

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093861.D
 Acq On : 23 Mar 2017 4:57
 Operator : SJ/MA
 Sample : I2337-08MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

Quant Time: Mar 23 06:48:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	199915	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	806203	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	361382	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	609765	20.00	ng	0.00
75) Chrysene-d12	14.72	240	436902	20.00	ng	0.00
86) Perylene-d12	16.35	264	326525	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.52	112	1347886	113.88	ng	0.02
7) Phenol-d6	5.57	99	1747390	119.34	ng	0.00
23) Nitrobenzene-d5	6.64	82	1093716	77.42	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	345588	121.02	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1907875	80.52	ng	0.00
78) Terphenyl-d14	13.44	244	1452353	74.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	191363	33.65	ng	99
3) Pyridine	2.89	79	499105	32.20	ng	98
4) n-Nitrosodimethylamine	2.85	42	253806	39.80	ng	95
6) Aniline	5.61	93	537651	26.40	ng	96
8) 2-Chlorophenol	5.75	128	533803	41.03	ng	100
9) Benzaldehyde	5.48	77	183225	18.53	ng	99
10) Phenol	5.59	94	718837	43.14	ng	93
11) bis(2-Chloroethyl)ether	5.69	93	514018	39.47	ng	98
12) 1,3-Dichlorobenzene	5.92	146	575666	39.45	ng	99
13) 1,4-Dichlorobenzene	6.00	146	580444	39.27	ng	95
14) 1,2-Dichlorobenzene	6.19	146	543761	39.95	ng	96
15) Benzyl Alcohol	6.15	79	463732	43.27	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.32	45	772457	38.50	ng	98
17) 2-Methylphenol	6.28	107	450924	40.47	ng	97
18) Hexachloroethane	6.58	117	206121	39.68	ng	# 84
19) n-Nitroso-di-n-propylamine	6.47	70	379813	40.36	ng	98
20) 3+4-Methylphenols	6.46	107	529524	39.24	ng	95
22) Acetophenone	6.46	105	719760	40.06	ng	# 97
24) Nitrobenzene	6.66	77	556909	39.97	ng	97
25) Isophorone	6.95	82	1021772	41.16	ng	97
26) 2-Nitrophenol	7.03	139	289078	43.51	ng	97
27) 2,4-Dimethylphenol	7.09	122	442034	38.61	ng	98
28) bis(2-Chloroethoxy)methane	7.21	93	667808	40.80	ng	99
29) 2,4-Dichlorophenol	7.32	162	460278	43.00	ng	98
30) 1,2,4-Trichlorobenzene	7.43	180	456922	41.44	ng	99
31) Naphthalene	7.52	128	1528382	39.43	ng	100
32) Benzoic acid	7.09	122	442034	58.00	ng	# 12
33) 4-Chloroaniline	7.57	127	321522	20.46	ng	95
34) Hexachlorobutadiene	7.67	225	228070	40.34	ng	96
35) Caprolactam	8.02	113	43523	12.75	ng	99
36) 4-Chloro-3-methylphenol	8.18	107	474097	42.39	ng	90
37) 2-Methylnaphthalene	8.36	142	1062137	41.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	380331	38.47	ng	99
40) Hexachlorocyclopentadiene	8.56	237	354823	76.70	ng	98

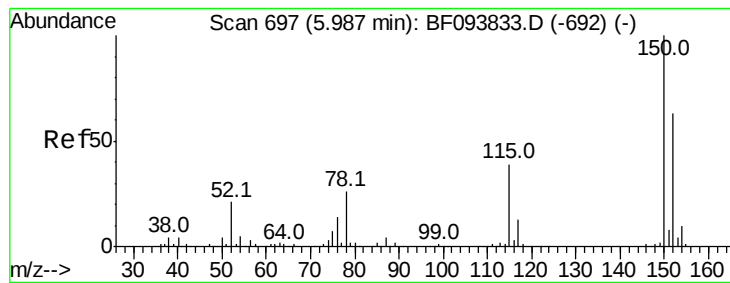
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	298696	42.71	nq	99
43) 2,4,5-Trichlorophenol	8.75	196	297926	39.37	nq	95
45) 1,1'-Biphenyl	8.94	154	1166291	40.01	nq	98
46) 2-Chloronaphthalene	8.96	162	923372	40.47	nq	95
47) 2-Nitroaniline	9.07	65	278125	41.09	nq	90
48) Acenaphthylene	9.46	152	1473119	38.85	nq	99
49) Dimethylphthalate	9.33	163	1182865	46.05	nq	98
50) 2,6-Dinitrotoluene	9.39	165	241940	41.09	nq	# 88
51) Acenaphthene	9.68	154	868114	39.23	nq	99
52) 3-Nitroaniline	9.58	138	204455	29.57	nq	91
53) 2,4-Dinitrophenol	9.71	184	50060	19.62	nq	# 71
54) Dibenzofuran	9.89	168	1271102	42.20	nq	99
55) 4-Nitrophenol	9.80	139	410390	75.78	nq	# 74
56) 2,4-Dinitrotoluene	9.88	165	306385	41.42	nq	# 83
57) Fluorene	10.31	166	921536	36.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	218559	42.09	nq	99
59) Diethylphthalate	10.19	149	1049557	41.34	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	403465	37.91	nq	90
61) 4-Nitroaniline	10.34	138	259482	39.10	nq	95
62) Azobenzene	10.52	77	1036658	43.16	nq	96
64) 4,6-Dinitro-2-methylphenol	10.38	198	110894	29.70	nq	# 70
65) n-Nitrosodiphenylamine	10.47	169	872211	41.36	nq	98
66) 4-Bromophenyl-phenylether	10.92	248	248025	41.36	nq	96
67) Hexachlorobenzene	10.99	284	251861	41.49	nq	# 89
68) Atrazine	11.13	200	261037	41.33	nq	97
69) Pentachlorophenol	11.23	266	255582	67.64	nq	98
70) Phenanthrene	11.49	178	1396502	41.17	nq	99
71) Anthracene	11.56	178	1390744	39.82	nq	99
72) Carbazole	11.75	167	1297149	36.22	nq	99
73) Di-n-butylphthalate	12.20	149	1598137	42.91	nq	99
74) Fluoranthene	12.96	202	1417094	40.80	nq	99
76) Benzidine	13.12	184	429842	24.86	nq	95
77) Pyrene	13.23	202	1425734	44.97	nq	99
79) Butylbenzylphthalate	14.04	149	656915	48.62	nq	# 83
80) Benzo(a)anthracene	14.70	228	1051845	41.29	nq	99
81) 3,3'-Dichlorobenzidine	14.67	252	239041	26.25	nq	# 95
82) Chrysene	14.75	228	933922	39.50	nq	99
83) Bis(2-ethylhexyl)phthalate	14.76	149	918460	49.83	nq	99
84) Di-n-octyl phthalate	15.52	149	1443072	46.87	nq	98
85) Indeno(1,2,3-cd)pyrene	17.74	276	809996	39.56	nq	99
87) Benzo(b)fluoranthene	15.93	252	854728	42.70	nq	98
88) Benzo(k)fluoranthene	15.93	252	854728	43.65	nq	97
89) Benzo(a)pyrene	16.29	252	770672	41.81	nq	99
90) Dibenzo(a,h)anthracene	17.77	278	663413	42.50	nq	97
91) Benzo(g,h,i)perylene	18.16	276	676859	43.03	nq	98

(#) = 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

Lab File: BF093861.D

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Instrument :

BNA_F

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E2-Q14-BASEMS

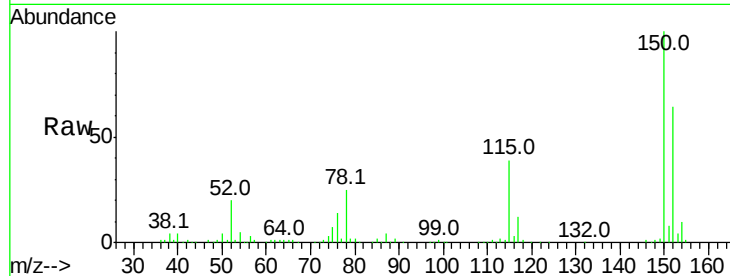
Tot Ion:152 Resp: 199915

Ion Ratio Lower Upper

152 100

150 156.0 126.2 189.2

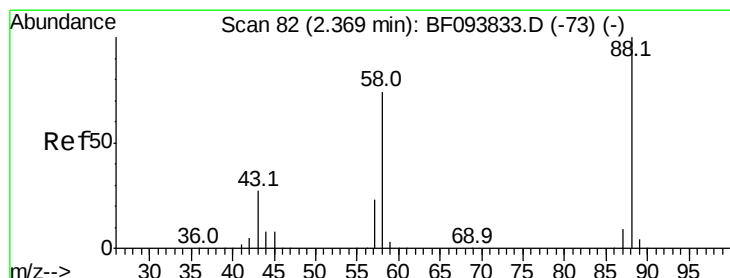
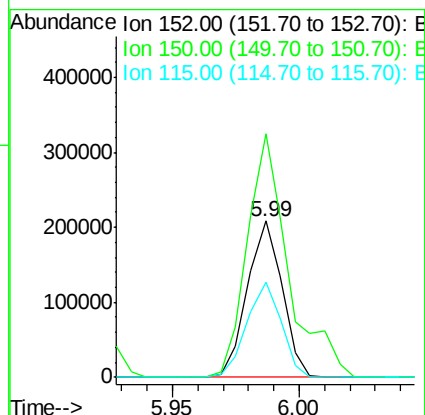
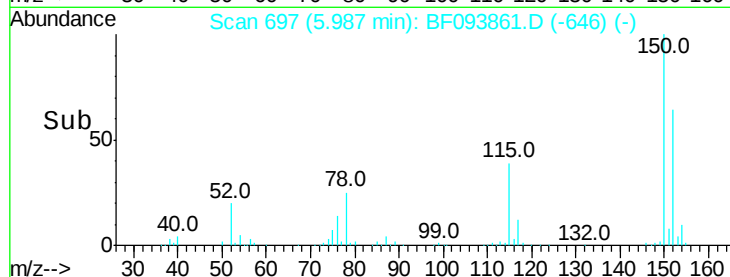
115 60.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.65 ng

RT: 2.43 min Scan# 92

Delta R.T. 0.06 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

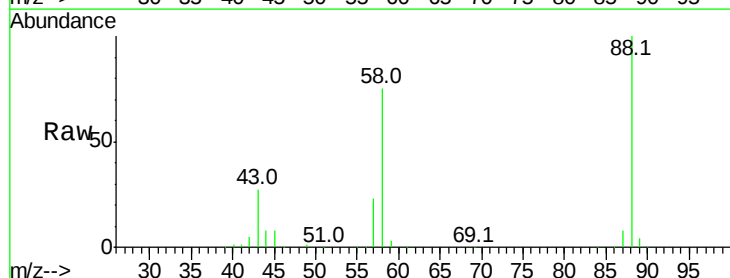
Tgt Ion: 88 Resp: 191363

Ion Ratio Lower Upper

88 100

58 76.9 61.4 92.0

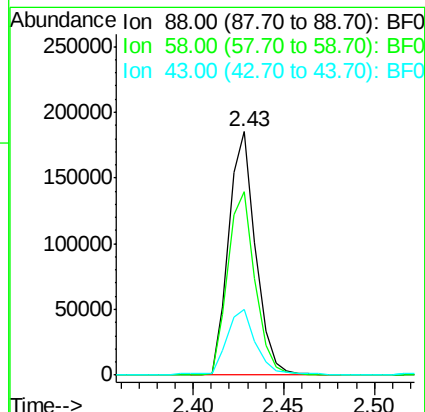
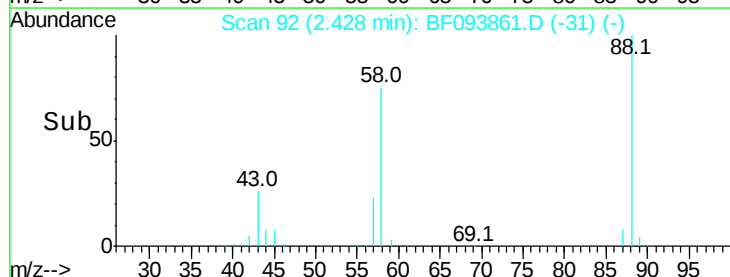
43 28.3 23.4 35.0

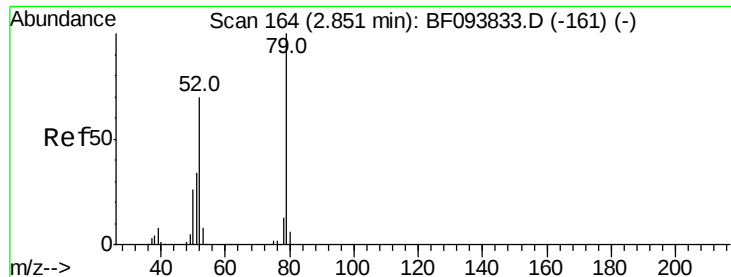


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

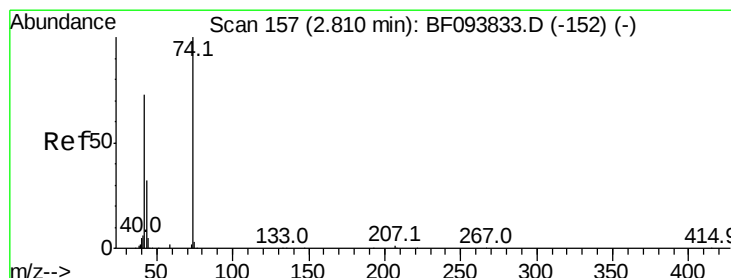
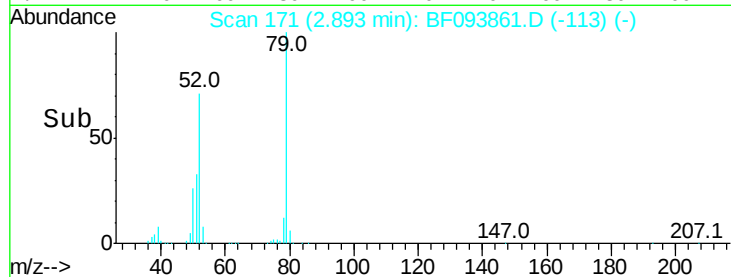
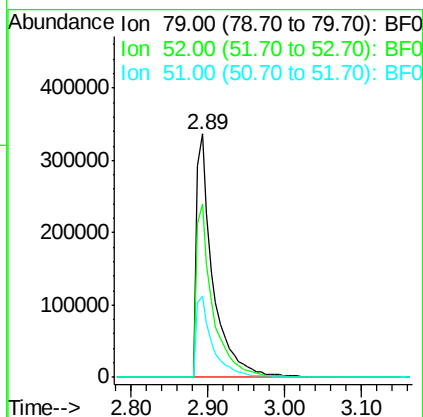
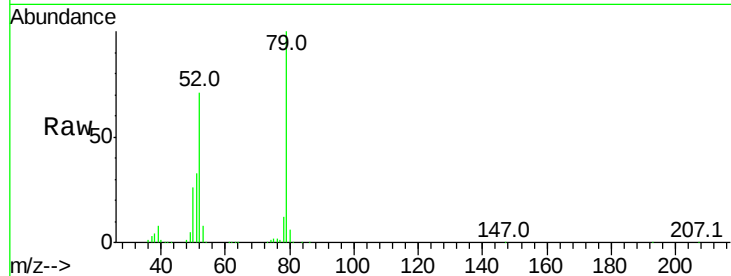




#3
 Pvridine
 Concen: 32.20 ng
 RT: 2.89 min Scan# 171
 Delta R.T. 0.04 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

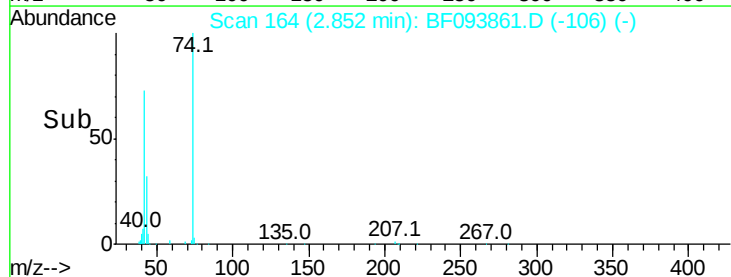
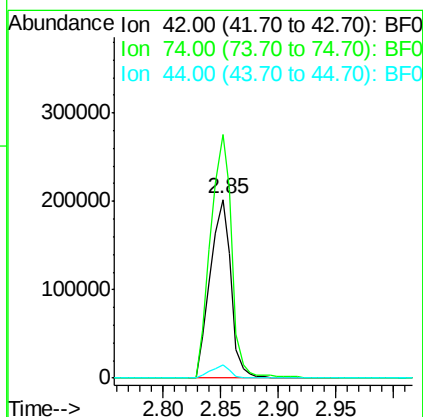
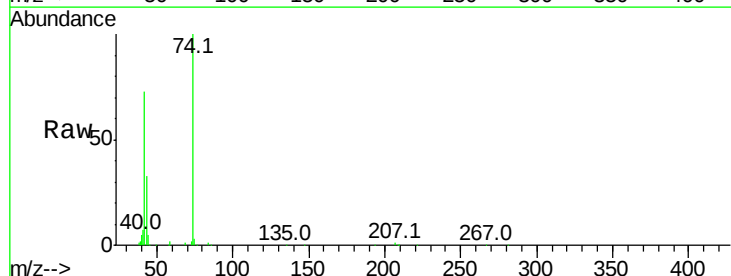
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

Tot Ion: 79 Resp: 499105
 Ion Ratio Lower Upper
 79 100
 52 70.9 54.8 82.2
 51 33.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 39.80 ng
 RT: 2.85 min Scan# 164
 Delta R.T. 0.04 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion: 42 Resp: 253806
 Ion Ratio Lower Upper
 42 100
 74 136.4 103.9 155.9
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 113.88 ng

RT: 4.52 min Scan# 448

Delta R.T. 0.02 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

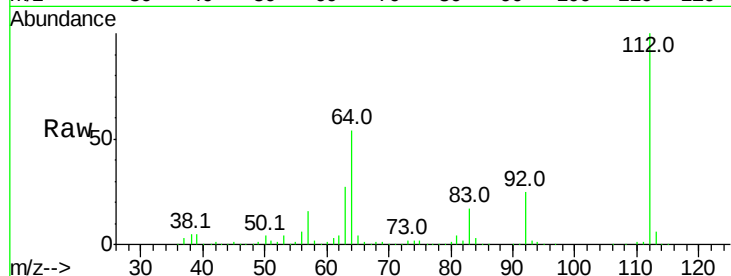
Tot Ion:112 Resp: 1347886

Ion Ratio Lower Upper

112 100

64 54.2 46.0 69.0

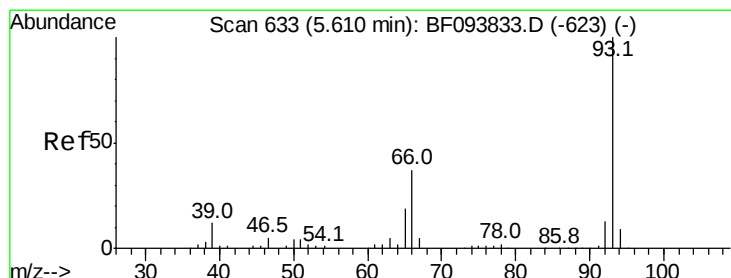
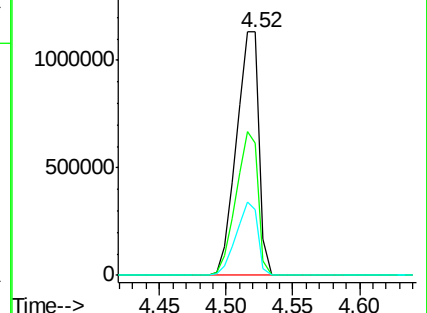
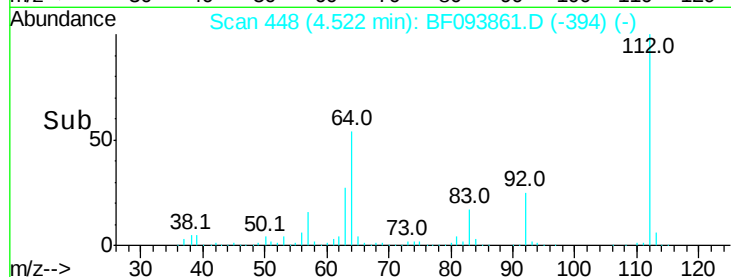
63 27.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.40 ng

RT: 5.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

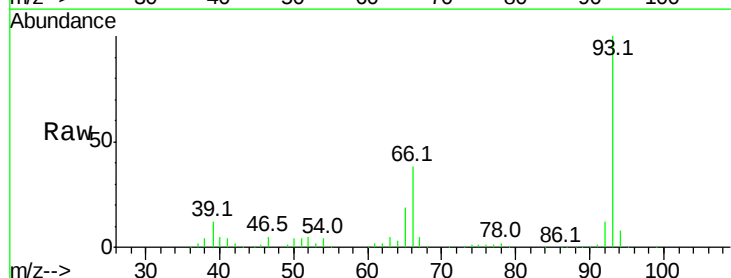
Tgt Ion: 93 Resp: 537651

Ion Ratio Lower Upper

93 100

66 38.5 32.9 49.3

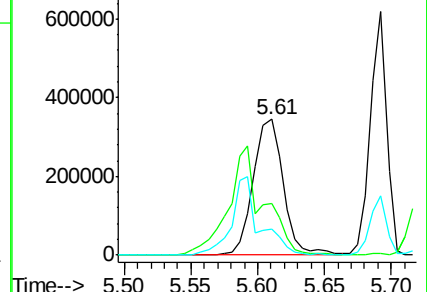
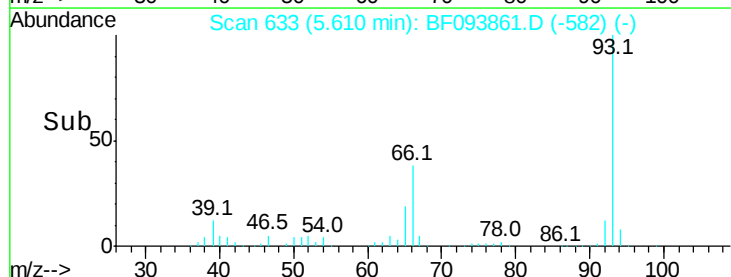
65 19.0 16.0 24.0

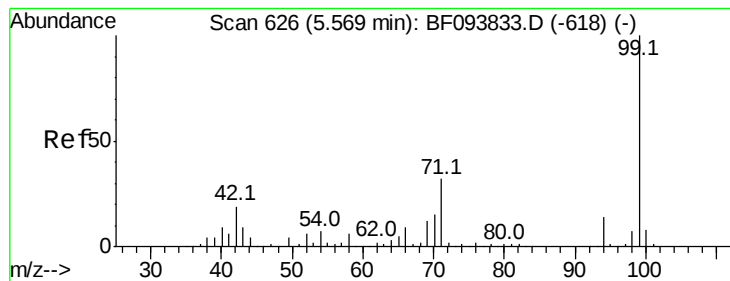


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.34 ng

RT: 5.57 min Scan# 627

Delta R.T. 0.01 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

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E2-Q14-BASEMS

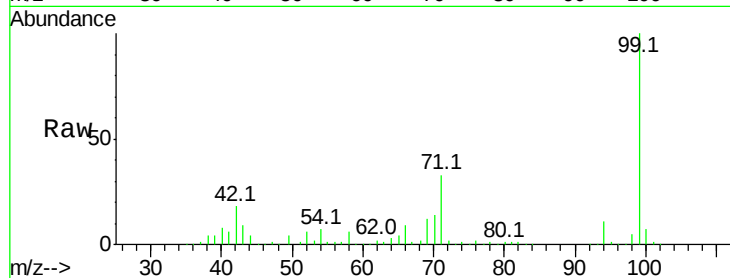
Tot Ion: 99 Resp: 1747390

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	33.2	24.5	36.7

99 100

42 18.1 13.5 20.3

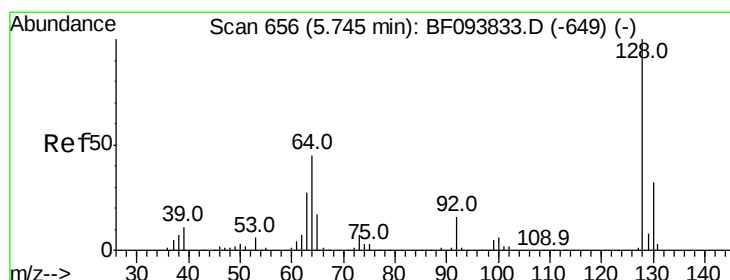
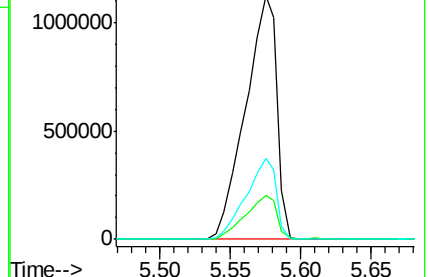
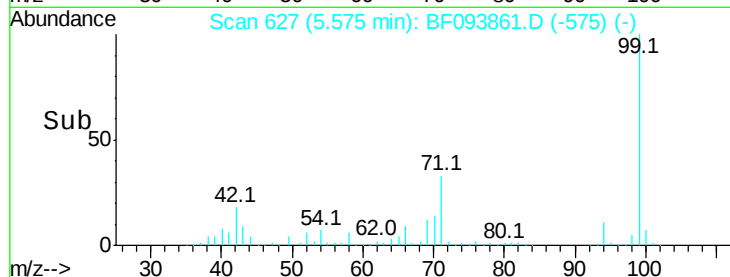
71 33.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.03 ng

RT: 5.75 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

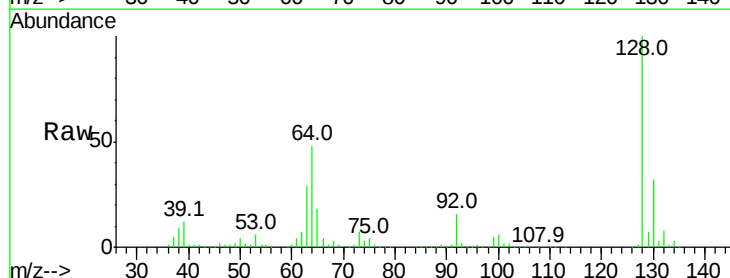
Tgt Ion:128 Resp: 533803

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	48.4	28.4	68.4

128 100

130 32.4 12.9 52.9

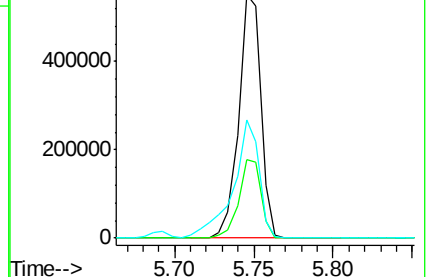
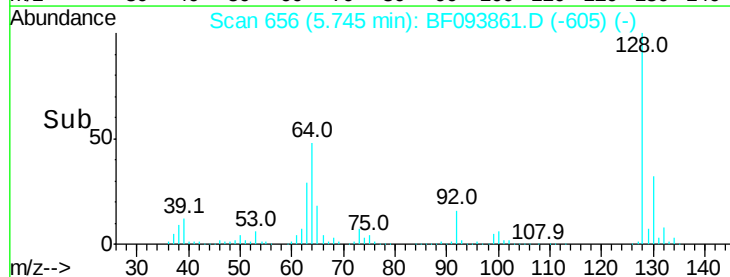
64 48.4 28.4 68.4

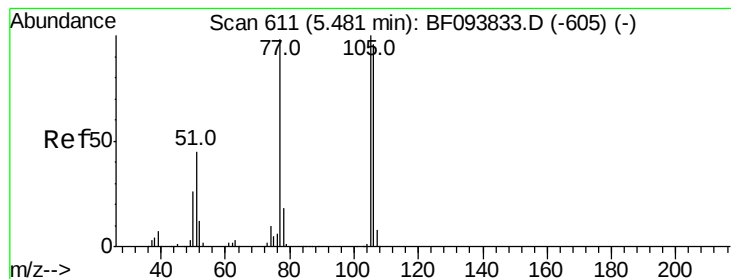


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.53 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF093861.D

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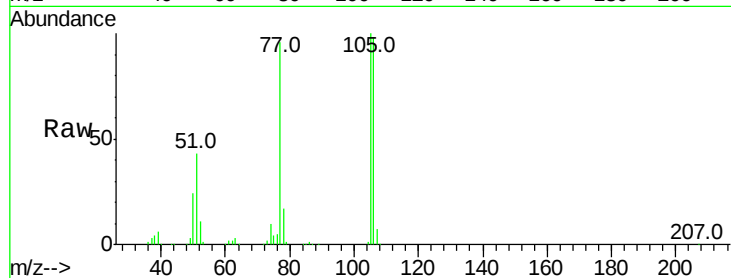
Tot Ion: 77 Resp: 183225

Ion Ratio Lower Upper

77 100

105 104.0 83.8 123.8

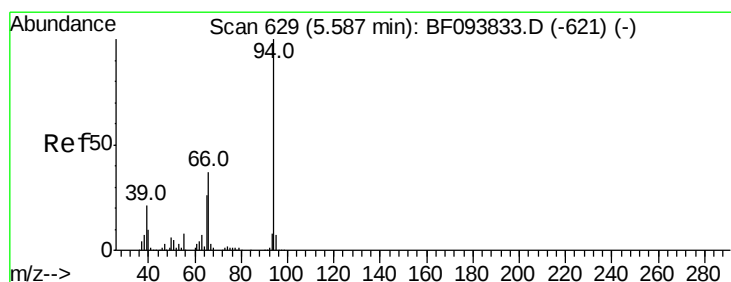
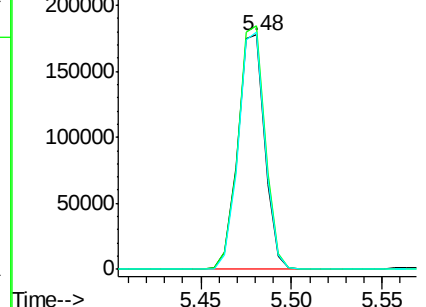
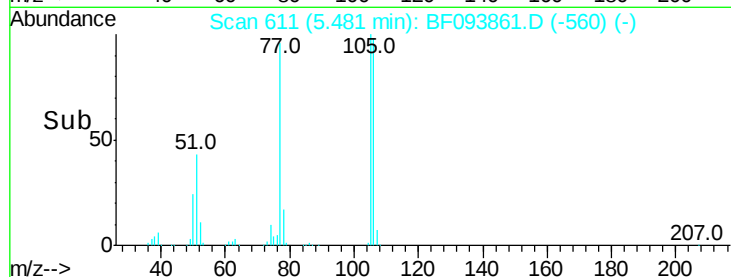
106 101.4 79.1 119.1



