

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093741.D
 Acq On : 18 Mar 2017 9:27
 Operator : SJ/MA
 Sample : PB97670BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Quant Time: Mar 20 01:04:50 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	188246	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	764660	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	371292	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	619293	20.00	ng	0.00
75) Chrysene-d12	13.99	240	435330	20.00	ng	-0.01
86) Perylene-d12	15.41	264	454054	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1316838	116.63	ng	0.01
7) Phenol-d6	6.48	99	1617838	115.61	ng	0.00
23) Nitrobenzene-d5	7.41	82	1044181	81.96	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	357658	147.18	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1813585	92.17	ng	0.00
78) Terphenyl-d14	12.95	244	1447205	71.55	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.55	88	210686	36.14	ng	99
3) Pyridine	3.25	79	611248	38.33	ng	98
4) n-Nitrosodimethylamine	3.18	42	281633	40.36	ng	100
6) Aniline	6.50	93	208024	10.40	ng	99
8) 2-Chlorophenol	6.63	128	509235	40.56	ng	98
9) Benzaldehyde	6.39	77	236642	28.19	ng	91
10) Phenol	6.49	94	696456	42.56	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	516382	40.05	ng	99
12) 1,3-Dichlorobenzene	6.79	146	576065	41.42	ng	98
13) 1,4-Dichlorobenzene	6.87	146	559147	39.26	ng	99
14) 1,2-Dichlorobenzene	7.02	146	512545	38.49	ng	98
15) Benzyl Alcohol	6.98	79	396303	37.83	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	743244	36.56	ng	99
17) 2-Methylphenol	7.11	107	456376	42.00	ng	94
18) Hexachloroethane	7.36	117	199541	39.43	ng	# 76
19) n-Nitroso-di-n-propylamine	7.27	70	381645	41.07	ng	95
20) 3+4-Methylphenols	7.26	107	512730	39.80	ng	99
22) Acetophenone	7.26	105	675833	39.67	ng	# 96
24) Nitrobenzene	7.43	77	596912	43.34	ng	95
25) Isophorone	7.67	82	979050	39.92	ng	98
26) 2-Nitrophenol	7.75	139	277816	53.28	ng	97
27) 2,4-Dimethylphenol	7.78	122	494884	41.47	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	664537	42.93	ng	99
29) 2,4-Dichlorophenol	7.99	162	463665	45.23	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	440112	41.18	ng	97
31) Naphthalene	8.15	128	1469693	39.42	ng	100
32) Benzoic acid	7.91	122	316919	43.35	ng	93
33) 4-Chloroaniline	8.20	127	62073	3.98	ng	94
34) Hexachlorobutadiene	8.29	225	221893	39.65	ng	96
35) Caprolactam	8.56	113	93552	27.19	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	493049	45.68	ng	93
37) 2-Methylnaphthalene	8.85	142	1037918	42.98	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	375945	43.24	ng	98
40) Hexachlorocyclopentadiene	9.01	237	388233	89.38	ng	98

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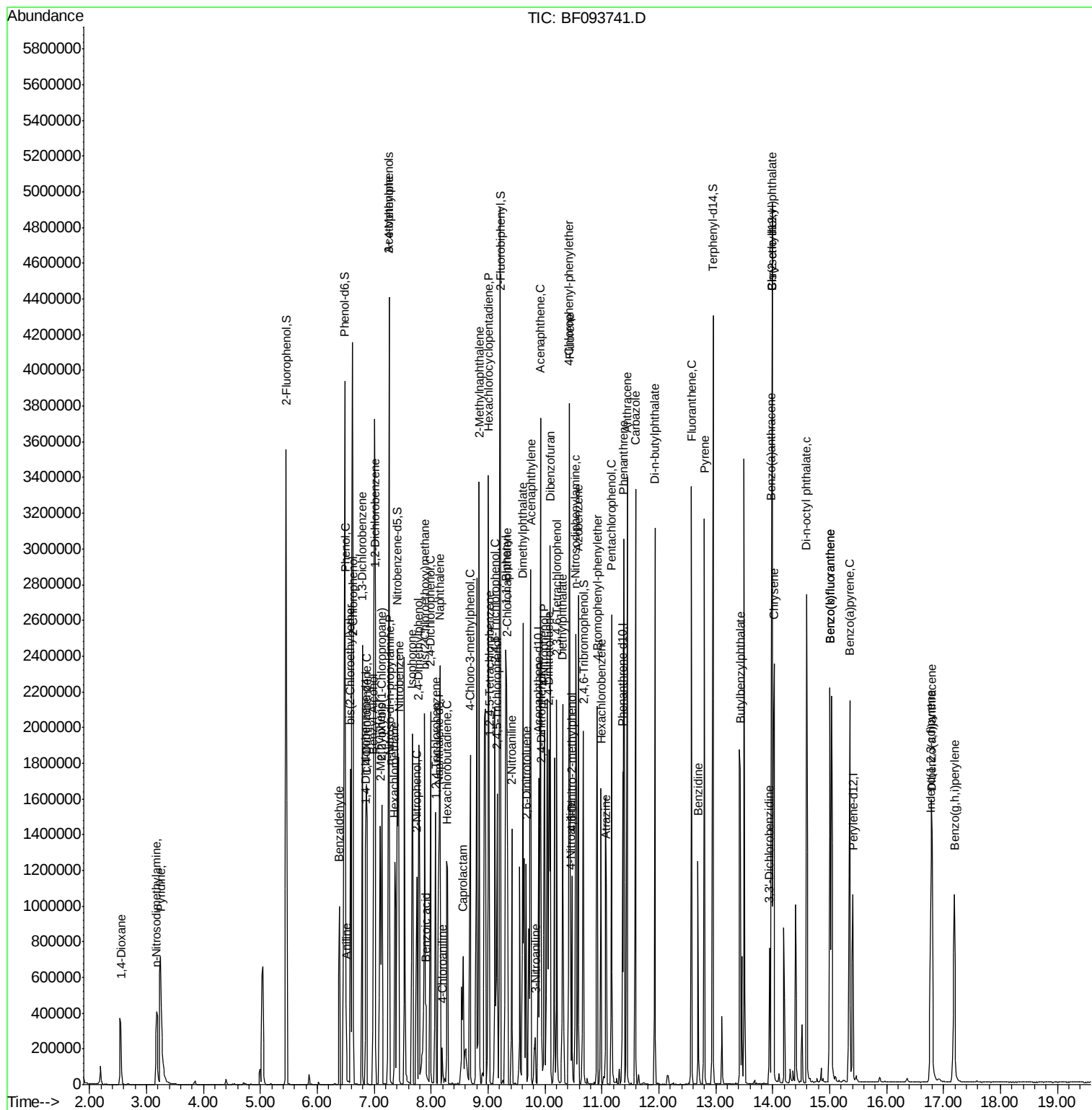
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	308331	48.10	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	279621	42.31	nq	96
45) 1,1'-Biphenyl	9.32	154	1143232	43.91	nq	98
46) 2-Chloronaphthalene	9.33	162	907768	43.45	nq	# 92
47) 2-Nitroaniline	9.42	65	241937	40.03	nq	99
48) Acenaphthylene	9.75	152	1527983	44.85	nq	99
49) Dimethylphthalate	9.61	163	1091212	44.99	nq	100
50) 2,6-Dinitrotoluene	9.67	165	252807	48.26	nq	89
51) Acenaphthene	9.92	154	981239	48.87	nq	100
52) 3-Nitroaniline	9.83	138	57171	9.20	nq	80
53) 2,4-Dinitrophenol	9.93	184	173929	76.71	nq	# 80
54) Dibenzofuran	10.09	168	1325843	48.58	nq	99
55) 4-Nitrophenol	9.99	139	385854	82.29	nq	# 61
56) 2,4-Dinitrotoluene	10.07	165	342817	49.16	nq	# 89
57) Fluorene	10.44	166	958951	43.32	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	228178	50.20	nq	98
59) Diethylphthalate	10.31	149	1001603	43.39	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	378167	40.54	nq	98
61) 4-Nitroaniline	10.45	138	253310	43.80	nq	98
62) Azobenzene	10.58	77	1139282	48.85	nq	99
64) 4,6-Dinitro-2-methylphenol	10.47	198	129123	39.80	nq	97
65) n-Nitrosodiphenylamine	10.54	169	854751	40.89	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	252850	43.19	nq	97
67) Hexachlorobenzene	10.98	284	263995	43.14	nq	100
68) Atrazine	11.08	200	273082	45.36	nq	99
69) Pentachlorophenol	11.17	266	274700	78.36	nq	99
70) Phenanthrene	11.38	178	1291021	36.87	nq	99
71) Anthracene	11.44	178	1449530	42.31	nq	99
72) Carbazole	11.59	167	1293146	36.06	nq	100
73) Di-n-butylphthalate	11.93	149	1484188	40.48	nq	100
74) Fluoranthene	12.57	202	1436001	42.32	nq	99
76) Benzidine	12.69	184	417576	24.55	nq	95
77) Pyrene	12.80	202	1504180	40.63	nq	100
79) Butylbenzylphthalate	13.43	149	668746	42.52	nq	98
80) Benzo(a)anthracene	13.98	228	1093321	39.13	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	138524	14.13	nq	# 94
82) Chrysene	14.03	228	1133454	41.97	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	759075	43.90	nq	100
84) Di-n-octyl phthalate	14.60	149	1526158	47.87	nq	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	968751	42.36	nq	99
87) Benzo(b)fluoranthene	15.01	252	1138557	39.56	nq	99
88) Benzo(k)fluoranthene	15.01	252	1138557	44.76	nq	# 94
89) Benzo(a)pyrene	15.35	252	1019924	40.10	nq	99
90) Dibenzo(a,h)anthracene	16.80	278	809266	37.60	nq	99
91) Benzo(g,h,i)perylene	17.19	276	798166	36.47	nq	99

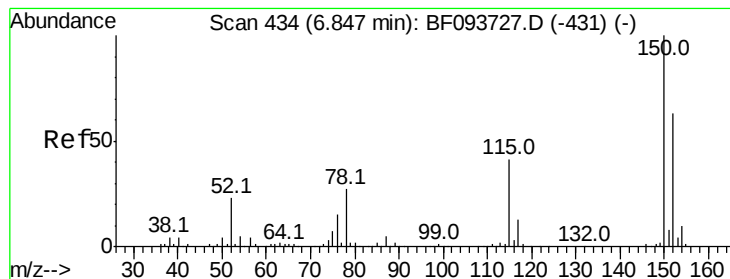
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

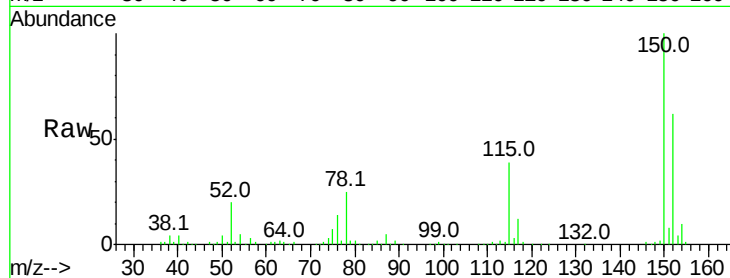
Tot Ion:152 Resp: 188246

Ion Ratio Lower Upper

152 100

150 160.0 126.2 189.2

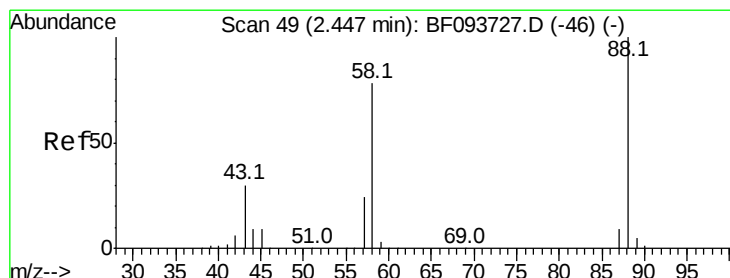
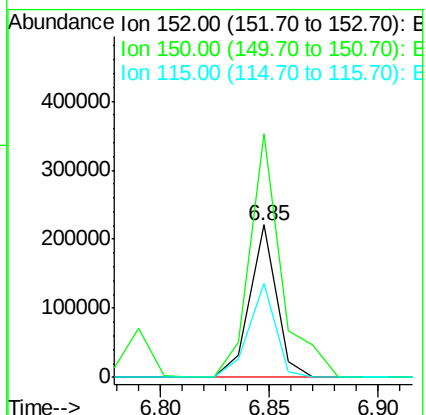
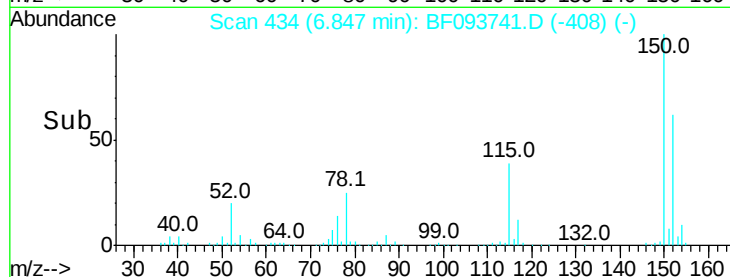
115 61.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.14 ng

RT: 2.55 min Scan# 58

Delta R.T. 0.10 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

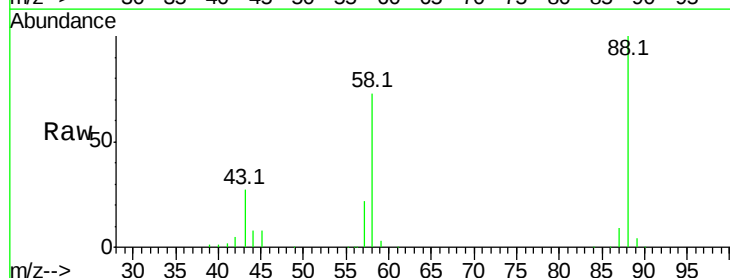
Tgt Ion: 88 Resp: 210686

Ion Ratio Lower Upper

88 100

58 77.2 61.4 92.0

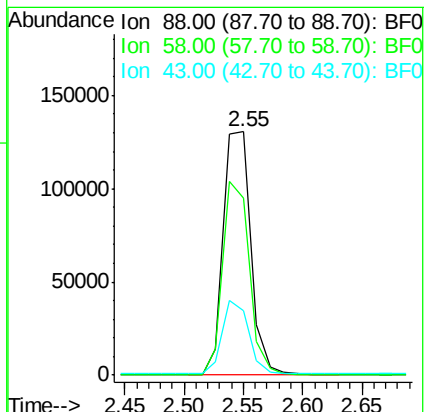
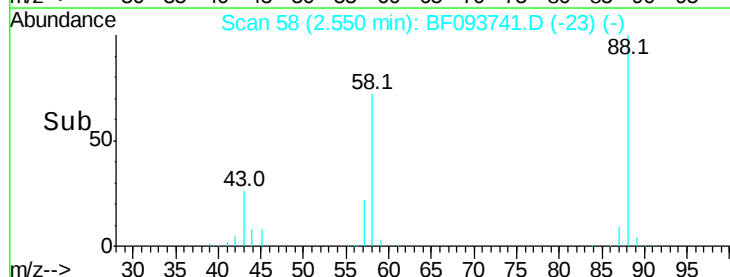
43 29.5 23.4 35.0

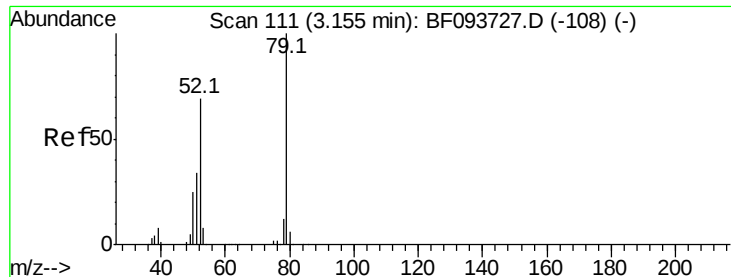


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.33 ng

RT: 3.25 min Scan# 119

Delta R.T. 0.09 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

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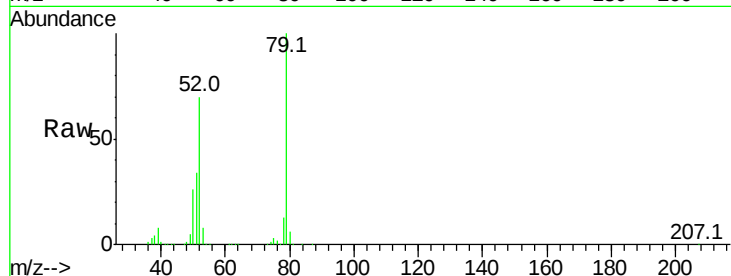
Tot Ion: 79 Resp: 611248

Ion Ratio Lower Upper

79 100

52 70.4 54.8 82.2

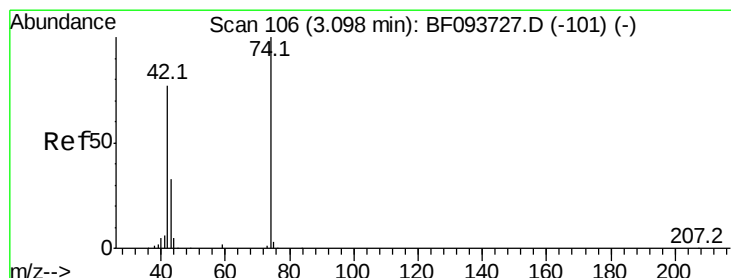
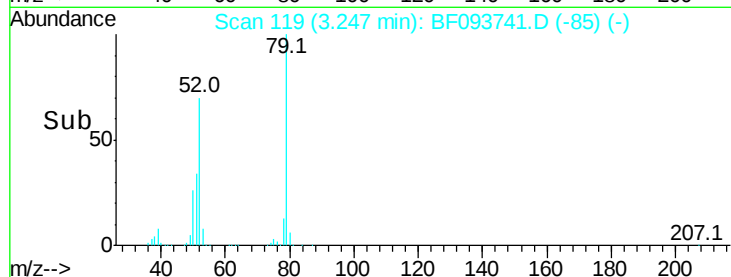
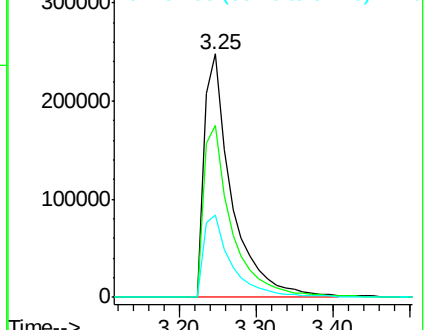
51 33.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.36 ng

RT: 3.18 min Scan# 113

Delta R.T. 0.08 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

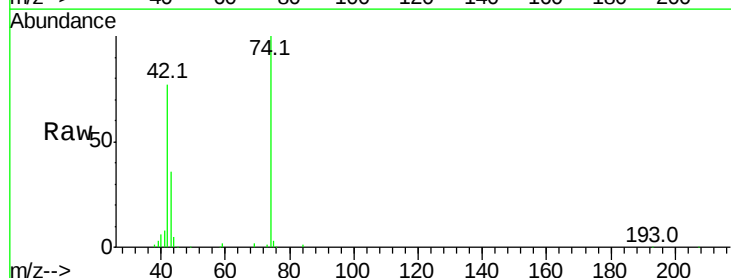
Tgt Ion: 42 Resp: 281633

Ion Ratio Lower Upper

42 100

74 129.5 103.9 155.9

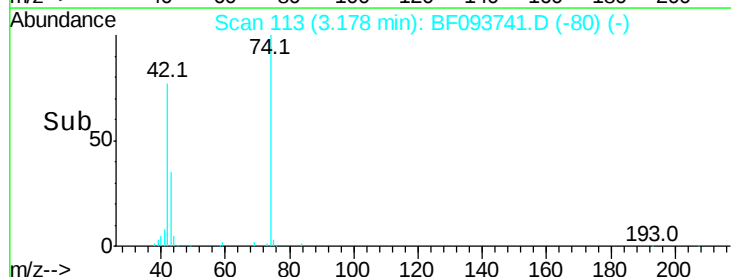
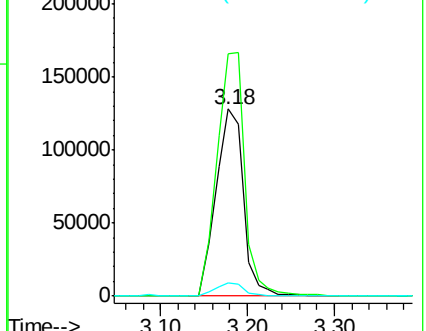
44 6.9 5.7 8.5

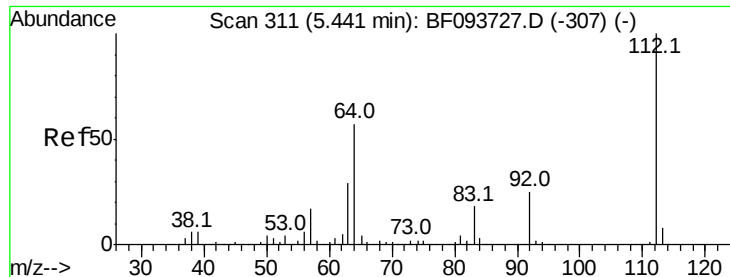


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.63 ng

RT: 5.45 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF093741.D

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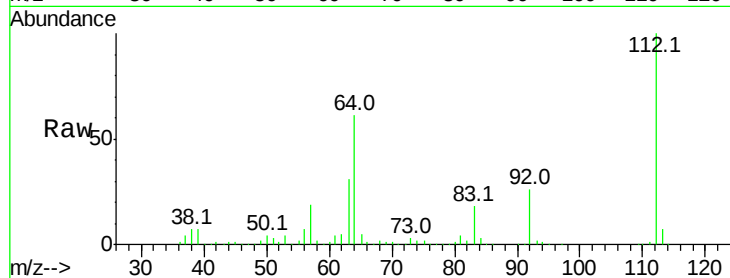
Tot Ion:112 Resp: 1316838

Ion Ratio Lower Upper

112 100

64 60.7 46.0 69.0

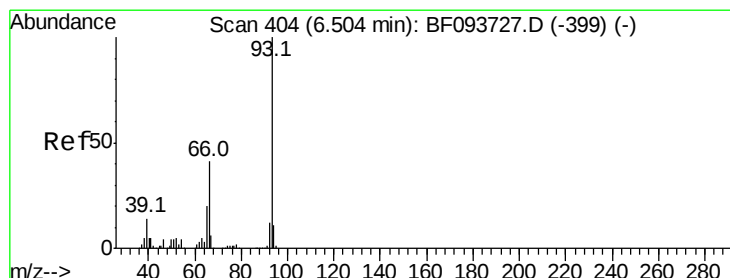
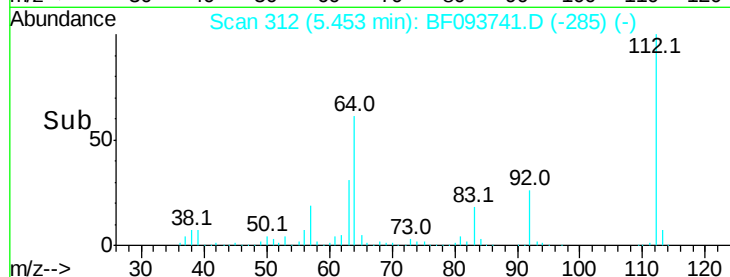
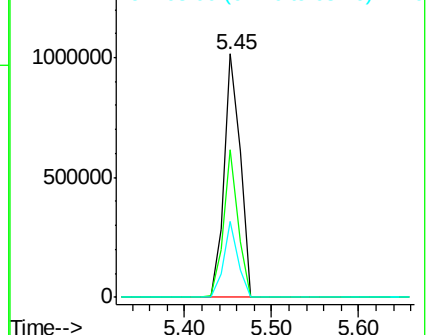
63 31.0 23.4 35.0



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: 10.40 ng

RT: 6.50 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

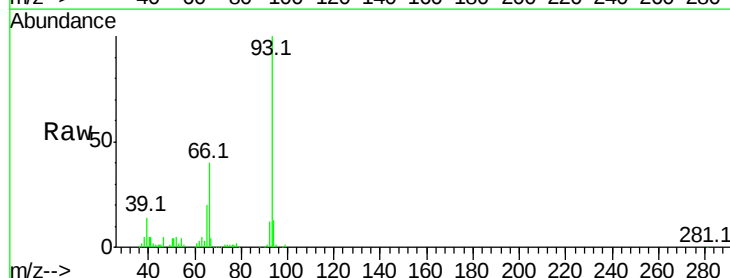
Tgt Ion: 93 Resp: 208024

Ion Ratio Lower Upper

93 100

66 40.1 32.9 49.3

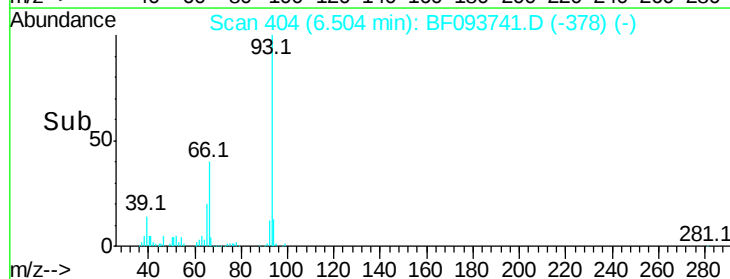
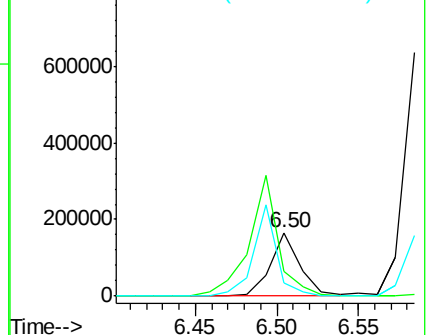
65 20.3 16.0 24.0

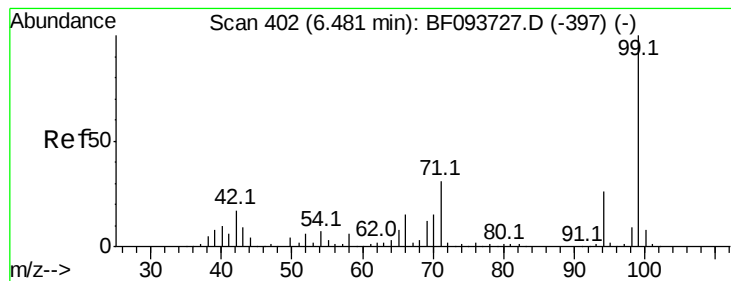


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.61 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

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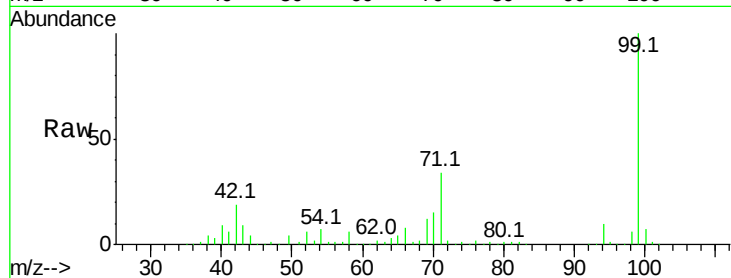
Tot Ion: 99 Resp: 1617838

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.5	20.3
71	33.7	24.5	36.7

99 100

42 18.6 13.5 20.3

71 33.7 24.5 36.7

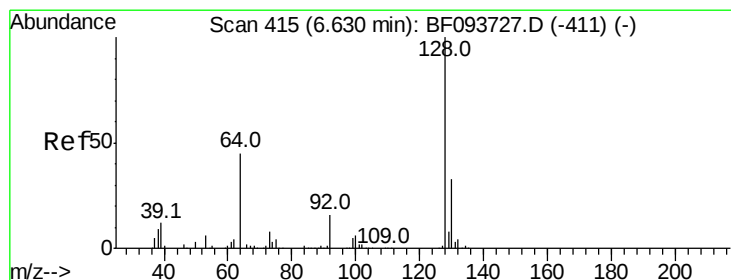
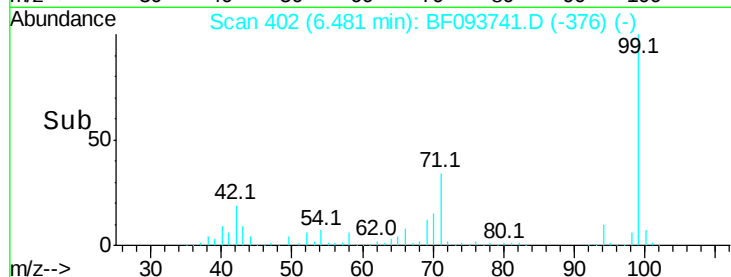
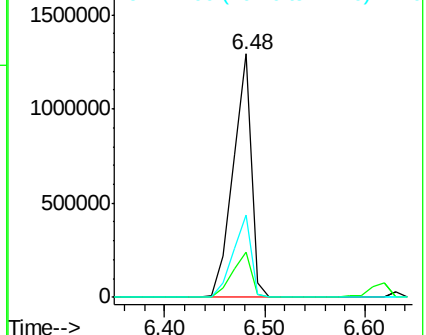


Abundance

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: 40.56 ng

RT: 6.63 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF093741.D

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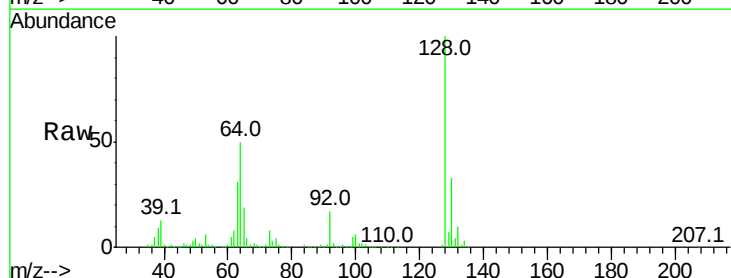
Tgt Ion: 128 Resp: 509235

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	50.1	28.4	68.4

128 100

130 33.1 12.9 52.9

64 50.1 28.4 68.4

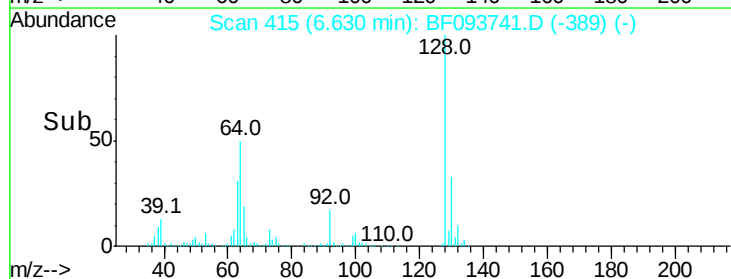
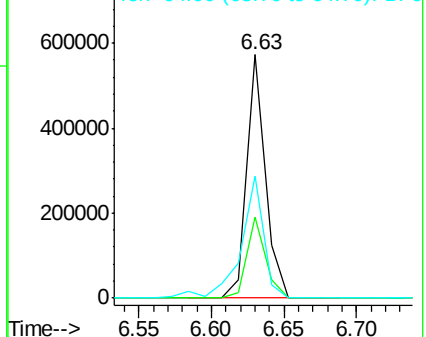


