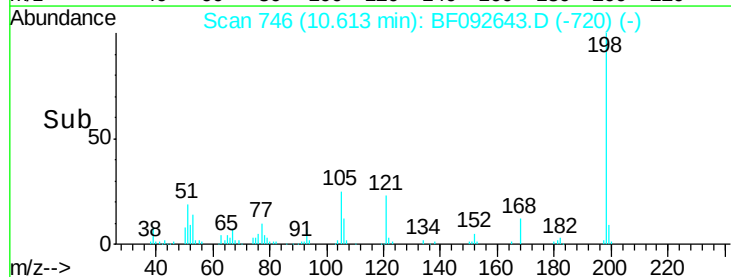
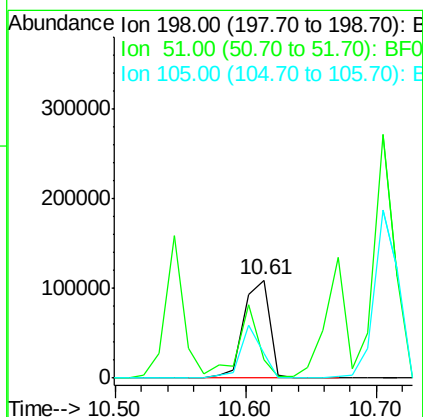
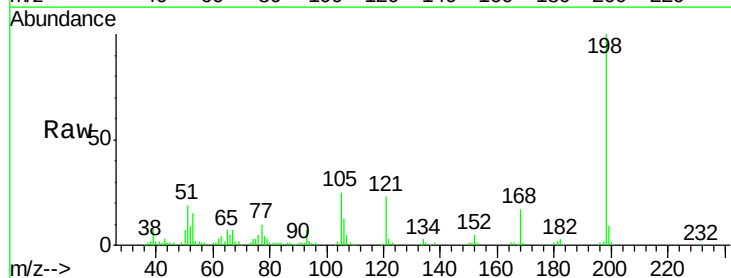
Instrument :
BNA_F
ClientSampleId :
PB96532BS

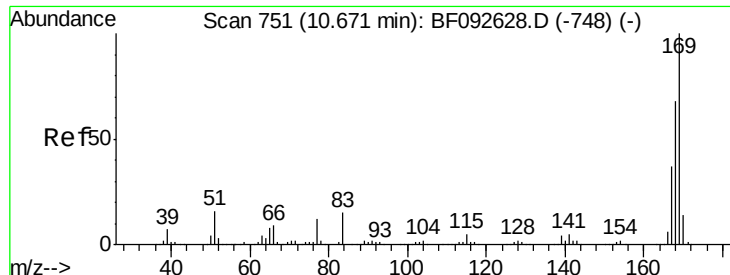
Tgt Ion:188 Resp: 630052
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 12.5 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 39.99 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion:198 Resp: 151534
Ion Ratio Lower Upper
198 100
51 19.1 6.7 46.7
105 24.7 16.6 56.6

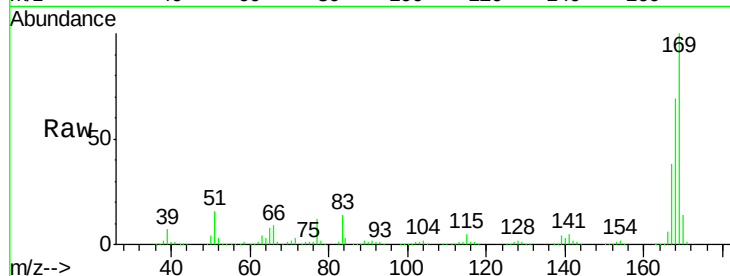




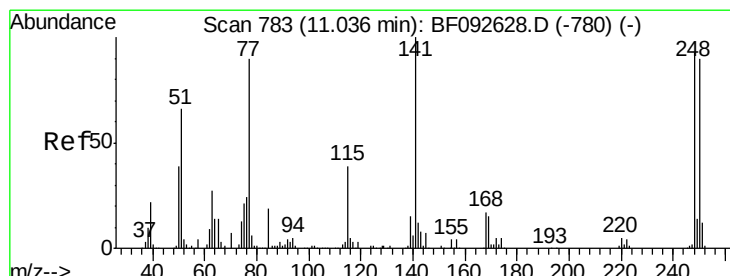
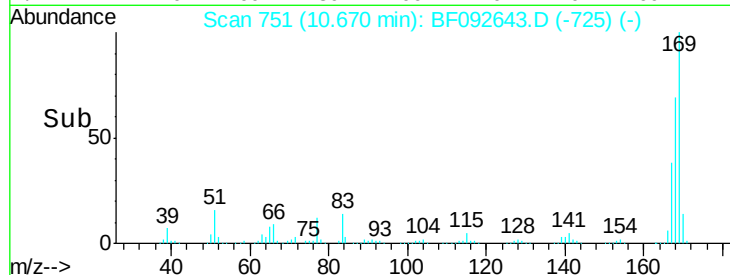
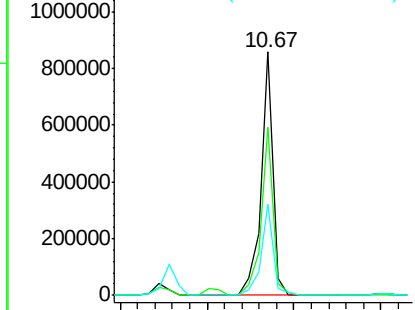
#65
n-Nitrosodiphenylamine
Concen: 41.09 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tgt Ion:169 Resp: 827075
Ion Ratio Lower Upper
169 100
168 69.0 54.2 81.2
167 37.6 30.2 45.4

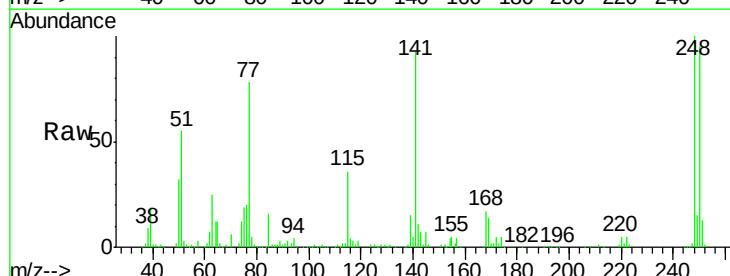


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

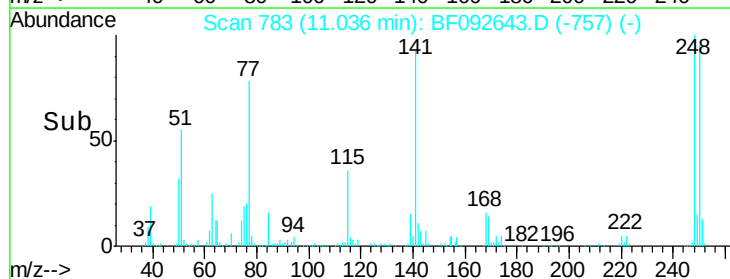
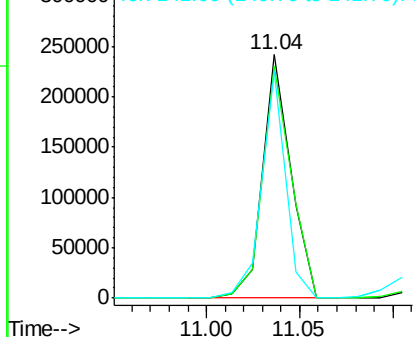


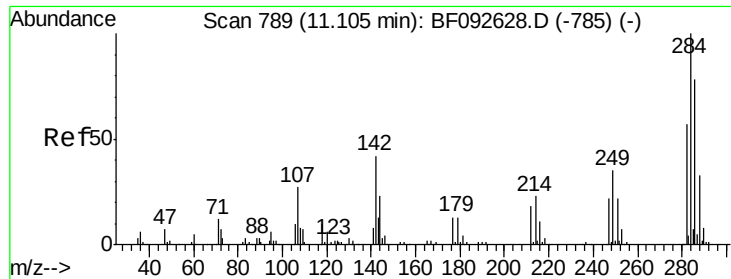
#66
4-Bromophenyl-phenylether
Concen: 38.30 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion:248 Resp: 252088
Ion Ratio Lower Upper
248 100
250 95.1 76.9 115.3
141 93.0 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: 40.55 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

