

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093837.D
 Acq On : 22 Mar 2017 17:28
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Quant Time: Mar 22 18:13:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 17:41:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	197319	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	793480	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	356522	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	616767	20.00	ng	0.00
75) Chrysene-d12	14.72	240	500058	20.00	ng	0.00
86) Perylene-d12	16.35	264	394273	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	914767	78.30	ng	0.00
7) Phenol-d6	5.57	99	1138992	78.81	ng	0.00
23) Nitrobenzene-d5	6.64	82	1126610	81.03	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	227892	80.89	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1881844	80.51	ng	0.00
78) Terphenyl-d14	13.44	244	1752150	78.54	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.37	88	222939	39.72	ng	99
3) Pyridine	2.85	79	626604	40.96	ng	98
4) n-Nitrosodimethylamine	2.82	42	255512	40.60	ng	92
6) Aniline	5.61	93	794969	39.54	ng	98
8) 2-Chlorophenol	5.75	128	511655	39.85	ng	98
9) Benzaldehyde	5.48	77	391457	40.11	ng	99
10) Phenol	5.59	94	692124	42.08	ng	92
11) bis(2-Chloroethyl)ether	5.69	93	510040	39.68	ng	99
12) 1,3-Dichlorobenzene	5.92	146	575059	39.92	ng	99
13) 1,4-Dichlorobenzene	6.01	146	581144	39.84	ng	98
14) 1,2-Dichlorobenzene	6.19	146	533392	39.70	ng	96
15) Benzyl Alcohol	6.15	79	429503	40.60	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.31	45	788965	39.84	ng	100
17) 2-Methylphenol	6.28	107	440273	40.03	ng	98
18) Hexachloroethane	6.58	117	209621	40.88	ng	# 84
19) n-Nitroso-di-n-propylamine	6.47	70	369528	39.78	ng	98
20) 3+4-Methylphenols	6.46	107	526196	39.51	ng	99
22) Acetophenone	6.46	105	694010	39.24	ng	97
24) Nitrobenzene	6.66	77	560381	40.87	ng	92
25) Isophorone	6.95	82	988890	40.48	ng	# 94
26) 2-Nitrophenol	7.03	139	278447	42.58	ng	96
27) 2,4-Dimethylphenol	7.09	122	458545	40.69	ng	98
28) bis(2-Chloroethoxy)methane	7.21	93	638335	39.62	ng	99
29) 2,4-Dichlorophenol	7.32	162	426768	40.51	ng	97
30) 1,2,4-Trichlorobenzene	7.43	180	435416	40.13	ng	99
31) Naphthalene	7.52	128	1524617	39.96	ng	100
32) Benzoic acid	7.24	122	344151	45.88	ng	99
33) 4-Chloroaniline	7.58	127	610209	39.46	ng	95
34) Hexachlorobutadiene	7.68	225	225829	40.58	ng	99
35) Caprolactam	8.03	113	137612	40.96	ng	99
36) 4-Chloro-3-methylphenol	8.18	107	444521	40.38	ng	89
37) 2-Methylnaphthalene	8.36	142	1012677	39.82	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	384152	39.39	ng	99
40) Hexachlorocyclopentadiene	8.56	237	195078	42.74	ng	98

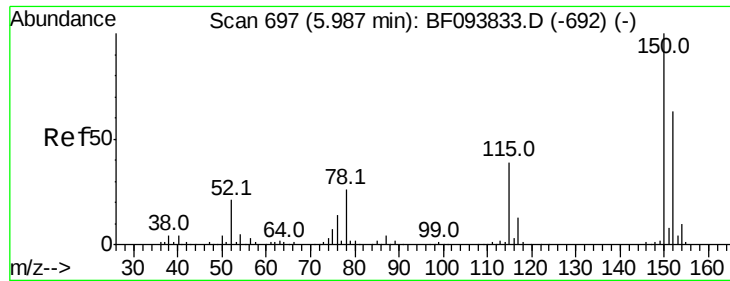
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	280600	40.67	ng	100
43) 2,4,5-Trichlorophenol	8.75	196	304646	40.80	ng	95
45) 1,1'-Biphenyl	8.94	154	1134746	39.46	ng	98
46) 2-Chloronaphthalene	8.96	162	892681	39.66	ng	95
47) 2-Nitroaniline	9.07	65	278975	41.78	ng	93
48) Acenaphthylene	9.47	152	1487588	39.76	ng	100
49) Dimethylphthalate	9.32	163	1016564	40.11	ng	99
50) 2,6-Dinitrotoluene	9.39	165	241146	41.51	ng	91
51) Acenaphthene	9.68	154	855972	39.21	ng	99
52) 3-Nitroaniline	9.59	138	277156	40.63	ng	90
53) 2,4-Dinitrophenol	9.71	184	118324	40.50	ng	# 75
54) Dibenzofuran	9.89	168	1185767	39.90	ng	100
55) 4-Nitrophenol	9.79	139	224541	42.03	ng	# 69
56) 2,4-Dinitrotoluene	9.88	165	306213	41.96	ng	# 86
57) Fluorene	10.32	166	938456	38.08	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	210261	41.04	ng	99
59) Diethylphthalate	10.19	149	1011197	40.37	ng	98
60) 4-Chlorophenyl-phenylether	10.32	204	398581	37.97	ng	91
61) 4-Nitroaniline	10.34	138	269952	41.24	ng	94
62) Azobenzene	10.52	77	951624	40.16	ng	96
64) 4,6-Dinitro-2-methylphenol	10.38	198	160170	42.40	ng	# 72
65) n-Nitrosodiphenylamine	10.47	169	851868	39.94	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	247439	40.79	ng	96
67) Hexachlorobenzene	10.99	284	248541	40.48	ng	# 90
68) Atrazine	11.13	200	257183	40.26	ng	94
69) Pentachlorophenol	11.23	266	156467	40.94	ng	98
70) Phenanthrene	11.49	178	1362164	39.70	ng	99
71) Anthracene	11.56	178	1404689	39.76	ng	99
72) Carbazole	11.76	167	1428448	39.43	ng	98
73) Di-n-butylphthalate	12.20	149	1527874	40.56	ng	100
74) Fluoranthene	12.96	202	1398914	39.82	ng	99
76) Benzidine	13.12	184	763822	38.59	ng	97
77) Pyrene	13.23	202	1446777	39.87	ng	99
79) Butylbenzylphthalate	14.04	149	644095	41.65	ng	# 81
80) Benzo(a)anthracene	14.70	228	1174864	40.29	ng	99
81) 3,3'-Dichlorobenzidine	14.67	252	419875	40.28	ng	# 97
82) Chrysene	14.75	228	1073388	39.67	ng	99
83) Bis(2-ethylhexyl)phthalate	14.76	149	888699	42.13	ng	100
84) Di-n-octyl phthalate	15.52	149	1477190	41.91	ng	99
85) Indeno(1,2,3-cd)pyrene	17.74	276	875924	37.38	ng	98
87) Benzo(b)fluoranthene	15.94	252	1001600	41.44	ng	100
88) Benzo(k)fluoranthene	15.97	252	974274	40.90	ng	96
89) Benzo(a)pyrene	16.29	252	914296	41.08	ng	98
90) Dibenzo(a,h)anthracene	17.77	278	749173	39.75	ng	97
91) Benzo(g,h,i)perylene	18.16	276	746185	39.28	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.99 min Scan# 697

Delta R.T. 0.00 min

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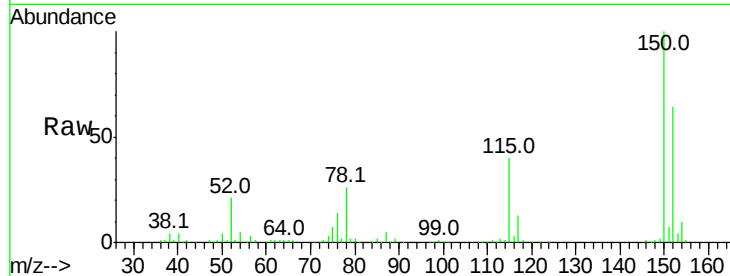
Tot Ion:152 Resp: 197319

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

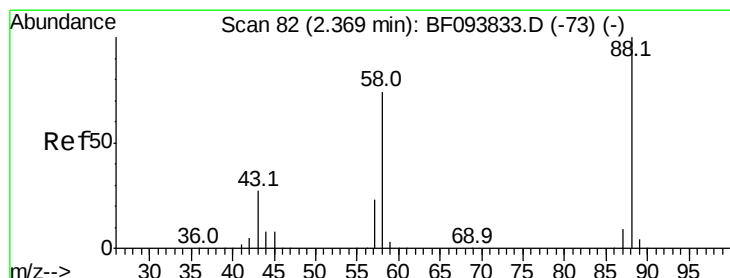
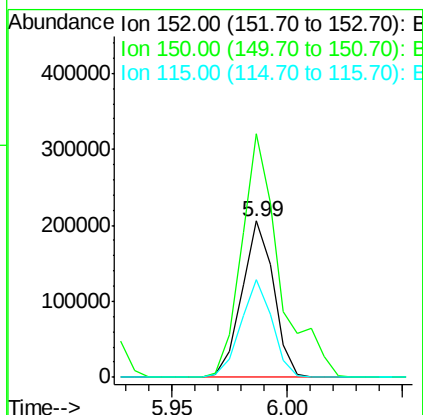
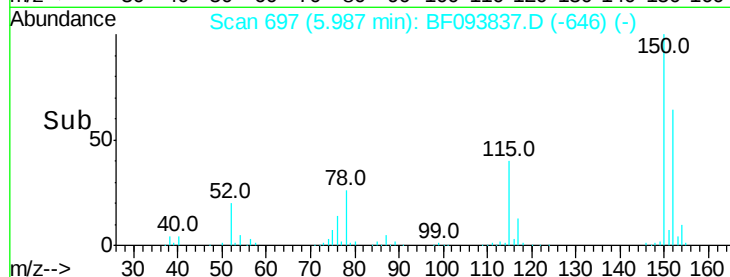
115 62.6 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.72 ng

RT: 2.37 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

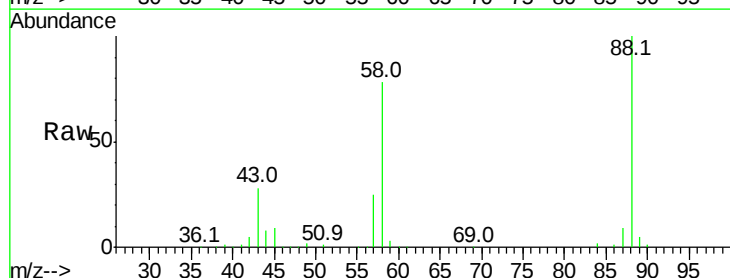
Tgt Ion: 88 Resp: 222939

Ion Ratio Lower Upper

88 100

58 76.7 61.4 92.0

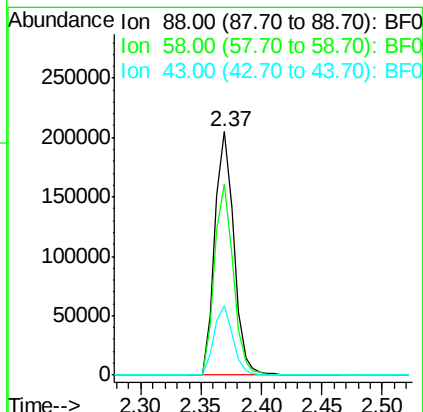
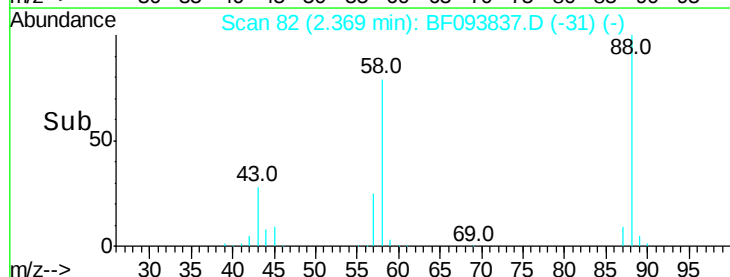
43 28.0 23.4 35.0

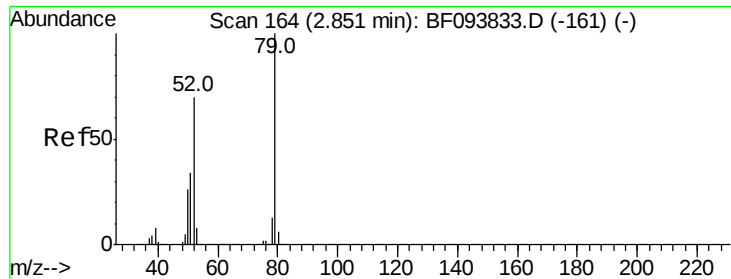


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

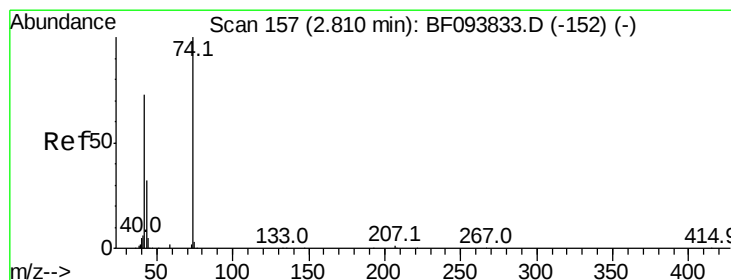
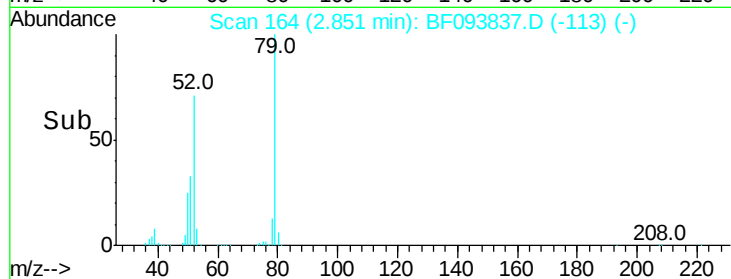
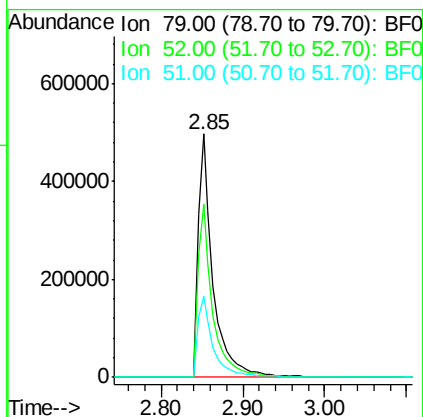
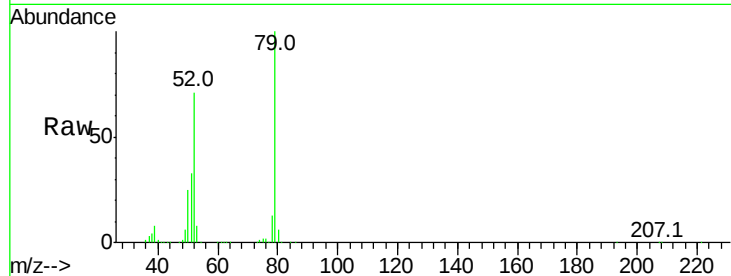




#3
 Pvridine
 Concen: 40.96 ng
 RT: 2.85 min Scan# 164
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

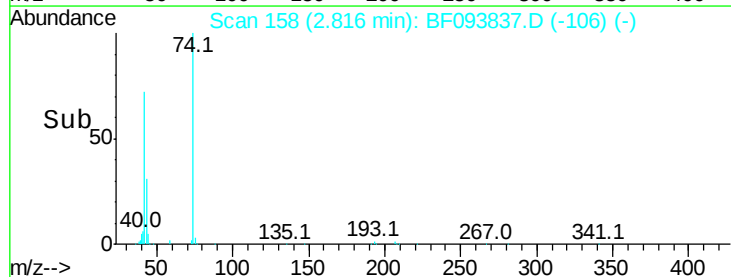
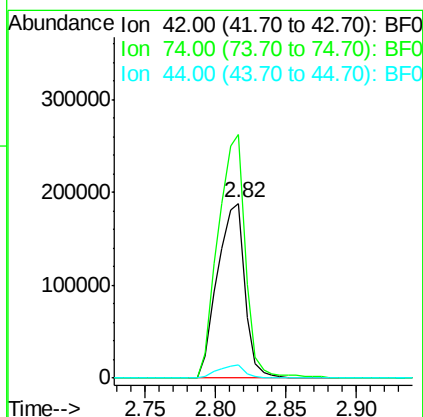
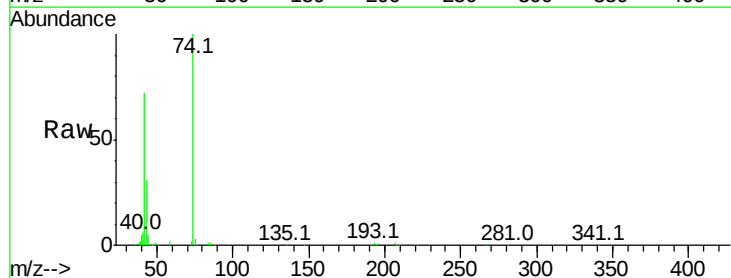
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion: 79 Resp: 626604
 Ion Ratio Lower Upper
 79 100
 52 70.9 54.8 82.2
 51 33.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 40.60 ng
 RT: 2.82 min Scan# 158
 Delta R.T. 0.01 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion: 42 Resp: 255512
 Ion Ratio Lower Upper
 42 100
 74 139.2 103.9 155.9
 44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 78.30 ng

RT: 4.50 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Instrument :

BNA_F

ClientSampleId :

ICVBF032217

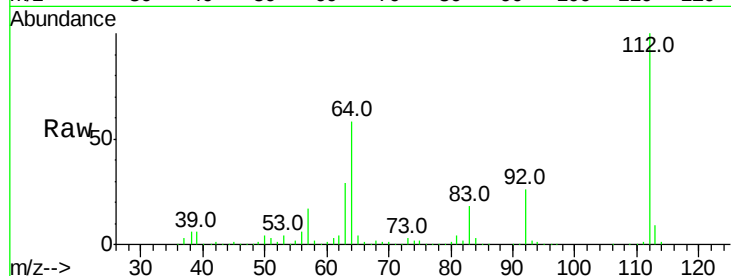
Tot Ion:112 Resp: 914767

Ion Ratio Lower Upper

112 100

64 58.0 46.0 69.0

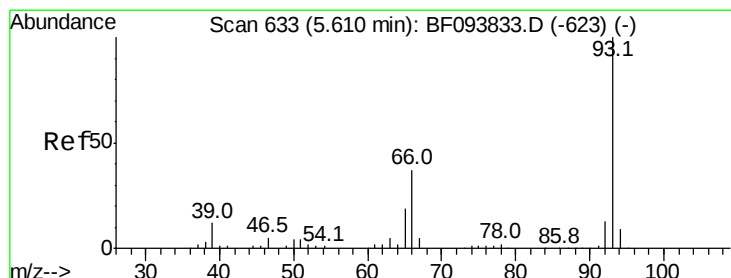
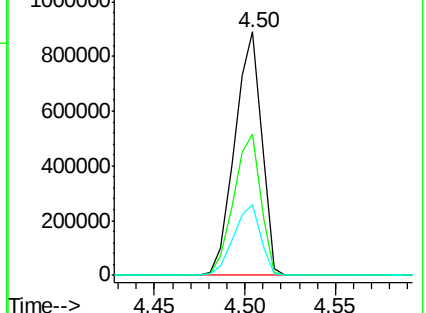
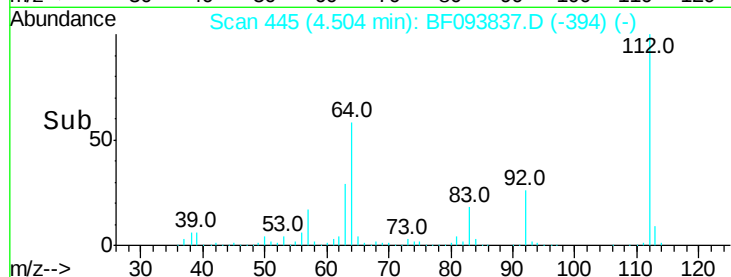
63 29.1 23.4 35.0



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: 39.54 ng

RT: 5.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

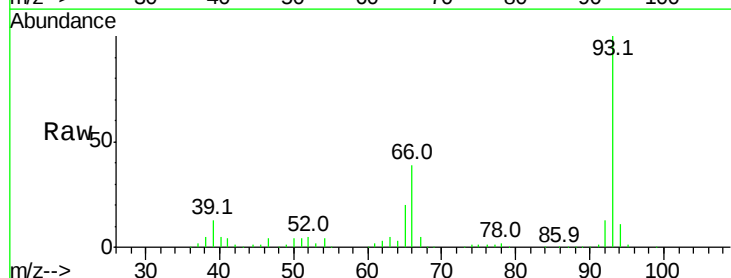
Tgt Ion: 93 Resp: 794969

Ion Ratio Lower Upper

93 100

66 39.2 32.9 49.3

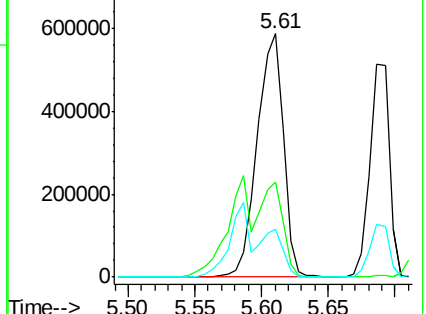
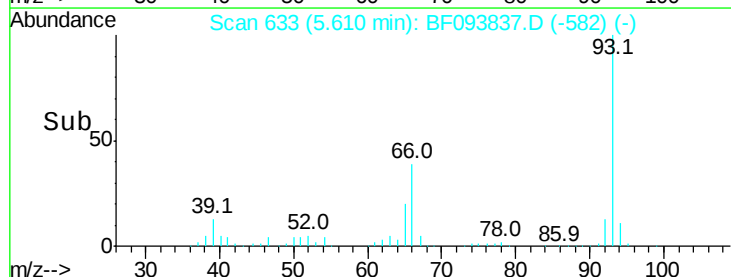
65 19.7 16.0 24.0

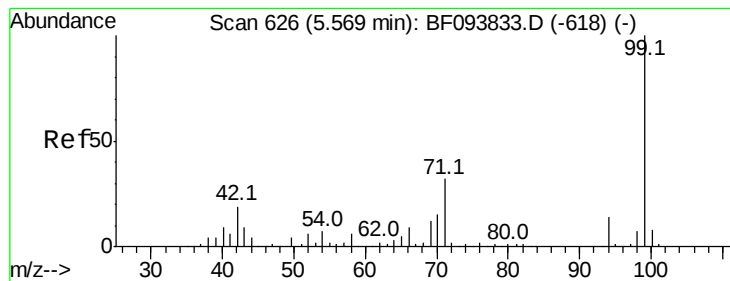


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.81 ng

RT: 5.57 min Scan# 626

Delta R.T. 0.00 min

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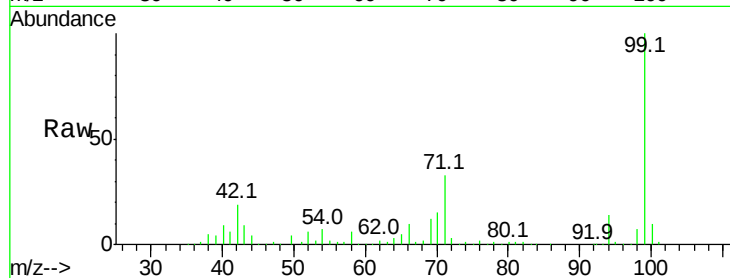
Tot Ion: 99 Resp: 1138992

Ion Ratio Lower Upper

99 100

42 18.6 13.5 20.3

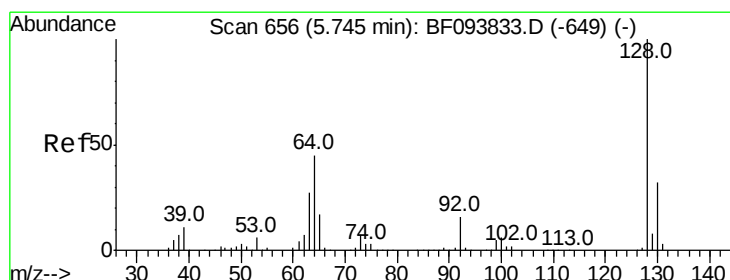
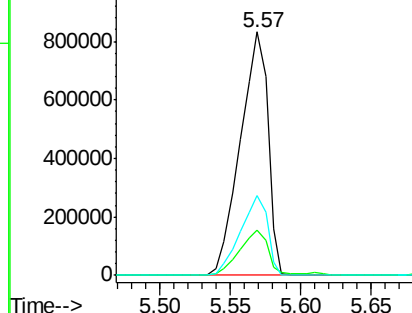
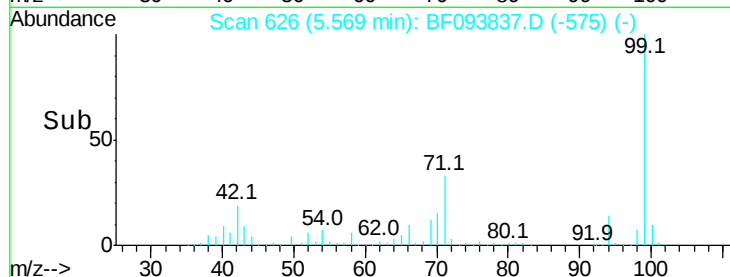
71 32.5 24.5 36.7



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: 39.85 ng

RT: 5.75 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

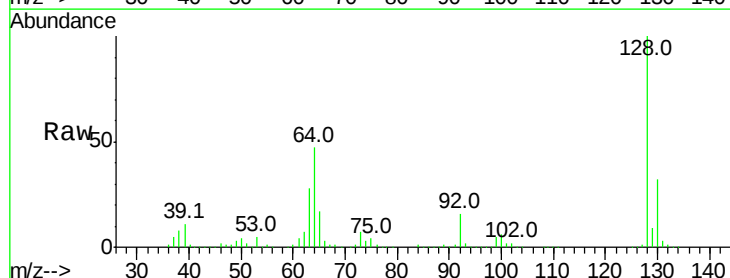
Tgt Ion:128 Resp: 511655

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

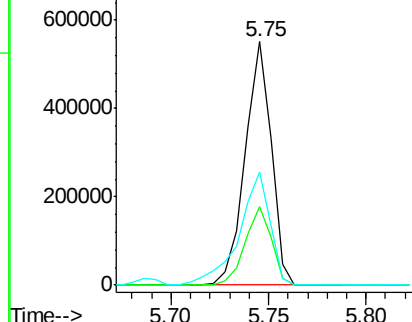
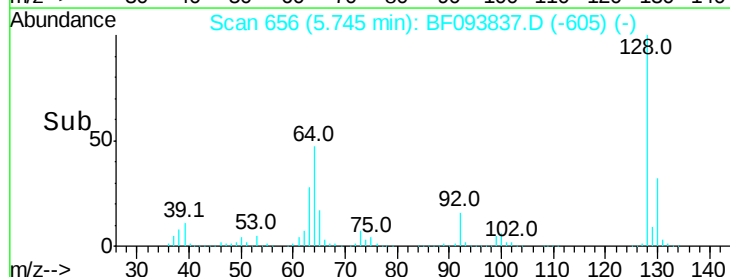
64 46.7 28.4 68.4

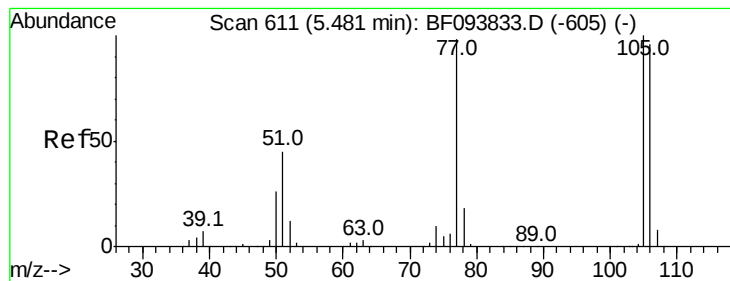


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.11 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.00 min

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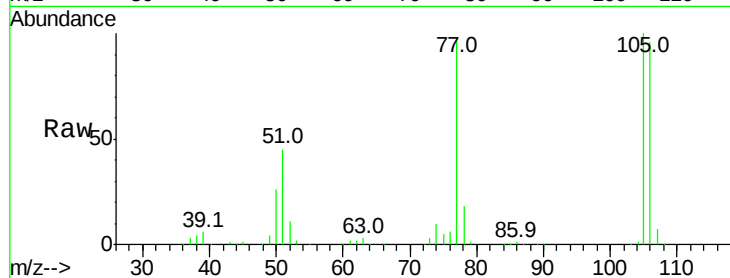
Tot Ion: 77 Resp: 391457

Ion Ratio Lower Upper

77 100

105 102.8 83.8 123.8

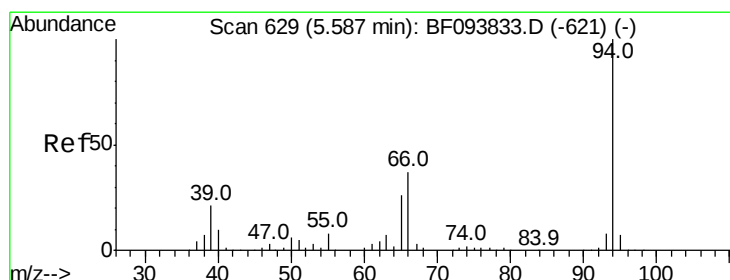
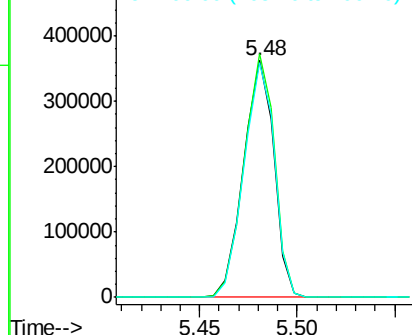
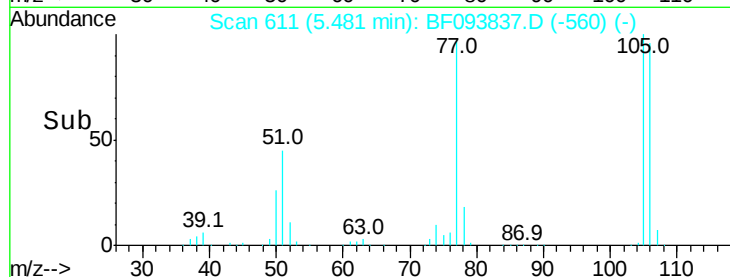
106 99.2 79.1 119.1



