

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093735.D
 Acq On : 18 Mar 2017 6:26
 Operator : SJ/MA
 Sample : PB97674BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97674BS

Quant Time: Mar 18 06:53:39 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	203073	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	825007	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	388214	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	672558	20.00	ng	0.00
75) Chrysene-d12	14.00	240	435357	20.00	ng	0.00
86) Perylene-d12	15.41	264	437674	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1660339	136.31	ng	0.02
7) Phenol-d6	6.48	99	1928250	127.73	ng	0.00
23) Nitrobenzene-d5	7.41	82	1260638	91.71	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	400333	157.57	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	2005000	97.46	ng	0.00
78) Terphenyl-d14	12.95	244	1615463	79.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	245689	39.06	ng	99
3) Pyridine	3.25	79	726405	42.23	ng	100
4) n-Nitrosodimethylamine	3.19	42	337786	44.87	ng	96
6) Aniline	6.50	93	408738	18.94	ng	# 84
8) 2-Chlorophenol	6.63	128	592476	43.75	ng	94
9) Benzaldehyde	6.39	77	285848	32.71	ng	99
10) Phenol	6.49	94	616377	34.92	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	555751	39.95	ng	98
12) 1,3-Dichlorobenzene	6.79	146	664498	44.29	ng	99
13) 1,4-Dichlorobenzene	6.87	146	677776	44.11	ng	99
14) 1,2-Dichlorobenzene	7.02	146	581783	40.49	ng	99
15) Benzyl Alcohol	6.98	79	541408	47.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	879476	40.10	ng	100
17) 2-Methylphenol	7.11	107	562372	47.97	ng	96
18) Hexachloroethane	7.36	117	236238	43.28	ng	# 75
19) n-Nitroso-di-n-propylamine	7.27	70	436873	43.58	ng	100
20) 3+4-Methylphenols	7.26	107	569020	40.94	ng	98
22) Acetophenone	7.26	105	774946	42.16	ng	# 99
24) Nitrobenzene	7.43	77	681601	45.87	ng	97
25) Isophorone	7.67	82	1196061	45.20	ng	98
26) 2-Nitrophenol	7.75	139	332689	59.13	ng	99
27) 2,4-Dimethylphenol	7.80	122	627173	48.71	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	773367	46.31	ng	100
29) 2,4-Dichlorophenol	7.99	162	542456	49.04	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	536937	46.57	ng	98
31) Naphthalene	8.15	128	1727899	42.96	ng	99
32) Benzoic acid	7.92	122	403505	50.47	ng	94
33) 4-Chloroaniline	8.20	127	146909	8.72	ng	97
34) Hexachlorobutadiene	8.29	225	270126	44.73	ng	99
35) Caprolactam	8.62	113	83499	22.49	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	581915	49.96	ng	88
37) 2-Methylnaphthalene	8.85	142	1200628	46.09	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	452638	49.80	ng	99
40) Hexachlorocyclopentadiene	9.01	237	441208	97.15	ng	99

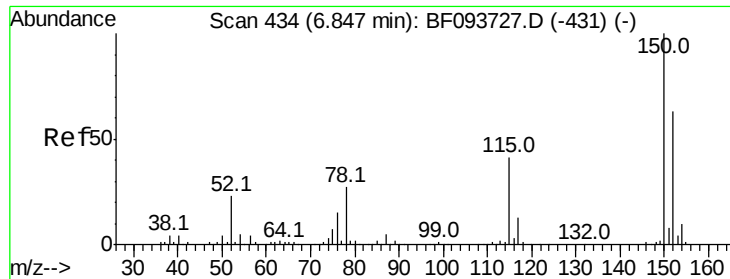
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	374569	55.88	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	347065	50.22	nq	# 85
45) 1,1'-Biphenyl	9.32	154	1424698	52.34	nq	98
46) 2-Chloronaphthalene	9.34	162	1099487	50.34	nq	100
47) 2-Nitroaniline	9.42	65	308651	48.84	nq	99
48) Acenaphthylene	9.75	152	1790703	50.27	nq	100
49) Dimethylphthalate	9.61	163	1202105	47.41	nq	100
50) 2,6-Dinitrotoluene	9.67	165	314680	57.45	nq	96
51) Acenaphthene	9.92	154	1171194	55.79	nq	99
52) 3-Nitroaniline	9.83	138	119412	18.38	nq	92
53) 2,4-Dinitrophenol	9.94	184	257052	97.47	nq	# 49
54) Dibenzofuran	10.09	168	1507176	52.82	nq	98
55) 4-Nitrophenol	10.00	139	598296	122.04	nq	86
56) 2,4-Dinitrotoluene	10.07	165	359416	49.30	nq	# 72
57) Fluorene	10.44	166	1126832	48.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	268539	56.51	nq	98
59) Diethylphthalate	10.32	149	1271420	52.68	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	443084	45.43	nq	99
61) 4-Nitroaniline	10.45	138	285363	47.19	nq	90
62) Azobenzene	10.58	77	1323497	54.27	nq	99
64) 4,6-Dinitro-2-methylphenol	10.48	198	187037	51.77	nq	# 46
65) n-Nitrosodiphenylamine	10.55	169	1095073	48.23	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	299256	47.07	nq	99
67) Hexachlorobenzene	10.98	284	321374	48.36	nq	96
68) Atrazine	11.08	200	350844	53.66	nq	96
69) Pentachlorophenol	11.17	266	362846	95.31	nq	99
70) Phenanthrene	11.38	178	1651112	43.42	nq	100
71) Anthracene	11.44	178	1645605	44.23	nq	100
72) Carbazole	11.59	167	1497622	38.45	nq	100
73) Di-n-butylphthalate	11.93	149	1763504	44.29	nq	100
74) Fluoranthene	12.57	202	1673089	45.40	nq	100
76) Benzidine	12.69	184	651206	38.28	nq	96
77) Pyrene	12.80	202	1755952	47.43	nq	100
79) Butylbenzylphthalate	13.43	149	862454	54.83	nq	94
80) Benzo(a)anthracene	13.98	228	1324249	47.39	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	206328	21.05	nq	97
82) Chrysene	14.03	228	1315911	48.73	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	883054	51.06	nq	100
84) Di-n-octyl phthalate	14.60	149	1814857	56.92	nq	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	1167638	51.05	nq	99
87) Benzo(b)fluoranthene	15.01	252	1212868	43.72	nq	99
88) Benzo(k)fluoranthene	15.01	252	1212868	49.47	nq	96
89) Benzo(a)pyrene	15.35	252	1123782	45.83	nq	98
90) Dibenzo(a,h)anthracene	16.80	278	976812	47.09	nq	97
91) Benzo(g,h,i)perylene	17.20	276	983448	46.62	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.00 min

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PB97674BS

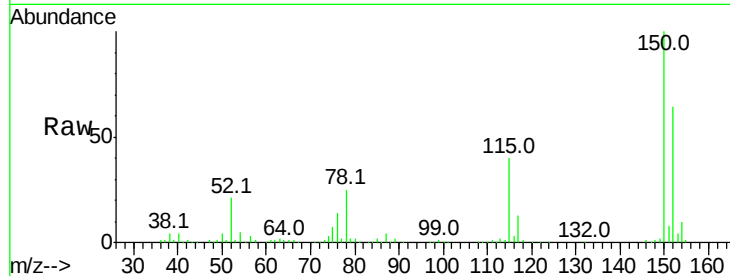
Tot Ion:152 Resp: 203073

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

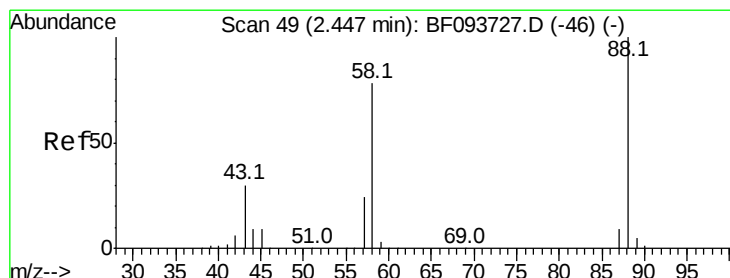
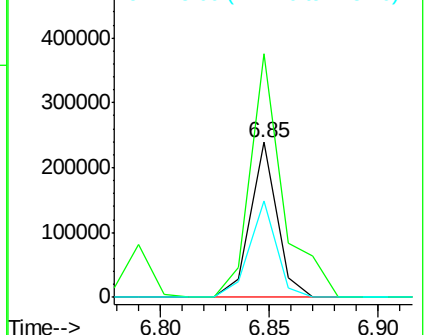
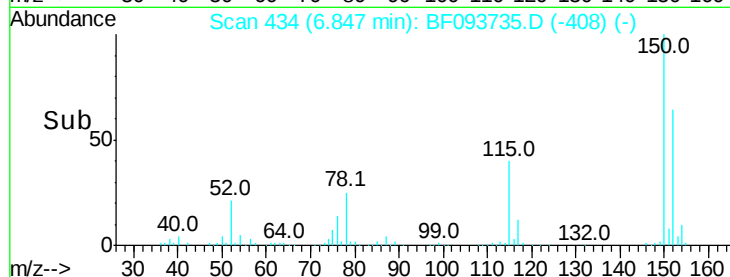
115 62.2 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.06 ng

RT: 2.54 min Scan# 57

Delta R.T. 0.09 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

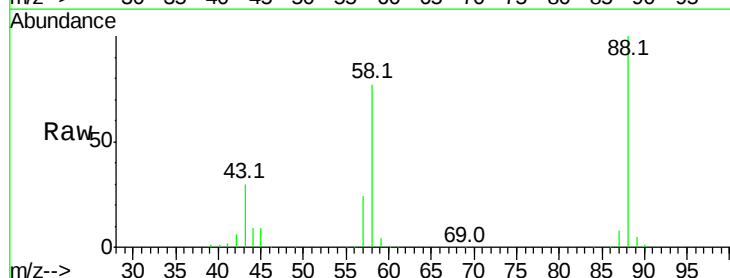
Tgt Ion: 88 Resp: 245689

Ion Ratio Lower Upper

88 100

58 75.7 61.4 92.0

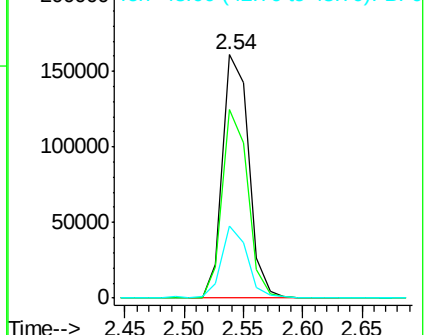
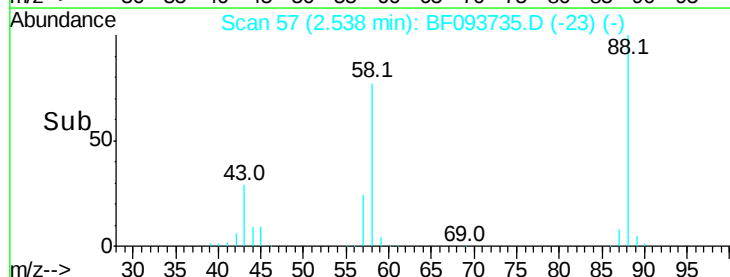
43 28.7 23.4 35.0

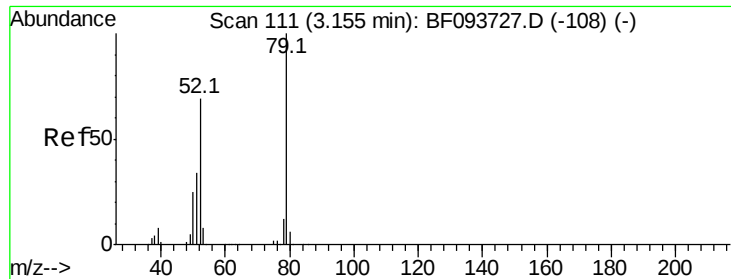


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

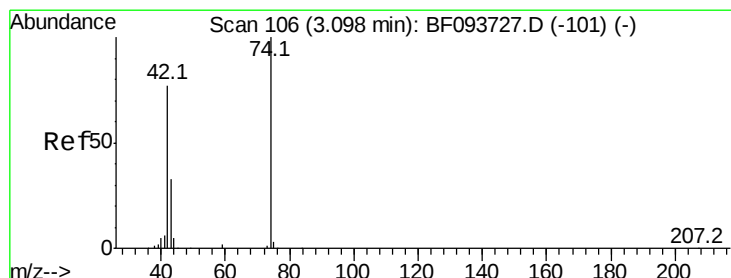
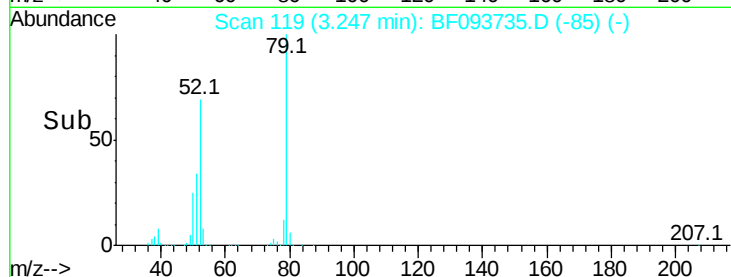
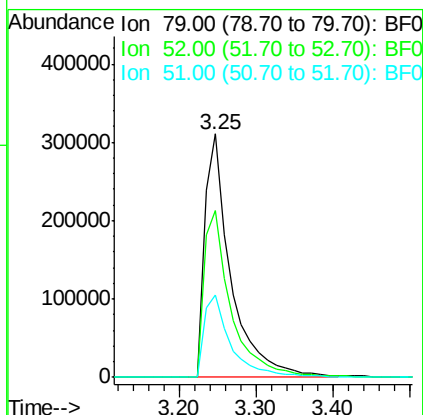
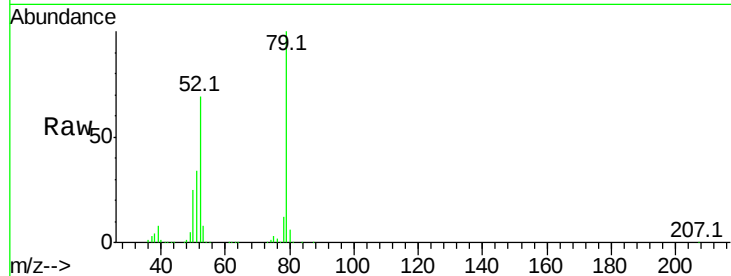




#3
 Pvridine
 Concen: 42.23 ng
 RT: 3.25 min Scan# 119
 Delta R.T. 0.09 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

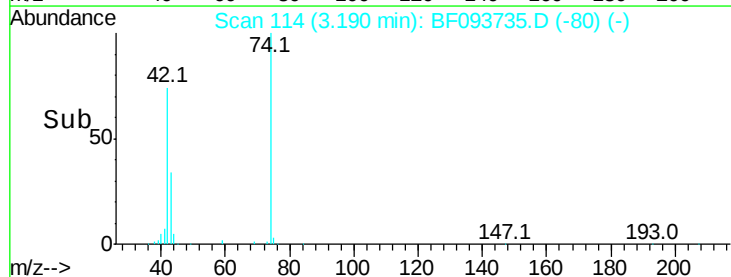
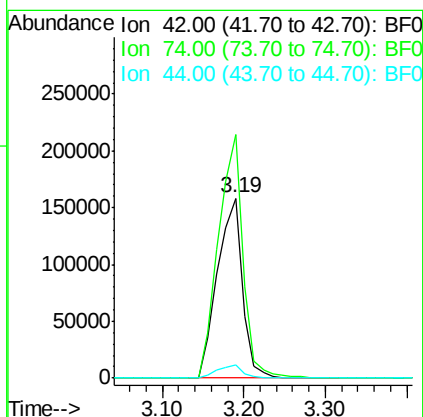
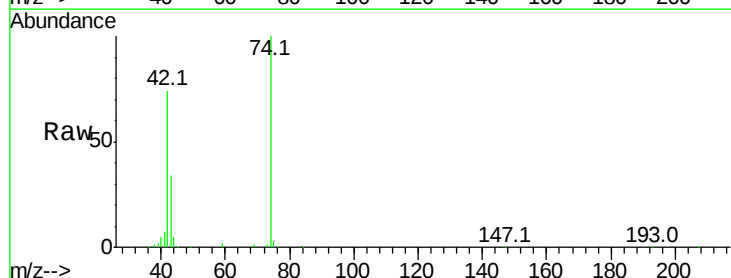
Instrument :
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 PB97674BS

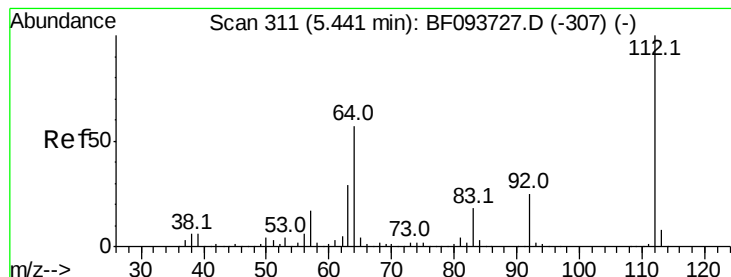
Tot Ion: 79 Resp: 726405
 Ion Ratio Lower Upper
 79 100
 52 68.7 54.8 82.2
 51 33.8 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 44.87 ng
 RT: 3.19 min Scan# 114
 Delta R.T. 0.09 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Tgt Ion: 42 Resp: 337786
 Ion Ratio Lower Upper
 42 100
 74 135.2 103.9 155.9
 44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 136.31 ng

RT: 5.46 min Scan# 313

Delta R.T. 0.02 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

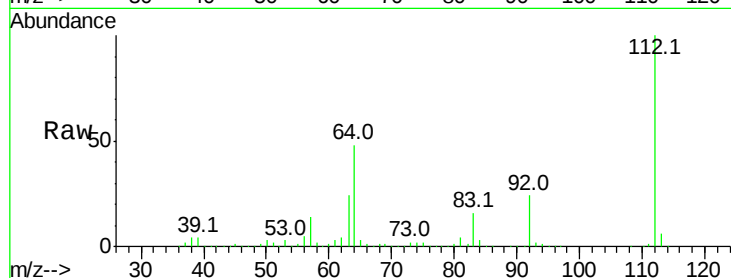
Tot Ion:112 Resp: 1660339

Ion Ratio Lower Upper

112 100

64 47.9 46.0 69.0

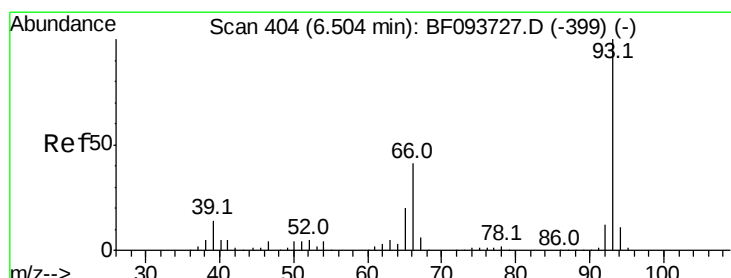
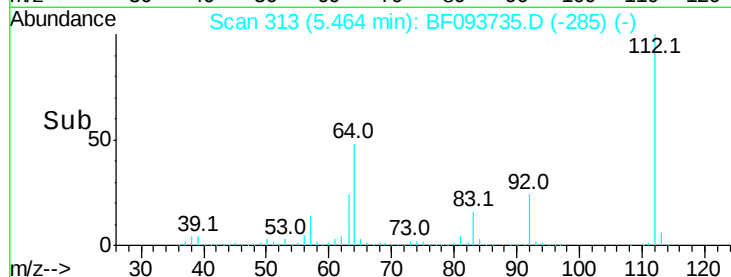
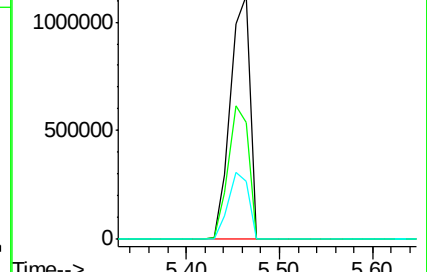
63 23.8 23.4 35.0



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: 18.94 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

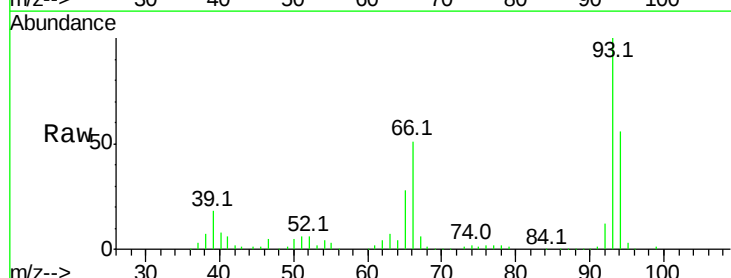
Tgt Ion: 93 Resp: 408738

Ion Ratio Lower Upper

93 100

66 50.5 32.9 49.3#

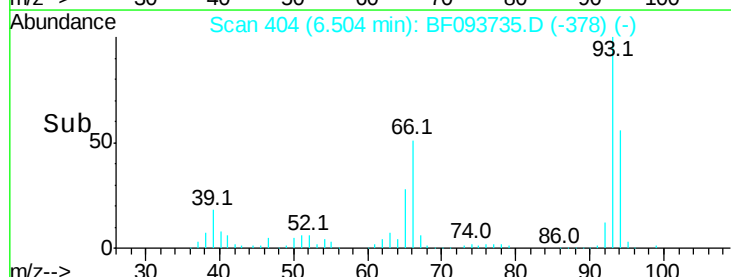
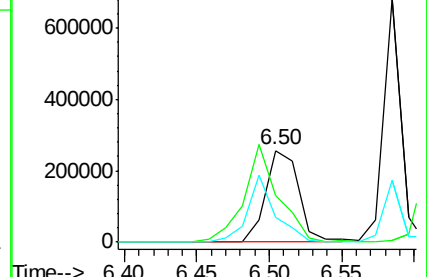
65 27.7 16.0 24.0#

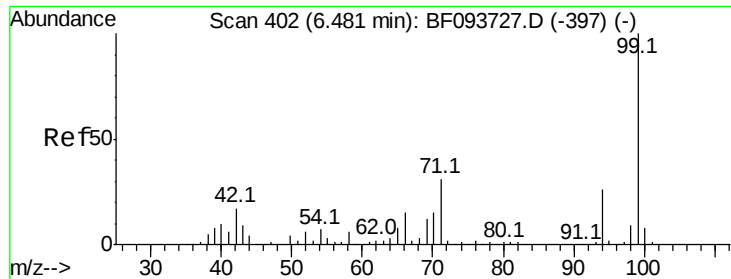


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.73 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

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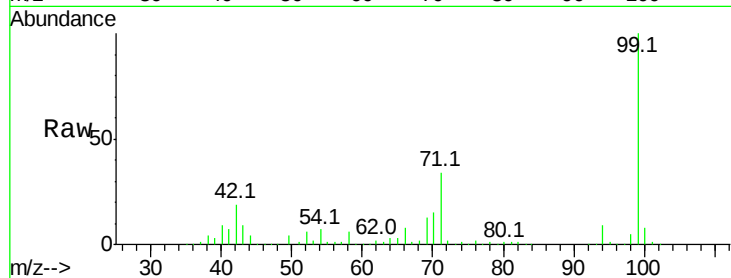
Tot Ion: 99 Resp: 1928250

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.5	20.3
71	33.8	24.5	36.7

99 100

42 19.3 13.5 20.3

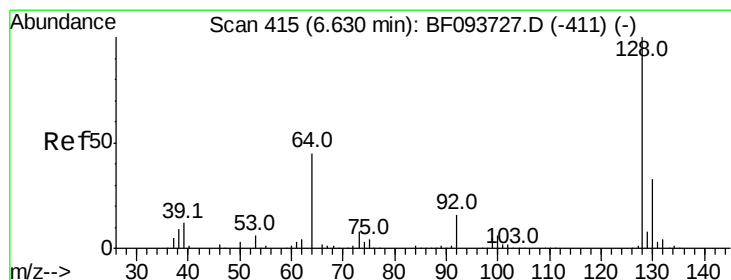
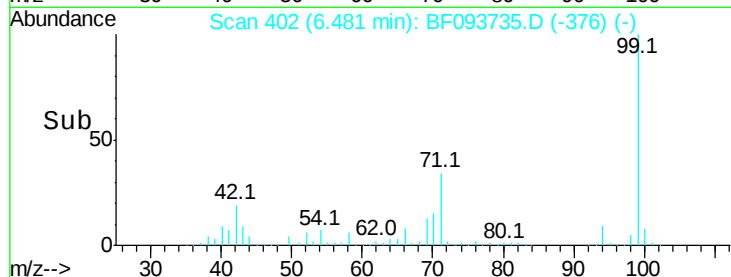
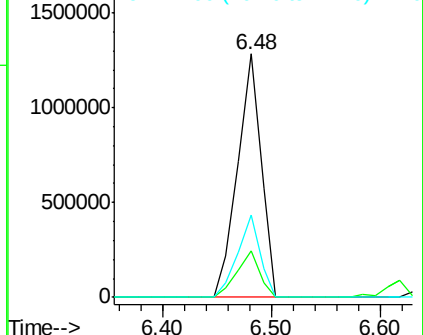
71 33.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.75 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

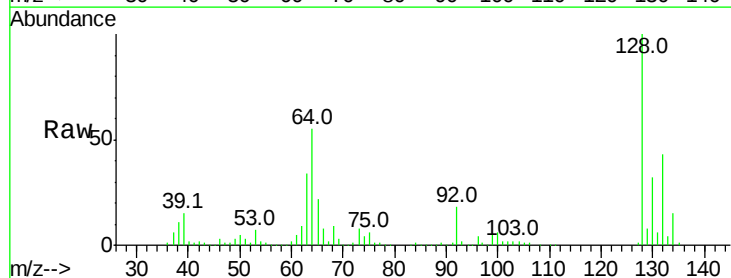
Tgt Ion: 128 Resp: 592476

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	55.2	28.4	68.4

128 100

130 32.5 12.9 52.9

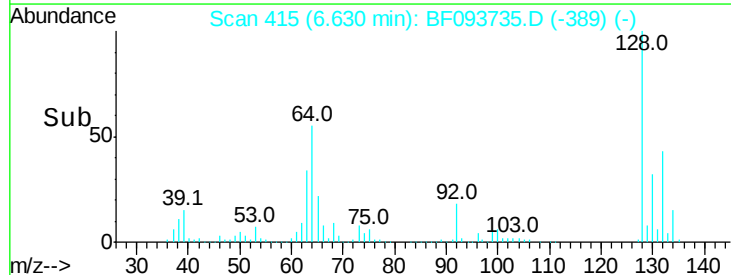
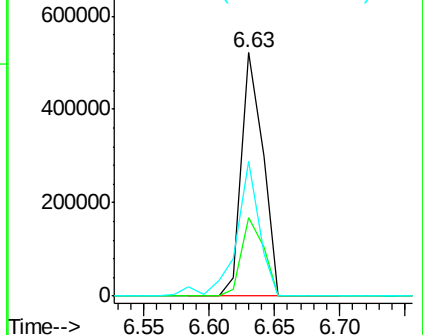
64 55.2 28.4 68.4

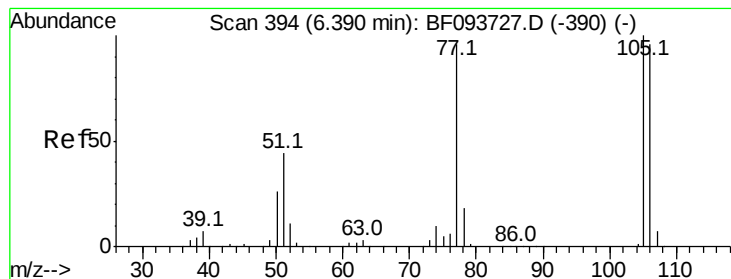


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.71 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

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BNA_F

ClientSampleId :

PB97674BS

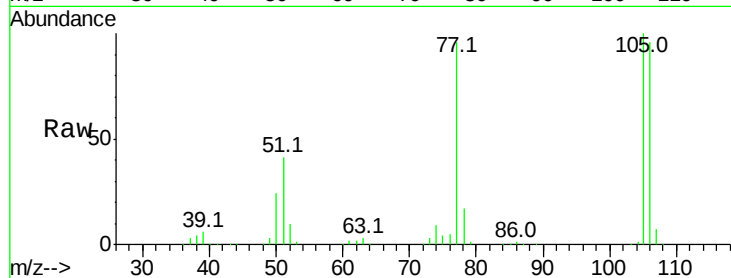
Tot Ion: 77 Resp: 285848

Ion Ratio Lower Upper

77 100

105 104.5 83.8 123.8

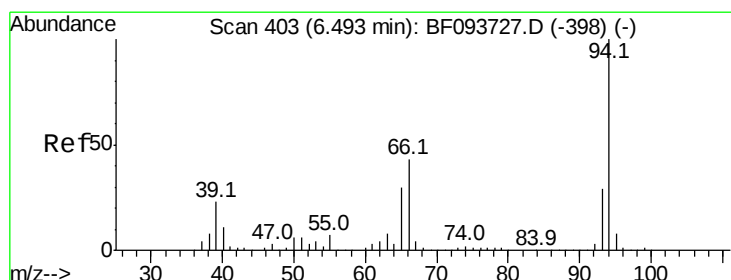
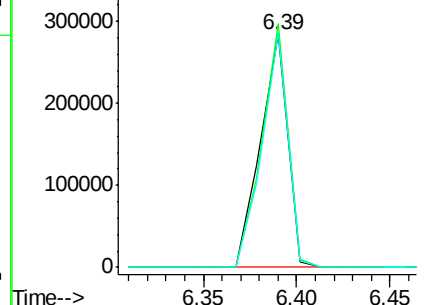
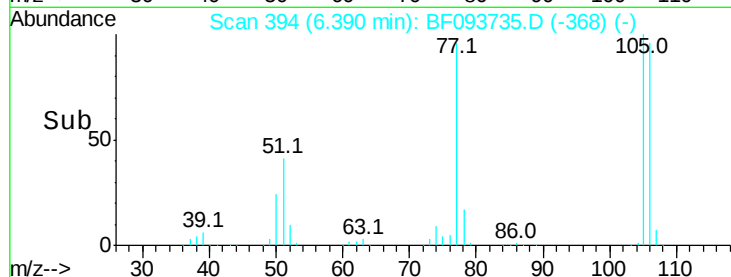
106 100.5 79.1 119.1



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: 34.92 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

