

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093609.D
 Acq On : 13 Mar 2017 16:07
 Operator : SJ/MA
 Sample : PB97540BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97540BS

Quant Time: Mar 14 01:02:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	164317	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	691794	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	316997	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	536280	20.00	ng	0.00
75) Chrysene-d12	13.90	240	338336	20.00	ng	0.01
86) Perylene-d12	15.31	264	265589	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1261017	127.73	ng	-0.01
7) Phenol-d6	6.38	99	1574300	126.45	ng	0.00
23) Nitrobenzene-d5	7.29	82	1013856	81.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	278229	134.72	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1582302	92.84	ng	0.00
78) Terphenyl-d14	12.84	244	1160766	89.20	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	154574	28.42	ng	# 81
3) Pyridine	2.89	79	380649	27.45	ng	87
4) n-Nitrosodimethylamine	2.85	42	259942	39.25	ng	84
6) Aniline	6.38	93	454370	26.59	ng	# 79
8) 2-Chlorophenol	6.50	128	456242	41.24	ng	94
9) Benzaldehyde	6.29	77	40263	3.50	ng	95
10) Phenol	6.39	94	622444	40.80	ng	80
11) bis(2-Chloroethyl)ether	6.45	93	540959	43.87	ng	91
12) 1,3-Dichlorobenzene	6.64	146	501904	39.64	ng	# 89
13) 1,4-Dichlorobenzene	6.72	146	513014	39.57	ng	100
14) 1,2-Dichlorobenzene	6.88	146	445546	38.81	ng	96
15) Benzyl Alcohol	6.87	79	404134	45.54	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	798804	39.00	ng	# 47
17) 2-Methylphenol	7.00	107	391118	41.80	ng	# 89
18) Hexachloroethane	7.21	117	173640	39.72	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	334127	39.04	ng	90
20) 3+4-Methylphenols	7.16	107	528875	43.59	ng	# 73
22) Acetophenone	7.13	105	640445	38.47	ng	# 97
24) Nitrobenzene	7.30	77	527695	37.66	ng	96
25) Isophorone	7.54	82	964951	38.38	ng	# 93
26) 2-Nitrophenol	7.62	139	264955	41.44	ng	91
27) 2,4-Dimethylphenol	7.68	122	399656	38.43	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	623761	39.30	ng	100
29) 2,4-Dichlorophenol	7.89	162	404706	41.36	ng	94
30) 1,2,4-Trichlorobenzene	7.94	180	393433	37.81	ng	95
31) Naphthalene	8.02	128	1301839	37.55	ng	99
32) Benzoic acid	7.85	122	283362	52.43	ng	98
33) 4-Chloroaniline	8.09	127	291918	20.75	ng	98
34) Hexachlorobutadiene	8.14	225	208041	38.82	ng	98
35) Caprolactam	8.47	113	134006	40.10	ng	# 28
36) 4-Chloro-3-methylphenol	8.60	107	456657	43.73	ng	99
37) 2-Methylnaphthalene	8.72	142	874146	39.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	366714	42.37	ng	99
40) Hexachlorocyclopentadiene	8.87	237	186008	84.38	ng	98

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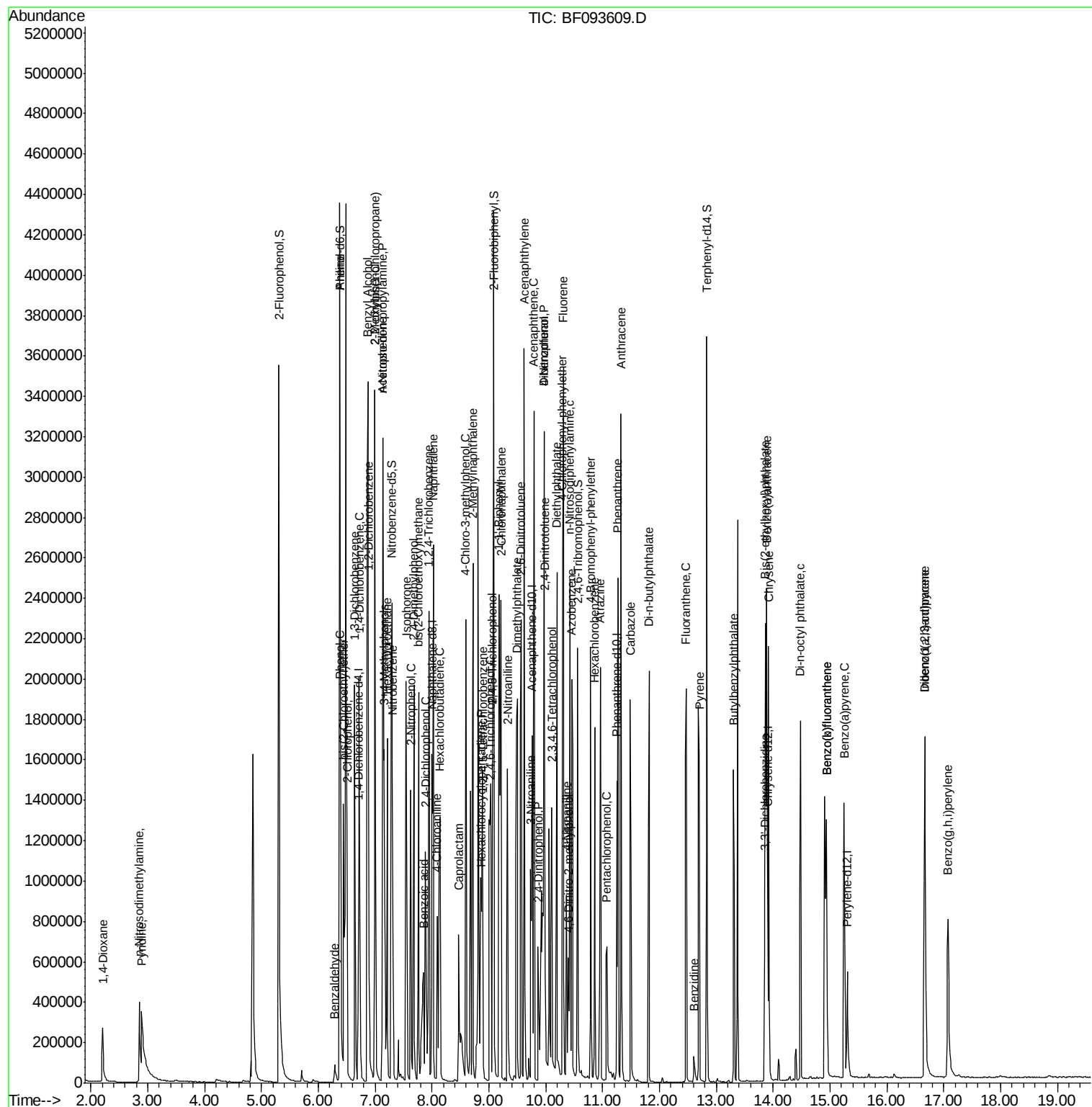
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42) 2,4,6-Trichlorophenol	9.02	196	258423	47.78	ng	94
43) 2,4,5-Trichlorophenol	9.06	196	266982	46.01	ng	97
45) 1,1'-Biphenyl	9.18	154	980064	42.44	ng	95
46) 2-Chloronaphthalene	9.21	162	840880	47.57	ng	97
47) 2-Nitroaniline	9.33	65	303305	48.54	ng	88
48) Acenaphthylene	9.62	152	1291450	44.30	ng	99
49) Dimethylphthalate	9.50	163	972197	46.26	ng	100
50) 2,6-Dinitrotoluene	9.57	165	227670	49.37	ng	# 83
51) Acenaphthene	9.80	154	762833	44.25	ng	97
52) 3-Nitroaniline	9.74	138	164527	29.70	ng	90
53) 2,4-Dinitrophenol	9.86	184	177951	84.74	ng	# 53
54) Dibenzofuran	9.97	168	1056741	48.98	ng	99
55) 4-Nitrophenol	9.97	139	657702	244.42	ng	# 10
56) 2,4-Dinitrotoluene	9.98	165	281613	49.71	ng	# 91
57) Fluorene	10.31	166	796155	43.54	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	208027	50.80	ng	97
59) Diethylphthalate	10.20	149	968293	48.21	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	365696	44.62	ng	96
61) 4-Nitroaniline	10.37	138	230779	40.73	ng	87
62) Azobenzene	10.46	77	1159490	50.80	ng	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	116607	33.56	ng	87
65) n-Nitrosodiphenylamine	10.42	169	719011	40.15	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	218008	38.44	ng	95
67) Hexachlorobenzene	10.86	284	216355	39.95	ng	# 75
68) Atrazine	10.96	200	195598	37.32	ng	100
69) Pentachlorophenol	11.08	266	130893	70.01	ng	99
70) Phenanthrene	11.27	178	1197299	39.11	ng	99
71) Anthracene	11.33	178	1243492	40.16	ng	99
72) Carbazole	11.49	167	1032819	35.51	ng	99
73) Di-n-butylphthalate	11.82	149	1348859	40.08	ng	# 95
74) Fluoranthene	12.47	202	1137069	38.46	ng	93
76) Benzidine	12.61	184	82700	7.43	ng	96
77) Pyrene	12.70	202	1102640	44.81	ng	98
79) Butylbenzylphthalate	13.31	149	479510	46.29	ng	96
80) Benzo(a)anthracene	13.89	228	849012	42.49	ng	99
81) 3,3'-Dichlorobenzidine	13.85	252	245925	35.14	ng	# 95
82) Chrysene	13.92	228	698292	37.77	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	621764	43.07	ng	99
84) Di-n-octyl phthalate	14.48	149	977736	40.63	ng	99
85) Indeno(1,2,3-cd)pyrene	16.67	276	783060	50.61	ng	# 94
87) Benzo(b)fluoranthene	14.94	252	1342312	82.99	ng	97
88) Benzo(k)fluoranthene	14.94	252	1342312	86.05	ng	97
89) Benzo(a)pyrene	15.25	252	650487	44.00	ng	97
90) Dibenzo(a,h)anthracene	16.67	278	657331	53.75	ng	96
91) Benzo(g,h,i)perylene	17.08	276	694343	55.32	ng	# 91

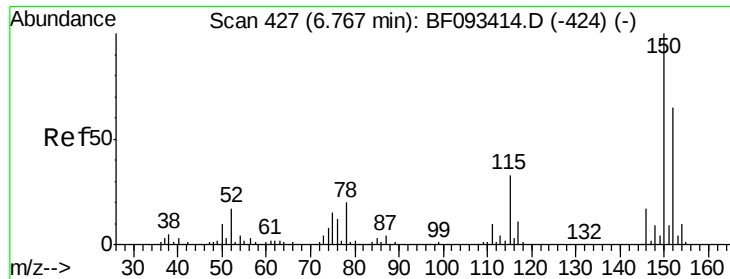
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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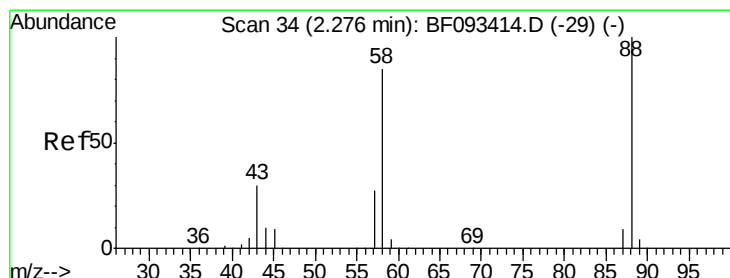
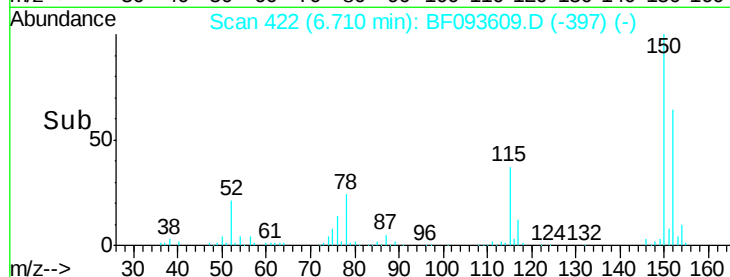
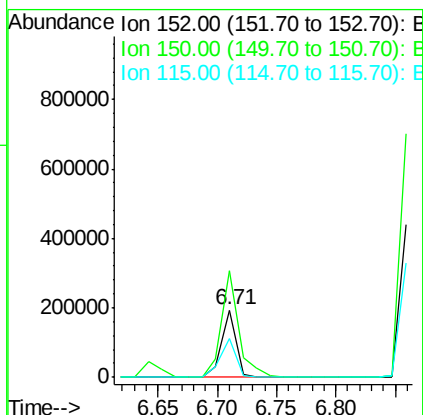
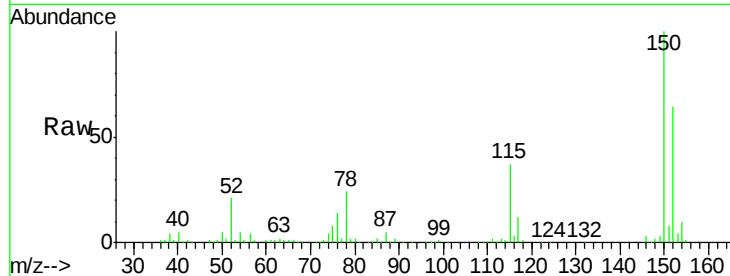


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Instrument :
BNA_F
ClientSampleId :
PB97540BS

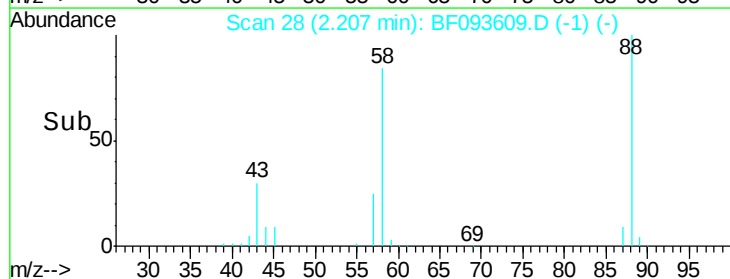
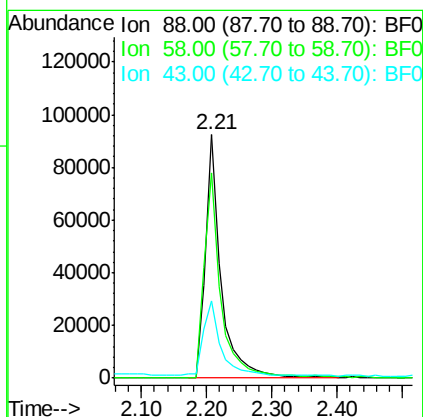
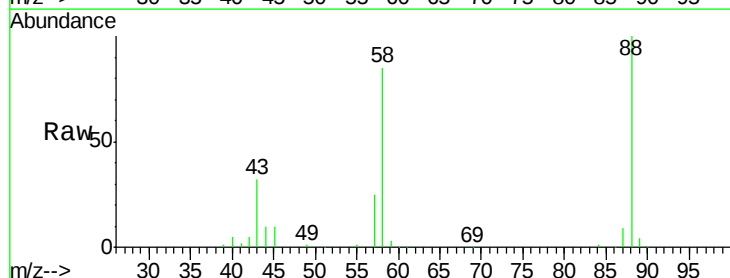
Tgt Ion:152 Resp: 164317
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 57.7 46.0 69.0

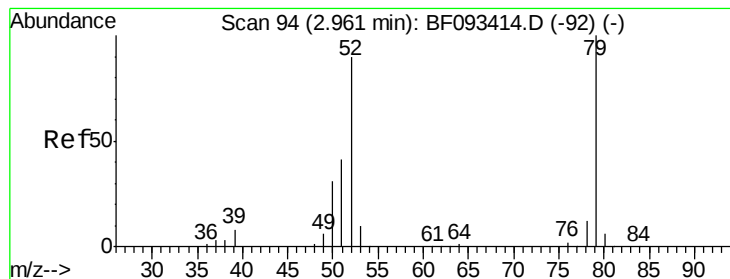


#2

1,4-Dioxane
Concen: 28.42 ng
RT: 2.21 min Scan# 28
Delta R.T. 0.02 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Tgt Ion: 88 Resp: 154574
Ion Ratio Lower Upper
88 100
58 89.1 57.8 86.8#
43 36.2 22.3 33.5#





#3

Pyridine

Concen: 27.45 ng

RT: 2.89 min Scan# 88

Delta R.T. 0.03 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

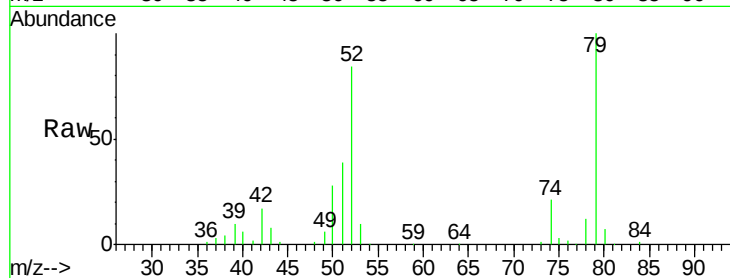
Tgt Ion: 79 Resp: 380649

Ion Ratio Lower Upper

79 100

52 84.3 57.1 85.7

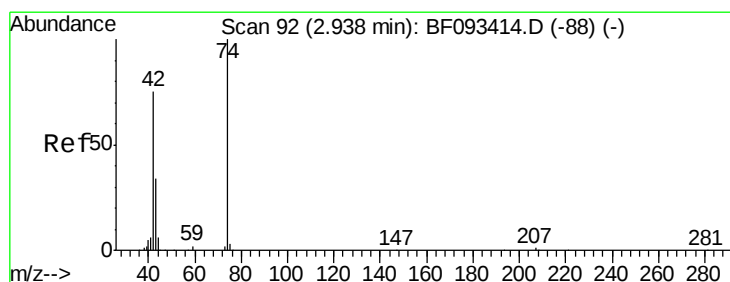
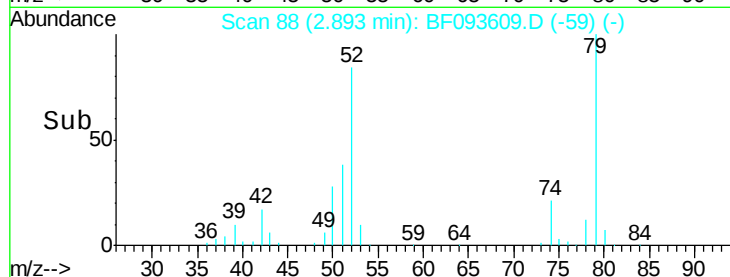
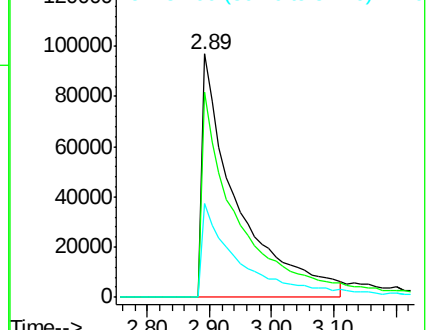
51 38.8 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.25 ng

RT: 2.85 min Scan# 84

Delta R.T. 0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

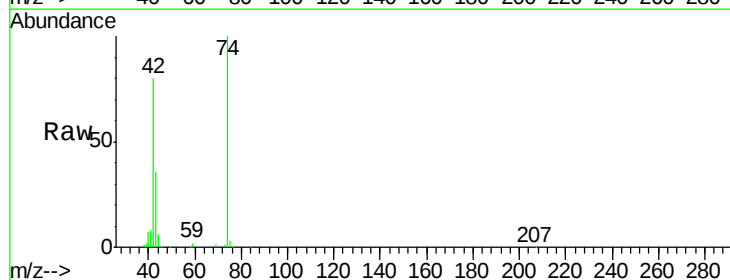
Tgt Ion: 42 Resp: 259942

Ion Ratio Lower Upper

42 100

74 125.2 117.0 175.4

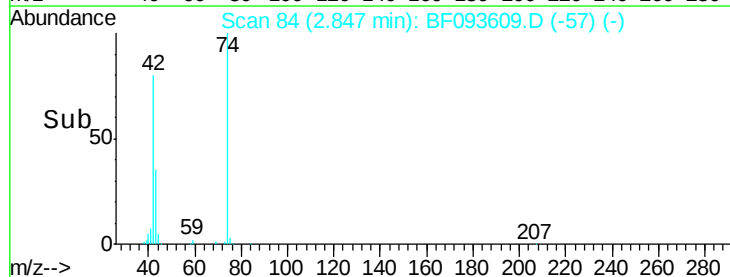
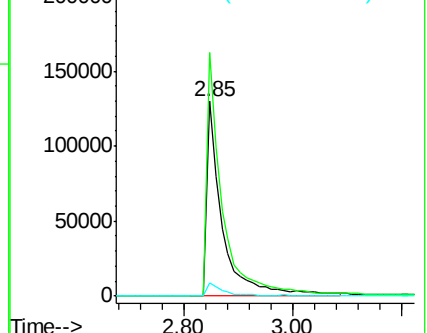
44 7.1 5.5 8.3

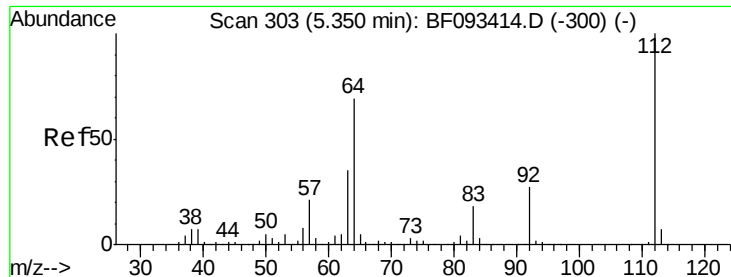


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.73 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

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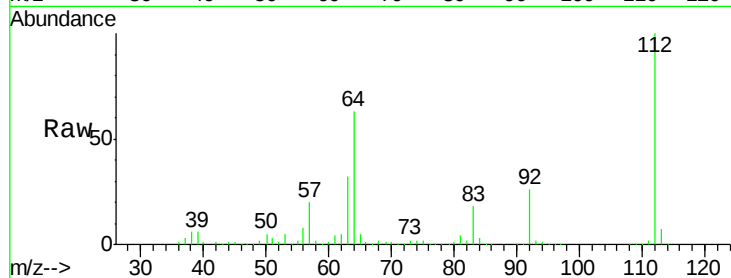
Tgt Ion: 112 Resp: 1261017

Ion Ratio Lower Upper

112 100

64 63.2 46.1 69.1

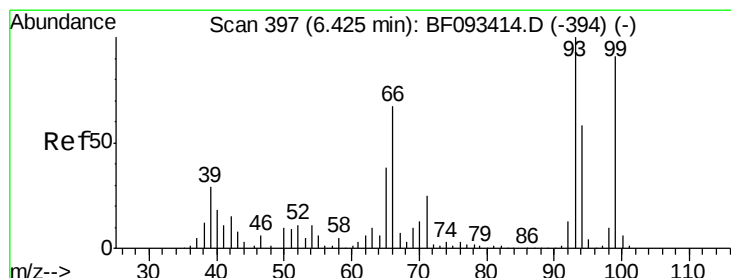
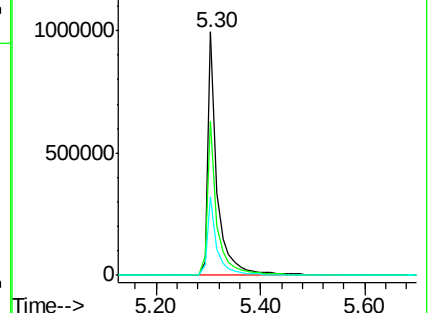
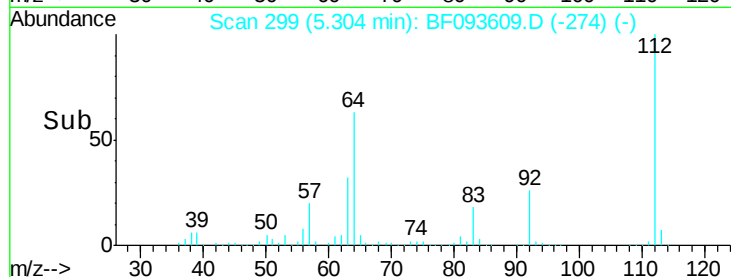
63 32.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.59 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

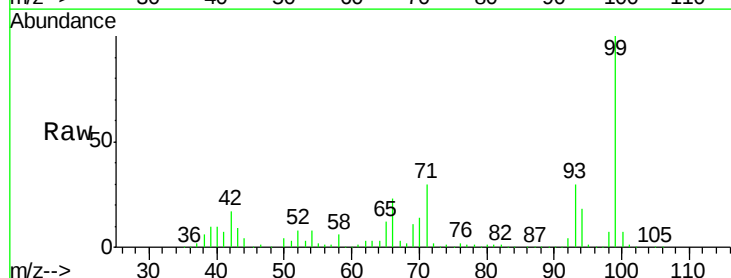
Tgt Ion: 93 Resp: 454370

Ion Ratio Lower Upper

93 100

66 78.9 76.2 114.2

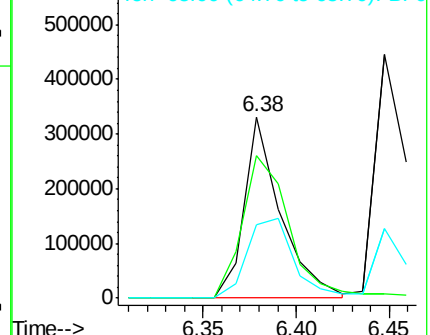
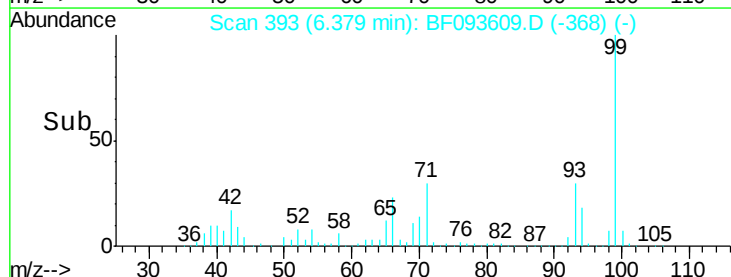
65 40.6 49.3 73.9#

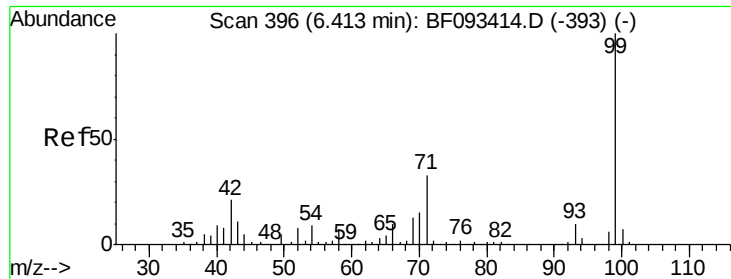


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.45 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampled :

PB97540BS

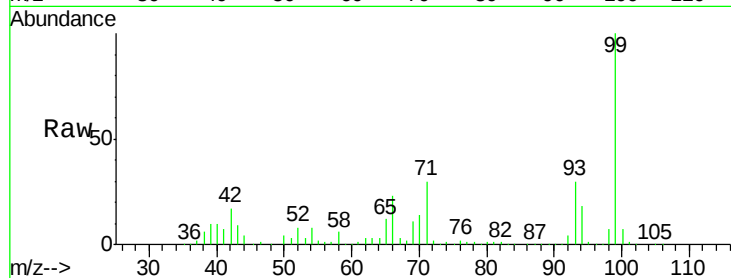
Tgt Ion: 99 Resp: 1574300

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

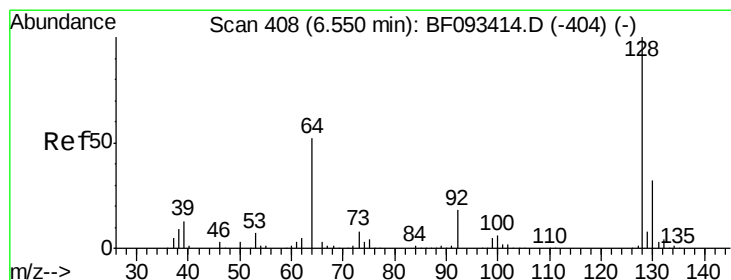
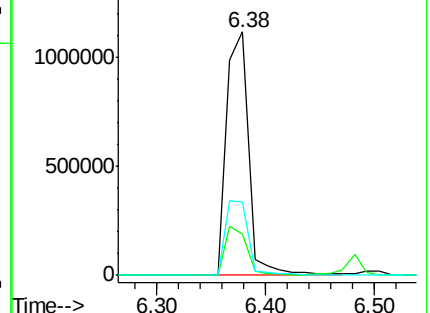
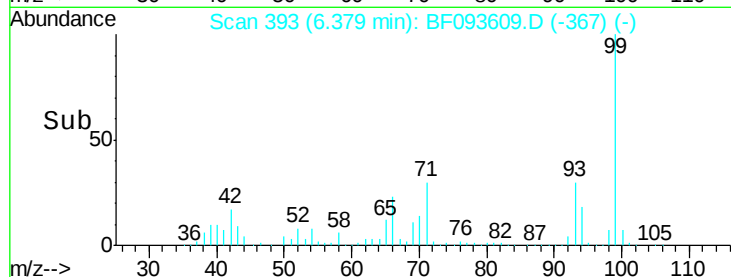
71 30.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.24 ng

RT: 6.50 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

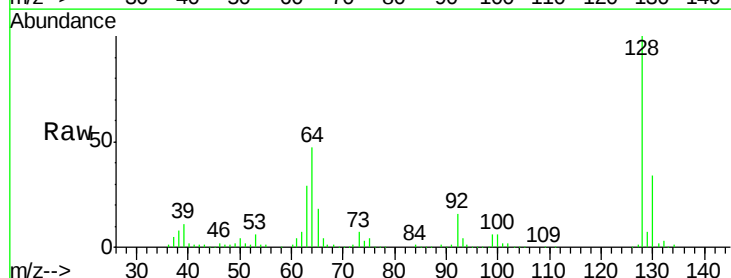
Tgt Ion: 128 Resp: 456242

Ion Ratio Lower Upper

128 100

130 33.8 12.3 52.3

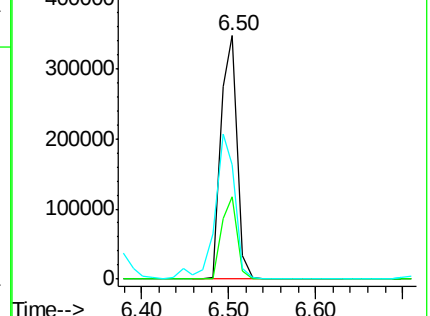
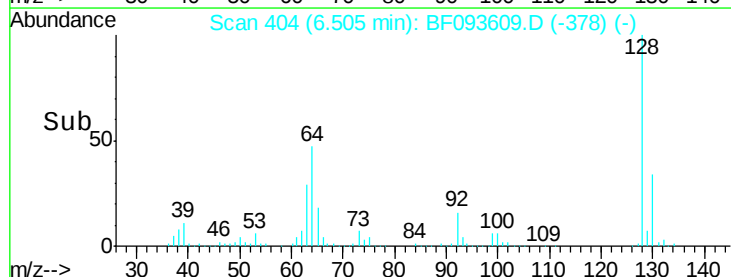
64 46.9 32.2 72.2

