

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092468.D
 Acq On : 25 Jan 2017 11:26
 Operator : SJ/MA
 Sample : PB96207BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 12:06:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170921	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	701427	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	389926	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	648499	20.00	ng	0.00
75) Chrysene-d12	14.16	240	477103	20.00	ng	-0.01
86) Perylene-d12	15.63	264	447063	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1271574	115.75	ng	0.02
7) Phenol-d6	6.60	99	1872199	133.79	ng	0.01
23) Nitrobenzene-d5	7.54	82	1152911	89.79	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	393002	147.90	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1886590	89.47	ng	-0.01
78) Terphenyl-d14	13.12	244	1794860	100.18	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	220919	37.81	ng	# 83
3) Pyridine	3.47	79	637446	38.32	ng	88
4) n-Nitrosodimethylamine	3.42	42	338514	41.48	ng	87
6) Aniline	6.62	93	527156	25.26	ng	# 47
8) 2-Chlorophenol	6.75	128	494568	42.86	ng	89
9) Benzaldehyde	6.51	77	340724	34.31	ng	90
10) Phenol	6.61	94	732944	43.40	ng	# 67
11) bis(2-Chloroethyl)ether	6.70	93	532602	42.15	ng	92
12) 1,3-Dichlorobenzene	6.99	146	598605	43.86	ng	98
13) 1,4-Dichlorobenzene	6.99	146	598605	43.58	ng	93
14) 1,2-Dichlorobenzene	7.14	146	529894	40.67	ng	98
15) Benzyl Alcohol	7.12	79	520744	49.38	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1029136	41.17	ng	92
17) 2-Methylphenol	7.22	107	466742	47.34	ng	96
18) Hexachloroethane	7.48	117	204156	43.15	ng	# 88
19) n-Nitroso-di-n-propylamine	7.39	70	394806	41.43	ng	94
20) 3+4-Methylphenols	7.38	107	561152	46.91	ng	96
22) Acetophenone	7.38	105	753038	45.08	ng	# 83
24) Nitrobenzene	7.55	77	610473	45.38	ng	99
25) Isophorone	7.80	82	1130118	44.66	ng	97
26) 2-Nitrophenol	7.87	139	277325	49.20	ng	93
27) 2,4-Dimethylphenol	7.92	122	543420	46.35	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	673238	40.53	ng	98
29) 2,4-Dichlorophenol	8.12	162	477107	46.94	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	465891	42.41	ng	96
31) Naphthalene	8.28	128	1460370	40.68	ng	99
32) Benzoic acid	8.04	122	349898	40.72	ng	96
33) 4-Chloroaniline	8.33	127	202678	13.35	ng	97
34) Hexachlorobutadiene	8.41	225	264743	44.06	ng	98
35) Caprolactam	8.72	113	97417	28.70	ng	# 58
36) 4-Chloro-3-methylphenol	8.82	107	542617	49.51	ng	93
37) 2-Methylnaphthalene	8.98	142	980941	43.16	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	469702	47.75	ng	98
40) Hexachlorocyclopentadiene	9.14	237	459387	93.26	ng	96

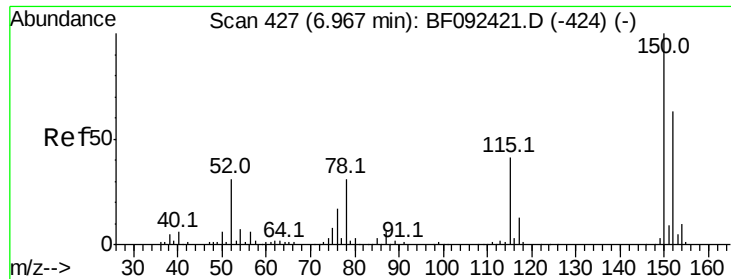
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	365232	48.47	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	325096	47.15	nq #	90
45) 1,1'-Biphenyl	9.45	154	1195022	42.40	nq	97
46) 2-Chloronaphthalene	9.47	162	940732	40.86	nq	95
47) 2-Nitroaniline	9.56	65	330044	42.57	nq	90
48) Acenaphthylene	9.89	152	1544500	45.74	nq	99
49) Dimethylphthalate	9.76	163	1193480	48.13	nq	100
50) 2,6-Dinitrotoluene	9.81	165	263943	52.08	nq #	86
51) Acenaphthene	10.06	154	1028531	49.02	nq	97
52) 3-Nitroaniline	9.97	138	148257	23.36	nq	89
53) 2,4-Dinitrophenol	10.09	184	262378	78.68	nq #	69
54) Dibenzofuran	10.24	168	1291365	45.33	nq	97
55) 4-Nitrophenol	10.14	139	494809	98.16	nq	86
56) 2,4-Dinitrotoluene	10.22	165	354808	52.74	nq #	64
57) Fluorene	10.58	166	921150	43.60	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	258336	50.01	nq	97
59) Diethylphthalate	10.46	149	1136405	47.80	nq #	94
60) 4-Chlorophenyl-phenylether	10.58	204	467578	45.64	nq #	76
61) 4-Nitroaniline	10.60	138	262451	41.34	nq	94
62) Azobenzene	10.74	77	1348852	49.85	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	164792	47.24	nq #	33
65) n-Nitrosodiphenylamine	10.69	169	843165	41.63	nq	99
66) 4-Bromophenyl-phenylether	11.07	248	303590	46.37	nq #	88
67) Hexachlorobenzene	11.13	284	268631	40.59	nq #	79
68) Atrazine	11.23	200	327741	47.28	nq	96
69) Pentachlorophenol	11.32	266	337786	79.82	nq	97
70) Phenanthrene	11.55	178	1518177	42.51	nq	99
71) Anthracene	11.60	178	1576643	45.17	nq	100
72) Carbazole	11.76	167	1489259	44.69	nq	98
73) Di-n-butylphthalate	12.09	149	1663531	43.66	nq #	98
74) Fluoranthene	12.74	202	1613108	46.18	nq	97
76) Benzidine	12.85	184	528181	29.82	nq	97
77) Pyrene	12.97	202	1622910	46.95	nq	99
79) Butylbenzylphthalate	13.59	149	767997	54.84	nq	91
80) Benzo(a)anthracene	14.15	228	1220392	47.60	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	242600	24.92	nq #	97
82) Chrysene	14.19	228	1334247	48.72	nq	100
83) Bis(2-ethylhexyl)phthalate	14.15	149	941061	53.36	nq #	97
84) Di-n-octyl phthalate	14.76	149	1806069	56.41	nq	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	1121219	55.34	nq #	94
87) Benzo(b)fluoranthene	15.21	252	1279835	44.59	nq	98
88) Benzo(k)fluoranthene	15.21	252	1279835	53.63	nq	98
89) Benzo(a)pyrene	15.57	252	1143933	47.12	nq	97
90) Dibenzo(a,h)anthracene	17.14	278	926411	47.19	nq	96
91) Benzo(g,h,i)perylene	17.57	276	914742	46.07	nq #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

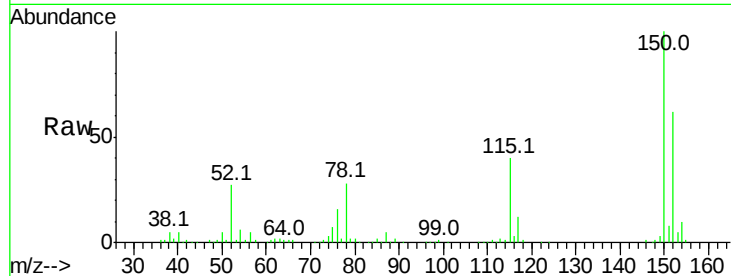
Tot Ion:152 Resp: 170921

Ion Ratio Lower Upper

152 100

150 160.2 124.9 187.3

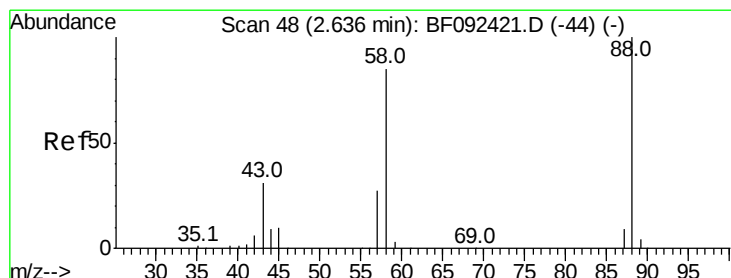
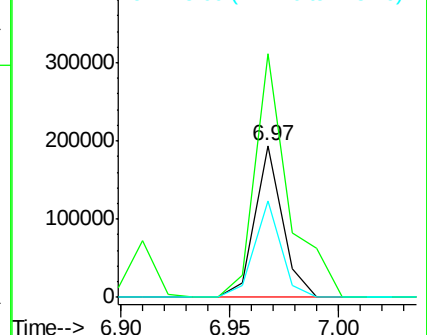
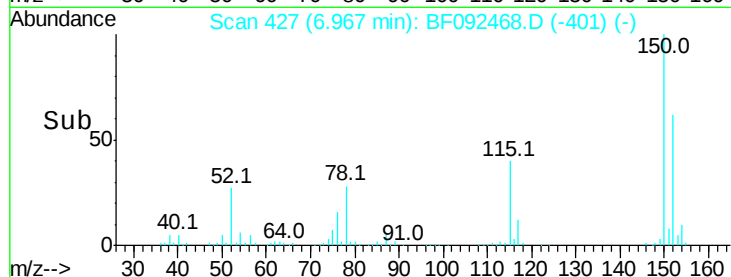
115 63.5 46.0 69.0



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: 37.81 ng

RT: 2.72 min Scan# 55

Delta R.T. 0.08 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

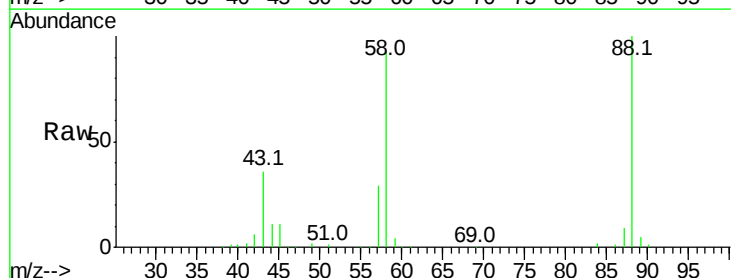
Tgt Ion: 88 Resp: 220919

Ion Ratio Lower Upper

88 100

58 89.2 57.8 86.8#

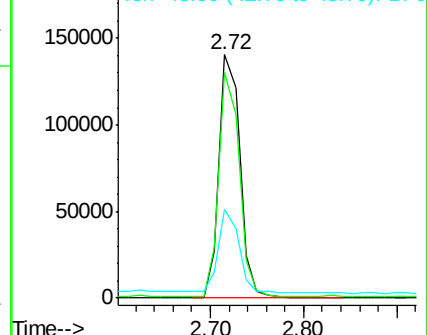
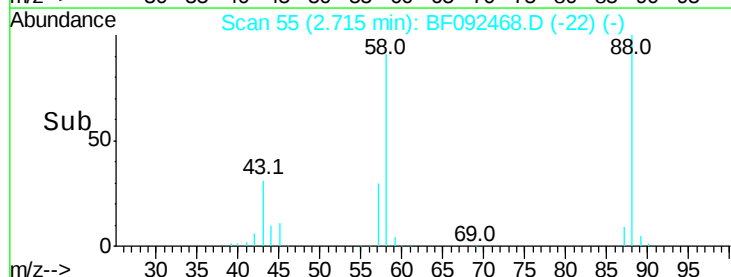
43 33.0 22.3 33.5

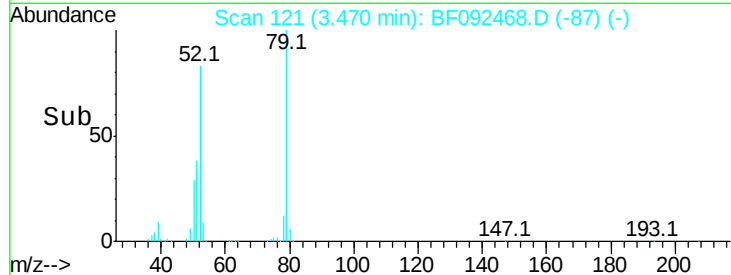
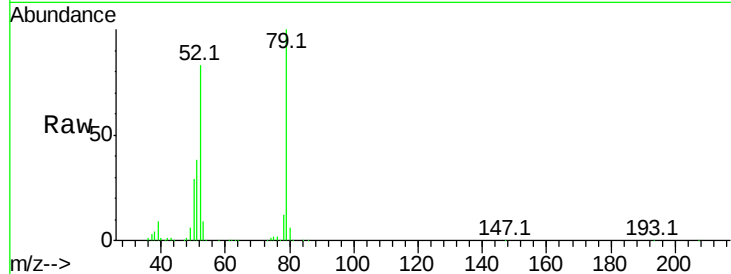
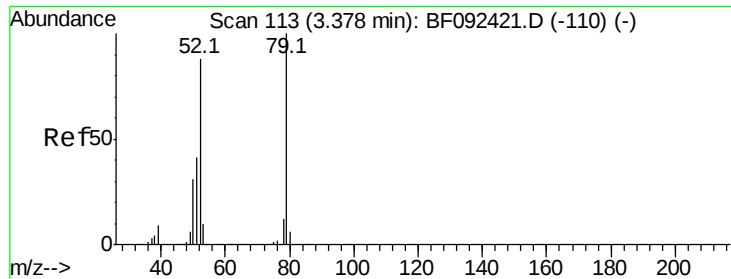


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

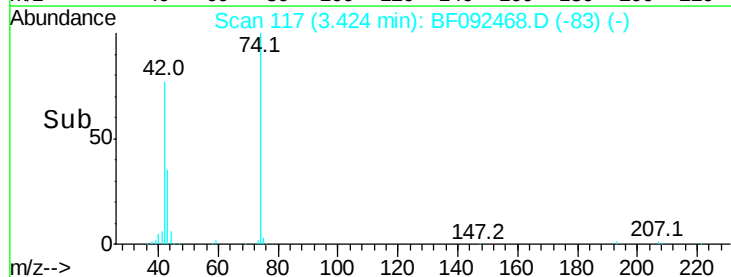
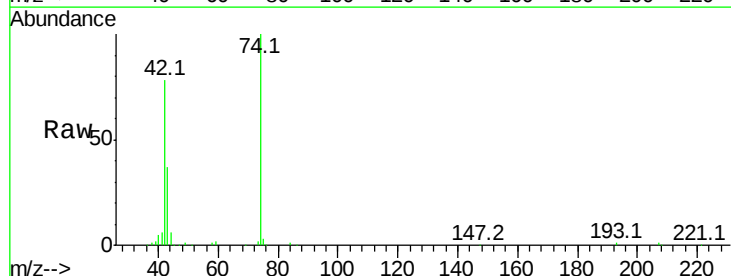
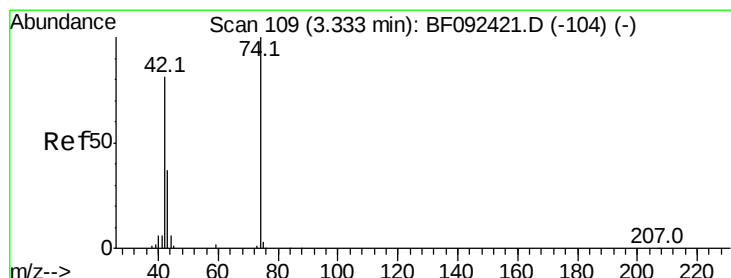
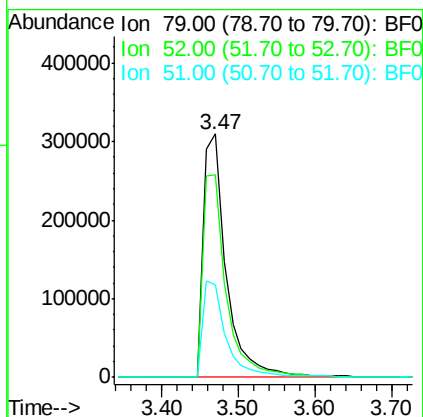




#3
 Pvridine
 Concen: 38.32 ng
 RT: 3.47 min Scan# 121
 Delta R.T. 0.09 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

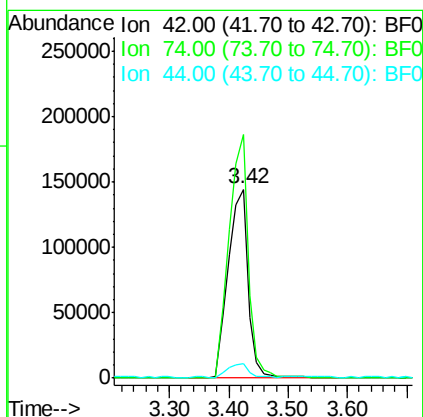
Instrument :
 BNA_F
 ClientSampleId :

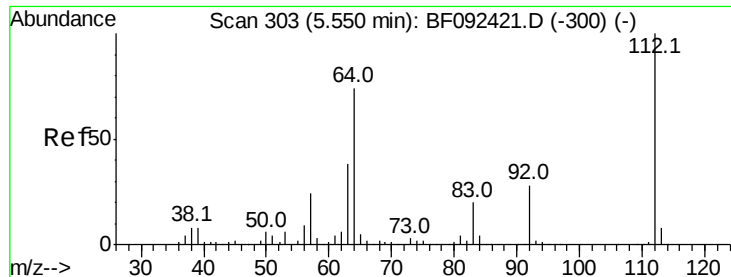
Tot Ion: 79 Resp: 637446
 Ion Ratio Lower Upper
 79 100
 52 83.4 57.1 85.7
 51 38.2 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 41.48 ng
 RT: 3.42 min Scan# 117
 Delta R.T. 0.09 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion: 42 Resp: 338514
 Ion Ratio Lower Upper
 42 100
 74 129.0 117.0 175.4
 44 8.0 5.5 8.3





#5

2-Fluorophenol

Concen: 115.75 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampleId :

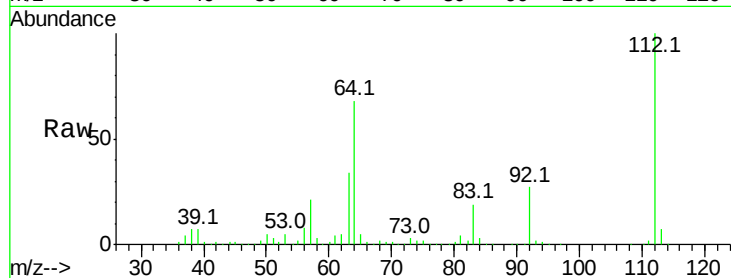
Tot Ion:112 Resp: 1271574

Ion Ratio Lower Upper

112 100

64 67.6 46.1 69.1

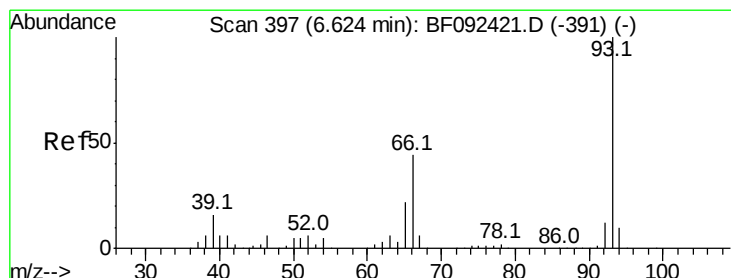
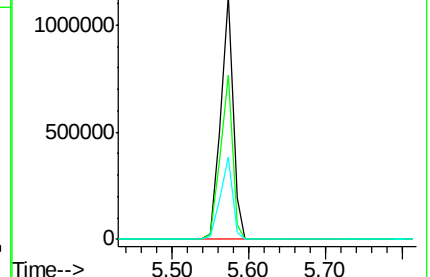
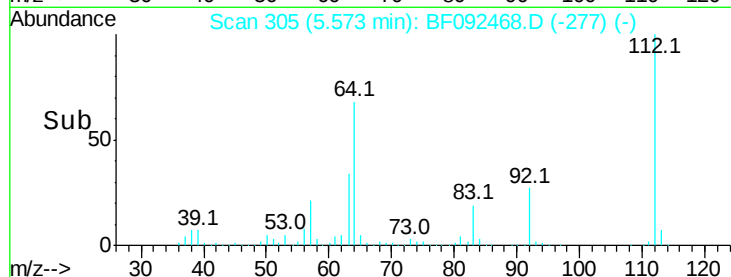
63 33.8 23.8 35.6



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: 25.26 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

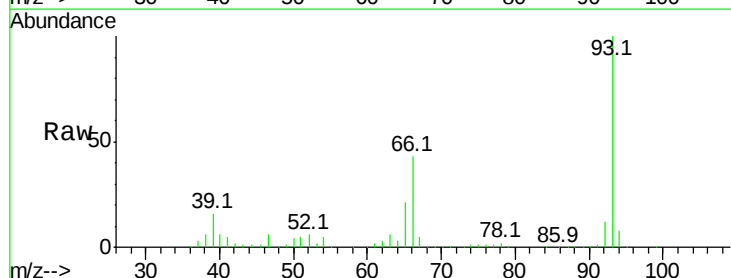
Tgt Ion: 93 Resp: 527156

Ion Ratio Lower Upper

93 100

66 42.9 76.2 114.2#

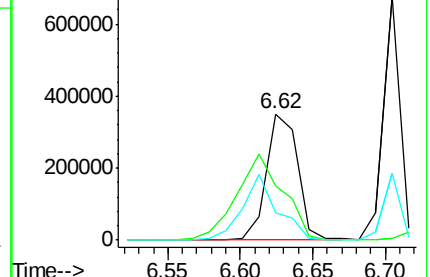
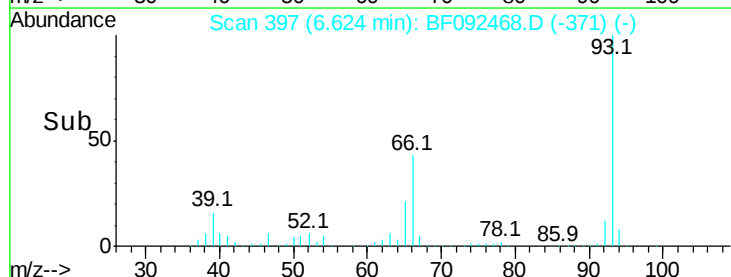
65 21.2 49.3 73.9#

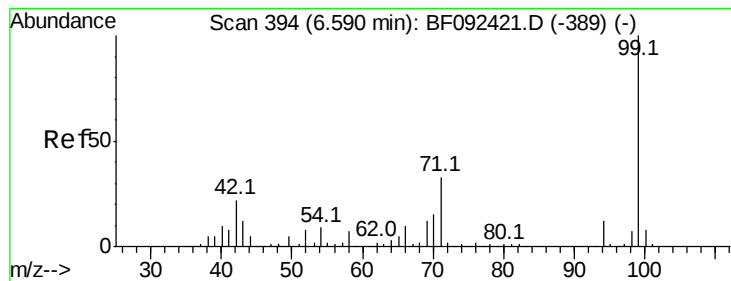


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.79 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

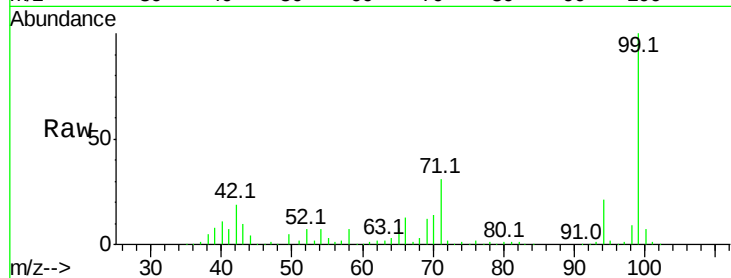
Tot Ion: 99 Resp: 1872199

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.6	23.4
71	30.9	27.5	41.3

99 100

42 18.6 15.6 23.4

71 30.9 27.5 41.3

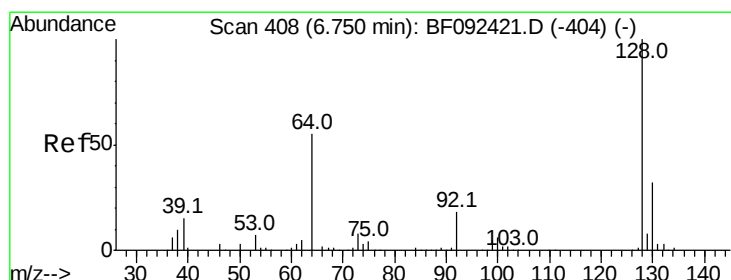
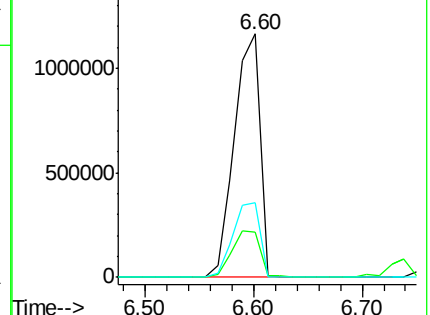
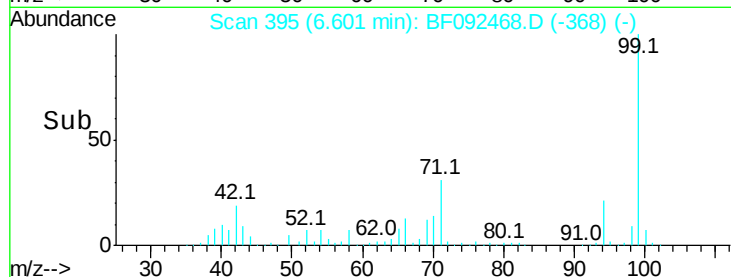


Abundance

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: 42.86 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

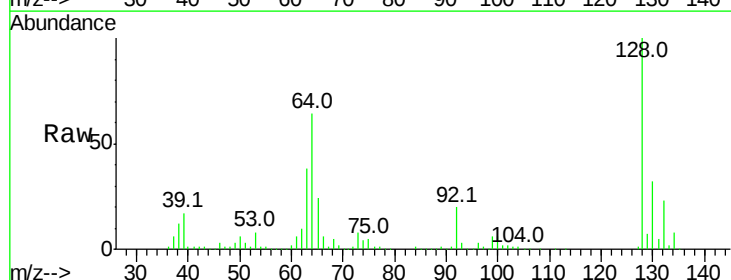
Tgt Ion:128 Resp: 494568

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.3	52.3
64	64.0	32.2	72.2

128 100

130 31.9 12.3 52.3

64 64.0 32.2 72.2

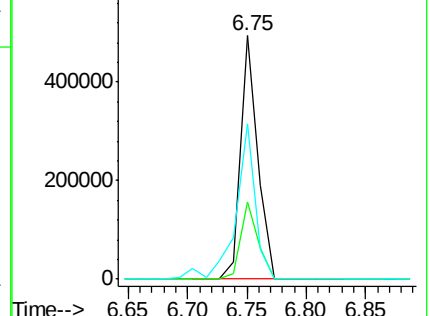
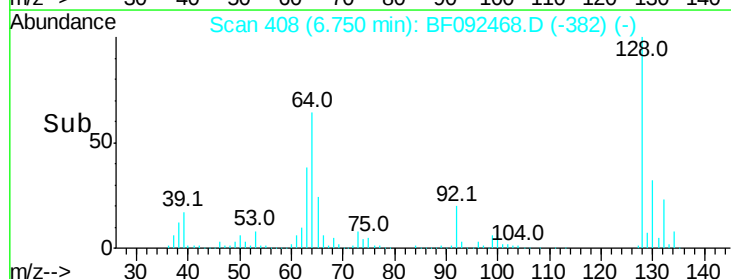


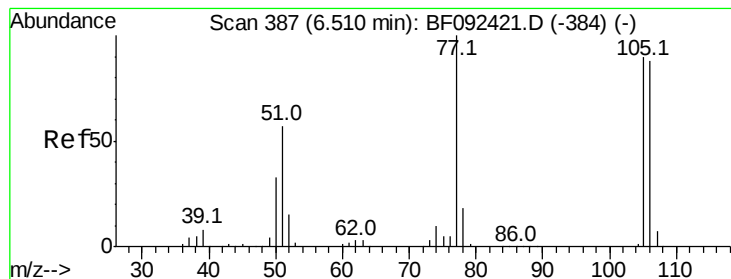
Abundance

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: 34.31 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampled :

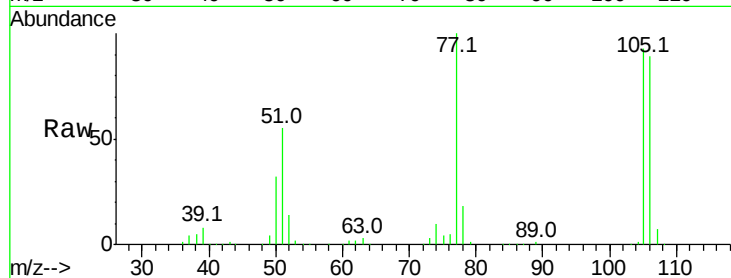
Tot Ion: 77 Resp: 340724

Ion Ratio Lower Upper

77 100

105 93.1 83.9 123.9

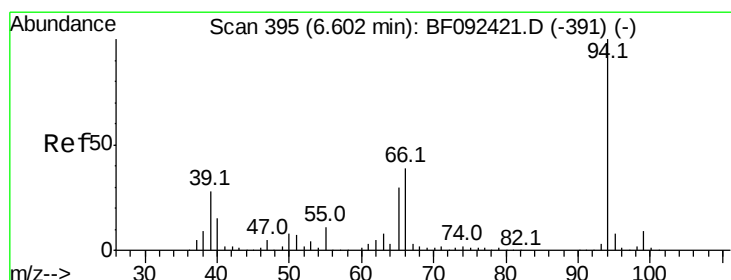
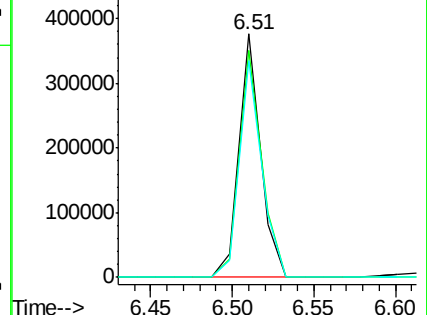
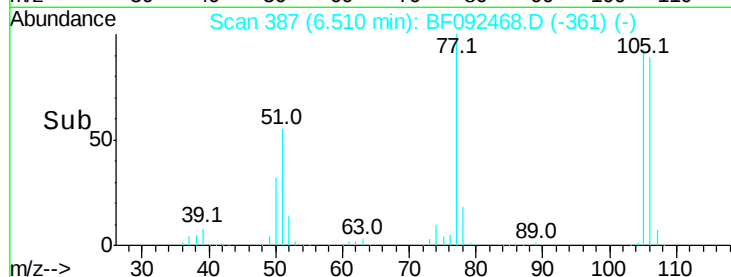
106 89.2 77.6 117.6



