

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092516.D
 Acq On : 26 Jan 2017 10:53
 Operator : SJ/MA
 Sample : I1309-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 13:27:45 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	157407	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	622608	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	341237	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	508762	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	330503	20.00	ng	-0.01
86) Perylene-d12	15.63	264	322683	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	911597	90.10	ng	0.01
7) Phenol-d6	6.59	99	1135284	88.10	ng	0.00
23) Nitrobenzene-d5	7.54	82	788512	69.18	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	232070	99.80	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1137673	61.65	ng	-0.01
78) Terphenyl-d14	13.11	244	932587	75.14	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	149112	27.71	ng	# 82
3) Pyridine	3.44	79	406624	26.55	ng	88
4) n-Nitrosodimethylamine	3.38	42	215100	28.62	ng	87
6) Aniline	6.62	93	278142	14.47	ng	# 45
8) 2-Chlorophenol	6.75	128	363752	34.23	ng	99
9) Benzaldehyde	6.51	77	286647	31.34	ng	91
10) Phenol	6.60	94	467314	30.04	ng	# 75
11) bis(2-Chloroethyl)ether	6.70	93	374747	32.20	ng	98
12) 1,3-Dichlorobenzene	6.91	146	395748	31.49	ng	98
13) 1,4-Dichlorobenzene	6.91	146	395748	31.29	ng	94
14) 1,2-Dichlorobenzene	7.14	146	371303	30.94	ng	99
15) Benzyl Alcohol	7.10	79	314990	32.43	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.25	45	682020	29.63	ng	94
17) 2-Methylphenol	7.22	107	306599	33.77	ng	95
18) Hexachloroethane	7.48	117	125949	28.90	ng	# 86
19) n-Nitroso-di-n-propylamine	7.38	70	244820	27.90	ng	91
20) 3+4-Methylphenols	7.37	107	370672	33.65	ng	88
22) Acetophenone	7.38	105	477057	32.17	ng	# 94
24) Nitrobenzene	7.55	77	367156	30.75	ng	99
25) Isophorone	7.79	82	697500	31.05	ng	# 93
26) 2-Nitrophenol	7.87	139	170222	34.02	ng	93
27) 2,4-Dimethylphenol	7.90	122	315642	30.33	ng	99
28) bis(2-Chloroethoxy)methane	8.01	93	461488	31.30	ng	99
29) 2,4-Dichlorophenol	8.11	162	291100	32.27	ng	88
30) 1,2,4-Trichlorobenzene	8.20	180	315806	32.39	ng	96
31) Naphthalene	8.28	128	964109	30.26	ng	99
32) Benzoic acid	7.97	122	37045	8.99	ng	98
33) 4-Chloroaniline	8.33	127	160253	11.89	ng	98
34) Hexachlorobutadiene	8.41	225	163523	30.66	ng	98
35) Caprolactam	8.69	113	76272	25.32	ng	# 51
36) 4-Chloro-3-methylphenol	8.81	107	319146	32.80	ng	96
37) 2-Methylnaphthalene	8.98	142	662304	32.83	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	308680	35.86	ng	99
40) Hexachlorocyclopentadiene	9.14	237	166100	38.53	ng	98

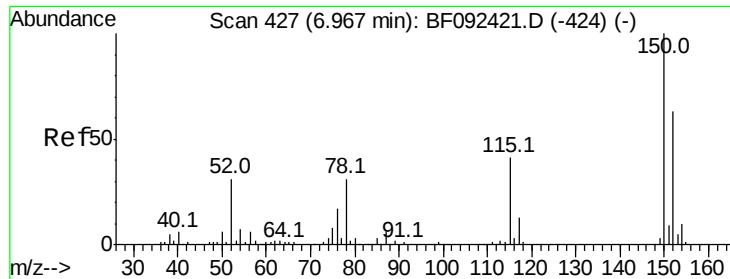
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	204489	31.01	nq	91
43) 2,4,5-Trichlorophenol	9.30	196	209967	34.80	nq #	86
45) 1,1'-Biphenyl	9.45	154	847053	34.34	nq	98
46) 2-Chloronaphthalene	9.47	162	614393	30.49	nq	97
47) 2-Nitroaniline	9.56	65	201960	29.77	nq	95
48) Acenaphthylene	9.89	152	979390	33.14	nq	97
49) Dimethylphthalate	9.74	163	748114	34.48	nq	98
50) 2,6-Dinitrotoluene	9.80	165	156932	35.38	nq #	63
51) Acenaphthene	10.06	154	598427	32.59	nq	97
52) 3-Nitroaniline	9.97	138	120761	21.74	nq	94
53) 2,4-Dinitrophenol	10.08	184	36633	23.67	nq #	82
54) Dibenzofuran	10.24	168	889780	35.69	nq	90
55) 4-Nitrophenol	10.13	139	278436	63.12	nq #	75
56) 2,4-Dinitrotoluene	10.21	165	214587	36.45	nq #	63
57) Fluorene	10.58	166	645254	34.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	167811	37.12	nq	94
59) Diethylphthalate	10.45	149	706946	33.98	nq	94
60) 4-Chlorophenyl-phenylether	10.57	204	305299	34.05	nq #	85
61) 4-Nitroaniline	10.59	138	172800	31.10	nq	84
62) Azobenzene	10.73	77	819064	34.59	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	51418	21.77	nq #	73
65) n-Nitrosodiphenylamine	10.68	169	535386	33.70	nq	98
66) 4-Bromophenyl-phenylether	11.06	248	184457	35.91	nq #	88
67) Hexachlorobenzene	11.12	284	164131	31.61	nq #	69
68) Atrazine	11.21	200	176788	32.51	nq	99
69) Pentachlorophenol	11.31	266	174242	52.49	nq	96
70) Phenanthrene	11.54	178	969067	34.59	nq	98
71) Anthracene	11.58	178	904758	33.04	nq	99
72) Carbazole	11.74	167	891597	34.10	nq	98
73) Di-n-butylphthalate	12.08	149	1073567	35.91	nq #	97
74) Fluoranthene	12.73	202	856732	31.26	nq	94
76) Benzidine	12.85	184	283922	23.14	nq	96
77) Pyrene	12.96	202	830920	34.70	nq	98
79) Butylbenzylphthalate	13.57	149	368529	37.99	nq	97
80) Benzo(a)anthracene	14.15	228	583861	32.87	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	183162	27.16	nq #	95
82) Chrysene	14.18	228	583240	30.75	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	485331	39.72	nq	98
84) Di-n-octyl phthalate	14.75	149	849623	38.30	nq	98
85) Indeno(1,2,3-cd)pyrene	17.11	276	629954	44.89	nq #	94
87) Benzo(b)fluoranthene	15.20	252	588266	28.40	nq	98
88) Benzo(k)fluoranthene	15.20	252	588266	34.15	nq	98
89) Benzo(a)pyrene	15.56	252	570968	32.58	nq #	97
90) Dibenzo(a,h)anthracene	17.13	278	535482	37.79	nq	97
91) Benzo(g,h,i)perylene	17.56	276	510804	35.64	nq #	95

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

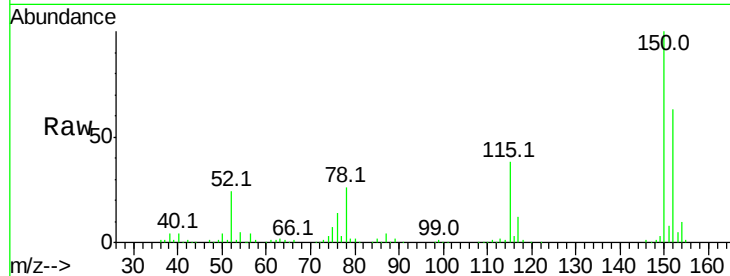


#1

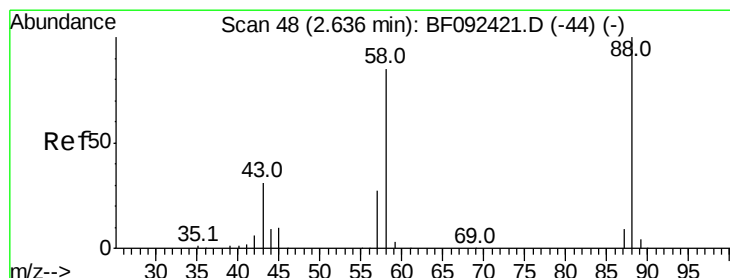
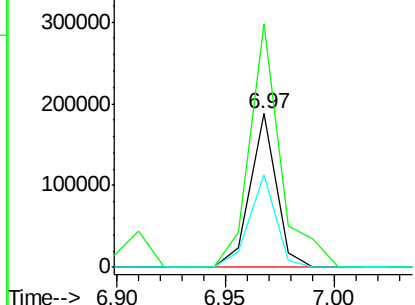
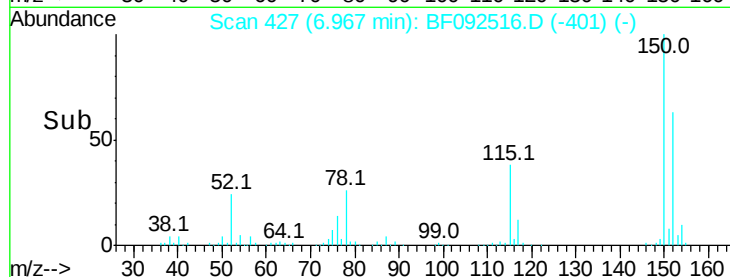
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.9	187.3
115	60.6	46.0	69.0



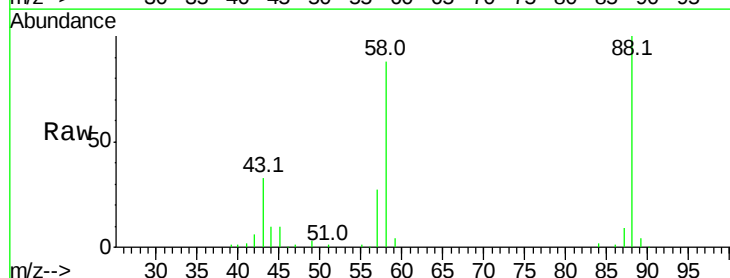
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



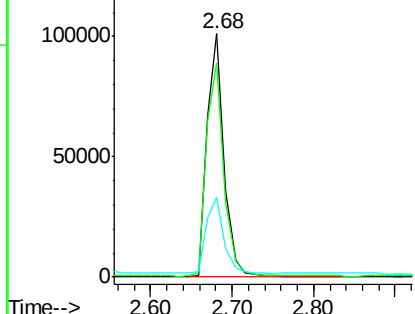
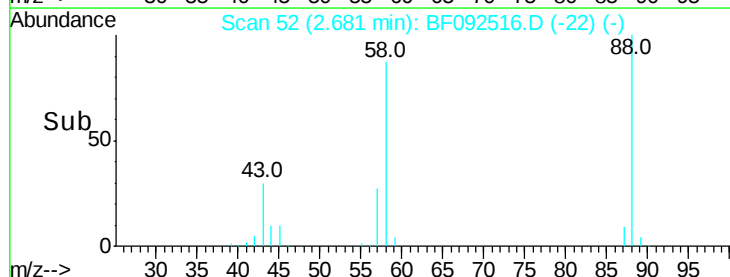
#2

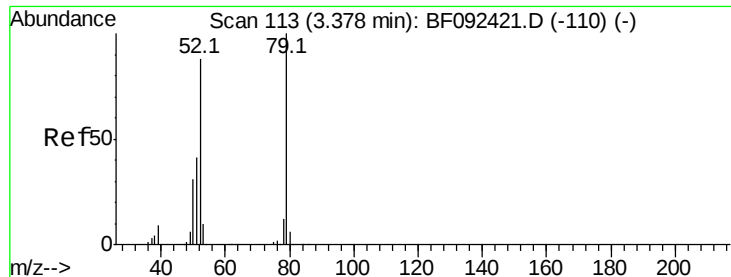
1,4-Dioxane
Concen: 27.71 ng
RT: 2.68 min Scan# 52
Delta R.T. 0.05 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.7	57.8	86.8#
43	32.9	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.55 ng

RT: 3.44 min Scan# 118

Delta R.T. 0.06 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampled :

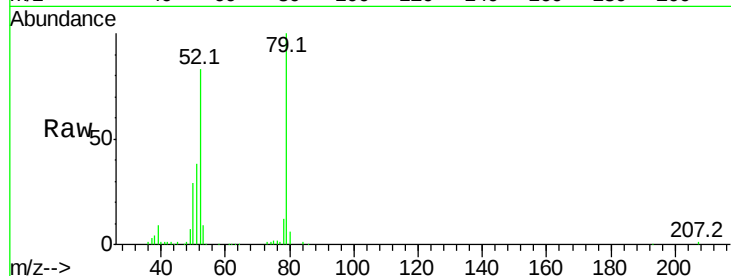
Tot Ion: 79 Resp: 406624

Ion Ratio Lower Upper

79 100

52 83.0 57.1 85.7

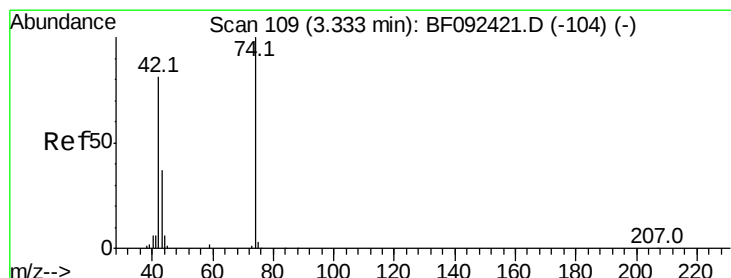
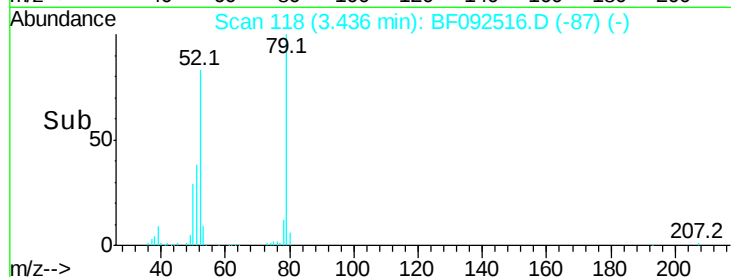
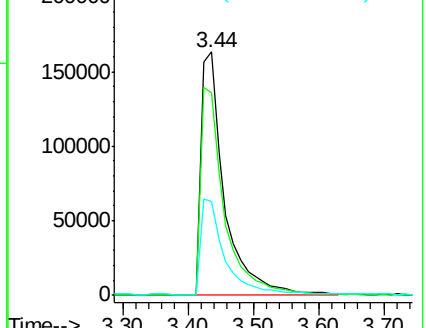
51 38.5 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 28.62 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.05 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

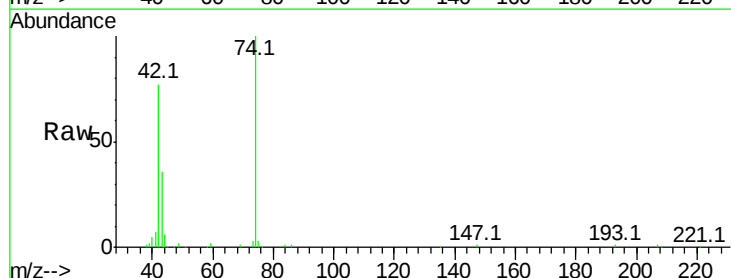
Tgt Ion: 42 Resp: 215100

Ion Ratio Lower Upper

42 100

74 129.1 117.0 175.4

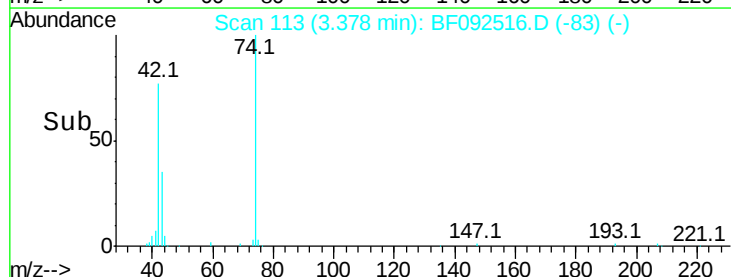
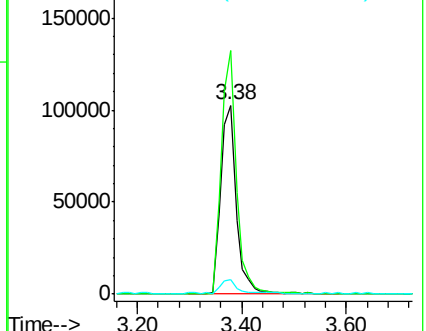
44 7.4 5.5 8.3

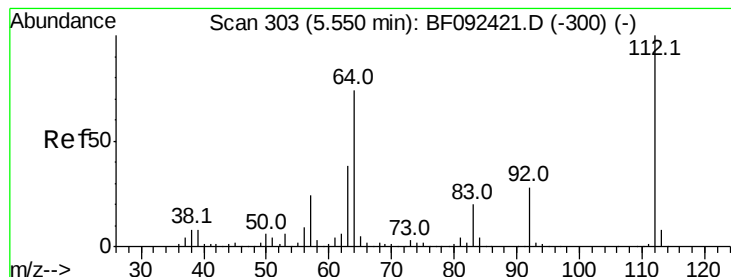


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 90.10 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

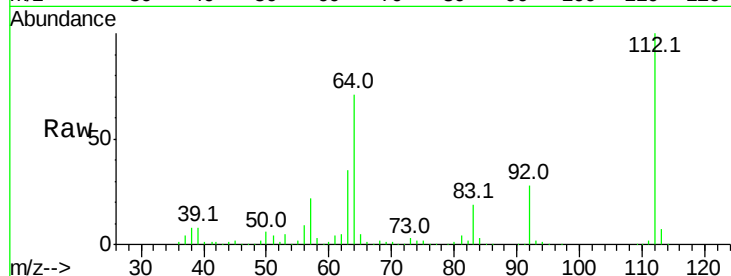
Tot Ion:112 Resp: 911597

Ion Ratio Lower Upper

112 100

64 71.0 46.1 69.1#

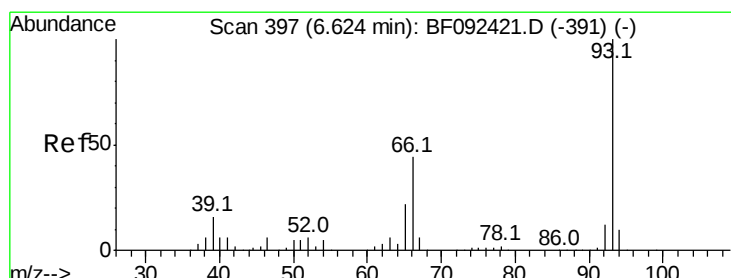
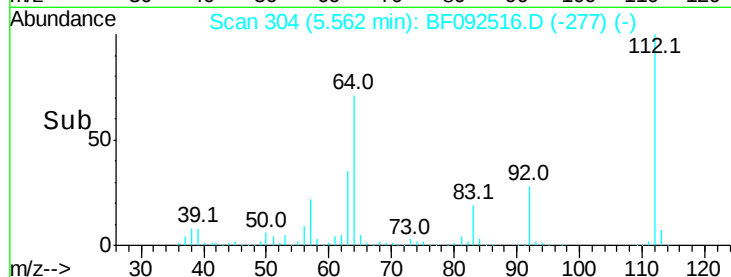
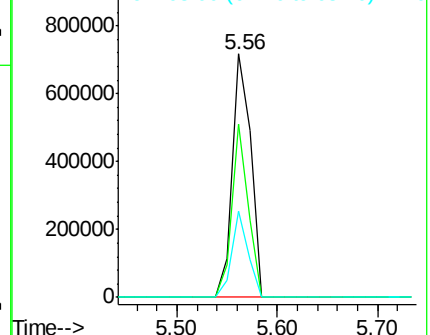
63 35.3 23.8 35.6



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: 14.47 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

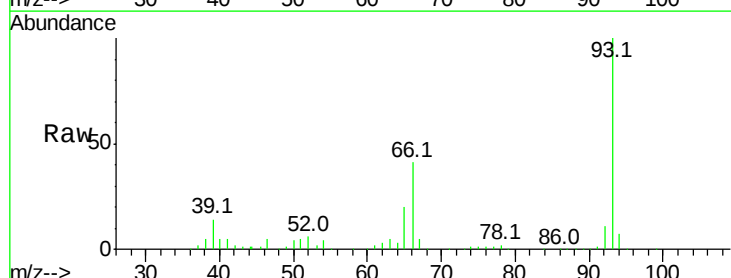
Tgt Ion: 93 Resp: 278142

Ion Ratio Lower Upper

93 100

66 41.1 76.2 114.2#

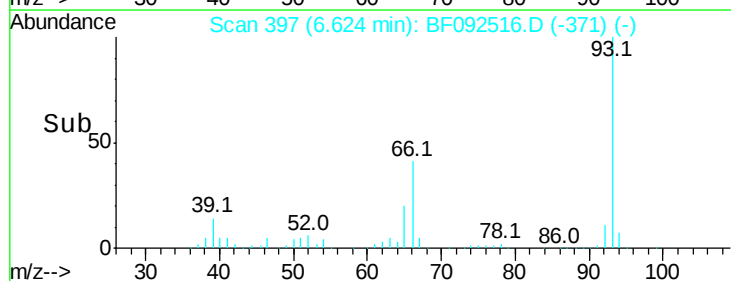
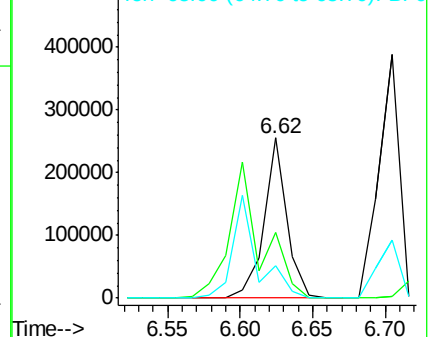
65 20.1 49.3 73.9#

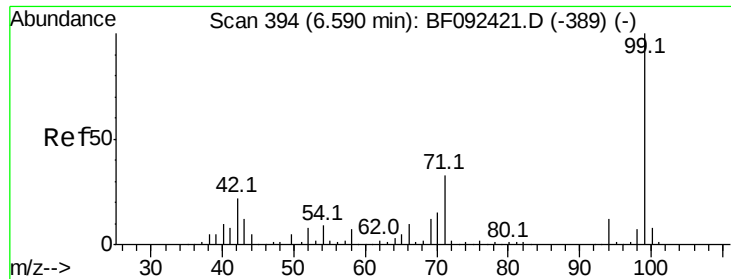


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.10 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

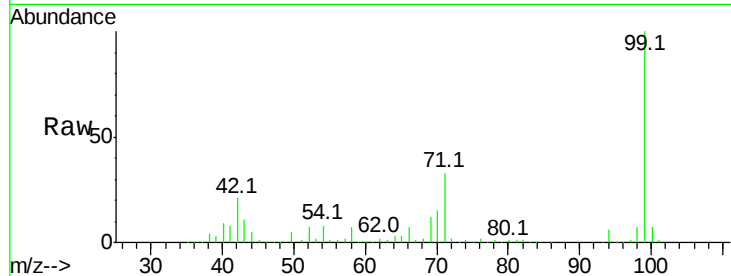
Tot Ion: 99 Resp: 1135284

Ion Ratio Lower Upper

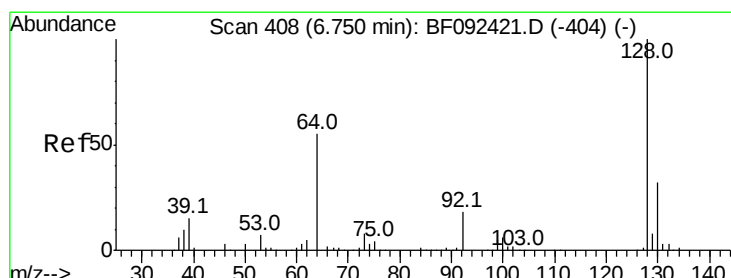
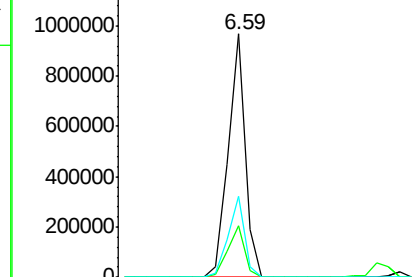
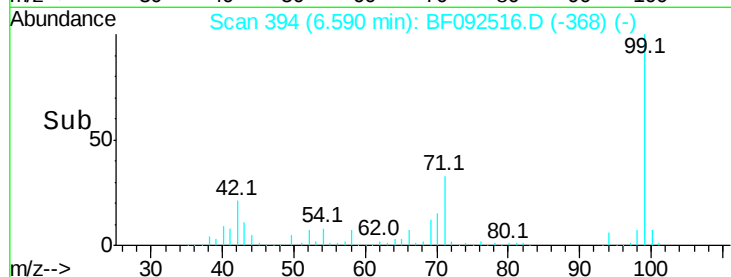
99 100

42 21.0 15.6 23.4

71 33.4 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: 34.23 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

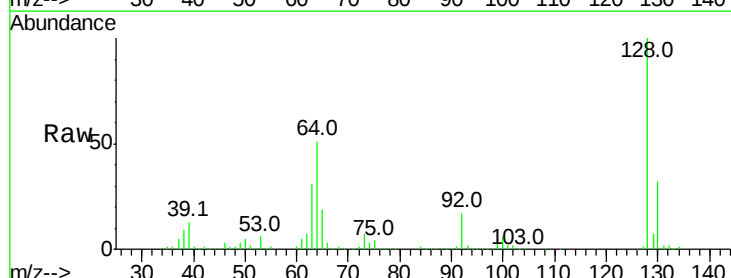
Tgt Ion: 128 Resp: 363752

Ion Ratio Lower Upper

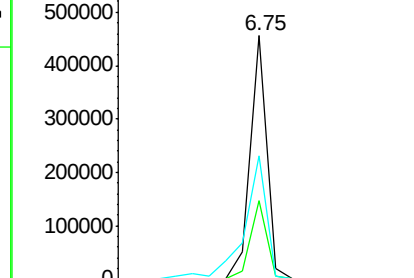
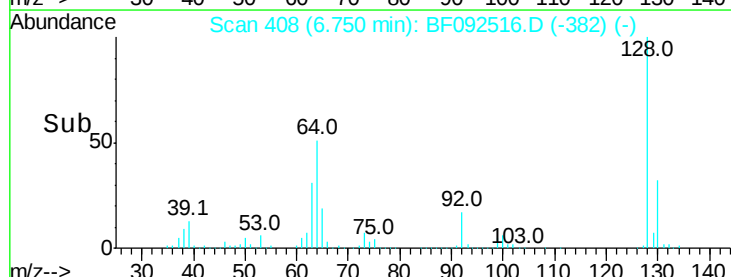
128 100

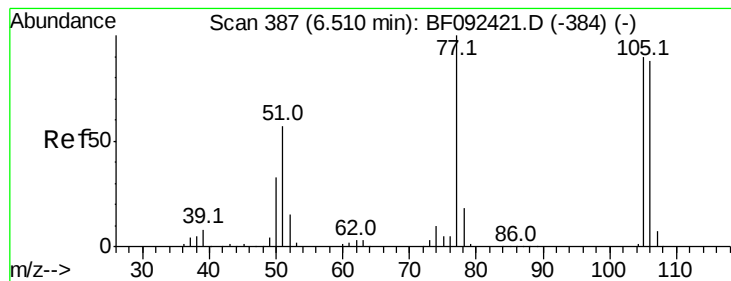
130 32.5 12.3 52.3

64 50.8 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: 31.34 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampled :

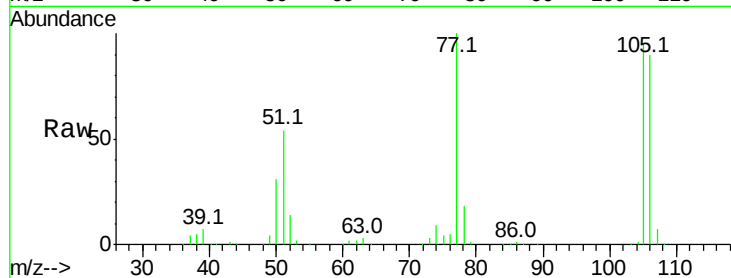
Tot Ion: 77 Resp: 286647

Ion Ratio Lower Upper

77 100

105 94.6 83.9 123.9

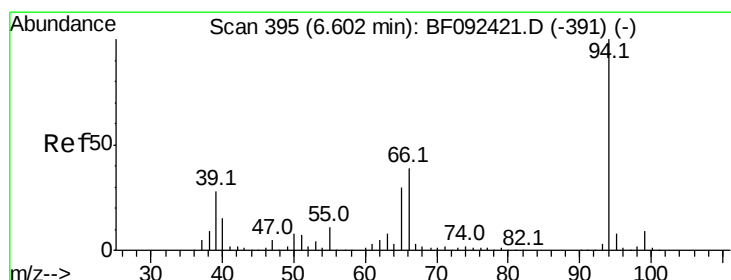
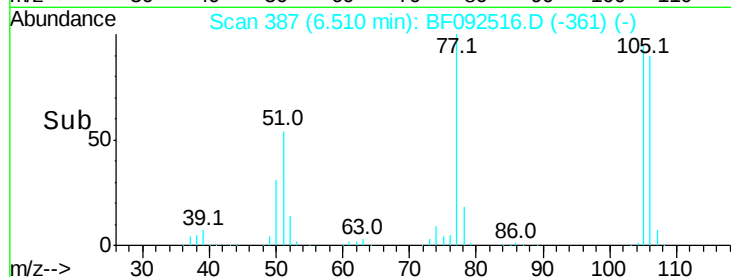
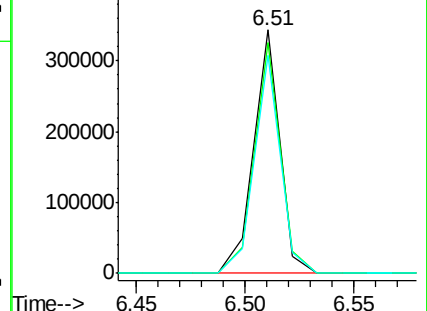
106 89.6 77.6 117.6



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: 30.04 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

