

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092475.D
 Acq On : 25 Jan 2017 14:37
 Operator : SJ/MA
 Sample : PB96090BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Quant Time: Jan 26 14:11:06 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	184469	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	746576	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	428250	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	665524	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	530003	20.00	ng	-0.01
86) Perylene-d12	15.63	264	437335	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1483717	125.14	ng	0.02
7) Phenol-d6	6.60	99	2006171	132.84	ng	0.01
23) Nitrobenzene-d5	7.54	82	1248839	91.37	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	353349	121.08	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	2093537	90.40	ng	-0.01
78) Terphenyl-d14	13.11	244	1649082	82.85	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	225571	35.77	ng	# 82
3) Pyridine	3.47	79	673179	37.50	ng	87
4) n-Nitrosodimethylamine	3.42	42	363219	41.24	ng	81
6) Aniline	6.64	93	465735	20.67	ng	# 44
8) 2-Chlorophenol	6.75	128	531737	42.70	ng	87
9) Benzaldehyde	6.51	77	36496	3.41	ng	90
10) Phenol	6.61	94	863728	47.38	ng	# 70
11) bis(2-Chloroethyl)ether	6.70	93	553344	40.57	ng	93
12) 1,3-Dichlorobenzene	6.91	146	611897m	41.55	ng	
13) 1,4-Dichlorobenzene	6.99	146	649844	43.84	ng	95
14) 1,2-Dichlorobenzene	7.14	146	554611	39.44	ng	98
15) Benzyl Alcohol	7.12	79	553555	48.64	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1098878	40.73	ng	92
17) 2-Methylphenol	7.22	107	515153	48.41	ng	98
18) Hexachloroethane	7.48	117	215012	42.11	ng	# 88
19) n-Nitroso-di-n-propylamine	7.39	70	403678	39.25	ng	92
20) 3+4-Methylphenols	7.38	107	565296	43.79	ng	98
22) Acetophenone	7.39	105	791362	44.51	ng	# 91
24) Nitrobenzene	7.56	77	686498	47.95	ng	# 86
25) Isophorone	7.80	82	1240644	46.06	ng	97
26) 2-Nitrophenol	7.87	139	305737	50.96	ng	92
27) 2,4-Dimethylphenol	7.92	122	594418	47.64	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	729615	41.27	ng	99
29) 2,4-Dichlorophenol	8.12	162	515094	47.61	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	503273	43.04	ng	95
31) Naphthalene	8.28	128	1552539	40.63	ng	99
32) Benzoic acid	8.04	122	371510	40.63	ng	96
33) 4-Chloroaniline	8.33	127	149735	9.26	ng	97
34) Hexachlorobutadiene	8.41	225	279810	43.75	ng	98
35) Caprolactam	8.72	113	191603m	53.04	ng	
36) 4-Chloro-3-methylphenol	8.82	107	577352	49.49	ng	96
37) 2-Methylnaphthalene	8.98	142	1042567	43.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	491662	45.51	ng	99
40) Hexachlorocyclopentadiene	9.14	237	496972	91.86	ng	98

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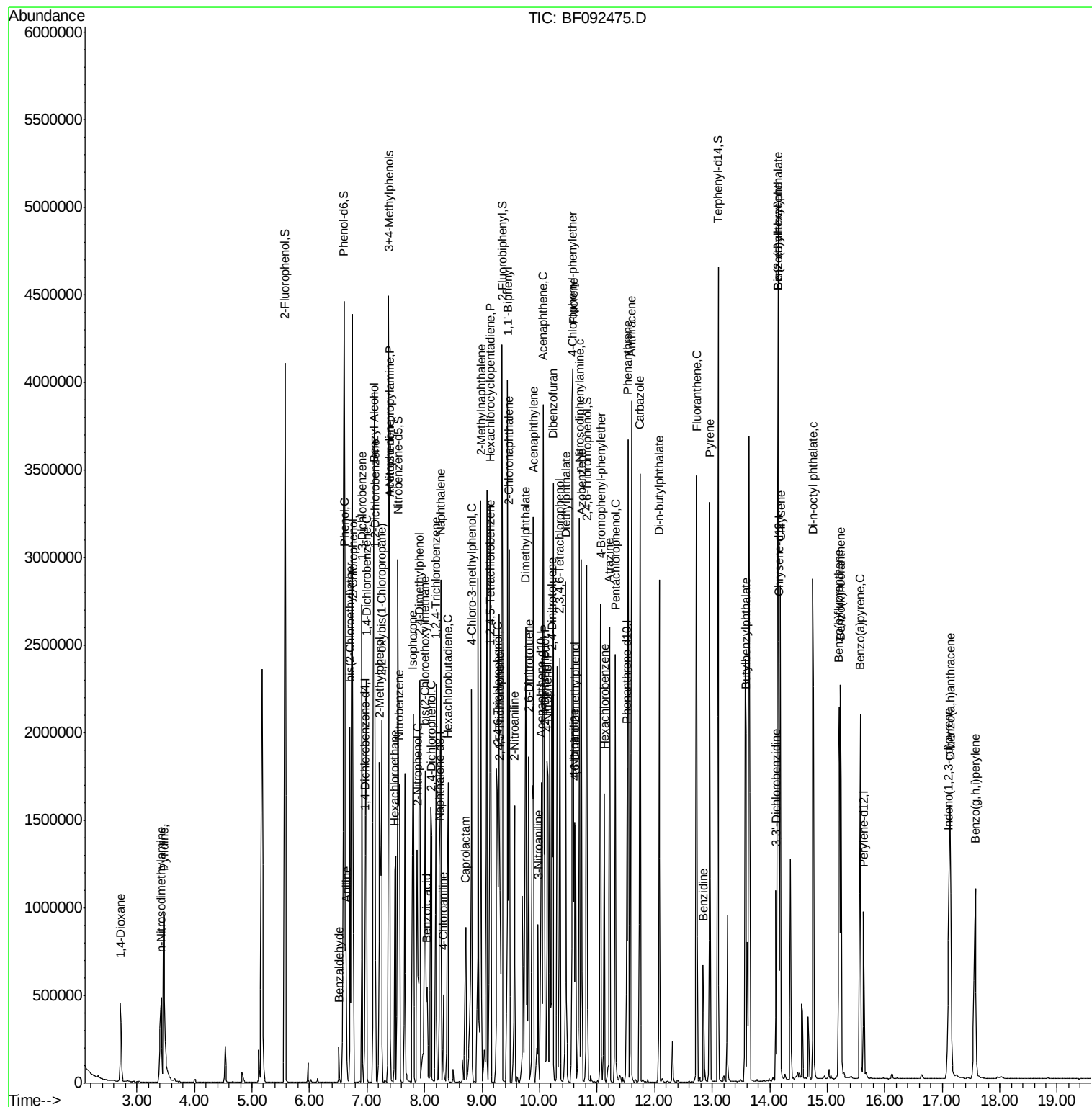
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	381137	46.05	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	359608	47.48	nq	94
45) 1,1'-Biphenyl	9.45	154	1253927	40.51	nq	97
46) 2-Chloronaphthalene	9.47	162	982268	38.85	nq	96
47) 2-Nitroaniline	9.56	65	330832	38.85	nq	94
48) Acenaphthylene	9.89	152	1711803	46.16	nq	99
49) Dimethylphthalate	9.76	163	1293048	47.48	nq	100
50) 2,6-Dinitrotoluene	9.81	165	307395	55.22	nq	96
51) Acenaphthene	10.06	154	1163610	50.50	nq	97
52) 3-Nitroaniline	9.97	138	128040	18.37	nq	97
53) 2,4-Dinitrophenol	10.09	184	305462	81.52	nq	# 86
54) Dibenzofuran	10.24	168	1449949	46.34	nq	96
55) 4-Nitrophenol	10.14	139	532951	96.26	nq	# 74
56) 2,4-Dinitrotoluene	10.21	165	338433	45.80	nq	96
57) Fluorene	10.58	166	1088874	46.93	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	288622	50.87	nq	100
59) Diethylphthalate	10.45	149	1123110	43.01	nq	99
60) 4-Chlorophenyl-phenylether	10.57	204	449047	39.90	nq	94
61) 4-Nitroaniline	10.60	138	309403	44.37	nq	93
62) Azobenzene	10.73	77	1299593	43.73	nq	95
64) 4,6-Dinitro-2-methylphenol	10.62	198	205285	56.29	nq	80
65) n-Nitrosodiphenylamine	10.69	169	1025761	49.35	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	296803	44.17	nq	99
67) Hexachlorobenzene	11.13	284	312294	45.98	nq	95
68) Atrazine	11.22	200	299800	42.14	nq	99
69) Pentachlorophenol	11.32	266	394373	90.81	nq	97
70) Phenanthrene	11.54	178	1492126	40.71	nq	99
71) Anthracene	11.60	178	1749467	48.84	nq	99
72) Carbazole	11.75	167	1403700	41.05	nq	99
73) Di-n-butylphthalate	12.08	149	1735052	44.37	nq	98
74) Fluoranthene	12.73	202	1492764	41.64	nq	98
76) Benzidine	12.84	184	309946	15.75	nq	99
77) Pyrene	12.96	202	1558478	40.58	nq	99
79) Butylbenzylphthalate	13.59	149	804590	51.72	nq	# 75
80) Benzo(a)anthracene	14.15	228	1253589	44.01	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	233961	21.63	nq	# 95
82) Chrysene	14.19	228	1405477	46.20	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	951400	48.56	nq	# 96
84) Di-n-octyl phthalate	14.75	149	1877968	52.80	nq	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	1126418	50.05	nq	# 94
87) Benzo(b)fluoranthene	15.21	252	1372028	48.87	nq	97
88) Benzo(k)fluoranthene	15.23	252	1161002m	49.73	nq	
89) Benzo(a)pyrene	15.57	252	1161721	48.91	nq	# 97
90) Dibenzo(a,h)anthracene	17.14	278	941069	49.00	nq	96
91) Benzo(g,h,i)perylene	17.57	276	928343	47.80	nq	# 93

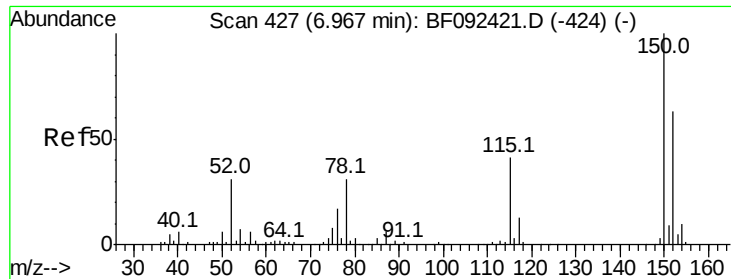
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

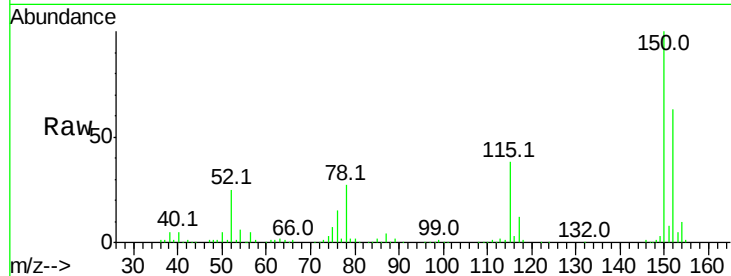
Tot Ion:152 Resp: 184469

Ion Ratio Lower Upper

152 100

150 158.2 124.9 187.3

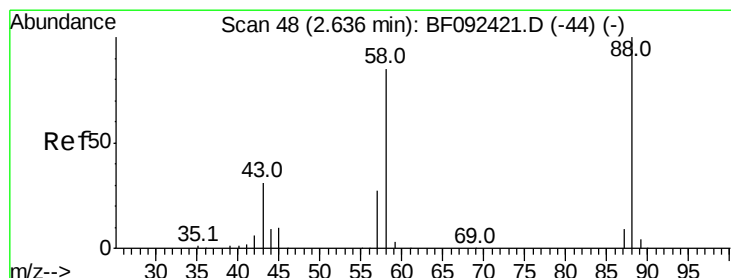
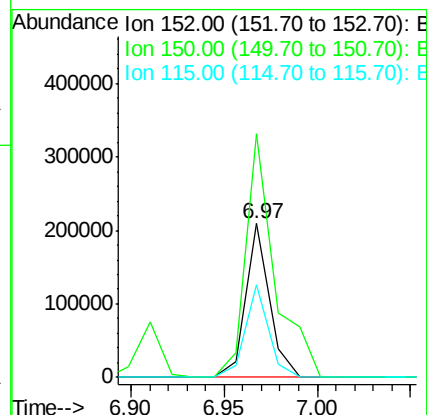
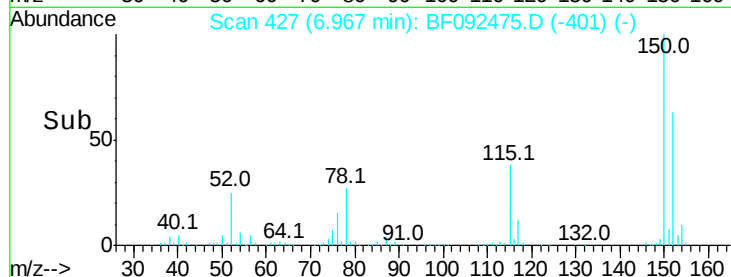
115 60.5 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.77 ng

RT: 2.72 min Scan# 55

Delta R.T. 0.08 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

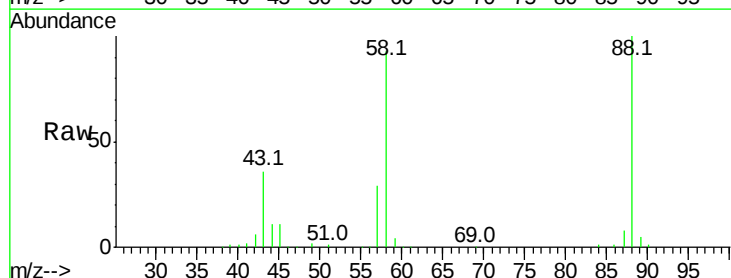
Tgt Ion: 88 Resp: 225571

Ion Ratio Lower Upper

88 100

58 88.7 57.8 86.8#

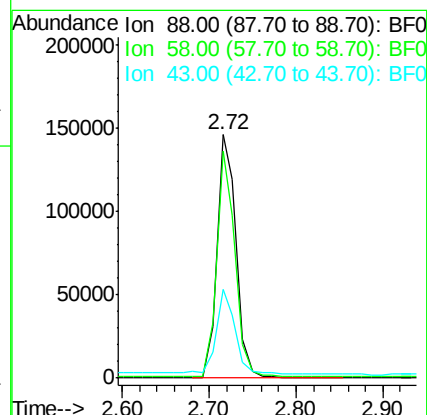
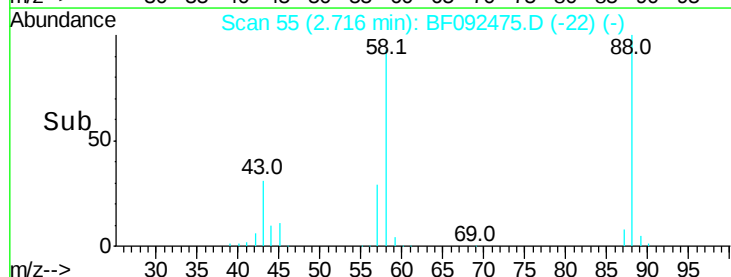
43 34.9 22.3 33.5#

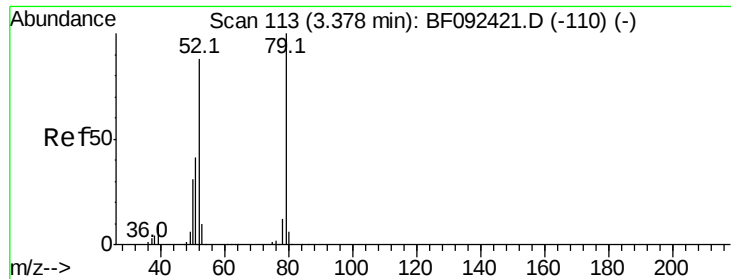


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.50 ng

RT: 3.47 min Scan# 121

Delta R.T. 0.09 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

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ClientSampleId :

PB96090BS

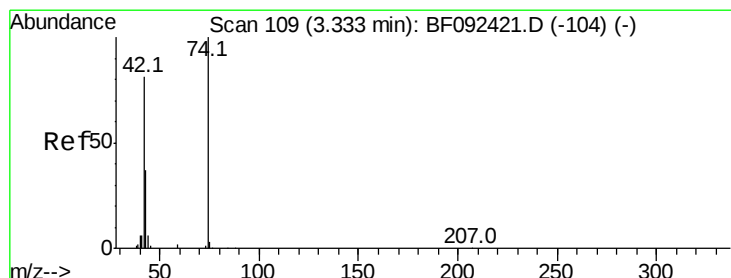
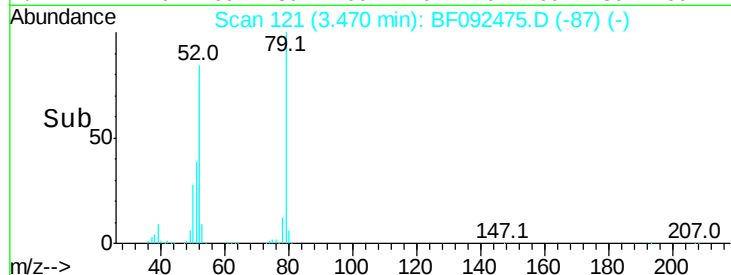
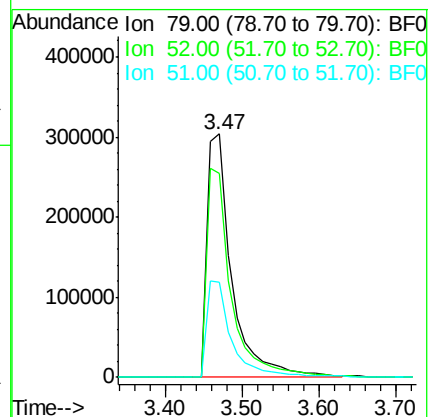
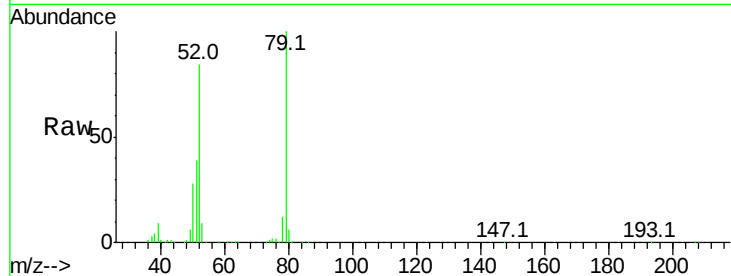
Tot Ion: 79 Resp: 673179

Ion Ratio Lower Upper

79 100

52 83.6 57.1 85.7

51 39.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 41.24 ng

RT: 3.42 min Scan# 117

Delta R.T. 0.09 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

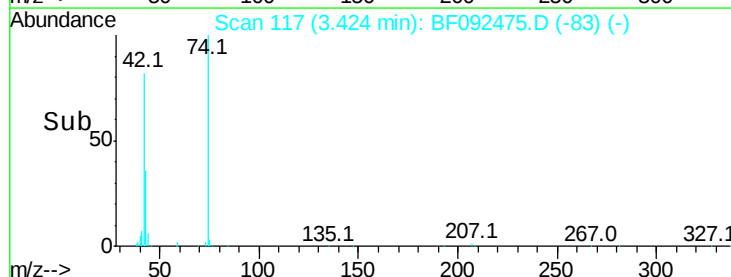
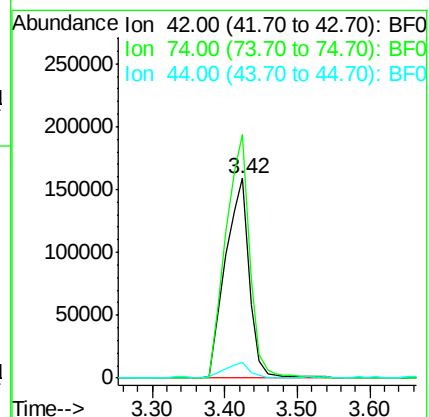
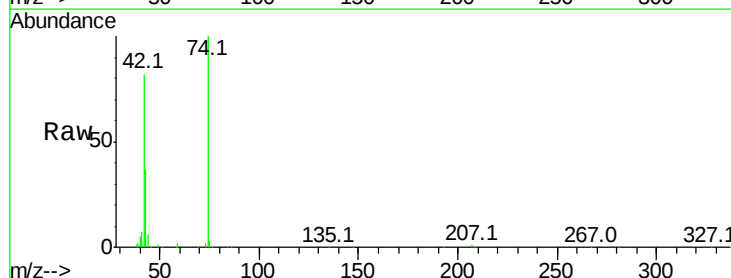
Tgt Ion: 42 Resp: 363219

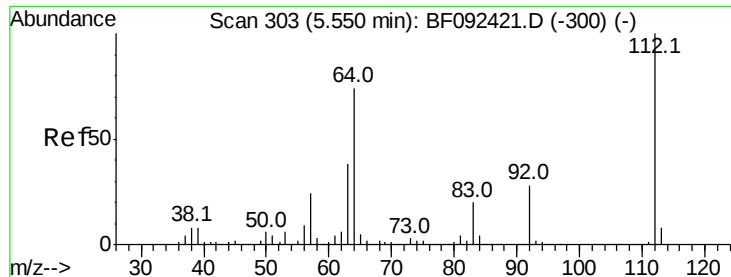
Ion Ratio Lower Upper

42 100

74 121.8 117.0 175.4

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 125.14 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

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ClientSampled :

PB96090BS

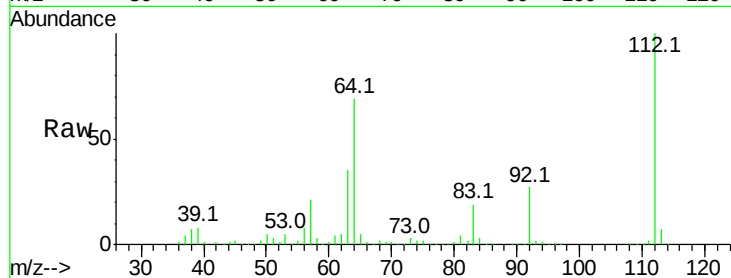
Tot Ion:112 Resp: 1483717

Ion Ratio Lower Upper

112 100

64 68.8 46.1 69.1

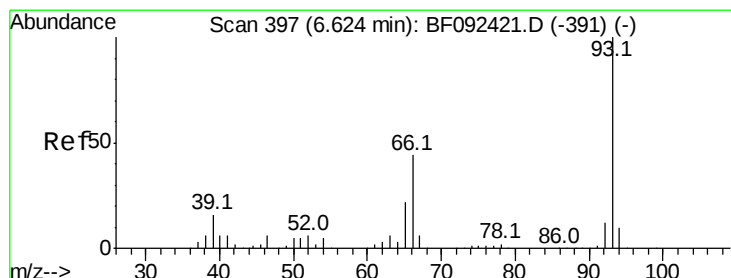
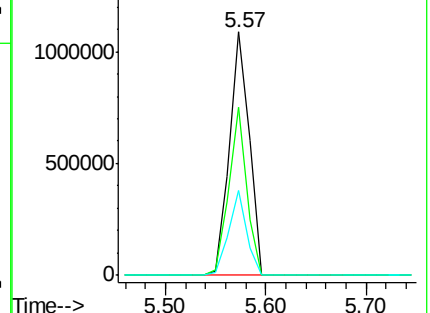
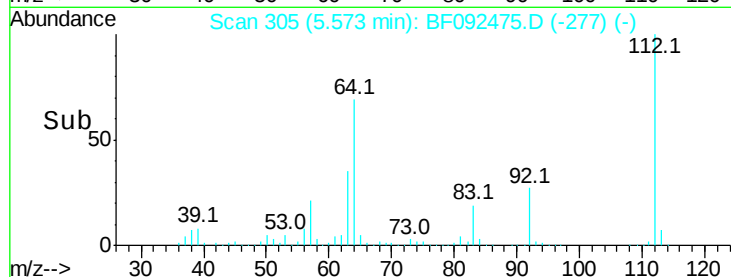
63 34.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.67 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

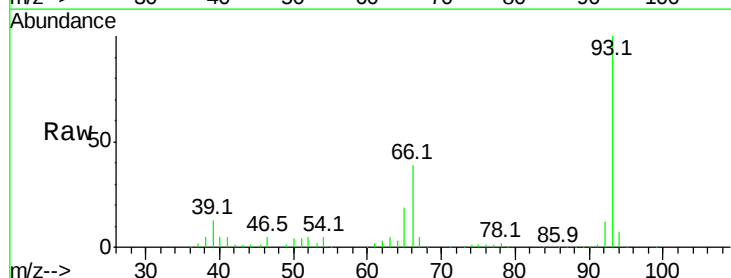
Tgt Ion: 93 Resp: 465735

Ion Ratio Lower Upper

93 100

66 39.4 76.2 114.2#

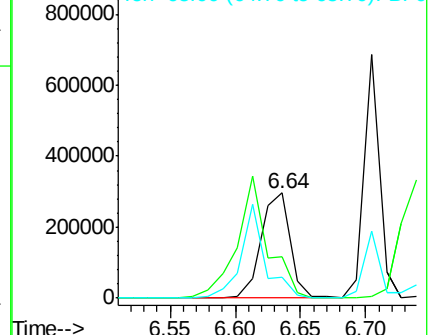
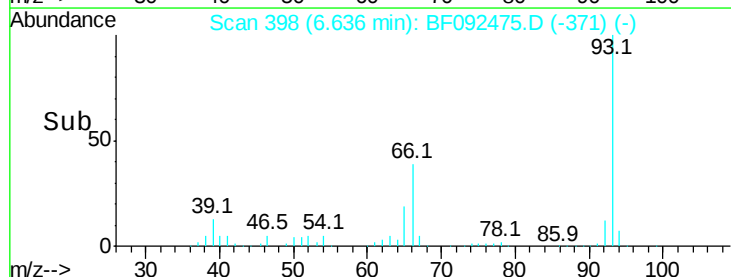
65 19.4 49.3 73.9#

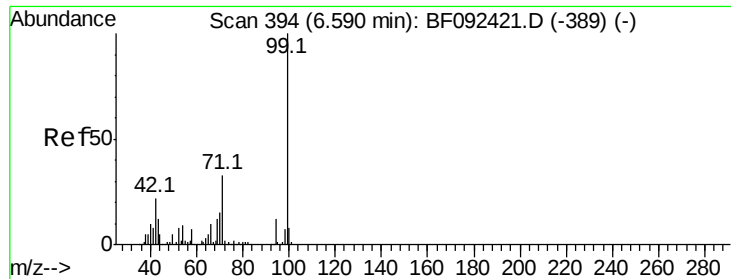


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.84 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

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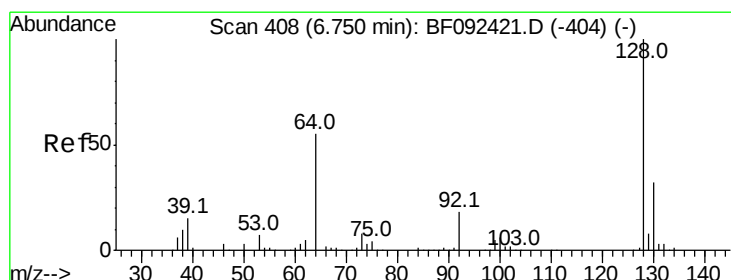
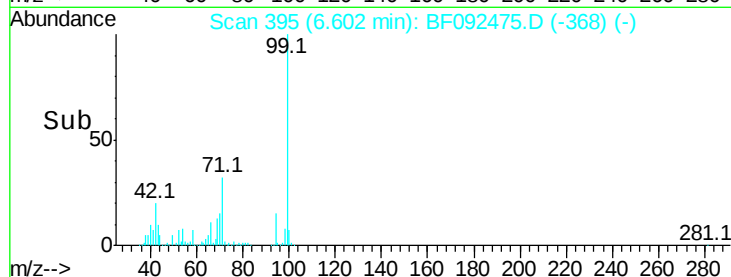
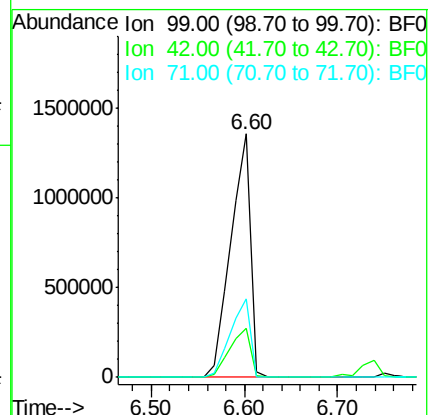
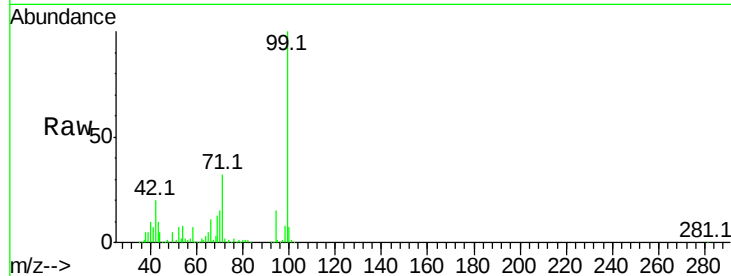
Tot Ion: 99 Resp: 2006171

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

71 32.4 27.5 41.3



#8

2-Chlorophenol

Concen: 42.70 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

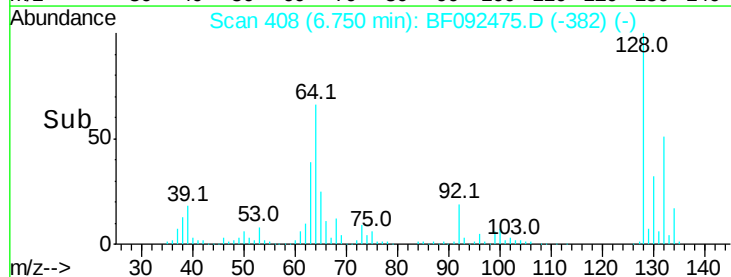
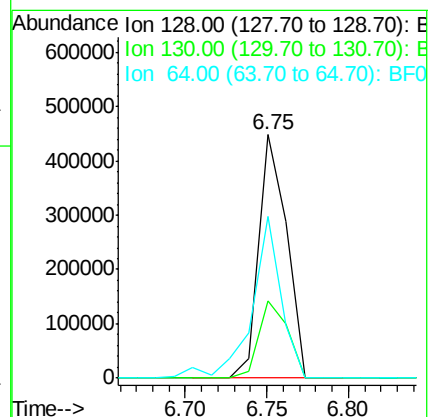
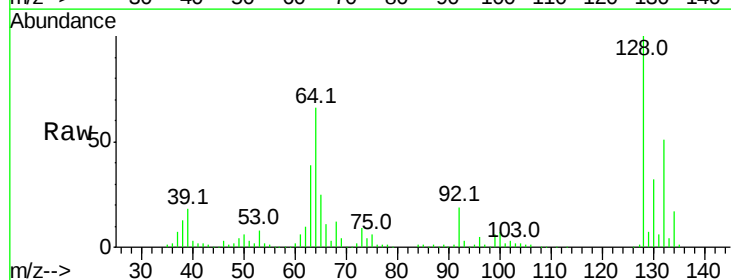
Tgt Ion: 128 Resp: 531737

