

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093967.D
 Acq On : 28 Mar 2017 2:54
 Operator : SJ/MA
 Sample : I2384-03MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Quant Time: Mar 28 04:45:20 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	155994	20.00	ng	-0.01
21) Naphthalene-d8	7.45	136	643043	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	301775	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	541572	20.00	ng	0.00
75) Chrysene-d12	14.67	240	436112	20.00	ng	-0.01
86) Perylene-d12	16.30	264	273119	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	1147155	124.21	ng	0.02
7) Phenol-d6	5.55	99	1437715	125.83	ng	0.00
23) Nitrobenzene-d5	6.59	82	945353	83.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	341749	143.31	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	1734815	87.68	ng	-0.01
78) Terphenyl-d14	13.39	244	1502503	77.22	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	167791	37.82	ng	# 83
3) Pyridine	2.89	79	388413	32.12	ng	99
4) n-Nitrosodimethylamine	2.84	42	216803	43.57	ng	91
6) Aniline	5.56	93	271957	17.11	ng	# 1
8) 2-Chlorophenol	5.70	128	465904	45.89	ng	98
9) Benzaldehyde	5.43	77	85711	11.11	ng	99
10) Phenol	5.56	94	535827	41.21	ng	100
11) bis(2-Chloroethyl)ether	5.65	93	445510	43.85	ng	97
12) 1,3-Dichlorobenzene	5.87	146	485069	42.60	ng	100
13) 1,4-Dichlorobenzene	5.96	146	490470	42.53	ng	96
14) 1,2-Dichlorobenzene	6.13	146	508532	47.88	ng	98
15) Benzyl Alcohol	6.10	79	371963	44.48	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.27	45	647473	41.35	ng	97
17) 2-Methylphenol	6.25	107	394470	45.37	ng	99
18) Hexachloroethane	6.53	117	174553	43.06	ng	# 84
19) n-Nitroso-di-n-propylamine	6.43	70	320978	43.71	ng	97
20) 3+4-Methylphenols	6.43	107	485777	46.13	ng	# 66
22) Acetophenone	6.41	105	653397	45.59	ng	# 88
24) Nitrobenzene	6.61	77	486379	43.77	ng	95
25) Isophorone	6.90	82	873755	44.13	ng	95
26) 2-Nitrophenol	6.99	139	264671	49.94	ng	97
27) 2,4-Dimethylphenol	7.05	122	444811	48.71	ng	97
28) bis(2-Chloroethoxy)methane	7.16	93	553104	42.36	ng	99
29) 2,4-Dichlorophenol	7.28	162	415151	48.62	ng	97
30) 1,2,4-Trichlorobenzene	7.38	180	392824	44.67	ng	100
31) Naphthalene	7.47	128	1832509	59.27	ng	99
32) Benzoic acid	7.21	122	306312	50.39	ng	86
33) 4-Chloroaniline	7.53	127	112006	8.94	ng	95
34) Hexachlorobutadiene	7.63	225	194851	43.21	ng	98
35) Caprolactam	7.99	113	68667	25.22	ng	94
36) 4-Chloro-3-methylphenol	8.15	107	443196	49.68	ng	88
37) 2-Methylnaphthalene	8.32	142	1055192	51.19	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	342021	41.43	ng	99
40) Hexachlorocyclopentadiene	8.51	237	331048	85.69	ng	97

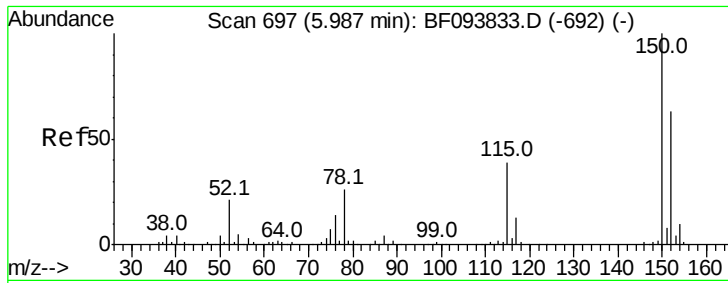
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	287174	49.17	nq	97
43) 2,4,5-Trichlorophenol	8.72	196	291396	46.11	nq	94
45) 1,1'-Biphenyl	8.89	154	1076925	44.24	nq	97
46) 2-Chloronaphthalene	8.91	162	850779	44.65	nq	95
47) 2-Nitroaniline	9.04	65	259997	46.00	nq	# 80
48) Acenaphthylene	9.42	152	1367793	43.19	nq	99
49) Dimethylphthalate	9.28	163	1023939	47.73	nq	99
50) 2,6-Dinitrotoluene	9.35	165	235137	47.82	nq	95
51) Acenaphthene	9.63	154	820414	44.40	nq	99
52) 3-Nitroaniline	9.54	138	76910	13.32	nq	88
53) 2,4-Dinitrophenol	9.68	184	252185	94.91	nq	# 67
54) Dibenzofuran	9.85	168	1178979	46.87	nq	99
55) 4-Nitrophenol	9.78	139	380227	84.08	nq	# 68
56) 2,4-Dinitrotoluene	9.84	165	290445	47.02	nq	# 73
57) Fluorene	10.27	166	896573	42.98	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	220320	50.81	nq	98
59) Diethylphthalate	10.15	149	992644	46.82	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	378064	42.55	nq	95
61) 4-Nitroaniline	10.30	138	199928	36.08	nq	97
62) Azobenzene	10.47	77	946338	47.18	nq	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	165396	49.87	nq	# 77
65) n-Nitrosodiphenylamine	10.42	169	654700	34.96	nq	98
66) 4-Bromophenyl-phenylether	10.87	248	243506	45.72	nq	97
67) Hexachlorobenzene	10.94	284	248214	46.03	nq	# 93
68) Atrazine	11.09	200	78029	13.91	nq	96
69) Pentachlorophenol	11.19	266	281001	83.73	nq	99
70) Phenanthrene	11.44	178	1342230	44.55	nq	99
71) Anthracene	11.51	178	1382979	44.58	nq	99
72) Carbazole	11.71	167	976980	30.71	nq	98
73) Di-n-butylphthalate	12.16	149	1541111	46.59	nq	99
74) Fluoranthene	12.91	202	1383195	44.84	nq	100
77) Pyrene	13.19	202	1391004	43.95	nq	100
79) Butylbenzylphthalate	14.00	149	660850	49.00	nq	# 83
80) Benzo(a)anthracene	14.66	228	1137052	44.71	nq	99
82) Chrysene	14.70	228	991292	42.00	nq	100
83) Bis(2-ethylhexyl)phthalate	14.72	149	871451	47.37	nq	# 99
84) Di-n-octyl phthalate	15.47	149	1492160	48.55	nq	98
85) Indeno(1,2,3-cd)pyrene	17.67	276	809162	39.59	nq	100
87) Benzo(b)fluoranthene	15.89	252	953937	56.98	nq	97
88) Benzo(k)fluoranthene	15.89	252	953937	58.24	nq	96
89) Benzo(a)pyrene	16.24	252	820808	53.24	nq	99
90) Dibenzo(a,h)anthracene	17.69	278	673268	51.57	nq	98
91) Benzo(g,h,i)perylene	18.08	276	660497	50.20	nq	97

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

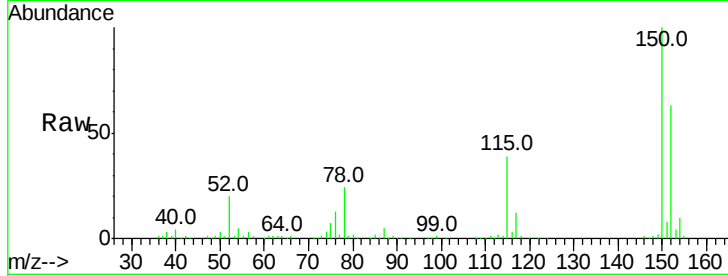


#1

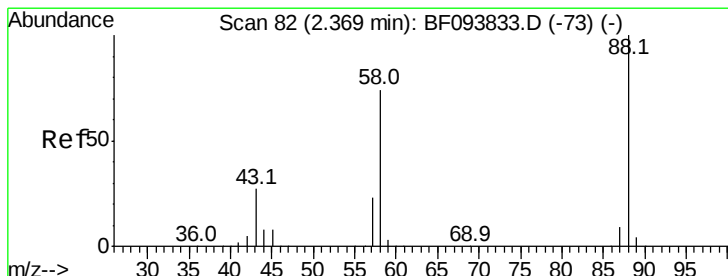
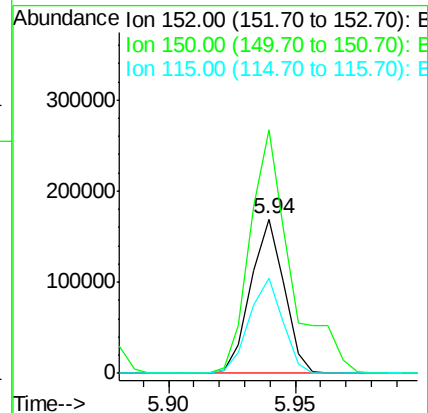
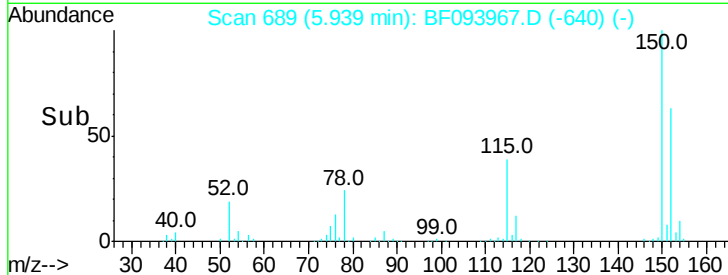
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.94 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion:152 Resp: 155994
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.2 189.2
 115 61.9 52.2 78.2



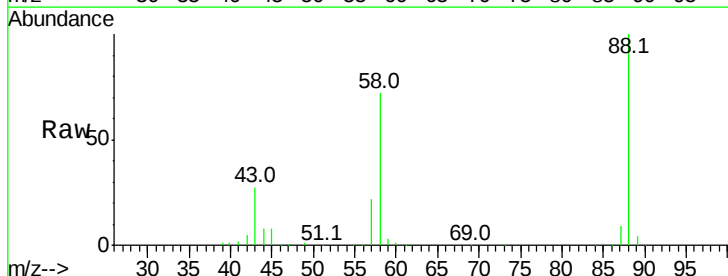
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



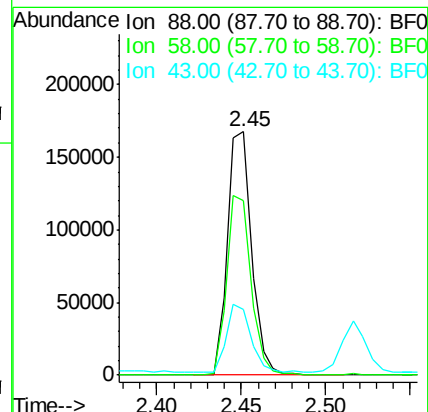
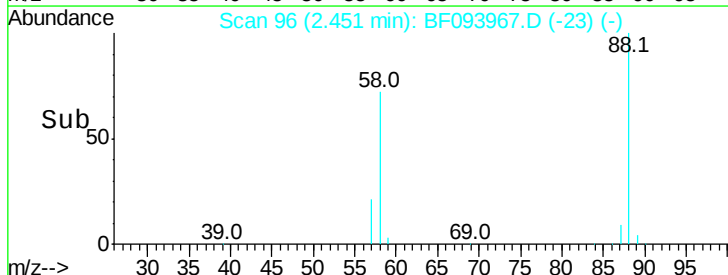
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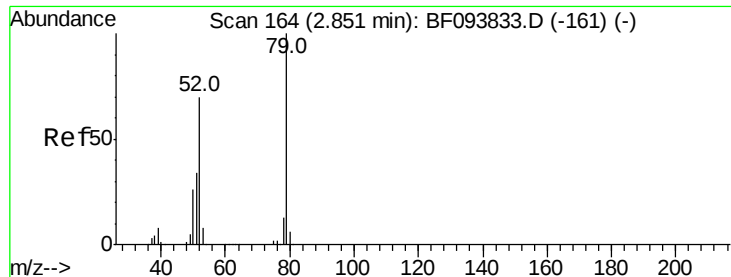
1,4-Dioxane
 Concen: 37.82 ng
 RT: 2.45 min Scan# 96
 Delta R.T. 0.13 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion: 88 Resp: 167791
 Ion Ratio Lower Upper
 88 100
 58 74.4 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: 32.12 ng

RT: 2.89 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

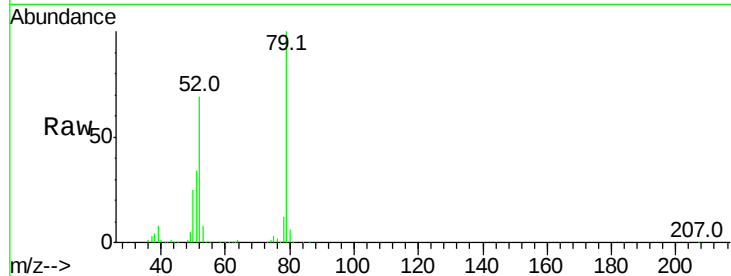
Tot Ion: 79 Resp: 388413

Ion Ratio Lower Upper

79 100

52 69.2 54.8 82.2

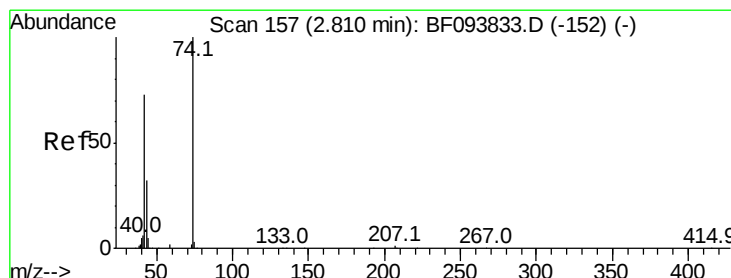
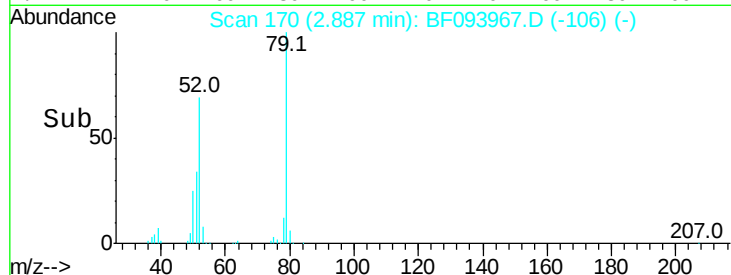
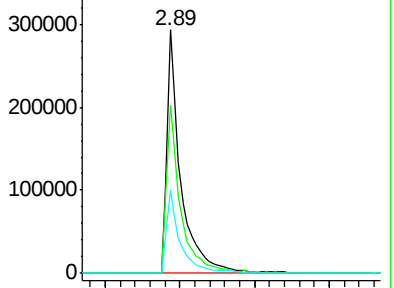
51 34.3 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.57 ng

RT: 2.84 min Scan# 162

Delta R.T. 0.06 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

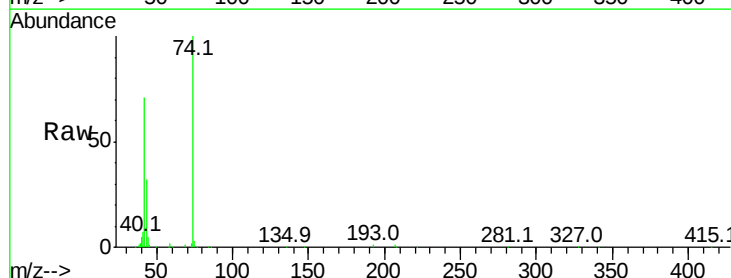
Tgt Ion: 42 Resp: 216803

Ion Ratio Lower Upper

42 100

74 140.8 103.9 155.9

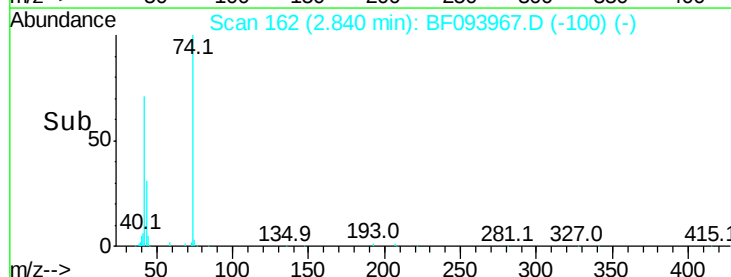
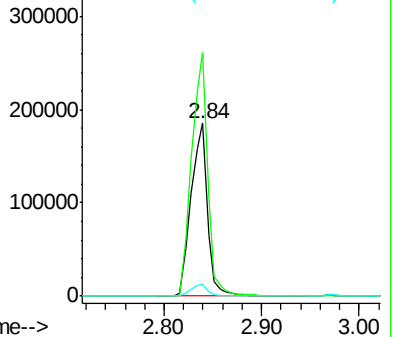
44 6.9 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.21 ng

RT: 4.49 min Scan# 443

Delta R.T. 0.02 min

Lab File: BF093967.D

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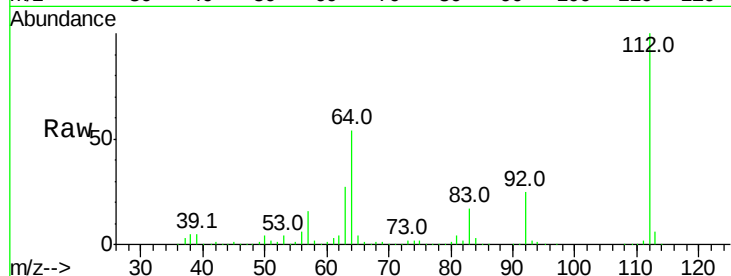
Tot Ion:112 Resp: 1147155

Ion Ratio Lower Upper

112 100

64 54.3 46.0 69.0

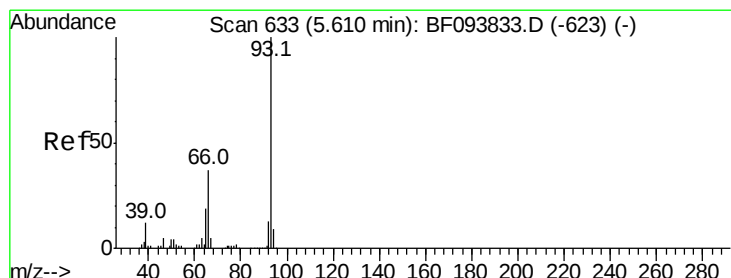
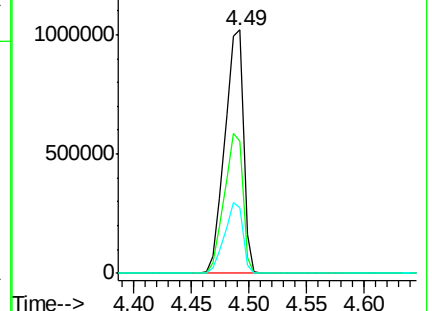
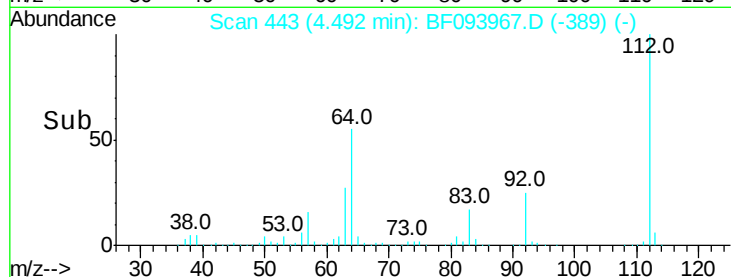
63 27.1 23.4 35.0



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: 17.11 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

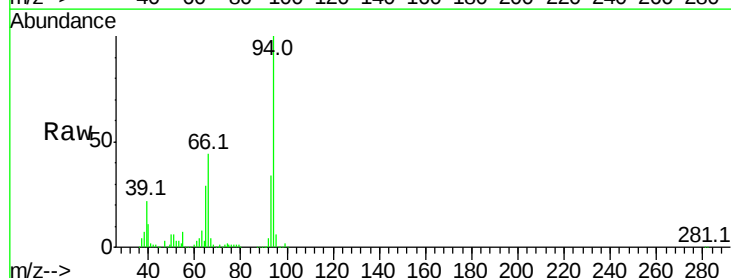
Tgt Ion: 93 Resp: 271957

Ion Ratio Lower Upper

93 100

66 127.1 32.9 49.3#

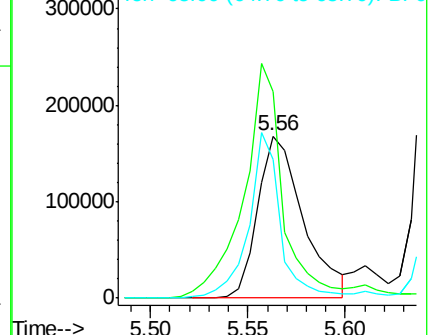
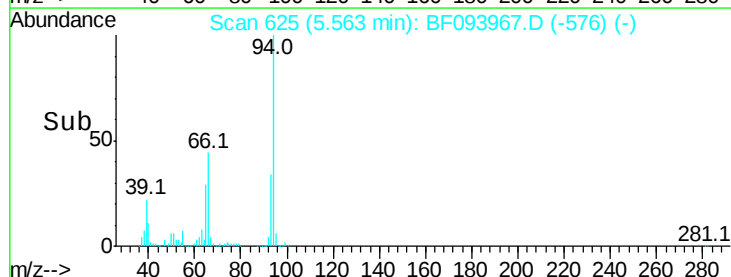
65 85.8 16.0 24.0#

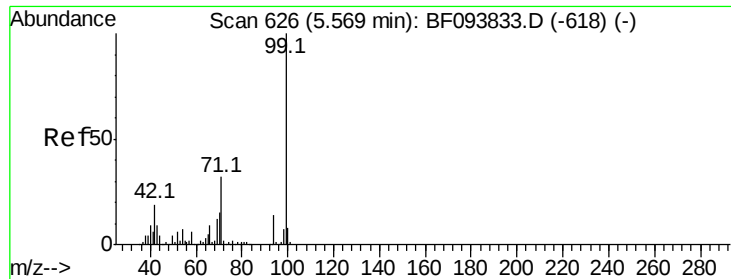


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.83 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF093967.D

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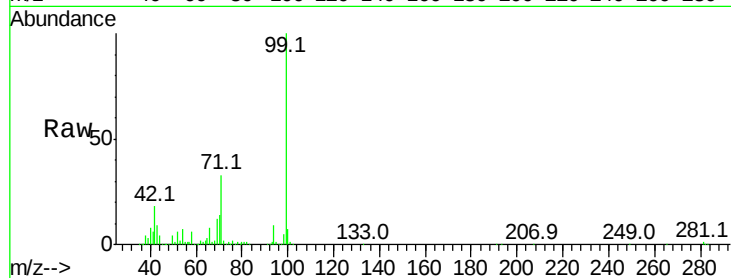
Tot Ion: 99 Resp: 1437715

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

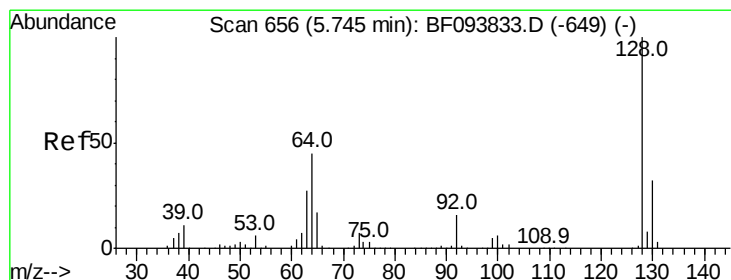
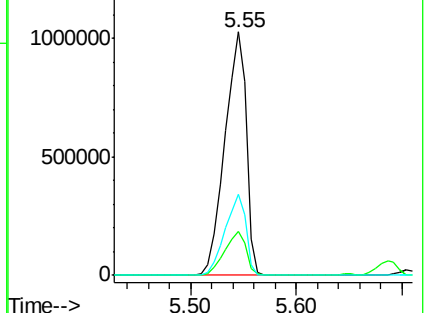
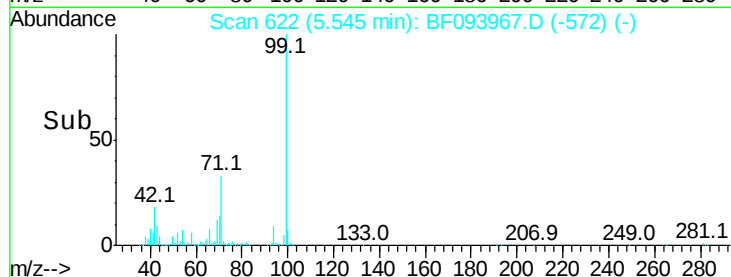
71 33.1 24.5 36.7



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: 45.89 ng

RT: 5.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

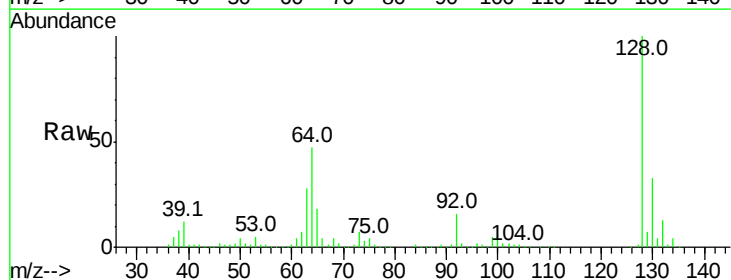
Tgt Ion:128 Resp: 465904

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

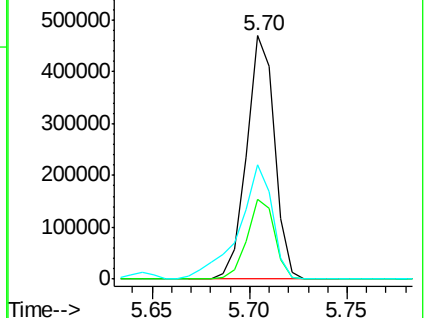
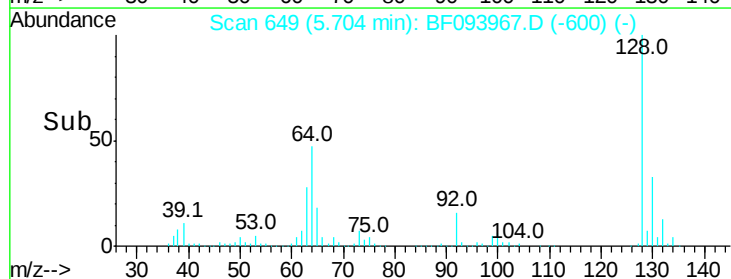
64 46.7 28.4 68.4

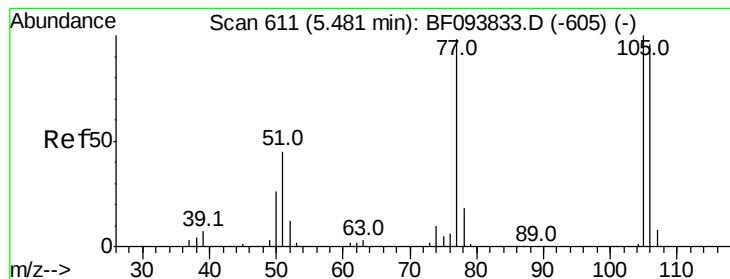


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.11 ng

RT: 5.43 min Scan# 603

Delta R.T. -0.01 min

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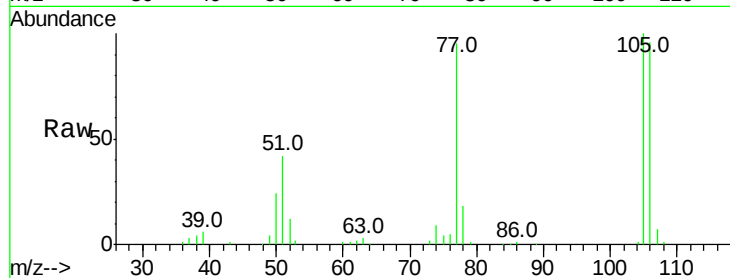
Tot Ion: 77 Resp: 85711

