

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093862.D
 Acq On : 23 Mar 2017 5:24
 Operator : SJ/MA
 Sample : I2337-09MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMSD

Quant Time: Mar 23 06:48:27 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	197548	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	807699	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	366899	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	612527	20.00	ng	0.00
75) Chrysene-d12	14.72	240	423489	20.00	ng	0.00
86) Perylene-d12	16.35	264	326759	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.52	112	1574848	134.65	ng	0.02
7) Phenol-d6	5.58	99	2048939	141.61	ng	0.01
23) Nitrobenzene-d5	6.64	82	1276513	90.19	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	405106	139.73	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	2210992	91.91	ng	0.00
78) Terphenyl-d14	13.44	244	1639297	86.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	229317	40.81	ng	99
3) Pyridine	2.90	79	649668	42.42	ng	98
4) n-Nitrosodimethylamine	2.86	42	309909	49.18	ng	94
6) Aniline	5.62	93	573010	28.47	ng	95
8) 2-Chlorophenol	5.75	128	631389	49.11	ng	97
9) Benzaldehyde	5.48	77	217834	22.30	ng	97
10) Phenol	5.59	94	848139	51.51	ng	97
11) bis(2-Chloroethyl)ether	5.69	93	614617	47.77	ng	100
12) 1,3-Dichlorobenzene	5.92	146	681216	47.24	ng	99
13) 1,4-Dichlorobenzene	6.01	146	688811	47.16	ng	97
14) 1,2-Dichlorobenzene	6.19	146	639430	47.54	ng	95
15) Benzyl Alcohol	6.15	79	556547	52.55	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.32	45	922589	46.53	ng	98
17) 2-Methylphenol	6.29	107	544979	49.50	ng	96
18) Hexachloroethane	6.58	117	249100	48.52	ng	# 84
19) n-Nitroso-di-n-propylamine	6.48	70	456420	49.08	ng	96
20) 3+4-Methylphenols	6.47	107	626910	47.01	ng	# 85
22) Acetophenone	6.46	105	856013	47.55	ng	96
24) Nitrobenzene	6.66	77	666093	47.72	ng	93
25) Isophorone	6.95	82	1243528	50.00	ng	96
26) 2-Nitrophenol	7.03	139	364279	54.72	ng	94
27) 2,4-Dimethylphenol	7.09	122	546303	47.63	ng	98
28) bis(2-Chloroethoxy)methane	7.21	93	809137	49.34	ng	99
29) 2,4-Dichlorophenol	7.33	162	551590	51.43	ng	100
30) 1,2,4-Trichlorobenzene	7.43	180	548166	49.63	ng	98
31) Naphthalene	7.52	128	1825546	47.01	ng	99
32) Benzoic acid	7.09	122	546303	71.55	ng	# 13
33) 4-Chloroaniline	7.57	127	261584	16.62	ng	93
34) Hexachlorobutadiene	7.67	225	276987	48.90	ng	98
35) Caprolactam	8.03	113	79068	23.12	ng	97
36) 4-Chloro-3-methylphenol	8.19	107	578038	51.58	ng	89
37) 2-Methylnaphthalene	8.36	142	1274590	49.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	455117	45.34	ng	98
40) Hexachlorocyclopentadiene	8.56	237	409733	87.24	ng	99

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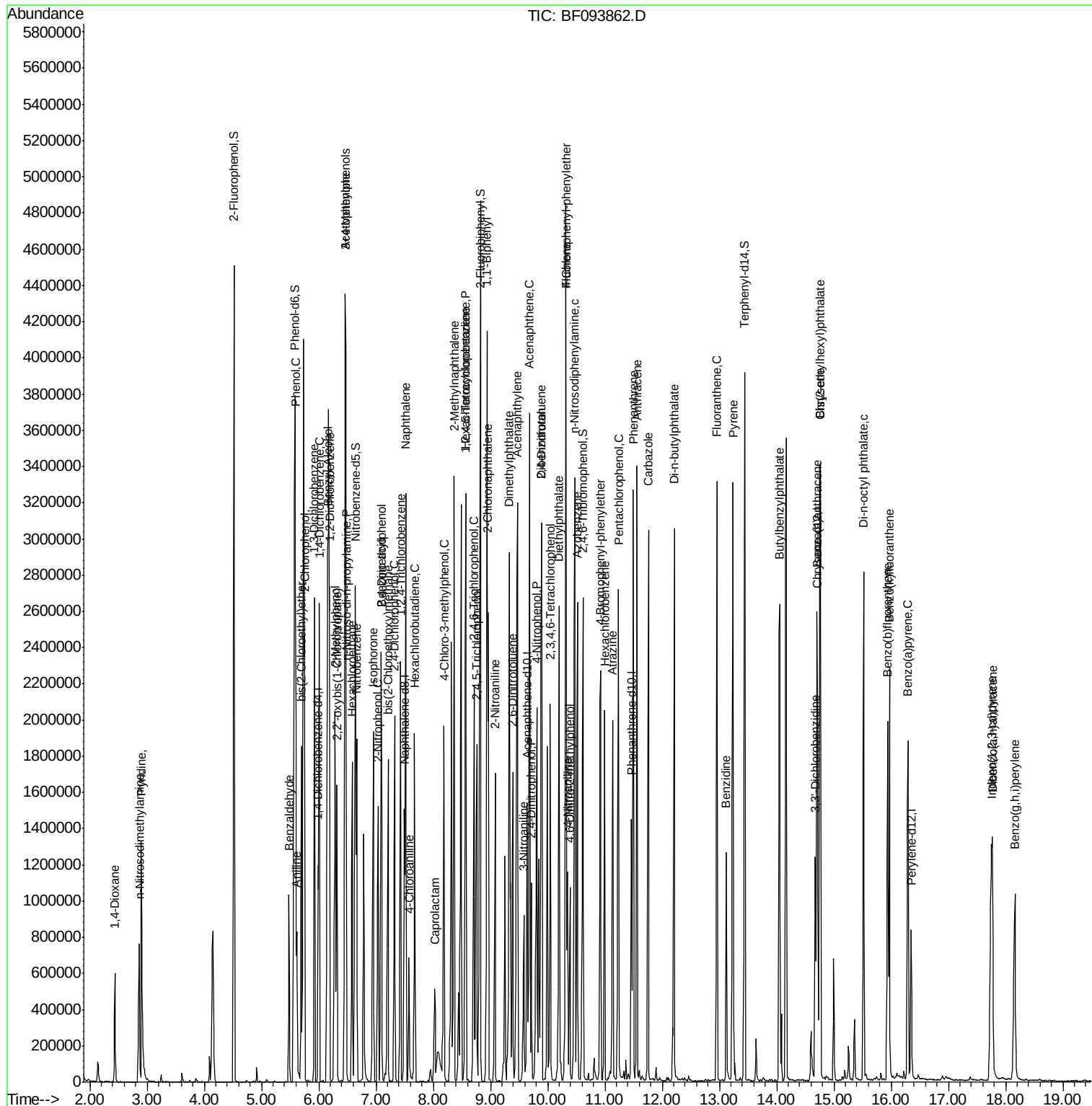
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.71	196	373144	52.55	nq	98
43) 2,4,5-Trichlorophenol	8.76	196	366278	47.67	nq	94
45) 1,1'-Biphenyl	8.94	154	1385893	46.83	nq	97
46) 2-Chloronaphthalene	8.96	162	1099489	47.46	nq	94
47) 2-Nitroaniline	9.08	65	333849	48.58	nq	# 86
48) Acenaphthylene	9.47	152	1728652	44.90	nq	100
49) Dimethylphthalate	9.33	163	1435332	55.03	nq	100
50) 2,6-Dinitrotoluene	9.39	165	293687	49.12	nq	# 86
51) Acenaphthene	9.68	154	1025438	45.65	nq	100
52) 3-Nitroaniline	9.59	138	191184	27.23	nq	87
53) 2,4-Dinitrophenol	9.72	184	148988	48.52	nq	# 71
54) Dibenzofuran	9.90	168	1488636	48.68	nq	99
55) 4-Nitrophenol	9.81	139	507768	92.36	nq	# 69
56) 2,4-Dinitrotoluene	9.89	165	366258	48.77	nq	# 81
57) Fluorene	10.32	166	1074083	42.35	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	270341	51.28	nq	99
59) Diethylphthalate	10.20	149	1256731	48.75	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	467058	43.23	nq	93
61) 4-Nitroaniline	10.35	138	309627	45.96	nq	94
62) Azobenzene	10.52	77	1224322	50.21	nq	97
64) 4,6-Dinitro-2-methylphenol	10.39	198	172569	46.00	nq	# 69
65) n-Nitrosodiphenylamine	10.47	169	1041011	49.14	nq	98
66) 4-Bromophenyl-phenylether	10.92	248	298092	49.48	nq	97
67) Hexachlorobenzene	10.99	284	299223	49.07	nq	# 87
68) Atrazine	11.14	200	306763	48.35	nq	98
69) Pentachlorophenol	11.23	266	334826	88.21	nq	99
70) Phenanthrene	11.50	178	1594389	46.79	nq	99
71) Anthracene	11.56	178	1631169	46.49	nq	99
72) Carbazole	11.76	167	1541631	42.85	nq	99
73) Di-n-butylphthalate	12.21	149	1880712	50.27	nq	99
74) Fluoranthene	12.96	202	1606223	46.04	nq	99
76) Benzidine	13.12	184	519622	31.00	nq	95
77) Pyrene	13.23	202	1616702	52.60	nq	100
79) Butylbenzylphthalate	14.05	149	771335	58.90	nq	# 87
80) Benzo(a)anthracene	14.70	228	1216090	49.24	nq	98
81) 3,3'-Dichlorobenzidine	14.67	252	247679	28.06	nq	# 96
82) Chrysene	14.75	228	1037655	45.28	nq	99
83) Bis(2-ethylhexyl)phthalate	14.76	149	1052204	58.89	nq	98
84) Di-n-octyl phthalate	15.52	149	1683800	56.42	nq	99
85) Indeno(1,2,3-cd)pyrene	17.74	276	956615	48.20	nq	98
87) Benzo(b)fluoranthene	15.94	252	980152	48.94	nq	99
88) Benzo(k)fluoranthene	15.97	252	901883	46.02	nq	96
89) Benzo(a)pyrene	16.29	252	895756	48.56	nq	99
90) Dibenzo(a,h)anthracene	17.77	278	787918	50.44	nq	97
91) Benzo(g,h,i)perylene	18.16	276	818107	51.97	nq	98

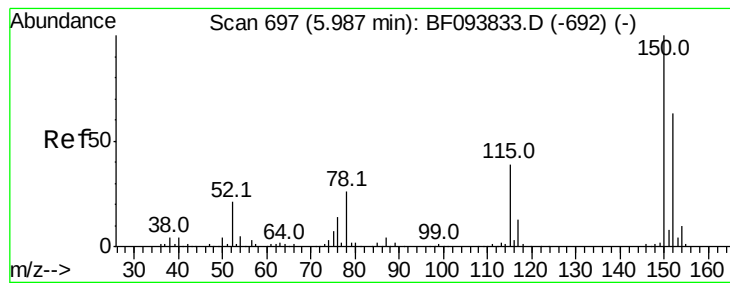
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.99 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BAEMSD

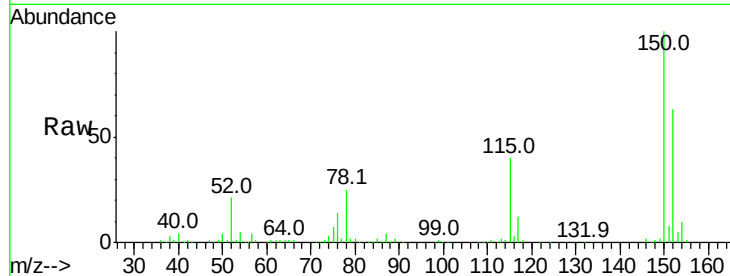
Tot Ion:152 Resp: 197548

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

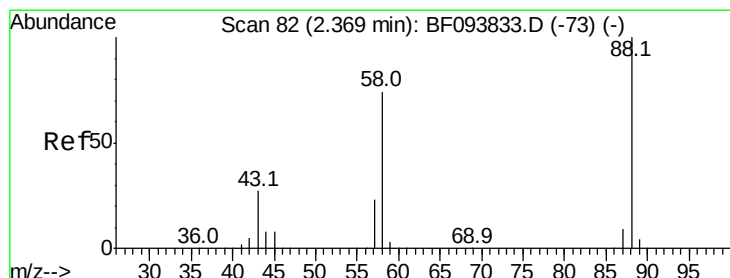
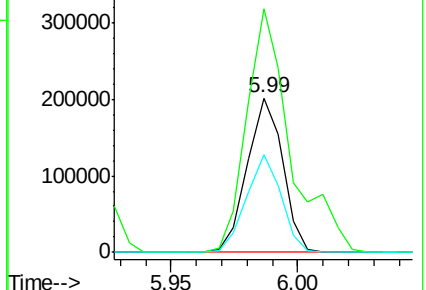
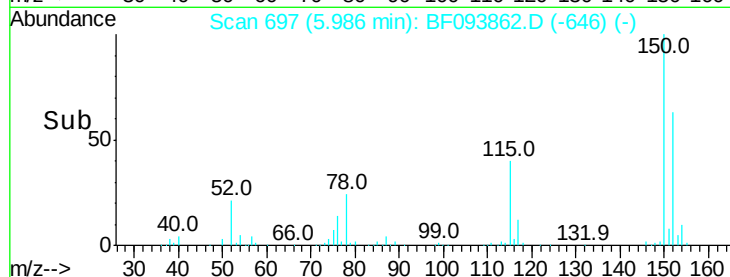
115 63.4 52.2 78.2



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: 40.81 ng

RT: 2.43 min Scan# 93

Delta R.T. 0.06 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

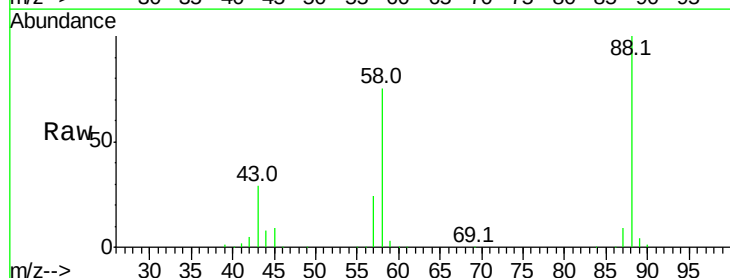
Tgt Ion: 88 Resp: 229317

Ion Ratio Lower Upper

88 100

58 76.1 61.4 92.0

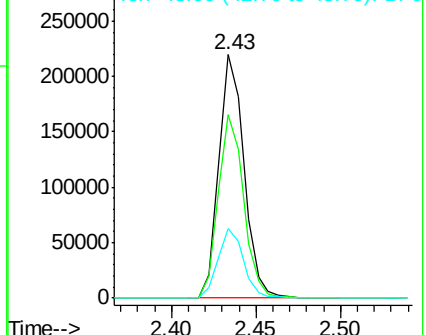
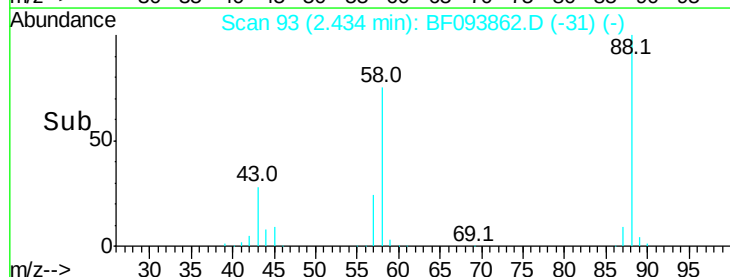
43 28.4 23.4 35.0

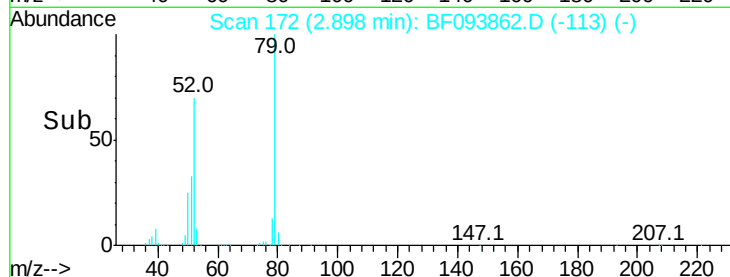
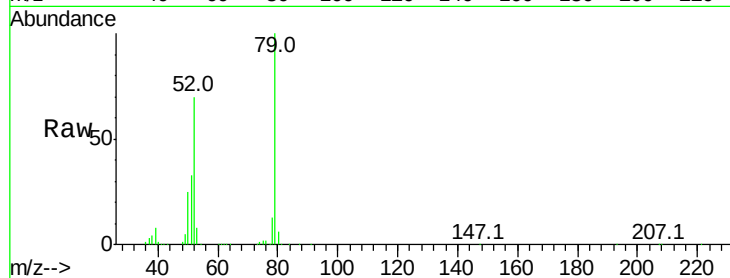
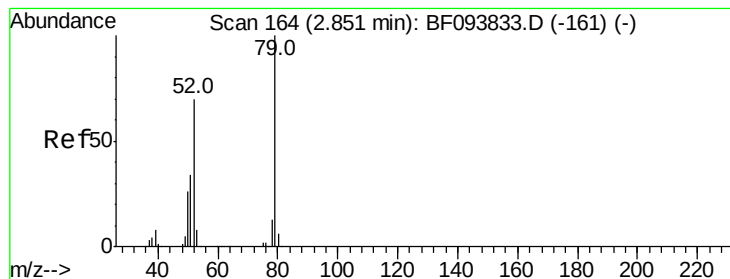


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.42 ng

RT: 2.90 min Scan# 172

Delta R.T. 0.05 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BAEMSD

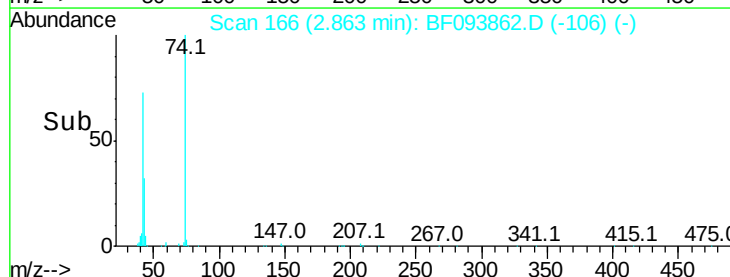
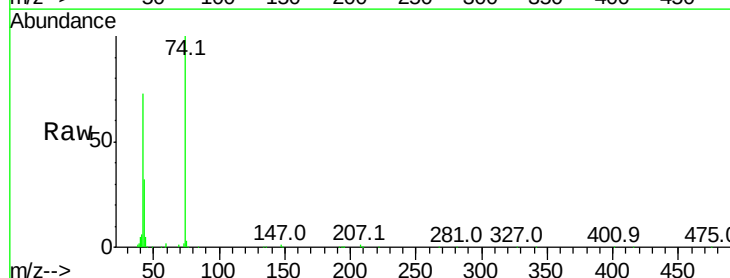
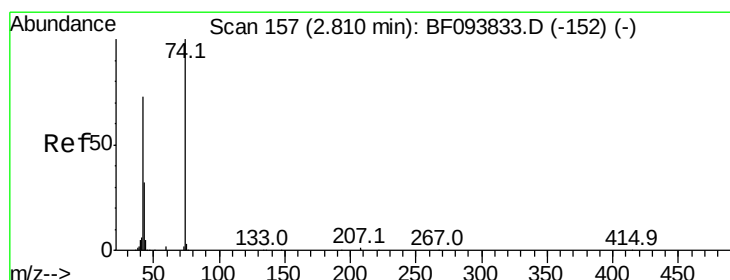
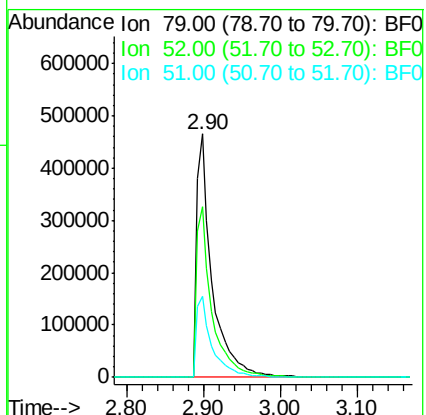
Tot Ion: 79 Resp: 649668

Ion Ratio Lower Upper

79 100

52 70.3 54.8 82.2

51 33.4 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 49.18 ng

RT: 2.86 min Scan# 166

Delta R.T. 0.05 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

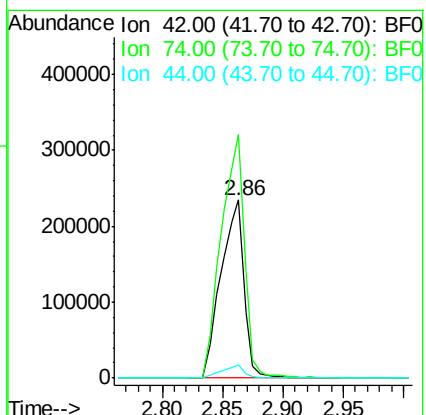
Tgt Ion: 42 Resp: 309909

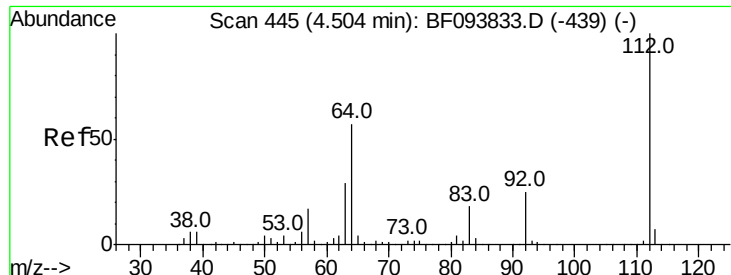
Ion Ratio Lower Upper

42 100

74 136.8 103.9 155.9

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 134.65 ng

RT: 4.52 min Scan# 448

Delta R.T. 0.02 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

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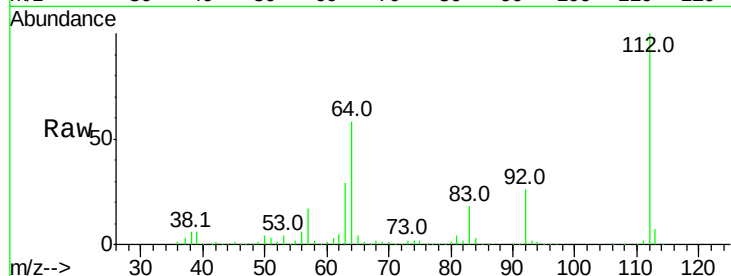
Tot Ion:112 Resp: 1574848

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

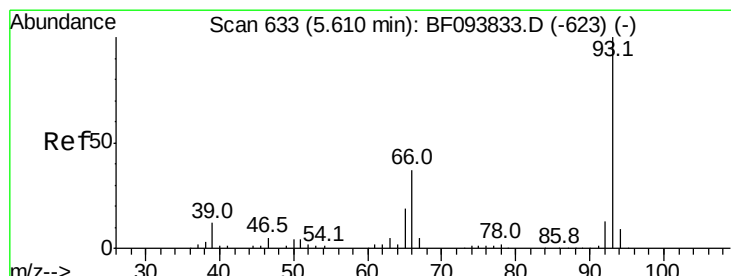
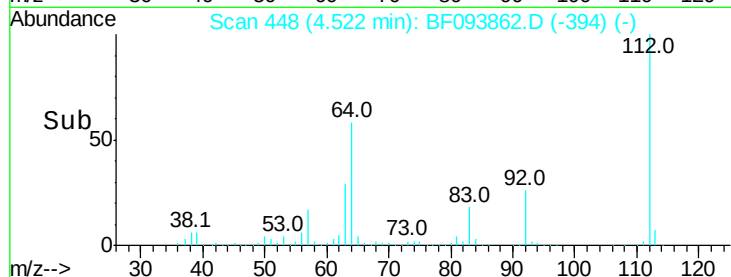
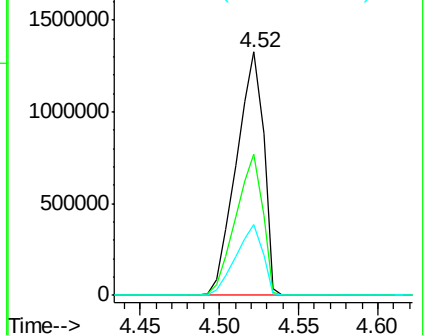
63 29.2 23.4 35.0



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: 28.47 ng

RT: 5.62 min Scan# 634

Delta R.T. 0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

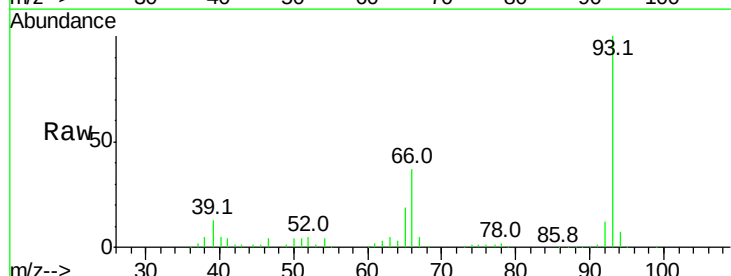
Tgt Ion: 93 Resp: 573010

Ion Ratio Lower Upper

93 100

66 37.4 32.9 49.3

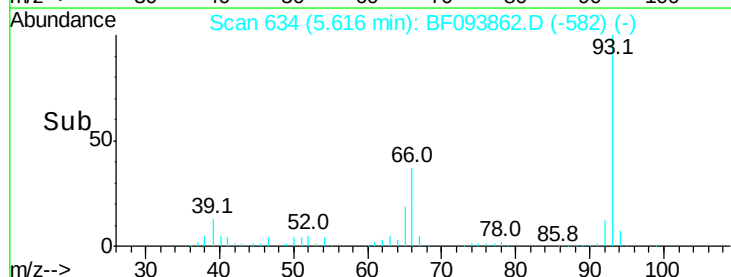
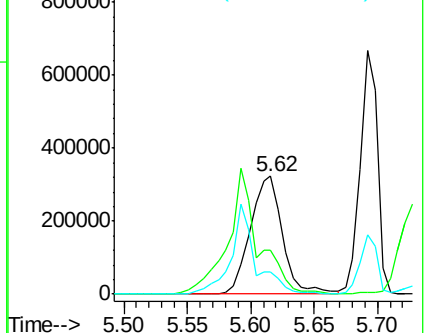
65 18.5 16.0 24.0

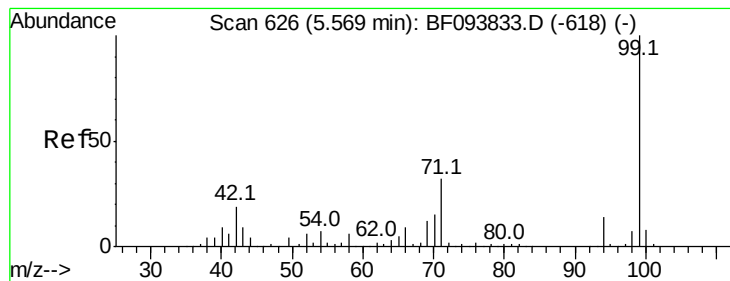


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.61 ng

RT: 5.58 min Scan# 628

Delta R.T. 0.01 min

Lab File: BF093862.D

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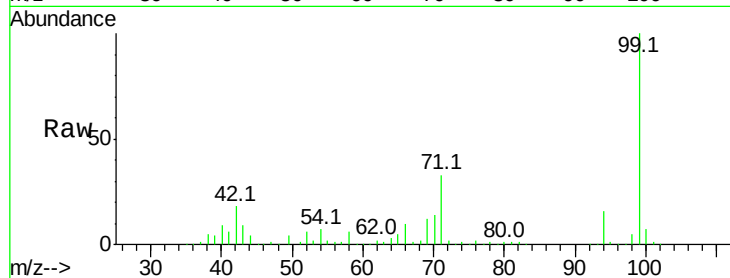
Tot Ion: 99 Resp: 2048939

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

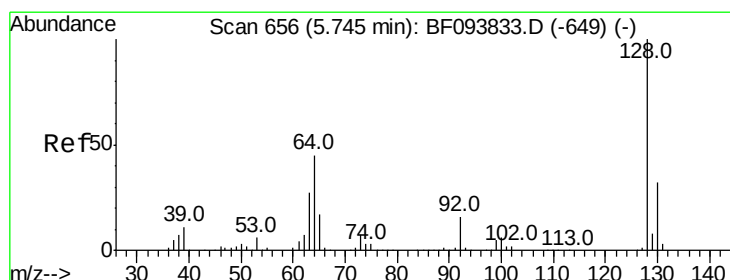
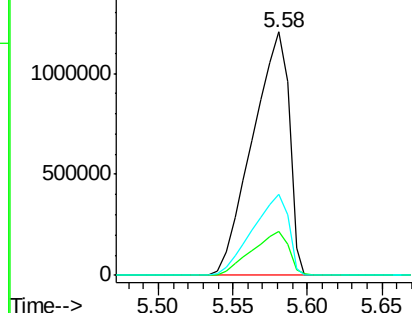
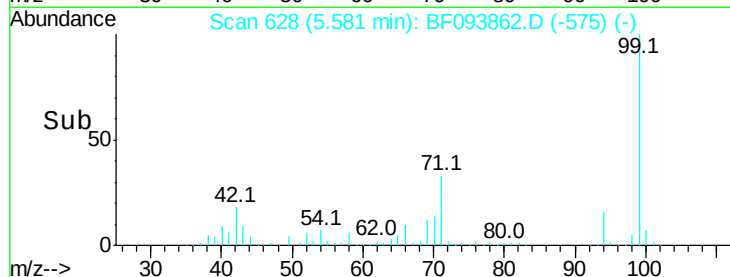
71 33.3 24.5 36.7



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: 49.11 ng

RT: 5.75 min Scan# 657

Delta R.T. 0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

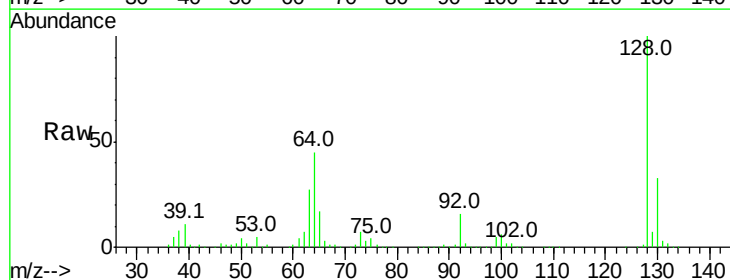
Tgt Ion: 128 Resp: 631389

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

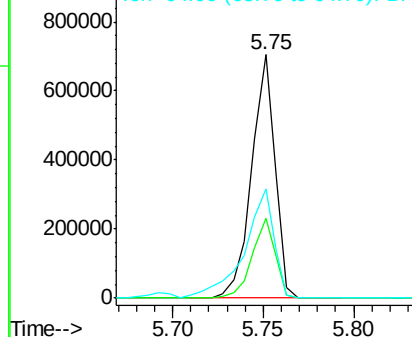
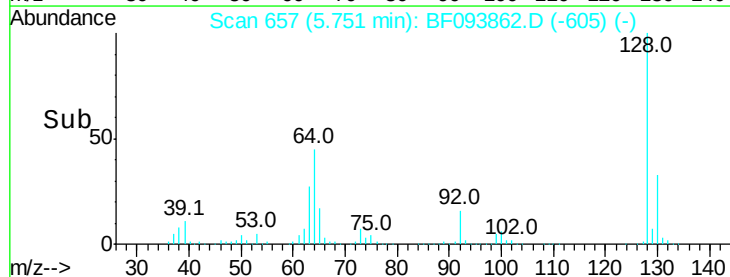
64 45.1 28.4 68.4