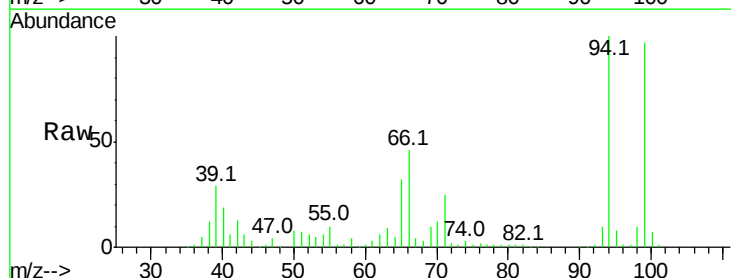
Tgt Ion: 94 Resp: 616377

Ion Ratio Lower Upper

94 100

65 31.7 9.9 49.9

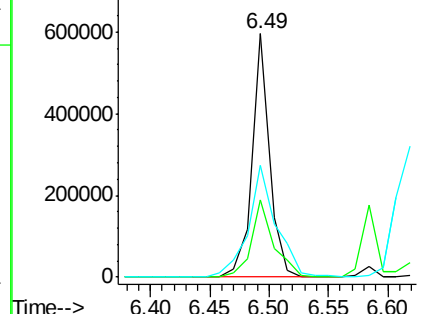
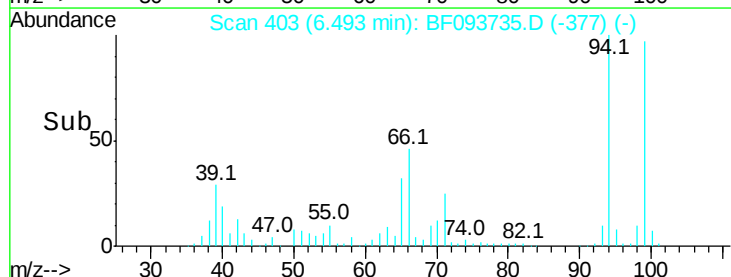
66 46.1 23.1 63.1

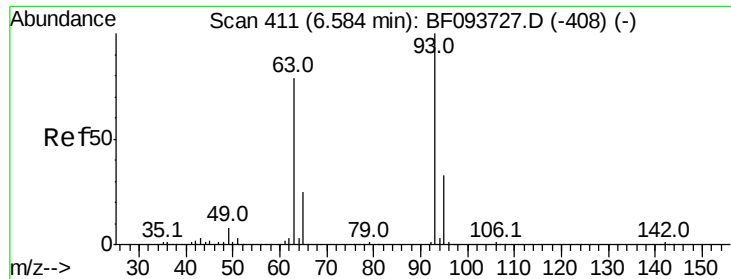


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

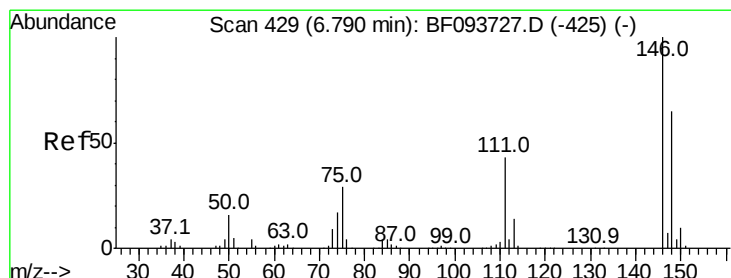
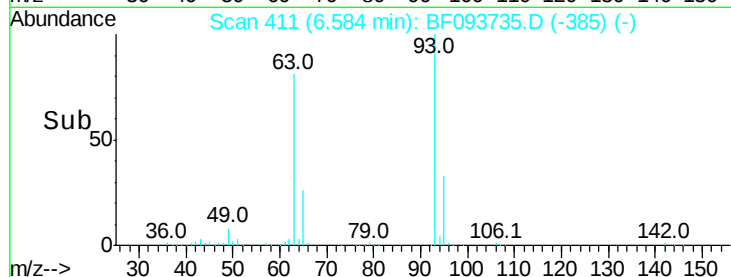
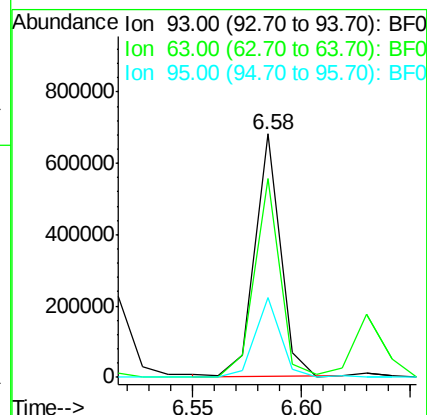
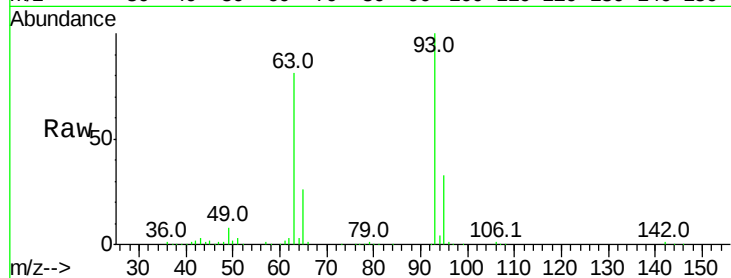




#11
bis(2-Chloroethyl)ether
Concen: 39.95 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

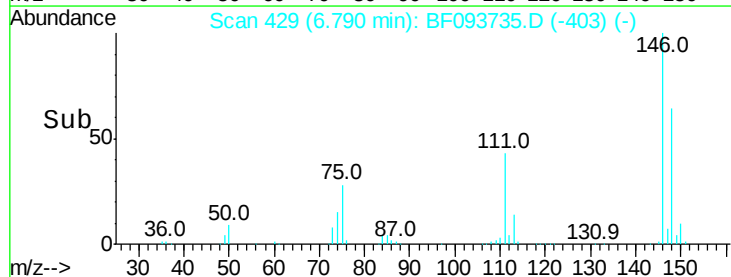
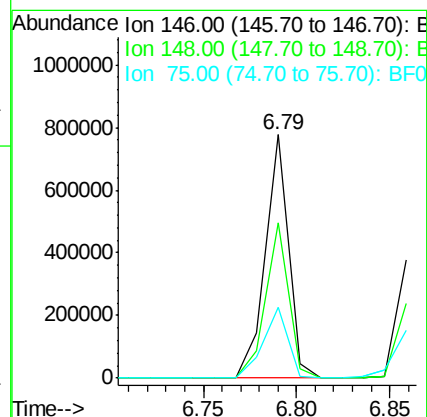
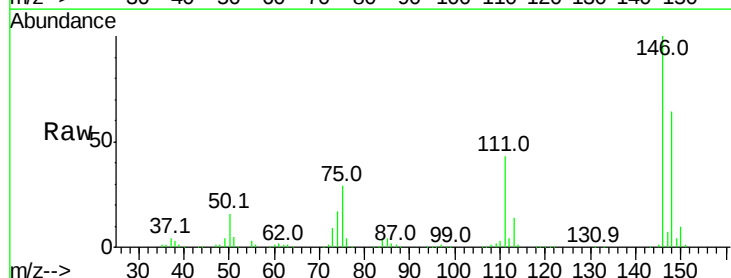
Instrument :
BNA_F
ClientSampleId :
PB97674BS

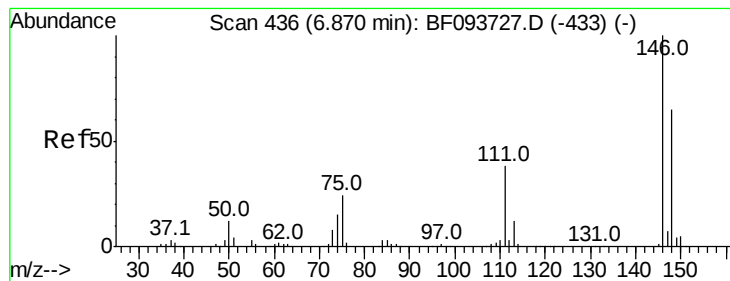
Tot Ion: 93 Resp: 555751
Ion Ratio Lower Upper
93 100
63 81.4 59.2 99.2
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.29 ng
RT: 6.79 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Tgt Ion: 146 Resp: 664498
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
75 29.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 44.11 ng

RT: 6.87 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

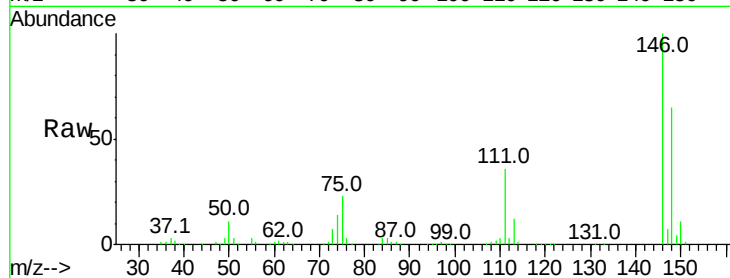
Tot Ion:146 Resp: 677776

Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.2

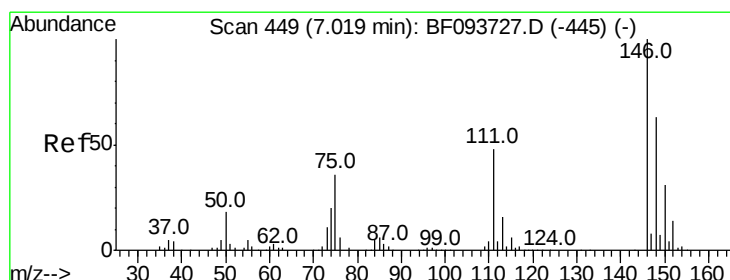
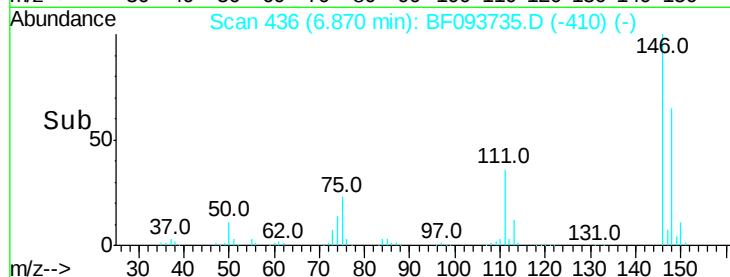
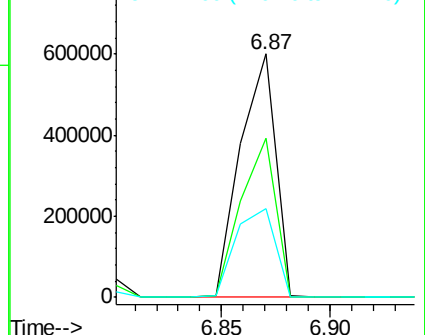
111 36.5 30.3 45.5



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: 40.49 ng

RT: 7.02 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

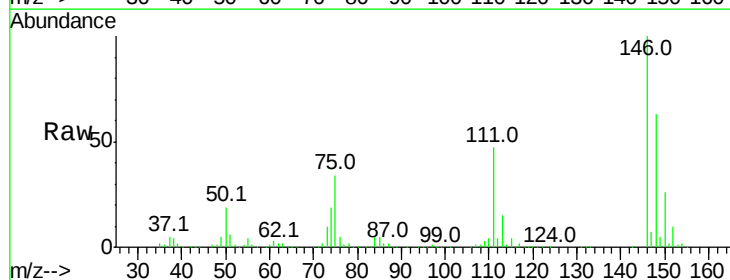
Tgt Ion:146 Resp: 581783

Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

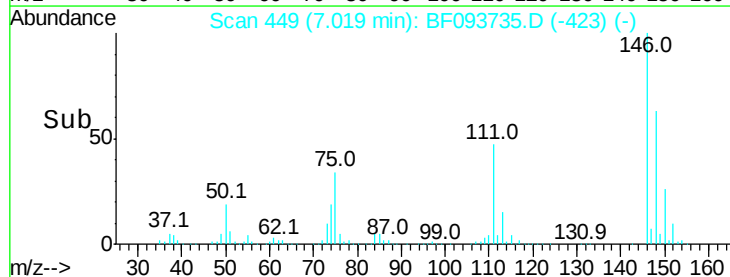
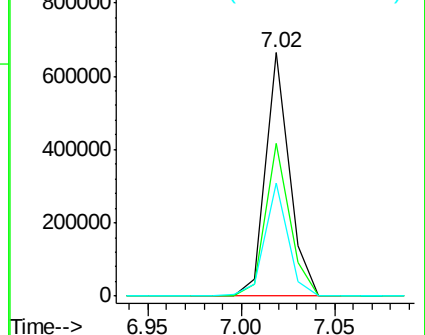
111 46.6 38.2 57.4

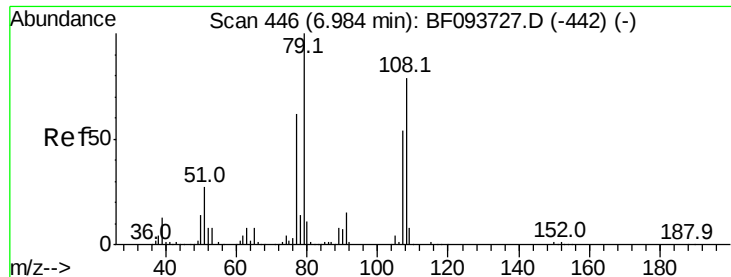


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.91 ng

RT: 6.98 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

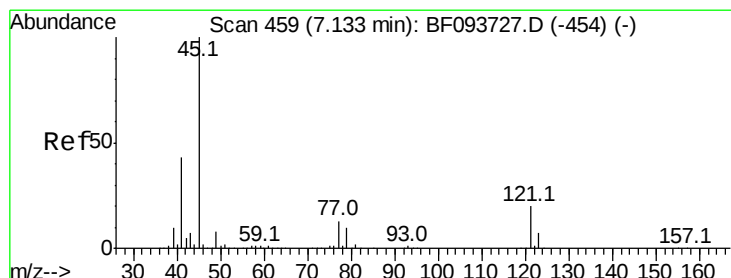
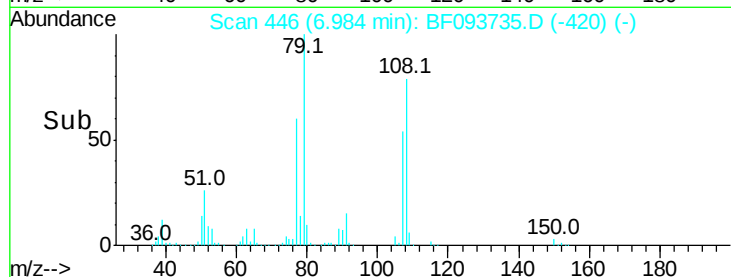
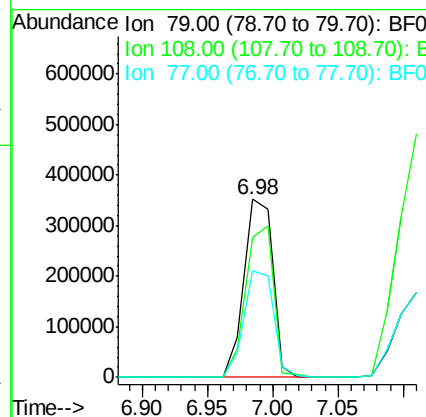
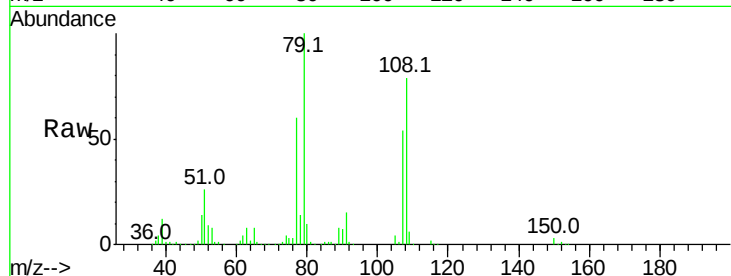
Tot Ion: 79 Resp: 541408

Ion Ratio Lower Upper

79 100

108 78.6 63.4 95.0

77 60.2 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.10 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

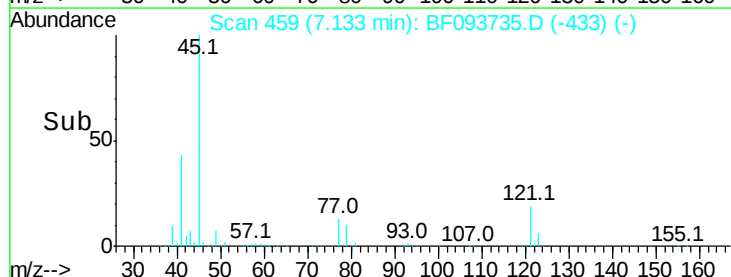
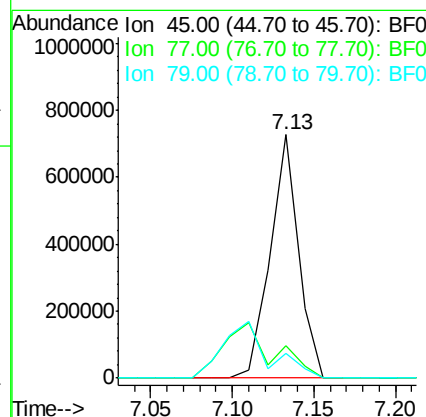
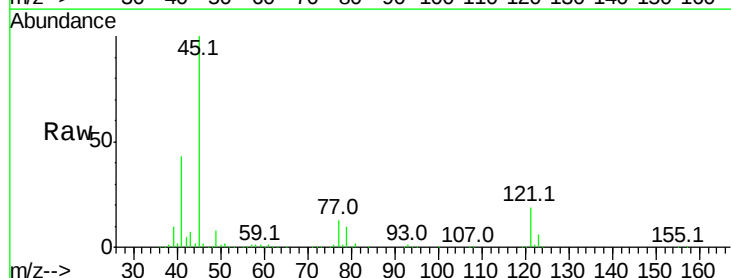
Tgt Ion: 45 Resp: 879476

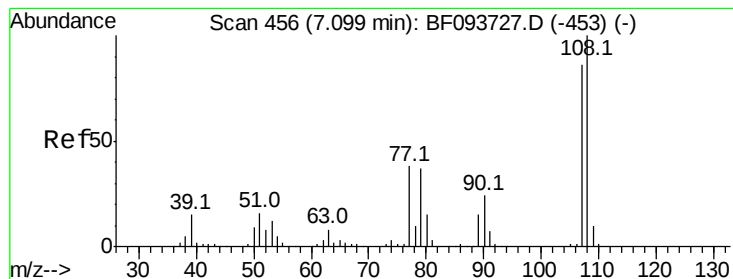
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.2

79 10.2 0.0 30.0

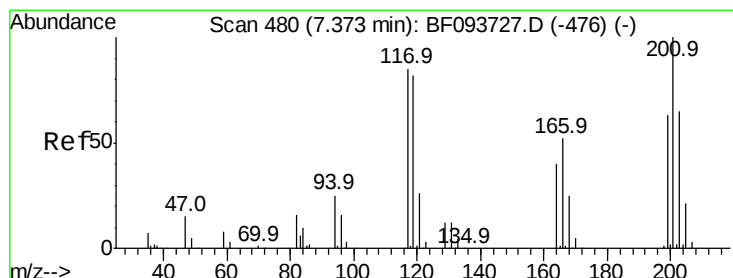
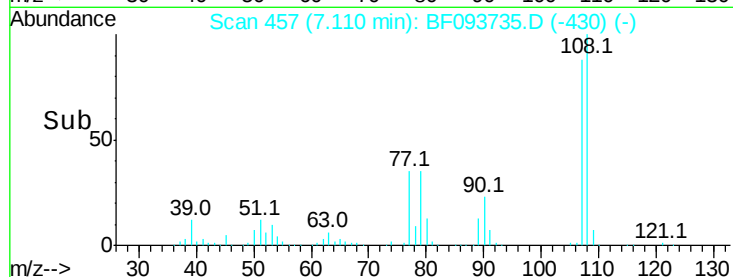
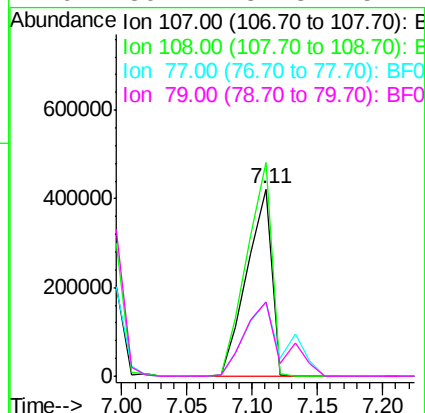
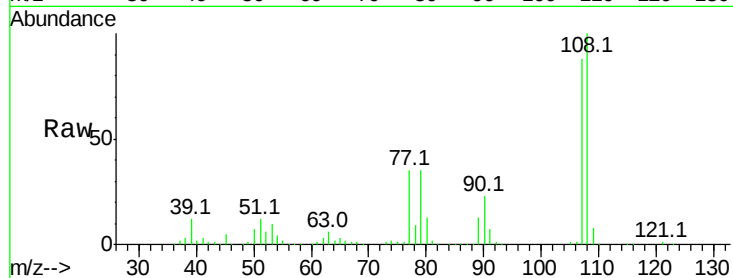




#17
 2-Methylphenol
 Concen: 47.97 ng
 RT: 7.11 min Scan# 457
 Delta R.T. 0.01 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

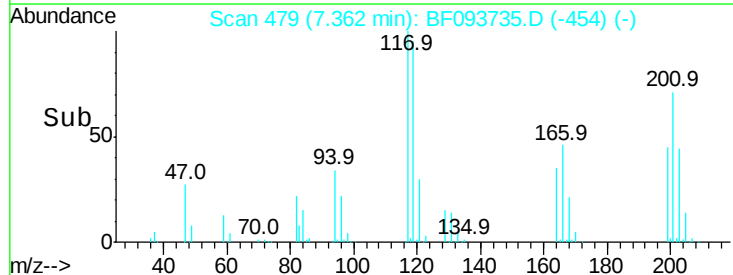
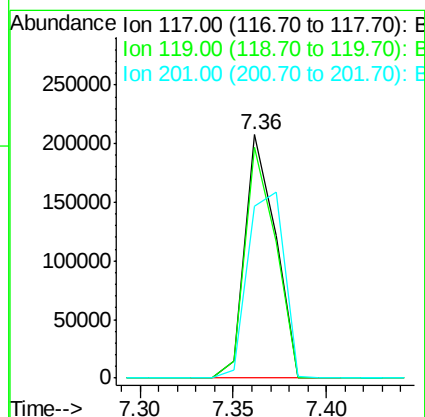
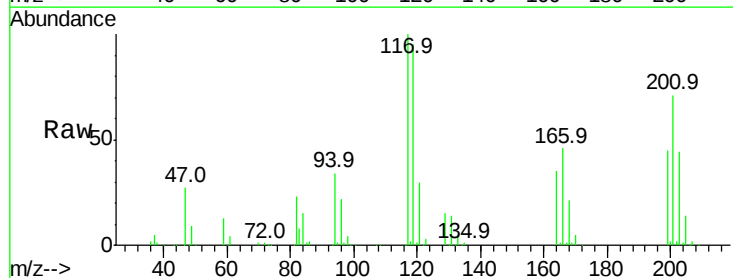
Instrument :
 BNA_F
 ClientSampleId :
 PB97674BS

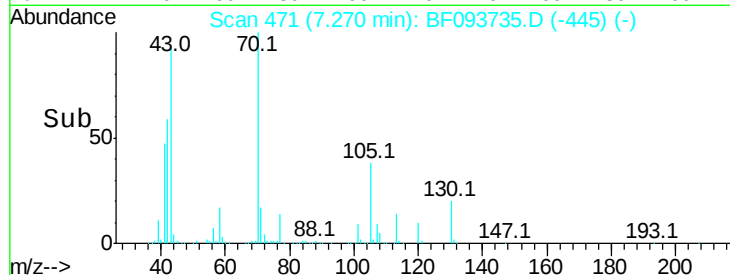
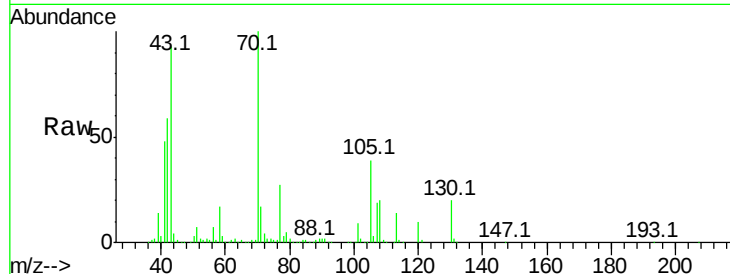
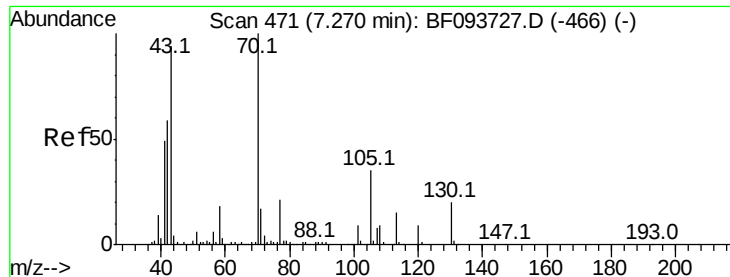
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	93.4	140.0
77	39.5	35.8	53.6
79	39.7	34.8	52.2



#18
 Hexachloroethane
 Concen: 43.28 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.0
201	70.6	94.6	141.8#

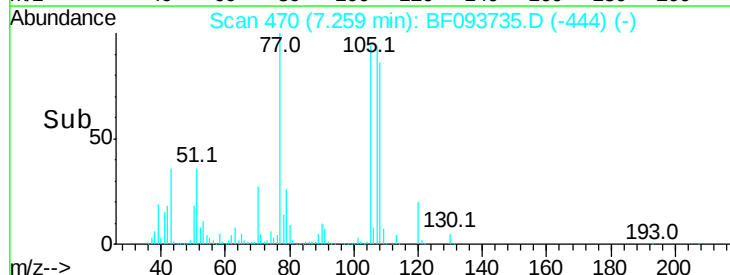
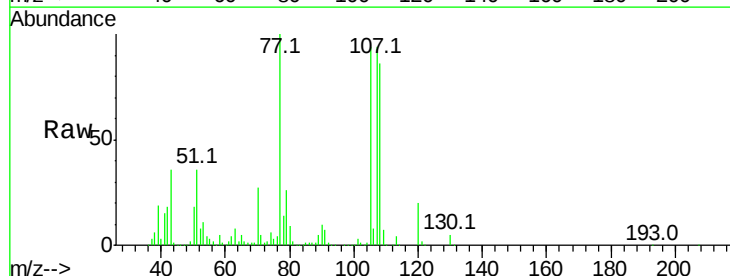
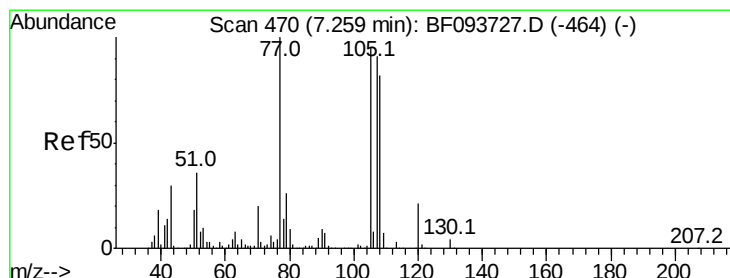
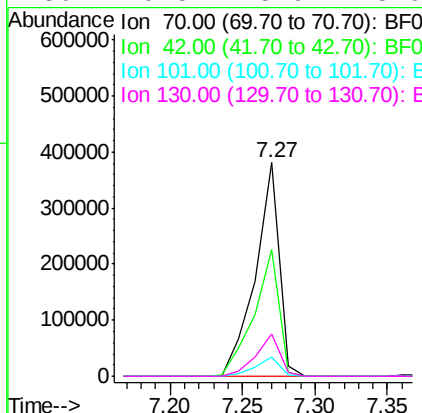




#19
n-Nitroso-di-n-propylamine
Concen: 43.58 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

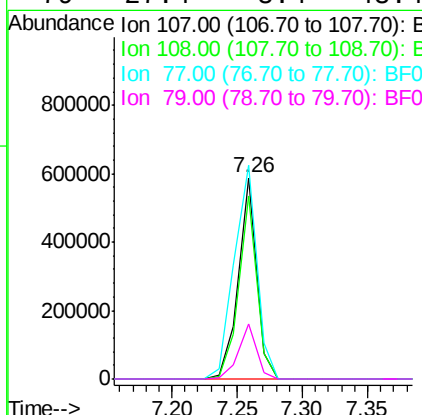
Instrument :
BNA_F
ClientSampleId :
PB97674BS

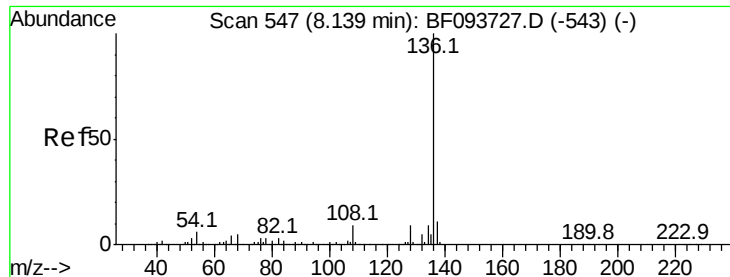
Tot Ion: 70 Resp: 436873
Ion Ratio Lower Upper
70 100
42 59.2 47.2 70.8
101 9.1 7.2 10.8
130 19.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 40.94 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Tgt Ion: 107 Resp: 569020
Ion Ratio Lower Upper
107 100
108 90.9 71.0 111.0
77 106.2 90.5 130.5
79 27.4 8.4 48.4