Ion Ratio Lower Upper

77 100

105 104.7 83.8 123.8

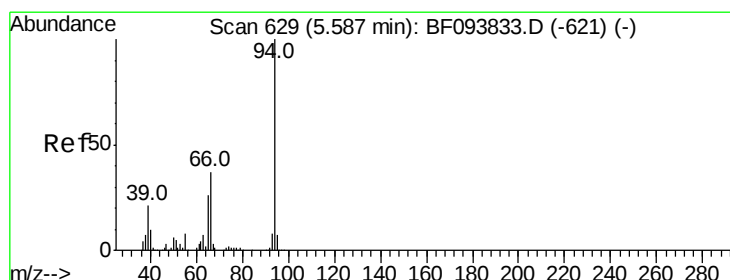
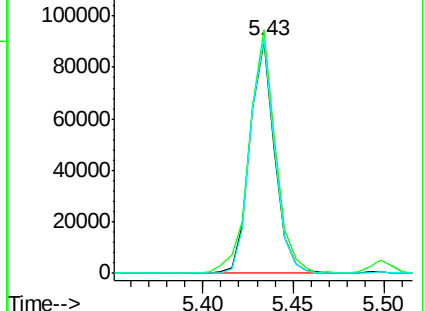
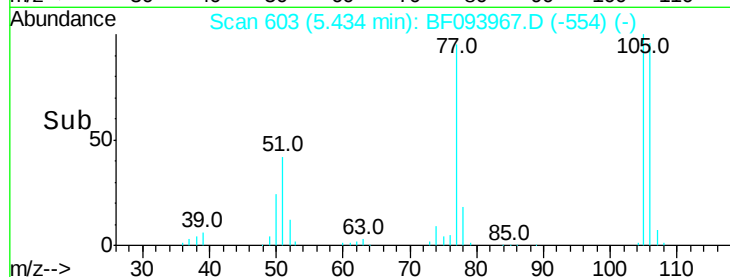
106 101.1 79.1 119.1



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: 41.21 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

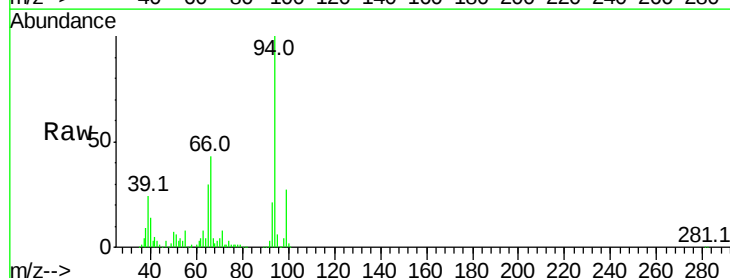
Tgt Ion: 94 Resp: 535827

Ion Ratio Lower Upper

94 100

65 30.3 9.9 49.9

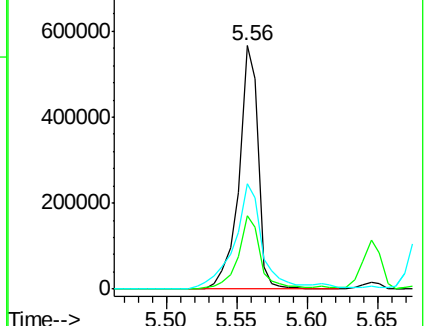
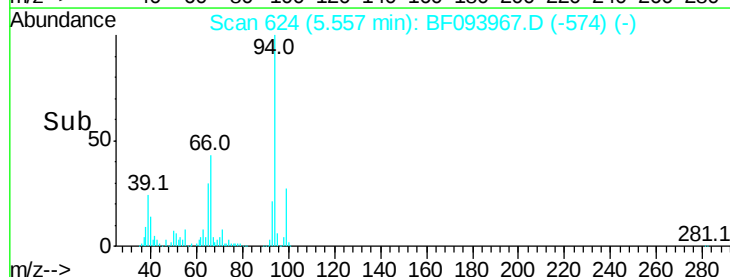
66 43.1 23.1 63.1



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: 43.85 ng

RT: 5.65 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

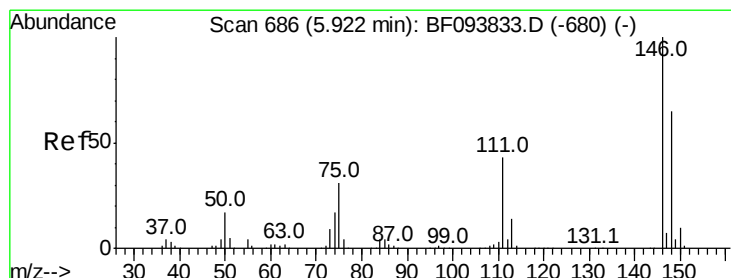
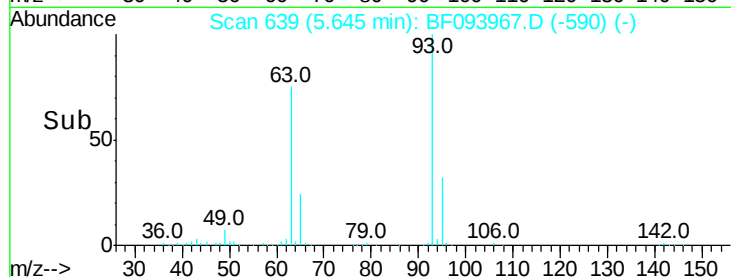
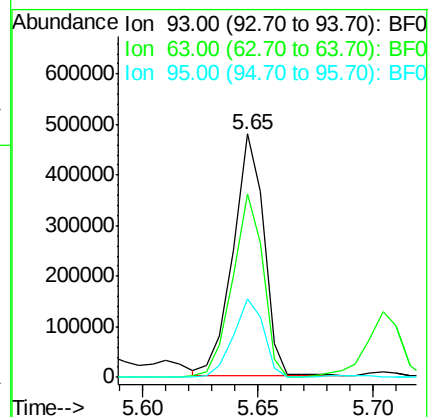
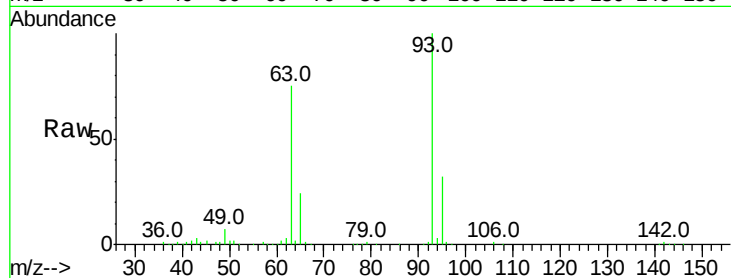
Tot Ion: 93 Resp: 445510

Ion Ratio Lower Upper

93 100

63 75.4 59.2 99.2

95 32.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.60 ng

RT: 5.87 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

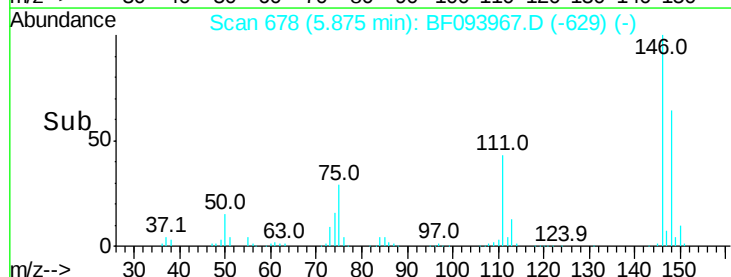
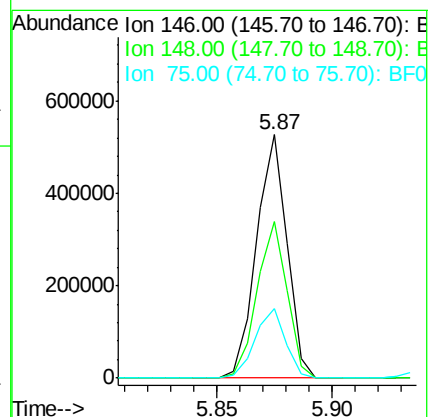
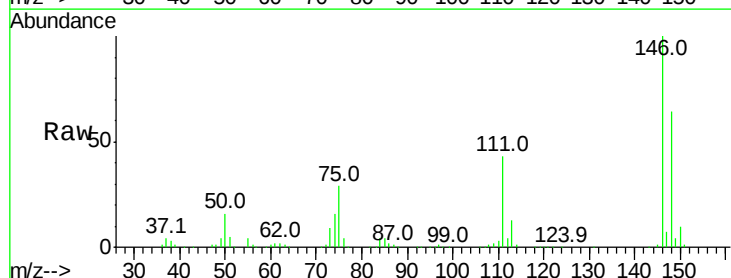
Tgt Ion: 146 Resp: 485069

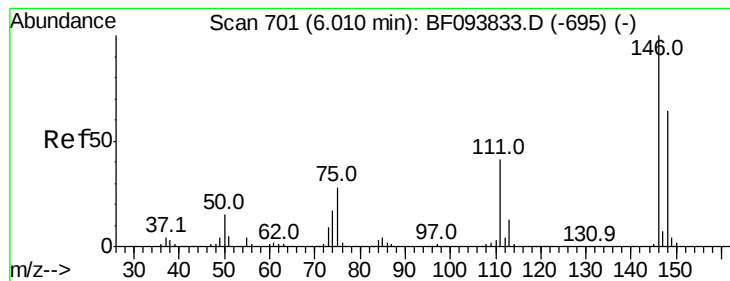
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

75 28.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.53 ng

RT: 5.96 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

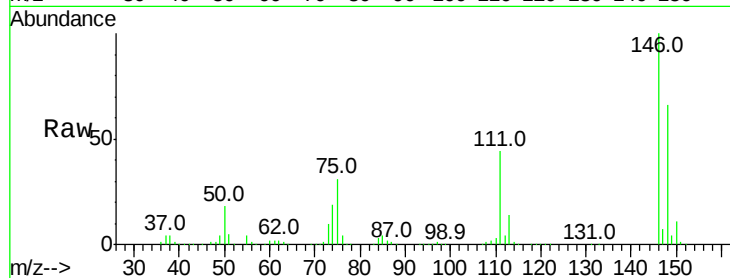
Tot Ion:146 Resp: 490470

Ion Ratio Lower Upper

146 100

148 65.9 52.2 78.2

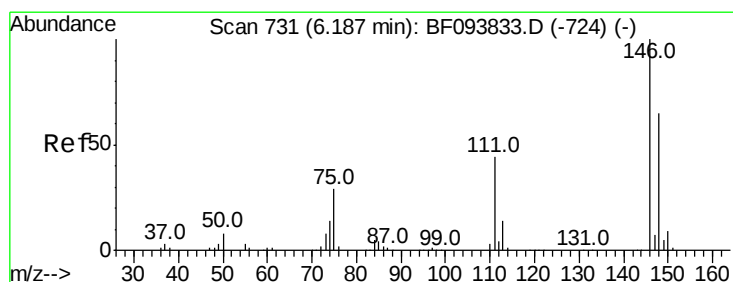
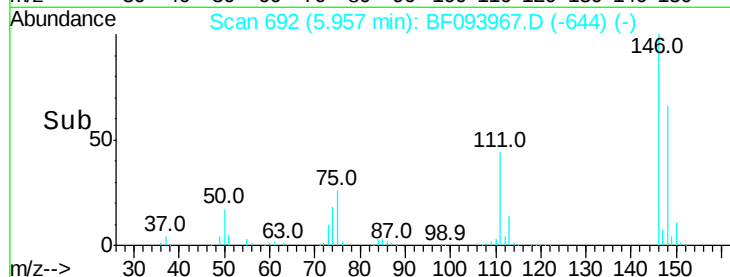
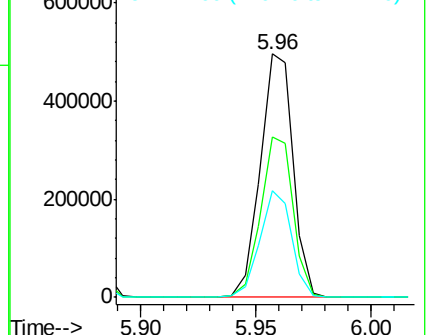
111 43.6 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.88 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

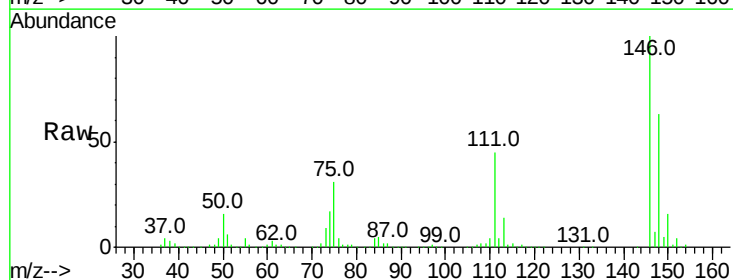
Tgt Ion:146 Resp: 508532

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

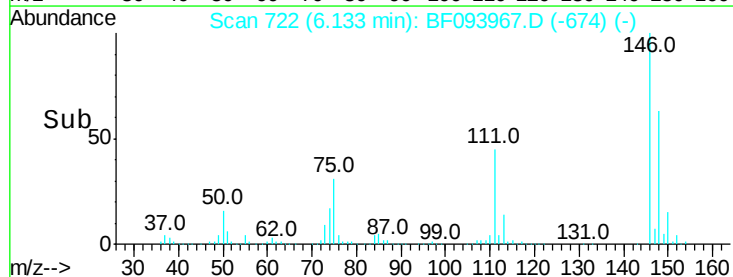
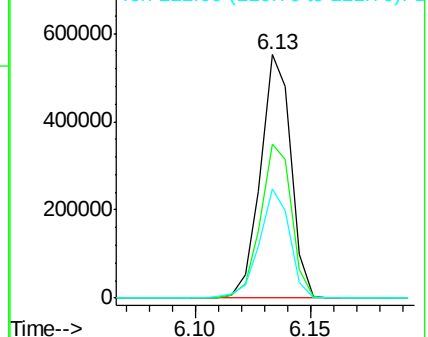
111 44.6 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

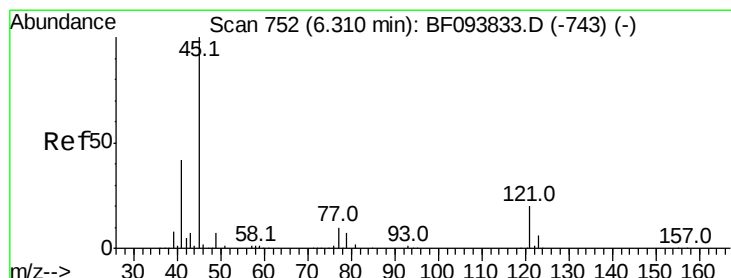
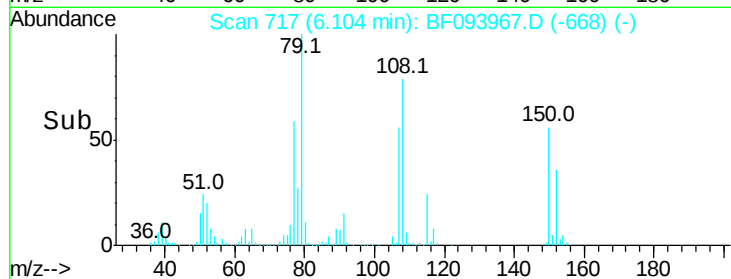
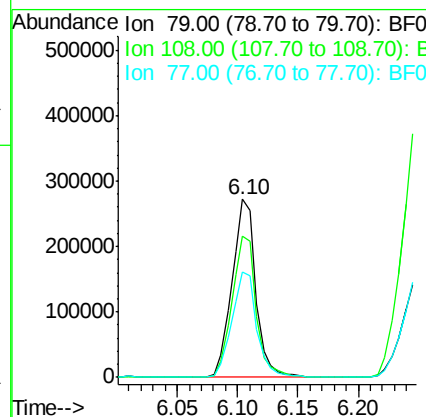
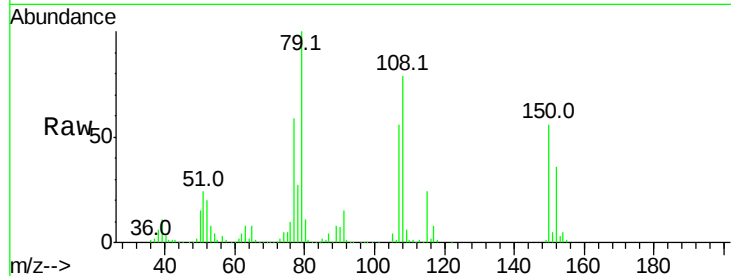




#15
Benzyl Alcohol
Concen: 44.48 ng
RT: 6.10 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

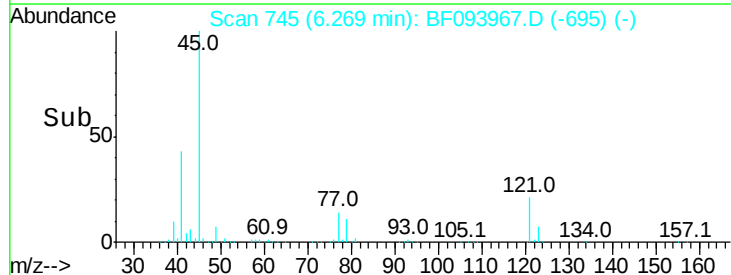
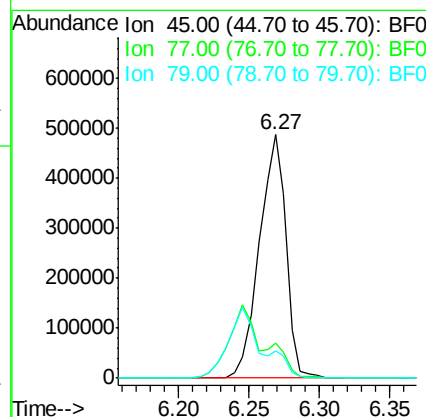
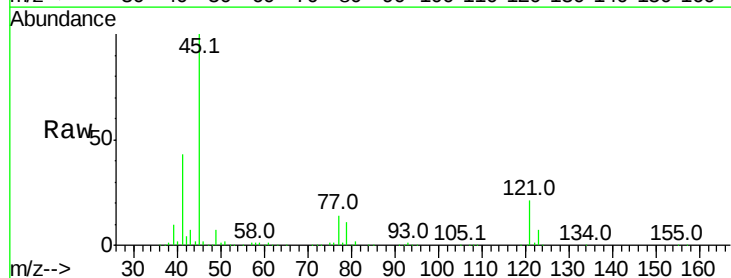
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

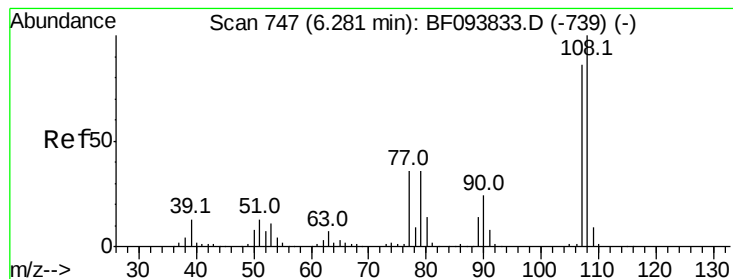
Tot Ion: 79 Resp: 371963
Ion Ratio Lower Upper
79 100
108 79.1 63.4 95.0
77 59.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.35 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion: 45 Resp: 647473
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.2
79 11.3 0.0 30.0





#17

2-Methylphenol

Concen: 45.37 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:107 Resp: 394470

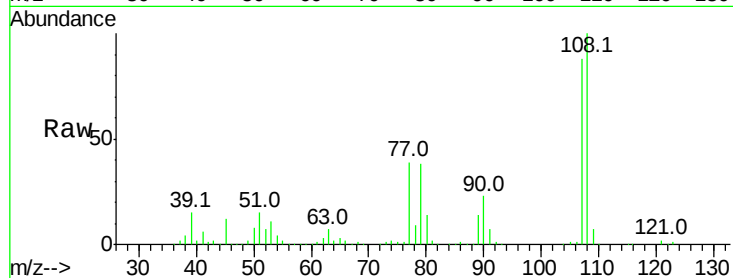
Ion Ratio Lower Upper

107 100

108 114.1 93.4 140.0

77 44.7 35.8 53.6

79 43.3 34.8 52.2

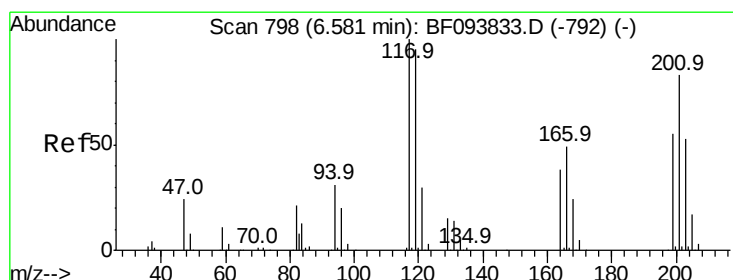
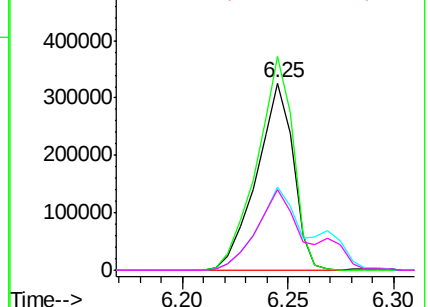
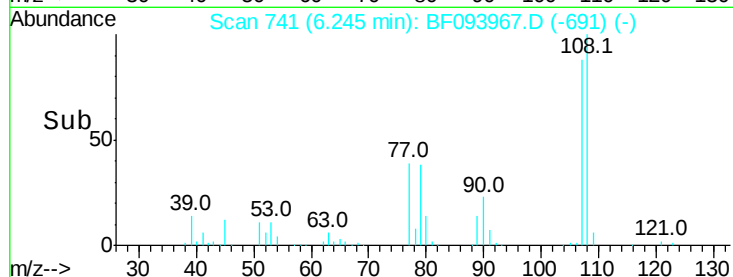


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.06 ng

RT: 6.53 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

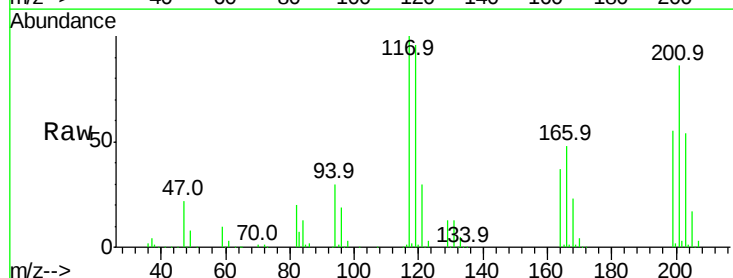
Tgt Ion:117 Resp: 174553

Ion Ratio Lower Upper

117 100

119 96.0 77.4 116.0

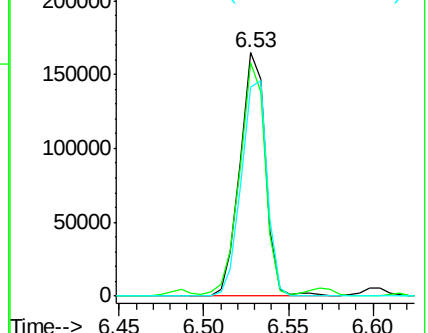
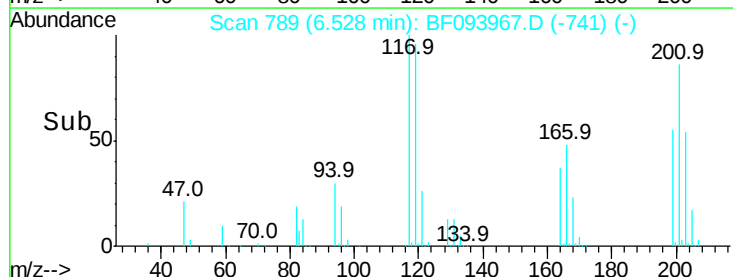
201 86.1 94.6 141.8#

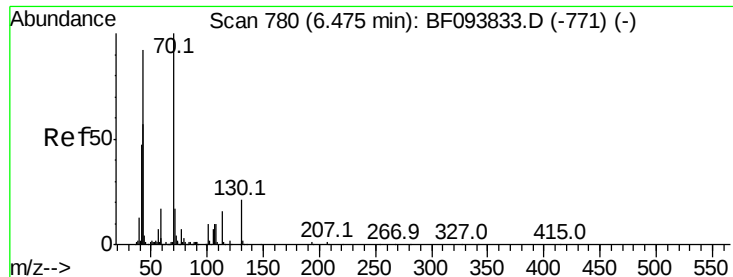


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

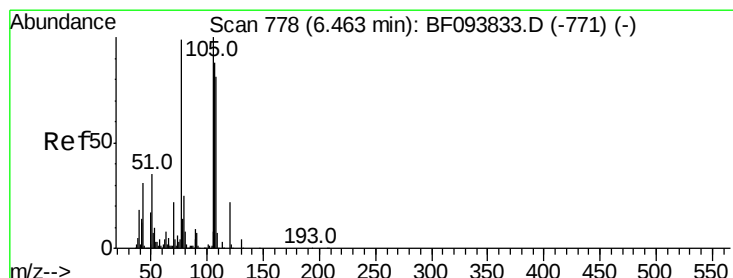
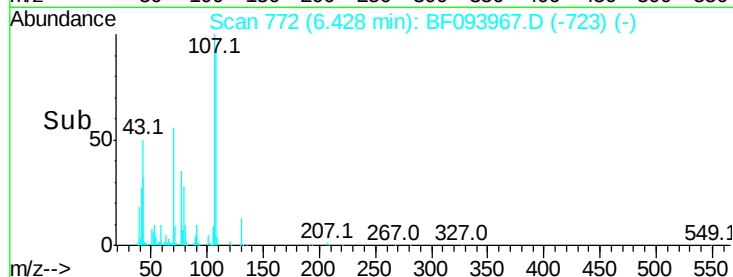
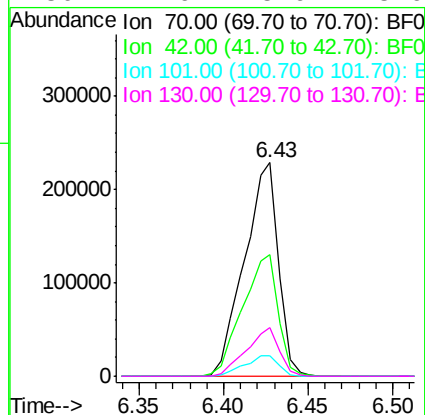
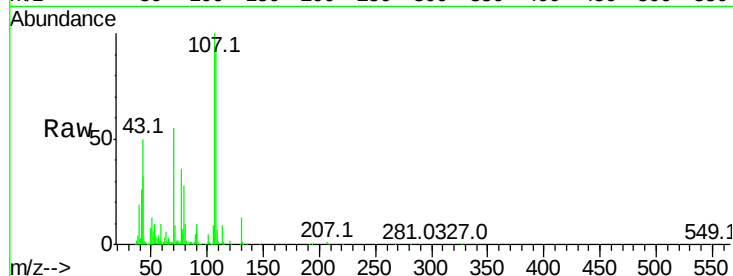




#19
n-Nitroso-di-n-propylamine
Concen: 43.71 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

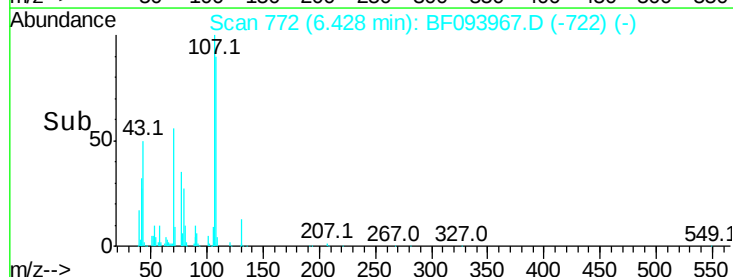
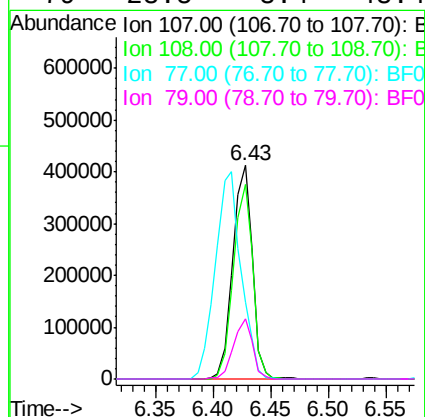
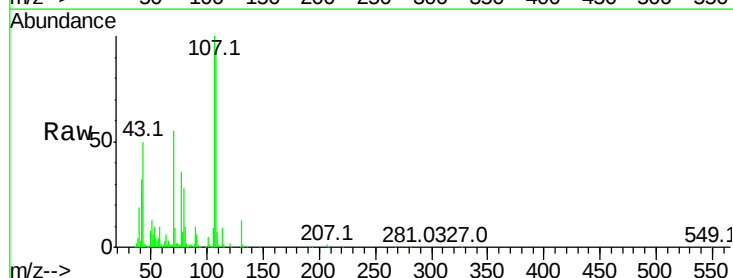
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