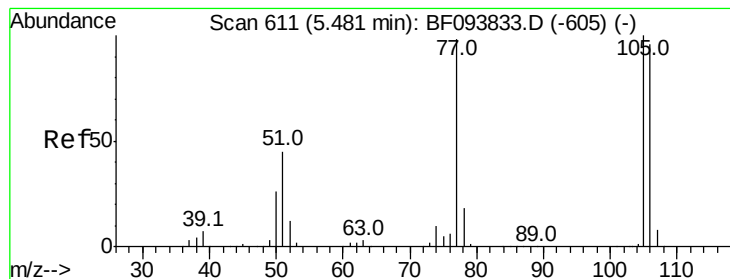


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.30 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

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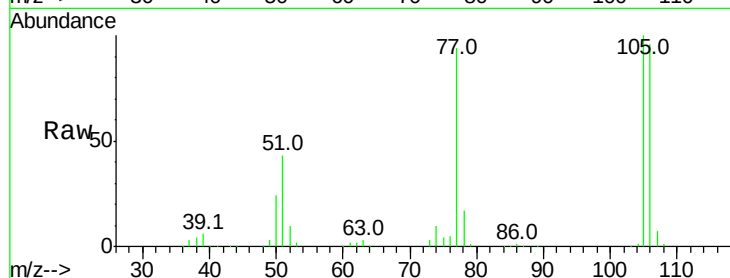
Tot Ion: 77 Resp: 217834

Ion Ratio Lower Upper

77 100

105 106.6 83.8 123.8

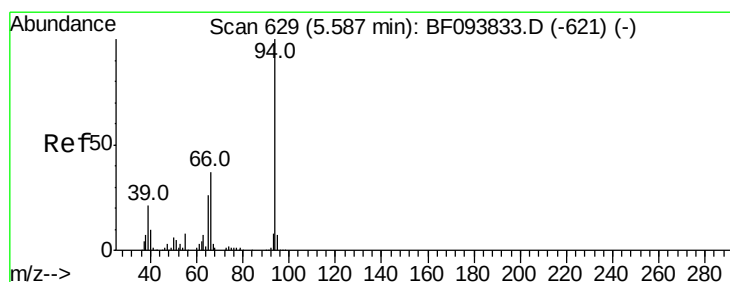
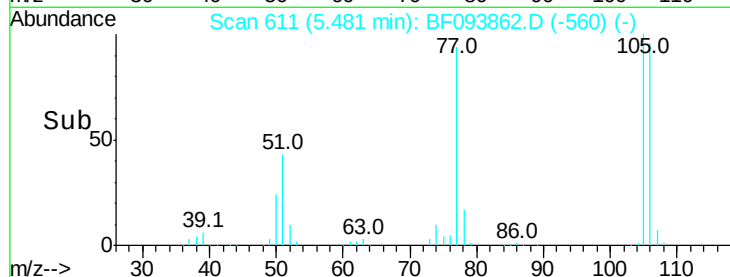
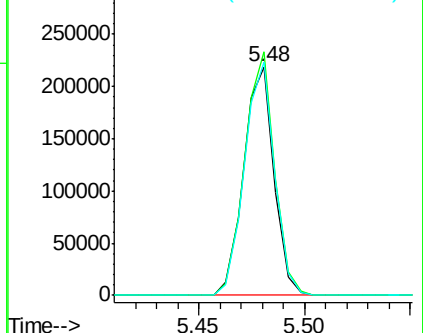
106 102.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 51.51 ng

RT: 5.59 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

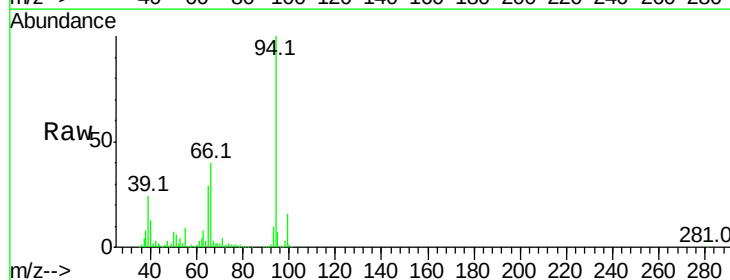
Tgt Ion: 94 Resp: 848139

Ion Ratio Lower Upper

94 100

65 29.2 9.9 49.9

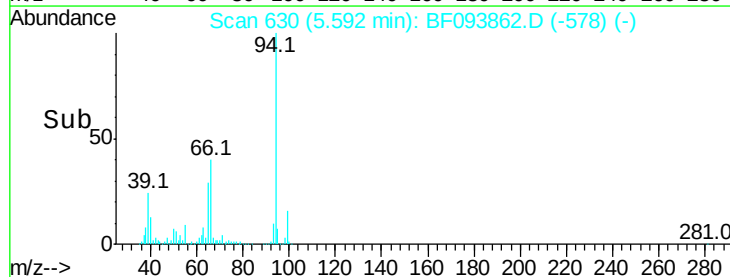
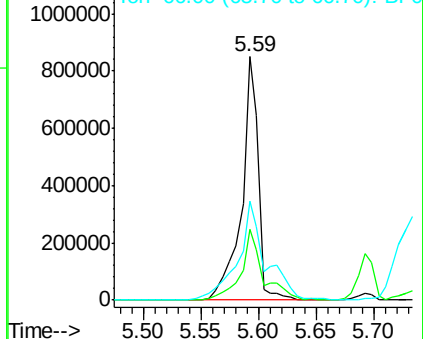
66 40.5 23.1 63.1

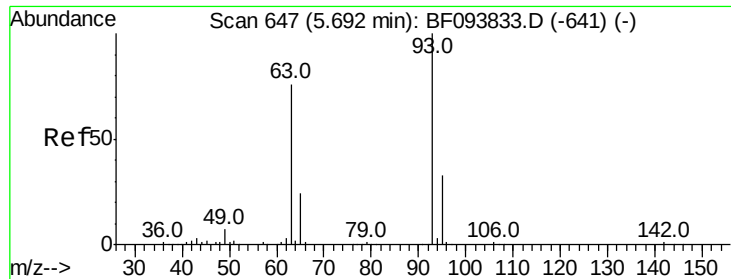


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 47.77 ng

RT: 5.69 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMSD

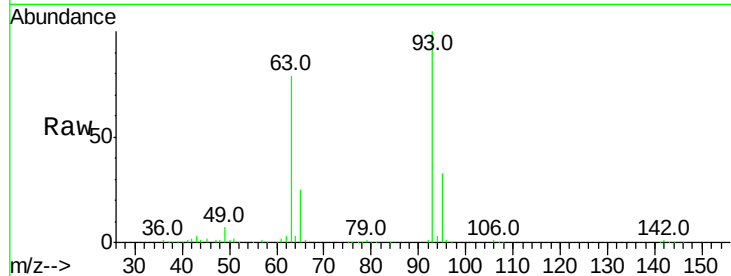
Tot Ion: 93 Resp: 614617

Ion Ratio Lower Upper

93 100

63 79.2 59.2 99.2

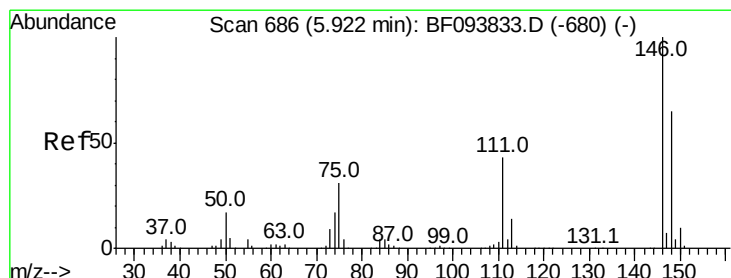
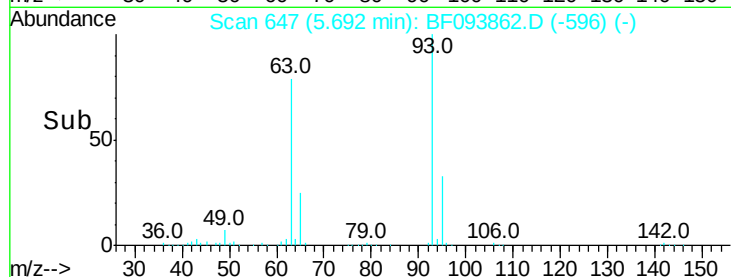
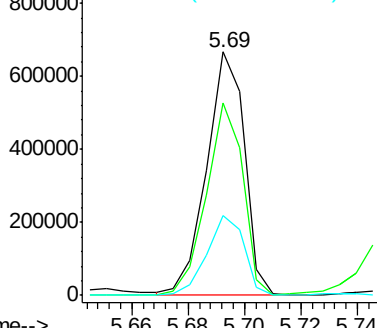
95 32.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 47.24 ng

RT: 5.92 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

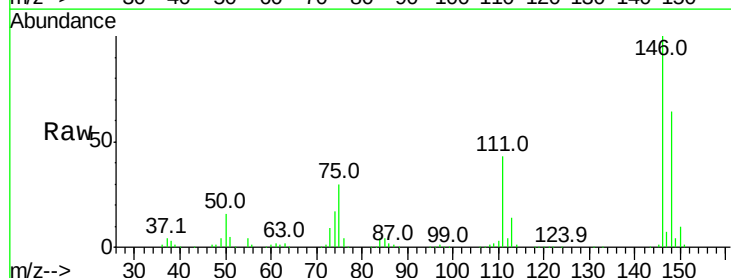
Tgt Ion: 146 Resp: 681216

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

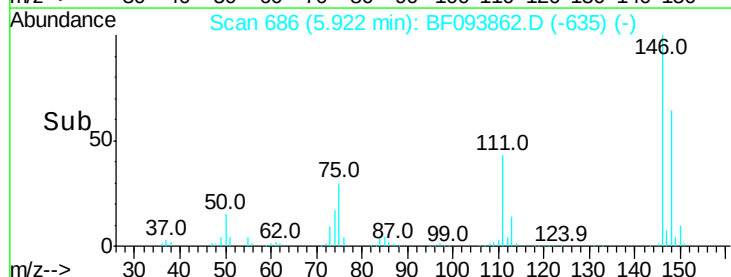
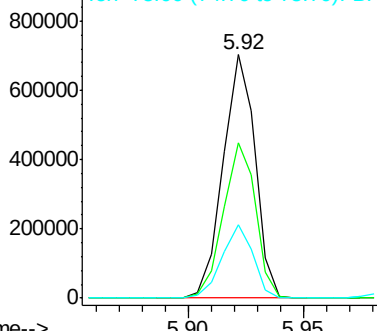
75 30.2 23.1 34.7

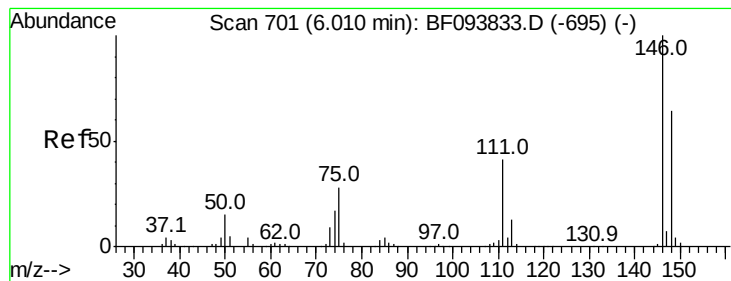


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 47.16 ng

RT: 6.01 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMSD

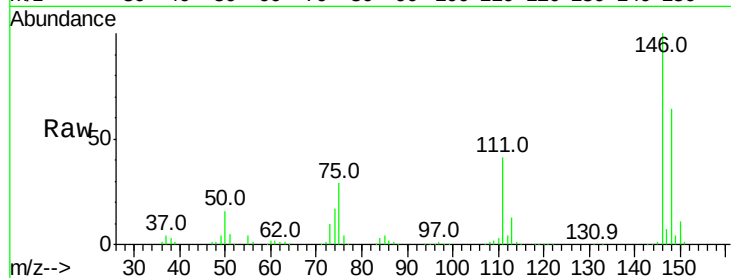
Tot Ion:146 Resp: 688811

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

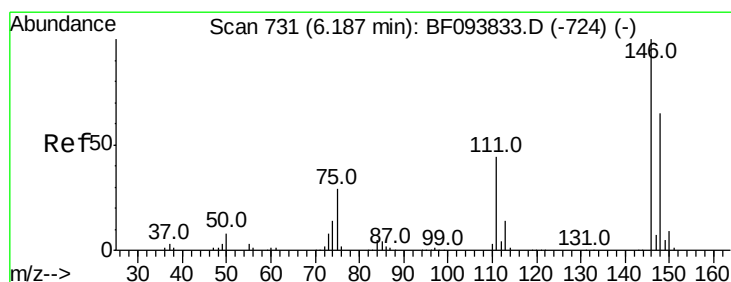
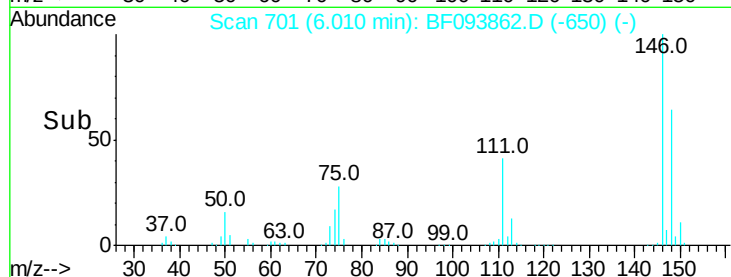
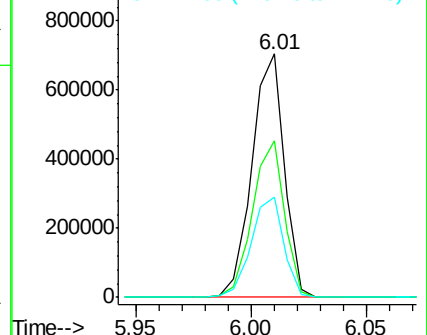
111 41.3 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.54 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

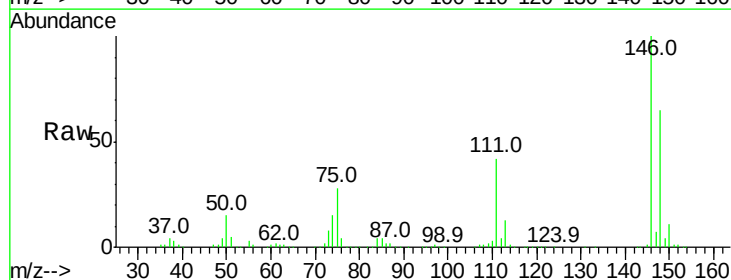
Tgt Ion:146 Resp: 639430

Ion Ratio Lower Upper

146 100

148 65.1 50.4 75.6

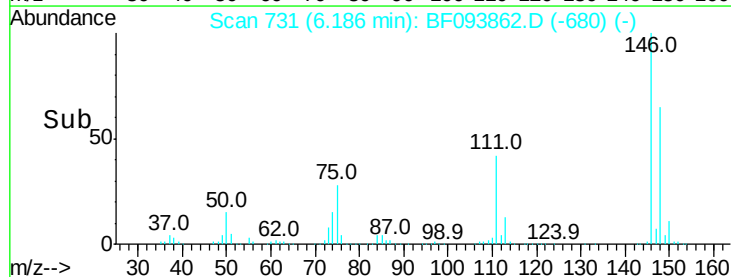
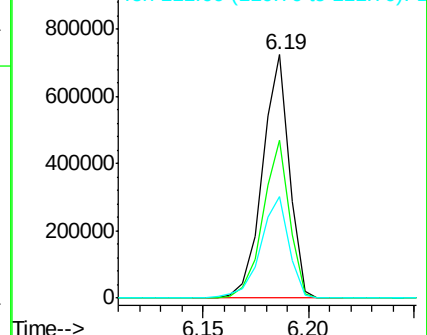
111 41.9 38.2 57.4

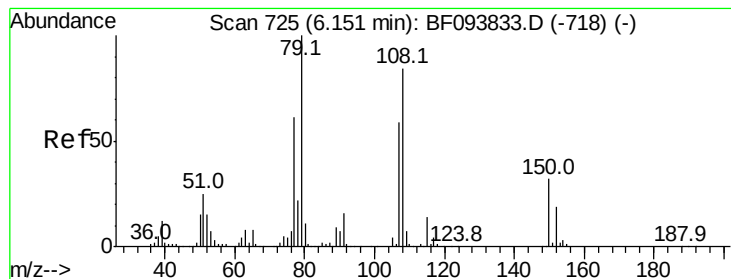


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.55 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BAEMSD

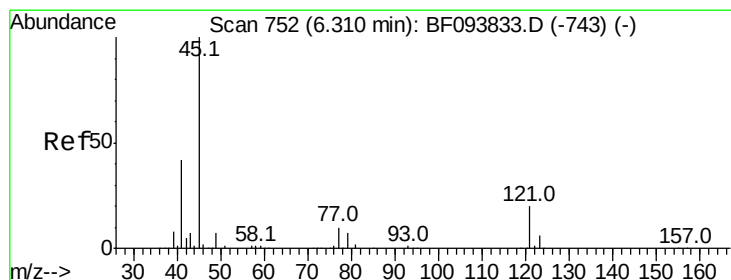
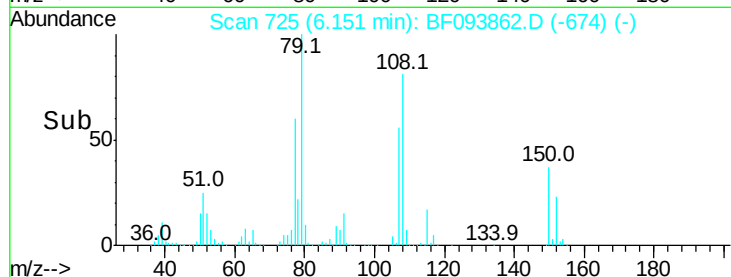
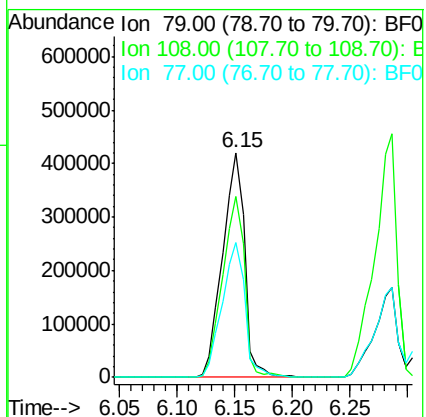
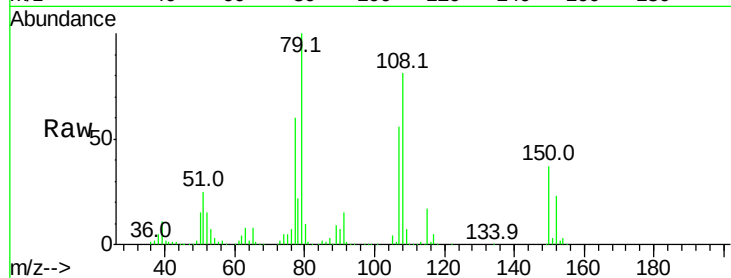
Tot Ion: 79 Resp: 556547

Ion Ratio Lower Upper

79 100

108 80.6 63.4 95.0

77 60.2 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.53 ng

RT: 6.32 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

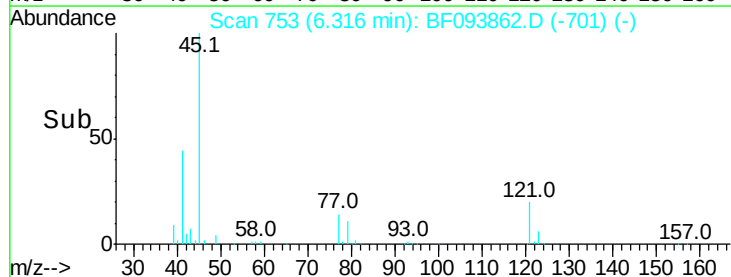
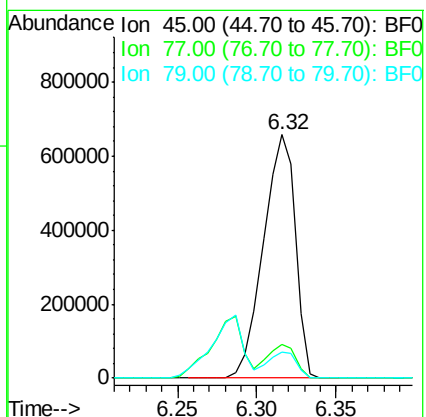
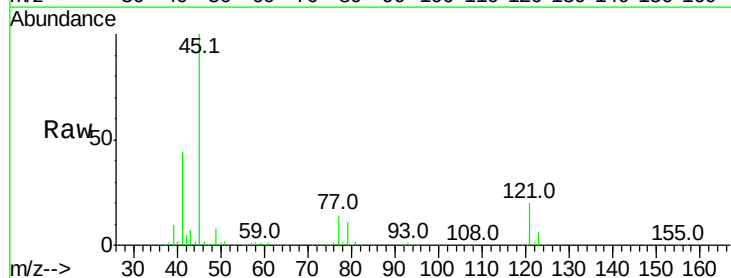
Tgt Ion: 45 Resp: 922589

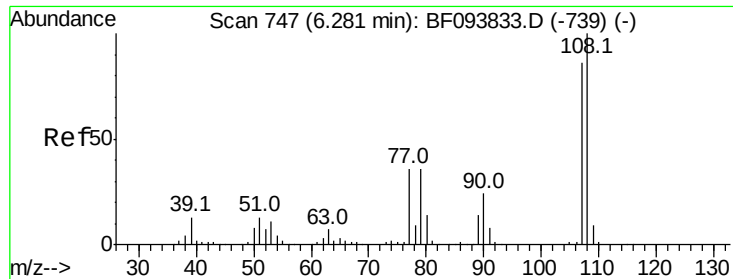
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.2

79 10.8 0.0 30.0

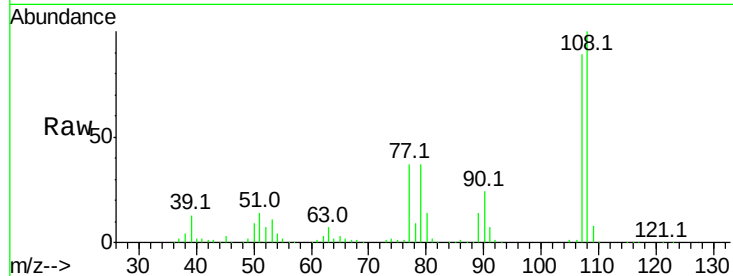




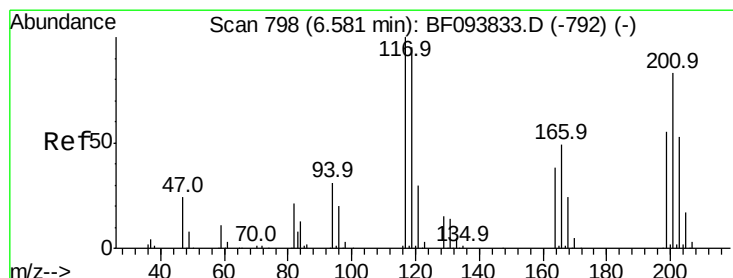
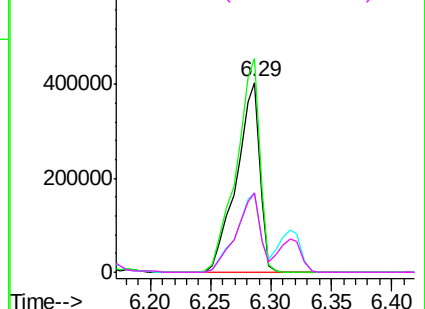
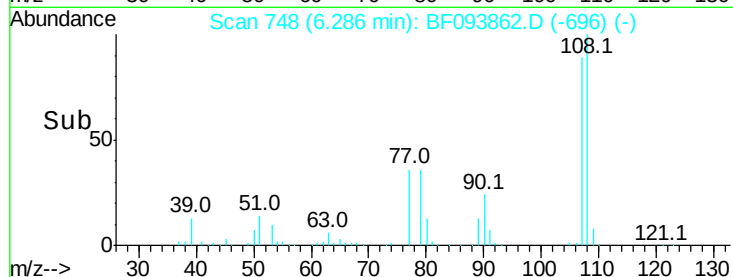
#17
2-Methylphenol
Concen: 49.50 ng
RT: 6.29 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BAEMSD

Tot Ion:107 Resp: 544979
Ion Ratio Lower Upper
107 100
108 112.6 93.4 140.0
77 41.7 35.8 53.6
79 41.8 34.8 52.2

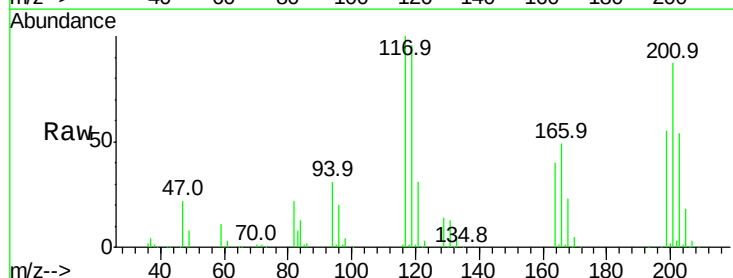


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

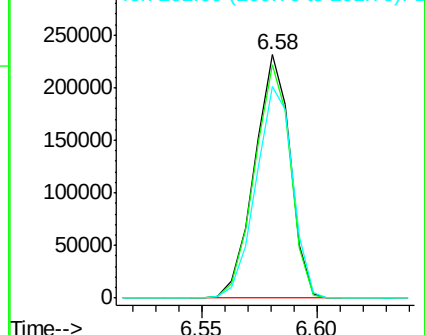
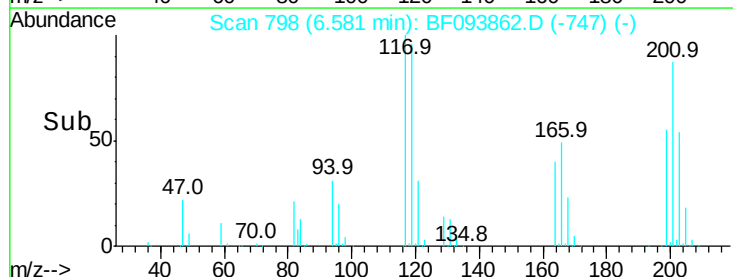


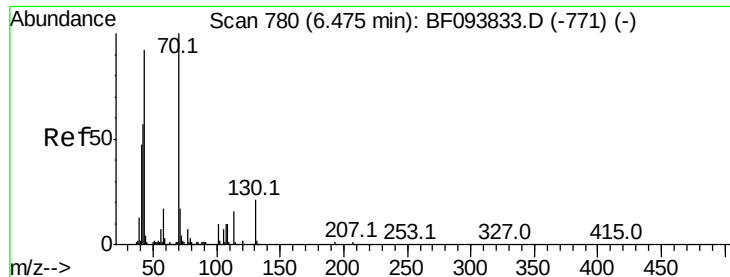
#18
Hexachloroethane
Concen: 48.52 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion:117 Resp: 249100
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
201 86.9 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

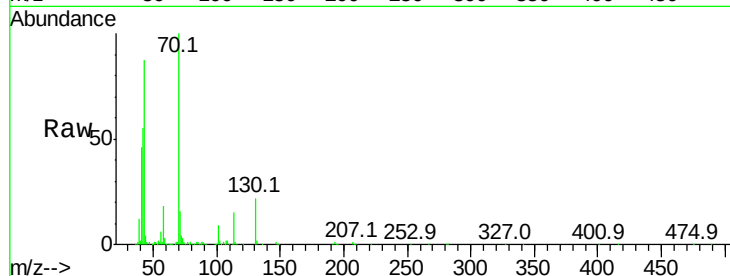




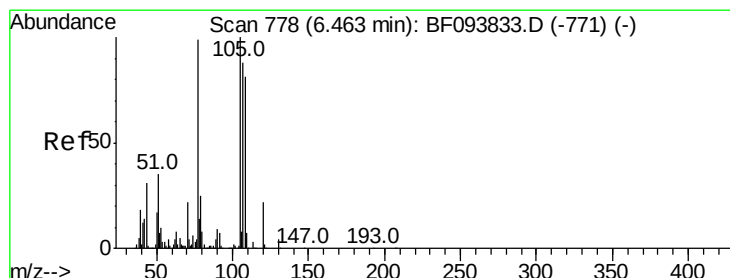
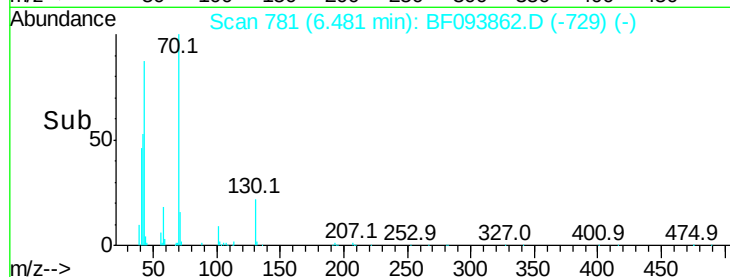
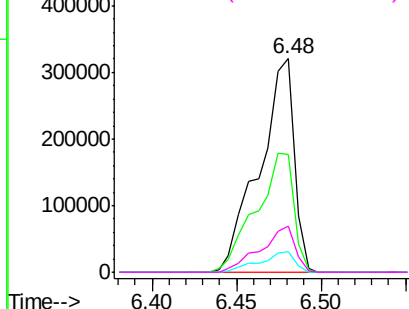
#19
n-Nitroso-di-n-propylamine
Concen: 49.08 ng
RT: 6.48 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMSD

Tot Ion: 70 Resp: 456420
Ion Ratio Lower Upper
70 100
42 55.3 47.2 70.8
101 9.4 7.2 10.8
130 21.6 15.9 23.9

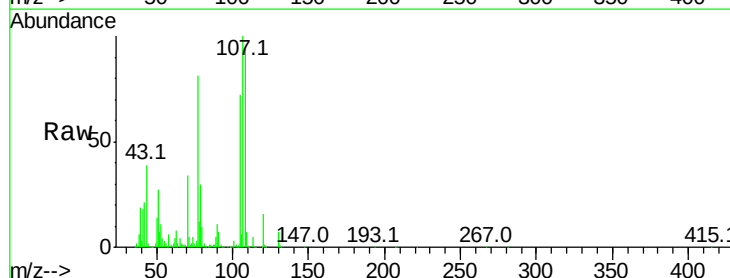


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

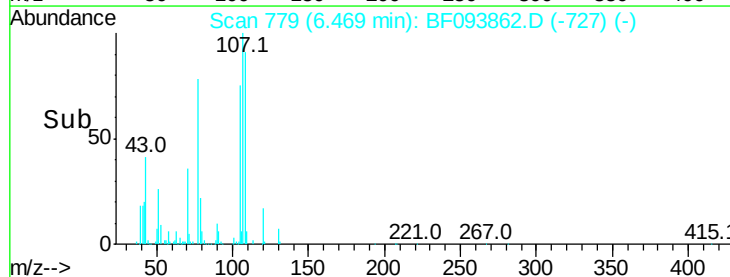
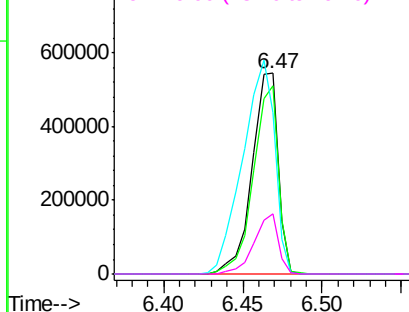