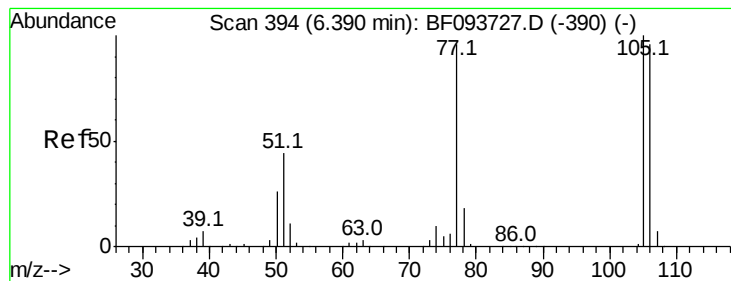
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.19 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

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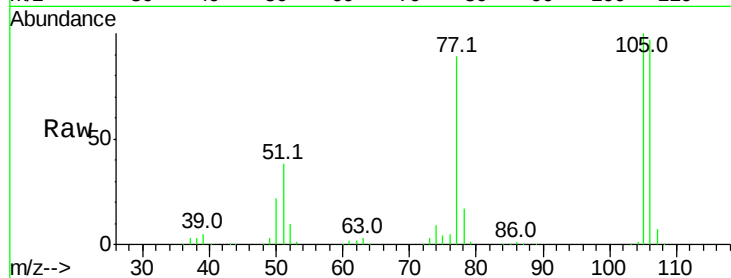
Tot Ion: 77 Resp: 236642

Ion Ratio Lower Upper

77 100

105 112.1 83.8 123.8

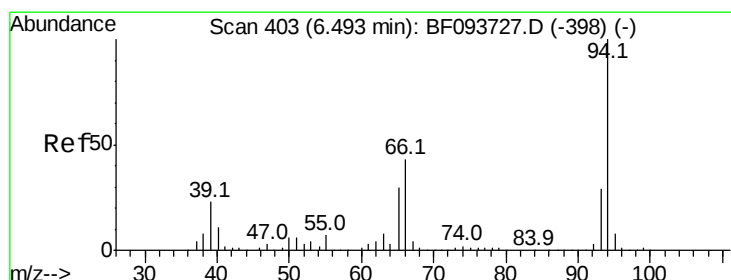
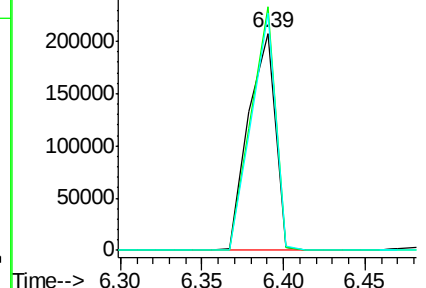
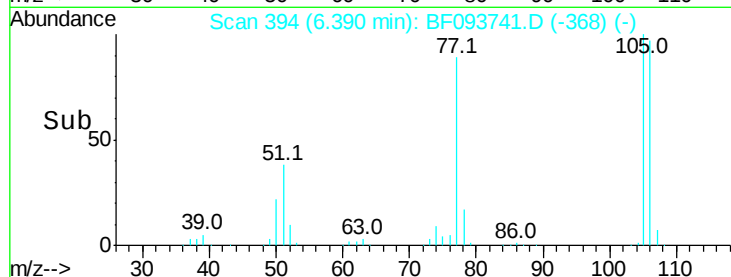
106 109.0 79.1 119.1



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: 42.56 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

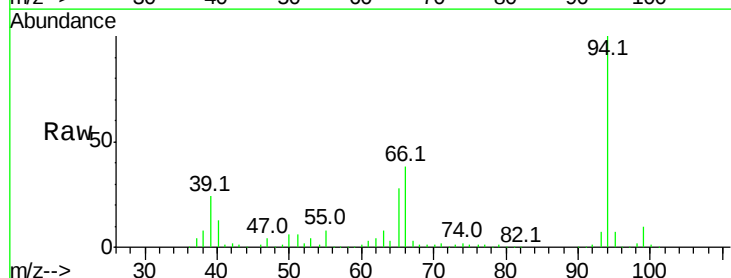
Tgt Ion: 94 Resp: 696456

Ion Ratio Lower Upper

94 100

65 28.5 9.9 49.9

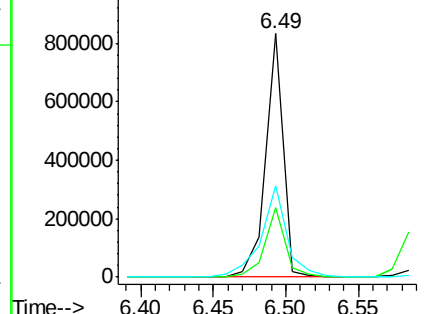
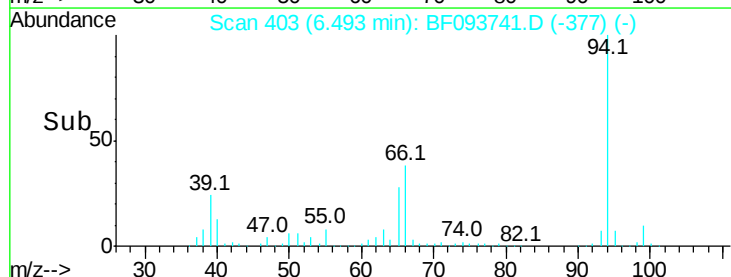
66 37.6 23.1 63.1

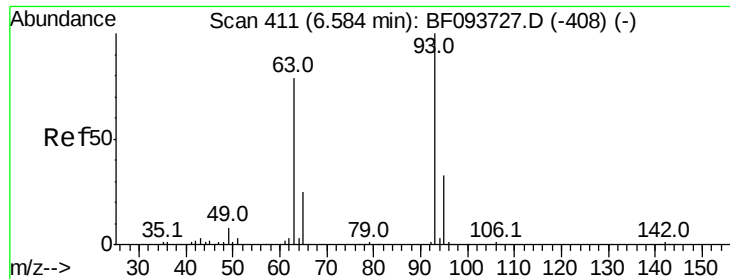


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

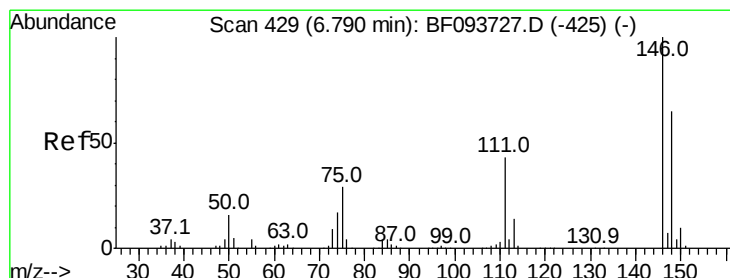
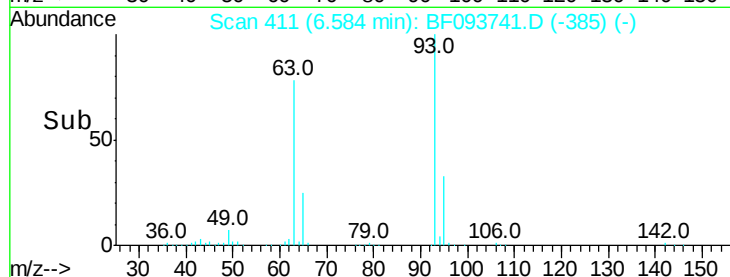
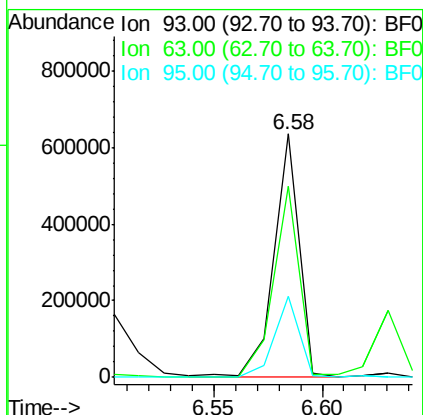
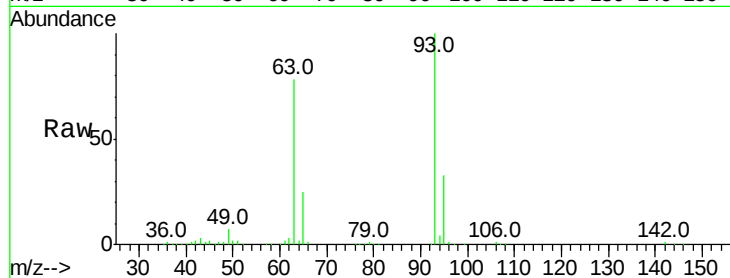




#11
bis(2-Chloroethyl)ether
Concen: 40.05 ng
RT: 6.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

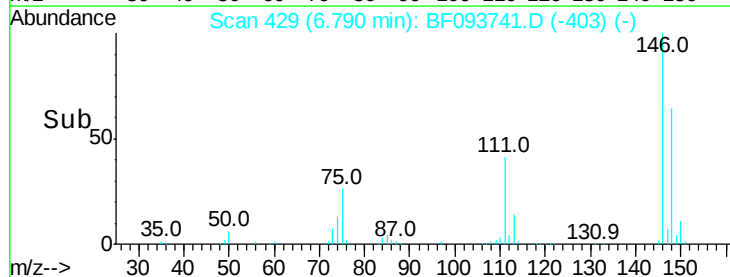
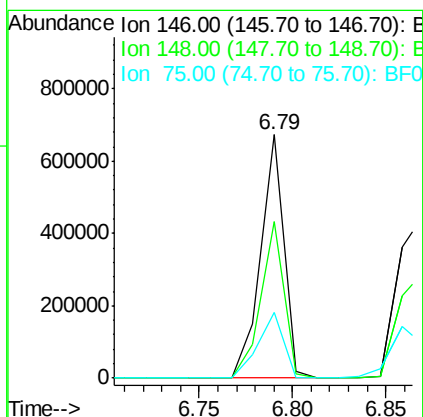
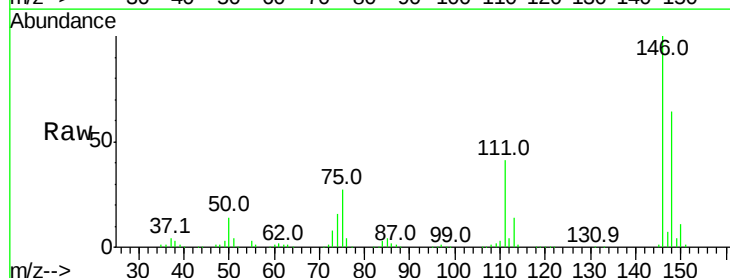
Instrument :
BNA_F
ClientSampleId :
PB97670BS

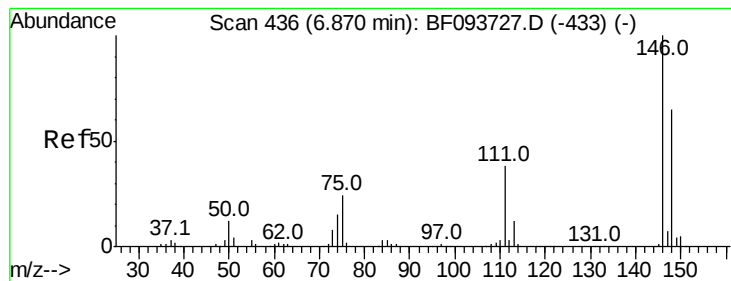
Tot Ion: 93 Resp: 516382
Ion Ratio Lower Upper
93 100
63 78.4 59.2 99.2
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.42 ng
RT: 6.79 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion: 146 Resp: 576065
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
75 26.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.26 ng

RT: 6.87 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

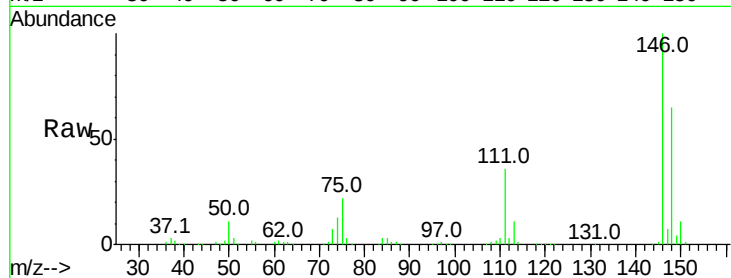
Tot Ion:146 Resp: 559147

Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.2

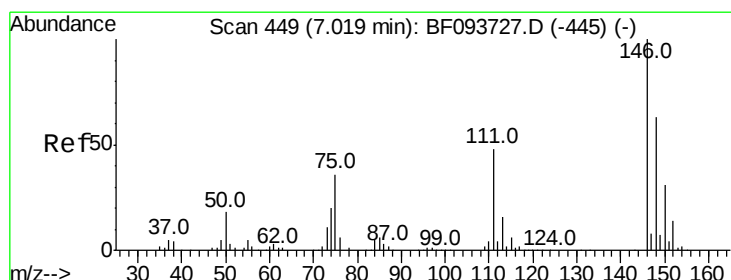
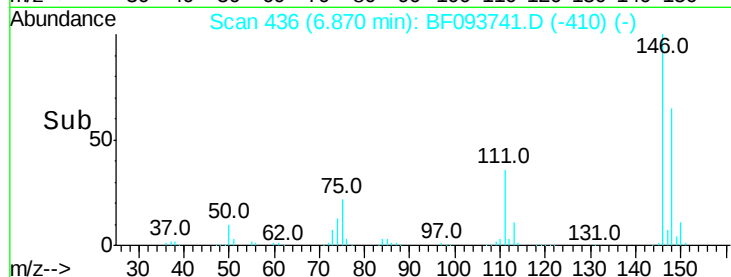
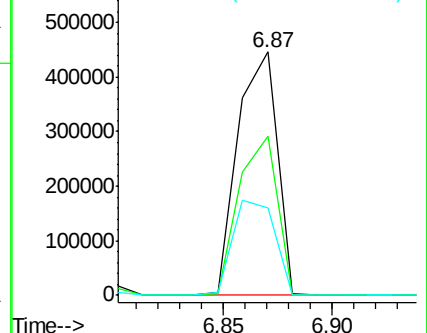
111 35.9 30.3 45.5



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: 38.49 ng

RT: 7.02 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

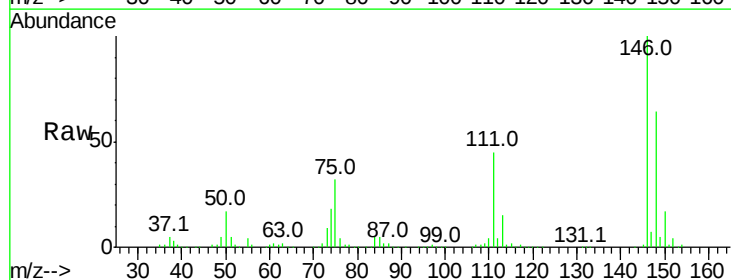
Tgt Ion:146 Resp: 512545

Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

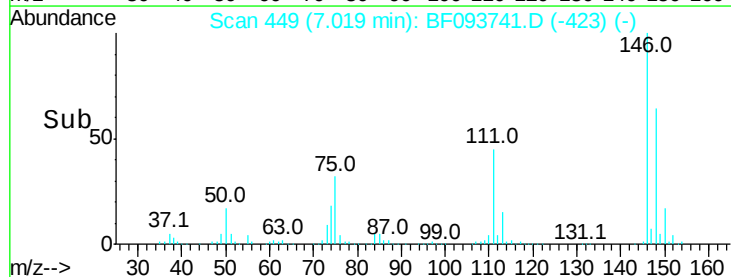
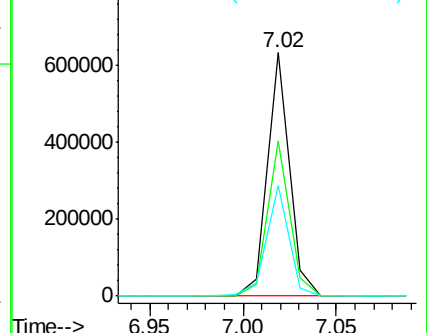
111 45.4 38.2 57.4

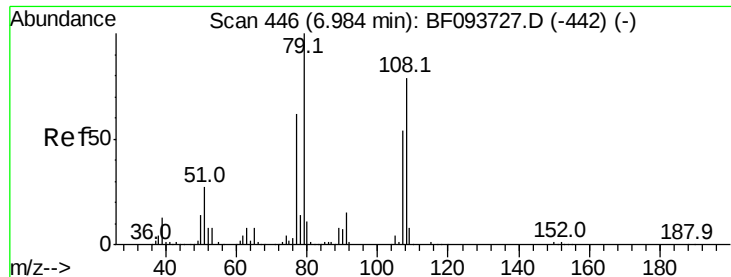


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.83 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

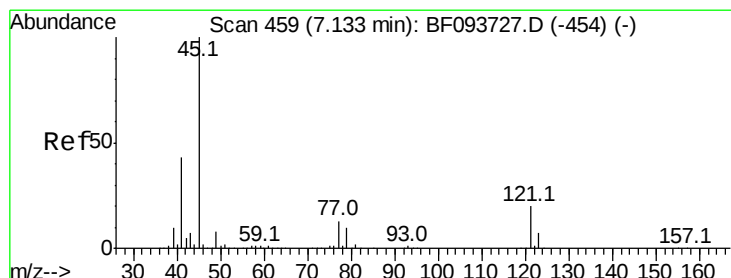
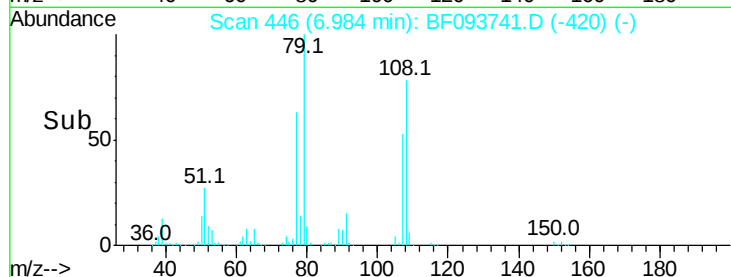
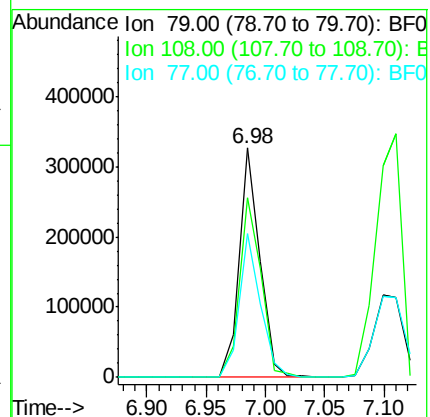
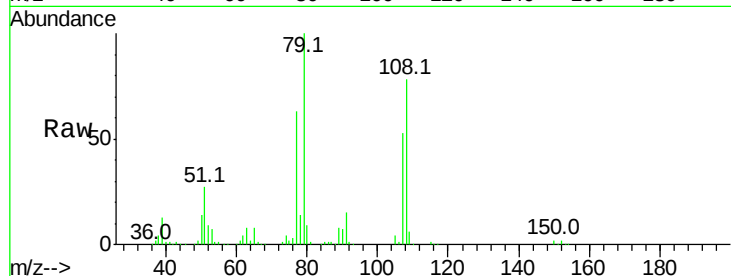
Tot Ion: 79 Resp: 396303

Ion Ratio Lower Upper

79 100

108 78.3 63.4 95.0

77 62.6 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.56 ng

RT: 7.13 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

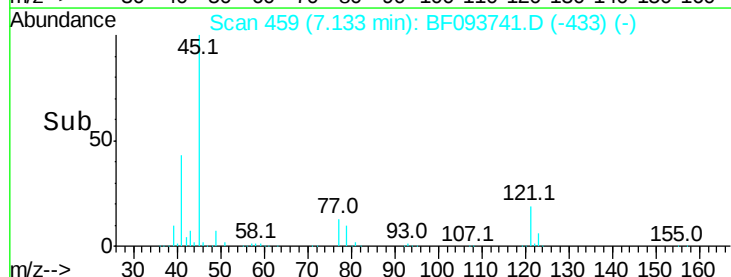
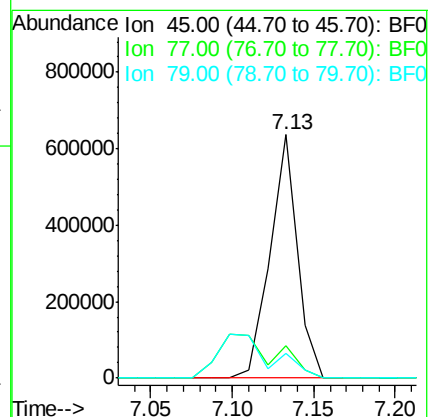
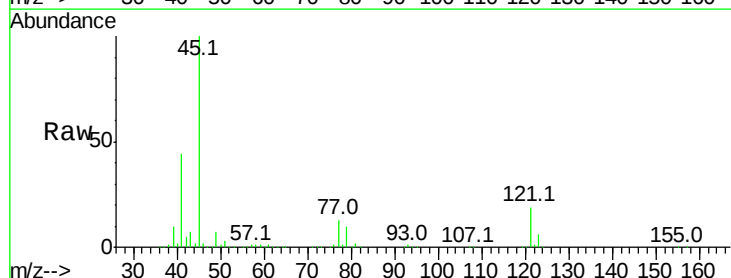
Tgt Ion: 45 Resp: 743244

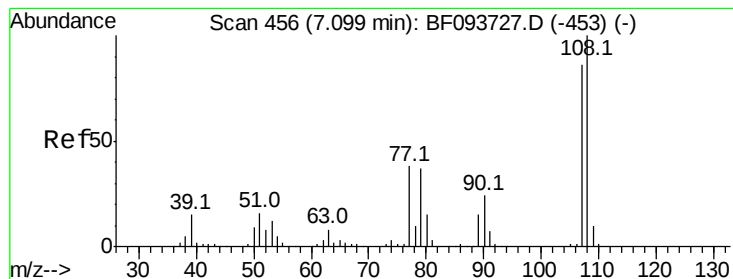
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.2

79 10.4 0.0 30.0

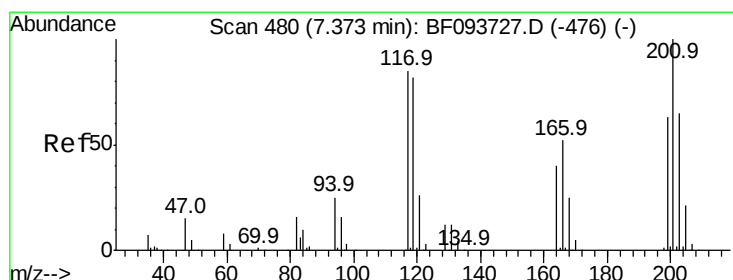
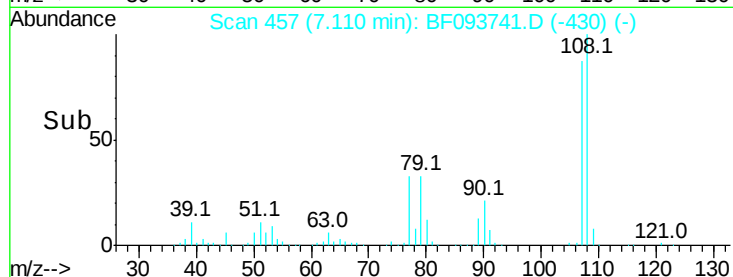
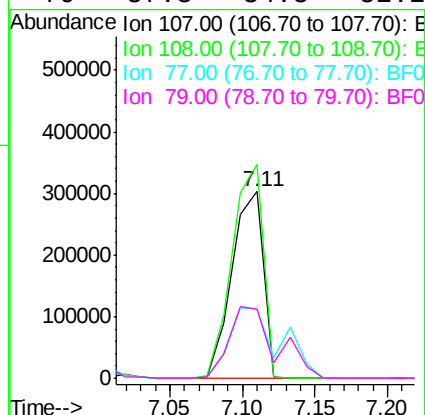
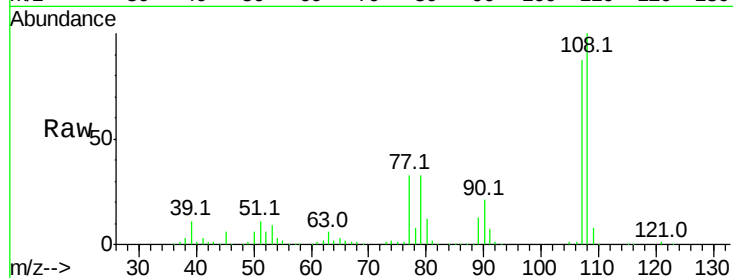




#17
 2-Methylphenol
 Concen: 42.00 ng
 RT: 7.11 min Scan# 457
 Delta R.T. 0.01 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

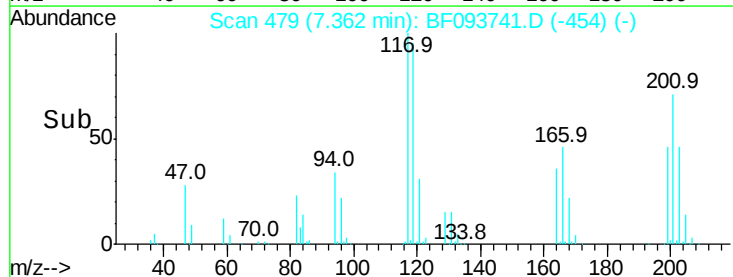
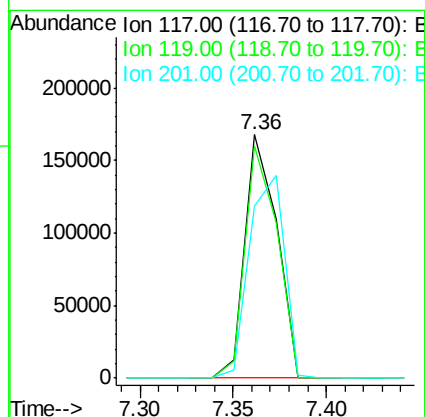
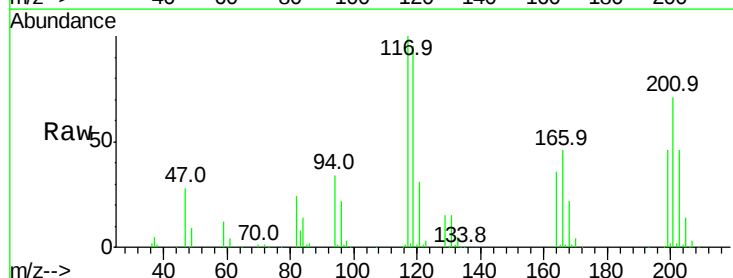
Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

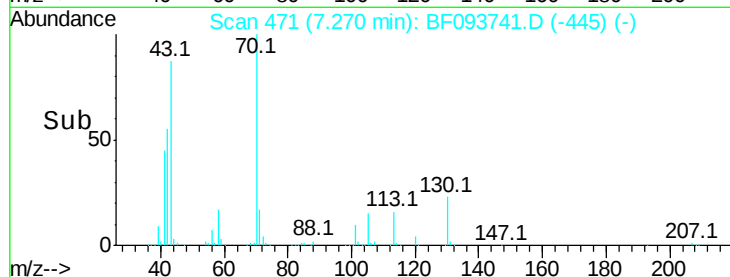
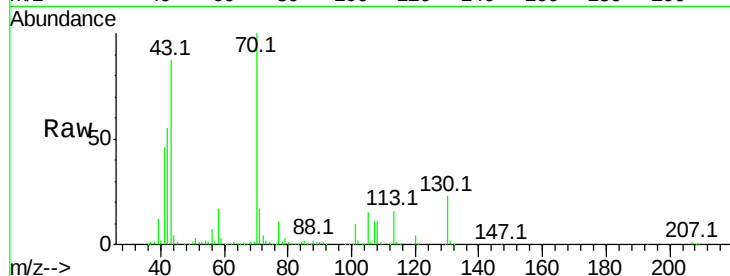
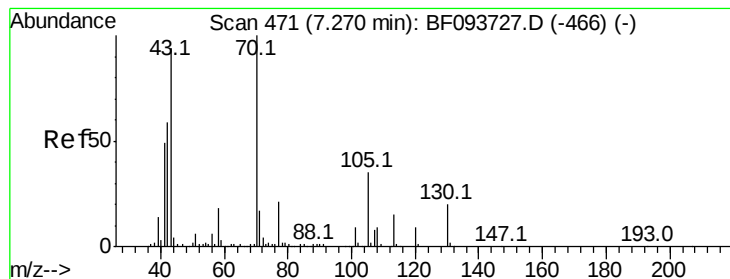
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.4	140.0
77	37.3	35.8	53.6
79	37.3	34.8	52.2



#18
 Hexachloroethane
 Concen: 39.43 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
201	70.7	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 41.07 ng

RT: 7.27 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

Tot Ion: 70 Resp: 381645

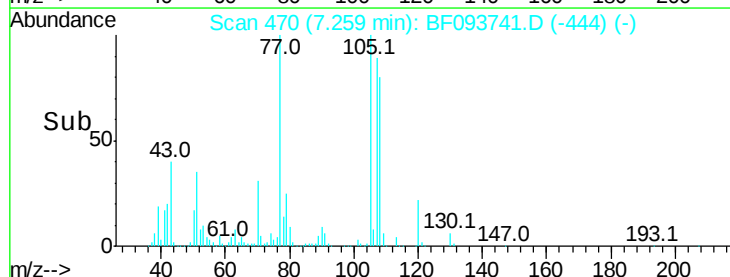
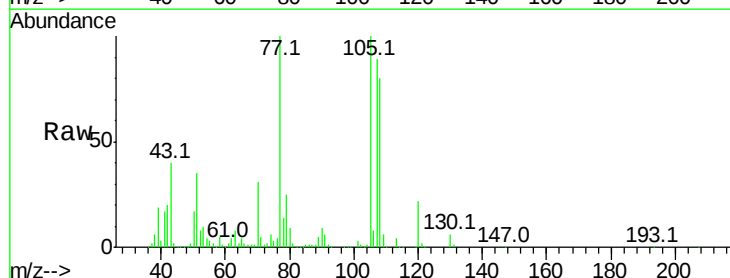
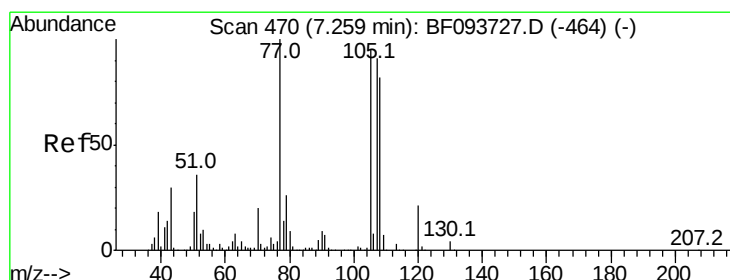
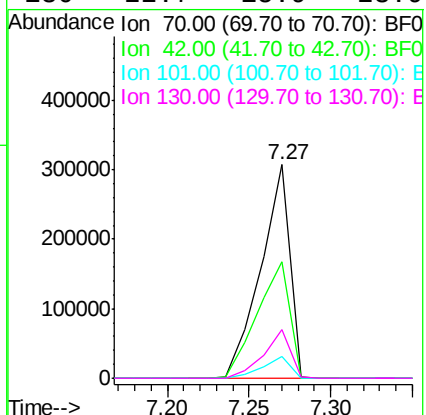
Ion Ratio Lower Upper

