

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093968.D
 Acq On : 28 Mar 2017 3:21
 Operator : SJ/MA
 Sample : I2384-03MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 04:45:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	166399	20.00	ng	-0.01
21) Naphthalene-d8	7.45	136	666307	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	315743	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	570439	20.00	ng	0.00
75) Chrysene-d12	14.67	240	447419	20.00	ng	-0.01
86) Perylene-d12	16.30	264	268409	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.49	112	1181930	119.97	ng	0.02
7) Phenol-d6	5.55	99	1475049	121.03	ng	0.00
23) Nitrobenzene-d5	6.59	82	1005797	86.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	364291	146.01	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	1825690	88.19	ng	0.00
78) Terphenyl-d14	13.39	244	1602524	80.28	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	174922	36.96	ng	# 82
3) Pyridine	2.89	79	460923	35.73	ng	99
4) n-Nitrosodimethylamine	2.84	42	221336	41.70	ng	89
6) Aniline	5.56	93	100224	5.91	ng	# 1
8) 2-Chlorophenol	5.70	128	486290	44.91	ng	100
9) Benzaldehyde	5.43	77	74195	9.02	ng	97
10) Phenol	5.56	94	529226	38.16	ng	90
11) bis(2-Chloroethyl)ether	5.65	93	470726	43.43	ng	99
12) 1,3-Dichlorobenzene	5.87	146	484847	39.92	ng	100
13) 1,4-Dichlorobenzene	5.96	146	501030	40.73	ng	98
14) 1,2-Dichlorobenzene	6.14	146	537316	47.43	ng	95
15) Benzyl Alcohol	6.10	79	354598	39.75	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.27	45	689626	41.29	ng	96
17) 2-Methylphenol	6.25	107	414348	44.68	ng	96
18) Hexachloroethane	6.53	117	174736	40.41	ng	# 82
19) n-Nitroso-di-n-propylamine	6.43	70	342661	43.75	ng	97
20) 3+4-Methylphenols	6.43	107	514026	45.76	ng	# 68
22) Acetophenone	6.42	105	693503	46.70	ng	# 89
24) Nitrobenzene	6.62	77	509667	44.26	ng	91
25) Isophorone	6.90	82	944125	46.02	ng	95
26) 2-Nitrophenol	6.99	139	277147	50.47	ng	96
27) 2,4-Dimethylphenol	7.06	122	472091	49.89	ng	97
28) bis(2-Chloroethoxy)methane	7.16	93	578932	42.79	ng	98
29) 2,4-Dichlorophenol	7.29	162	438454	49.56	ng	100
30) 1,2,4-Trichlorobenzene	7.38	180	406859	44.65	ng	98
31) Naphthalene	7.47	128	2114780	66.01	ng	100
32) Benzoic acid	7.22	122	324971	51.59	ng	89
33) 4-Chloroaniline	7.55	127	36170	2.79	ng	95
34) Hexachlorobutadiene	7.63	225	202754	43.39	ng	98
35) Caprolactam	7.99	113	78681	27.89	ng	91
36) 4-Chloro-3-methylphenol	8.16	107	465247	50.33	ng	90
37) 2-Methylnaphthalene	8.32	142	1156475	54.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	361609	41.86	ng	99
40) Hexachlorocyclopentadiene	8.52	237	358285	88.64	ng	99

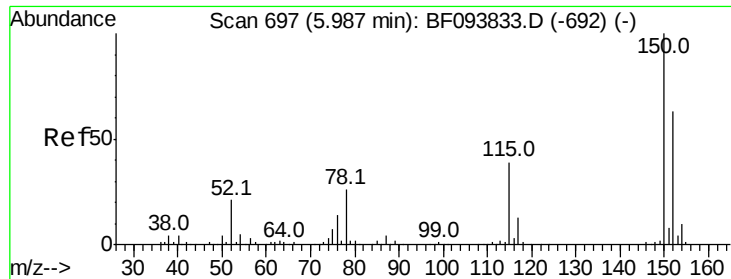
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	301782	49.38	nq	95
43) 2,4,5-Trichlorophenol	8.72	196	307233	46.46	nq	96
45) 1,1'-Biphenyl	8.89	154	1125324	44.19	nq	98
46) 2-Chloronaphthalene	8.91	162	891342	44.71	nq	95
47) 2-Nitroaniline	9.04	65	266891	45.13	nq	# 85
48) Acenaphthylene	9.42	152	1420511	42.87	nq	99
49) Dimethylphthalate	9.28	163	1085311	48.36	nq	99
50) 2,6-Dinitrotoluene	9.35	165	248506	48.30	nq	92
51) Acenaphthene	9.63	154	864971	44.74	nq	99
52) 3-Nitroaniline	9.54	138	36347	6.02	nq	88
53) 2,4-Dinitrophenol	9.68	184	278176	99.81	nq	# 71
54) Dibenzofuran	9.85	168	1244320	47.28	nq	100
55) 4-Nitrophenol	9.78	139	395589	83.61	nq	# 70
56) 2,4-Dinitrotoluene	9.84	165	314978	48.74	nq	# 73
57) Fluorene	10.27	166	938744	43.01	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	238516	52.57	nq	97
59) Diethylphthalate	10.15	149	1053811	47.50	nq	100
60) 4-Chlorophenyl-phenylether	10.27	204	395560	42.54	nq	90
61) 4-Nitroaniline	10.30	138	175767	30.32	nq	95
62) Azobenzene	10.47	77	996748	47.50	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	185499	53.10	nq	# 76
65) n-Nitrosodiphenylamine	10.42	169	610798	30.96	nq	97
66) 4-Bromophenyl-phenylether	10.87	248	254988	45.45	nq	94
67) Hexachlorobenzene	10.94	284	264475	46.57	nq	# 92
68) Atrazine	11.09	200	111243	18.83	nq	94
69) Pentachlorophenol	11.19	266	307354	86.95	nq	99
70) Phenanthrene	11.44	178	1428469	45.02	nq	100
71) Anthracene	11.51	178	1466197	44.88	nq	99
72) Carbazole	11.71	167	886018	26.45	nq	98
73) Di-n-butylphthalate	12.16	149	1636478	46.97	nq	99
74) Fluoranthene	12.91	202	1477793	45.48	nq	99
77) Pyrene	13.19	202	1477186	45.49	nq	99
79) Butylbenzylphthalate	14.00	149	703018	50.81	nq	# 84
80) Benzo(a)anthracene	14.66	228	1205542	46.21	nq	99
82) Chrysene	14.70	228	1036811	42.82	nq	98
83) Bis(2-ethylhexyl)phthalate	14.72	149	921886	48.84	nq	# 99
84) Di-n-octyl phthalate	15.47	149	1595705	50.60	nq	97
85) Indeno(1,2,3-cd)pyrene	17.67	276	844652	40.28	nq	99
87) Benzo(b)fluoranthene	15.89	252	1013200	61.58	nq	99
88) Benzo(k)fluoranthene	15.92	252	926133	57.53	nq	96
89) Benzo(a)pyrene	16.24	252	846726	55.89	nq	97
90) Dibenzo(a,h)anthracene	17.70	278	716390	55.83	nq	99
91) Benzo(g,h,i)perylene	18.08	276	681548	52.71	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

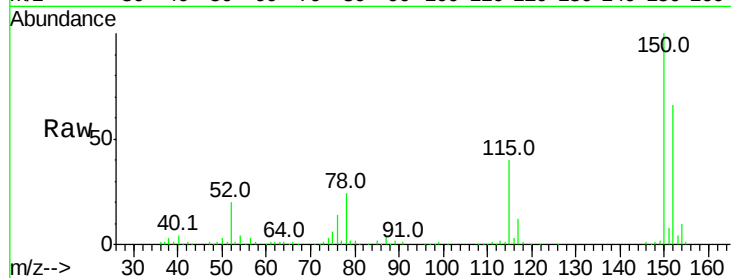
Tot Ion:152 Resp: 166399

Ion Ratio Lower Upper

152 100

150 152.1 126.2 189.2

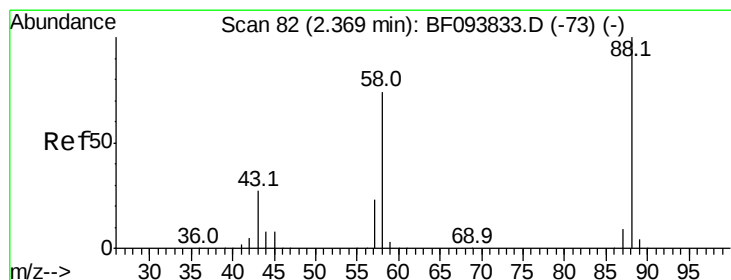
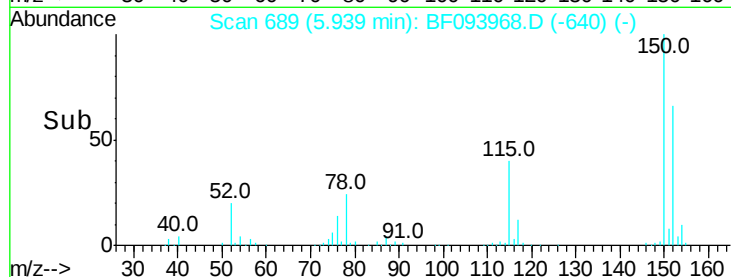
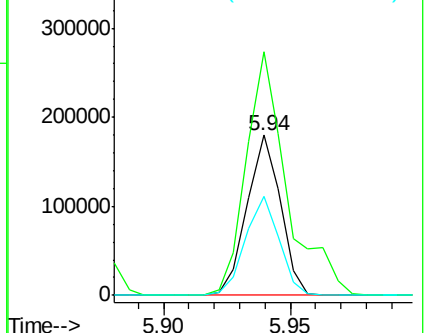
115 61.5 52.2 78.2



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: 36.96 ng

RT: 2.45 min Scan# 96

Delta R.T. 0.13 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

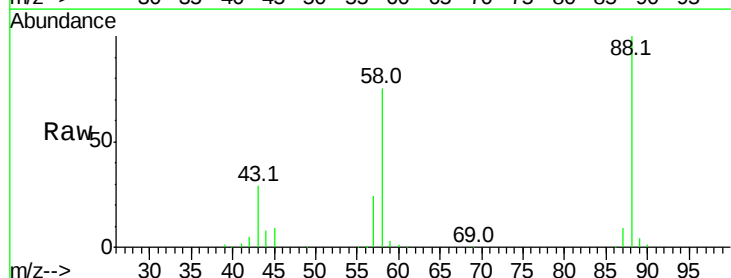
Tgt Ion: 88 Resp: 174922

Ion Ratio Lower Upper

88 100

58 73.7 61.4 92.0

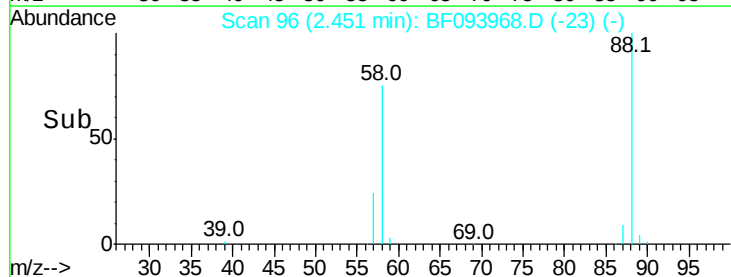
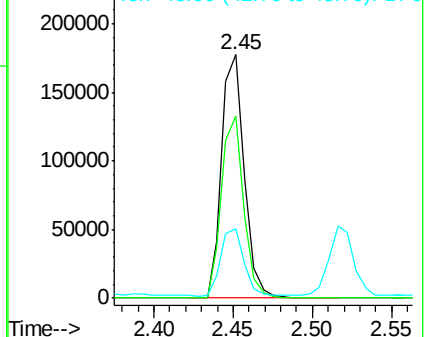
43 0.0 23.4 35.0#

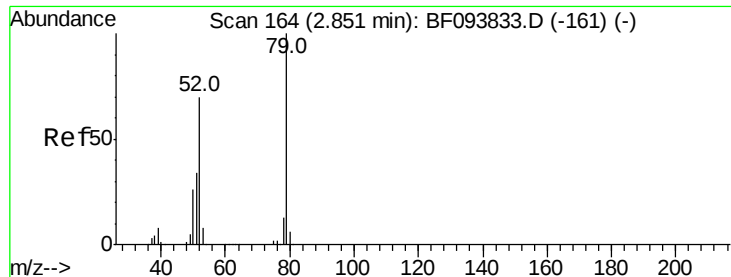


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.73 ng

RT: 2.89 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampled :

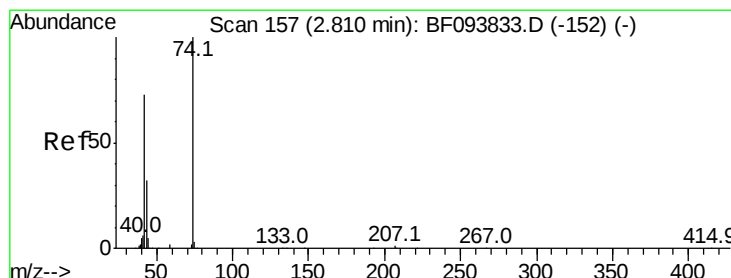
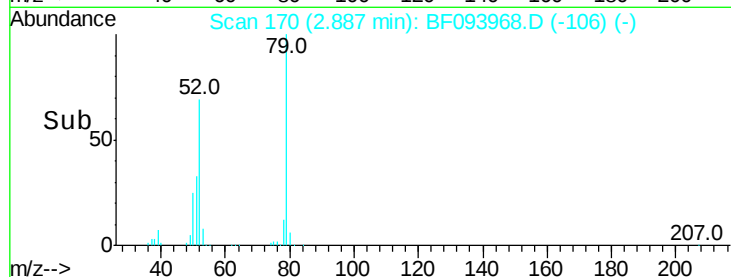
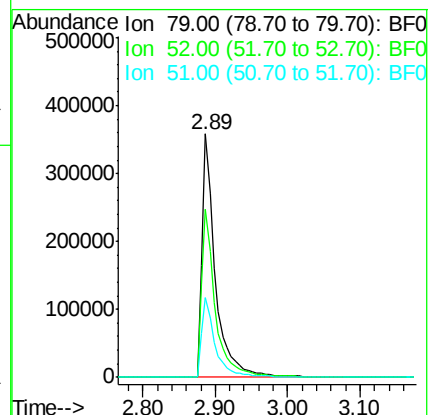
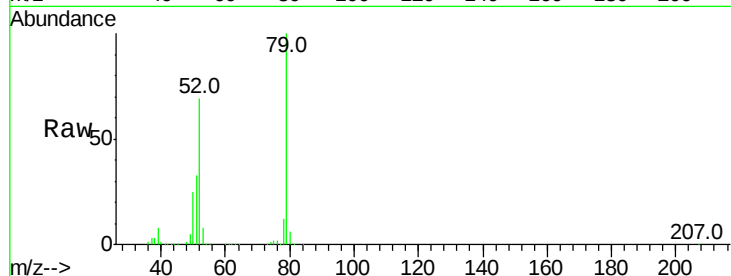
Tot Ion: 79 Resp: 460923

Ion Ratio Lower Upper

79 100

52 68.9 54.8 82.2

51 32.8 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 41.70 ng

RT: 2.84 min Scan# 162

Delta R.T. 0.06 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

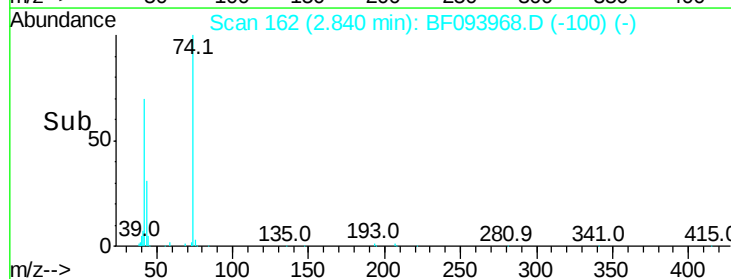
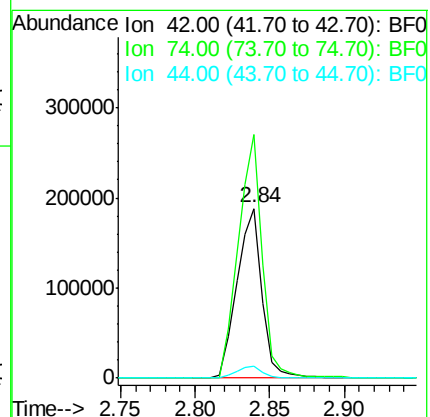
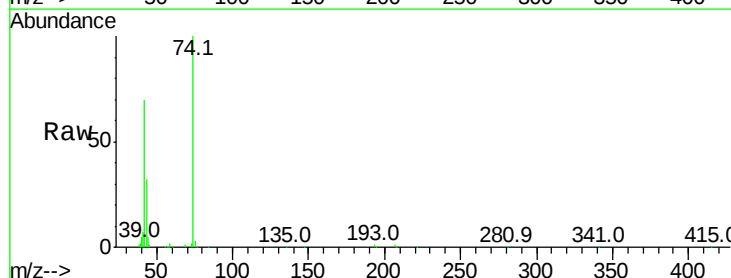
Tgt Ion: 42 Resp: 221336

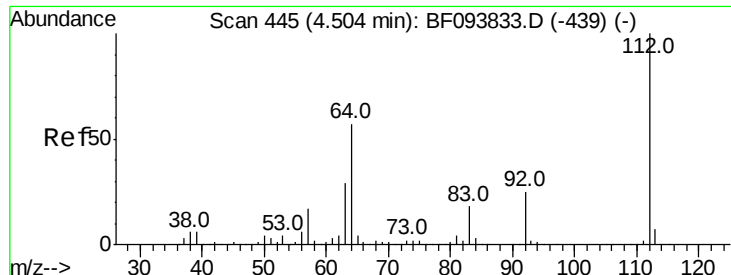
Ion Ratio Lower Upper

42 100

74 143.2 103.9 155.9

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 119.97 ng

RT: 4.49 min Scan# 443

Delta R.T. 0.02 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

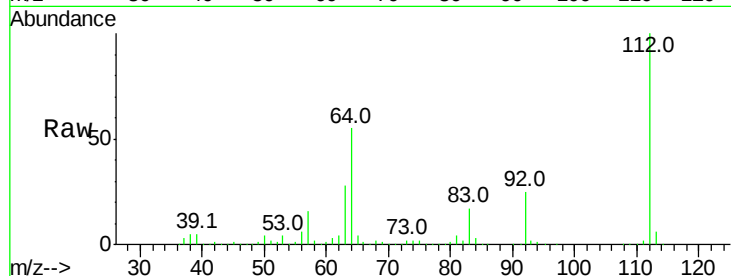
Tot Ion:112 Resp: 1181930

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

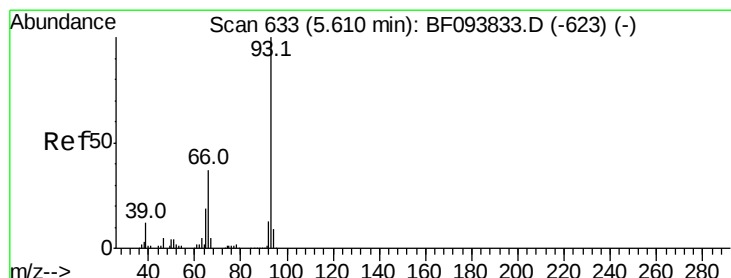
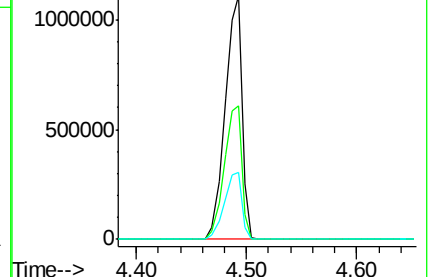
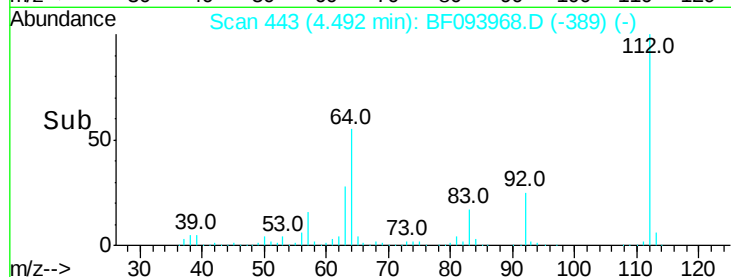
63 27.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5.91 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

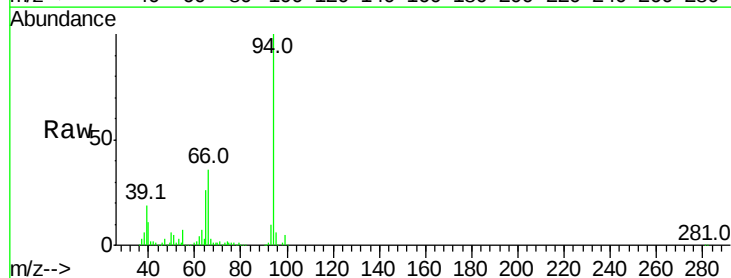
Tgt Ion: 93 Resp: 100224

Ion Ratio Lower Upper

93 100

66 356.8 32.9 49.3#

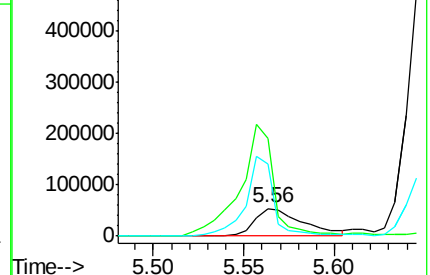
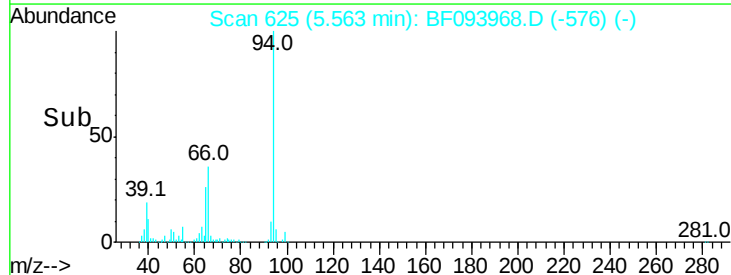
65 263.2 16.0 24.0#

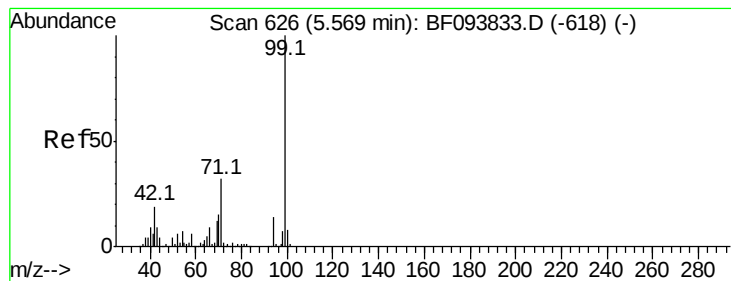


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.03 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

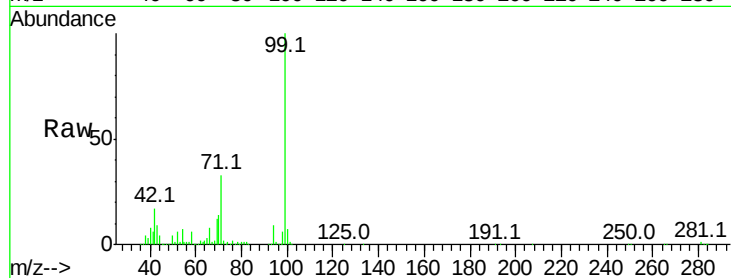
Tot Ion: 99 Resp: 1475049

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

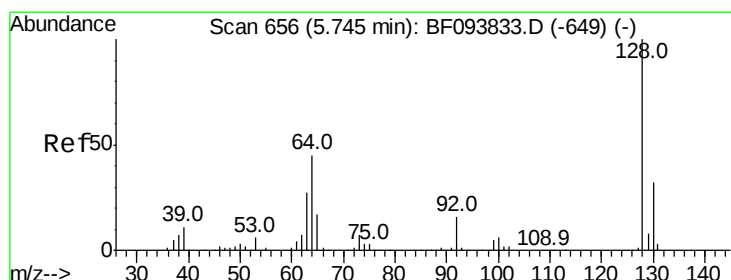
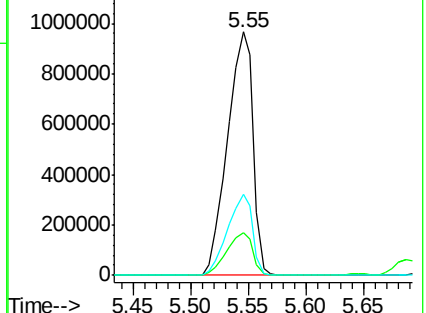
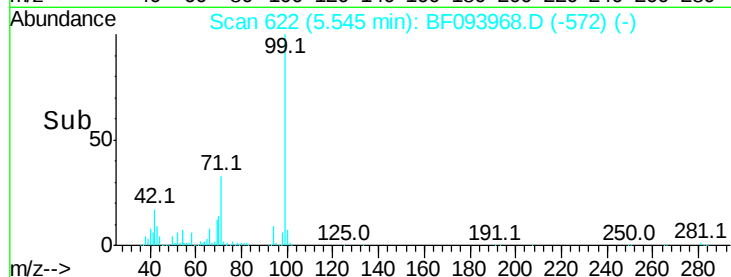
71 33.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.91 ng

RT: 5.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

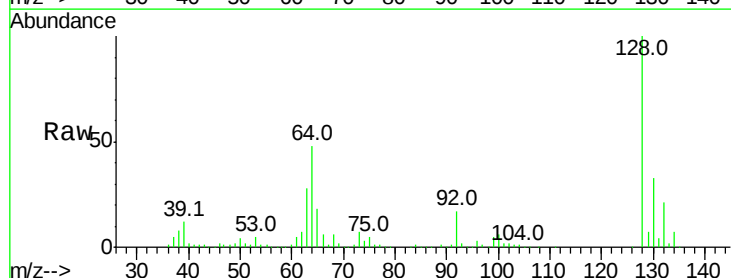
Tgt Ion:128 Resp: 486290

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

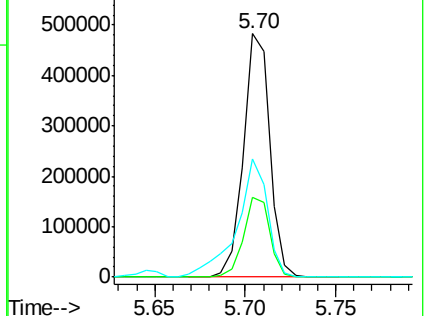
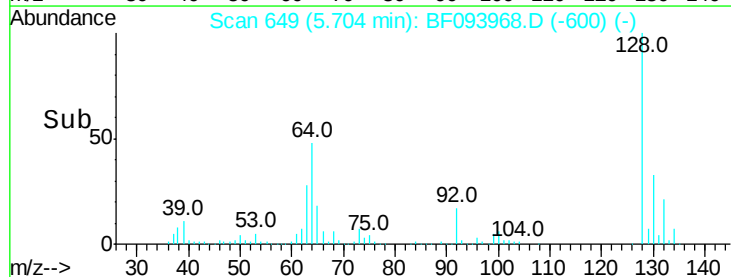
64 48.5 28.4 68.4

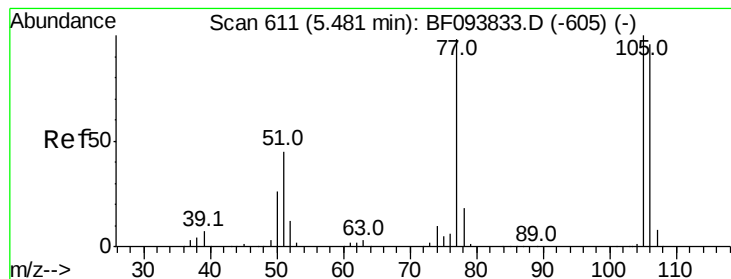


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.02 ng

RT: 5.43 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

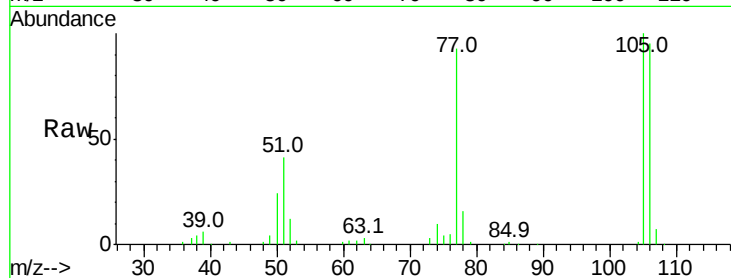
Tot Ion: 77 Resp: 74195

Ion Ratio Lower Upper

77 100

105 107.2 83.8 123.8

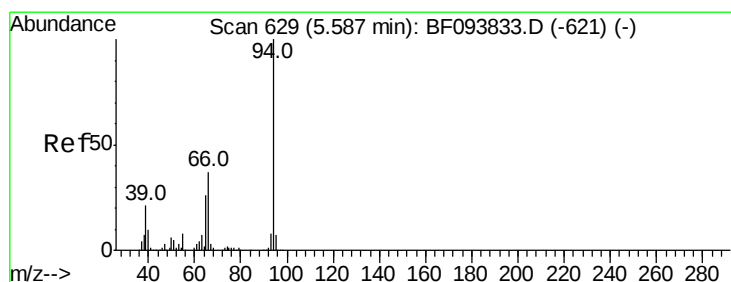
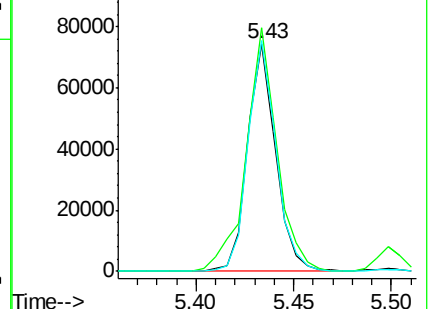
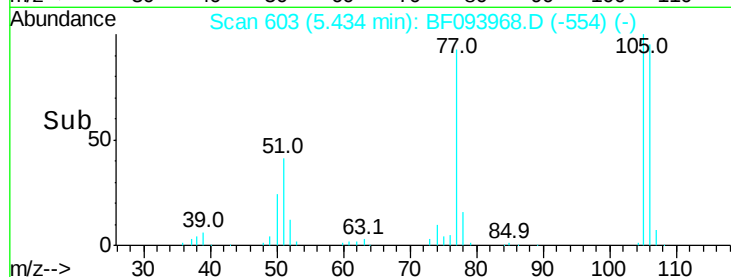
106 101.6 79.1 119.1