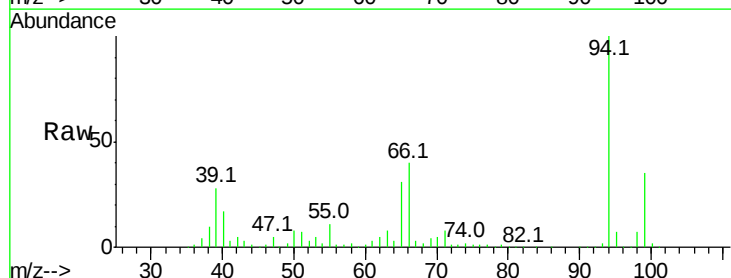
Tgt Ion: 94 Resp: 467314

Ion Ratio Lower Upper

94 100

65 30.5 21.4 61.4

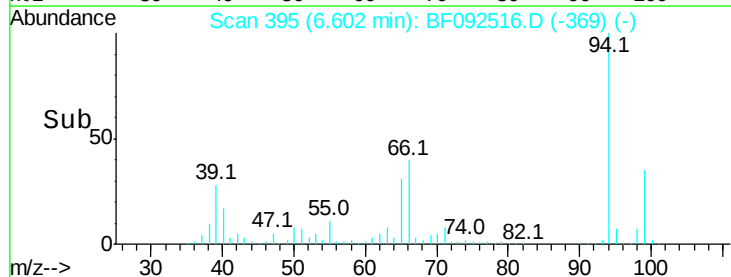
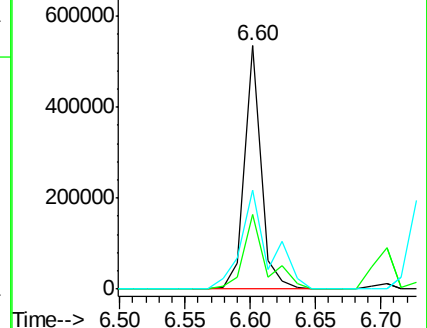
66 40.5 44.0 84.0#

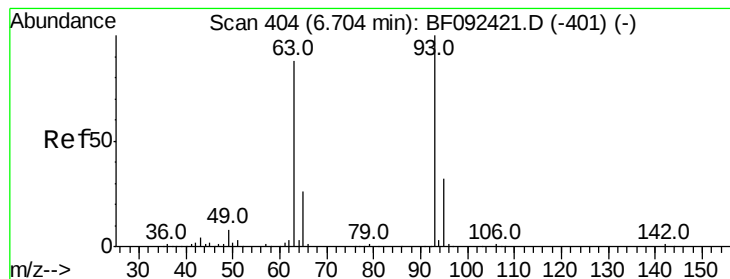


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 32.20 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

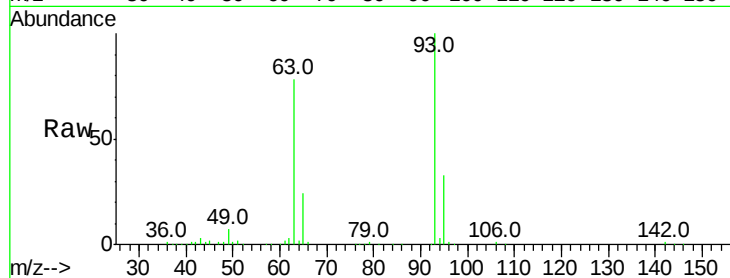
Tot Ion: 93 Resp: 374747

Ion Ratio Lower Upper

93 100

63 78.4 60.4 100.4

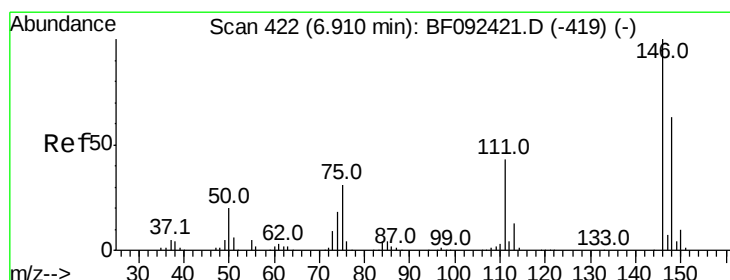
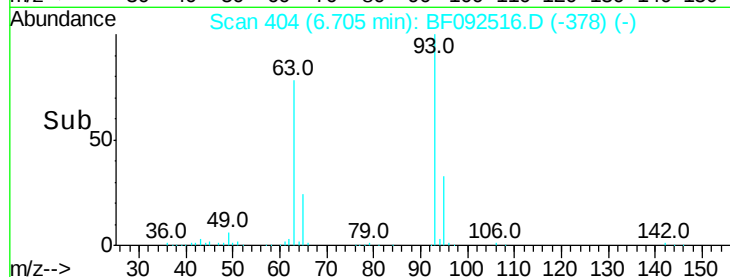
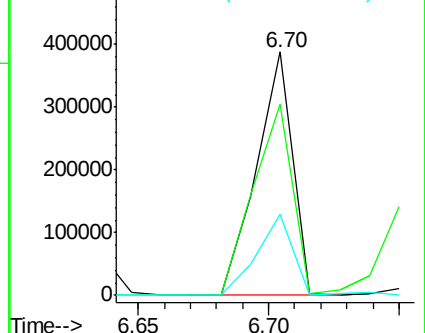
95 33.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 31.49 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

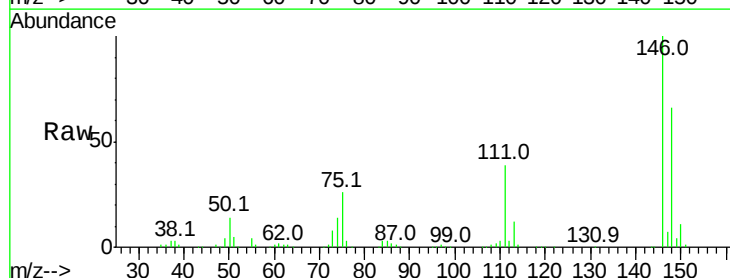
Tgt Ion: 146 Resp: 395748

Ion Ratio Lower Upper

146 100

148 65.9 53.4 80.0

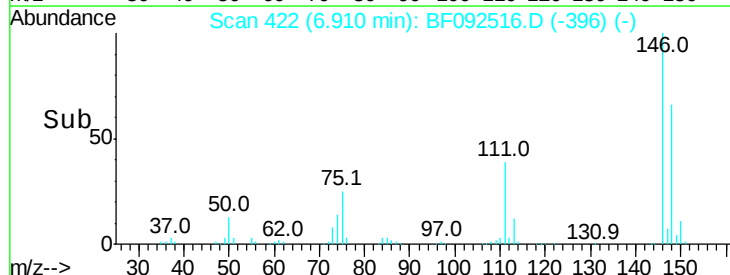
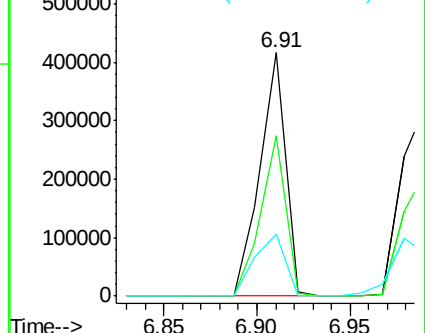
75 25.7 18.5 27.7

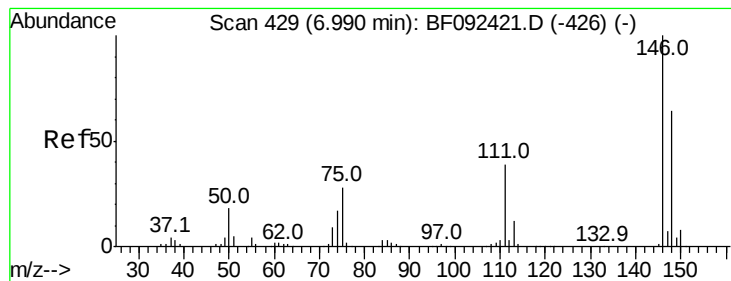


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 31.29 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.08 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampled :

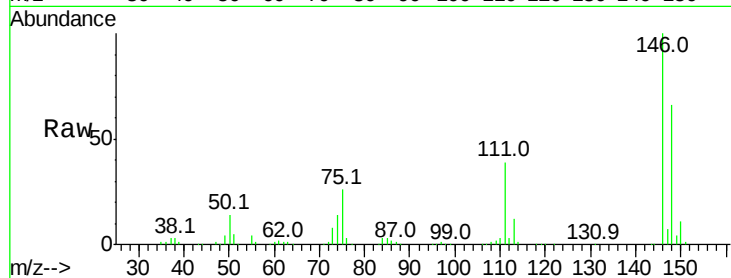
Tot Ion:146 Resp: 395748

Ion Ratio Lower Upper

146 100

148 65.9 50.6 76.0

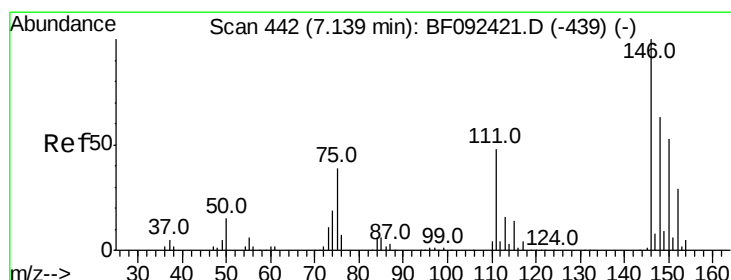
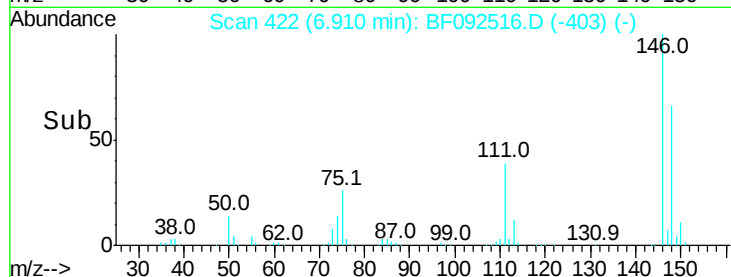
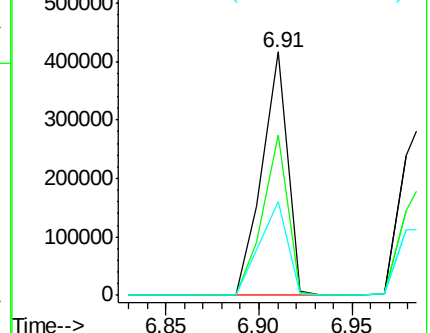
111 38.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.94 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

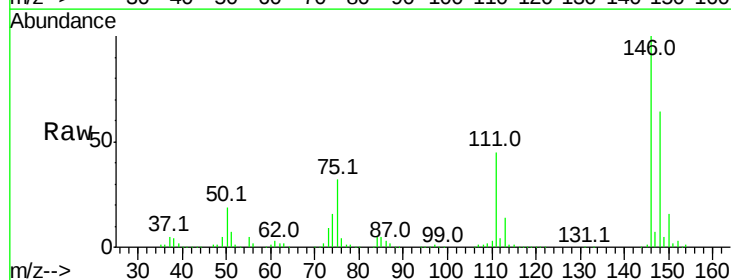
Tgt Ion:146 Resp: 371303

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

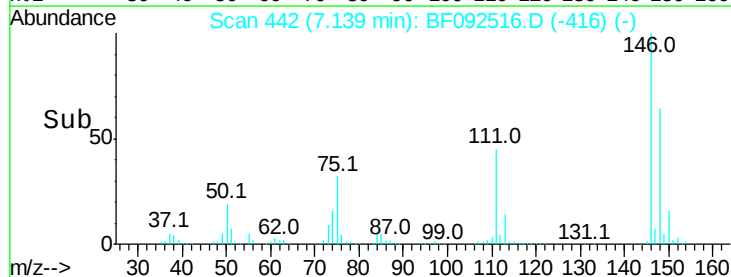
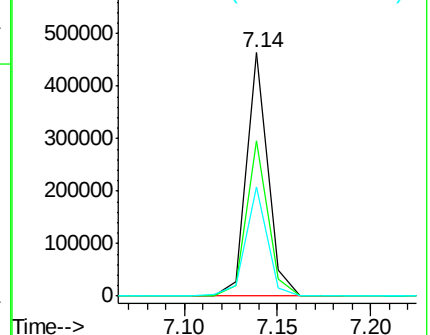
111 44.7 36.2 54.2

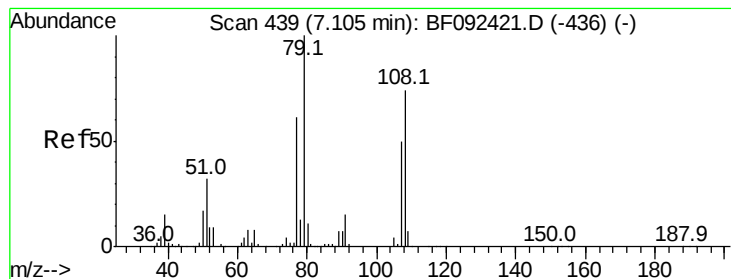


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.43 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampled :

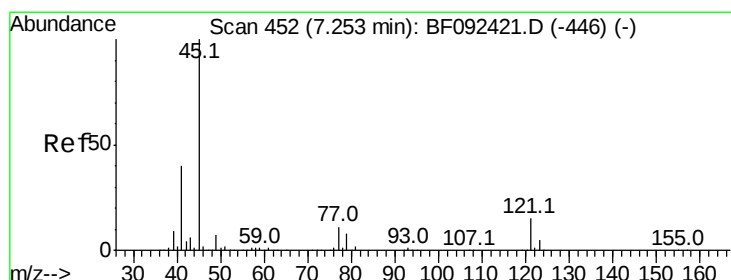
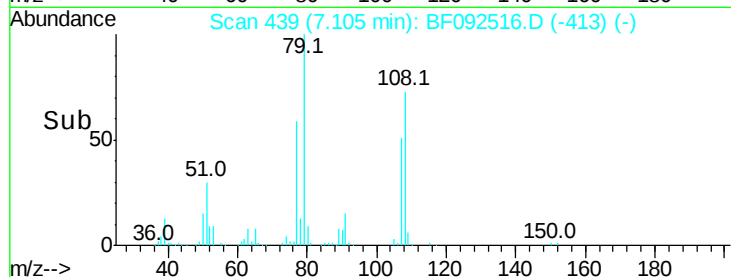
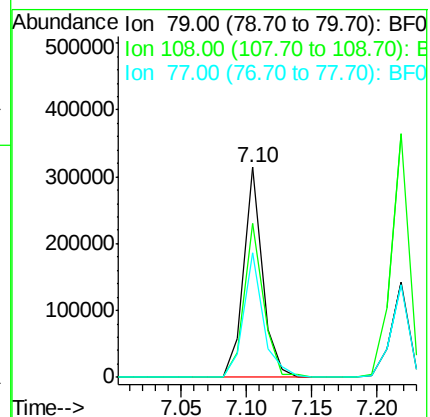
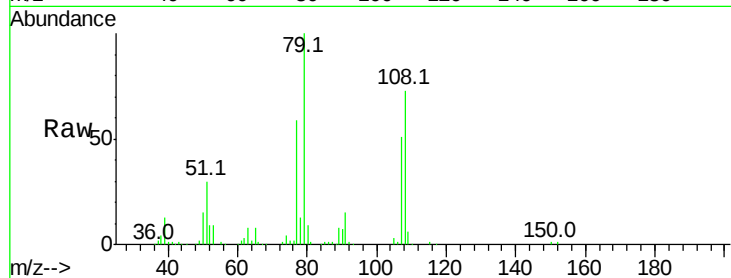
Tot Ion: 79 Resp: 314990

Ion Ratio Lower Upper

79 100

108 73.3 61.4 92.0

77 59.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.63 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

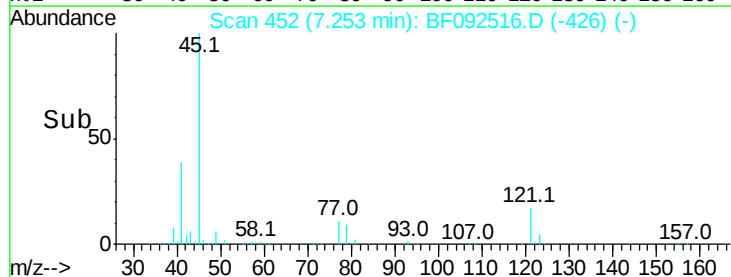
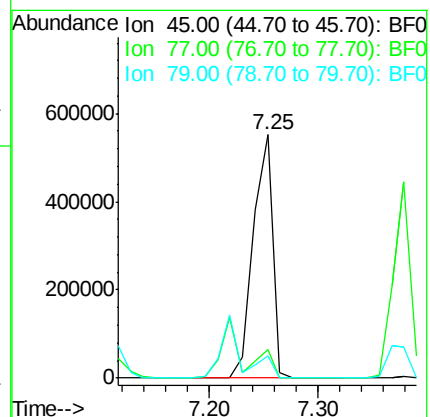
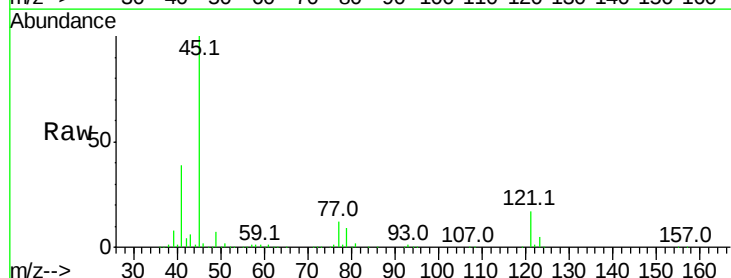
Tgt Ion: 45 Resp: 682020

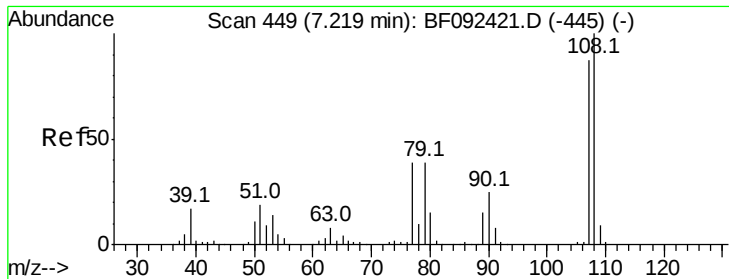
Ion Ratio Lower Upper

45 100

77 11.7 0.0 34.6

79 9.3 0.0 31.2

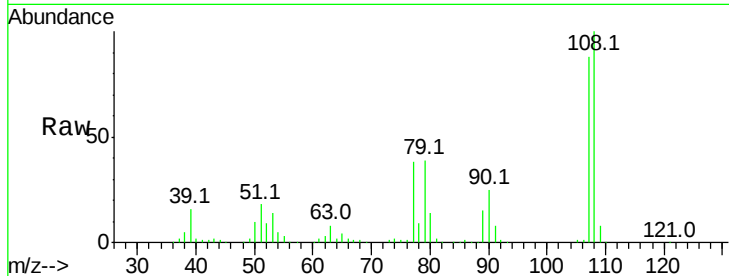




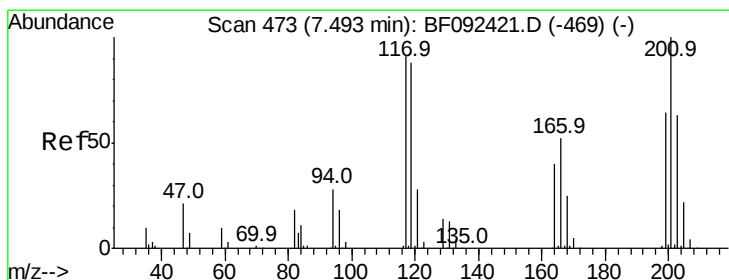
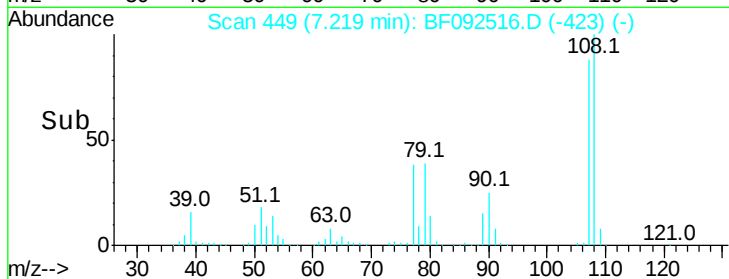
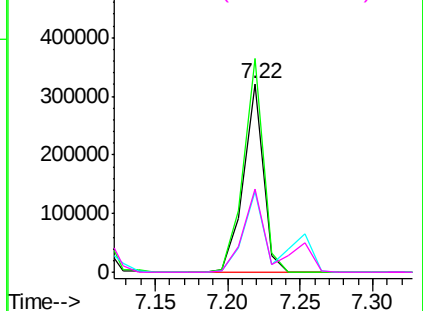
#17
2-Methylphenol
Concen: 33.77 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 306599
Ion Ratio Lower Upper
107 100
108 113.2 93.0 139.6
77 42.8 39.8 59.8
79 44.1 38.0 57.0

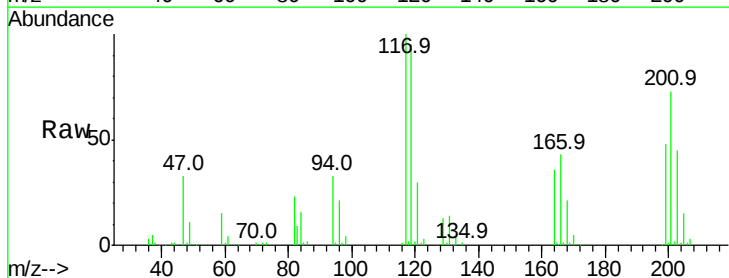


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

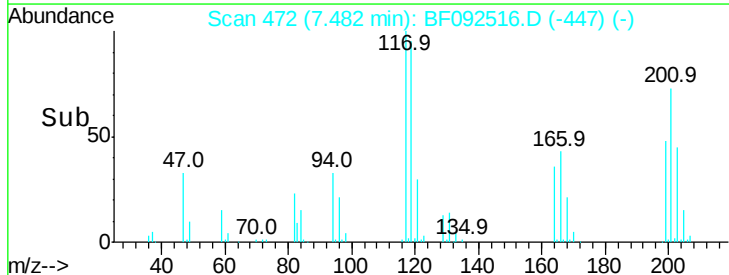
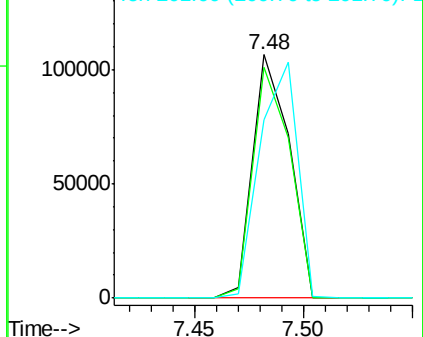


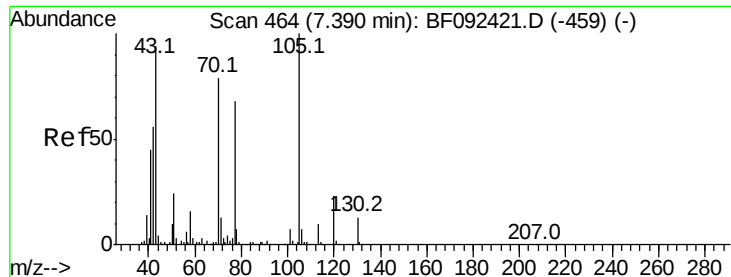
#18
Hexachloroethane
Concen: 28.90 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

Tgt Ion:117 Resp: 125949
Ion Ratio Lower Upper
117 100
119 95.1 78.1 117.1
201 73.1 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 27.90 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 244820

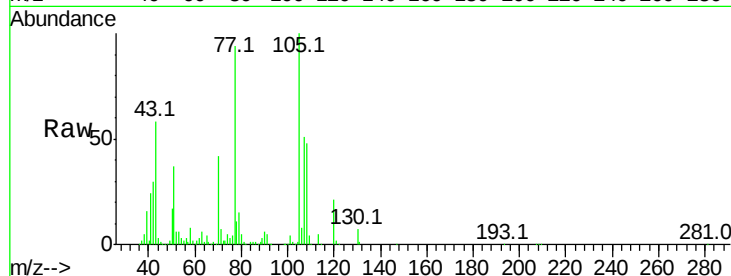
Ion Ratio Lower Upper

70 100

42 70.9 49.4 74.0

101 8.9 7.4 11.2

130 17.1 14.2 21.4

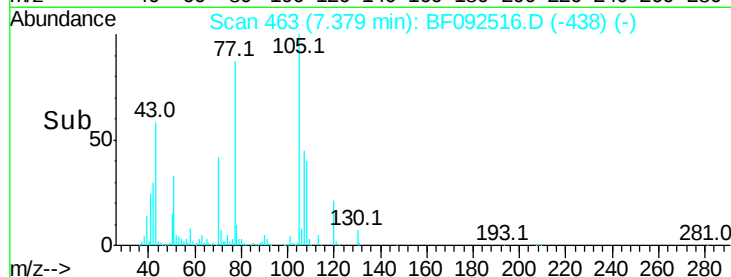
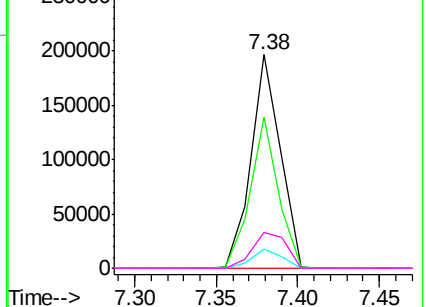


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 33.65 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Tgt Ion: 107 Resp: 370672

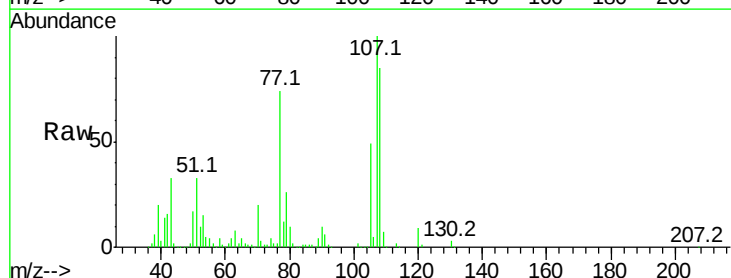
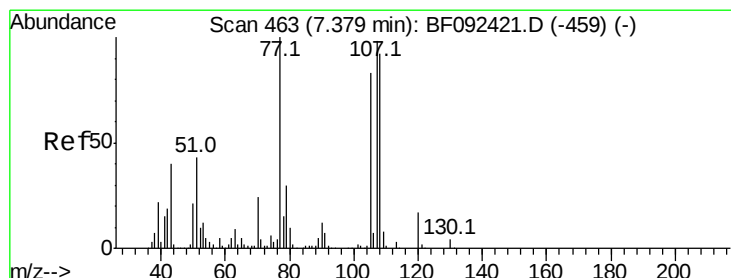
Ion Ratio Lower Upper

107 100

108 85.4 73.0 113.0

77 74.4 71.3 111.3

79 26.2 11.1 51.1

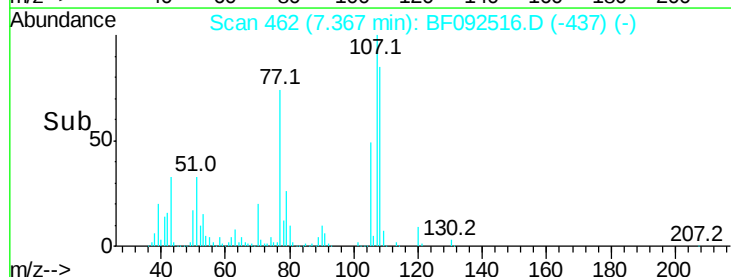
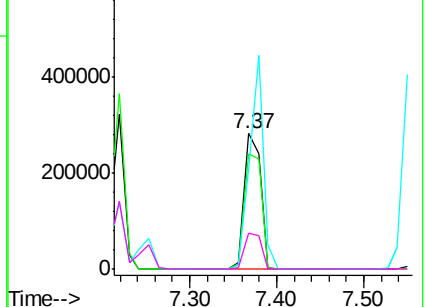


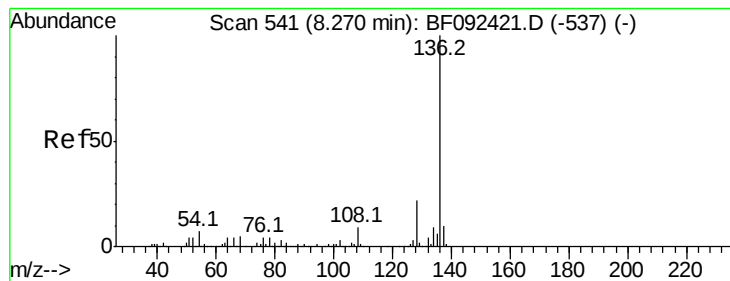
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 622608

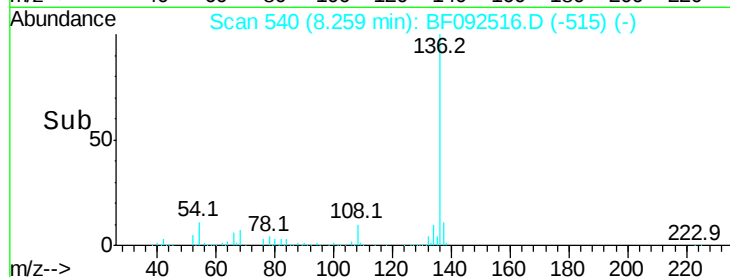
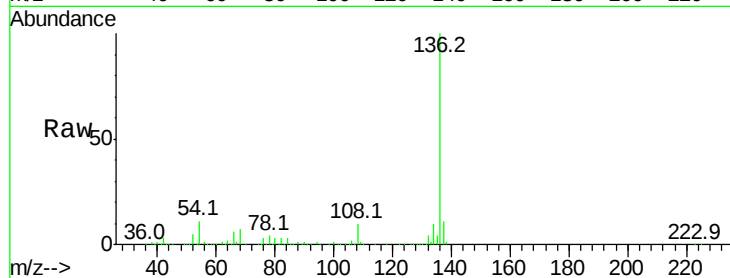
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.9 4.5 6.7#