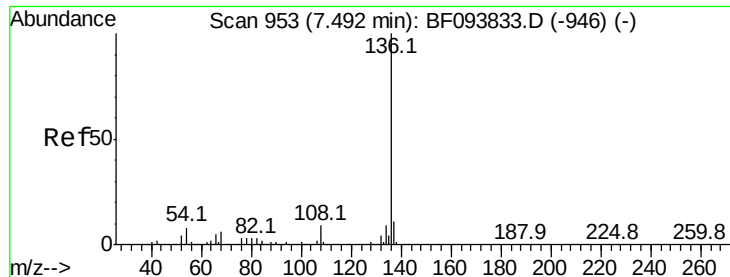
#20
3+4-Methylphenols
Concen: 47.01 ng
RT: 6.47 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion: 107 Resp: 626910
Ion Ratio Lower Upper
107 100
108 93.7 71.0 111.0
77 80.8 90.5 130.5#
79 30.0 8.4 48.4



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

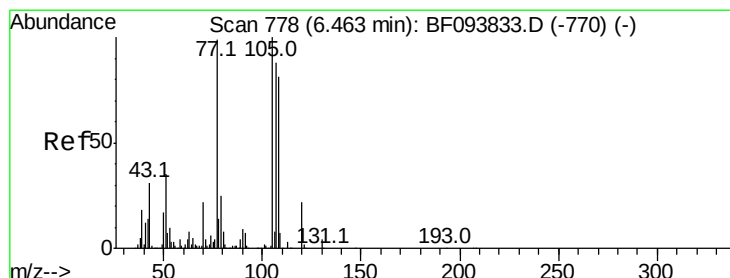
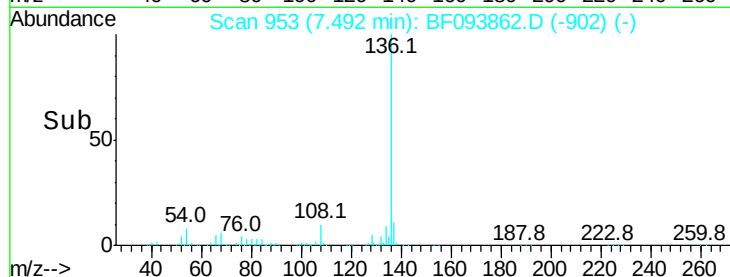
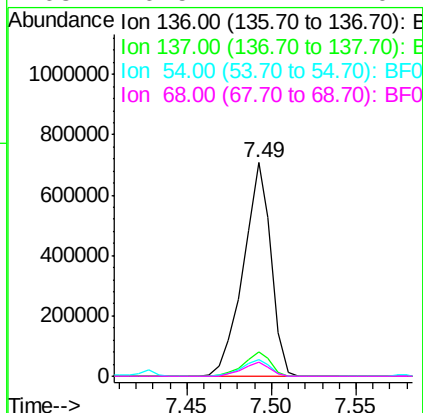
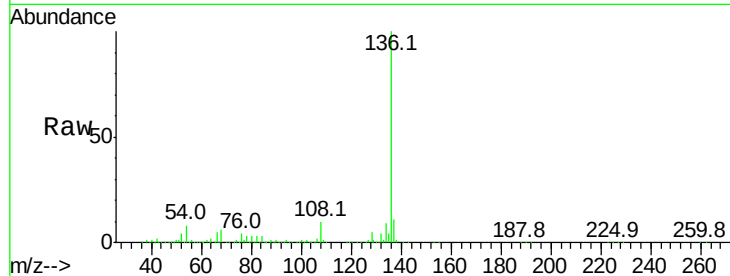




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

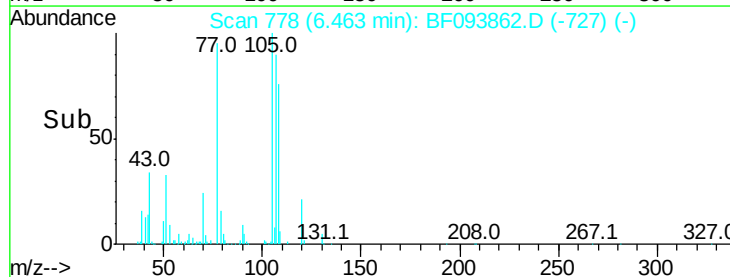
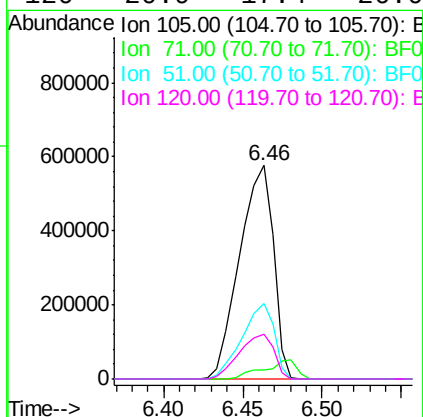
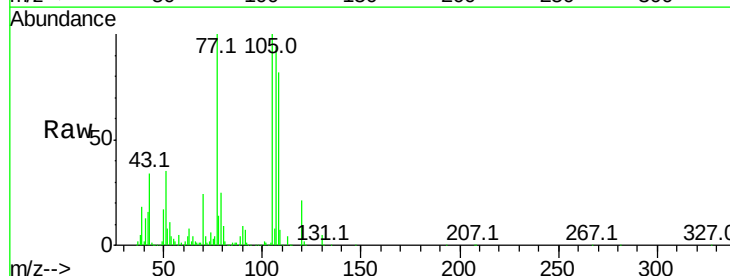
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BAEMSD

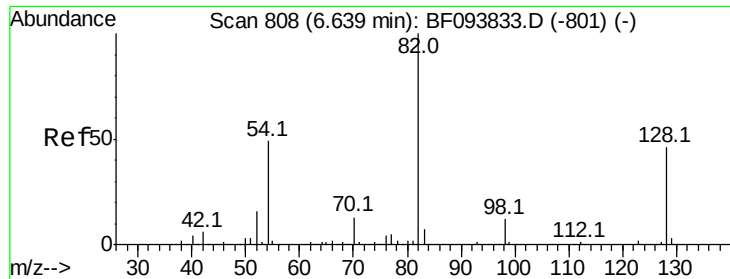
Tot Ion:	136	Resp:	807699
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.1	4.9	7.3#
68	6.5	4.1	6.1#



#22
Acetophenone
Concen: 47.55 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion:	105	Resp:	856013
Ion	Ratio	Lower	Upper
105	100		
71	4.1	2.8	4.2
51	35.4	30.7	46.1
120	20.9	17.4	26.0

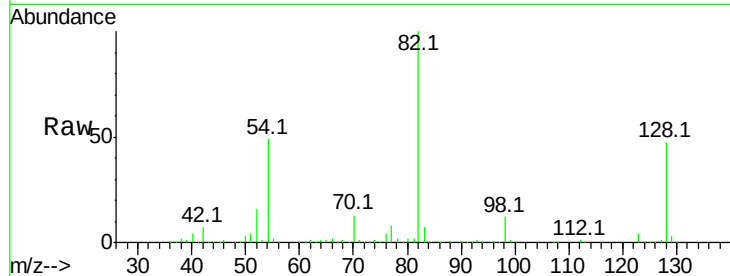




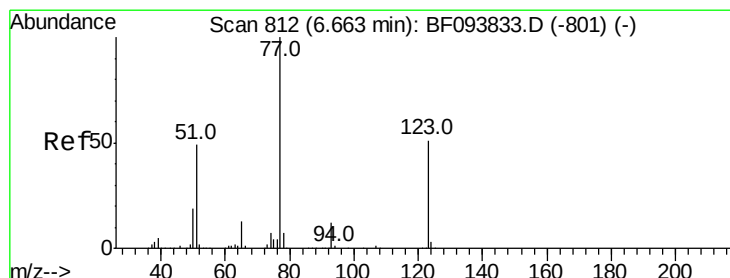
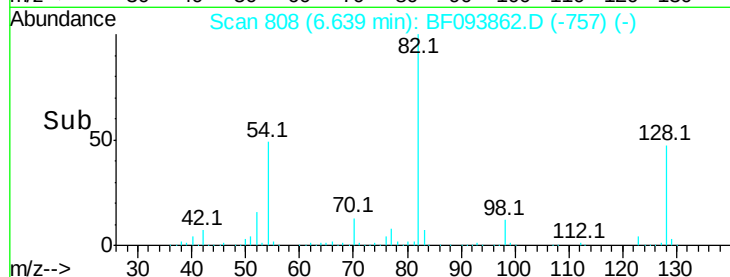
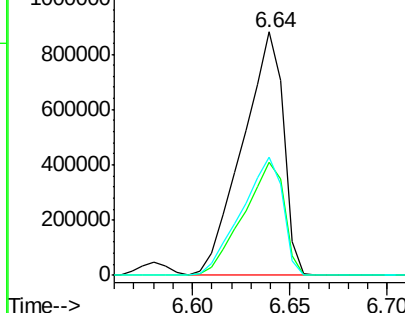
#23
Nitrobenzene-d5
Concen: 90.19 ng
RT: 6.64 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BAEMSD

Tot Ion: 82 Resp: 1276513
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 48.5 42.2 63.2

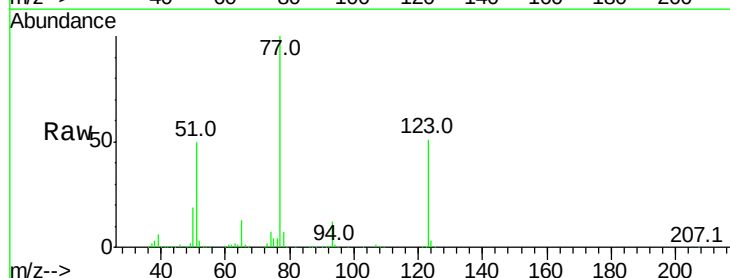


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

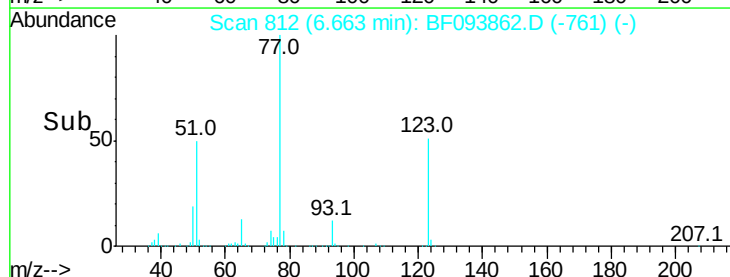
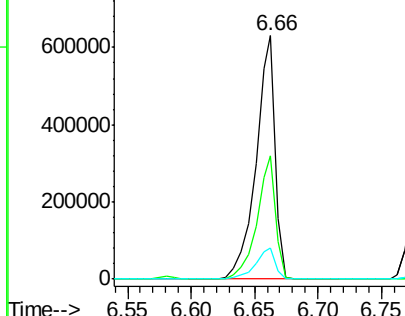


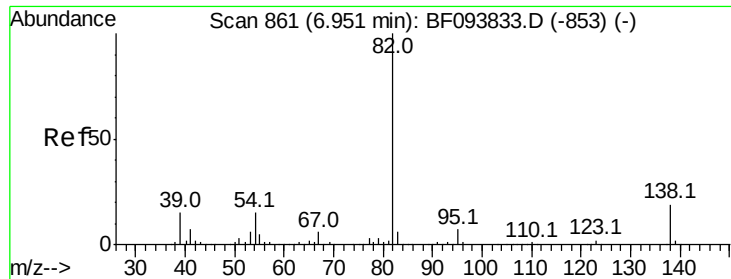
#24
Nitrobenzene
Concen: 47.72 ng
RT: 6.66 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion: 77 Resp: 666093
Ion Ratio Lower Upper
77 100
123 50.5 35.8 53.8
65 13.0 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

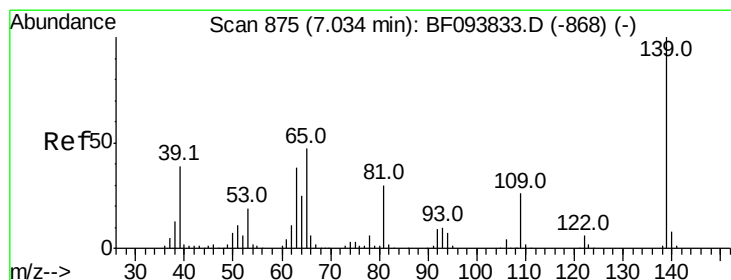
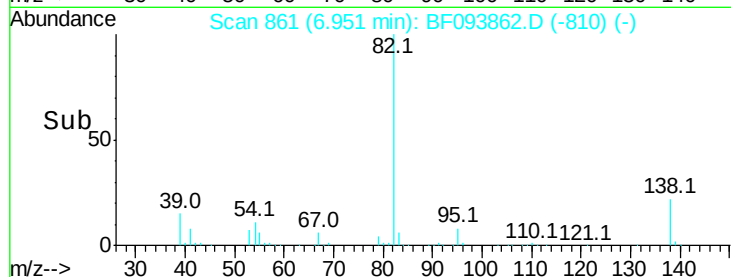
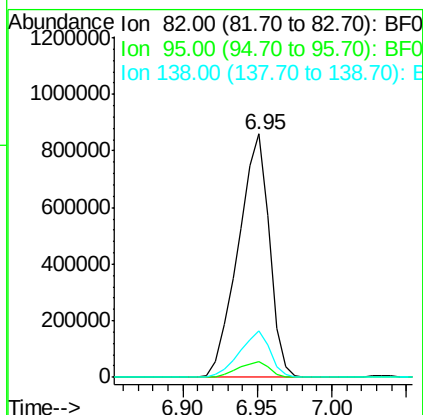
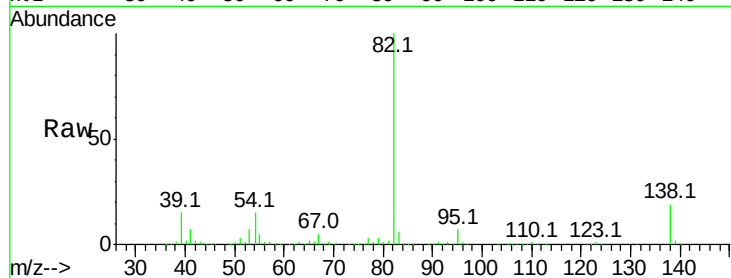




#25
Isophorone
Concen: 50.00 ng
RT: 6.95 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

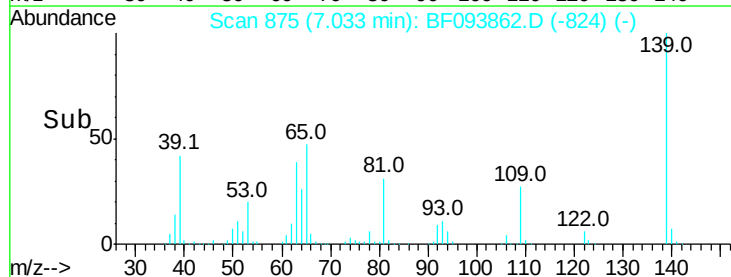
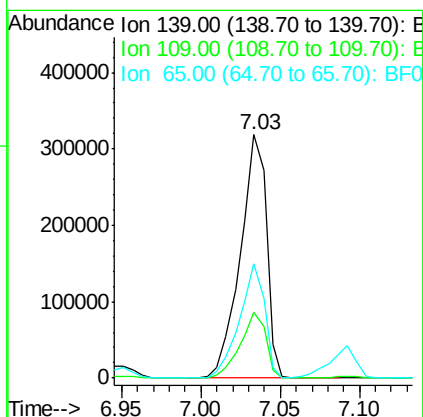
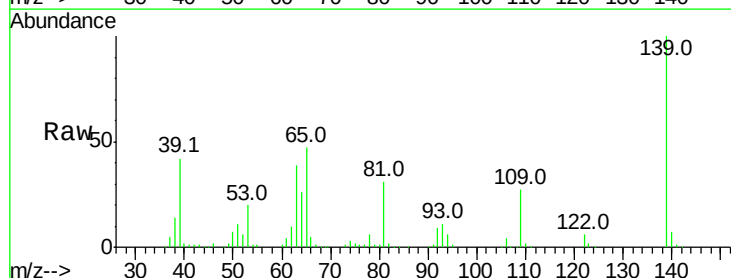
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMSD

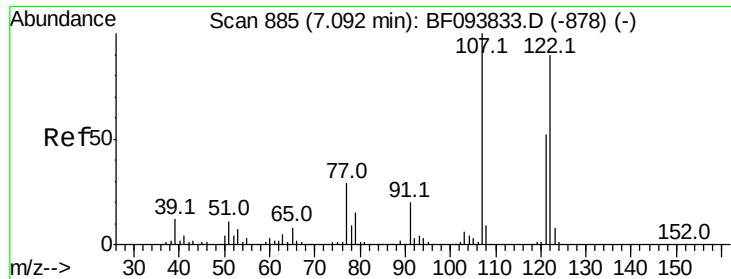
Tot Ion: 82 Resp: 1243528
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 18.9 13.1 19.7



#26
2-Nitrophenol
Concen: 54.72 ng
RT: 7.03 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion: 139 Resp: 364279
Ion Ratio Lower Upper
139 100
109 26.9 21.0 31.6
65 47.0 33.0 49.6

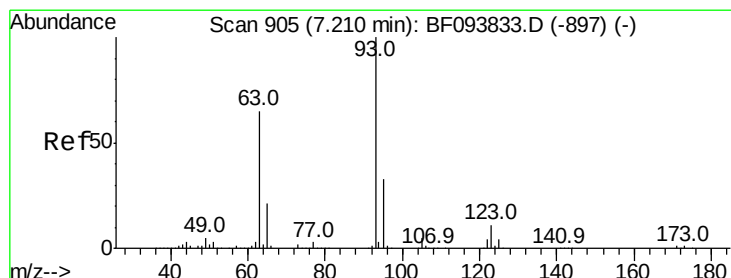
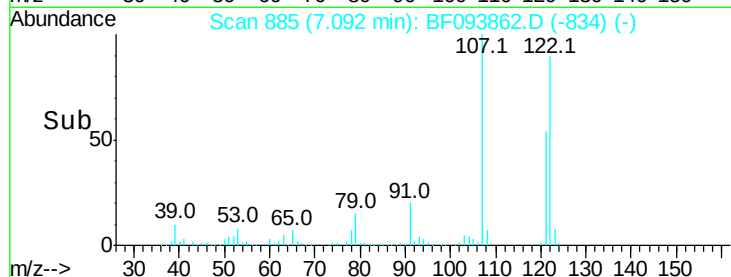
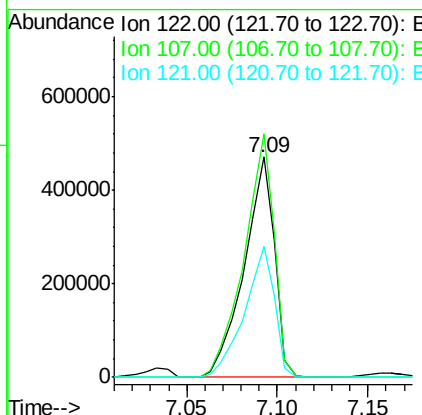
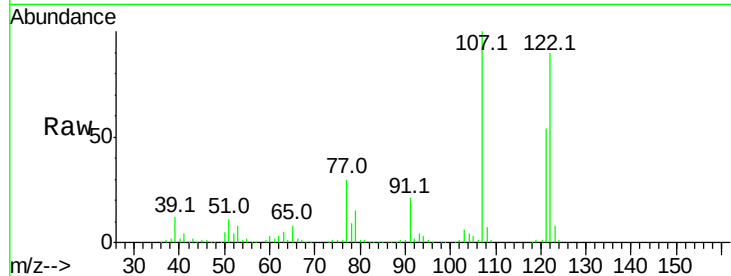




#27
 2,4-Dimethylphenol
 Concen: 47.63 ng
 RT: 7.09 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

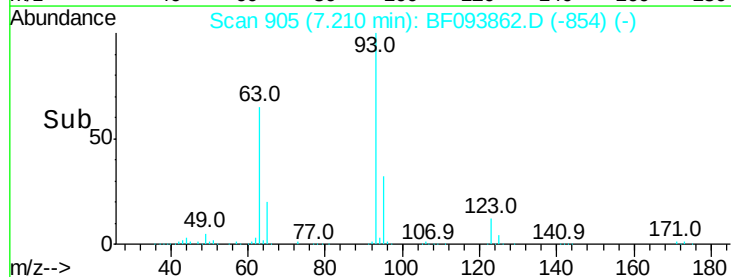
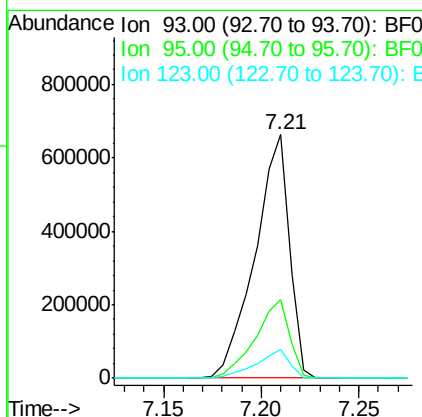
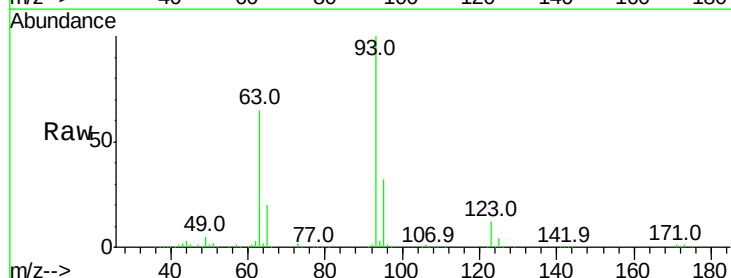
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BAEMSD

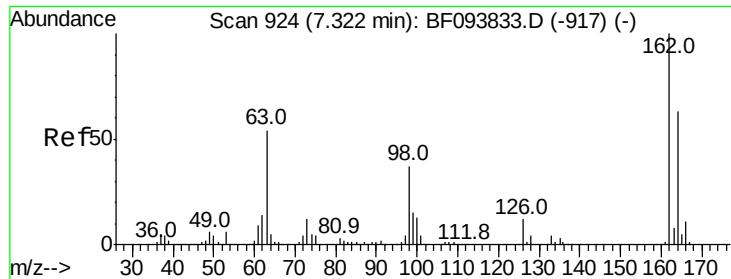
Tot Ion:122 Resp: 546303
 Ion Ratio Lower Upper
 122 100
 107 110.5 89.2 133.8
 121 59.5 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.34 ng
 RT: 7.21 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion: 93 Resp: 809137
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 11.5 9.0 13.4

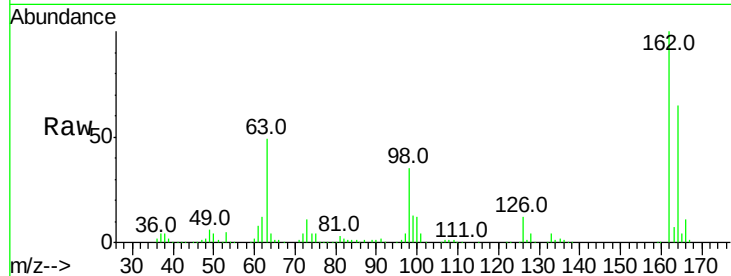




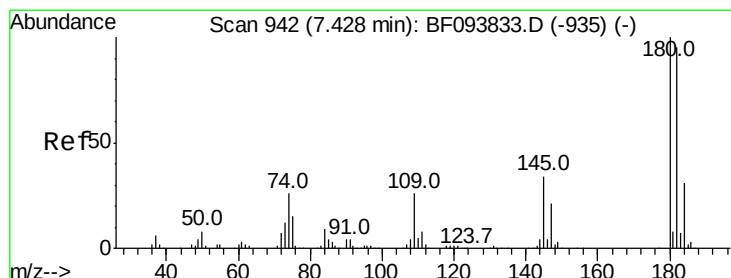
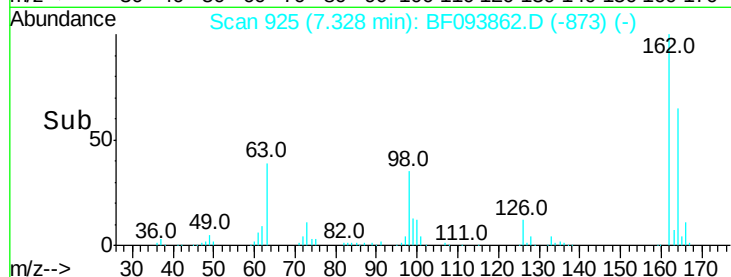
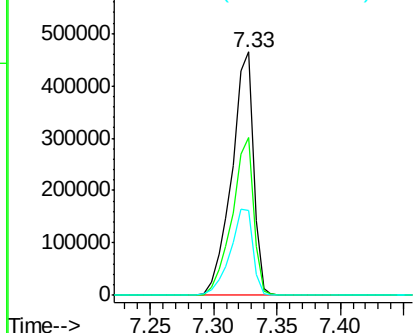
#29
 2,4-Dichlorophenol
 Concen: 51.43 ng
 RT: 7.33 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BAEMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.6	84.6
98	34.8	14.8	54.8

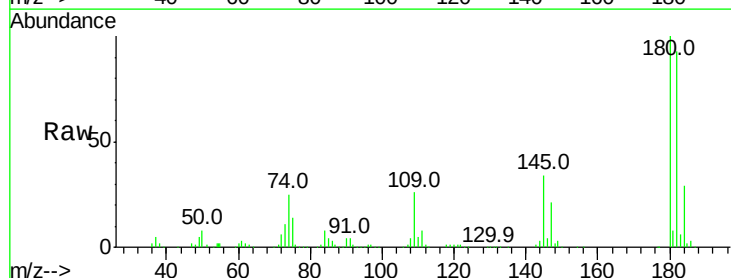


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

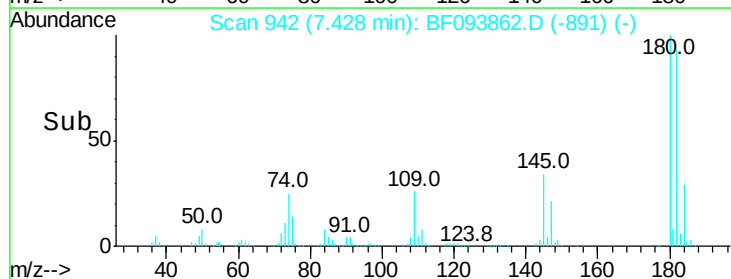
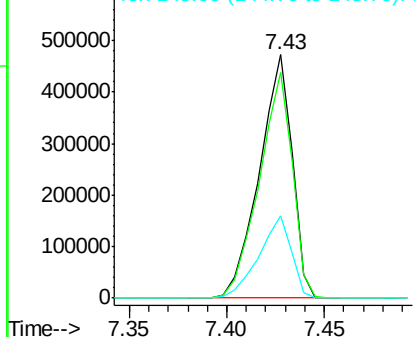


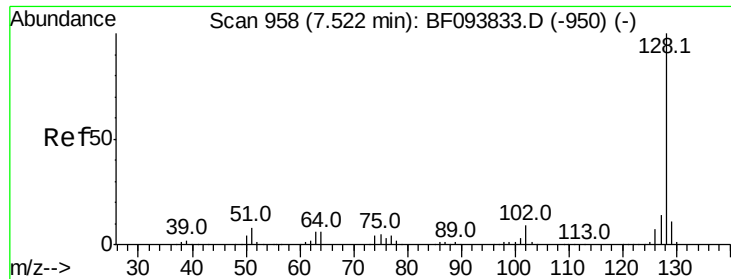
#30
 1,2,4-Trichlorobenzene
 Concen: 49.63 ng
 RT: 7.43 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.8	113.6
145	33.6	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

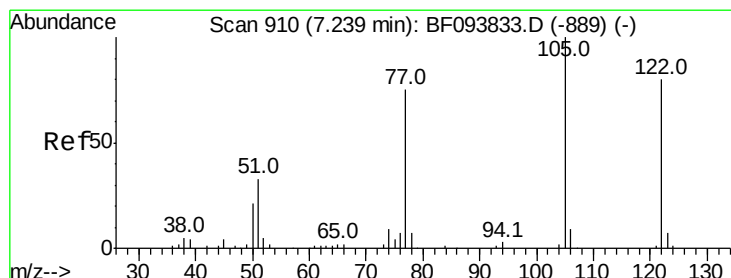
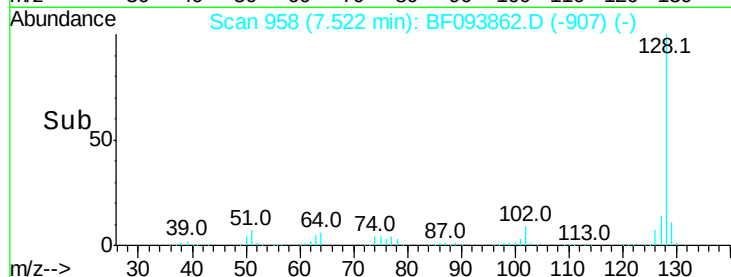
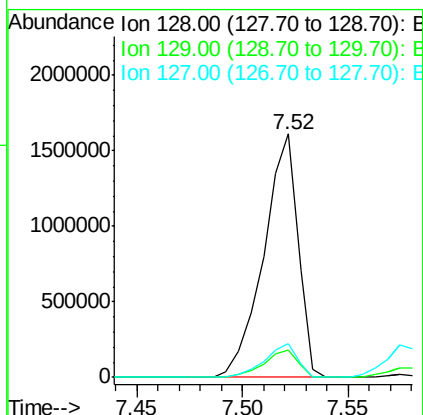
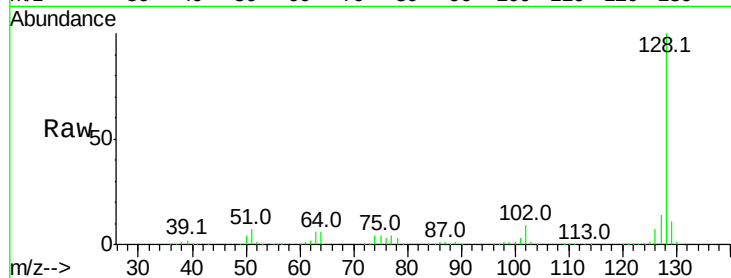




#31
Naphthalene
Concen: 47.01 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