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: 42.08 ng

RT: 5.59 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

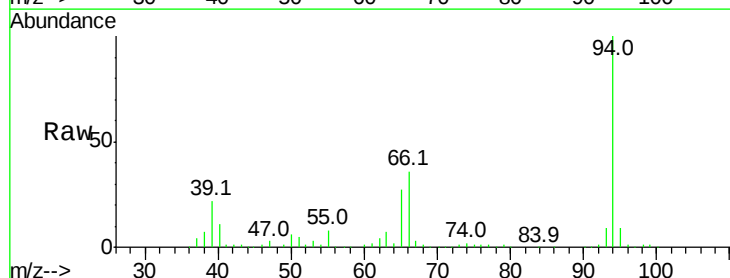
Tgt Ion: 94 Resp: 692124

Ion Ratio Lower Upper

94 100

65 26.9 9.9 49.9

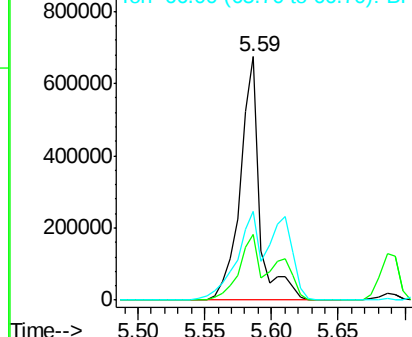
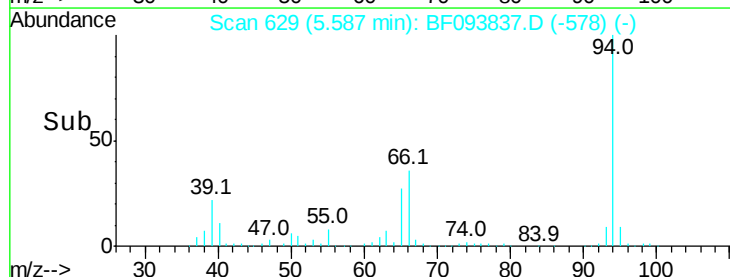
66 36.5 23.1 63.1

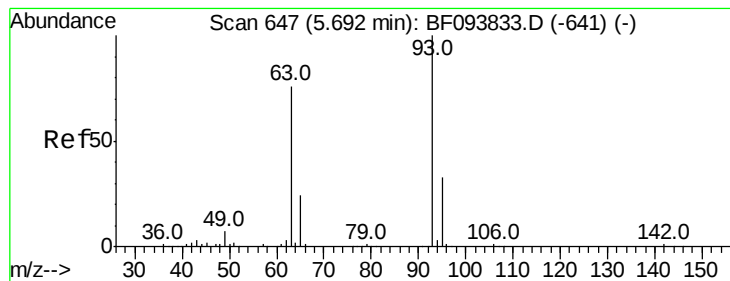


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.68 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Instrument :

BNA_F

ClientSampleId :

ICVBF032217

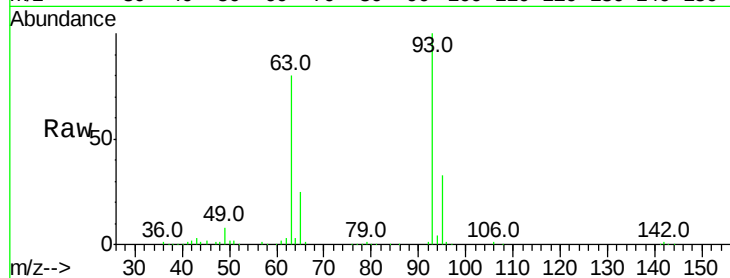
Tot Ion: 93 Resp: 510040

Ion Ratio Lower Upper

93 100

63 80.0 59.2 99.2

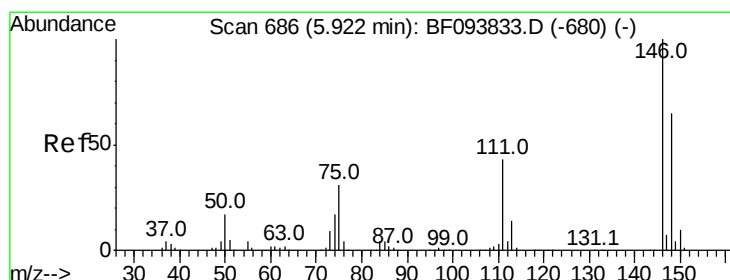
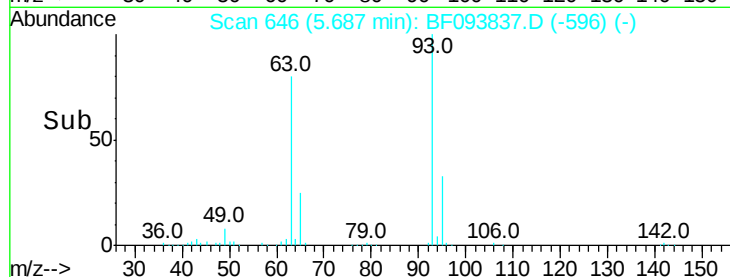
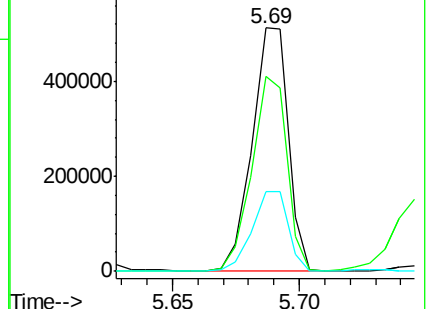
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.92 ng

RT: 5.92 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

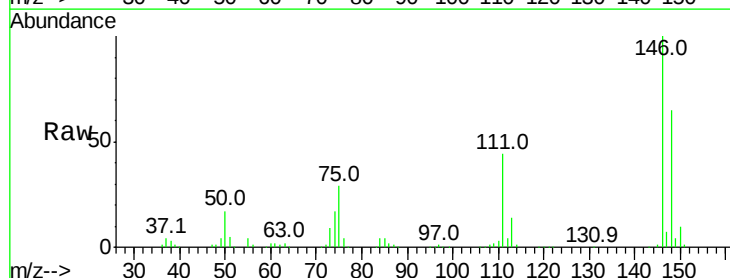
Tgt Ion: 146 Resp: 575059

Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.6

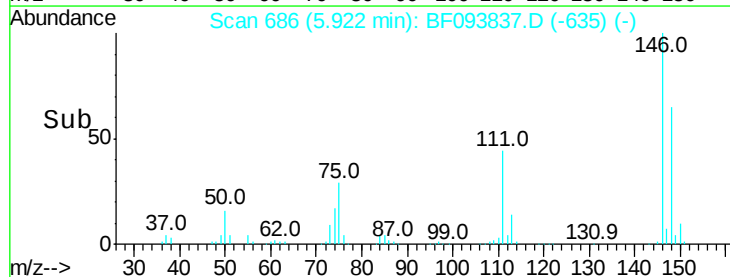
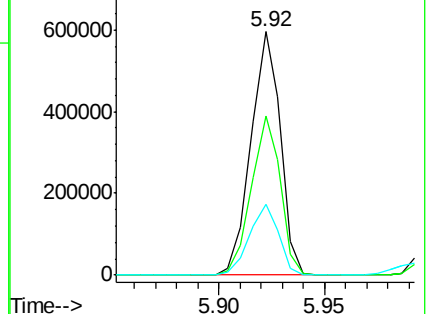
75 29.3 23.1 34.7

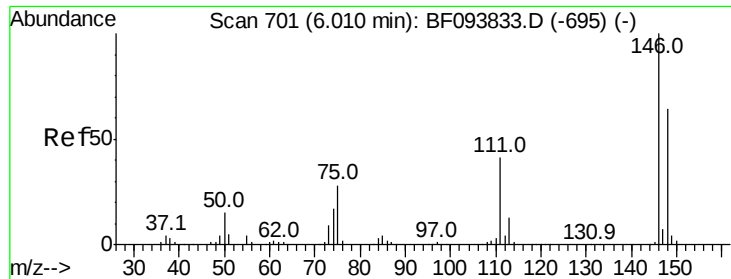


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

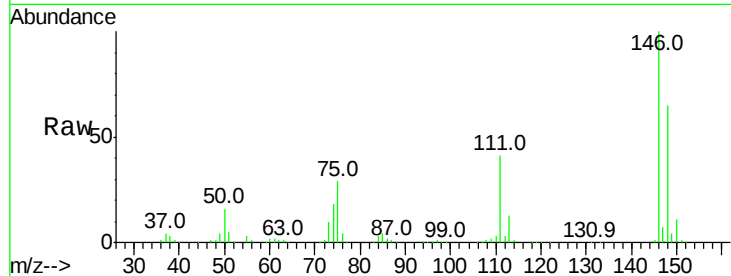




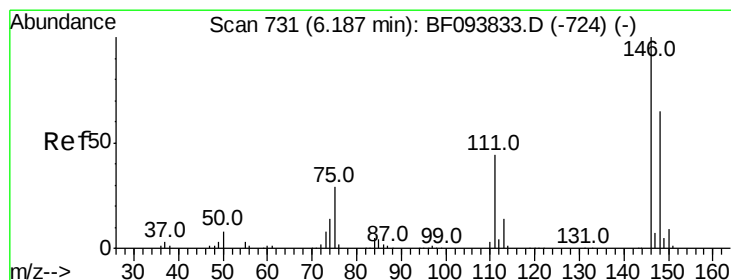
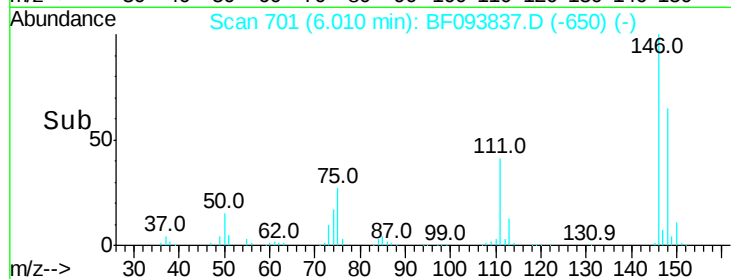
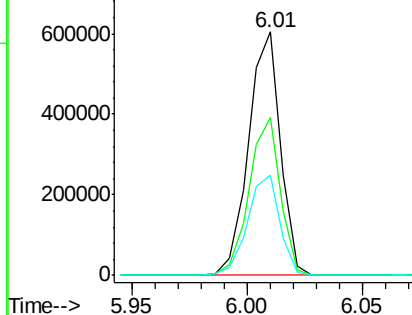
#13
 1,4-Dichlorobenzene
 Concen: 39.84 ng
 RT: 6.01 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion:146 Resp: 581144
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 41.1 30.3 45.5

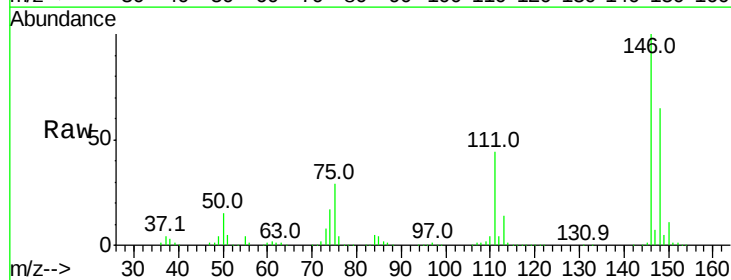


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

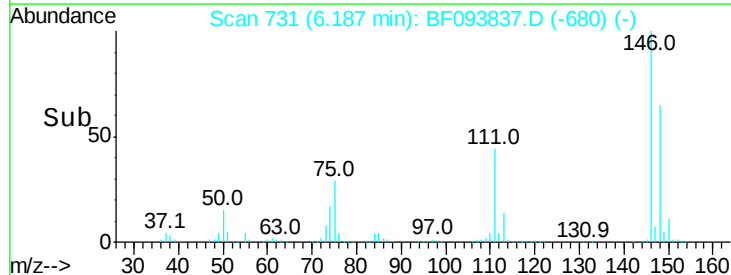
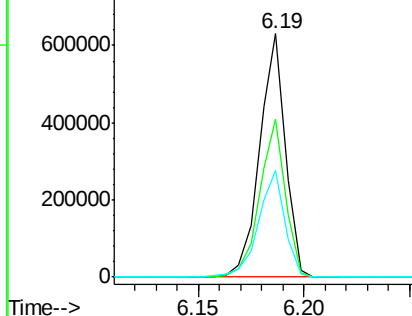


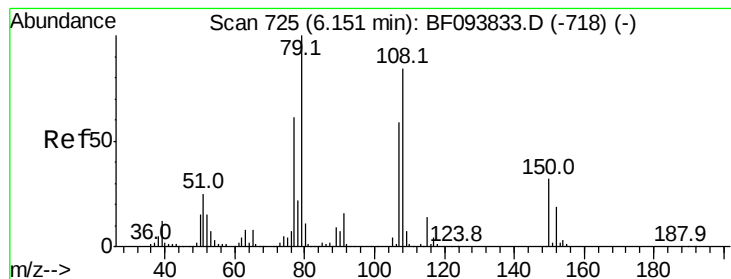
#14
 1,2-Dichlorobenzene
 Concen: 39.70 ng
 RT: 6.19 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion:146 Resp: 533392
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.4 75.6
 111 43.8 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: 40.60 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Instrument :

BNA_F

ClientSampleId :

ICVBF032217

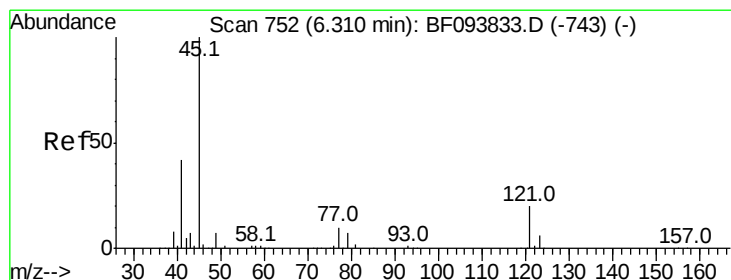
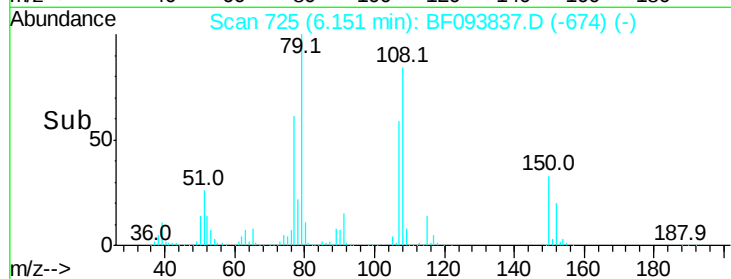
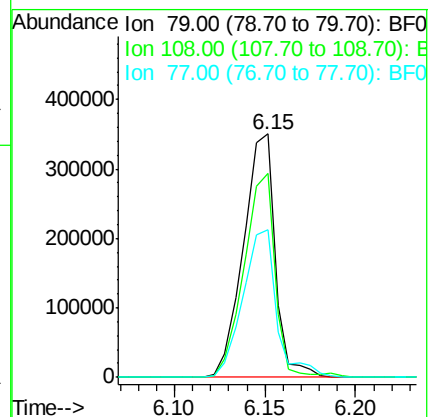
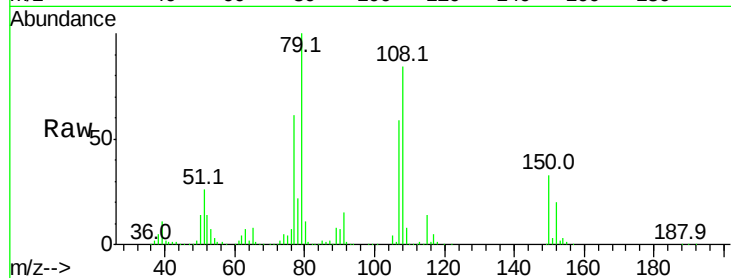
Tot Ion: 79 Resp: 429503

Ion Ratio Lower Upper

79 100

108 83.9 63.4 95.0

77 60.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.84 ng

RT: 6.31 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

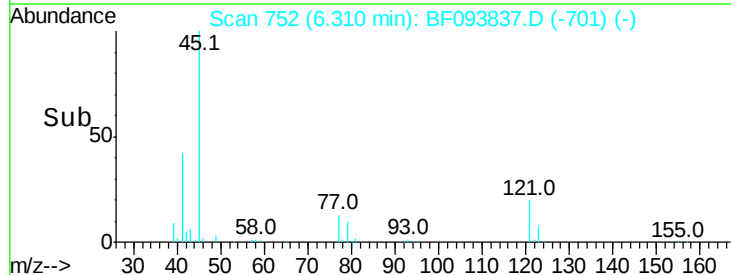
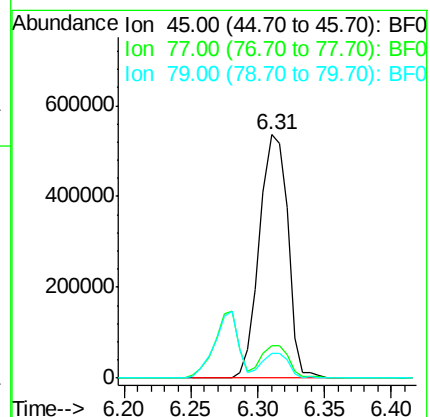
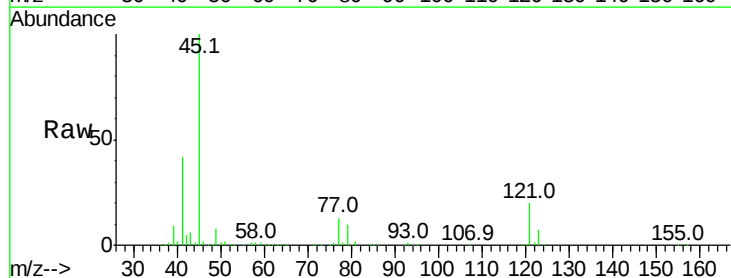
Tgt Ion: 45 Resp: 788965

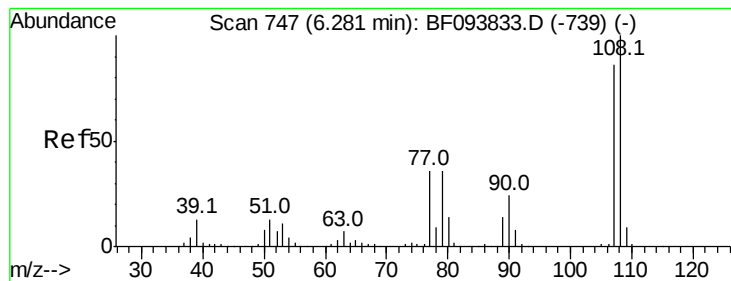
Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.2

79 10.0 0.0 30.0

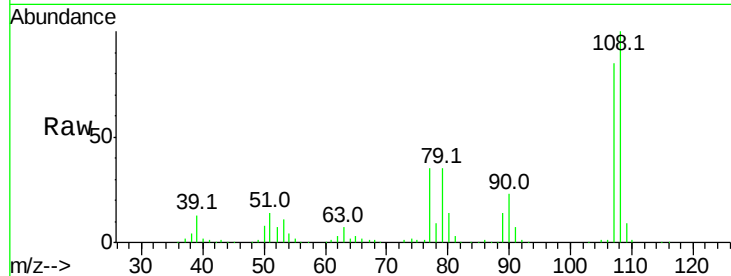




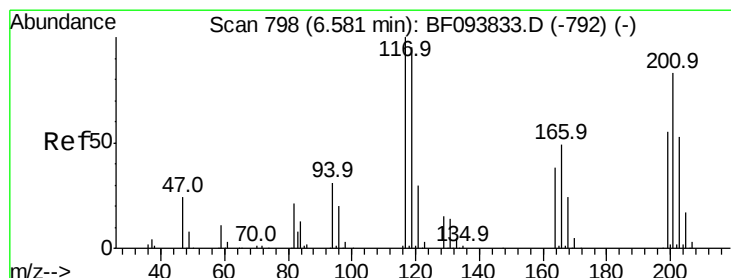
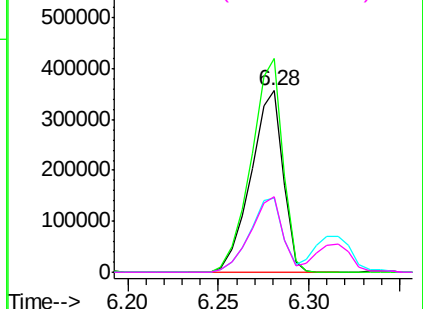
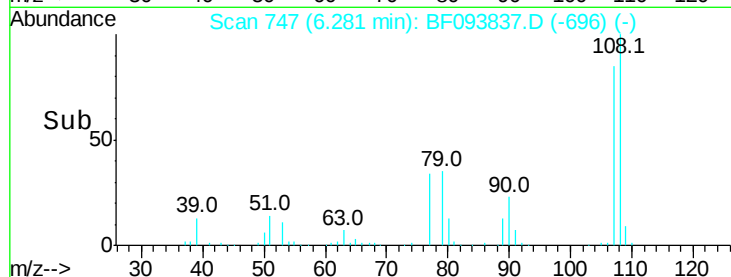
#17
2-Methylphenol
Concen: 40.03 ng
RT: 6.28 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Instrument :
BNA_F
ClientSampleId :
ICVBF032217

Tot Ion:107 Resp: 440273
Ion Ratio Lower Upper
107 100
108 117.6 93.4 140.0
77 41.2 35.8 53.6
79 41.7 34.8 52.2

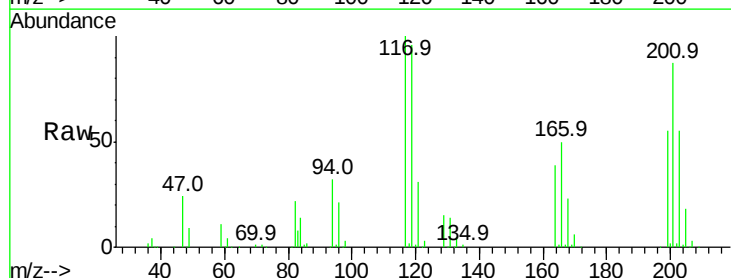


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

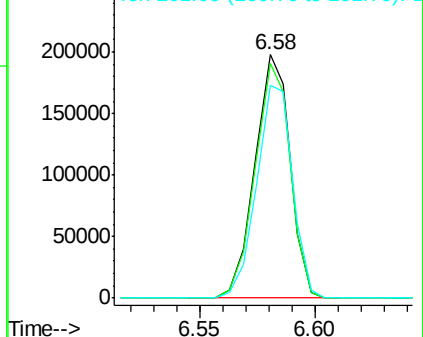
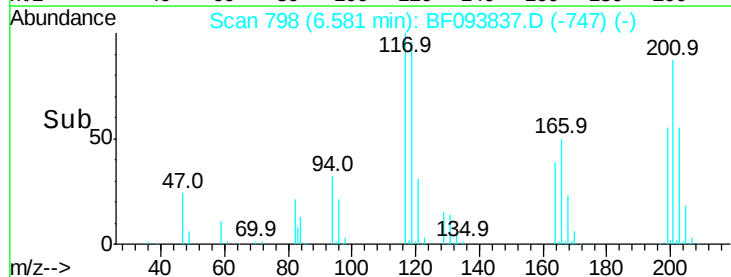


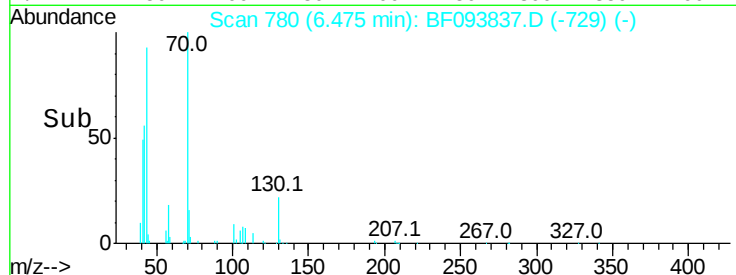
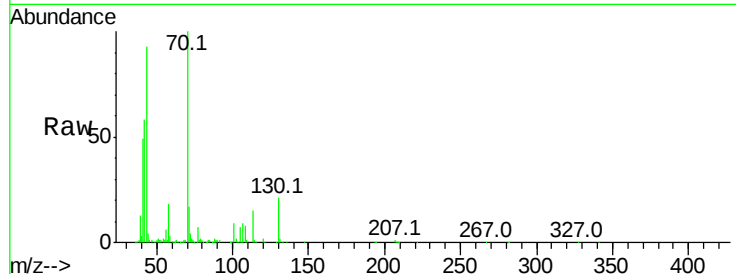
#18
Hexachloroethane
Concen: 40.88 ng
RT: 6.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion:117 Resp: 209621
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
201 87.4 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

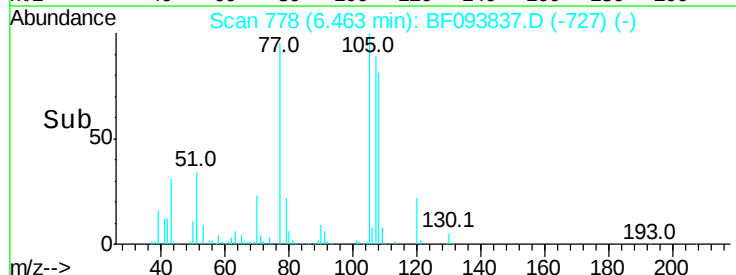
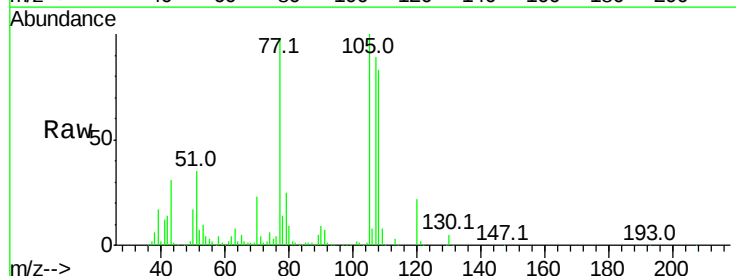
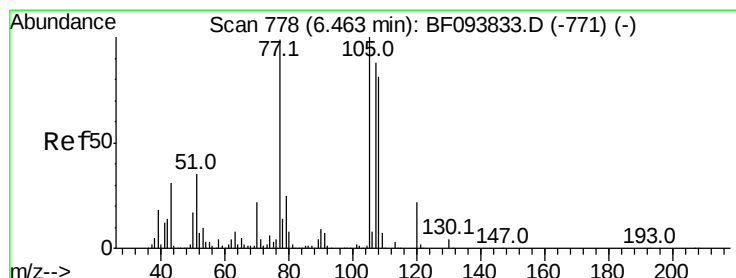
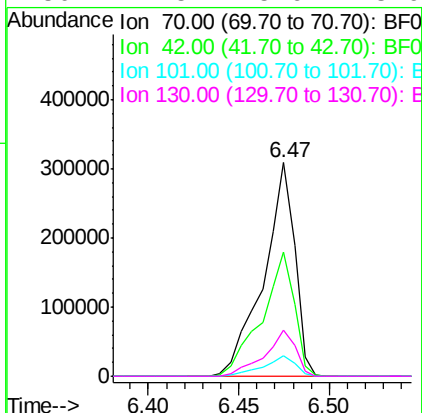




#19
n-Nitroso-di-n-propylamine
Concen: 39.78 ng
RT: 6.47 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

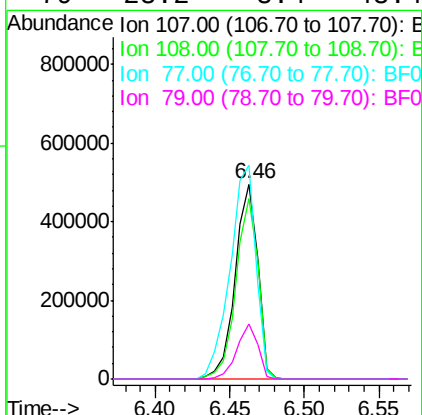
Instrument :
BNA_F
ClientSampleId :
ICVBF032217

Tot Ion:	70	Resp:	369528
Ion	Ratio	Lower	Upper
70	100		
42	58.3	47.2	70.8
101	9.4	7.2	10.8
130	21.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.51 ng
RT: 6.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion:	107	Resp:	526196
Ion	Ratio	Lower	Upper
107	100		
108	92.7	71.0	111.0
77	109.6	90.5	130.5
79	28.2	8.4	48.4