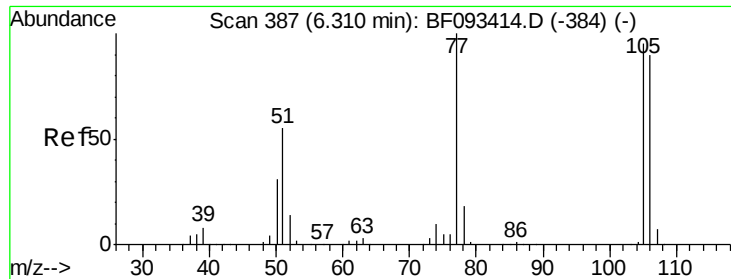


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.50 ng

RT: 6.29 min Scan# 385

Delta R.T. 0.01 min

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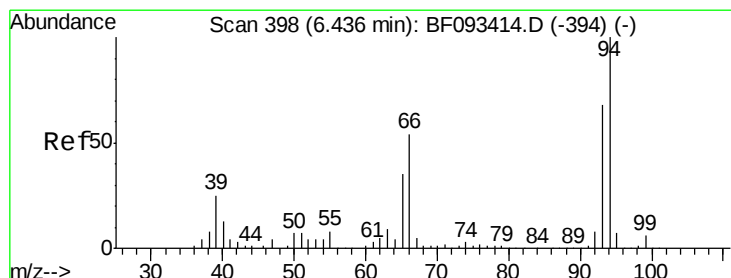
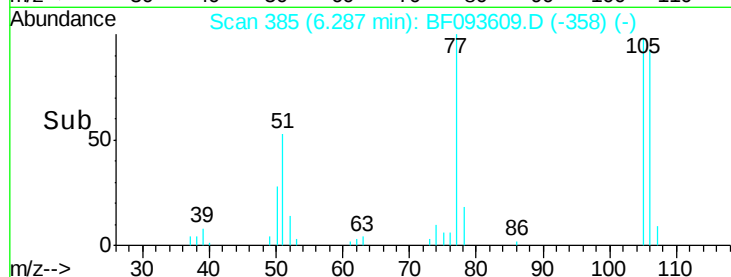
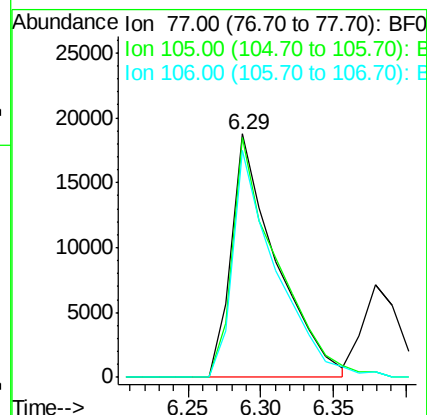
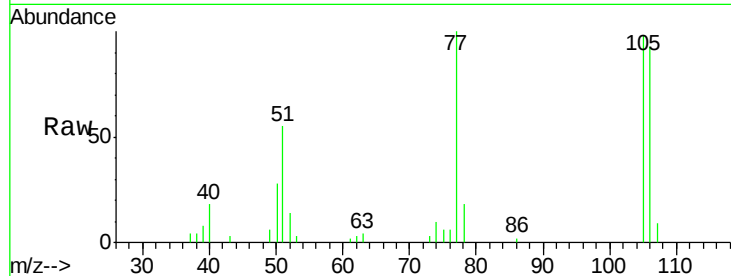
Tgt Ion: 77 Resp: 40263

Ion Ratio Lower Upper

77 100

105 98.5 83.9 123.9

106 93.3 77.6 117.6



#10

Phenol

Concen: 40.80 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

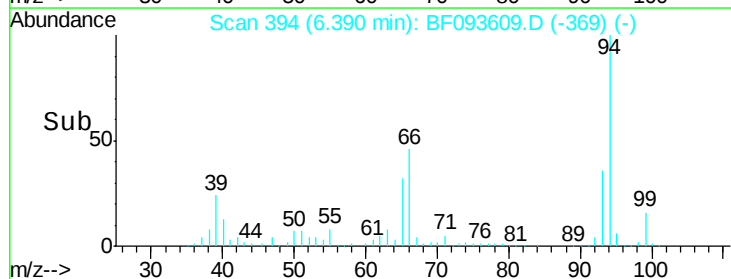
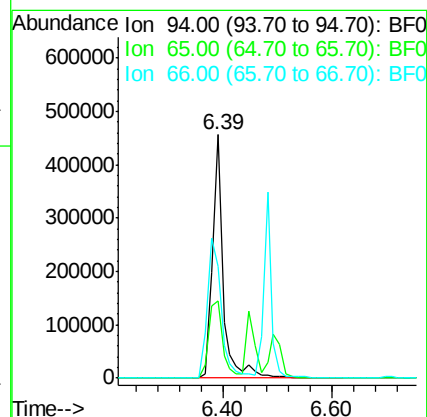
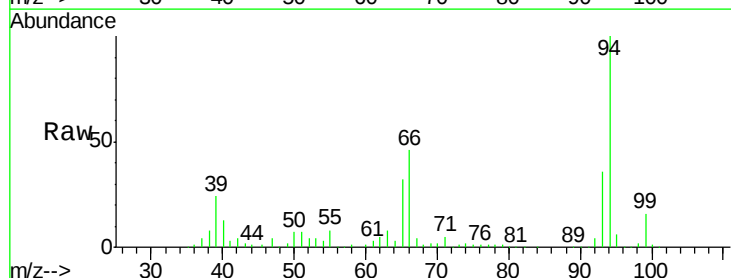
Tgt Ion: 94 Resp: 622444

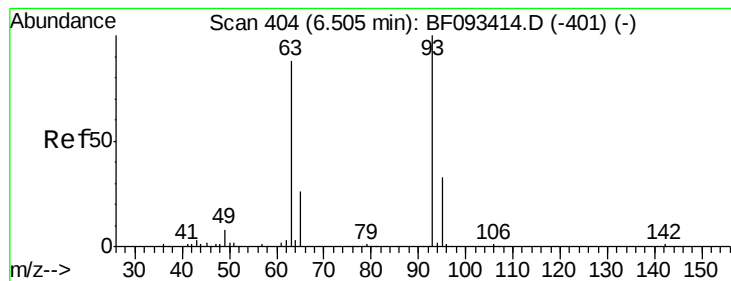
Ion Ratio Lower Upper

94 100

65 32.0 21.4 61.4

66 45.8 44.0 84.0

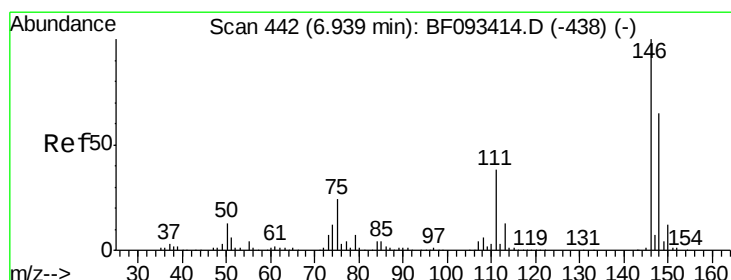
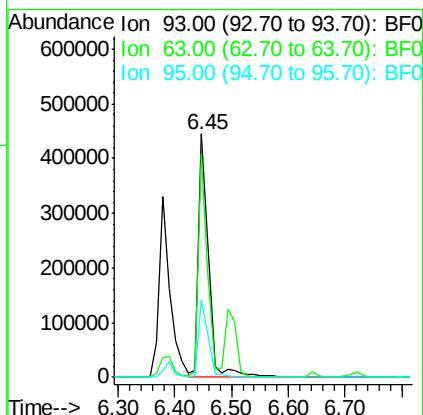
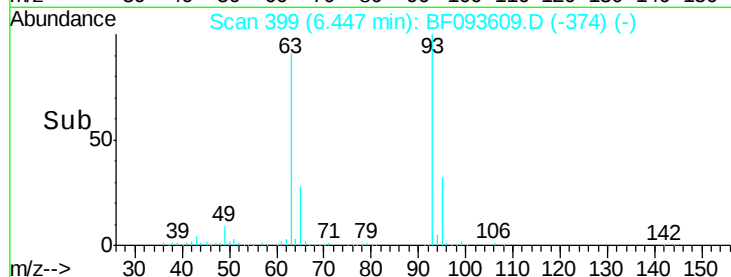
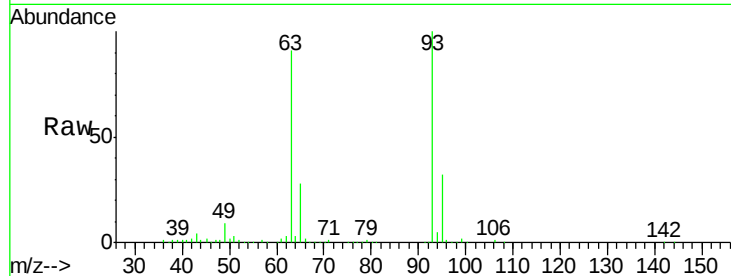




#11
bis(2-Chloroethyl)ether
Concen: 43.87 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

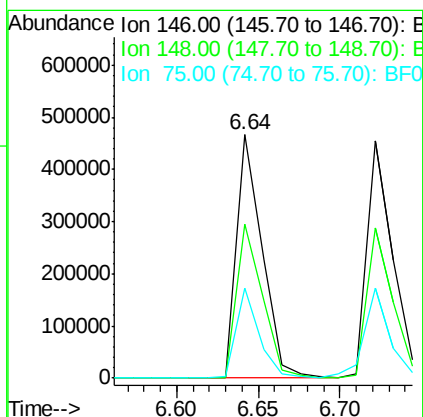
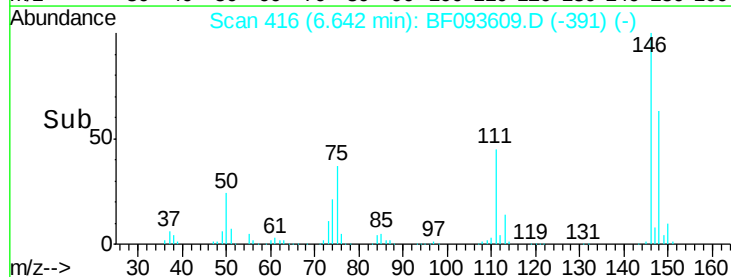
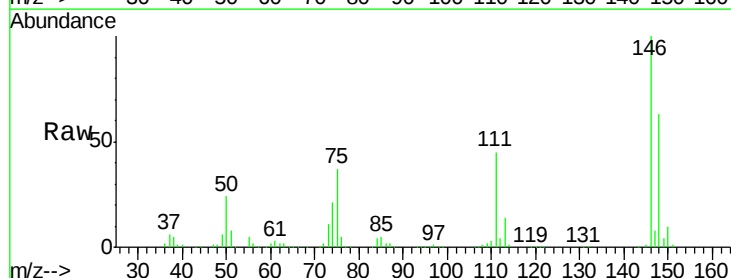
Instrument :
BNA_F
ClientSampleId :
PB97540BS

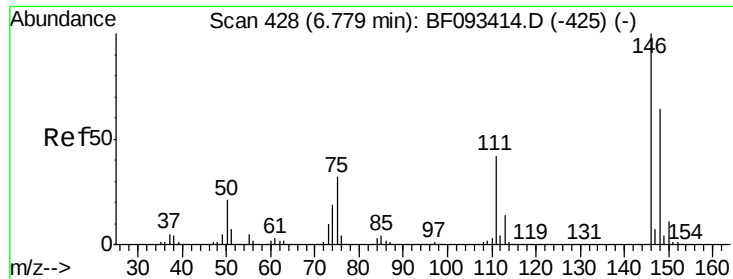
Tgt Ion: 93 Resp: 540959
Ion Ratio Lower Upper
93 100
63 91.5 60.4 100.4
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.64 ng
RT: 6.64 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Tgt Ion: 146 Resp: 501904
Ion Ratio Lower Upper
146 100
148 63.2 53.4 80.0
75 36.8 18.5 27.7#

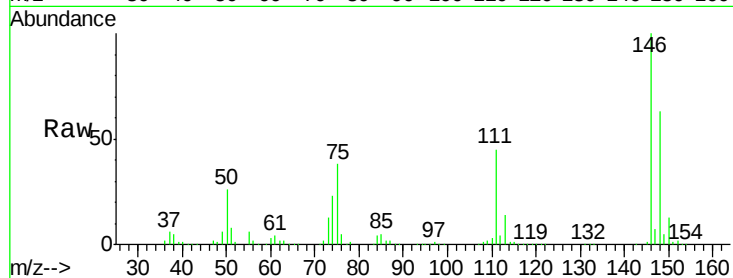




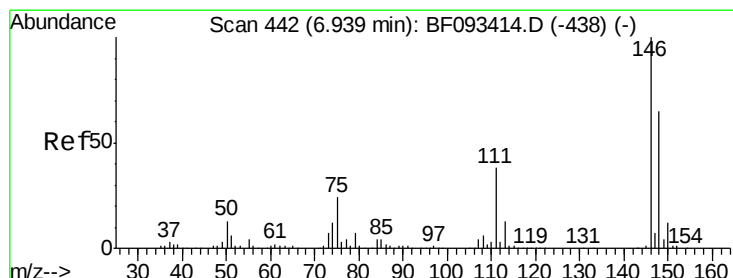
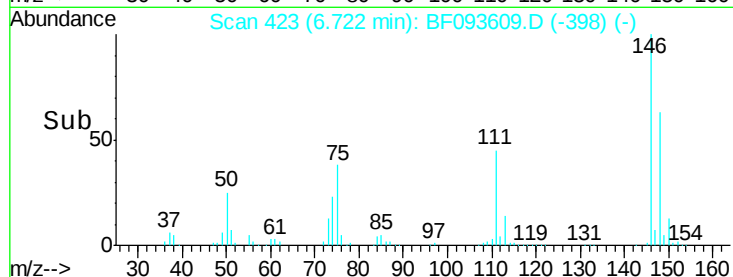
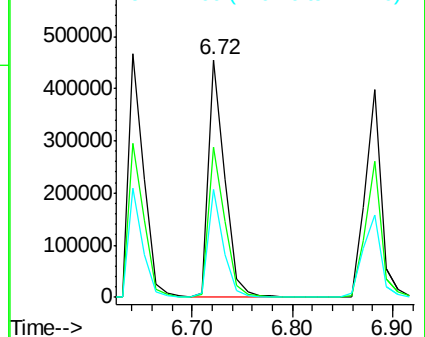
#13
 1,4-Dichlorobenzene
 Concen: 39.57 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB97540BS

Tgt Ion:146 Resp: 513014
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 76.0
 111 45.4 36.2 54.4

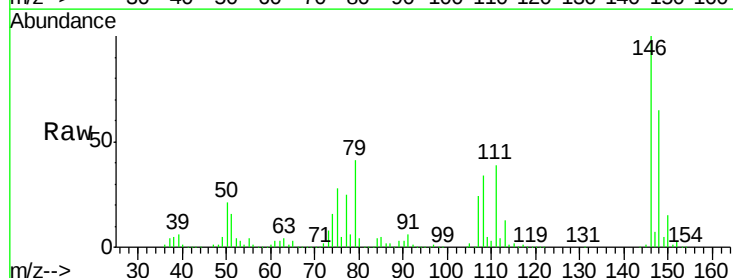


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

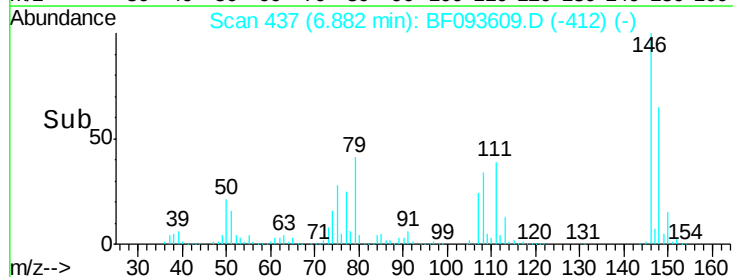
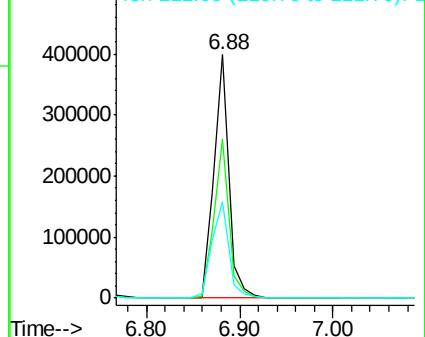


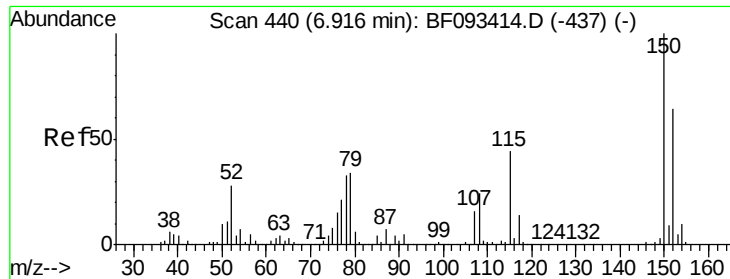
#14
 1,2-Dichlorobenzene
 Concen: 38.81 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Tgt Ion:146 Resp: 445546
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.2 78.2
 111 39.5 36.2 54.2



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

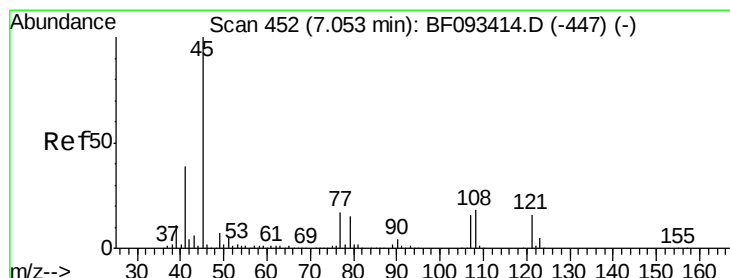
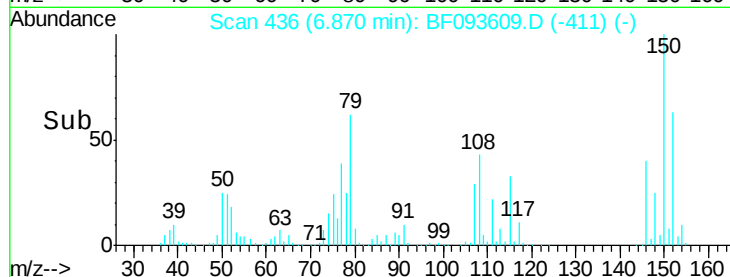
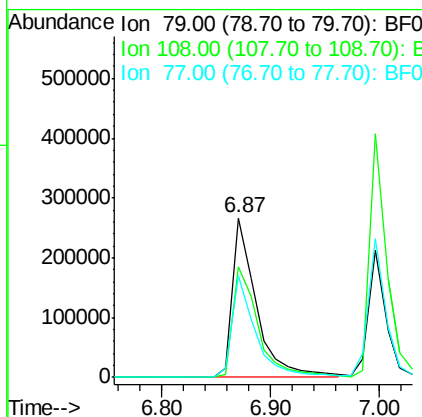
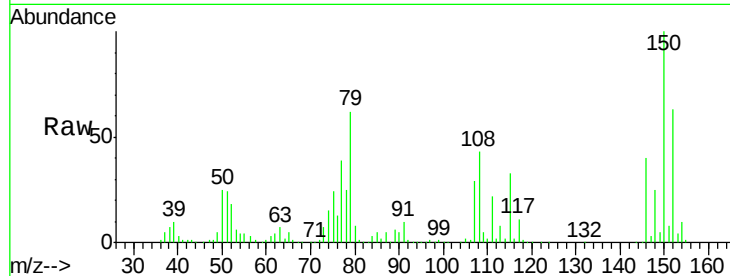




#15
Benzyl Alcohol
Concen: 45.54 ng
RT: 6.87 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

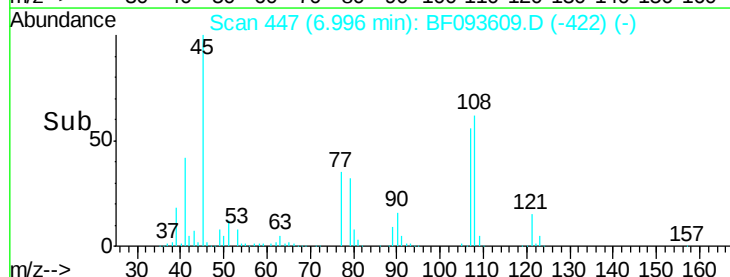
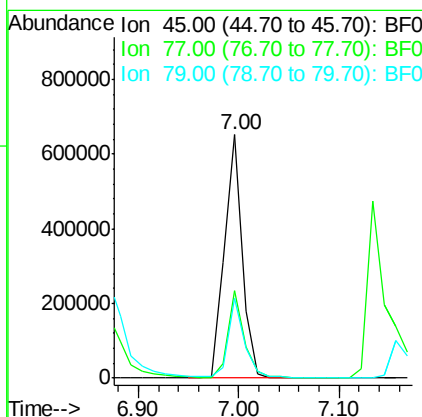
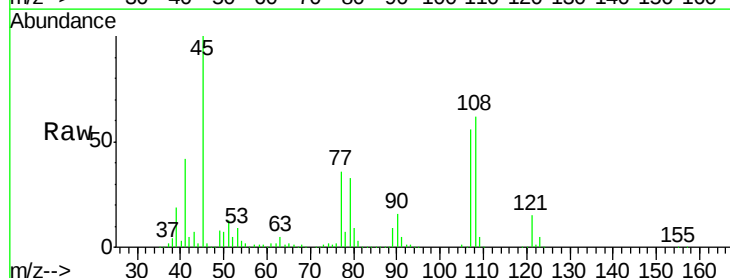
Instrument :
BNA_F
ClientSampleId :
PB97540BS

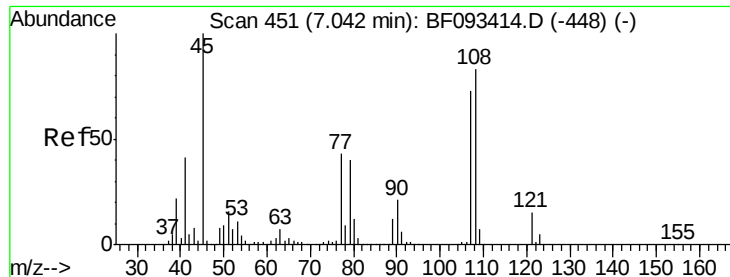
Tgt Ion: 79 Resp: 404134
Ion Ratio Lower Upper
79 100
108 69.6 61.4 92.0
77 63.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.00 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Tgt Ion: 45 Resp: 798804
Ion Ratio Lower Upper
45 100
77 35.7 0.0 34.6#
79 32.6 0.0 31.2#

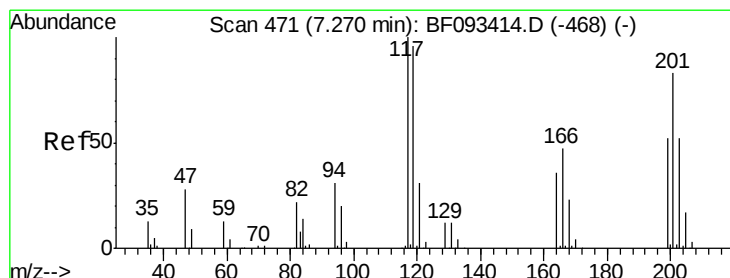
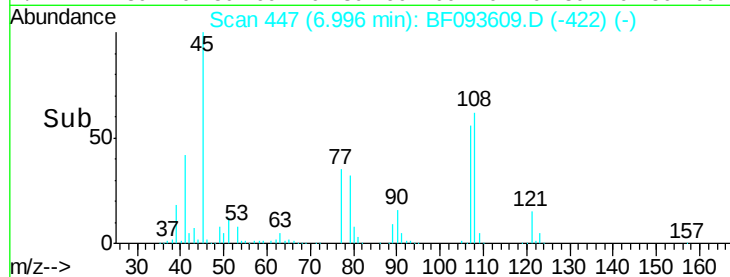
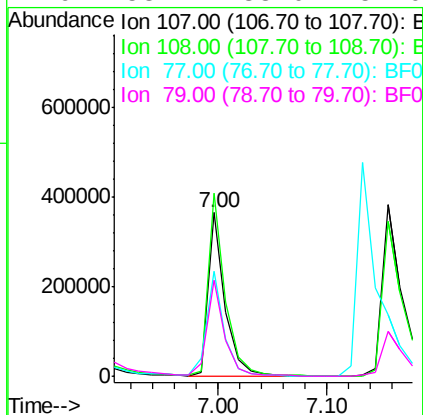
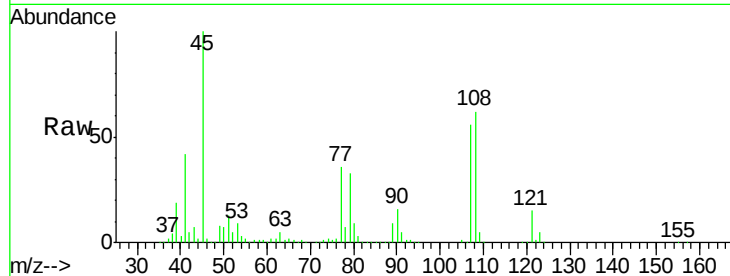




#17
2-Methylphenol
Concen: 41.80 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

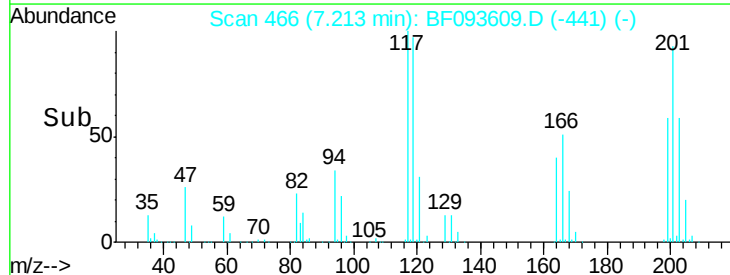
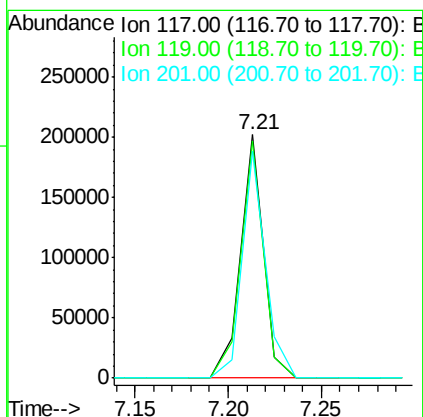
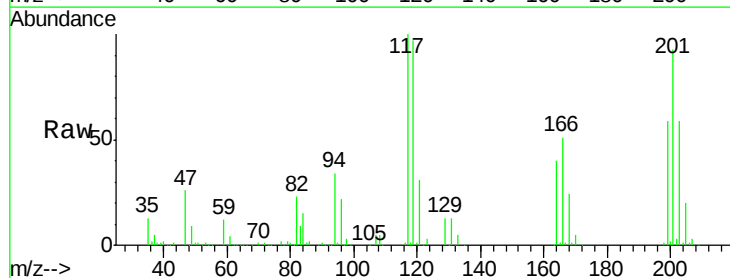
Instrument :
BNA_F
ClientSampleId :
PB97540BS

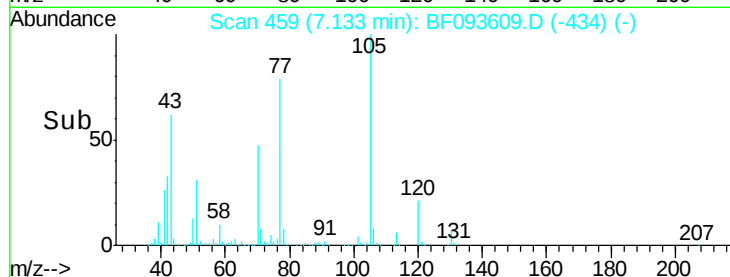
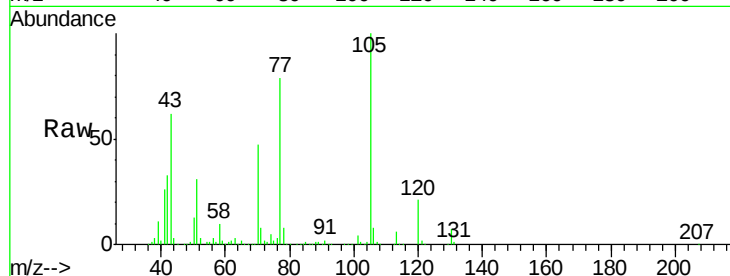
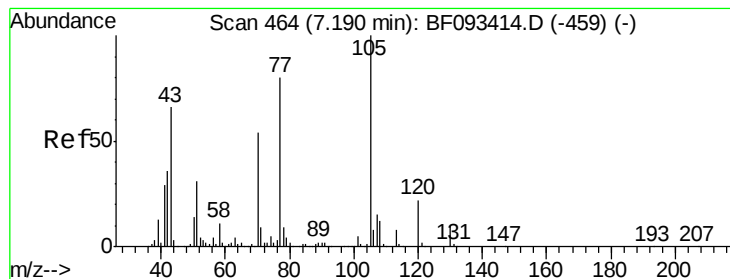
Tgt Ion:107 Resp: 391118
Ion Ratio Lower Upper
107 100
108 111.7 93.0 139.6
77 63.8 39.8 59.8#
79 58.4 38.0 57.0#



#18
Hexachloroethane
Concen: 39.72 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Tgt Ion:117 Resp: 173640
Ion Ratio Lower Upper
117 100
119 97.3 78.1 117.1
201 93.0 78.6 117.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.04 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

Tgt Ion: 70 Resp: 334127

Ion Ratio Lower Upper

70 100

42 70.8 49.4 74.0

101 8.2 7.4 11.2

130 15.7 14.2 21.4

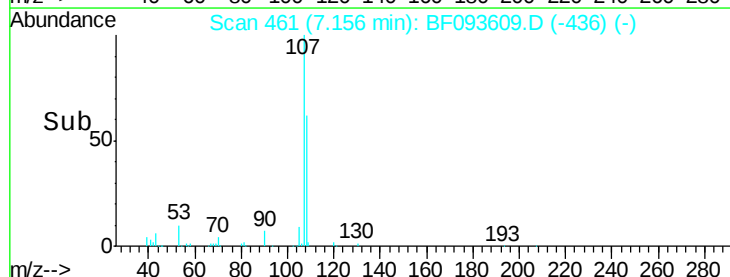
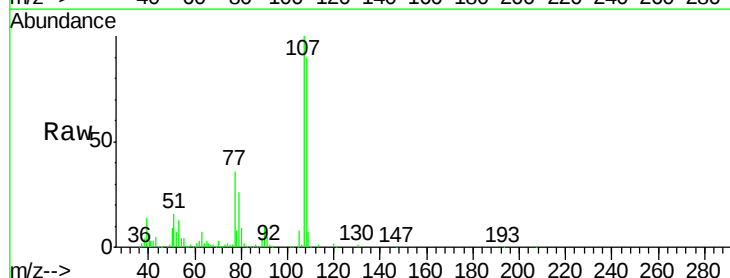
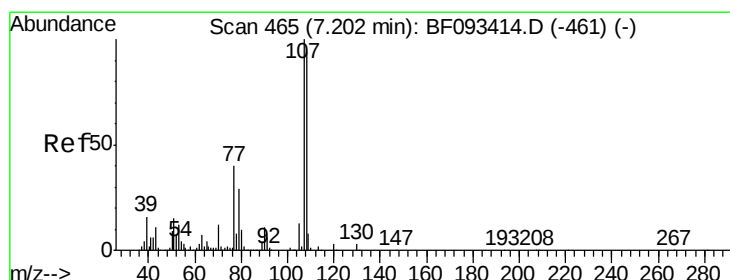
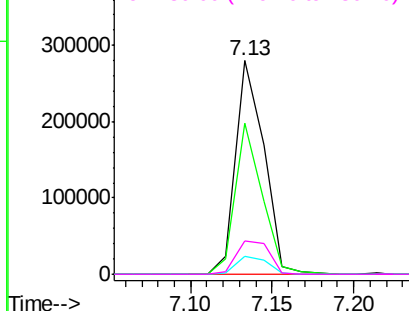
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.59 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Tgt Ion: 107 Resp: 528875