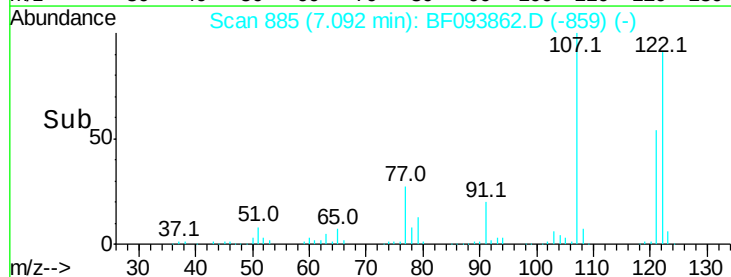
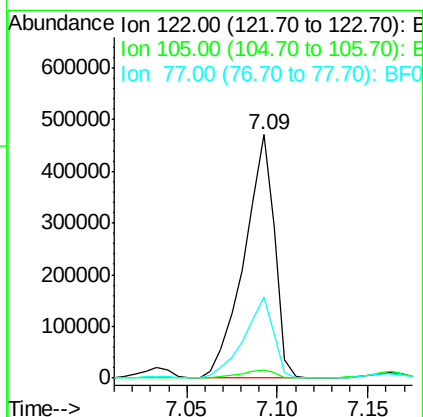
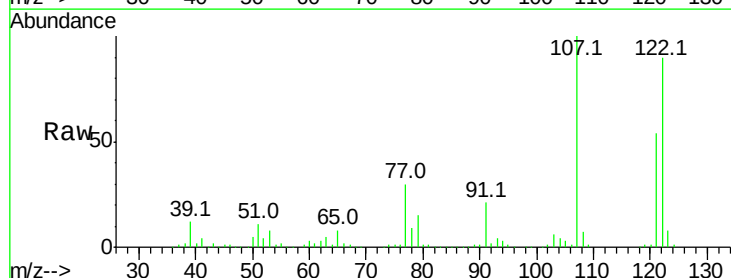
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BAEMSD

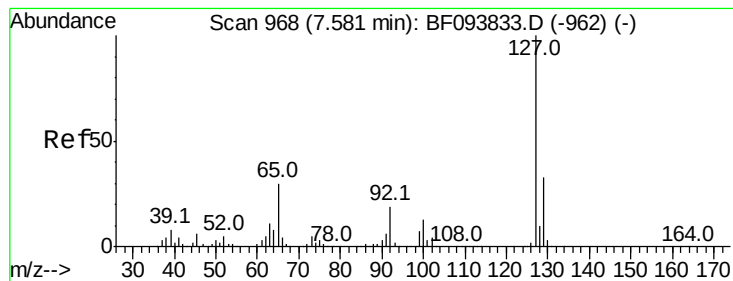
Tot Ion:128 Resp: 1825546
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 71.55 ng
RT: 7.09 min Scan# 885
Delta R.T. -0.15 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion:122 Resp: 546303
Ion Ratio Lower Upper
122 100
105 3.5 103.3 143.3#
77 33.1 73.7 113.7#





#33

4-Chloroaniline

Concen: 16.62 ng

RT: 7.57 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMSD

Tot Ion:127 Resp: 261584

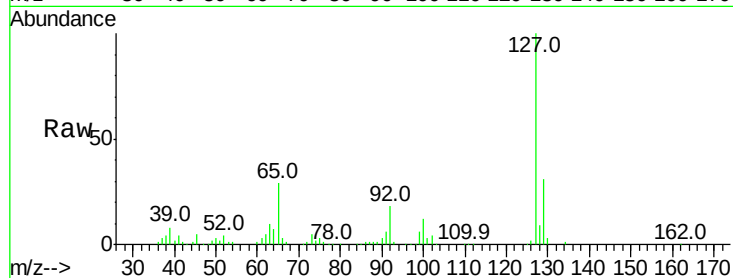
Ion Ratio Lower Upper

127 100

129 30.6 26.2 39.2

65 28.9 27.8 41.8

92 18.1 16.8 25.2

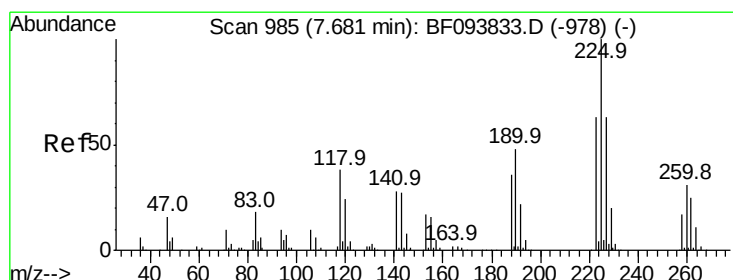
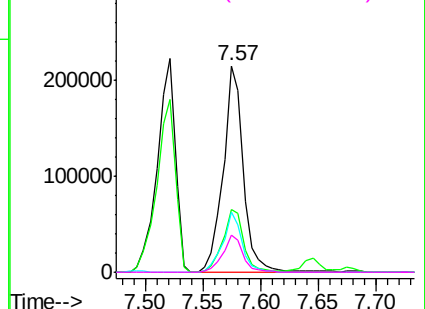
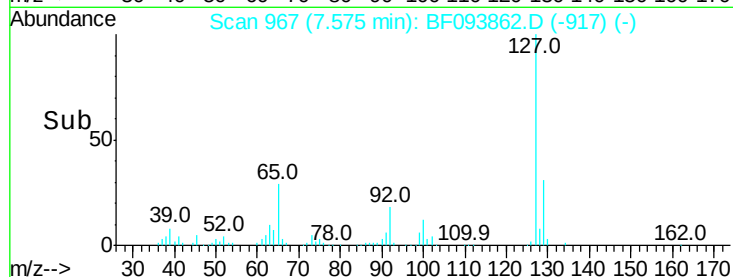


Abundance Ion 127.00 (126.70 to 127.70): E

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: 48.90 ng

RT: 7.67 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

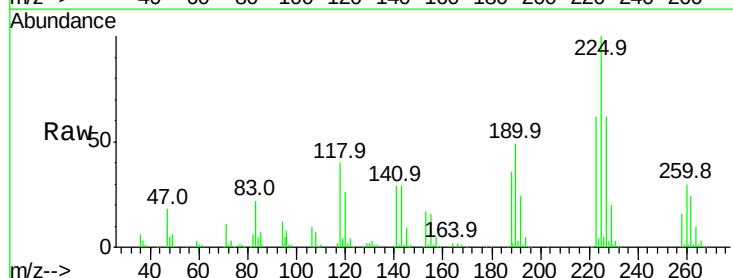
Tgt Ion:225 Resp: 276987

Ion Ratio Lower Upper

225 100

223 62.3 48.8 73.2

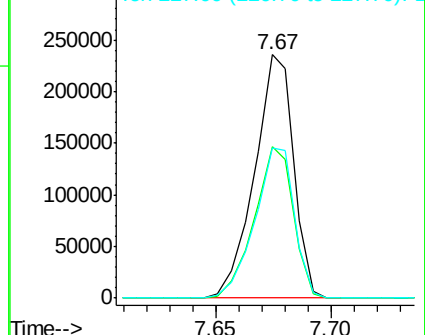
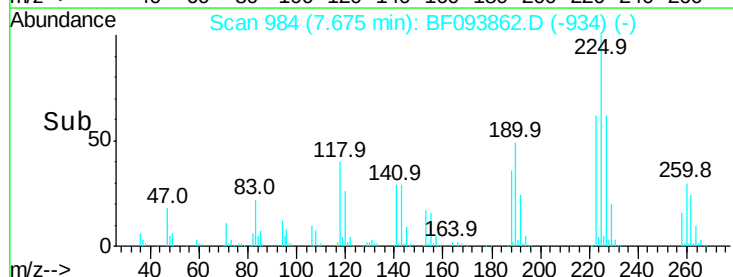
227 61.7 51.1 76.7

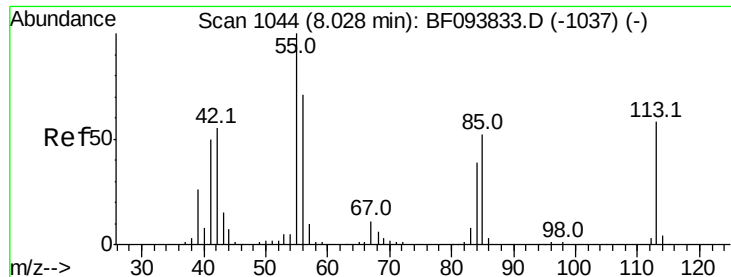


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

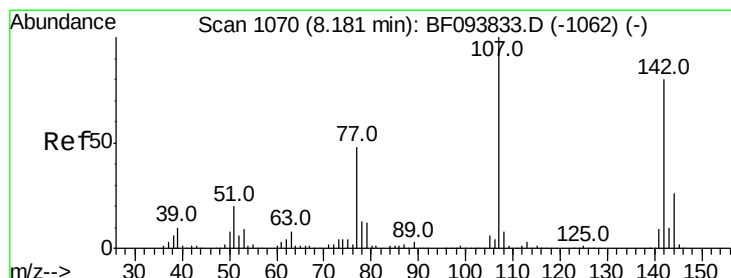
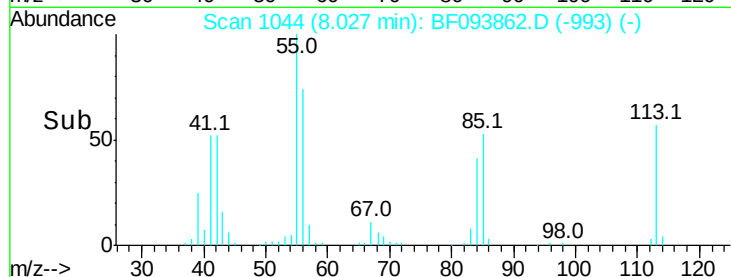
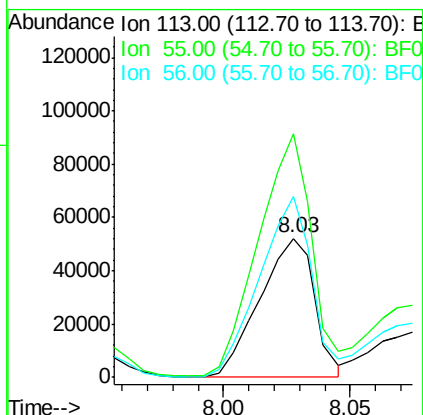
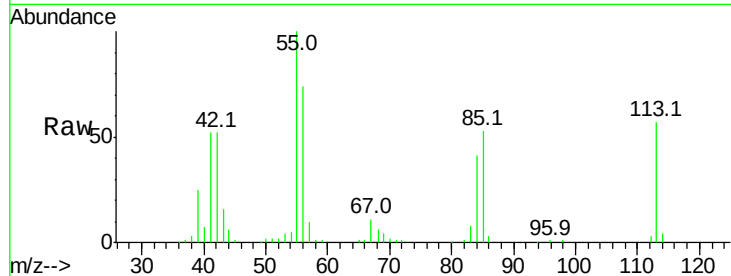




#35
 Caprolactam
 Concen: 23.12 ng
 RT: 8.03 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

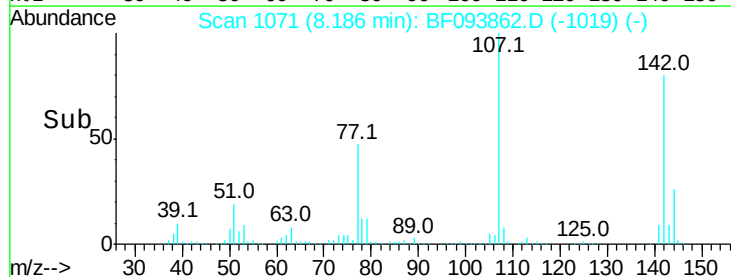
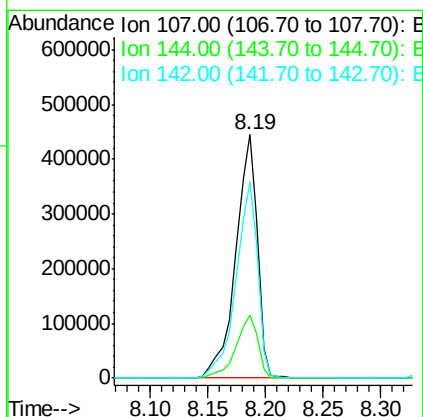
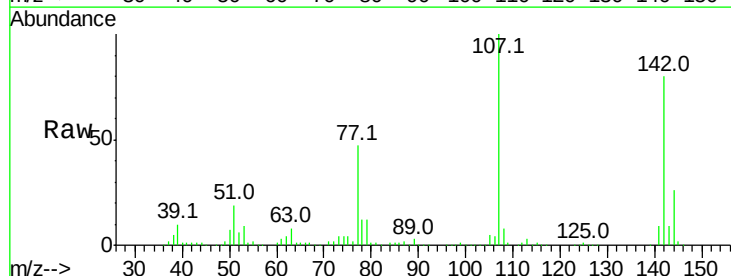
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BAEMSD

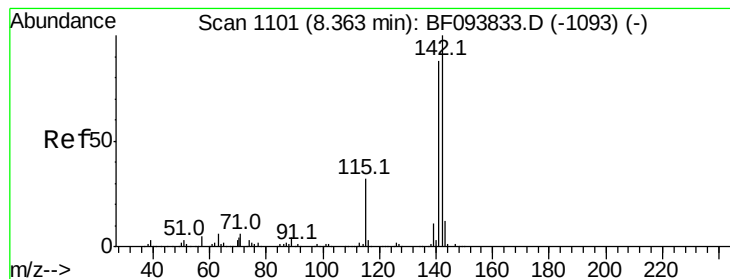
Tot Ion:113 Resp: 79068
 Ion Ratio Lower Upper
 113 100
 55 174.9 150.2 190.2
 56 129.7 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 51.58 ng
 RT: 8.19 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion:107 Resp: 578038
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 80.4 73.4 110.0





#37

2-Methylnaphthalene

Concen: 49.23 ng

RT: 8.36 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMSD

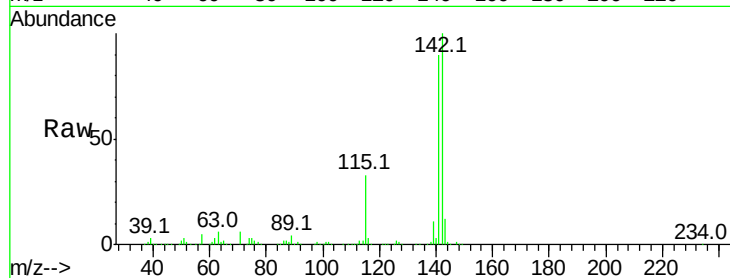
Tot Ion:142 Resp: 1274590

Ion Ratio Lower Upper

142 100

141 89.5 71.3 106.9

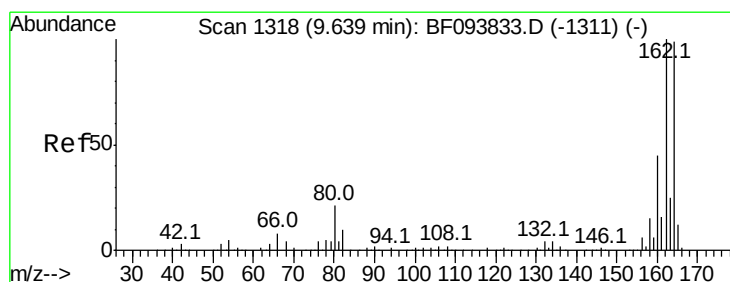
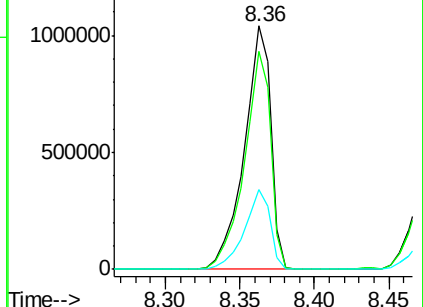
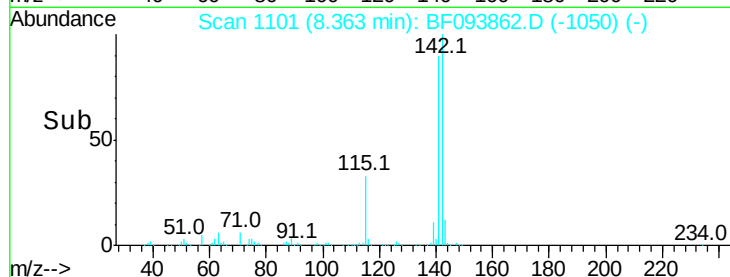
115 32.6 27.1 40.7



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: BF093862.D

Acq: 23 Mar 2017 5:24

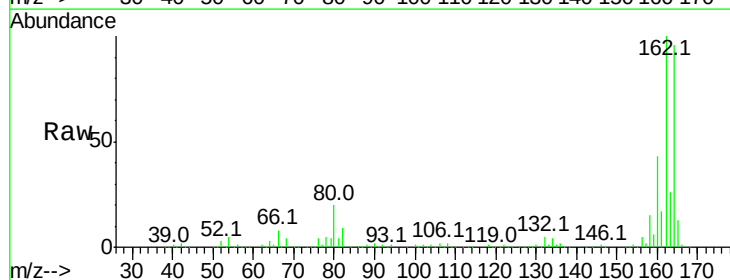
Tgt Ion:164 Resp: 366899

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

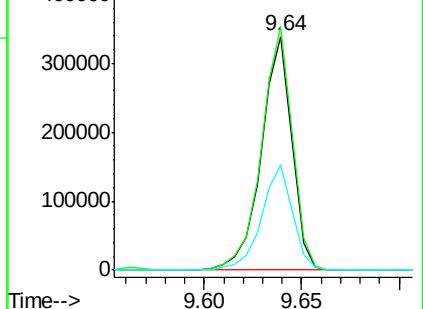
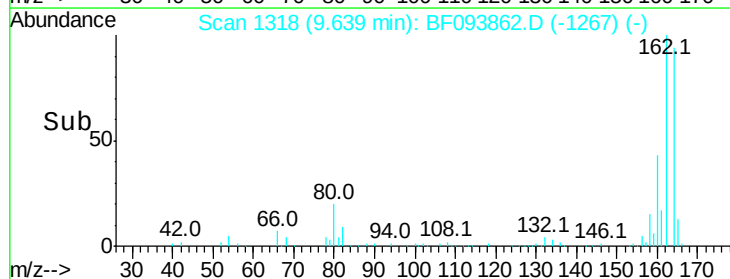
160 45.1 36.2 54.2

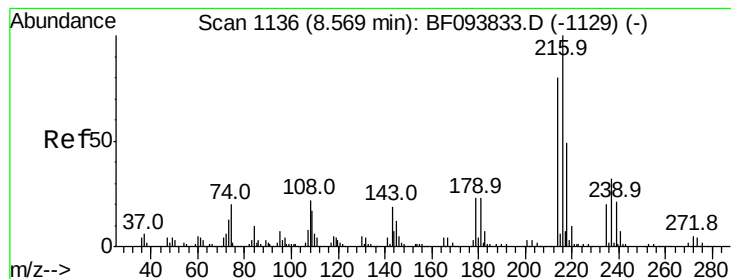


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.34 ng

RT: 8.57 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMSD

Tot Ion:216 Resp: 455117

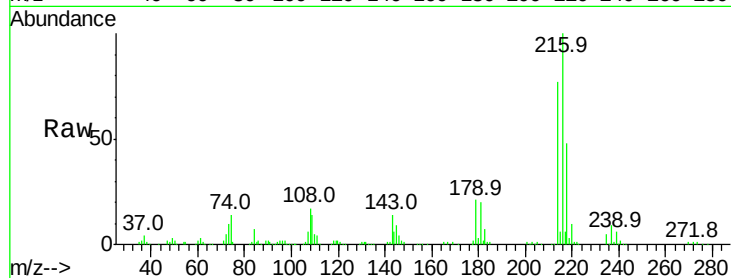
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.2

179 21.8 17.9 26.9

108 22.4 16.5 24.7

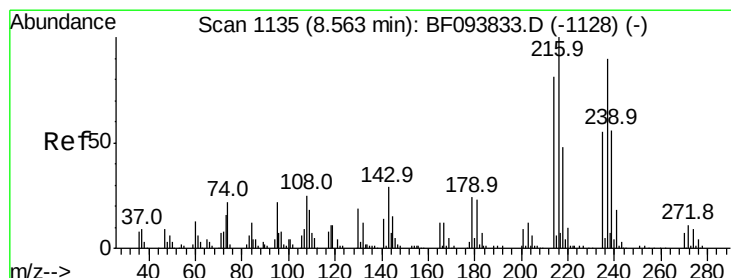
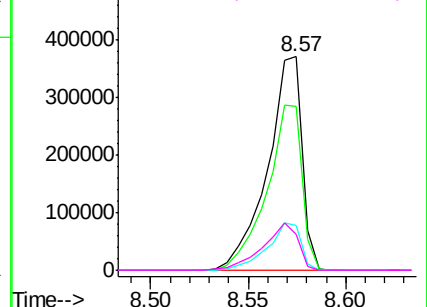
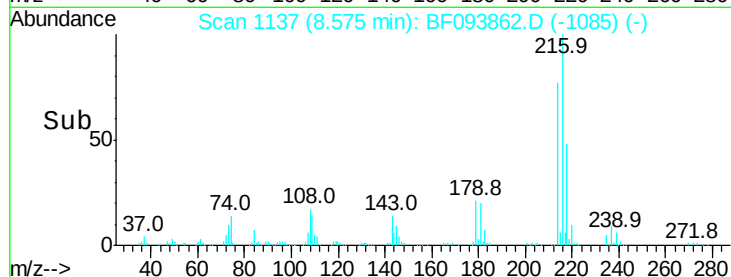


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.24 ng

RT: 8.56 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

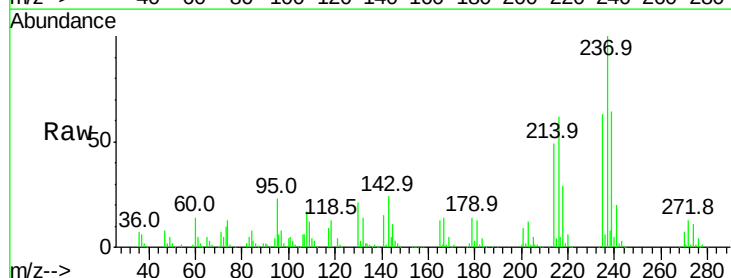
Tgt Ion:237 Resp: 409733

Ion Ratio Lower Upper

237 100

235 62.8 42.6 82.6

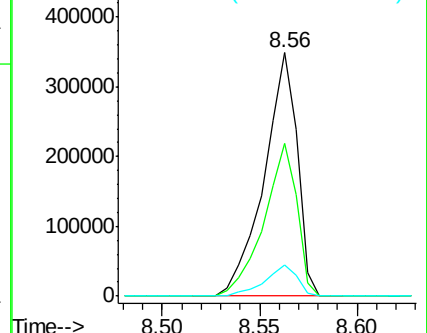
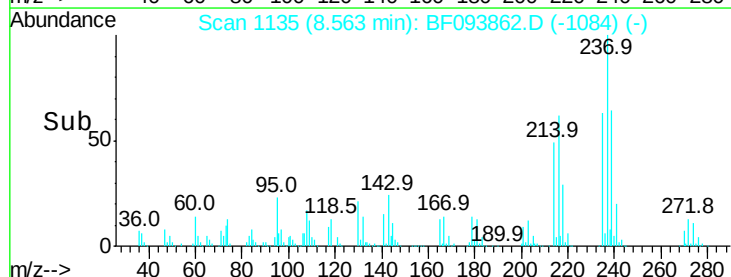
272 12.9 0.0 31.9

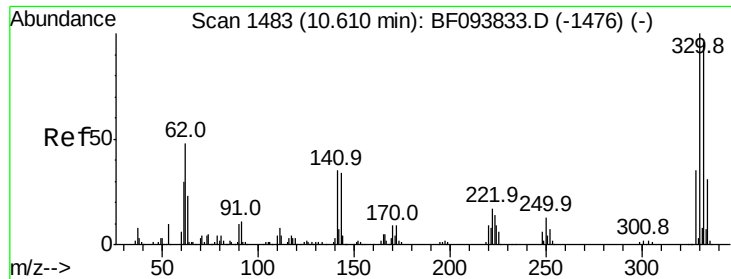


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

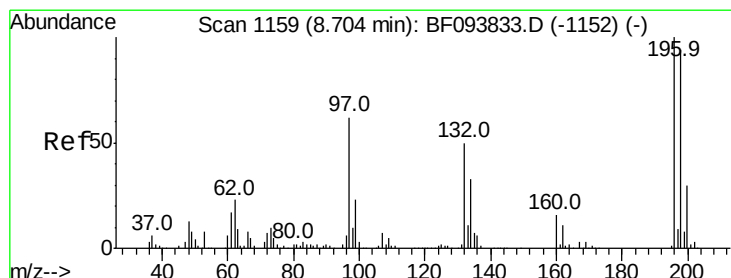
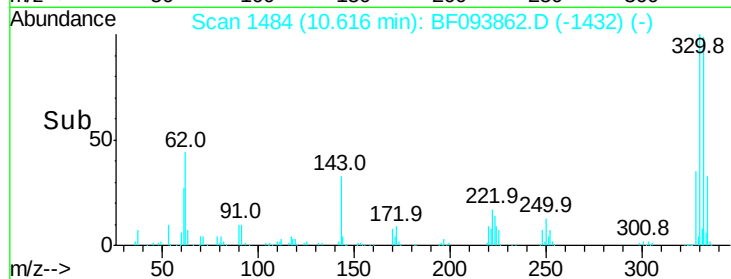
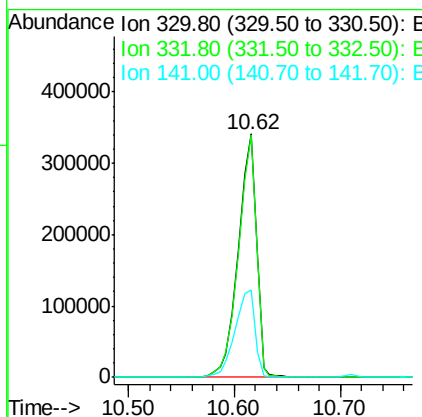
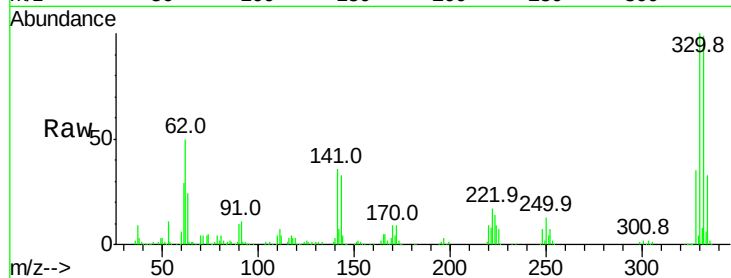




#41
 2,4,6-Tribromophenol
 Concen: 139.73 ng
 RT: 10.62 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

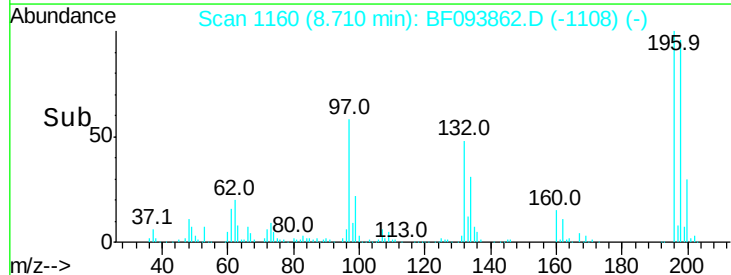
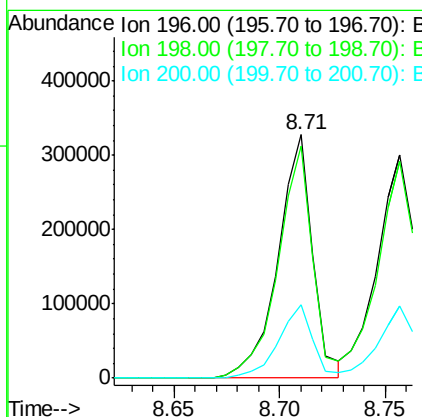
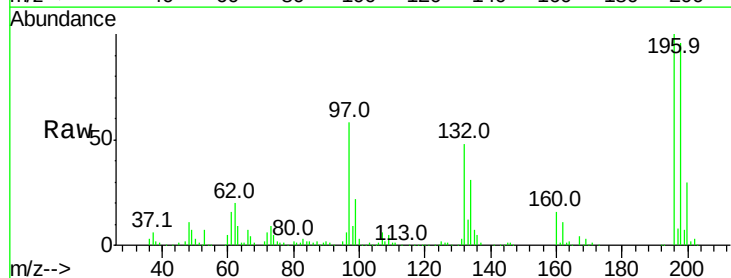
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMSD

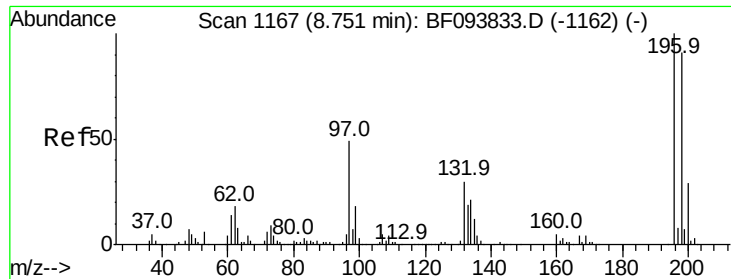
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	39.4	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 52.55 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.2	111.4
200	30.1	24.0	36.0

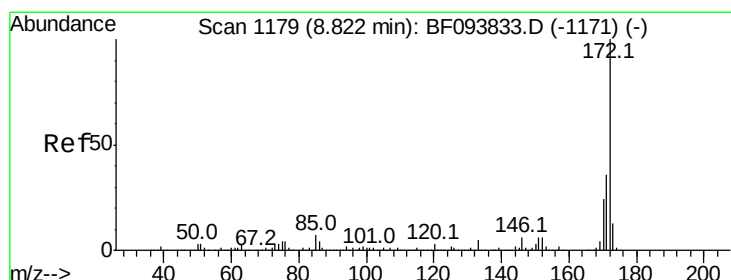
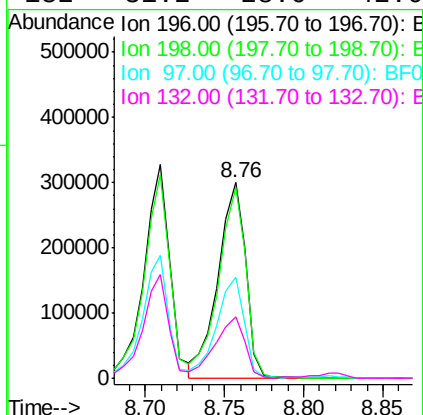
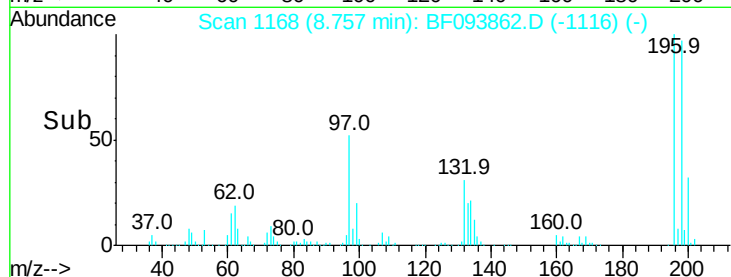
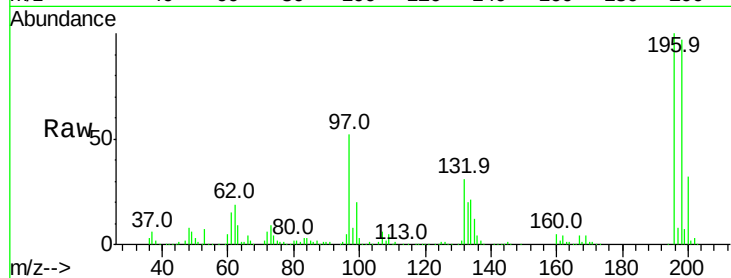