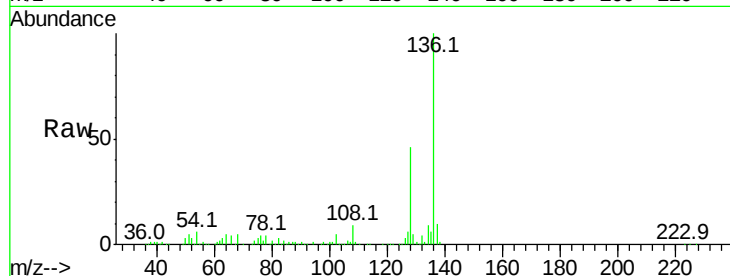




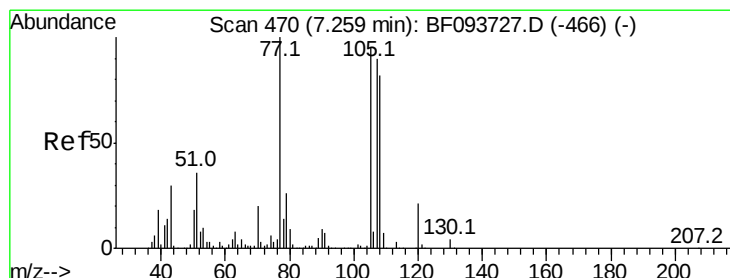
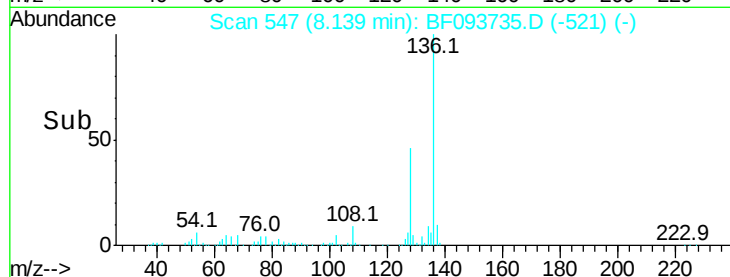
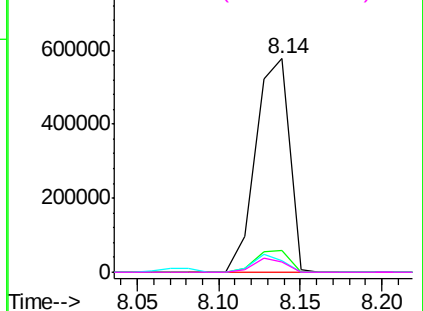
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Instrument :
BNA_F
ClientSampleId :
PB97674BS

Tot Ion:136	Resp:	825007
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.5 12.7
54	5.7	4.9 7.3
68	4.8	4.1 6.1

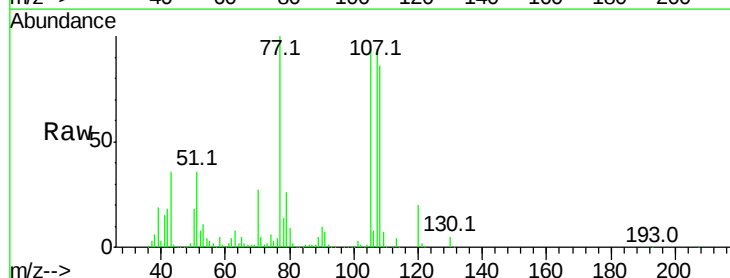


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

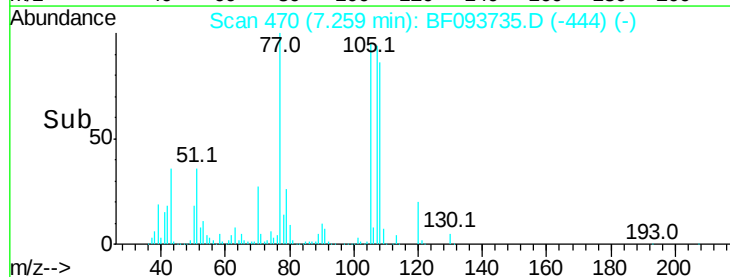
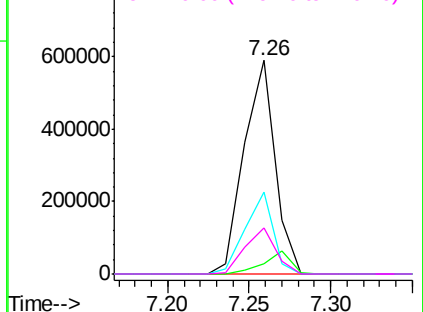


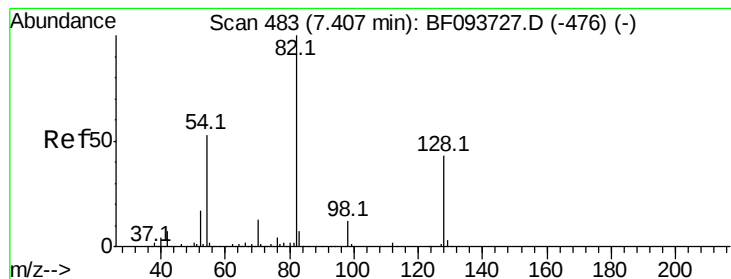
#22
Acetophenone
Concen: 42.16 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Tgt Ion:105	Resp:	774946
Ion Ratio	Lower	Upper
105	100	
71	4.8	2.8 4.2#
51	38.6	30.7 46.1
120	21.5	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: 91.71 ng

RT: 7.41 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampled :

PB97674BS

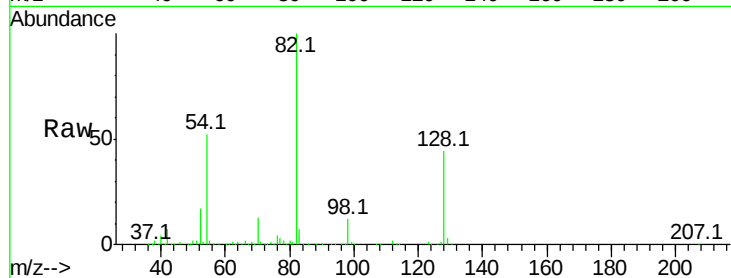
Tot Ion: 82 Resp: 1260638

Ion Ratio Lower Upper

82 100

128 43.8 34.0 51.0

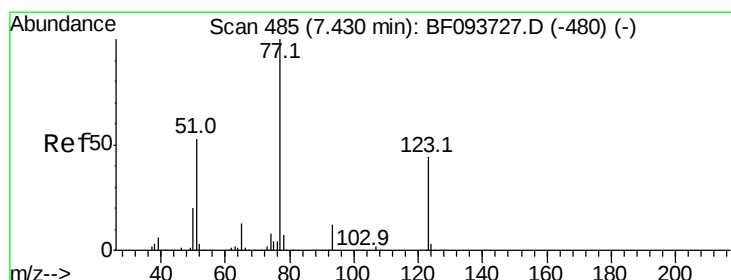
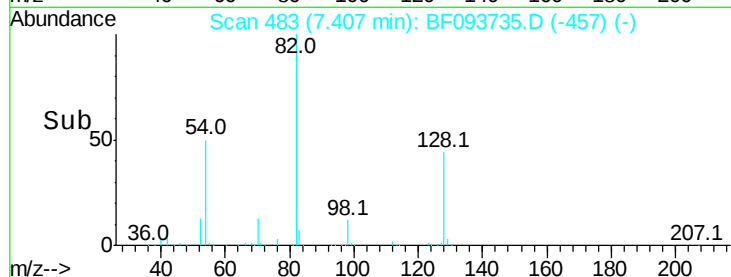
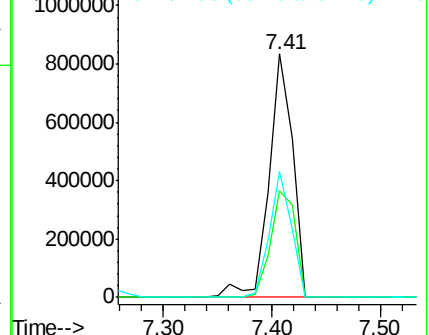
54 51.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 45.87 ng

RT: 7.43 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

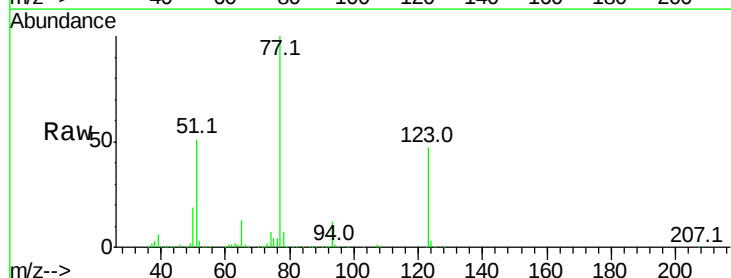
Tgt Ion: 77 Resp: 681601

Ion Ratio Lower Upper

77 100

123 47.0 35.8 53.8

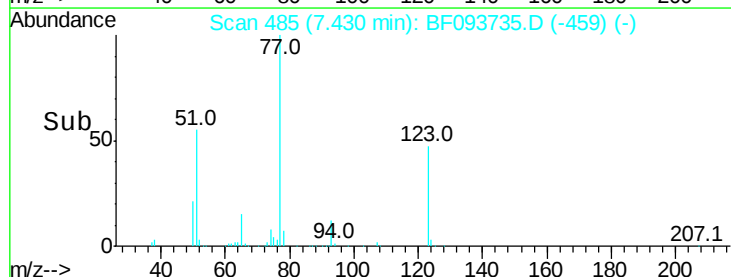
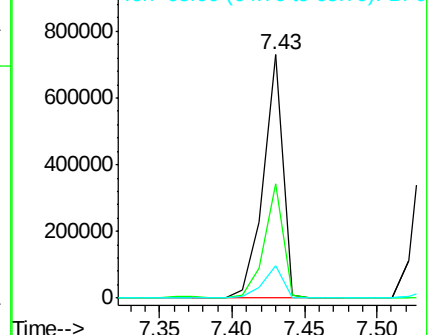
65 13.2 10.6 15.8

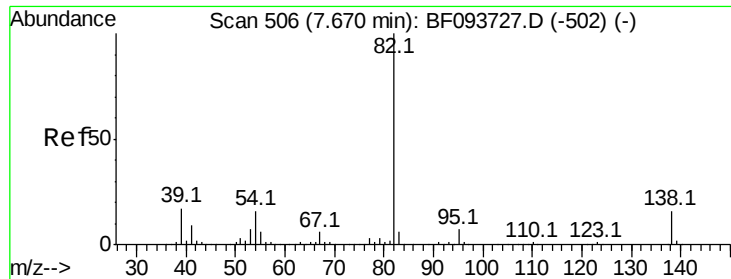


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.20 ng

RT: 7.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

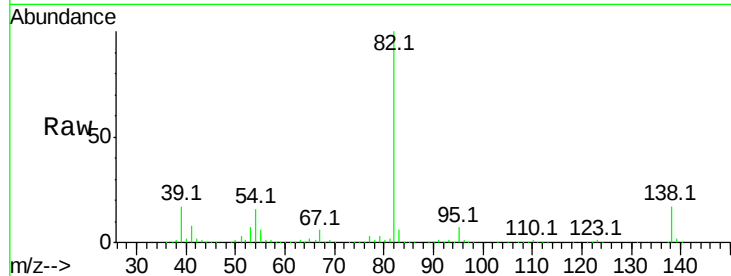
Tot Ion: 82 Resp: 1196061

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

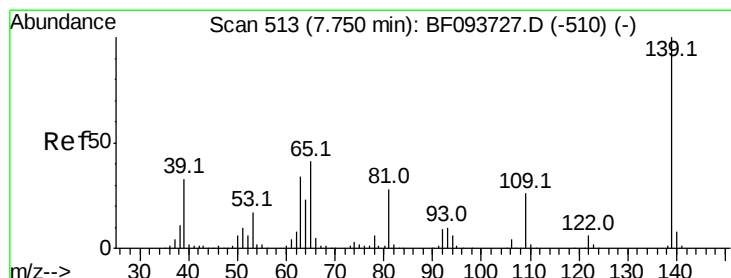
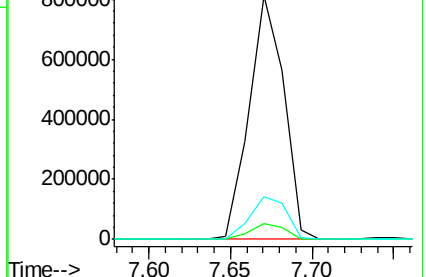
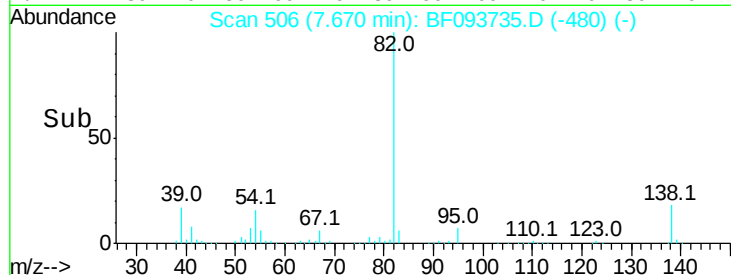
138 17.5 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 59.13 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

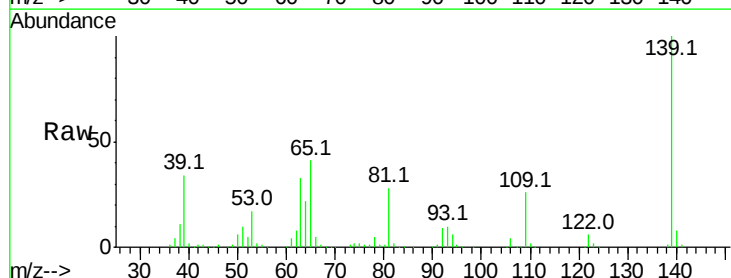
Tgt Ion: 139 Resp: 332689

Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

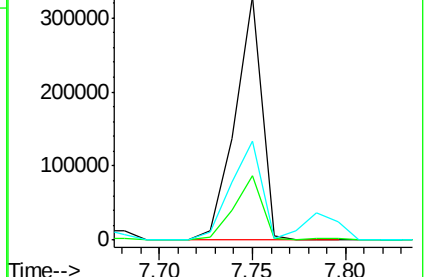
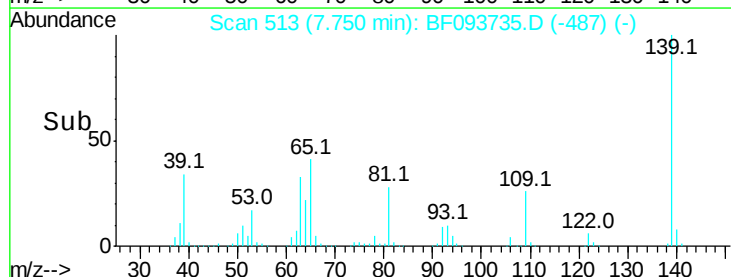
65 40.9 33.0 49.6

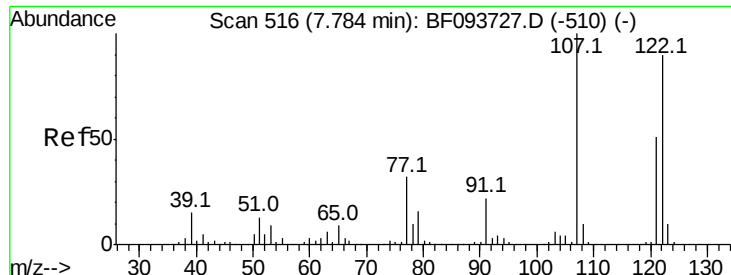


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

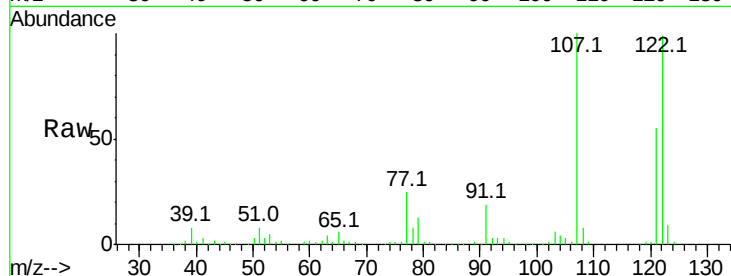




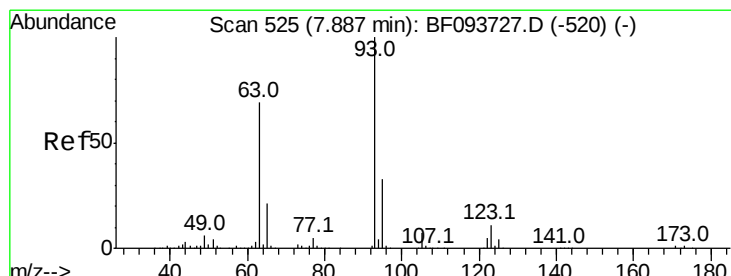
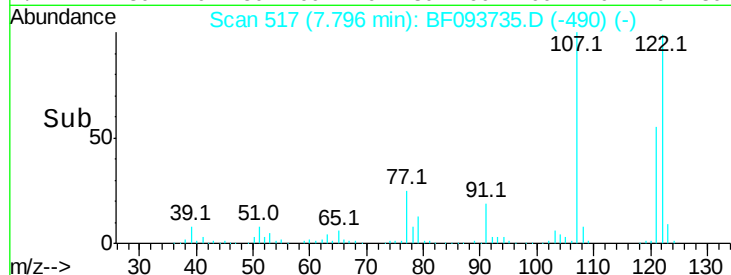
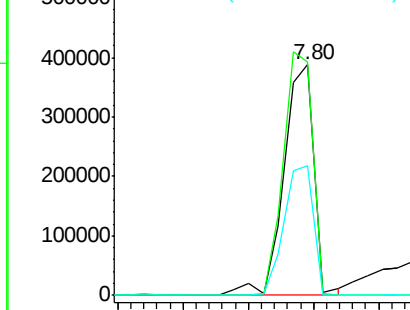
#27
 2,4-Dimethylphenol
 Concen: 48.71 ng
 RT: 7.80 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB97674BS

Tot Ion:122 Resp: 627173
 Ion Ratio Lower Upper
 122 100
 107 101.5 89.2 133.8
 121 56.3 45.2 67.8

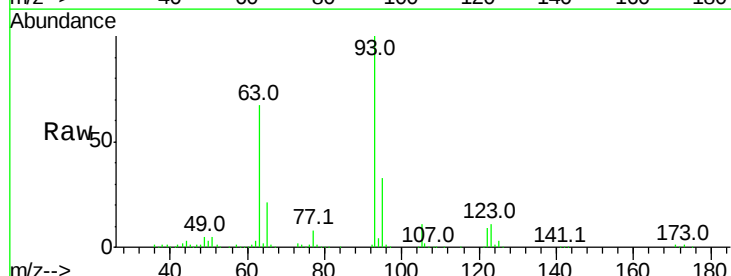


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

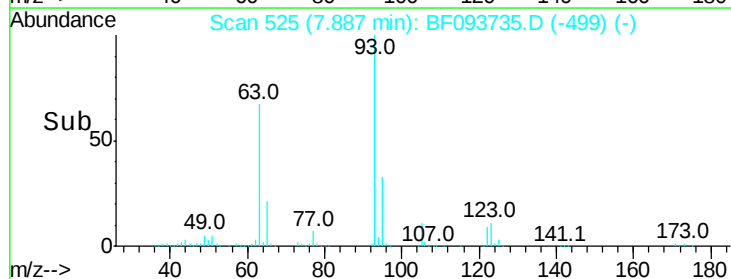
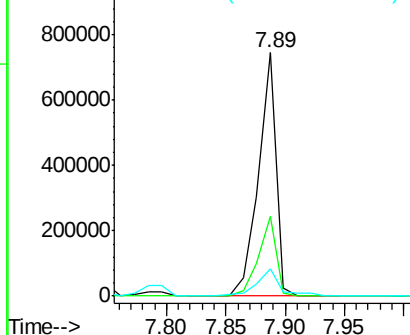


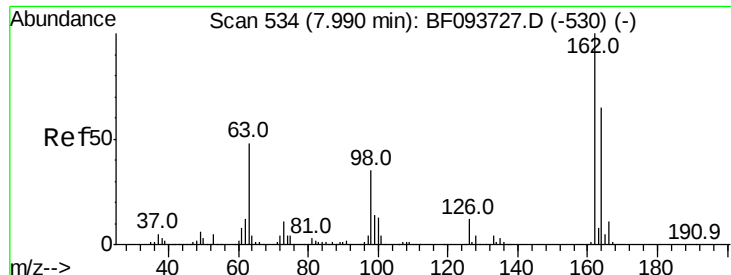
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.31 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Tgt Ion: 93 Resp: 773367
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 11.3 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: 49.04 ng

RT: 7.99 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

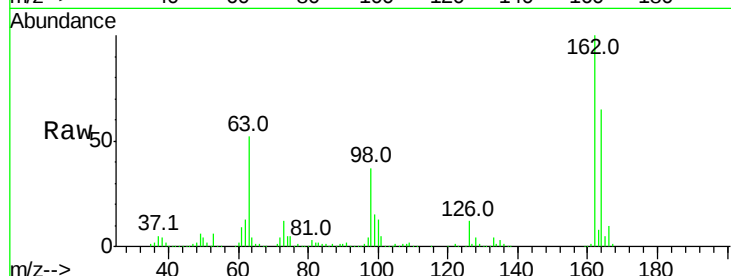
Tot Ion:162 Resp: 542456

Ion Ratio Lower Upper

162 100

164 64.7 44.6 84.6

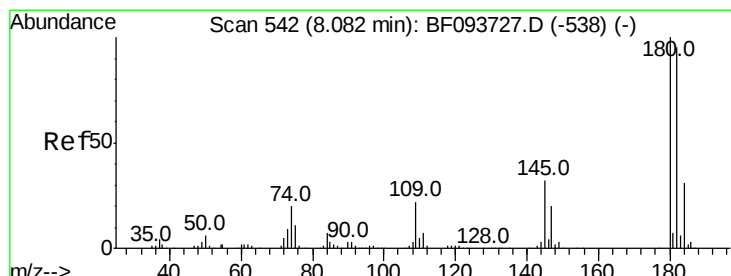
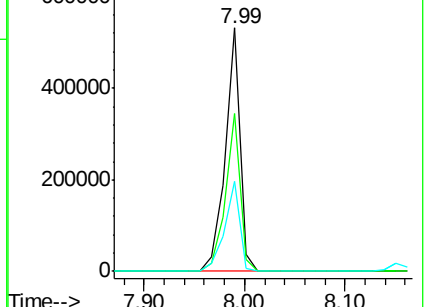
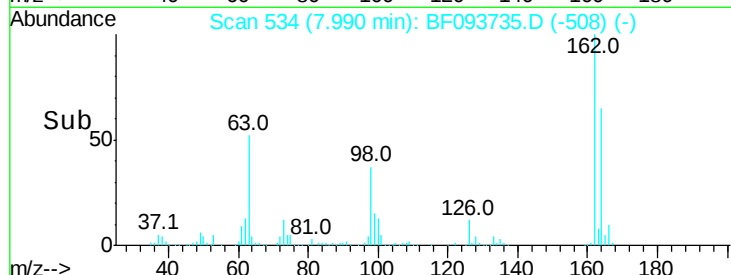
98 37.1 14.8 54.8



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: 46.57 ng

RT: 8.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

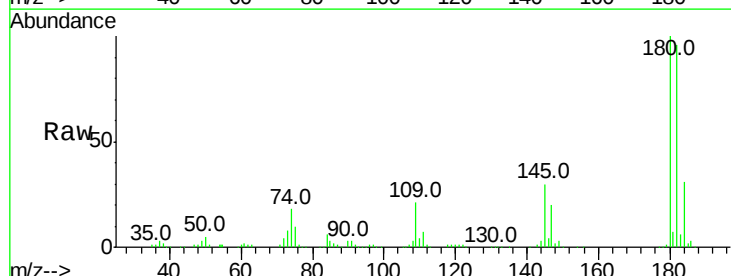
Tgt Ion:180 Resp: 536937

Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.6

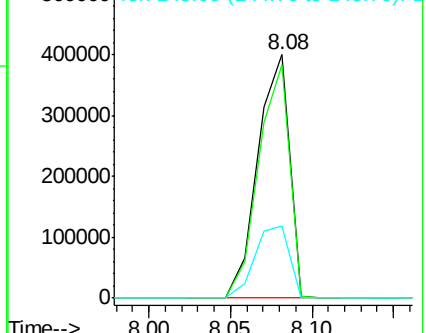
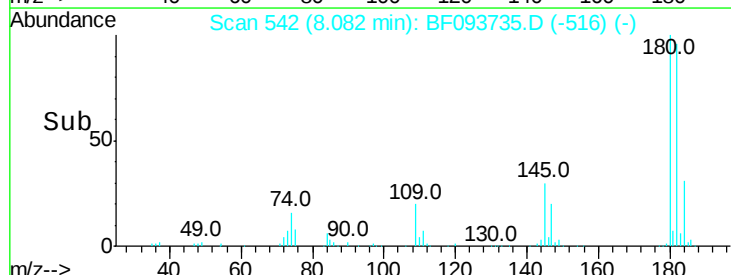
145 29.7 25.3 37.9

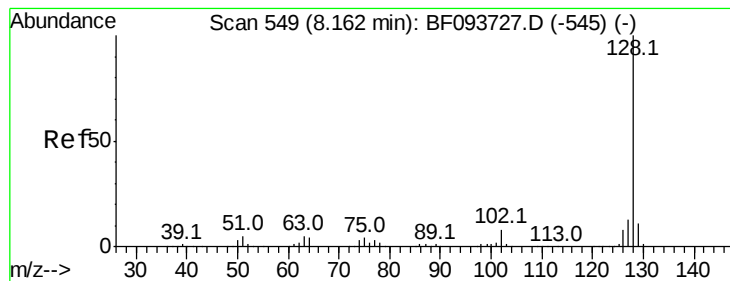


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.96 ng

RT: 8.15 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

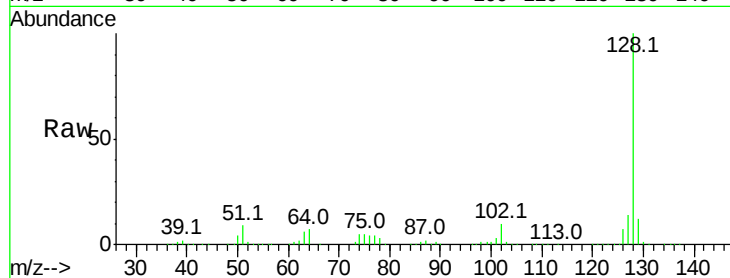
Tot Ion:128 Resp: 1727899

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

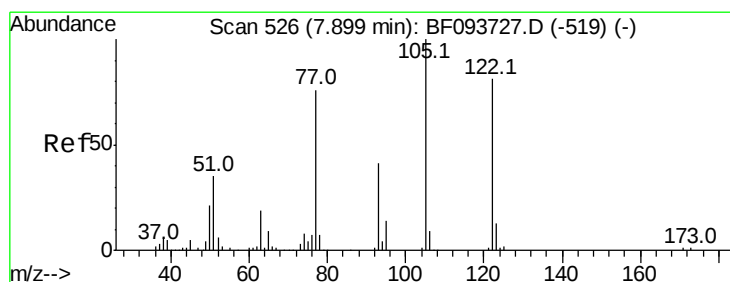
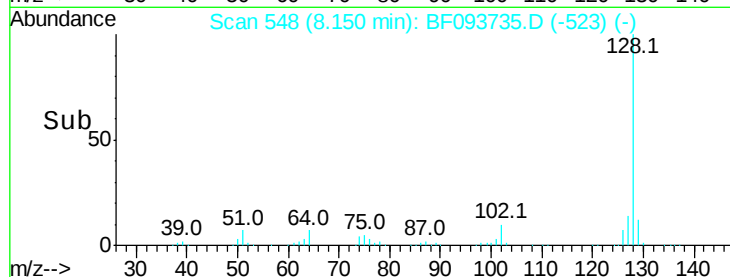
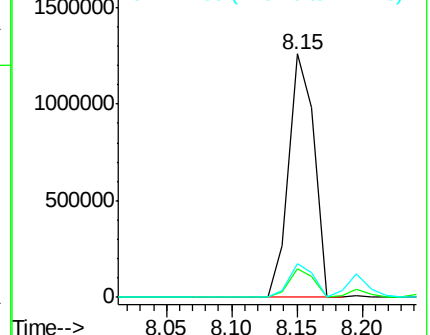
127 13.7 10.8 16.2



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: 50.47 ng

RT: 7.92 min Scan# 528

Delta R.T. 0.02 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

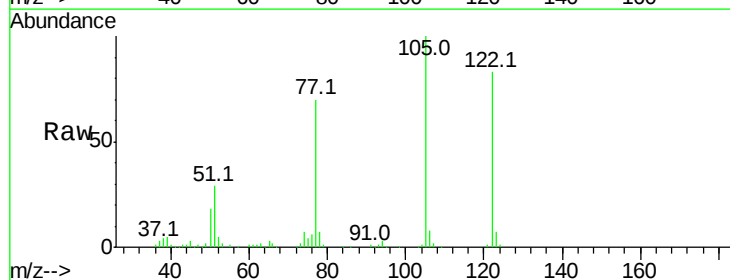
Tgt Ion:122 Resp: 403505

Ion Ratio Lower Upper

122 100

105 120.4 103.3 143.3

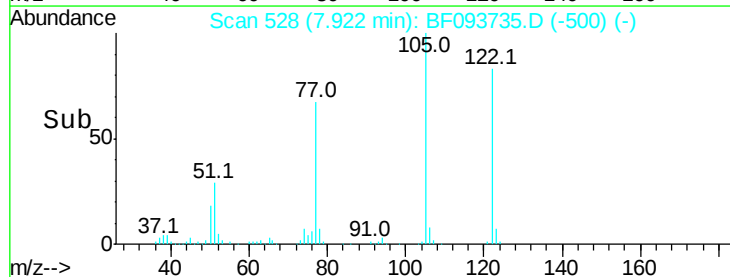
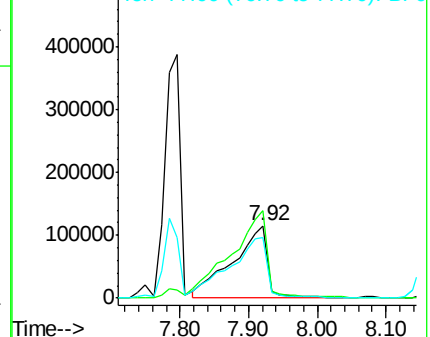
77 84.4 73.7 113.7