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: 43.14 ng

RT: 5.59 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

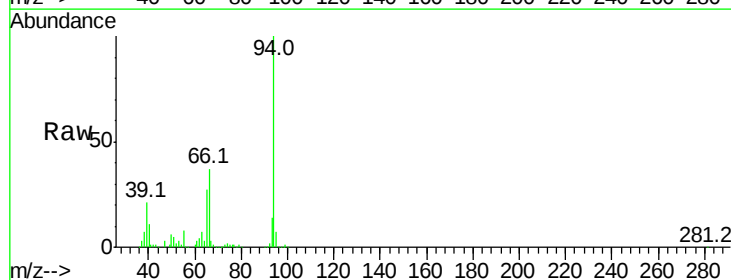
Tgt Ion: 94 Resp: 718837

Ion Ratio Lower Upper

94 100

65 27.0 9.9 49.9

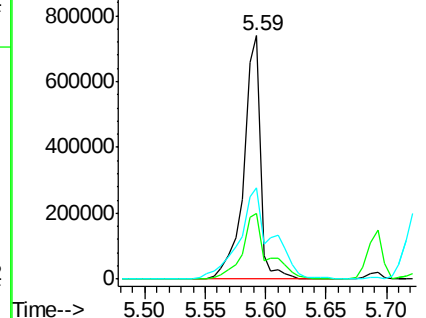
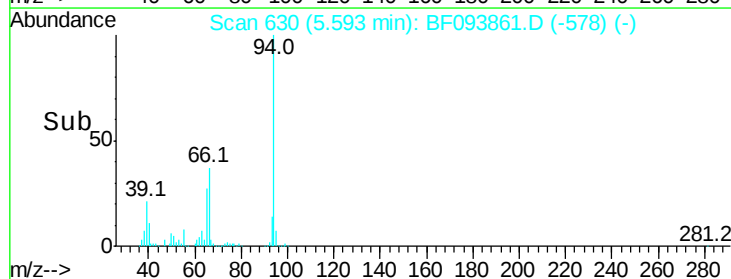
66 37.5 23.1 63.1



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

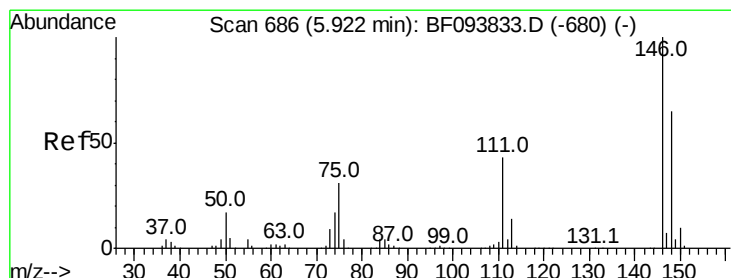
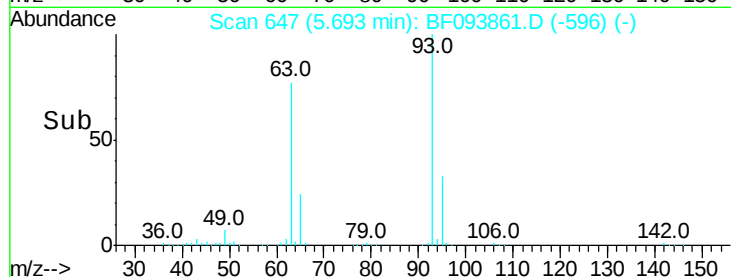
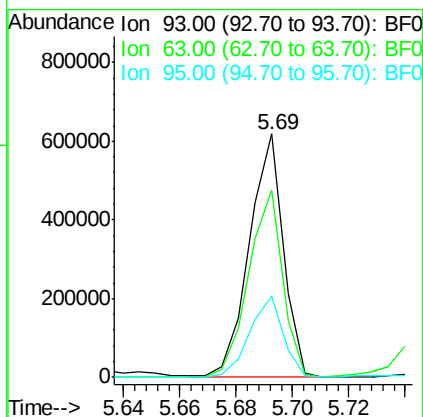
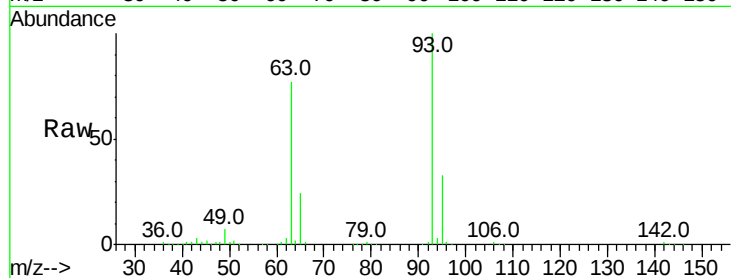




#11
bis(2-Chloroethyl)ether
Concen: 39.47 ng
RT: 5.69 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

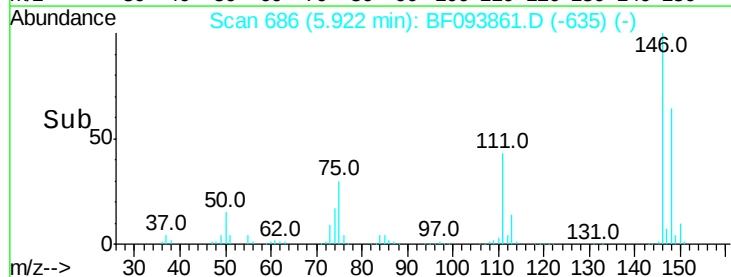
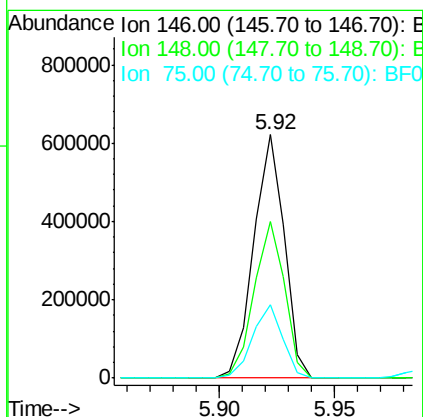
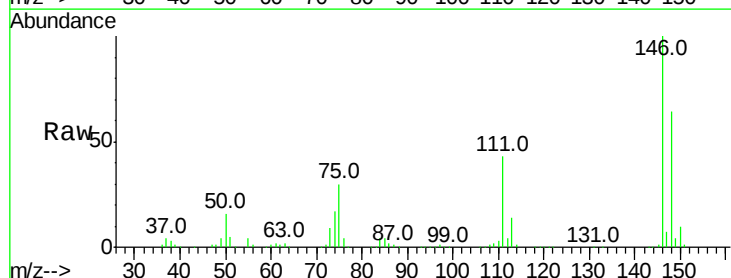
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMS

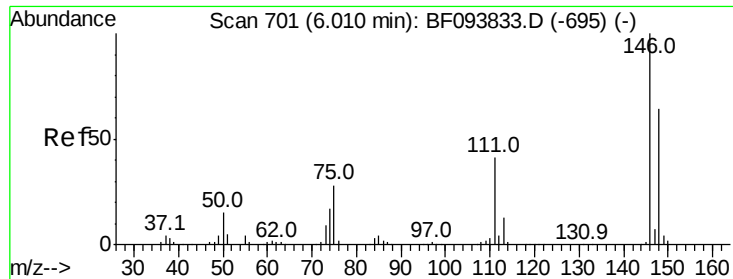
Tot Ion: 93 Resp: 514018
Ion Ratio Lower Upper
93 100
63 76.9 59.2 99.2
95 33.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.45 ng
RT: 5.92 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Tgt Ion: 146 Resp: 575666
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
75 29.9 23.1 34.7

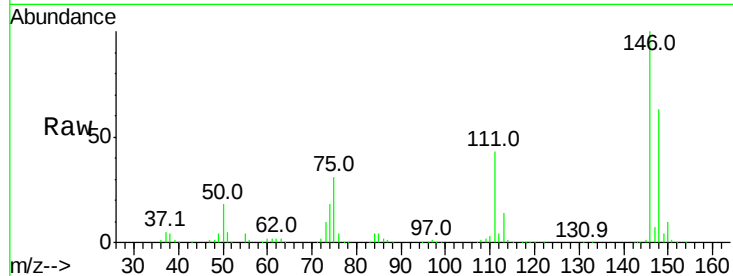




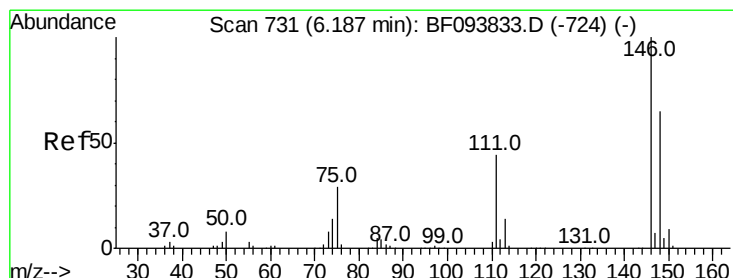
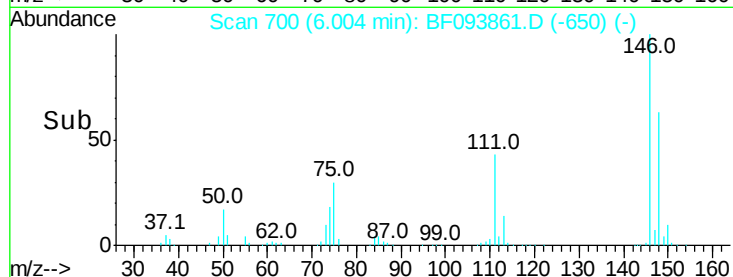
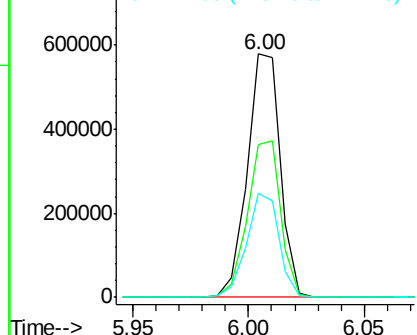
#13
1,4-Dichlorobenzene
Concen: 39.27 ng
RT: 6.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMS

Tot Ion:146 Resp: 580444
Ion Ratio Lower Upper
146 100
148 62.9 52.2 78.2
111 42.8 30.3 45.5

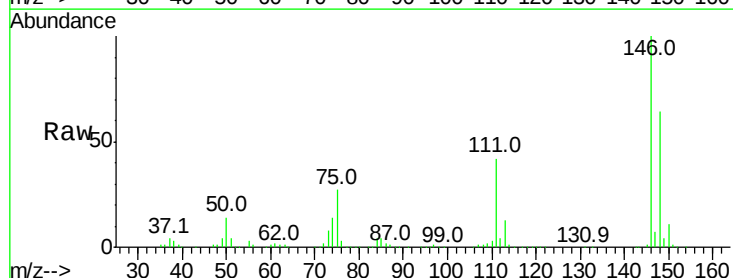


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

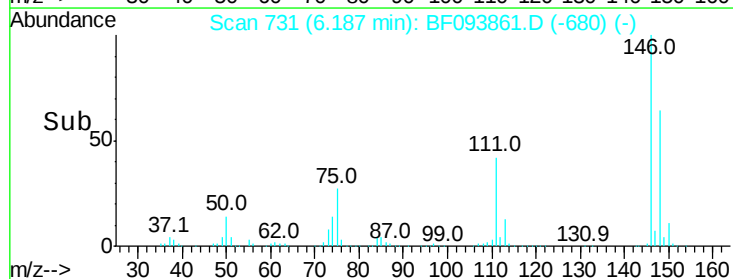
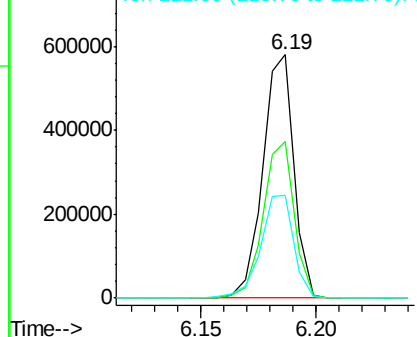


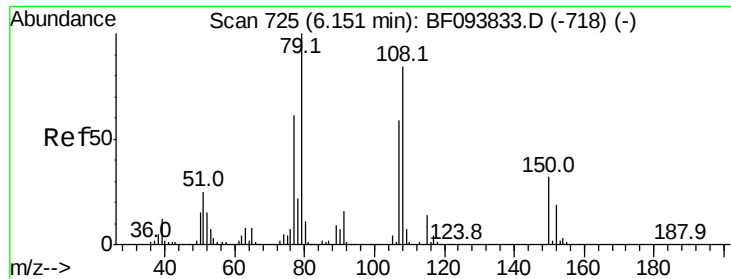
#14
1,2-Dichlorobenzene
Concen: 39.95 ng
RT: 6.19 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Tgt Ion:146 Resp: 543761
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
111 42.4 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: 43.27 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

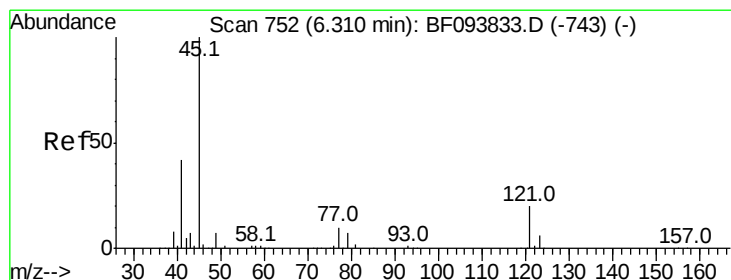
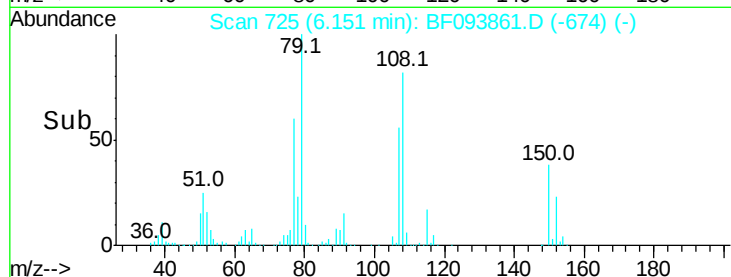
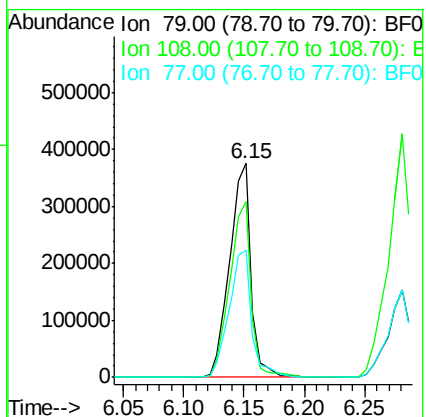
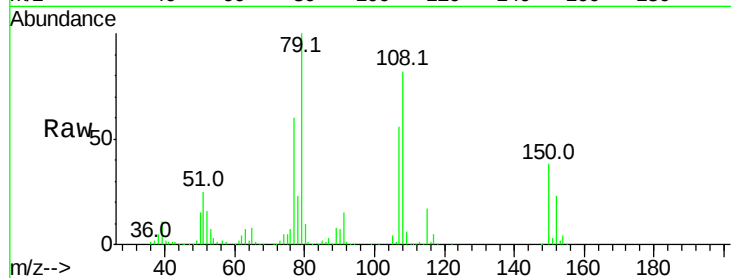
Tot Ion: 79 Resp: 463732

Ion Ratio Lower Upper

79 100

108 82.4 63.4 95.0

77 59.5 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.50 ng

RT: 6.32 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

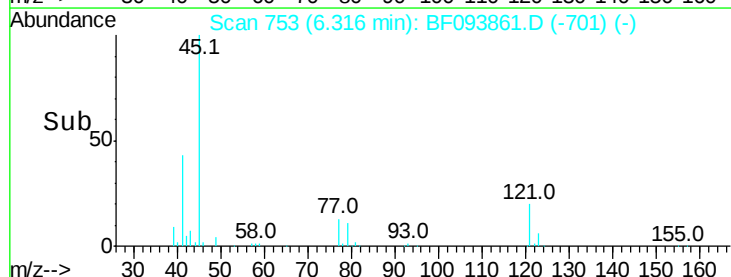
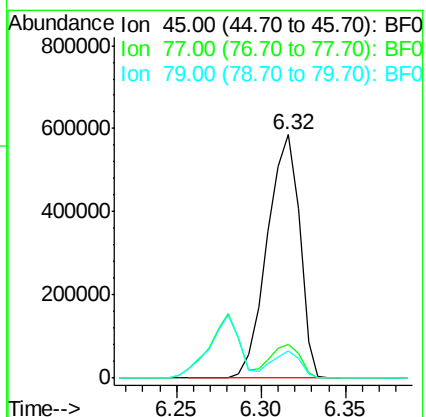
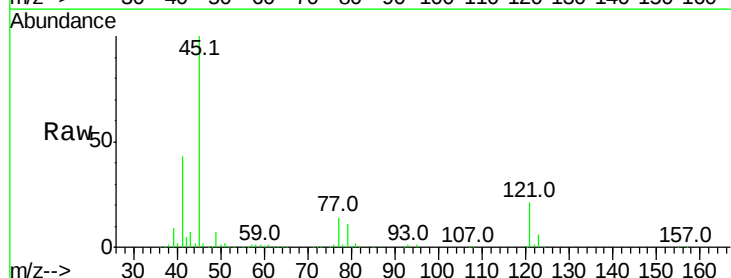
Tgt Ion: 45 Resp: 772457

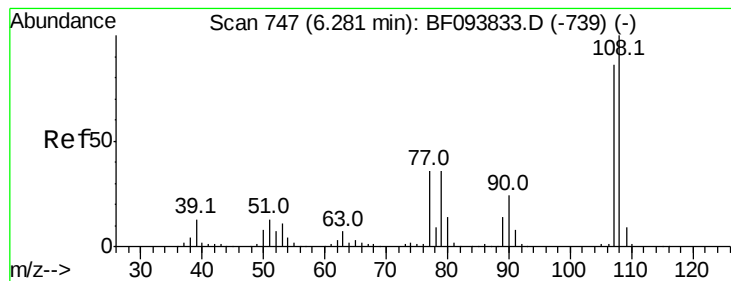
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.2

79 11.0 0.0 30.0





#17

2-Methylphenol

Concen: 40.47 ng

RT: 6.28 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

Tot Ion:107 Resp: 450924

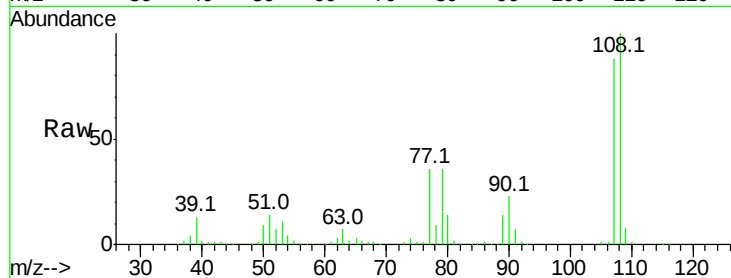
Ion Ratio Lower Upper

107 100

108 114.1 93.4 140.0

77 41.2 35.8 53.6

79 40.7 34.8 52.2

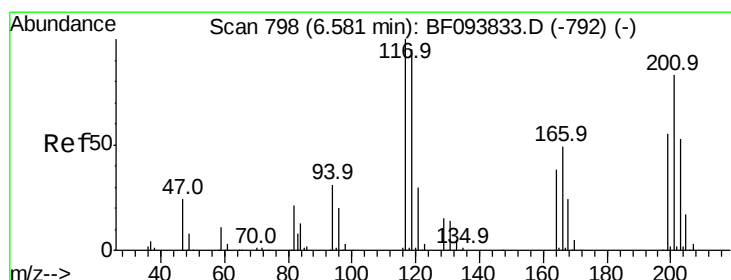
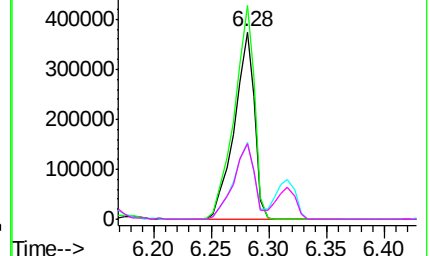
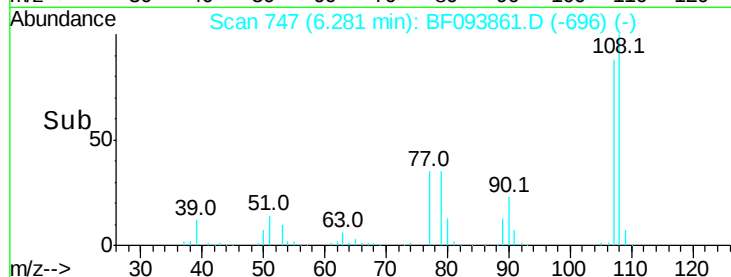


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.68 ng

RT: 6.58 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

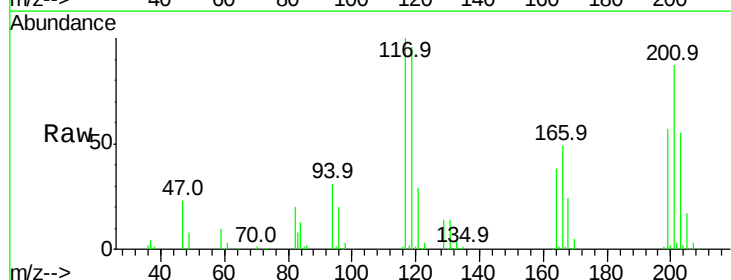
Tgt Ion:117 Resp: 206121

Ion Ratio Lower Upper

117 100

119 96.2 77.4 116.0

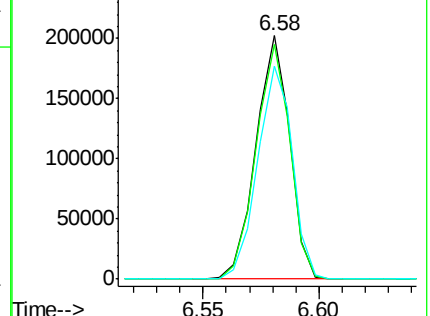
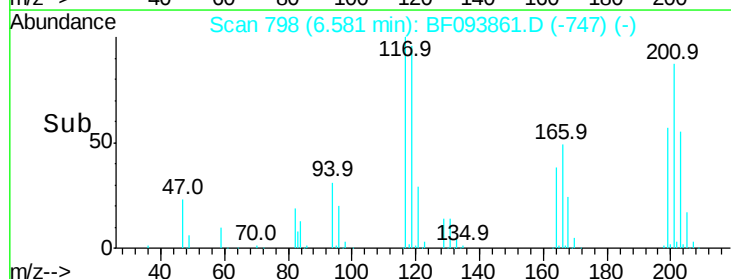
201 87.5 94.6 141.8#

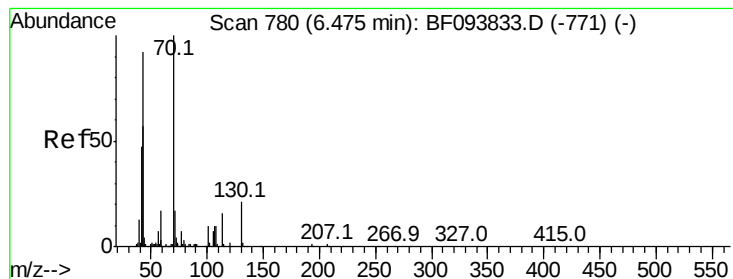


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.36 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

Tot Ion: 70 Resp: 379813

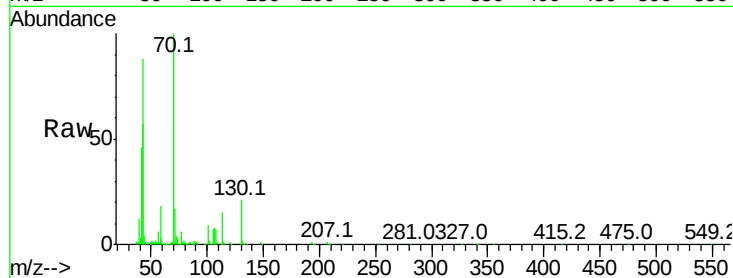
Ion Ratio Lower Upper

70 100

42 57.1 47.2 70.8

101 9.5 7.2 10.8

130 20.6 15.9 23.9

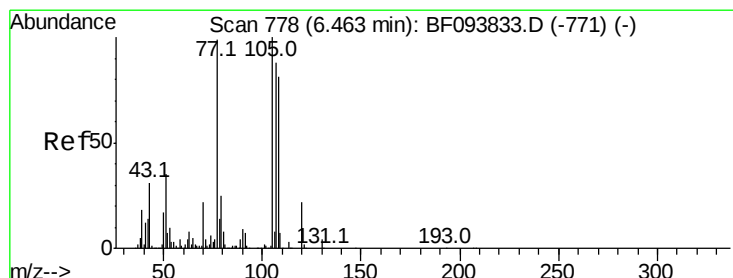
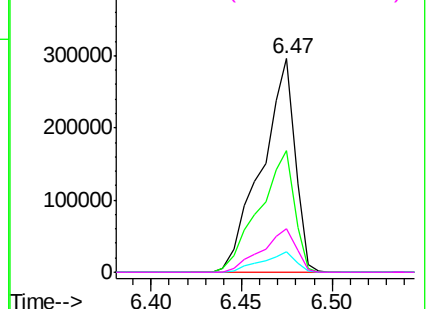
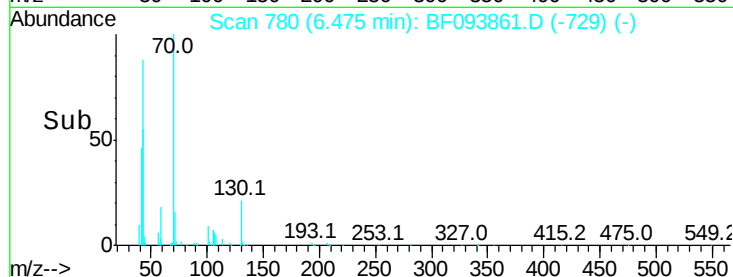


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 39.24 ng

RT: 6.46 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Tgt Ion: 107 Resp: 529524

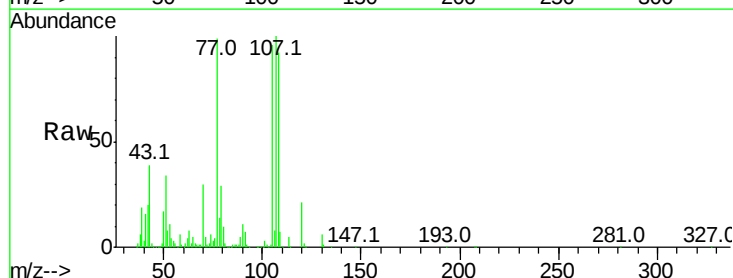
Ion Ratio Lower Upper

107 100

108 91.5 71.0 111.0

77 99.2 90.5 130.5

79 28.5 8.4 48.4

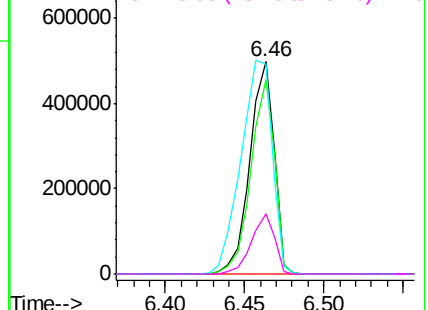
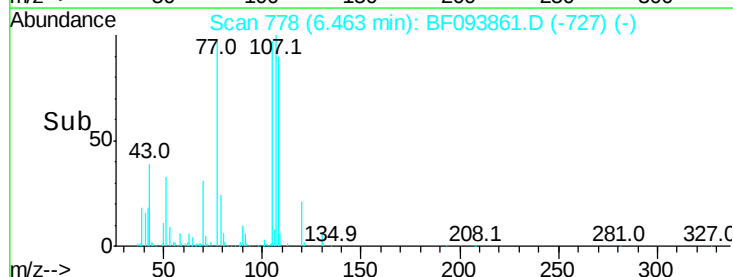


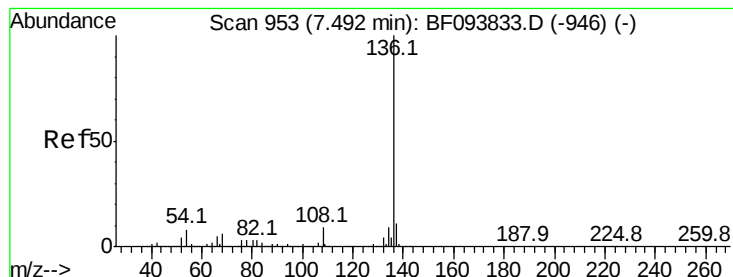
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.49 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

