

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093739.D
 Acq On : 18 Mar 2017 8:32
 Operator : SJ/MA
 Sample : PB97641BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Quant Time: Mar 20 01:04:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	191446	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	785684	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	375055	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	633816	20.00	ng	0.00
75) Chrysene-d12	14.00	240	411752	20.00	ng	0.00
86) Perylene-d12	15.41	264	447928	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1661516	144.69	ng	0.01
7) Phenol-d6	6.48	99	1887875	132.65	ng	0.00
23) Nitrobenzene-d5	7.41	82	1267581	96.83	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	394491	160.71	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1977911	99.52	ng	0.00
78) Terphenyl-d14	12.95	244	1539028	80.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	247303	41.71	ng	99
3) Pyridine	3.25	79	711584	43.88	ng	99
4) n-Nitrosodimethylamine	3.19	42	329989	46.50	ng	94
6) Aniline	6.50	93	228098	11.21	ng	# 86
8) 2-Chlorophenol	6.63	128	592387	46.40	ng	95
9) Benzaldehyde	6.39	77	291082	36.35	ng	96
10) Phenol	6.49	94	630997	37.92	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	569226	43.41	ng	99
12) 1,3-Dichlorobenzene	6.79	146	664024	46.94	ng	100
13) 1,4-Dichlorobenzene	6.87	146	681525	47.05	ng	99
14) 1,2-Dichlorobenzene	7.02	146	588749	43.47	ng	99
15) Benzyl Alcohol	6.98	79	515763	48.41	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	871877	42.17	ng	100
17) 2-Methylphenol	7.11	107	557927	50.48	ng	96
18) Hexachloroethane	7.36	117	236290	45.92	ng	# 76
19) n-Nitroso-di-n-propylamine	7.27	70	434974	46.03	ng	99
20) 3+4-Methylphenols	7.26	107	570794	43.56	ng	99
22) Acetophenone	7.26	105	782747	44.72	ng	98
24) Nitrobenzene	7.43	77	689953	48.76	ng	97
25) Isophorone	7.67	82	1182647	46.93	ng	98
26) 2-Nitrophenol	7.75	139	343191	64.05	ng	99
27) 2,4-Dimethylphenol	7.80	122	620393	50.60	ng	93
28) bis(2-Chloroethoxy)methane	7.89	93	768811	48.34	ng	99
29) 2,4-Dichlorophenol	7.99	162	534692	50.76	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	526211	47.92	ng	99
31) Naphthalene	8.15	128	1749211	45.66	ng	100
32) Benzoic acid	7.91	122	397874	52.12	ng	99
33) 4-Chloroaniline	8.20	127	70008	4.36	ng	96
34) Hexachlorobutadiene	8.29	225	267905	46.59	ng	99
35) Caprolactam	8.57	113	127455	36.05	ng	87
36) 4-Chloro-3-methylphenol	8.69	107	578608	52.17	ng	88
37) 2-Methylnaphthalene	8.85	142	1186889	47.84	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	448495	51.07	ng	99
40) Hexachlorocyclopentadiene	9.01	237	449640	102.48	ng	99

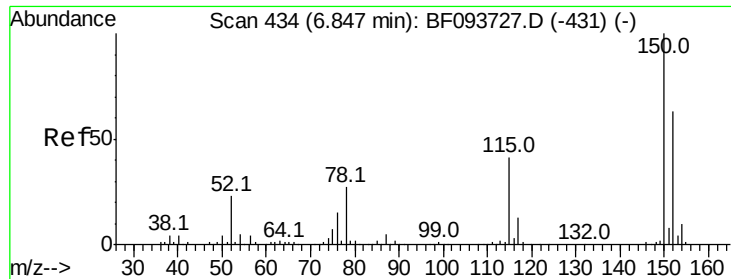
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	363878	56.19	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	345301	51.72	nq	# 85
45) 1,1'-Biphenyl	9.32	154	1414682	53.79	nq	99
46) 2-Chloronaphthalene	9.34	162	1108636	52.54	nq	99
47) 2-Nitroaniline	9.42	65	299856	49.12	nq	99
48) Acenaphthylene	9.75	152	1752969	50.94	nq	100
49) Dimethylphthalate	9.61	163	1171787	47.83	nq	100
50) 2,6-Dinitrotoluene	9.67	165	311039	58.78	nq	97
51) Acenaphthene	9.92	154	1158455	57.12	nq	99
52) 3-Nitroaniline	9.83	138	73749	11.75	nq	87
53) 2,4-Dinitrophenol	9.94	184	270417	103.27	nq	# 52
54) Dibenzofuran	10.09	168	1476876	53.57	nq	98
55) 4-Nitrophenol	10.00	139	592399	125.08	nq	91
56) 2,4-Dinitrotoluene	10.07	165	350772	49.80	nq	# 74
57) Fluorene	10.44	166	1108596	49.57	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	261030	56.85	nq	97
59) Diethylphthalate	10.32	149	1243250	53.32	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	442556	46.97	nq	98
61) 4-Nitroaniline	10.45	138	277598	47.51	nq	90
62) Azobenzene	10.58	77	1310631	55.63	nq	100
64) 4,6-Dinitro-2-methylphenol	10.48	198	184542	54.02	nq	# 43
65) n-Nitrosodiphenylamine	10.55	169	1073866	50.19	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	282840	47.21	nq	96
67) Hexachlorobenzene	10.98	284	305299	48.75	nq	# 93
68) Atrazine	11.08	200	337589	54.79	nq	97
69) Pentachlorophenol	11.17	266	341513	95.19	nq	99
70) Phenanthrene	11.39	178	1599653	44.64	nq	99
71) Anthracene	11.44	178	1585128	45.21	nq	100
72) Carbazole	11.59	167	1462430	39.84	nq	99
73) Di-n-butylphthalate	11.93	149	1715278	45.72	nq	100
74) Fluoranthene	12.57	202	1623943	46.76	nq	100
76) Benzidine	12.69	184	474031	29.46	nq	95
77) Pyrene	12.80	202	1700124	48.55	nq	100
79) Butylbenzylphthalate	13.43	149	800879	53.84	nq	100
80) Benzo(a)anthracene	13.98	228	1296922	49.08	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	173379	18.70	nq	98
82) Chrysene	14.03	228	1295463	50.72	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	843200	51.55	nq	100
84) Di-n-octyl phthalate	14.60	149	1764921	58.53	nq	98
85) Indeno(1,2,3-cd)pyrene	16.79	276	1132595	52.36	nq	99
87) Benzo(b)fluoranthene	15.01	252	1235470	43.51	nq	98
88) Benzo(k)fluoranthene	15.01	252	1235470	49.23	nq	97
89) Benzo(a)pyrene	15.35	252	1183519	47.16	nq	97
90) Dibenzo(a,h)anthracene	16.80	278	950728	44.78	nq	96
91) Benzo(g,h,i)perylene	17.20	276	929687	43.06	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

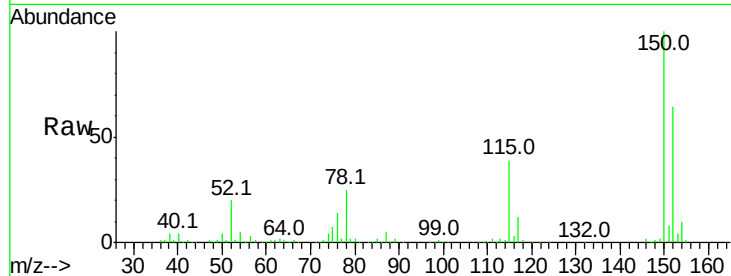
Tot Ion:152 Resp: 191446

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

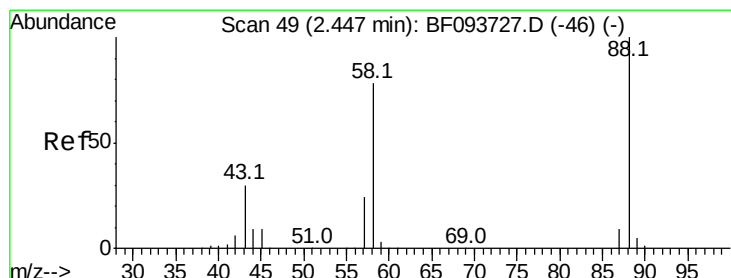
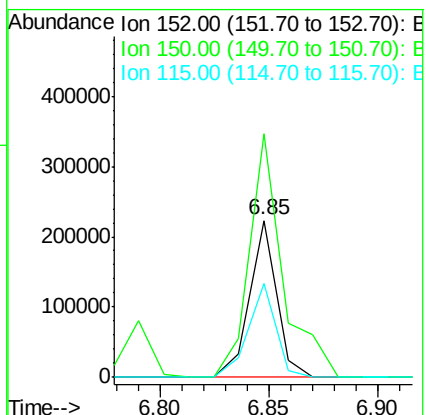
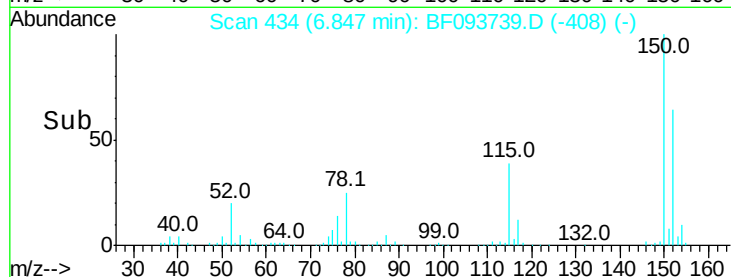
115 60.1 52.2 78.2



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: 41.71 ng

RT: 2.55 min Scan# 58

Delta R.T. 0.10 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

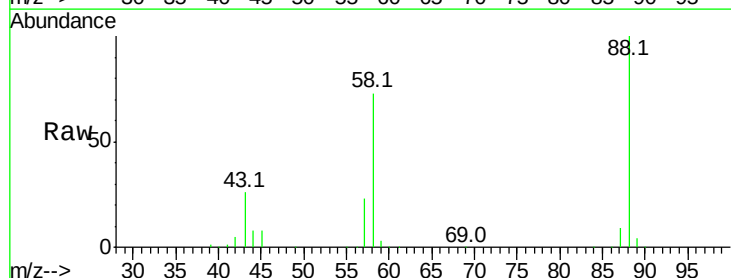
Tgt Ion: 88 Resp: 247303

Ion Ratio Lower Upper

88 100

58 76.2 61.4 92.0

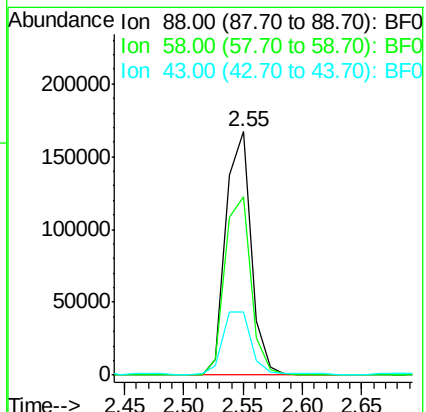
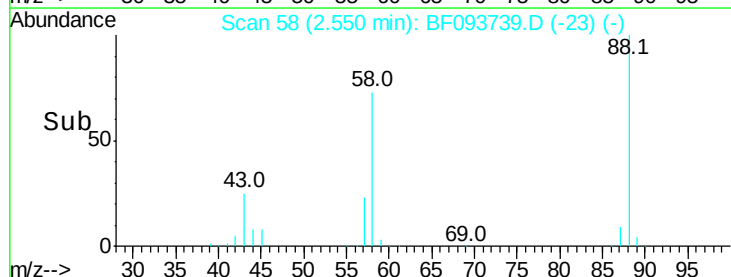
43 28.9 23.4 35.0

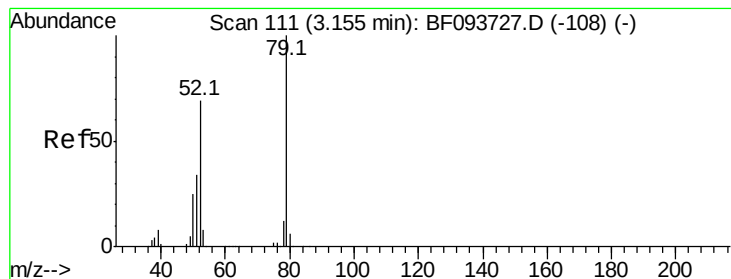


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.88 ng

RT: 3.25 min Scan# 119

Delta R.T. 0.09 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

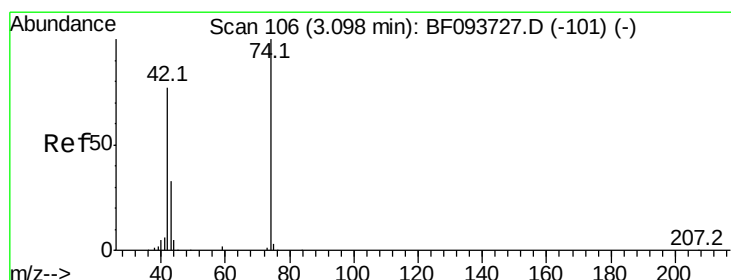
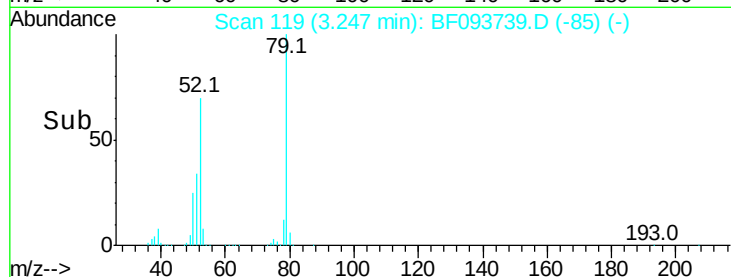
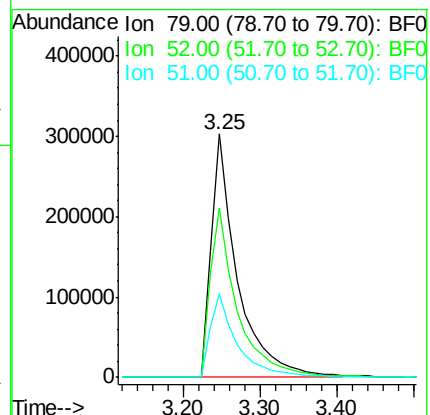
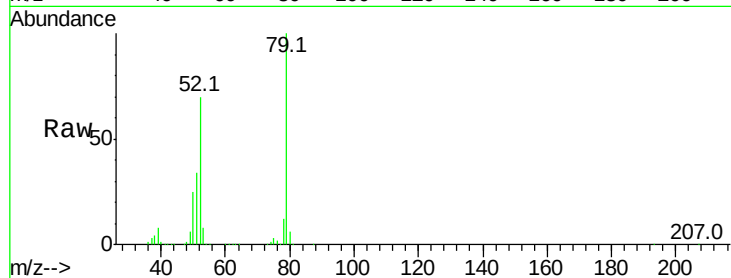
Tot Ion: 79 Resp: 711584

Ion Ratio Lower Upper

79 100

52 69.6 54.8 82.2

51 34.3 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 46.50 ng

RT: 3.19 min Scan# 114

Delta R.T. 0.09 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

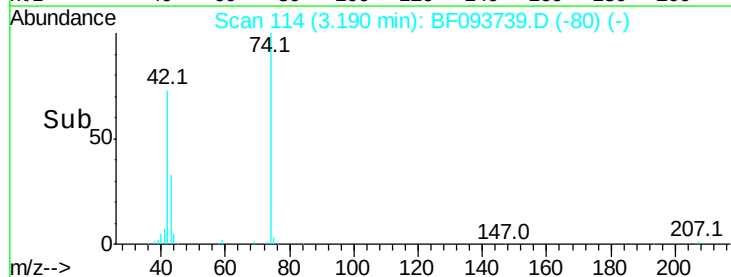
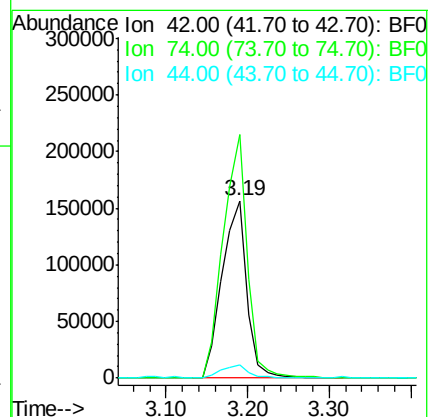
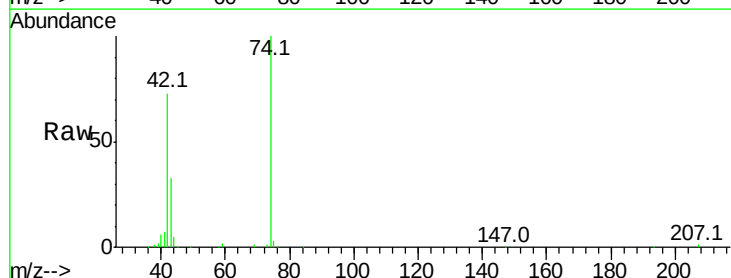
Tgt Ion: 42 Resp: 329989

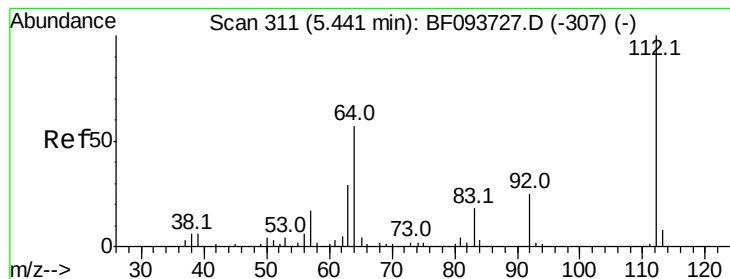
Ion Ratio Lower Upper

42 100

74 137.4 103.9 155.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 144.69 ng

RT: 5.45 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

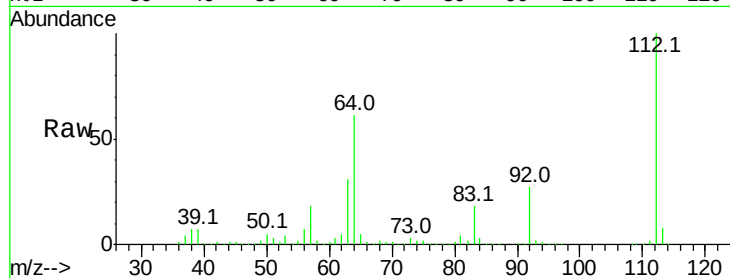
Tot Ion:112 Resp: 1661516

Ion Ratio Lower Upper

112 100

64 60.9 46.0 69.0

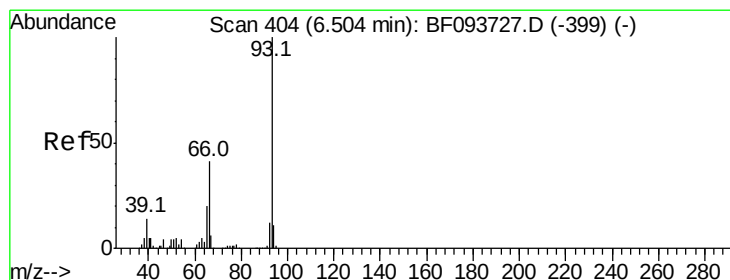
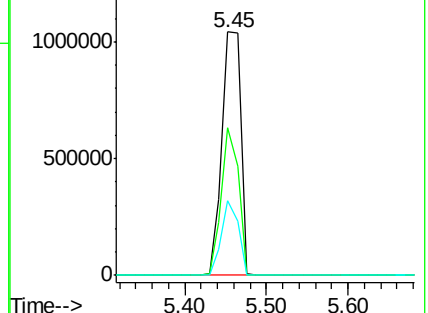
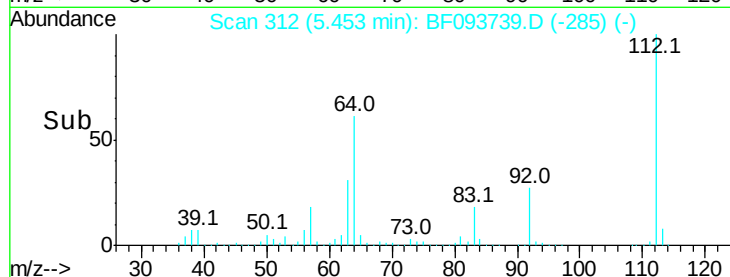
63 30.6 23.4 35.0



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: 11.21 ng

RT: 6.50 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

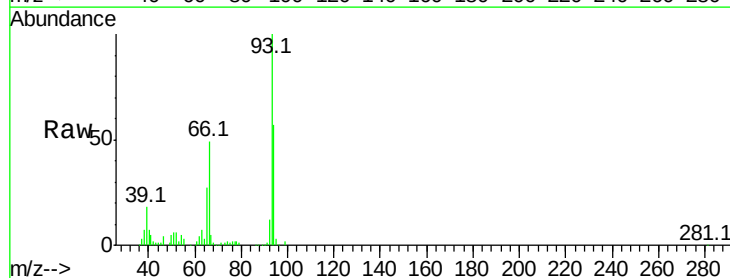
Tgt Ion: 93 Resp: 228098

Ion Ratio Lower Upper

93 100

66 48.9 32.9 49.3

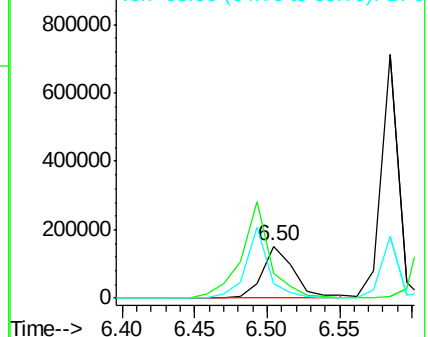
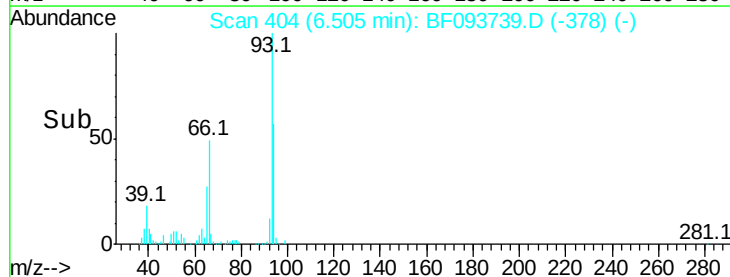
65 27.3 16.0 24.0#

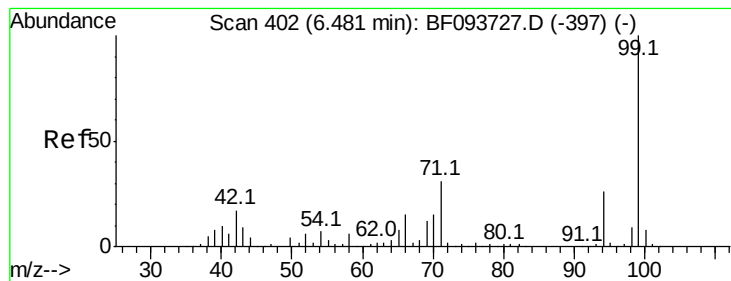


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.65 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

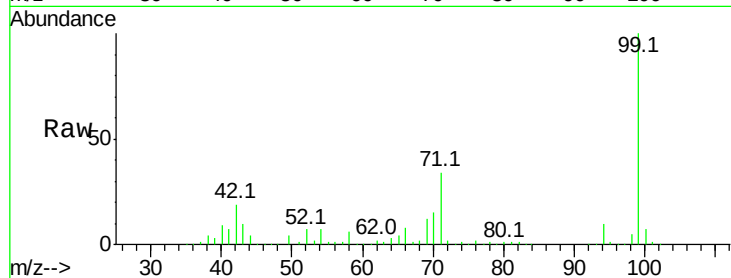
BNA_F

ClientSampleId :

PB97641BS

Tot Ion: 99 Resp: 1887875

Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.5	20.3
71	33.8	24.5	36.7

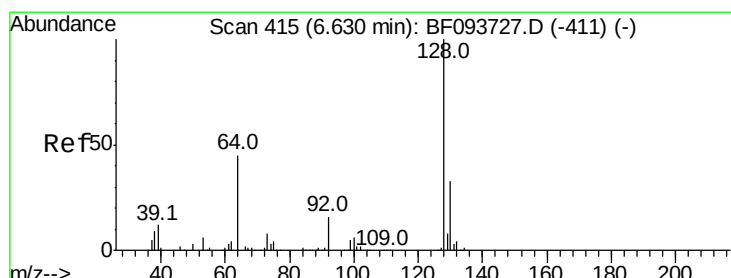
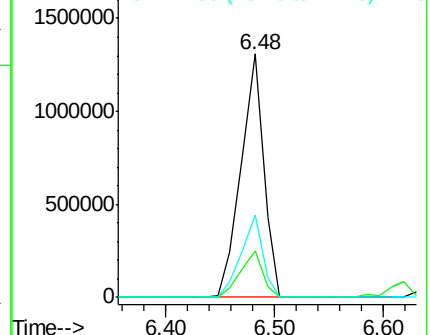
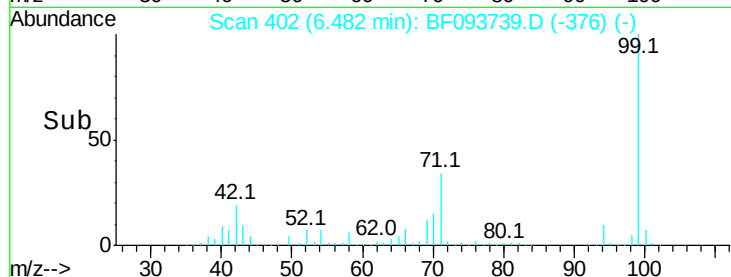


Abundance

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: 46.40 ng

RT: 6.63 min Scan# 415

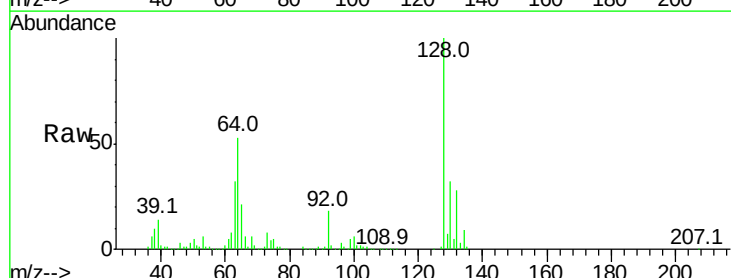
Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion: 128 Resp: 592387

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	53.0	28.4	68.4

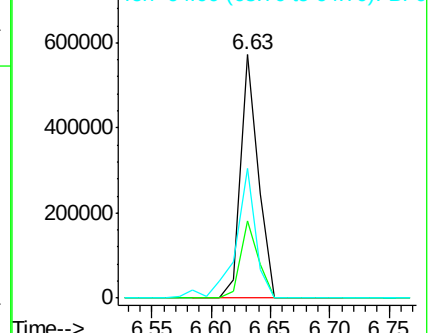
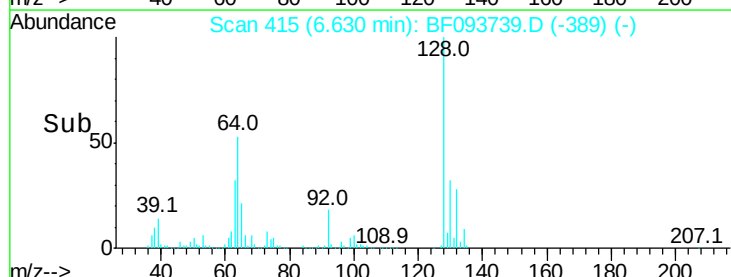


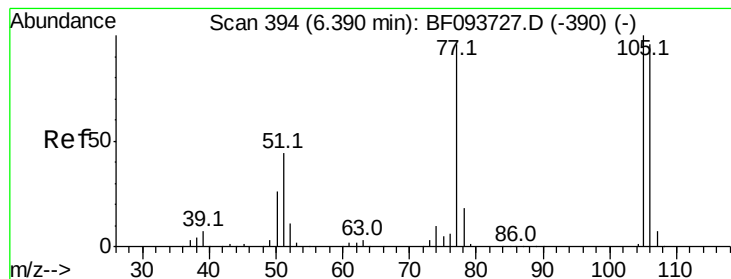
Abundance

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: 36.35 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

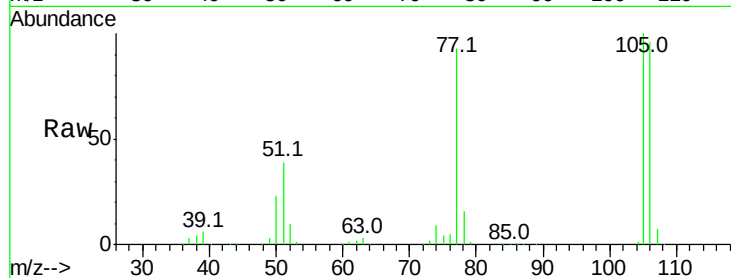
Tot Ion: 77 Resp: 291082

Ion Ratio Lower Upper

77 100

105 107.9 83.8 123.8

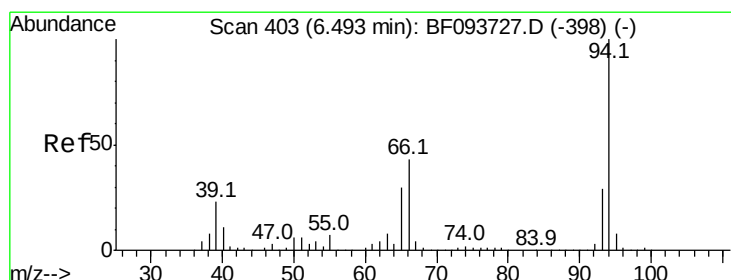
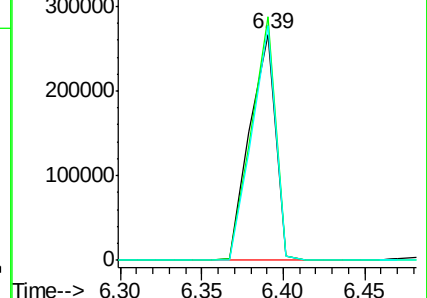
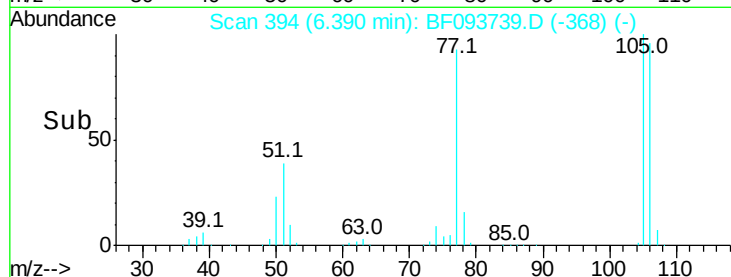
106 104.0 79.1 119.1