#43
 2,4,5-Trichlorophenol
 Concen: 47.67 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

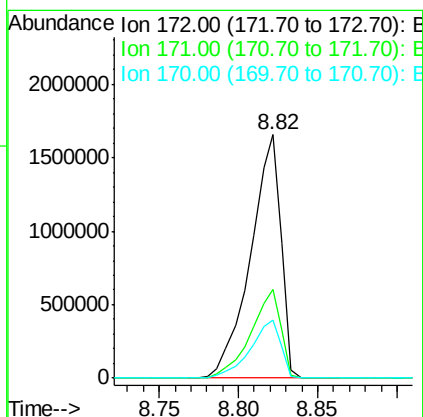
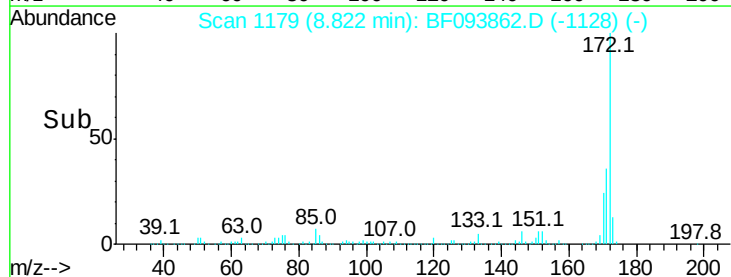
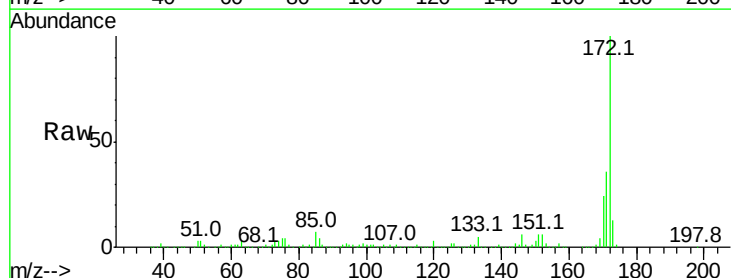
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMSD

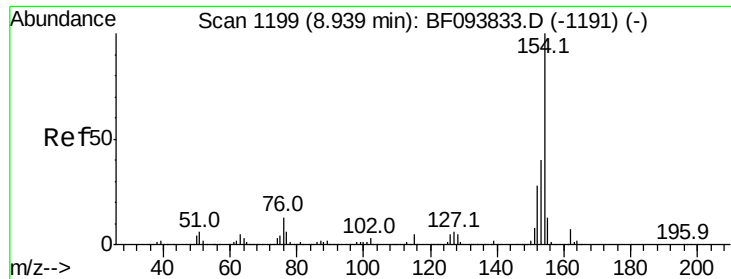
Tot Ion:	196	Resp:	366278
Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.7	113.5
97	51.6	47.7	71.5
132	31.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 91.91 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion:	172	Resp:	2210992
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.1	19.8	29.8



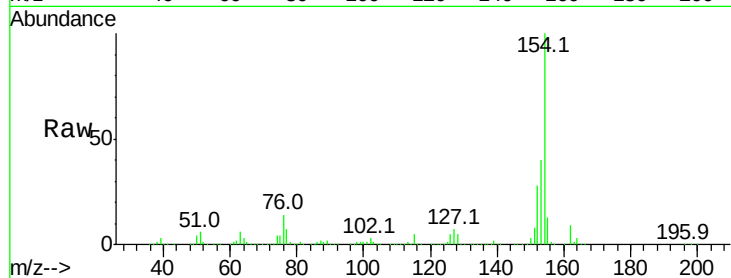


#45
 1,1'-Biphenyl
 Concen: 46.83 ng
 RT: 8.94 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

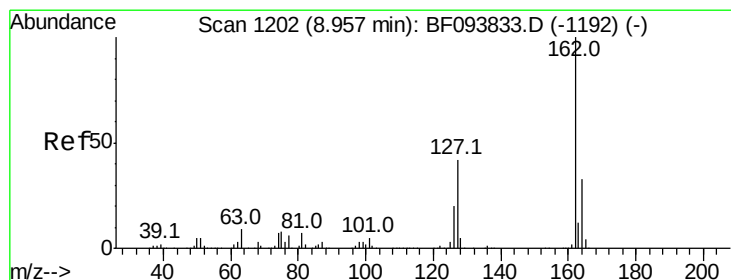
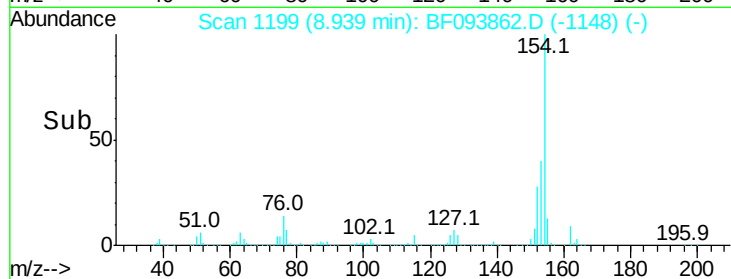
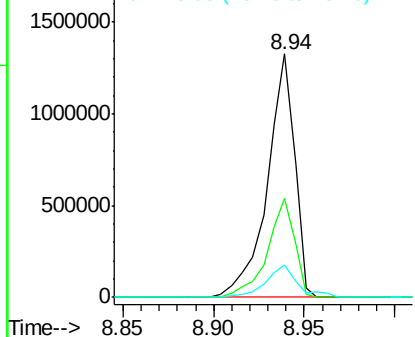
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BAEMSD

Tot Ion:154 Resp: 1385893

Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	13.6	0.0	29.9



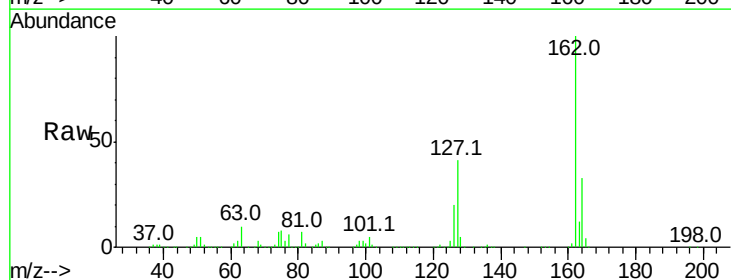
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



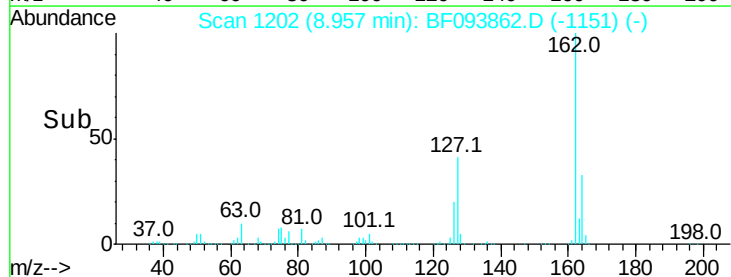
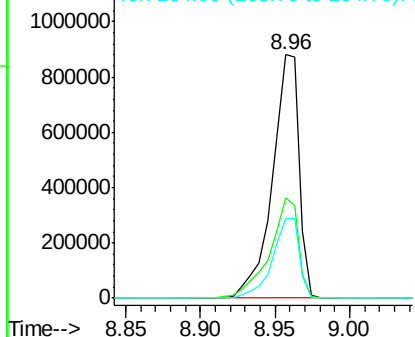
#46
 2-Chloronaphthalene
 Concen: 47.46 ng
 RT: 8.96 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

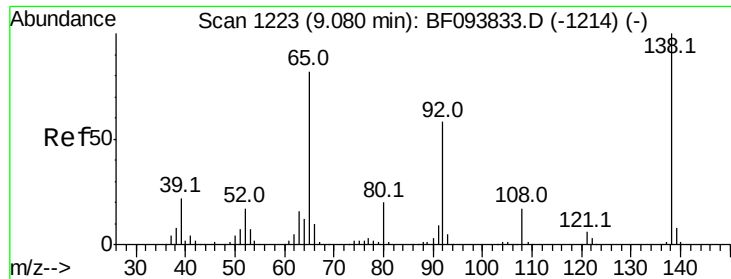
Tgt Ion:162 Resp: 1099489

Ion	Ratio	Lower	Upper
162	100		
127	41.2	28.3	42.5
164	33.0	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

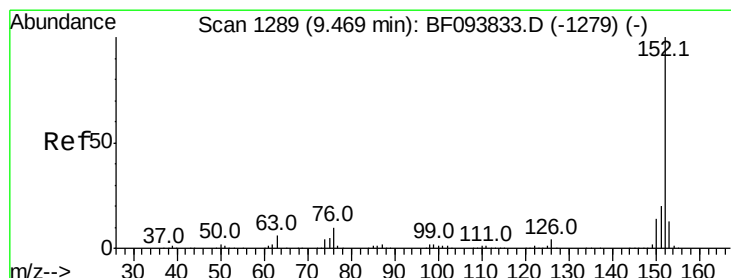
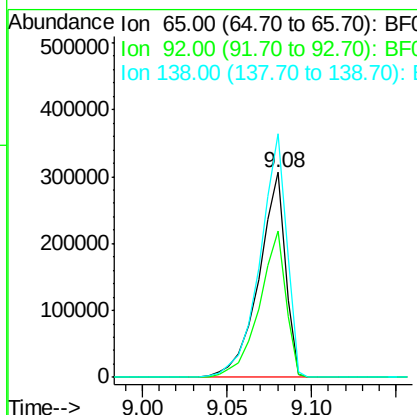
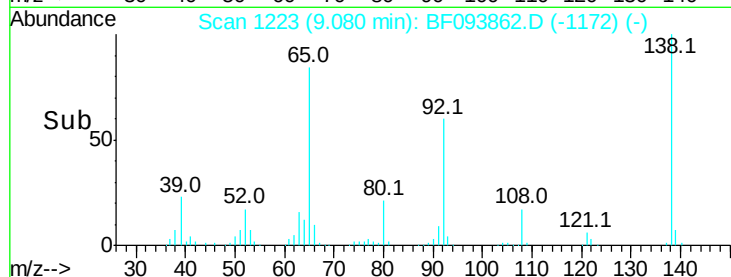
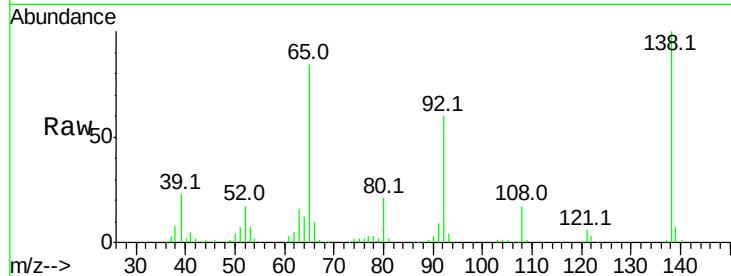




#47
 2-Nitroaniline
 Concen: 48.58 ng
 RT: 9.08 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

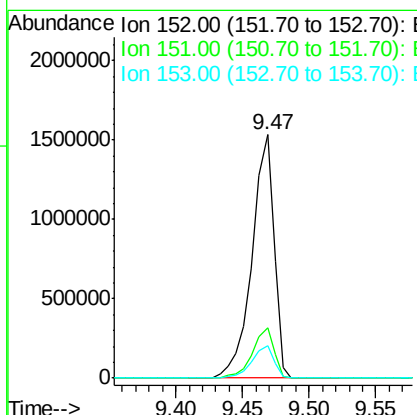
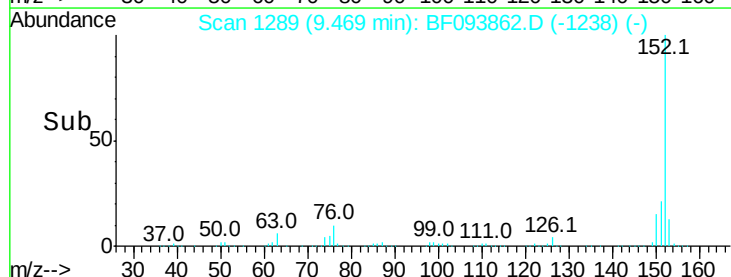
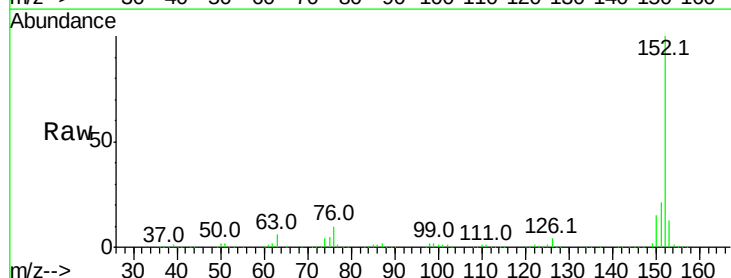
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMSD

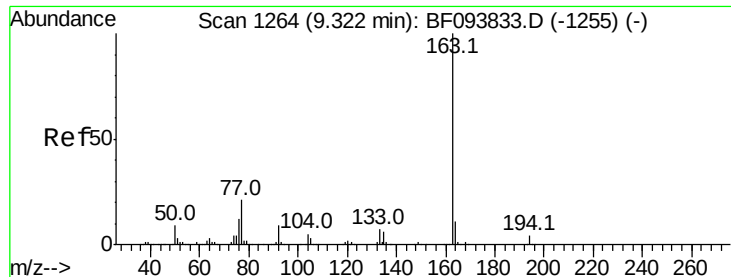
Tot Ion: 65 Resp: 333849
 Ion Ratio Lower Upper
 65 100
 92 71.5 53.9 80.9
 138 118.9 78.8 118.2#



#48
 Acenaphthylene
 Concen: 44.90 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion:152 Resp: 1728652
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.3 10.8 16.2

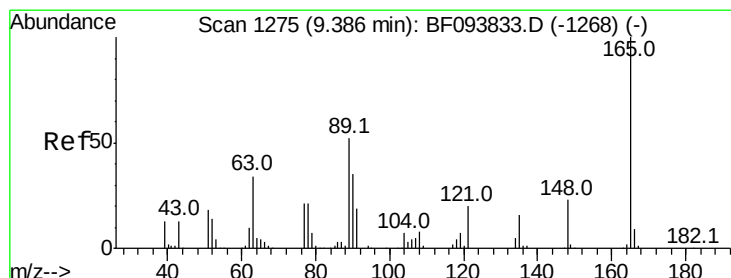
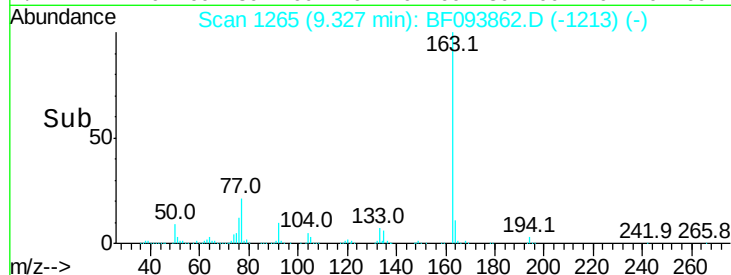
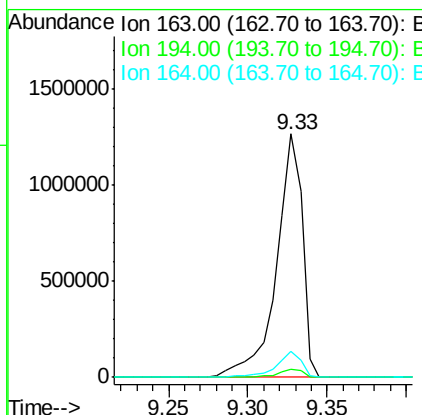
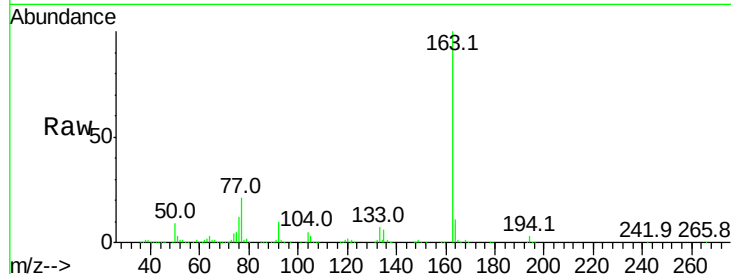




#49
Dimethylphthalate
Concen: 55.03 ng
RT: 9.33 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

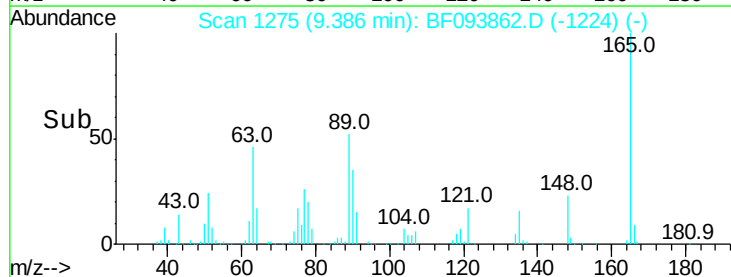
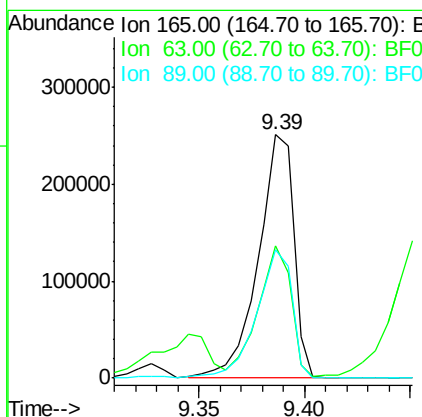
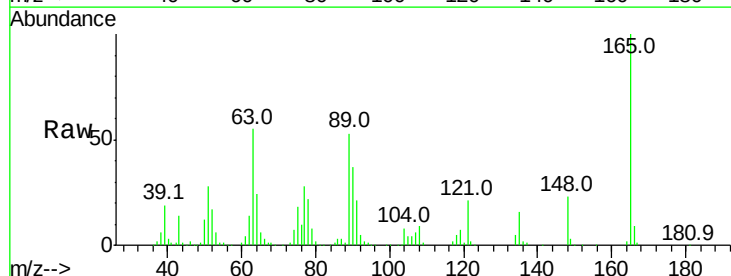
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BAEMSD

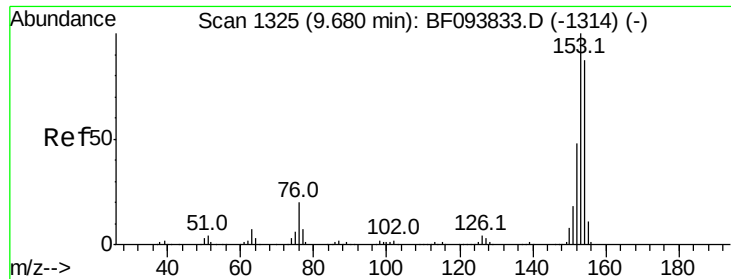
Tot Ion:163 Resp: 1435332
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.5 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 49.12 ng
RT: 9.39 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion:165 Resp: 293687
Ion Ratio Lower Upper
165 100
63 54.5 34.3 51.5#
89 52.7 37.1 55.7





#51

Acenaphthene

Concen: 45.65 ng

RT: 9.68 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BAEMSD

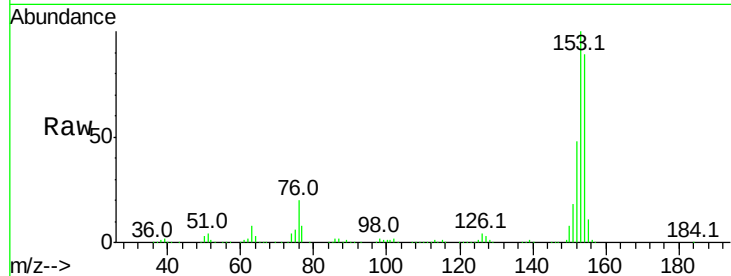
Tot Ion:154 Resp: 1025438

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

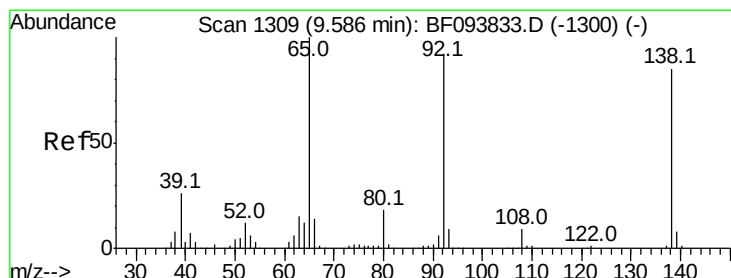
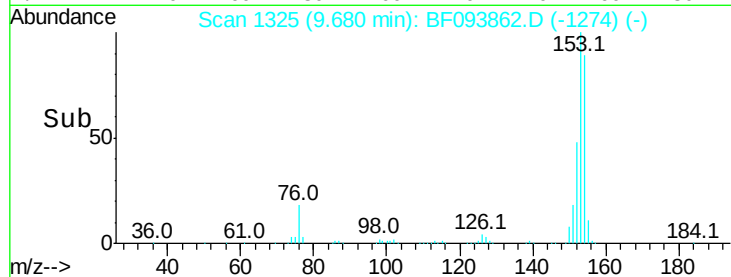
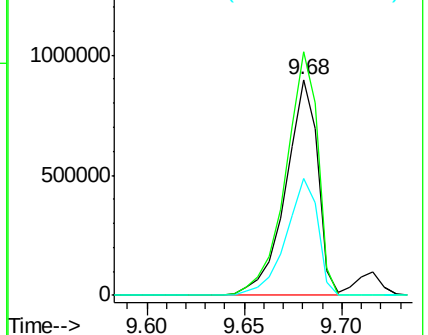
152 54.4 43.6 65.4



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: 27.23 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

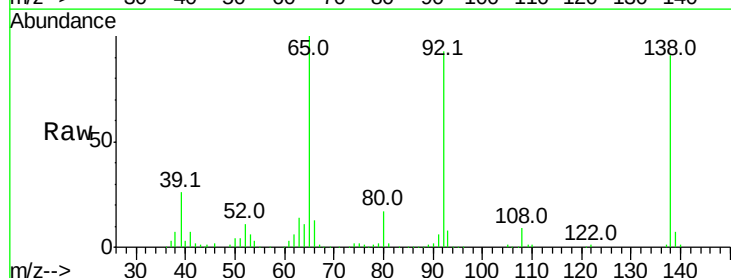
Tgt Ion:138 Resp: 191184

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

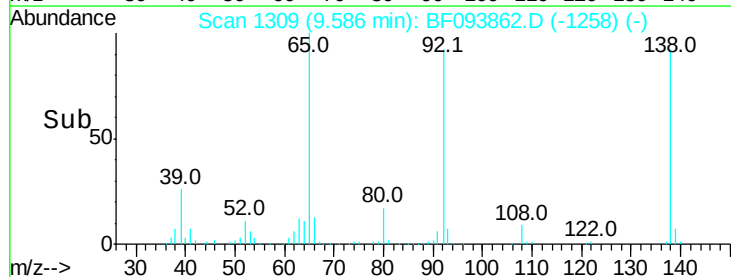
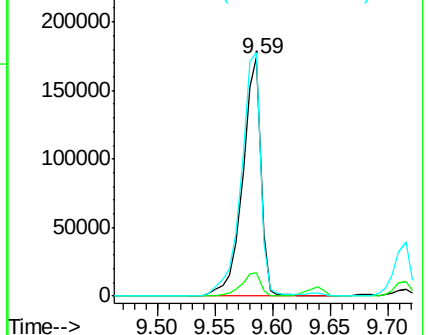
92 102.2 93.8 140.6

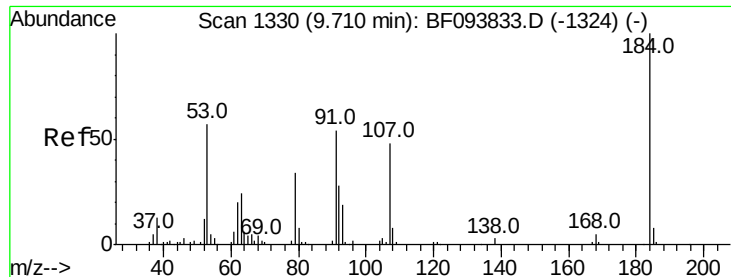


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

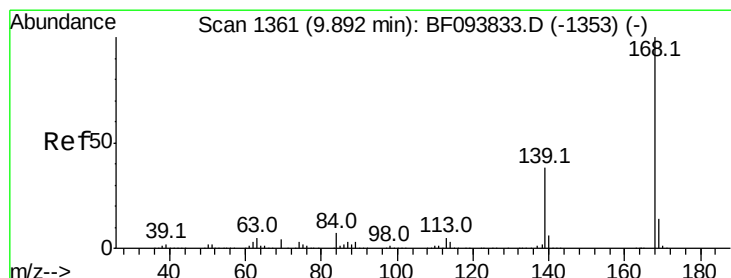
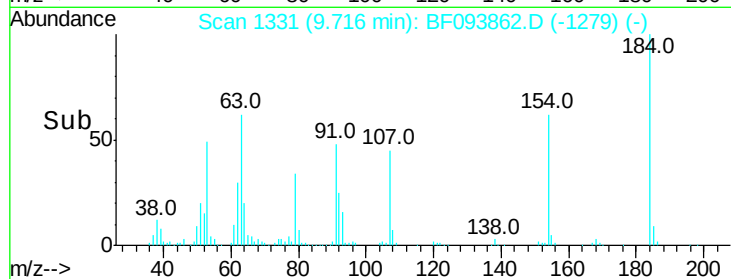
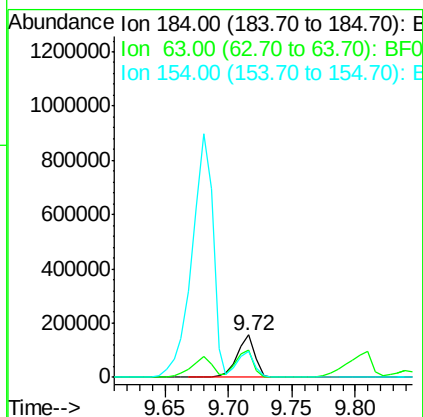
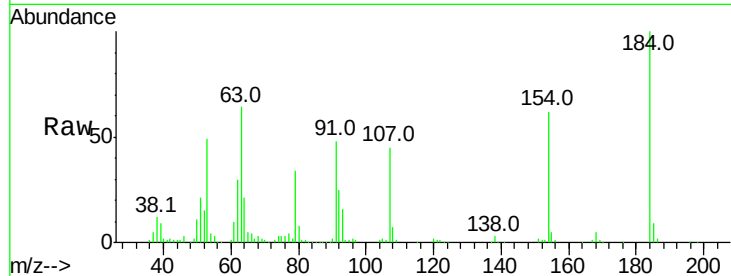




#53
 2,4-Dinitrophenol
 Concen: 48.52 ng
 RT: 9.72 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

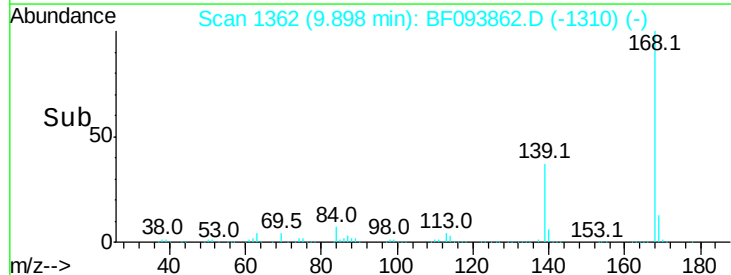
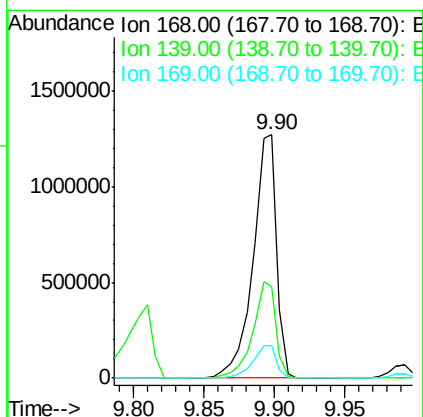
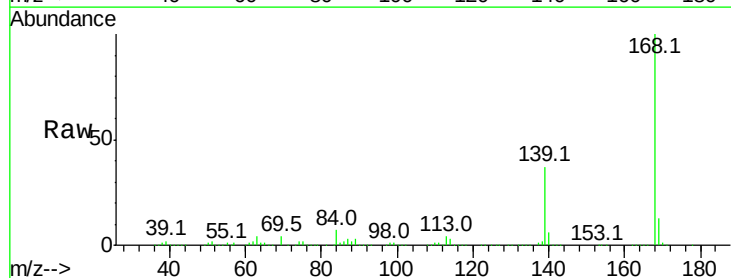
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BAEMSD

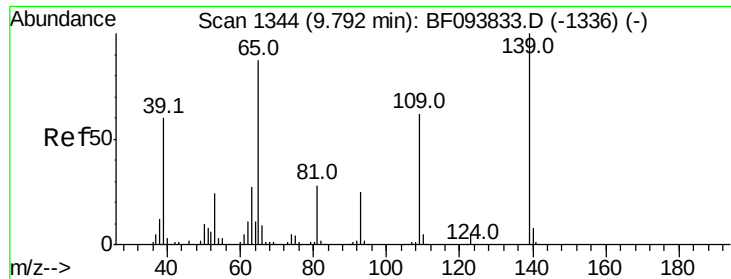
Tot Ion:184 Resp: 148988
 Ion Ratio Lower Upper
 184 100
 63 64.2 62.7 94.1
 154 62.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 48.68 ng
 RT: 9.90 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion:168 Resp: 1488636
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.6 45.8
 169 13.2 10.8 16.2