Tot Ion:136 Resp: 806203

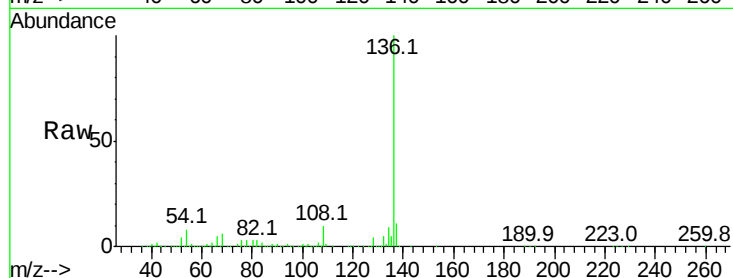
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 6.0 4.1 6.1

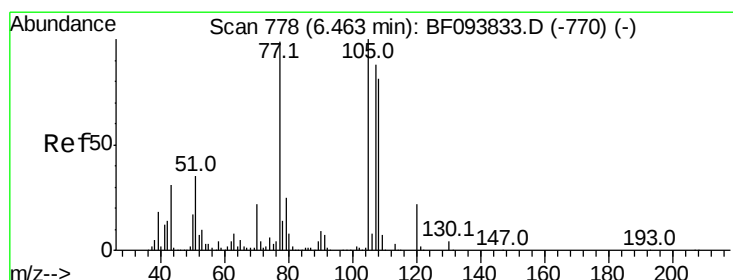
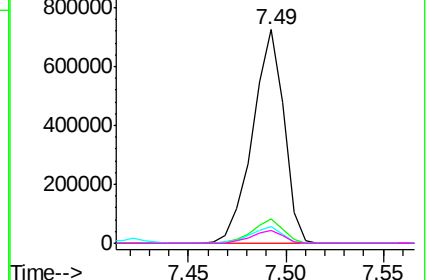
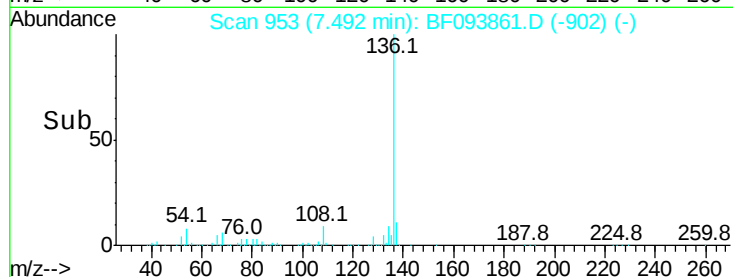


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.06 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Tgt Ion:105 Resp: 719760

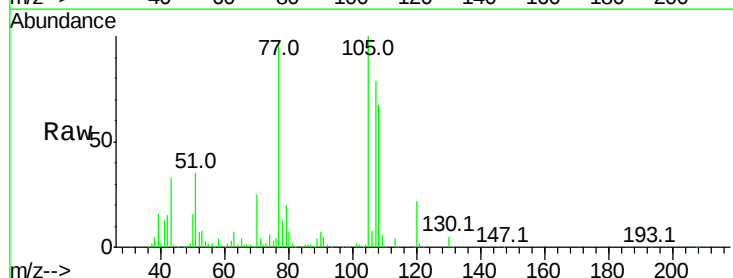
Ion Ratio Lower Upper

105 100

71 4.2 2.8 4.2#

51 35.2 30.7 46.1

120 22.0 17.4 26.0

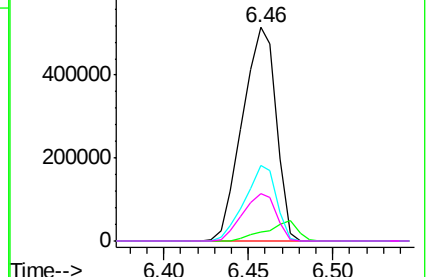
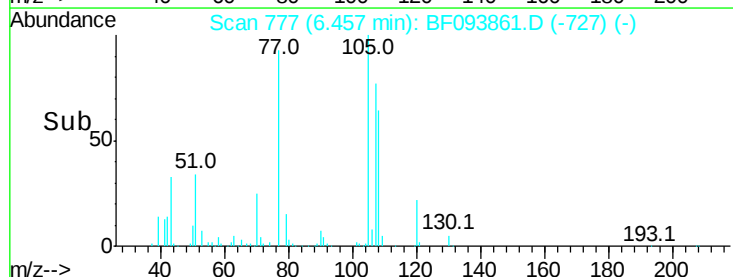


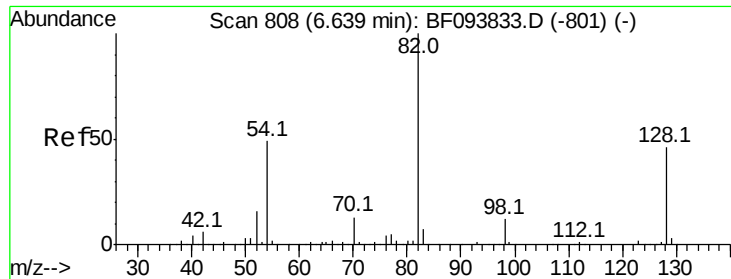
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

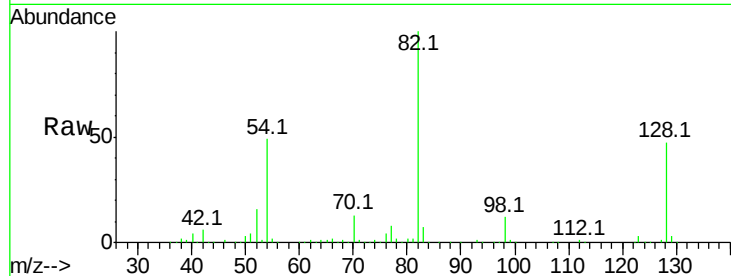




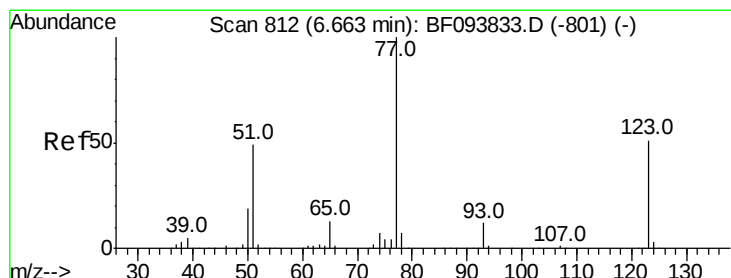
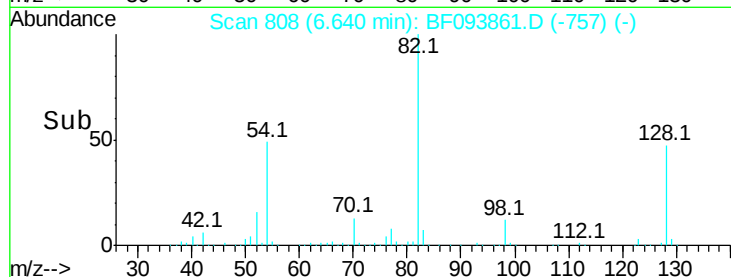
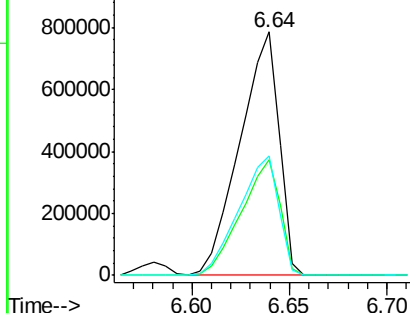
#23
Nitrobenzene-d5
Concen: 77.42 ng
RT: 6.64 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMS

Tot Ion: 82 Resp: 1093716
Ion Ratio Lower Upper
82 100
128 47.4 34.0 51.0
54 49.2 42.2 63.2

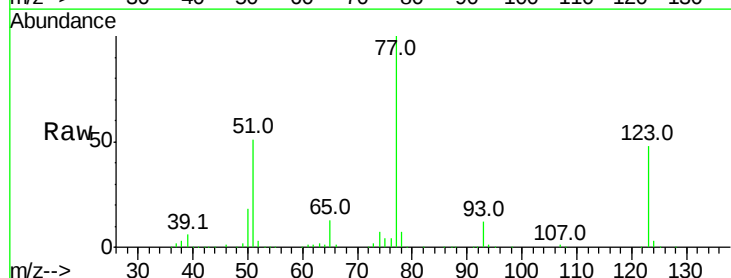


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

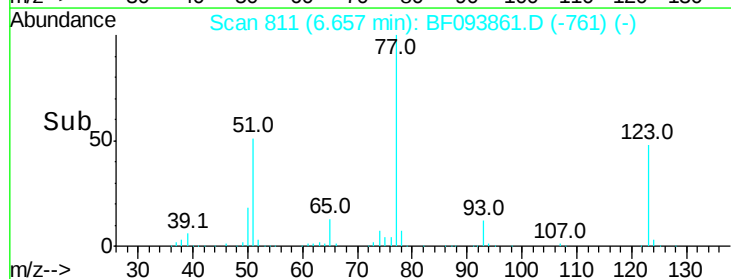
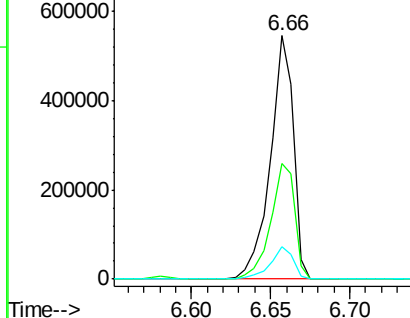


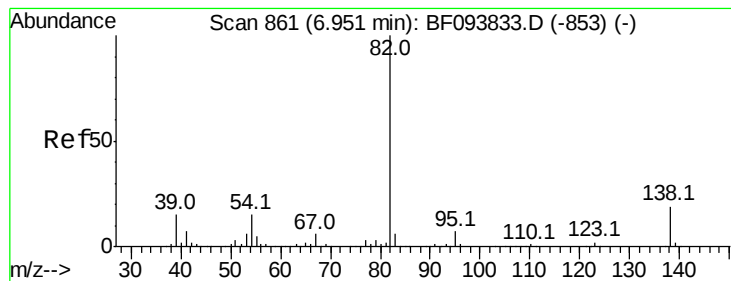
#24
Nitrobenzene
Concen: 39.97 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Tgt Ion: 77 Resp: 556909
Ion Ratio Lower Upper
77 100
123 47.7 35.8 53.8
65 13.1 10.6 15.8



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





#25

Isophorone

Concen: 41.16 ng

RT: 6.95 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

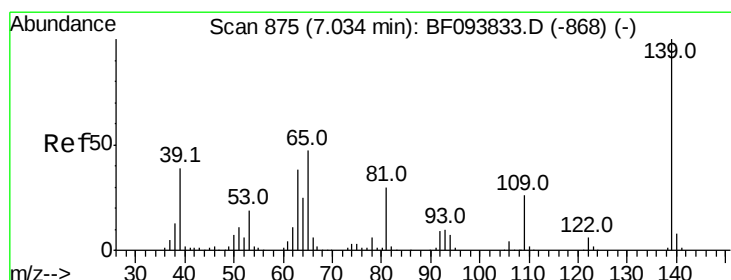
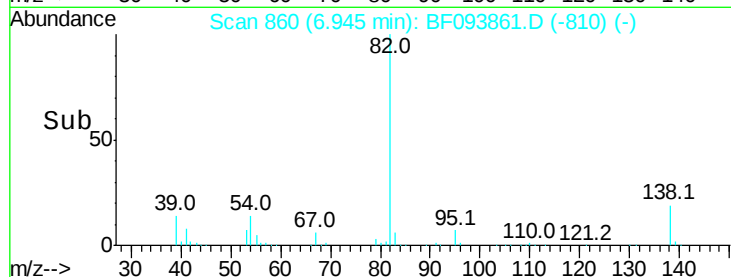
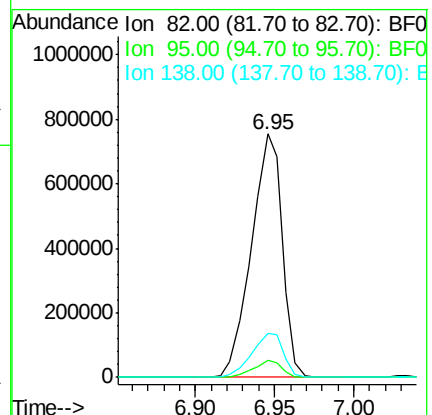
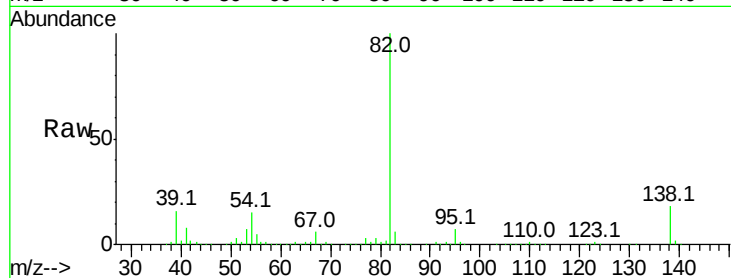
Tot Ion: 82 Resp: 1021772

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 43.51 ng

RT: 7.03 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

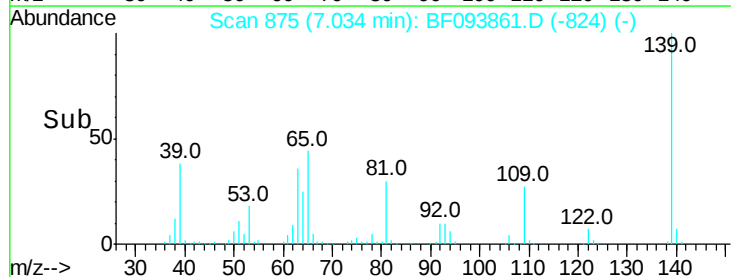
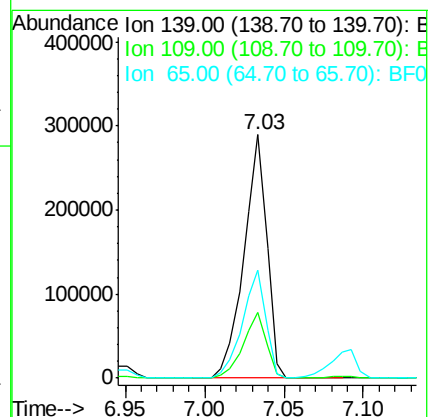
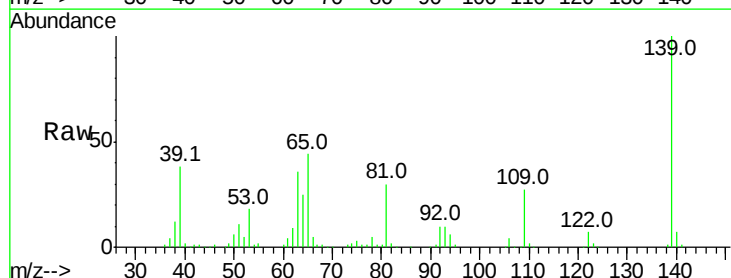
Tgt Ion:139 Resp: 289078

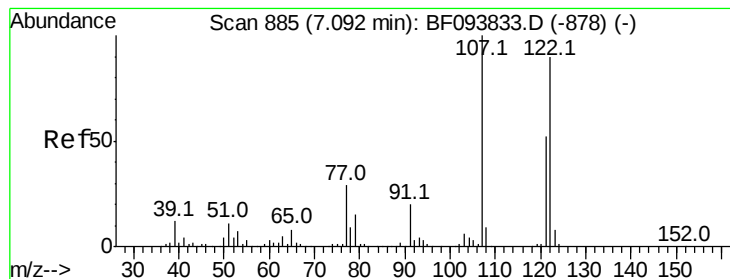
Ion Ratio Lower Upper

139 100

109 26.9 21.0 31.6

65 44.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 38.61 ng

RT: 7.09 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

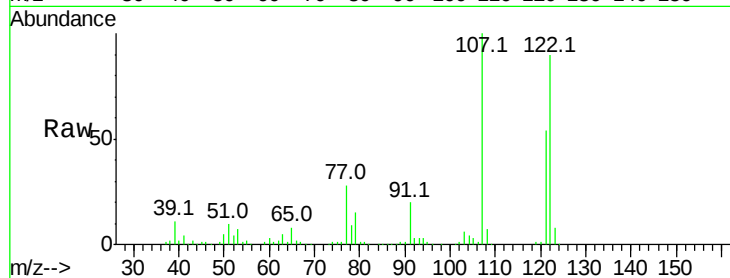
Tot Ion:122 Resp: 442034

Ion Ratio Lower Upper

122 100

107 111.4 89.2 133.8

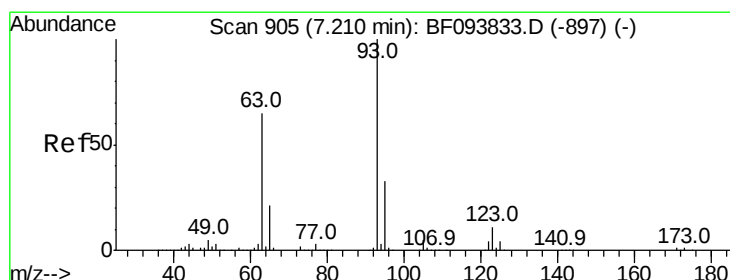
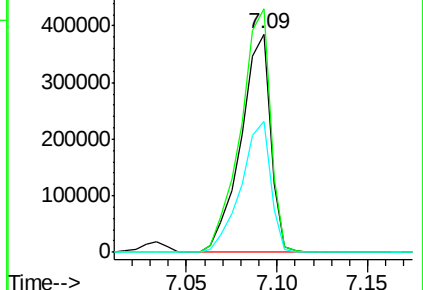
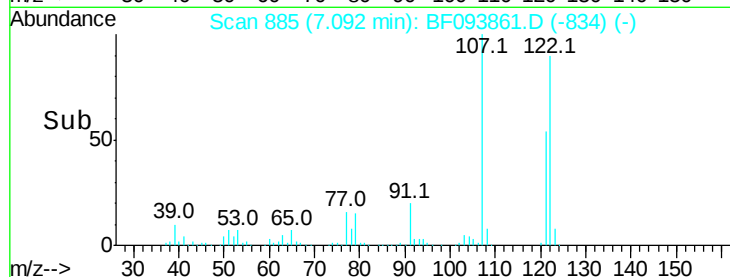
121 59.7 45.2 67.8



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: 40.80 ng

RT: 7.21 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

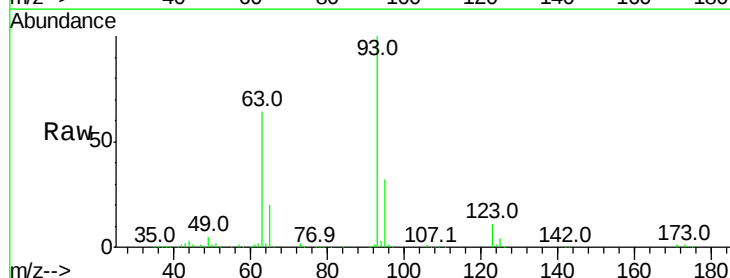
Tgt Ion: 93 Resp: 667808

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

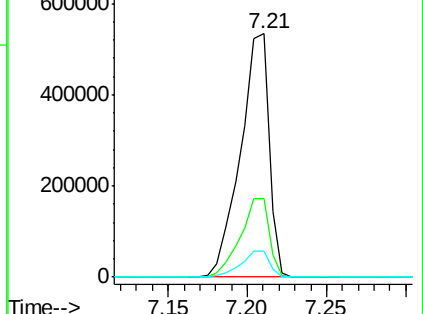
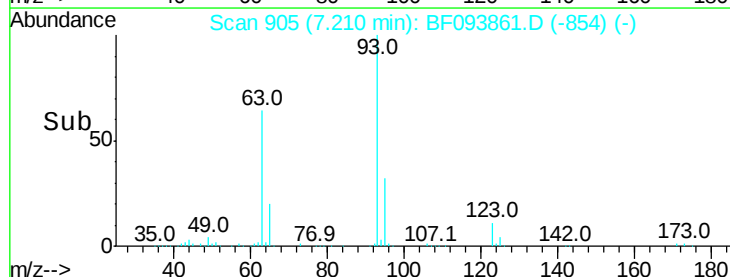
123 10.9 9.0 13.4



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

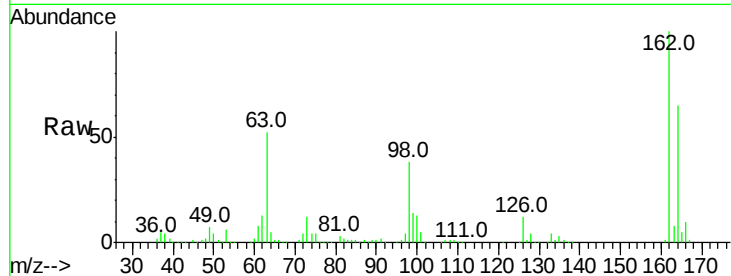




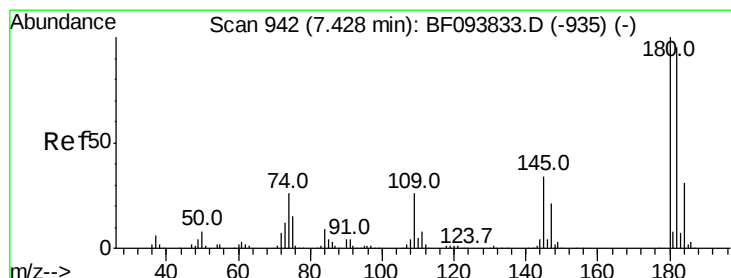
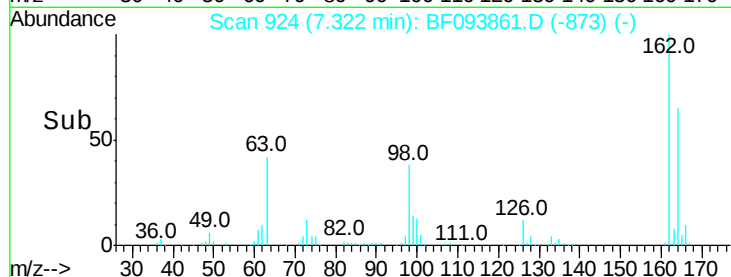
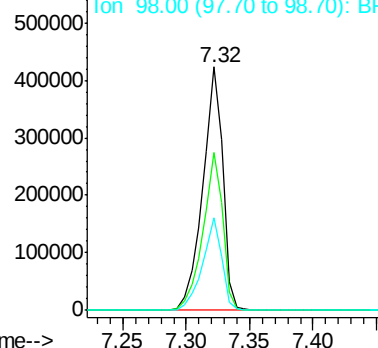
#29
 2,4-Dichlorophenol
 Concen: 43.00 ng
 RT: 7.32 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

Tot Ion:162 Resp: 460278
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.6 84.6
 98 37.9 14.8 54.8

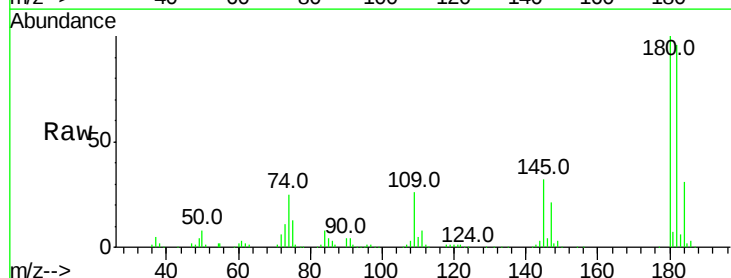


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

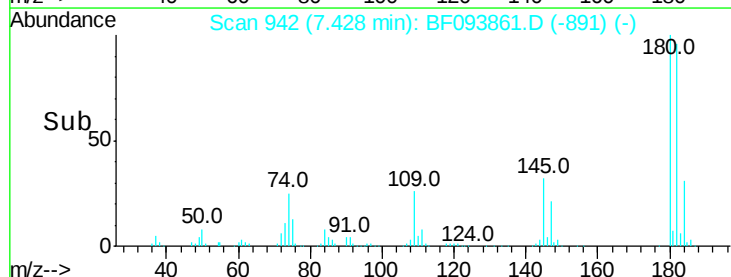
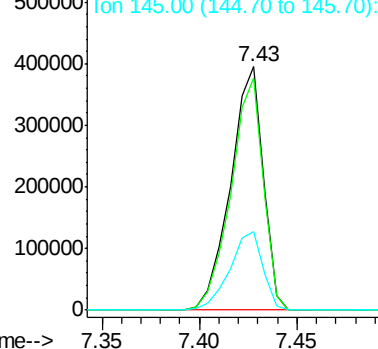


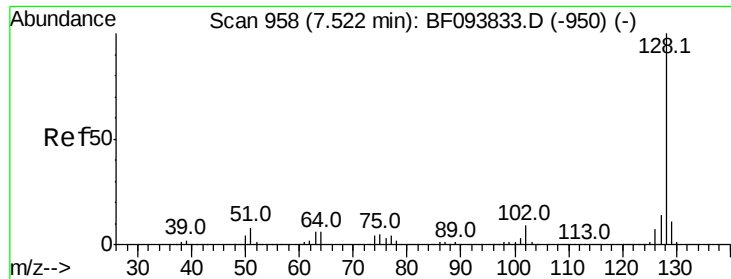
#30
 1,2,4-Trichlorobenzene
 Concen: 41.44 ng
 RT: 7.43 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion:180 Resp: 456922
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.8 113.6
 145 32.2 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

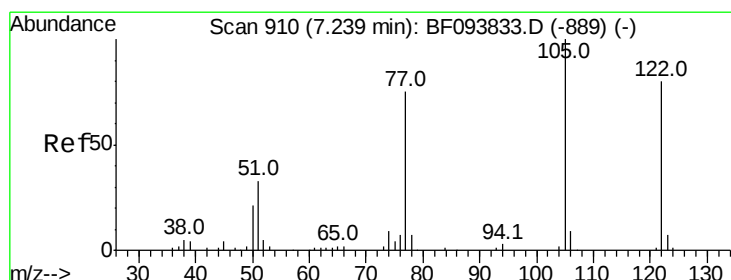
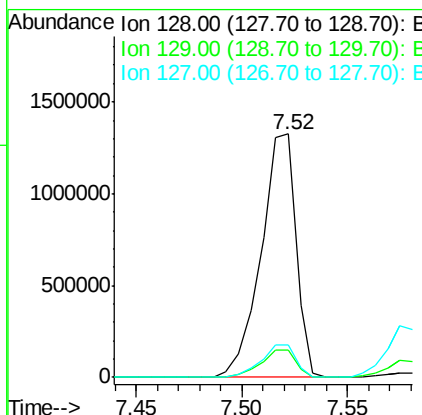
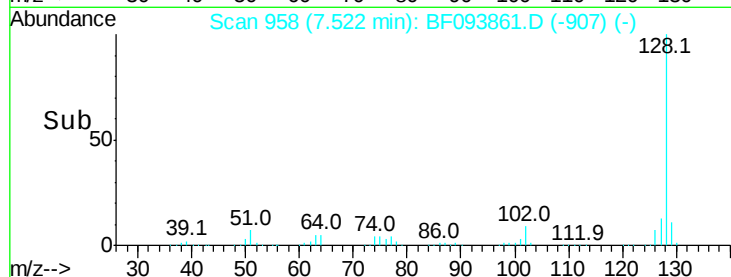
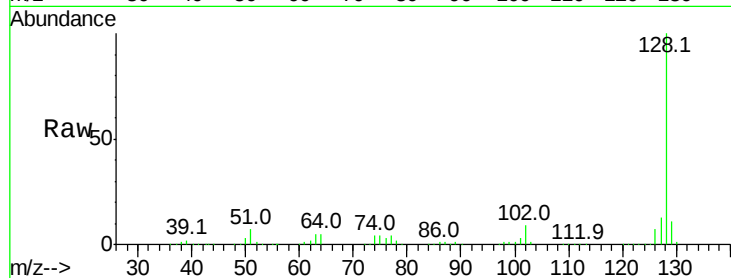




#31
Naphthalene
Concen: 39.43 ng
RT: 7.52 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

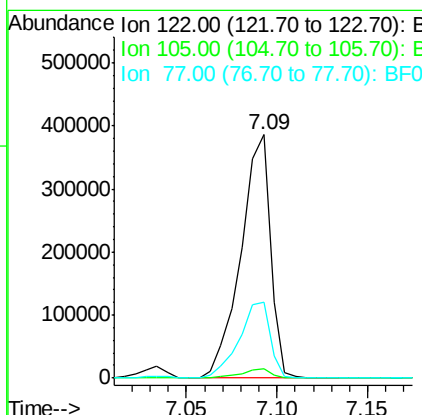
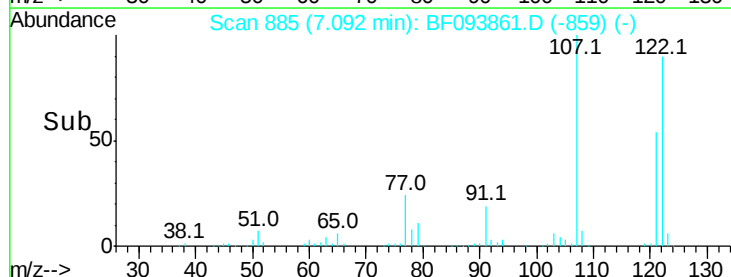
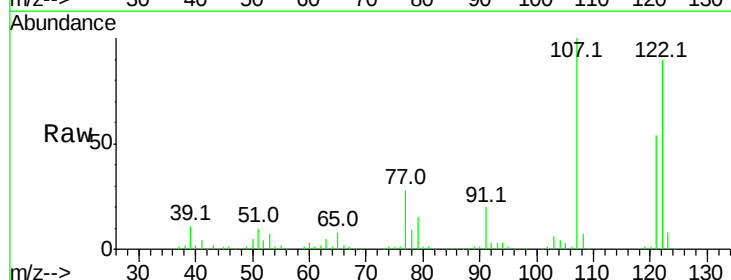
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMS

Tot Ion:128 Resp: 1528382
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 58.00 ng
RT: 7.09 min Scan# 885
Delta R.T. -0.15 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Tgt Ion:122 Resp: 442034
Ion Ratio Lower Upper
122 100
105 3.7 103.3 143.3#
77 31.2 73.7 113.7#