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: 37.92 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

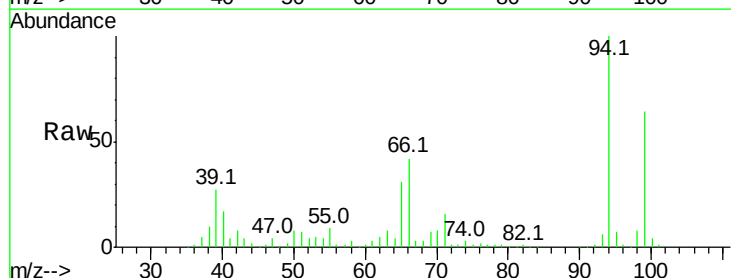
Tgt Ion: 94 Resp: 630997

Ion Ratio Lower Upper

94 100

65 30.7 9.9 49.9

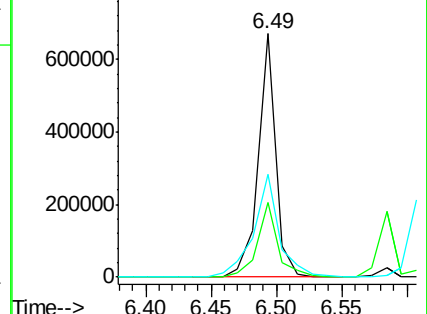
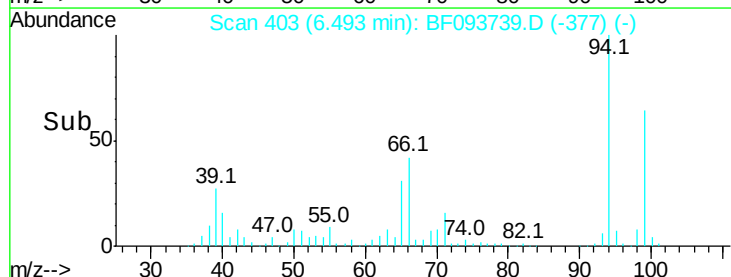
66 42.2 23.1 63.1

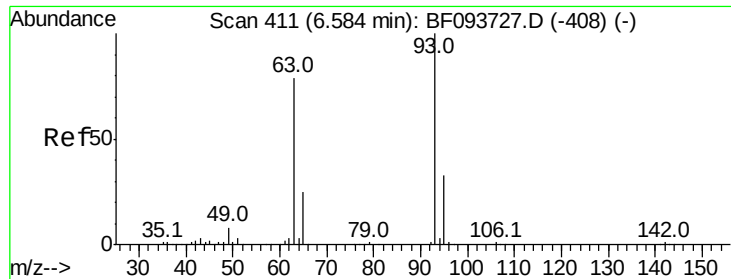


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.41 ng

RT: 6.58 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

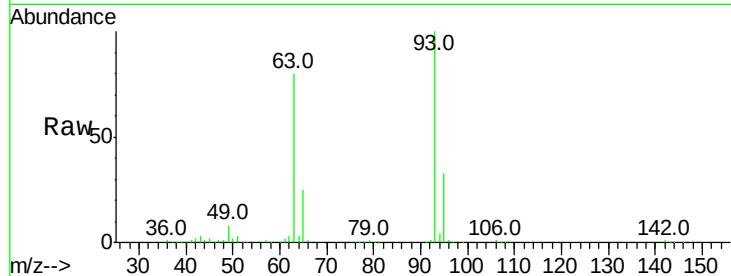
Tot Ion: 93 Resp: 569226

Ion Ratio Lower Upper

93 100

63 80.0 59.2 99.2

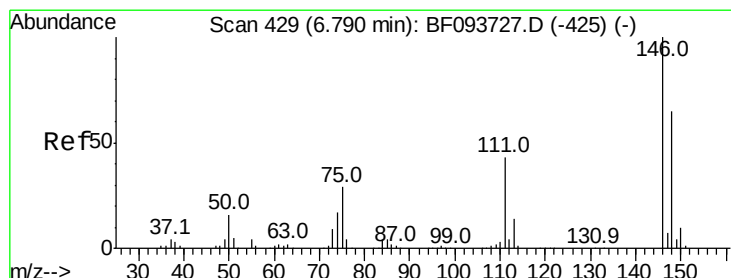
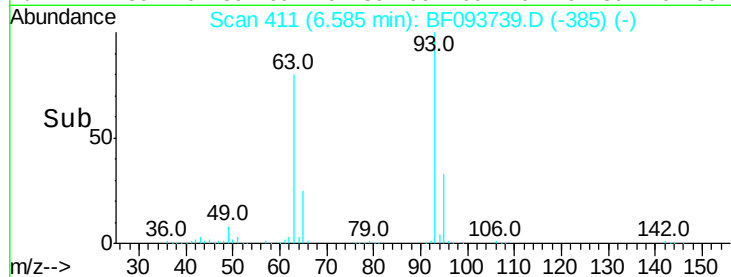
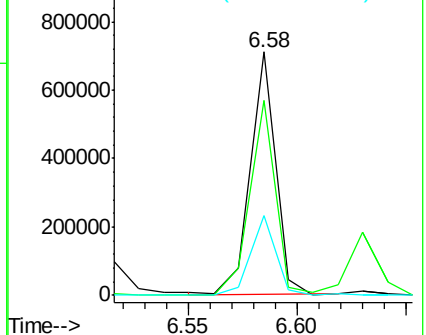
95 32.8 12.8 52.8



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: 46.94 ng

RT: 6.79 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

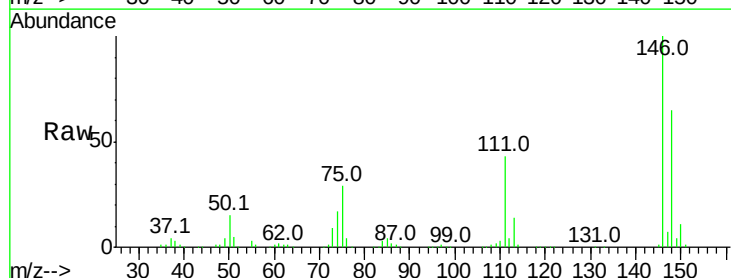
Tgt Ion: 146 Resp: 664024

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.6

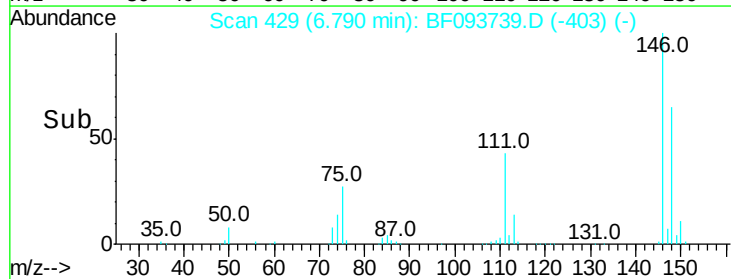
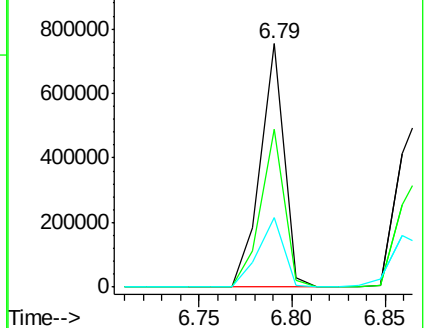
75 28.5 23.1 34.7

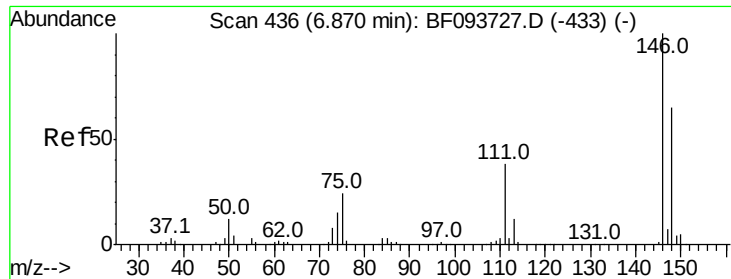


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

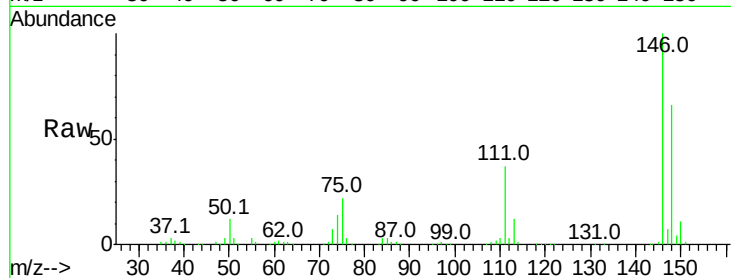




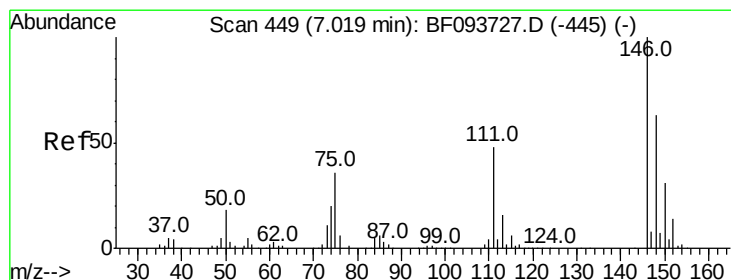
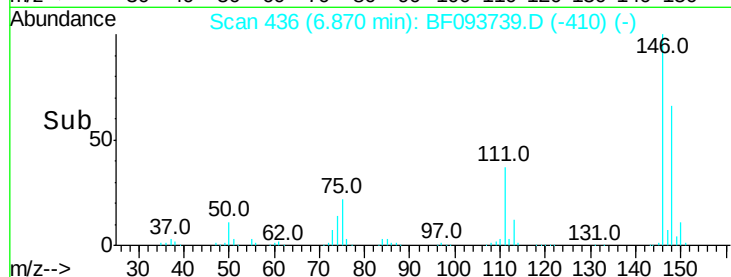
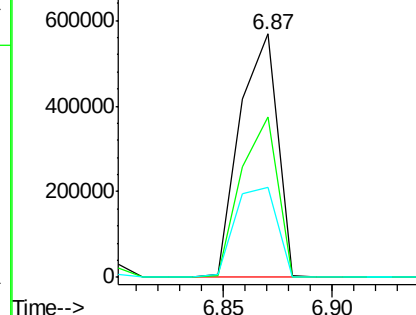
#13
 1,4-Dichlorobenzene
 Concen: 47.05 ng
 RT: 6.87 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tot Ion:146 Resp: 681525
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.2 78.2
 111 37.2 30.3 45.5

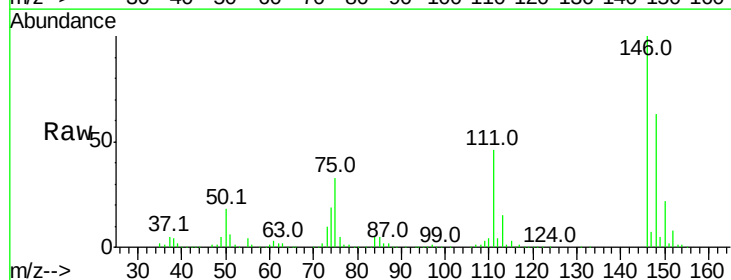


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

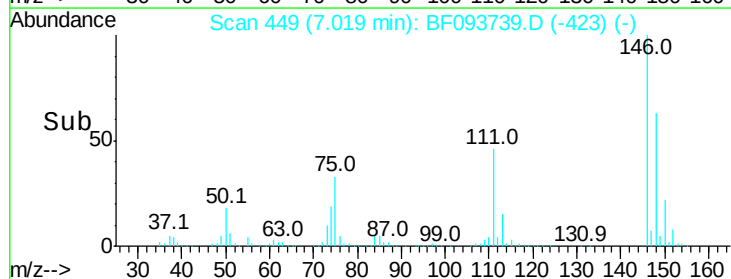
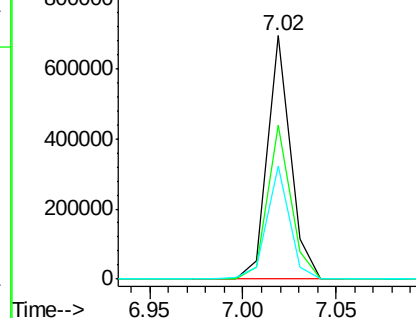


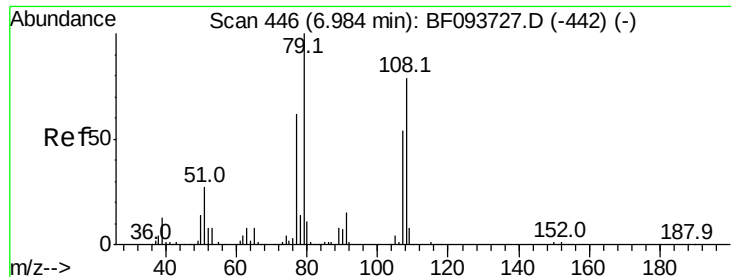
#14
 1,2-Dichlorobenzene
 Concen: 43.47 ng
 RT: 7.02 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion:146 Resp: 588749
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 46.5 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: 48.41 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampled :

PB97641BS

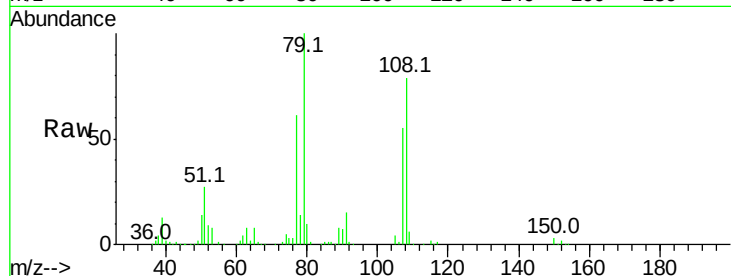
Tot Ion: 79 Resp: 515763

Ion Ratio Lower Upper

79 100

108 78.8 63.4 95.0

77 60.8 49.2 73.8



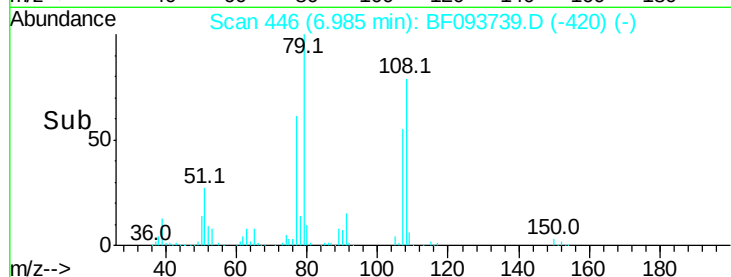
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

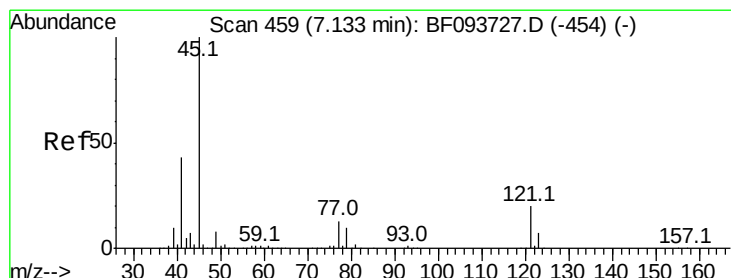
Ion 77.00 (76.70 to 77.70): BF0

6.98

Time-->



Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.17 ng

RT: 7.13 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

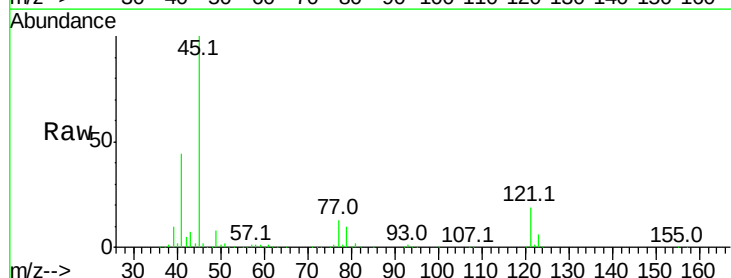
Tgt Ion: 45 Resp: 871877

Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.2

79 10.1 0.0 30.0



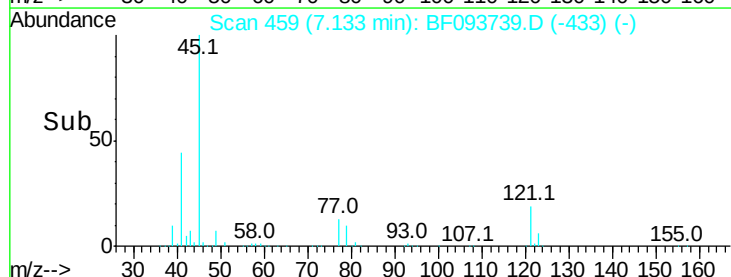
Abundance Ion 45.00 (44.70 to 45.70): BF0

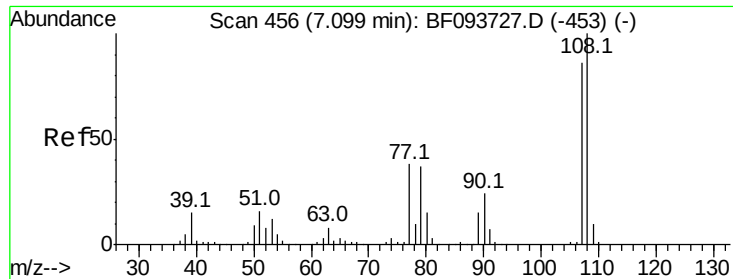
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

7.13

Time-->





#17

2-Methylphenol

Concen: 50.48 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.01 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

Tot Ion:107 Resp: 557927

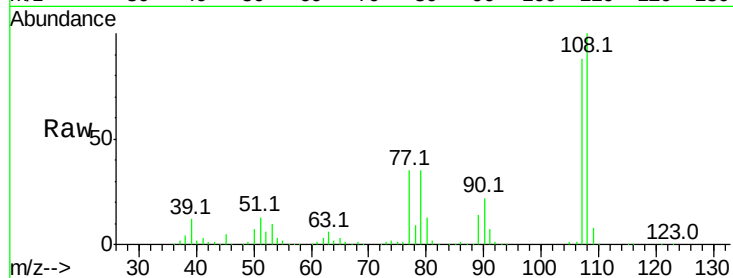
Ion Ratio Lower Upper

107 100

108 113.6 93.4 140.0

77 39.9 35.8 53.6

79 39.7 34.8 52.2

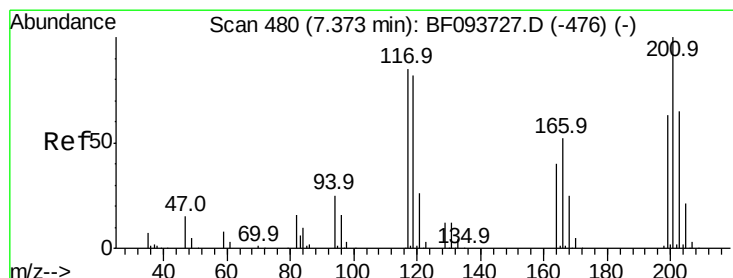
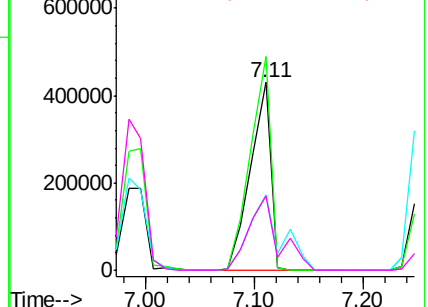
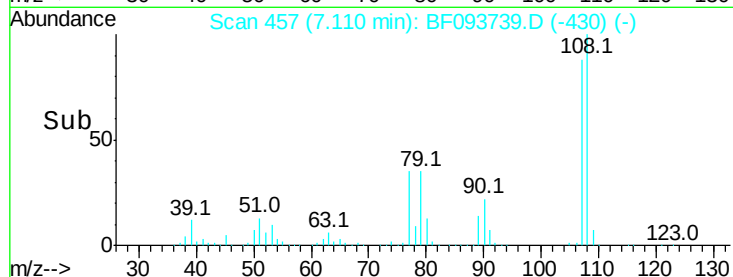


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.92 ng

RT: 7.36 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

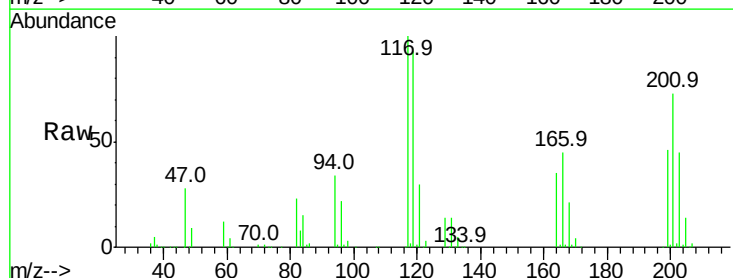
Tgt Ion:117 Resp: 236290

Ion Ratio Lower Upper

117 100

119 93.2 77.4 116.0

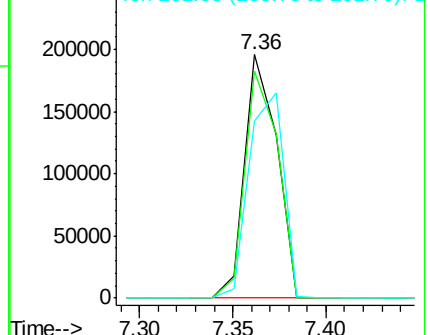
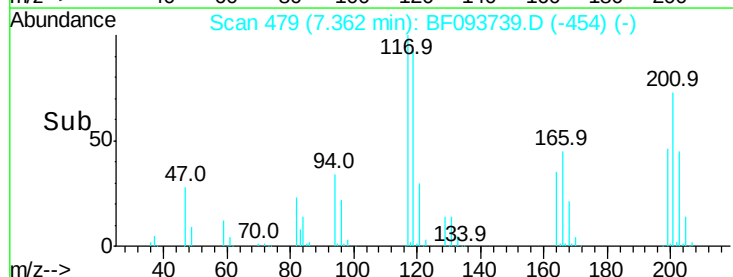
201 72.6 94.6 141.8#

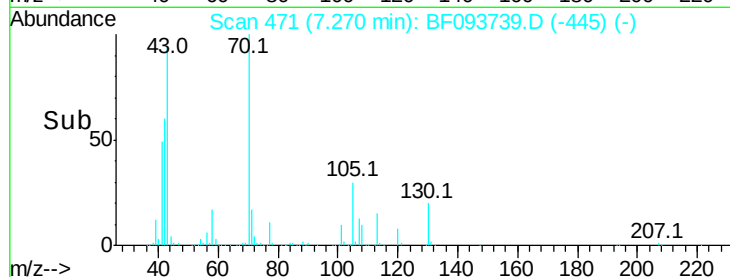
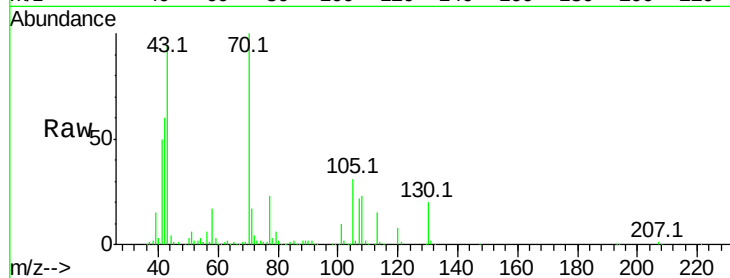
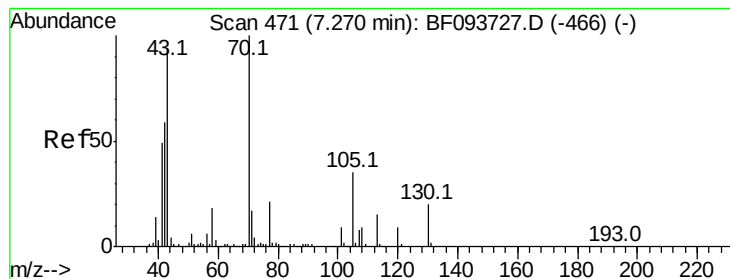


Abundance Ion 117.00 (116.70 to 117.70): E

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: 46.03 ng

RT: 7.27 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

Tot Ion: 70 Resp: 434974

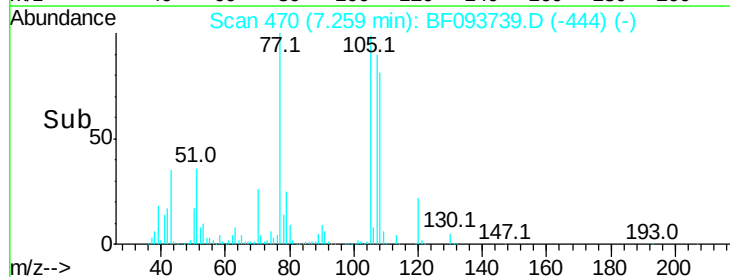
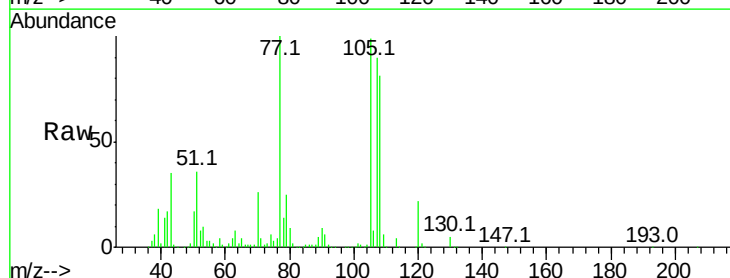
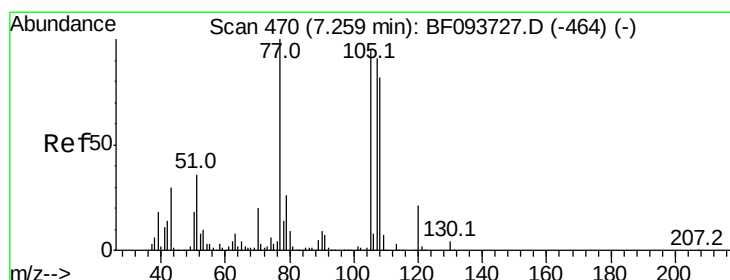
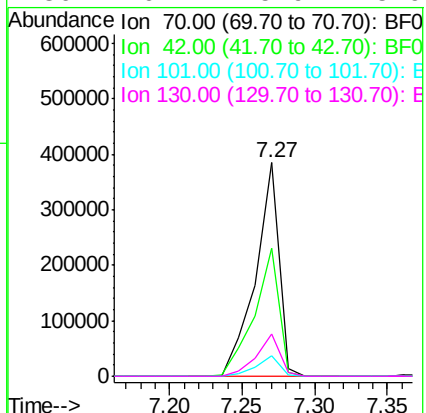
Ion Ratio Lower Upper

70 100

42 60.2 47.2 70.8

101 9.7 7.2 10.8

130 20.1 15.9 23.9



#20

3+4-Methylphenols

Concen: 43.56 ng

RT: 7.26 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion: 107 Resp: 570794

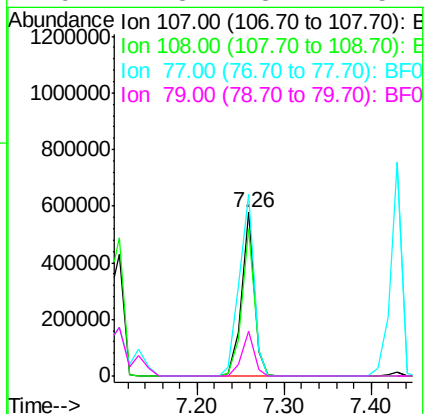
Ion Ratio Lower Upper

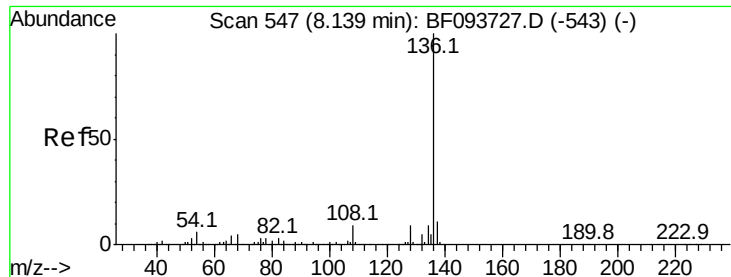
107 100

108 89.9 71.0 111.0

77 111.6 90.5 130.5

79 27.8 8.4 48.4

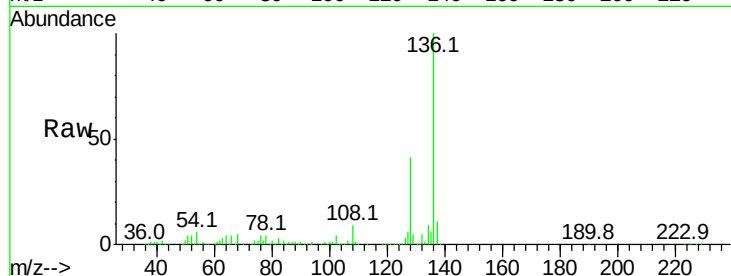




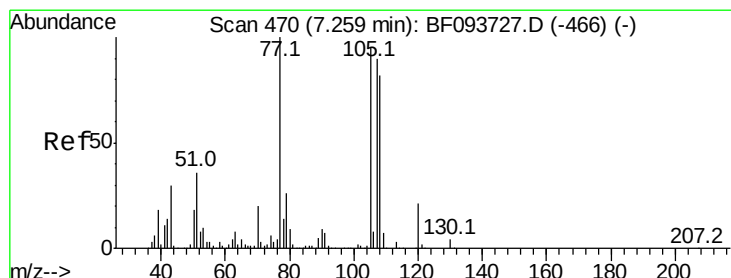
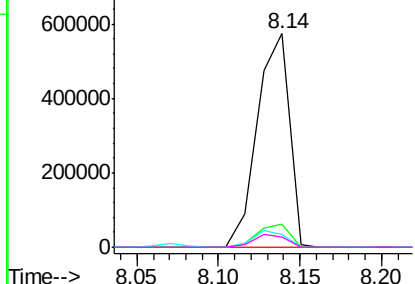
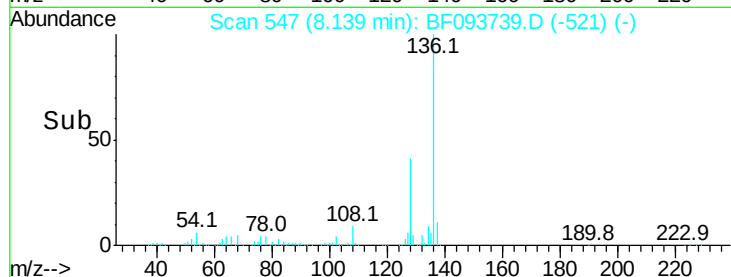
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

