

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093640.D
 Acq On : 14 Mar 2017 6:39
 Operator : SJ/MA
 Sample : I2201-17MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-112MS

Quant Time: Mar 14 08:14:57 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	174111	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	728994	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	353530	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	632942	20.00	ng	0.00
75) Chrysene-d12	13.90	240	512469	20.00	ng	0.01
86) Perylene-d12	15.31	264	360310	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1603748	153.30	ng	0.00
7) Phenol-d6	6.38	99	1905201	144.42	ng	0.00
23) Nitrobenzene-d5	7.29	82	1388500	105.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	356418	154.74	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	2013821	105.95	ng	0.00
78) Terphenyl-d14	12.84	244	1672804	84.87	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	253838	44.05	ng	# 84
3) Pyridine	3.05	79	197776	13.46	ng	88
4) n-Nitrosodimethylamine	2.95	42	366614	52.25	ng	78
6) Aniline	6.45	93	878551	48.52	ng	# 28
8) 2-Chlorophenol	6.50	128	575507	49.10	ng	97
9) Benzaldehyde	6.26	77	367365	51.68	ng	92
10) Phenol	6.39	94	805240	49.81	ng	# 74
11) bis(2-Chloroethyl)ether	6.45	93	878551	67.24	ng	89
12) 1,3-Dichlorobenzene	6.88	146	540225	40.27	ng	96
13) 1,4-Dichlorobenzene	6.72	146	644159	46.90	ng	98
14) 1,2-Dichlorobenzene	6.88	146	560581	46.09	ng	96
15) Benzyl Alcohol	6.88	79	499654	53.13	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1055334	48.62	ng	71
17) 2-Methylphenol	7.01	107	525680	53.02	ng	96
18) Hexachloroethane	7.21	117	229525	49.55	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	533819	58.86	ng	99
20) 3+4-Methylphenols	7.17	107	735829	57.23	ng	# 74
22) Acetophenone	7.13	105	872843	49.76	ng	# 98
24) Nitrobenzene	7.30	77	726836	49.22	ng	98
25) Isophorone	7.54	82	1343256	50.70	ng	# 93
26) 2-Nitrophenol	7.62	139	344590	51.15	ng	93
27) 2,4-Dimethylphenol	7.68	122	555327	50.67	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	881606	52.71	ng	100
29) 2,4-Dichlorophenol	7.89	162	579843	56.24	ng	89
30) 1,2,4-Trichlorobenzene	7.94	180	515934	47.05	ng	95
31) Naphthalene	8.02	128	1727145	47.28	ng	99
32) Benzoic acid	7.86	122	333287	58.52	ng	94
33) 4-Chloroaniline	8.02	127	234400	15.81	ng	# 35
34) Hexachlorobutadiene	8.13	225	272542	48.25	ng	99
35) Caprolactam	8.49	113	89337	25.37	ng	# 32
36) 4-Chloro-3-methylphenol	8.61	107	580897	52.78	ng	98
37) 2-Methylnaphthalene	8.72	142	1146124	49.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	500403	51.84	ng	98
40) Hexachlorocyclopentadiene	8.87	237	289438	112.96	ng	99

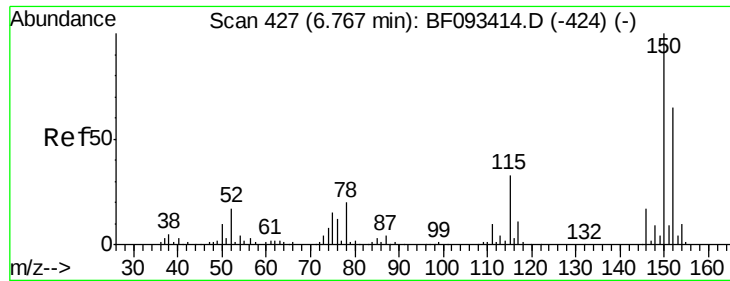
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093640.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	354739	58.82	ng	94
43) 2,4,5-Trichlorophenol	9.08	196	310445	47.97	ng	# 91
45) 1,1'-Biphenyl	9.18	154	1358877	52.76	ng	96
46) 2-Chloronaphthalene	9.21	162	1123442	56.99	ng	98
47) 2-Nitroaniline	9.33	65	424468	60.91	ng	96
48) Acenaphthylene	9.62	152	1711355	52.64	ng	99
49) Dimethylphthalate	9.50	163	1319290	56.29	ng	99
50) 2,6-Dinitrotoluene	9.57	165	244217	47.49	ng	# 39
51) Acenaphthene	9.80	154	1027130	53.42	ng	95
52) 3-Nitroaniline	9.75	138	116239	18.81	ng	# 96
53) 2,4-Dinitrophenol	9.86	184	324309	138.47	ng	# 29
54) Dibenzofuran	9.97	168	1384045	57.52	ng	96
55) 4-Nitrophenol	9.97	139	907554	302.42	ng	# 13
56) 2,4-Dinitrotoluene	9.99	165	393930	62.35	ng	# 76
57) Fluorene	10.31	166	1060459	52.01	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	300288	65.75	ng	98
59) Diethylphthalate	10.20	149	1275033	56.92	ng	99
60) 4-Chlorophenyl-phenylether	10.30	204	497613	54.44	ng	97
61) 4-Nitroaniline	10.37	138	275698	43.63	ng	97
62) Azobenzene	10.46	77	1680470	66.02	ng	92
64) 4,6-Dinitro-2-methylphenol	10.40	198	211487	51.57	ng	# 68
65) n-Nitrosodiphenylamine	10.44	169	1066798	50.48	ng	98
66) 4-Bromophenyl-phenylether	10.79	248	306524	45.80	ng	95
67) Hexachlorobenzene	10.86	284	301138	47.12	ng	# 75
68) Atrazine	10.97	200	327450	52.93	ng	94
69) Pentachlorophenol	11.08	266	241970	109.66	ng	97
70) Phenanthrene	11.27	178	1762595	48.79	ng	99
71) Anthracene	11.33	178	1646512	45.05	ng	99
72) Carbazole	11.50	167	1697045	49.43	ng	98
73) Di-n-butylphthalate	11.82	149	2170272	54.64	ng	# 97
74) Fluoranthene	12.47	202	1821470	52.19	ng	94
77) Pyrene	12.70	202	1827388	49.03	ng	99
79) Butylbenzylphthalate	13.31	149	893980	56.98	ng	91
80) Benzo(a)anthracene	13.89	228	1440238	47.59	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	271712	25.63	ng	# 96
82) Chrysene	13.92	228	1208415	43.16	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	1141543	52.20	ng	100
84) Di-n-octyl phthalate	14.48	149	2017412	55.35	ng	97
85) Indeno(1,2,3-cd)pyrene	16.67	276	996686	42.52	ng	# 94
87) Benzo(b)fluoranthene	14.94	252	2349320	107.06	ng	98
88) Benzo(k)fluoranthene	14.94	252	2349320	111.01	ng	98
89) Benzo(a)pyrene	15.25	252	1047095	52.21	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	836917	50.44	ng	96
91) Benzo(g,h,i)perylene	17.07	276	885071	51.97	ng	# 90

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

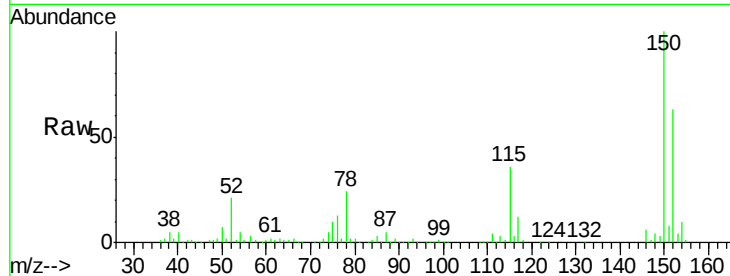


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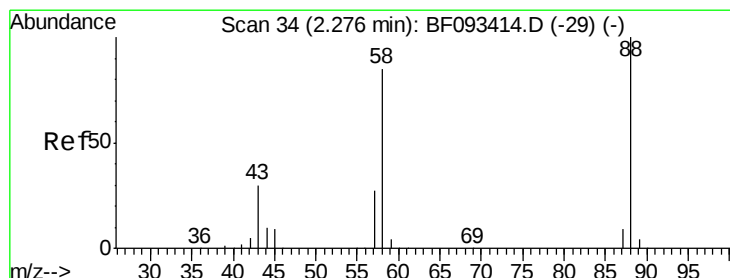
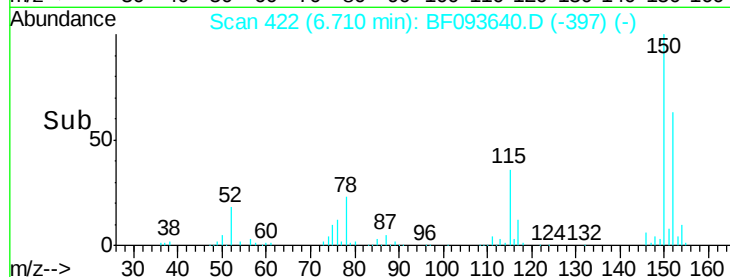
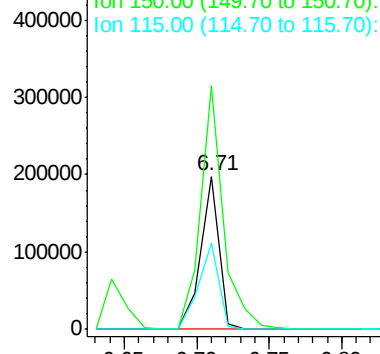
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Instrument :
BNA_F
ClientSampleId :
D-112MS

Tgt Ion:152 Resp: 174111
Ion Ratio Lower Upper
152 100
150 158.9 124.9 187.3
115 56.6 46.0 69.0



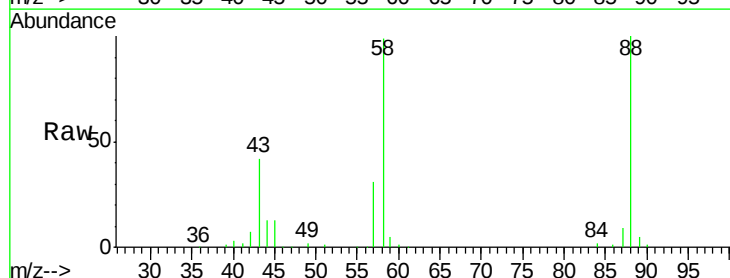
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



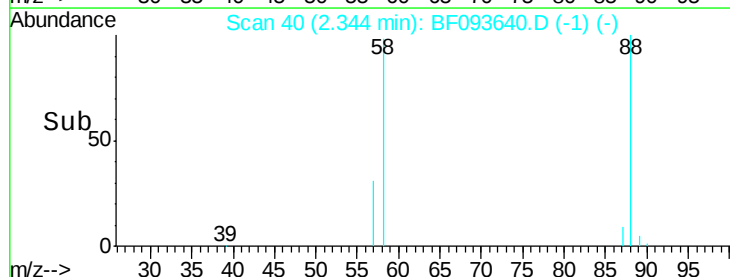
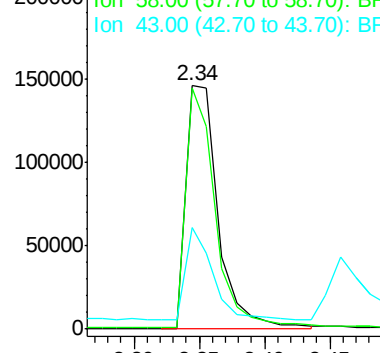
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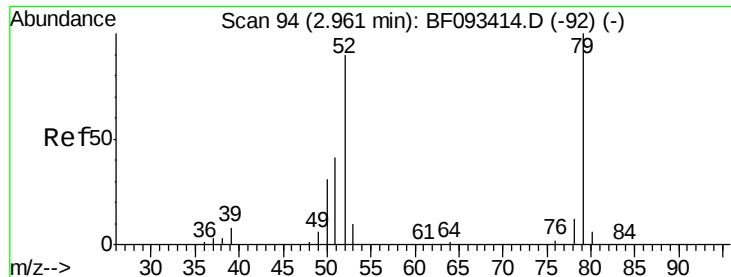
1,4-Dioxane
Concen: 44.05 ng
RT: 2.34 min Scan# 40
Delta R.T. 0.16 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion: 88 Resp: 253838
Ion Ratio Lower Upper
88 100
58 89.1 57.8 86.8#
43 31.4 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.46 ng

RT: 3.05 min Scan# 102

Delta R.T. 0.19 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

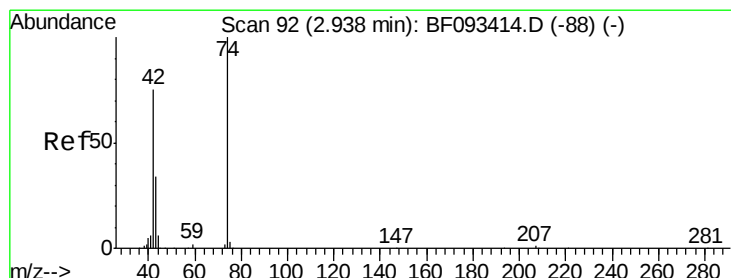
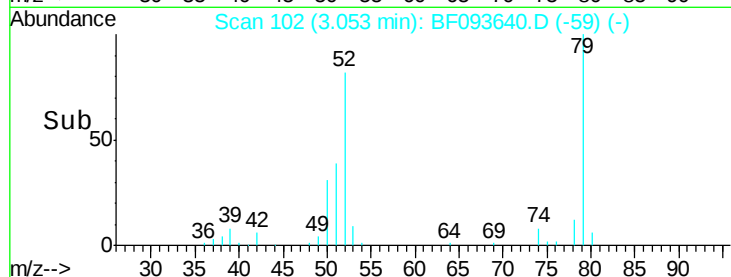
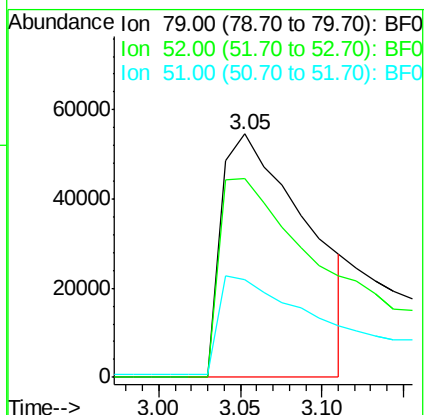
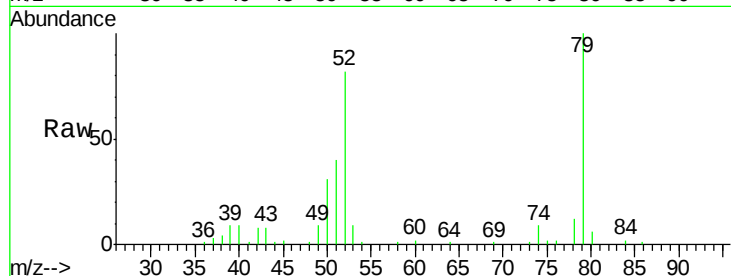
Tgt Ion: 79 Resp: 197776

Ion Ratio Lower Upper

79 100

52 81.6 57.1 85.7

51 40.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 52.25 ng

RT: 2.95 min Scan# 93

Delta R.T. 0.11 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

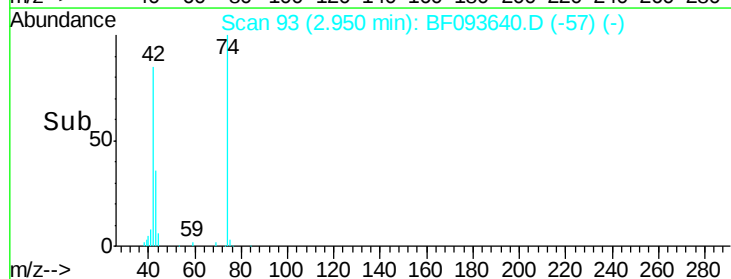
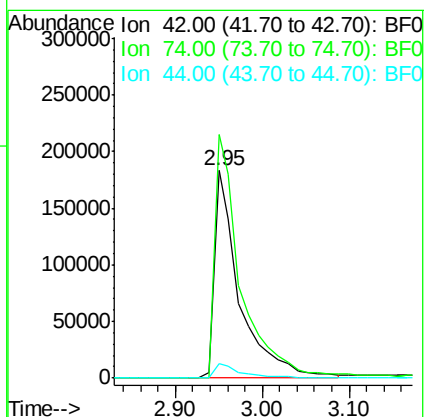
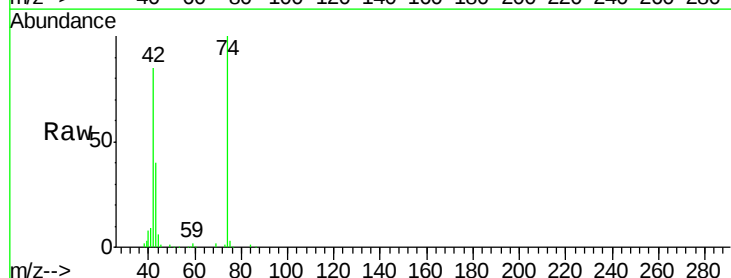
Tgt Ion: 42 Resp: 366614

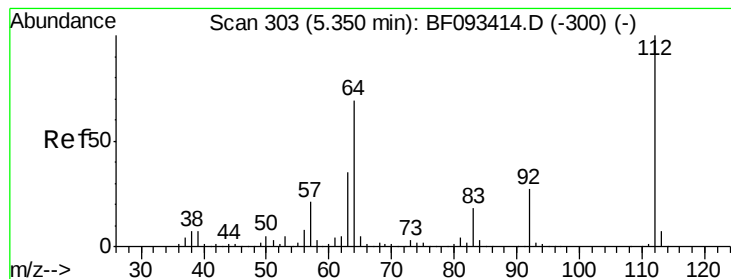
Ion Ratio Lower Upper

42 100

74 117.2 117.0 175.4

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 153.30 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

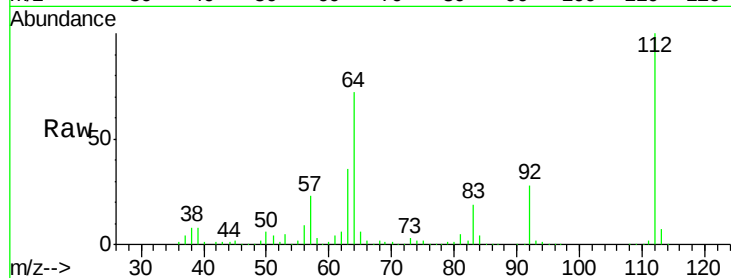
Tgt Ion: 112 Resp: 1603748

Ion Ratio Lower Upper

112 100

64 72.3 46.1 69.1#

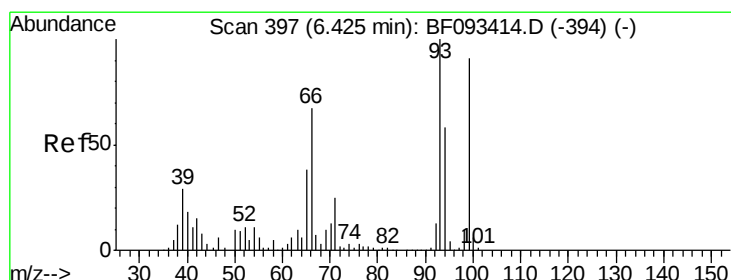
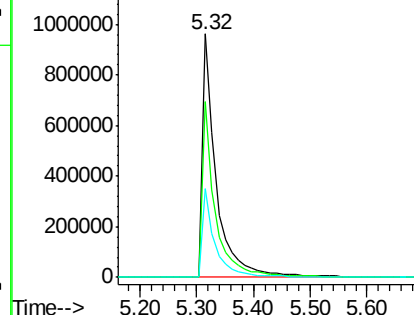
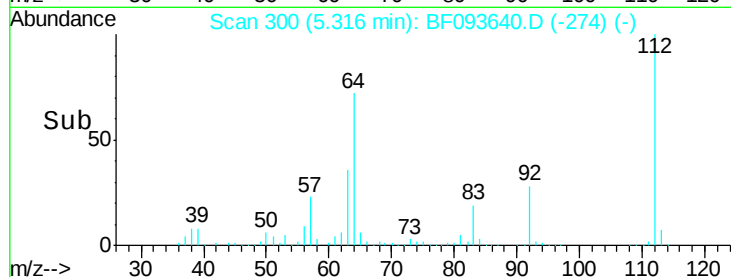
63 36.4 23.8 35.6#



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: 48.52 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.06 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

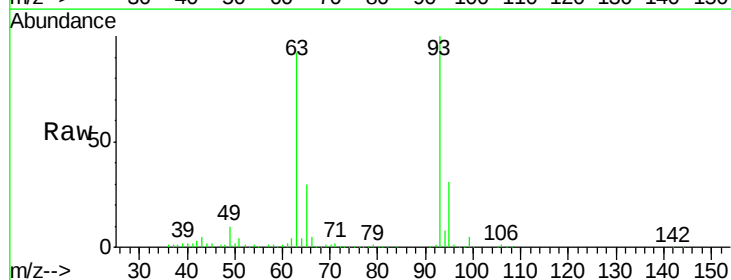
Tgt Ion: 93 Resp: 878551

Ion Ratio Lower Upper

93 100

66 5.2 76.2 114.2#

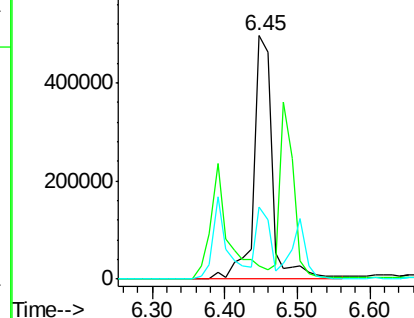
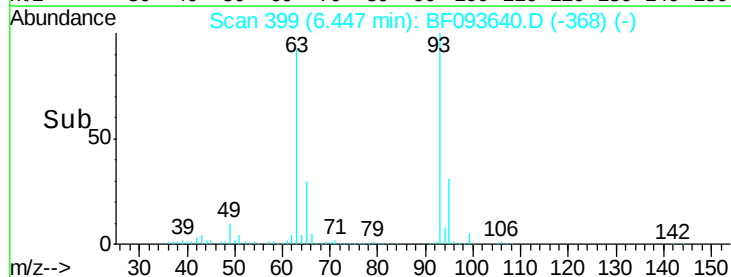
65 29.8 49.3 73.9#

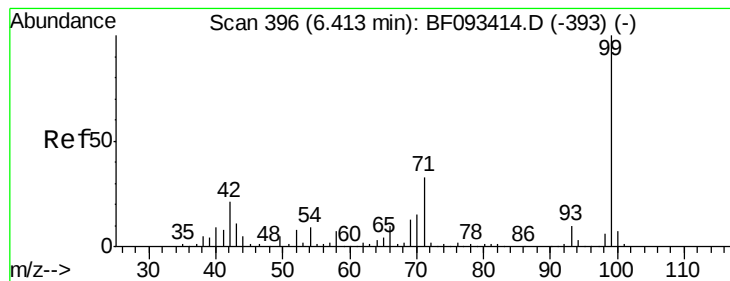


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.42 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

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D-112MS

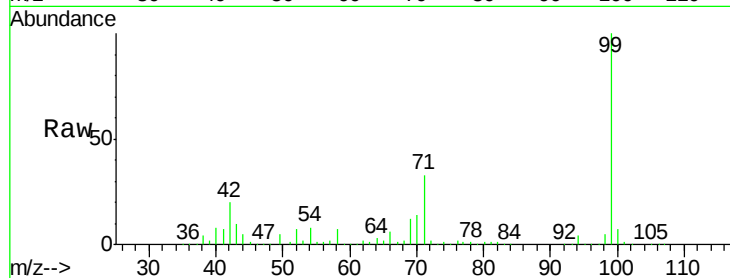
Tgt Ion: 99 Resp: 1905201

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

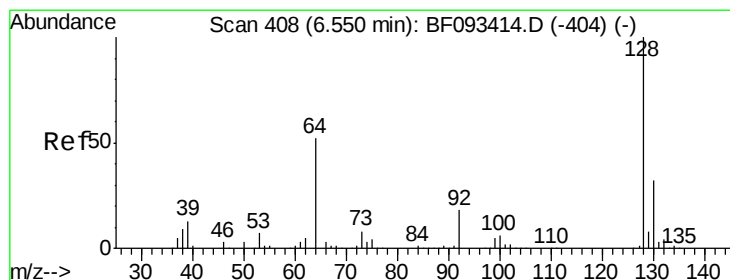
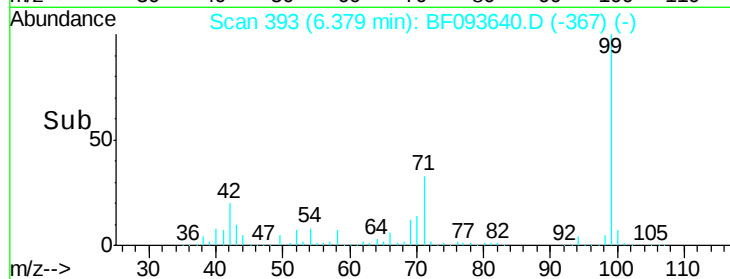
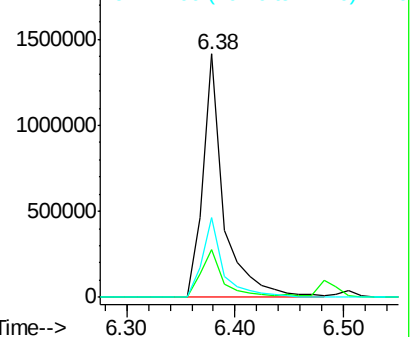
71 32.9 27.5 41.3



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: 49.10 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

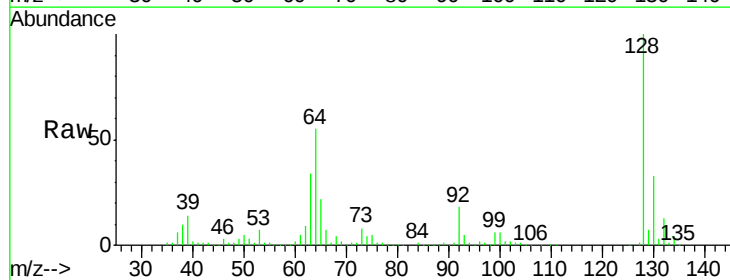
Tgt Ion: 128 Resp: 575507

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

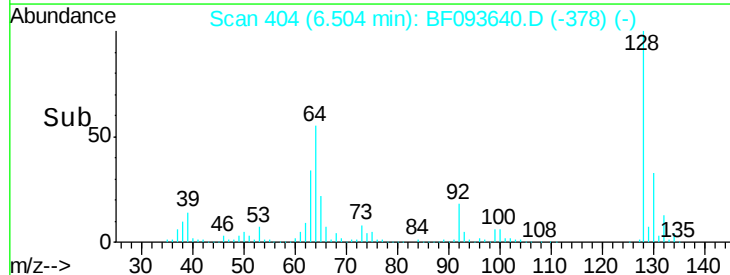
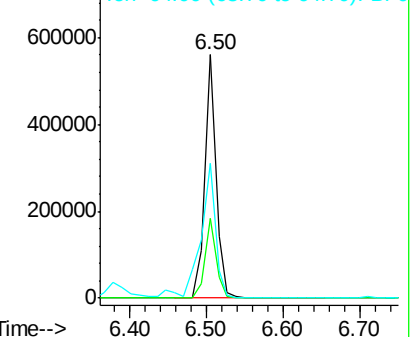
64 55.4 32.2 72.2

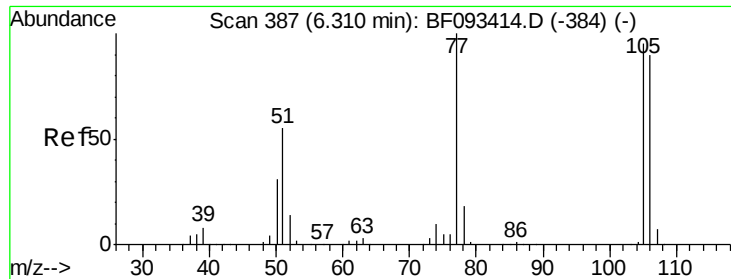


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 51.68 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