#33

4-Chloroaniline

Concen: 20.46 ng

RT: 7.57 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

Tot Ion:127 Resp: 321522

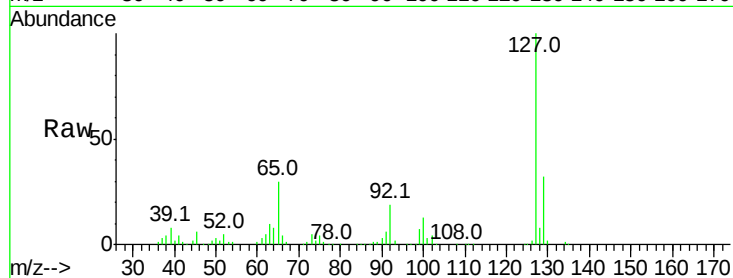
Ion Ratio Lower Upper

127 100

129 31.9 26.2 39.2

65 30.1 27.8 41.8

92 18.9 16.8 25.2

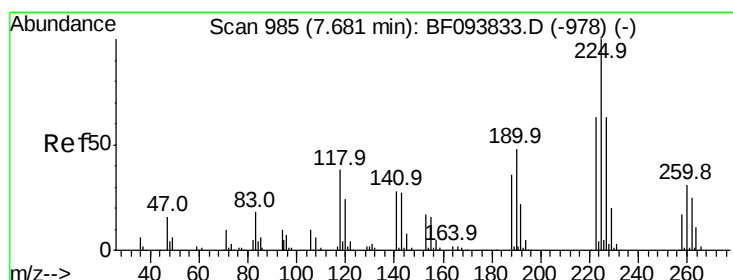
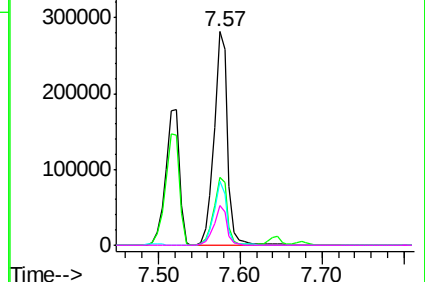
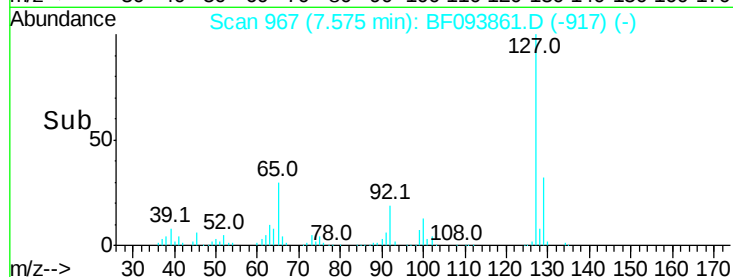


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.34 ng

RT: 7.67 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

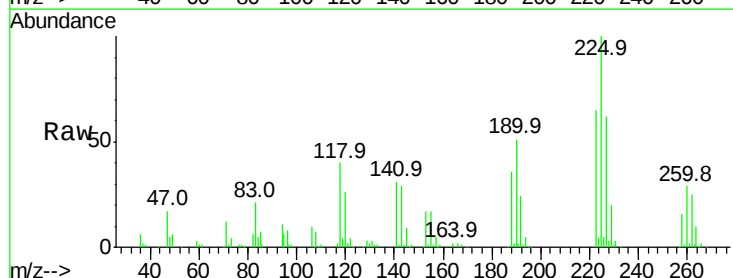
Tgt Ion:225 Resp: 228070

Ion Ratio Lower Upper

225 100

223 65.0 48.8 73.2

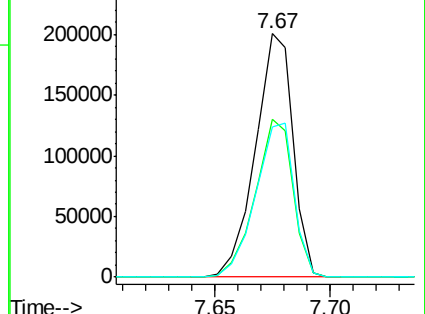
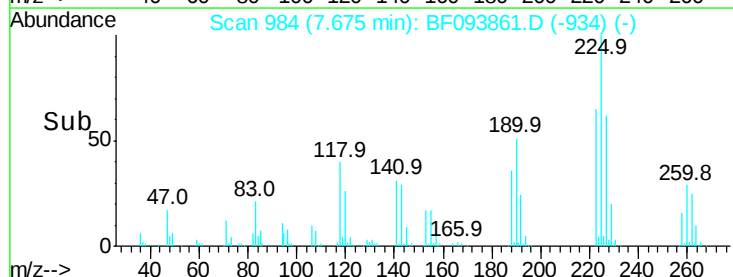
227 61.9 51.1 76.7

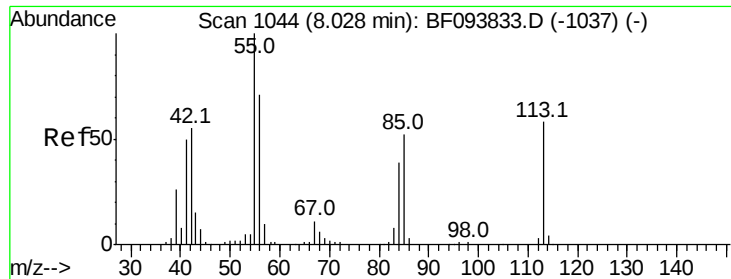


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 12.75 ng

RT: 8.02 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

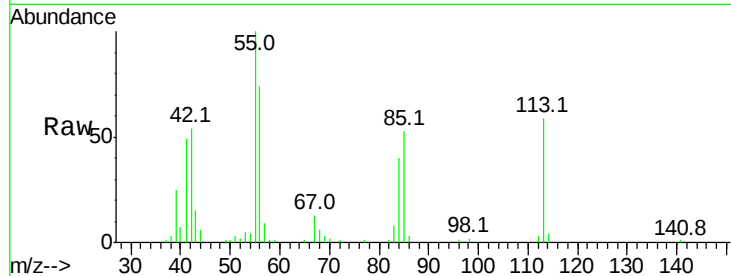
Tot Ion:113 Resp: 43523

Ion Ratio Lower Upper

113 100

55 170.3 150.2 190.2

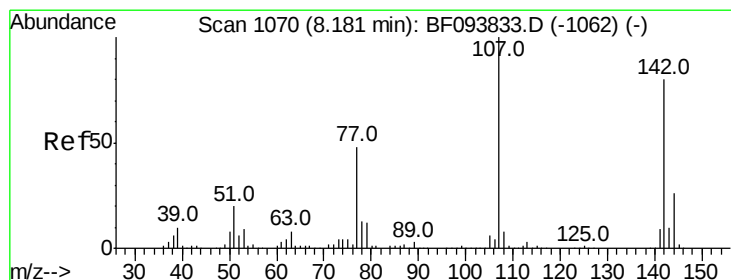
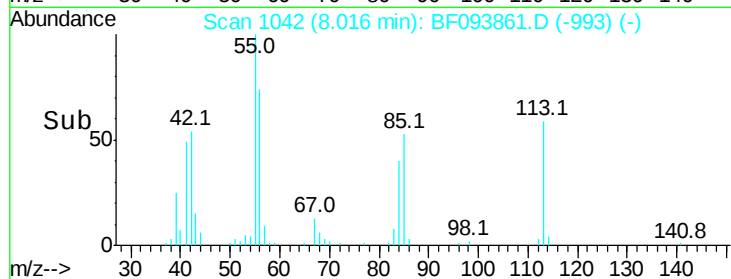
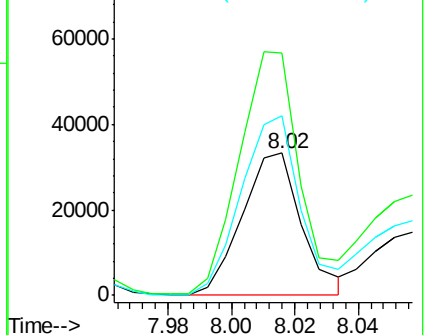
56 125.9 107.8 147.8



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: 42.39 ng

RT: 8.18 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

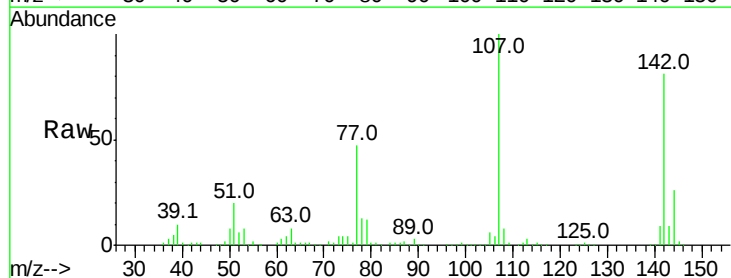
Tgt Ion:107 Resp: 474097

Ion Ratio Lower Upper

107 100

144 25.7 24.2 36.4

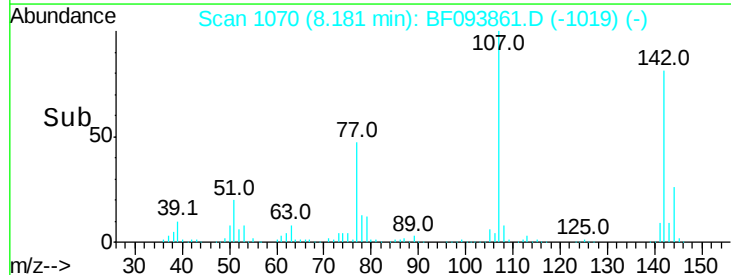
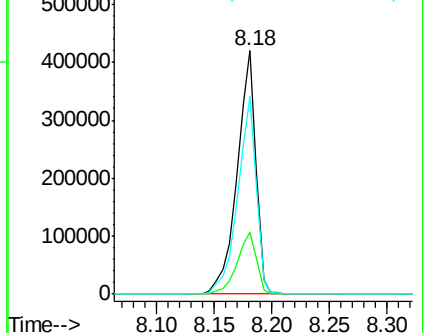
142 81.2 73.4 110.0

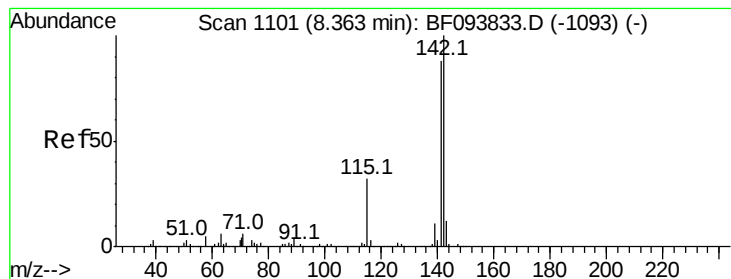


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



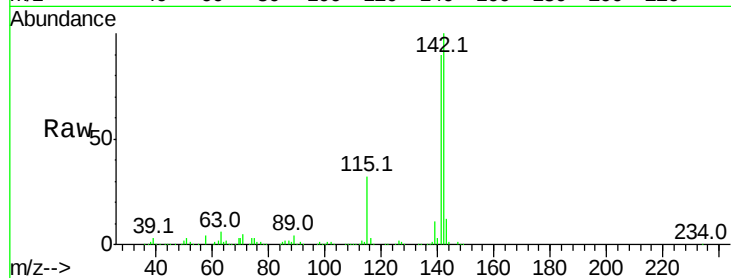


#37
 2-Methylnaphthalene
 Concen: 41.10 ng
 RT: 8.36 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

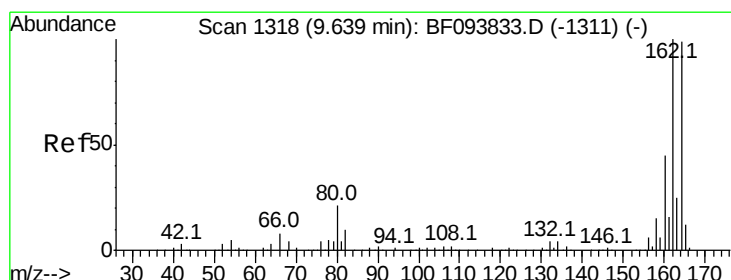
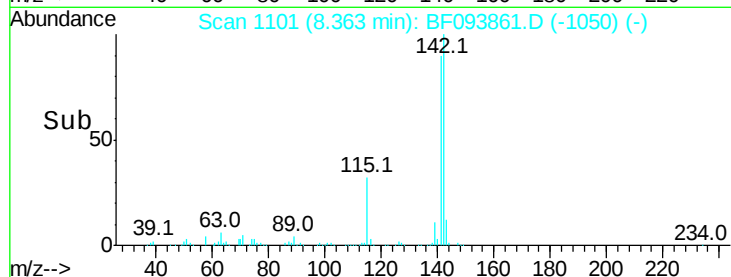
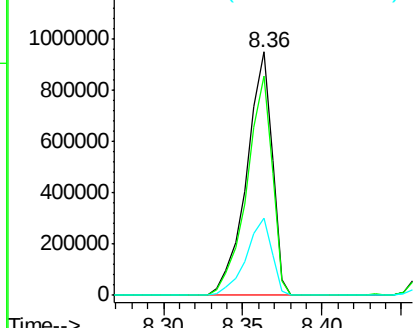
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

Tot Ion:142 Resp: 1062137

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	32.0	27.1	40.7



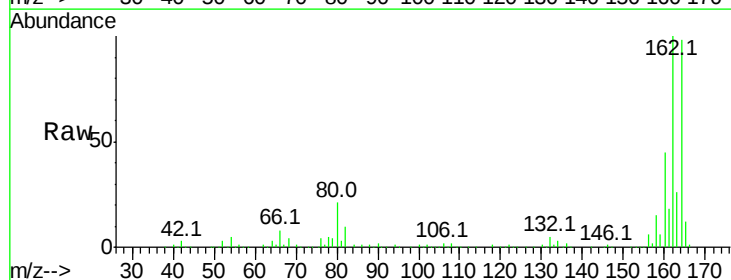
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E



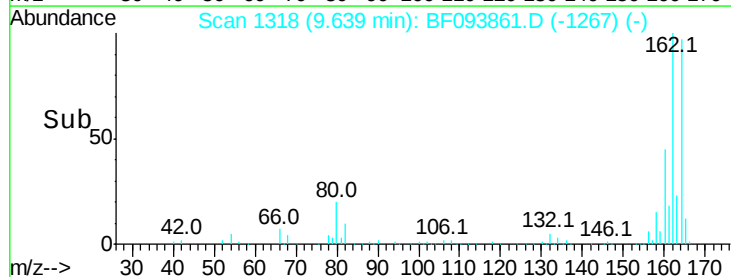
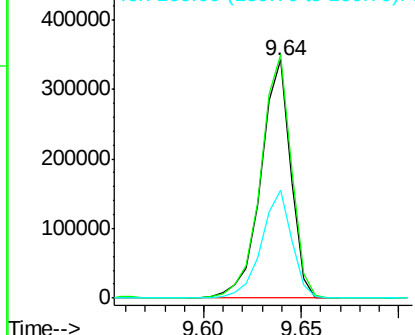
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

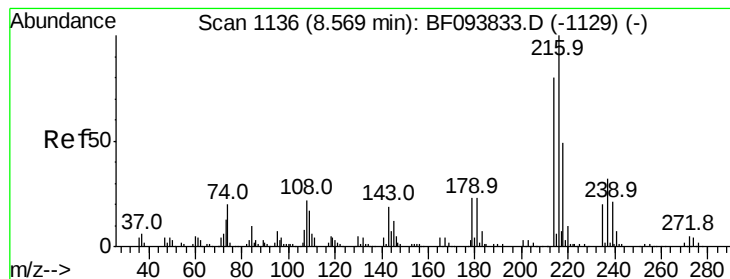
Tgt Ion:164 Resp: 361382

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	45.5	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: 38.47 ng

RT: 8.57 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

Tot Ion:216 Resp: 380331

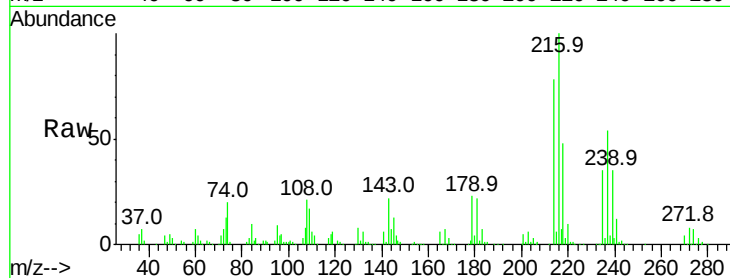
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.2

179 22.4 17.9 26.9

108 22.4 16.5 24.7

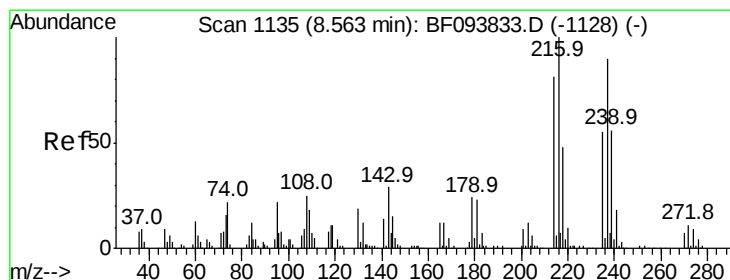
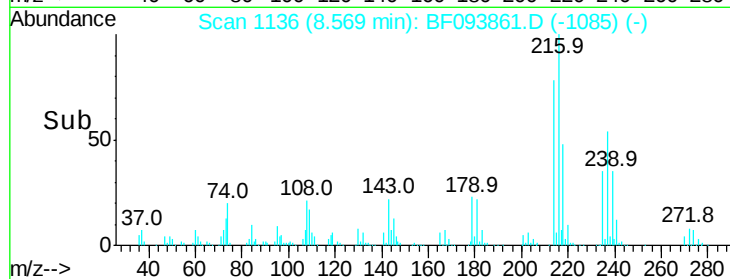
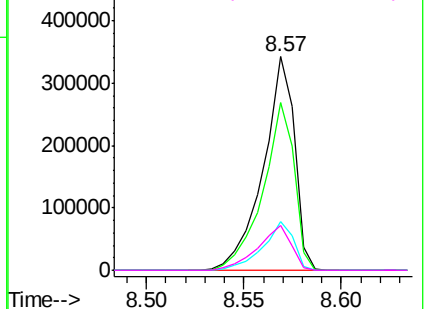


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.70 ng

RT: 8.56 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

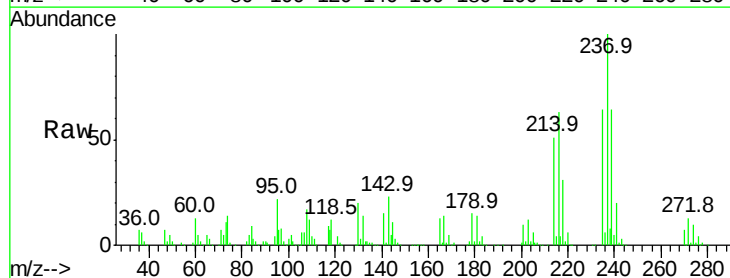
Tgt Ion:237 Resp: 354823

Ion Ratio Lower Upper

237 100

235 63.8 42.6 82.6

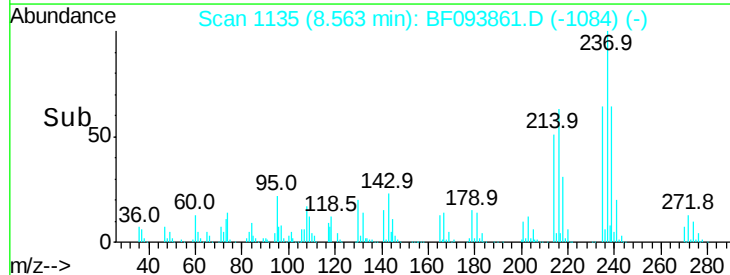
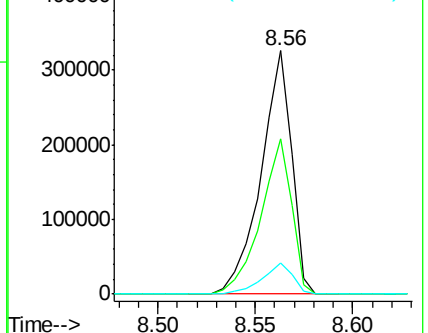
272 13.0 0.0 31.9

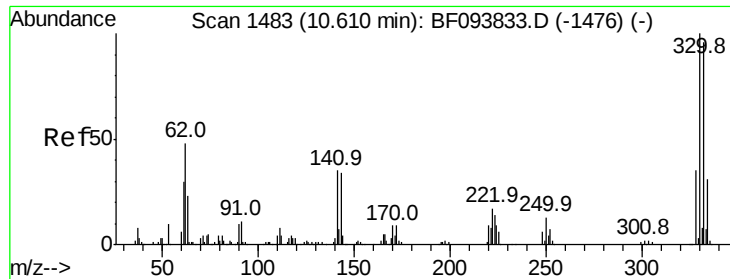


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

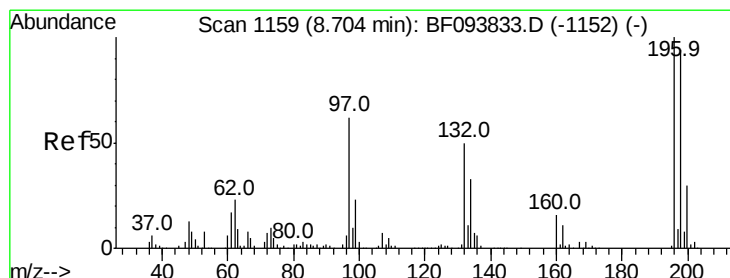
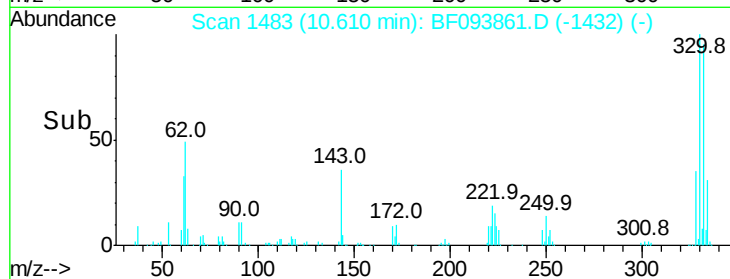
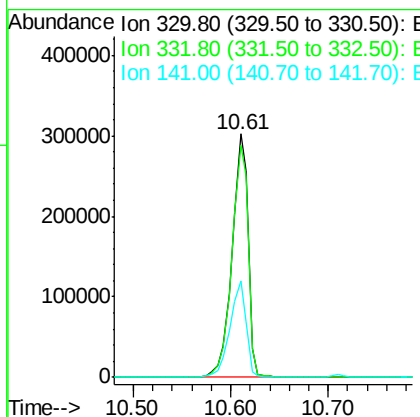
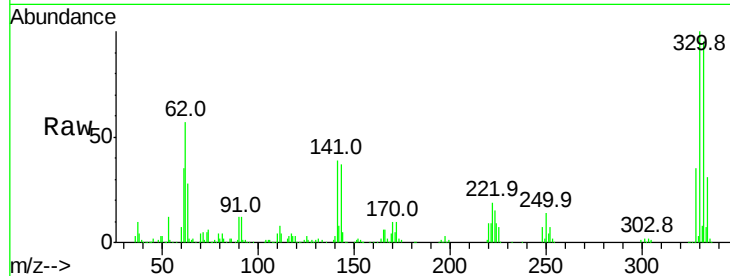




#41
 2,4,6-Tribromophenol
 Concen: 121.02 ng
 RT: 10.61 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

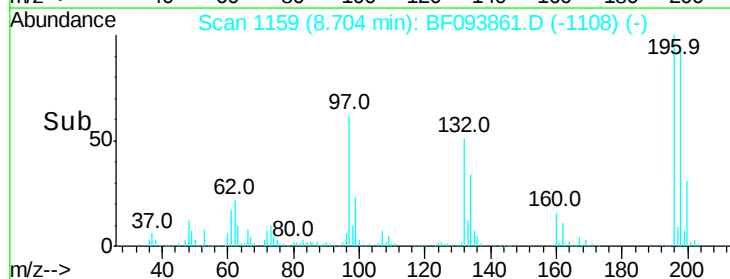
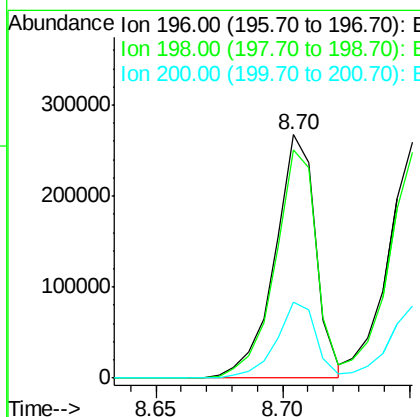
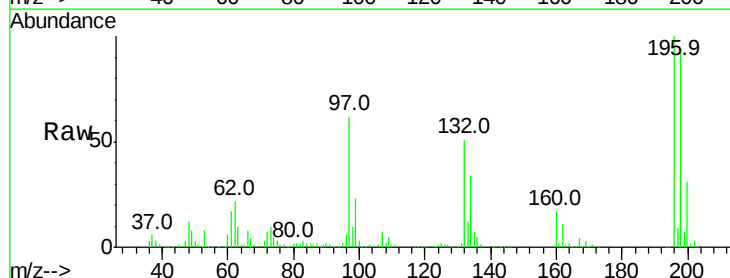
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	40.0	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 42.71 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	74.2	111.4
200	31.0	24.0	36.0

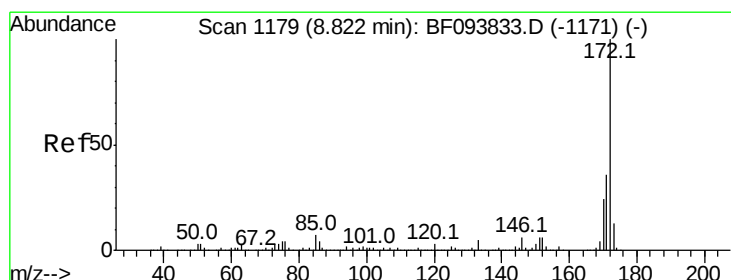
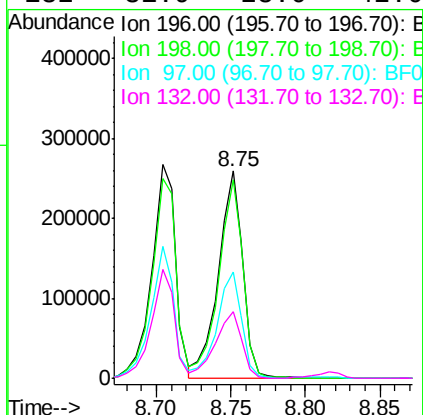
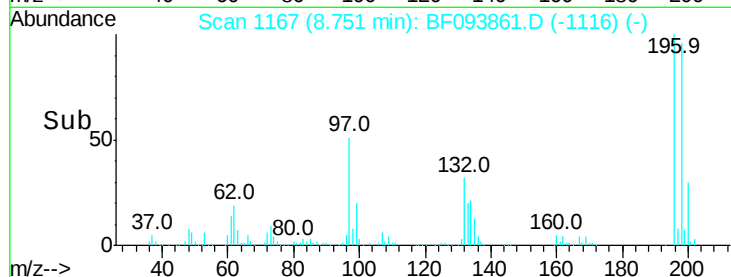
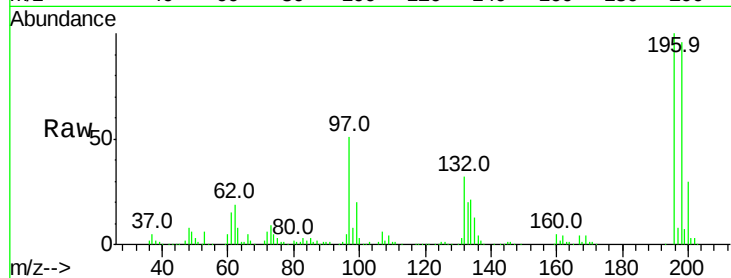




#43
 2,4,5-Trichlorophenol
 Concen: 39.37 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

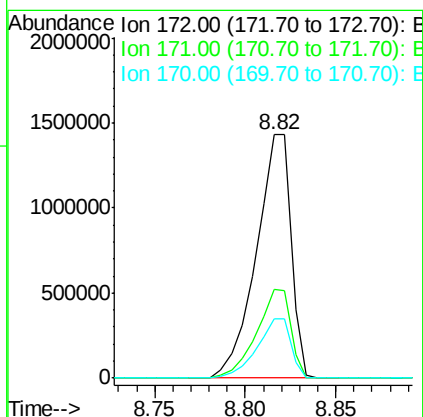
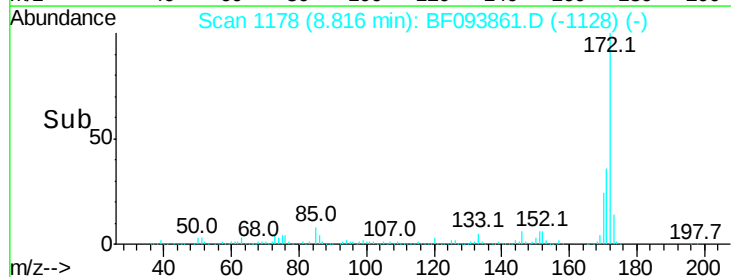
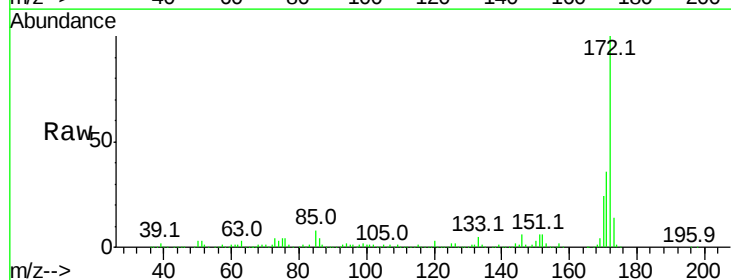
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