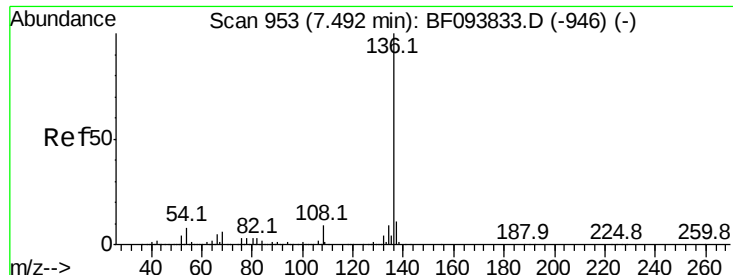
Tot Ion:	70	Resp:	320978
Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.2	70.8
101	9.7	7.2	10.8
130	22.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 46.13 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion:	107	Resp:	485777
Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.0	111.0
77	36.1	90.5	130.5#
79	28.5	8.4	48.4

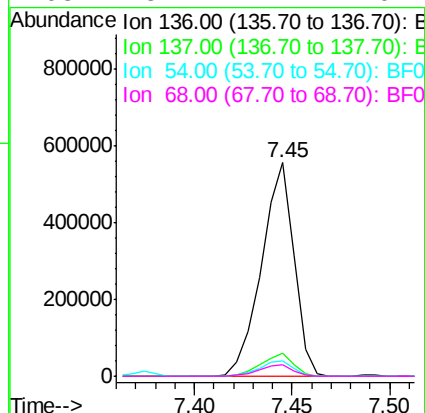
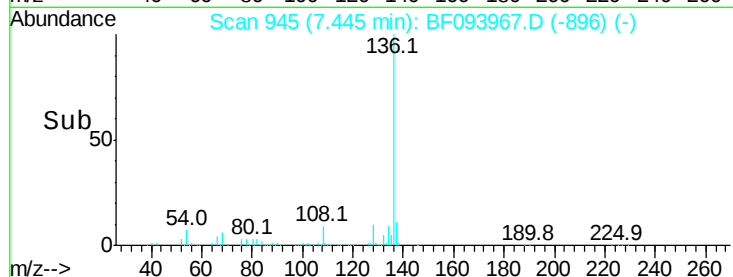
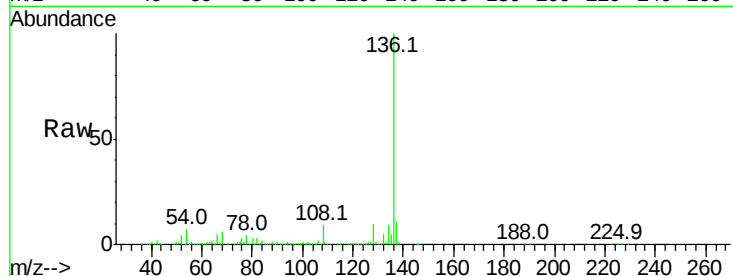




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.45 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

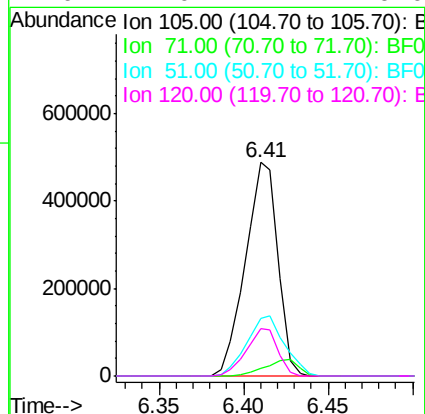
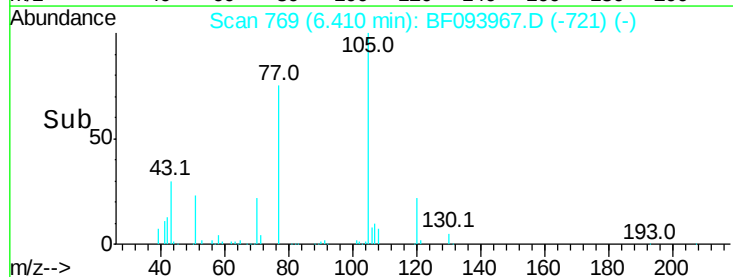
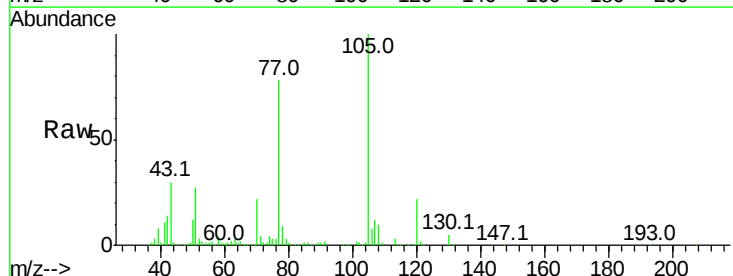
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

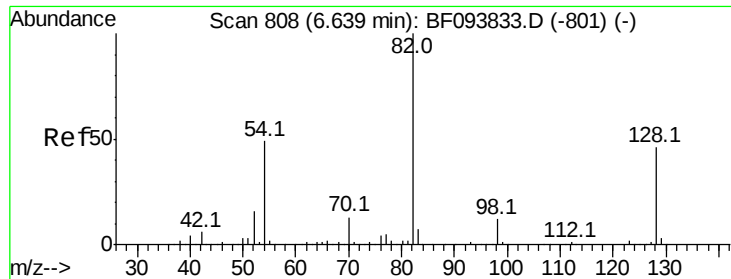
Tot Ion:136	Resp:	643043
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.4	4.9 7.3#
68	5.7	4.1 6.1



#22
Acetophenone
Concen: 45.59 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.02 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion:105	Resp:	653397
Ion Ratio	Lower	Upper
105	100	
71	3.8	2.8 4.2
51	27.0	30.7 46.1#
120	22.0	17.4 26.0

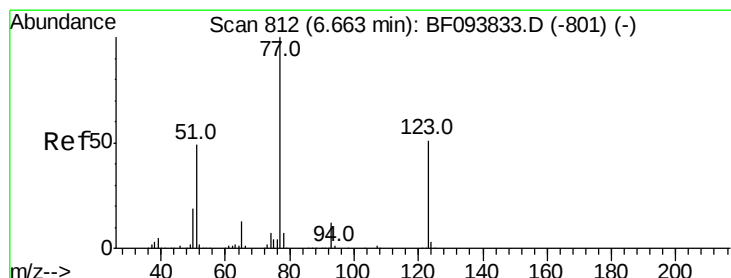
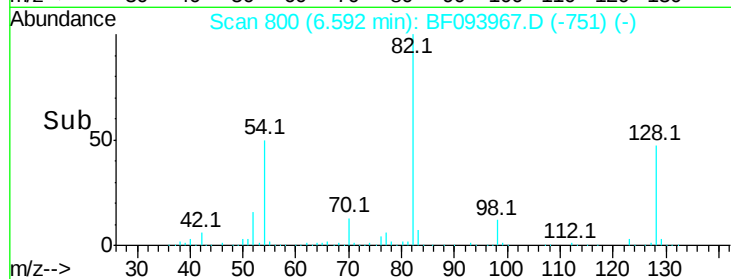
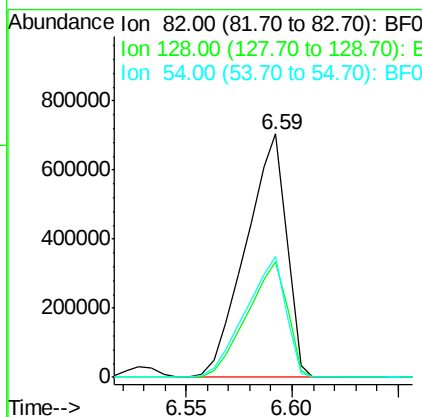
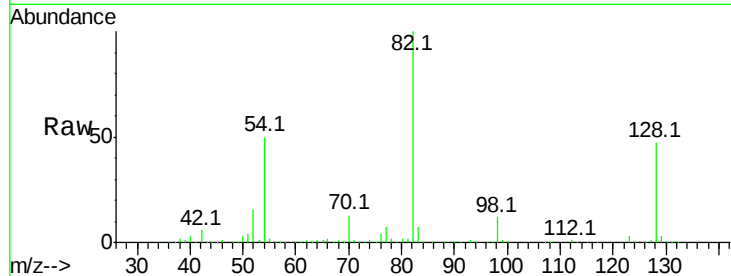




#23
 Nitrobenzene-d5
 Concen: 83.90 ng
 RT: 6.59 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

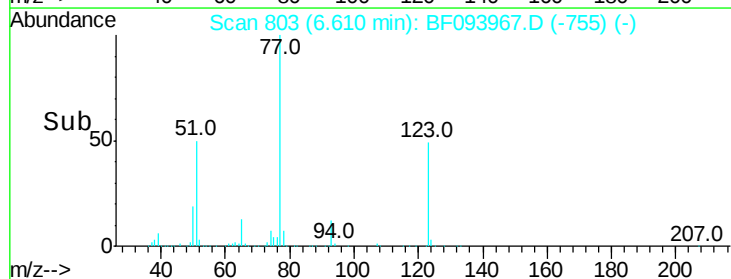
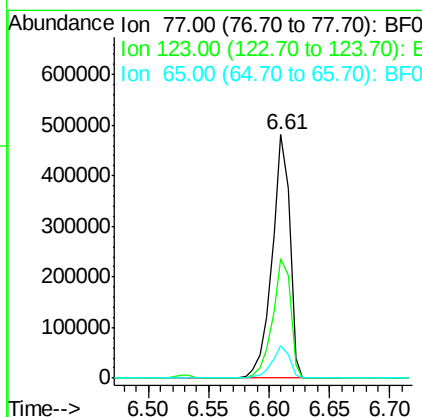
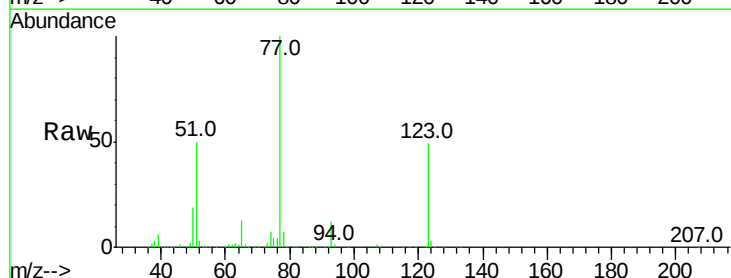
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

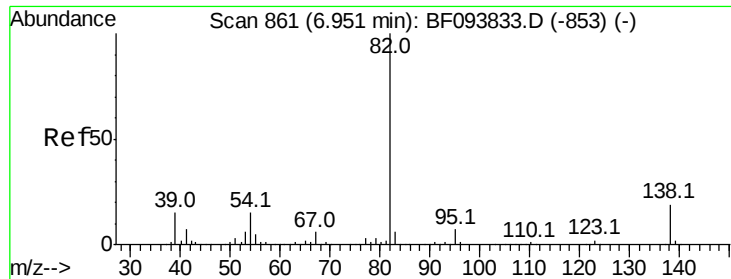
Tot Ion	82	Resp	945353
Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	49.5	42.2	63.2



#24
 Nitrobenzene
 Concen: 43.77 ng
 RT: 6.61 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	77	Resp	486379
Ion	Ratio	Lower	Upper
77	100		
123	49.3	35.8	53.8
65	13.2	10.6	15.8





#25

Isophorone

Concen: 44.13 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

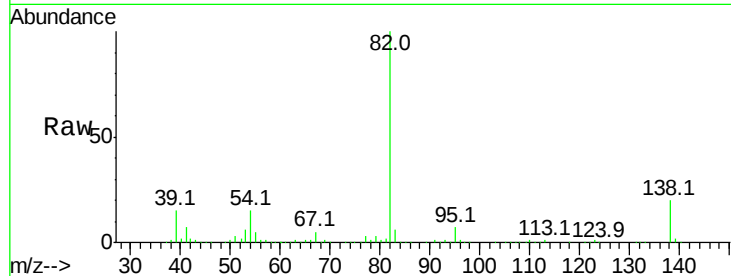
Tot Ion: 82 Resp: 873755

Ion Ratio Lower Upper

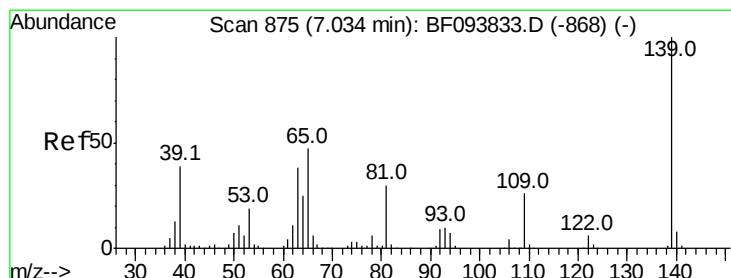
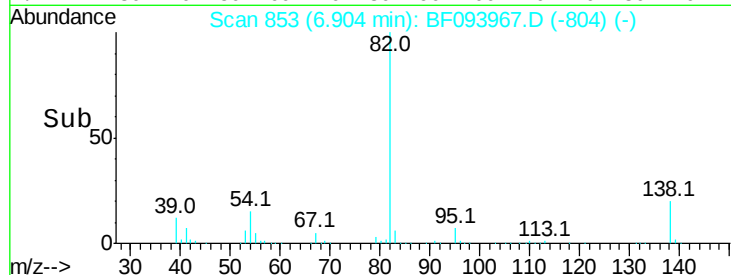
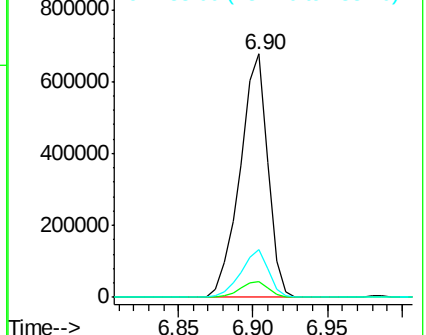
82 100

95 6.6 5.3 7.9

138 19.6 13.1 19.7



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



#26

2-Nitrophenol

Concen: 49.94 ng

RT: 6.99 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

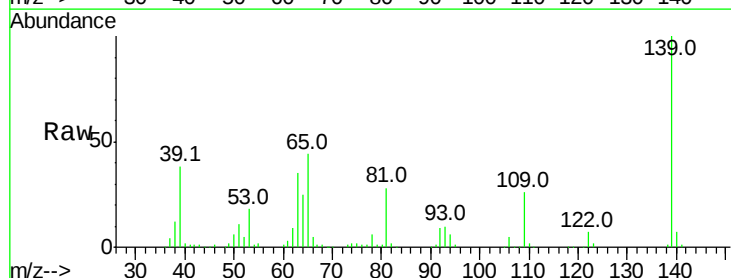
Tgt Ion:139 Resp: 264671

Ion Ratio Lower Upper

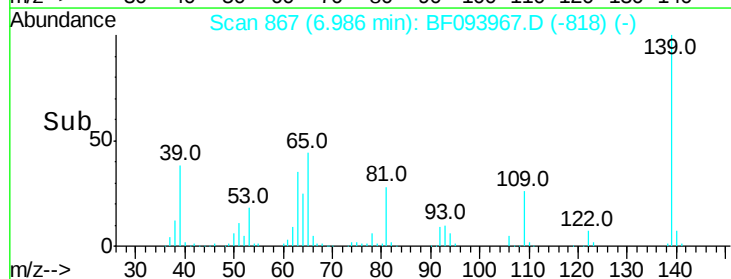
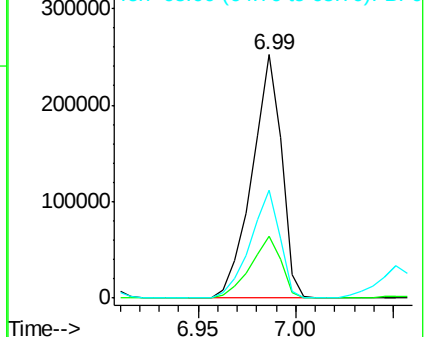
139 100

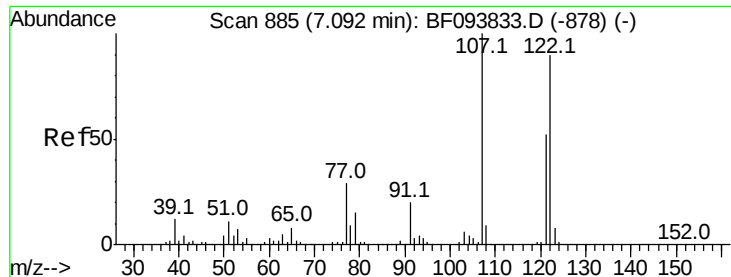
109 25.6 21.0 31.6

65 44.2 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 48.71 ng

RT: 7.05 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

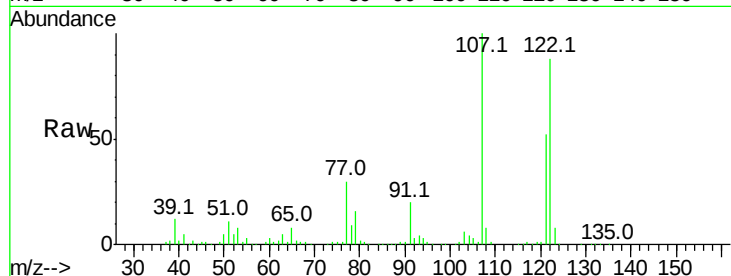
Tot Ion:122 Resp: 444811

Ion Ratio Lower Upper

122 100

107 114.1 89.2 133.8

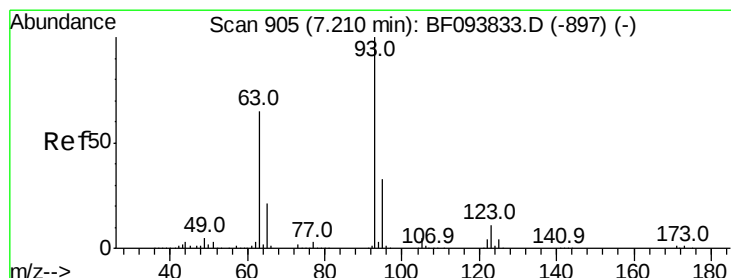
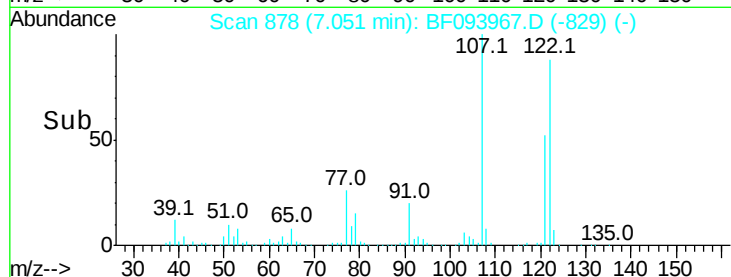
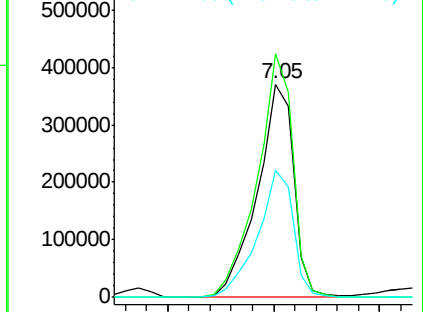
121 59.4 45.2 67.8



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: 42.36 ng

RT: 7.16 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

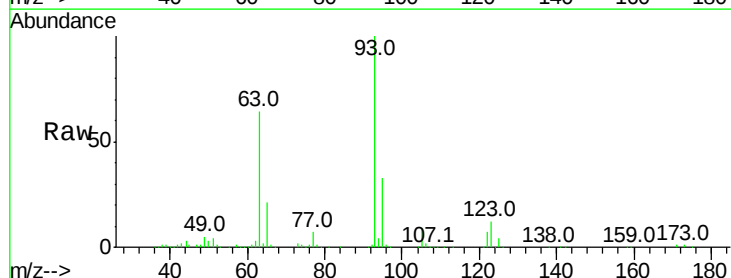
Tgt Ion: 93 Resp: 553104

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

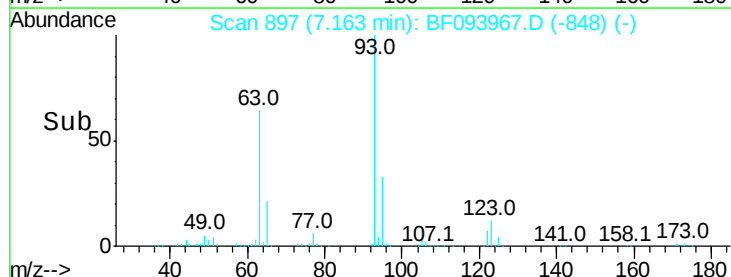
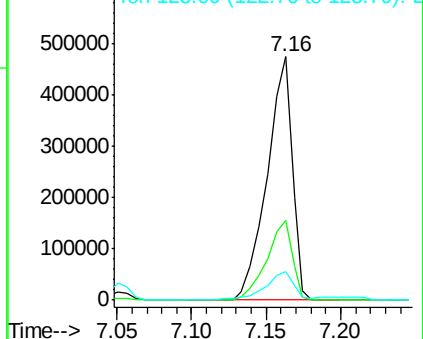
123 11.7 9.0 13.4

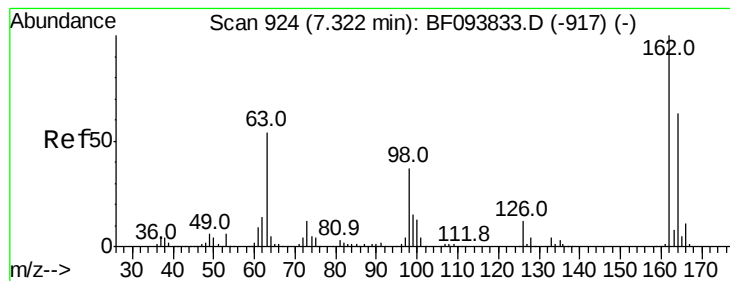


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.62 ng

RT: 7.28 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

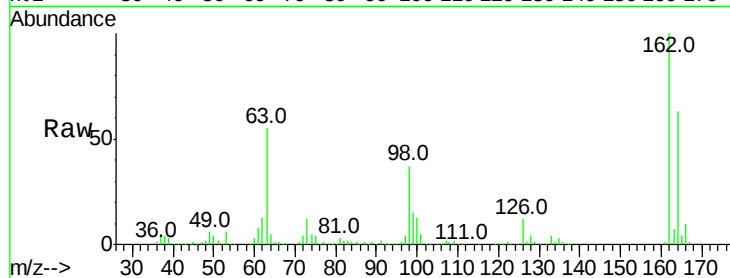
Tot Ion:162 Resp: 415151

Ion Ratio Lower Upper

162 100

164 62.7 44.6 84.6

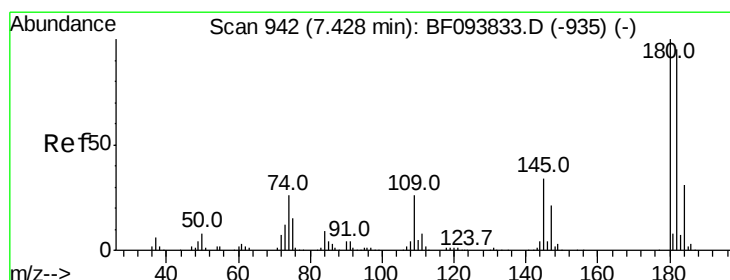
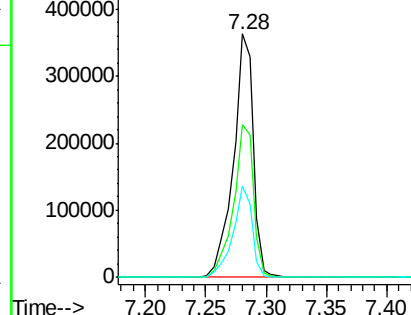
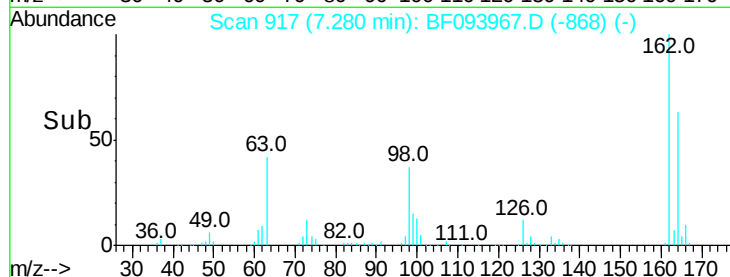
98 37.4 14.8 54.8



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: 44.67 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

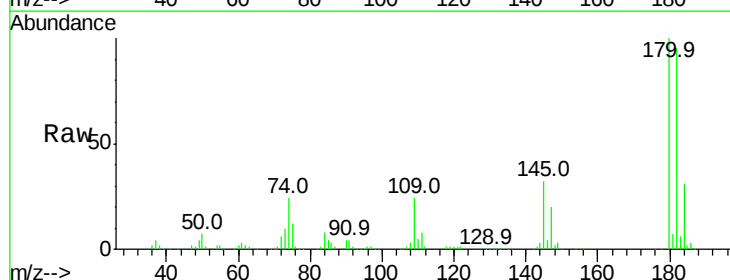
Tgt Ion:180 Resp: 392824

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

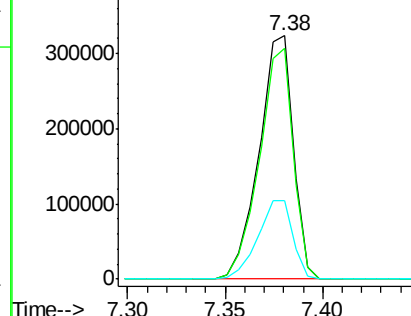
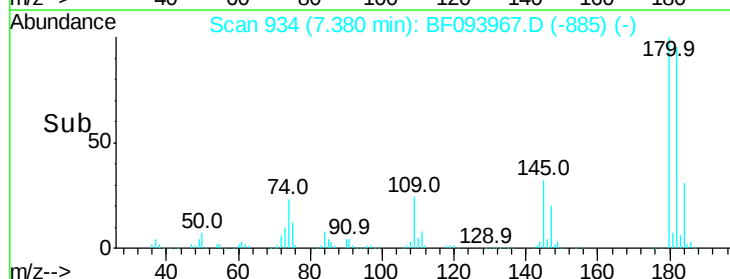
145 32.4 25.3 37.9

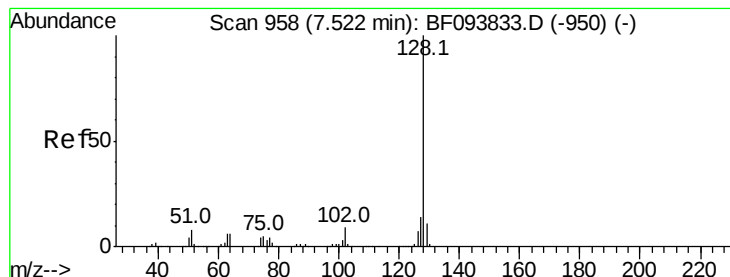


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 59.27 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

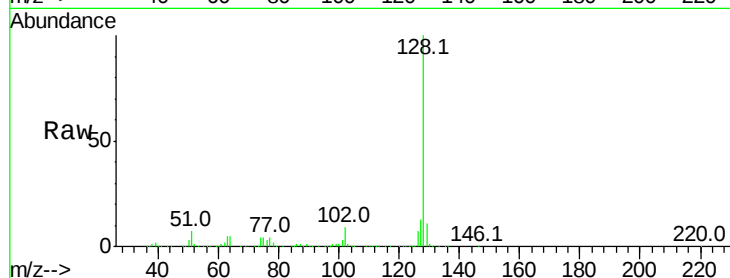
Tot Ion:128 Resp: 1832509

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

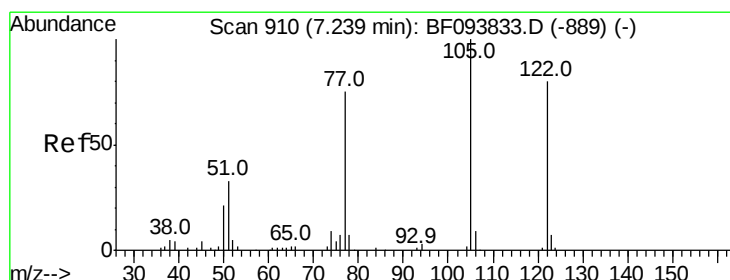
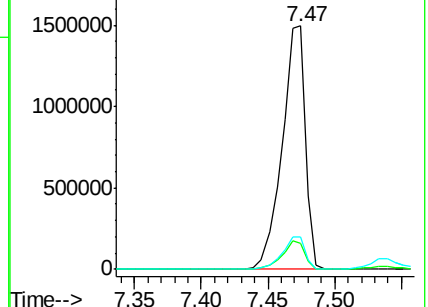
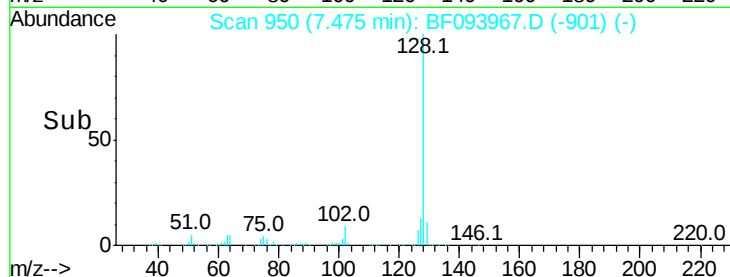
127 13.4 10.8 16.2