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: 43.40 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

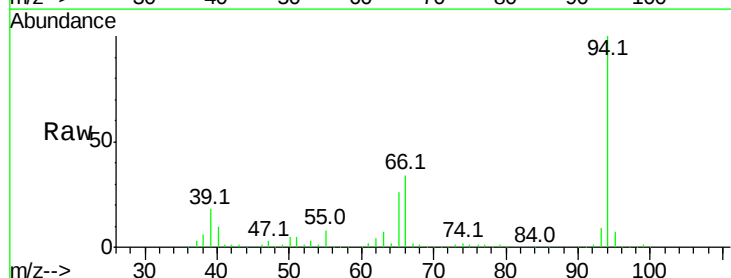
Tgt Ion: 94 Resp: 732944

Ion Ratio Lower Upper

94 100

65 25.7 21.4 61.4

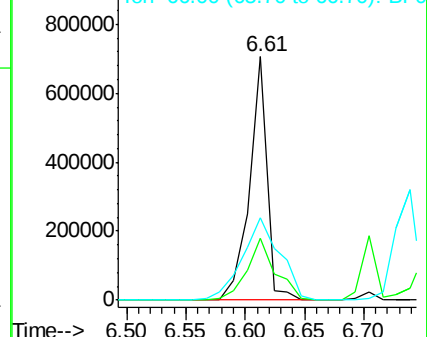
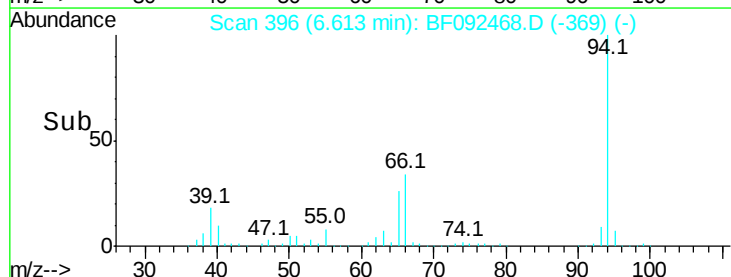
66 34.0 44.0 84.0#

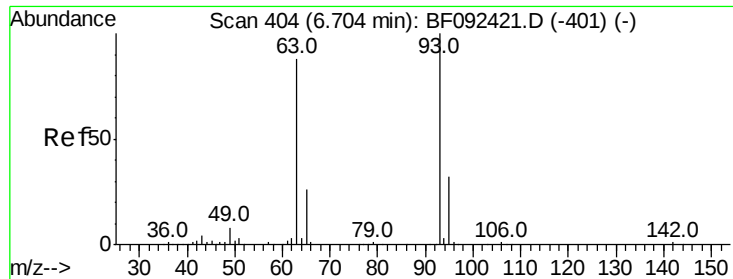


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

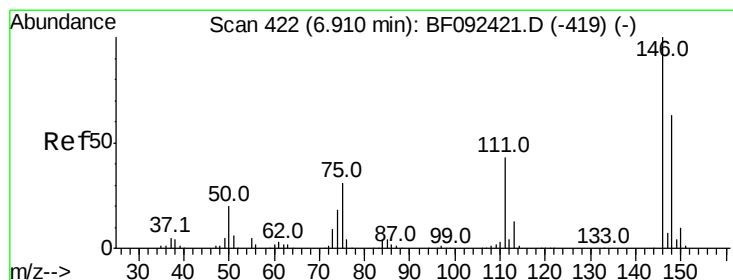
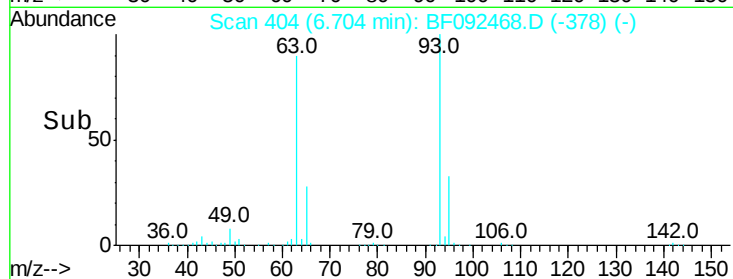
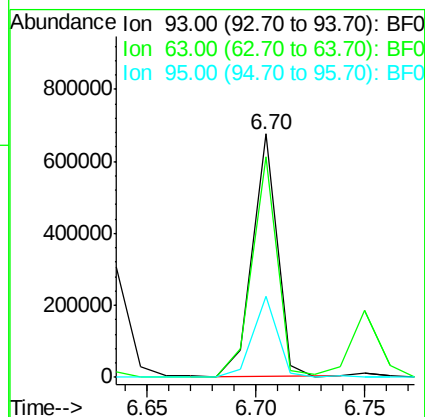
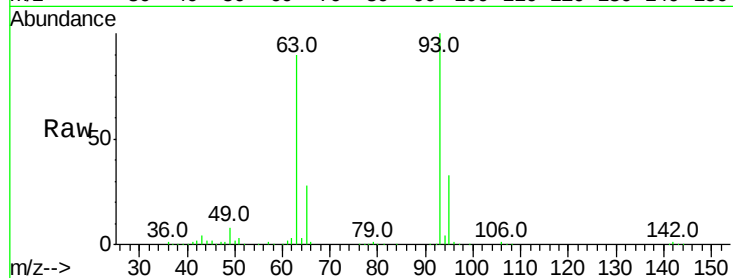




#11
bis(2-Chloroethyl)ether
Concen: 42.15 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

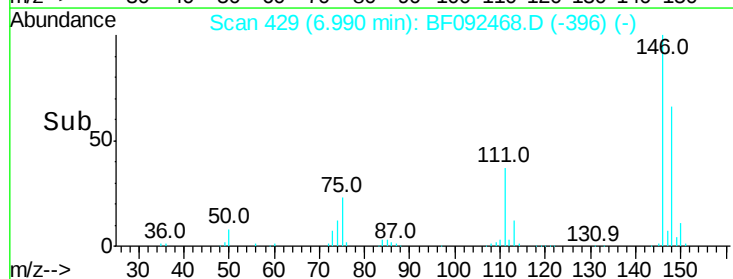
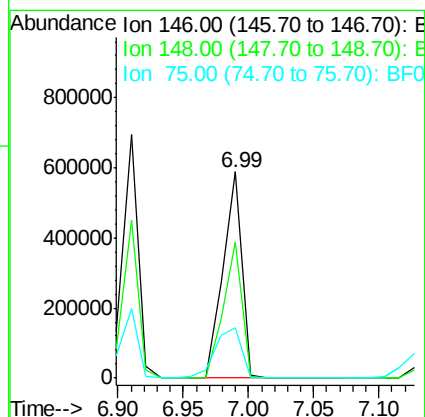
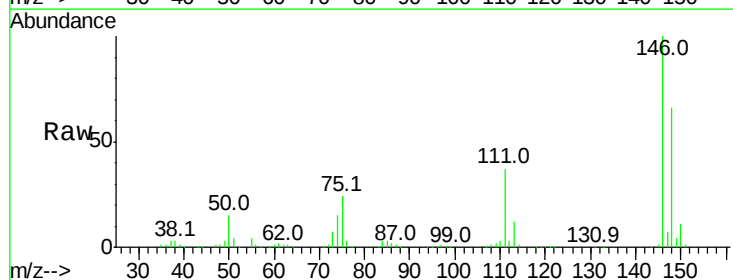
Instrument :
BNA_F
ClientSampleId :

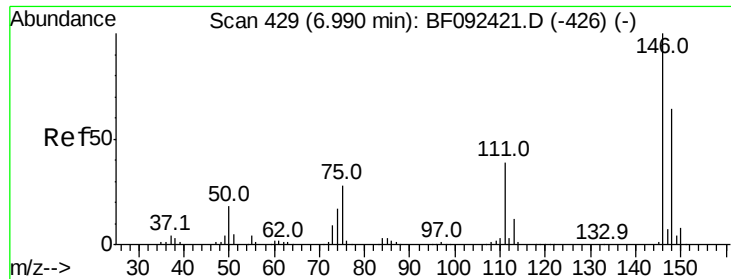
Tot Ion: 93 Resp: 532602
Ion Ratio Lower Upper
93 100
63 90.5 60.4 100.4
95 33.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.86 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.08 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion: 146 Resp: 598605
Ion Ratio Lower Upper
146 100
148 65.7 53.4 80.0
75 24.3 18.5 27.7

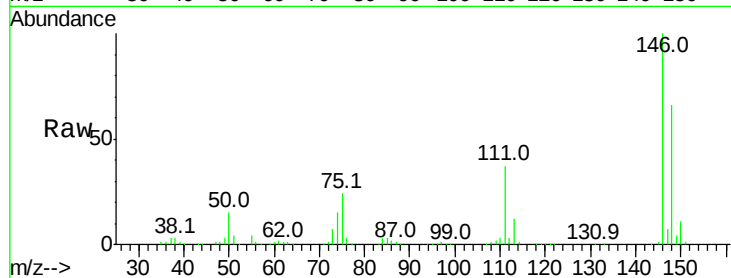




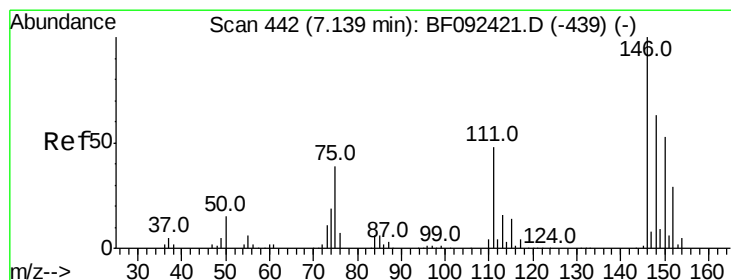
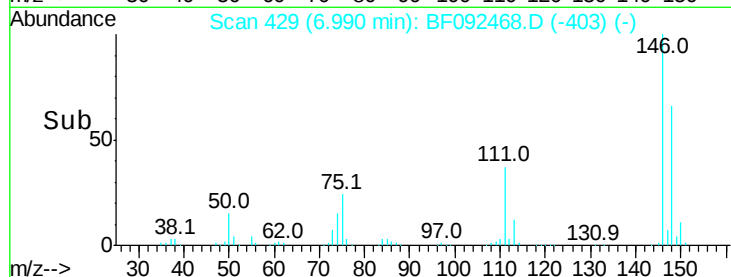
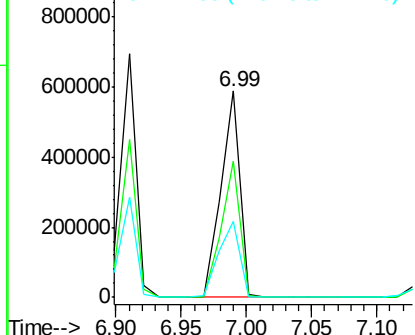
#13
 1,4-Dichlorobenzene
 Concen: 43.58 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 598605
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.6 76.0
 111 36.7 36.2 54.4

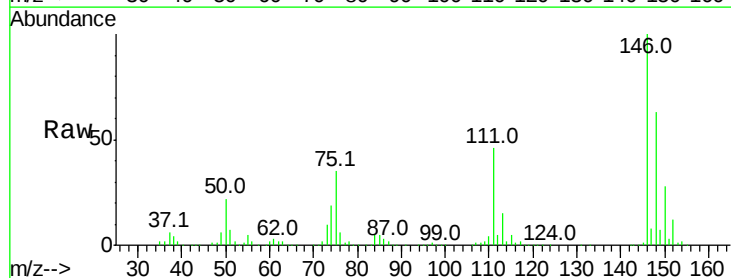


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

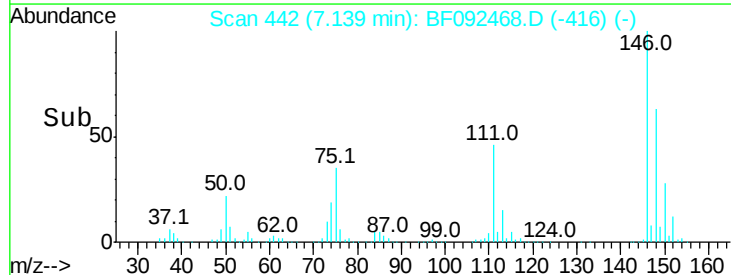
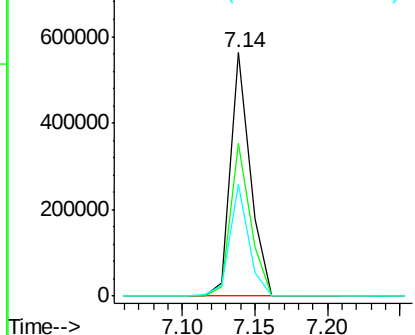


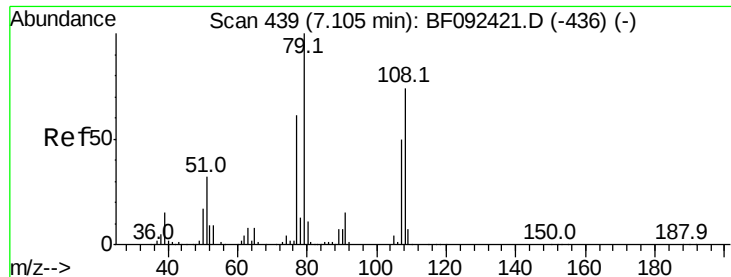
#14
 1,2-Dichlorobenzene
 Concen: 40.67 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion:146 Resp: 529894
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 46.1 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: 49.38 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

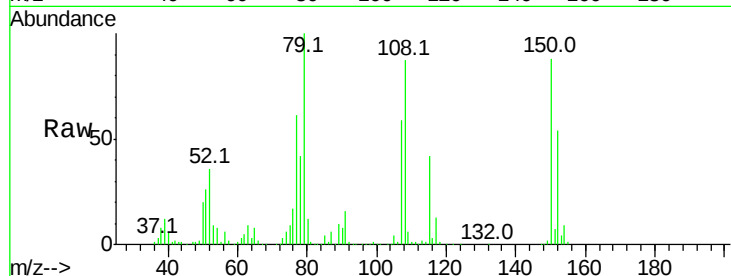
Tot Ion: 79 Resp: 520744

Ion Ratio Lower Upper

79 100

108 86.6 61.4 92.0

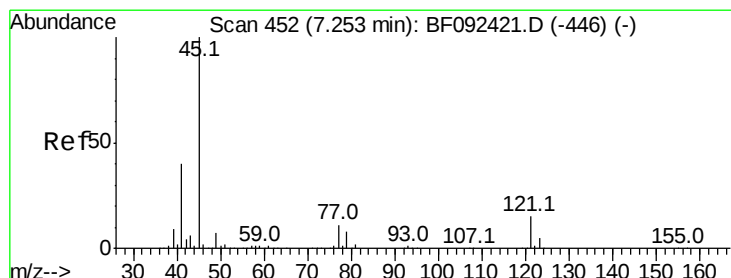
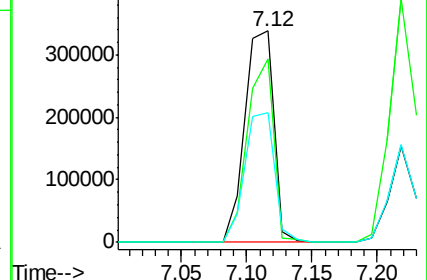
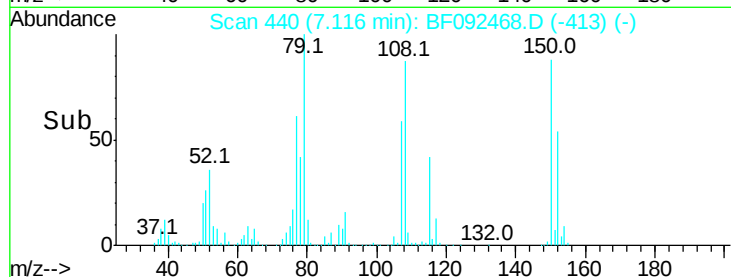
77 61.4 50.9 76.3



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: 41.17 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

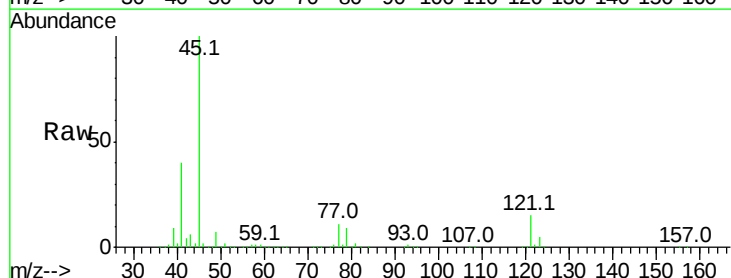
Tgt Ion: 45 Resp: 1029136

Ion Ratio Lower Upper

45 100

77 11.0 0.0 34.6

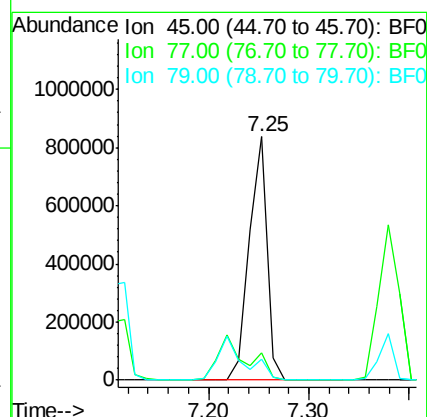
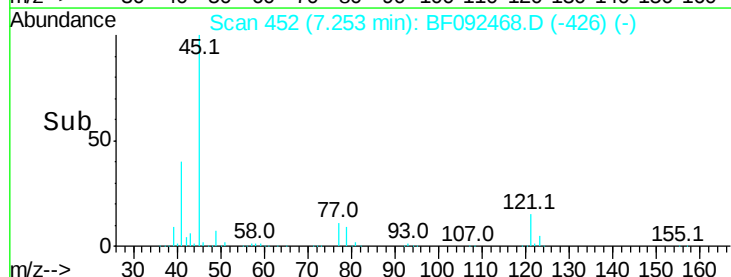
79 8.7 0.0 31.2

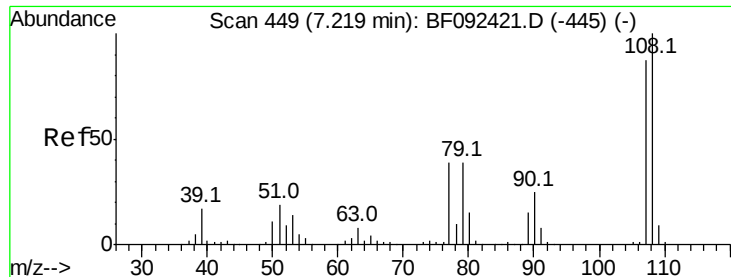


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

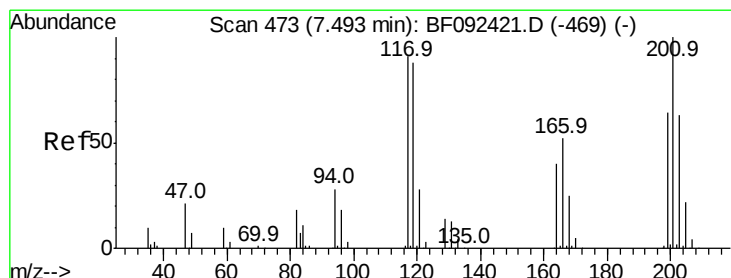
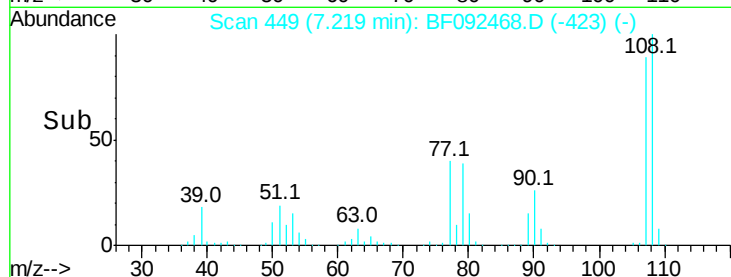
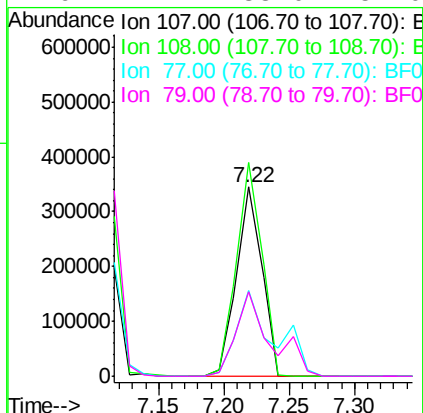
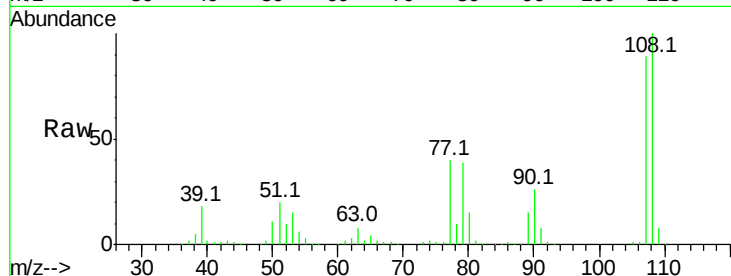




#17
2-Methylphenol
Concen: 47.34 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

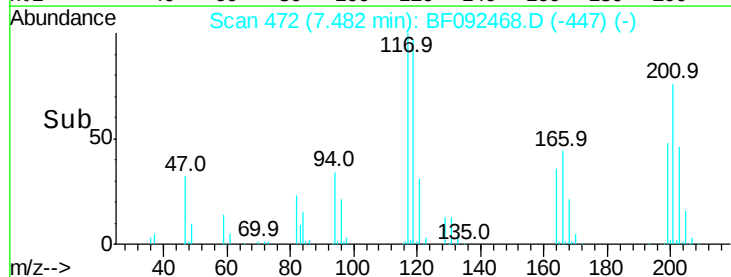
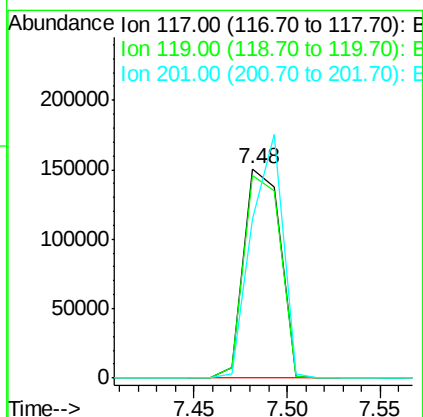
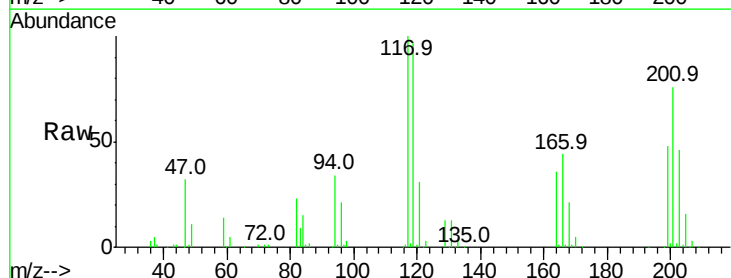
Instrument :
BNA_F
ClientSampled :

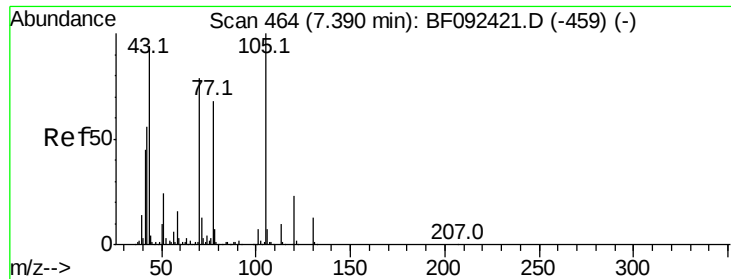
Tot Ion:107 Resp: 466742
Ion Ratio Lower Upper
107 100
108 112.8 93.0 139.6
77 45.2 39.8 59.8
79 44.4 38.0 57.0



#18
Hexachloroethane
Concen: 43.15 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion:117 Resp: 204156
Ion Ratio Lower Upper
117 100
119 96.6 78.1 117.1
201 76.3 78.6 117.8#

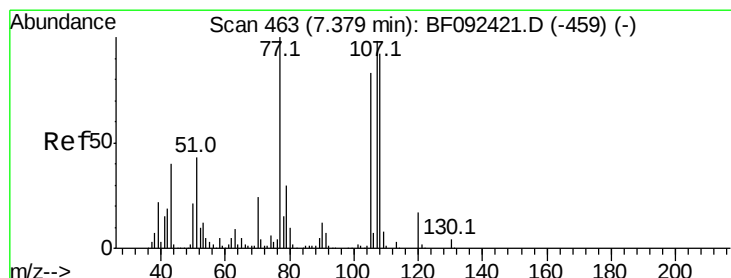
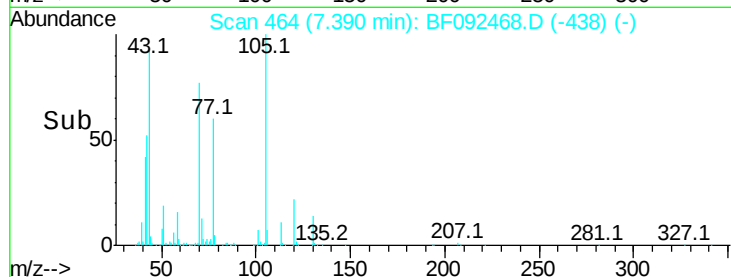
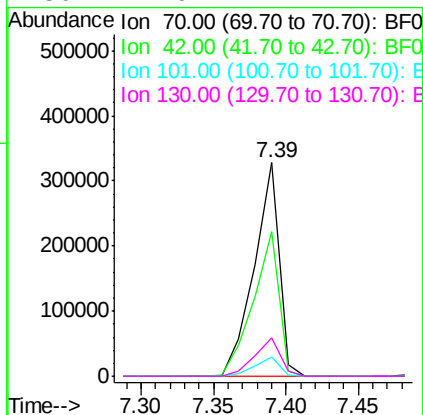
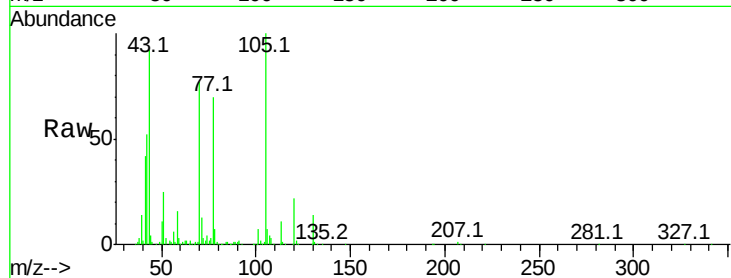




#19
n-Nitroso-di-n-propylamine
Concen: 41.43 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

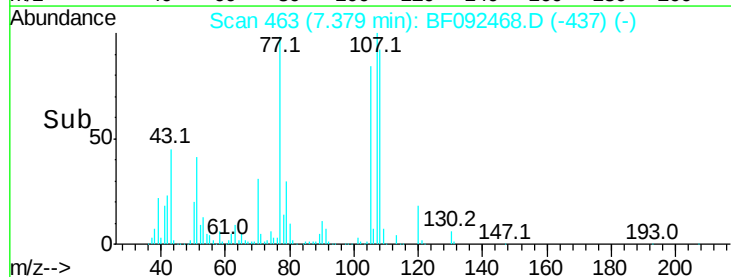
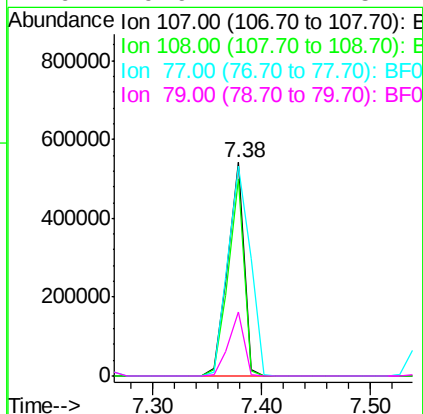
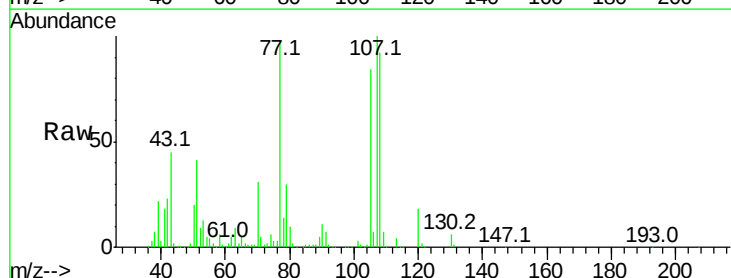
Instrument :
BNA_F
ClientSampleId :

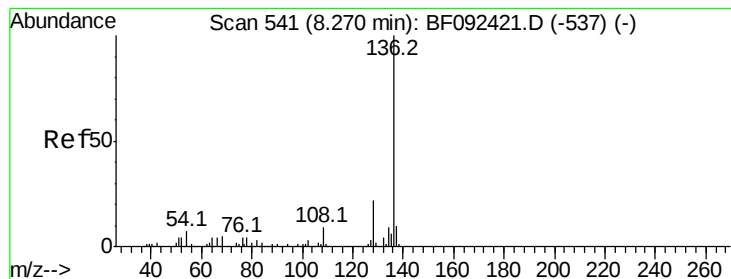
Tot Ion:	70	Resp:	394806
Ion	Ratio	Lower	Upper
70	100		
42	67.9	49.4	74.0
101	9.2	7.4	11.2
130	17.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 46.91 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion:	107	Resp:	561152
Ion	Ratio	Lower	Upper
107	100		
108	92.3	73.0	113.0
77	98.4	71.3	111.3
79	29.9	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 701427