Ion Ratio Lower Upper

107 100

108 89.9 73.0 113.0

77 36.0 71.3 111.3#

79 26.3 11.1 51.1

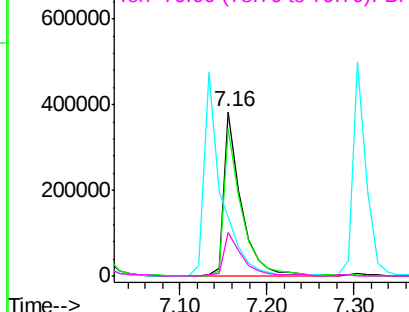
Abundance

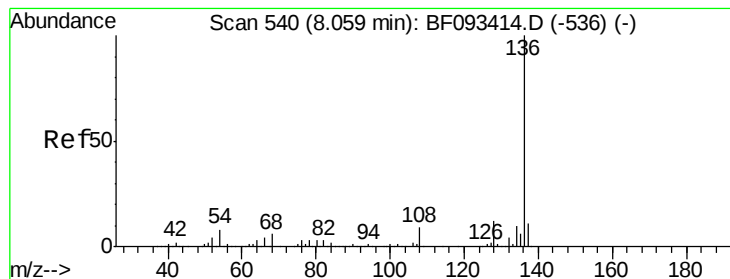
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

Tgt Ion:136 Resp: 691794

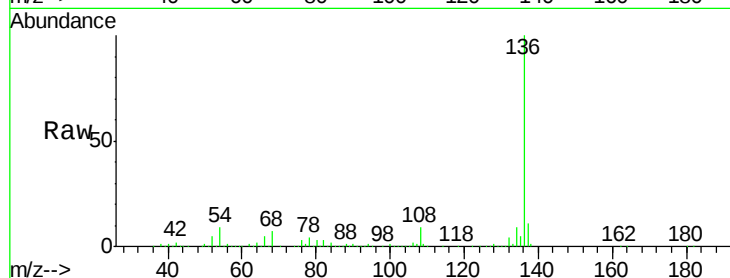
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 9.3 4.5 6.7#

68 6.8 3.6 5.4#

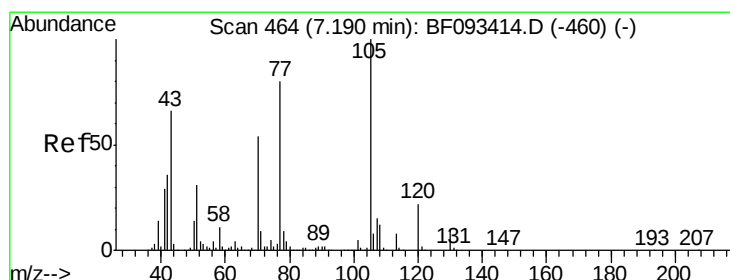
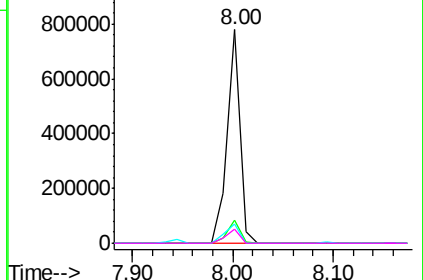
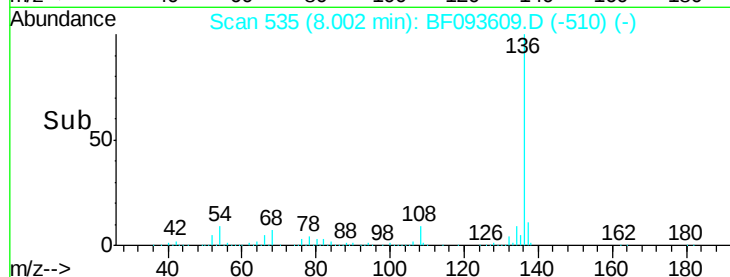


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.47 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Tgt Ion:105 Resp: 640445

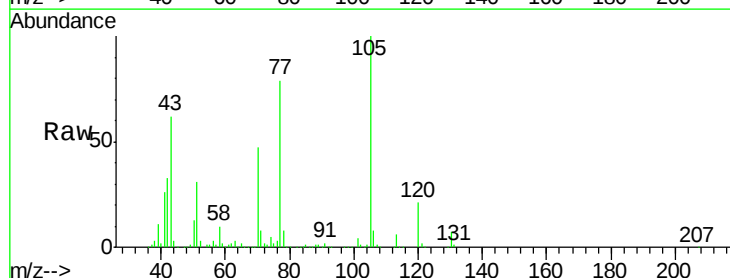
Ion Ratio Lower Upper

105 100

71 8.0 3.2 4.8#

51 31.2 26.2 39.4

120 21.3 16.6 24.8

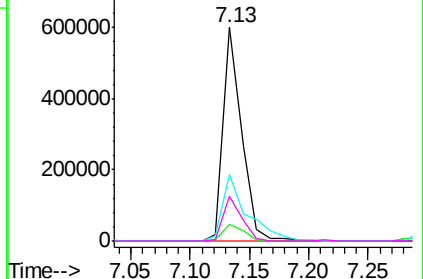
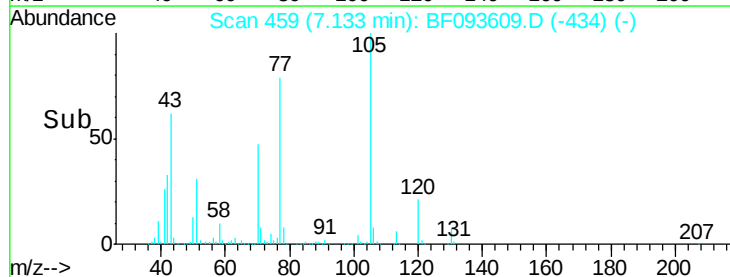


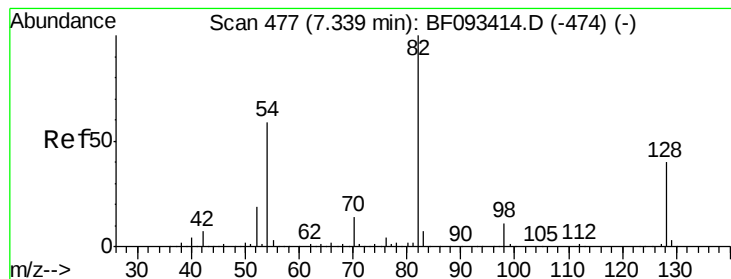
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.31 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

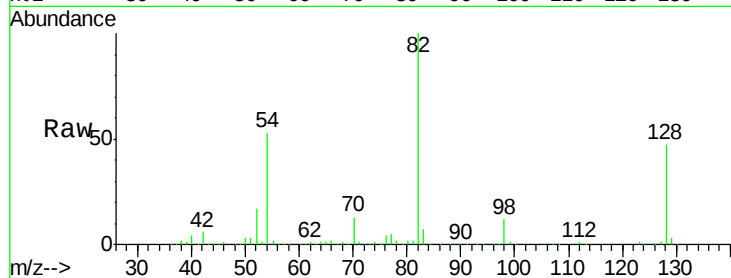
Tgt Ion: 82 Resp: 1013856

Ion Ratio Lower Upper

82 100

128 46.7 34.6 52.0

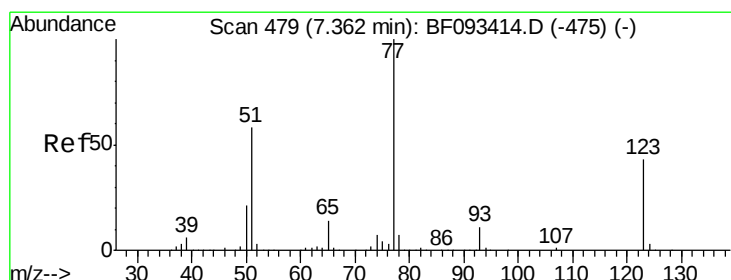
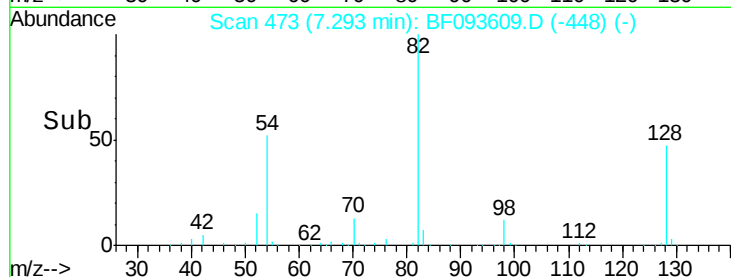
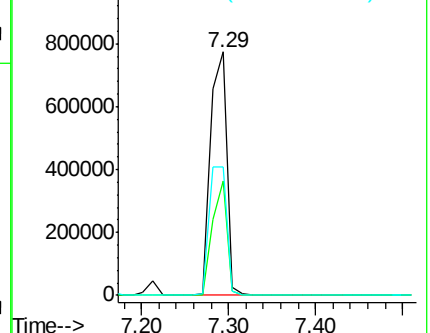
54 52.6 39.5 59.3



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: 37.66 ng

RT: 7.30 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

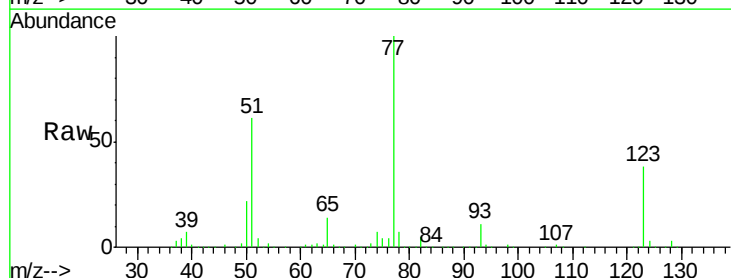
Tgt Ion: 77 Resp: 527695

Ion Ratio Lower Upper

77 100

123 38.3 33.0 49.4

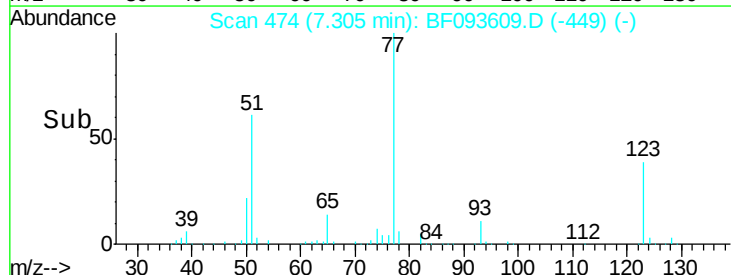
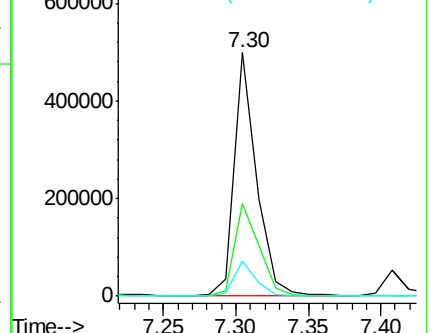
65 14.2 11.2 16.8

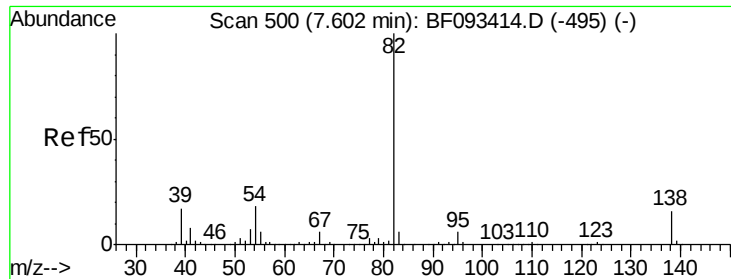


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.38 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

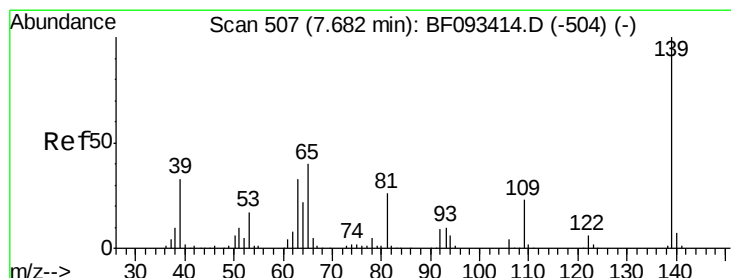
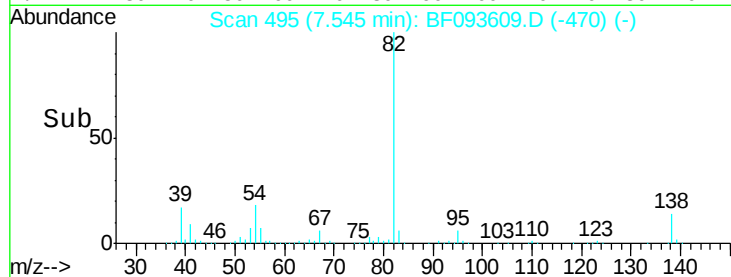
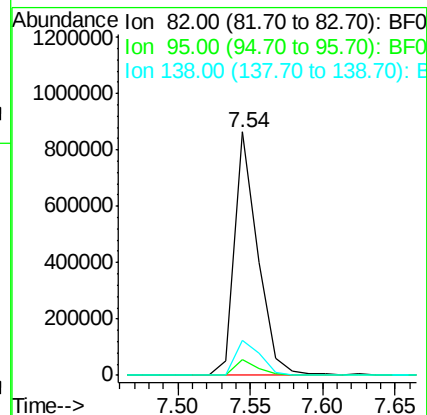
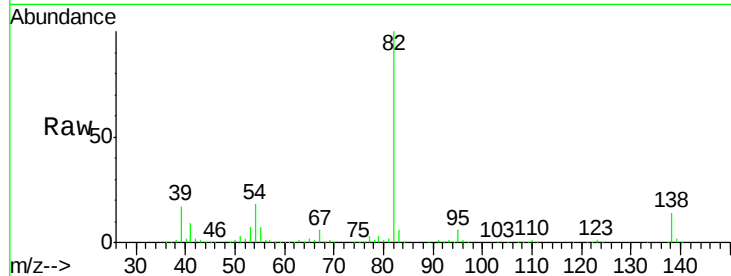
Tgt Ion: 82 Resp: 964951

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 14.4 14.6 22.0#



#26

2-Nitrophenol

Concen: 41.44 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

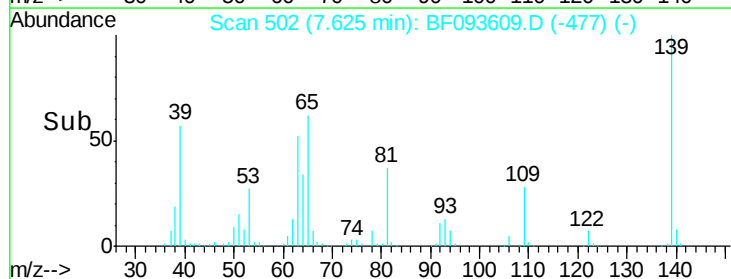
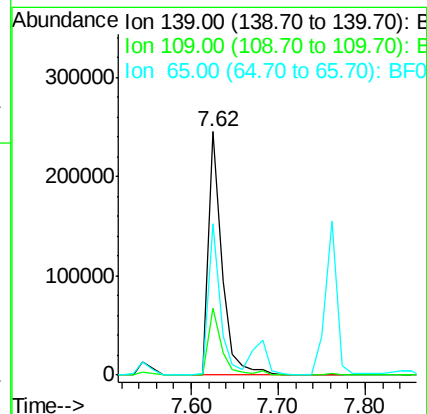
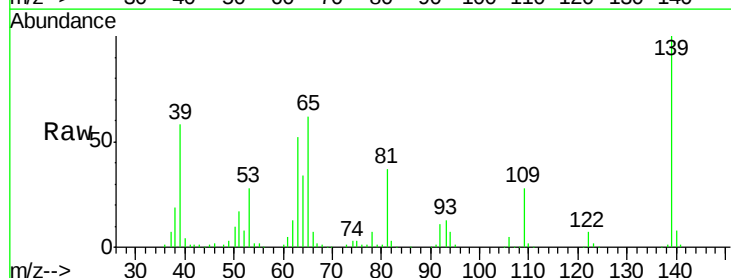
Tgt Ion: 139 Resp: 264955

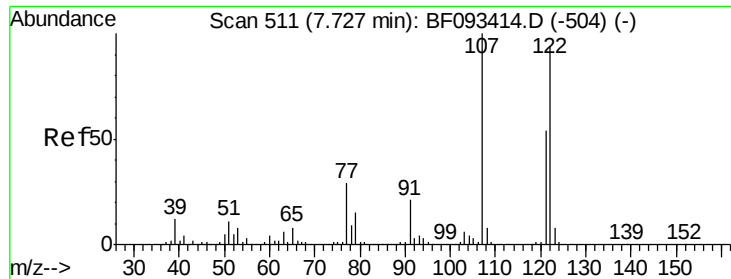
Ion Ratio Lower Upper

139 100

109 27.5 23.3 34.9

65 62.3 42.7 64.1

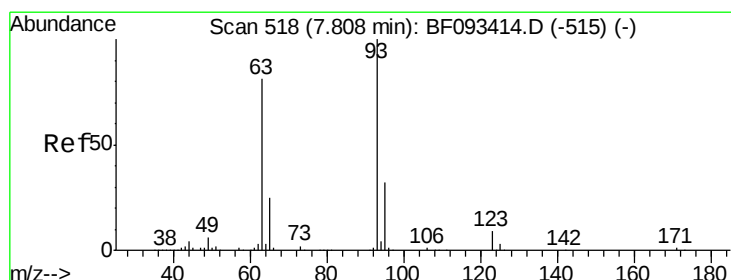
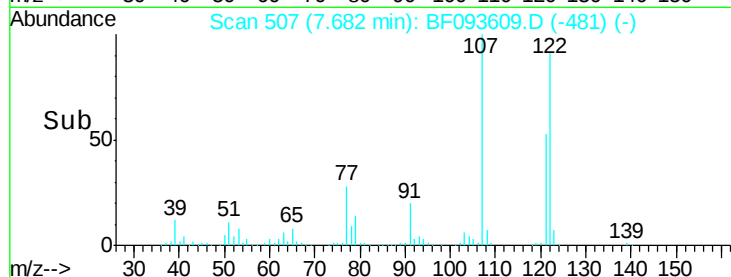
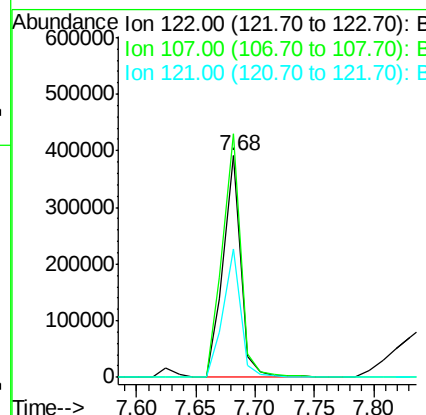
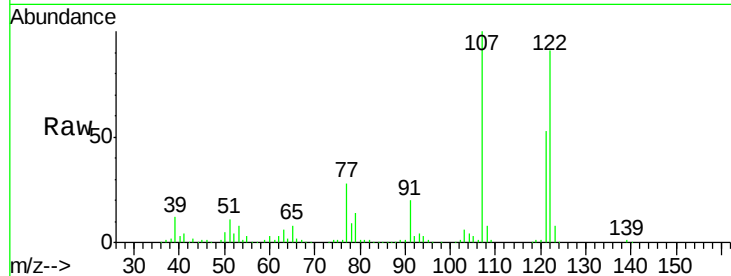




#27
2,4-Dimethylphenol
Concen: 38.43 ng
RT: 7.68 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

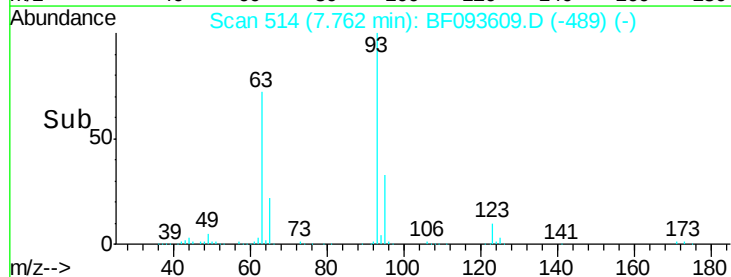
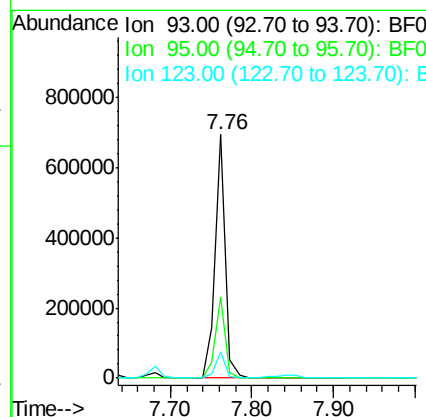
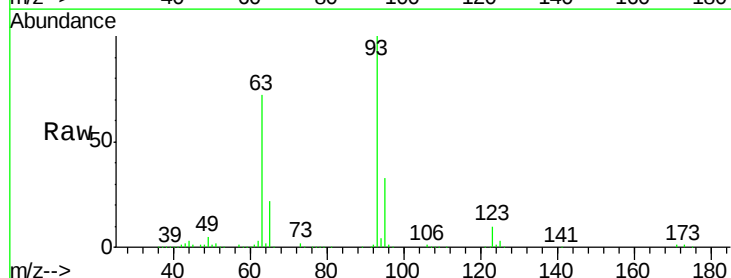
Instrument :
BNA_F
ClientSampleId :
PB97540BS

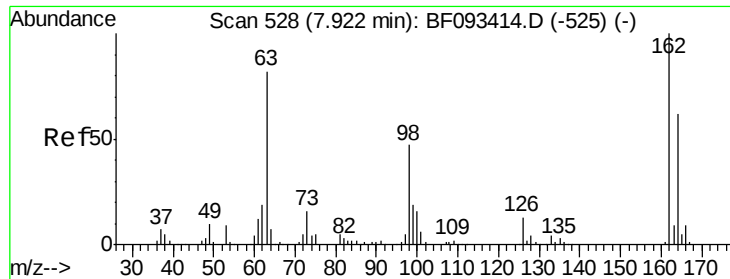
Tgt Ion: 122 Resp: 399656
Ion Ratio Lower Upper
122 100
107 109.8 94.1 141.1
121 57.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.30 ng
RT: 7.76 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Tgt Ion: 93 Resp: 623761
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 10.5 8.6 13.0

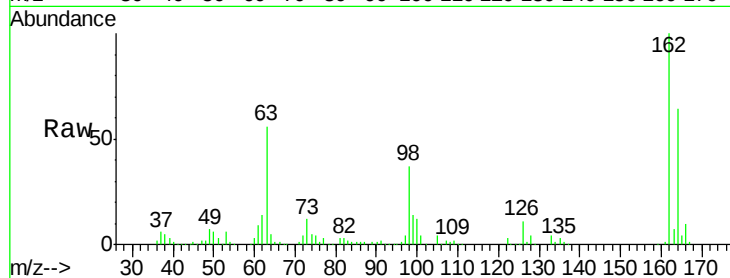




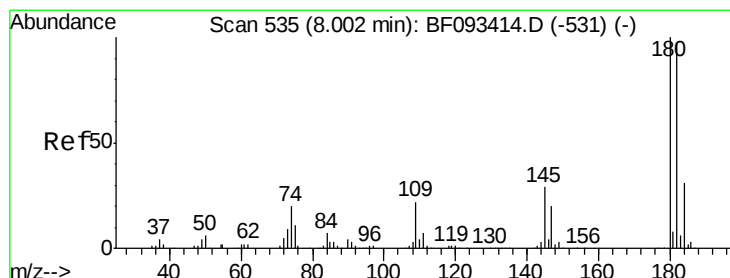
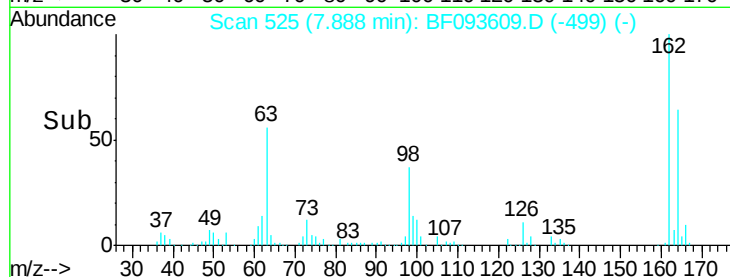
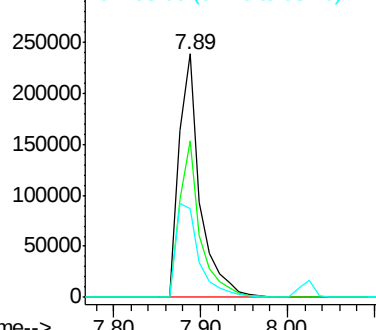
#29
2,4-Dichlorophenol
Concen: 41.36 ng
RT: 7.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Instrument :
BNA_F
ClientSampleId :
PB97540BS

Tgt Ion:162 Resp: 404706
Ion Ratio Lower Upper
162 100
164 64.2 46.8 86.8
98 36.6 9.1 49.1

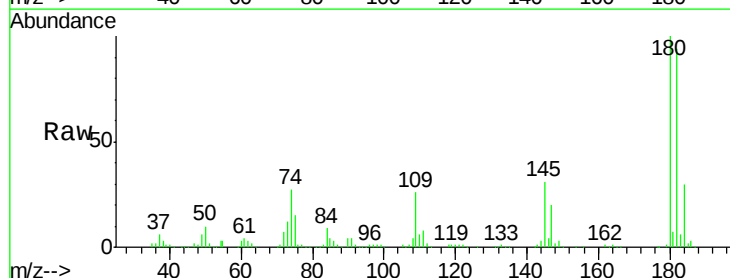


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

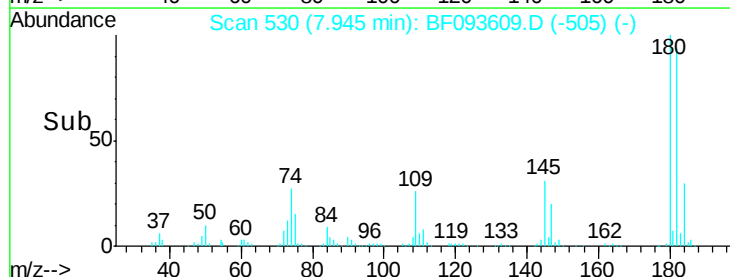
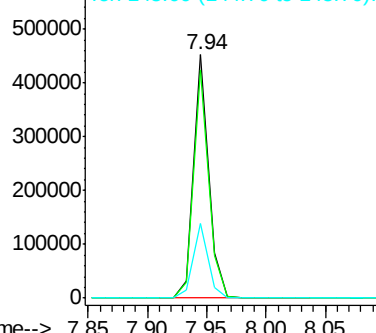


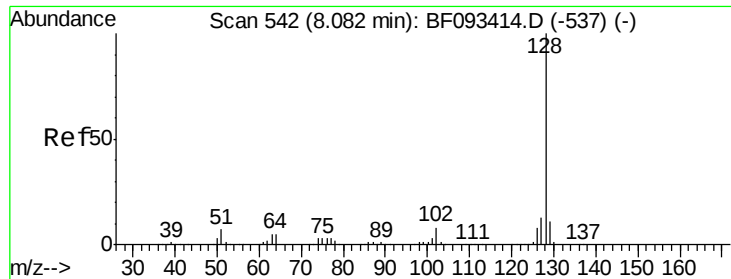
#30
1,2,4-Trichlorobenzene
Concen: 37.81 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Tgt Ion:180 Resp: 393433
Ion Ratio Lower Upper
180 100
182 93.5 78.2 117.4
145 30.9 21.6 32.4



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

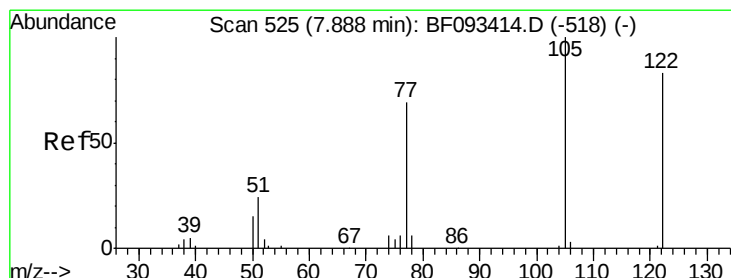
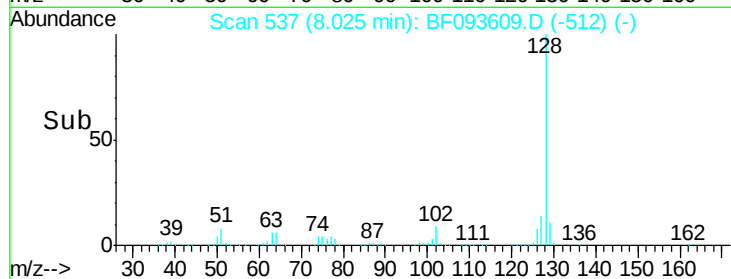
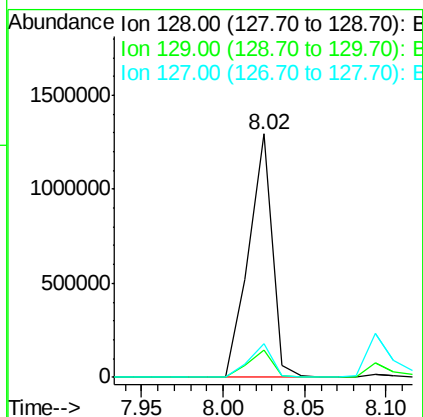
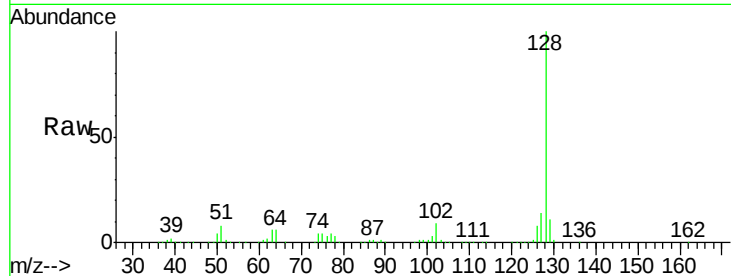