68 7.4 3.6 5.4#

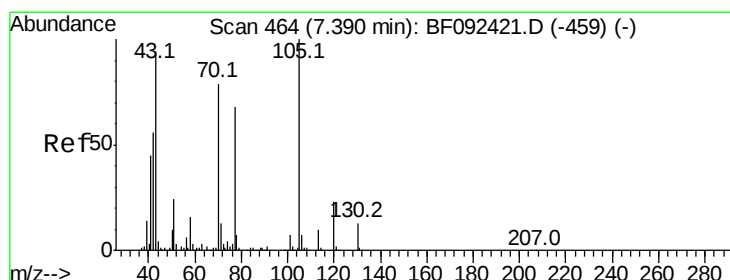
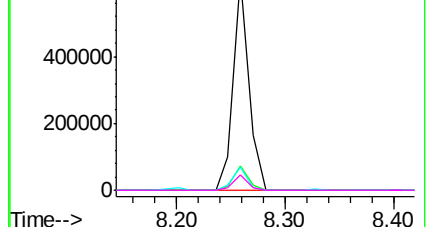


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.17 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Tgt Ion:105 Resp: 477057

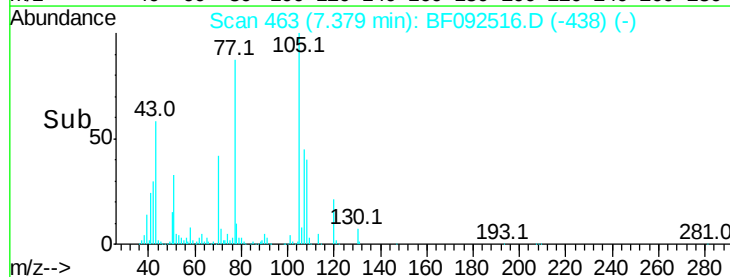
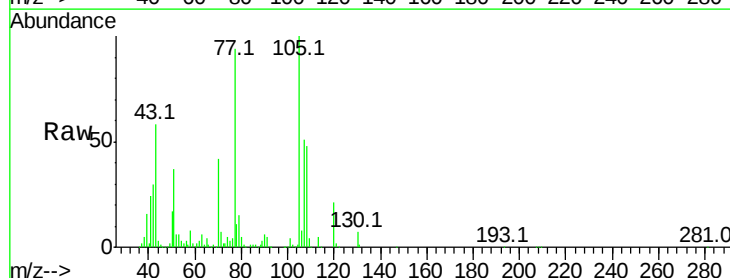
Ion Ratio Lower Upper

105 100

71 7.0 3.2 4.8#

51 37.5 26.2 39.4

120 21.3 16.6 24.8

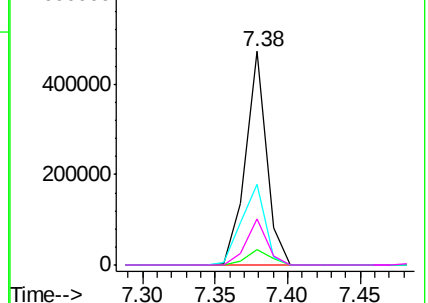


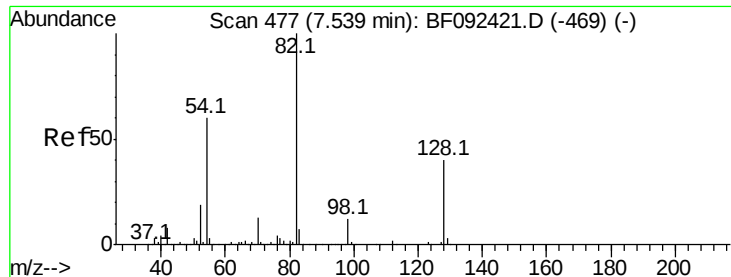
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

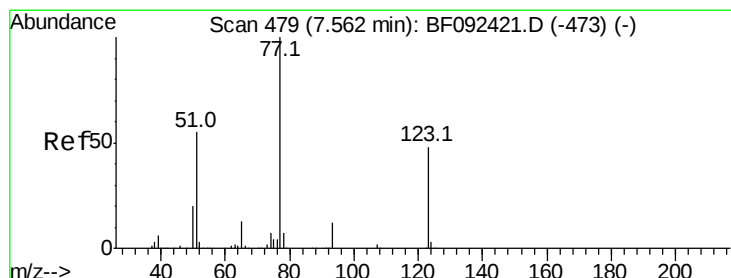
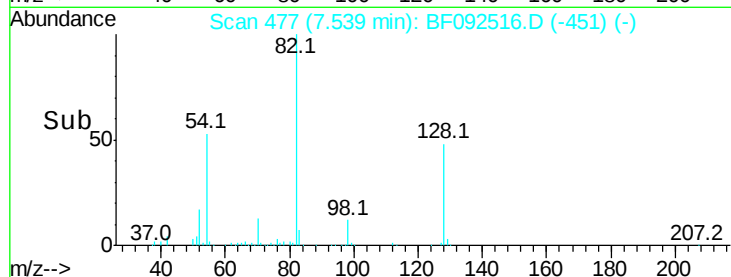
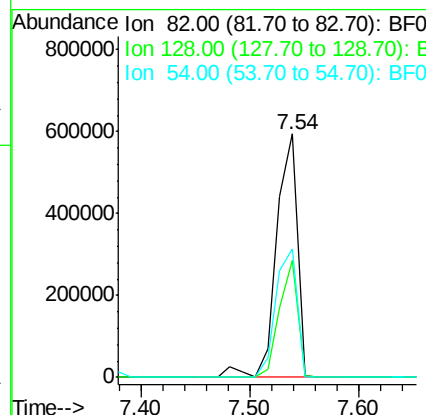
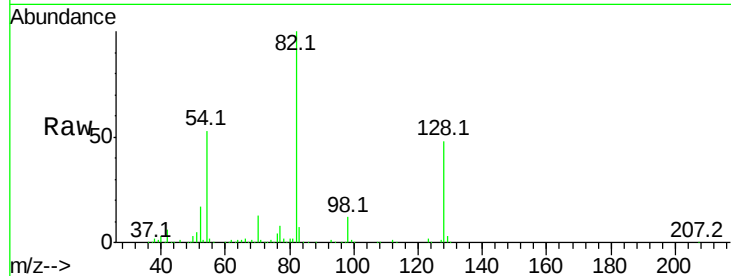




#23
Nitrobenzene-d5
Concen: 69.18 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

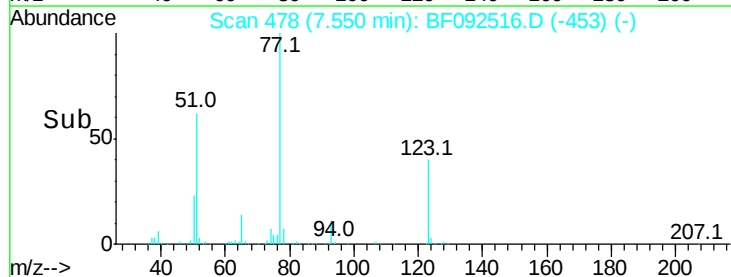
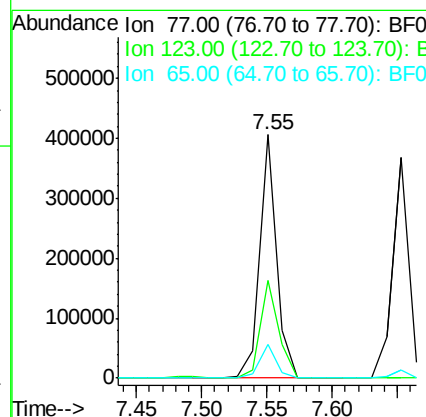
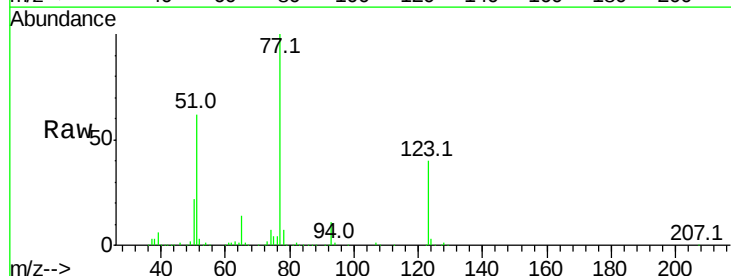
Instrument :
BNA_F
ClientSampleId :

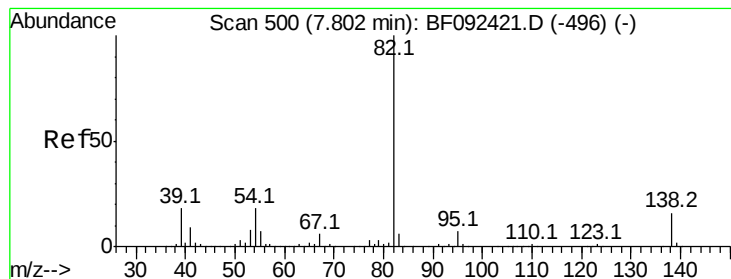
Tot Ion: 82 Resp: 788512
Ion Ratio Lower Upper
82 100
128 47.9 34.6 52.0
54 52.6 39.5 59.3



#24
Nitrobenzene
Concen: 30.75 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

Tgt Ion: 77 Resp: 367156
Ion Ratio Lower Upper
77 100
123 40.0 33.0 49.4
65 14.1 11.2 16.8





#25

Isophorone

Concen: 31.05 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

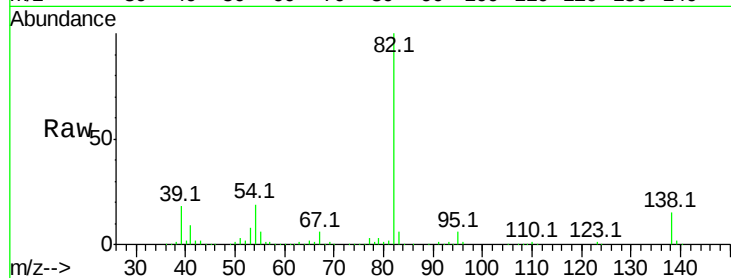
Tot Ion: 82 Resp: 697500

Ion Ratio Lower Upper

82 100

95 6.0 5.6 8.4

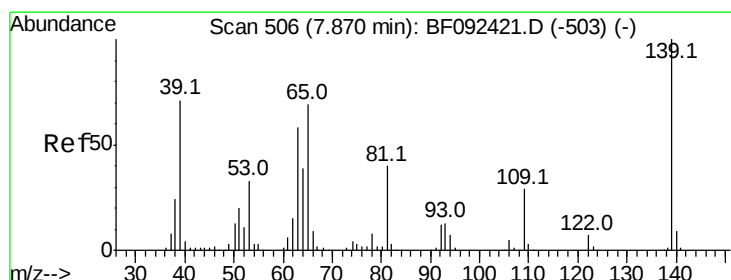
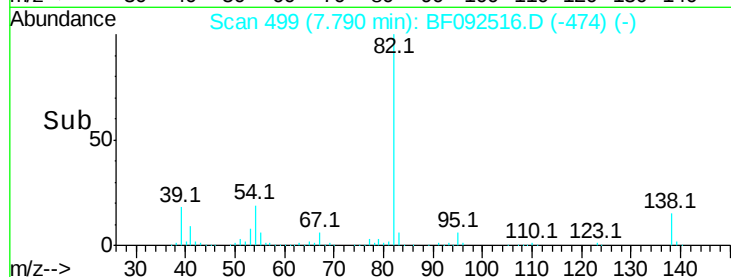
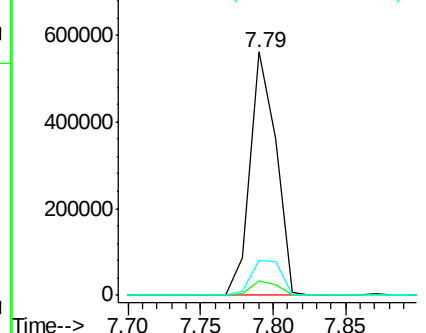
138 14.6 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.02 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

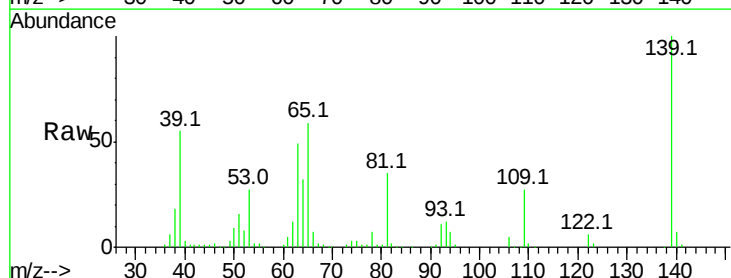
Tgt Ion: 139 Resp: 170222

Ion Ratio Lower Upper

139 100

109 27.4 23.3 34.9

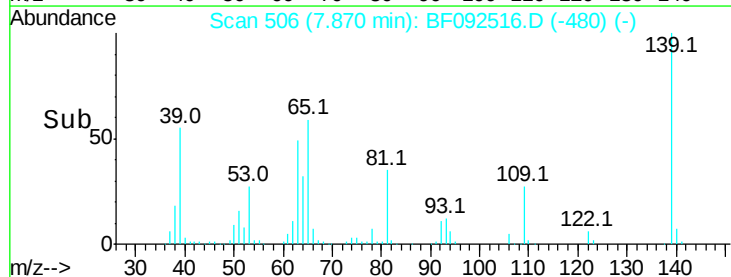
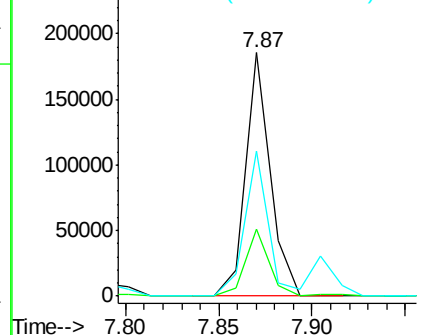
65 59.4 42.7 64.1

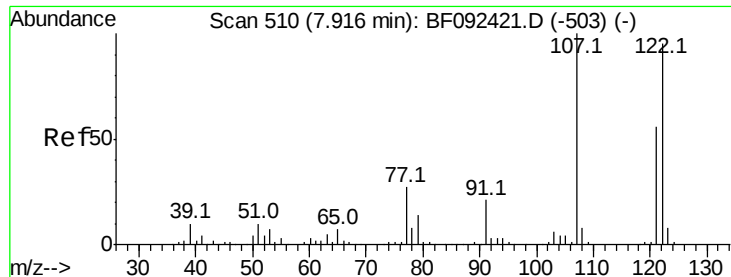


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

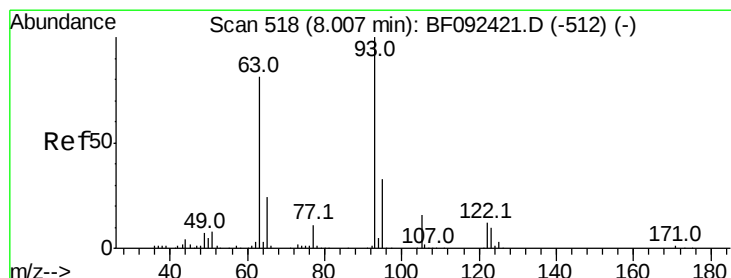
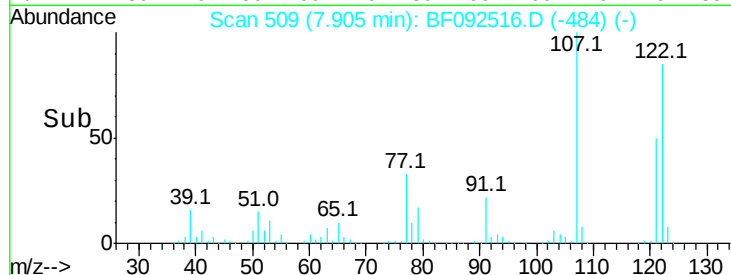
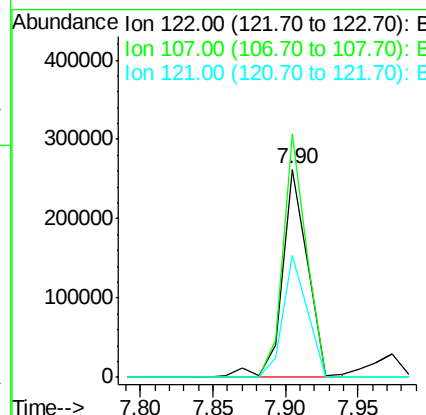
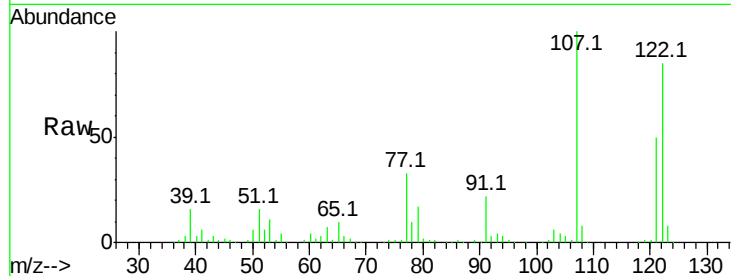




#27
 2,4-Dimethylphenol
 Concen: 30.33 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

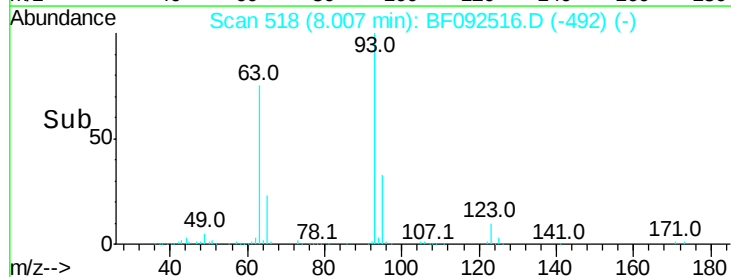
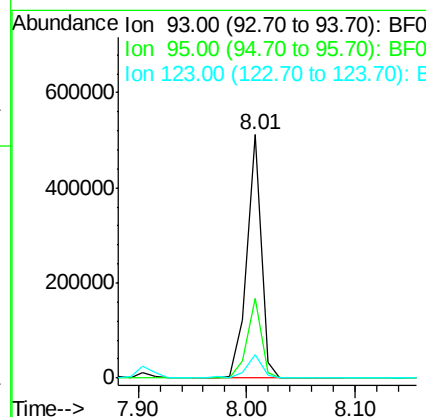
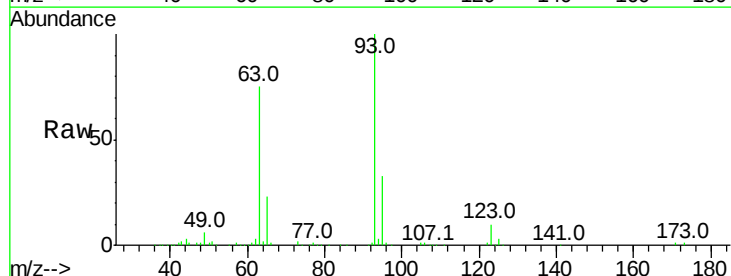
Instrument :
 BNA_F
 ClientSampleId :

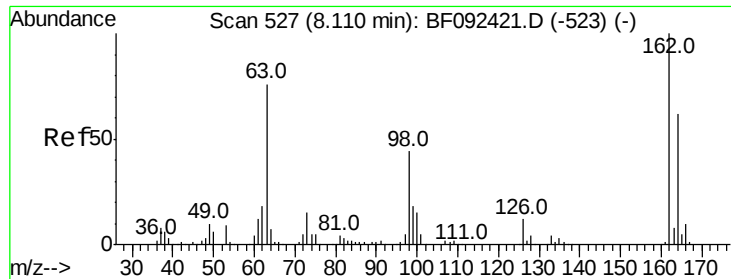
Tot Ion:122 Resp: 315642
 Ion Ratio Lower Upper
 122 100
 107 117.0 94.1 141.1
 121 58.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.30 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Tgt Ion: 93 Resp: 461488
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 9.8 8.6 13.0

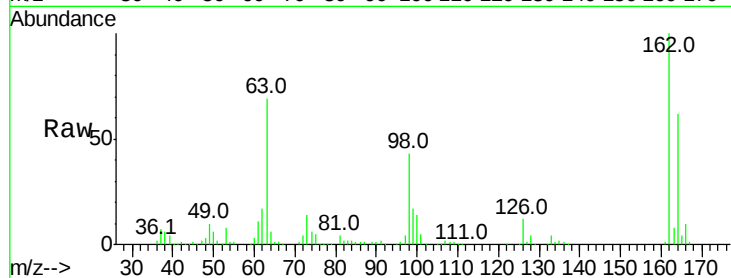




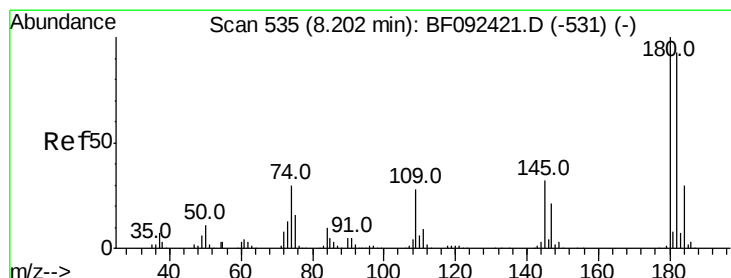
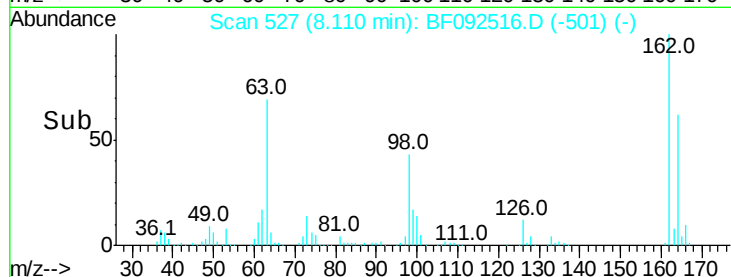
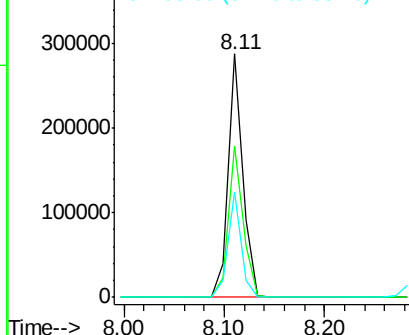
#29
 2,4-Dichlorophenol
 Concen: 32.27 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.8	86.8
98	43.3	9.1	49.1

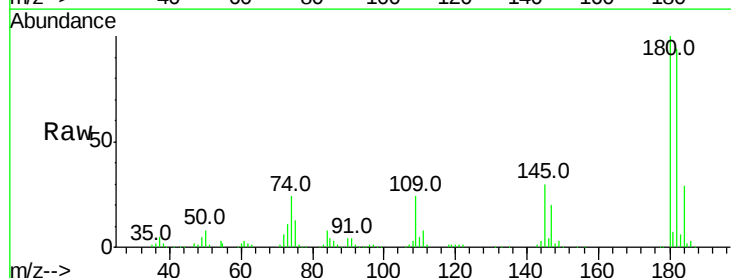


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

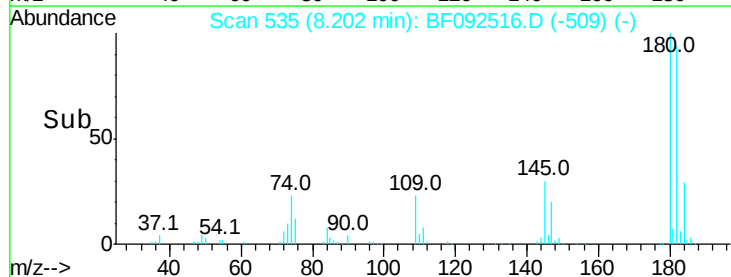
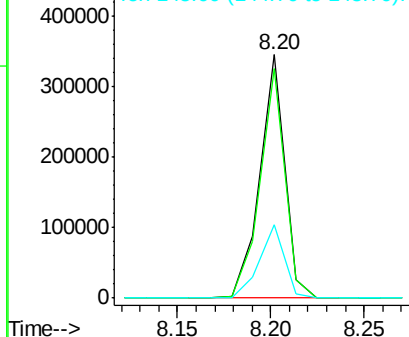


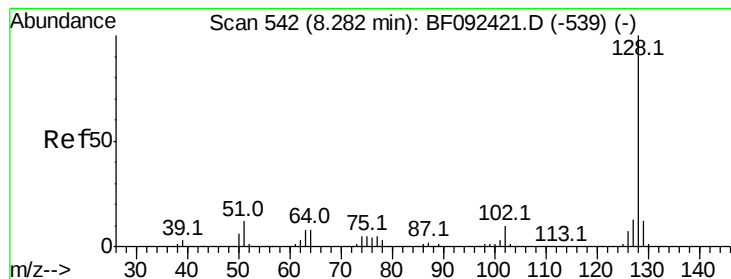
#30
 1,2,4-Trichlorobenzene
 Concen: 32.39 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.2	117.4
145	30.2	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: 30.26 ng

RT: 8.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampled :

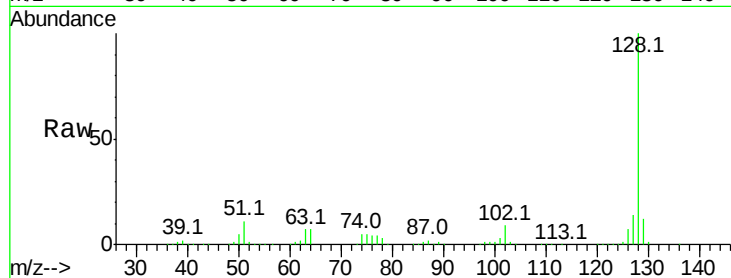
Tot Ion:128 Resp: 964109

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

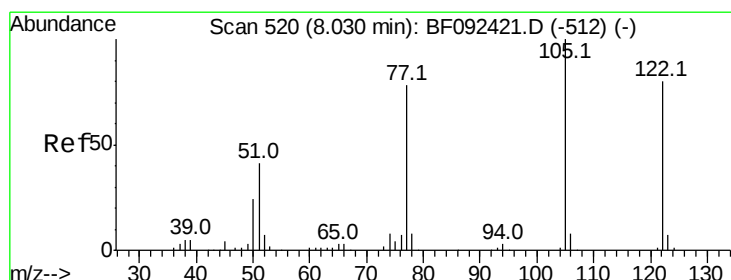
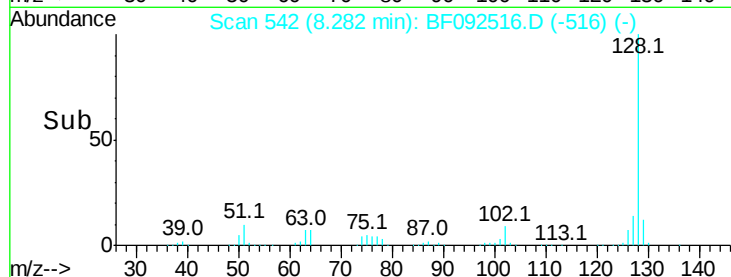
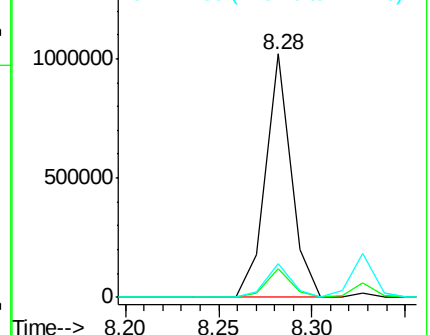
127 13.7 10.8 16.2



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: 8.99 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.06 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

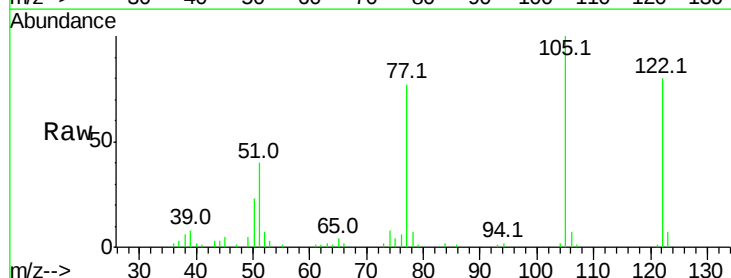
Tgt Ion:122 Resp: 37045

Ion Ratio Lower Upper

122 100

105 125.2 107.2 147.2

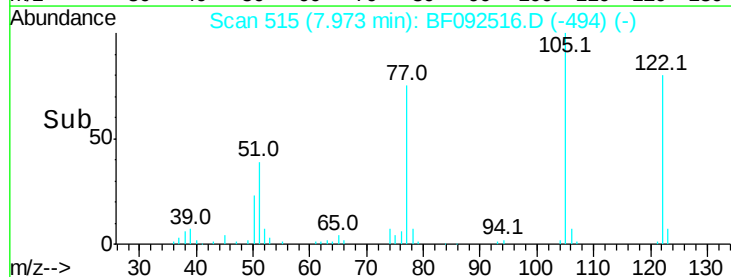
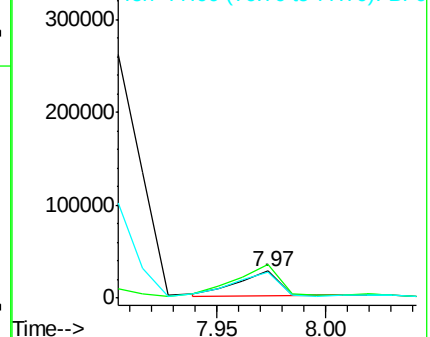
77 95.9 74.5 114.5