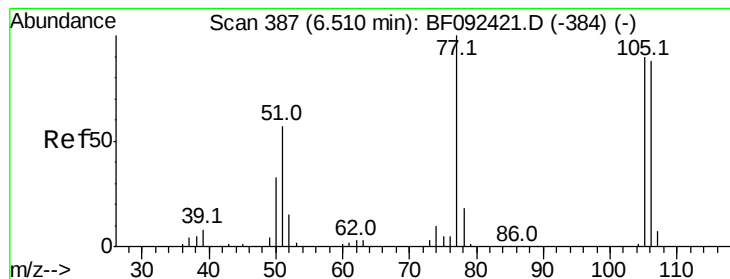
Ion Ratio Lower Upper

128 100

130 31.6 12.3 52.3

64 66.4 32.2 72.2





#9

Benzaldehyde

Concen: 3.41 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

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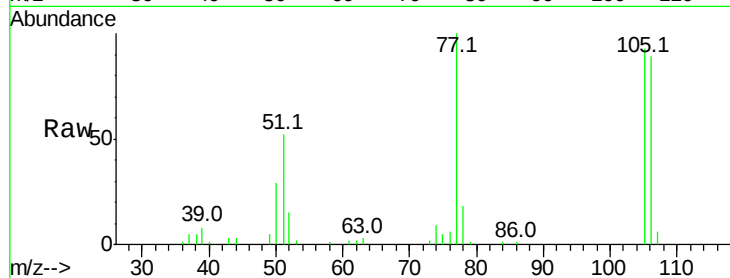
Tot Ion: 77 Resp: 36496

Ion Ratio Lower Upper

77 100

105 93.3 83.9 123.9

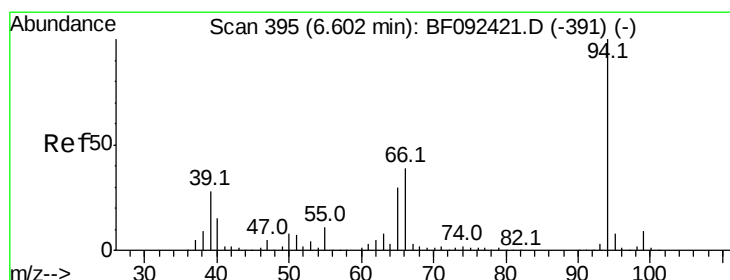
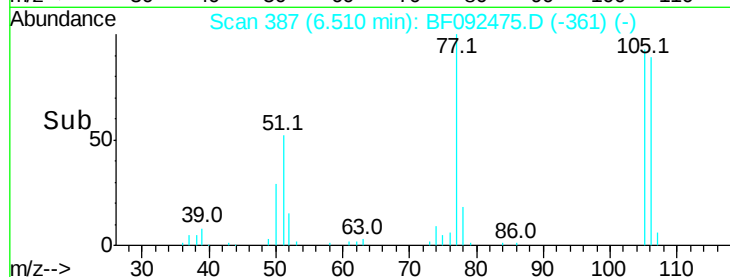
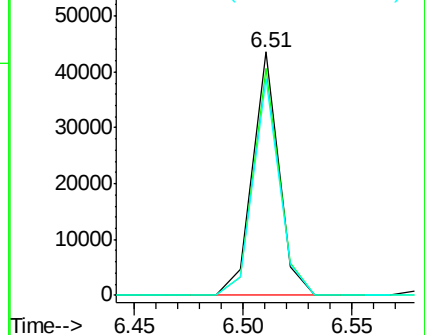
106 88.9 77.6 117.6



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: 47.38 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

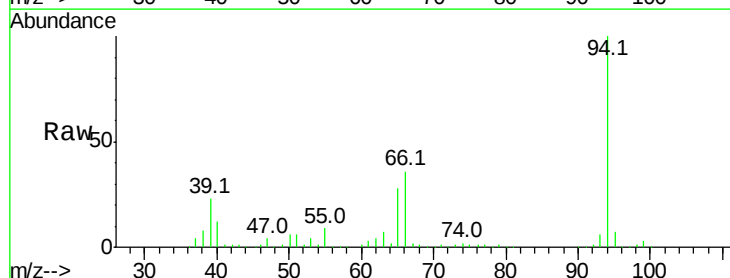
Tgt Ion: 94 Resp: 863728

Ion Ratio Lower Upper

94 100

65 28.0 21.4 61.4

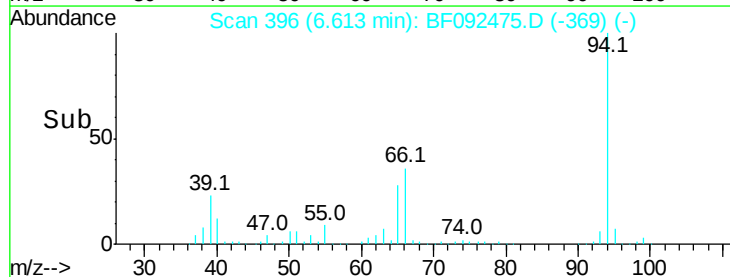
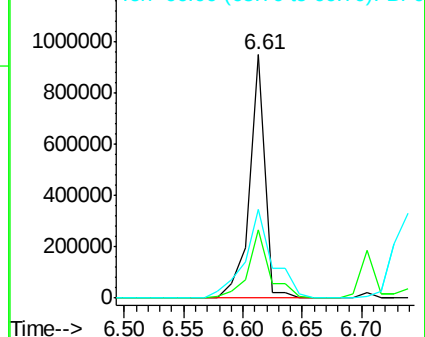
66 36.3 44.0 84.0#

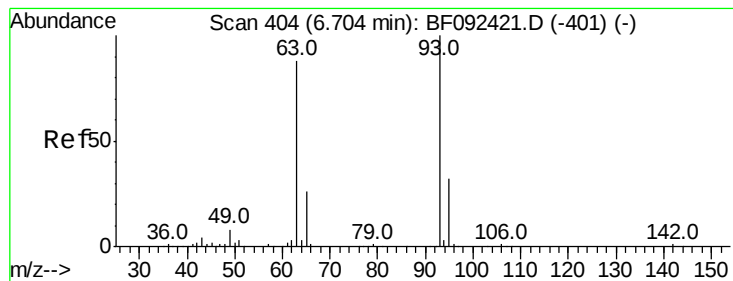


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.57 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

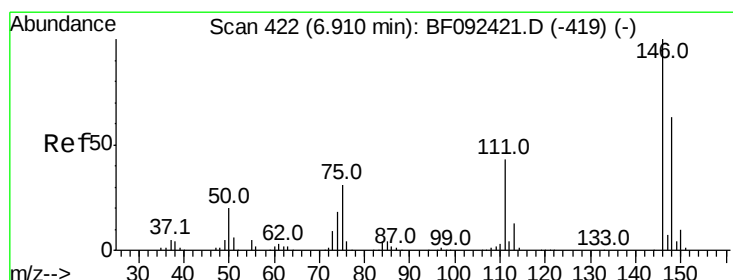
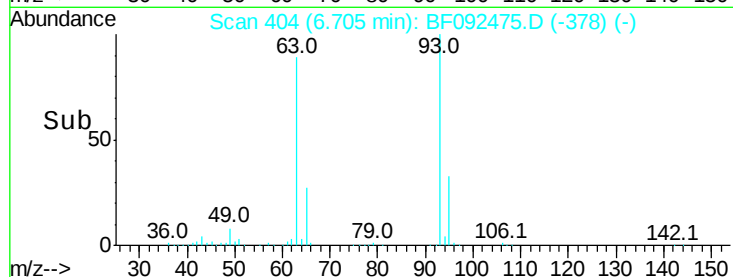
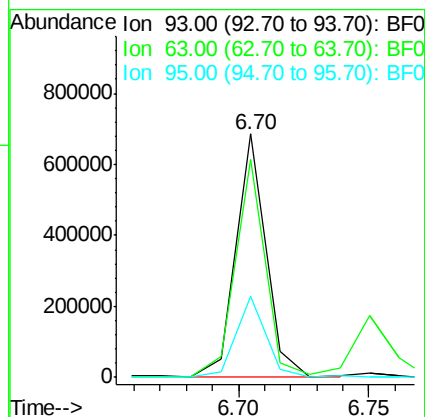
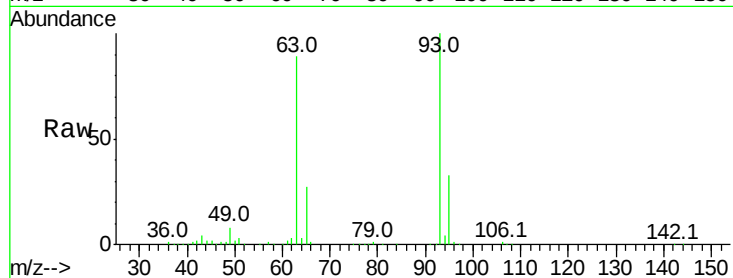
Tot Ion: 93 Resp: 553344

Ion Ratio Lower Upper

93 100

63 89.4 60.4 100.4

95 33.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.55 ng m

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

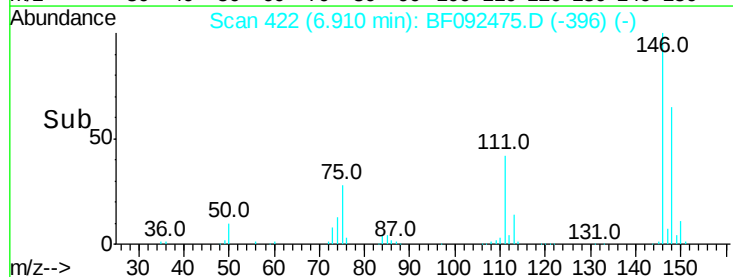
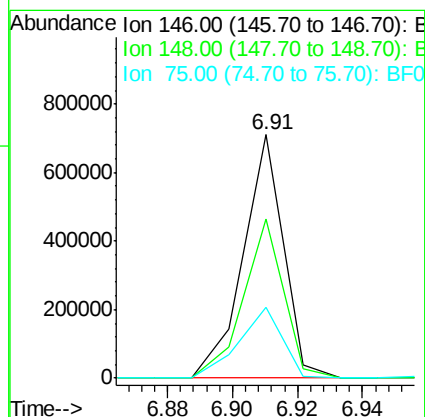
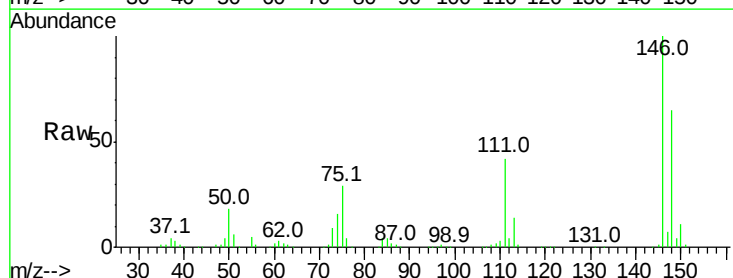
Tgt Ion: 146 Resp: 611897

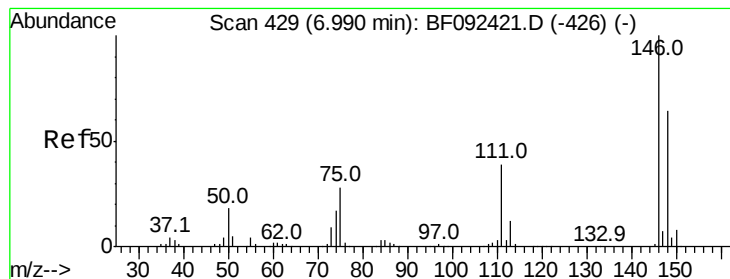
Ion Ratio Lower Upper

146 100

148 65.2 53.4 80.0

75 29.3 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 43.84 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

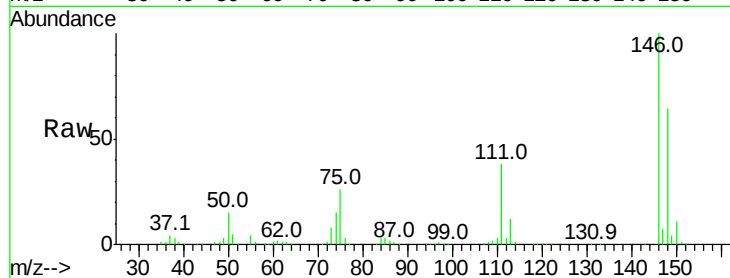
Tot Ion:146 Resp: 649844

Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

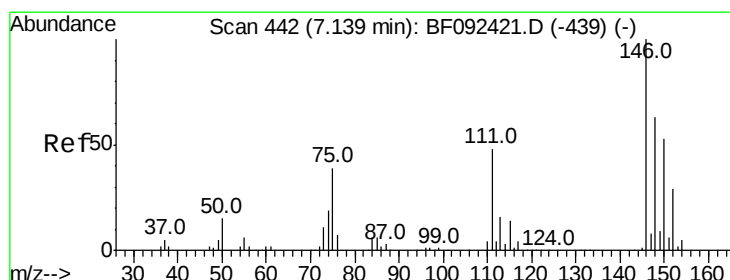
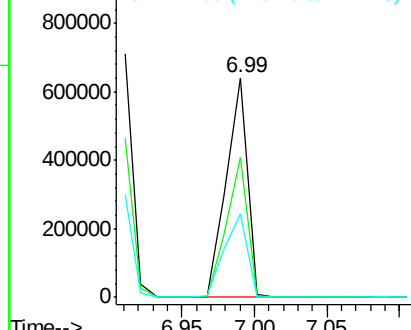
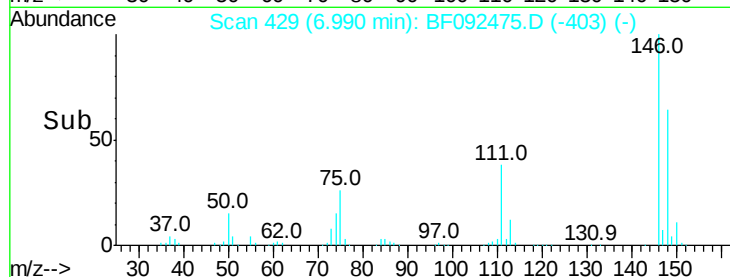
111 38.3 36.2 54.4



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: 39.44 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

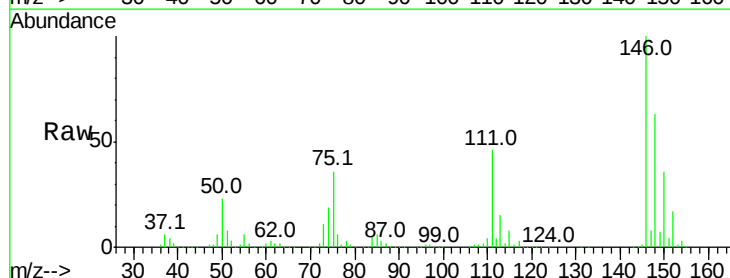
Tgt Ion:146 Resp: 554611

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.2

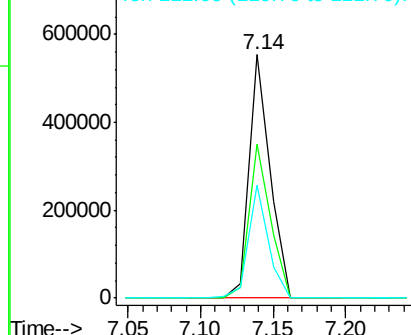
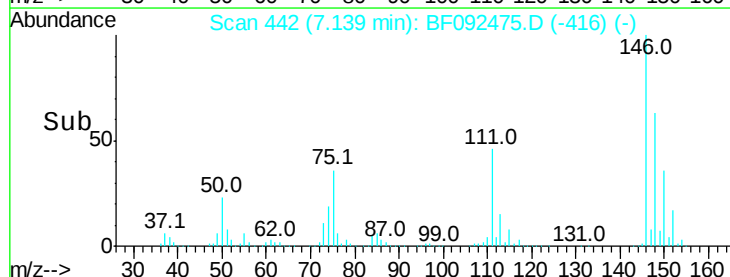
111 46.4 36.2 54.2

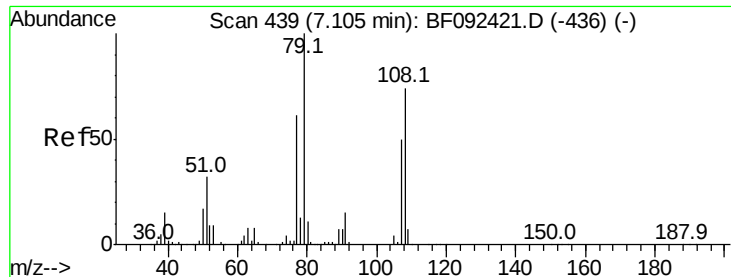


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.64 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampled :

PB96090BS

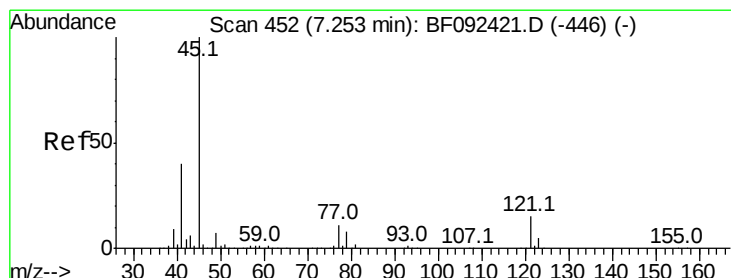
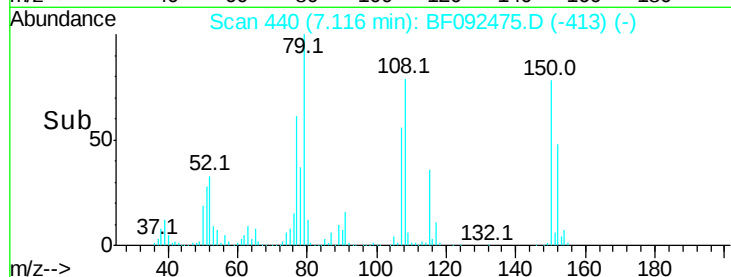
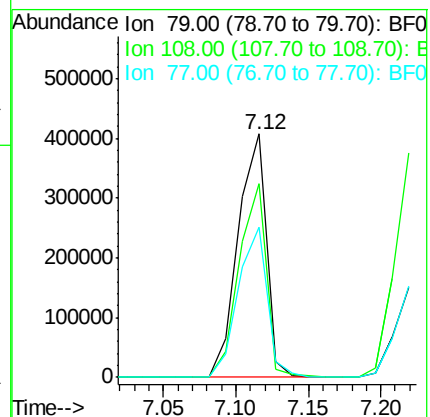
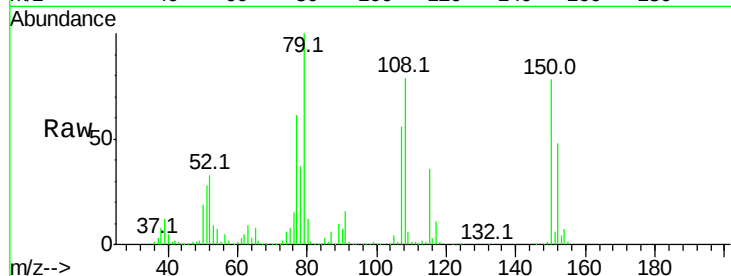
Tot Ion: 79 Resp: 553555

Ion Ratio Lower Upper

79 100

108 79.5 61.4 92.0

77 61.5 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.73 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

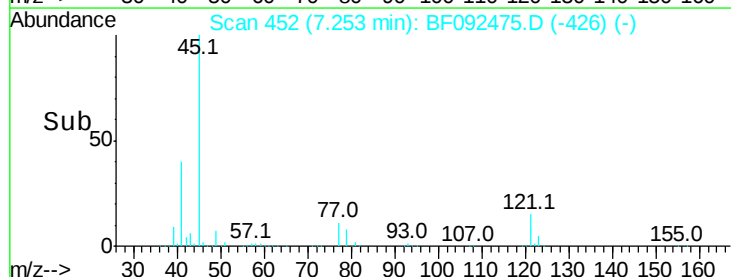
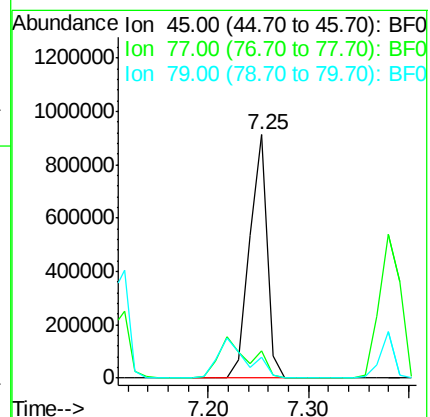
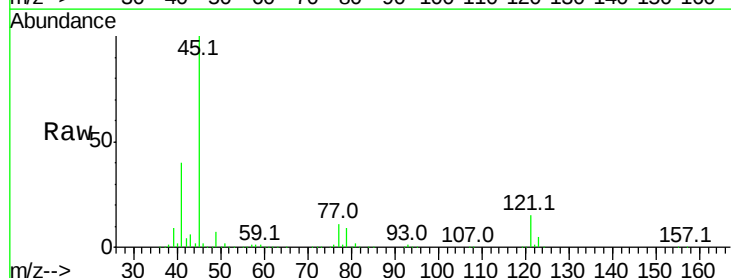
Tgt Ion: 45 Resp: 1098878

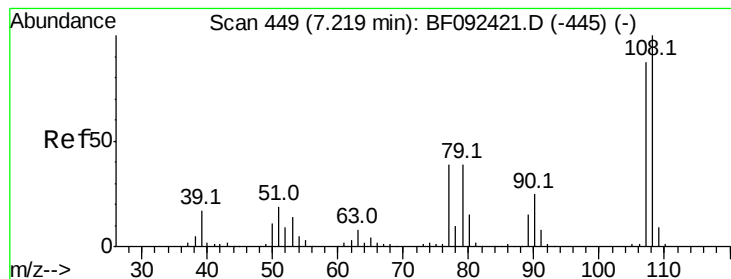
Ion Ratio Lower Upper

45 100

77 11.0 0.0 34.6

79 8.6 0.0 31.2

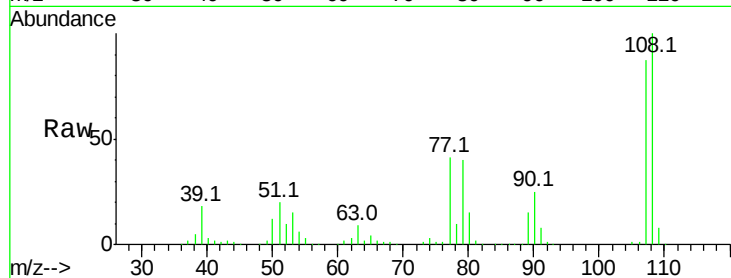




#17
2-Methylphenol
Concen: 48.41 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tot Ion:	107	Resp:	515153
Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.0	139.6
77	46.7	39.8	59.8
79	45.9	38.0	57.0



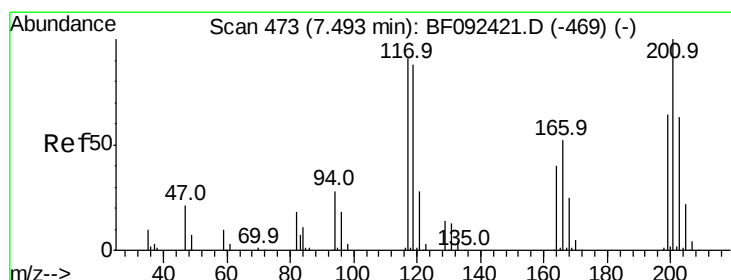
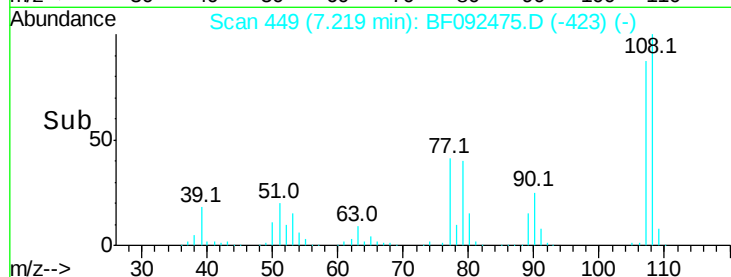
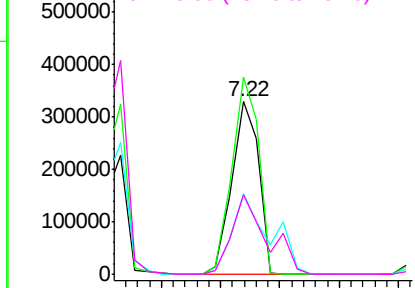
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

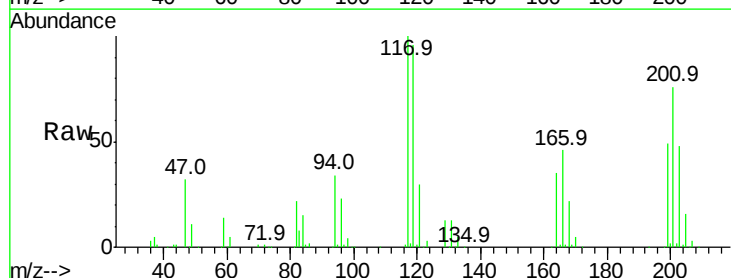
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.11 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Tgt Ion:	117	Resp:	215012
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.1	117.1
201	76.1	78.6	117.8#

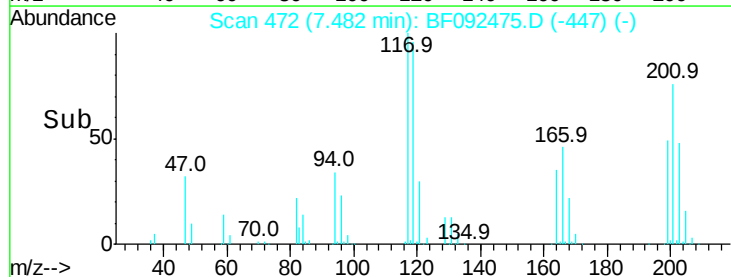
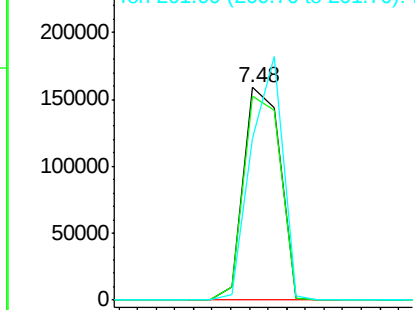


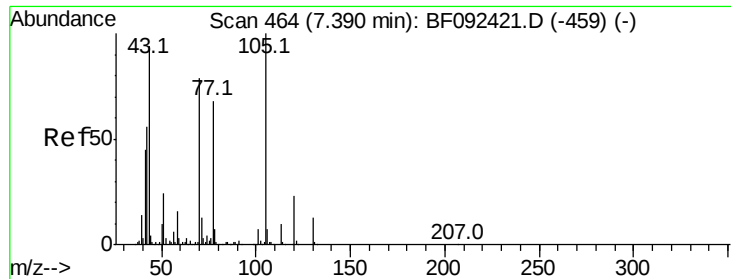
Abundance

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

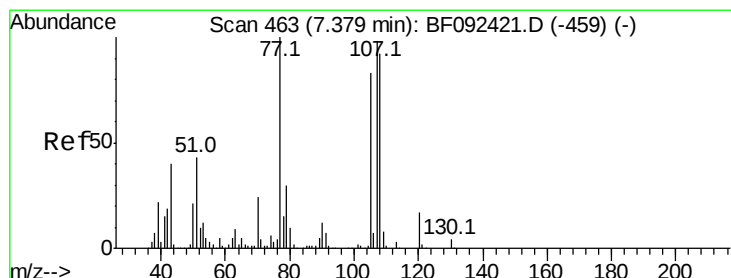
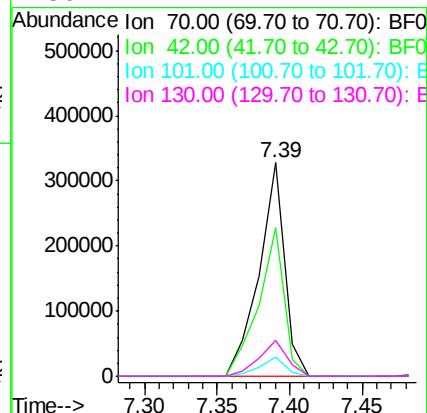
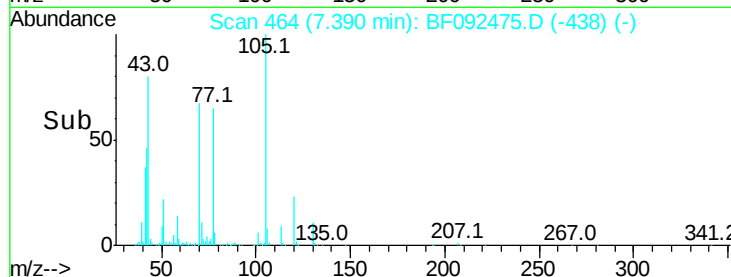
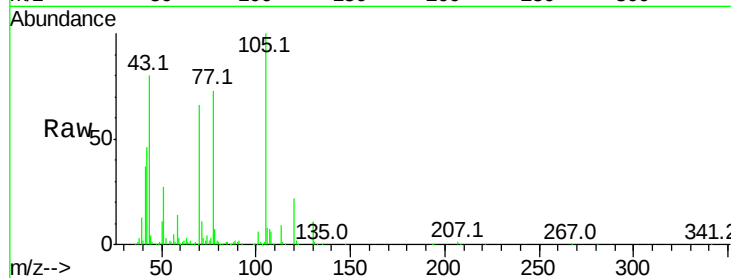




#19
n-Nitroso-di-n-propylamine
Concen: 39.25 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

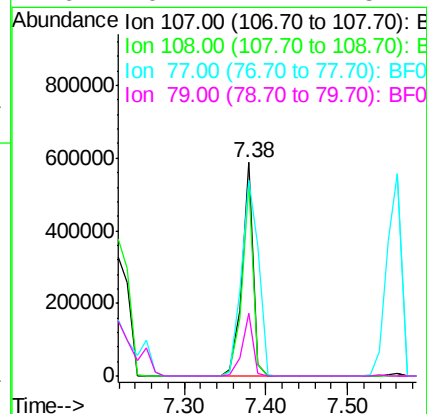
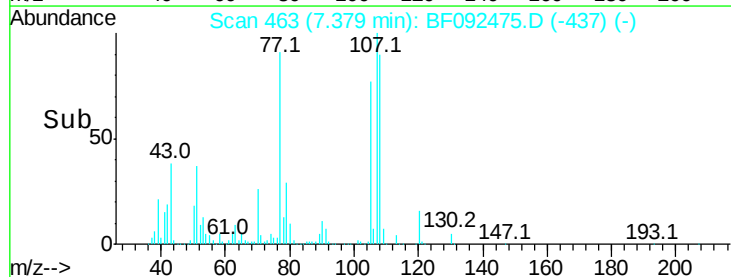
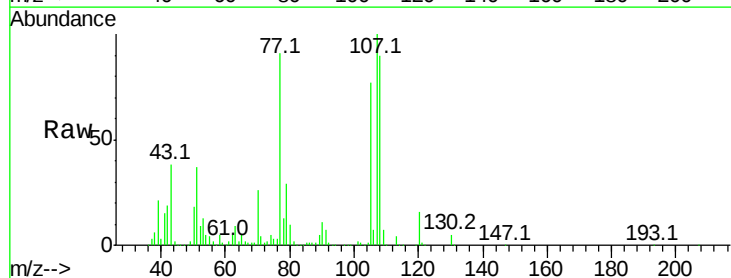
Instrument :
BNA_F
ClientSampleId :
PB96090BS