Tot Ion:136	Resp:	785684
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	5.7	4.9 7.3
68	4.8	4.1 6.1

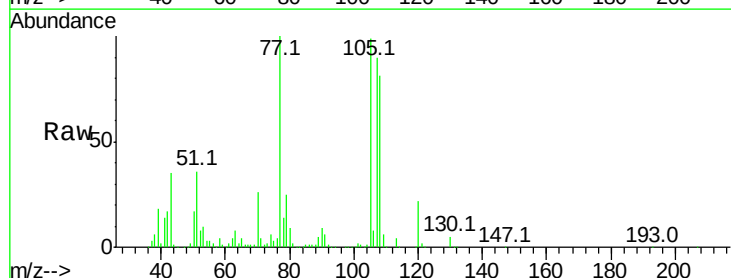


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

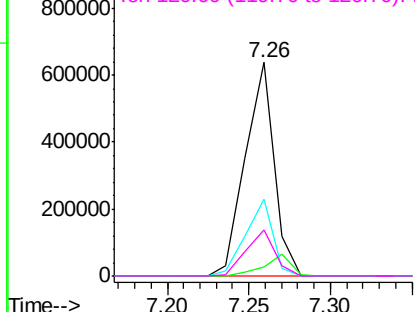
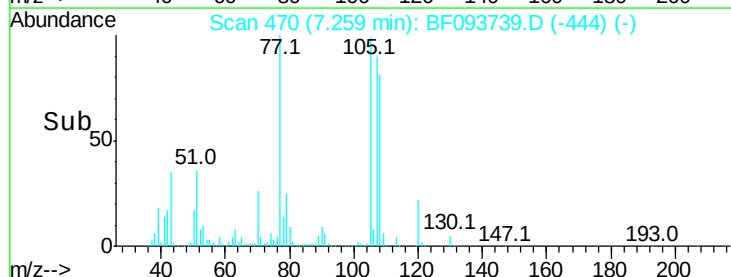


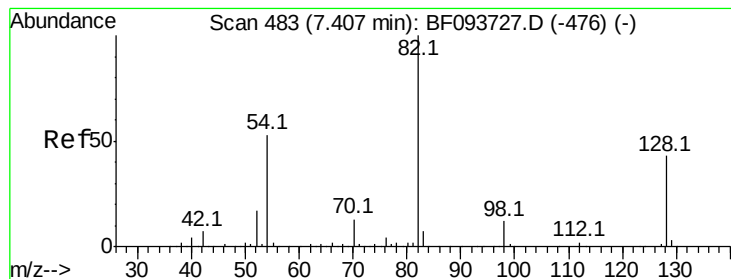
#22
Acetophenone
Concen: 44.72 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion:105	Resp:	782747
Ion Ratio	Lower	Upper
105	100	
71	4.1	2.8 4.2
51	36.2	30.7 46.1
120	21.8	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.83 ng

RT: 7.41 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

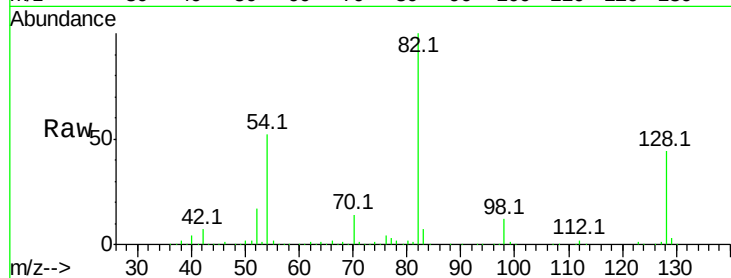
Tot Ion: 82 Resp: 1267581

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	52.0	42.2	63.2

82 100

128 43.5 34.0 51.0

54 52.0 42.2 63.2

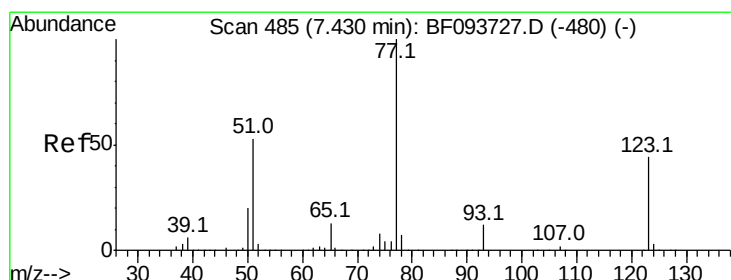
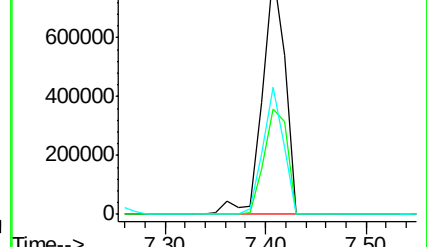
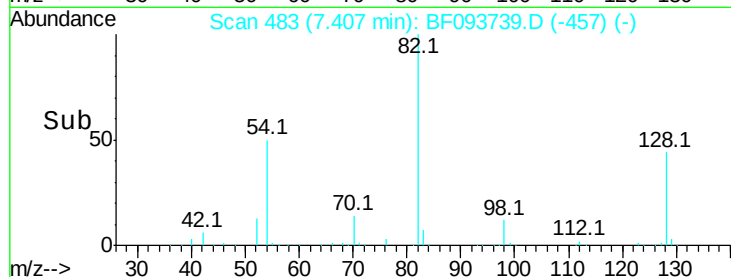


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Time-->



#24

Nitrobenzene

Concen: 48.76 ng

RT: 7.43 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

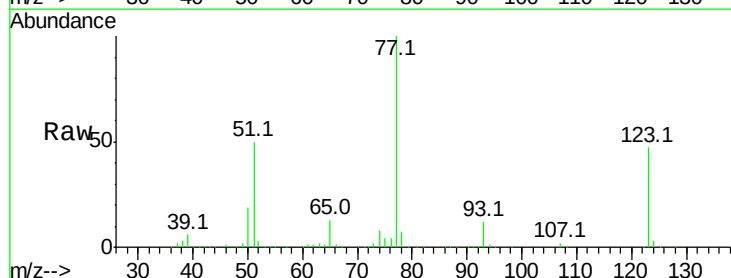
Tgt Ion: 77 Resp: 689953

Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.8	53.8
65	13.3	10.6	15.8

77 100

123 47.0 35.8 53.8

65 13.3 10.6 15.8

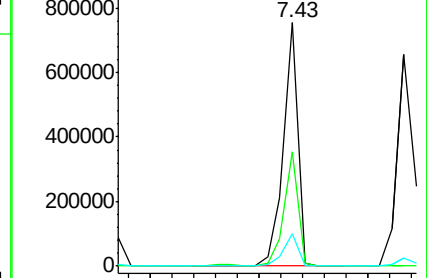
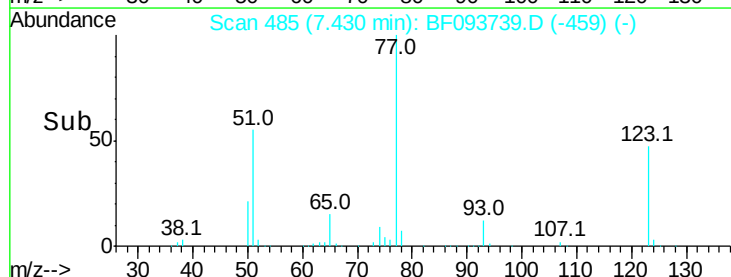


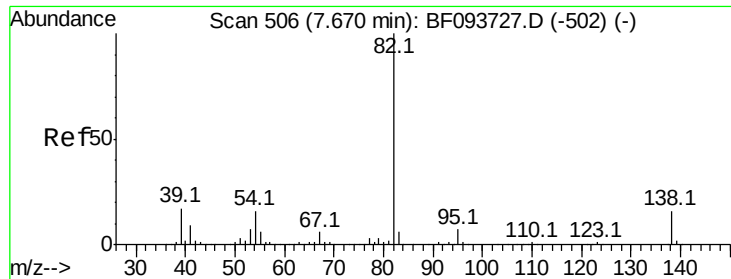
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->





#25

Isophorone

Concen: 46.93 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

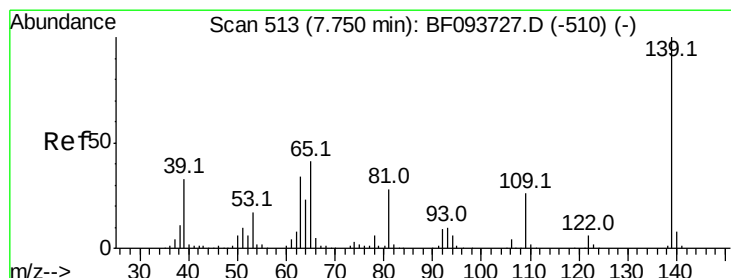
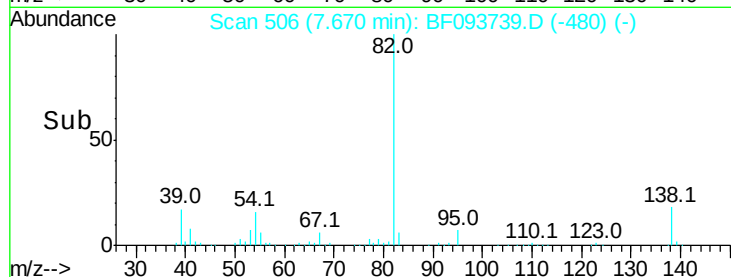
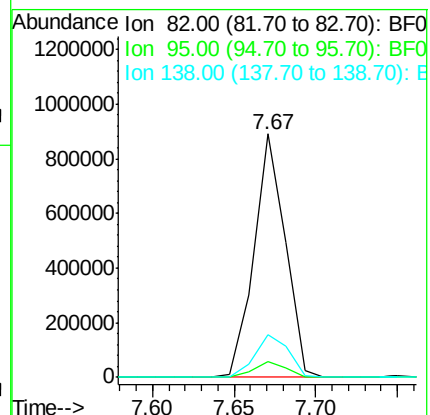
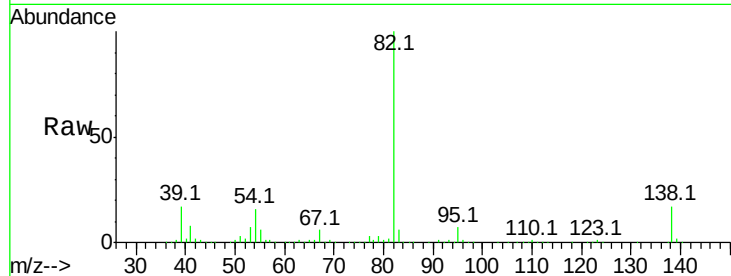
Tot Ion: 82 Resp: 1182647

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 17.4 13.1 19.7



#26

2-Nitrophenol

Concen: 64.05 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

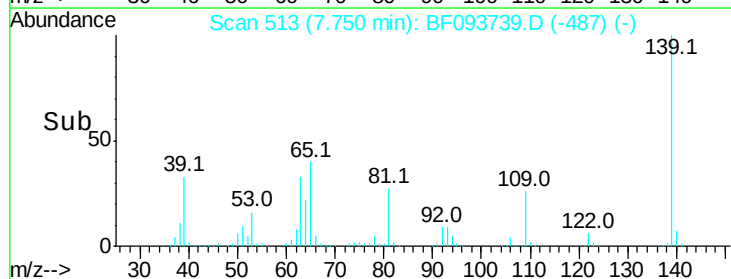
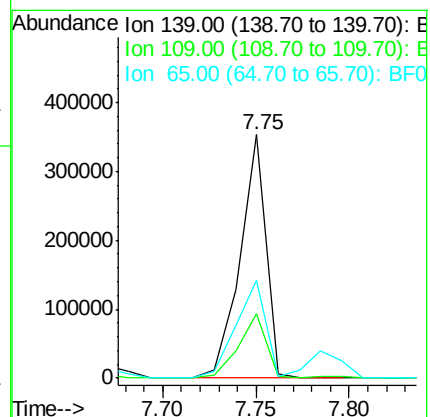
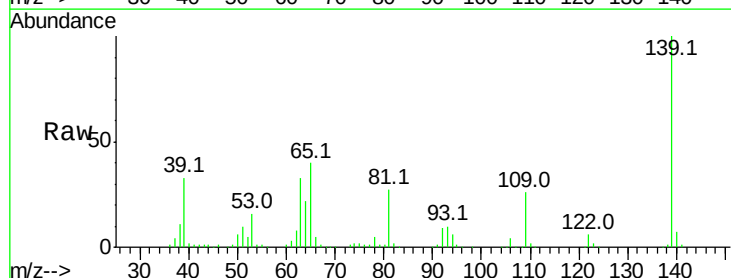
Tgt Ion: 139 Resp: 343191

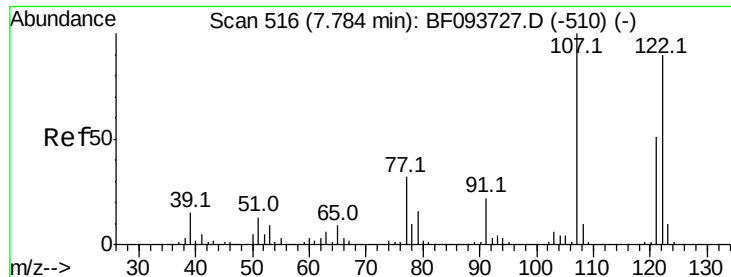
Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.6

65 40.1 33.0 49.6

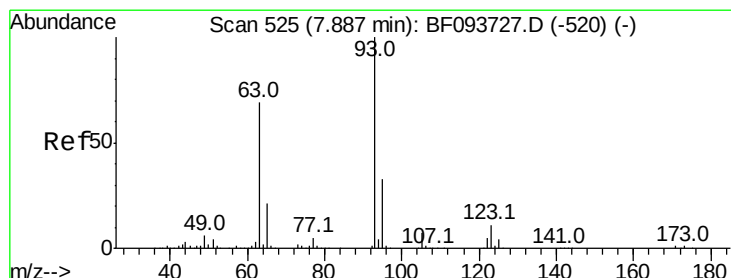
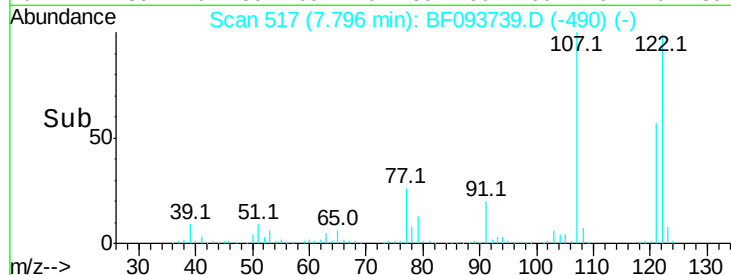
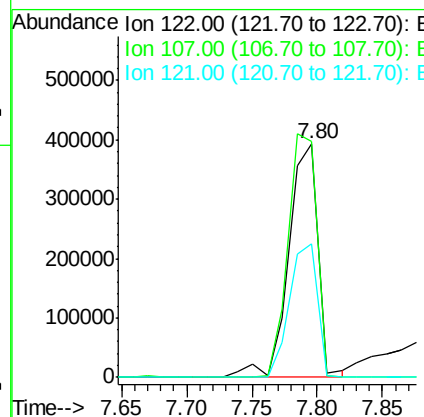
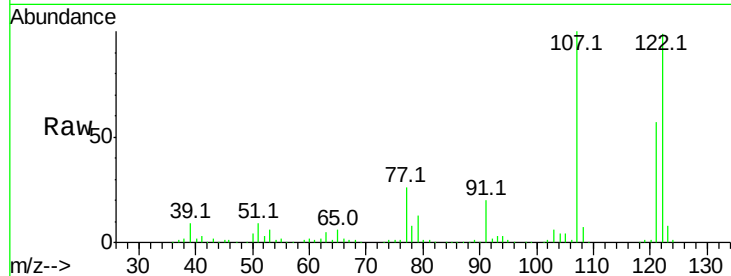




#27
 2,4-Dimethylphenol
 Concen: 50.60 ng
 RT: 7.80 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

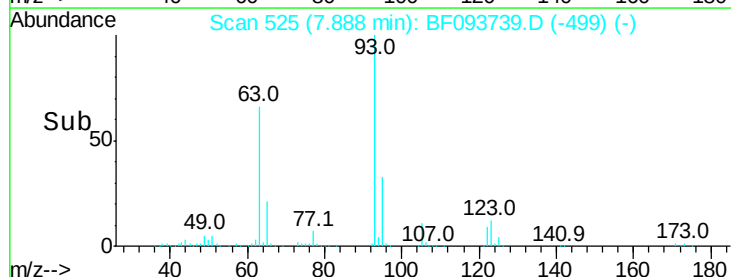
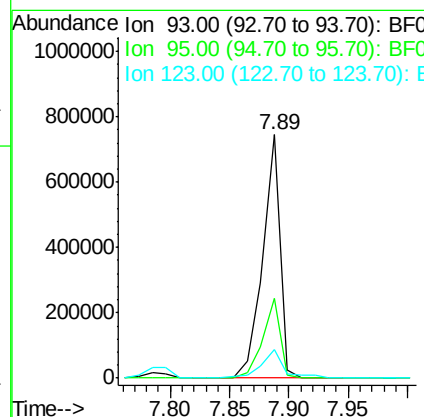
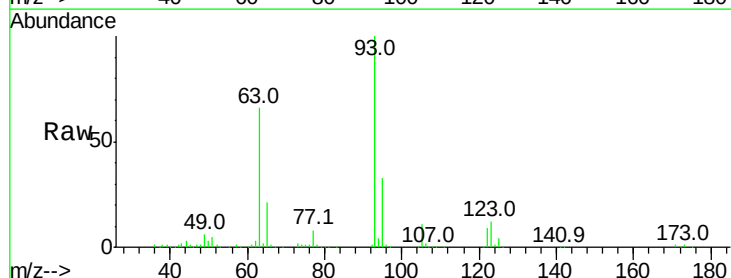
Instrument :
 BNA_F
 ClientSampled :
 PB97641BS

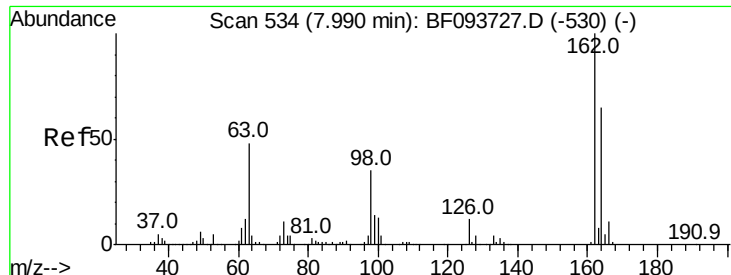
Tot Ion:122 Resp: 620393
 Ion Ratio Lower Upper
 122 100
 107 101.0 89.2 133.8
 121 57.2 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.34 ng
 RT: 7.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion: 93 Resp: 768811
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 11.9 9.0 13.4

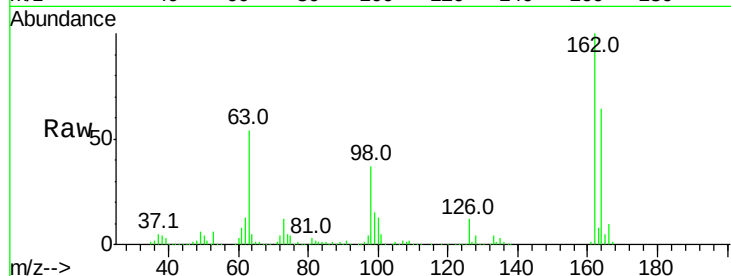




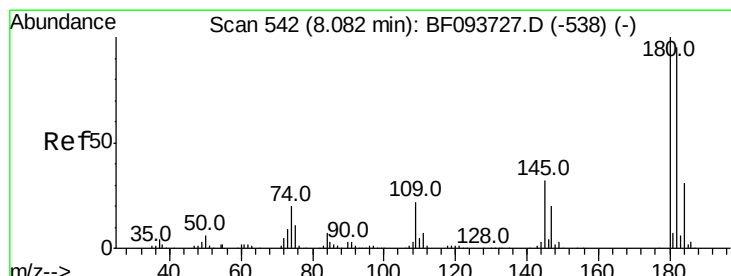
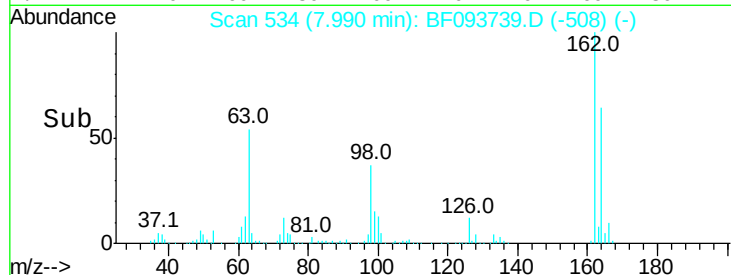
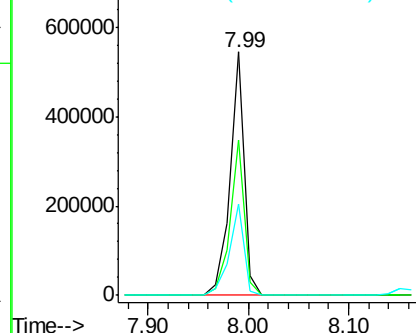
#29
2,4-Dichlorophenol
Concen: 50.76 ng
RT: 7.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	37.4	14.8	54.8

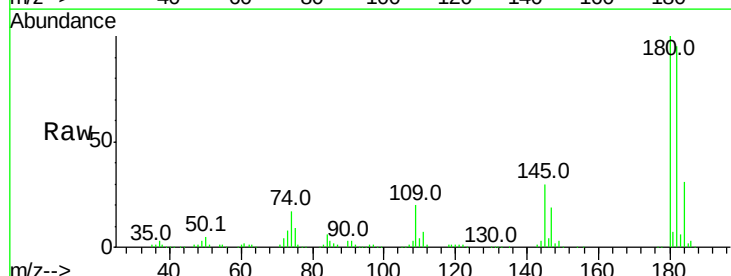


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

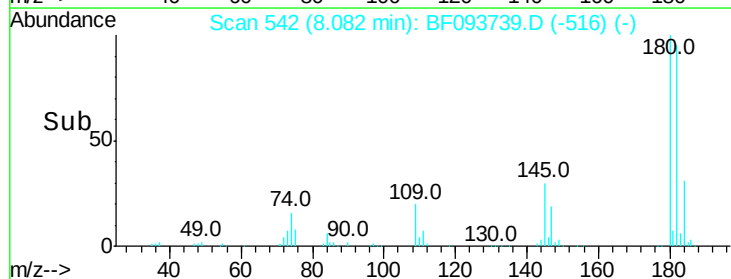
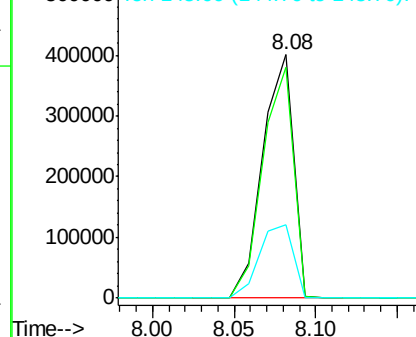


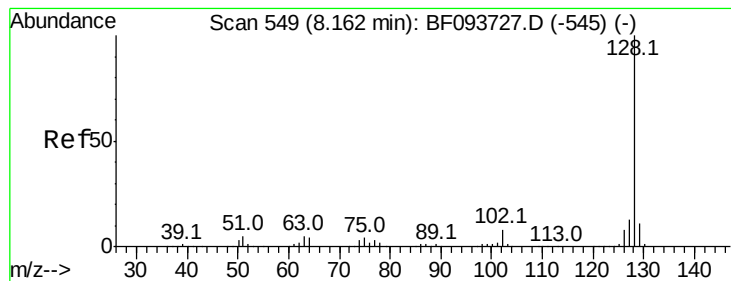
#30
1,2,4-Trichlorobenzene
Concen: 47.92 ng
RT: 8.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.6
145	30.2	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.66 ng

RT: 8.15 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

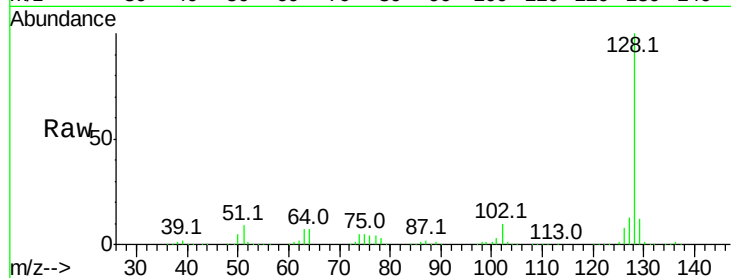
Tot Ion:128 Resp: 1749211

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

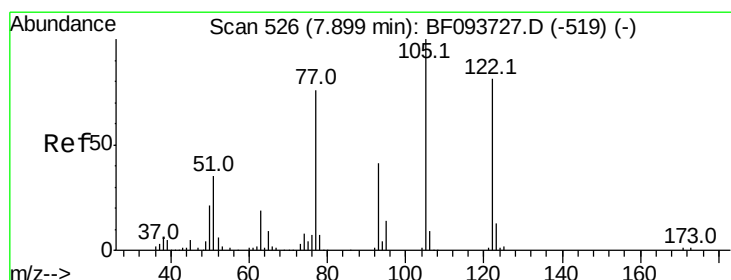
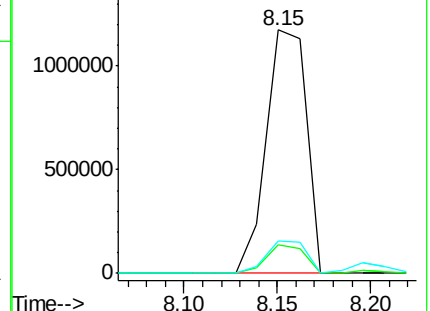
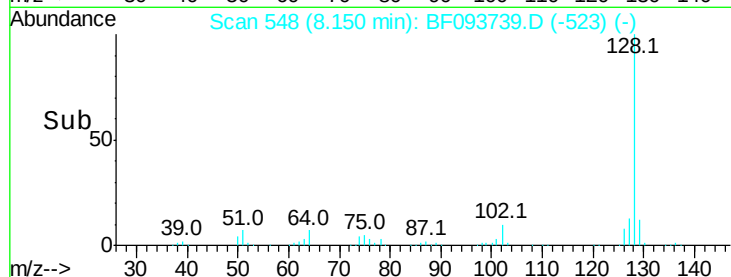
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.12 ng

RT: 7.91 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

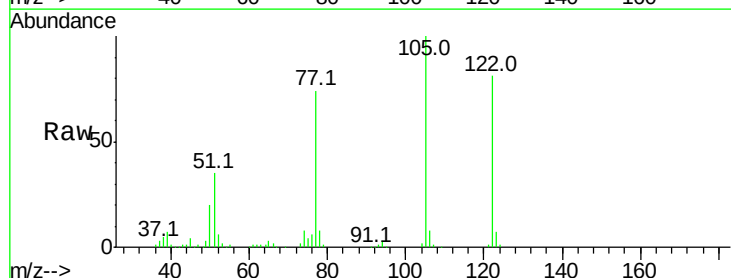
Tgt Ion:122 Resp: 397874

Ion Ratio Lower Upper

122 100

105 123.5 103.3 143.3

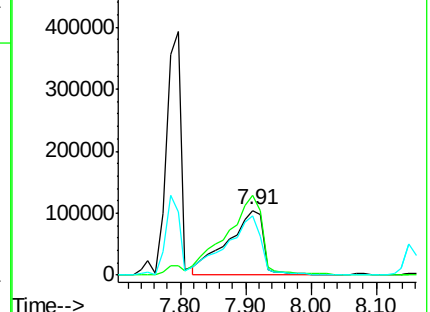
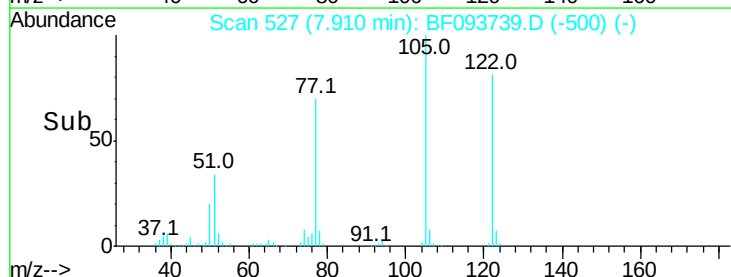
77 91.7 73.7 113.7