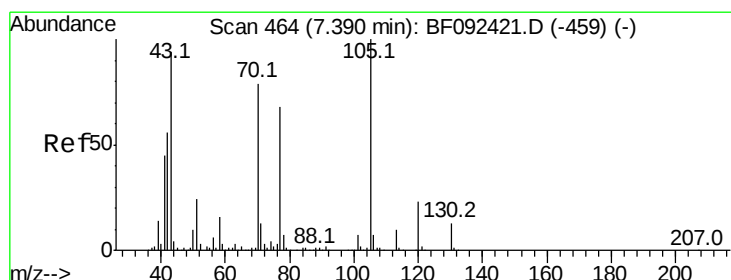
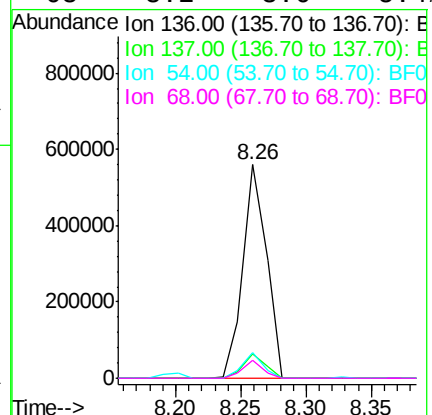
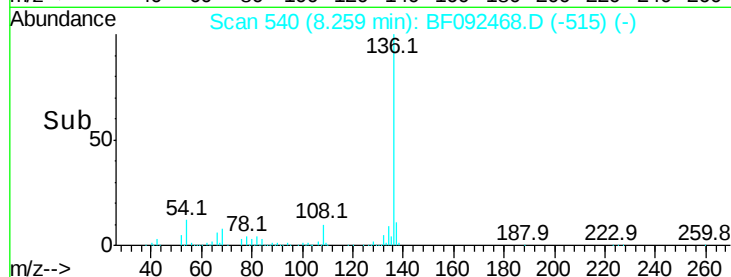
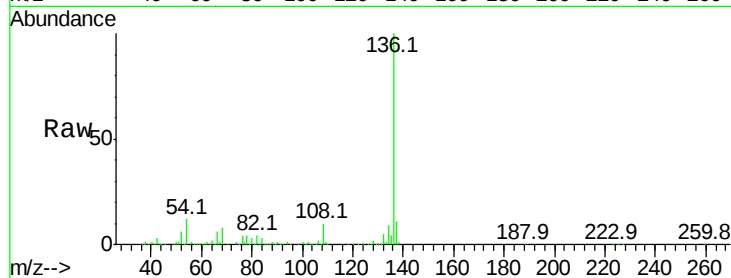
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 12.0 4.5 6.7#

68 8.2 3.6 5.4#



#22

Acetophenone

Concen: 45.08 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Tgt Ion:105 Resp: 753038

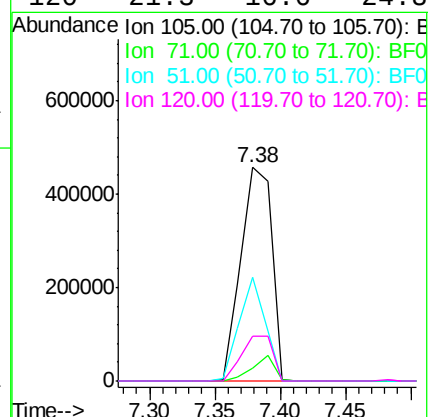
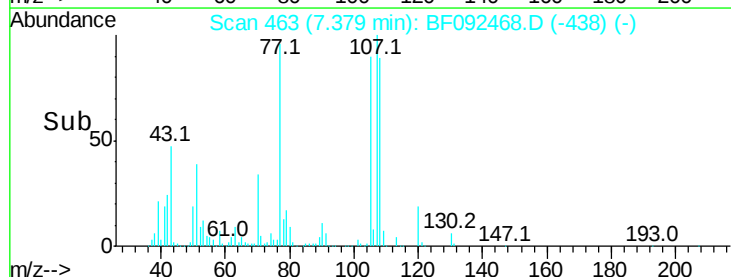
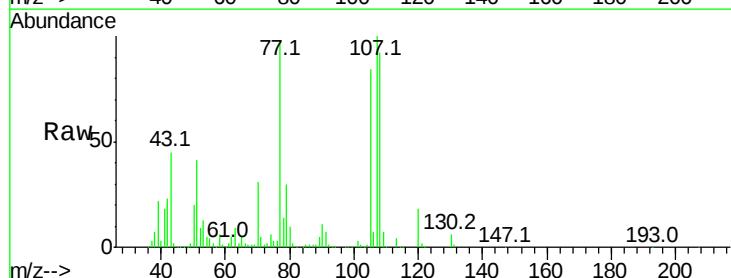
Ion Ratio Lower Upper

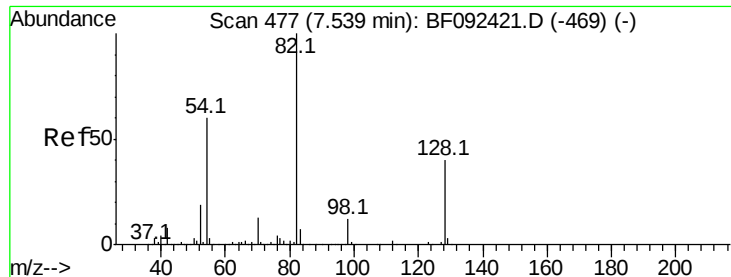
105 100

71 6.1 3.2 4.8#

51 48.5 26.2 39.4#

120 21.3 16.6 24.8

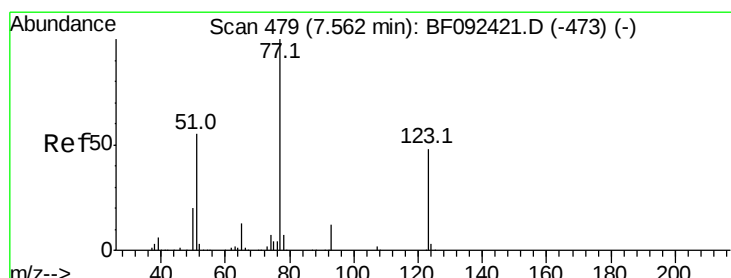
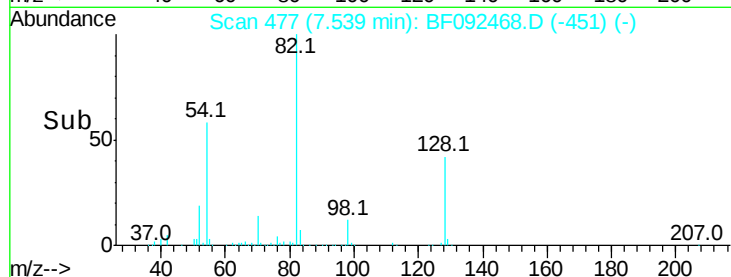
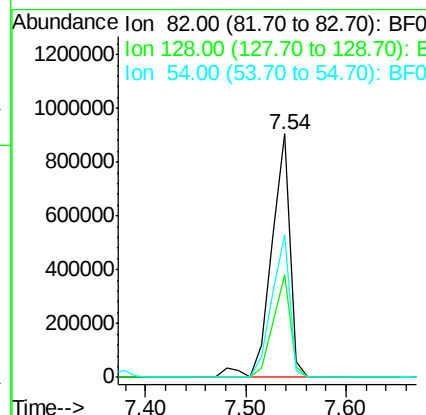
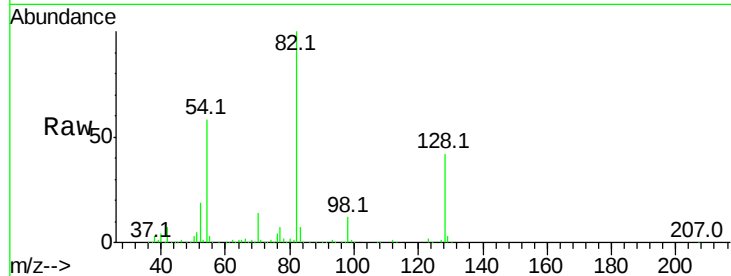




#23
 Nitrobenzene-d5
 Concen: 89.79 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

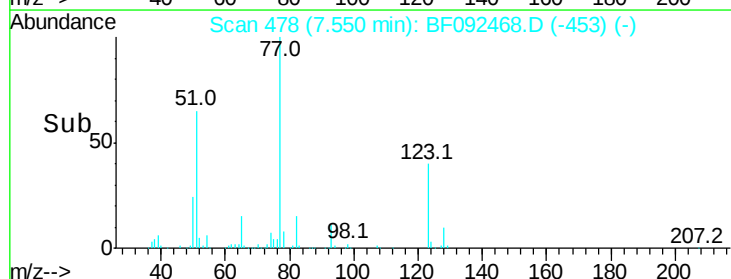
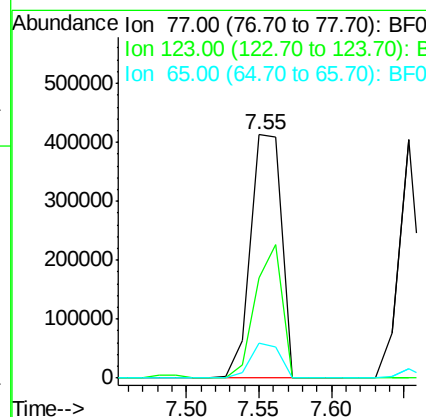
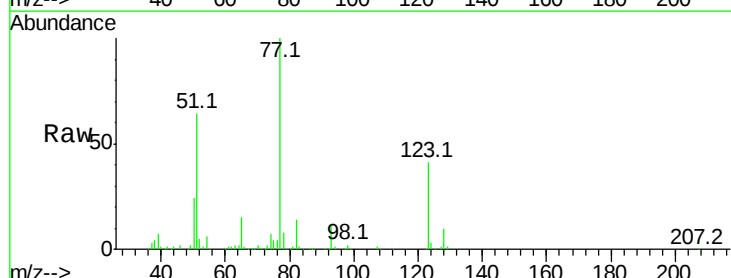
Instrument :
 BNA_F
 ClientSampled :

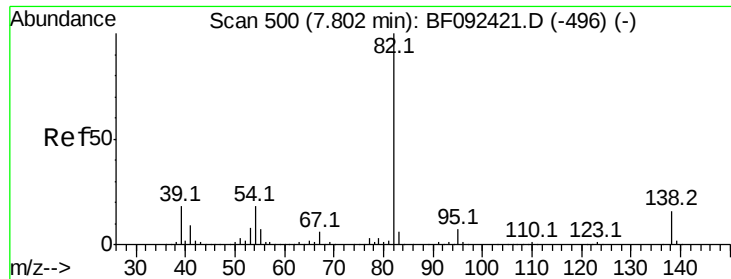
Tot Ion: 82 Resp: 1152911
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 52.0
 54 58.3 39.5 59.3



#24
 Nitrobenzene
 Concen: 45.38 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion: 77 Resp: 610473
 Ion Ratio Lower Upper
 77 100
 123 41.0 33.0 49.4
 65 14.5 11.2 16.8





#25

Isophorone

Concen: 44.66 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

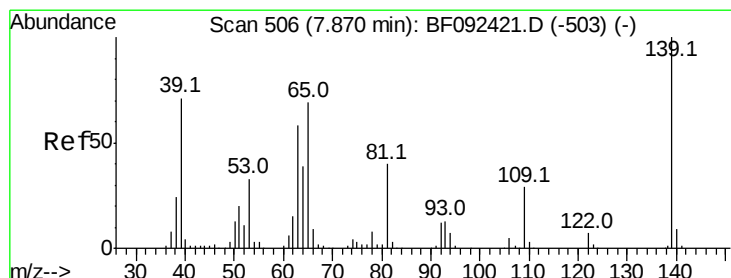
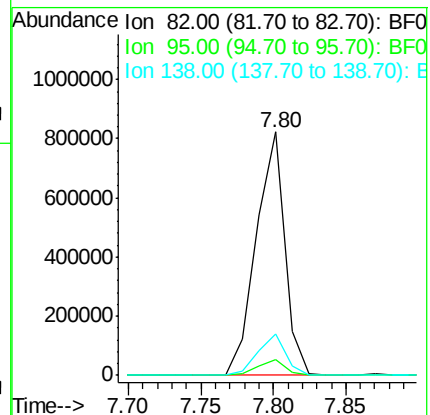
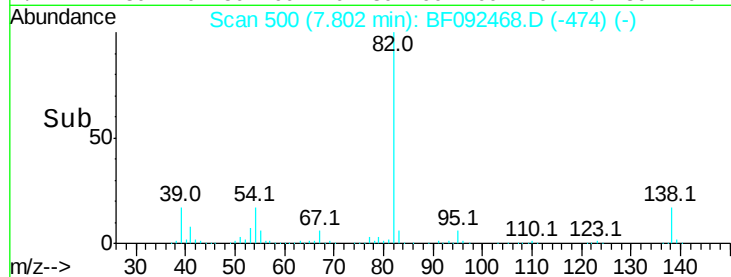
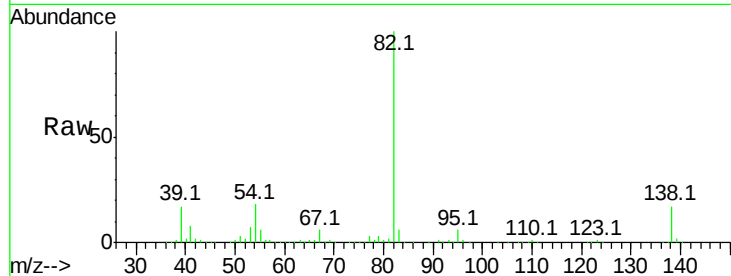
Tot Ion: 82 Resp: 1130118

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.0 14.6 22.0



#26

2-Nitrophenol

Concen: 49.20 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

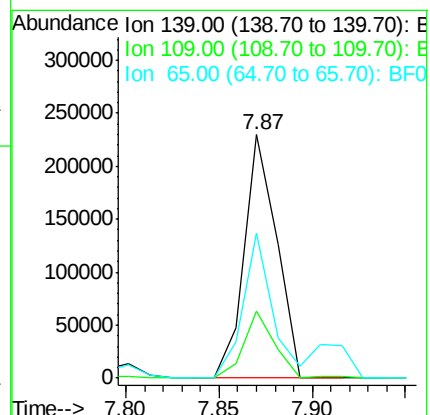
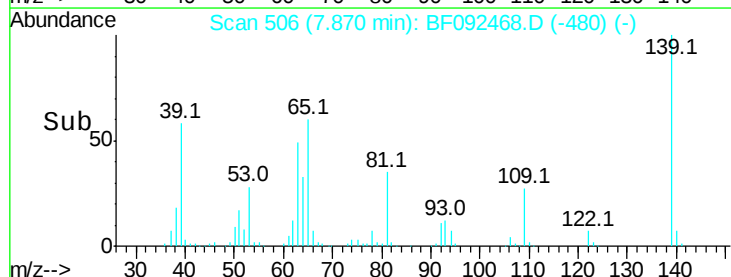
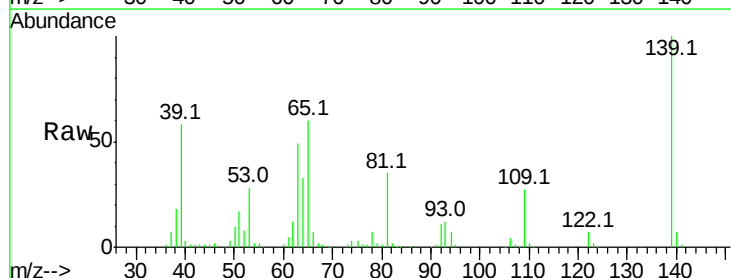
Tgt Ion:139 Resp: 277325

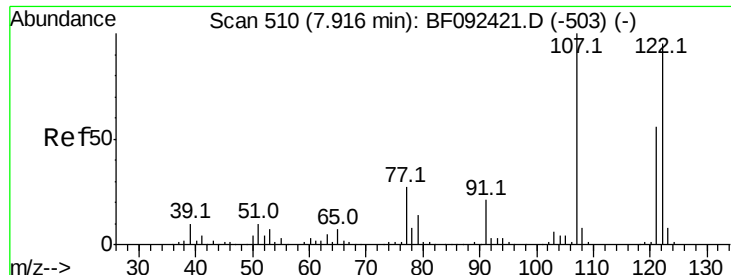
Ion Ratio Lower Upper

139 100

109 27.4 23.3 34.9

65 59.7 42.7 64.1

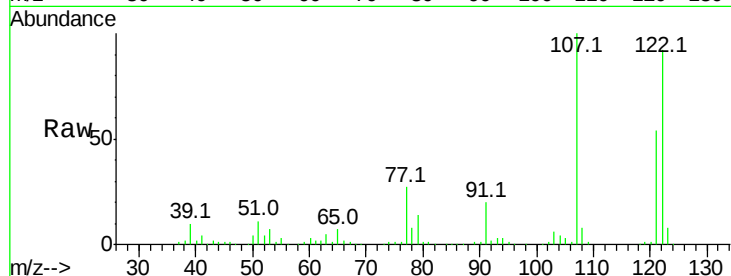




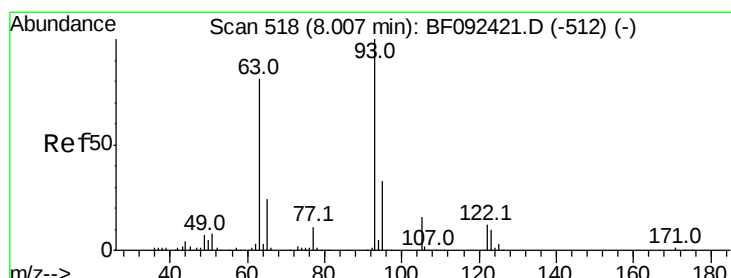
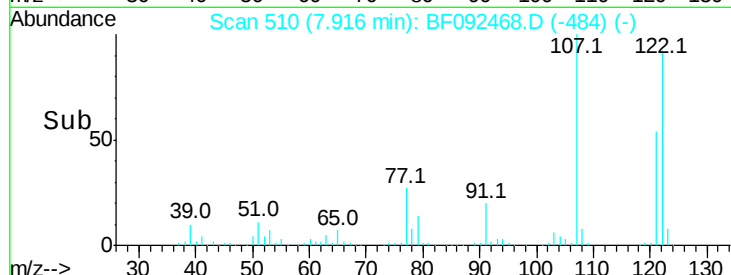
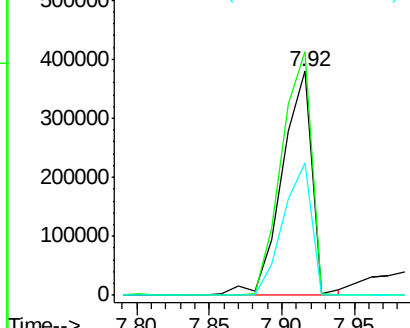
#27
2,4-Dimethylphenol
Concen: 46.35 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.6	94.1	141.1
121	58.8	46.0	69.0

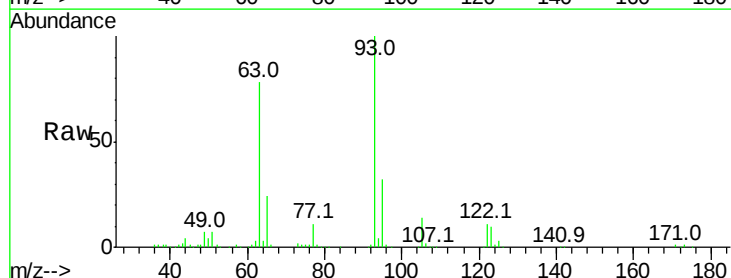


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

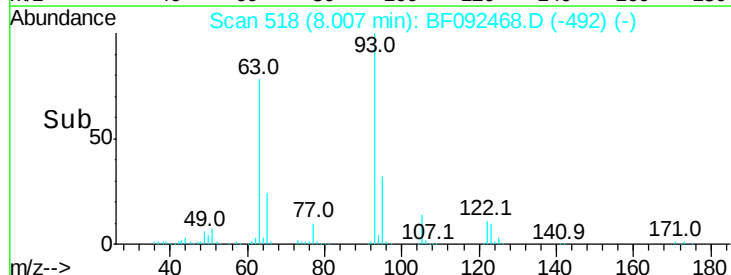
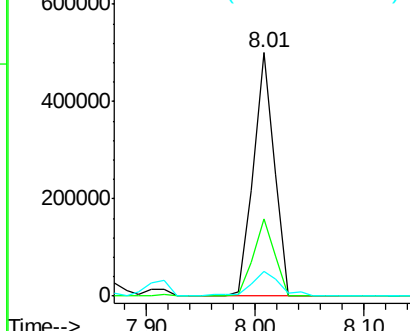


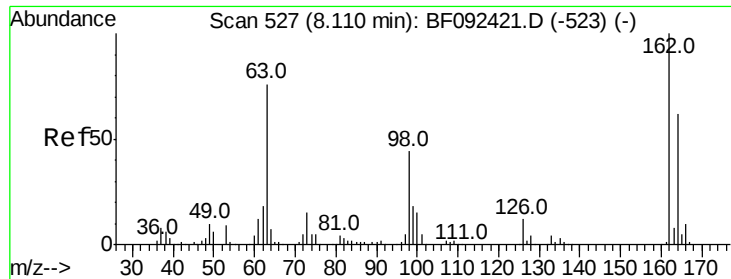
#28
bis(2-Chloroethoxy)methane
Concen: 40.53 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	10.3	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

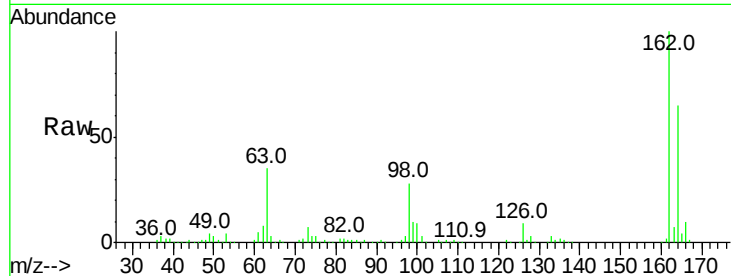




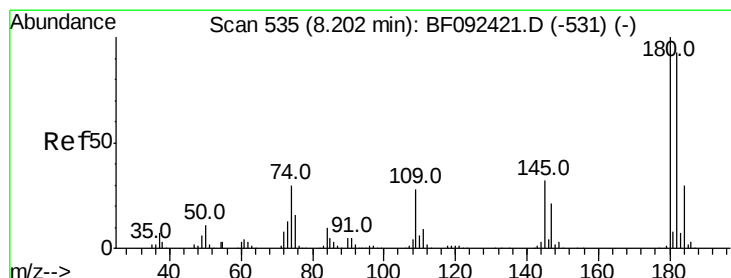
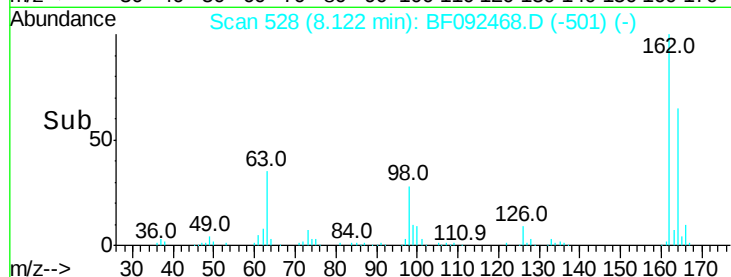
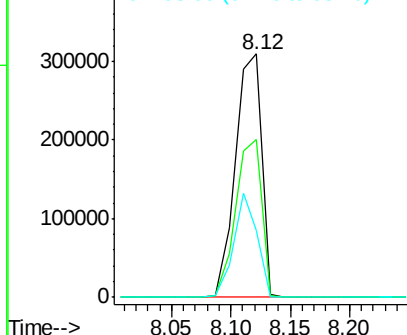
#29
 2,4-Dichlorophenol
 Concen: 46.94 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 477107
 Ion Ratio Lower Upper
 162 100
 164 65.0 46.8 86.8
 98 27.7 9.1 49.1

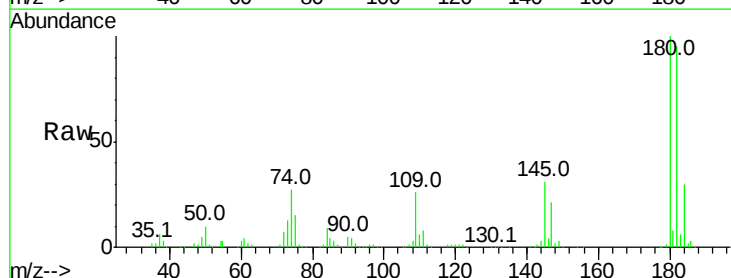


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

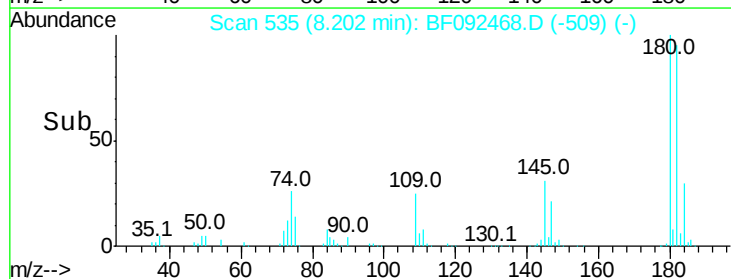
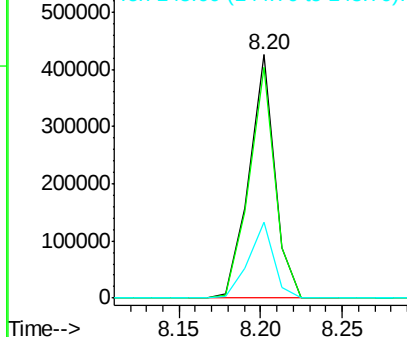


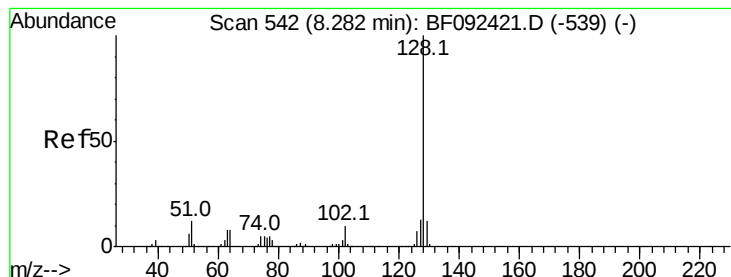
#30
 1,2,4-Trichlorobenzene
 Concen: 42.41 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion:180 Resp: 465891
 Ion Ratio Lower Upper
 180 100
 182 94.6 78.2 117.4
 145 31.2 21.6 32.4



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





#31

Naphthalene

Concen: 40.68 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

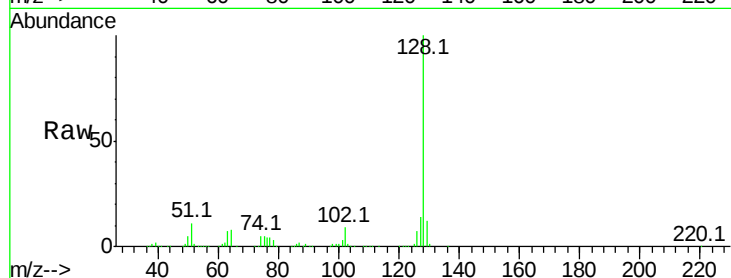
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1460370

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.6	10.8	16.2

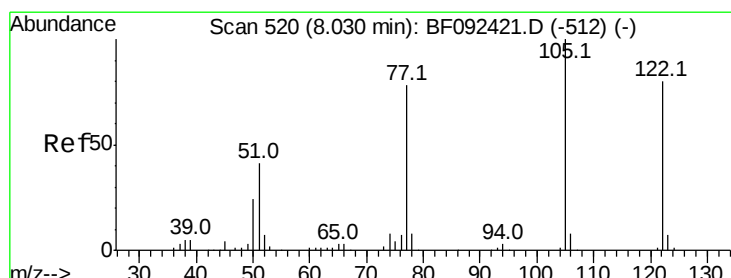
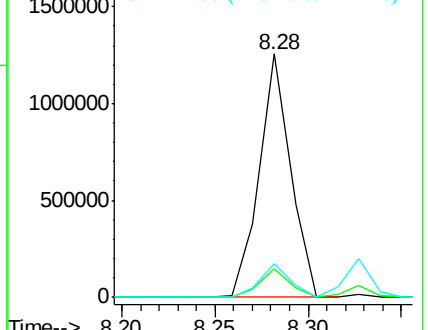
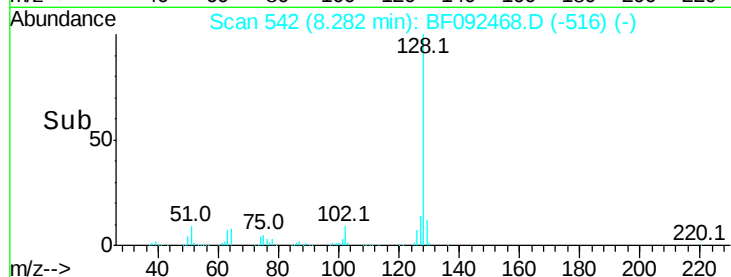


Abundance

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: 40.72 ng

RT: 8.04 min Scan# 521

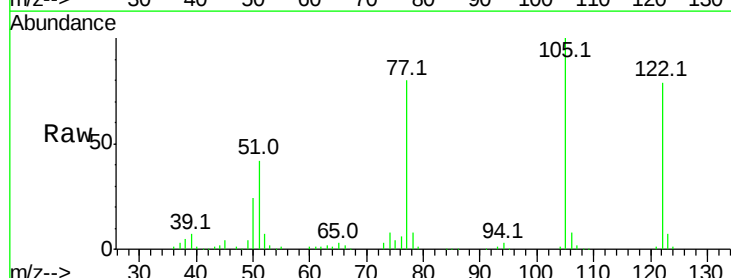
Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Tgt Ion:122 Resp: 349898

Ion	Ratio	Lower	Upper
122	100		
105	125.9	107.2	147.2
77	101.1	74.5	114.5

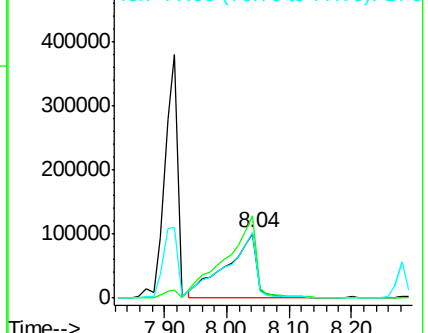
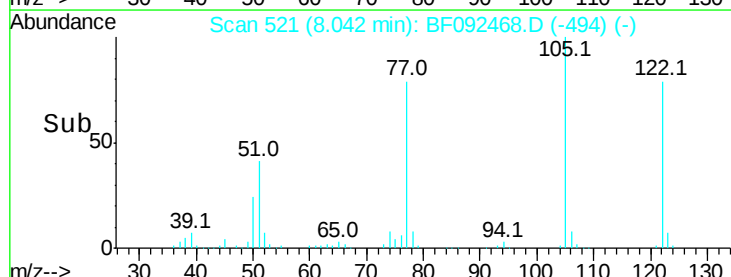