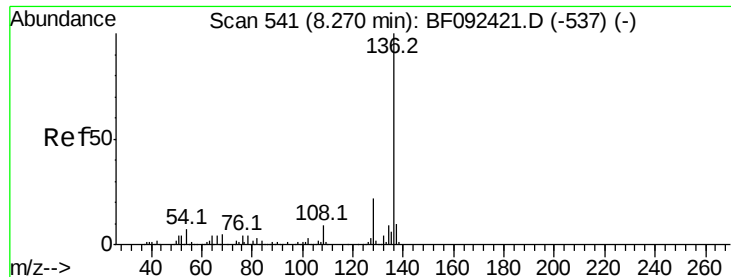
Tot Ion:	70	Resp:	403678
Ion	Ratio	Lower	Upper
70	100		
42	69.7	49.4	74.0
101	8.7	7.4	11.2
130	17.1	14.2	21.4



#20
3+4-Methylphenols
Concen: 43.79 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Tgt Ion:	107	Resp:	565296
Ion	Ratio	Lower	Upper
107	100		
108	90.3	73.0	113.0
77	91.4	71.3	111.3
79	29.4	11.1	51.1

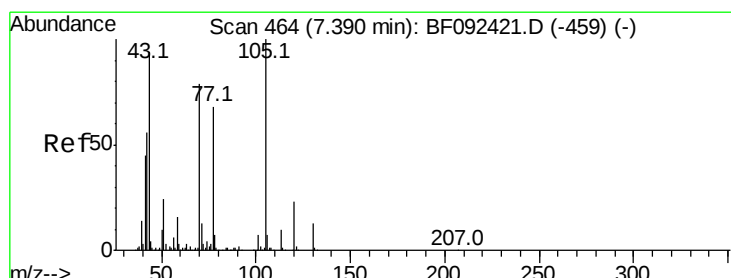
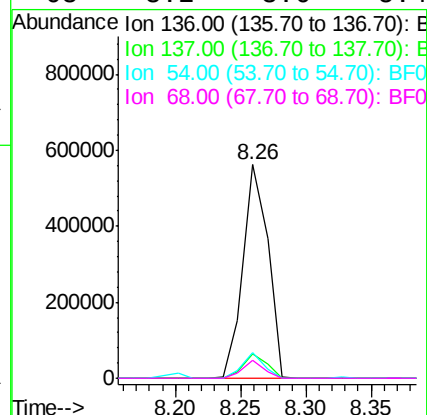
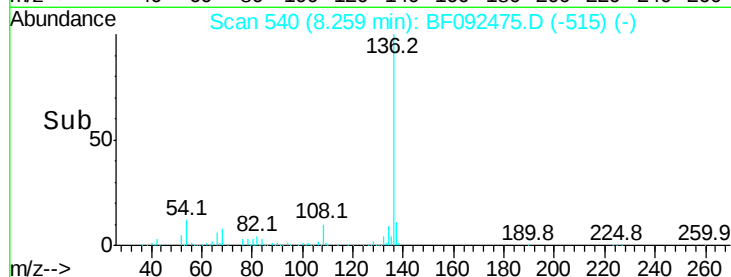
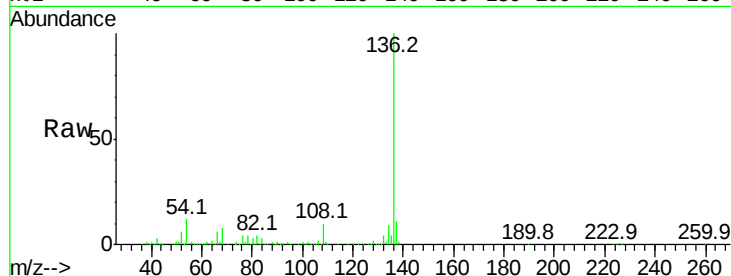




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

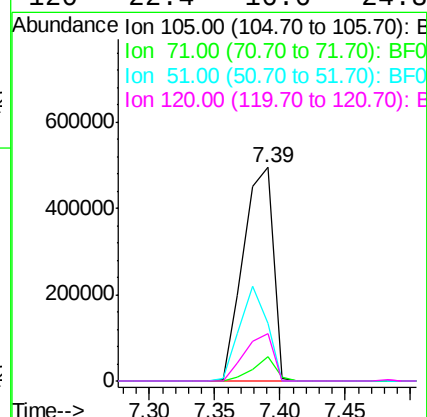
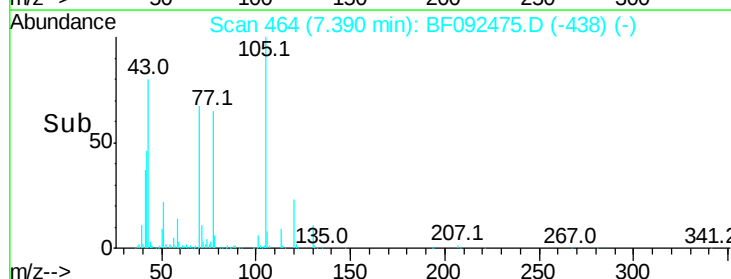
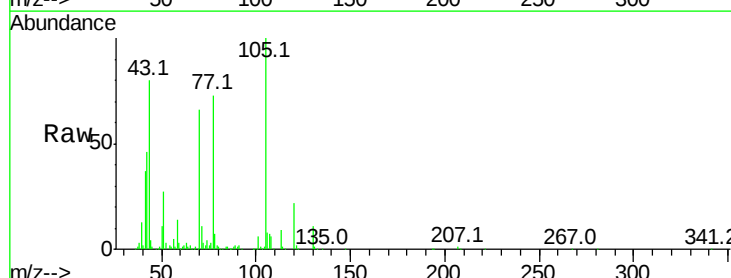
Instrument :
BNA_F
ClientSampleId :
PB96090BS

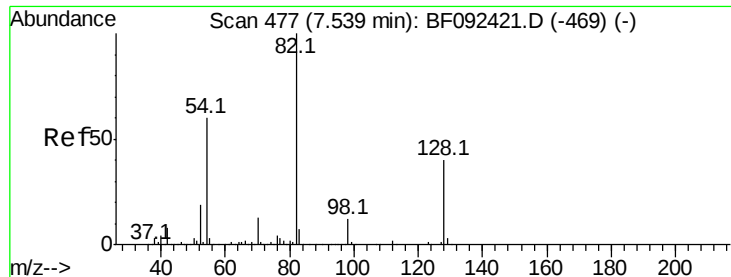
Tot Ion:136	Resp:	746576
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.4	12.6
54 11.9	4.5	6.7#
68 8.2	3.6	5.4#



#22
Acetophenone
Concen: 44.51 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Tgt	Ion:105	Resp:	791362
Ion	Ratio	Lower	Upper
105	100		
71	11.2	3.2	4.8#
51	27.0	26.2	39.4
120	22.4	16.6	24.8

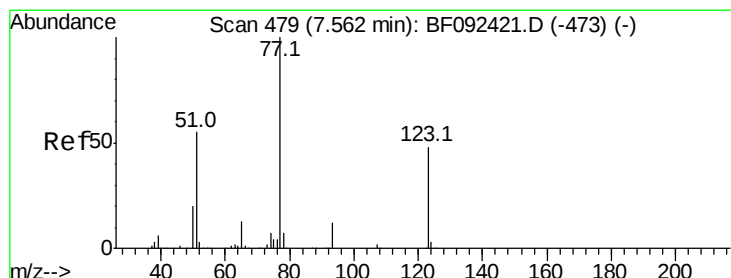
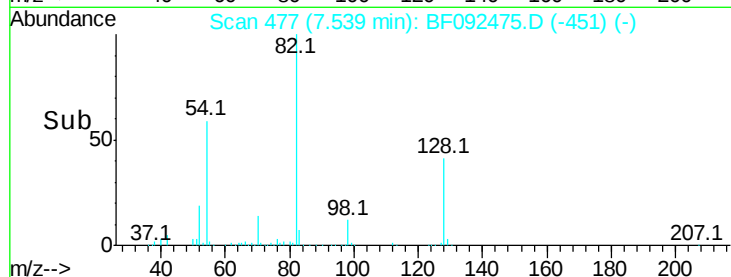
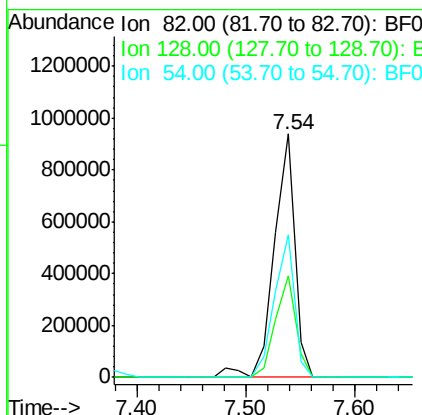
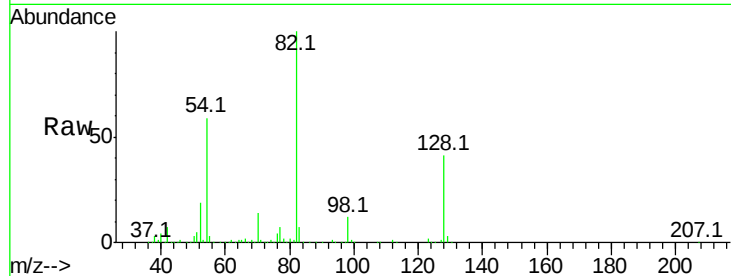




#23
 Nitrobenzene-d5
 Concen: 91.37 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

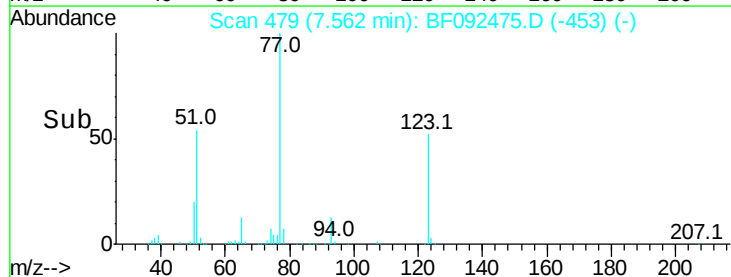
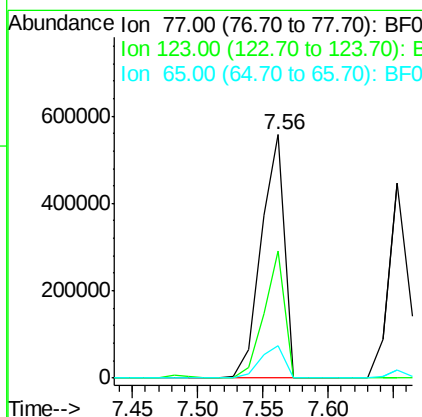
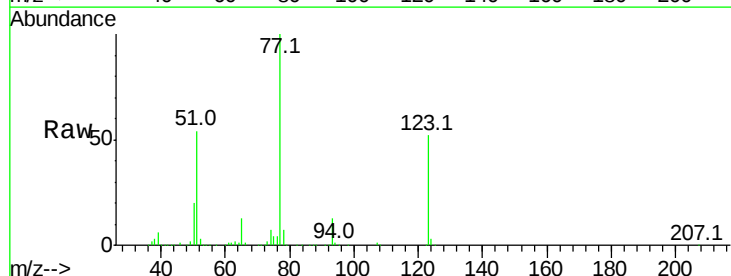
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

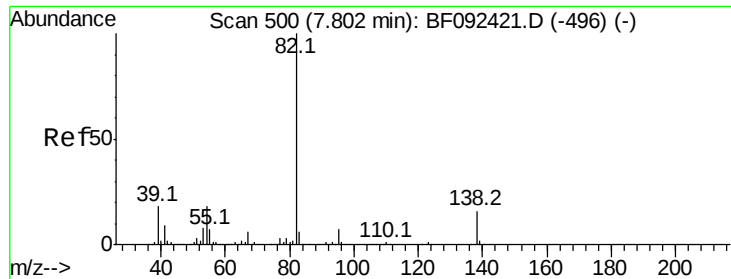
Tot Ion: 82 Resp: 1248839
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.6 52.0
 54 58.6 39.5 59.3



#24
 Nitrobenzene
 Concen: 47.95 ng
 RT: 7.56 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

Tgt Ion: 77 Resp: 686498
 Ion Ratio Lower Upper
 77 100
 123 52.2 33.0 49.4#
 65 13.1 11.2 16.8





#25

Isophorone

Concen: 46.06 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

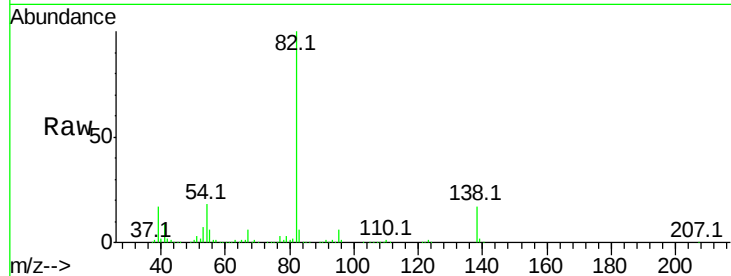
Tot Ion: 82 Resp: 1240644

Ion Ratio Lower Upper

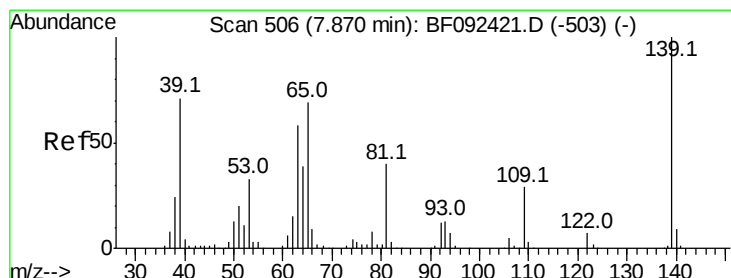
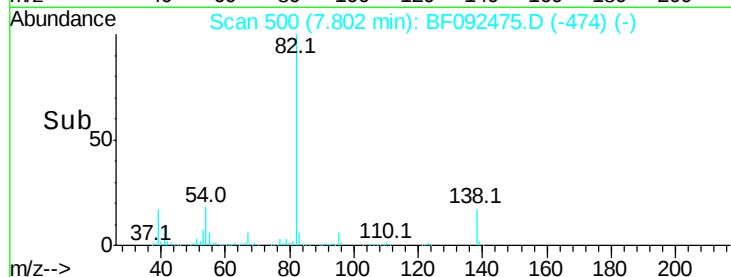
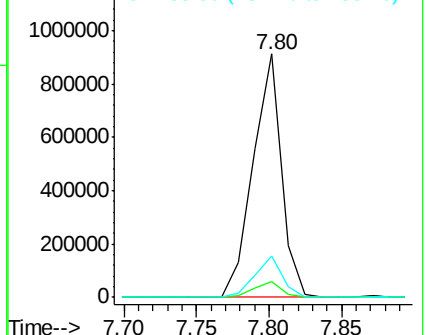
82 100

95 6.5 5.6 8.4

138 17.0 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.96 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

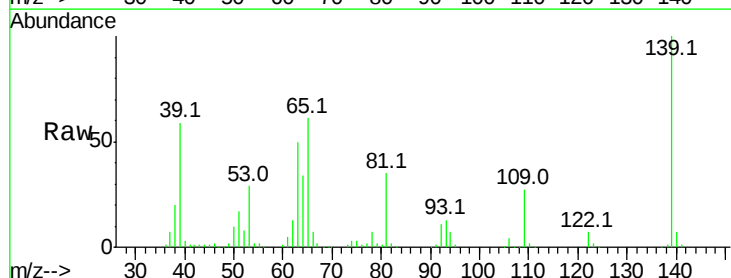
Tgt Ion: 139 Resp: 305737

Ion Ratio Lower Upper

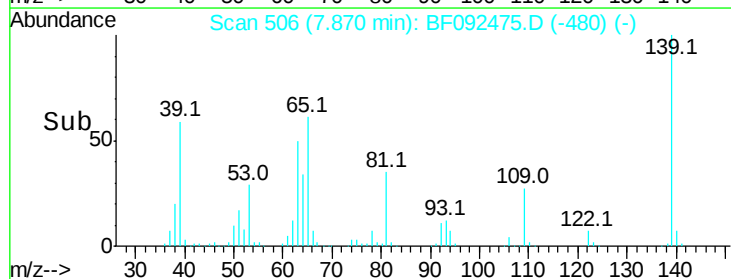
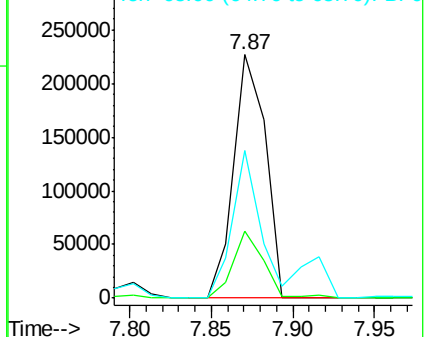
139 100

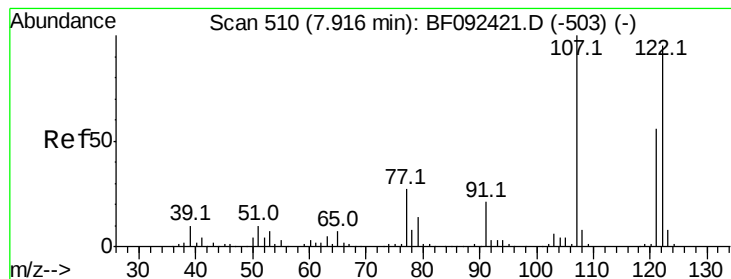
109 27.4 23.3 34.9

65 60.8 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 47.64 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

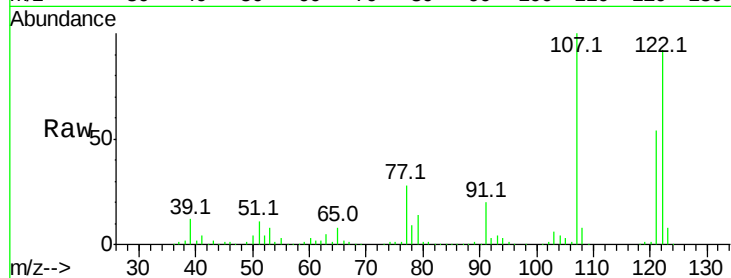
Tot Ion:122 Resp: 594418

Ion Ratio Lower Upper

122 100

107 109.2 94.1 141.1

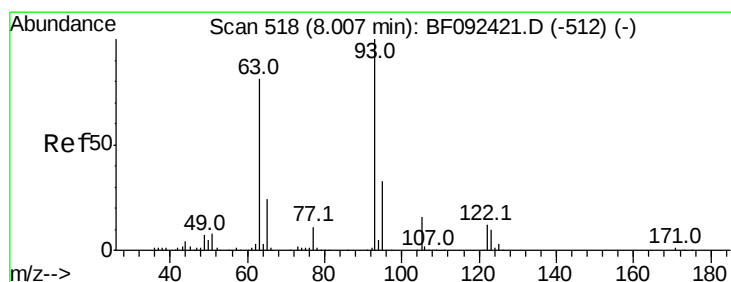
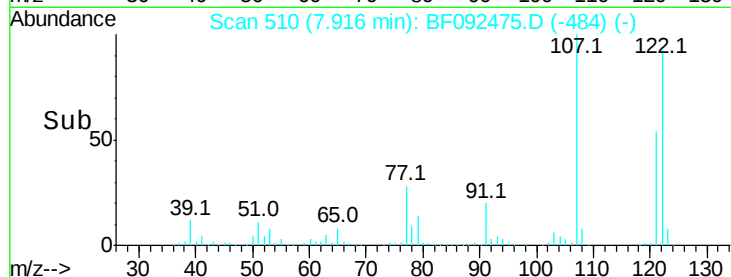
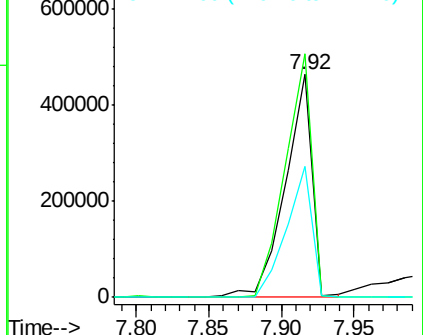
121 58.9 46.0 69.0



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: 41.27 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

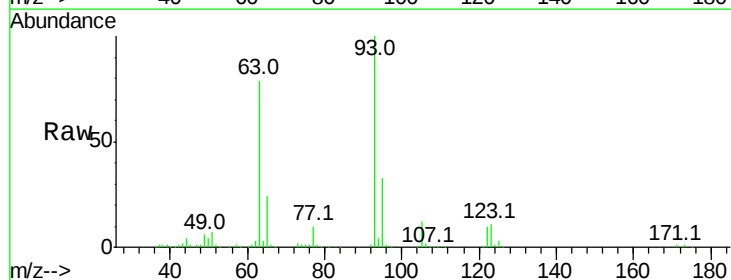
Tgt Ion: 93 Resp: 729615

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

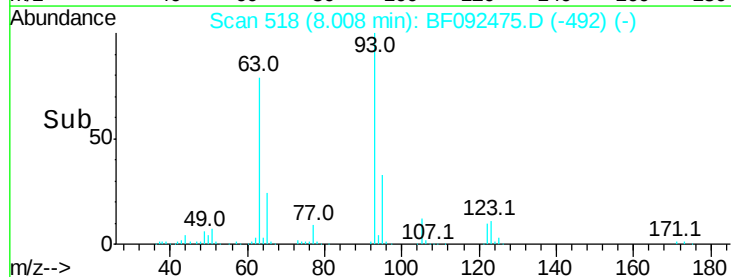
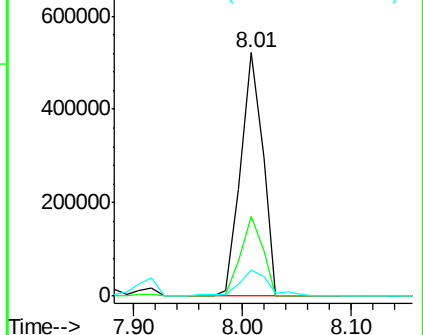
123 10.6 8.6 13.0

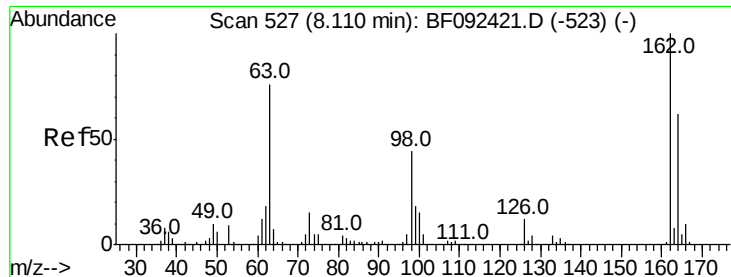


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

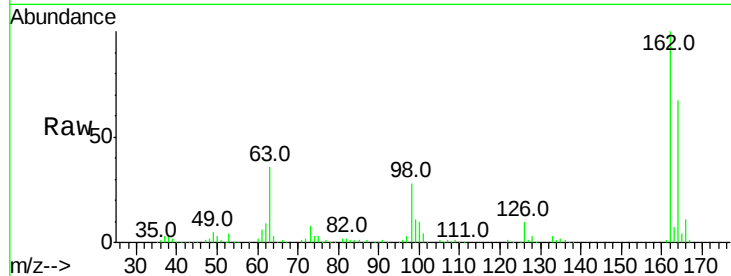




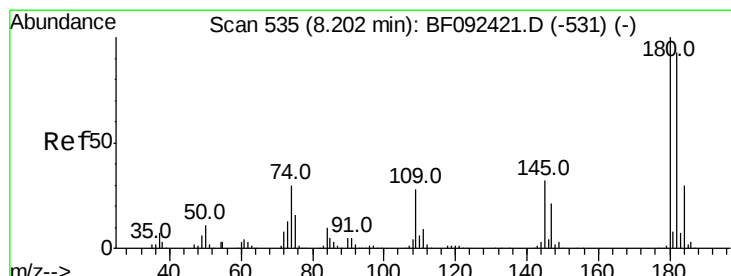
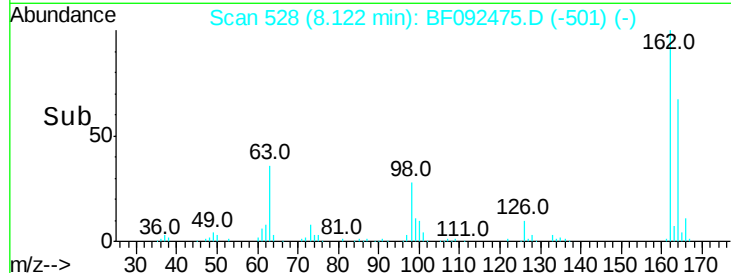
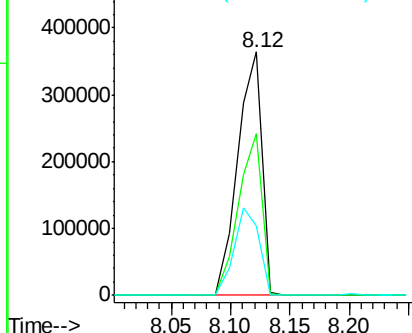
#29
 2,4-Dichlorophenol
 Concen: 47.61 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	46.8	86.8
98	28.4	9.1	49.1

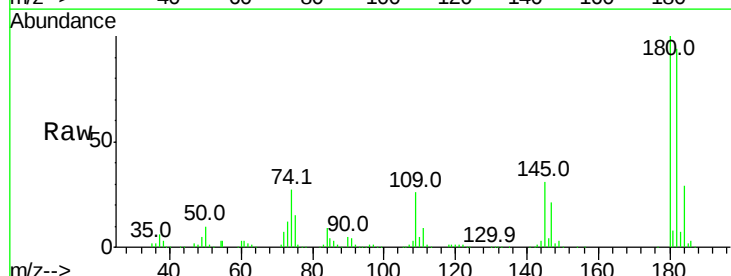


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

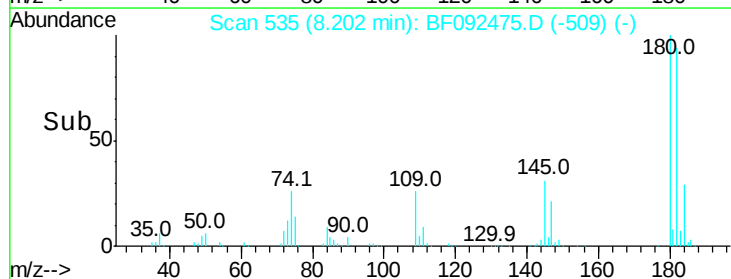
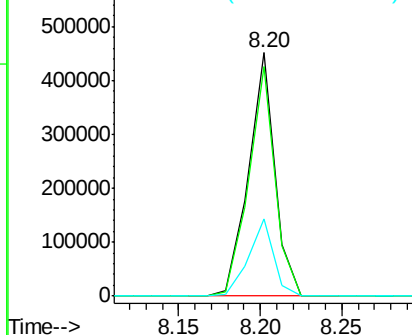


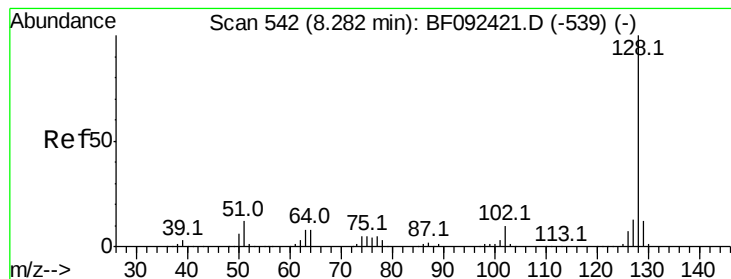
#30
 1,2,4-Trichlorobenzene
 Concen: 43.04 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	78.2	117.4
145	31.5	21.6	32.4



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





#31

Naphthalene

Concen: 40.63 ng

RT: 8.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

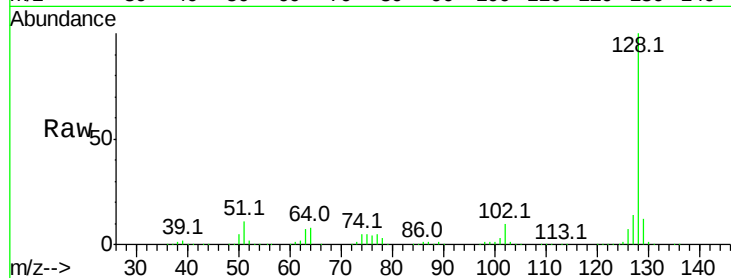
Tot Ion:128 Resp: 1552539

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

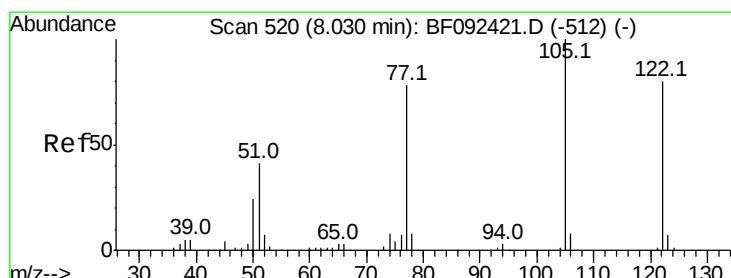
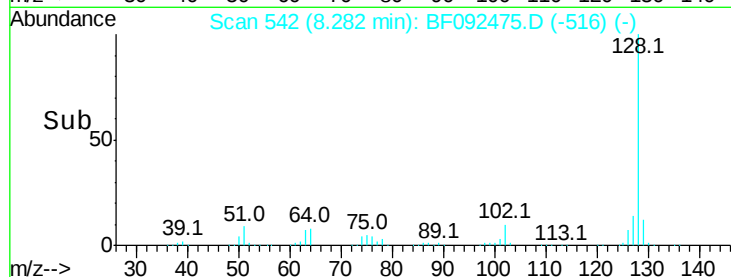
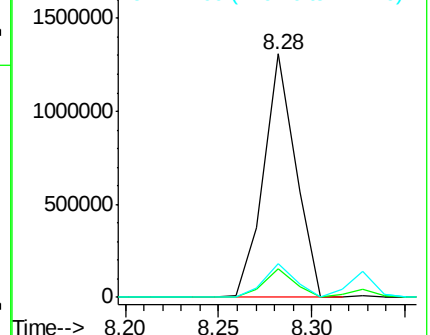
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.63 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