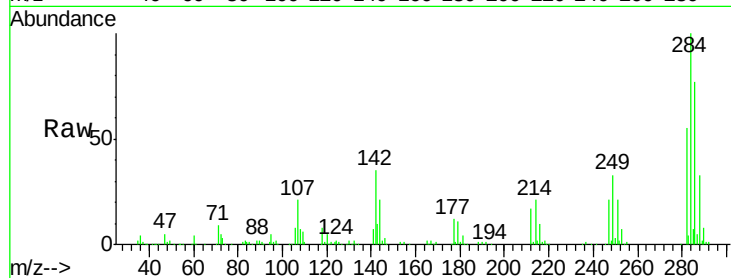
Tgt Ion:284 Resp: 263783

Ion Ratio Lower Upper

284 100

142 34.8 22.6 33.8#

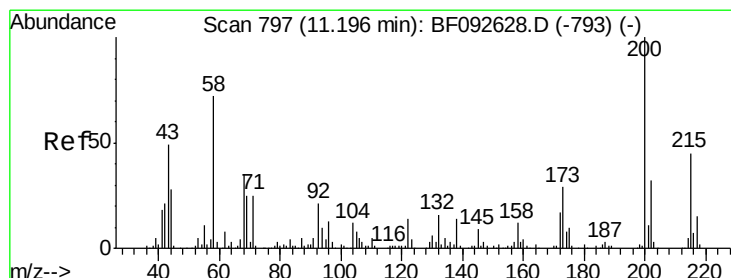
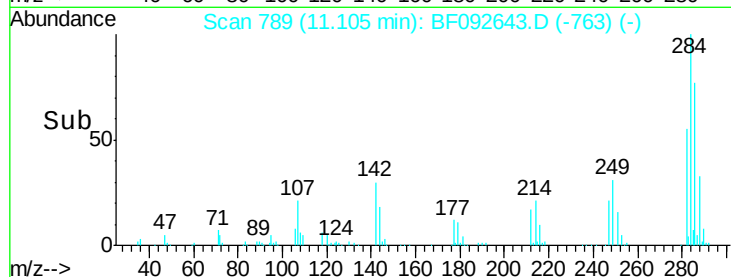
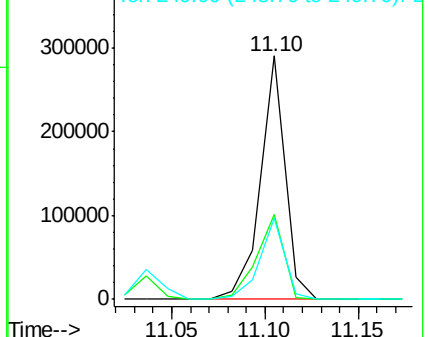
249 33.2 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.61 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

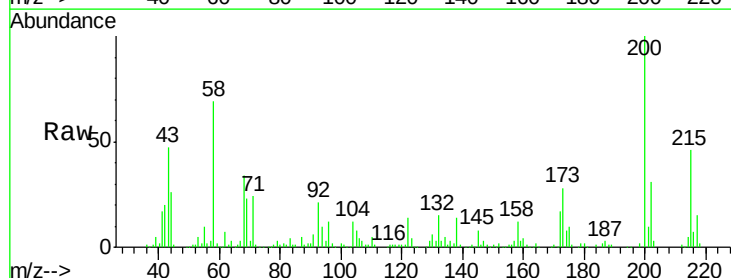
Tgt Ion:200 Resp: 242953

Ion Ratio Lower Upper

200 100

173 28.4 9.6 49.6

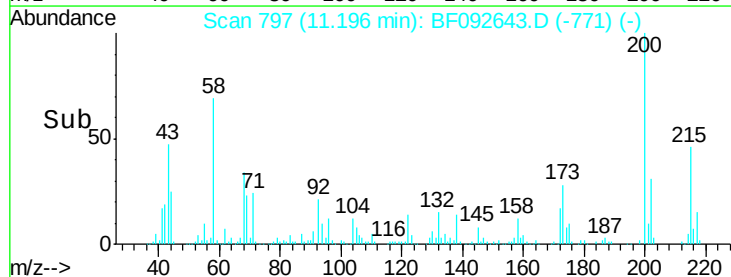
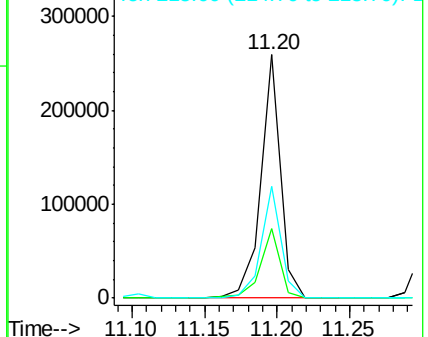
215 45.9 25.7 65.7

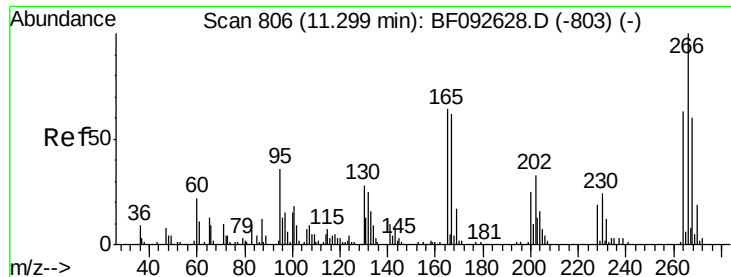


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

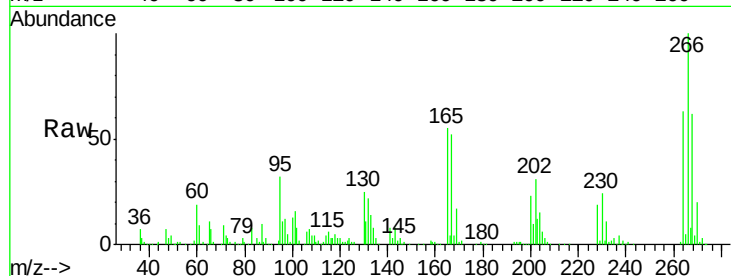




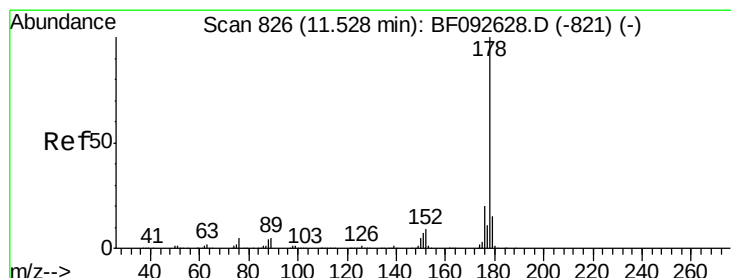
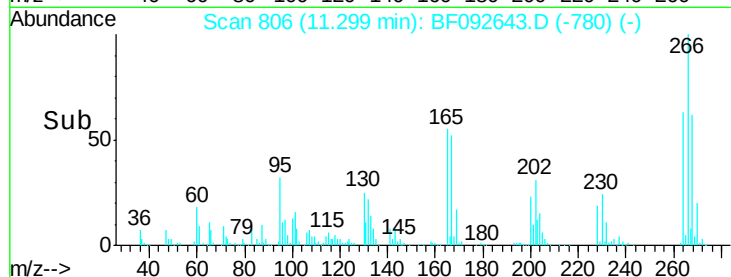
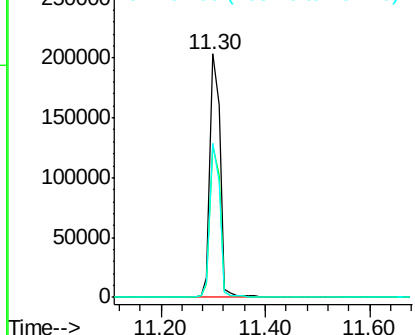
#69
 Pentachlorophenol
 Concen: 82.16 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Tgt Ion: 266 Resp: 276602
 Ion Ratio Lower Upper
 266 100
 268 62.1 53.3 79.9
 264 63.2 50.3 75.5

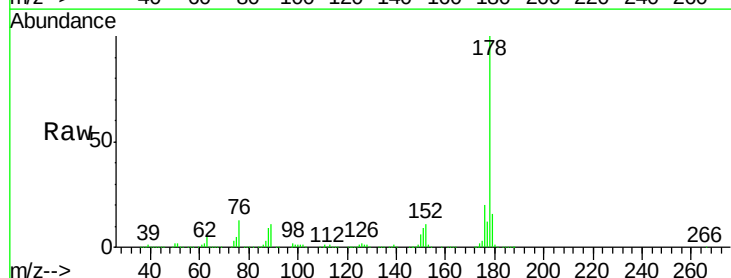


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

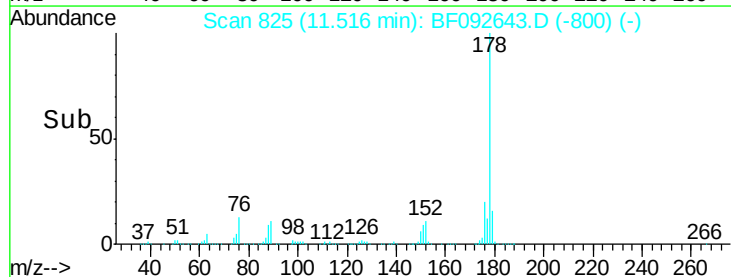
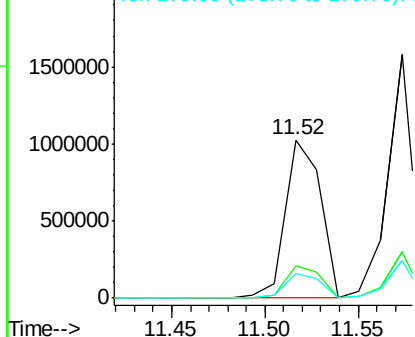