70 100

42 54.8 47.2 70.8

101 9.9 7.2 10.8

130 22.7 15.9 23.9



#20

3+4-Methylphenols

Concen: 39.80 ng

RT: 7.26 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion: 107 Resp: 512730

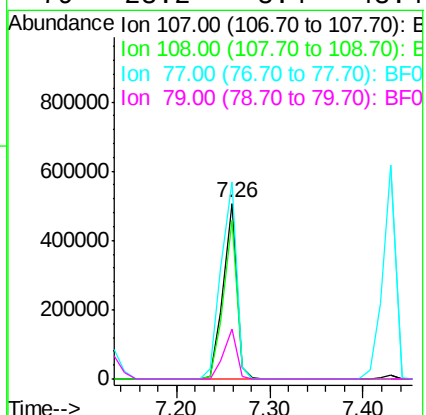
Ion Ratio Lower Upper

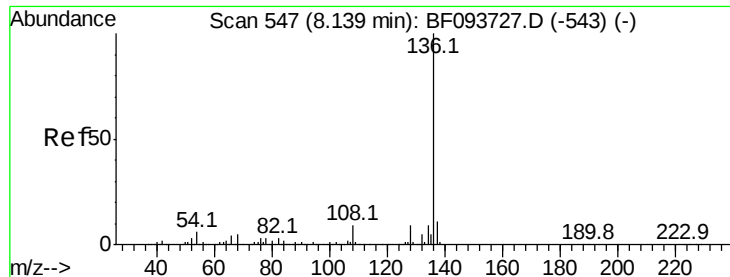
107 100

108 90.2 71.0 111.0

77 112.4 90.5 130.5

79 28.2 8.4 48.4

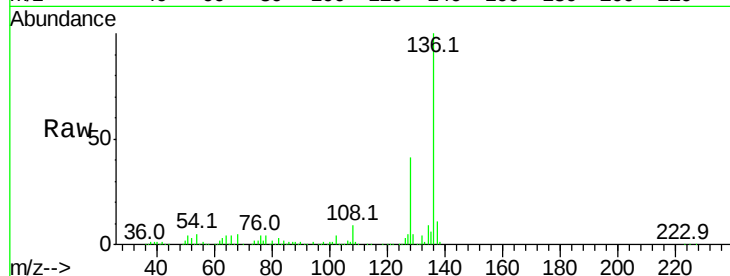




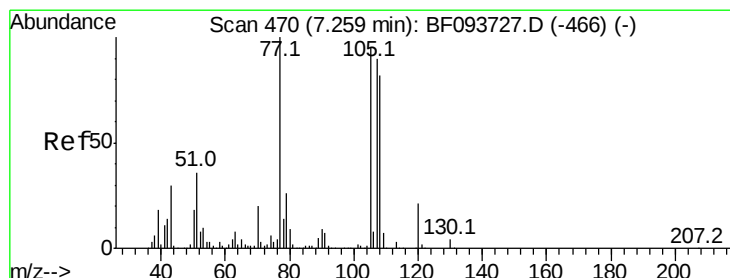
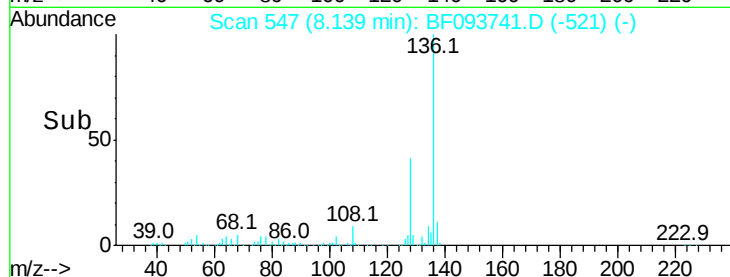
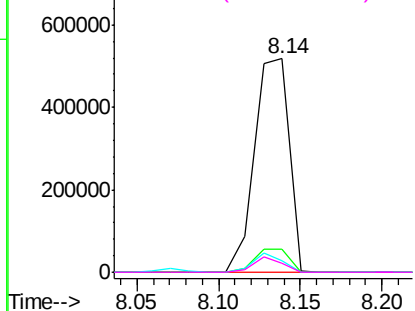
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tot Ion:136	Resp:	764660
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	5.3	4.9 7.3
68	4.5	4.1 6.1

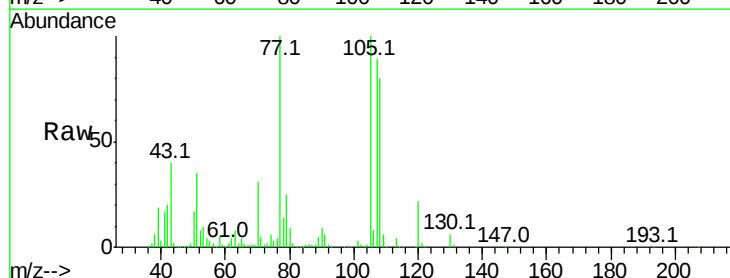


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

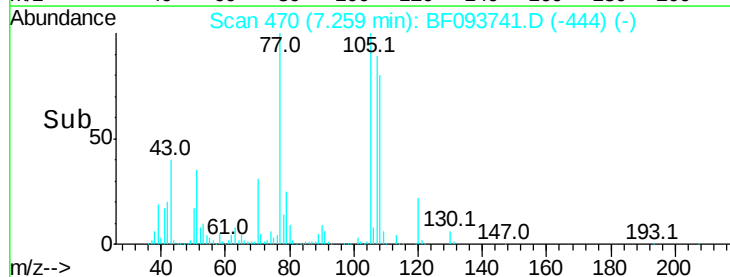
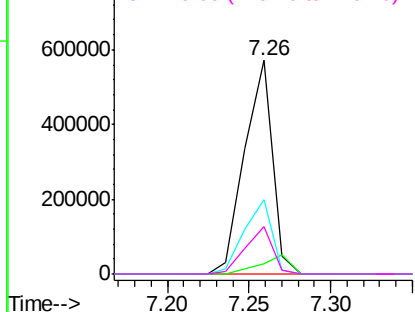


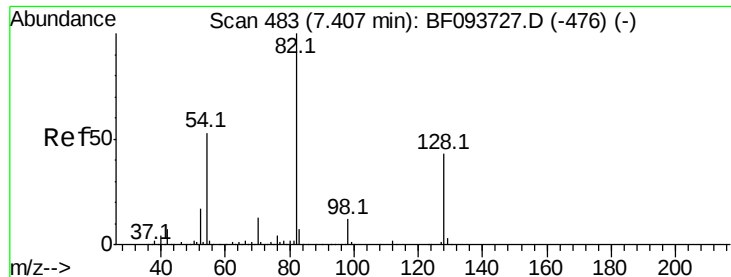
#22
Acetophenone
Concen: 39.67 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:105	Resp:	675833
Ion Ratio	Lower	Upper
105	100	
71	5.0	2.8 4.2#
51	34.8	30.7 46.1
120	22.1	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

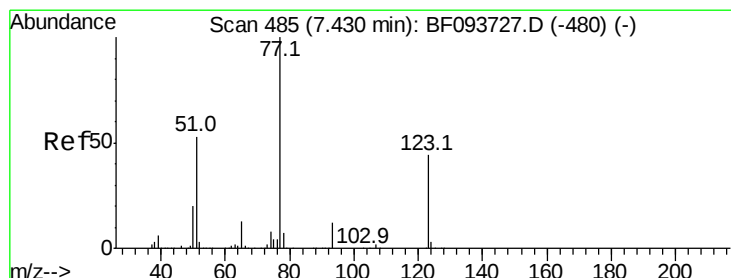
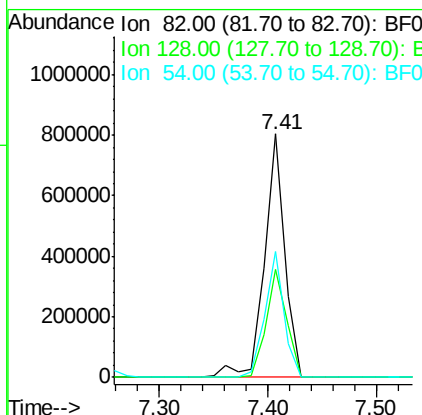
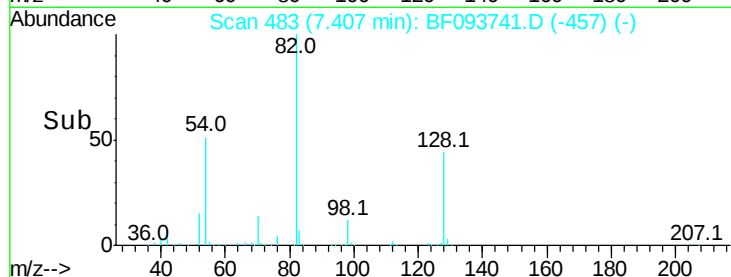
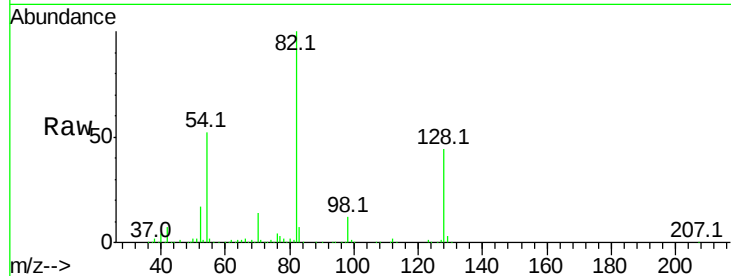




#23
Nitrobenzene-d5
Concen: 81.96 ng
RT: 7.41 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

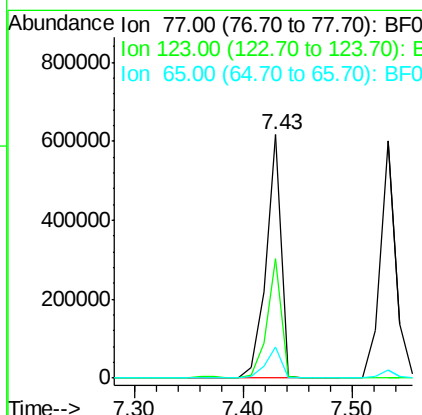
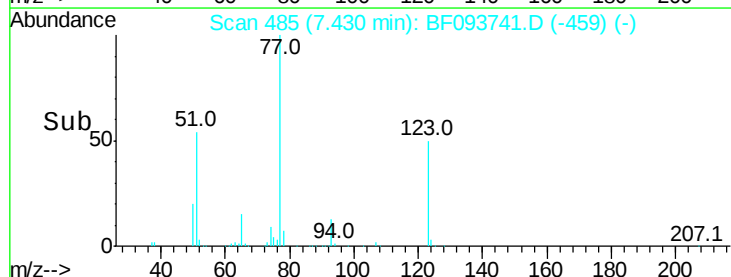
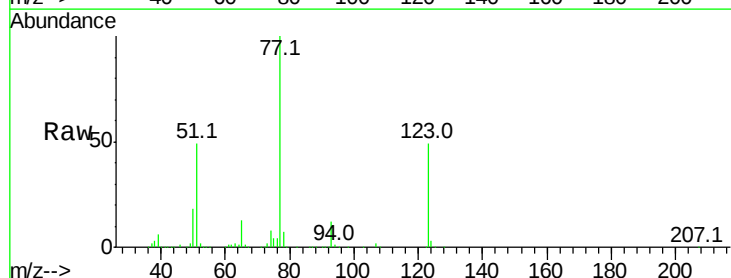
Instrument :
BNA_F
ClientSampleId :
PB97670BS

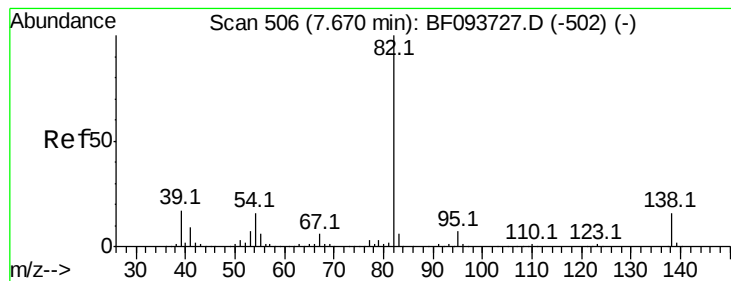
Tot Ion: 82 Resp: 1044181
Ion Ratio Lower Upper
82 100
128 44.3 34.0 51.0
54 51.9 42.2 63.2



#24
Nitrobenzene
Concen: 43.34 ng
RT: 7.43 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion: 77 Resp: 596912
Ion Ratio Lower Upper
77 100
123 49.1 35.8 53.8
65 12.7 10.6 15.8





#25

Isophorone

Concen: 39.92 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

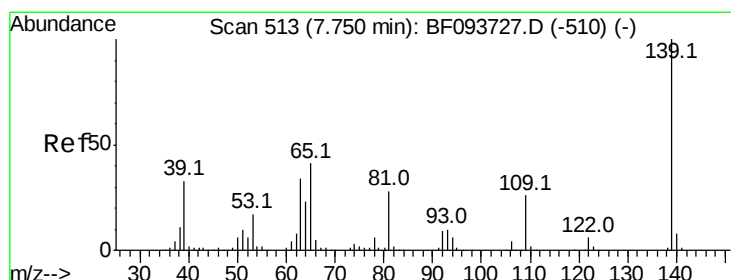
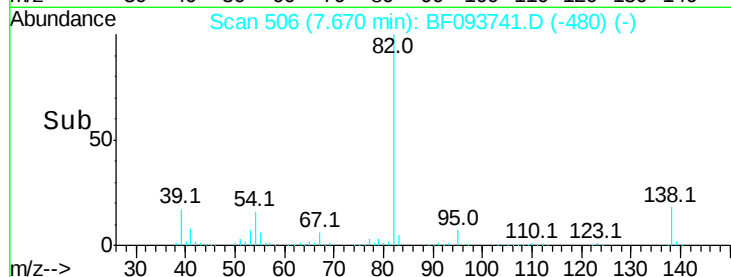
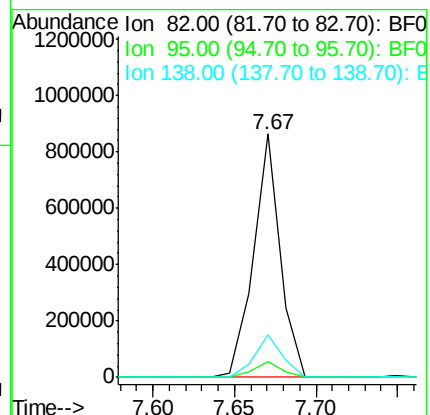
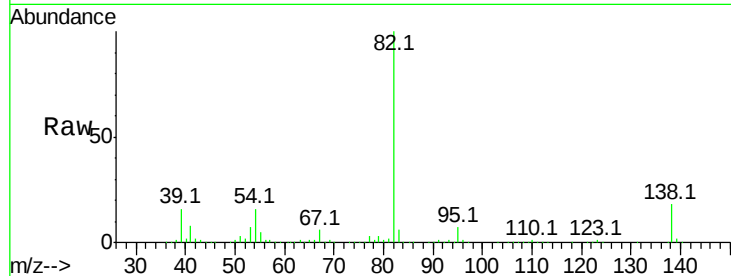
Tot Ion: 82 Resp: 979050

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 17.6 13.1 19.7



#26

2-Nitrophenol

Concen: 53.28 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

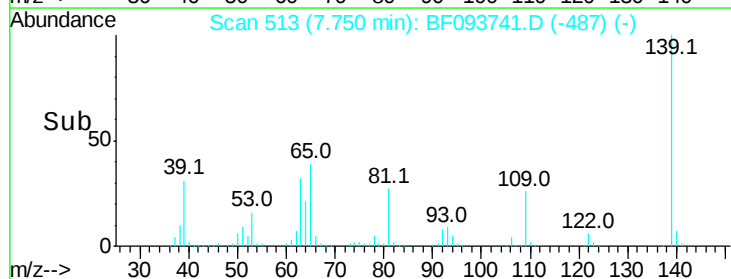
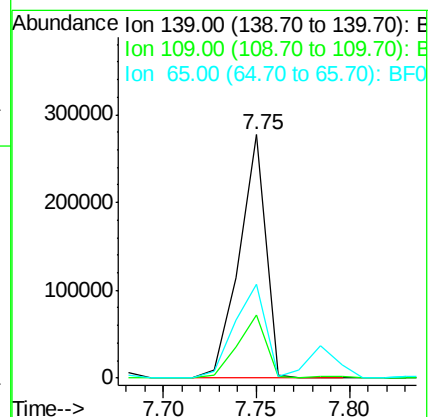
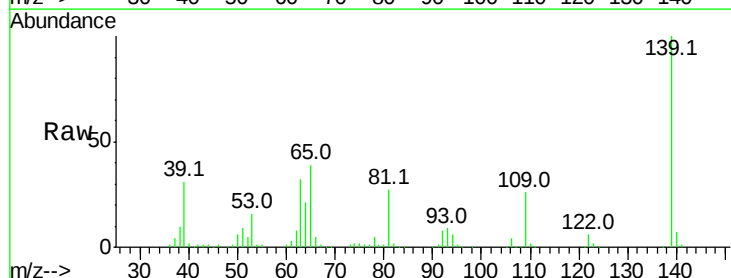
Tgt Ion: 139 Resp: 277816

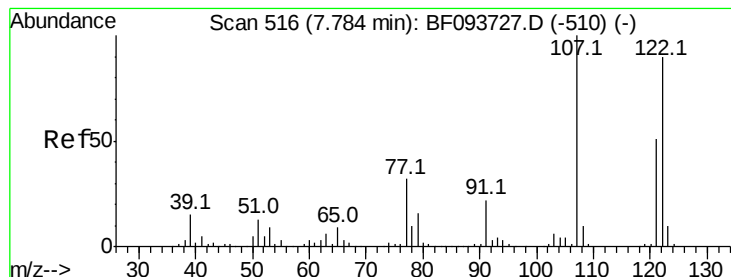
Ion Ratio Lower Upper

139 100

109 26.0 21.0 31.6

65 38.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 41.47 ng

RT: 7.78 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

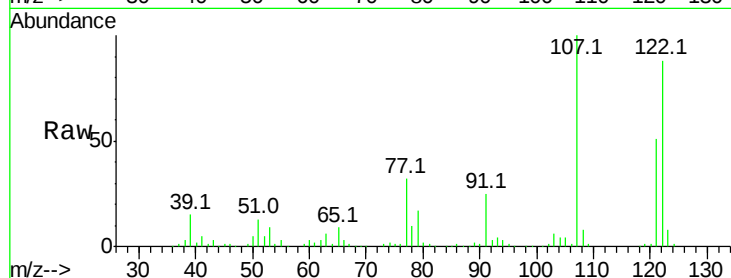
Tot Ion:122 Resp: 494884

Ion Ratio Lower Upper

122 100

107 113.5 89.2 133.8

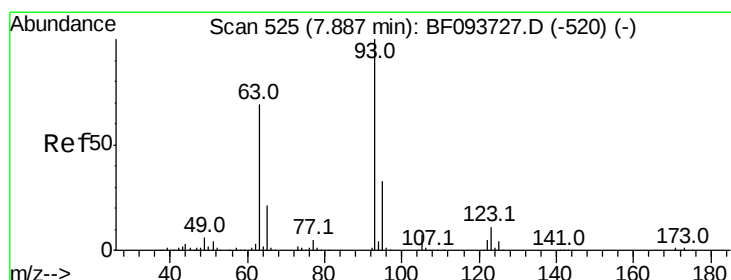
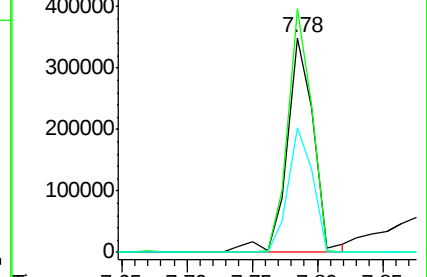
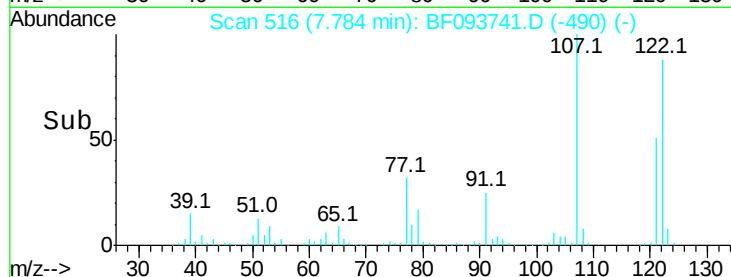
121 57.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.93 ng

RT: 7.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

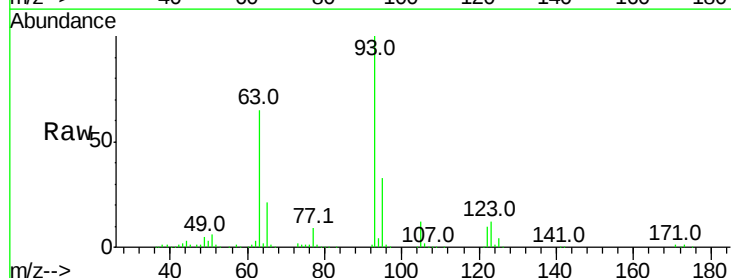
Tgt Ion: 93 Resp: 664537

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

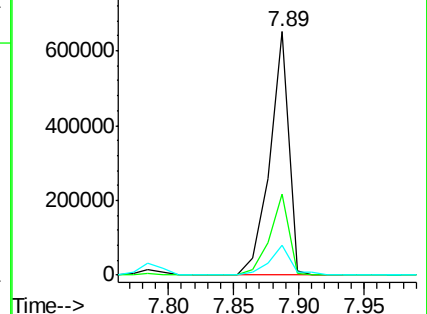
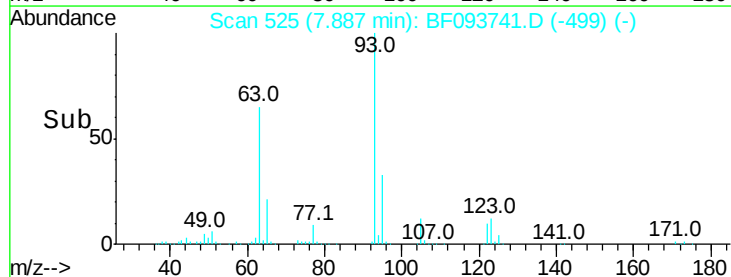
123 12.3 9.0 13.4

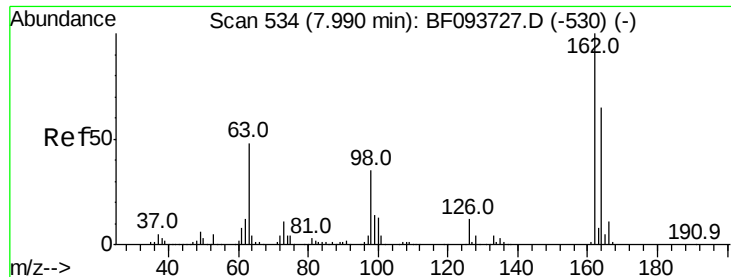


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

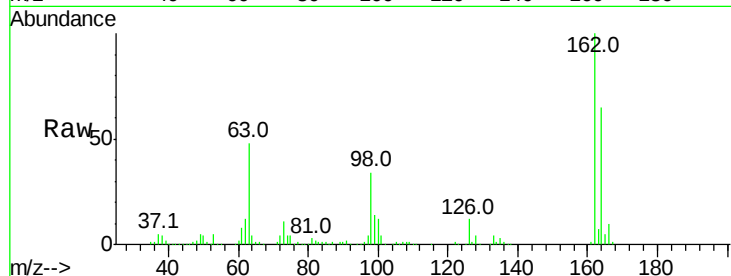




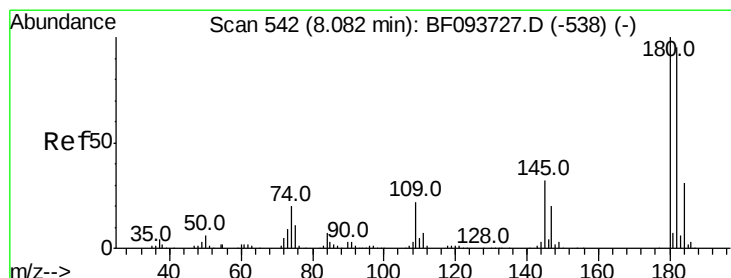
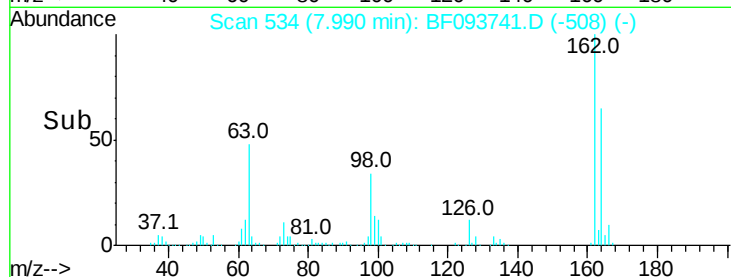
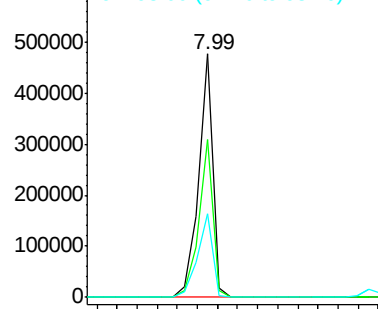
#29
 2,4-Dichlorophenol
 Concen: 45.23 ng
 RT: 7.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.6	84.6
98	34.3	14.8	54.8

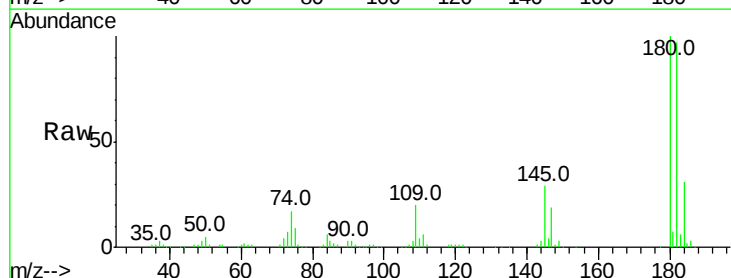


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

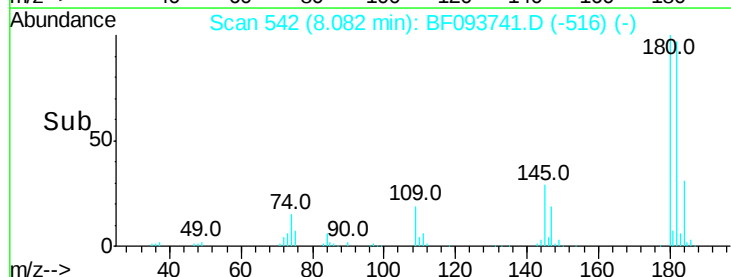
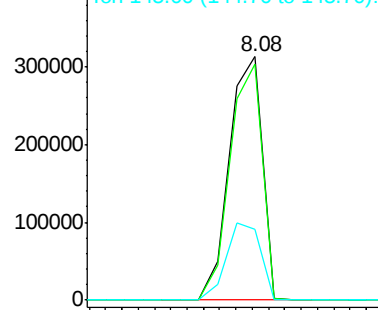


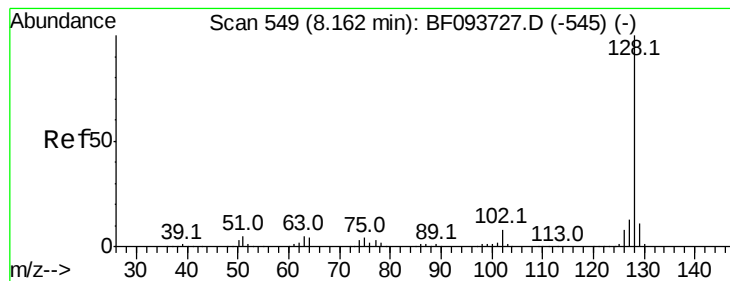
#30
 1,2,4-Trichlorobenzene
 Concen: 41.18 ng
 RT: 8.08 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.8	113.6
145	29.2	25.3	37.9



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





#31

Naphthalene

Concen: 39.42 ng

RT: 8.15 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

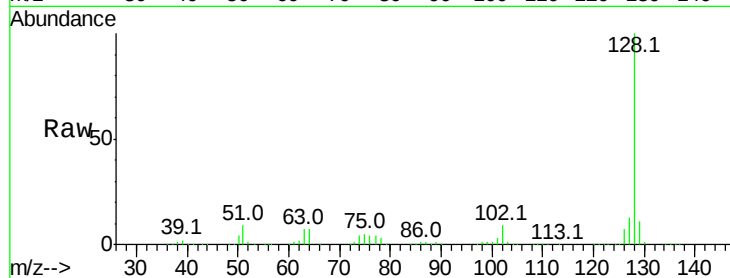
Tot Ion:128 Resp: 1469693

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

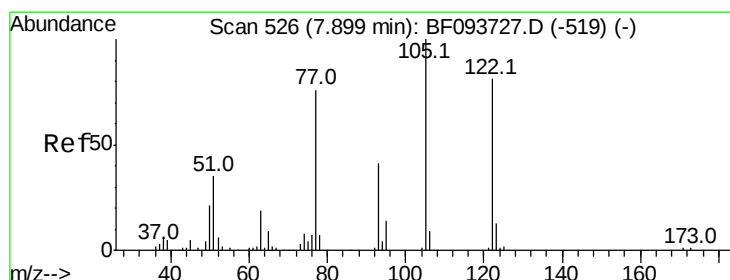
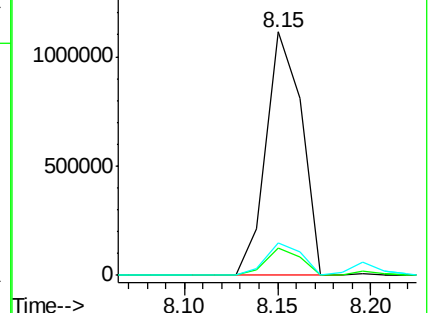
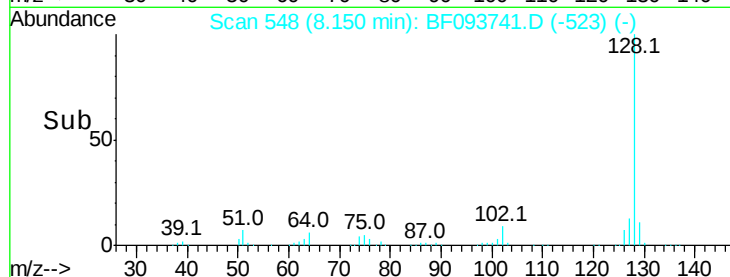
127 13.4 10.8 16.2