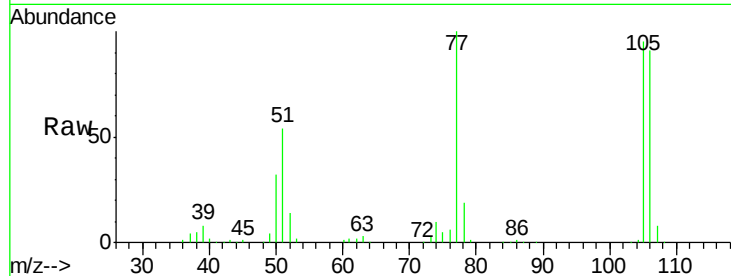
Tgt Ion: 77 Resp: 367365

Ion Ratio Lower Upper

77 100

105 94.6 83.9 123.9

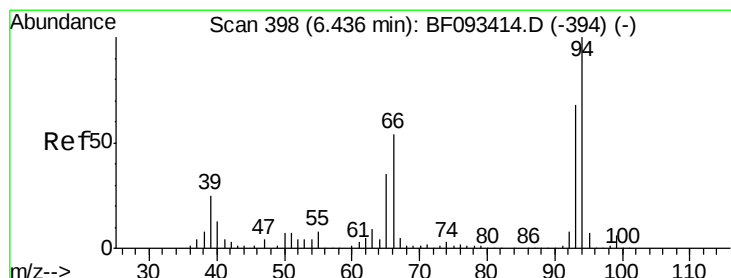
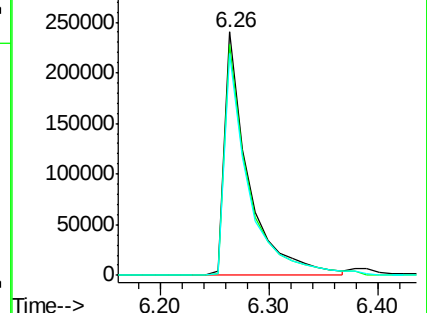
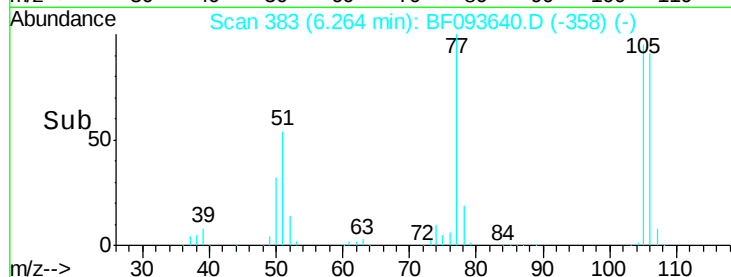
106 91.3 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.81 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

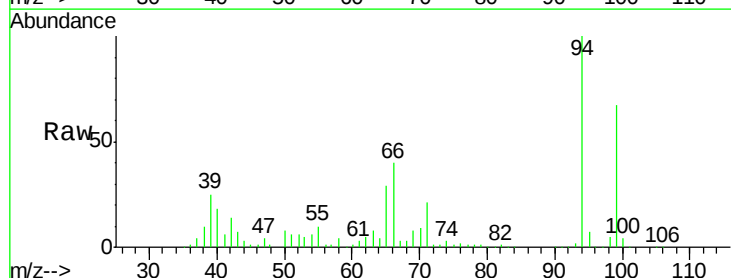
Tgt Ion: 94 Resp: 805240

Ion Ratio Lower Upper

94 100

65 28.8 21.4 61.4

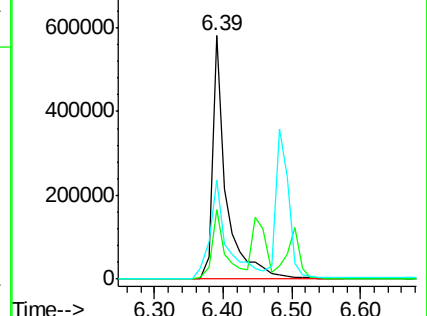
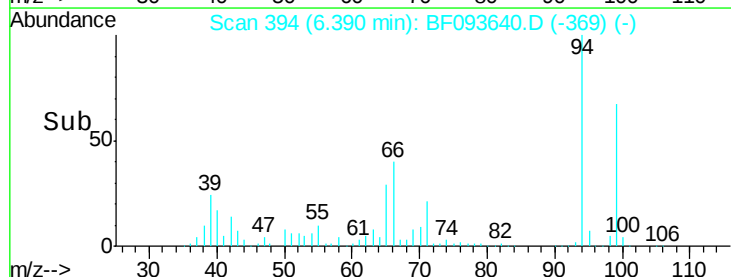
66 40.4 44.0 84.0#

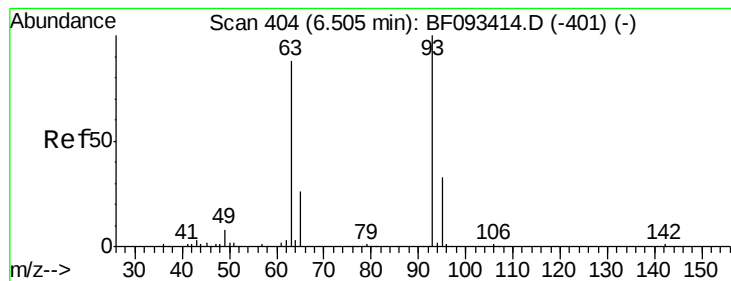


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 67.24 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

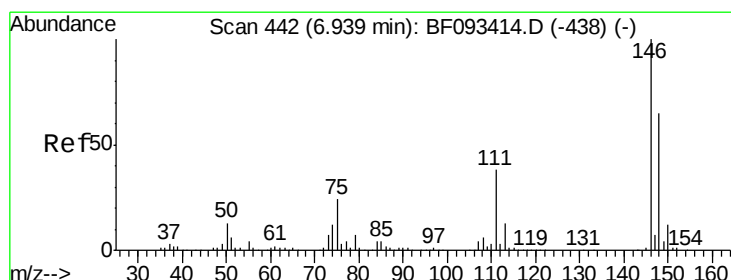
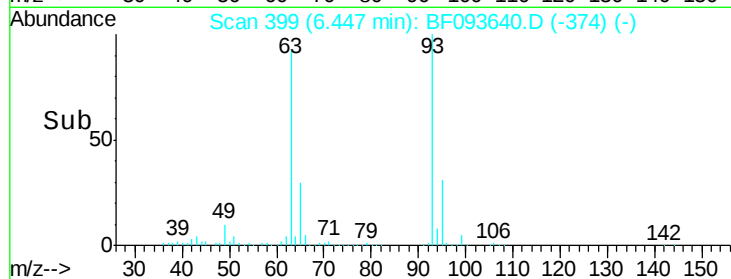
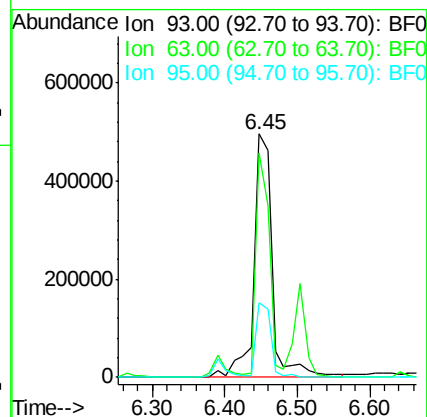
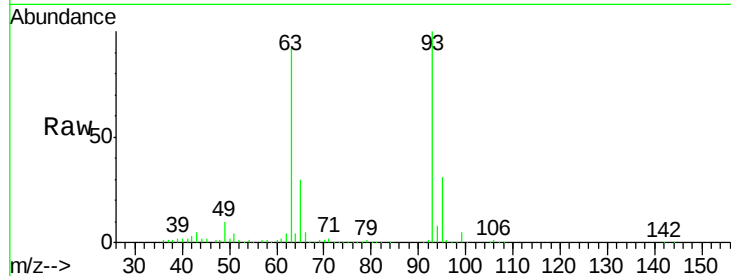
Tgt Ion: 93 Resp: 878551

Ion Ratio Lower Upper

93 100

63 92.3 60.4 100.4

95 30.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.27 ng

RT: 6.88 min Scan# 437

Delta R.T. 0.23 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

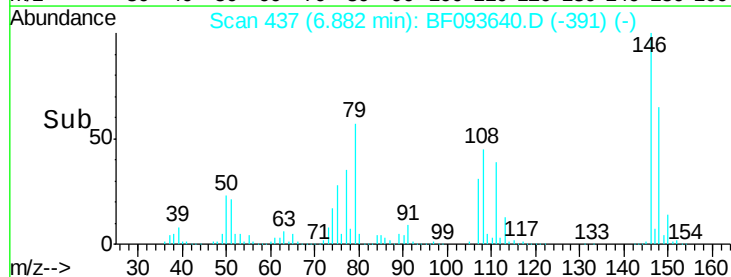
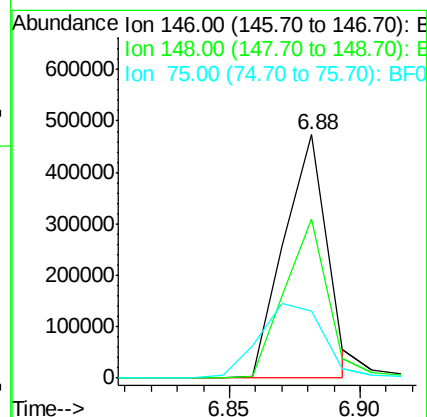
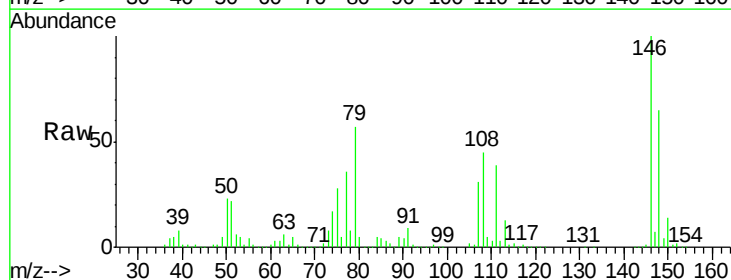
Tgt Ion: 146 Resp: 540225

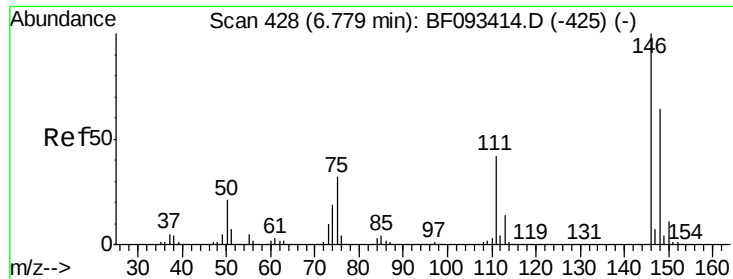
Ion Ratio Lower Upper

146 100

148 65.1 53.4 80.0

75 27.6 18.5 27.7

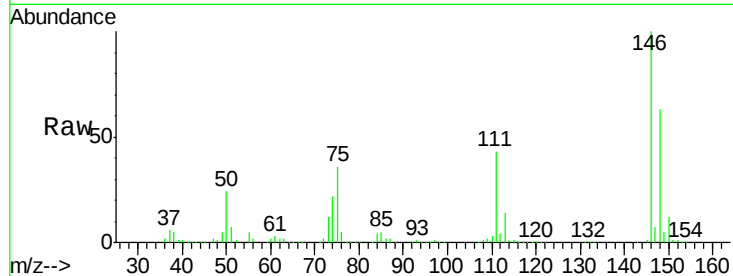




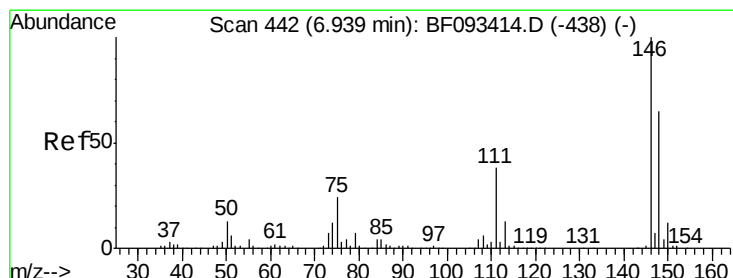
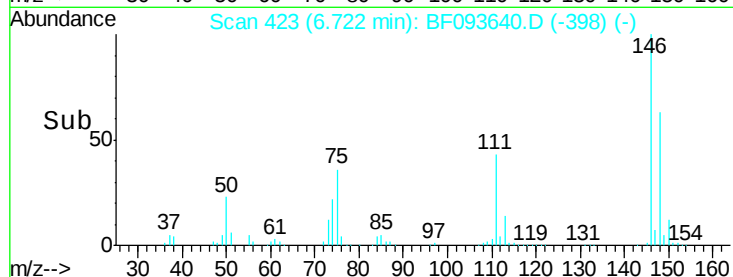
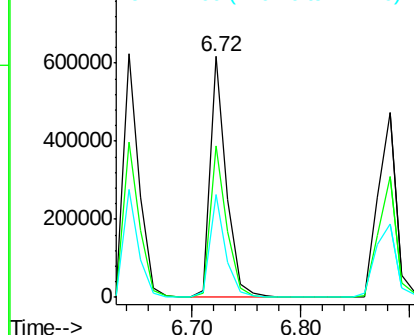
#13
 1,4-Dichlorobenzene
 Concen: 46.90 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Instrument :
 BNA_F
 ClientSampleId :
 D-112MS

Tgt Ion:146 Resp: 644159
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 76.0
 111 42.9 36.2 54.4

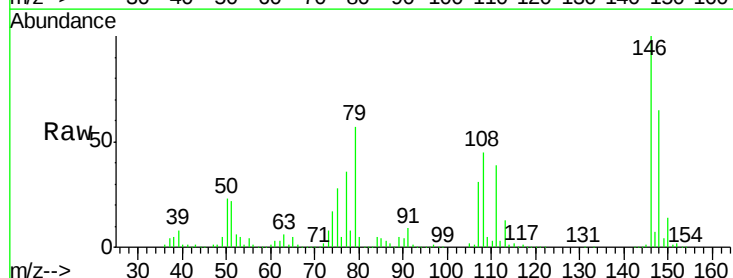


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

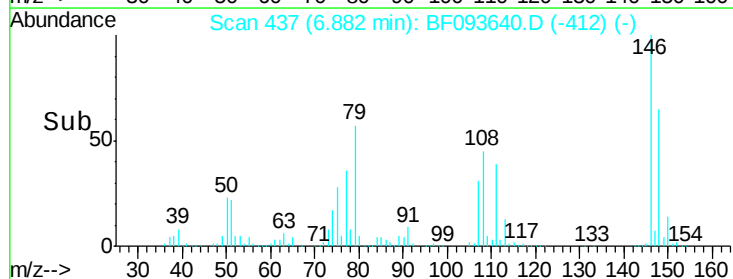
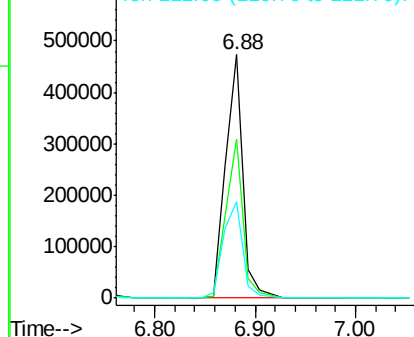


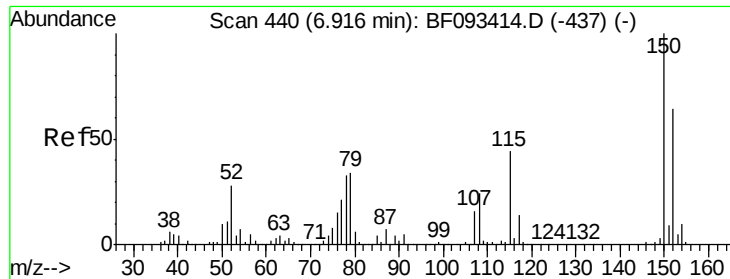
#14
 1,2-Dichlorobenzene
 Concen: 46.09 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Tgt Ion:146 Resp: 560581
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.2
 111 39.4 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

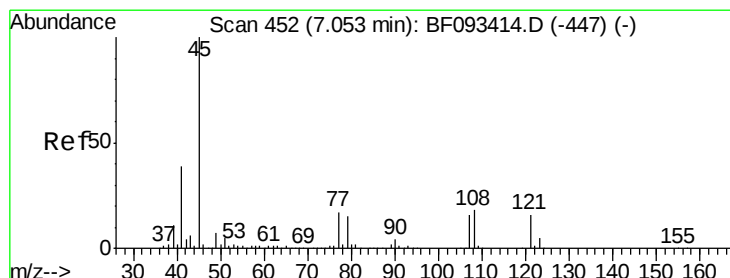
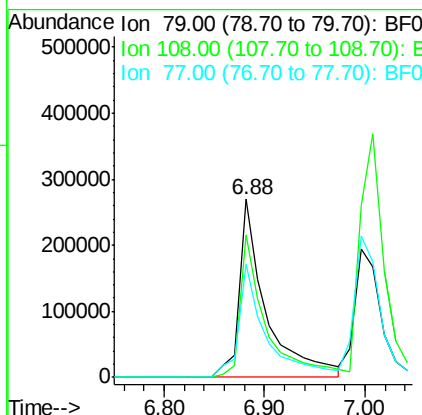
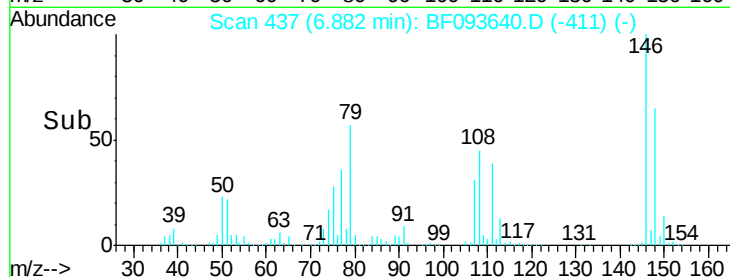
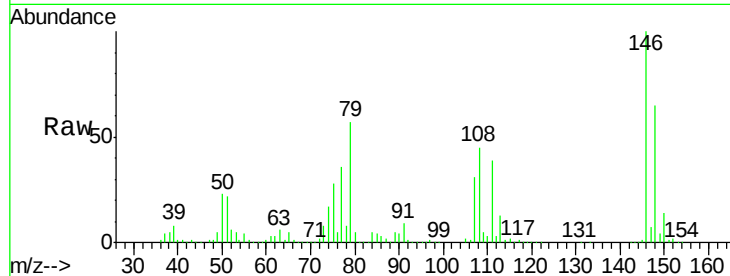




#15
Benzyl Alcohol
Concen: 53.13 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

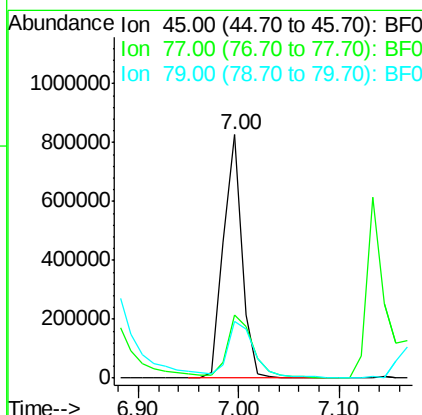
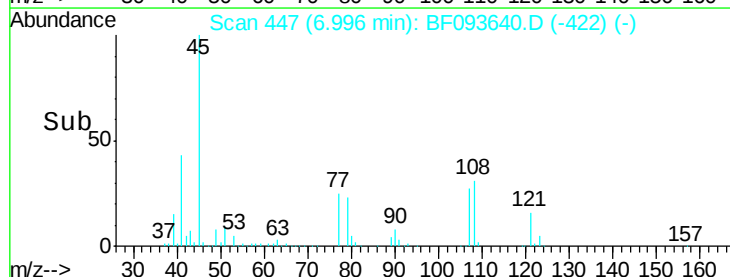
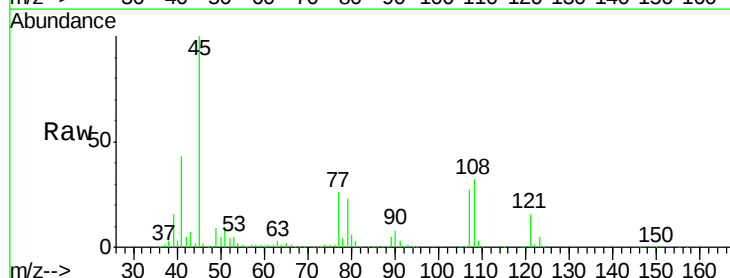
Instrument :
BNA_F
ClientSampled :
D-112MS

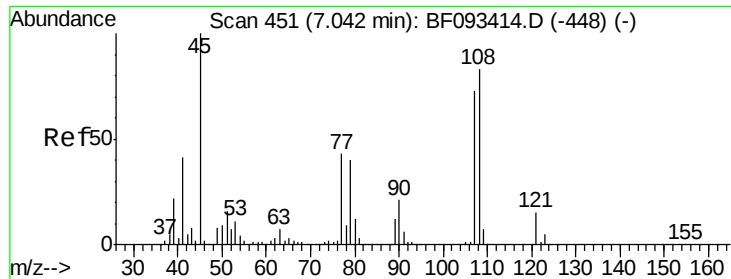
Tgt Ion: 79 Resp: 499654
Ion Ratio Lower Upper
79 100
108 79.8 61.4 92.0
77 63.8 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.62 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion: 45 Resp: 1055334
Ion Ratio Lower Upper
45 100
77 25.9 0.0 34.6
79 23.4 0.0 31.2

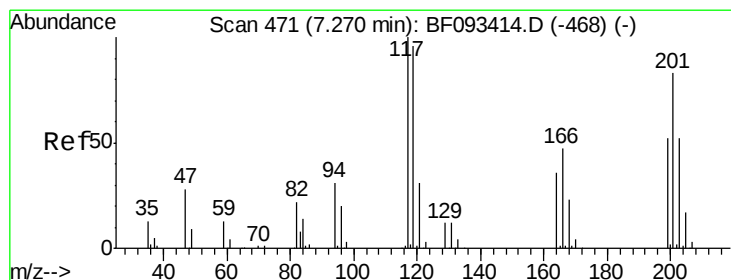
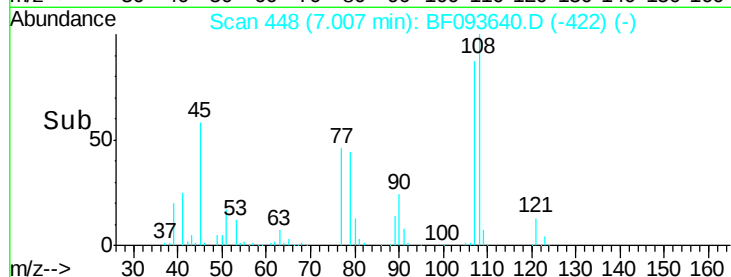
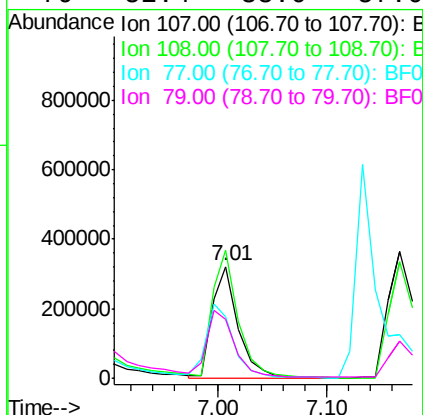
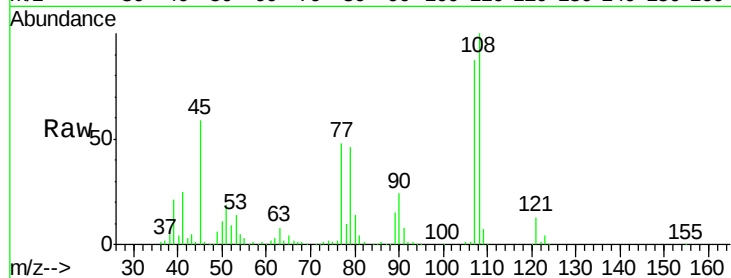




#17
2-Methylphenol
Concen: 53.02 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

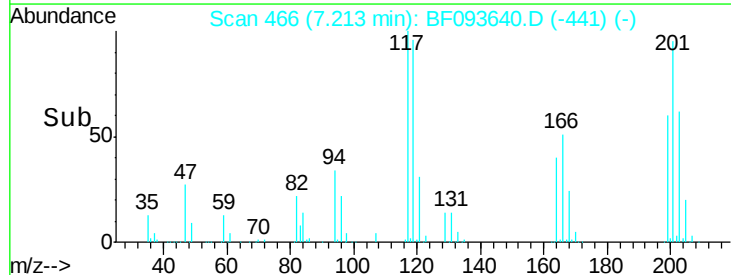
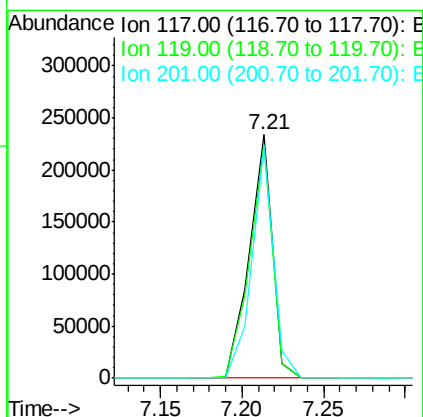
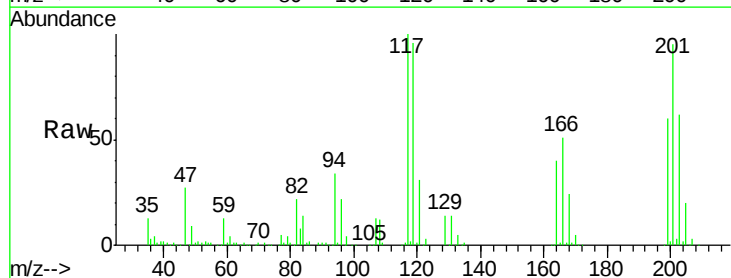
Instrument :
BNA_F
ClientSampleId :
D-112MS

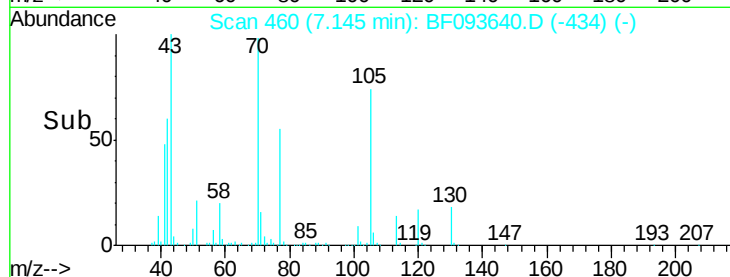
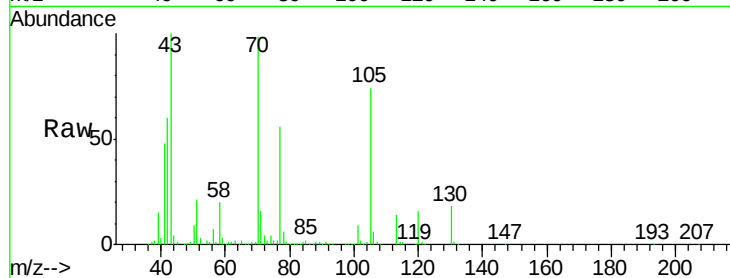
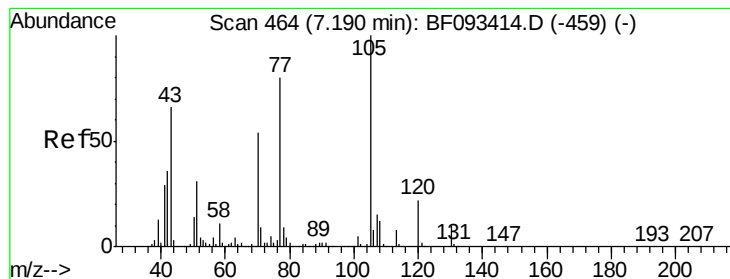
Tgt Ion:	107	Resp:	525680
Ion	Ratio	Lower	Upper
107	100		
108	114.9	93.0	139.6
77	54.8	39.8	59.8
79	52.4	38.0	57.0



#18
Hexachloroethane
Concen: 49.55 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion:	117	Resp:	229525
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.1	117.1
201	95.5	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 58.86 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

Tgt Ion: 70 Resp: 533819

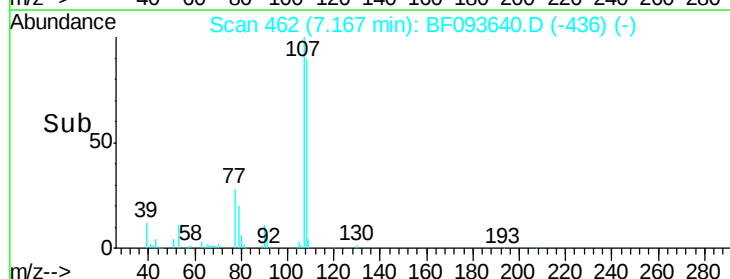
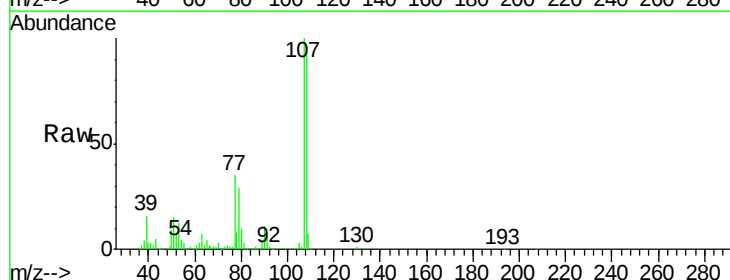
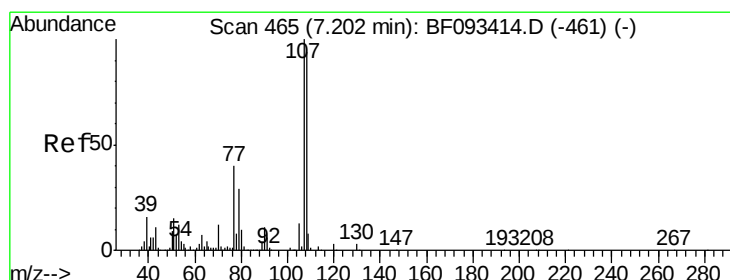
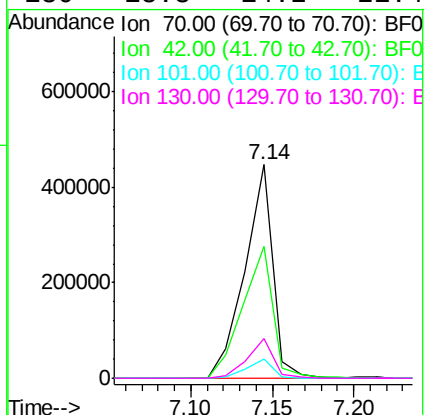
Ion Ratio Lower Upper