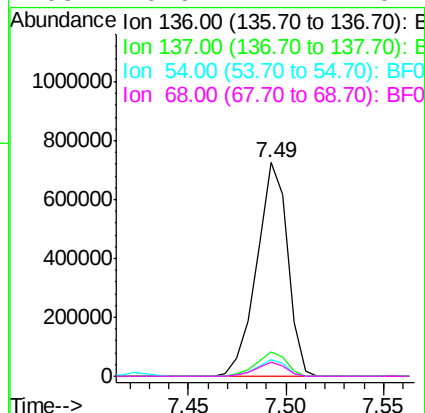
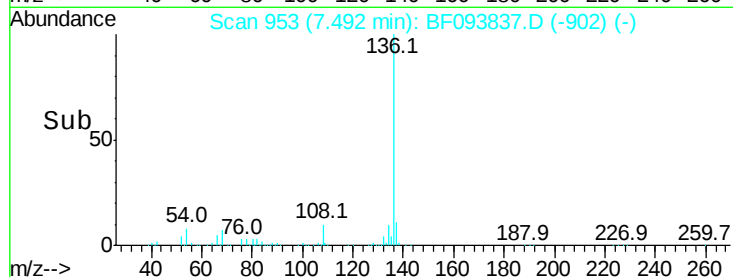
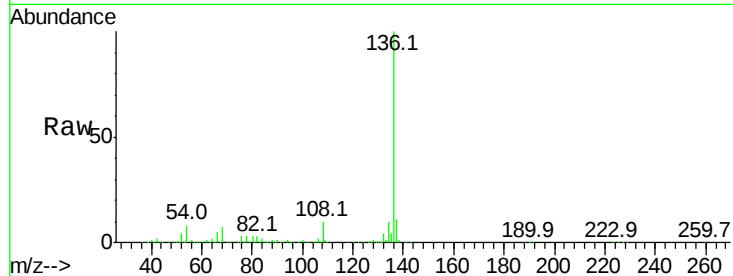




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

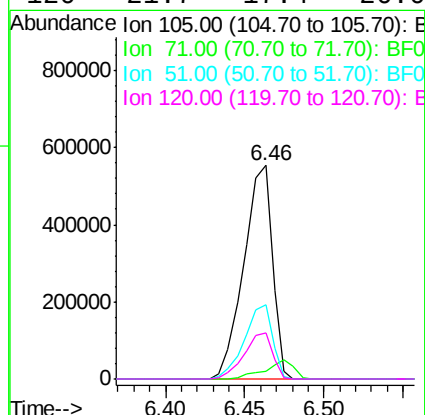
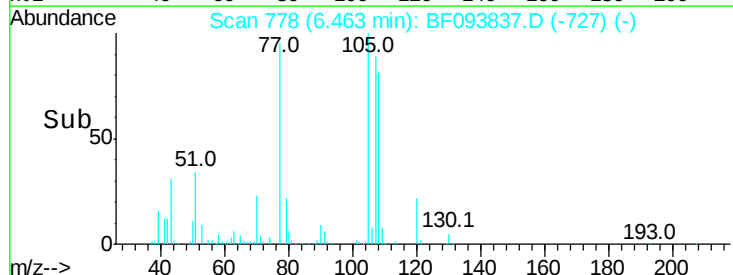
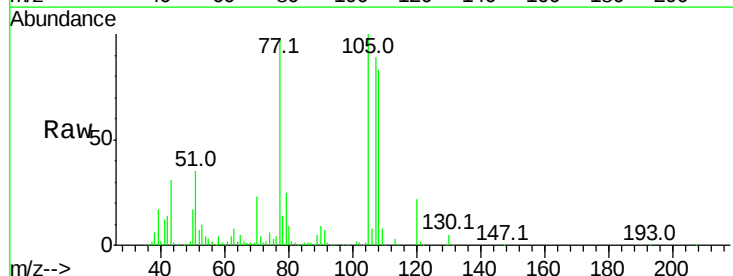
Instrument :
BNA_F
ClientSampleId :
ICVBF032217

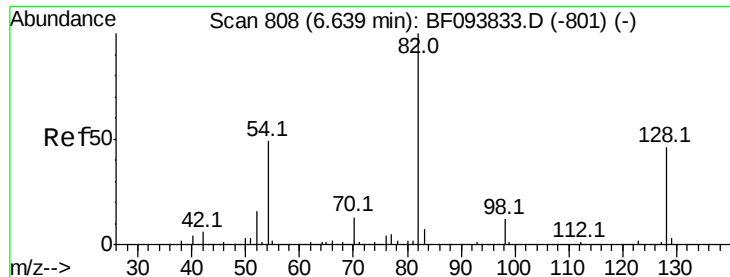
Tot Ion:136	Resp:	793480
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.5 12.7
54	8.0	4.9 7.3#
68	6.6	4.1 6.1#



#22
Acetophenone
Concen: 39.24 ng
RT: 6.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion:105	Resp:	694010
Ion Ratio	Lower	Upper
105	100	
71	3.8	2.8 4.2
51	35.0	30.7 46.1
120	21.7	17.4 26.0



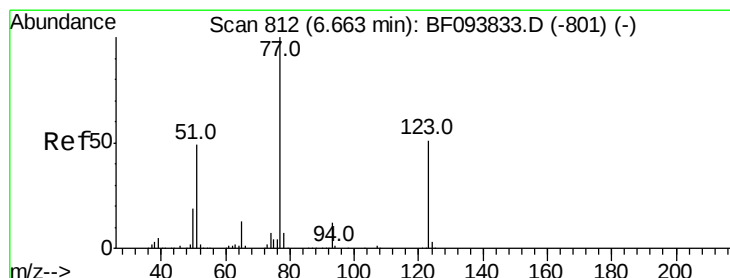
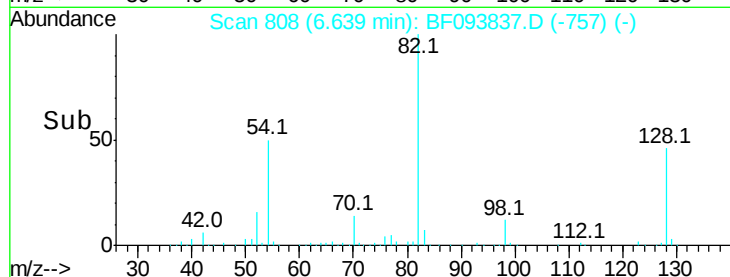
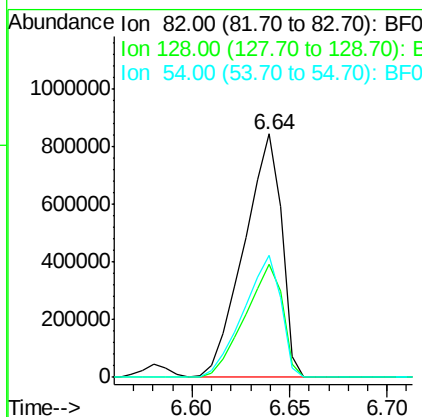
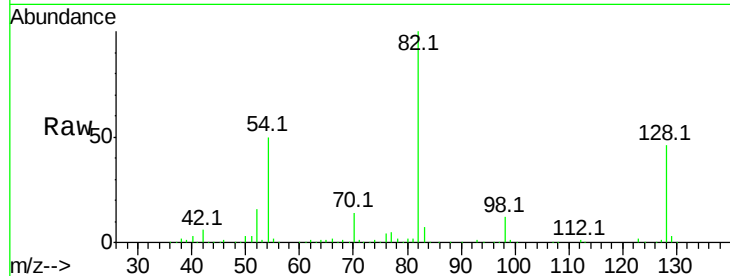


#23
 Nitrobenzene-d5
 Concen: 81.03 ng
 RT: 6.64 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion: 82 Resp: 1126610

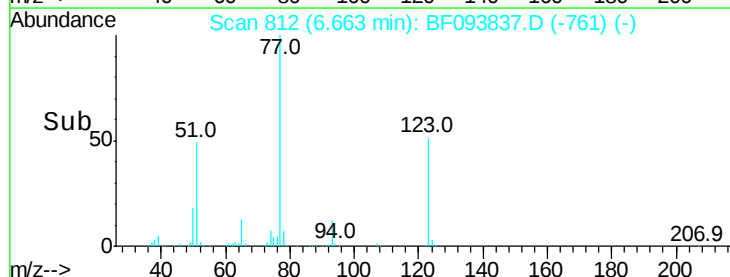
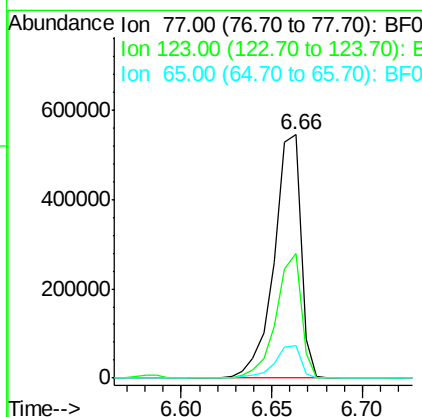
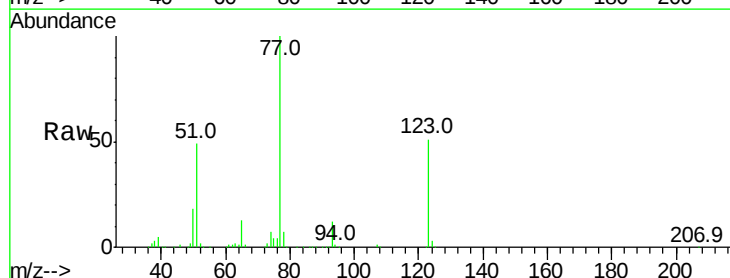
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	50.2	42.2	63.2

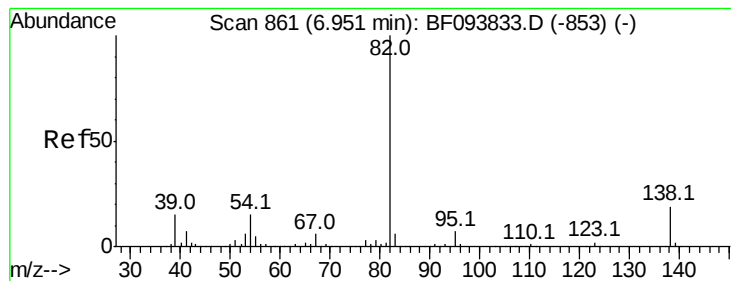


#24
 Nitrobenzene
 Concen: 40.87 ng
 RT: 6.66 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion: 77 Resp: 560381

Ion	Ratio	Lower	Upper
77	100		
123	51.2	35.8	53.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 40.48 ng

RT: 6.95 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Instrument :

BNA_F

ClientSampleId :

ICVBF032217

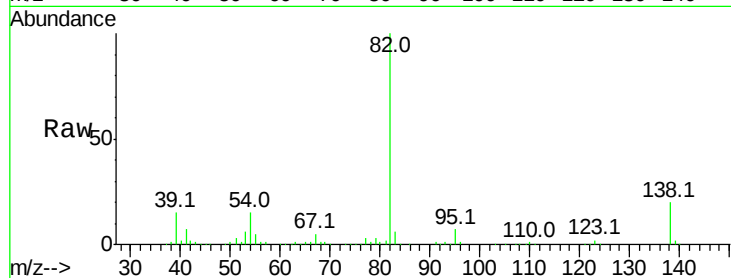
Tot Ion: 82 Resp: 988890

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

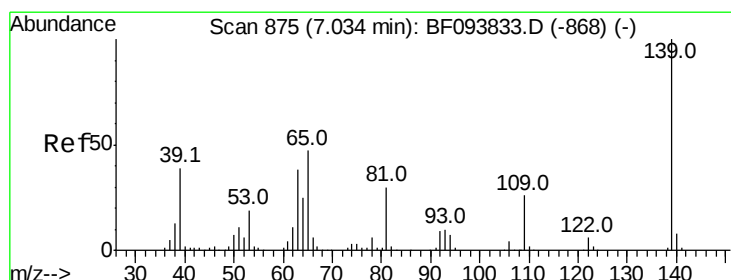
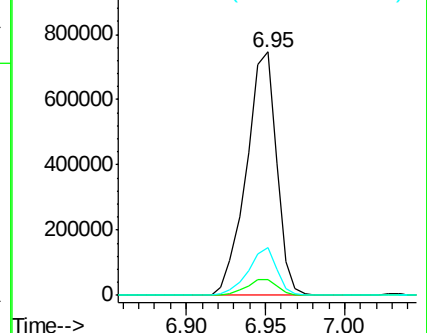
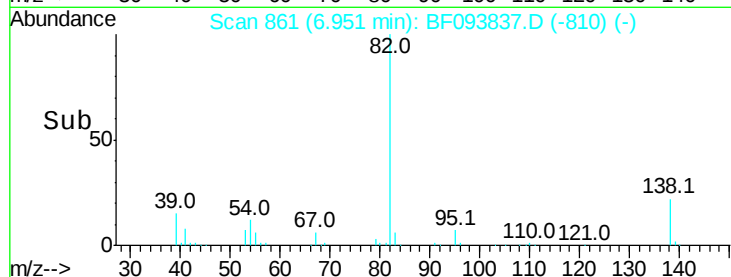
138 19.7 13.1 19.7#



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: 42.58 ng

RT: 7.03 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

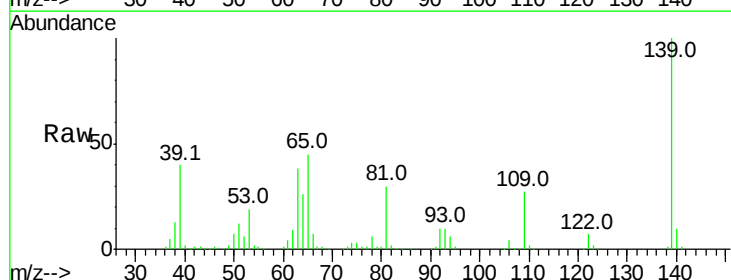
Tgt Ion:139 Resp: 278447

Ion Ratio Lower Upper

139 100

109 26.8 21.0 31.6

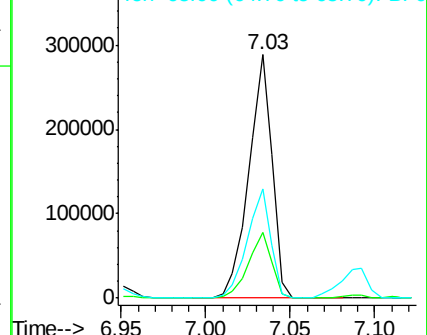
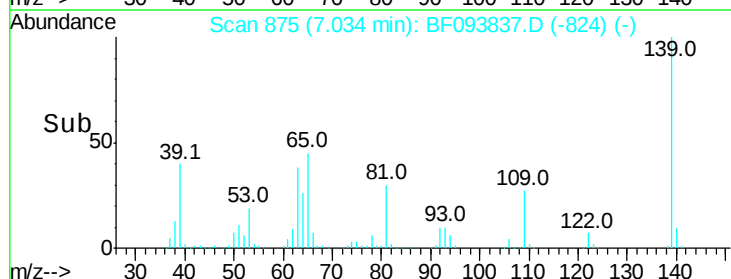
65 44.9 33.0 49.6

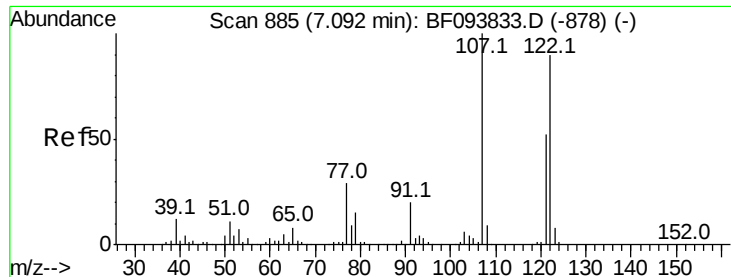


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

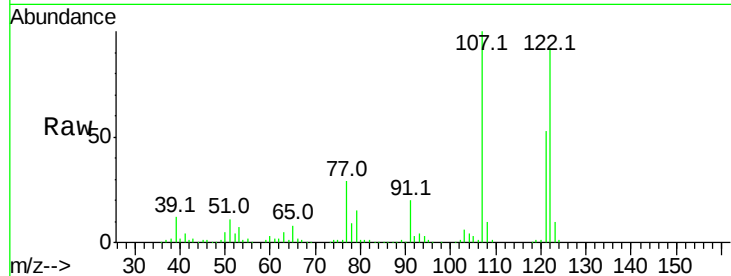




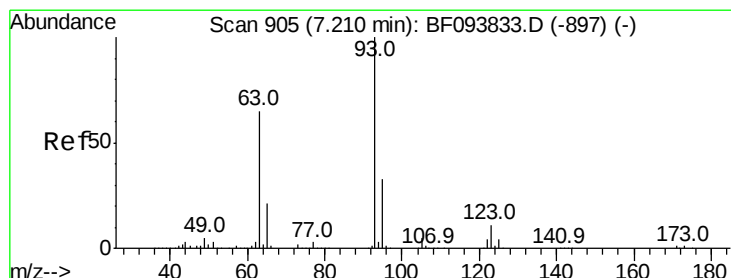
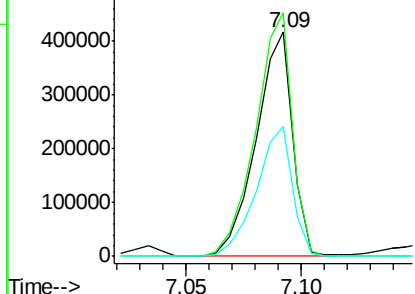
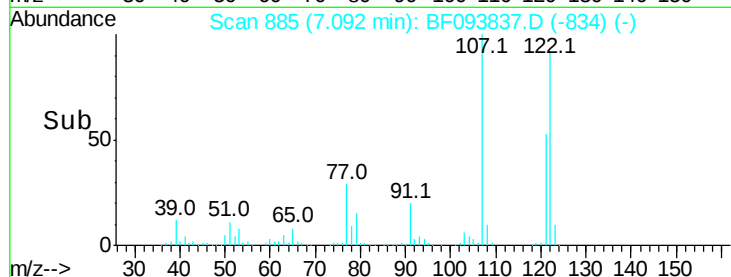
#27
 2,4-Dimethylphenol
 Concen: 40.69 ng
 RT: 7.09 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion:122 Resp: 458545
 Ion Ratio Lower Upper
 122 100
 107 108.6 89.2 133.8
 121 58.0 45.2 67.8

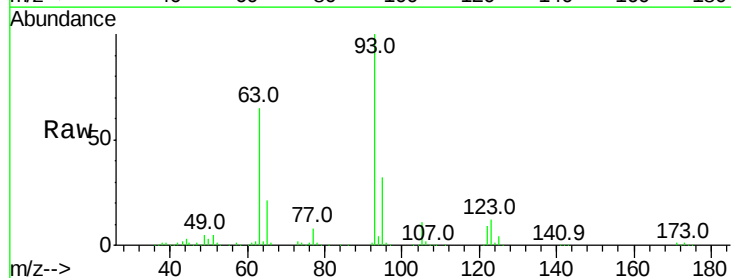


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

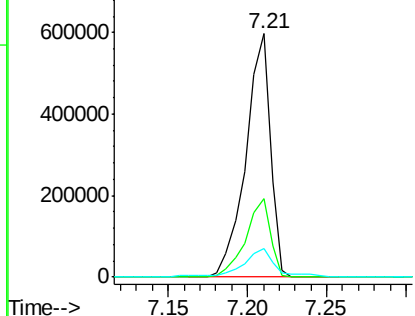
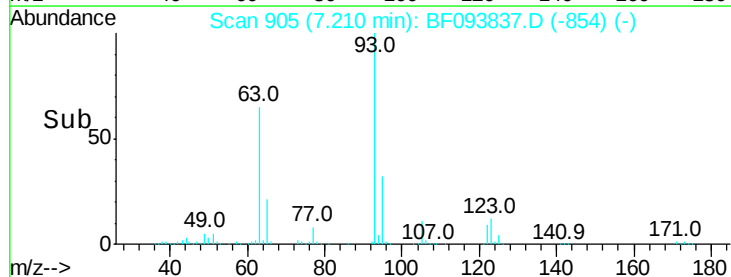


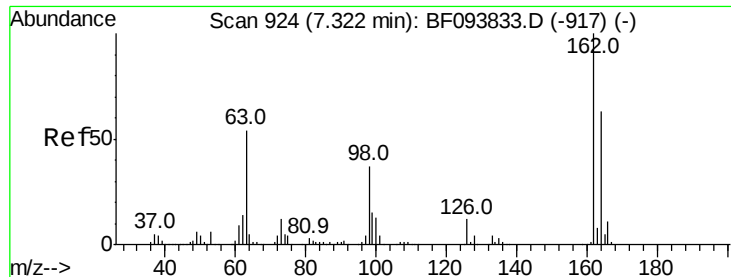
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.62 ng
 RT: 7.21 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion: 93 Resp: 638335
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 11.9 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

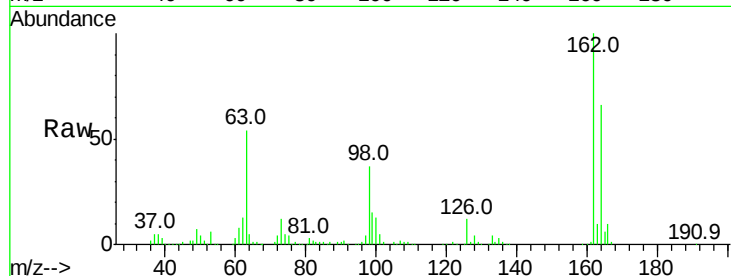




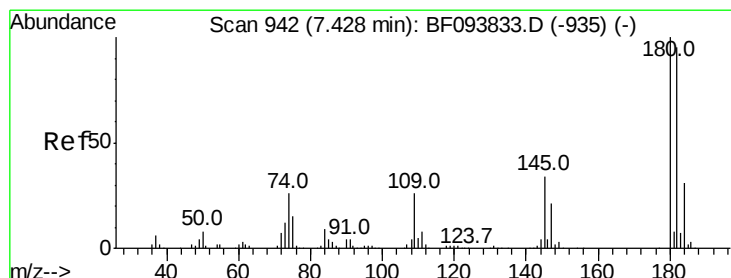
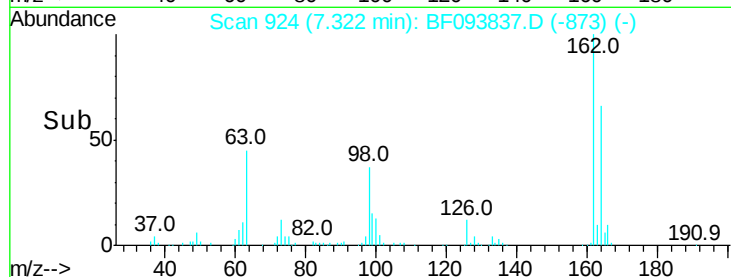
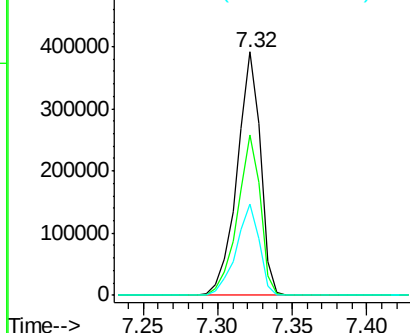
#29
 2,4-Dichlorophenol
 Concen: 40.51 ng
 RT: 7.32 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.6	84.6
98	37.4	14.8	54.8

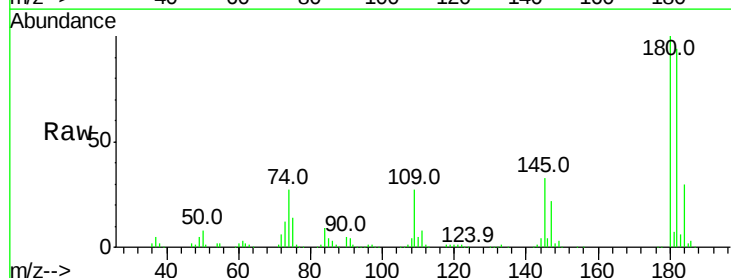


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

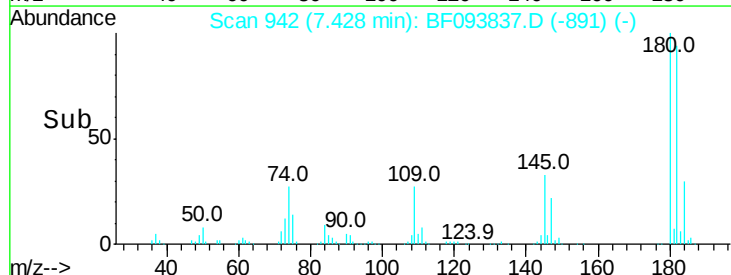
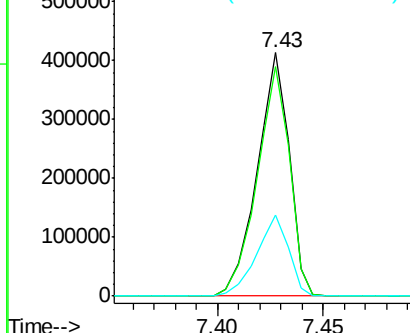


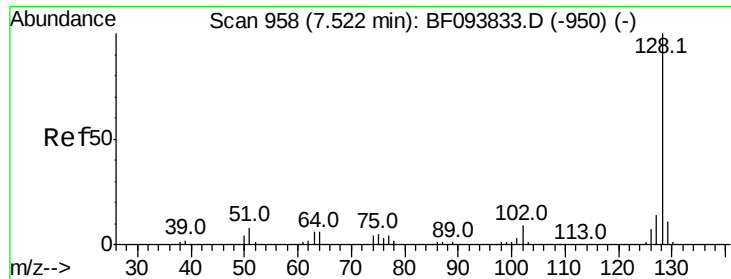
#30
 1,2,4-Trichlorobenzene
 Concen: 40.13 ng
 RT: 7.43 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.6
145	33.2	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

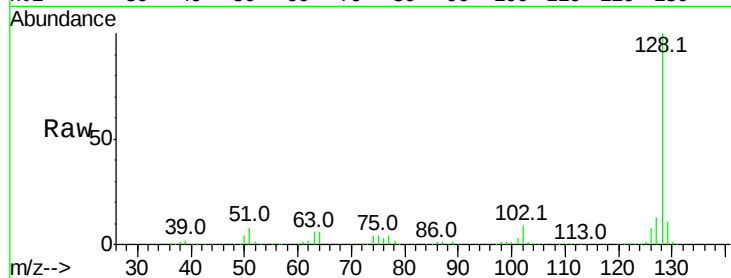




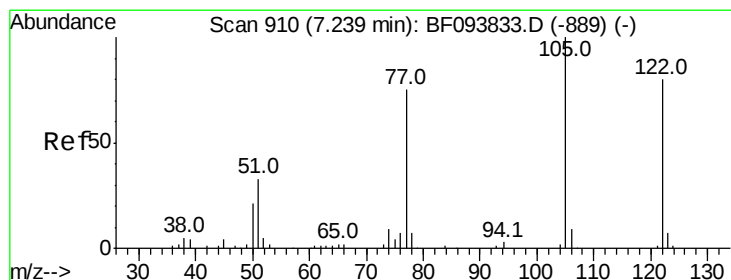
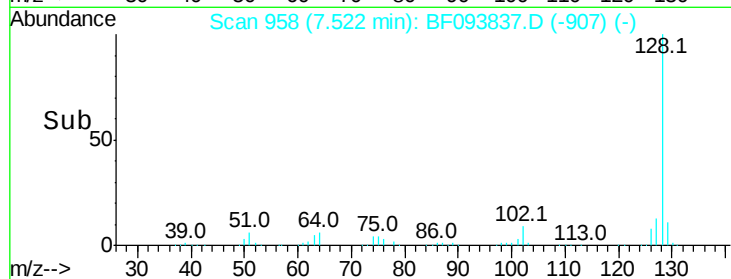
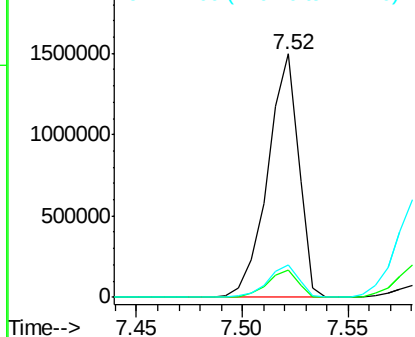
#31
Naphthalene
Concen: 39.96 ng
RT: 7.52 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Instrument :
BNA_F
ClientSampleId :
ICVBF032217

Tot Ion:128 Resp: 1524617
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.8 16.2

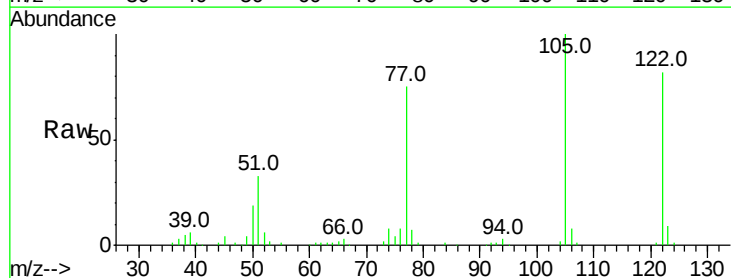


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

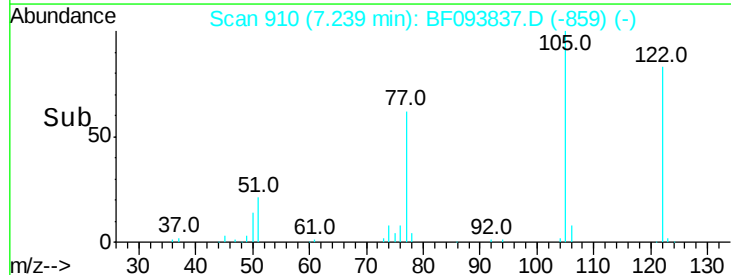
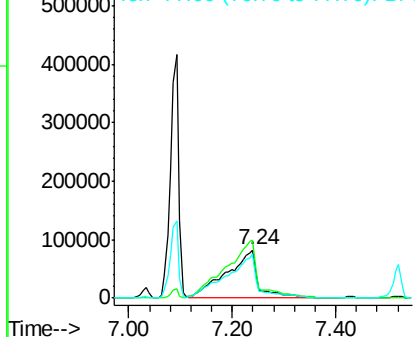


#32
Benzoic acid
Concen: 45.88 ng
RT: 7.24 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion:122 Resp: 344151
Ion Ratio Lower Upper
122 100
105 122.2 103.3 143.3
77 92.3 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: 39.46 ng