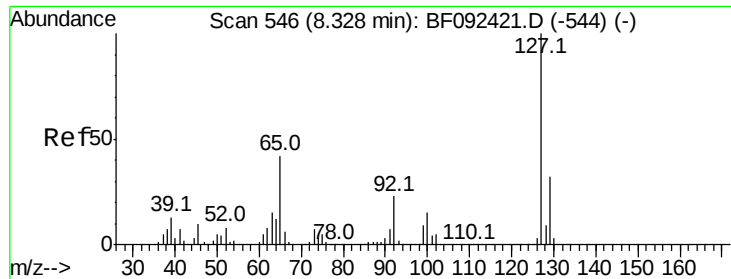


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

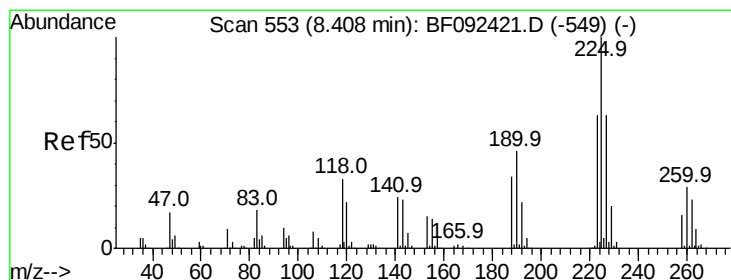
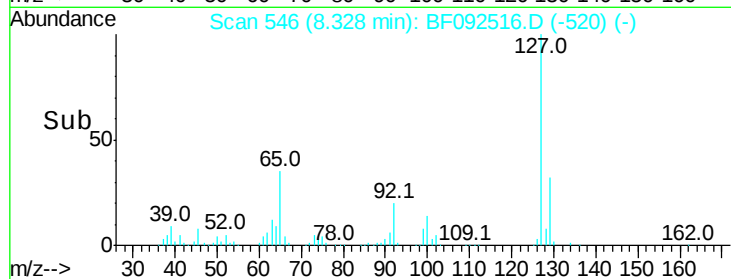
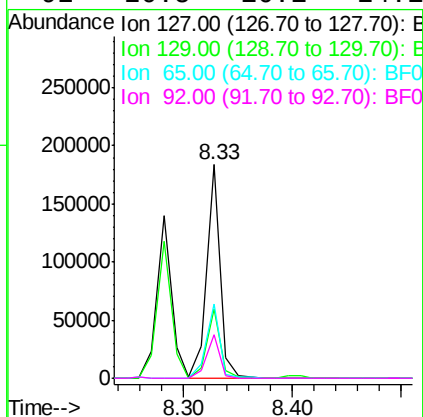
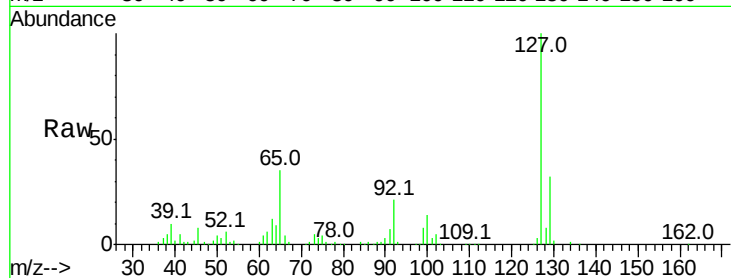




#33
4-Chloroaniline
Concen: 11.89 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

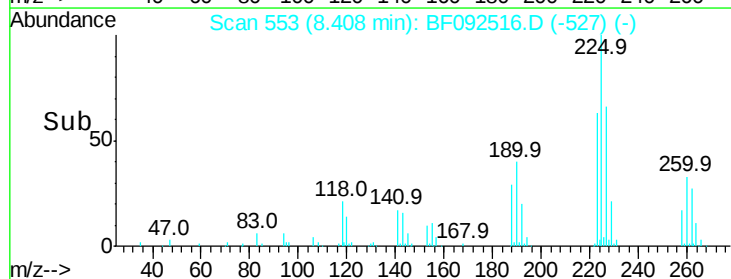
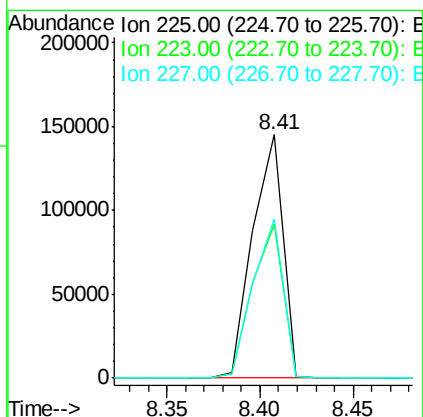
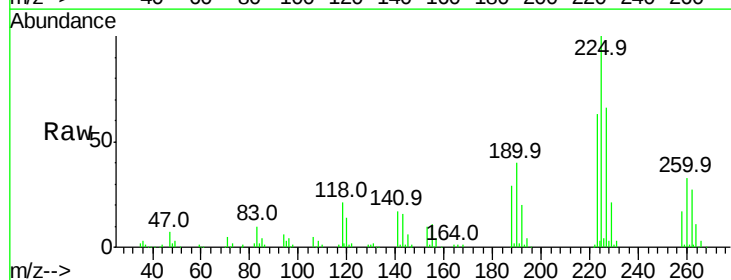
Instrument :
BNA_F
ClientSampleId :

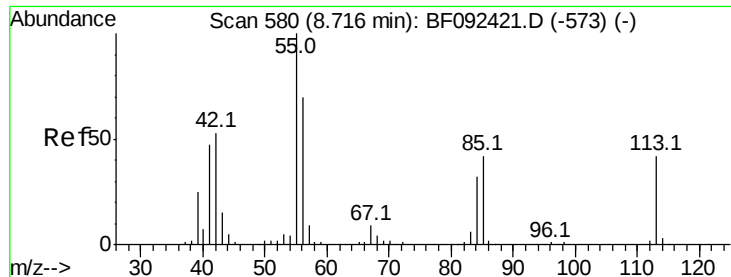
Tot Ion:	127	Resp:	160253
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	34.8	25.8	38.8
92	20.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 30.66 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

Tgt Ion:	225	Resp:	163523
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	65.6	50.6	76.0





#35

Caprolactam

Concen: 25.32 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.02 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampled :

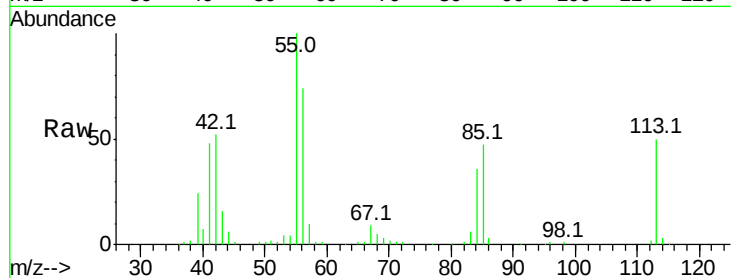
Tot Ion:113 Resp: 76272

Ion Ratio Lower Upper

113 100

55 201.8 119.2 159.2#

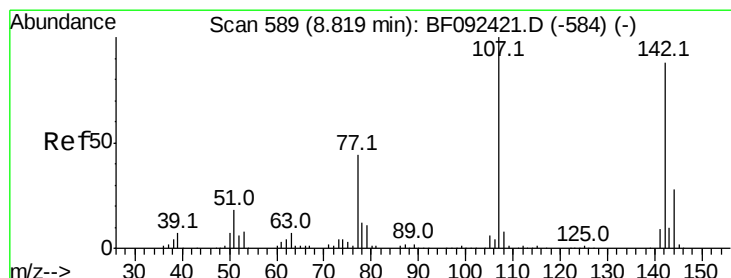
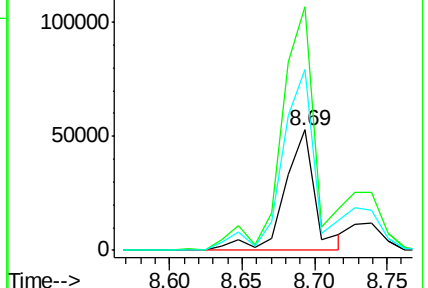
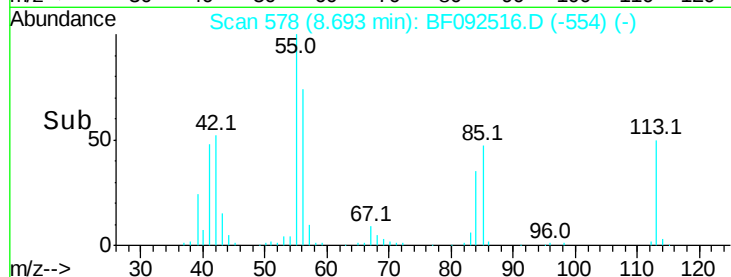
56 149.6 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.80 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

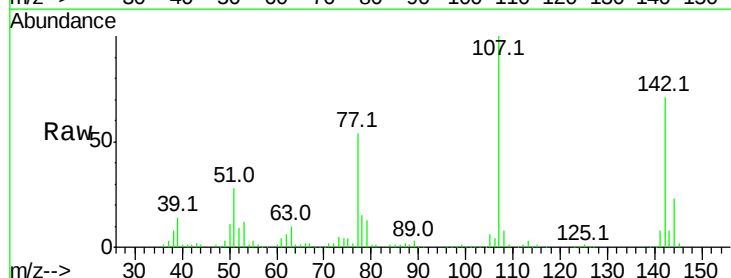
Tgt Ion:107 Resp: 319146

Ion Ratio Lower Upper

107 100

144 22.6 19.3 28.9

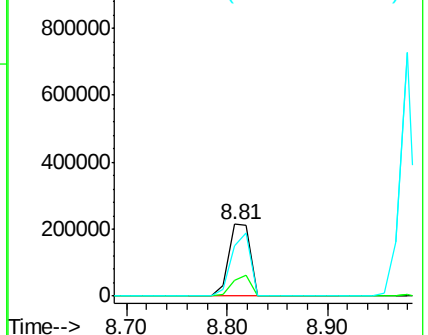
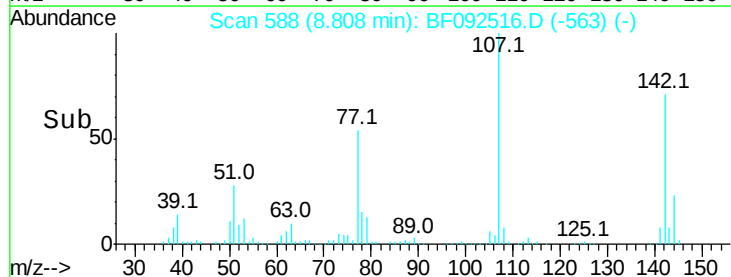
142 70.6 59.0 88.6

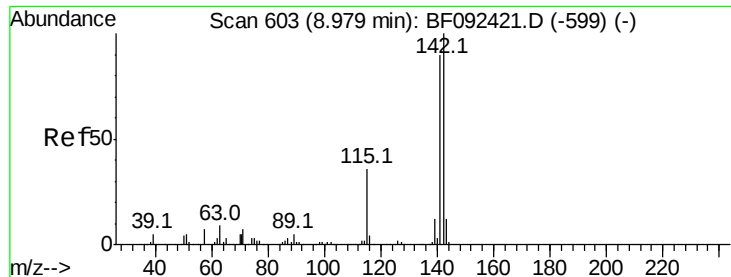


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

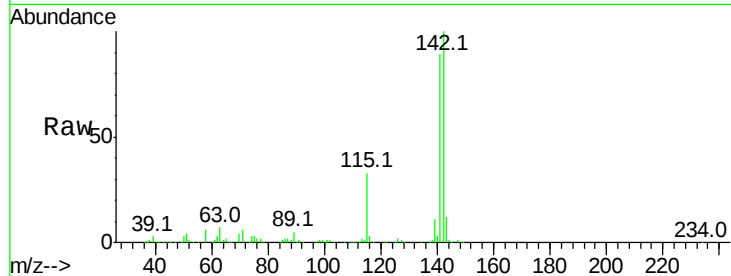




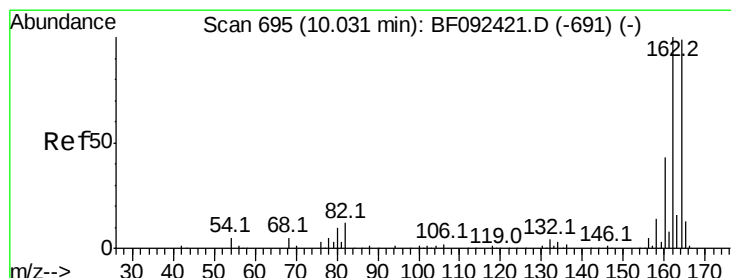
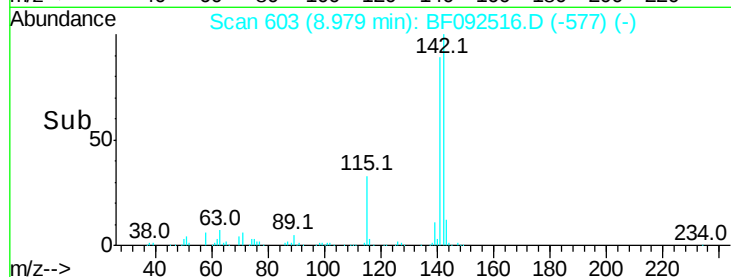
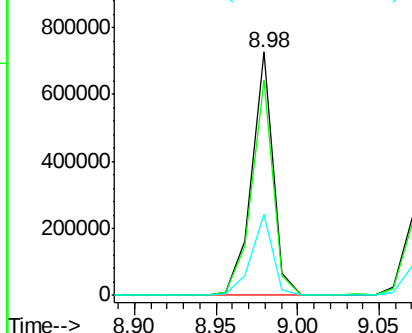
#37
 2-Methylnaphthalene
 Concen: 32.83 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 662304
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.0 106.6
 115 33.1 28.3 42.5

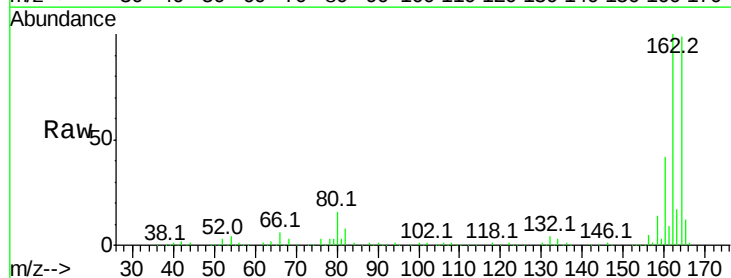


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

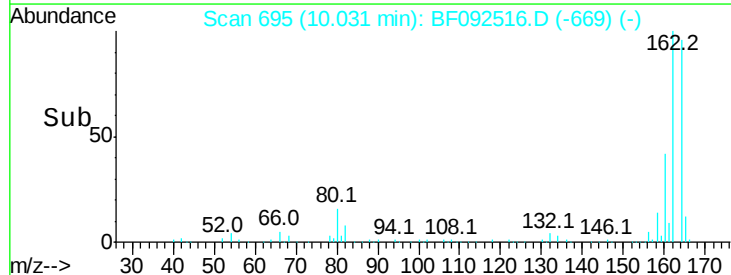
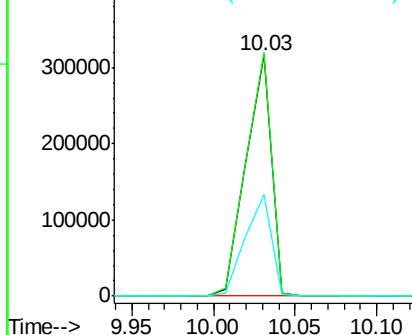


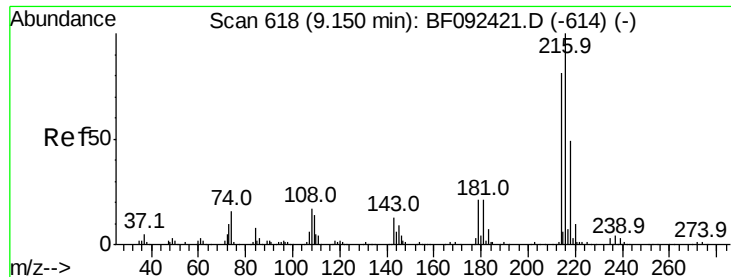
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Tgt Ion:164 Resp: 341237
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.2 120.2
 160 42.5 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.86 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 308680

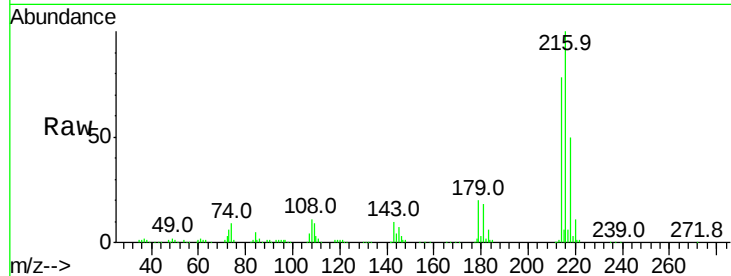
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 21.6 17.4 26.2

108 17.7 15.6 23.4

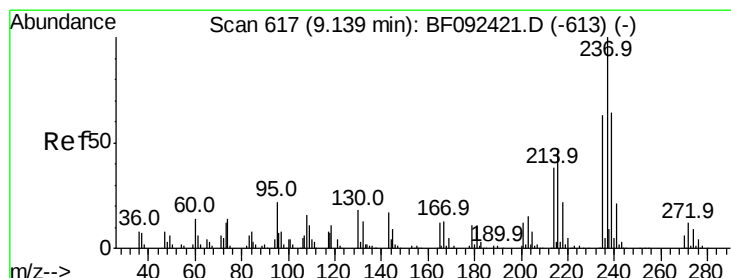
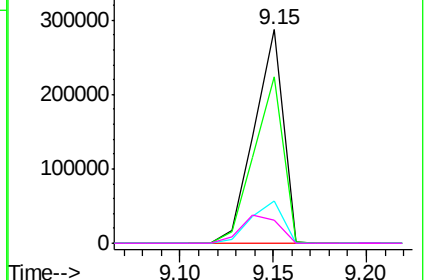
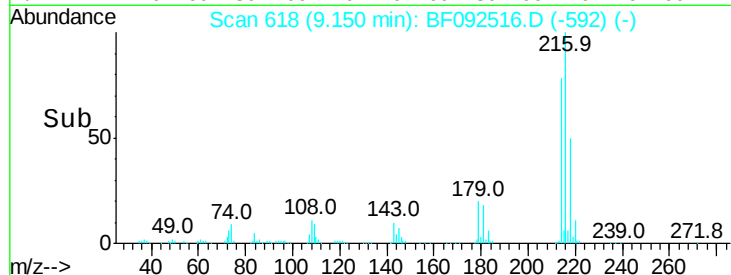


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.53 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

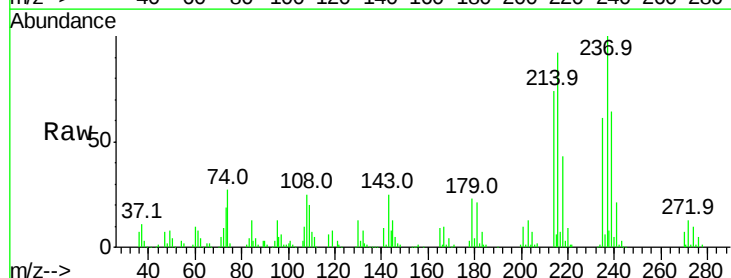
Tgt Ion:237 Resp: 166100

Ion Ratio Lower Upper

237 100

235 60.6 41.2 81.2

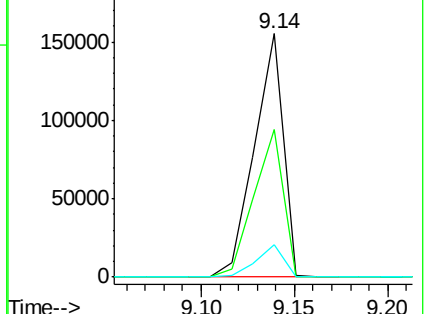
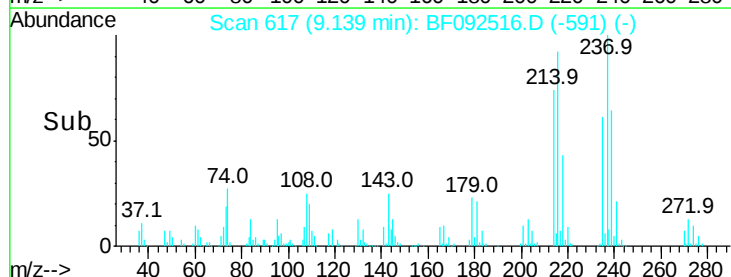
272 13.2 0.0 35.4

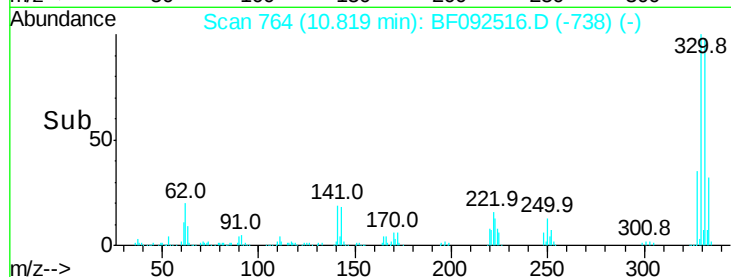
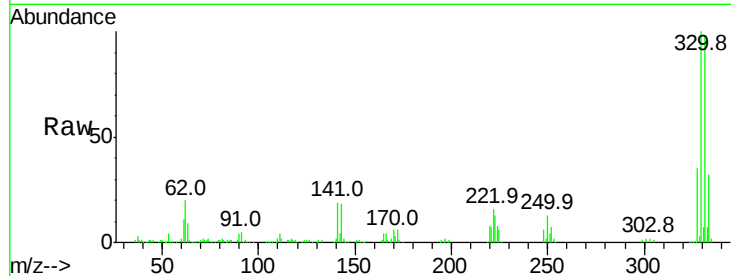
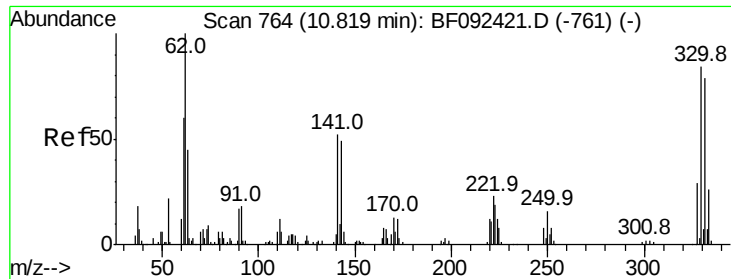


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 99.80 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

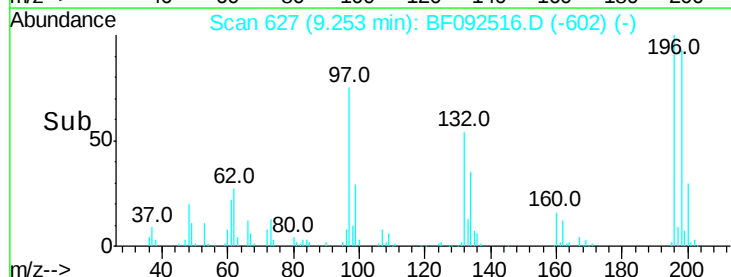
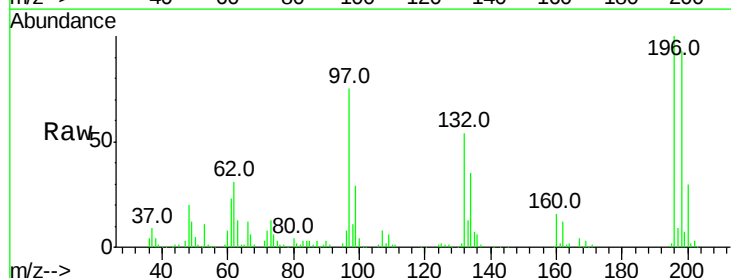
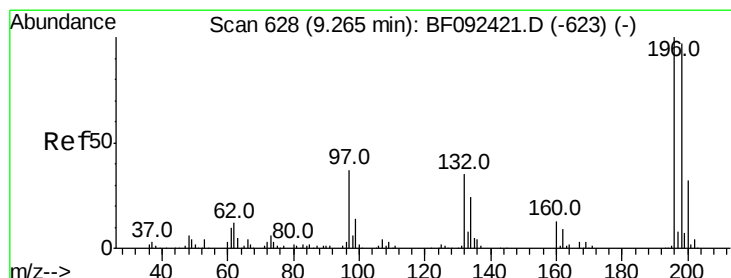
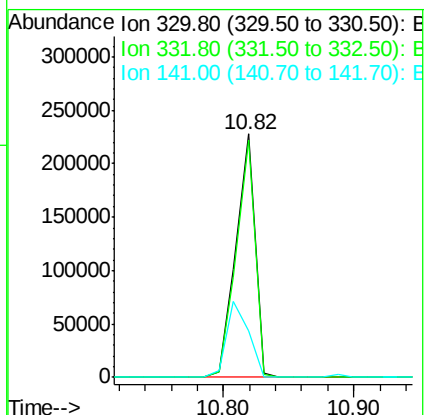
Tot Ion:330 Resp: 232070

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

141 36.3 34.1 51.1



#42

2,4,6-Trichlorophenol

Concen: 31.01 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

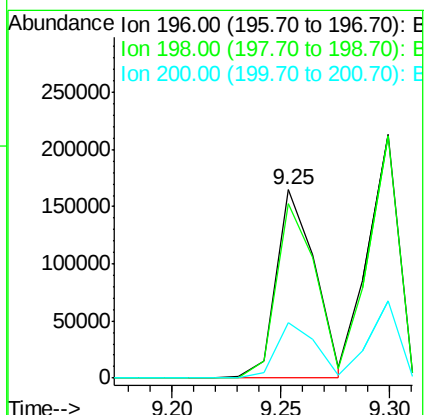
Tgt Ion:196 Resp: 204489

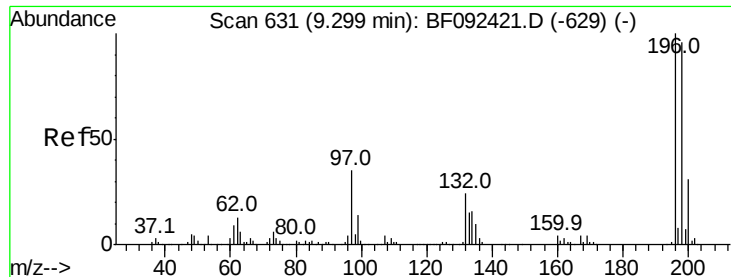
Ion Ratio Lower Upper

196 100

198 93.1 82.1 123.1

200 29.8 27.0 40.4

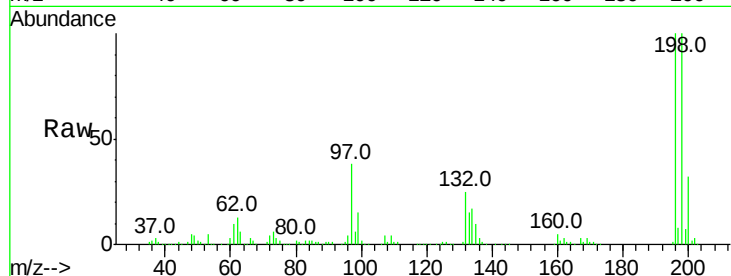




#43
 2,4,5-Trichlorophenol
 Concen: 34.80 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	79.4	119.2
97	38.0	51.5	77.3#
132	24.9	27.4	41.2#



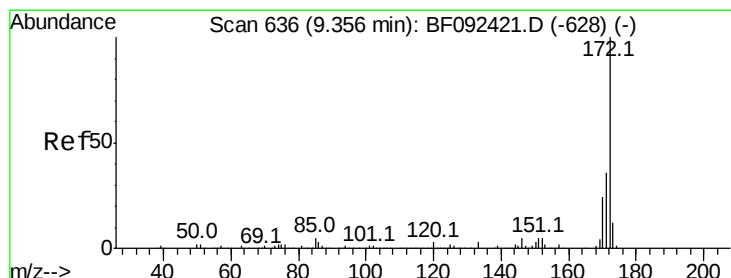
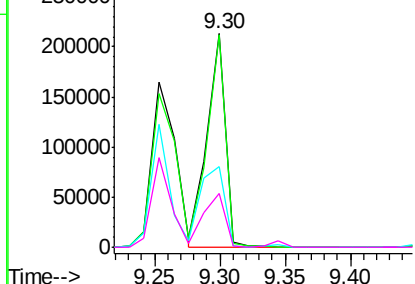
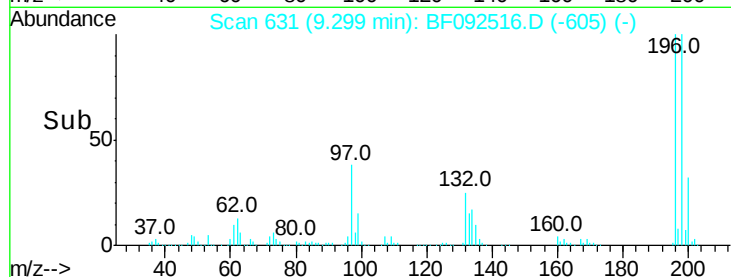
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

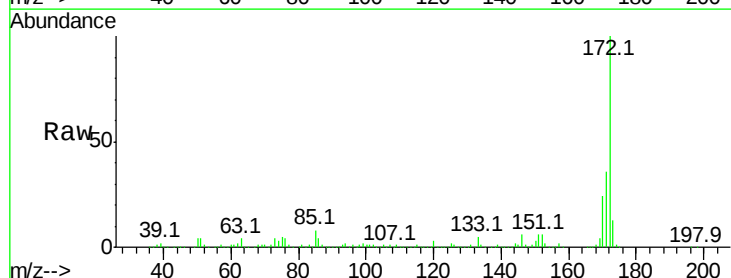
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 61.65 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.9	20.2	30.4

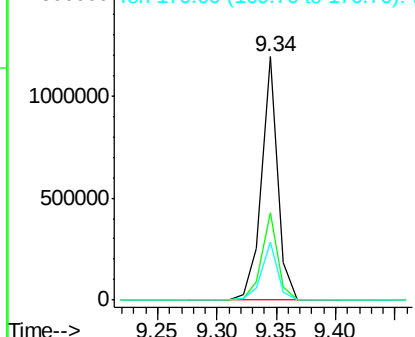
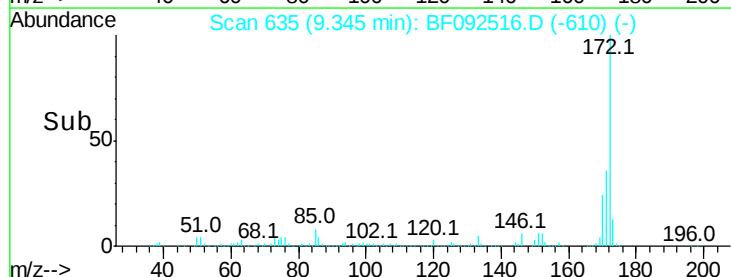