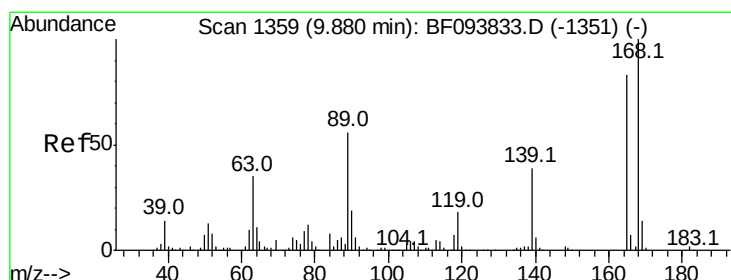
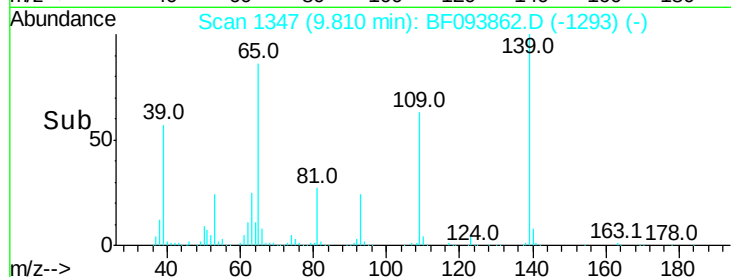
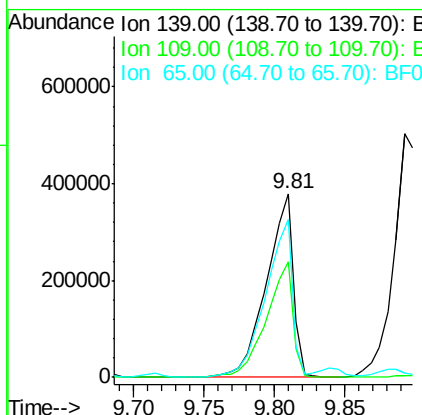
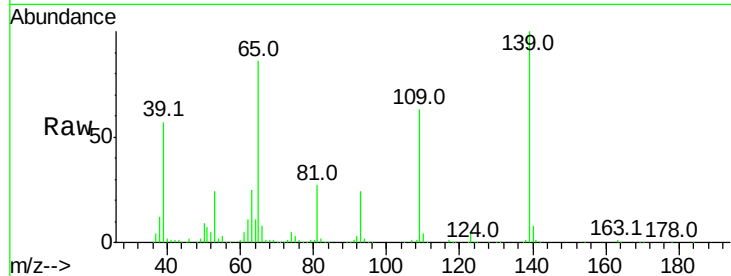




#55
4-Nitrophenol
Concen: 92.36 ng
RT: 9.81 min Scan# 1347
Delta R.T. 0.02 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

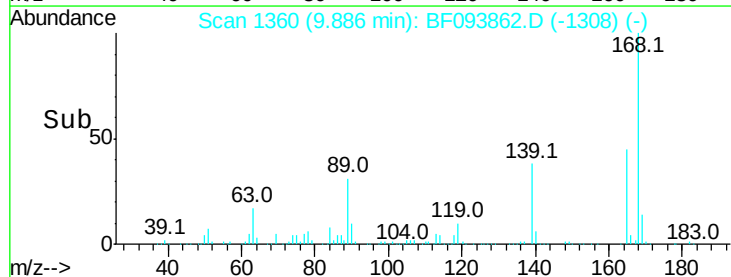
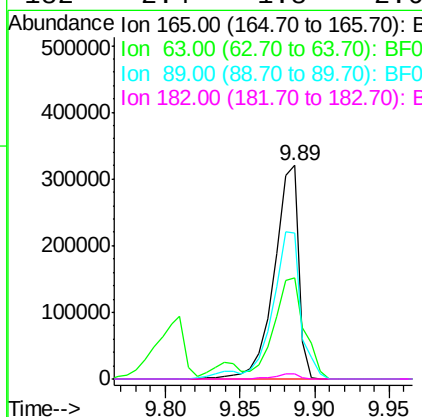
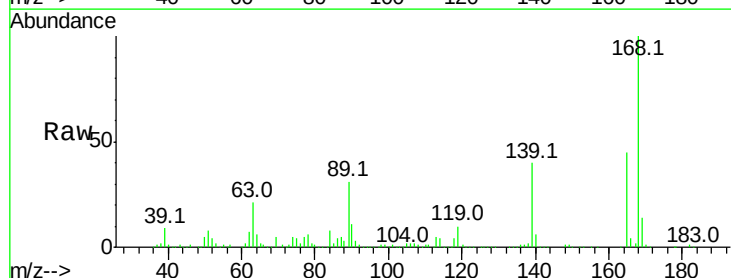
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BAEMSD

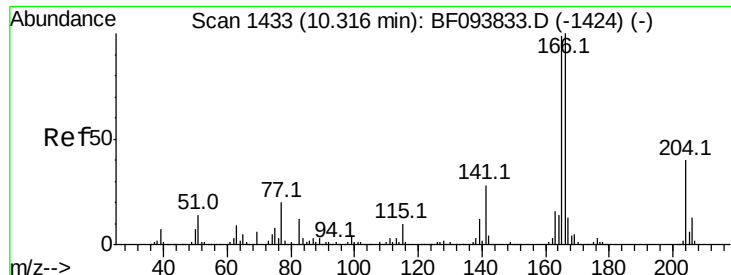
Tot Ion:139 Resp: 507768
Ion Ratio Lower Upper
139 100
109 63.1 34.1 74.1
65 86.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.77 ng
RT: 9.89 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion:165 Resp: 366258
Ion Ratio Lower Upper
165 100
63 47.1 25.4 38.0#
89 68.5 46.4 69.6
182 2.4 1.8 2.6

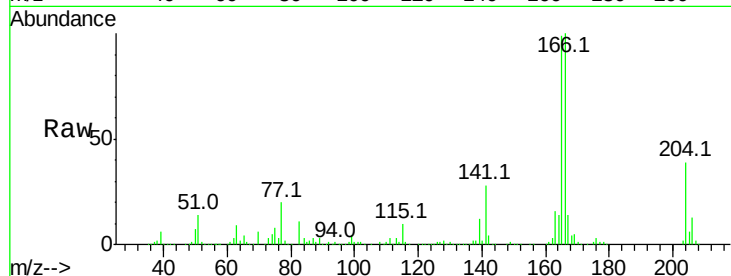




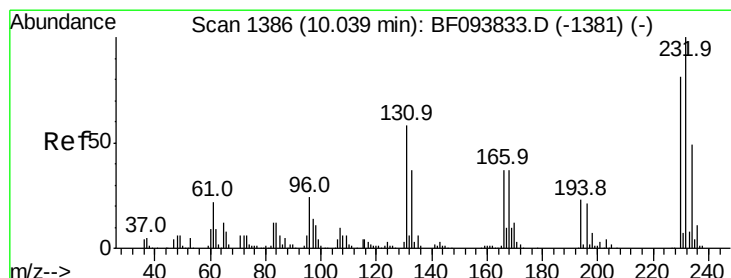
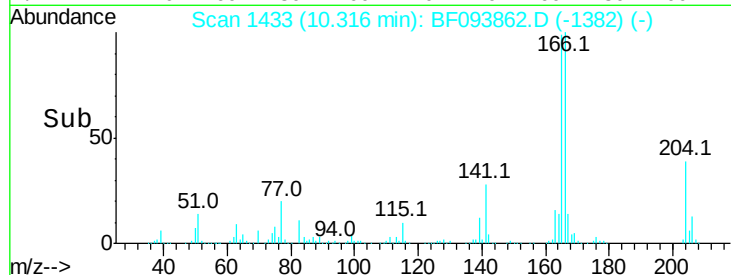
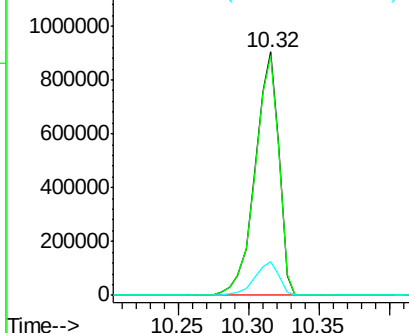
#57
Fluorene
 Concen: 42.35 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BAEMSD

Tot Ion:166 Resp: 1074083
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.8 118.2
 167 14.0 10.6 16.0



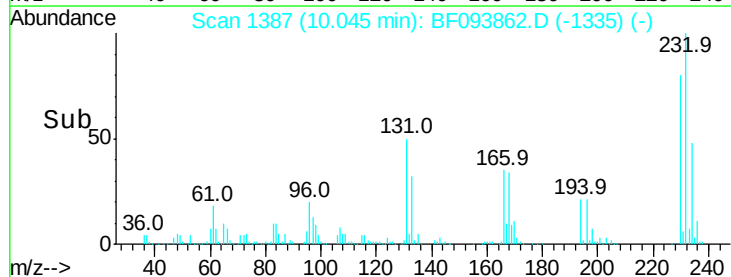
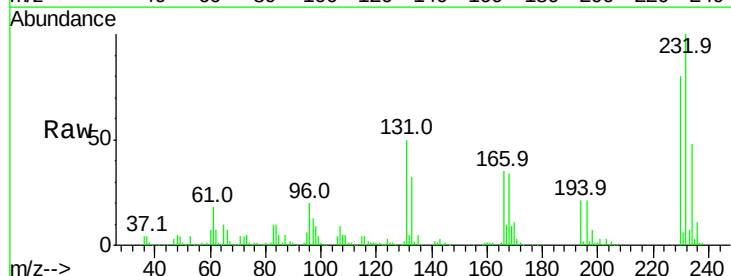
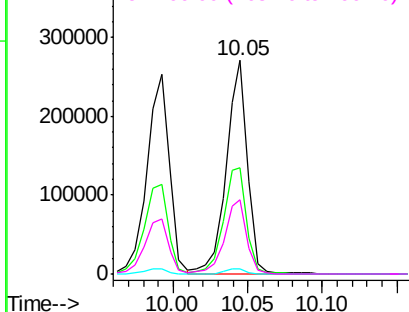
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

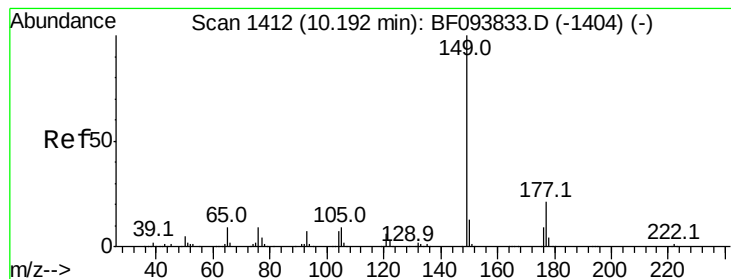


#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.28 ng
 RT: 10.05 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion:232 Resp: 270341
 Ion Ratio Lower Upper
 232 100
 131 54.7 44.8 67.2
 130 2.6 2.3 3.5
 166 36.7 29.0 43.4

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





#59

Diethylphthalate

Concen: 48.75 ng

RT: 10.20 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMSD

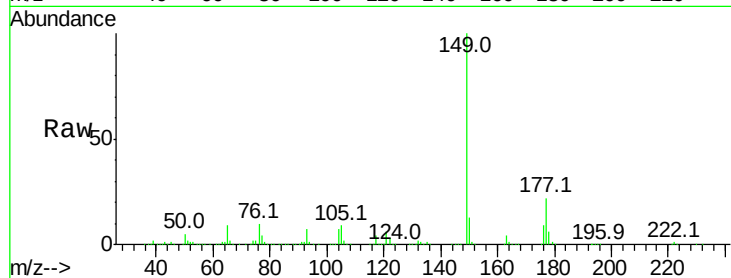
Tot Ion:149 Resp: 1256731

Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

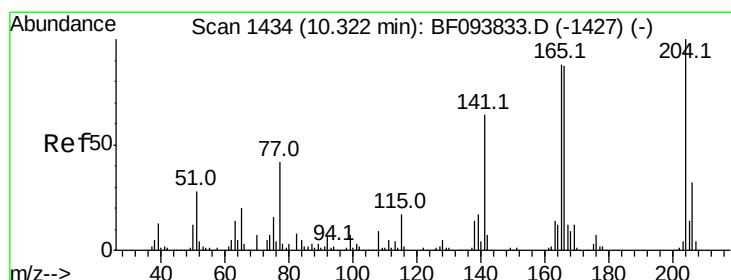
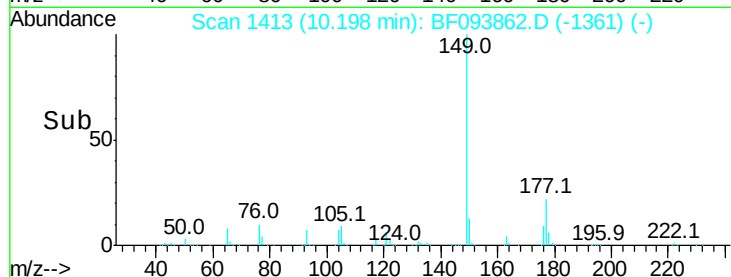
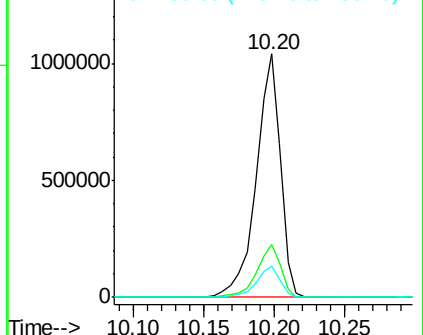
150 12.6 10.2 15.2



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: 43.23 ng

RT: 10.32 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

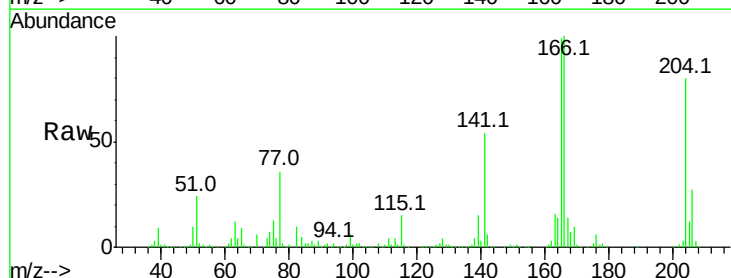
Tgt Ion:204 Resp: 467058

Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.2

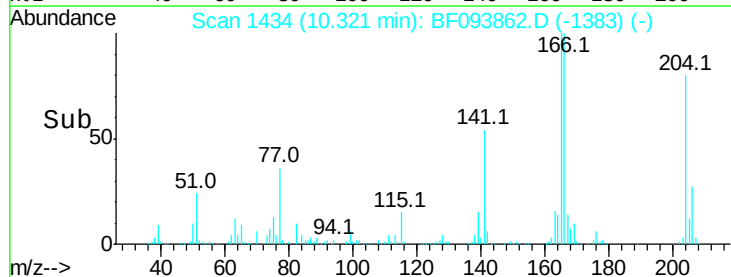
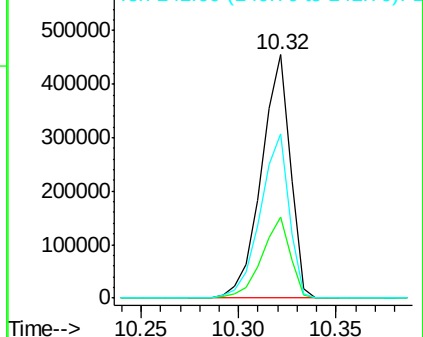
141 67.6 60.8 91.2

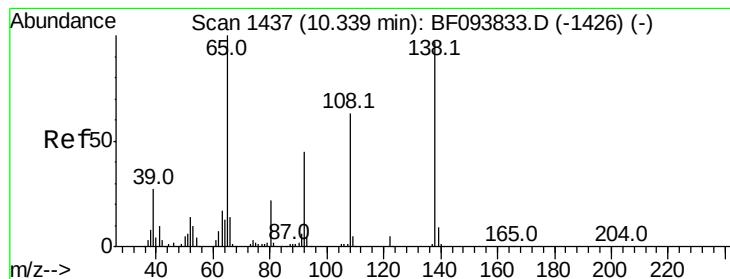


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.96 ng

RT: 10.35 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASEMSD

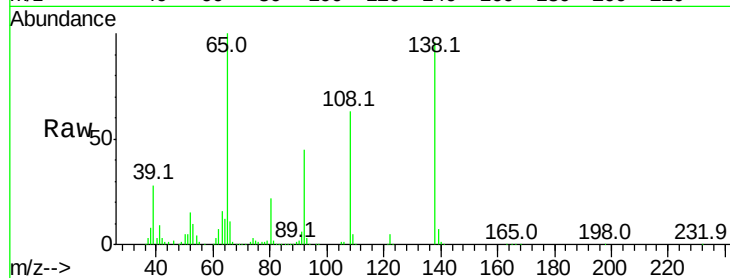
Tot Ion:138 Resp: 309627

Ion Ratio Lower Upper

138 100

92 47.1 21.8 61.8

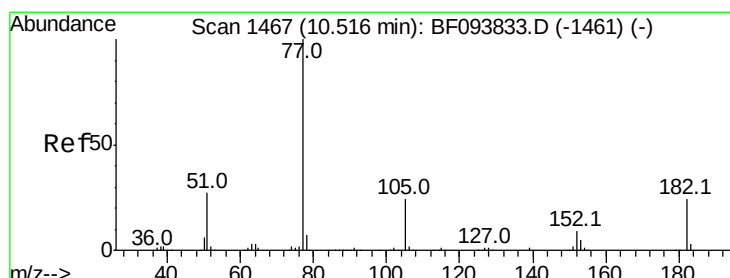
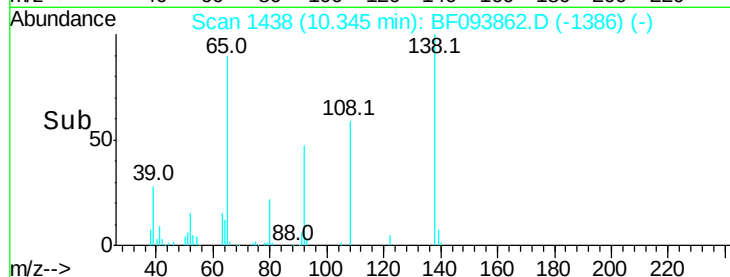
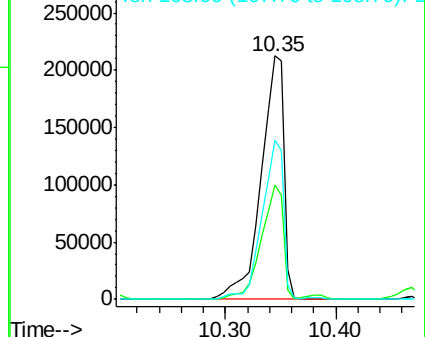
108 65.1 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.21 ng

RT: 10.52 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Tgt Ion: 77 Resp: 1224322

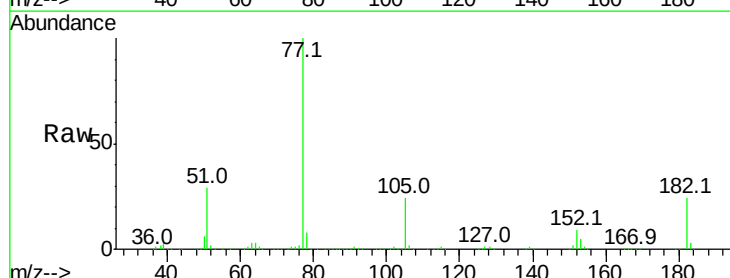
Ion Ratio Lower Upper

77 100

182 24.2 0.1 40.1

105 23.7 3.6 43.6

51 28.9 9.4 49.4

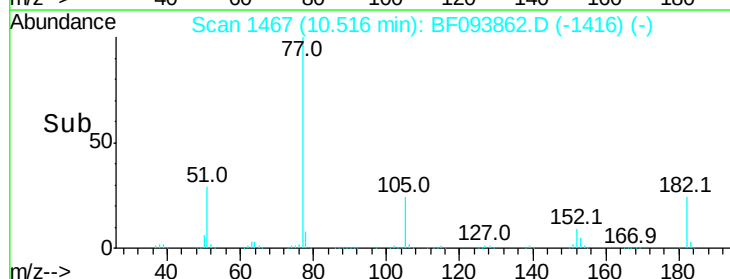
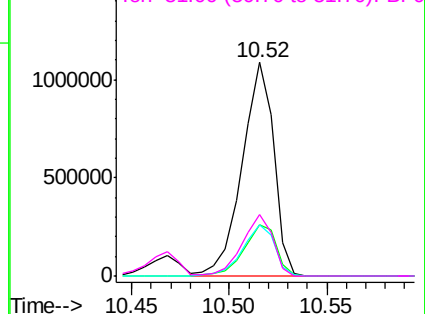


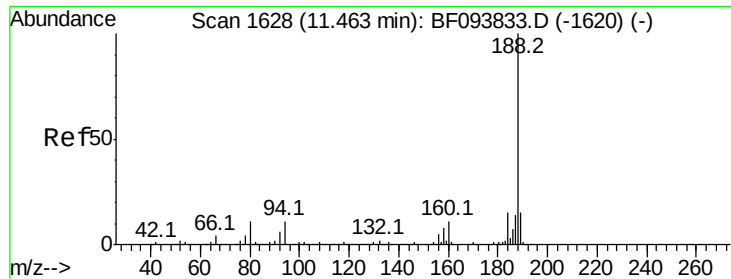
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

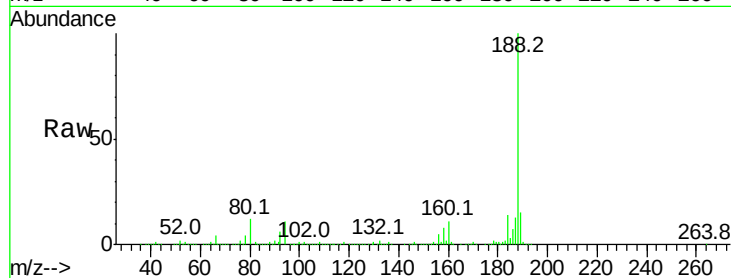




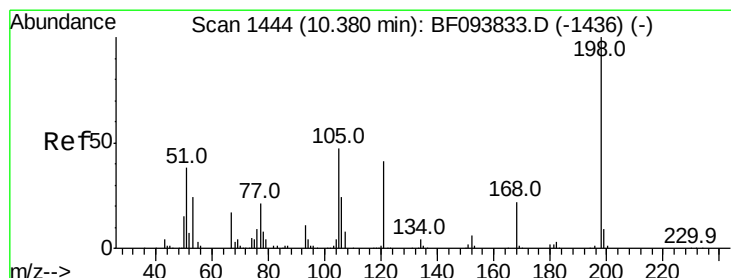
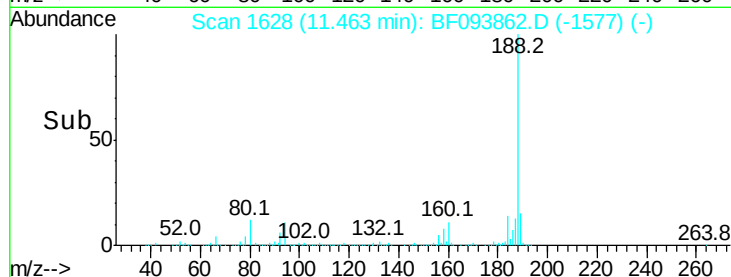
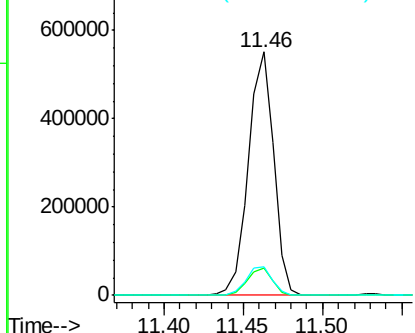
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BAEMSD

Tot Ion:188 Resp: 612527
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.6 10.2 15.2

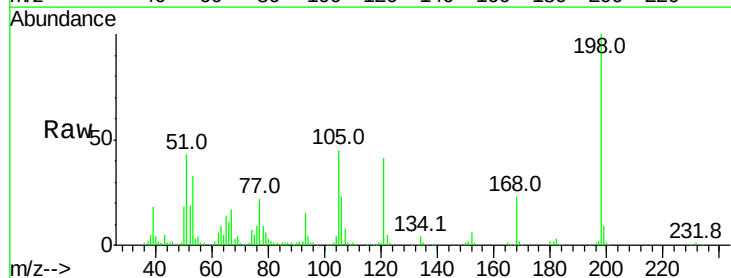


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

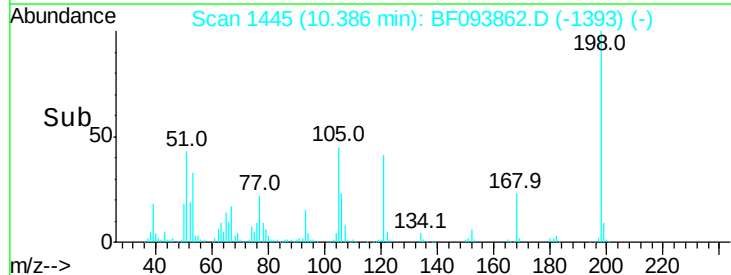
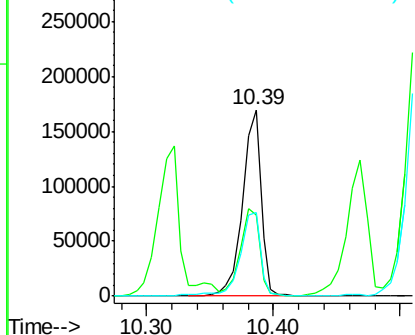


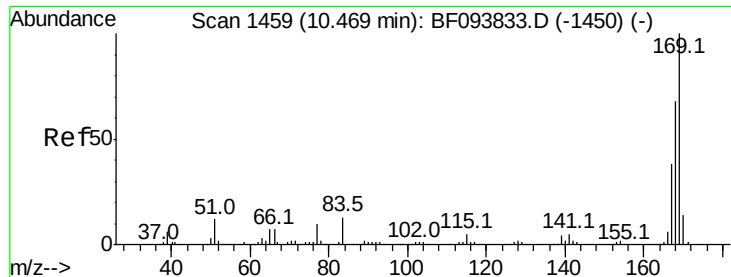
#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.00 ng
 RT: 10.39 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion:198 Resp: 172569
 Ion Ratio Lower Upper
 198 100
 51 43.4 53.2 93.2#
 105 44.8 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

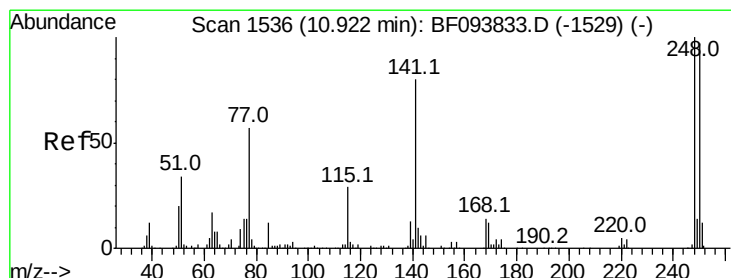
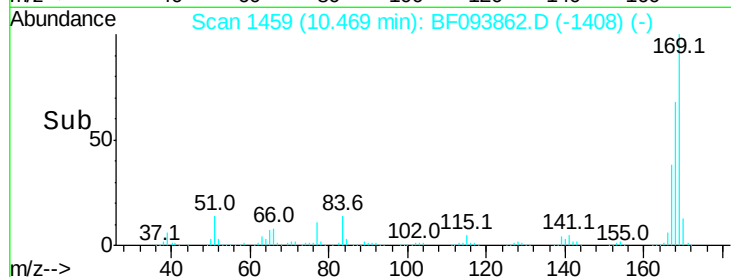
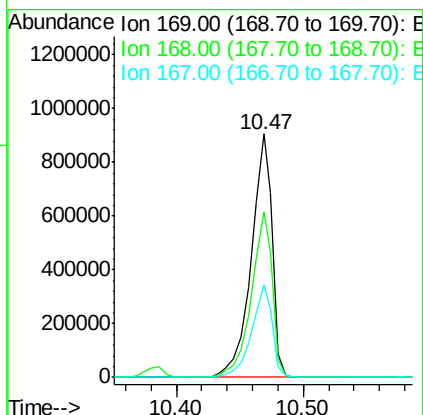
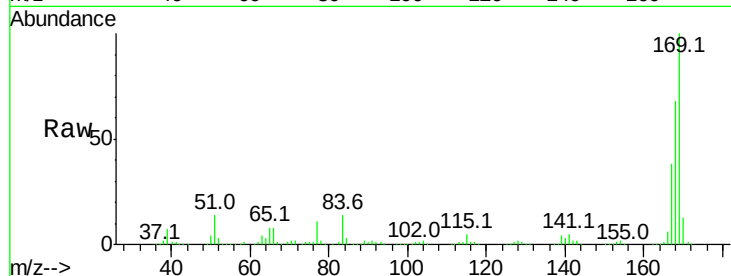




#65
 n-Nitrosodiphenylamine
 Concen: 49.14 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

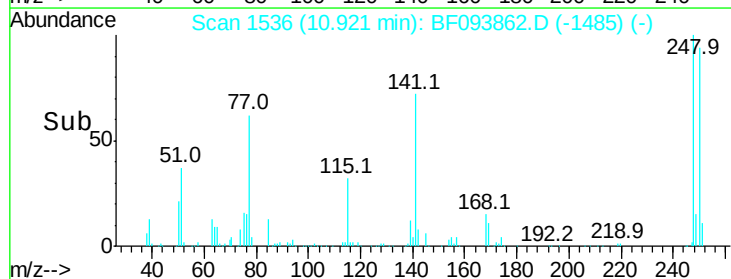
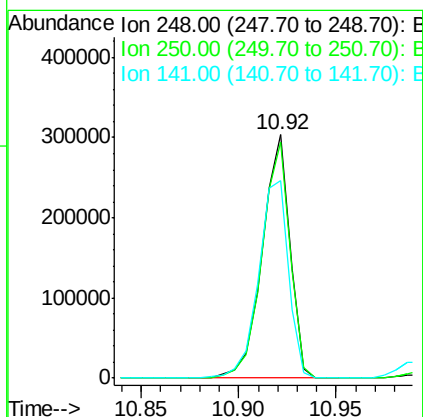
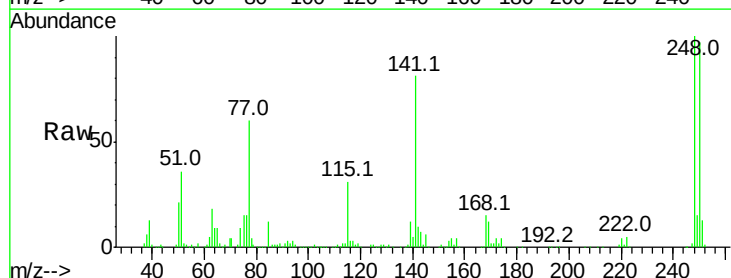
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BAEMSD

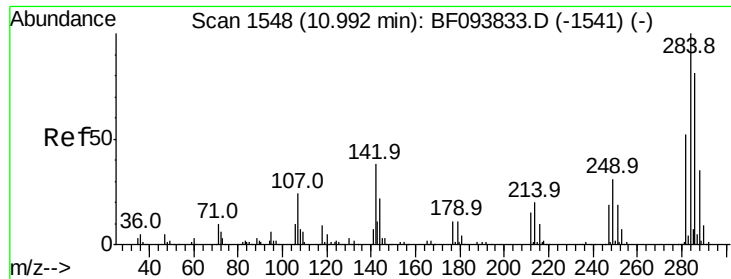
Tot Ion:169 Resp: 1041011
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.2 79.8
 167 38.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 49.48 ng
 RT: 10.92 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion:248 Resp: 298092
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.8 115.2
 141 81.3 68.6 103.0