70 100

42 62.0 49.4 74.0

101 8.9 7.4 11.2

130 18.3 14.2 21.4



#20

3+4-Methylphenols

Concen: 57.23 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Tgt Ion: 107 Resp: 735829

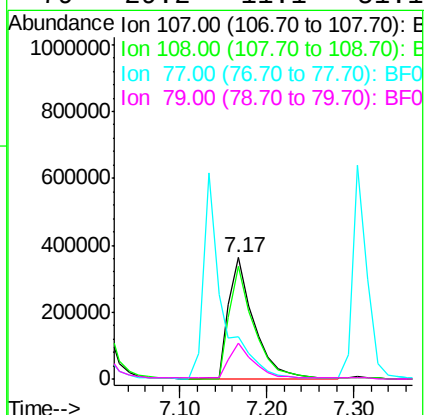
Ion Ratio Lower Upper

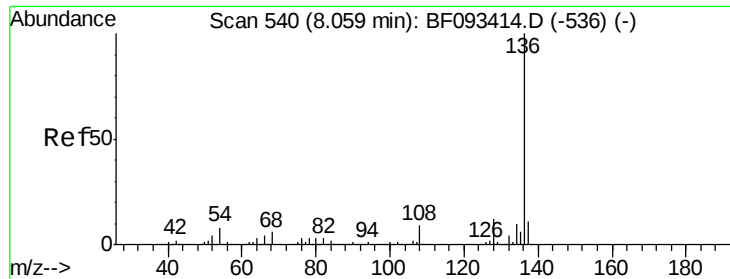
107 100

108 92.5 73.0 113.0

77 34.6 71.3 111.3#

79 29.2 11.1 51.1

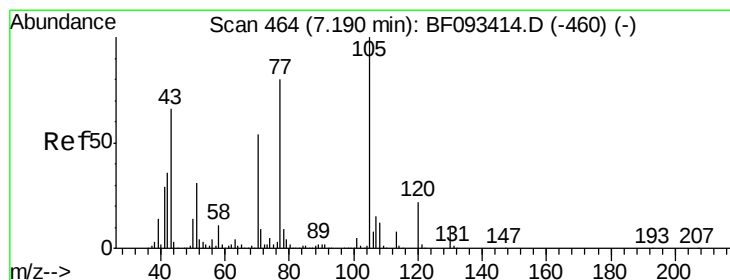
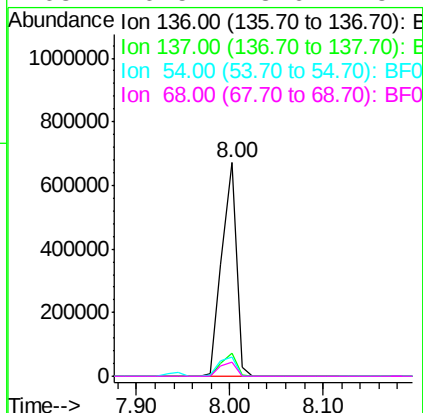
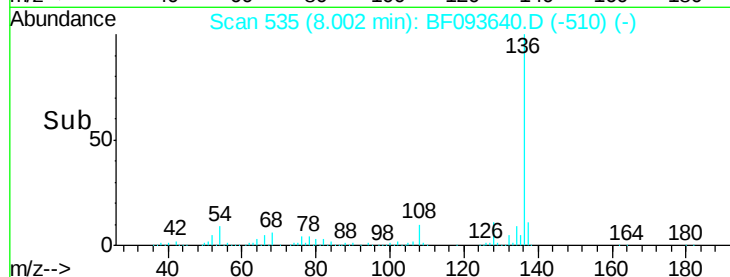
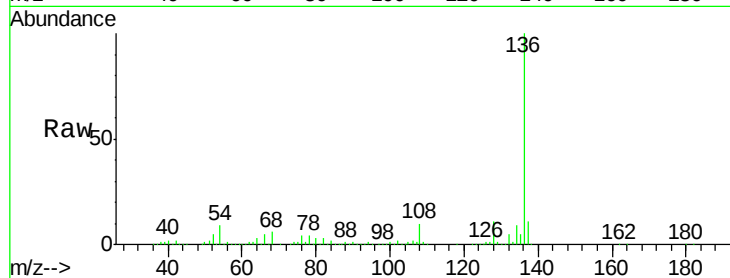




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

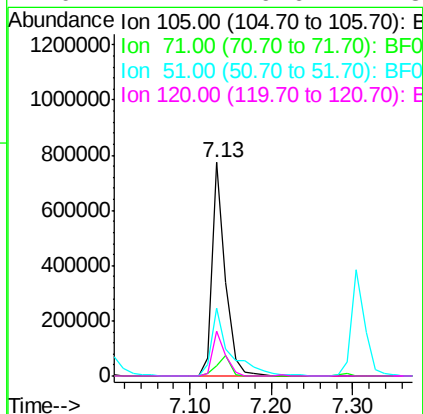
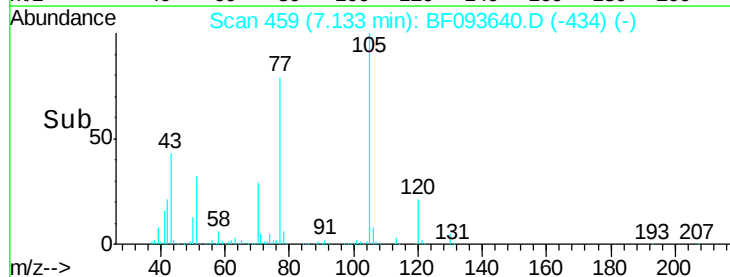
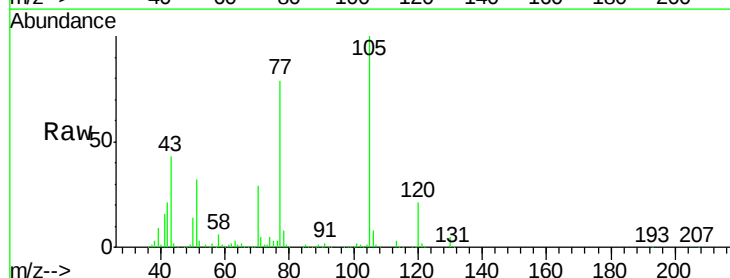
Instrument :
BNA_F
ClientSampleId :
D-112MS

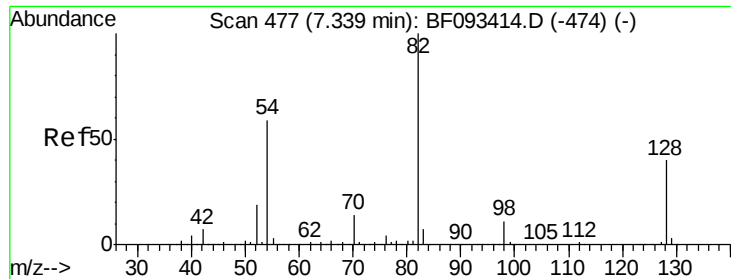
Tgt Ion:	136	Resp:	728994
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	8.9	4.5	6.7#
68	6.5	3.6	5.4#



#22
Acetophenone
Concen: 49.76 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion:	105	Resp:	872843
Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.2	4.8#
51	31.7	26.2	39.4
120	21.1	16.6	24.8

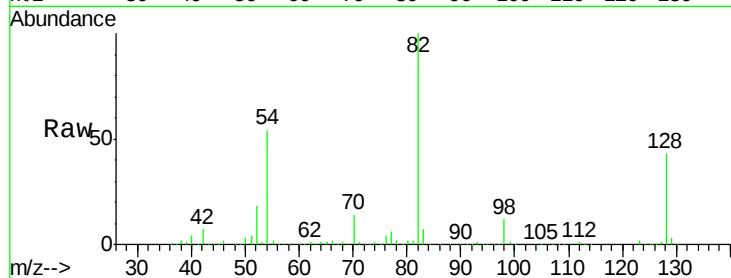




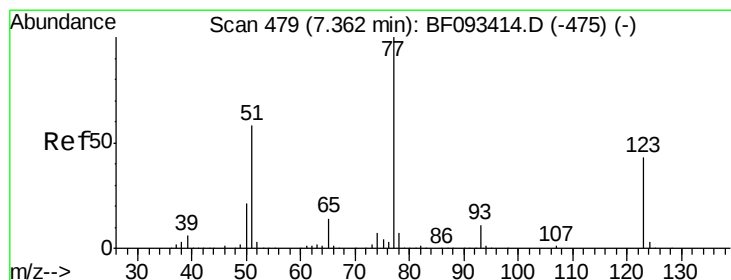
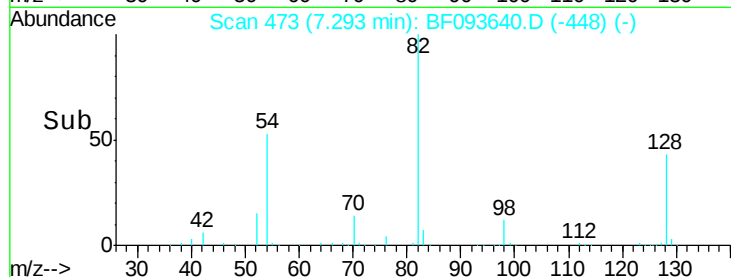
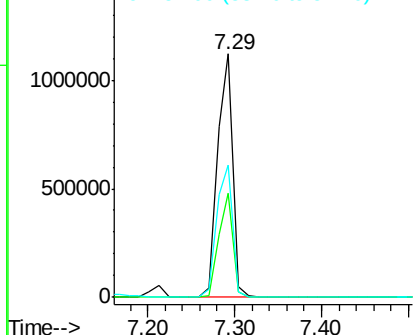
#23
 Nitrobenzene-d5
 Concen: 105.68 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Instrument :
 BNA_F
 ClientSampleId :
 D-112MS

Tgt Ion: 82 Resp: 1388500
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.6 52.0
 54 54.3 39.5 59.3

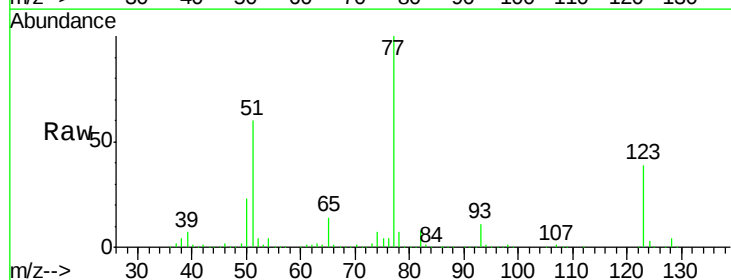


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

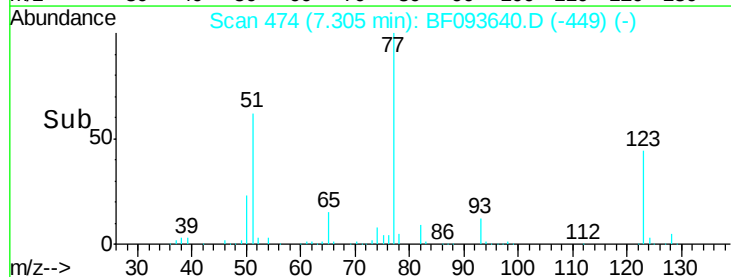
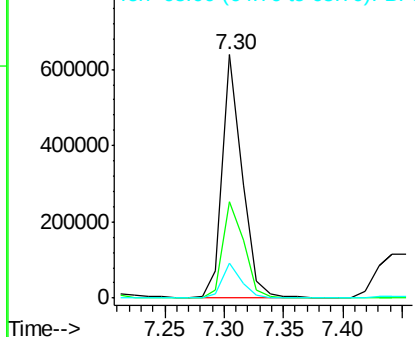


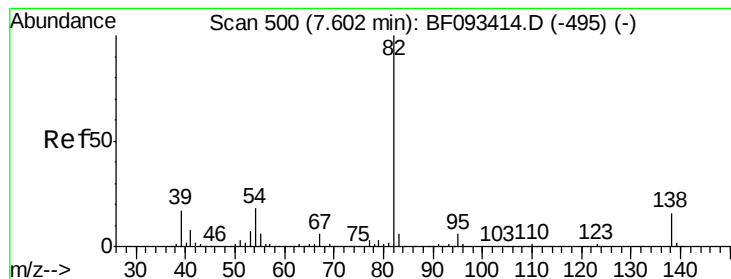
#24
 Nitrobenzene
 Concen: 49.22 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Tgt Ion: 77 Resp: 726836
 Ion Ratio Lower Upper
 77 100
 123 39.4 33.0 49.4
 65 14.3 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.70 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

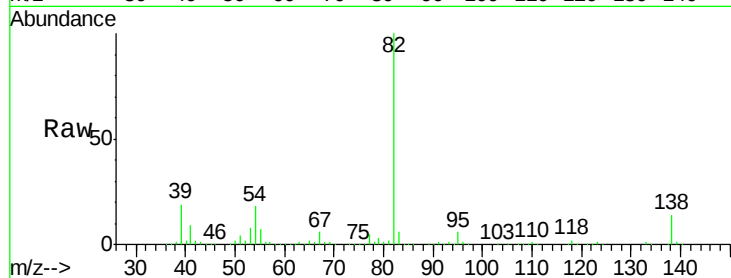
Tgt Ion: 82 Resp: 1343256

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

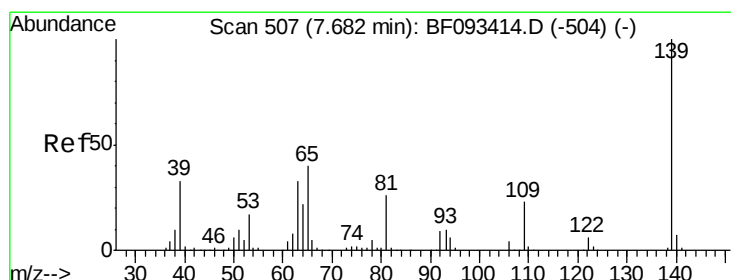
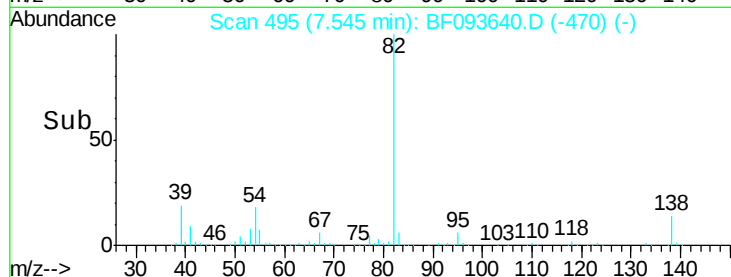
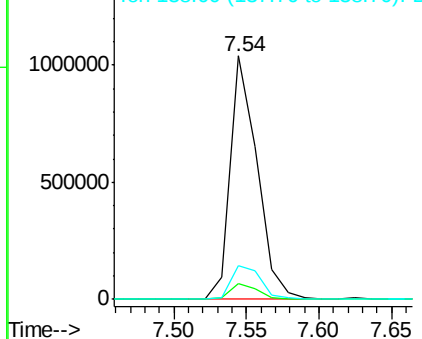
138 14.1 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 51.15 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

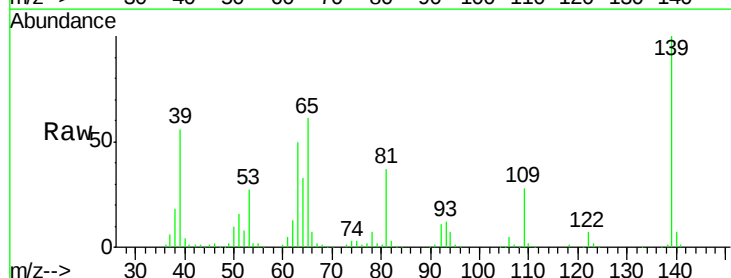
Tgt Ion: 139 Resp: 344590

Ion Ratio Lower Upper

139 100

109 28.2 23.3 34.9

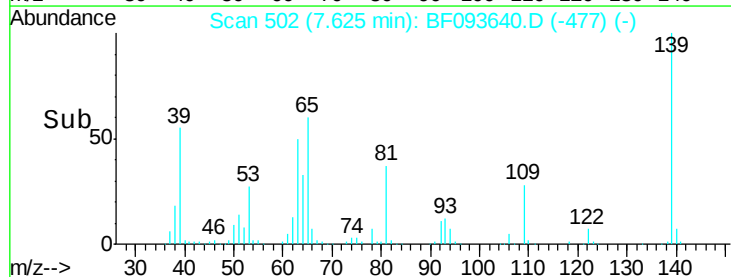
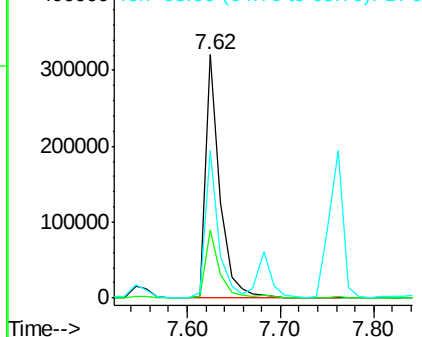
65 60.5 42.7 64.1

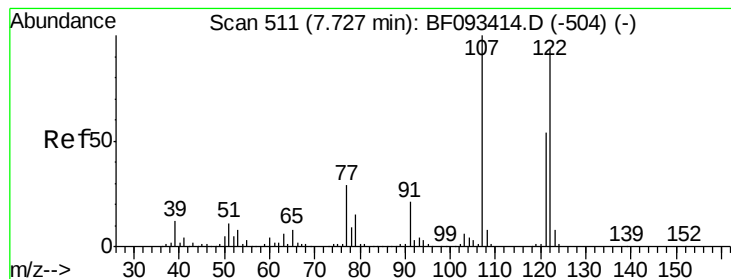


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 50.67 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

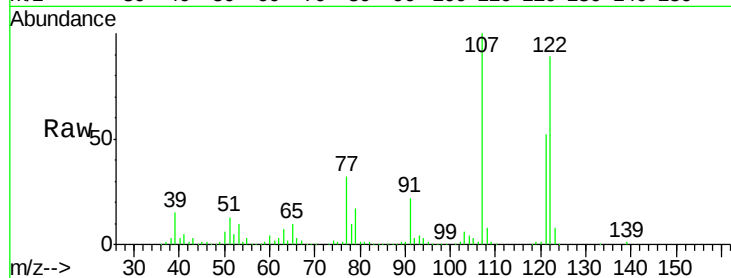
Tgt Ion:122 Resp: 555327

Ion Ratio Lower Upper

122 100

107 112.8 94.1 141.1

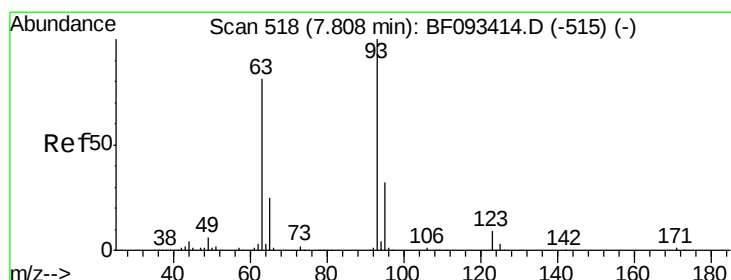
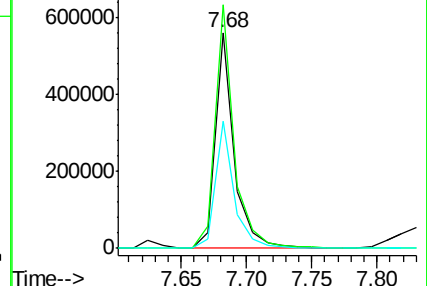
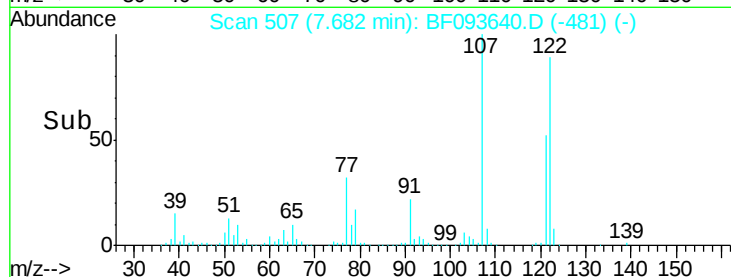
121 58.8 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.71 ng

RT: 7.76 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

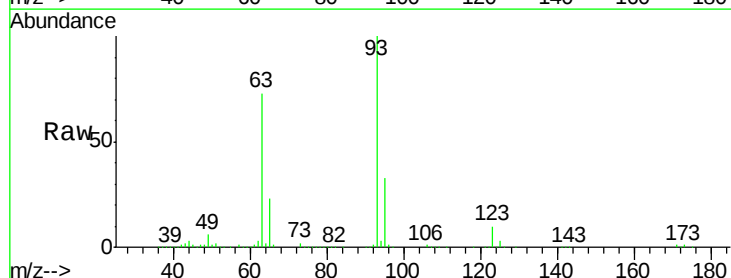
Tgt Ion: 93 Resp: 881606

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

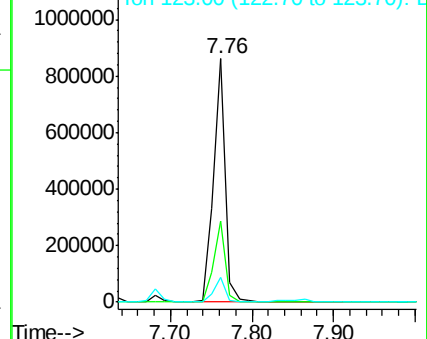
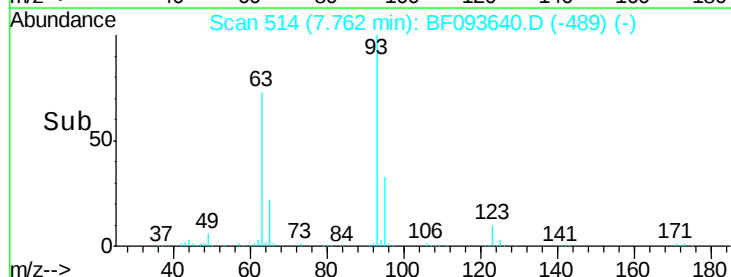
123 10.4 8.6 13.0

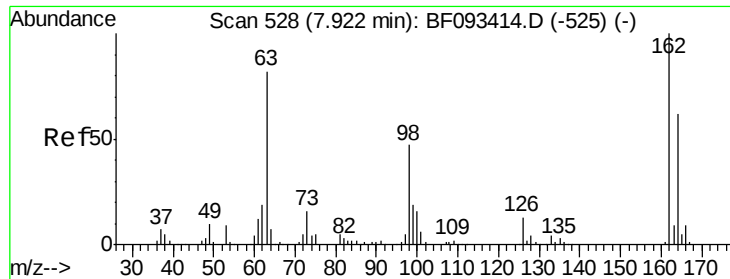


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

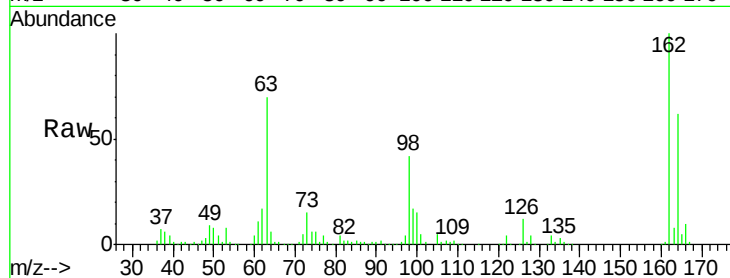




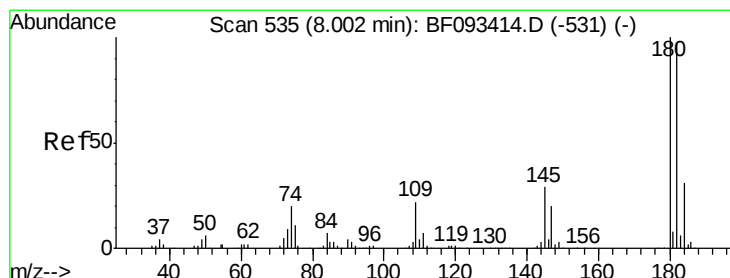
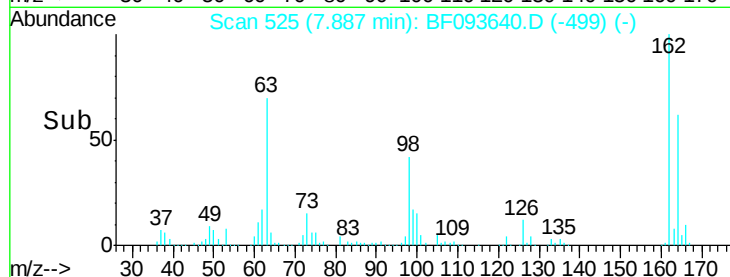
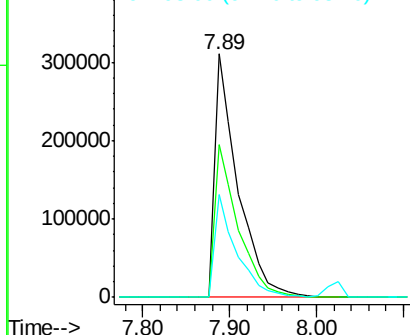
#29
 2,4-Dichlorophenol
 Concen: 56.24 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Instrument :
 BNA_F
 ClientSampleId :
 D-112MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	46.8	86.8
98	42.1	9.1	49.1

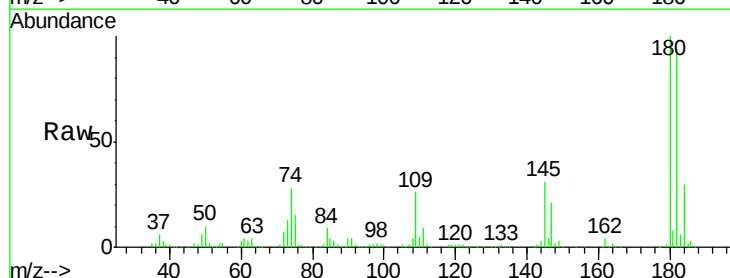


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

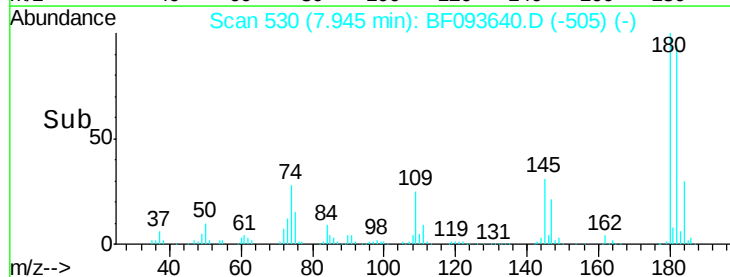
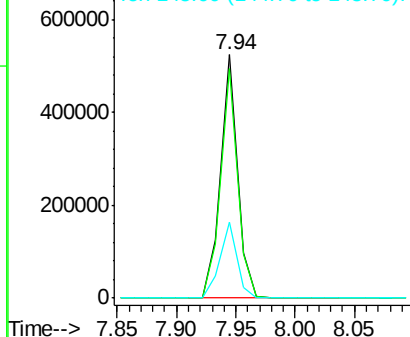


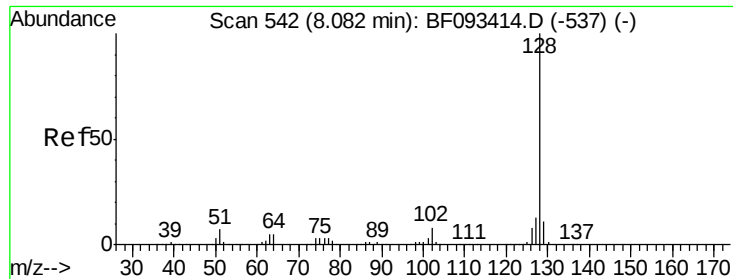
#30
 1,2,4-Trichlorobenzene
 Concen: 47.05 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.2	117.4
145	31.2	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