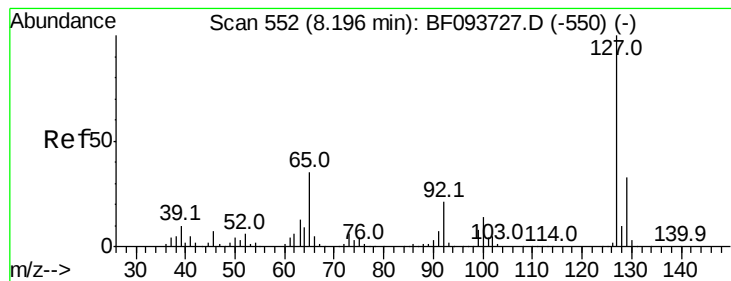


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 8.72 ng

RT: 8.20 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

Tot Ion:127 Resp: 146909

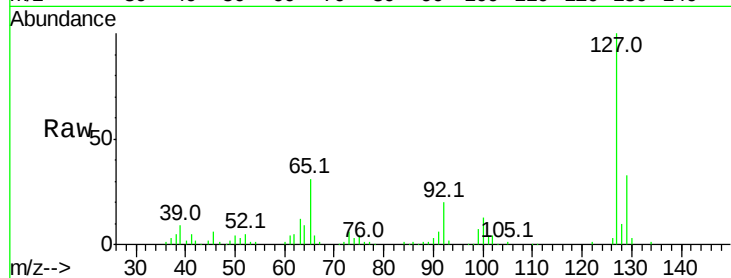
Ion Ratio Lower Upper

127 100

129 32.7 26.2 39.2

65 31.1 27.8 41.8

92 20.0 16.8 25.2

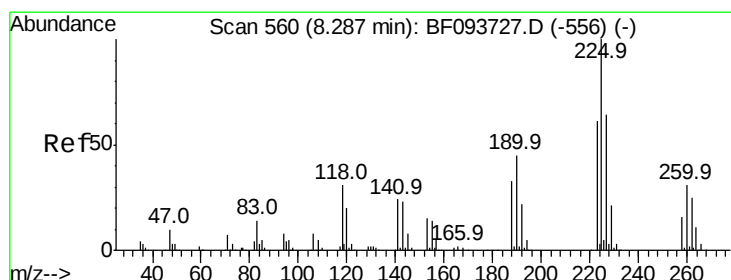
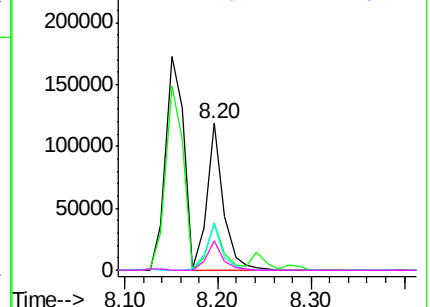
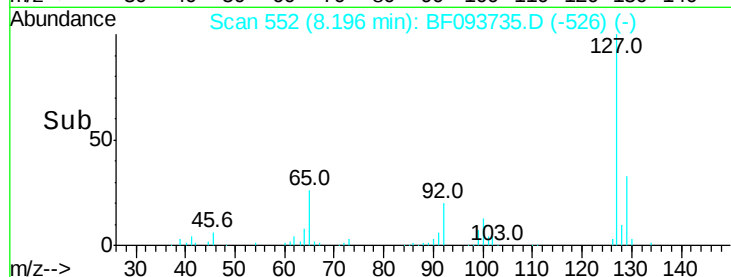


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.73 ng

RT: 8.29 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

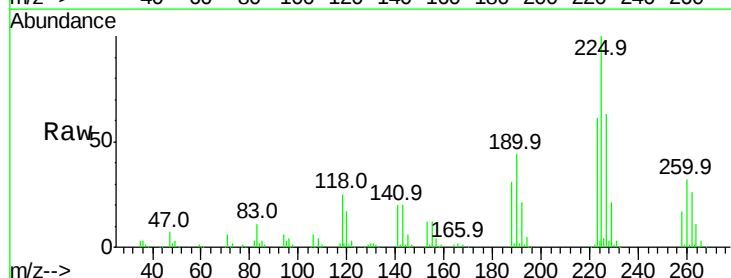
Tgt Ion:225 Resp: 270126

Ion Ratio Lower Upper

225 100

223 60.8 48.8 73.2

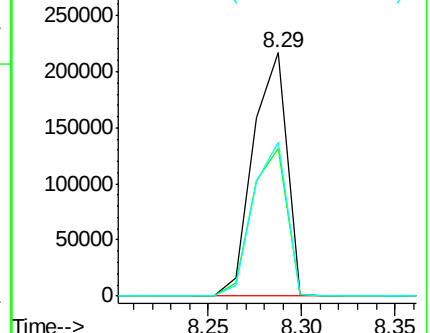
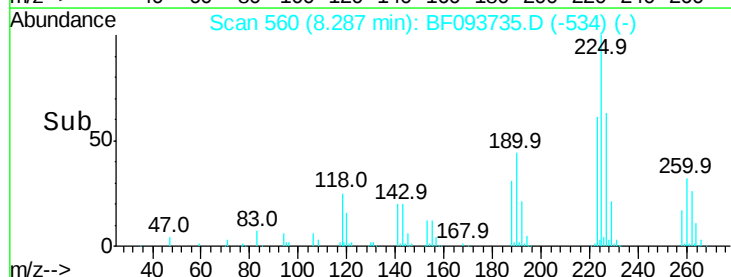
227 63.2 51.1 76.7

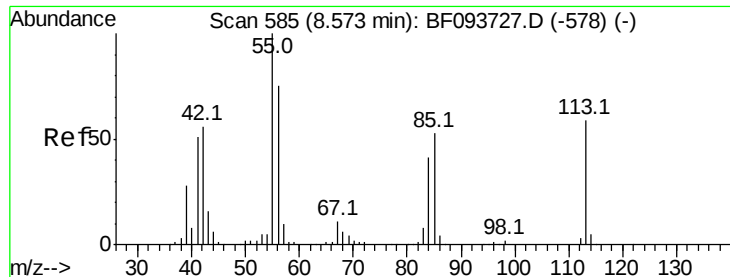


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.49 ng

RT: 8.62 min Scan# 589

Delta R.T. 0.05 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

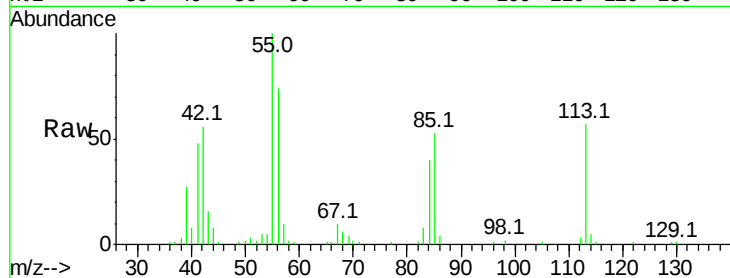
Tot Ion:113 Resp: 83499

Ion Ratio Lower Upper

113 100

55 176.4 150.2 190.2

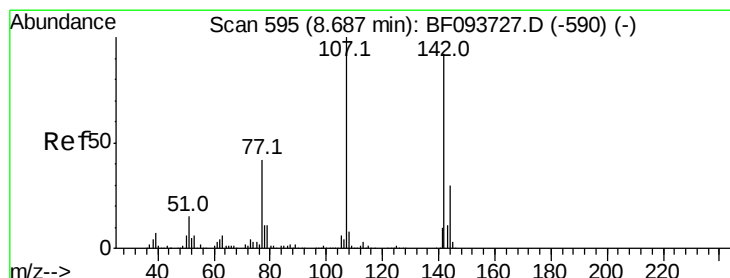
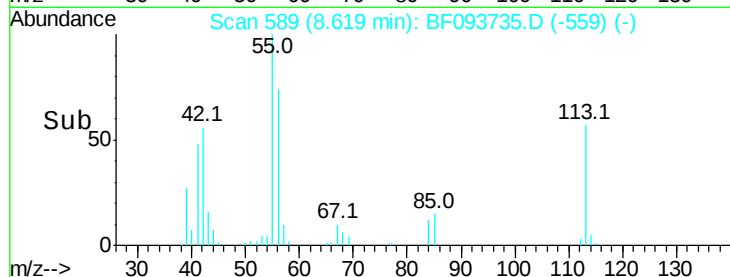
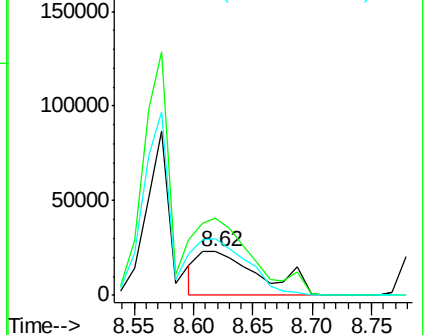
56 130.0 107.8 147.8



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: 49.96 ng

RT: 8.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

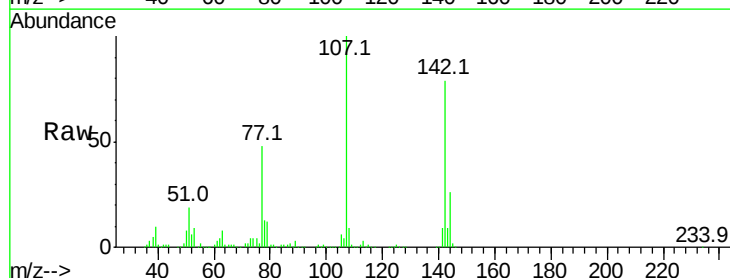
Tgt Ion:107 Resp: 581915

Ion Ratio Lower Upper

107 100

144 25.6 24.2 36.4

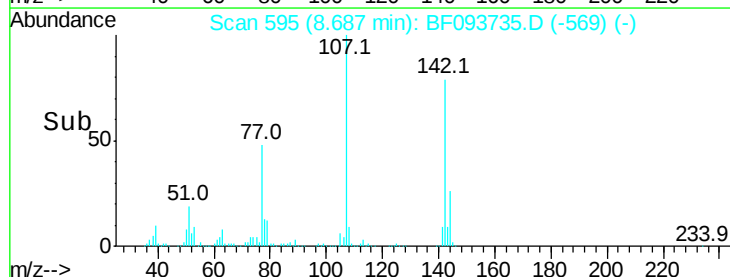
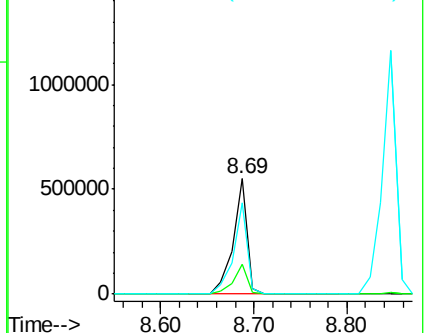
142 79.5 73.4 110.0

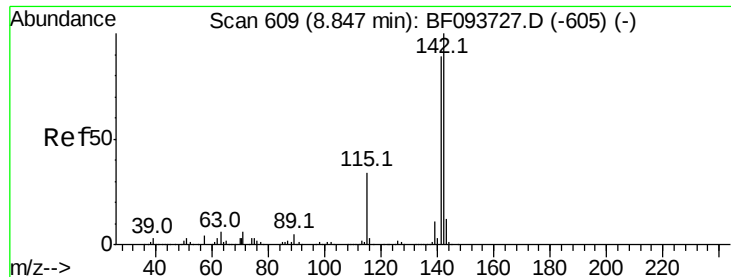


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

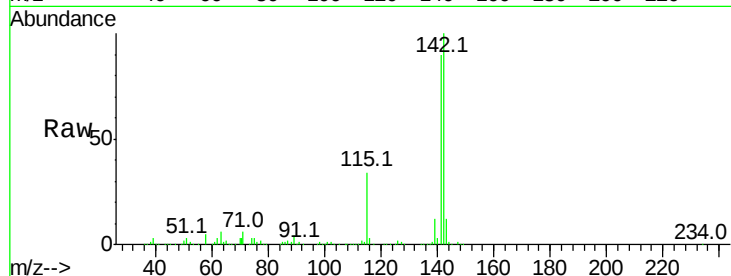




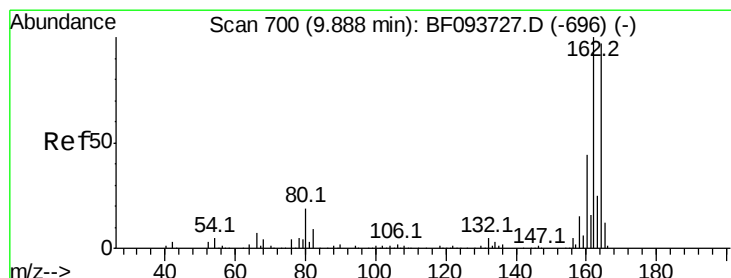
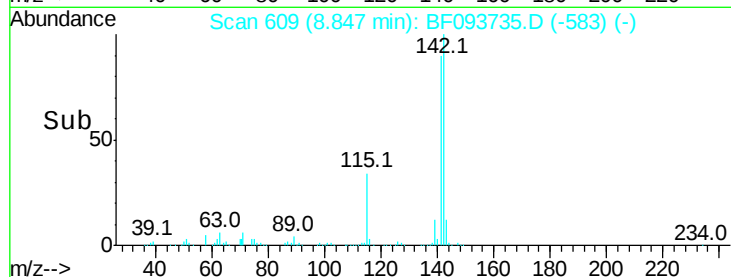
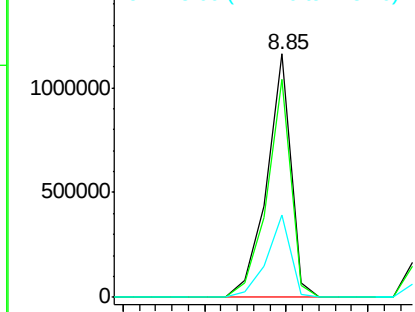
#37
2-Methylnaphthalene
Concen: 46.09 ng
RT: 8.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Instrument :
BNA_F
ClientSampleId :
PB97674BS

Tot Ion:142 Resp: 1200628
Ion Ratio Lower Upper
142 100
141 89.6 71.3 106.9
115 33.9 27.1 40.7

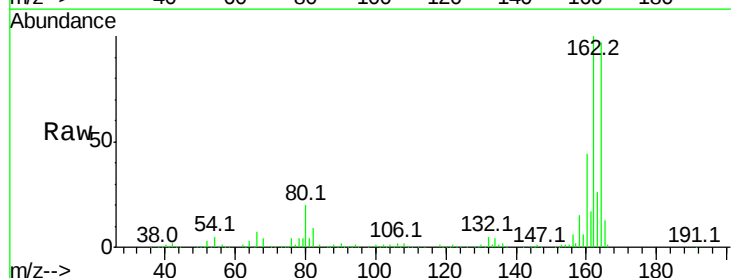


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

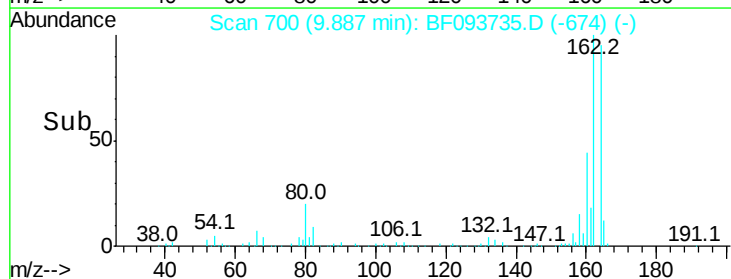
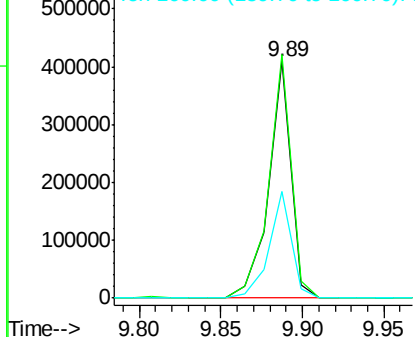


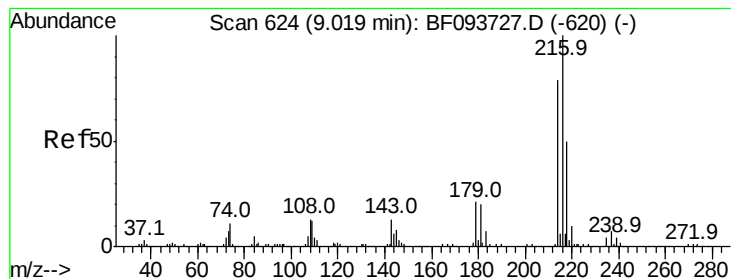
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Tgt Ion:164 Resp: 388214
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.80 ng

RT: 9.02 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

Tot Ion:216 Resp: 452638

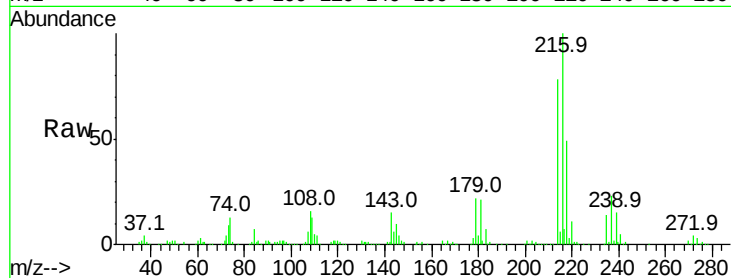
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.8 17.9 26.9

108 22.9 16.5 24.7

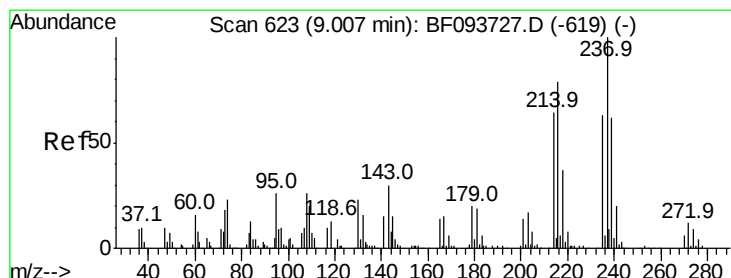
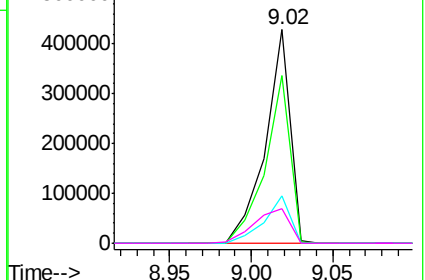
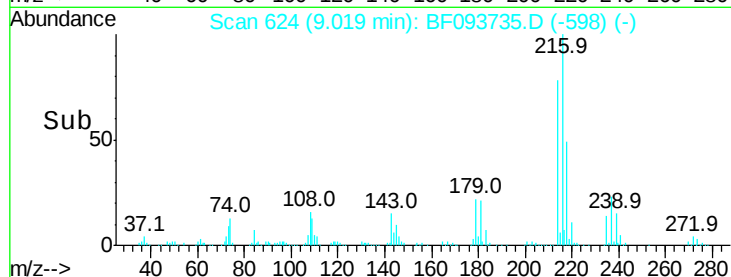


Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.15 ng

RT: 9.01 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

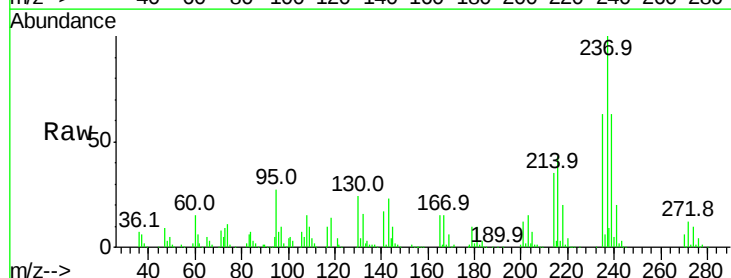
Tgt Ion:237 Resp: 441208

Ion Ratio Lower Upper

237 100

235 63.2 42.6 82.6

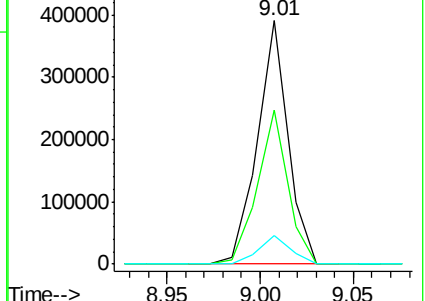
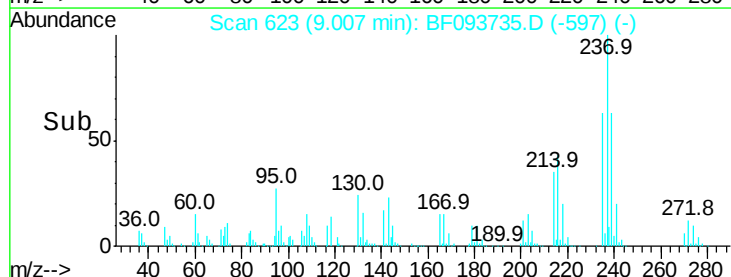
272 11.9 0.0 31.9

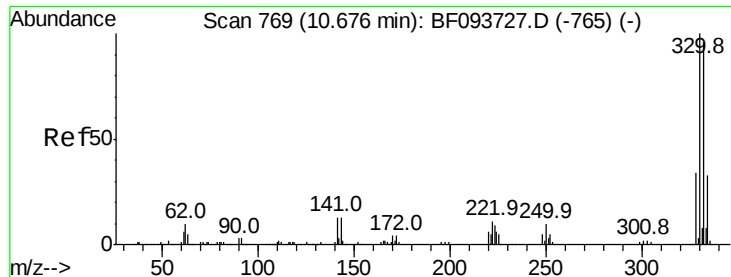


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

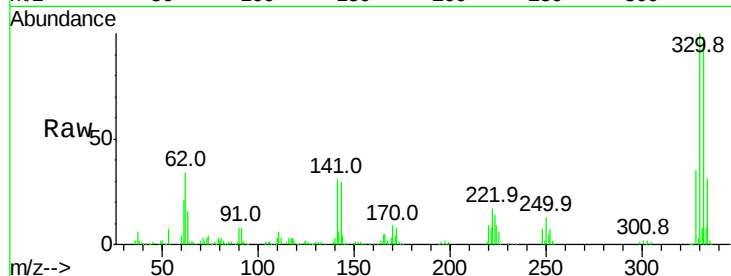




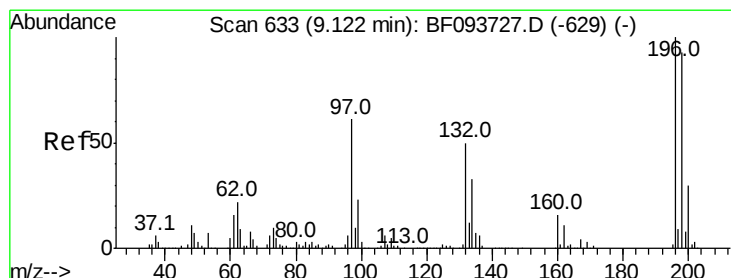
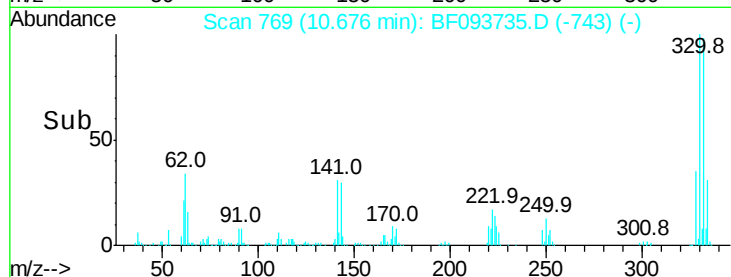
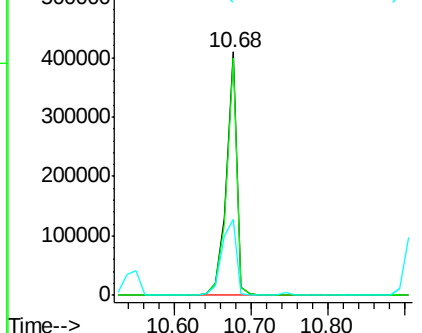
#41
 2,4,6-Tribromophenol
 Concen: 157.57 ng
 RT: 10.68 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB97674BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	43.1	31.4	47.2

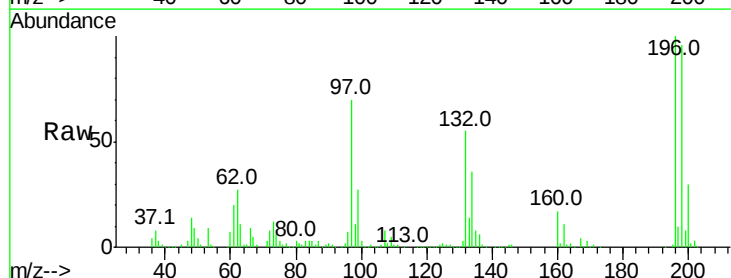


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

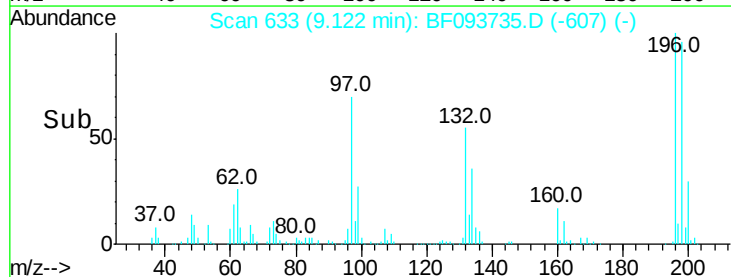
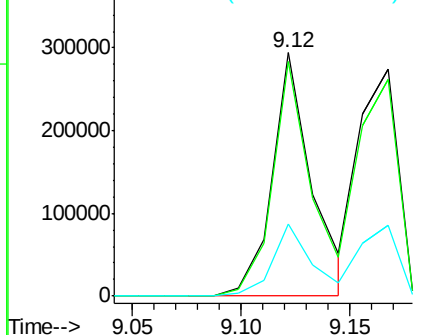


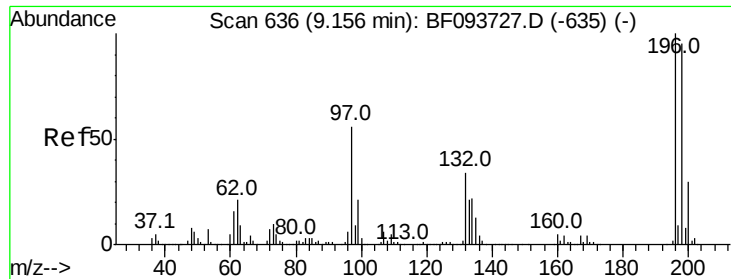
#42
 2,4,6-Trichlorophenol
 Concen: 55.88 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.2	111.4
200	29.7	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

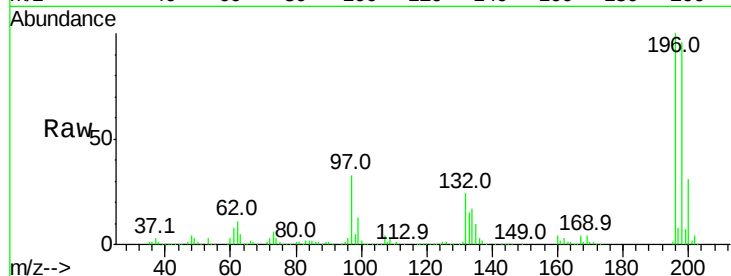




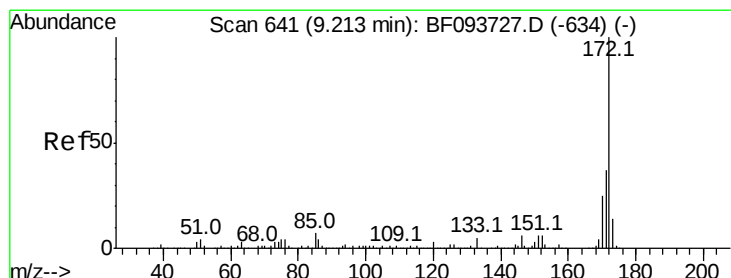
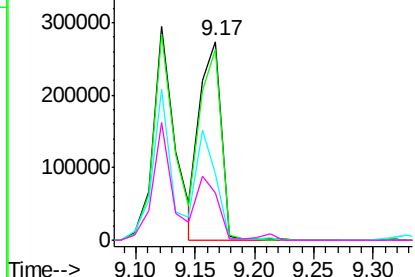
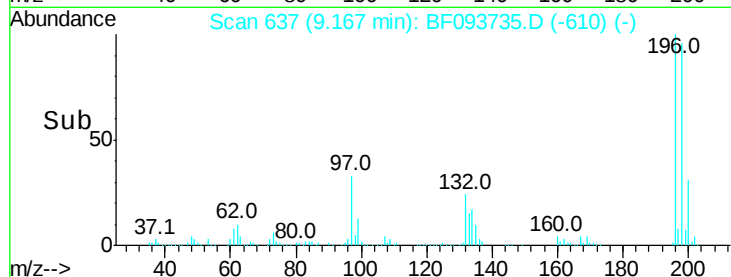
#43
 2,4,5-Trichlorophenol
 Concen: 50.22 ng
 RT: 9.17 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB97674BS

Tot Ion:196 Resp: 347065
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 97 33.3 47.7 71.5#
 132 23.9 28.0 42.0#

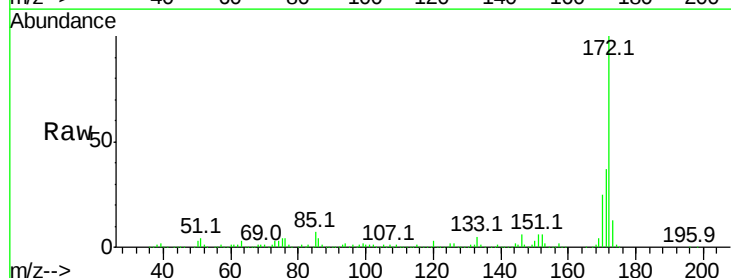


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

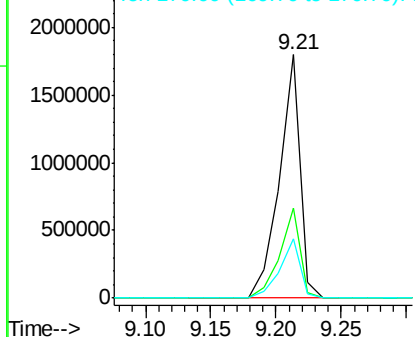
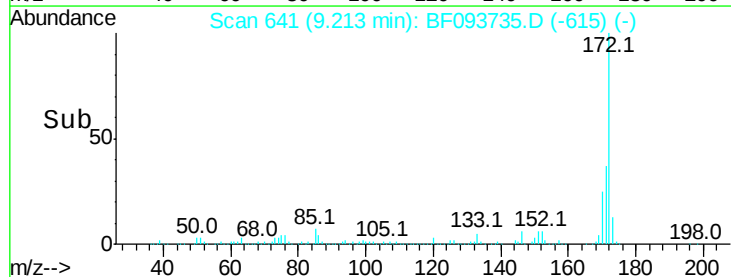