#31
Naphthalene
Concen: 37.55 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

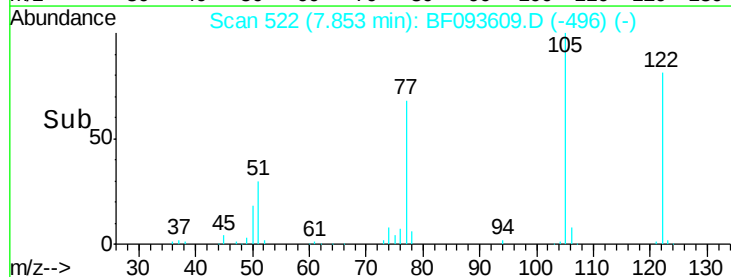
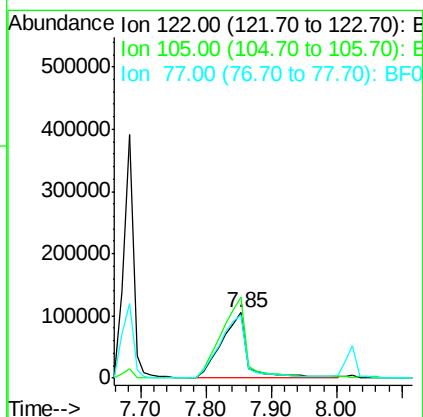
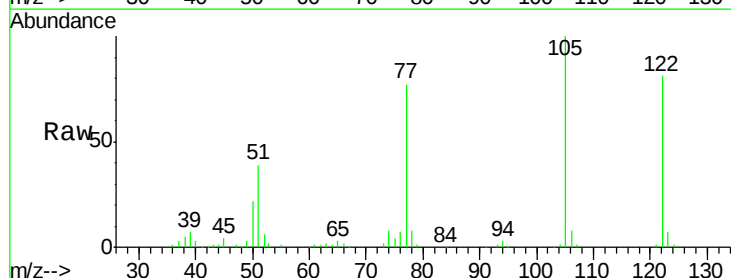
Instrument :
BNA_F
ClientSampleId :
PB97540BS

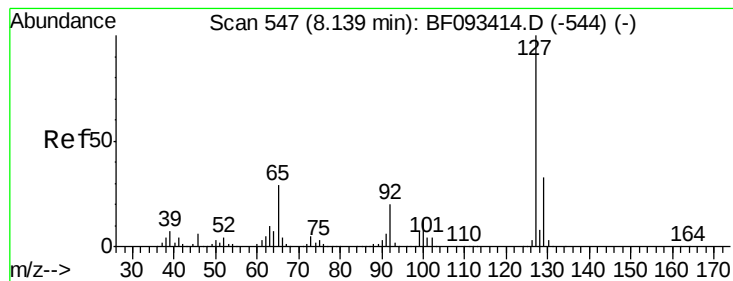
Tgt Ion:128 Resp: 1301839
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 52.43 ng
RT: 7.85 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Tgt Ion:122 Resp: 283362
Ion Ratio Lower Upper
122 100
105 123.9 107.2 147.2
77 96.0 74.5 114.5





#33

4-Chloroaniline

Concen: 20.75 ng

RT: 8.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

Tgt Ion:127 Resp: 291918

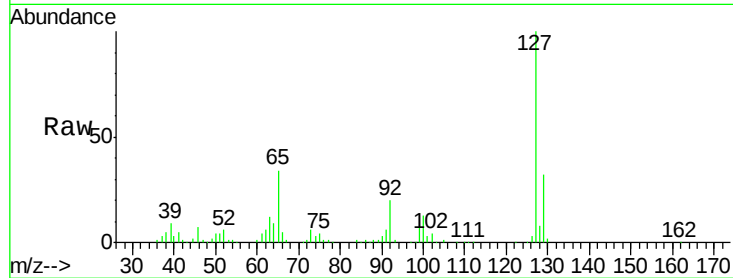
Ion Ratio Lower Upper

127 100

129 32.2 26.3 39.5

65 34.3 25.8 38.8

92 20.4 16.1 24.1

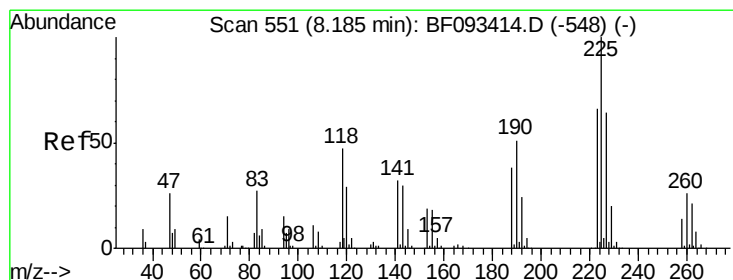
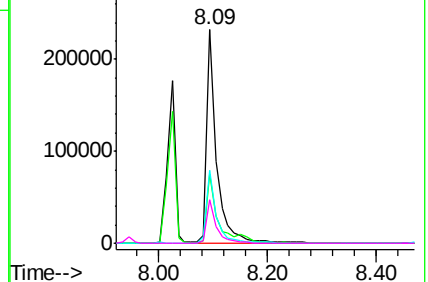
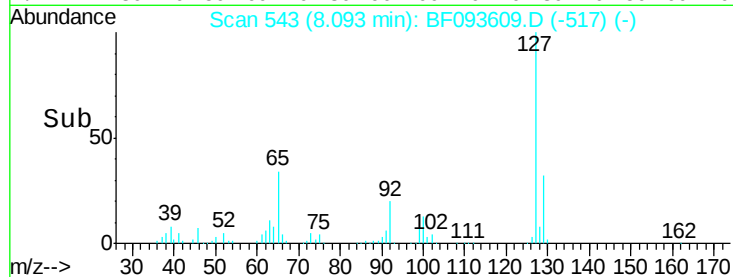


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.82 ng

RT: 8.14 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

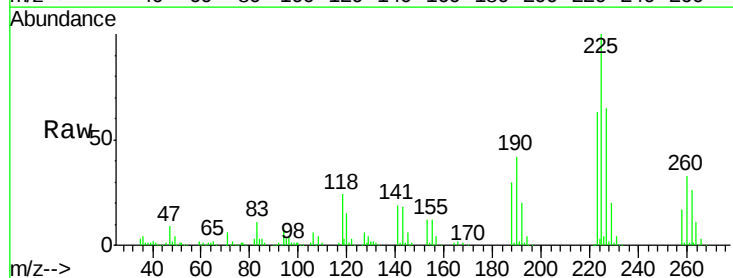
Tgt Ion:225 Resp: 208041

Ion Ratio Lower Upper

225 100

223 62.8 51.0 76.6

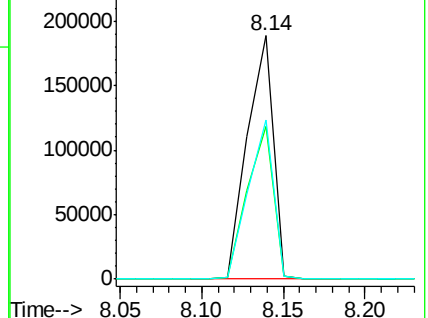
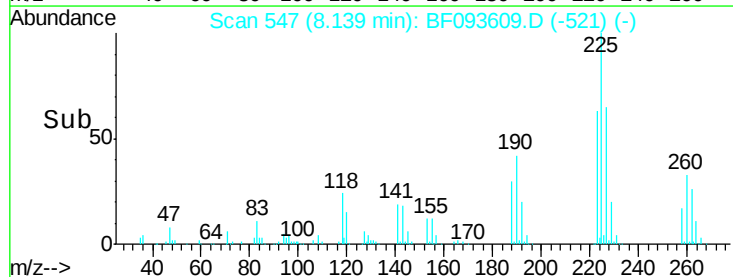
227 65.2 50.6 76.0

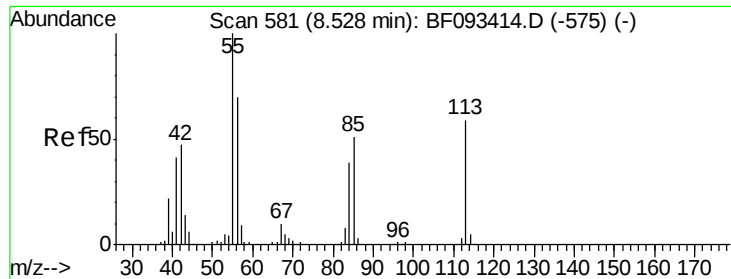


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

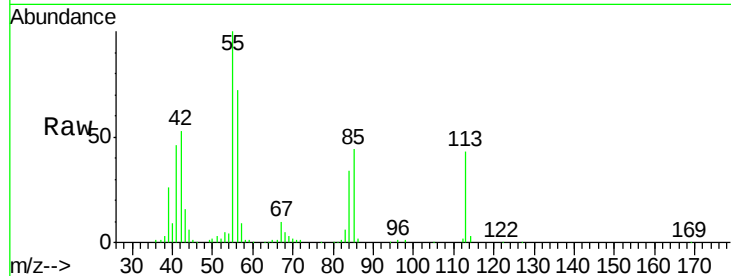




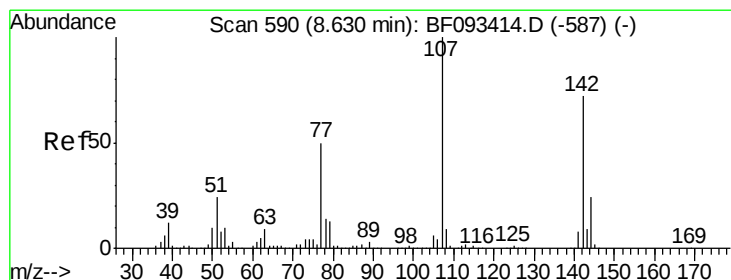
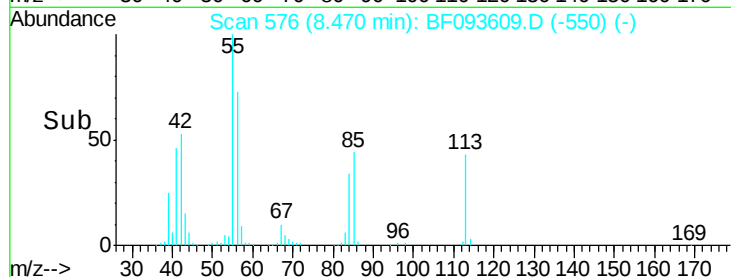
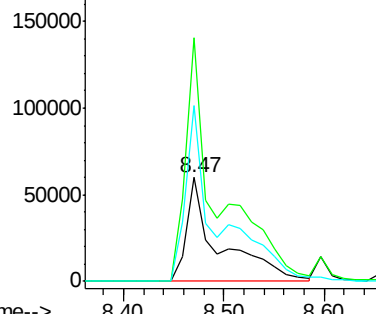
#35
 Caprolactam
 Concen: 40.10 ng
 RT: 8.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB97540BS

Tgt Ion:113 Resp: 134006
 Ion Ratio Lower Upper
 113 100
 55 234.5 119.2 159.2#
 56 169.6 83.8 123.8#

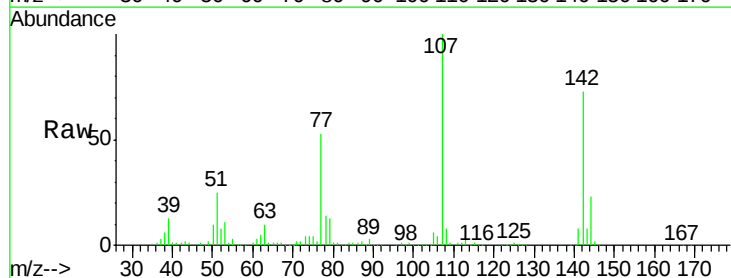


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

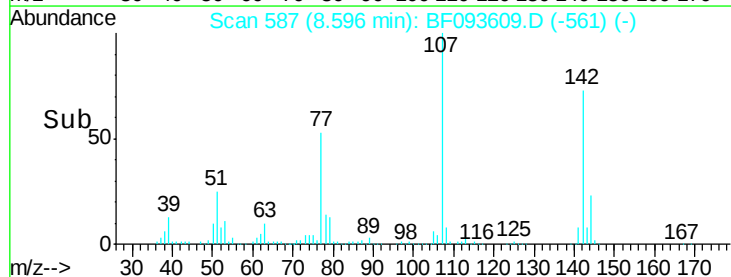
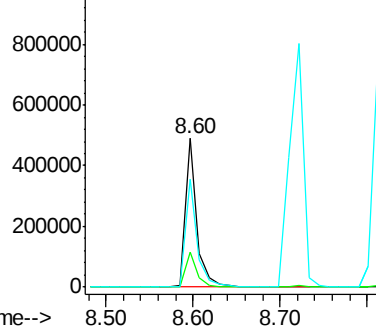


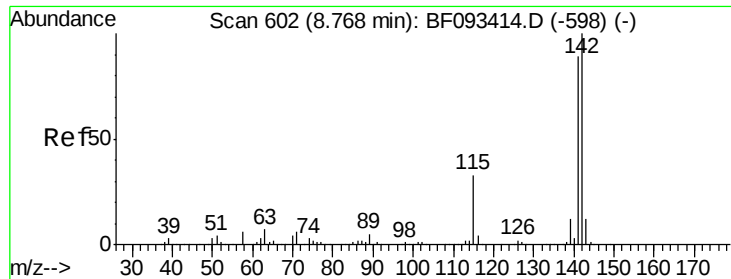
#36
 4-Chloro-3-methylphenol
 Concen: 43.73 ng
 RT: 8.60 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Tgt Ion:107 Resp: 456657
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.3 28.9
 142 72.7 59.0 88.6



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

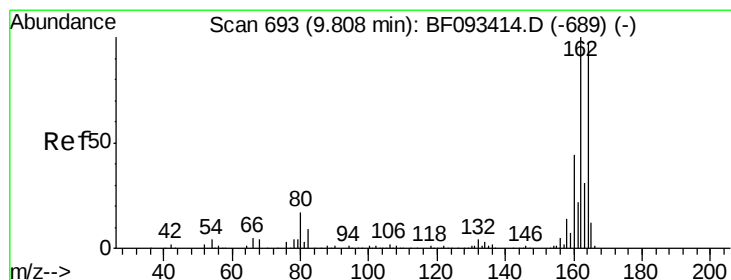
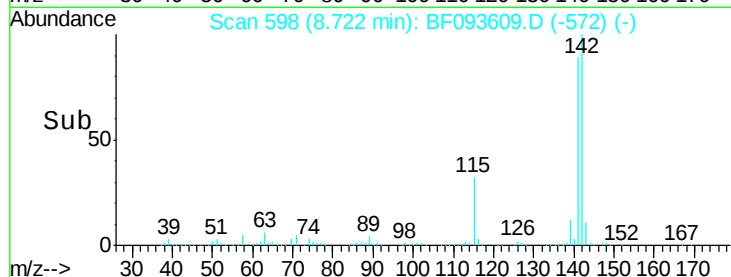
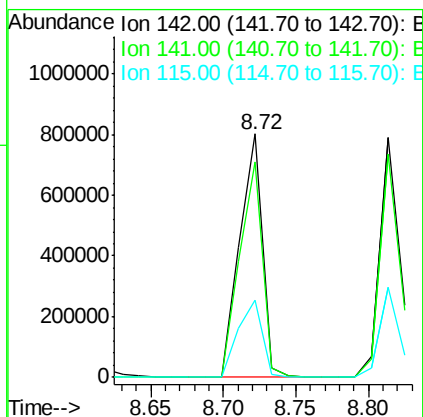
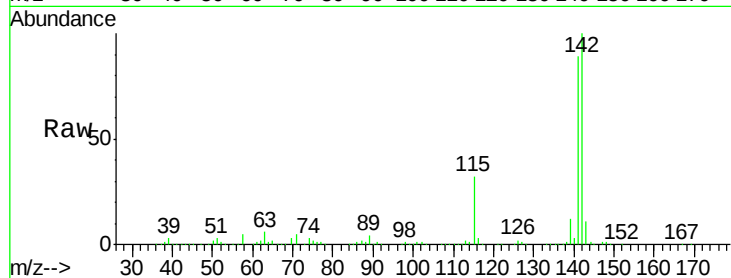




#37
2-Methylnaphthalene
Concen: 39.63 ng
RT: 8.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

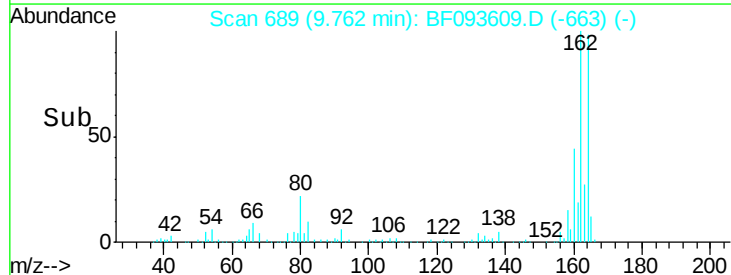
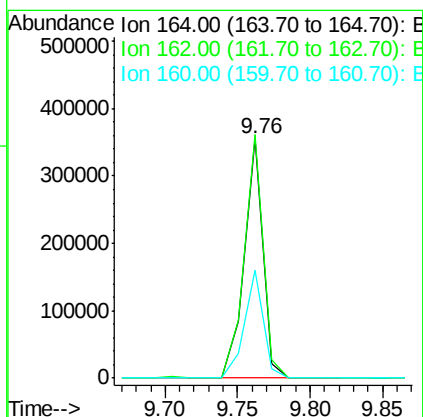
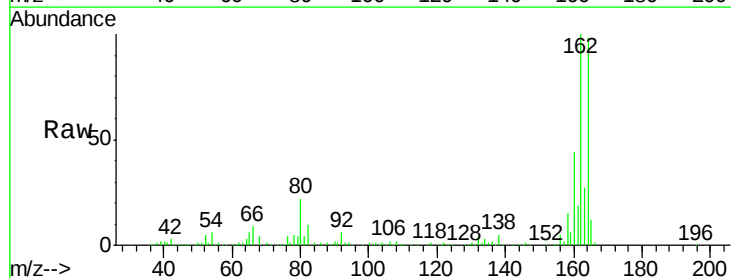
Instrument :
BNA_F
ClientSampled :
PB97540BS

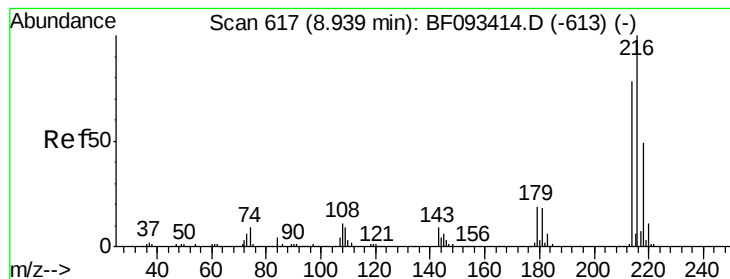
Tgt Ion:142 Resp: 874146
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6
115 31.9 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Tgt Ion:164 Resp: 316997
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 44.8 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.37 ng

RT: 8.89 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

Tgt Ion:216 Resp: 366714

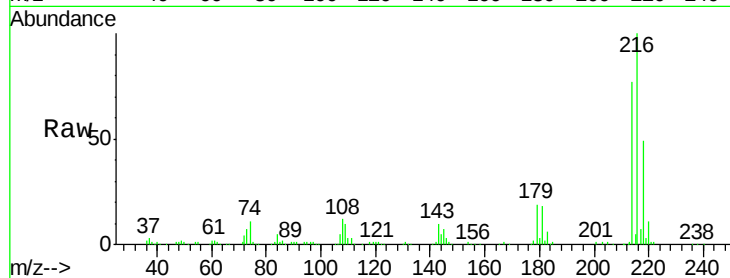
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 22.3 17.4 26.2

108 21.4 15.6 23.4

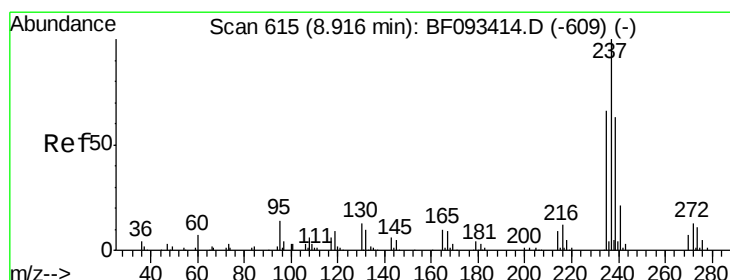
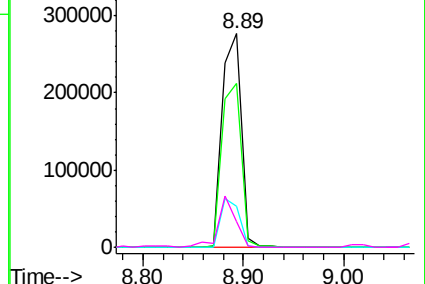
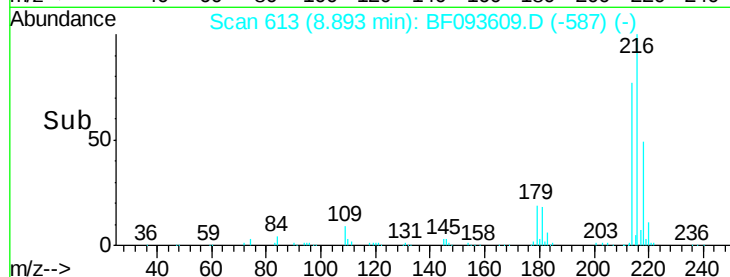


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.38 ng

RT: 8.87 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

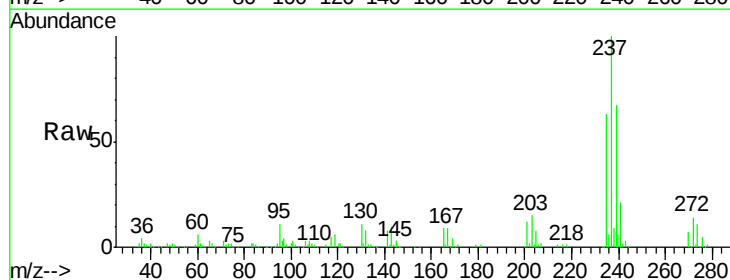
Tgt Ion:237 Resp: 186008

Ion Ratio Lower Upper

237 100

235 62.8 41.2 81.2

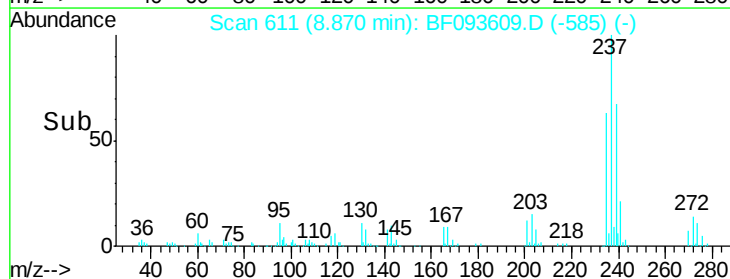
272 13.8 0.0 35.4



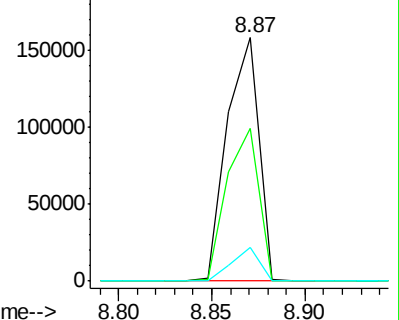
Abundance Ion 236.80 (236.50 to 237.50): E

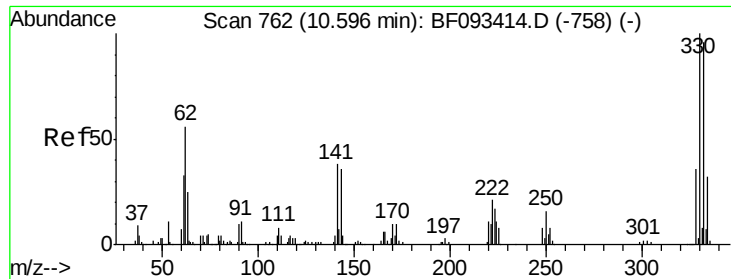
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

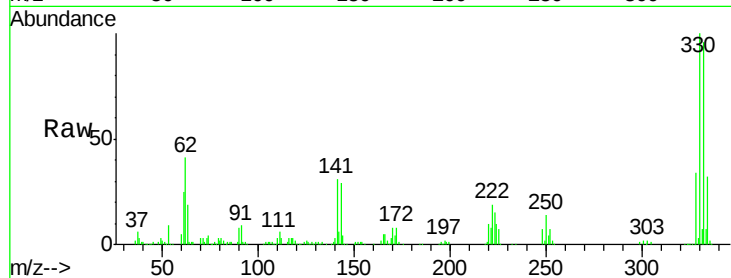




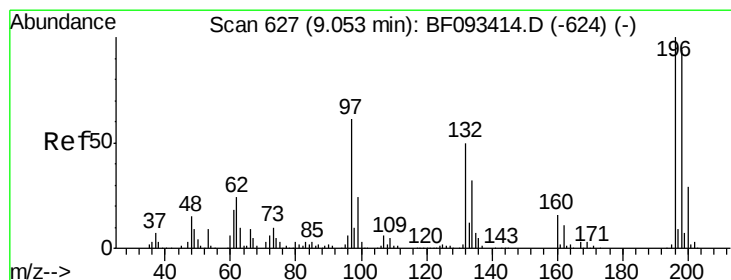
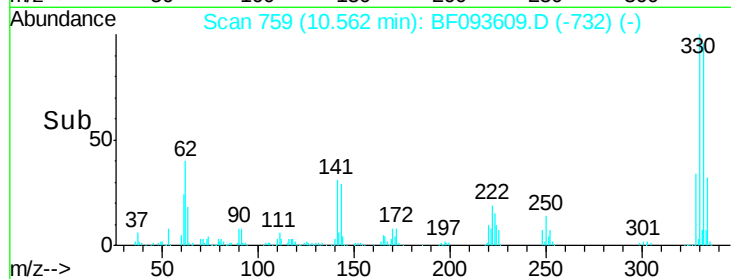
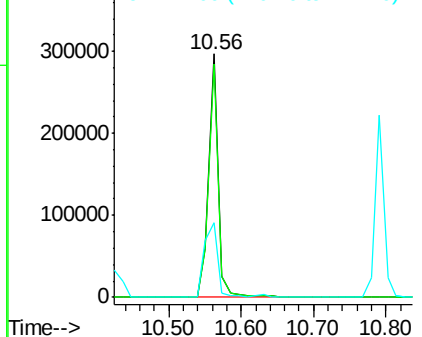
#41
 2,4,6-Tribromophenol
 Concen: 134.72 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB97540BS

Tgt Ion:330 Resp: 278229
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 42.3 34.1 51.1

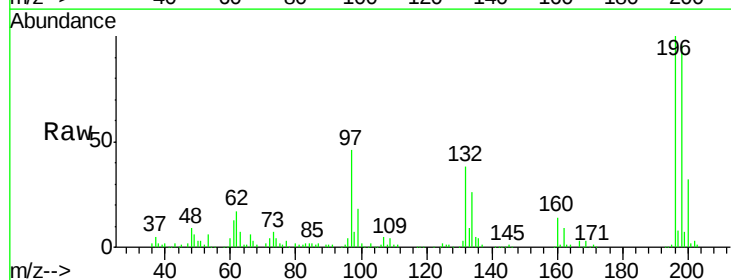


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

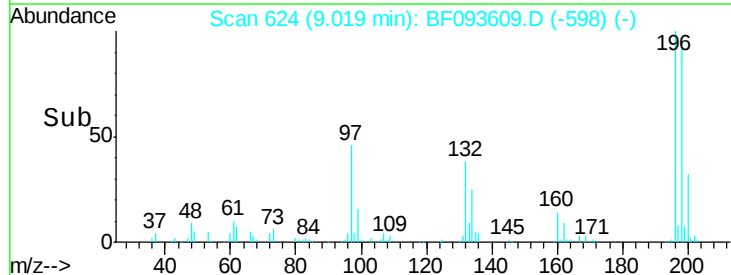
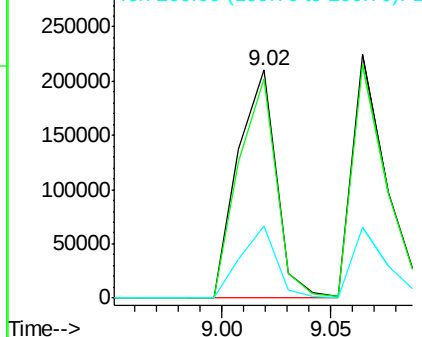


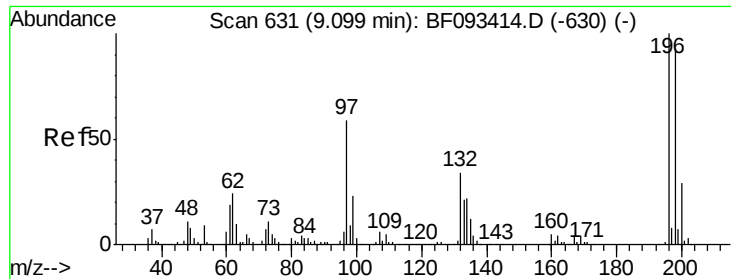
#42
 2,4,6-Trichlorophenol
 Concen: 47.78 ng
 RT: 9.02 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Tgt Ion:196 Resp: 258423
 Ion Ratio Lower Upper
 196 100
 198 96.2 82.1 123.1
 200 31.6 27.0 40.4



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

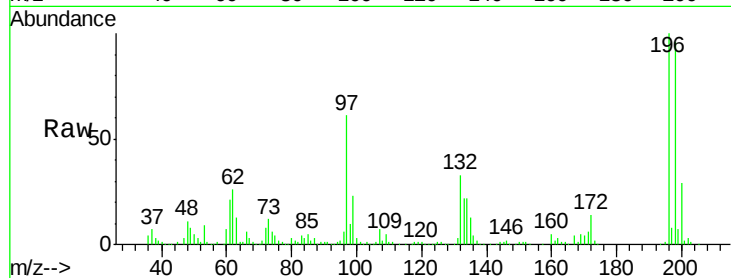




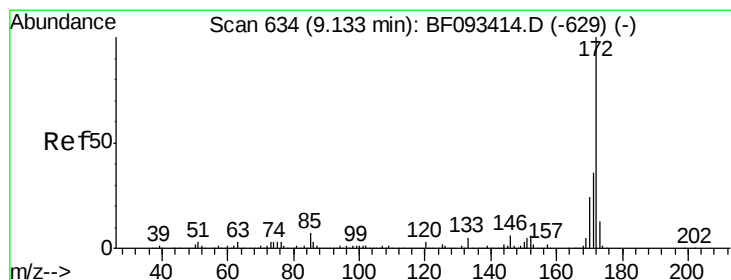
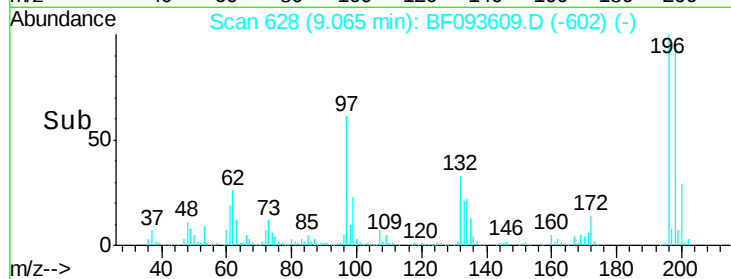
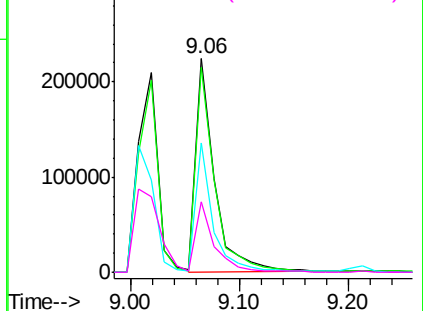
#43
 2,4,5-Trichlorophenol
 Concen: 46.01 ng
 RT: 9.06 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB97540BS