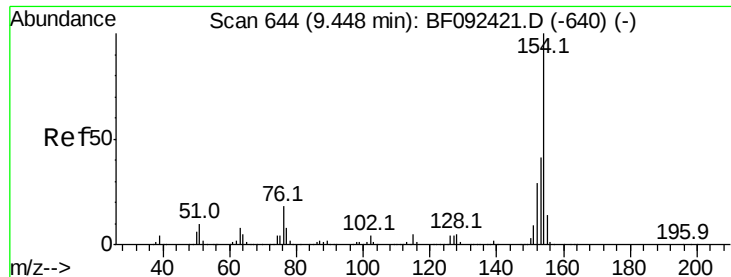
Abundance

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: 34.34 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

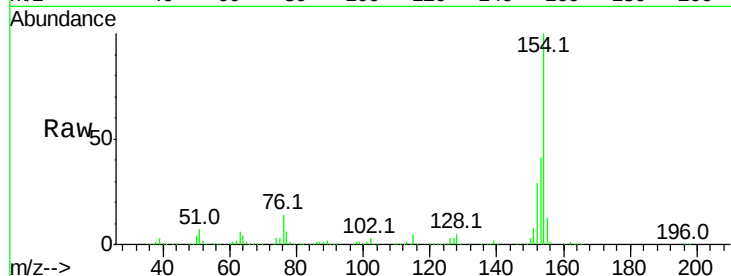
Tot Ion:154 Resp: 847053

Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

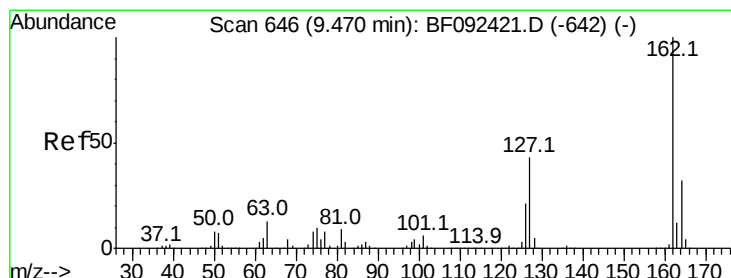
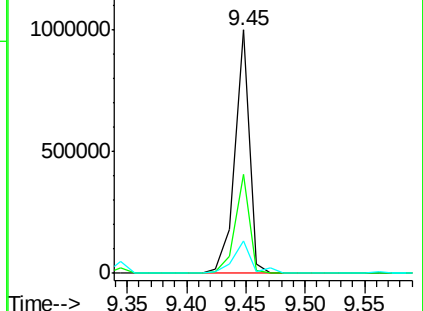
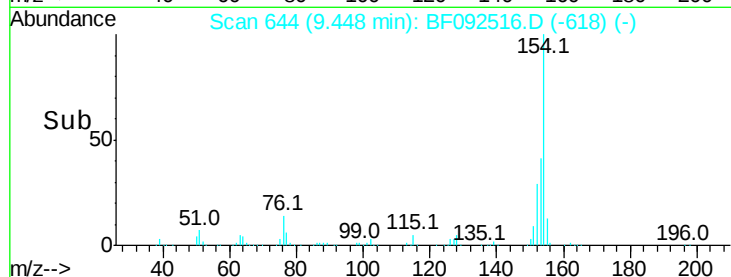
76 13.5 0.0 30.5



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: 30.49 ng

RT: 9.47 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

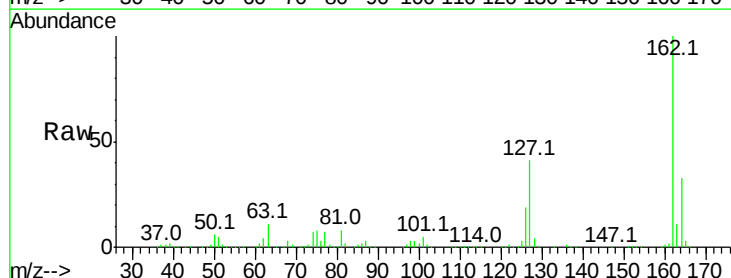
Tgt Ion:162 Resp: 614393

Ion Ratio Lower Upper

162 100

127 40.9 30.7 46.1

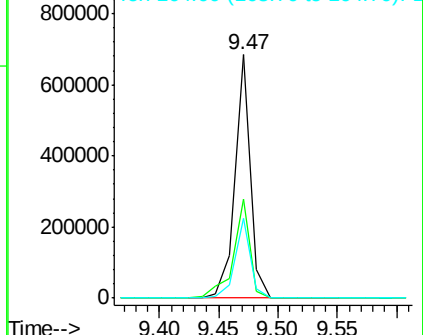
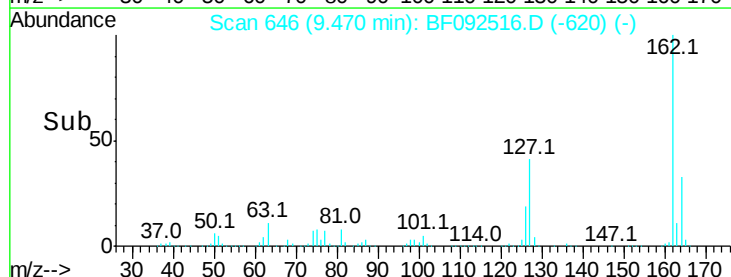
164 32.9 27.6 41.4

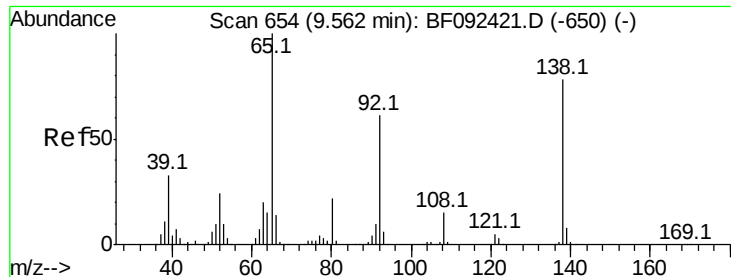


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 29.77 ng

RT: 9.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

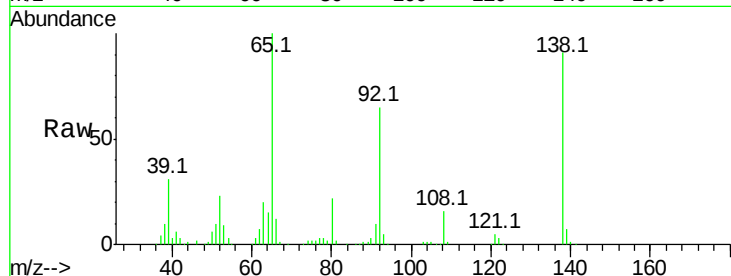
Tot Ion: 65 Resp: 201960

Ion Ratio Lower Upper

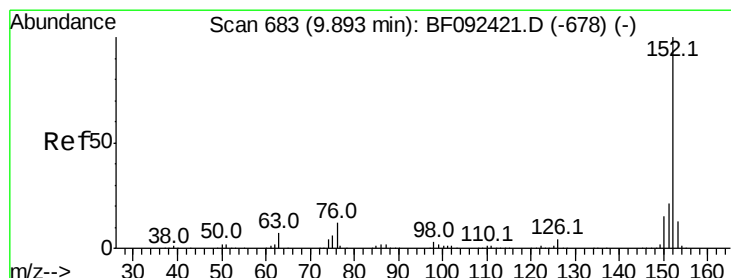
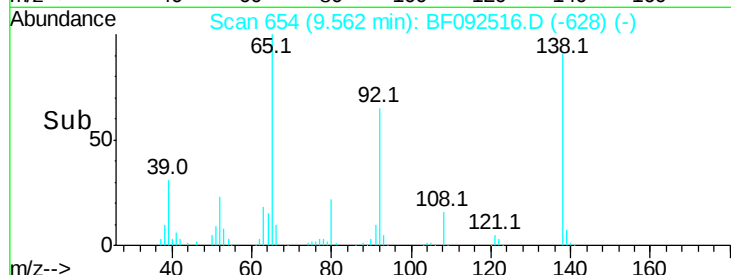
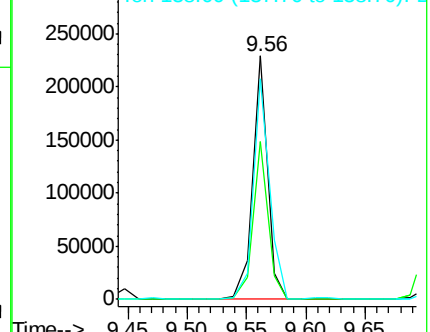
65 100

92 65.0 53.9 80.9

138 90.5 76.8 115.2



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



#48

Acenaphthylene

Concen: 33.14 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

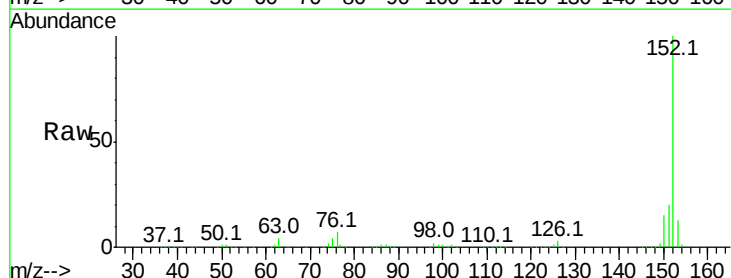
Tgt Ion: 152 Resp: 979390

Ion Ratio Lower Upper

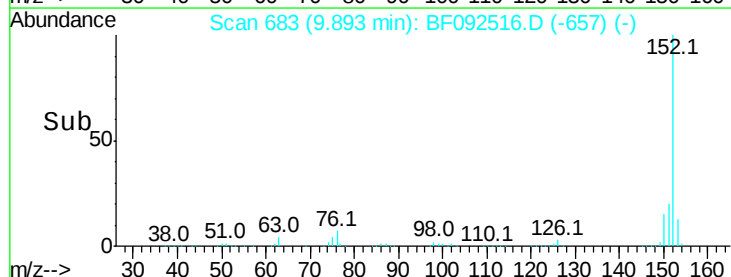
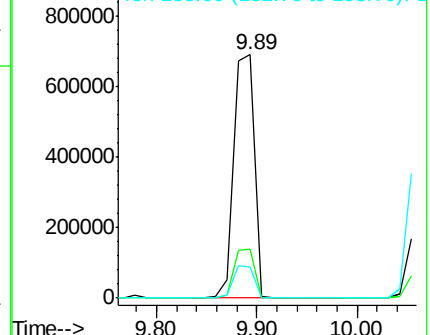
152 100

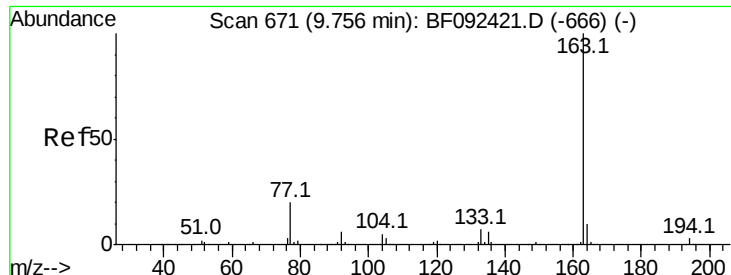
151 20.2 16.9 25.3

153 12.7 11.4 17.2



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

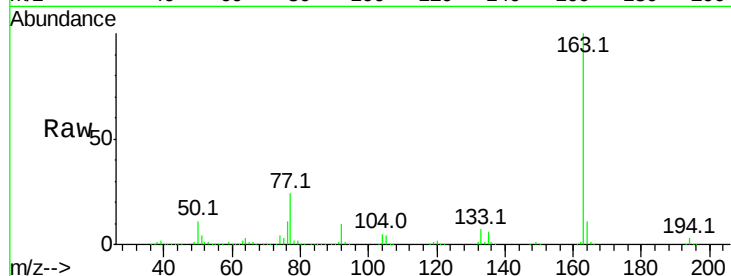




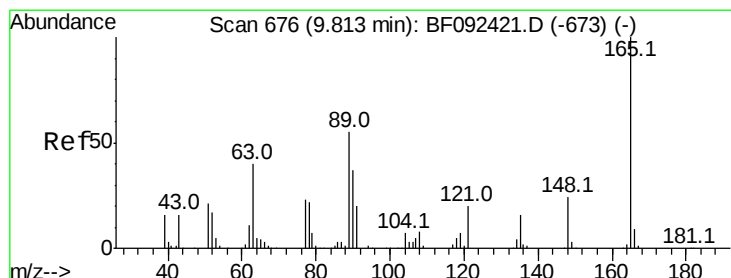
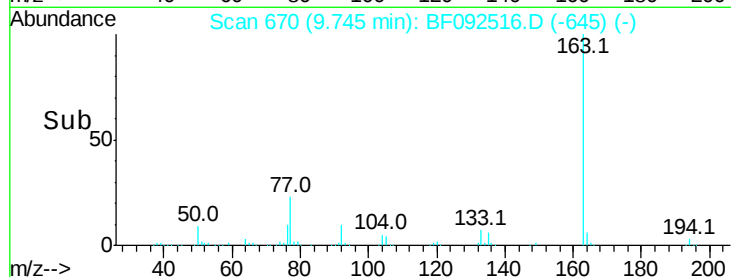
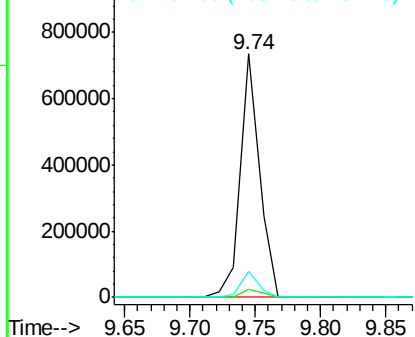
#49
Dimethylphthalate
Concen: 34.48 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 748114
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.6 8.0 12.0

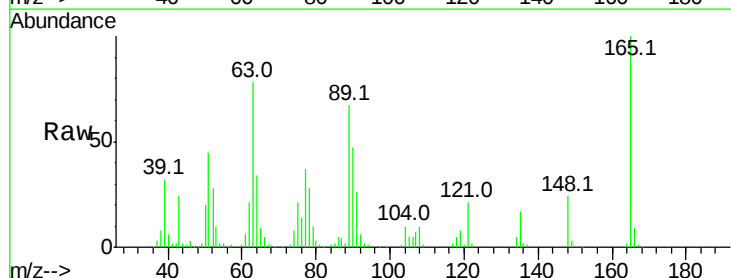


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

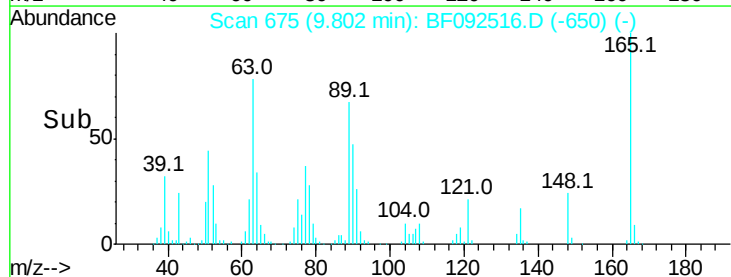
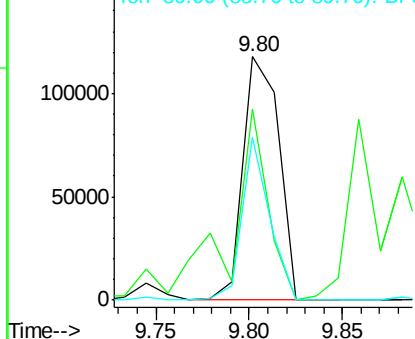


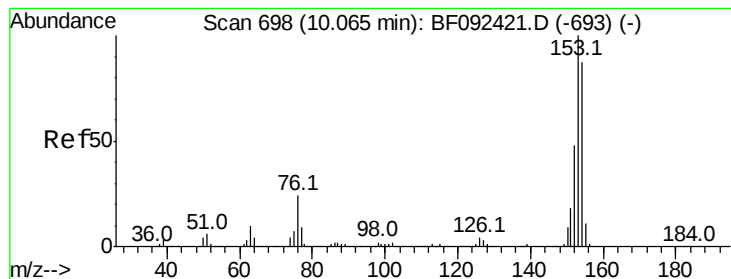
#50
2,6-Dinitrotoluene
Concen: 35.38 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

Tgt Ion:165 Resp: 156932
Ion Ratio Lower Upper
165 100
63 78.4 36.2 54.4#
89 67.0 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: 32.59 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

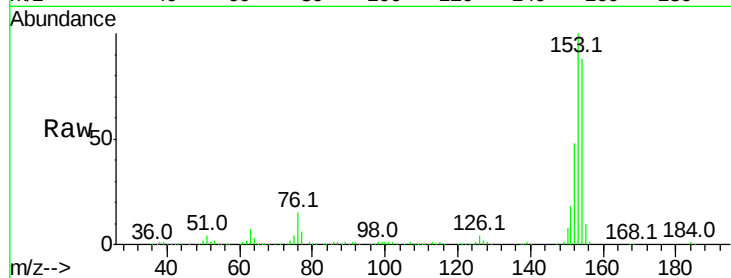
Tot Ion:154 Resp: 598427

Ion Ratio Lower Upper

154 100

153 114.2 88.6 133.0

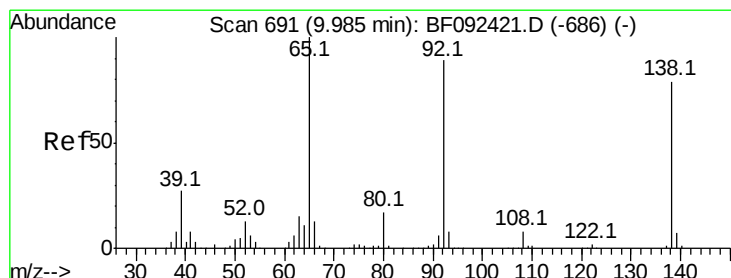
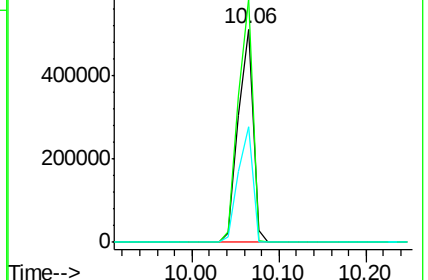
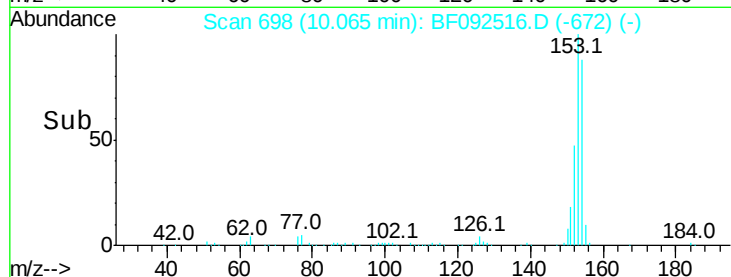
152 54.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.74 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

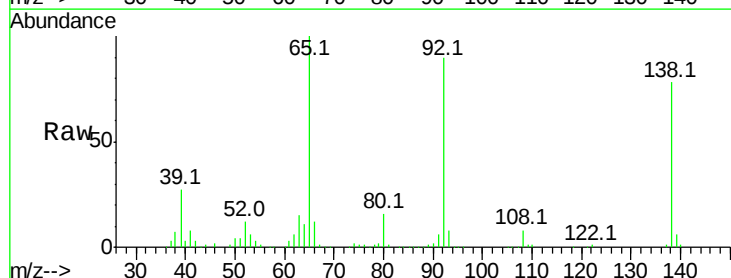
Tgt Ion:138 Resp: 120761

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

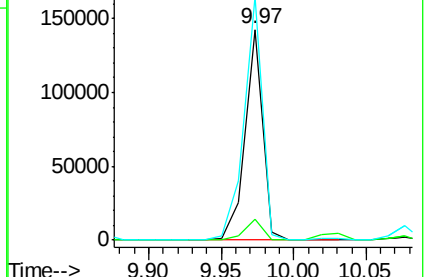
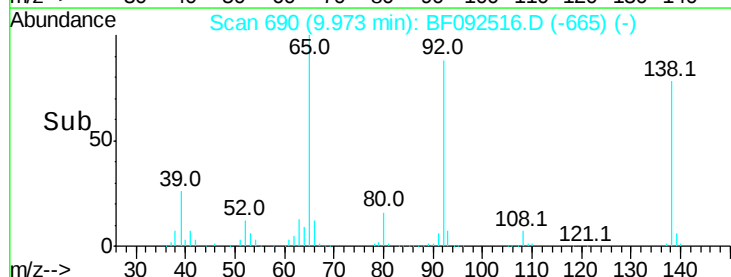
92 115.7 97.8 146.8

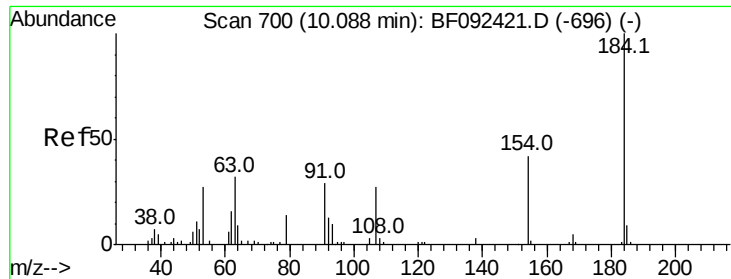


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

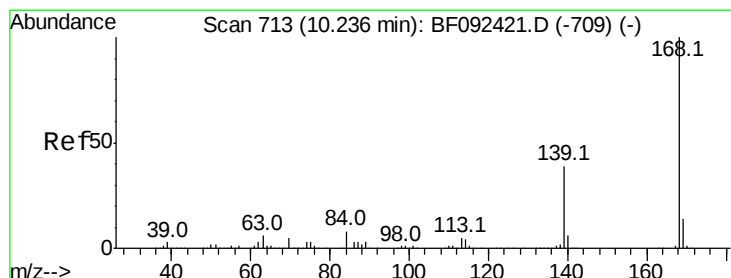
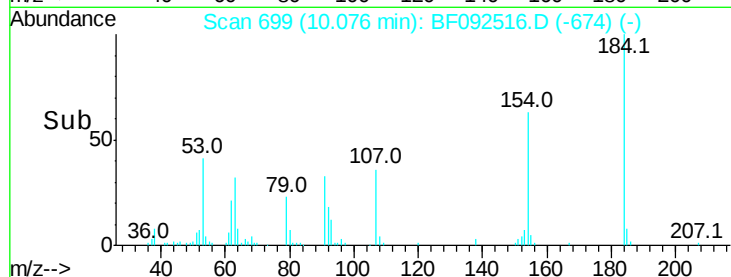
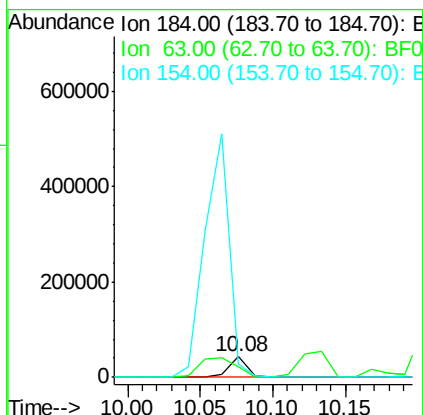
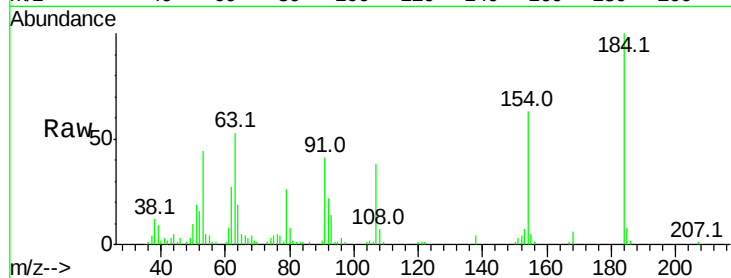




#53
 2,4-Dinitrophenol
 Concen: 23.67 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

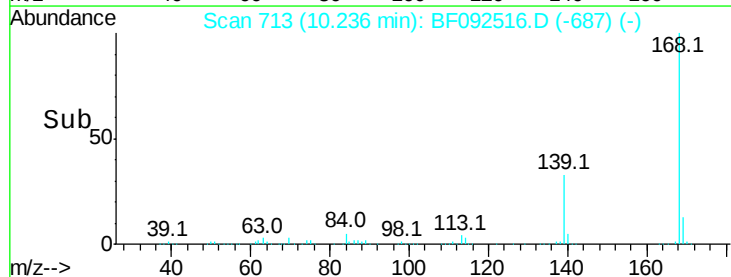
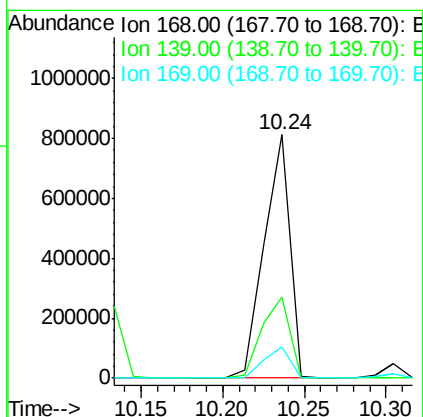
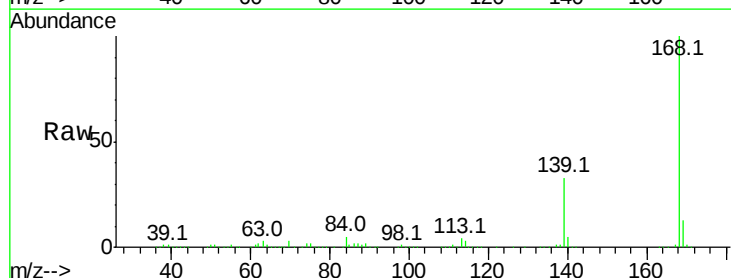
Instrument :
 BNA_F
 ClientSampleId :

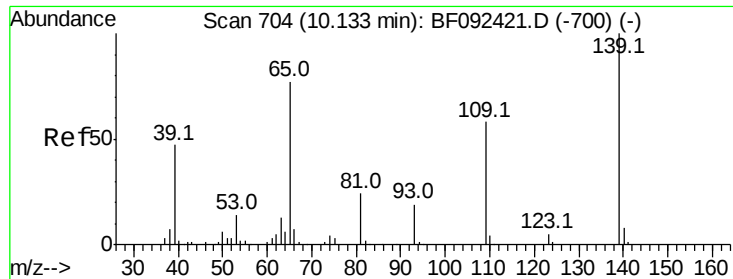
Tot Ion:184 Resp: 36633
 Ion Ratio Lower Upper
 184 100
 63 53.2 28.4 42.6#
 154 62.6 44.3 66.5



#54
 Dibenzofuran
 Concen: 35.69 ng
 RT: 10.24 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Tgt Ion:168 Resp: 889780
 Ion Ratio Lower Upper
 168 100
 139 33.3 32.6 49.0
 169 12.8 11.3 16.9

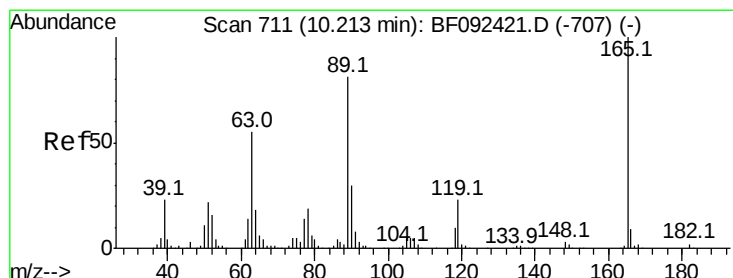
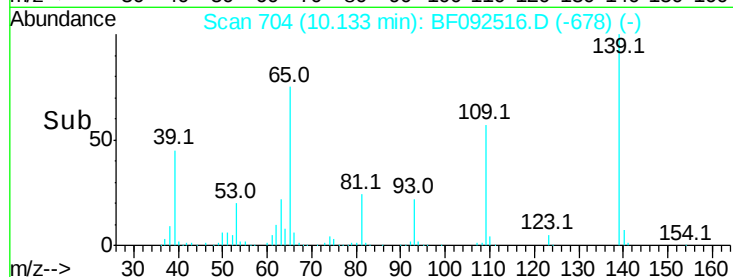
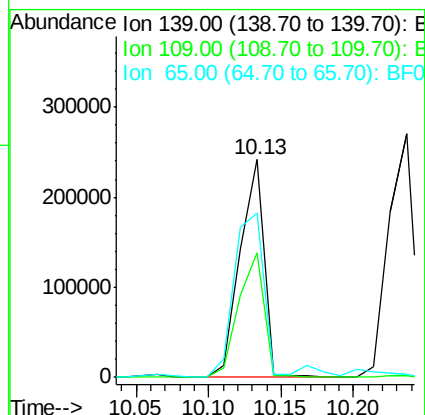
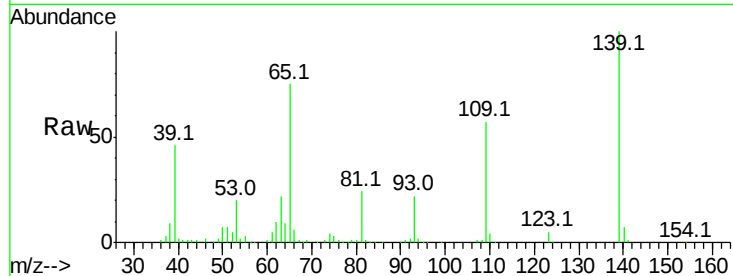




#55
4-Nitrophenol
Concen: 63.12 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