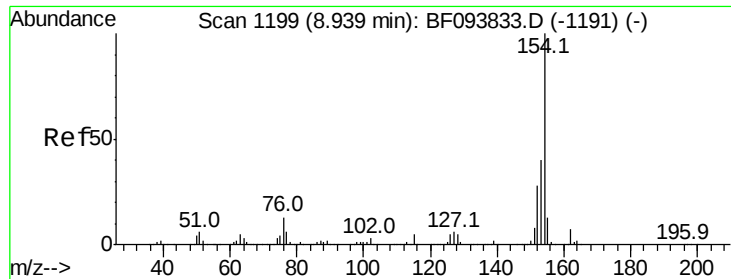
Tot Ion:	196	Resp:	297926
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
97	51.4	47.7	71.5
132	31.9	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 80.52 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion:	172	Resp:	1907875
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	19.8	29.8

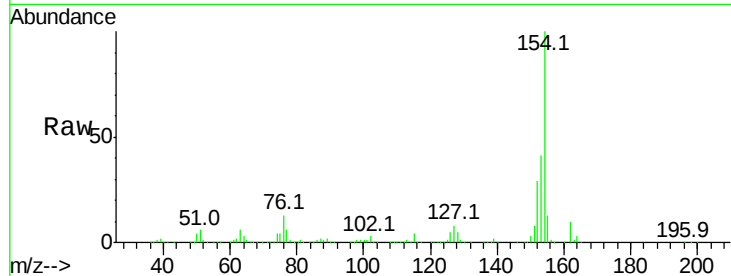




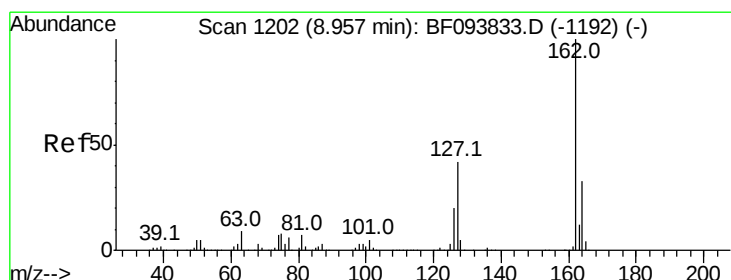
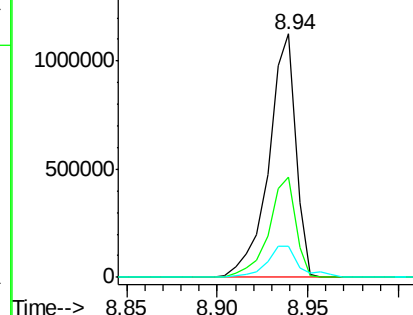
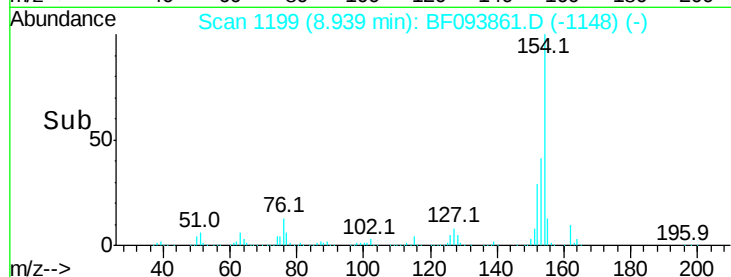
#45
 1,1'-Biphenyl
 Concen: 40.01 ng
 RT: 8.94 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

Tot Ion:154 Resp: 1166291
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.2 61.2
 76 13.0 0.0 29.9

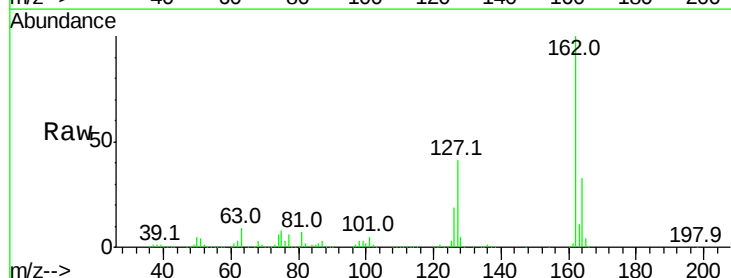


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

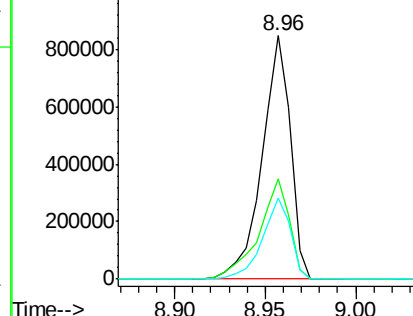
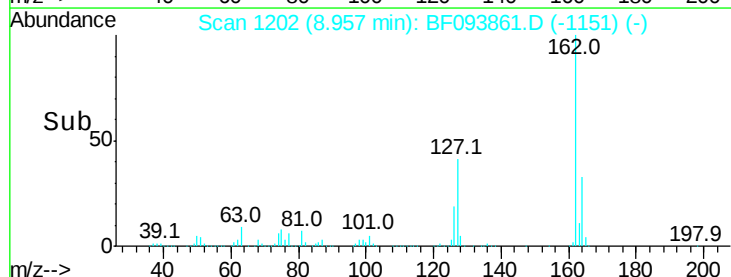


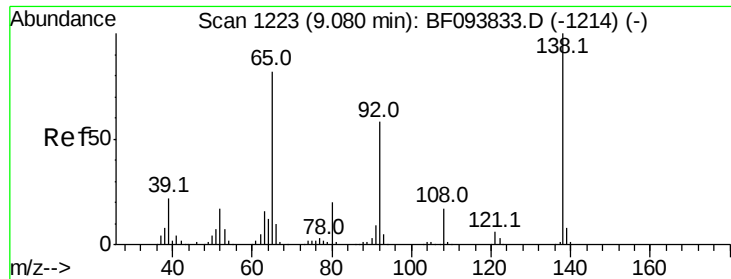
#46
 2-Chloronaphthalene
 Concen: 40.47 ng
 RT: 8.96 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion:162 Resp: 923372
 Ion Ratio Lower Upper
 162 100
 127 41.0 28.3 42.5
 164 33.1 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

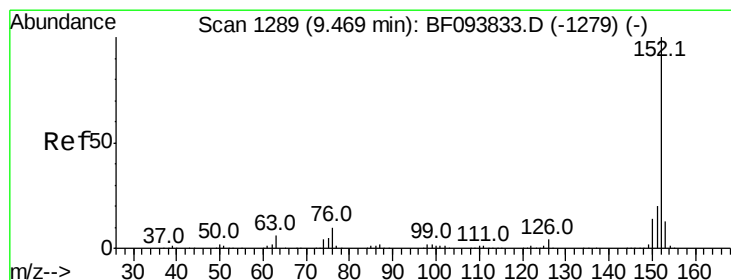
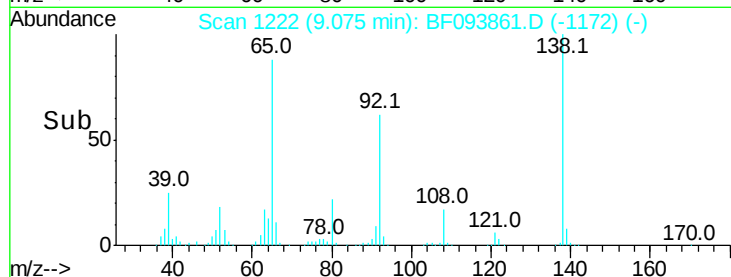
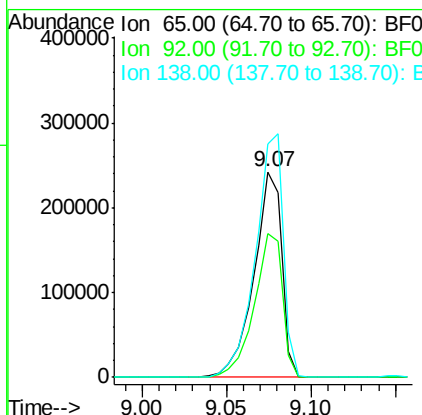
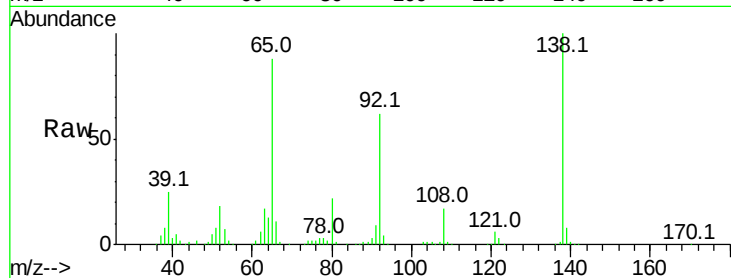




#47
2-Nitroaniline
Concen: 41.09 ng
RT: 9.07 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

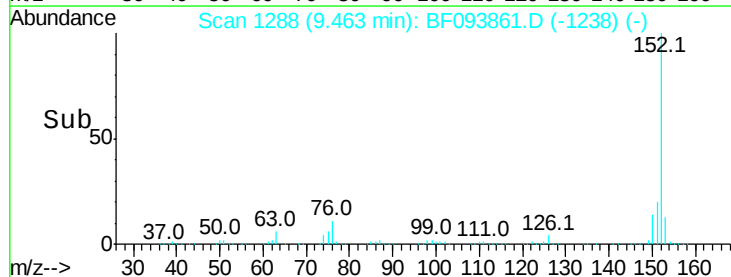
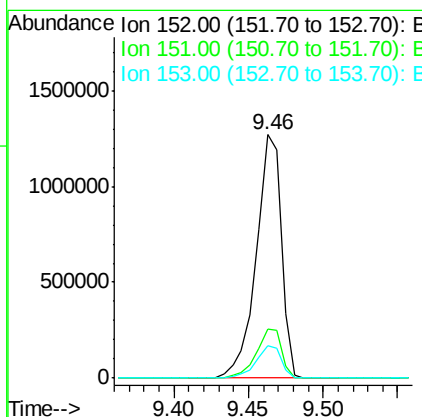
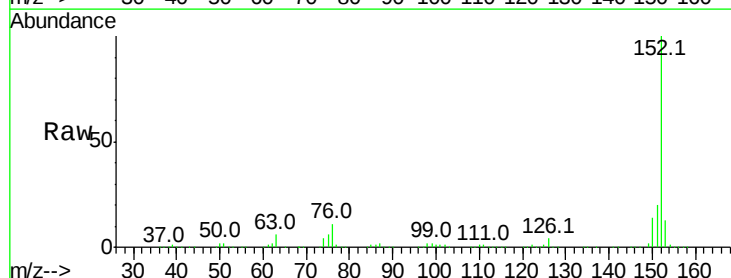
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMS

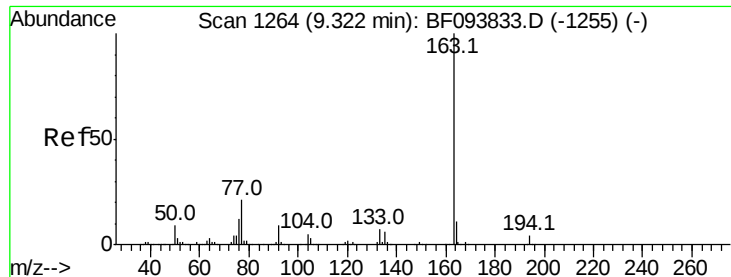
Tot Ion: 65 Resp: 278125
Ion Ratio Lower Upper
65 100
92 70.2 53.9 80.9
138 113.2 78.8 118.2



#48
Acenaphthylene
Concen: 38.85 ng
RT: 9.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Tgt Ion: 152 Resp: 1473119
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.4 10.8 16.2



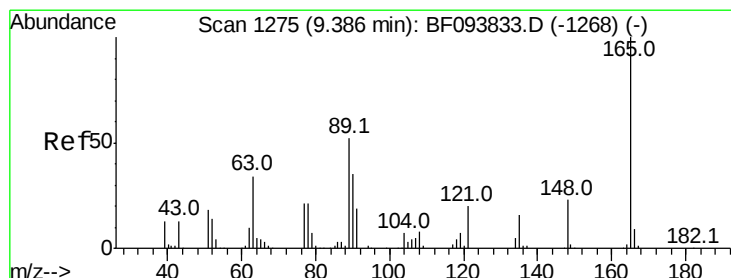
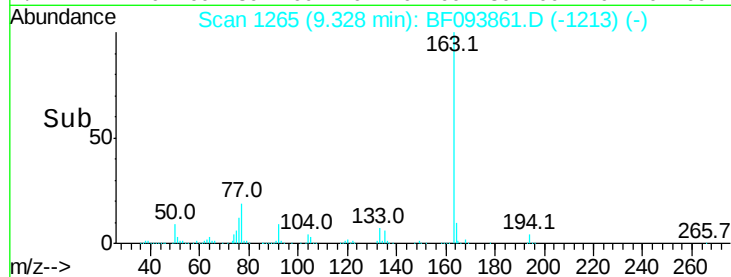
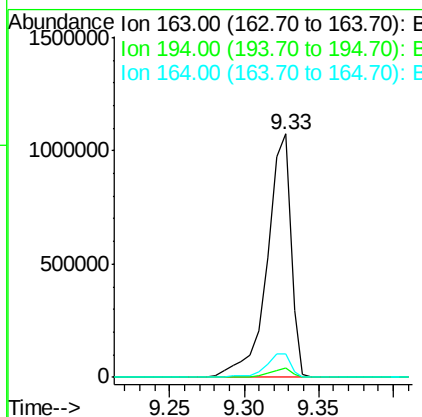
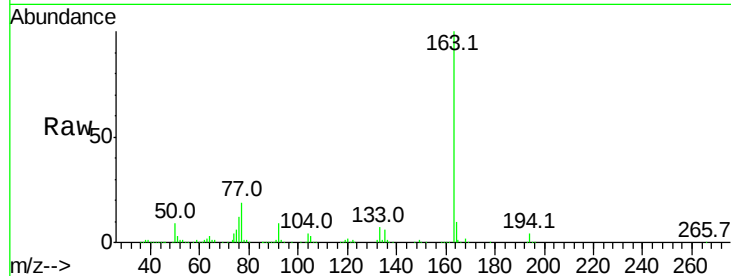


#49
 Dimethylphthalate
 Concen: 46.05 ng
 RT: 9.33 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

Tot Ion:163 Resp: 1182865

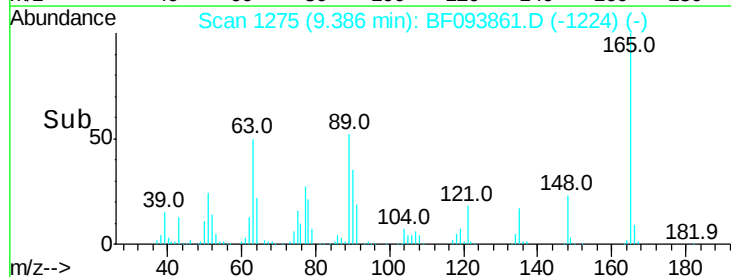
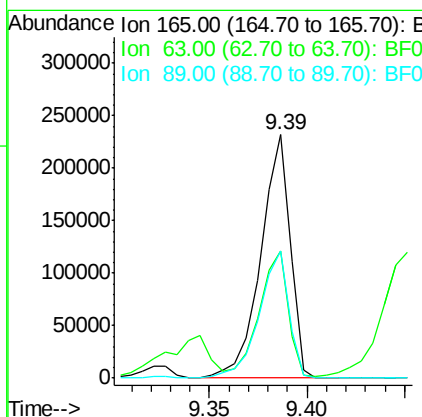
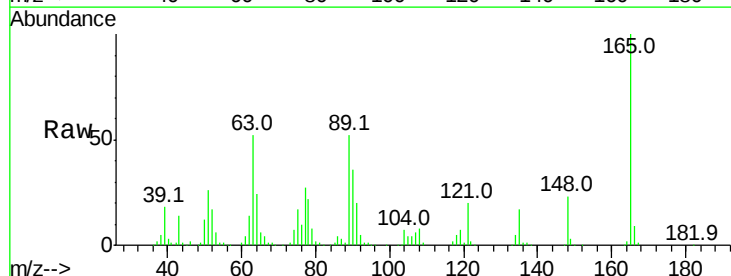
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.8	8.4	12.6

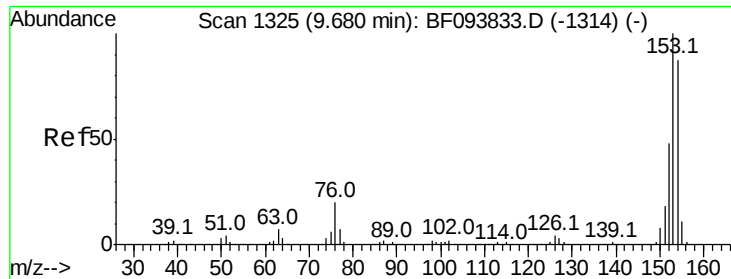


#50
 2,6-Dinitrotoluene
 Concen: 41.09 ng
 RT: 9.39 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion:165 Resp: 241940

Ion	Ratio	Lower	Upper
165	100		
63	52.5	34.3	51.5#
89	52.0	37.1	55.7





#51

Acenaphthene

Concen: 39.23 ng

RT: 9.68 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

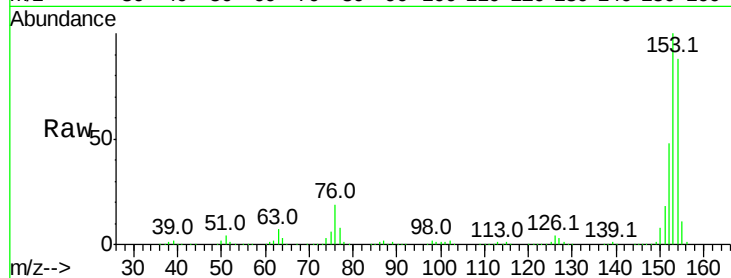
Tot Ion:154 Resp: 868114

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

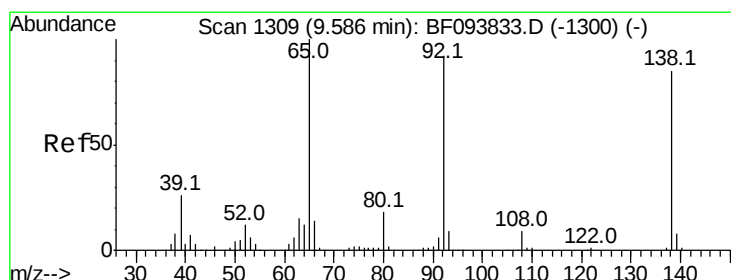
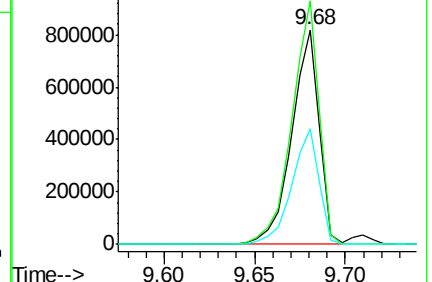
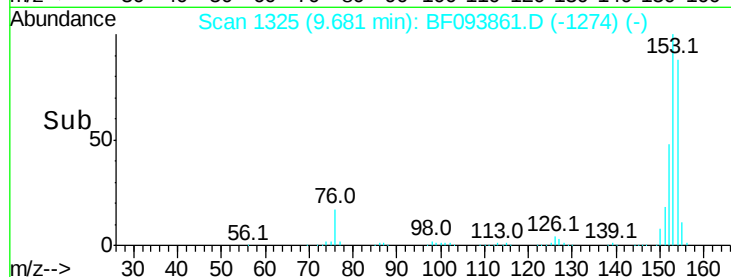
152 54.0 43.6 65.4



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: 29.57 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

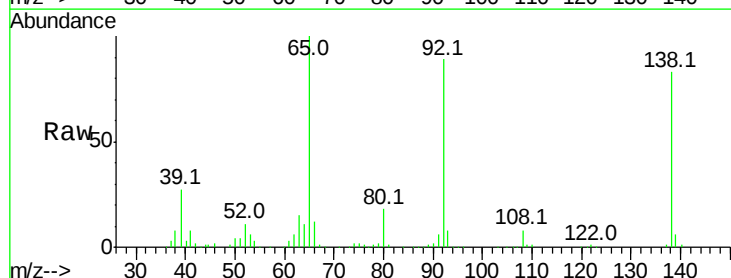
Tgt Ion:138 Resp: 204455

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

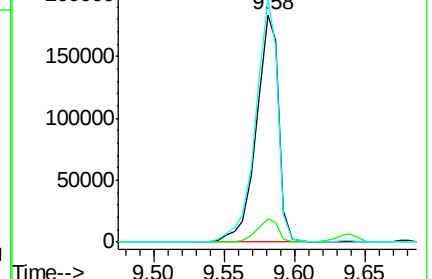
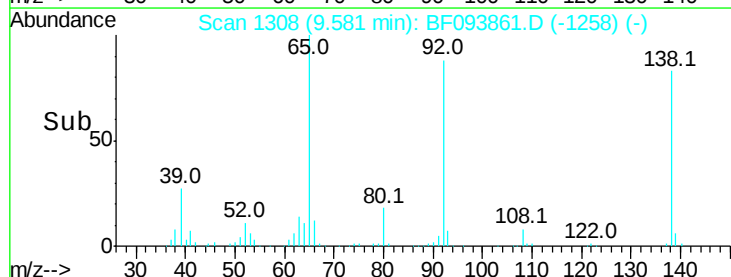
92 107.2 93.8 140.6

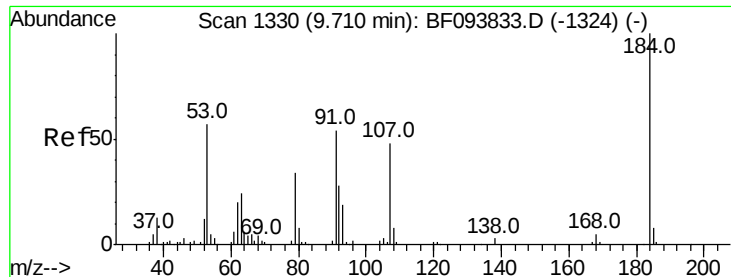


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

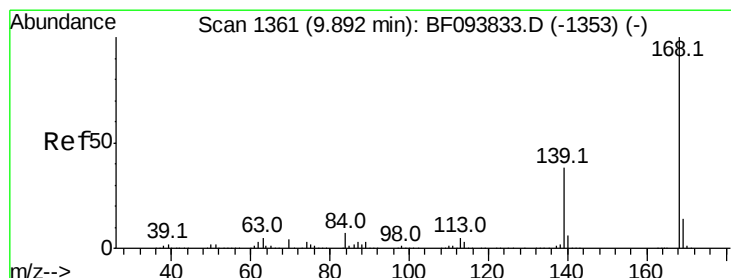
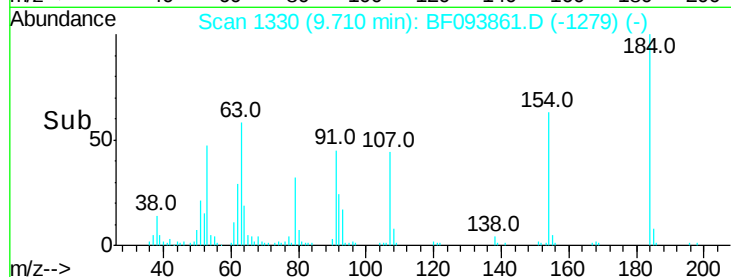
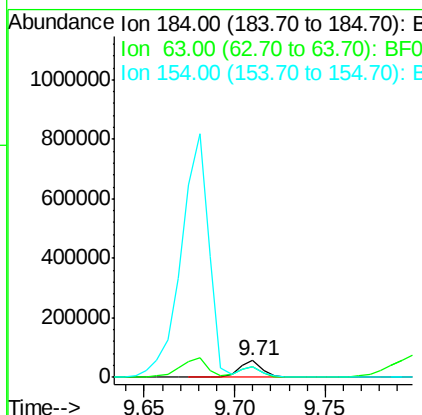
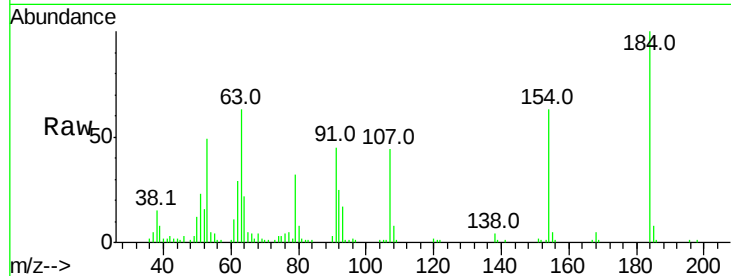




#53
 2,4-Dinitrophenol
 Concen: 19.62 ng
 RT: 9.71 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

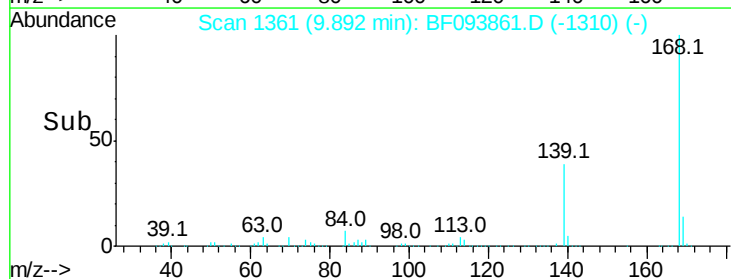
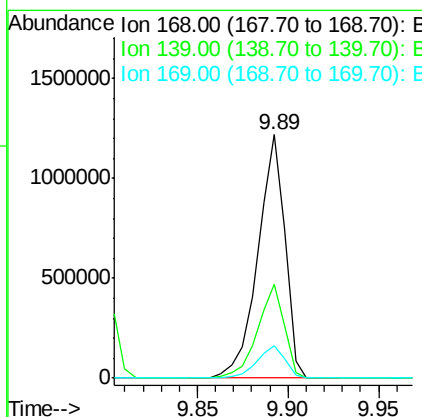
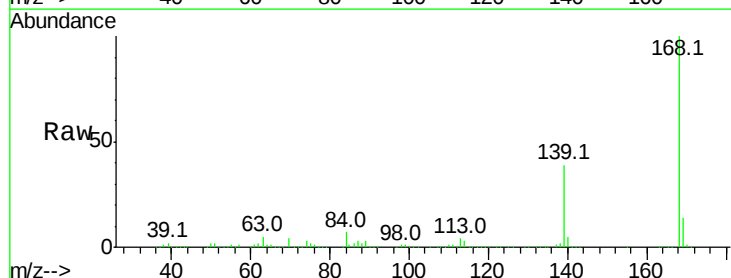
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

Tot Ion:184 Resp: 50060
 Ion Ratio Lower Upper
 184 100
 63 63.2 62.7 94.1
 154 62.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.20 ng
 RT: 9.89 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion:168 Resp: 1271102
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.6 45.8
 169 13.6 10.8 16.2

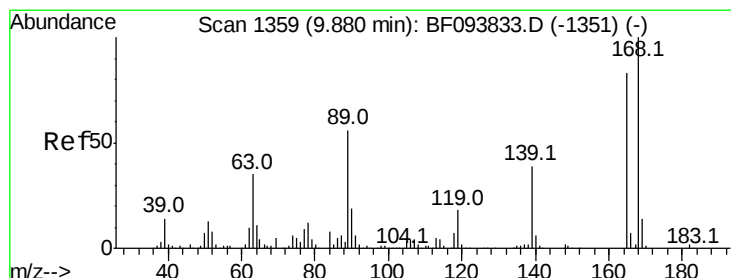
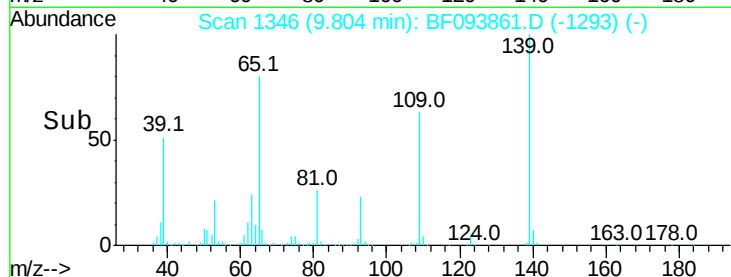
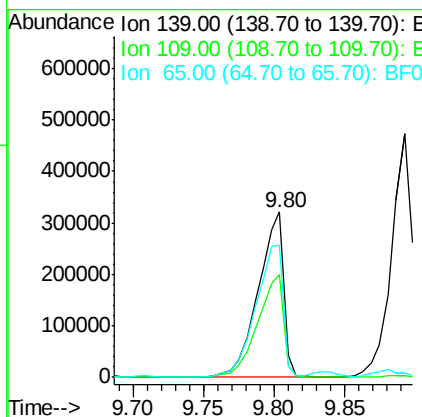
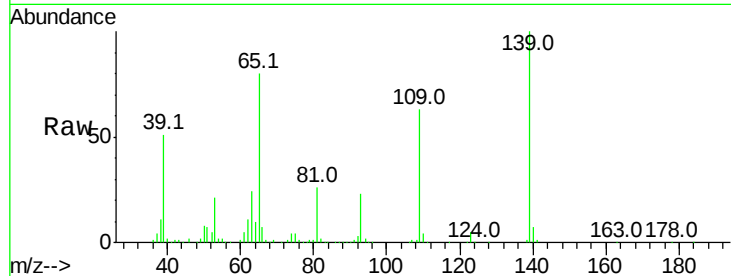




#55
4-Nitrophenol
Concen: 75.78 ng
RT: 9.80 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