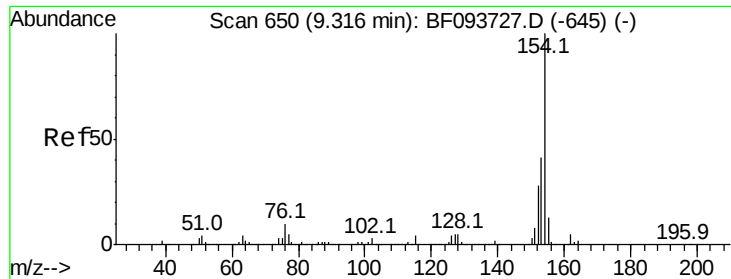
#44
 2-Fluorobiphenyl
 Concen: 97.46 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Tgt Ion:172 Resp: 2005000
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.6 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

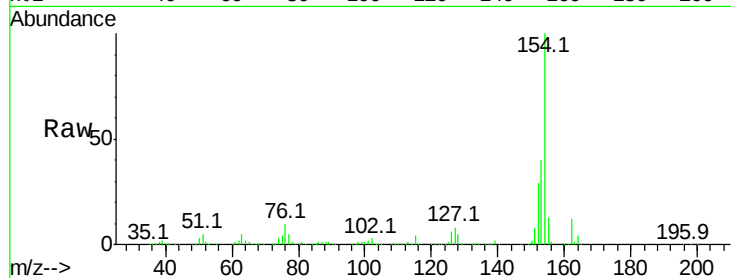




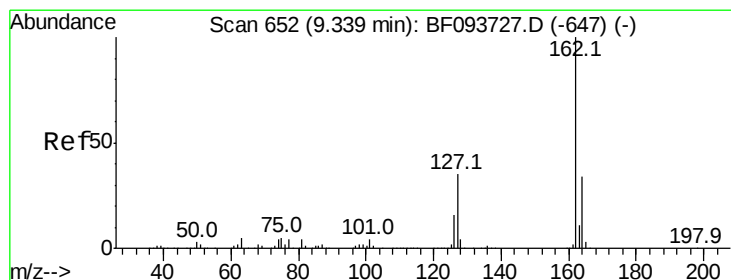
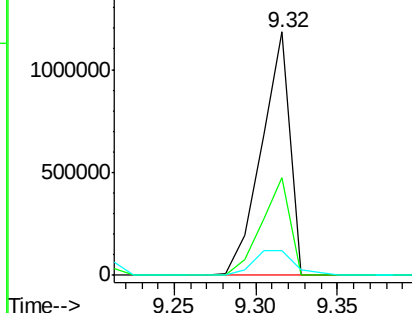
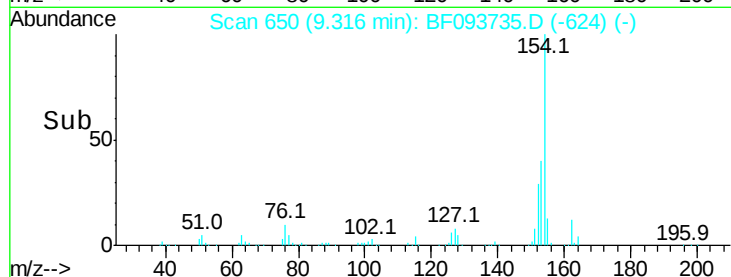
#45
 1,1'-Biphenyl
 Concen: 52.34 ng
 RT: 9.32 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB97674BS

Tot Ion:154 Resp: 1424698
 Ion Ratio Lower Upper
 154 100
 153 40.1 21.2 61.2
 76 10.2 0.0 29.9

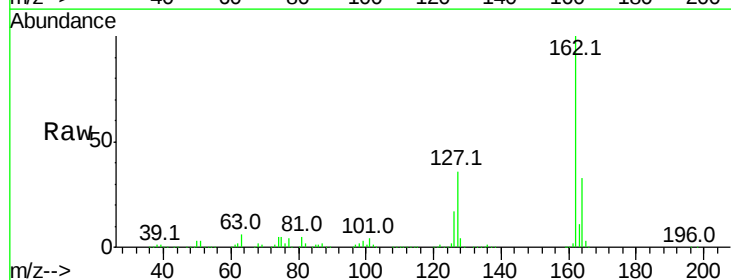


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

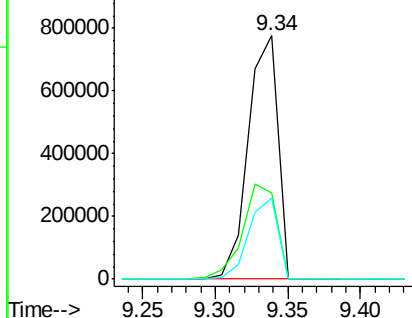
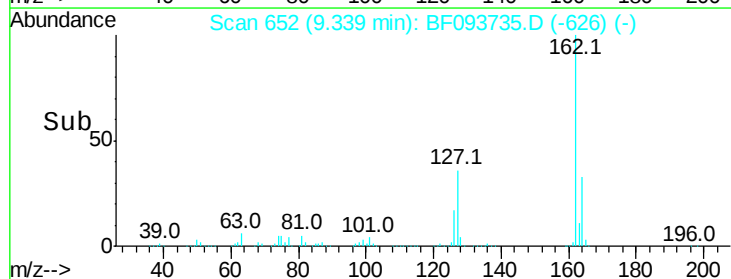


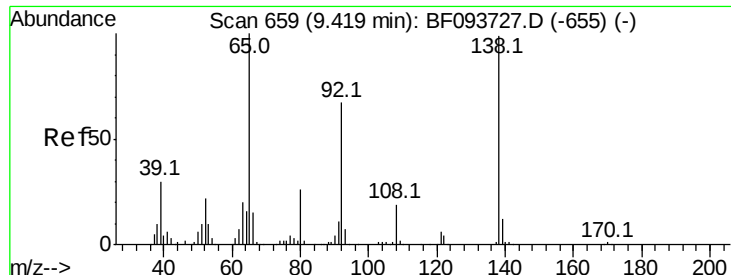
#46
 2-Chloronaphthalene
 Concen: 50.34 ng
 RT: 9.34 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Tgt Ion:162 Resp: 1099487
 Ion Ratio Lower Upper
 162 100
 127 35.5 28.3 42.5
 164 33.5 27.0 40.4



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

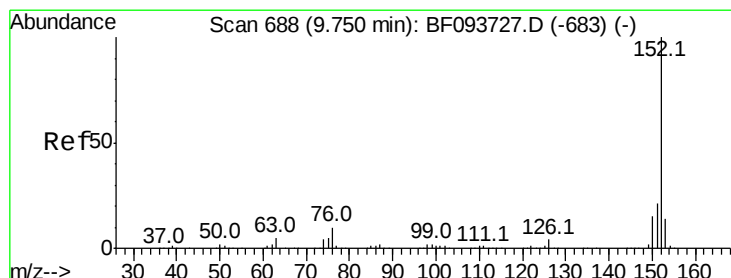
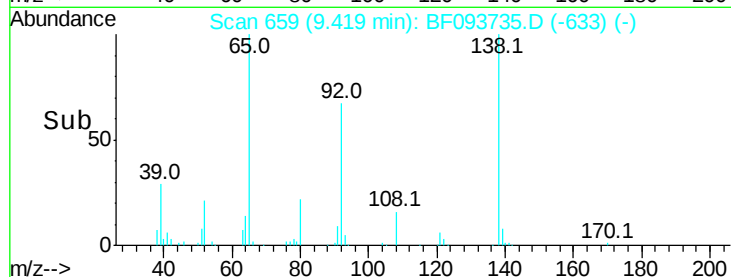
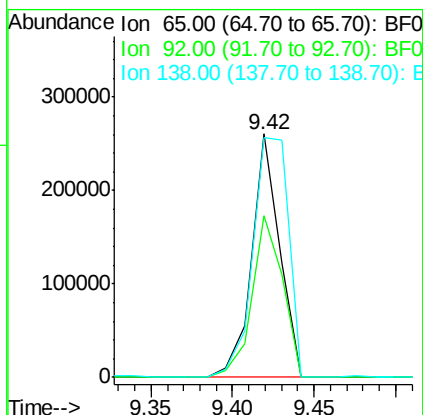
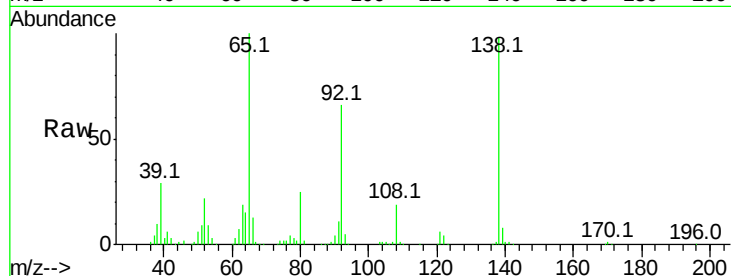




#47
2-Nitroaniline
Concen: 48.84 ng
RT: 9.42 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

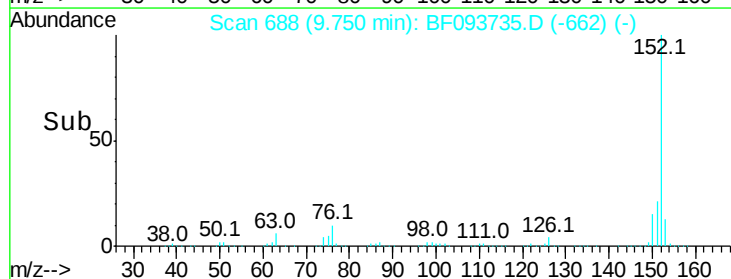
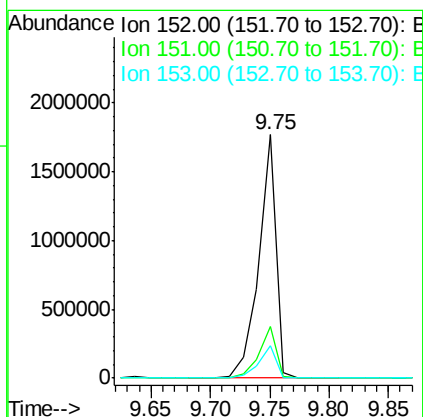
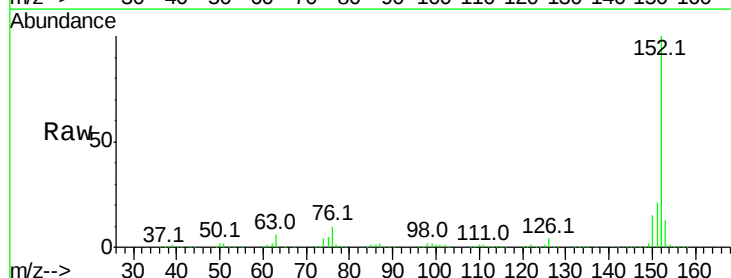
Instrument :
BNA_F
ClientSampleId :
PB97674BS

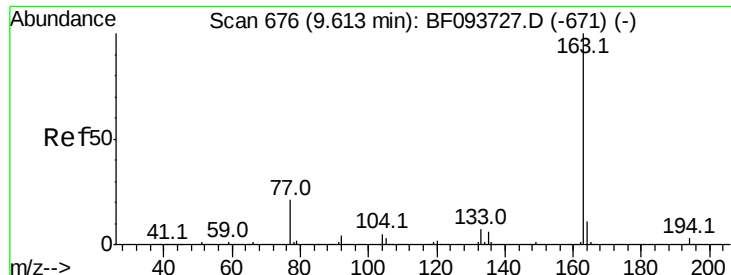
Tot Ion: 65 Resp: 308651
Ion Ratio Lower Upper
65 100
92 66.4 53.9 80.9
138 98.4 78.8 118.2



#48
Acenaphthylene
Concen: 50.27 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Tgt Ion: 152 Resp: 1790703
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 13.4 10.8 16.2

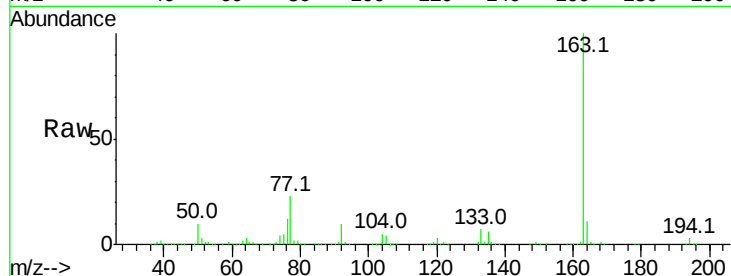




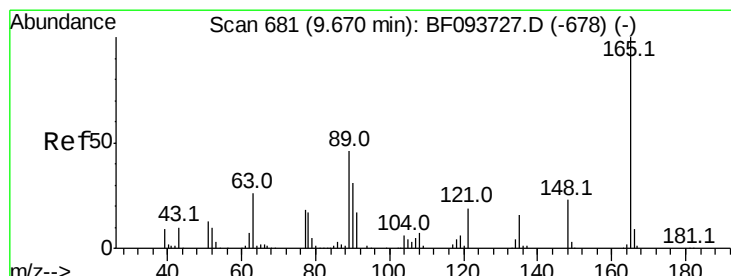
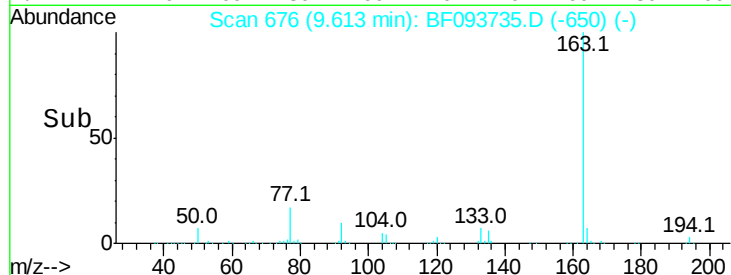
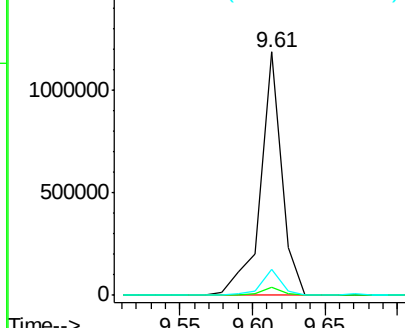
#49
Dimethylphthalate
Concen: 47.41 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Instrument :
BNA_F
ClientSampleId :
PB97674BS

Tot Ion:163 Resp: 1202105
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.7 8.4 12.6

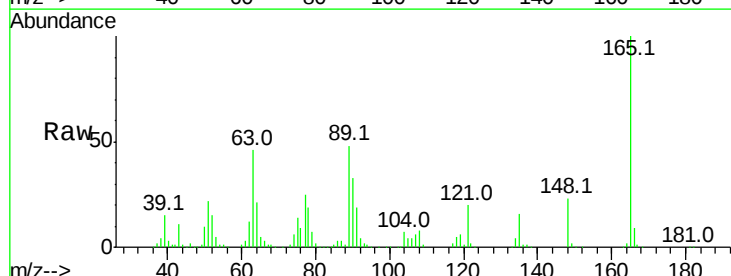


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

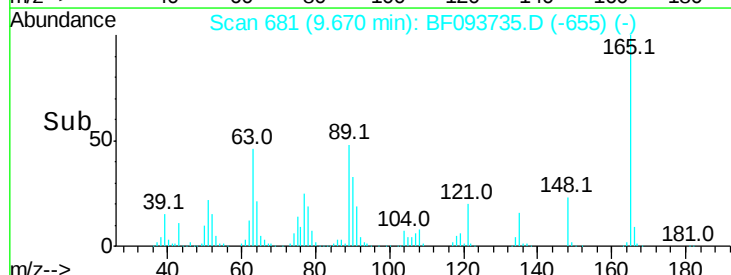
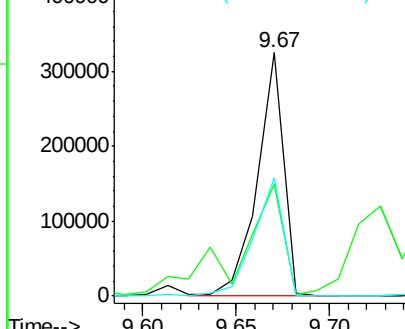


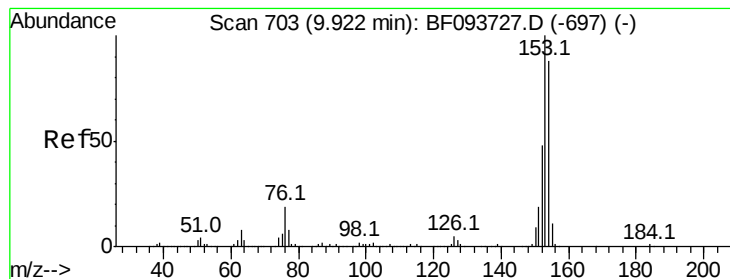
#50
2,6-Dinitrotoluene
Concen: 57.45 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Tgt Ion:165 Resp: 314680
Ion Ratio Lower Upper
165 100
63 45.9 34.3 51.5
89 48.4 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 55.79 ng

RT: 9.92 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

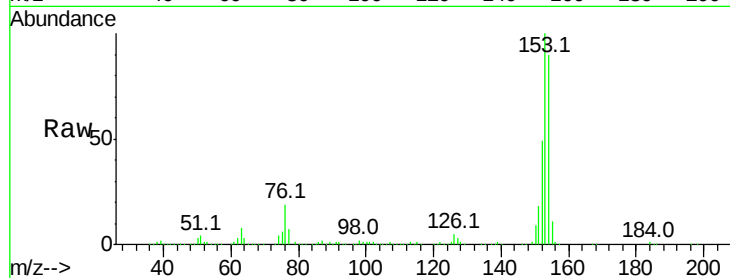
BNA_F

ClientSampleId :

PB97674BS

Tot Ion:154 Resp: 1171194

Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.5	135.7
152	54.3	43.6	65.4

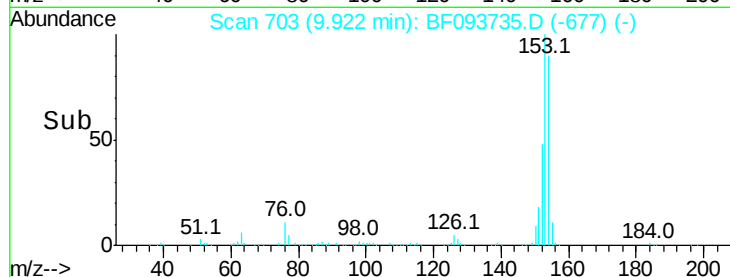


Abundance

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

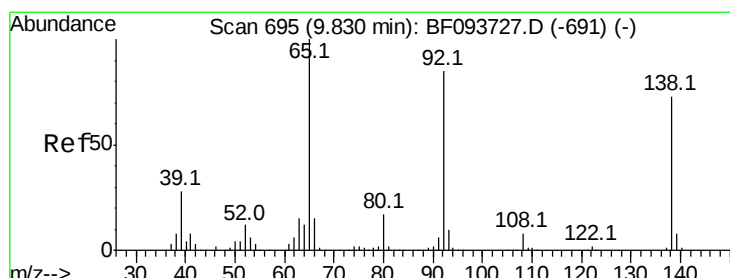


Abundance

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: 18.38 ng

RT: 9.83 min Scan# 695

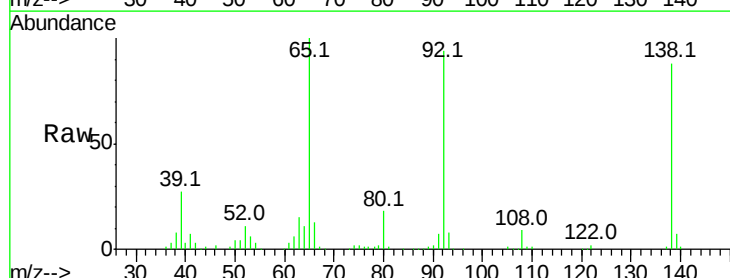
Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Tgt Ion:138 Resp: 119412

Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	107.7	93.8	140.6

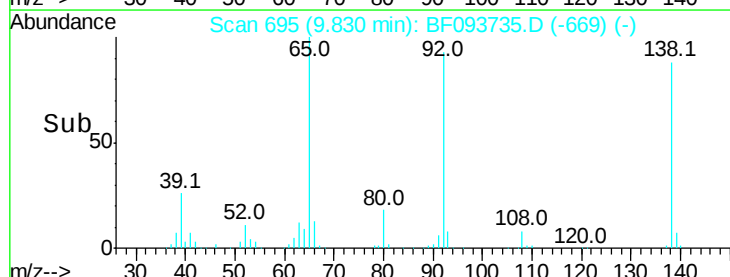


Abundance

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

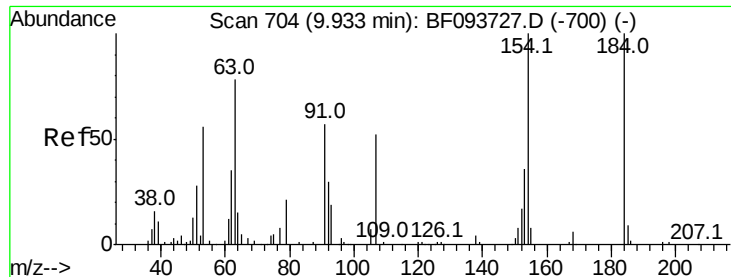


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

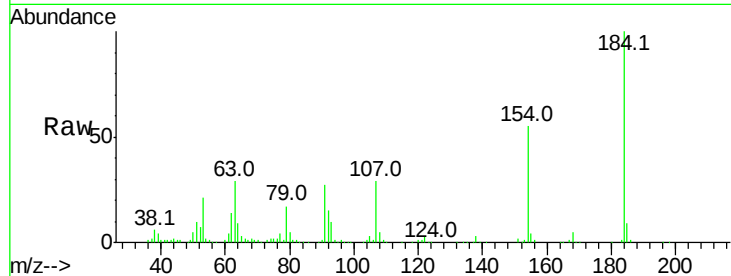
Ion 92.00 (91.70 to 92.70): BF0



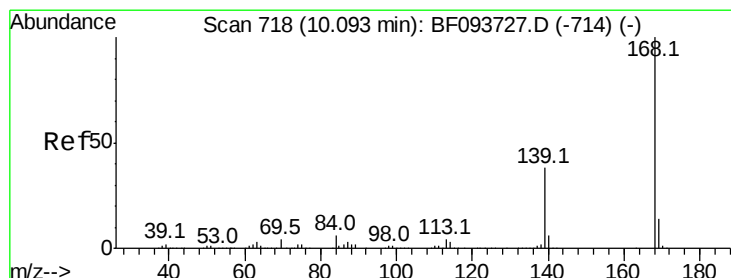
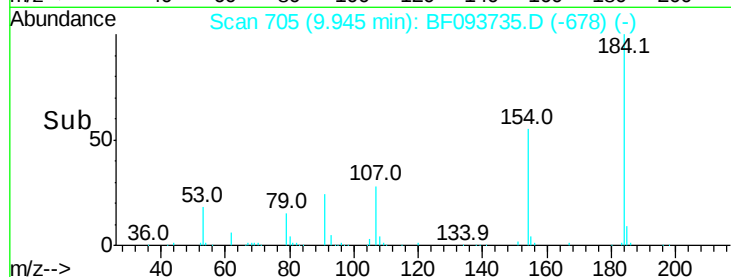
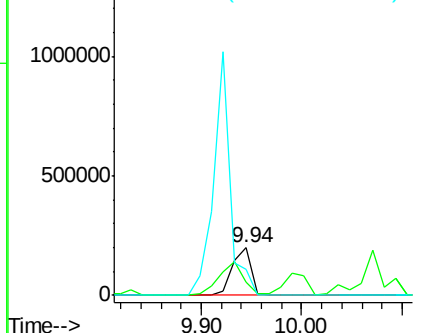
#53
2,4-Dinitrophenol
Concen: 97.47 ng
RT: 9.94 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Instrument :
BNA_F
ClientSampleId :
PB97674BS

Tot Ion:184 Resp: 257052
Ion Ratio Lower Upper
184 100
63 28.9 62.7 94.1#
154 55.1 81.1 121.7#

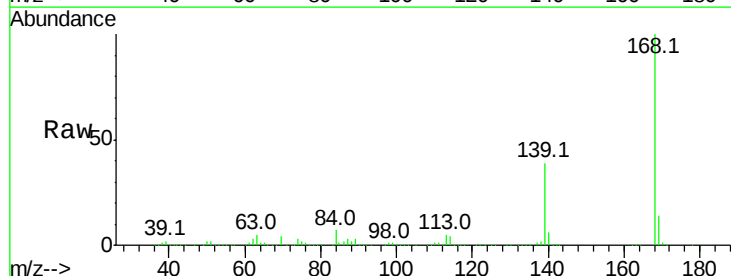


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

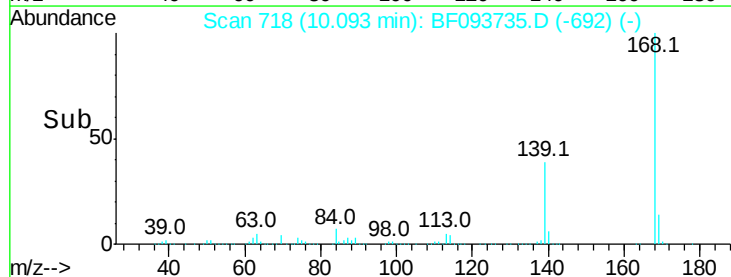
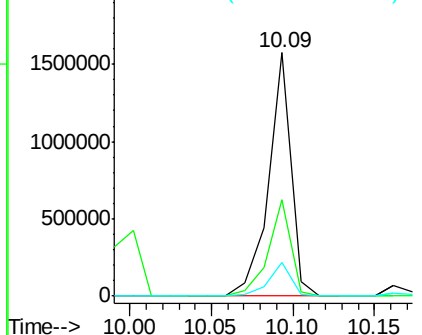


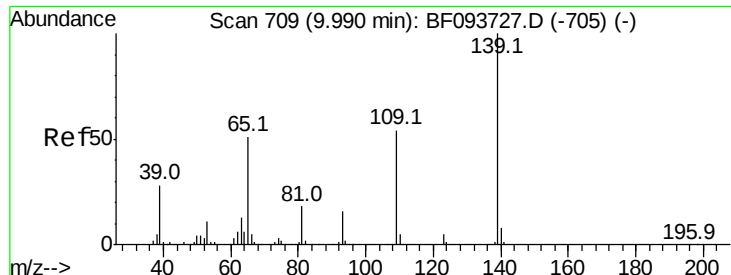
#54
Dibenzofuran
Concen: 52.82 ng
RT: 10.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Tgt Ion:168 Resp: 1507176
Ion Ratio Lower Upper
168 100
139 39.4 30.6 45.8
169 13.8 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

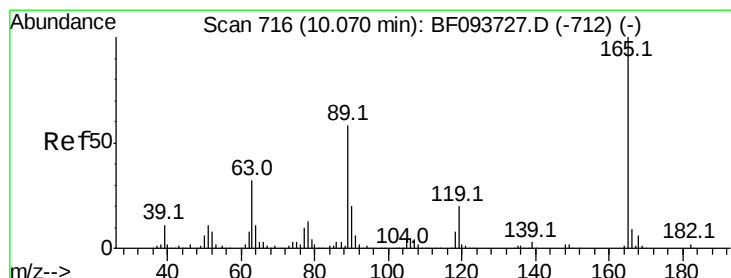
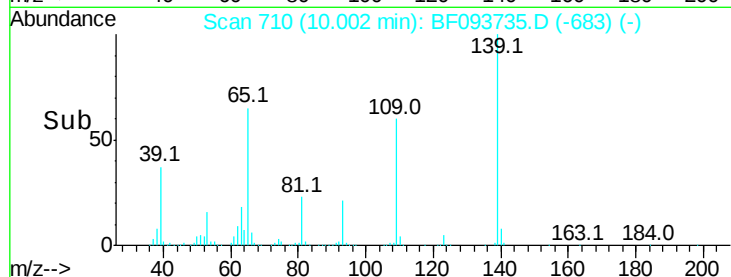
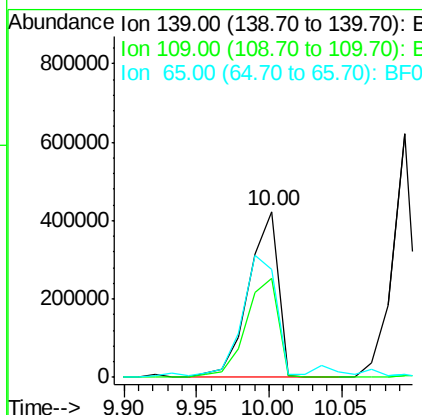
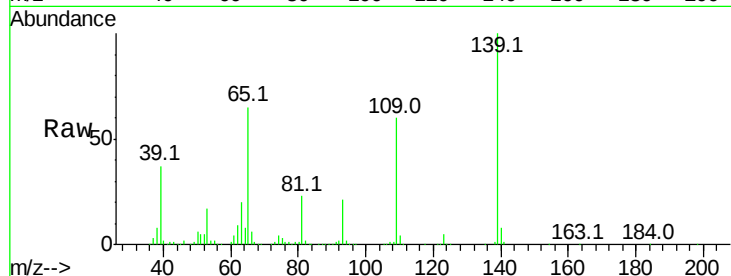




#55
4-Nitrophenol
Concen: 122.04 ng
RT: 10.00 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

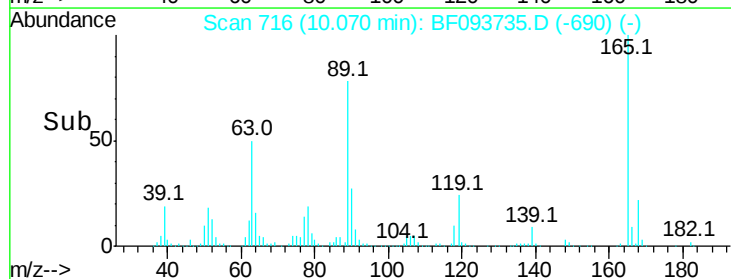
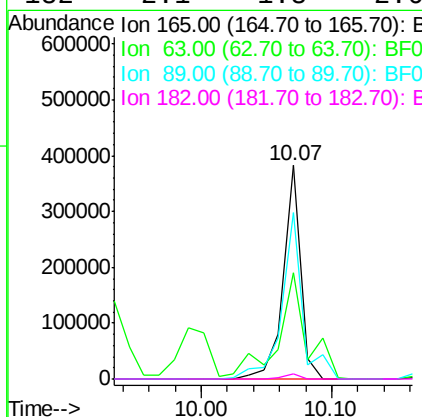
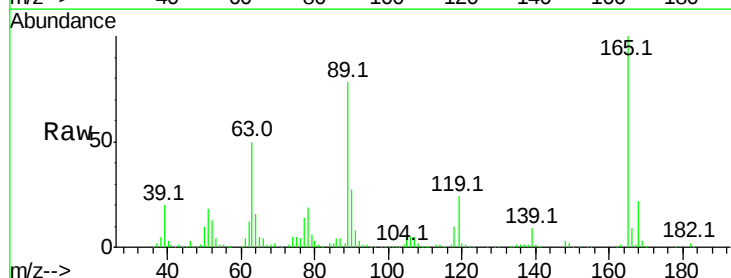
Instrument :
BNA_F
ClientSampleId :
PB97674BS