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: 38.16 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

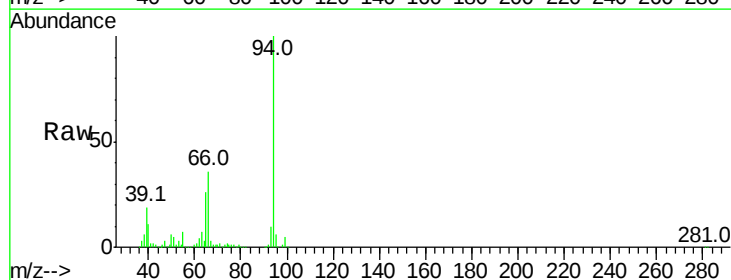
Tgt Ion: 94 Resp: 529226

Ion Ratio Lower Upper

94 100

65 26.2 9.9 49.9

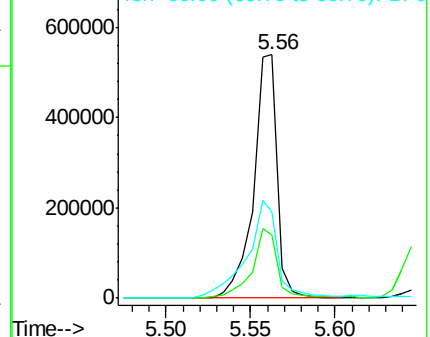
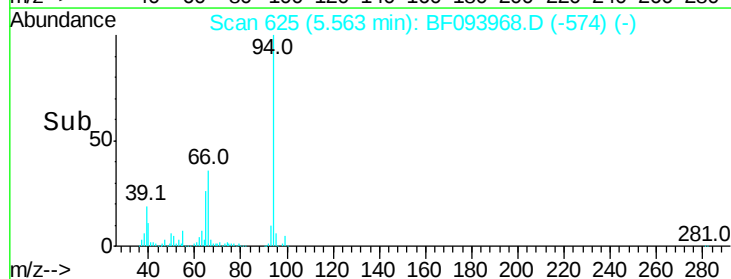
66 35.5 23.1 63.1

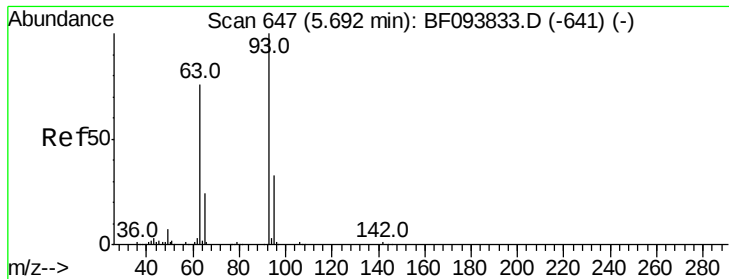


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.43 ng

RT: 5.65 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

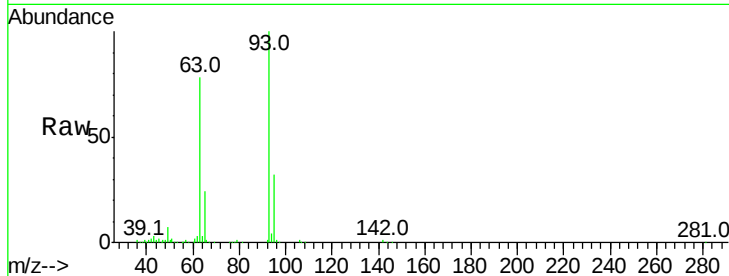
Tot Ion: 93 Resp: 470726

Ion Ratio Lower Upper

93 100

63 78.4 59.2 99.2

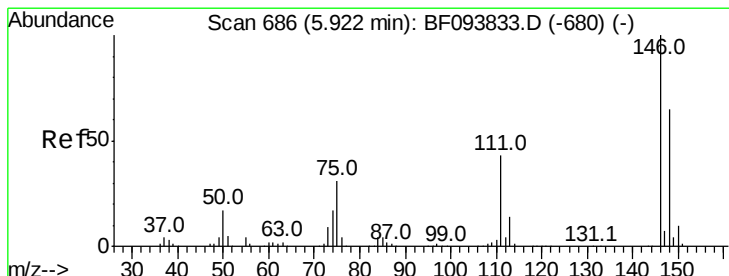
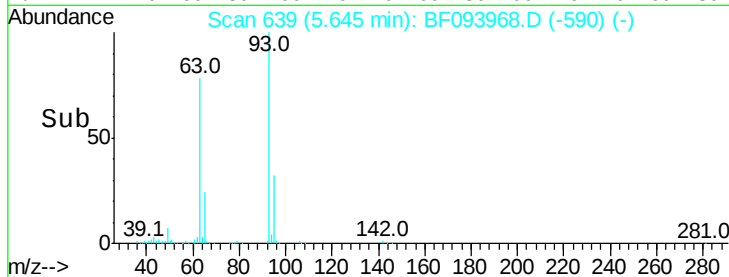
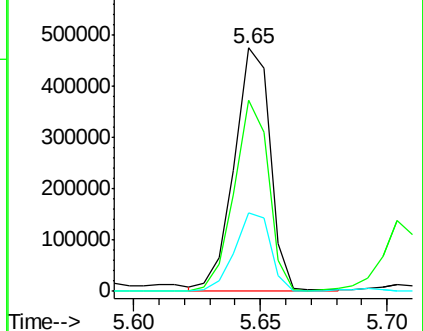
95 32.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.92 ng

RT: 5.87 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

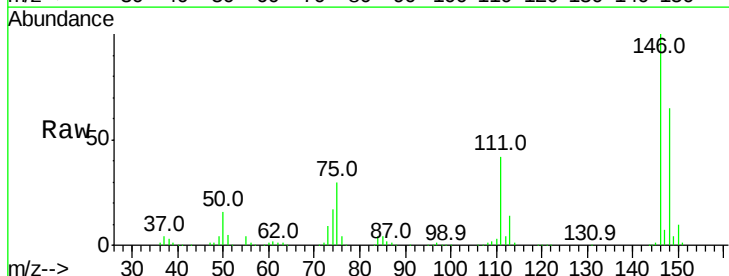
Tgt Ion: 146 Resp: 484847

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

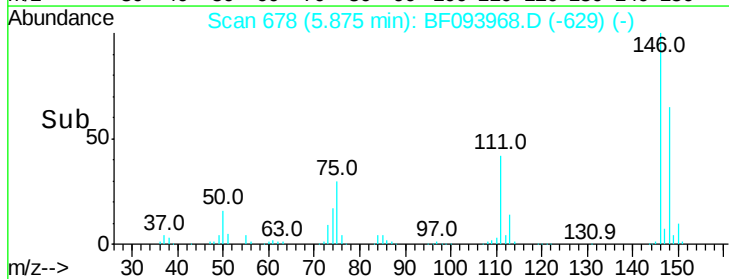
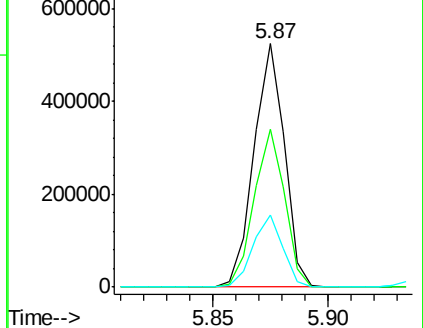
75 29.5 23.1 34.7

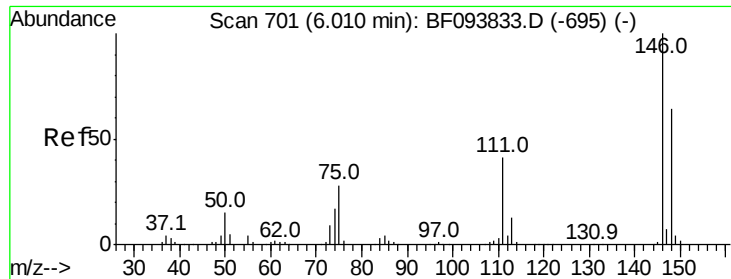


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

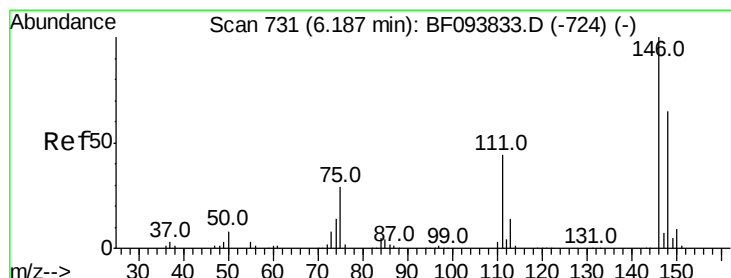
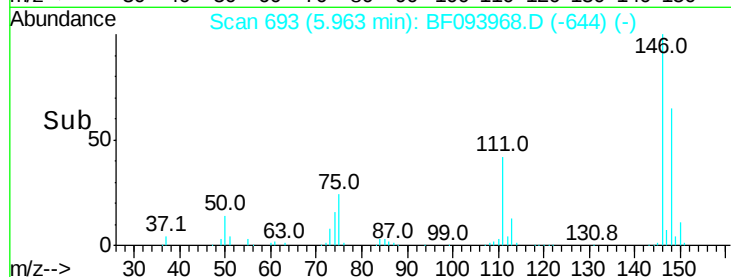
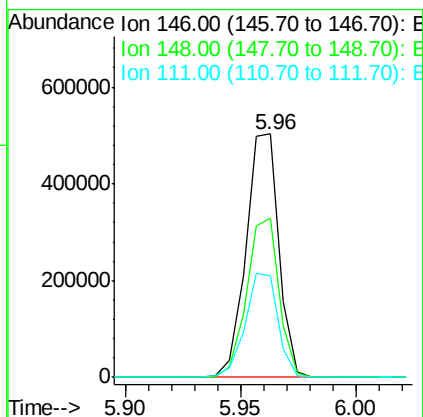
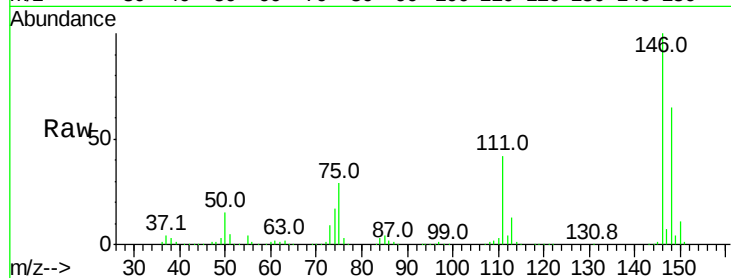




#13
 1,4-Dichlorobenzene
 Concen: 40.73 ng
 RT: 5.96 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

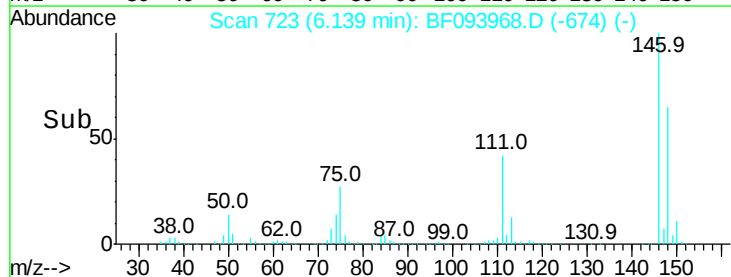
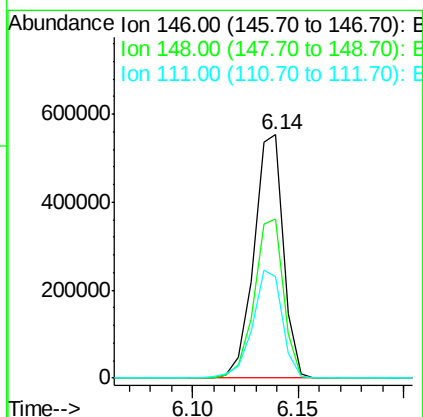
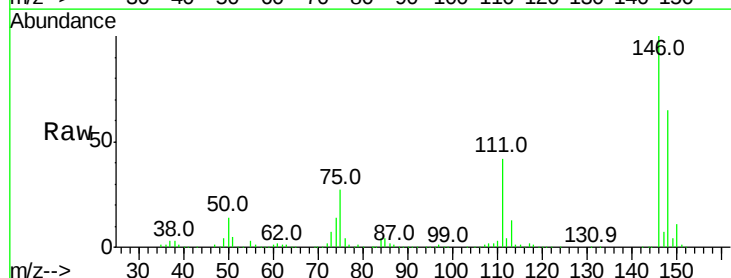
Instrument :
 BNA_G
 ClientSampleId :

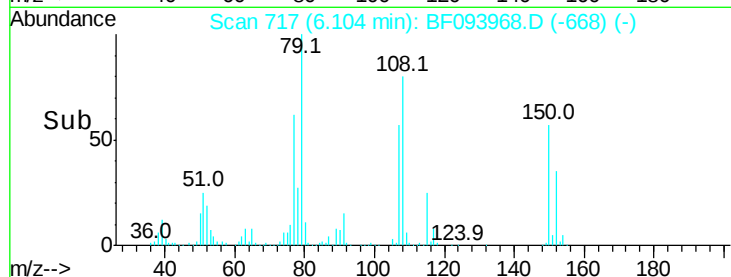
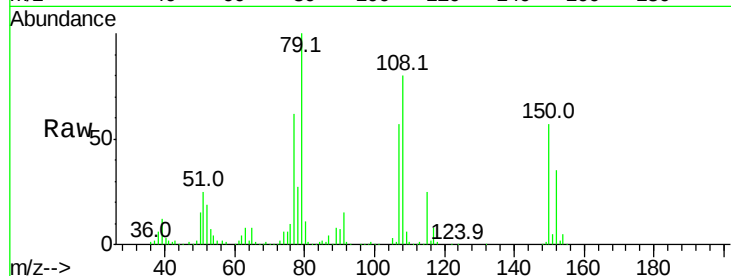
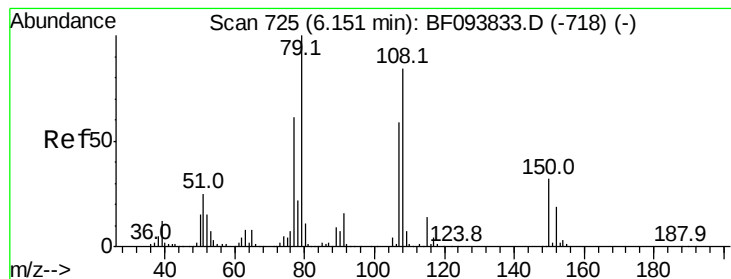
Tot Ion:146 Resp: 501030
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.2
 111 42.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 47.43 ng
 RT: 6.14 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Tgt Ion:146 Resp: 537316
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.4 75.6
 111 41.9 38.2 57.4





#15

Benzyl Alcohol

Concen: 39.75 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampled :

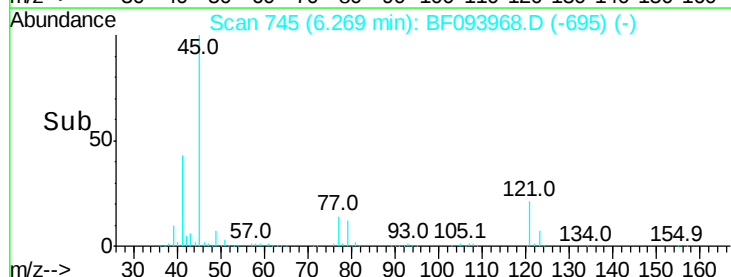
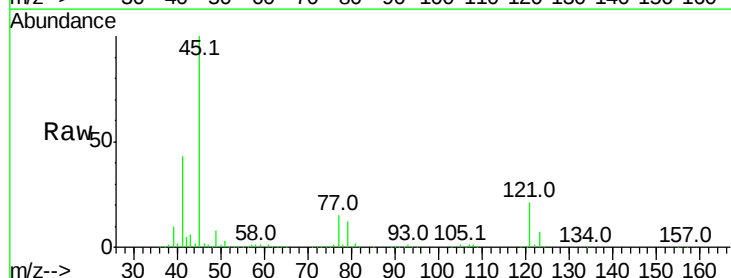
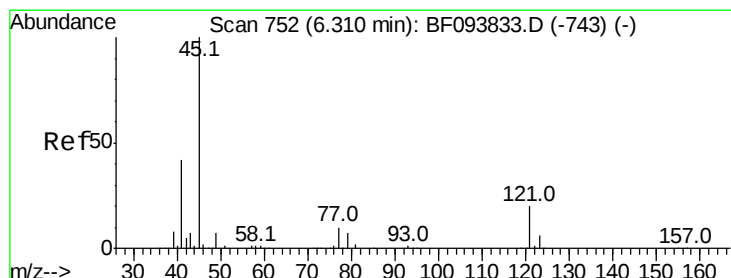
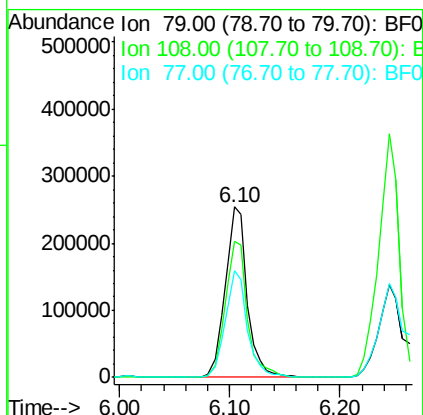
Tot Ion: 79 Resp: 354598

Ion Ratio Lower Upper

79 100

108 80.1 63.4 95.0

77 62.5 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.29 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

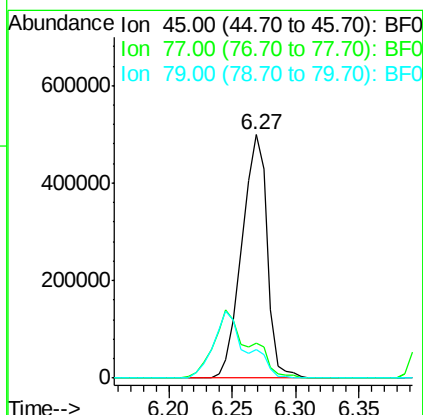
Tgt Ion: 45 Resp: 689626

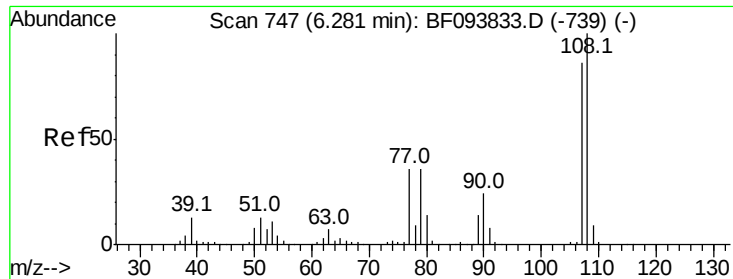
Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.2

79 11.5 0.0 30.0

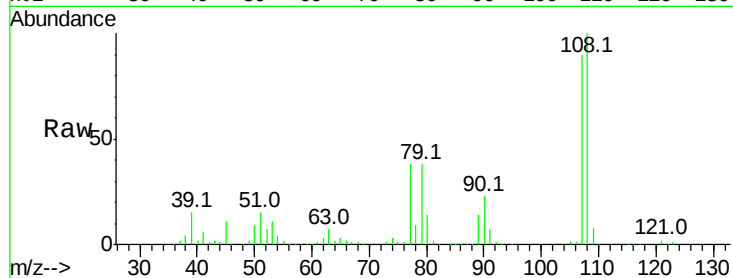




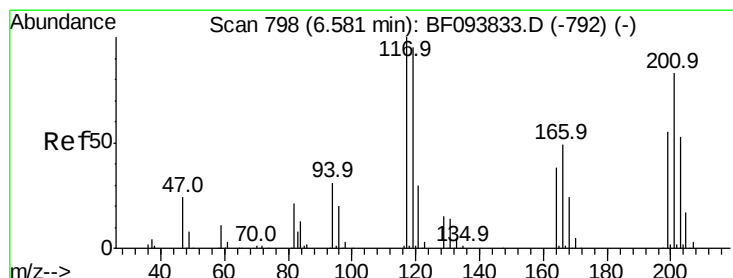
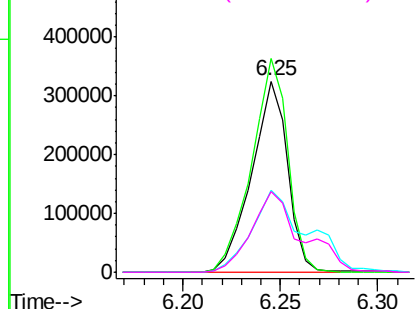
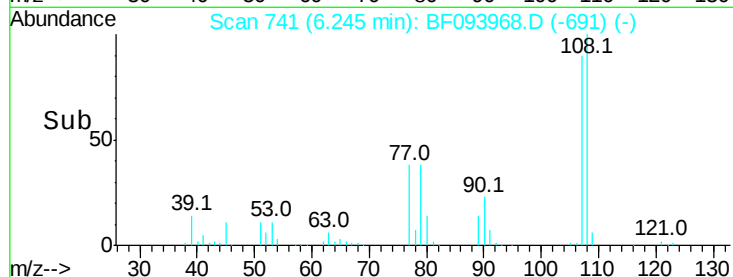
#17
2-Methylphenol
Concen: 44.68 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 414348
Ion Ratio Lower Upper
107 100
108 111.7 93.4 140.0
77 42.8 35.8 53.6
79 42.3 34.8 52.2

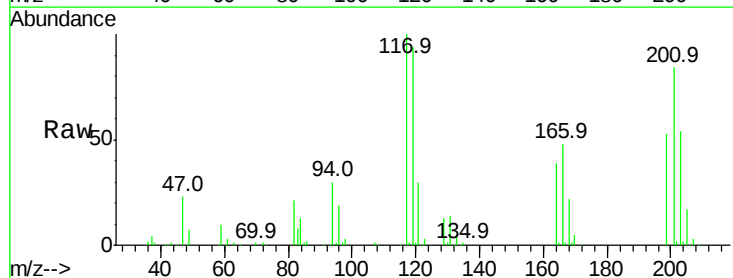


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

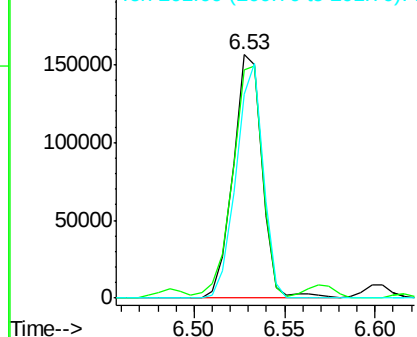
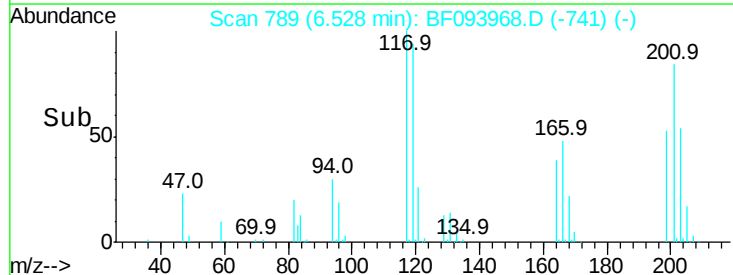


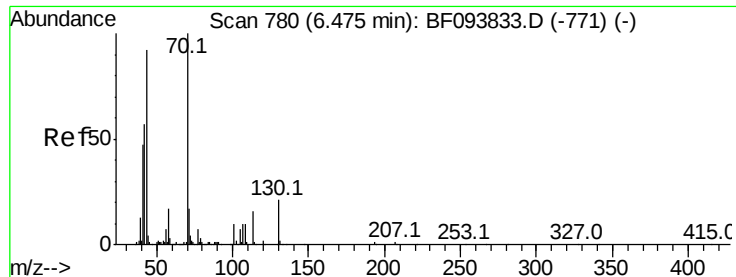
#18
Hexachloroethane
Concen: 40.41 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

Tgt Ion:117 Resp: 174736
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.0
201 83.8 94.6 141.8#



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: 43.75 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 342661

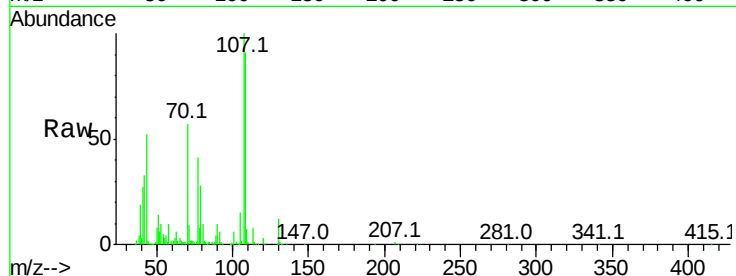
Ion Ratio Lower Upper

70 100

42 57.4 47.2 70.8

101 9.8 7.2 10.8

130 21.8 15.9 23.9

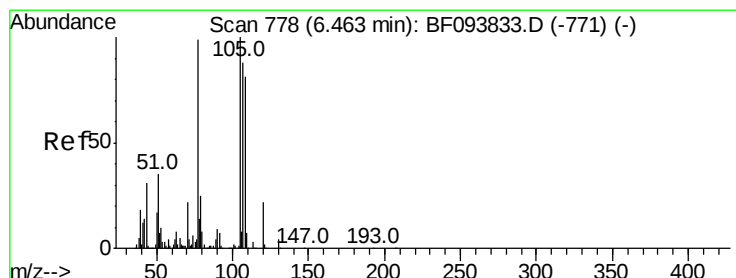
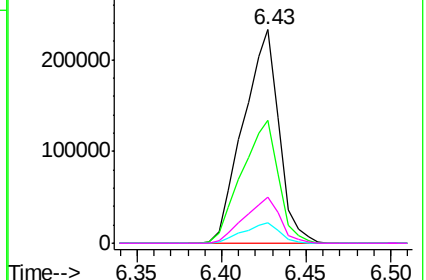
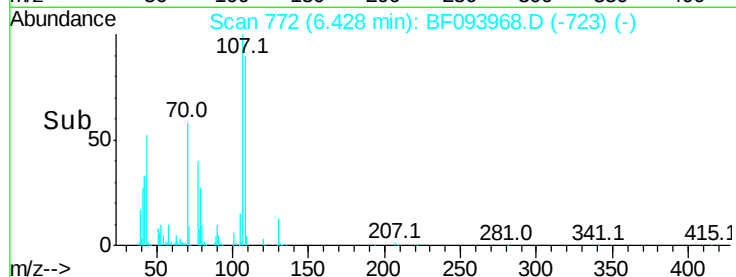


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 45.76 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Tgt Ion: 107 Resp: 514026

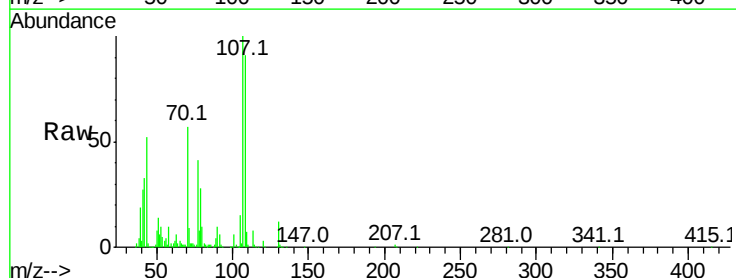
Ion Ratio Lower Upper

107 100

108 90.9 71.0 111.0

77 40.6 90.5 130.5#

79 27.8 8.4 48.4

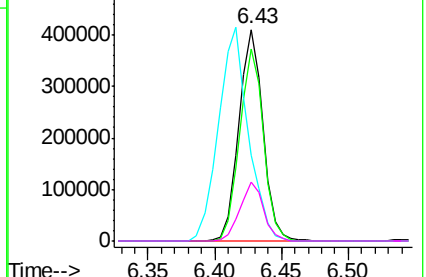
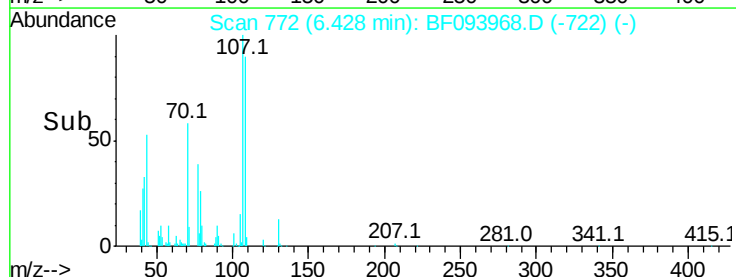