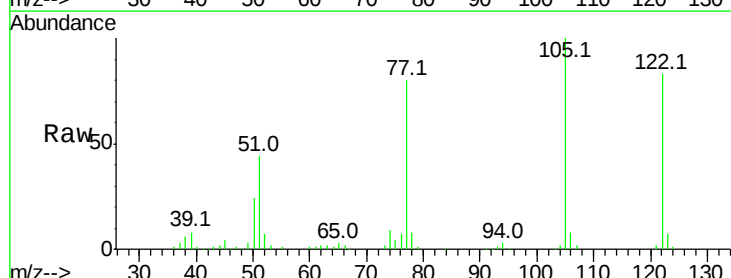
Tgt Ion:122 Resp: 371510

Ion Ratio Lower Upper

122 100

105 120.9 107.2 147.2

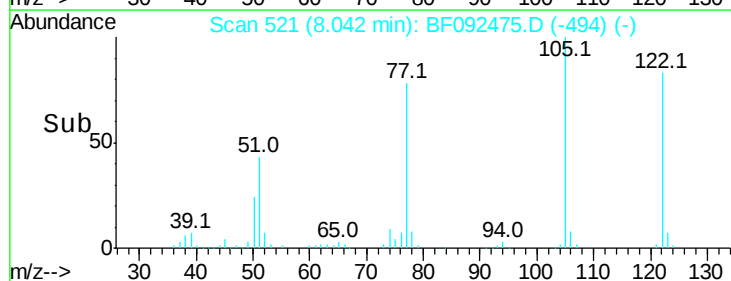
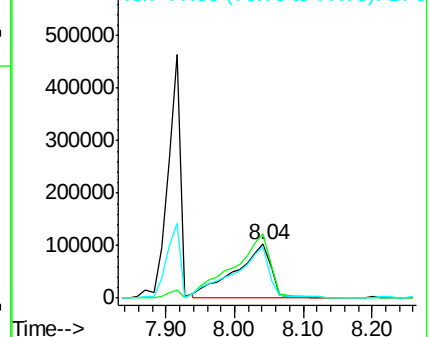
77 96.9 74.5 114.5

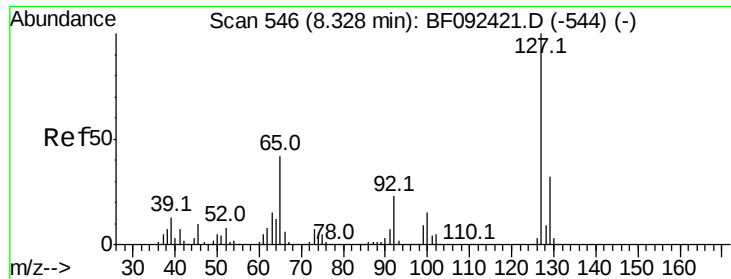


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

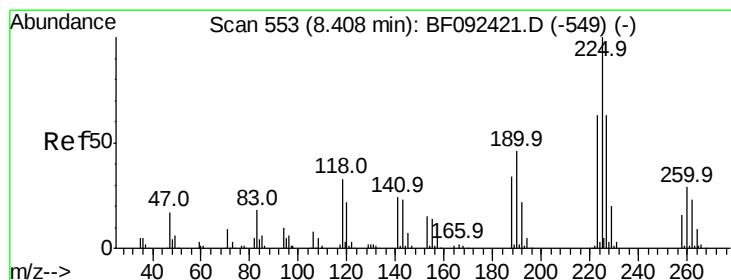
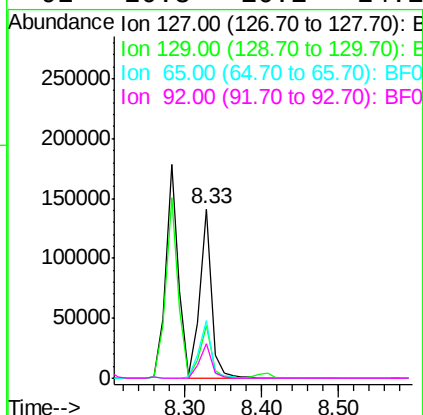
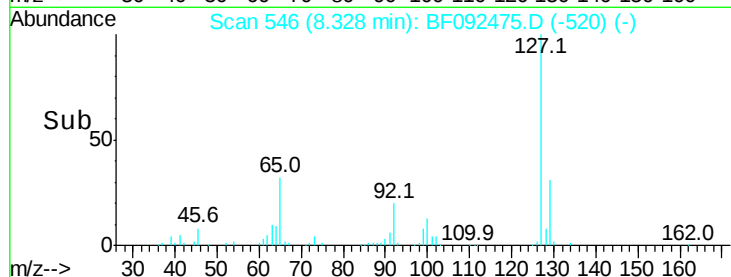
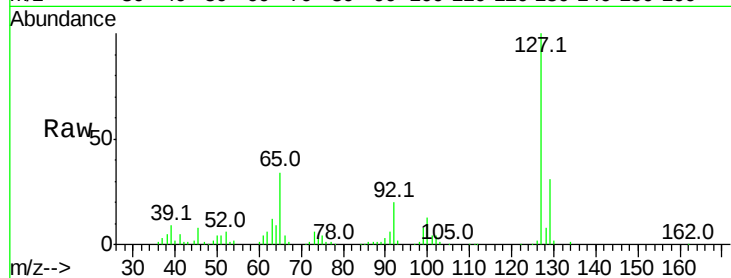




#33
4-Chloroaniline
Concen: 9.26 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

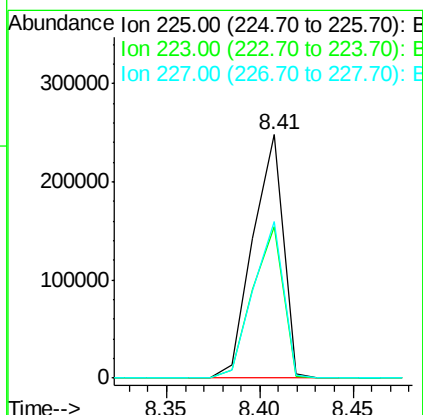
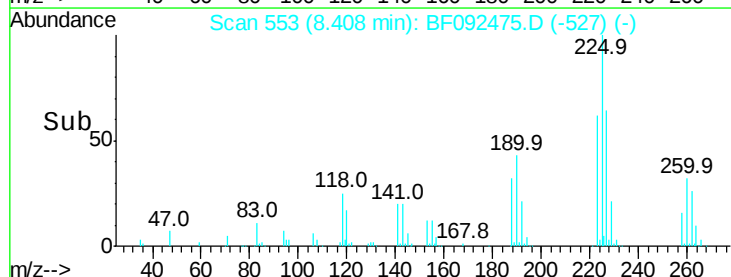
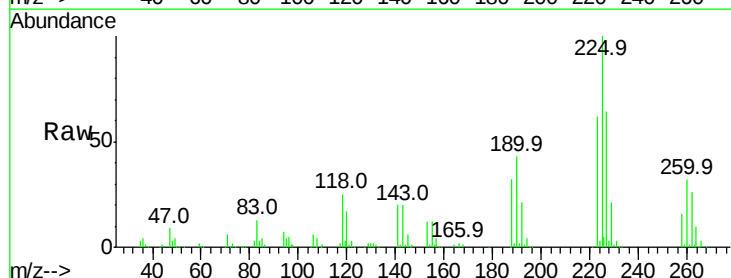
Instrument :
BNA_F
ClientSampleId :
PB96090BS

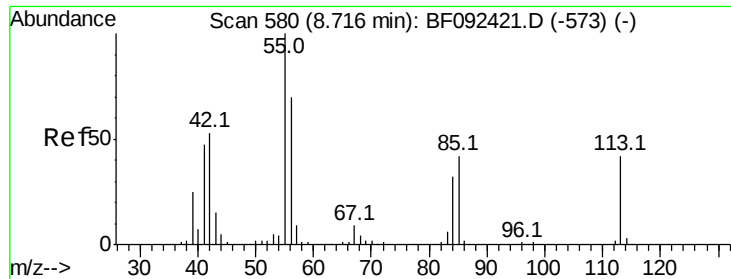
Tot Ion:	127	Resp:	149735
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	34.3	25.8	38.8
92	20.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 43.75 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Tgt Ion:	225	Resp:	279810
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	64.3	50.6	76.0

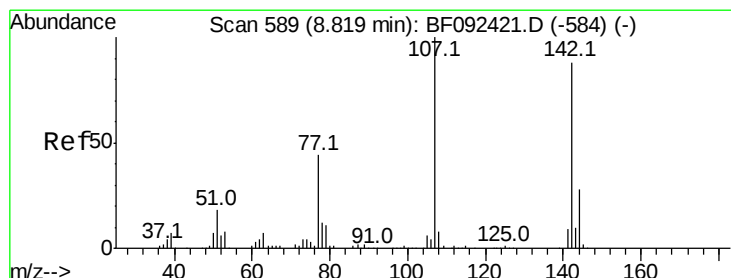
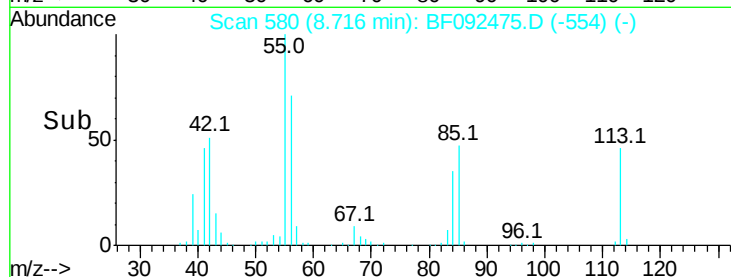
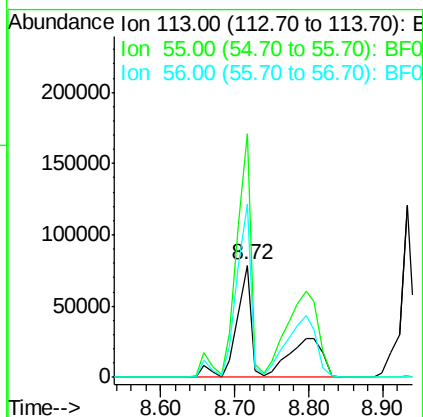
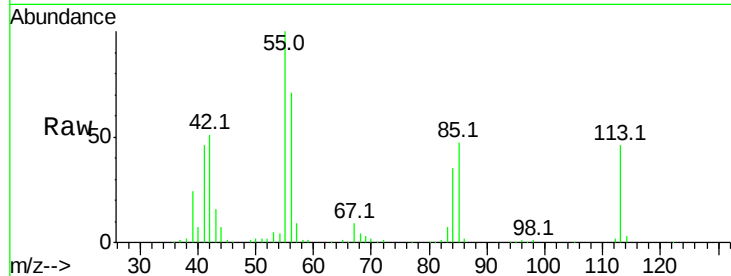




#35
Caprolactam
Concen: 53.04 ng/ml
RT: 8.72 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

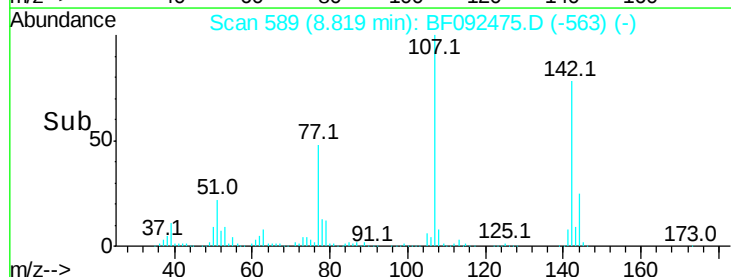
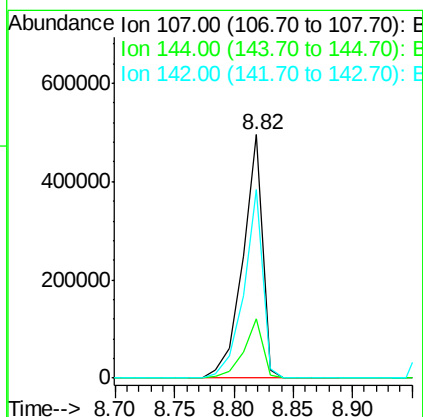
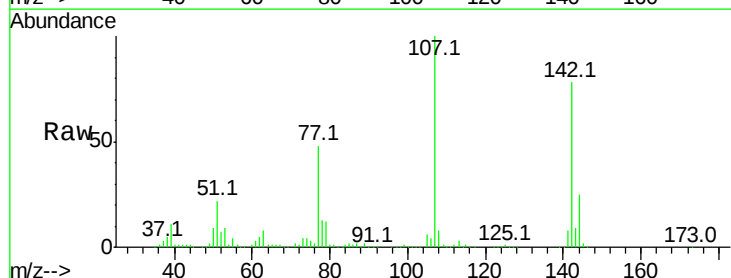
Instrument :
BNA_F
ClientSampleID :
PB96090BS

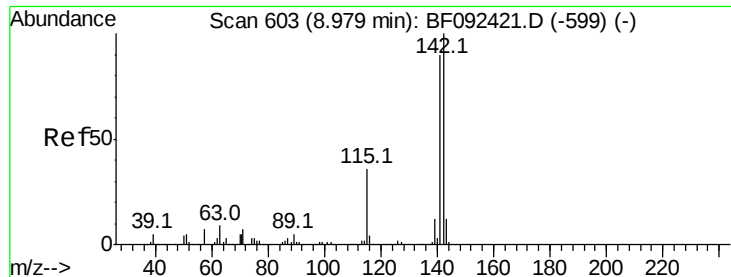
Tot Ion:113 Resp: 191603
Ion Ratio Lower Upper
113 100
55 217.6 119.2 159.2#
56 155.0 83.8 123.8#



#36
4-Chloro-3-methylphenol
Concen: 49.49 ng/ml
RT: 8.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Tgt Ion:107 Resp: 577352
Ion Ratio Lower Upper
107 100
144 24.5 19.3 28.9
142 77.6 59.0 88.6





#37

2-Methylnaphthalene

Concen: 43.10 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

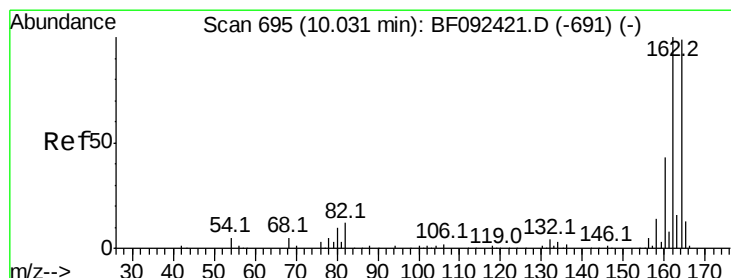
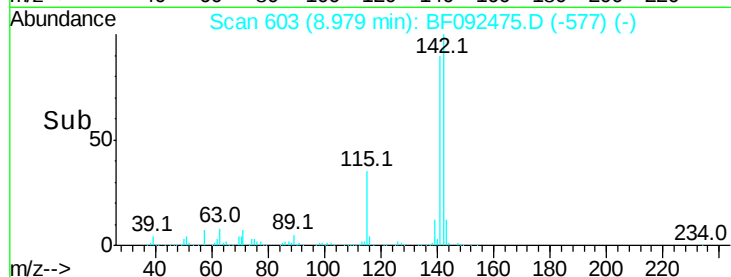
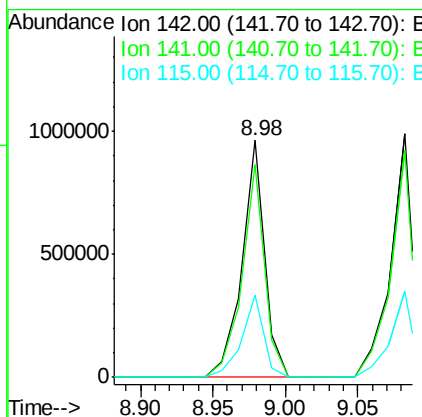
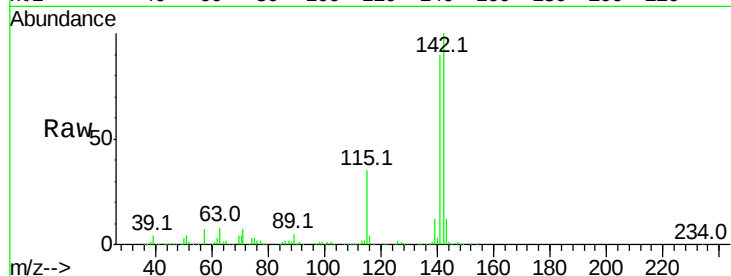
Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tot Ion:142 Resp: 1042567

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	34.6	28.3	42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

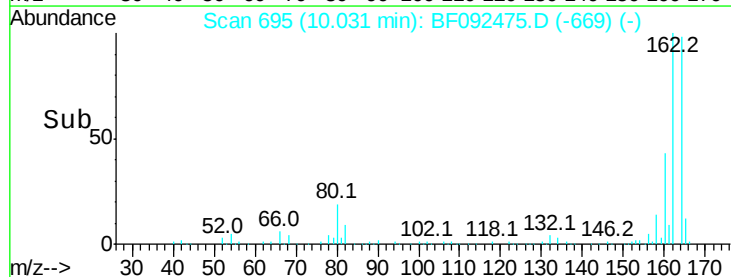
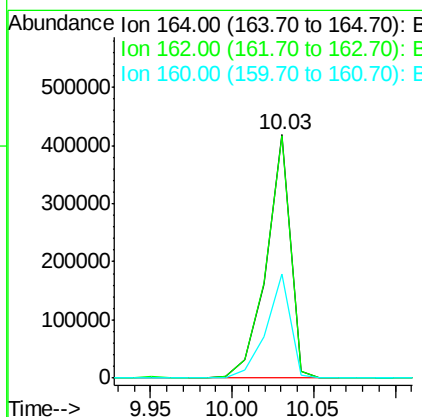
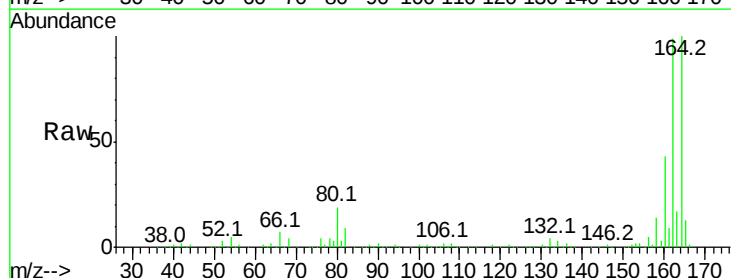
Delta R.T. 0.00 min

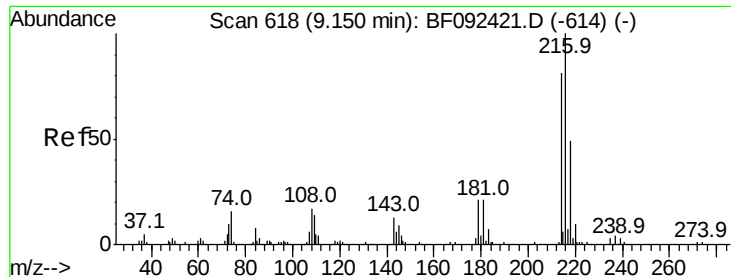
Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Tgt Ion:164 Resp: 428250

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.2	120.2
160	42.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.51 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

Tot Ion:216 Resp: 491662

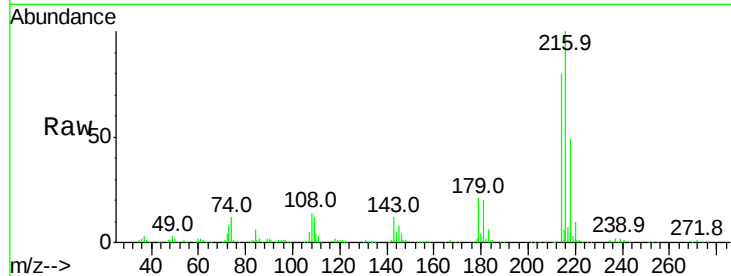
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.0

179 21.8 17.4 26.2

108 20.3 15.6 23.4

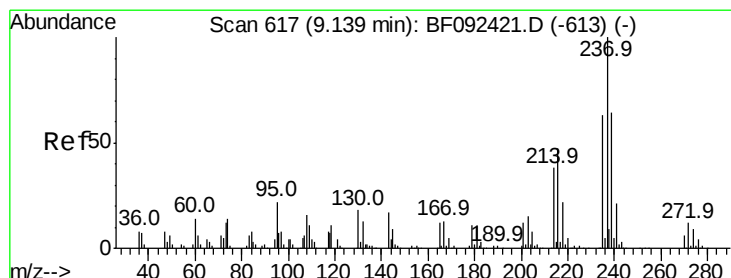
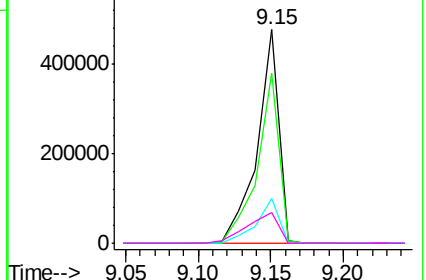
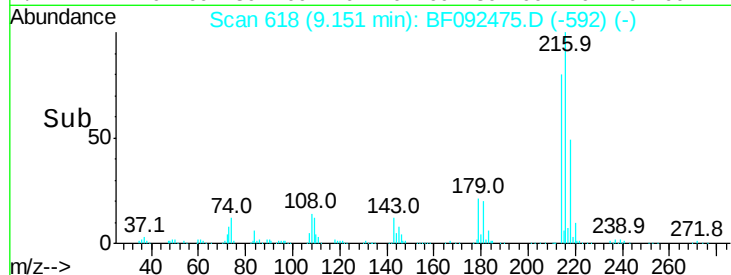


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.86 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

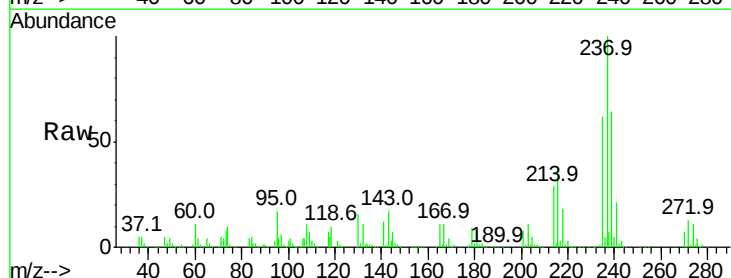
Tgt Ion:237 Resp: 496972

Ion Ratio Lower Upper

237 100

235 62.4 41.2 81.2

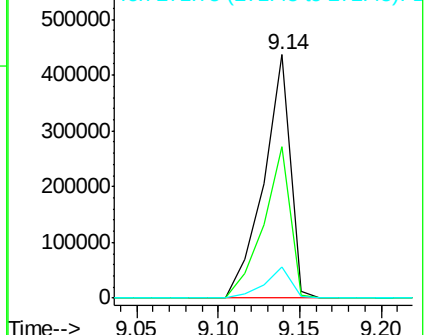
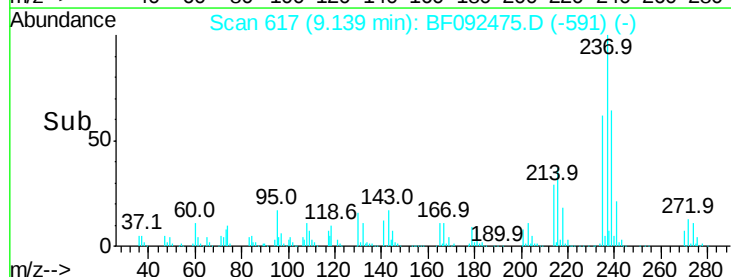
272 12.8 0.0 35.4

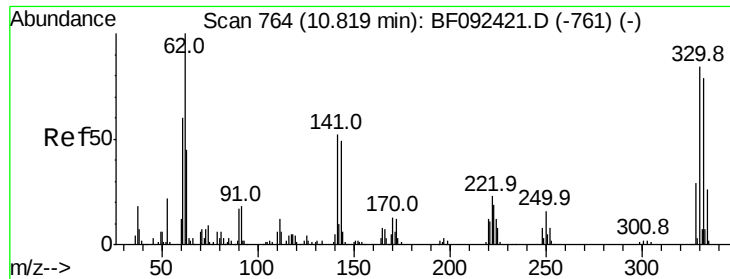


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 121.08 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

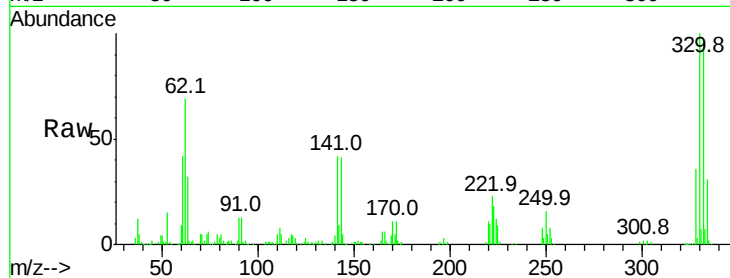
Tot Ion:330 Resp: 353349

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.2

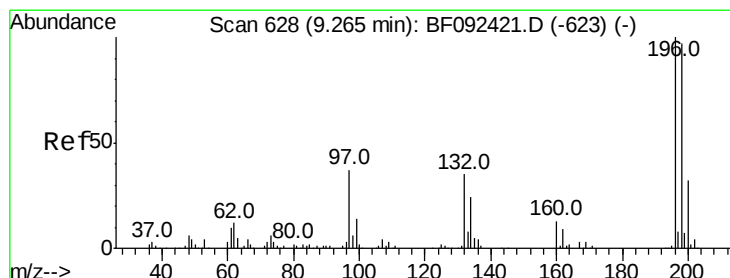
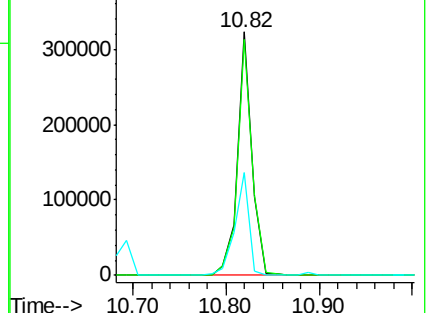
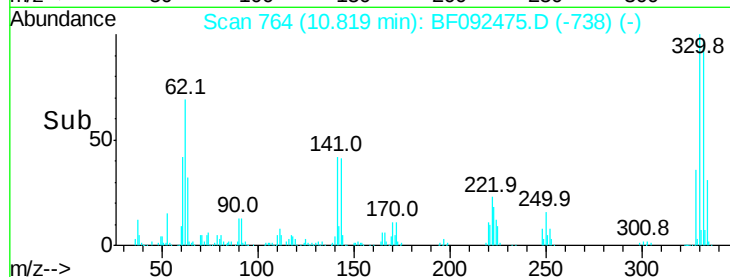
141 41.0 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 46.05 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

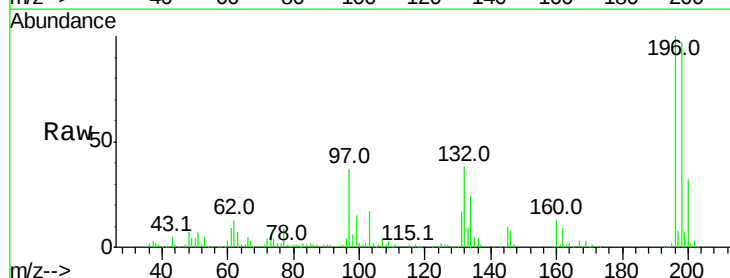
Tgt Ion:196 Resp: 381137

Ion Ratio Lower Upper

196 100

198 96.9 82.1 123.1

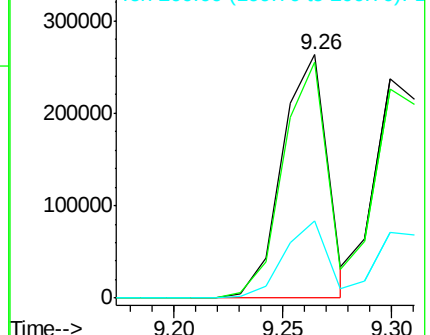
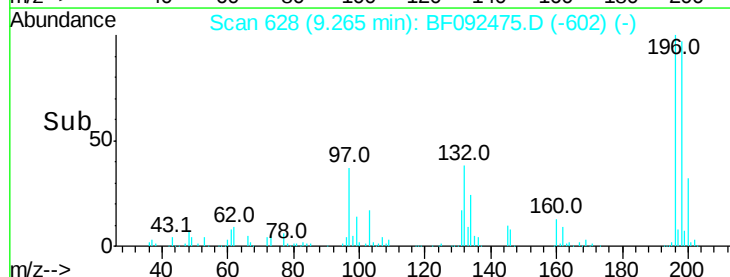
200 31.9 27.0 40.4

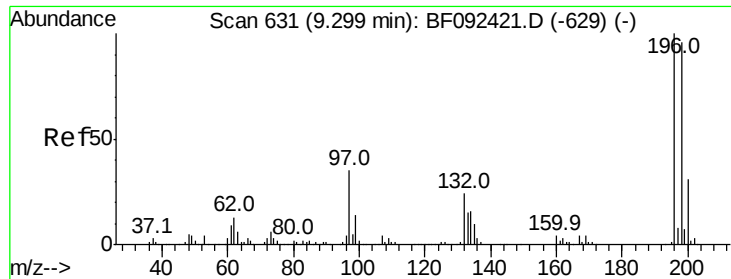


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

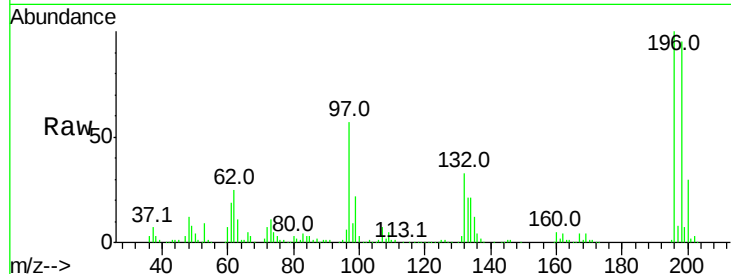




#43
 2,4,5-Trichlorophenol
 Concen: 47.48 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	79.4	119.2
97	56.9	51.5	77.3
132	32.5	27.4	41.2