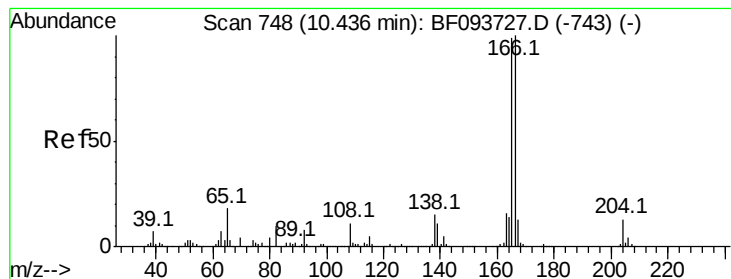
Tot Ion:139 Resp: 598296
Ion Ratio Lower Upper
139 100
109 59.7 34.1 74.1
65 65.4 31.4 71.4



#56
2,4-Dinitrotoluene
Concen: 49.30 ng
RT: 10.07 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Tgt Ion:165 Resp: 359416
Ion Ratio Lower Upper
165 100
63 49.6 25.4 38.0#
89 77.9 46.4 69.6#
182 2.1 1.8 2.6





#57

Fluorene

Concen: 48.68 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

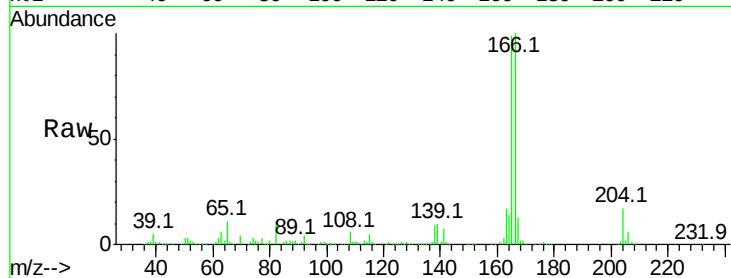
Tot Ion:166 Resp: 1126832

Ion Ratio Lower Upper

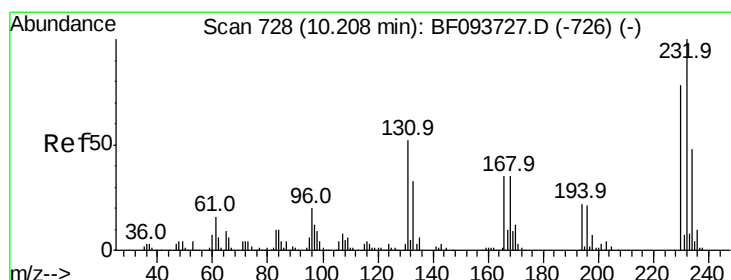
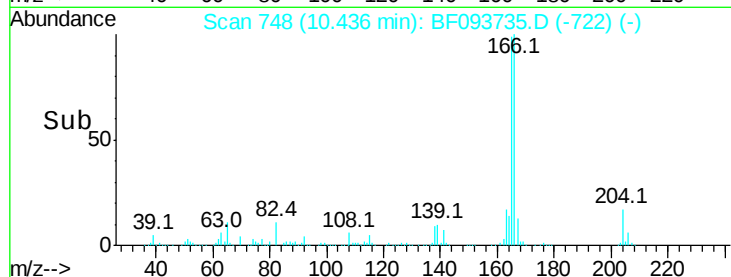
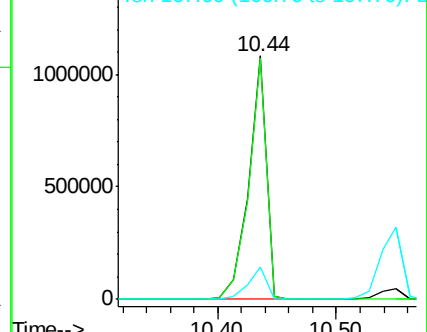
166 100

165 99.2 78.8 118.2

167 13.4 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.51 ng

RT: 10.21 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Tgt Ion:232 Resp: 268539

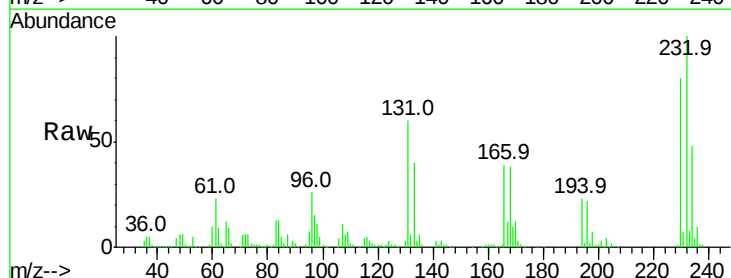
Ion Ratio Lower Upper

232 100

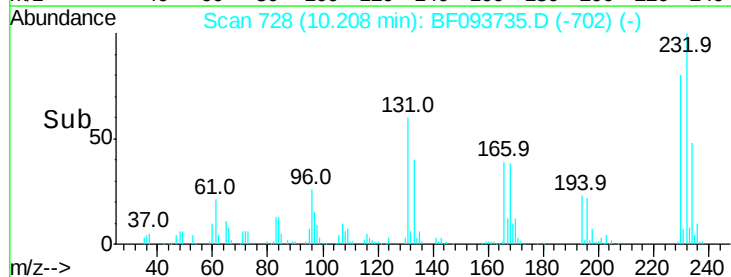
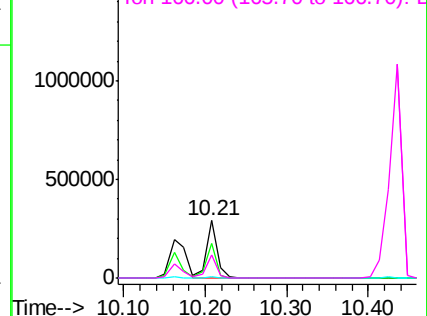
131 58.3 44.8 67.2

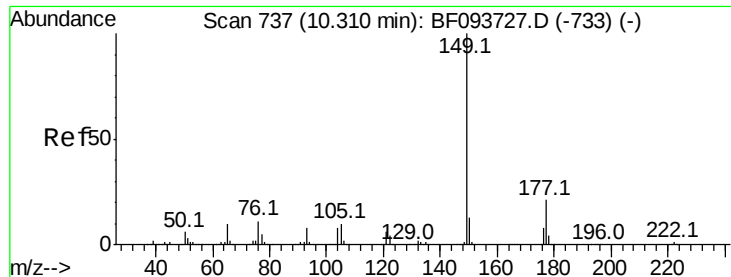
130 2.7 2.3 3.5

166 36.9 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

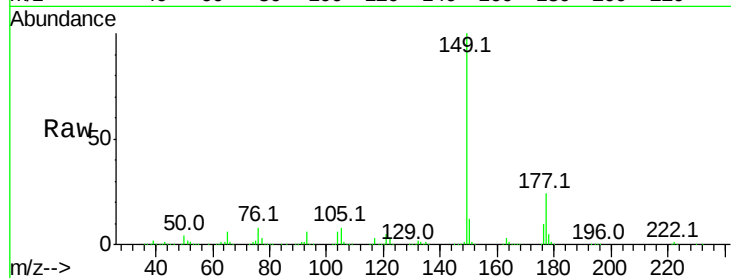




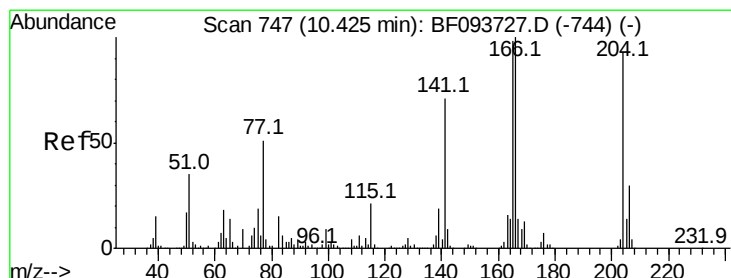
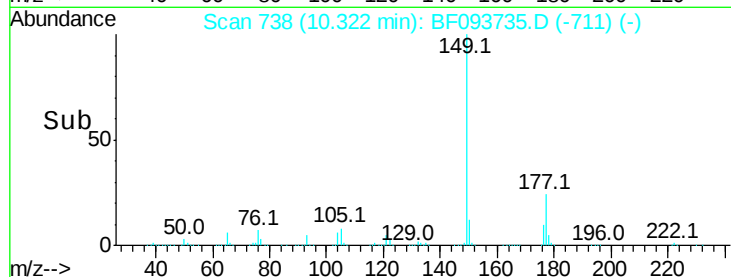
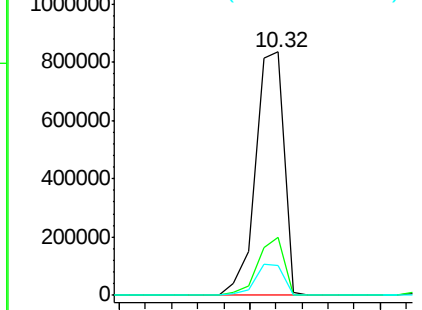
#59
Diethylphthalate
Concen: 52.68 ng
RT: 10.32 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Instrument :
BNA_F
ClientSampled :
PB97674BS

Tot Ion:149 Resp: 1271420
Ion Ratio Lower Upper
149 100
177 23.9 16.7 25.1
150 12.3 10.2 15.2

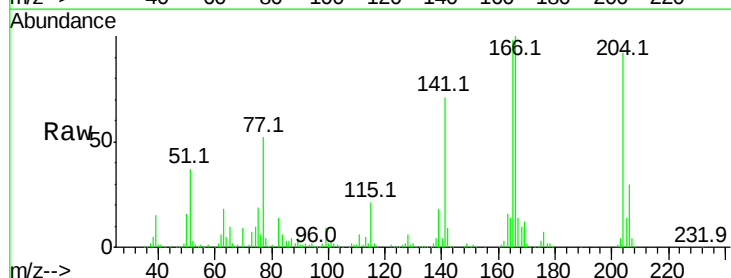


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

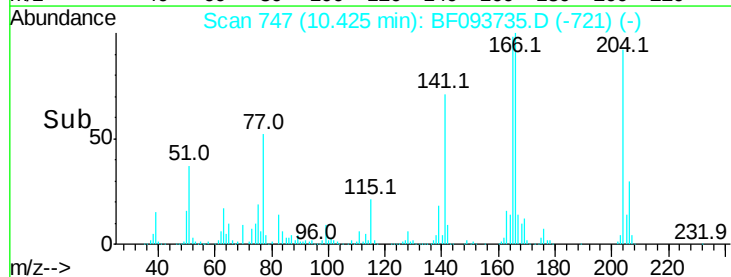
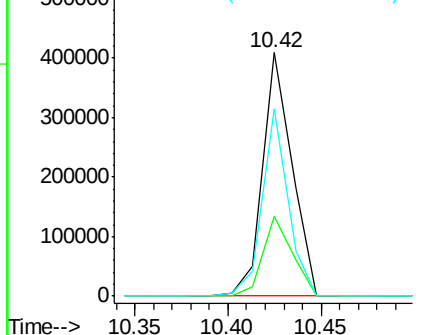


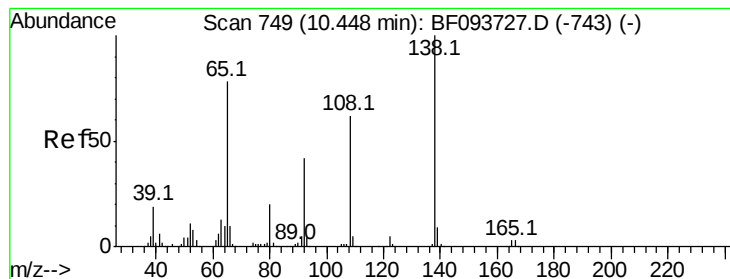
#60
4-Chlorophenyl-phenylether
Concen: 45.43 ng
RT: 10.42 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Tgt Ion:204 Resp: 443084
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 77.1 60.8 91.2



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





#61

4-Nitroaniline

Concen: 47.19 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

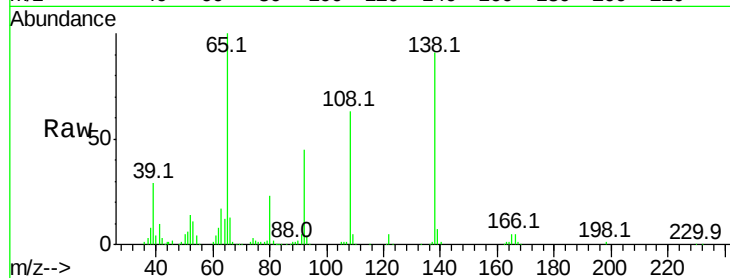
Tot Ion:138 Resp: 285363

Ion Ratio Lower Upper

138 100

92 49.5 21.8 61.8

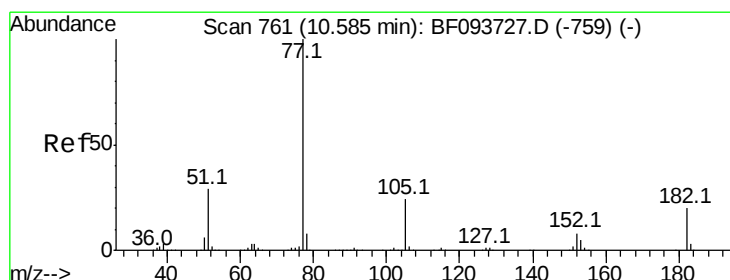
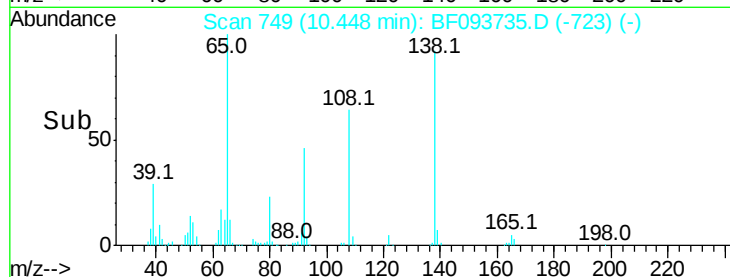
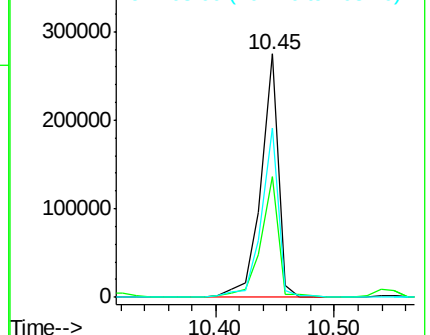
108 69.3 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 54.27 ng

RT: 10.58 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Tgt Ion: 77 Resp: 1323497

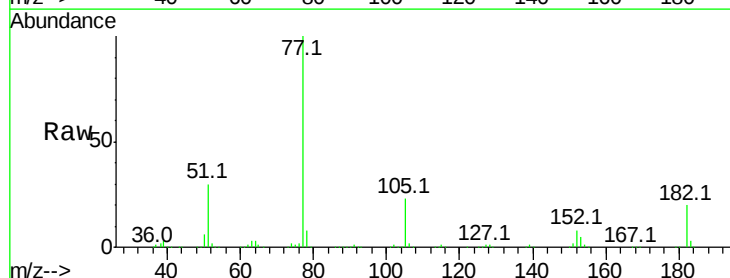
Ion Ratio Lower Upper

77 100

182 19.9 0.1 40.1

105 23.1 3.6 43.6

51 29.6 9.4 49.4

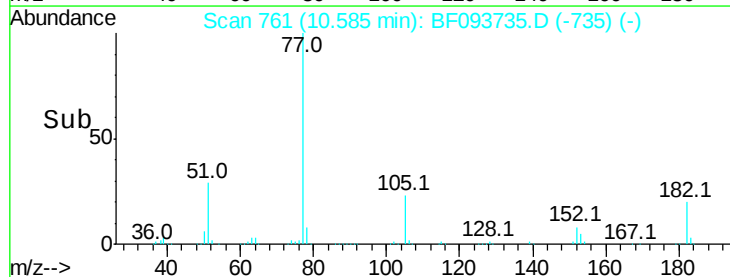
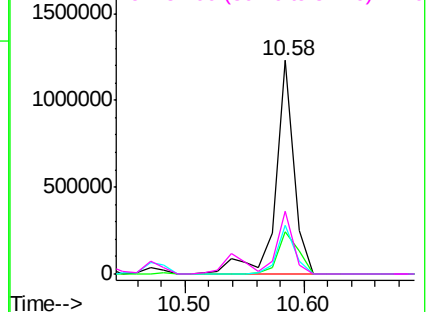


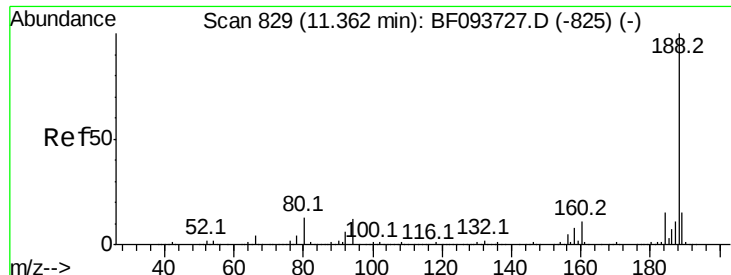
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

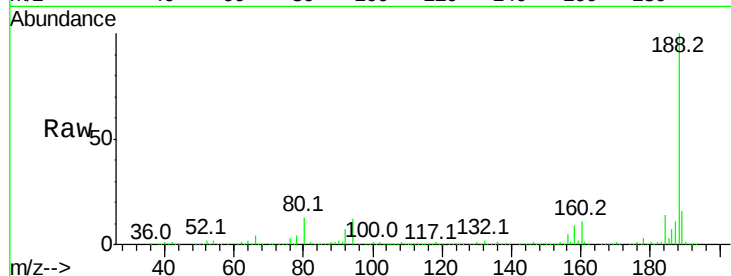




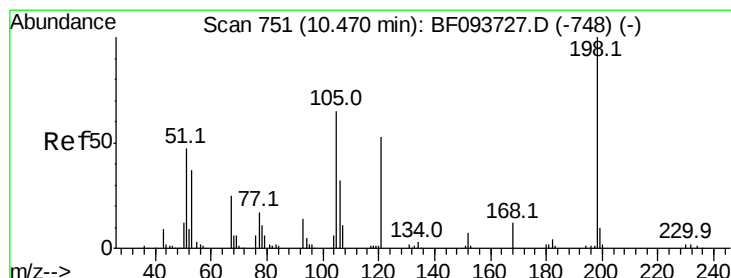
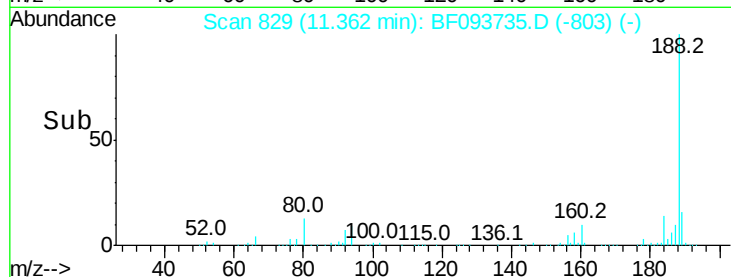
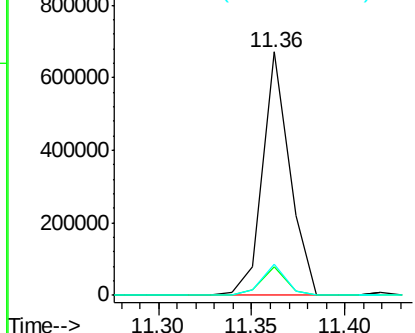
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Instrument :
BNA_F
ClientSampleId :
PB97674BS

Tot Ion:188 Resp: 672558
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 13.0 10.2 15.2

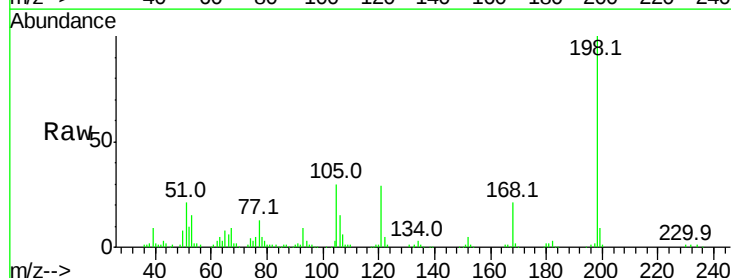


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

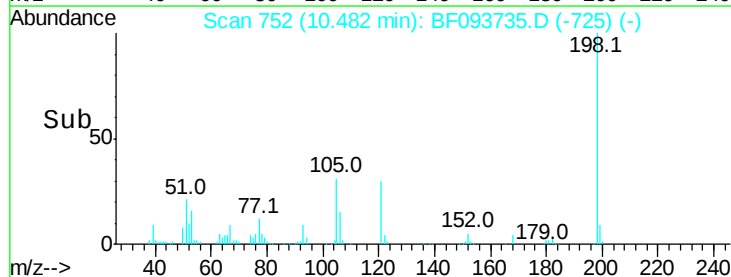
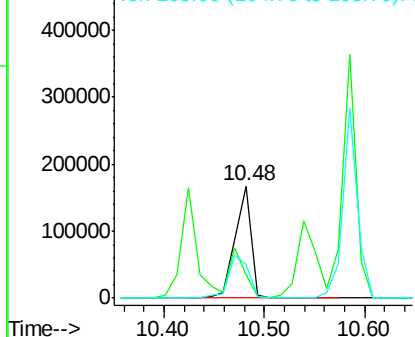


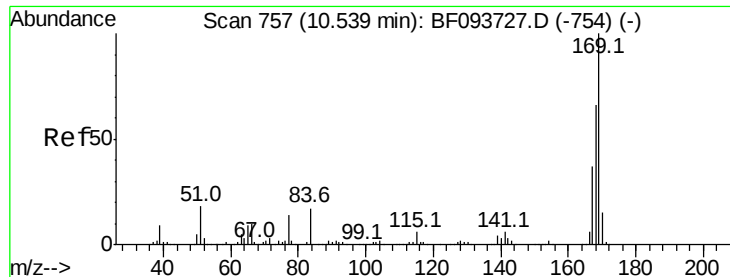
#64
4,6-Dinitro-2-methylphenol
Concen: 51.77 ng
RT: 10.48 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Tgt Ion:198 Resp: 187037
Ion Ratio Lower Upper
198 100
51 20.9 53.2 93.2#
105 29.9 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: 48.23 ng

RT: 10.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

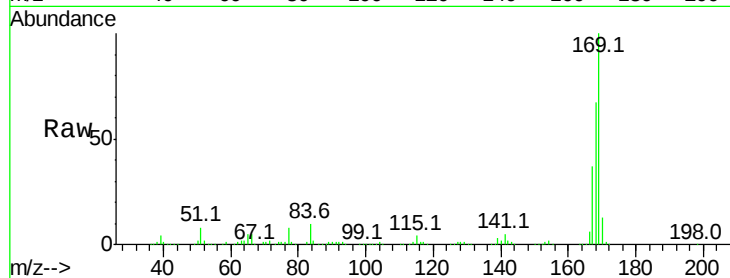
Tot Ion:169 Resp: 1095073

Ion Ratio Lower Upper

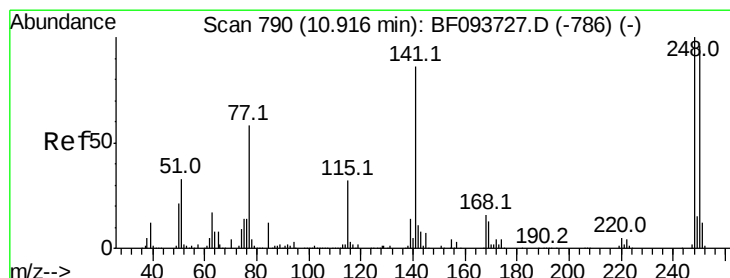
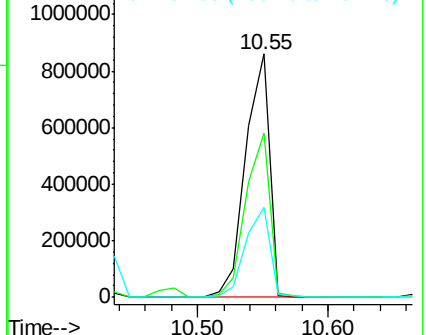
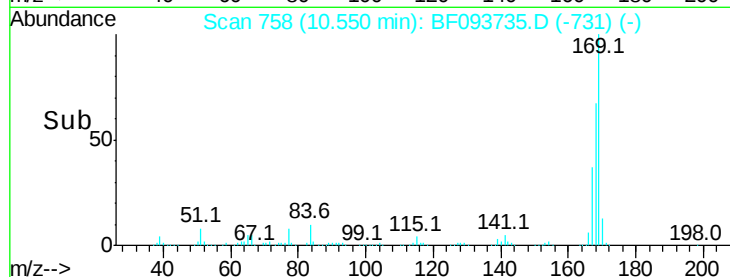
169 100

168 67.4 53.2 79.8

167 37.1 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 47.07 ng

RT: 10.92 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

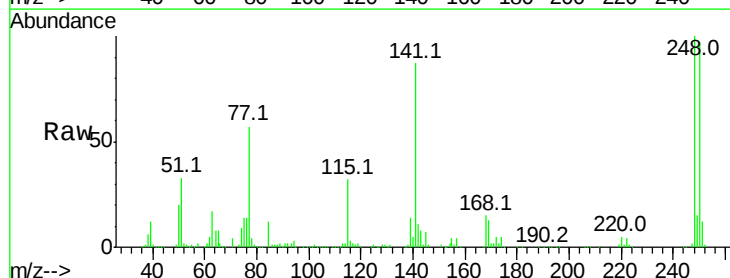
Tgt Ion:248 Resp: 299256

Ion Ratio Lower Upper

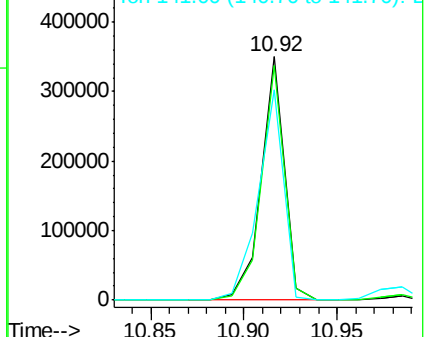
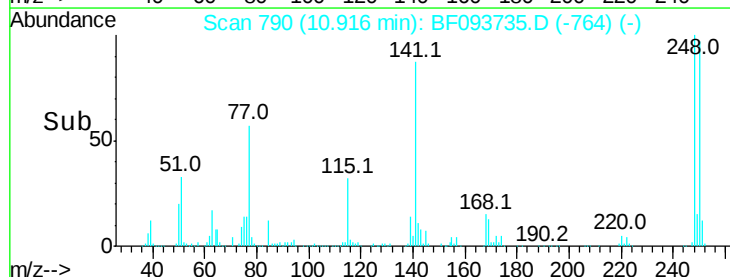
248 100

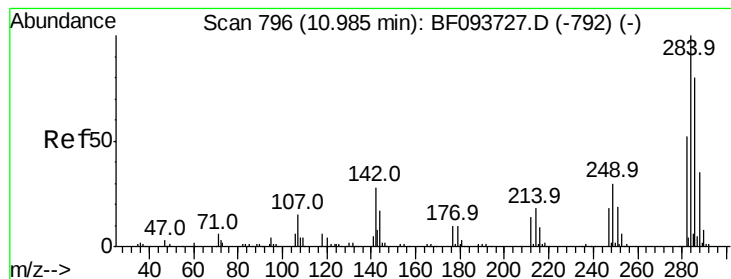
250 96.6 76.8 115.2

141 86.6 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 48.36 ng

RT: 10.98 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

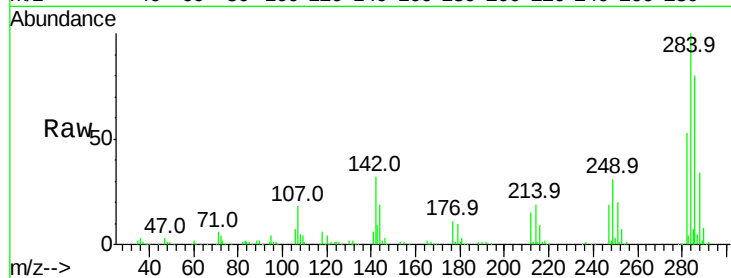
Tot Ion:284 Resp: 321374

Ion Ratio Lower Upper

284 100

142 31.8 22.8 34.2

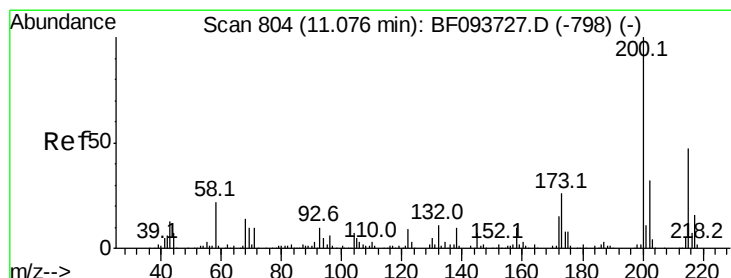
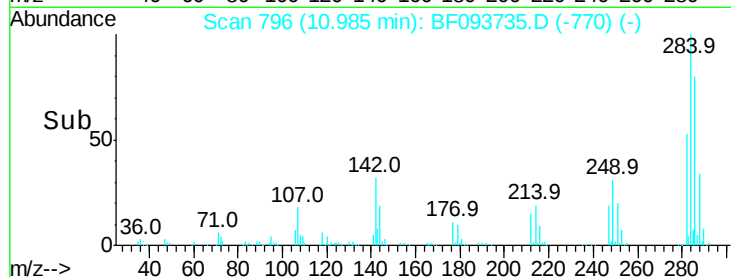
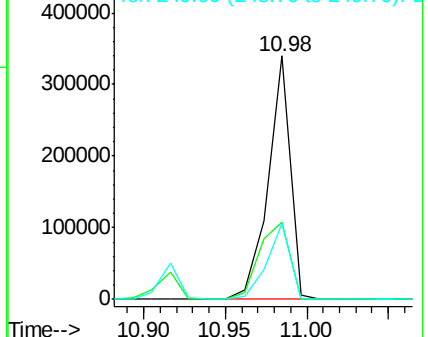
249 31.4 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 53.66 ng