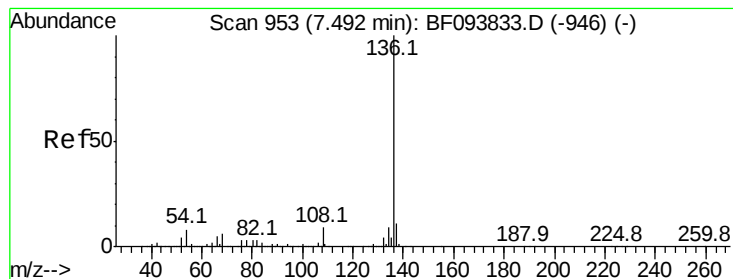
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.45 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF093968.D

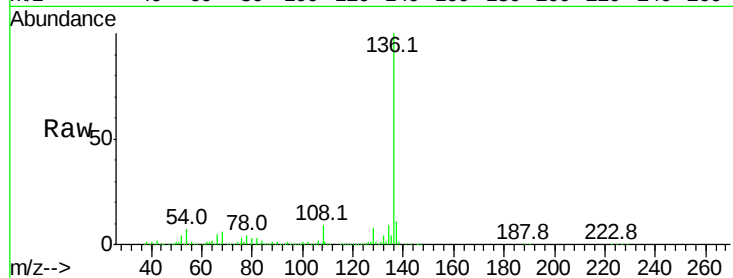
Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp: 666307
Ion Ratio	Lower Upper
136 100	
137 11.1	8.5 12.7
54 7.3	4.9 7.3
68 5.7	4.1 6.1



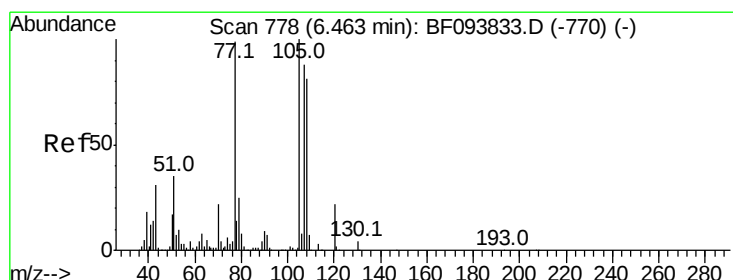
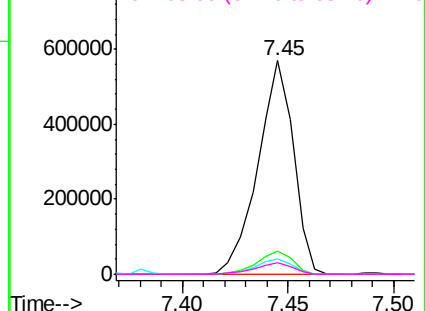
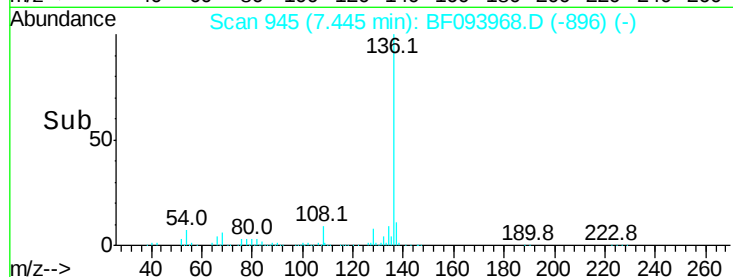
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.70 ng

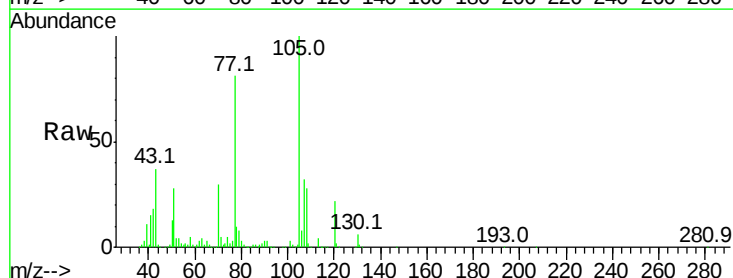
RT: 6.42 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Tgt	Ion:105	Resp:	693503
Ion	Ratio	Lower	Upper
105	100		
71	5.1	2.8	4.2#
51	28.0	30.7	46.1#
120	21.7	17.4	26.0



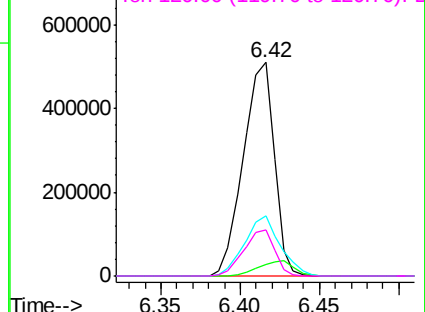
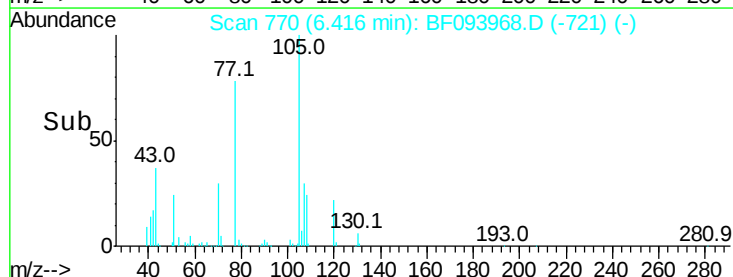
Abundance

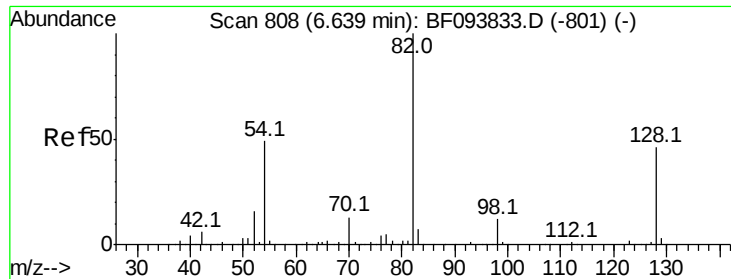
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



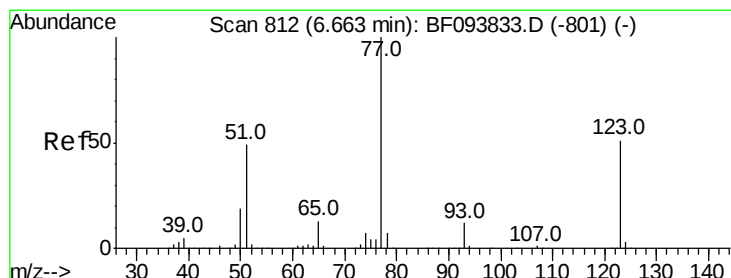
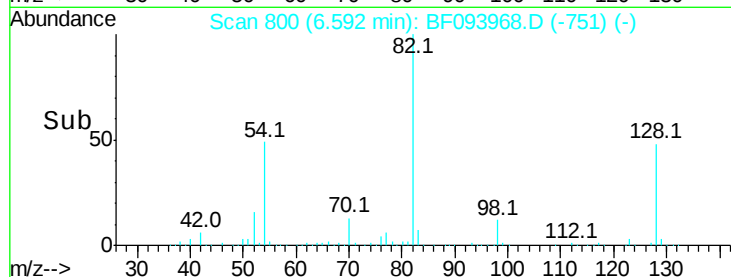
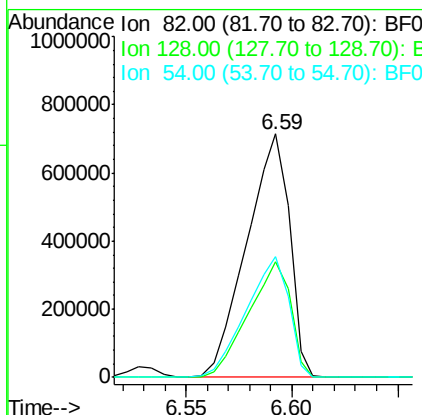
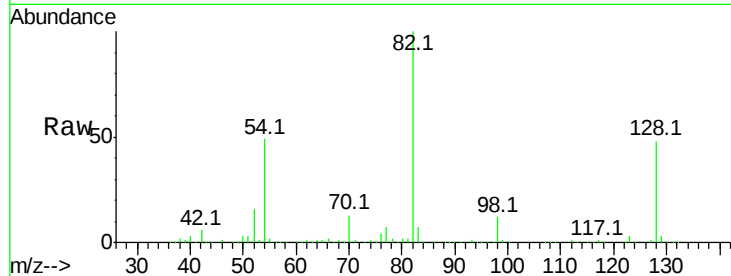


#23
 Nitrobenzene-d5
 Concen: 86.15 ng
 RT: 6.59 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 1005797

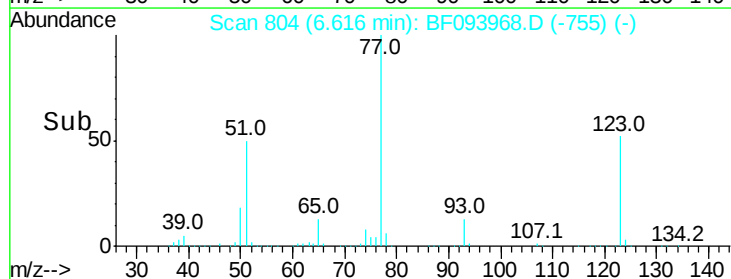
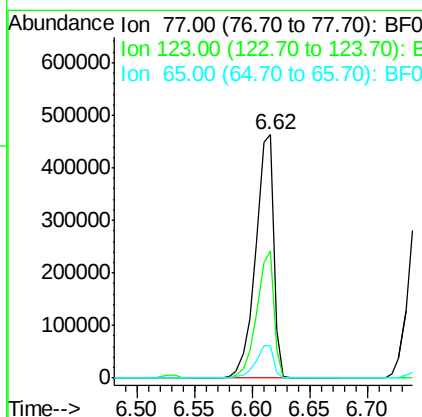
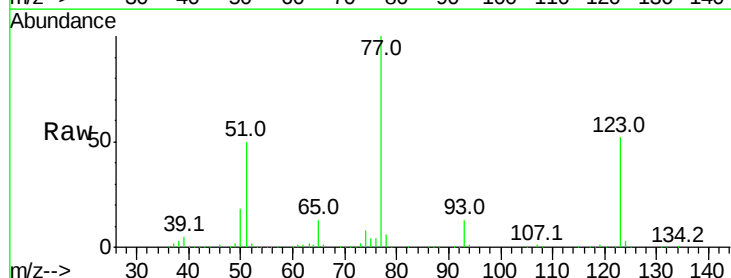
Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	49.4	42.2	63.2

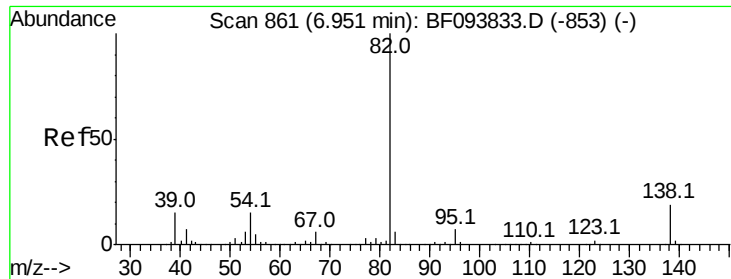


#24
 Nitrobenzene
 Concen: 44.26 ng
 RT: 6.62 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Tgt Ion: 77 Resp: 509667

Ion	Ratio	Lower	Upper
77	100		
123	52.3	35.8	53.8
65	13.1	10.6	15.8

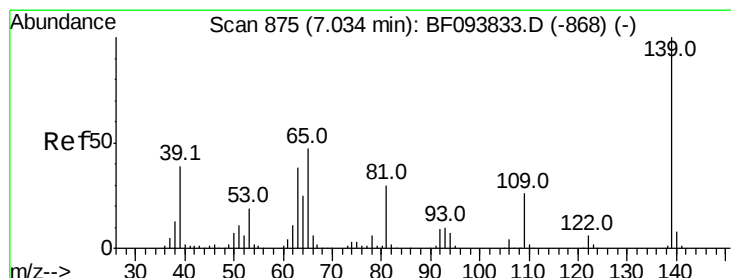
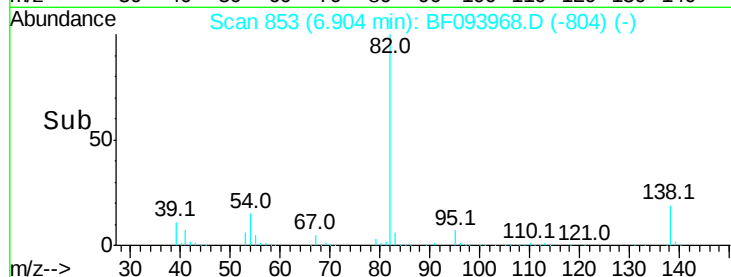
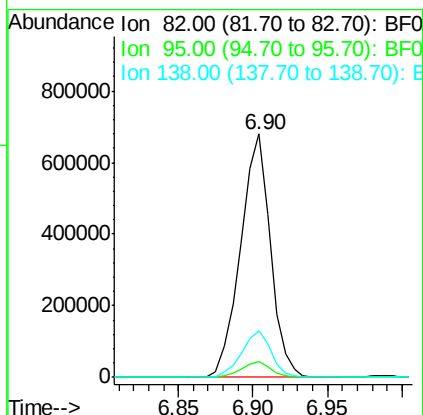
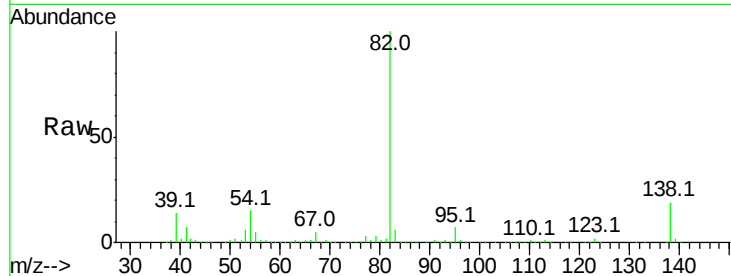




#25
Isophorone
Concen: 46.02 ng
RT: 6.90 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

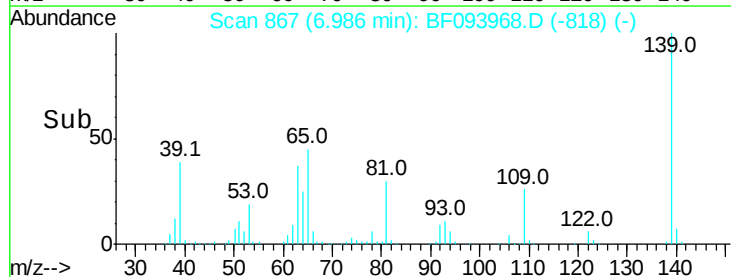
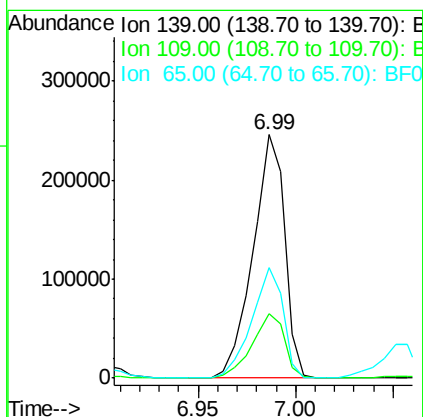
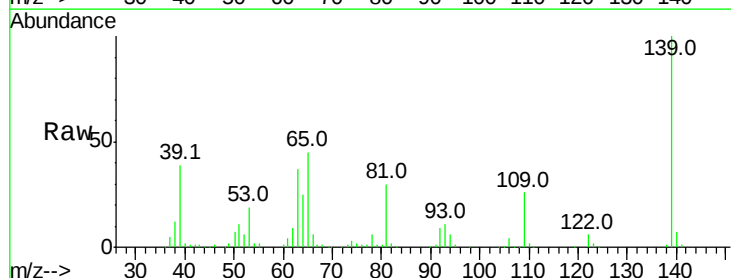
Instrument :
BNA_G
ClientSampleId :

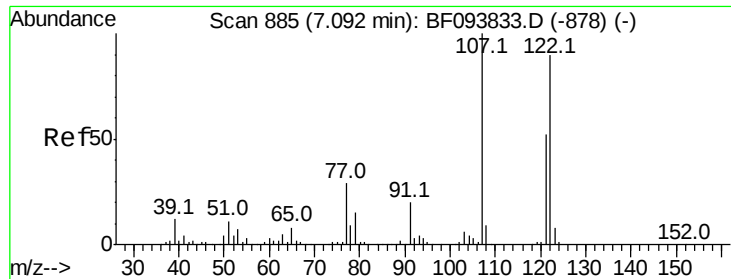
Tot Ion: 82 Resp: 944125
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 19.1 13.1 19.7



#26
2-Nitrophenol
Concen: 50.47 ng
RT: 6.99 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

Tgt Ion: 139 Resp: 277147
Ion Ratio Lower Upper
139 100
109 26.3 21.0 31.6
65 45.4 33.0 49.6

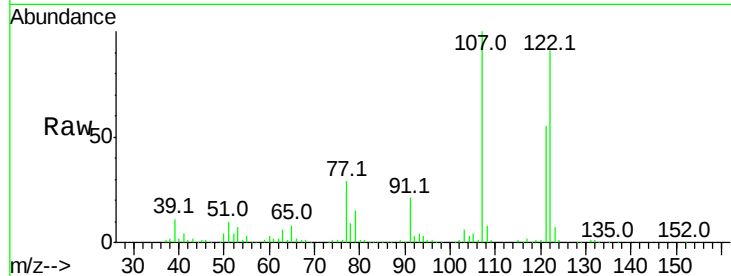




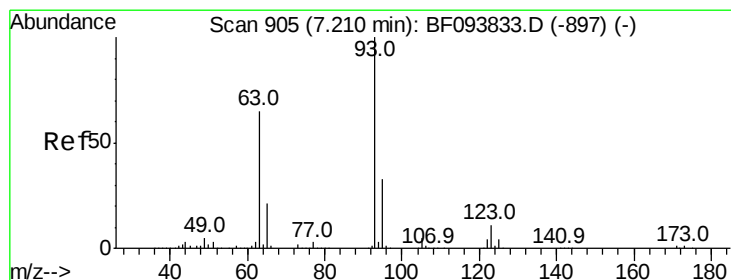
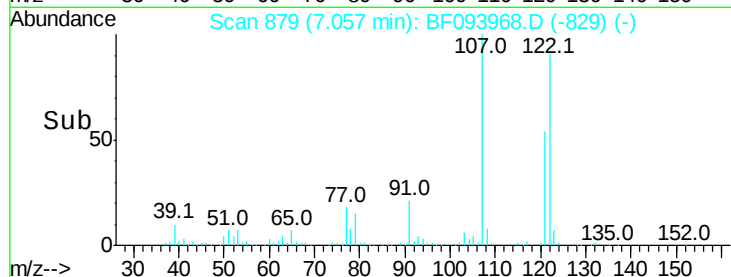
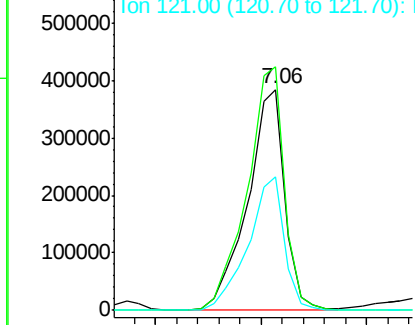
#27
 2,4-Dimethylphenol
 Concen: 49.89 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 472091
 Ion Ratio Lower Upper
 122 100
 107 110.2 89.2 133.8
 121 60.3 45.2 67.8

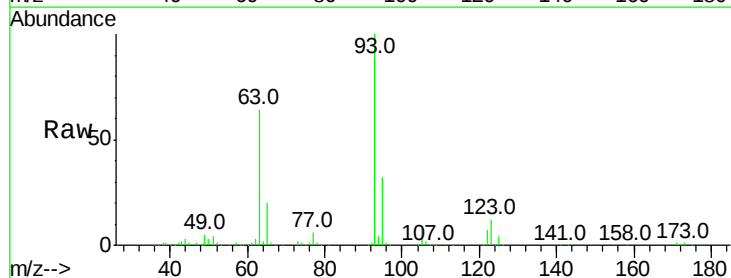


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

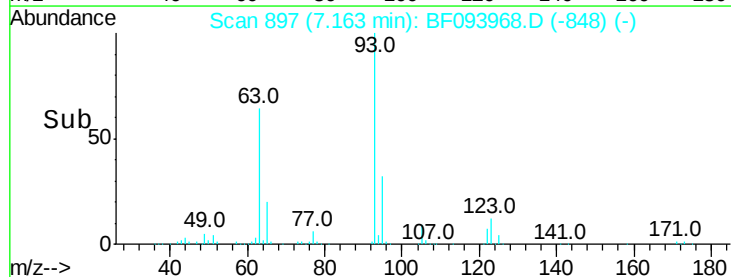
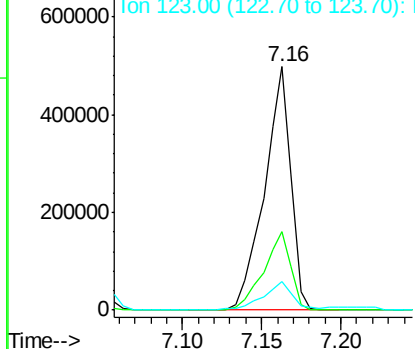


#28
 bis(2-Chloroethoxy)methane
 Concen: 42.79 ng
 RT: 7.16 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Tgt Ion: 93 Resp: 578932
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 11.5 9.0 13.4



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

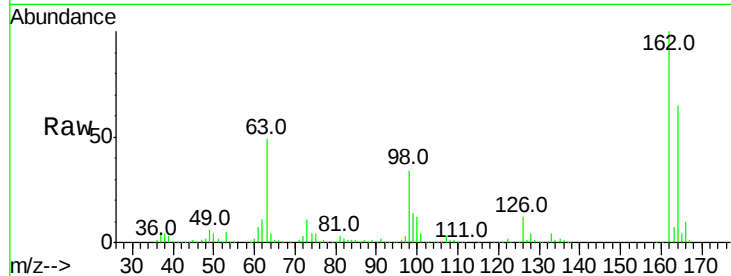




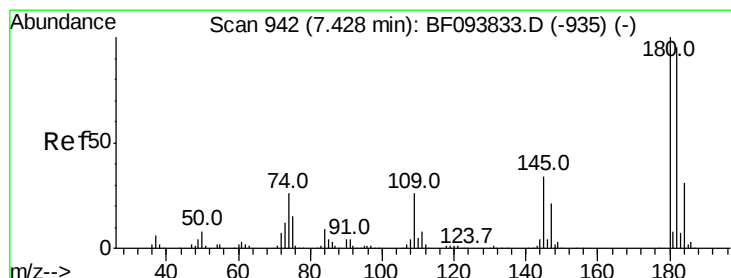
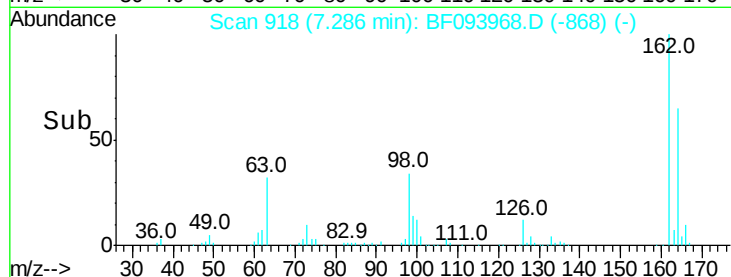
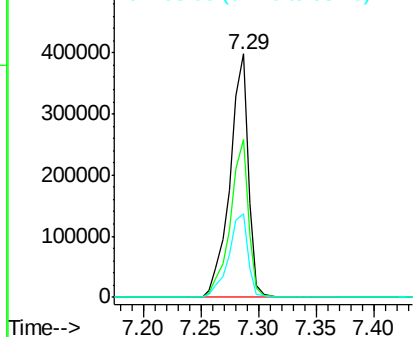
#29
 2,4-Dichlorophenol
 Concen: 49.56 ng
 RT: 7.29 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:162 Resp: 438454
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.6 84.6
 98 34.3 14.8 54.8

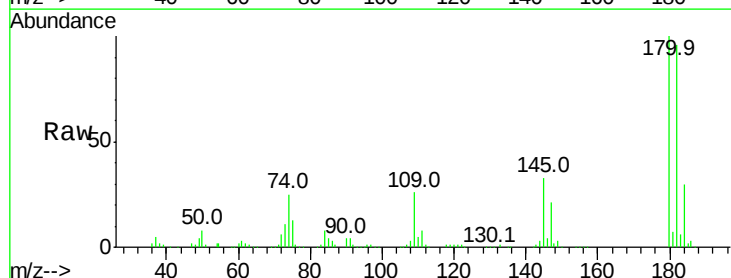


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

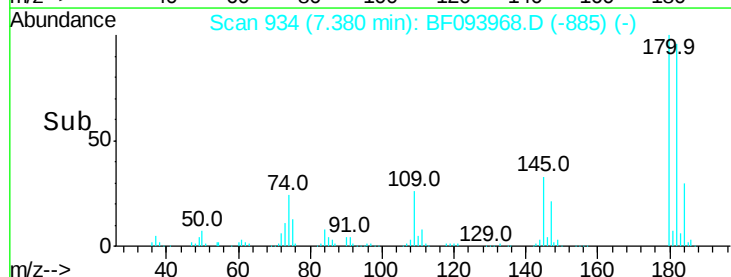
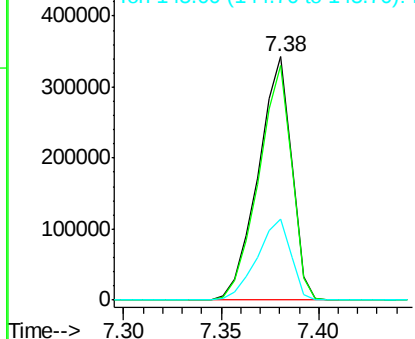


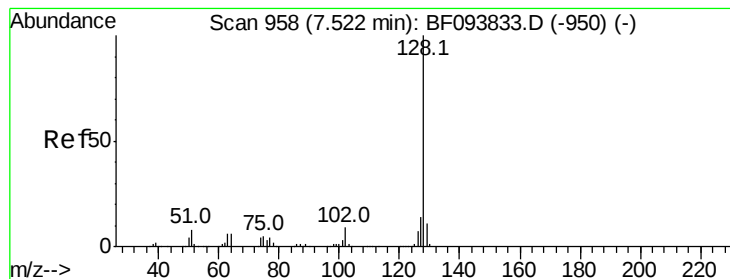
#30
 1,2,4-Trichlorobenzene
 Concen: 44.65 ng
 RT: 7.38 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Tgt Ion:180 Resp: 406859
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.8 113.6
 145 33.1 25.3 37.9



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: 66.01 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampled :

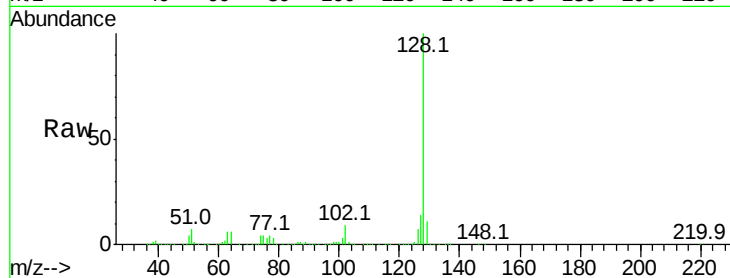
Tot Ion:128 Resp: 2114780

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

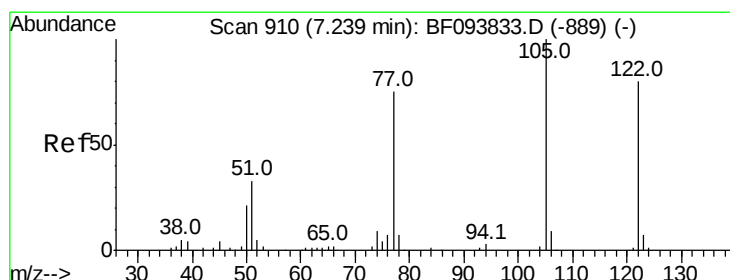
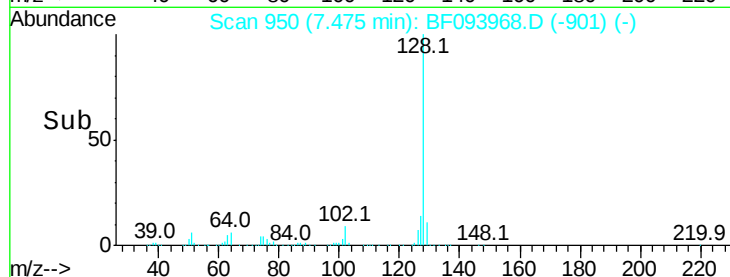
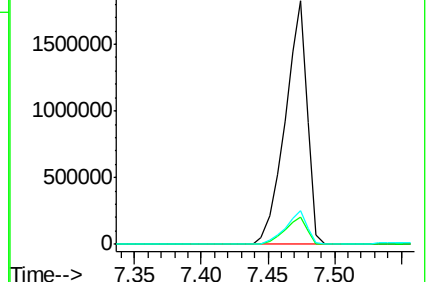
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.59 ng

