

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092481.D
 Acq On : 25 Jan 2017 17:22
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 18:15:46 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	179625	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	727200	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	414554	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	656242	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	546437	20.00	ng	-0.01
86) Perylene-d12	15.63	264	435325	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	927542	80.34	ng	0.01
7) Phenol-d6	6.59	99	1104848	75.13	ng	0.00
23) Nitrobenzene-d5	7.54	82	1052832	79.09	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	226785	80.28	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1676005	74.76	ng	-0.01
78) Terphenyl-d14	13.11	244	1443734	70.35	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.62	88	231887	37.77	ng	# 83
3) Pyridine	3.38	79	651246	37.26	ng	# 83
4) n-Nitrosodimethylamine	3.33	42	315923	36.84	ng	# 83
6) Aniline	6.62	93	870632	39.69	ng	# 46
8) 2-Chlorophenol	6.75	128	483423	39.86	ng	# 96
9) Benzaldehyde	6.51	77	381282	36.53	ng	# 90
10) Phenol	6.60	94	651225	36.69	ng	# 75
11) bis(2-Chloroethyl)ether	6.70	93	539235	40.60	ng	# 95
12) 1,3-Dichlorobenzene	6.99	146	604746	42.17	ng	# 96
13) 1,4-Dichlorobenzene	6.99	146	604746	41.90	ng	# 95
14) 1,2-Dichlorobenzene	7.14	146	507561	37.07	ng	# 98
15) Benzyl Alcohol	7.10	79	425607	38.40	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	987125	37.57	ng	# 93
17) 2-Methylphenol	7.22	107	398026	38.41	ng	# 97
18) Hexachloroethane	7.49	117	205987	41.43	ng	# 93
19) n-Nitroso-di-n-propylamine	7.39	70	372785	37.22	ng	# 93
20) 3+4-Methylphenols	7.38	107	504627	40.14	ng	# 97
22) Acetophenone	7.39	105	683175	39.44	ng	# 87
24) Nitrobenzene	7.56	77	584277	41.89	ng	# 87
25) Isophorone	7.80	82	1009911	38.50	ng	# 97
26) 2-Nitrophenol	7.87	139	255758	43.76	ng	# 91
27) 2,4-Dimethylphenol	7.92	122	476294	39.19	ng	# 93
28) bis(2-Chloroethoxy)methane	8.01	93	635943	36.93	ng	# 97
29) 2,4-Dichlorophenol	8.11	162	418168	39.68	ng	# 88
30) 1,2,4-Trichlorobenzene	8.20	180	436891	38.36	ng	# 96
31) Naphthalene	8.28	128	1386990	37.27	ng	# 100
32) Benzoic acid	8.03	122	320468	36.52	ng	# 97
33) 4-Chloroaniline	8.33	127	598766	38.03	ng	# 93
34) Hexachlorobutadiene	8.41	225	253218	40.65	ng	# 99
35) Caprolactam	8.72	113	131058	37.24	ng	# 33
36) 4-Chloro-3-methylphenol	8.82	107	482295	42.44	ng	# 89
37) 2-Methylnaphthalene	8.98	142	873652	37.08	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	437068	41.80	ng	# 99
40) Hexachlorocyclopentadiene	9.14	237	222373	42.46	ng	# 97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
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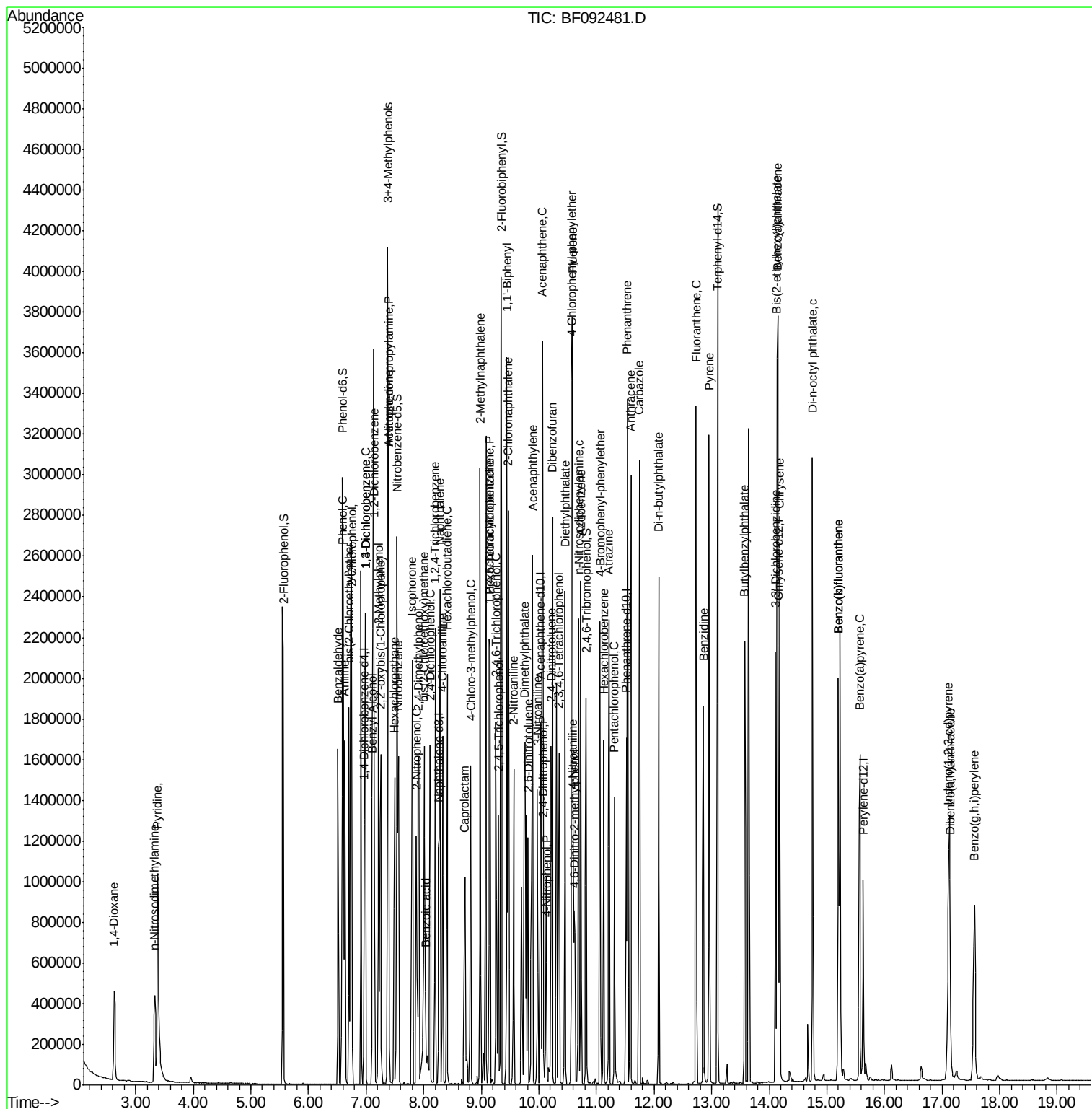
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	309000	38.57	nq	91
43) 2,4,5-Trichlorophenol	9.30	196	301135	41.08	nq #	85
45) 1,1'-Biphenyl	9.45	154	1054366	35.18	nq	97
46) 2-Chloronaphthalene	9.47	162	852368	34.82	nq	96
47) 2-Nitroaniline	9.56	65	293534	35.61	nq	92
48) Acenaphthylene	9.89	152	1467150	40.87	nq	98
49) Dimethylphthalate	9.76	163	1065939	40.43	nq	99
50) 2,6-Dinitrotoluene	9.81	165	246367	45.72	nq #	84
51) Acenaphthene	10.06	154	914182	40.98	nq	97
52) 3-Nitroaniline	9.97	138	263343	39.02	nq	96
53) 2,4-Dinitrophenol	10.08	184	105522	42.47	nq #	44
54) Dibenzofuran	10.24	168	1202821	39.71	nq	94
55) 4-Nitrophenol	10.13	139	214815	40.08	nq #	62
56) 2,4-Dinitrotoluene	10.21	165	326713	45.68	nq #	85
57) Fluorene	10.58	166	921194	41.01	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	235275	42.84	nq	95
59) Diethylphthalate	10.45	149	1006644	39.82	nq	97
60) 4-Chlorophenyl-phenylether	10.57	204	389749	35.78	nq	93
61) 4-Nitroaniline	10.59	138	278647	41.28	nq	95
62) Azobenzene	10.73	77	1024535	35.62	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	175562	49.48	nq	91
65) n-Nitrosodiphenylamine	10.69	169	859245	41.93	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	244512	36.90	nq	97
67) Hexachlorobenzene	11.13	284	277942	41.50	nq	98
68) Atrazine	11.22	200	285787	40.74	nq	97
69) Pentachlorophenol	11.31	266	173508	40.52	nq	97
70) Phenanthrene	11.54	178	1246333	34.49	nq	99
71) Anthracene	11.60	178	1468111	41.57	nq	98
72) Carbazole	11.74	167	1194741	35.43	nq	99
73) Di-n-butylphthalate	12.08	149	1449735	37.60	nq	98
74) Fluoranthene	12.73	202	1303061	36.86	nq	99
76) Benzidine	12.85	184	791885	39.04	nq	99
77) Pyrene	12.96	202	1338688	33.81	nq	99
79) Butylbenzylphthalate	13.57	149	629213	39.23	nq	96
80) Benzo(a)anthracene	14.15	228	1104459	37.61	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	432769	38.81	nq #	96
82) Chrysene	14.18	228	1047687	33.41	nq	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	794317	39.32	nq	100
84) Di-n-octyl phthalate	14.75	149	1473411	40.18	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	855935	36.89	nq #	94
87) Benzo(b)fluoranthene	15.20	252	1267837	45.37	nq	99
88) Benzo(k)fluoranthene	15.20	252	1267837	54.56	nq	97
89) Benzo(a)pyrene	15.57	252	948559	40.12	nq	96
90) Dibenzo(a,h)anthracene	17.14	278	757640	39.63	nq	97
91) Benzo(g,h,i)perylene	17.56	276	740453	38.30	nq #	90

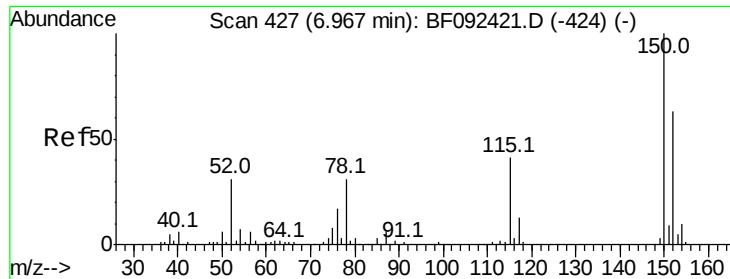
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

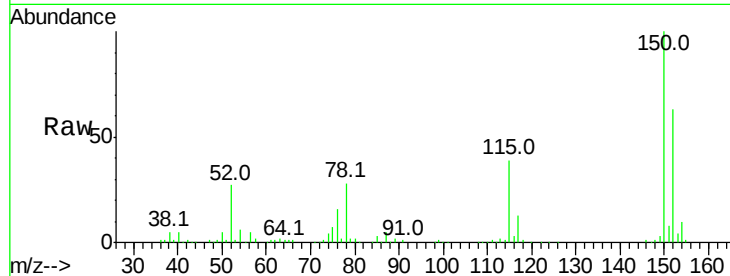
Tot Ion:152 Resp: 179625

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

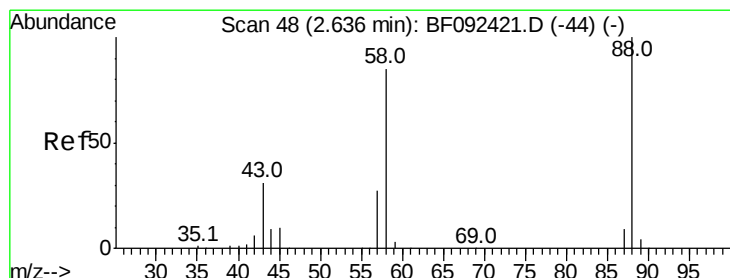
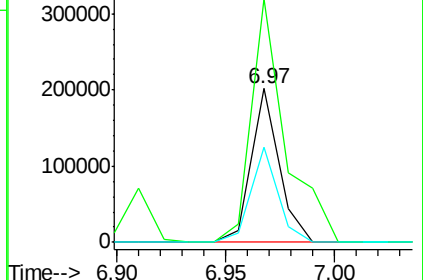
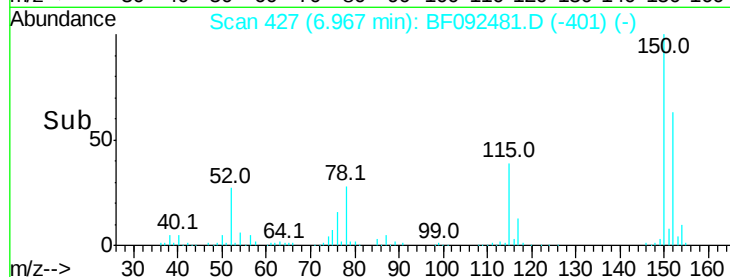
115 62.3 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.77 ng

RT: 2.62 min Scan# 47

Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

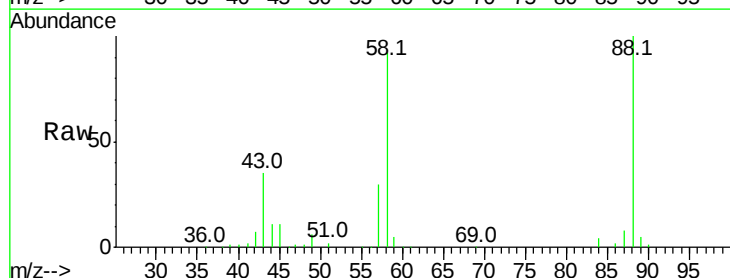
Tgt Ion: 88 Resp: 231887

Ion Ratio Lower Upper

88 100

58 89.1 57.8 86.8#

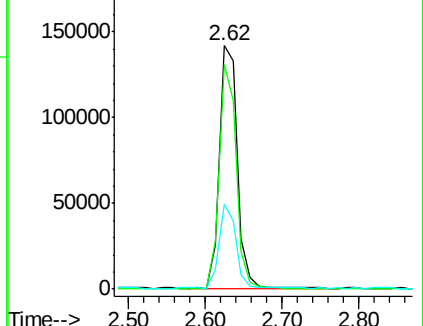
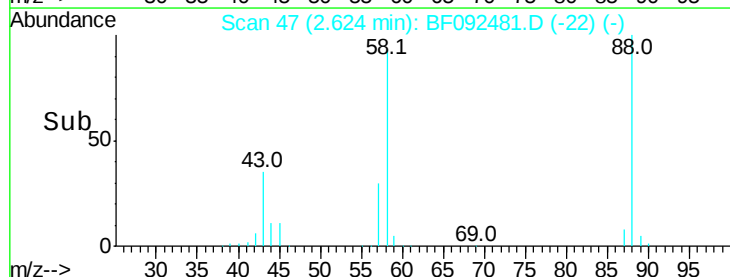
43 33.0 22.3 33.5

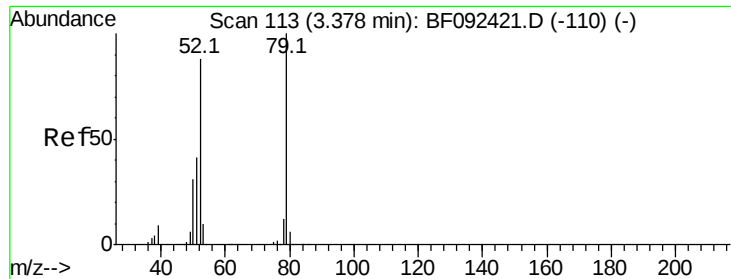


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

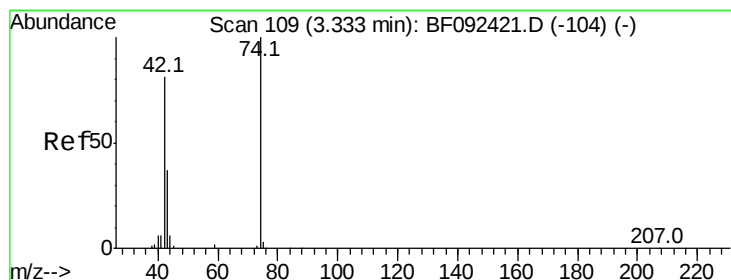
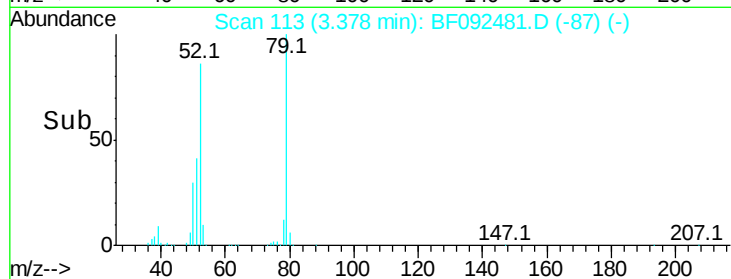
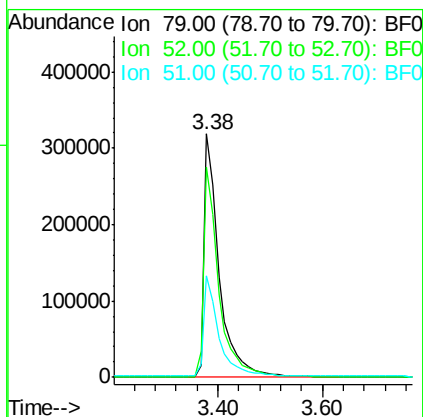
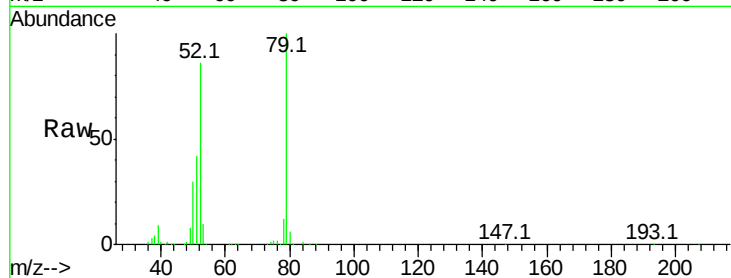




#3
 Pvridine
 Concen: 37.26 ng
 RT: 3.38 min Scan# 113
 Delta R.T. -0.00 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

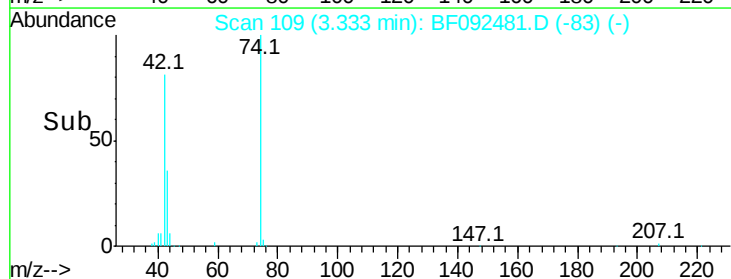
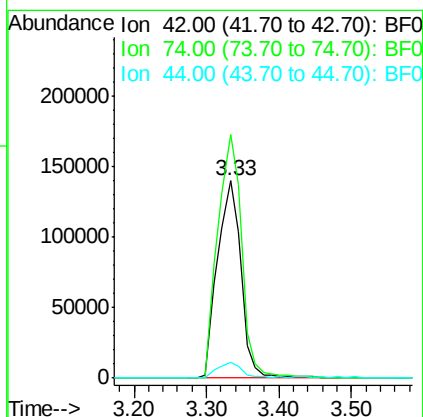
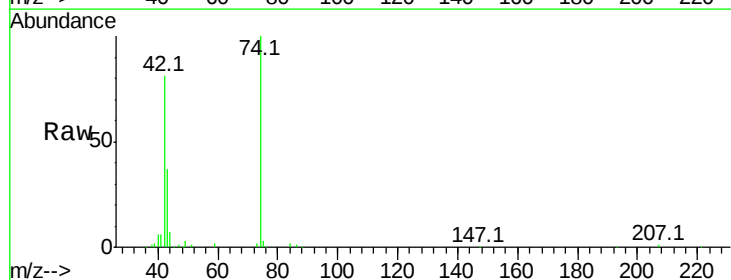
Instrument :
 BNA_F
 ClientSampleId :

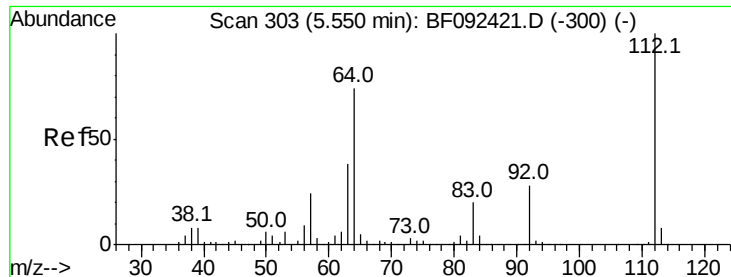
Tot Ion: 79 Resp: 651246
 Ion Ratio Lower Upper
 79 100
 52 86.3 57.1 85.7#
 51 41.9 27.3 40.9#



#4
 n-Nitrosodimethylamine
 Concen: 36.84 ng
 RT: 3.33 min Scan# 109
 Delta R.T. -0.00 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Tgt Ion: 42 Resp: 315923
 Ion Ratio Lower Upper
 42 100
 74 123.6 117.0 175.4
 44 8.1 5.5 8.3





#5

2-Fluorophenol

Concen: 80.34 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampled :

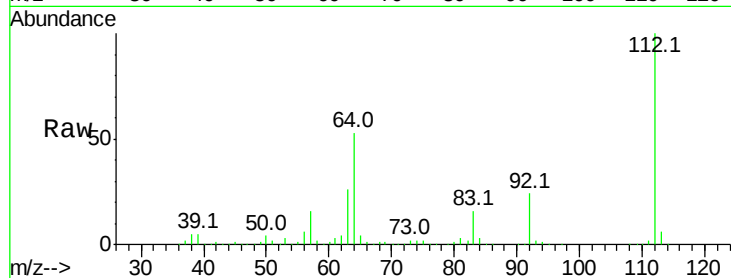
Tot Ion:112 Resp: 927542

Ion Ratio Lower Upper

112 100

64 53.0 46.1 69.1

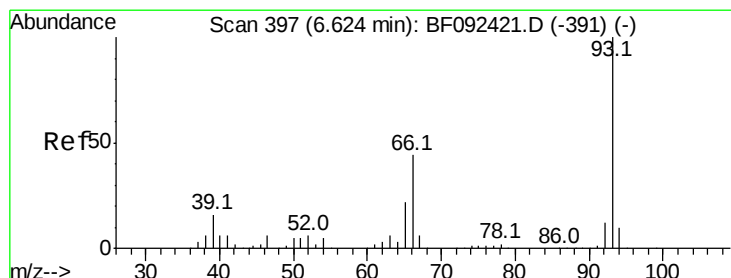
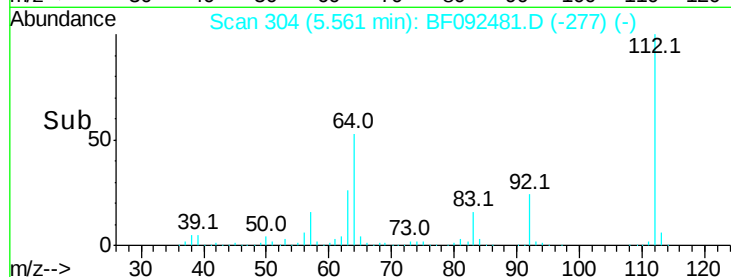
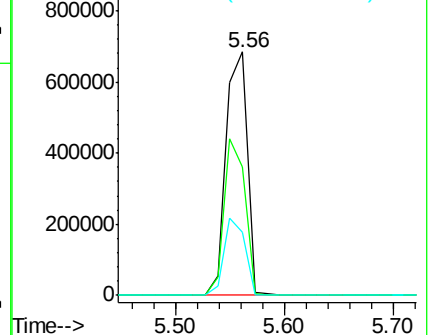
63 26.0 23.8 35.6



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: 39.69 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

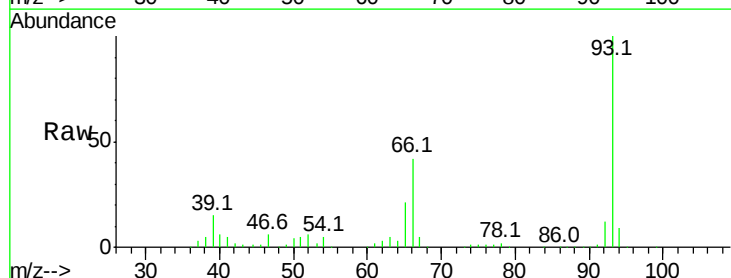
Tgt Ion: 93 Resp: 870632

Ion Ratio Lower Upper

93 100

66 42.2 76.2 114.2#

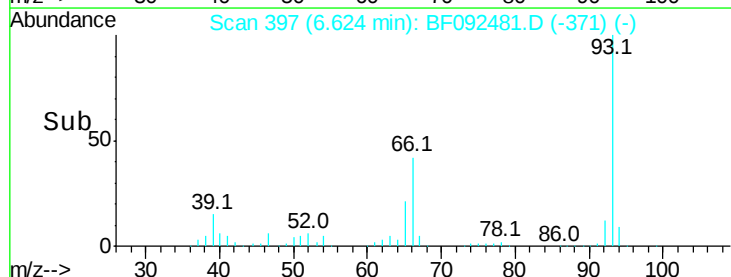
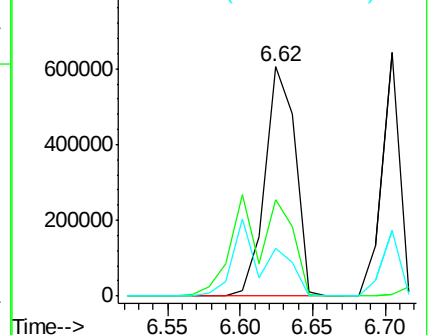
65 21.1 49.3 73.9#

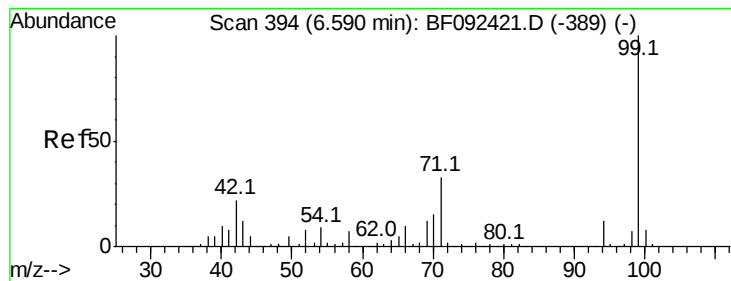


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.13 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampled :

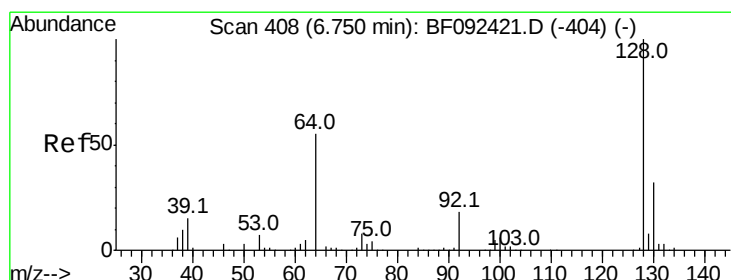
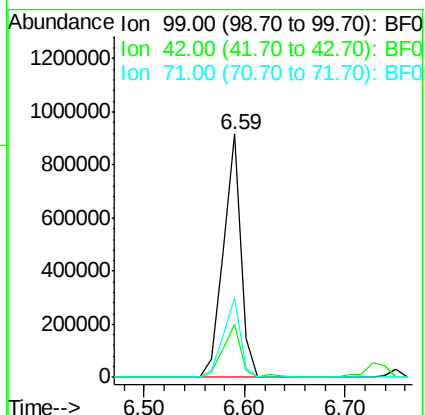
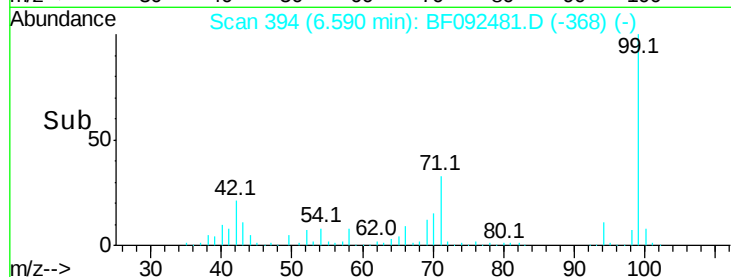
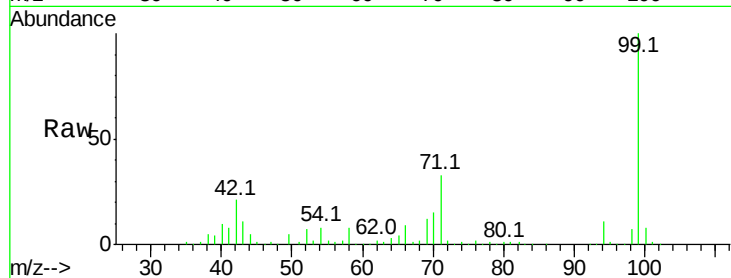
Tot Ion: 99 Resp: 1104848

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

71 33.0 27.5 41.3



#8

2-Chlorophenol

Concen: 39.86 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

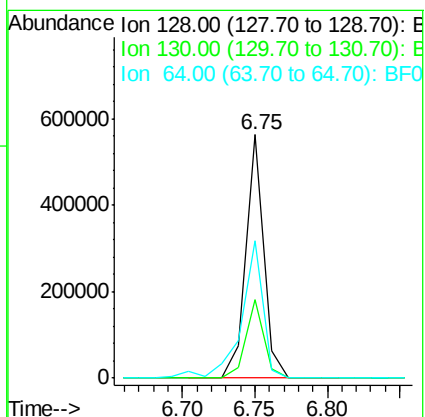
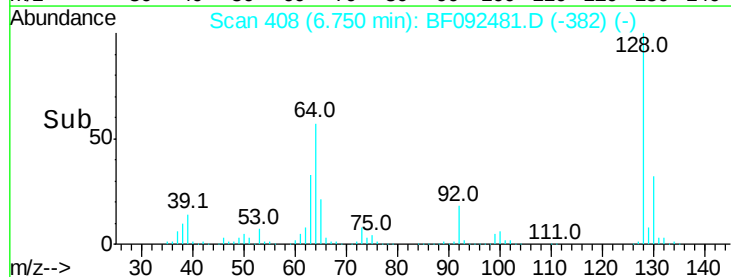
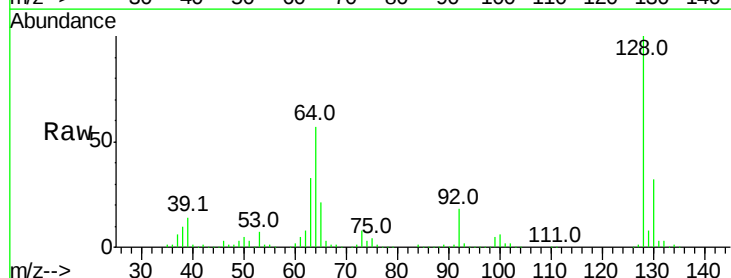
Tgt Ion: 128 Resp: 483423