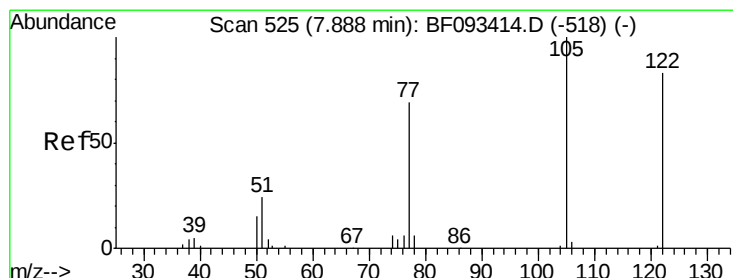
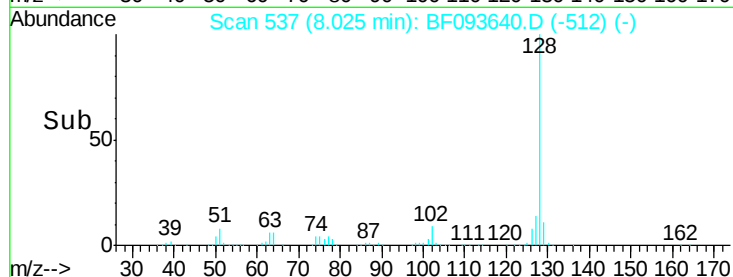
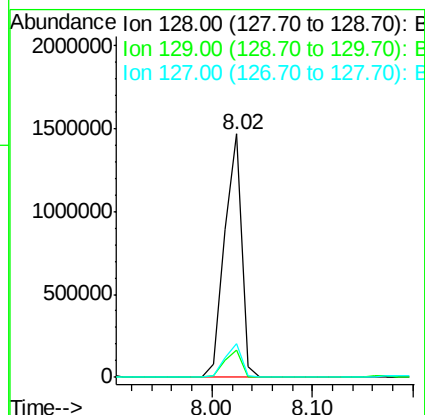
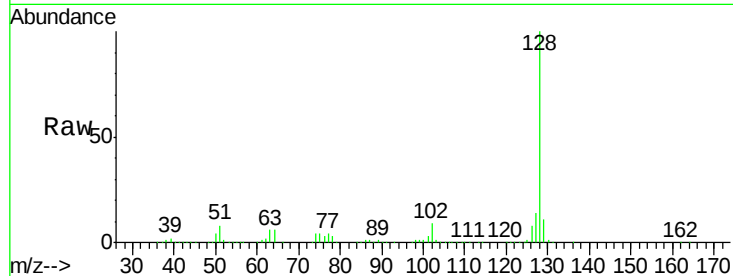




#31
Naphthalene
Concen: 47.28 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

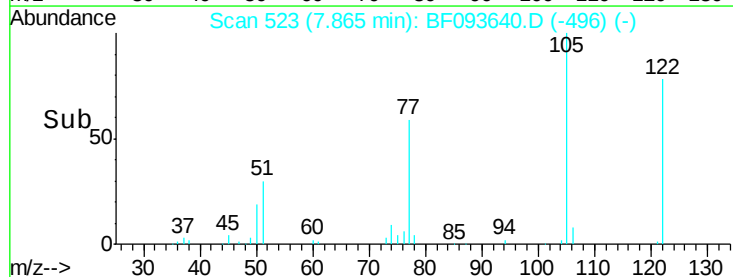
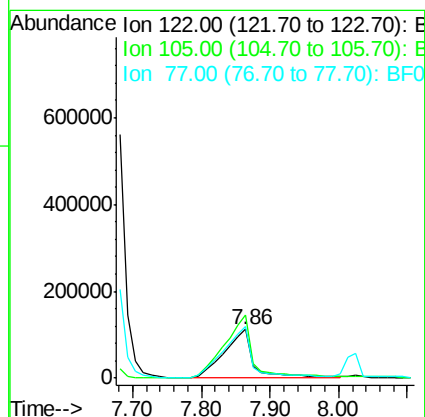
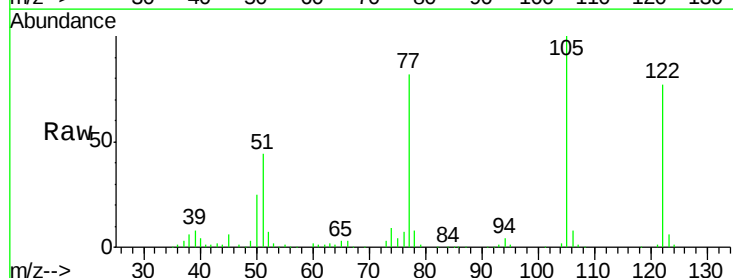
Instrument :
BNA_F
ClientSampleId :
D-112MS

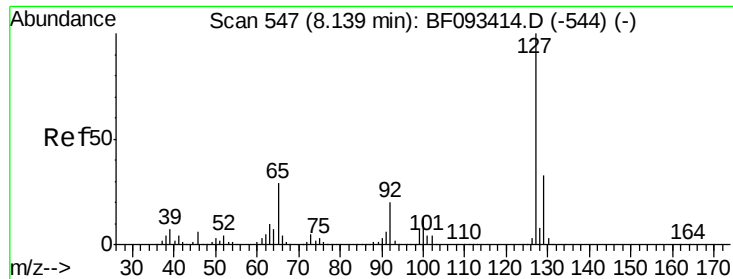
Tgt Ion:128 Resp: 1727145
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 58.52 ng
RT: 7.86 min Scan# 523
Delta R.T. 0.01 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion:122 Resp: 333287
Ion Ratio Lower Upper
122 100
105 129.7 107.2 147.2
77 106.2 74.5 114.5

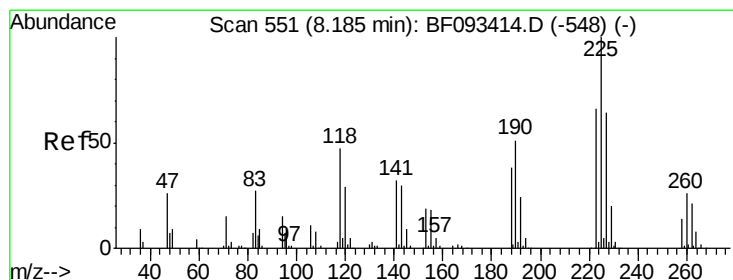
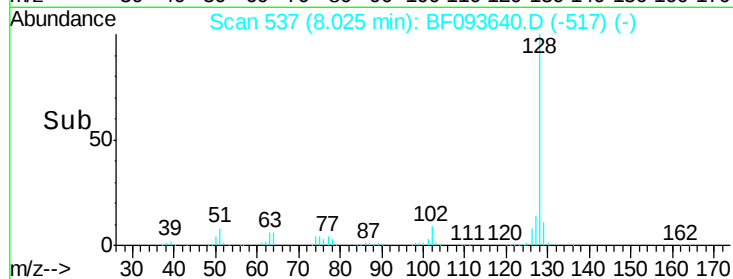
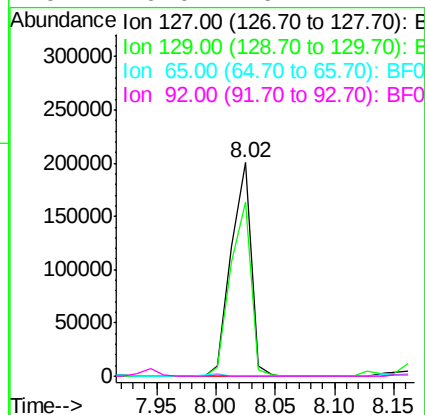
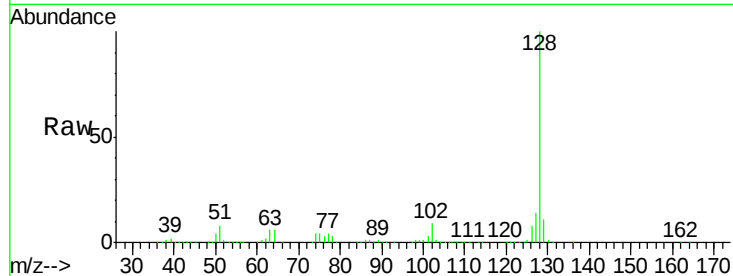




#33
4-Chloroaniline
Concen: 15.81 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.07 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

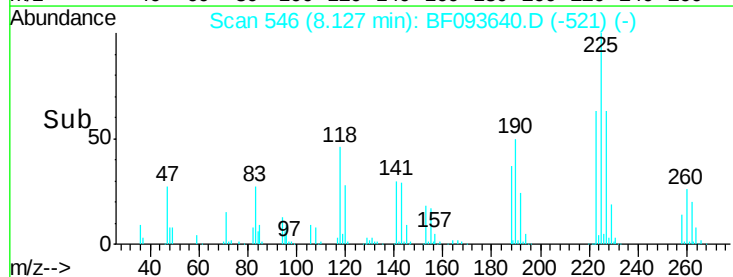
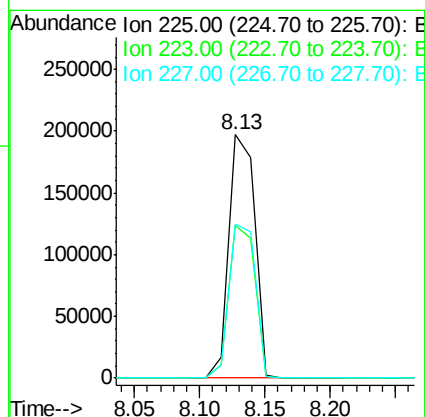
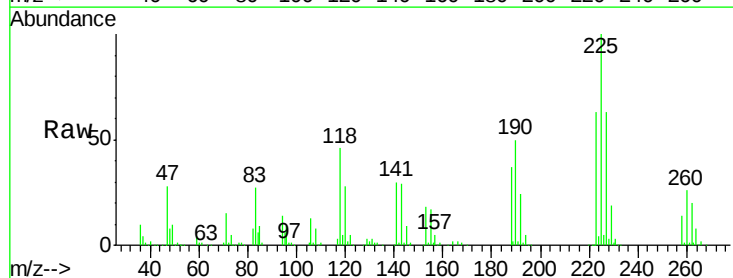
Instrument :
BNA_F
ClientSampleId :
D-112MS

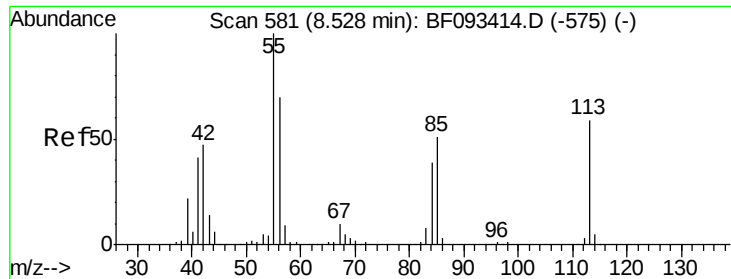
Tgt Ion:	127	Resp:	234400
Ion Ratio	Lower	Upper	
127	100		
129	81.4	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#



#34
Hexachlorobutadiene
Concen: 48.25 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion:	225	Resp:	272542
Ion Ratio	Lower	Upper	
225	100		
223	62.8	51.0	76.6
227	63.4	50.6	76.0

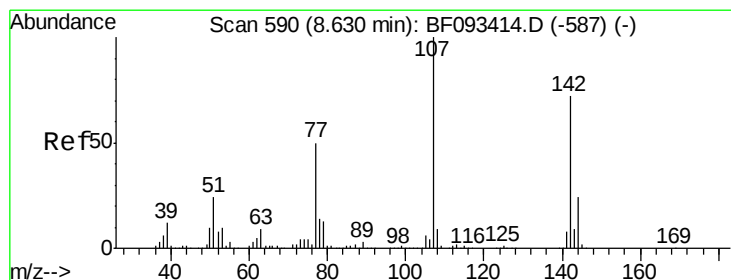
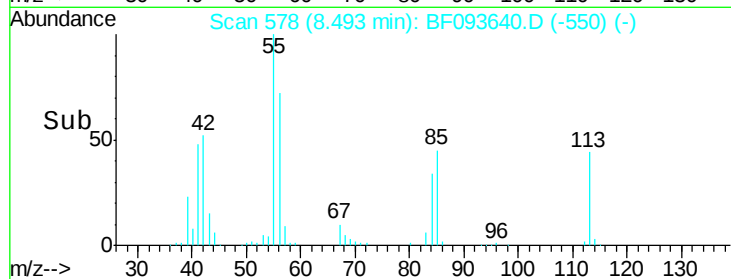
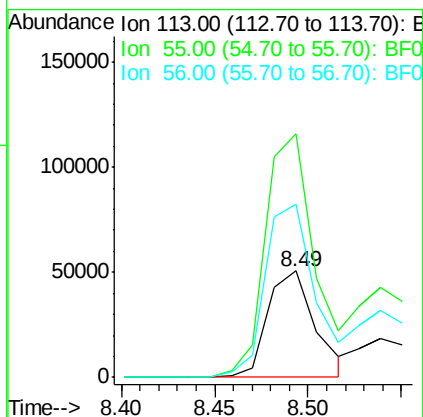
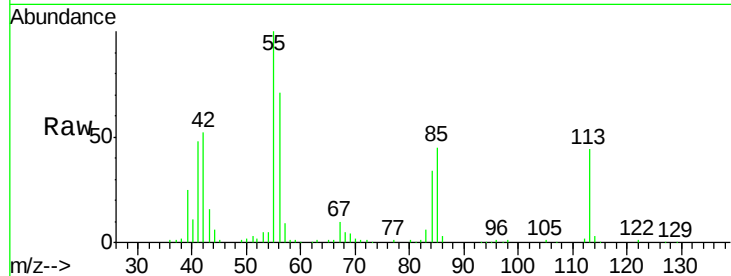




#35
 Caprolactam
 Concen: 25.37 ng
 RT: 8.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

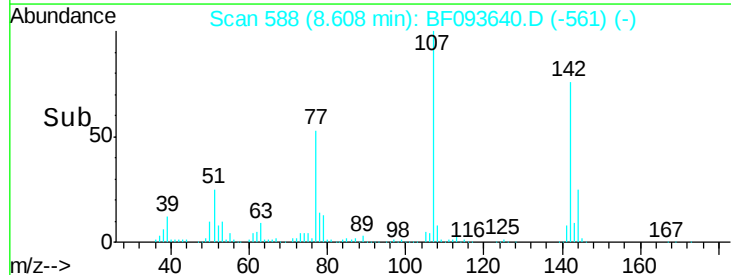
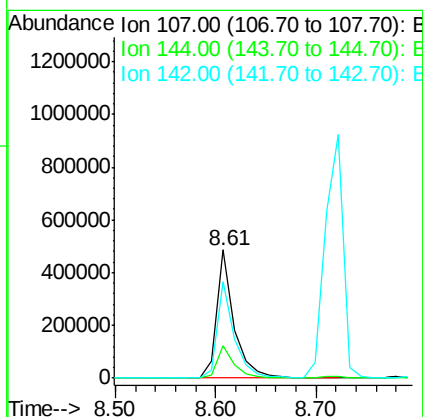
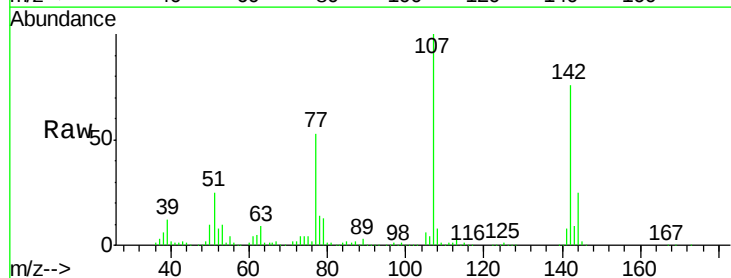
Instrument :
 BNA_F
 ClientSampleId :
 D-112MS

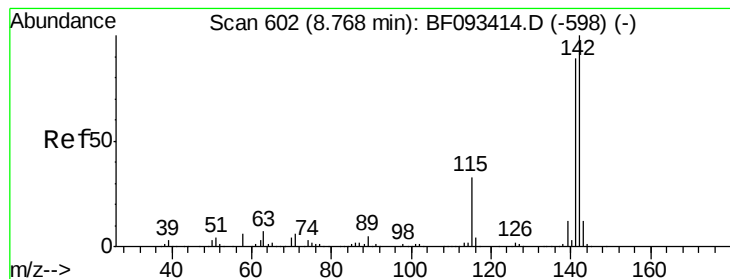
Tgt Ion:113 Resp: 89337
 Ion Ratio Lower Upper
 113 100
 55 229.3 119.2 159.2#
 56 163.6 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 52.78 ng
 RT: 8.61 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Tgt Ion:107 Resp: 580897
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.3 28.9
 142 75.8 59.0 88.6





#37

2-Methylnaphthalene

Concen: 49.31 ng

RT: 8.72 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

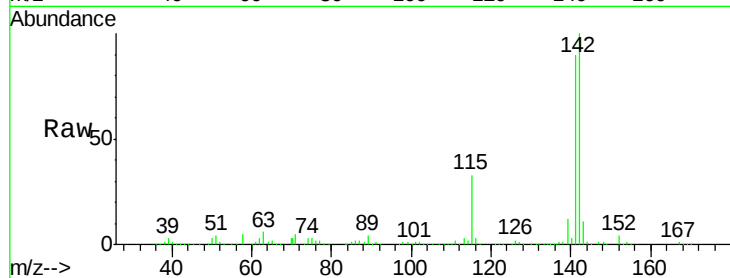
Tgt Ion:142 Resp: 1146124

Ion Ratio Lower Upper

142 100

141 90.0 71.0 106.6

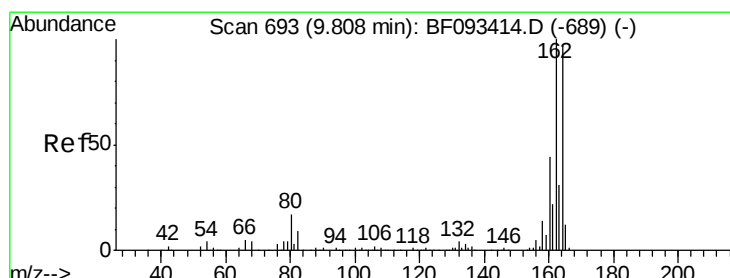
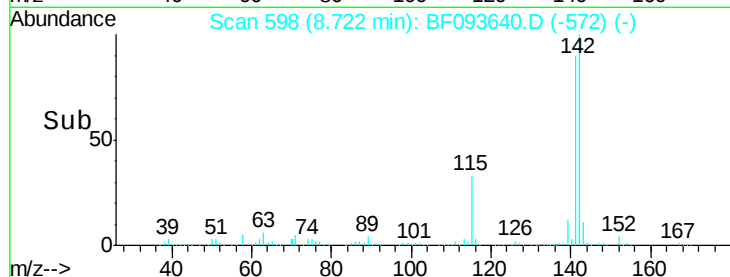
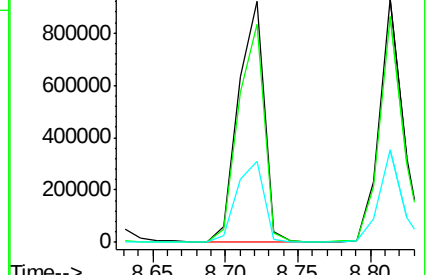
115 33.3 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

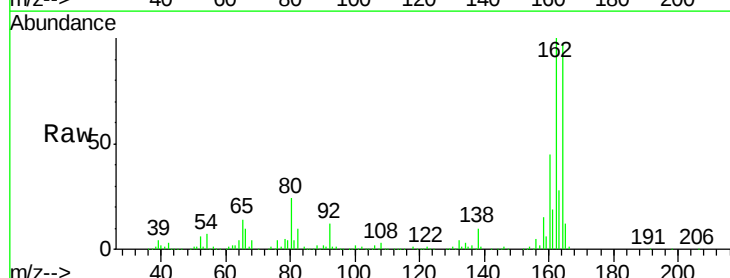
Tgt Ion:164 Resp: 353530

Ion Ratio Lower Upper

164 100

162 103.1 80.2 120.2

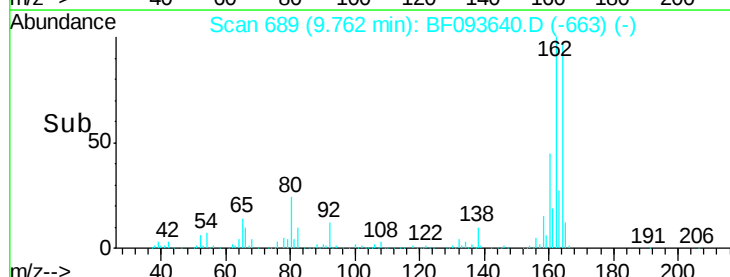
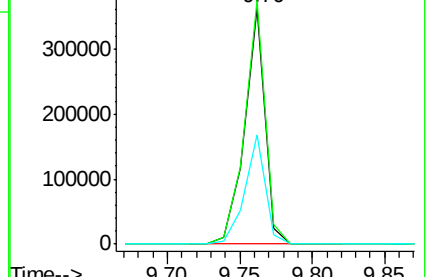
160 46.1 36.9 55.3

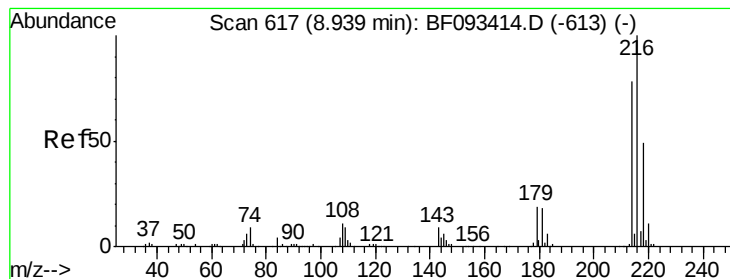


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.84 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampled :

D-112MS

Tgt Ion:216 Resp: 500403

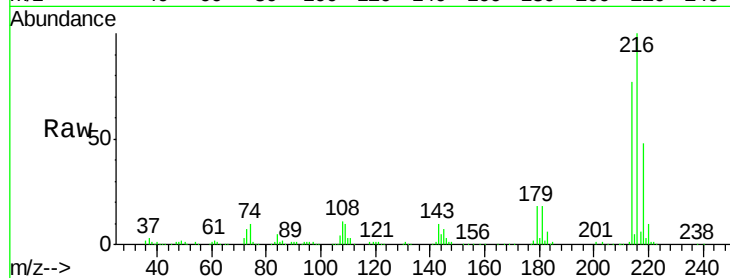
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.0

179 21.4 17.4 26.2

108 21.9 15.6 23.4

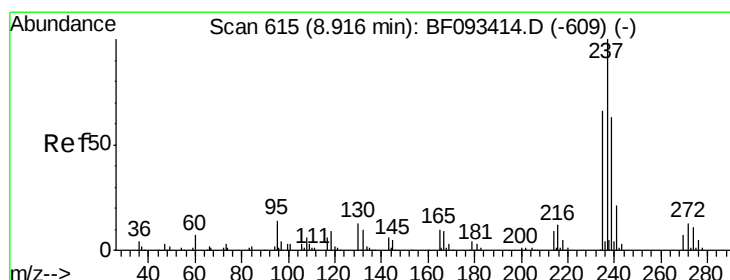
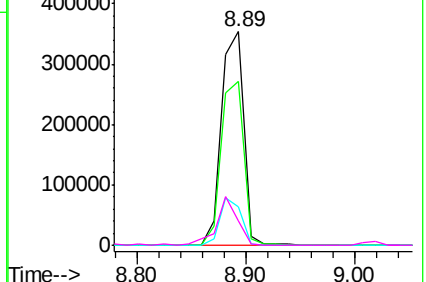
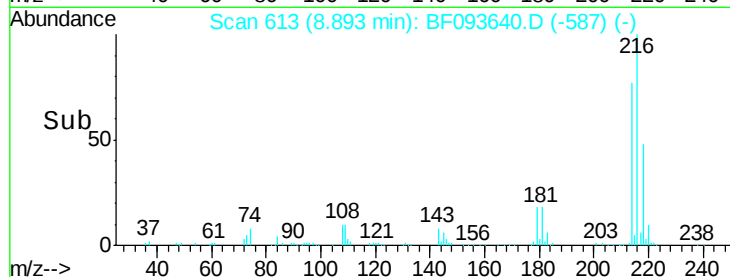


Abundance Ion 216.00 (215.70 to 216.70): E

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: 112.96 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

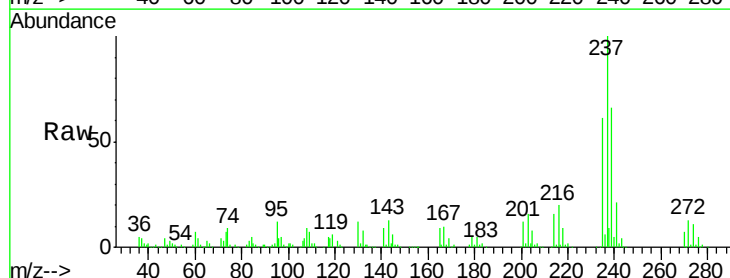
Tgt Ion:237 Resp: 289438

Ion Ratio Lower Upper

237 100

235 60.9 41.2 81.2

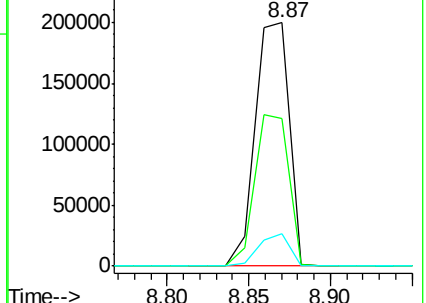
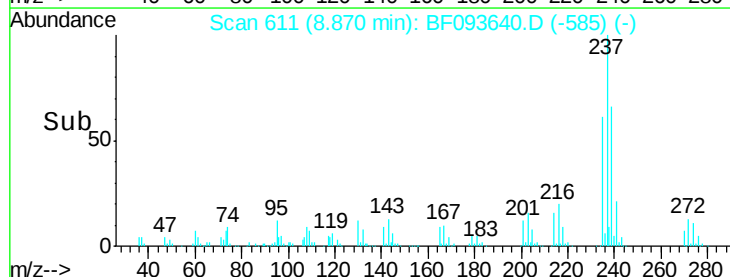
272 13.2 0.0 35.4

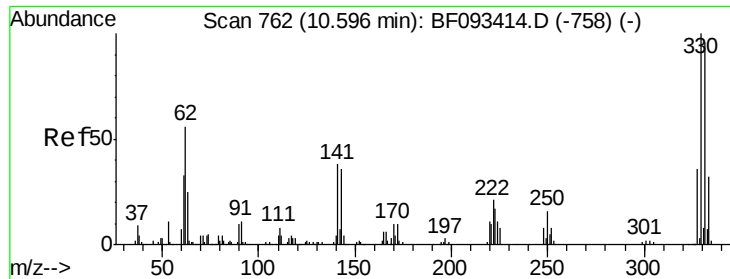


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

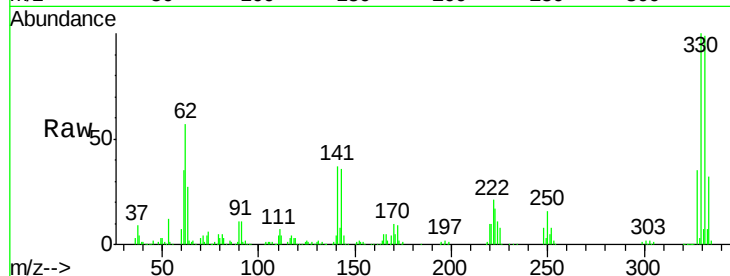




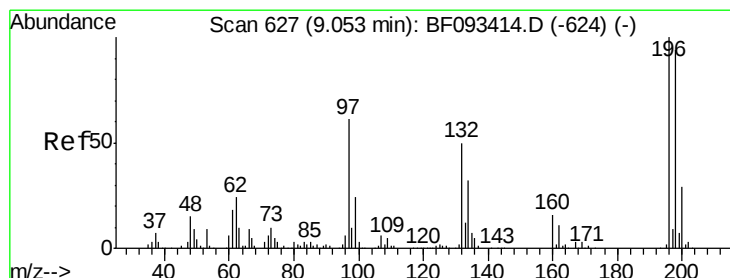
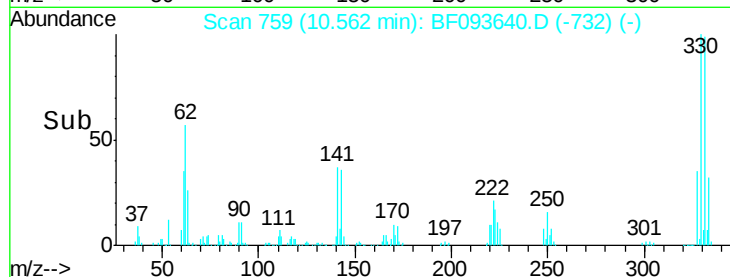
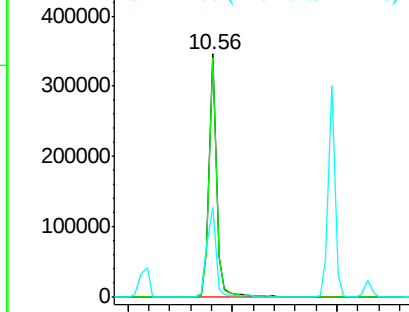
#41
 2,4,6-Tribromophenol
 Concen: 154.74 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Instrument :
 BNA_F
 ClientSampleId :
 D-112MS