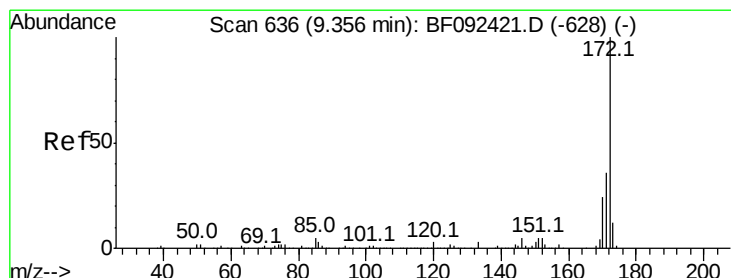
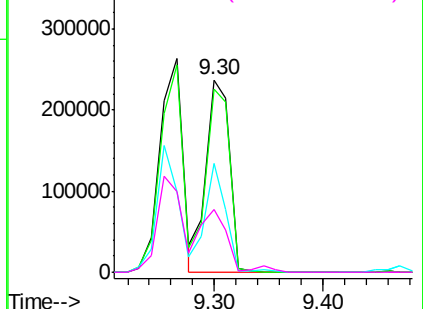
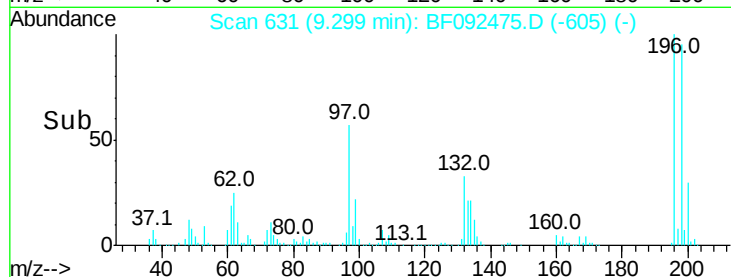
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

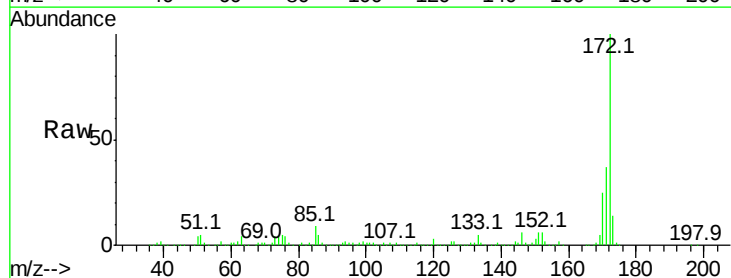
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.40 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.6	20.2	30.4

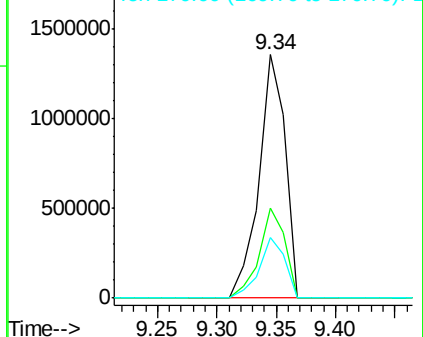
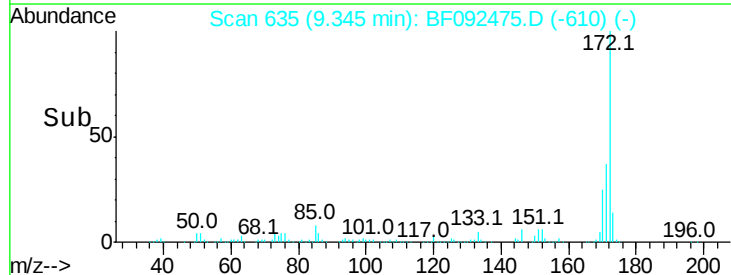


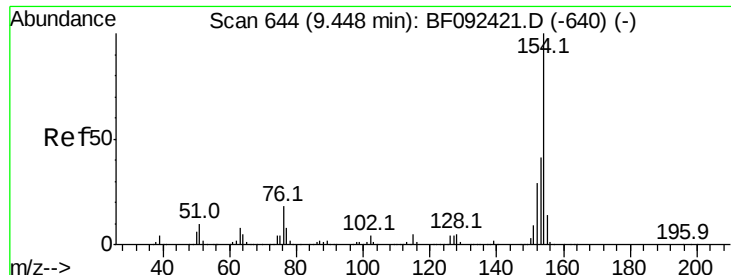
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



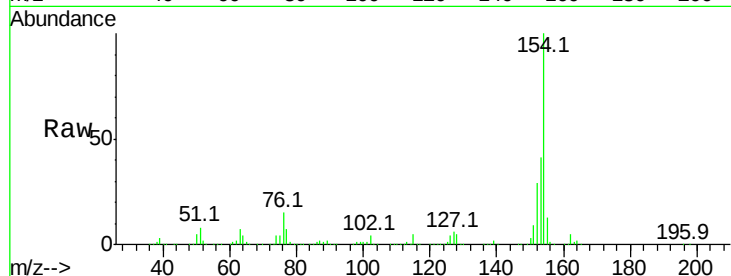


#45
 1,1'-Biphenyl
 Concen: 40.51 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

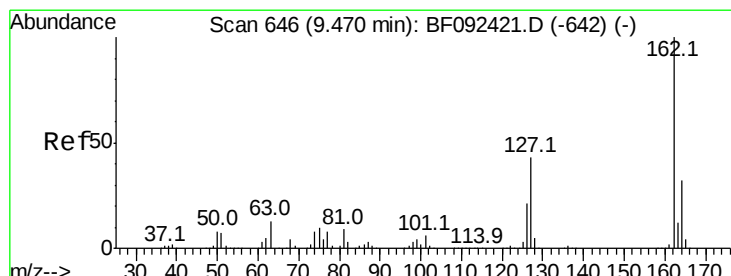
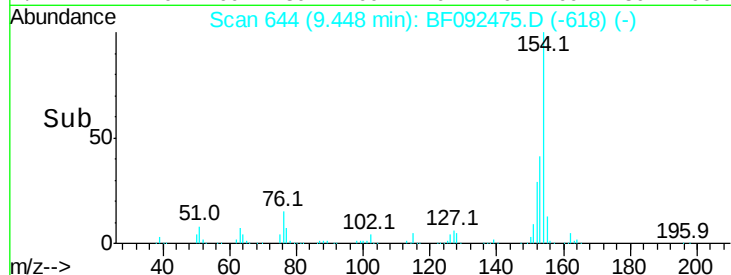
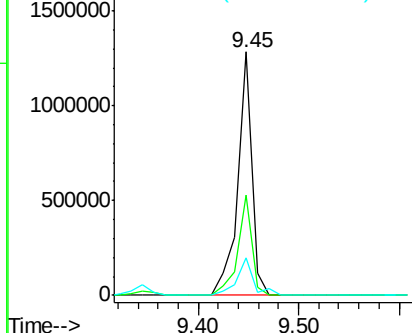
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tot Ion:154 Resp: 1253927

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.9	60.9
76	15.3	0.0	30.5



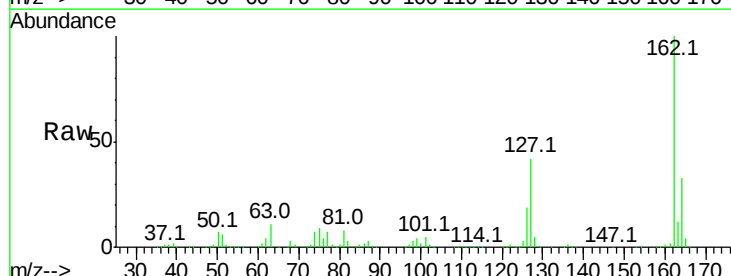
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



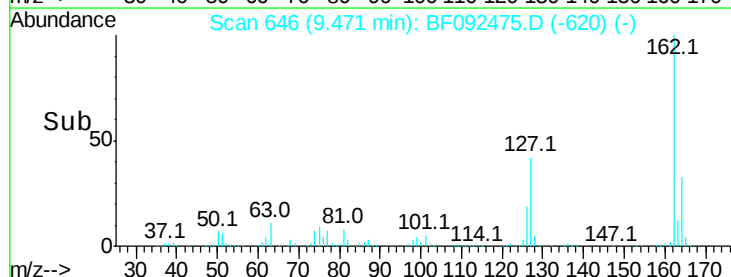
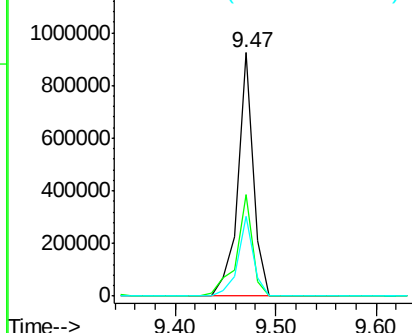
#46
 2-Chloronaphthalene
 Concen: 38.85 ng
 RT: 9.47 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

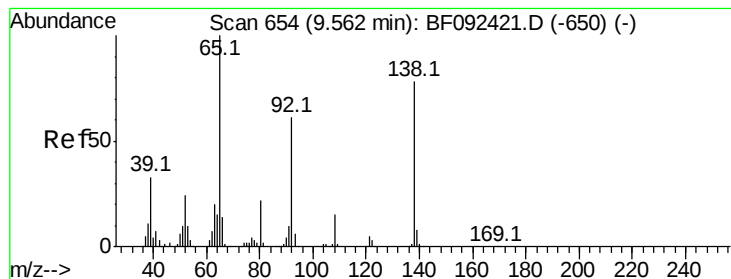
Tgt Ion:162 Resp: 982268

Ion	Ratio	Lower	Upper
162	100		
127	41.8	30.7	46.1
164	32.7	27.6	41.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.85 ng

RT: 9.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

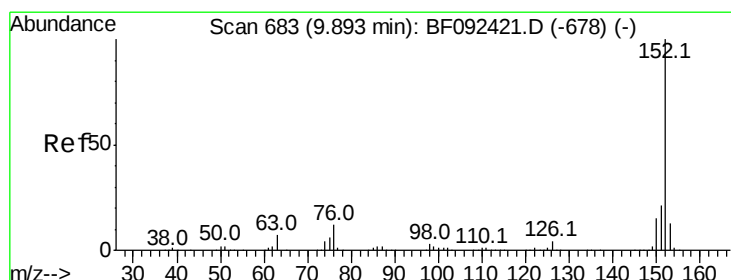
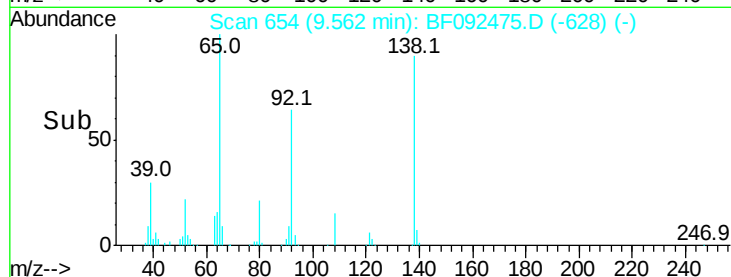
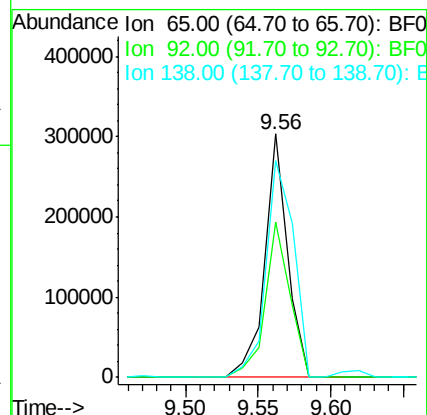
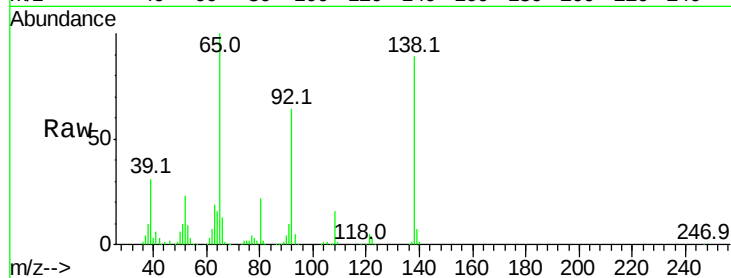
Tot Ion: 65 Resp: 330832

Ion Ratio Lower Upper

65 100

92 63.8 53.9 80.9

138 89.1 76.8 115.2



#48

Acenaphthylene

Concen: 46.16 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

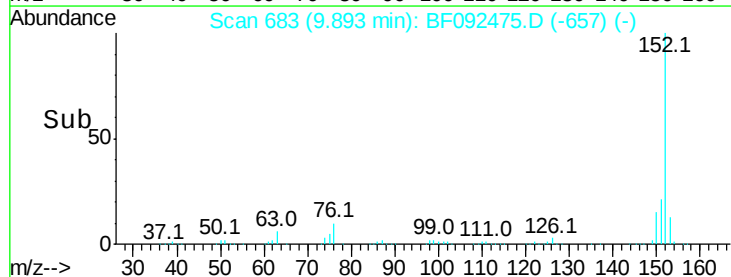
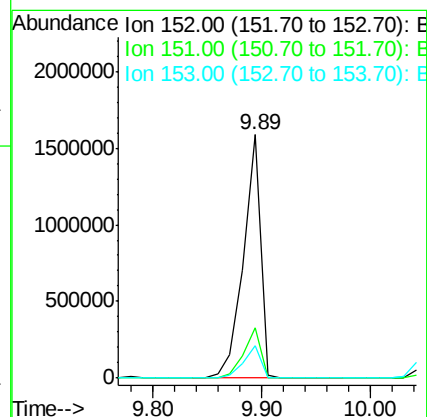
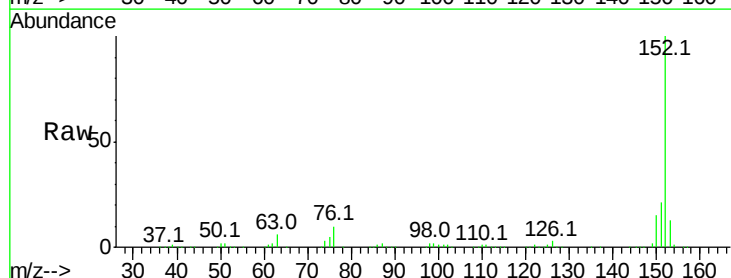
Tgt Ion: 152 Resp: 1711803

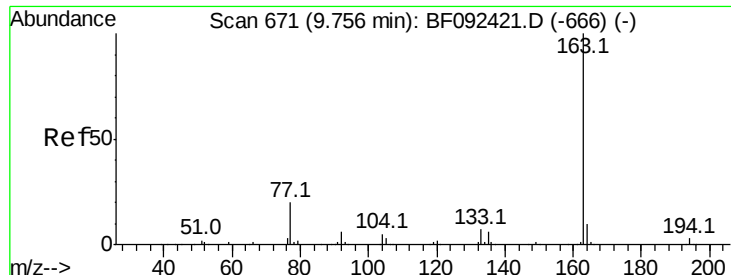
Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 13.4 11.4 17.2

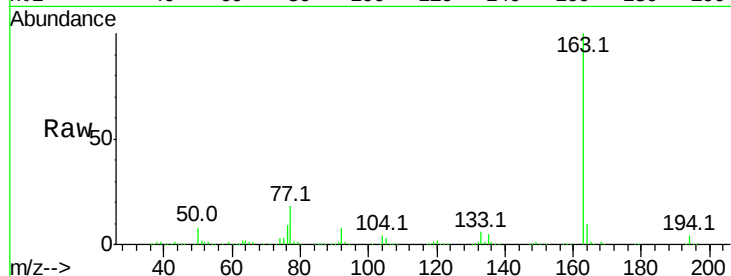




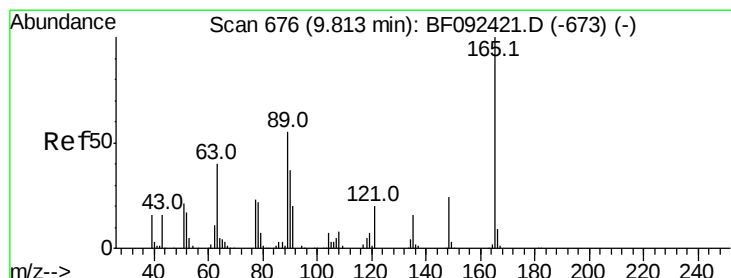
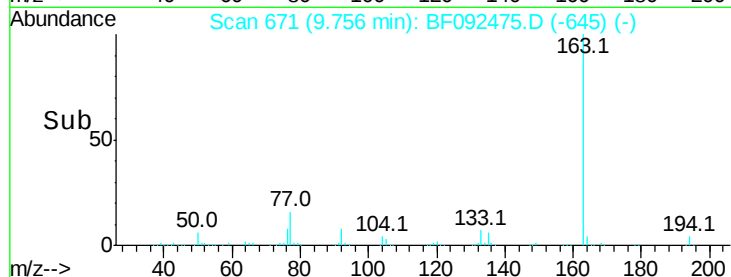
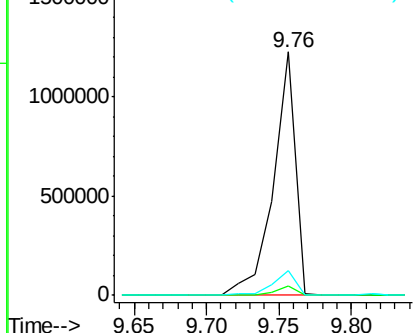
#49
Dimethylphthalate
Concen: 47.48 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tot Ion:163 Resp: 1293048
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.0 12.0

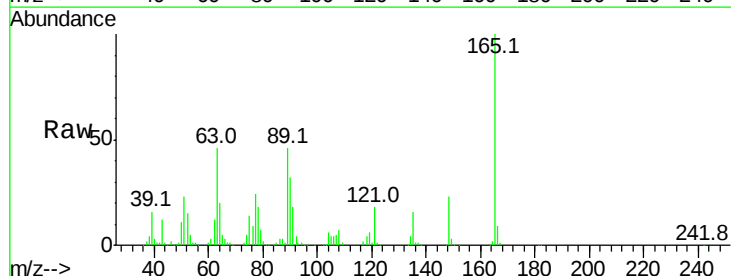


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

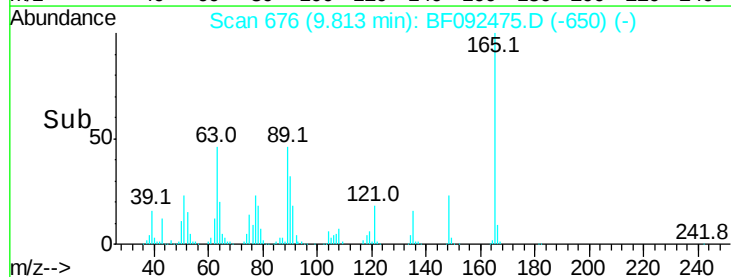
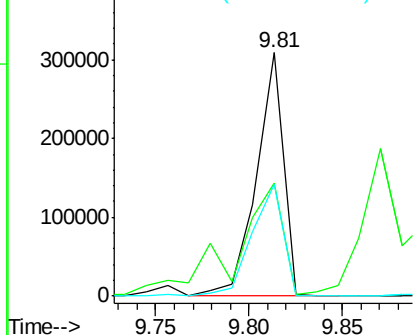


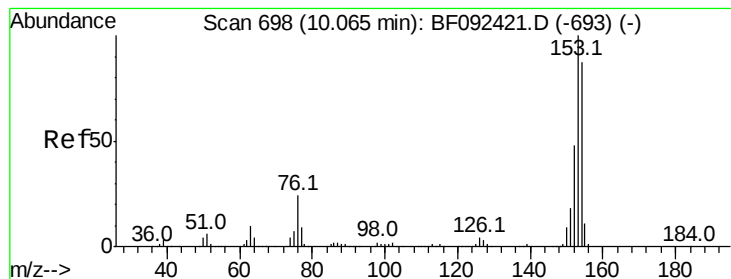
#50
2,6-Dinitrotoluene
Concen: 55.22 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Tgt Ion:165 Resp: 307395
Ion Ratio Lower Upper
165 100
63 46.2 36.2 54.4
89 45.7 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: 50.50 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

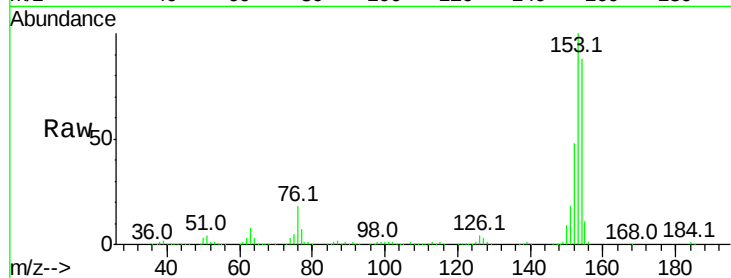
Tot Ion:154 Resp: 1163610

Ion Ratio Lower Upper

154 100

153 113.2 88.6 133.0

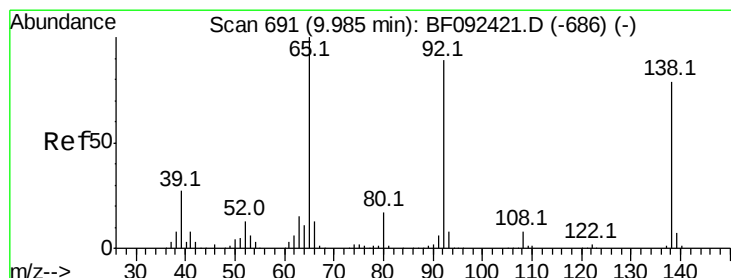
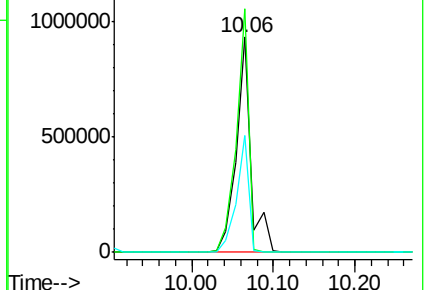
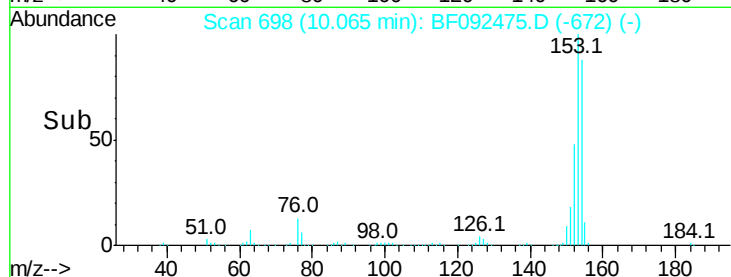
152 54.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.37 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

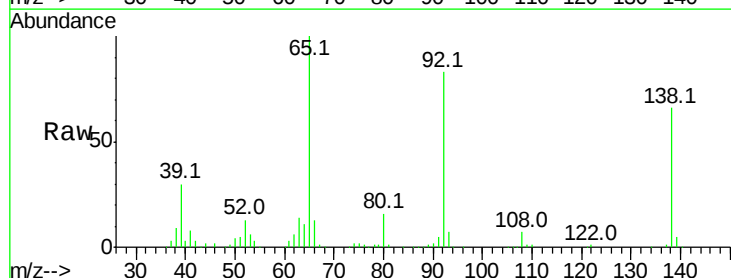
Tgt Ion:138 Resp: 128040

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

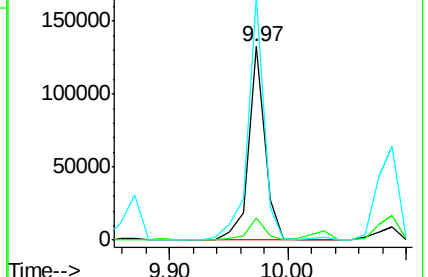
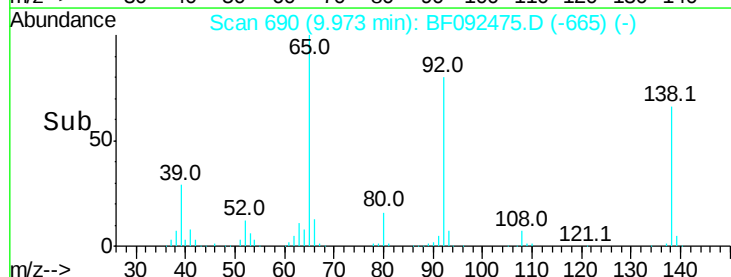
92 125.8 97.8 146.8

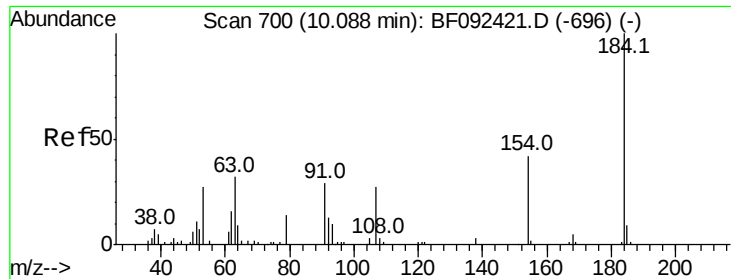


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

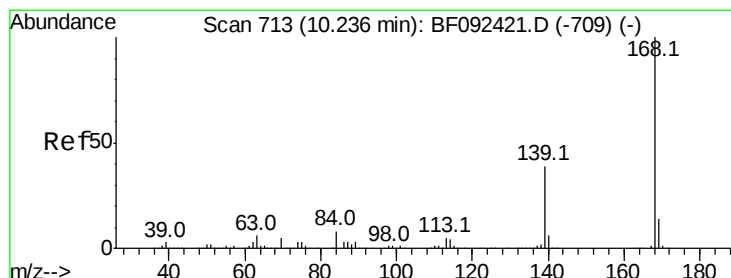
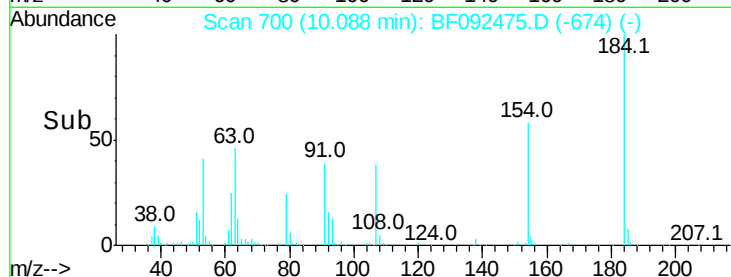
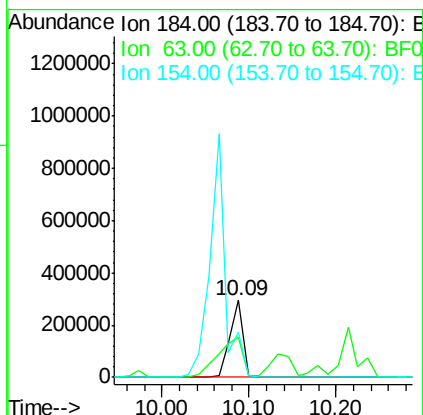
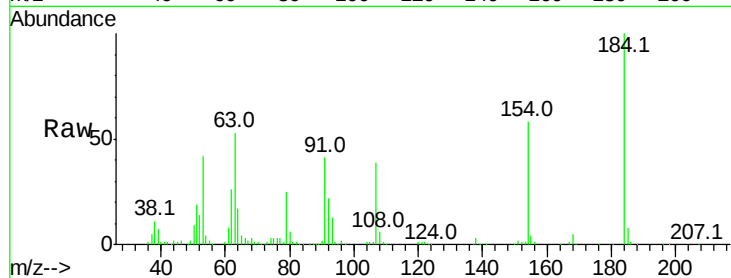




#53
 2,4-Dinitrophenol
 Concen: 81.52 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

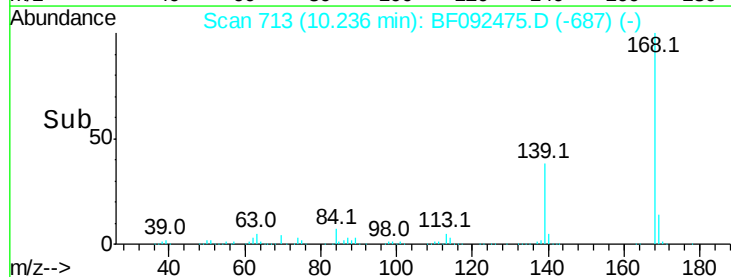
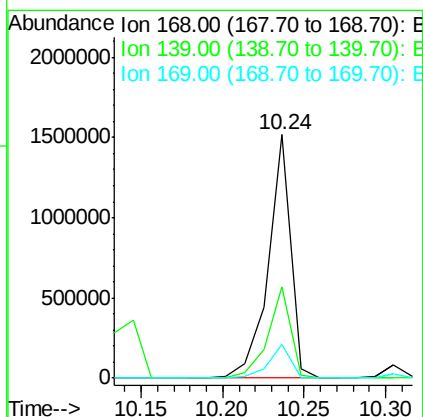
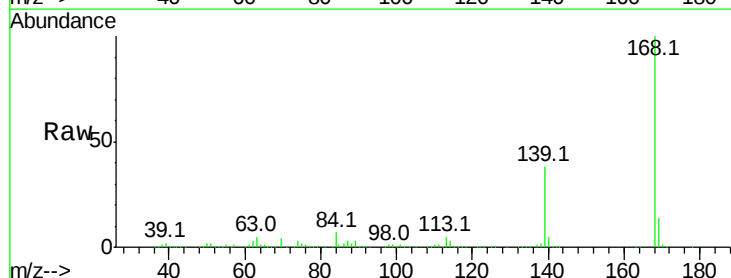
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

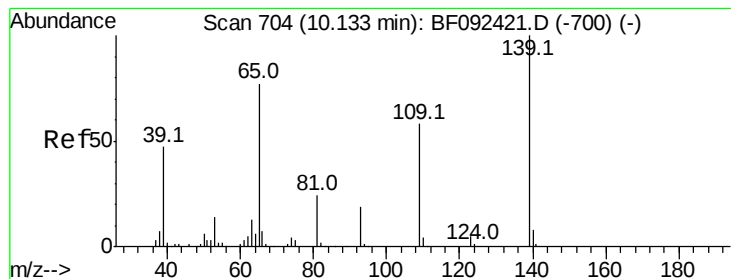
Tot Ion:184 Resp: 305462
 Ion Ratio Lower Upper
 184 100
 63 52.9 28.4 42.6#
 154 58.2 44.3 66.5



#54
 Dibenzofuran
 Concen: 46.34 ng
 RT: 10.24 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

Tgt Ion:168 Resp: 1449949
 Ion Ratio Lower Upper
 168 100
 139 37.6 32.6 49.0
 169 13.6 11.3 16.9