RT: 11.08 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

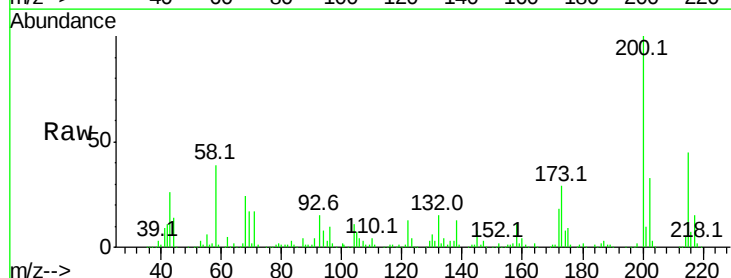
Tgt Ion:200 Resp: 350844

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

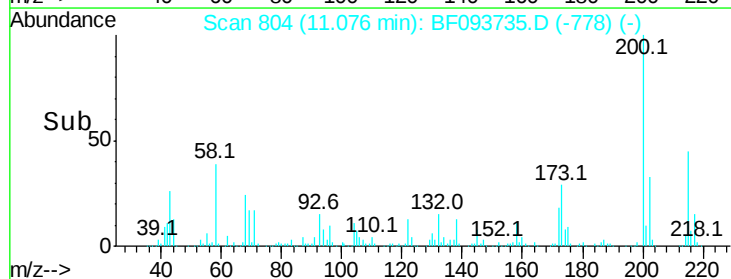
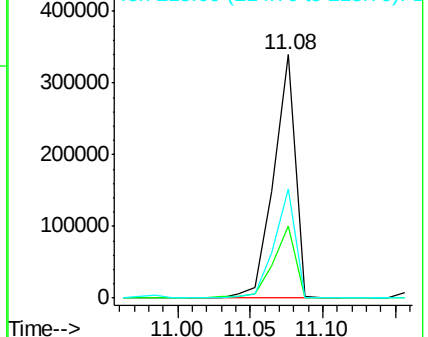
215 44.7 27.2 67.2

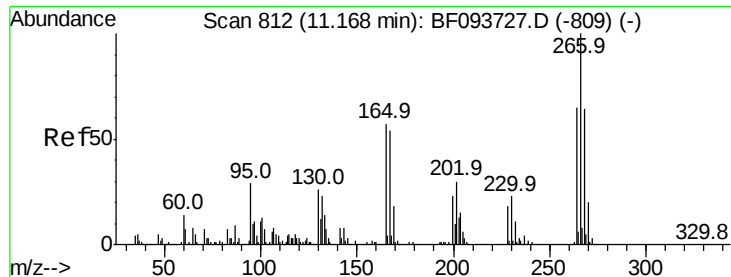


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

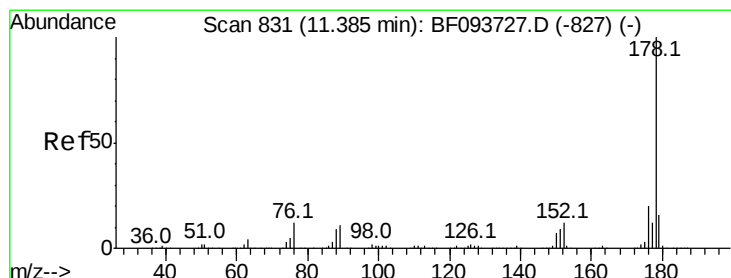
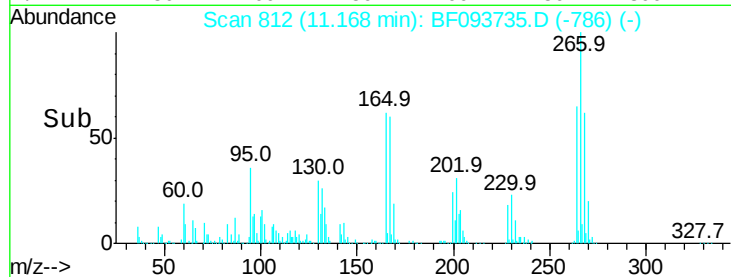
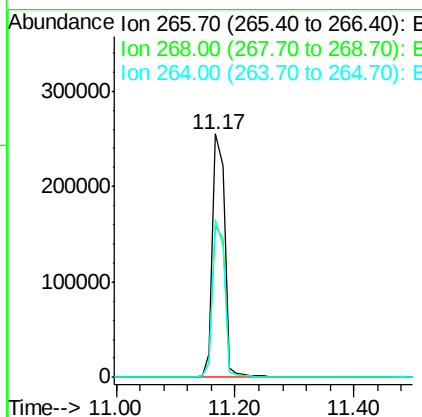
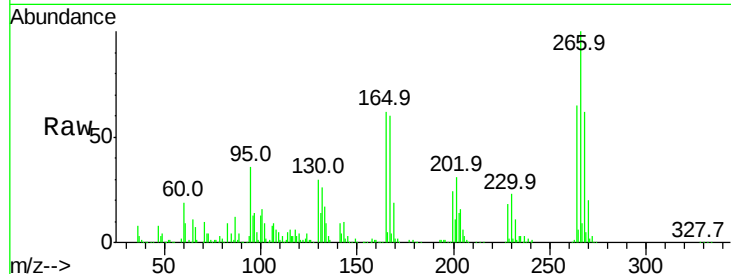




#69
 Pentachlorophenol
 Concen: 95.31 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

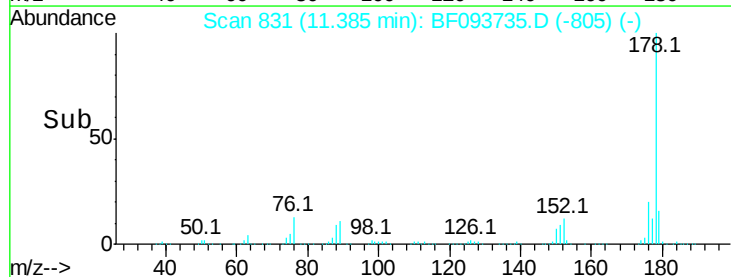
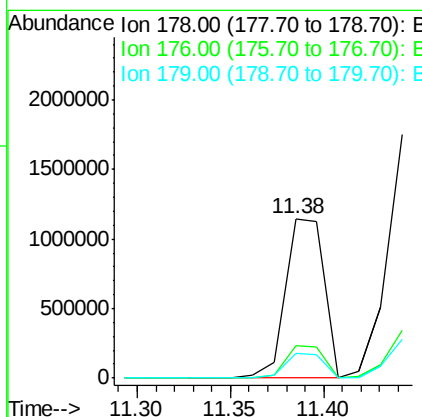
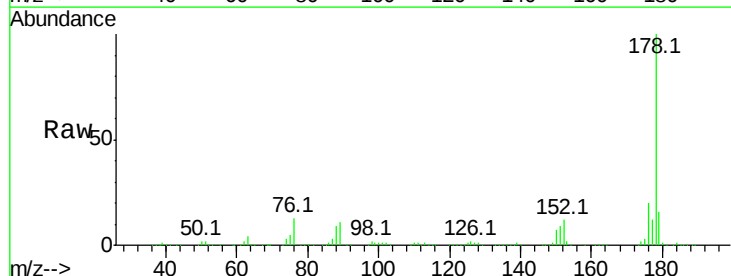
Instrument :
 BNA_F
 ClientSampleId :
 PB97674BS

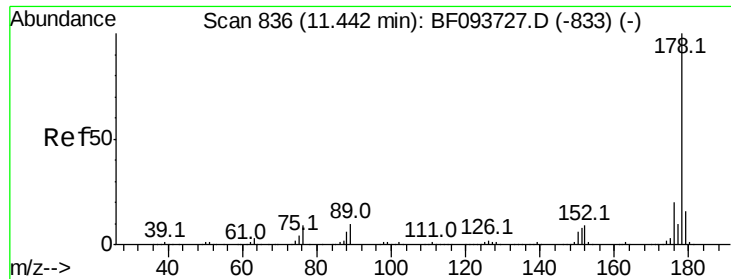
Tot Ion:266 Resp: 362846
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 64.7 51.7 77.5



#70
 Phenanthrene
 Concen: 43.42 ng
 RT: 11.38 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Tgt Ion:178 Resp: 1651112
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.8 12.6 19.0



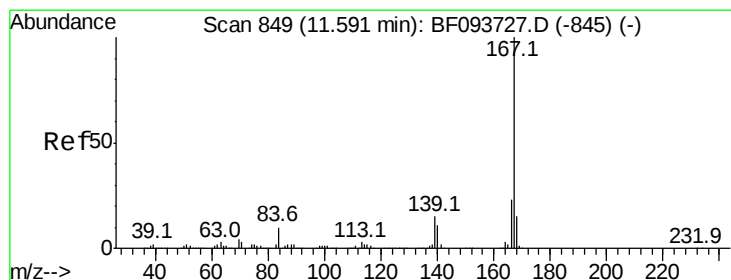
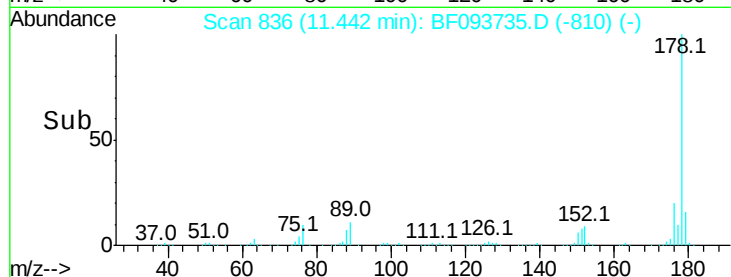
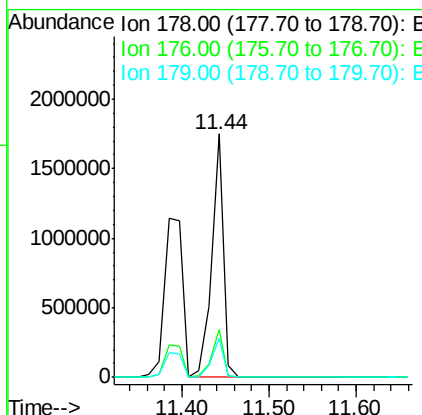
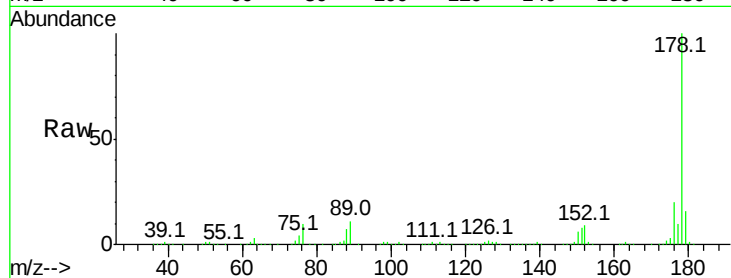


#71
 Anthracene
 Concen: 44.23 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB97674BS

Tot Ion:178 Resp: 1645605

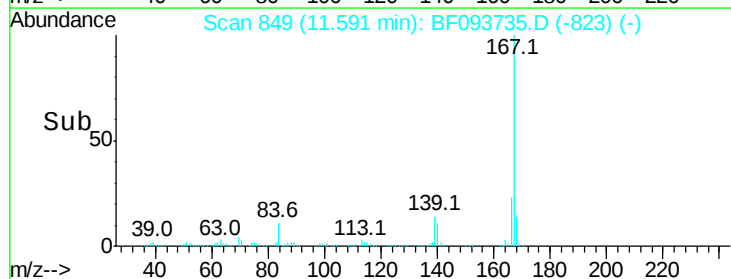
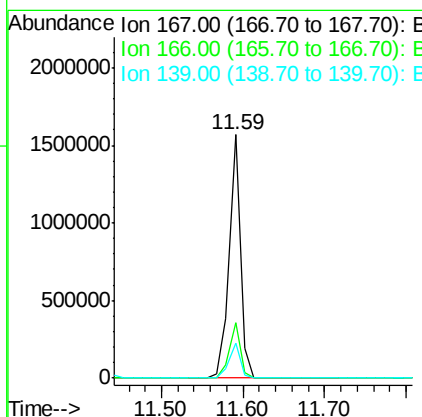
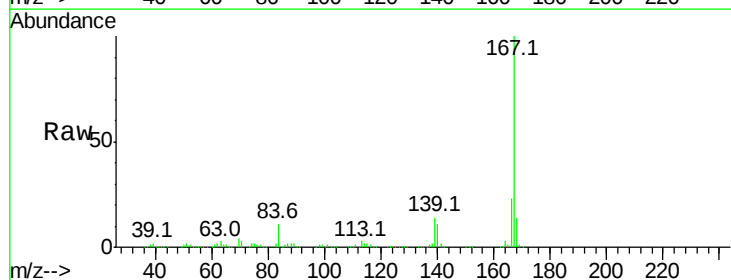
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.8	12.7	19.1

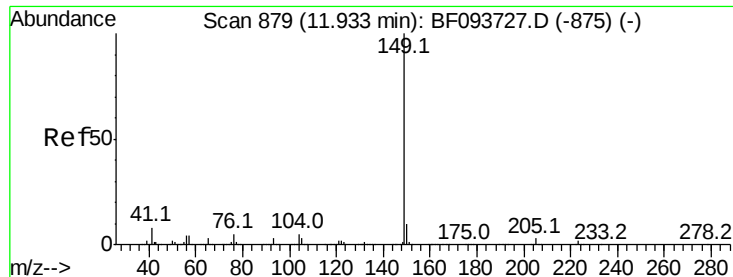


#72
 Carbazole
 Concen: 38.45 ng
 RT: 11.59 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Tgt Ion:167 Resp: 1497622

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	14.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.29 ng

RT: 11.93 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

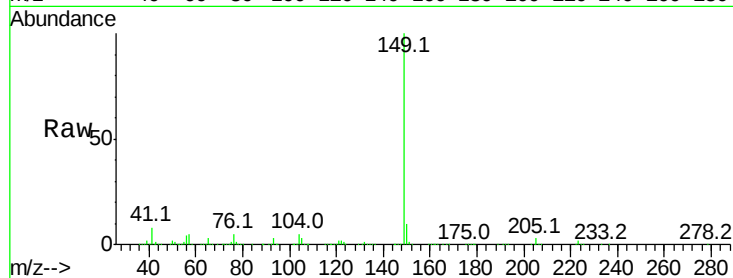
Tot Ion:149 Resp: 1763504

Ion Ratio Lower Upper

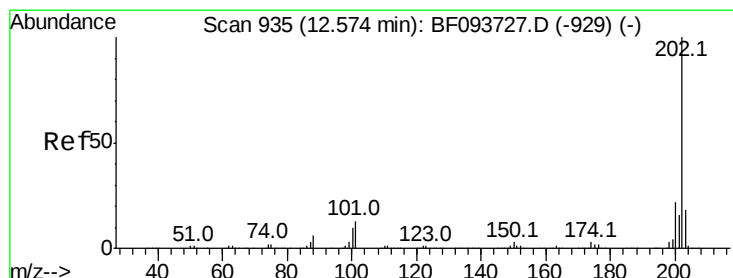
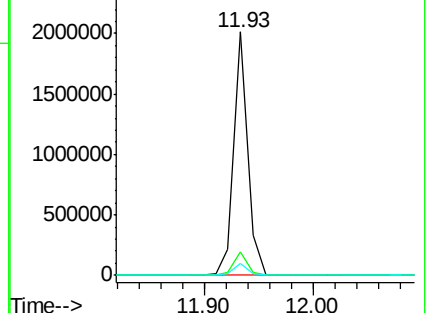
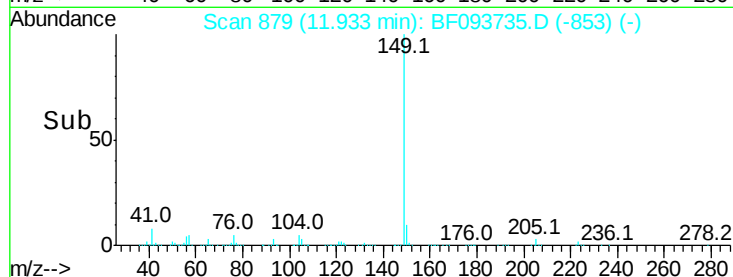
149 100

150 9.7 7.7 11.5

104 5.1 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: 45.40 ng

RT: 12.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

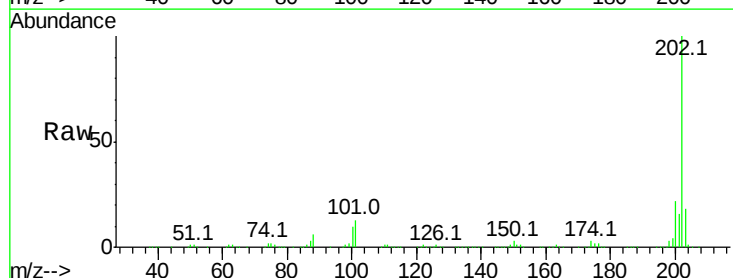
Tgt Ion:202 Resp: 1673089

Ion Ratio Lower Upper

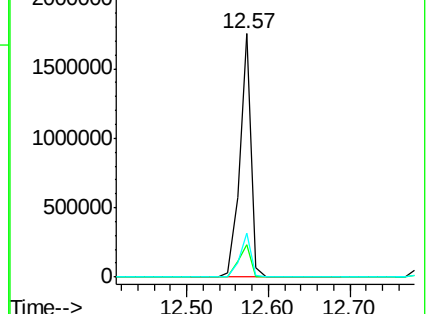
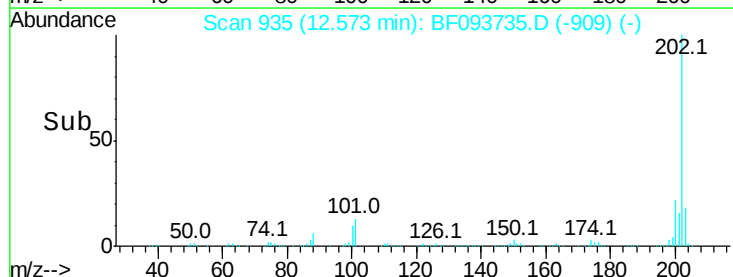
202 100

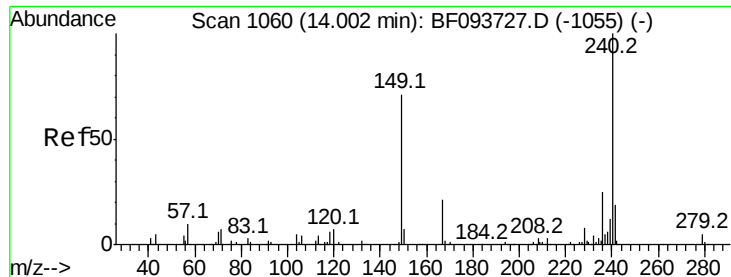
101 13.4 0.0 33.2

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: 14.00 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

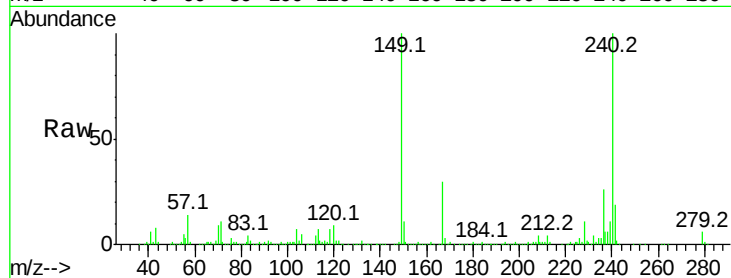
Tot Ion:240 Resp: 435357

Ion Ratio Lower Upper

240 100

120 8.5 5.8 8.8

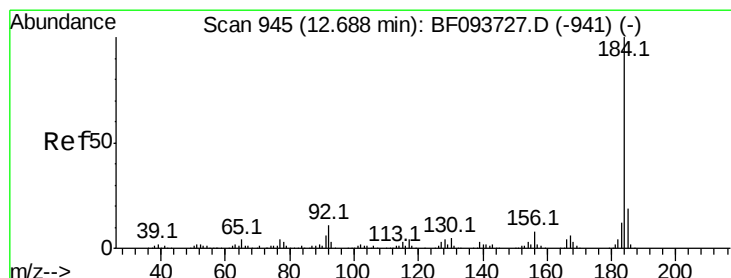
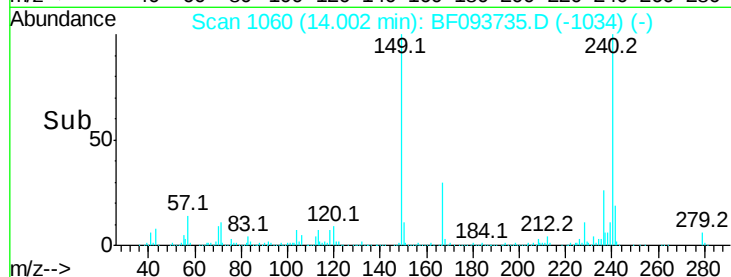
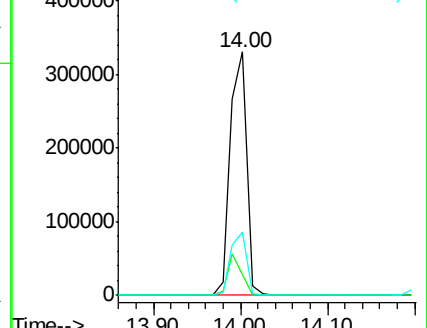
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.28 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

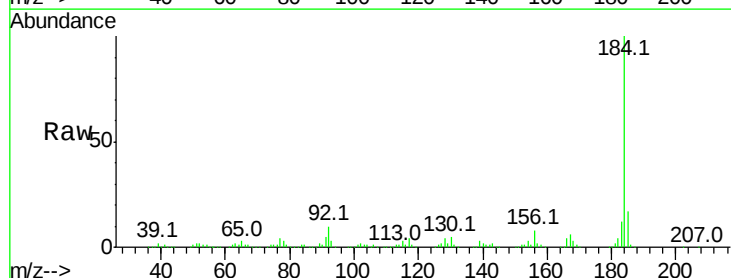
Tgt Ion:184 Resp: 651206

Ion Ratio Lower Upper

184 100

185 17.0 15.5 23.3

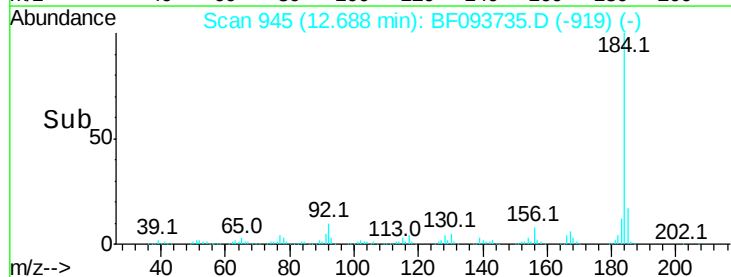
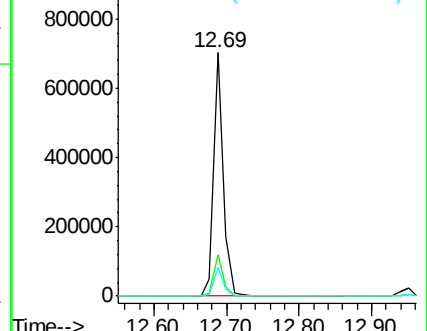
183 11.9 9.8 14.6

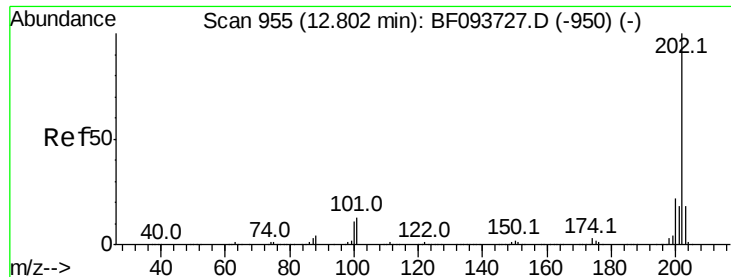


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



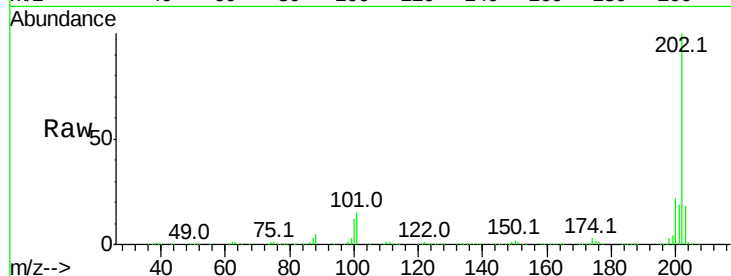


#77
Pvrene
Concen: 47.43 ng
RT: 12.80 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

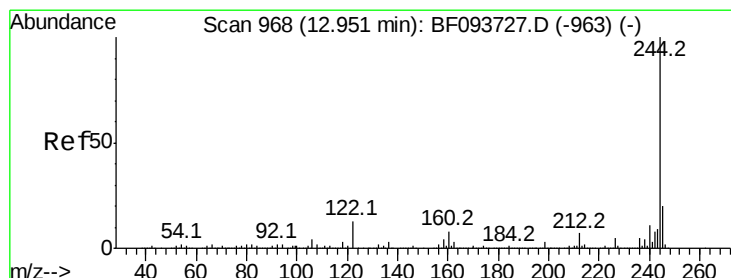
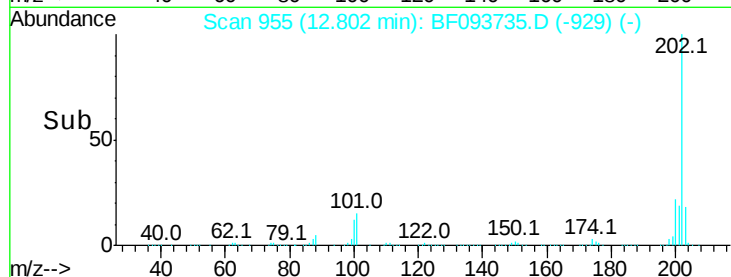
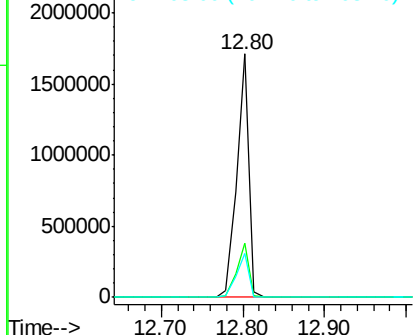
Instrument :
BNA_F
ClientSampleId :
PB97674BS

Tot Ion:202 Resp: 1755952

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.0	14.4	21.6



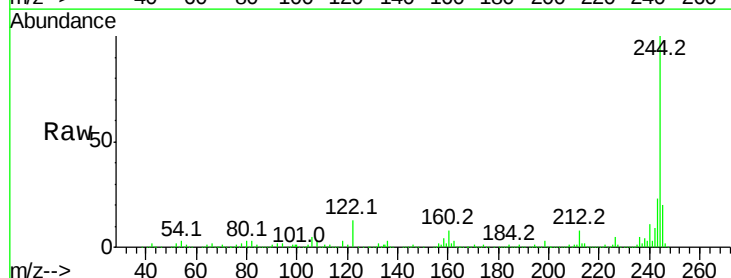
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



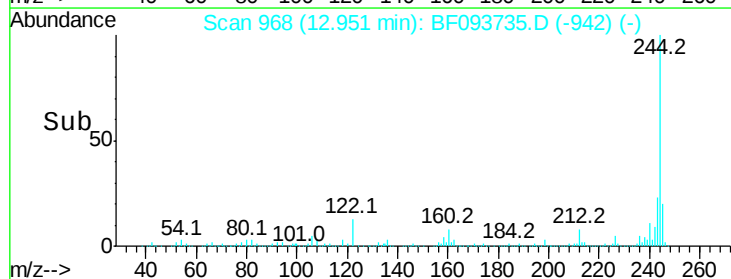
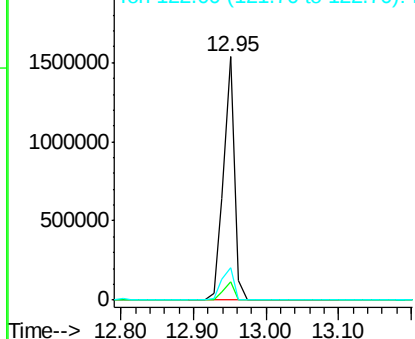
#78
Terphenyl-d14
Concen: 79.87 ng
RT: 12.95 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

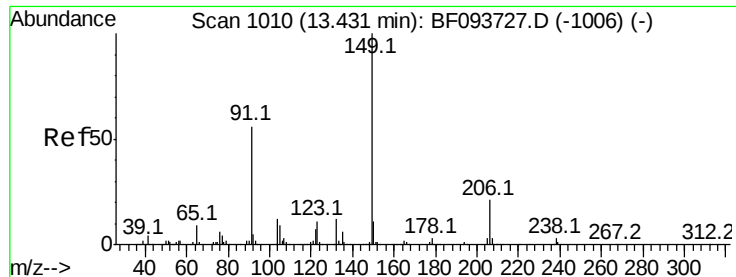
Tgt Ion:244 Resp: 1615463

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.3	10.3	15.5



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





#79

Butylbenzylphthalate

Concen: 54.83 ng

RT: 13.43 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

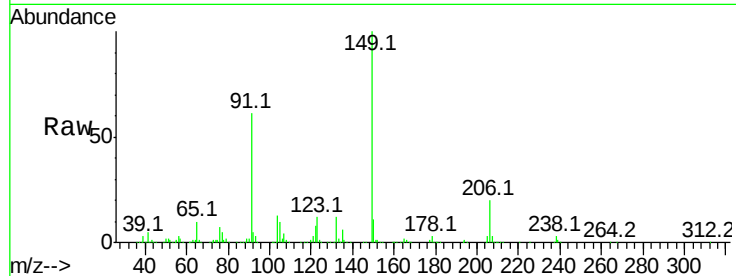
Tot Ion:149 Resp: 862454

Ion Ratio Lower Upper

149 100

91 61.1 45.0 67.4

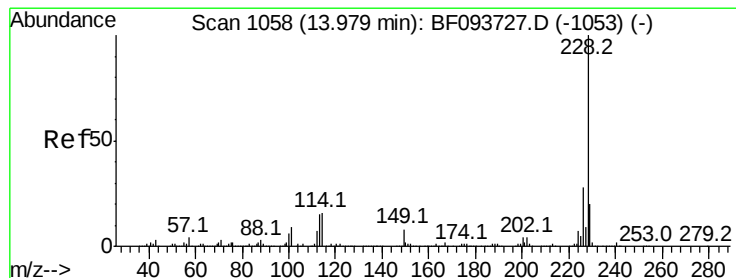
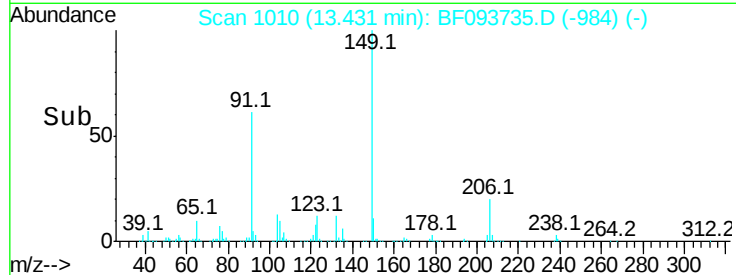
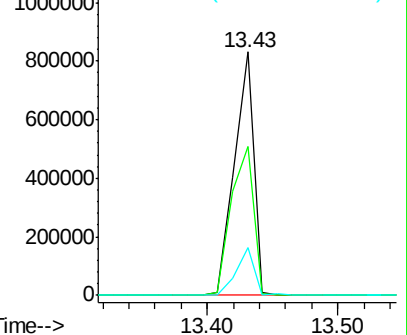
206 19.8 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.39 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