RT: 7.58 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Instrument :

BNA_F

ClientSampleId :

ICVBF032217

Tot Ion:127 Resp: 610209

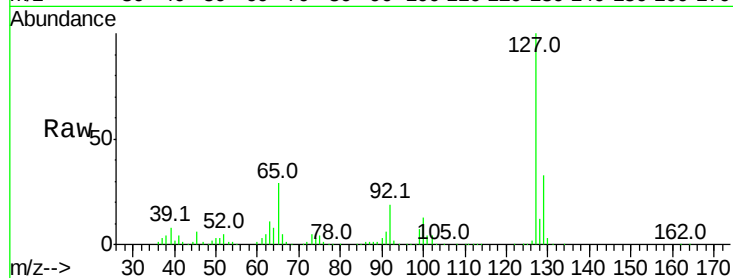
Ion Ratio Lower Upper

127 100

129 32.8 26.2 39.2

65 29.4 27.8 41.8

92 18.9 16.8 25.2

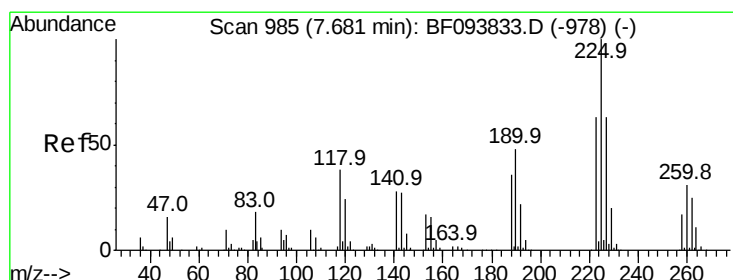
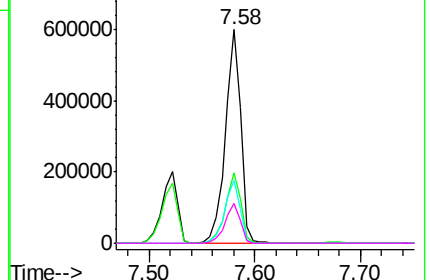
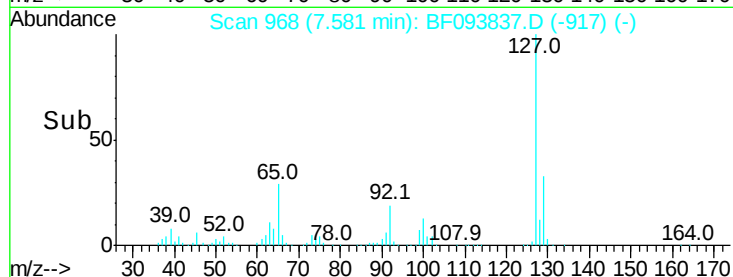


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.58 ng

RT: 7.68 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

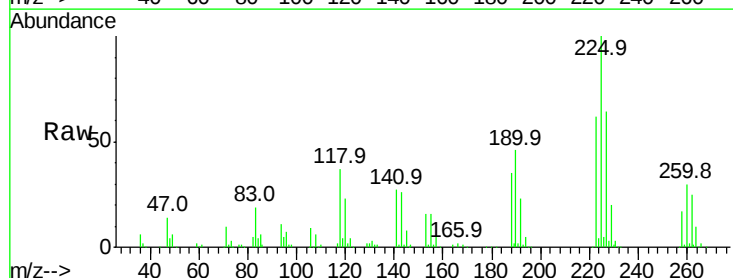
Tgt Ion:225 Resp: 225829

Ion Ratio Lower Upper

225 100

223 62.5 48.8 73.2

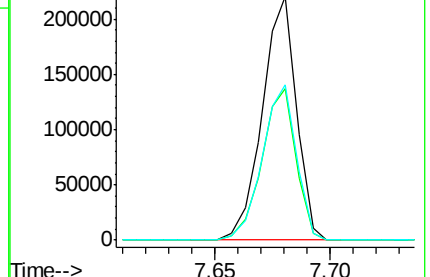
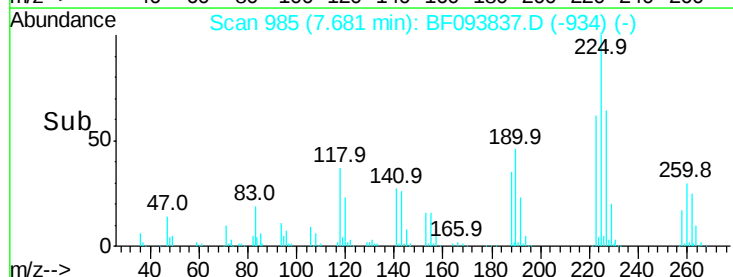
227 63.6 51.1 76.7

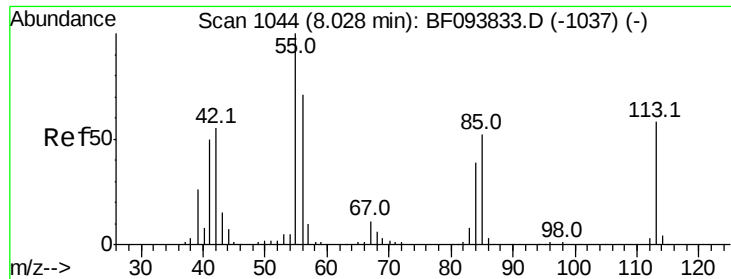


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

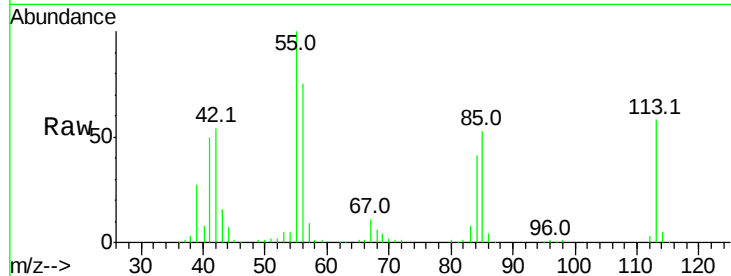




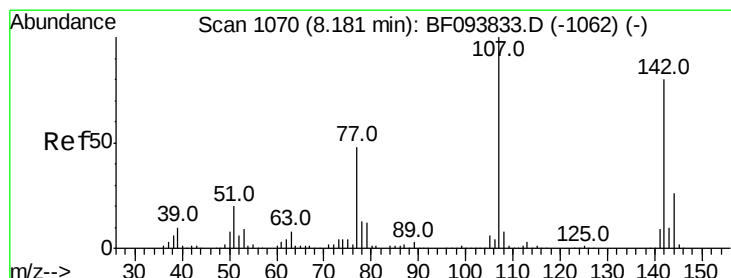
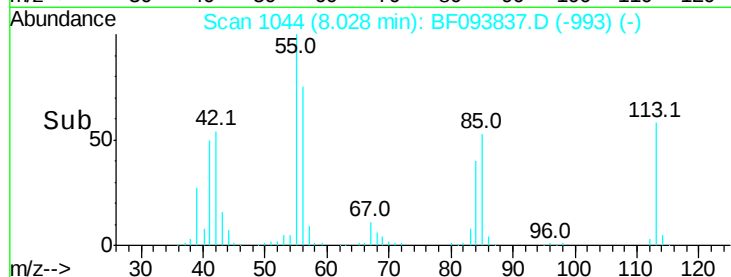
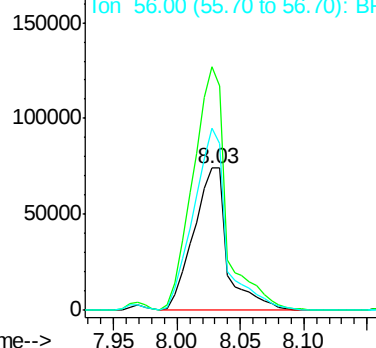
#35
 Caprolactam
 Concen: 40.96 ng
 RT: 8.03 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion:113 Resp: 137612
 Ion Ratio Lower Upper
 113 100
 55 171.5 150.2 190.2
 56 128.2 107.8 147.8

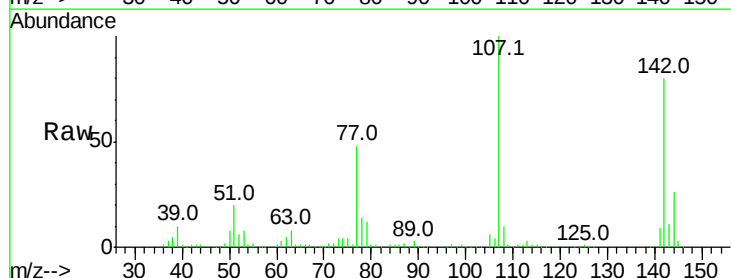


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

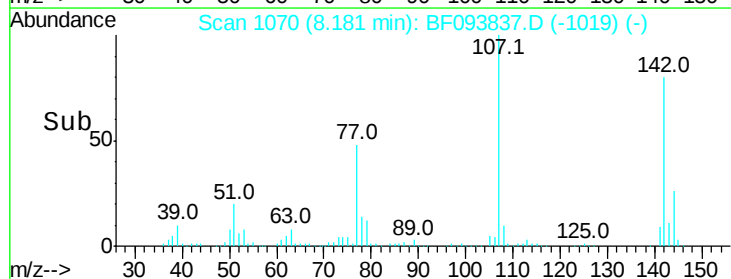
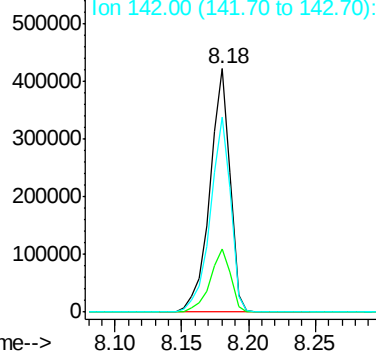


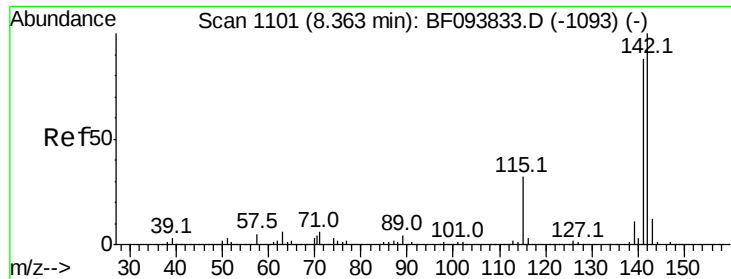
#36
 4-Chloro-3-methylphenol
 Concen: 40.38 ng
 RT: 8.18 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion:107 Resp: 444521
 Ion Ratio Lower Upper
 107 100
 144 26.0 24.2 36.4
 142 80.2 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

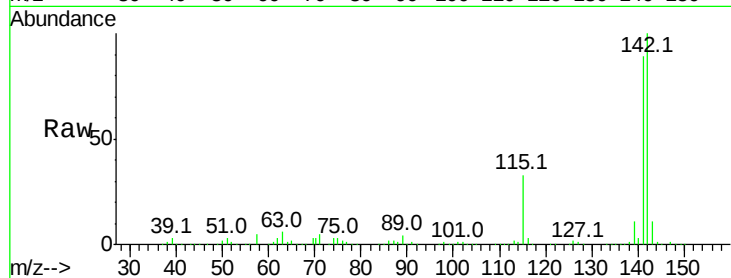




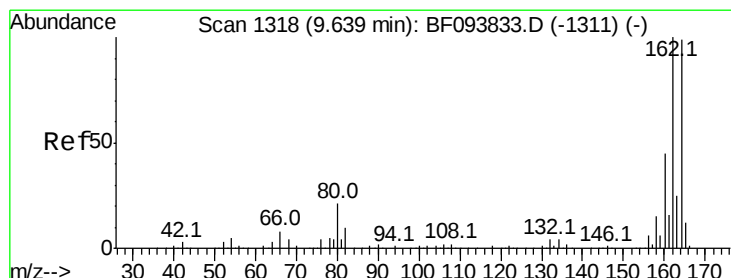
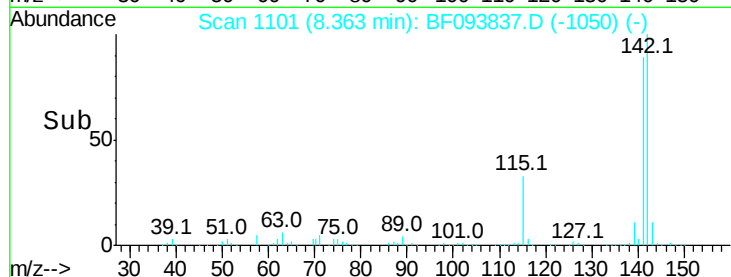
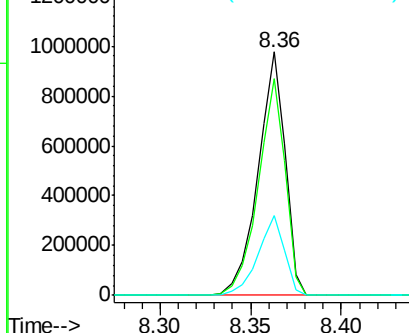
#37
2-Methylnaphthalene
Concen: 39.82 ng
RT: 8.36 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Instrument :
BNA_F
ClientSampleId :
ICVBF032217

Tot Ion:142 Resp: 1012677
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 32.7 27.1 40.7

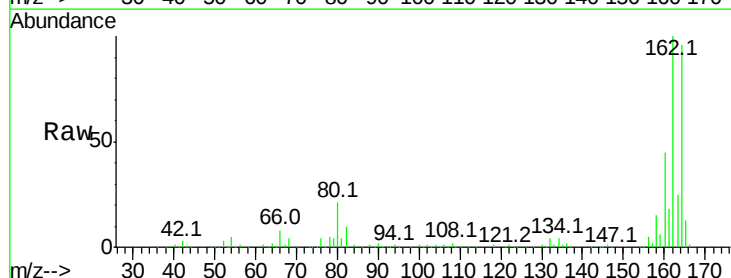


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

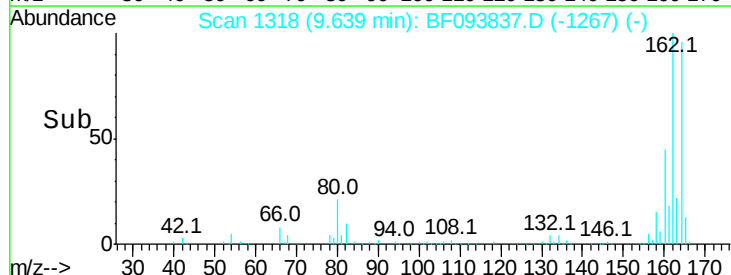
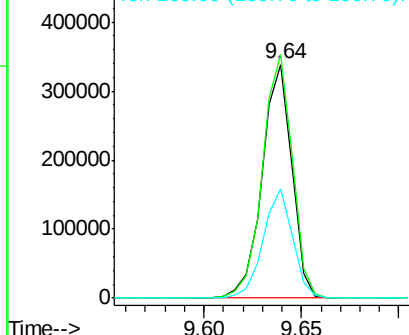


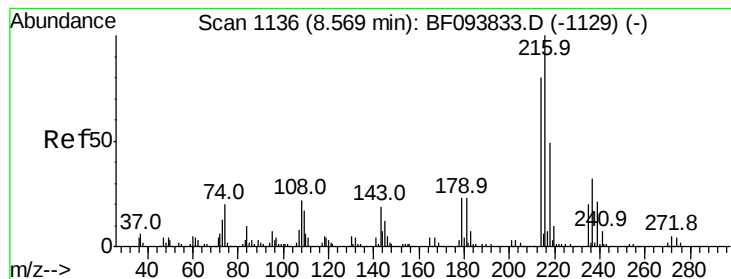
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion:164 Resp: 356522
Ion Ratio Lower Upper
164 100
162 104.2 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: 39.39 ng

RT: 8.57 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Instrument :

BNA_F

ClientSampleId :

ICVBF032217

Tot Ion:216 Resp: 384152

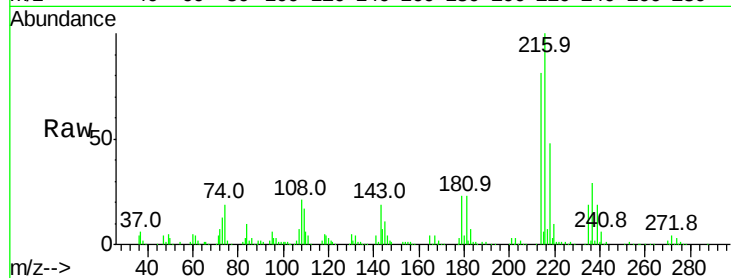
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 22.4 17.9 26.9

108 21.3 16.5 24.7

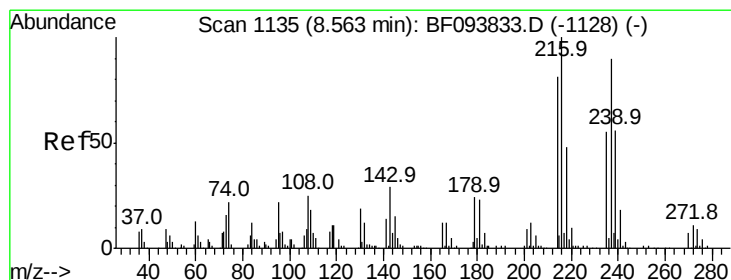
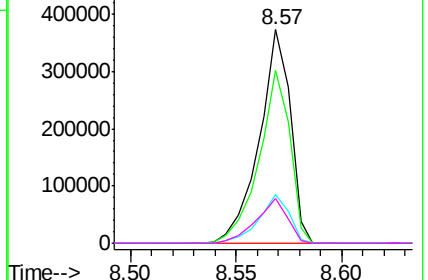
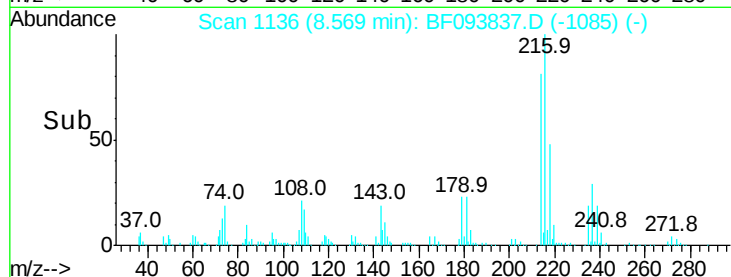


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.74 ng

RT: 8.56 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

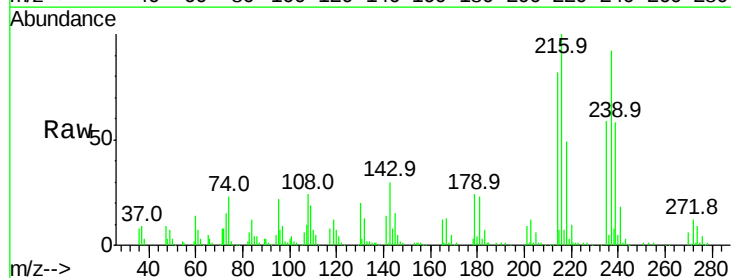
Tgt Ion:237 Resp: 195078

Ion Ratio Lower Upper

237 100

235 64.4 42.6 82.6

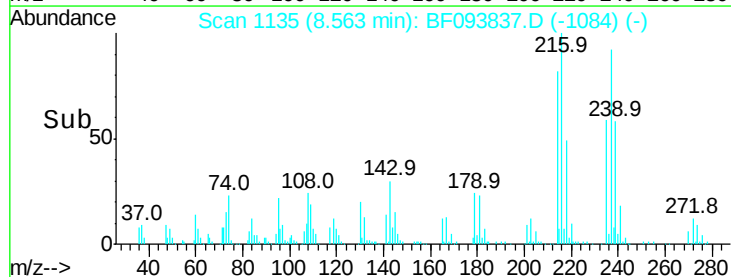
272 12.7 0.0 31.9



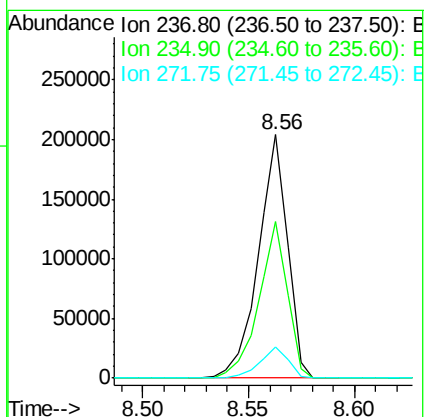
Abundance Ion 236.80 (236.50 to 237.50): E

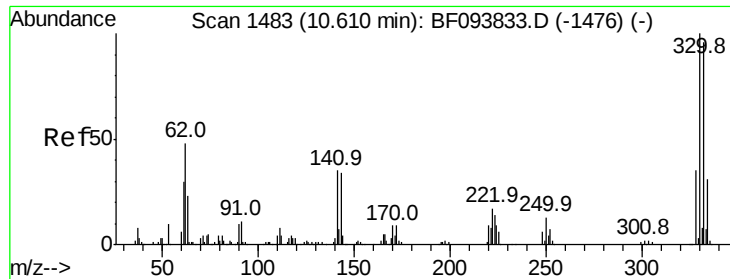
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

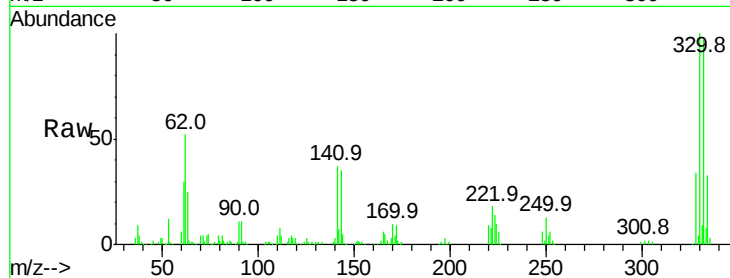




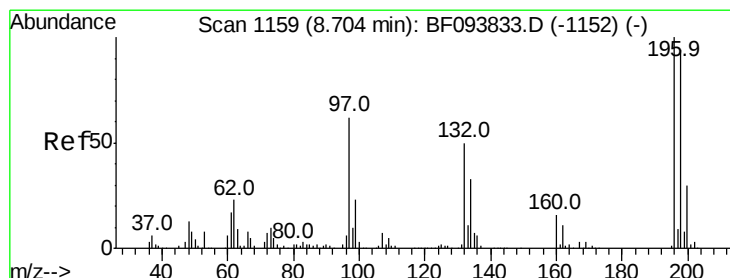
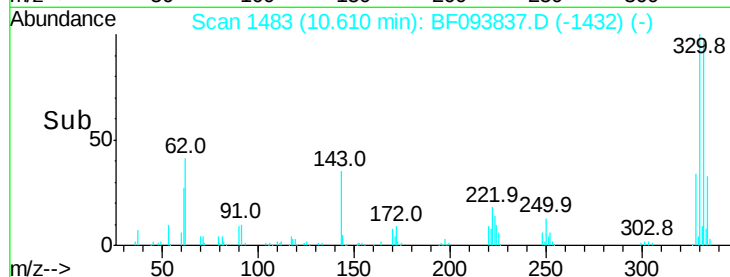
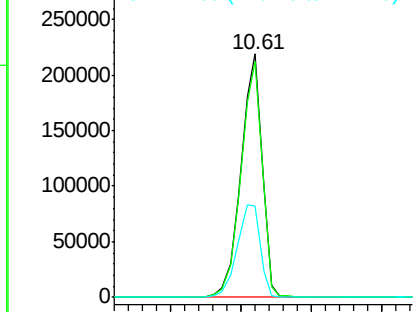
#41
 2,4,6-Tribromophenol
 Concen: 80.89 ng
 RT: 10.61 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	41.6	31.4	47.2

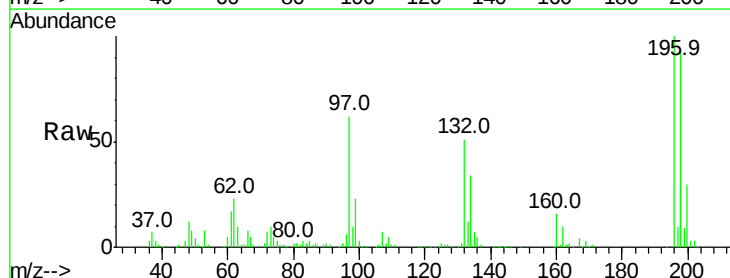


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

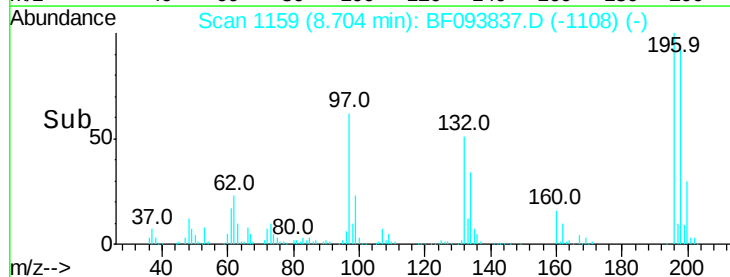
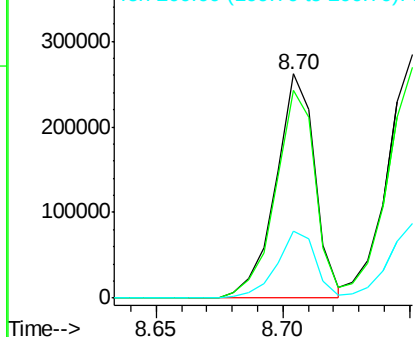


#42
 2,4,6-Trichlorophenol
 Concen: 40.67 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.6	74.2	111.4
200	29.8	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

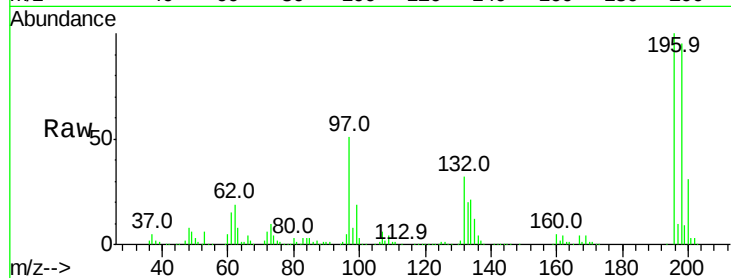




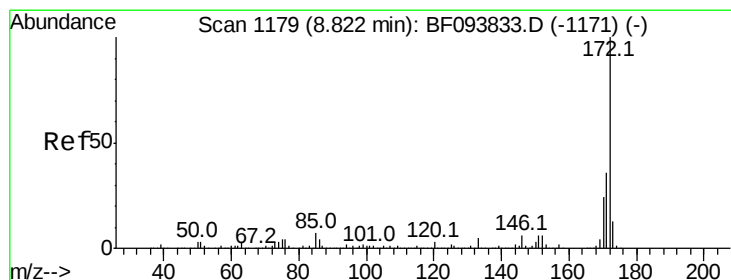
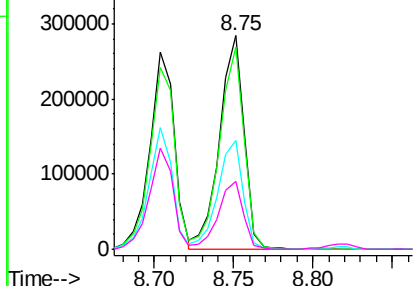
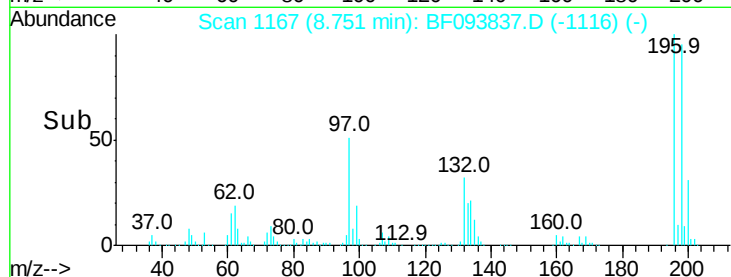
#43
 2,4,5-Trichlorophenol
 Concen: 40.80 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion:196 Resp: 304646
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 97 51.1 47.7 71.5
 132 32.1 28.0 42.0

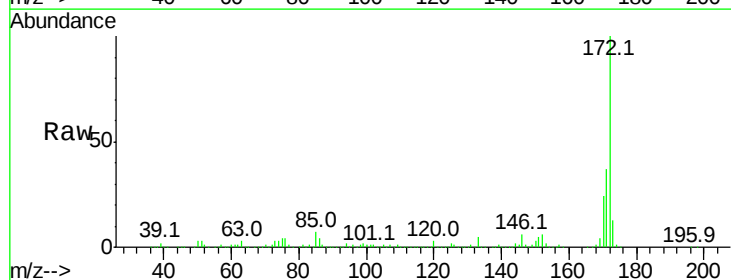


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

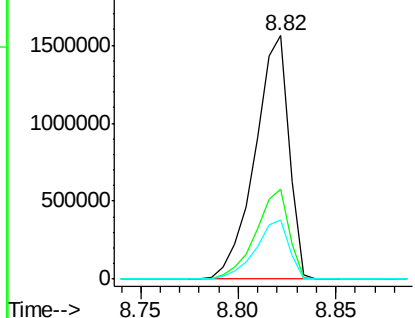
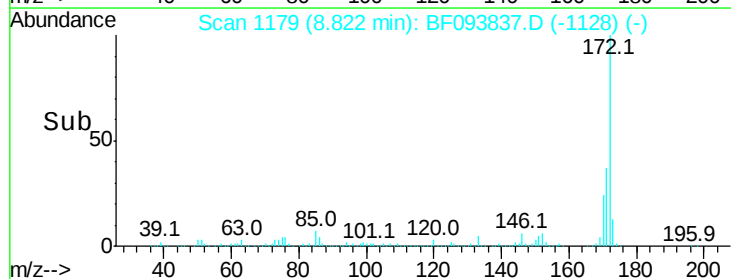