Tgt Ion:196 Resp: 266982
 Ion Ratio Lower Upper
 196 100
 198 96.0 79.4 119.2
 97 60.8 51.5 77.3
 132 33.2 27.4 41.2

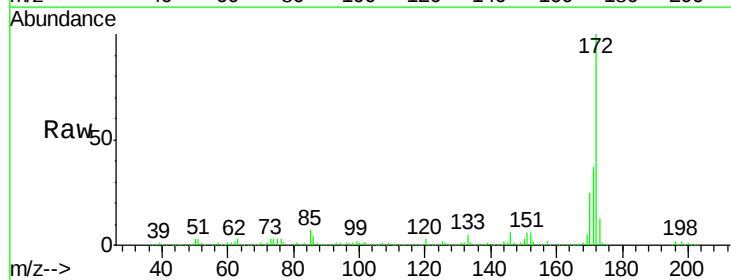


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

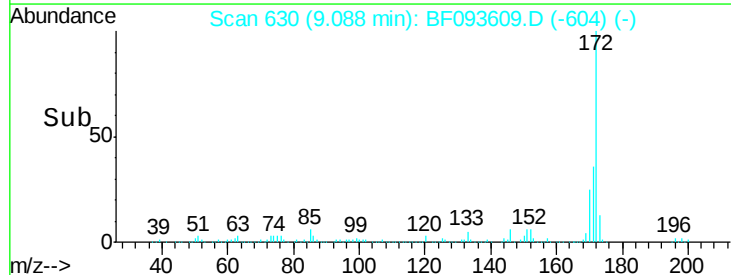
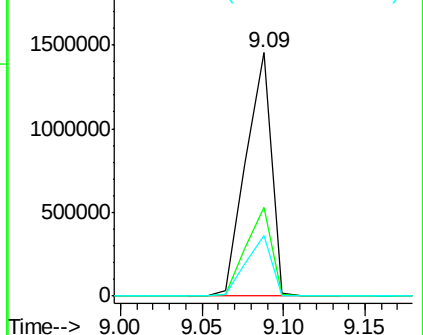


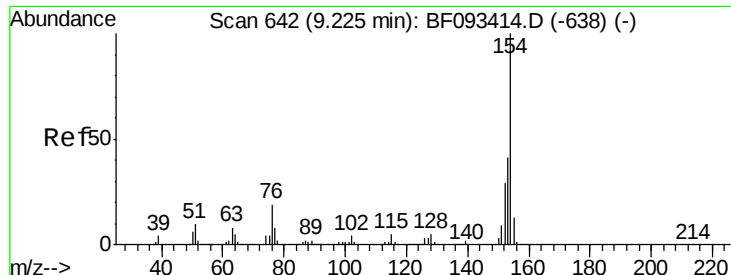
#44
 2-Fluorobiphenyl
 Concen: 92.84 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Tgt Ion:172 Resp: 1582302
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.8 20.2 30.4



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: 42.44 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

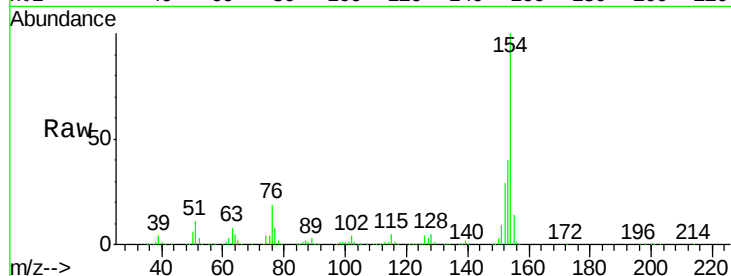
Tgt Ion:154 Resp: 980064

Ion Ratio Lower Upper

154 100

153 40.3 20.9 60.9

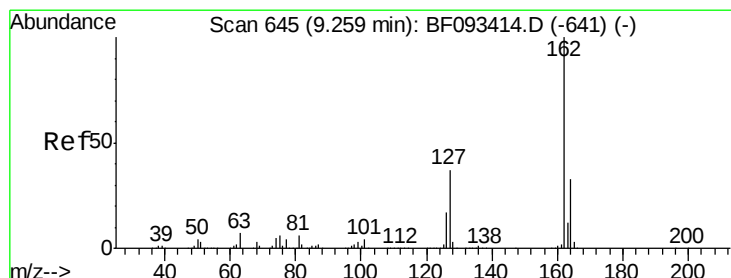
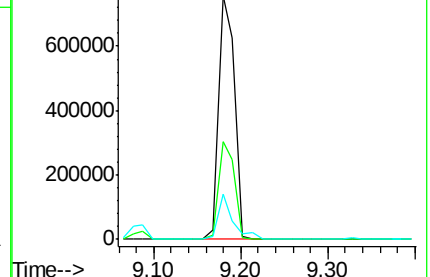
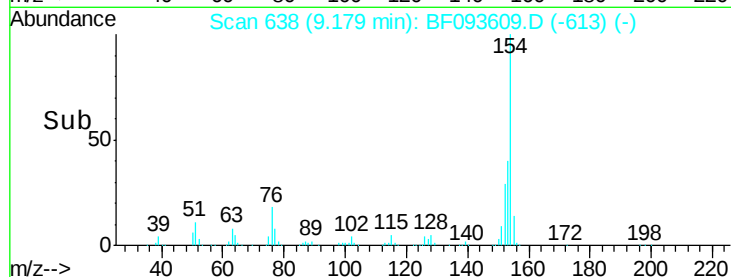
76 18.5 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.57 ng

RT: 9.21 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

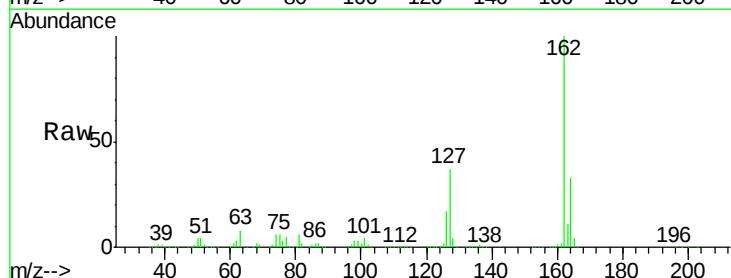
Tgt Ion:162 Resp: 840880

Ion Ratio Lower Upper

162 100

127 36.5 30.7 46.1

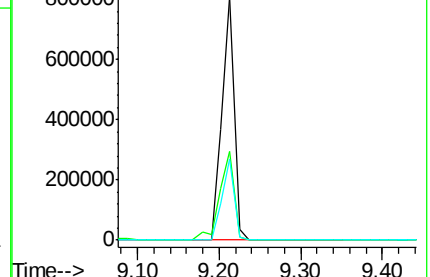
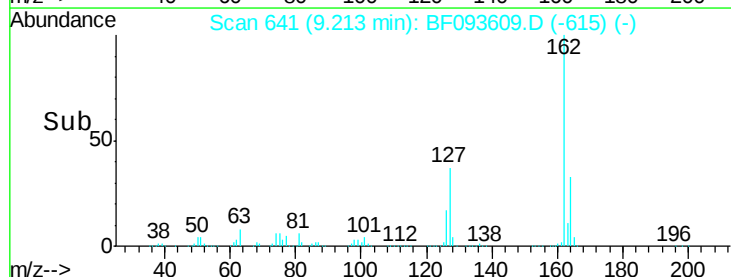
164 33.3 27.6 41.4

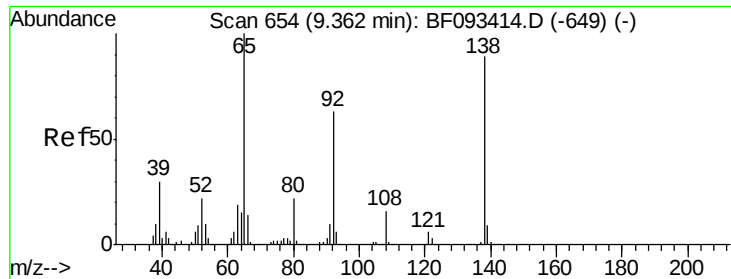


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.54 ng

RT: 9.33 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

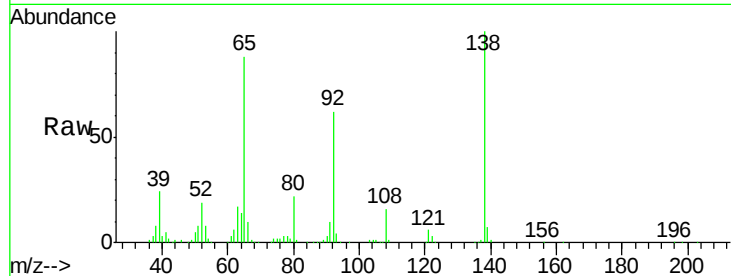
Tgt Ion: 65 Resp: 303305

Ion Ratio Lower Upper

65 100

92 70.6 53.9 80.9

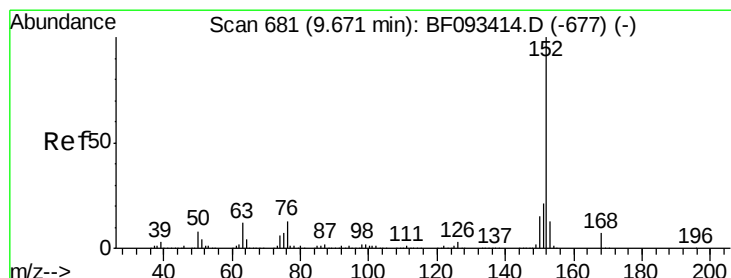
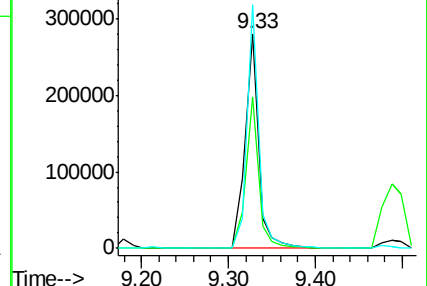
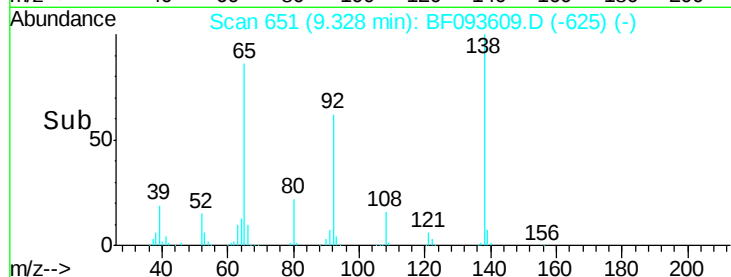
138 113.6 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 44.30 ng

RT: 9.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

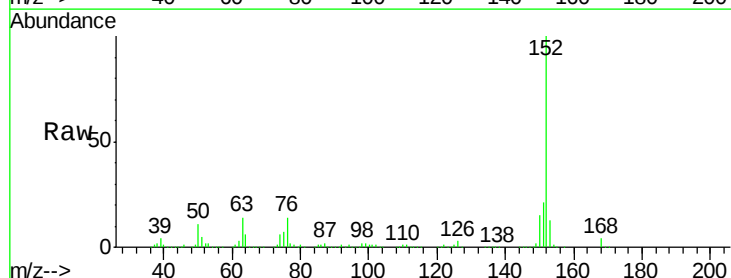
Tgt Ion: 152 Resp: 1291450

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

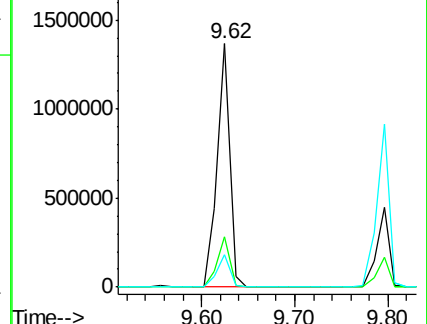
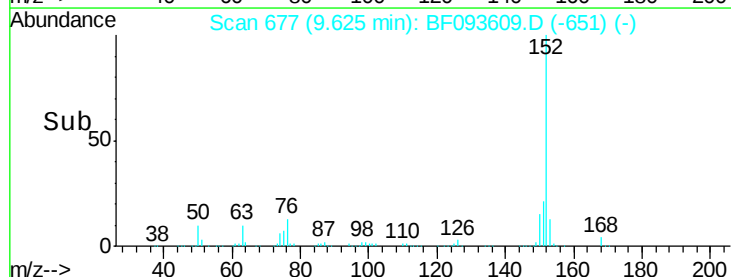
153 13.4 11.4 17.2

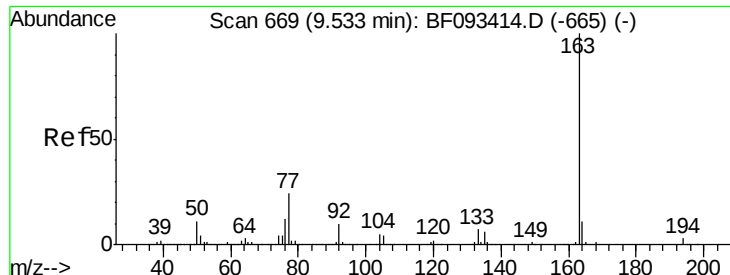


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 46.26 ng

RT: 9.50 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

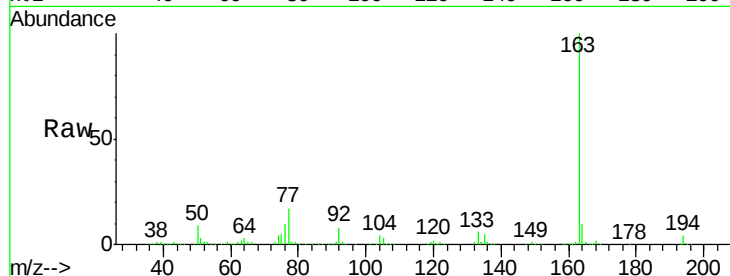
Tgt Ion:163 Resp: 972197

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

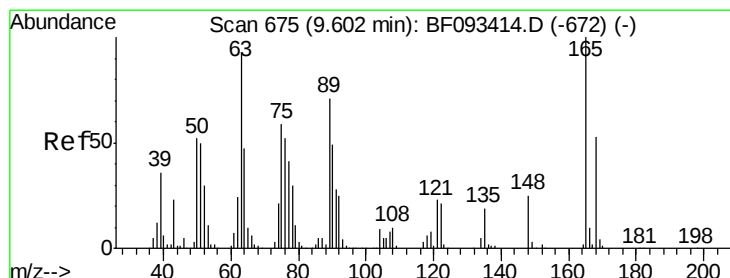
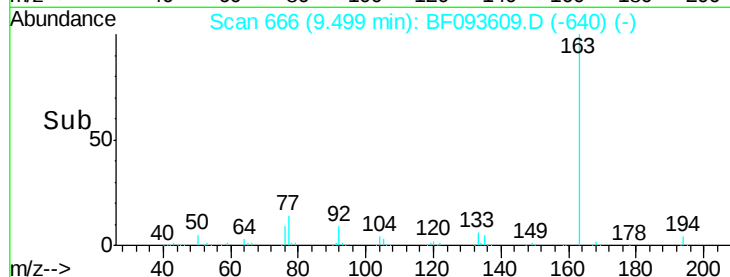
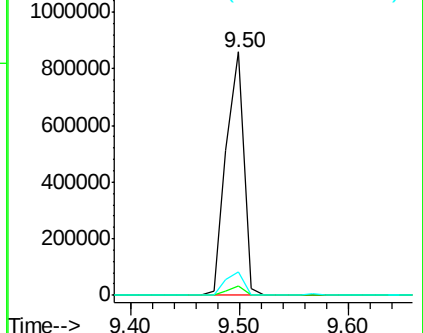
164 9.9 8.0 12.0



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: 49.37 ng

RT: 9.57 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

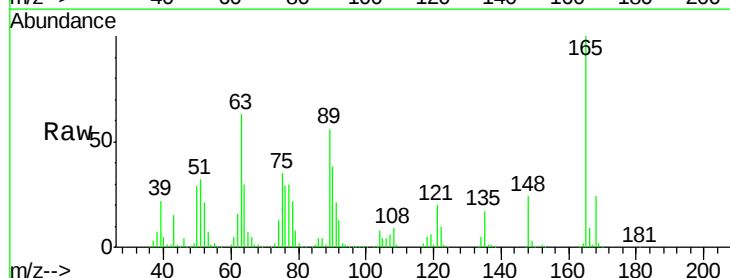
Tgt Ion:165 Resp: 227670

Ion Ratio Lower Upper

165 100

63 62.6 36.2 54.4#

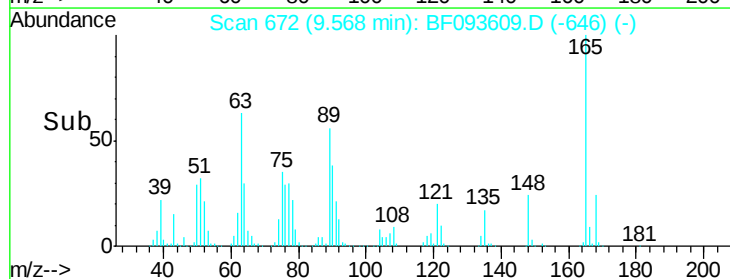
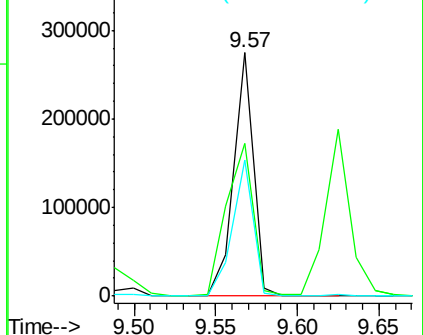
89 55.8 40.2 60.4

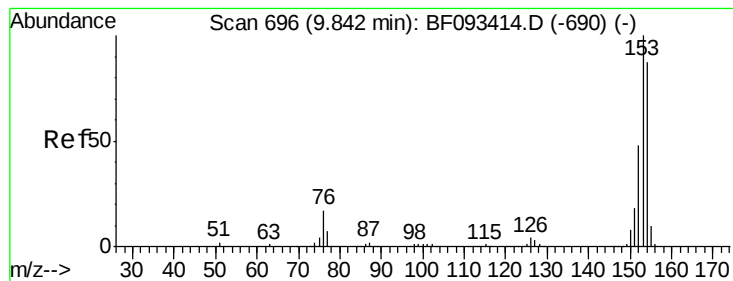


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.25 ng

RT: 9.80 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

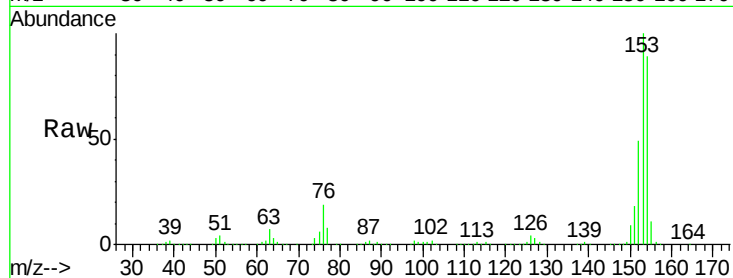
Tgt Ion:154 Resp: 762833

Ion Ratio Lower Upper

154 100

153 112.6 88.6 133.0

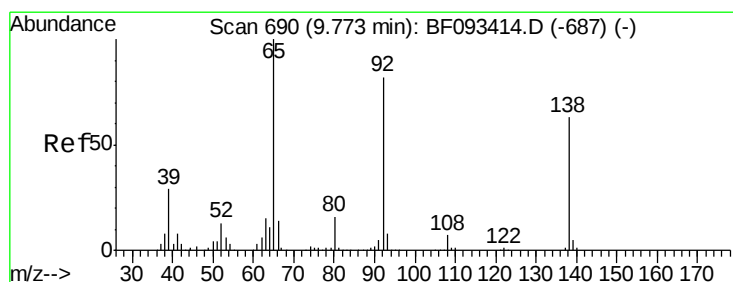
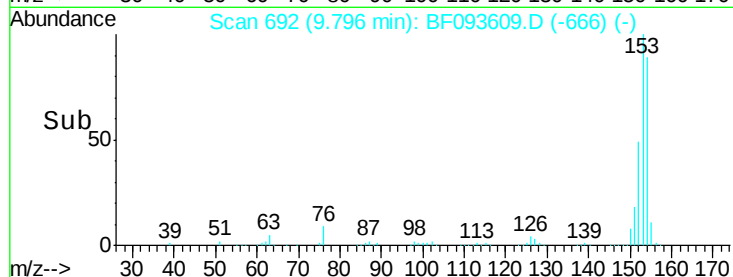
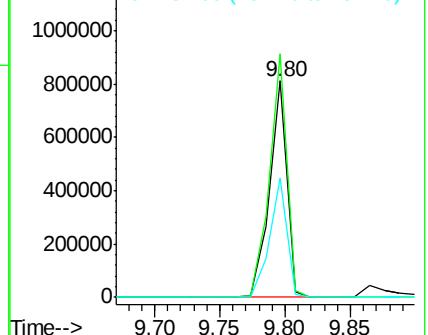
152 55.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.70 ng

RT: 9.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

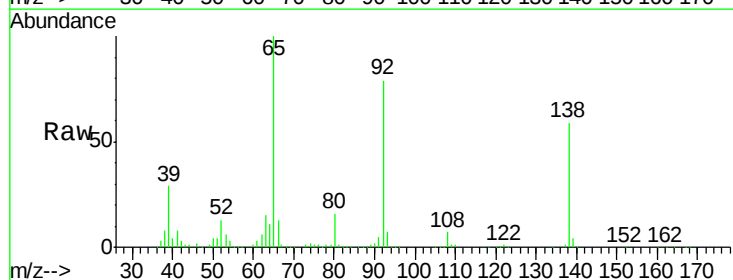
Tgt Ion:138 Resp: 164527

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

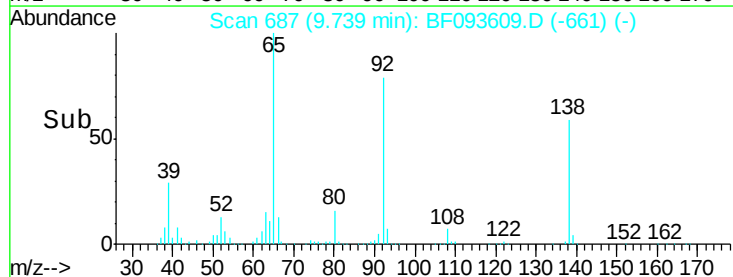
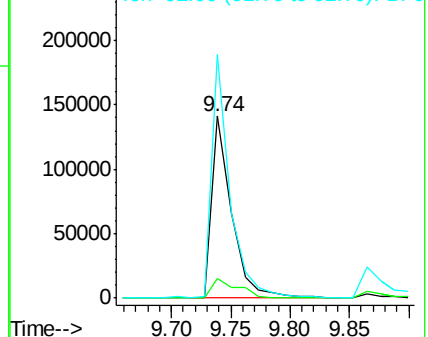
92 134.0 97.8 146.8

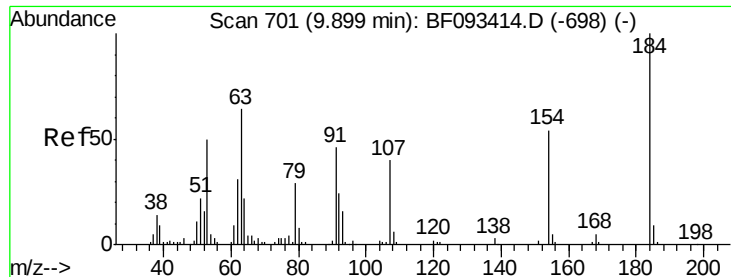


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

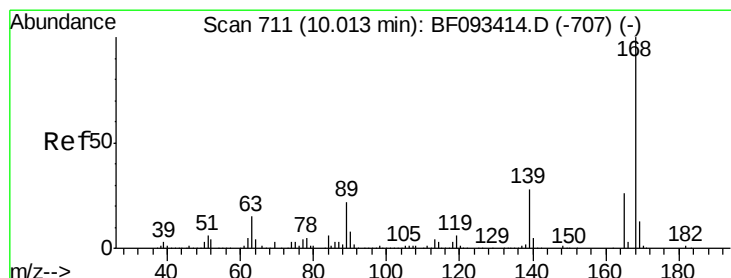
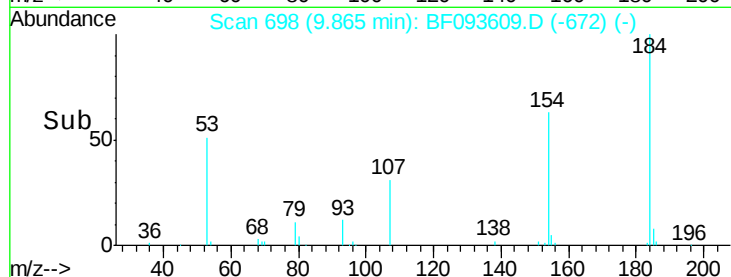
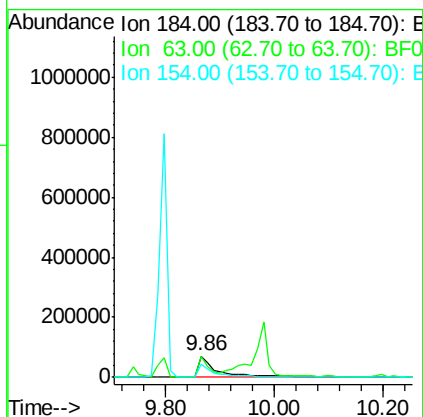
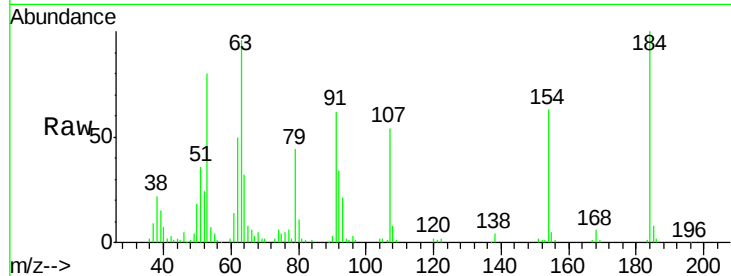




#53
 2,4-Dinitrophenol
 Concen: 84.74 ng
 RT: 9.86 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

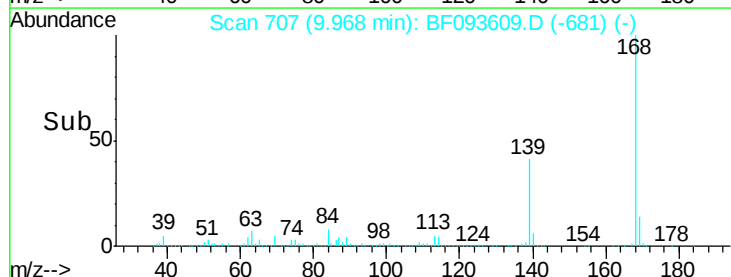
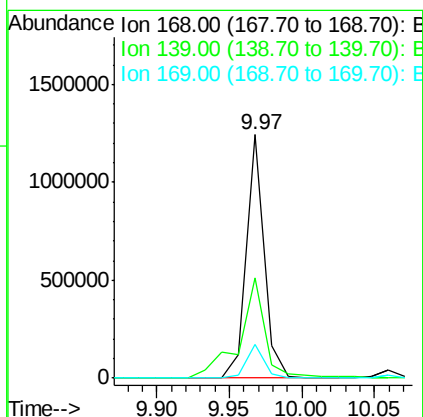
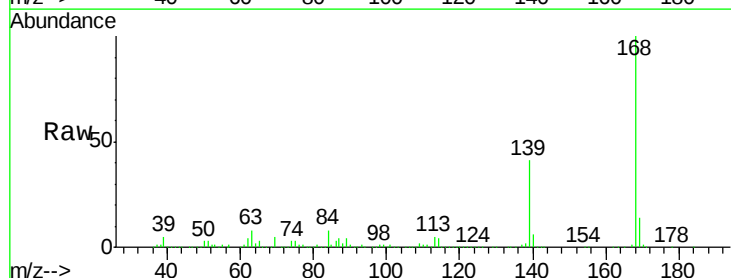
Instrument :
 BNA_F
 ClientSampleId :
 PB97540BS

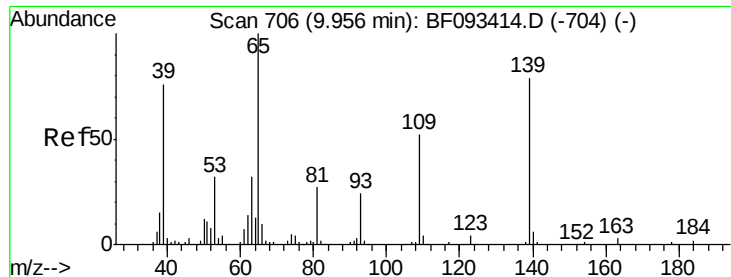
Tgt Ion:184 Resp: 177951
 Ion Ratio Lower Upper
 184 100
 63 95.5 28.4 42.6#
 154 63.4 44.3 66.5



#54
 Dibenzofuran
 Concen: 48.98 ng
 RT: 9.97 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Tgt Ion:168 Resp: 1056741
 Ion Ratio Lower Upper
 168 100
 139 41.3 32.6 49.0
 169 13.7 11.3 16.9