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: 43.35 ng

RT: 7.91 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

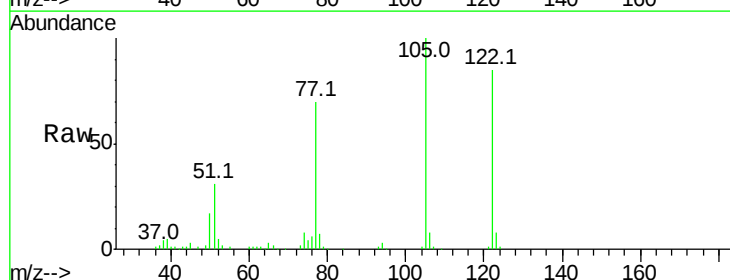
Tgt Ion:122 Resp: 316919

Ion Ratio Lower Upper

122 100

105 118.3 103.3 143.3

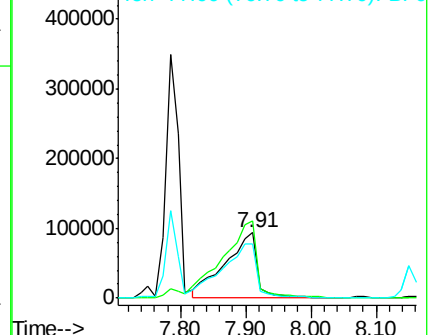
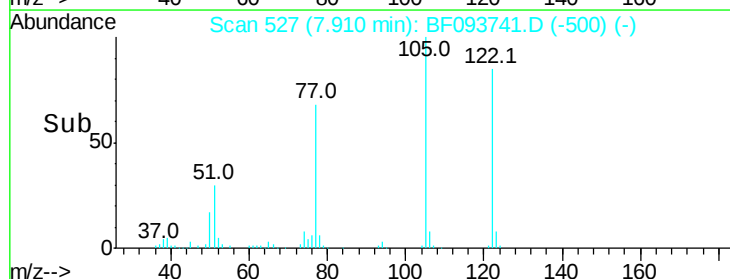
77 83.4 73.7 113.7

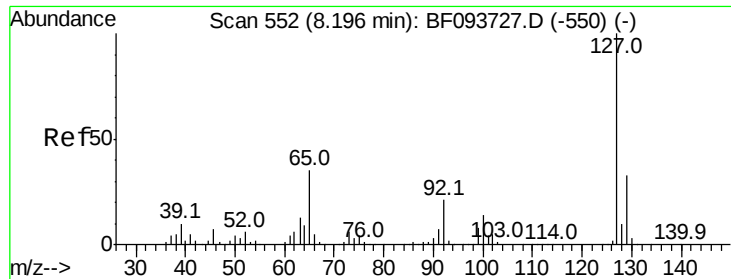


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

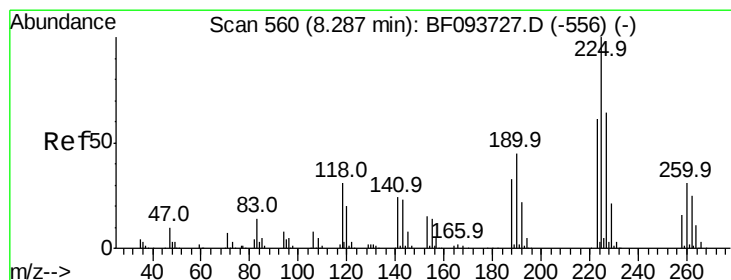
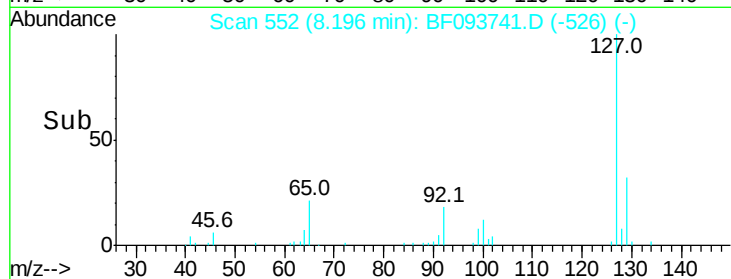
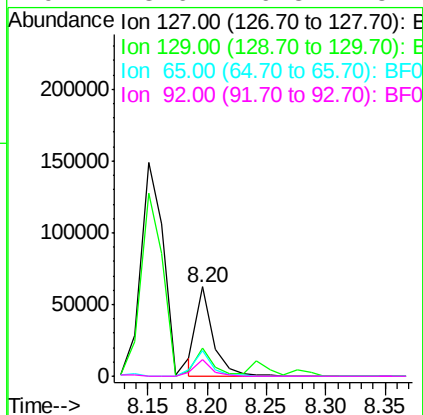
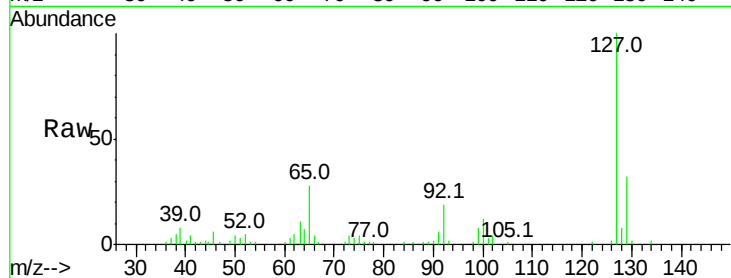




#33
4-Chloroaniline
Concen: 3.98 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

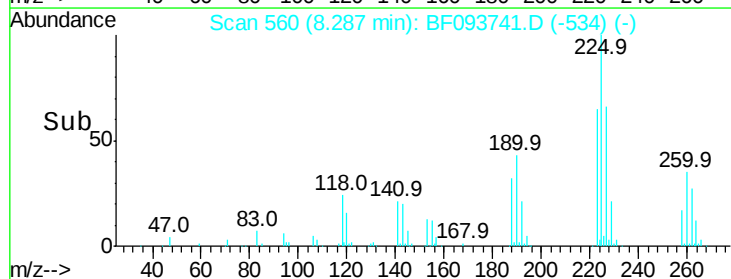
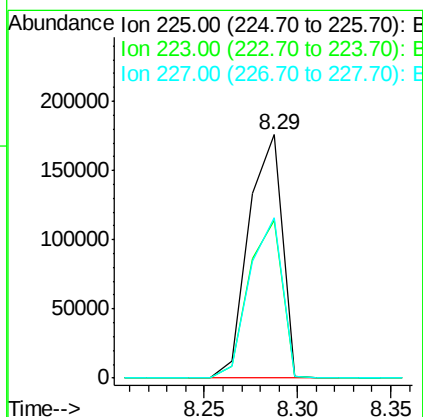
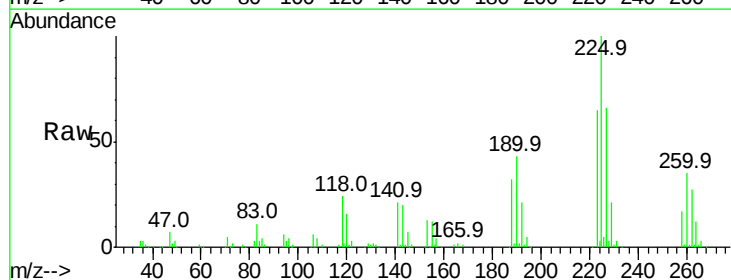
Instrument :
BNA_F
ClientSampleId :
PB97670BS

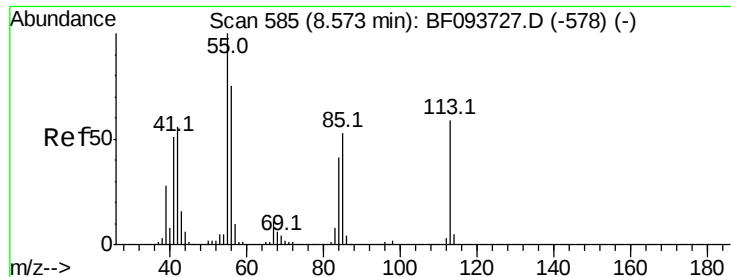
Tot Ion:	127	Resp:	62073
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	28.3	27.8	41.8
92	18.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.65 ng
RT: 8.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:	225	Resp:	221893
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	66.1	51.1	76.7

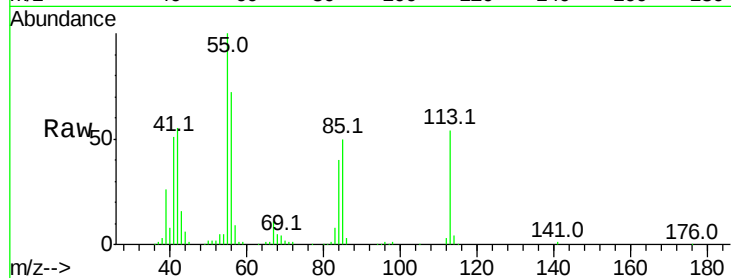




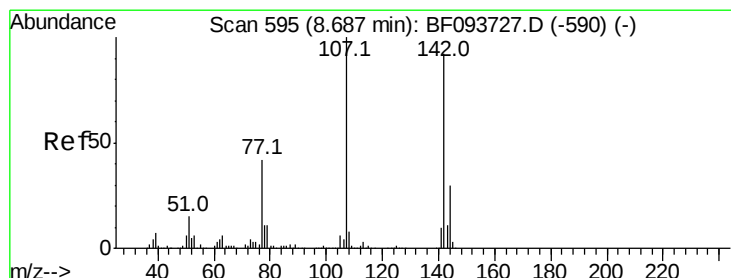
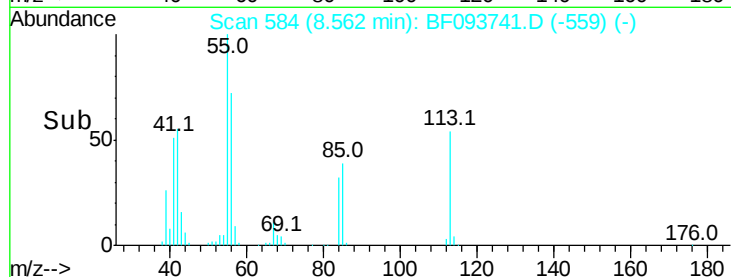
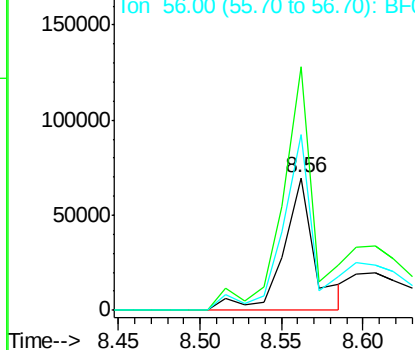
#35
Caprolactam
Concen: 27.19 ng
RT: 8.56 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tot Ion:113 Resp: 93552
Ion Ratio Lower Upper
113 100
55 183.6 150.2 190.2
56 132.4 107.8 147.8

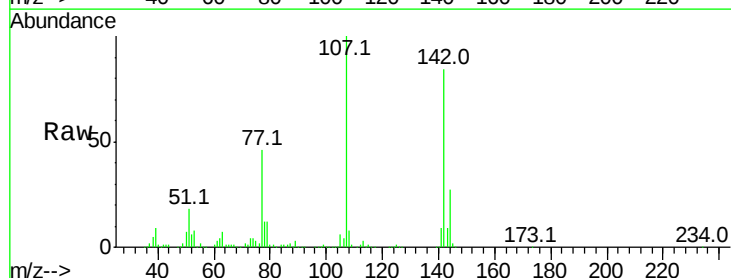


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

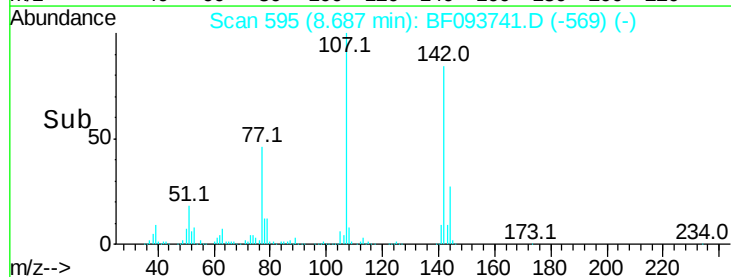
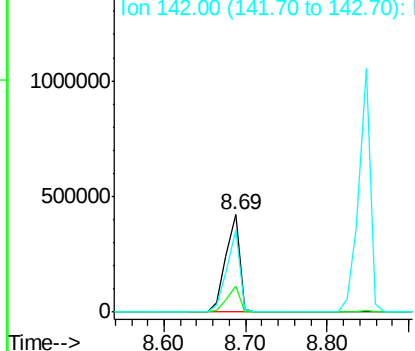


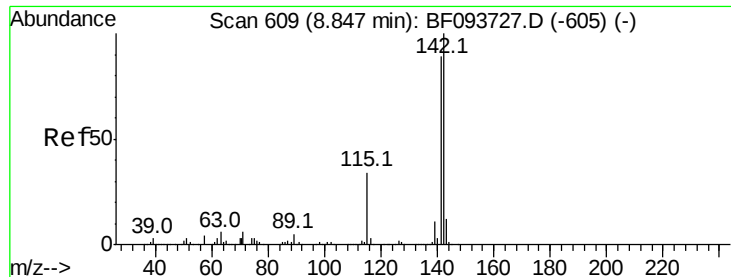
#36
4-Chloro-3-methylphenol
Concen: 45.68 ng
RT: 8.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:107 Resp: 493049
Ion Ratio Lower Upper
107 100
144 27.2 24.2 36.4
142 84.0 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: 42.98 ng

RT: 8.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampled :

PB97670BS

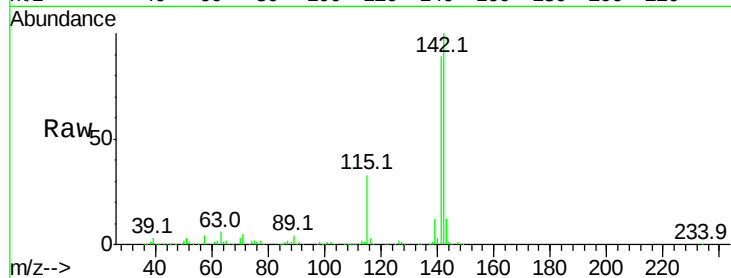
Tot Ion:142 Resp: 1037918

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9

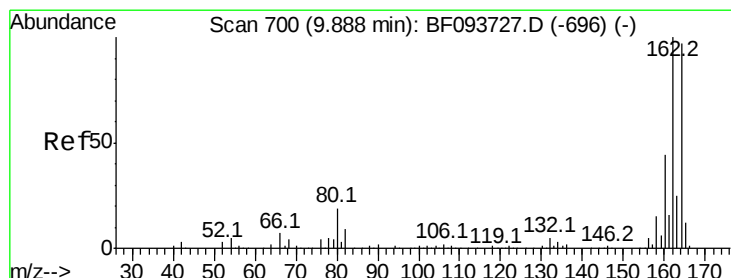
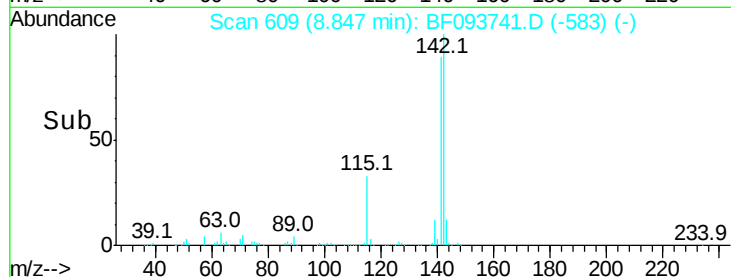
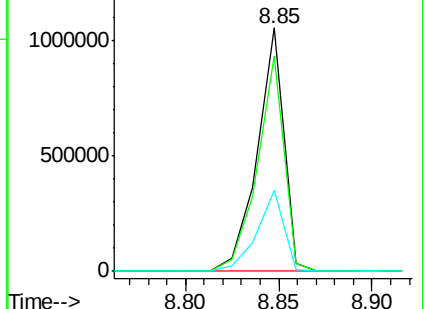
115 33.2 27.1 40.7



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: BF093741.D

Acq: 18 Mar 2017 9:27

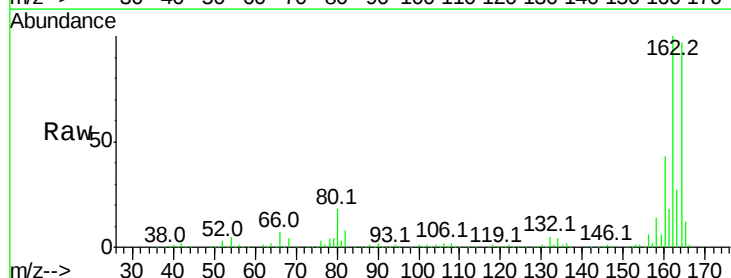
Tgt Ion:164 Resp: 371292

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

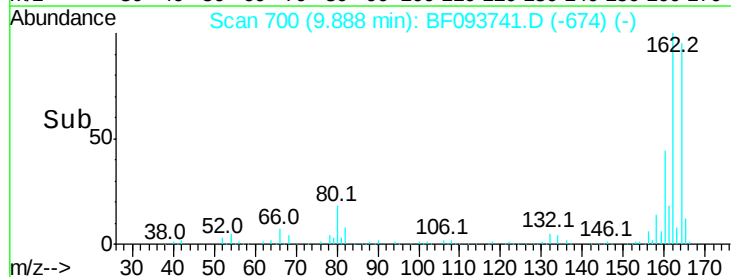
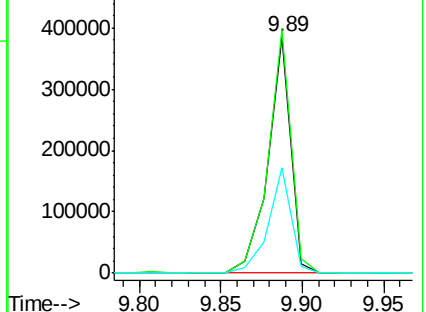
160 44.8 36.2 54.2

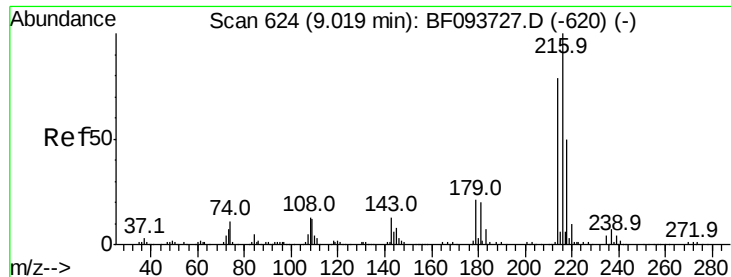


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

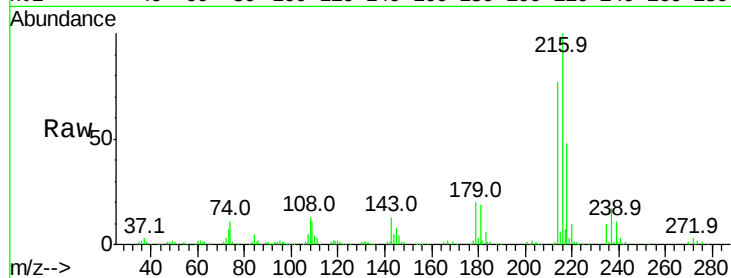




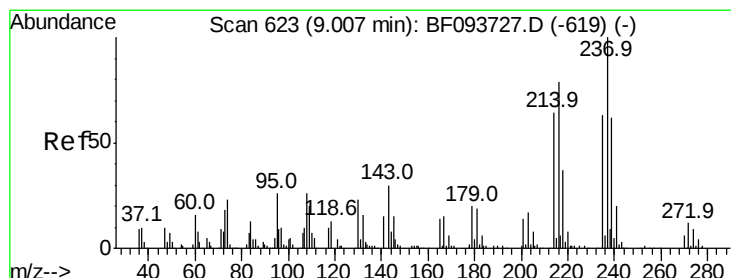
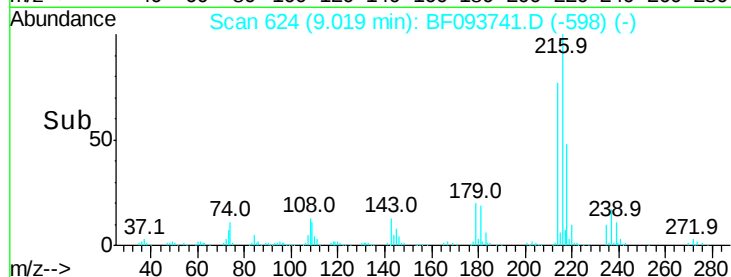
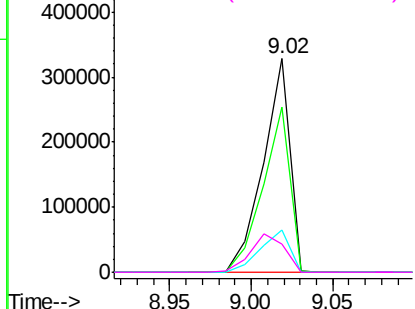
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.24 ng
 RT: 9.02 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tot Ion:	216	Resp:	375945
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	21.8	17.9	26.9
108	22.5	16.5	24.7

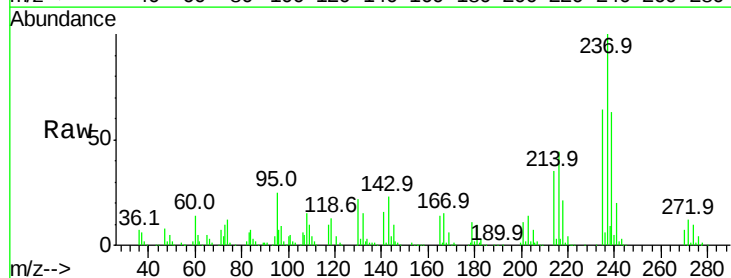


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

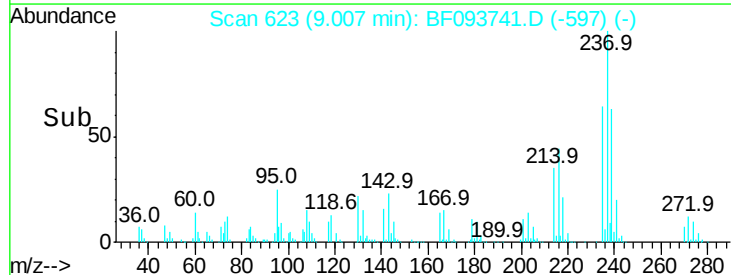
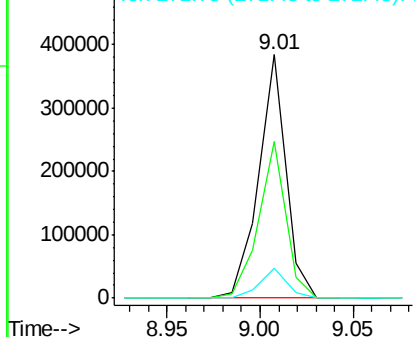


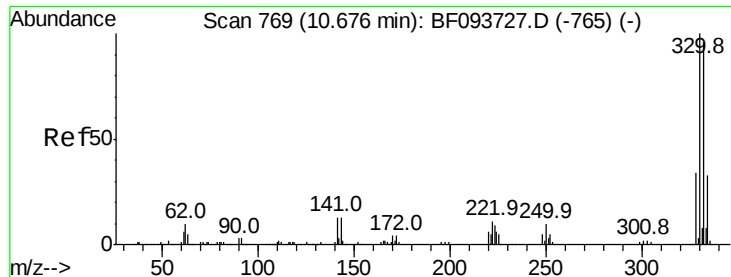
#40
 Hexachlorocyclopentadiene
 Concen: 89.38 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion:	237	Resp:	388233
Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.6	82.6
272	12.3	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

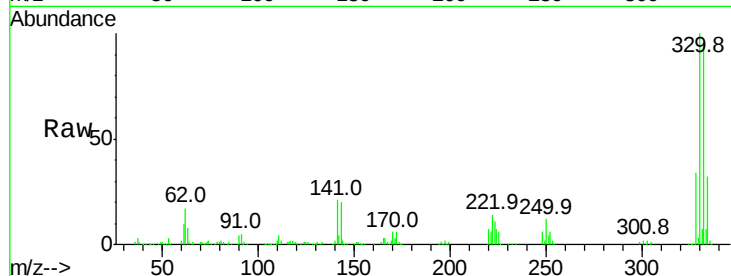




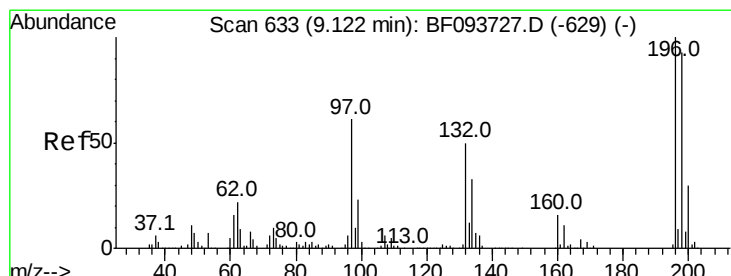
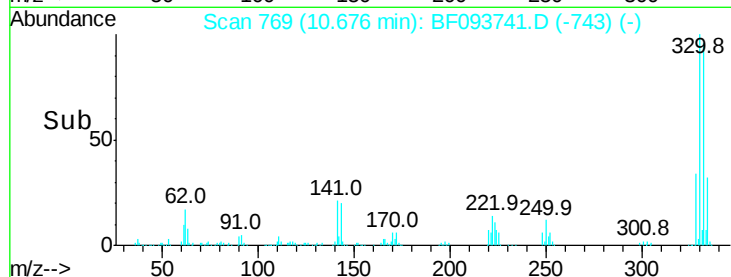
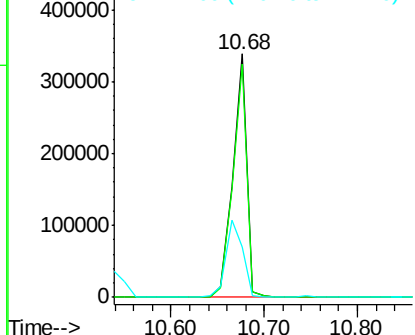
#41
 2,4,6-Tribromophenol
 Concen: 147.18 ng
 RT: 10.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tot Ion:330 Resp: 357658
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 37.9 31.4 47.2

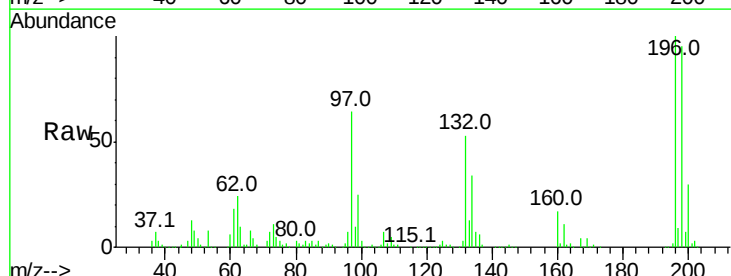


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

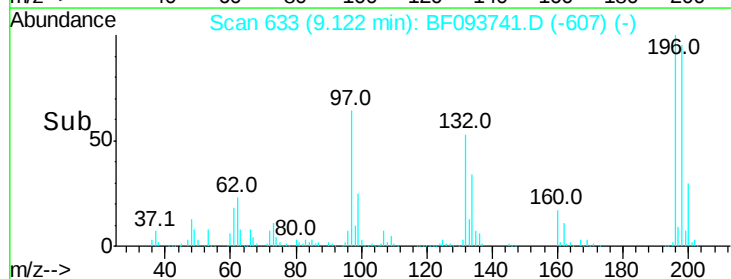
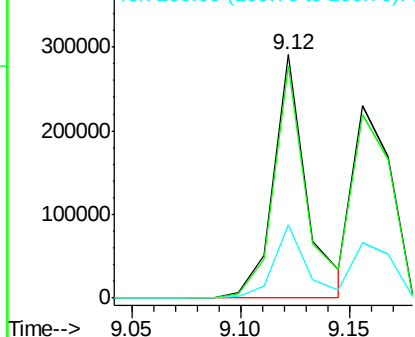


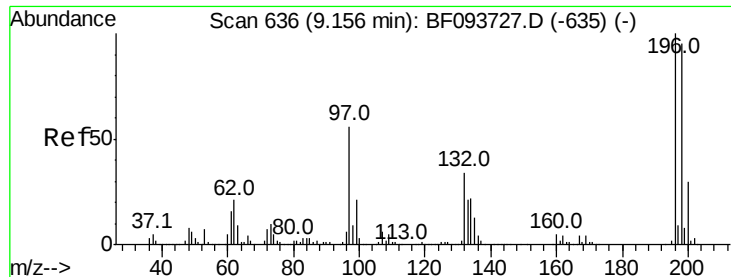
#42
 2,4,6-Trichlorophenol
 Concen: 48.10 ng
 RT: 9.12 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion:196 Resp: 308331
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.2 111.4
 200 30.0 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

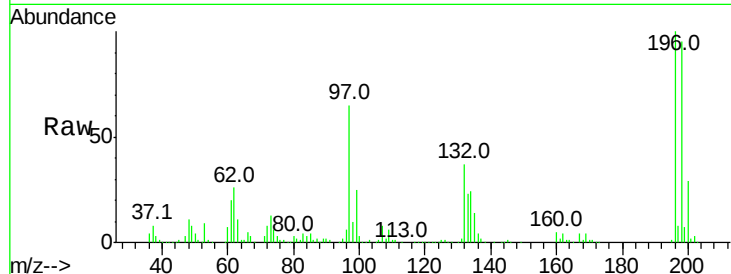




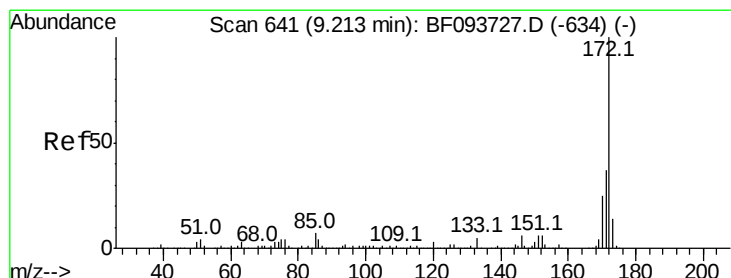
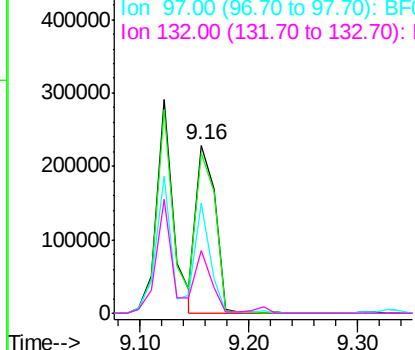
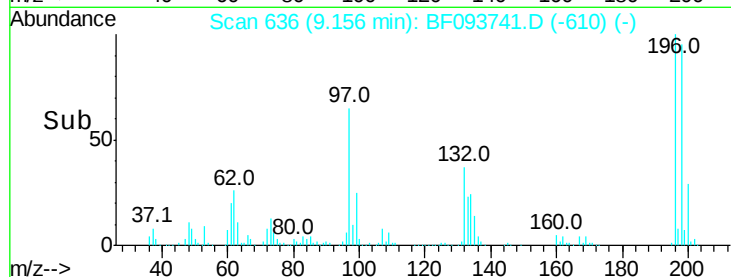
#43
 2,4,5-Trichlorophenol
 Concen: 42.31 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tot Ion:196 Resp: 279621
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 97 65.5 47.7 71.5
 132 37.5 28.0 42.0