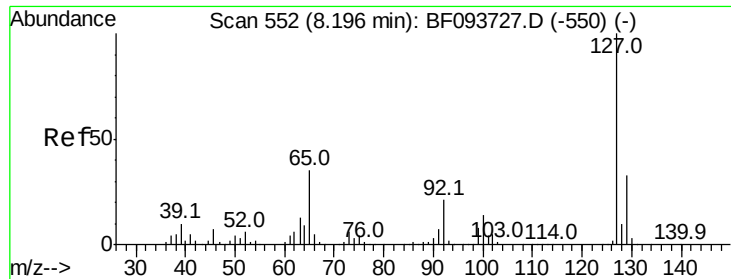


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

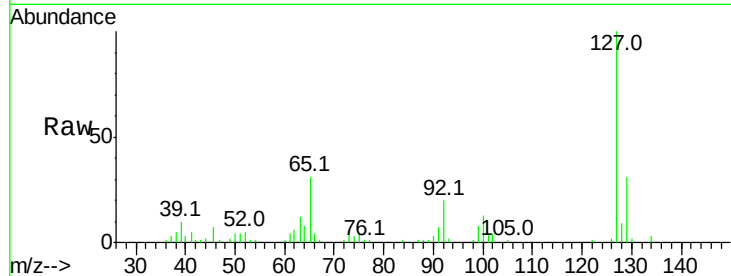




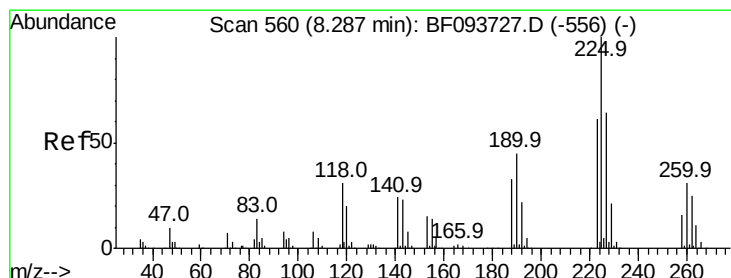
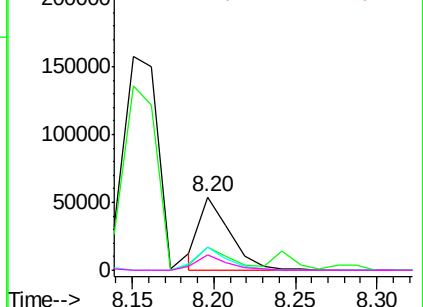
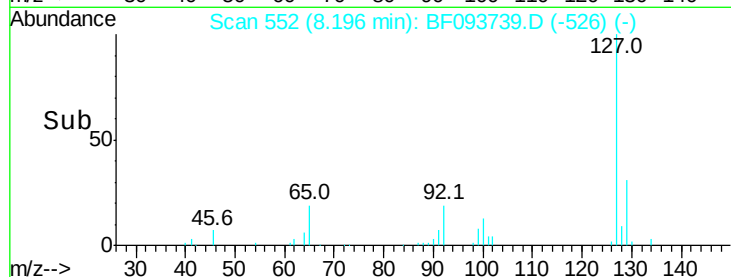
#33
4-Chloroaniline
Concen: 4.36 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

Tot Ion:	127	Resp:	70008
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	31.4	27.8	41.8
92	20.2	16.8	25.2

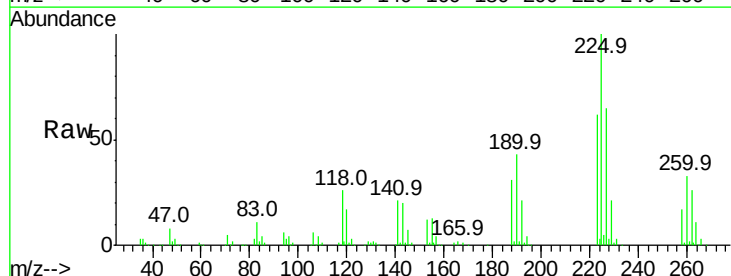


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

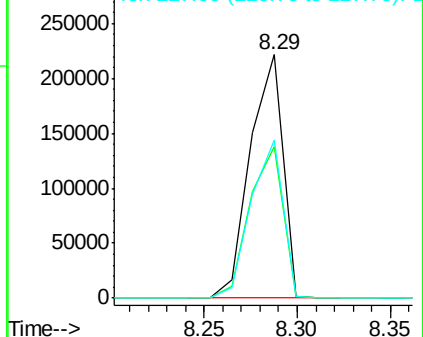
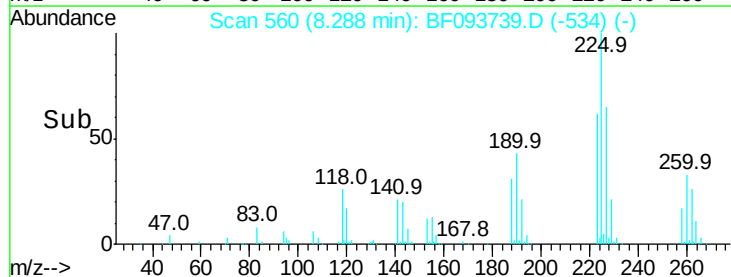


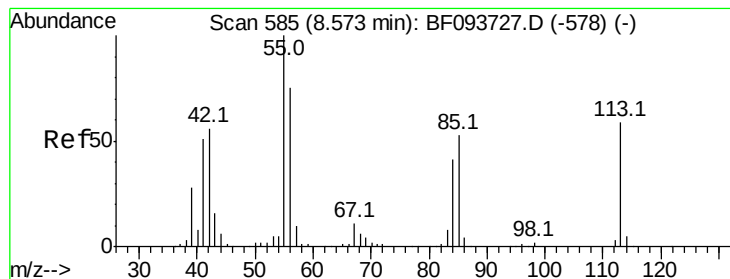
#34
Hexachlorobutadiene
Concen: 46.59 ng
RT: 8.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion:	225	Resp:	267905
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.8	73.2
227	64.8	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: 36.05 ng

RT: 8.57 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

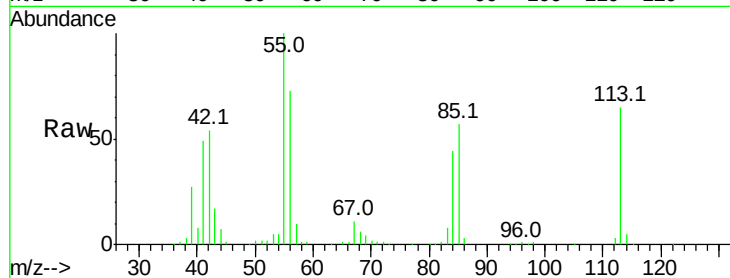
Tot Ion:113 Resp: 127455

Ion Ratio Lower Upper

113 100

55 153.6 150.2 190.2

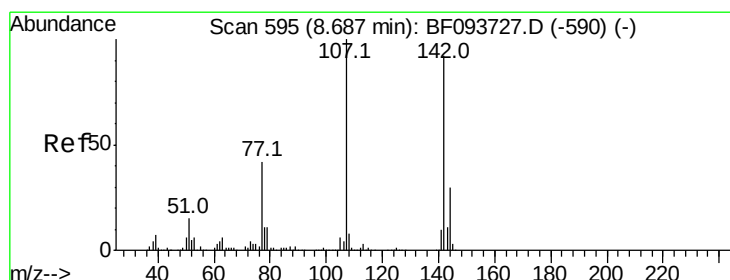
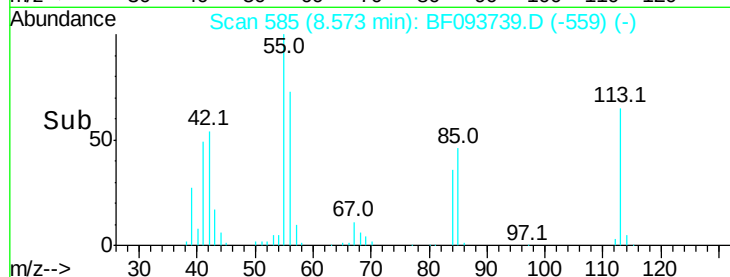
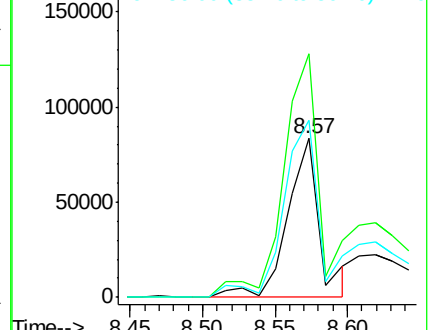
56 112.1 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.17 ng

RT: 8.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

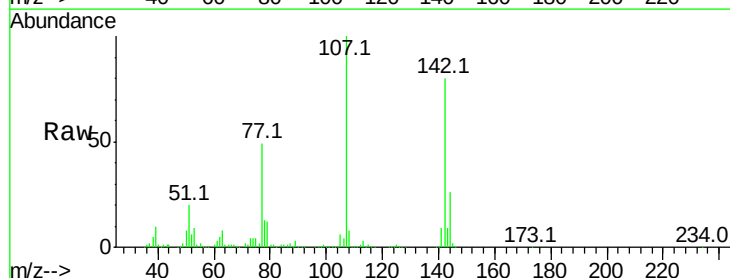
Tgt Ion:107 Resp: 578608

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

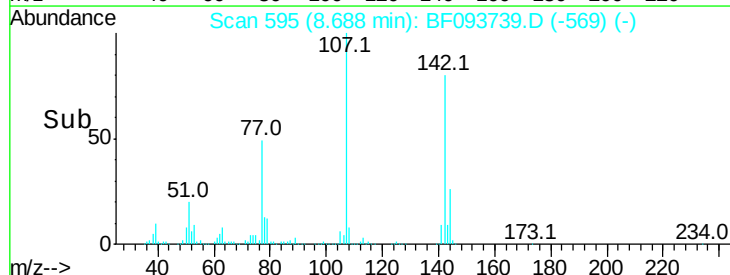
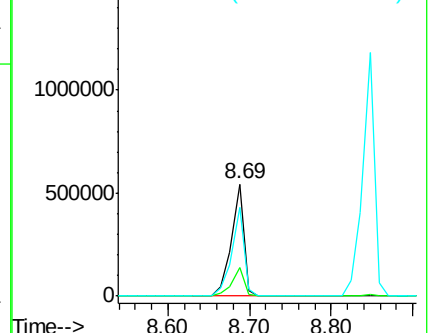
142 79.6 73.4 110.0

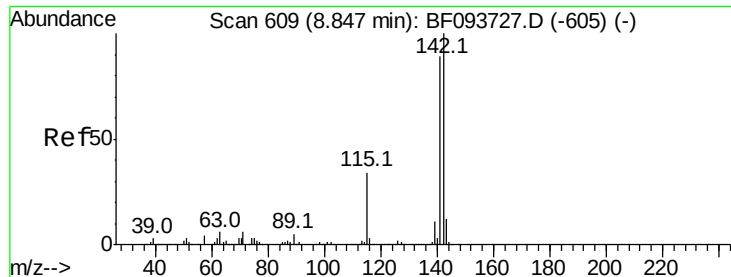


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.84 ng

RT: 8.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

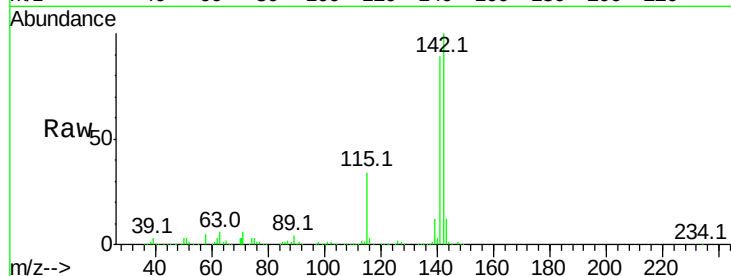
Tot Ion:142 Resp: 1186889

Ion Ratio Lower Upper

142 100

141 89.1 71.3 106.9

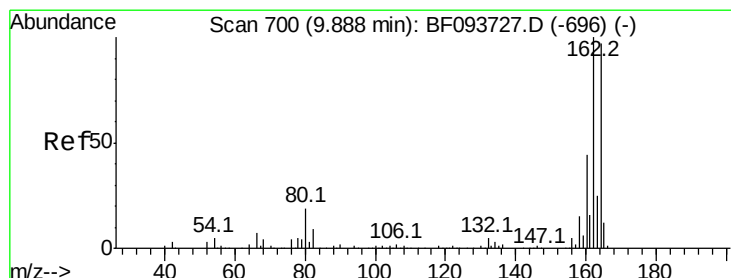
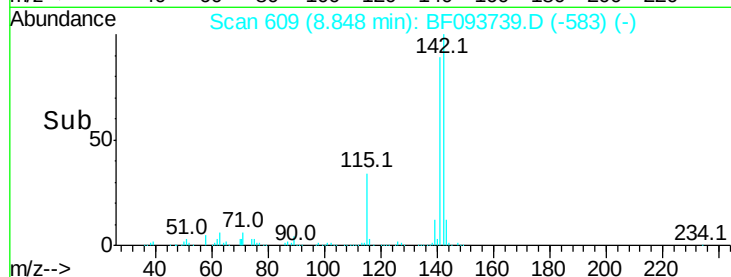
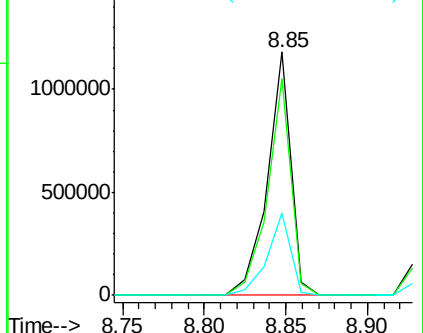
115 33.7 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

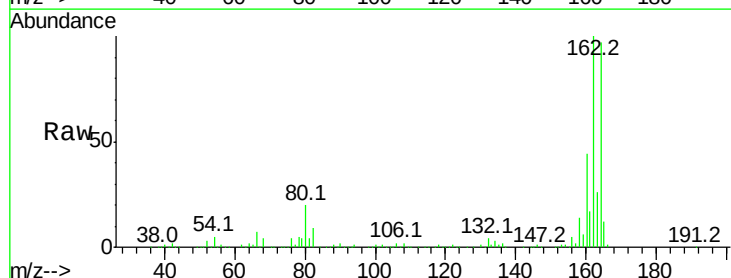
Tgt Ion:164 Resp: 375055

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

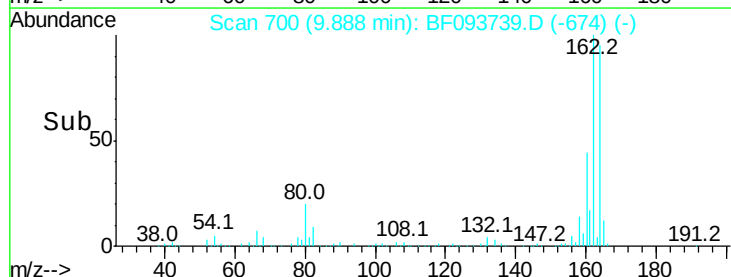
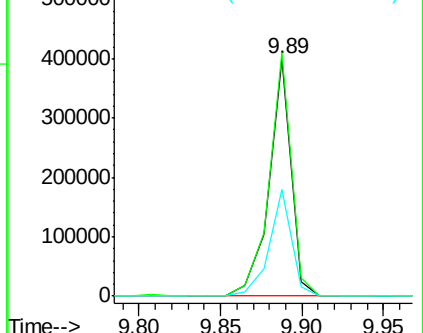
160 44.8 36.2 54.2

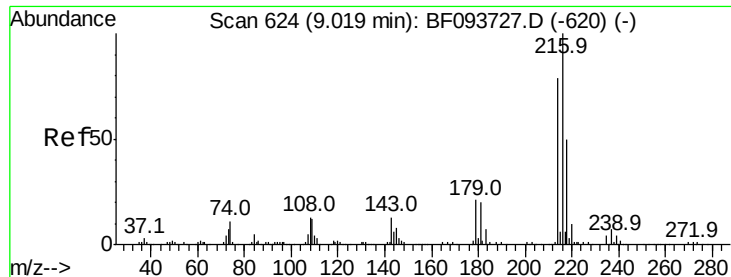


Abundance Ion 164.00 (163.70 to 164.70): E

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: 51.07 ng

RT: 9.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

Tot Ion:216 Resp: 448495

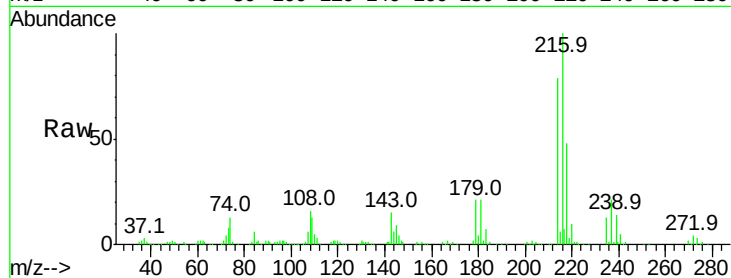
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 22.6 17.9 26.9

108 22.7 16.5 24.7

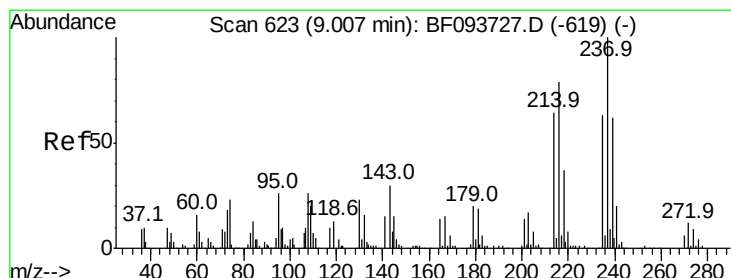
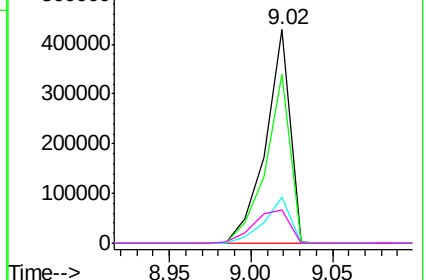
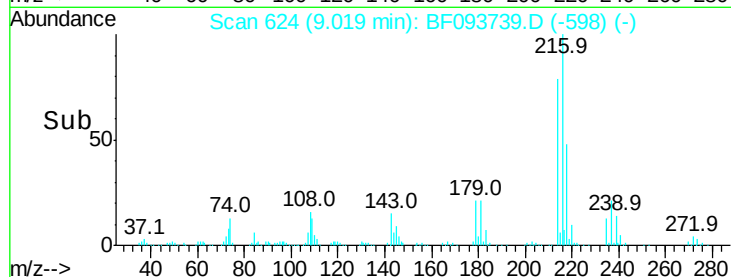


Abundance Ion 216.00 (215.70 to 216.70): E

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: 102.48 ng

RT: 9.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

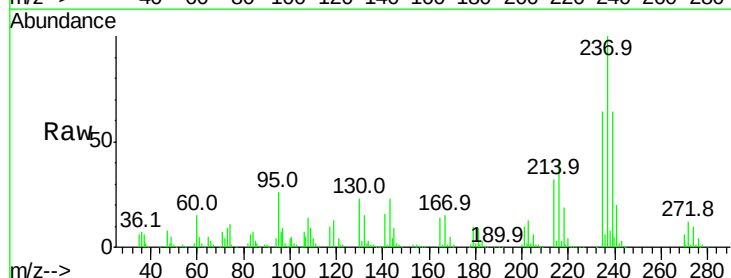
Tgt Ion:237 Resp: 449640

Ion Ratio Lower Upper

237 100

235 63.8 42.6 82.6

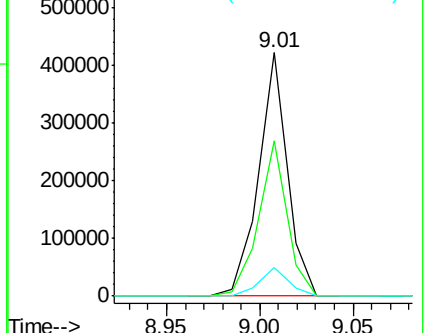
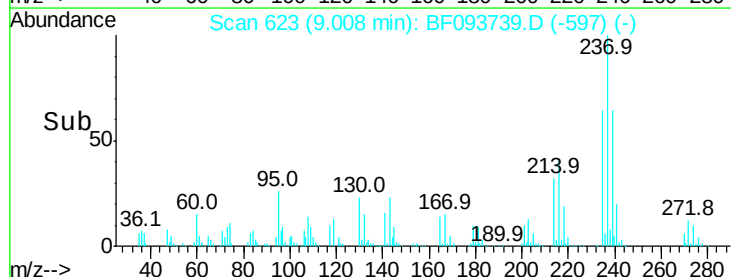
272 11.9 0.0 31.9

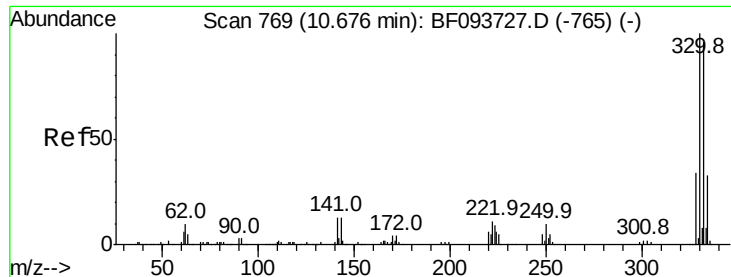


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

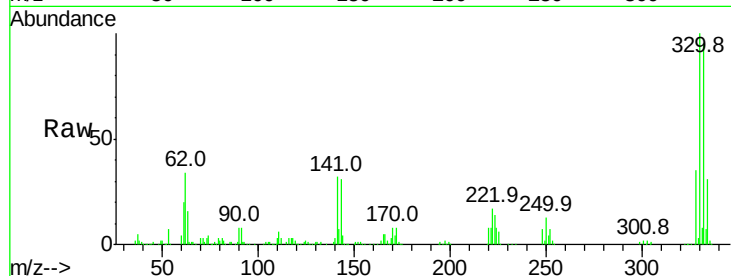




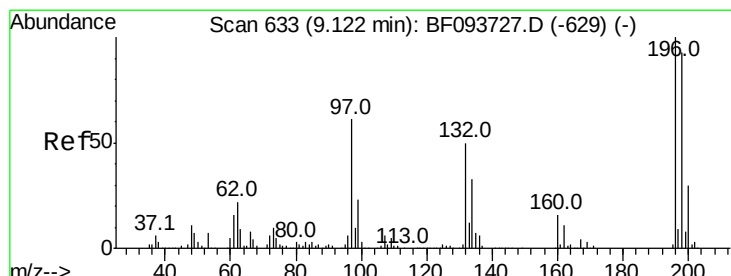
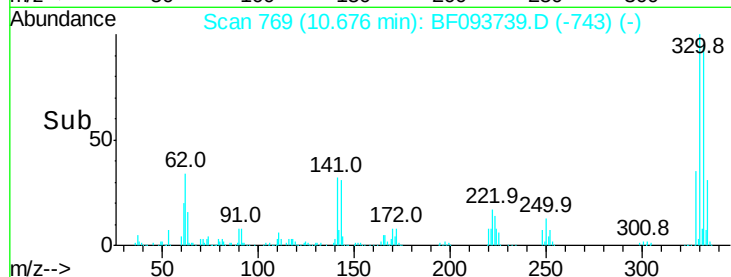
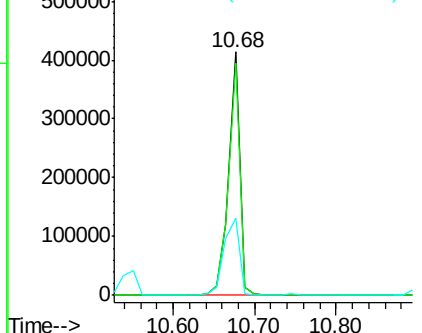
#41
 2,4,6-Tribromophenol
 Concen: 160.71 ng
 RT: 10.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	43.2	31.4	47.2

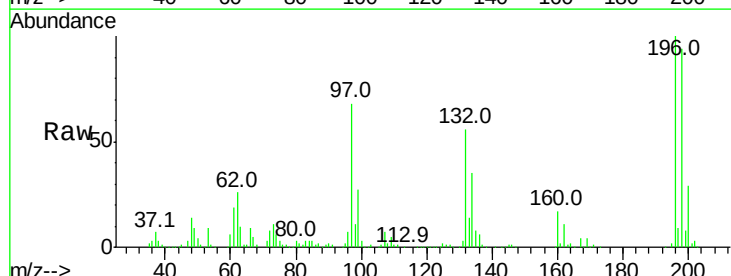


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

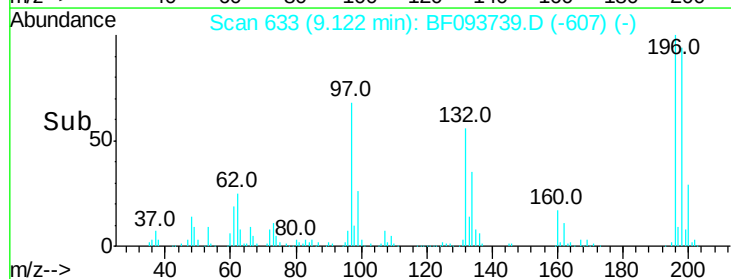
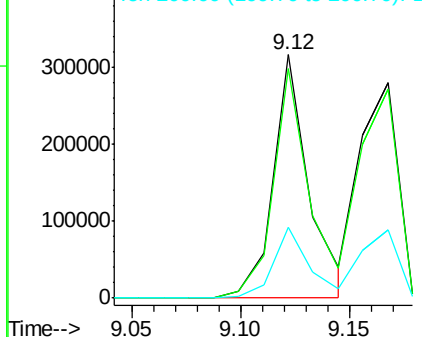


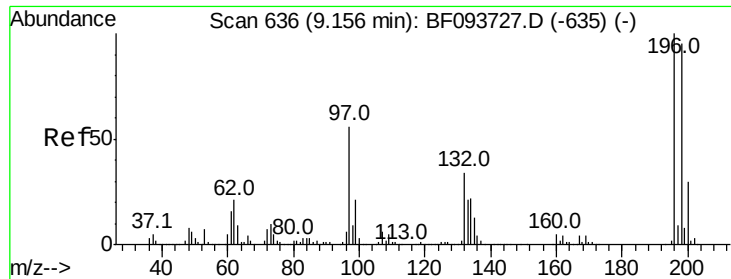
#42
 2,4,6-Trichlorophenol
 Concen: 56.19 ng
 RT: 9.12 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.2	111.4
200	29.0	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

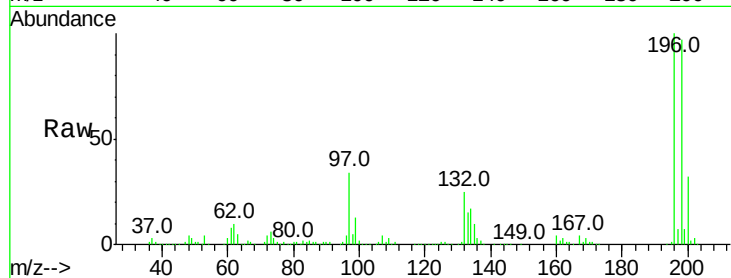




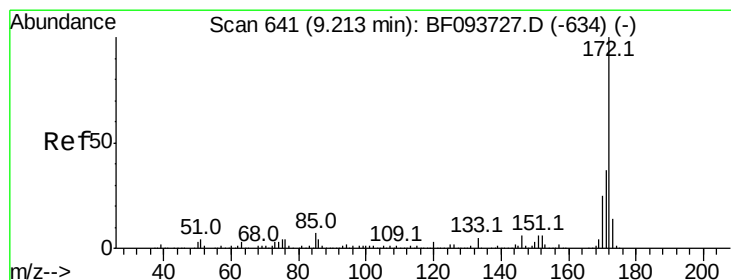
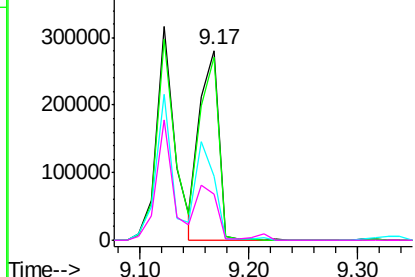
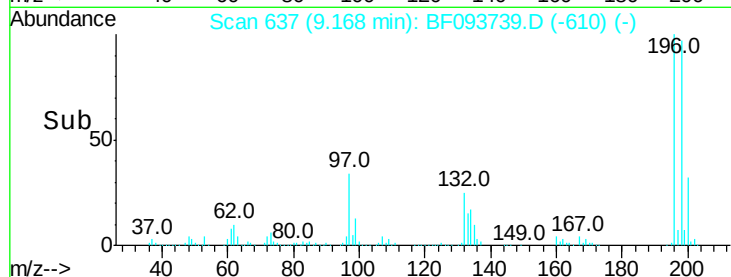
#43
 2,4,5-Trichlorophenol
 Concen: 51.72 ng
 RT: 9.17 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tot Ion:196 Resp: 345301
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.7 113.5
 97 33.8 47.7 71.5#
 132 24.6 28.0 42.0#

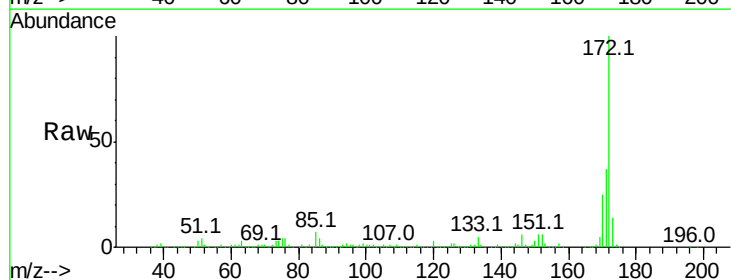


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

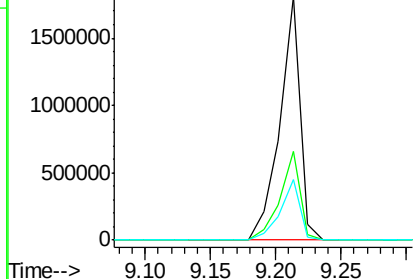
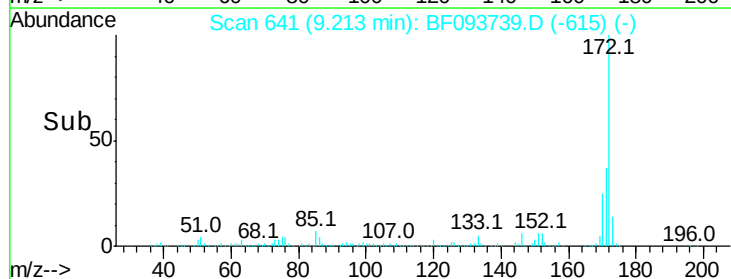


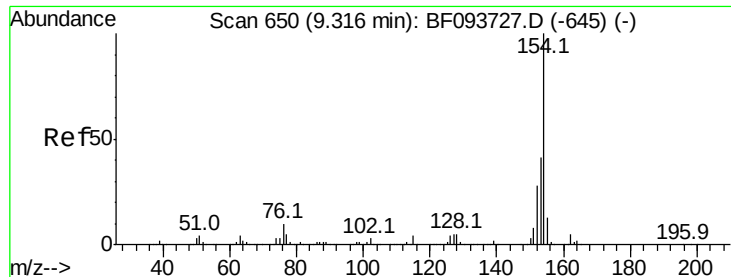
#44
 2-Fluorobiphenyl
 Concen: 99.52 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion:172 Resp: 1977911
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.7 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



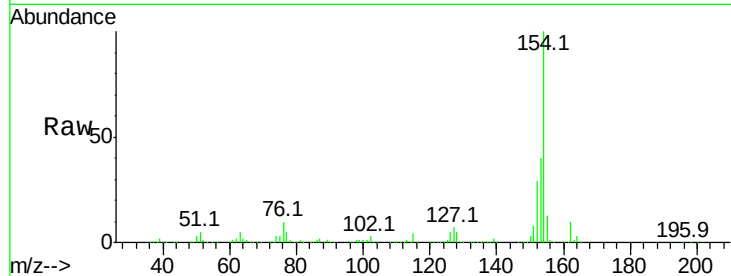


#45
 1,1'-Biphenyl
 Concen: 53.79 ng
 RT: 9.32 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