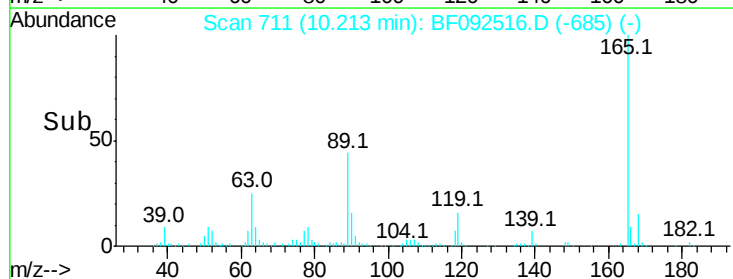
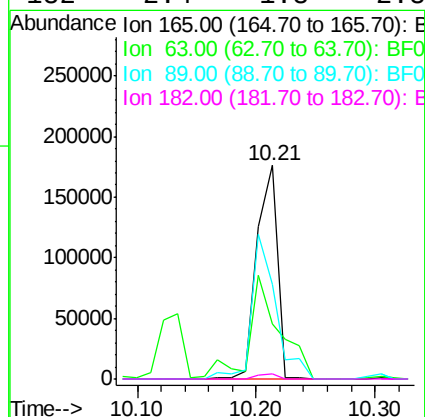
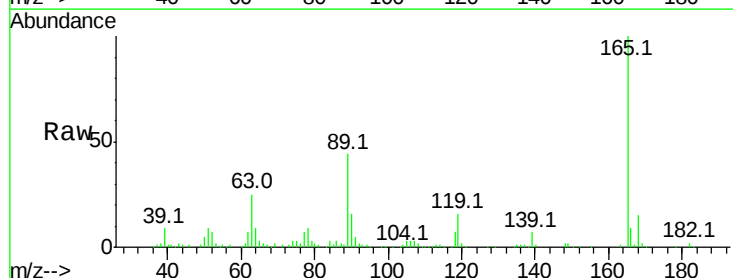
Instrument :
BNA_F
ClientSampled :

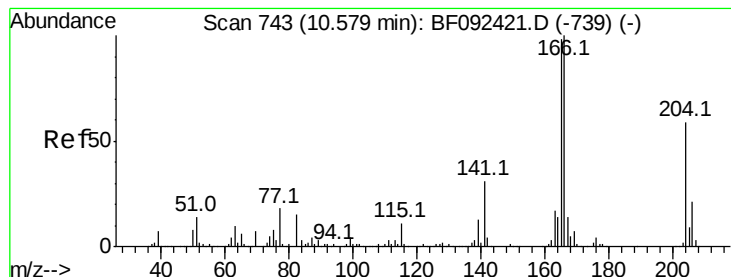
Tot Ion:139 Resp: 278436
Ion Ratio Lower Upper
139 100
109 57.1 52.2 92.2
65 75.2 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 36.45 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

Tgt Ion:165 Resp: 214587
Ion Ratio Lower Upper
165 100
63 25.5 40.2 60.4#
89 44.3 62.5 93.7#
182 2.4 1.8 2.8





#57

Fluorene

Concen: 34.90 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

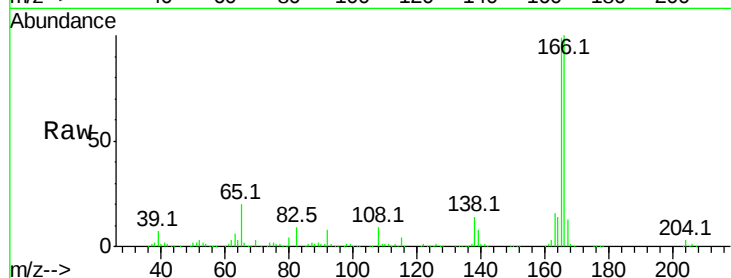
Tot Ion:166 Resp: 645254

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

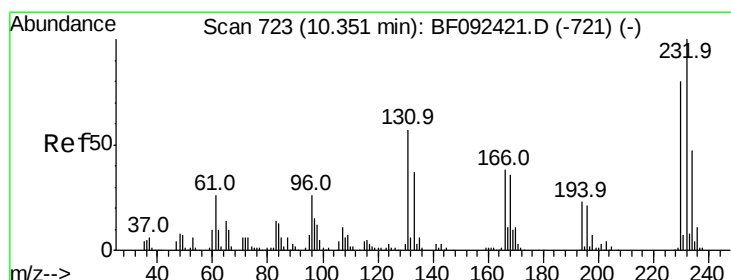
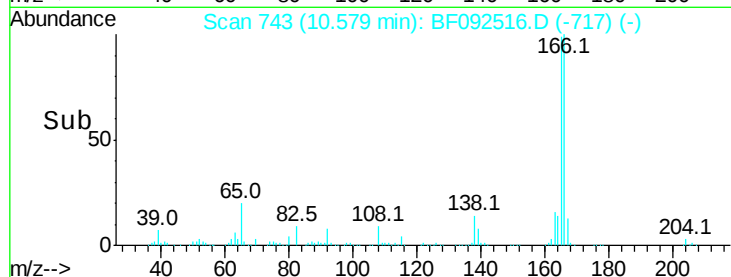
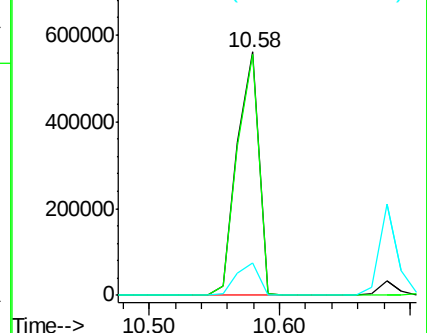
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.12 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Tgt Ion:232 Resp: 167811

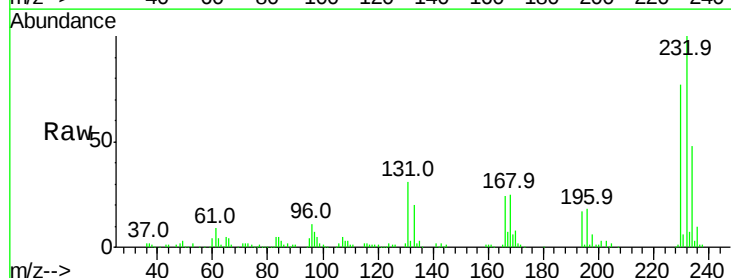
Ion Ratio Lower Upper

232 100

131 45.3 40.1 60.1

130 2.2 1.8 2.8

166 29.7 26.6 39.8

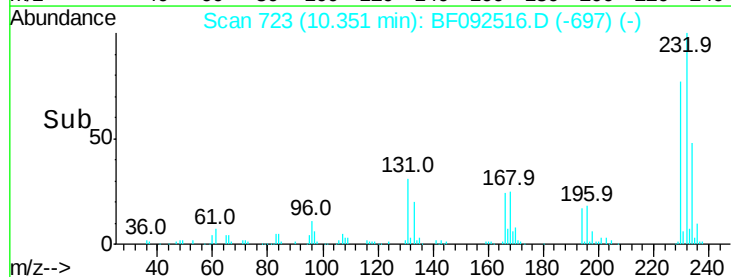
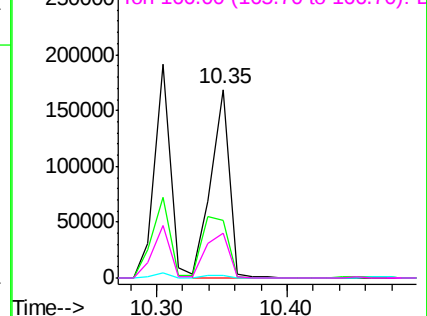


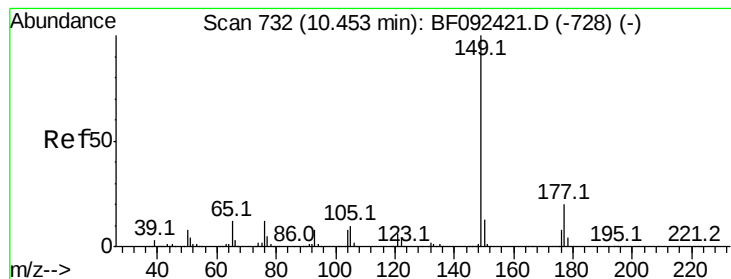
Abundance Ion 232.00 (231.70 to 232.70): E

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: 33.98 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

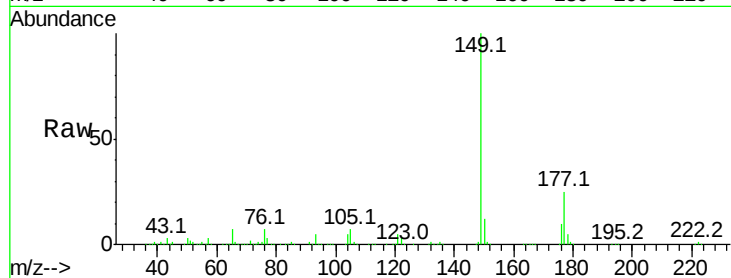
Tot Ion:149 Resp: 706946

Ion Ratio Lower Upper

149 100

177 24.6 16.6 25.0

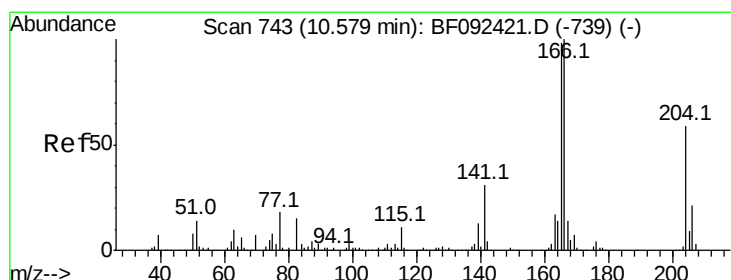
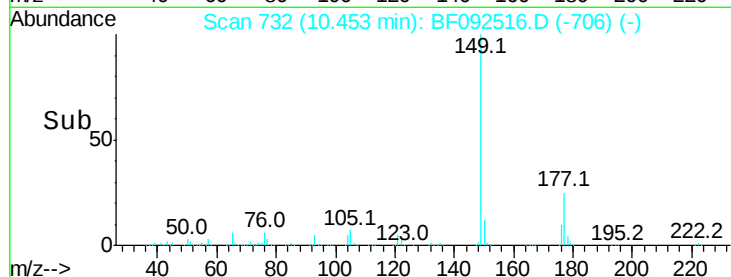
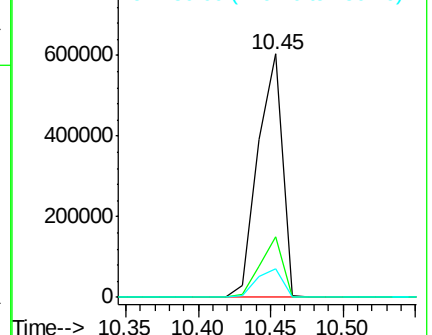
150 11.9 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.05 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

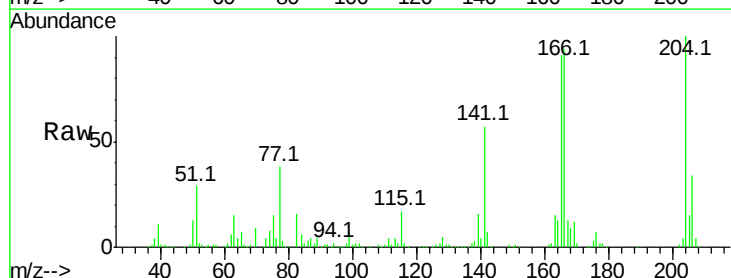
Tgt Ion:204 Resp: 305299

Ion Ratio Lower Upper

204 100

206 34.1 25.8 38.6

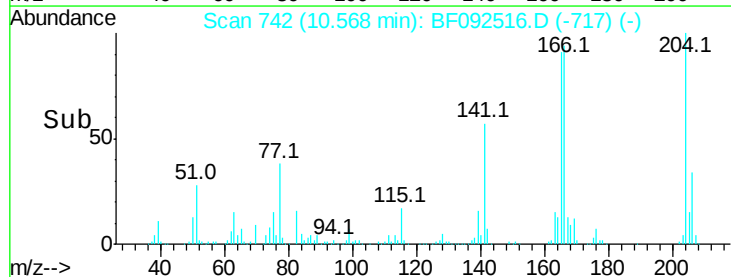
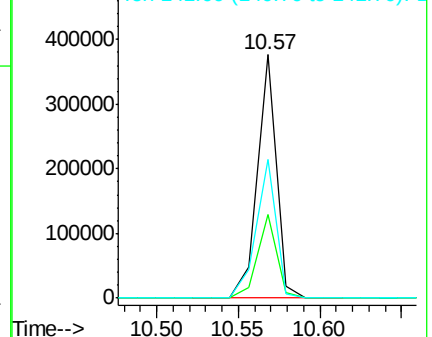
141 57.1 59.4 89.0#

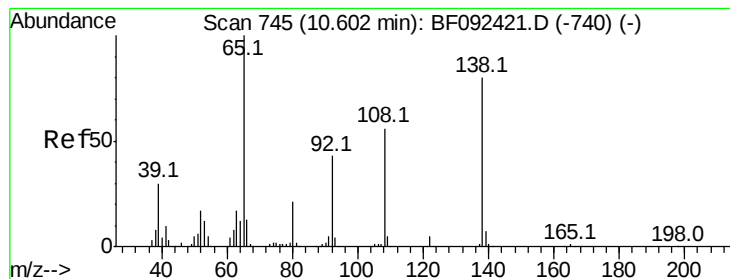


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.10 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampled :

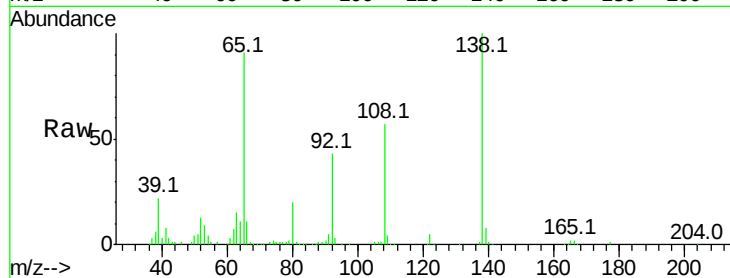
Tot Ion:138 Resp: 172800

Ion Ratio Lower Upper

138 100

92 42.5 31.7 71.7

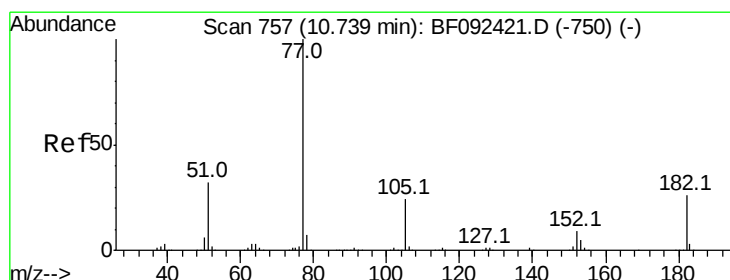
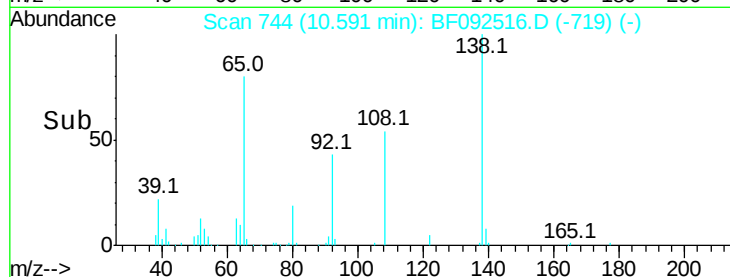
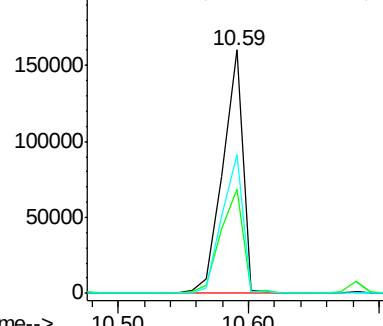
108 57.1 52.6 92.6



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: 34.59 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Tgt Ion: 77 Resp: 819064

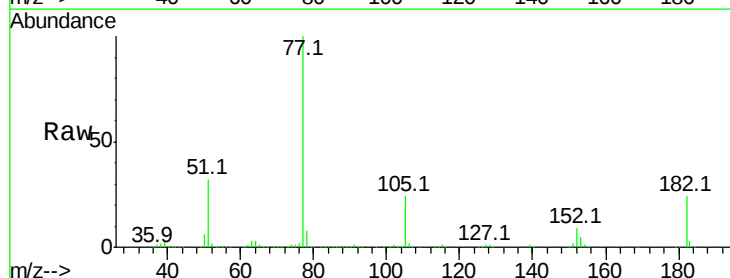
Ion Ratio Lower Upper

77 100

182 24.0 0.0 39.3

105 24.5 2.3 42.3

51 31.5 8.9 48.9

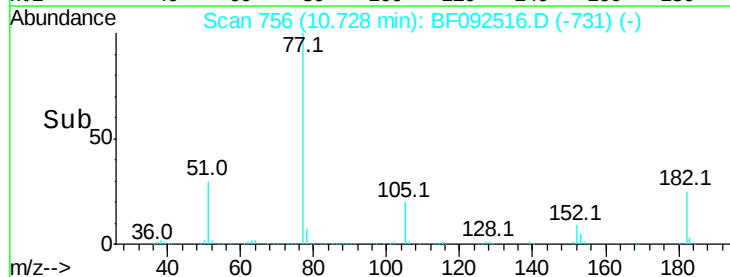
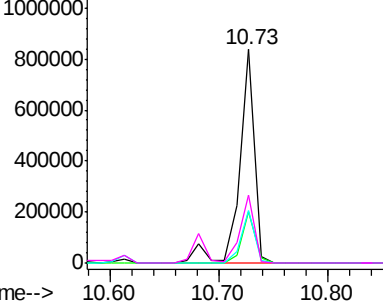


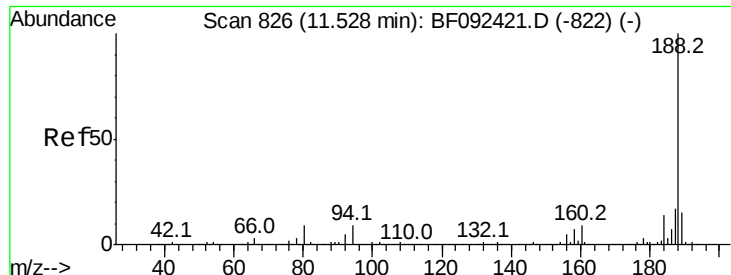
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

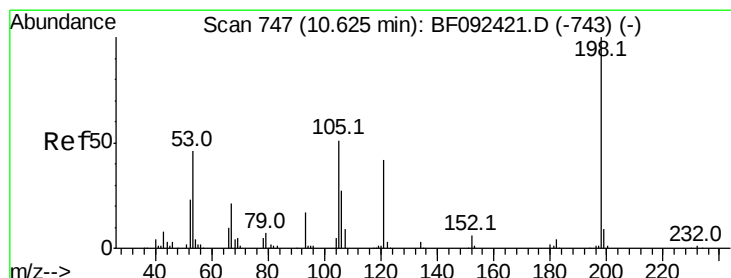
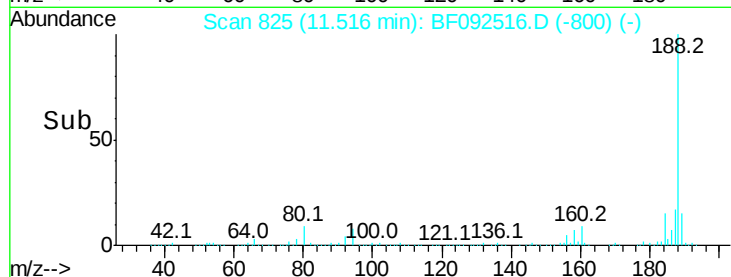
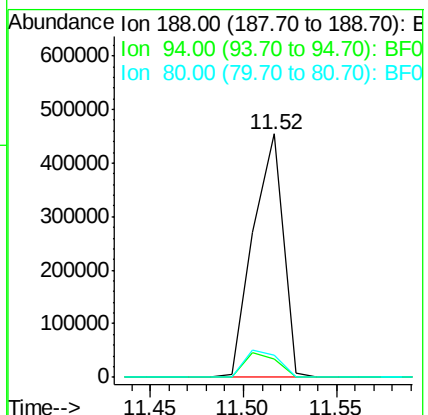
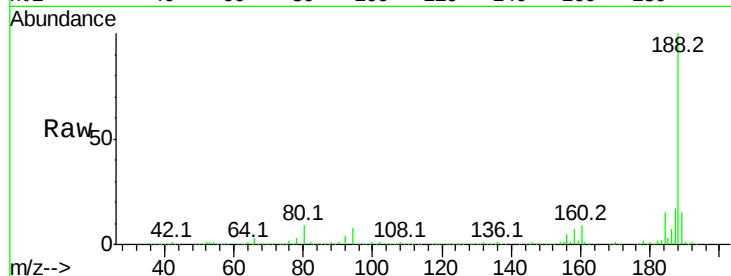




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

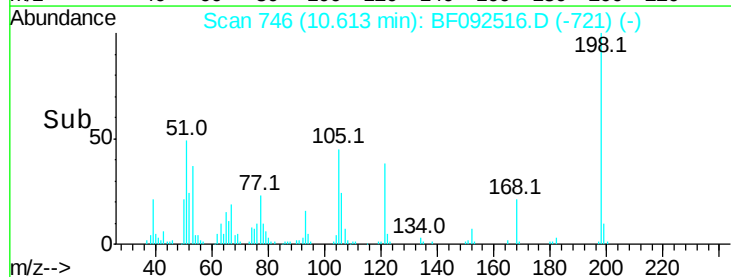
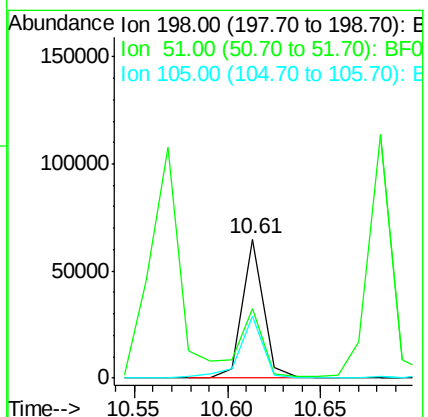
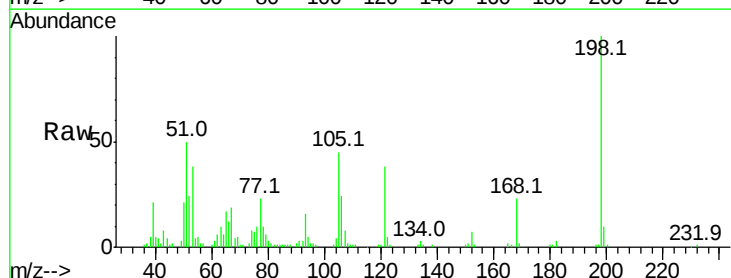
Instrument :
 BNA_F
 ClientSampleId :

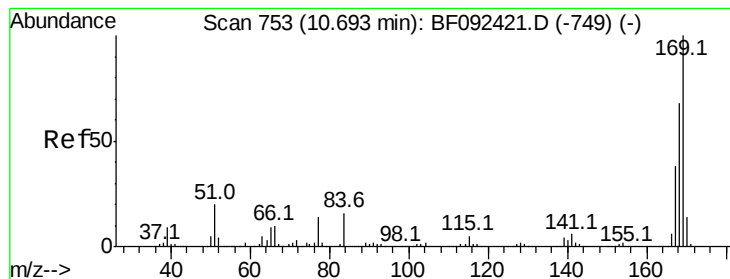
Tot Ion:188 Resp: 508762
 Ion Ratio Lower Upper
 188 100
 94 7.7 10.0 15.0#
 80 8.9 11.2 16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 21.77 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Tgt Ion:198 Resp: 51418
 Ion Ratio Lower Upper
 198 100
 51 49.8 6.7 46.7#
 105 44.8 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 33.70 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

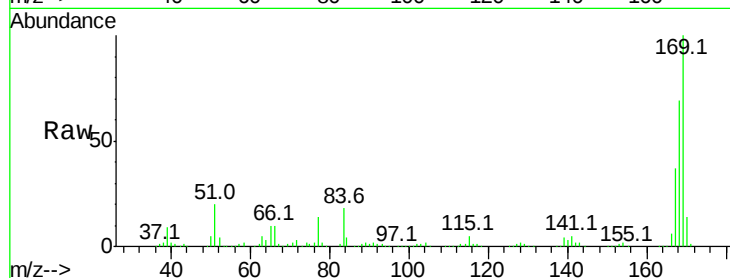
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 535386

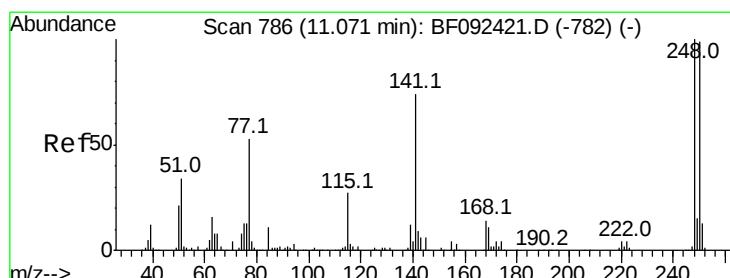
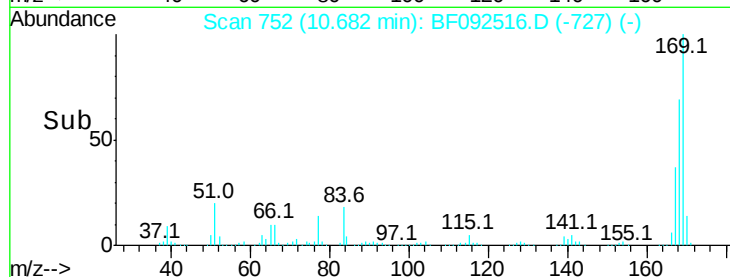
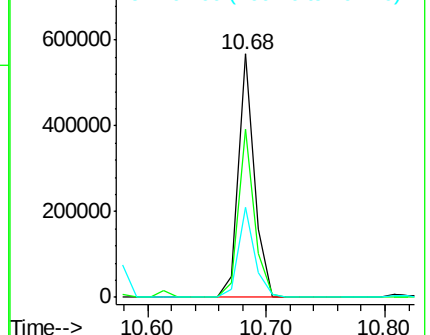
Ion	Ratio	Lower	Upper
169	100		
168	69.1	54.2	81.2
167	37.1	30.2	45.4



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: 35.91 ng

RT: 11.06 min Scan# 785

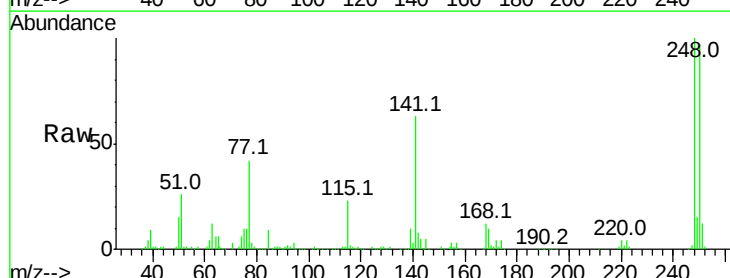
Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Tgt Ion:248 Resp: 184457

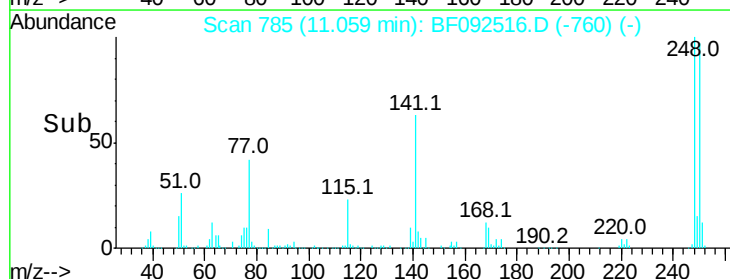
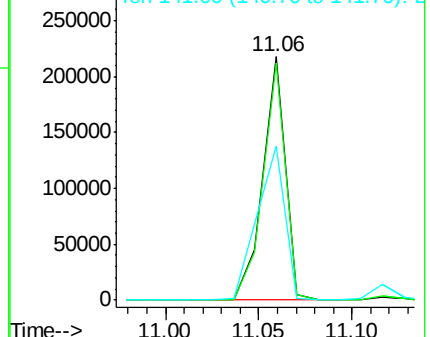
Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	63.5	68.2	102.4

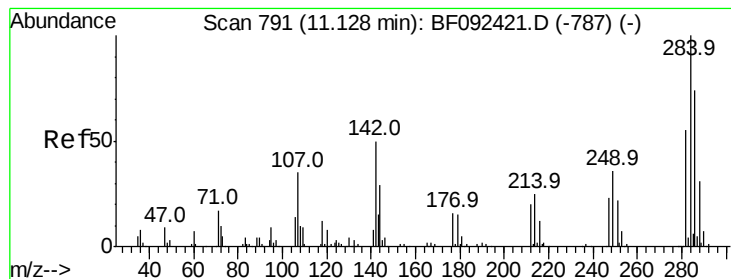


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 31.61 ng

RT: 11.12 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampled :

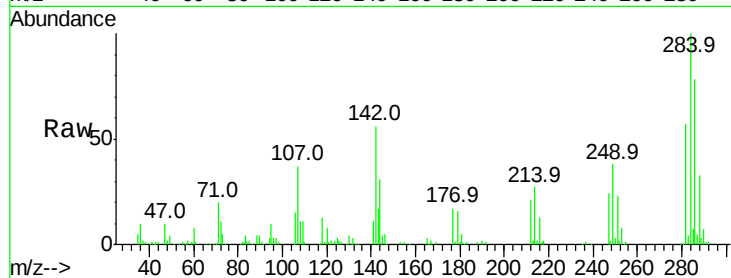
Tot Ion:284 Resp: 164131

Ion Ratio Lower Upper

284 100

142 56.4 22.6 33.8#

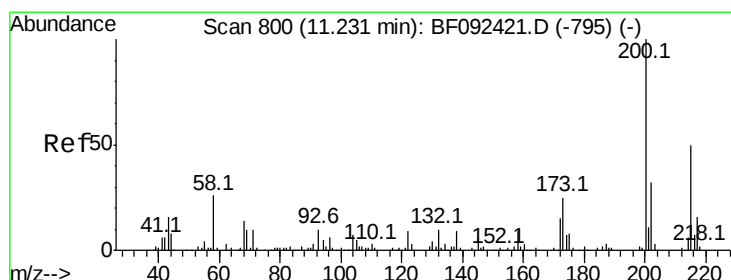
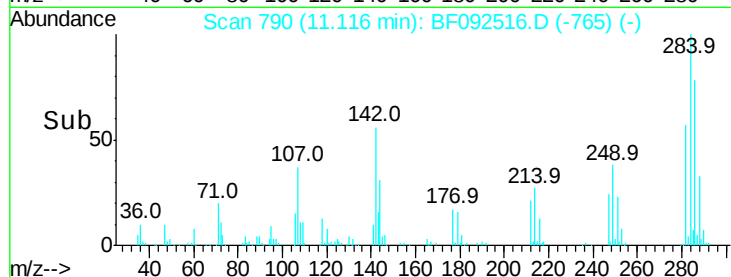
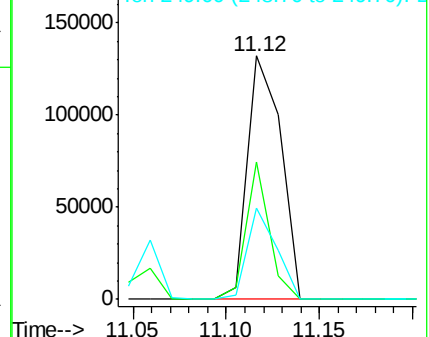
249 37.6 25.4 38.0