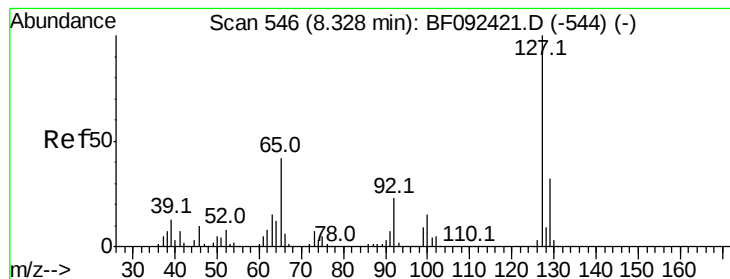
Abundance

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: 13.35 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 202678

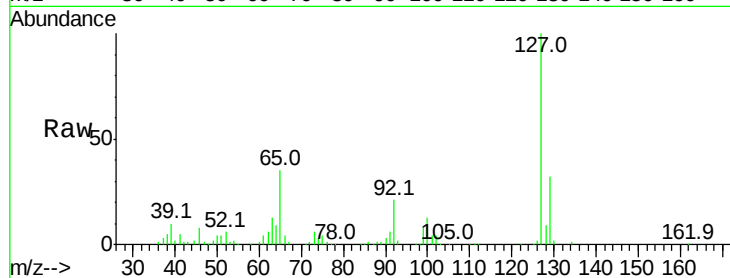
Ion Ratio Lower Upper

127 100

129 31.7 26.3 39.5

65 34.7 25.8 38.8

92 21.0 16.1 24.1

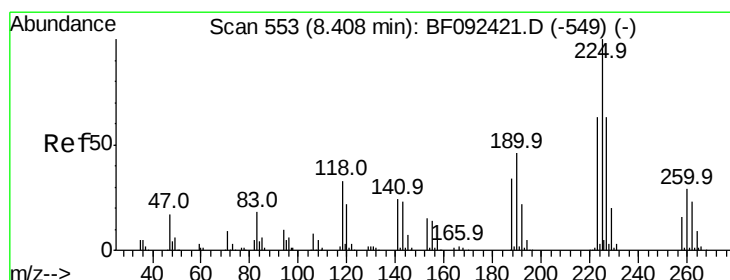
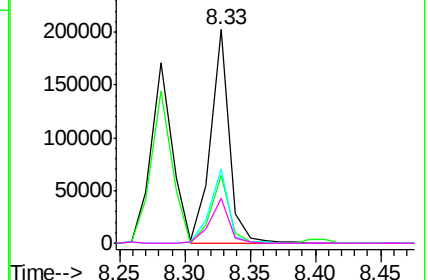
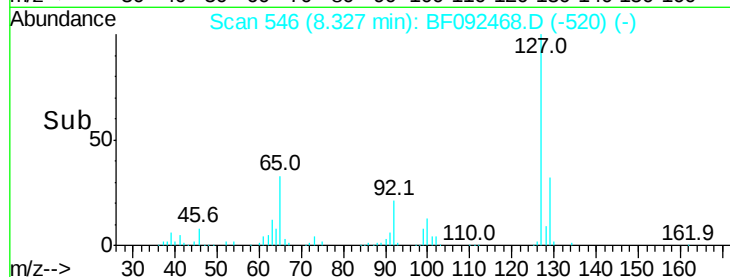


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.06 ng

RT: 8.41 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

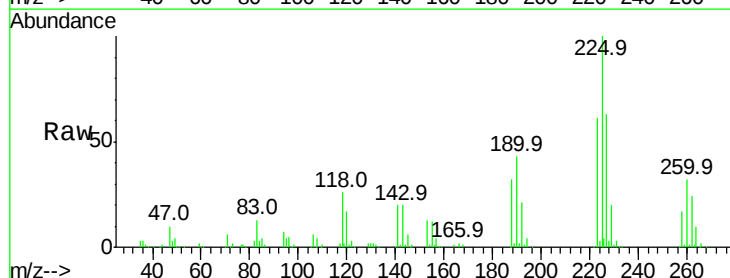
Tgt Ion:225 Resp: 264743

Ion Ratio Lower Upper

225 100

223 60.6 51.0 76.6

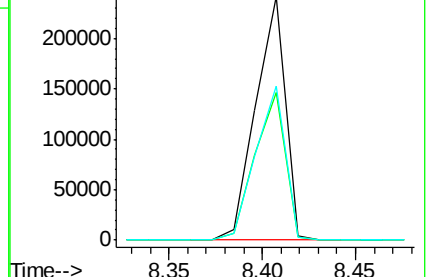
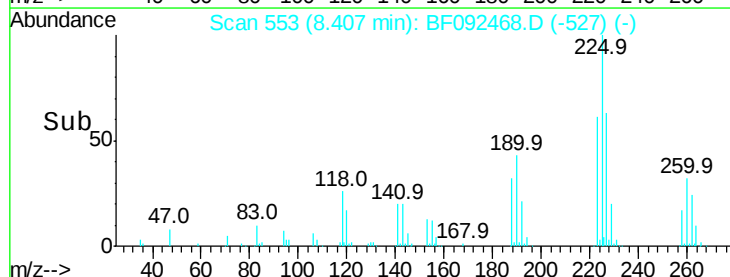
227 63.1 50.6 76.0

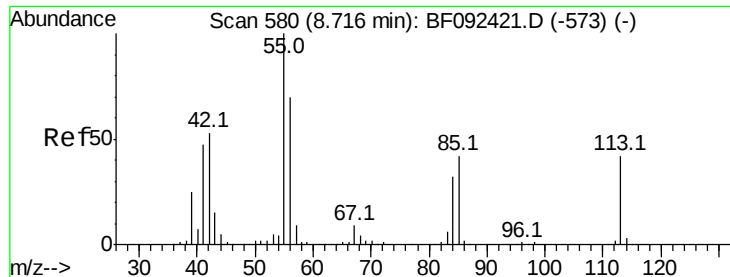


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

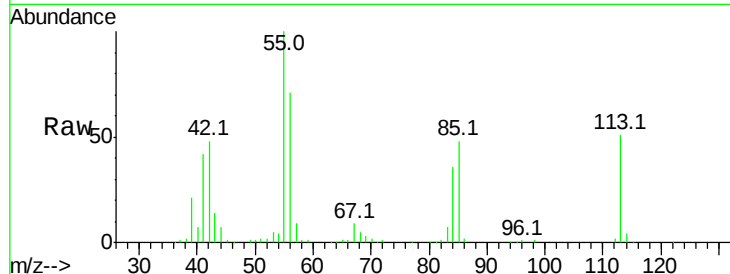




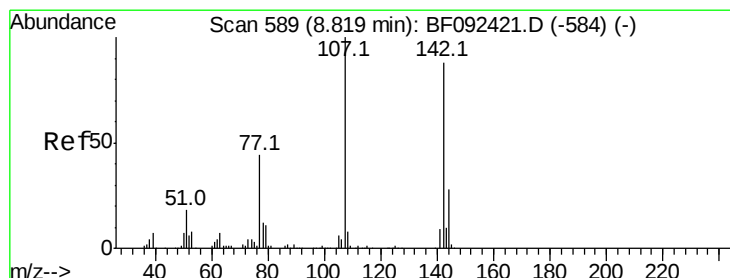
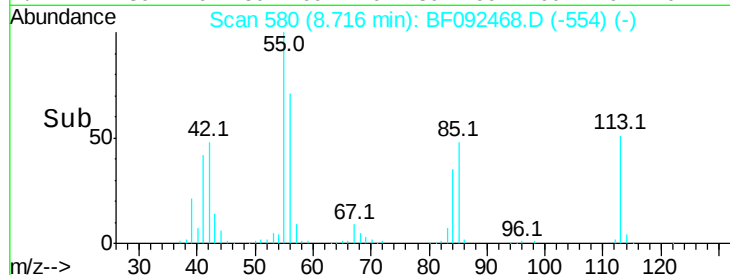
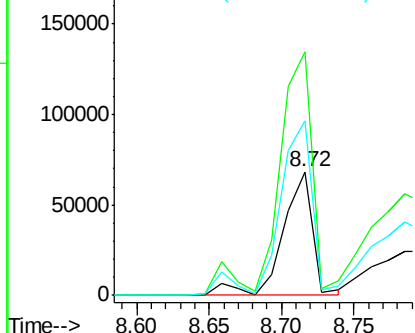
#35
Caprolactam
Concen: 28.70 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 97417
Ion Ratio Lower Upper
113 100
55 196.6 119.2 159.2#
56 140.5 83.8 123.8#

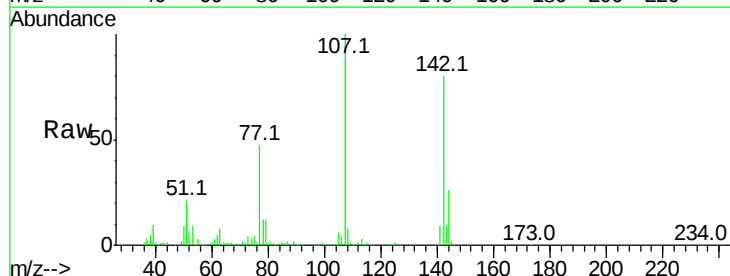


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

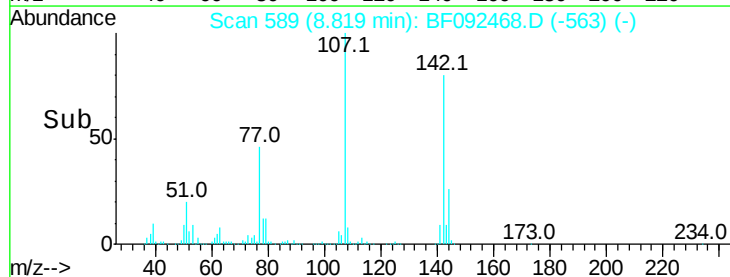
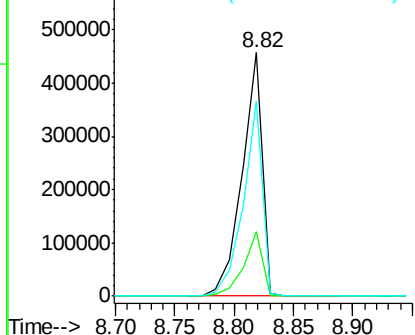


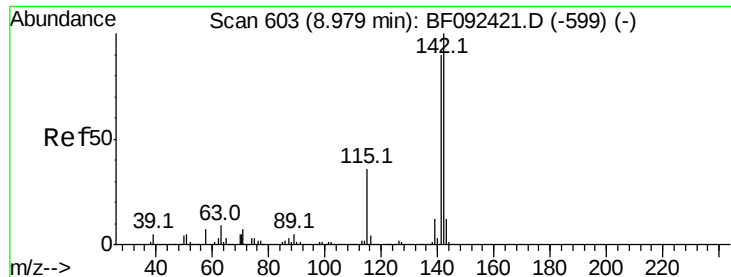
#36
4-Chloro-3-methylphenol
Concen: 49.51 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion:107 Resp: 542617
Ion Ratio Lower Upper
107 100
144 26.3 19.3 28.9
142 79.9 59.0 88.6



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





#37

2-Methylnaphthalene

Concen: 43.16 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

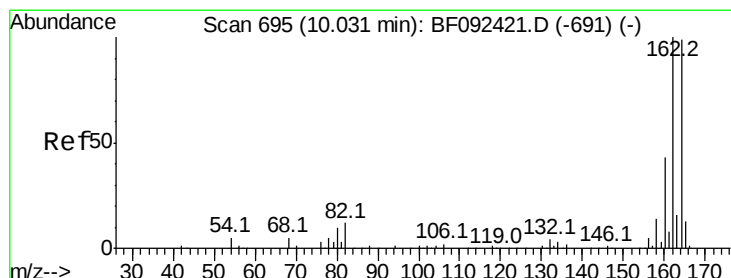
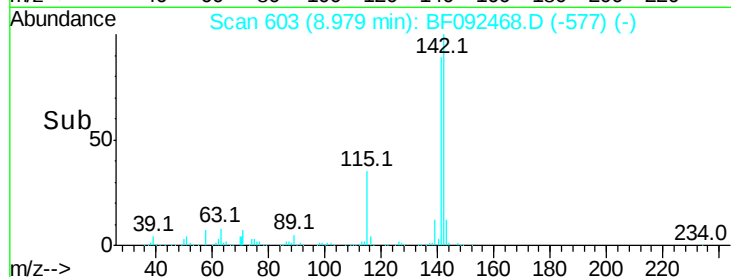
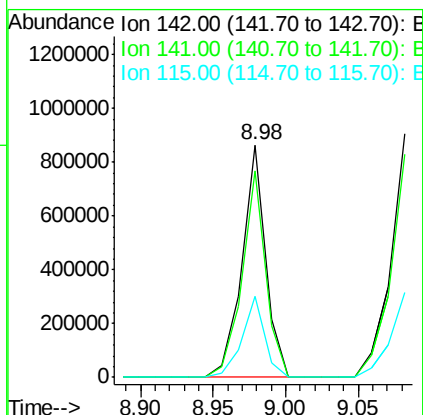
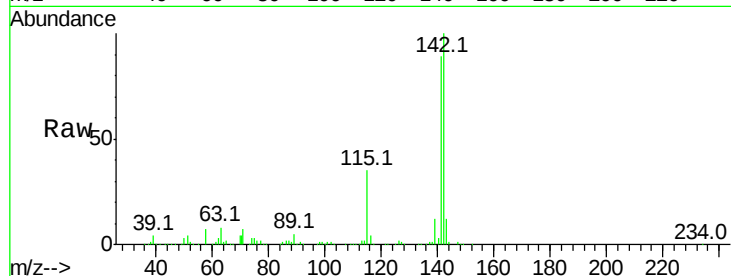
Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 980941

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	35.1	28.3	42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

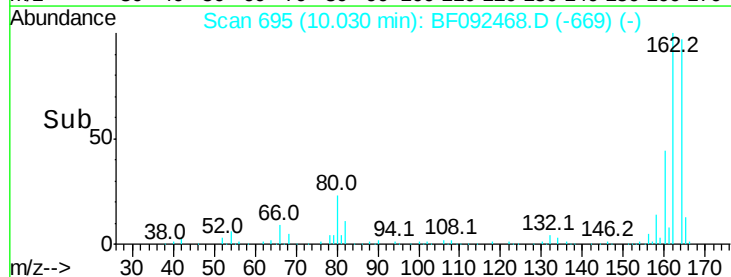
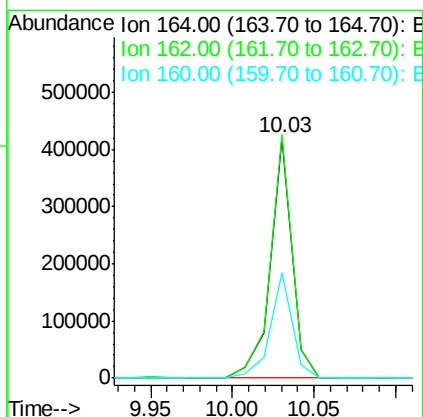
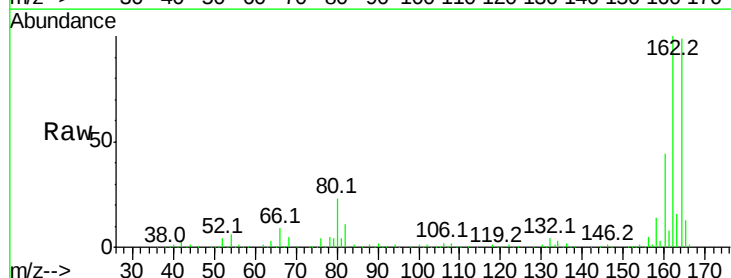
Delta R.T. -0.00 min

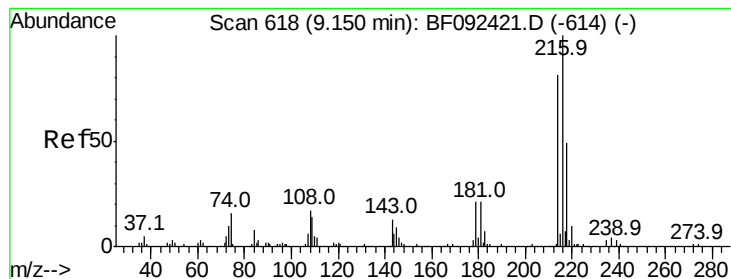
Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Tgt Ion:164 Resp: 389926

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	44.1	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.75 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 469702

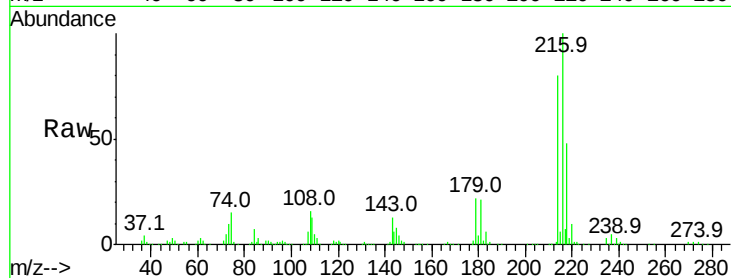
Ion Ratio Lower Upper

216 100

214 80.4 63.4 95.0

179 22.4 17.4 26.2

108 21.1 15.6 23.4

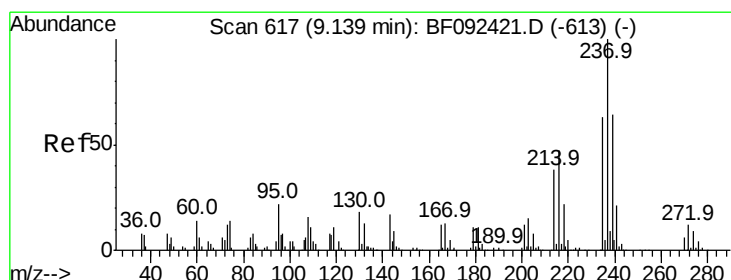
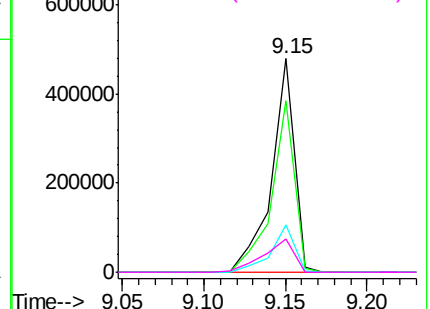
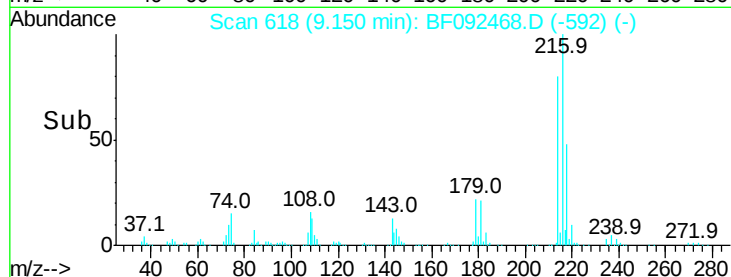


Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.26 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

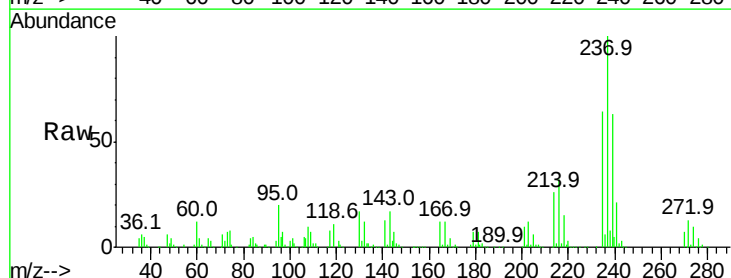
Tgt Ion:237 Resp: 459387

Ion Ratio Lower Upper

237 100

235 63.9 41.2 81.2

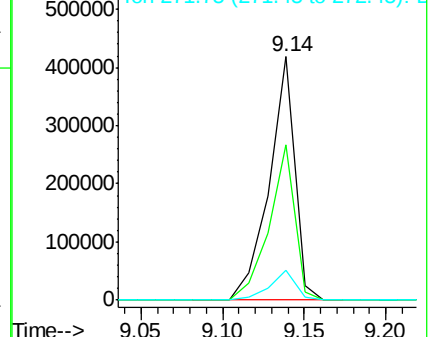
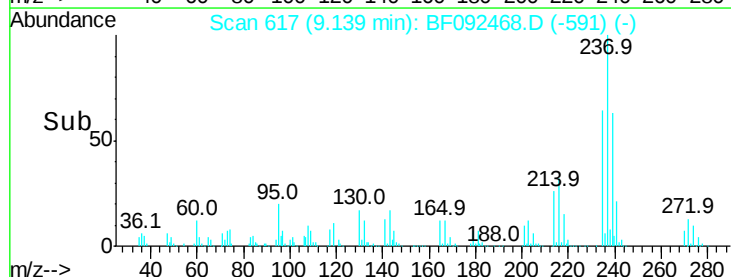
272 12.5 0.0 35.4

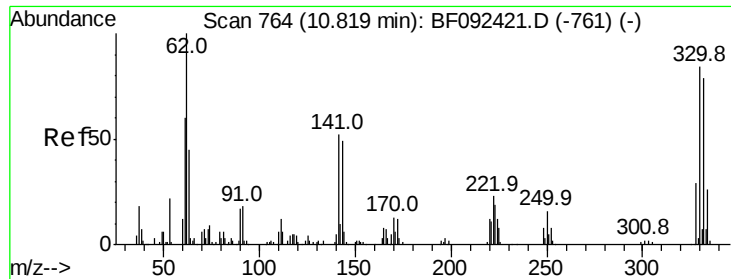


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 147.90 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampleId :

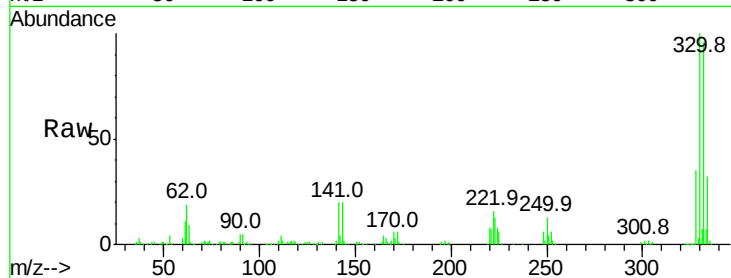
Tot Ion:330 Resp: 393002

Ion Ratio Lower Upper

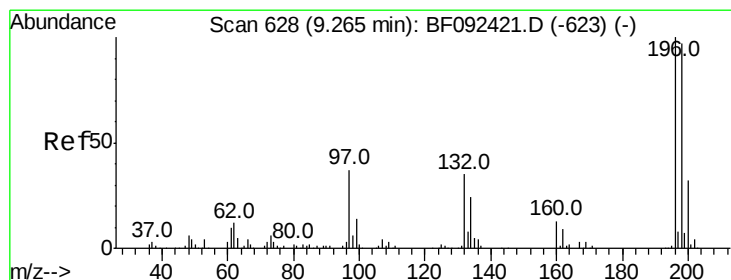
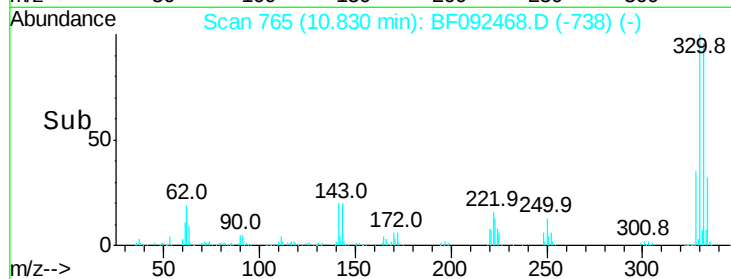
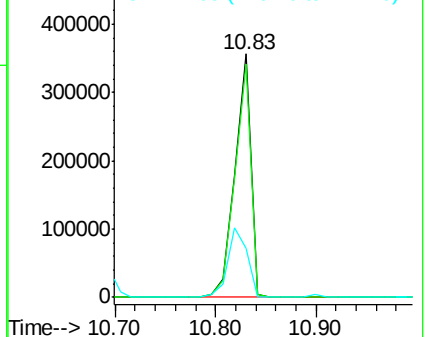
330 100

332 96.3 77.4 116.2

141 34.9 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: 48.47 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

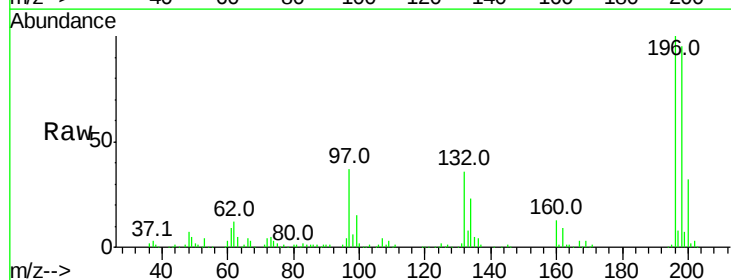
Tgt Ion:196 Resp: 365232

Ion Ratio Lower Upper

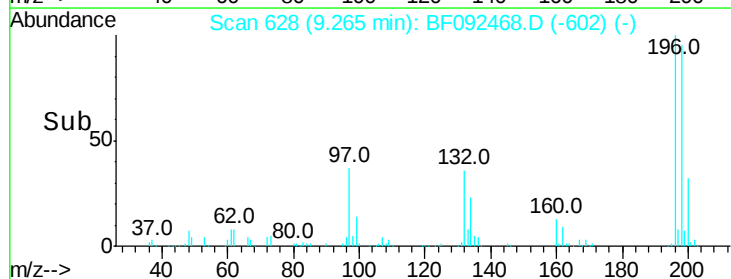
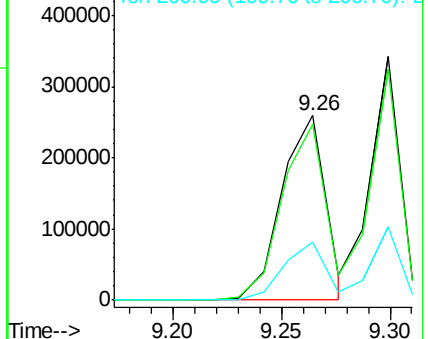
196 100

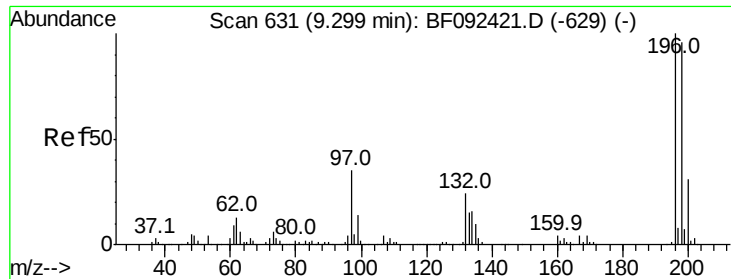
198 95.5 82.1 123.1

200 31.6 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

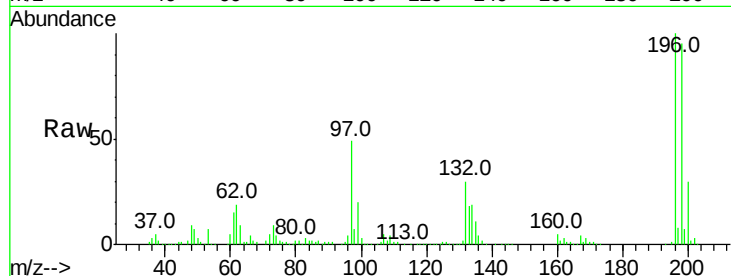




#43
 2,4,5-Trichlorophenol
 Concen: 47.15 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	79.4	119.2
97	49.0	51.5	77.3
132	29.8	27.4	41.2



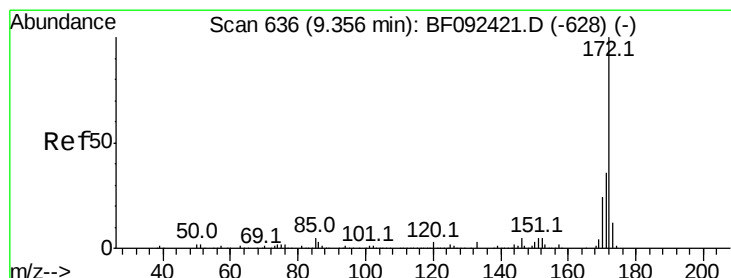
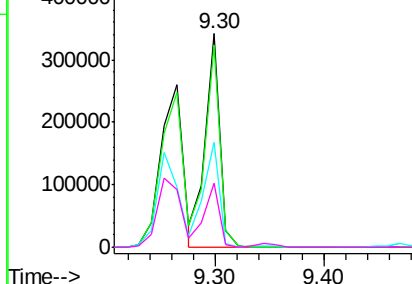
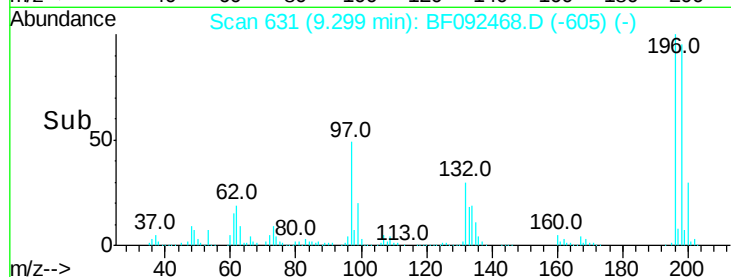
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

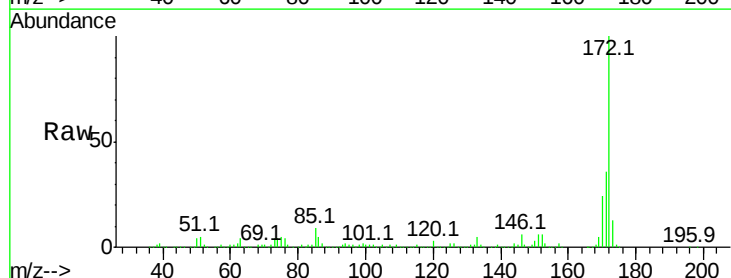
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.47 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.5	20.2	30.4

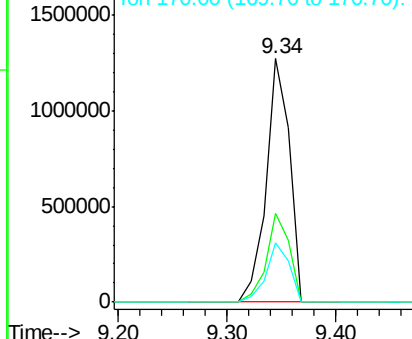
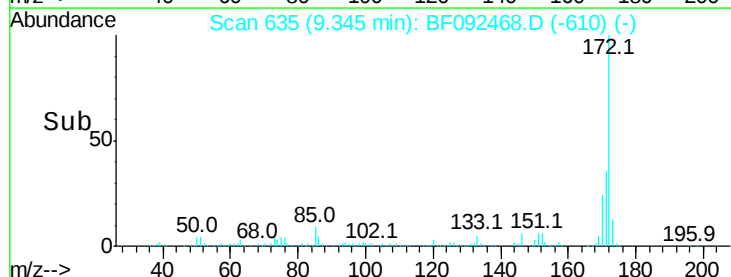