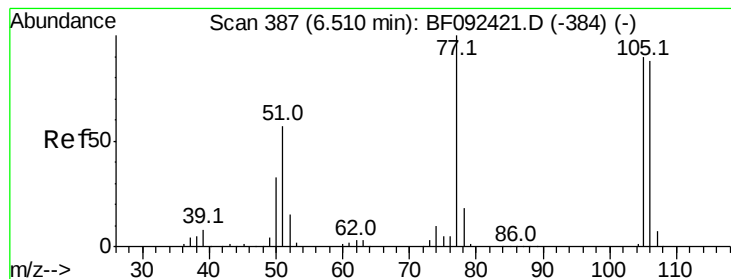
Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 56.6 32.2 72.2





#9

Benzaldehyde

Concen: 36.53 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

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ClientSampleId :

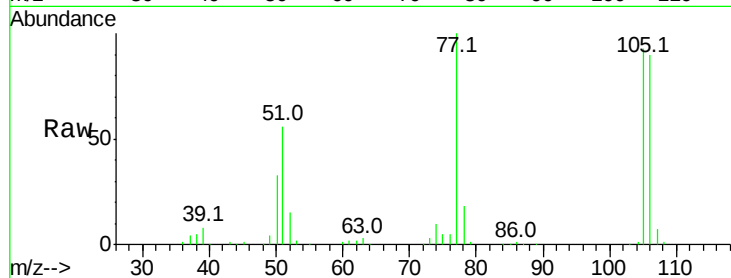
Tot Ion: 77 Resp: 381282

Ion Ratio Lower Upper

77 100

105 92.6 83.9 123.9

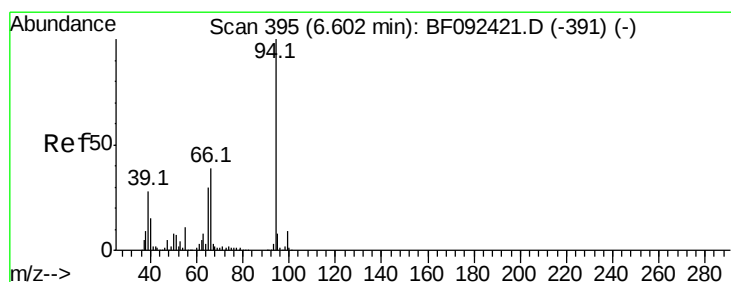
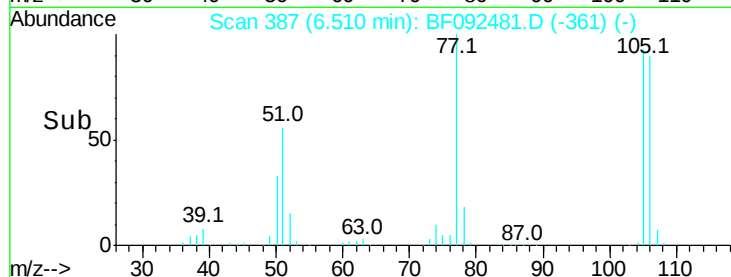
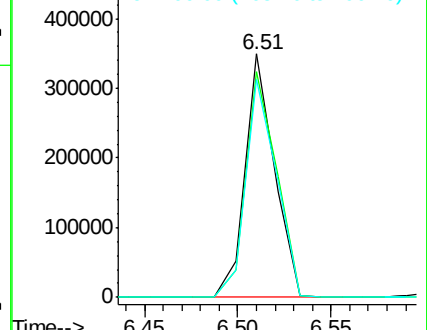
106 89.7 77.6 117.6



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: 36.69 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

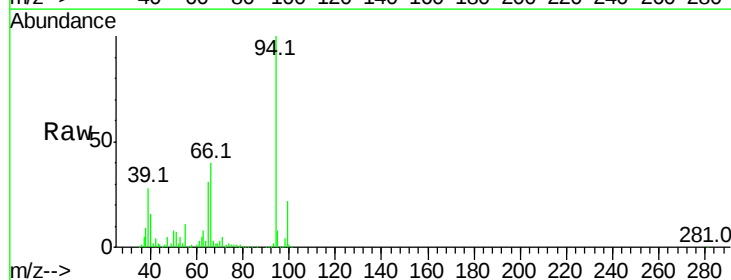
Tgt Ion: 94 Resp: 651225

Ion Ratio Lower Upper

94 100

65 30.6 21.4 61.4

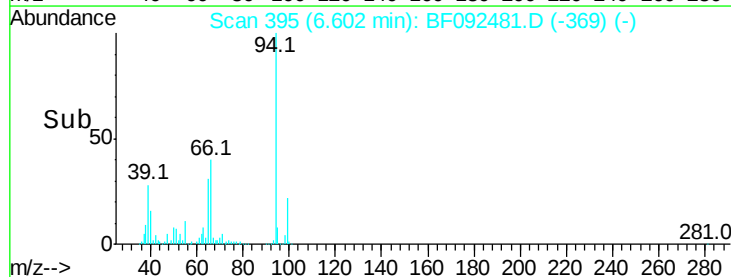
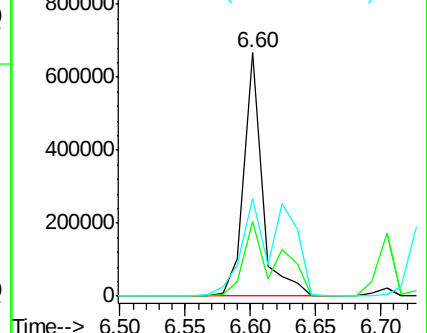
66 40.3 44.0 84.0#

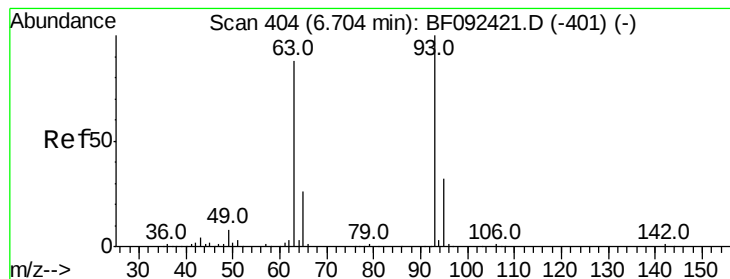


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.60 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

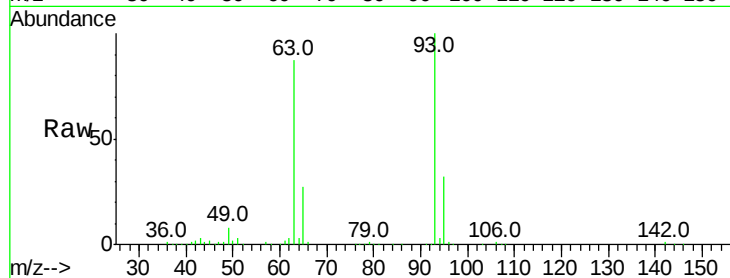
Tot Ion: 93 Resp: 539235

Ion Ratio Lower Upper

93 100

63 86.5 60.4 100.4

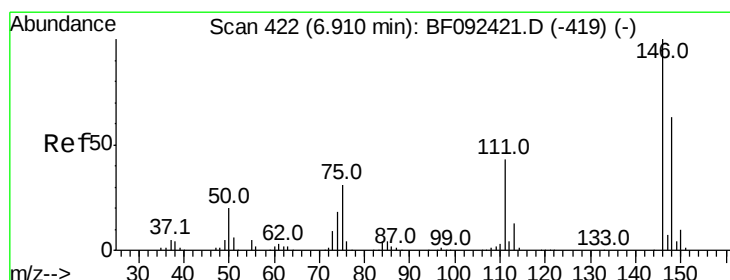
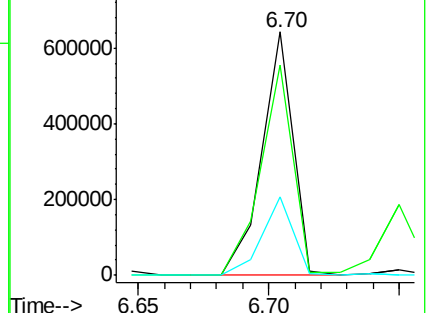
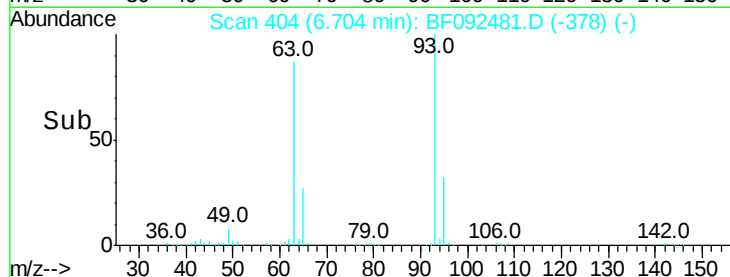
95 32.5 12.8 52.8



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: 42.17 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.08 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

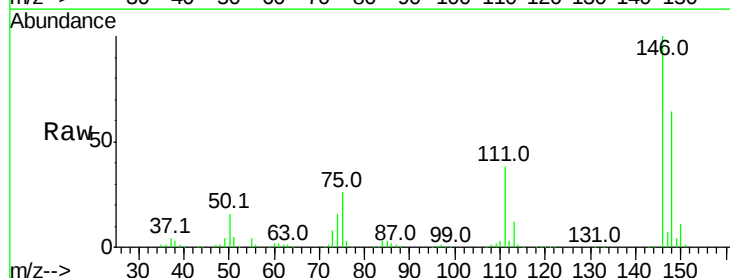
Tgt Ion: 146 Resp: 604746

Ion Ratio Lower Upper

146 100

148 64.5 53.4 80.0

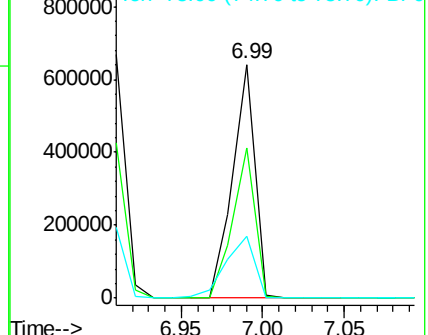
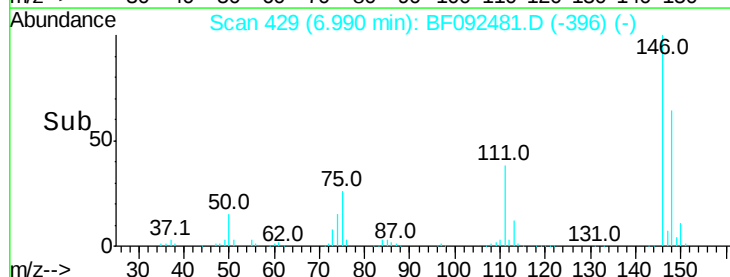
75 26.3 18.5 27.7

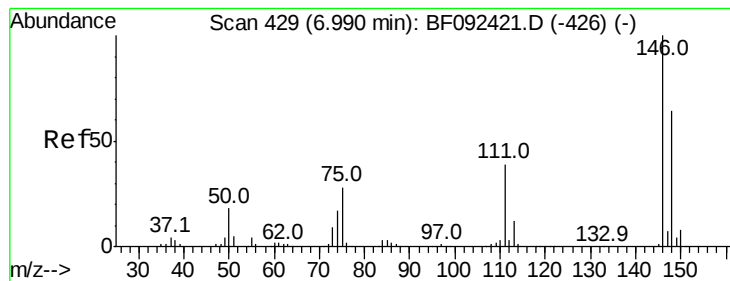


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.90 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampled :

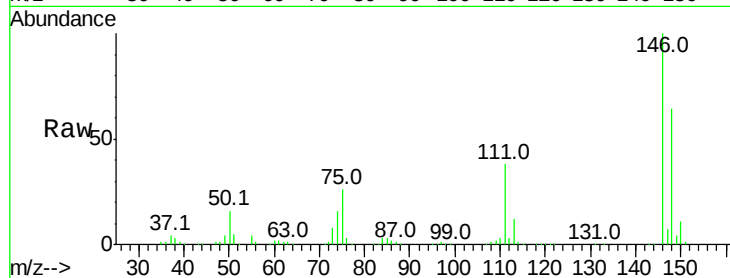
Tot Ion:146 Resp: 604746

Ion Ratio Lower Upper

146 100

148 64.5 50.6 76.0

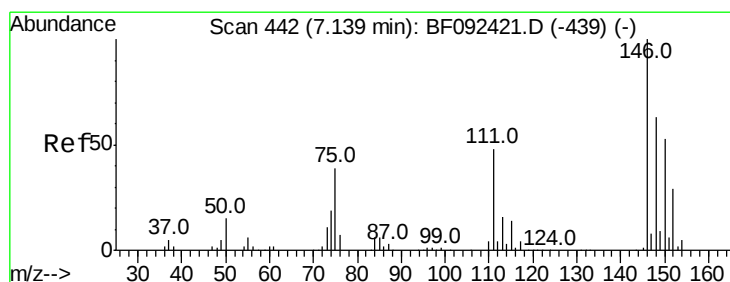
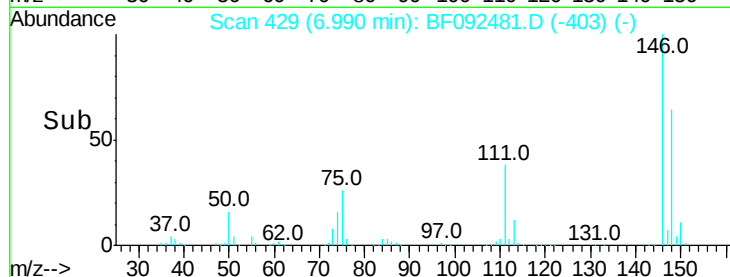
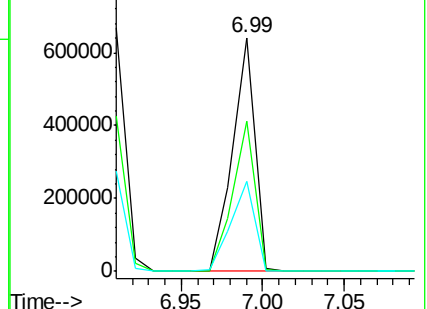
111 38.4 36.2 54.4



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: 37.07 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

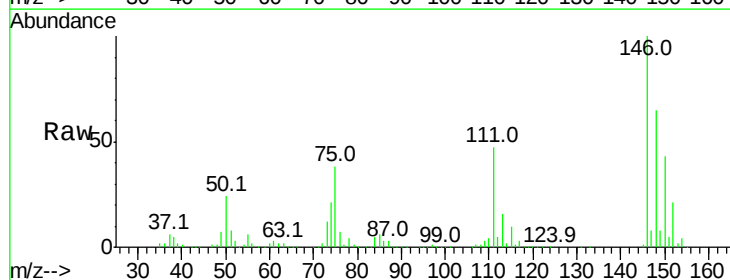
Tgt Ion:146 Resp: 507561

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

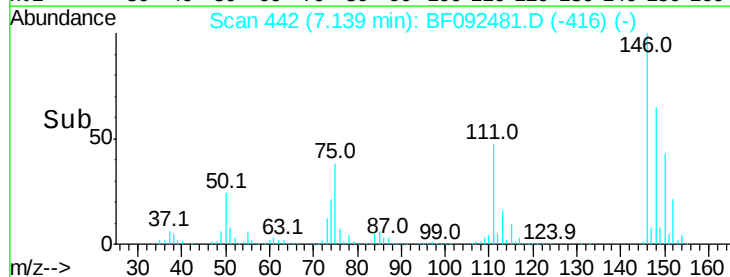
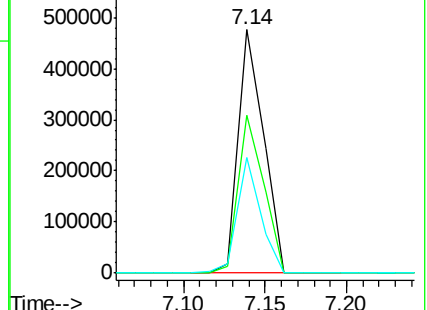
111 47.4 36.2 54.2

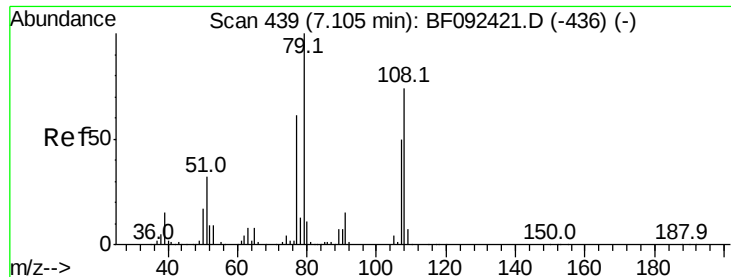


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.40 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampled :

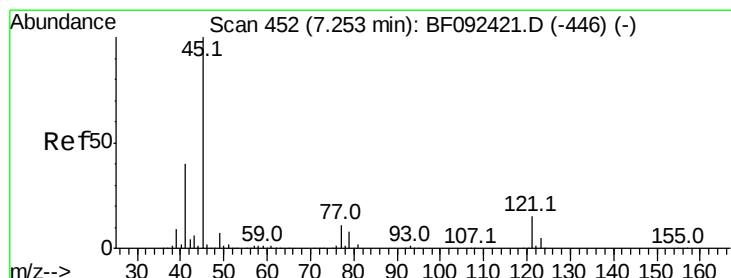
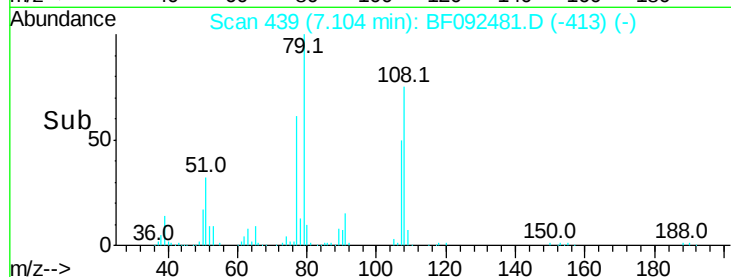
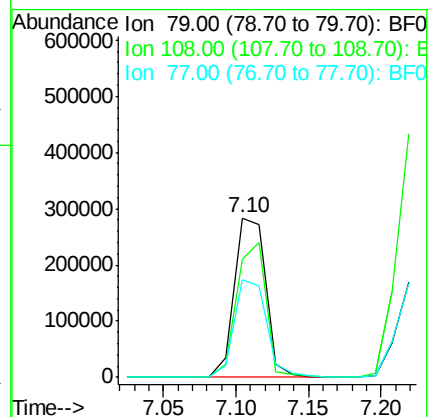
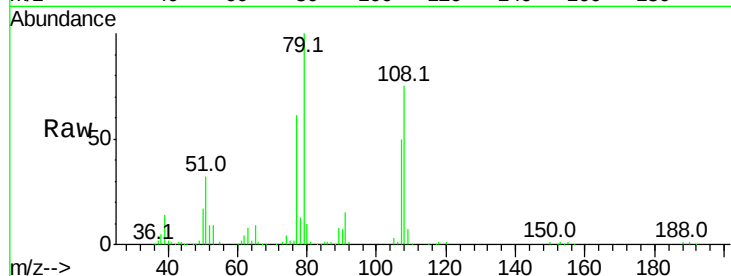
Tot Ion: 79 Resp: 425607

Ion Ratio Lower Upper

79 100

108 74.6 61.4 92.0

77 61.3 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.57 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

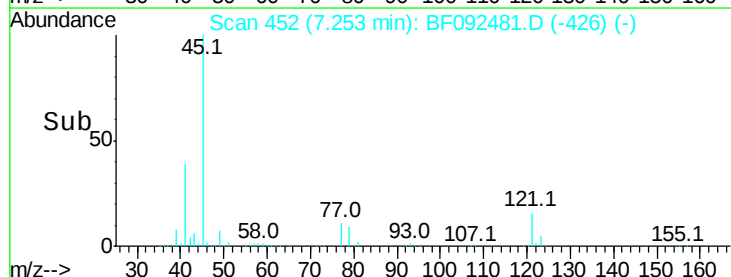
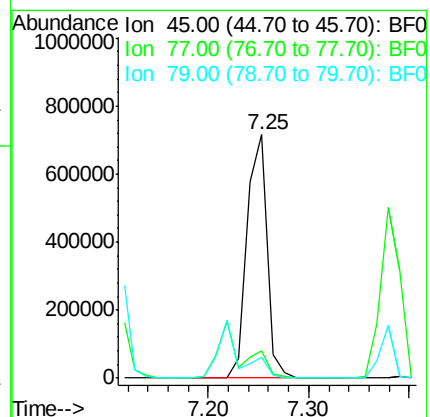
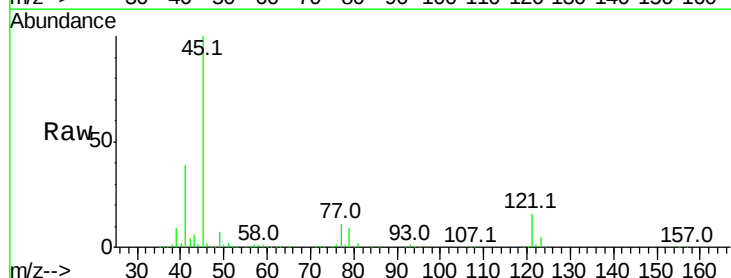
Tgt Ion: 45 Resp: 987125

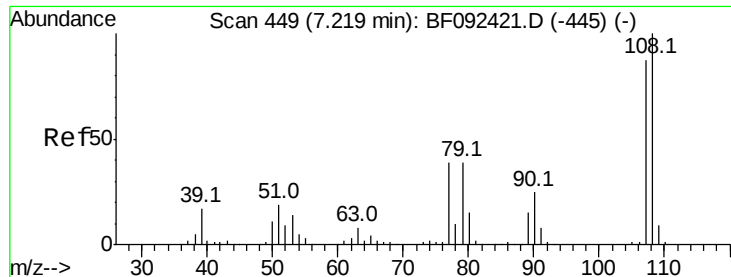
Ion Ratio Lower Upper

45 100

77 11.2 0.0 34.6

79 8.8 0.0 31.2

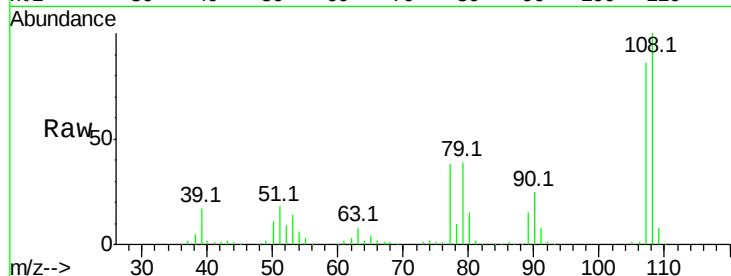




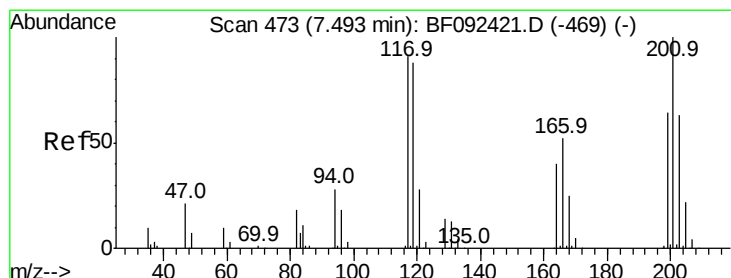
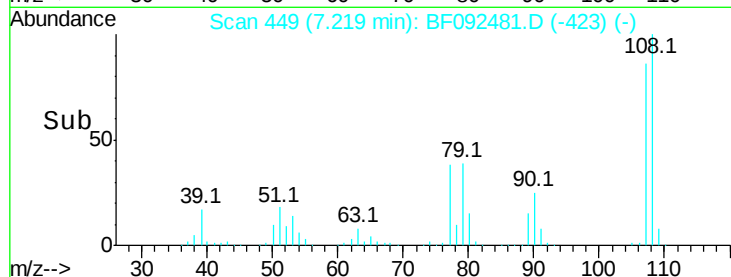
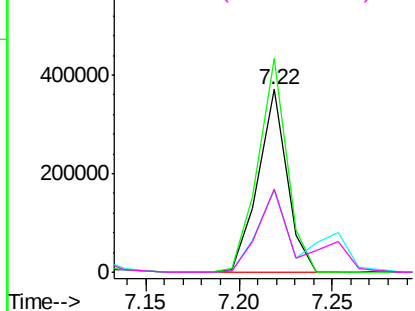
#17
2-Methylphenol
Concen: 38.41 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	398026
Ion	Ratio	Lower	Upper
107	100		
108	116.7	93.0	139.6
77	44.9	39.8	59.8
79	45.5	38.0	57.0

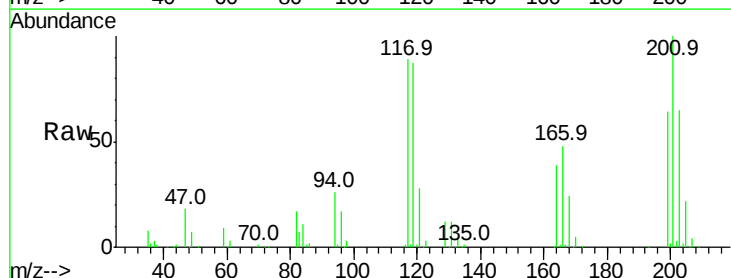


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

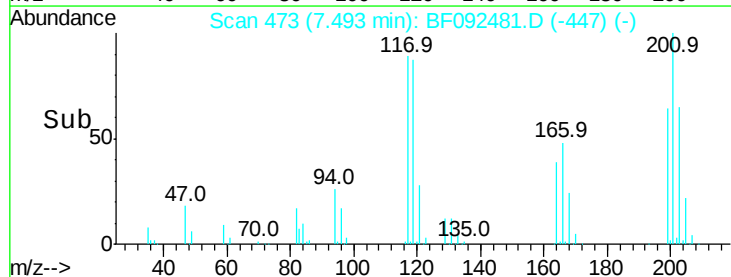
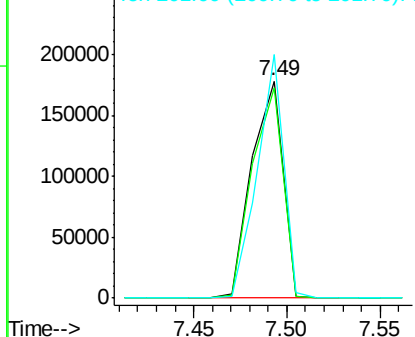


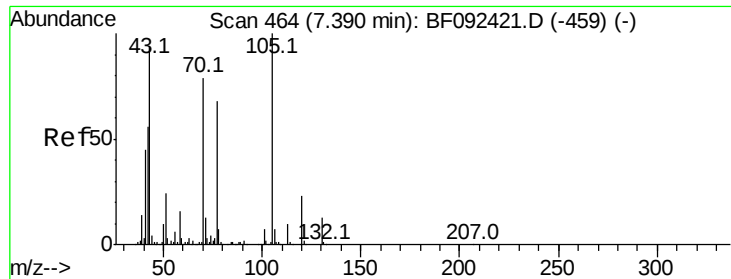
#18
Hexachloroethane
Concen: 41.43 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:	117	Resp:	205987
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.1	117.1
201	112.1	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

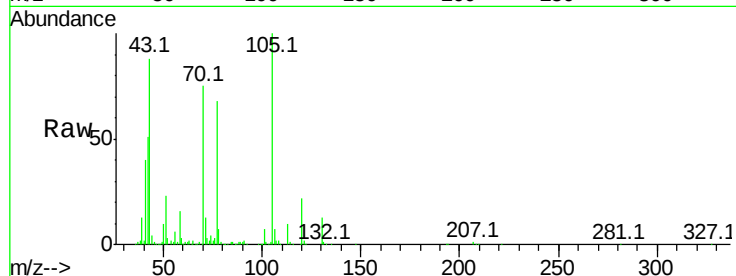




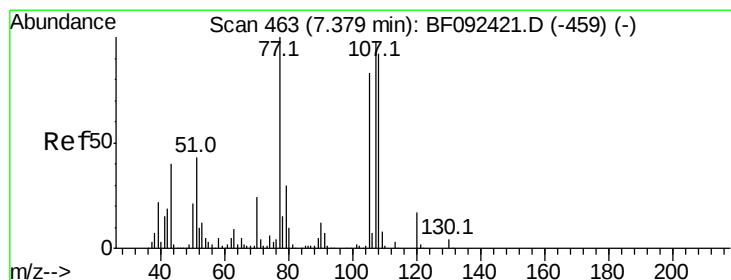
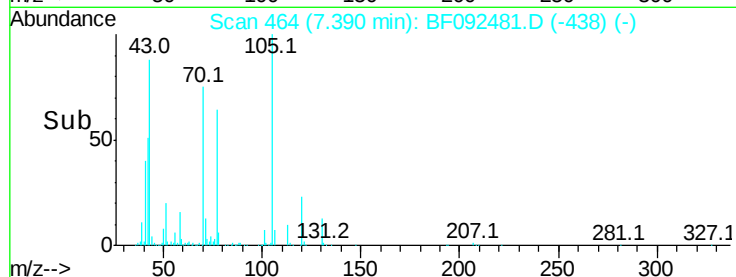
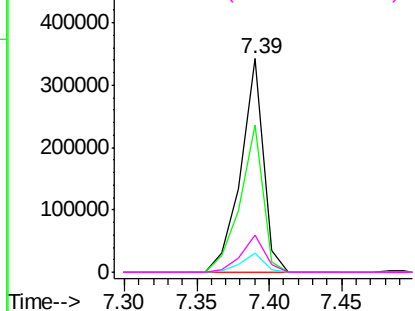
#19
n-Nitroso-di-n-propylamine
Concen: 37.22 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 372785
Ion Ratio Lower Upper
70 100
42 68.8 49.4 74.0
101 8.8 7.4 11.2
130 17.6 14.2 21.4