RT: 7.22 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

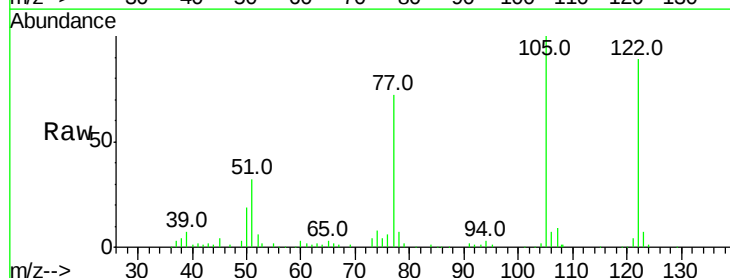
Tgt Ion:122 Resp: 324971

Ion Ratio Lower Upper

122 100

105 113.0 103.3 143.3

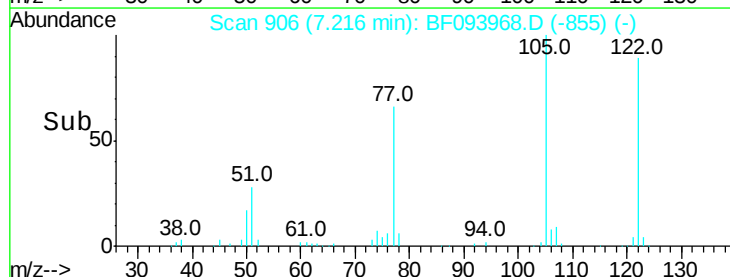
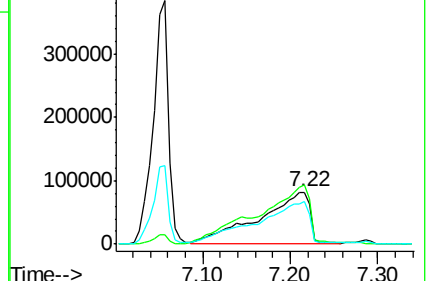
77 81.6 73.7 113.7



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

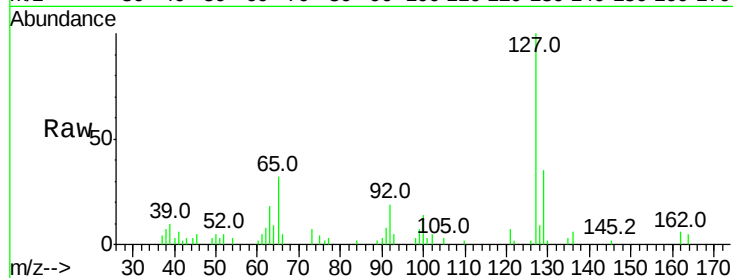




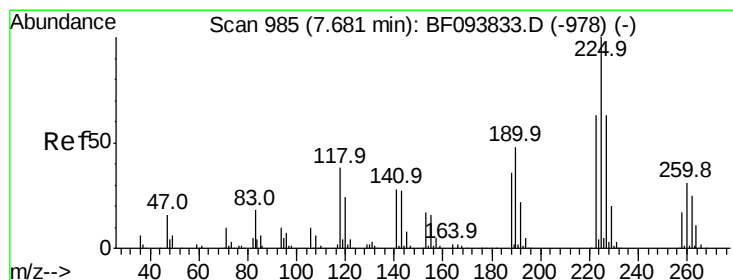
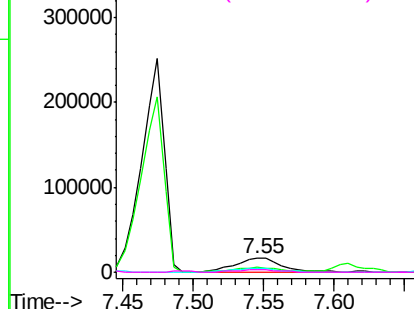
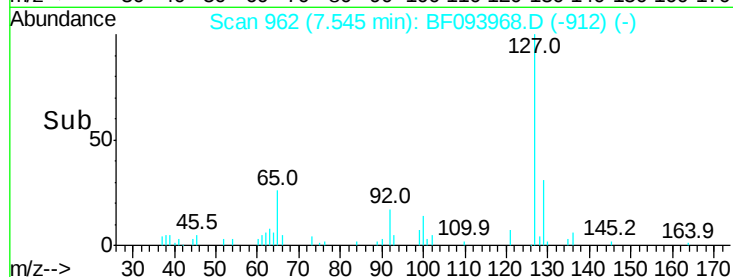
#33
4-Chloroaniline
Concen: 2.79 ng
RT: 7.55 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	36170
Ion	Ratio	Lower	Upper
127	100		
129	35.0	26.2	39.2
65	31.6	27.8	41.8
92	19.2	16.8	25.2

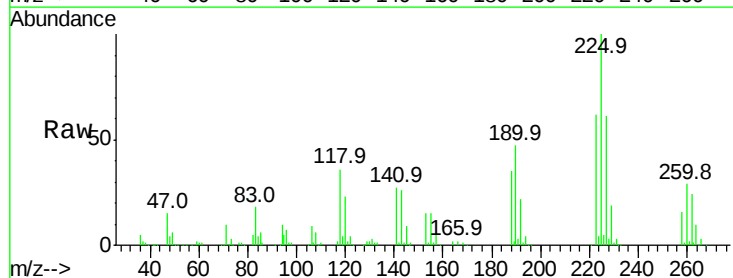


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

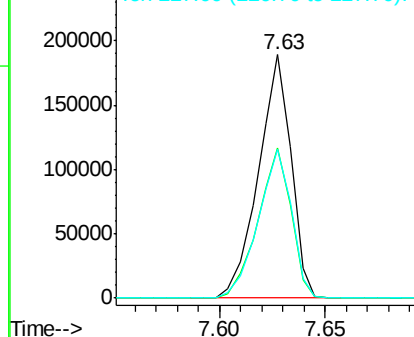
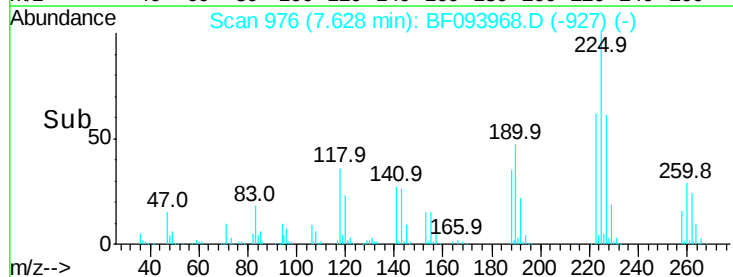


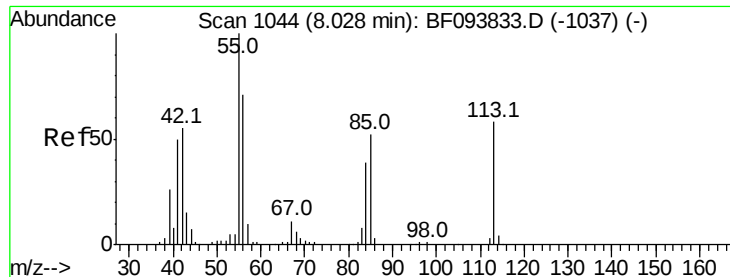
#34
Hexachlorobutadiene
Concen: 43.39 ng
RT: 7.63 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

Tgt Ion:	225	Resp:	202754
Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.8	73.2
227	61.4	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.89 ng

RT: 7.99 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampled :

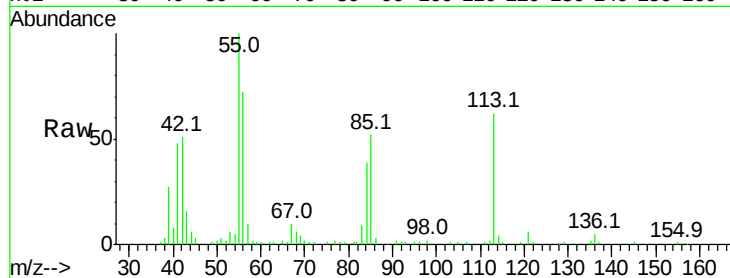
Tot Ion:113 Resp: 78681

Ion Ratio Lower Upper

113 100

55 160.3 150.2 190.2

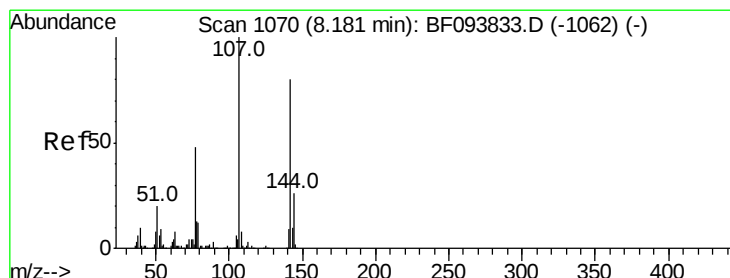
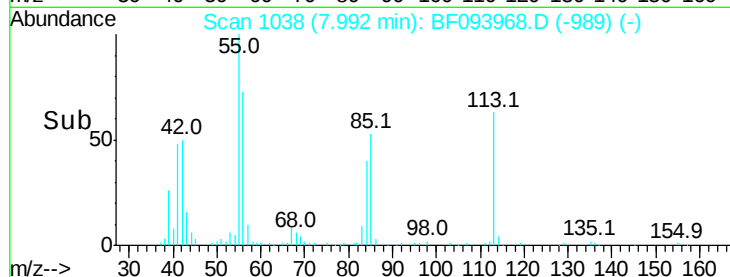
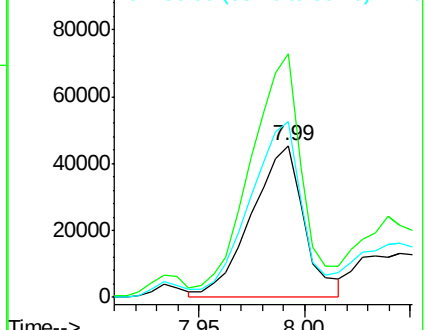
56 116.0 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 50.33 ng

RT: 8.16 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

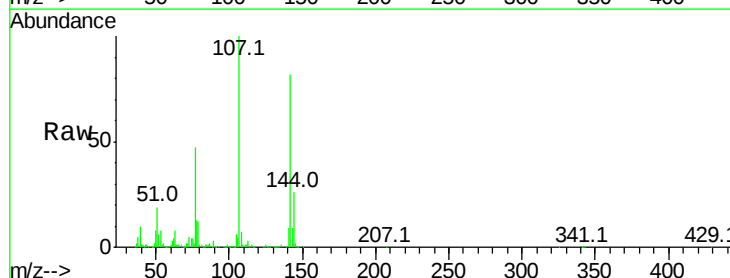
Tgt Ion:107 Resp: 465247

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

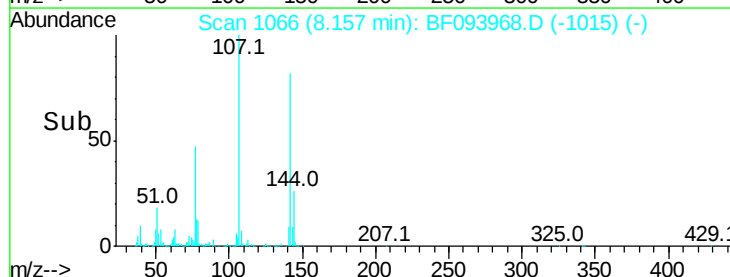
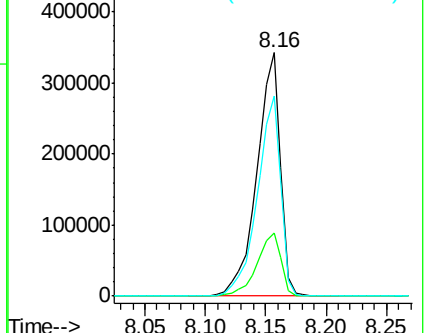
142 82.1 73.4 110.0

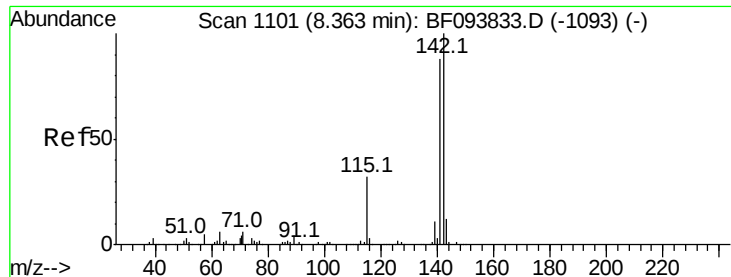


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 54.15 ng

RT: 8.32 min Scan# 1093

Delta R.T. -0.01 min

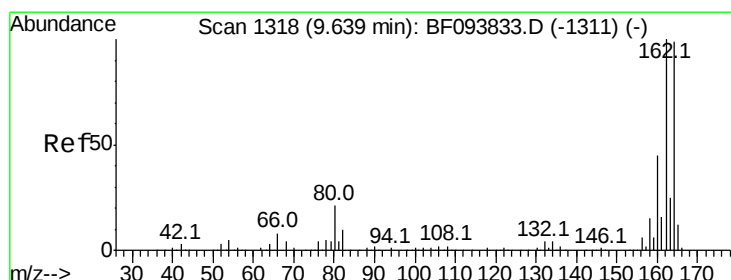
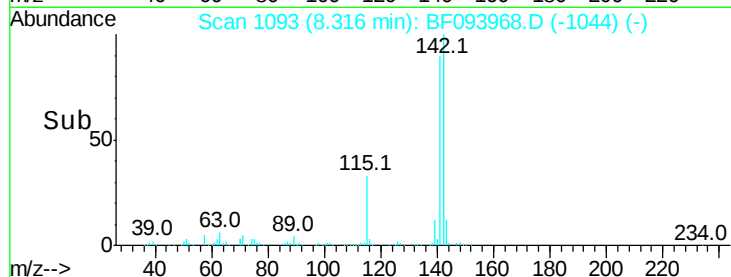
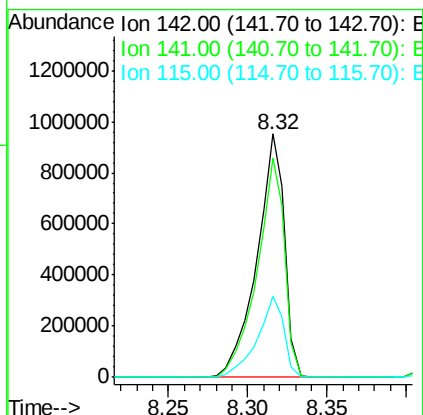
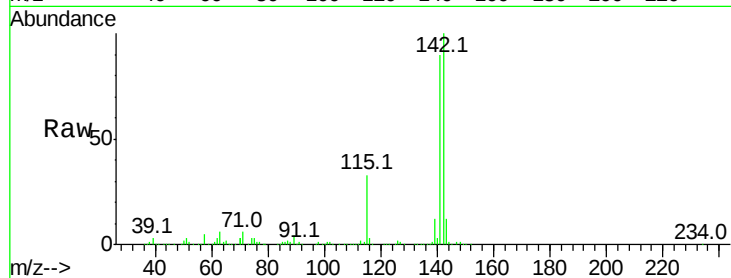
Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 1156475

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	33.1	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 1310

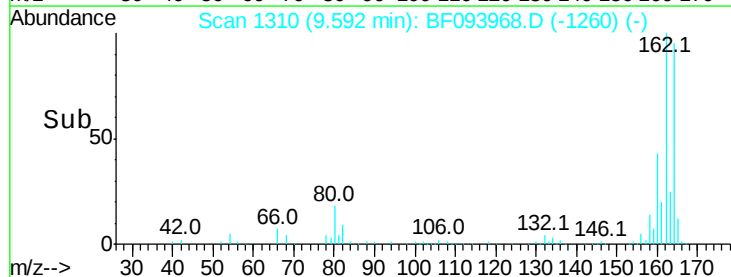
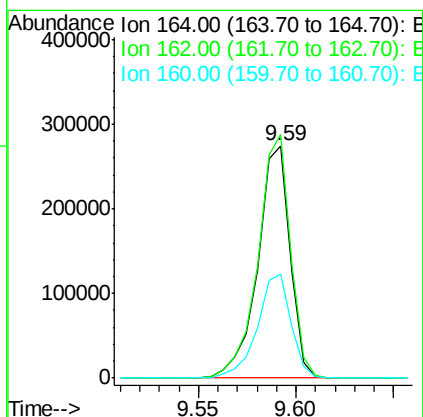
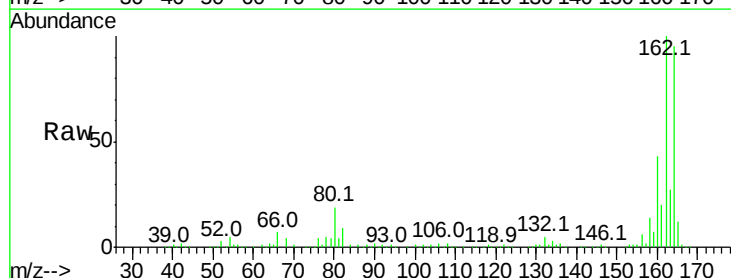
Delta R.T. -0.01 min

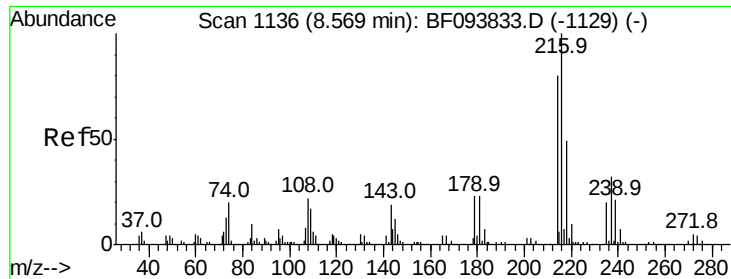
Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Tgt Ion:164 Resp: 315743

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	44.8	36.2	54.2

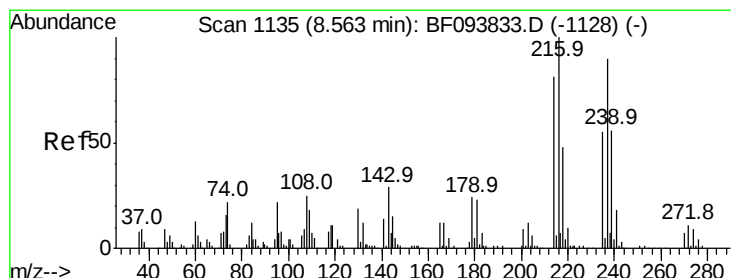
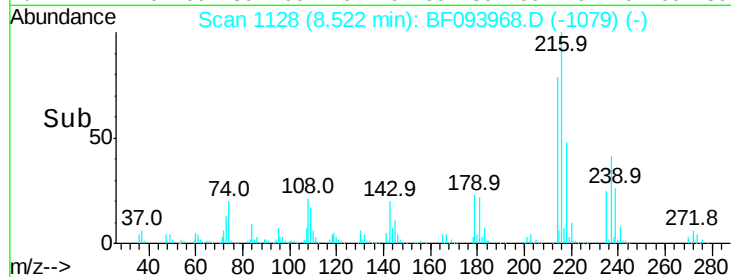
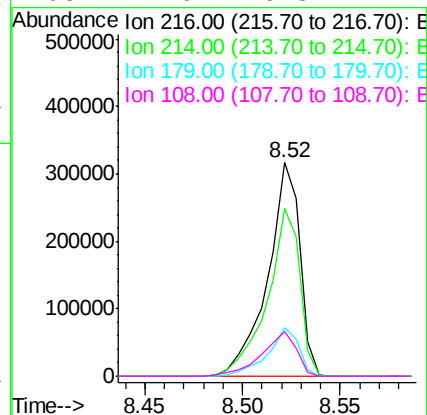
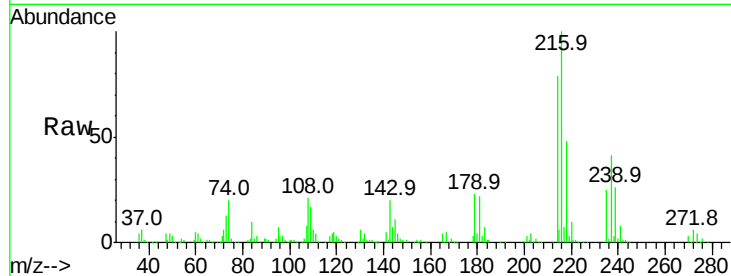




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.86 ng
 RT: 8.52 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

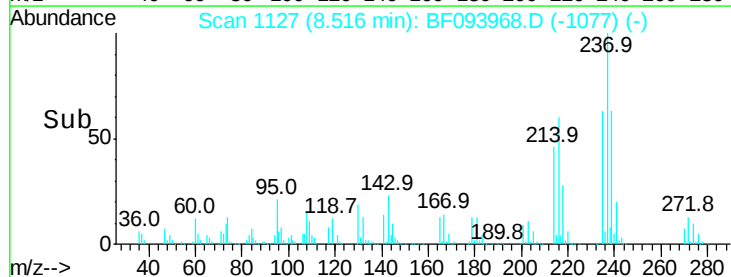
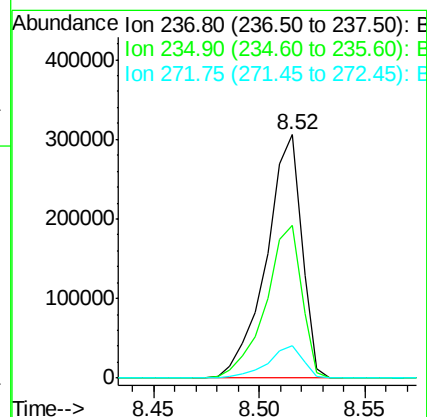
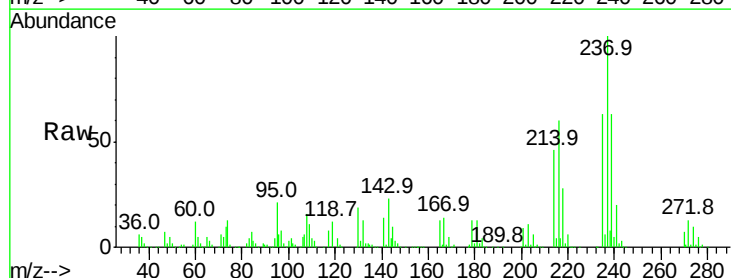
Instrument :
 BNA_G
 ClientSampled :

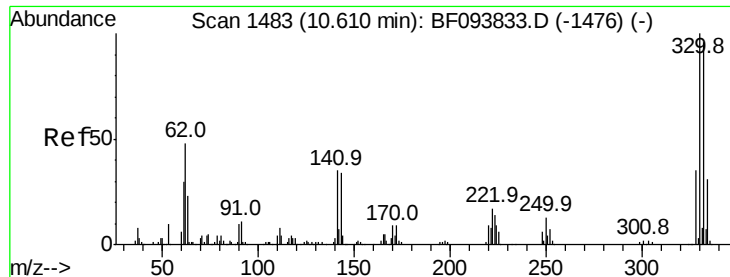
Tot Ion:	216	Resp:	361609
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	22.2	17.9	26.9
108	22.6	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 88.64 ng
 RT: 8.52 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Tgt Ion:	237	Resp:	358285
Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.6	82.6
272	13.3	0.0	31.9

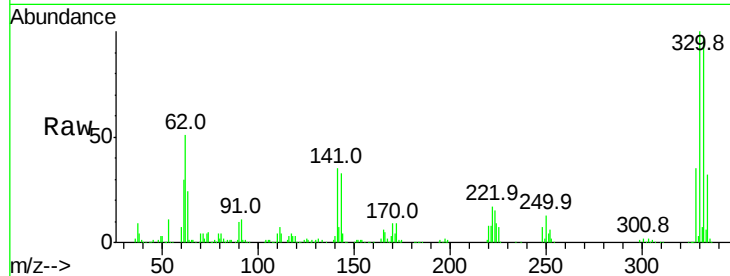




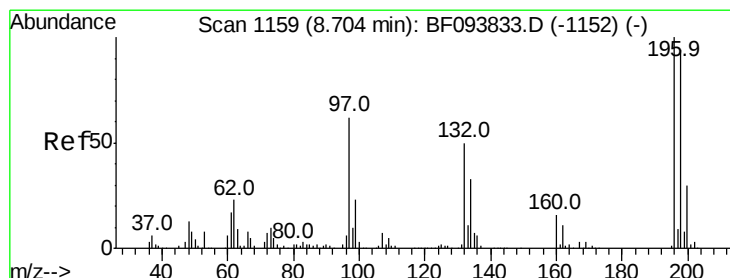
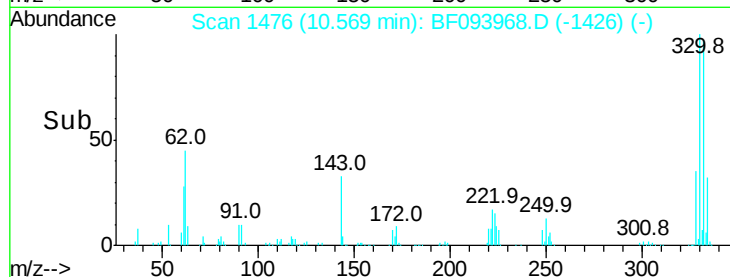
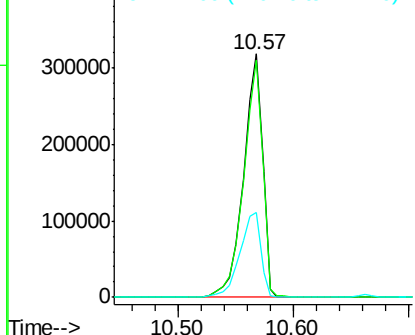
#41
 2,4,6-Tribromophenol
 Concen: 146.01 ng
 RT: 10.57 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 364291
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.6 31.4 47.2

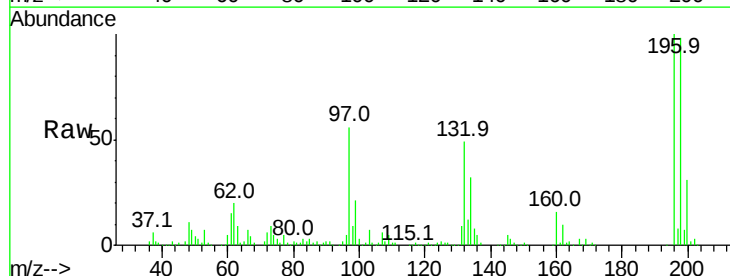


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

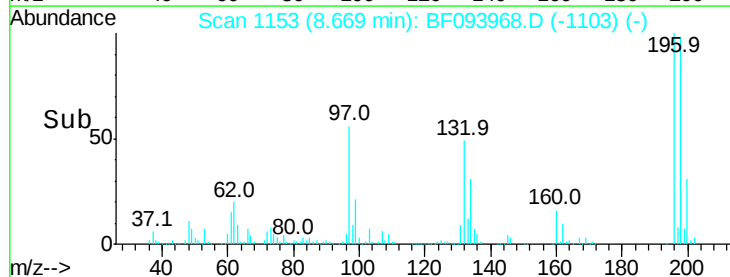
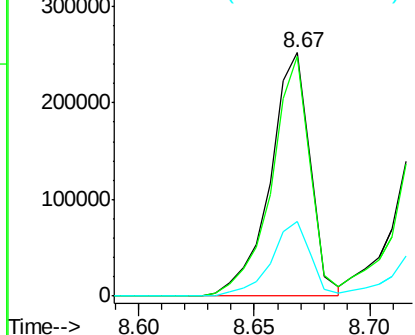


#42
 2,4,6-Trichlorophenol
 Concen: 49.38 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Tgt Ion:196 Resp: 301782
 Ion Ratio Lower Upper
 196 100
 198 98.5 74.2 111.4
 200 30.6 24.0 36.0



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

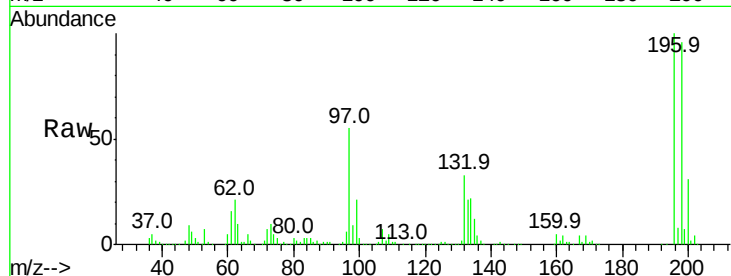




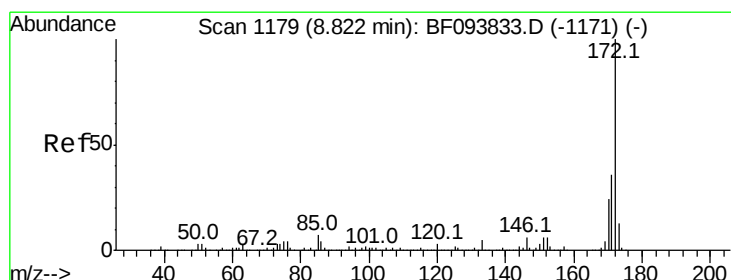
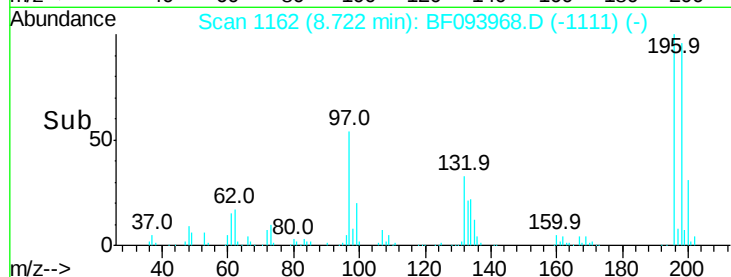
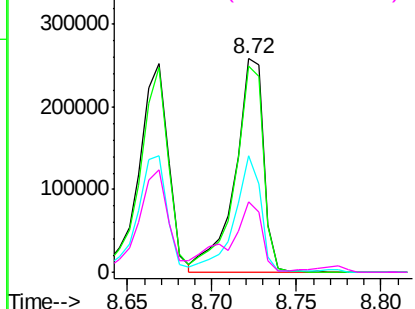
#43
 2,4,5-Trichlorophenol
 Concen: 46.46 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	307233
Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
97	54.6	47.7	71.5
132	32.9	28.0	42.0