#44
 2-Fluorobiphenyl
 Concen: 80.51 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion:172 Resp: 1881844
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.4 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

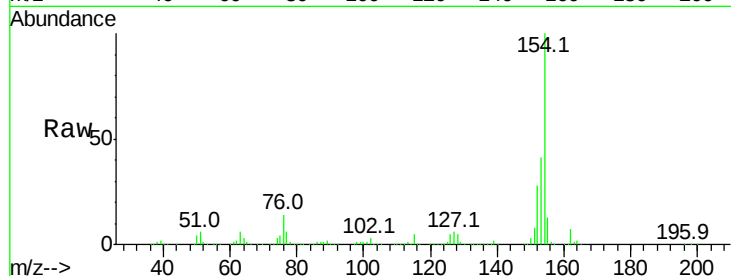




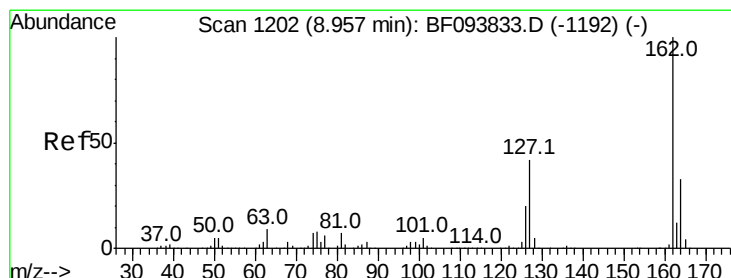
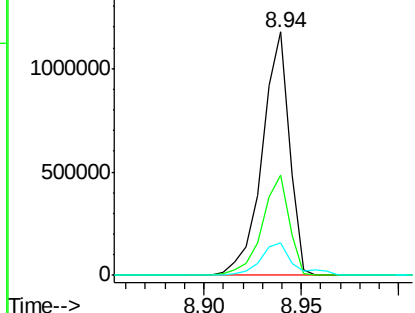
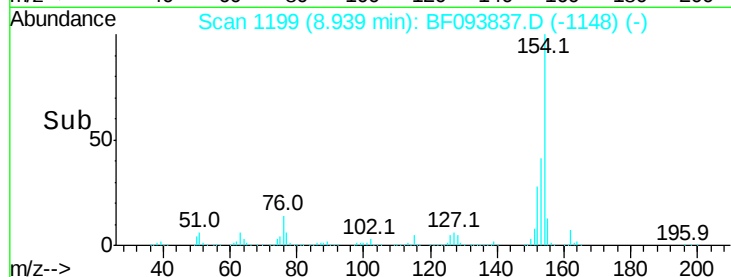
#45
1,1'-Biphenyl
Concen: 39.46 ng
RT: 8.94 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Instrument :
BNA_F
ClientSampleId :
ICVBF032217

Tot Ion:154 Resp: 1134746
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 13.5 0.0 29.9

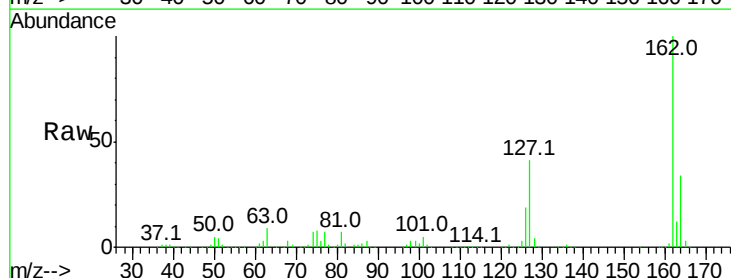


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

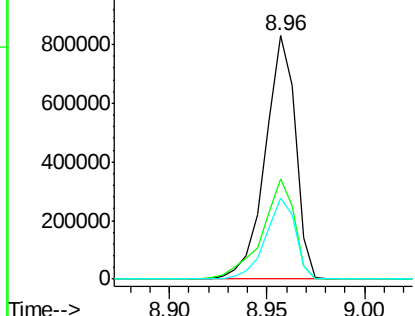
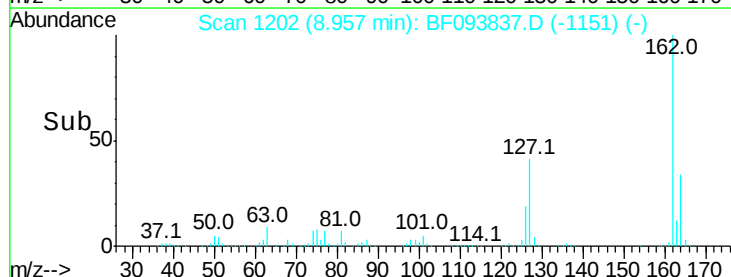


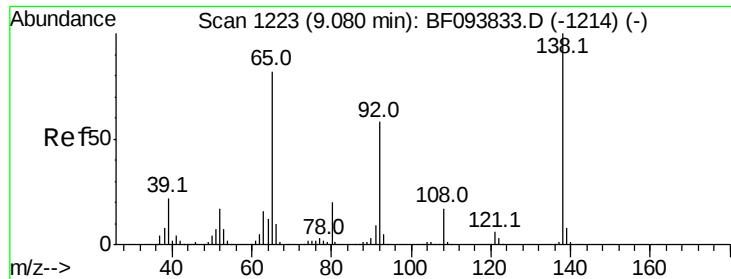
#46
2-Chloronaphthalene
Concen: 39.66 ng
RT: 8.96 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion:162 Resp: 892681
Ion Ratio Lower Upper
162 100
127 41.1 28.3 42.5
164 33.6 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

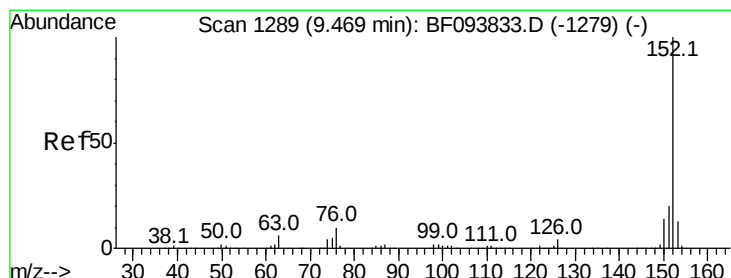
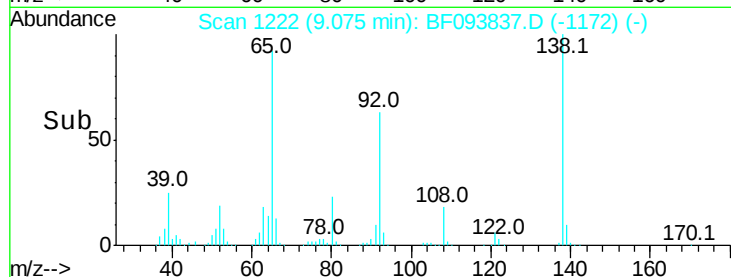
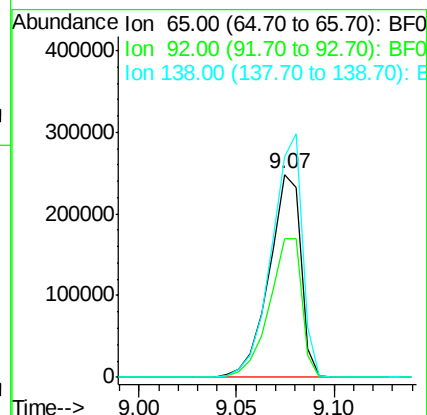
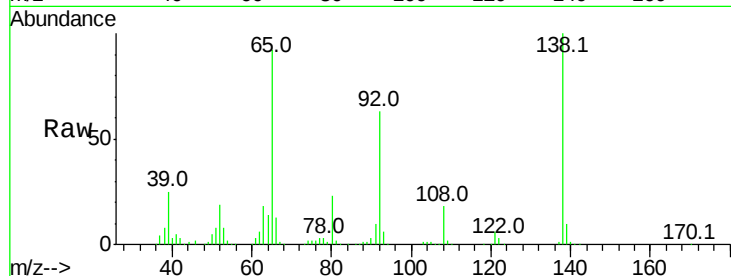




#47
2-Nitroaniline
Concen: 41.78 ng
RT: 9.07 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

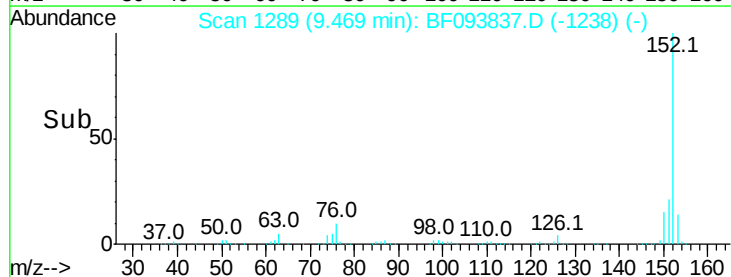
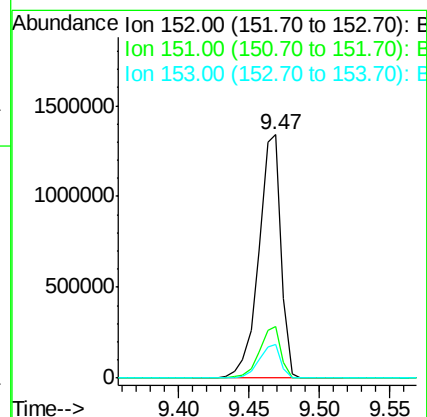
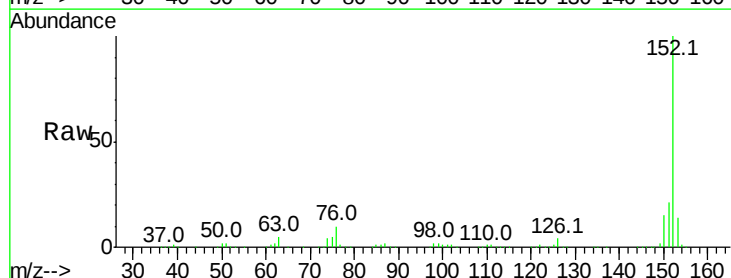
Instrument :
BNA_F
ClientSampleId :
ICVBF032217

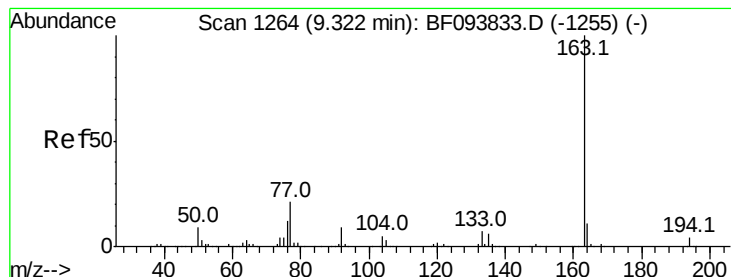
Tot Ion: 65 Resp: 278975
Ion Ratio Lower Upper
65 100
92 68.3 53.9 80.9
138 108.9 78.8 118.2



#48
Acenaphthylene
Concen: 39.76 ng
RT: 9.47 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion: 152 Resp: 1487588
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 40.11 ng

RT: 9.32 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Instrument :

BNA_F

ClientSampleId :

ICVBF032217

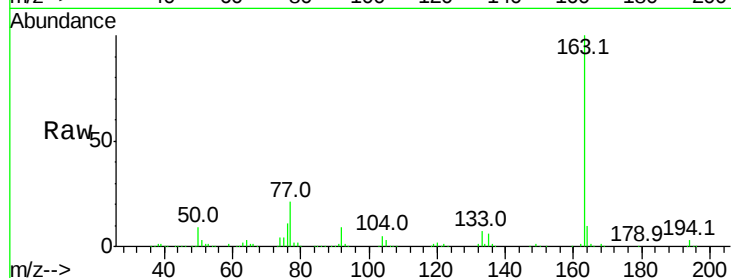
Tot Ion:163 Resp: 1016564

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

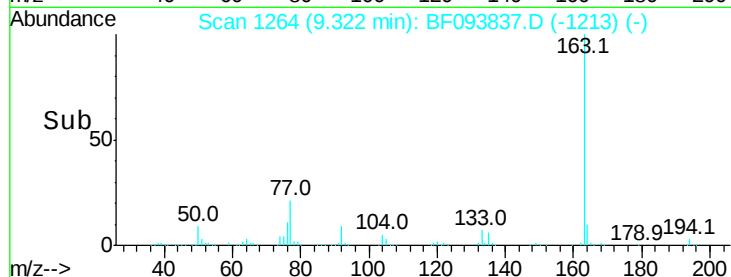
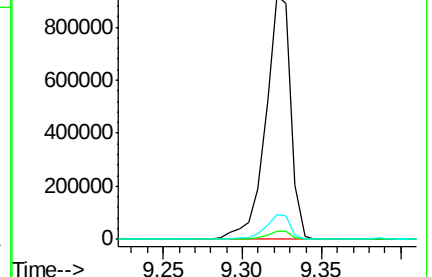
164 10.3 8.4 12.6



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: 41.51 ng

RT: 9.39 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

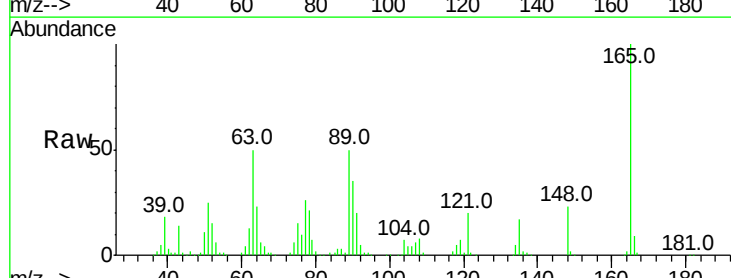
Tgt Ion:165 Resp: 241146

Ion Ratio Lower Upper

165 100

63 50.3 34.3 51.5

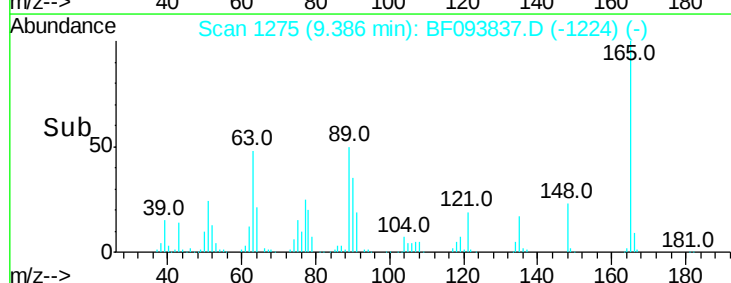
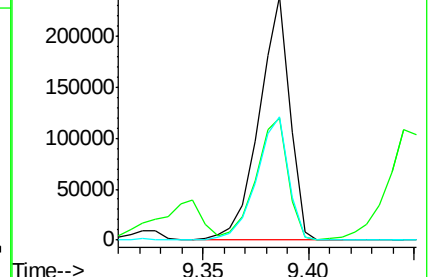
89 50.4 37.1 55.7

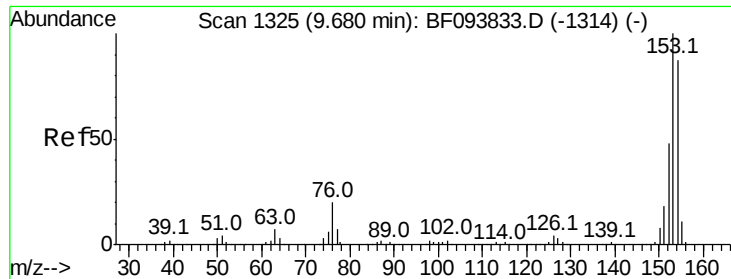


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.21 ng

RT: 9.68 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Instrument :

BNA_F

ClientSampleId :

ICVBF032217

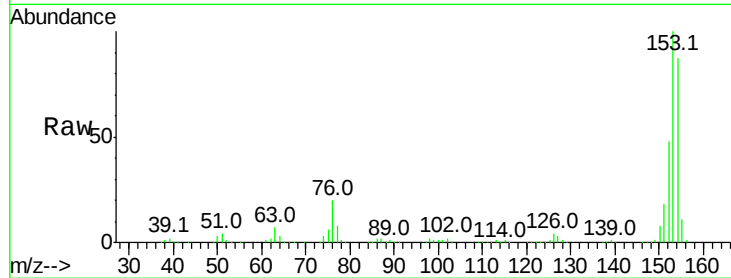
Tot Ion:154 Resp: 855972

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

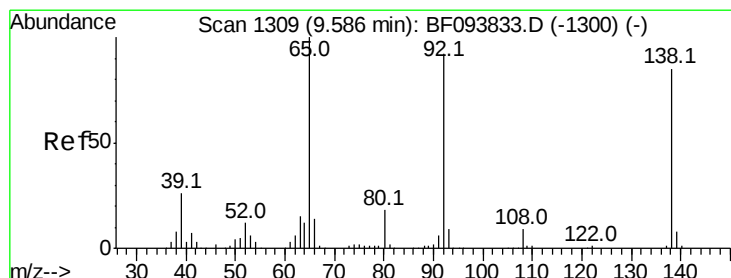
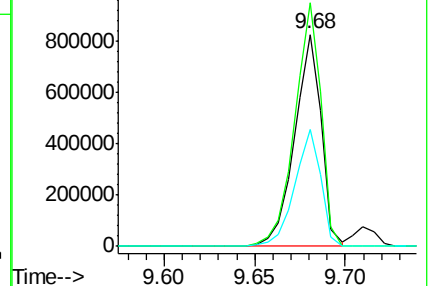
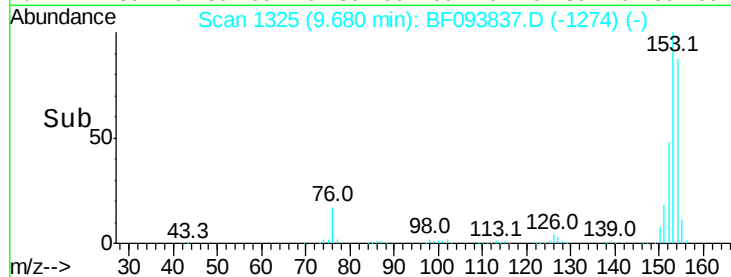
152 54.8 43.6 65.4



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: 40.63 ng

RT: 9.59 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

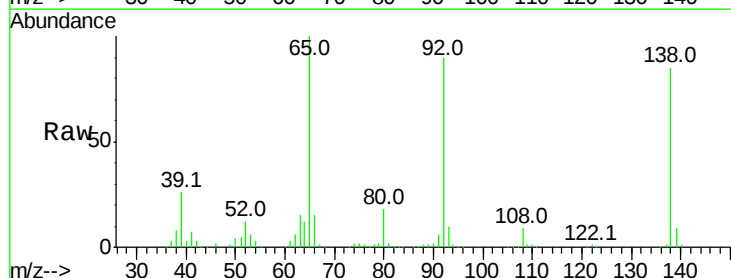
Tgt Ion:138 Resp: 277156

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

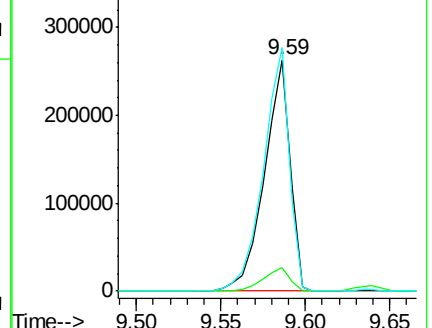
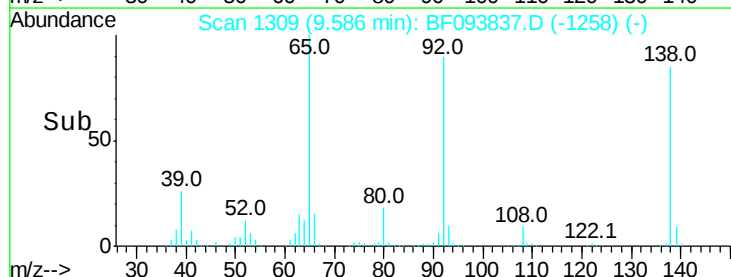
92 105.3 93.8 140.6

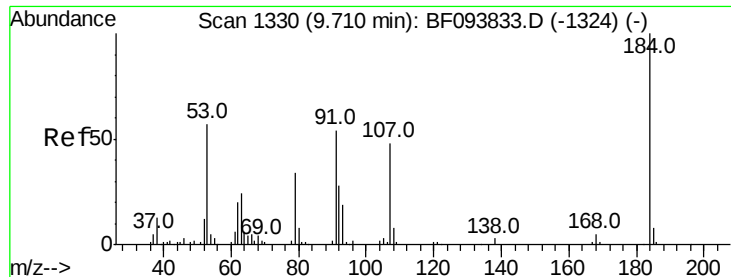


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

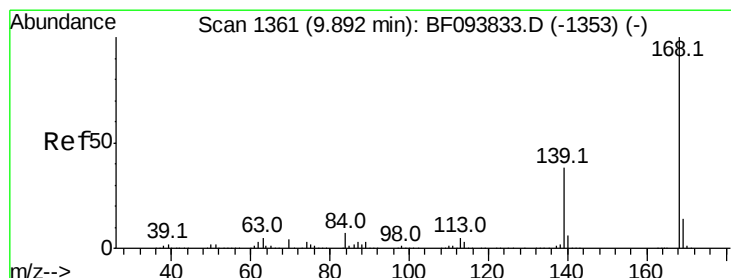
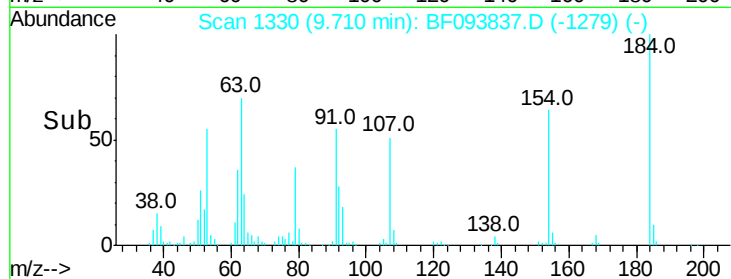
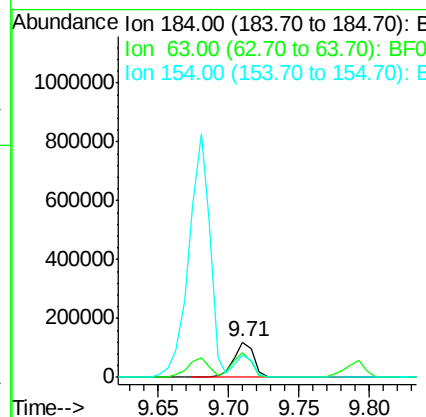
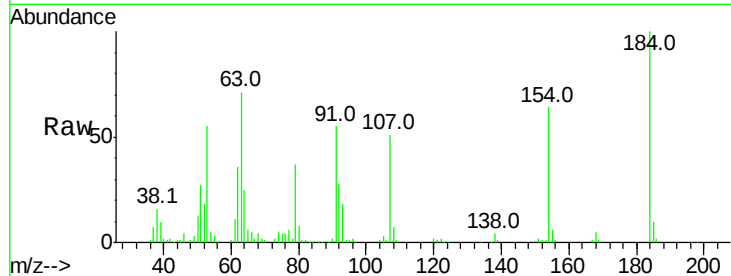




#53
 2,4-Dinitrophenol
 Concen: 40.50 ng
 RT: 9.71 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

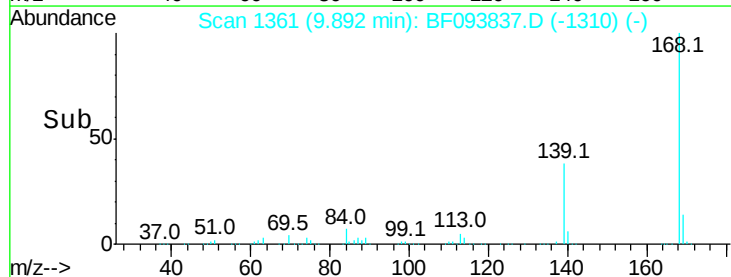
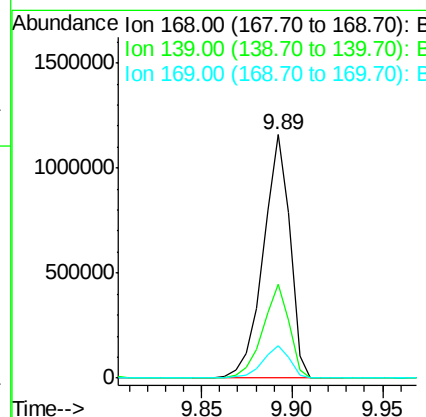
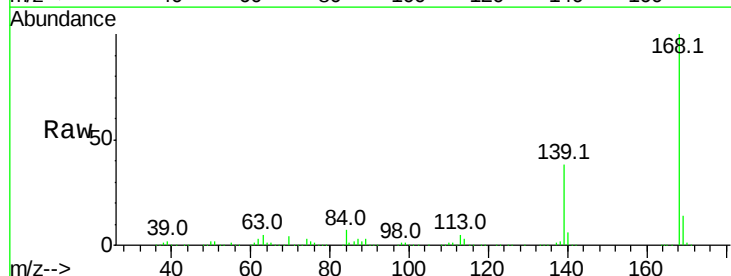
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

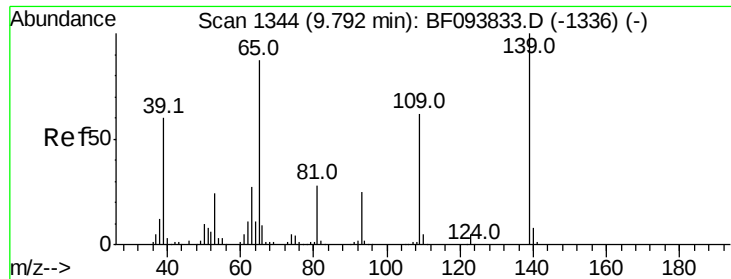
Tot Ion:184 Resp: 118324
 Ion Ratio Lower Upper
 184 100
 63 71.3 62.7 94.1
 154 63.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.90 ng
 RT: 9.89 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion:168 Resp: 1185767
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.6 45.8
 169 13.5 10.8 16.2

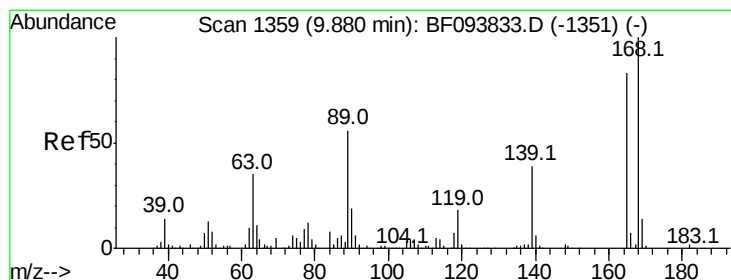
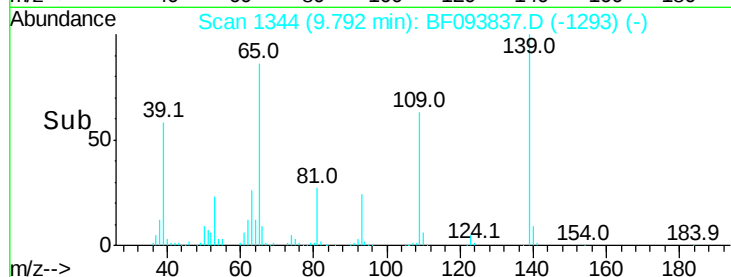
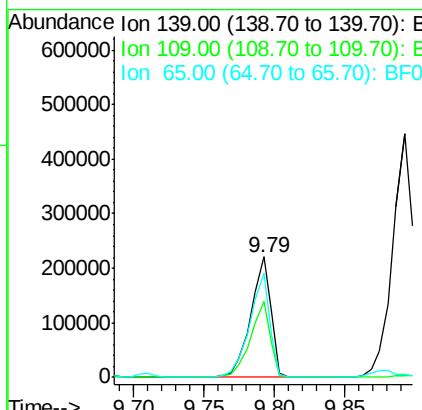
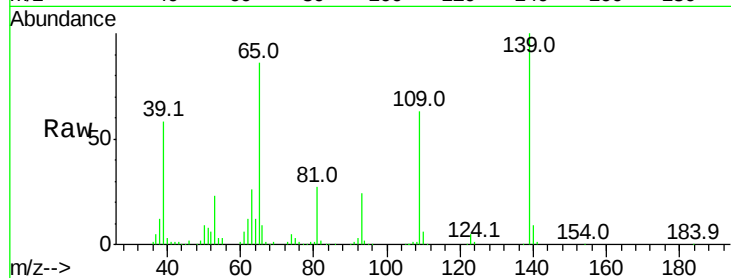




#55
4-Nitrophenol
Concen: 42.03 ng
RT: 9.79 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

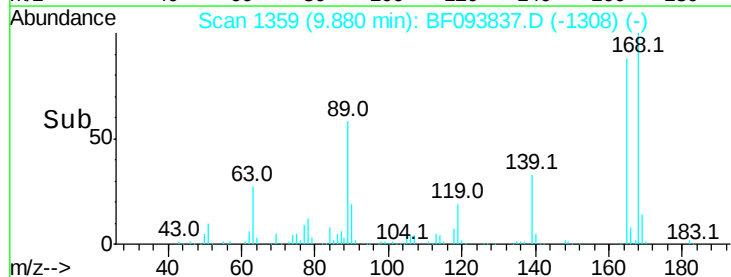
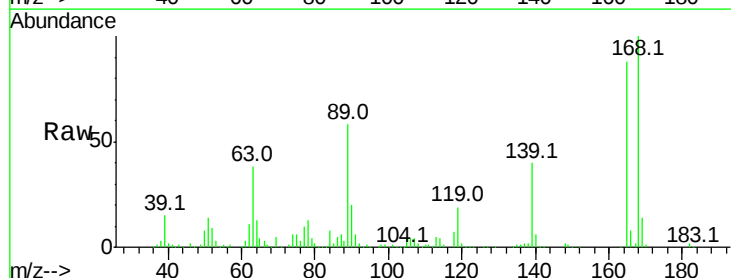
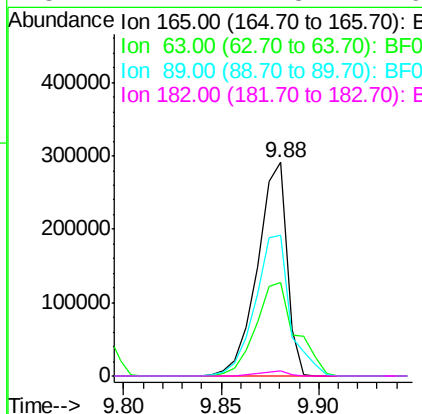
Instrument :
BNA_F
ClientSampleId :
ICVBF032217