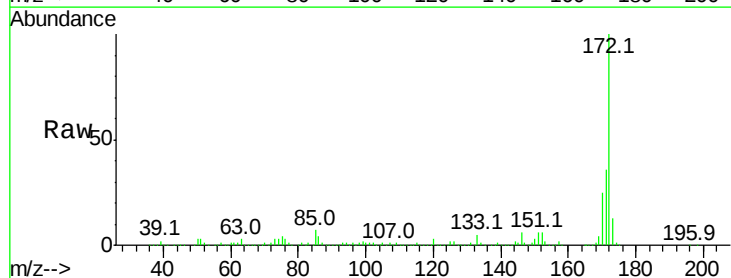


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

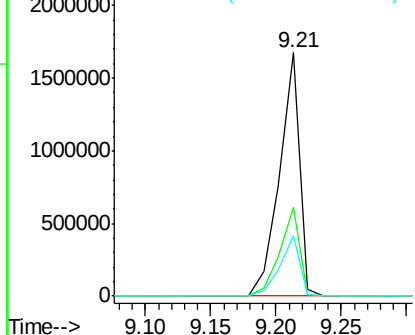
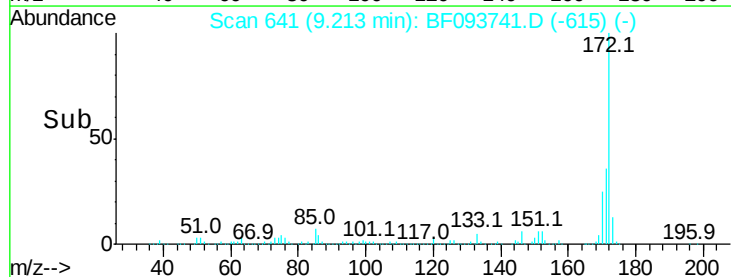


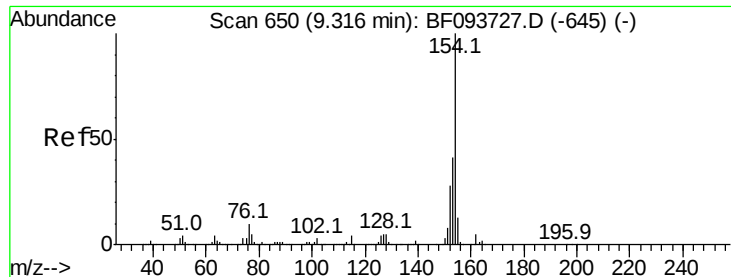
#44
 2-Fluorobiphenyl
 Concen: 92.17 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion:172 Resp: 1813585
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.8 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: 43.91 ng

RT: 9.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

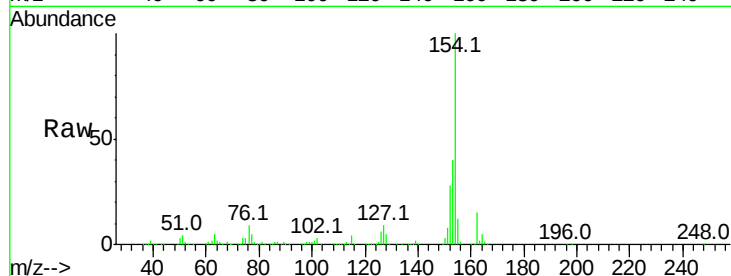
Tot Ion:154 Resp: 1143232

Ion Ratio Lower Upper

154 100

153 40.4 21.2 61.2

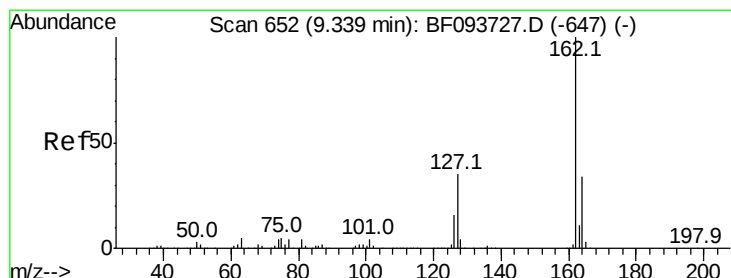
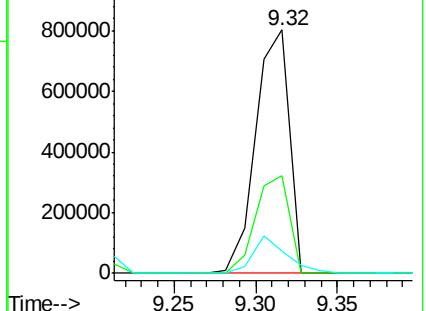
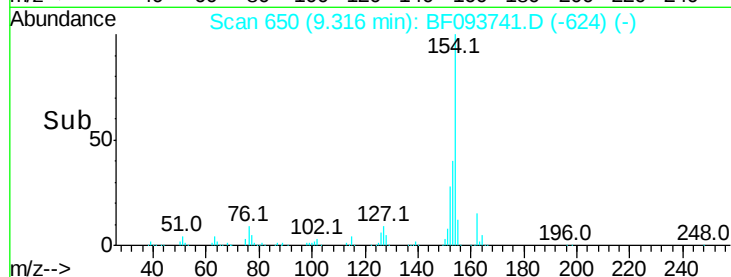
76 8.9 0.0 29.9



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: 43.45 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

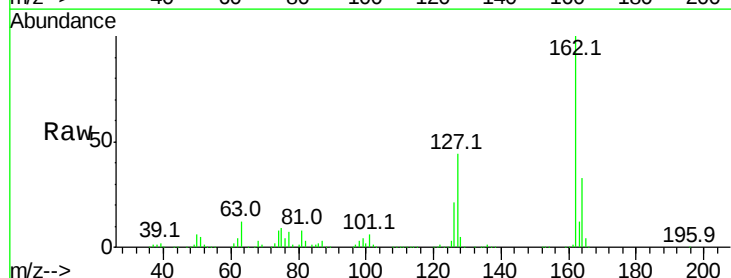
Tgt Ion:162 Resp: 907768

Ion Ratio Lower Upper

162 100

127 43.7 28.3 42.5#

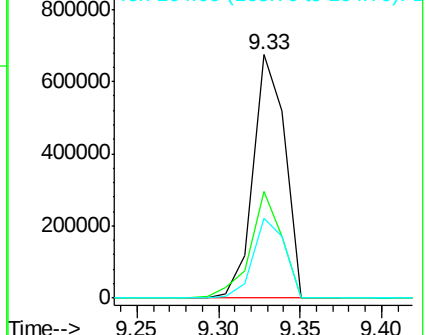
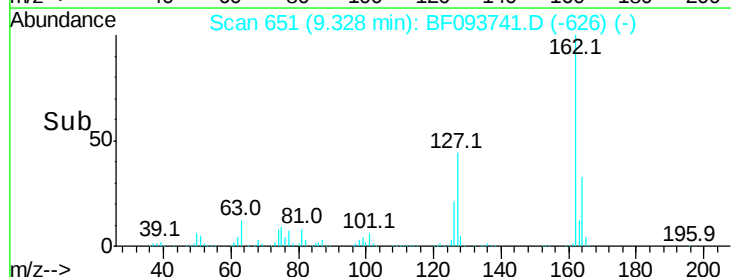
164 32.7 27.0 40.4

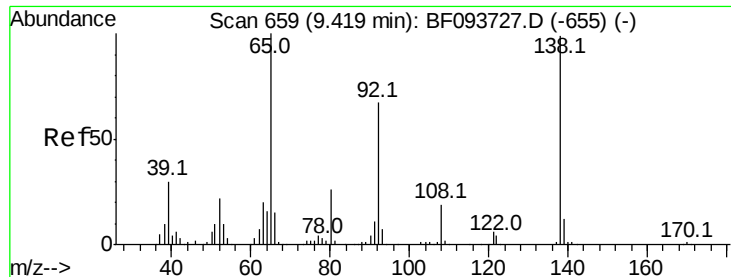


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

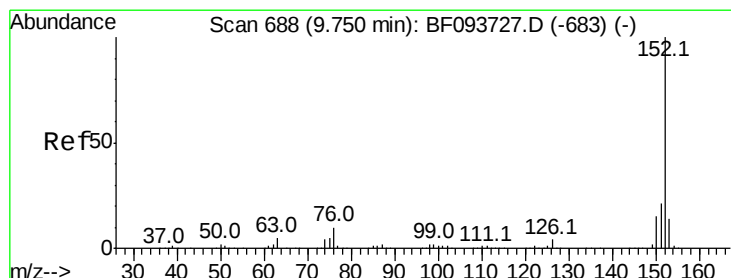
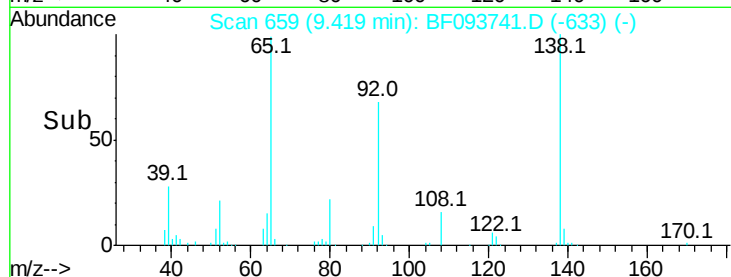
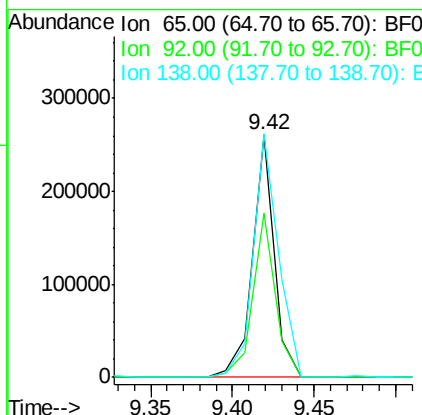
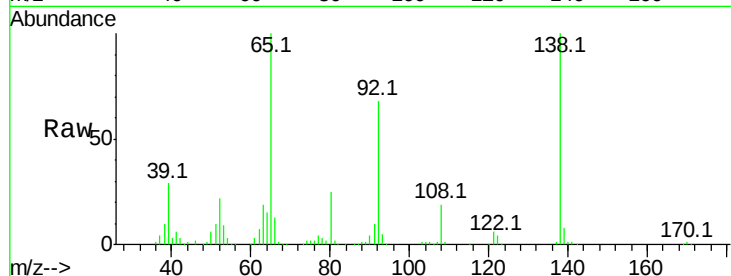




#47
2-Nitroaniline
Concen: 40.03 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

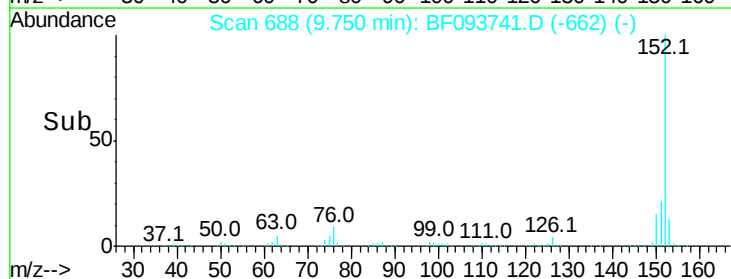
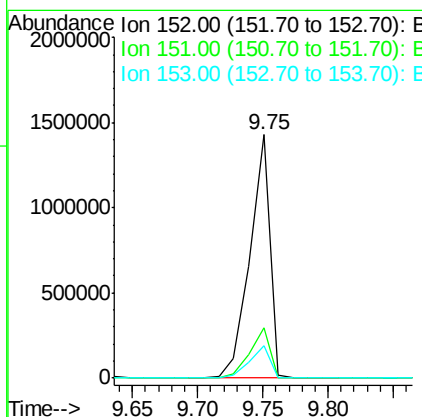
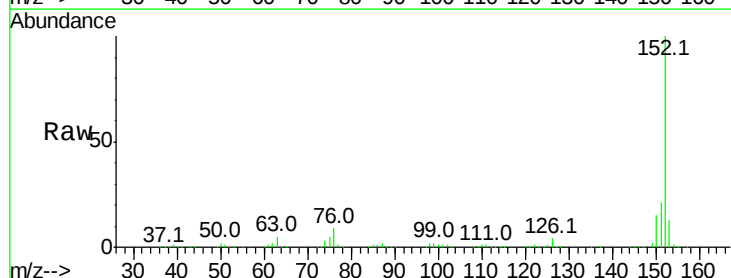
Instrument :
BNA_F
ClientSampleId :
PB97670BS

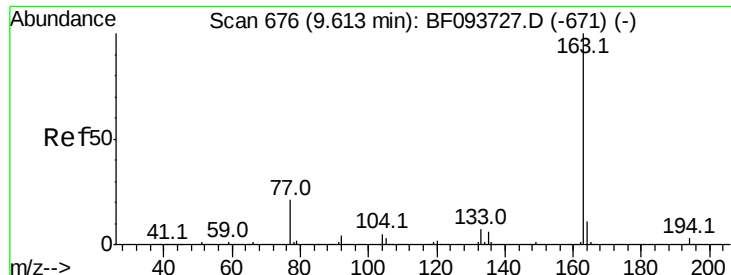
Tot Ion: 65 Resp: 241937
Ion Ratio Lower Upper
65 100
92 67.9 53.9 80.9
138 100.2 78.8 118.2



#48
Acenaphthylene
Concen: 44.85 ng
RT: 9.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion: 152 Resp: 1527983
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.4 10.8 16.2

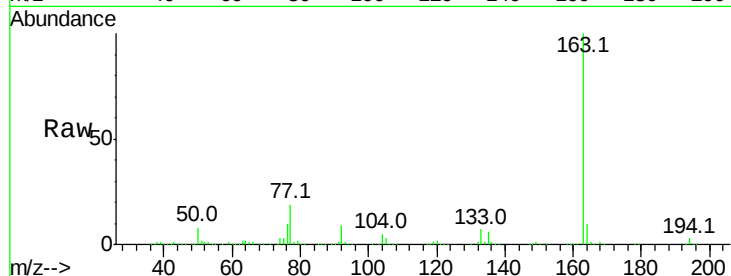




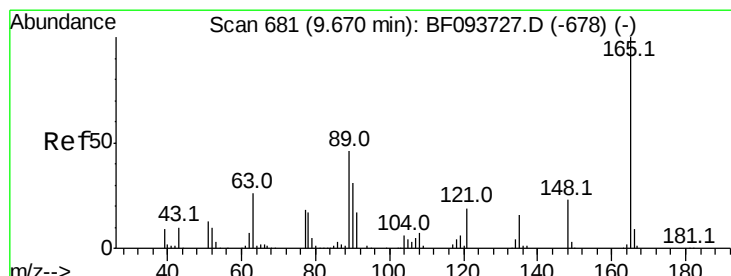
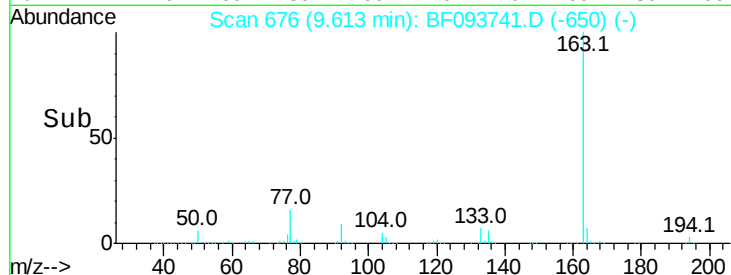
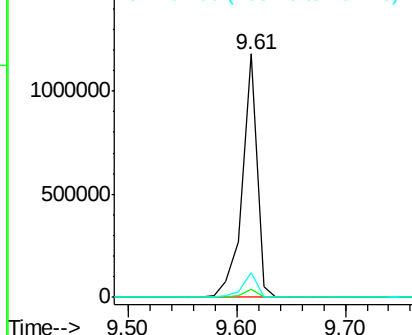
#49
Dimethylphthalate
Concen: 44.99 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tot Ion:163 Resp: 1091212
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

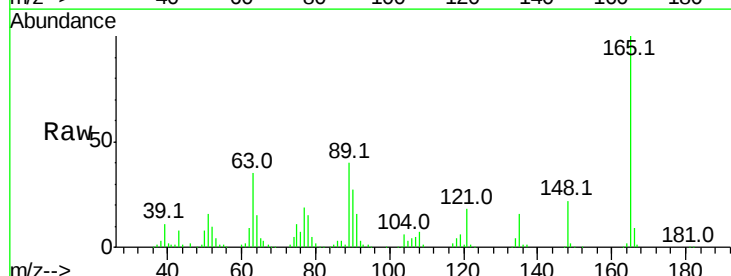


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

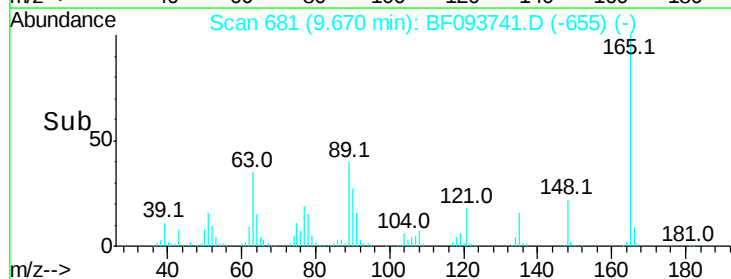
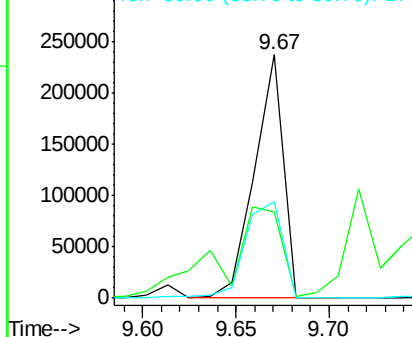


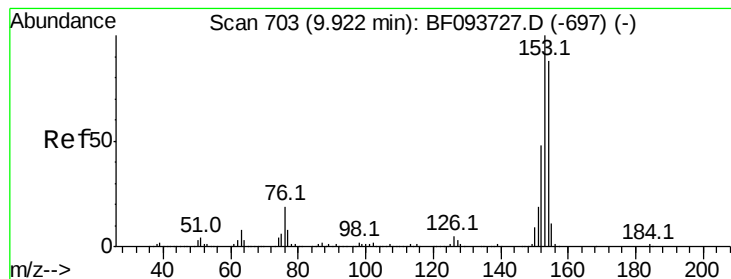
#50
2,6-Dinitrotoluene
Concen: 48.26 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:165 Resp: 252807
Ion Ratio Lower Upper
165 100
63 35.2 34.3 51.5
89 39.6 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: 48.87 ng

RT: 9.92 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

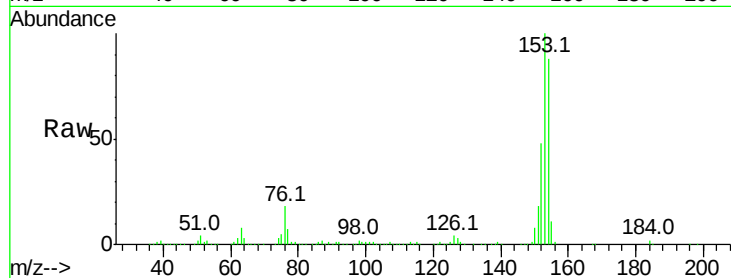
Tot Ion:154 Resp: 981239

Ion Ratio Lower Upper

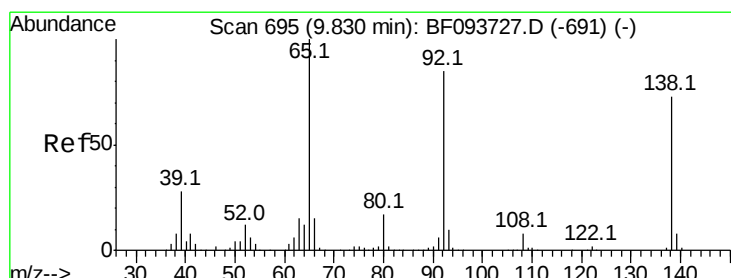
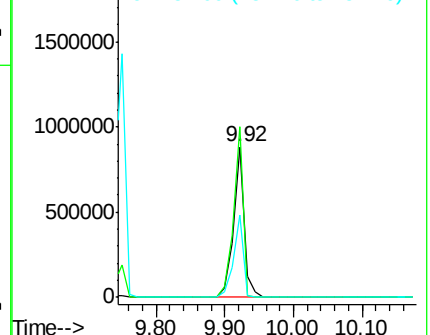
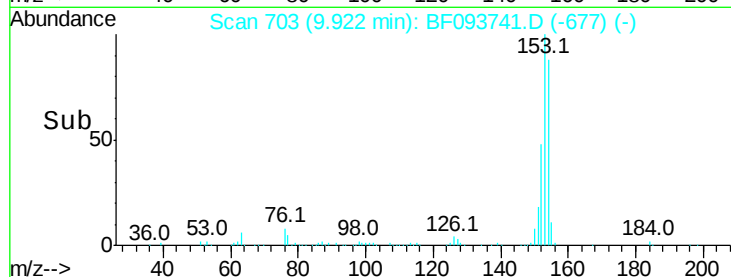
154 100

153 113.4 90.5 135.7

152 54.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 9.20 ng

RT: 9.83 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

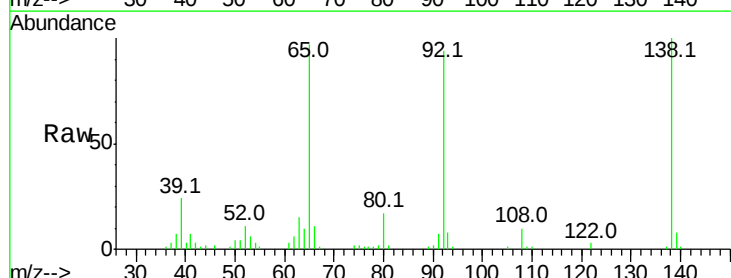
Tgt Ion:138 Resp: 57171

Ion Ratio Lower Upper

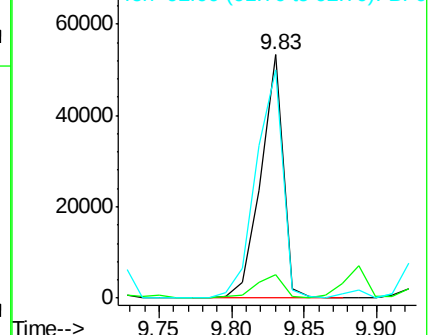
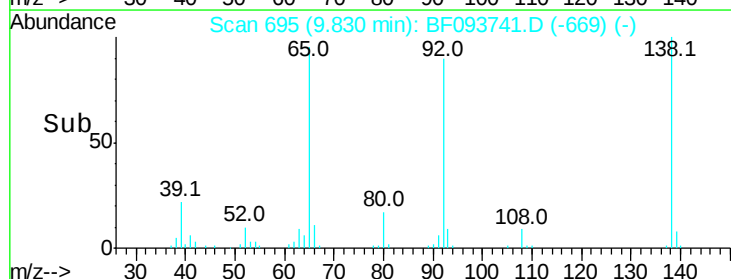
138 100

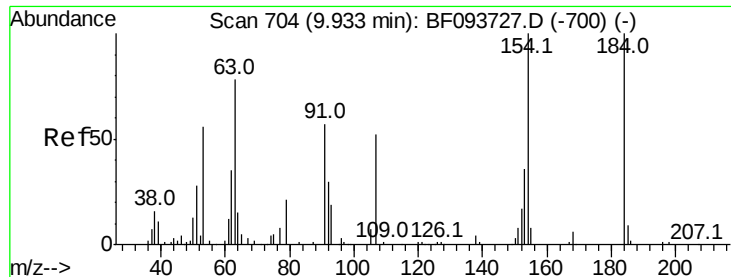
108 9.9 9.1 13.7

92 93.9 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

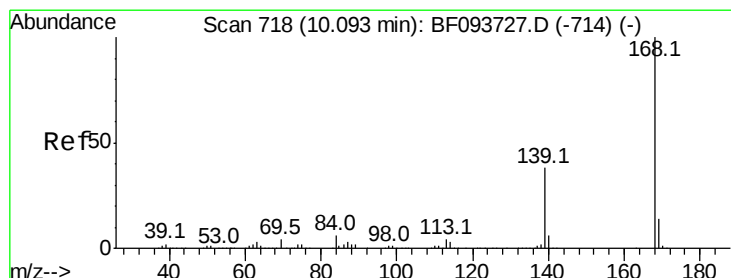
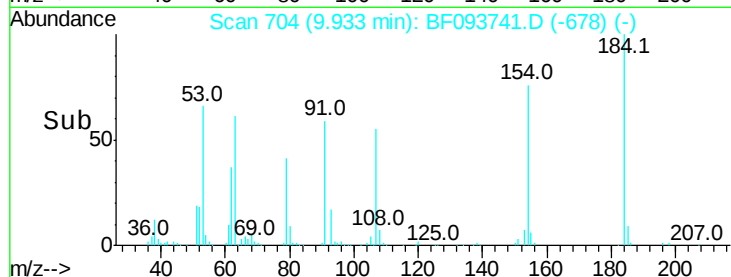
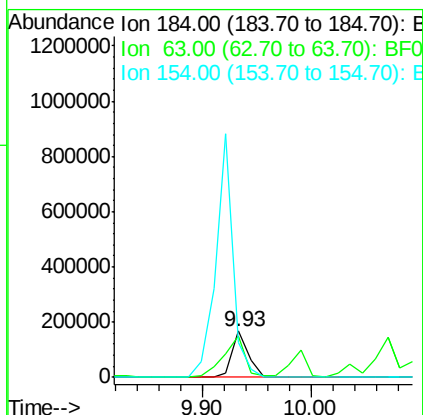
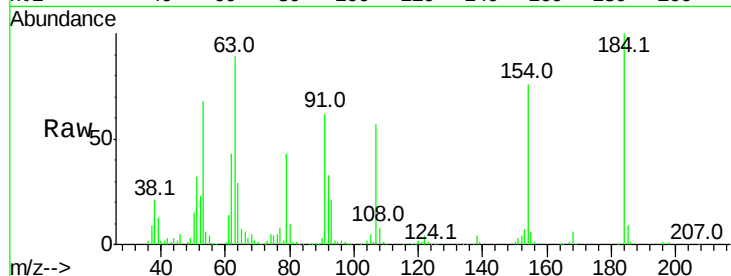




#53
2,4-Dinitrophenol
Concen: 76.71 ng
RT: 9.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

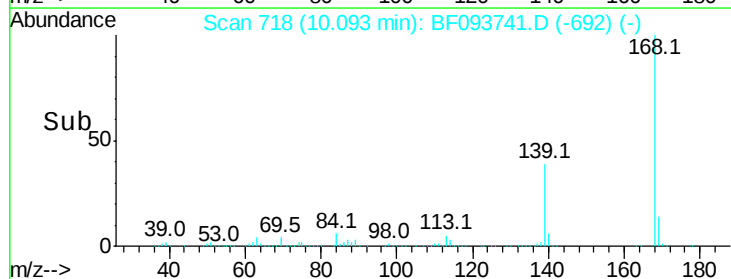
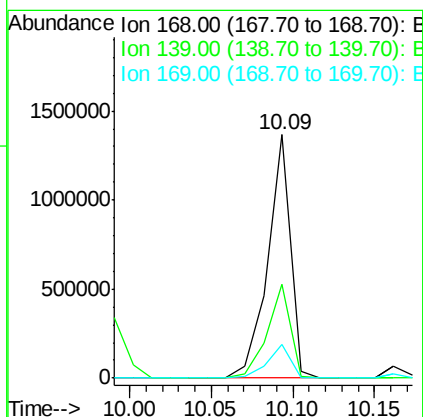
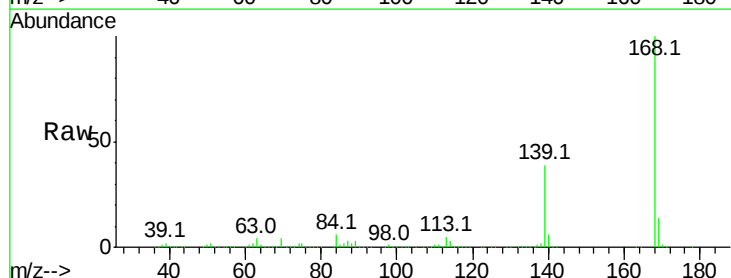
Instrument :
BNA_F
ClientSampleId :
PB97670BS

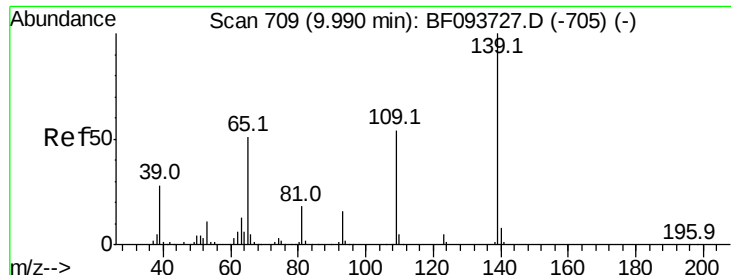
Tot Ion:184 Resp: 173929
Ion Ratio Lower Upper
184 100
63 88.8 62.7 94.1
154 75.6 81.1 121.7#



#54
Dibenzofuran
Concen: 48.58 ng
RT: 10.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:168 Resp: 1325843
Ion Ratio Lower Upper
168 100
139 38.6 30.6 45.8
169 13.9 10.8 16.2





#55

4-Nitrophenol

Concen: 82.29 ng

RT: 9.99 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

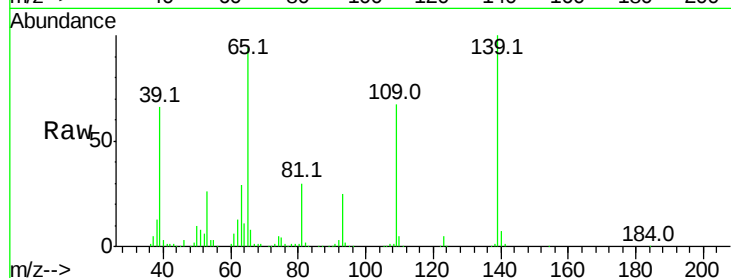
Tot Ion:139 Resp: 385854

Ion Ratio Lower Upper

139 100

109 66.7 34.1 74.1

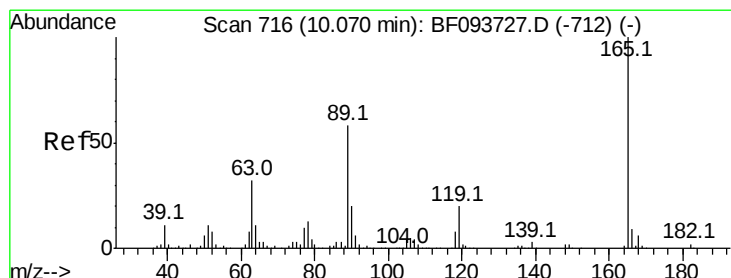
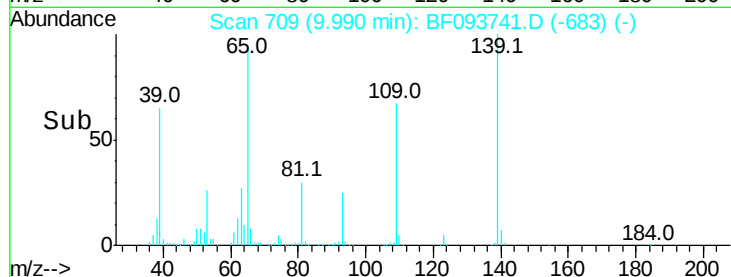
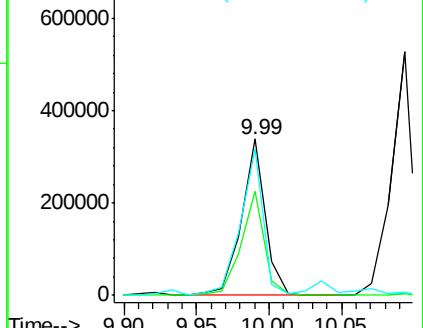
65 93.7 31.4 71.4#