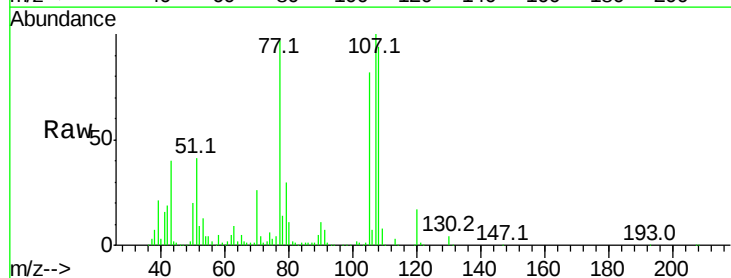


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

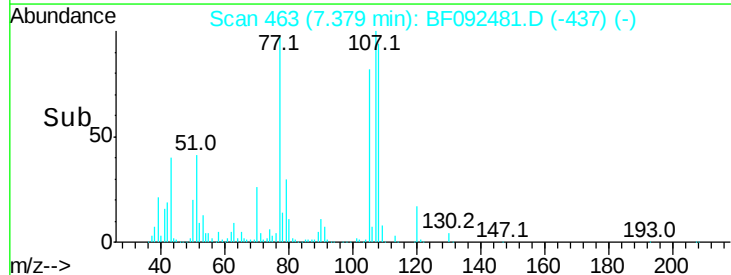
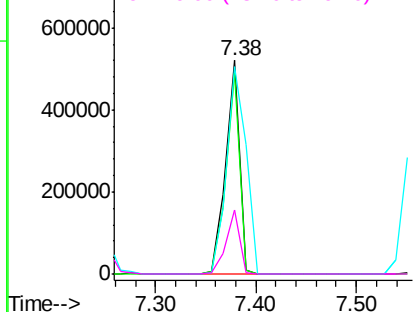


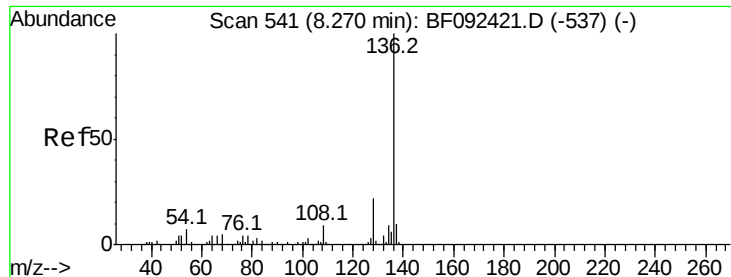
#20
3+4-Methylphenols
Concen: 40.14 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion: 107 Resp: 504627
Ion Ratio Lower Upper
107 100
108 93.9 73.0 113.0
77 96.8 71.3 111.3
79 30.1 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: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 727200

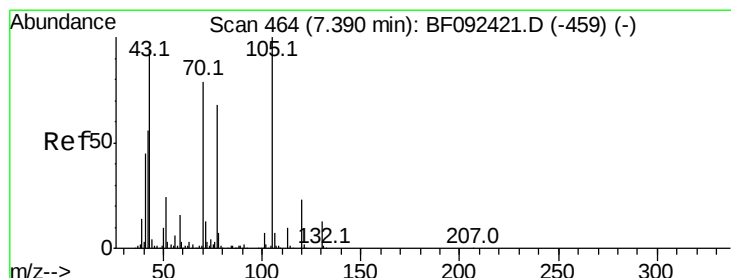
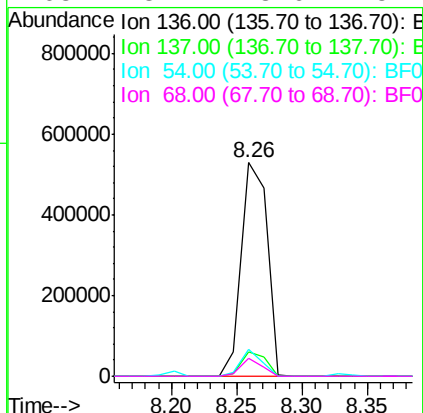
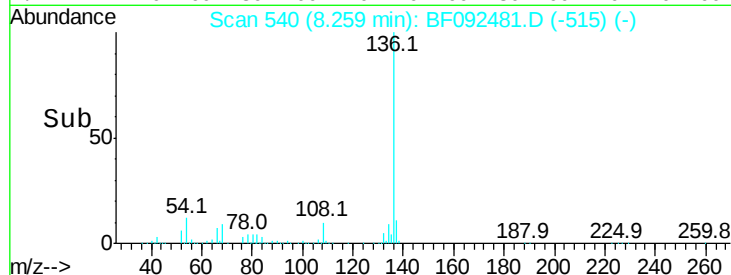
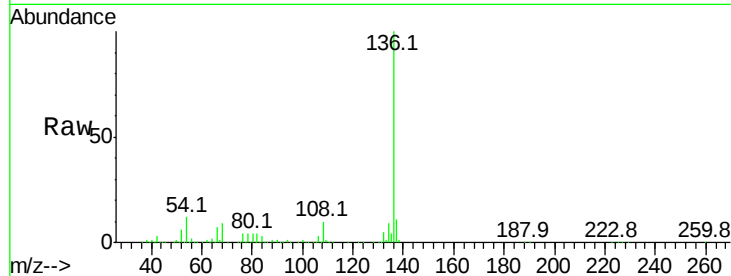
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 12.4 4.5 6.7#

68 8.7 3.6 5.4#



#22

Acetophenone

Concen: 39.44 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Tgt Ion:105 Resp: 683175

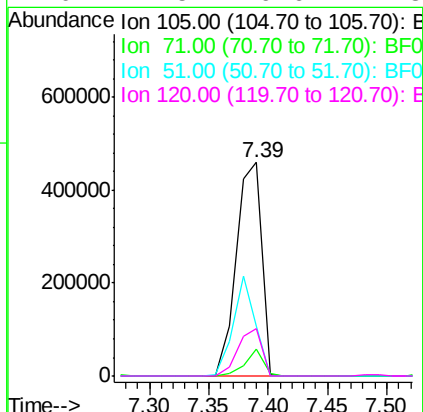
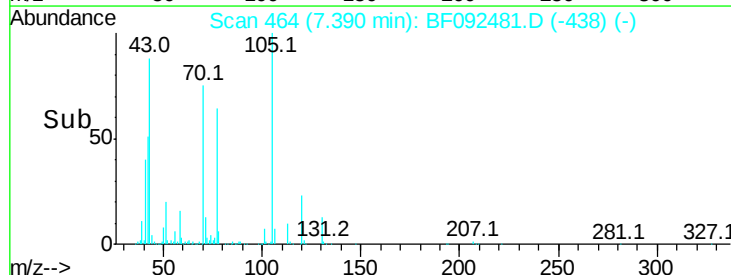
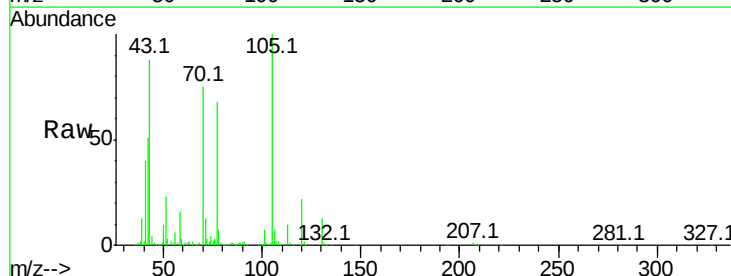
Ion Ratio Lower Upper

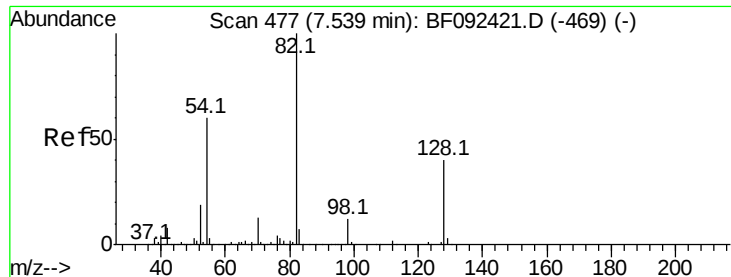
105 100

71 12.7 3.2 4.8#

51 23.2 26.2 39.4#

120 22.5 16.6 24.8

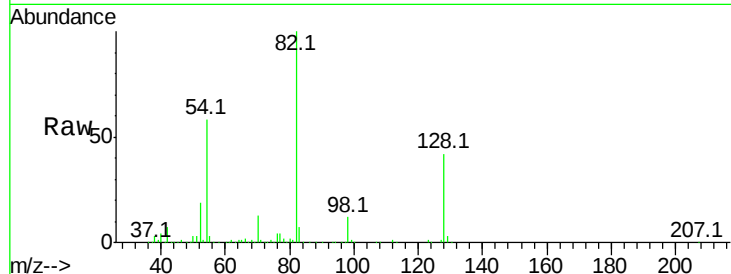




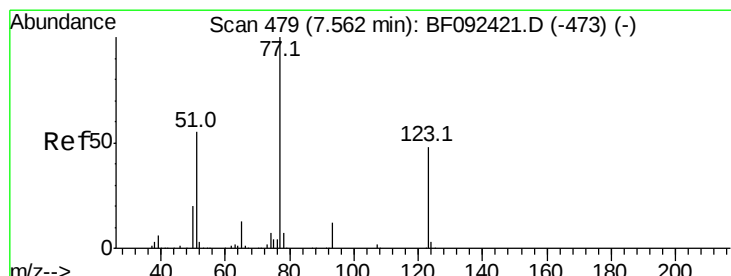
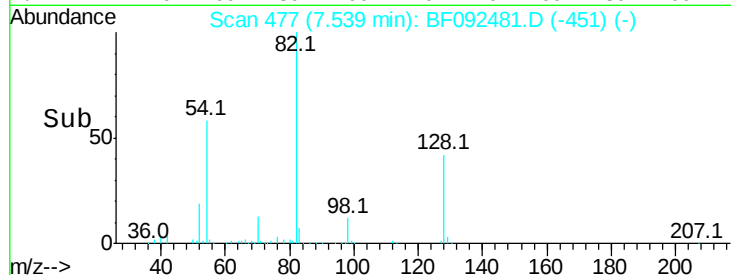
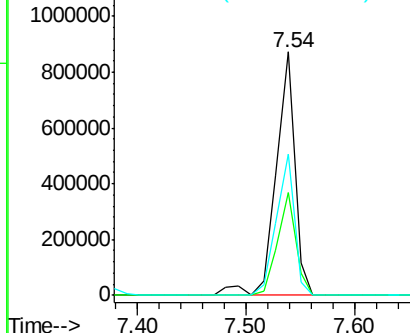
#23
Nitrobenzene-d5
Concen: 79.09 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1052832
Ion Ratio Lower Upper
82 100
128 42.0 34.6 52.0
54 58.1 39.5 59.3

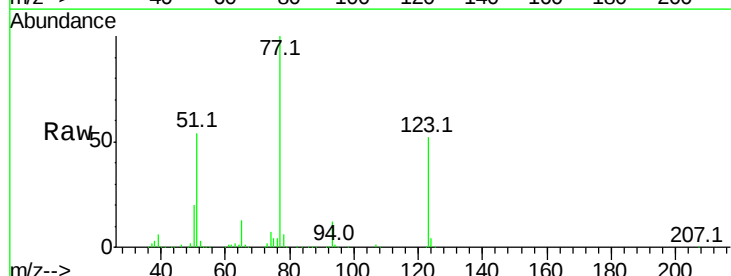


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

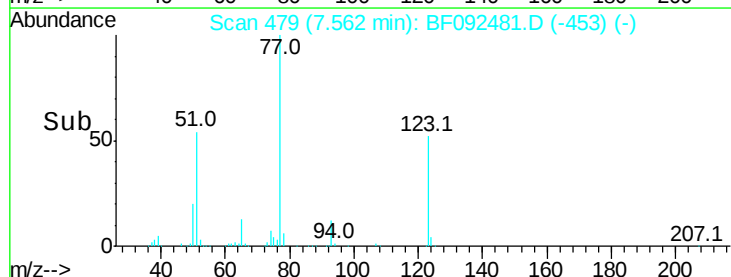
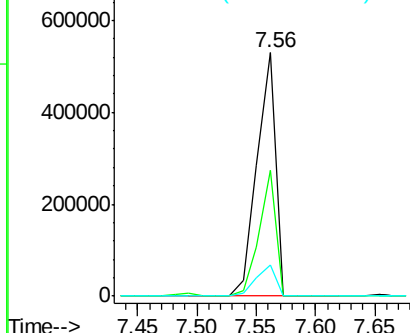


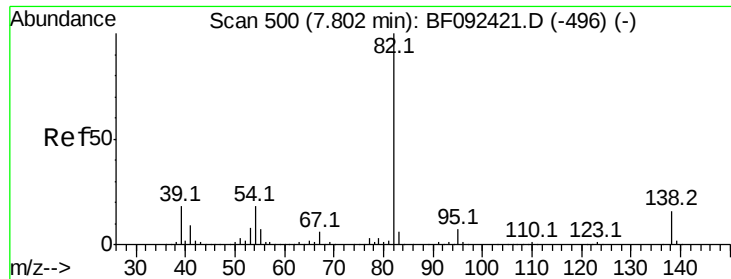
#24
Nitrobenzene
Concen: 41.89 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion: 77 Resp: 584277
Ion Ratio Lower Upper
77 100
123 51.7 33.0 49.4#
65 12.8 11.2 16.8



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





#25

Isophorone

Concen: 38.50 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

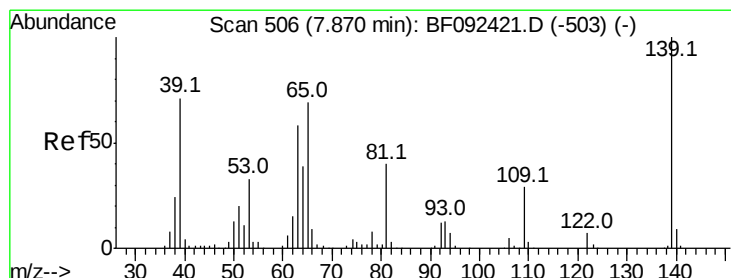
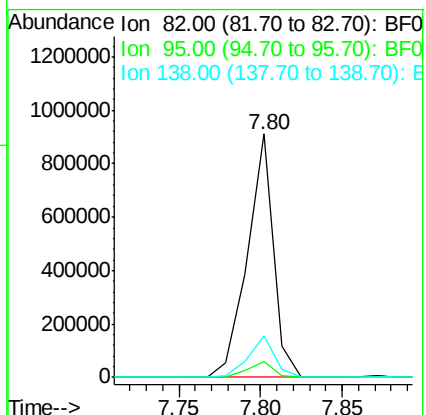
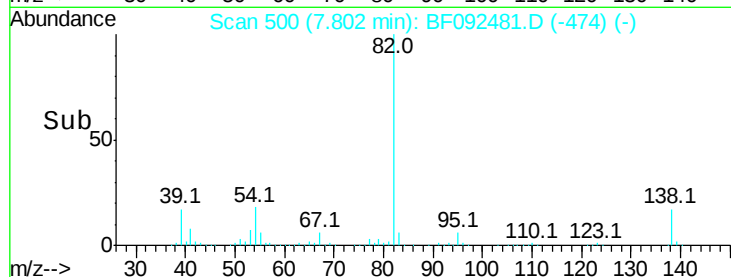
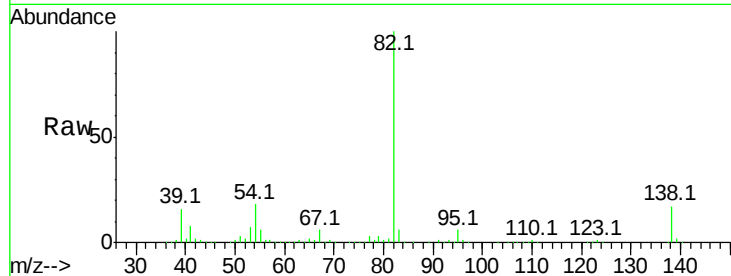
Tot Ion: 82 Resp: 1009911

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 16.8 14.6 22.0



#26

2-Nitrophenol

Concen: 43.76 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

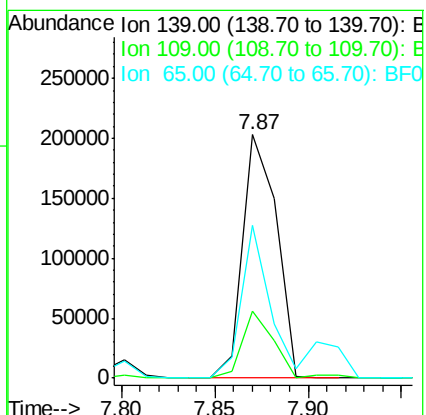
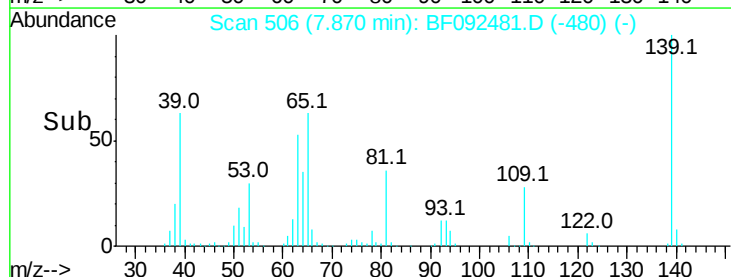
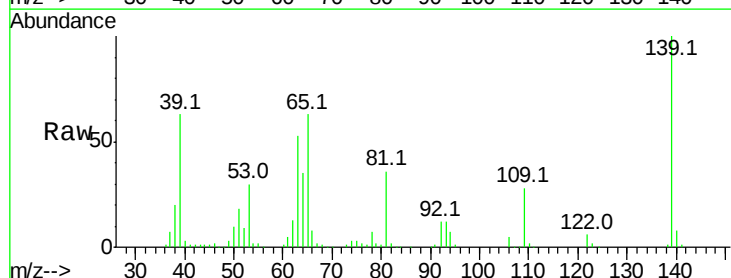
Tgt Ion:139 Resp: 255758

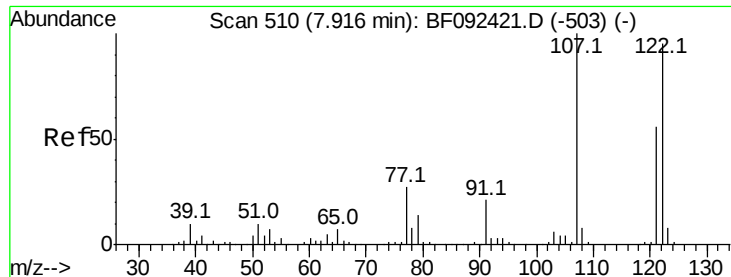
Ion Ratio Lower Upper

139 100

109 27.6 23.3 34.9

65 62.6 42.7 64.1

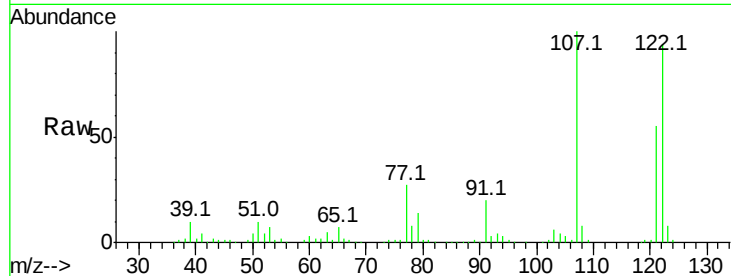




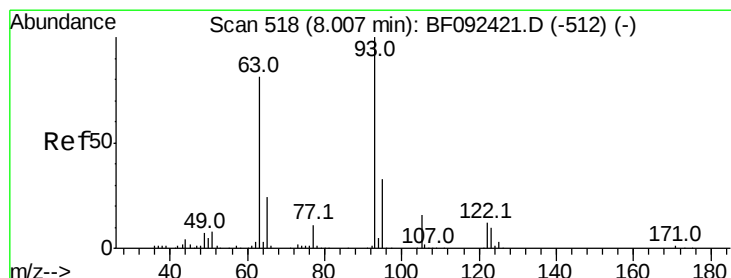
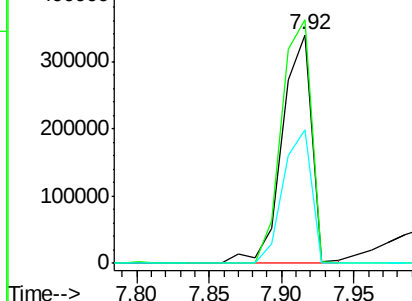
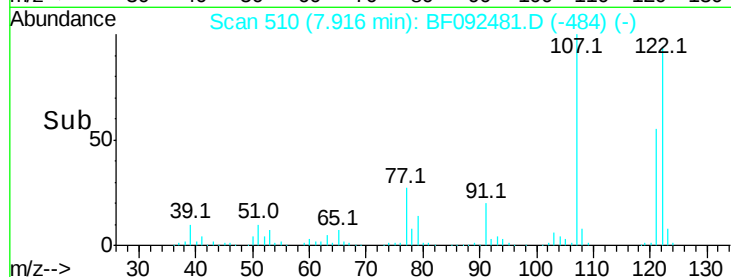
#27
 2,4-Dimethylphenol
 Concen: 39.19 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 476294
 Ion Ratio Lower Upper
 122 100
 107 106.6 94.1 141.1
 121 58.2 46.0 69.0

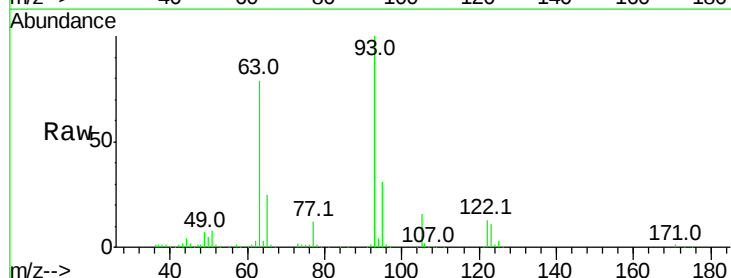


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

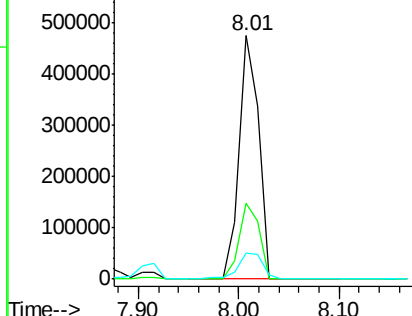
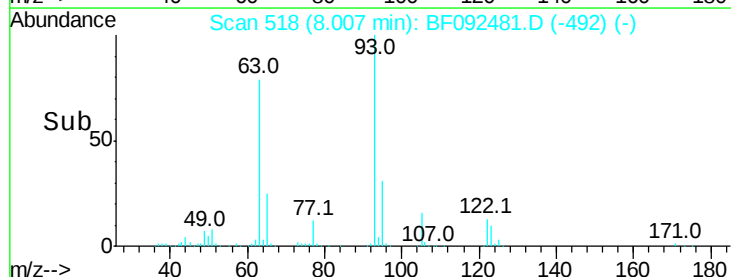


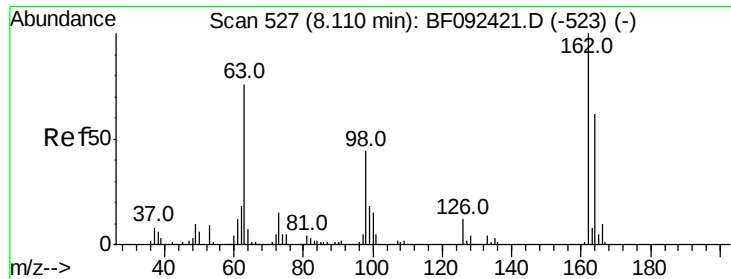
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.93 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Tgt Ion: 93 Resp: 635943
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.5 39.7
 123 10.5 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

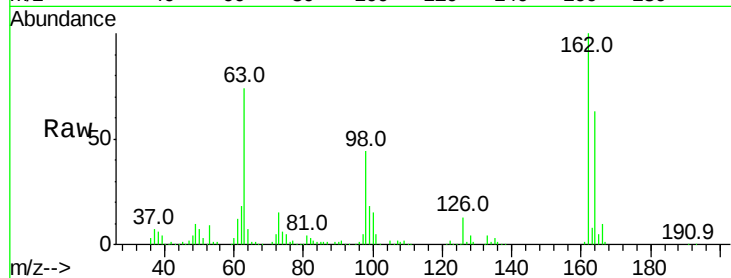




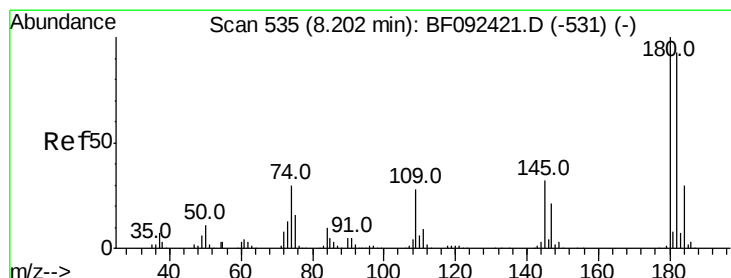
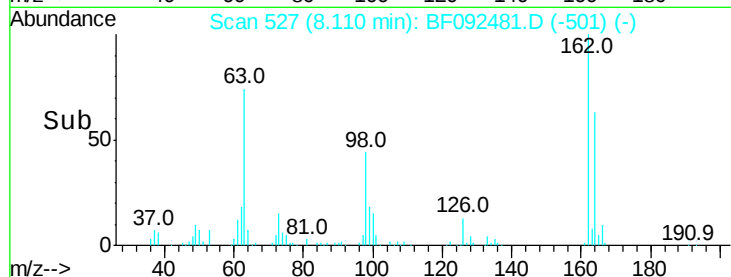
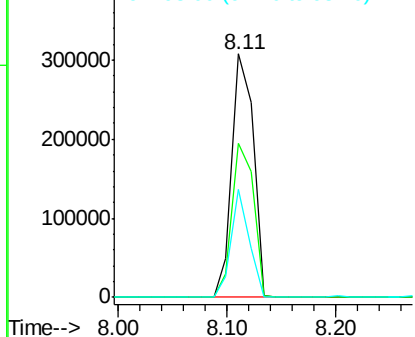
#29
 2,4-Dichlorophenol
 Concen: 39.68 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	46.8	86.8
98	44.4	9.1	49.1

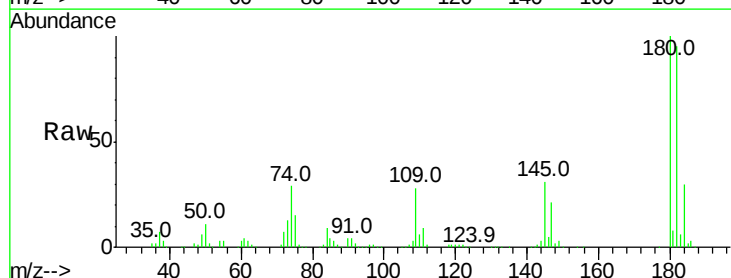


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

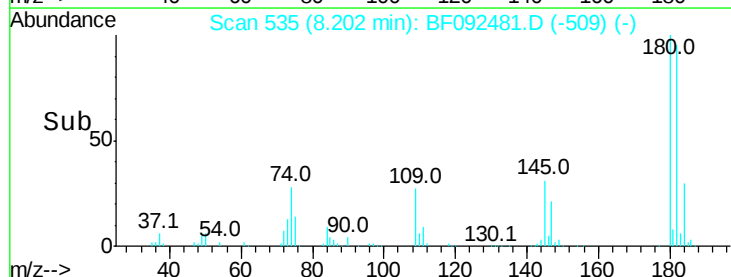
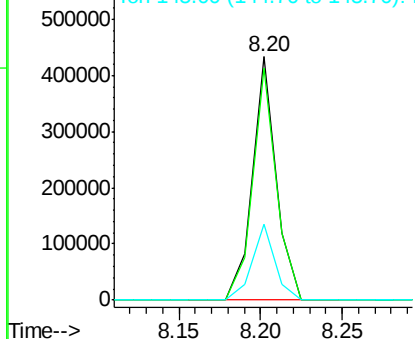


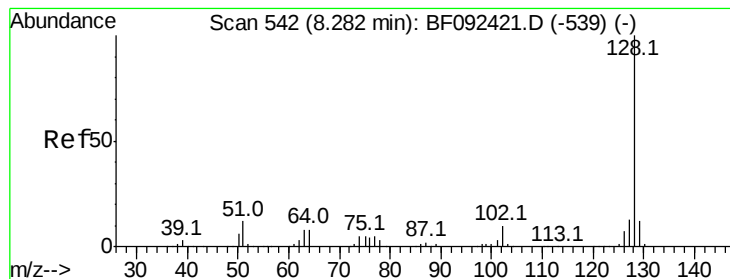
#30
 1,2,4-Trichlorobenzene
 Concen: 38.36 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.2	117.4
145	31.3	21.6	32.4



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





#31

Naphthalene

Concen: 37.27 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampled :

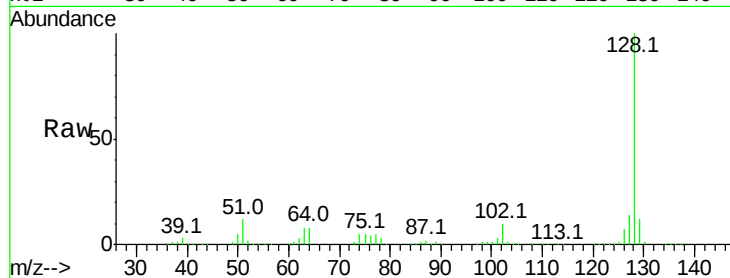
Tot Ion:128 Resp: 1386990

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

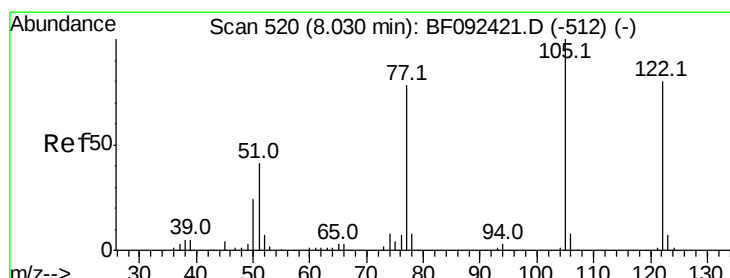
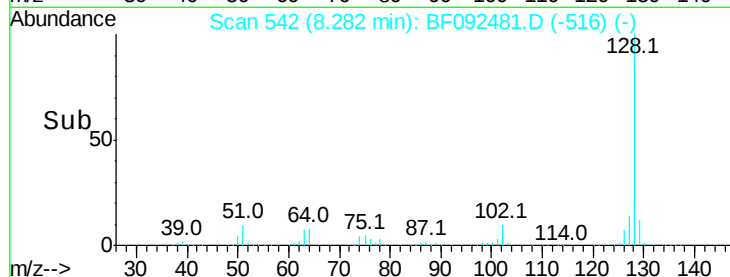
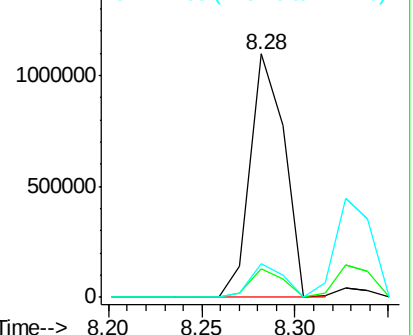
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.52 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