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: 50.39 ng

RT: 7.21 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

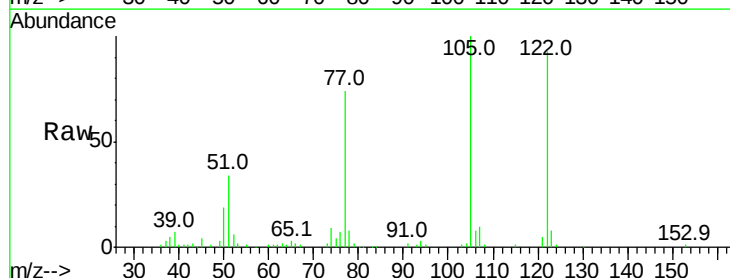
Tgt Ion:122 Resp: 306312

Ion Ratio Lower Upper

122 100

105 107.5 103.3 143.3

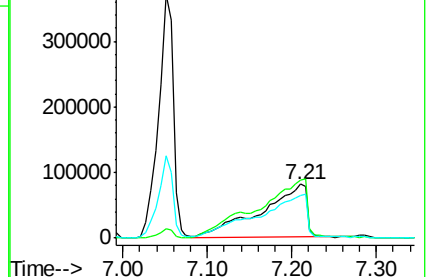
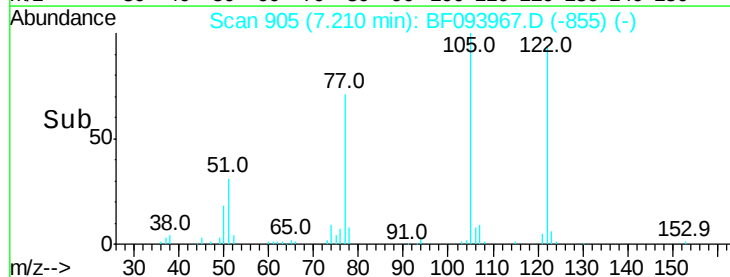
77 79.8 73.7 113.7



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: 8.94 ng

RT: 7.53 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:127 Resp: 112006

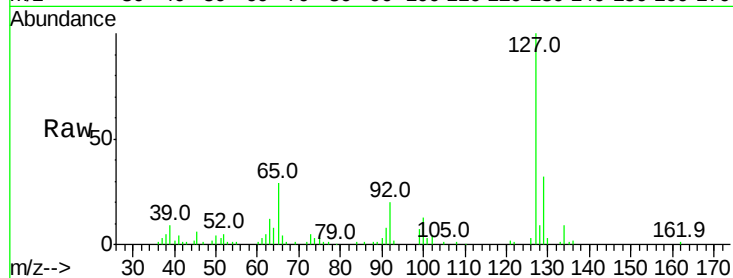
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.2

65 29.4 27.8 41.8

92 19.7 16.8 25.2

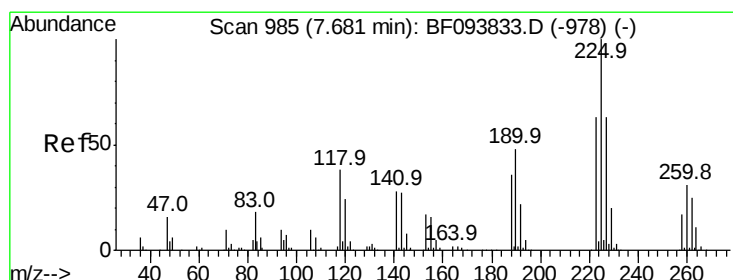
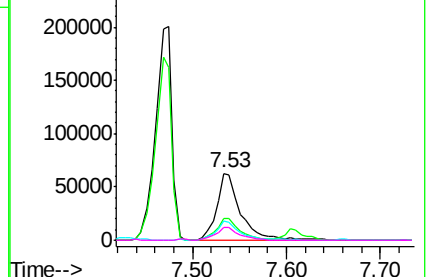
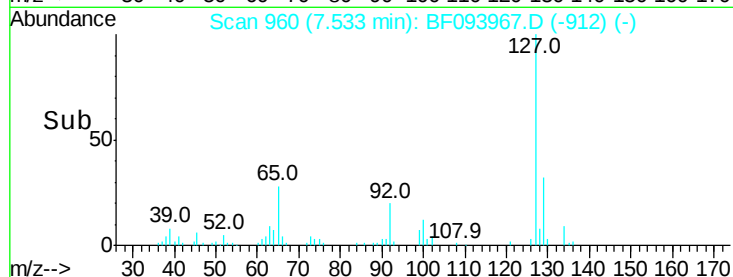


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.21 ng

RT: 7.63 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

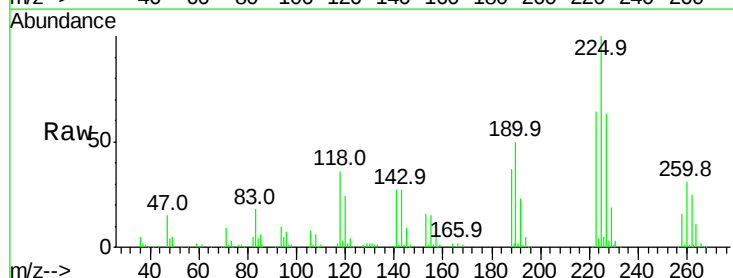
Tgt Ion:225 Resp: 194851

Ion Ratio Lower Upper

225 100

223 63.9 48.8 73.2

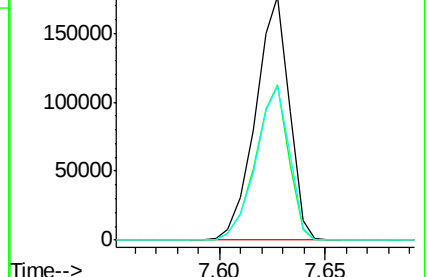
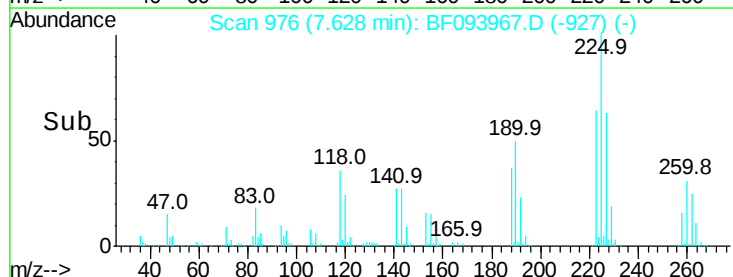
227 63.3 51.1 76.7

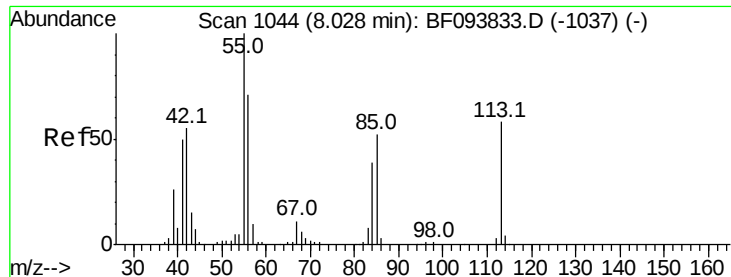


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

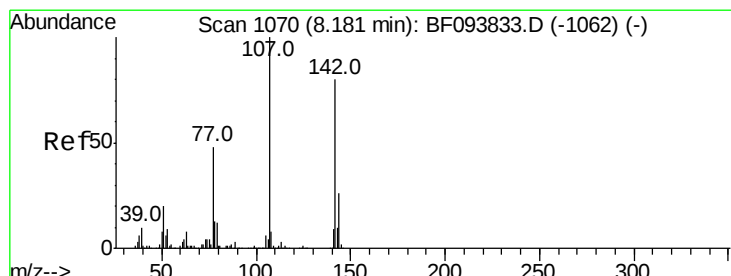
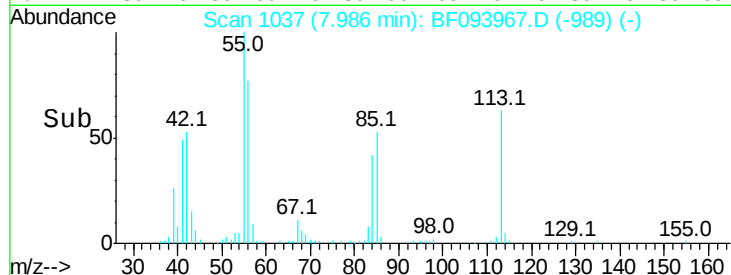
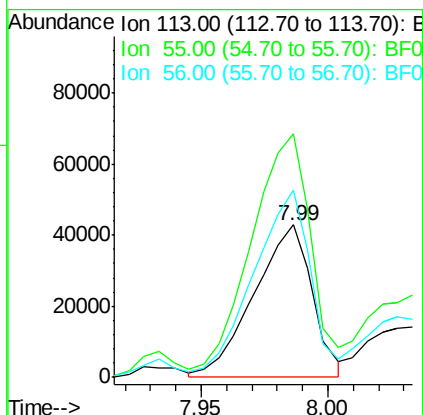
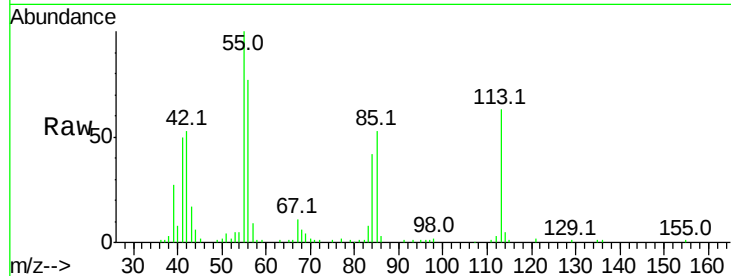




#35
 Caprolactam
 Concen: 25.22 ng
 RT: 7.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

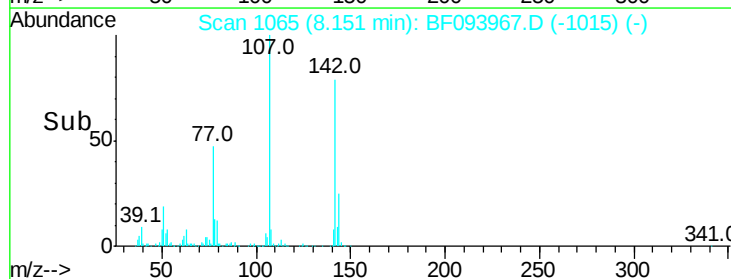
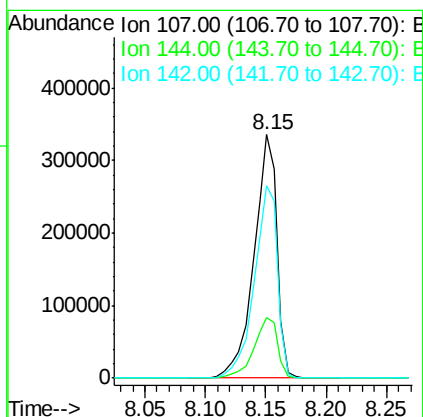
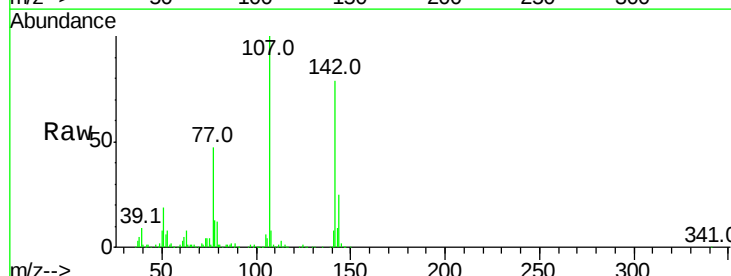
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

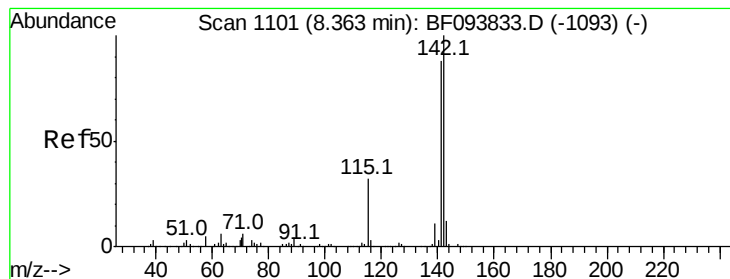
Tot Ion:113 Resp: 68667
 Ion Ratio Lower Upper
 113 100
 55 159.7 150.2 190.2
 56 122.5 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.68 ng
 RT: 8.15 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion:107 Resp: 443196
 Ion Ratio Lower Upper
 107 100
 144 24.9 24.2 36.4
 142 79.3 73.4 110.0





#37

2-Methylnaphthalene

Concen: 51.19 ng

RT: 8.32 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

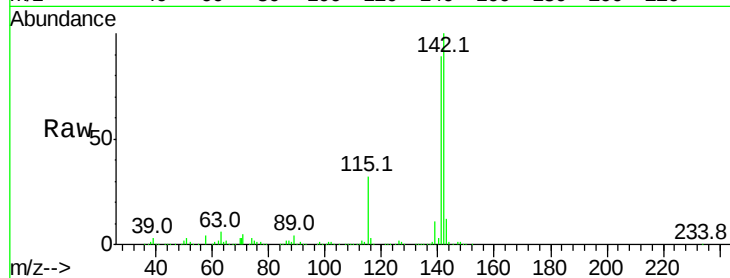
Tot Ion:142 Resp: 1055192

Ion Ratio Lower Upper

142 100

141 89.4 71.3 106.9

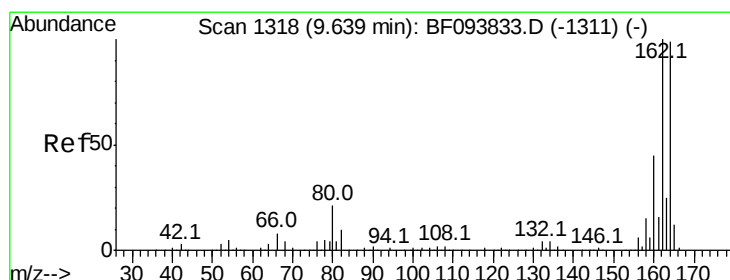
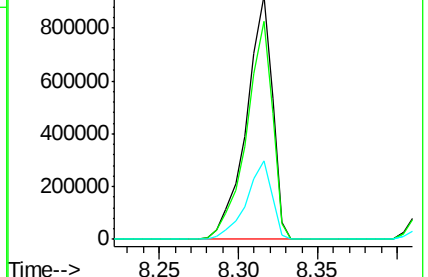
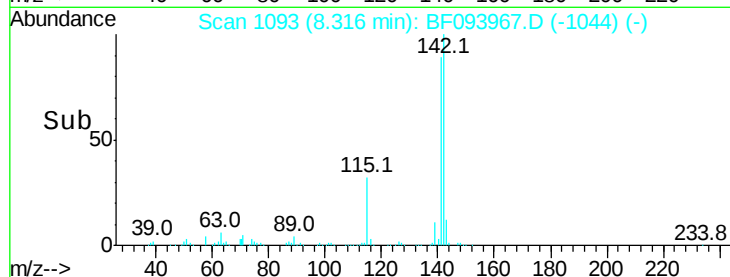
115 32.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

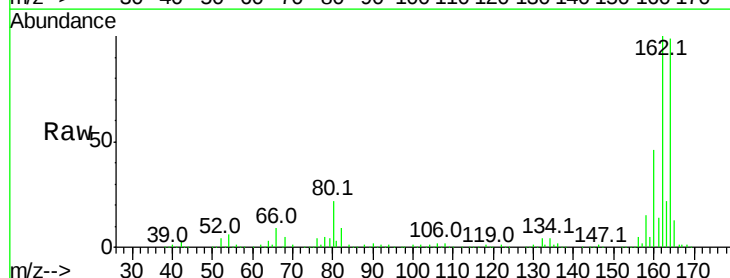
Tgt Ion:164 Resp: 301775

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

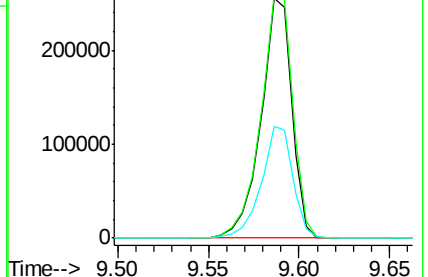
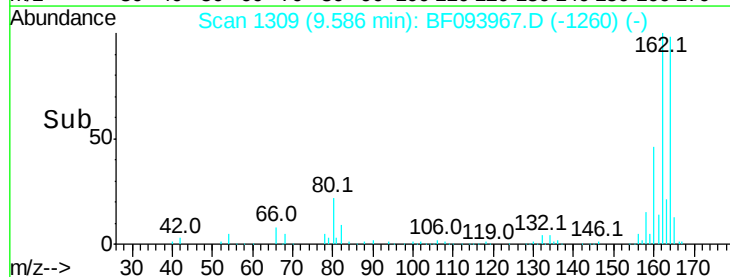
160 46.7 36.2 54.2

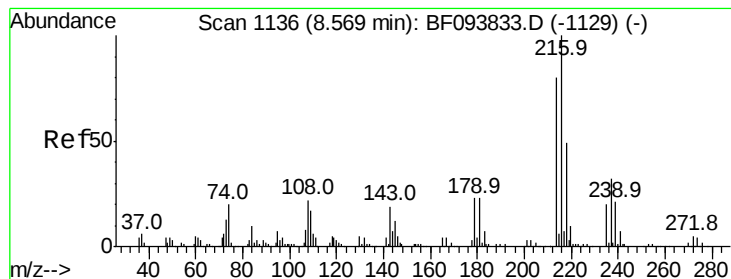


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.43 ng

RT: 8.52 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:216 Resp: 342021

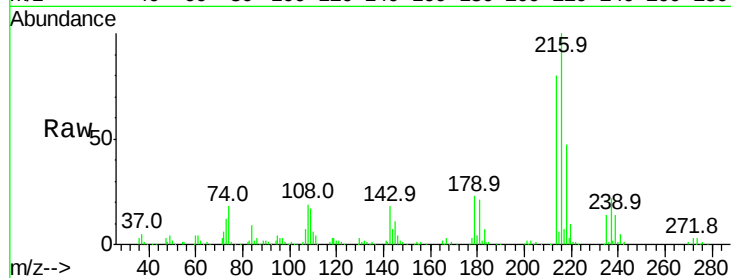
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.4 17.9 26.9

108 22.1 16.5 24.7

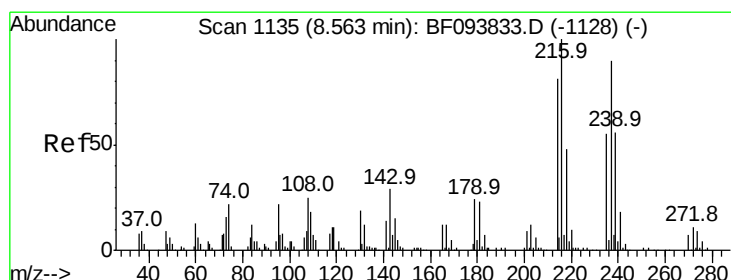
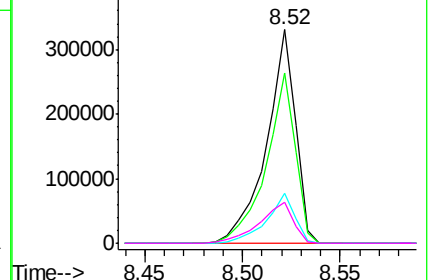
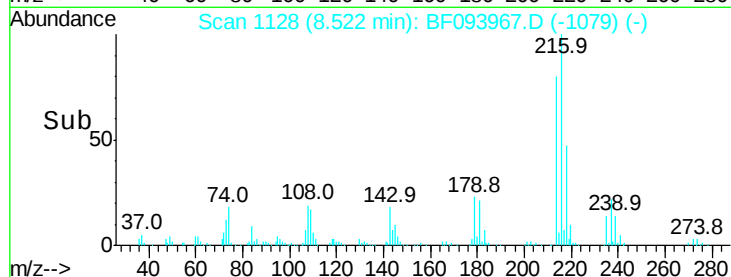


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.69 ng

RT: 8.51 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

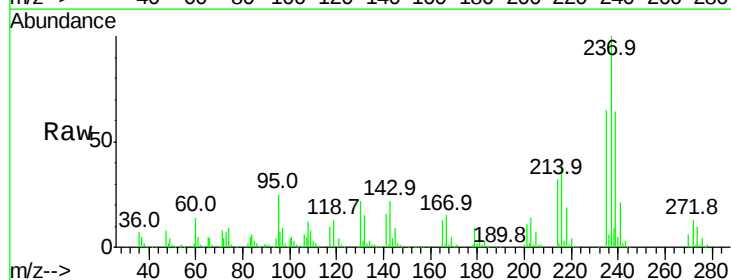
Tgt Ion:237 Resp: 331048

Ion Ratio Lower Upper

237 100

235 64.8 42.6 82.6

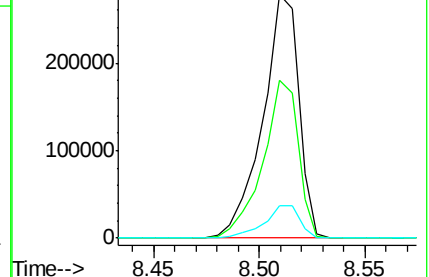
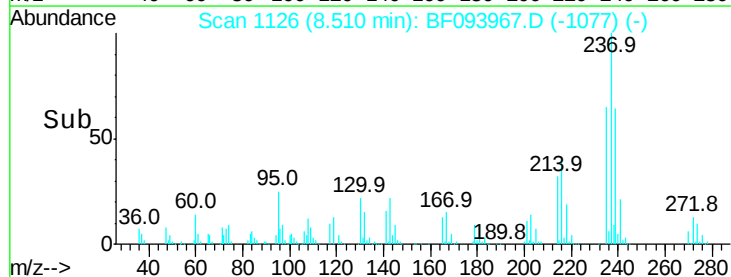
272 13.4 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

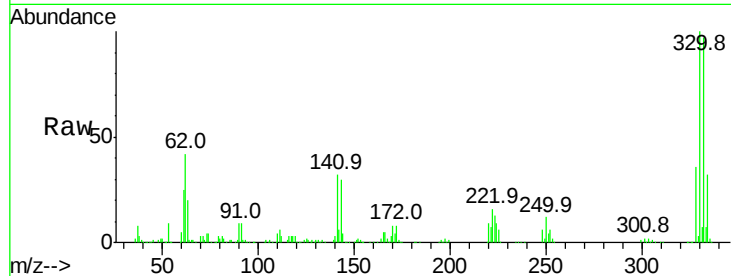




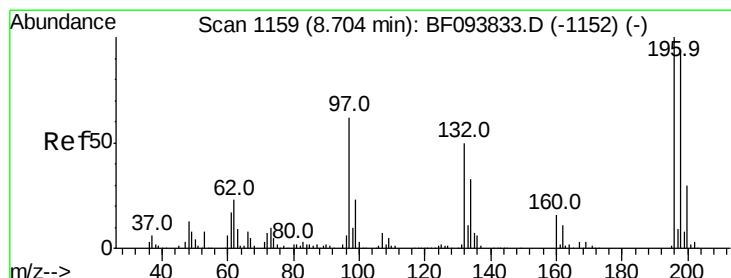
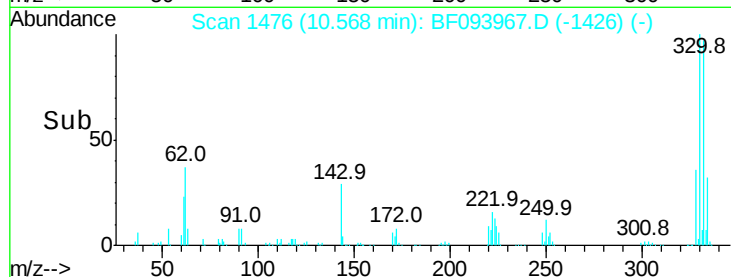
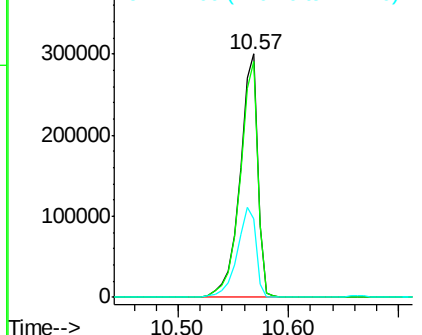
#41
 2,4,6-Tribromophenol
 Concen: 143.31 ng
 RT: 10.57 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion:330 Resp: 341749
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 39.2 31.4 47.2

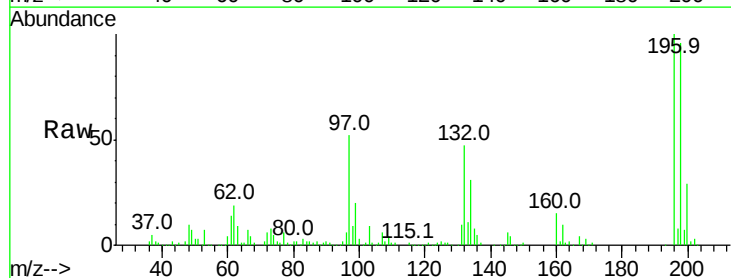


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

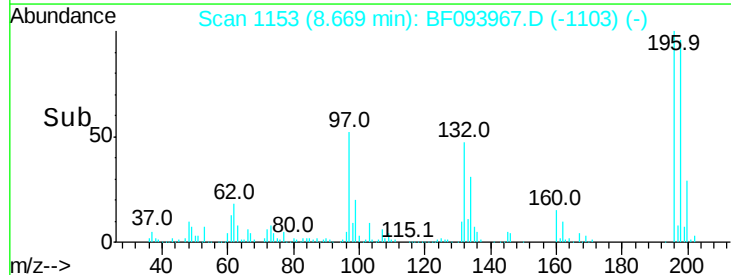
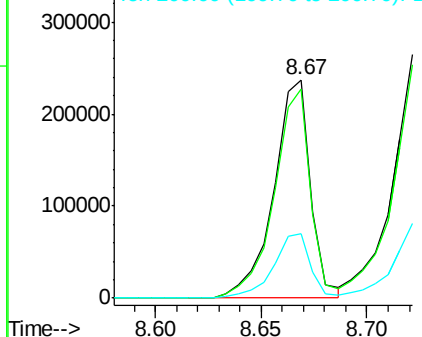


#42
 2,4,6-Trichlorophenol
 Concen: 49.17 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion:196 Resp: 287174
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.2 111.4
 200 29.4 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