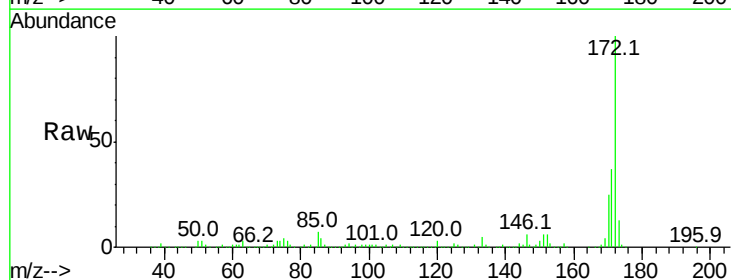


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

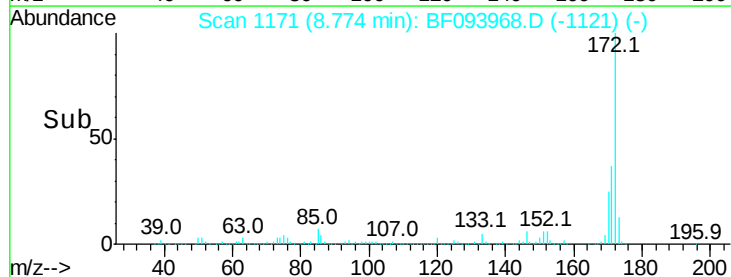
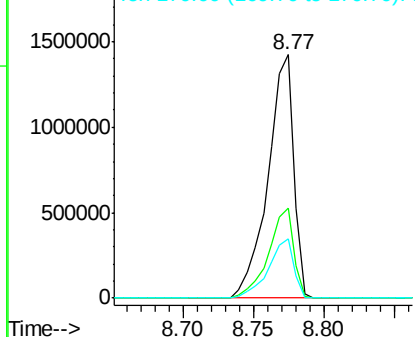


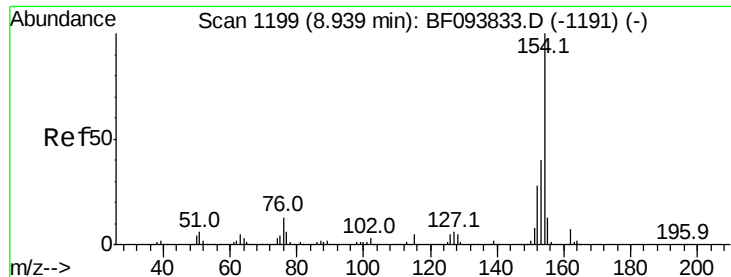
#44
 2-Fluorobiphenyl
 Concen: 88.19 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Tgt Ion:	172	Resp:	1825690
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.5	19.8	29.8



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: 44.19 ng

RT: 8.89 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampled :

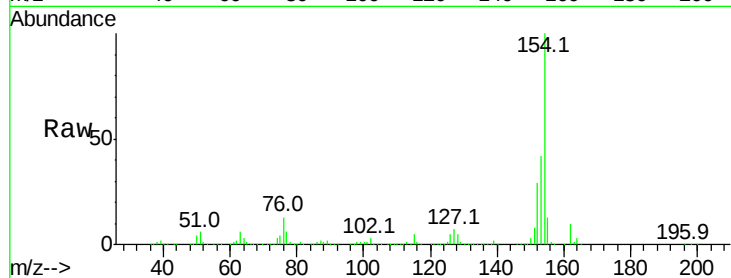
Tot Ion:154 Resp: 1125324

Ion Ratio Lower Upper

154 100

153 41.7 21.2 61.2

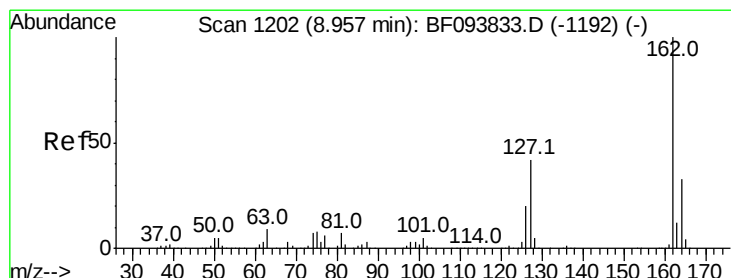
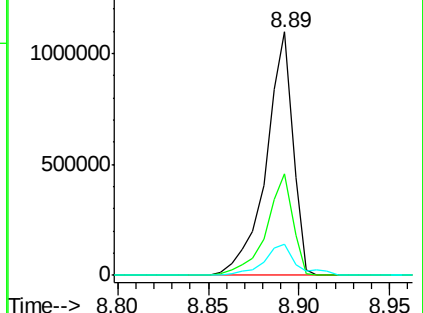
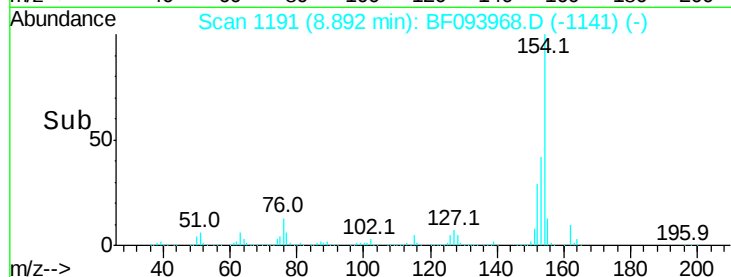
76 13.0 0.0 29.9



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): BFO



#46

2-Chloronaphthalene

Concen: 44.71 ng

RT: 8.91 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

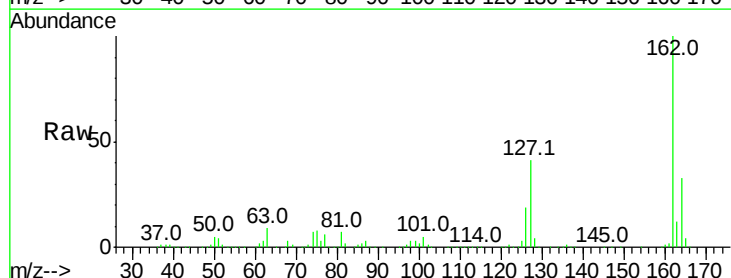
Tgt Ion:162 Resp: 891342

Ion Ratio Lower Upper

162 100

127 40.9 28.3 42.5

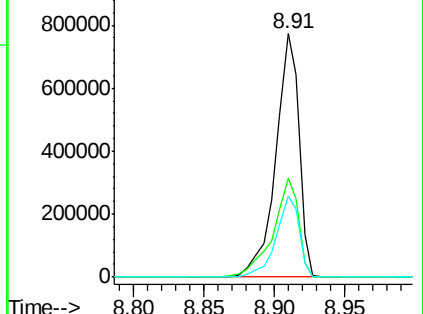
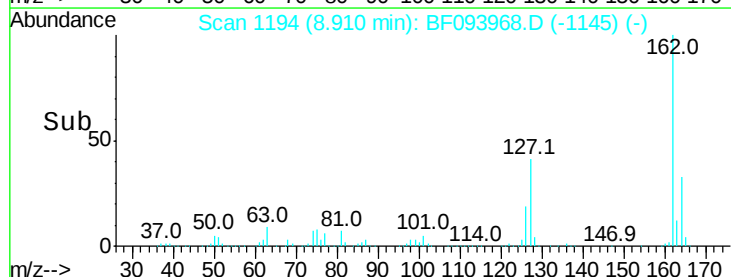
164 33.2 27.0 40.4

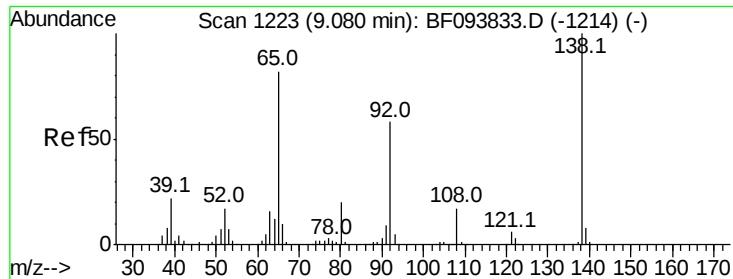


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.13 ng

RT: 9.04 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

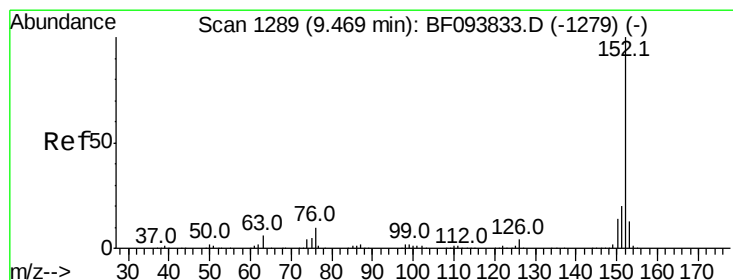
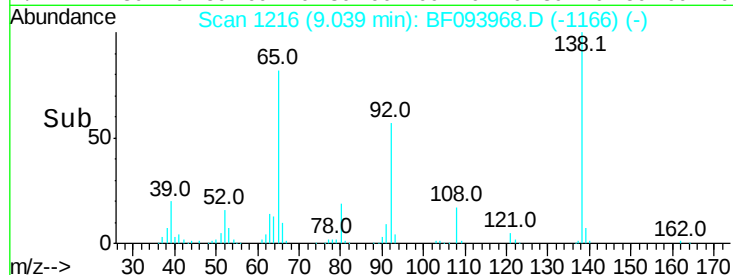
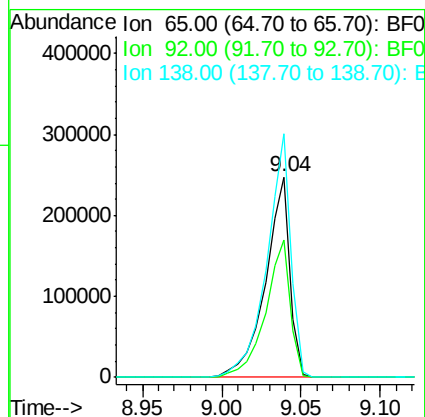
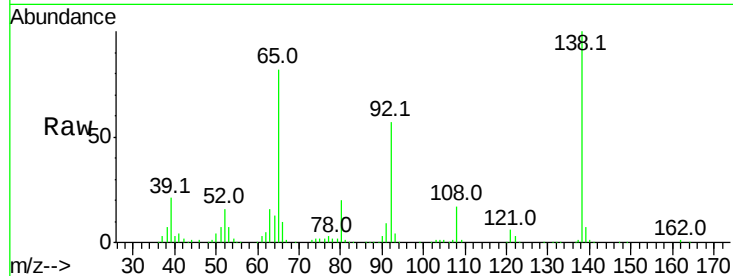
Tot Ion: 65 Resp: 266891

Ion Ratio Lower Upper

65 100

92 68.9 53.9 80.9

138 121.5 78.8 118.2#



#48

Acenaphthylene

Concen: 42.87 ng

RT: 9.42 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

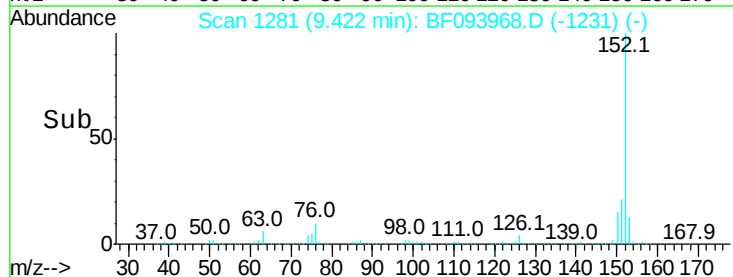
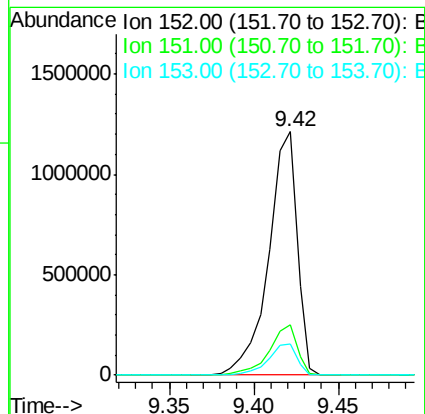
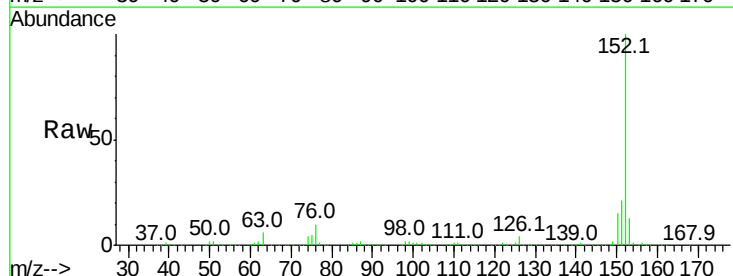
Tgt Ion:152 Resp: 1420511

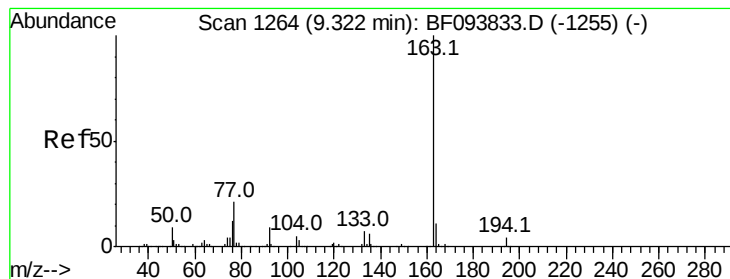
Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 48.36 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

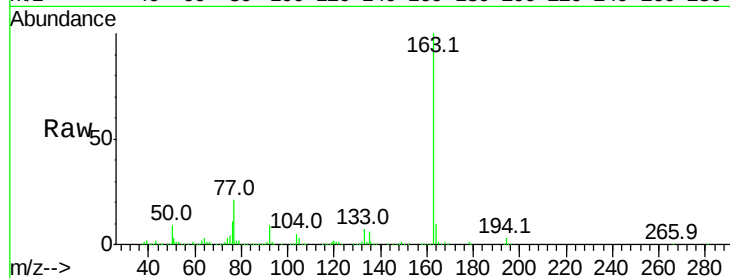
Tot Ion:163 Resp: 1085311

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

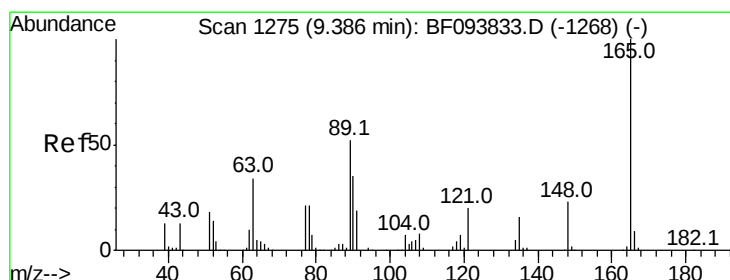
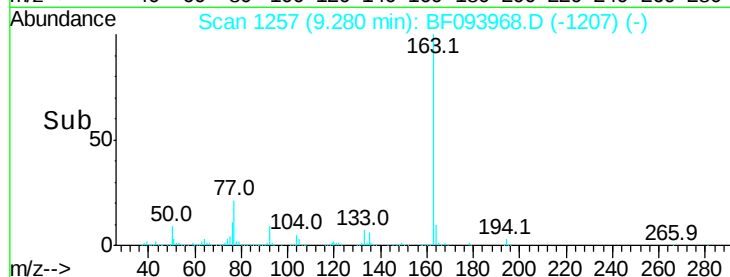
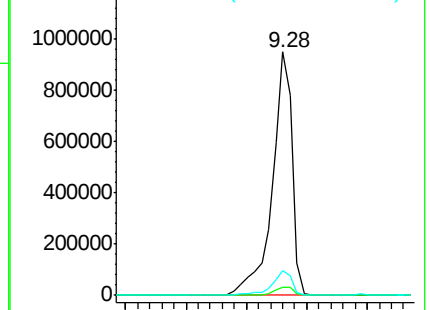
164 10.2 8.4 12.6



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: 48.30 ng

RT: 9.35 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

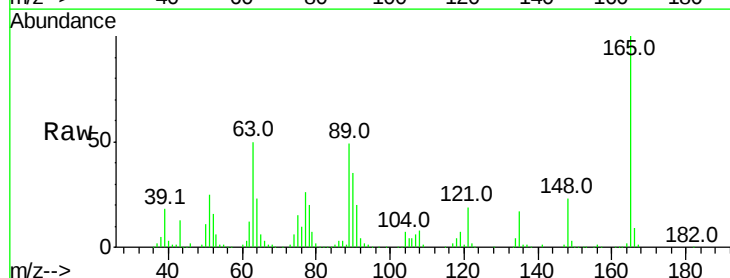
Tgt Ion:165 Resp: 248506

Ion Ratio Lower Upper

165 100

63 50.0 34.3 51.5

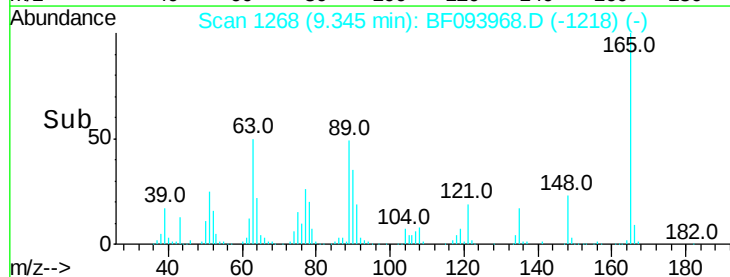
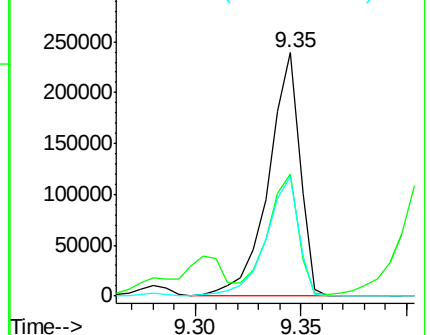
89 49.3 37.1 55.7

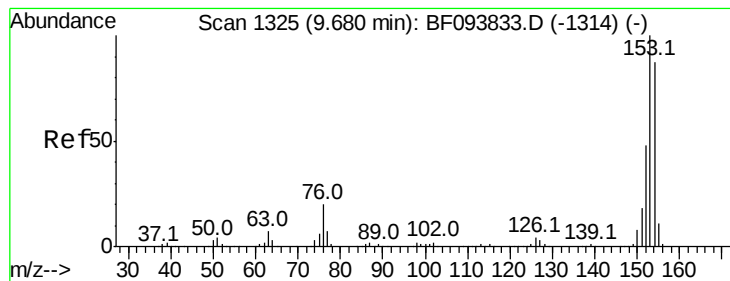


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.74 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

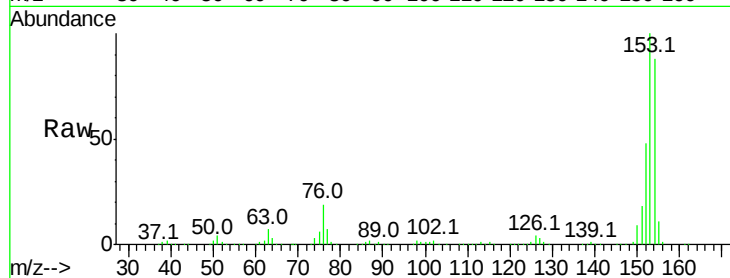
Tot Ion:154 Resp: 864971

Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

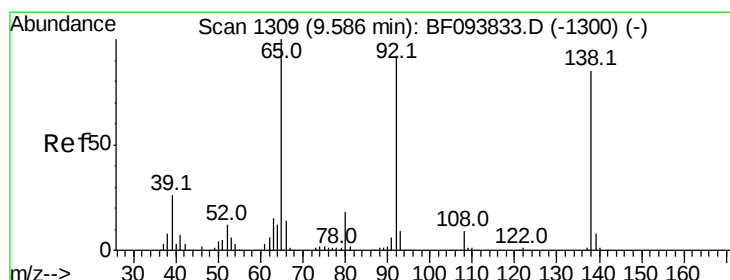
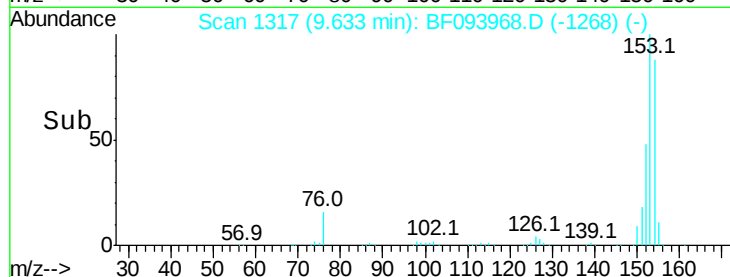
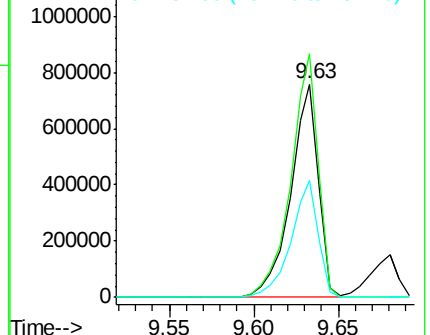
152 54.9 43.6 65.4



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: 6.02 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

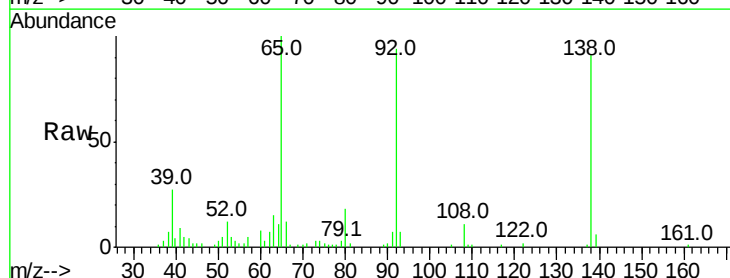
Tgt Ion:138 Resp: 36347

Ion Ratio Lower Upper

138 100

108 12.2 9.1 13.7

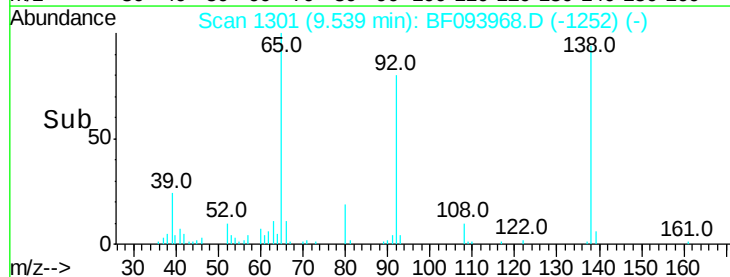
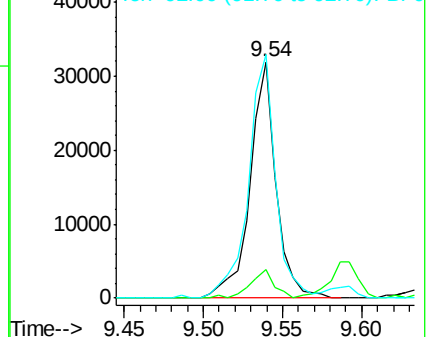
92 103.1 93.8 140.6



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

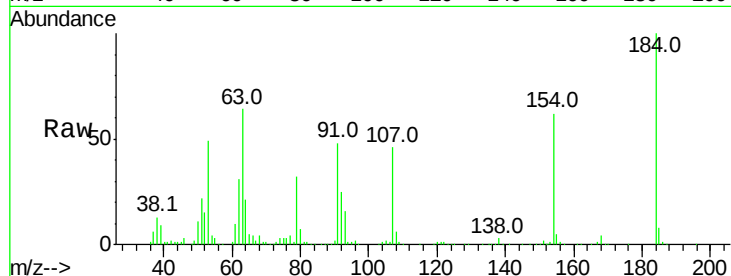




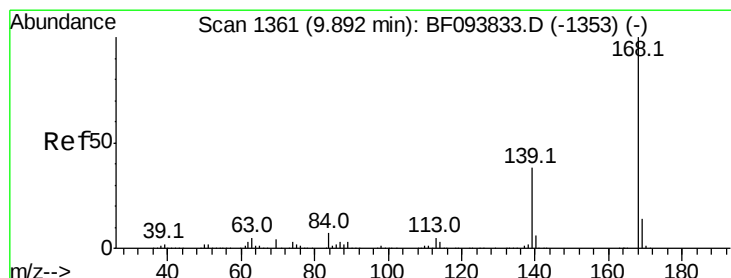
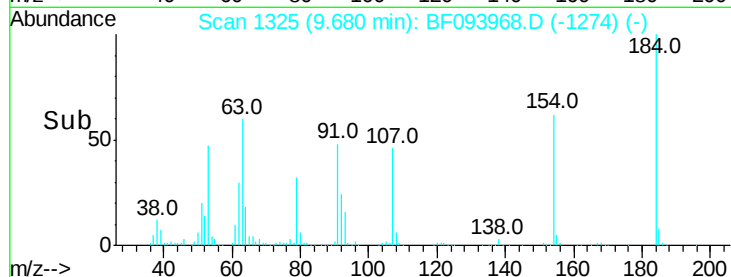
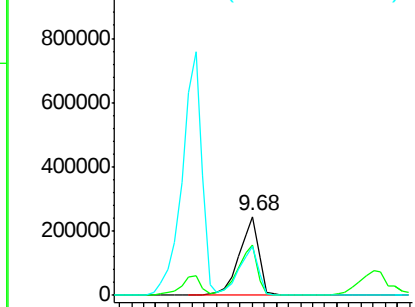
#53
 2,4-Dinitrophenol
 Concen: 99.81 ng
 RT: 9.68 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 278176
 Ion Ratio Lower Upper
 184 100
 63 64.3 62.7 94.1
 154 61.8 81.1 121.7#

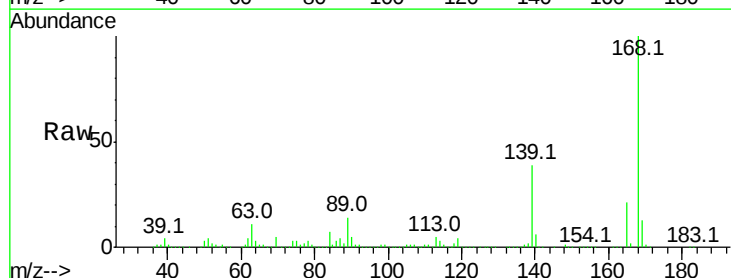


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

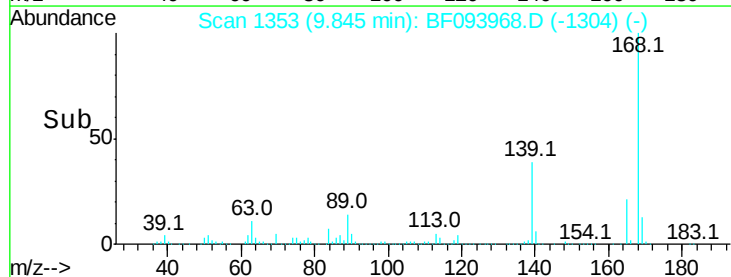
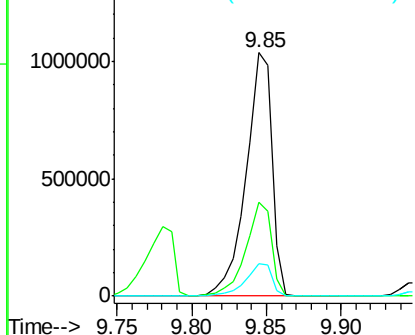


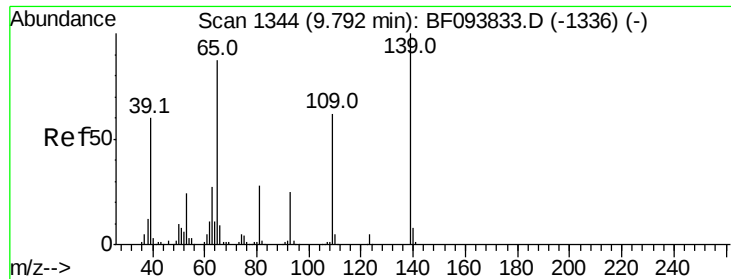
#54
 Dibenzofuran
 Concen: 47.28 ng
 RT: 9.85 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Tgt Ion:168 Resp: 1244320
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.6 45.8
 169 13.4 10.8 16.2



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





#55

4-Nitrophenol

Concen: 83.61 ng

RT: 9.78 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampled :