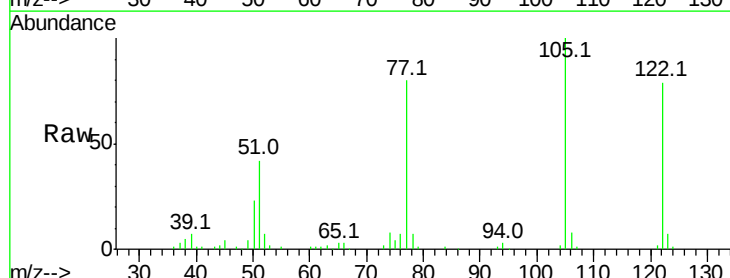
Tgt Ion:122 Resp: 320468

Ion Ratio Lower Upper

122 100

105 126.0 107.2 147.2

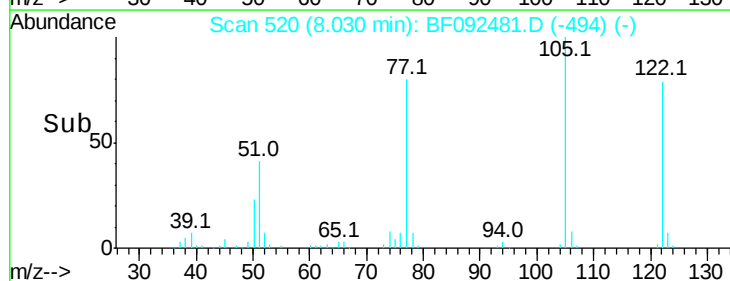
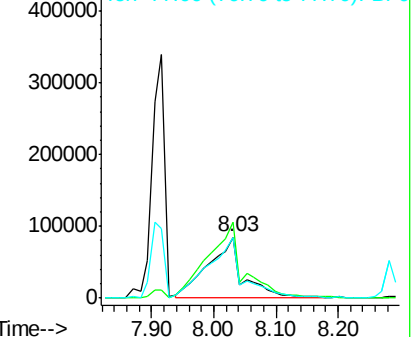
77 100.6 74.5 114.5

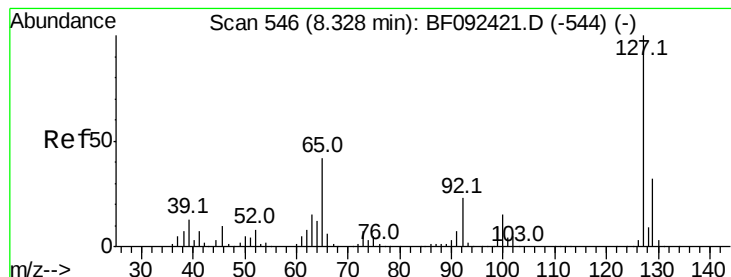


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.03 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 598766

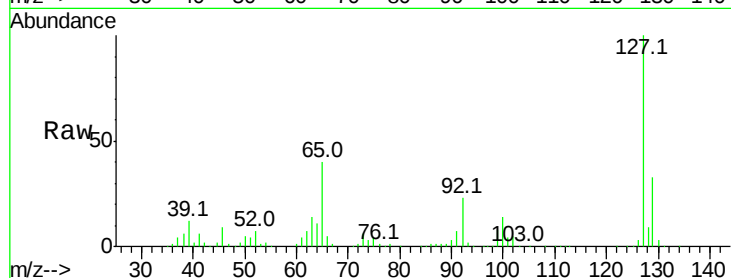
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 40.0 25.8 38.8#

92 22.6 16.1 24.1

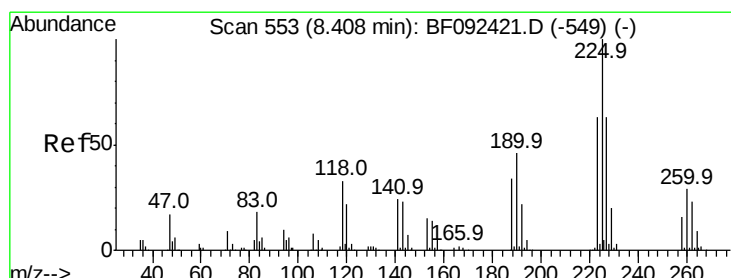
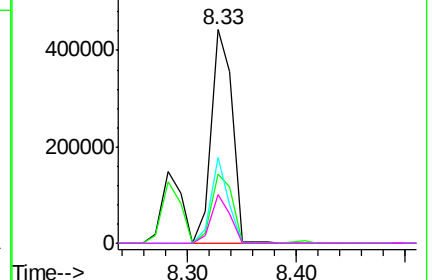
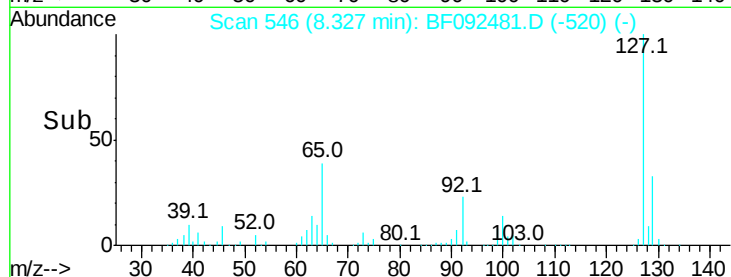


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.65 ng

RT: 8.41 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

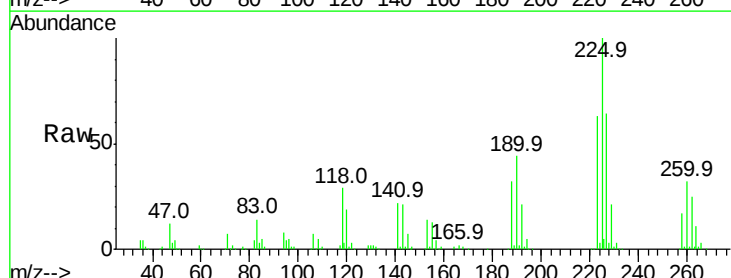
Tgt Ion:225 Resp: 253218

Ion Ratio Lower Upper

225 100

223 63.1 51.0 76.6

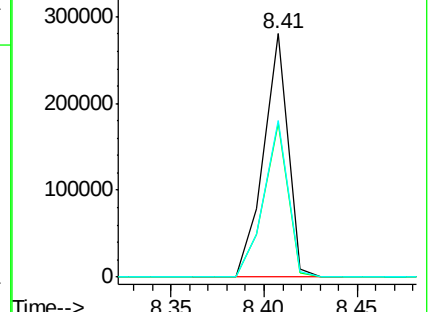
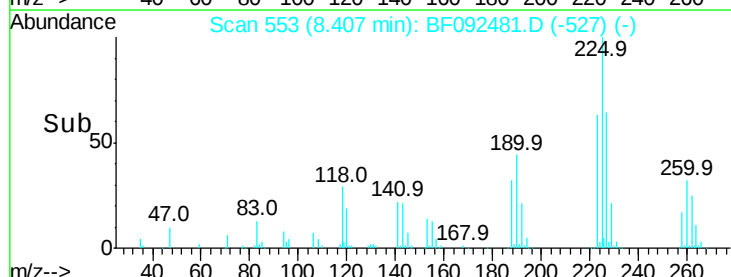
227 64.4 50.6 76.0

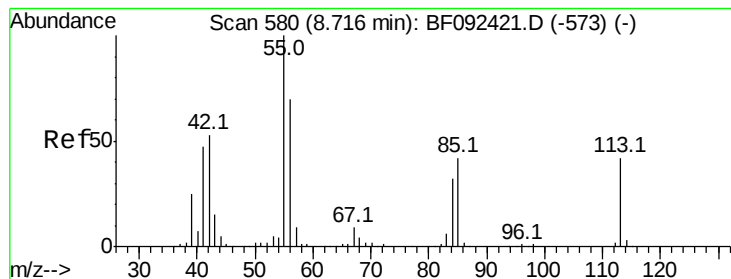


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.24 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

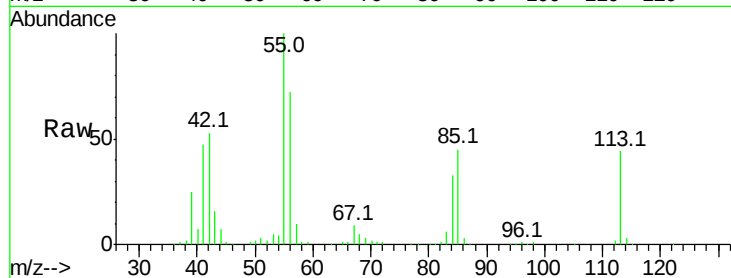
Tot Ion:113 Resp: 131058

Ion Ratio Lower Upper

113 100

55 226.8 119.2 159.2#

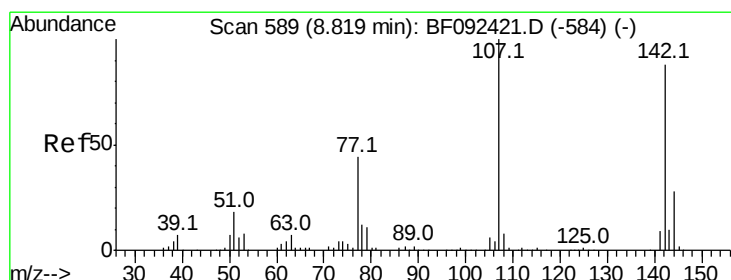
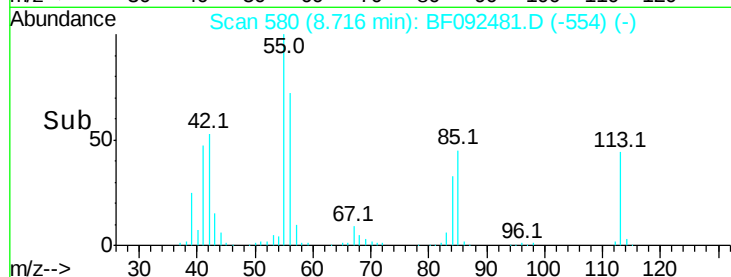
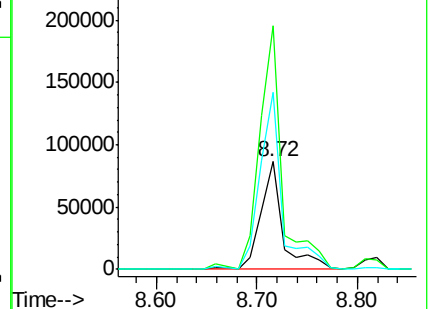
56 164.4 83.8 123.8#



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: 42.44 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

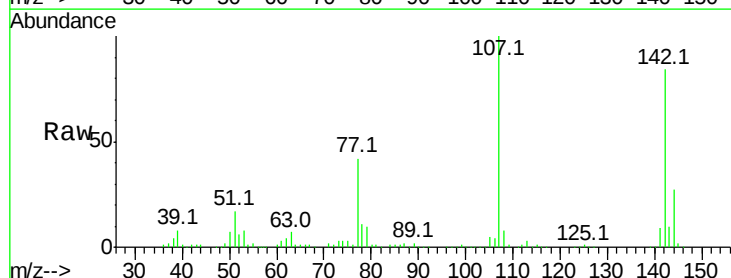
Tgt Ion:107 Resp: 482295

Ion Ratio Lower Upper

107 100

144 27.5 19.3 28.9

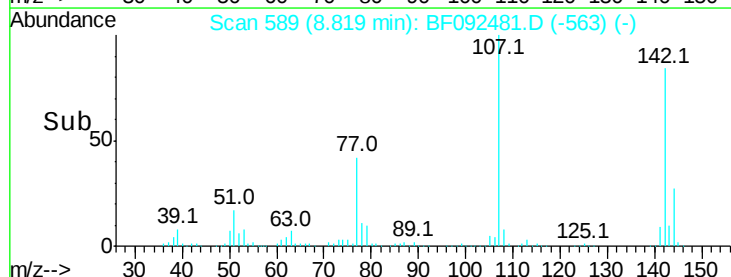
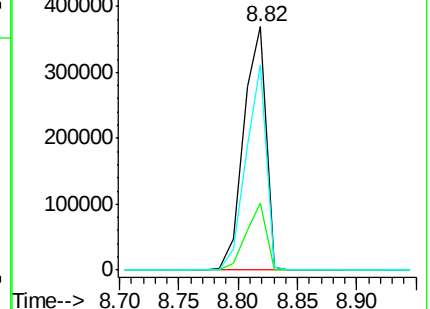
142 84.0 59.0 88.6

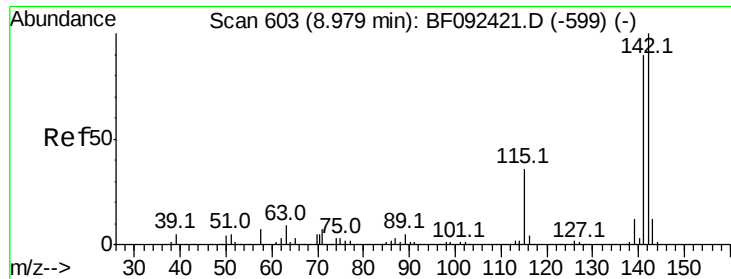


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

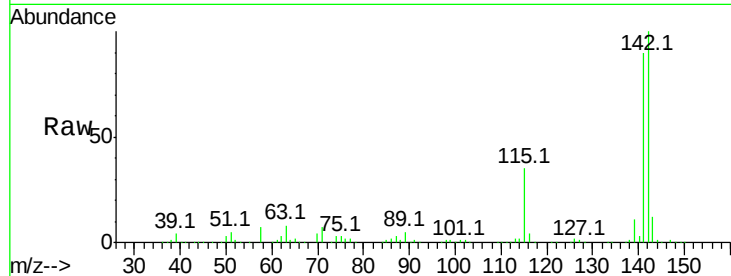




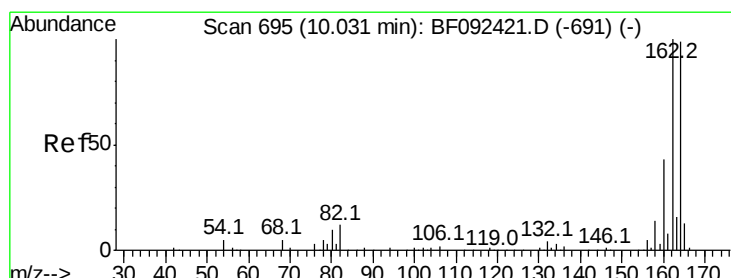
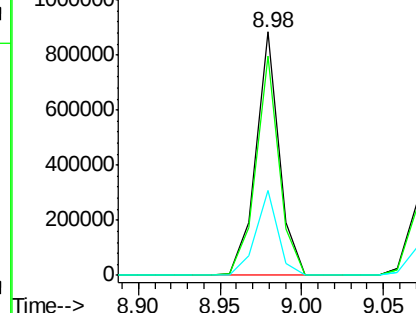
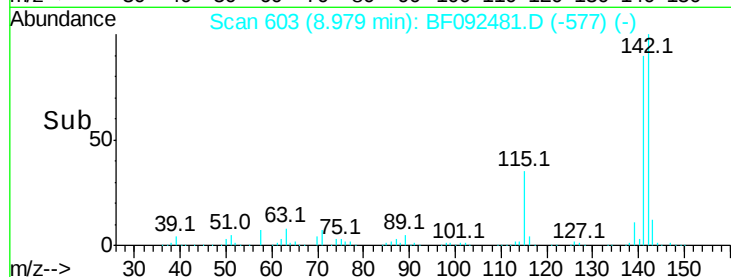
#37
2-Methylnaphthalene
Concen: 37.08 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 873652
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6
115 34.8 28.3 42.5

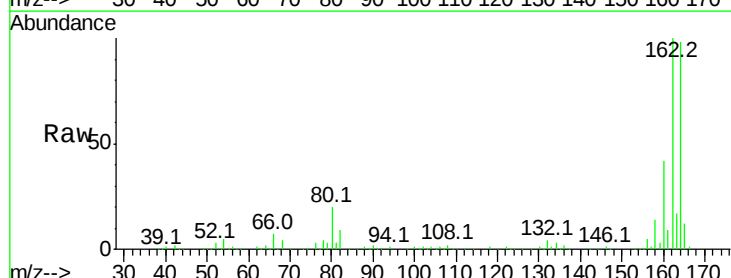


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

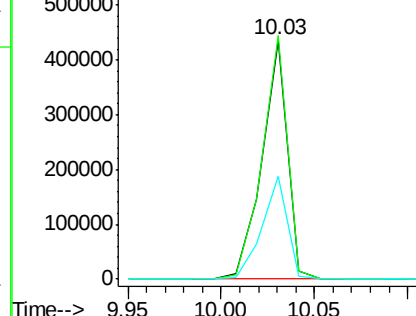
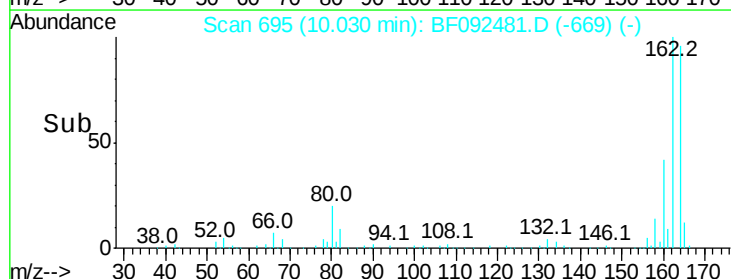


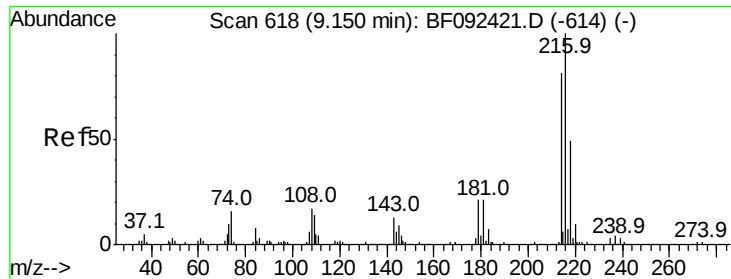
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:164 Resp: 414554
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 43.1 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

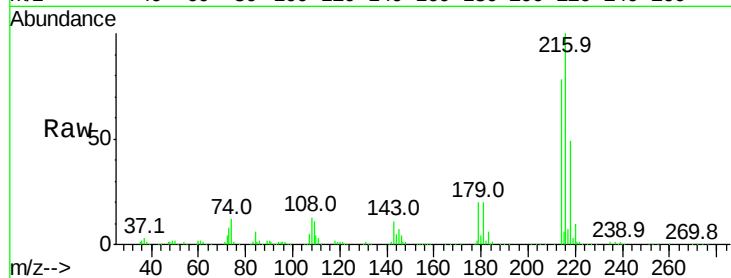




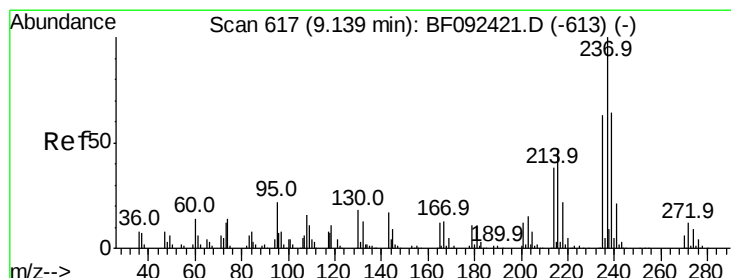
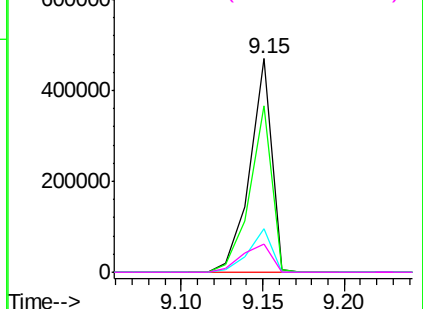
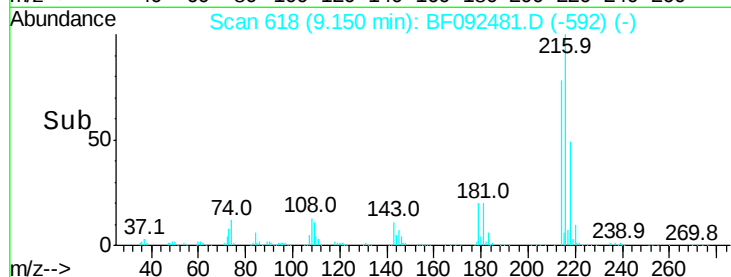
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.80 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	437068
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.0
179	21.3	17.4	26.2
108	18.3	15.6	23.4

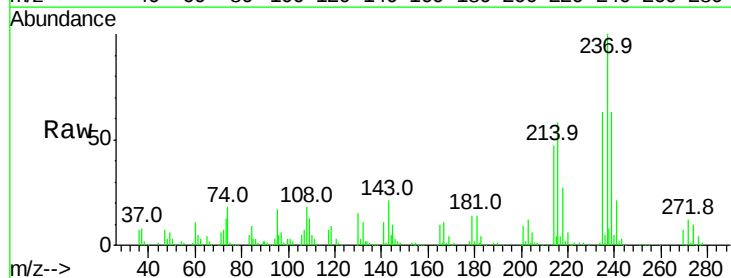


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

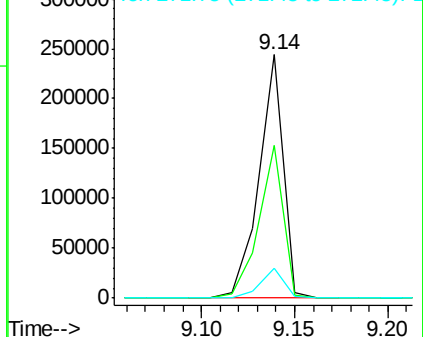
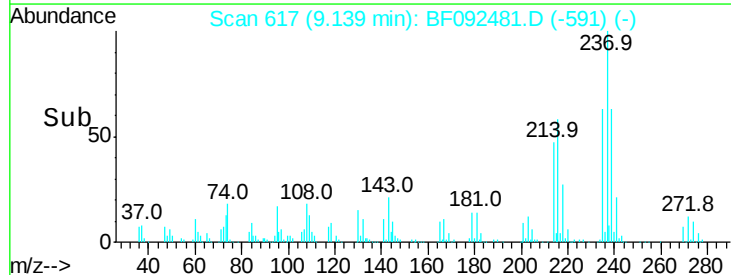


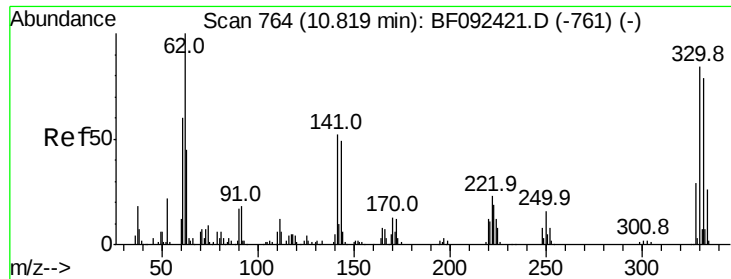
#40
 Hexachlorocyclopentadiene
 Concen: 42.46 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Tgt Ion:	237	Resp:	222373
Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.2	81.2
272	12.0	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

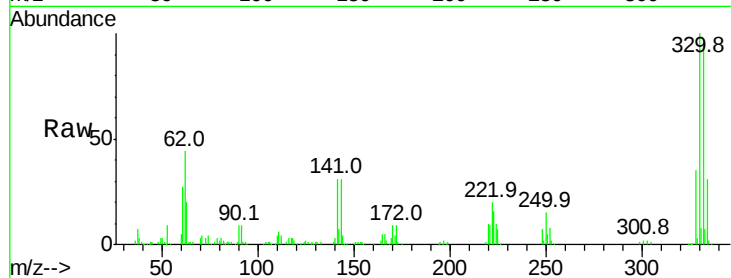




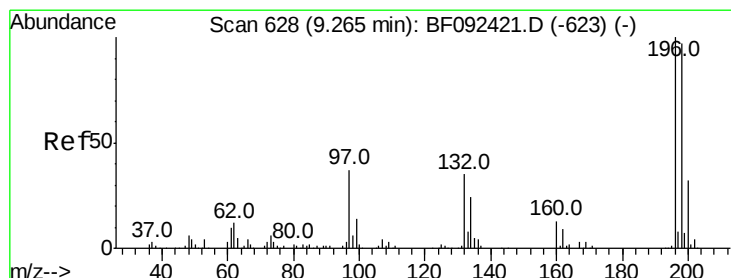
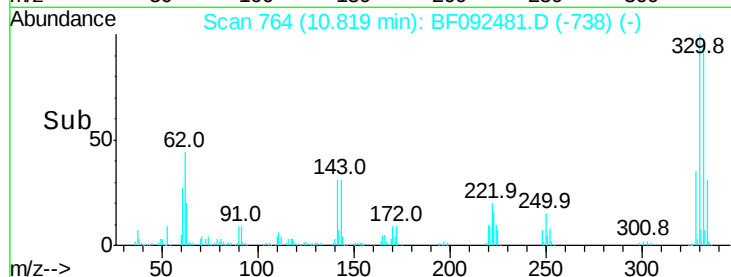
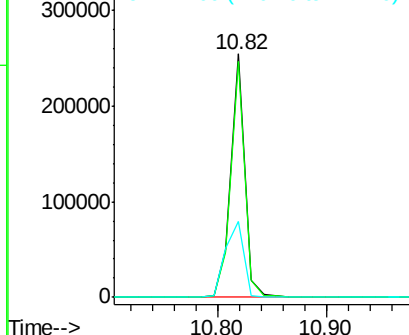
#41
 2,4,6-Tribromophenol
 Concen: 80.28 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	41.5	34.1	51.1

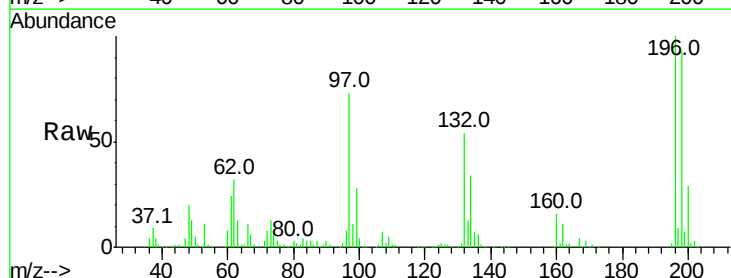


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

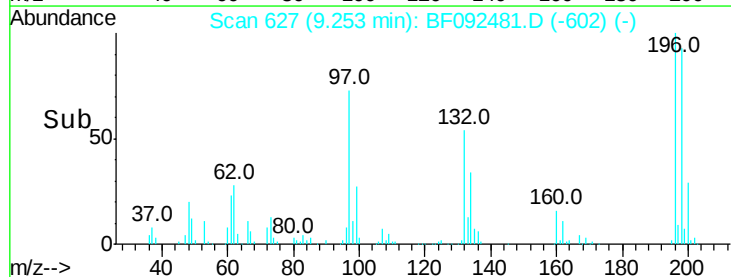
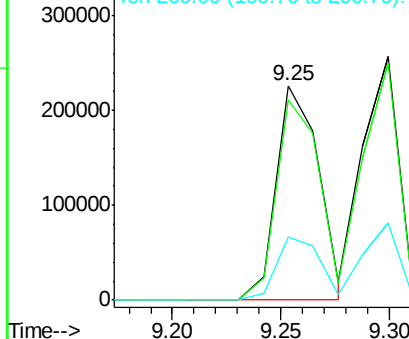


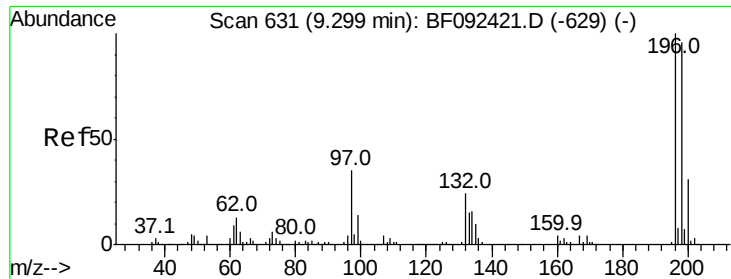
#42
 2,4,6-Trichlorophenol
 Concen: 38.57 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	82.1	123.1
200	29.4	27.0	40.4



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

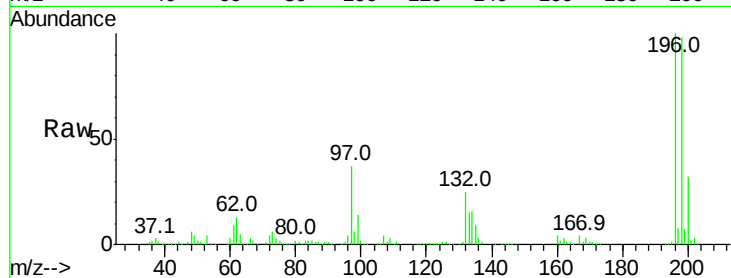




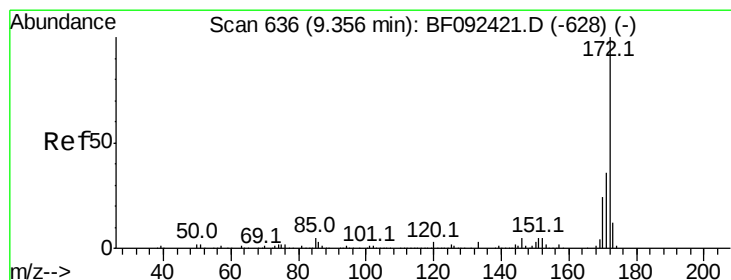
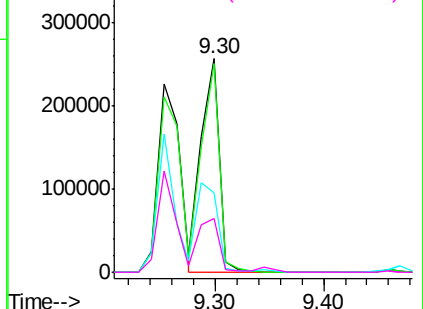
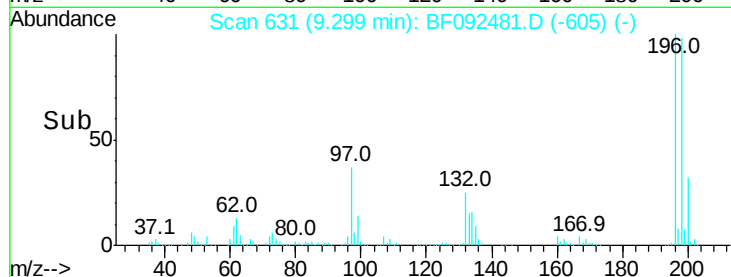
#43
 2,4,5-Trichlorophenol
 Concen: 41.08 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	79.4	119.2
97	37.4	51.5	77.3#
132	25.0	27.4	41.2#