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: 32.51 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

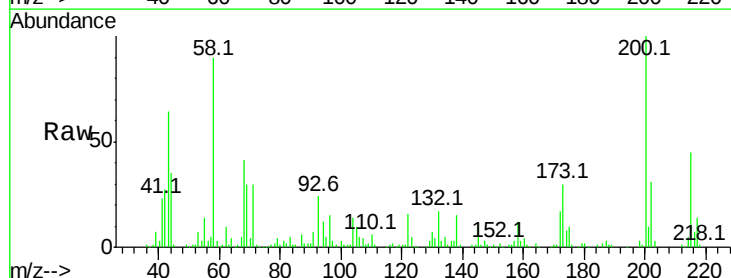
Tgt Ion:200 Resp: 176788

Ion Ratio Lower Upper

200 100

173 30.3 9.6 49.6

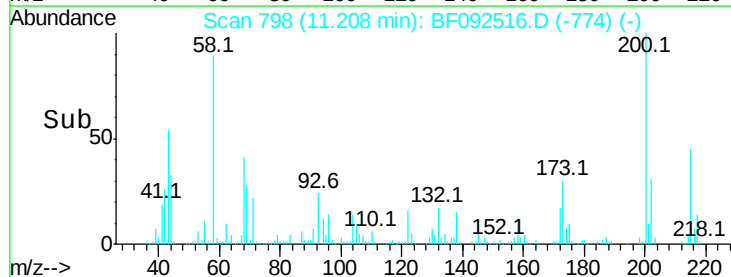
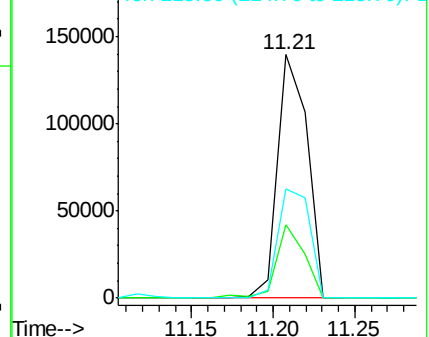
215 44.8 25.7 65.7

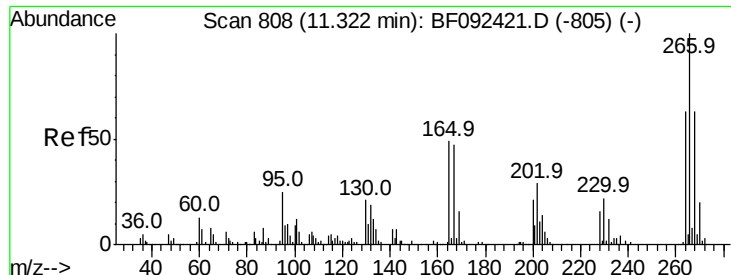


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

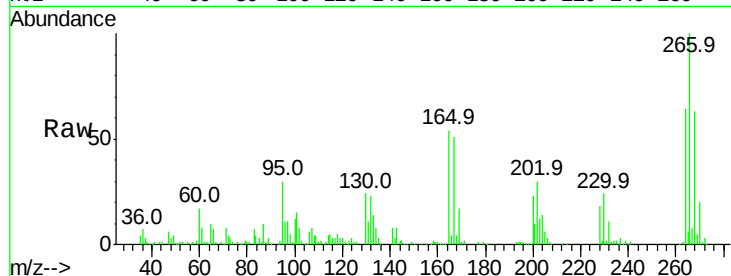




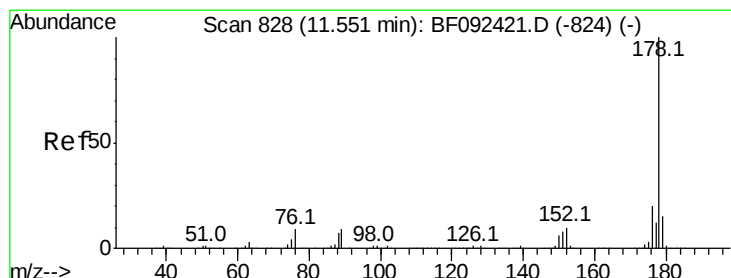
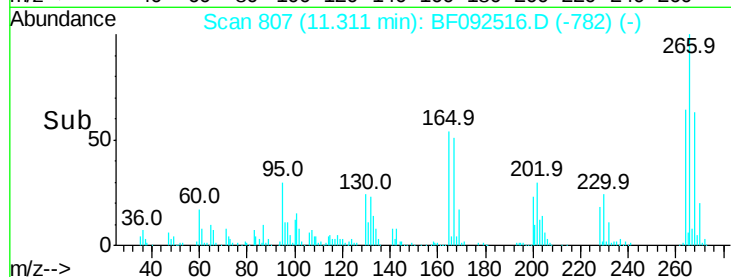
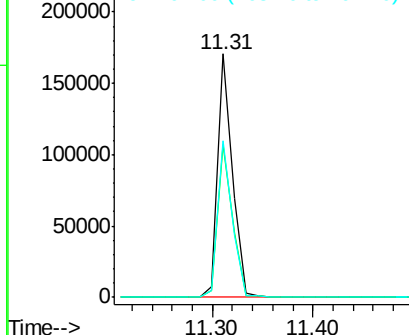
#69
 Pentachlorophenol
 Concen: 52.49 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 174242
 Ion Ratio Lower Upper
 266 100
 268 62.6 53.3 79.9
 264 64.4 50.3 75.5

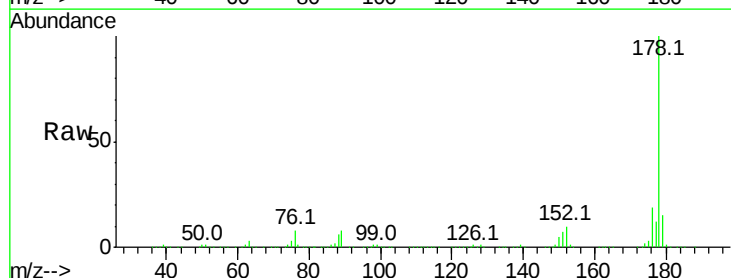


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

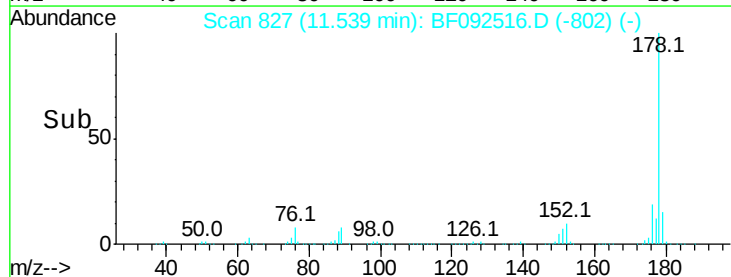
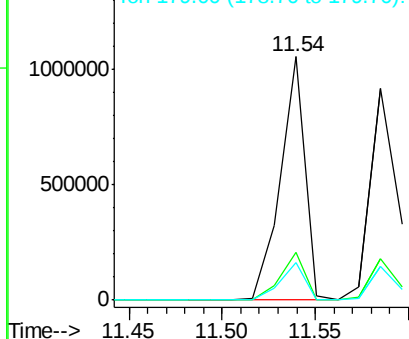


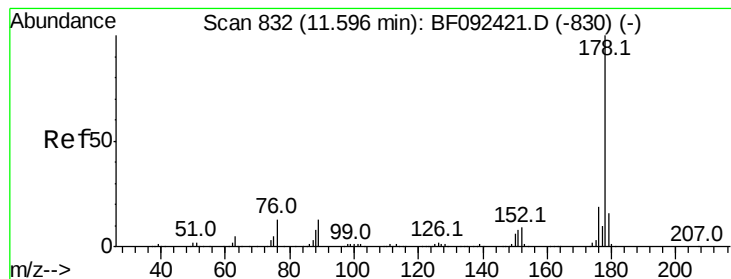
#70
 Phenanthrene
 Concen: 34.59 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Tgt Ion:178 Resp: 969067
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.6 25.0
 179 15.3 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

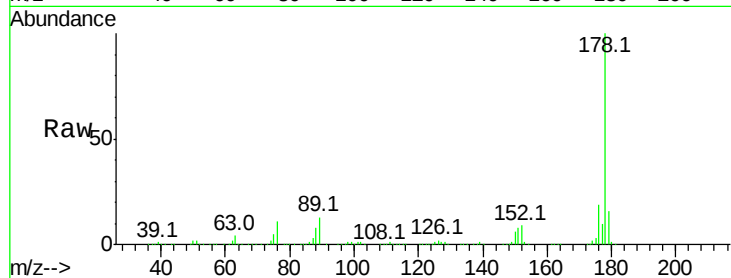




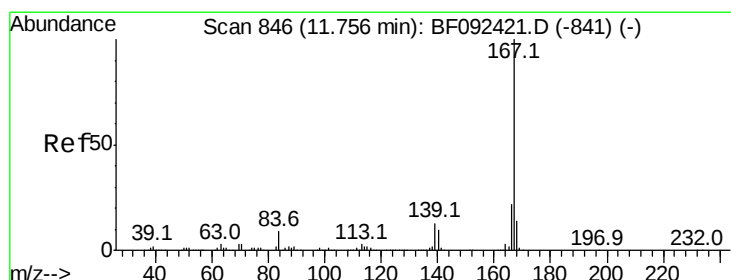
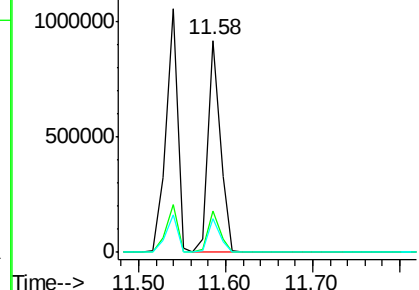
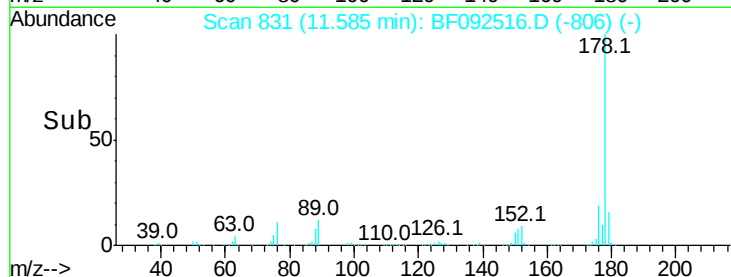
#71
 Anthracene
 Concen: 33.04 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 904758
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.7 13.2 19.8

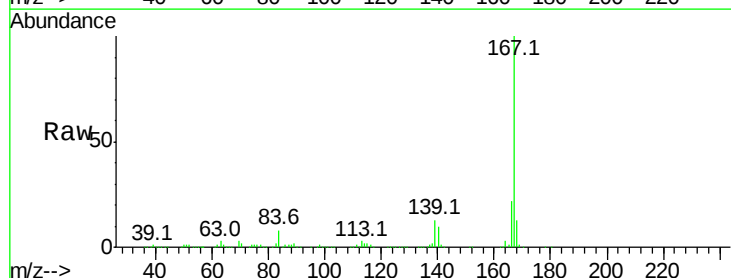


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

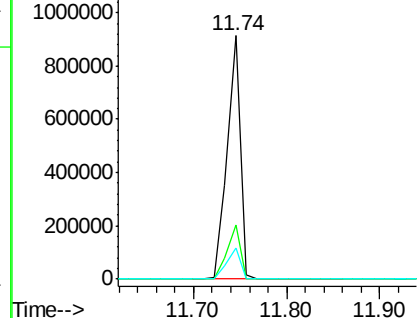
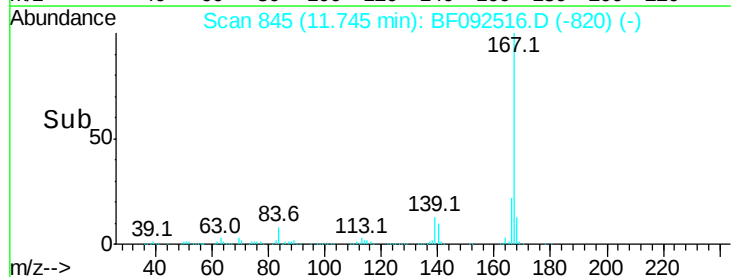


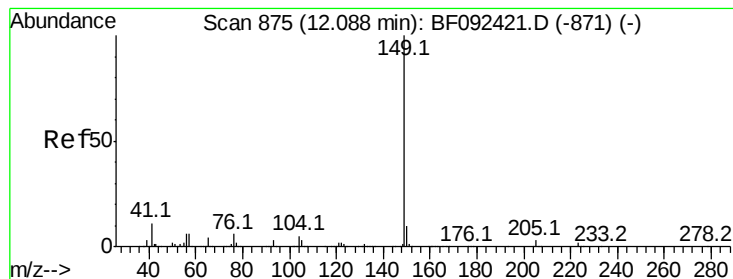
#72
 Carbazole
 Concen: 34.10 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Tgt Ion:167 Resp: 891597
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 12.6 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: 35.91 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

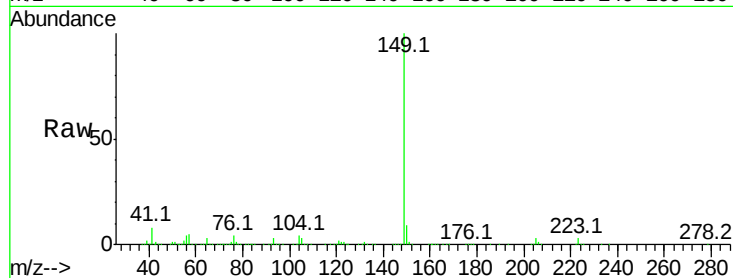
Tot Ion:149 Resp: 1073567

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

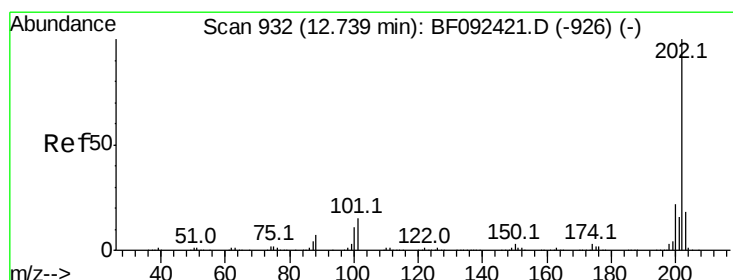
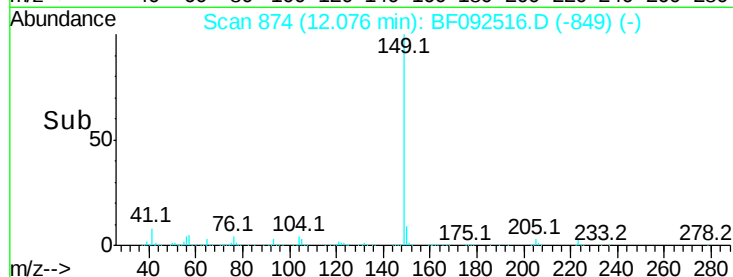
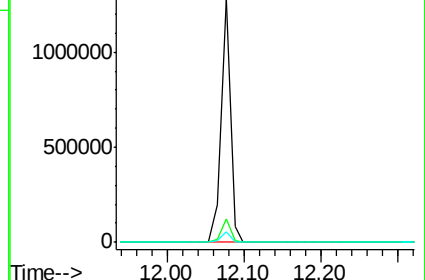
104 4.4 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.26 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

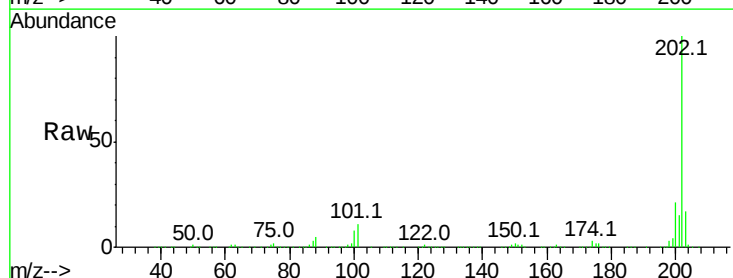
Tgt Ion:202 Resp: 856732

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.6

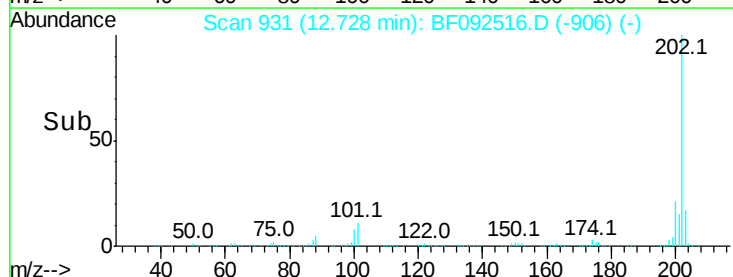
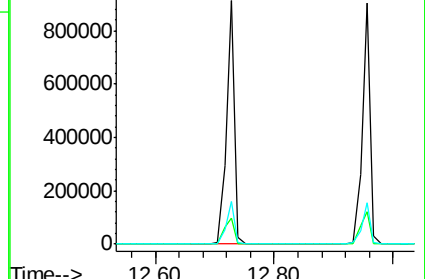
203 17.5 0.0 38.7

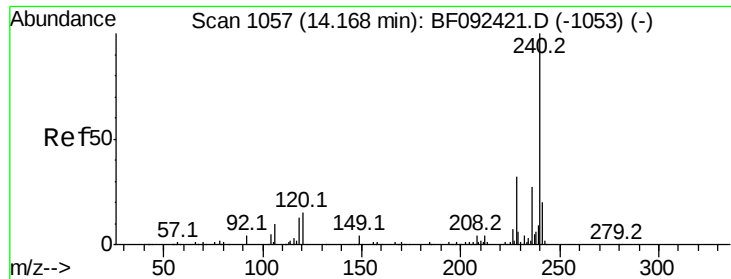


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

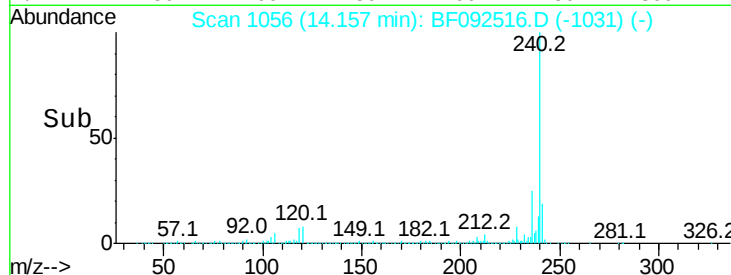
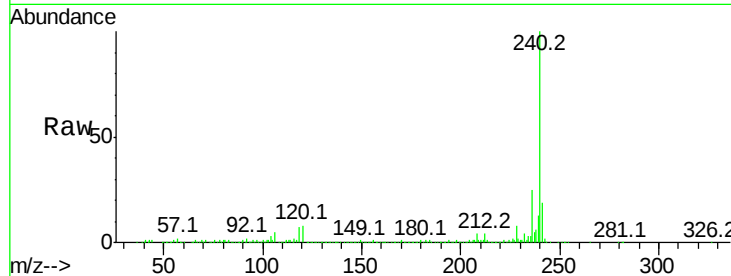
Tot Ion:240 Resp: 330503

Ion Ratio Lower Upper

240 100

120 8.3 12.9 19.3#

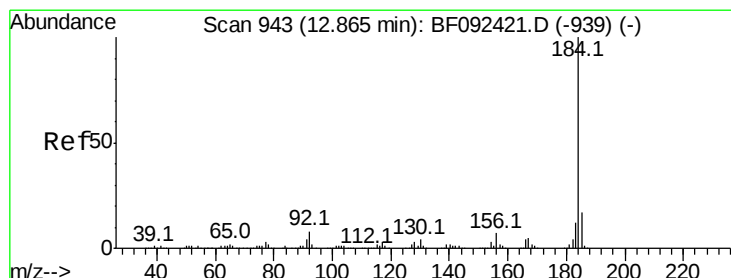
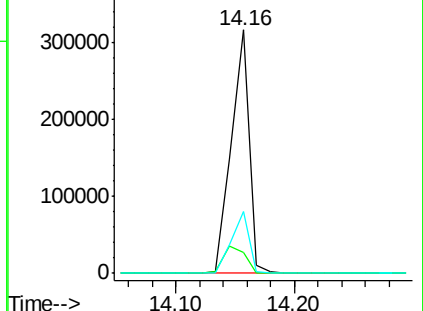
236 25.4 20.9 31.3



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: 23.14 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

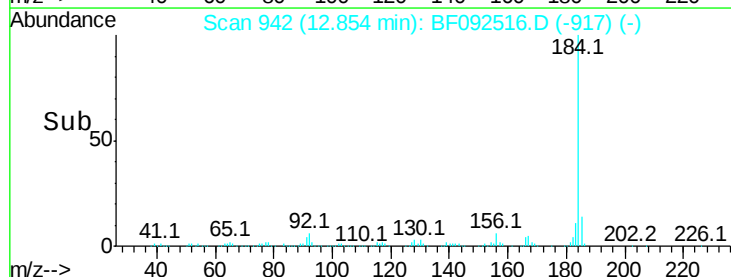
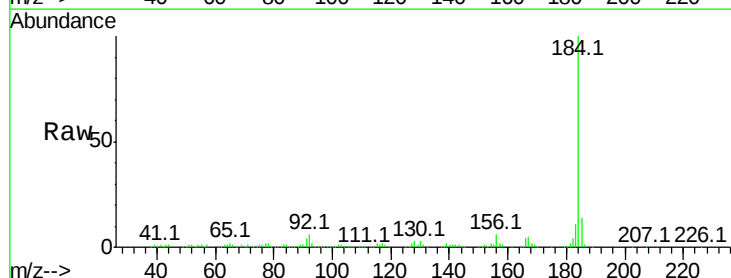
Tgt Ion:184 Resp: 283922

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

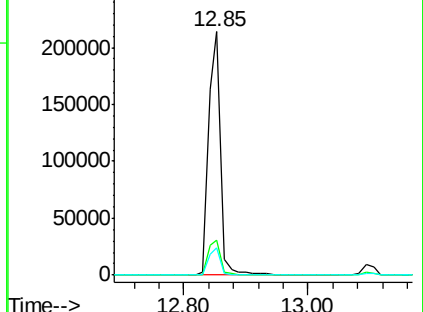
183 11.3 9.2 13.8

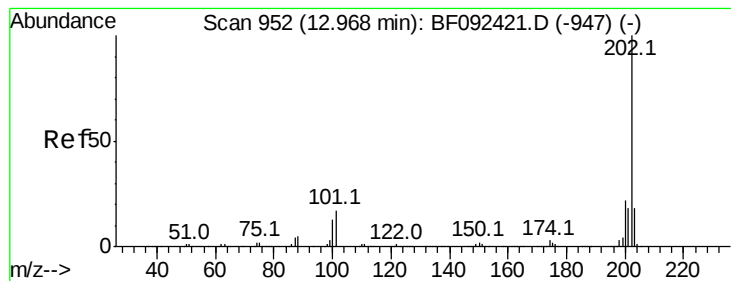


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.70 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

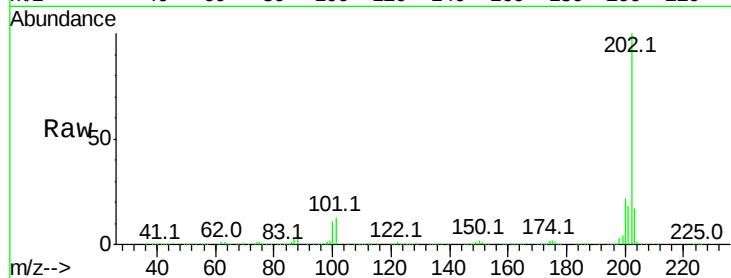
Tot Ion:202 Resp: 830920

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

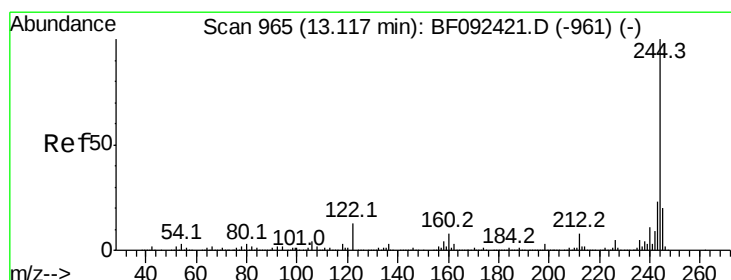
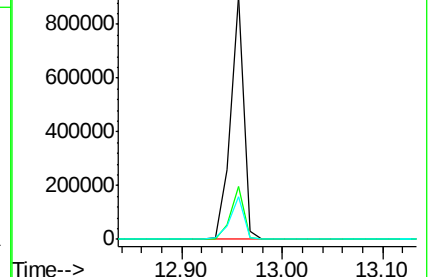
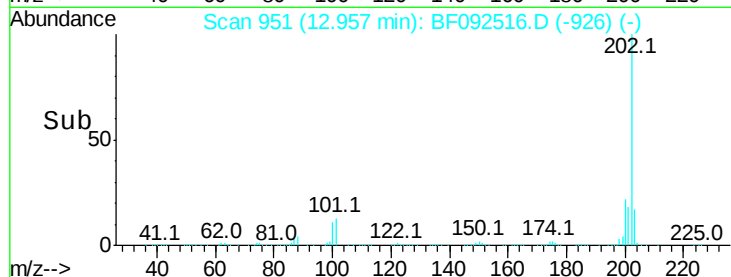
203 17.3 14.7 22.1



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: 75.14 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

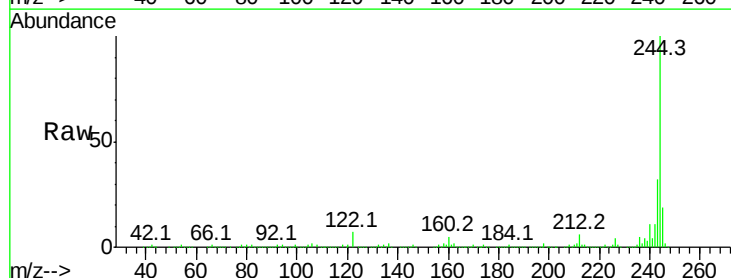
Tgt Ion:244 Resp: 932587

Ion Ratio Lower Upper

244 100

212 6.5 6.2 9.2

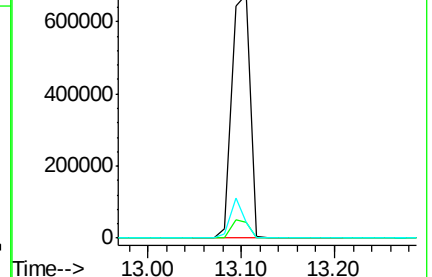
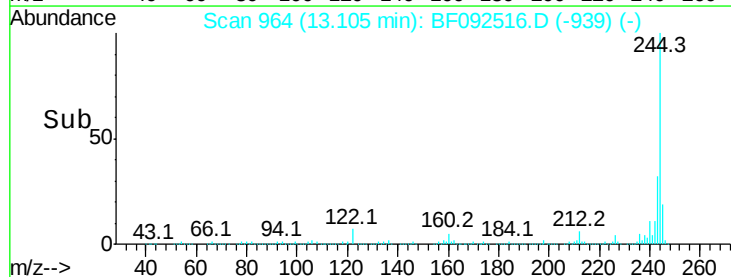
122 6.7 11.4 17.2#

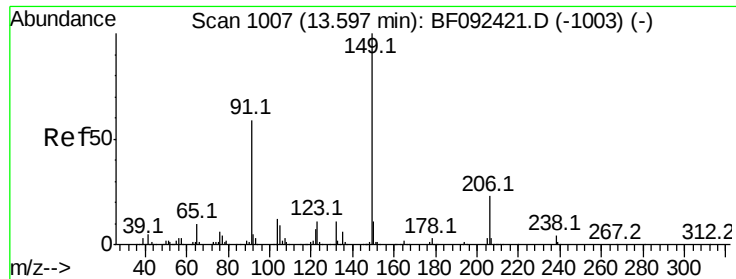


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

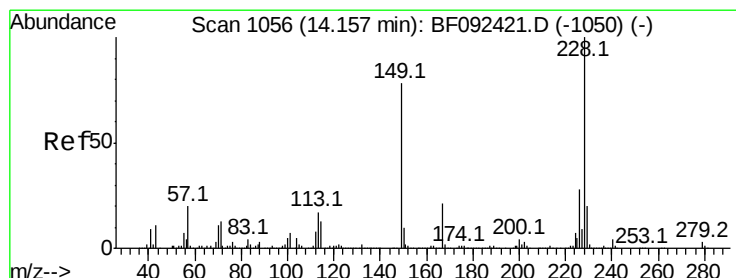
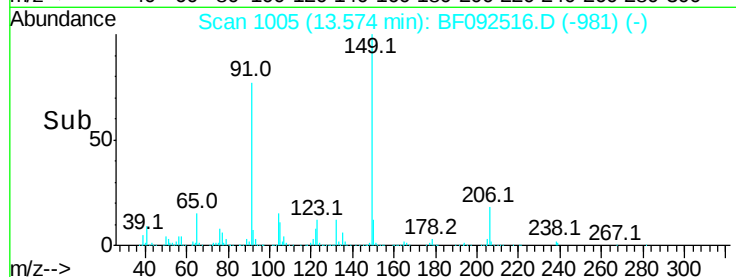
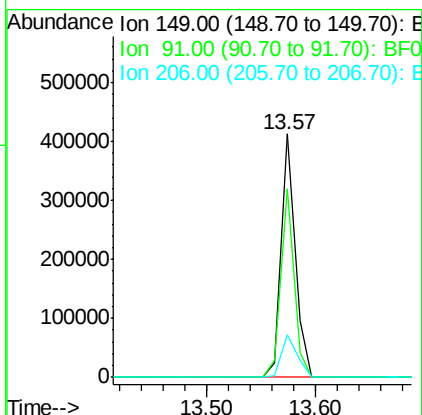
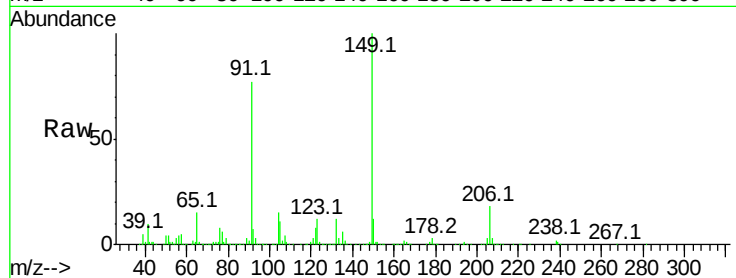