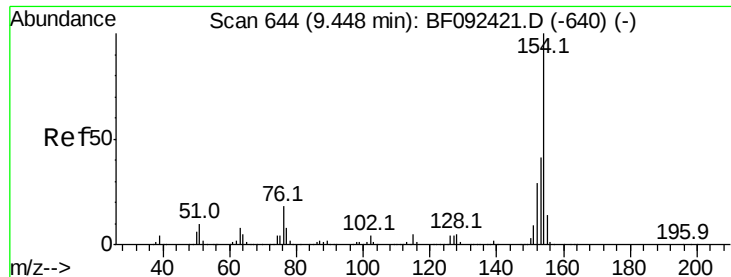
Abundance

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: 42.40 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

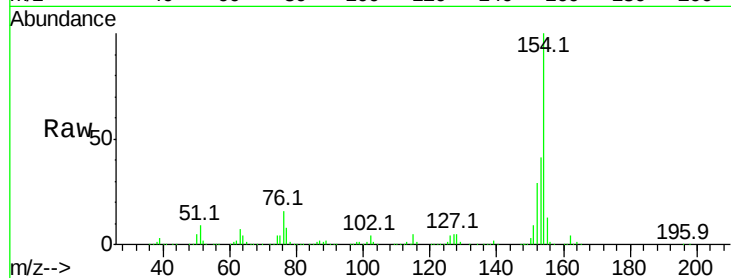
Tot Ion:154 Resp: 1195022

Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

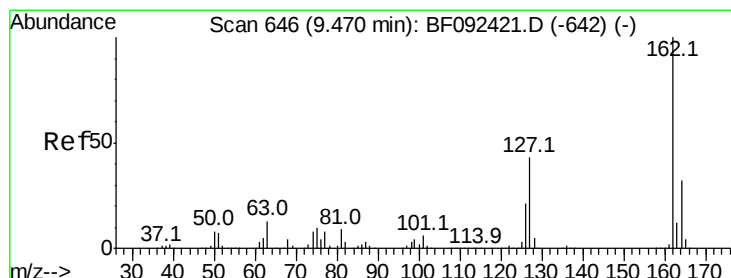
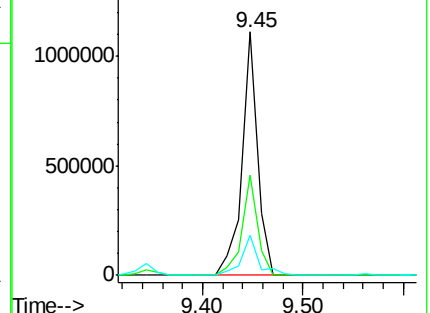
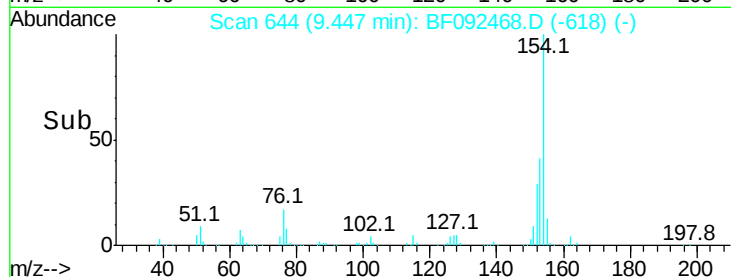
76 16.5 0.0 30.5



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: 40.86 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

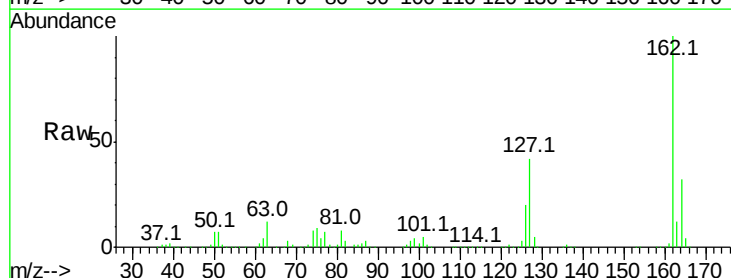
Tgt Ion:162 Resp: 940732

Ion Ratio Lower Upper

162 100

127 42.4 30.7 46.1

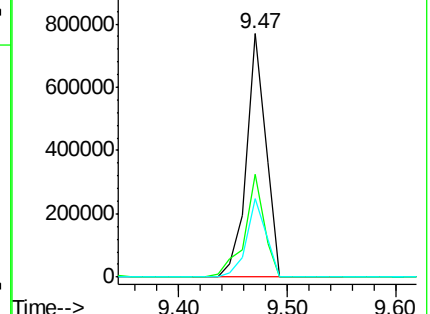
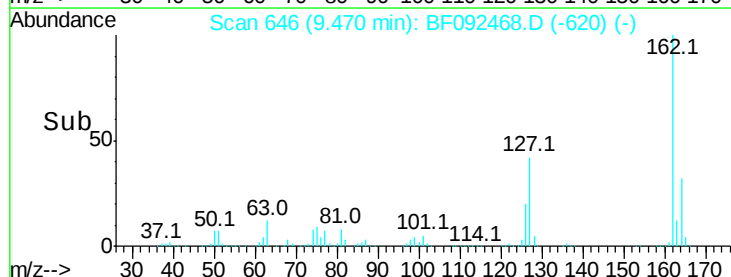
164 32.4 27.6 41.4

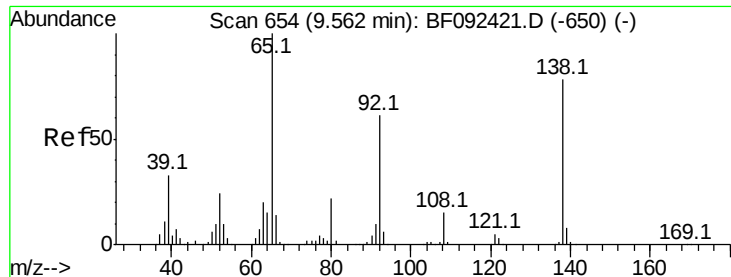


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

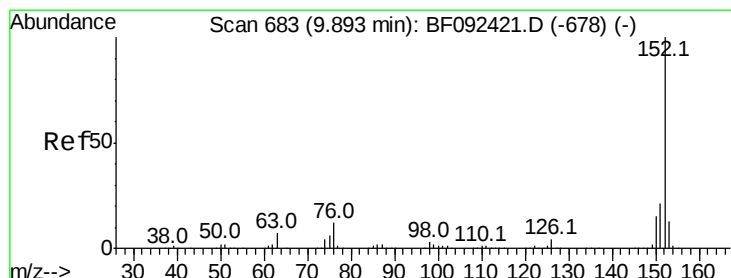
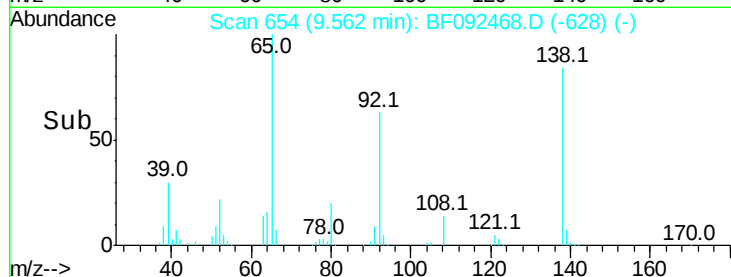
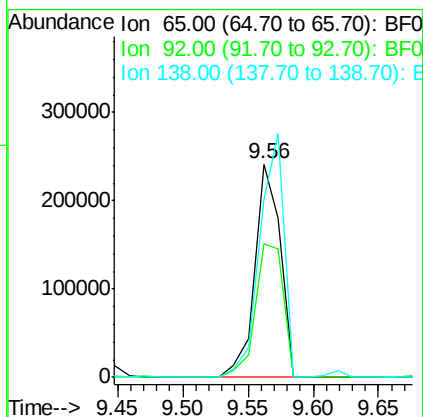
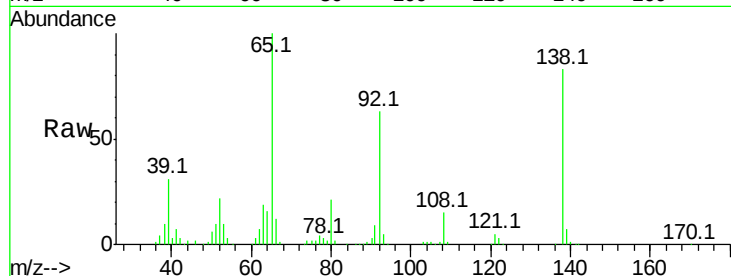




#47
2-Nitroaniline
Concen: 42.57 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

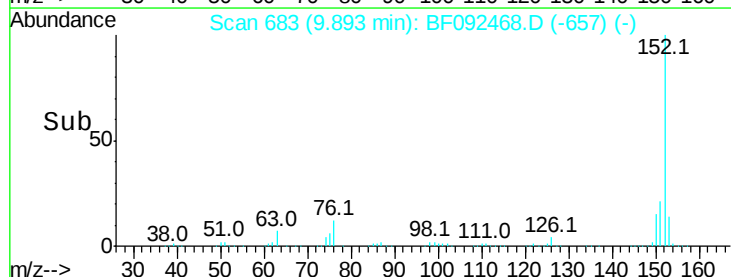
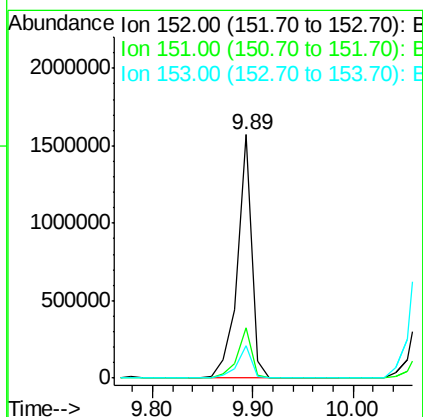
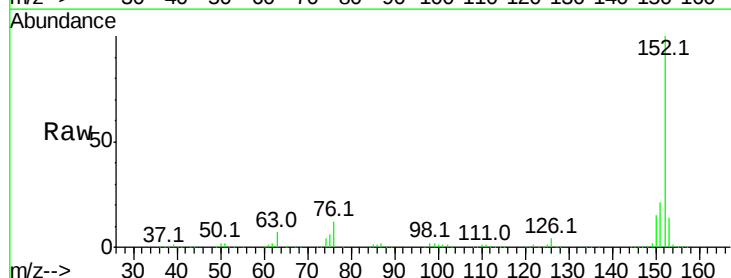
Instrument :
BNA_F
ClientSampleId :

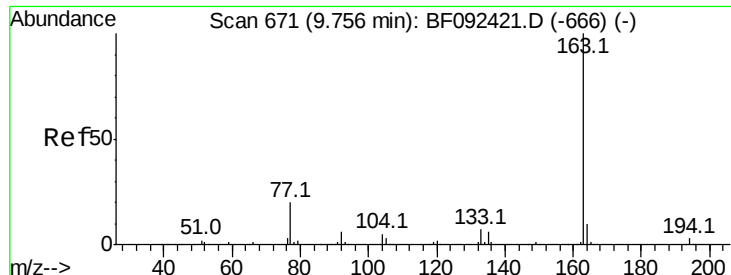
Tot Ion: 65 Resp: 330044
Ion Ratio Lower Upper
65 100
92 62.5 53.9 80.9
138 83.2 76.8 115.2



#48
Acenaphthylene
Concen: 45.74 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion:152 Resp: 1544500
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.6 11.4 17.2

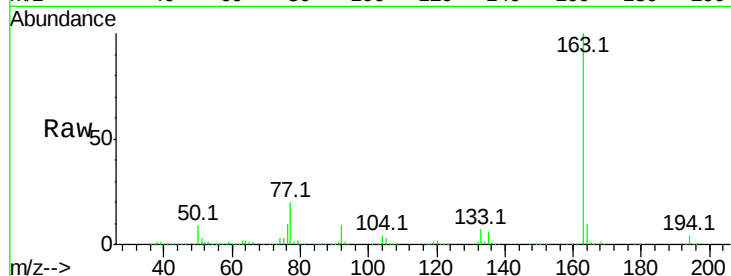




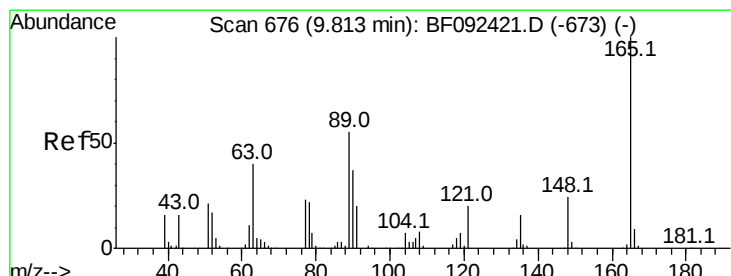
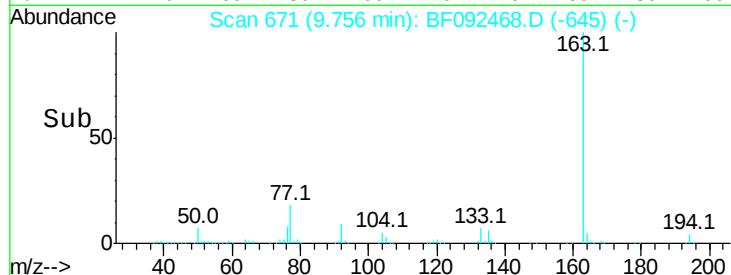
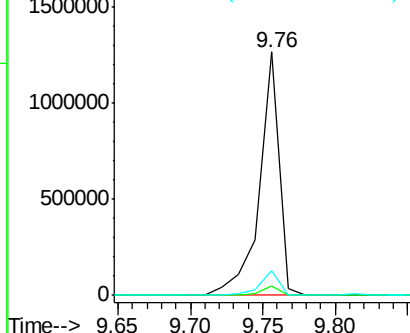
#49
Dimethylphthalate
Concen: 48.13 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1193480
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.0 8.0 12.0

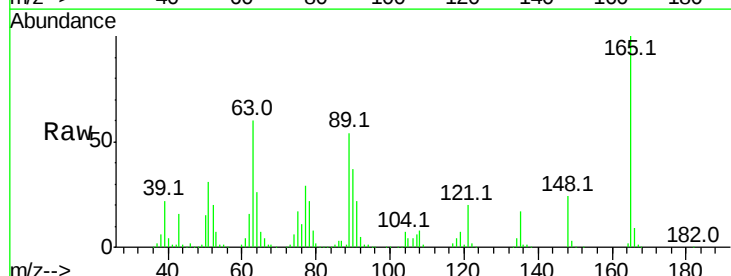


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

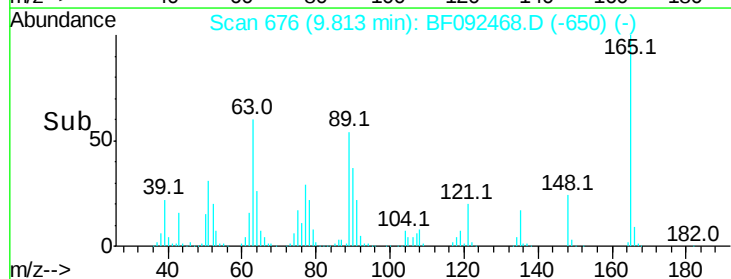
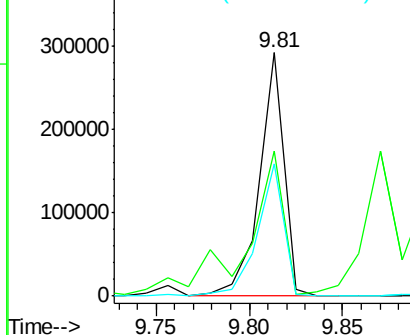


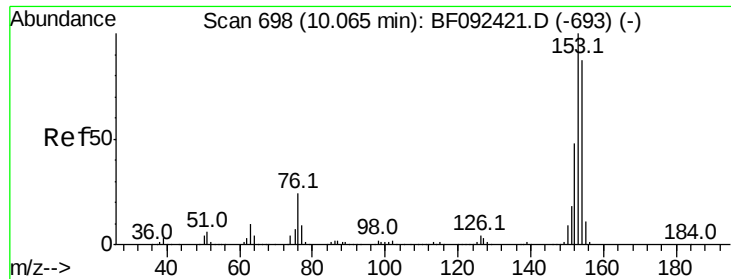
#50
2,6-Dinitrotoluene
Concen: 52.08 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion:165 Resp: 263943
Ion Ratio Lower Upper
165 100
63 59.6 36.2 54.4#
89 54.4 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: 49.02 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

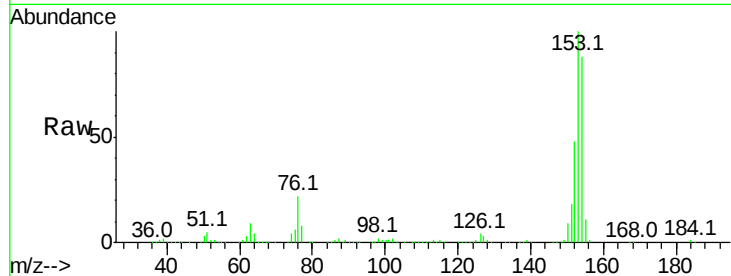
Tot Ion:154 Resp: 1028531

Ion Ratio Lower Upper

154 100

153 113.2 88.6 133.0

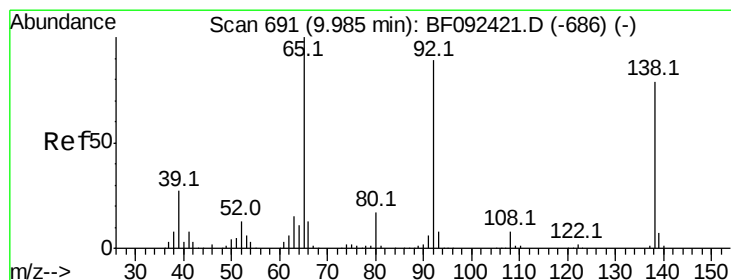
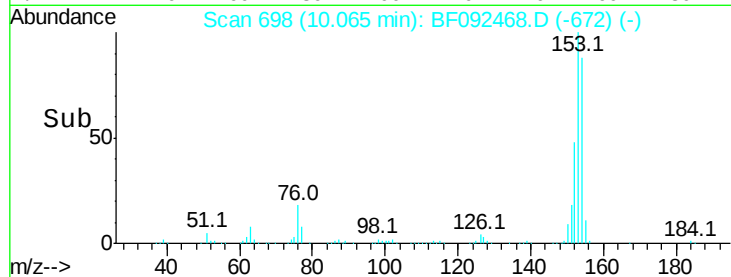
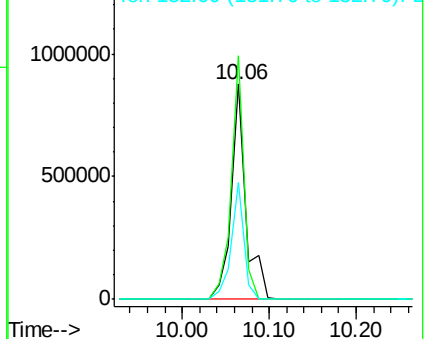
152 54.3 41.6 62.4



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: 23.36 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

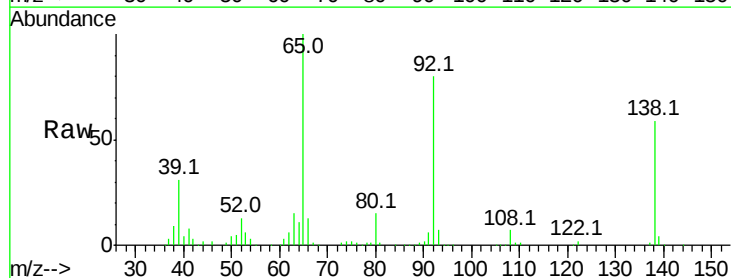
Tgt Ion:138 Resp: 148257

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

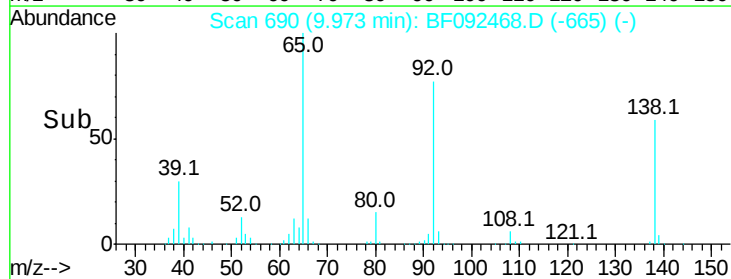
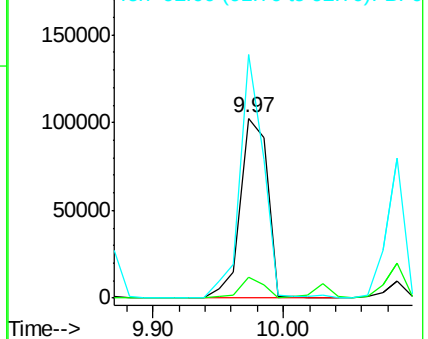
92 135.3 97.8 146.8

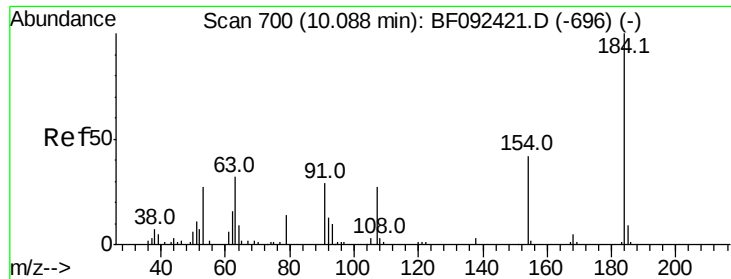


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

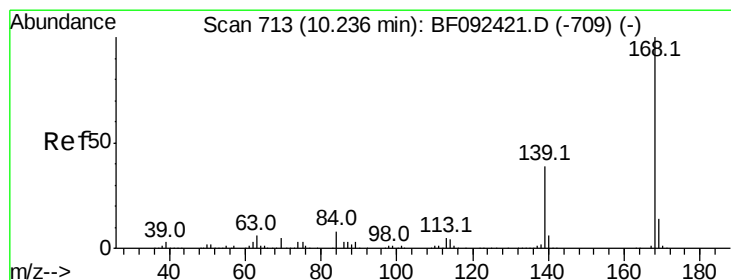
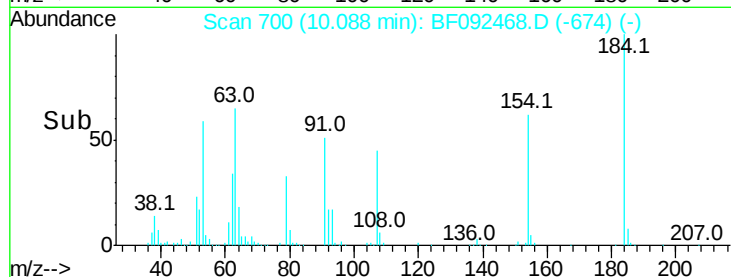
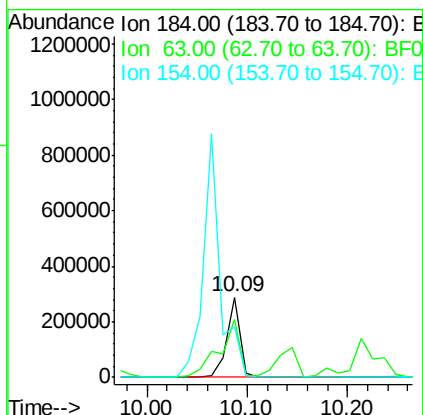
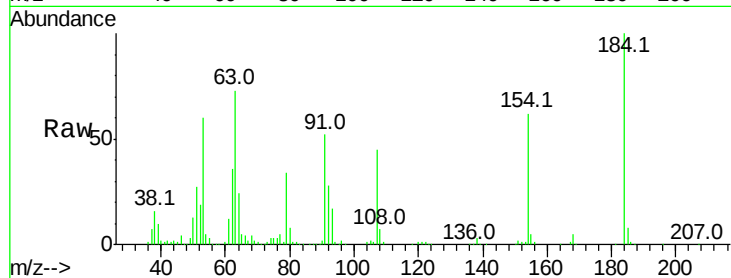




#53
 2,4-Dinitrophenol
 Concen: 78.68 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

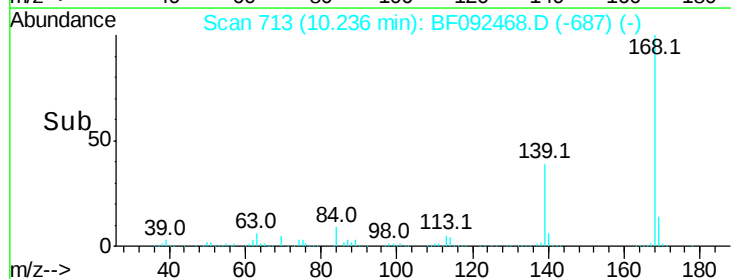
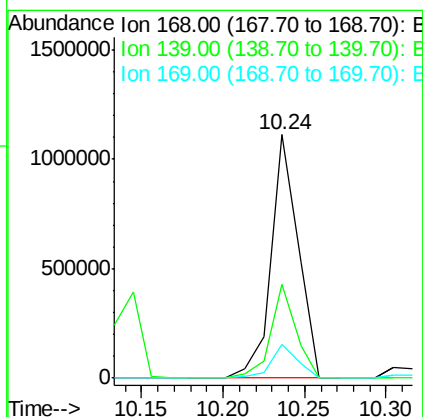
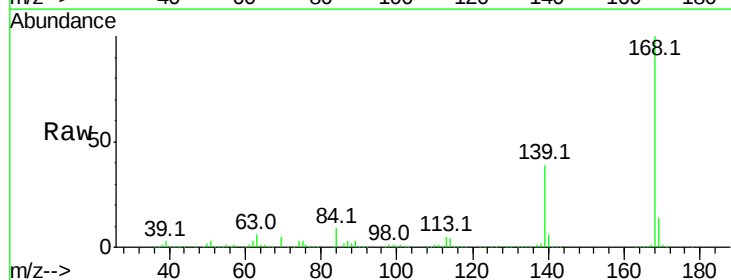
Instrument :
 BNA_F
 ClientSampled :

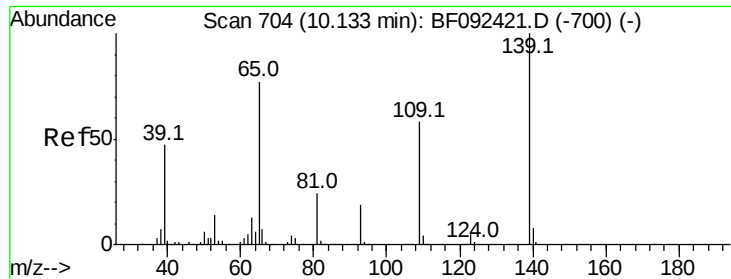
Tot Ion:184 Resp: 262378
 Ion Ratio Lower Upper
 184 100
 63 73.3 28.4 42.6#
 154 62.4 44.3 66.5



#54
 Dibenzofuran
 Concen: 45.33 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion:168 Resp: 1291365
 Ion Ratio Lower Upper
 168 100
 139 38.7 32.6 49.0
 169 14.0 11.3 16.9

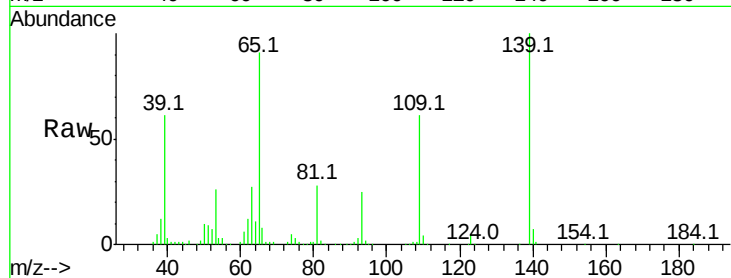




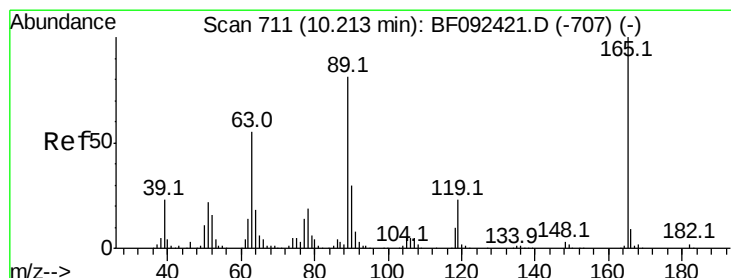
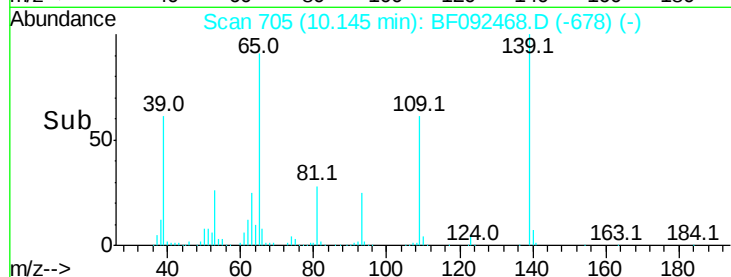
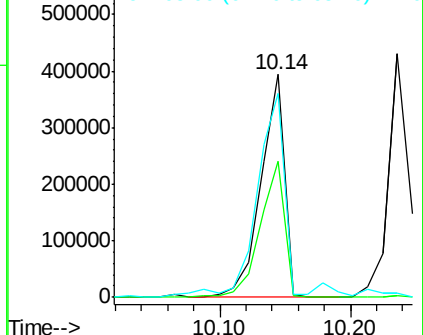
#55
4-Nitrophenol
Concen: 98.16 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 494809
Ion Ratio Lower Upper
139 100
109 61.1 52.2 92.2
65 91.4 85.8 125.8