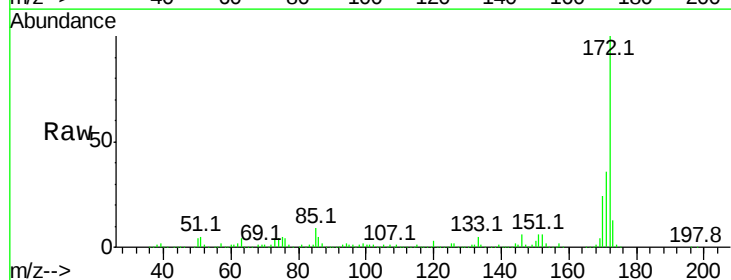


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

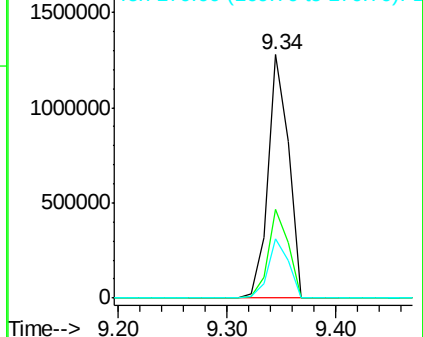
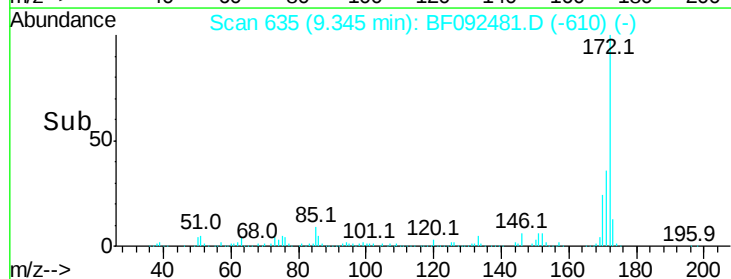


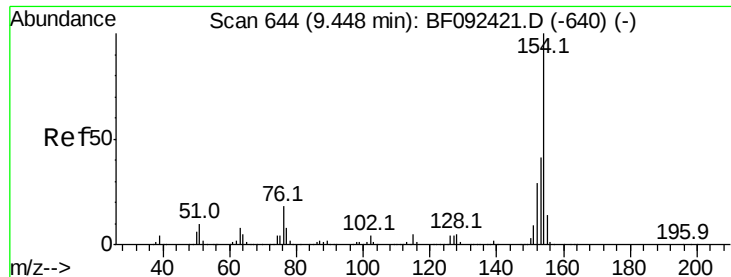
#44
 2-Fluorobiphenyl
 Concen: 74.76 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.4	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: 35.18 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

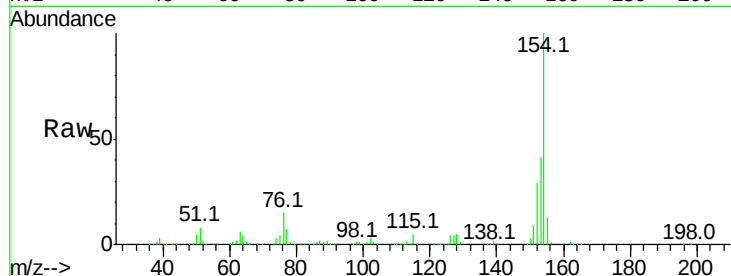
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1054366

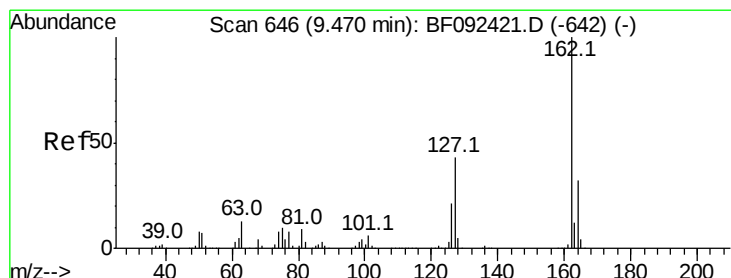
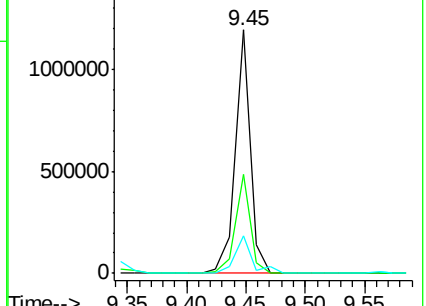
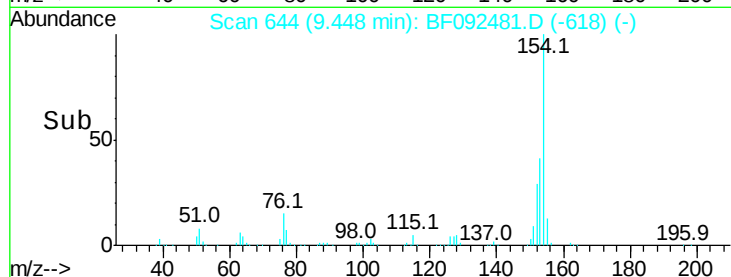
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	15.2	0.0	30.5



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: 34.82 ng

RT: 9.47 min Scan# 646

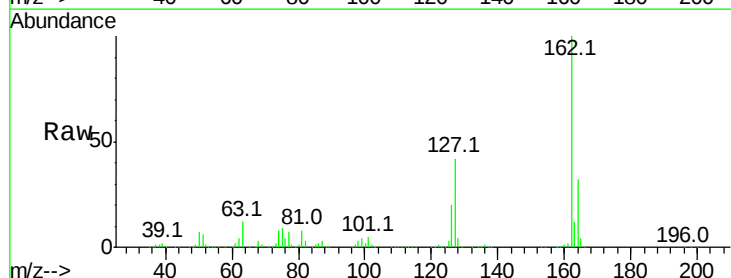
Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Tgt Ion:162 Resp: 852368

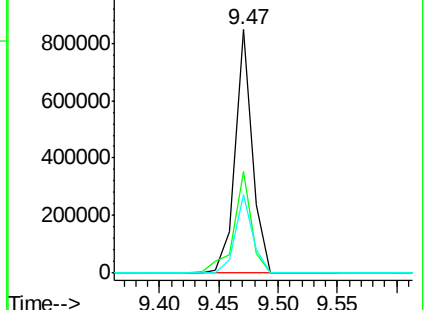
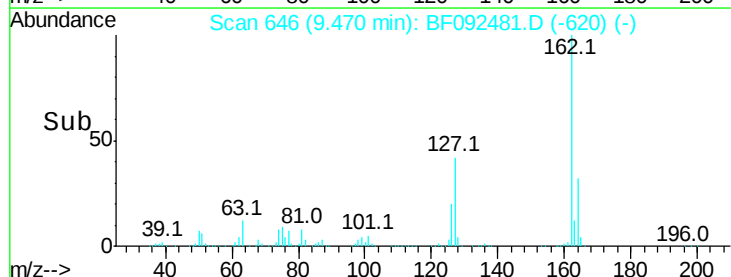
Ion	Ratio	Lower	Upper
162	100		
127	41.6	30.7	46.1
164	32.4	27.6	41.4

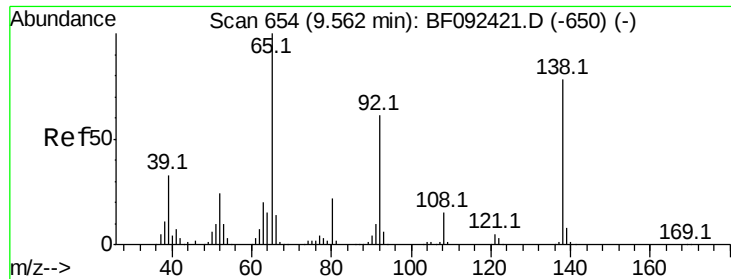


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.61 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

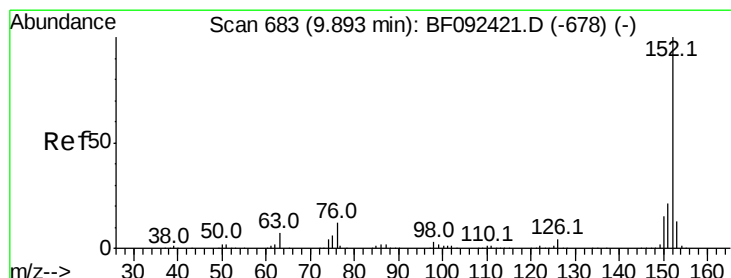
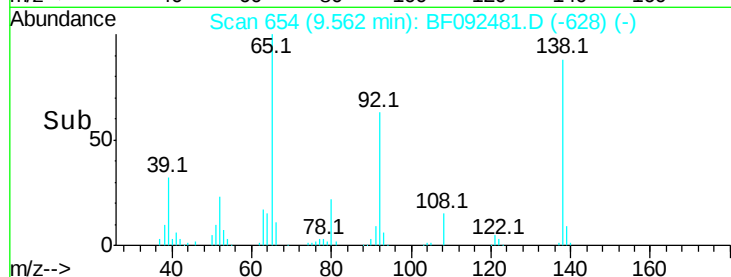
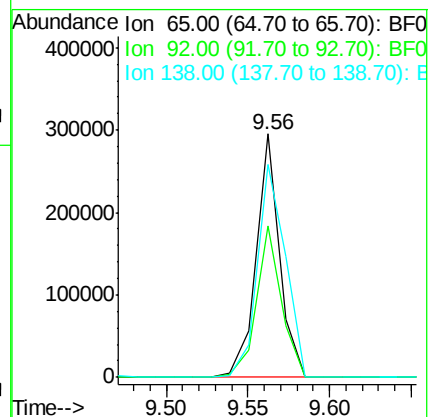
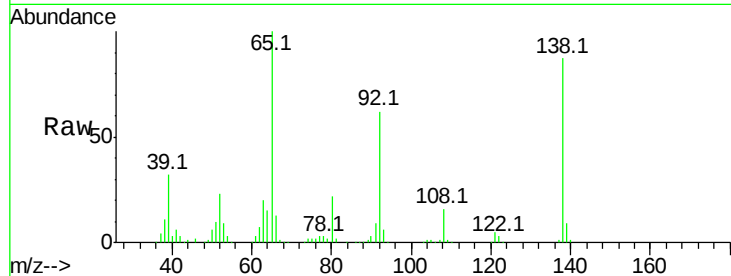
Tot Ion: 65 Resp: 293534

Ion Ratio Lower Upper

65 100

92 62.5 53.9 80.9

138 87.4 76.8 115.2



#48

Acenaphthylene

Concen: 40.87 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

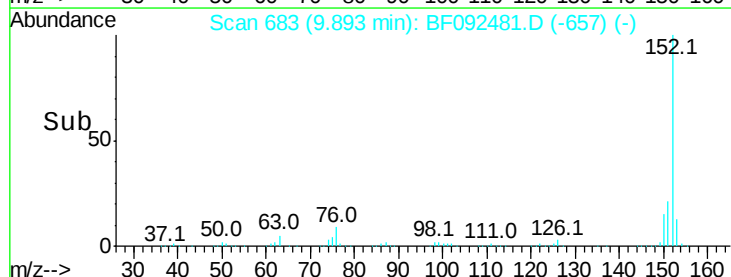
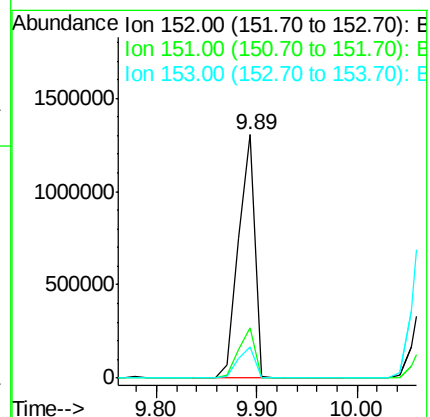
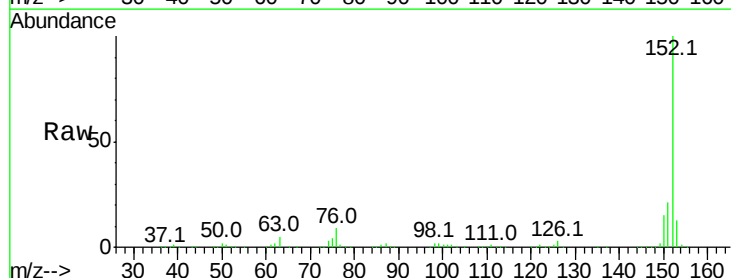
Tgt Ion:152 Resp: 1467150

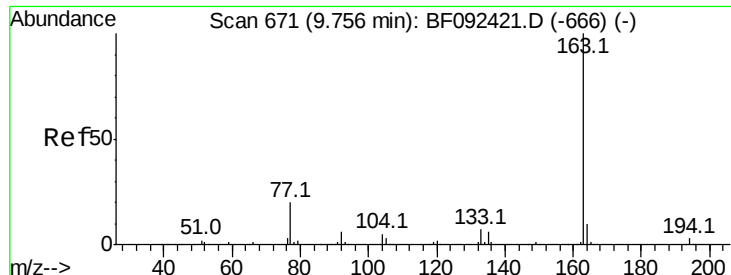
Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 12.9 11.4 17.2

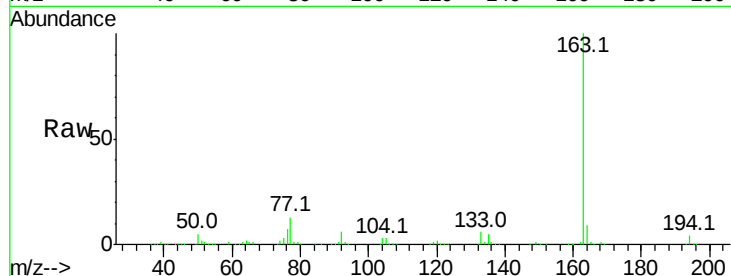




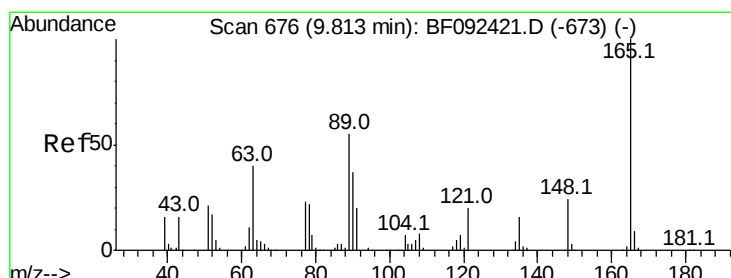
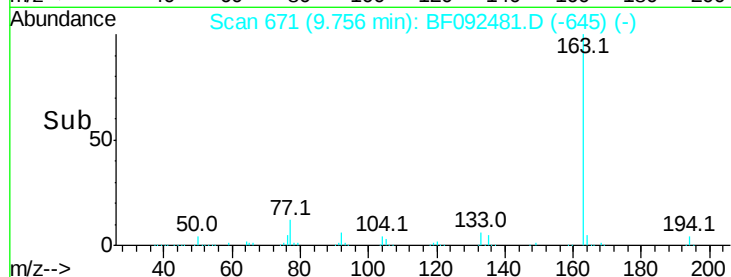
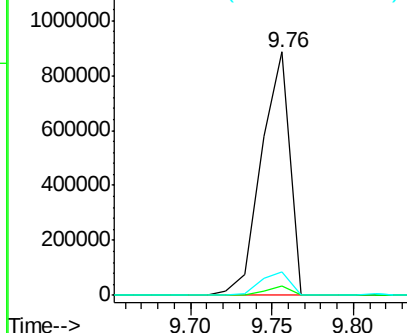
#49
Dimethylphthalate
Concen: 40.43 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1065939
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 9.5 8.0 12.0

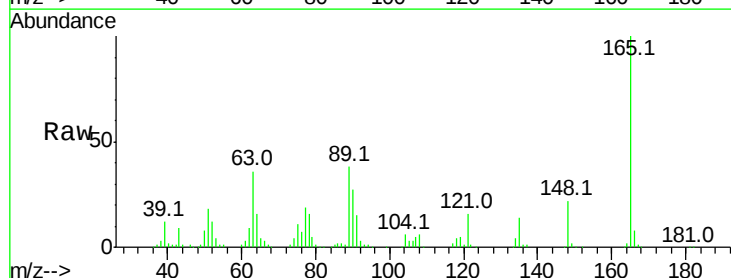


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

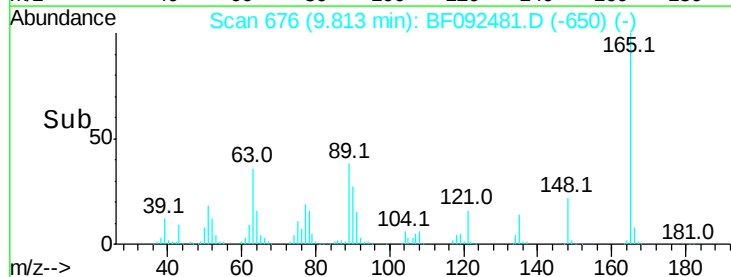
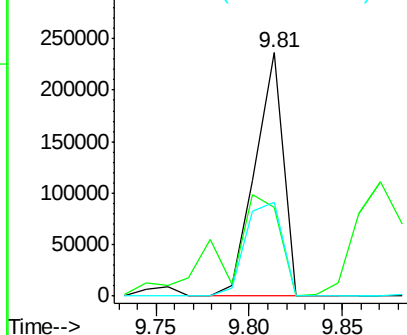


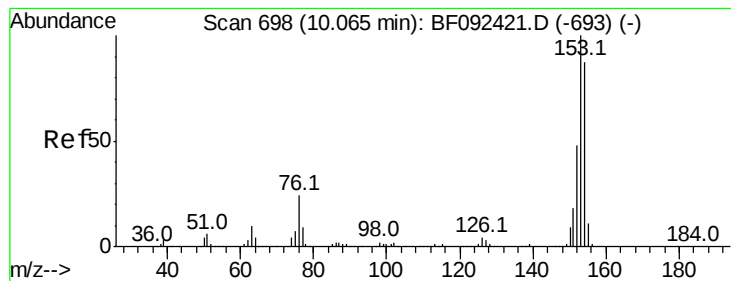
#50
2,6-Dinitrotoluene
Concen: 45.72 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:165 Resp: 246367
Ion Ratio Lower Upper
165 100
63 36.3 36.2 54.4
89 38.4 40.2 60.4#



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





#51

Acenaphthene

Concen: 40.98 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

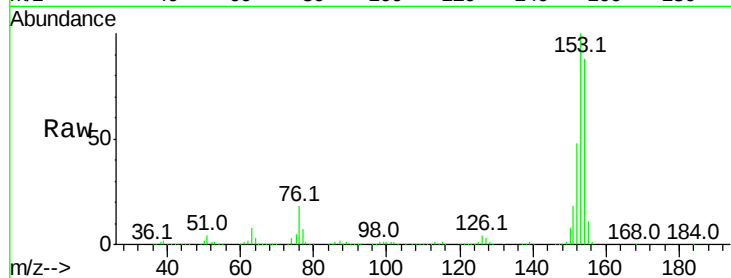
Tot Ion:154 Resp: 914182

Ion Ratio Lower Upper

154 100

153 113.3 88.6 133.0

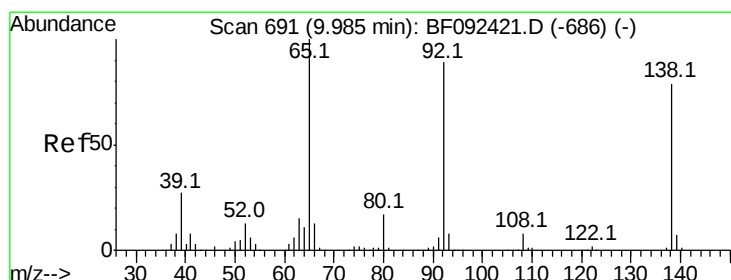
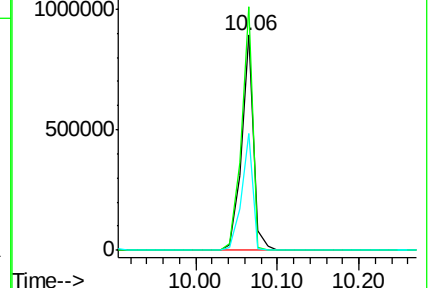
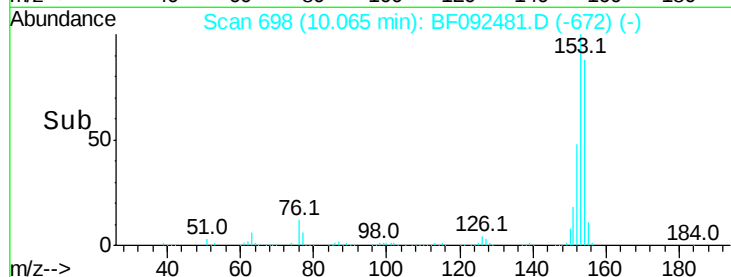
152 54.7 41.6 62.4



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: 39.02 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

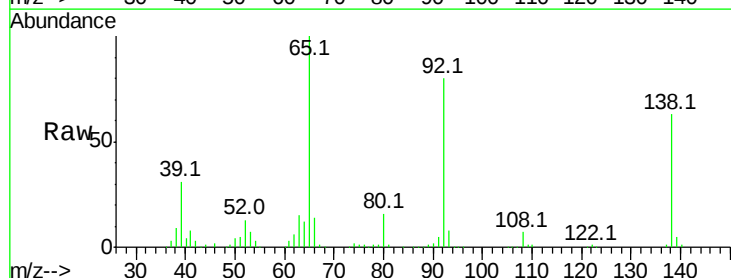
Tgt Ion:138 Resp: 263343

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

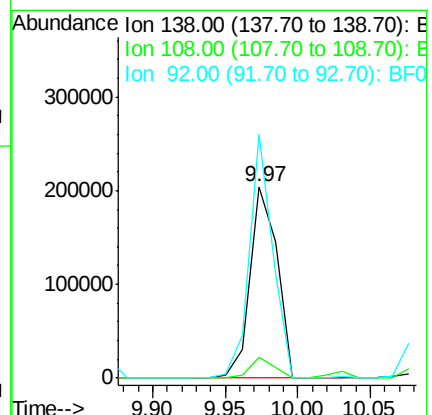
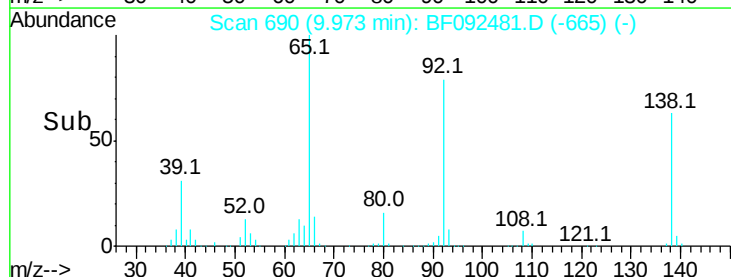
92 127.0 97.8 146.8

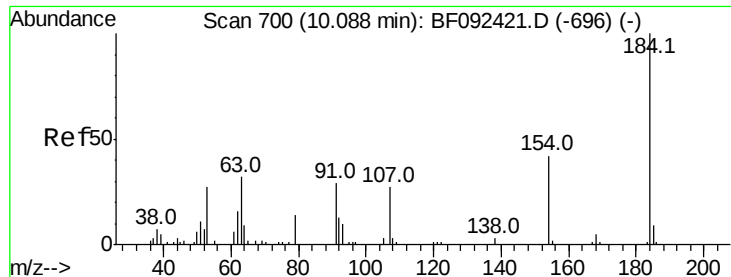


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

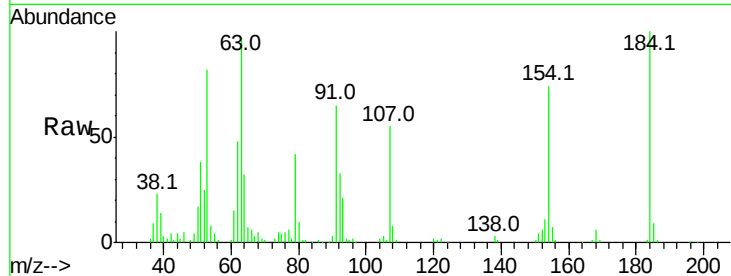




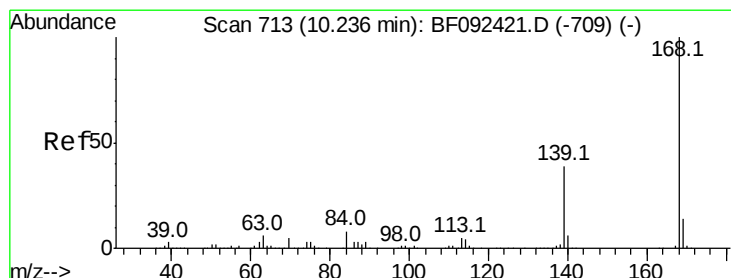
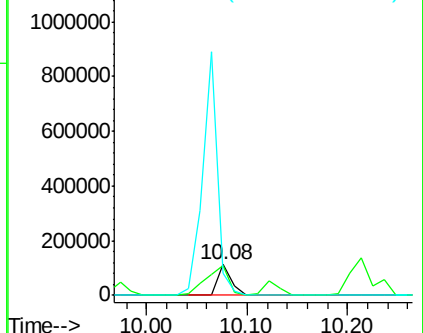
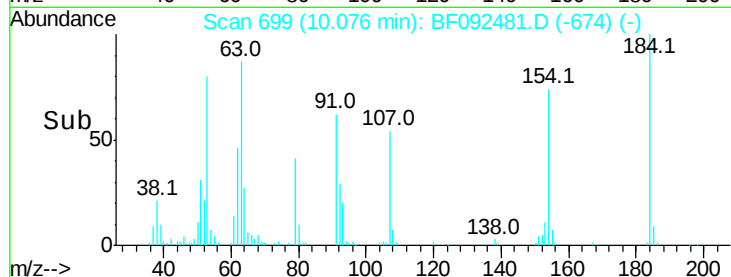
#53
2,4-Dinitrophenol
Concen: 42.47 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 105522
Ion Ratio Lower Upper
184 100
63 97.0 28.4 42.6#
154 73.5 44.3 66.5#

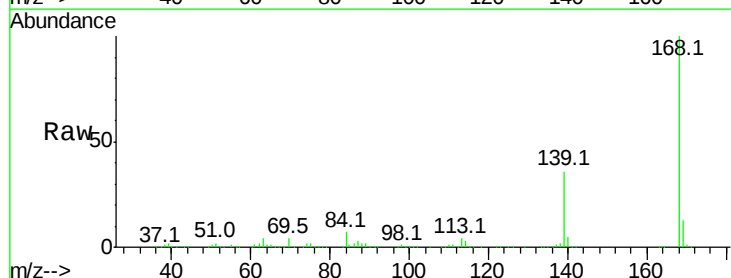


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

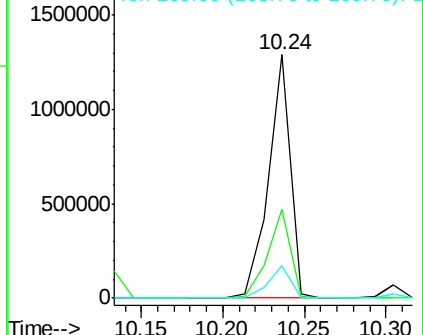
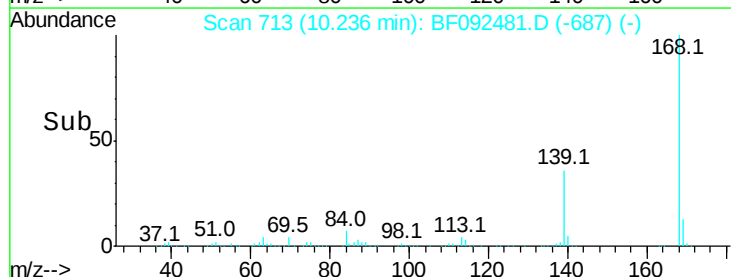


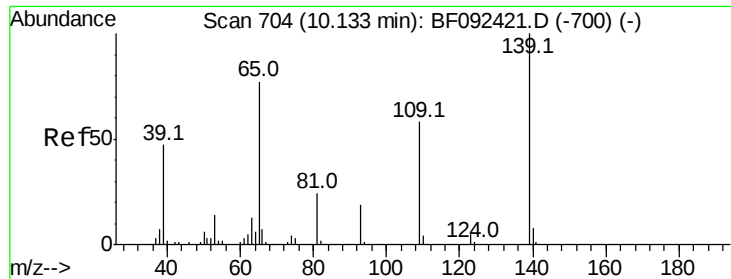
#54
Dibenzofuran
Concen: 39.71 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:168 Resp: 1202821
Ion Ratio Lower Upper
168 100
139 36.3 32.6 49.0
169 13.4 11.3 16.9



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

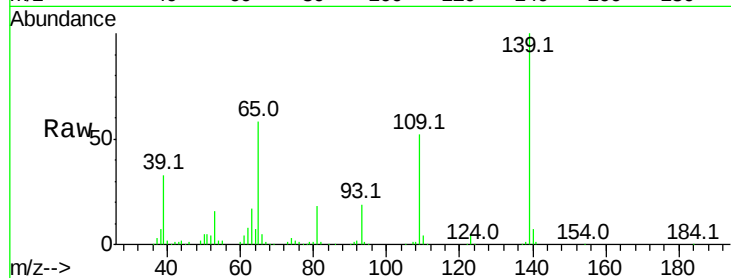




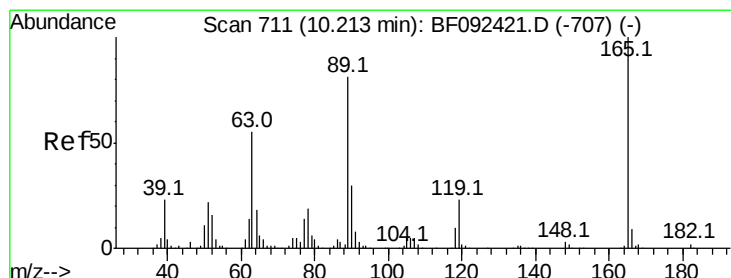
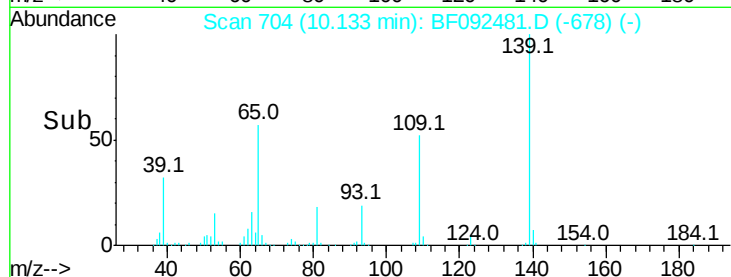
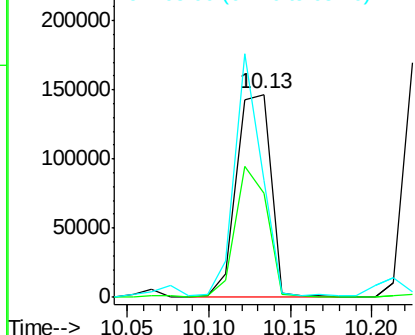
#55
4-Nitrophenol
Concen: 40.08 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 214815
Ion Ratio Lower Upper
139 100
109 51.6 52.2 92.2#
65 57.6 85.8 125.8#