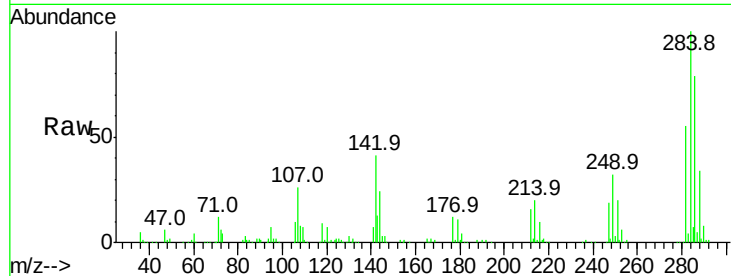




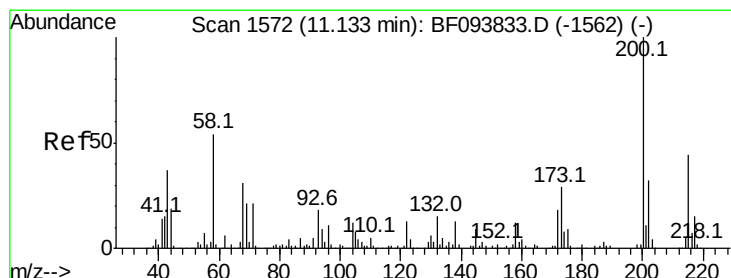
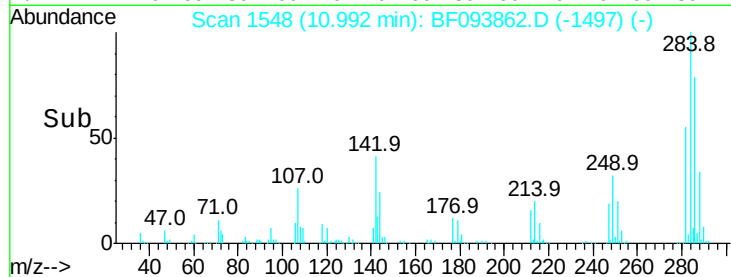
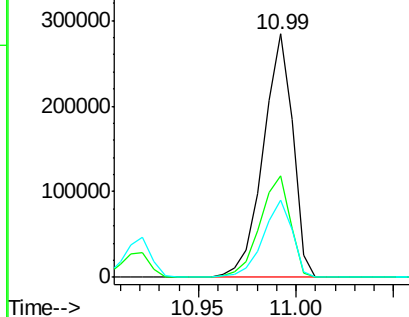
#67
Hexachlorobenzene
Concen: 49.07 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BAEMSD

Tot Ion:284 Resp: 299223
Ion Ratio Lower Upper
284 100
142 41.5 22.8 34.2#
249 31.6 24.0 36.0

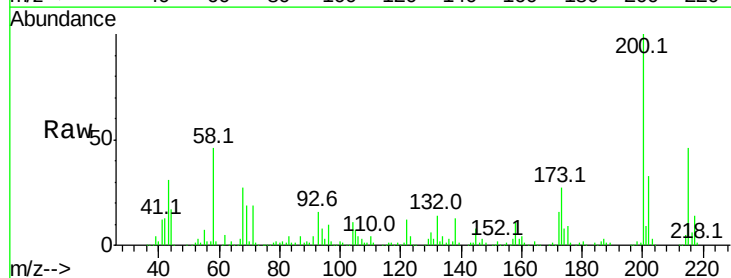


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

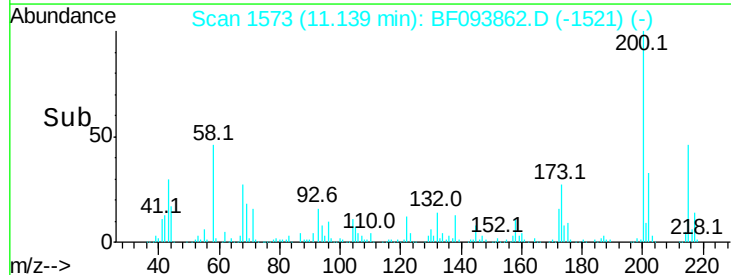
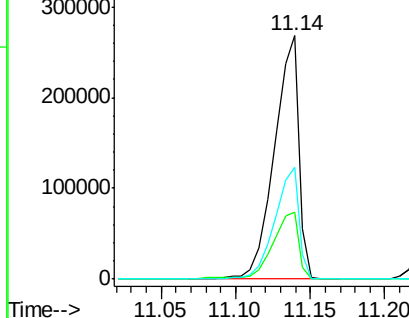


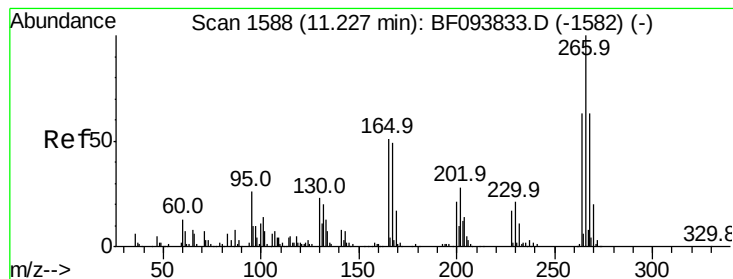
#68
Atrazine
Concen: 48.35 ng
RT: 11.14 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion:200 Resp: 306763
Ion Ratio Lower Upper
200 100
173 27.4 6.3 46.3
215 45.9 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: 88.21 ng

RT: 11.23 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BAEMSD

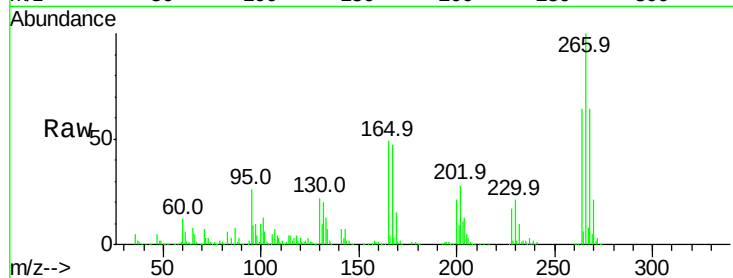
Tot Ion:266 Resp: 334826

Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

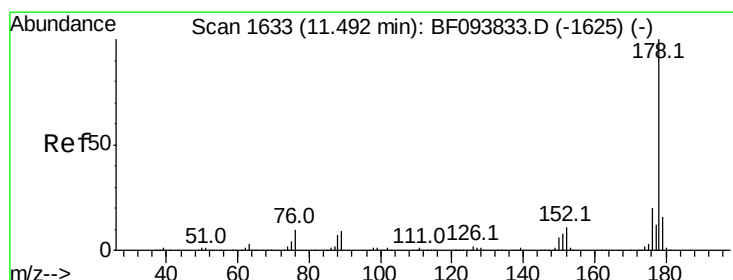
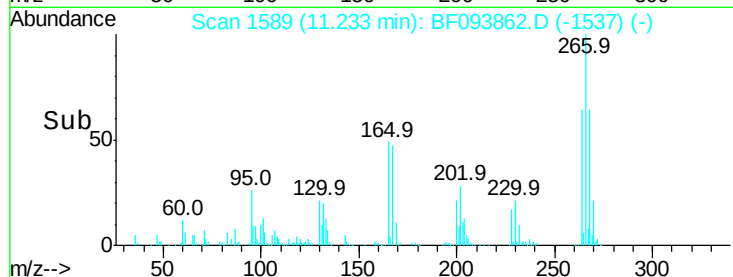
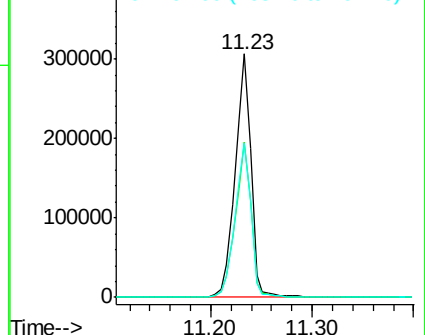
264 63.5 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 46.79 ng

RT: 11.50 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

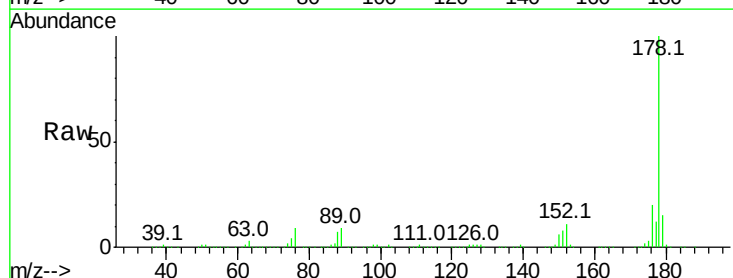
Tgt Ion:178 Resp: 1594389

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

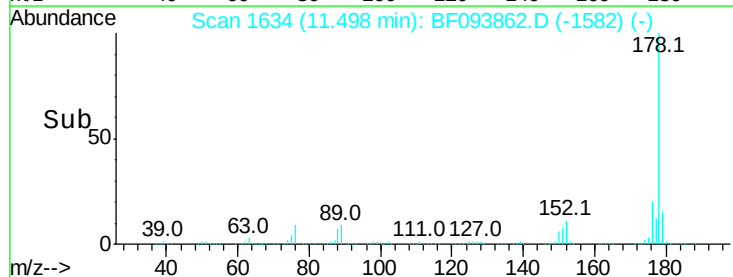
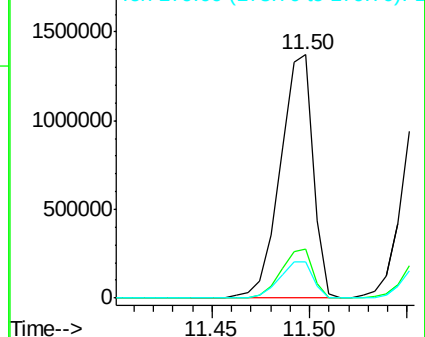
179 15.1 12.6 19.0

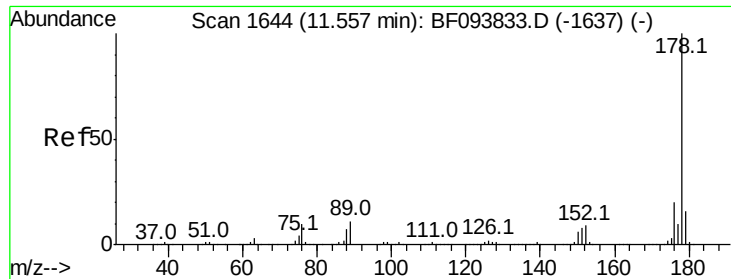


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

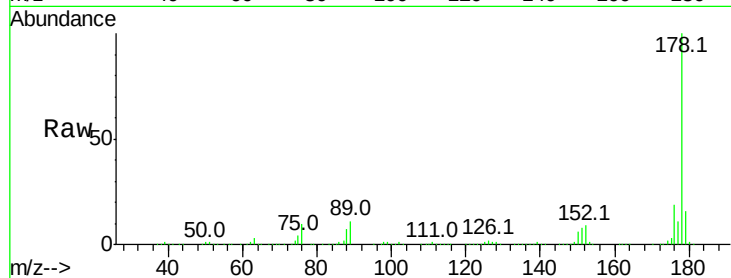




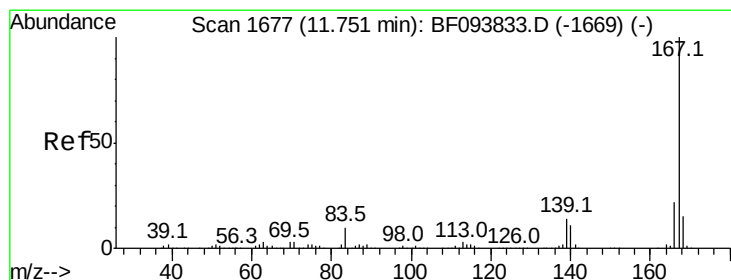
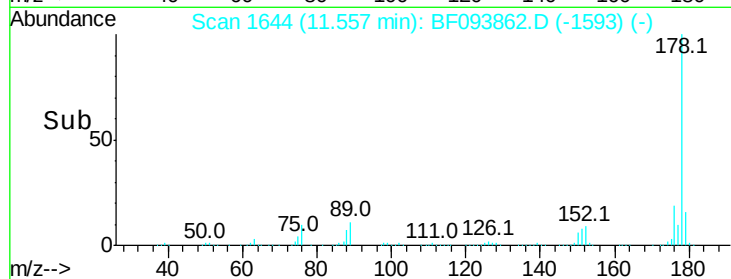
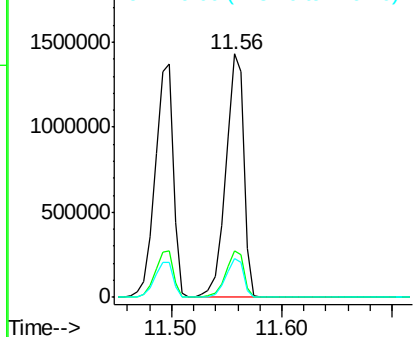
#71
 Anthracene
 Concen: 46.49 ng
 RT: 11.56 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMSD

Tot Ion:178 Resp: 1631169
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.8 12.7 19.1

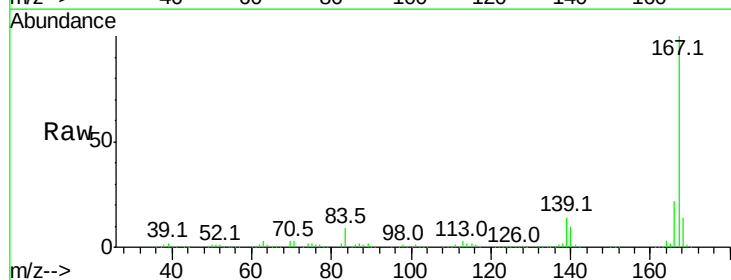


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

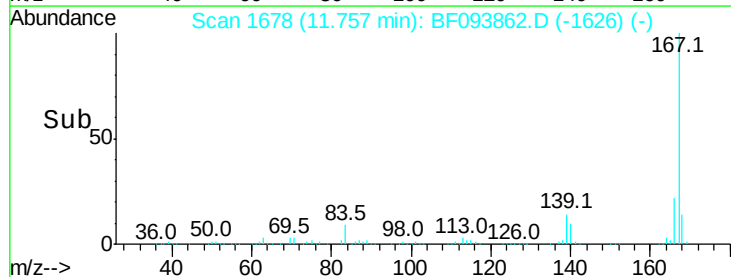
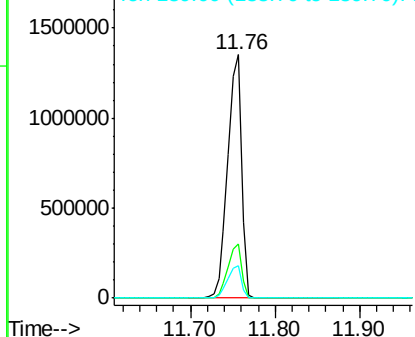


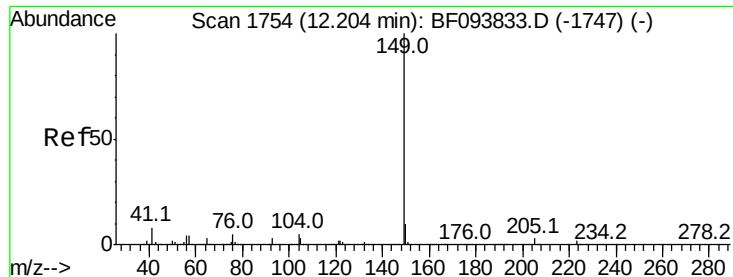
#72
 Carbazole
 Concen: 42.85 ng
 RT: 11.76 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion:167 Resp: 1541631
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.6 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.27 ng

RT: 12.21 min Scan# 1755

Delta R.T. 0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BAEMSD

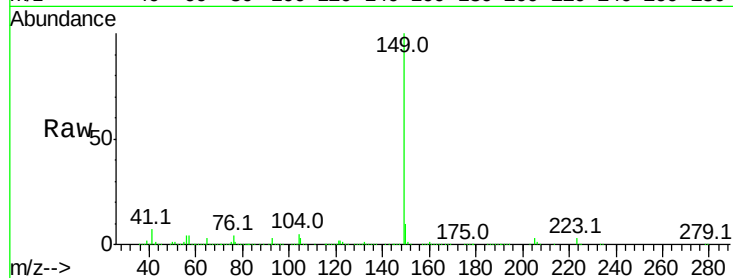
Tot Ion:149 Resp: 1880712

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

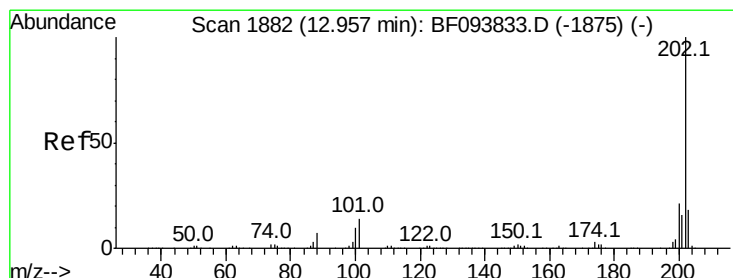
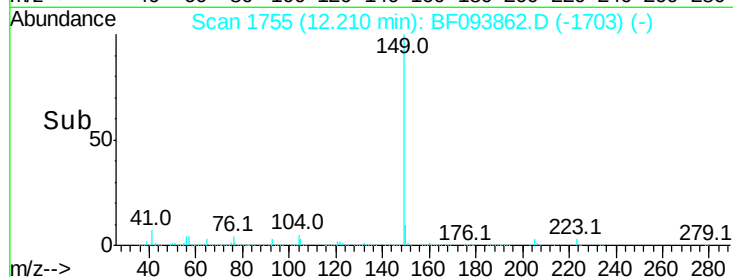
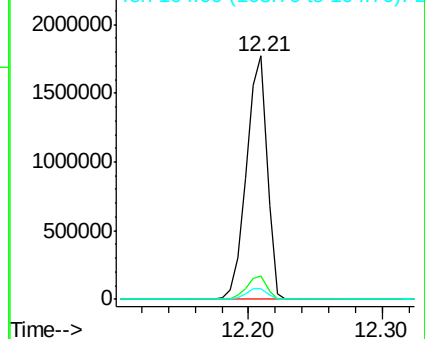
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.04 ng

RT: 12.96 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

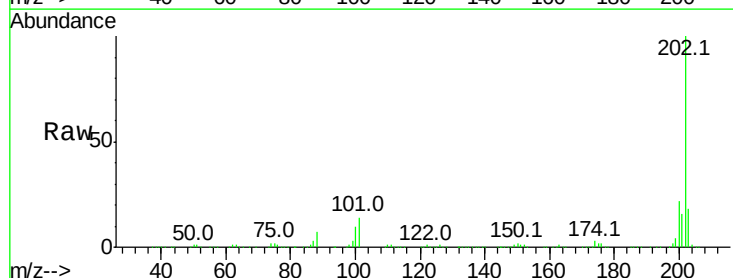
Tgt Ion:202 Resp: 1606223

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

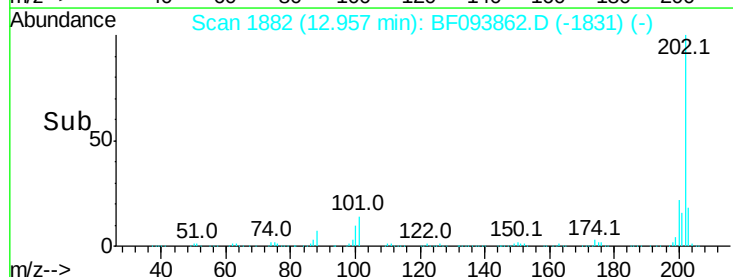
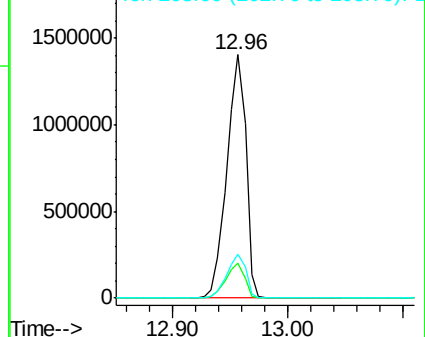
203 17.9 0.0 38.1

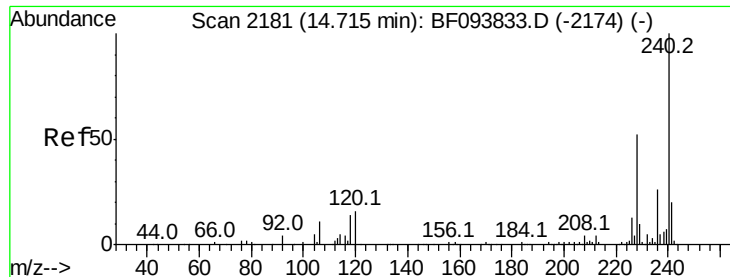


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BAEMSD

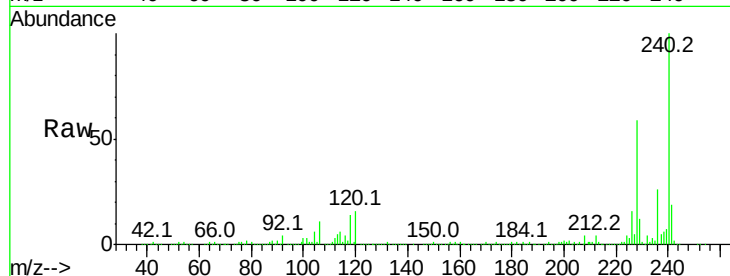
Tot Ion:240 Resp: 423489

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

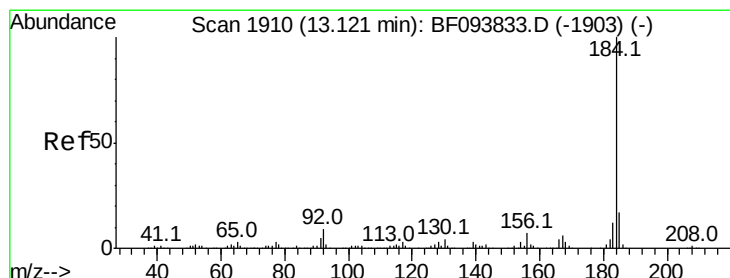
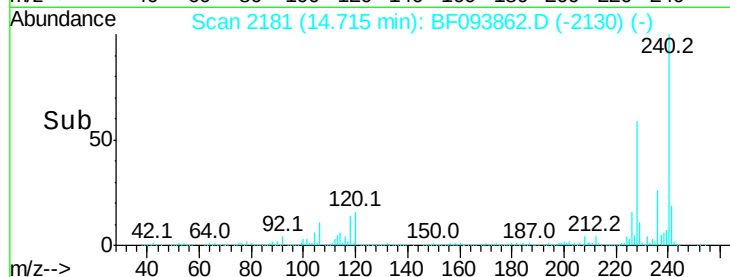
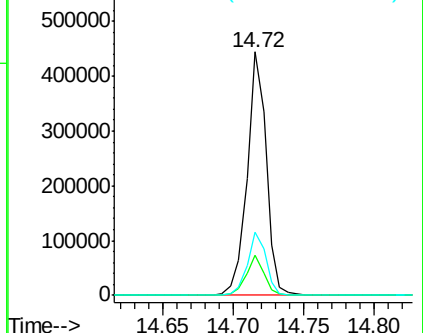
236 25.8 20.5 30.7



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: 31.00 ng

RT: 13.12 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

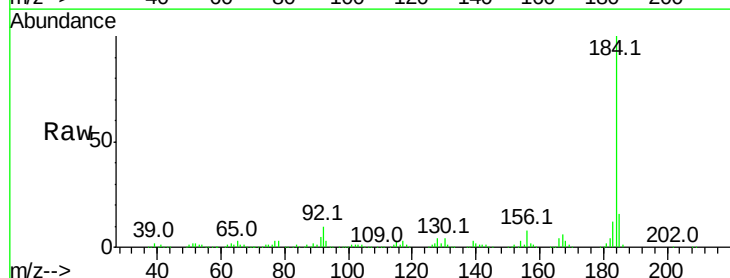
Tgt Ion:184 Resp: 519622

Ion Ratio Lower Upper

184 100

185 15.6 15.5 23.3

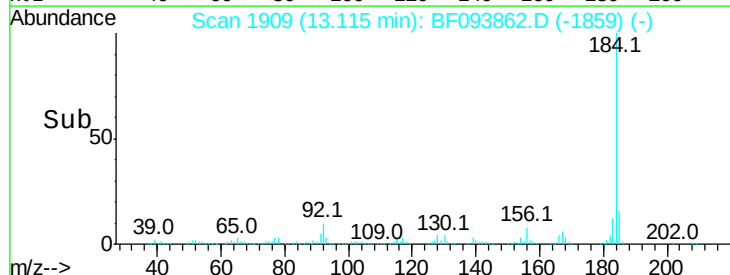
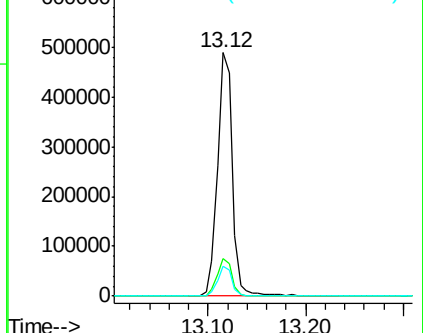
183 12.2 9.8 14.6

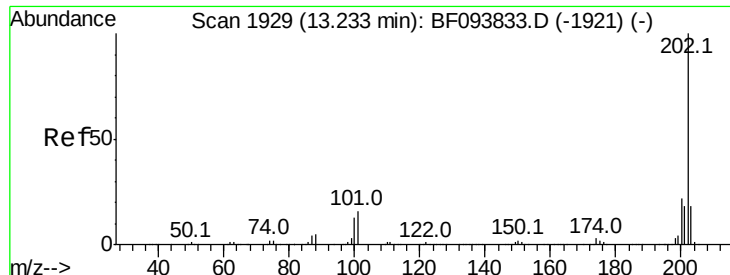


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



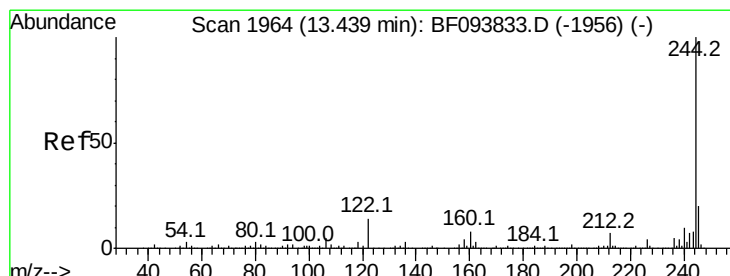
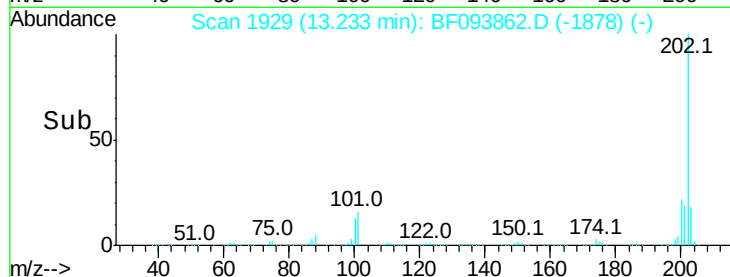
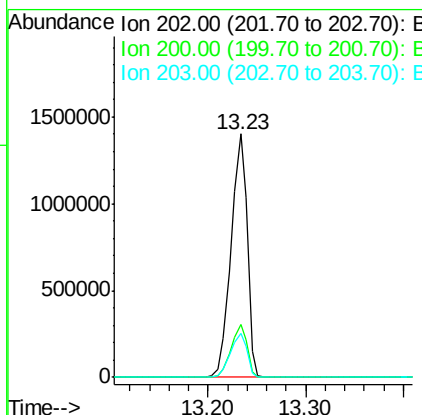
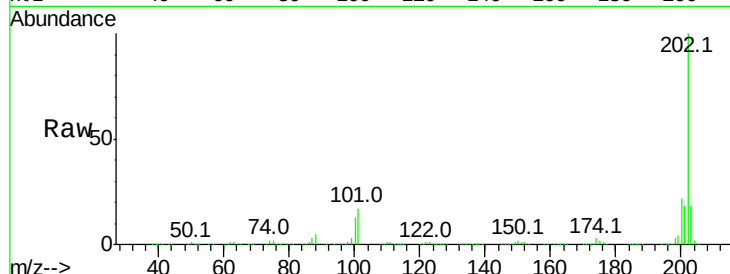


#77
Pvrene
Concen: 52.60 ng
RT: 13.23 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BAEMSD

Tot Ion:202 Resp: 1616702

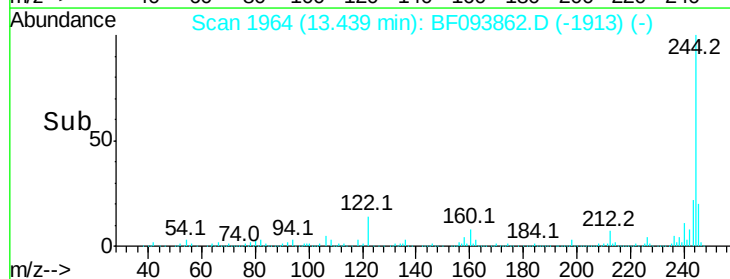
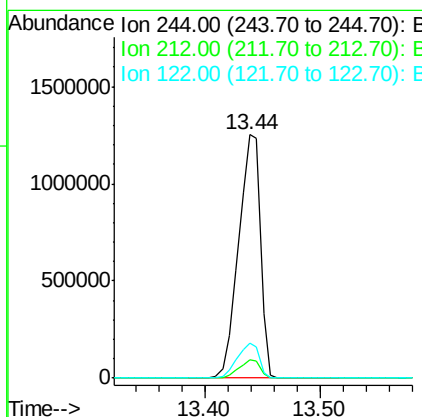
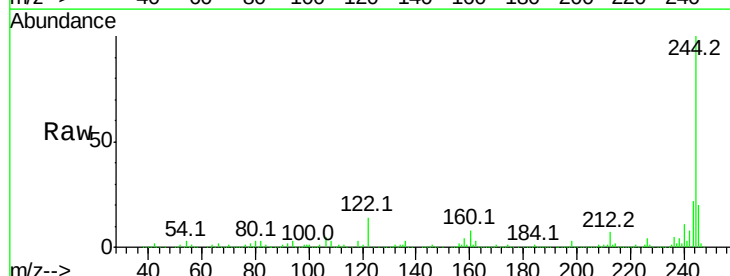
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.2	14.4	21.6

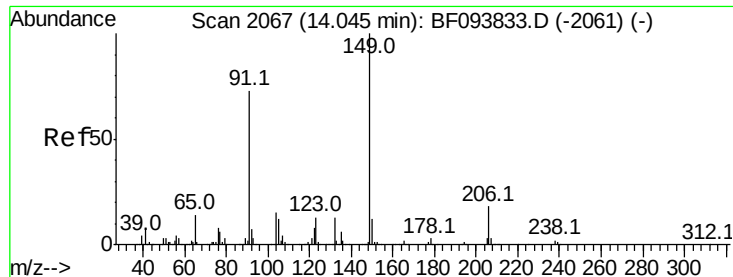


#78
Terphenyl-d14
Concen: 86.77 ng
RT: 13.44 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion:244 Resp: 1639297