Tgt Ion:330 Resp: 356418
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.4 116.2
 141 43.6 34.1 51.1

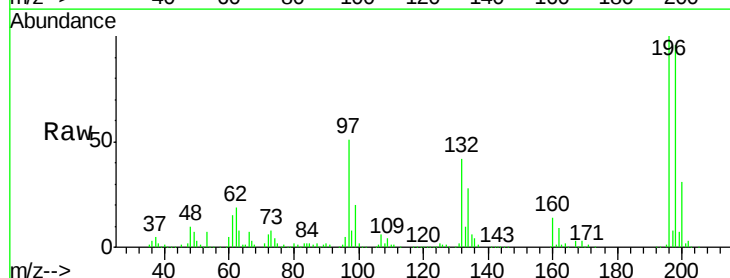


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

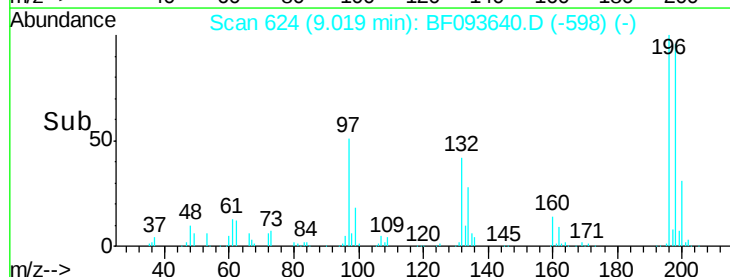
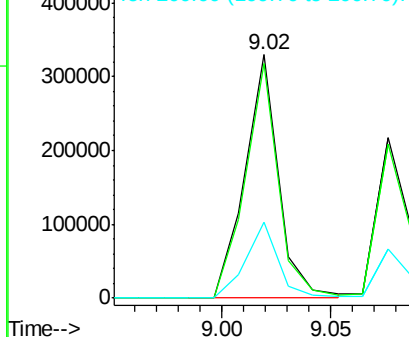


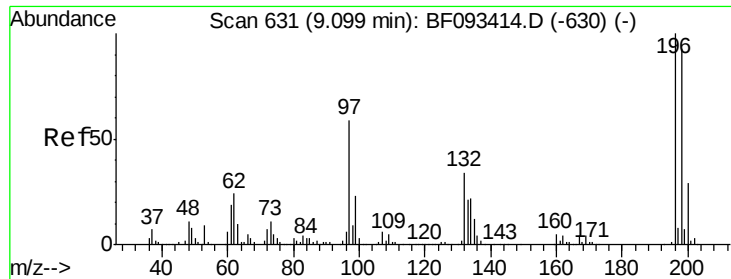
#42
 2,4,6-Trichlorophenol
 Concen: 58.82 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Tgt Ion:196 Resp: 354739
 Ion Ratio Lower Upper
 196 100
 198 96.5 82.1 123.1
 200 31.0 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

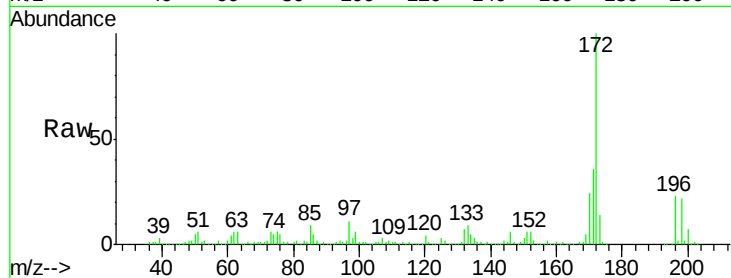




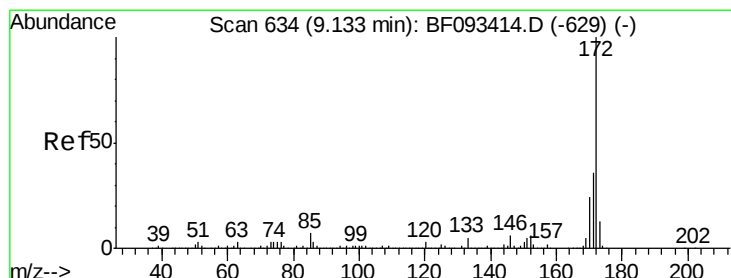
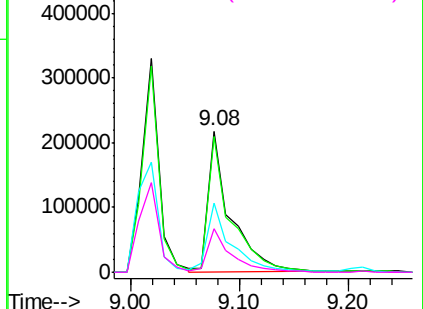
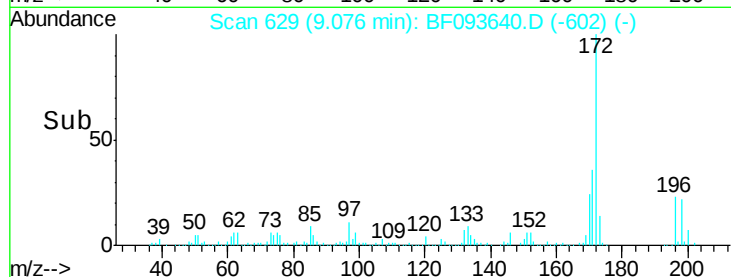
#43
 2,4,5-Trichlorophenol
 Concen: 47.97 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Instrument :
 BNA_F
 ClientSampleId :
 D-112MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	79.4	119.2
97	48.7	51.5	77.3#
132	31.2	27.4	41.2

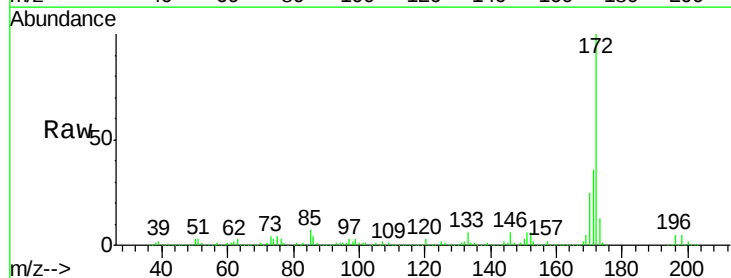


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

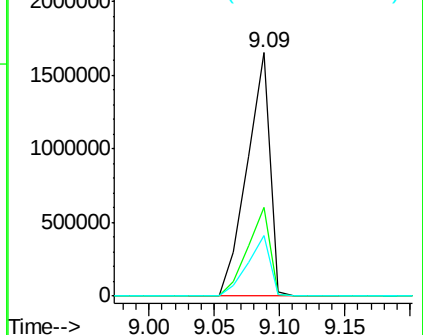
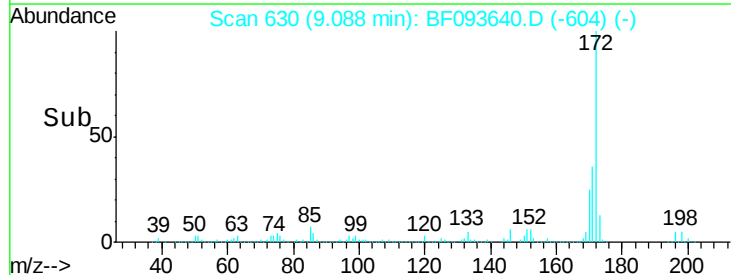


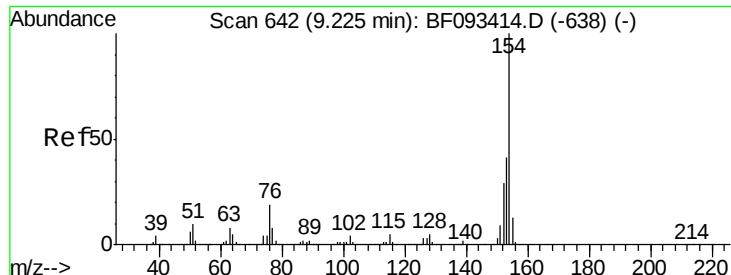
#44
 2-Fluorobiphenyl
 Concen: 105.95 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.9	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

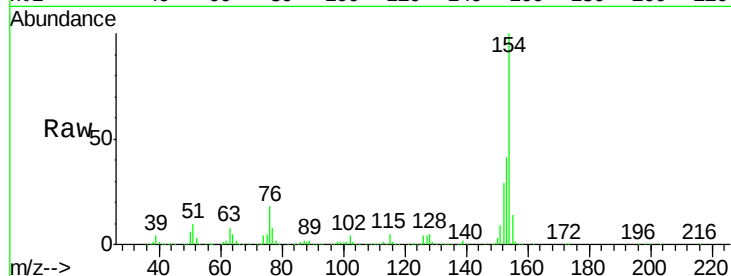




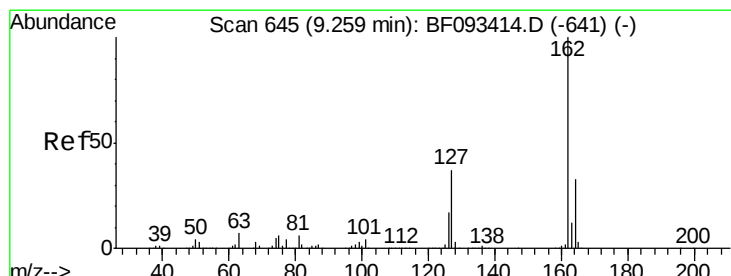
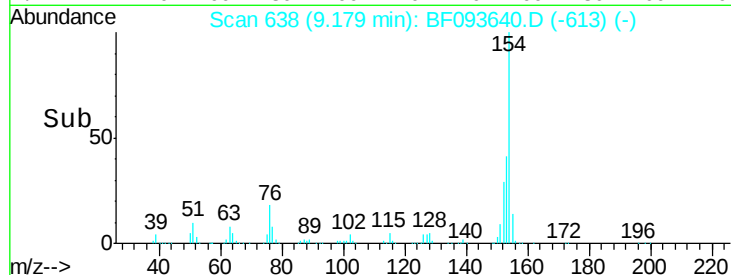
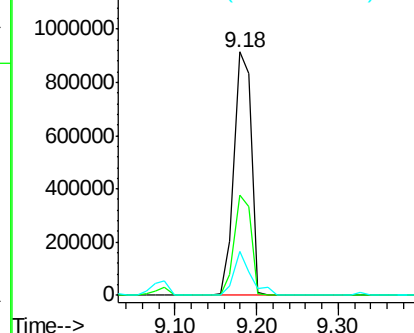
#45
 1,1'-Biphenyl
 Concen: 52.76 ng
 RT: 9.18 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Instrument :
 BNA_F
 ClientSampleId :
 D-112MS

Tgt Ion:154 Resp: 1358877
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.9 60.9
 76 18.0 0.0 30.5

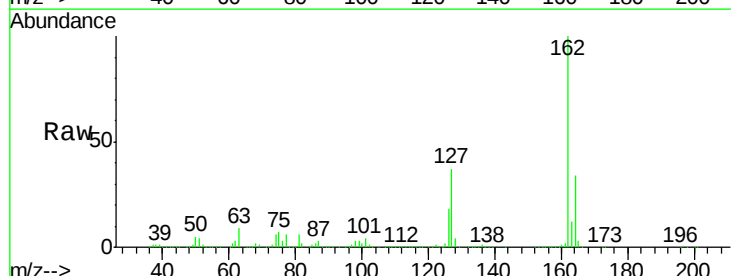


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

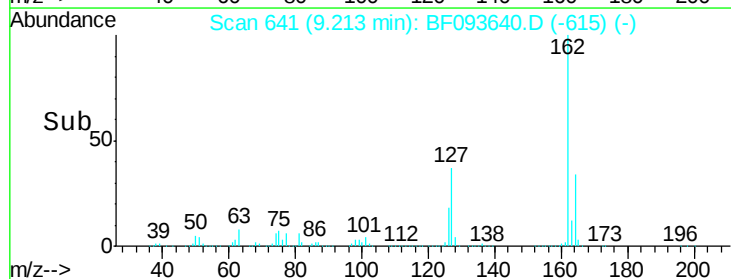
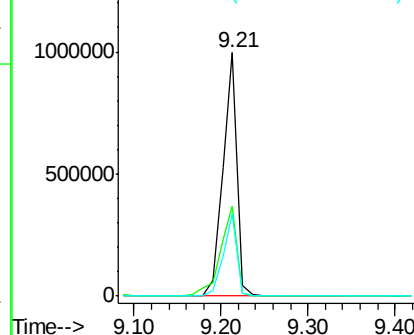


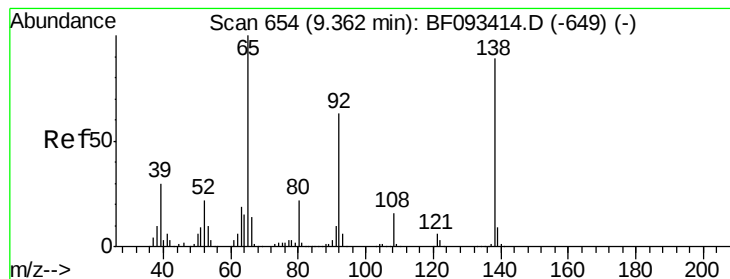
#46
 2-Chloronaphthalene
 Concen: 56.99 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Tgt Ion:162 Resp: 1123442
 Ion Ratio Lower Upper
 162 100
 127 37.0 30.7 46.1
 164 33.6 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: 60.91 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

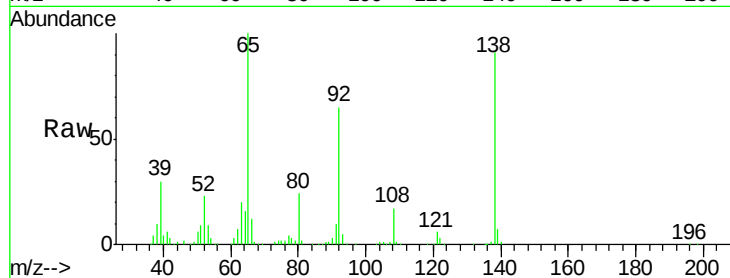
Tgt Ion: 65 Resp: 424468

Ion Ratio Lower Upper

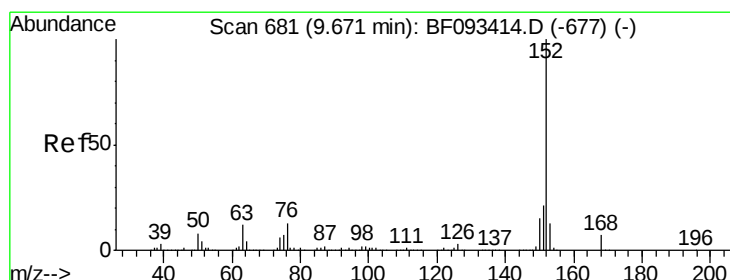
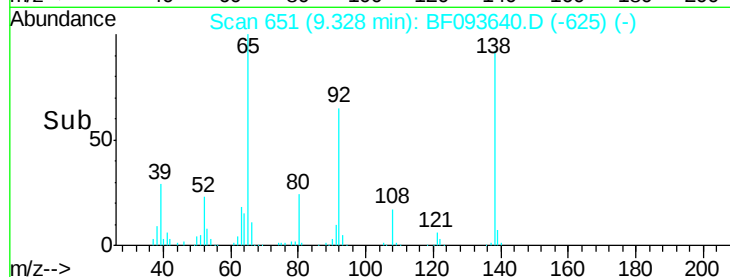
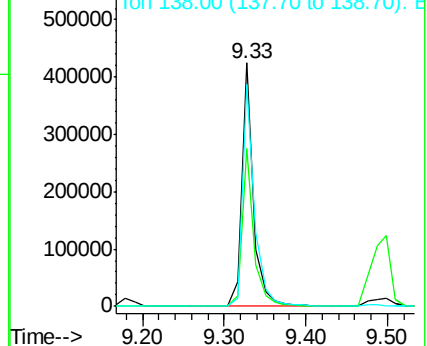
65 100

92 64.8 53.9 80.9

138 91.3 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: 52.64 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

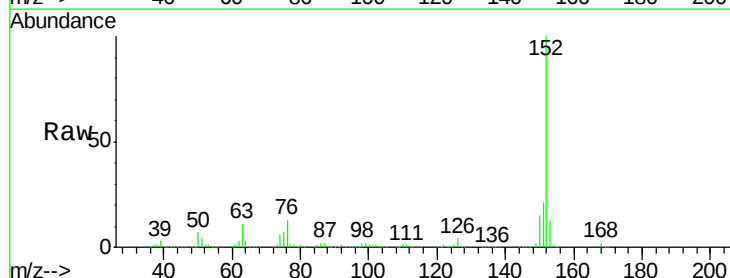
Tgt Ion: 152 Resp: 1711355

Ion Ratio Lower Upper

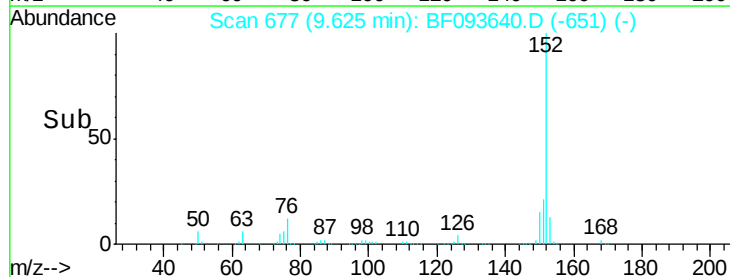
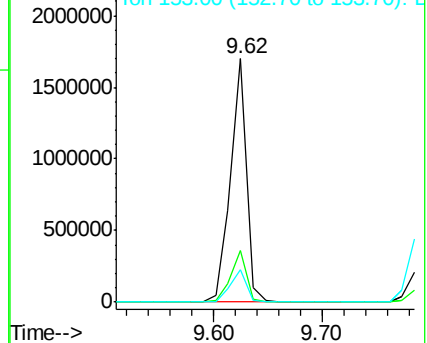
152 100

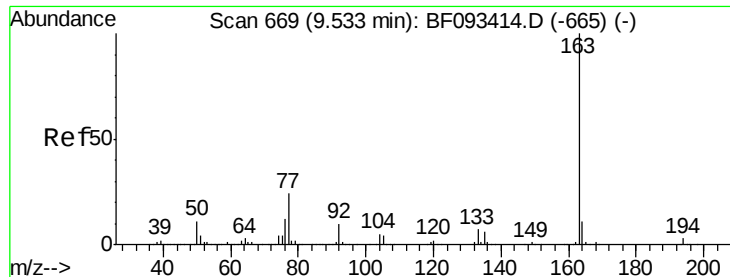
151 21.1 16.9 25.3

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

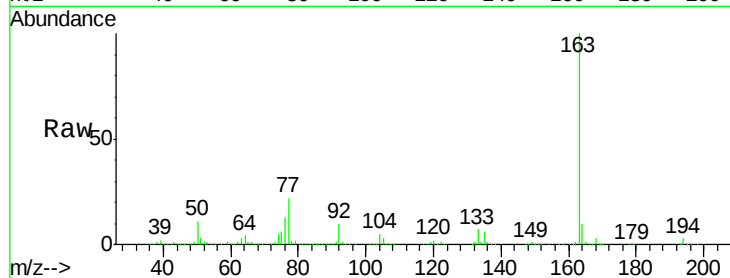




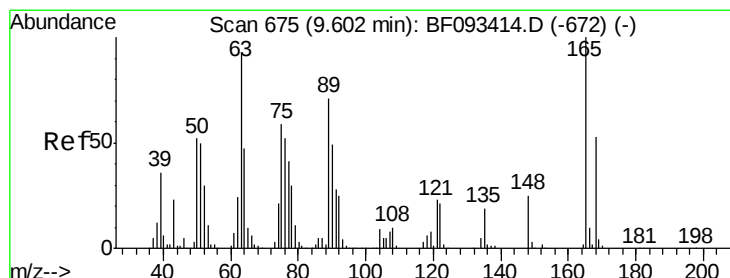
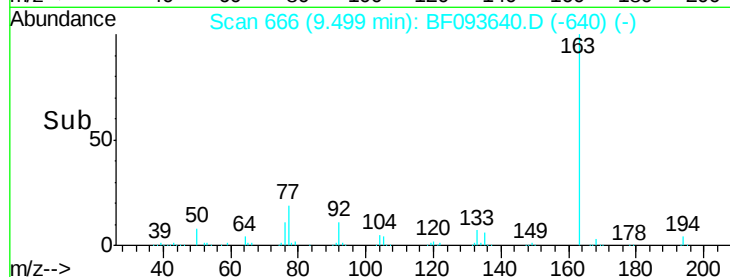
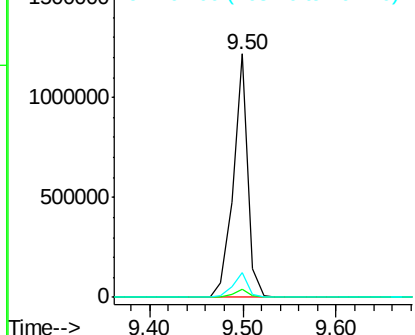
#49
Dimethylphthalate
Concen: 56.29 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Instrument :
BNA_F
ClientSampleId :
D-112MS

Tgt Ion:163 Resp: 1319290
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.3 8.0 12.0

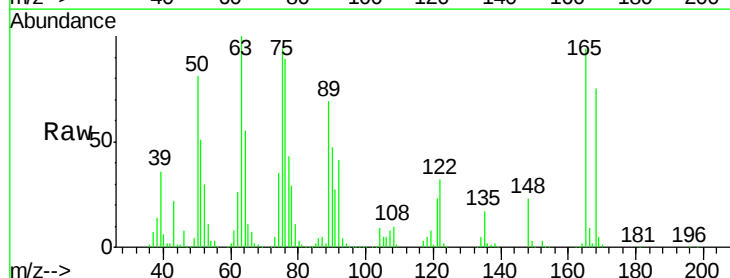


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

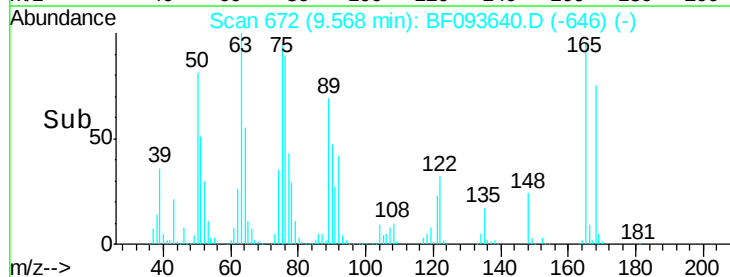
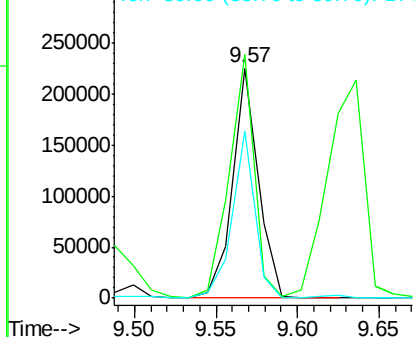


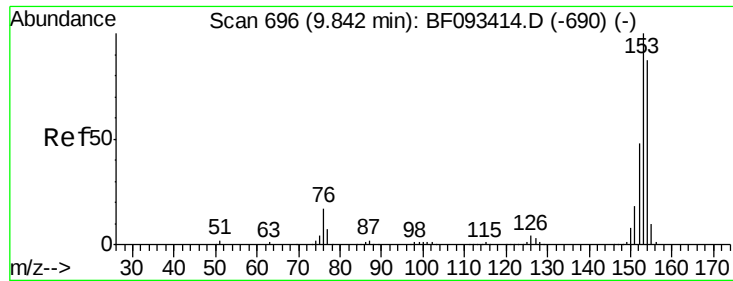
#50
2,6-Dinitrotoluene
Concen: 47.49 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion:165 Resp: 244217
Ion Ratio Lower Upper
165 100
63 106.0 36.2 54.4#
89 72.7 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

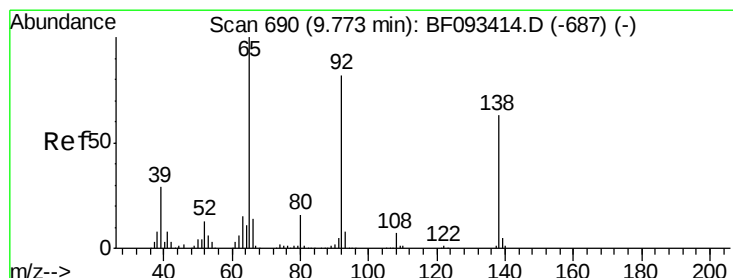
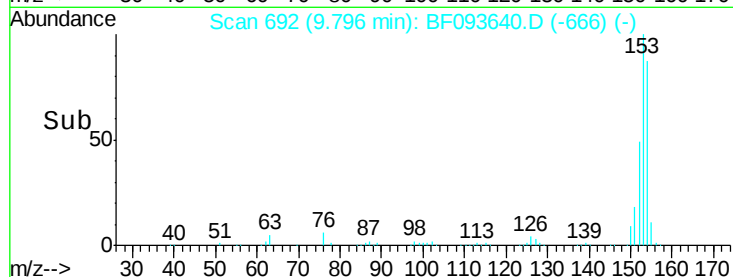
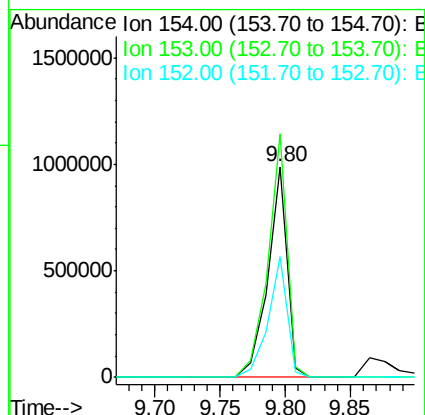
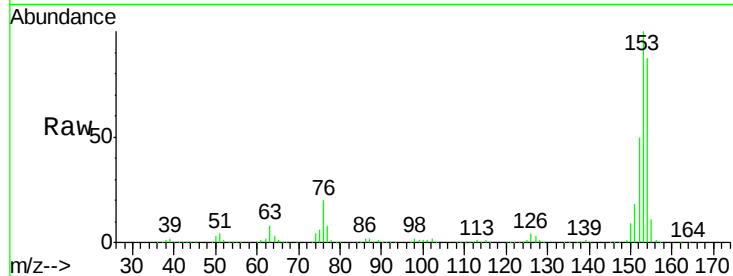




#51
Acenaphthene
Concen: 53.42 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

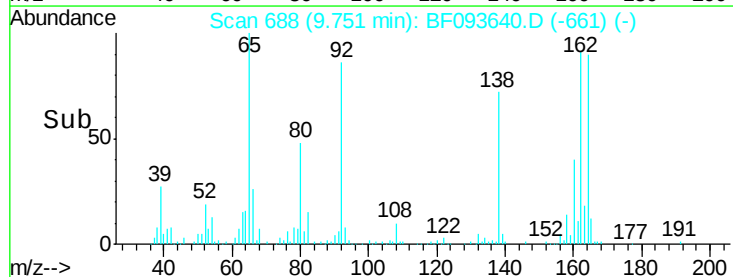
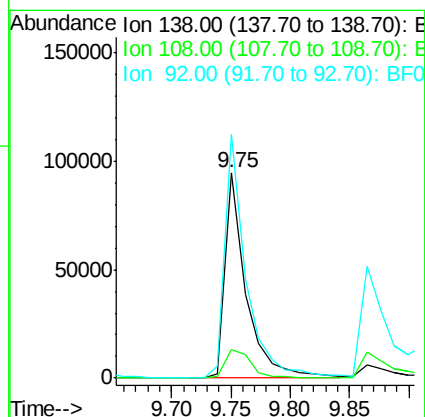
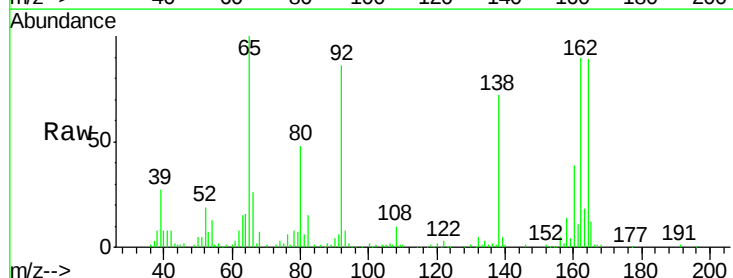
Instrument :
BNA_F
ClientSampleId :
D-112MS

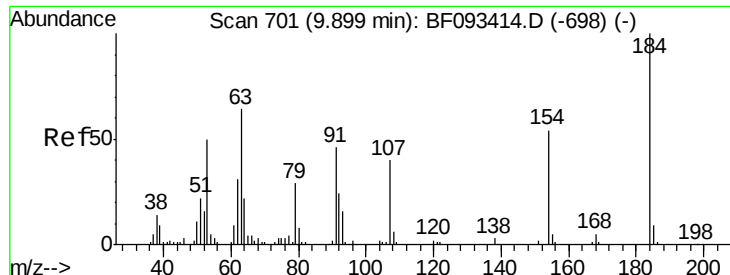
Tgt Ion:154 Resp: 1027130
Ion Ratio Lower Upper
154 100
153 115.4 88.6 133.0
152 57.2 41.6 62.4