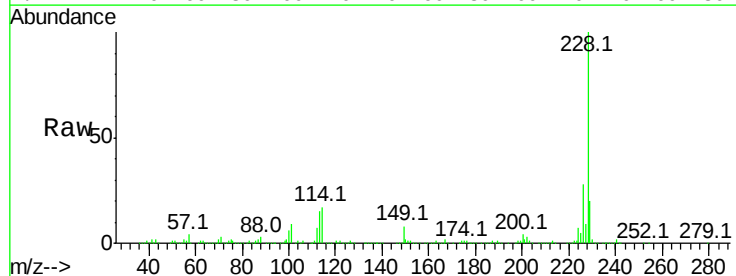
Tgt Ion:228 Resp: 1324249

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

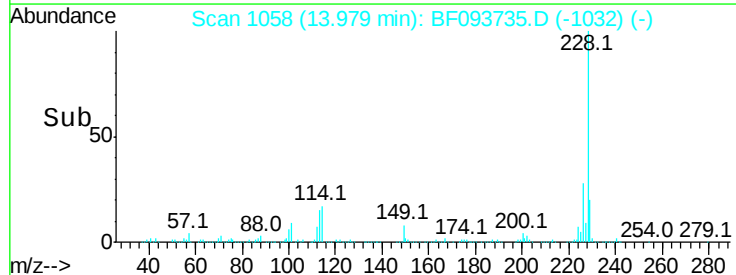
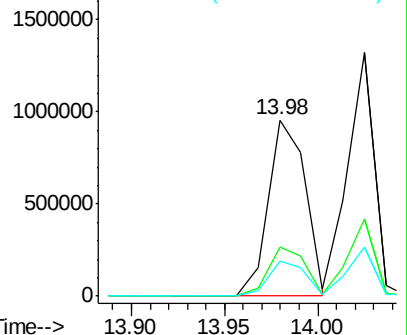
229 20.1 16.3 24.5

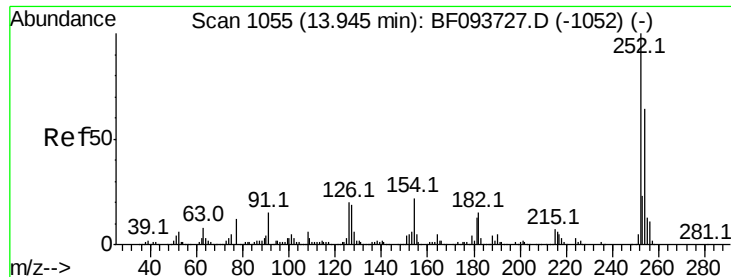


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

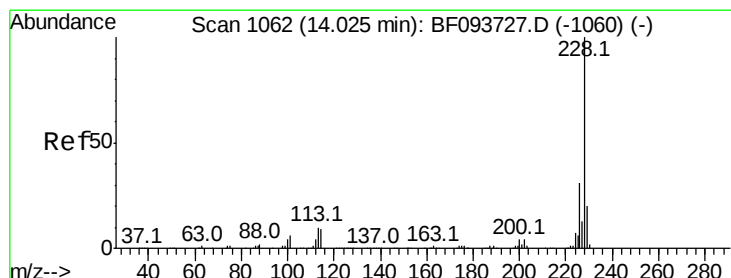
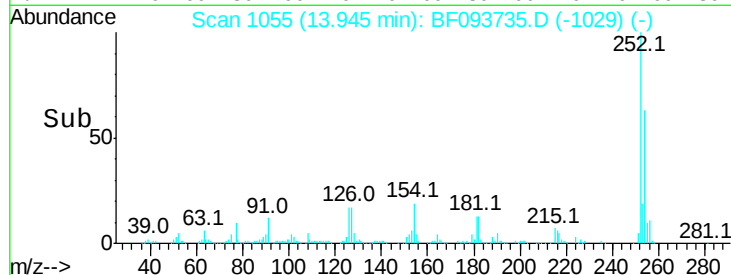
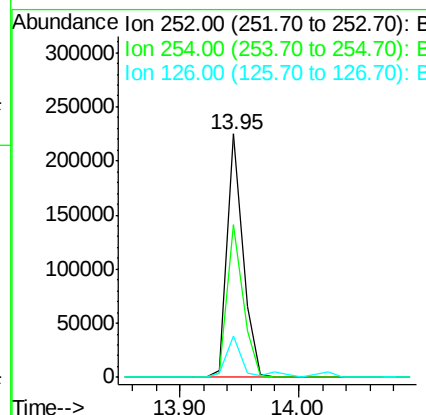
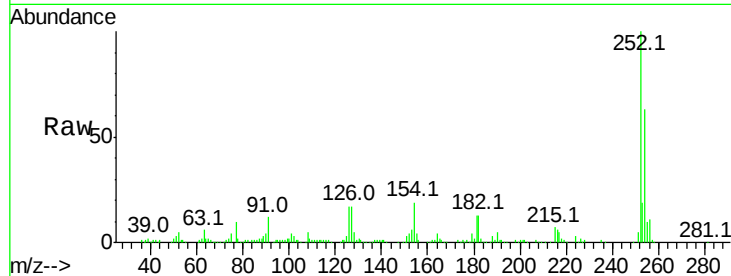




#81
 3,3'-Dichlorobenzidine
 Concen: 21.05 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

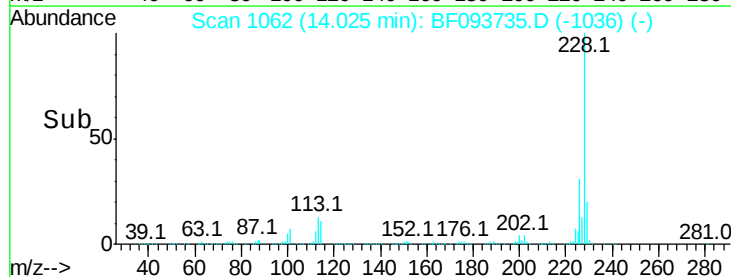
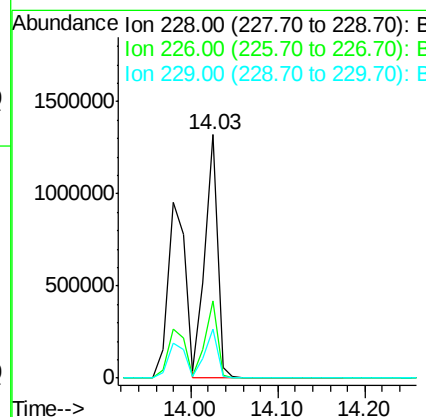
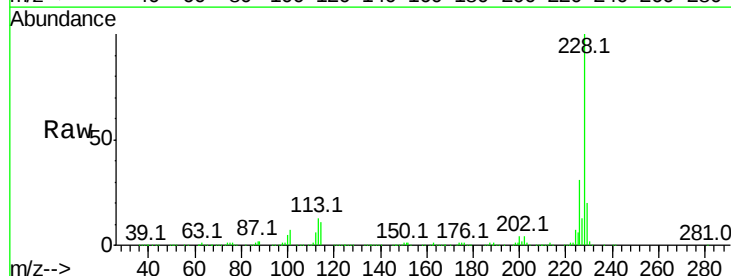
Instrument :
 BNA_F
 ClientSampleId :
 PB97674BS

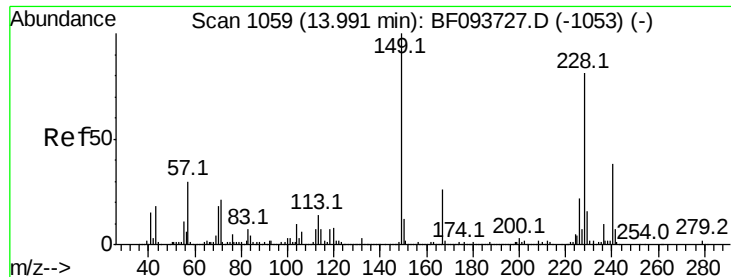
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.5	77.3
126	16.9	15.8	23.8



#82
 Chrysene
 Concen: 48.73 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.1	15.8	23.6

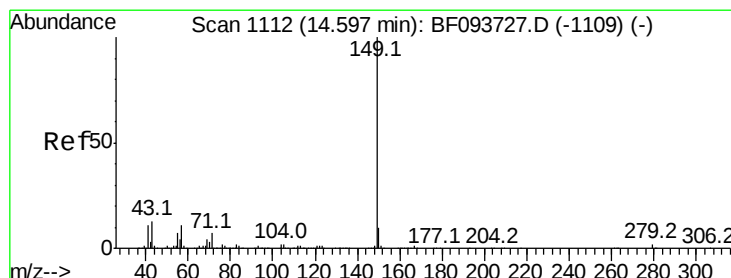
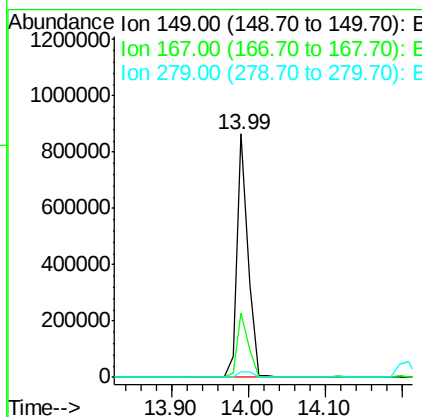
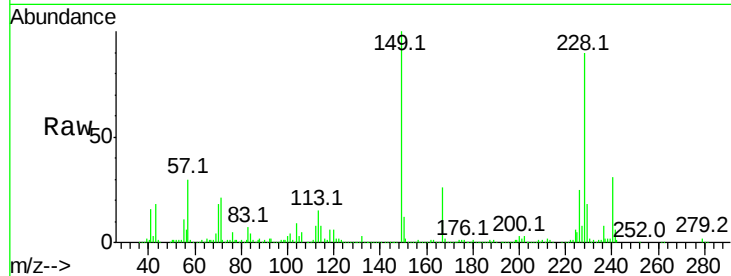




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.06 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

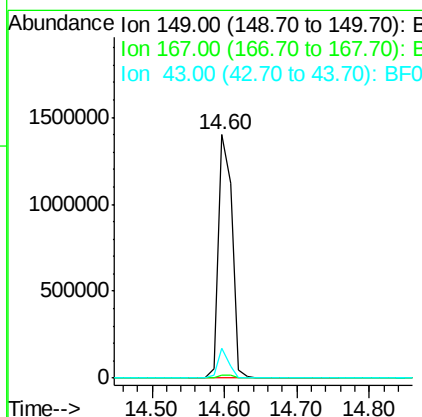
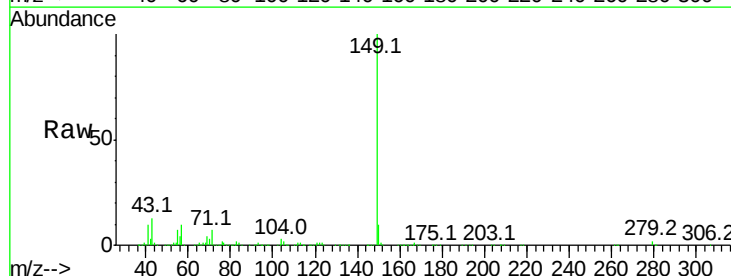
Instrument :
 BNA_F
 ClientSampleId :
 PB97674BS

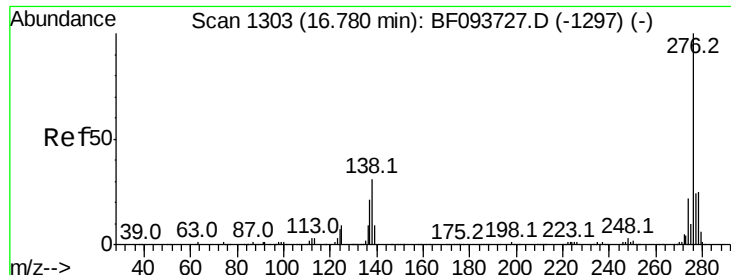
Tot Ion:	149	Resp:	883054
Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	2.3	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 56.92 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Tgt Ion:	149	Resp:	1814857
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.1	8.5	12.7



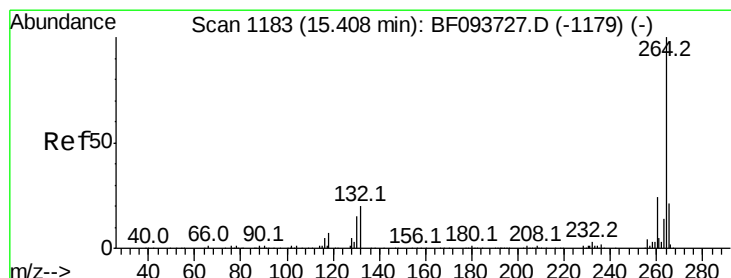
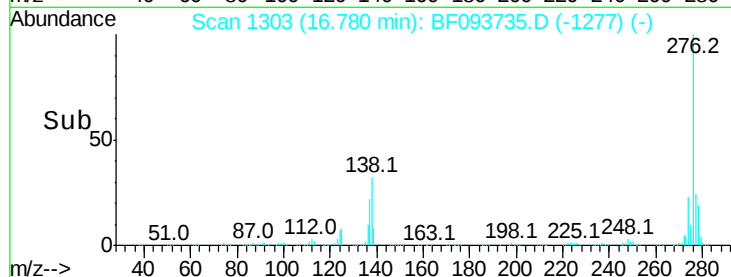
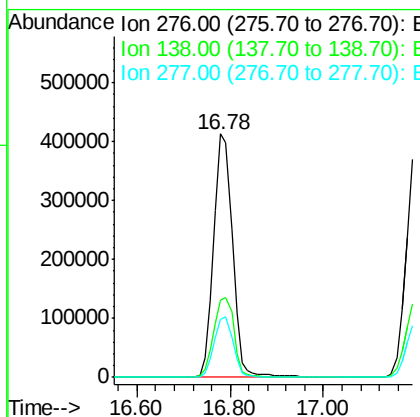
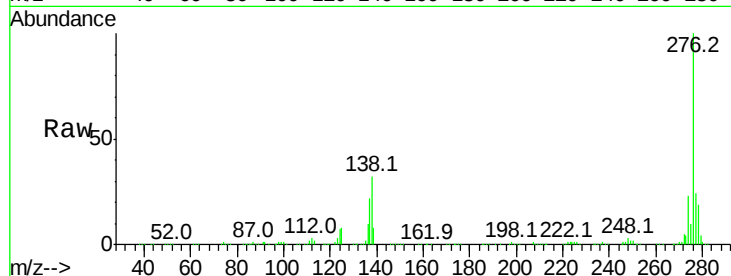


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.05 ng
 RT: 16.78 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Instrument :
 BNA_F
 ClientSampled :
 PB97674BS

Tot Ion:276 Resp: 1167638

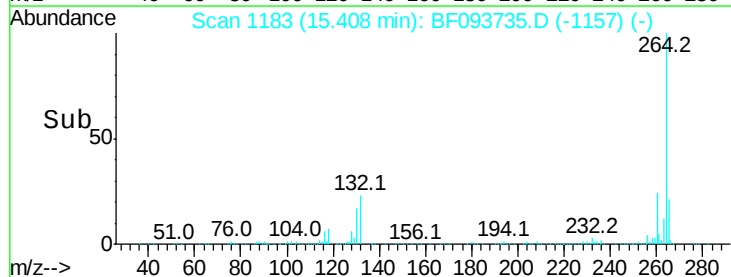
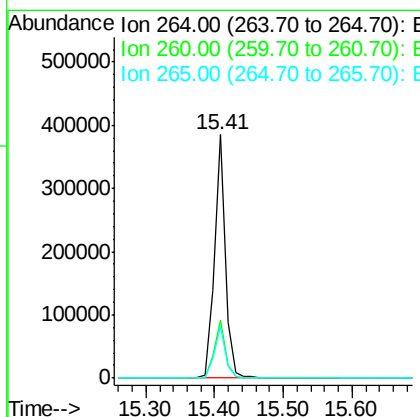
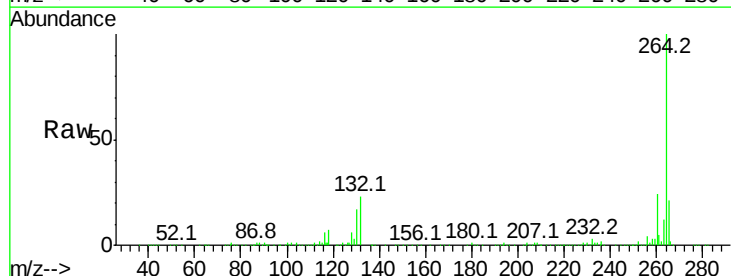
Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	25.2	20.2	30.4

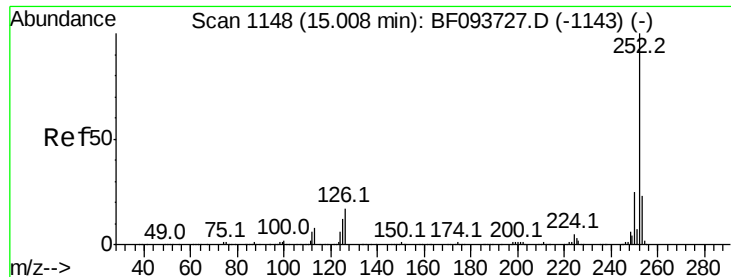


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF093735.D
 Acq: 18 Mar 2017 6:26

Tgt Ion:264 Resp: 437674

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.72 ng

RT: 15.01 min Scan# 1148

Delta R.T. -0.00 min

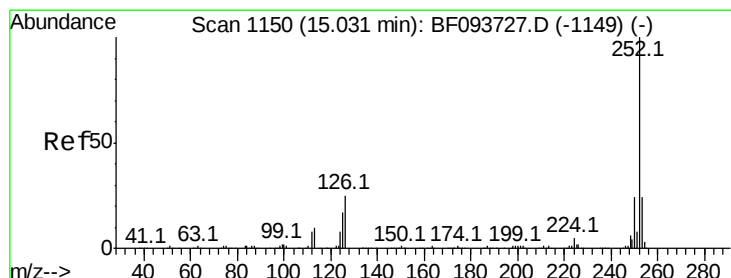
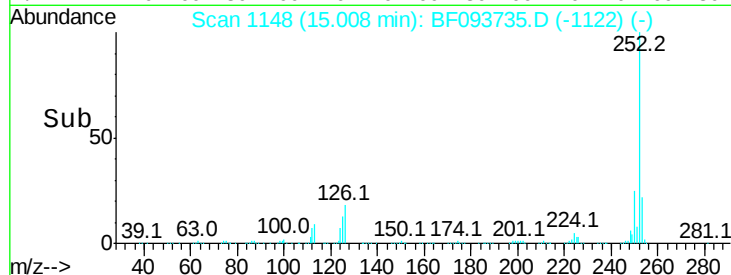
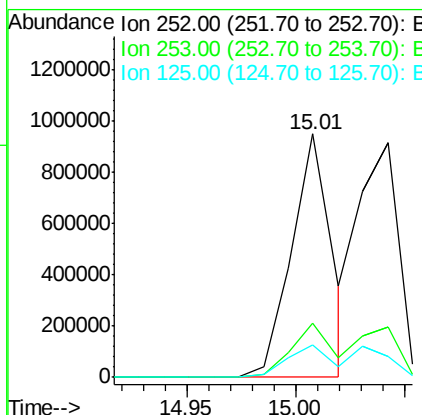
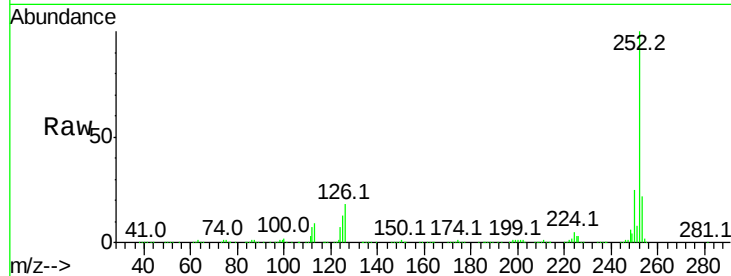
Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :
BNA_F
ClientSampleId :
PB97674BS

Tot Ion:252 Resp: 1212868

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.4	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 49.47 ng

RT: 15.01 min Scan# 1148

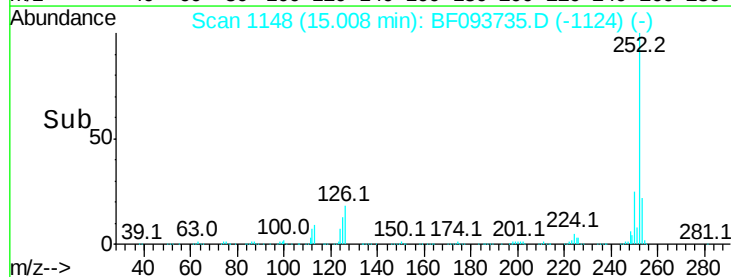
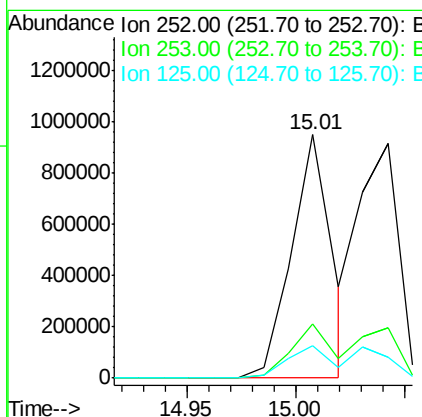
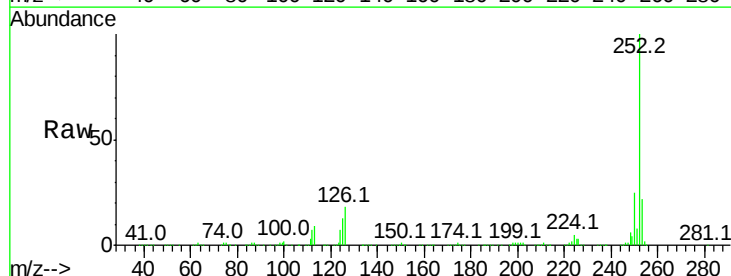
Delta R.T. -0.02 min

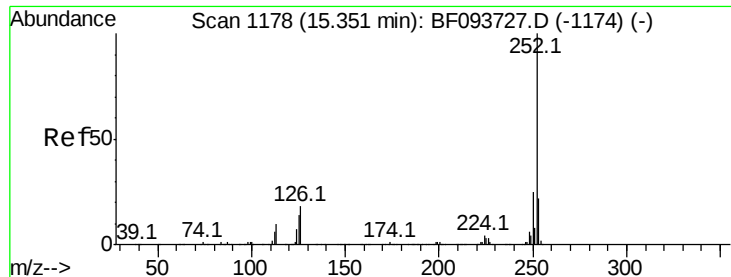
Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Tgt Ion:252 Resp: 1212868

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.4	13.1	19.7

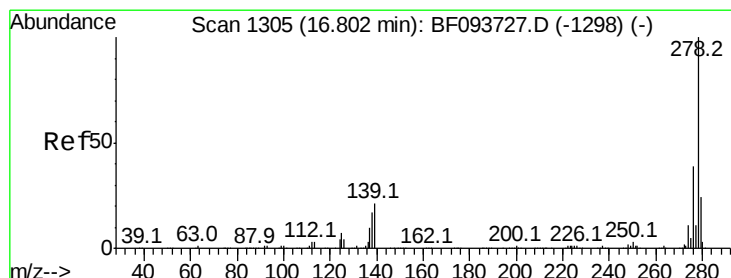
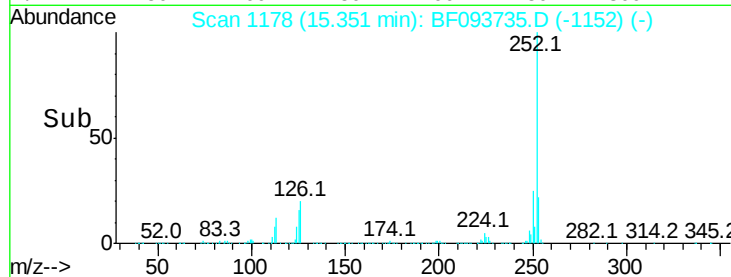
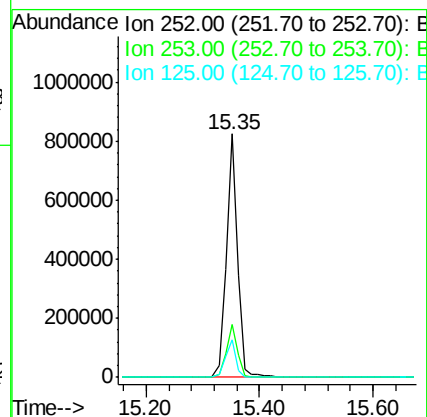
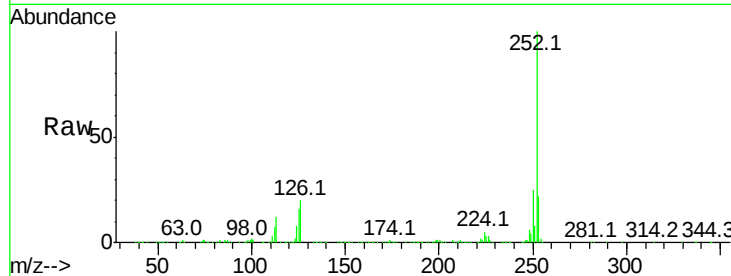




#89
Benzo(a)pyrene
Concen: 45.83 ng
RT: 15.35 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

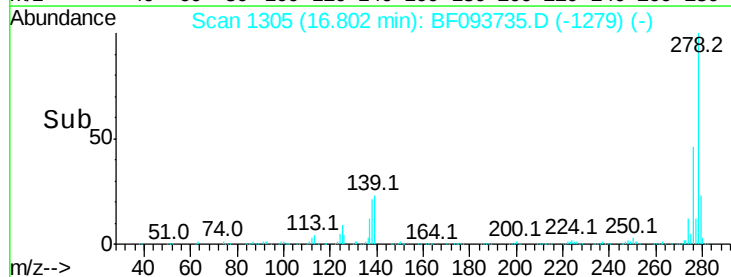
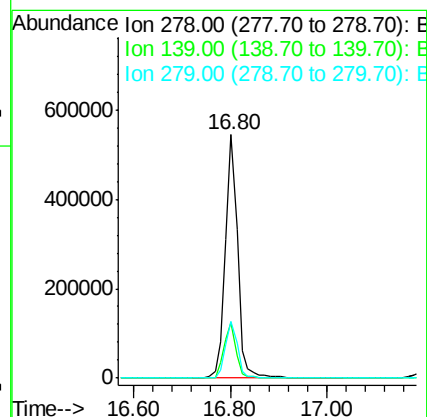
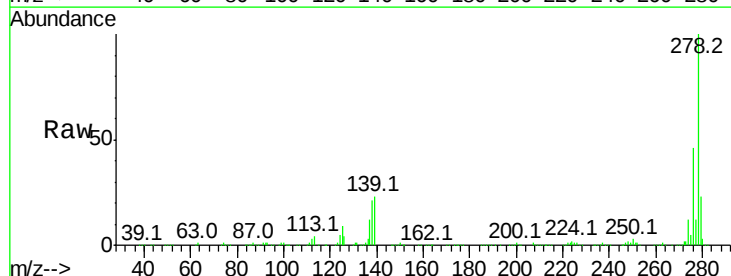
Instrument :
BNA_F
ClientSampled :
PB97674BS

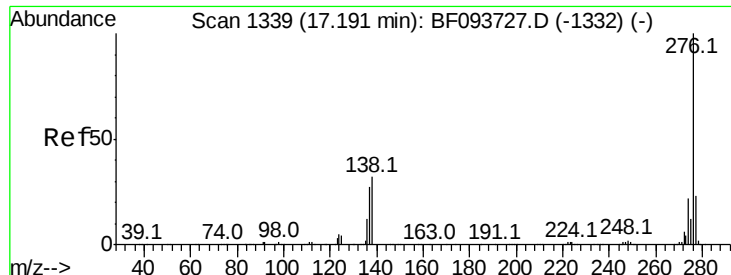
Tot Ion:252 Resp: 1123782
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 15.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 47.09 ng
RT: 16.80 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF093735.D
Acq: 18 Mar 2017 6:26

Tgt Ion:278 Resp: 976812
Ion Ratio Lower Upper
278 100
139 23.0 16.6 24.8
279 23.4 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 46.62 ng

RT: 17.20 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF093735.D

Acq: 18 Mar 2017 6:26

Instrument :

BNA_F

ClientSampleId :

PB97674BS

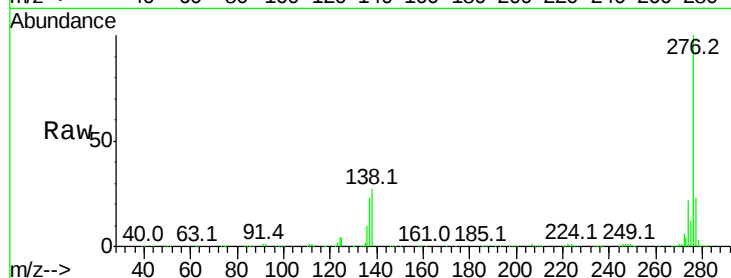
Tot Ion:276 Resp: 983448

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 27.4 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