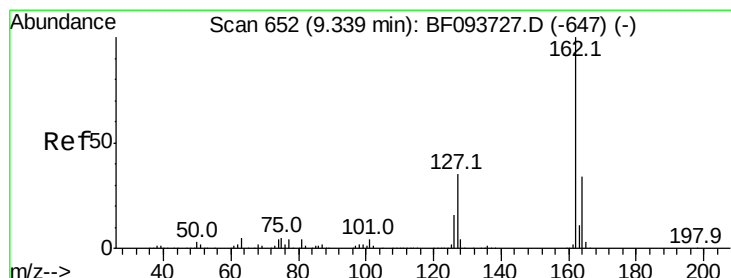
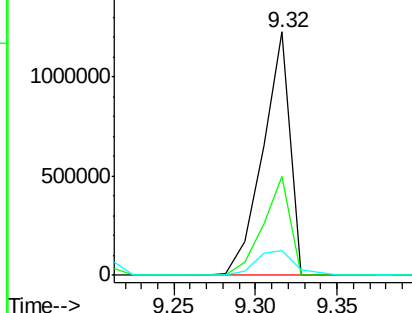
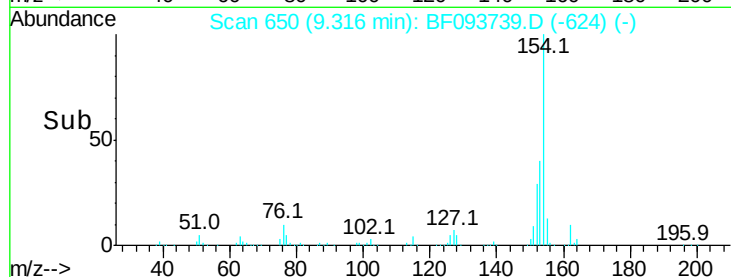
Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tot Ion:154 Resp: 1414682

Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	10.2	0.0	29.9



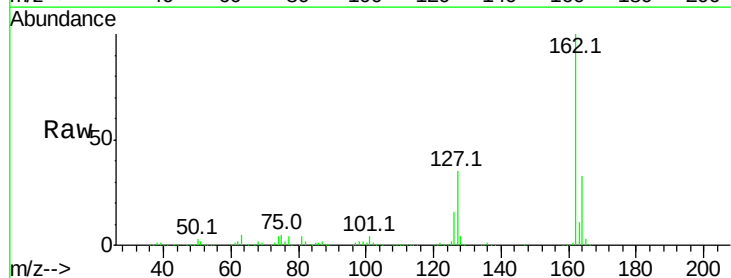
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



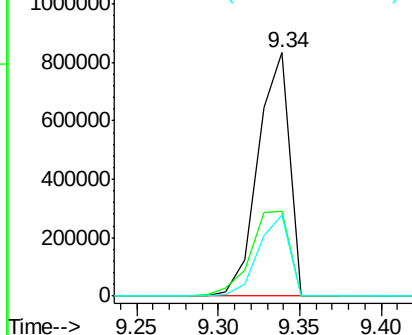
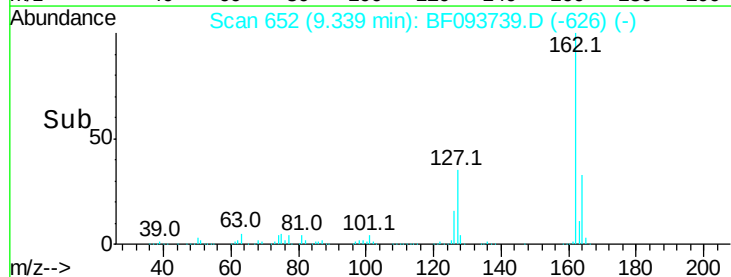
#46
 2-Chloronaphthalene
 Concen: 52.54 ng
 RT: 9.34 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

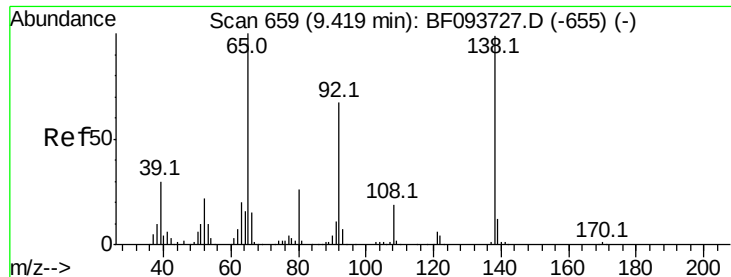
Tgt Ion:162 Resp: 1108636

Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.3	42.5
164	33.1	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.12 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

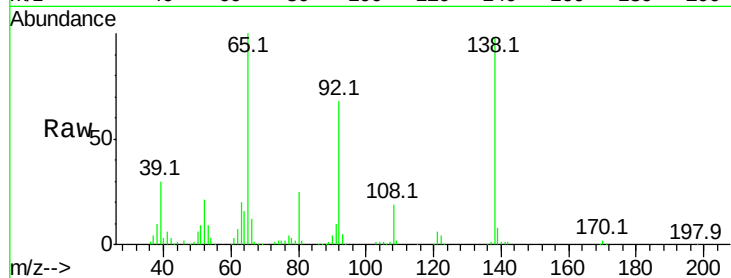
Tot Ion: 65 Resp: 299856

Ion Ratio Lower Upper

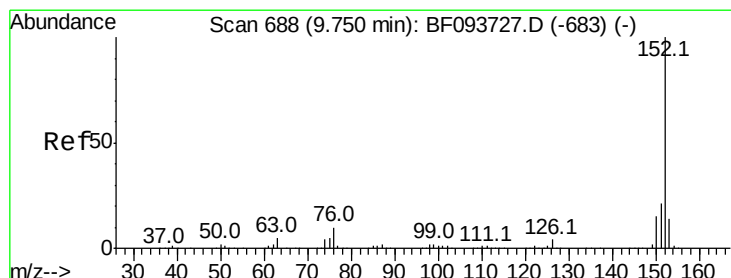
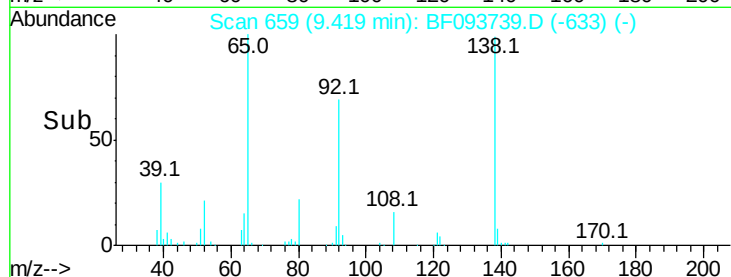
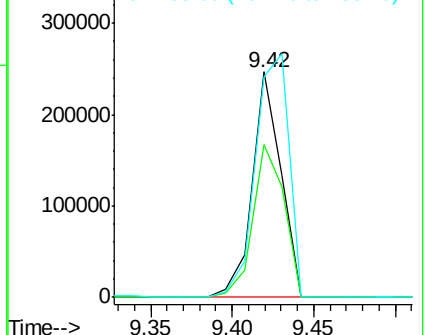
65 100

92 67.6 53.9 80.9

138 97.8 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 50.94 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

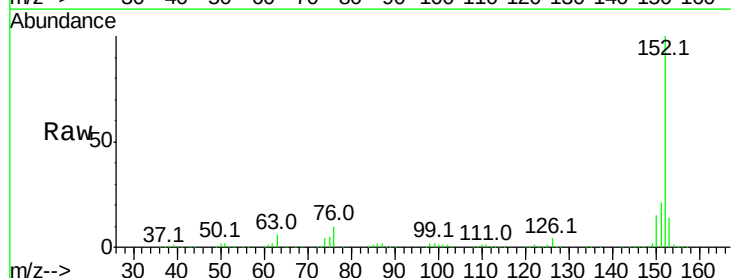
Tgt Ion:152 Resp: 1752969

Ion Ratio Lower Upper

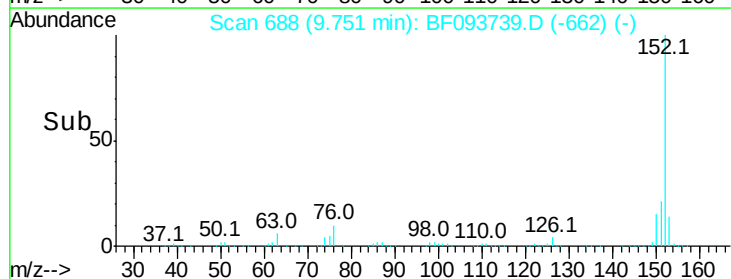
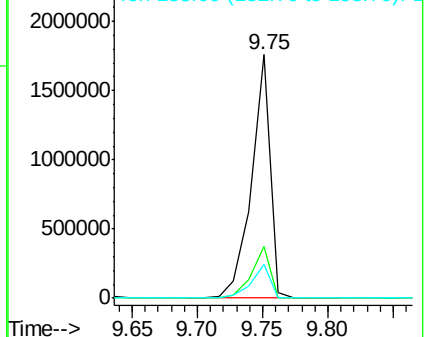
152 100

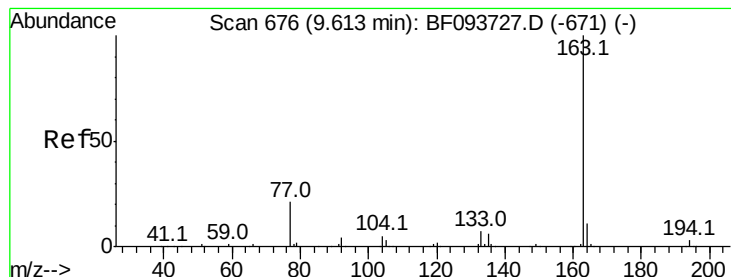
151 21.1 16.8 25.2

153 13.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 47.83 ng

RT: 9.61 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

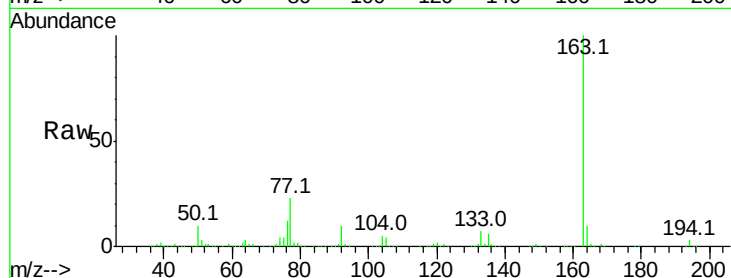
Tot Ion:163 Resp: 1171787

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

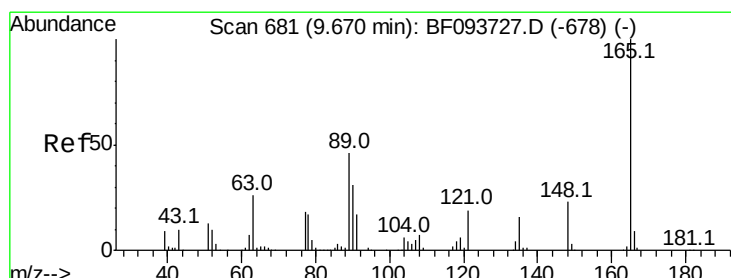
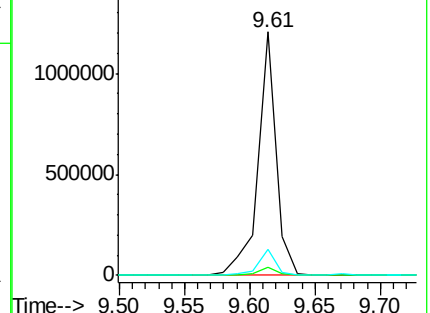
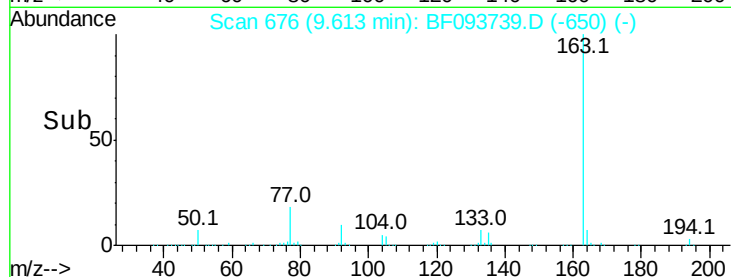
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 58.78 ng

RT: 9.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

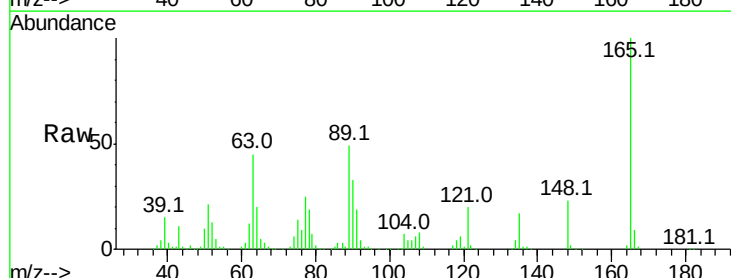
Tgt Ion:165 Resp: 311039

Ion Ratio Lower Upper

165 100

63 45.2 34.3 51.5

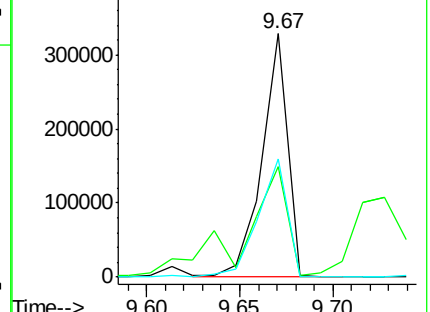
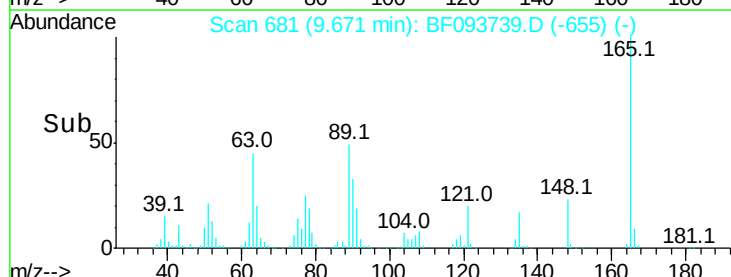
89 48.6 37.1 55.7

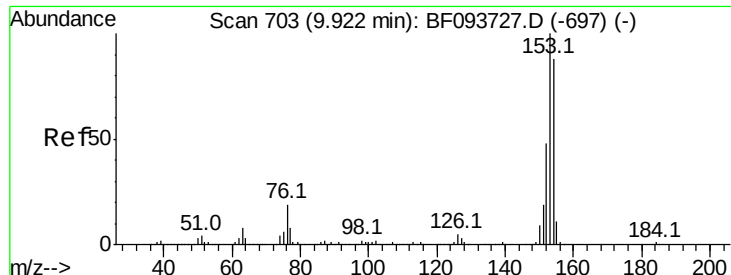


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 57.12 ng

RT: 9.92 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

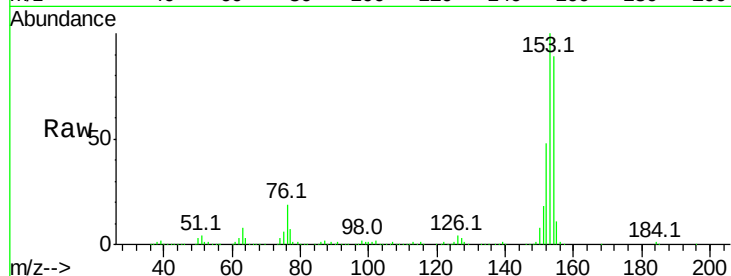
Tot Ion:154 Resp: 1158455

Ion Ratio Lower Upper

154 100

153 112.4 90.5 135.7

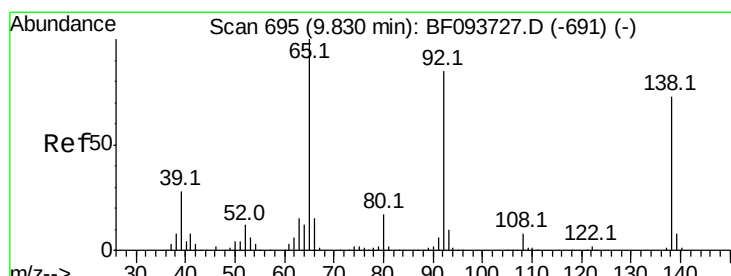
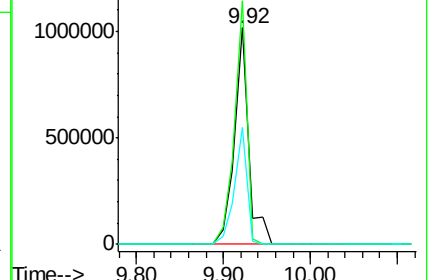
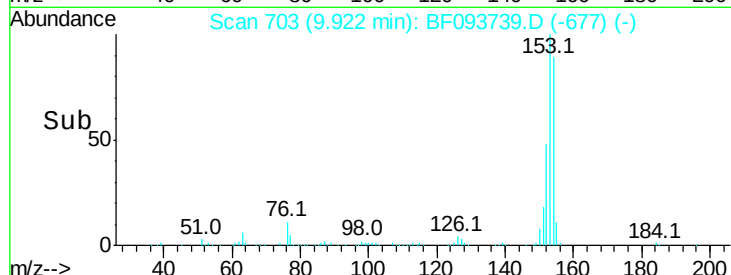
152 54.1 43.6 65.4



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: 11.75 ng

RT: 9.83 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

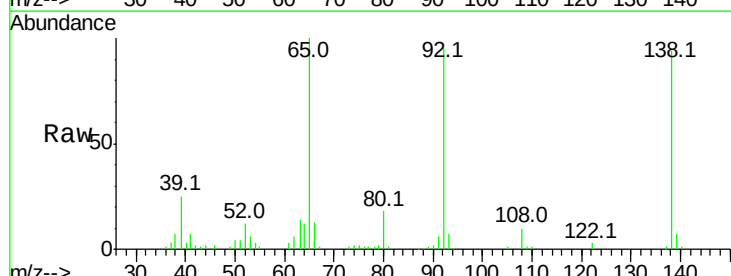
Tgt Ion:138 Resp: 73749

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

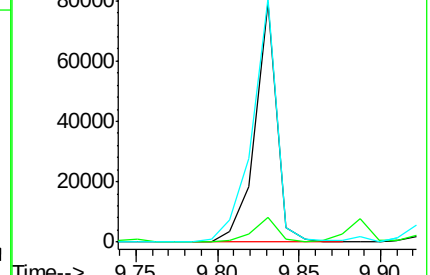
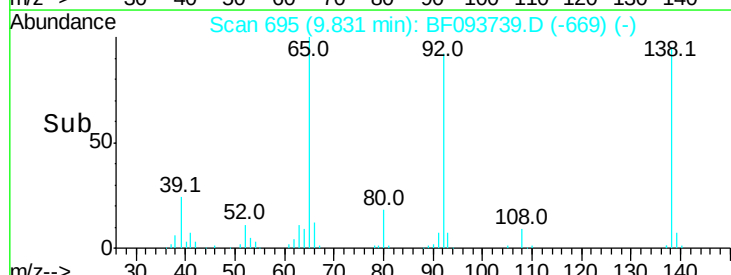
92 101.3 93.8 140.6

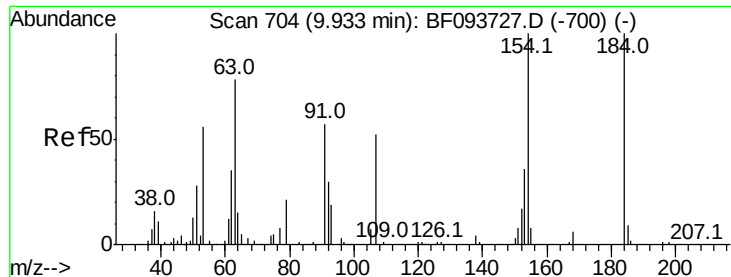


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

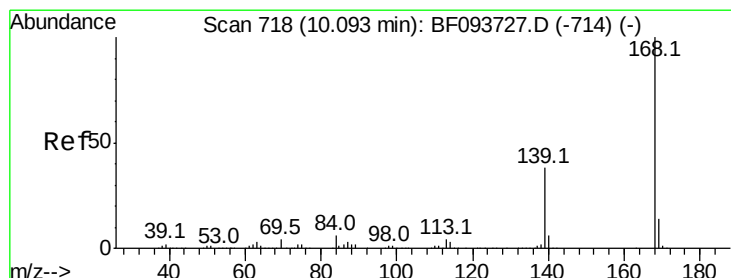
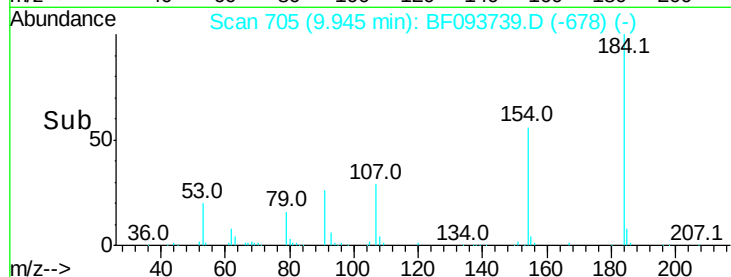
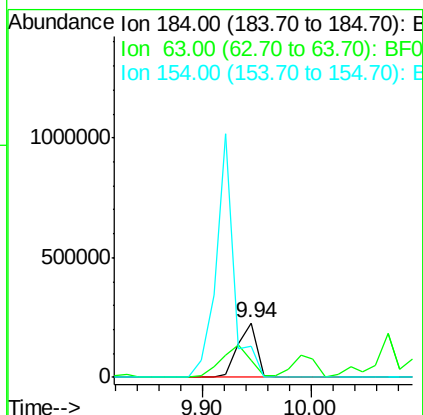
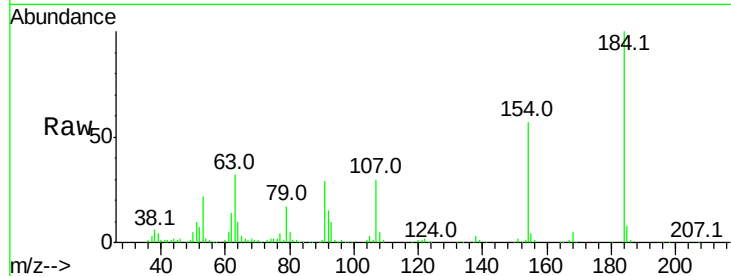




#53
 2,4-Dinitrophenol
 Concen: 103.27 ng
 RT: 9.94 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

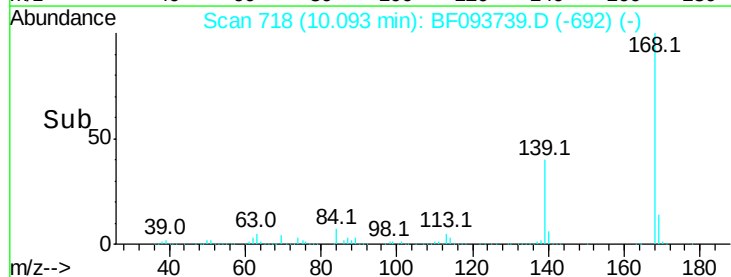
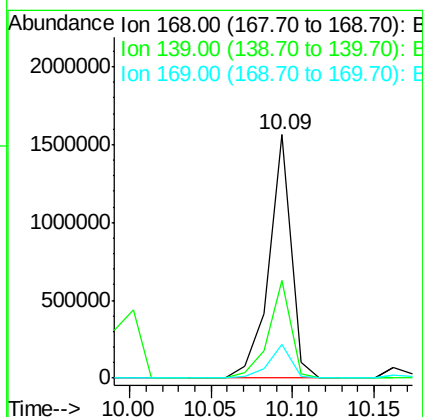
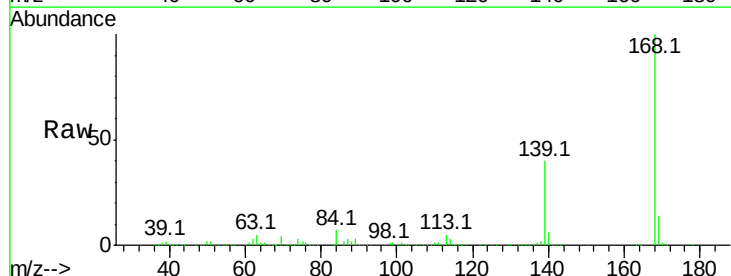
Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

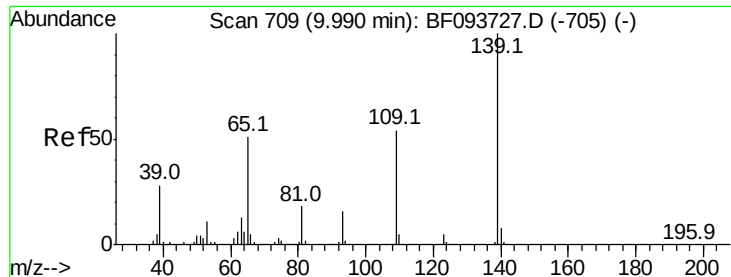
Tot Ion:184 Resp: 270417
 Ion Ratio Lower Upper
 184 100
 63 31.8 62.7 94.1#
 154 56.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 53.57 ng
 RT: 10.09 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion:168 Resp: 1476876
 Ion Ratio Lower Upper
 168 100
 139 39.9 30.6 45.8
 169 13.8 10.8 16.2





#55

4-Nitrophenol

Concen: 125.08 ng

RT: 10.00 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

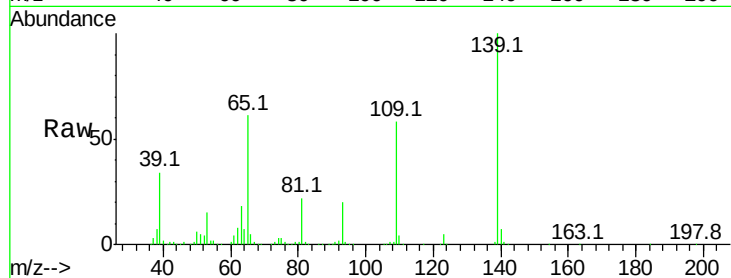
Tot Ion:139 Resp: 592399

Ion Ratio Lower Upper

139 100

109 58.0 34.1 74.1

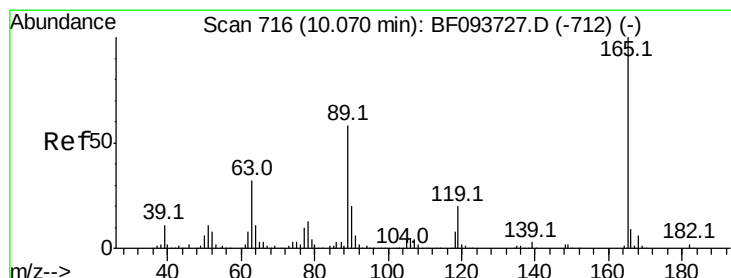
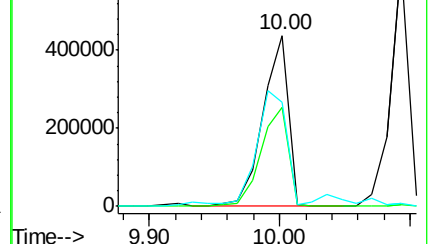
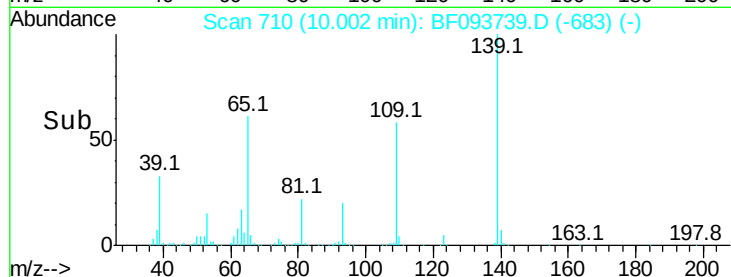
65 60.7 31.4 71.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.80 ng

RT: 10.07 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion:165 Resp: 350772

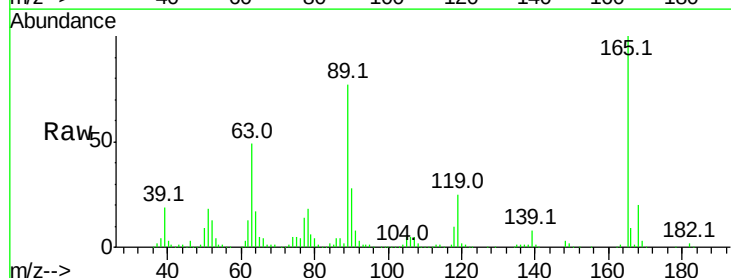
Ion Ratio Lower Upper

165 100

63 48.6 25.4 38.0#

89 76.8 46.4 69.6#

182 2.1 1.8 2.6

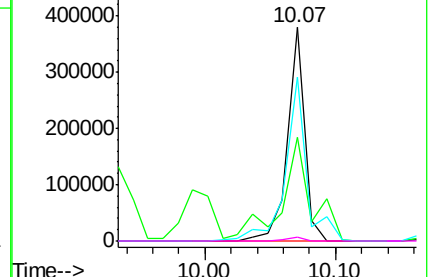
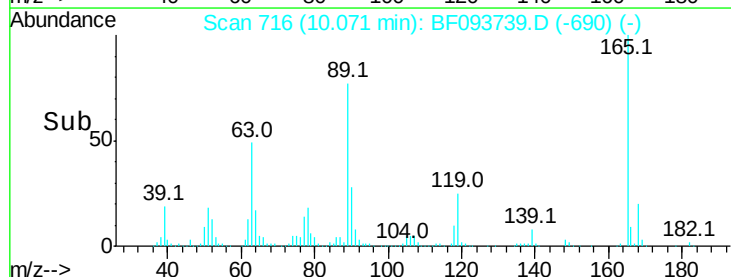