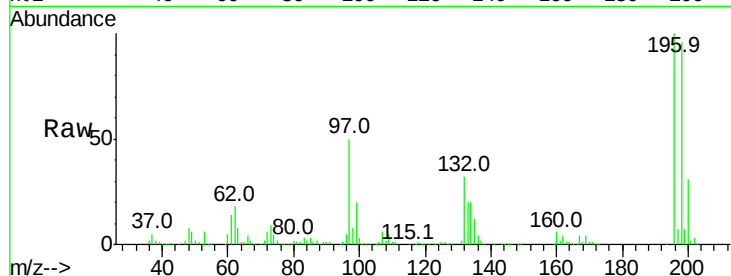




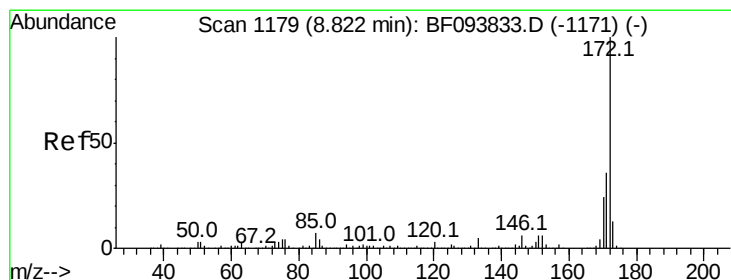
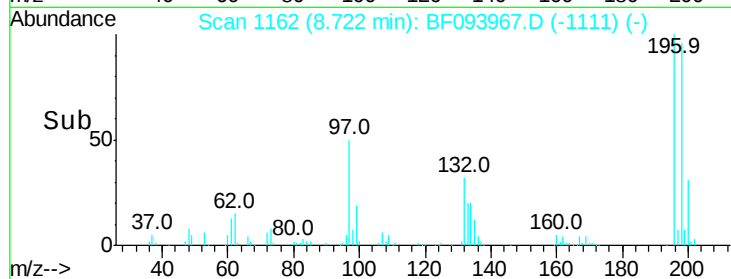
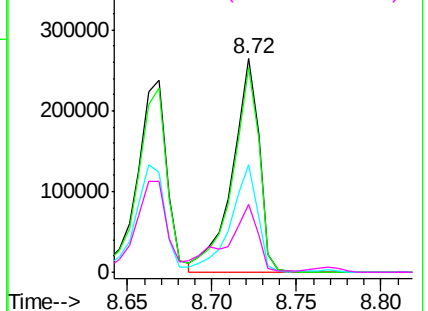
#43
 2,4,5-Trichlorophenol
 Concen: 46.11 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion:	196	Resp:	291396
Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.7	113.5
97	50.2	47.7	71.5
132	31.8	28.0	42.0

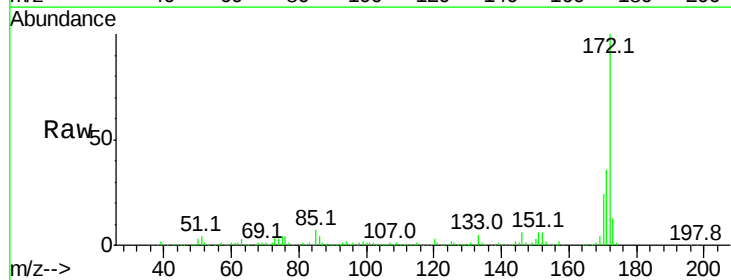


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

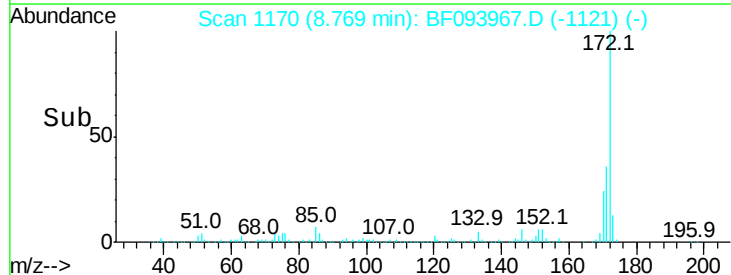
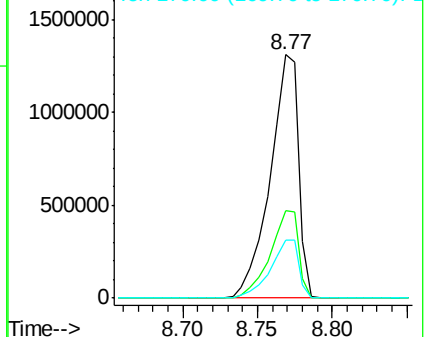


#44
 2-Fluorobiphenyl
 Concen: 87.68 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion:	172	Resp:	1734815
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.9	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

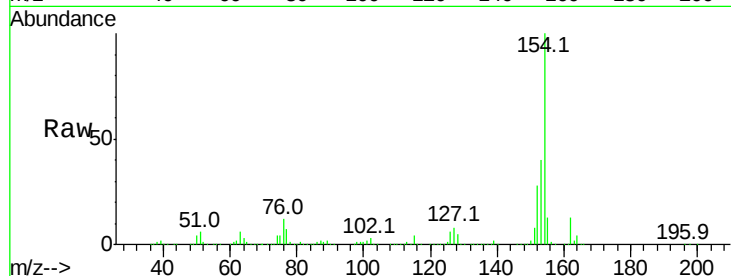




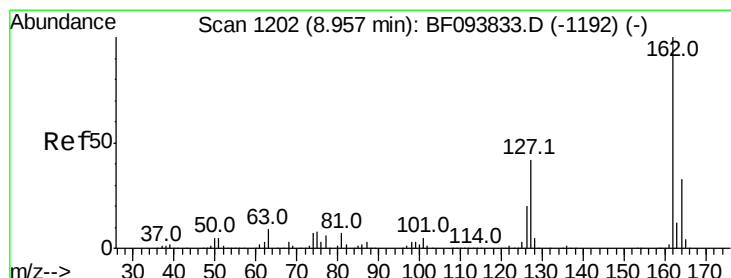
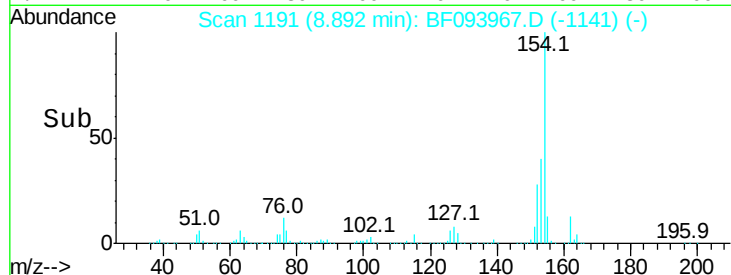
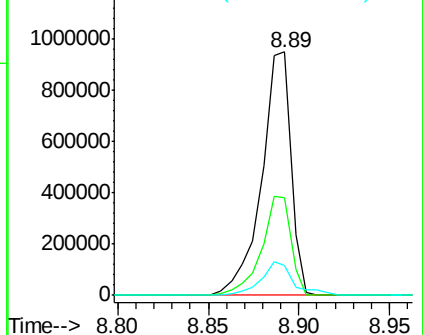
#45
 1,1'-Biphenyl
 Concen: 44.24 ng
 RT: 8.89 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion:154 Resp: 1076925
 Ion Ratio Lower Upper
 154 100
 153 40.1 21.2 61.2
 76 12.4 0.0 29.9

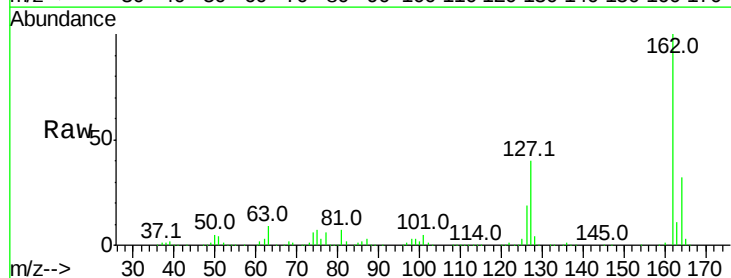


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

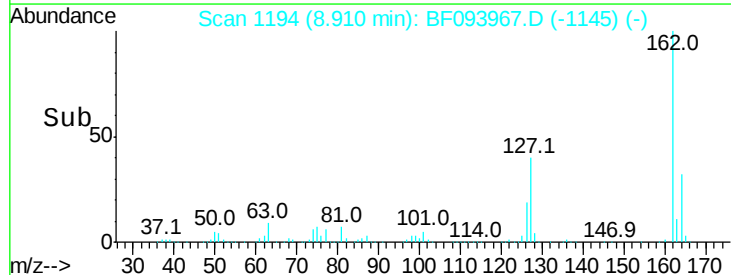
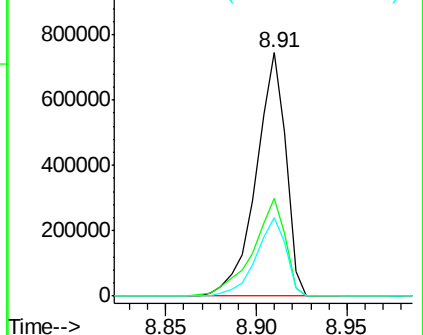


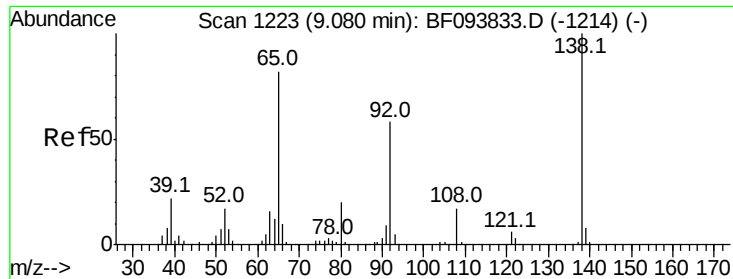
#46
 2-Chloronaphthalene
 Concen: 44.65 ng
 RT: 8.91 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion:162 Resp: 850779
 Ion Ratio Lower Upper
 162 100
 127 40.2 28.3 42.5
 164 32.5 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

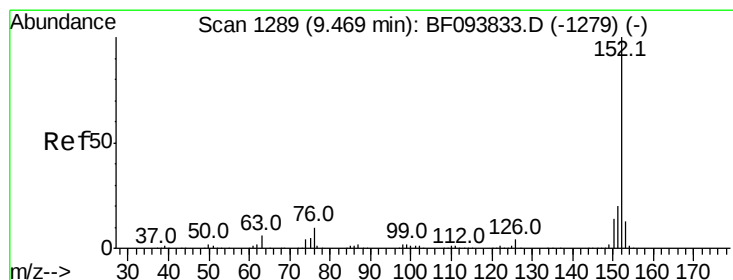
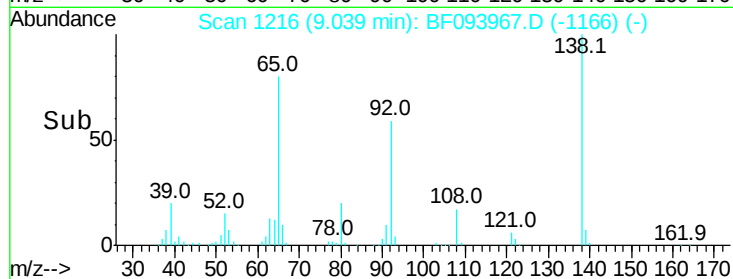
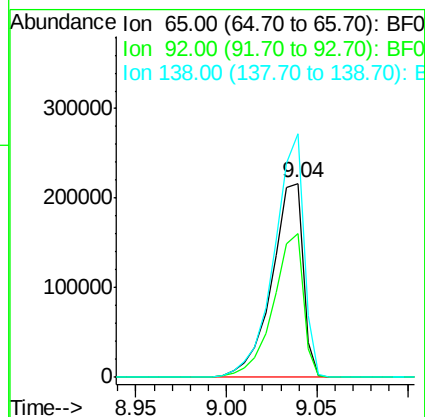
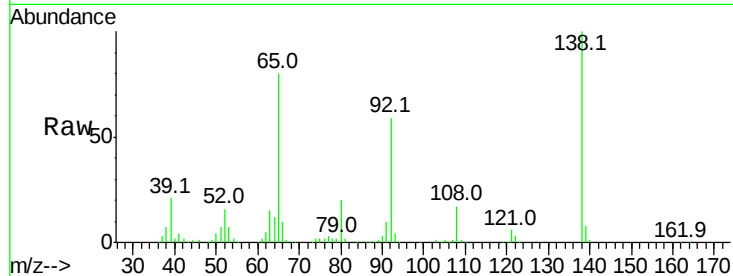




#47
2-Nitroaniline
Concen: 46.00 ng
RT: 9.04 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

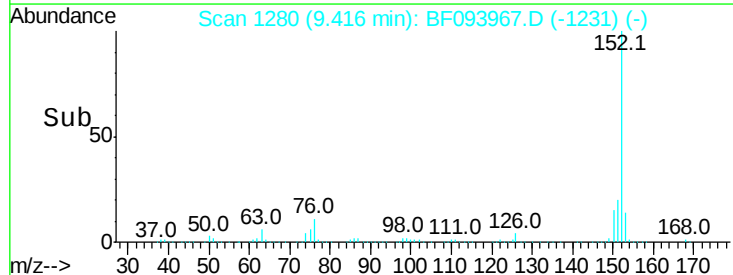
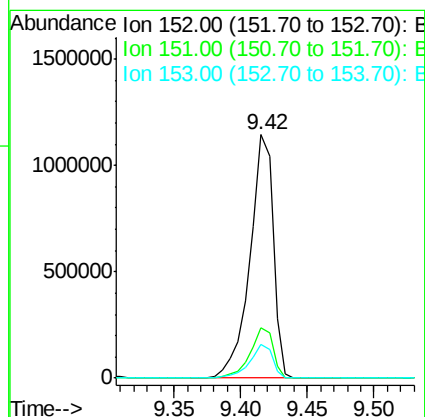
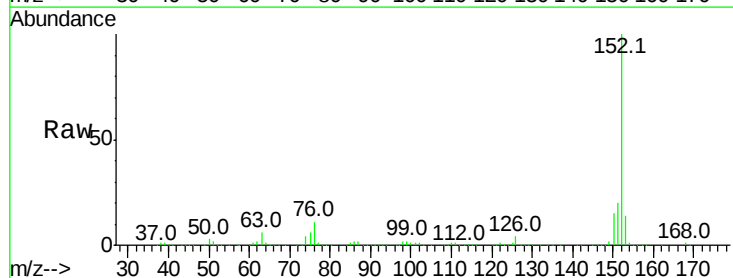
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

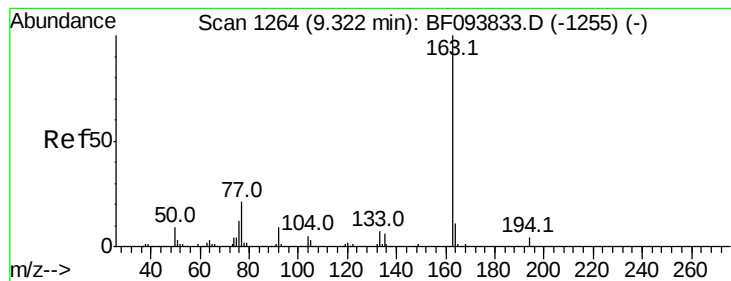
Tot Ion: 65 Resp: 259997
Ion Ratio Lower Upper
65 100
92 74.2 53.9 80.9
138 125.3 78.8 118.2#



#48
Acenaphthylene
Concen: 43.19 ng
RT: 9.42 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion:152 Resp: 1367793
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.7 10.8 16.2





#49

Dimethylphthalate

Concen: 47.73 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

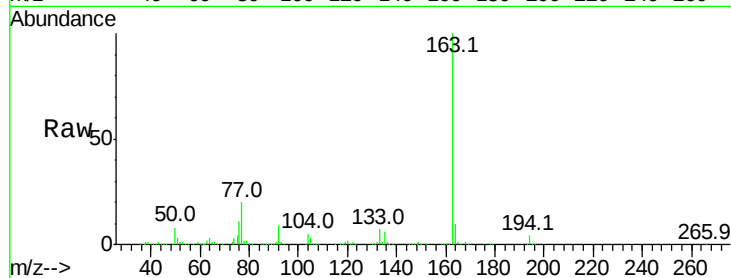
Tot Ion:163 Resp: 1023939

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

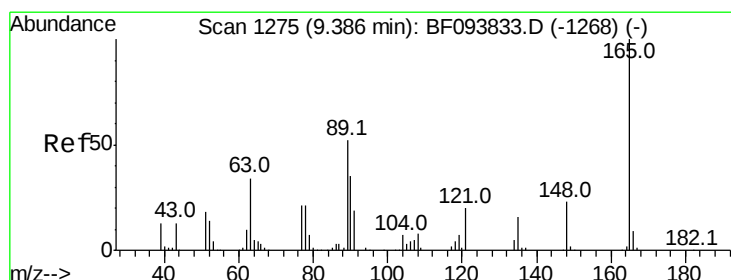
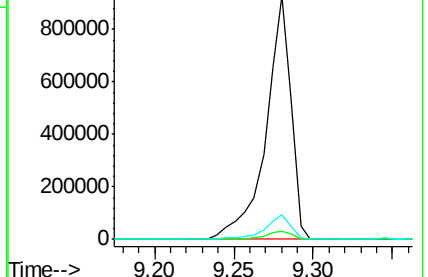
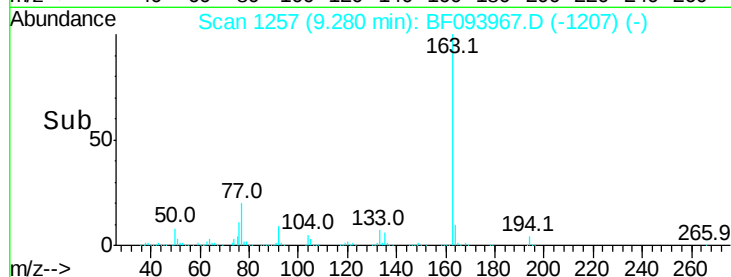
164 10.2 8.4 12.6



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: 47.82 ng

RT: 9.35 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

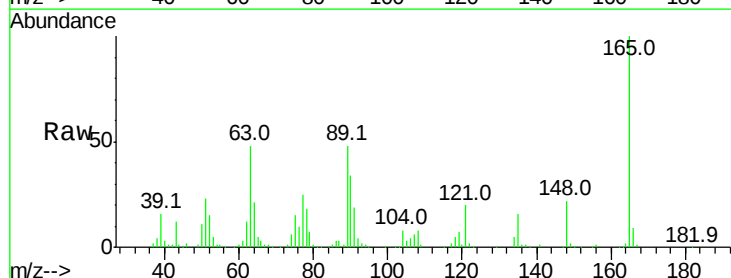
Tgt Ion:165 Resp: 235137

Ion Ratio Lower Upper

165 100

63 47.9 34.3 51.5

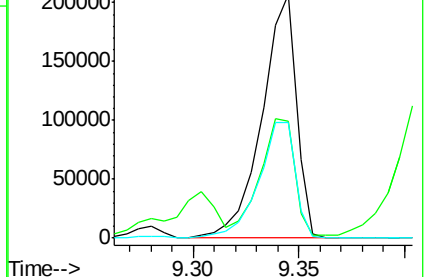
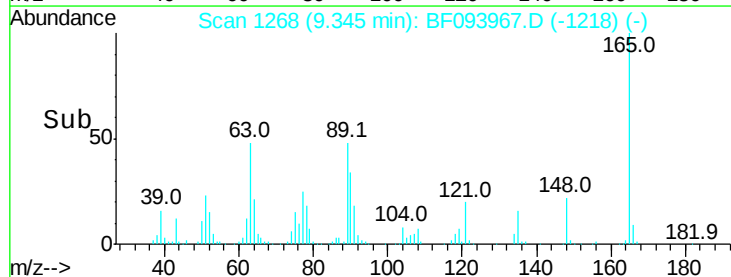
89 47.7 37.1 55.7



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: 44.40 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

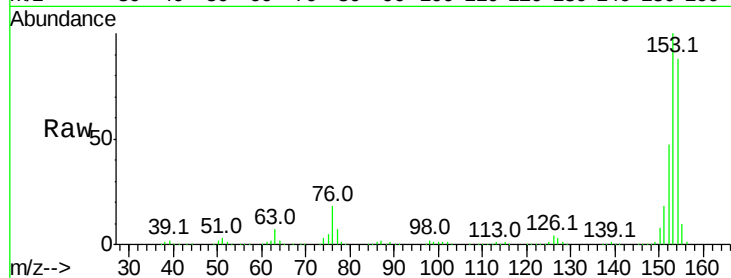
Tot Ion:154 Resp: 820414

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

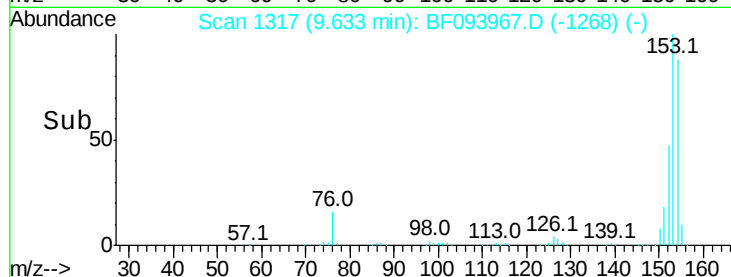
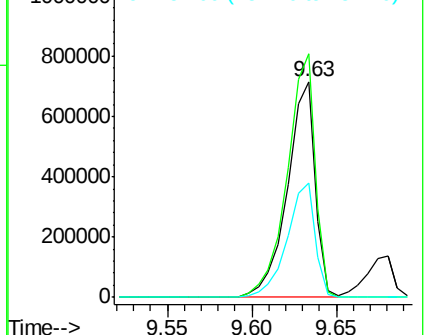
152 53.2 43.6 65.4



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: 13.32 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

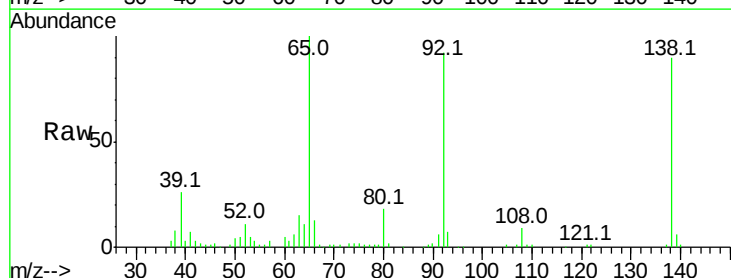
Tgt Ion:138 Resp: 76910

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

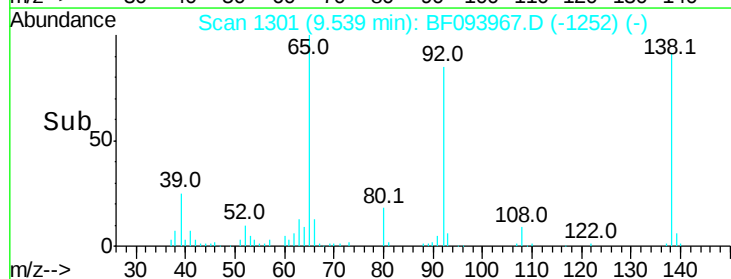
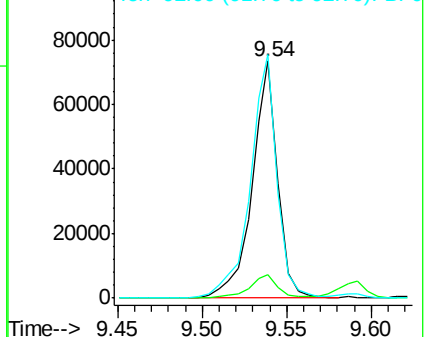
92 102.7 93.8 140.6



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

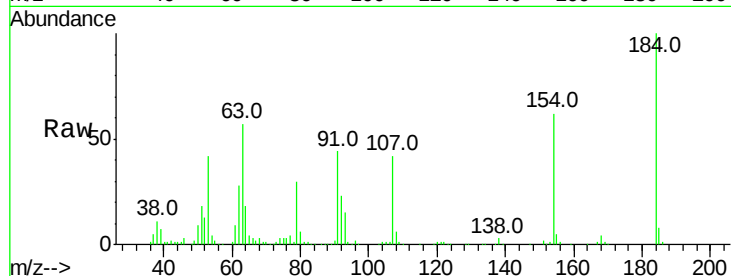




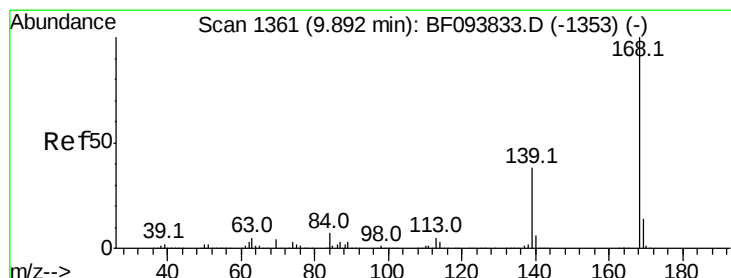
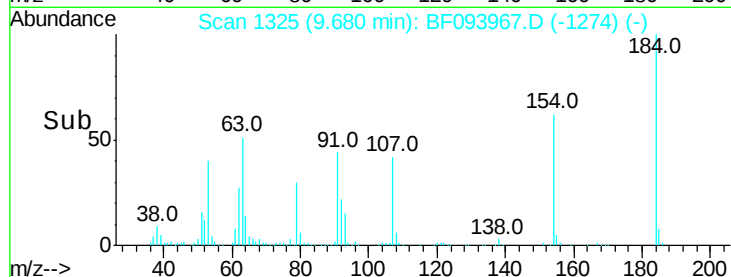
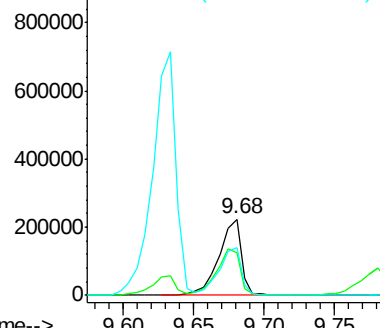
#53
 2,4-Dinitrophenol
 Concen: 94.91 ng
 RT: 9.68 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion:184 Resp: 252185
 Ion Ratio Lower Upper
 184 100
 63 56.7 62.7 94.1#
 154 62.1 81.1 121.7#

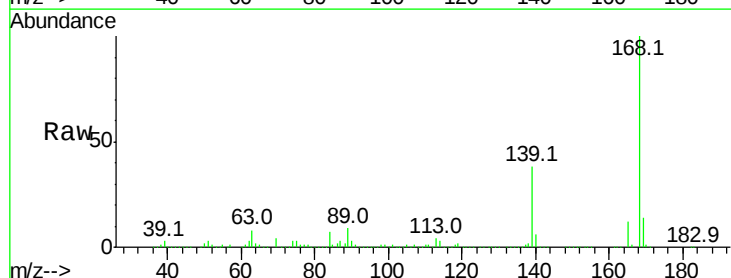


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

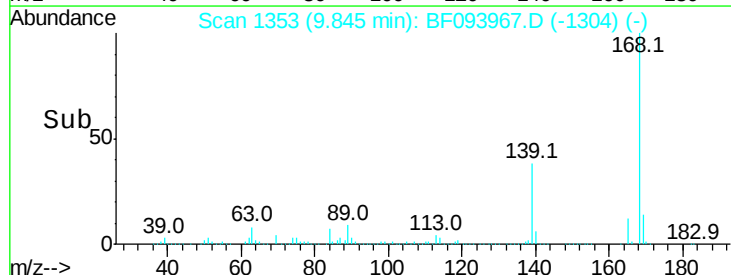
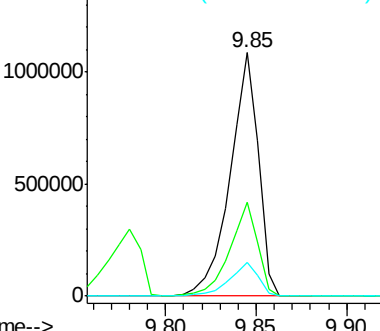


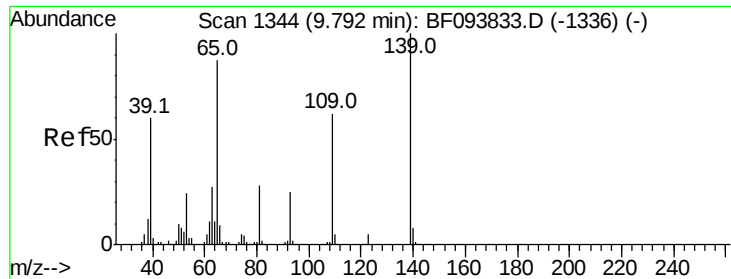
#54
 Dibenzofuran
 Concen: 46.87 ng
 RT: 9.85 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion:168 Resp: 1178979
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.6 45.8
 169 13.9 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: 84.08 ng