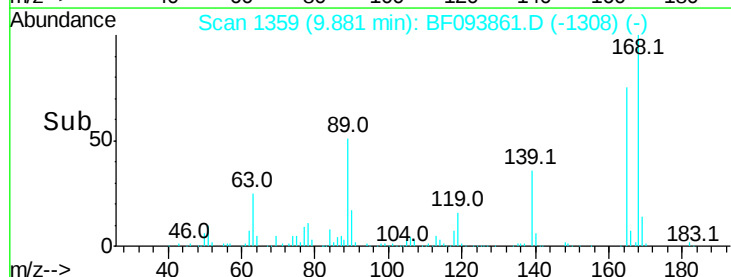
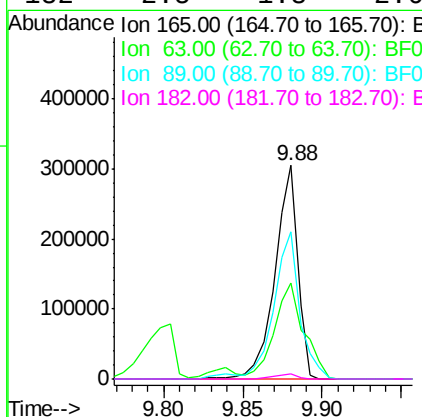
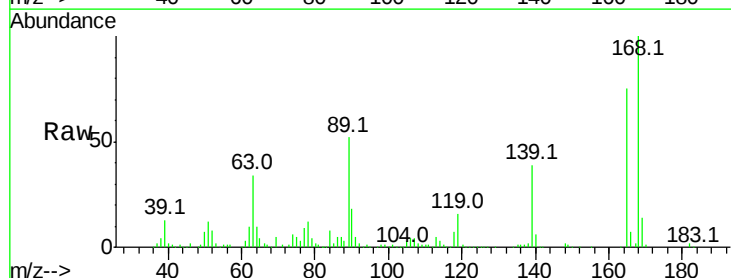
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMS

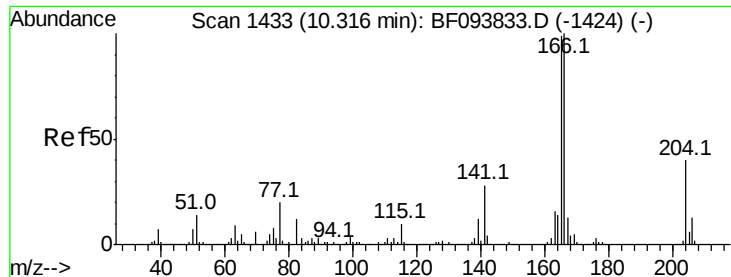
Tot Ion:139 Resp: 410390
Ion Ratio Lower Upper
139 100
109 62.6 34.1 74.1
65 80.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.42 ng
RT: 9.88 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Tgt Ion:165 Resp: 306385
Ion Ratio Lower Upper
165 100
63 44.9 25.4 38.0#
89 68.9 46.4 69.6
182 2.5 1.8 2.6

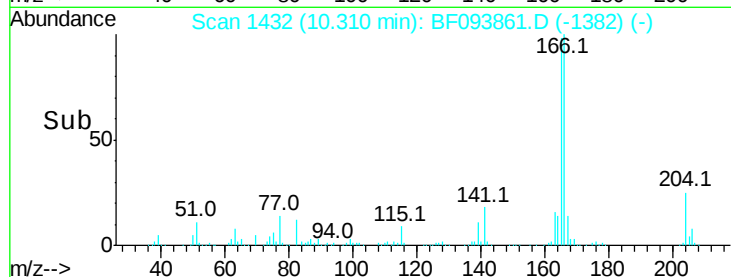
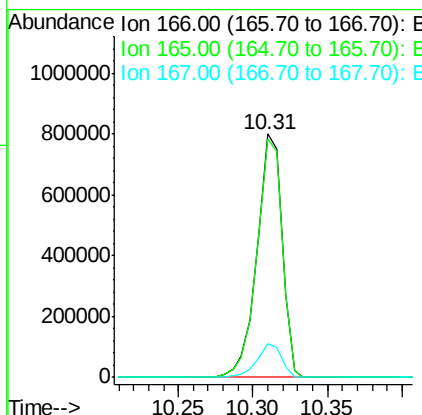
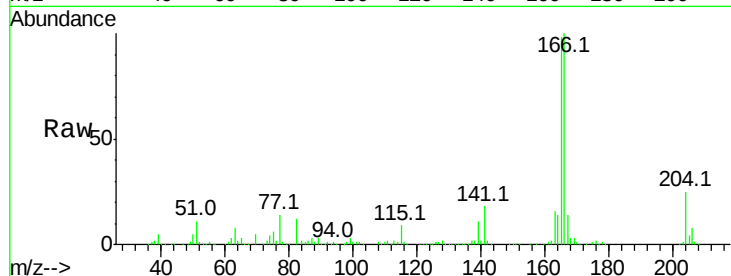




#57
Fluorene
 Concen: 36.89 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

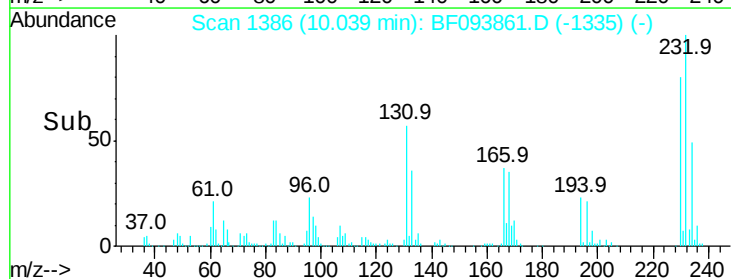
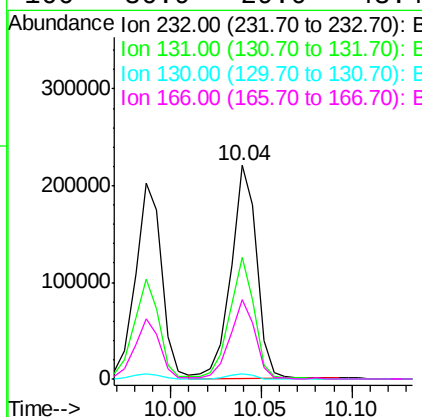
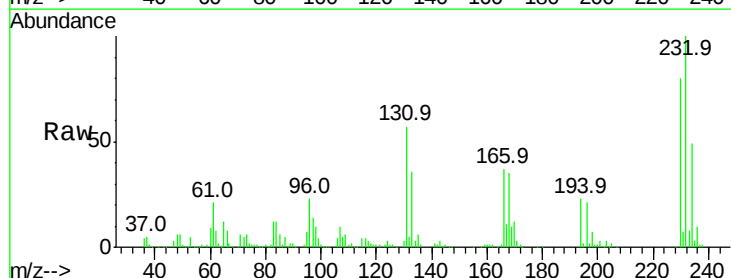
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

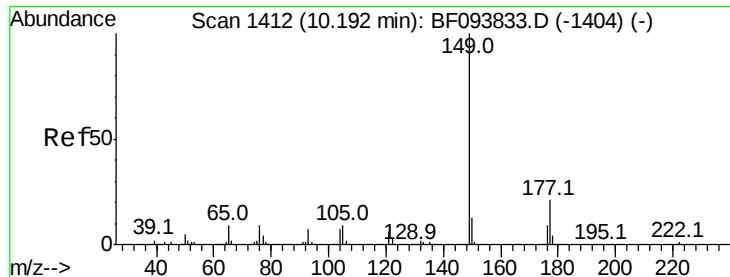
Tot Ion:166 Resp: 921536
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.8 118.2
 167 13.8 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.09 ng
 RT: 10.04 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion:232 Resp: 218559
 Ion Ratio Lower Upper
 232 100
 131 56.0 44.8 67.2
 130 2.6 2.3 3.5
 166 36.9 29.0 43.4

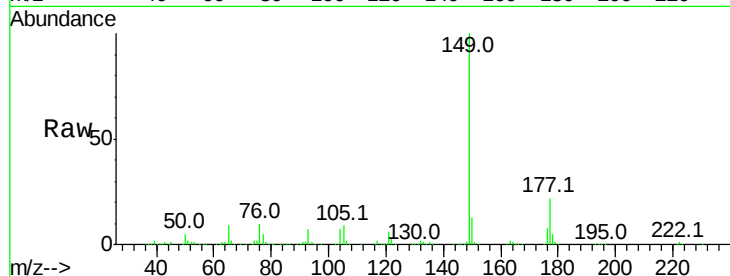




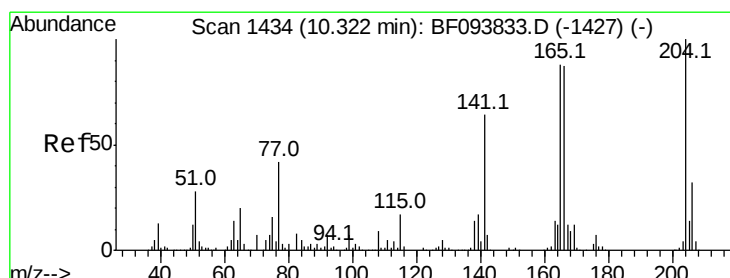
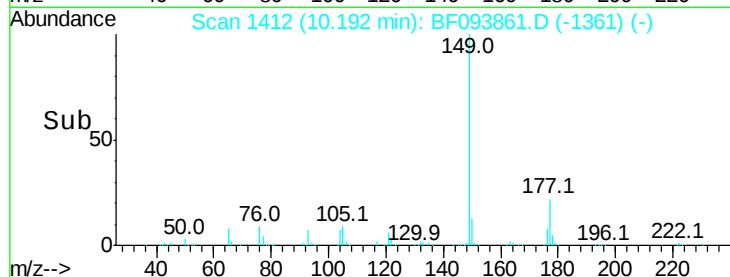
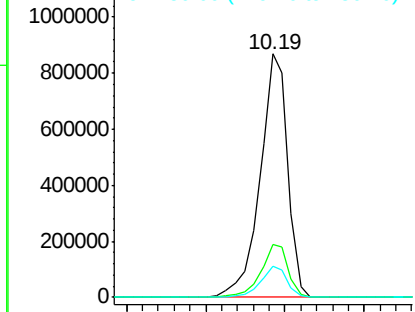
#59
Diethylphthalate
Concen: 41.34 ng
RT: 10.19 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMS

Tot Ion:149 Resp: 1049557
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.6 10.2 15.2

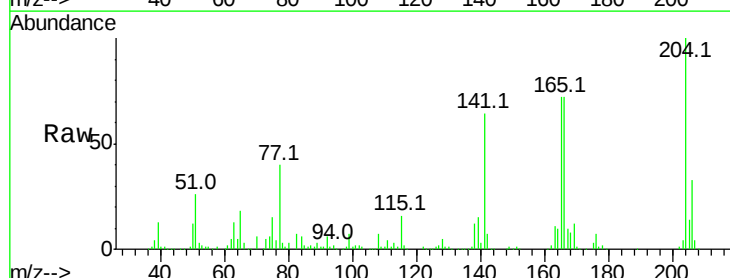


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

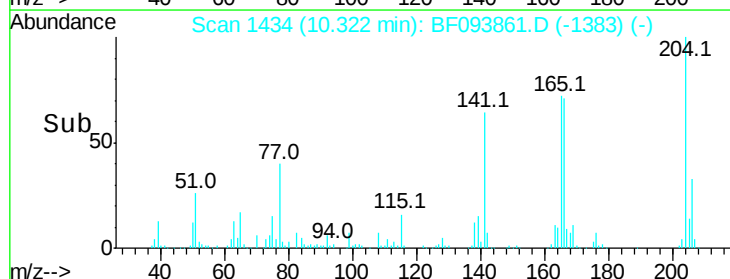
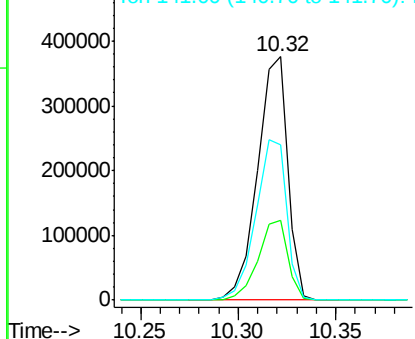


#60
4-Chlorophenyl-phenylether
Concen: 37.91 ng
RT: 10.32 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Tgt Ion:204 Resp: 403465
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 63.8 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

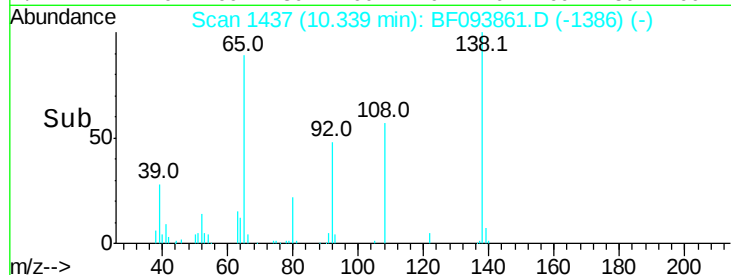
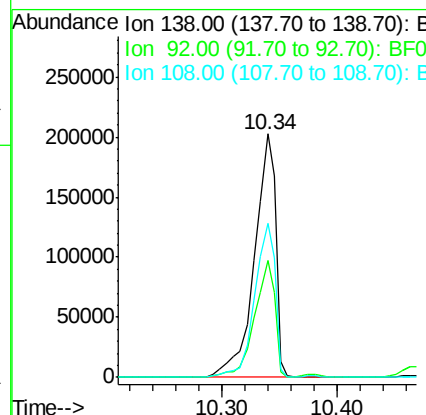
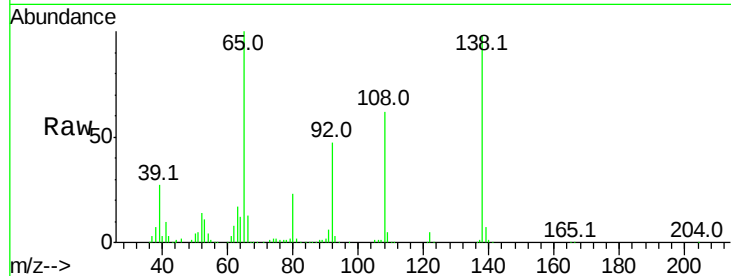




#61
4-Nitroaniline
Concen: 39.10 ng
RT: 10.34 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

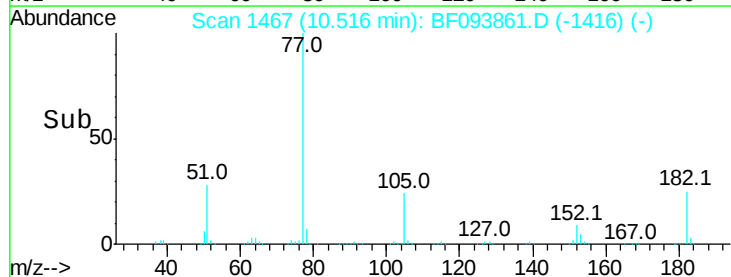
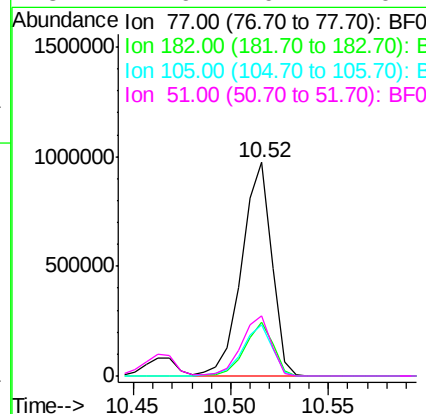
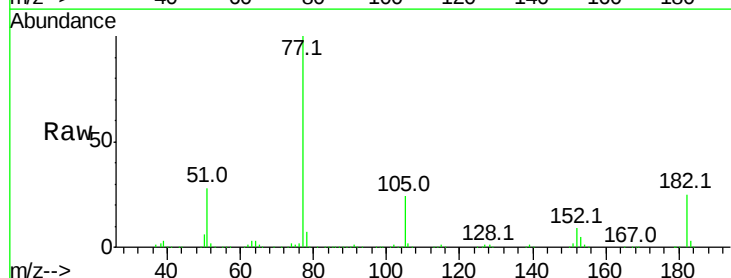
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMS

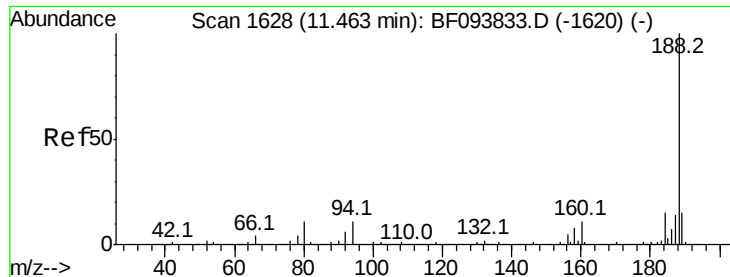
Tot Ion:138 Resp: 259482
Ion Ratio Lower Upper
138 100
92 48.1 21.8 61.8
108 63.1 42.3 82.3



#62
Azobenzene
Concen: 43.16 ng
RT: 10.52 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Tgt Ion: 77 Resp: 1036658
Ion Ratio Lower Upper
77 100
182 24.9 0.1 40.1
105 24.1 3.6 43.6
51 27.9 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: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

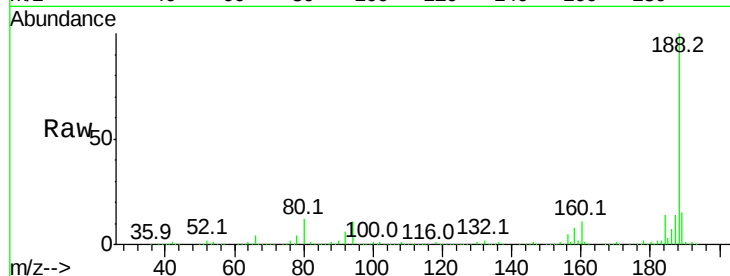
Tot Ion:188 Resp: 609765

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

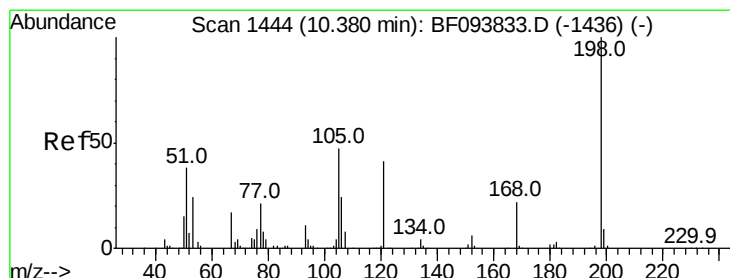
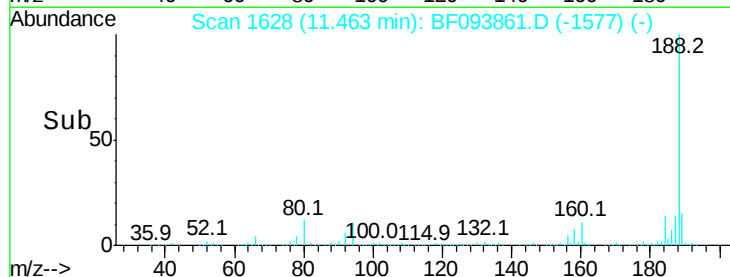
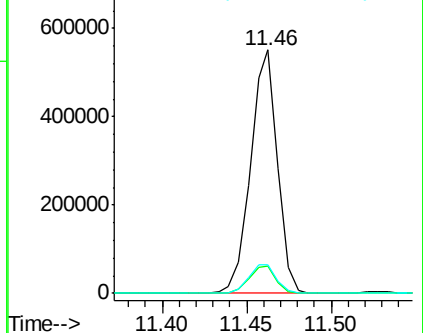
80 11.9 10.2 15.2



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: 29.70 ng

RT: 10.38 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

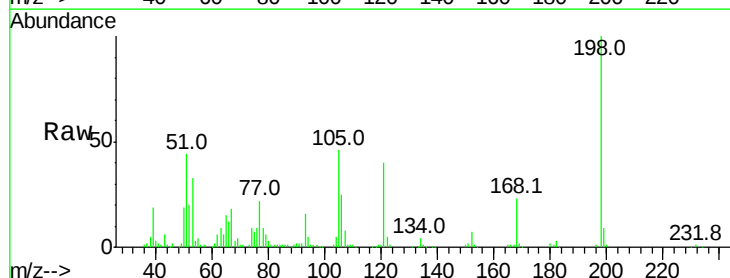
Tgt Ion:198 Resp: 110894

Ion Ratio Lower Upper

198 100

51 44.4 53.2 93.2#

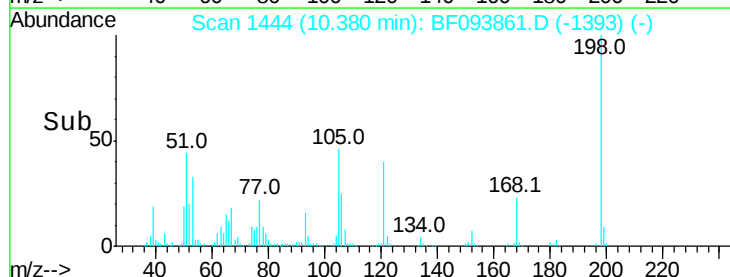
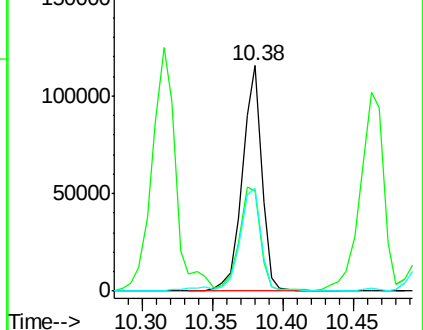
105 45.8 45.8 85.8

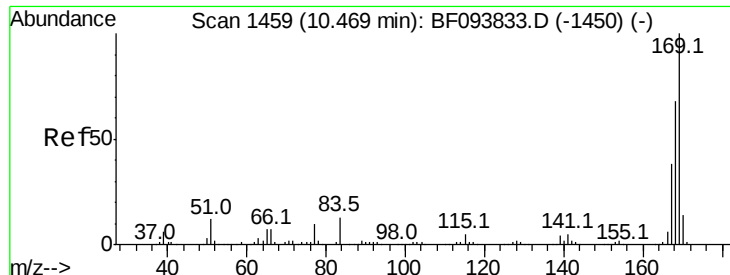


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

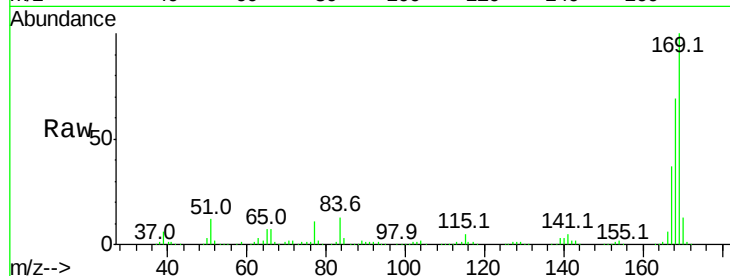




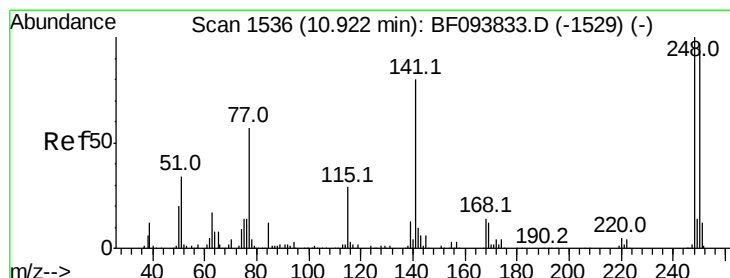
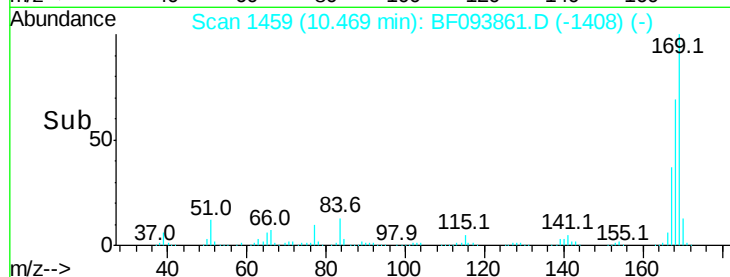
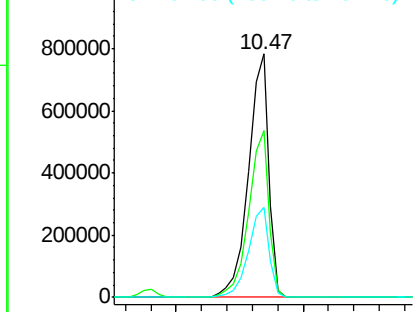
#65
 n-Nitrosodiphenylamine
 Concen: 41.36 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

Tot Ion:169 Resp: 872211
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.2 79.8
 167 37.1 29.5 44.3

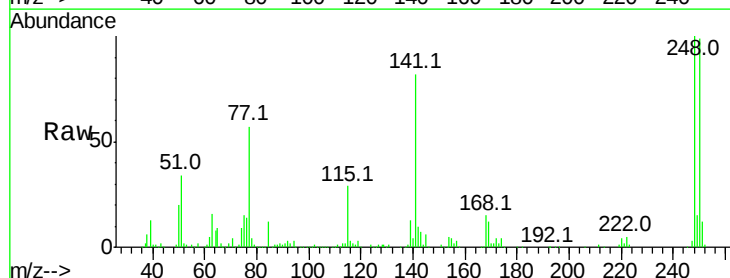


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

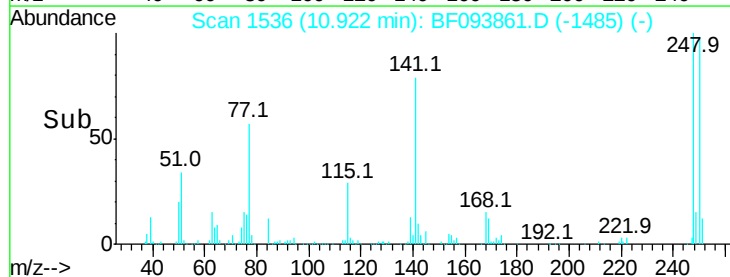
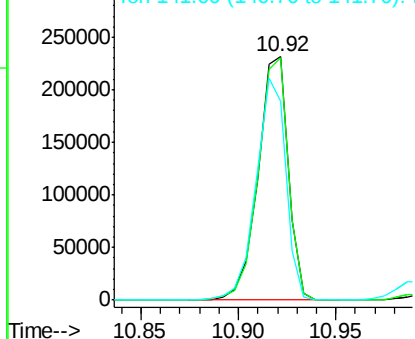


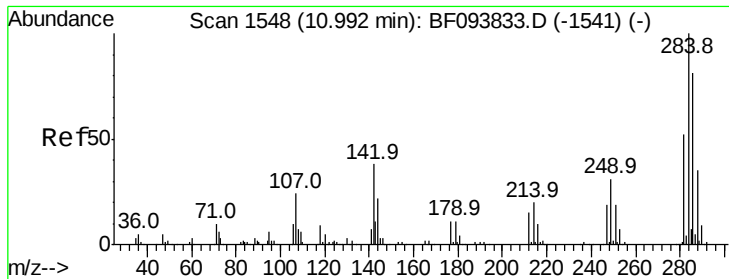
#66
 4-Bromophenyl-phenylether
 Concen: 41.36 ng
 RT: 10.92 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion:248 Resp: 248025
 Ion Ratio Lower Upper
 248 100
 250 99.4 76.8 115.2
 141 81.8 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: 41.49 ng

RT: 10.99 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

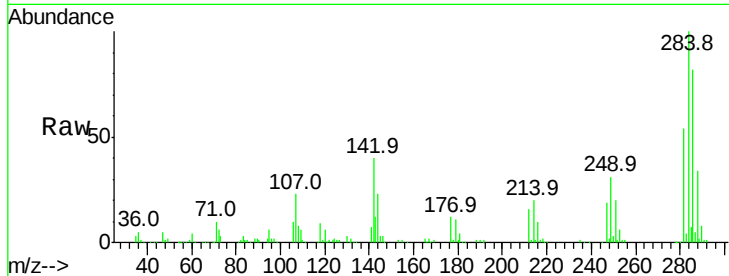
Tot Ion:284 Resp: 251861

Ion Ratio Lower Upper

284 100

142 39.7 22.8 34.2#

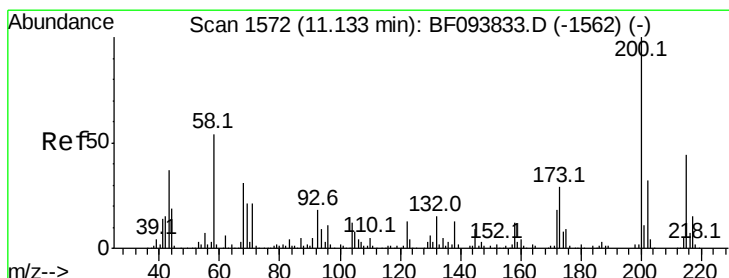
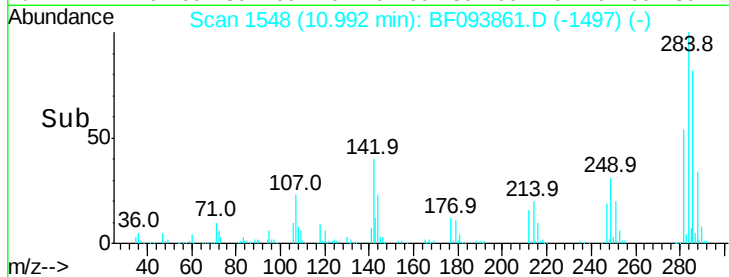
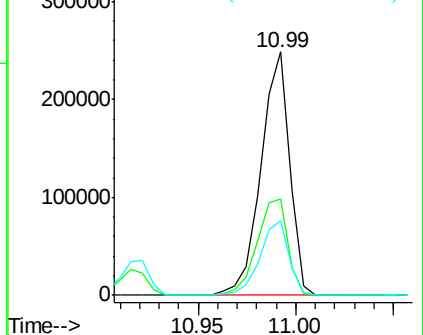
249 30.9 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.33 ng