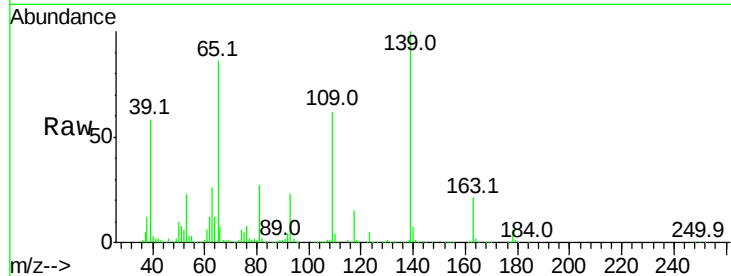
Tot Ion:139 Resp: 395589

Ion Ratio Lower Upper

139 100

109 62.2 34.1 74.1

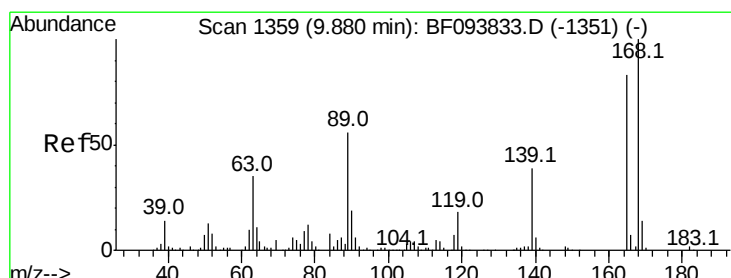
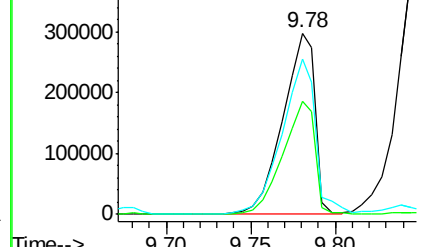
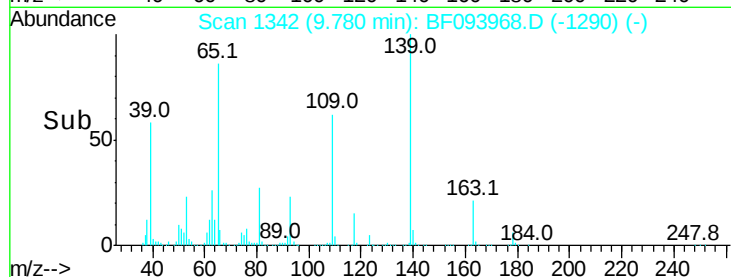
65 85.9 31.4 71.4#



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: 48.74 ng

RT: 9.84 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Tgt Ion:165 Resp: 314978

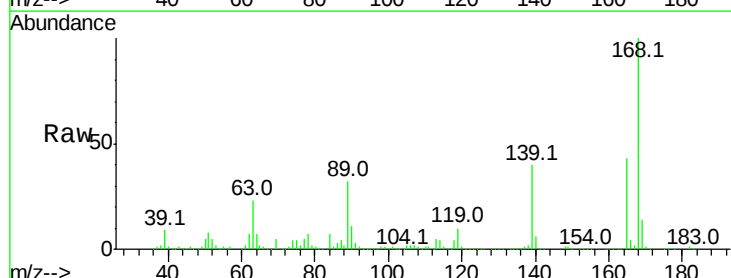
Ion Ratio Lower Upper

165 100

63 53.0 25.4 38.0#

89 73.6 46.4 69.6#

182 2.7 1.8 2.6#

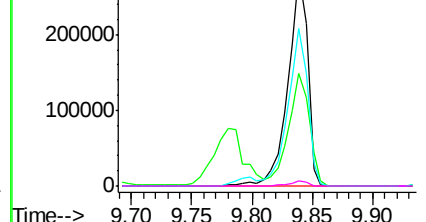
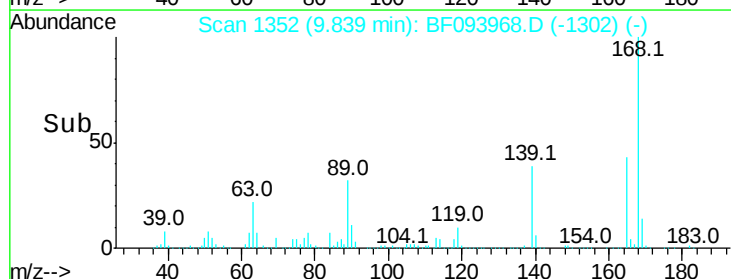


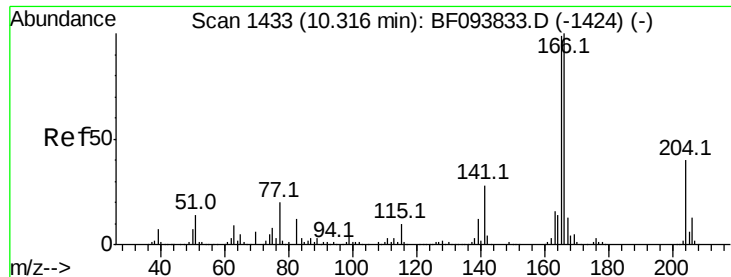
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

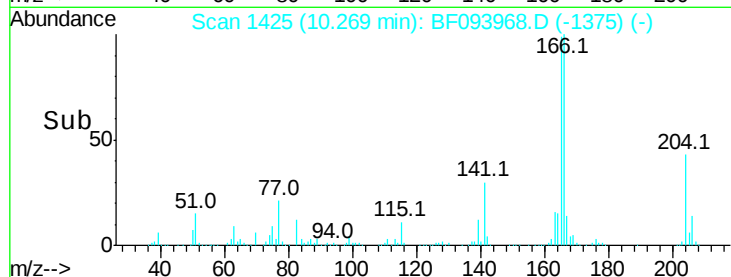
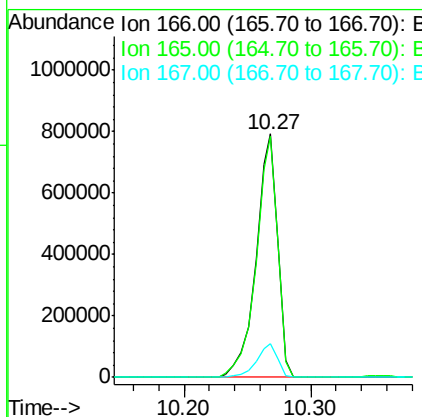
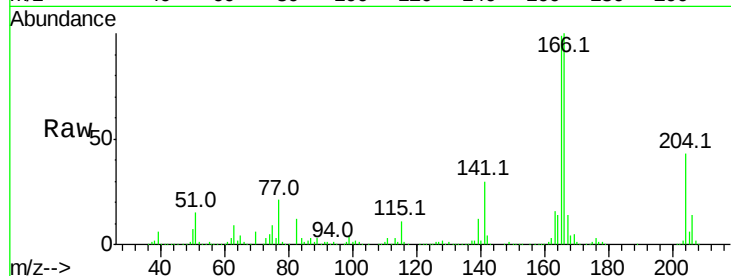




#57
 Fluorene
 Concen: 43.01 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

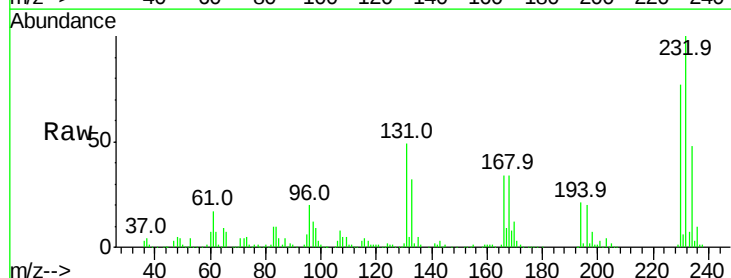
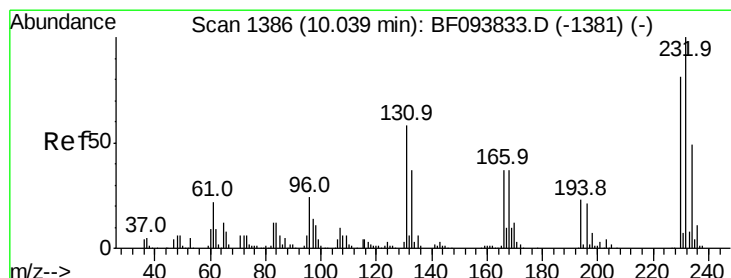
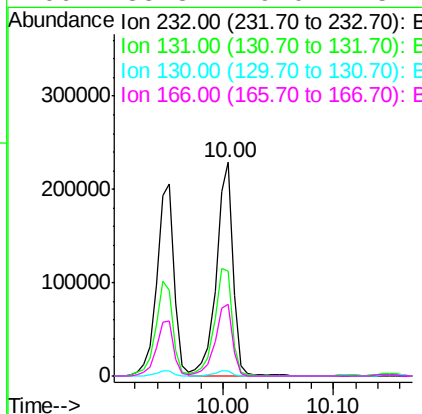
Instrument :
 BNA_G
 ClientSampled :

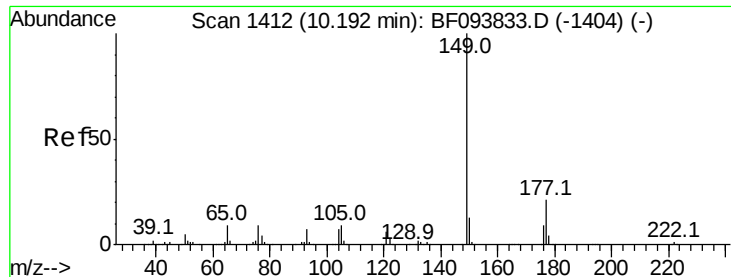
Tot Ion:166 Resp: 938744
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.8 118.2
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.57 ng
 RT: 10.00 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Tgt Ion:232 Resp: 238516
 Ion Ratio Lower Upper
 232 100
 131 52.9 44.8 67.2
 130 2.7 2.3 3.5
 166 35.3 29.0 43.4

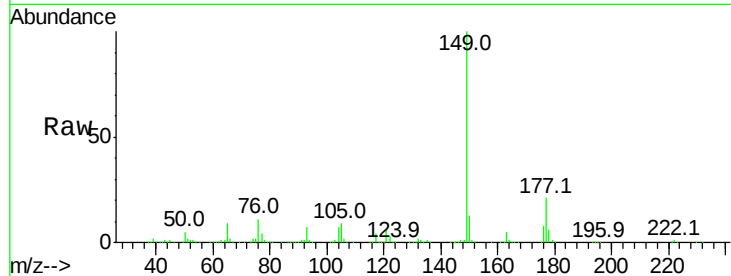




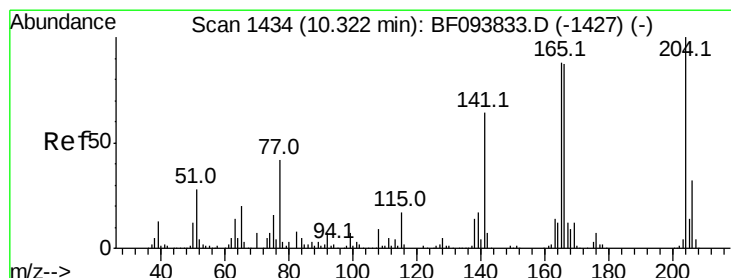
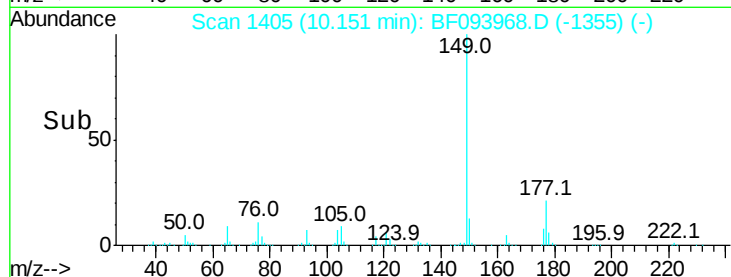
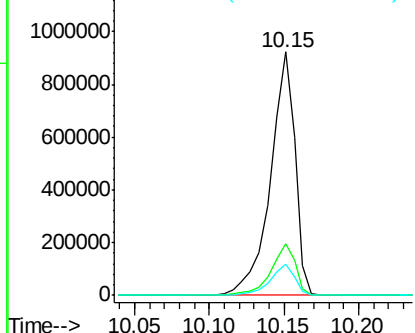
#59
Diethylphthalate
Concen: 47.50 ng
RT: 10.15 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1053811
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.6 10.2 15.2

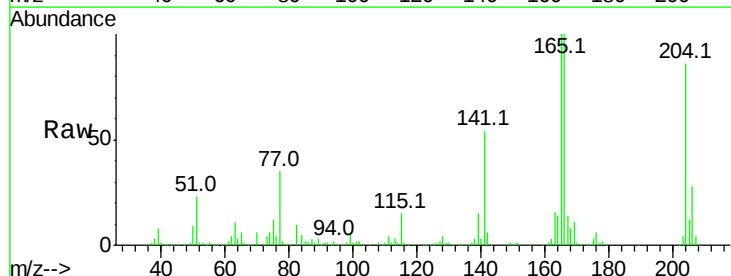


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

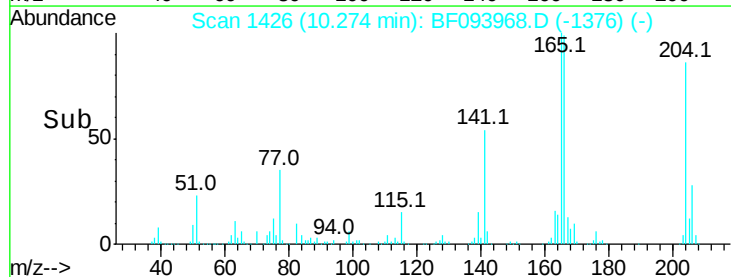
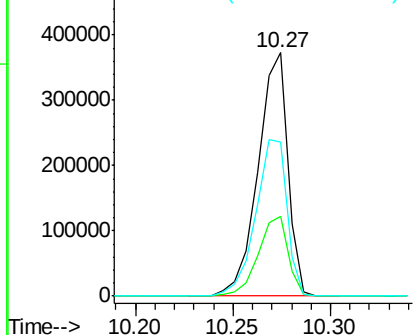


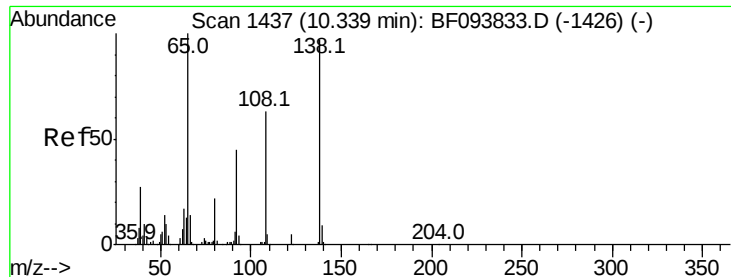
#60
4-Chlorophenyl-phenylether
Concen: 42.54 ng
RT: 10.27 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

Tgt Ion:204 Resp: 395560
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 63.5 60.8 91.2



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: 30.32 ng

RT: 10.30 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

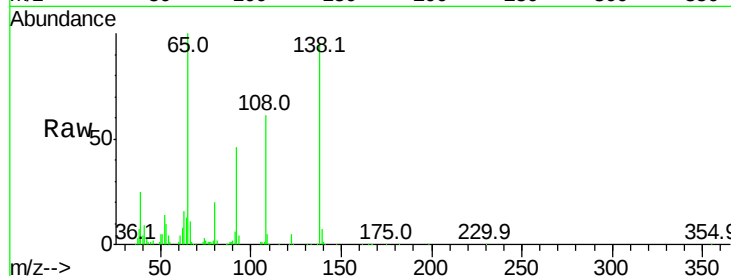
Tot Ion:138 Resp: 175767

Ion Ratio Lower Upper

138 100

92 47.8 21.8 61.8

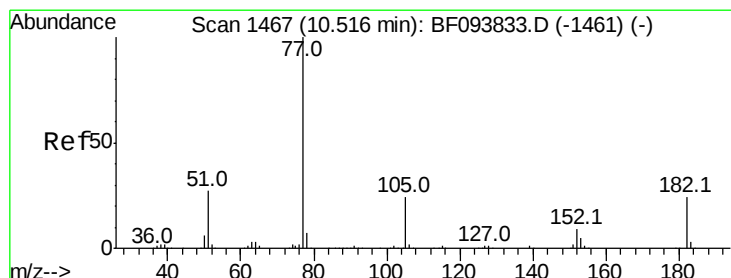
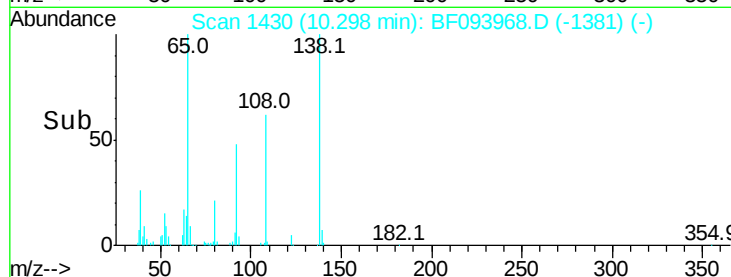
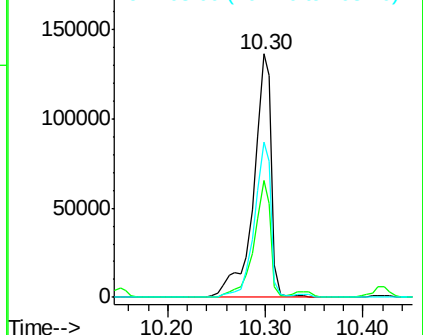
108 64.0 42.3 82.3



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: 47.50 ng

RT: 10.47 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Tgt Ion: 77 Resp: 996748

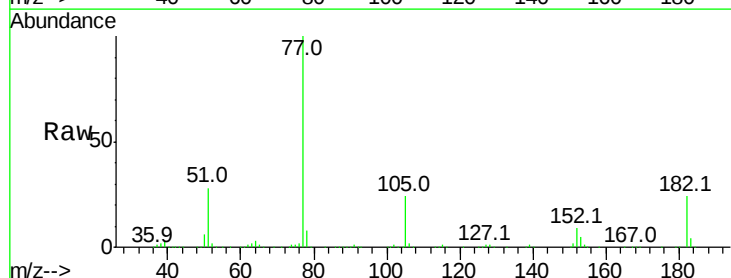
Ion Ratio Lower Upper

77 100

182 24.4 0.1 40.1

105 24.1 3.6 43.6

51 27.5 9.4 49.4

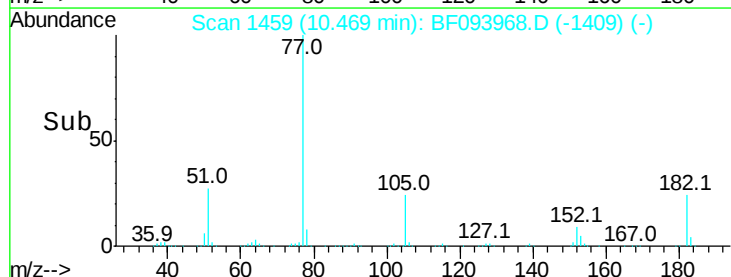
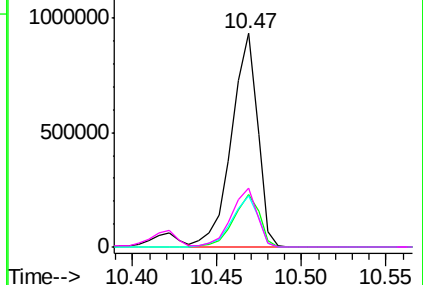


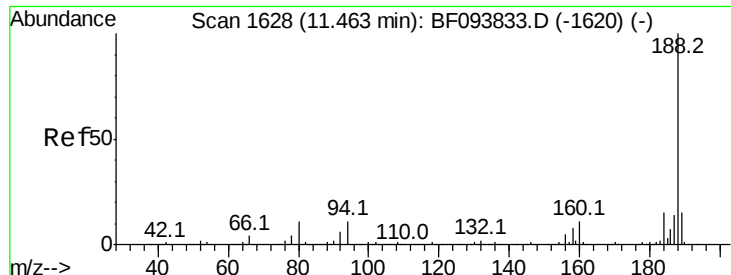
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

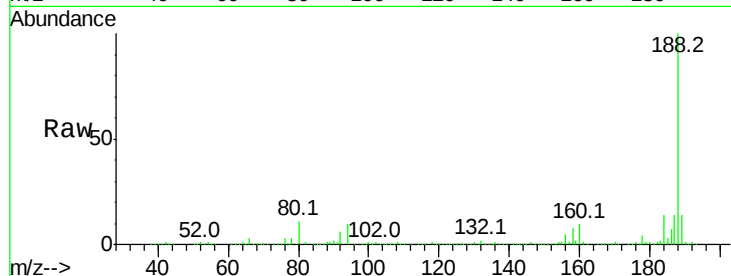




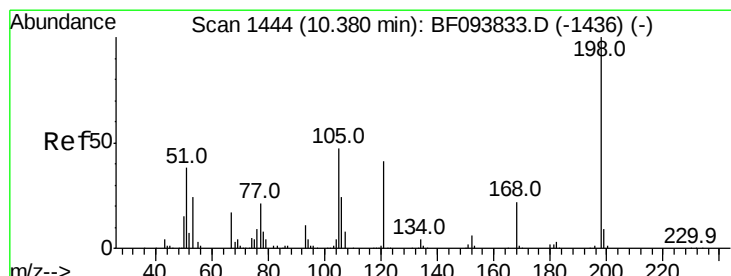
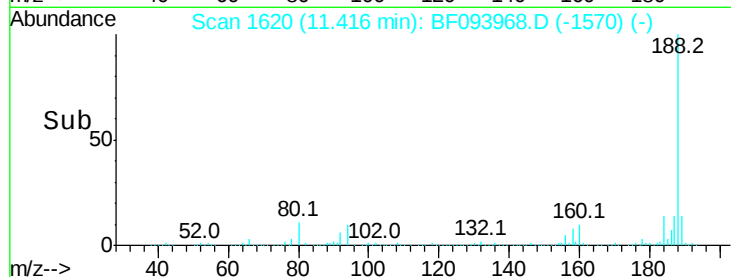
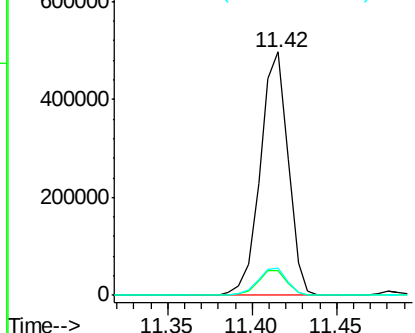
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 570439
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.1 10.2 15.2

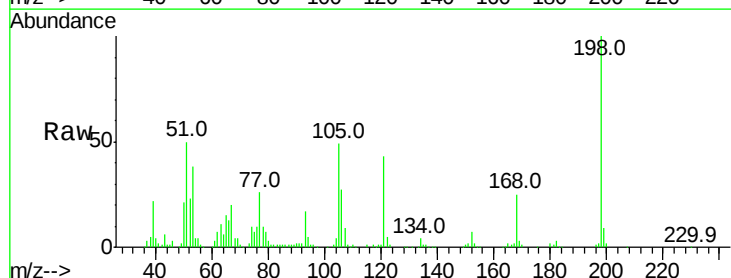


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

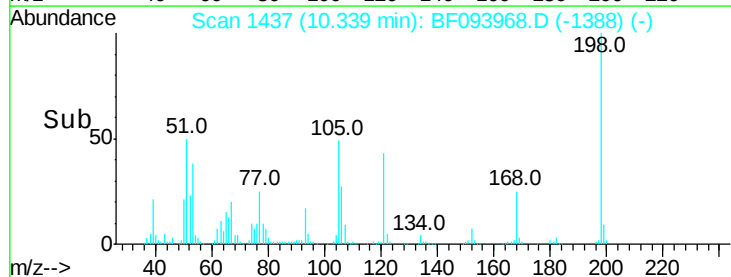
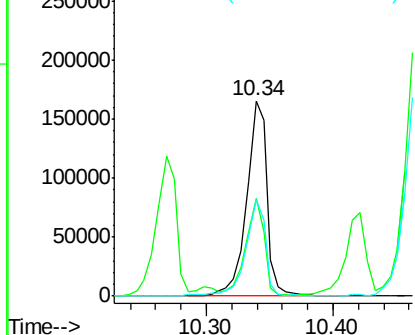


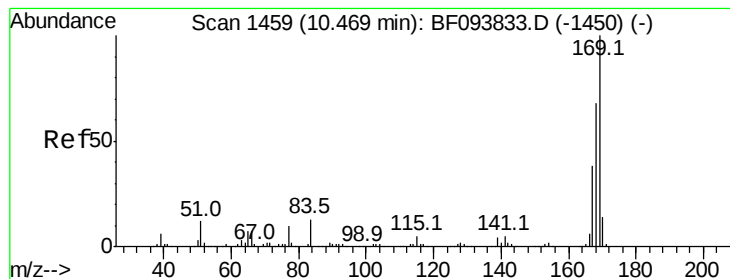
#64
4,6-Dinitro-2-methylphenol
Concen: 53.10 ng
RT: 10.34 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

Tgt Ion:198 Resp: 185499
Ion Ratio Lower Upper
198 100
51 50.3 53.2 93.2#
105 49.2 45.8 85.8



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: 30.96 ng

RT: 10.42 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

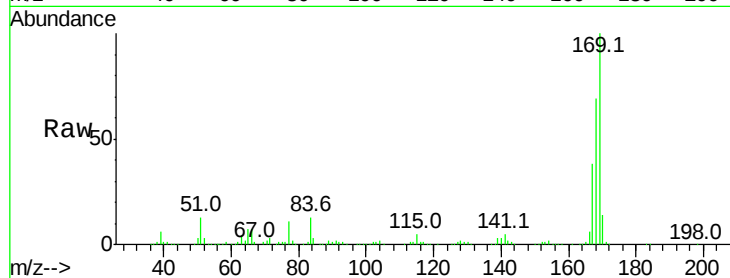
Tot Ion:169 Resp: 610798

Ion Ratio Lower Upper

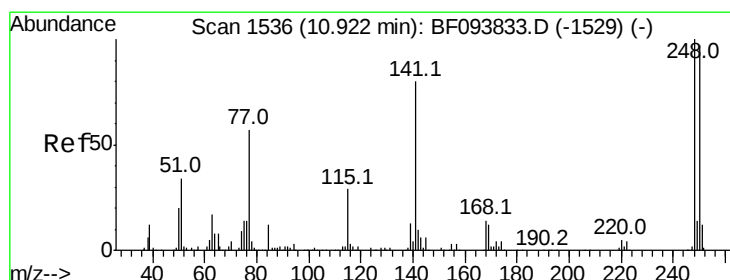
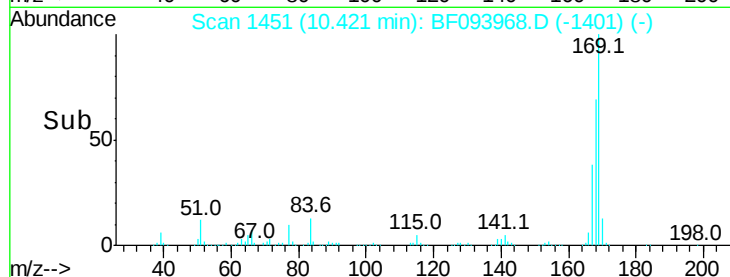
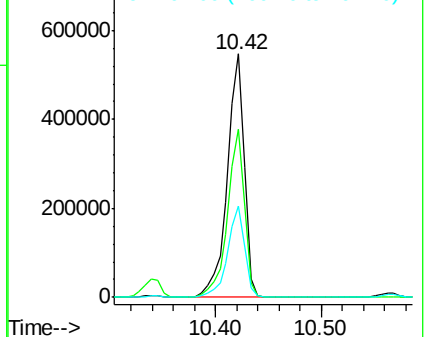
169 100

168 69.2 53.2 79.8

167 37.6 29.5 44.3



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: 45.45 ng

RT: 10.87 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

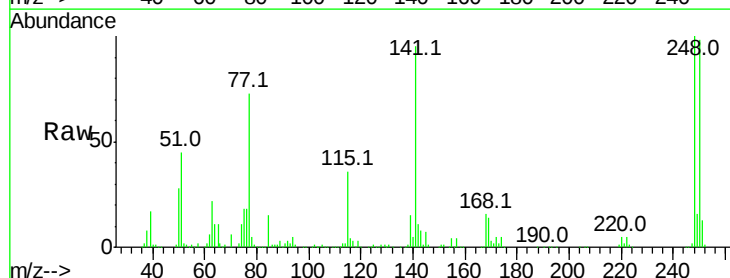
Tgt Ion:248 Resp: 254988

Ion Ratio Lower Upper

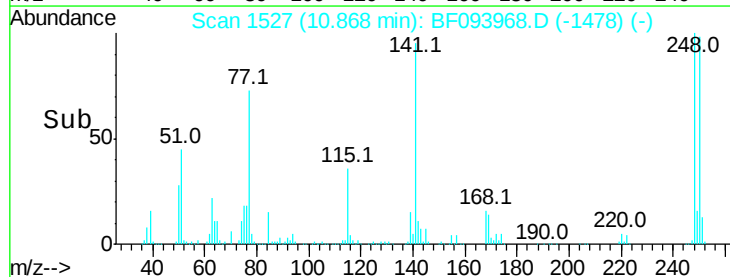
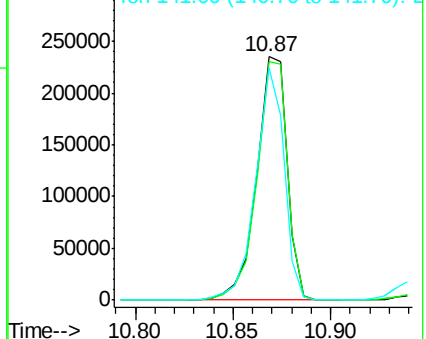
248 100