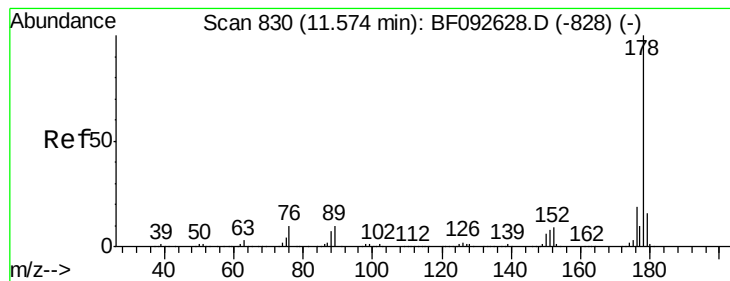
#70
 Phenanthrene
 Concen: 37.63 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion: 178 Resp: 1358335
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.9 12.8 19.2



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





#71

Anthracene

Concen: 39.74 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

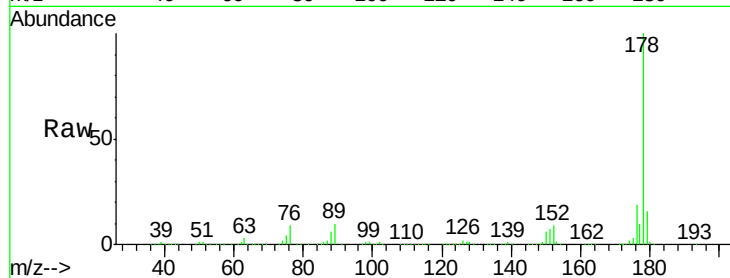
Tgt Ion:178 Resp: 1440725

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

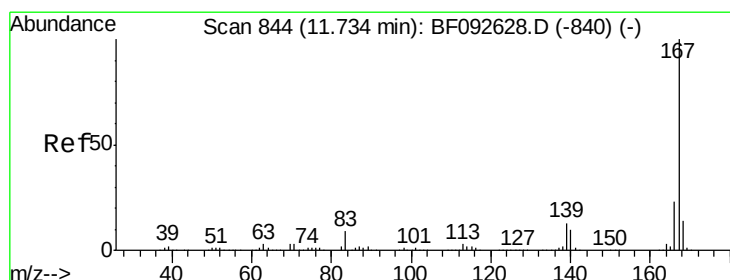
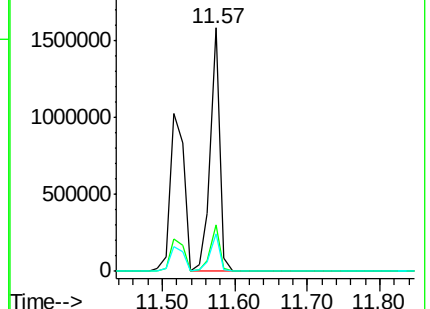
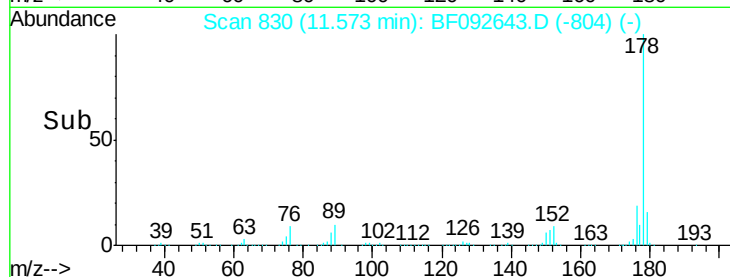
179 15.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.87 ng

RT: 11.73 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

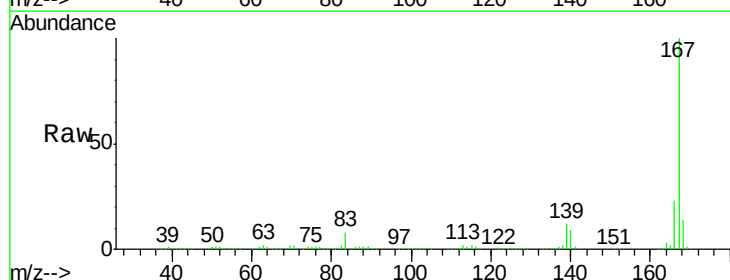
Tgt Ion:167 Resp: 1381417

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

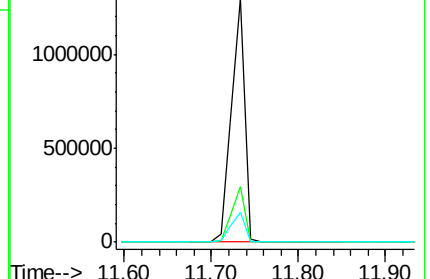
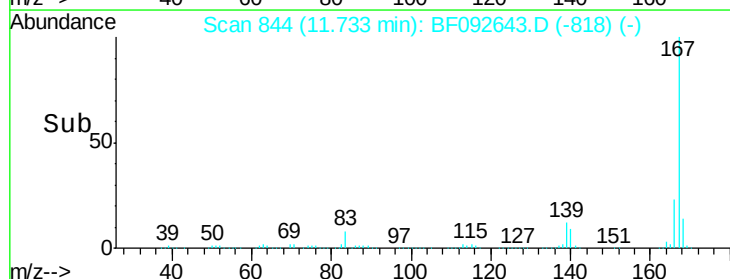
139 12.5 11.4 17.2

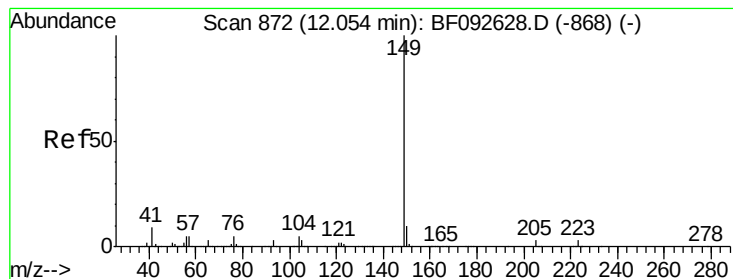


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.24 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

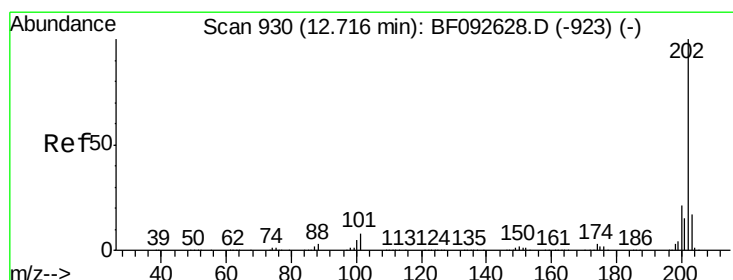
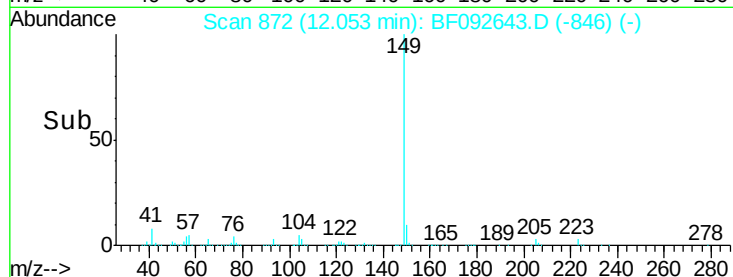
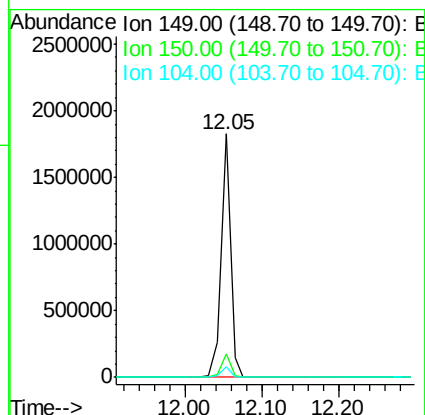
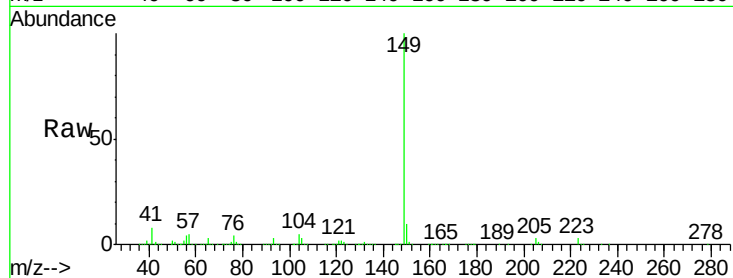
Tgt Ion:149 Resp: 1545384