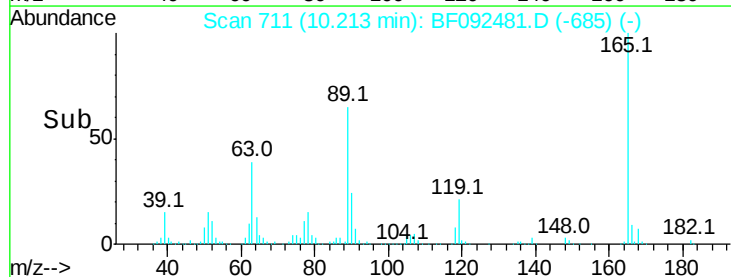
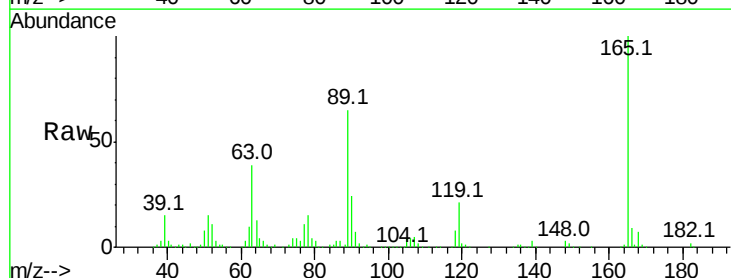
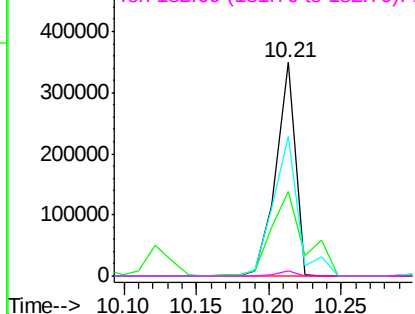
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

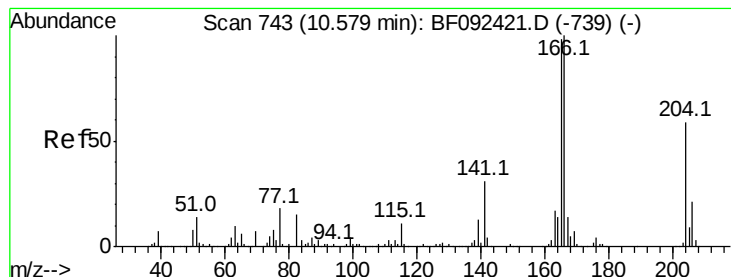


#56
2,4-Dinitrotoluene
Concen: 45.68 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:165 Resp: 326713
Ion Ratio Lower Upper
165 100
63 39.3 40.2 60.4#
89 65.1 62.5 93.7
182 2.3 1.8 2.8

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





#57

Fluorene

Concen: 41.01 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

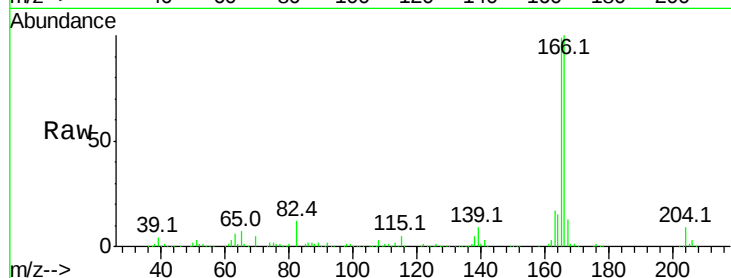
Tot Ion:166 Resp: 921194

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

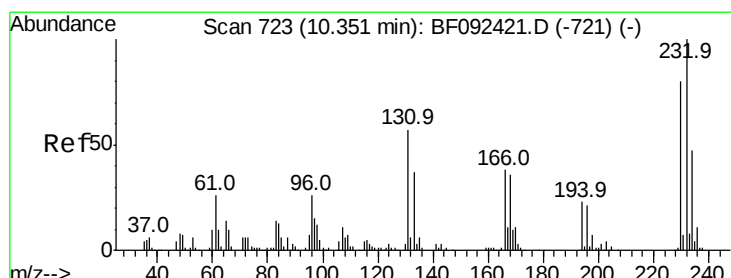
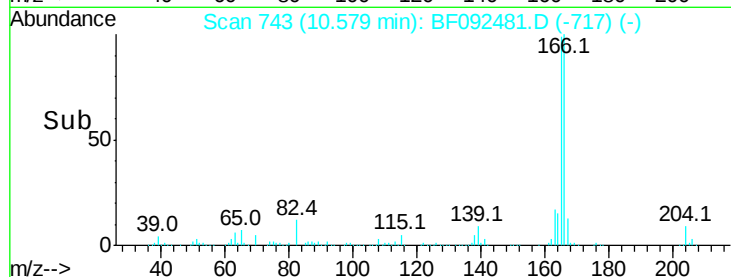
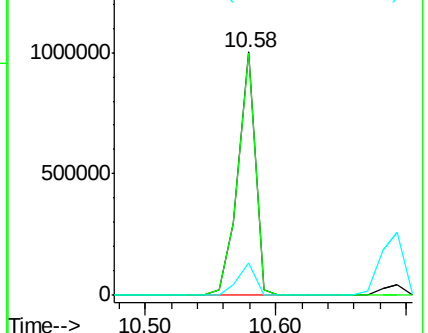
167 13.3 10.8 16.2



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: 42.84 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Tgt Ion:232 Resp: 235275

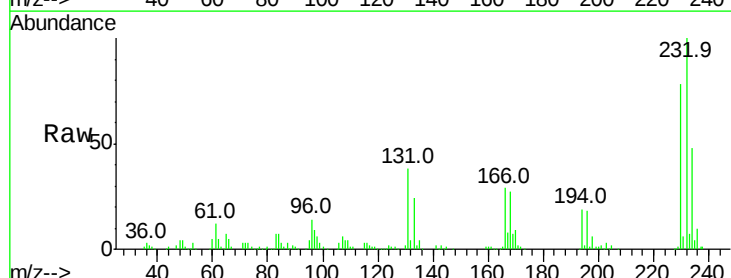
Ion Ratio Lower Upper

232 100

131 46.0 40.1 60.1

130 2.2 1.8 2.8

166 31.5 26.6 39.8

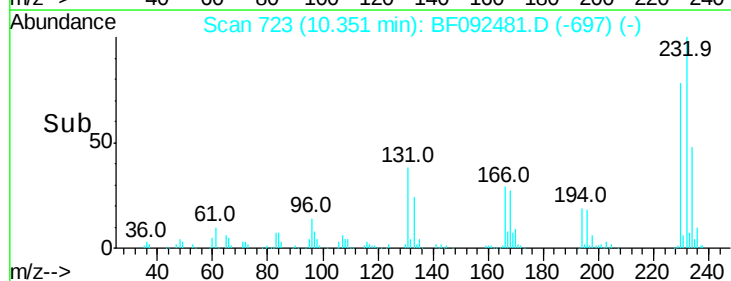
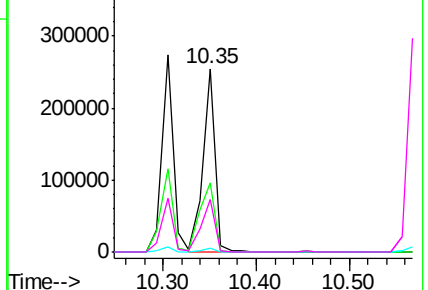


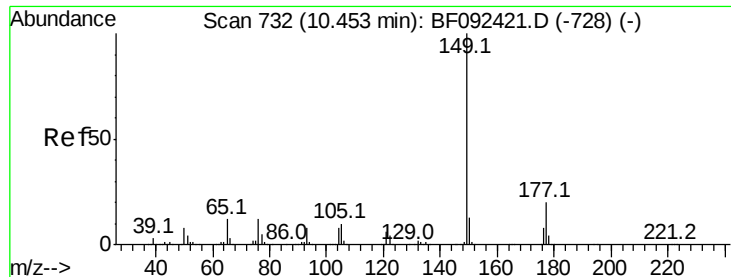
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

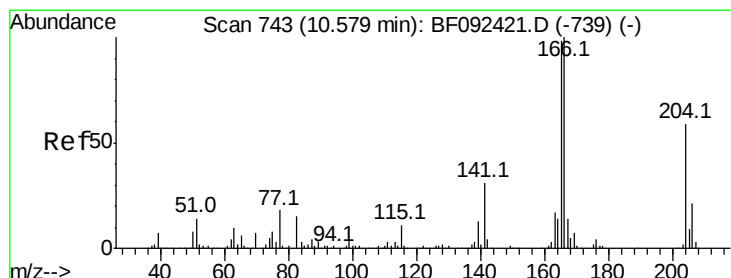
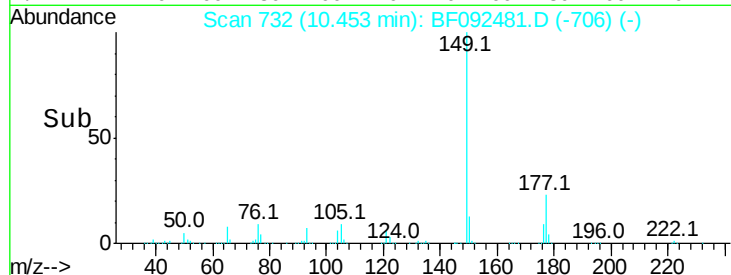
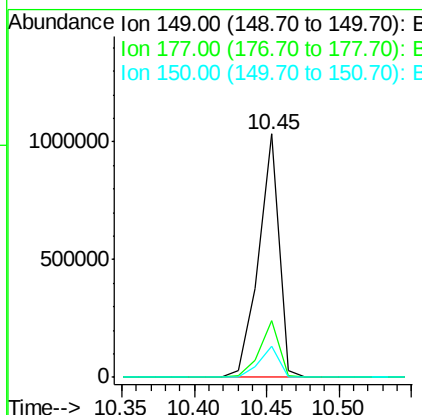
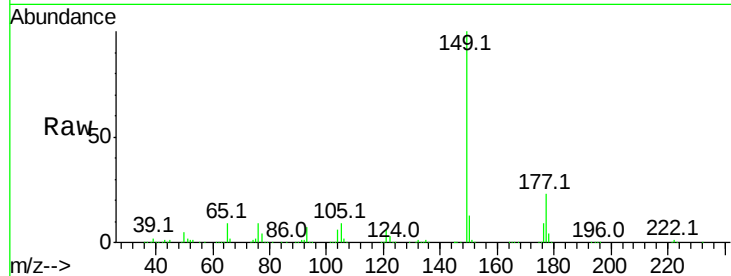




#59
Diethylphthalate
Concen: 39.82 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

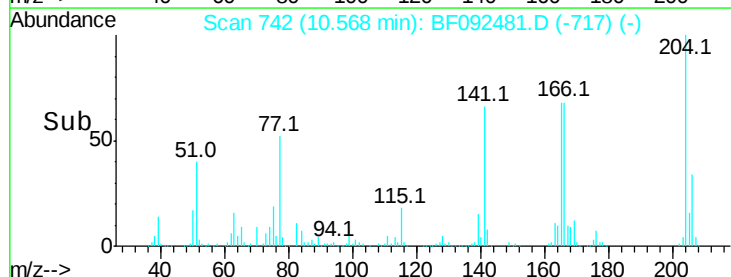
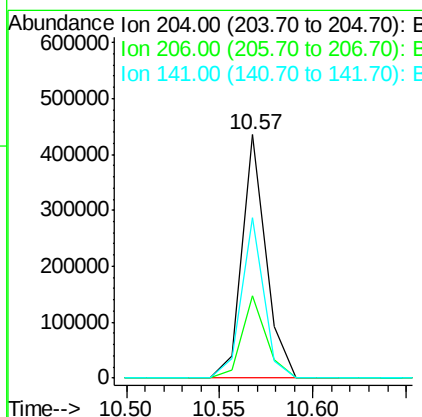
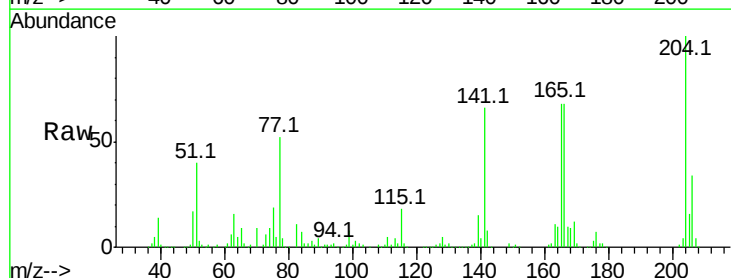
Instrument :
BNA_F
ClientSampled :

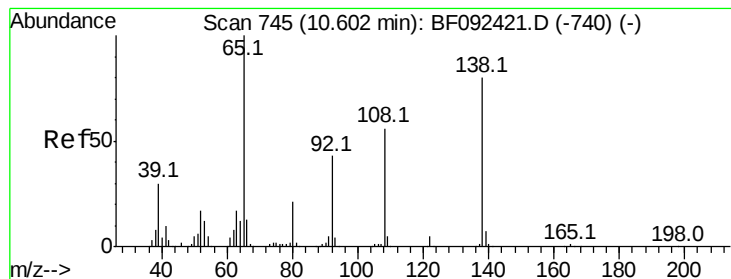
Tot Ion:149 Resp: 1006644
Ion Ratio Lower Upper
149 100
177 23.1 16.6 25.0
150 12.8 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 35.78 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:204 Resp: 389749
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 66.1 59.4 89.0





#61

4-Nitroaniline

Concen: 41.28 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampled :

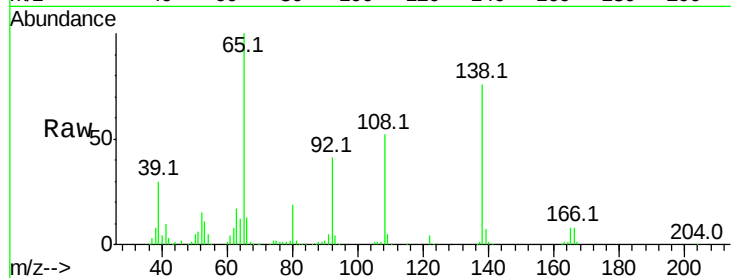
Tot Ion:138 Resp: 278647

Ion Ratio Lower Upper

138 100

92 54.3 31.7 71.7

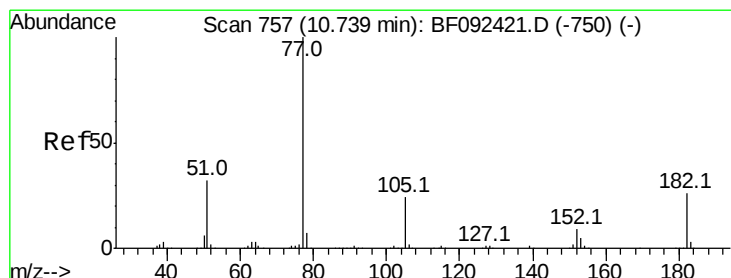
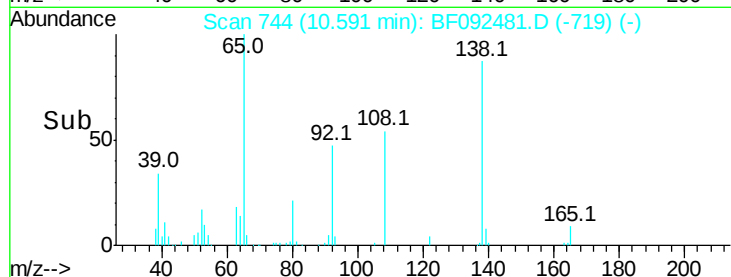
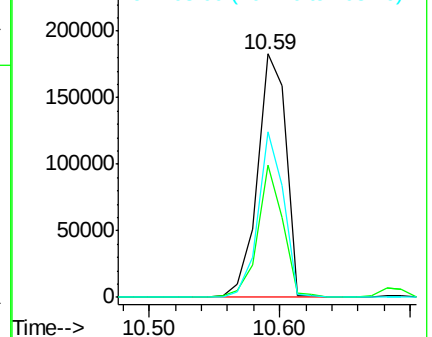
108 68.0 52.6 92.6



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: 35.62 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Tgt Ion: 77 Resp: 1024535

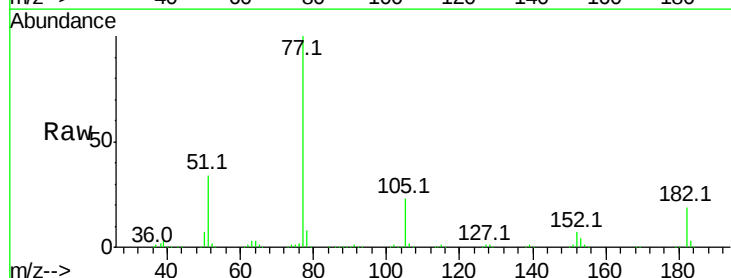
Ion Ratio Lower Upper

77 100

182 19.5 0.0 39.3

105 22.5 2.3 42.3

51 33.8 8.9 48.9

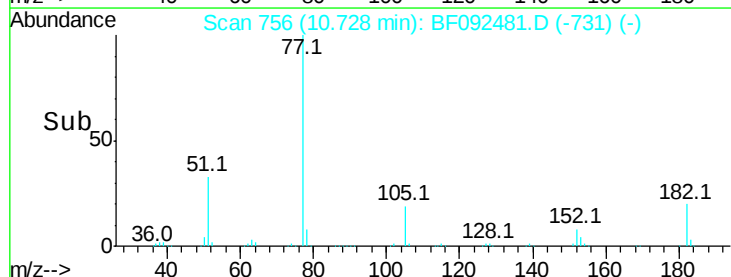
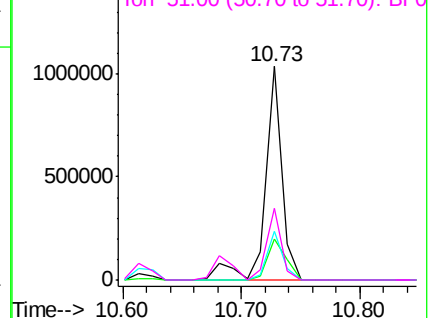


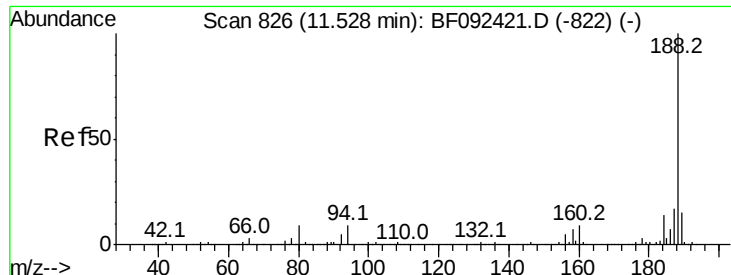
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

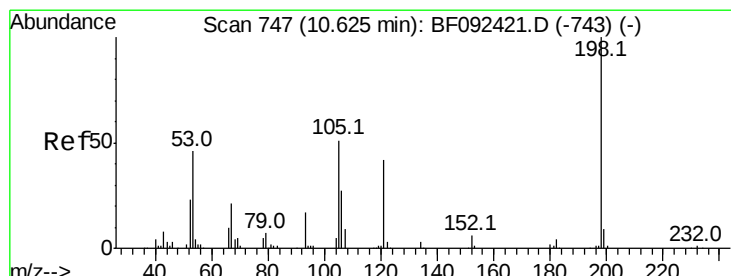
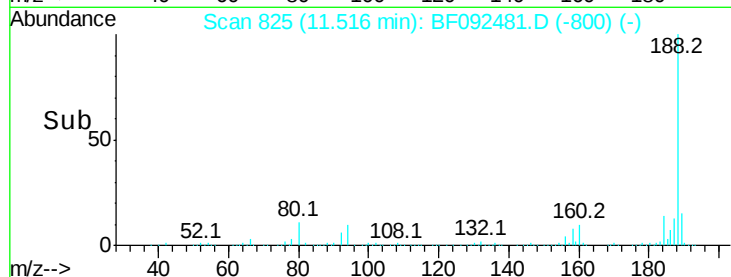
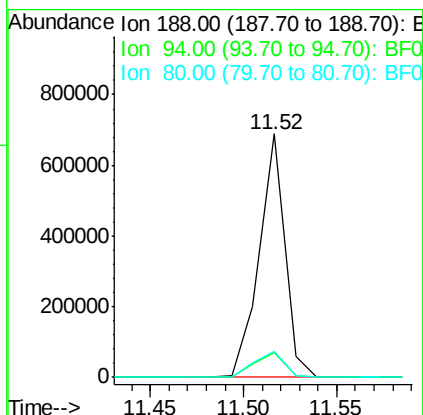
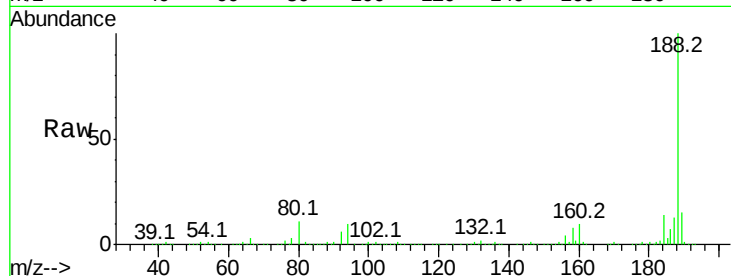




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

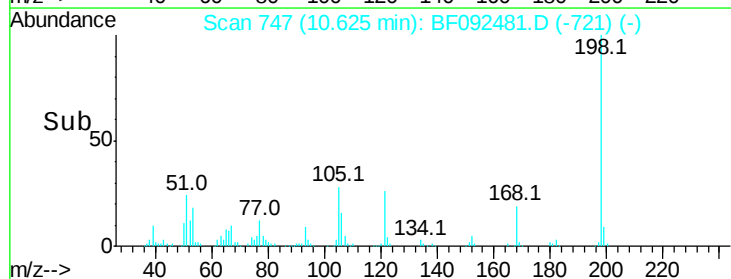
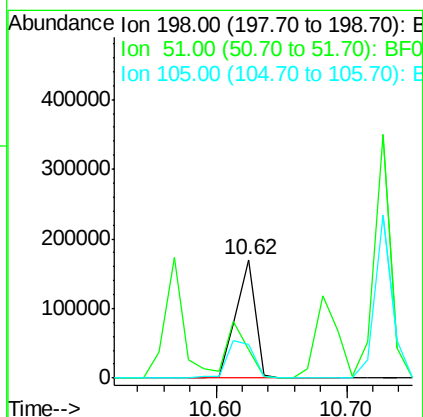
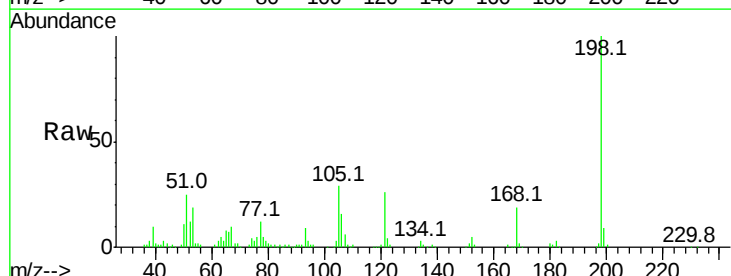
Instrument :
 BNA_F
 ClientSampleId :

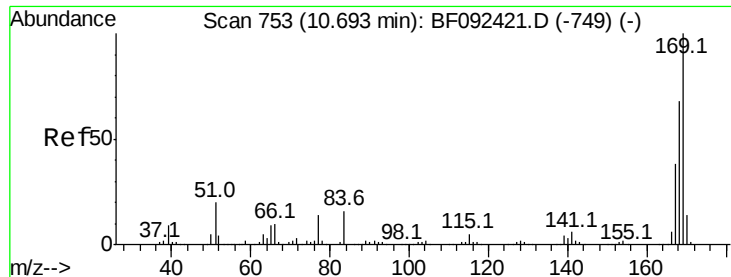
Tot Ion:188 Resp: 656242
 Ion Ratio Lower Upper
 188 100
 94 10.2 10.0 15.0
 80 10.6 11.2 16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 49.48 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Tgt Ion:198 Resp: 175562
 Ion Ratio Lower Upper
 198 100
 51 24.6 6.7 46.7
 105 28.6 16.6 56.6

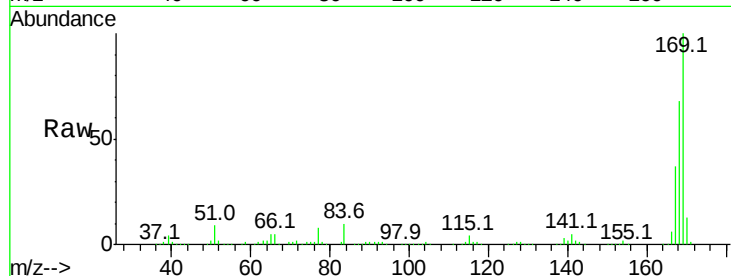




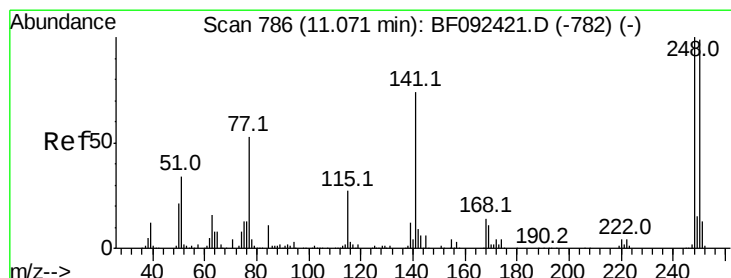
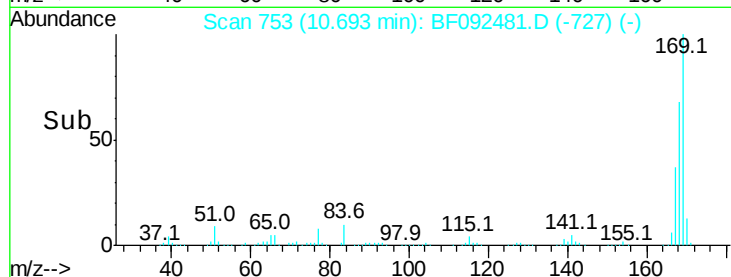
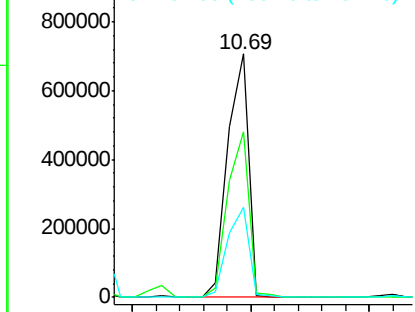
#65
 n-Nitrosodiphenylamine
 Concen: 41.93 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 859245
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.2 81.2
 167 37.1 30.2 45.4

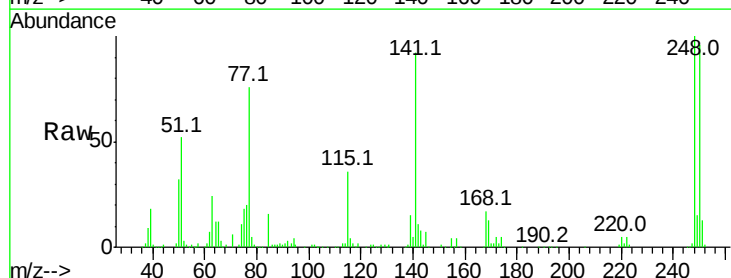


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

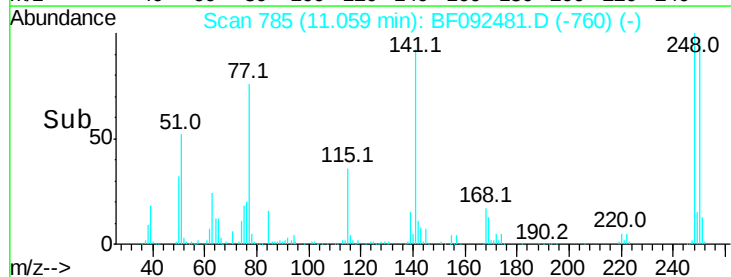
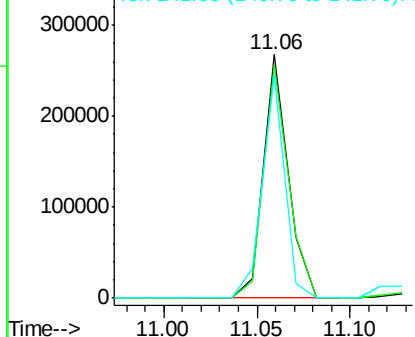


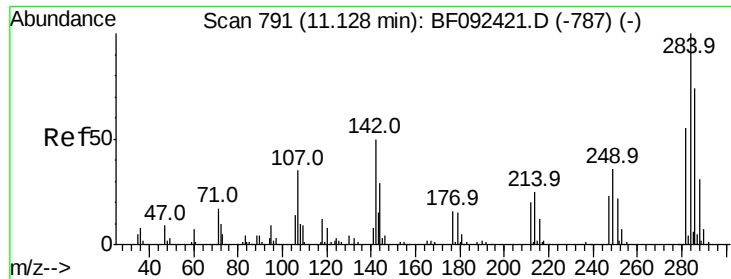
#66
 4-Bromophenyl-phenylether
 Concen: 36.90 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Tgt Ion:248 Resp: 244512
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.9 115.3
 141 91.5 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