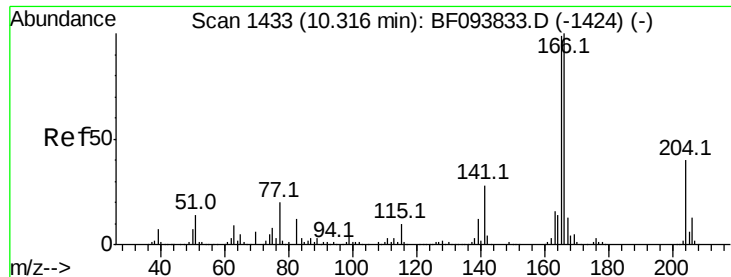
Tot Ion:139 Resp: 224541
Ion Ratio Lower Upper
139 100
109 63.4 34.1 74.1
65 86.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.96 ng
RT: 9.88 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion:165 Resp: 306213
Ion Ratio Lower Upper
165 100
63 43.6 25.4 38.0#
89 66.2 46.4 69.6
182 2.2 1.8 2.6





#57

Fluorene

Concen: 38.08 ng

RT: 10.32 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Instrument :

BNA_F

ClientSampleId :

ICVBF032217

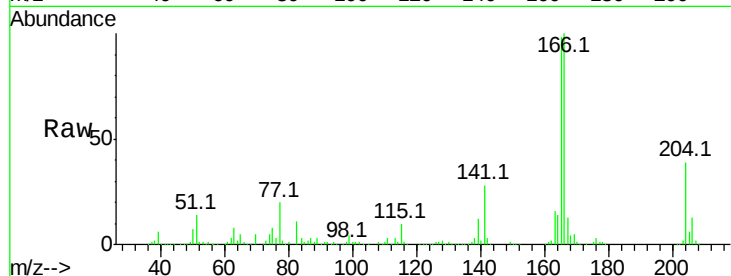
Tot Ion:166 Resp: 938456

Ion Ratio Lower Upper

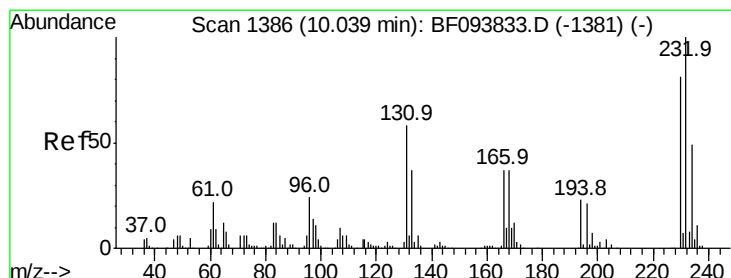
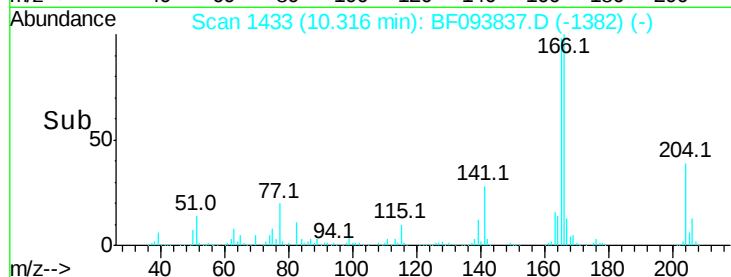
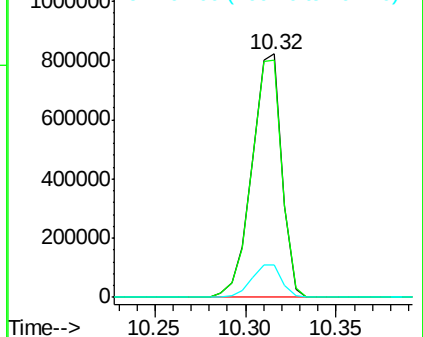
166 100

165 97.6 78.8 118.2

167 13.2 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.04 ng

RT: 10.04 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Tgt Ion:232 Resp: 210261

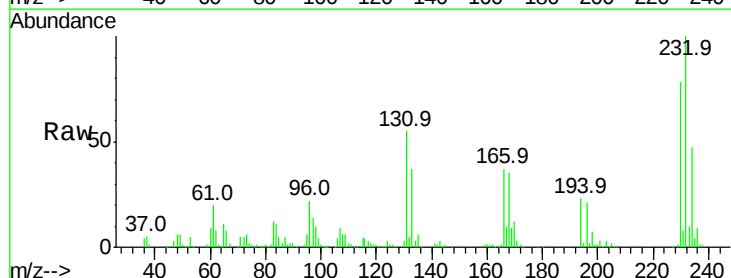
Ion Ratio Lower Upper

232 100

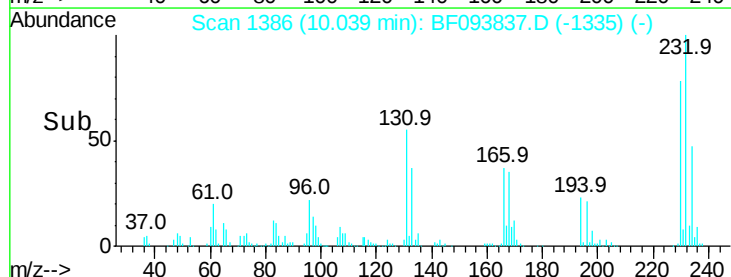
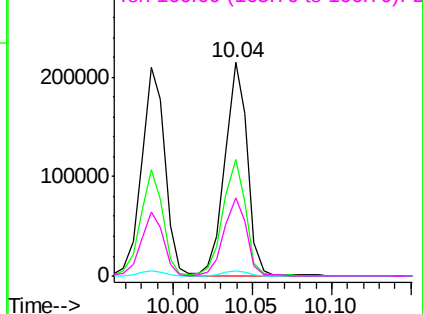
131 55.9 44.8 67.2

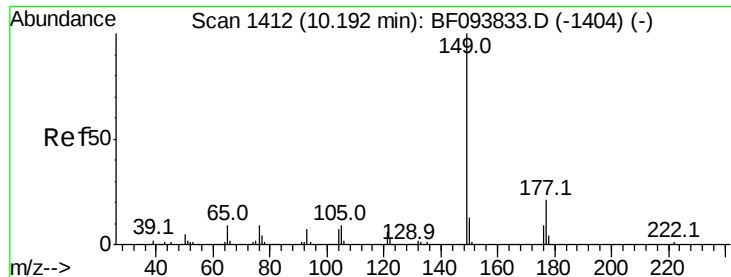
130 2.7 2.3 3.5

166 37.3 29.0 43.4



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

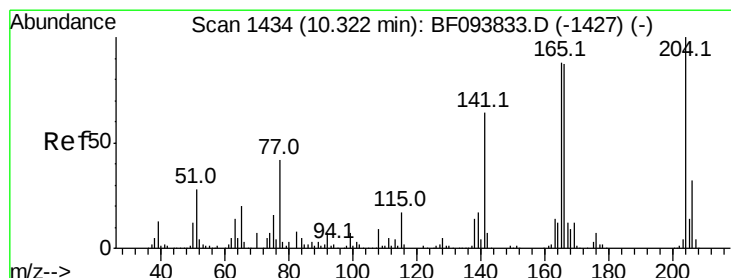
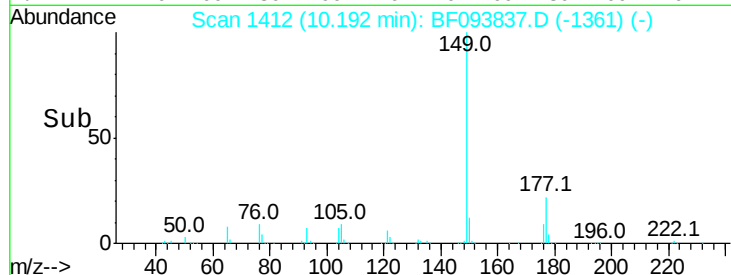
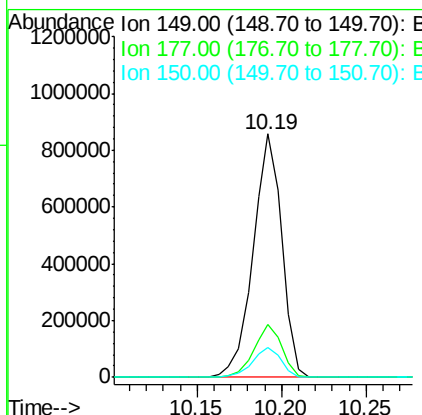
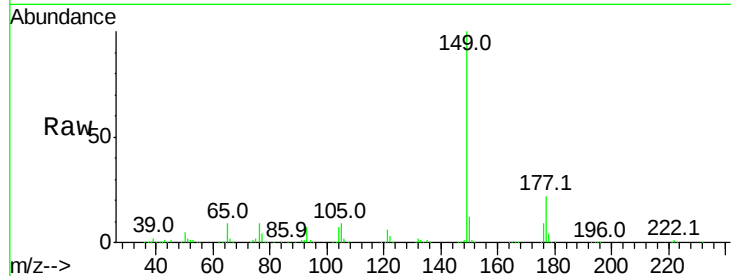




#59
Diethylphthalate
Concen: 40.37 ng
RT: 10.19 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

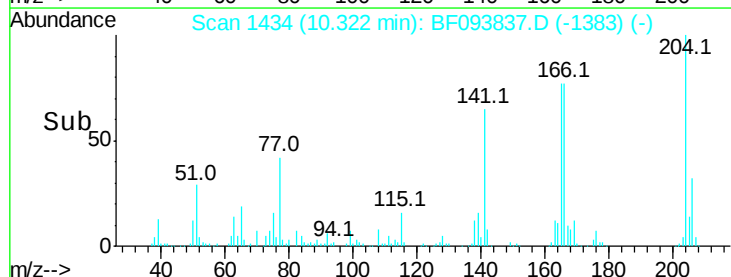
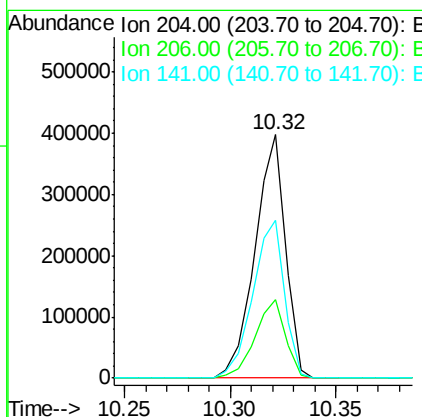
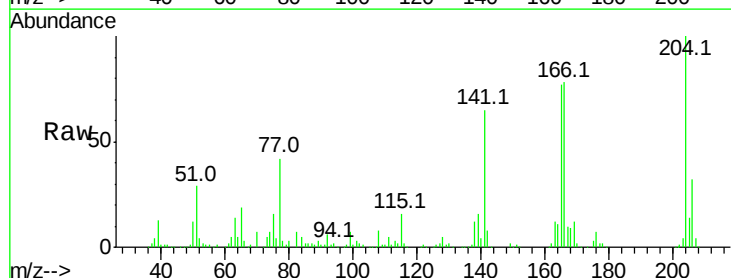
Instrument :
BNA_F
ClientSampleId :
ICVBF032217

Tot Ion:149 Resp: 1011197
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.97 ng
RT: 10.32 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion:204 Resp: 398581
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 64.8 60.8 91.2

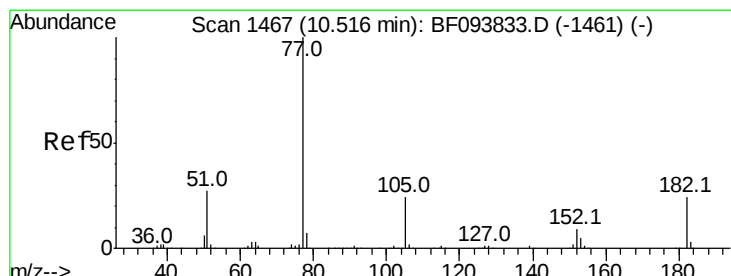
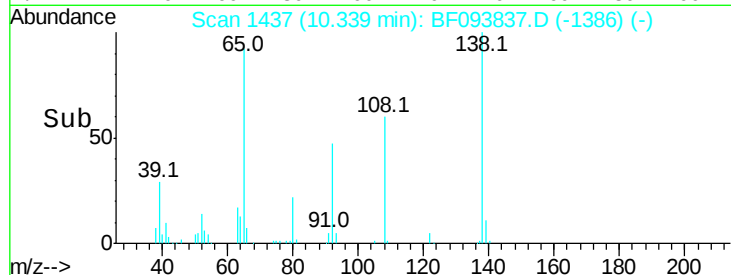
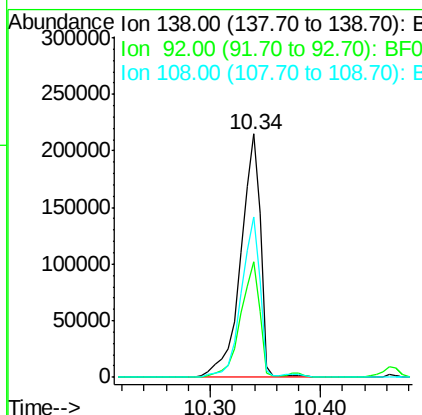
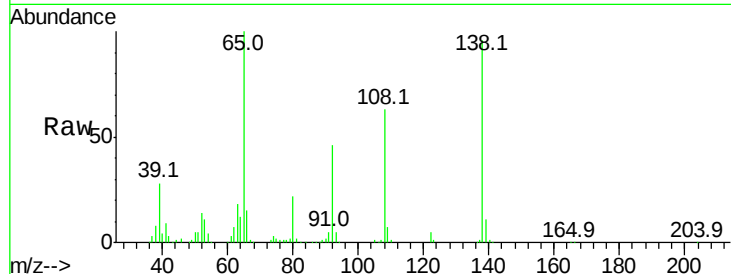




#61
4-Nitroaniline
Concen: 41.24 ng
RT: 10.34 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

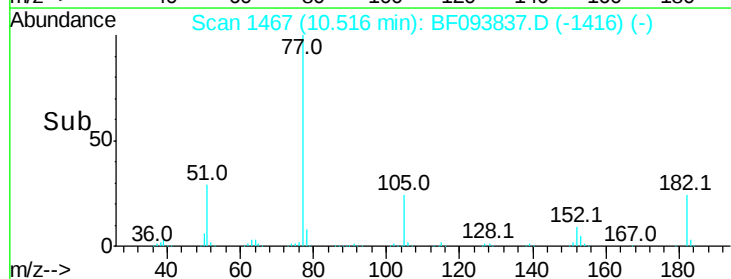
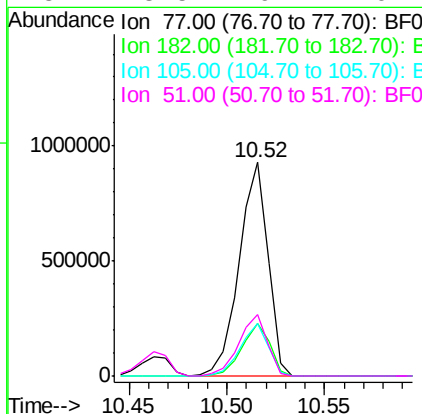
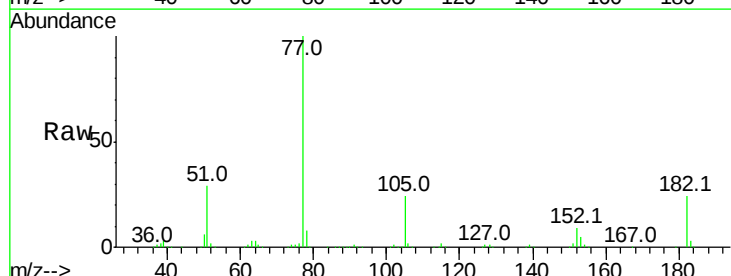
Instrument :
BNA_F
ClientSampleId :
ICVBF032217

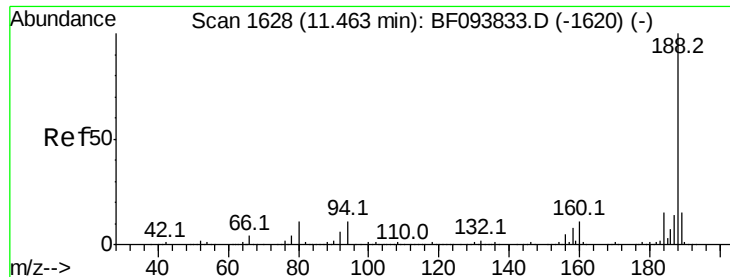
Tot Ion:138 Resp: 269952
Ion Ratio Lower Upper
138 100
92 47.2 21.8 61.8
108 65.7 42.3 82.3



#62
Azobenzene
Concen: 40.16 ng
RT: 10.52 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion: 77 Resp: 951624
Ion Ratio Lower Upper
77 100
182 24.3 0.1 40.1
105 24.4 3.6 43.6
51 28.5 9.4 49.4

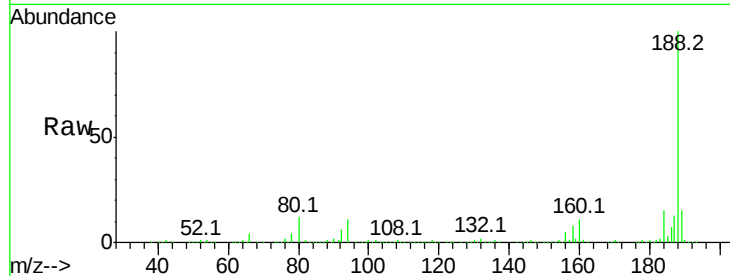




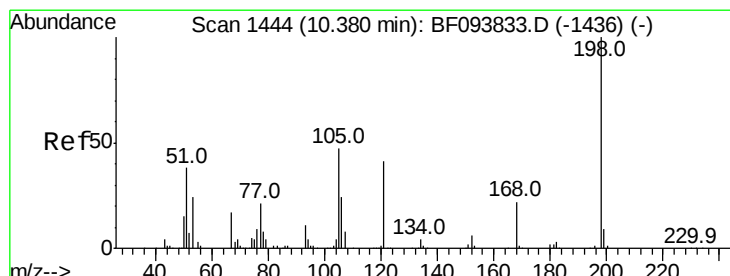
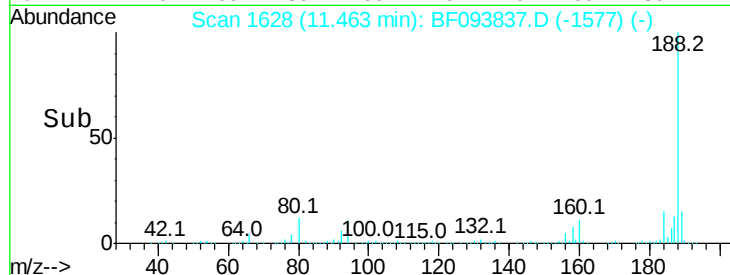
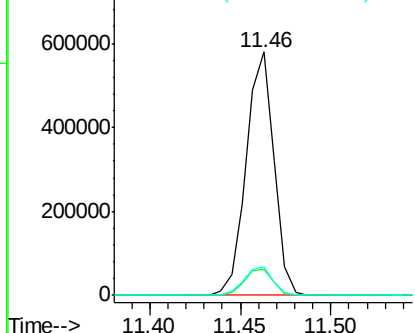
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.8	10.2	15.2

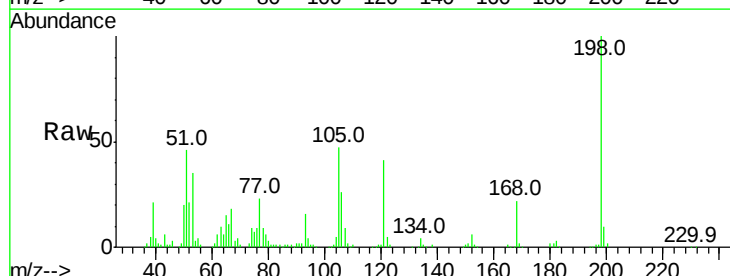


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

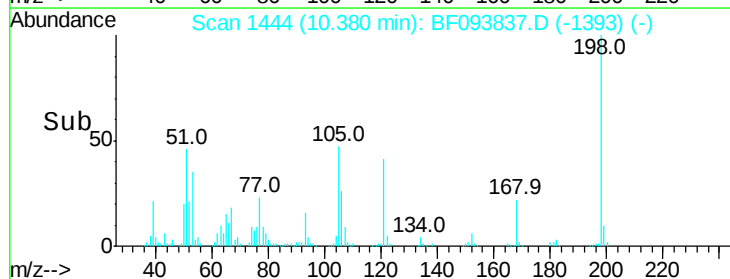
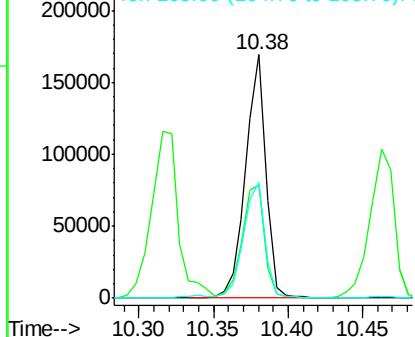


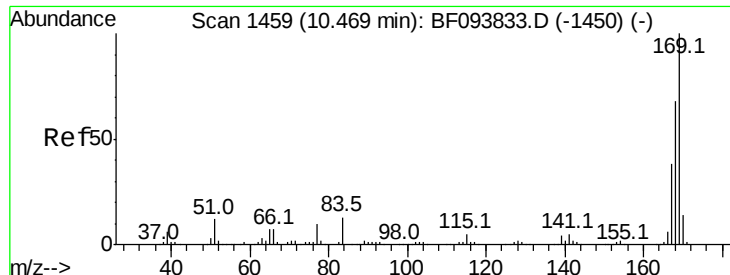
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.40 ng
 RT: 10.38 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.3	53.2	93.2#
105	47.3	45.8	85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

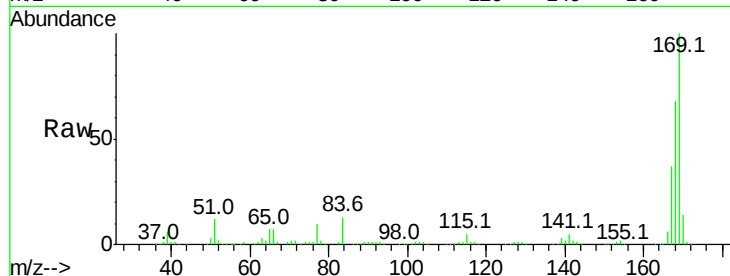




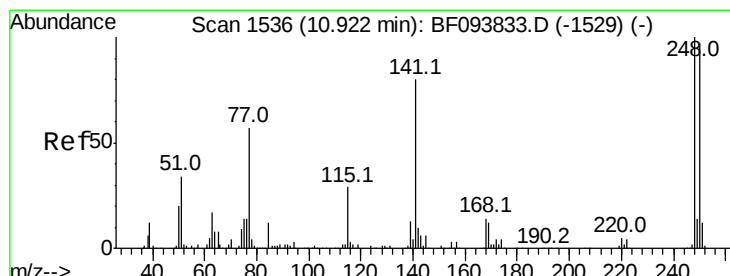
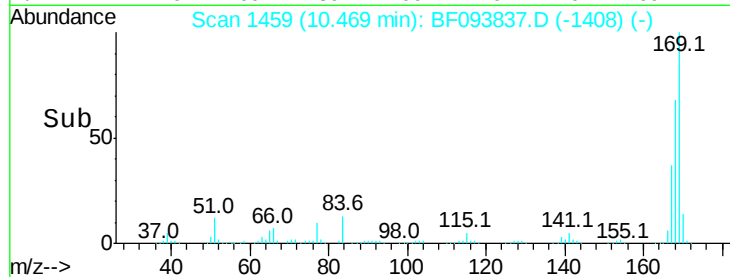
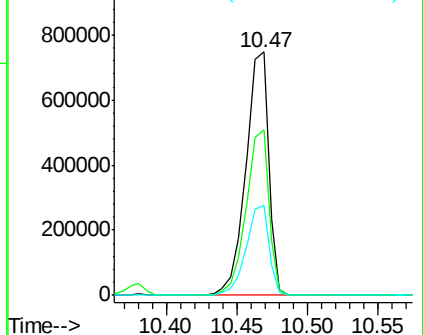
#65
 n-Nitrosodiphenylamine
 Concen: 39.94 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.2	79.8
167	37.2	29.5	44.3

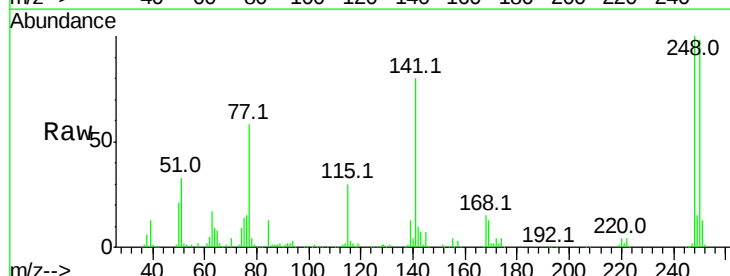


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

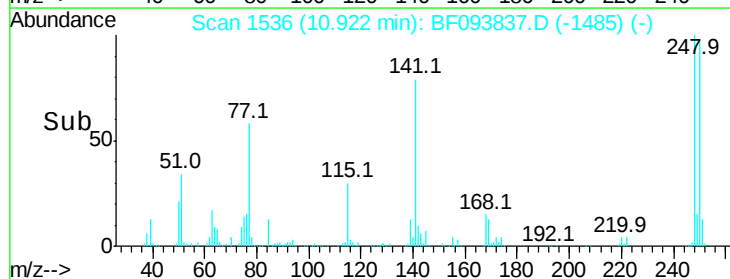
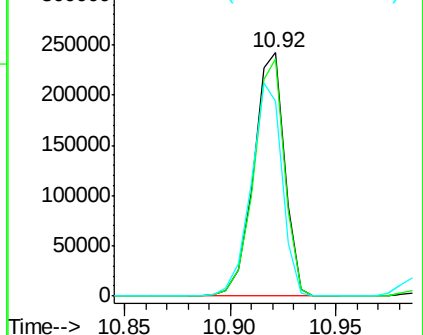


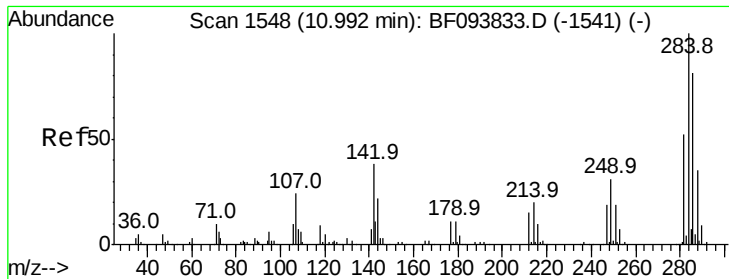
#66
 4-Bromophenyl-phenylether
 Concen: 40.79 ng
 RT: 10.92 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.8	115.2
141	79.9	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

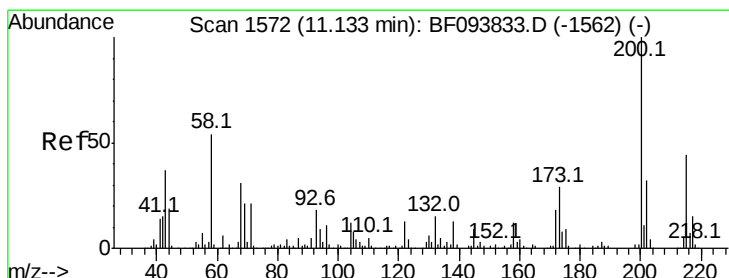
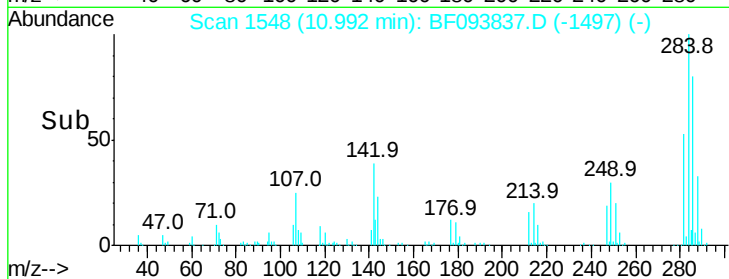
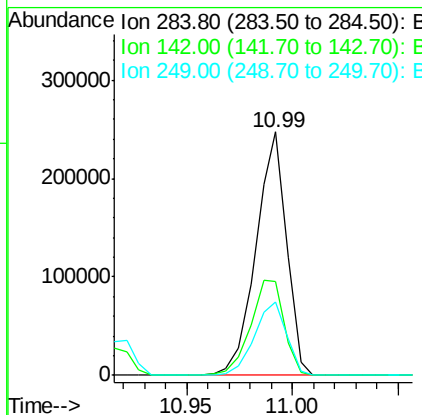
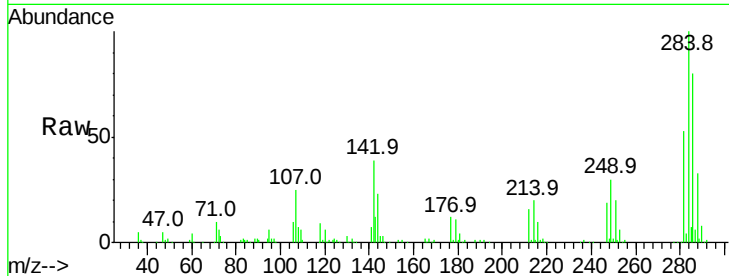