RT: 9.78 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

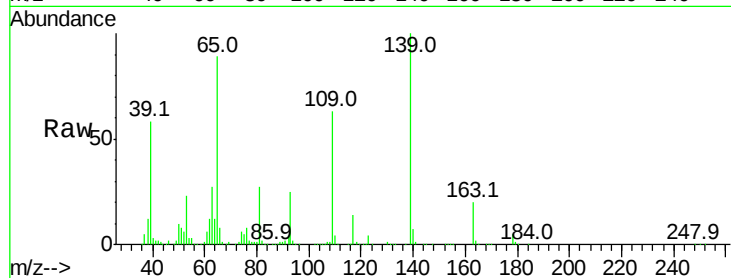
Tot Ion:139 Resp: 380227

Ion Ratio Lower Upper

139 100

109 63.3 34.1 74.1

65 88.5 31.4 71.4#

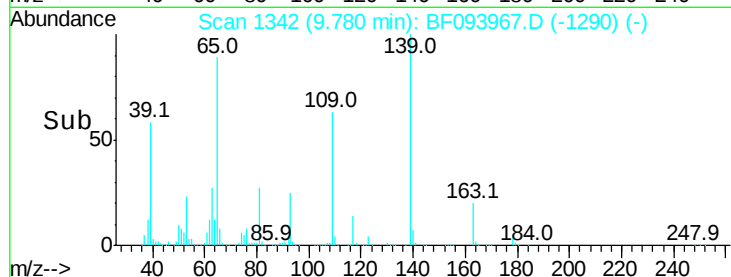


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



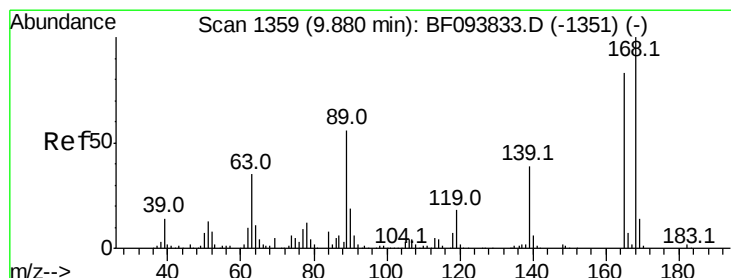
Abundance

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

Time-->



#56

2,4-Dinitrotoluene

Concen: 47.02 ng

RT: 9.84 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Tgt Ion:165 Resp: 290445

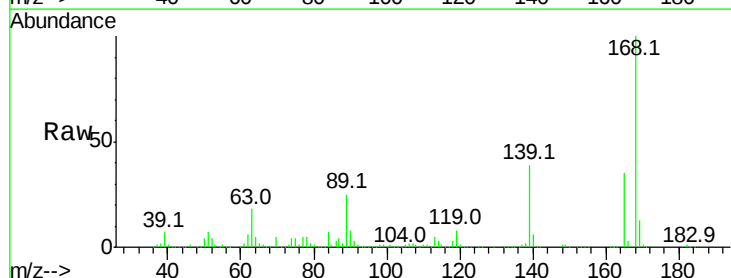
Ion Ratio Lower Upper

165 100

63 53.2 25.4 38.0#

89 73.6 46.4 69.6#

182 2.4 1.8 2.6



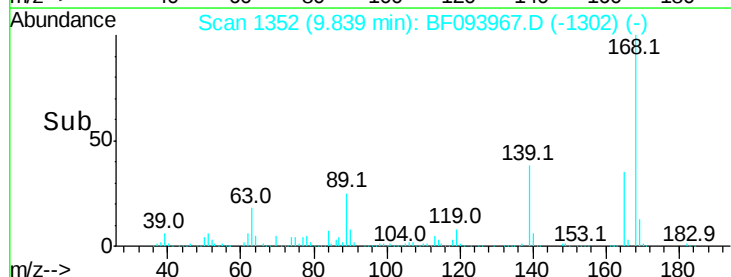
Abundance Ion 165.00 (164.70 to 165.70): E

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

Time-->



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

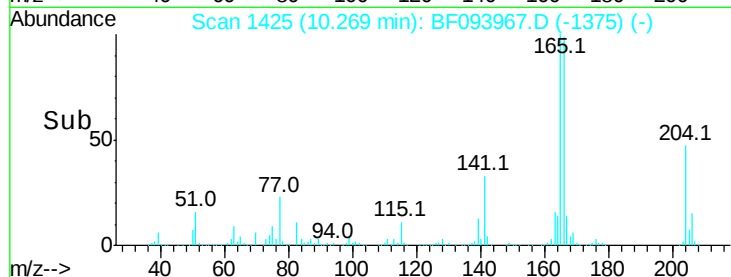
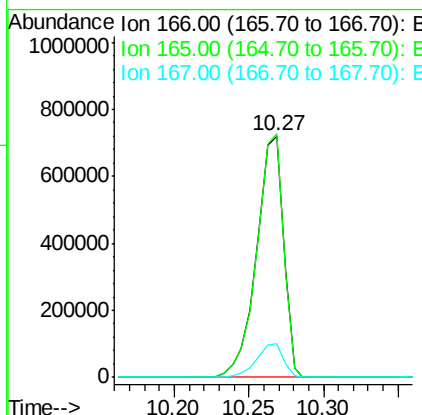
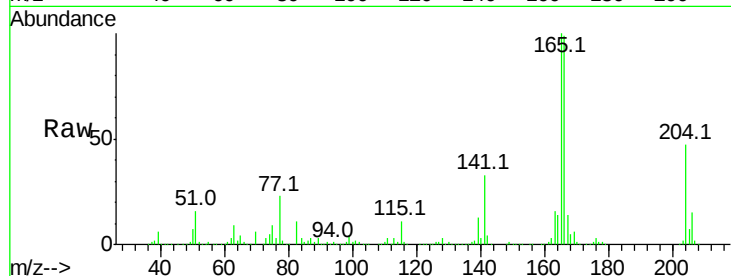
Time-->



#57
Fluorene
 Concen: 42.98 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

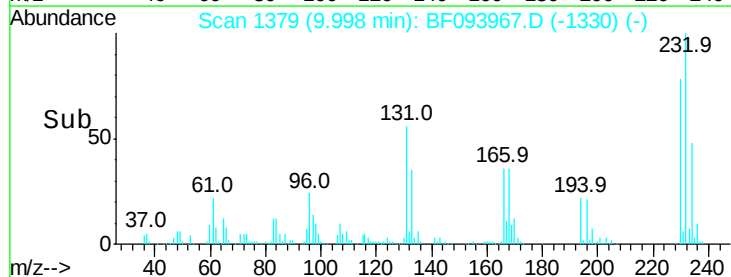
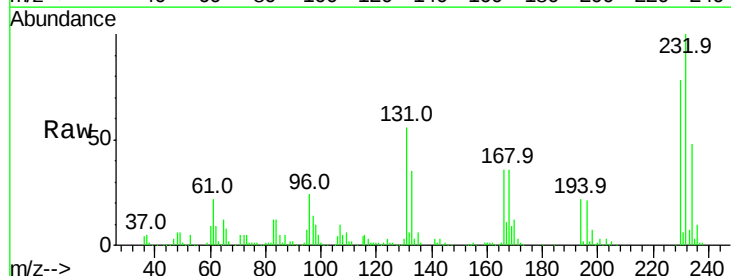
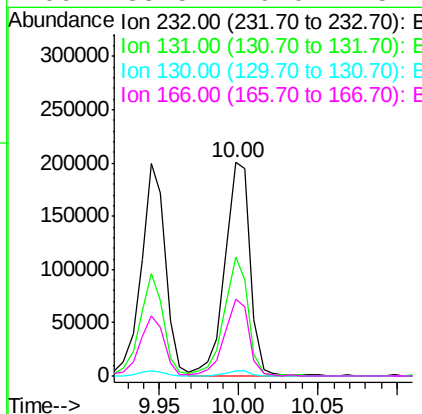
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

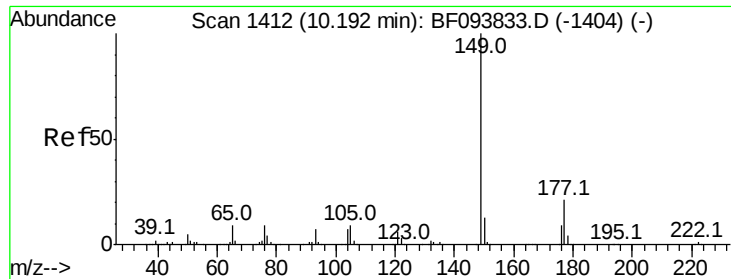
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.8	118.2
167	14.0	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.81 ng
 RT: 10.00 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
232	100		
231	53.5	44.8	67.2
130	2.5	2.3	3.5
166	35.5	29.0	43.4

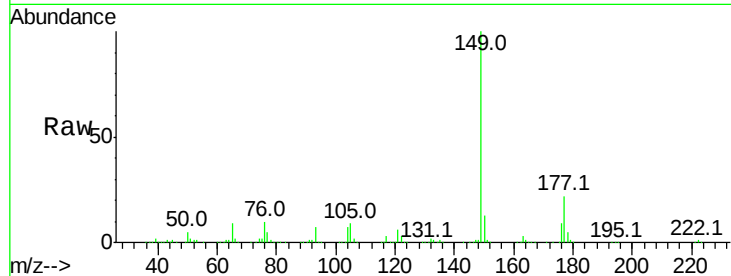




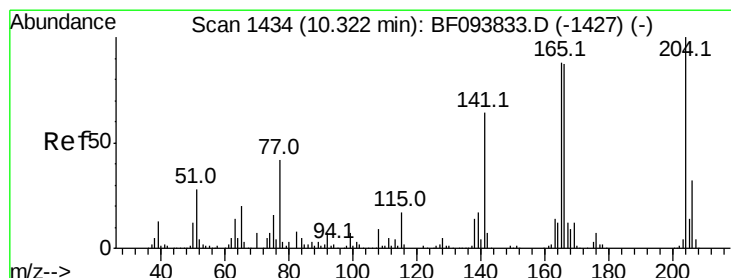
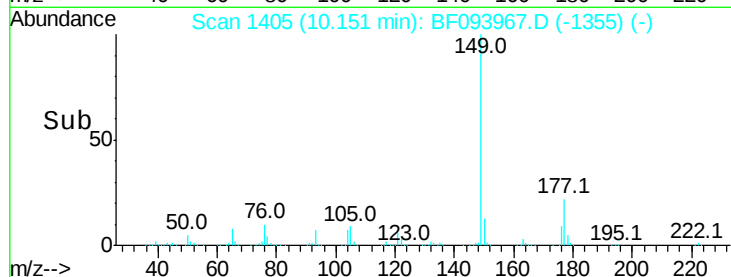
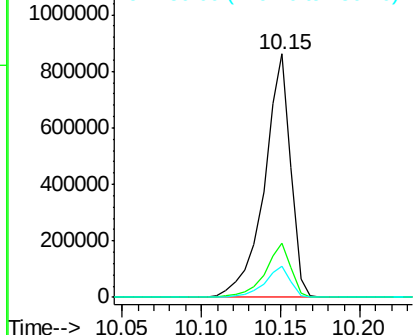
#59
Diethylphthalate
Concen: 46.82 ng
RT: 10.15 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion:149 Resp: 992644
Ion Ratio Lower Upper
149 100
177 22.2 16.7 25.1
150 12.6 10.2 15.2

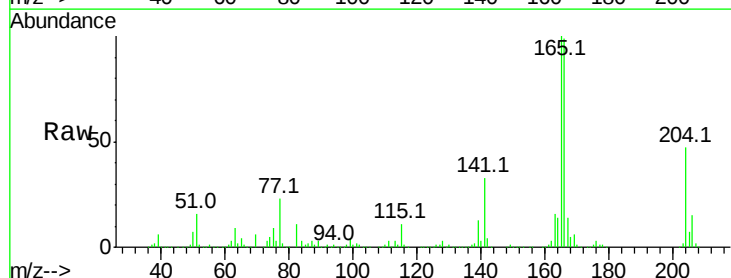


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

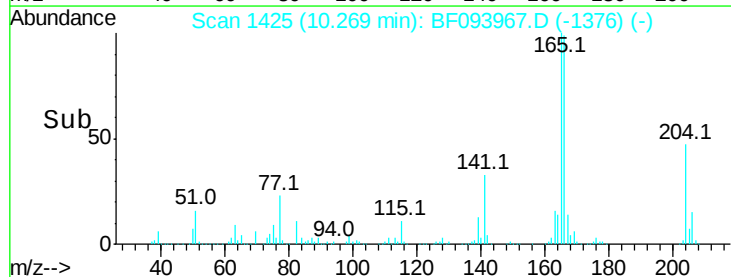
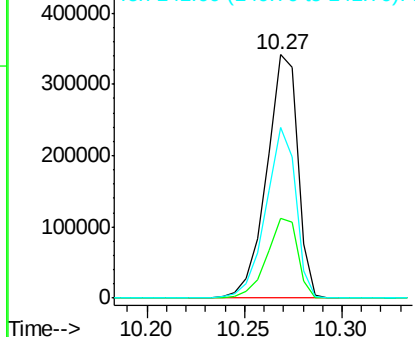


#60
4-Chlorophenyl-phenylether
Concen: 42.55 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion:204 Resp: 378064
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 70.0 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

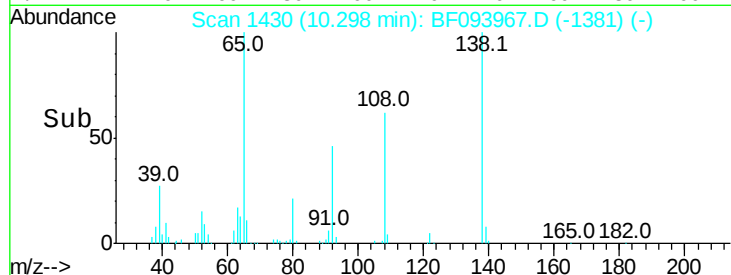
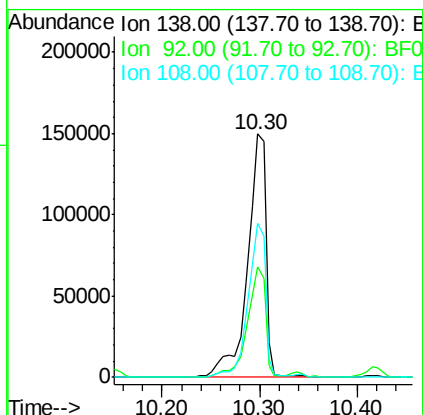
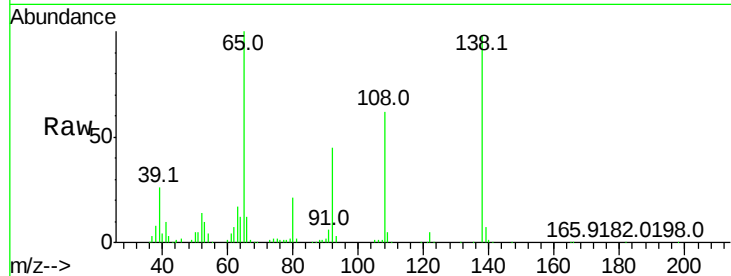




#61
4-Nitroaniline
Concen: 36.08 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

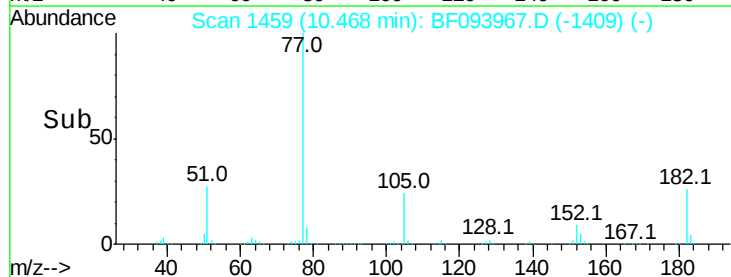
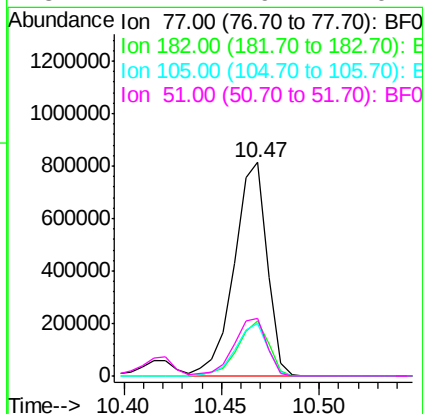
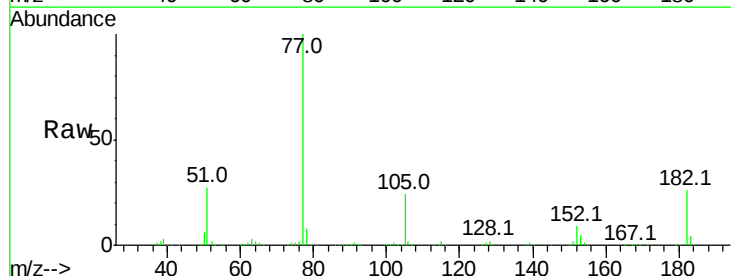
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion:138 Resp: 199928
Ion Ratio Lower Upper
138 100
92 45.6 21.8 61.8
108 63.4 42.3 82.3



#62
Azobenzene
Concen: 47.18 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion: 77 Resp: 946338
Ion Ratio Lower Upper
77 100
182 25.7 0.1 40.1
105 24.3 3.6 43.6
51 27.2 9.4 49.4

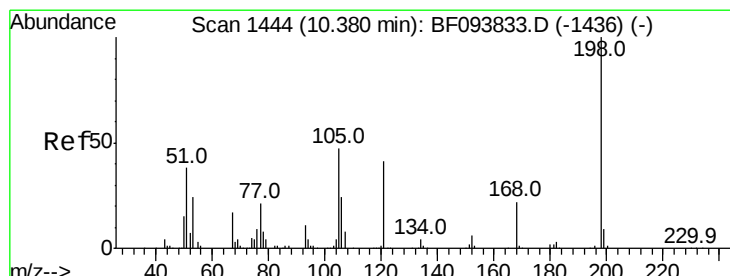
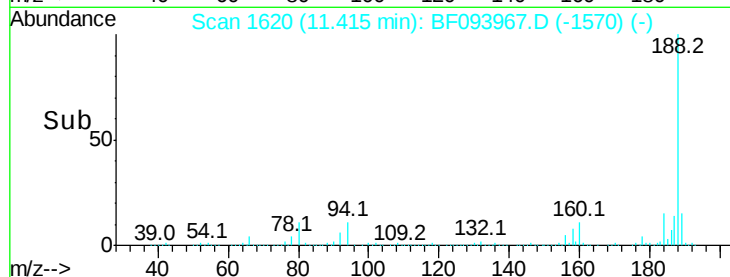
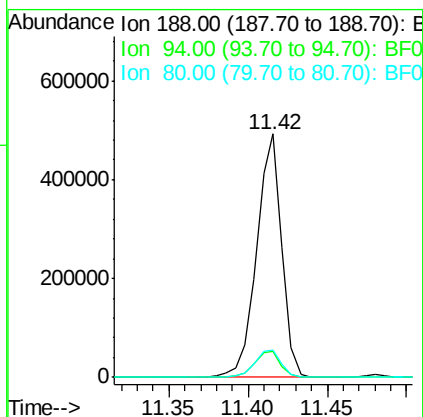
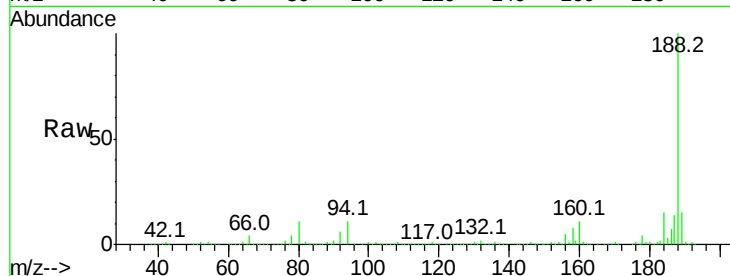




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

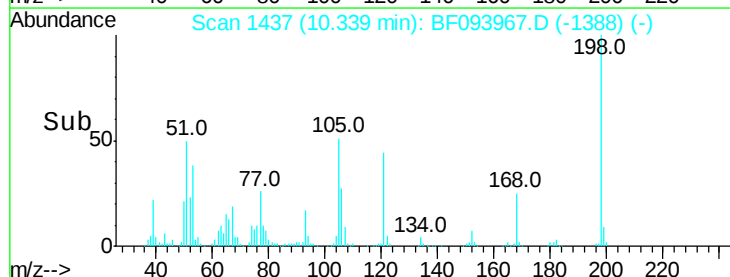
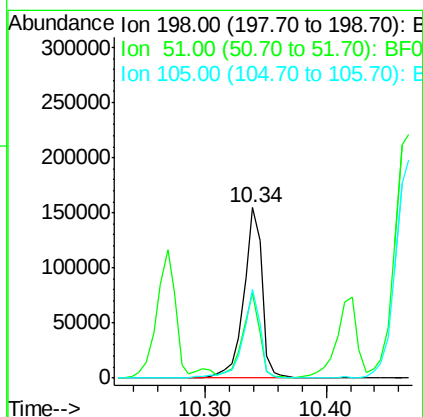
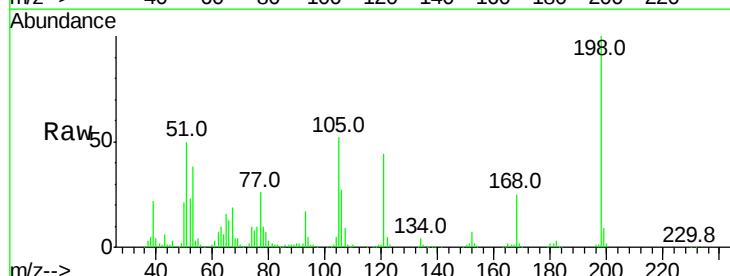
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

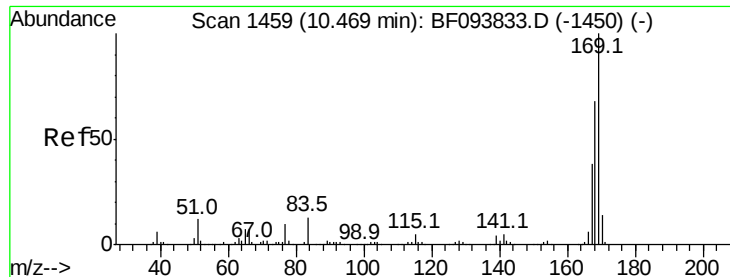
Tot Ion:188 Resp: 541572
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 49.87 ng
RT: 10.34 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion:198 Resp: 165396
Ion Ratio Lower Upper
198 100
51 49.6 53.2 93.2#
105 51.7 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 34.96 ng

RT: 10.42 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

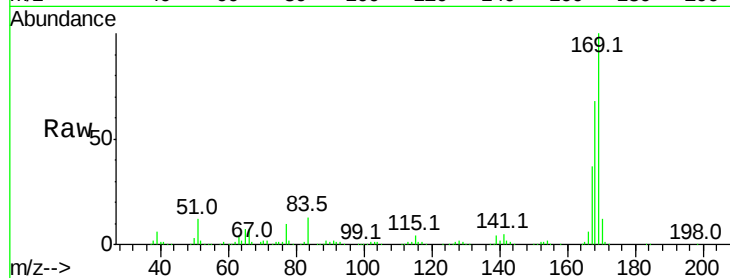
Tot Ion:169 Resp: 654700

Ion Ratio Lower Upper

169 100

168 68.1 53.2 79.8

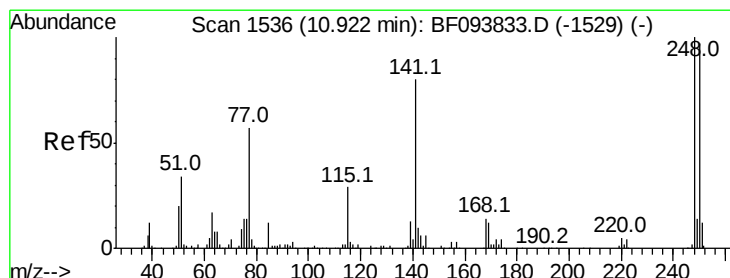
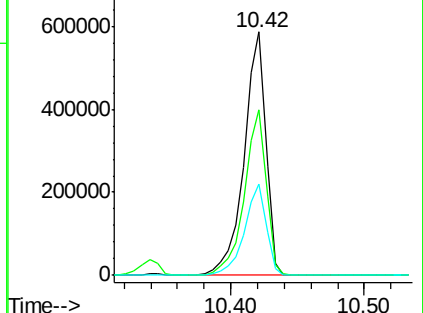
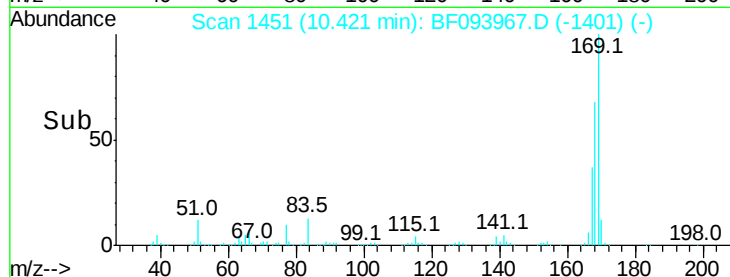
167 37.4 29.5 44.3



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: 45.72 ng

RT: 10.87 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

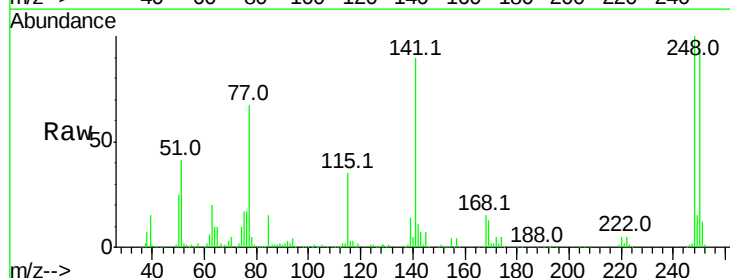
Tgt Ion:248 Resp: 243506

Ion Ratio Lower Upper

248 100

250 94.3 76.8 115.2

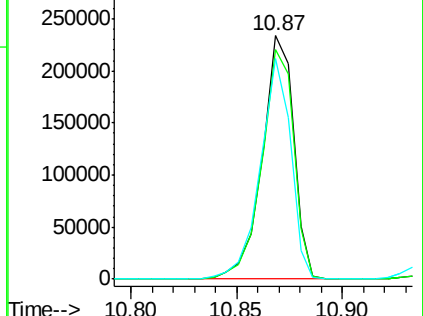
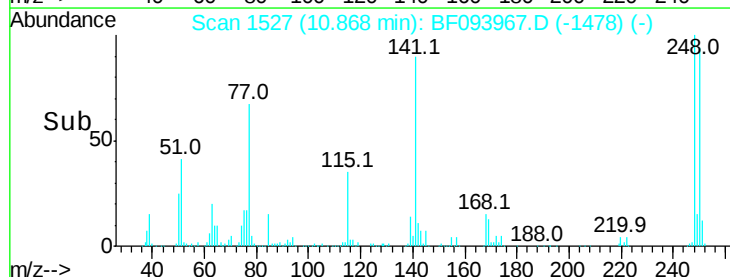
141 90.5 68.6 103.0



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: 46.03 ng

RT: 10.94 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

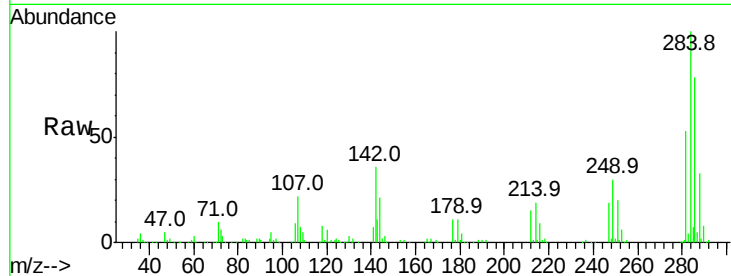
Tot Ion:284 Resp: 248214

Ion Ratio Lower Upper

284 100

142 36.0 22.8 34.2#

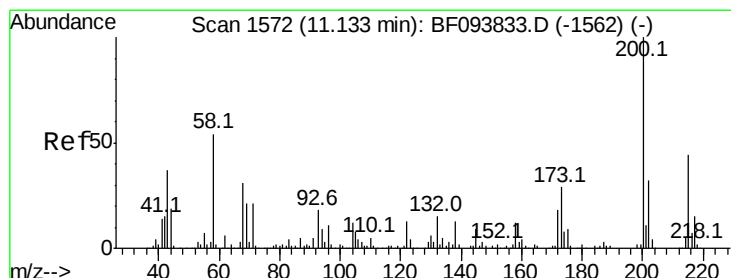
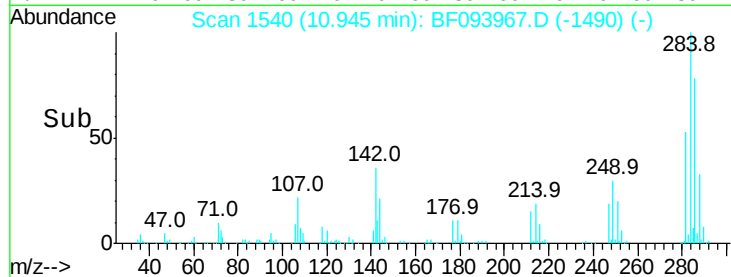
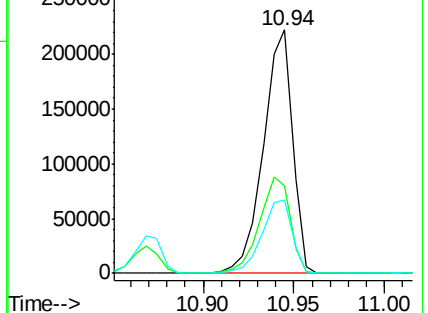
249 30.3 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 13.91 ng