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

104 4.6 4.6 7.0#



#74

Fluoranthene

Concen: 36.10 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

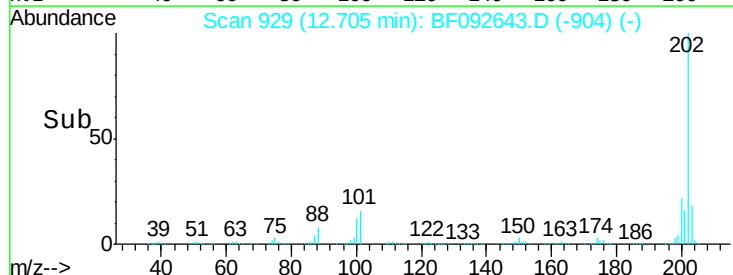
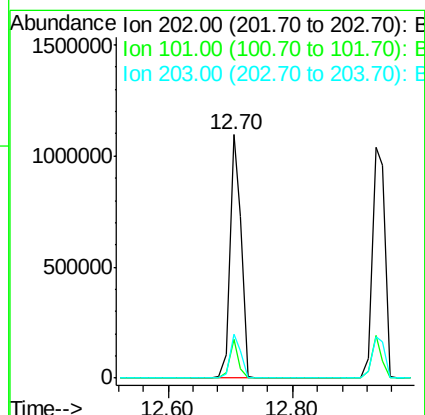
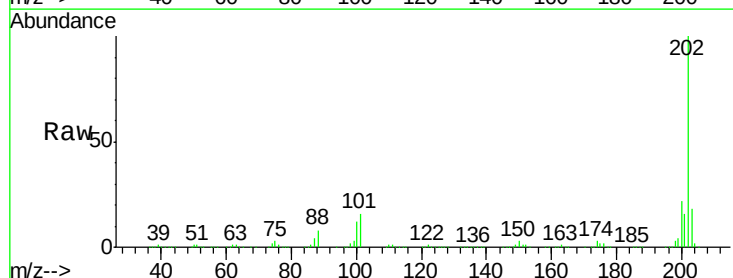
Tgt Ion:202 Resp: 1344022

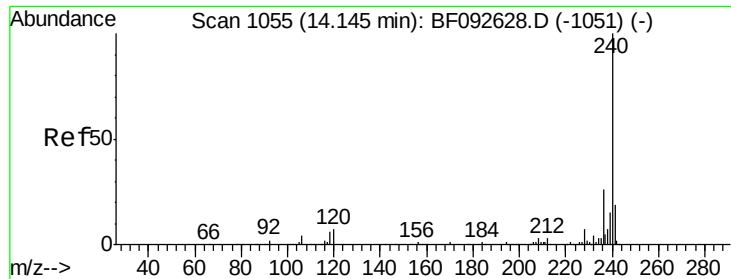
Ion Ratio Lower Upper

202 100

101 16.1 0.0 34.6

203 18.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

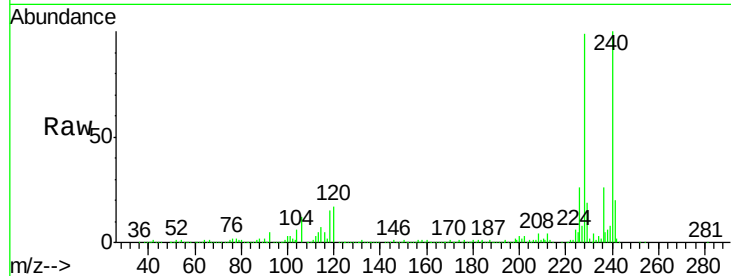
Tgt Ion:240 Resp: 465845

Ion Ratio Lower Upper

240 100

120 17.2 12.9 19.3

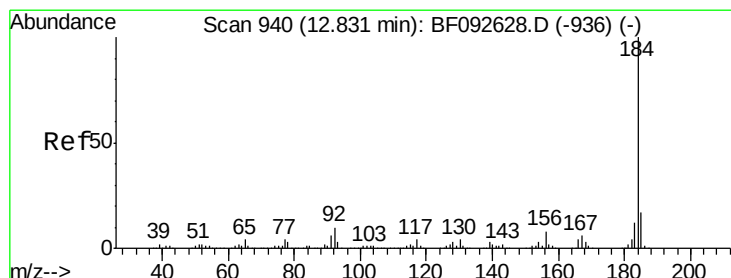
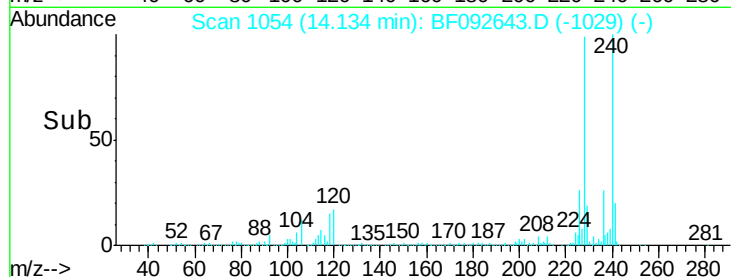
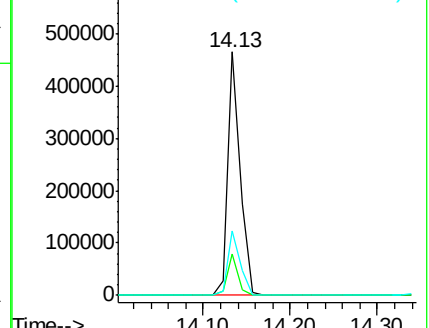
236 26.3 20.9 31.3



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: 13.62 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

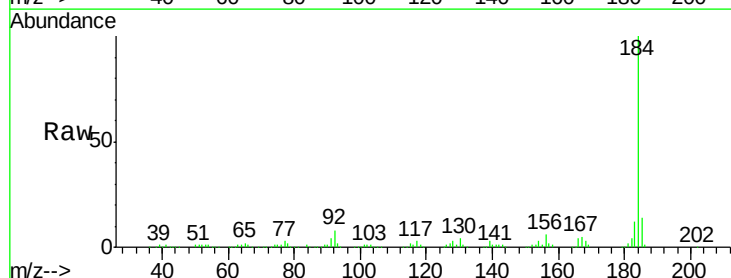
Tgt Ion:184 Resp: 270396

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

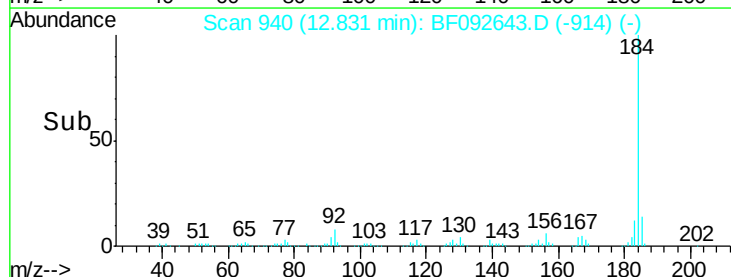
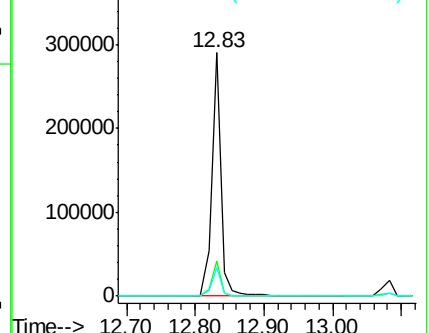
183 12.0 9.2 13.8

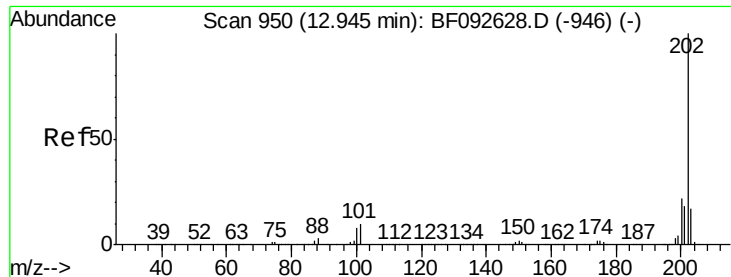


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



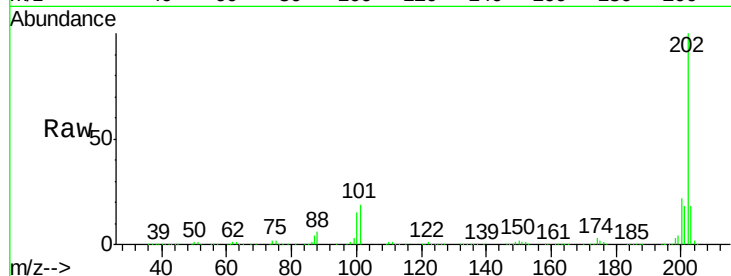


#77
Pyrene
 Concen: 41.42 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

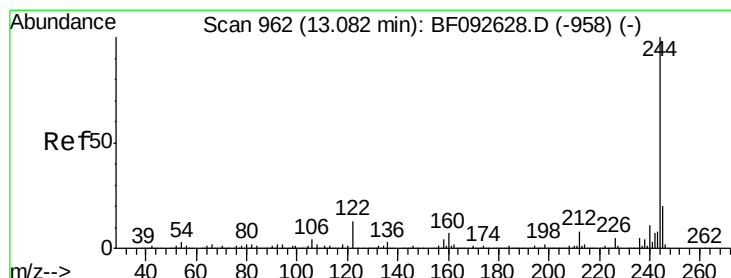
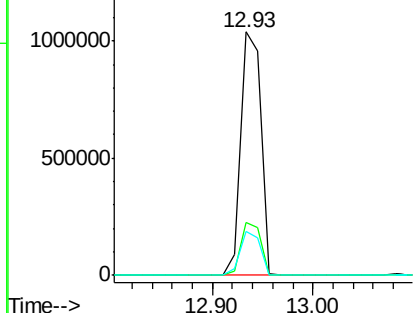
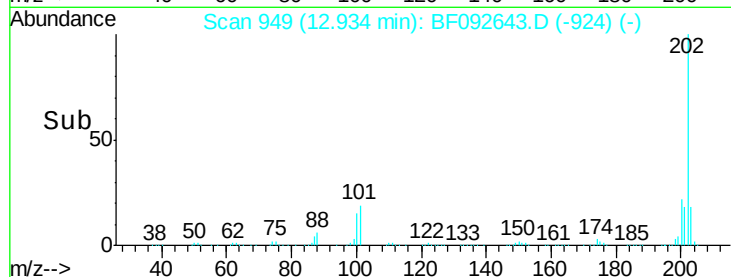
Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Tgt Ion:202 Resp: 1443836