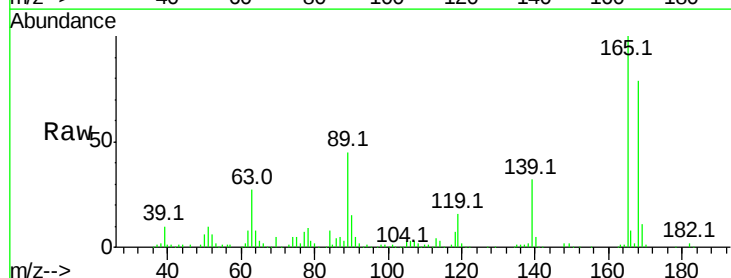


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

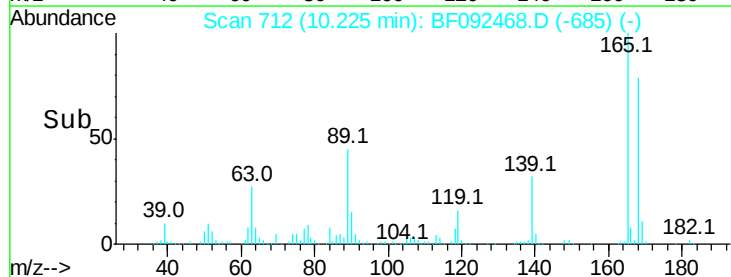
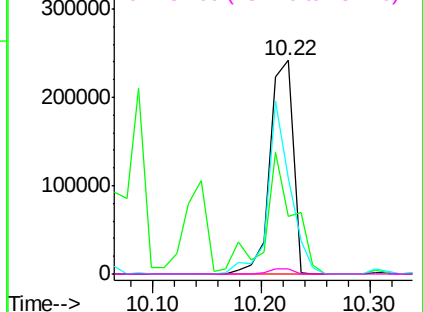


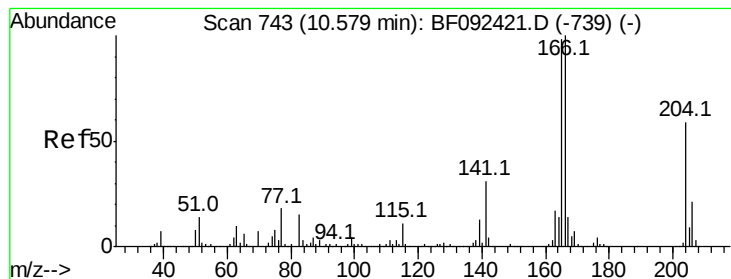
#56
2,4-Dinitrotoluene
Concen: 52.74 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion:165 Resp: 354808
Ion Ratio Lower Upper
165 100
63 27.2 40.2 60.4#
89 44.8 62.5 93.7#
182 2.4 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: 43.60 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

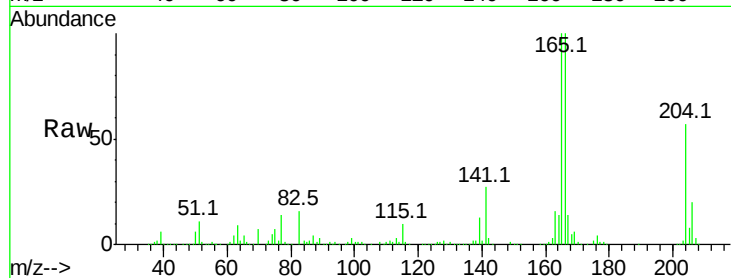
Tot Ion:166 Resp: 921150

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.8

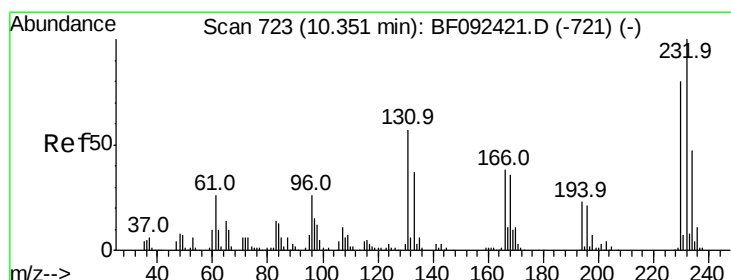
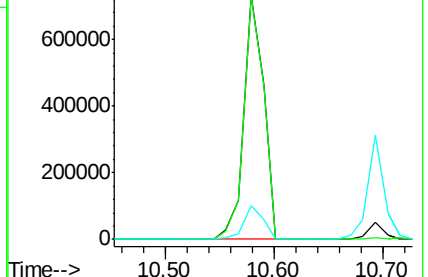
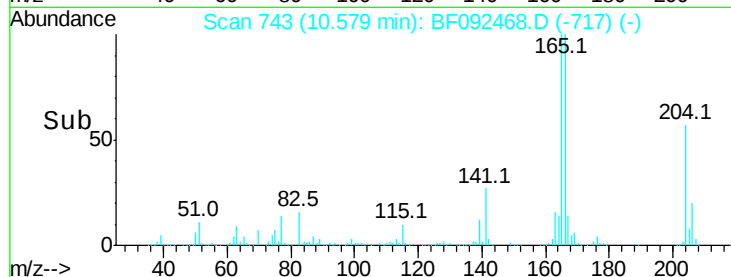
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.01 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Tgt Ion:232 Resp: 258336

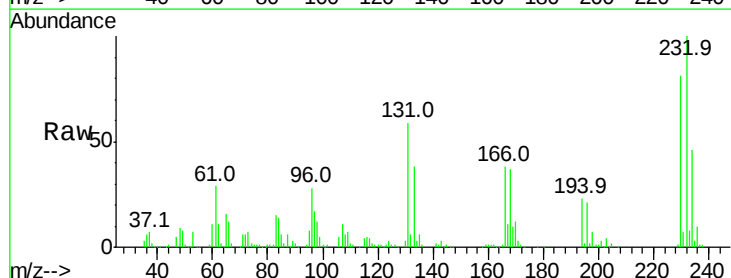
Ion Ratio Lower Upper

232 100

131 47.6 40.1 60.1

130 2.4 1.8 2.8

166 32.5 26.6 39.8

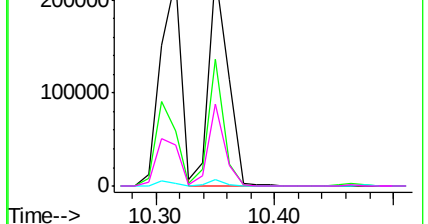
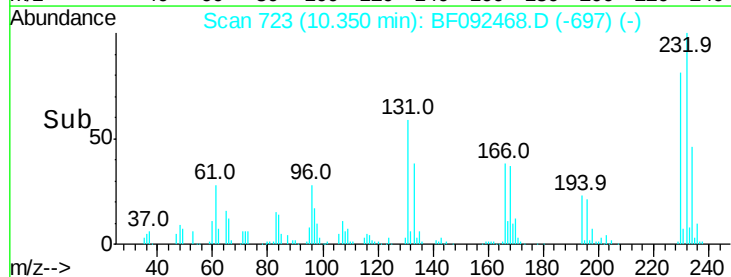


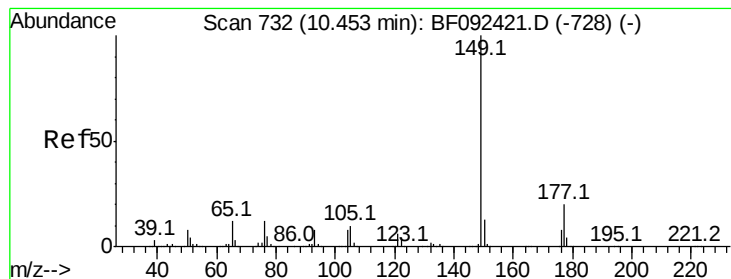
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.80 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampled :

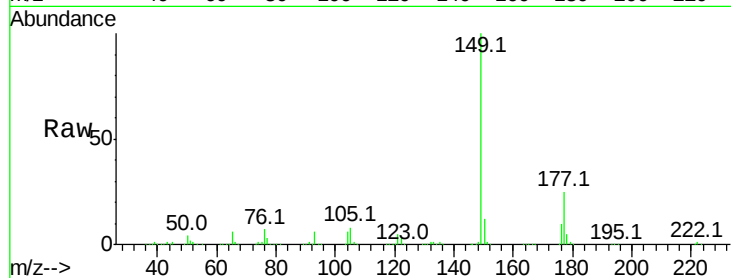
Tot Ion:149 Resp: 1136405

Ion Ratio Lower Upper

149 100

177 25.1 16.6 25.0#

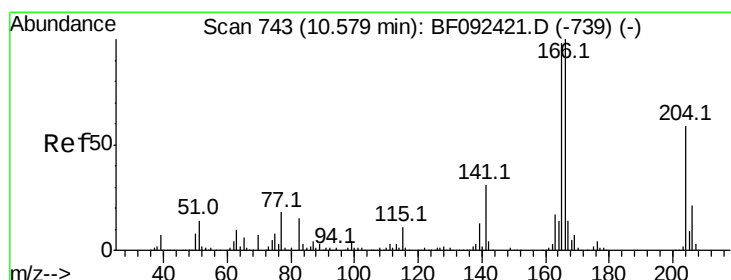
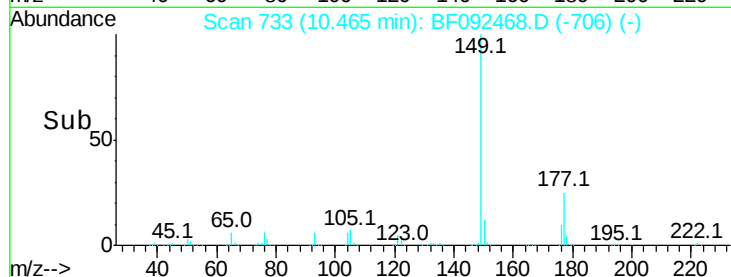
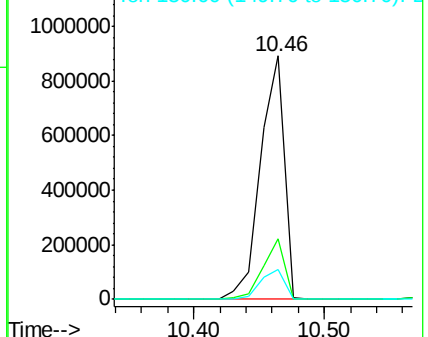
150 12.4 10.4 15.6



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: 45.64 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

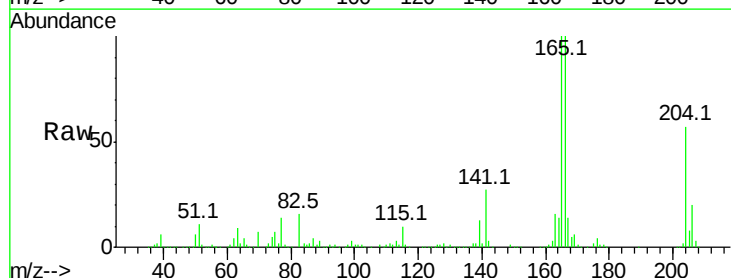
Tgt Ion:204 Resp: 467578

Ion Ratio Lower Upper

204 100

206 34.3 25.8 38.6

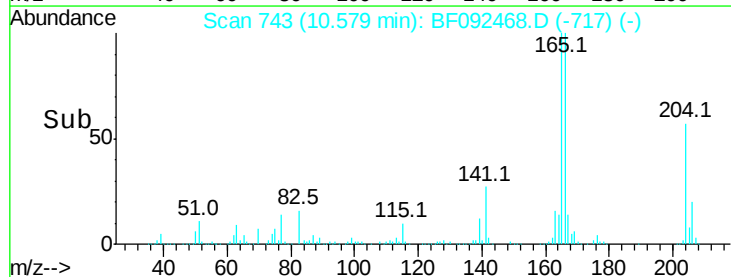
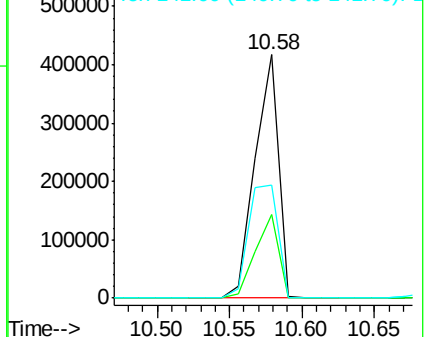
141 46.5 59.4 89.0#

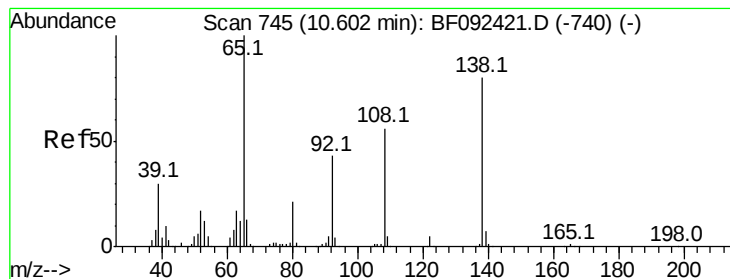


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.34 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampled :

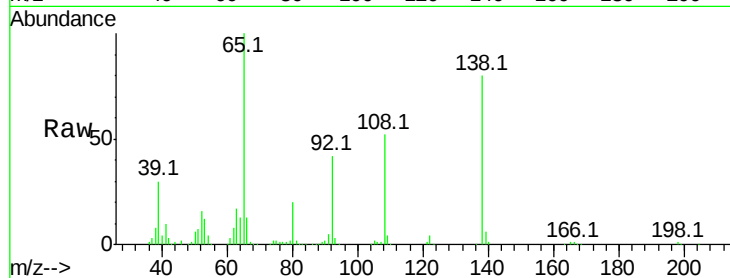
Tot Ion:138 Resp: 262451

Ion Ratio Lower Upper

138 100

92 52.7 31.7 71.7

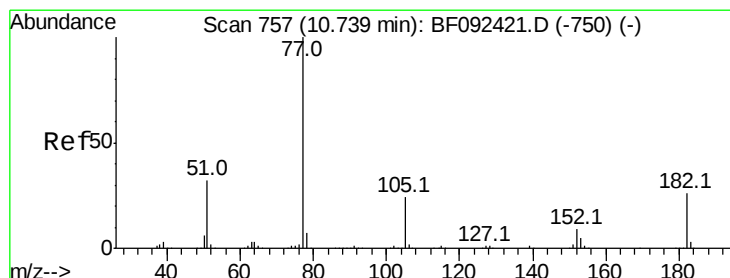
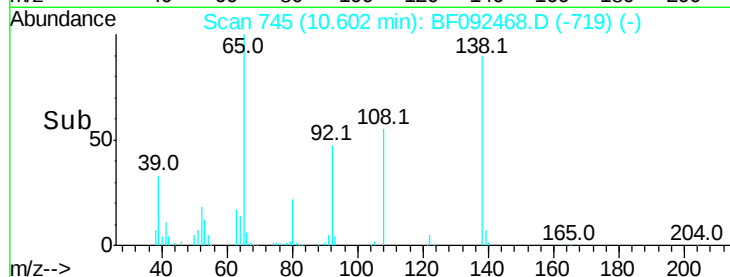
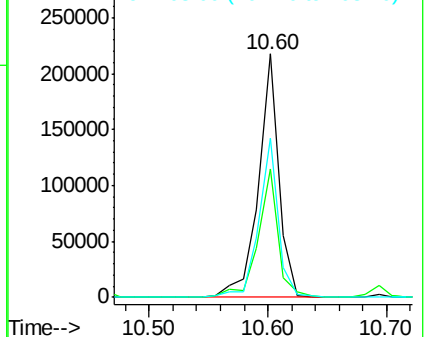
108 65.3 52.6 92.6



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: 49.85 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Tgt Ion: 77 Resp: 1348852

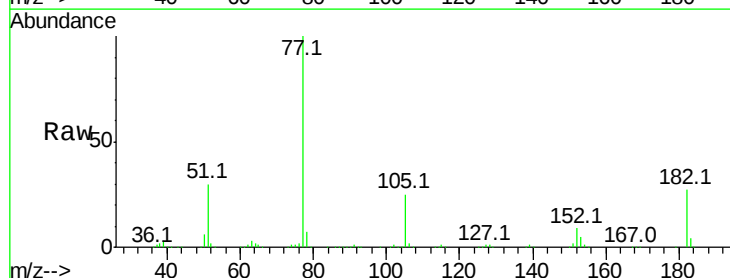
Ion Ratio Lower Upper

77 100

182 26.7 0.0 39.3

105 24.7 2.3 42.3

51 30.1 8.9 48.9

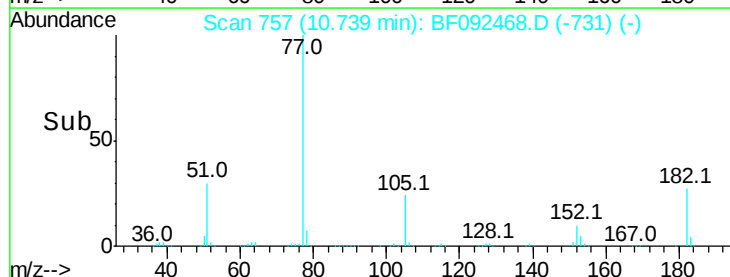
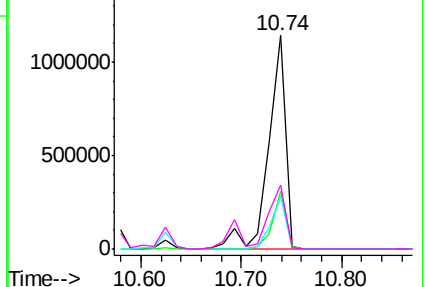


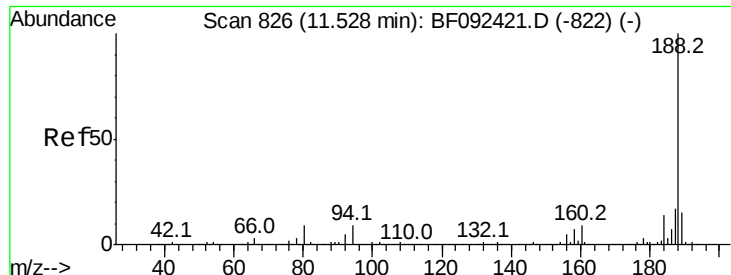
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

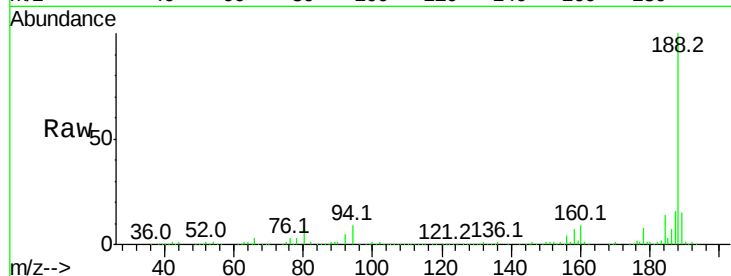




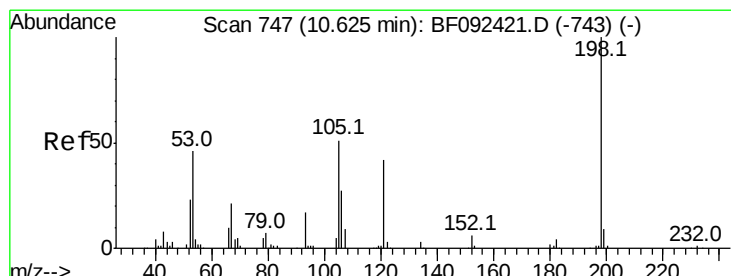
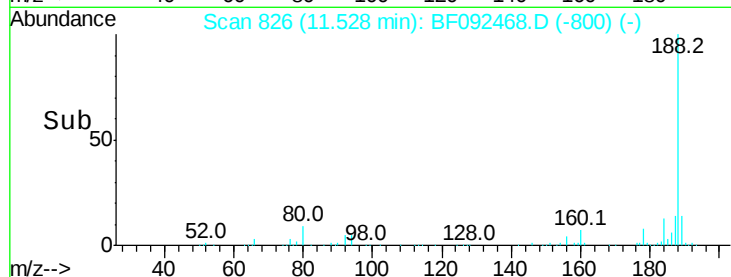
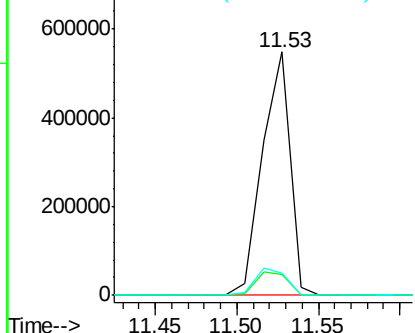
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 648499
Ion Ratio Lower Upper
188 100
94 8.6 10.0 15.0#
80 9.0 11.2 16.8#

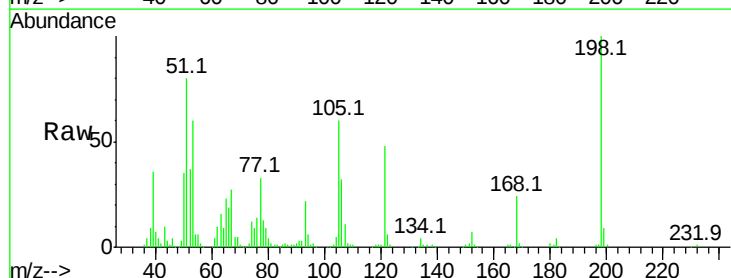


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

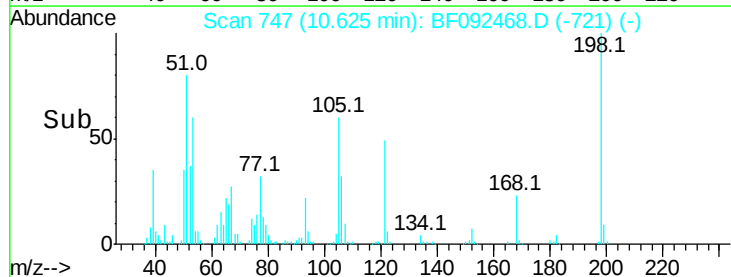
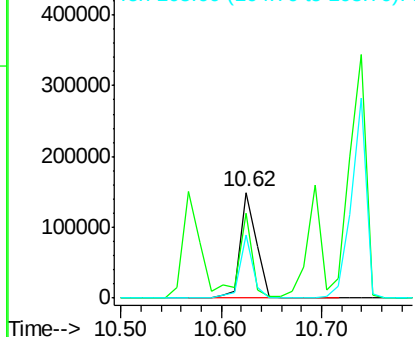


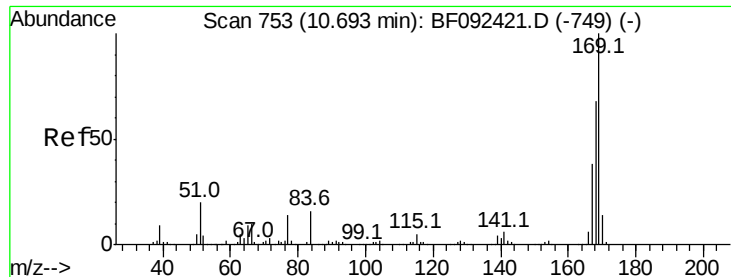
#64
4,6-Dinitro-2-methylphenol
Concen: 47.24 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion:198 Resp: 164792
Ion Ratio Lower Upper
198 100
51 80.3 6.7 46.7#
105 60.2 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.63 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

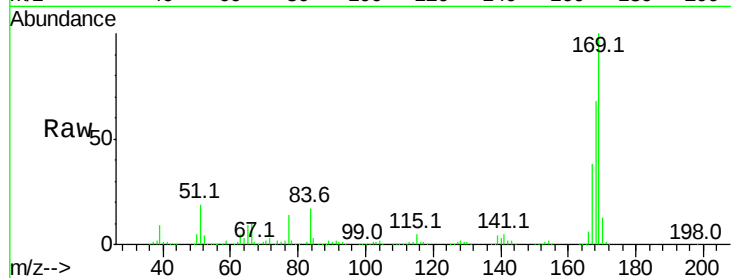
Tot Ion:169 Resp: 843165

Ion Ratio Lower Upper

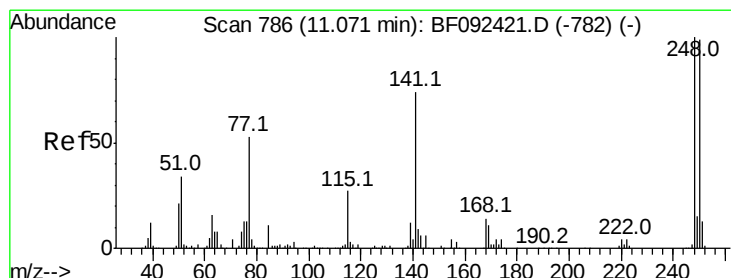
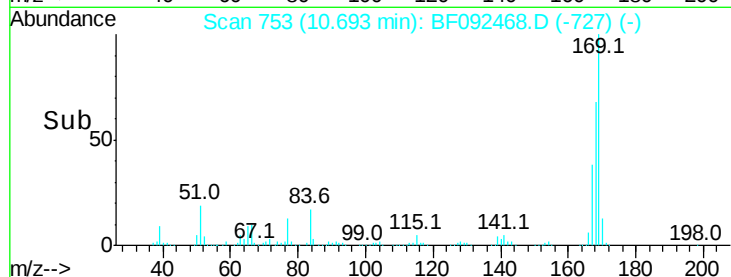
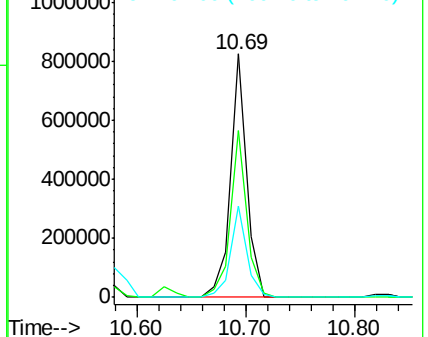
169 100

168 68.3 54.2 81.2

167 37.7 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: 46.37 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

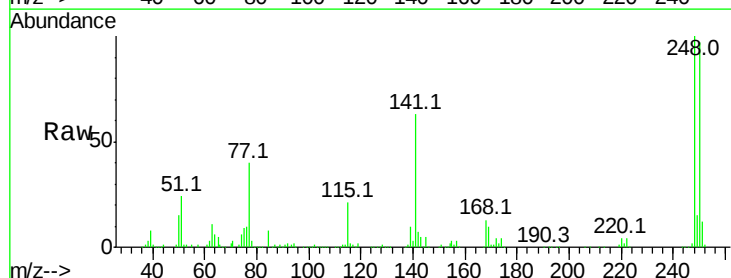
Tgt Ion:248 Resp: 303590

Ion Ratio Lower Upper

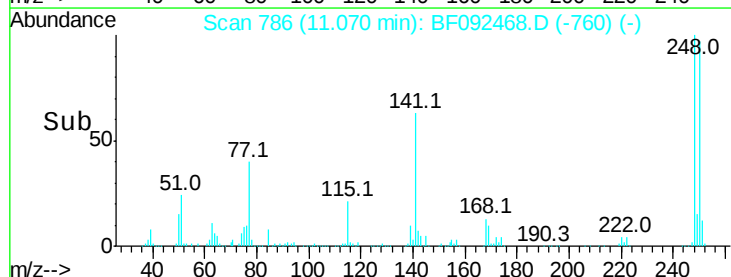
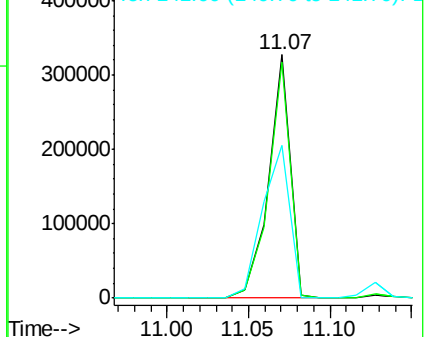
248 100

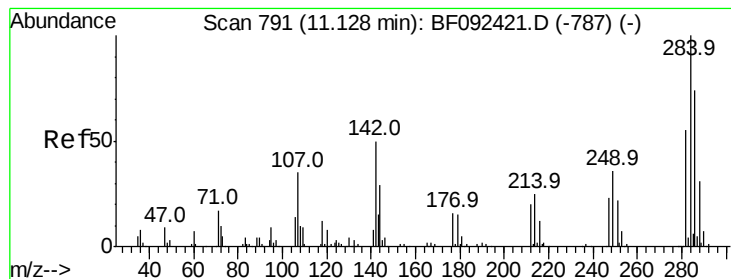
250 96.9 76.9 115.3

141 62.6 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: 40.59 ng

RT: 11.13 min Scan# 791

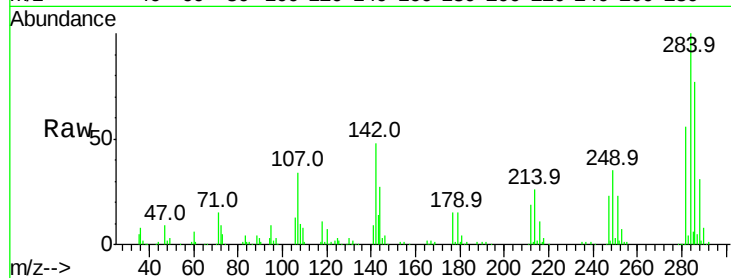
Delta R.T. -0.00 min

Lab File: BF092468.D

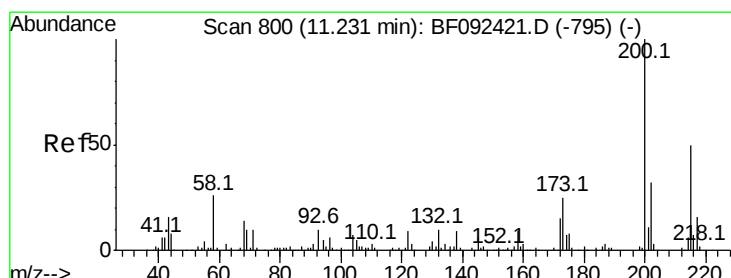
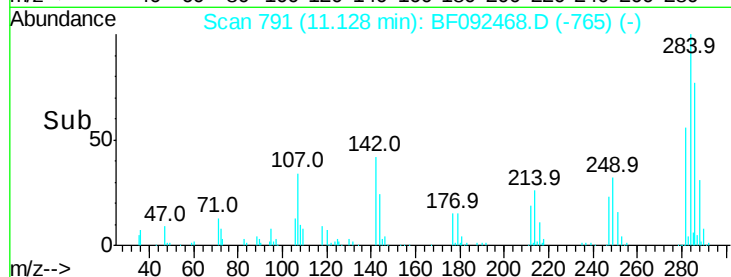
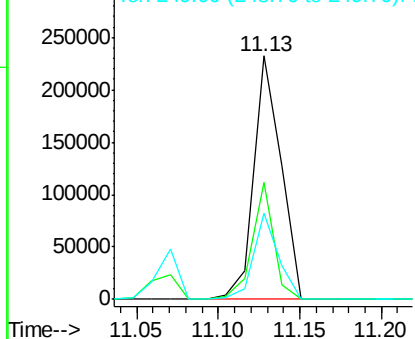
Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:	284	Resp:	268631
Ion	Ratio	Lower	Upper
284	100		
142	48.2	22.6	33.8#
249	35.4	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: 47.28 ng