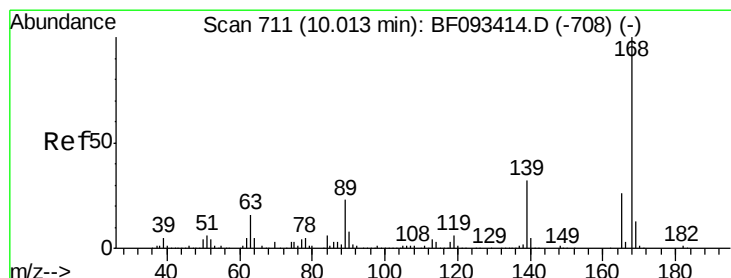
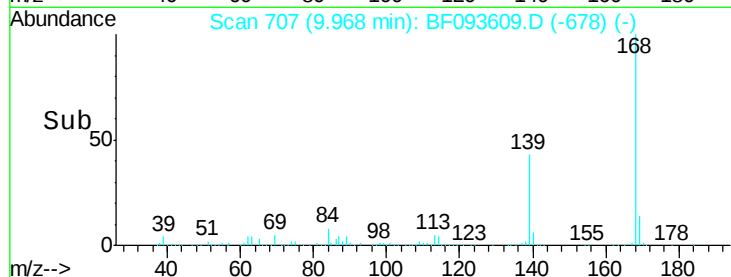
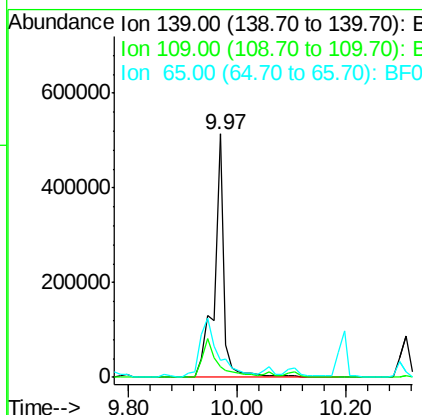
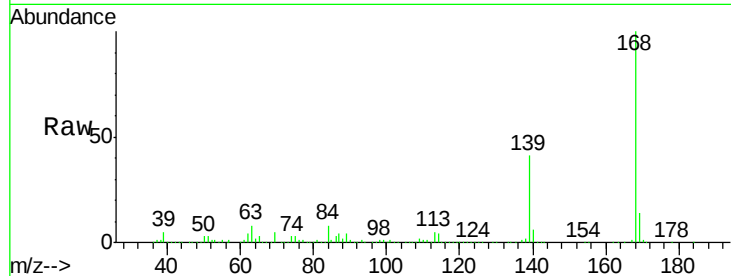




#55
4-Nitrophenol
Concen: 244.42 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

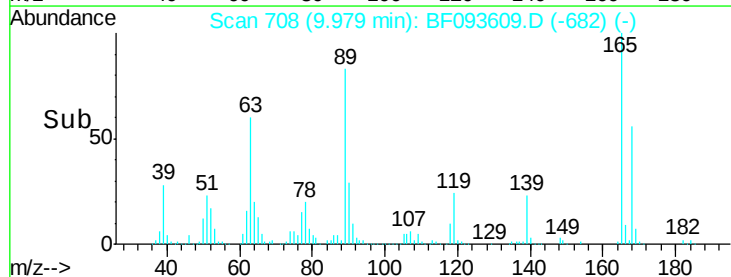
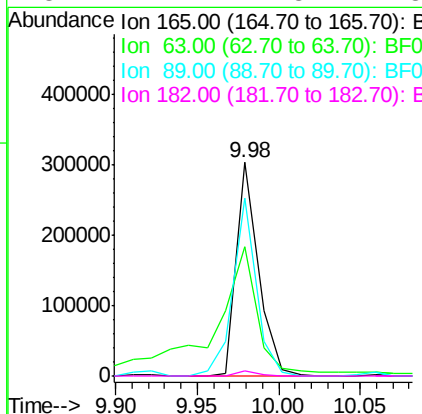
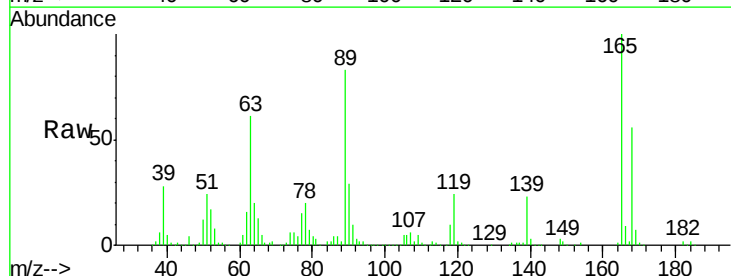
Instrument :
BNA_F
ClientSampleId :
PB97540BS

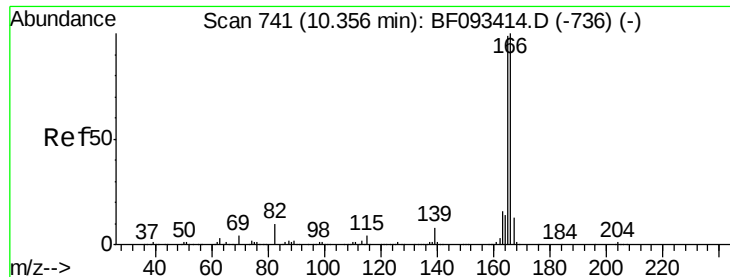
Tgt Ion:139 Resp: 657702
Ion Ratio Lower Upper
139 100
109 4.5 52.2 92.2#
65 7.1 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 49.71 ng
RT: 9.98 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Tgt Ion:165 Resp: 281613
Ion Ratio Lower Upper
165 100
63 60.6 40.2 60.4#
89 83.5 62.5 93.7
182 2.2 1.8 2.8

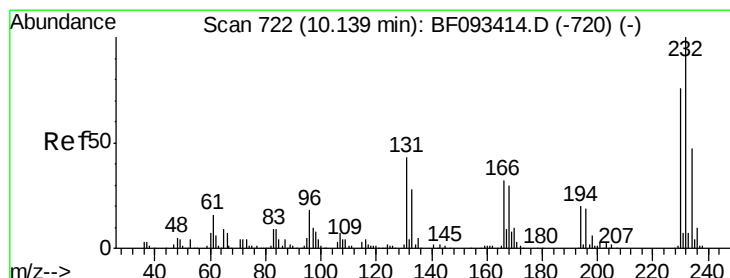
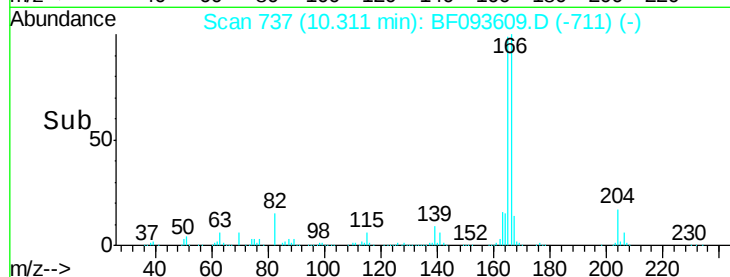
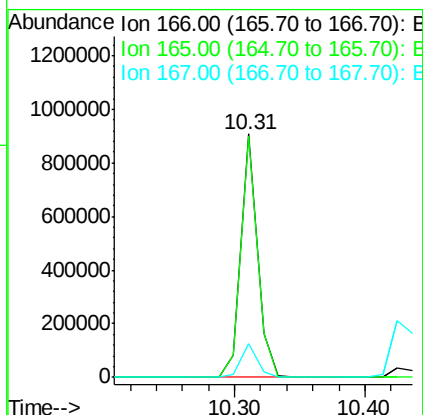
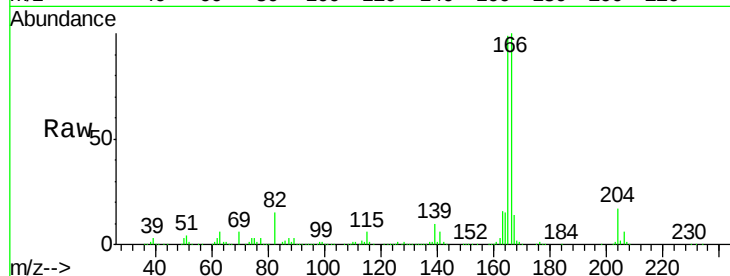




#57
Fluorene
 Concen: 43.54 ng
 RT: 10.31 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

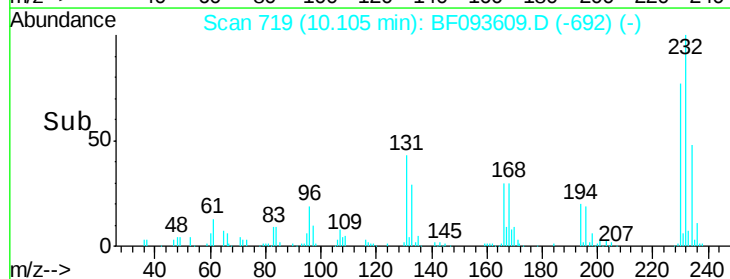
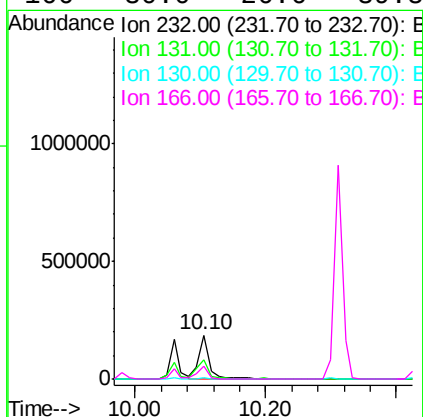
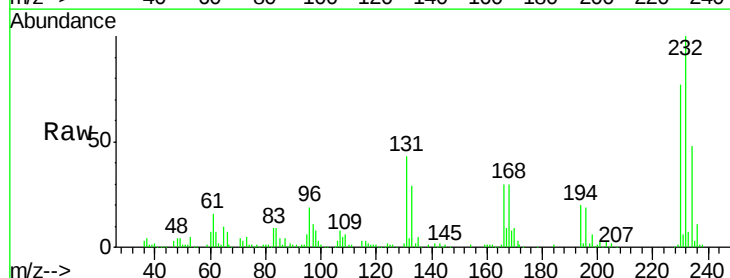
Instrument :
 BNA_F
 ClientSampleId :
 PB97540BS

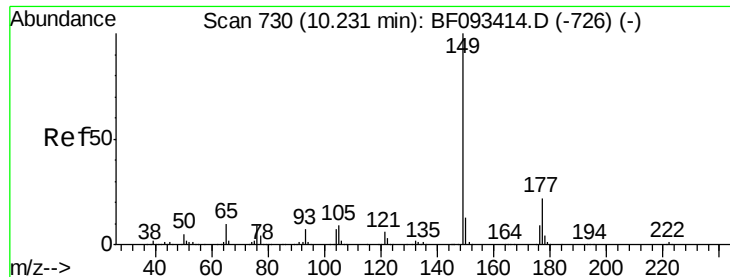
Tgt Ion:166 Resp: 796155
 Ion Ratio Lower Upper
 166 100
 165 99.3 77.8 116.8
 167 14.1 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.80 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Tgt Ion:232 Resp: 208027
 Ion Ratio Lower Upper
 232 100
 131 48.9 40.1 60.1
 130 2.5 1.8 2.8
 166 30.0 26.6 39.8

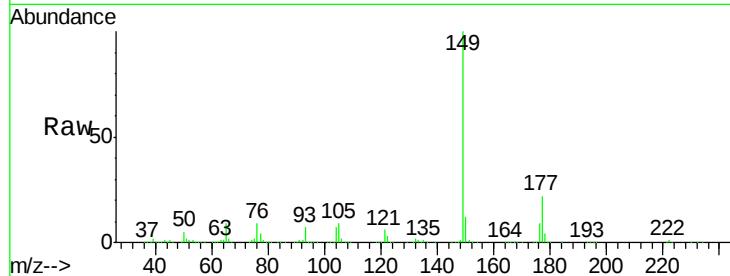




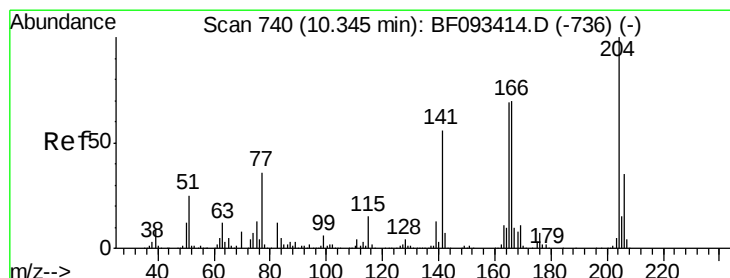
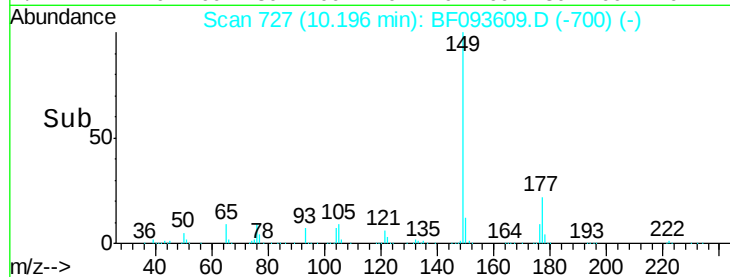
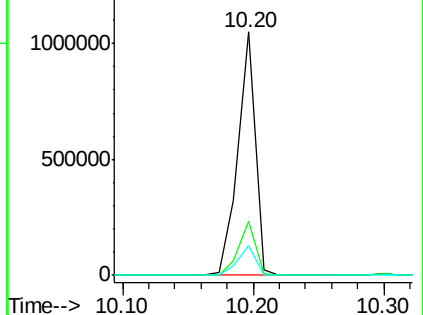
#59
Diethylphthalate
Concen: 48.21 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Instrument :
BNA_F
ClientSampled :
PB97540BS

Tgt Ion:149 Resp: 968293
Ion Ratio Lower Upper
149 100
177 22.2 16.6 25.0
150 12.5 10.4 15.6

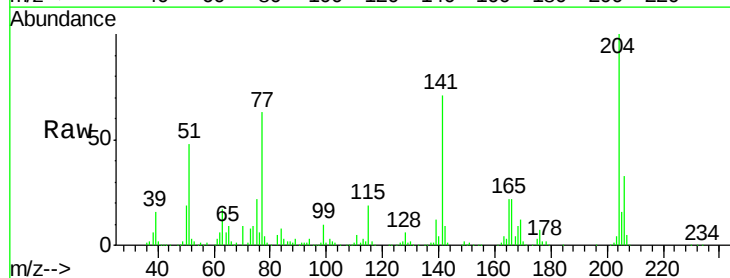


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

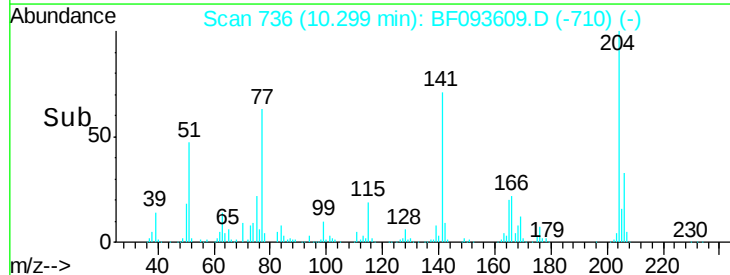
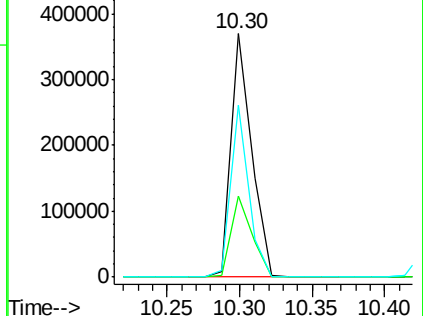


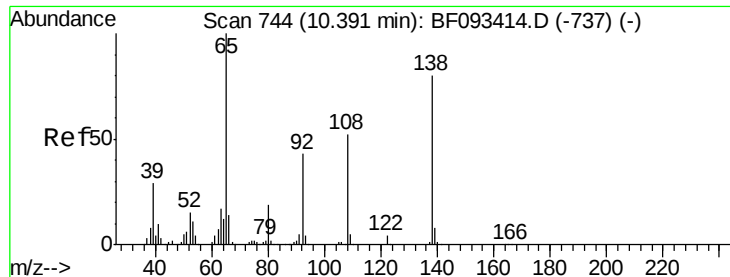
#60
4-Chlorophenyl-phenylether
Concen: 44.62 ng
RT: 10.30 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Tgt Ion:204 Resp: 365696
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 70.7 59.4 89.0



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

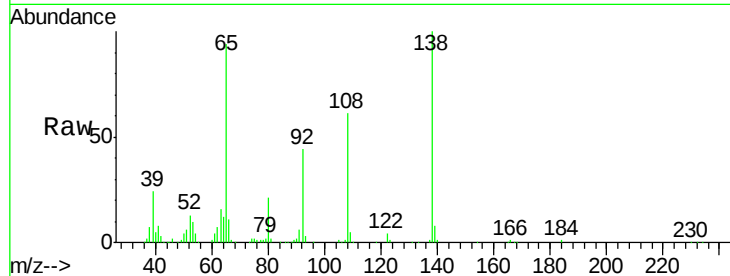




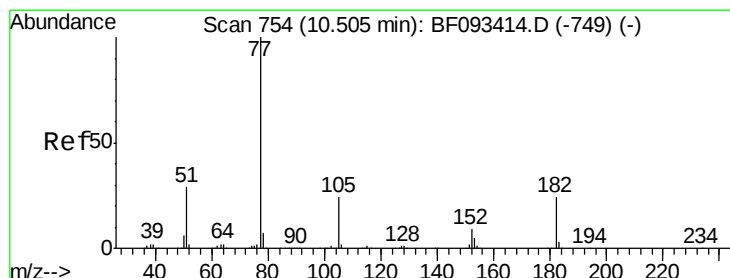
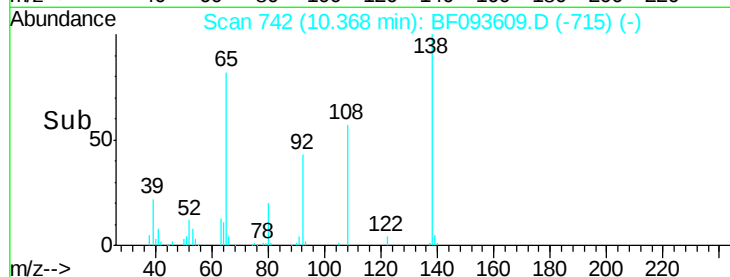
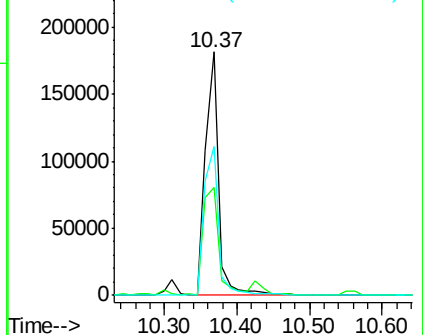
#61
4-Nitroaniline
Concen: 40.73 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Instrument :
BNA_F
ClientSampleId :
PB97540BS

Tgt Ion:138 Resp: 230779
Ion Ratio Lower Upper
138 100
92 44.2 31.7 71.7
108 61.0 52.6 92.6

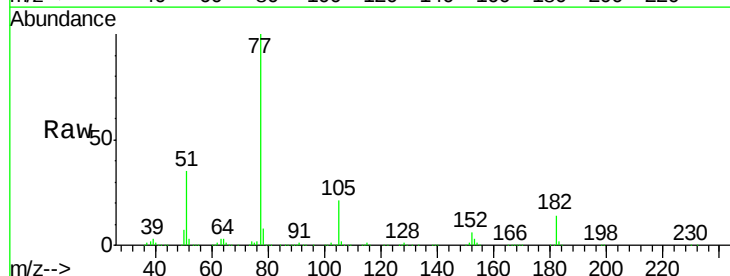


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

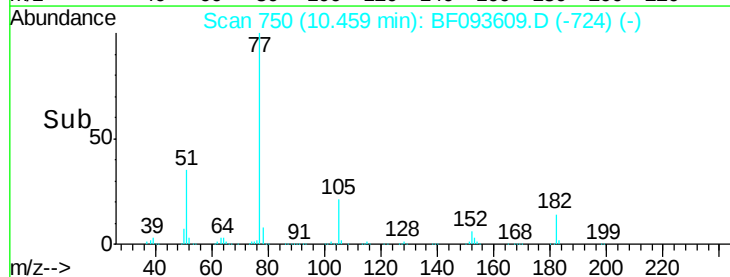
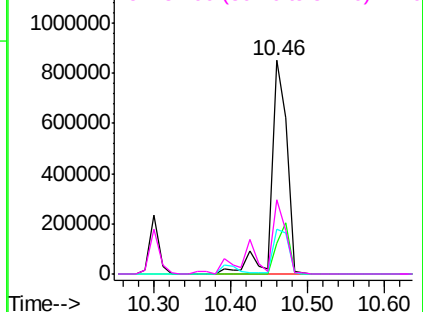


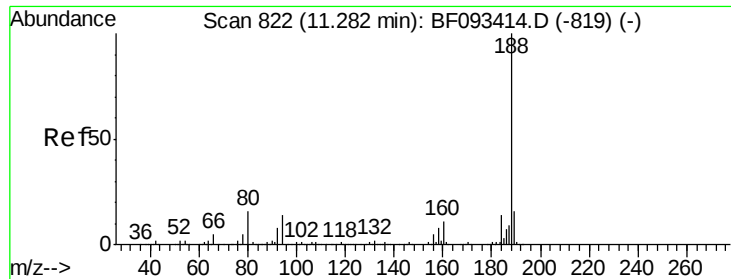
#62
Azobenzene
Concen: 50.80 ng
RT: 10.46 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Tgt Ion: 77 Resp: 1159490
Ion Ratio Lower Upper
77 100
182 14.2 0.0 39.3
105 20.7 2.3 42.3
51 34.9 8.9 48.9



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

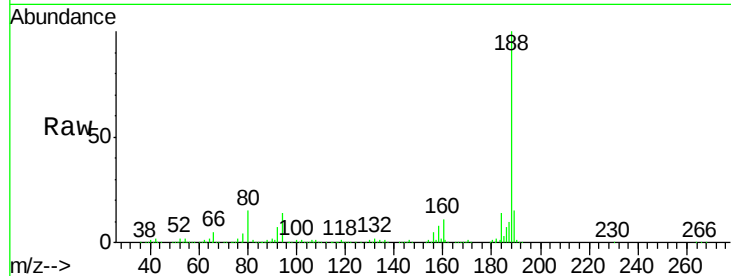




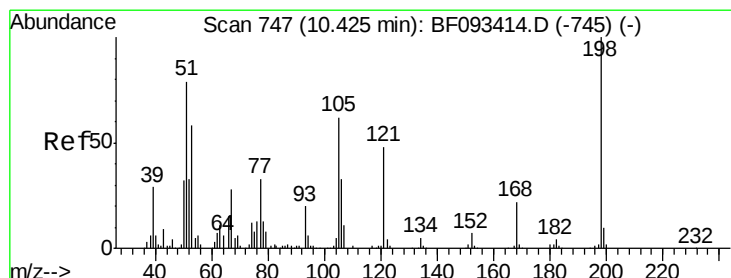
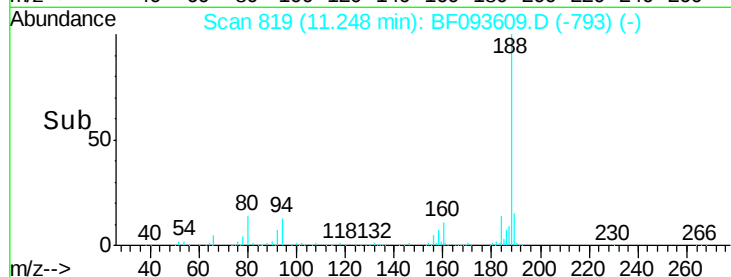
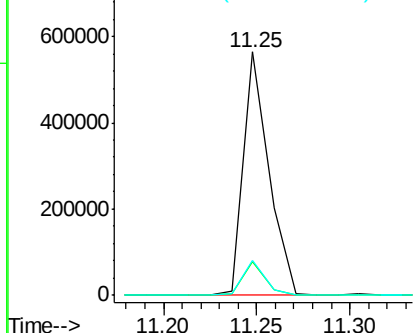
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Instrument :
BNA_F
ClientSampleId :
PB97540BS

Tgt Ion:188 Resp: 536280
Ion Ratio Lower Upper
188 100
94 13.7 10.0 15.0
80 14.6 11.2 16.8

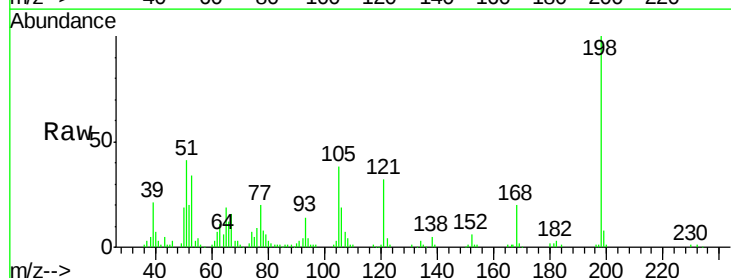


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

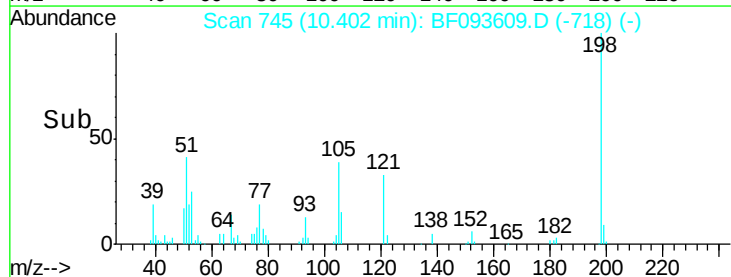
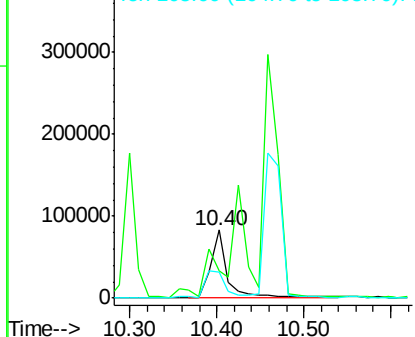


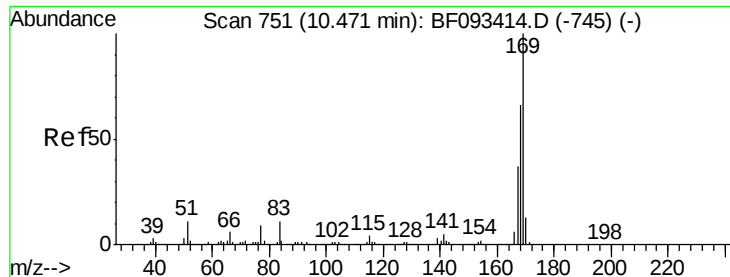
#64
4,6-Dinitro-2-methylphenol
Concen: 33.56 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Tgt Ion:198 Resp: 116607
Ion Ratio Lower Upper
198 100
51 40.9 6.7 46.7
105 37.5 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 40.15 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

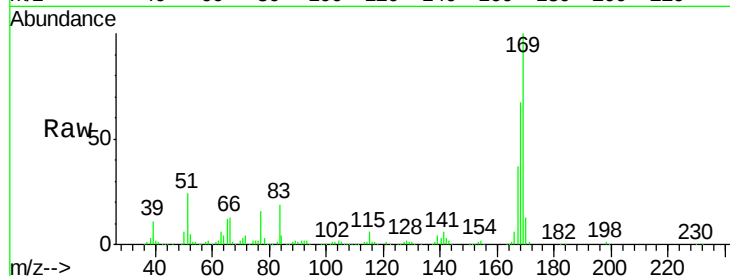
Tgt Ion:169 Resp: 719011

Ion Ratio Lower Upper

169 100

168 66.8 54.2 81.2

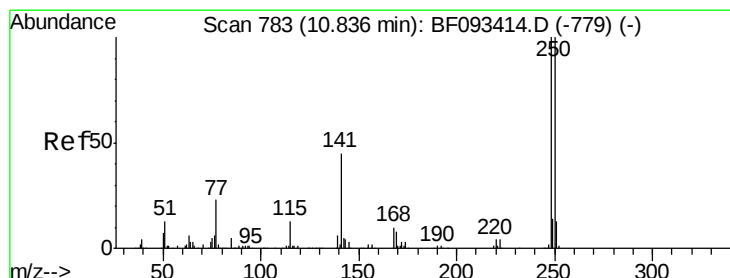
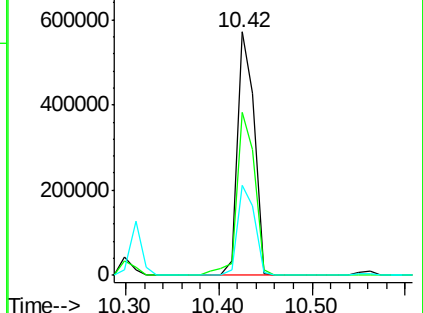
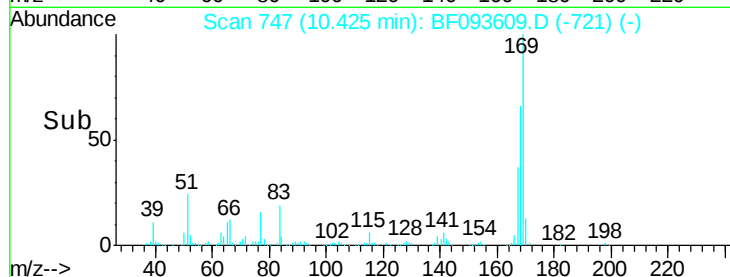
167 37.1 30.2 45.4



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: 38.44 ng

RT: 10.79 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

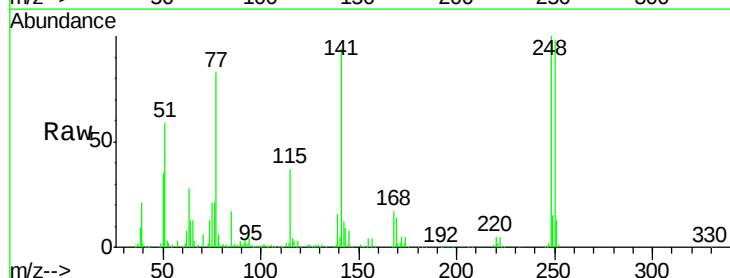
Tgt Ion:248 Resp: 218008

Ion Ratio Lower Upper

248 100

250 97.5 76.9 115.3

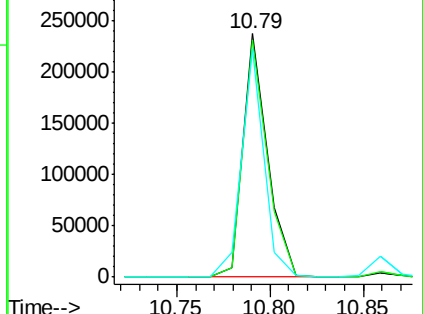
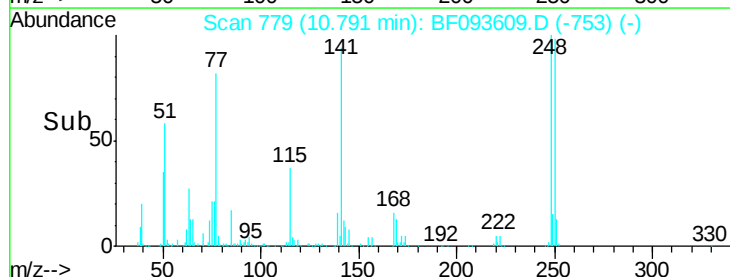
141 93.5 68.2 102.4

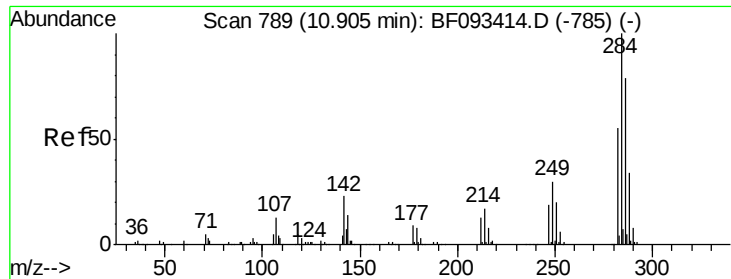


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.95 ng

RT: 10.86 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampled :

PB97540BS

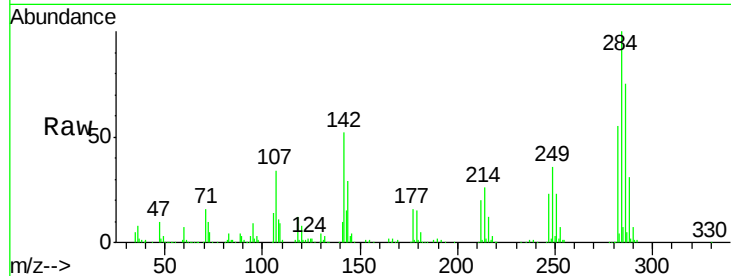
Tgt Ion:284 Resp: 216355

Ion Ratio Lower Upper

284 100

142 52.4 22.6 33.8#

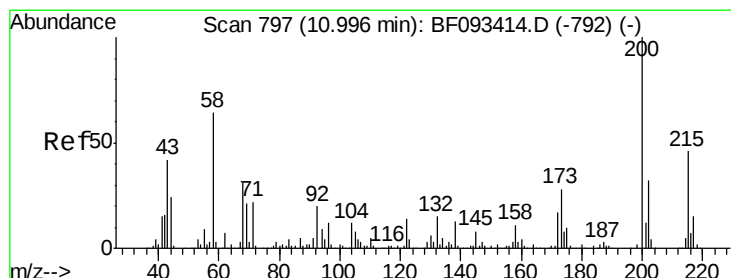
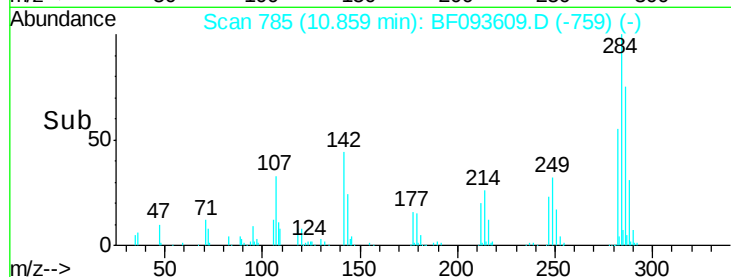
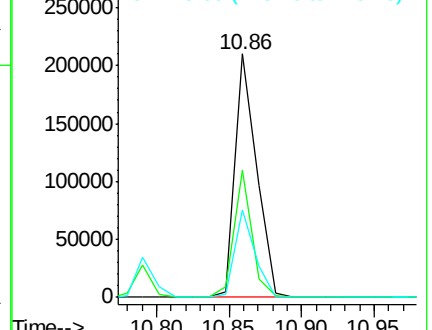
249 35.7 25.4 38.0



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: 37.32 ng

RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

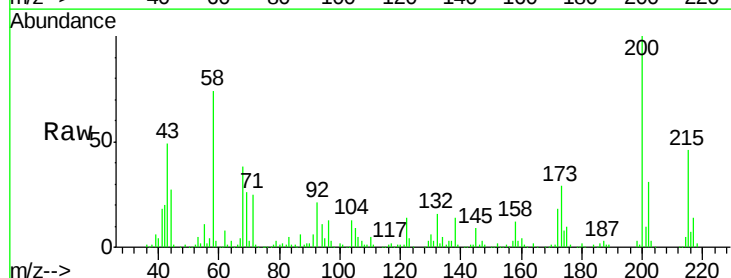
Tgt Ion:200 Resp: 195598

Ion Ratio Lower Upper

200 100

173 29.2 9.6 49.6

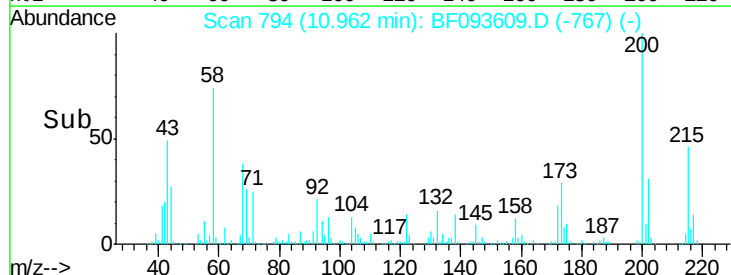
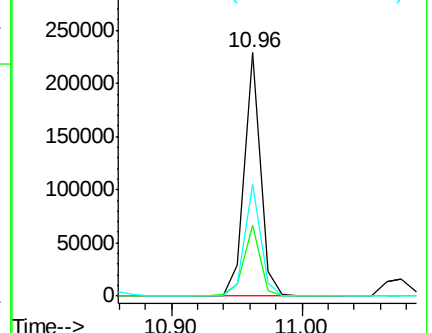
215 45.9 25.7 65.7

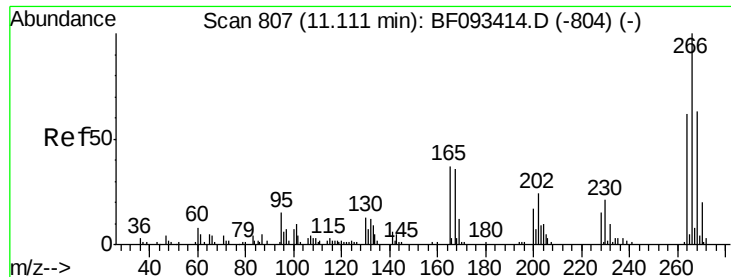


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

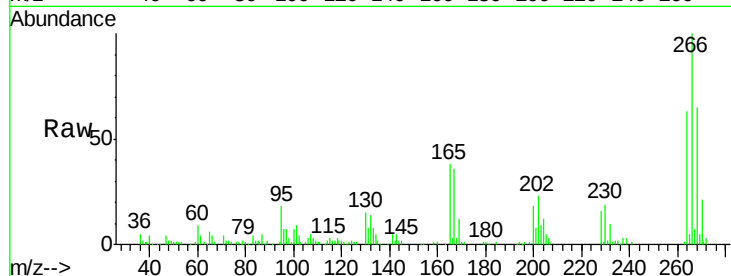




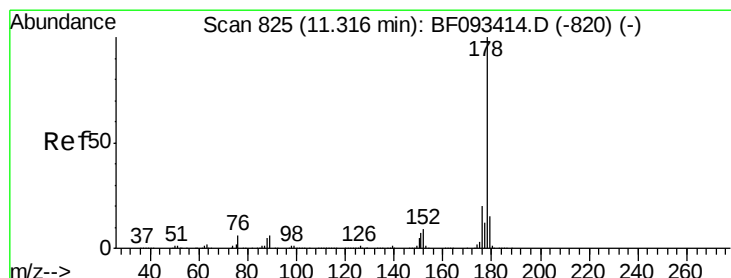
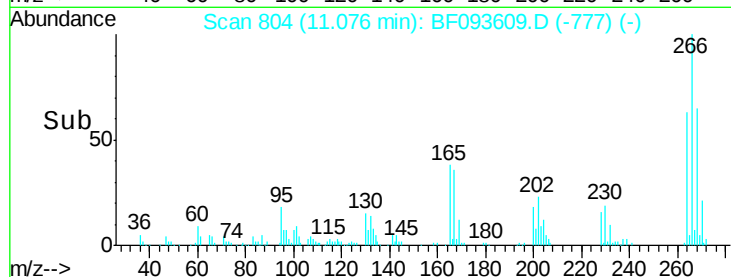
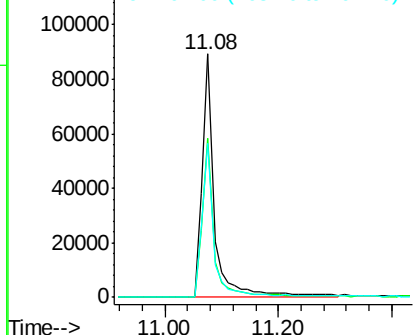
#69
 Pentachlorophenol
 Concen: 70.01 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB97540BS

Tgt Ion:266 Resp: 130893
 Ion Ratio Lower Upper
 266 100
 268 65.4 53.3 79.9
 264 63.1 50.3 75.5

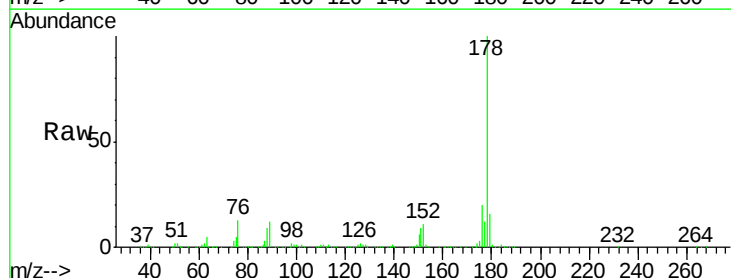


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

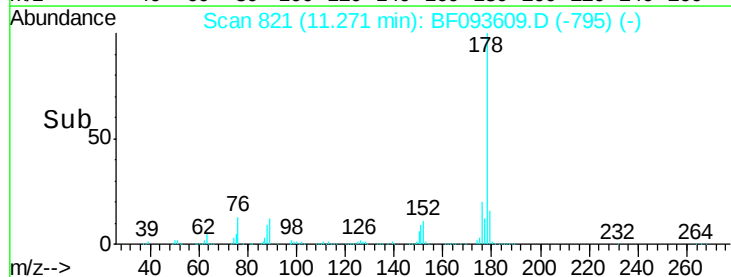
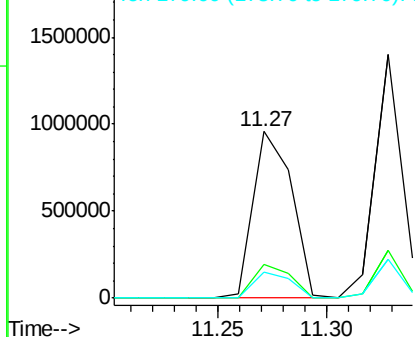


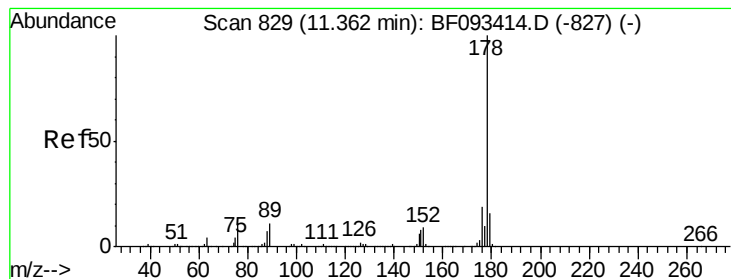
#70
 Phenanthrene
 Concen: 39.11 ng
 RT: 11.27 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Tgt Ion:178 Resp: 1197299
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 16.0 12.8 19.2



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





#71

Anthracene

Concen: 40.16 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

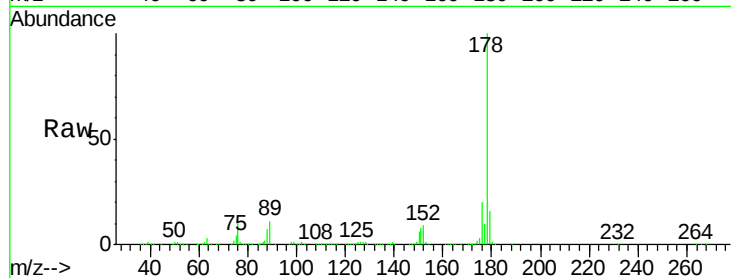
Tgt Ion:178 Resp: 1243492

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

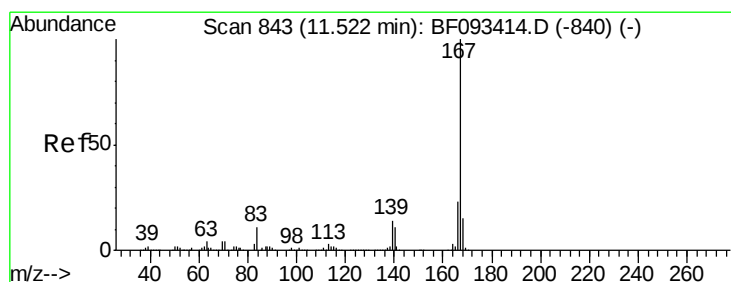
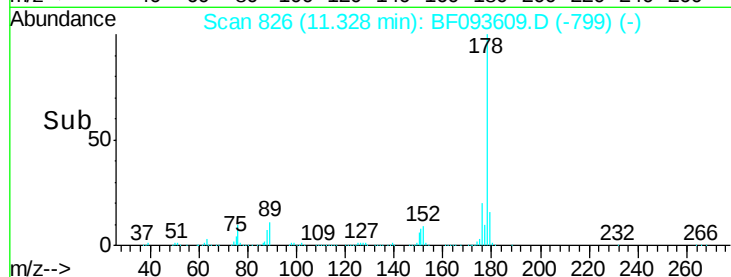
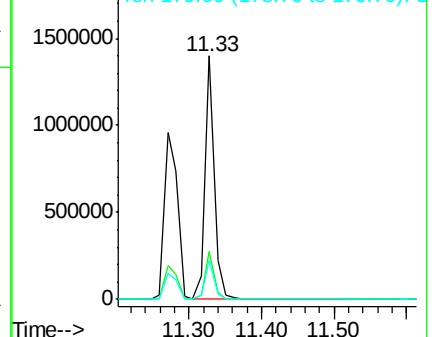
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.51 ng

RT: 11.49 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

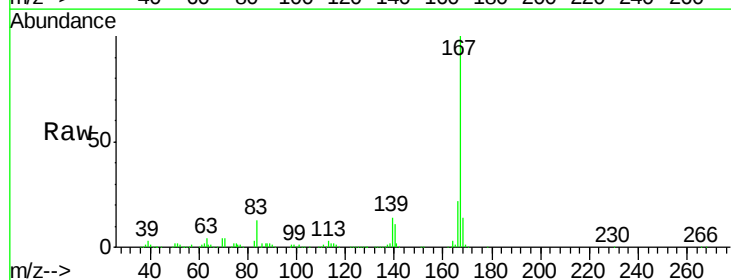
Tgt Ion:167 Resp: 1032819

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

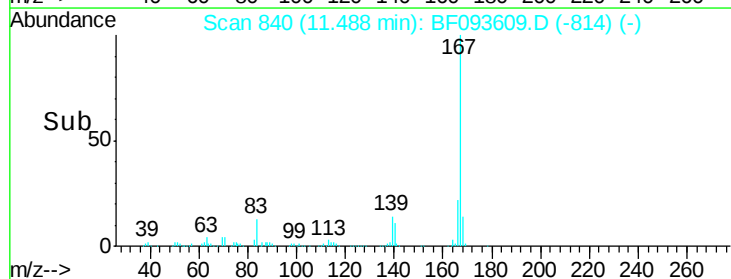
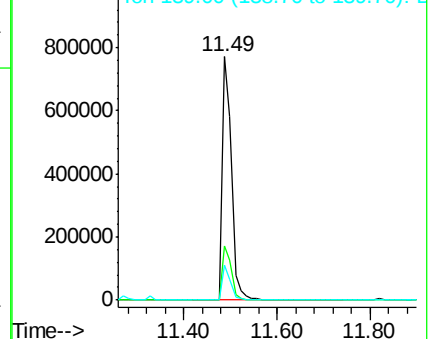
139 14.3 11.4 17.2

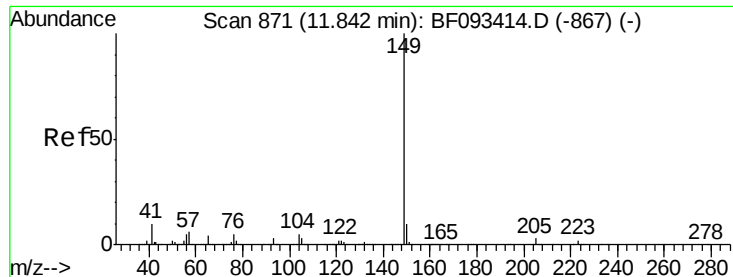


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.08 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

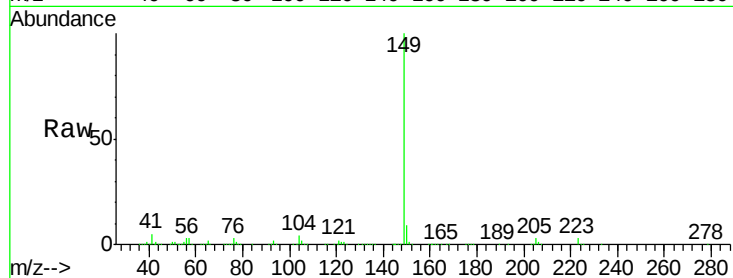
Tgt Ion:149 Resp: 1348859

Ion Ratio Lower Upper

149 100

150 8.8 8.1 12.1

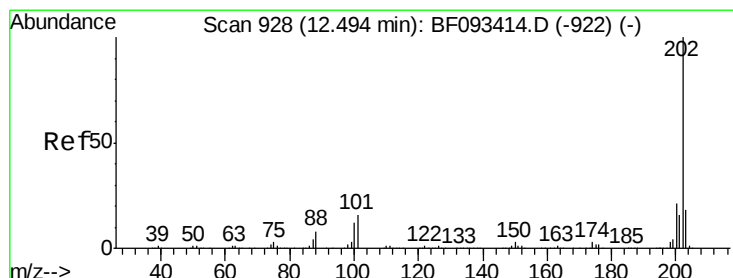
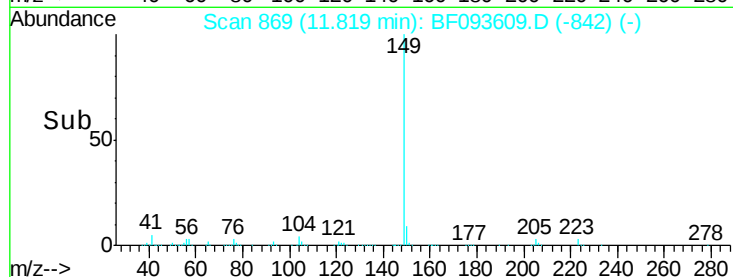
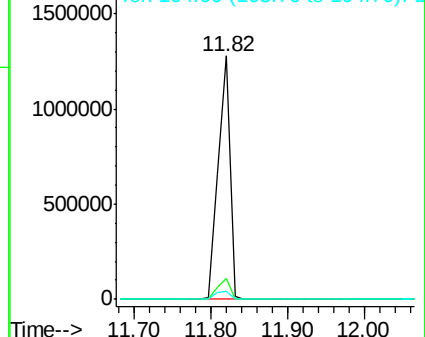
104 3.6 4.6 7.0#



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: 38.46 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

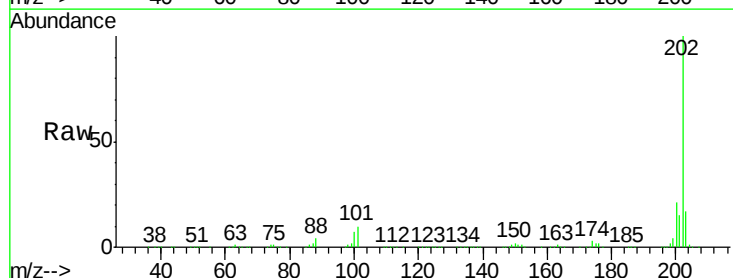
Tgt Ion:202 Resp: 1137069

Ion Ratio Lower Upper

202 100

101 9.5 0.0 34.6

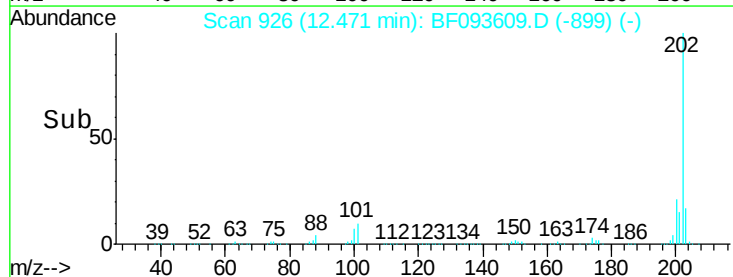
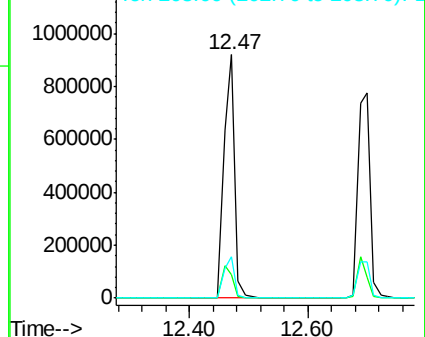
203 17.2 0.0 38.7

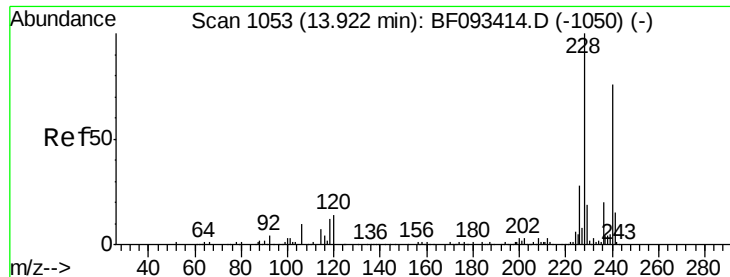


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

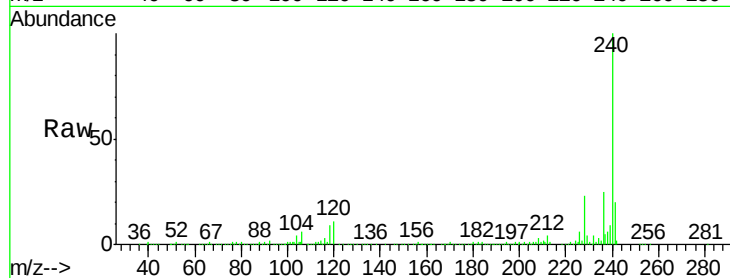
Tgt Ion:240 Resp: 338336

Ion Ratio Lower Upper

240 100

120 10.6 12.9 19.3#

236 25.5 20.9 31.3

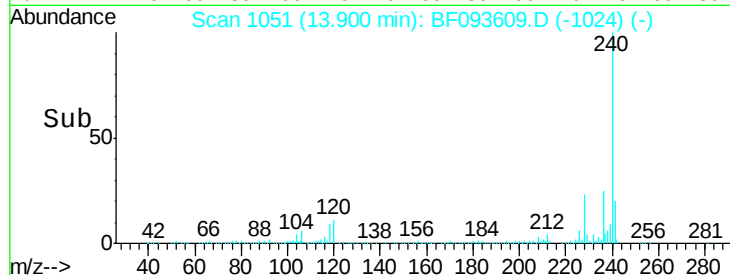


Abundance Ion 240.00 (239.70 to 240.70): E

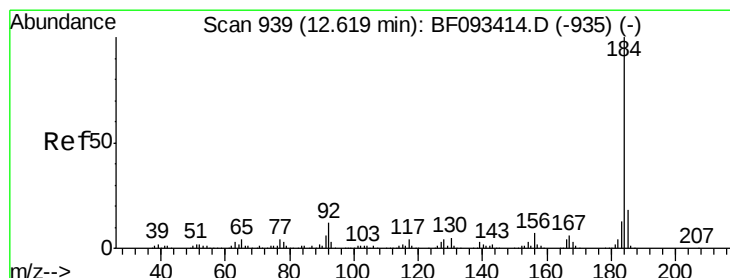
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.90



Time-->



#76

Benzidine

Concen: 7.43 ng

RT: 12.61 min Scan# 938

Delta R.T. 0.02 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

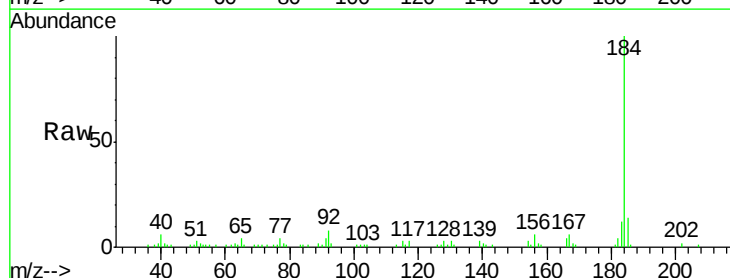
Tgt Ion:184 Resp: 82700

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

183 11.9 9.2 13.8

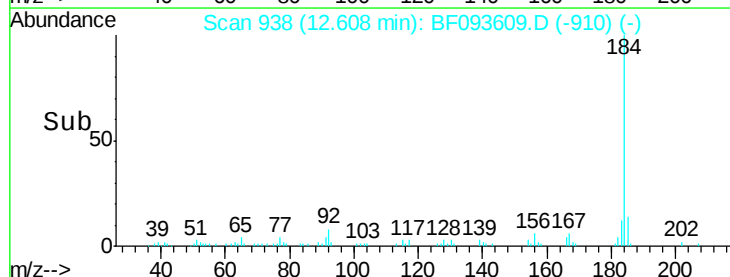


Abundance Ion 184.00 (183.70 to 184.70): E

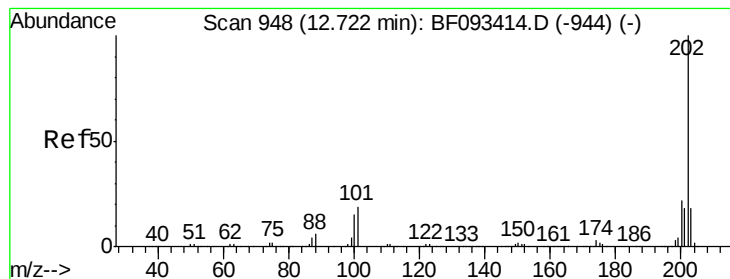
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.61



Time-->



#77

Pyrene

Concen: 44.81 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.02 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

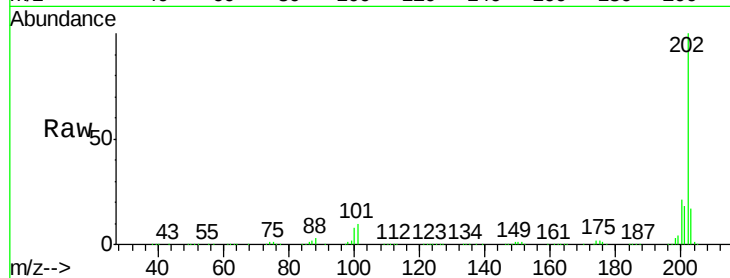
Tgt Ion:202 Resp: 1102640

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

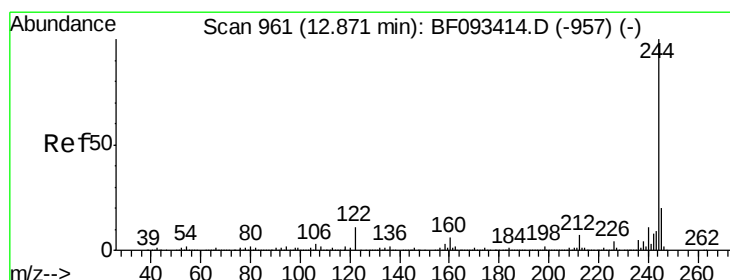
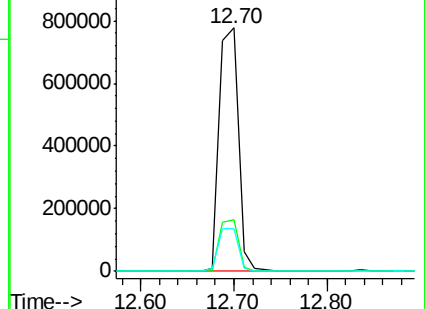
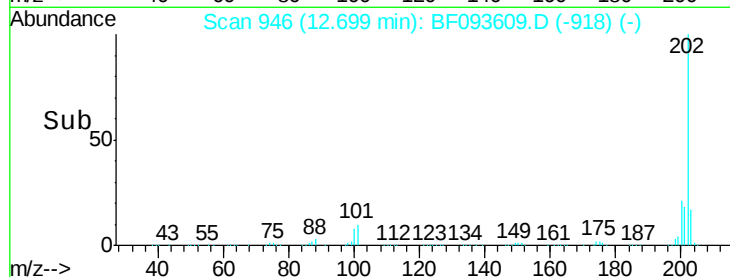
203 17.4 14.7 22.1



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: 89.20 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

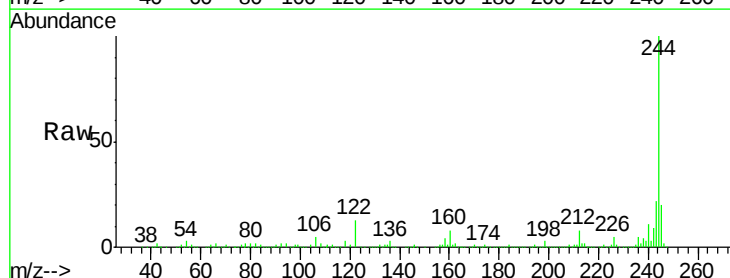
Tgt Ion:244 Resp: 1160766

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

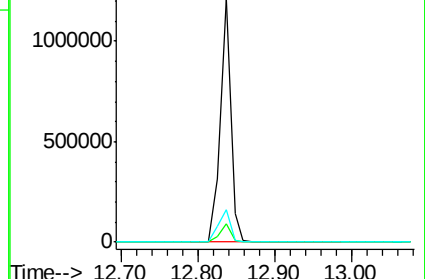
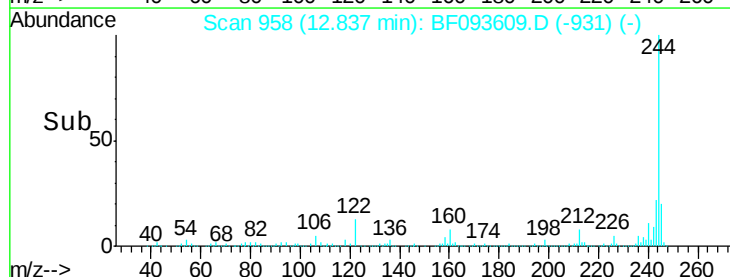
122 13.3 11.4 17.2

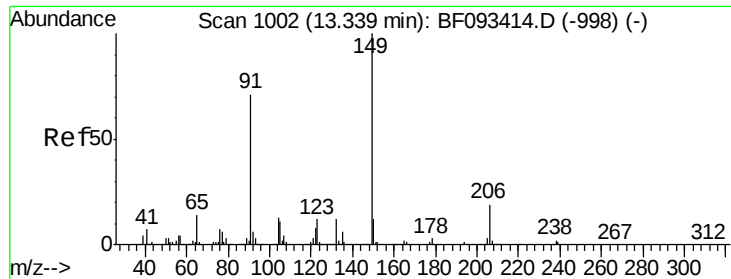


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

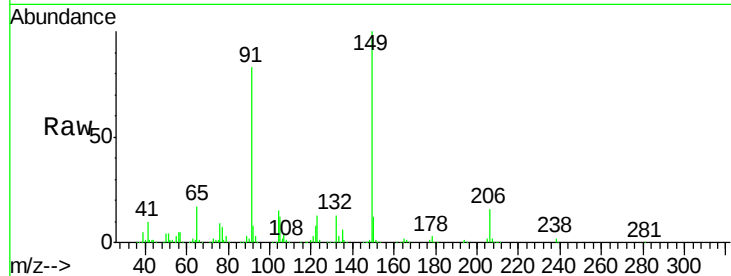




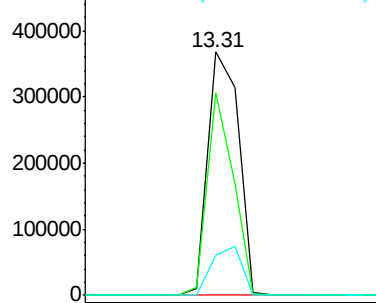
#79
Butylbenzylphthalate
Concen: 46.29 ng
RT: 13.31 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