#52
3-Nitroaniline
Concen: 18.81 ng
RT: 9.75 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion:138 Resp: 116239
Ion Ratio Lower Upper
138 100
108 14.0 8.5 12.7#
92 118.5 97.8 146.8

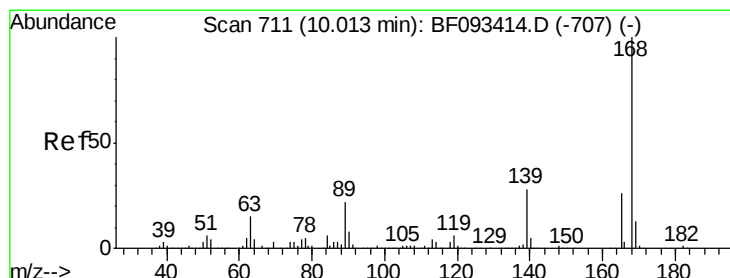
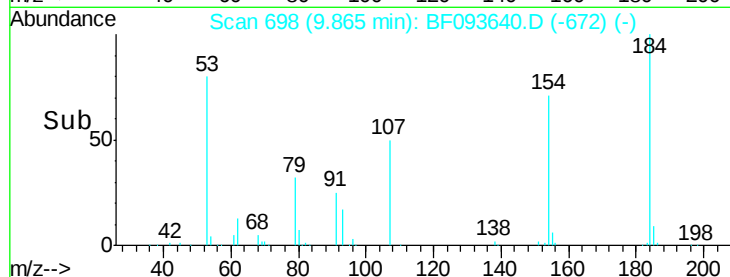
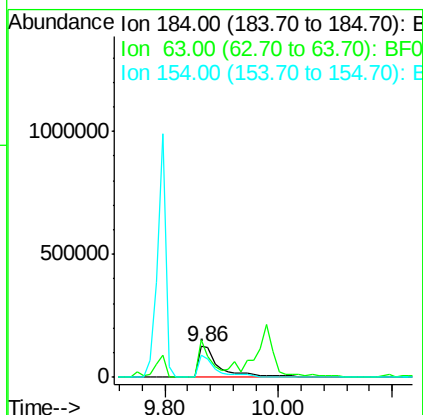
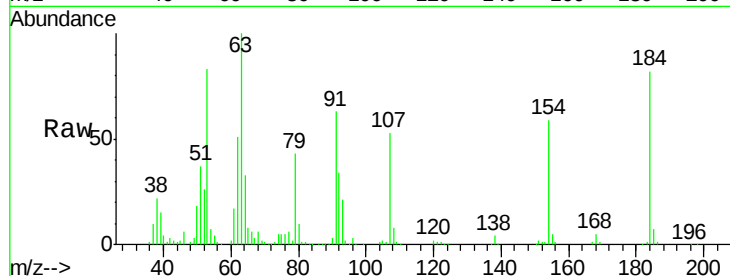




#53
2,4-Dinitrophenol
Concen: 138.47 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

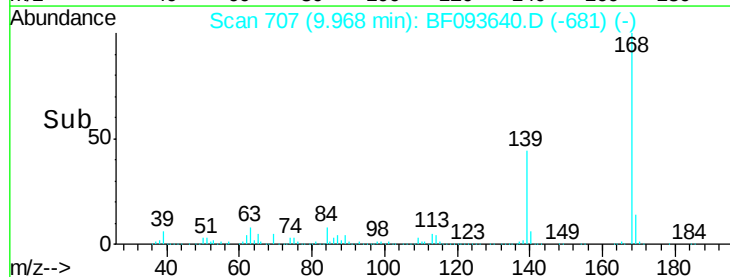
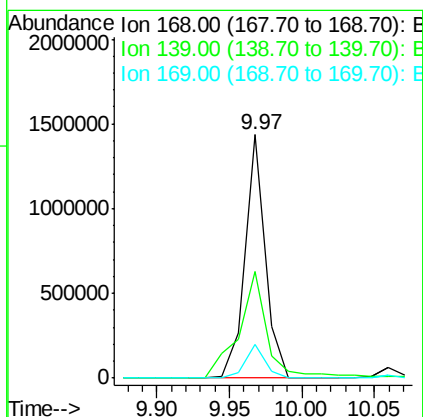
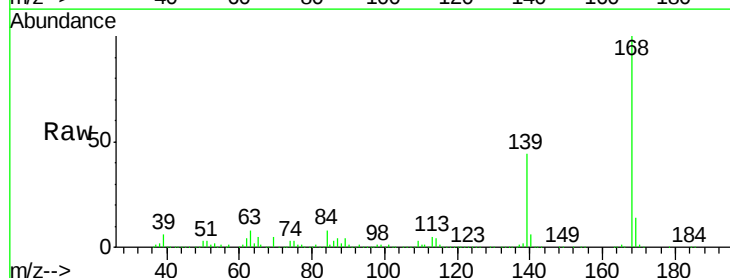
Instrument :
BNA_F
ClientSampleId :
D-112MS

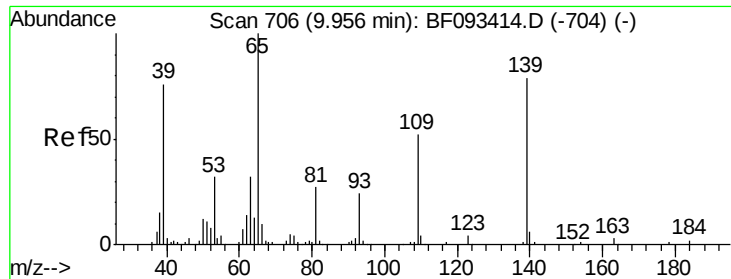
Tgt Ion:184 Resp: 324309
Ion Ratio Lower Upper
184 100
63 122.0 28.4 42.6#
154 71.7 44.3 66.5#



#54
Dibenzofuran
Concen: 57.52 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion:168 Resp: 1384045
Ion Ratio Lower Upper
168 100
139 43.8 32.6 49.0
169 13.9 11.3 16.9

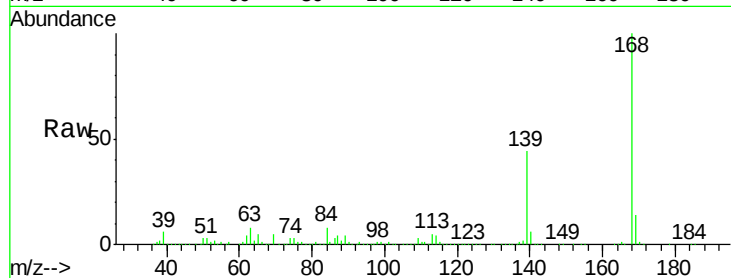




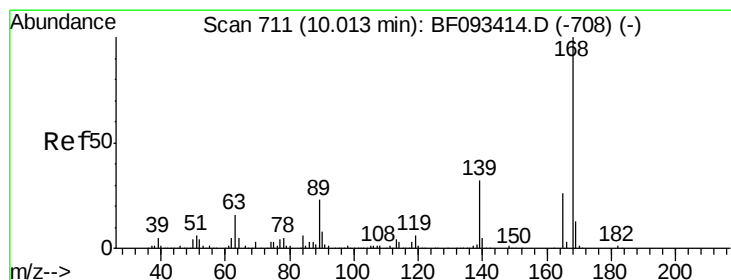
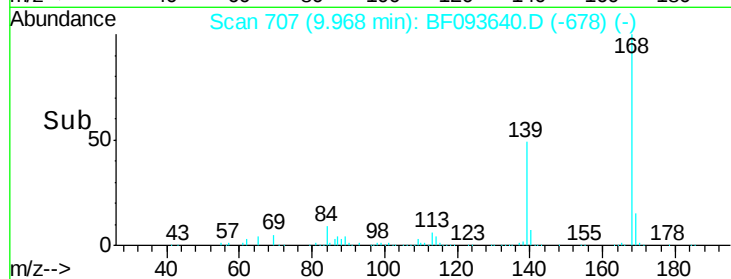
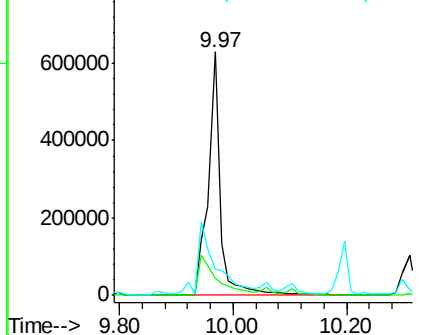
#55
4-Nitrophenol
Concen: 302.42 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Instrument :
BNA_F
ClientSampleId :
D-112MS

Tgt Ion:139 Resp: 907554
Ion Ratio Lower Upper
139 100
109 7.0 52.2 92.2#
65 10.5 85.8 125.8#

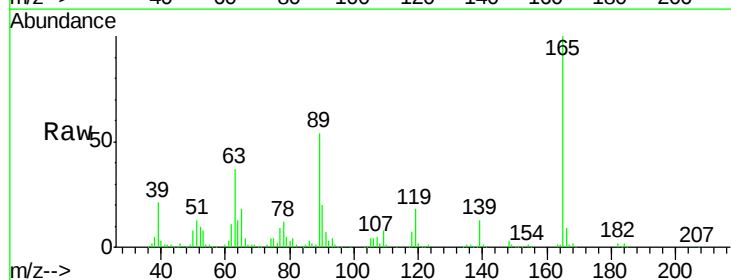


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

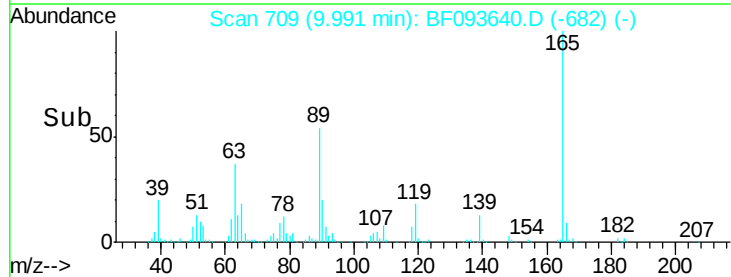
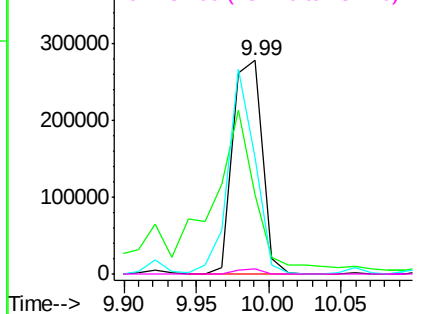


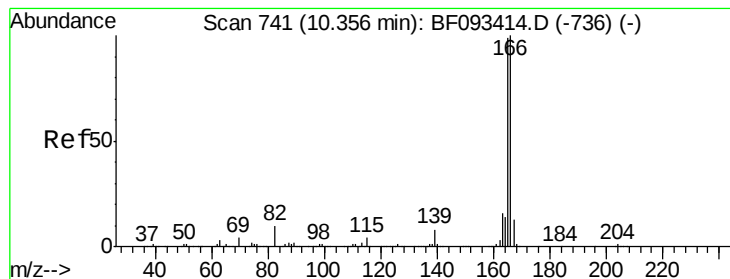
#56
2,4-Dinitrotoluene
Concen: 62.35 ng
RT: 9.99 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion:165 Resp: 393930
Ion Ratio Lower Upper
165 100
63 37.2 40.2 60.4#
89 54.4 62.5 93.7#
182 2.4 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 52.01 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

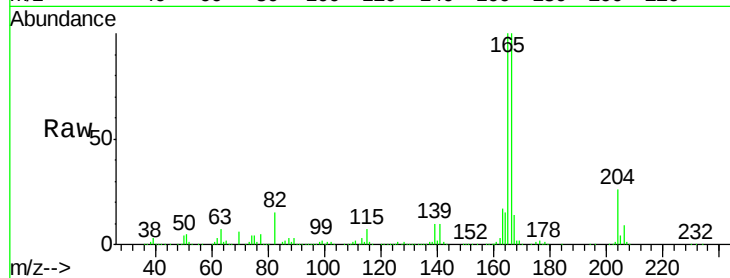
Tgt Ion:166 Resp: 1060459

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.8

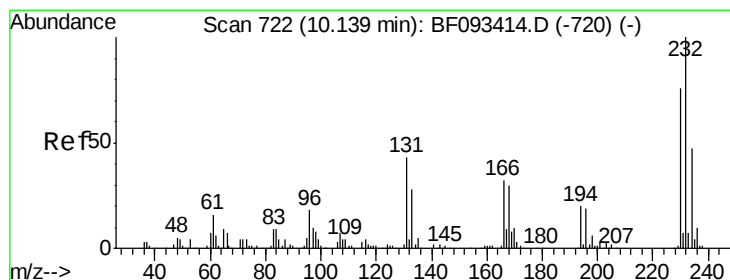
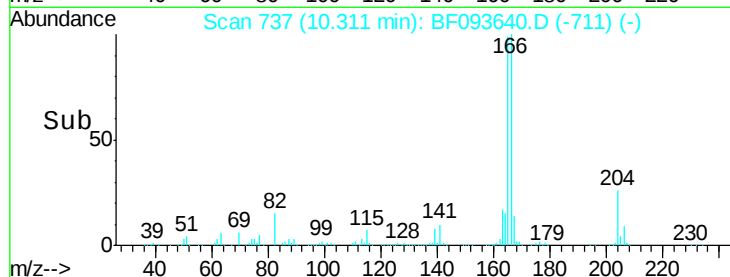
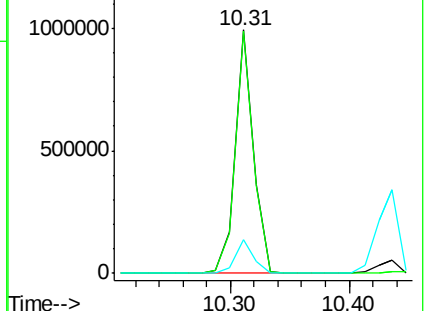
167 14.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 65.75 ng

RT: 10.10 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Tgt Ion:232 Resp: 300288

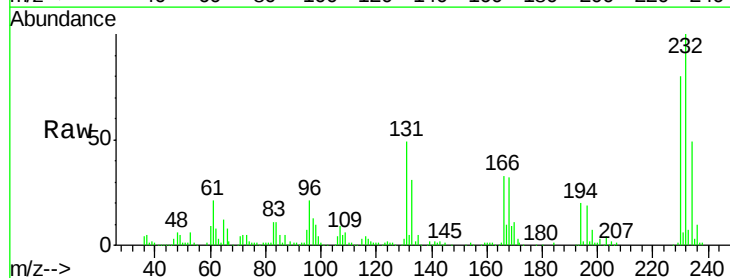
Ion Ratio Lower Upper

232 100

131 51.4 40.1 60.1

130 2.6 1.8 2.8

166 31.9 26.6 39.8

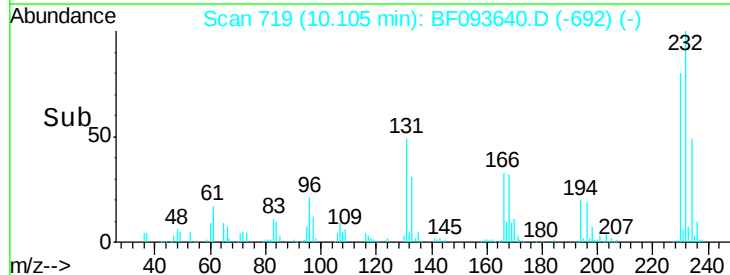
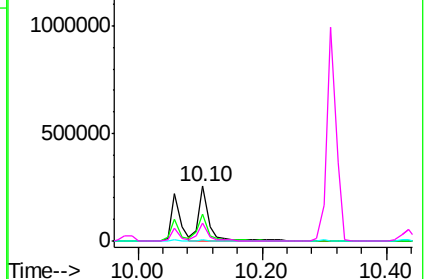


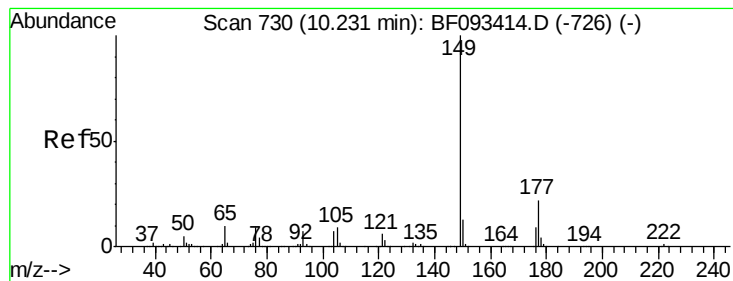
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 56.92 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

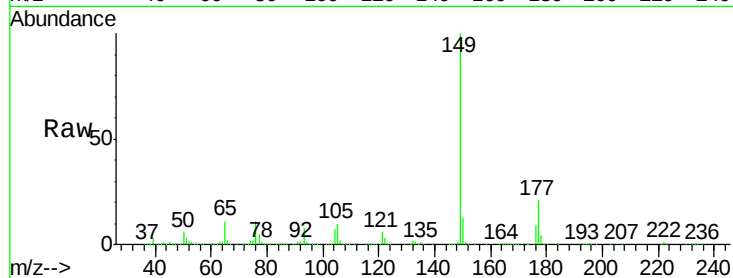
Tgt Ion:149 Resp: 1275033

Ion Ratio Lower Upper

149 100

177 21.3 16.6 25.0

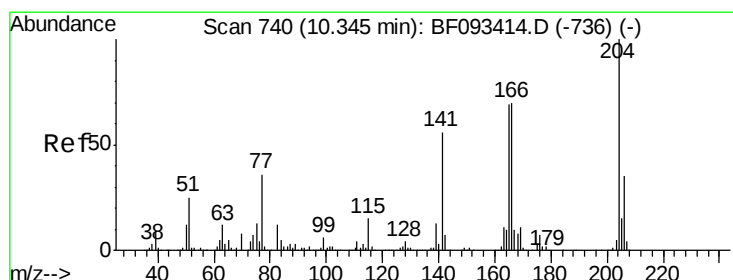
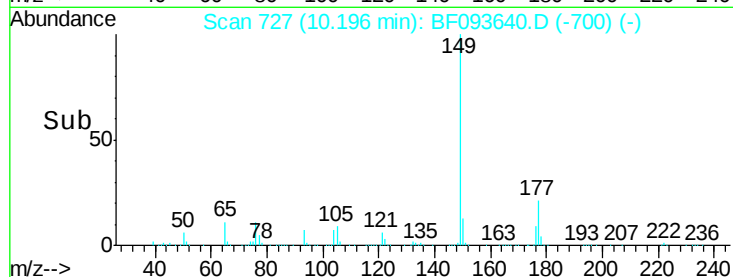
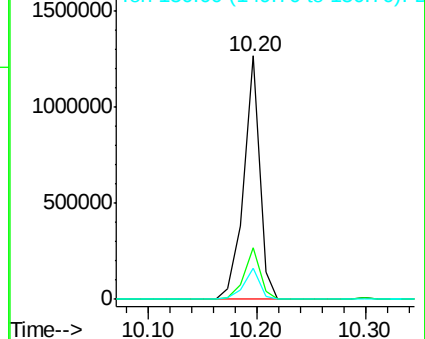
150 12.7 10.4 15.6



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: 54.44 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

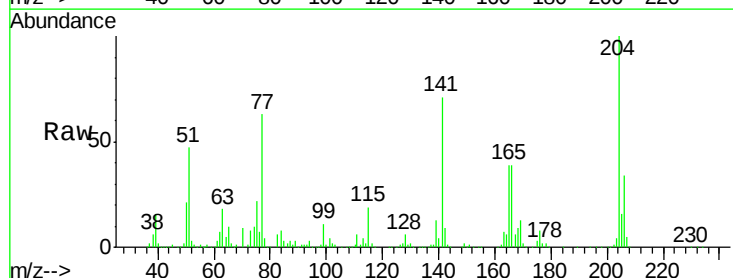
Tgt Ion:204 Resp: 497613

Ion Ratio Lower Upper

204 100

206 34.1 25.8 38.6

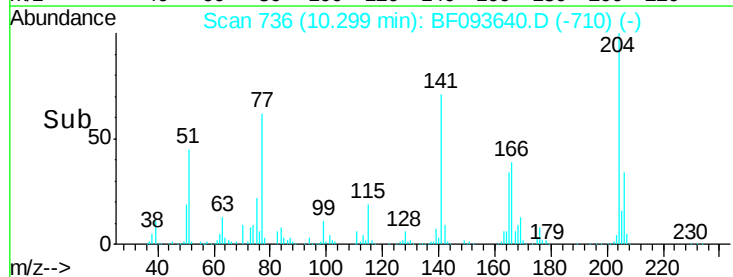
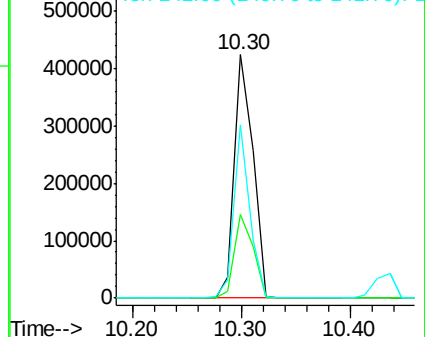
141 71.3 59.4 89.0

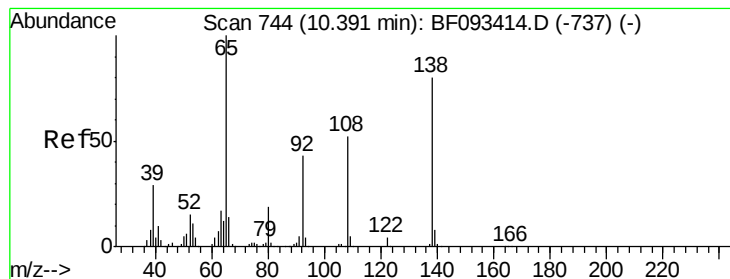


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.63 ng

RT: 10.37 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

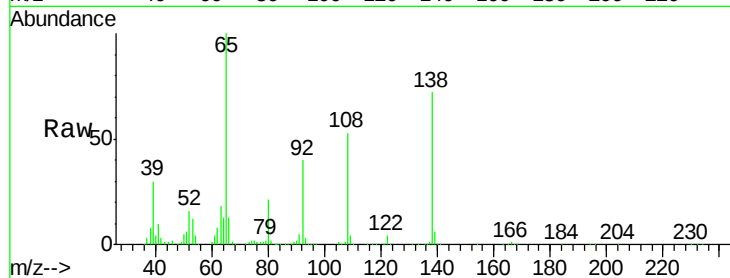
Tgt Ion:138 Resp: 275698

Ion Ratio Lower Upper

138 100

92 55.8 31.7 71.7

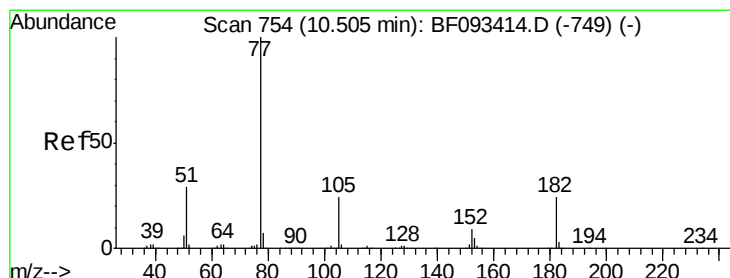
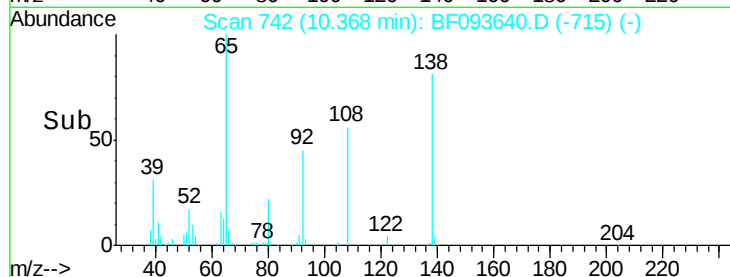
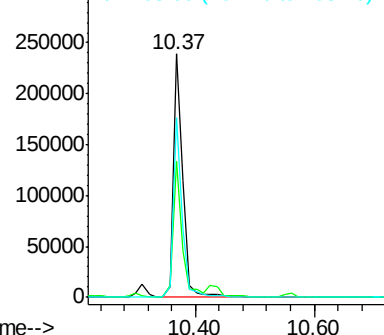
108 73.7 52.6 92.6



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: 66.02 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Tgt Ion: 77 Resp: 1680470

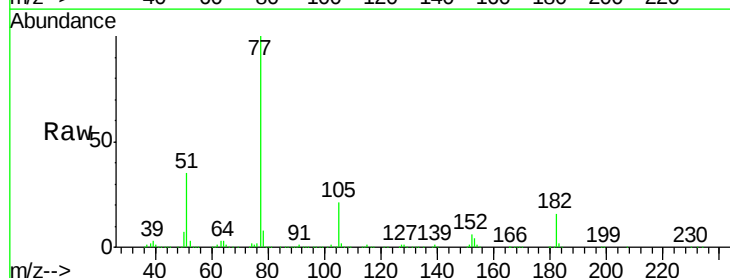
Ion Ratio Lower Upper

77 100

182 15.5 0.0 39.3

105 20.7 2.3 42.3

51 34.9 8.9 48.9

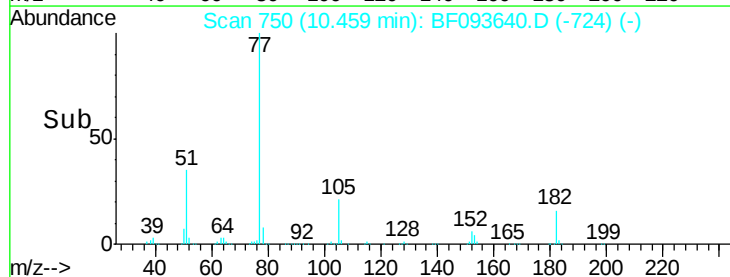
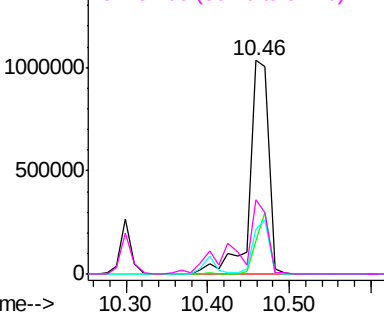


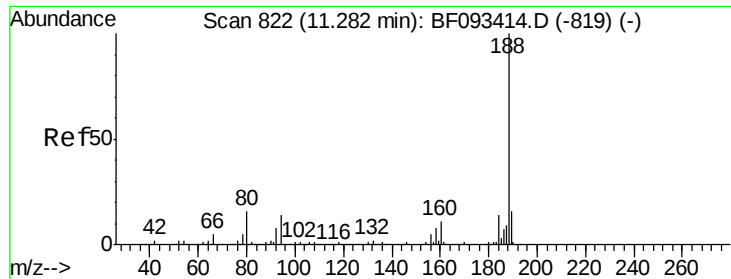
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

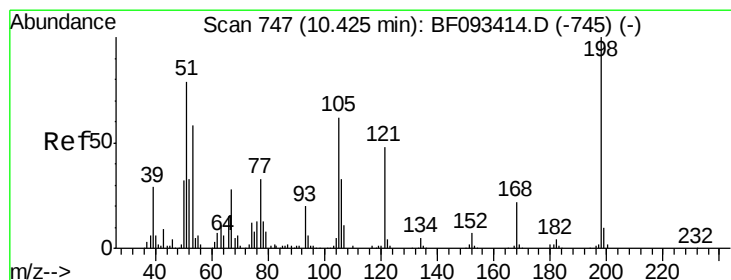
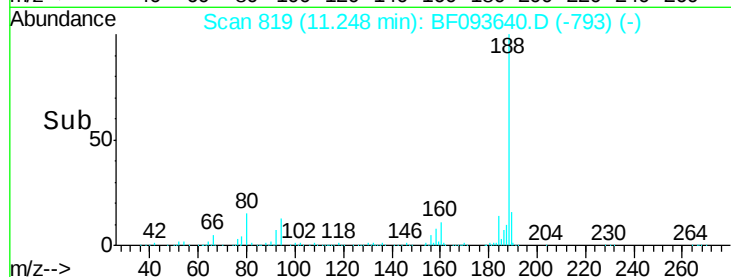
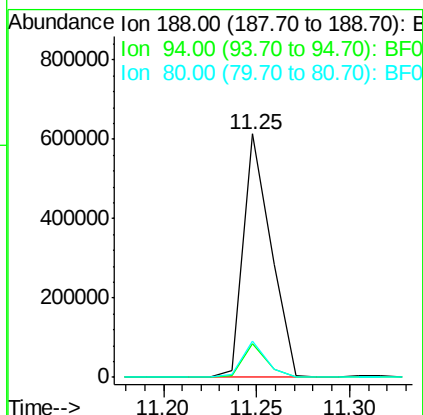
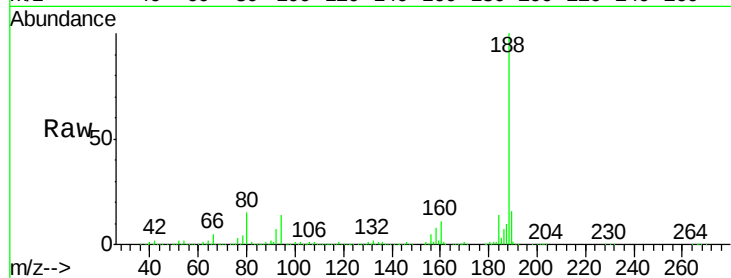