#55

4-Nitrophenol

Concen: 96.26 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

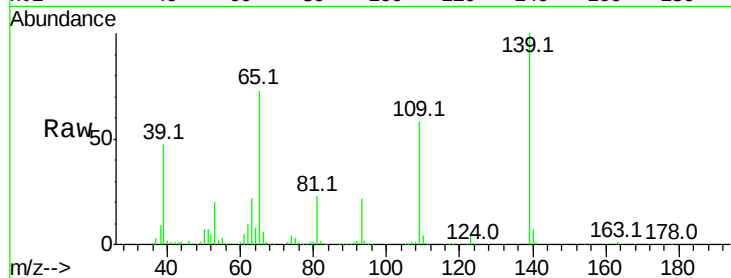
Tot Ion:139 Resp: 532951

Ion Ratio Lower Upper

139 100

109 58.0 52.2 92.2

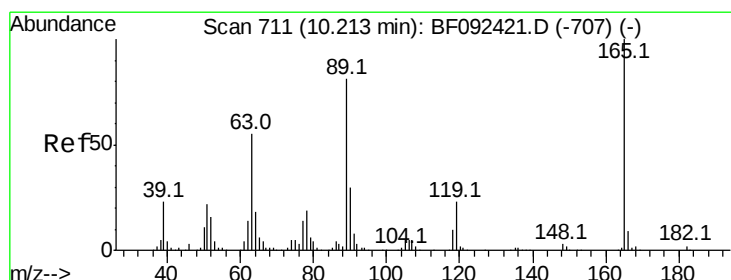
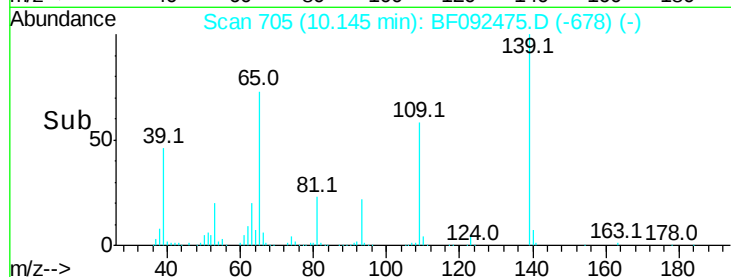
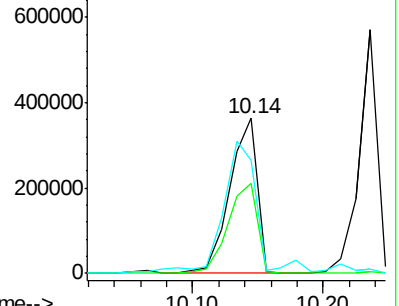
65 73.2 85.8 125.8#



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: 45.80 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Tgt Ion:165 Resp: 338433

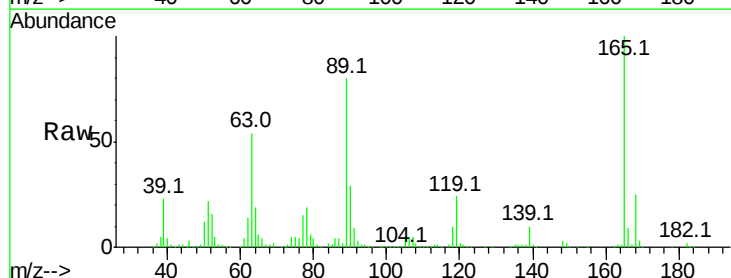
Ion Ratio Lower Upper

165 100

63 54.4 40.2 60.4

89 80.3 62.5 93.7

182 2.2 1.8 2.8

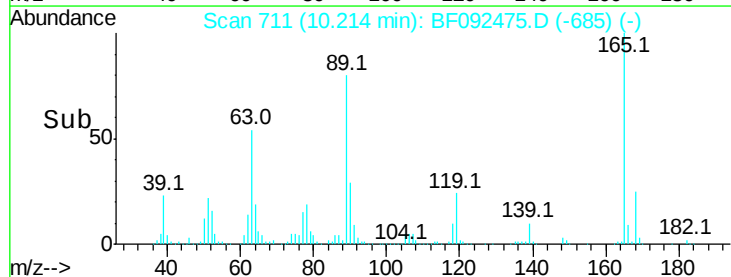
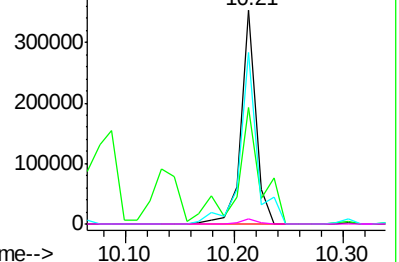


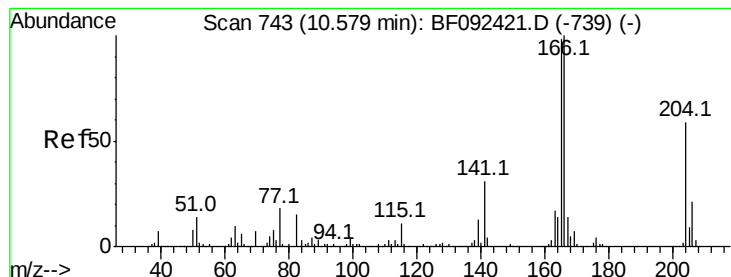
Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.93 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

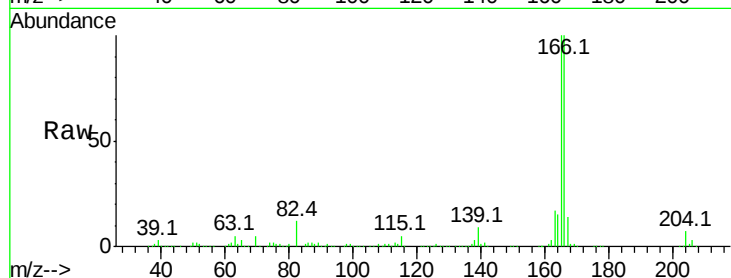
Tot Ion:166 Resp: 1088874

Ion Ratio Lower Upper

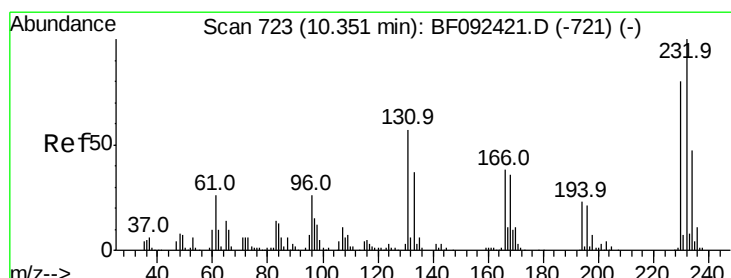
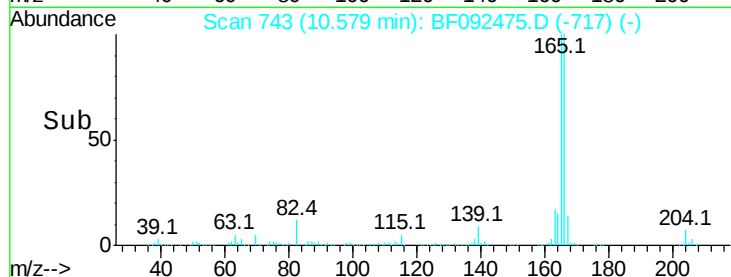
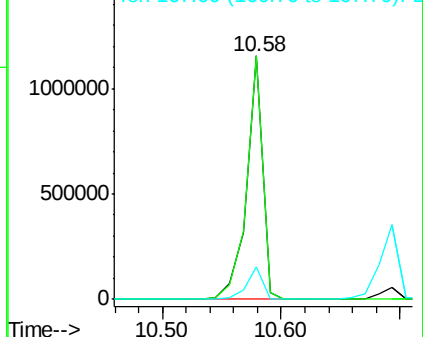
166 100

165 100.0 77.8 116.8

167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.87 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Tgt Ion:232 Resp: 288622

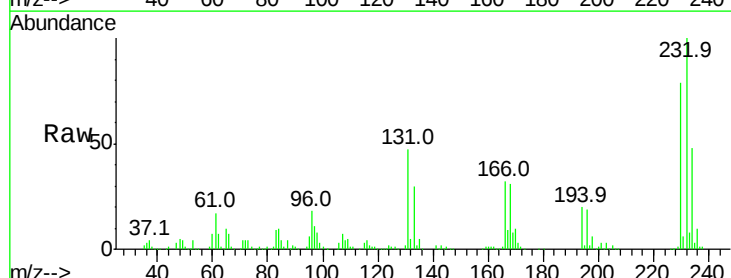
Ion Ratio Lower Upper

232 100

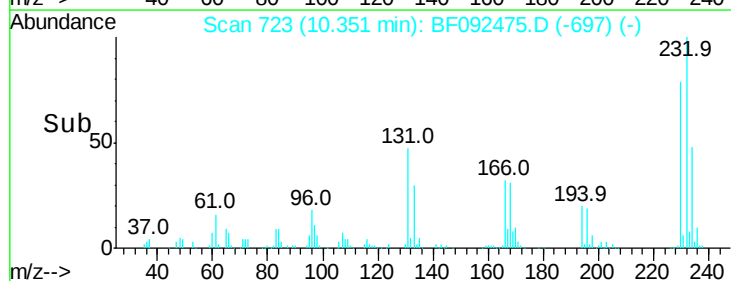
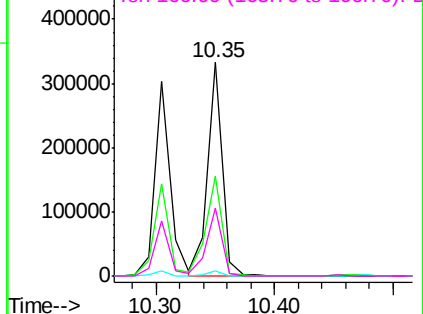
131 50.3 40.1 60.1

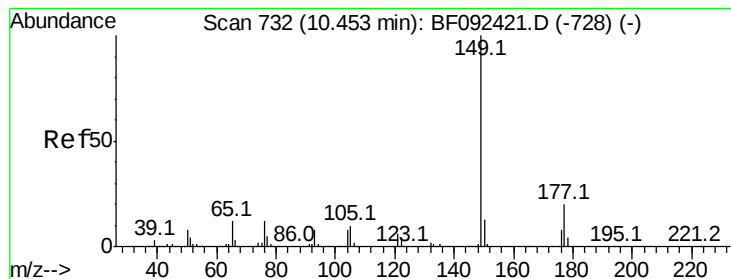
130 2.3 1.8 2.8

166 33.2 26.6 39.8



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.01 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

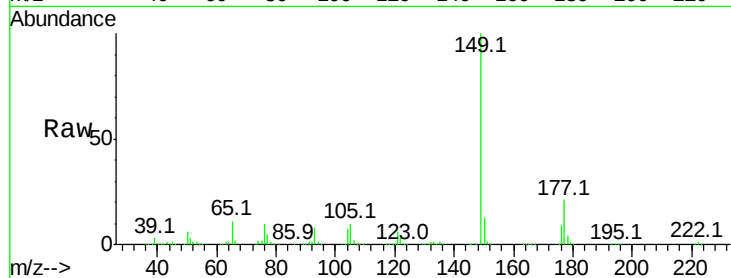
Tot Ion:149 Resp: 1123110

Ion Ratio Lower Upper

149 100

177 21.4 16.6 25.0

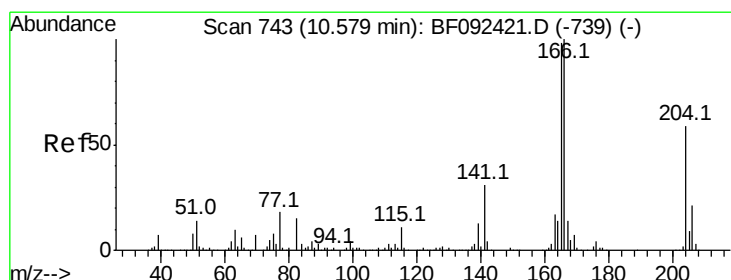
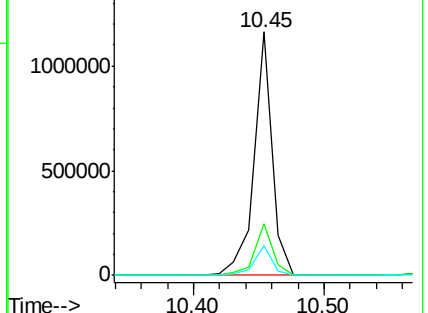
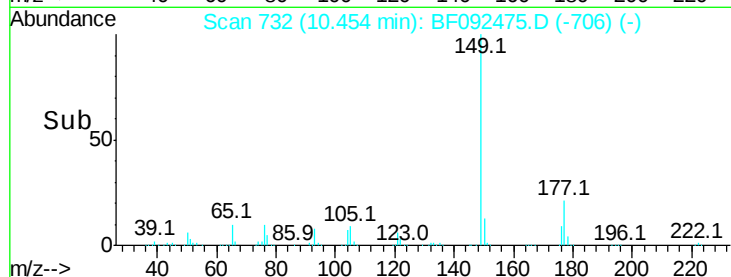
150 12.5 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.90 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

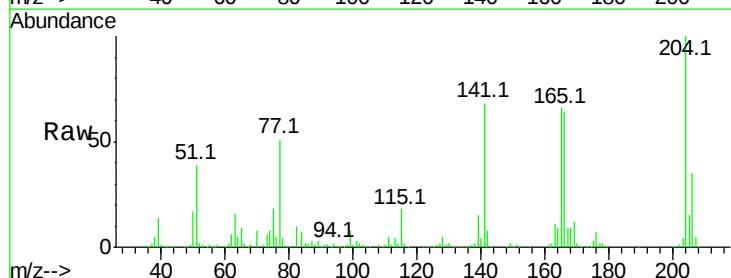
Tgt Ion:204 Resp: 449047

Ion Ratio Lower Upper

204 100

206 34.6 25.8 38.6

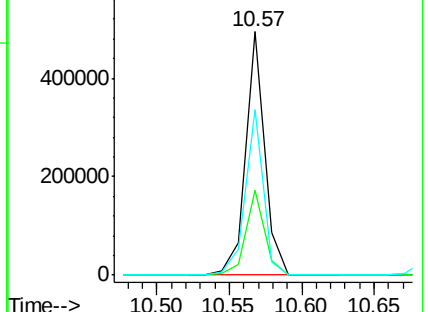
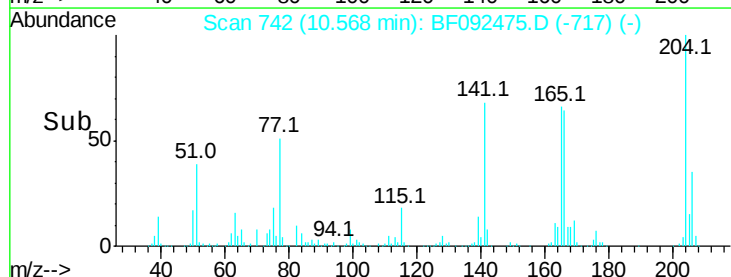
141 68.0 59.4 89.0

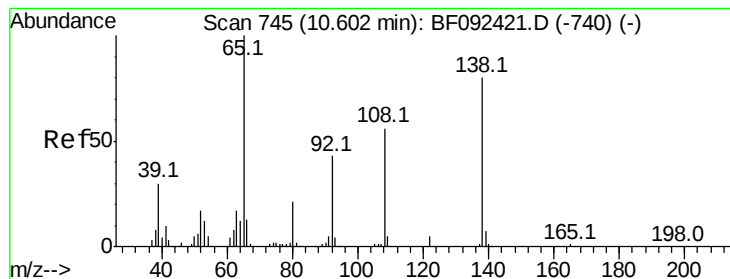


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.37 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

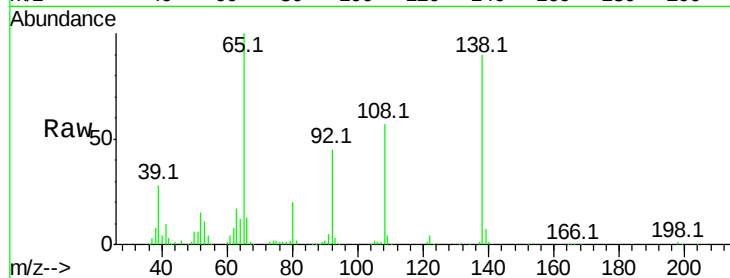
Tot Ion:138 Resp: 309403

Ion Ratio Lower Upper

138 100

92 50.0 31.7 71.7

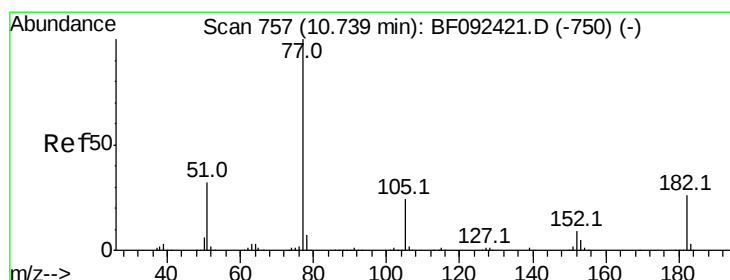
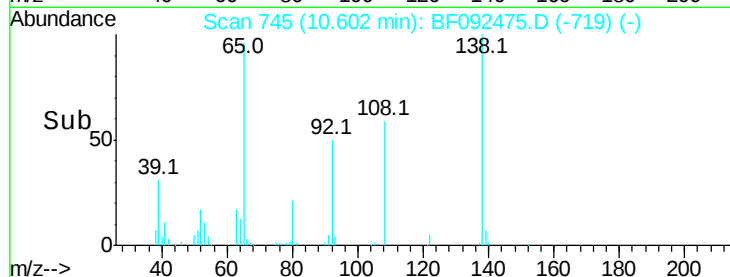
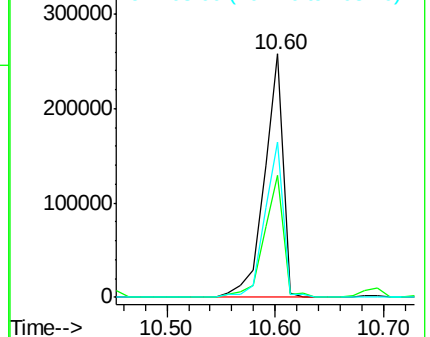
108 63.7 52.6 92.6



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: 43.73 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Tgt Ion: 77 Resp: 1299593

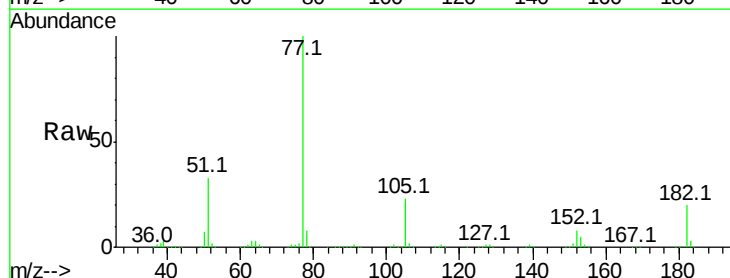
Ion Ratio Lower Upper

77 100

182 20.4 0.0 39.3

105 23.0 2.3 42.3

51 33.4 8.9 48.9

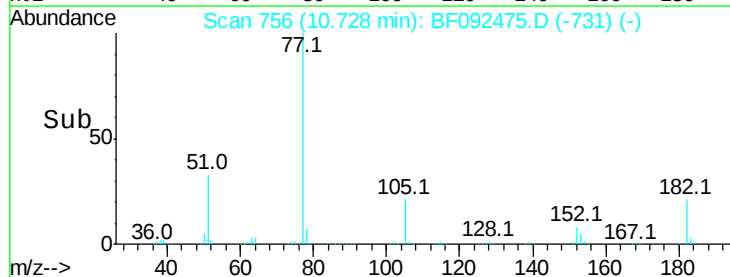
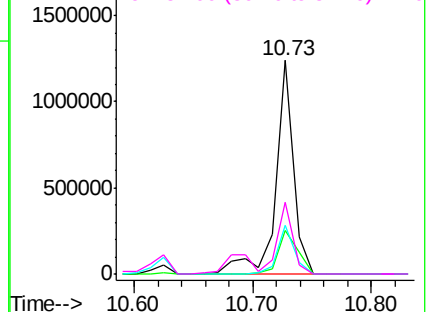


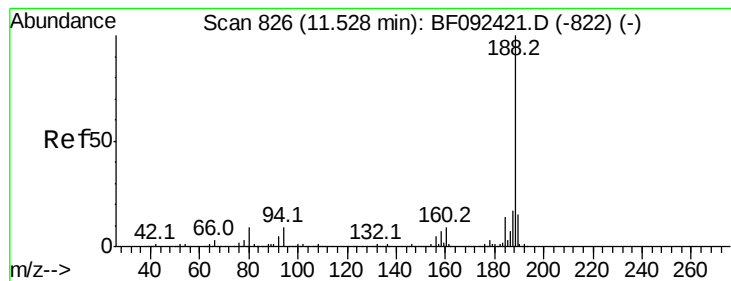
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

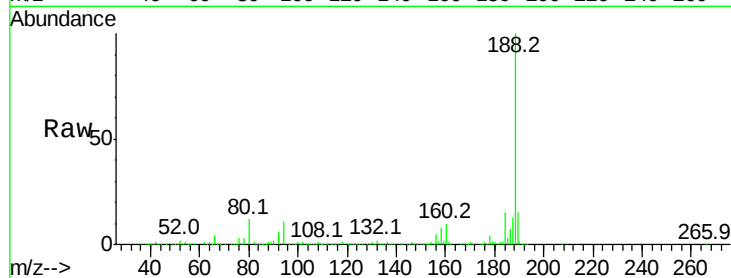
Tot Ion:188 Resp: 665524

Ion Ratio Lower Upper

188 100

94 10.6 10.0 15.0

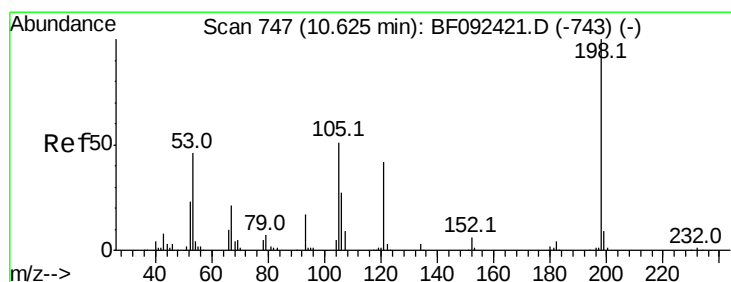
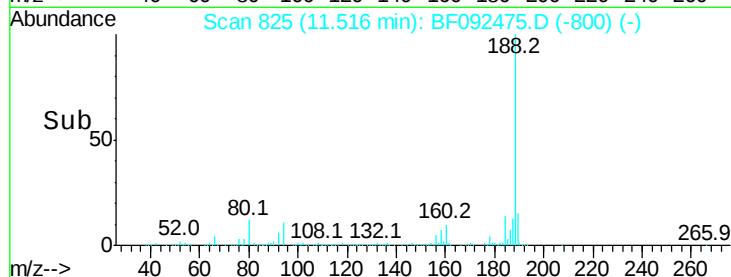
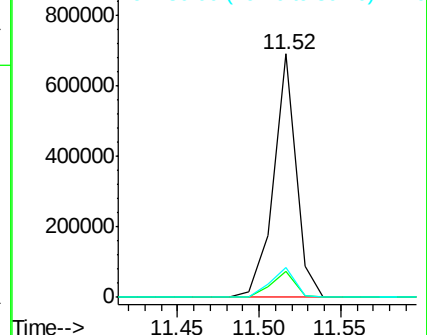
80 12.1 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 56.29 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

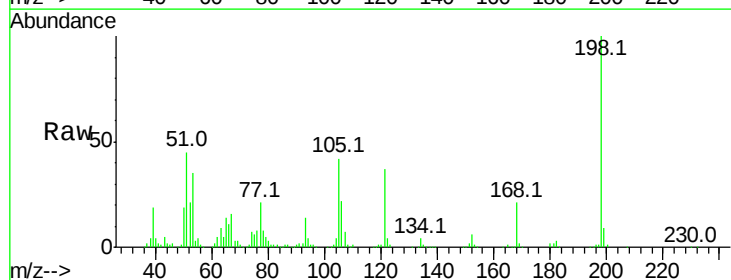
Tgt Ion:198 Resp: 205285

Ion Ratio Lower Upper

198 100

51 45.3 6.7 46.7

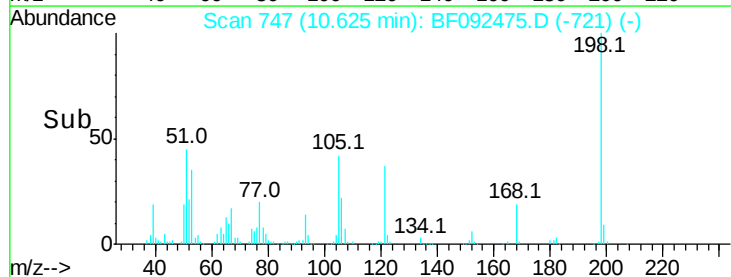
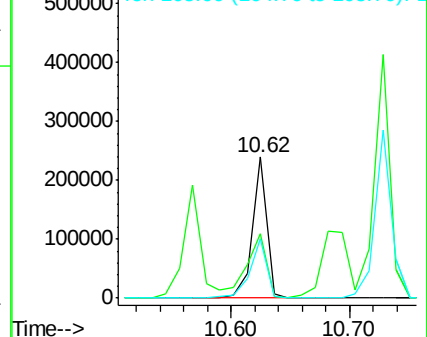
105 41.8 16.6 56.6

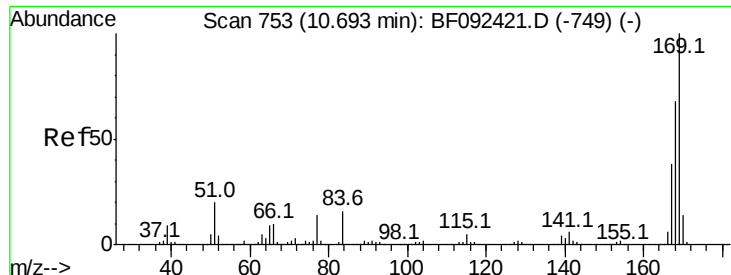


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.35 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

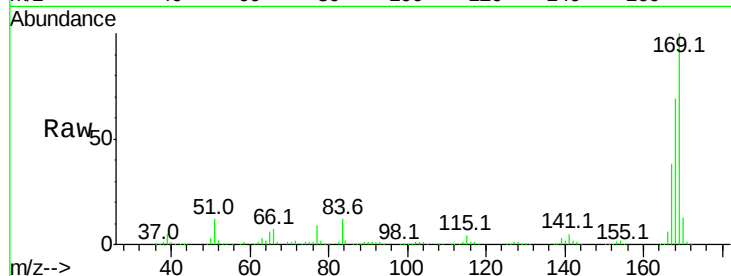
Tot Ion:169 Resp: 1025761

Ion Ratio Lower Upper

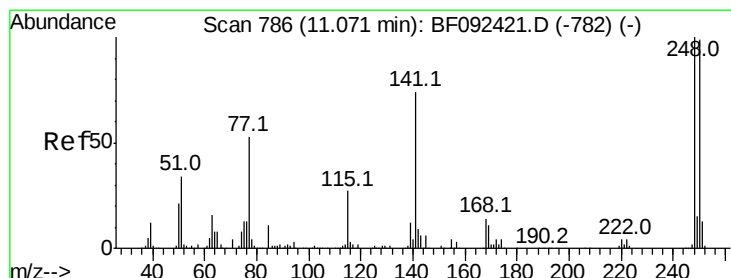
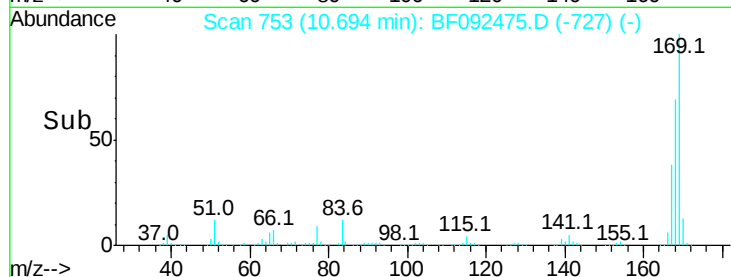
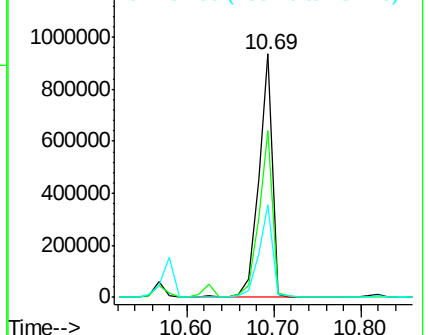
169 100

168 68.7 54.2 81.2

167 37.8 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: 44.17 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

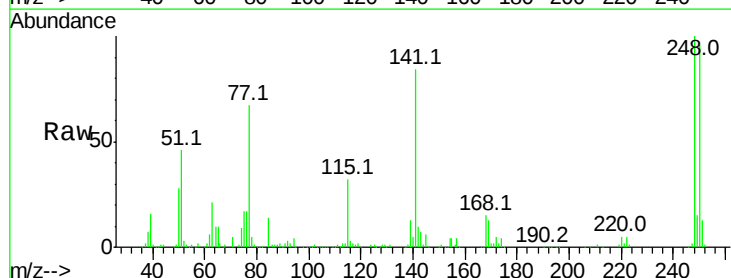
Tgt Ion:248 Resp: 296803

Ion Ratio Lower Upper

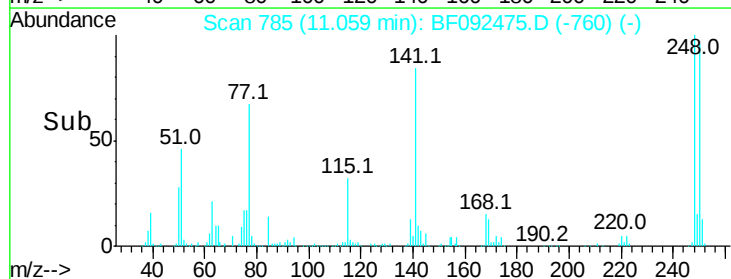
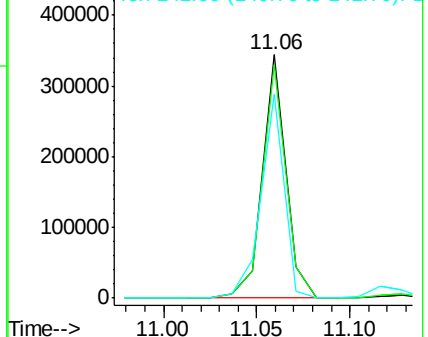
248 100