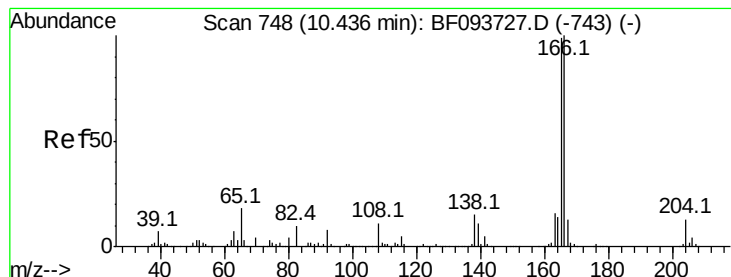
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.57 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

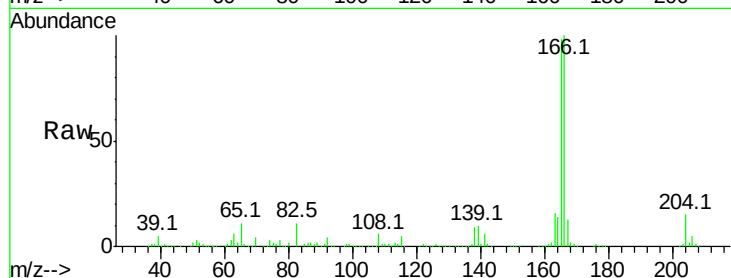
Tot Ion:166 Resp: 1108596

Ion Ratio Lower Upper

166 100

165 98.4 78.8 118.2

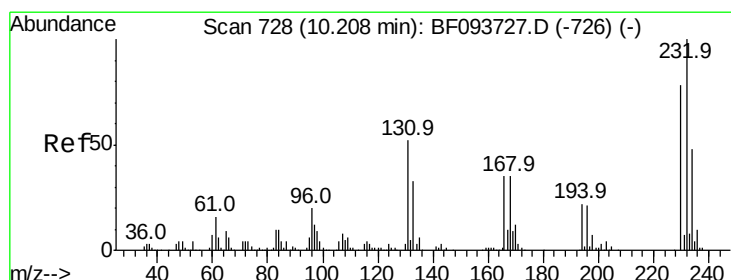
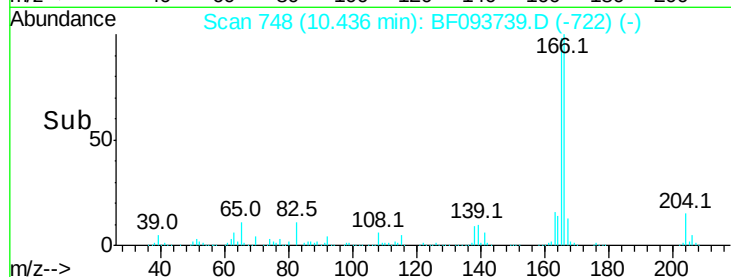
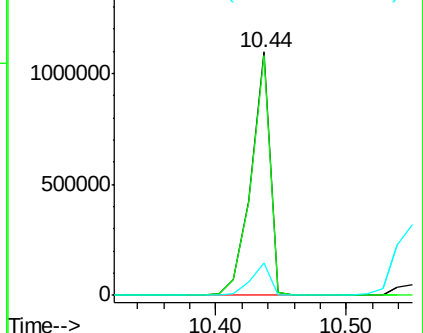
167 13.4 10.6 16.0



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: 56.85 ng

RT: 10.21 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion:232 Resp: 261030

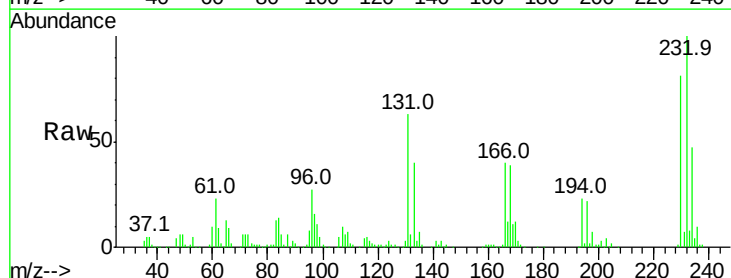
Ion Ratio Lower Upper

232 100

131 58.7 44.8 67.2

130 3.0 2.3 3.5

166 36.8 29.0 43.4

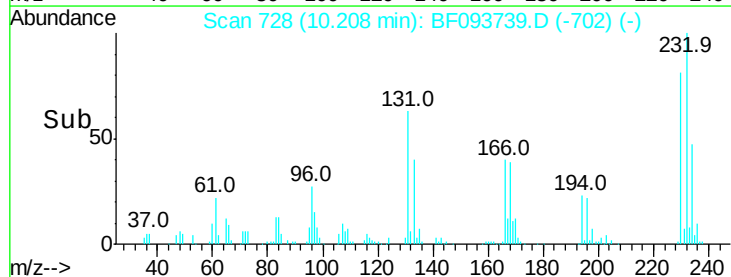
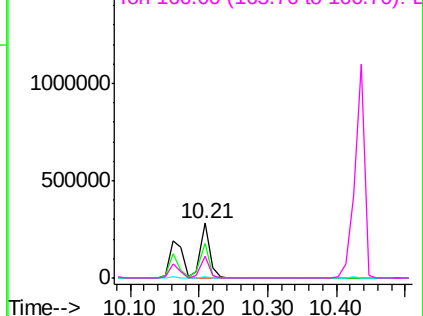


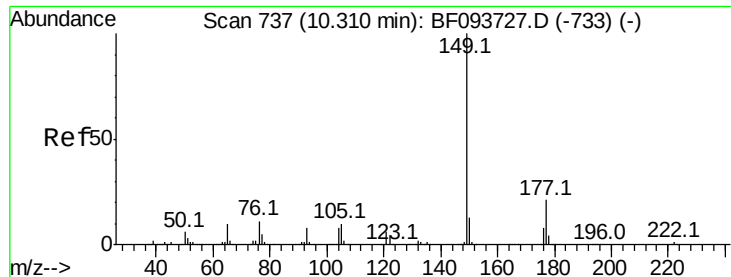
Abundance Ion 232.00 (231.70 to 232.70): E

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

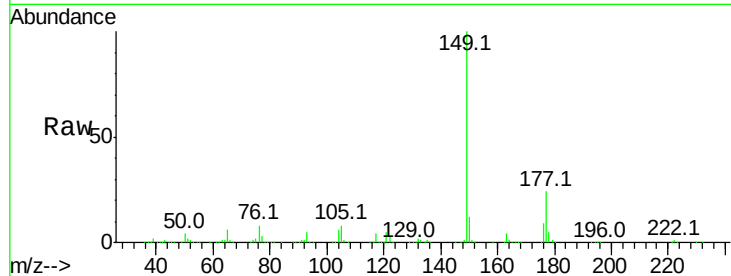




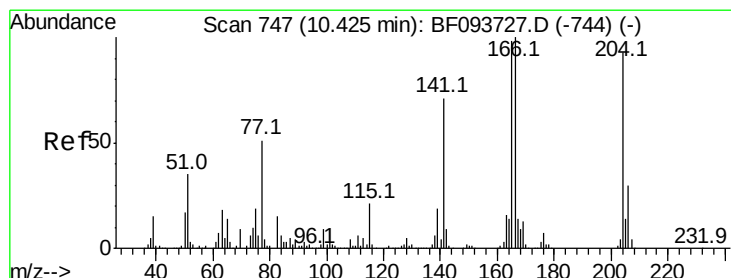
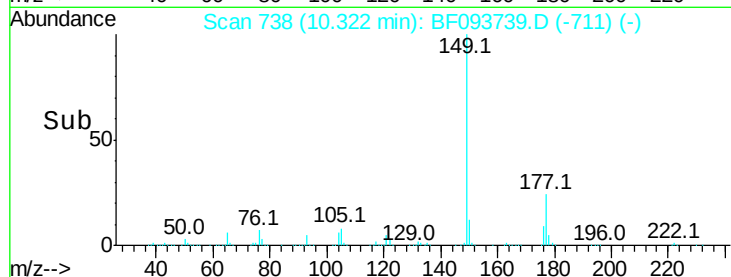
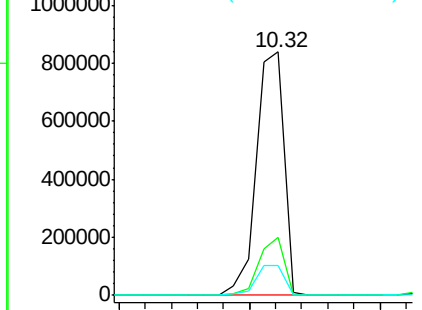
#59
Diethylphthalate
Concen: 53.32 ng
RT: 10.32 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampled :
PB97641BS

Tot Ion:149 Resp: 1243250
Ion Ratio Lower Upper
149 100
177 23.8 16.7 25.1
150 12.1 10.2 15.2

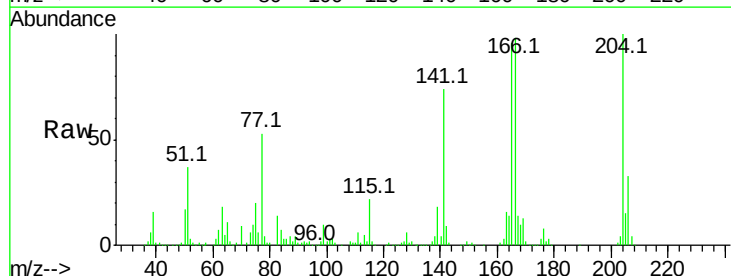


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

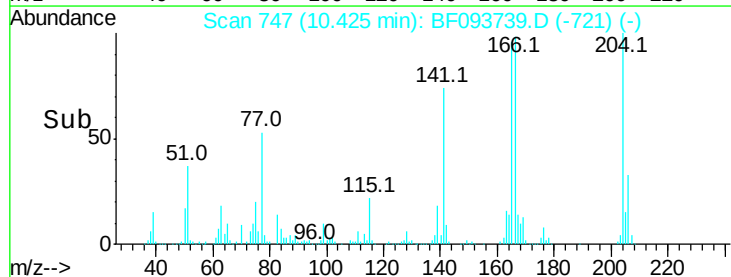
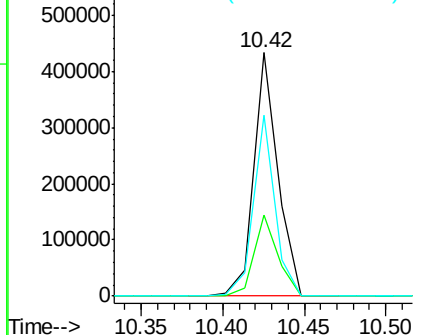


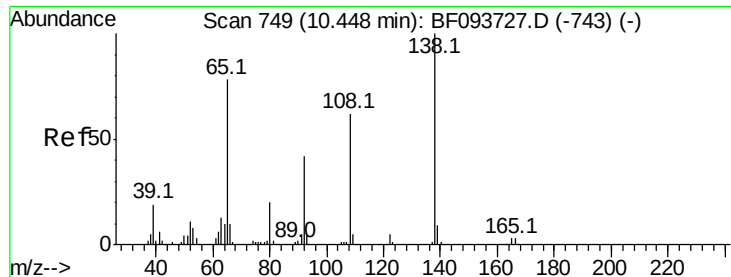
#60
4-Chlorophenyl-phenylether
Concen: 46.97 ng
RT: 10.42 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion:204 Resp: 442556
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 74.4 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

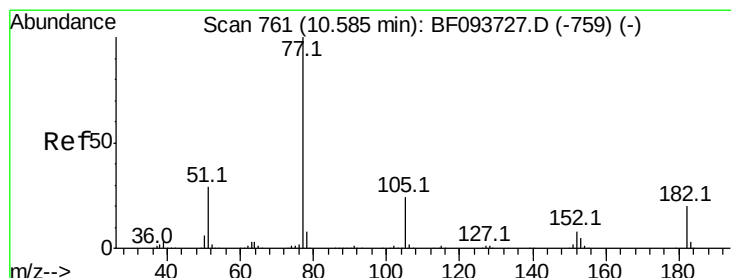
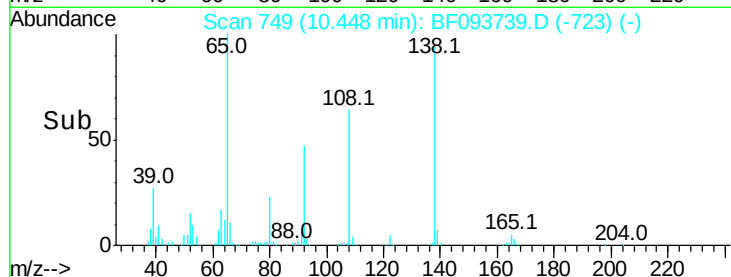
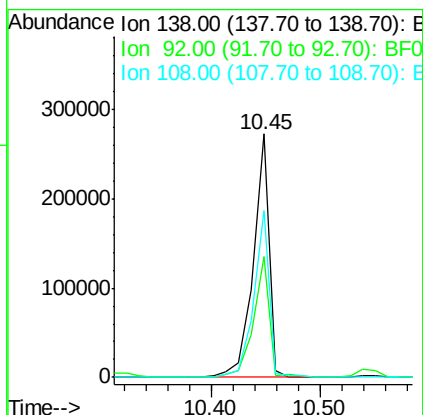
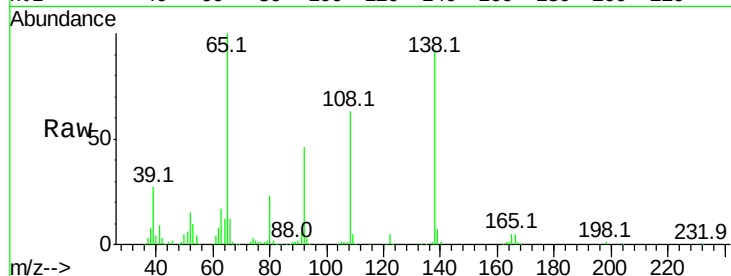




#61
4-Nitroaniline
Concen: 47.51 ng
RT: 10.45 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

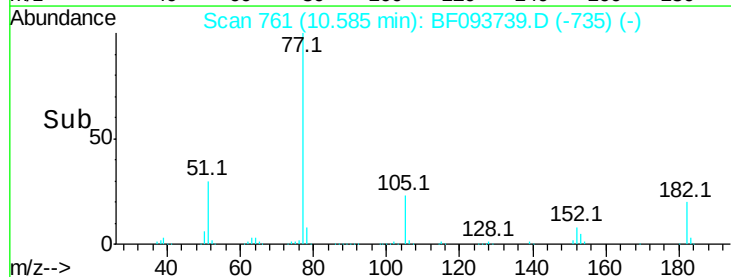
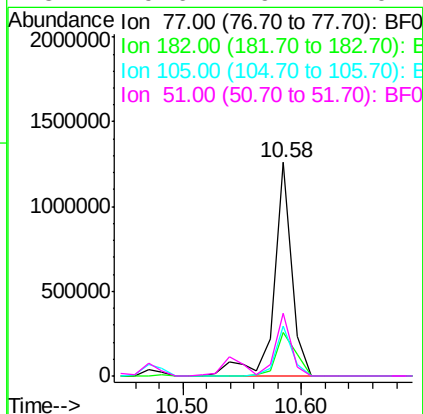
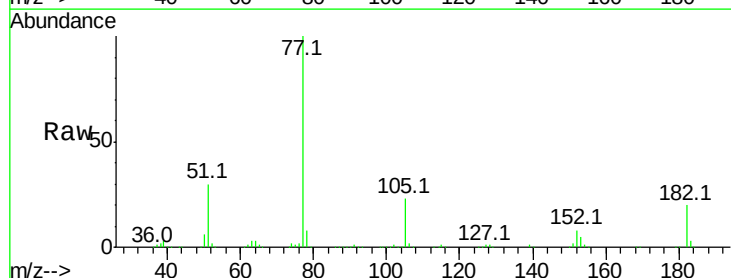
Instrument :
BNA_F
ClientSampleId :
PB97641BS

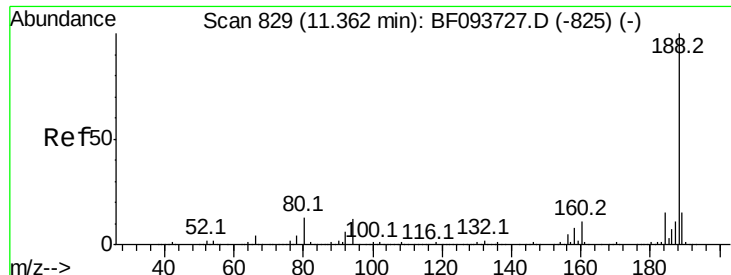
Tot Ion:138 Resp: 277598
Ion Ratio Lower Upper
138 100
92 49.7 21.8 61.8
108 68.4 42.3 82.3



#62
Azobenzene
Concen: 55.63 ng
RT: 10.58 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion: 77 Resp: 1310631
Ion Ratio Lower Upper
77 100
182 20.1 0.1 40.1
105 23.4 3.6 43.6
51 29.6 9.4 49.4

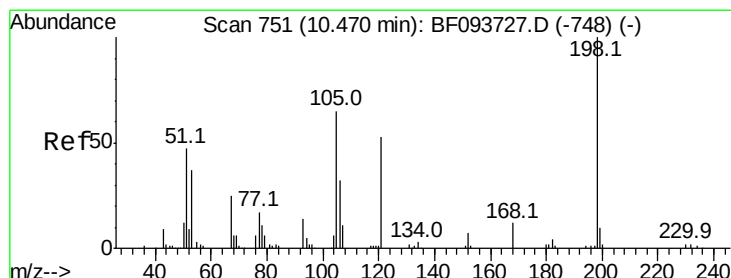
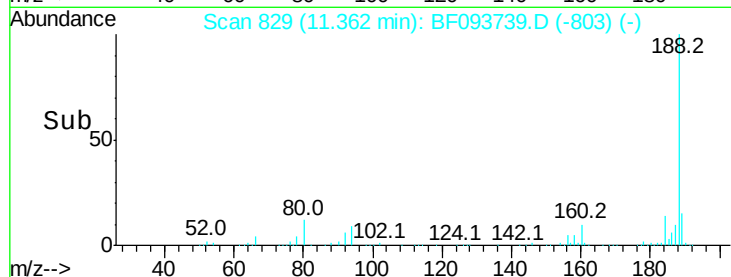
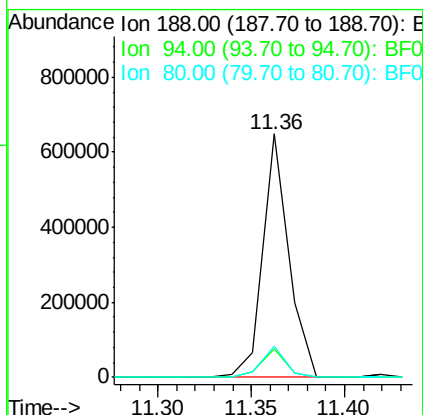
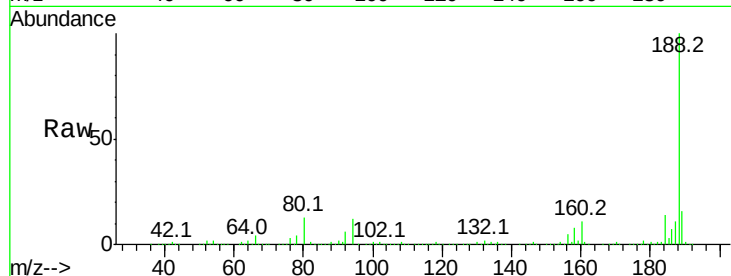




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

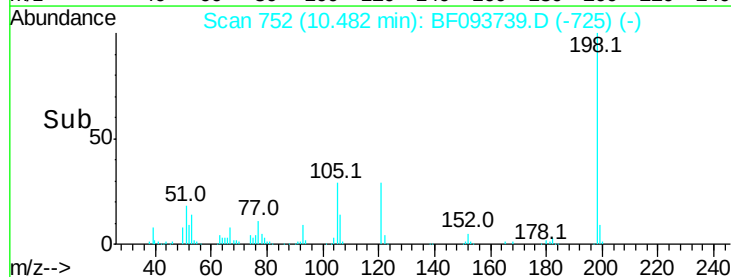
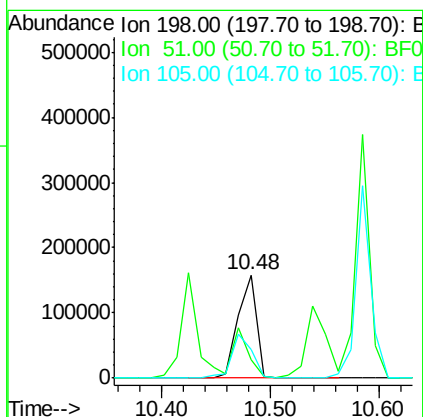
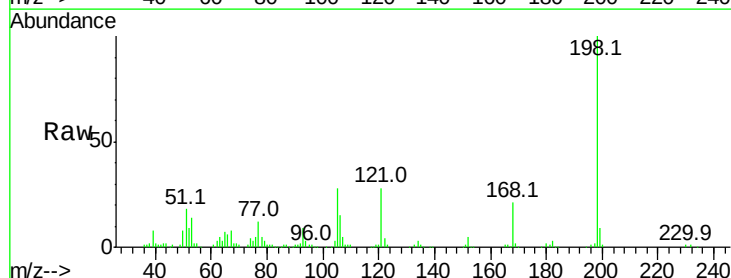
Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

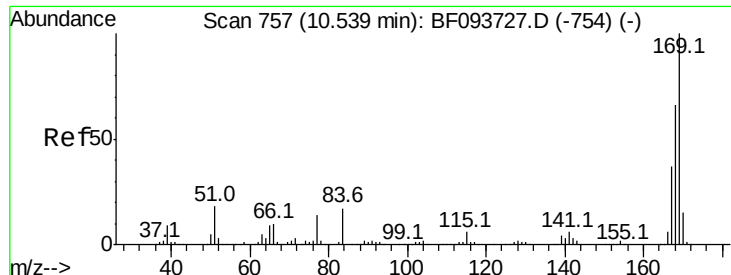
Tot Ion:188 Resp: 633816
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.4 14.2
 80 12.8 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 54.02 ng
 RT: 10.48 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion:198 Resp: 184542
 Ion Ratio Lower Upper
 198 100
 51 17.7 53.2 93.2#
 105 28.0 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 50.19 ng

RT: 10.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

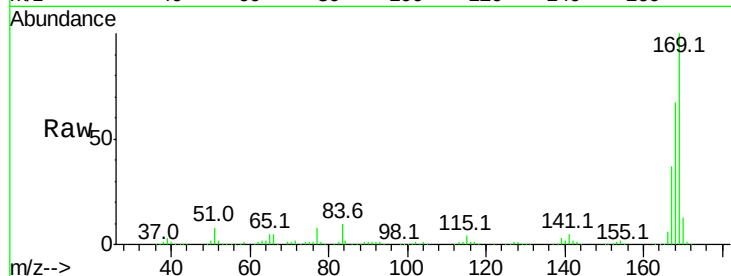
Tot Ion:169 Resp: 1073866

Ion Ratio Lower Upper

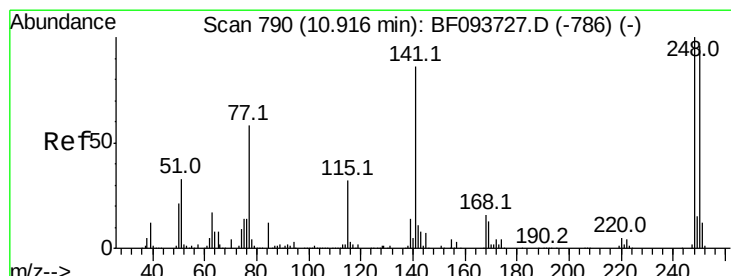
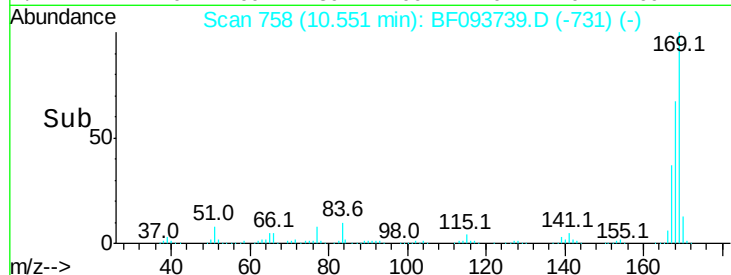
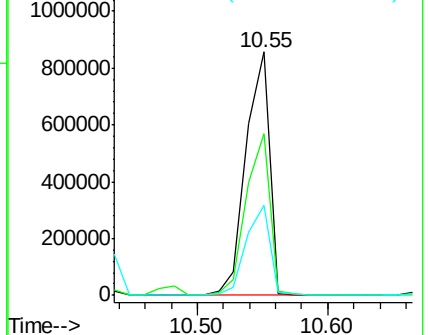
169 100

168 66.7 53.2 79.8

167 37.0 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 47.21 ng

RT: 10.92 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

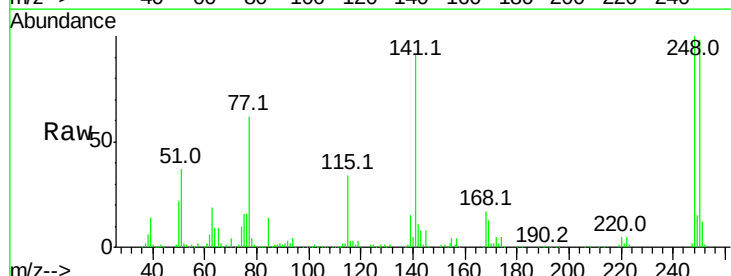
Tgt Ion:248 Resp: 282840

Ion Ratio Lower Upper

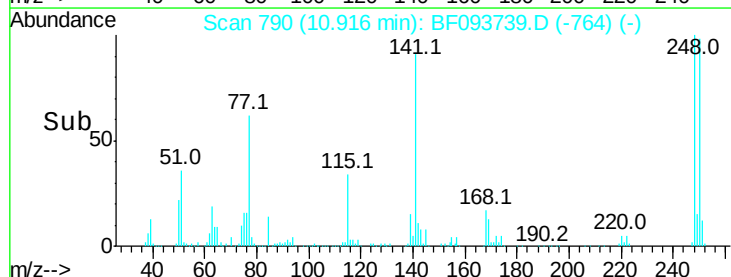
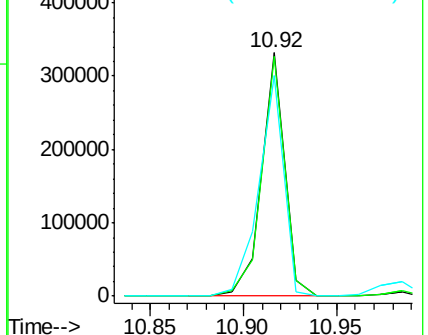
248 100

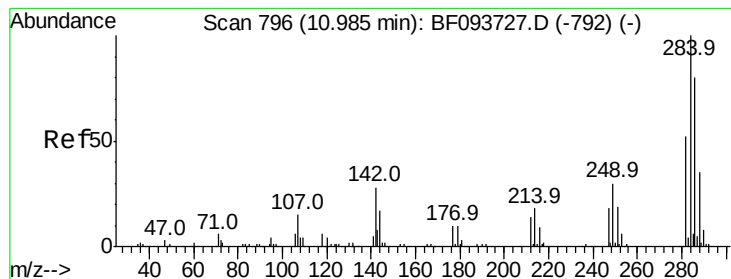
250 98.5 76.8 115.2

141 90.8 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.75 ng

RT: 10.98 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

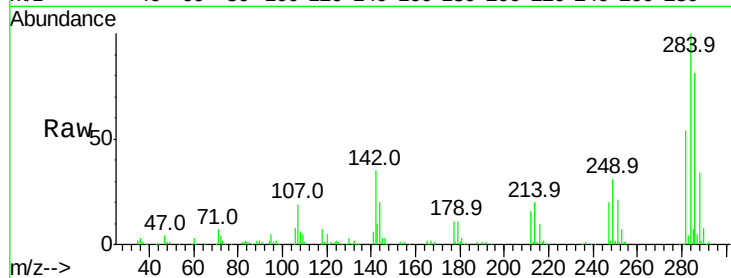
Tot Ion:284 Resp: 305299

Ion Ratio Lower Upper

284 100

142 35.0 22.8 34.2#

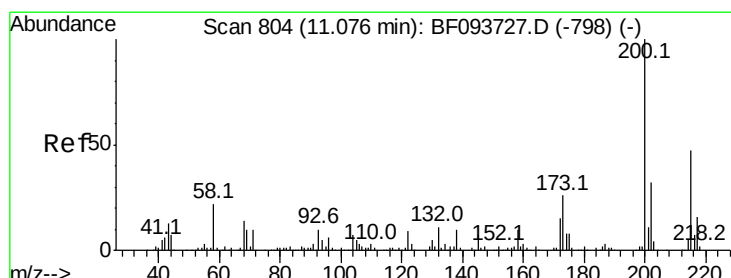
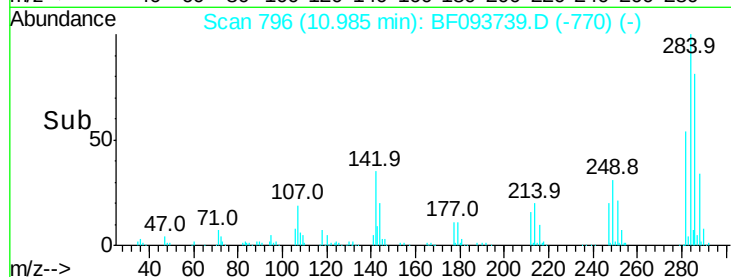
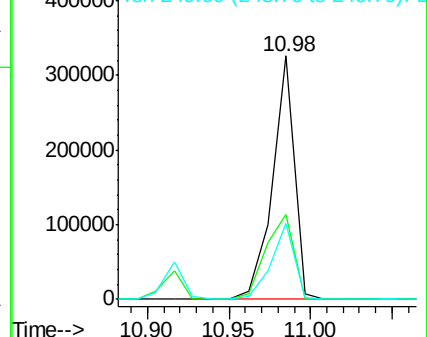
249 31.1 24.0 36.0