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

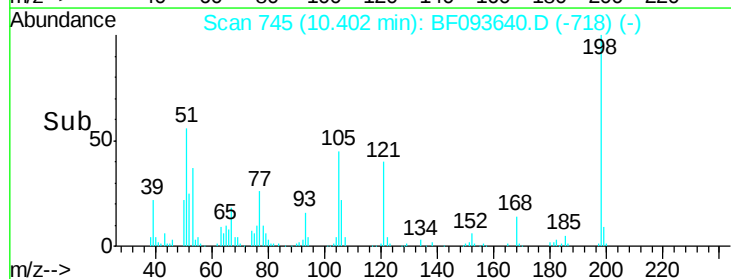
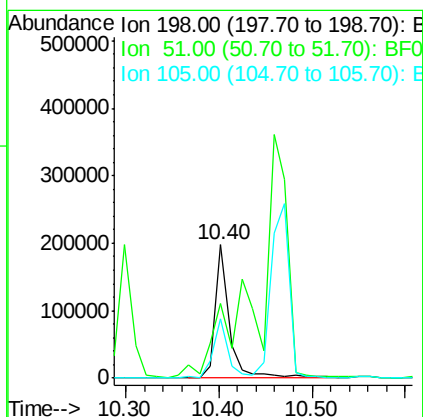
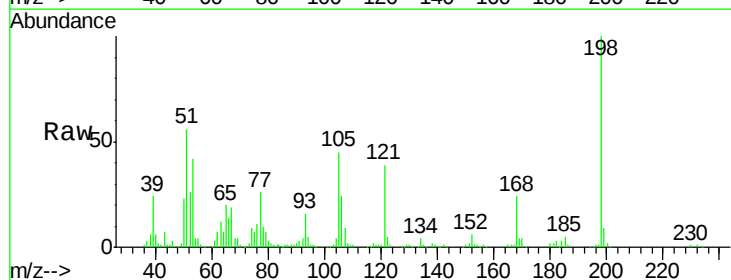
Instrument :
BNA_F
ClientSampleId :
D-112MS

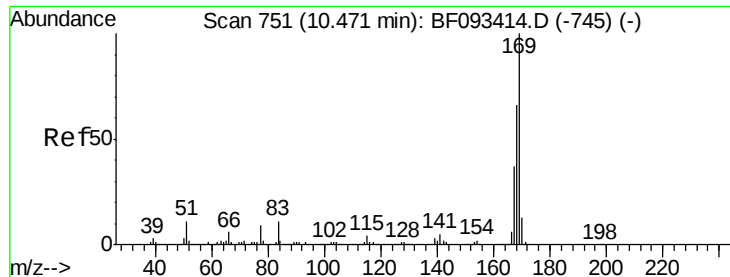
Tgt Ion:188 Resp: 632942
Ion Ratio Lower Upper
188 100
94 13.7 10.0 15.0
80 14.9 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 51.57 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion:198 Resp: 211487
Ion Ratio Lower Upper
198 100
51 55.9 6.7 46.7#
105 44.9 16.6 56.6

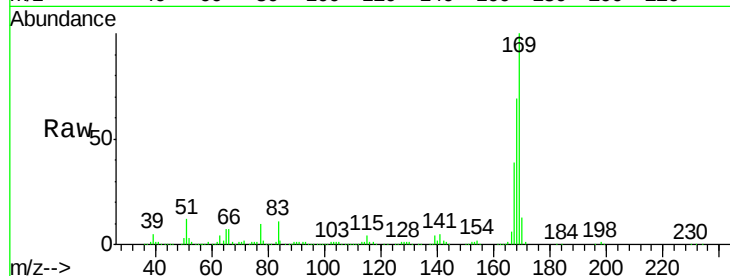




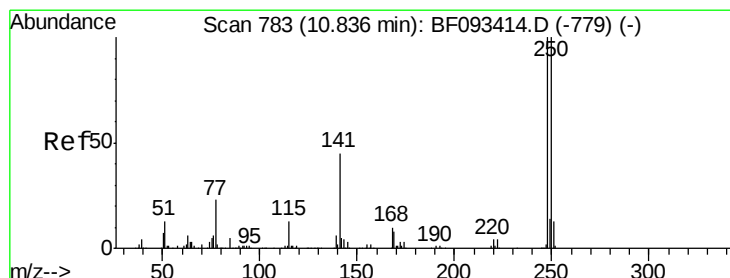
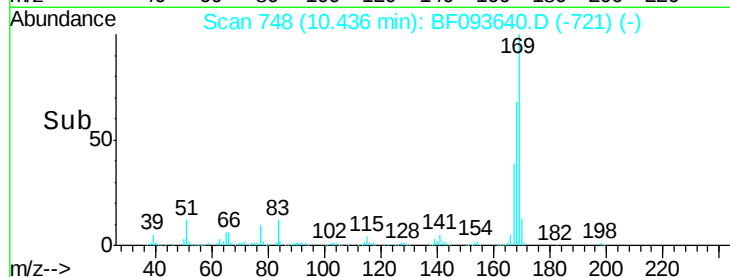
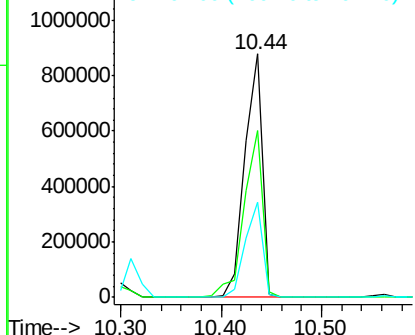
#65
n-Nitrosodiphenylamine
Concen: 50.48 ng
RT: 10.44 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Instrument :
BNA_F
ClientSampled :
D-112MS

Tgt Ion:169 Resp: 1066798
Ion Ratio Lower Upper
169 100
168 68.8 54.2 81.2
167 38.9 30.2 45.4

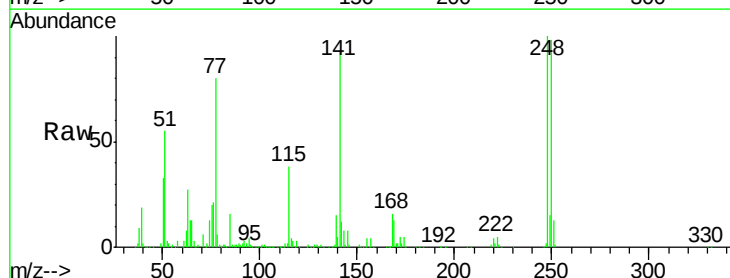


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

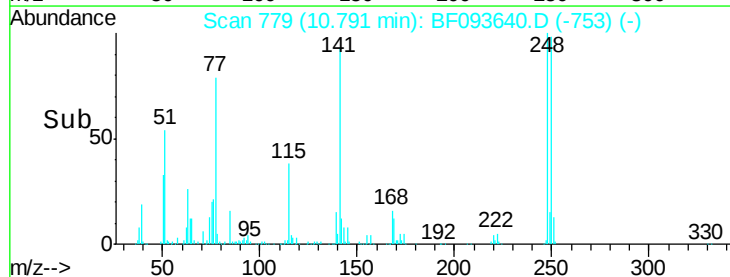
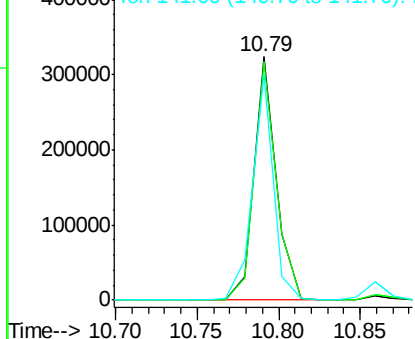


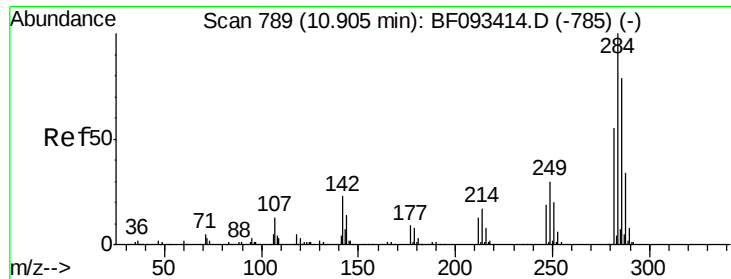
#66
4-Bromophenyl-phenylether
Concen: 45.80 ng
RT: 10.79 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion:248 Resp: 306524
Ion Ratio Lower Upper
248 100
250 97.9 76.9 115.3
141 92.8 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

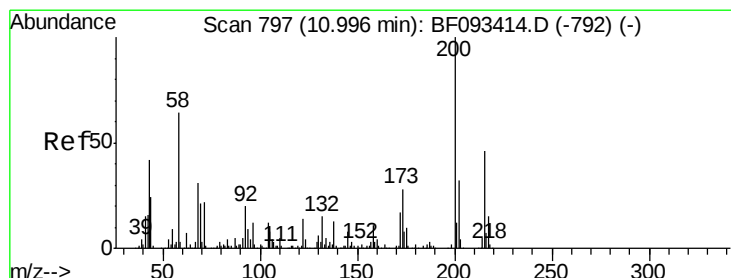
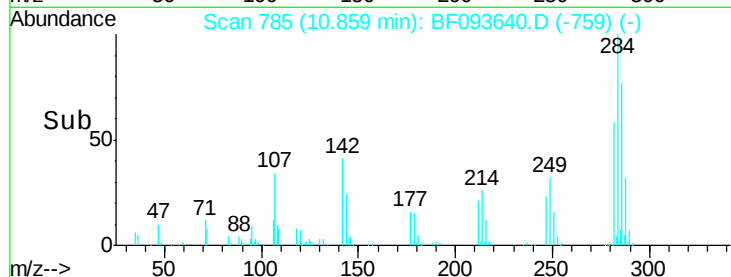
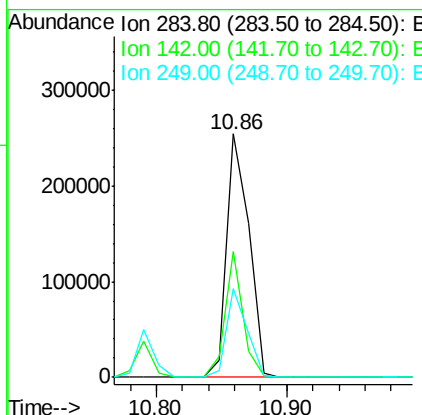
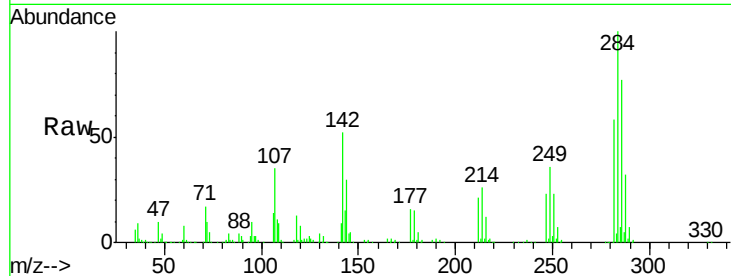




#67
Hexachlorobenzene
Concen: 47.12 ng
RT: 10.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

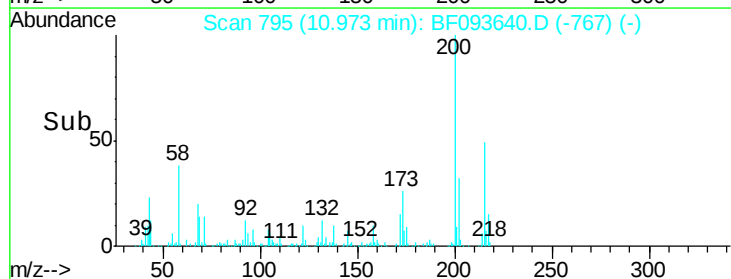
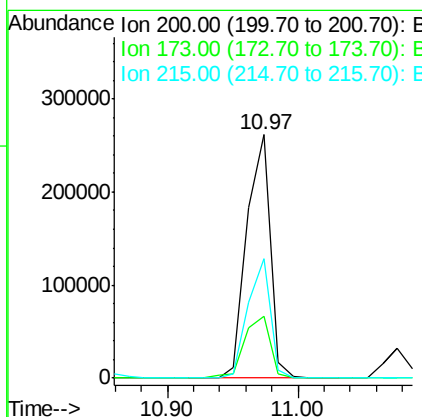
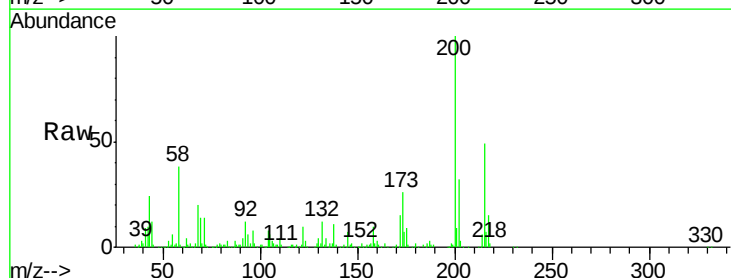
Instrument :
BNA_F
ClientSampleId :
D-112MS

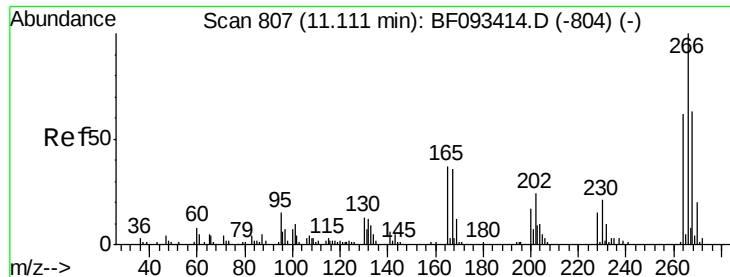
Tgt Ion: 284 Resp: 301138
Ion Ratio Lower Upper
284 100
142 51.8 22.6 33.8#
249 36.2 25.4 38.0



#68
Atrazine
Concen: 52.93 ng
RT: 10.97 min Scan# 795
Delta R.T. 0.02 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion: 200 Resp: 327450
Ion Ratio Lower Upper
200 100
173 25.6 9.6 49.6
215 49.3 25.7 65.7

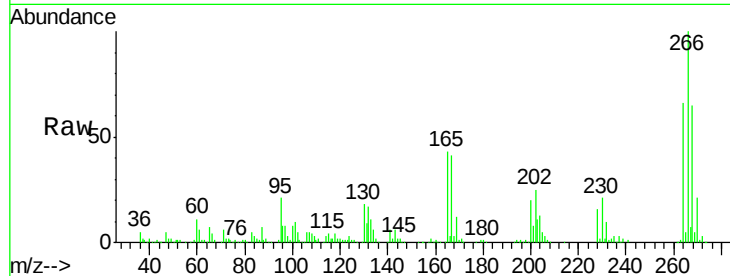




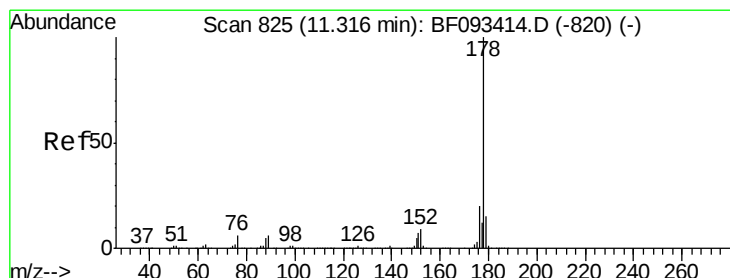
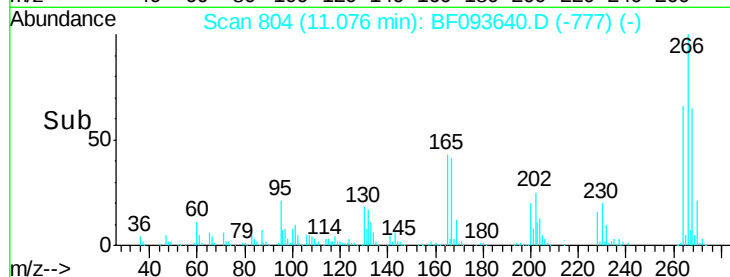
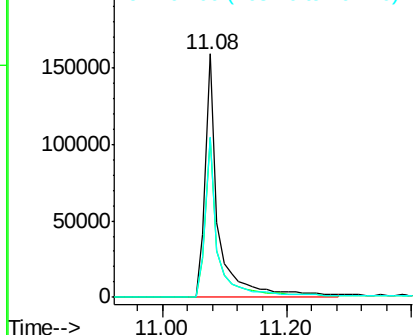
#69
 Pentachlorophenol
 Concen: 109.66 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Instrument :
 BNA_F
 ClientSampleId :
 D-112MS

Tgt Ion:266 Resp: 241970
 Ion Ratio Lower Upper
 266 100
 268 65.4 53.3 79.9
 264 65.8 50.3 75.5

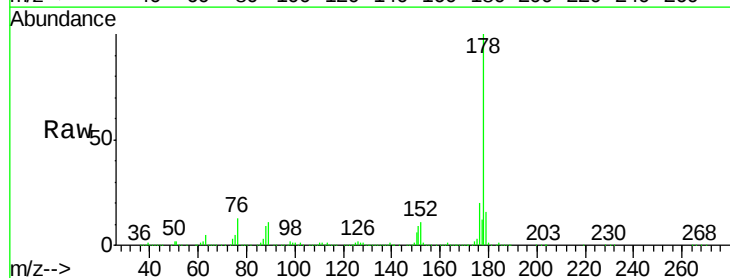


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

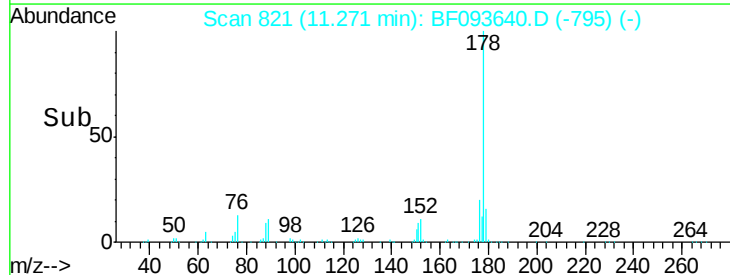
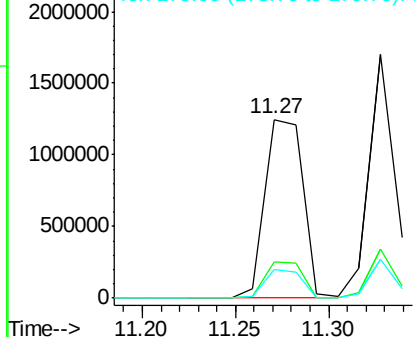


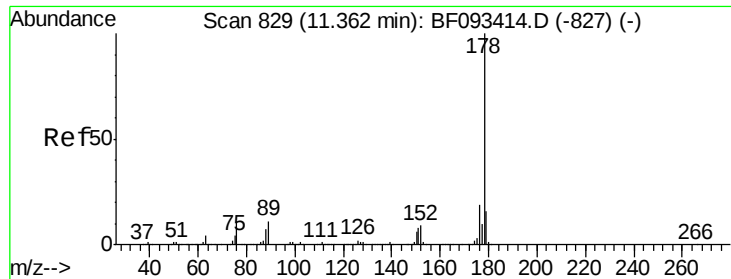
#70
 Phenanthrene
 Concen: 48.79 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Tgt Ion:178 Resp: 1762595
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 16.1 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

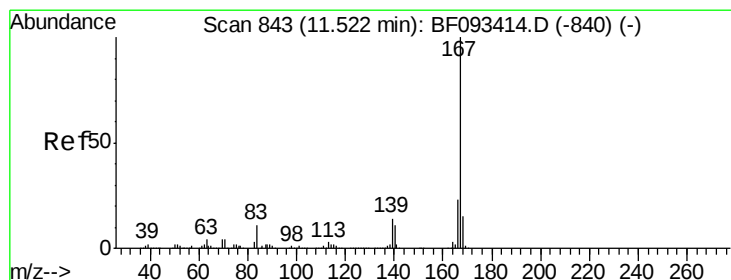
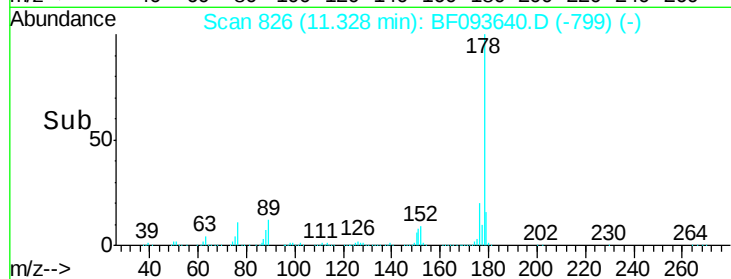
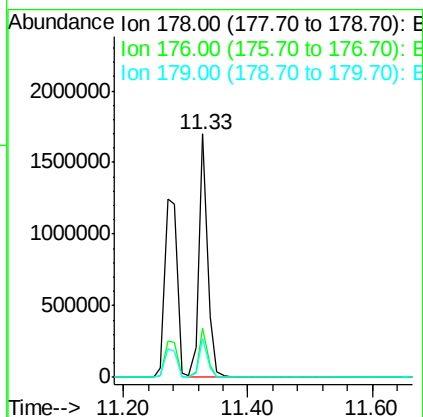
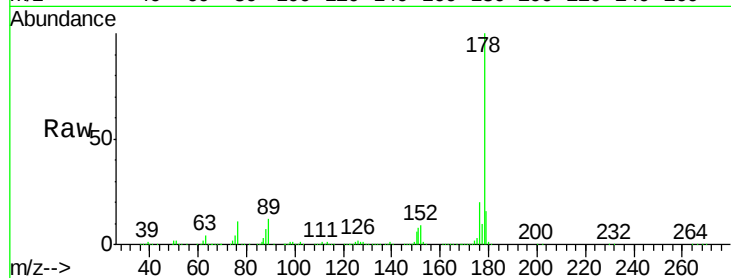




#71
 Anthracene
 Concen: 45.05 ng
 RT: 11.33 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

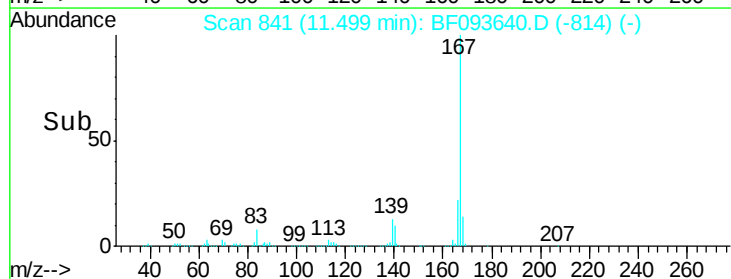
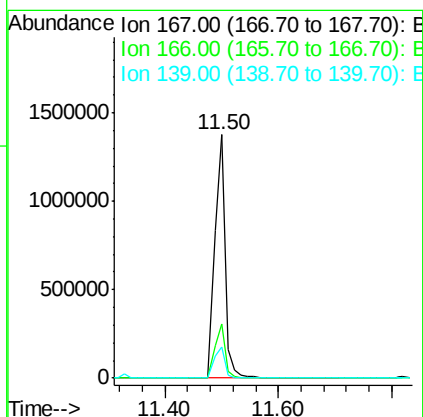
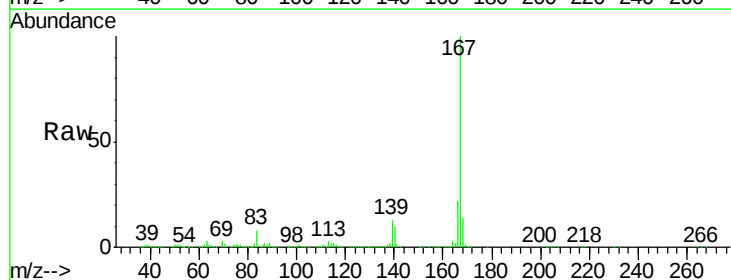
Instrument :
 BNA_F
 ClientSampleId :
 D-112MS

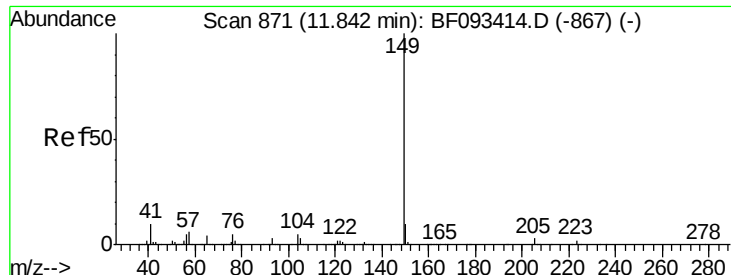
Tgt Ion:178 Resp: 1646512
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.9 23.9
 179 15.9 13.2 19.8



#72
 Carbazole
 Concen: 49.43 ng
 RT: 11.50 min Scan# 841
 Delta R.T. 0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Tgt Ion:167 Resp: 1697045
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 12.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 54.64 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

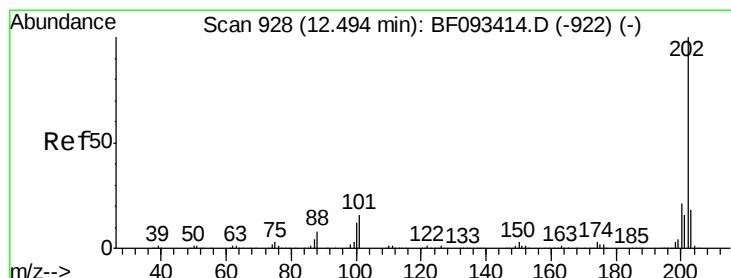
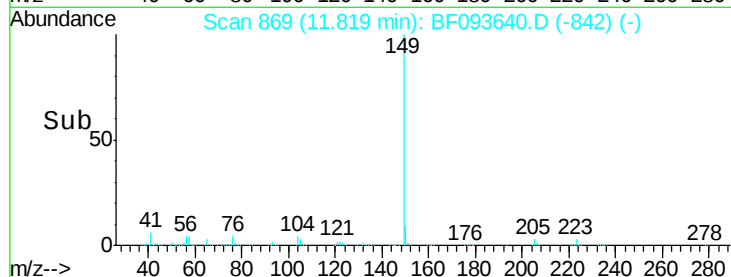
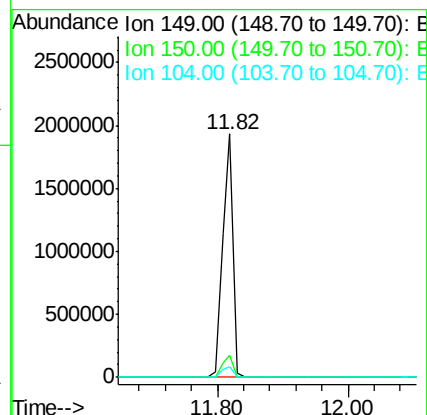
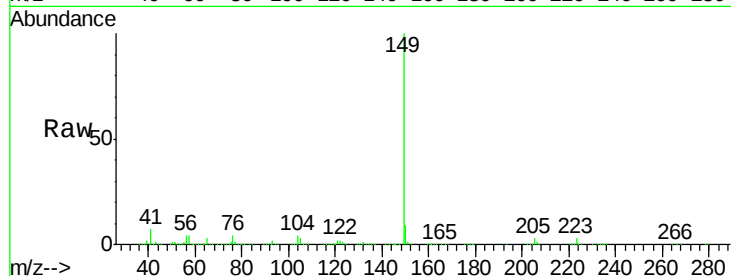
Tgt Ion:149 Resp: 2170272

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

104 4.4 4.6 7.0#



#74

Fluoranthene

Concen: 52.19 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

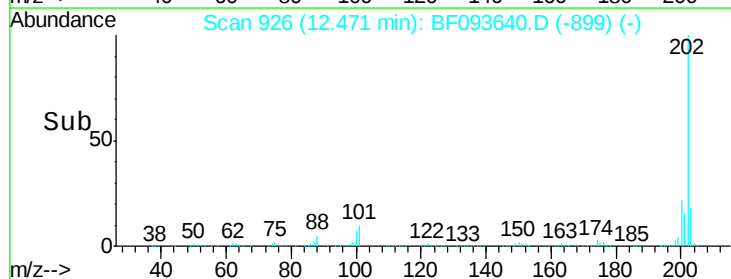
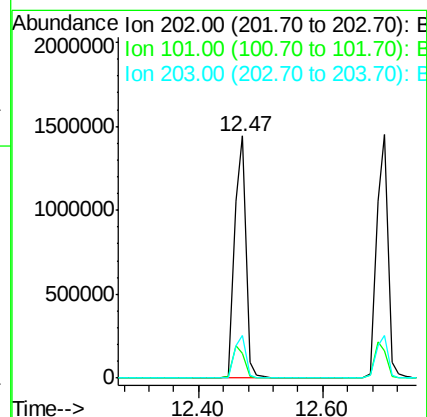
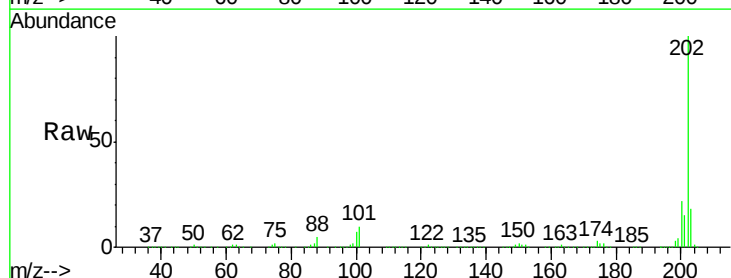
Tgt Ion:202 Resp: 1821470