RT: 11.13 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

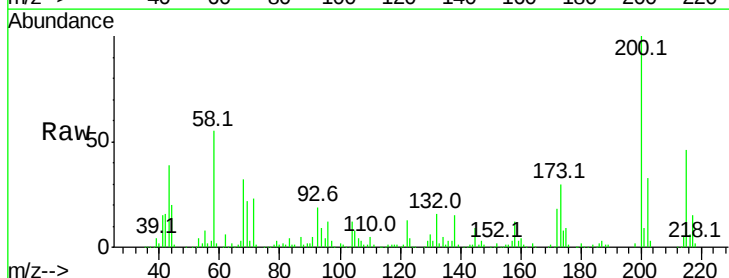
Tgt Ion:200 Resp: 261037

Ion Ratio Lower Upper

200 100

173 30.0 6.3 46.3

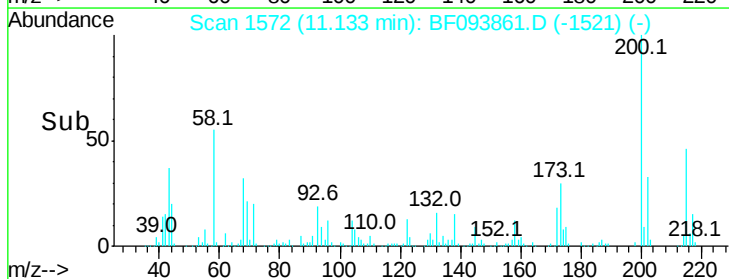
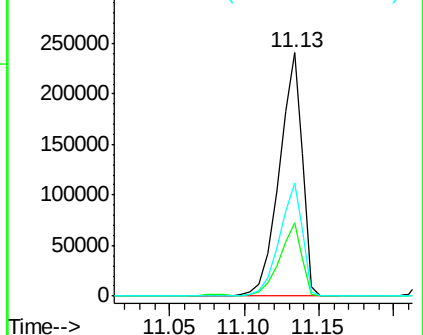
215 46.5 27.2 67.2

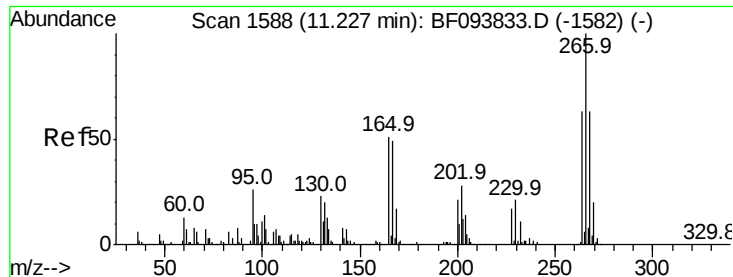


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

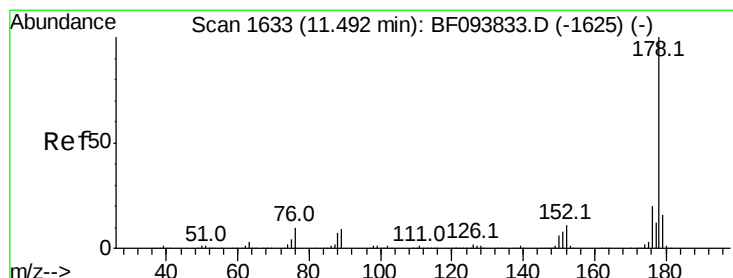
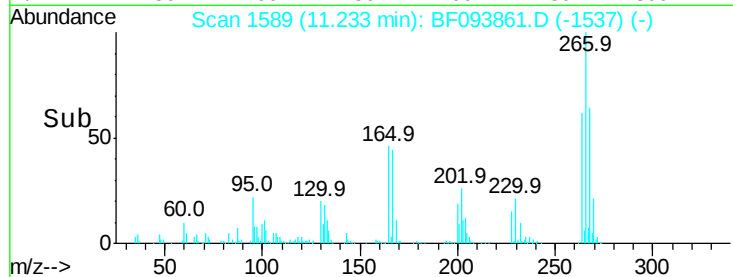
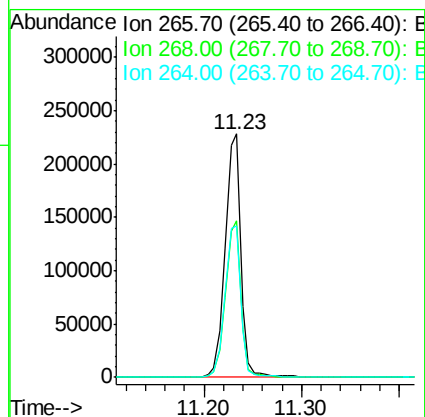
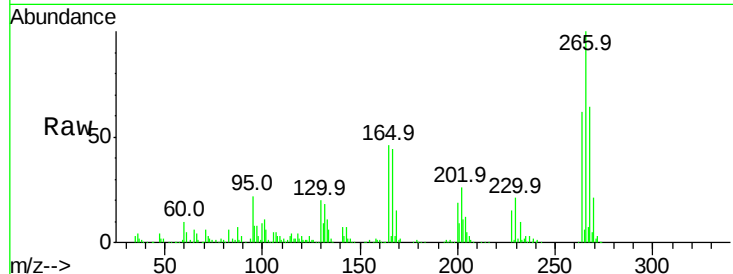




#69
 Pentachlorophenol
 Concen: 67.64 ng
 RT: 11.23 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

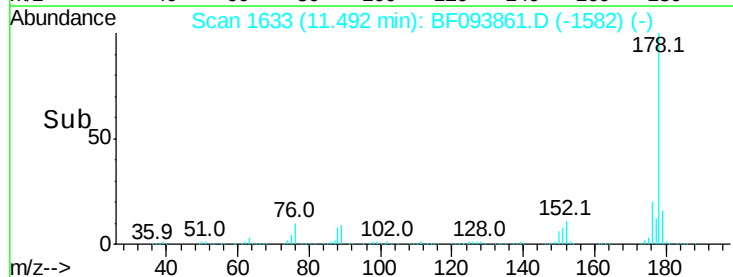
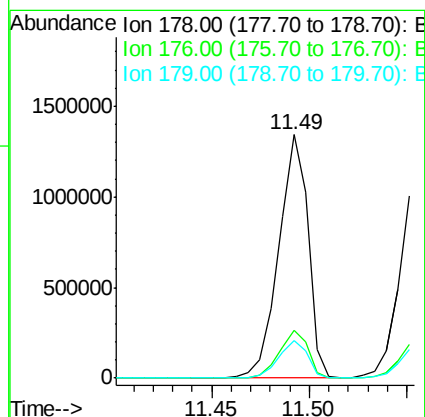
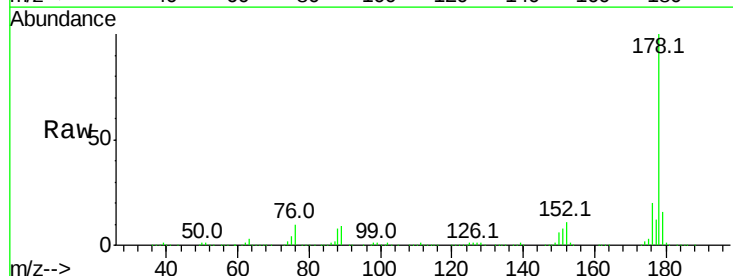
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

Tot Ion:266 Resp: 255582
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 62.2 51.7 77.5



#70
 Phenanthrene
 Concen: 41.17 ng
 RT: 11.49 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion:178 Resp: 1396502
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.6 12.6 19.0

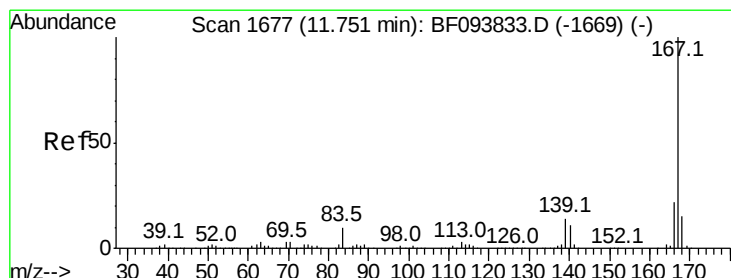
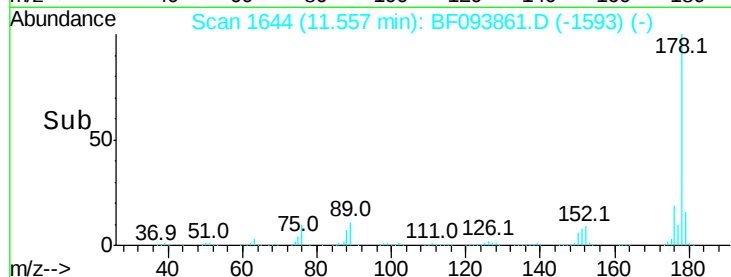
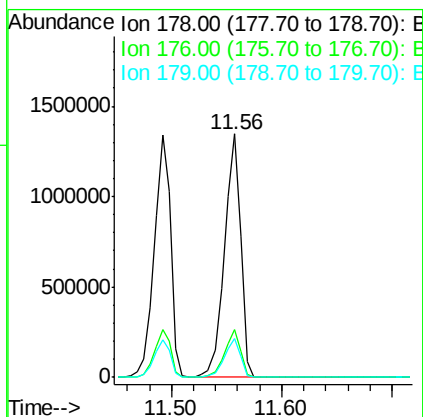
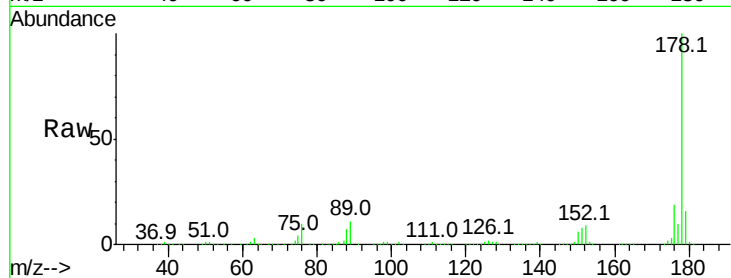




#71
 Anthracene
 Concen: 39.82 ng
 RT: 11.56 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

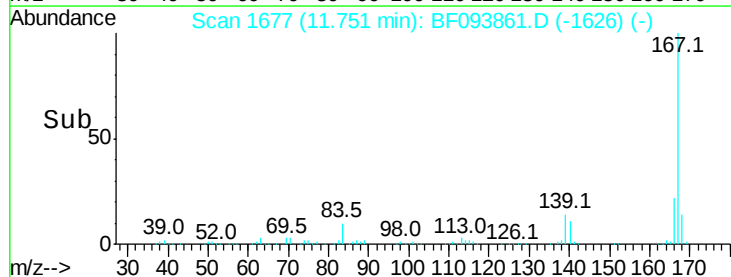
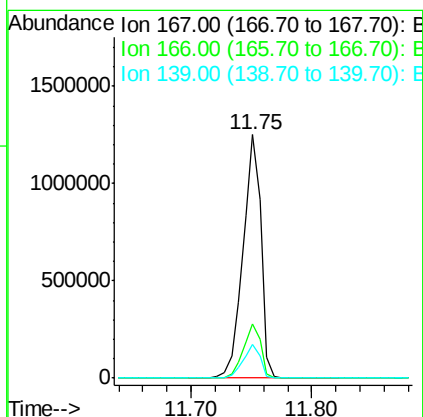
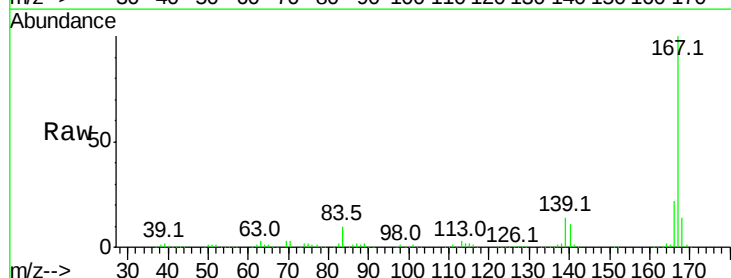
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

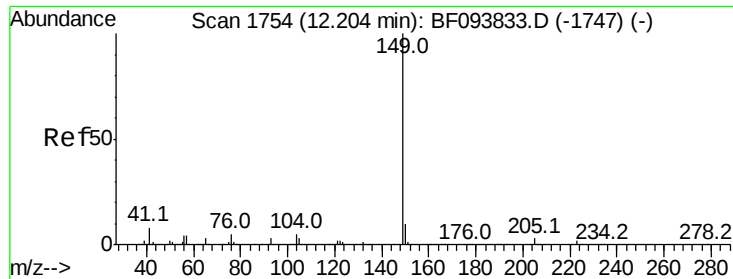
Tot Ion:178 Resp: 1390744
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 36.22 ng
 RT: 11.75 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion:167 Resp: 1297149
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.91 ng

RT: 12.20 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

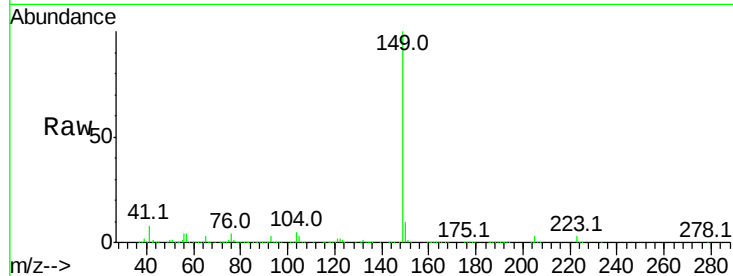
Tot Ion:149 Resp: 1598137

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

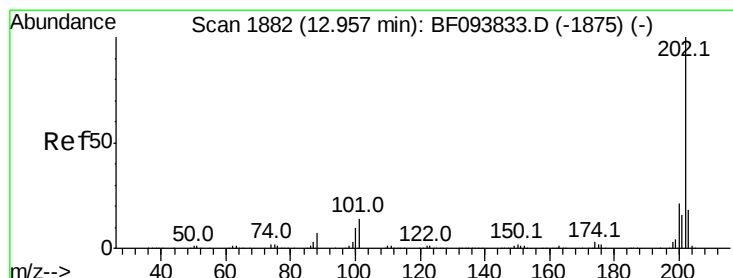
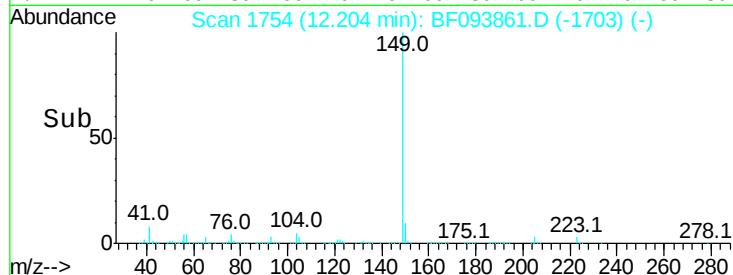
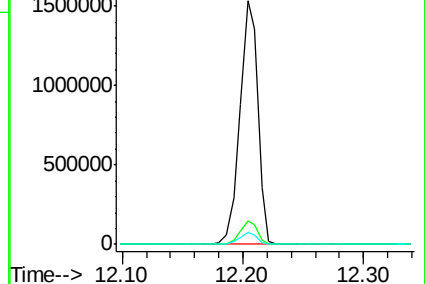
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.80 ng

RT: 12.96 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

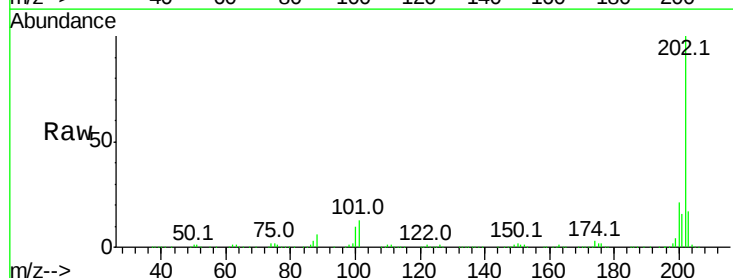
Tgt Ion:202 Resp: 1417094

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

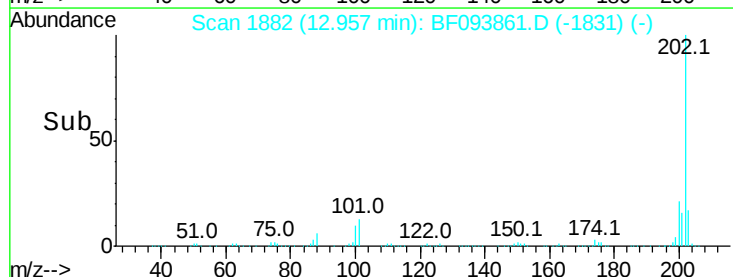
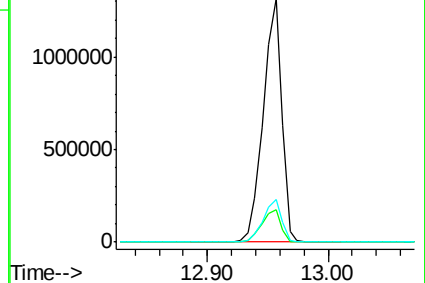
203 17.3 0.0 38.1

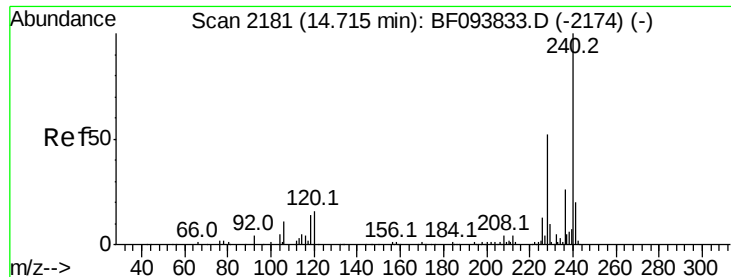


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

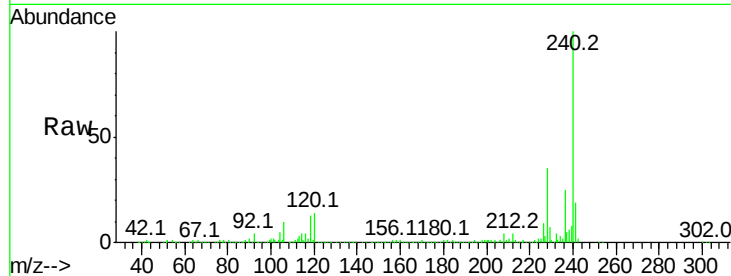
Tot Ion:240 Resp: 436902

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

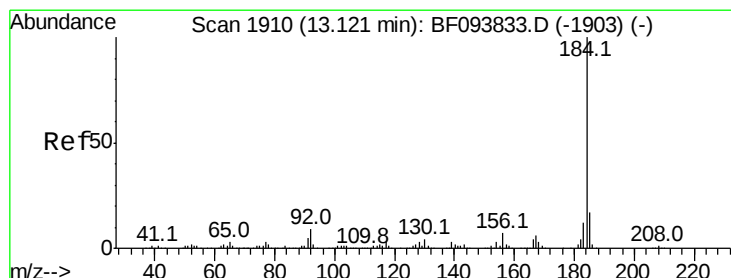
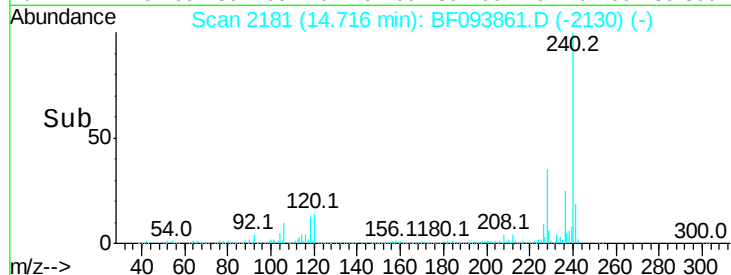
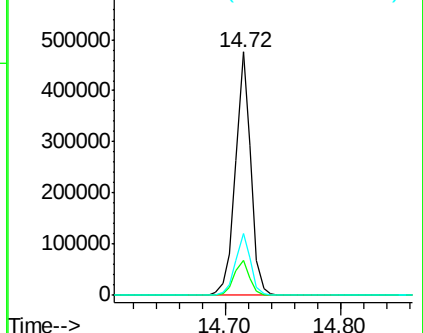
236 25.3 20.5 30.7



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: 24.86 ng

RT: 13.12 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

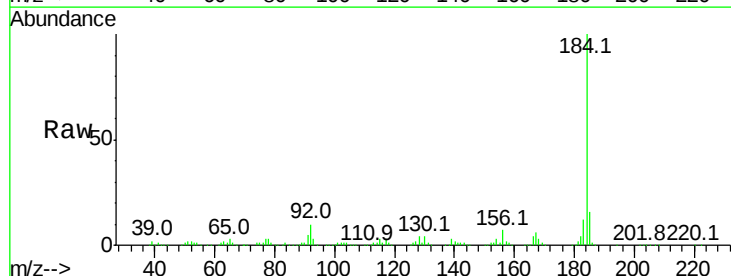
Tgt Ion:184 Resp: 429842

Ion Ratio Lower Upper

184 100

185 15.8 15.5 23.3

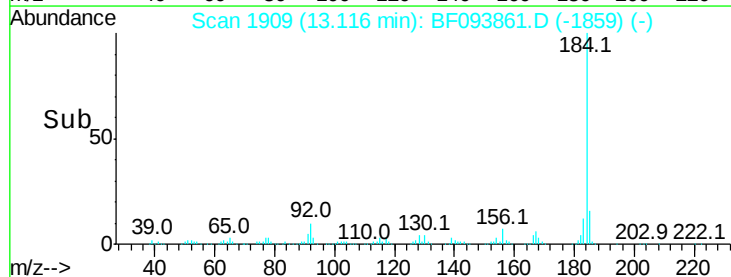
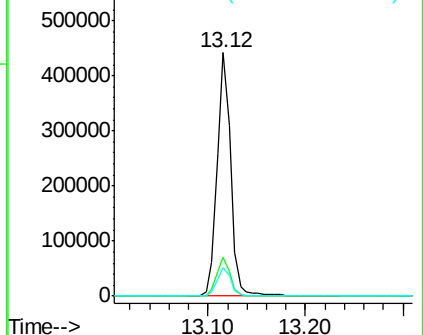
183 11.8 9.8 14.6

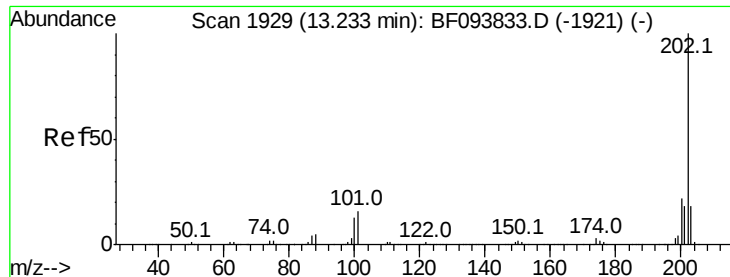


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

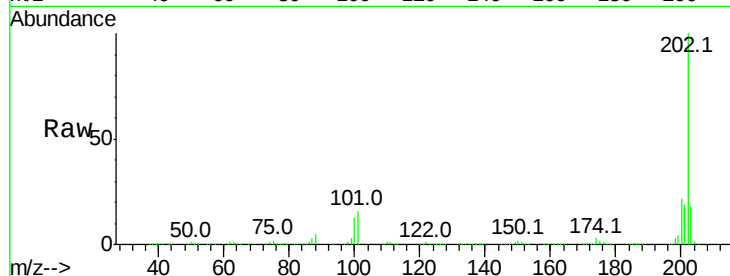




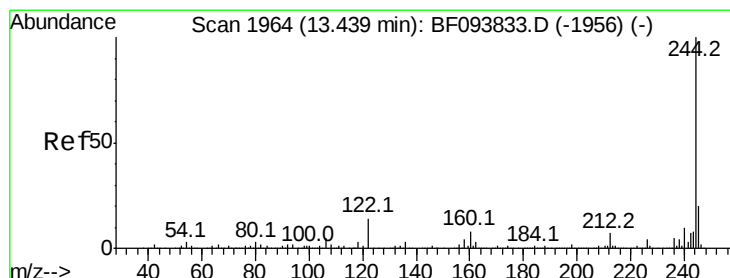
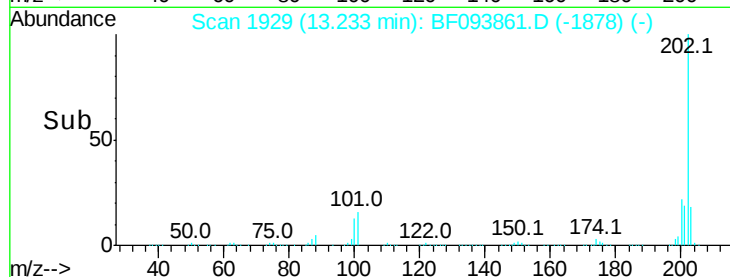
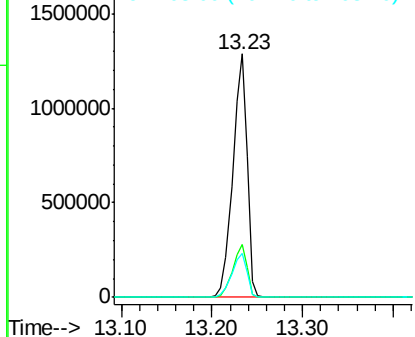
#77
Pvrene
Concen: 44.97 ng
RT: 13.23 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMS

Tot Ion:202 Resp: 1425734
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.8 14.4 21.6

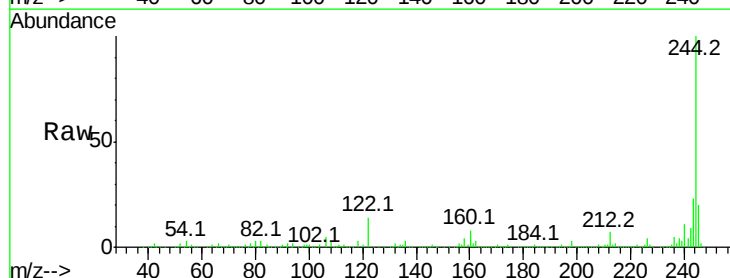


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

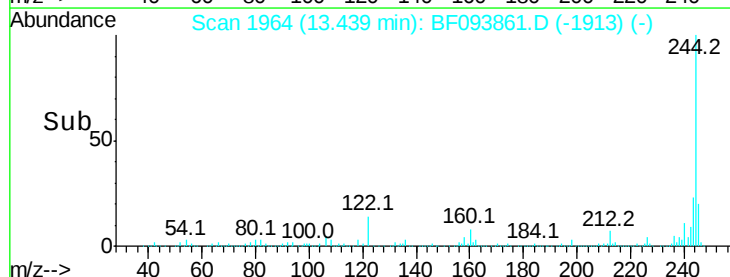
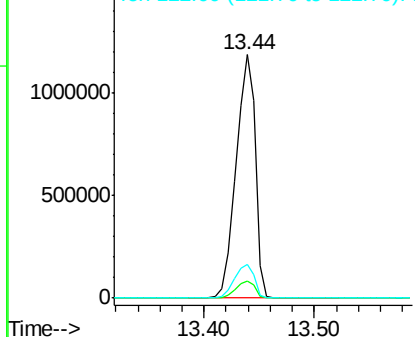


#78
Terphenyl-d14
Concen: 74.51 ng
RT: 13.44 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Tgt Ion:244 Resp: 1452353
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.0 10.3 15.5



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

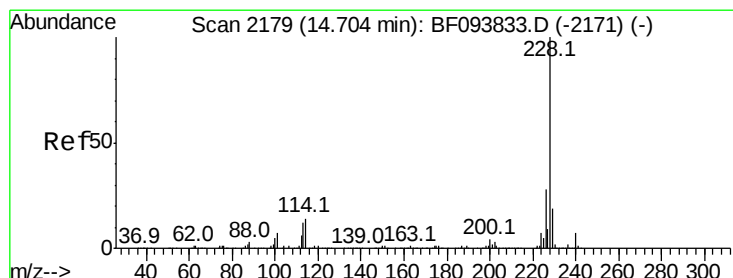
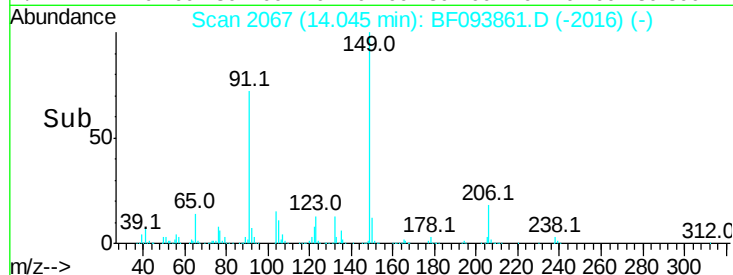
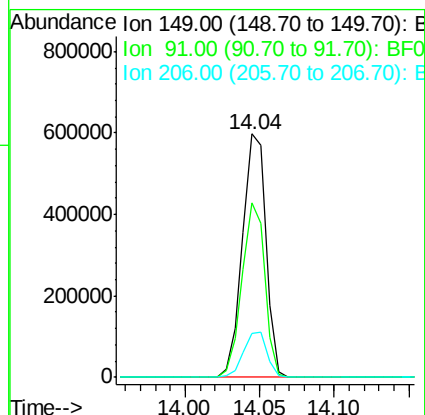
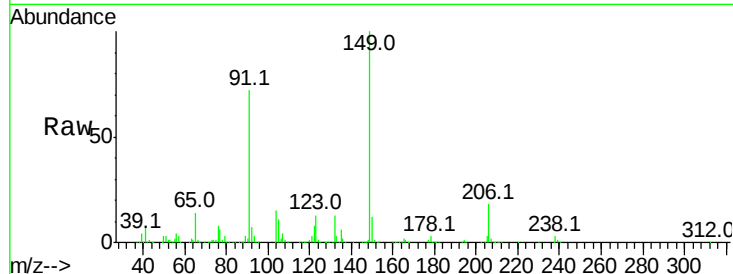