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.2	10.3	15.5

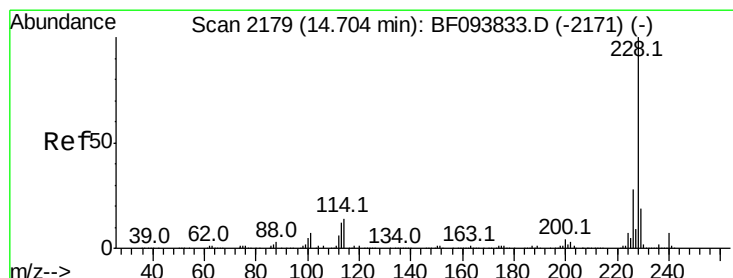
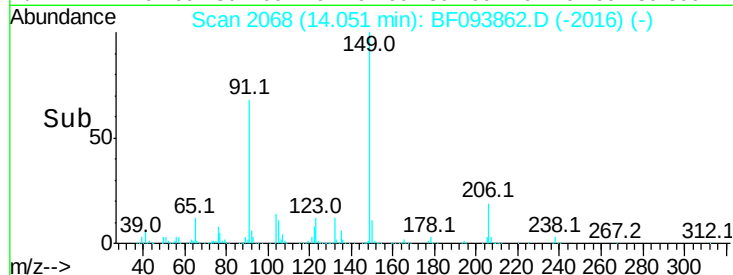
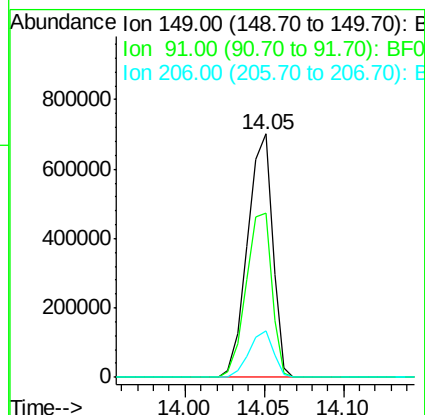
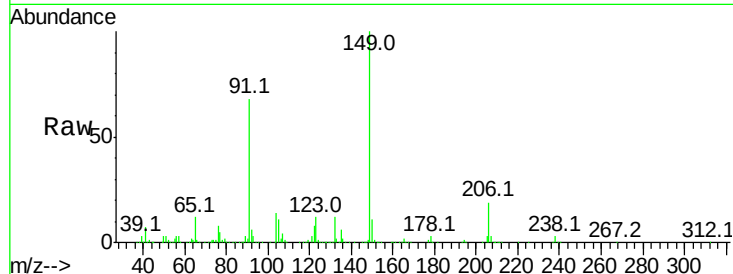




#79
Butylbenzylphthalate
Concen: 58.90 ng
RT: 14.05 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

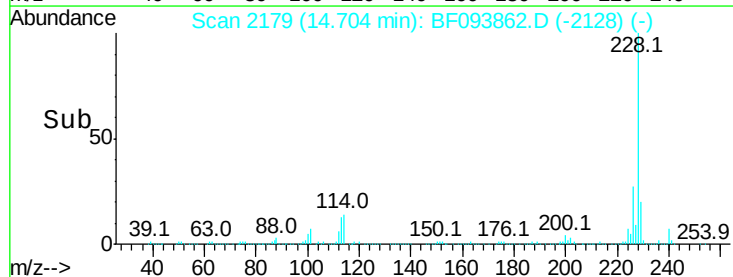
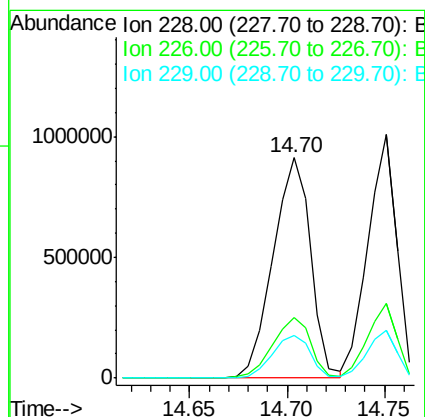
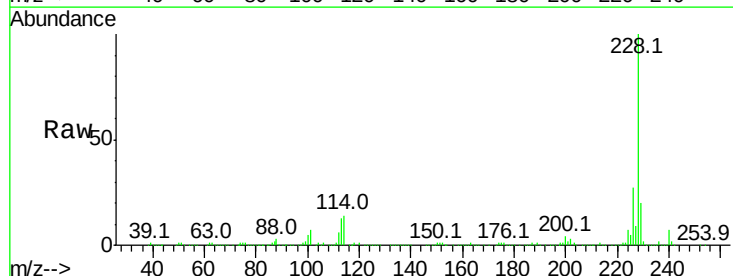
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMSD

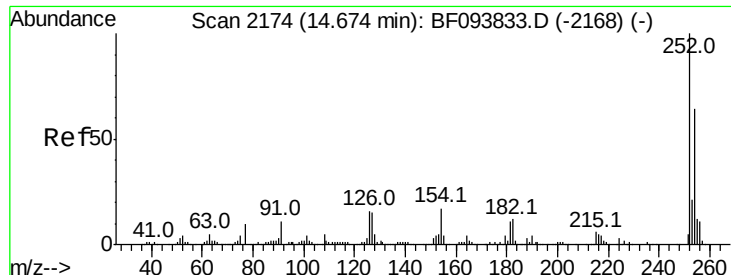
Tot Ion:149 Resp: 771335
Ion Ratio Lower Upper
149 100
91 67.7 45.0 67.4#
206 18.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 49.24 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion:228 Resp: 1216090
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.5 16.3 24.5

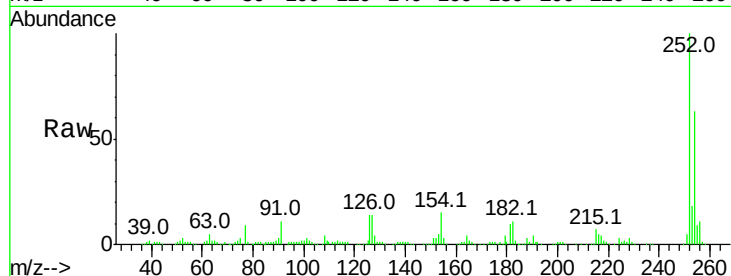




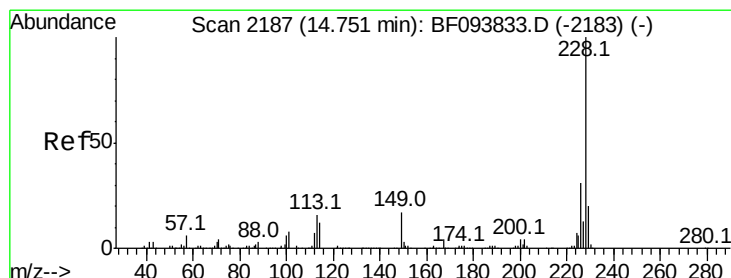
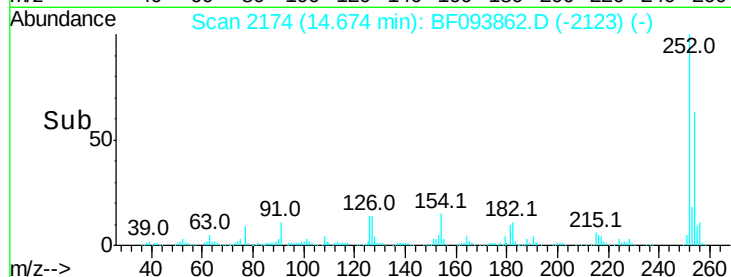
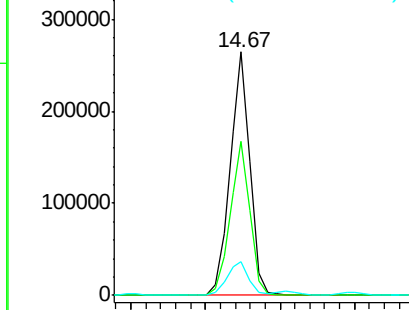
#81
 3,3'-Dichlorobenzidine
 Concen: 28.06 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BAEMSD

Tot Ion:252 Resp: 247679
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.5 77.3
 126 14.1 15.8 23.8#

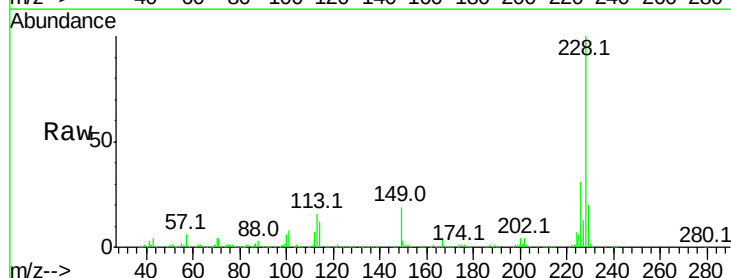


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

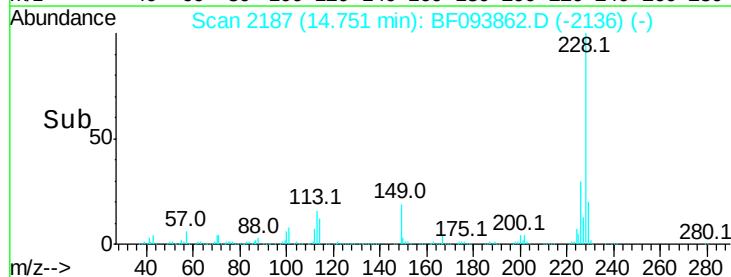
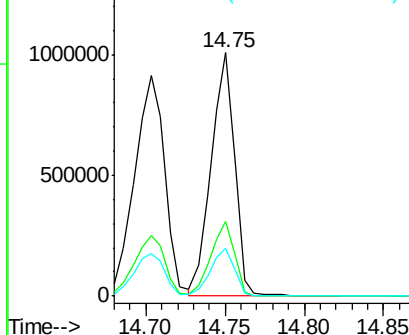


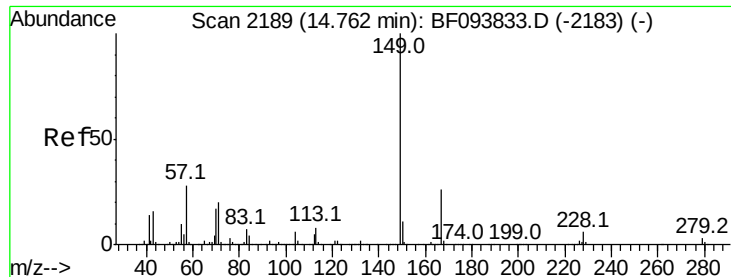
#82
 Chrysene
 Concen: 45.28 ng
 RT: 14.75 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion:228 Resp: 1037655
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.8 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.89 ng

RT: 14.76 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Instrument :

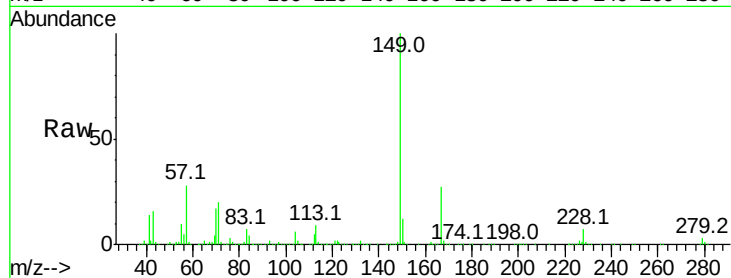
BNA_F

ClientSampleId :

E2-Q14-BAEMSD

Tot Ion:149 Resp: 1052204

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.4
279	2.9	1.9	2.9

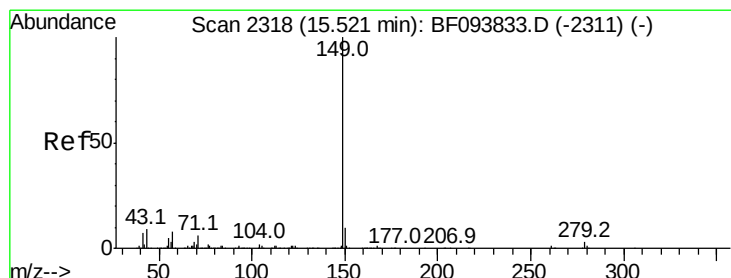
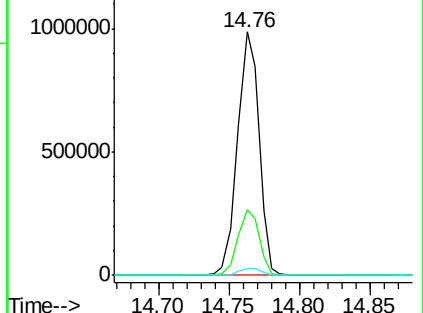
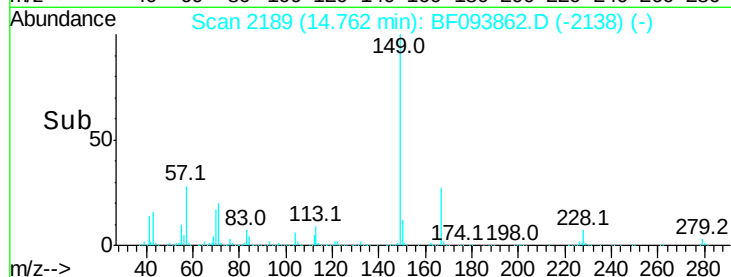


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 56.42 ng

RT: 15.52 min Scan# 2317

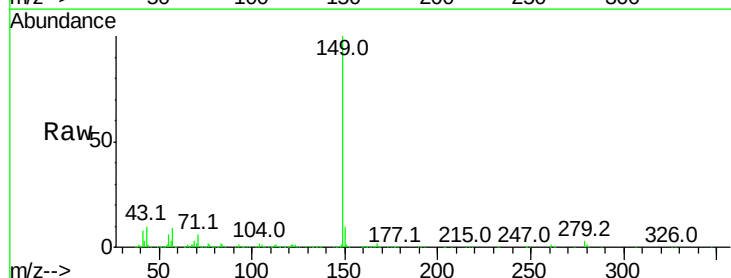
Delta R.T. -0.01 min

Lab File: BF093862.D

Acq: 23 Mar 2017 5:24

Tgt Ion:149 Resp: 1683800

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

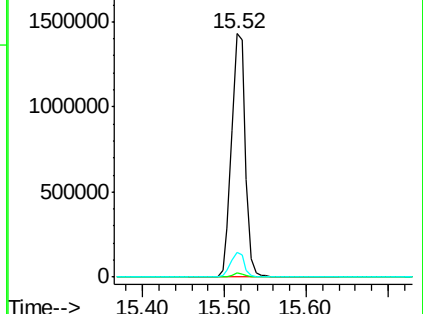
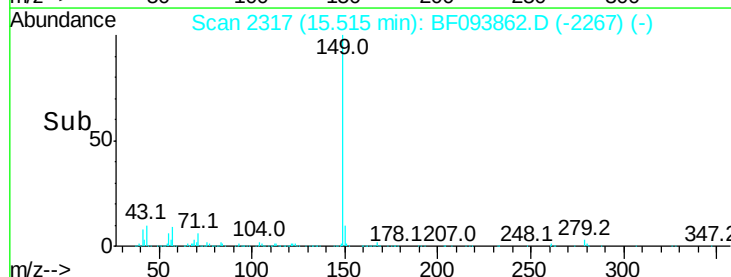


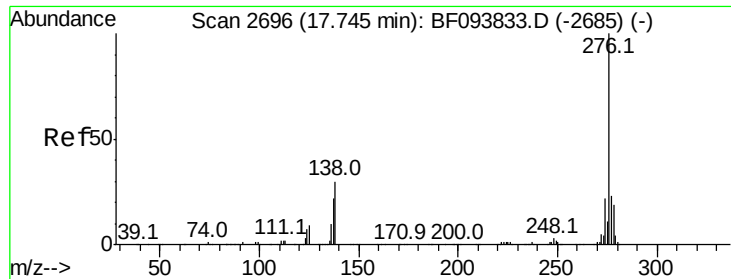
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

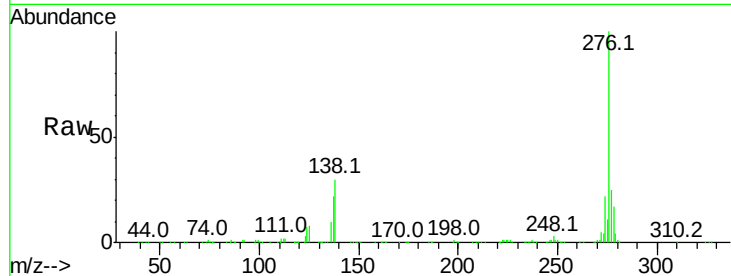




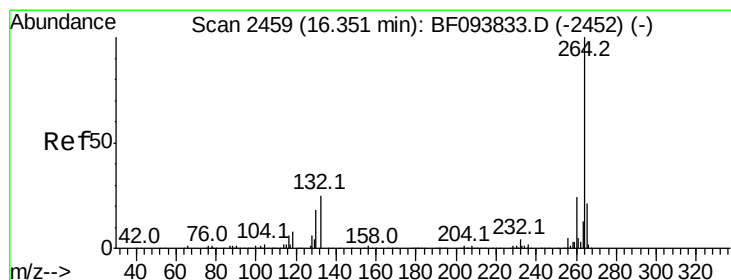
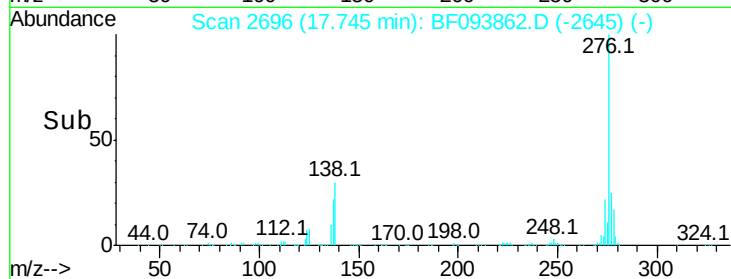
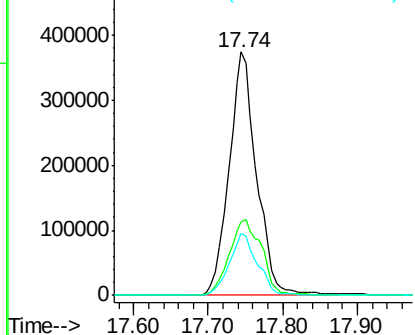
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.20 ng
 RT: 17.74 min Scan# 2696
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.6	27.8	41.6
277	26.0	20.2	30.4

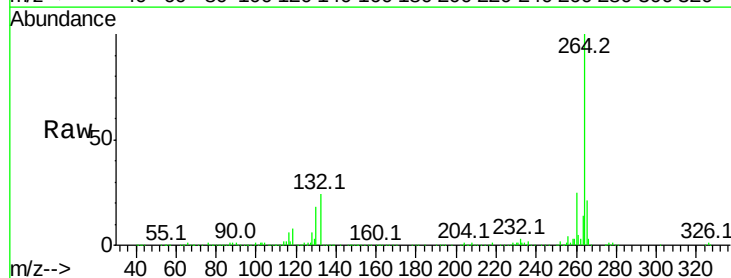


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

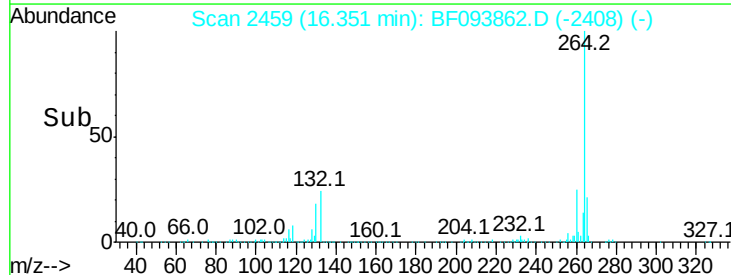
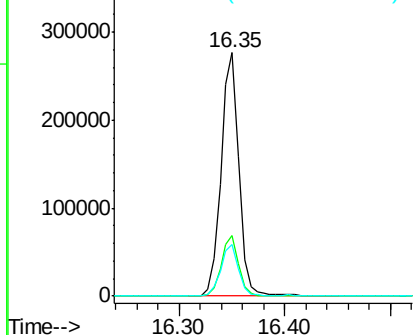


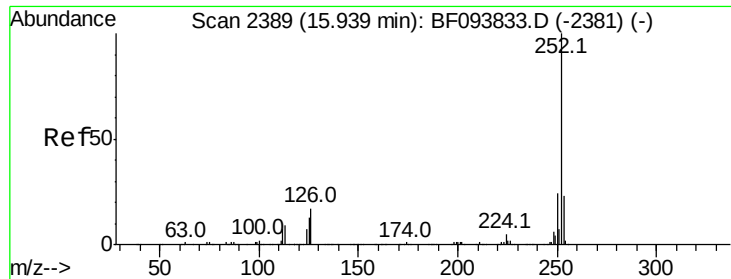
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.35 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.4	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

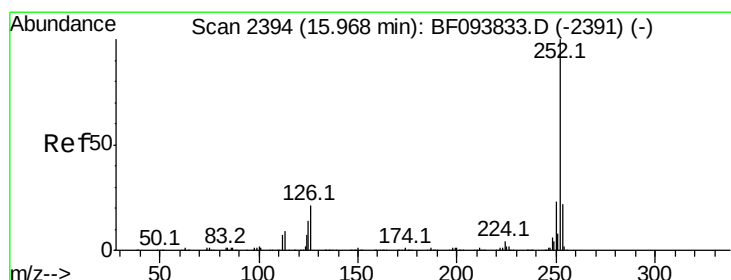
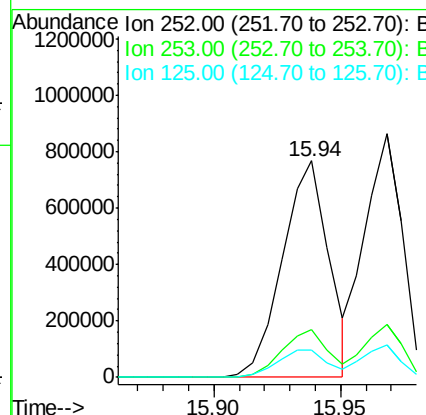
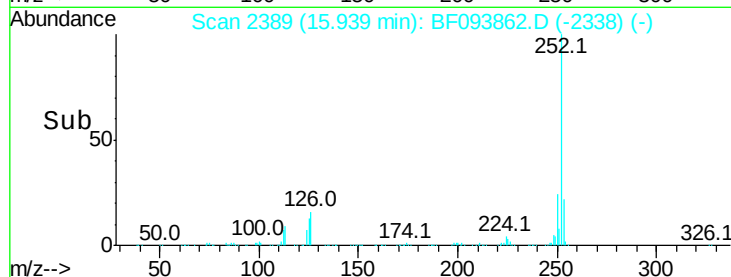
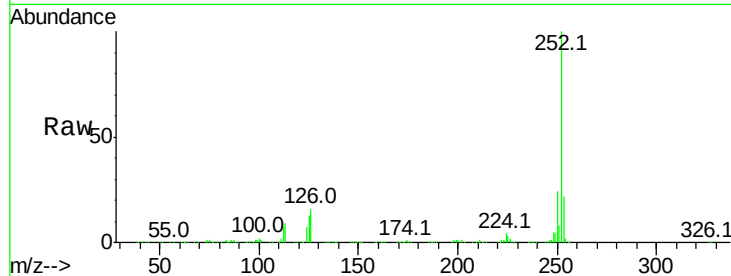




#87
Benzo(b)fluoranthene
Concen: 48.94 ng
RT: 15.94 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

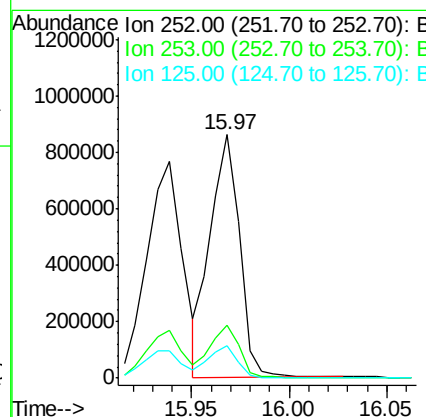
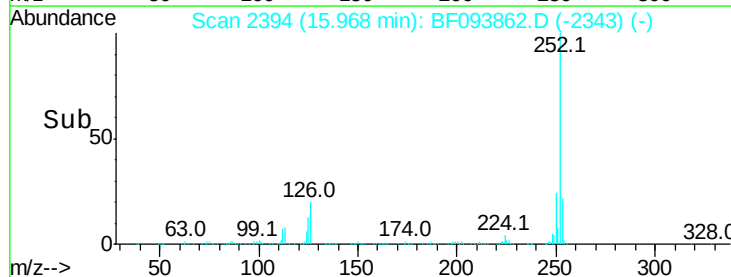
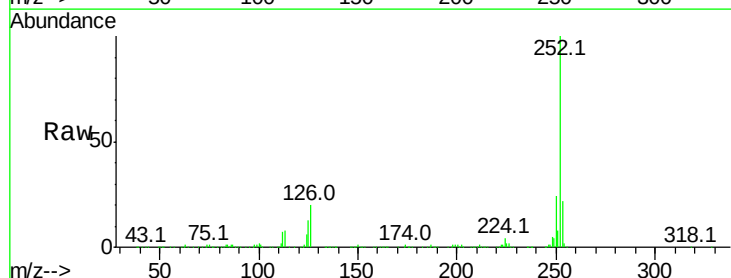
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BAEMSD

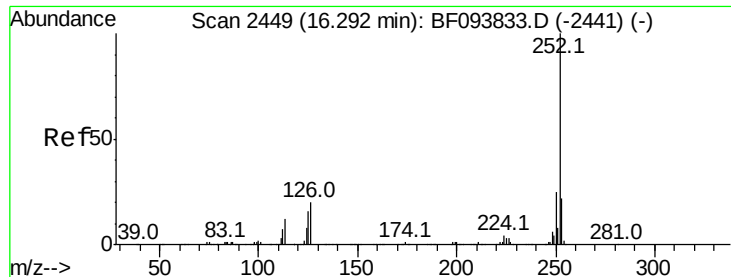
Tot Ion:252 Resp: 980152
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 46.02 ng
RT: 15.97 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion:252 Resp: 901883
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 13.3 13.1 19.7

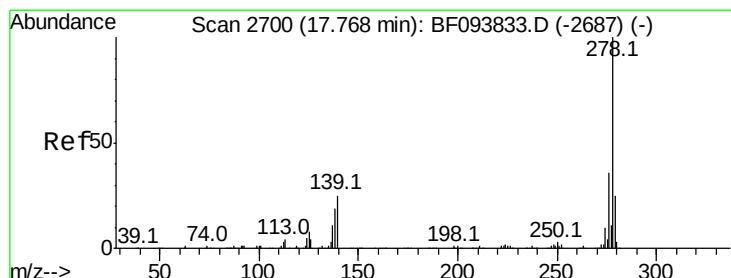
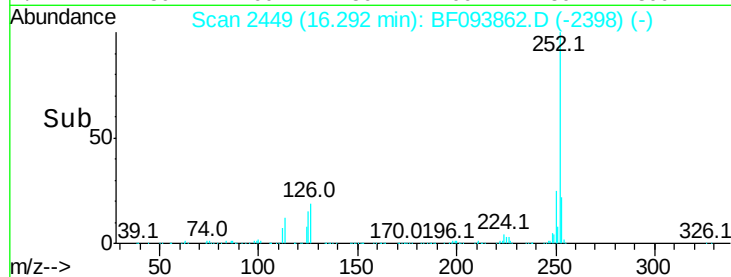
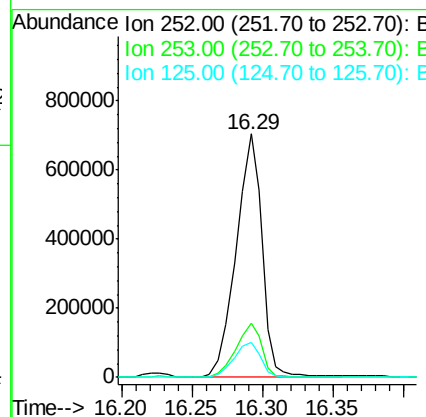
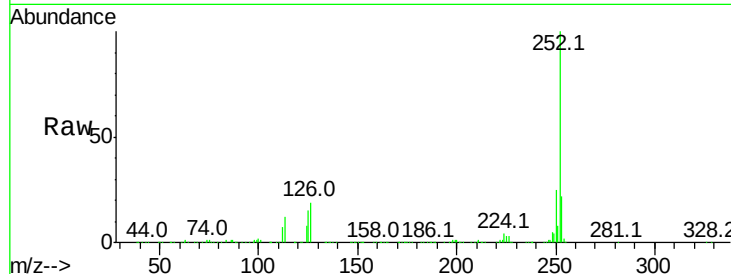




#89
Benzo(a)pyrene
Concen: 48.56 ng
RT: 16.29 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

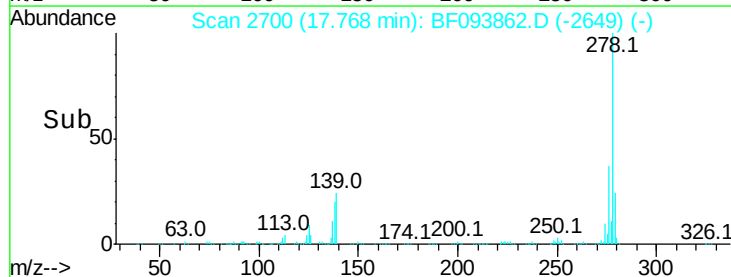
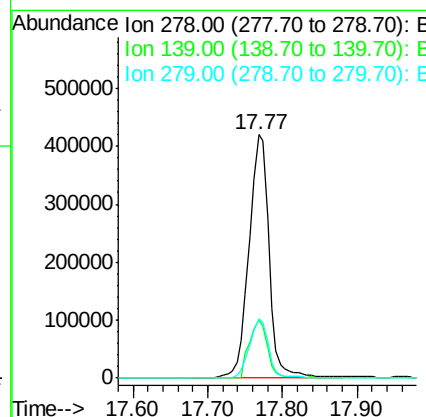
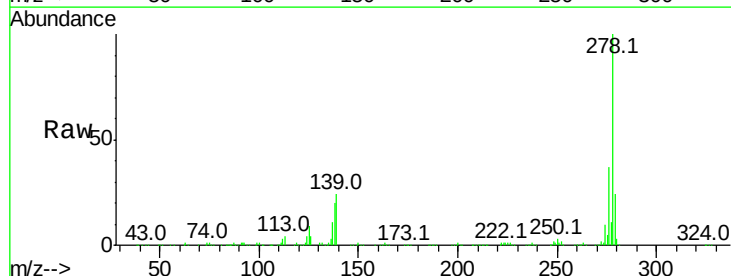
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASEMSD

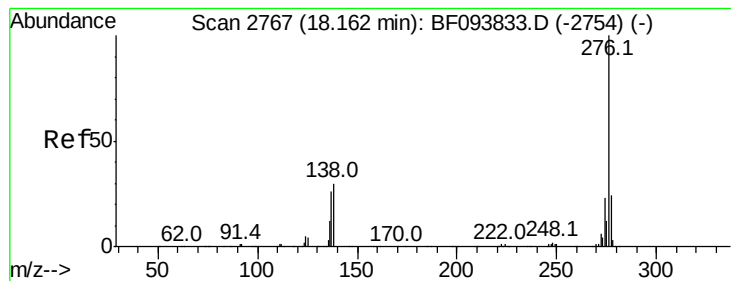
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.5	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 50.44 ng
RT: 17.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: BF093862.D
Acq: 23 Mar 2017 5:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.1	16.6	24.8
279	24.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 51.97 ng
 RT: 18.16 min Scan# 2767
 Delta R.T. -0.00 min
 Lab File: BF093862.D
 Acq: 23 Mar 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASEMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	30.7	25.4	38.0