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: 49.16 ng

RT: 10.07 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion:165 Resp: 342817

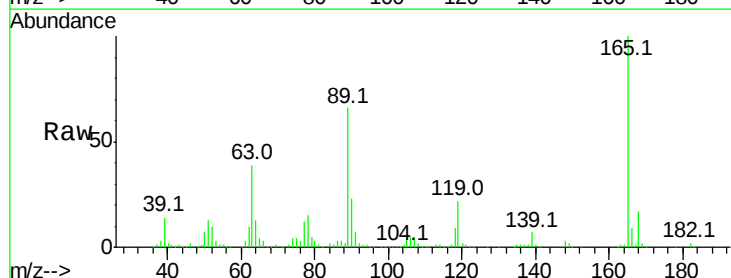
Ion Ratio Lower Upper

165 100

63 38.7 25.4 38.0#

89 66.2 46.4 69.6

182 2.4 1.8 2.6

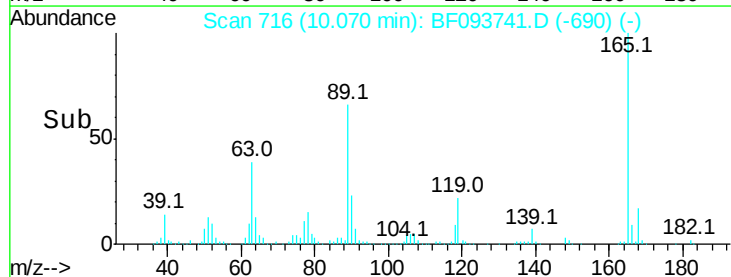
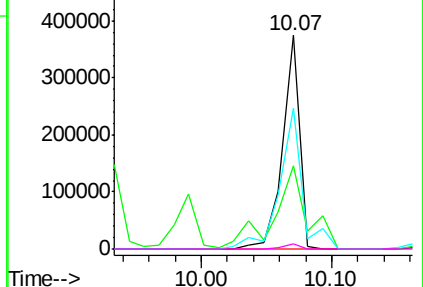


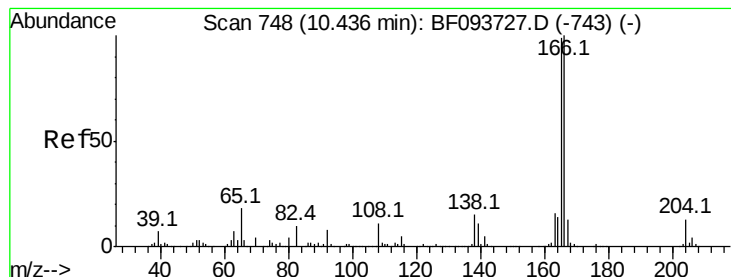
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.32 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

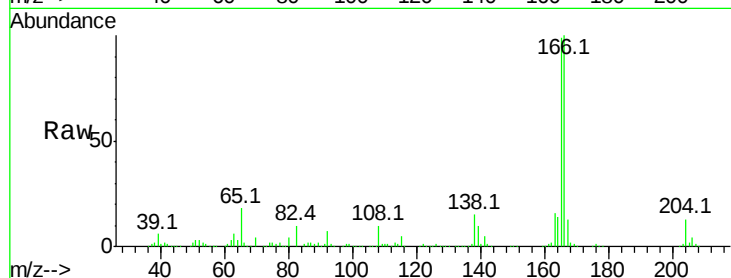
Tot Ion:166 Resp: 958951

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

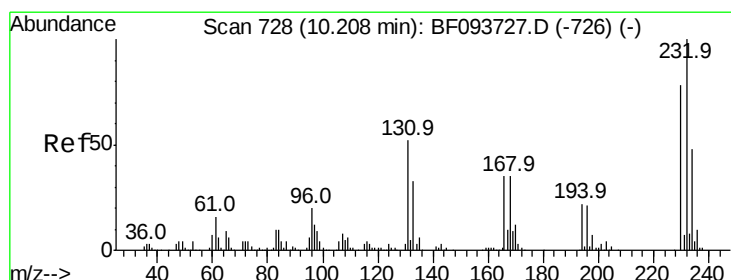
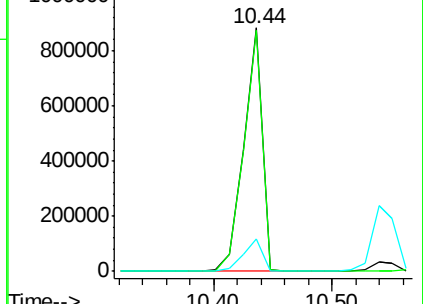
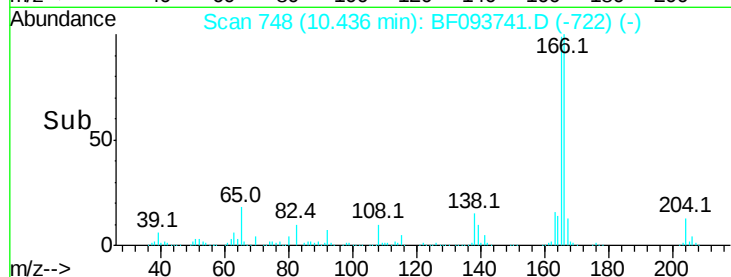
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.20 ng

RT: 10.21 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion:232 Resp: 228178

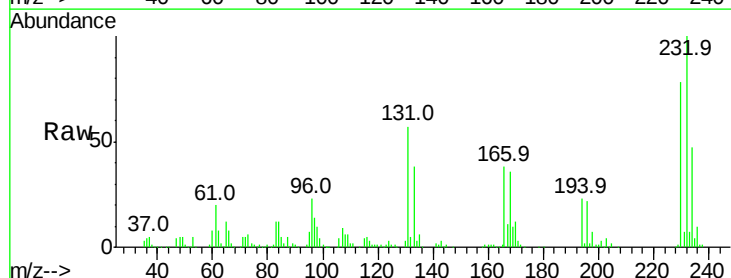
Ion Ratio Lower Upper

232 100

131 57.6 44.8 67.2

130 2.9 2.3 3.5

166 37.1 29.0 43.4

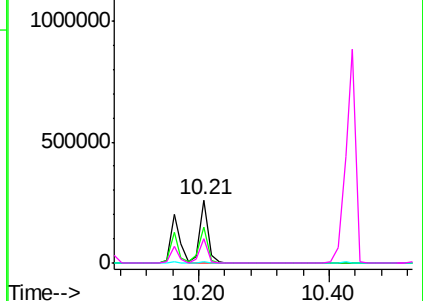
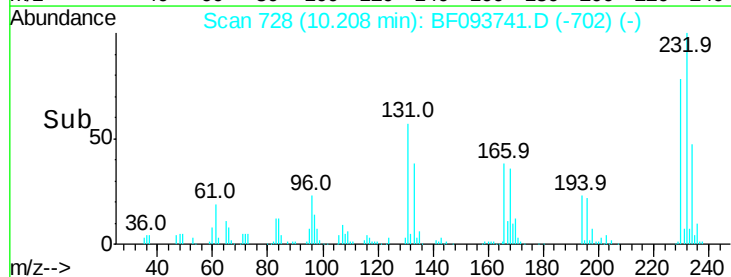


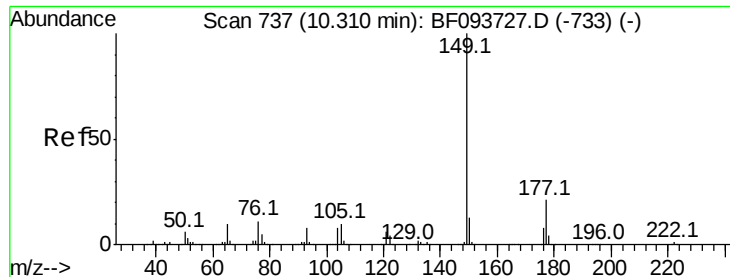
Abundance Ion 232.00 (231.70 to 232.70): E

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

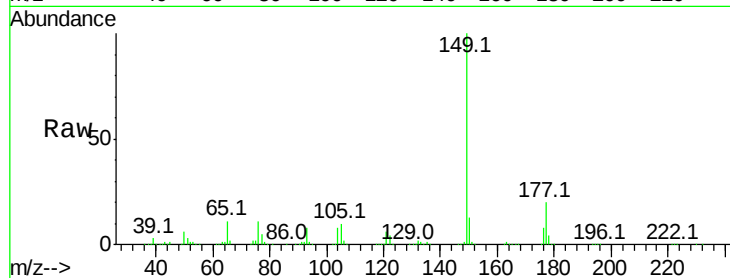




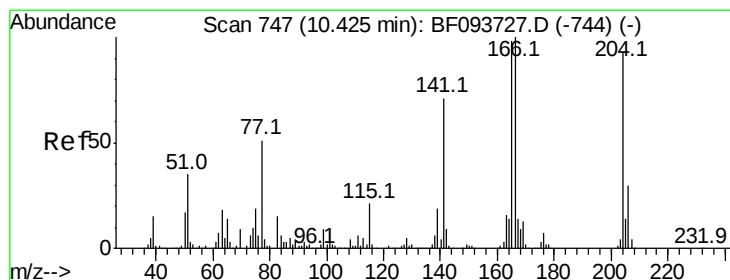
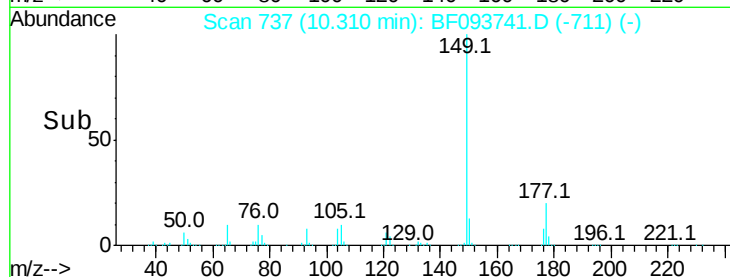
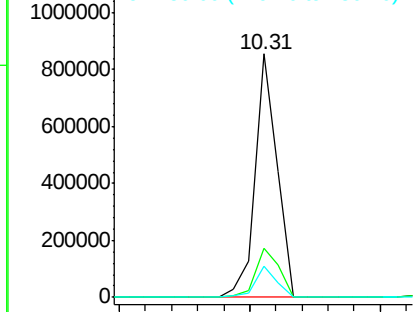
#59
Diethylphthalate
Concen: 43.39 ng
RT: 10.31 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampled :
PB97670BS

Tot Ion:149 Resp: 1001603
Ion Ratio Lower Upper
149 100
177 20.0 16.7 25.1
150 12.9 10.2 15.2

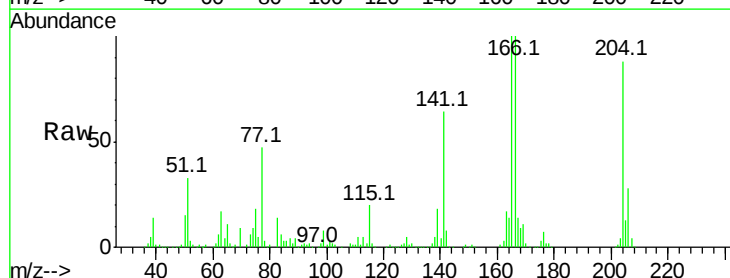


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

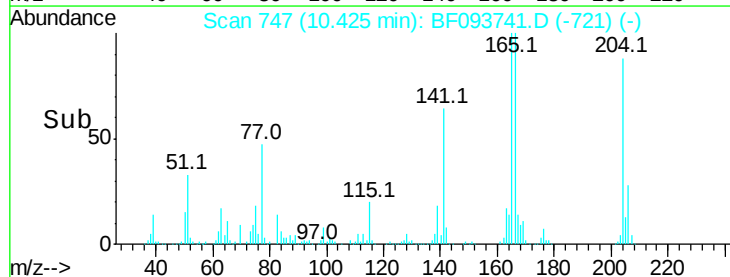
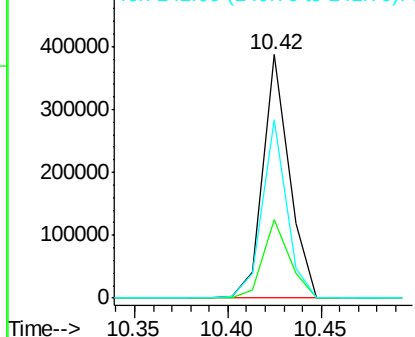


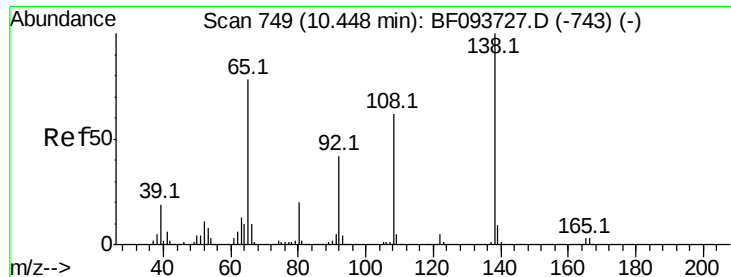
#60
4-Chlorophenyl-phenylether
Concen: 40.54 ng
RT: 10.42 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:204 Resp: 378167
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 73.2 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

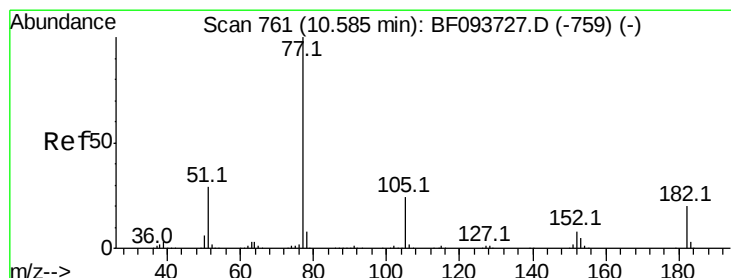
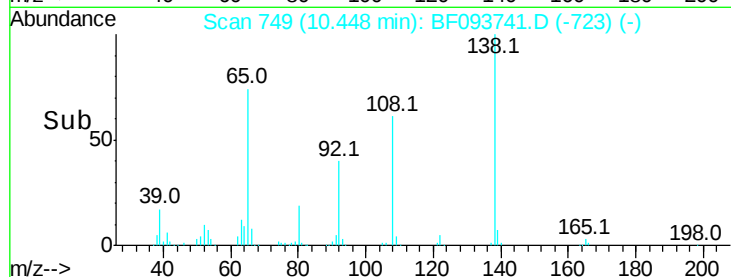
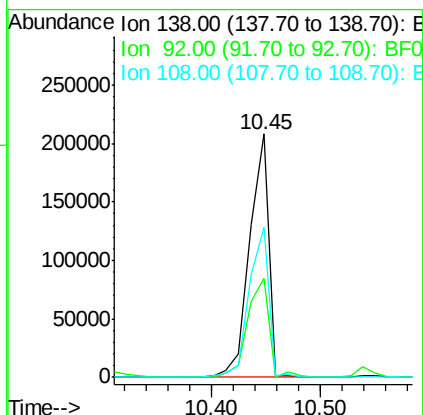
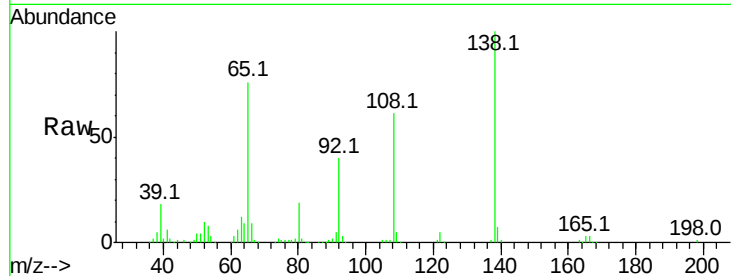




#61
4-Nitroaniline
Concen: 43.80 ng
RT: 10.45 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

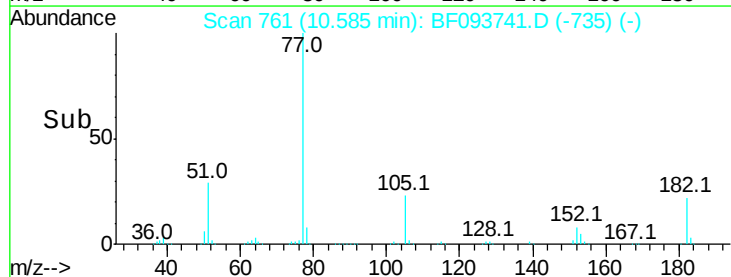
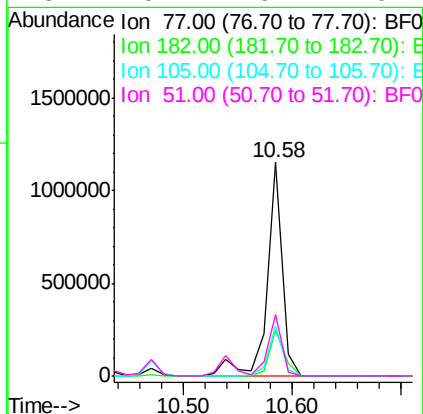
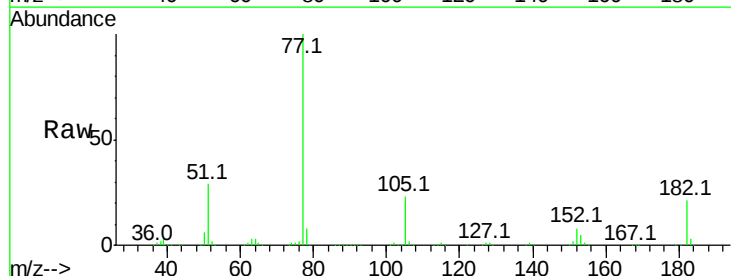
Instrument :
BNA_F
ClientSampleId :
PB97670BS

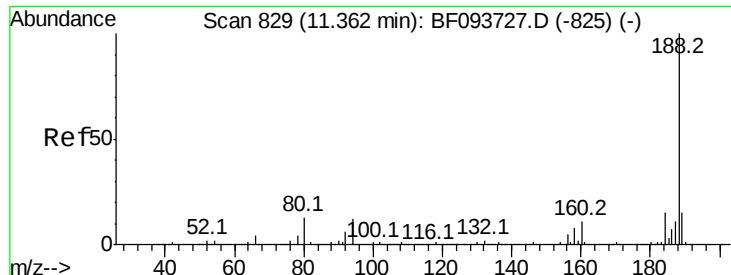
Tot Ion:138 Resp: 253310
Ion Ratio Lower Upper
138 100
92 40.4 21.8 61.8
108 61.4 42.3 82.3



#62
Azobenzene
Concen: 48.85 ng
RT: 10.58 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion: 77 Resp: 1139282
Ion Ratio Lower Upper
77 100
182 21.5 0.1 40.1
105 23.3 3.6 43.6
51 29.1 9.4 49.4

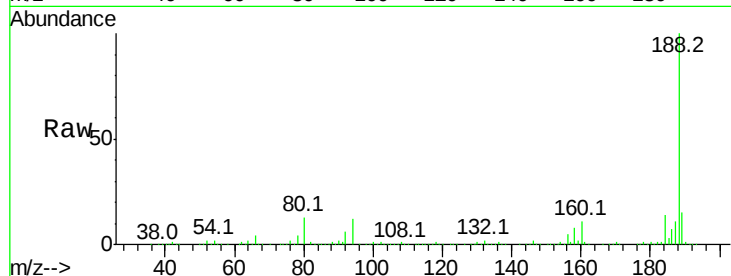




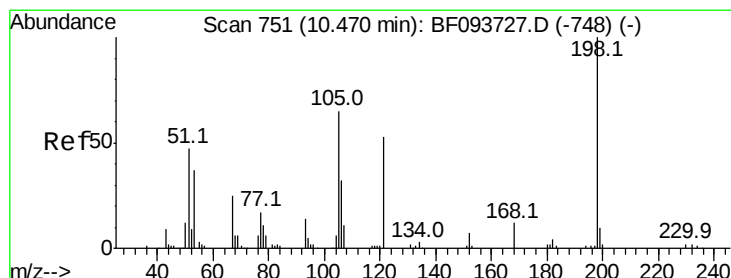
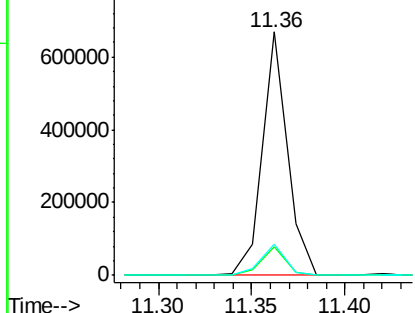
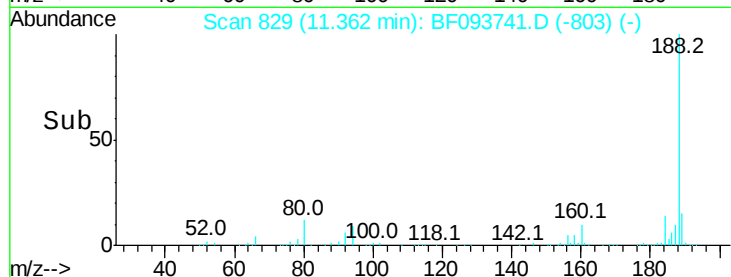
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tot Ion:188 Resp: 619293
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.7 10.2 15.2

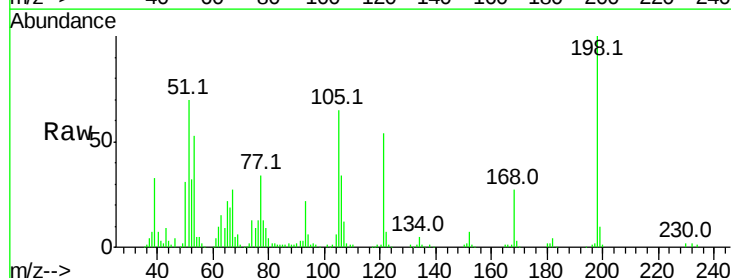


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

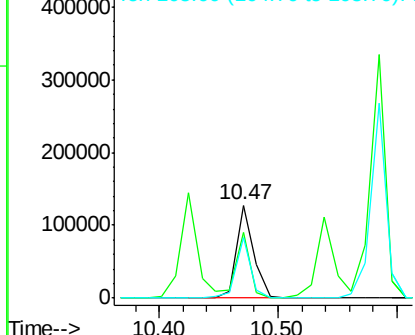
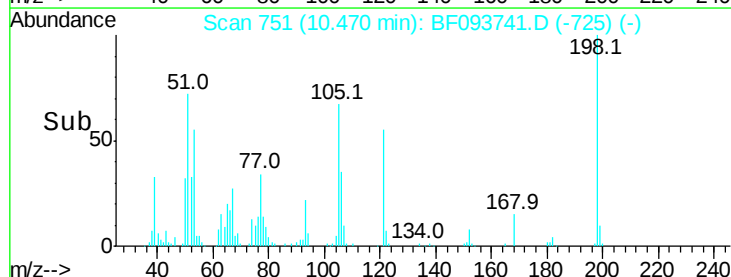


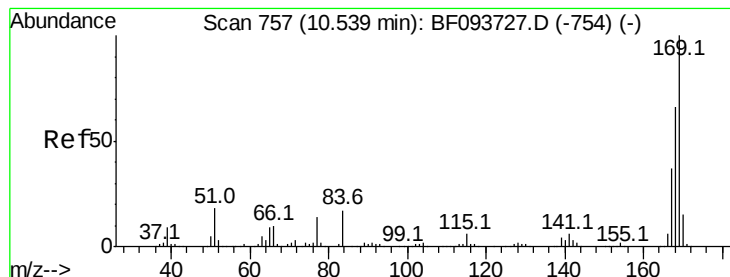
#64
4,6-Dinitro-2-methylphenol
Concen: 39.80 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:198 Resp: 129123
Ion Ratio Lower Upper
198 100
51 70.2 53.2 93.2
105 64.6 45.8 85.8



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





#65

n-Nitrosodiphenylamine

Concen: 40.89 ng

RT: 10.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

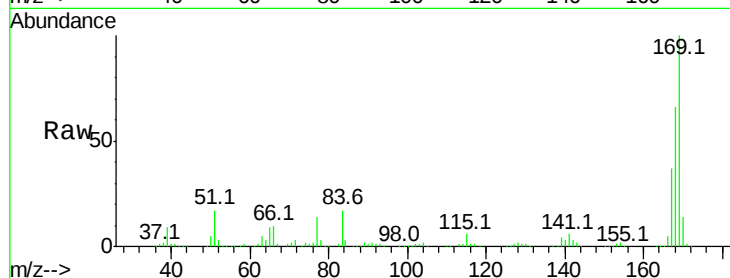
Tot Ion:169 Resp: 854751

Ion Ratio Lower Upper

169 100

168 66.5 53.2 79.8

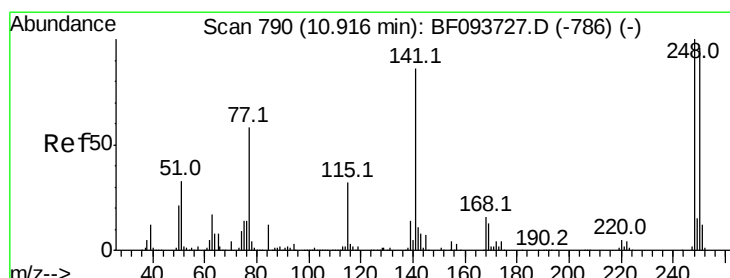
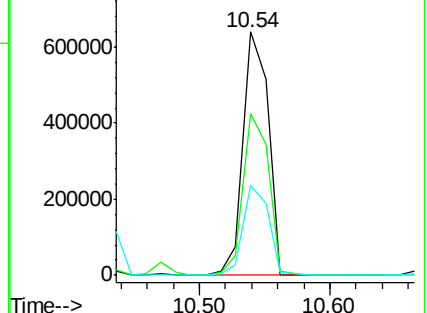
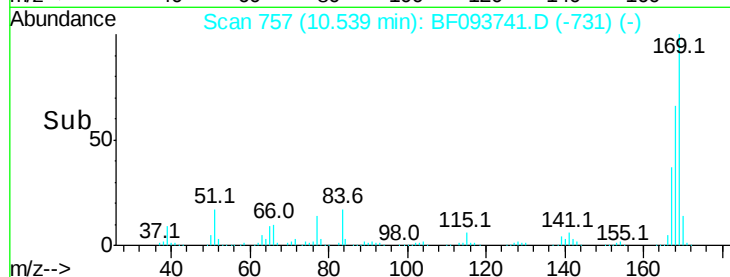
167 37.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.19 ng

RT: 10.92 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

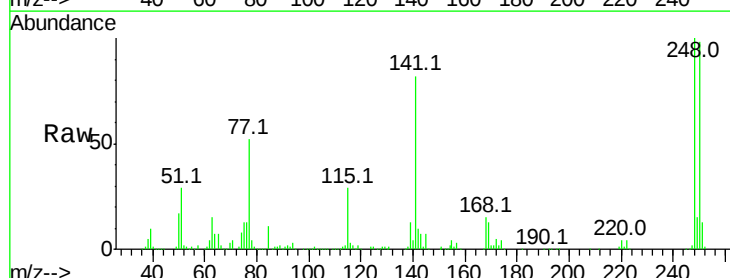
Tgt Ion:248 Resp: 252850

Ion Ratio Lower Upper

248 100

250 97.8 76.8 115.2

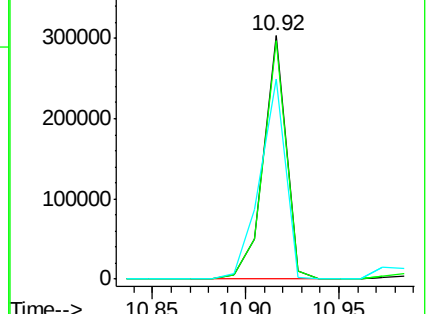
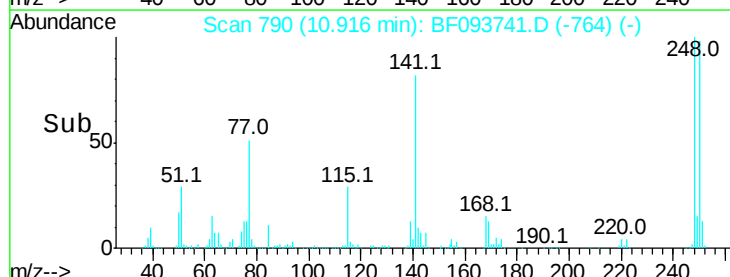
141 82.3 68.6 103.0

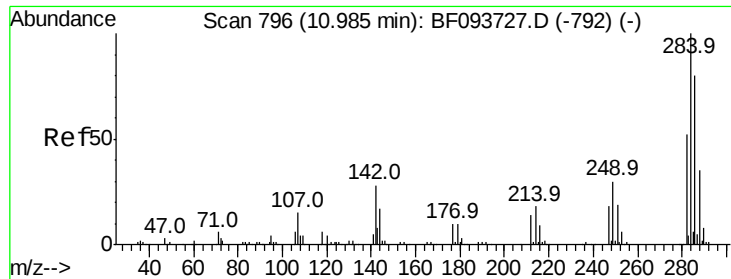


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

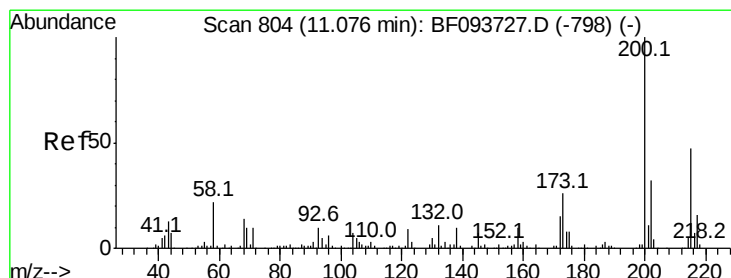
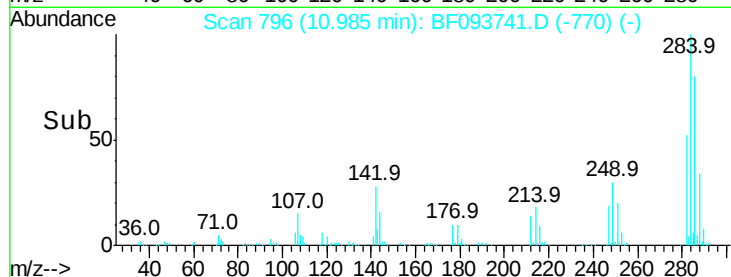
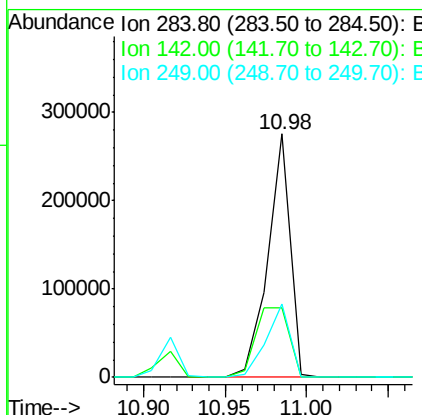
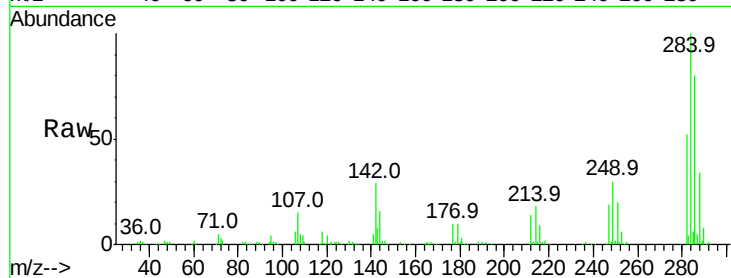