250 98.2 76.8 115.2

141 95.5 68.6 103.0



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

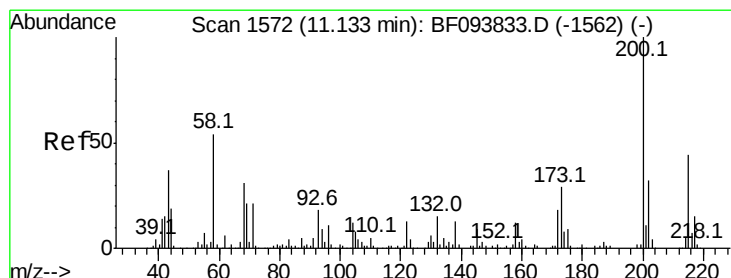
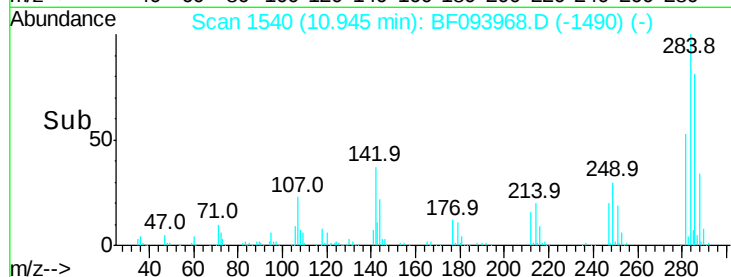
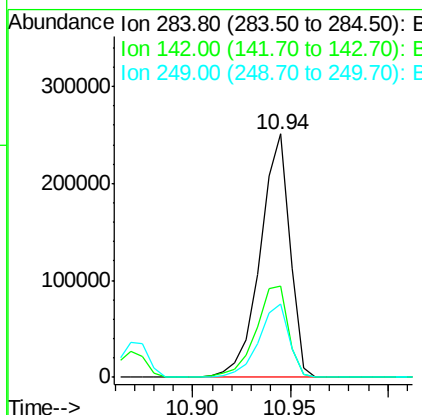
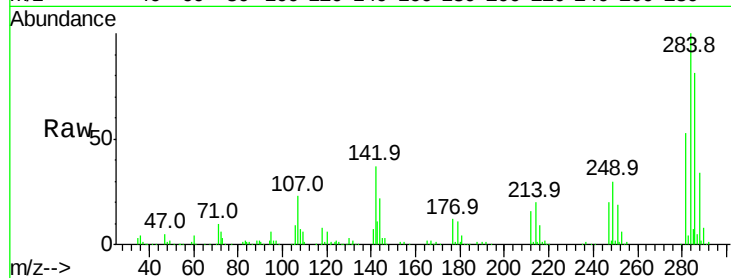




#67
Hexachlorobenzene
Concen: 46.57 ng
RT: 10.94 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

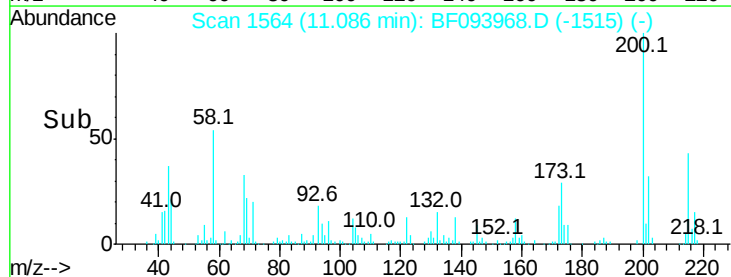
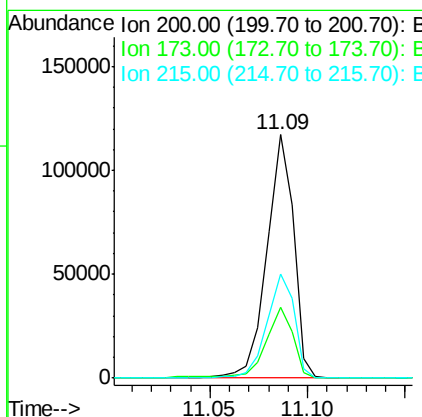
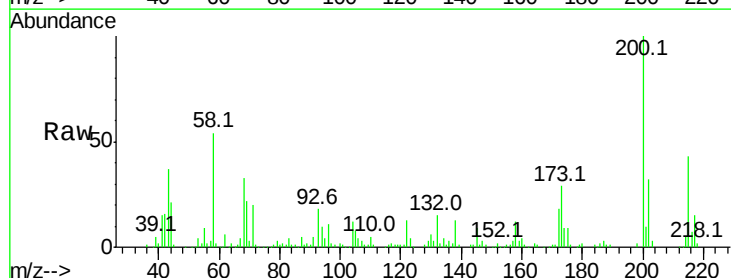
Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 264475
Ion Ratio Lower Upper
284 100
142 37.5 22.8 34.2#
249 30.1 24.0 36.0



#68
Atrazine
Concen: 18.83 ng
RT: 11.09 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

Tgt Ion:200 Resp: 111243
Ion Ratio Lower Upper
200 100
173 29.1 6.3 46.3
215 43.0 27.2 67.2





#69

Pentachlorophenol

Concen: 86.95 ng

RT: 11.19 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

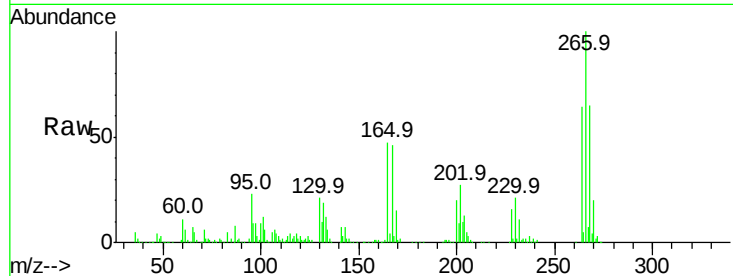
Tot Ion:266 Resp: 307354

Ion Ratio Lower Upper

266 100

268 64.8 51.1 76.7

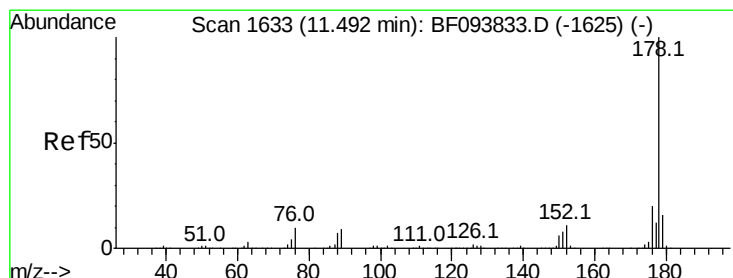
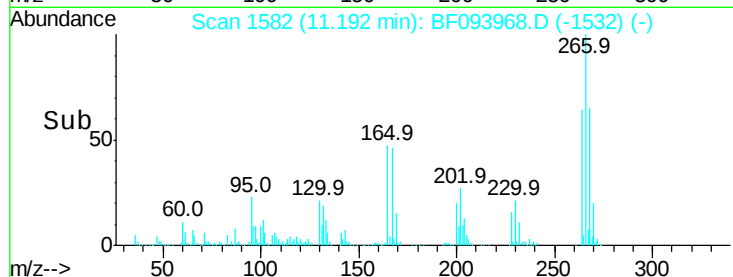
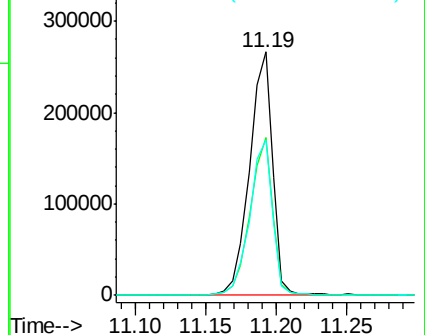
264 63.9 51.7 77.5



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: 45.02 ng

RT: 11.44 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

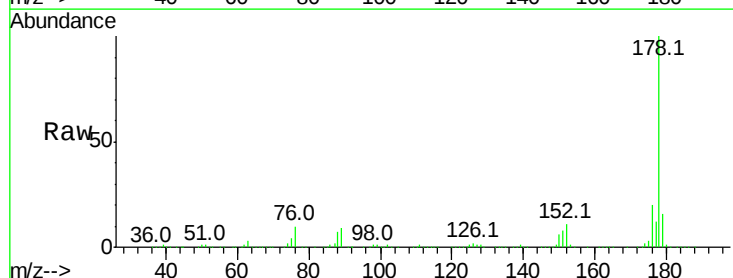
Tgt Ion:178 Resp: 1428469

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

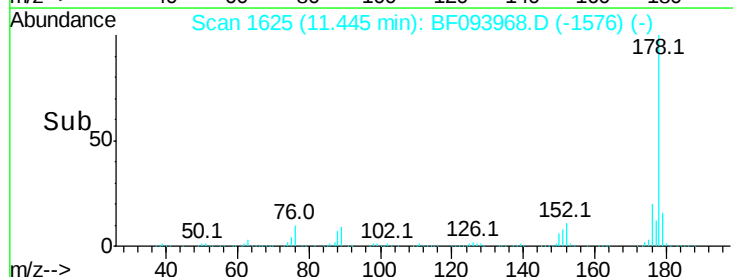
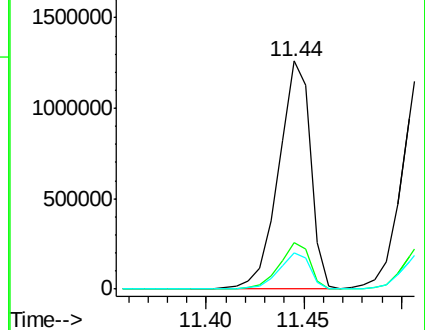
179 15.9 12.6 19.0

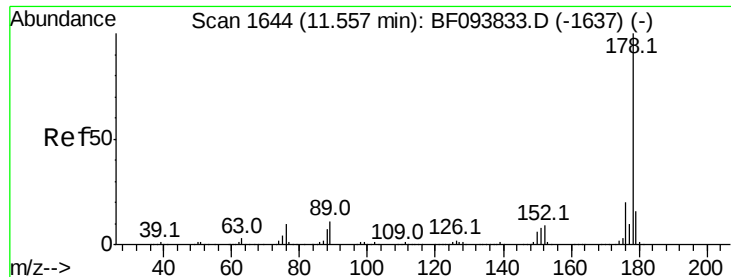


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

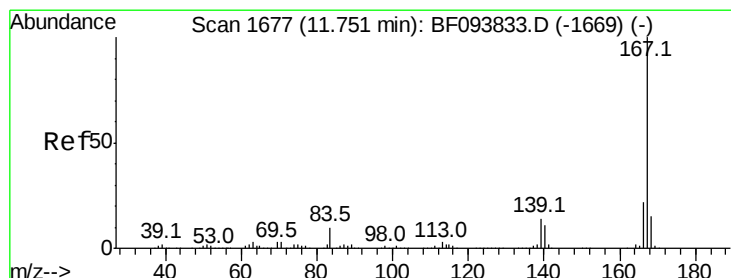
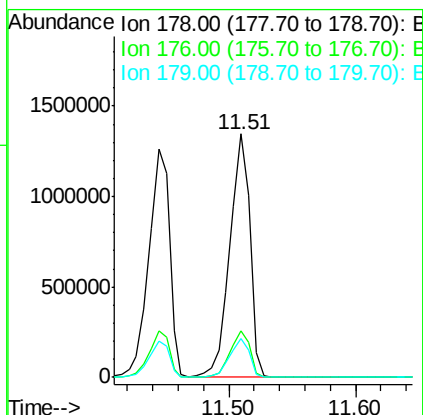
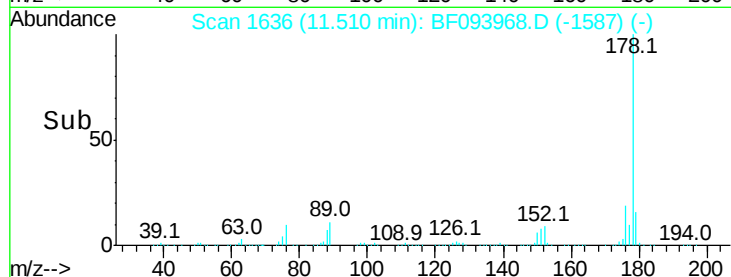
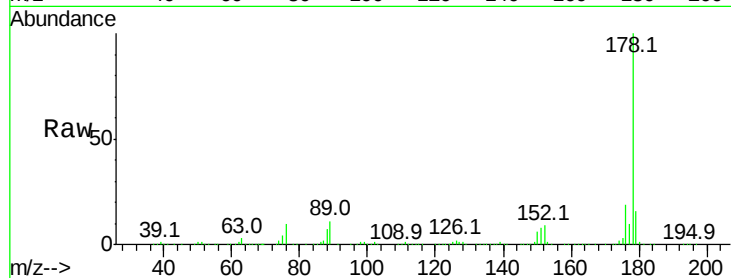




#71
 Anthracene
 Concen: 44.88 ng
 RT: 11.51 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

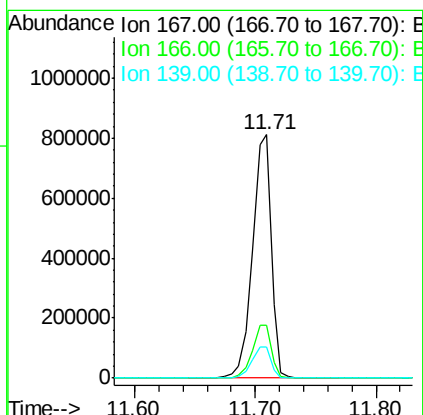
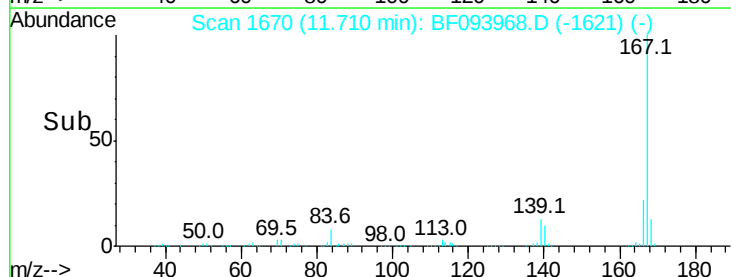
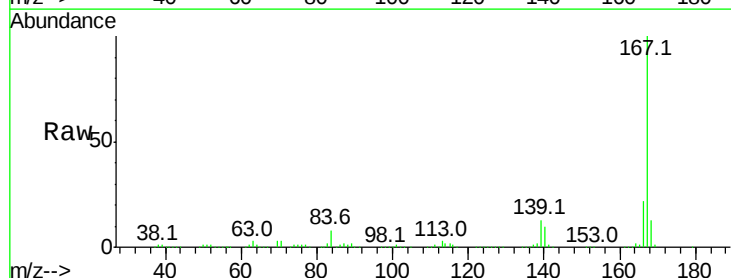
Instrument :
 BNA_G
 ClientSampleId :

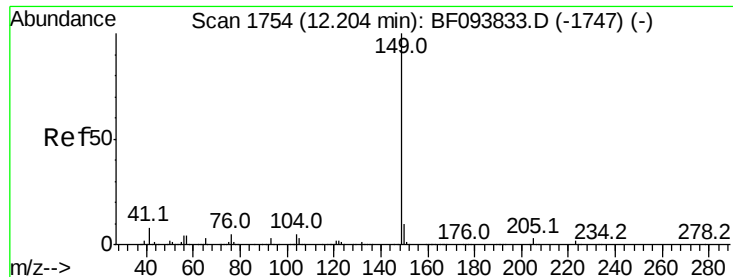
Tot Ion:178 Resp: 1466197
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 26.45 ng
 RT: 11.71 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Tgt Ion:167 Resp: 886018
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.97 ng

RT: 12.16 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

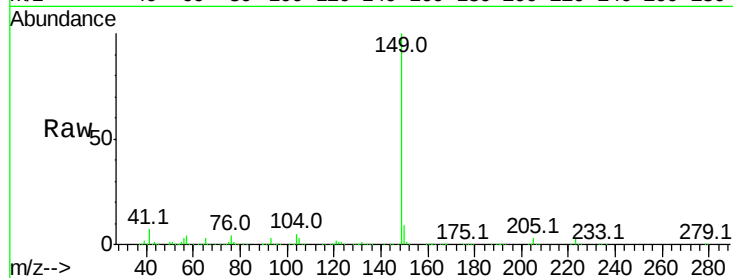
Tot Ion:149 Resp: 1636478

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

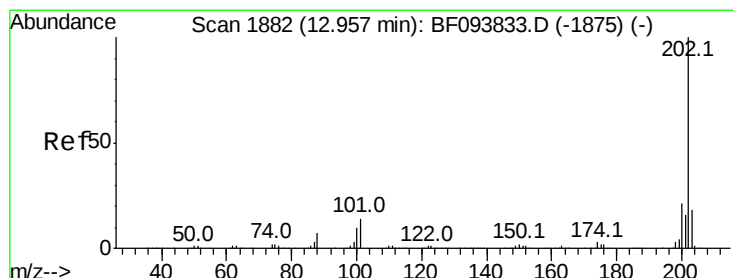
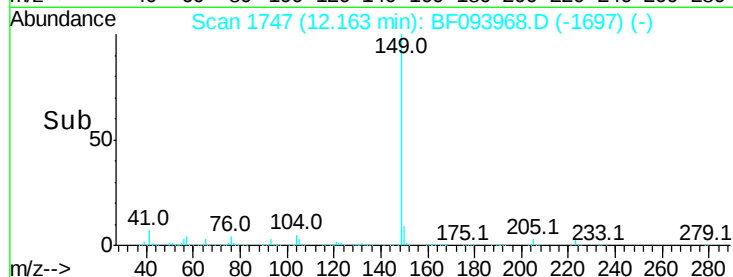
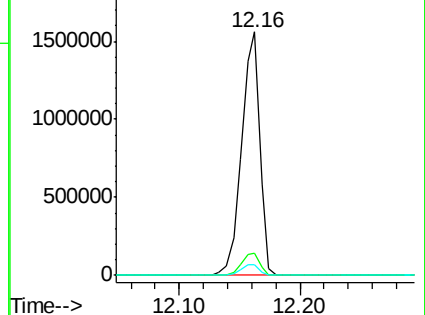
104 4.6 4.0 6.0



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: 45.48 ng

RT: 12.91 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

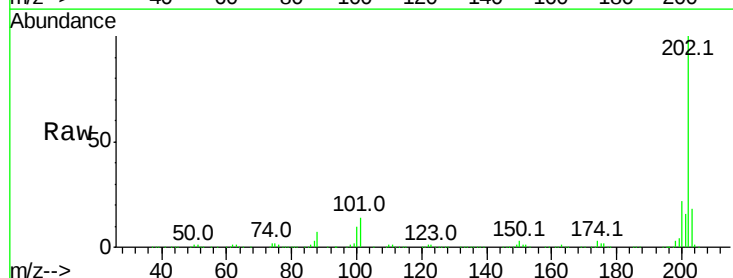
Tgt Ion:202 Resp: 1477793

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

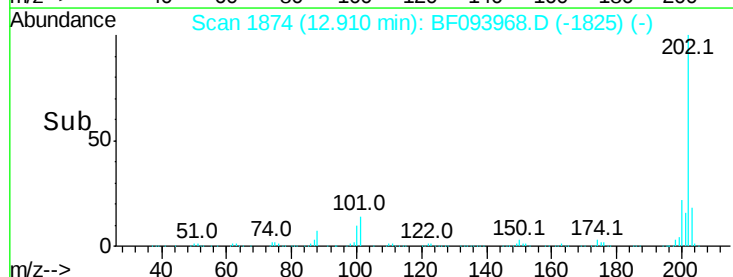
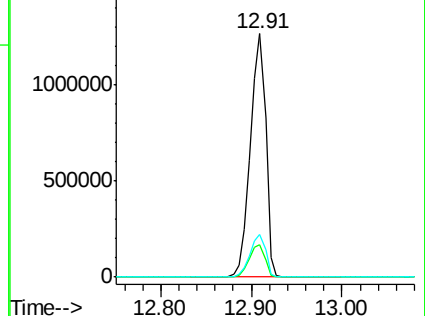
203 17.7 0.0 38.1

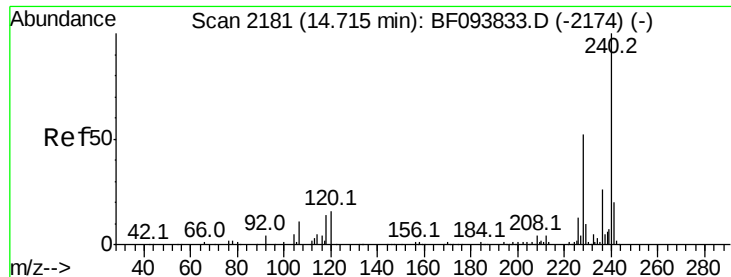


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.67 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

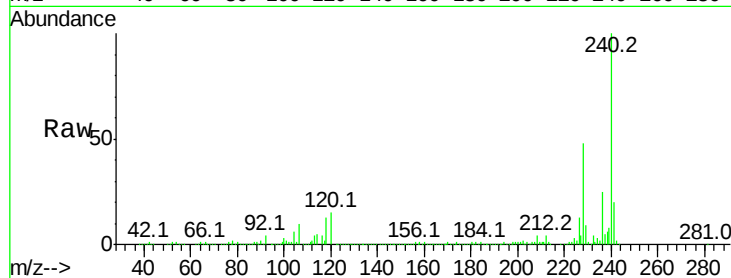
Tot Ion:240 Resp: 447419

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

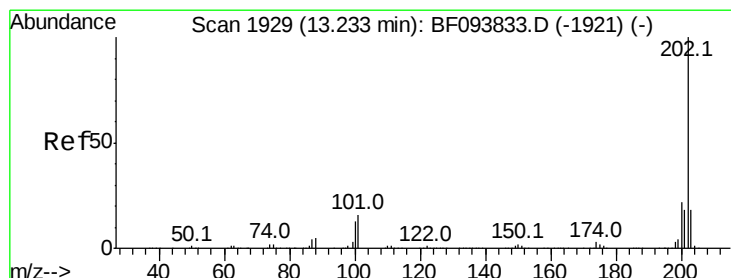
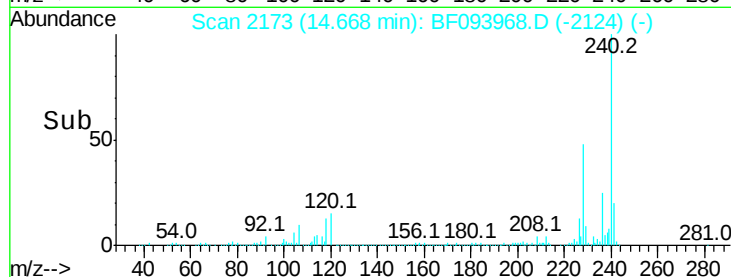
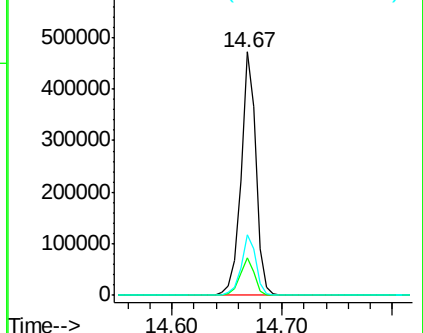
236 25.0 20.5 30.7



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



#77

Pyrene

Concen: 45.49 ng

RT: 13.19 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

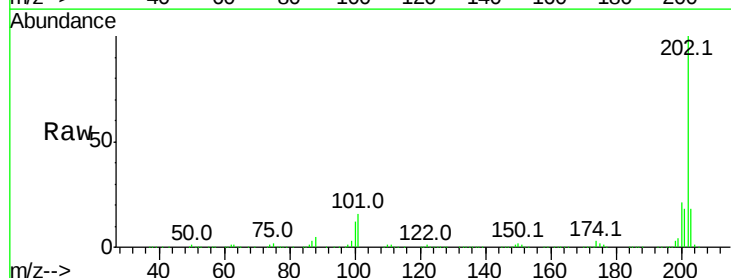
Tgt Ion:202 Resp: 1477186

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

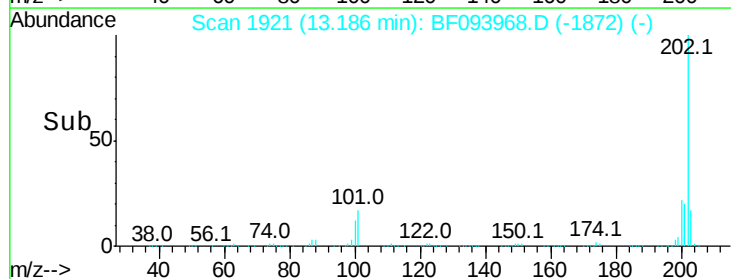
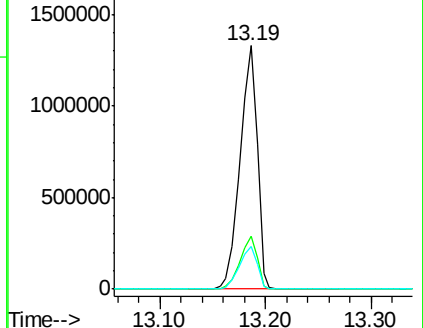
203 17.7 14.4 21.6

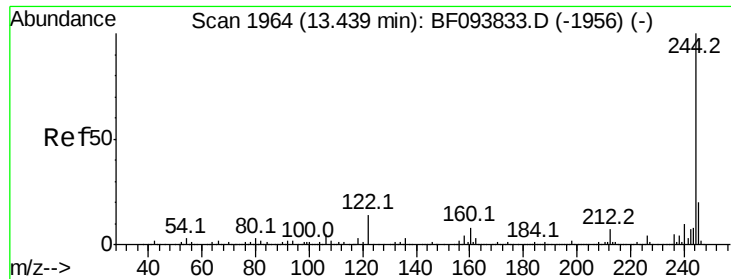


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

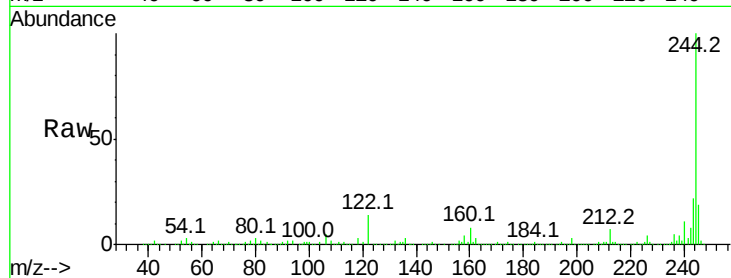




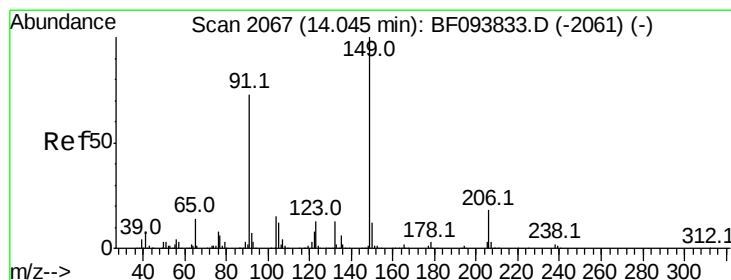
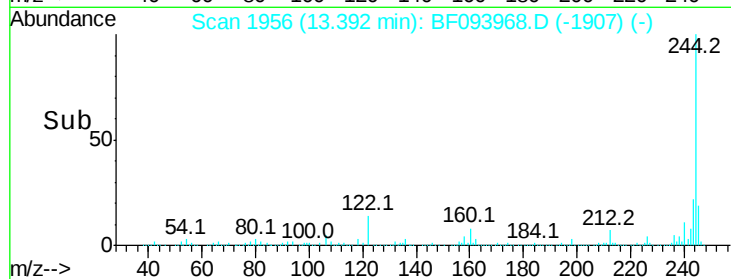
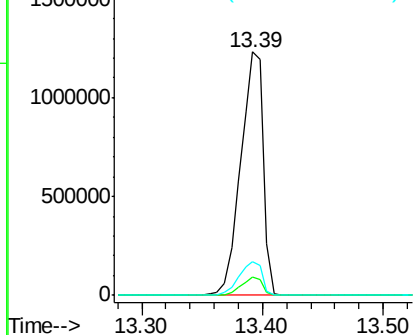
#78
 Terphenyl-d14
 Concen: 80.28 ng
 RT: 13.39 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1602524
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.9 10.3 15.5