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.9	14.7	22.1



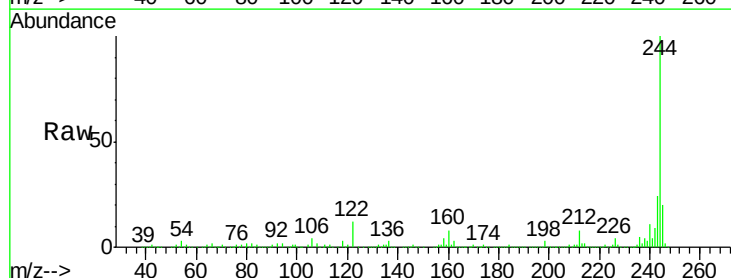
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



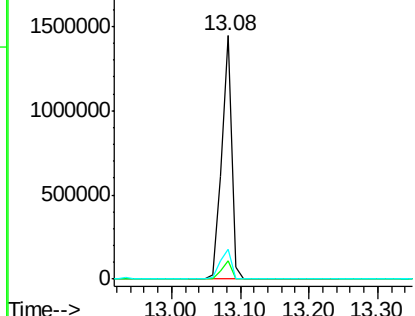
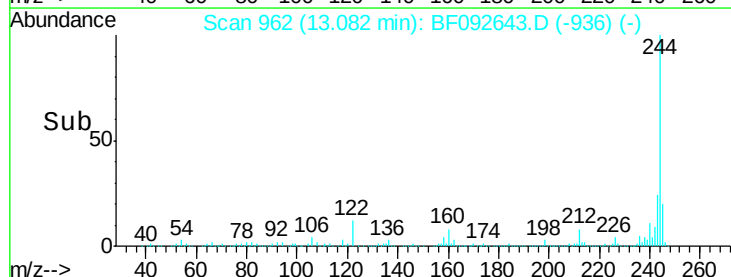
#78
Terphenyl-d14
 Concen: 74.86 ng
 RT: 13.08 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

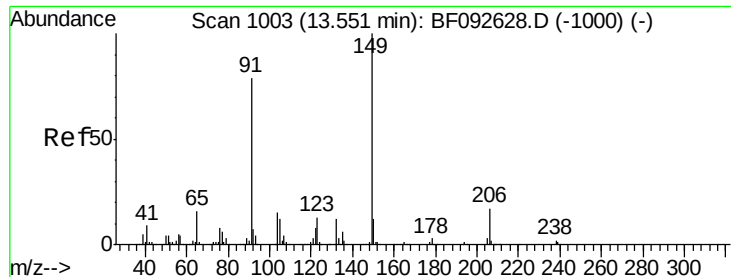
Tgt Ion:244 Resp: 1484088

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.3	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: 43.22 ng

RT: 13.55 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

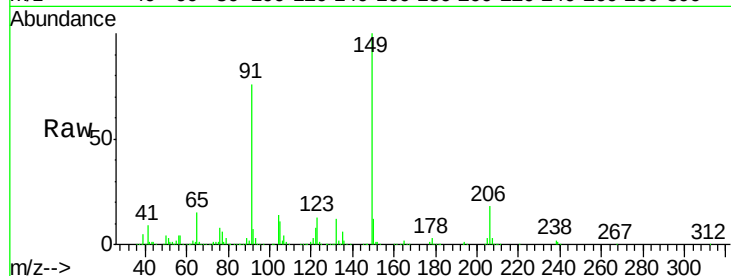
Tgt Ion:149 Resp: 611934

Ion Ratio Lower Upper

149 100

91 76.5 63.9 95.9

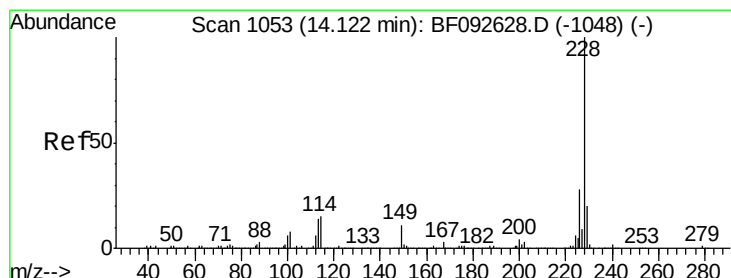
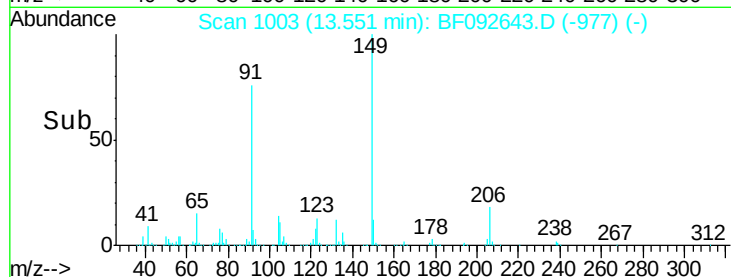
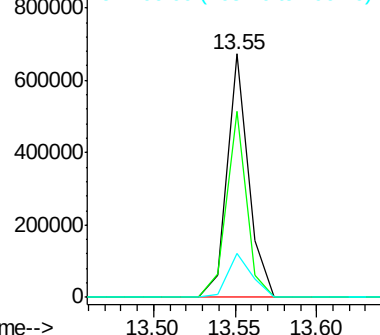
206 18.0 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.55 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

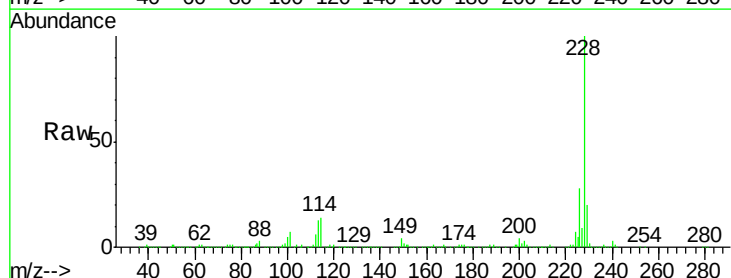
Tgt Ion:228 Resp: 1098500

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

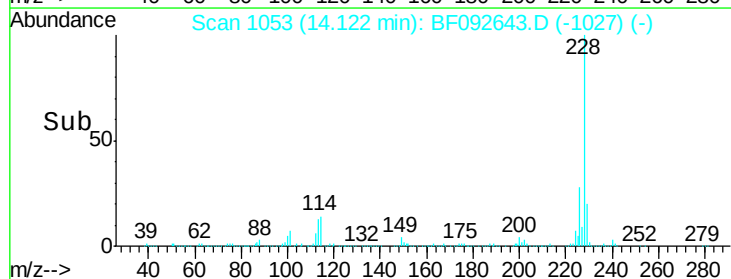
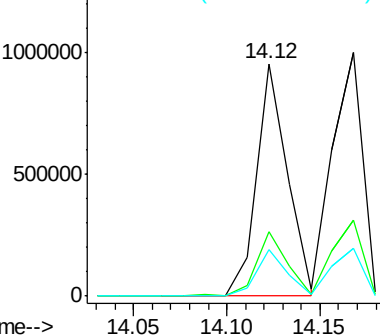
229 19.9 16.2 24.4