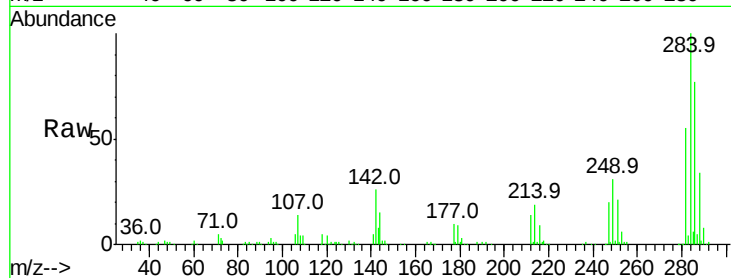




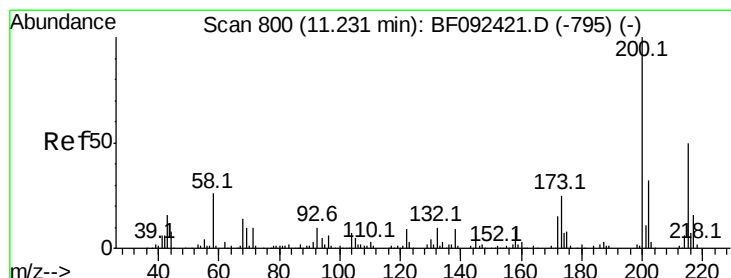
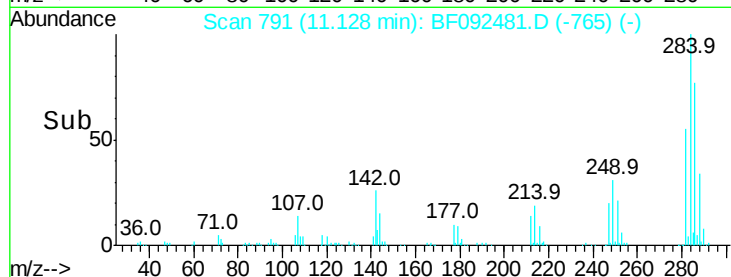
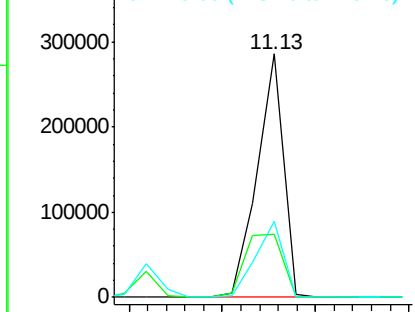
#67
Hexachlorobenzene
Concen: 41.50 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.9	22.6	33.8
249	31.4	25.4	38.0

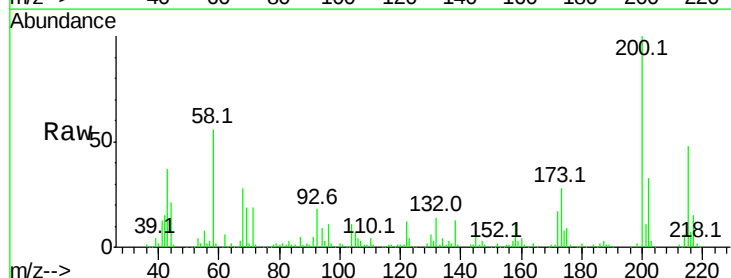


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

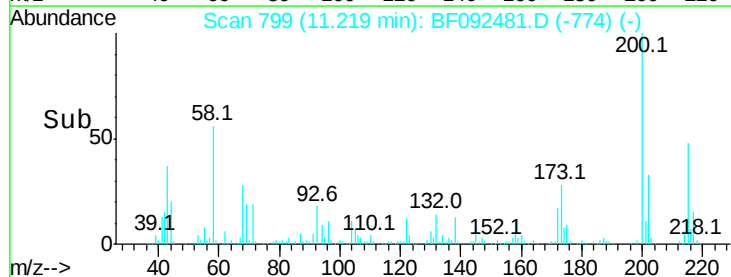
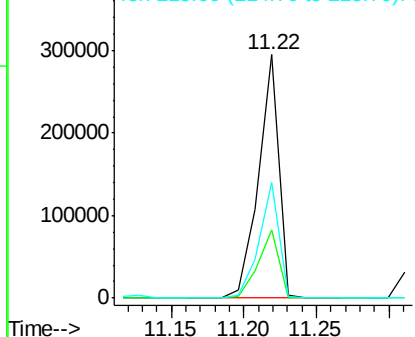


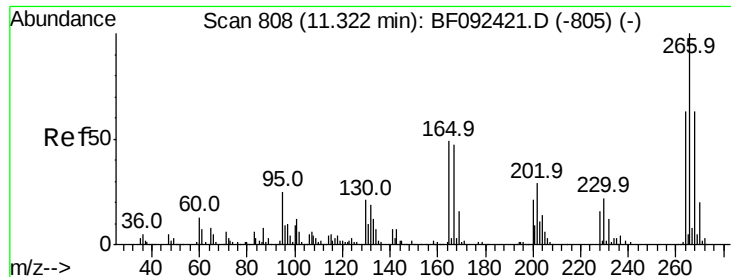
#68
Atrazine
Concen: 40.74 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	9.6	49.6
215	47.6	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

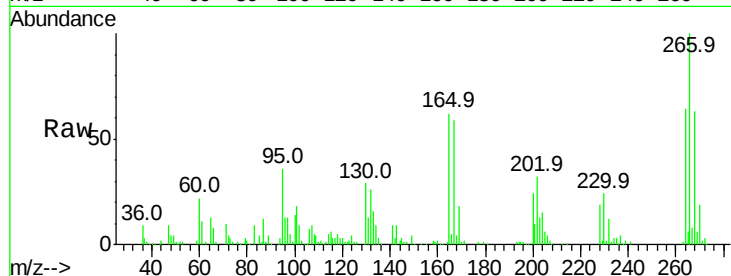




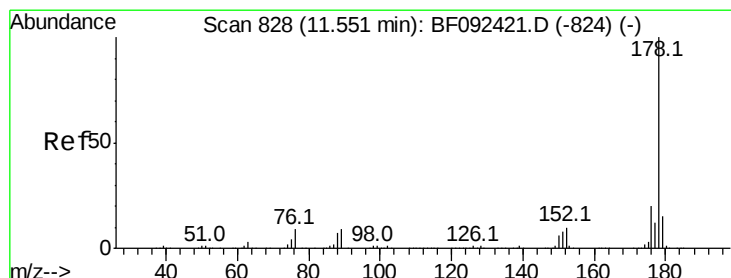
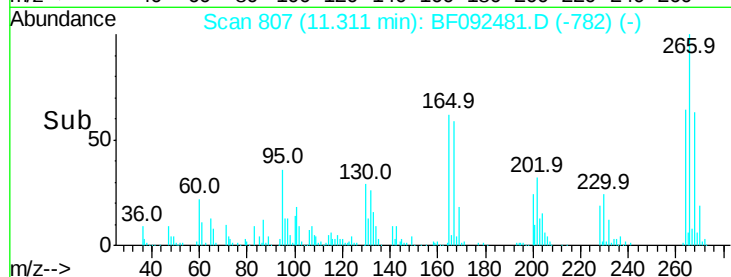
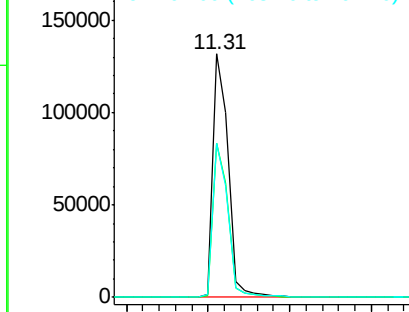
#69
 Pentachlorophenol
 Concen: 40.52 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 173508
 Ion Ratio Lower Upper
 266 100
 268 63.3 53.3 79.9
 264 63.5 50.3 75.5

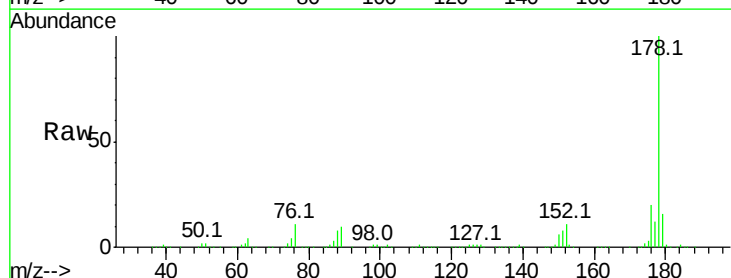


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

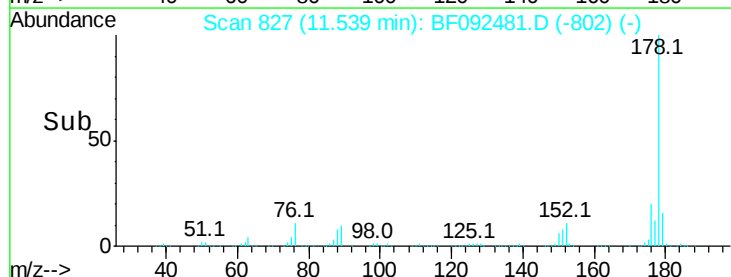
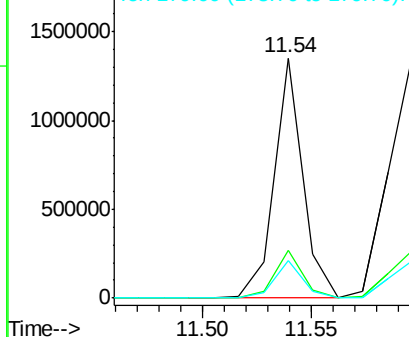


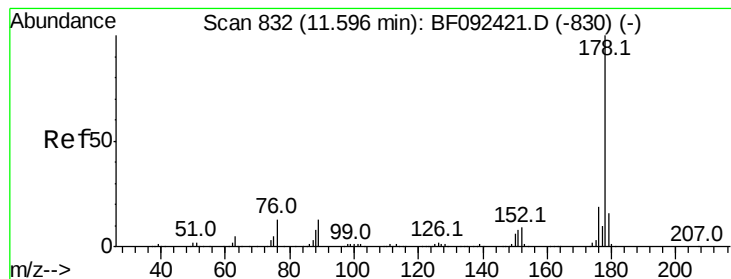
#70
 Phenanthrene
 Concen: 34.49 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Tgt Ion:178 Resp: 1246333
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.8 12.8 19.2



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





#71

Anthracene

Concen: 41.57 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

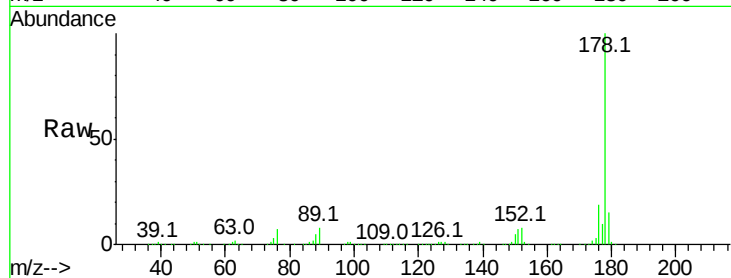
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1468111

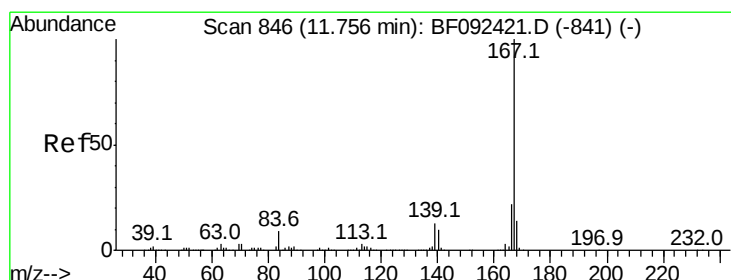
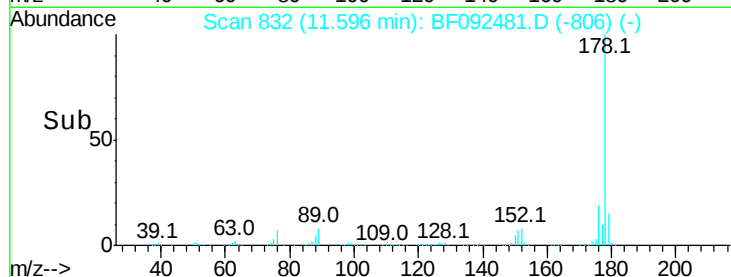
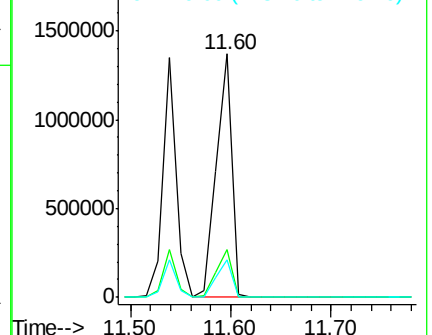
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.3	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.43 ng

RT: 11.74 min Scan# 845

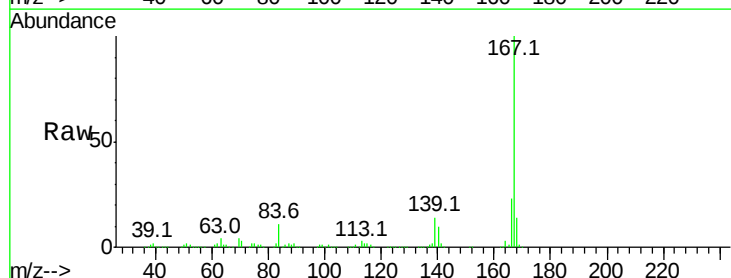
Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Tgt Ion:167 Resp: 1194741

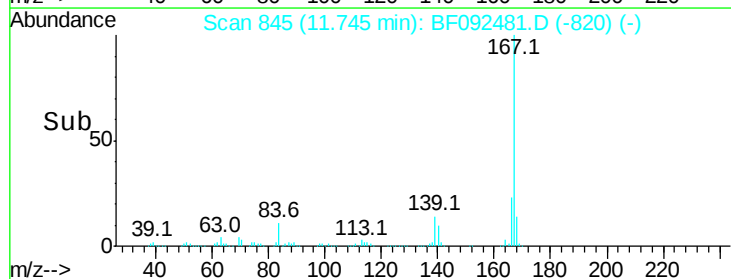
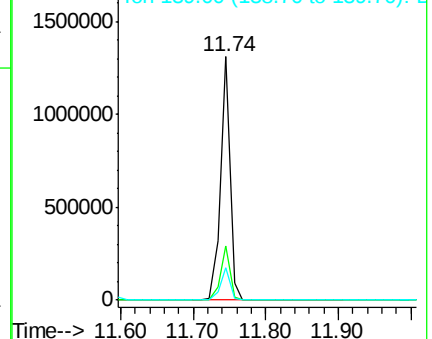
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	13.5	11.4	17.2

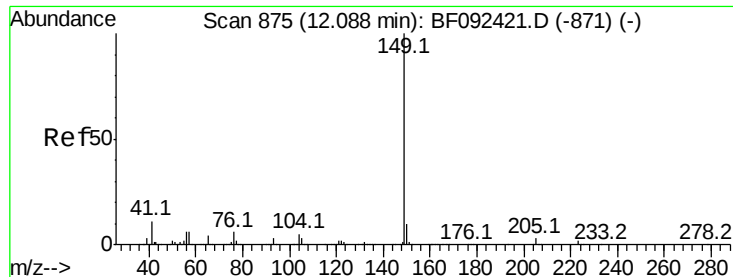


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.60 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

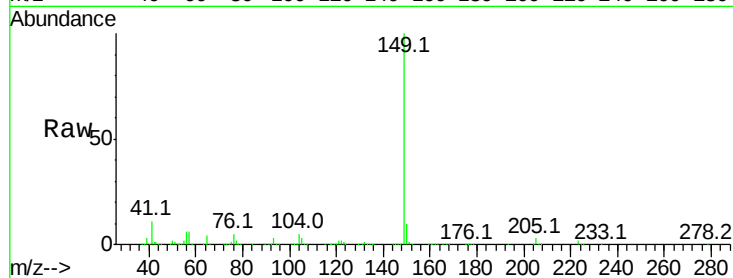
Tot Ion:149 Resp: 1449735

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

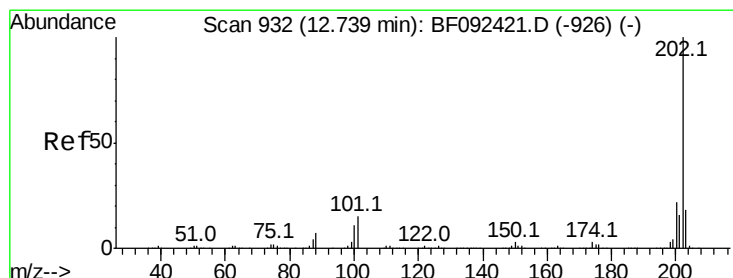
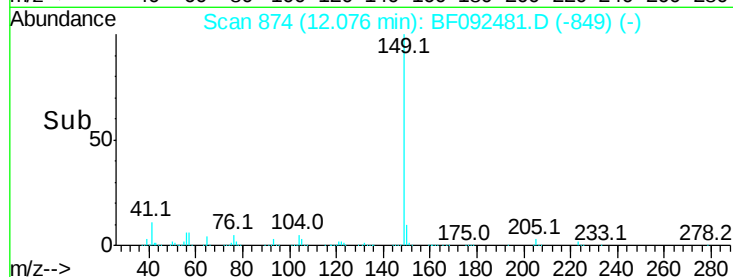
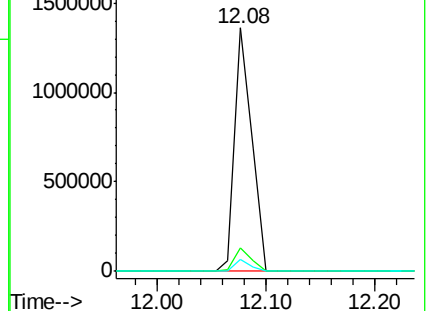
104 5.0 4.6 7.0



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: 36.86 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

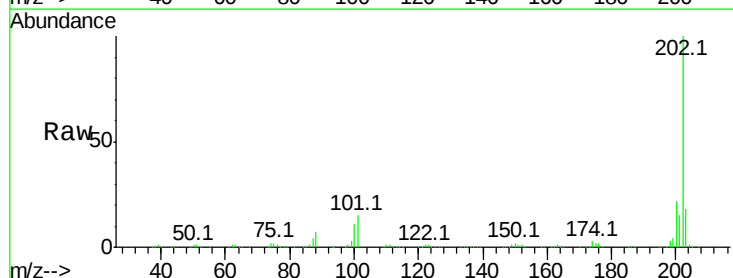
Tgt Ion:202 Resp: 1303061

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.6

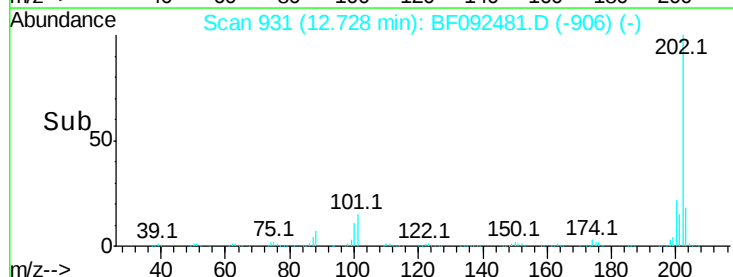
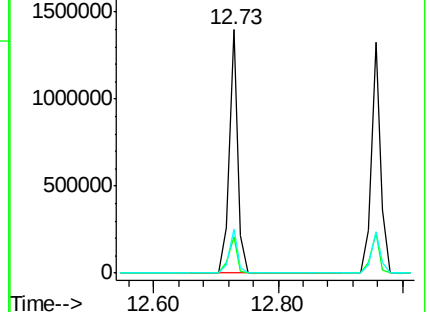
203 17.8 0.0 38.7

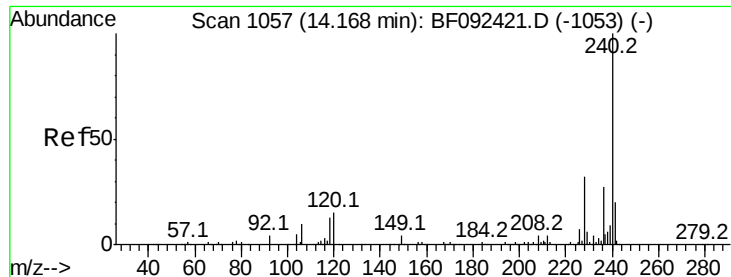


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

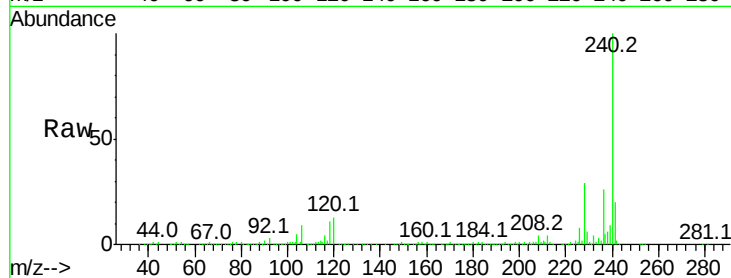
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 546437

Ion	Ratio	Lower	Upper
240	100		
120	13.1	12.9	19.3
236	26.1	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

14.16

800000

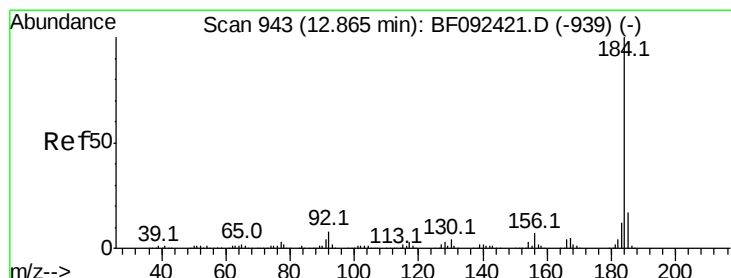
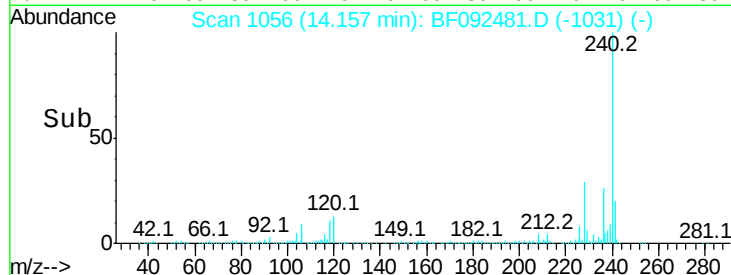
600000

400000

200000

0

Time-->



#76

Benzidine

Concen: 39.04 ng

RT: 12.85 min Scan# 942

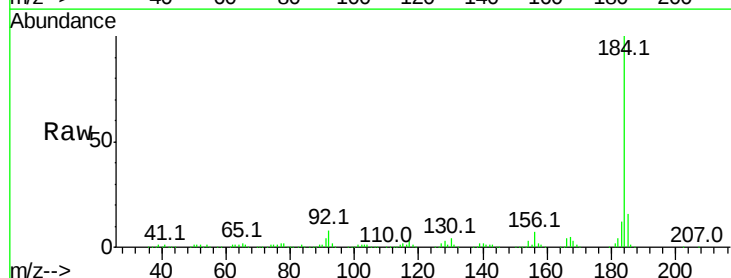
Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Tgt Ion:184 Resp: 791885

Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.4	20.0
183	12.1	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

12.85

1000000

800000

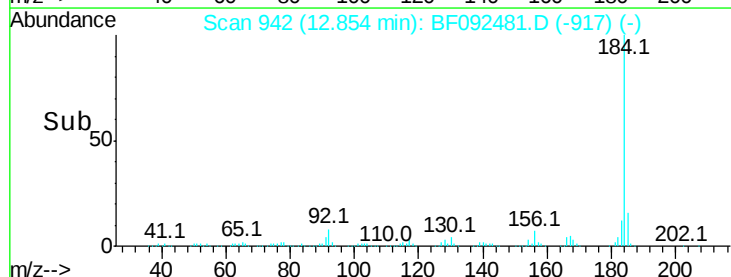
600000

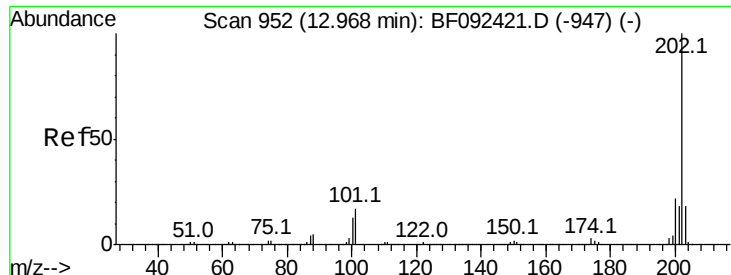
400000

200000

0

Time-->

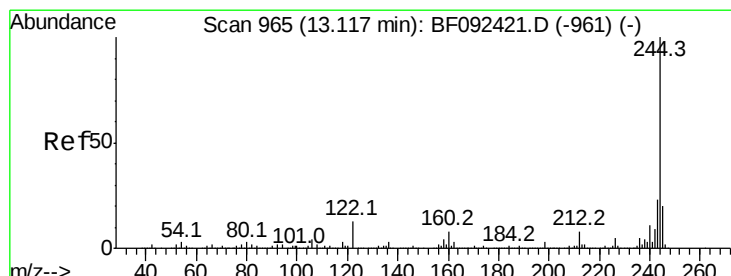
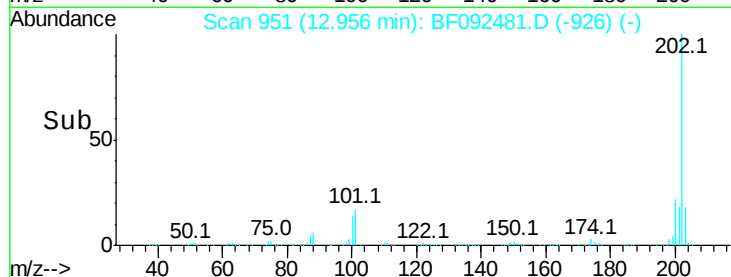
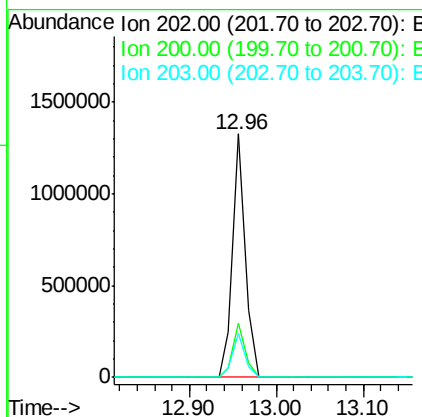
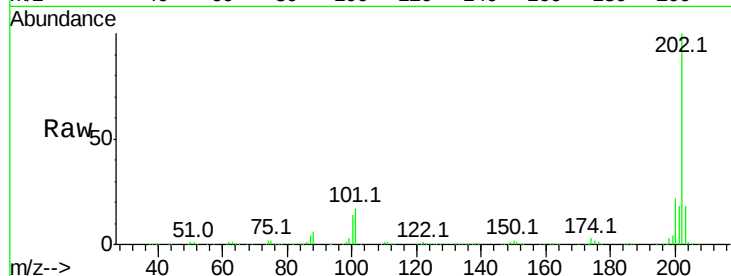




#77
Pvrene
Concen: 33.81 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

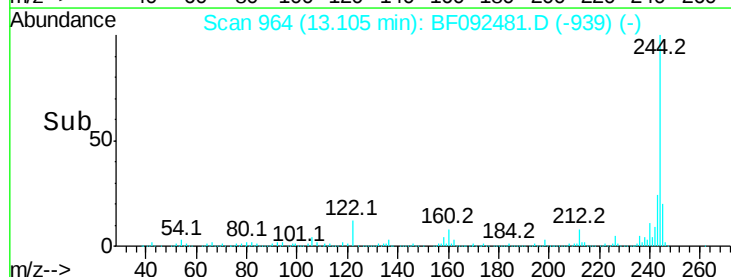
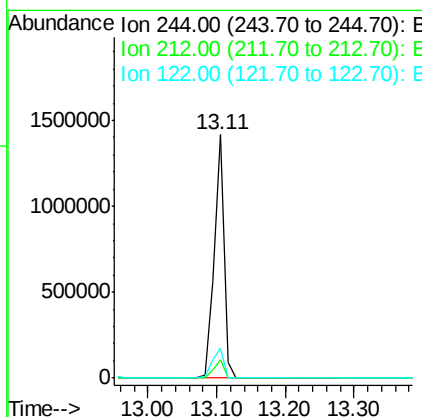
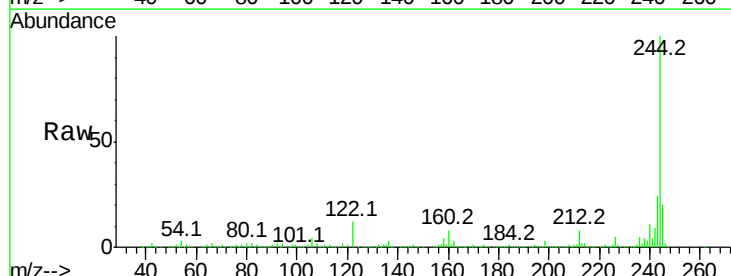
Instrument :
BNA_F
ClientSampleId :

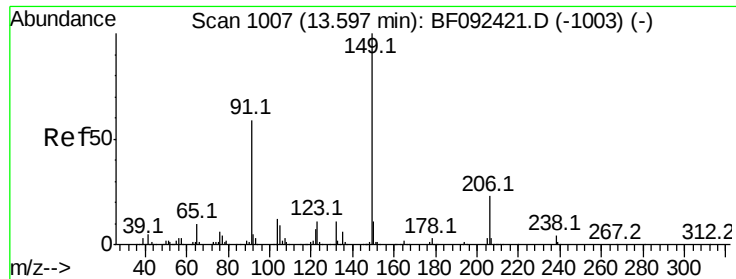
Tot Ion:202 Resp: 1338688
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 18.1 14.7 22.1



#78
Terphenyl-d14
Concen: 70.35 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:244 Resp: 1443734
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 12.3 11.4 17.2

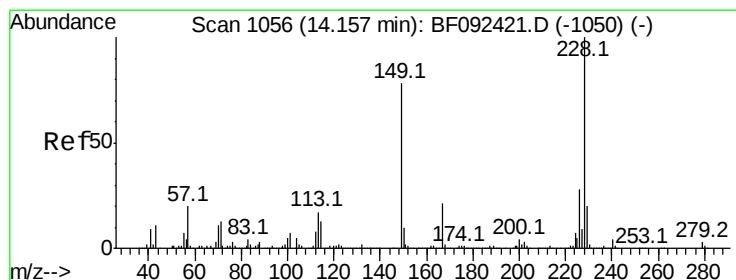
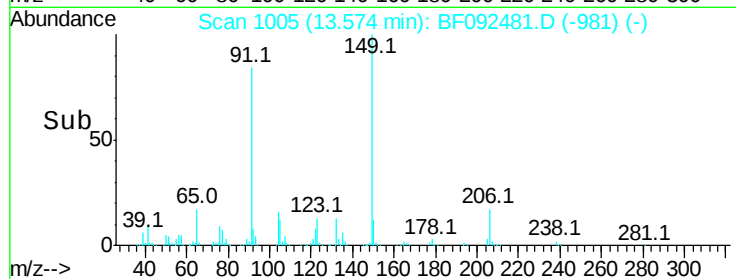
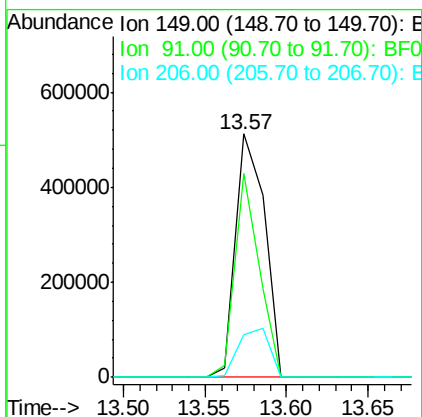
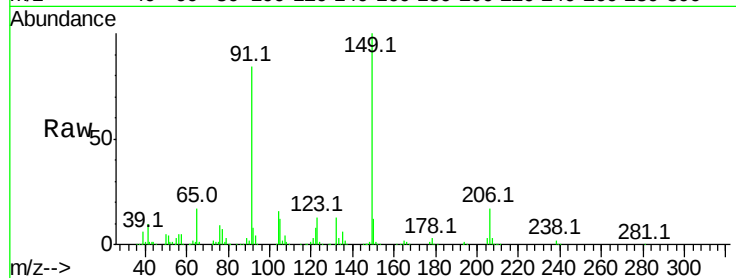