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: 54.79 ng

RT: 11.08 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

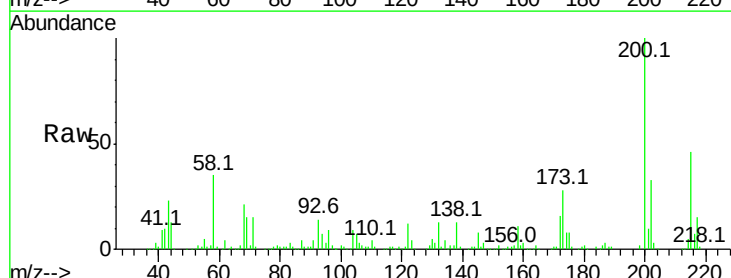
Tgt Ion:200 Resp: 337589

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

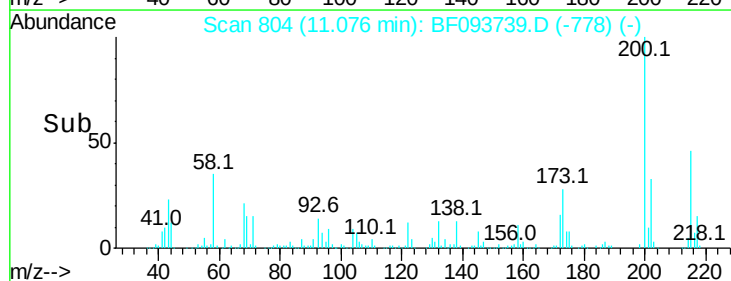
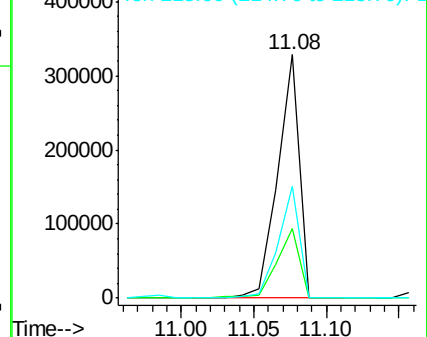
215 45.8 27.2 67.2

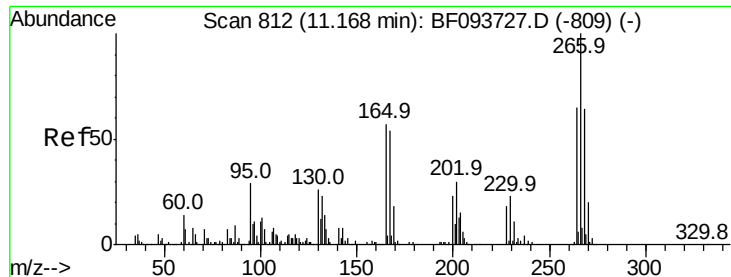


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

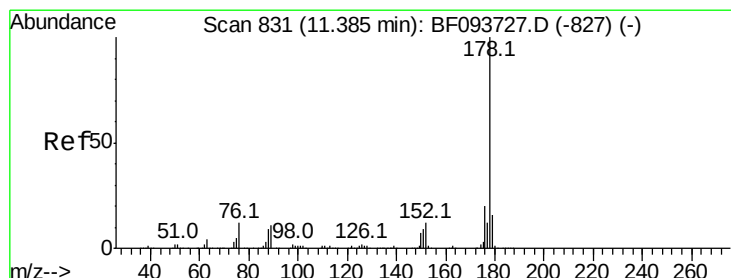
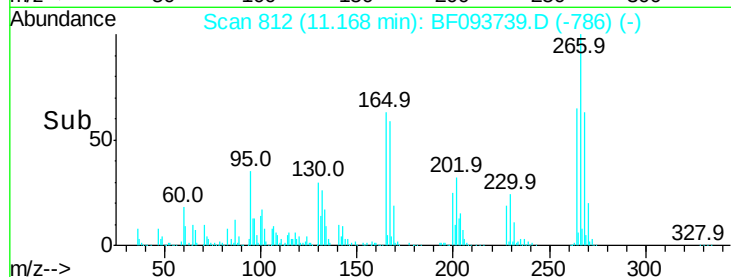
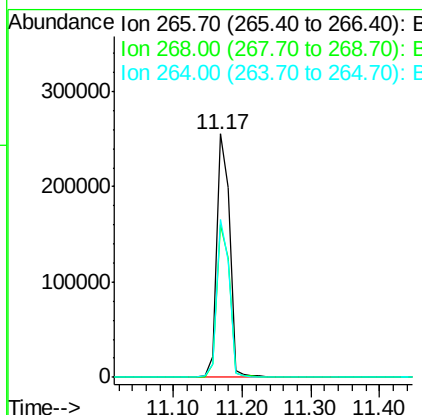
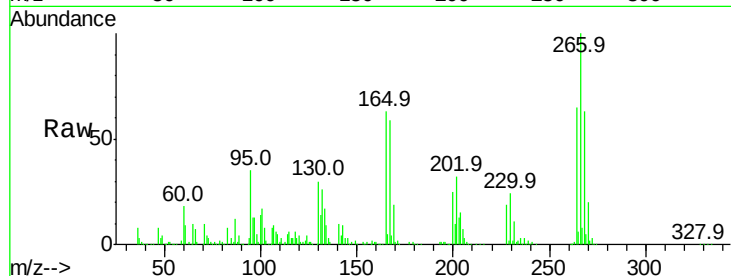




#69
 Pentachlorophenol
 Concen: 95.19 ng
 RT: 11.17 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

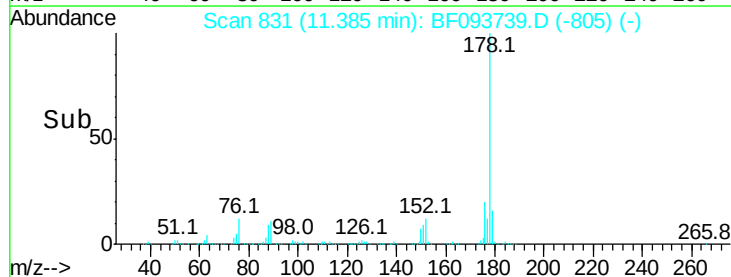
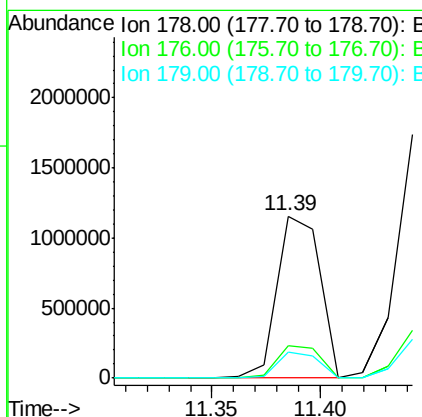
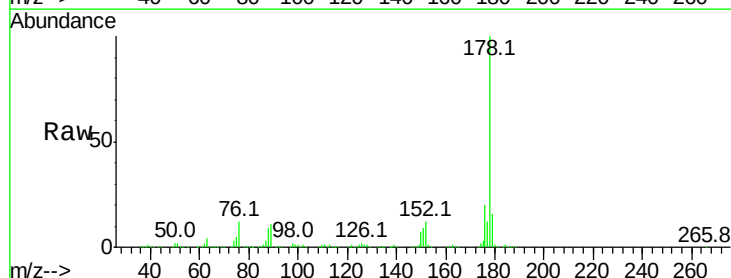
Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

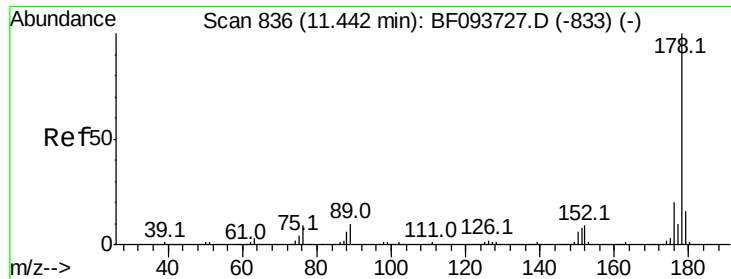
Tot Ion:266 Resp: 341513
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.1 76.7
 264 64.7 51.7 77.5



#70
 Phenanthrene
 Concen: 44.64 ng
 RT: 11.39 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion:178 Resp: 1599653
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.9 12.6 19.0

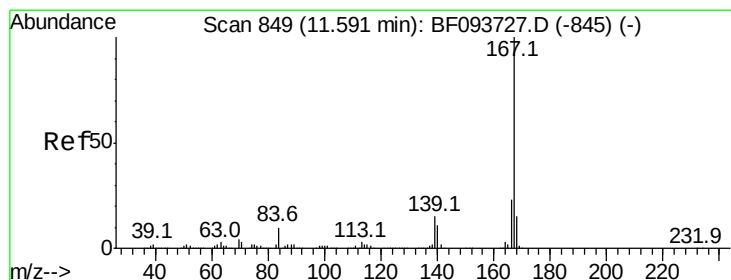
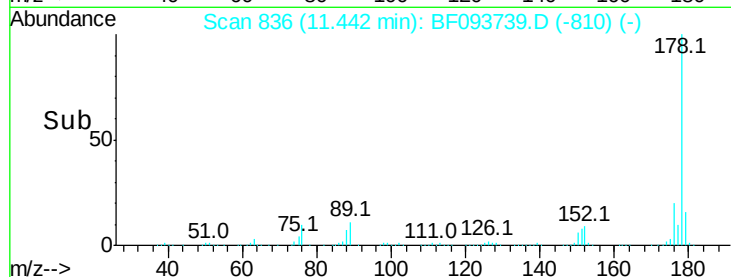
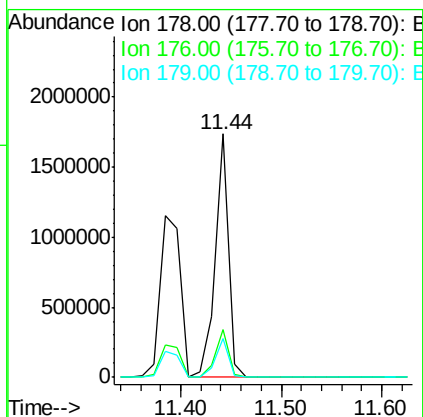
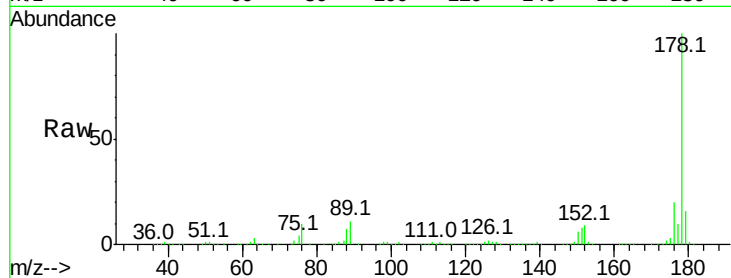




#71
 Anthracene
 Concen: 45.21 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

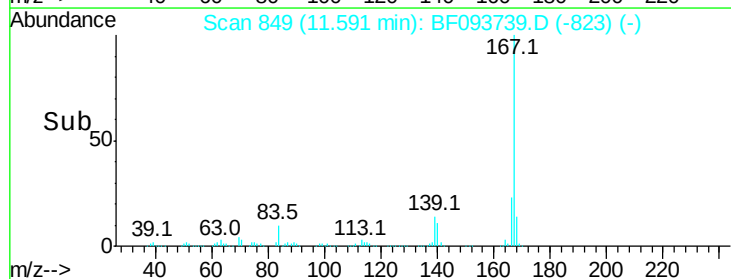
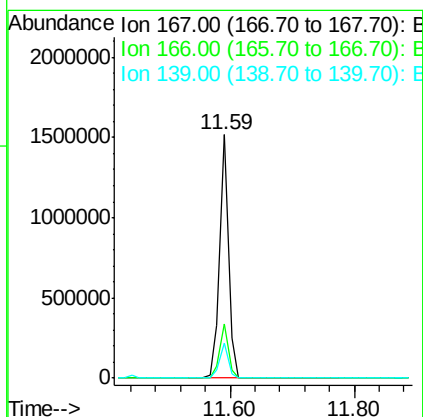
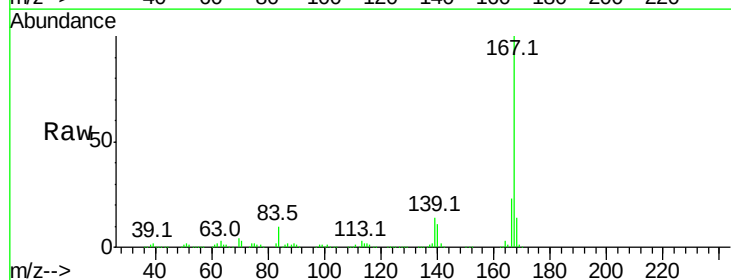
Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

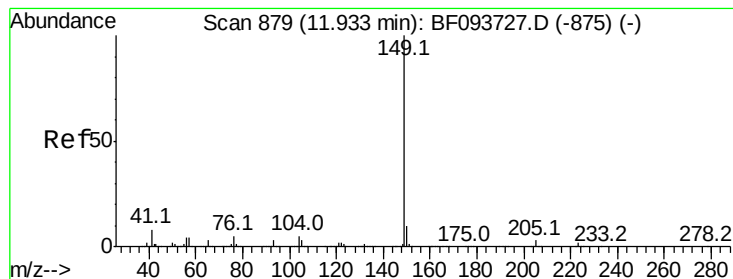
Tot Ion:178 Resp: 1585128
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 39.84 ng
 RT: 11.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion:167 Resp: 1462430
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.72 ng

RT: 11.93 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

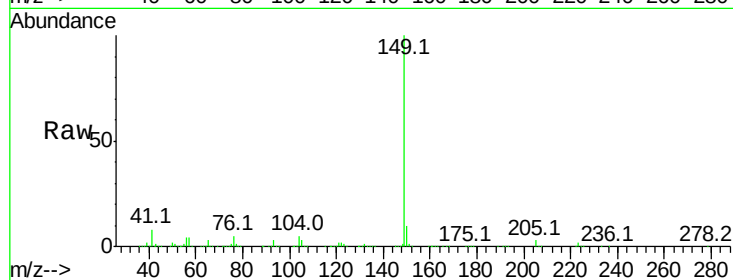
Tot Ion:149 Resp: 1715278

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

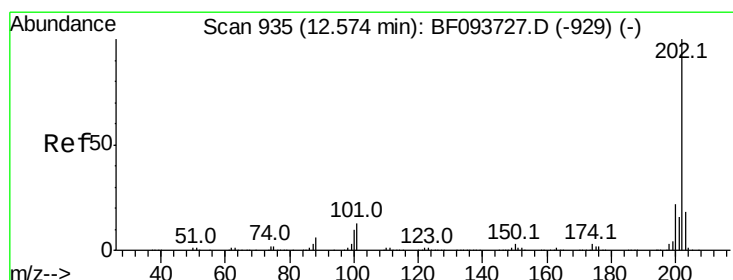
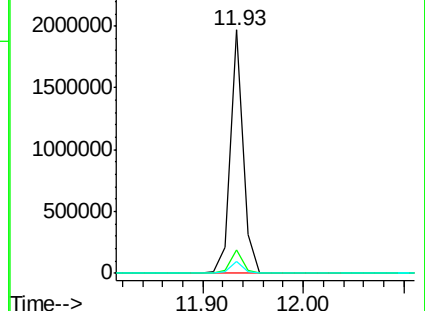
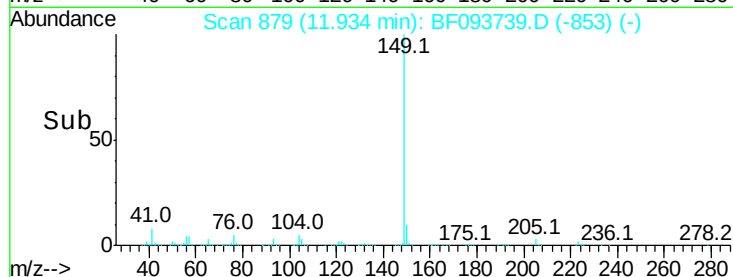
104 5.0 4.0 6.0



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: 46.76 ng

RT: 12.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

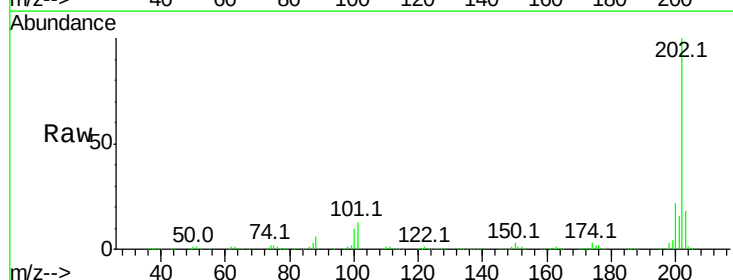
Tgt Ion:202 Resp: 1623943

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

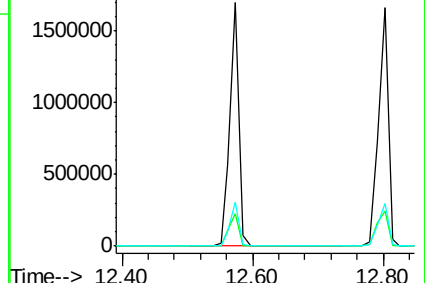
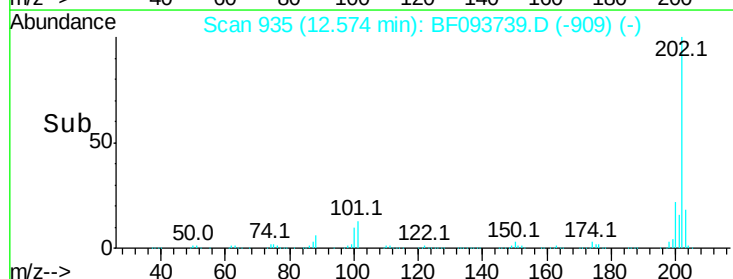
203 18.1 0.0 38.1

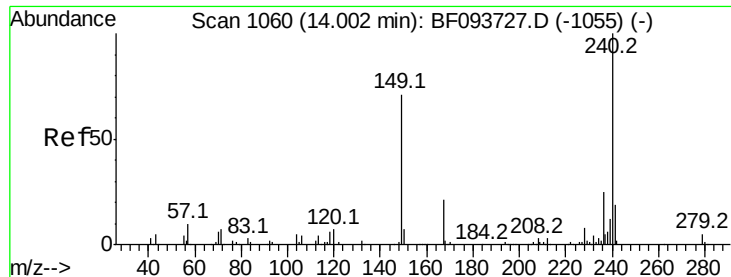


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

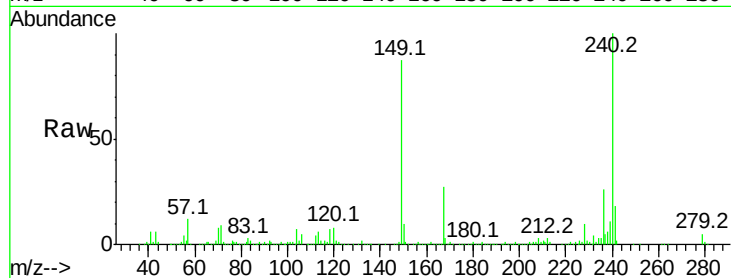
Tot Ion:240 Resp: 411752

Ion Ratio Lower Upper

240 100

120 7.6 5.8 8.8

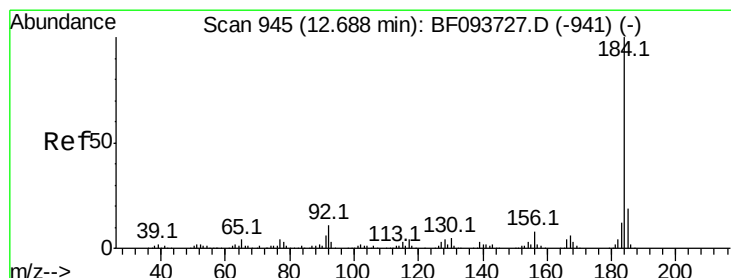
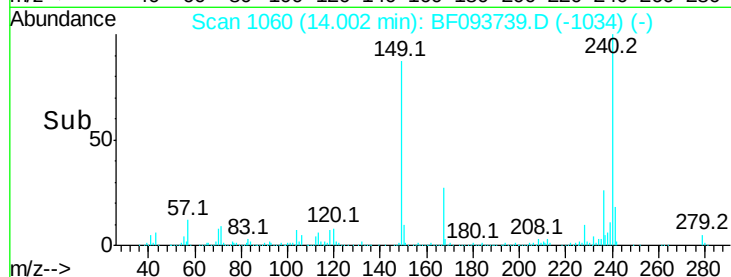
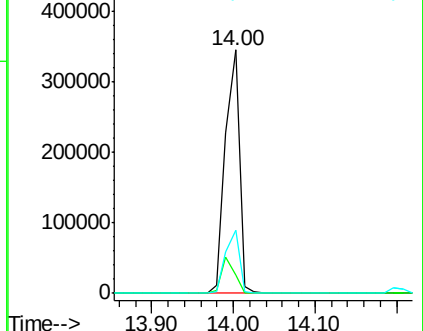
236 26.1 20.5 30.7



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: 29.46 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

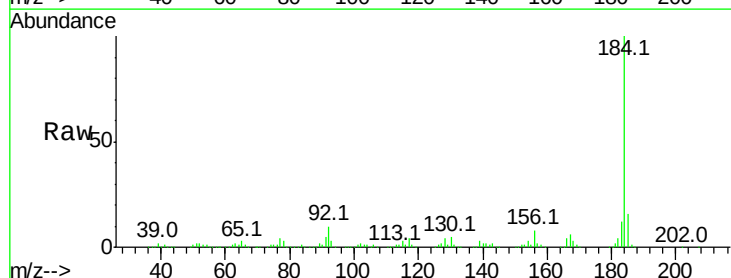
Tgt Ion:184 Resp: 474031

Ion Ratio Lower Upper

184 100

185 15.8 15.5 23.3

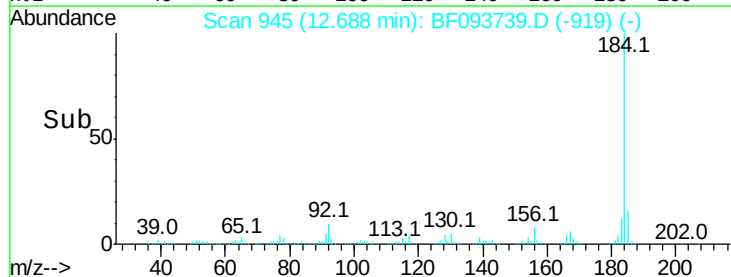
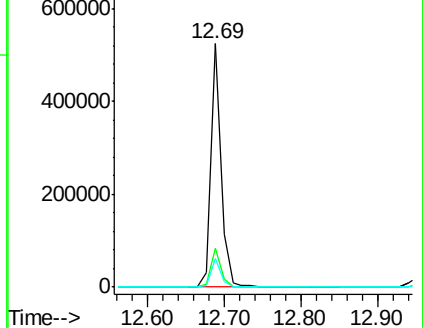
183 11.9 9.8 14.6

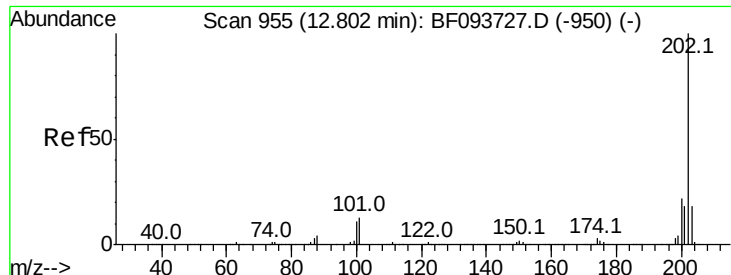


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



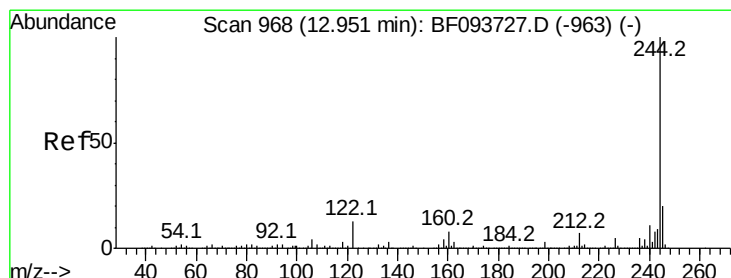
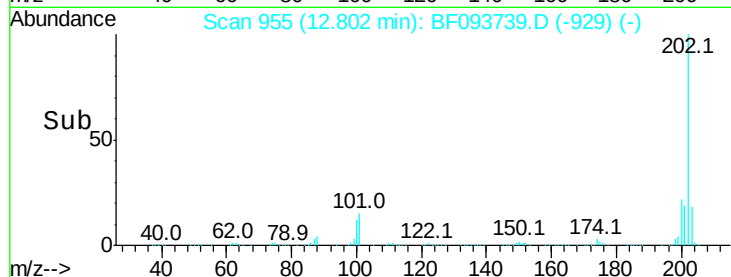
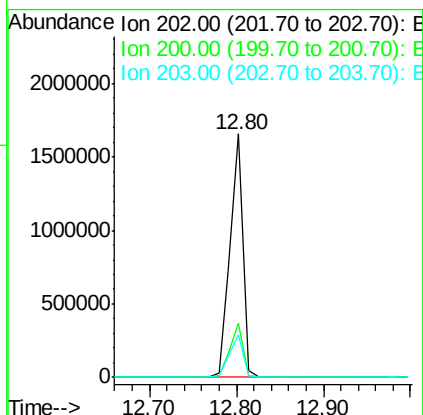
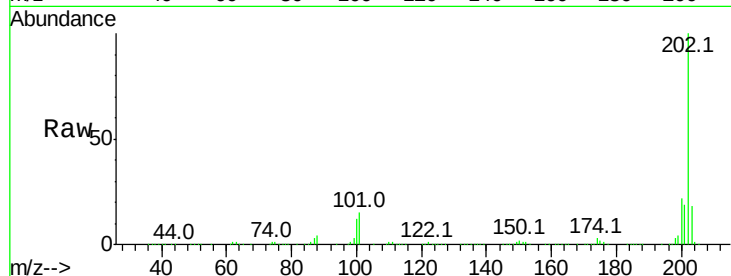


#77
 Pvrene
 Concen: 48.55 ng
 RT: 12.80 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tot Ion:202 Resp: 1700124

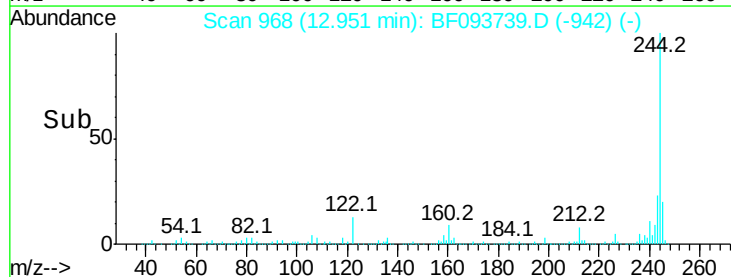
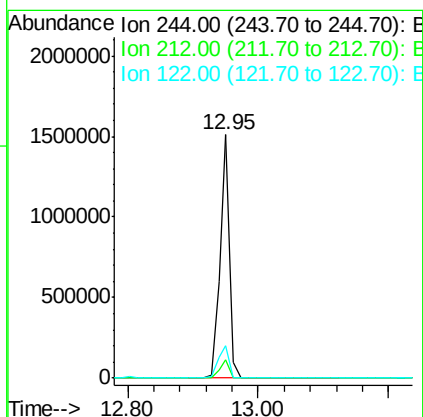
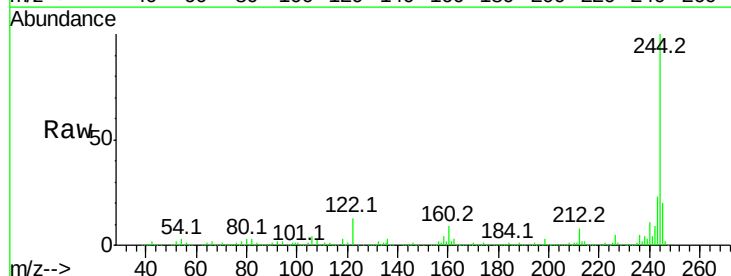
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	17.8	14.4	21.6

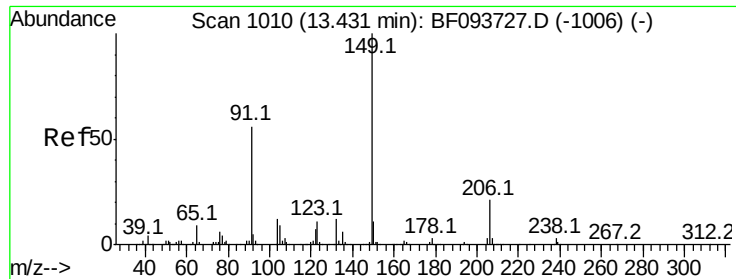


#78
 Terphenyl-d14
 Concen: 80.45 ng
 RT: 12.95 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion:244 Resp: 1539028

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	13.4	10.3	15.5





#79

Butylbenzylphthalate

Concen: 53.84 ng

RT: 13.43 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

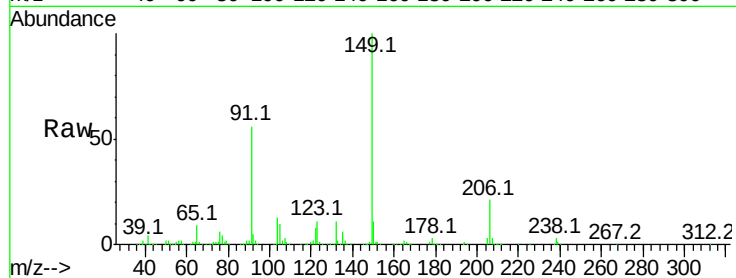
Tot Ion:149 Resp: 800879

Ion Ratio Lower Upper

149 100

91 56.4 45.0 67.4

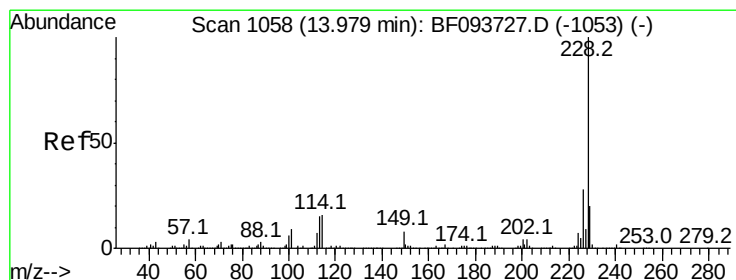
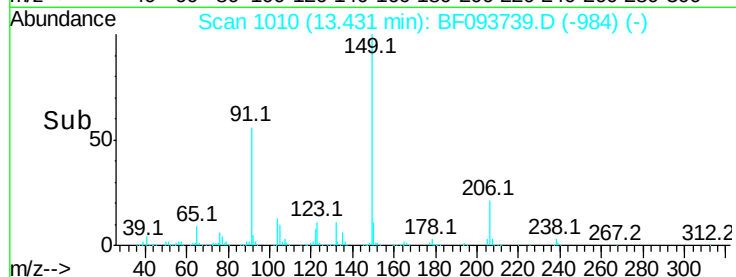
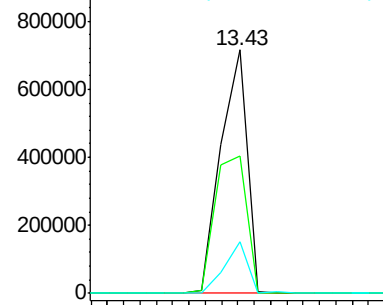
206 21.1 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.08 ng