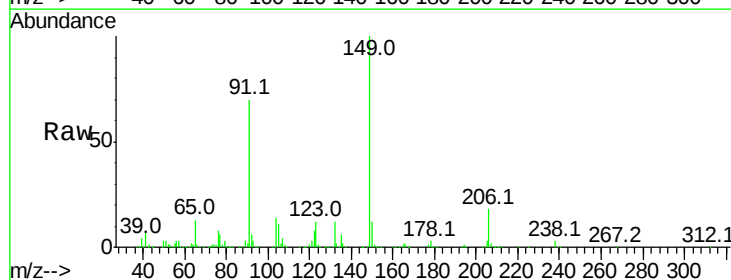


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

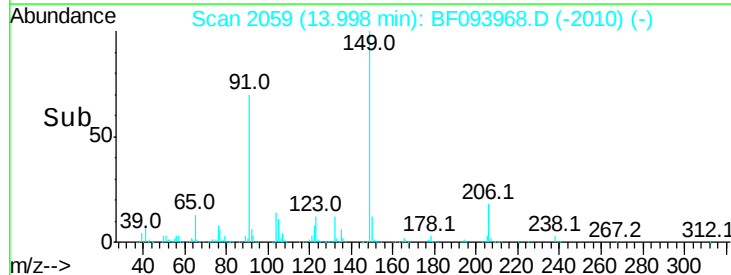
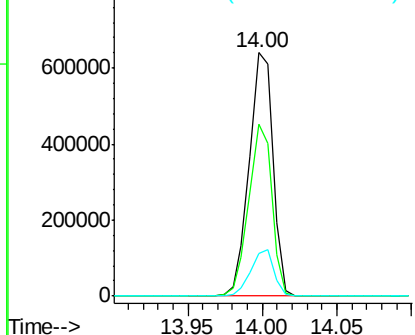


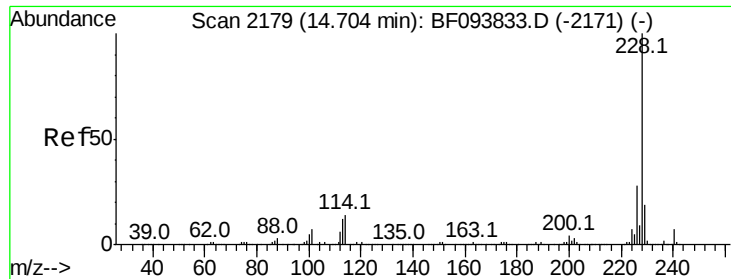
#79
 Butylbenzylphthalate
 Concen: 50.81 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Tgt Ion:149 Resp: 703018
 Ion Ratio Lower Upper
 149 100
 91 70.5 45.0 67.4#
 206 17.7 17.0 25.6



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

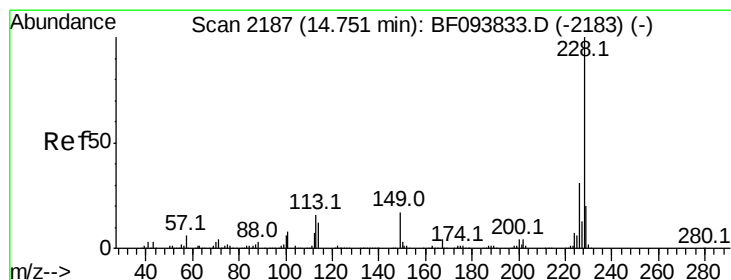
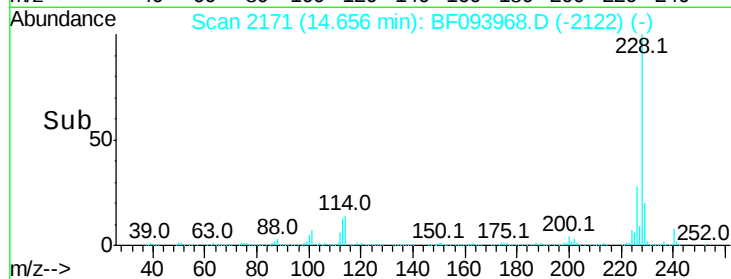
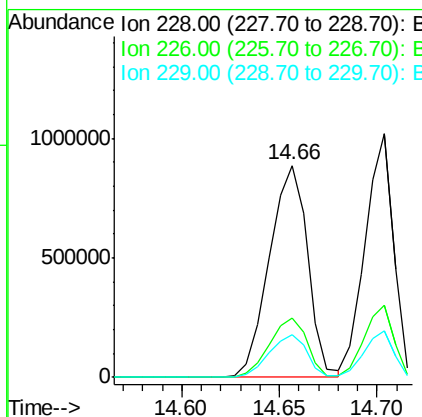
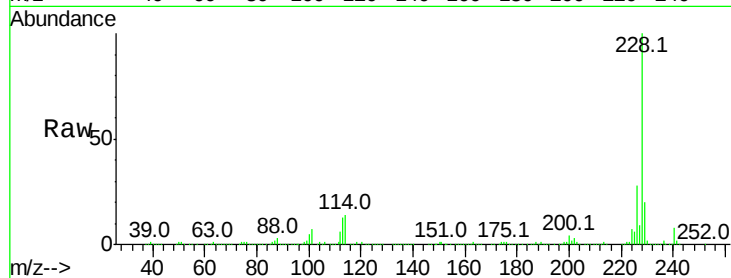




#80
Benzo(a)anthracene
Concen: 46.21 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

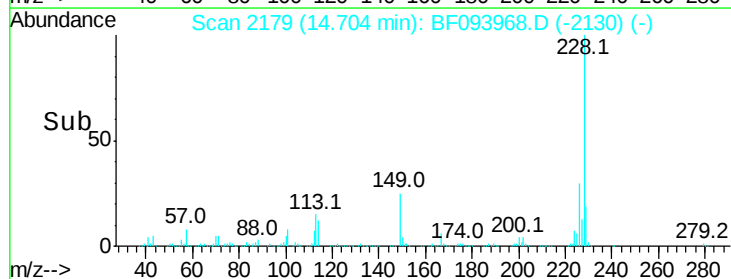
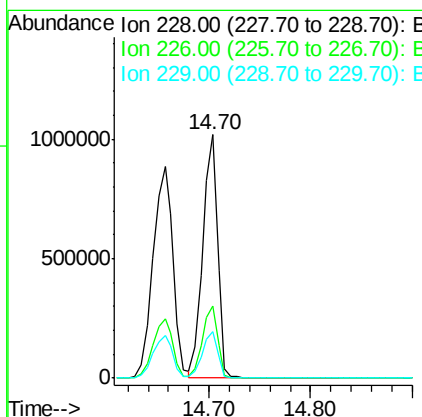
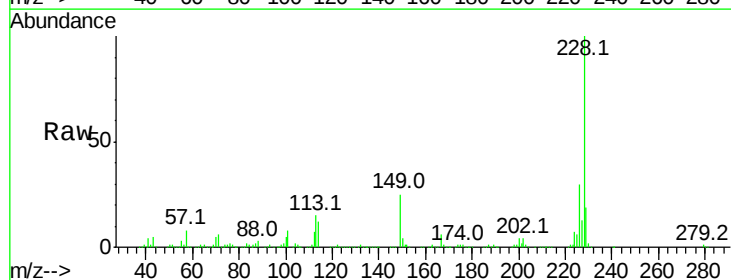
Instrument :
BNA_G
ClientSampleId :

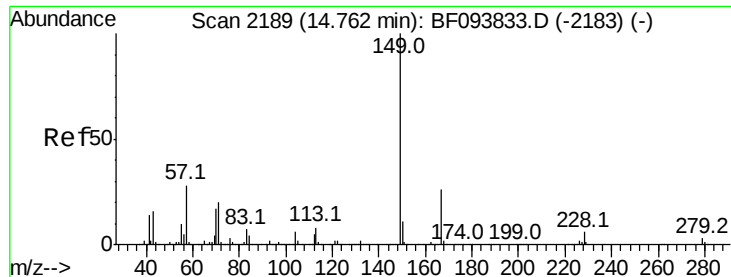
Tot Ion:228 Resp: 1205542
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.9 16.3 24.5



#82
Chrysene
Concen: 42.82 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

Tgt Ion:228 Resp: 1036811
Ion Ratio Lower Upper
228 100
226 29.6 24.9 37.3
229 19.2 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.84 ng

RT: 14.72 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :

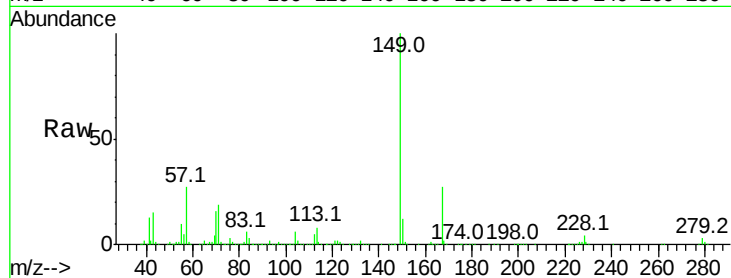
Tot Ion:149 Resp: 921886

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

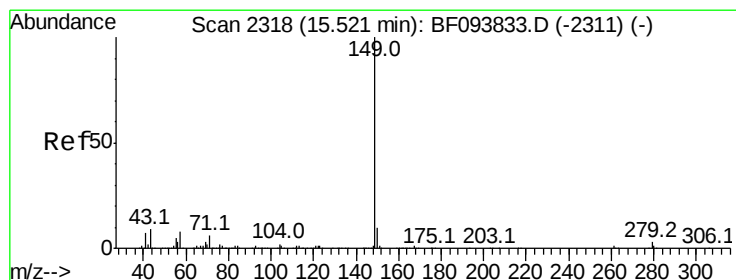
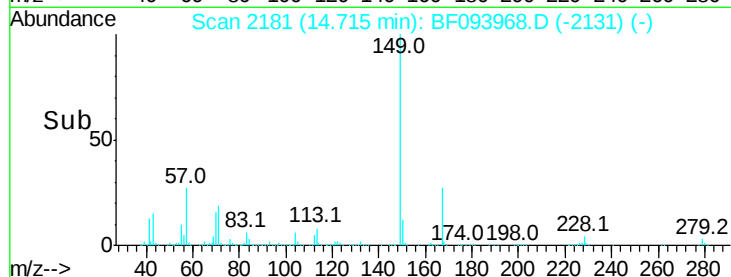
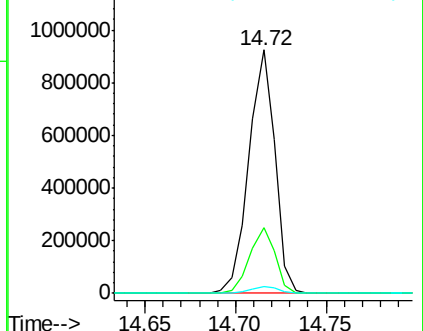
279 3.0 1.9 2.9#



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: 50.60 ng

RT: 15.47 min Scan# 2309

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

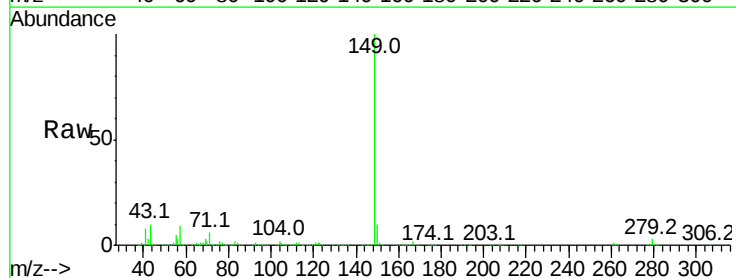
Tgt Ion:149 Resp: 1595705

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

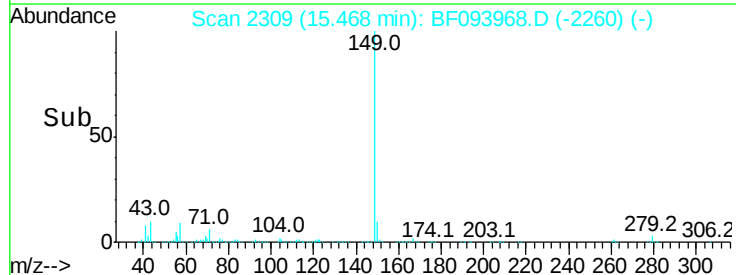
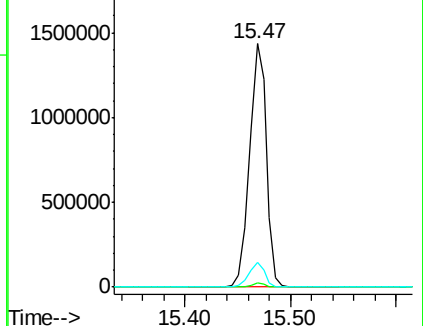
43 9.5 8.5 12.7

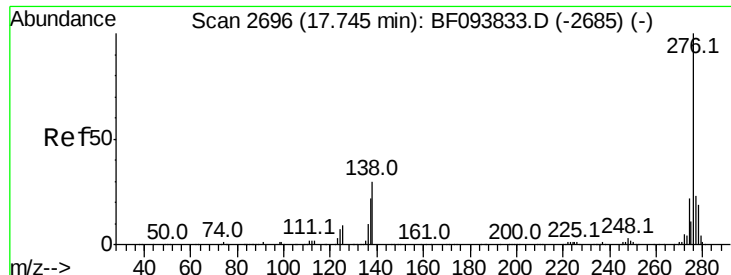


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

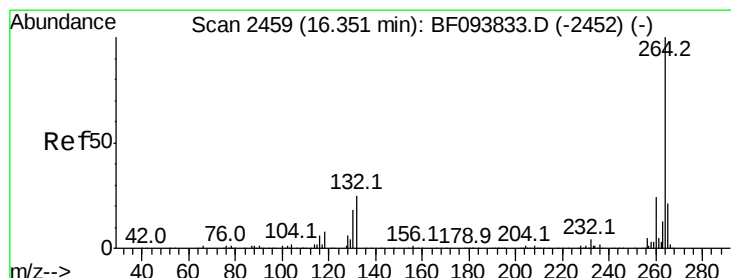
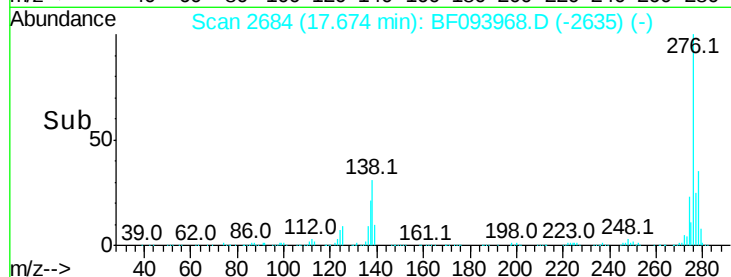
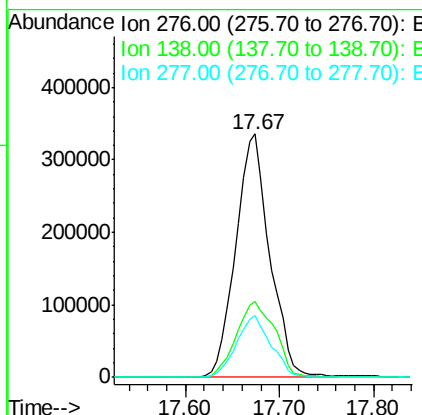
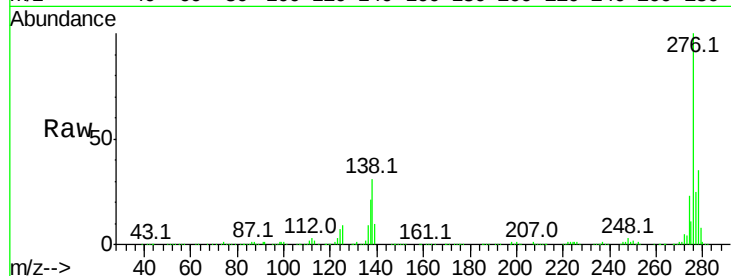




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.28 ng
 RT: 17.67 min Scan# 2684
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

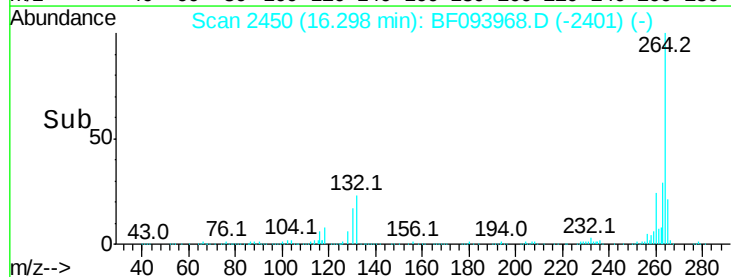
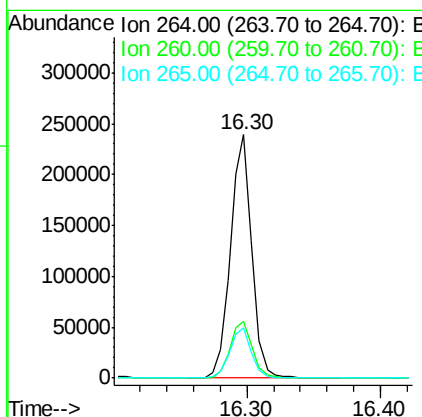
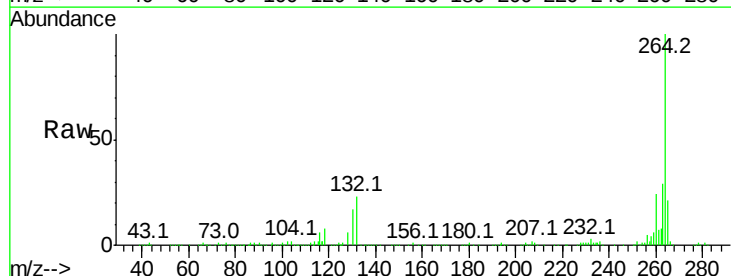
Instrument :
 BNA_G
 ClientSampleId :

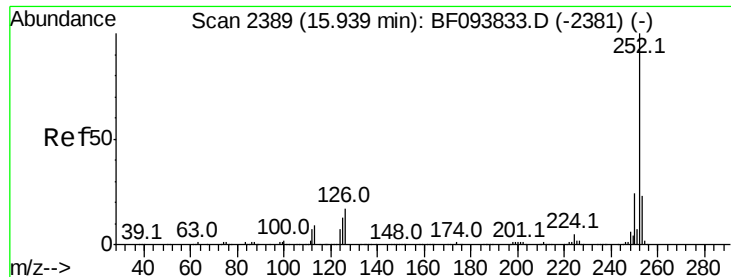
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.5	27.8	41.6
277	25.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093968.D
 Acq: 28 Mar 2017 3:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.7	17.2	25.8

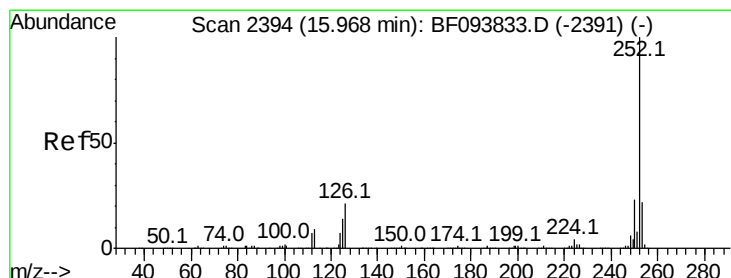
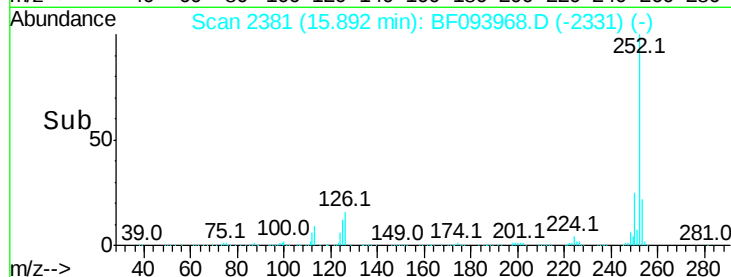
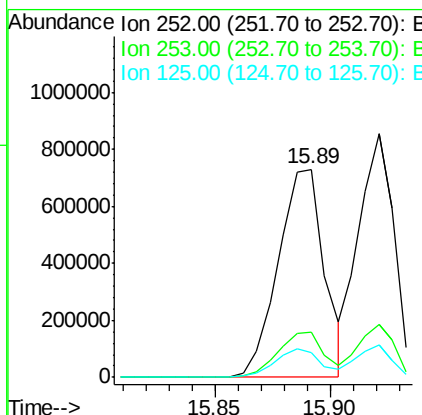
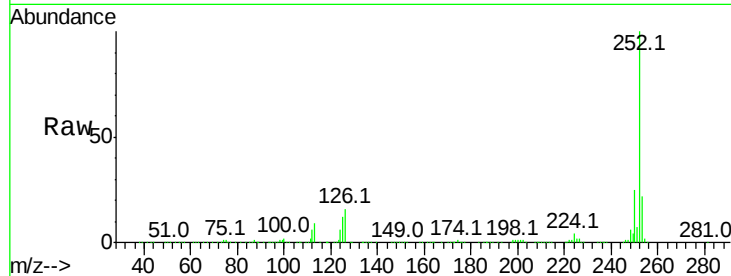




#87
Benzo(b)fluoranthene
Concen: 61.58 ng
RT: 15.89 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

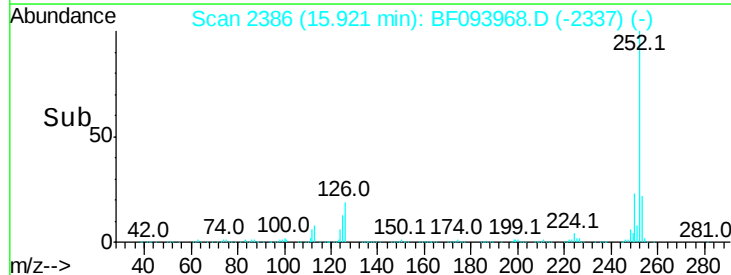
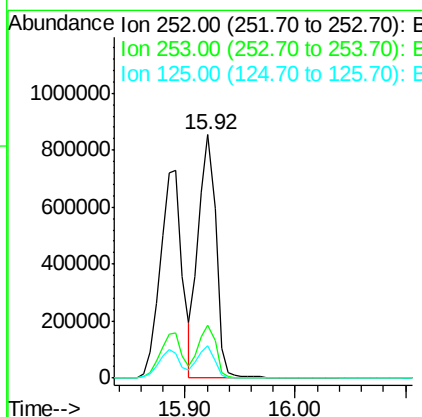
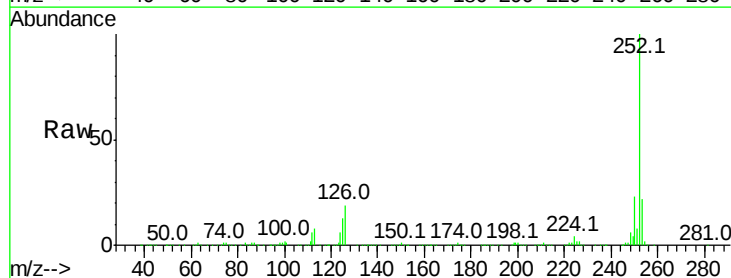
Instrument :
BNA_G
ClientSampleId :

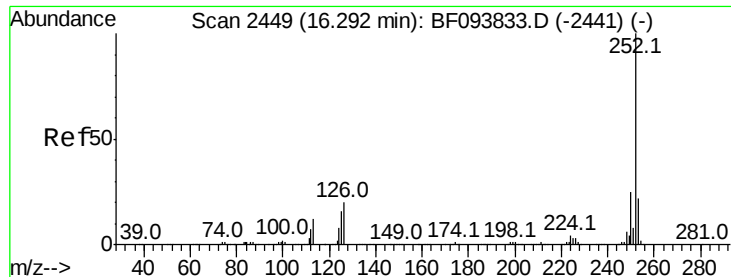
Tot Ion:252 Resp: 1013200
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 57.53 ng
RT: 15.92 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BF093968.D
Acq: 28 Mar 2017 3:21

Tgt Ion:252 Resp: 926133
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 13.2 13.1 19.7





#89

Benzo(a)pyrene

Concen: 55.89 ng

RT: 16.24 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

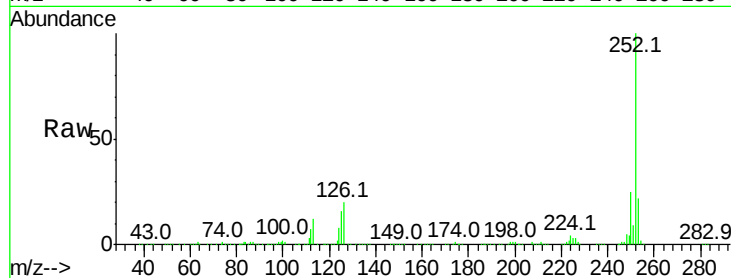
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 846726

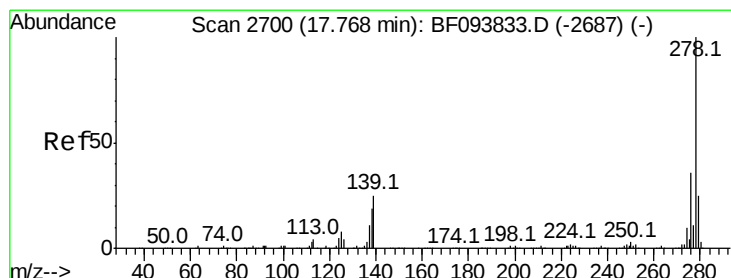
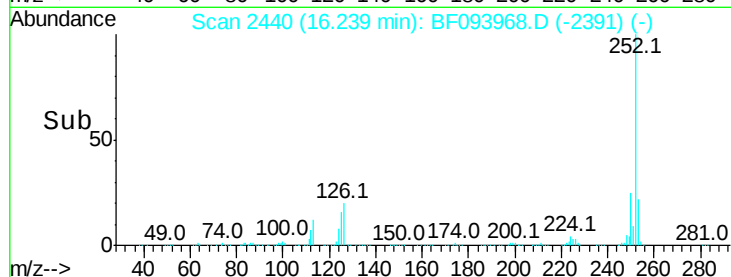
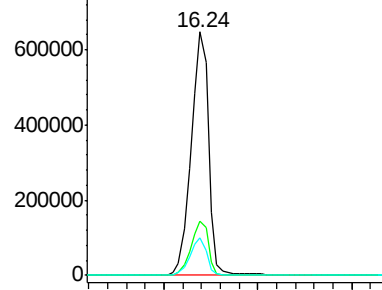
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	15.6	11.0	16.4



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: 55.83 ng

RT: 17.70 min Scan# 2688

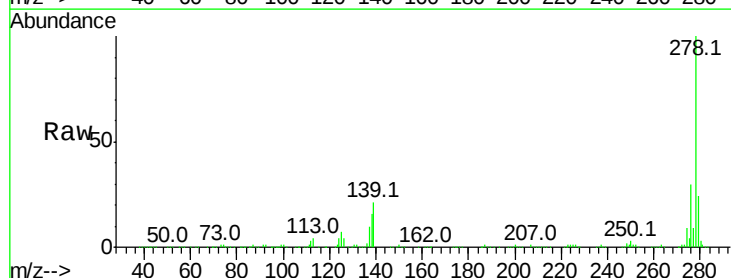
Delta R.T. -0.01 min

Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Tgt Ion:278 Resp: 716390

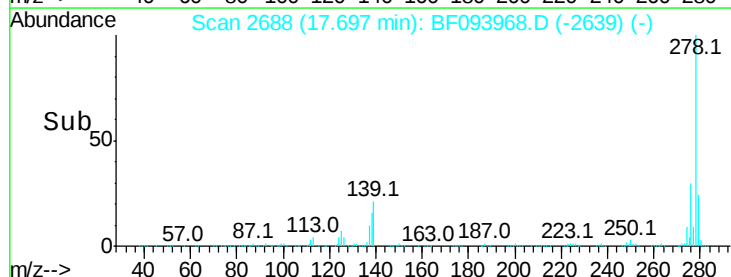
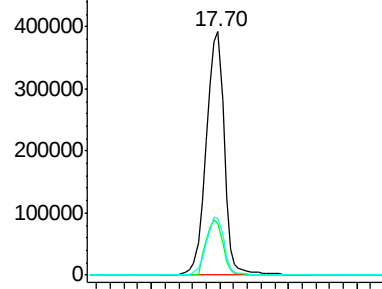
Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.6	24.8
279	23.5	19.3	28.9

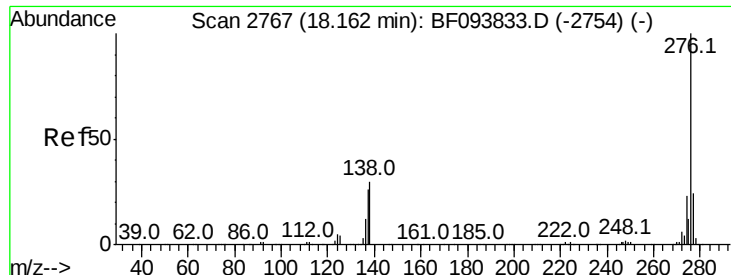


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.71 ng

RT: 18.08 min Scan# 2753

Delta R.T. -0.02 min

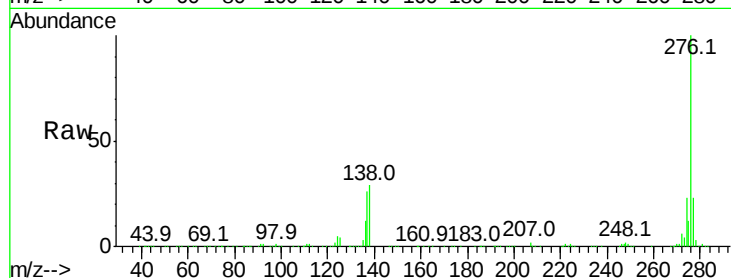
Lab File: BF093968.D

Acq: 28 Mar 2017 3:21

Instrument :

BNA_G

ClientSampleId :



Tot Ion:276 Resp: 681548

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 29.4 25.4 38.0