#79
Butylbenzylphthalate
Concen: 48.62 ng
RT: 14.04 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

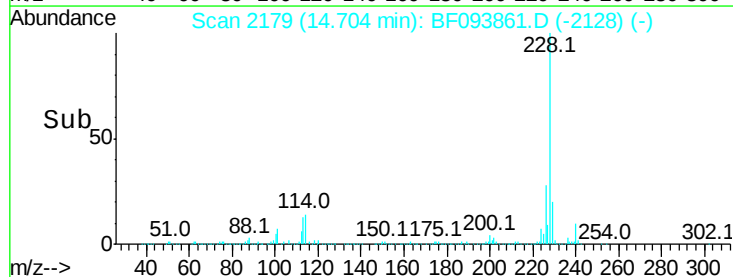
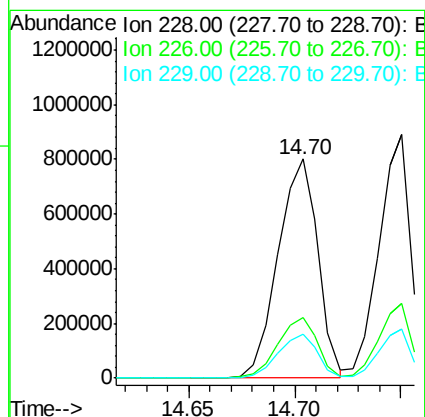
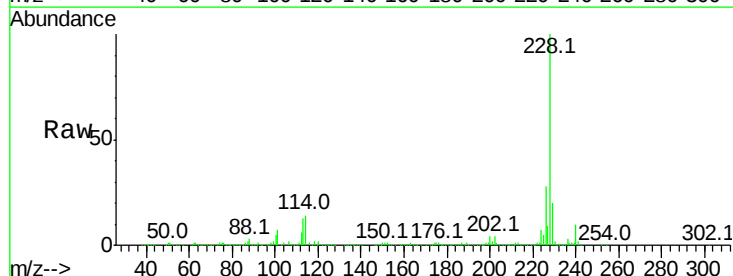
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMS

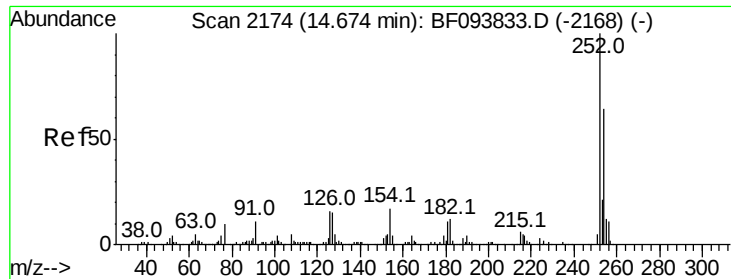
Tot Ion:149 Resp: 656915
Ion Ratio Lower Upper
149 100
91 71.7 45.0 67.4#
206 18.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 41.29 ng
RT: 14.70 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Tgt Ion:228 Resp: 1051845
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.2 16.3 24.5

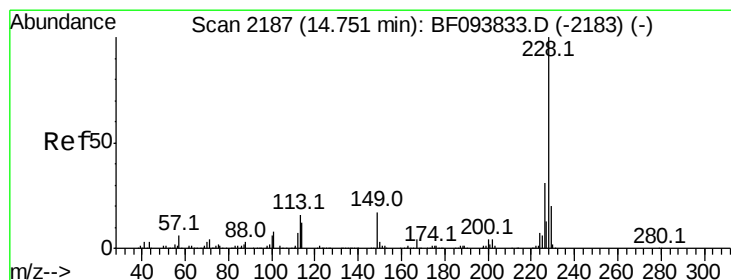
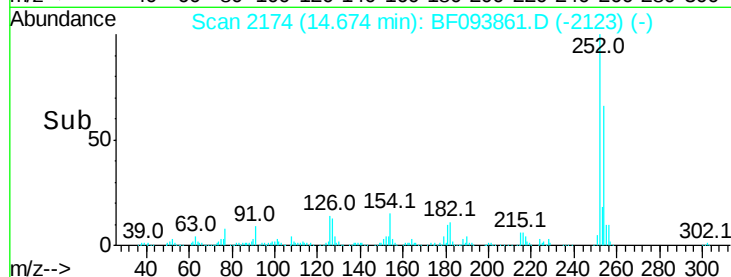
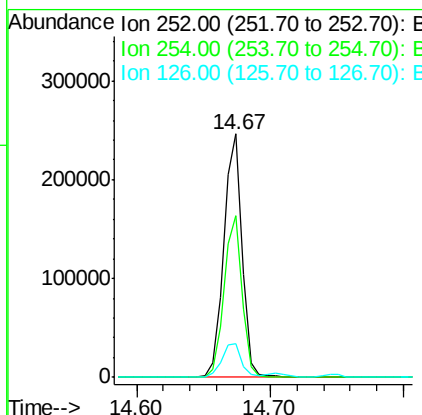
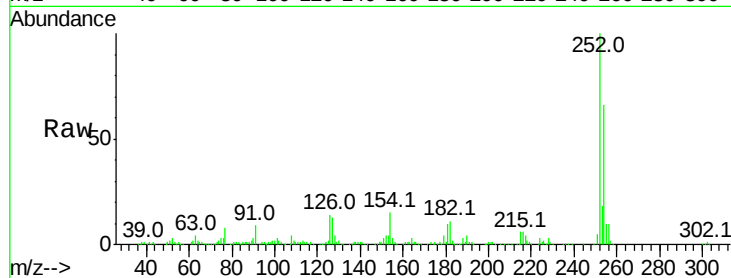




#81
 3,3'-Dichlorobenzidine
 Concen: 26.25 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

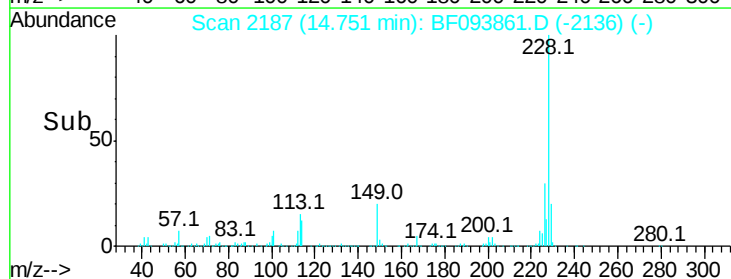
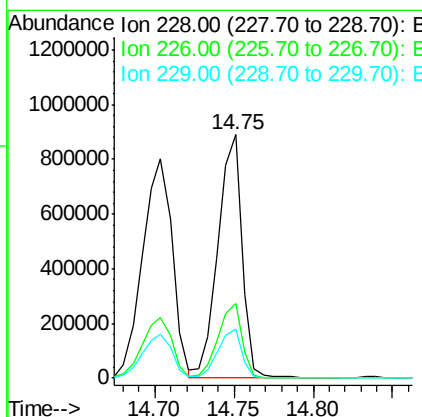
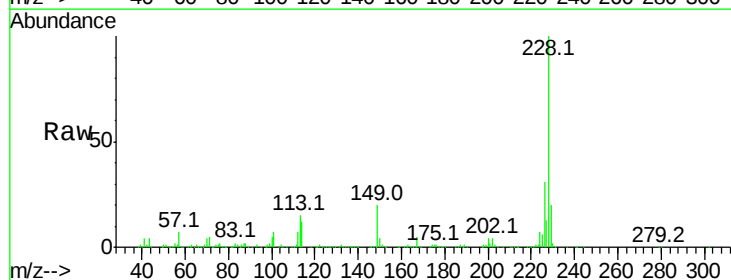
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

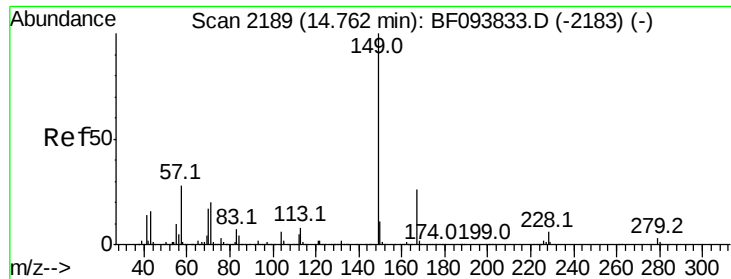
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.5	77.3
126	13.7	15.8	23.8#



#82
 Chrysene
 Concen: 39.50 ng
 RT: 14.75 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.9	15.8	23.6

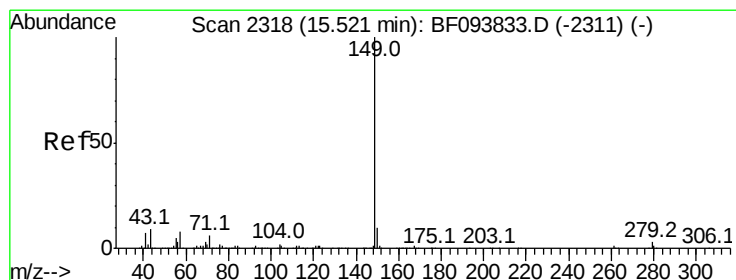
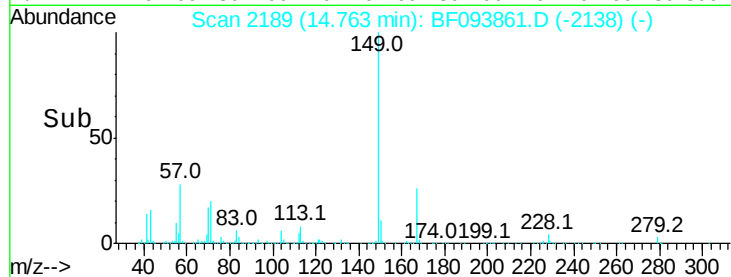
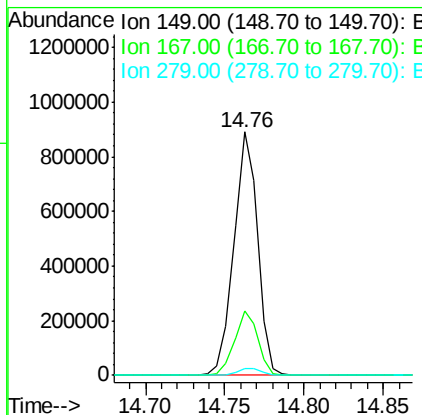
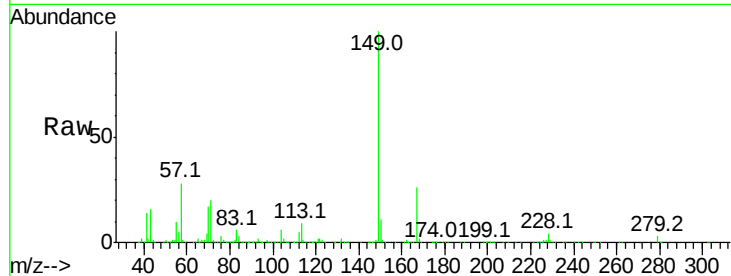




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.83 ng
 RT: 14.76 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

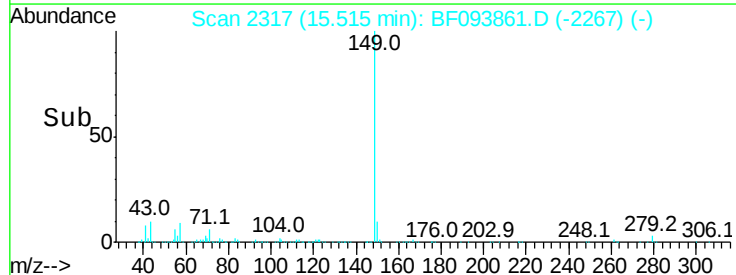
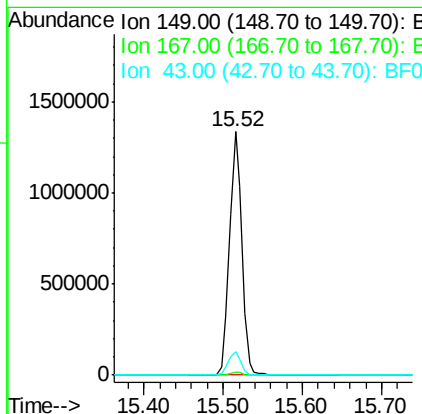
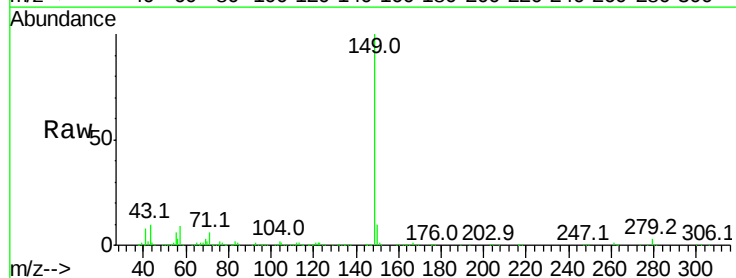
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

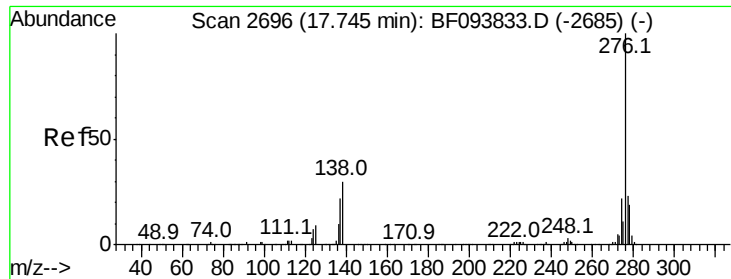
Tot Ion:149 Resp: 918460
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 2.9 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 46.87 ng
 RT: 15.52 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Tgt Ion:149 Resp: 1443072
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.9 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.56 ng

RT: 17.74 min Scan# 2696

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

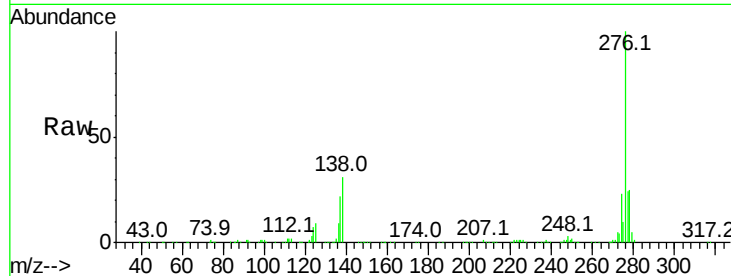
Tot Ion:276 Resp: 809996

Ion Ratio Lower Upper

276 100

138 36.0 27.8 41.6

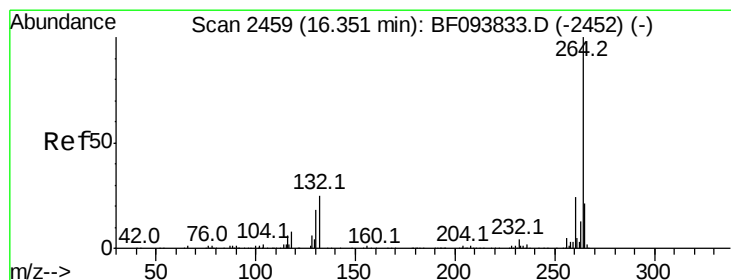
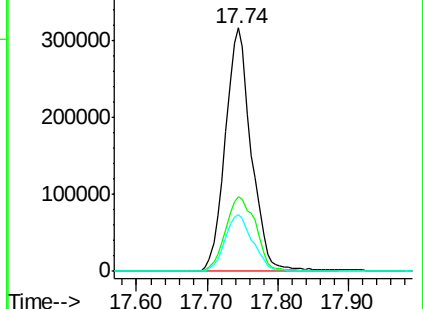
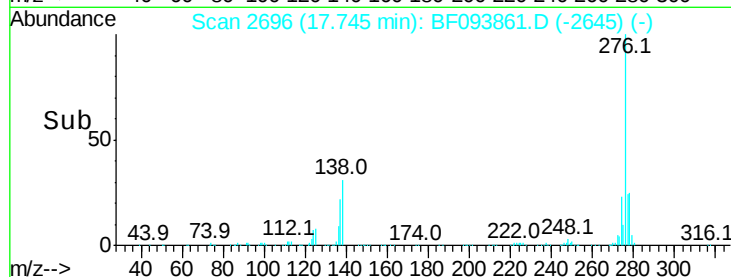
277 25.1 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.35 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

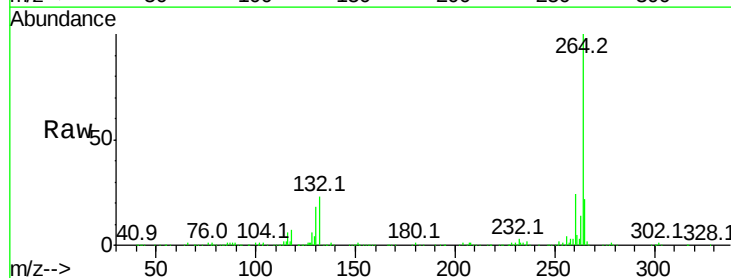
Tgt Ion:264 Resp: 326525

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

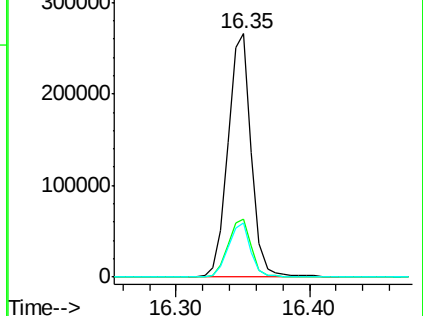
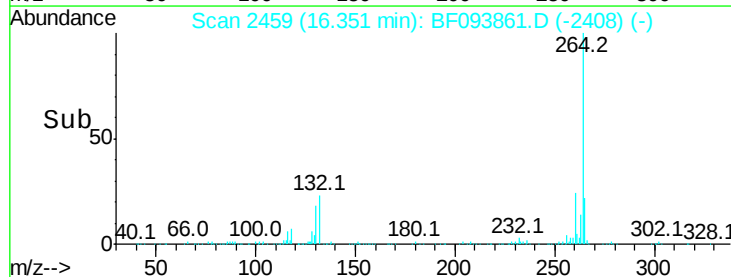
265 22.0 17.2 25.8

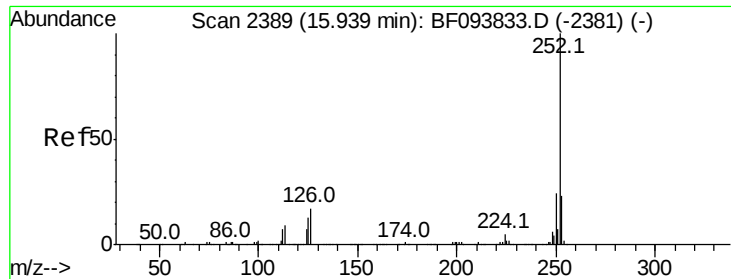


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

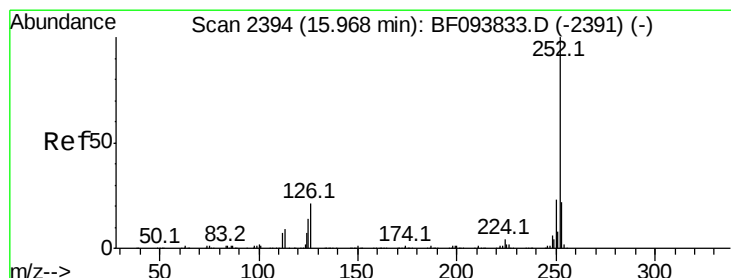
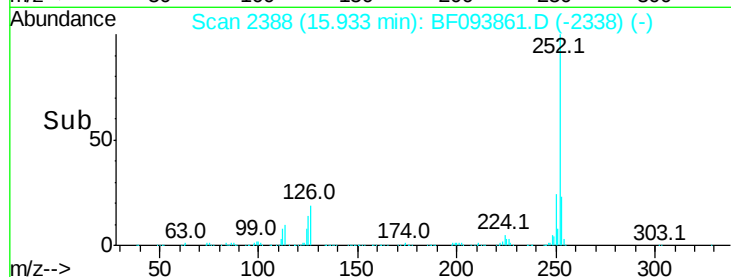
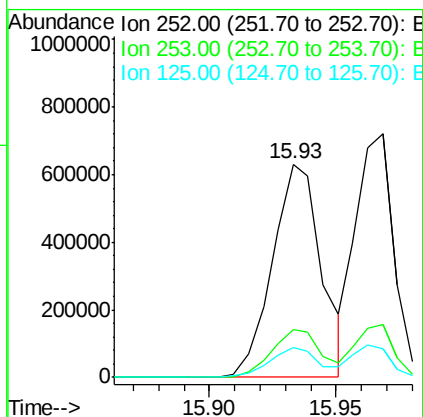
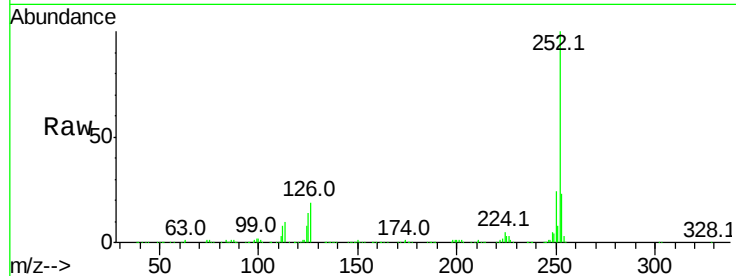




#87
Benzo(b)fluoranthene
Concen: 42.70 ng
RT: 15.93 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

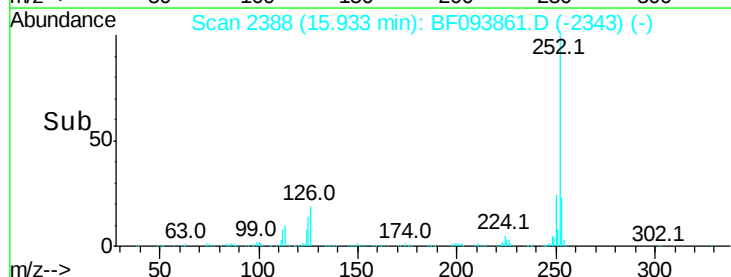
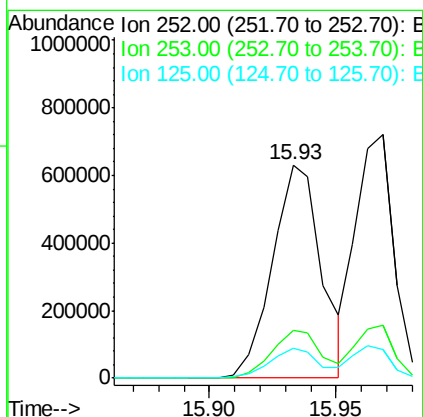
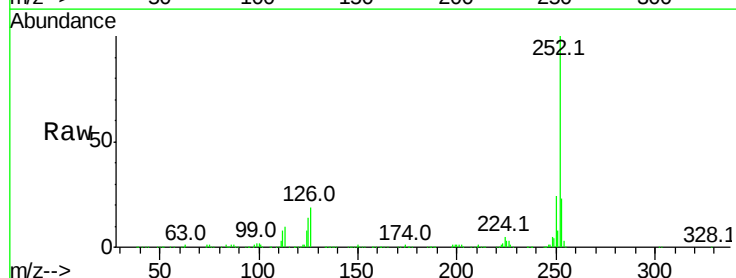
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMS

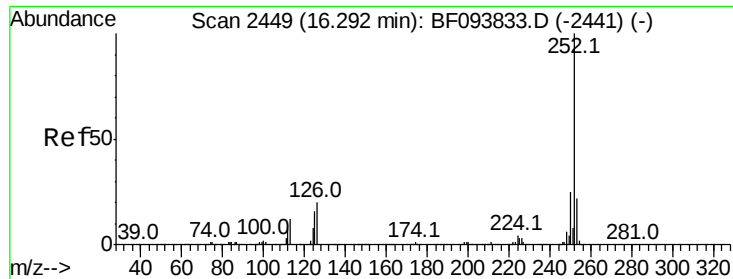
Tot Ion:252 Resp: 854728
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 14.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 43.65 ng
RT: 15.93 min Scan# 2388
Delta R.T. -0.04 min
Lab File: BF093861.D
Acq: 23 Mar 2017 4:57

Tgt Ion:252 Resp: 854728
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 14.0 13.1 19.7





#89

Benzo(a)pyrene

Concen: 41.81 ng

RT: 16.29 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMS

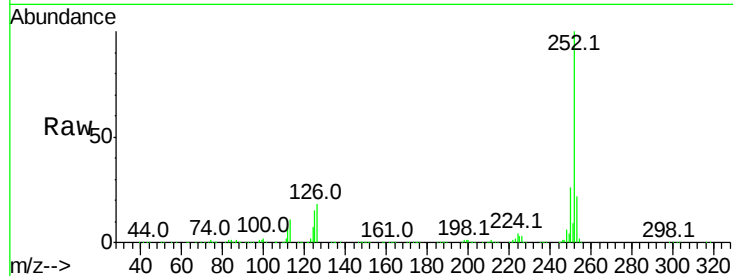
Tot Ion:252 Resp: 770672

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

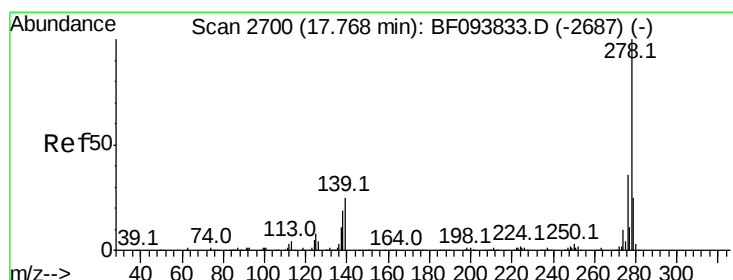
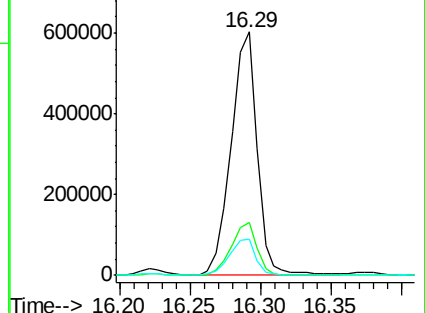
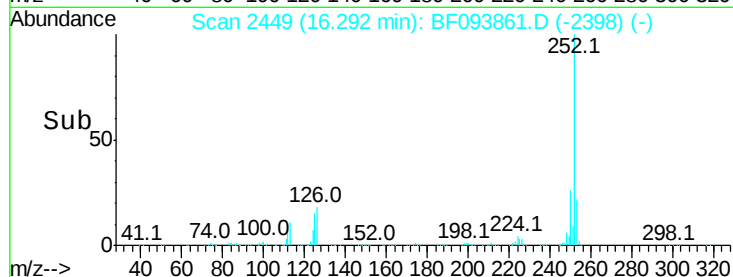
125 14.8 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.50 ng

RT: 17.77 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BF093861.D

Acq: 23 Mar 2017 4:57

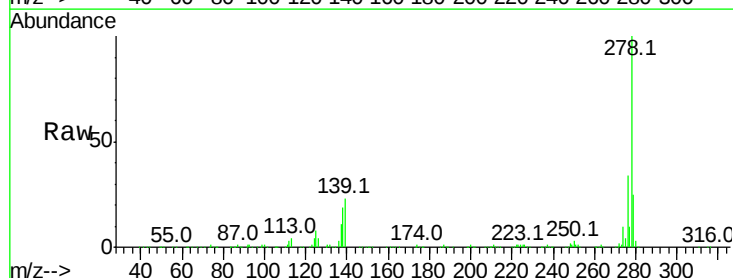
Tgt Ion:278 Resp: 663413

Ion Ratio Lower Upper

278 100

139 23.4 16.6 24.8

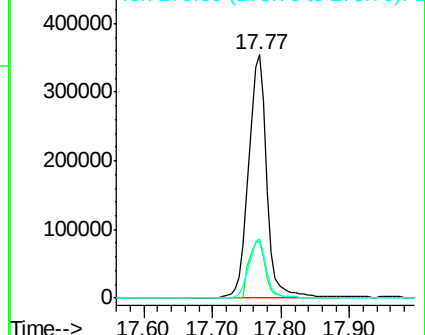
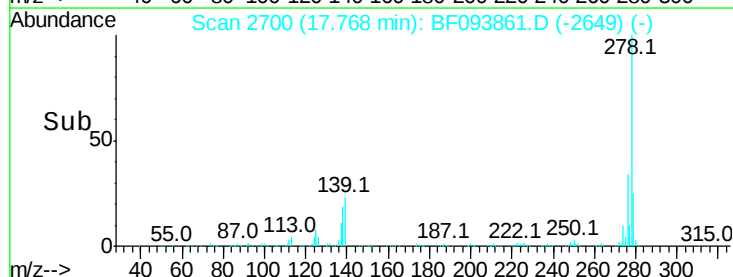
279 24.5 19.3 28.9

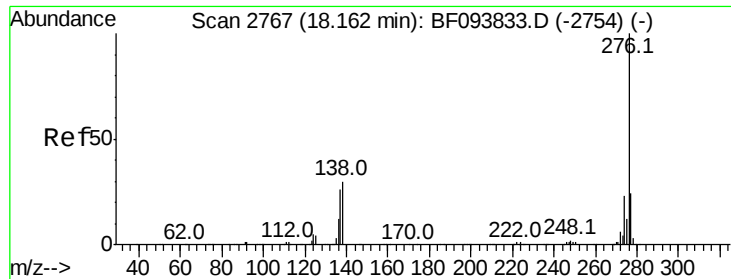


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 43.03 ng
 RT: 18.16 min Scan# 2766
 Delta R.T. -0.01 min
 Lab File: BF093861.D
 Acq: 23 Mar 2017 4:57

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	30.6	25.4	38.0