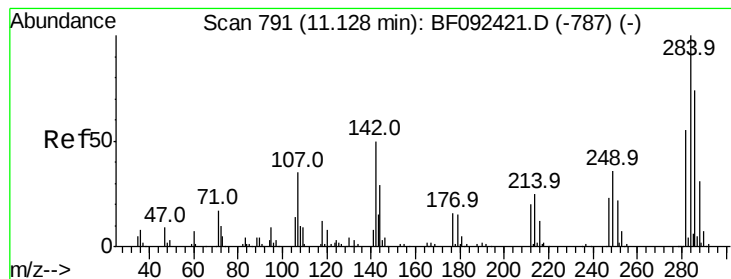
250 96.1 76.9 115.3

141 83.5 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

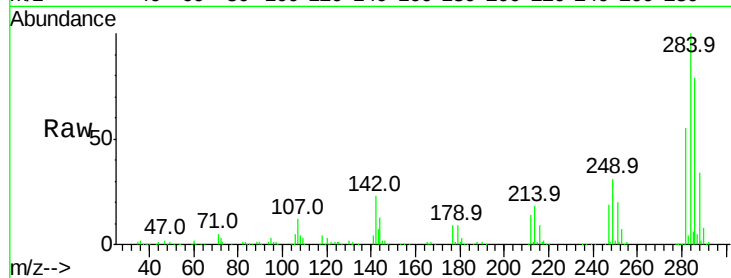




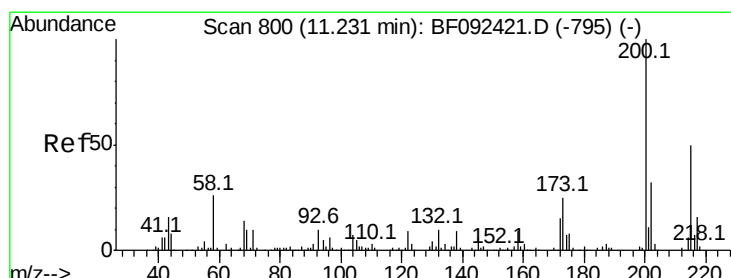
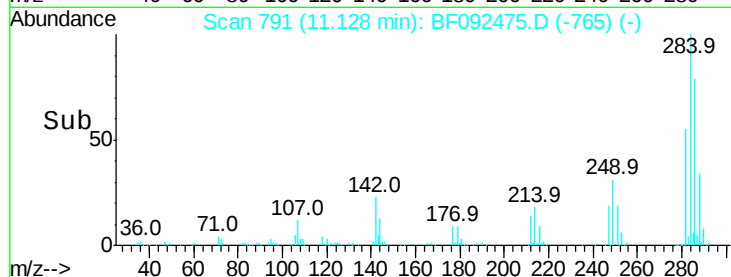
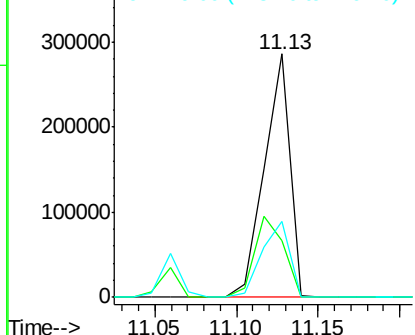
#67
Hexachlorobenzene
Concen: 45.98 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	23.4	22.6	33.8
249	31.1	25.4	38.0

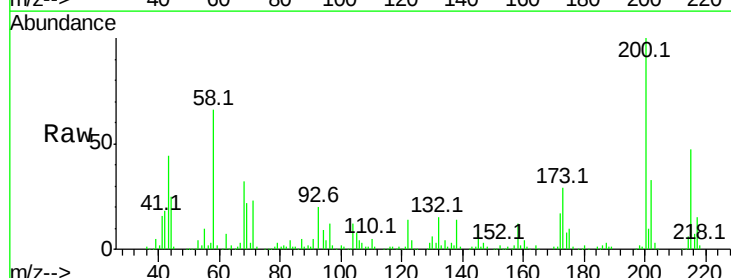


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

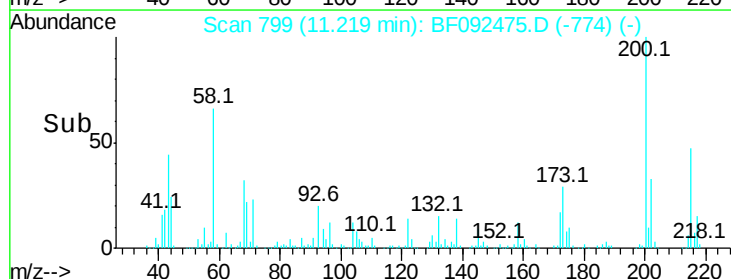
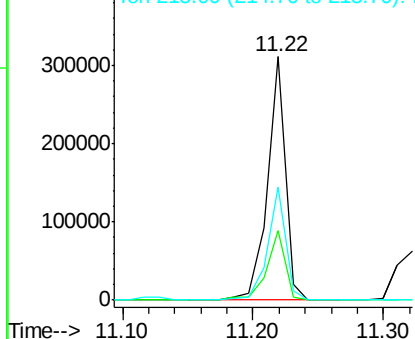


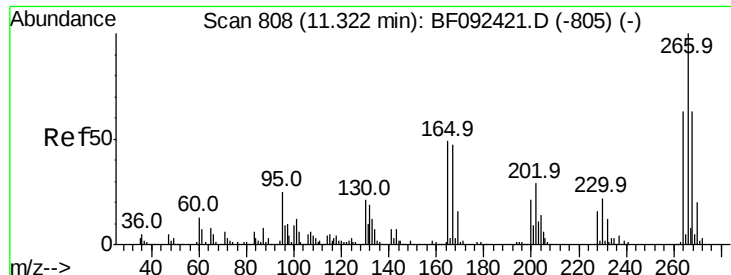
#68
Atrazine
Concen: 42.14 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	9.6	49.6
215	46.7	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

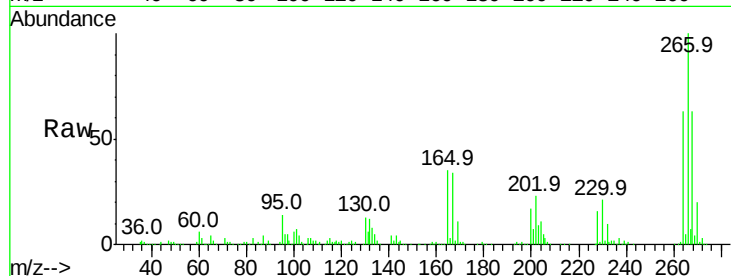




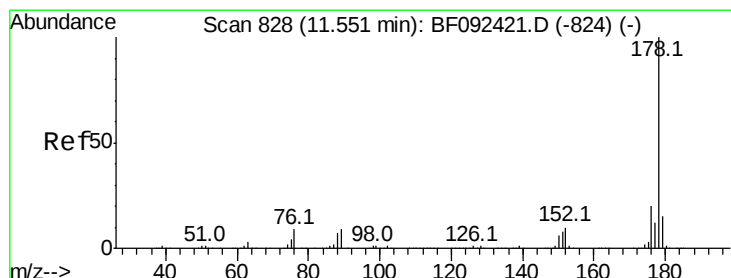
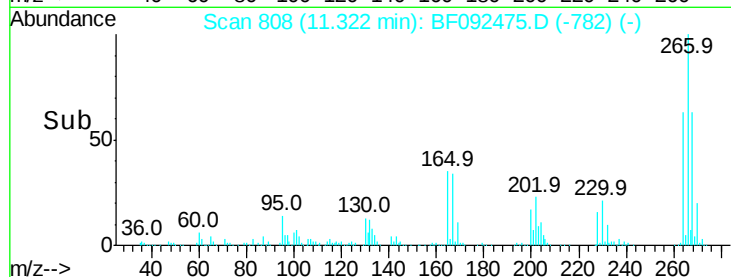
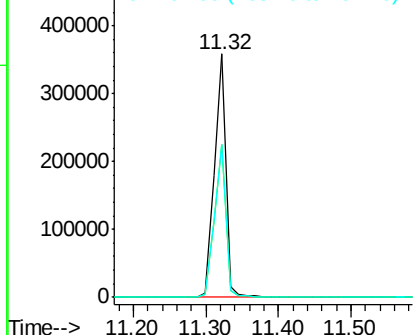
#69
 Pentachlorophenol
 Concen: 90.81 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	53.3	79.9
264	62.5	50.3	75.5

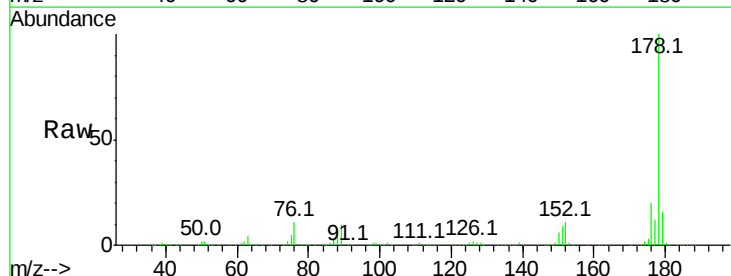


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

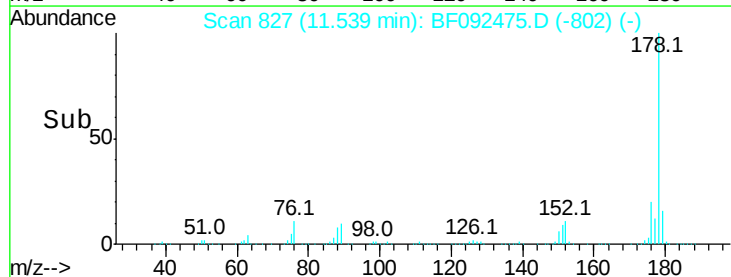
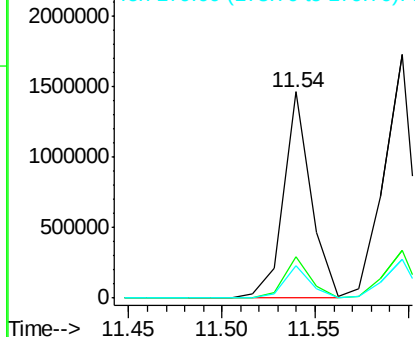


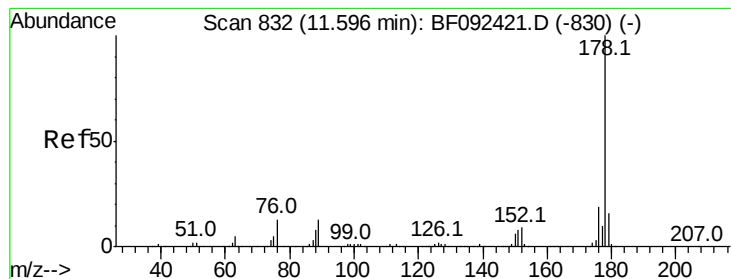
#70
 Phenanthrene
 Concen: 40.71 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	15.9	12.8	19.2



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





#71

Anthracene

Concen: 48.84 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

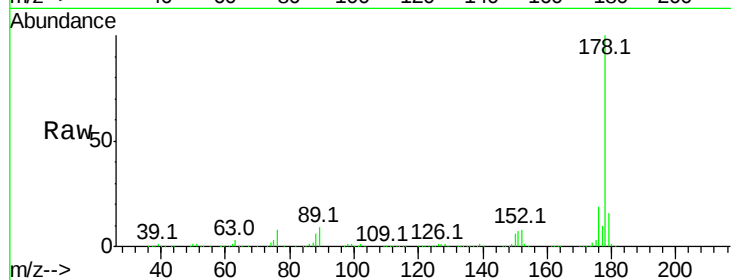
BNA_F

ClientSampleId :

PB96090BS

Tot Ion:178 Resp: 1749467

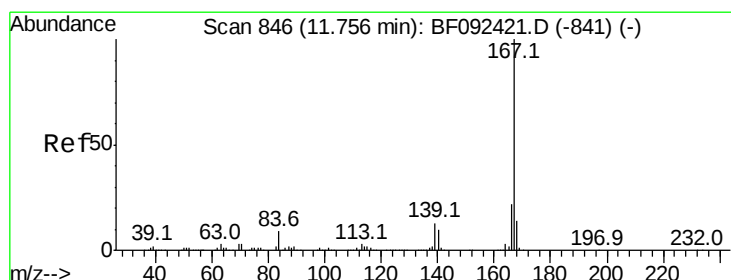
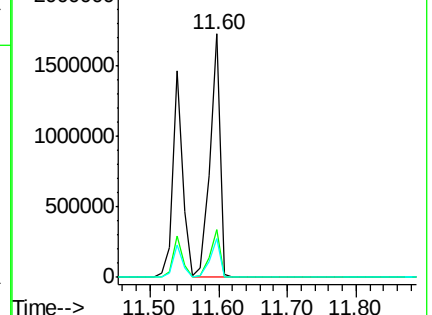
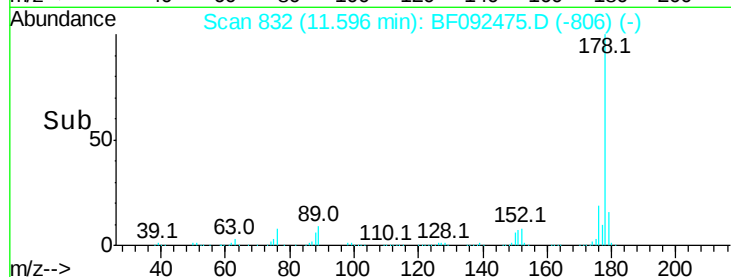
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.7	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.05 ng

RT: 11.75 min Scan# 845

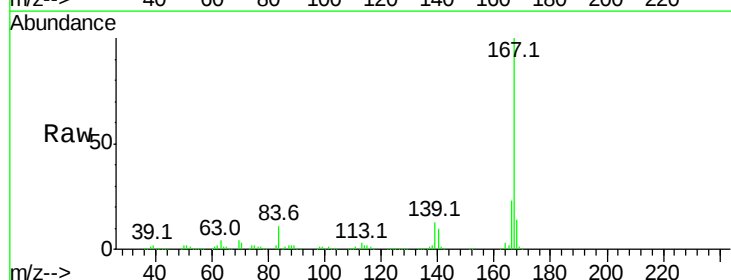
Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Tgt Ion:167 Resp: 1403700

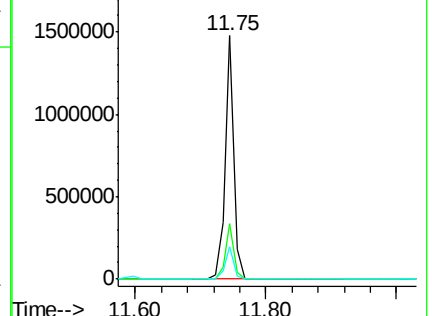
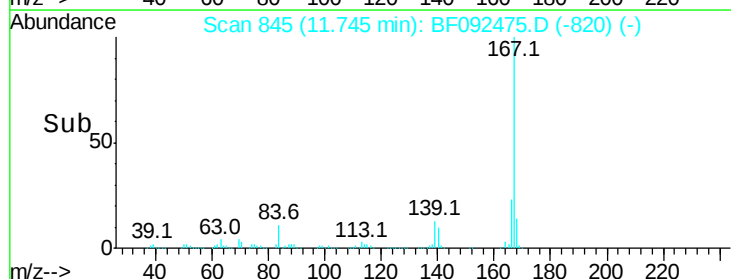
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.2
139	13.5	11.4	17.2

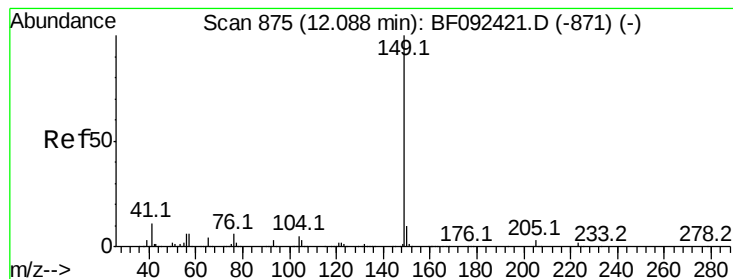


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.37 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

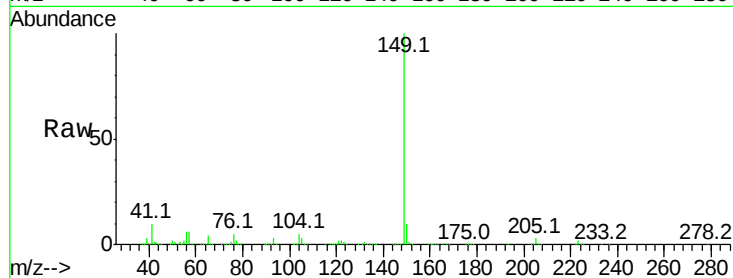
Tot Ion:149 Resp: 1735052

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

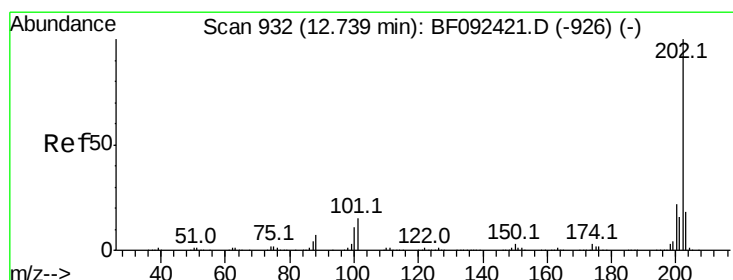
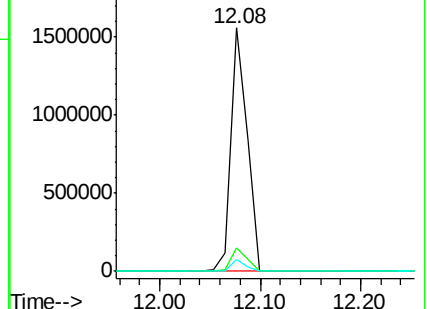
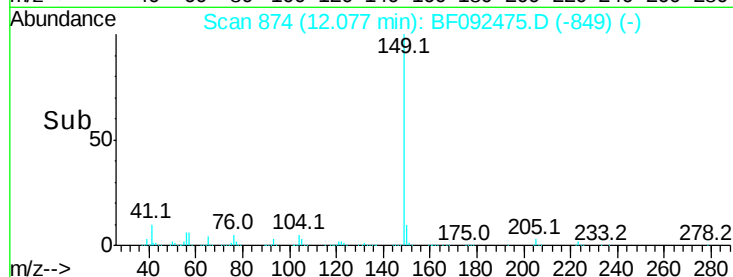
104 4.9 4.6 7.0



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: 41.64 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

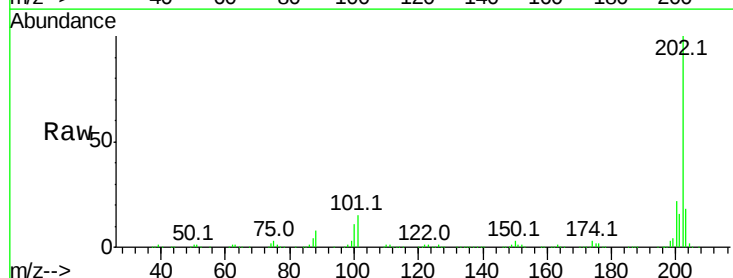
Tgt Ion:202 Resp: 1492764

Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.6

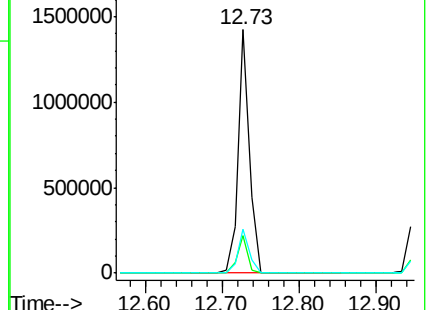
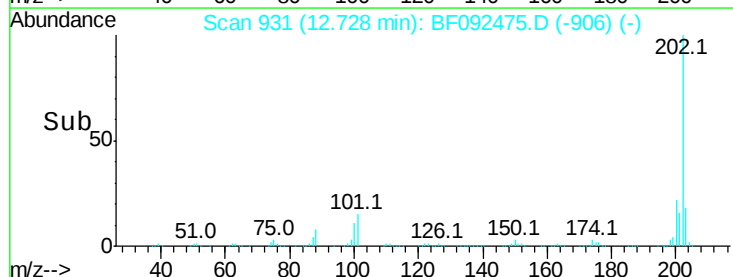
203 18.0 0.0 38.7

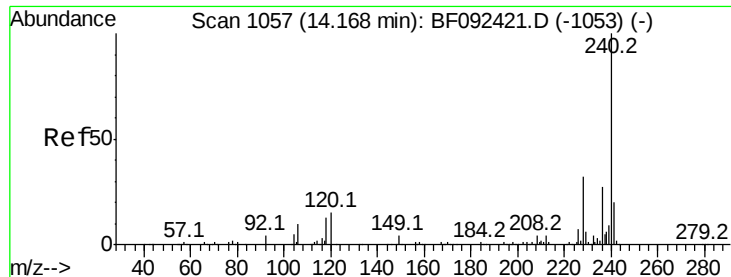


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

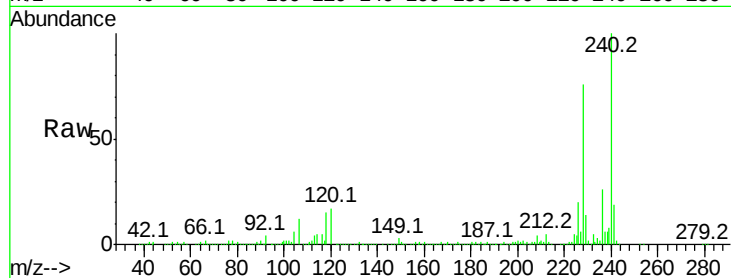
Tot Ion:240 Resp: 530003

Ion Ratio Lower Upper

240 100

120 16.5 12.9 19.3

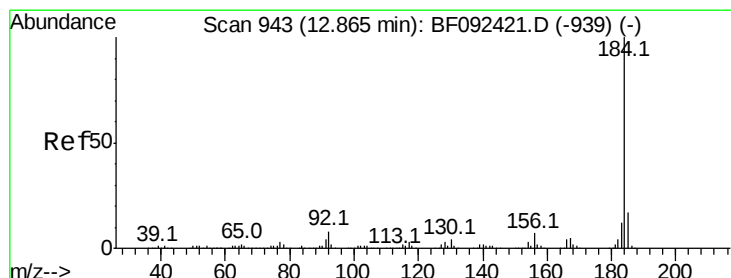
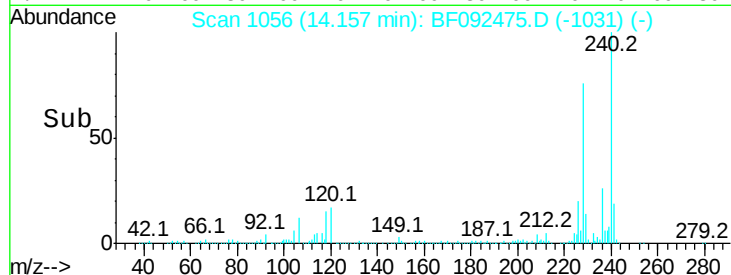
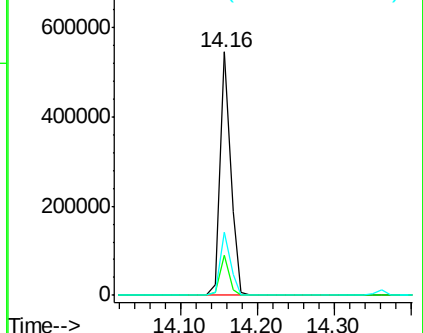
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.75 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

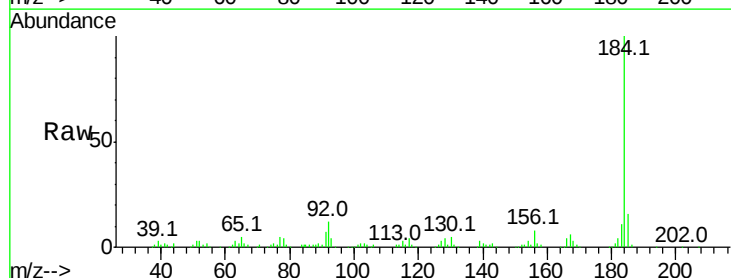
Tgt Ion:184 Resp: 309946

Ion Ratio Lower Upper

184 100

185 16.5 13.4 20.0

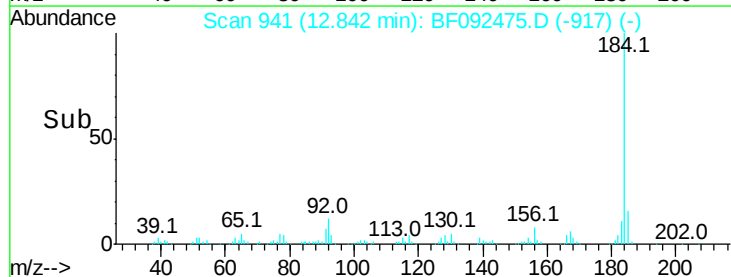
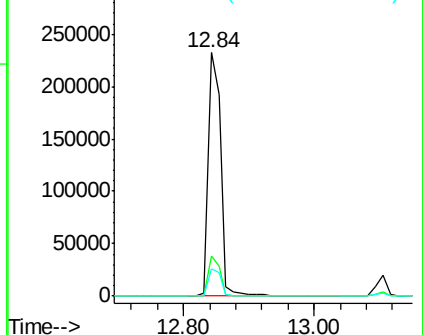
183 11.3 9.2 13.8

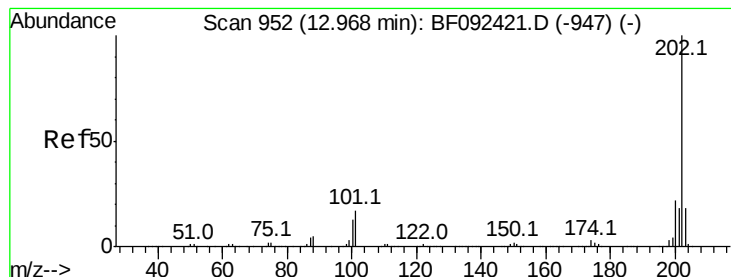


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.58 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

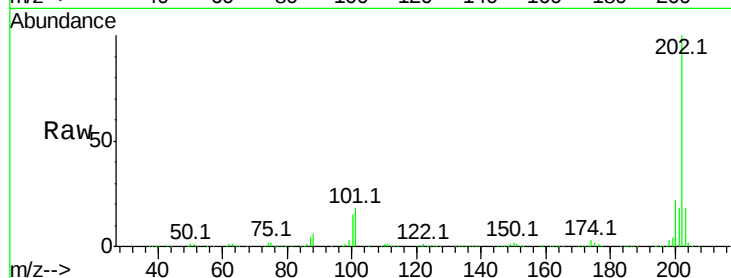
Tot Ion:202 Resp: 1558478

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

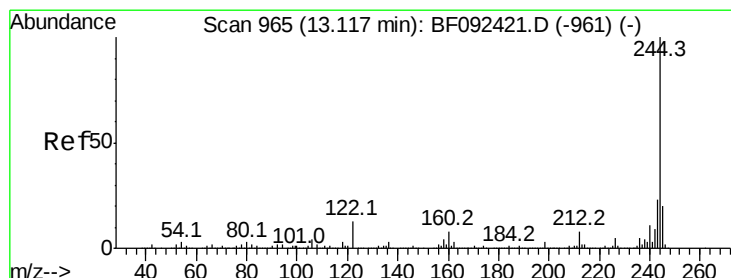
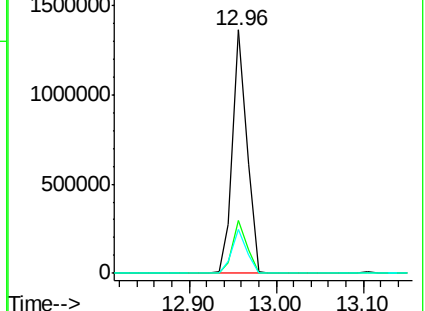
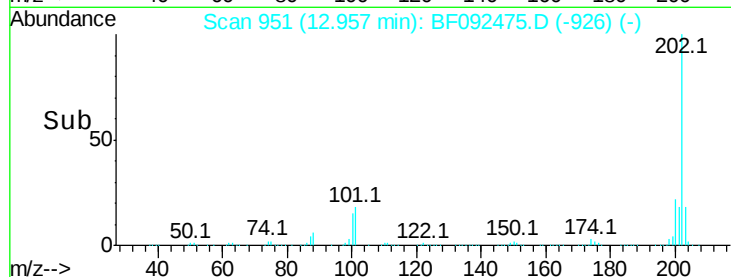
203 18.0 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.85 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

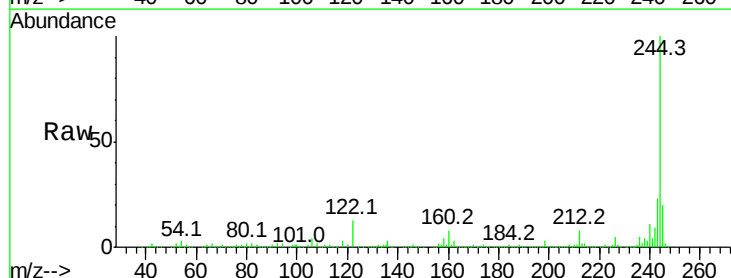
Tgt Ion:244 Resp: 1649082

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

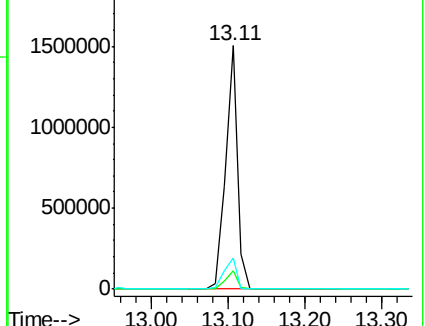
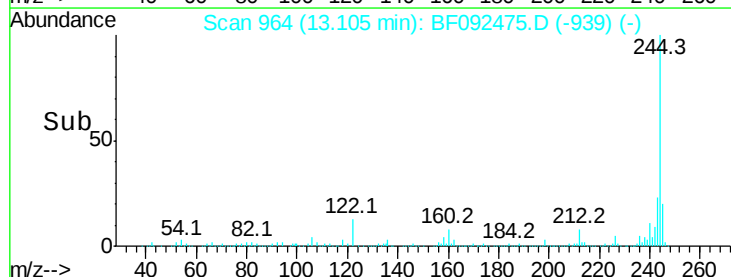
122 12.9 11.4 17.2

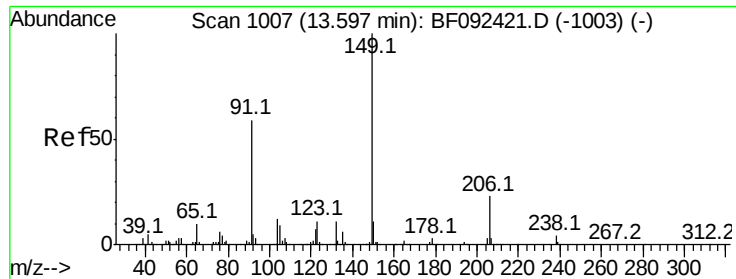


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

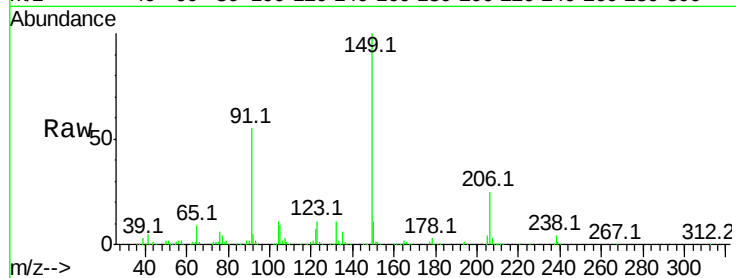




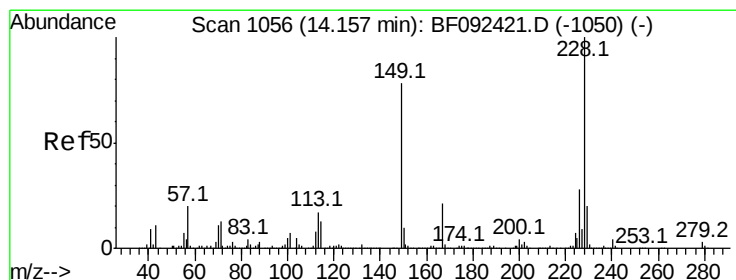
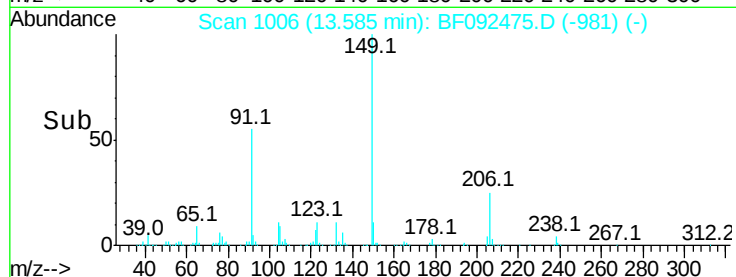
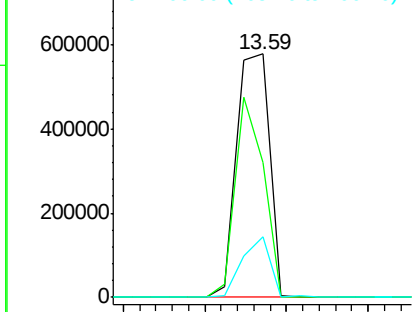
#79
Butylbenzylphthalate
Concen: 51.72 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	55.4	63.9	95.9#
206	24.9	14.6	21.8#