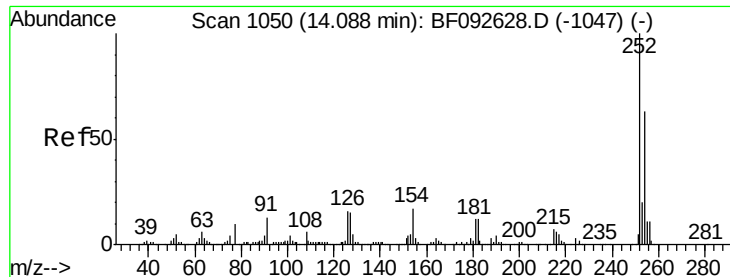


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

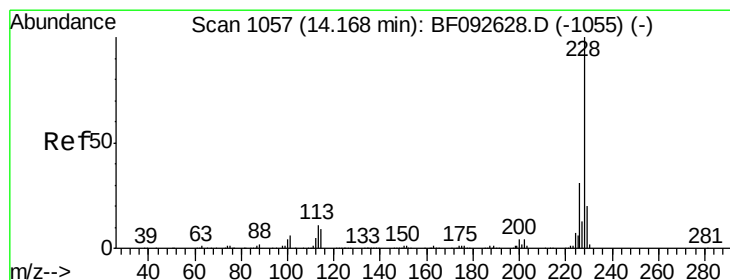
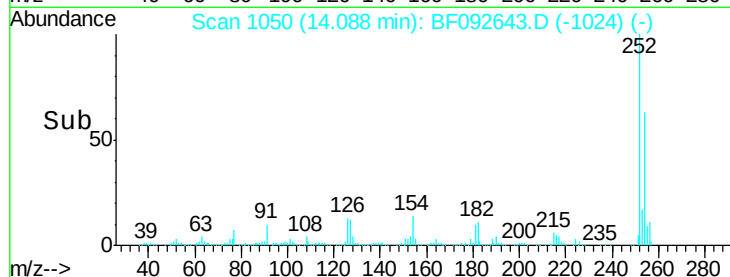
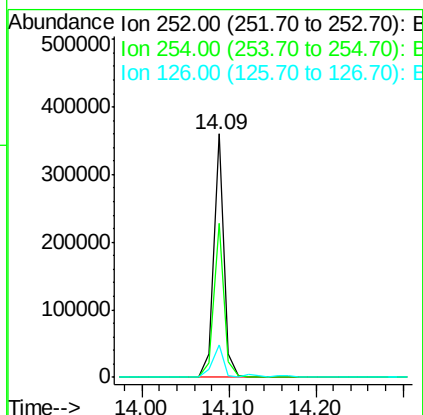
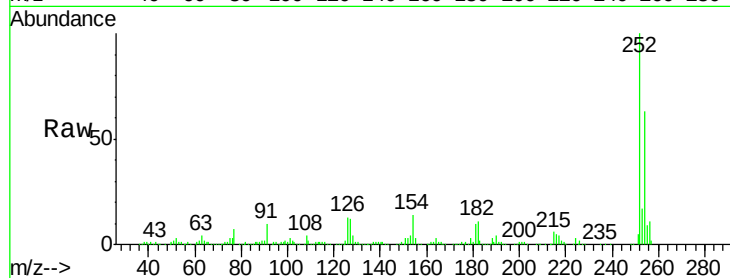




#81
 3,3'-Dichlorobenzidine
 Concen: 29.43 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

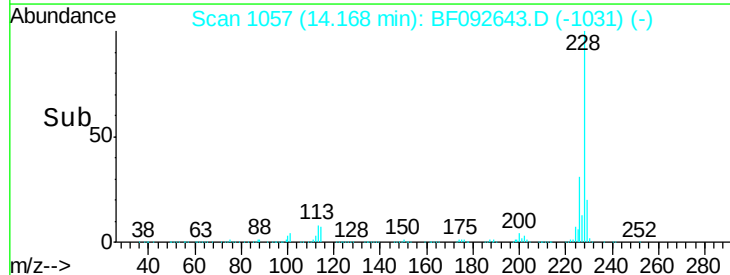
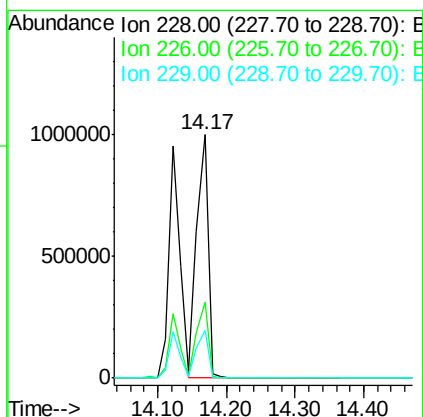
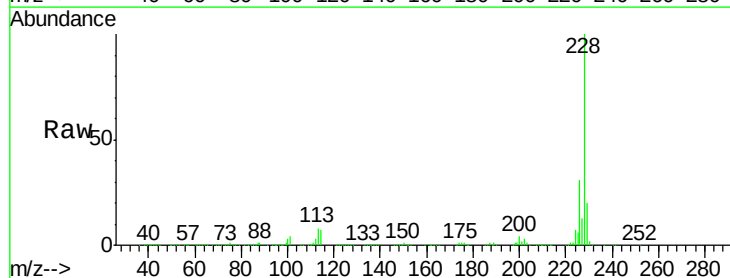
Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

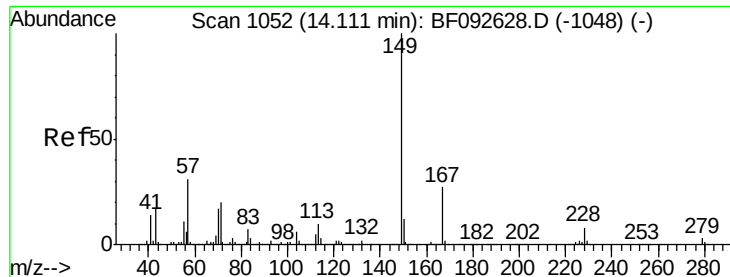
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.3	78.5
126	13.1	13.6	20.4



#82
 Chrysene
 Concen: 42.17 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	19.8	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.39 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

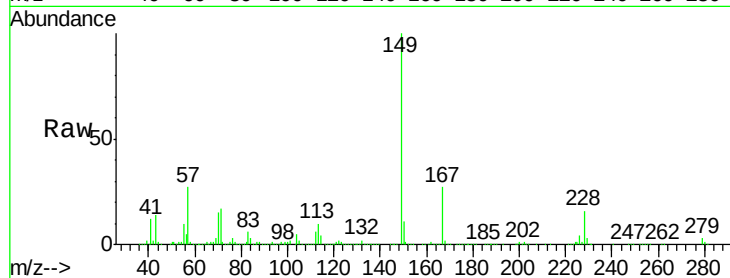
Tgt Ion:149 Resp: 898126

Ion Ratio Lower Upper

149 100

167 27.0 20.2 30.4

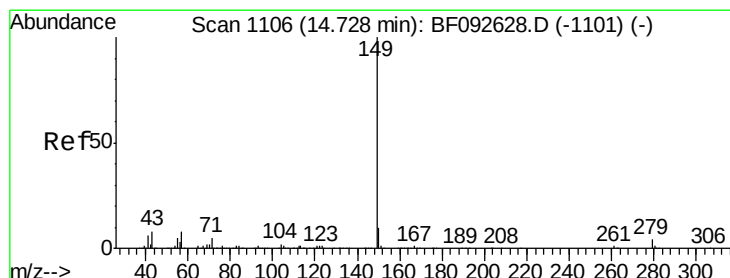
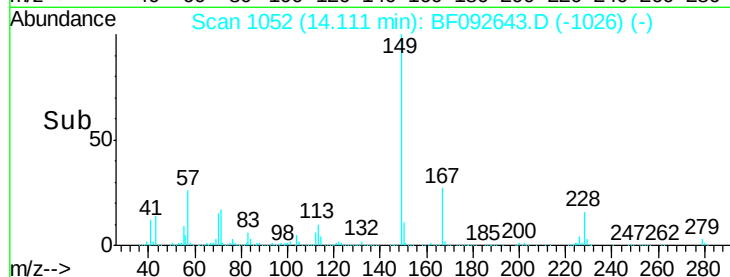
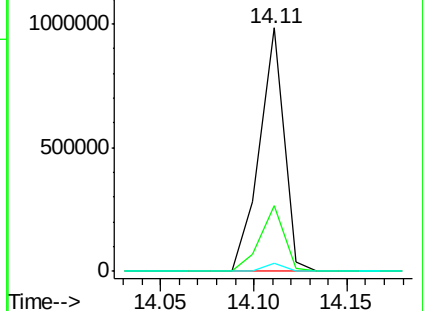
279 3.4 1.8 2.8#



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: 45.55 ng

RT: 14.73 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

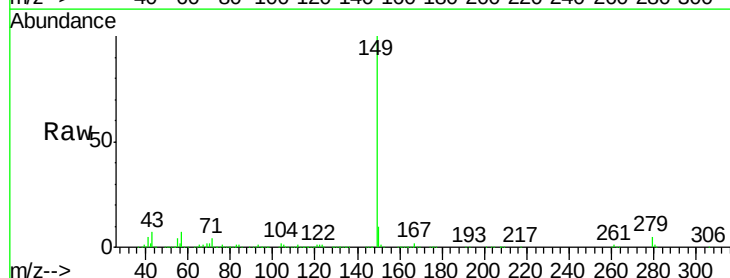
Tgt Ion:149 Resp: 1436106

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

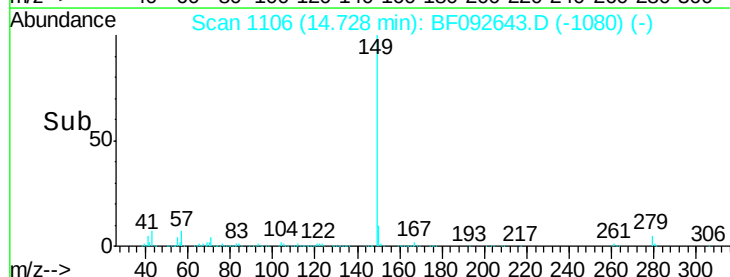
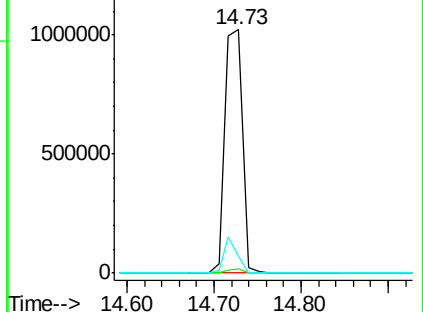
43 11.3 8.9 13.3