RT: 11.09 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

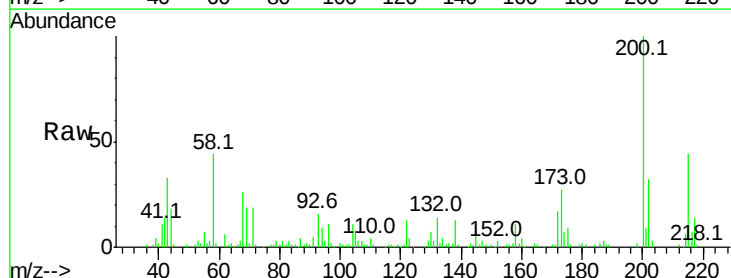
Tgt Ion:200 Resp: 78029

Ion Ratio Lower Upper

200 100

173 27.1 6.3 46.3

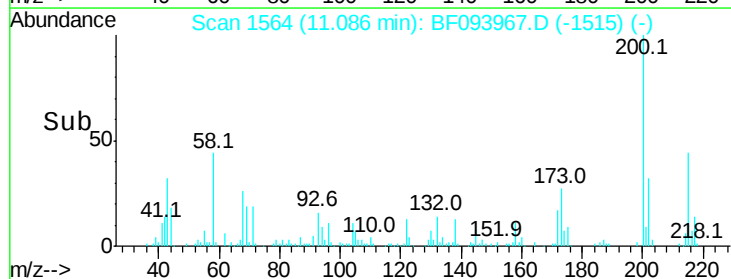
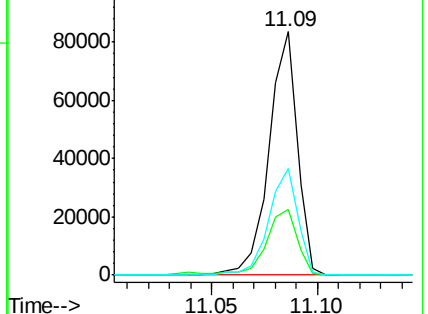
215 43.6 27.2 67.2

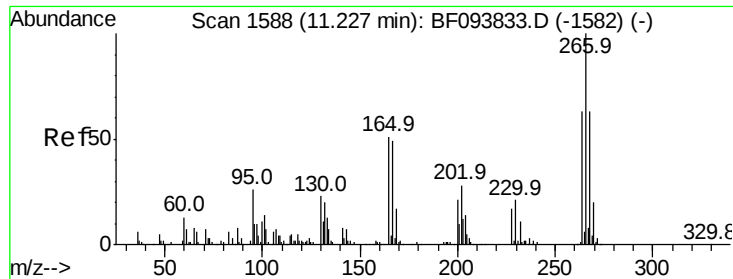


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

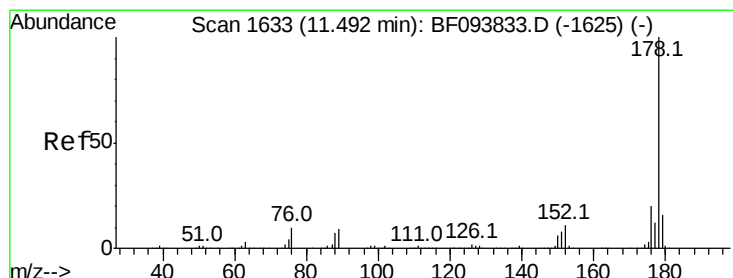
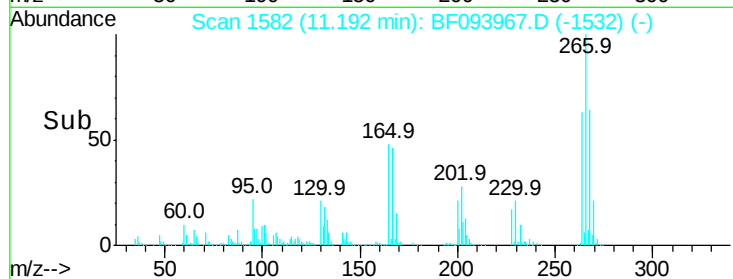
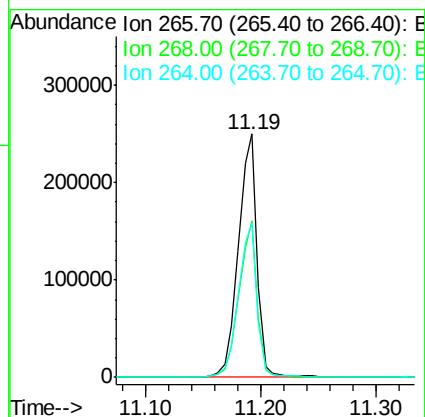
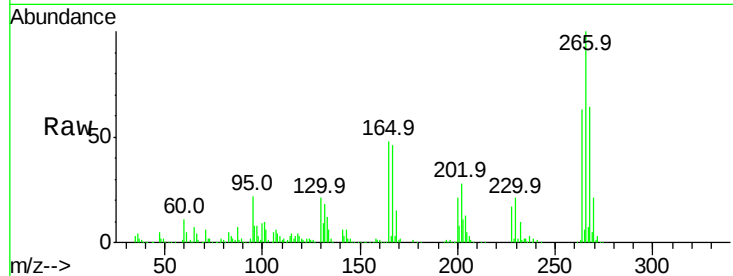




#69
 Pentachlorophenol
 Concen: 83.73 ng
 RT: 11.19 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

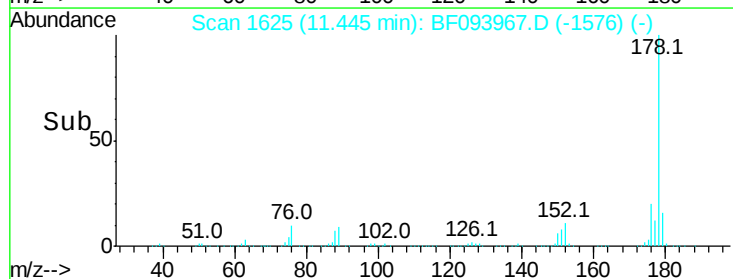
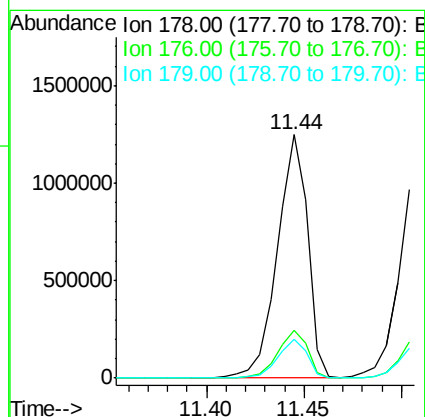
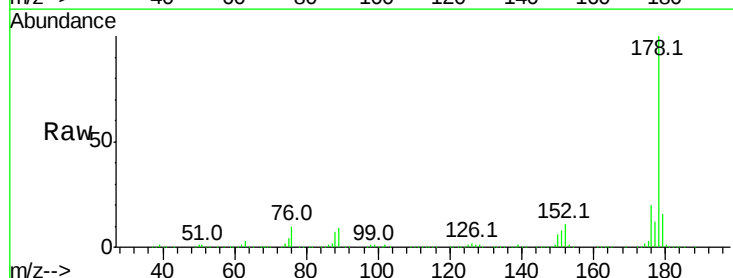
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

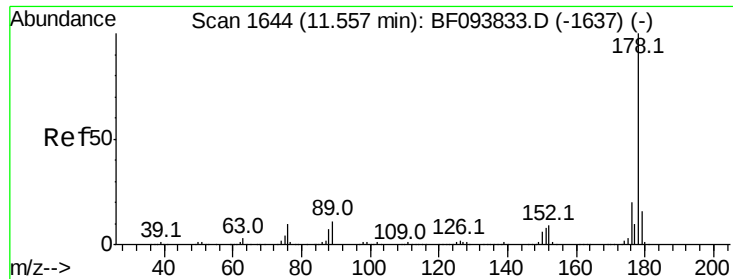
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.4	51.7	77.5



#70
 Phenanthrene
 Concen: 44.55 ng
 RT: 11.44 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.8	12.6	19.0

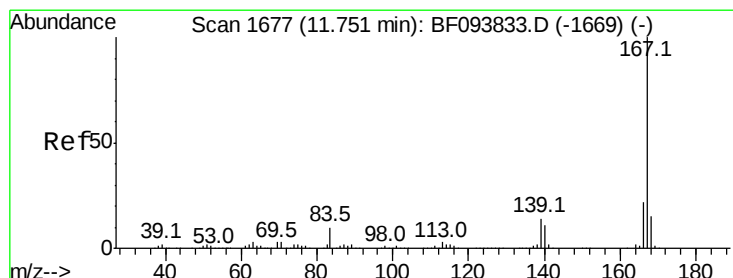
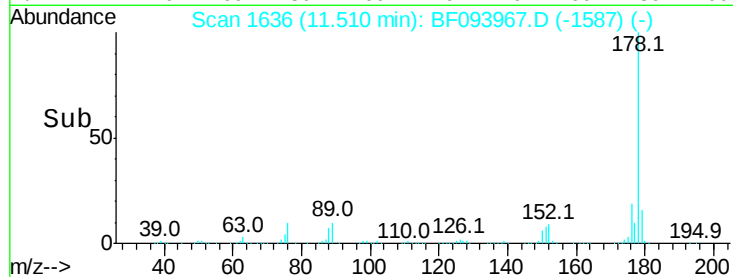
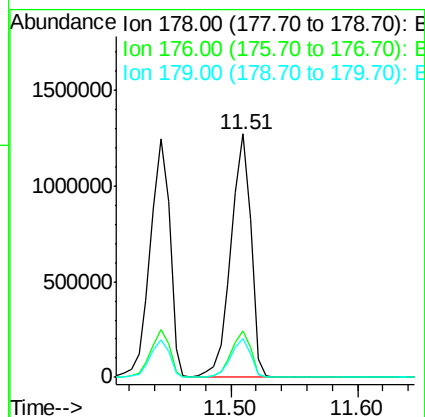
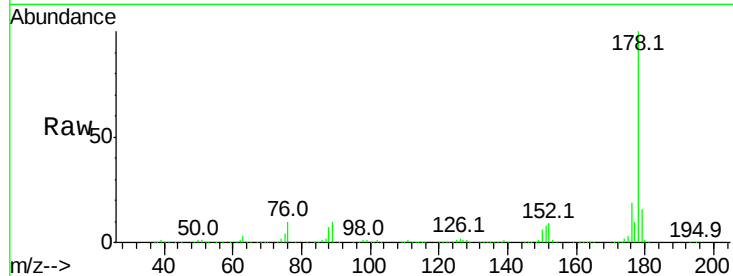




#71
 Anthracene
 Concen: 44.58 ng
 RT: 11.51 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

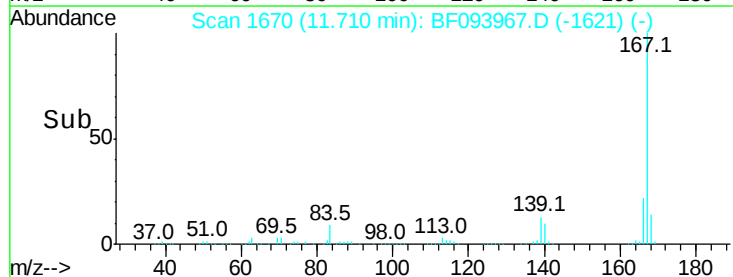
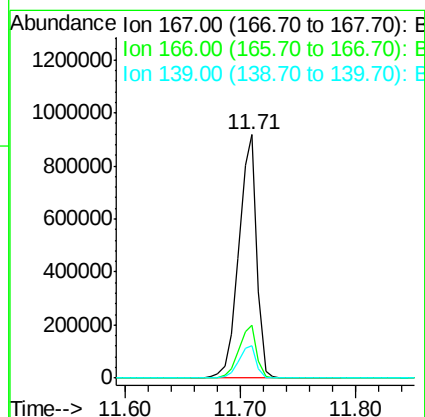
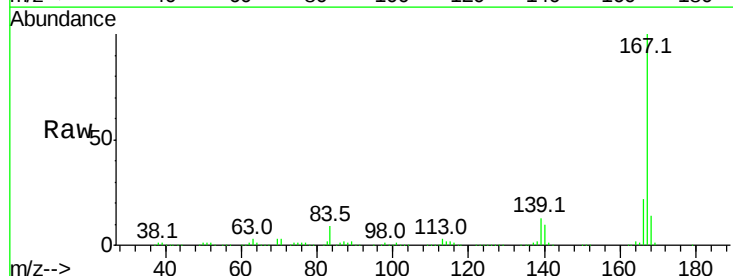
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

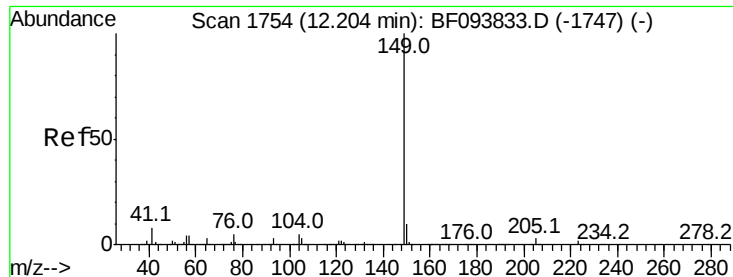
Tot Ion:178 Resp: 1382979
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 30.71 ng
 RT: 11.71 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion:167 Resp: 976980
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.59 ng

RT: 12.16 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

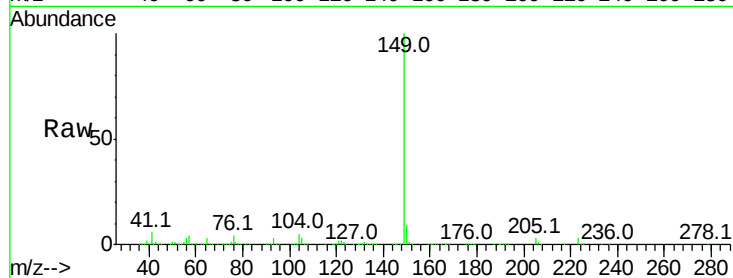
Tot Ion:149 Resp: 1541111

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

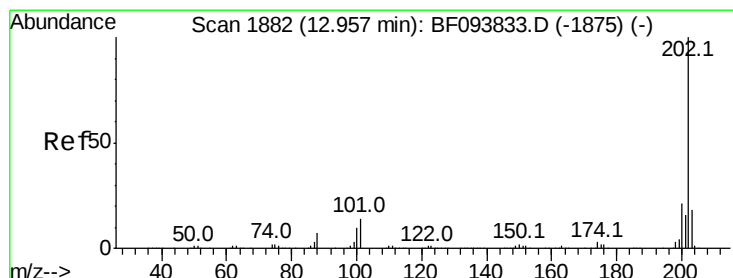
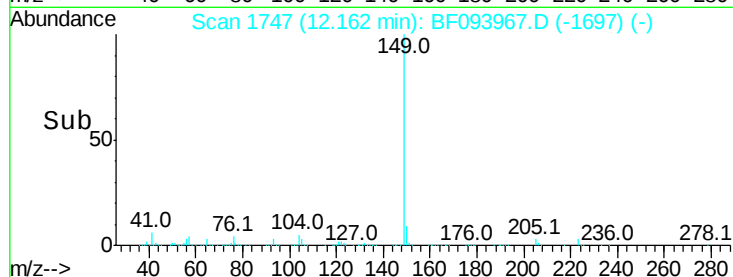
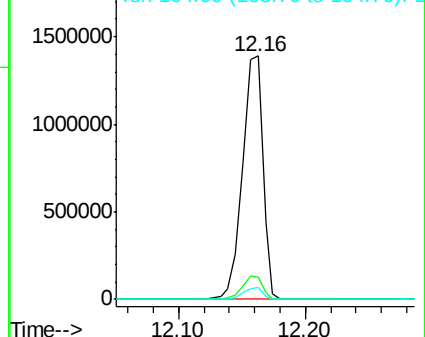
104 4.7 4.0 6.0



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: 44.84 ng

RT: 12.91 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

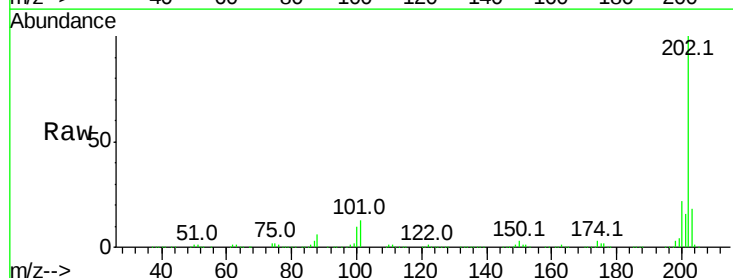
Tgt Ion:202 Resp: 1383195

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

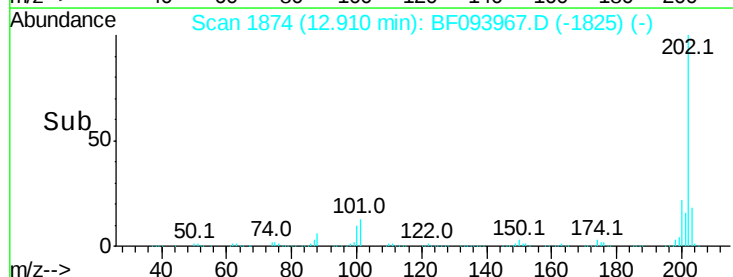
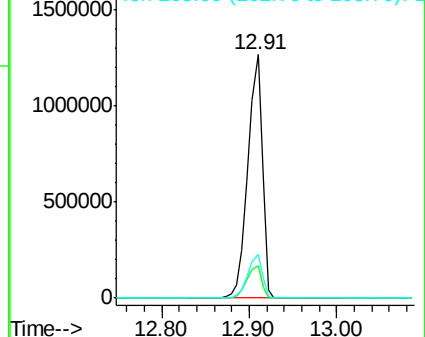
203 17.8 0.0 38.1

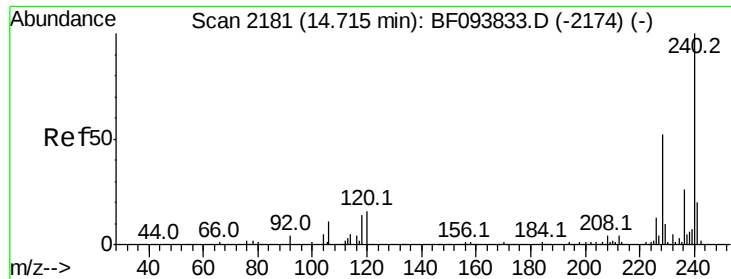


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

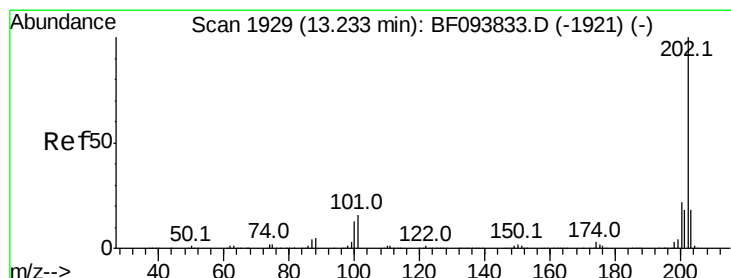
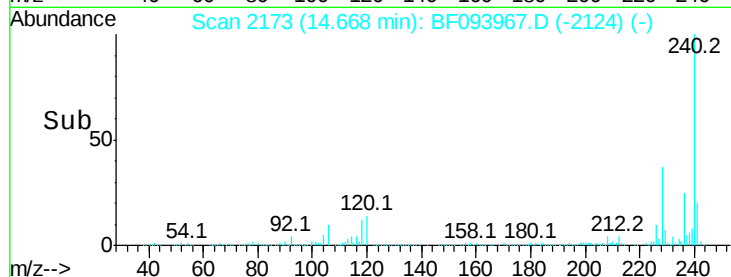
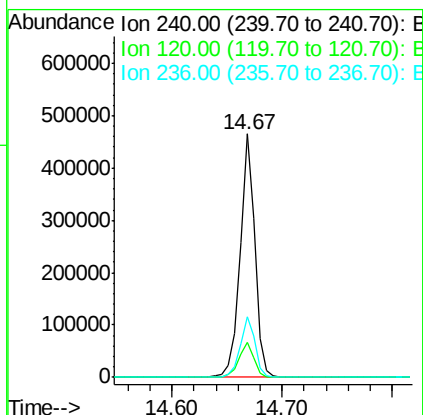
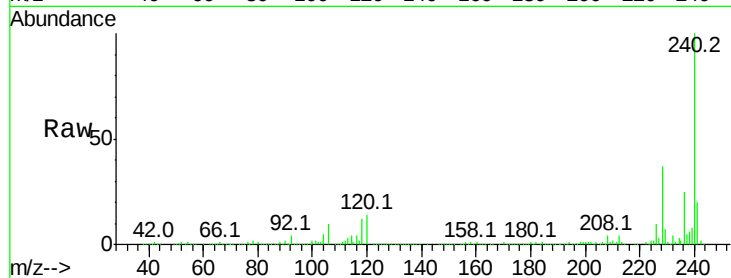




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.67 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

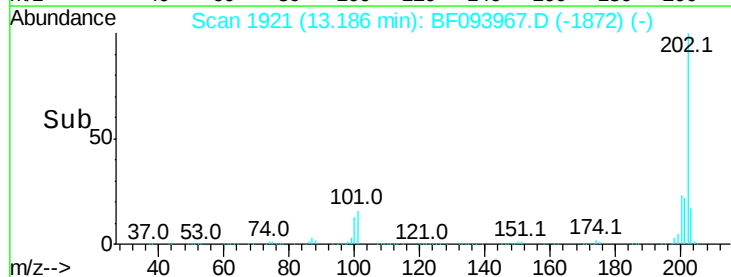
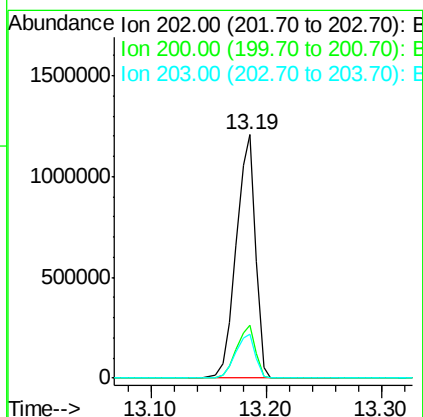
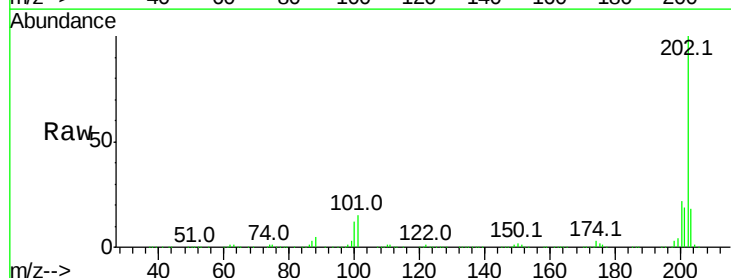
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

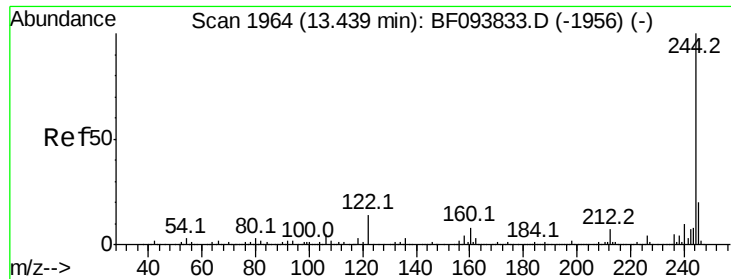
Tot Ion:240 Resp: 436112
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 24.8 20.5 30.7



#77
 Pyrene
 Concen: 43.95 ng
 RT: 13.19 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion:202 Resp: 1391004
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.6 26.4
 203 17.8 14.4 21.6





#78

Terphenyl-d14

Concen: 77.22 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

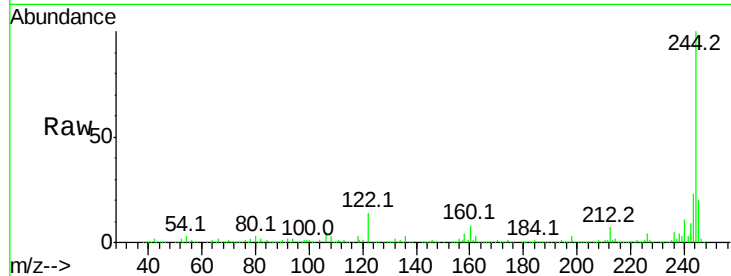
Tot Ion:244 Resp: 1502503

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

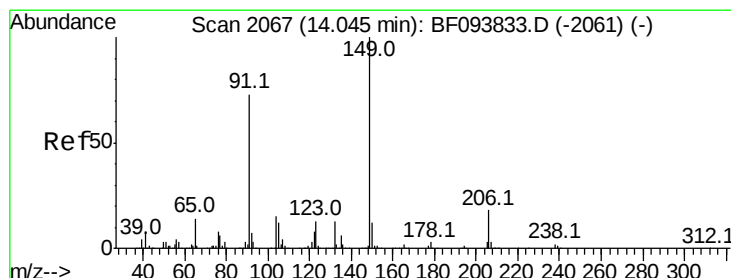
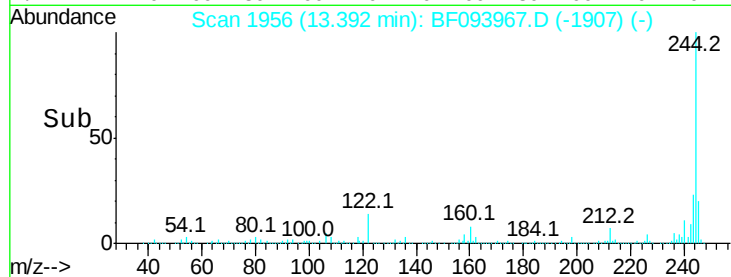
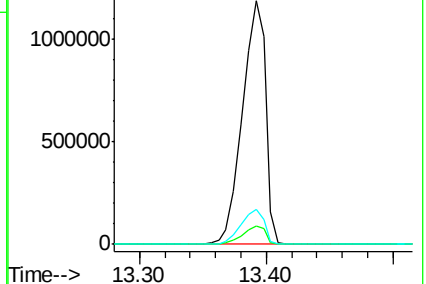
122 14.2 10.3 15.5



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: 49.00 ng

RT: 14.00 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

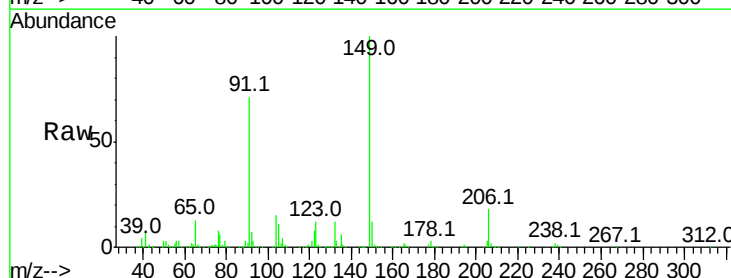
Tgt Ion:149 Resp: 660850

Ion Ratio Lower Upper

149 100

91 71.1 45.0 67.4#

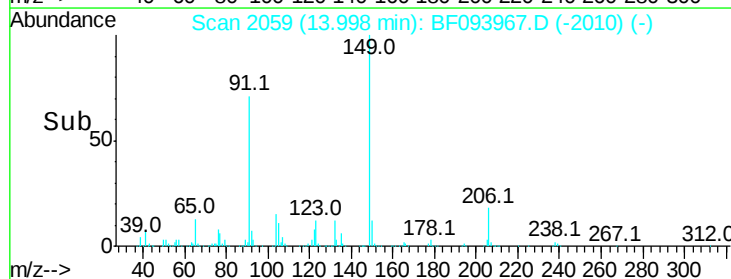
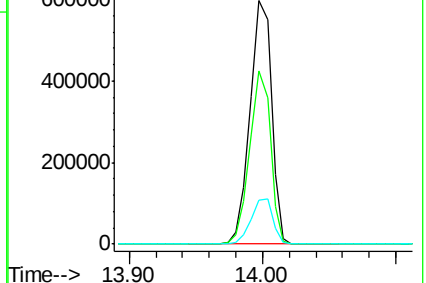
206 18.0 17.0 25.6