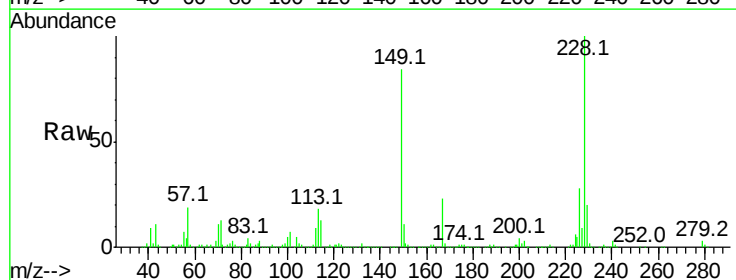


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

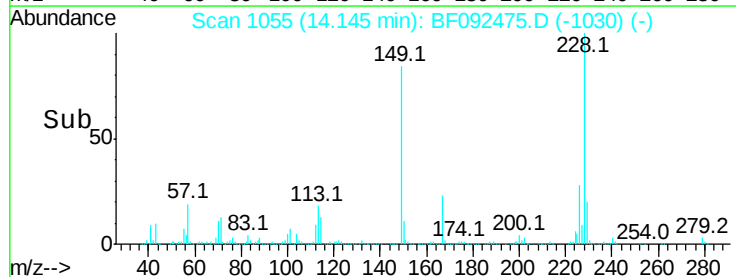
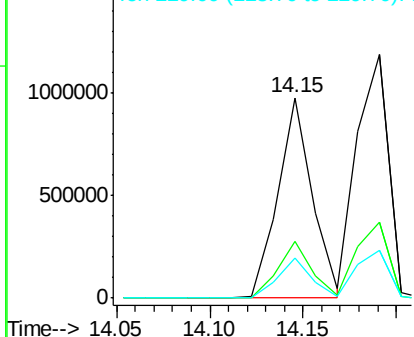


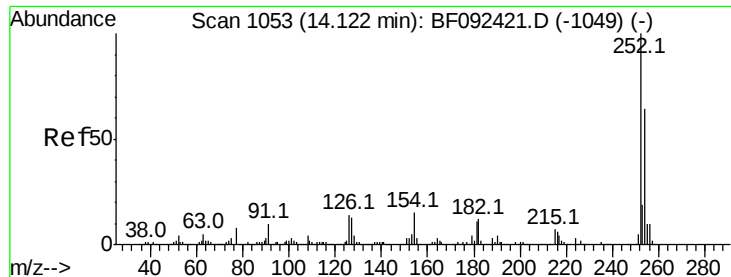
#80
Benzo(a)anthracene
Concen: 44.01 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.1	16.2	24.4



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

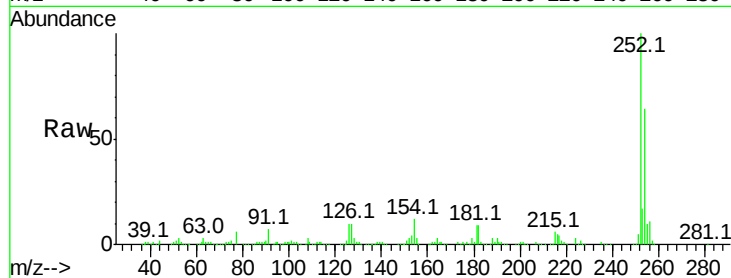




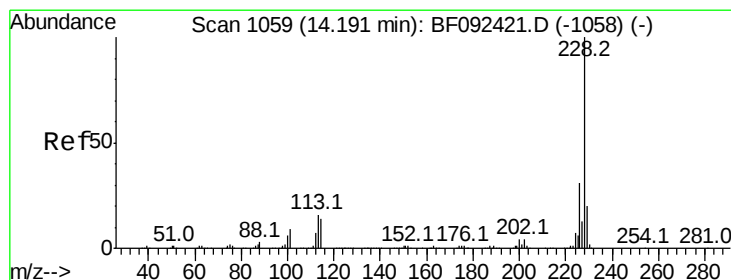
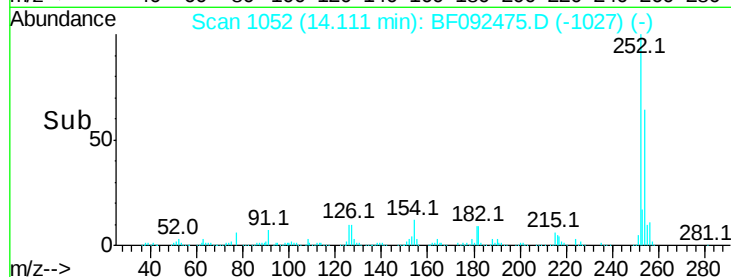
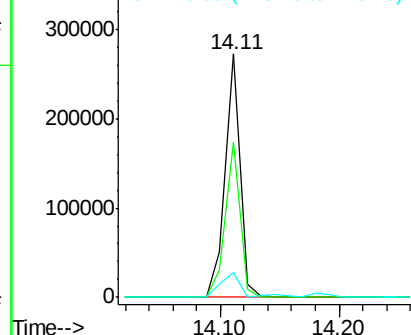
#81
 3,3'-Dichlorobenzidine
 Concen: 21.63 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tot Ion:252 Resp: 233961
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.3 78.5
 126 10.4 13.6 20.4#

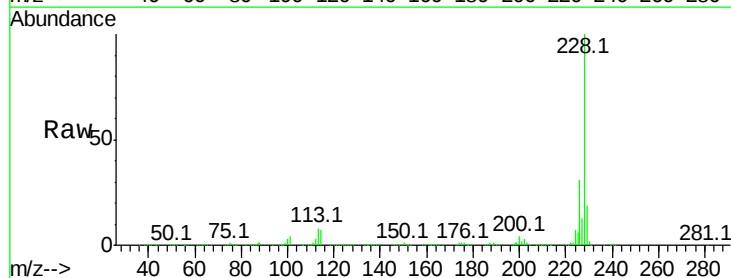


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

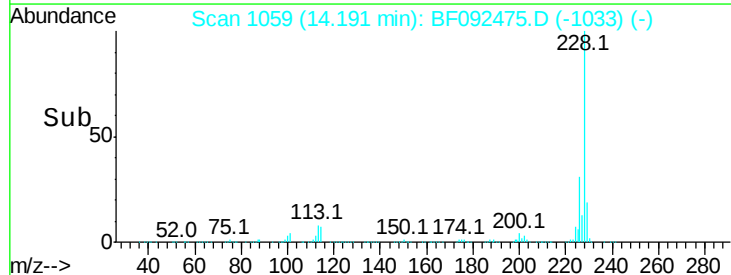
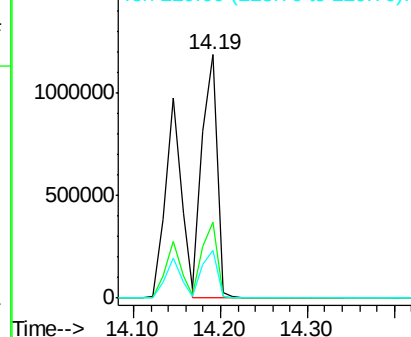


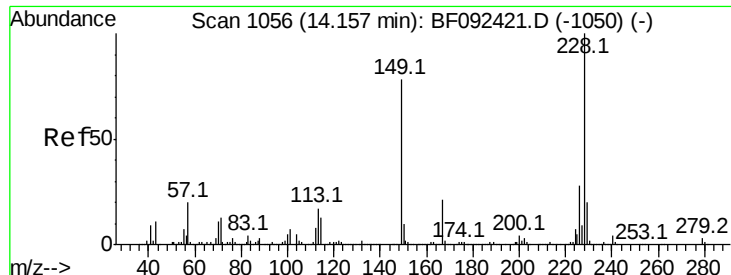
#82
 Chrysene
 Concen: 46.20 ng
 RT: 14.19 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF092475.D
 Acq: 25 Jan 2017 14:37

Tgt Ion:228 Resp: 1405477
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 19.5 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: 48.56 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

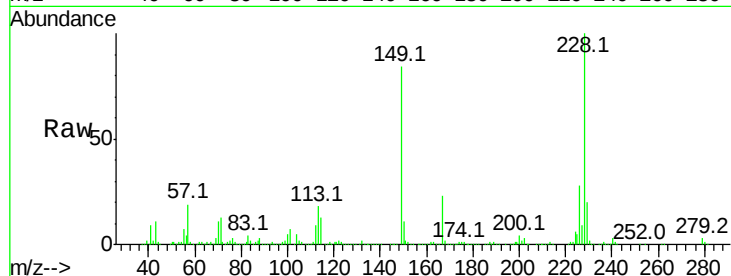
Tot Ion:149 Resp: 951400

Ion Ratio Lower Upper

149 100

167 27.6 20.2 30.4

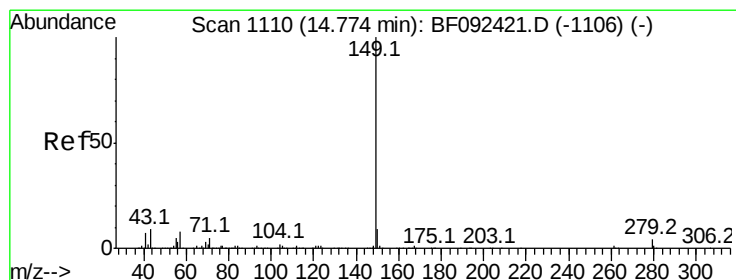
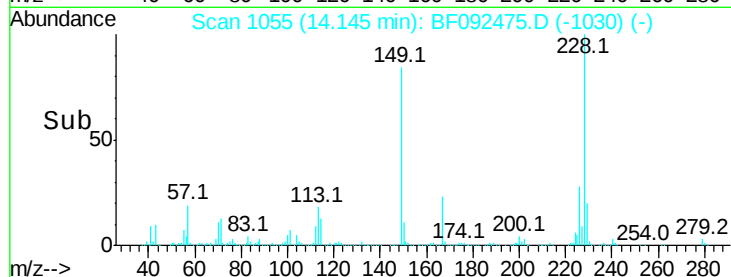
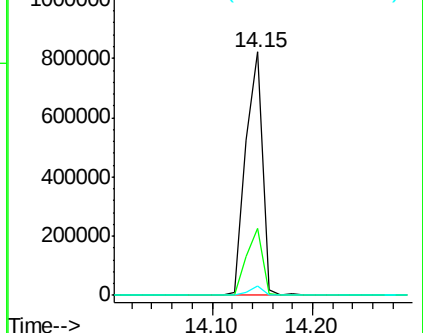
279 3.9 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.80 ng

RT: 14.75 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

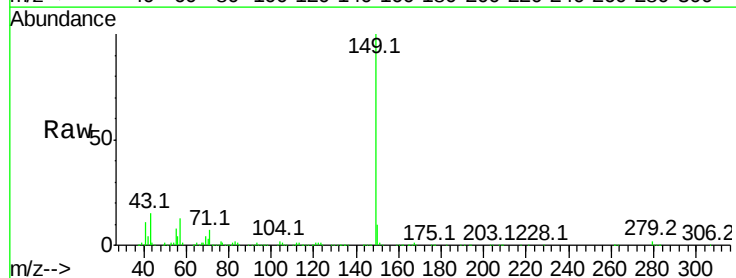
Tgt Ion:149 Resp: 1877968

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

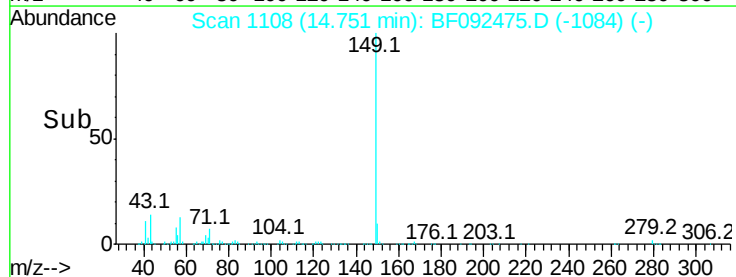
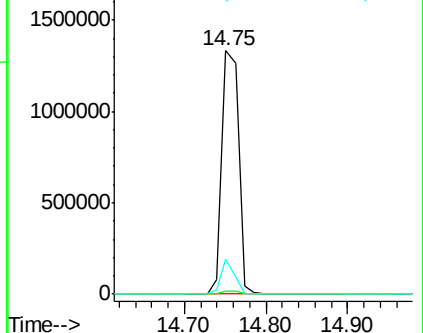
43 11.5 8.9 13.3

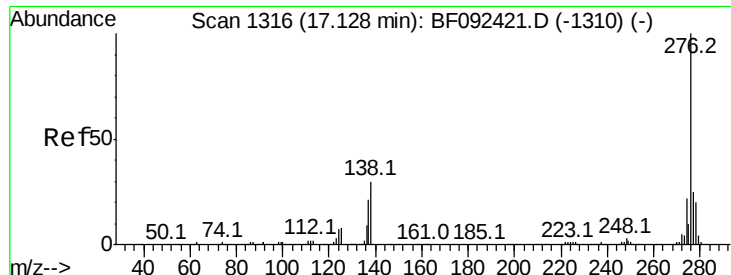


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

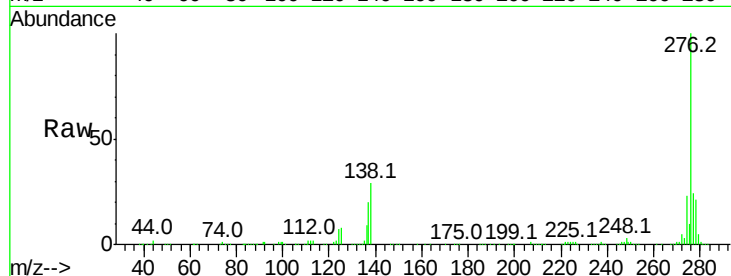




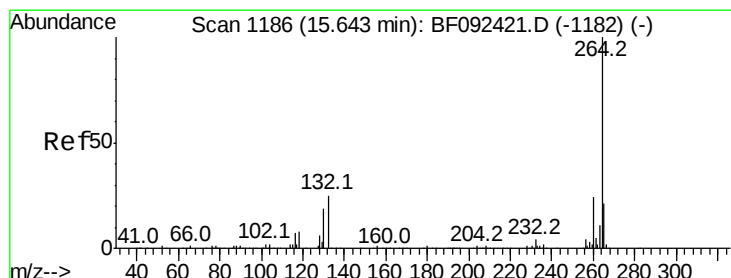
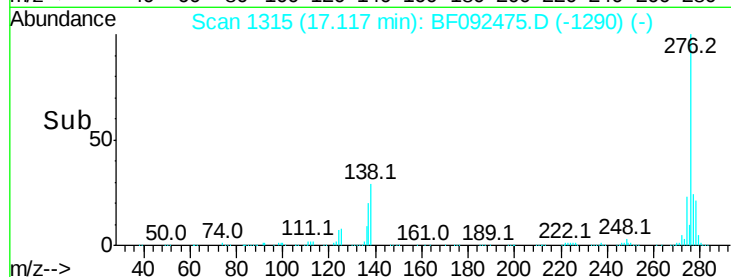
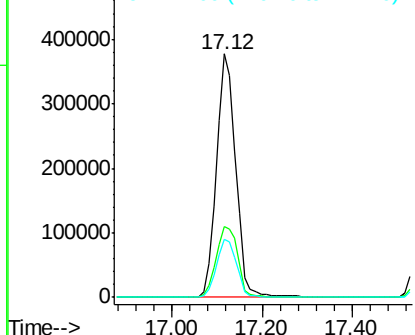
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.05 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tot Ion:276 Resp: 1126418
Ion Ratio Lower Upper
276 100
138 32.8 21.8 32.6#
277 25.1 20.2 30.4

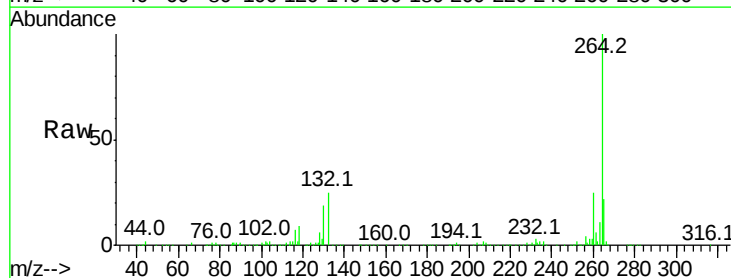


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

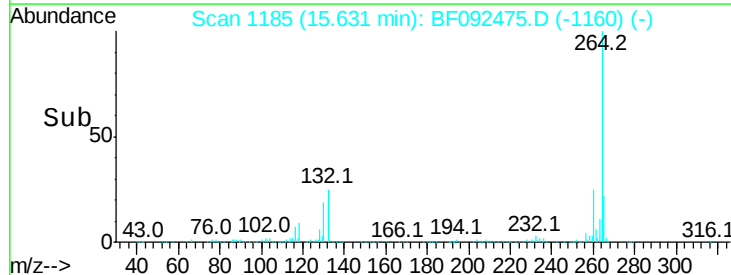
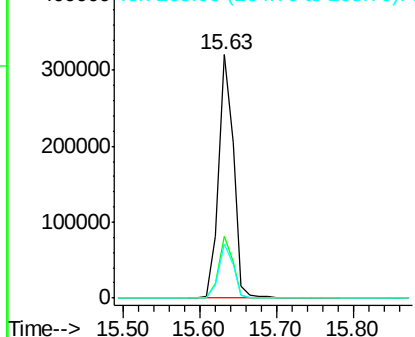


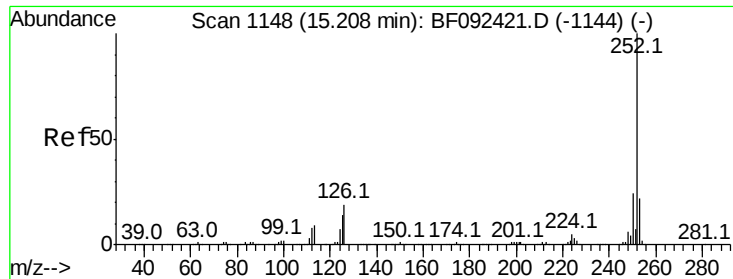
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Tgt Ion:264 Resp: 437335
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 22.2 17.4 26.0



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

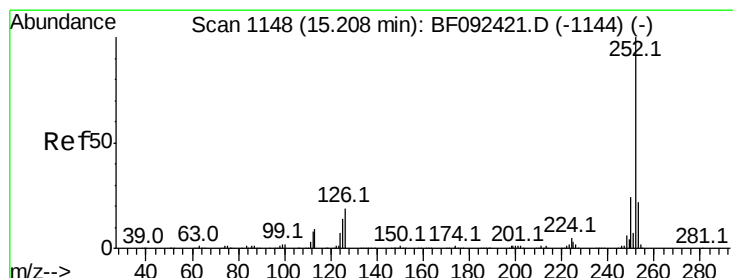
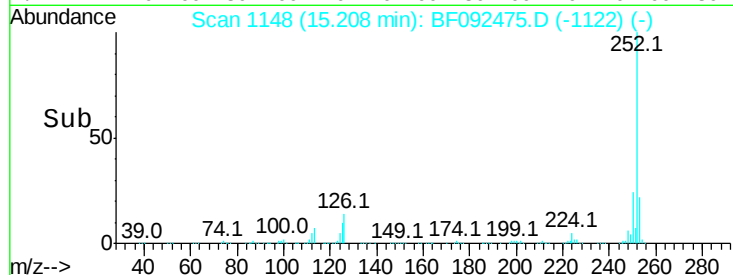
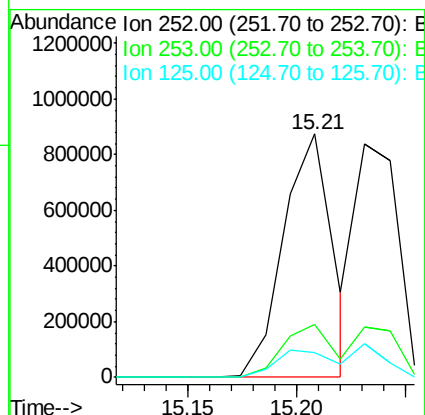
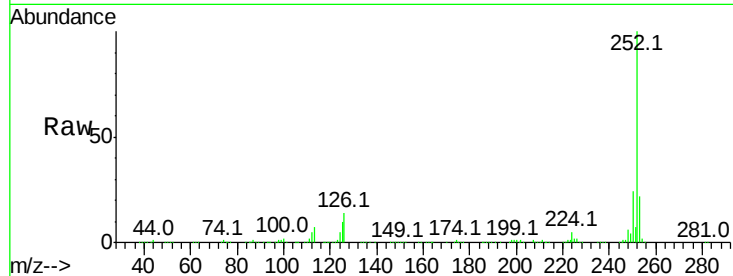




#87
Benzo(b)fluoranthene
Concen: 48.87 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

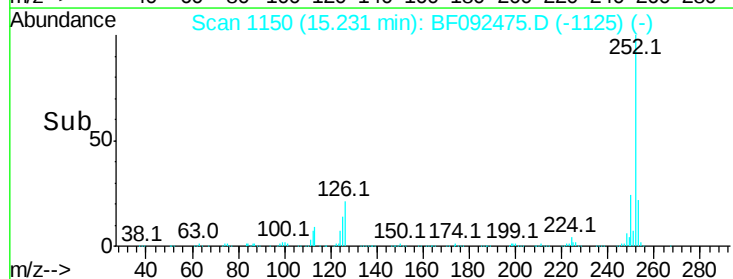
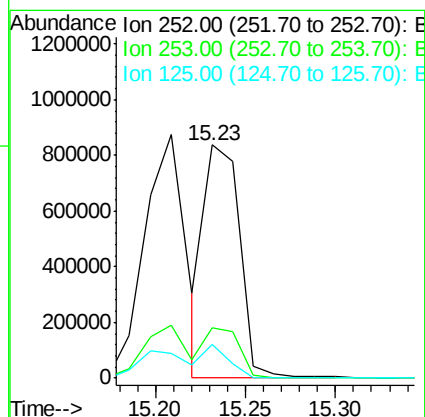
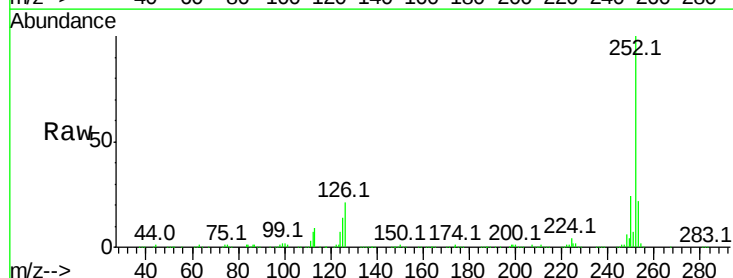
Instrument :
BNA_F
ClientSampled :
PB96090BS

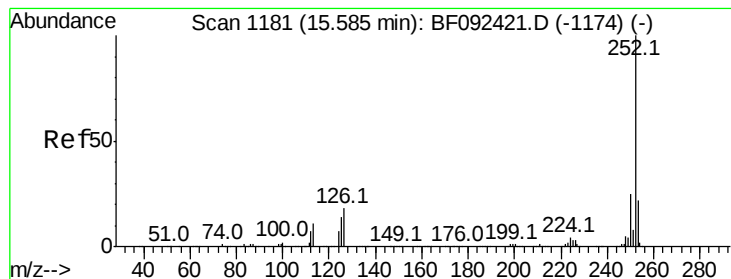
Tot Ion:252 Resp: 1372028
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 10.1 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 49.73 ng m
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092475.D
Acq: 25 Jan 2017 14:37

Tgt Ion:252 Resp: 1161002
Ion Ratio Lower Upper
252 100
253 21.8 18.5 27.7
125 14.2 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 48.91 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

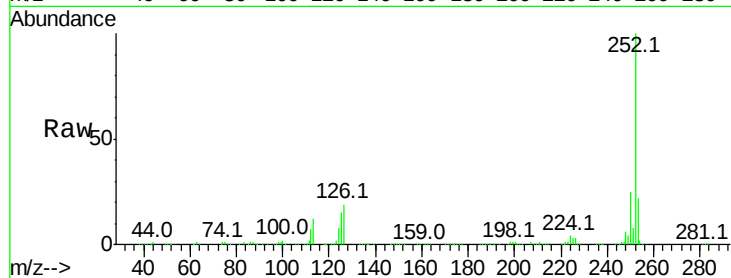
Tot Ion:252 Resp: 1161721

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

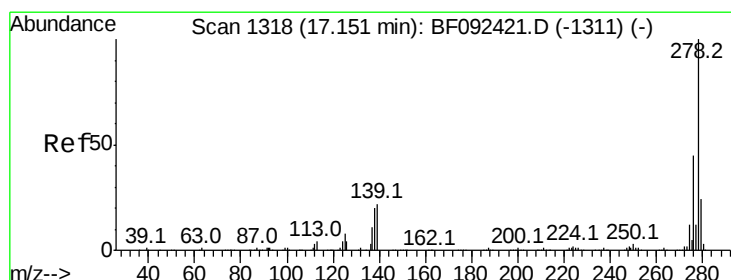
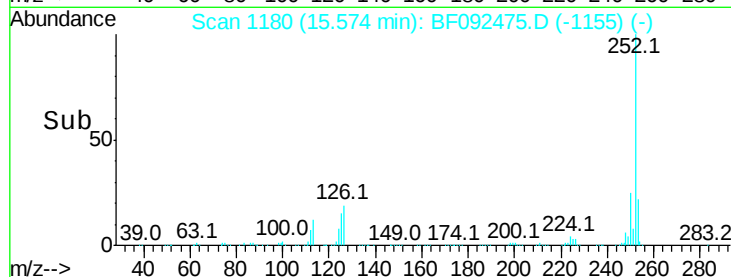
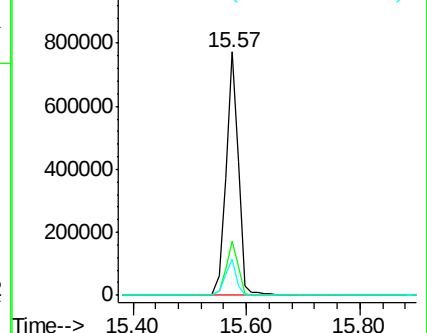
125 15.1 10.0 15.0#



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: 49.00 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

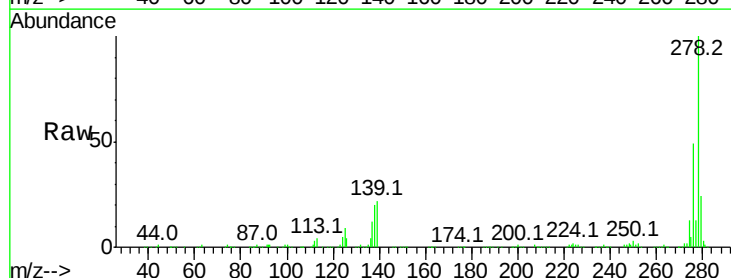
Tgt Ion:278 Resp: 941069

Ion Ratio Lower Upper

278 100

139 21.8 14.8 22.2

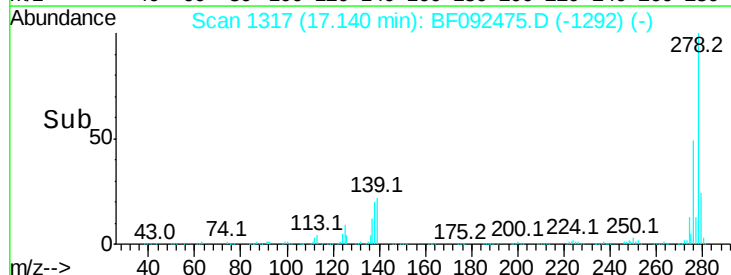
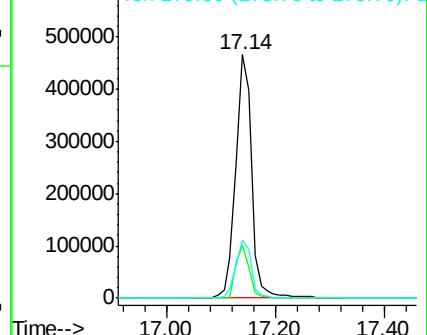
279 23.9 19.8 29.6

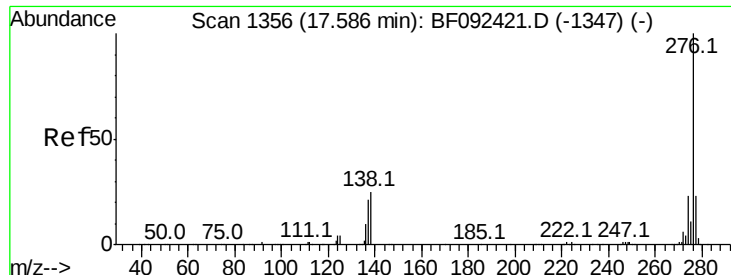


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.80 ng

RT: 17.57 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF092475.D

Acq: 25 Jan 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB96090BS

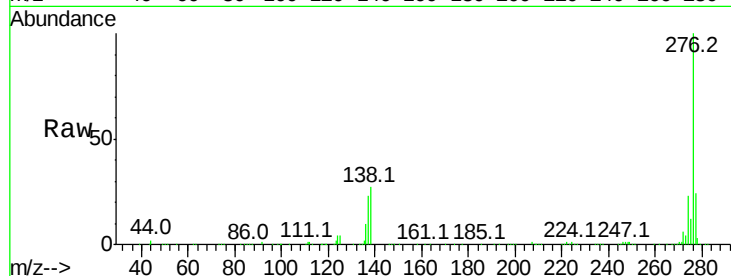
Tot Ion:276 Resp: 928343

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 27.2 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