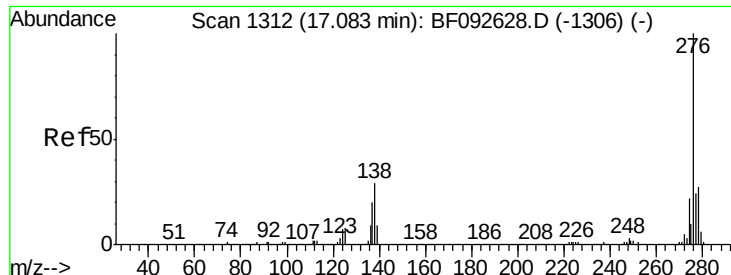


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

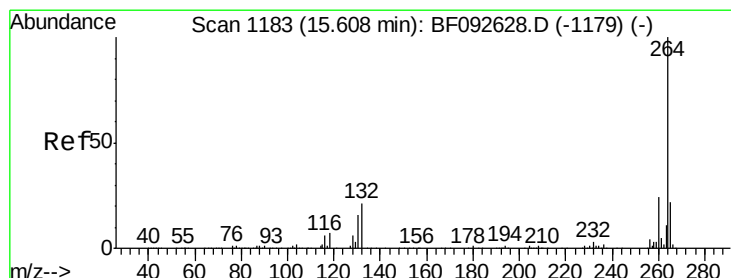
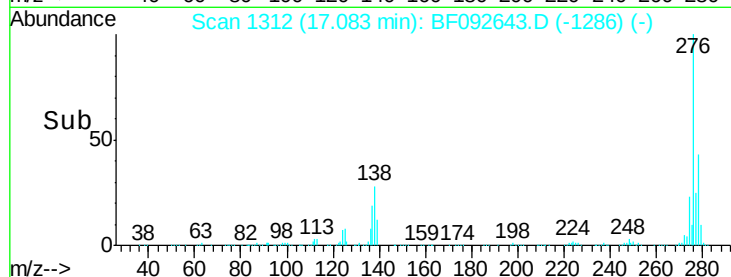
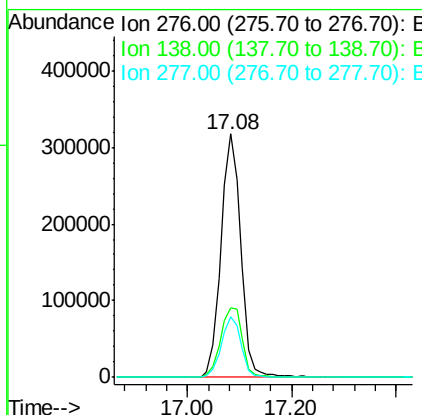
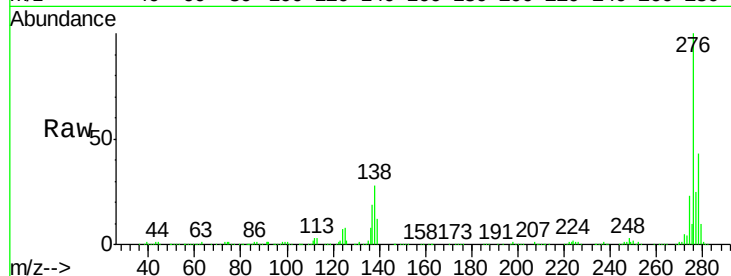




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.62 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

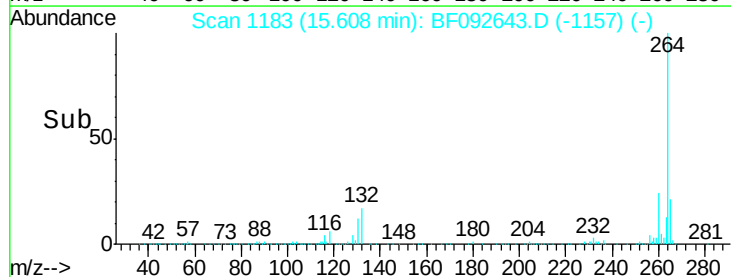
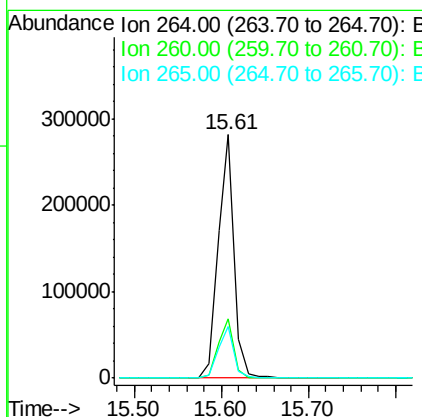
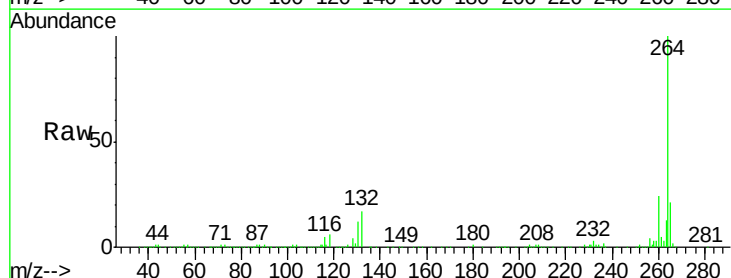
Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

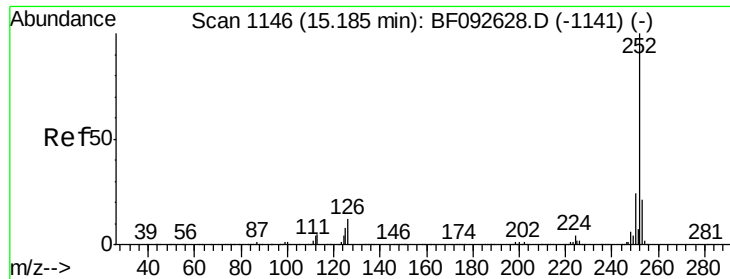
Tgt Ion: 276 Resp: 839358
 Ion Ratio Lower Upper
 276 100
 138 31.4 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion: 264 Resp: 359920
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.4 17.4 26.0

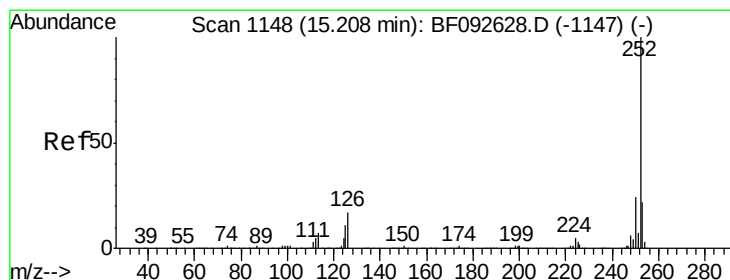
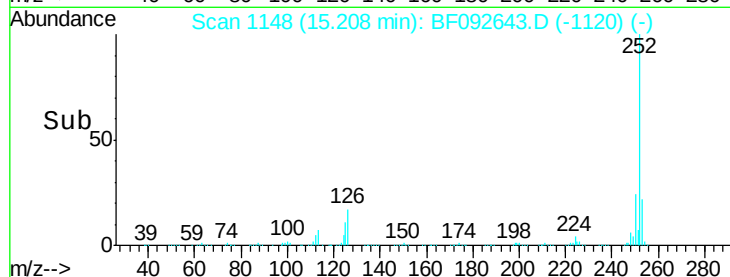
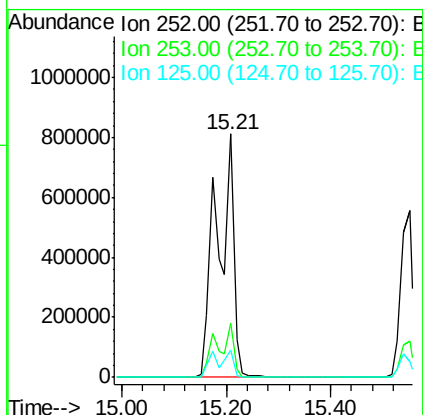
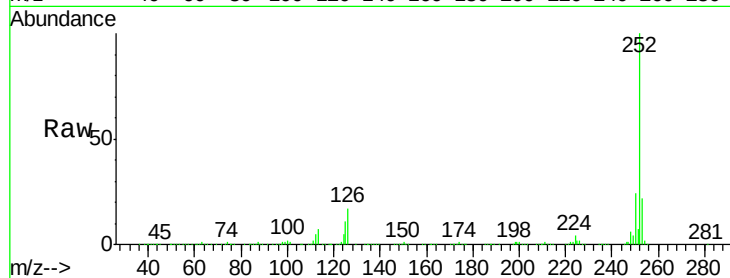




#87
Benzo(b)fluoranthene
Concen: 75.40 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.02 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