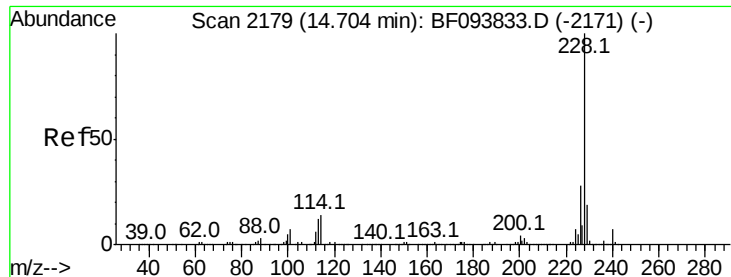


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 44.71 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

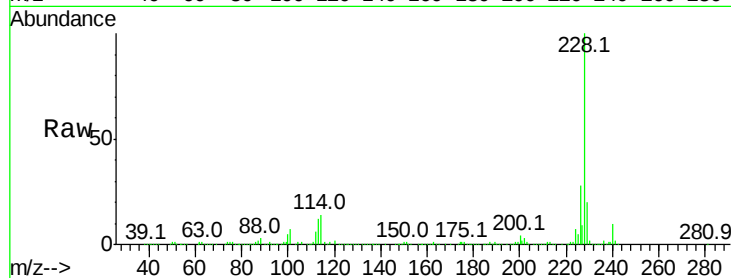
Tot Ion:228 Resp: 1137052

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

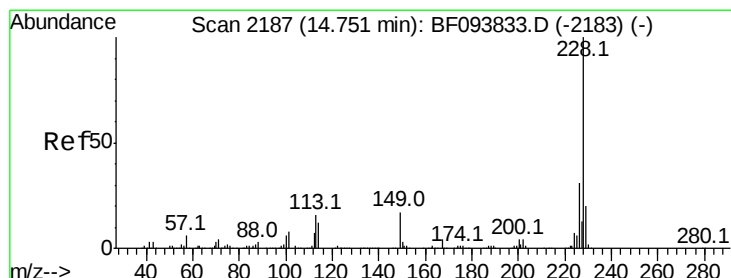
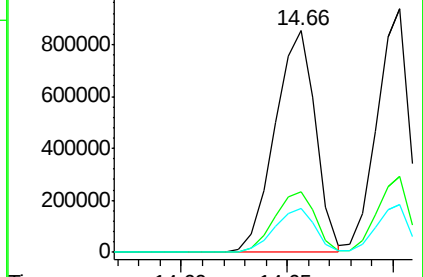
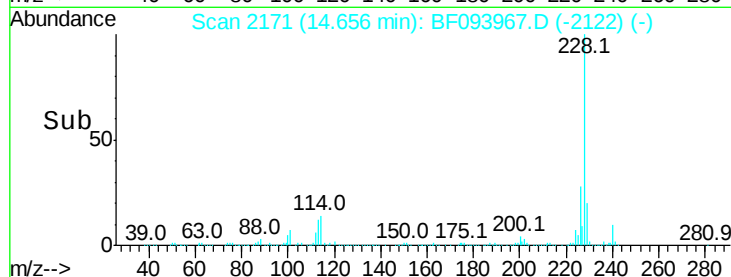
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 42.00 ng

RT: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

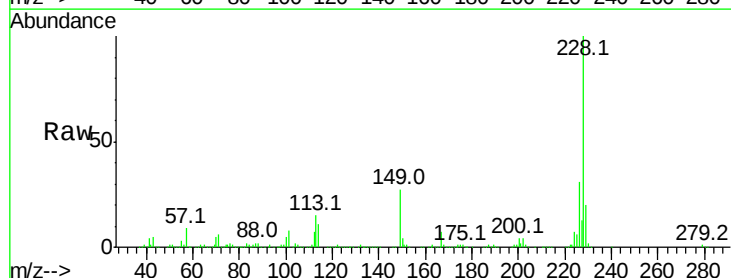
Tgt Ion:228 Resp: 991292

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

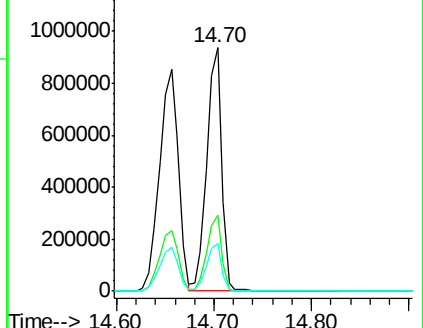
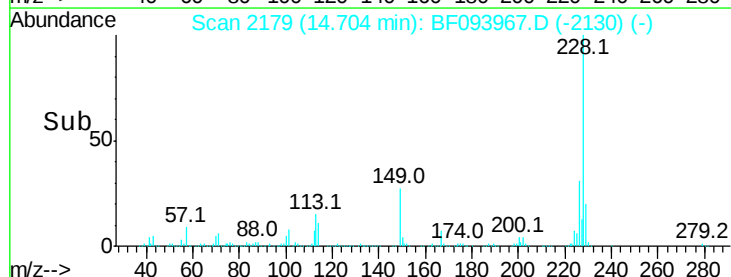
229 19.9 15.8 23.6

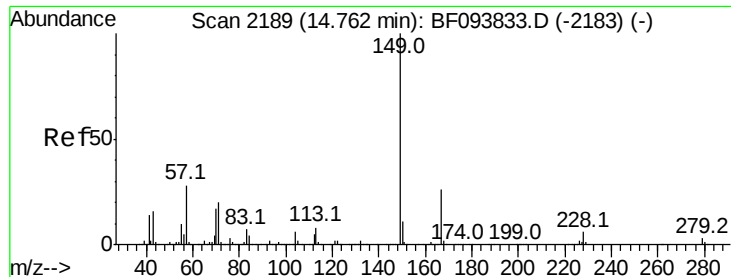


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

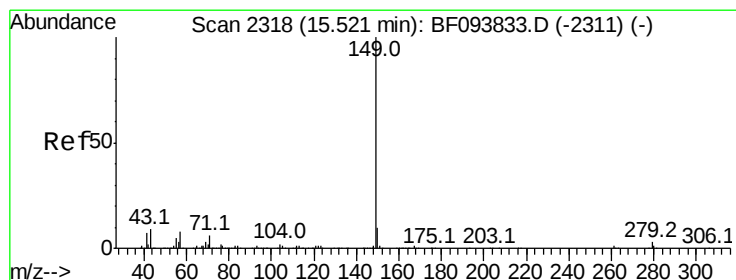
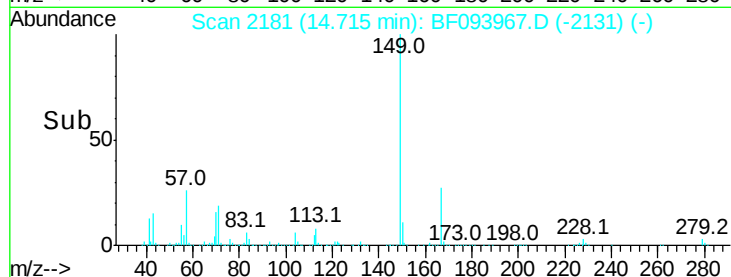
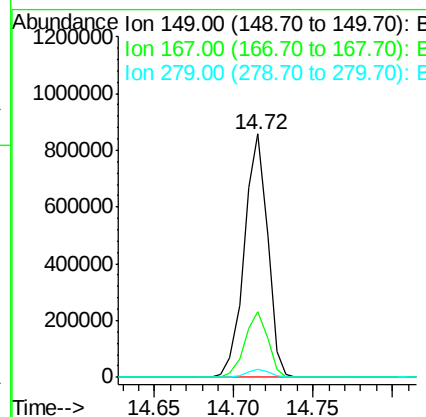
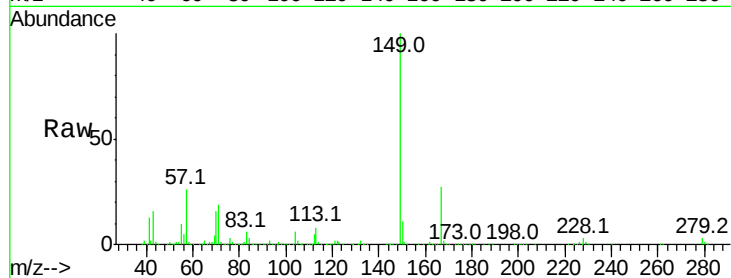




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.37 ng
 RT: 14.72 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

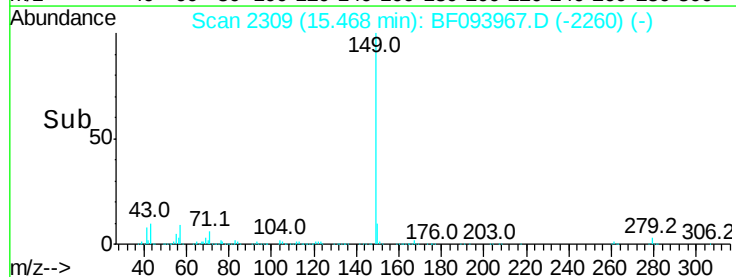
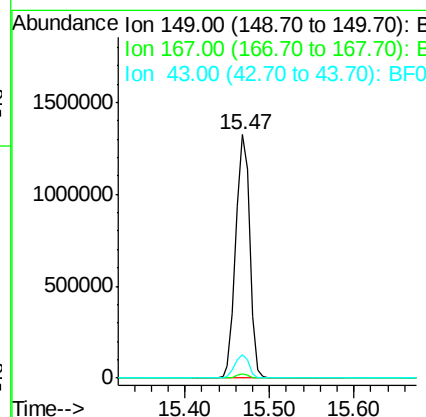
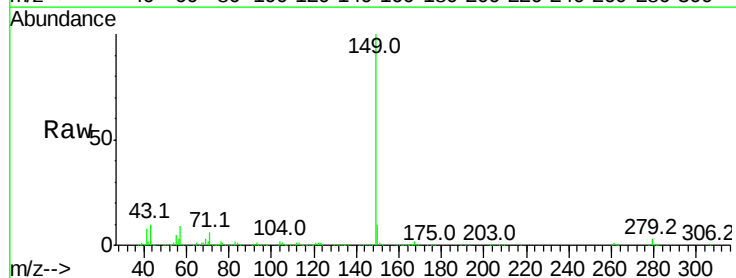
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

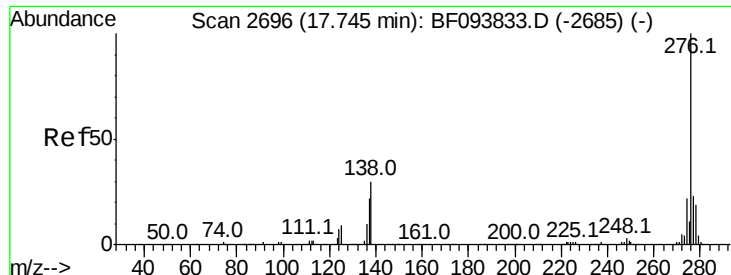
Tot Ion:149 Resp: 871451
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.55 ng
 RT: 15.47 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion:149 Resp: 1492160
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.5 12.7

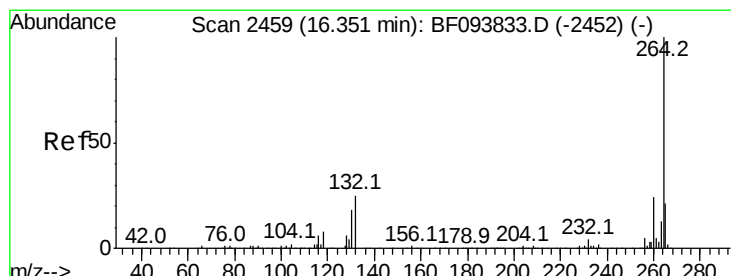
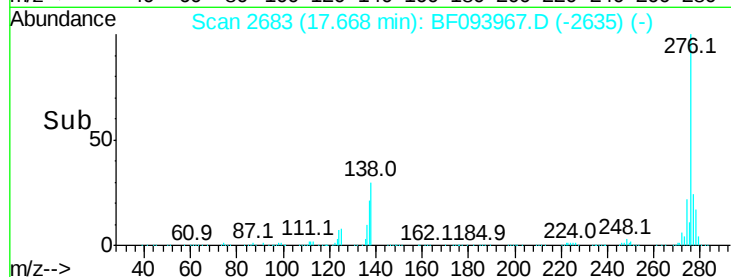
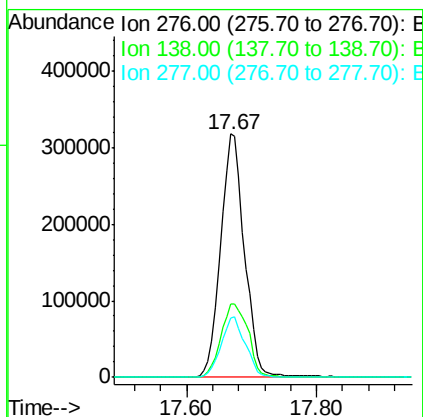
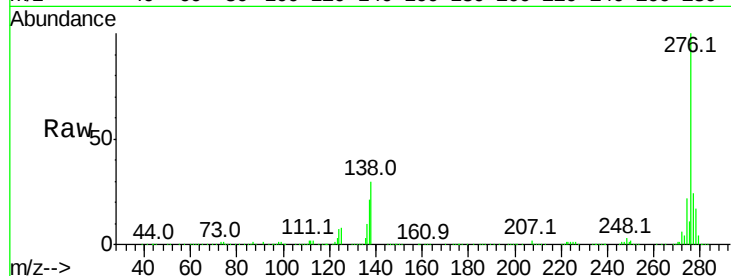




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.59 ng
 RT: 17.67 min Scan# 2683
 Delta R.T. -0.02 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

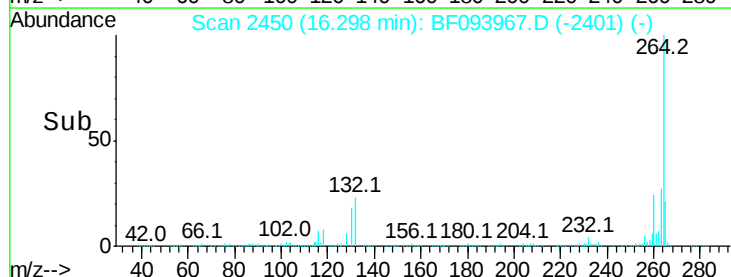
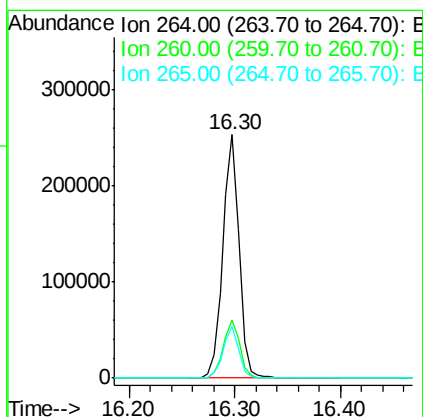
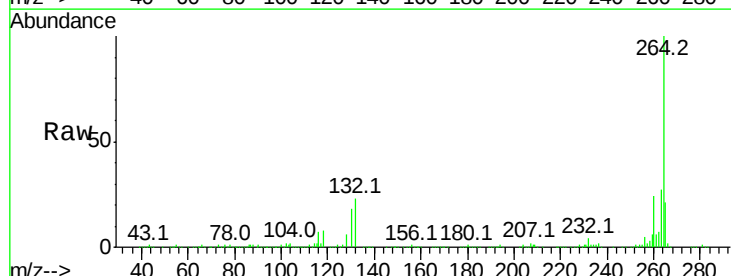
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

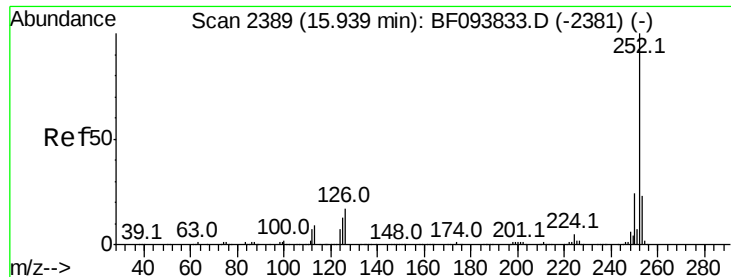
Tot Ion: 276 Resp: 809162
 Ion Ratio Lower Upper
 276 100
 138 34.4 27.8 41.6
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion: 264 Resp: 273119
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.2 17.2 25.8

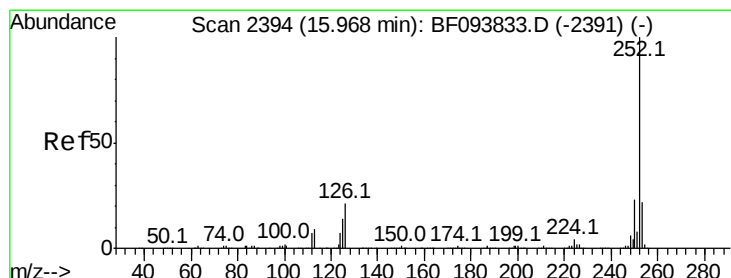
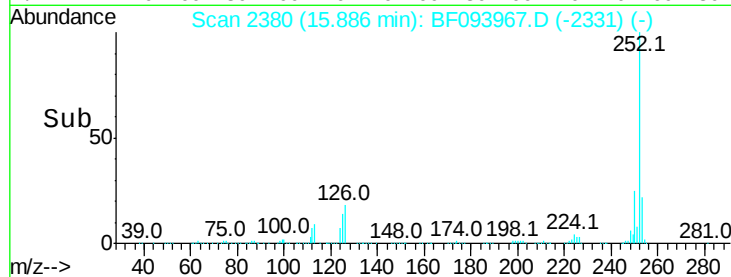
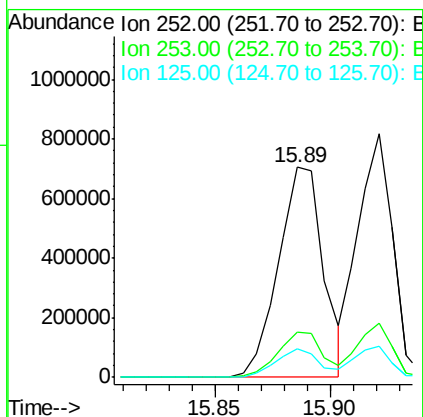
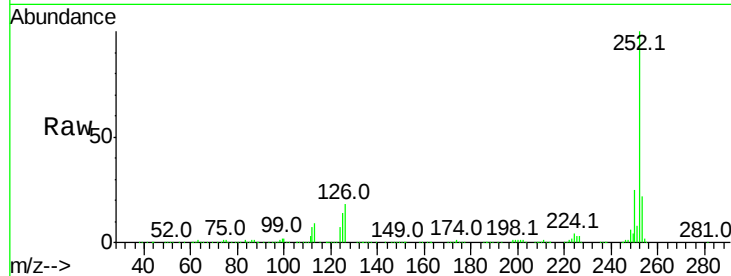




#87
Benzo(b)fluoranthene
Concen: 56.98 ng
RT: 15.89 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

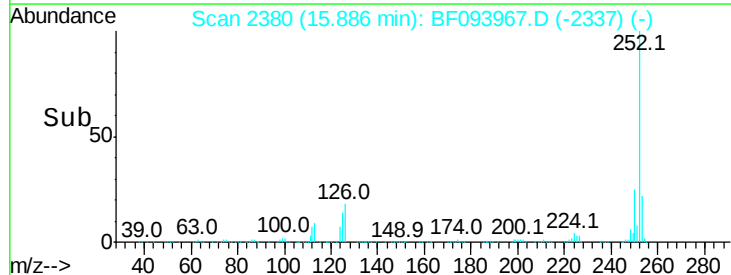
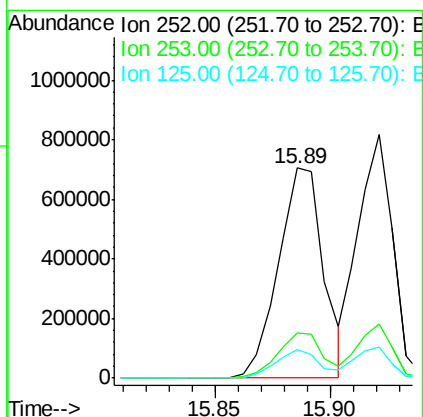
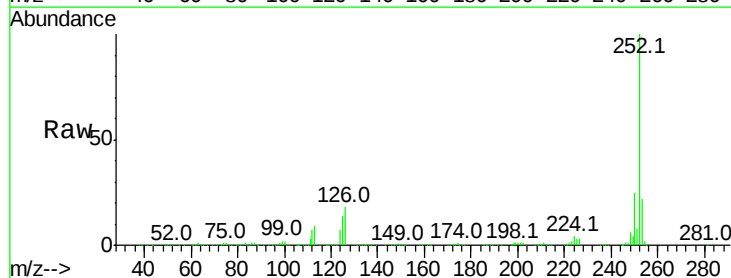
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

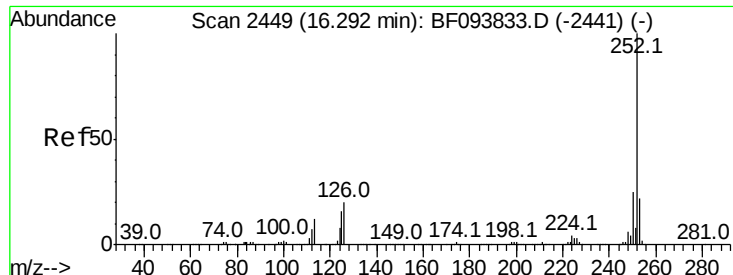
Tot Ion:252 Resp: 953937
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 13.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 58.24 ng
RT: 15.89 min Scan# 2380
Delta R.T. -0.05 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion:252 Resp: 953937
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 13.7 13.1 19.7





#89

Benzo(a)pyrene

Concen: 53.24 ng

RT: 16.24 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

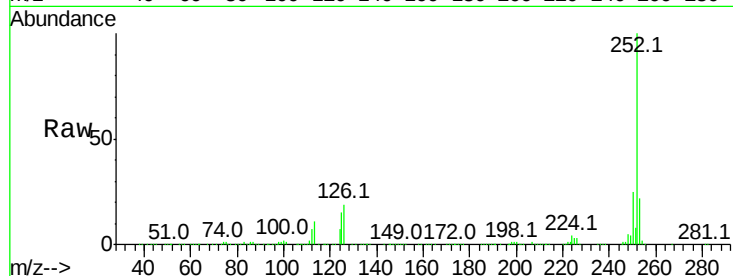
Tot Ion:252 Resp: 820808

Ion Ratio Lower Upper

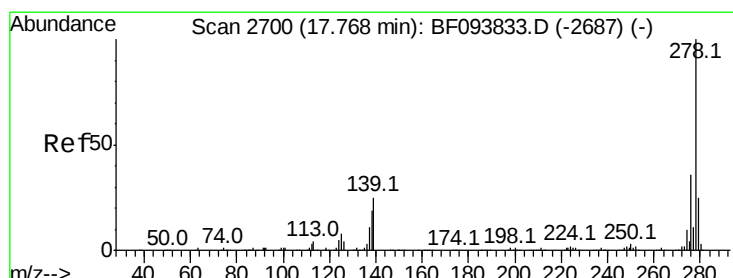
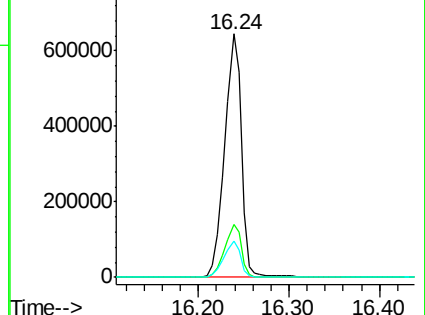
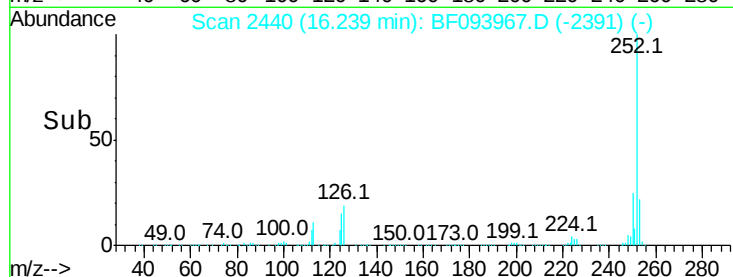
252 100

253 21.9 17.5 26.3

125 14.8 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: 51.57 ng

RT: 17.69 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

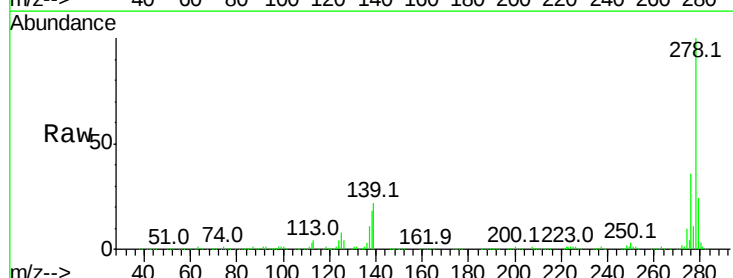
Tgt Ion:278 Resp: 673268

Ion Ratio Lower Upper

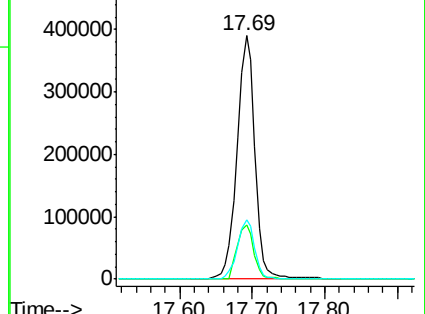
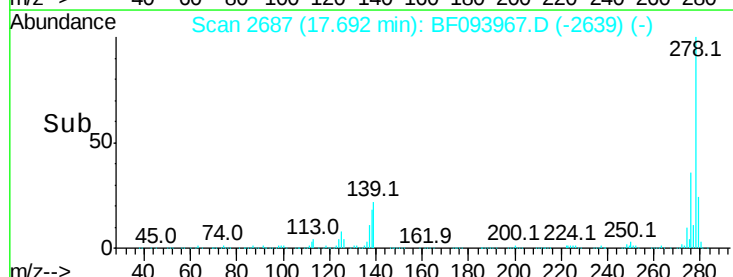
278 100

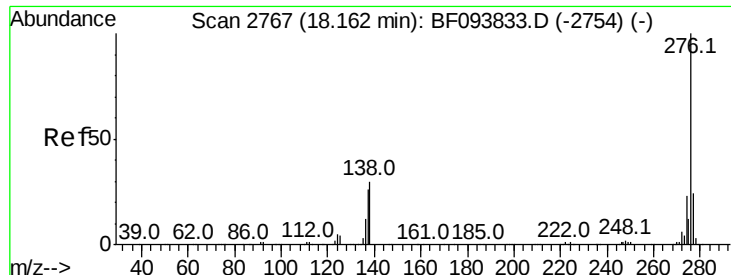
139 22.3 16.6 24.8

279 24.3 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: 50.20 ng

RT: 18.08 min Scan# 2753

Delta R.T. -0.02 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

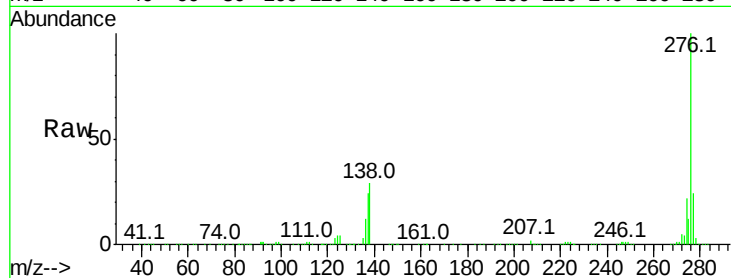
Tot Ion:276 Resp: 660497

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 29.4 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