#67
Hexachlorobenzene
Concen: 40.48 ng
RT: 10.99 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

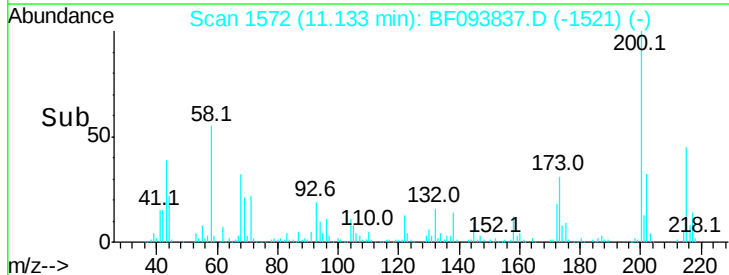
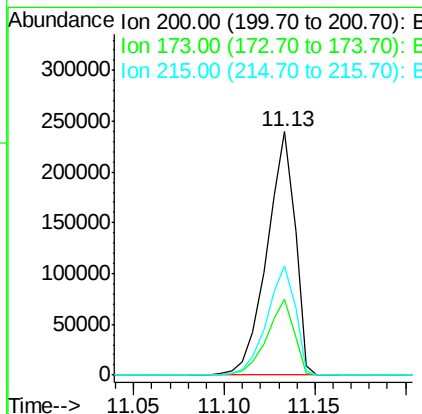
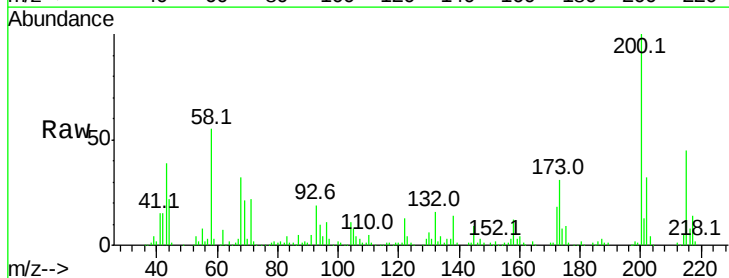
Instrument :
BNA_F
ClientSampleId :
ICVBF032217

Tot Ion:284 Resp: 248541
Ion Ratio Lower Upper
284 100
142 38.7 22.8 34.2#
249 30.4 24.0 36.0



#68
Atrazine
Concen: 40.26 ng
RT: 11.13 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion:200 Resp: 257183
Ion Ratio Lower Upper
200 100
173 31.0 6.3 46.3
215 44.7 27.2 67.2

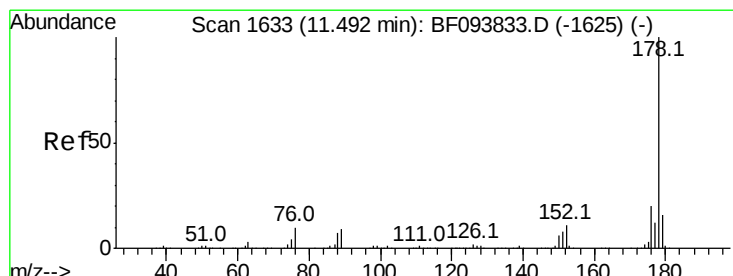
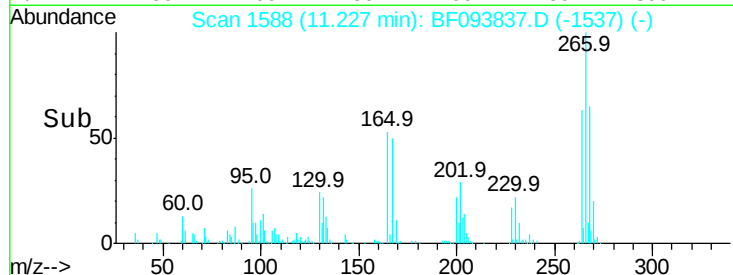
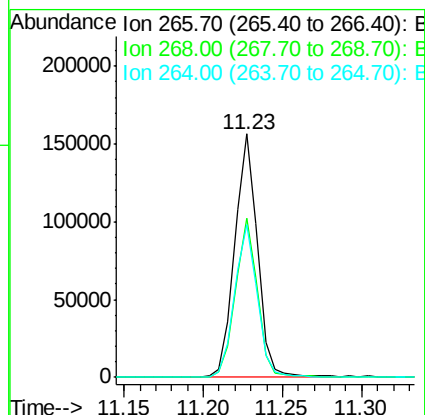
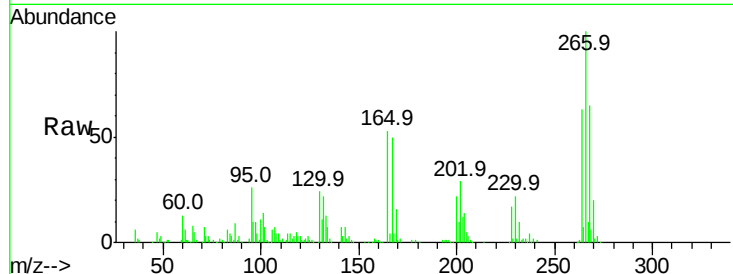




#69
 Pentachlorophenol
 Concen: 40.94 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

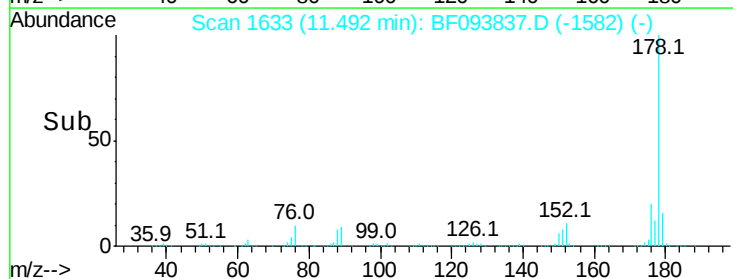
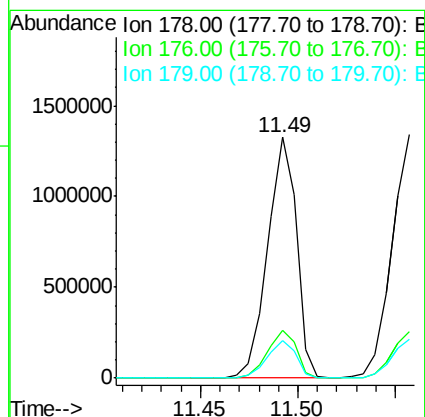
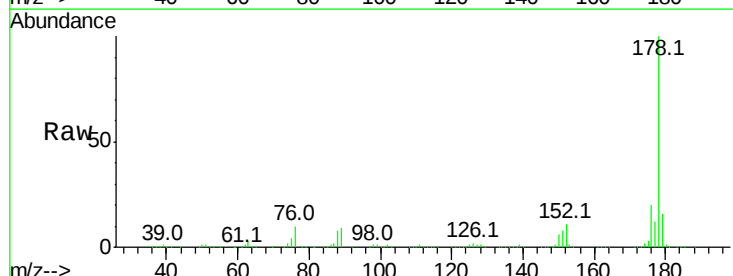
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

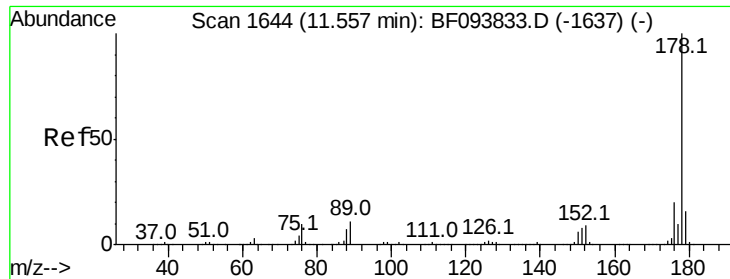
Tot Ion:266 Resp: 156467
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.1 76.7
 264 62.9 51.7 77.5



#70
 Phenanthrene
 Concen: 39.70 ng
 RT: 11.49 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion:178 Resp: 1362164
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.6 12.6 19.0

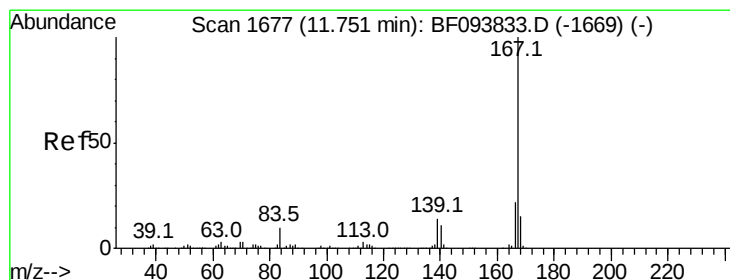
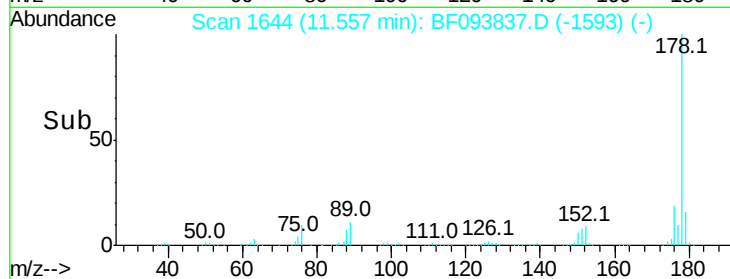
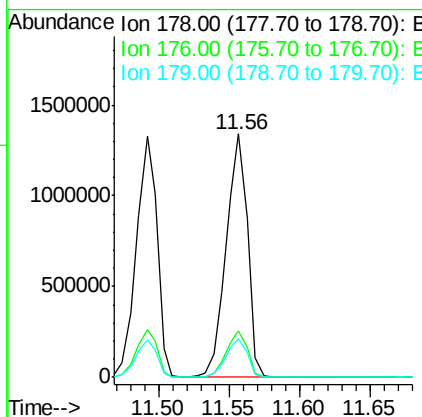
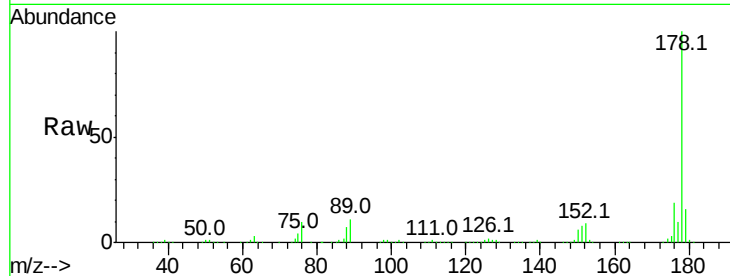




#71
 Anthracene
 Concen: 39.76 ng
 RT: 11.56 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

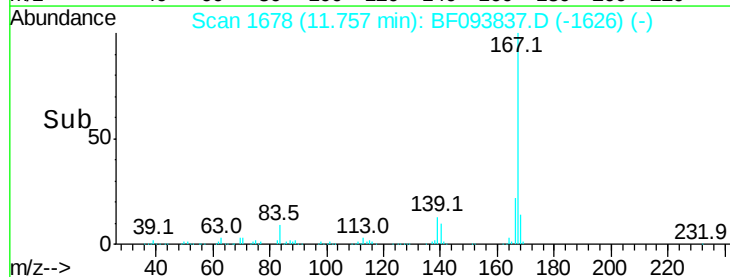
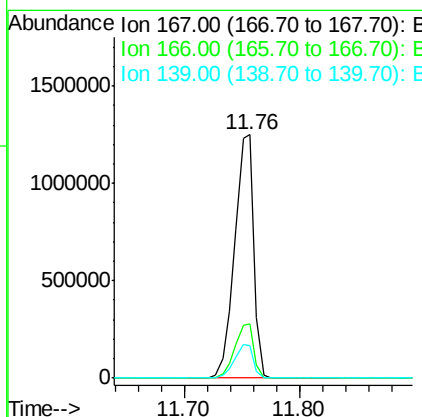
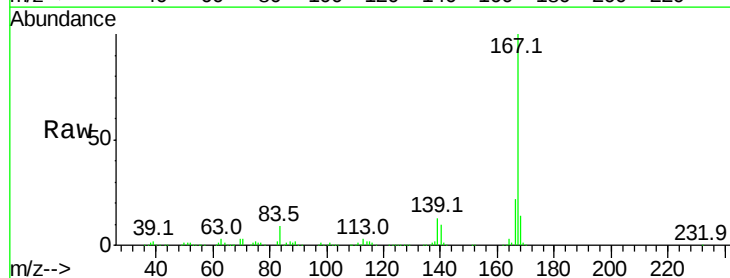
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

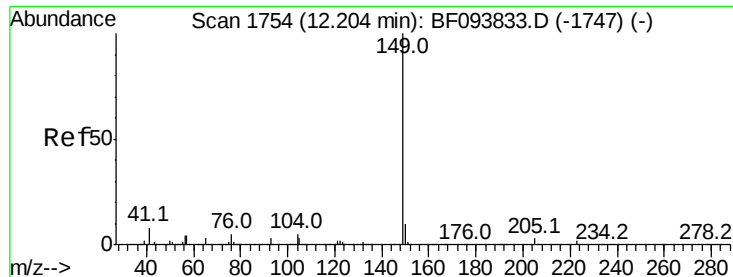
Tot Ion:178 Resp: 1404689
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 16.1 12.7 19.1



#72
 Carbazole
 Concen: 39.43 ng
 RT: 11.76 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion:167 Resp: 1428448
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.56 ng

RT: 12.20 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Instrument :

BNA_F

ClientSampleId :

ICVBF032217

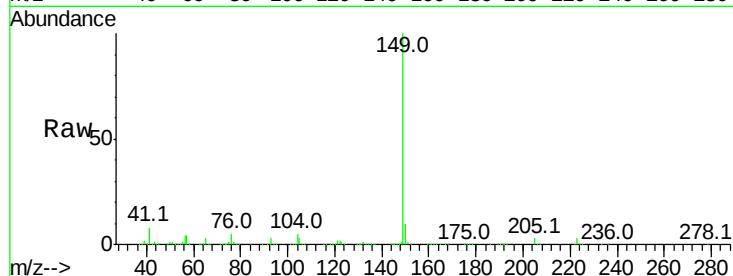
Tot Ion:149 Resp: 1527874

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

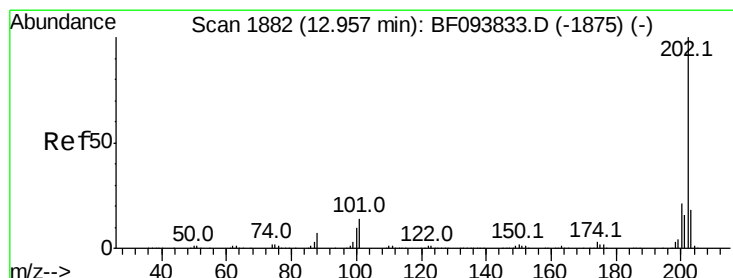
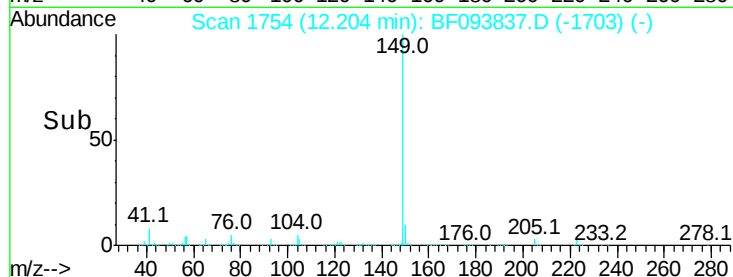
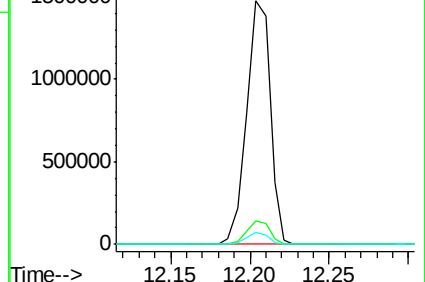
104 4.9 4.0 6.0



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: 39.82 ng

RT: 12.96 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

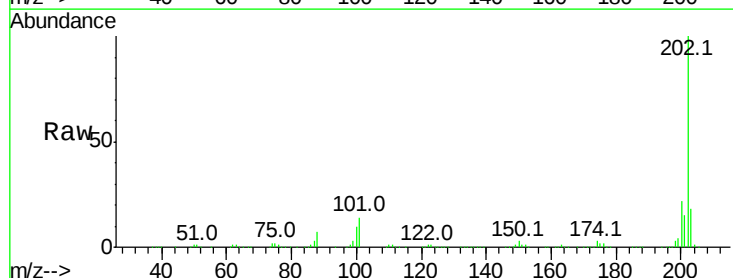
Tgt Ion:202 Resp: 1398914

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

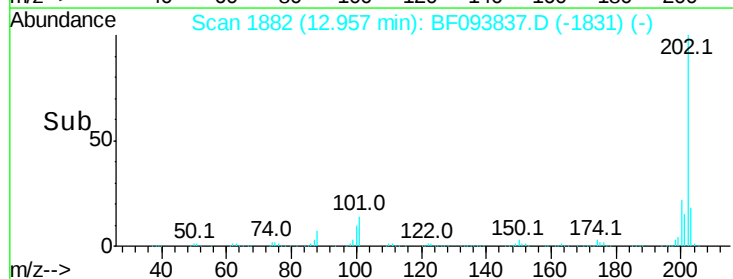
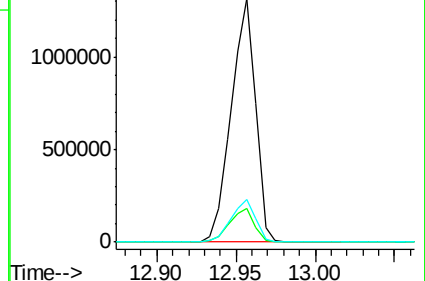
203 17.7 0.0 38.1

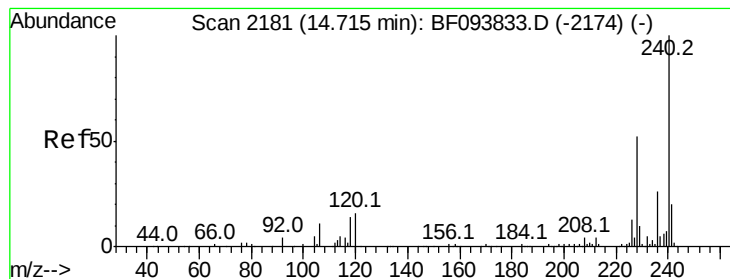


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.72 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Instrument :

BNA_F

ClientSampleId :

ICVBF032217

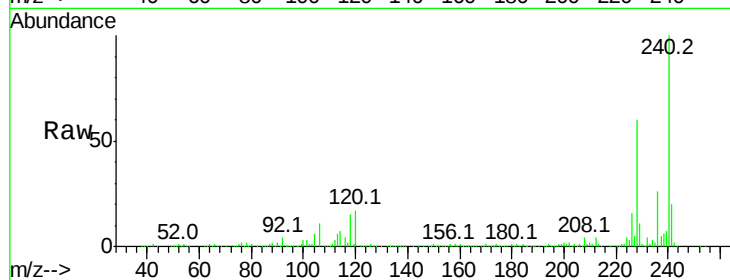
Tot Ion:240 Resp: 500058

Ion Ratio Lower Upper

240 100

120 16.9 5.8 8.8#

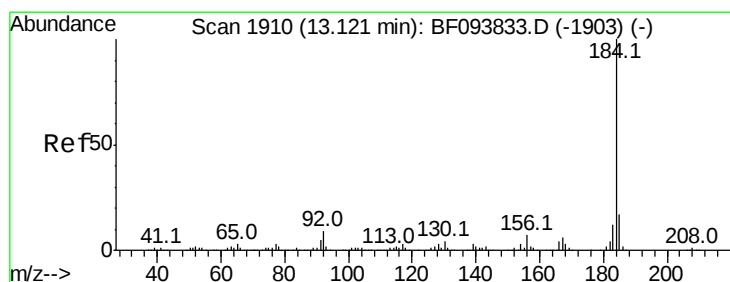
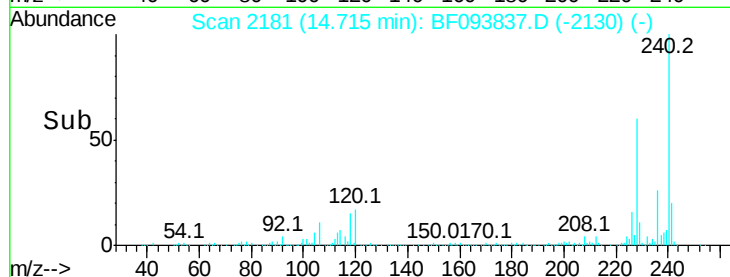
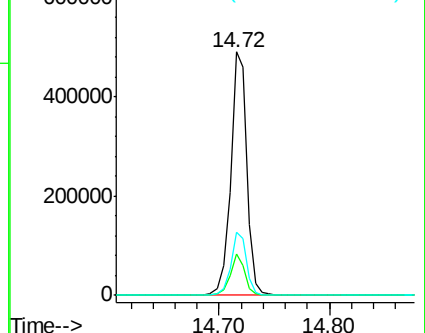
236 25.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.59 ng

RT: 13.12 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

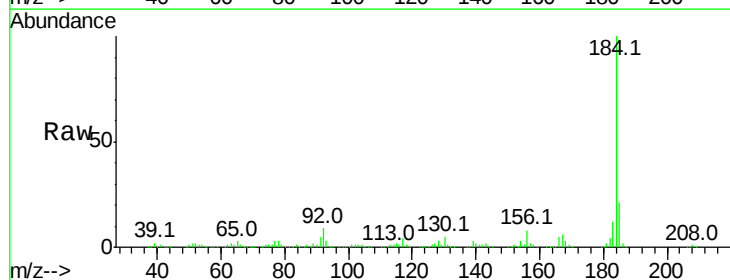
Tgt Ion:184 Resp: 763822

Ion Ratio Lower Upper

184 100

185 21.4 15.5 23.3

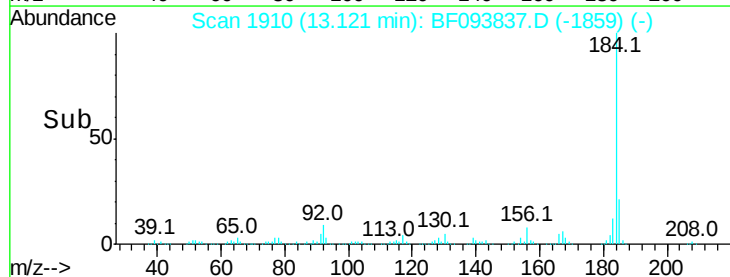
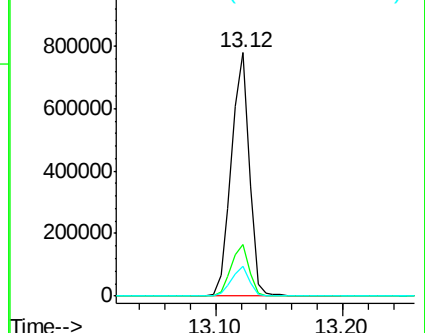
183 12.1 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



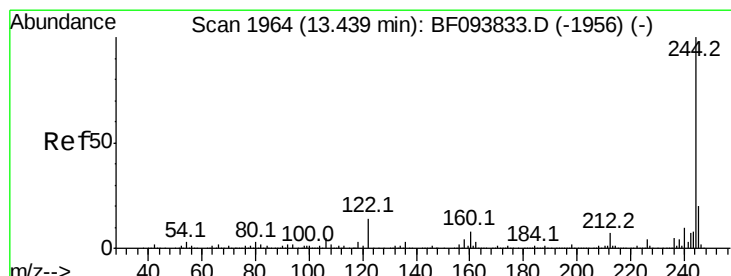
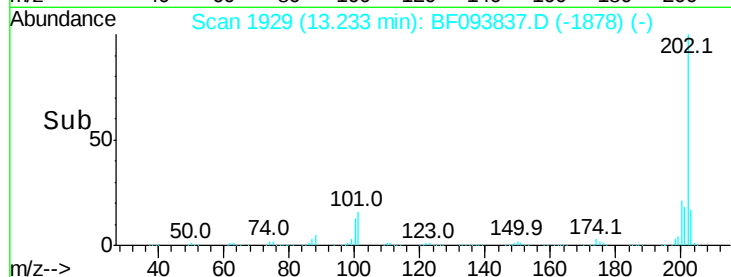
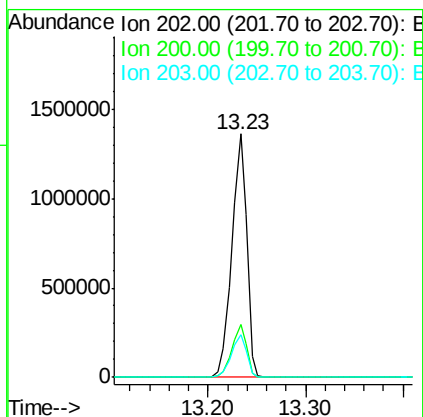
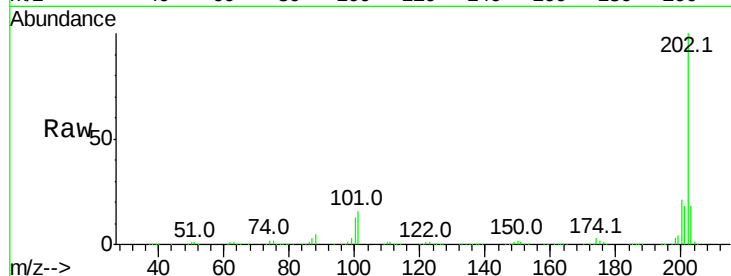


#77
Pvrene
Concen: 39.87 ng
RT: 13.23 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Instrument :
BNA_F
ClientSampleId :
ICVBF032217

Tot Ion:202 Resp: 1446777

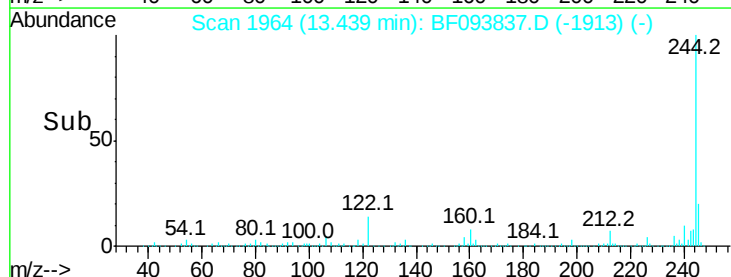
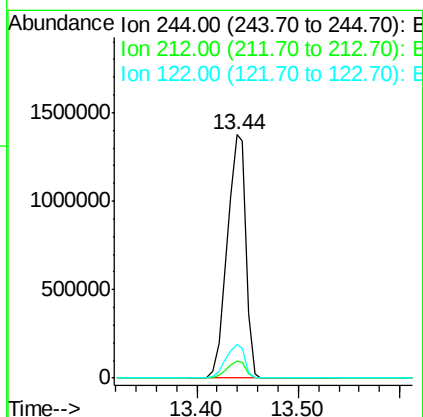
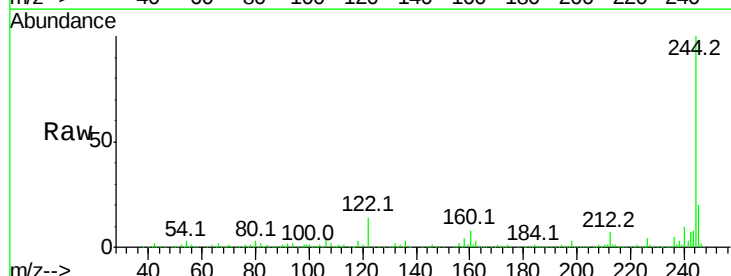
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.5	14.4	21.6

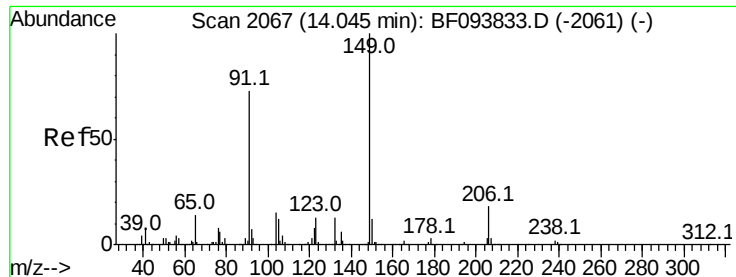


#78
Terphenyl-d14
Concen: 78.54 ng
RT: 13.44 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion:244 Resp: 1752150