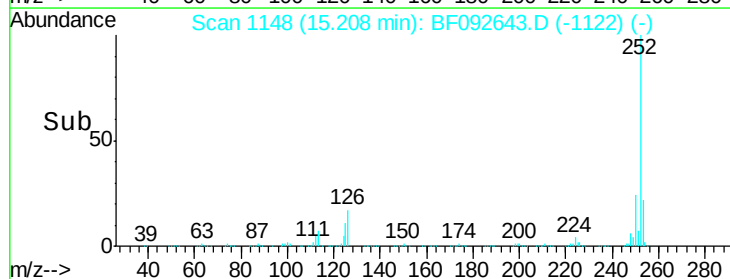
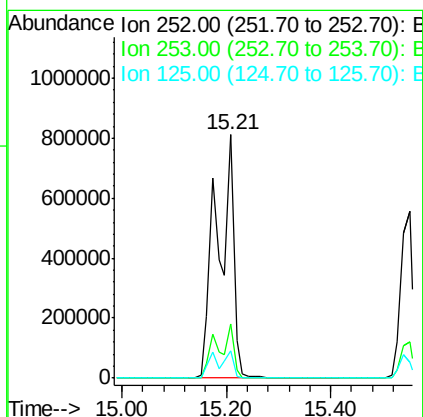
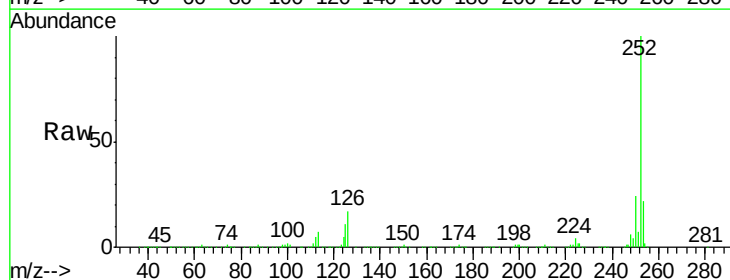
Instrument :
BNA_F
ClientSampled :
PB96532BS

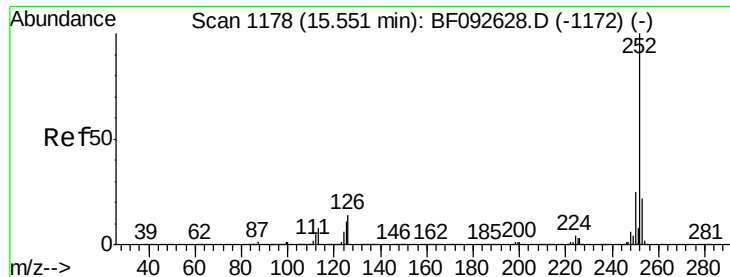
Tgt Ion:252 Resp: 1786117
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 11.1 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 87.32 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion:252 Resp: 1786117
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 11.1 8.9 13.3





#89

Benzo(a)pyrene

Concen: 41.70 ng

RT: 15.55 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

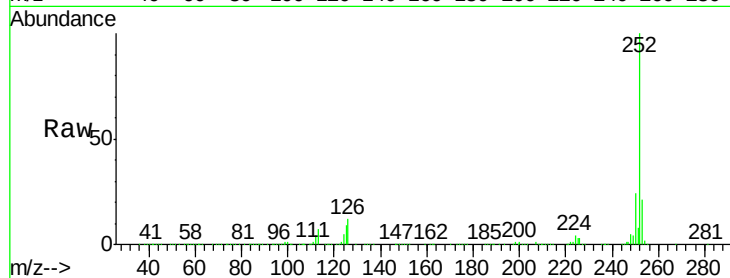
Tgt Ion:252 Resp: 854444

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

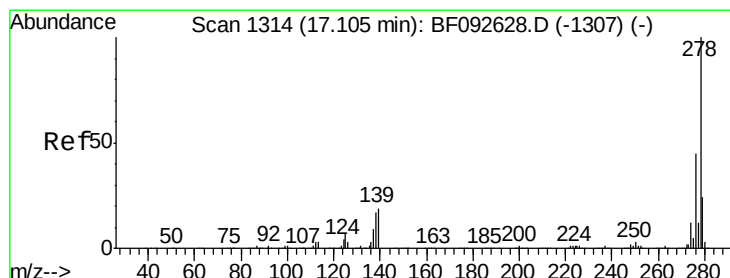
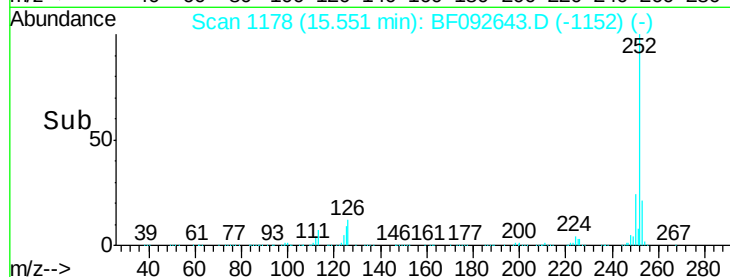
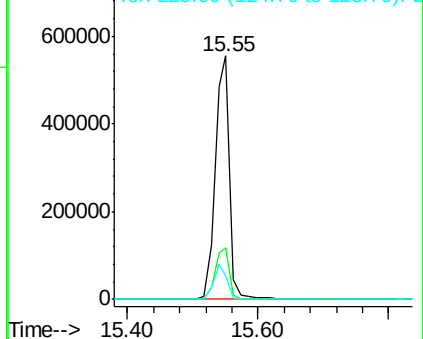
125 9.4 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.49 ng

RT: 17.11 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

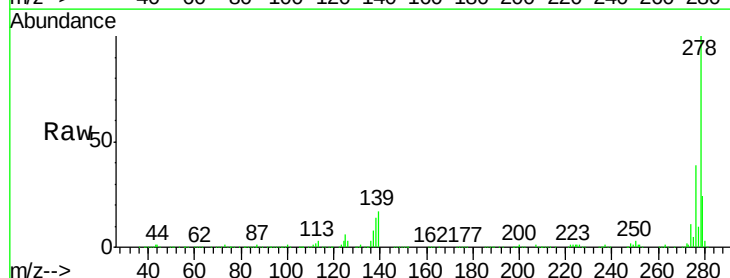
Tgt Ion:278 Resp: 703776

Ion Ratio Lower Upper

278 100

139 17.5 14.8 22.2

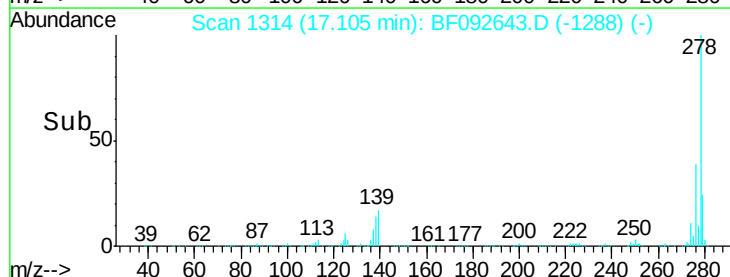
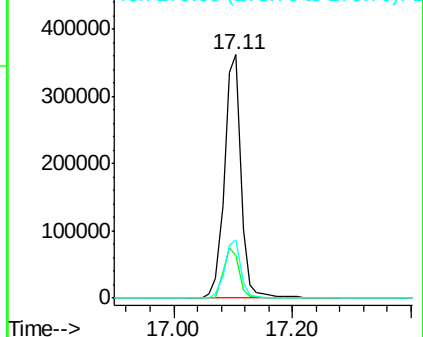
279 23.8 19.8 29.6

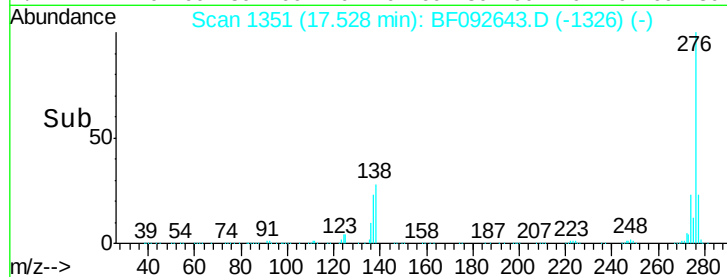
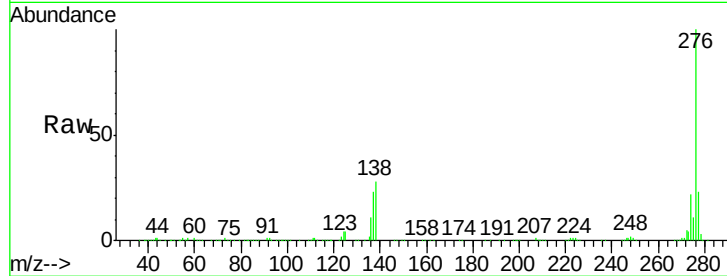
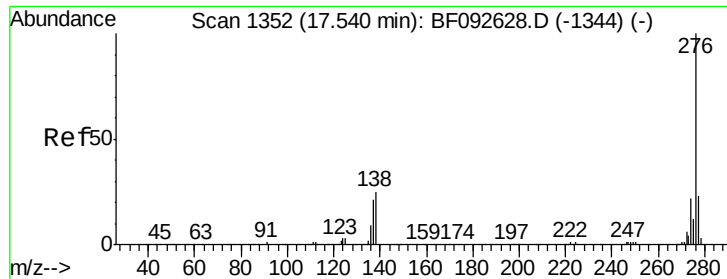


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.75 ng

RT: 17.53 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

Tgt Ion: 276 Resp: 715274

Ion Ratio Lower Upper

276 100

277 22.9 19.2 28.8

138 27.8 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