Instrument :
BNA_F
ClientSampleId :
PB97540BS

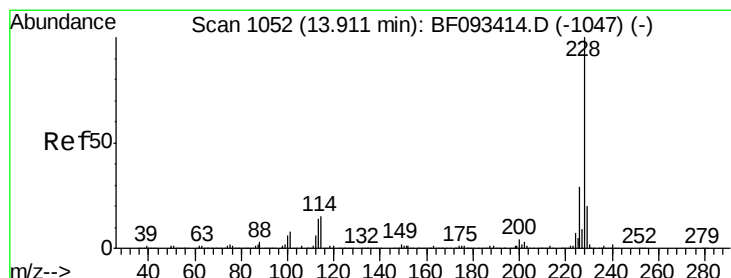
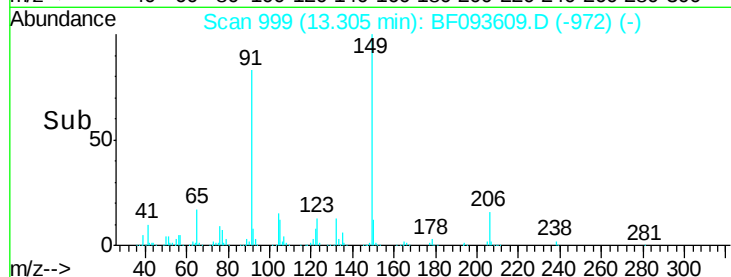
Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.0	63.9	95.9
206	16.5	14.6	21.8



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

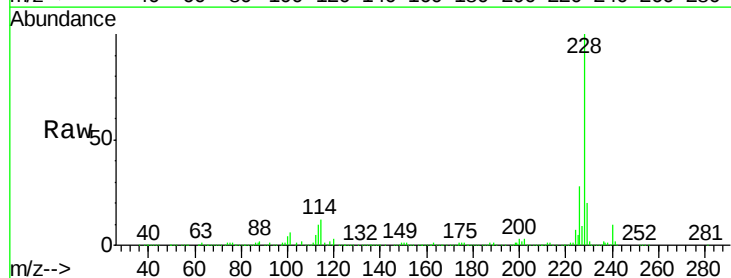


Time-->

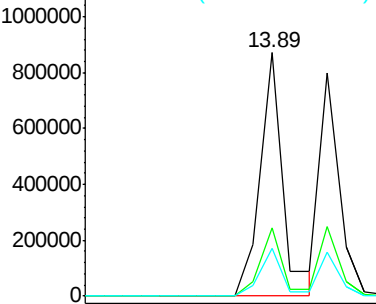


#80
Benzo(a)anthracene
Concen: 42.49 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093609.D
Acq: 13 Mar 2017 16:07

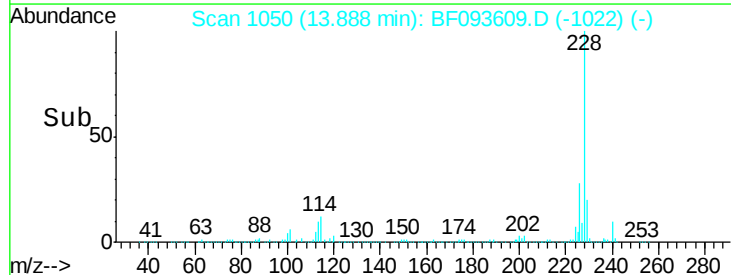
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.6	16.2	24.4

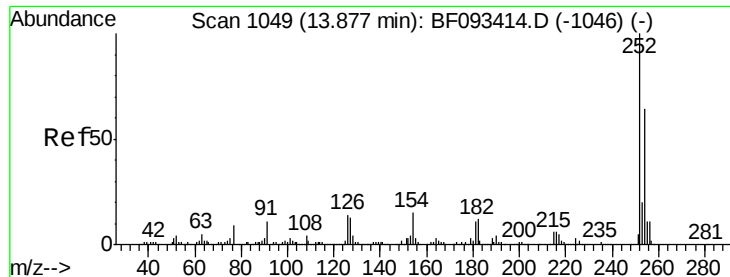


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->

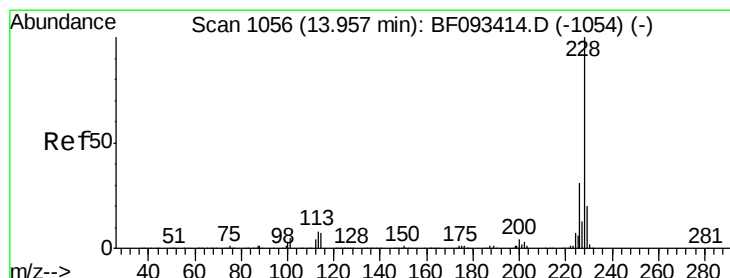
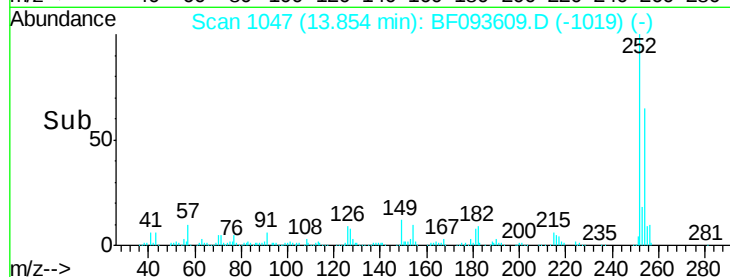
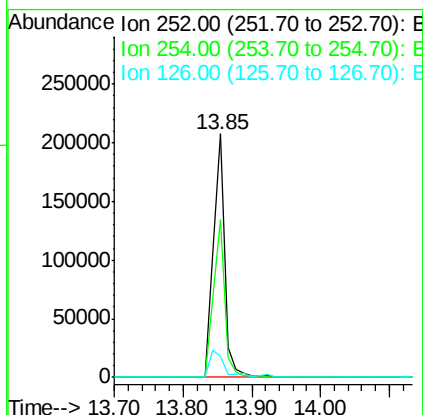
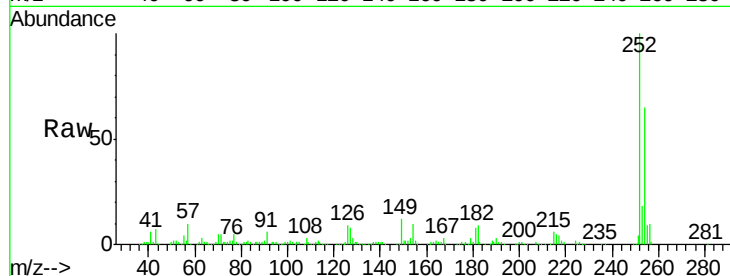




#81
 3,3'-Dichlorobenzidine
 Concen: 35.14 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

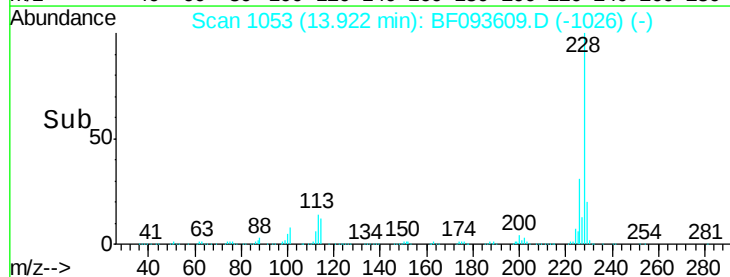
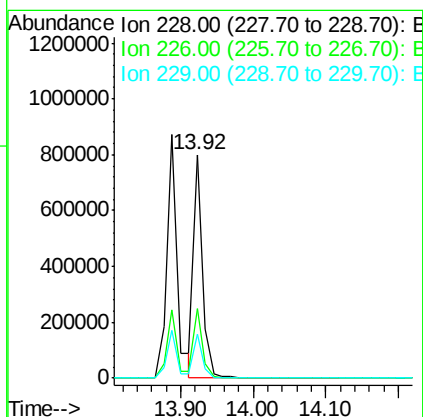
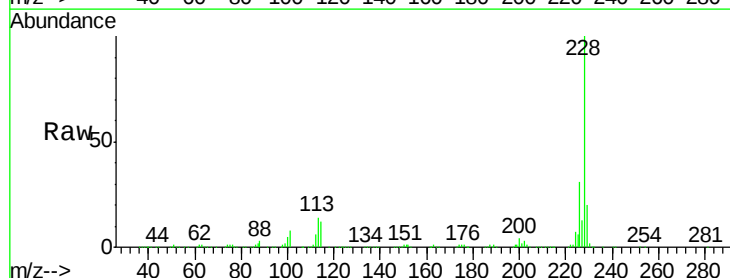
Instrument :
 BNA_F
 ClientSampleId :
 PB97540BS

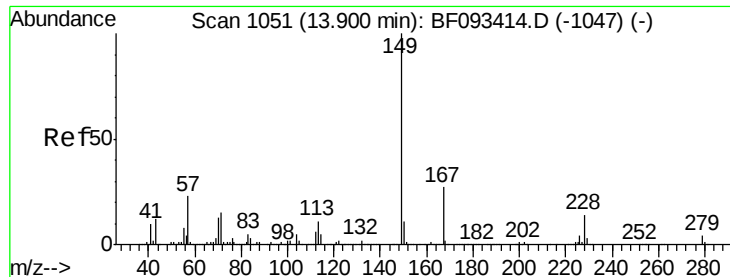
Tgt Ion:252 Resp: 245925
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.3 78.5
 126 8.8 13.6 20.4#



#82
 Chrysene
 Concen: 37.77 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Tgt Ion:228 Resp: 698292
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 19.9 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.07 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

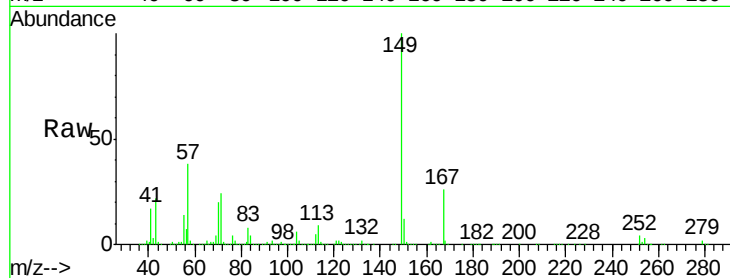
Tgt Ion:149 Resp: 621764

Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.4

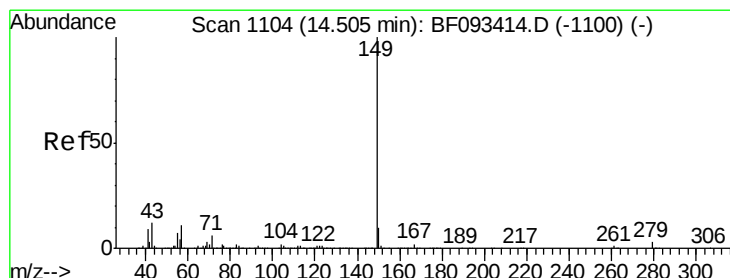
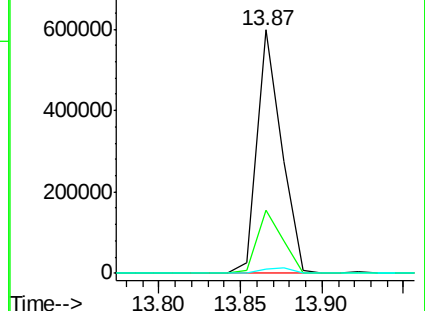
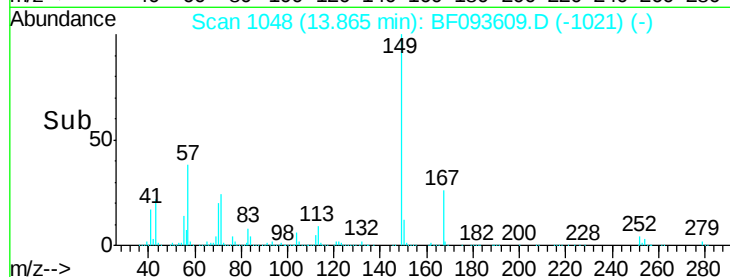
279 2.0 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.63 ng

RT: 14.48 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

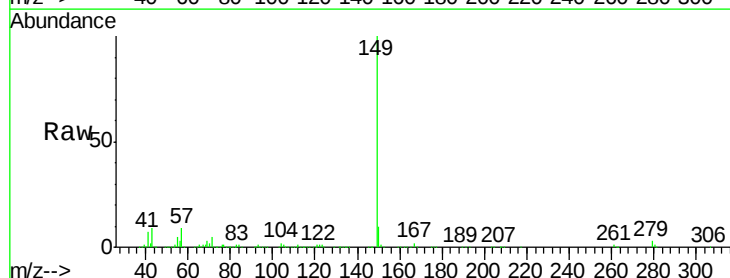
Tgt Ion:149 Resp: 977736

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

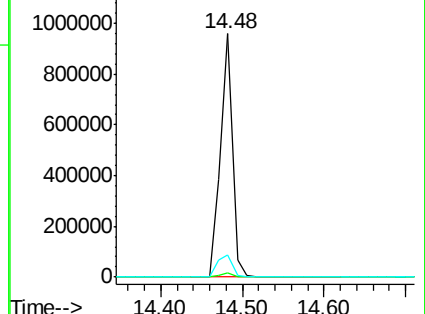
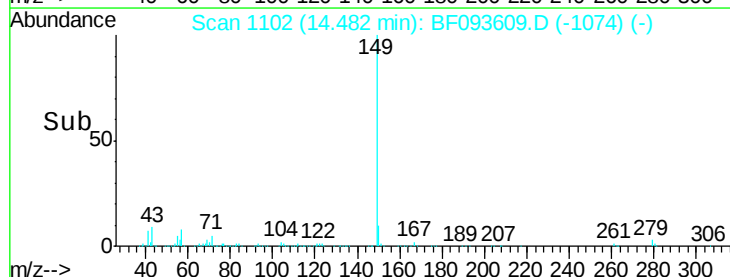
43 11.4 8.9 13.3

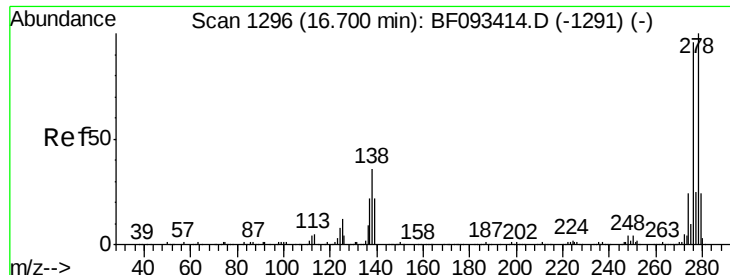


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

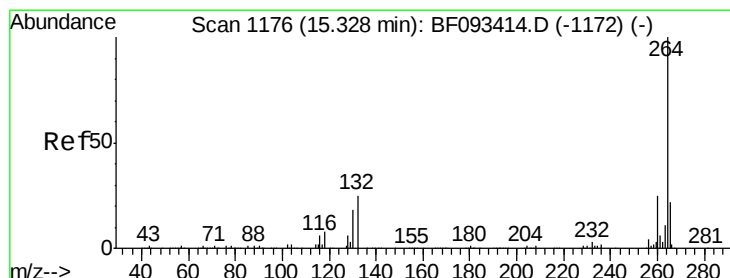
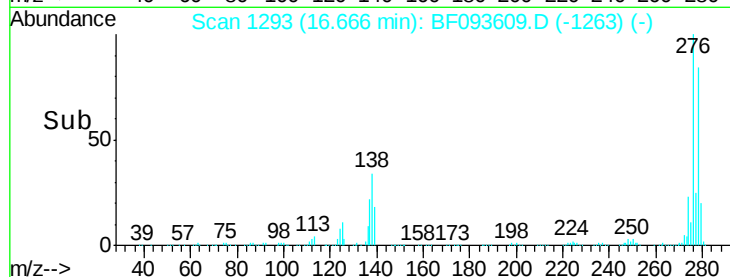
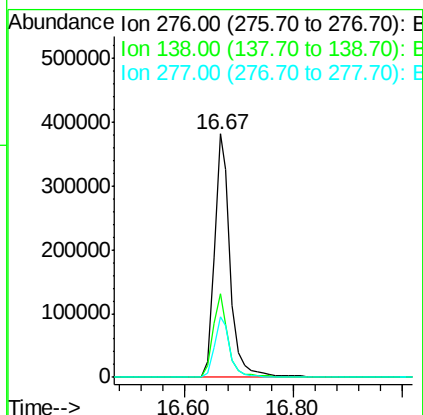
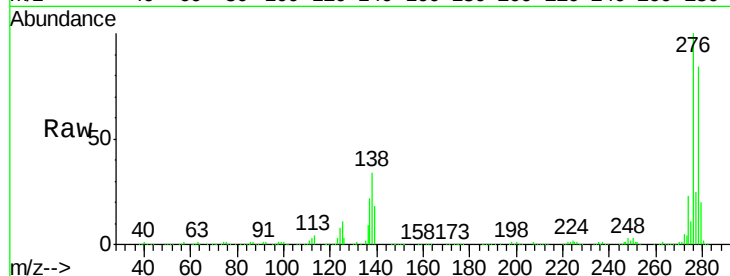




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.61 ng
 RT: 16.67 min Scan# 1293
 Delta R.T. 0.05 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

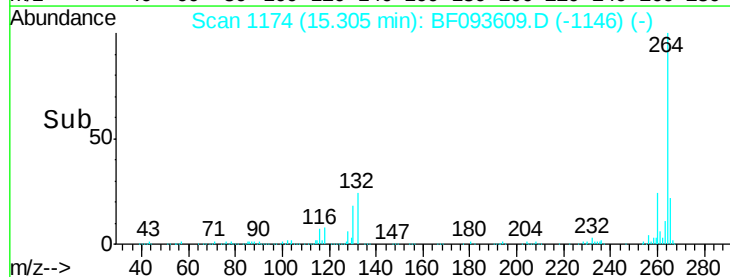
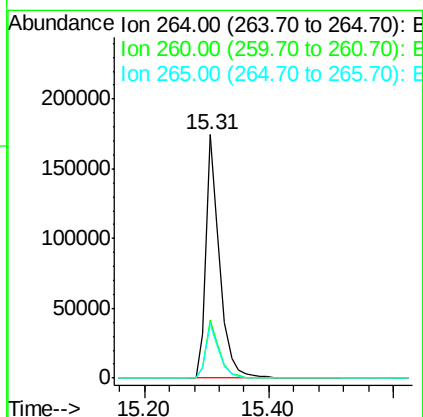
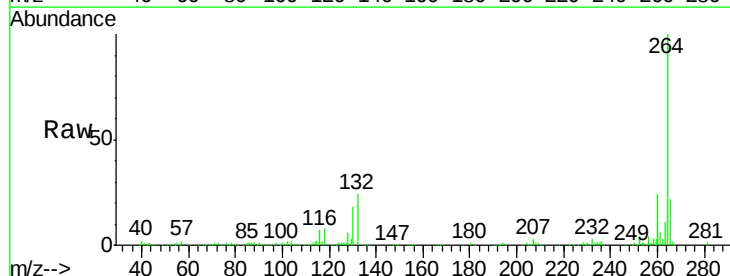
Instrument :
 BNA_F
 ClientSampleId :
 PB97540BS

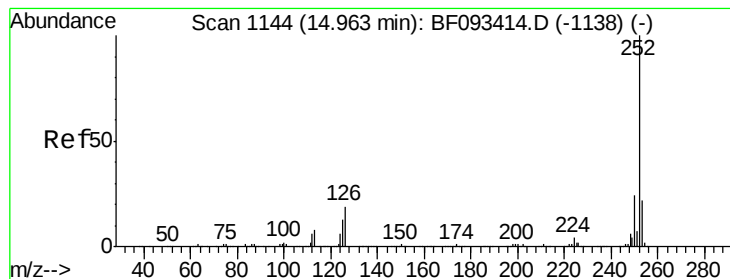
Tgt Ion: 276 Resp: 783060
 Ion Ratio Lower Upper
 276 100
 138 33.1 21.8 32.6#
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Tgt Ion: 264 Resp: 265589
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 82.99 ng

RT: 14.94 min Scan# 1142

Delta R.T. 0.05 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

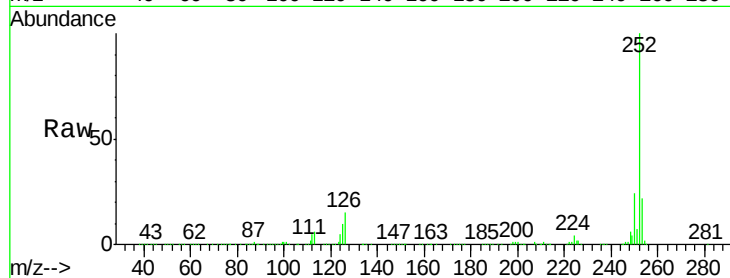
Tgt Ion:252 Resp: 1342312

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

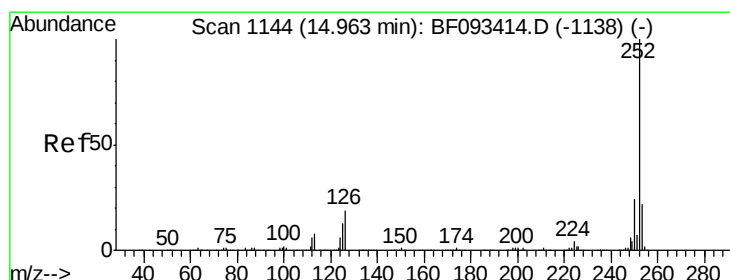
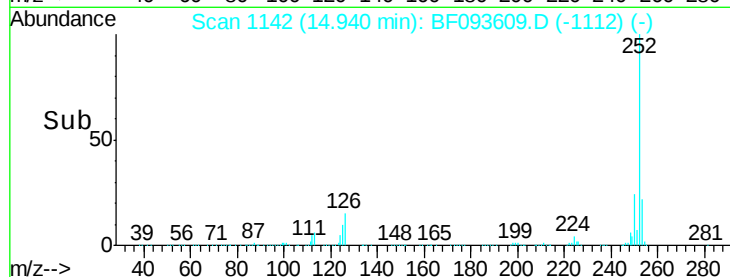
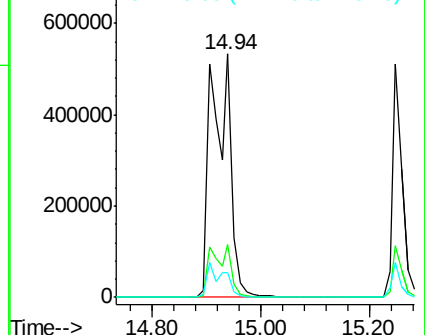
125 10.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 86.05 ng

RT: 14.94 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

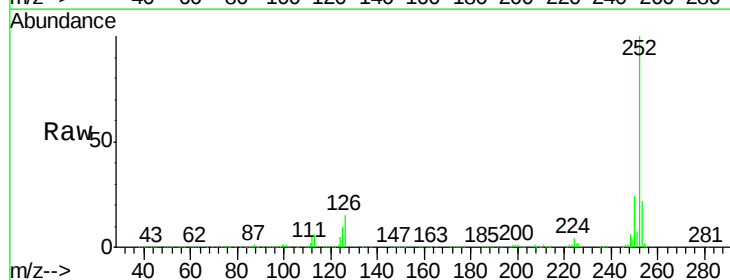
Tgt Ion:252 Resp: 1342312

Ion Ratio Lower Upper

252 100

253 21.8 18.5 27.7

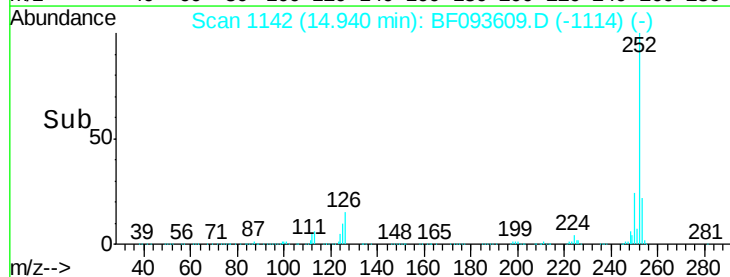
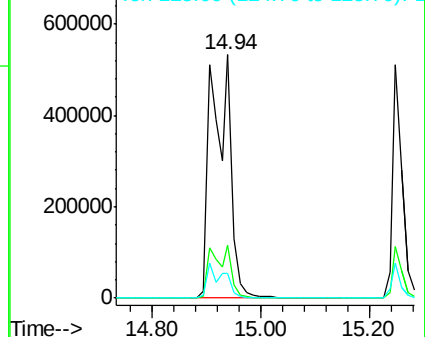
125 10.0 8.9 13.3

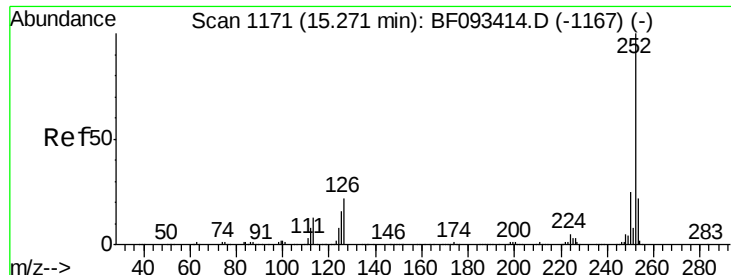


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.00 ng

RT: 15.25 min Scan# 1169

Delta R.T. 0.02 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

Instrument :

BNA_F

ClientSampleId :

PB97540BS

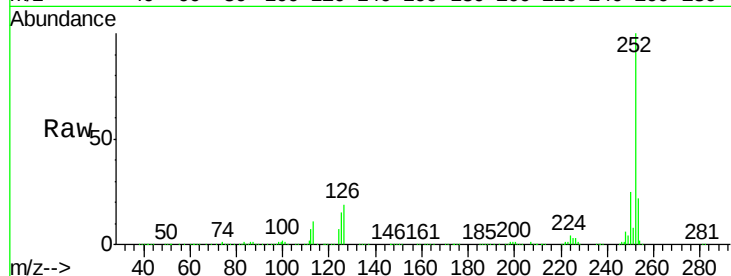
Tgt Ion:252 Resp: 650487

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

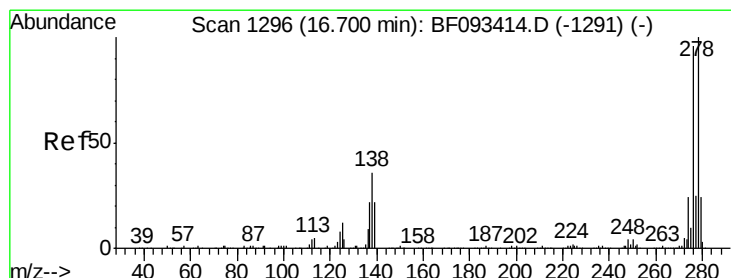
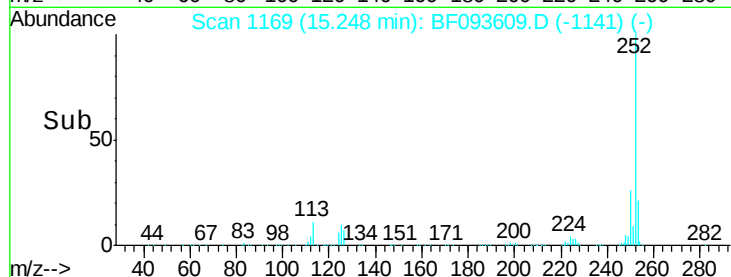
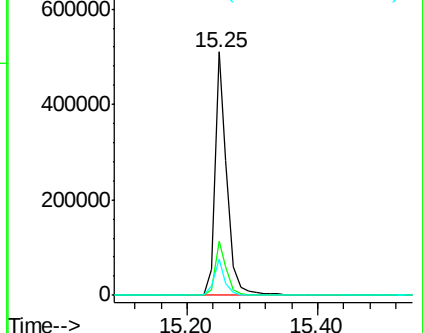
125 14.8 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.75 ng

RT: 16.67 min Scan# 1293

Delta R.T. 0.05 min

Lab File: BF093609.D

Acq: 13 Mar 2017 16:07

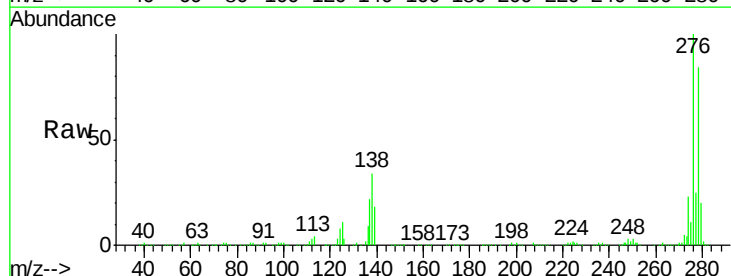
Tgt Ion:278 Resp: 657331

Ion Ratio Lower Upper

278 100

139 21.3 14.8 22.2

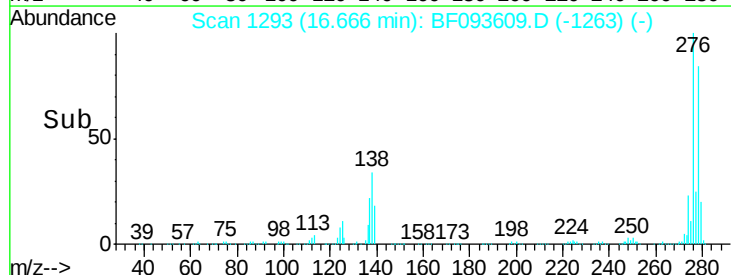
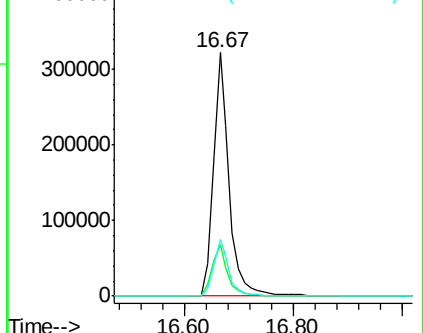
279 23.3 19.8 29.6

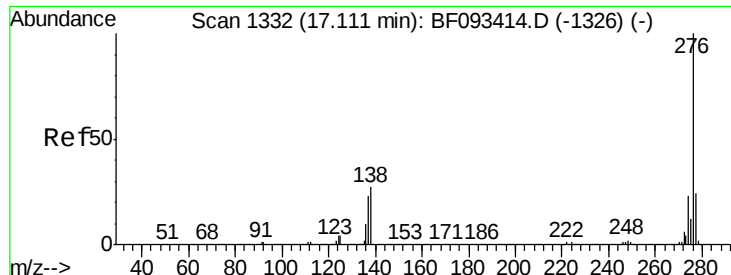


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 55.32 ng
 RT: 17.08 min Scan# 1329
 Delta R.T. 0.06 min
 Lab File: BF093609.D
 Acq: 13 Mar 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB97540BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	28.3	16.0	24.0