#67
Hexachlorobenzene
Concen: 43.14 ng
RT: 10.98 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

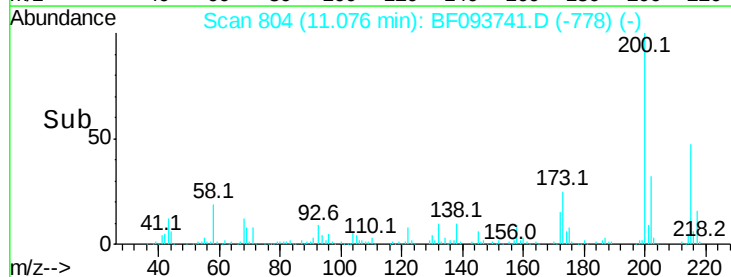
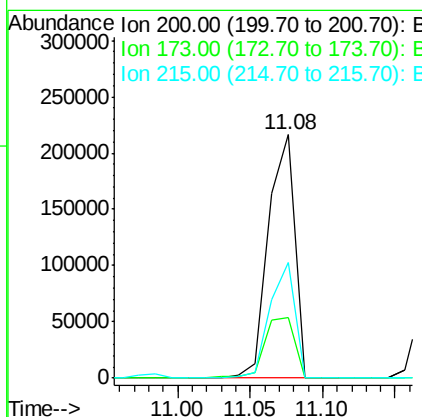
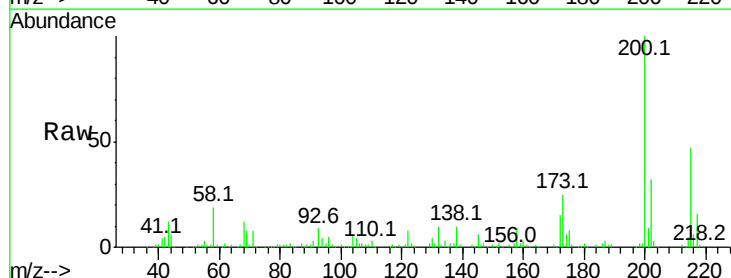
Instrument :
BNA_F
ClientSampleId :
PB97670BS

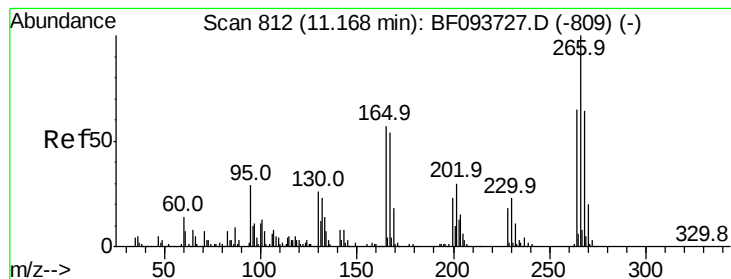
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.6	22.8	34.2
249	30.1	24.0	36.0



#68
Atrazine
Concen: 45.36 ng
RT: 11.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.9	6.3	46.3
215	47.3	27.2	67.2





#69

Pentachlorophenol

Concen: 78.36 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

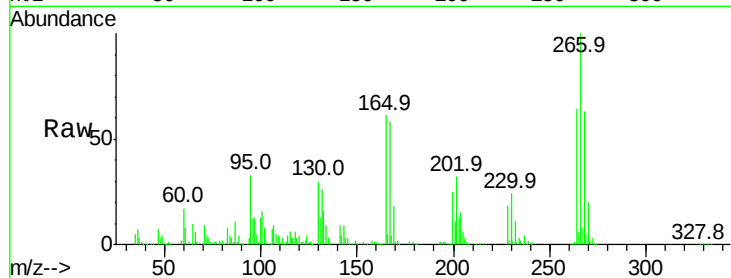
Tot Ion:266 Resp: 274700

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

264 64.3 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

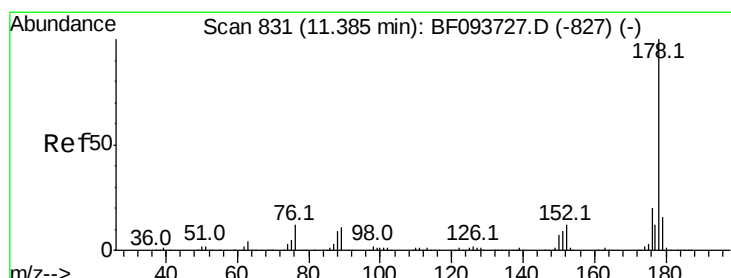
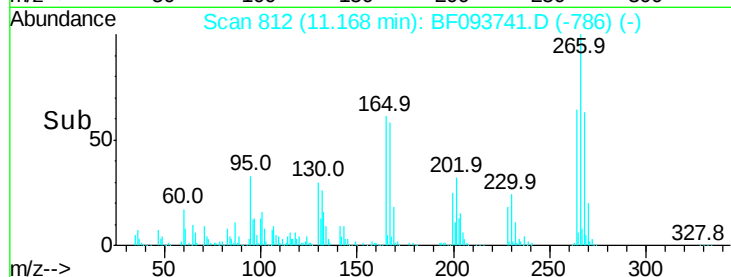
11.17

200000

100000

0

Time--> 11.00 11.20 11.40



#70

Phenanthrene

Concen: 36.87 ng

RT: 11.38 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

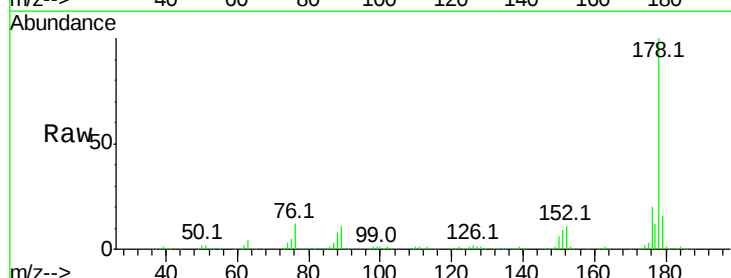
Tgt Ion:178 Resp: 1291021

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.38

2000000

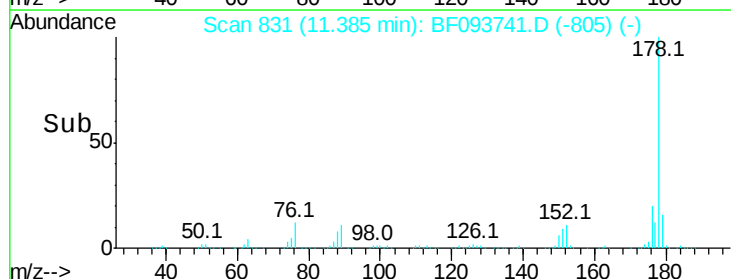
1500000

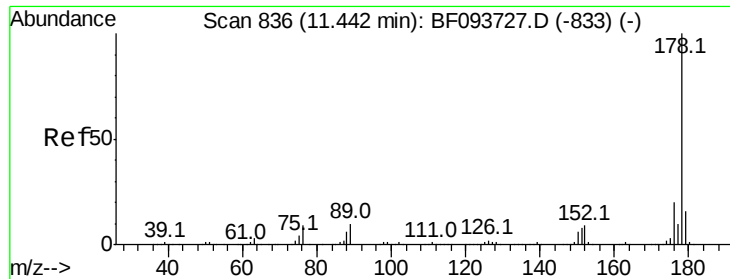
1000000

500000

0

Time--> 11.35 11.40

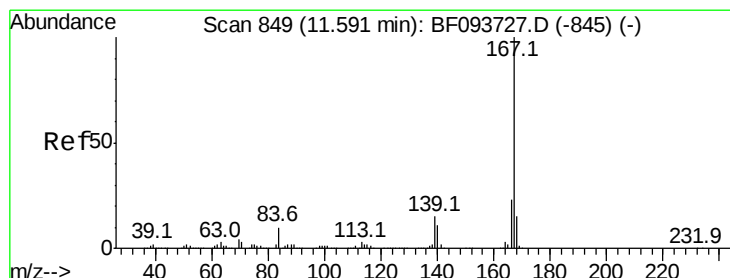
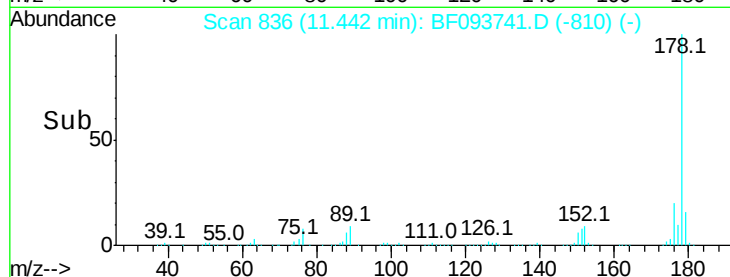
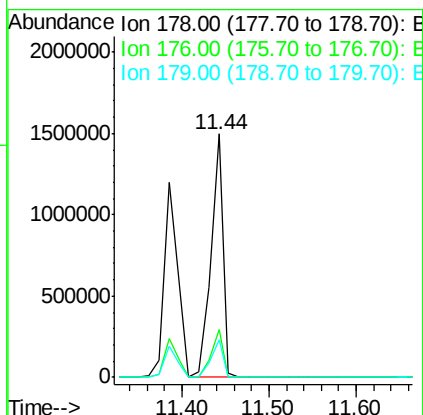
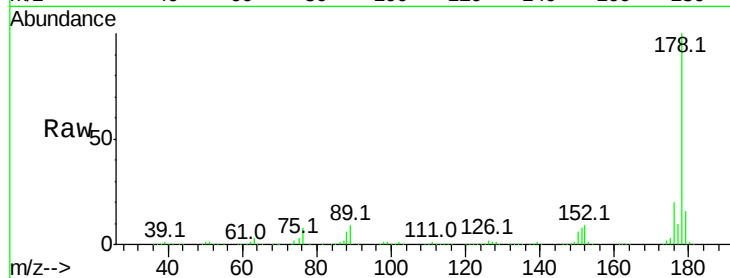




#71
 Anthracene
 Concen: 42.31 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

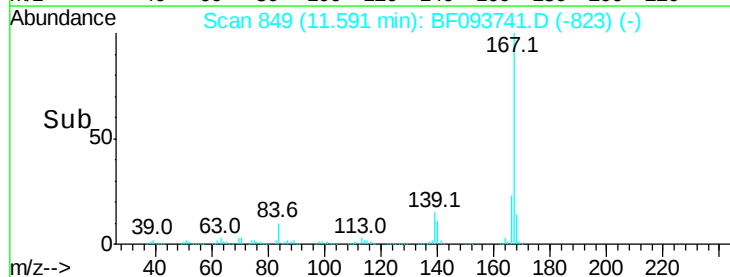
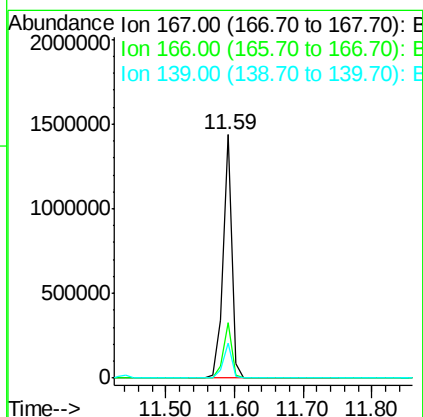
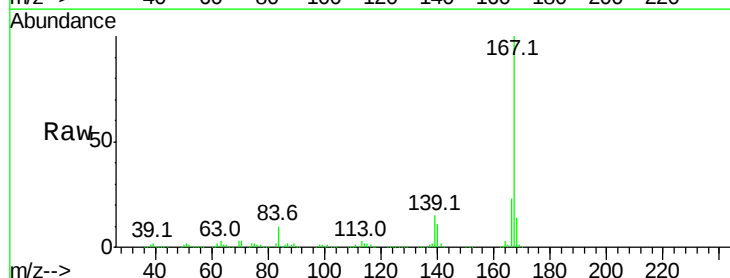
Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

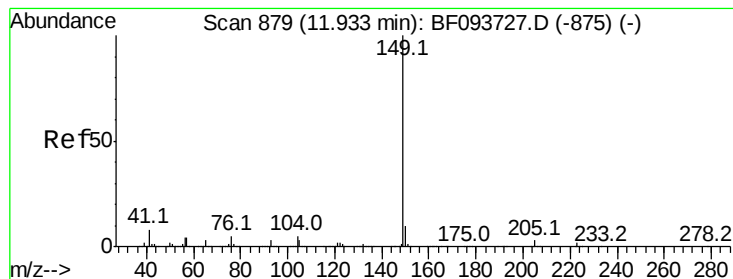
Tot Ion:178 Resp: 1449530
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 36.06 ng
 RT: 11.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion:167 Resp: 1293146
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.48 ng

RT: 11.93 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

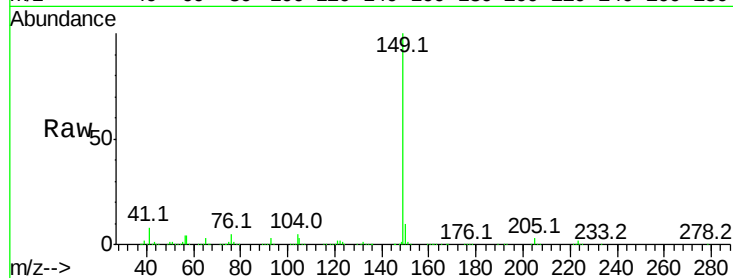
Tot Ion:149 Resp: 1484188

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

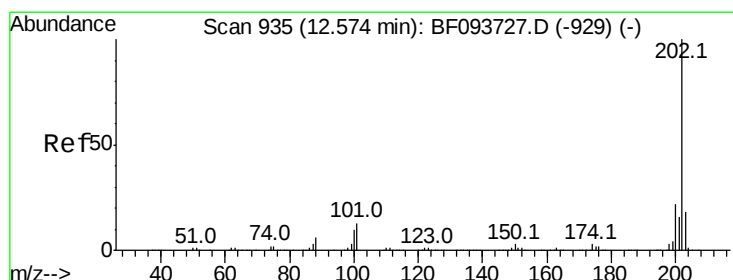
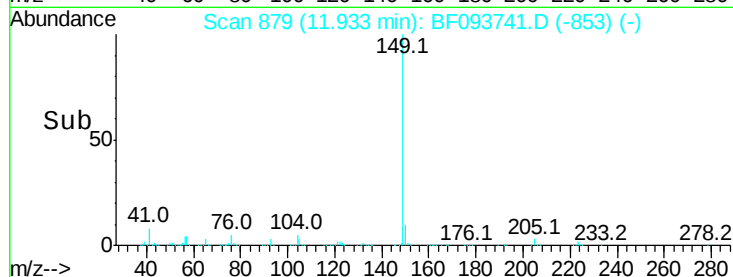
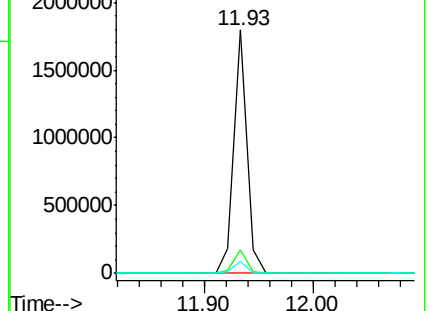
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.32 ng

RT: 12.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

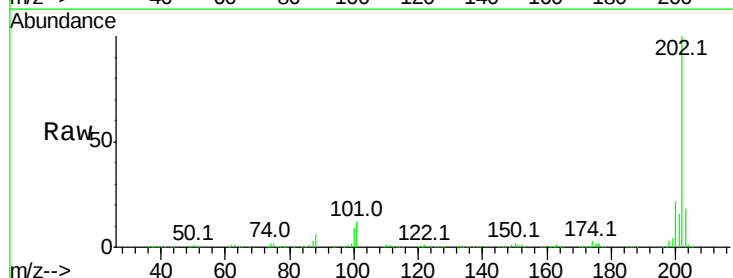
Tgt Ion:202 Resp: 1436001

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

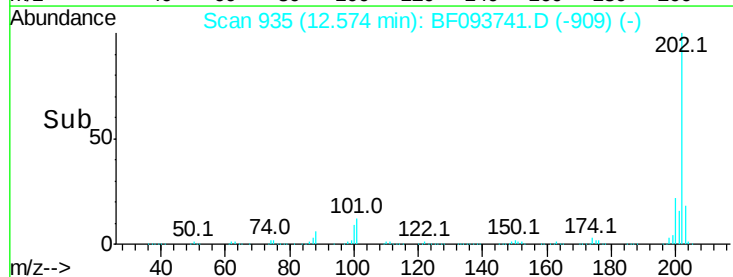
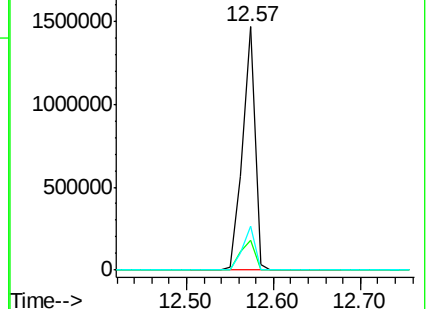
203 18.1 0.0 38.1

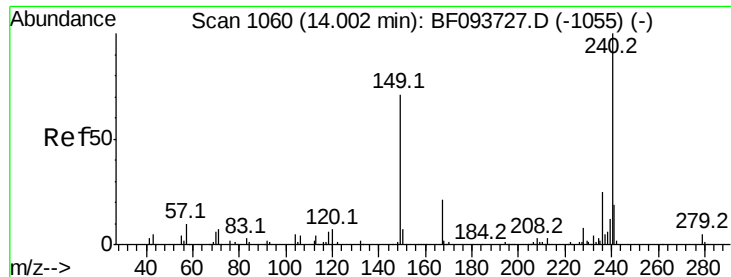


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

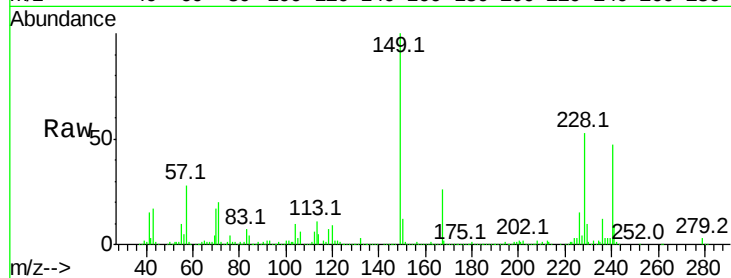
Tot Ion:240 Resp: 435330

Ion Ratio Lower Upper

240 100

120 18.3 5.8 8.8#

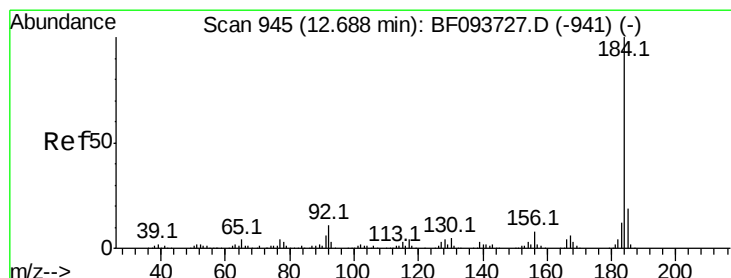
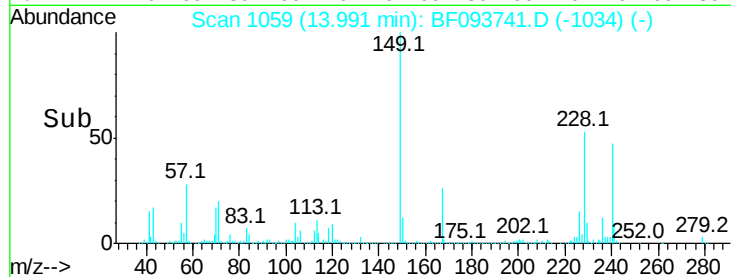
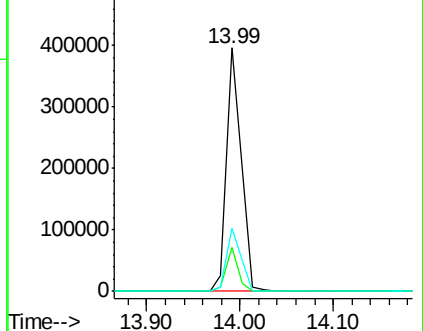
236 26.1 20.5 30.7



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: 24.55 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

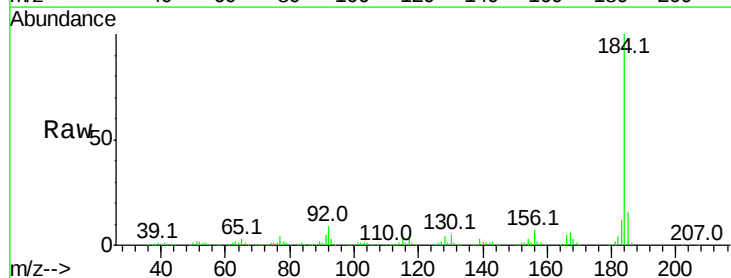
Tgt Ion:184 Resp: 417576

Ion Ratio Lower Upper

184 100

185 15.9 15.5 23.3

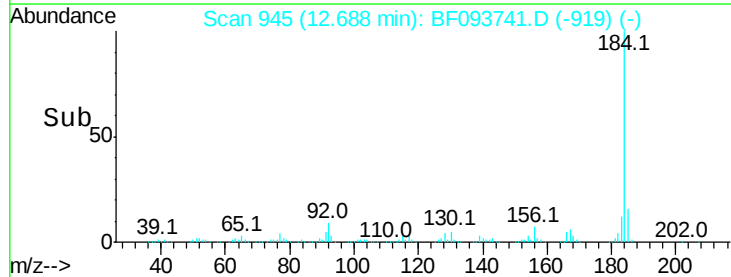
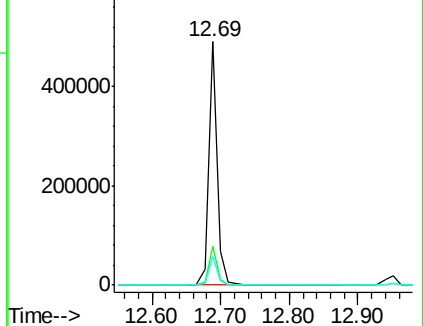
183 11.7 9.8 14.6

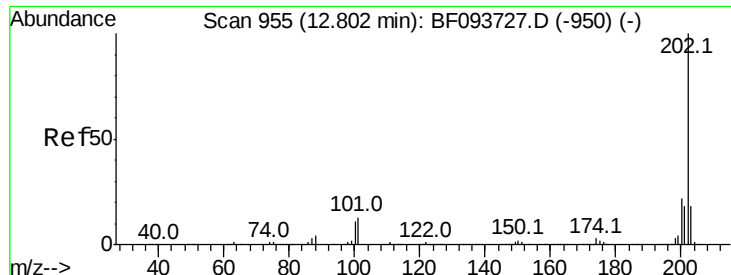


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

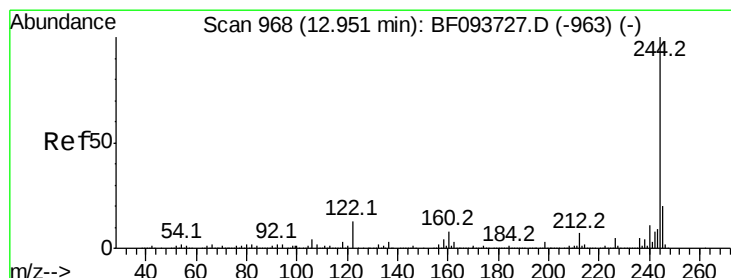
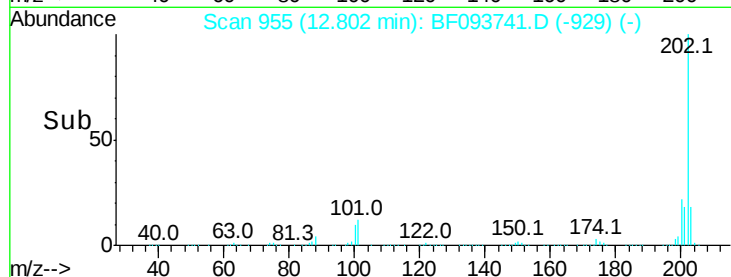
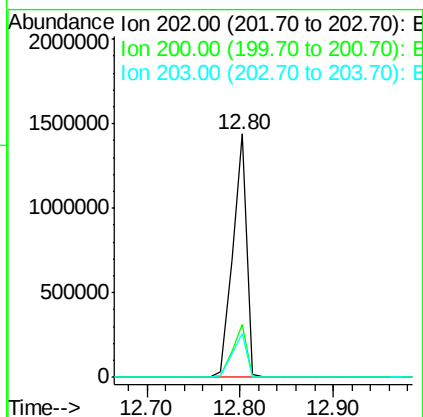
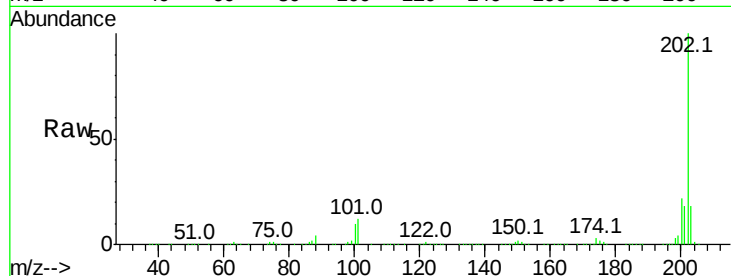




#77
 Pvrene
 Concen: 40.63 ng
 RT: 12.80 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

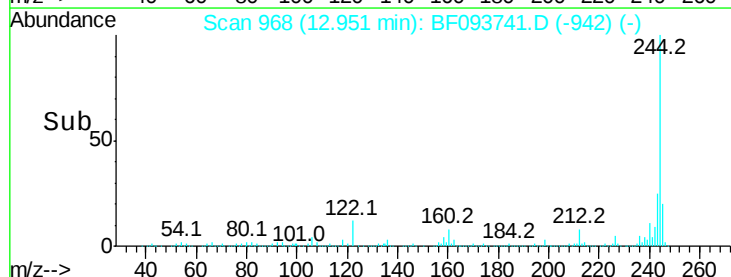
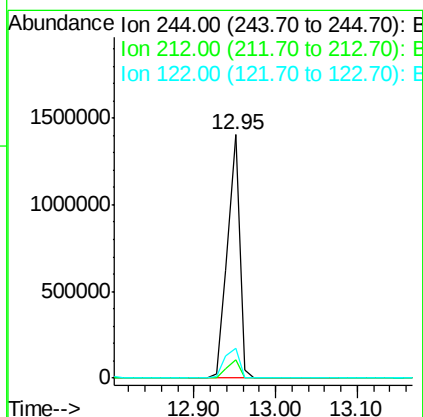
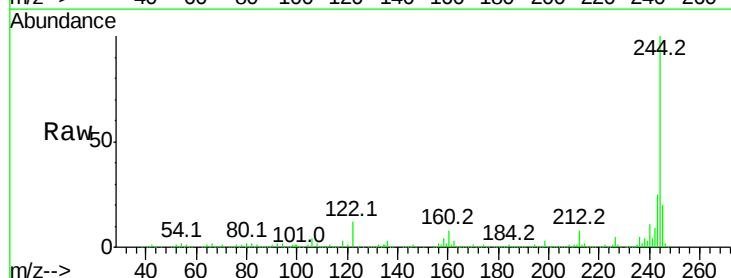
Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

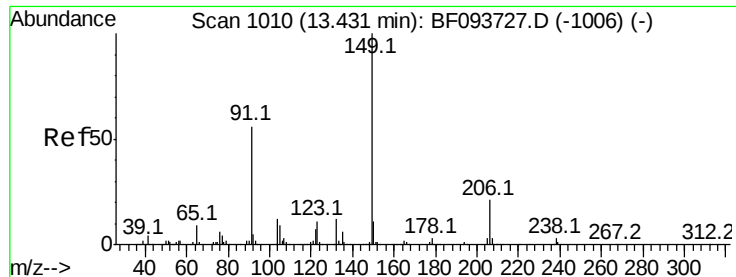
Tot Ion:202 Resp: 1504180
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.6 26.4
 203 17.9 14.4 21.6



#78
 Terphenyl-d14
 Concen: 71.55 ng
 RT: 12.95 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion:244 Resp: 1447205
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.4 10.3 15.5

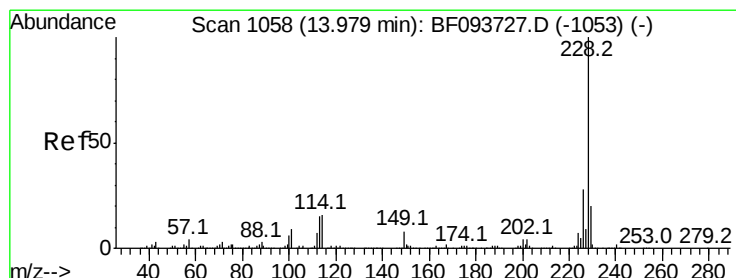
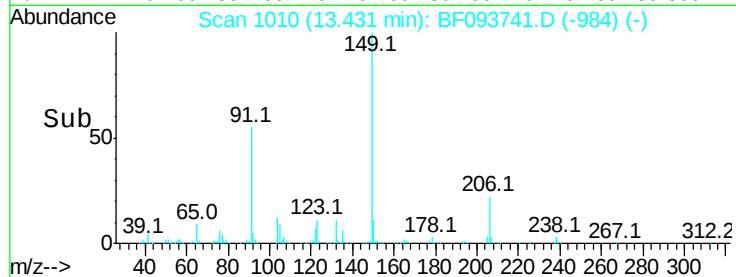
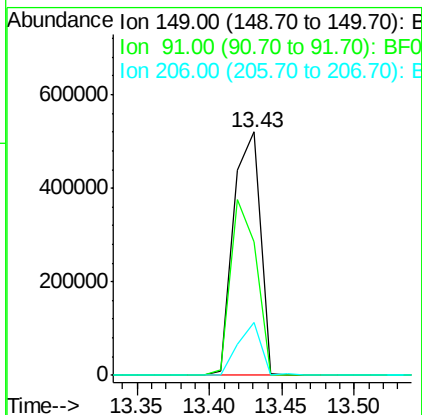
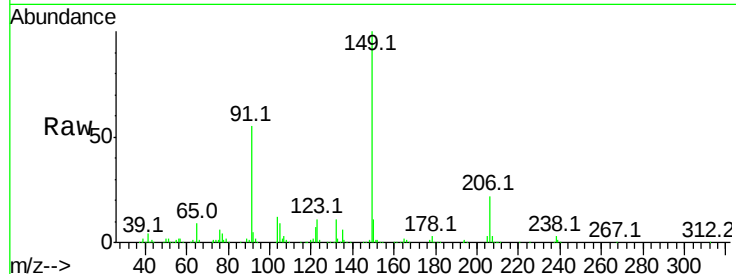