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.9	10.3	15.5

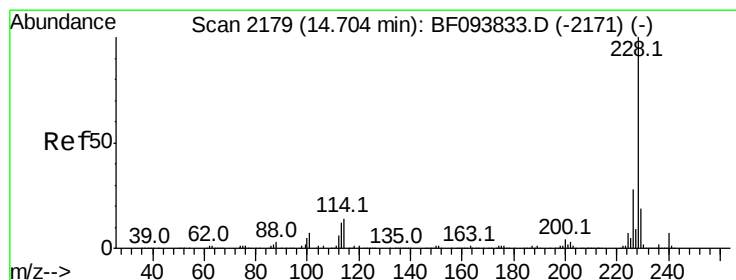
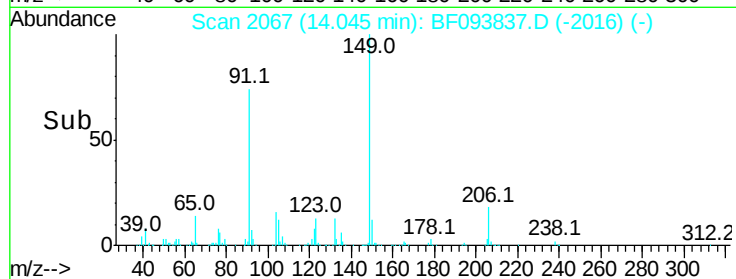
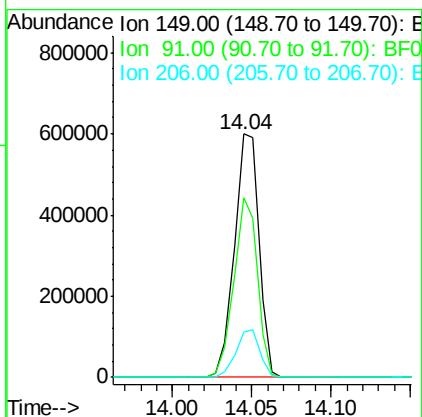
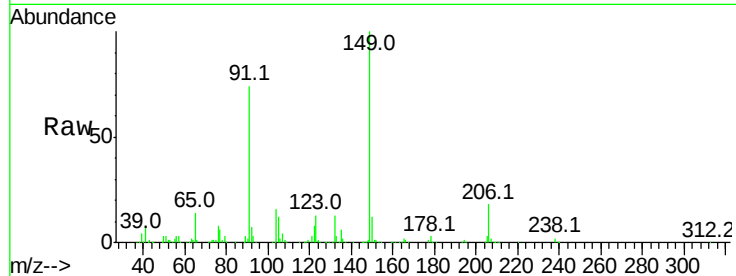




#79
Butylbenzylphthalate
Concen: 41.65 ng
RT: 14.04 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

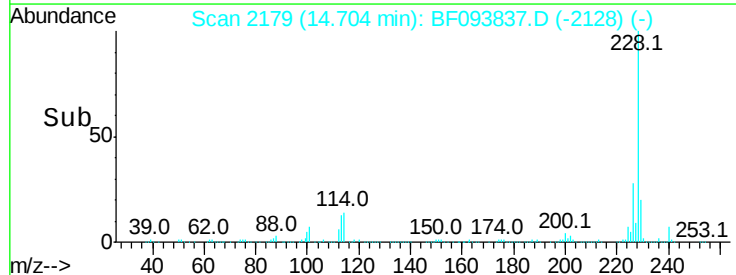
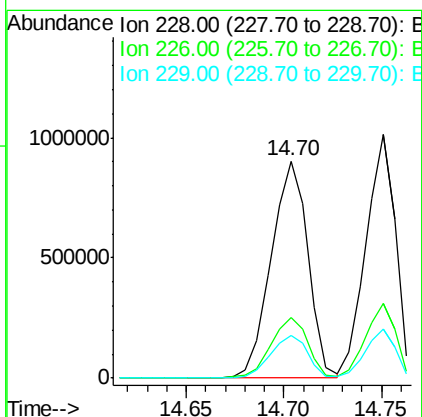
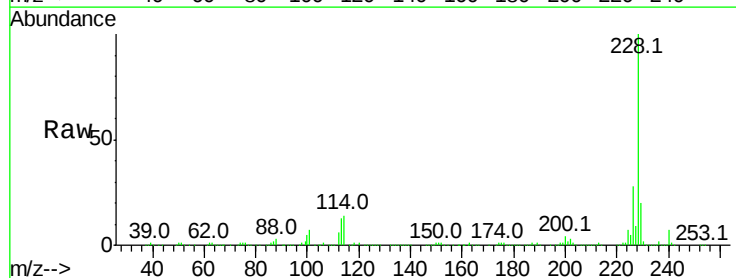
Instrument :
BNA_F
ClientSampleId :
ICVBF032217

Tot Ion:149 Resp: 644095
Ion Ratio Lower Upper
149 100
91 73.8 45.0 67.4#
206 18.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.29 ng
RT: 14.70 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion:228 Resp: 1174864
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.7 16.3 24.5

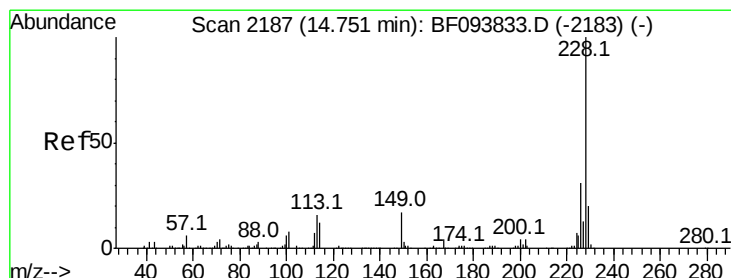
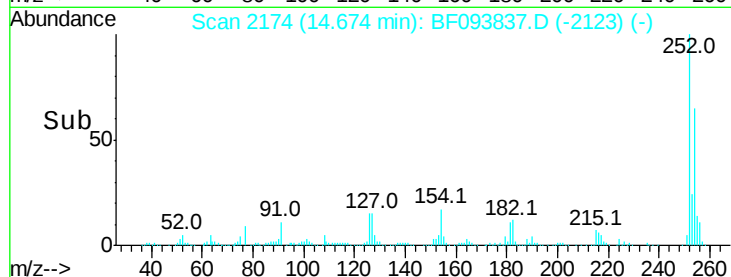
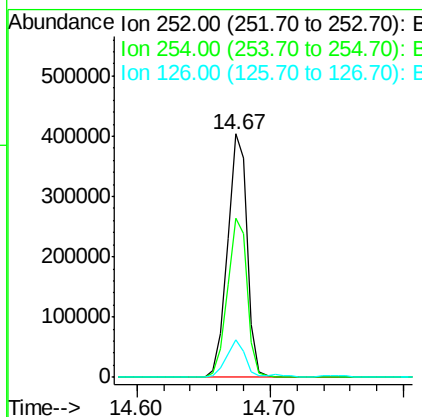
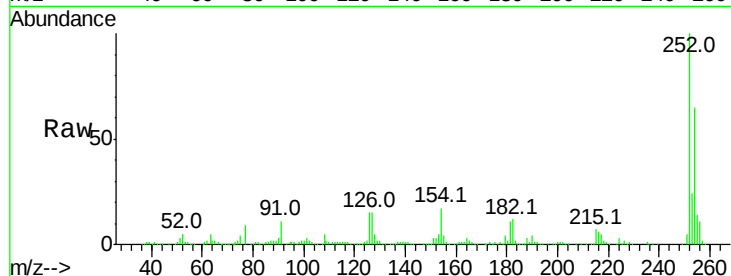




#81
 3,3'-Dichlorobenzidine
 Concen: 40.28 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

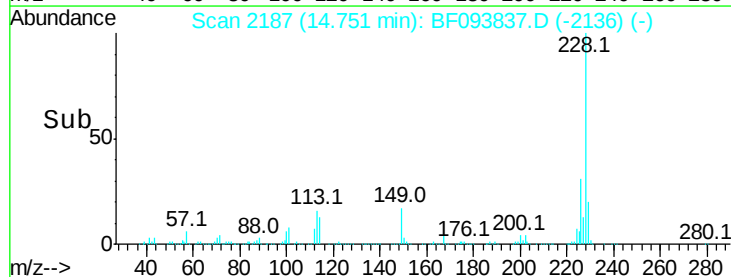
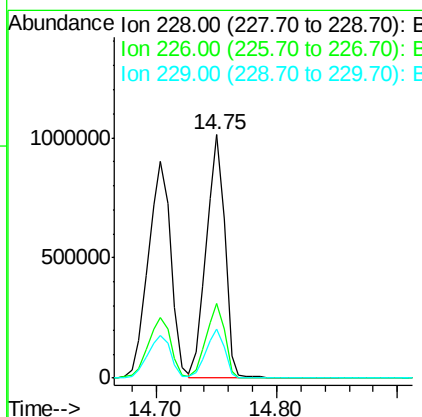
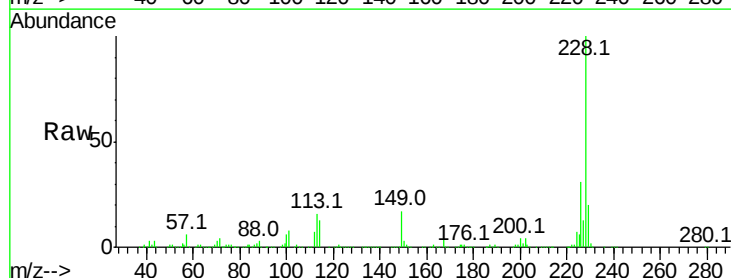
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion:252 Resp: 419875
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.5 77.3
 126 15.5 15.8 23.8#



#82
 Chrysene
 Concen: 39.67 ng
 RT: 14.75 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion:228 Resp: 1073388
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 20.0 15.8 23.6

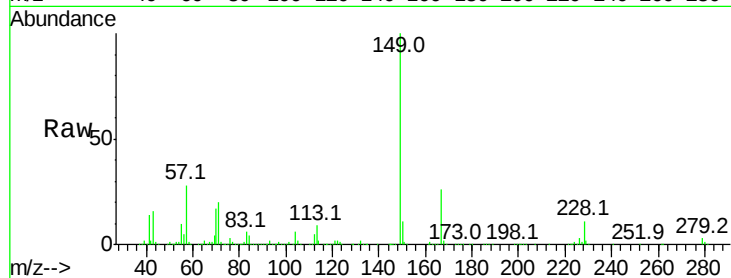




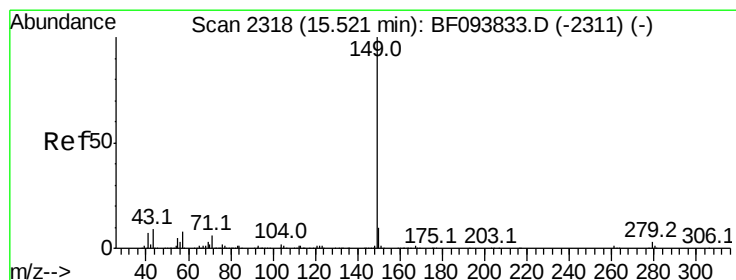
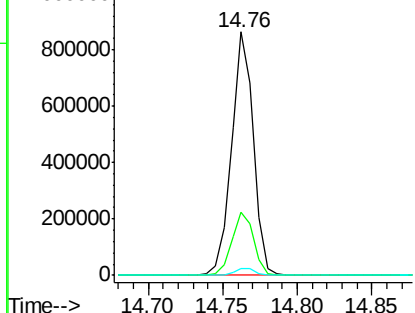
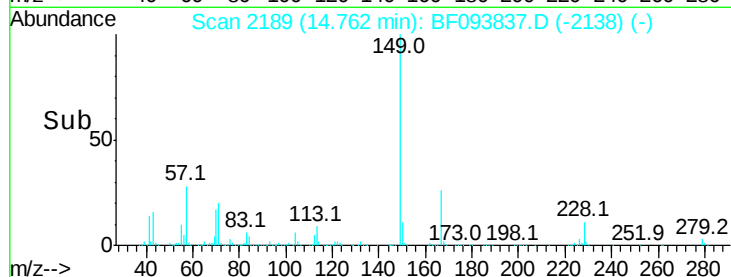
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.13 ng
 RT: 14.76 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	2.8	1.9	2.9

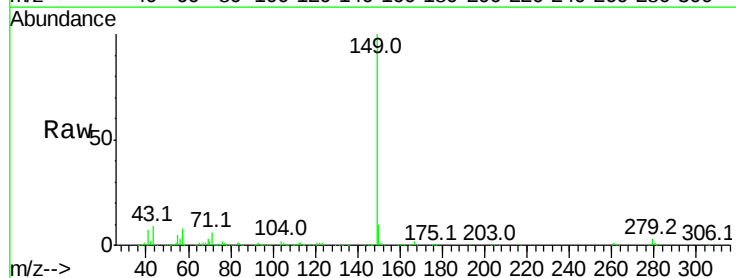


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

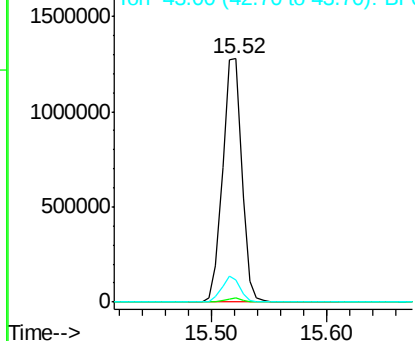
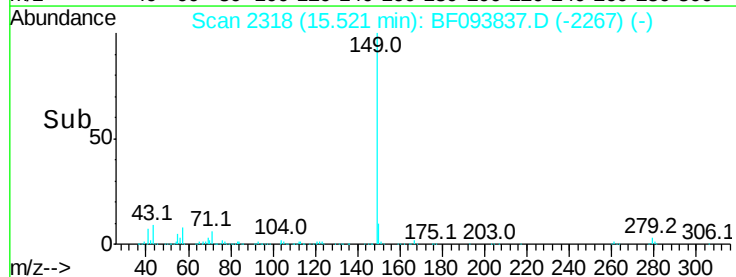


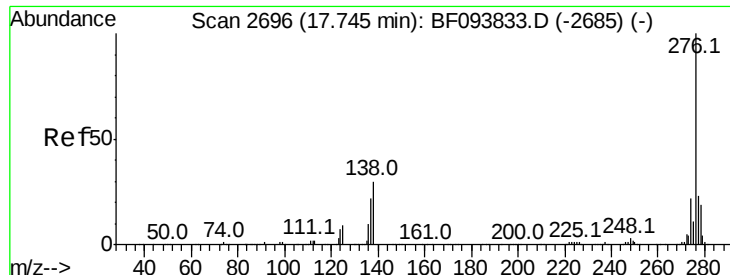
#84
 Di-n-octyl phthalate
 Concen: 41.91 ng
 RT: 15.52 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.0	8.5	12.7



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



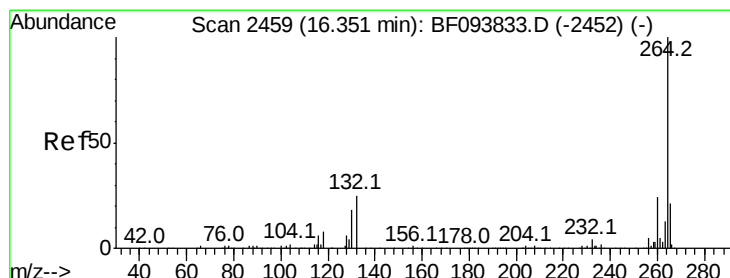
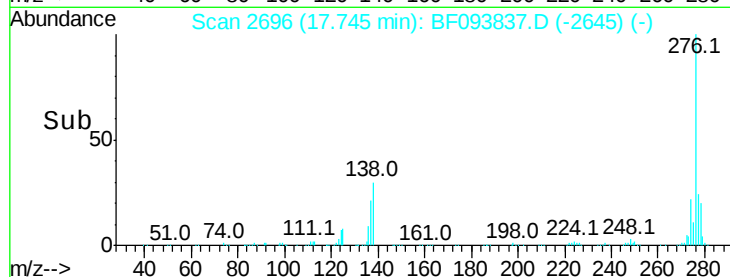
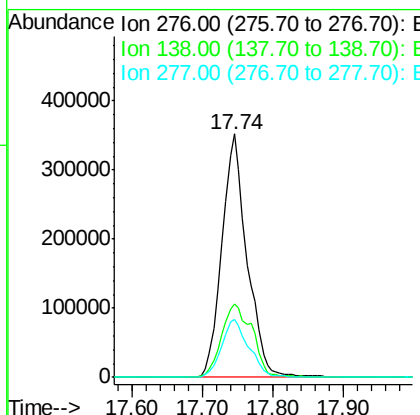
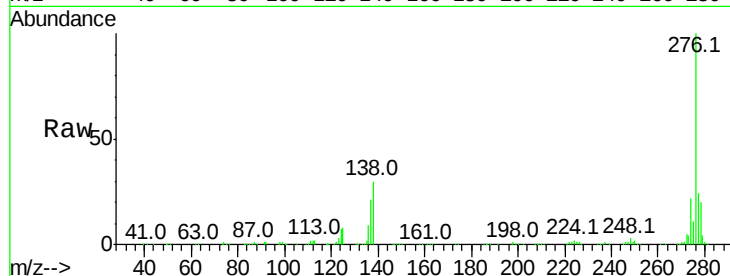


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.38 ng
 RT: 17.74 min Scan# 2696
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion:276 Resp: 875924

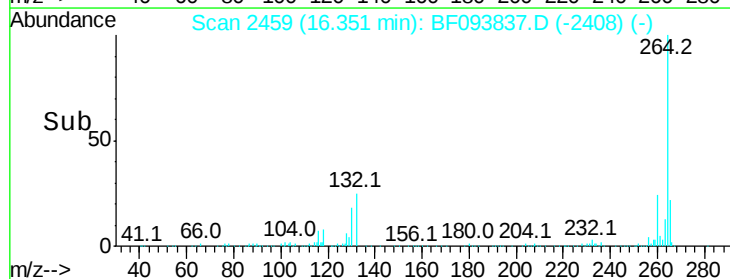
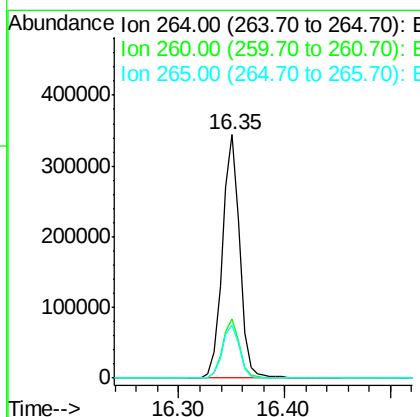
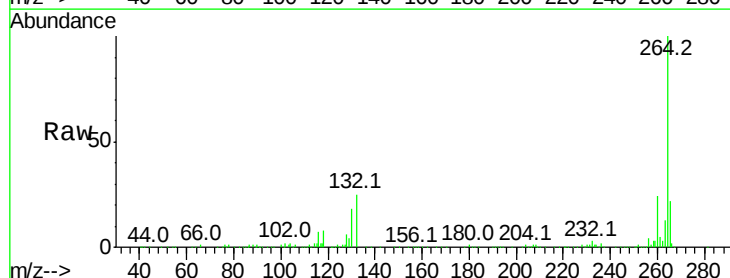
Ion	Ratio	Lower	Upper
276	100		
138	36.8	27.8	41.6
277	25.5	20.2	30.4

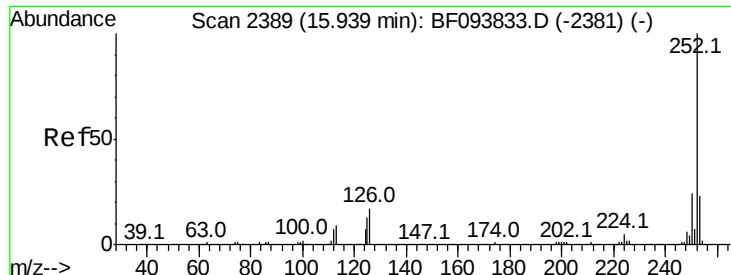


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.35 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Tgt Ion:264 Resp: 394273

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.44 ng

RT: 15.94 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

Instrument :

BNA_F

ClientSampleId :

ICVBF032217

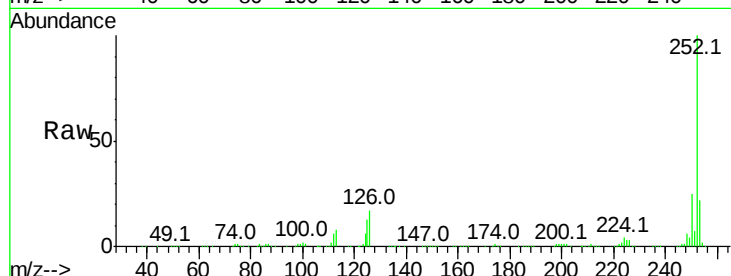
Tot Ion:252 Resp: 1001600

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

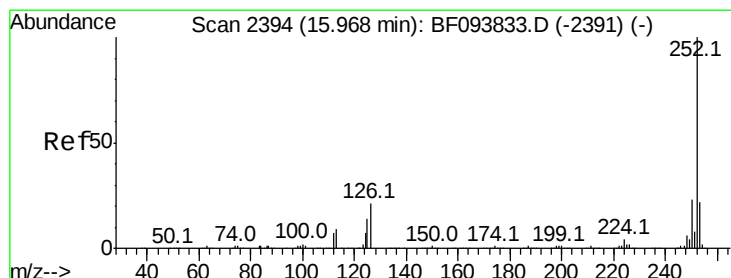
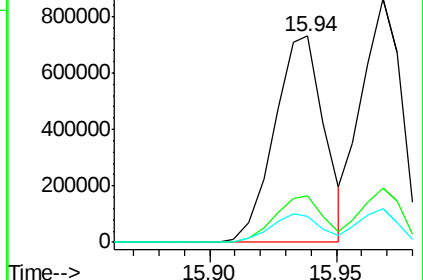
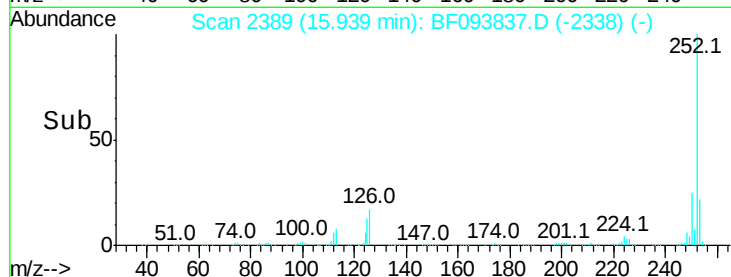
125 12.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.90 ng

RT: 15.97 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BF093837.D

Acq: 22 Mar 2017 17:28

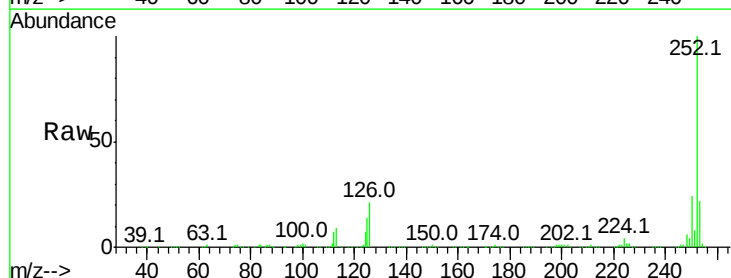
Tgt Ion:252 Resp: 974274

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

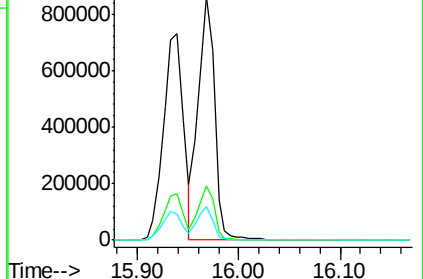
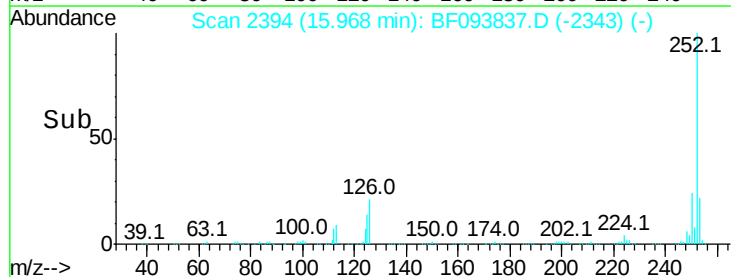
125 13.6 13.1 19.7

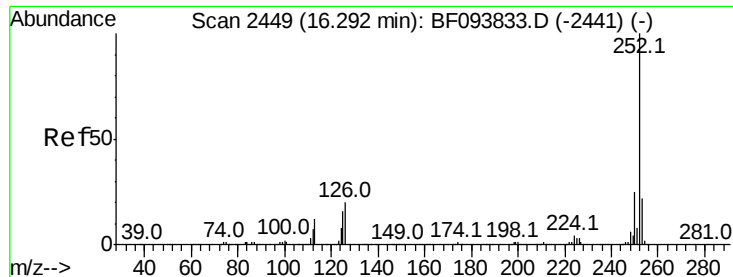


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

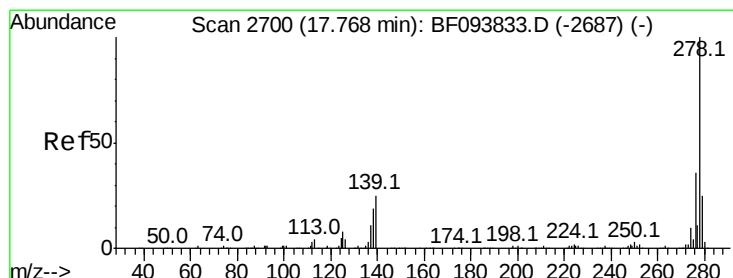
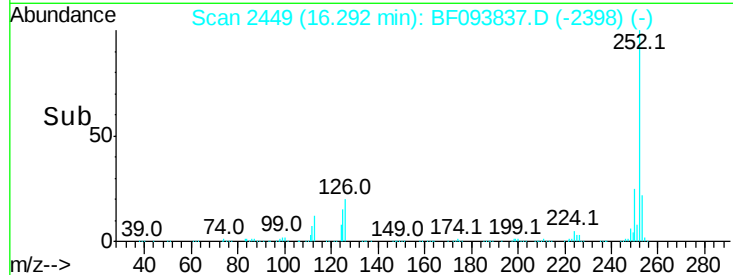
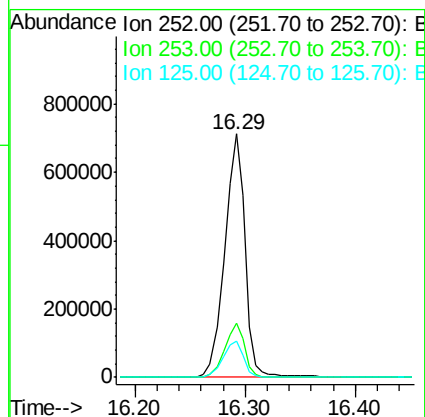
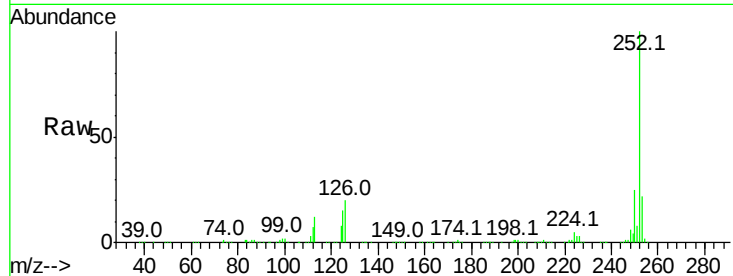




#89
Benzo(a)pyrene
Concen: 41.08 ng
RT: 16.29 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

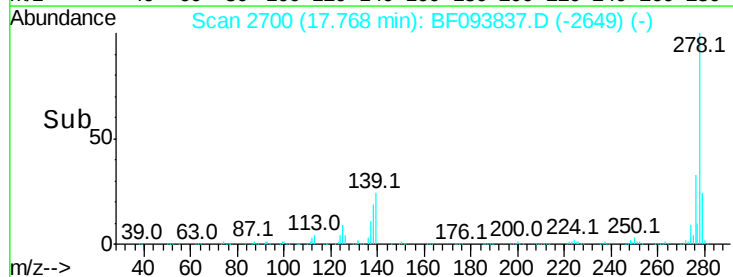
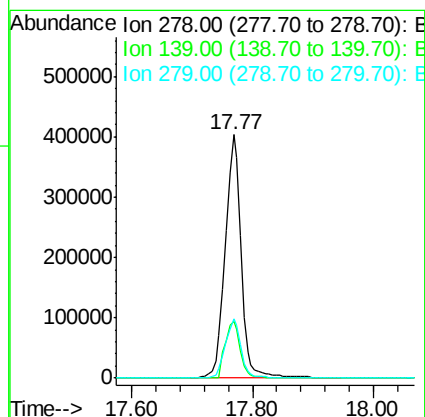
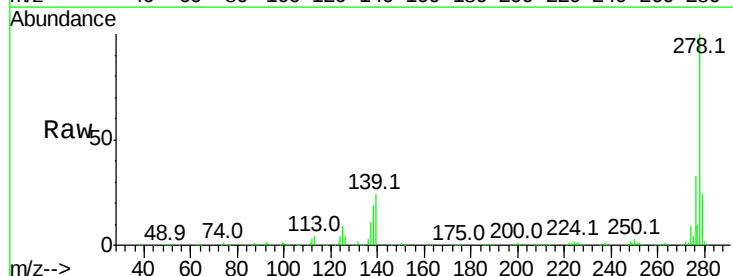
Instrument :
BNA_F
ClientSampleId :
ICVBF032217

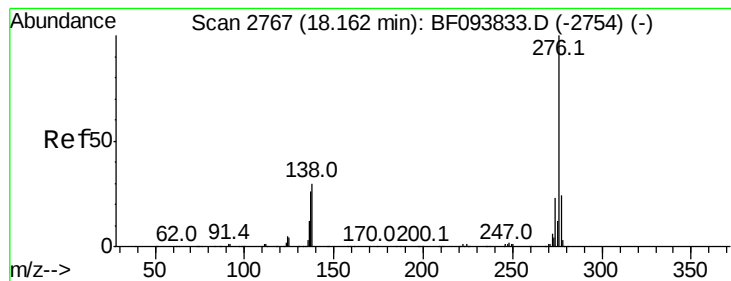
Tot Ion:252 Resp: 914296
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 15.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 39.75 ng
RT: 17.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: BF093837.D
Acq: 22 Mar 2017 17:28

Tgt Ion:278 Resp: 749173
Ion Ratio Lower Upper
278 100
139 23.5 16.6 24.8
279 24.2 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 39.28 ng
 RT: 18.16 min Scan# 2767
 Delta R.T. 0.00 min
 Lab File: BF093837.D
 Acq: 22 Mar 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032217

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	30.3	25.4	38.0