RT: 13.98 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

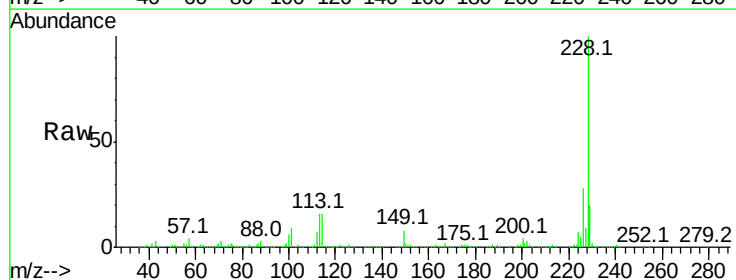
Tgt Ion:228 Resp: 1296922

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

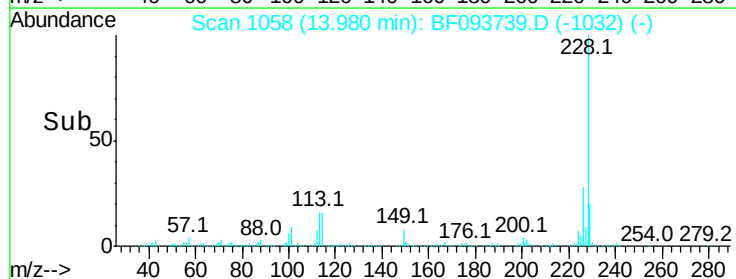
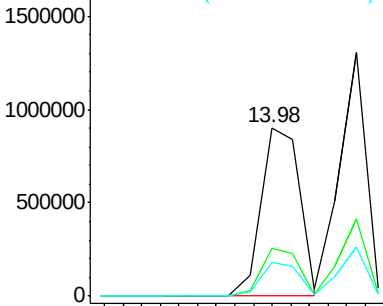
229 20.1 16.3 24.5

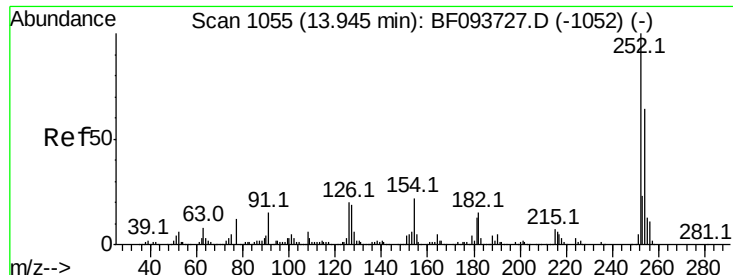


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

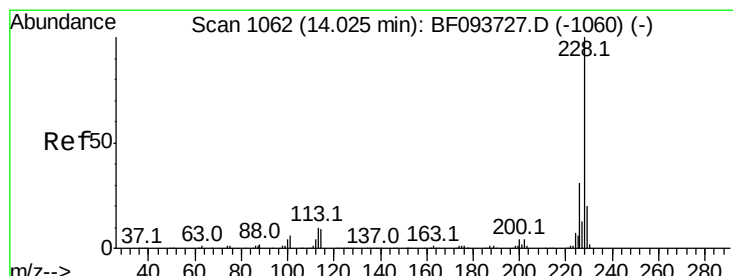
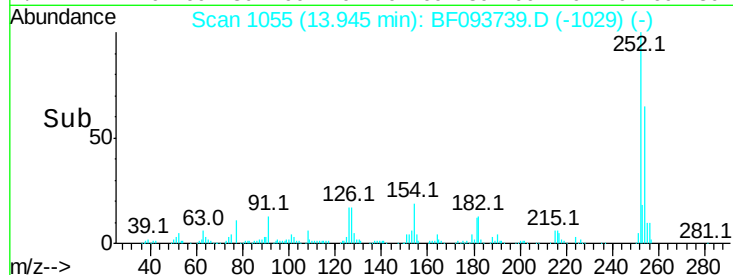
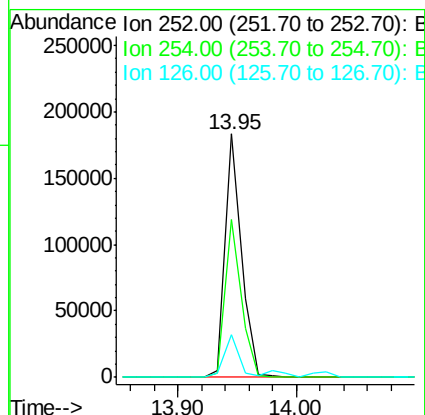
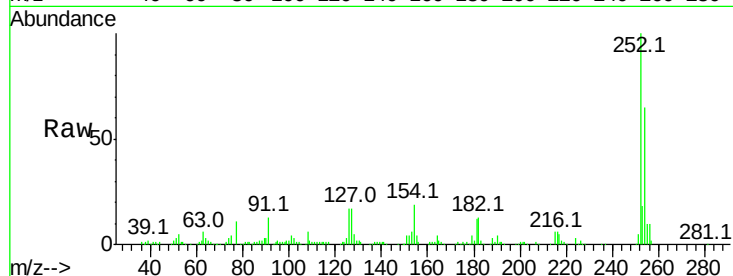




#81
 3,3'-Dichlorobenzidine
 Concen: 18.70 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

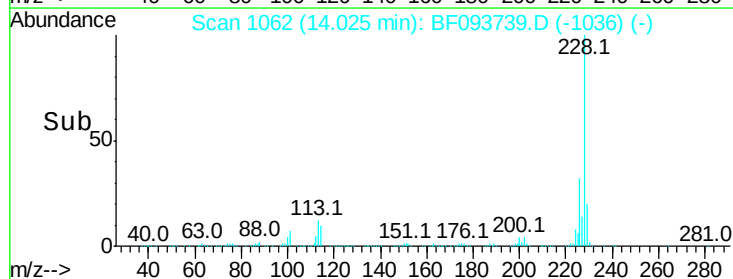
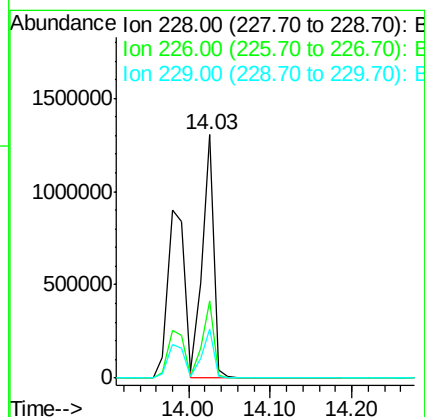
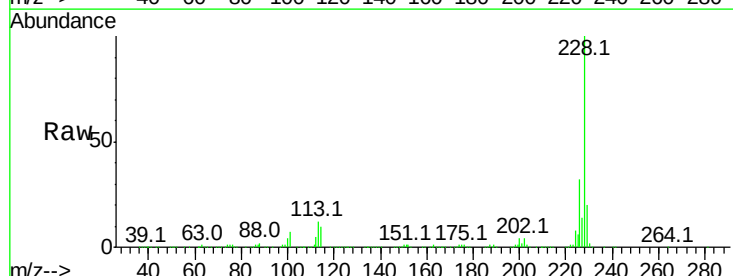
Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

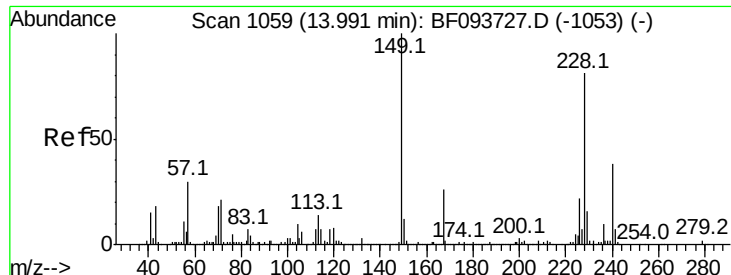
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	17.3	15.8	23.8



#82
 Chrysene
 Concen: 50.72 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.0	15.8	23.6

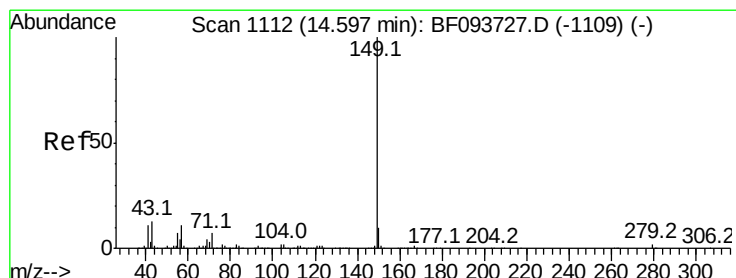
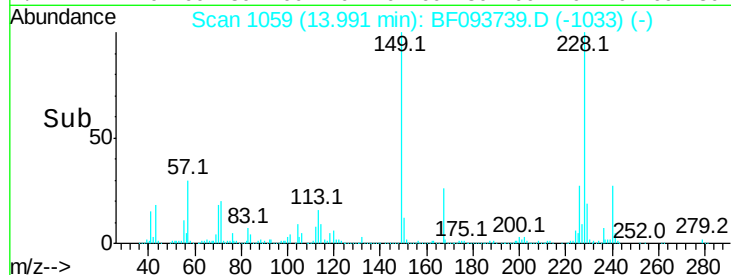
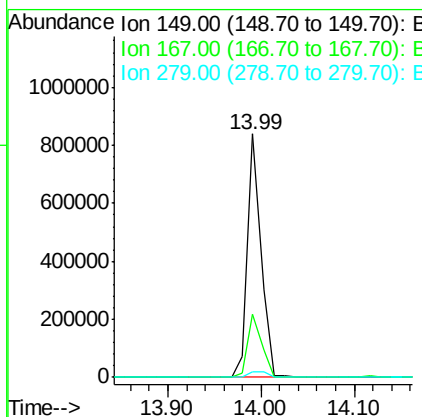
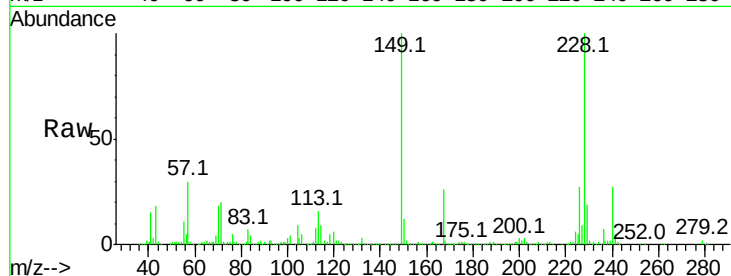




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.55 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

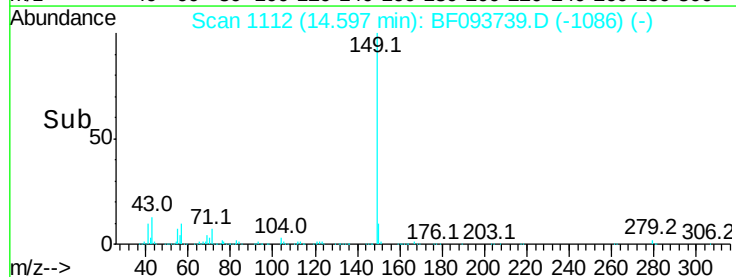
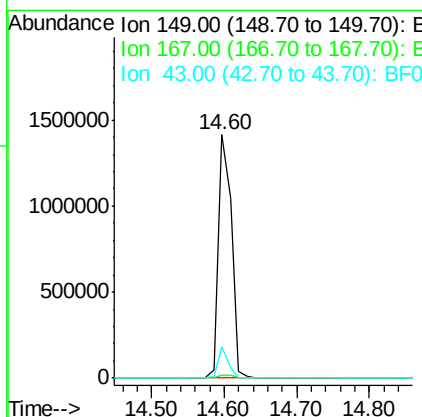
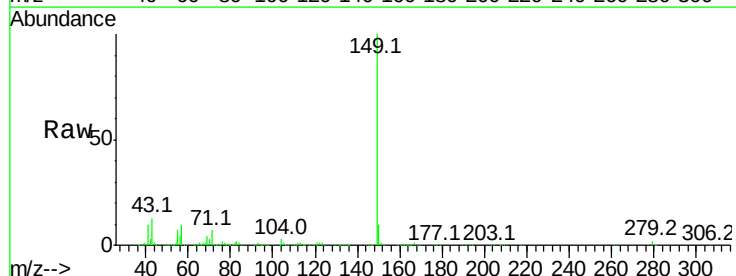
Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

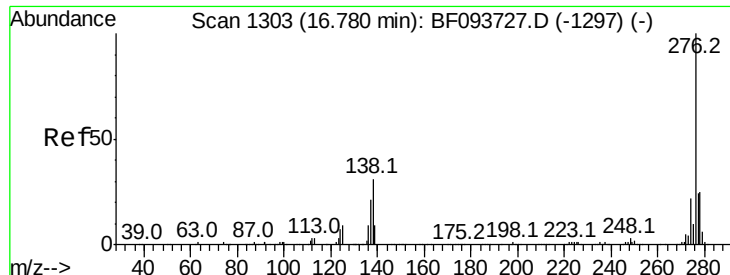
Tot Ion:149 Resp: 843200
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.0 31.4
 279 2.5 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 58.53 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion:149 Resp: 1764921
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.9 8.5 12.7

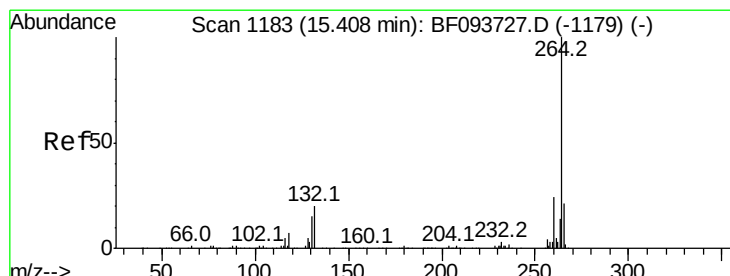
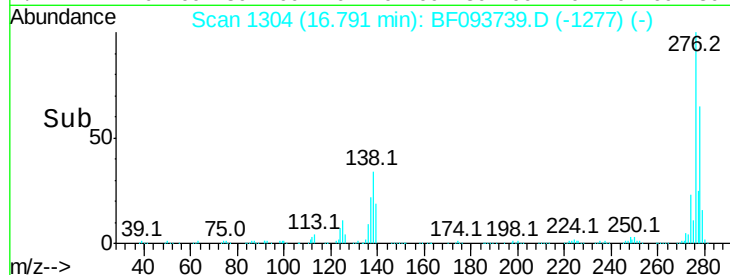
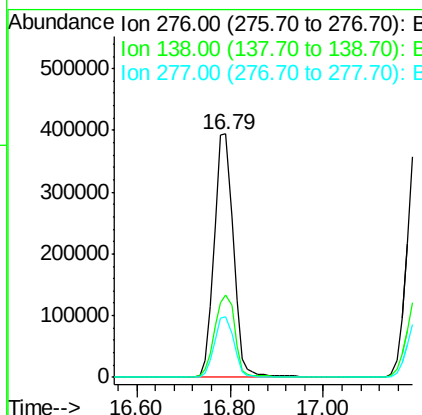
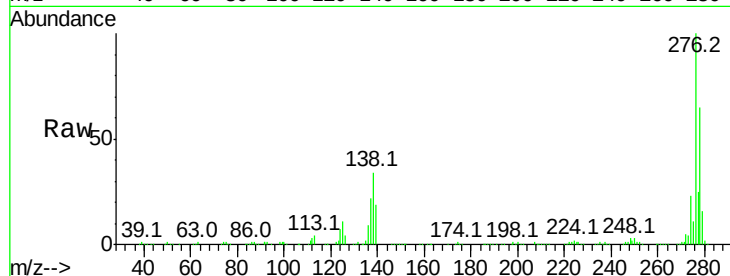




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.36 ng
 RT: 16.79 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

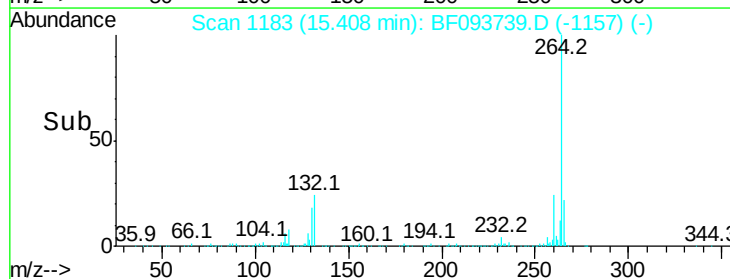
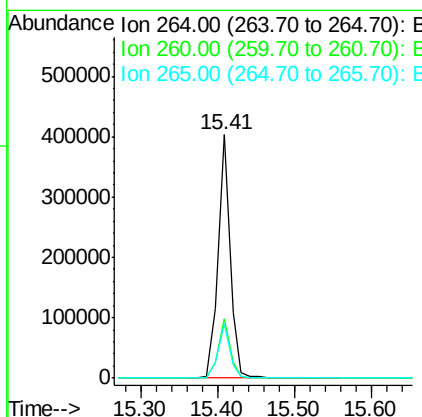
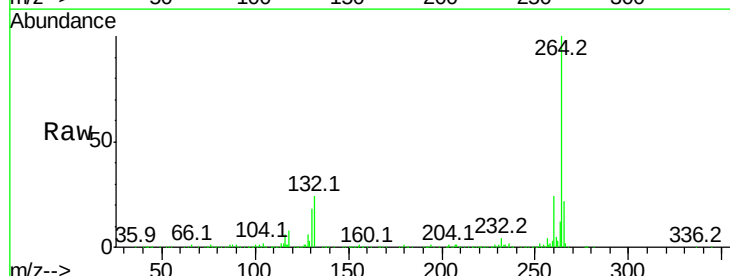
Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

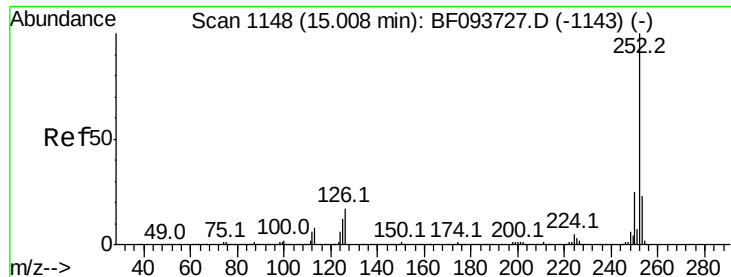
Tot Ion:276 Resp: 1132595
 Ion Ratio Lower Upper
 276 100
 138 35.7 27.8 41.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion:264 Resp: 447928
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 22.0 17.2 25.8

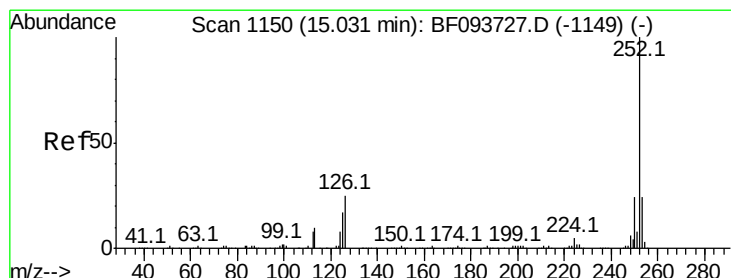
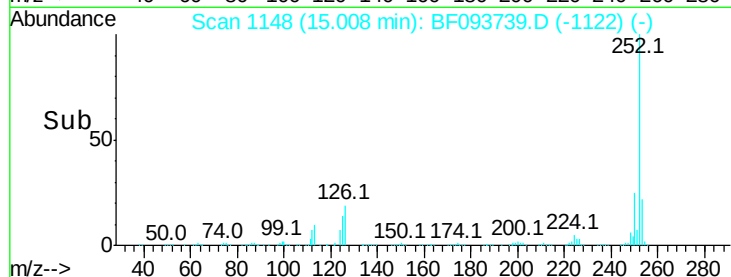
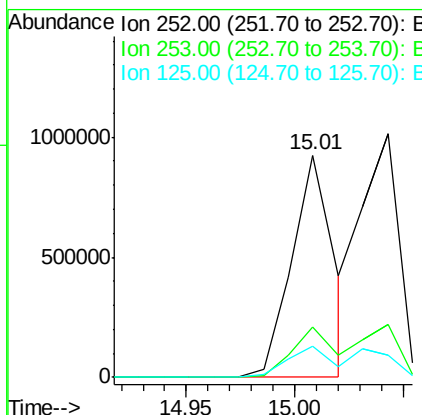
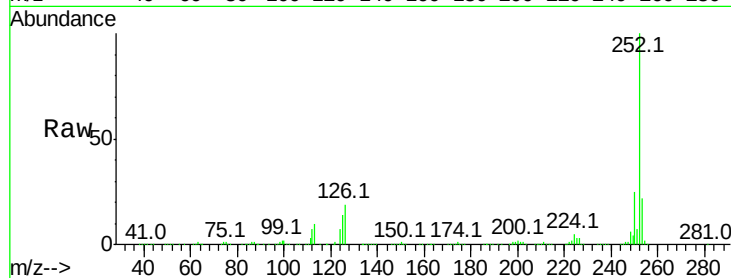




#87
Benzo(b)fluoranthene
Concen: 43.51 ng
RT: 15.01 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

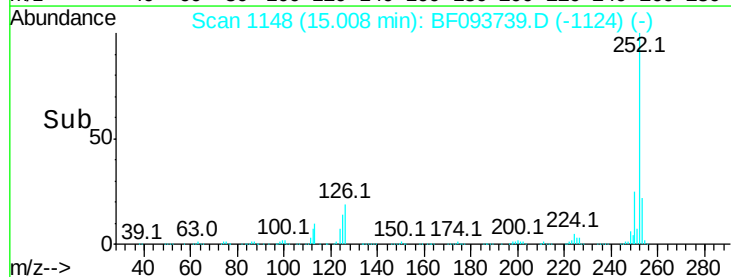
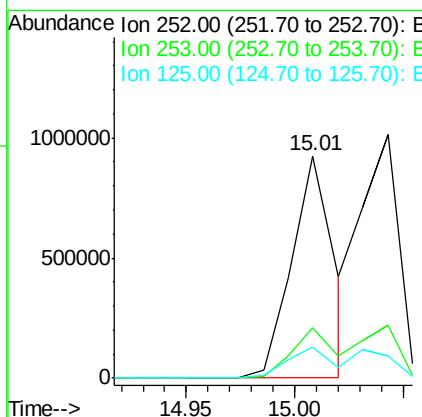
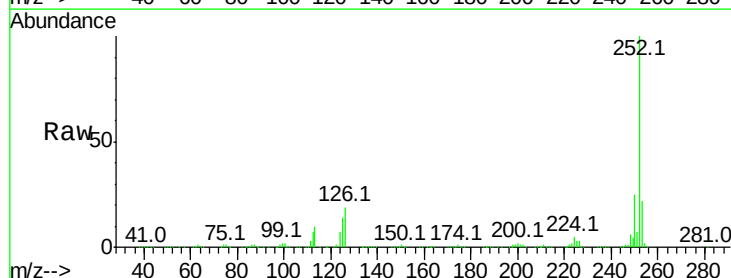
Instrument :
BNA_F
ClientSampleId :
PB97641BS

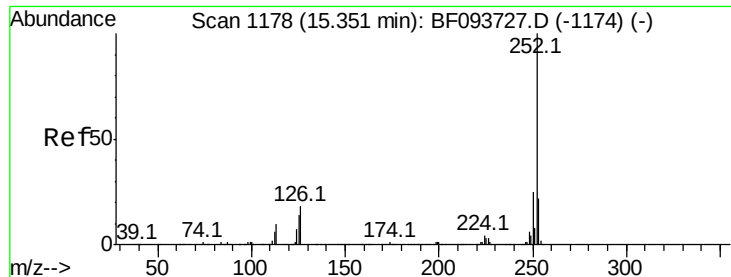
Tot Ion:252 Resp: 1235470
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 14.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 49.23 ng
RT: 15.01 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion:252 Resp: 1235470
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 14.0 13.1 19.7

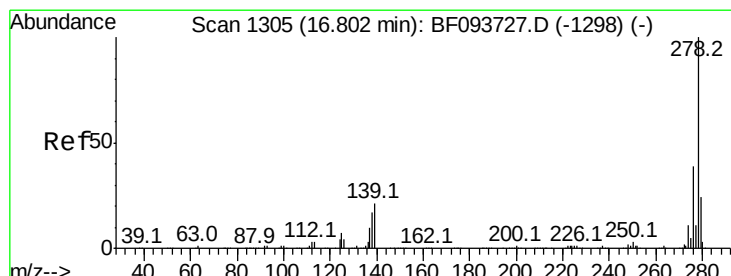
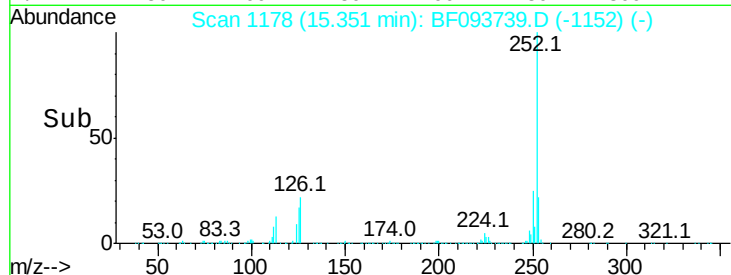
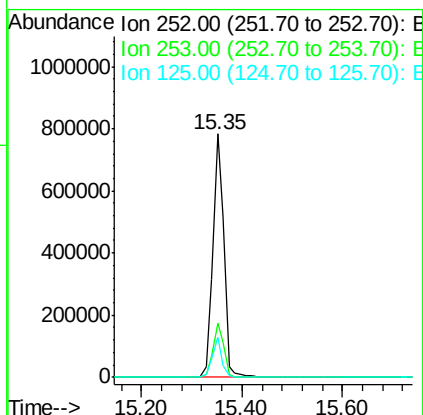
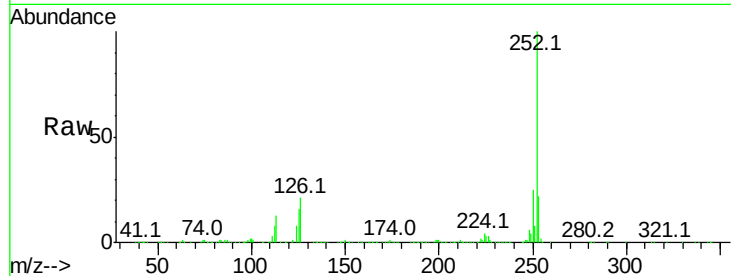




#89
Benzo(a)pyrene
Concen: 47.16 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

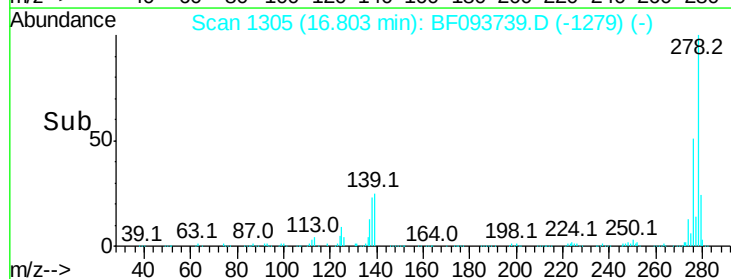
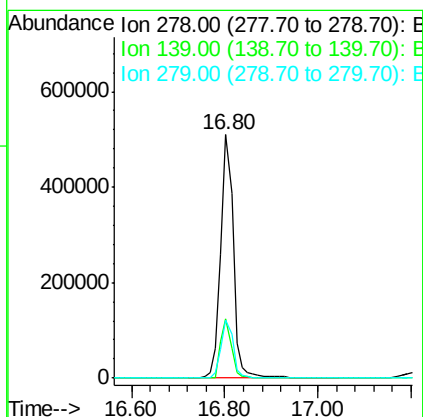
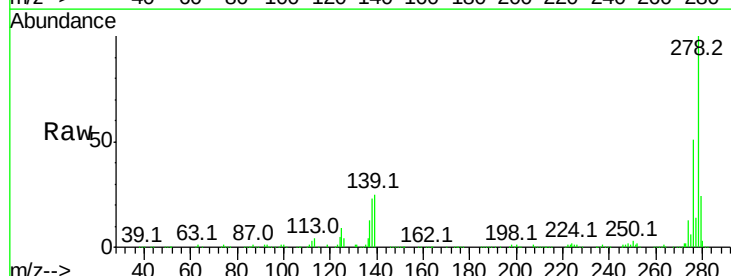
Instrument :
BNA_F
ClientSampleId :
PB97641BS

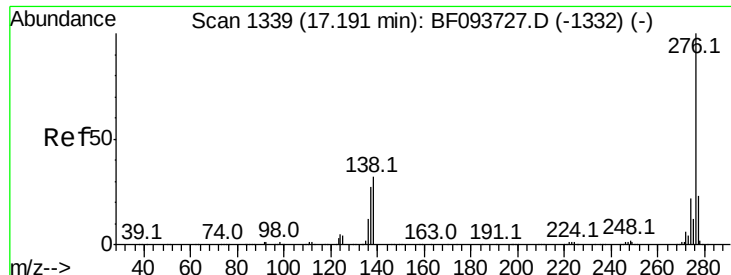
Tot Ion:252 Resp: 1183519
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 16.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 44.78 ng
RT: 16.80 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion:278 Resp: 950728
Ion Ratio Lower Upper
278 100
139 24.6 16.6 24.8
279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 43.06 ng

RT: 17.20 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

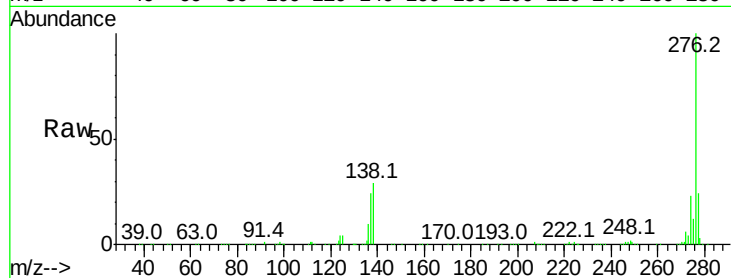
Tot Ion:276 Resp: 929687

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 28.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