#79
Butylbenzylphthalate
Concen: 42.52 ng
RT: 13.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

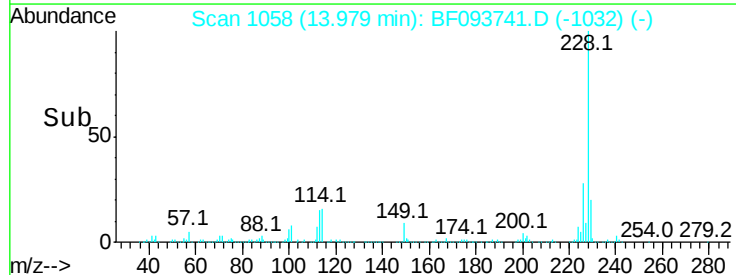
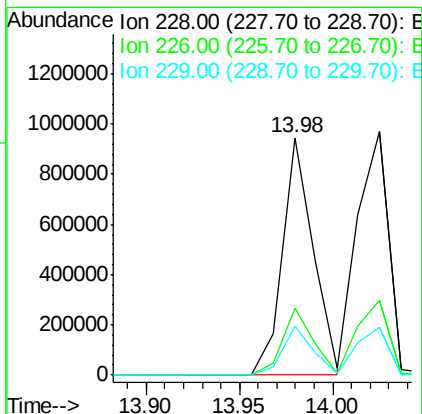
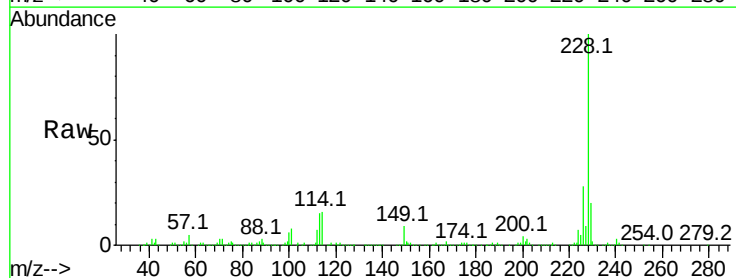
Instrument :
BNA_F
ClientSampleId :
PB97670BS

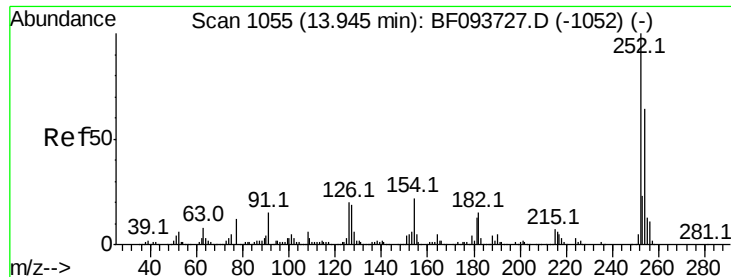
Tot Ion:149 Resp: 668746
Ion Ratio Lower Upper
149 100
91 54.9 45.0 67.4
206 22.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.13 ng
RT: 13.98 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:228 Resp: 1093321
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.4 16.3 24.5

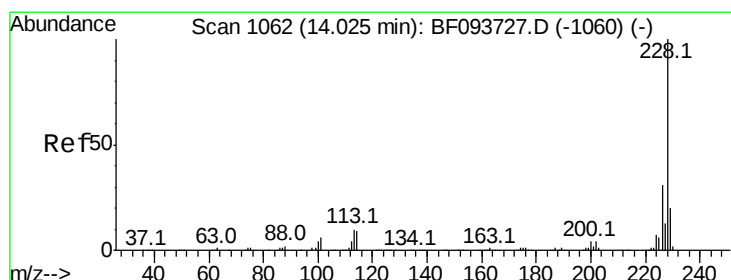
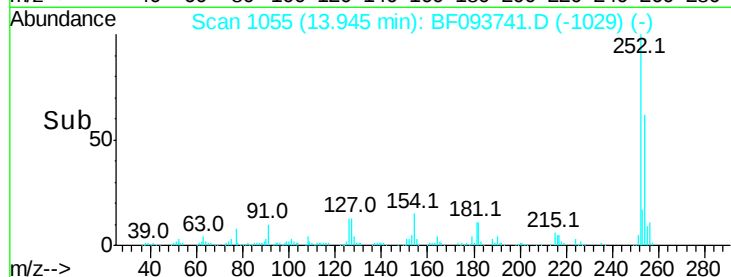
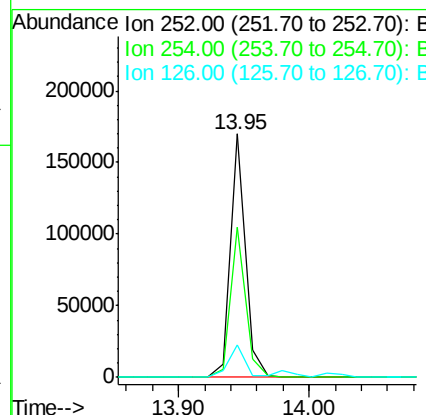
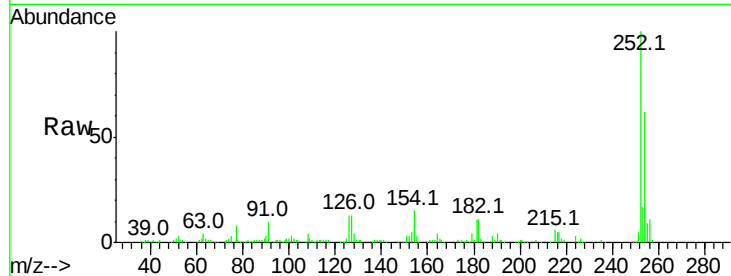




#81
 3,3'-Dichlorobenzidine
 Concen: 14.13 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

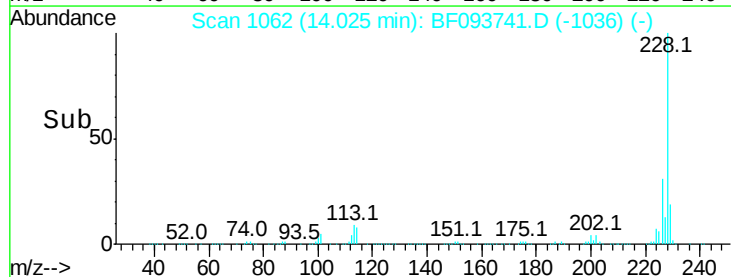
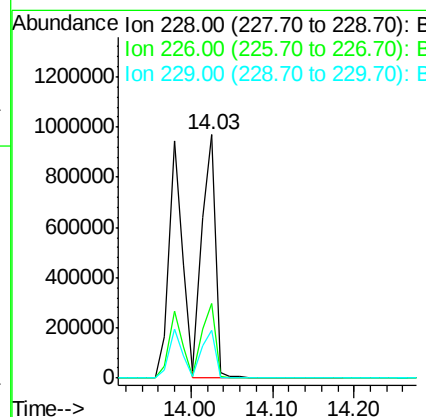
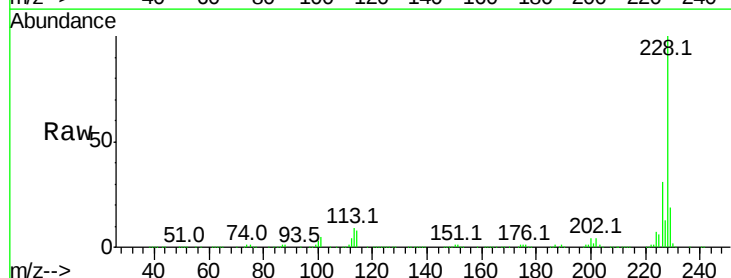
Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

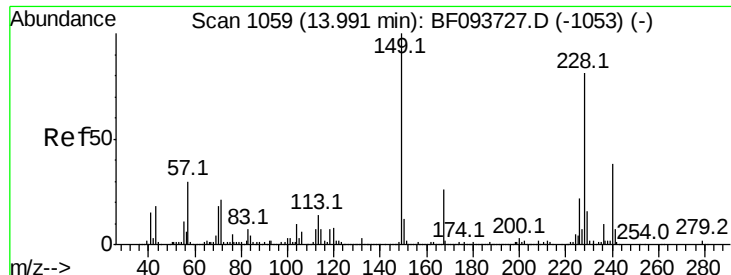
Tot Ion:252 Resp: 138524
 Ion Ratio Lower Upper
 252 100
 254 61.8 51.5 77.3
 126 13.4 15.8 23.8#



#82
 Chrysene
 Concen: 41.97 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion:228 Resp: 1133454
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 19.4 15.8 23.6

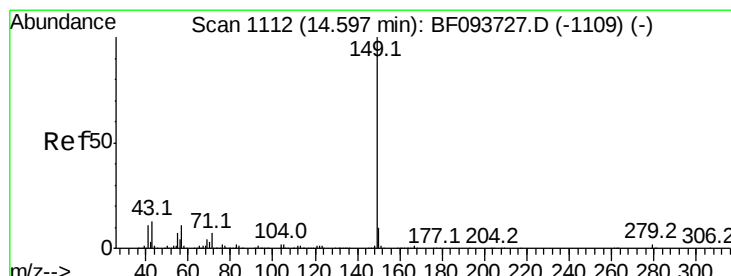
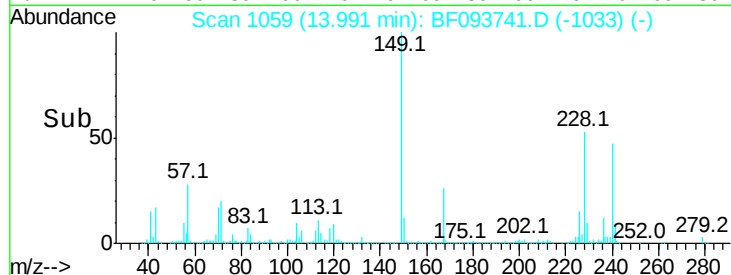
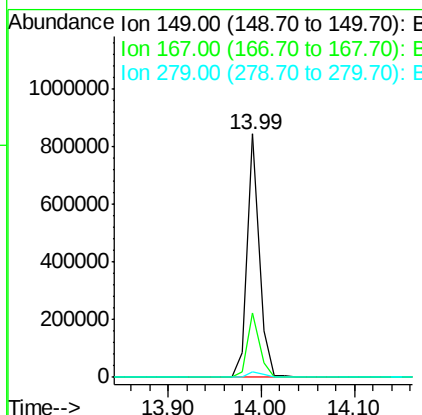
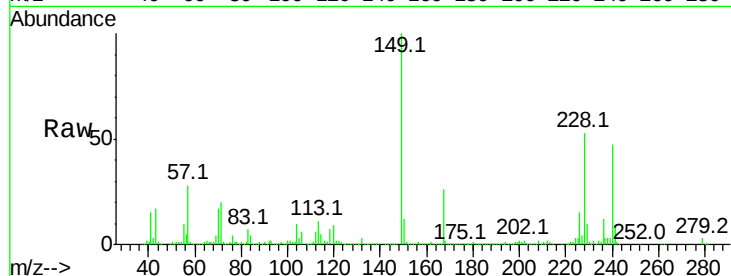




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.90 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

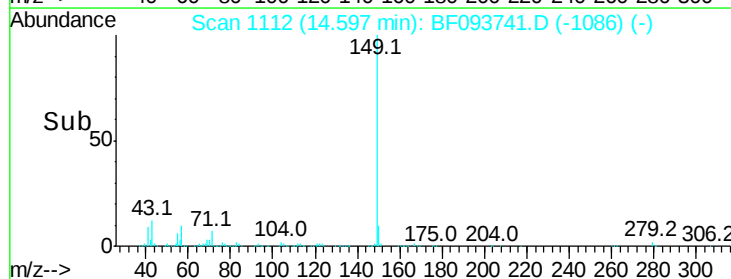
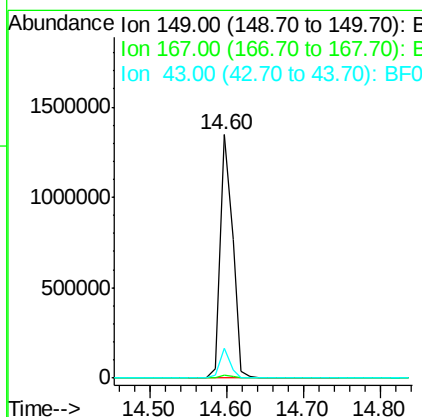
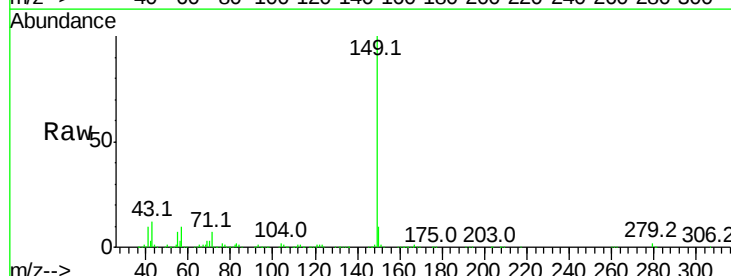
Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

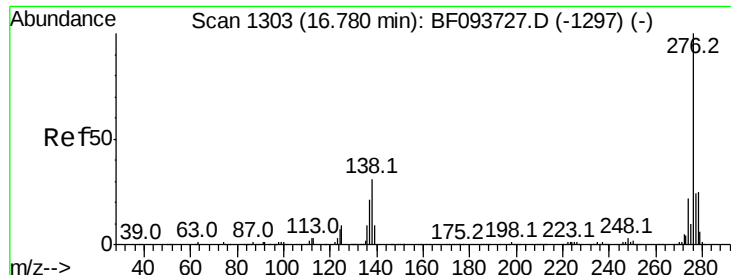
Tot Ion:149	Resp: 759075
Ion Ratio	Lower Upper
149 100	
167 26.4	21.0 31.4
279 2.5	1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 47.87 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion:149	Resp: 1526158
Ion Ratio	Lower Upper
149 100	
167 1.5	1.2 1.8
43 10.1	8.5 12.7

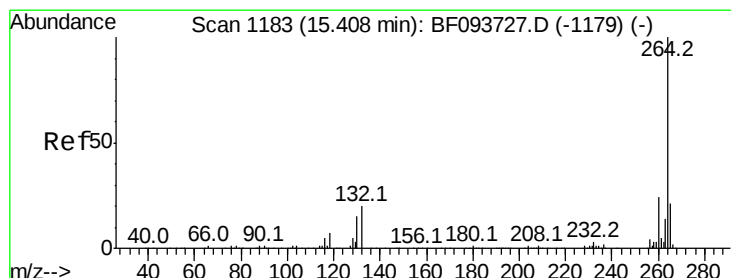
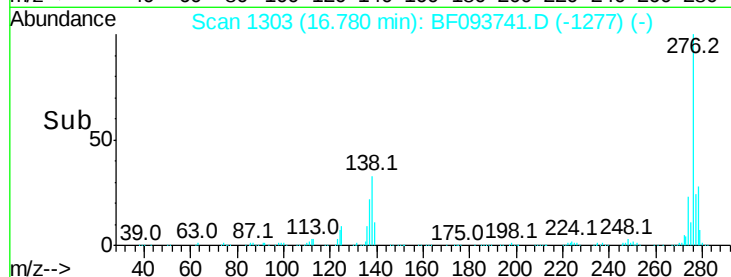
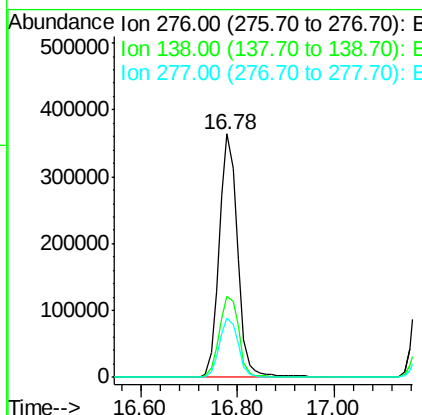
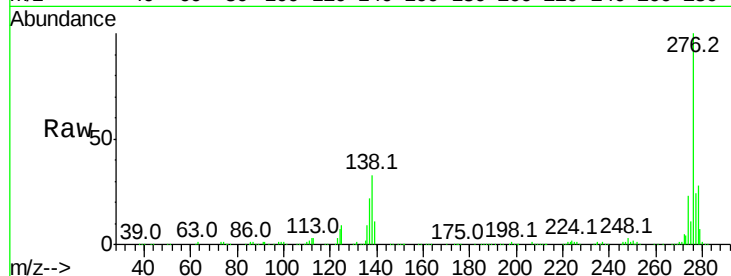




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.36 ng
 RT: 16.78 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

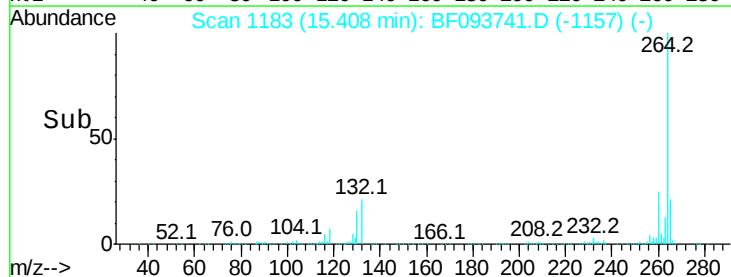
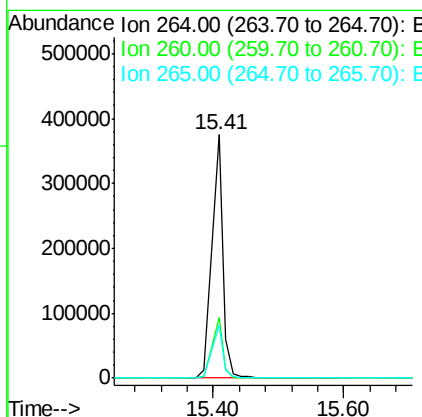
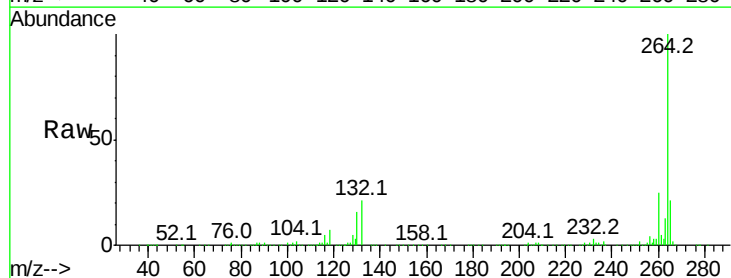
Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

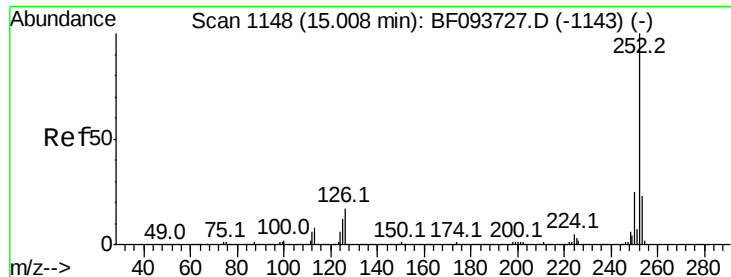
Tot Ion:276 Resp: 968751
 Ion Ratio Lower Upper
 276 100
 138 35.7 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion:264 Resp: 454054
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 39.56 ng

RT: 15.01 min Scan# 1148

Delta R.T. 0.00 min

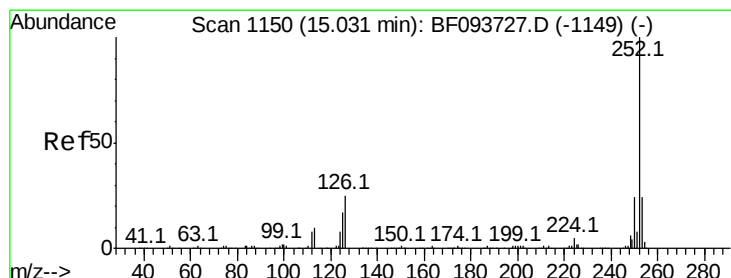
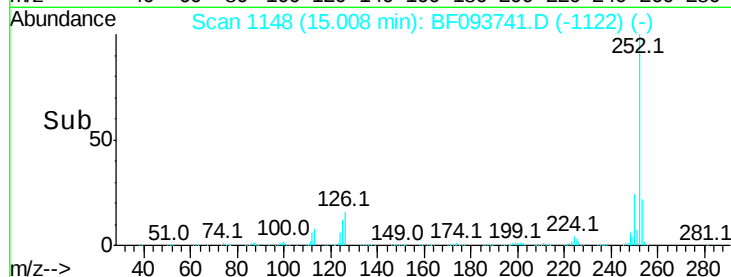
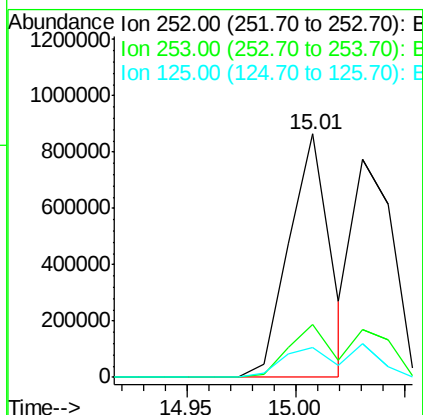
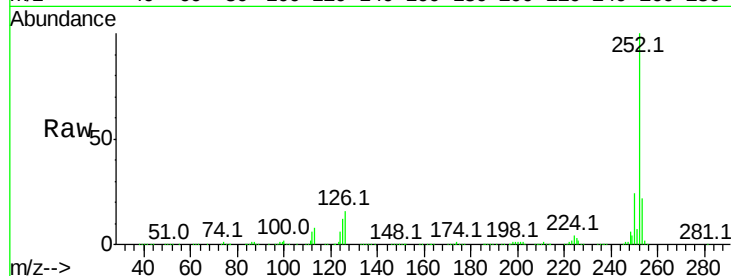
Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tot Ion:252 Resp: 1138557

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.1	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 44.76 ng

RT: 15.01 min Scan# 1148

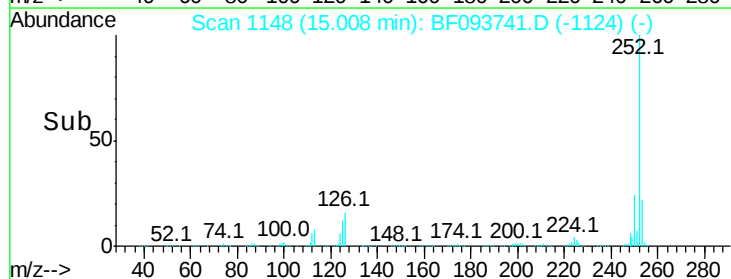
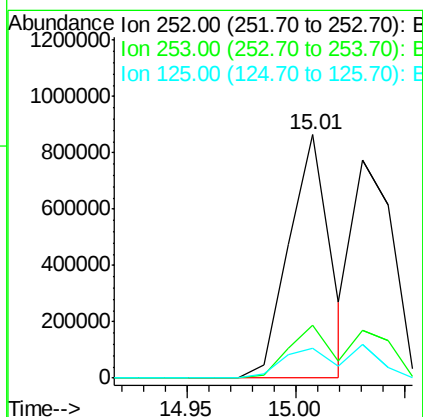
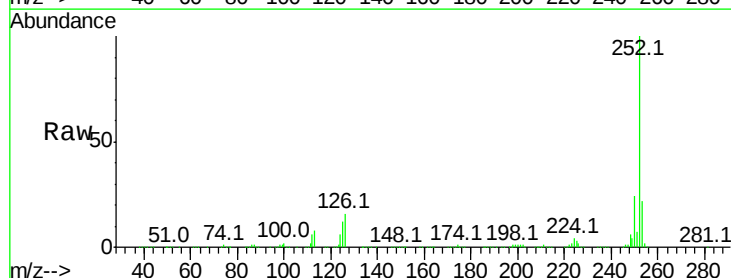
Delta R.T. -0.02 min

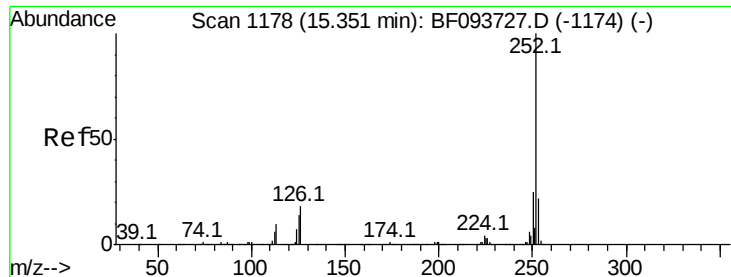
Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion:252 Resp: 1138557

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	12.1	13.1	19.7#



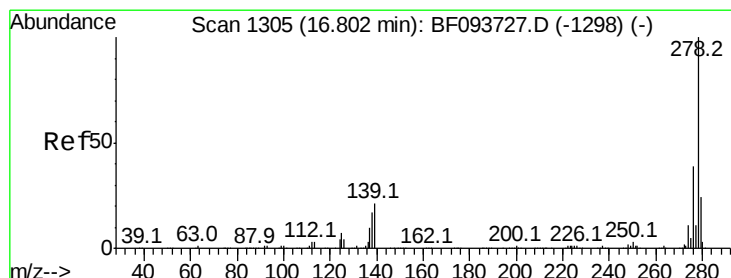
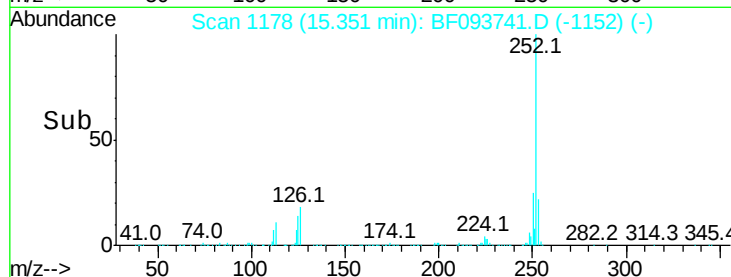
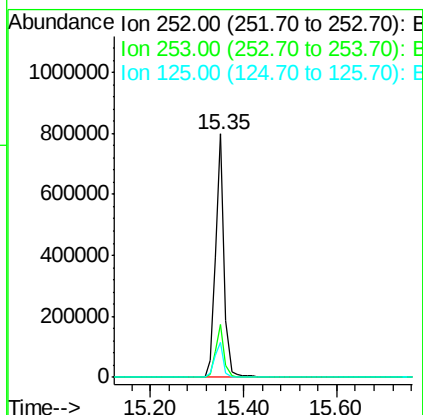
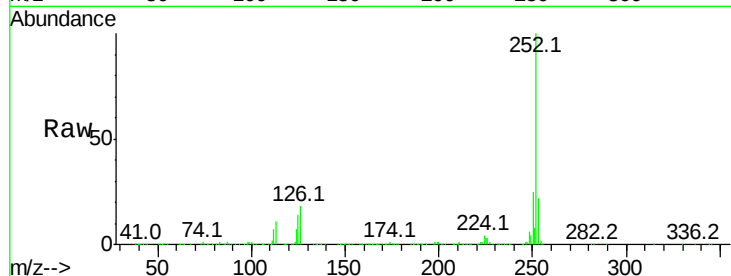


#89
Benzo(a)pyrene
Concen: 40.10 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tot Ion:252 Resp: 1019924

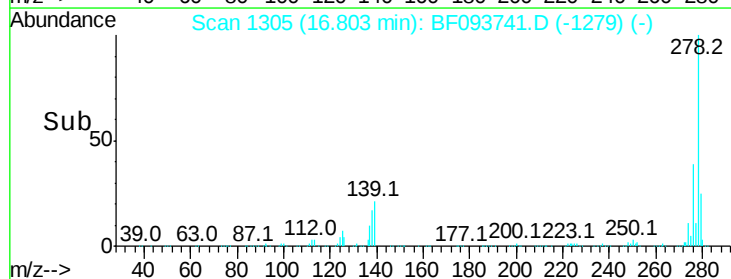
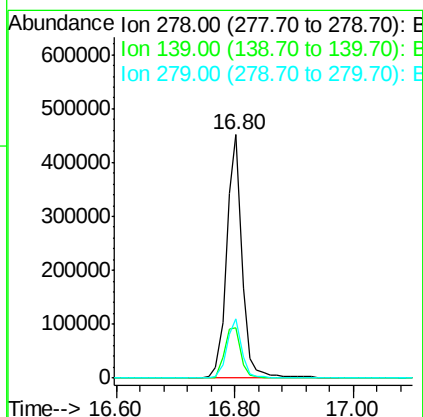
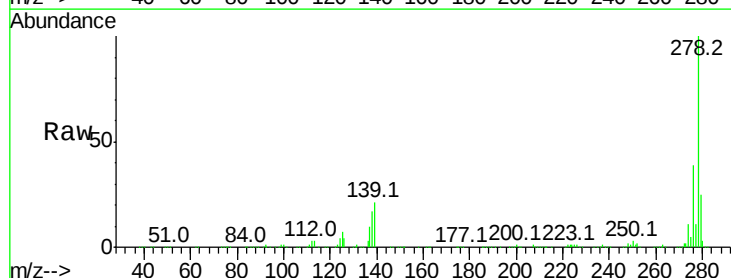
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.2	11.0	16.4

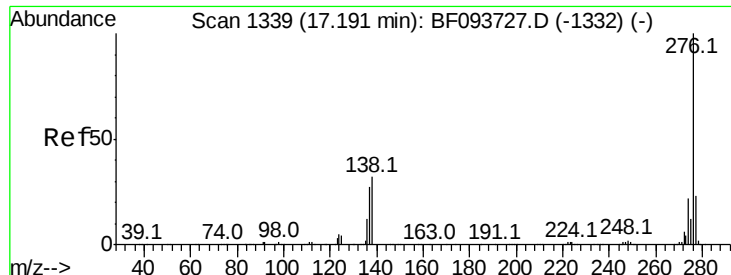


#90
Dibenzo(a,h)anthracene
Concen: 37.60 ng
RT: 16.80 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:278 Resp: 809266

Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.6	24.8
279	24.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 36.47 ng
 RT: 17.19 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	32.0	25.4	38.0