#79
Butylbenzylphthalate
Concen: 39.23 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

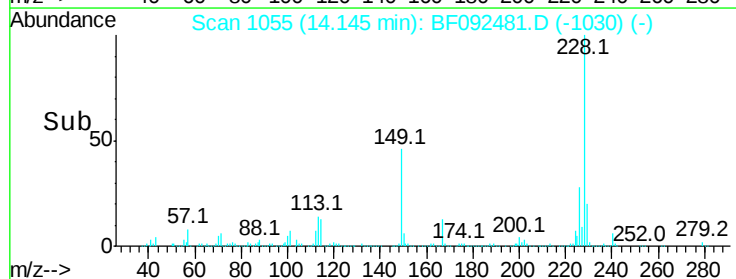
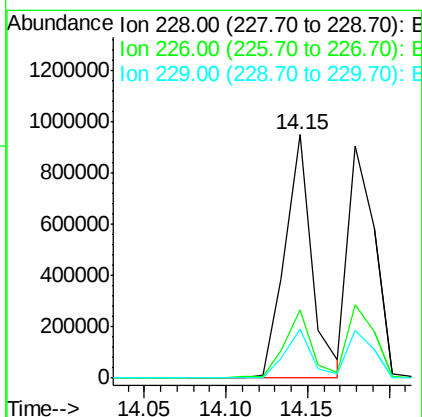
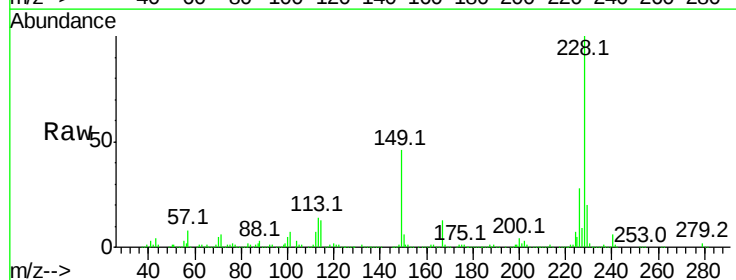
Instrument :
BNA_F
ClientSampleId :

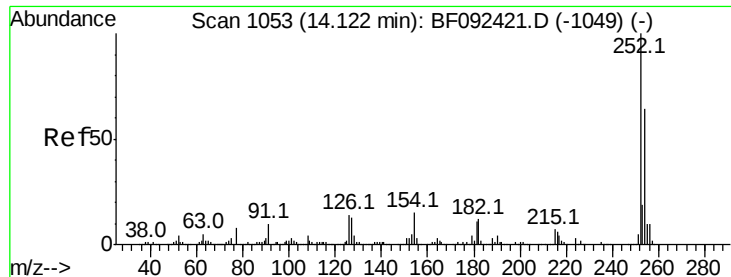
Tot Ion	Ratio	Lower	Upper
149	100		
91	83.7	63.9	95.9
206	17.4	14.6	21.8



#80
Benzo(a)anthracene
Concen: 37.61 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.9	16.2	24.4





#81

3,3'-Dichlorobenzidine

Concen: 38.81 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

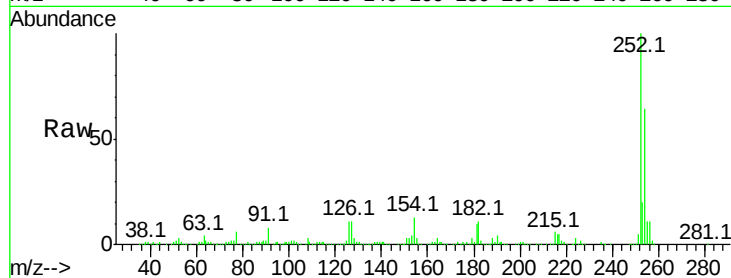
Tot Ion:252 Resp: 432769

Ion Ratio Lower Upper

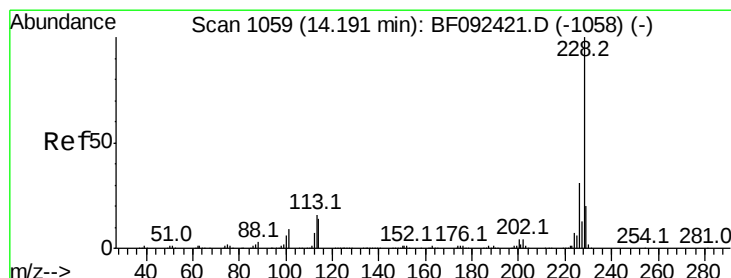
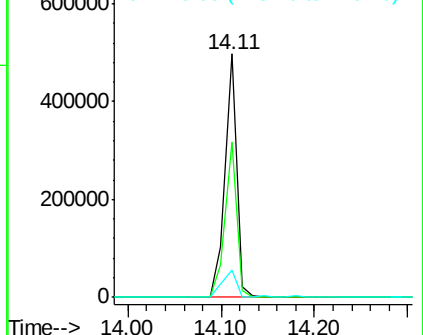
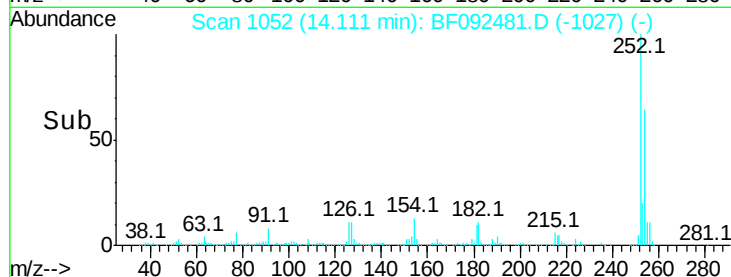
252 100

254 63.9 52.3 78.5

126 11.3 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: 33.41 ng

RT: 14.18 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

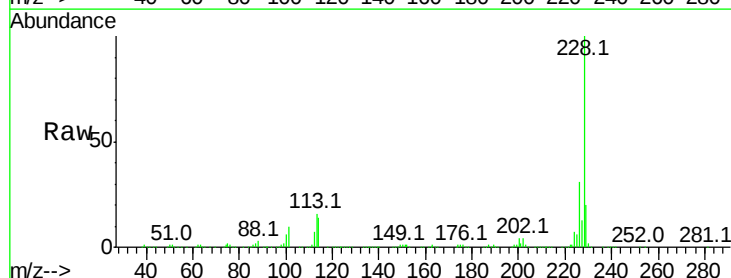
Tgt Ion:228 Resp: 1047687

Ion Ratio Lower Upper

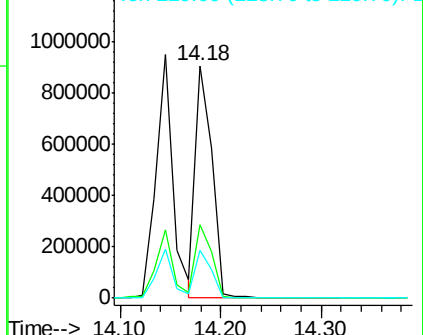
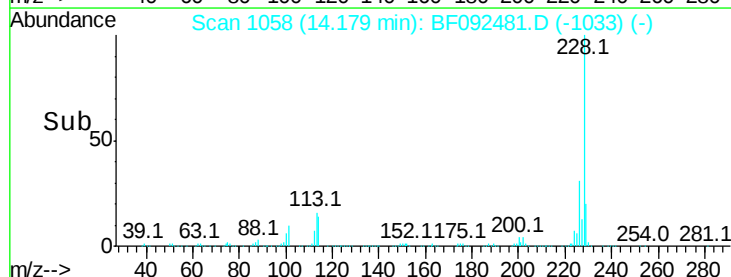
228 100

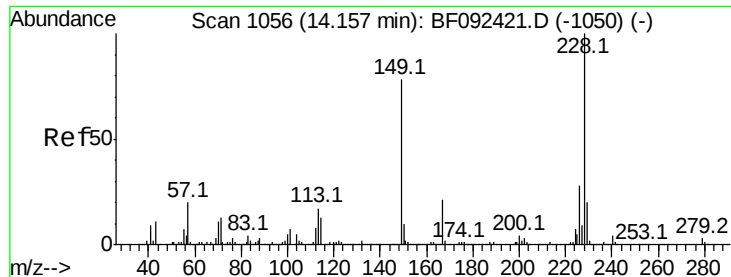
226 31.5 25.4 38.0

229 20.3 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

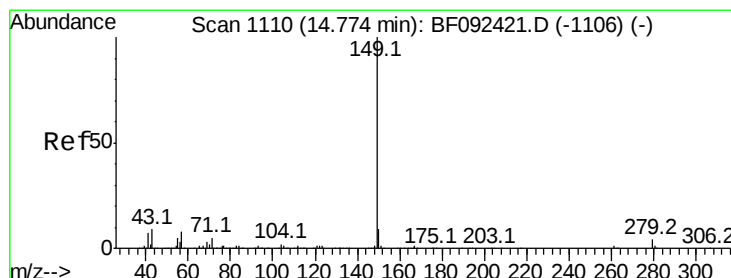
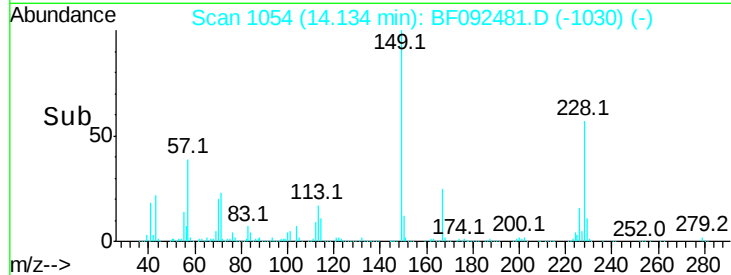
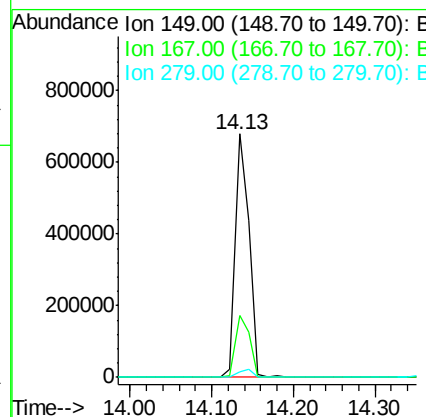
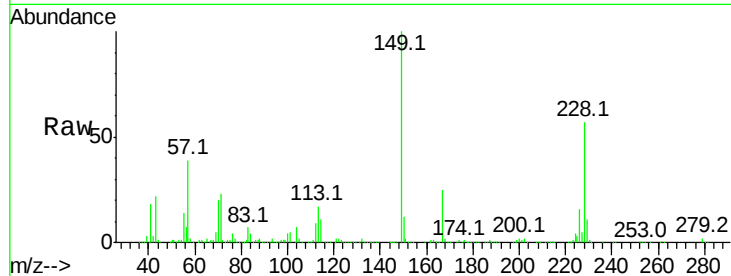




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.32 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

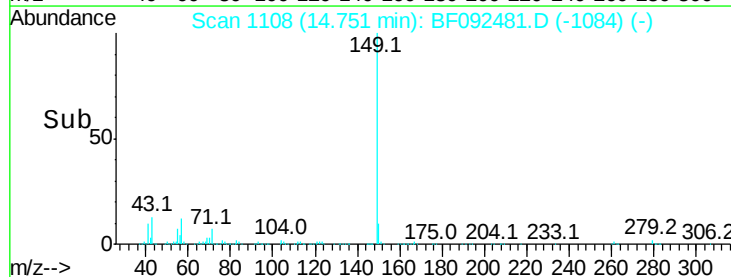
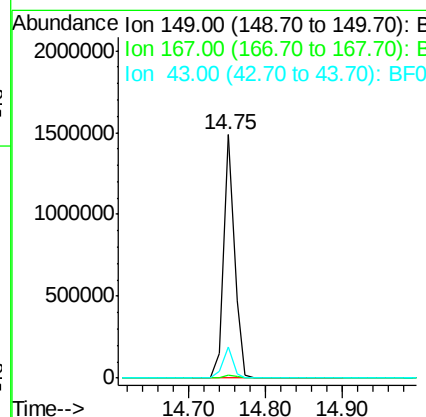
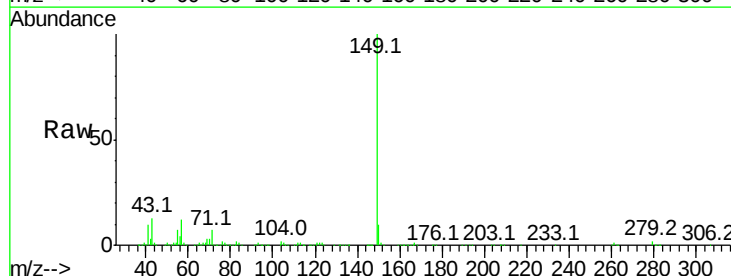
Instrument :
 BNA_F
 ClientSampleId :

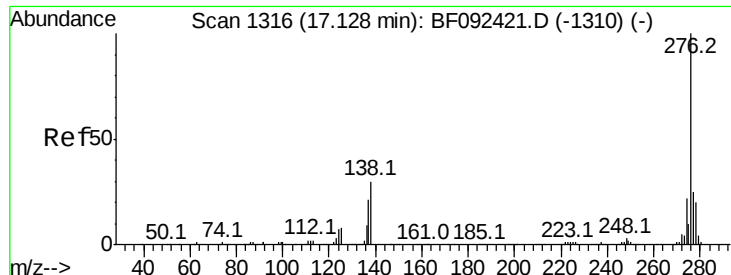
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.2	30.4
279	2.1	1.8	2.8



#84
 Di-n-octyl phthalate
 Concen: 40.18 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.5	8.9	13.3

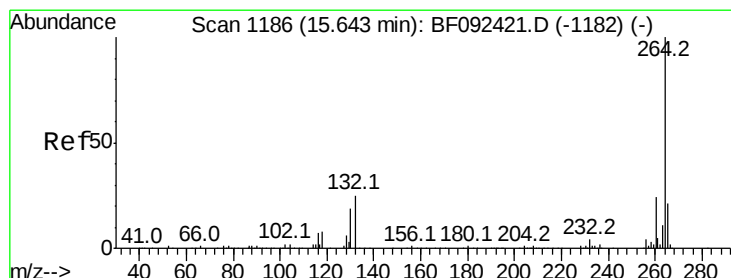
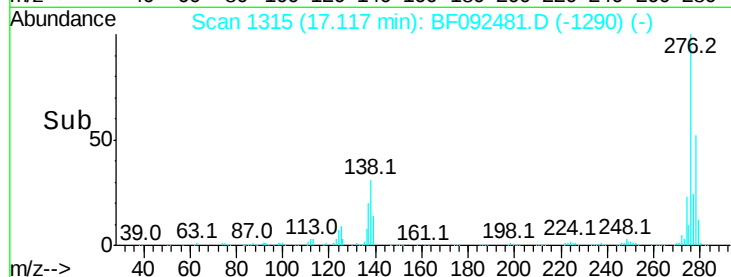
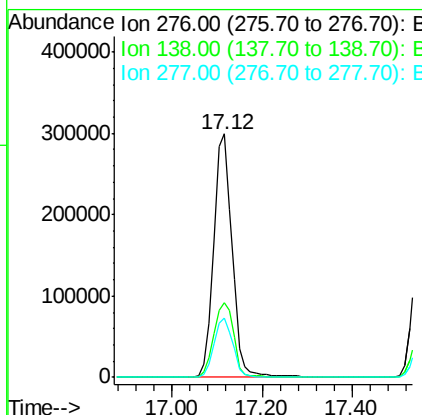
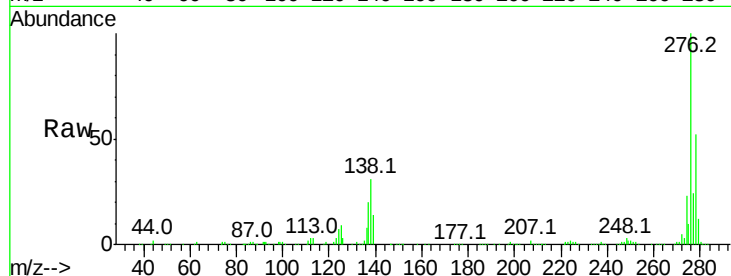




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.89 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

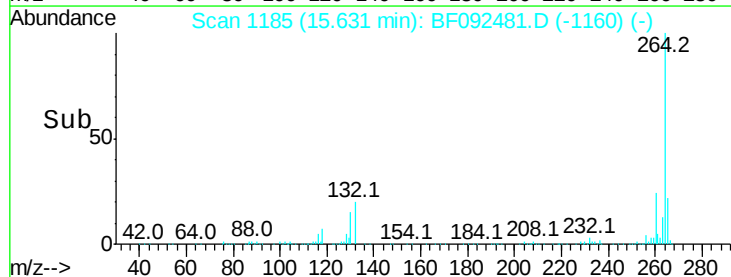
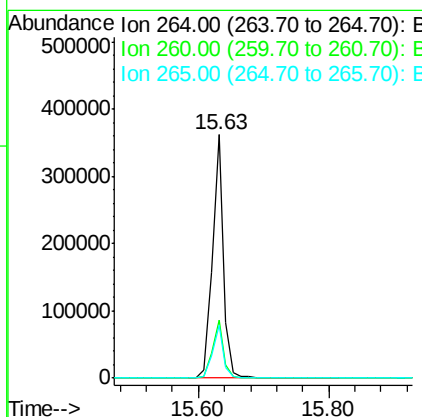
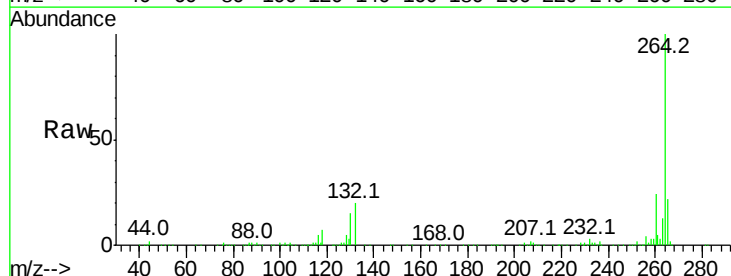
Instrument :
 BNA_F
 ClientSampleId :

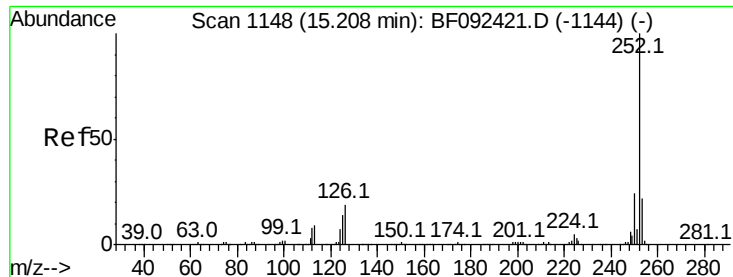
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.6
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092481.D
 Acq: 25 Jan 2017 17:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.4	26.0

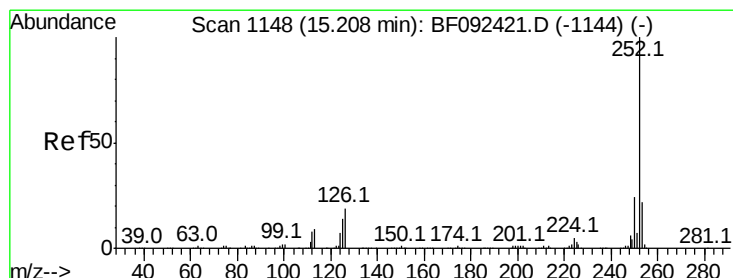
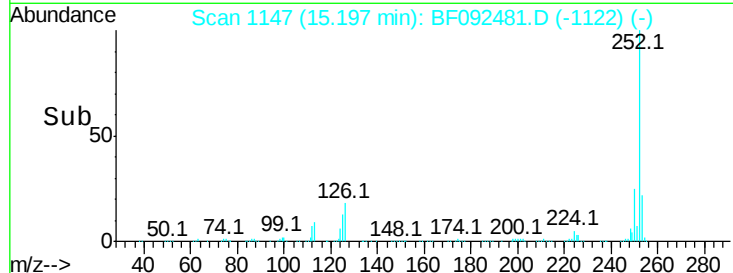
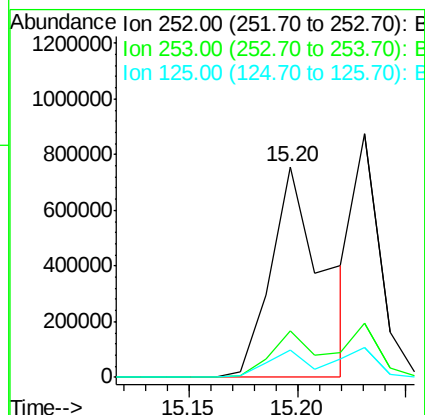
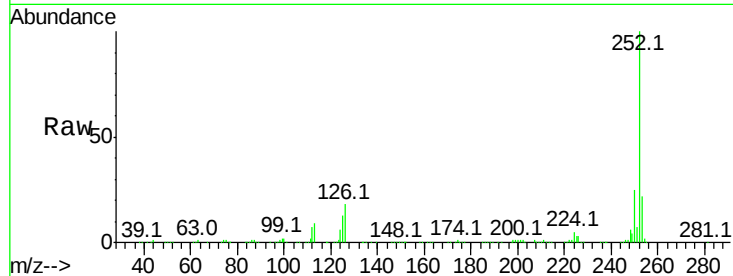




#87
Benzo(b)fluoranthene
Concen: 45.37 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

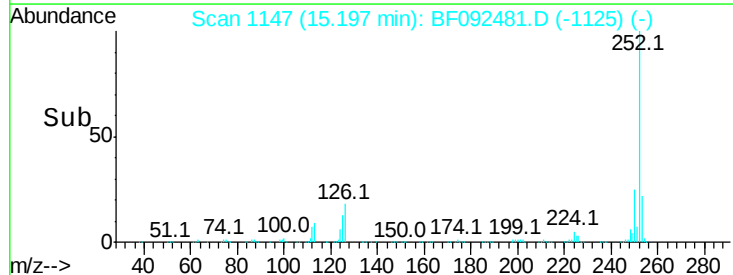
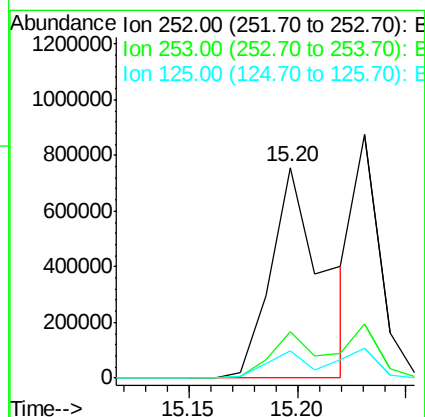
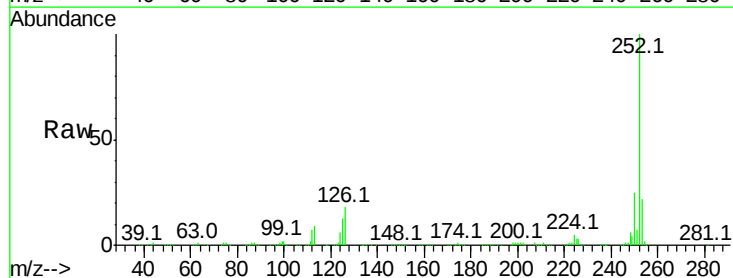
Instrument :
BNA_F
ClientSampled :

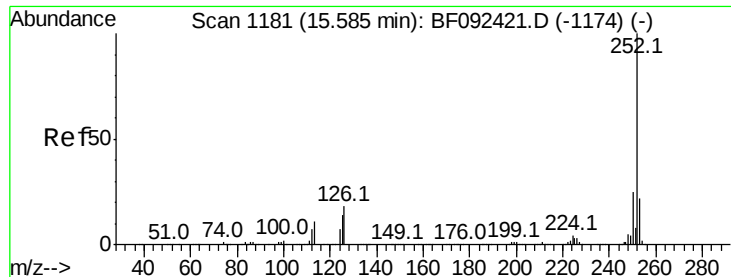
Tot Ion:252 Resp: 1267837
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 13.0 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 54.56 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:252 Resp: 1267837
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 13.0 8.9 13.3





#89

Benzo(a)pyrene

Concen: 40.12 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

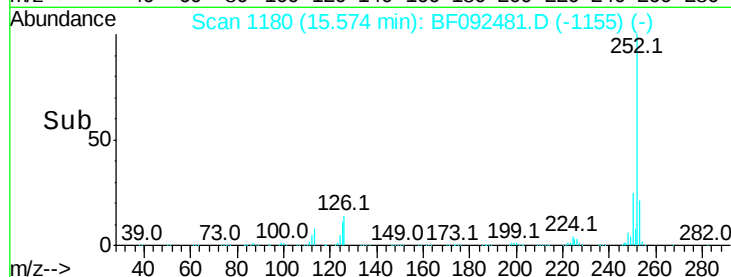
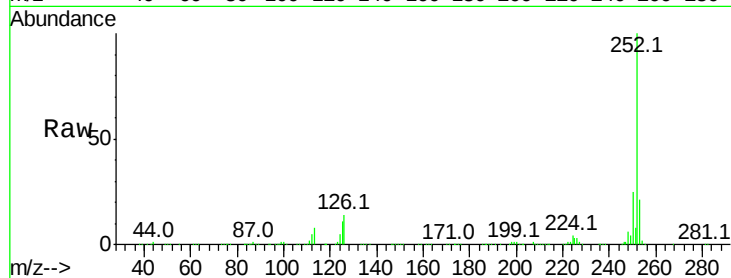
Tot Ion:252 Resp: 948559

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.2

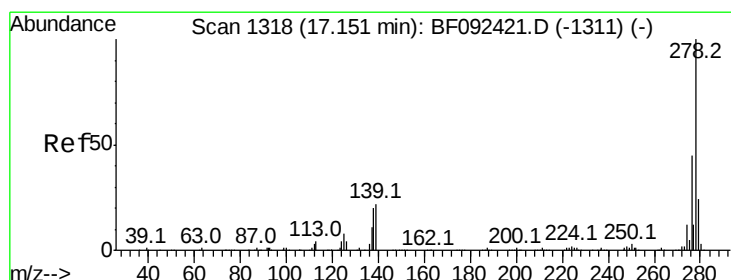
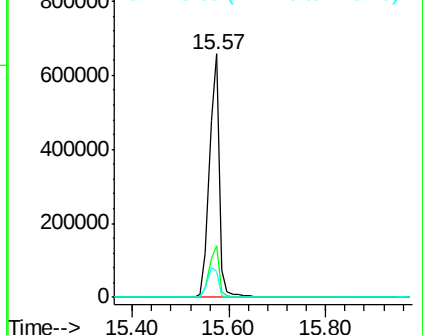
125 10.5 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.63 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

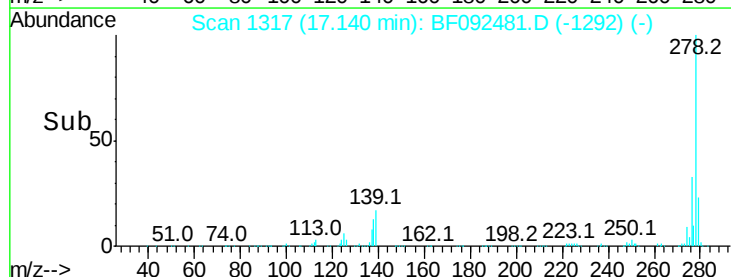
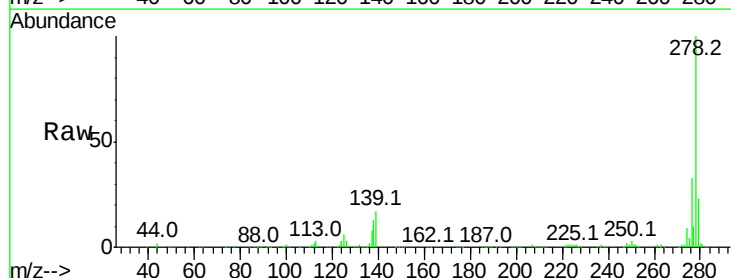
Tgt Ion:278 Resp: 757640

Ion Ratio Lower Upper

278 100

139 16.9 14.8 22.2

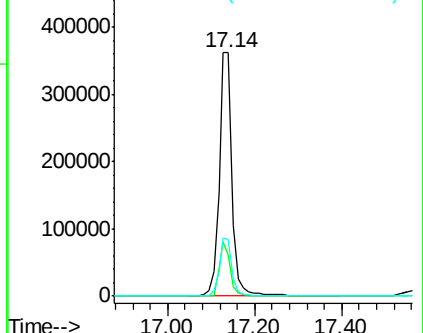
279 23.4 19.8 29.6

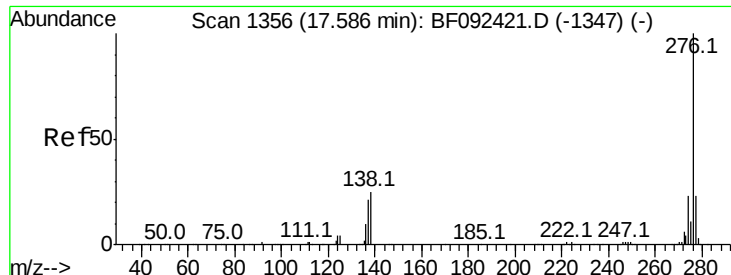


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.30 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BF092481.D

Acq: 25 Jan 2017 17:22

Instrument :

BNA_F

ClientSampleId :

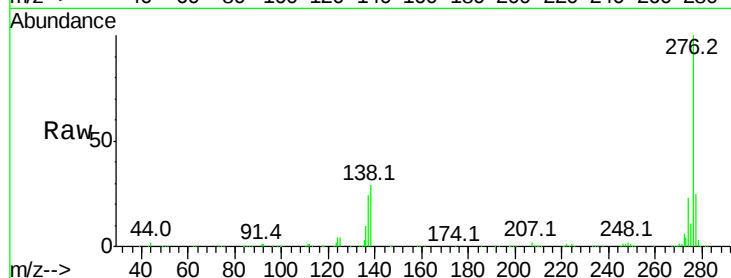
Tot Ion:276 Resp: 740453

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 28.8 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