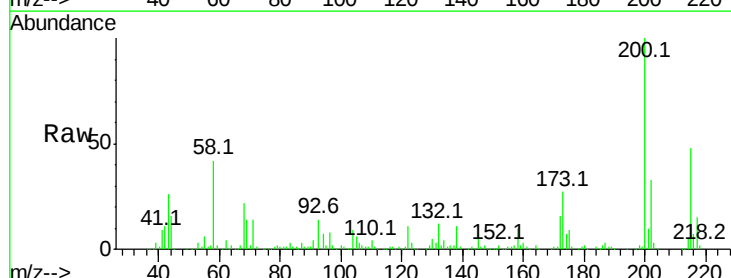
RT: 11.23 min Scan# 800

Delta R.T. -0.00 min

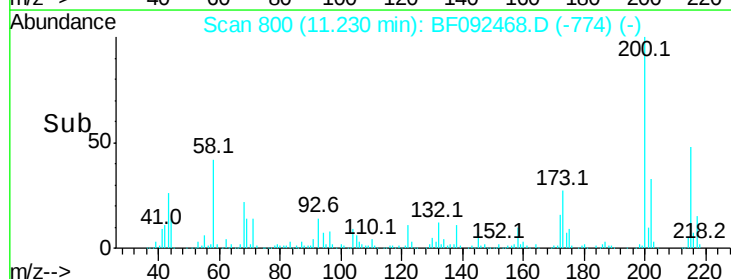
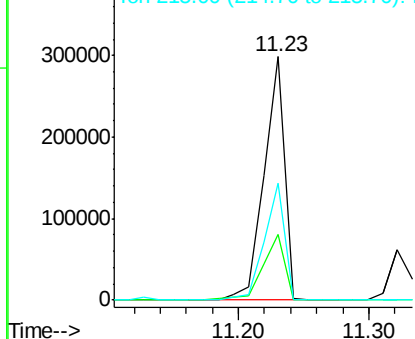
Lab File: BF092468.D

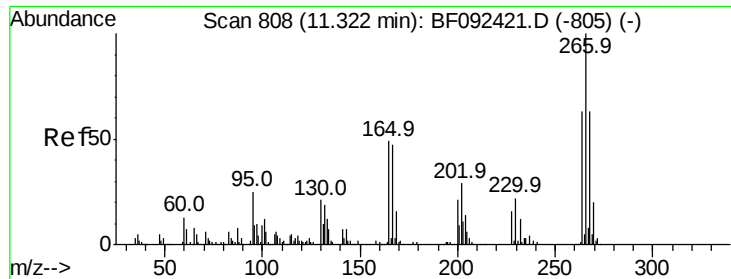
Acq: 25 Jan 2017 11:26

Tgt Ion:	200	Resp:	327741
Ion	Ratio	Lower	Upper
200	100		
173	27.0	9.6	49.6
215	48.0	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

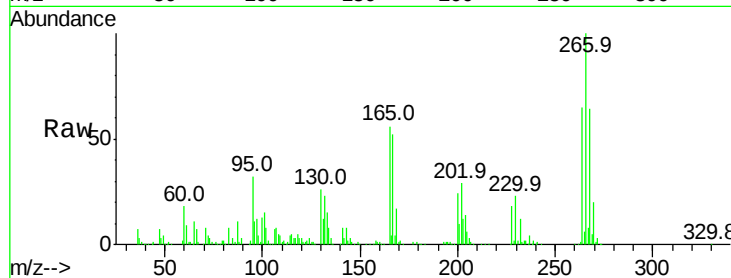




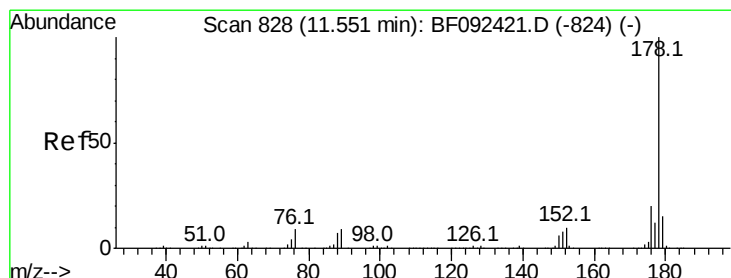
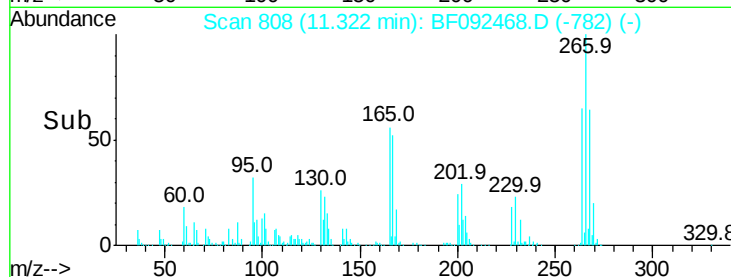
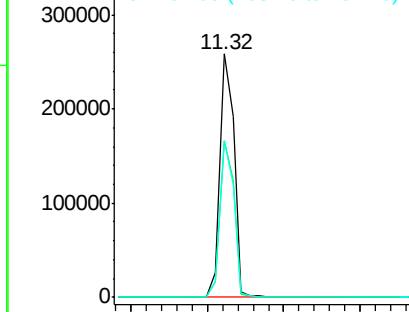
#69
 Pentachlorophenol
 Concen: 79.82 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 337786
 Ion Ratio Lower Upper
 266 100
 268 64.2 53.3 79.9
 264 64.6 50.3 75.5

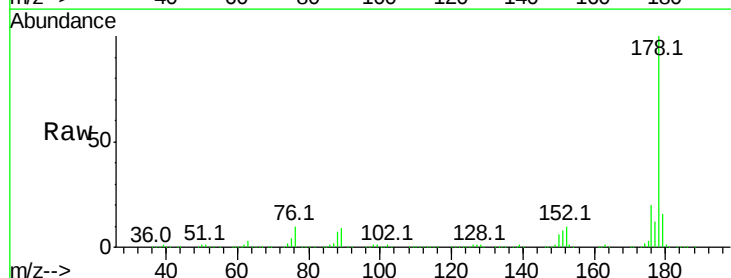


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

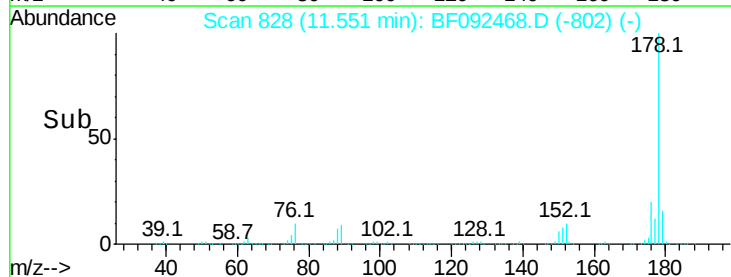
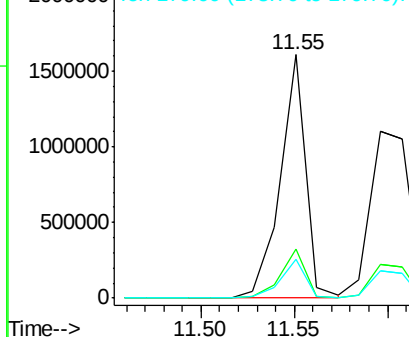


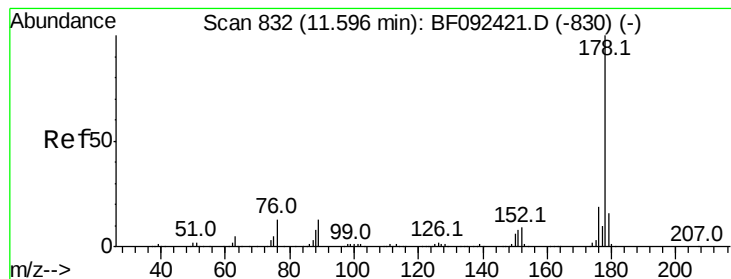
#70
 Phenanthrene
 Concen: 42.51 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion:178 Resp: 1518177
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.8 12.8 19.2



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





#71

Anthracene

Concen: 45.17 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

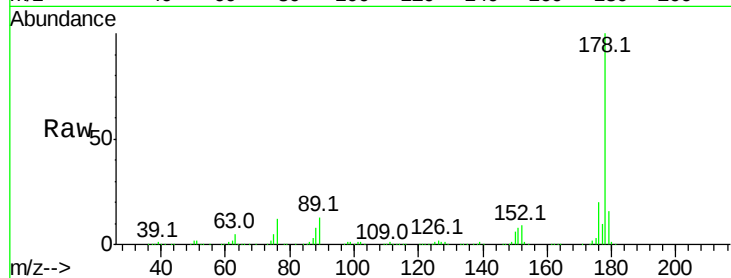
Tot Ion:178 Resp: 1576643

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

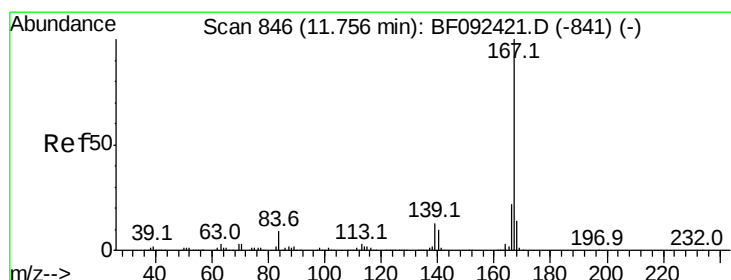
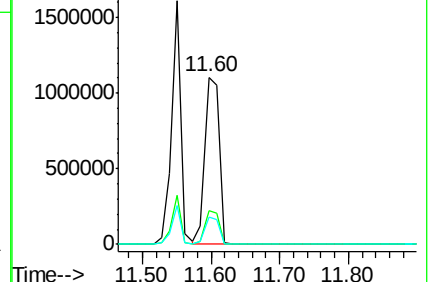
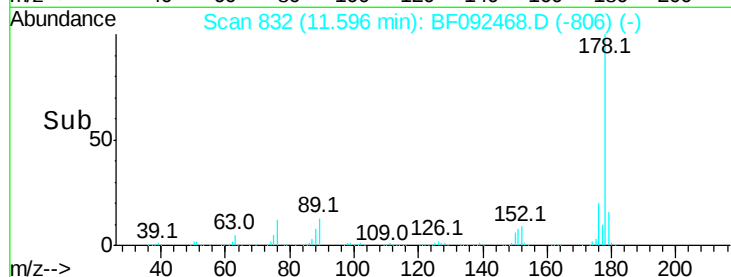
179 16.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.69 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

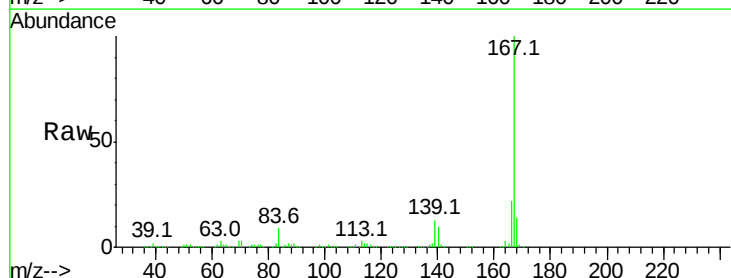
Tgt Ion:167 Resp: 1489259

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

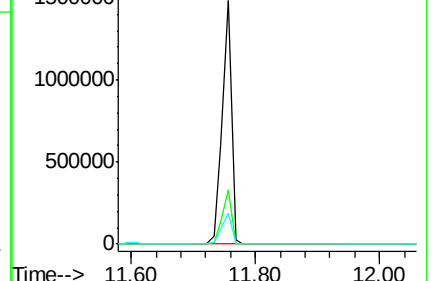
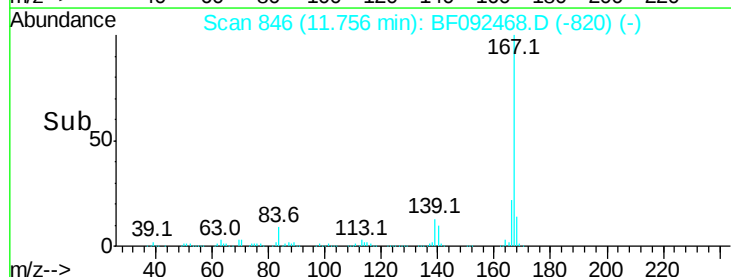
139 13.0 11.4 17.2

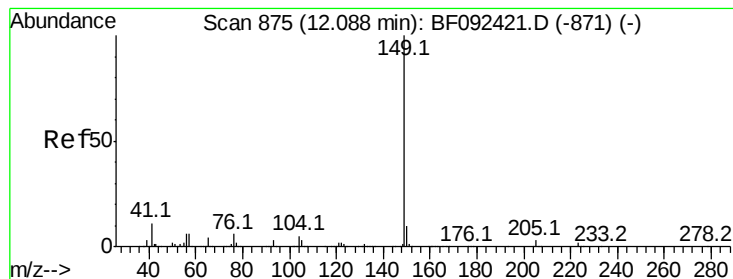


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.66 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

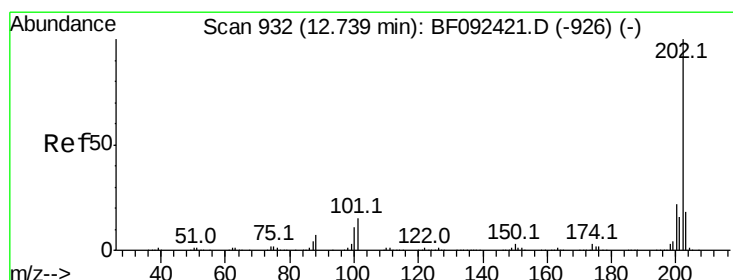
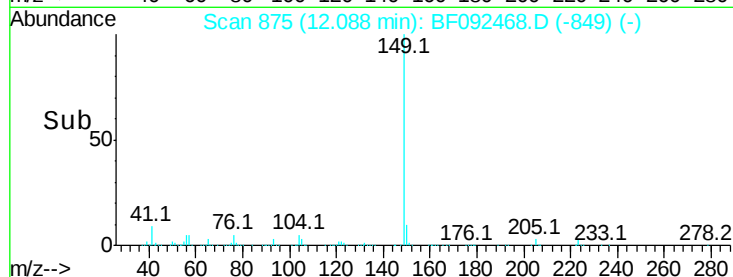
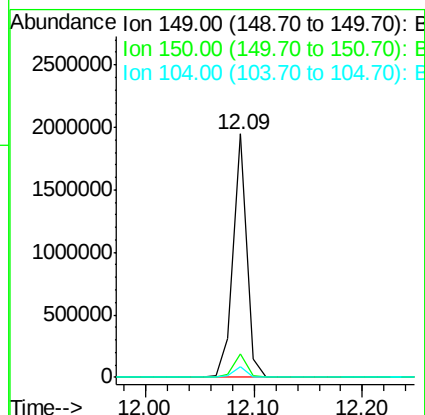
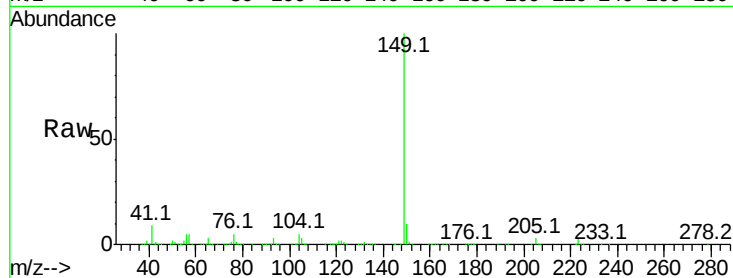
Tot Ion:149 Resp: 1663531

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

104 4.6 4.6 7.0#



#74

Fluoranthene

Concen: 46.18 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

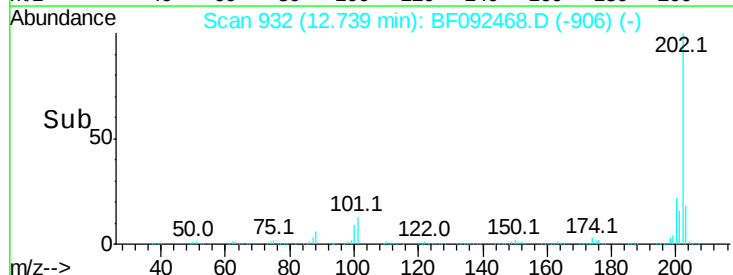
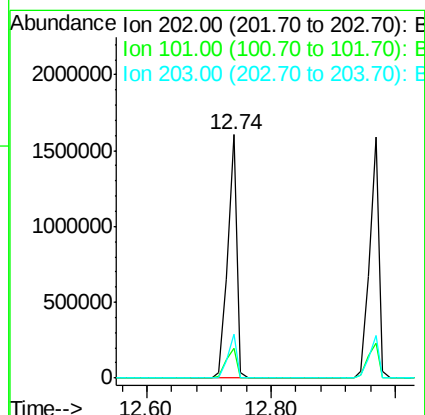
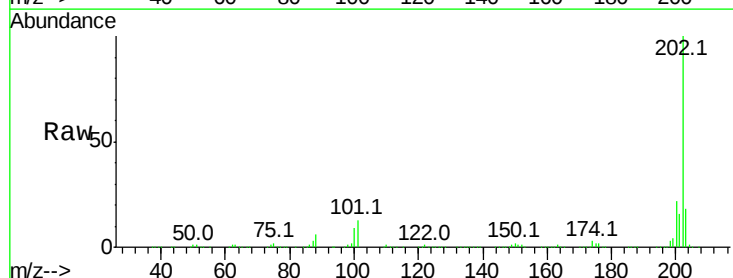
Tgt Ion:202 Resp: 1613108

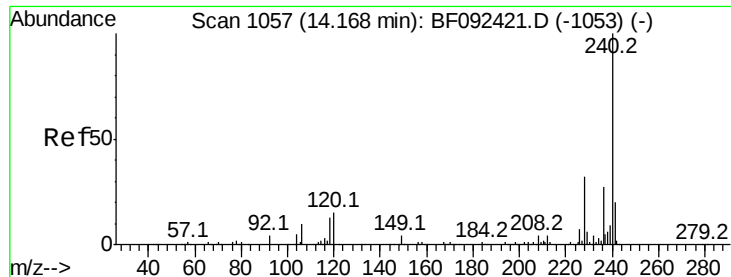
Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.6

203 17.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

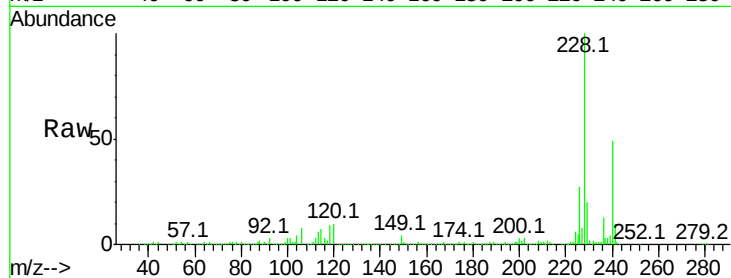
Tot Ion:240 Resp: 477103

Ion Ratio Lower Upper

240 100

120 21.3 12.9 19.3#

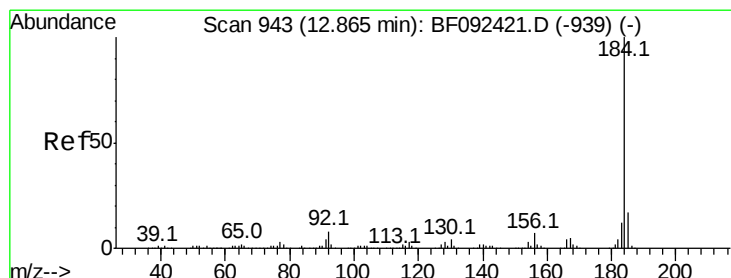
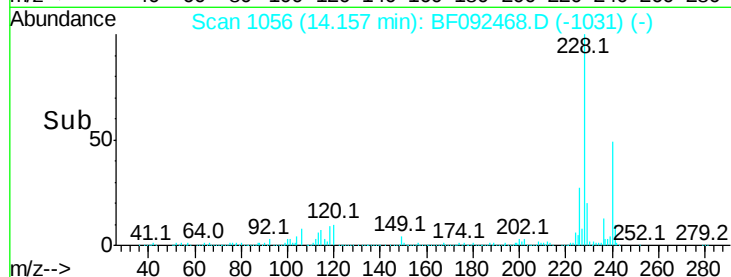
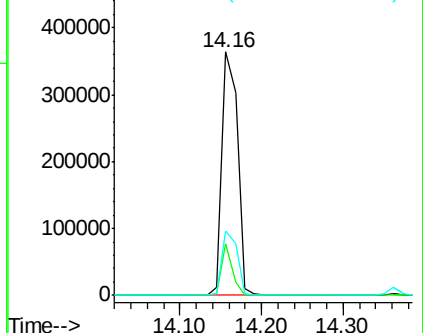
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.82 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

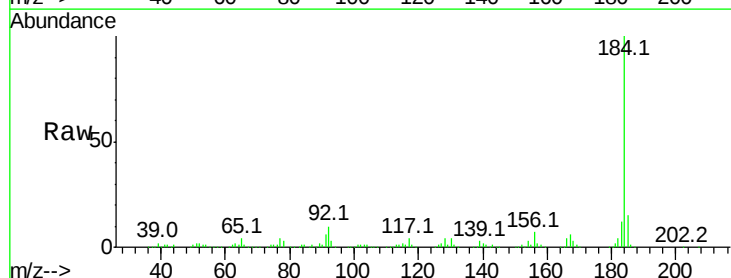
Tgt Ion:184 Resp: 528181

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.0

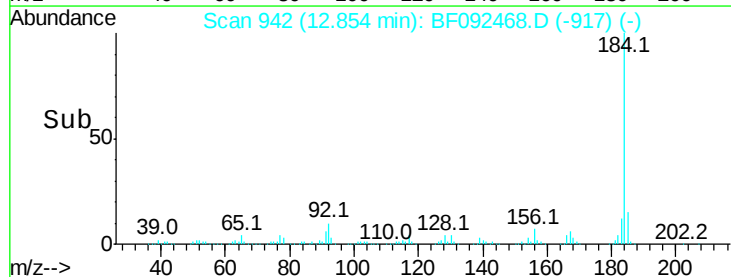
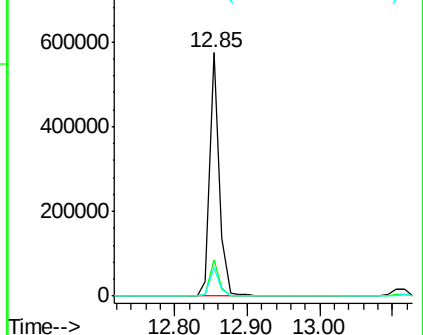
183 12.0 9.2 13.8

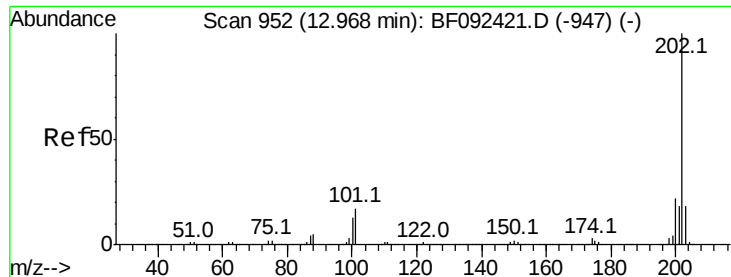


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.95 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

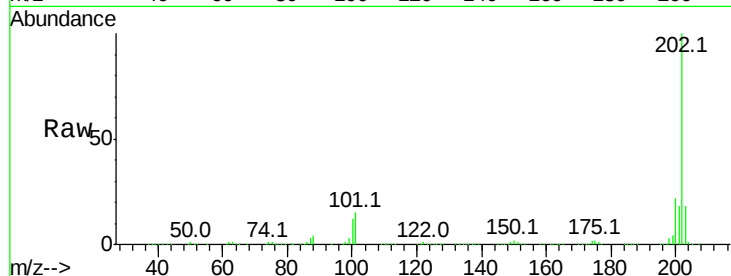
Tot Ion:202 Resp: 1622910

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

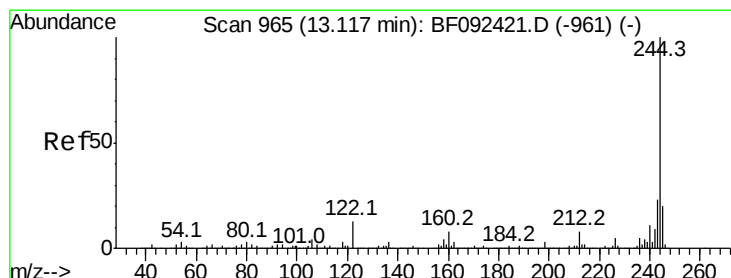
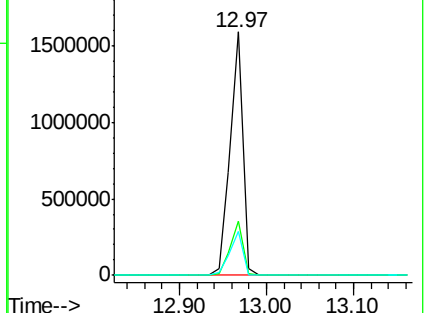
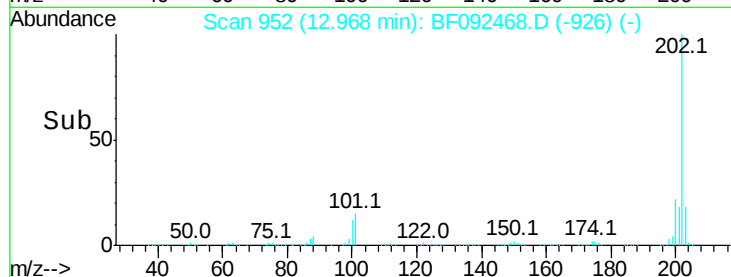
203 17.8 14.7 22.1



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: 100.18 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

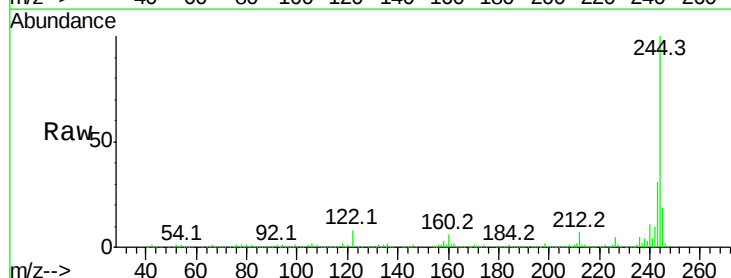
Tgt Ion:244 Resp: 1794860

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

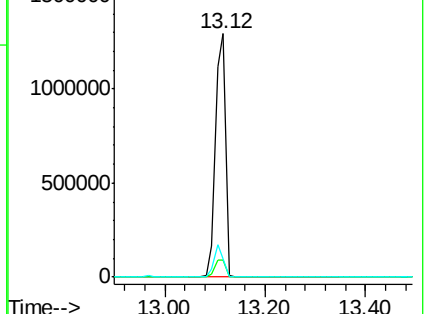
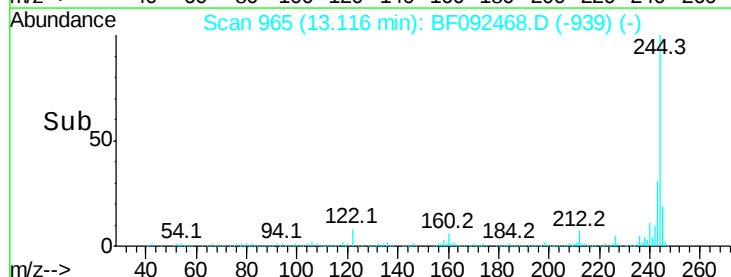
122 7.7 11.4 17.2#

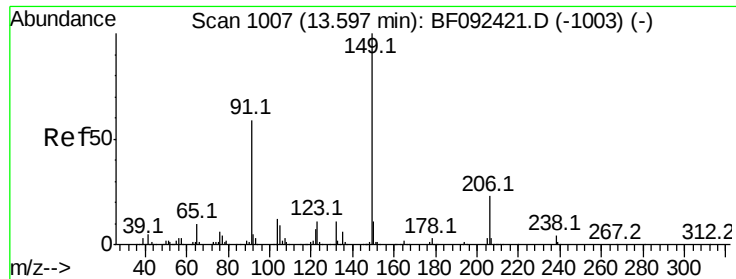


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 54.84 ng

RT: 13.59 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

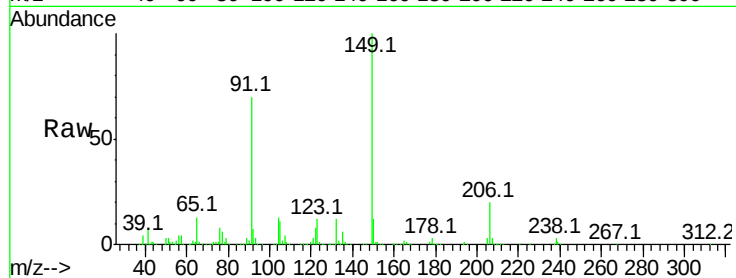
Tot Ion:149 Resp: 767997

Ion Ratio Lower Upper

149 100

91 70.5 63.9 95.9

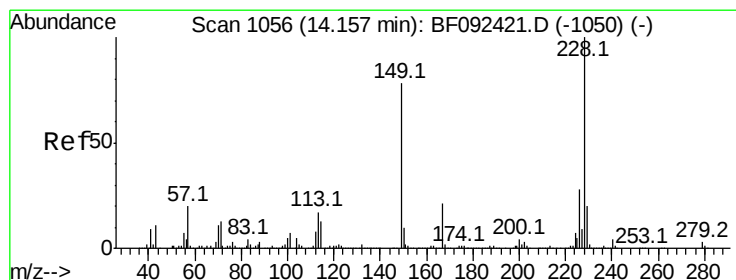
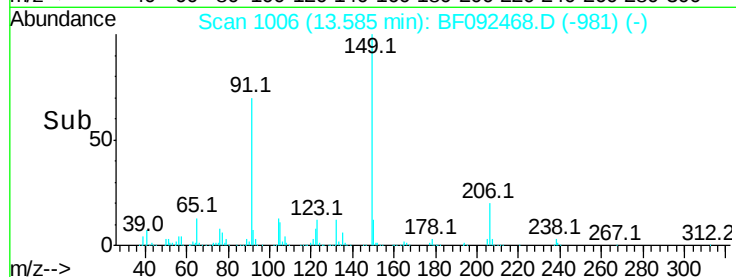
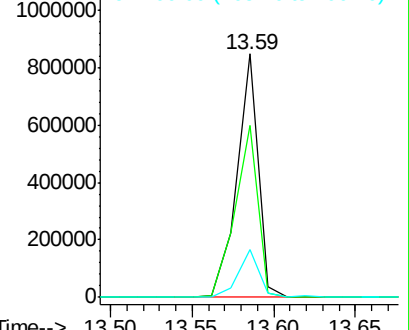
206 19.7 14.6 21.8