#79
Butylbenzylphthalate
Concen: 37.99 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

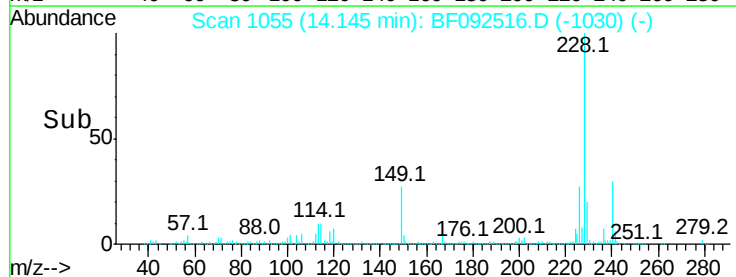
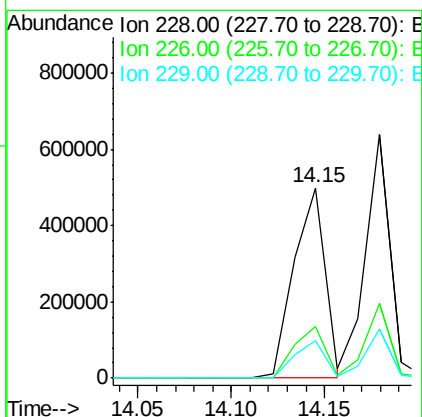
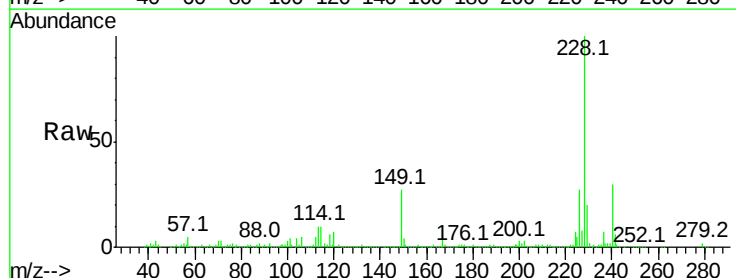
Instrument :
BNA_F
Client Sampled :

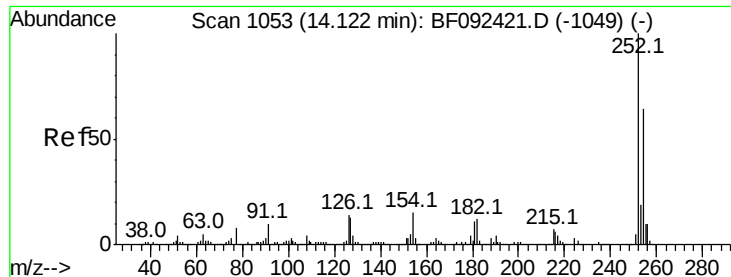
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.2	63.9	95.9
206	17.7	14.6	21.8



#80
Benzo(a)anthracene
Concen: 32.87 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092516.D
Acq: 26 Jan 2017 10:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.4	33.6
229	19.6	16.2	24.4





#81

3,3'-Dichlorobenzidine

Concen: 27.16 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

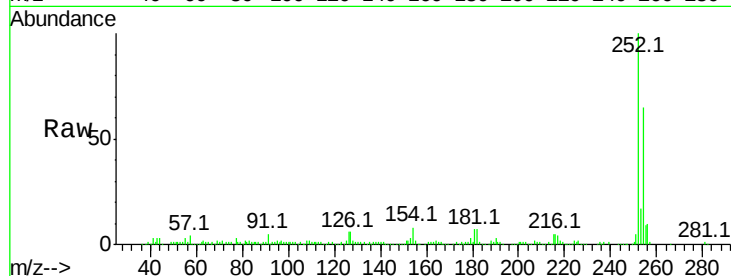
Tot Ion:252 Resp: 183162

Ion Ratio Lower Upper

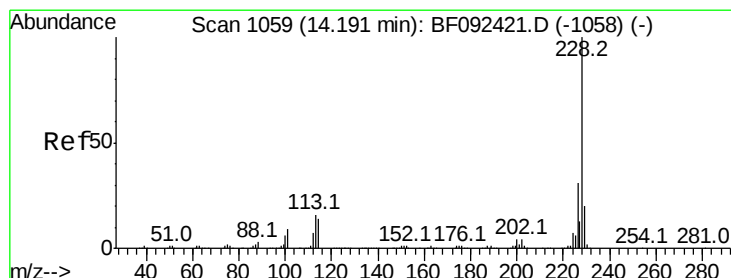
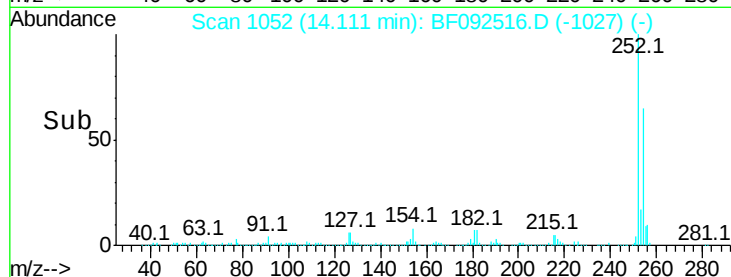
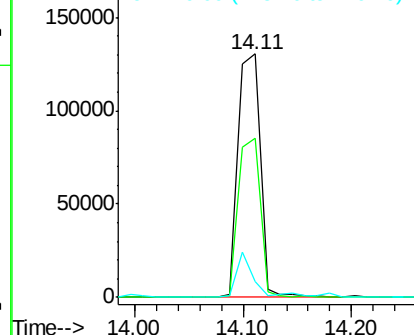
252 100

254 65.1 52.3 78.5

126 6.5 13.6 20.4#



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



#82

Chrysene

Concen: 30.75 ng

RT: 14.18 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

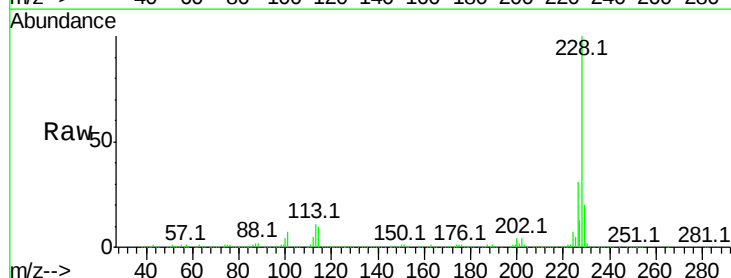
Tgt Ion:228 Resp: 583240

Ion Ratio Lower Upper

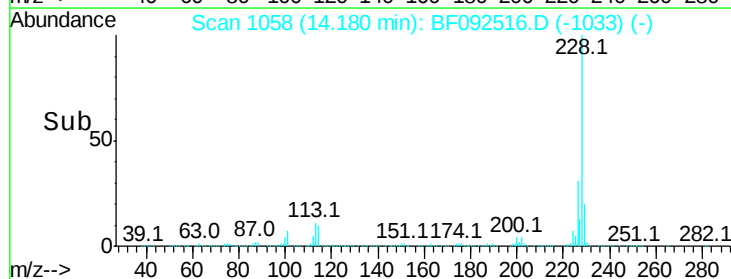
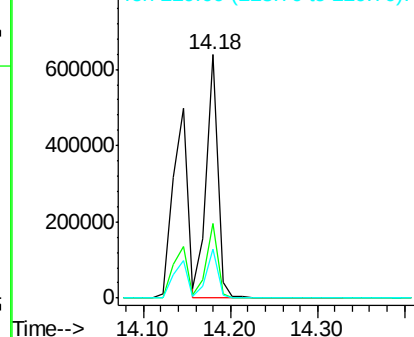
228 100

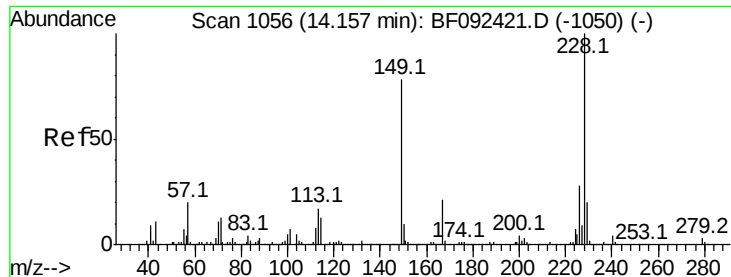
226 30.9 25.4 38.0

229 20.1 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

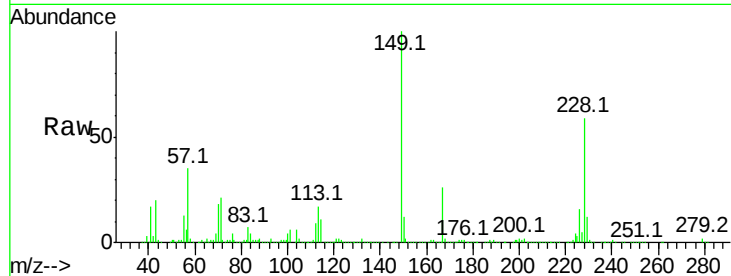




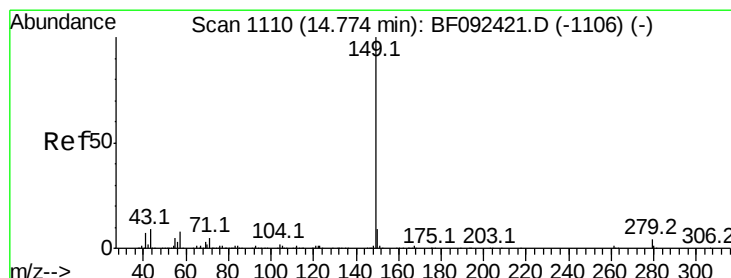
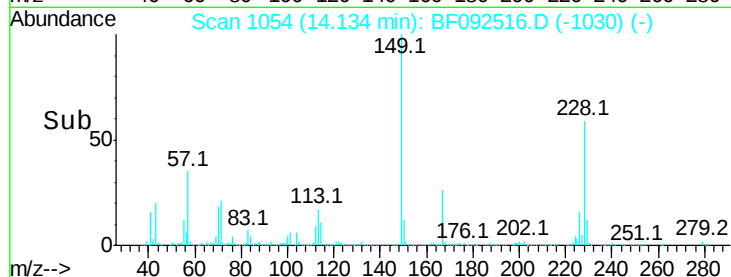
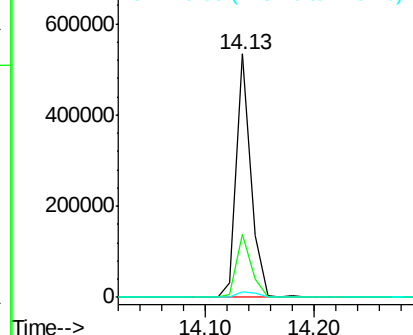
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.72 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 485331
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.2 30.4
 279 2.2 1.8 2.8

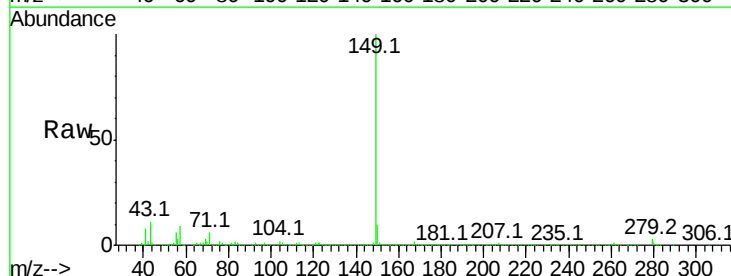


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

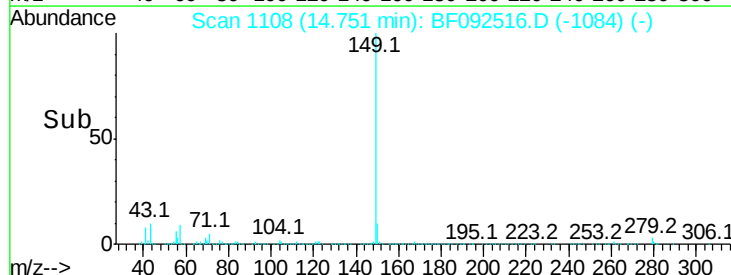
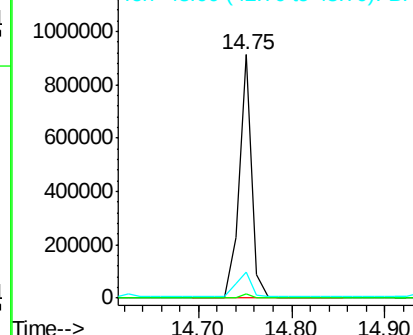


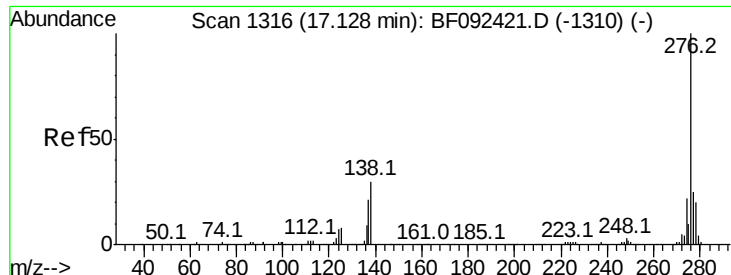
#84
 Di-n-octyl phthalate
 Concen: 38.30 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Tgt Ion:149 Resp: 849623
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.0 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

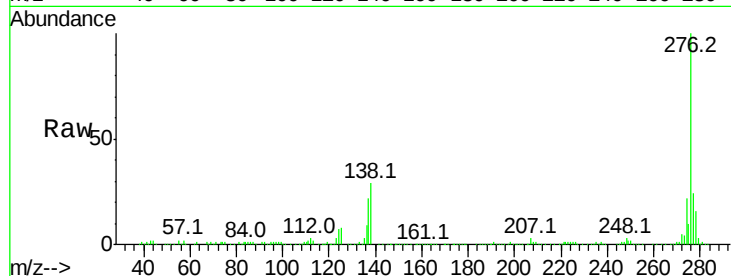




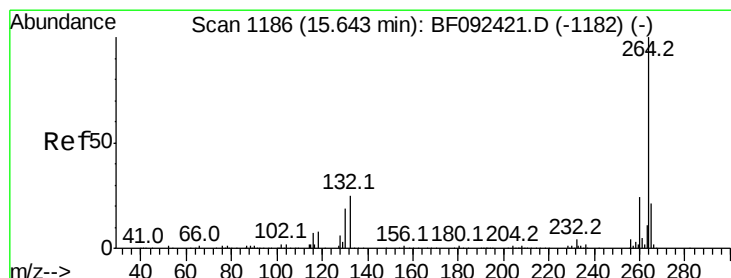
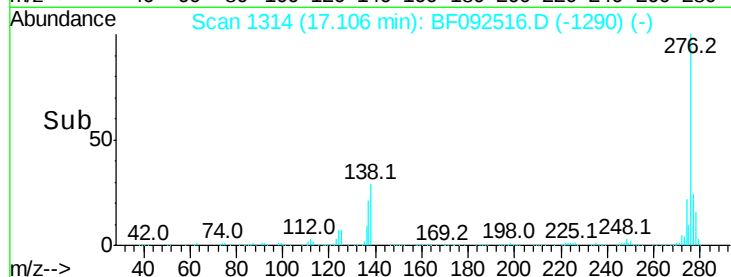
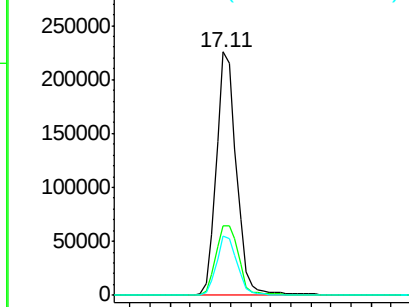
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.89 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 629954
 Ion Ratio Lower Upper
 276 100
 138 33.3 21.8 32.6#
 277 25.4 20.2 30.4

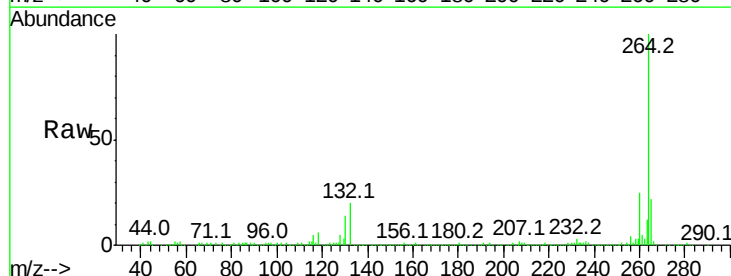


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

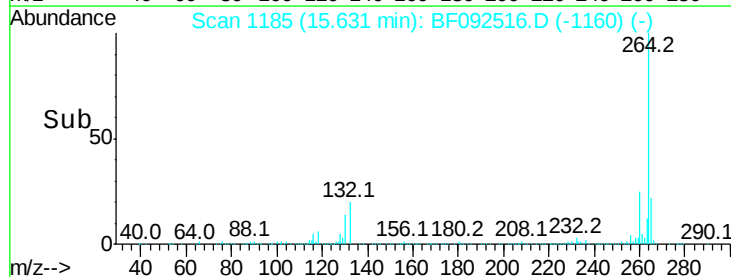
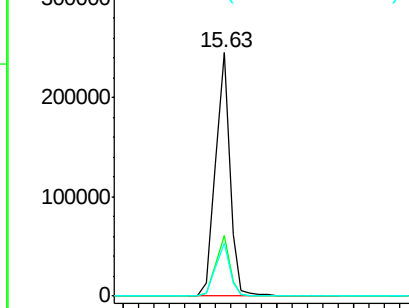


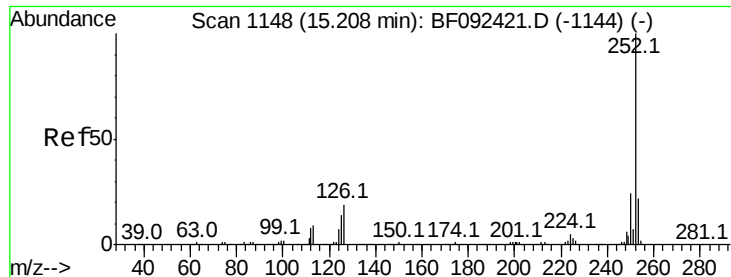
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092516.D
 Acq: 26 Jan 2017 10:53

Tgt Ion:264 Resp: 322683
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 28.40 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

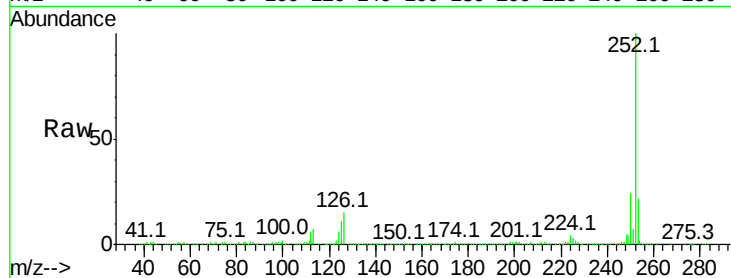
Tot Ion:252 Resp: 588266

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

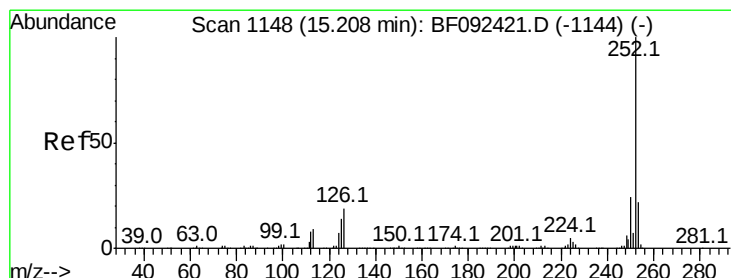
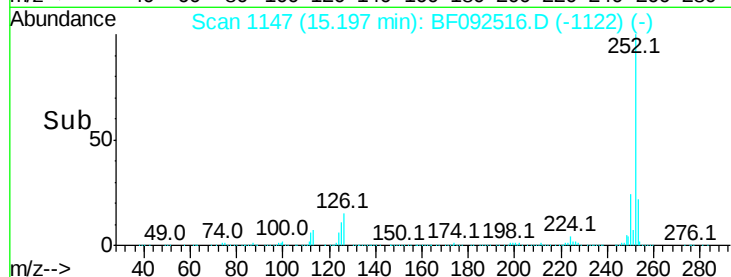
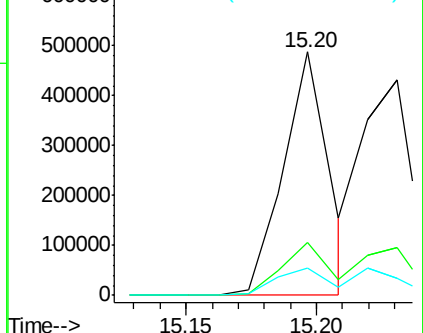
125 11.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.15 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.05 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

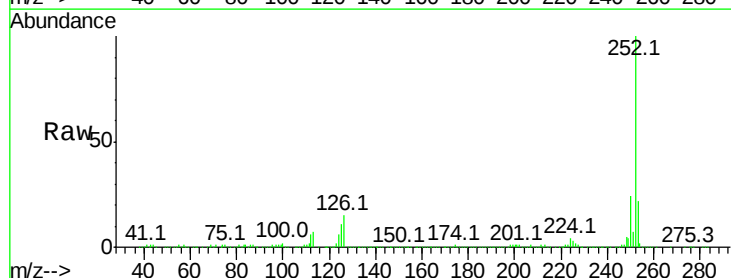
Tgt Ion:252 Resp: 588266

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

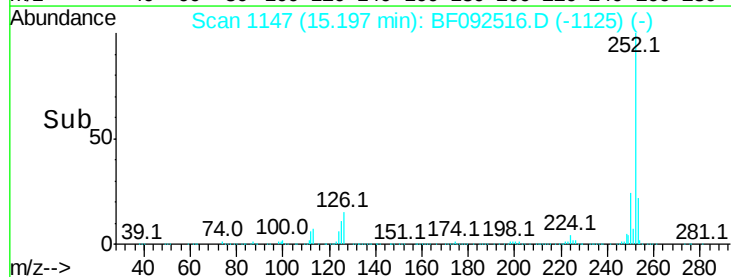
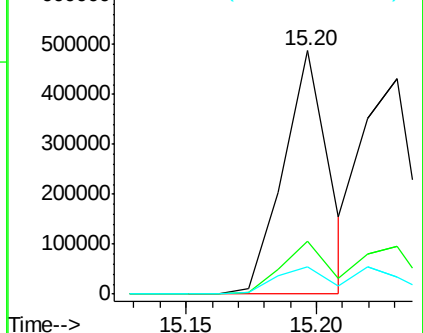
125 11.4 8.9 13.3

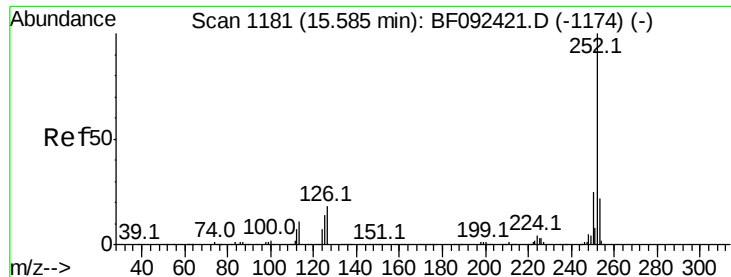


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 32.58 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampled :

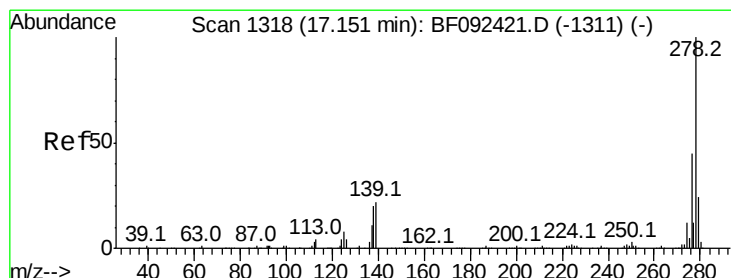
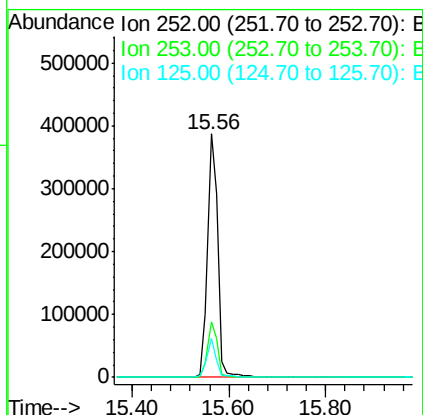
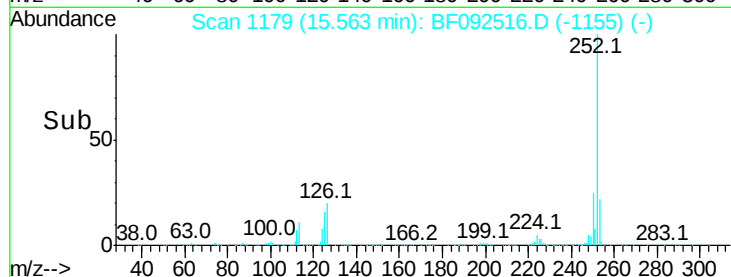
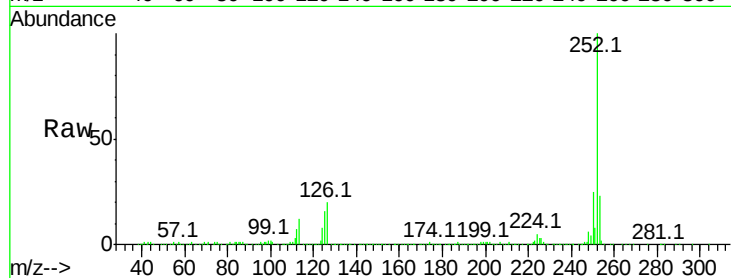
Tot Ion:252 Resp: 570968

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

125 15.9 10.0 15.0#



#90

Dibenzo(a,h)anthracene

Concen: 37.79 ng

RT: 17.13 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

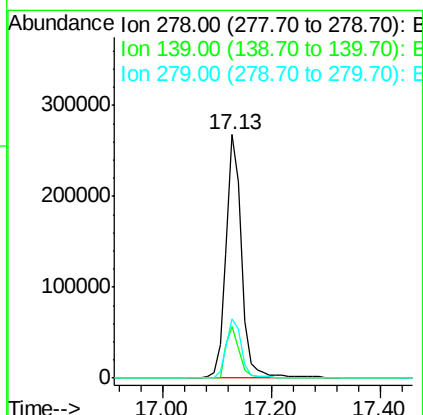
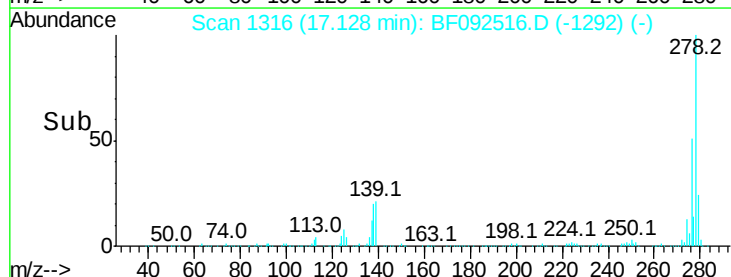
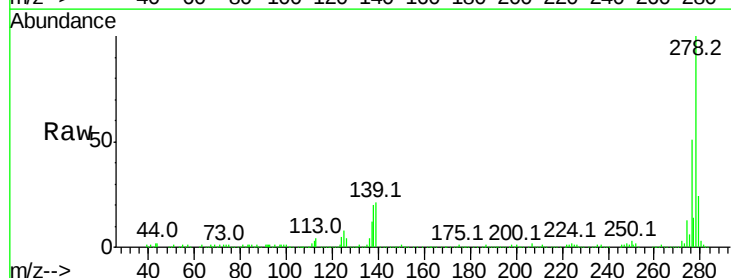
Tgt Ion:278 Resp: 535482

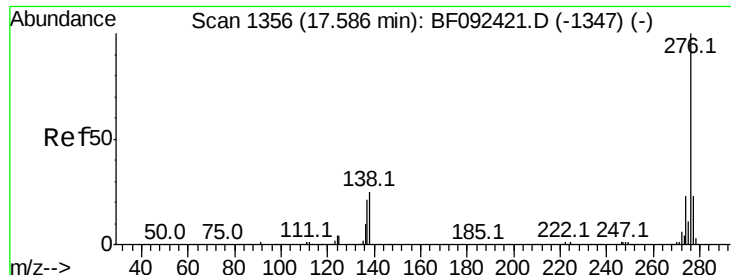
Ion Ratio Lower Upper

278 100

139 21.2 14.8 22.2

279 24.2 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 35.64 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BF092516.D

Acq: 26 Jan 2017 10:53

Instrument :

BNA_F

ClientSampleId :

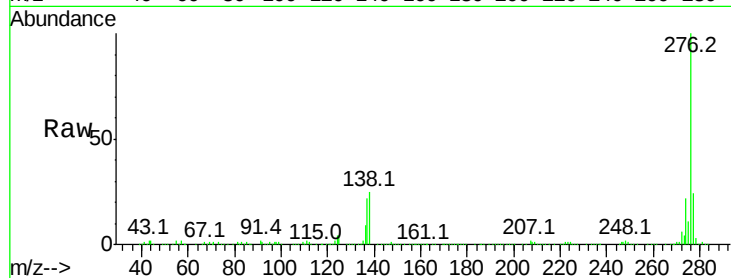
Tot Ion: 276 Resp: 510804

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 25.0 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