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: 47.60 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

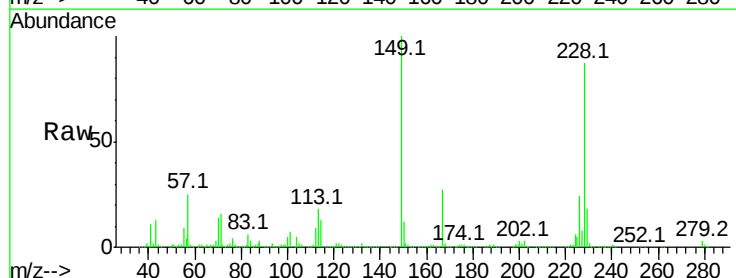
Tgt Ion:228 Resp: 1220392

Ion Ratio Lower Upper

228 100

226 28.3 22.4 33.6

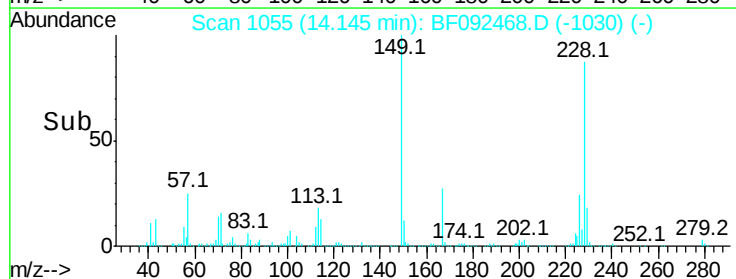
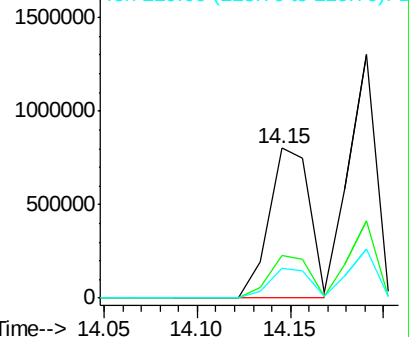
229 20.3 16.2 24.4

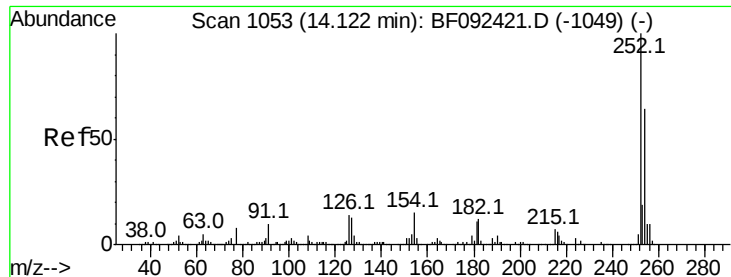


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 24.92 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

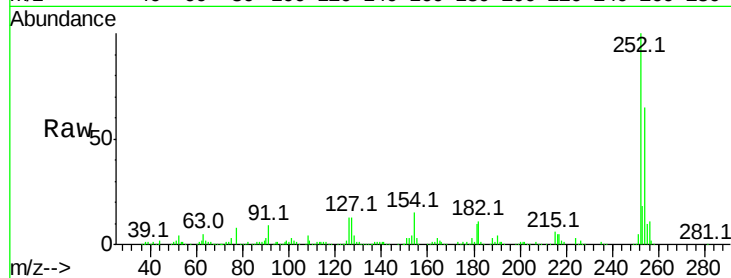
Tot Ion:252 Resp: 242600

Ion Ratio Lower Upper

252 100

254 64.8 52.3 78.5

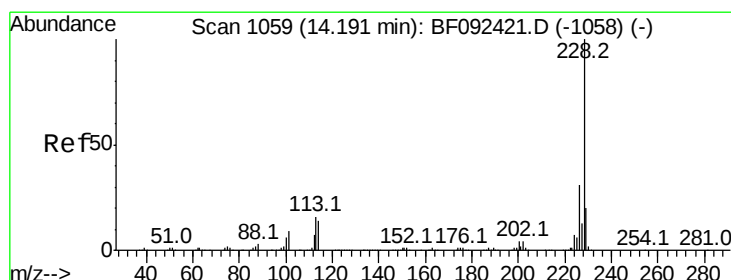
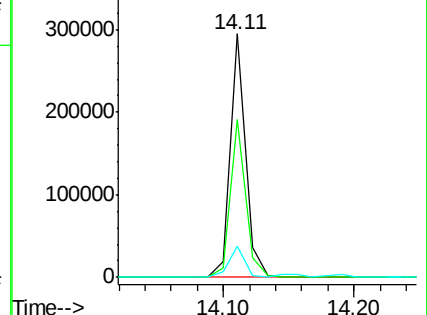
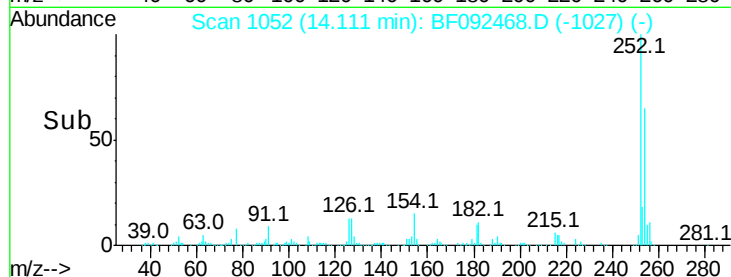
126 13.0 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 48.72 ng

RT: 14.19 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

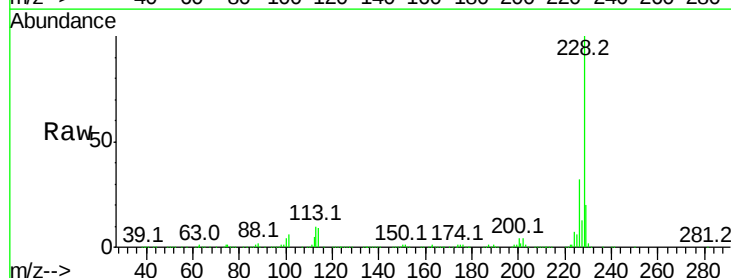
Tgt Ion:228 Resp: 1334247

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

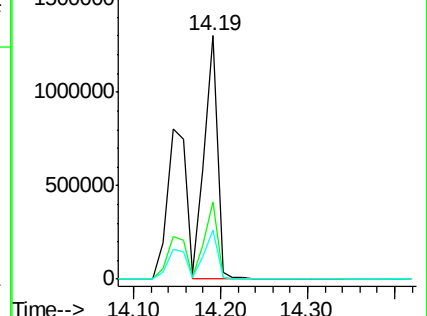
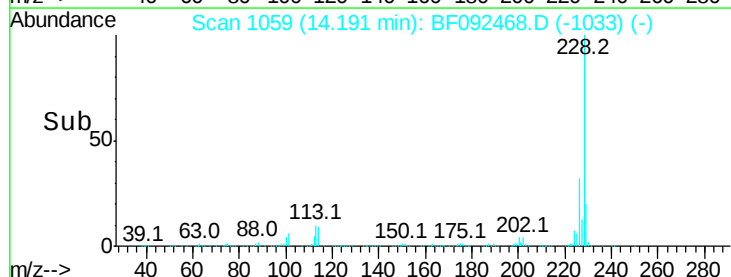
229 20.0 16.2 24.2

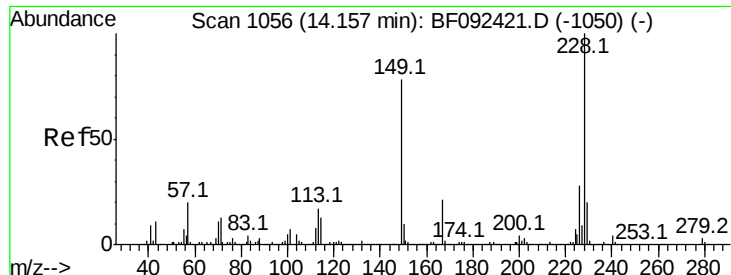


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

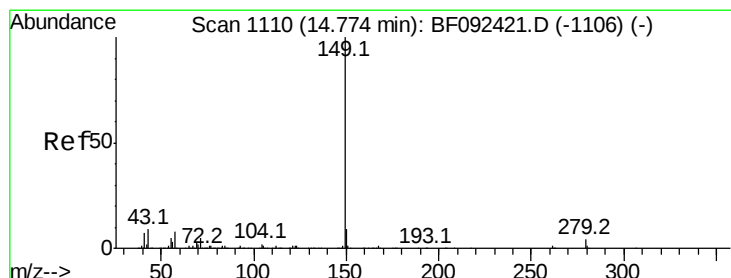
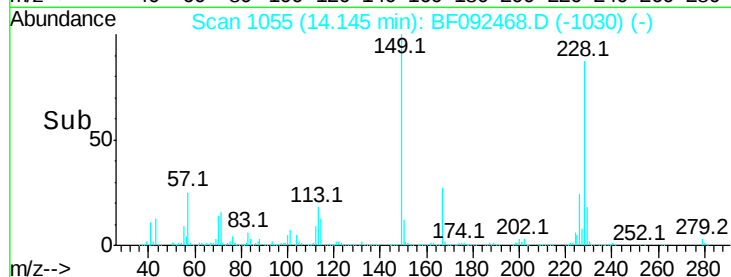
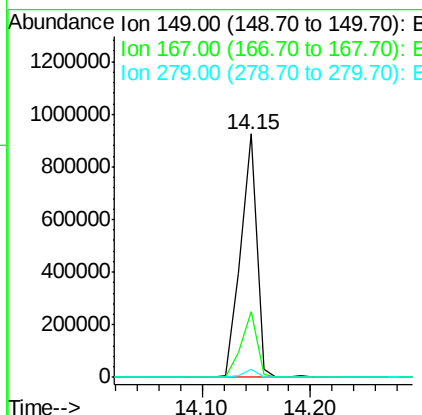
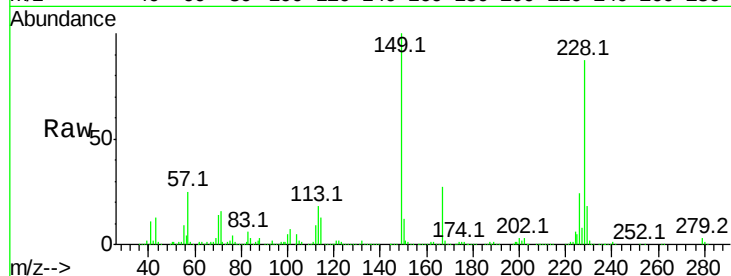




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.36 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

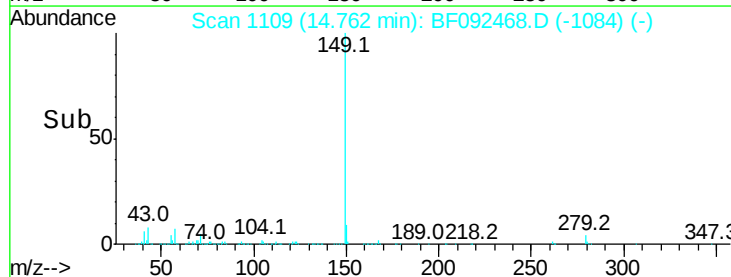
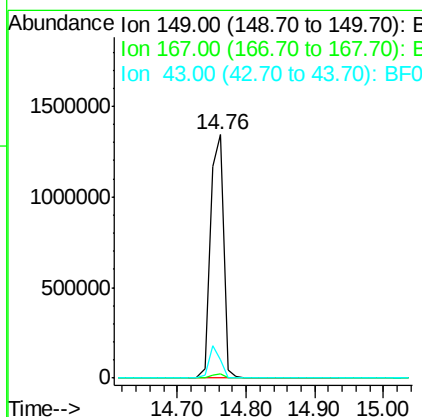
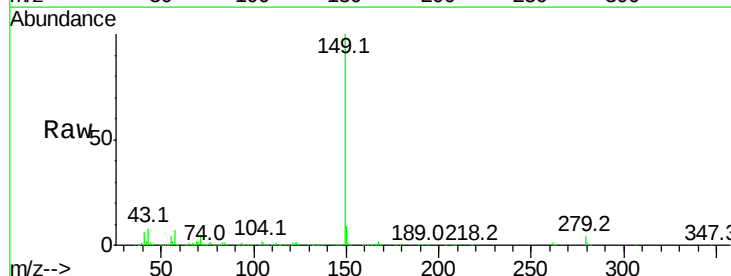
Instrument :
 BNA_F
 ClientSampleId :

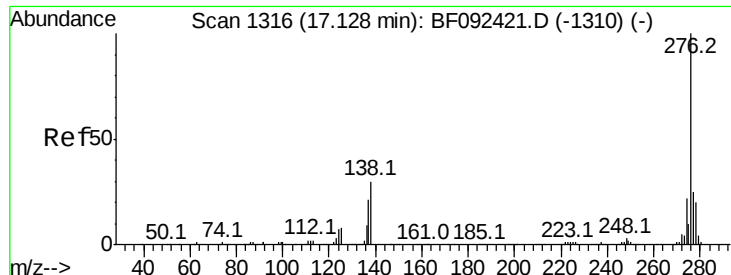
Tot Ion:149 Resp: 941061
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.2 30.4
 279 3.4 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 56.41 ng
 RT: 14.76 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion:149 Resp: 1806069
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.7 8.9 13.3

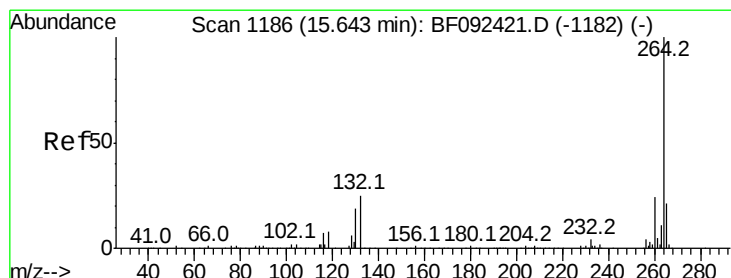
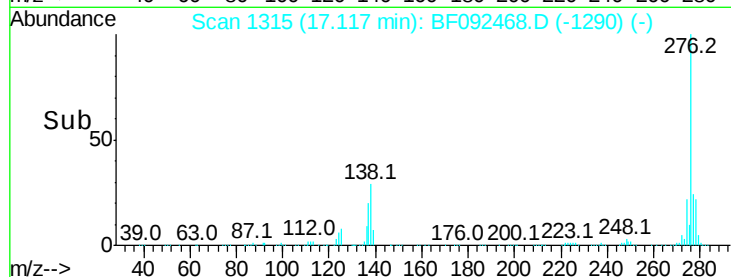
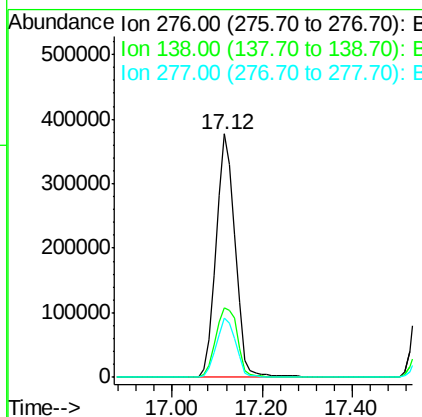
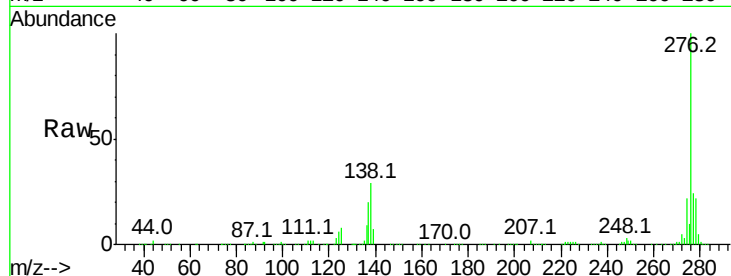




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.34 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

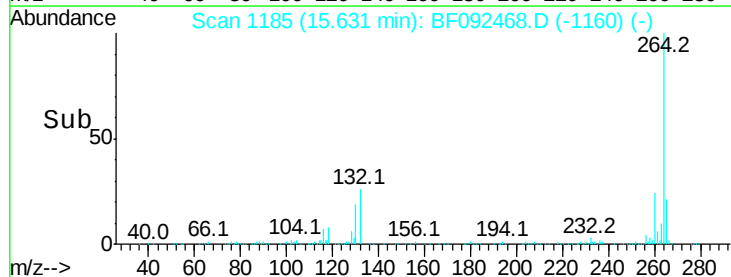
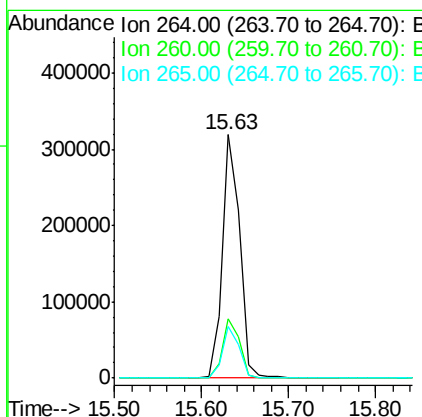
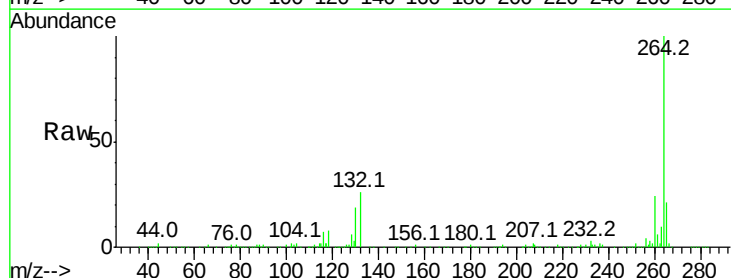
Instrument :
 BNA_F
 ClientSampleId :

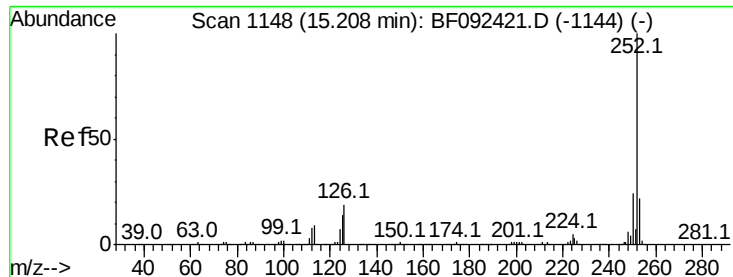
Tot Ion:276 Resp: 1121219
 Ion Ratio Lower Upper
 276 100
 138 32.7 21.8 32.6#
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion:264 Resp: 447063
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 44.59 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.00 min

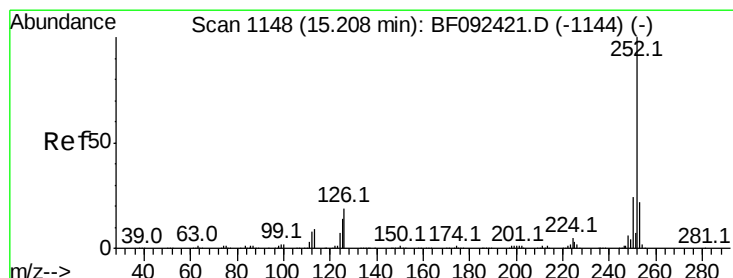
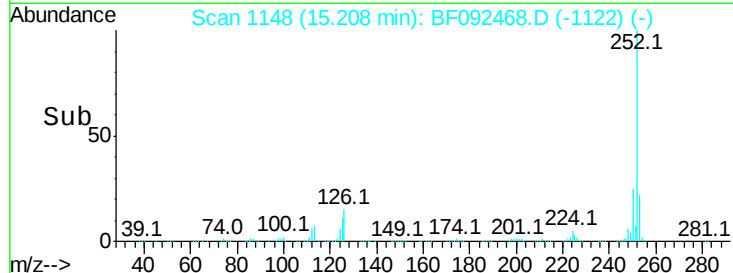
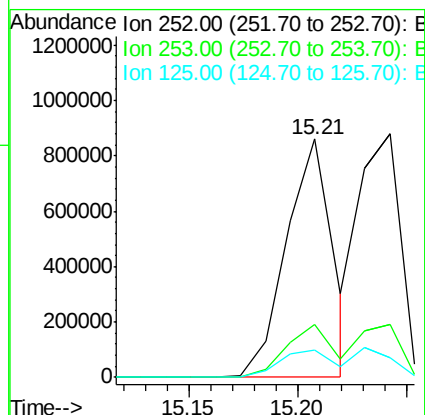
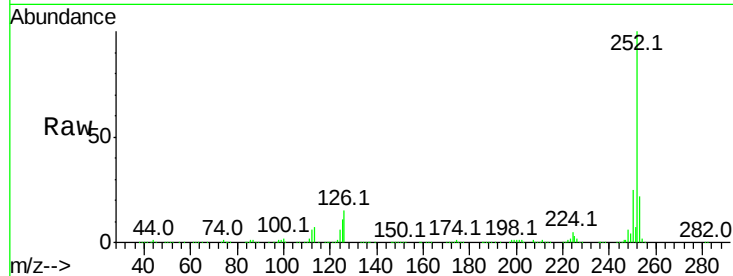
Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1279835

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.4	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 53.63 ng

RT: 15.21 min Scan# 1148

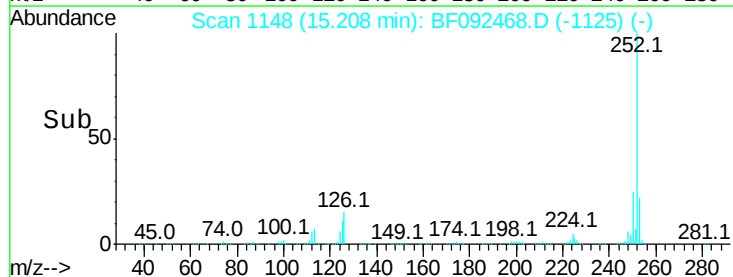
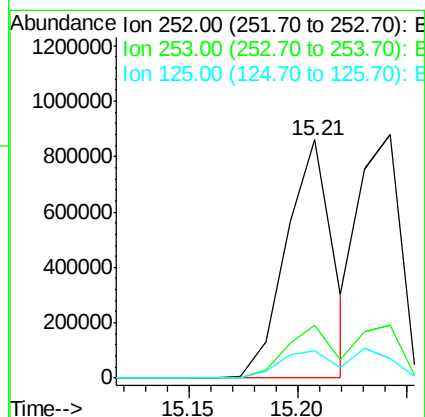
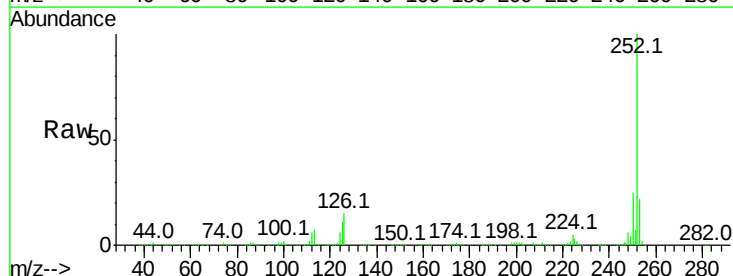
Delta R.T. -0.03 min

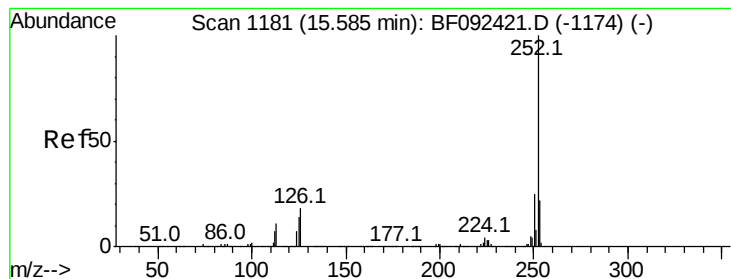
Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Tgt Ion:252 Resp: 1279835

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	11.4	8.9	13.3





#89

Benzo(a)pyrene

Concen: 47.12 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampled :

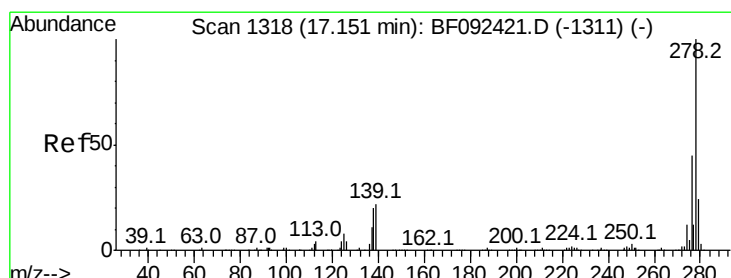
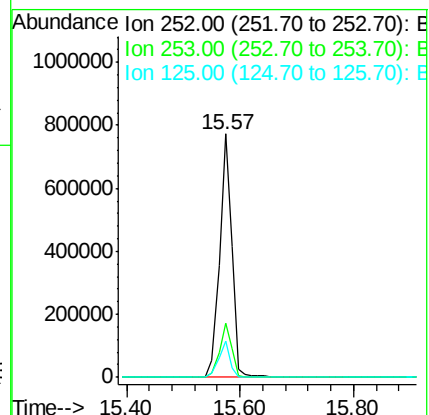
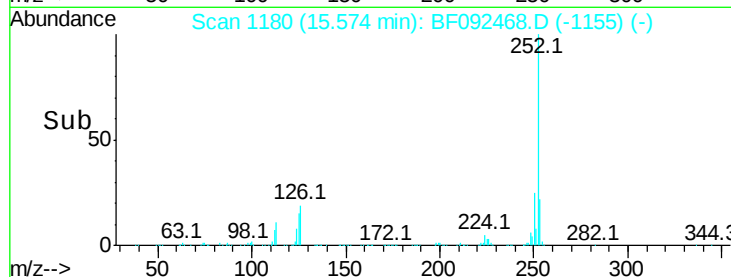
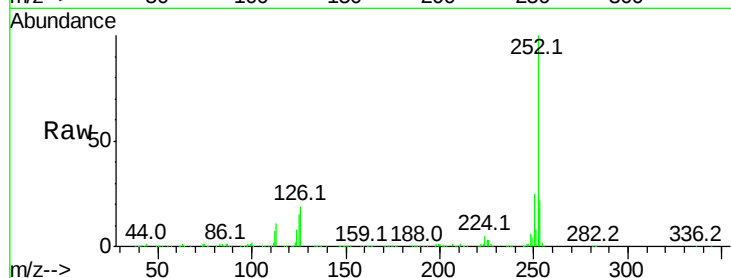
Tot Ion:252 Resp: 1143933

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	14.9	10.0	15.0

252 100

253 22.2 18.2 27.2

125 14.9 10.0 15.0



#90

Dibenzo(a,h)anthracene

Concen: 47.19 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

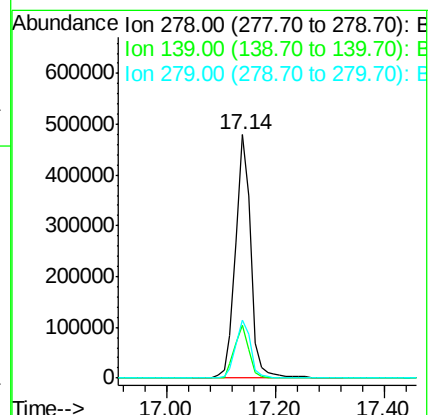
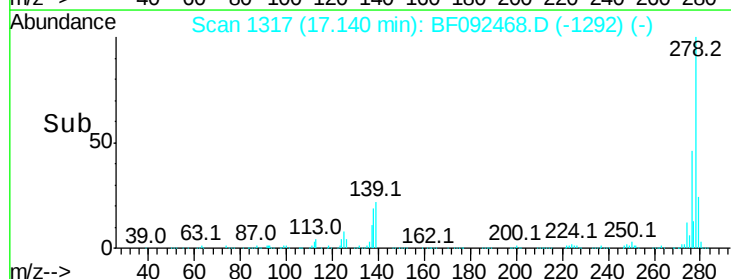
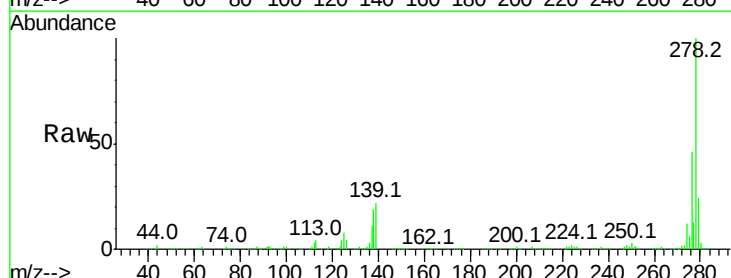
Tgt Ion:278 Resp: 926411

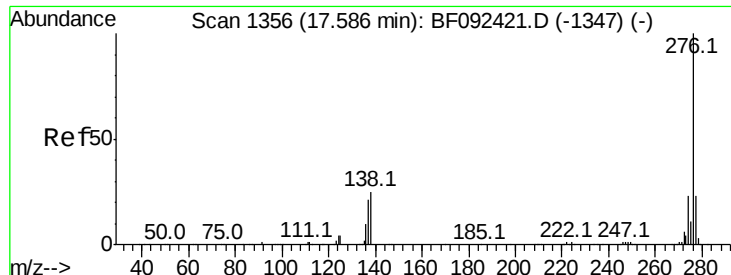
Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.8	22.2
279	24.0	19.8	29.6

278 100

139 21.9 14.8 22.2

279 24.0 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 46.07 ng

RT: 17.57 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

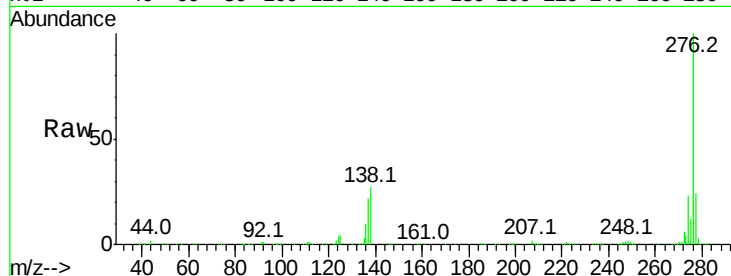
Tot Ion:276 Resp: 914742

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 26.5 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