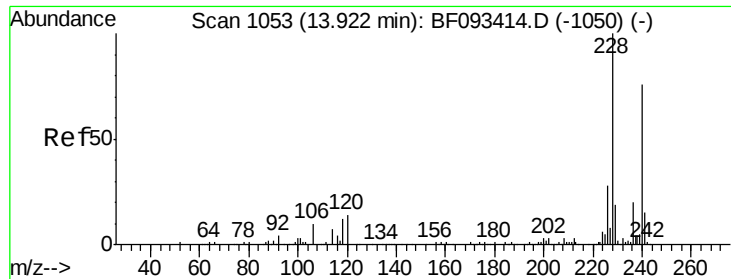
Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.6

203 17.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

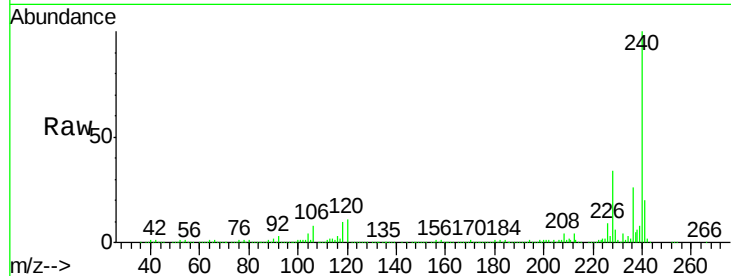
Tgt Ion:240 Resp: 512469

Ion Ratio Lower Upper

240 100

120 11.4 12.9 19.3#

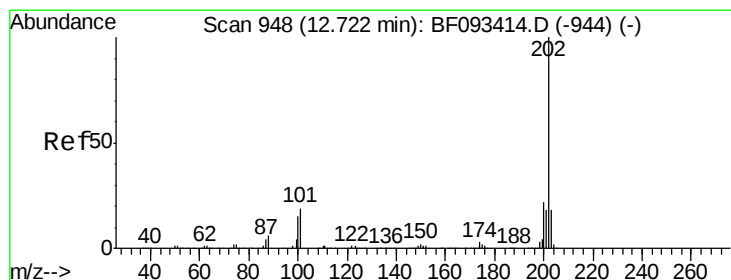
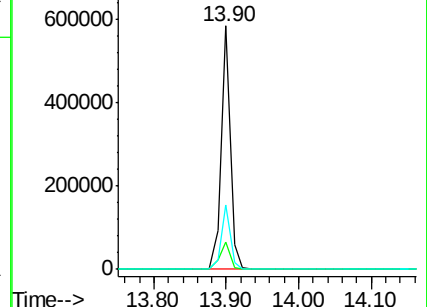
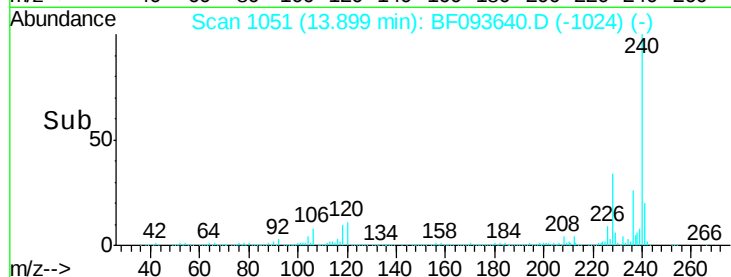
236 26.3 20.9 31.3



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



#77

Pyrene

Concen: 49.03 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.02 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

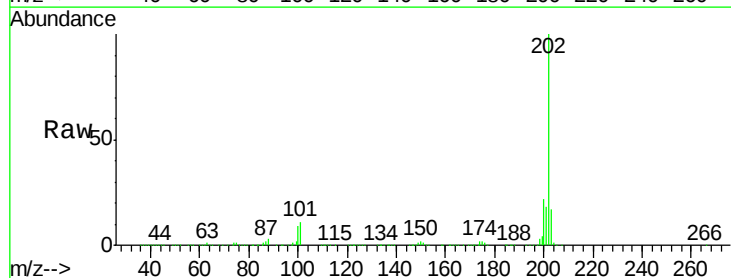
Tgt Ion:202 Resp: 1827388

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

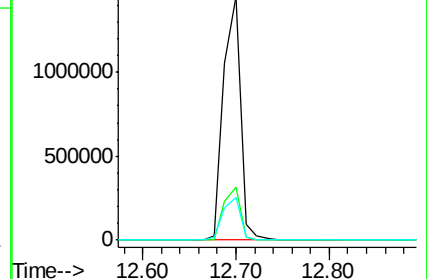
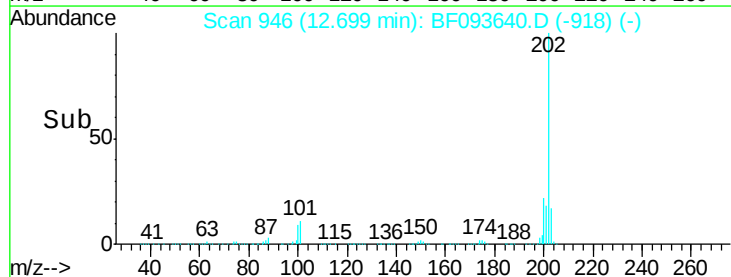
203 17.4 14.7 22.1

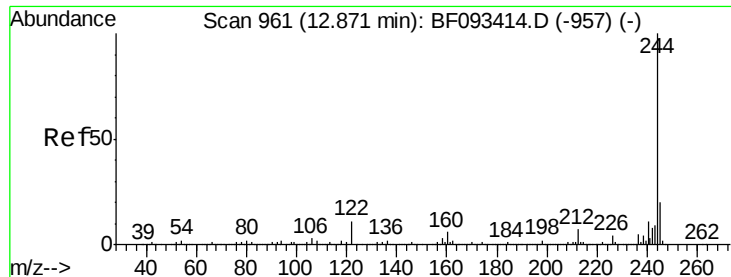


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

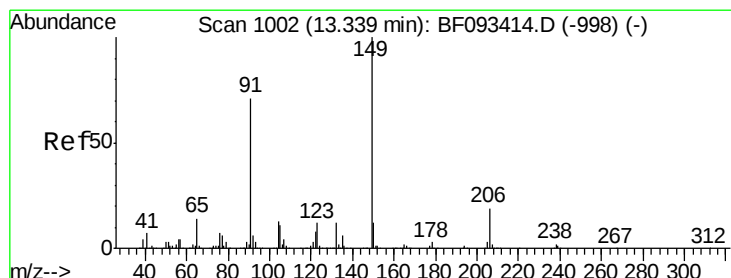
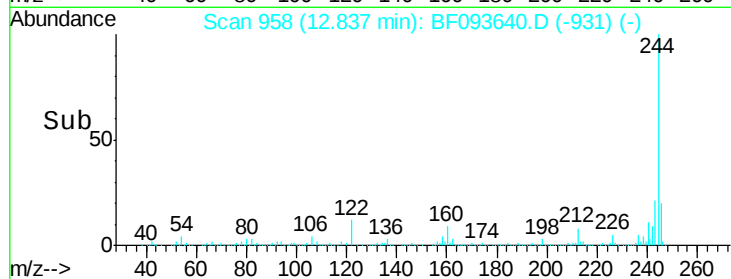
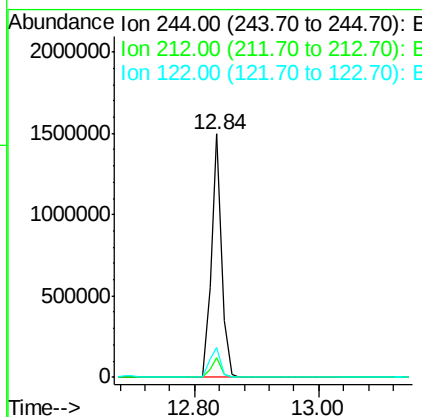
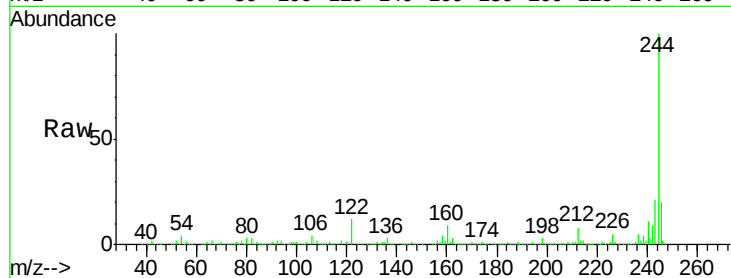




#78
 Terphenyl-d14
 Concen: 84.87 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

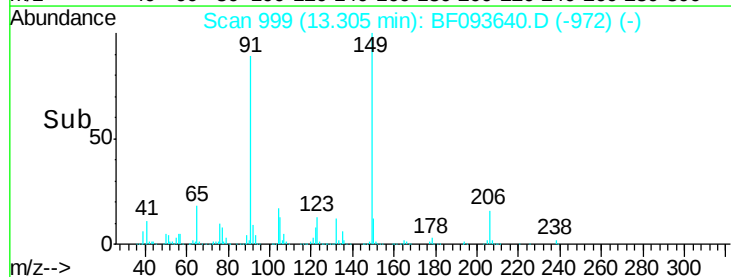
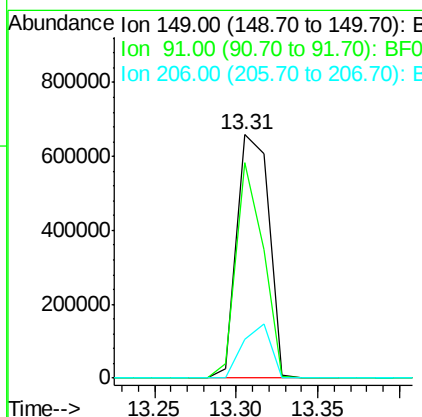
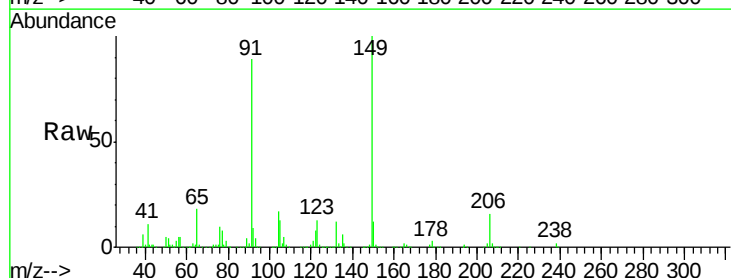
Instrument :
 BNA_F
 ClientSampleId :
 D-112MS

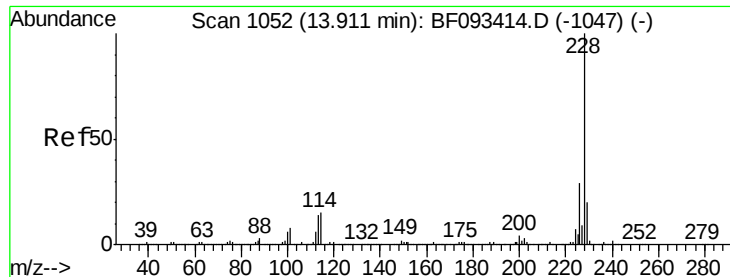
Tgt Ion:244 Resp: 1672804
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 12.3 11.4 17.2



#79
 Butylbenzylphthalate
 Concen: 56.98 ng
 RT: 13.31 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF093640.D
 Acq: 14 Mar 2017 6:39

Tgt Ion:149 Resp: 893980
 Ion Ratio Lower Upper
 149 100
 91 88.6 63.9 95.9
 206 16.2 14.6 21.8





#80

Benzo(a)anthracene

Concen: 47.59 ng

RT: 13.89 min Scan# 1050

Delta R.T. 0.02 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

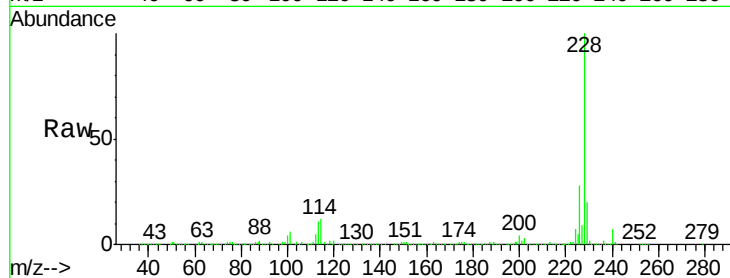
Tgt Ion:228 Resp: 1440238

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

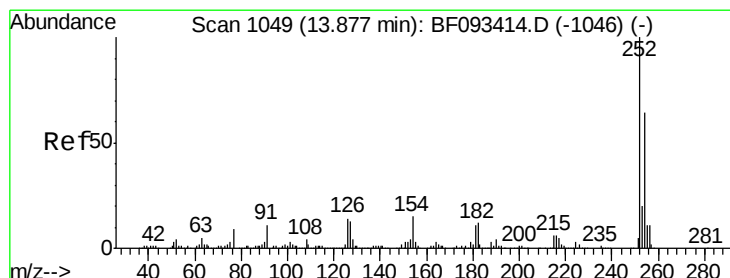
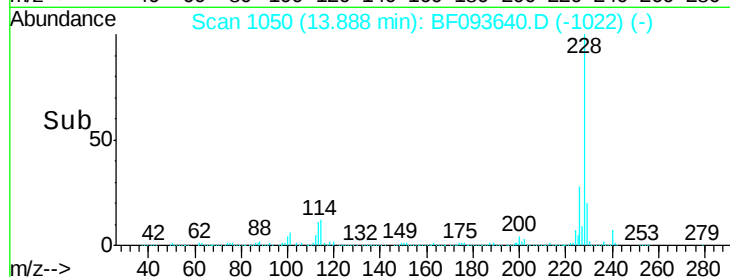
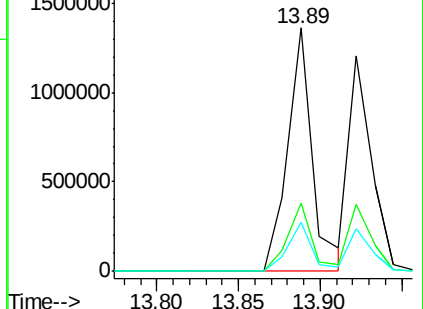
229 20.0 16.2 24.4



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



#81

3,3'-Dichlorobenzidine

Concen: 25.63 ng

RT: 13.85 min Scan# 1047

Delta R.T. 0.02 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

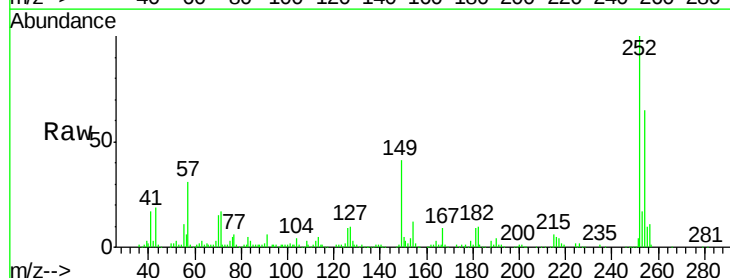
Tgt Ion:252 Resp: 271712

Ion Ratio Lower Upper

252 100

254 65.1 52.3 78.5

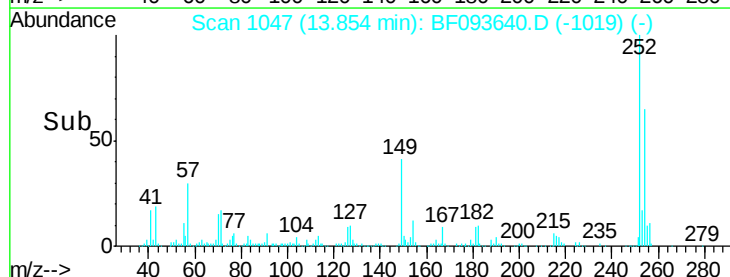
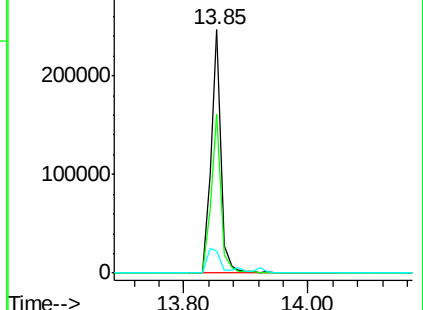
126 9.4 13.6 20.4#

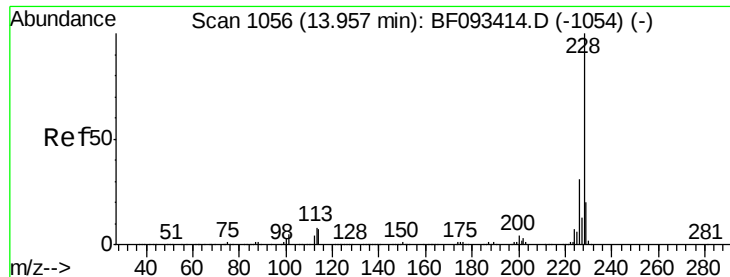


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.16 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

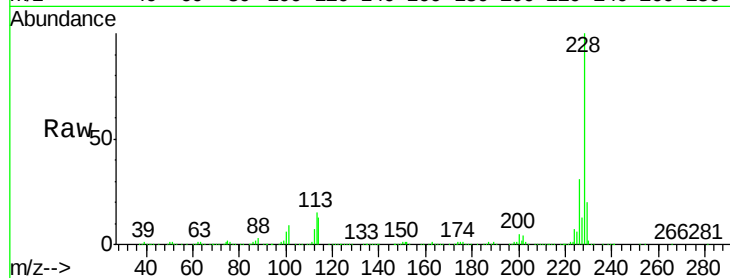
Tgt Ion:228 Resp: 1208415

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

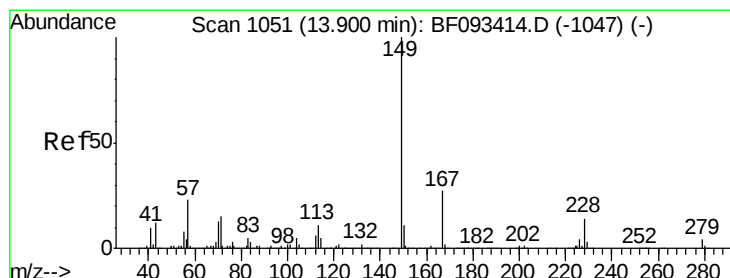
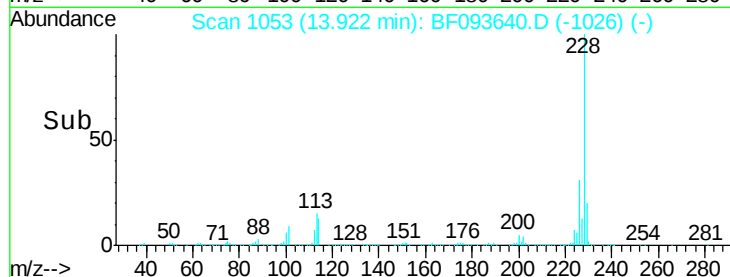
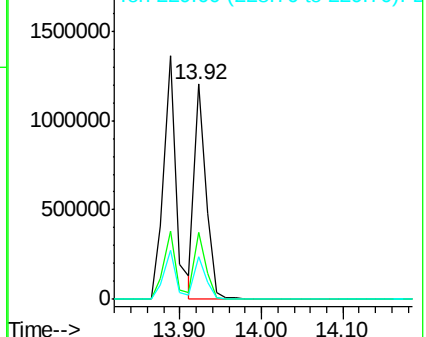
229 20.1 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 52.20 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

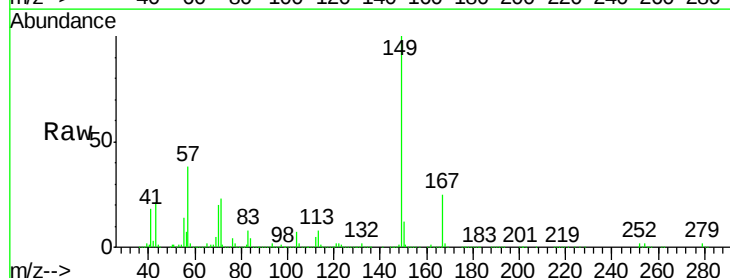
Tgt Ion:149 Resp: 1141543

Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.4

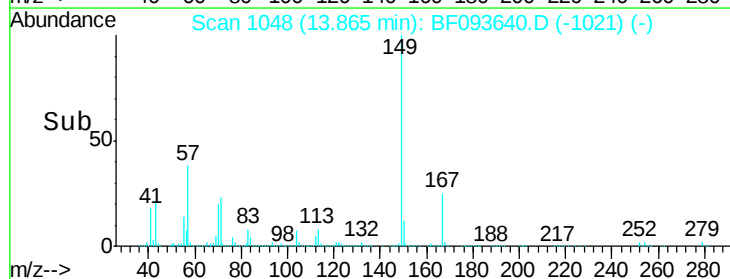
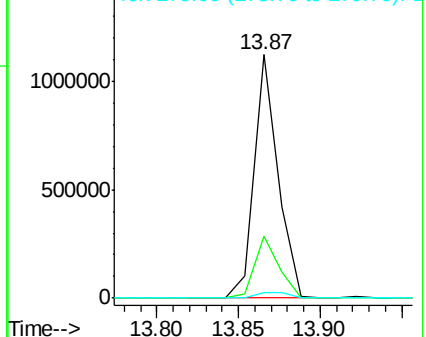
279 2.1 1.8 2.8

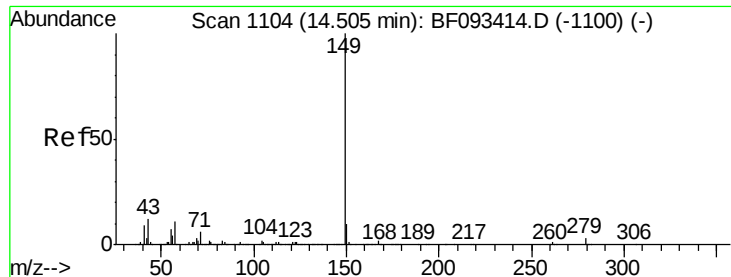


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 55.35 ng

RT: 14.48 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

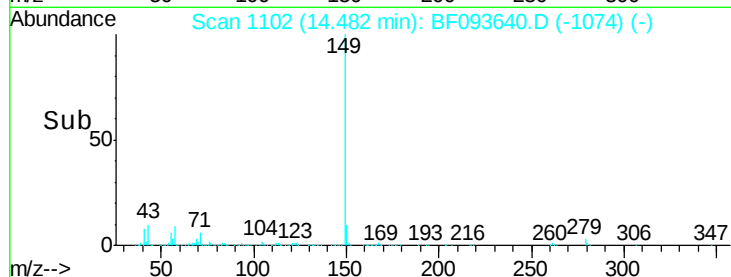
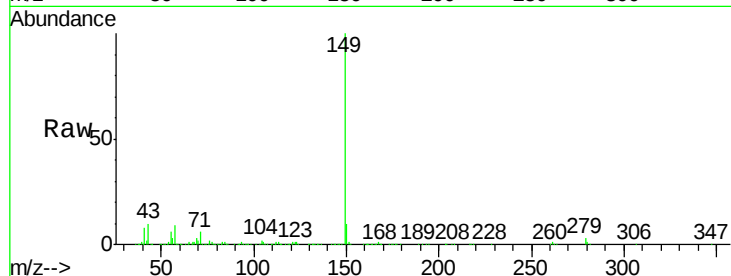
Tgt Ion:149 Resp: 2017412

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

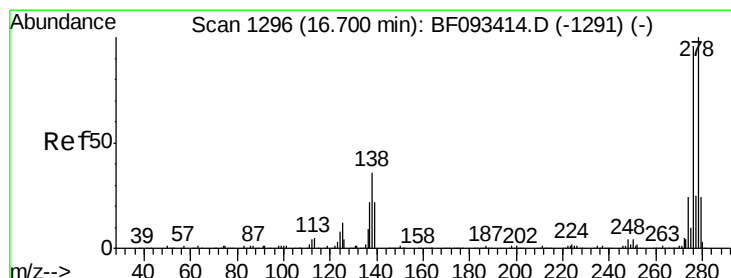
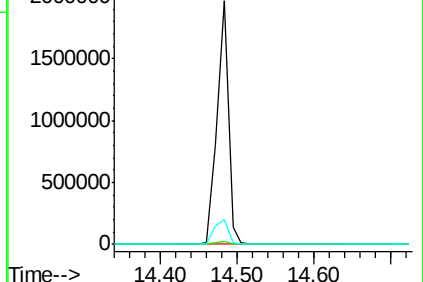
43 12.4 8.9 13.3



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: 42.52 ng

RT: 16.67 min Scan# 1293

Delta R.T. 0.05 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

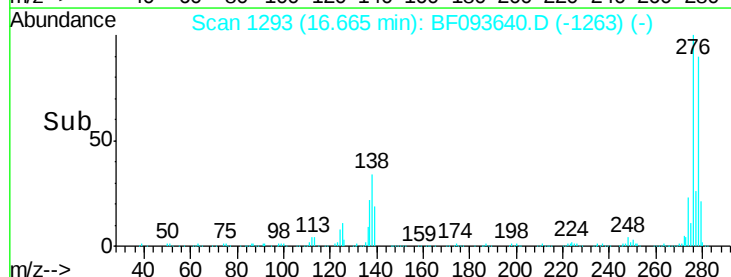
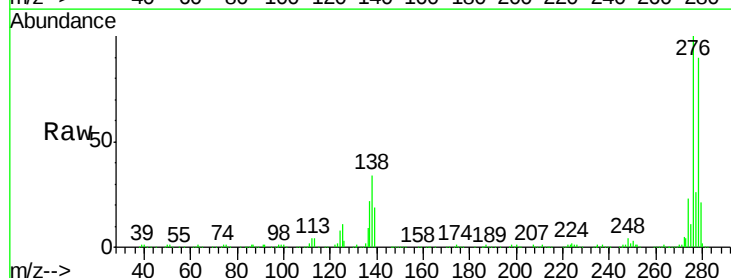
Tgt Ion:276 Resp: 996686

Ion Ratio Lower Upper

276 100

138 33.4 21.8 32.6#

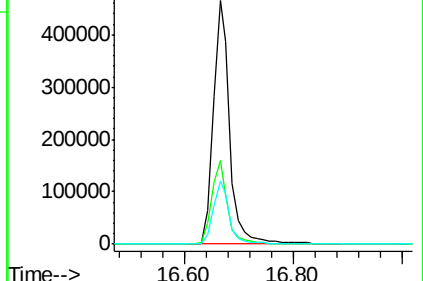
277 25.5 20.2 30.4

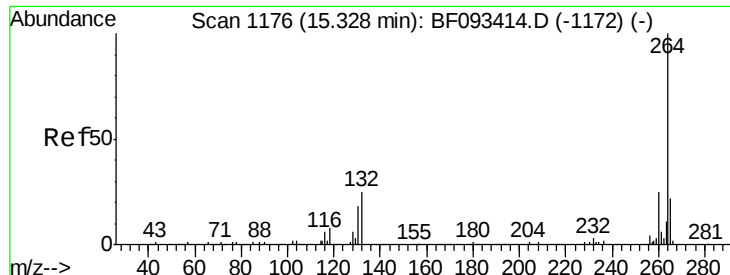


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

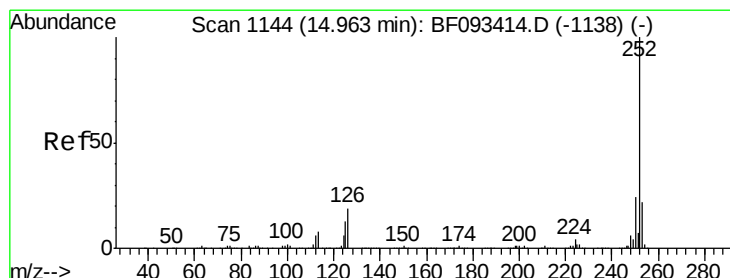
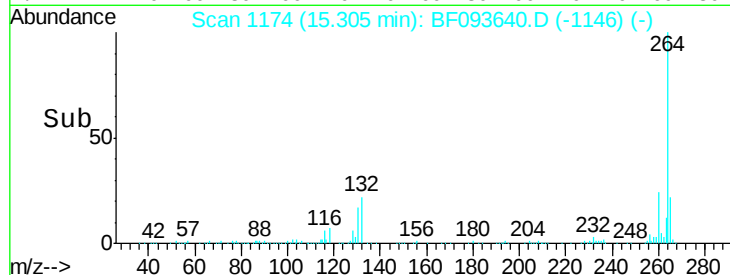
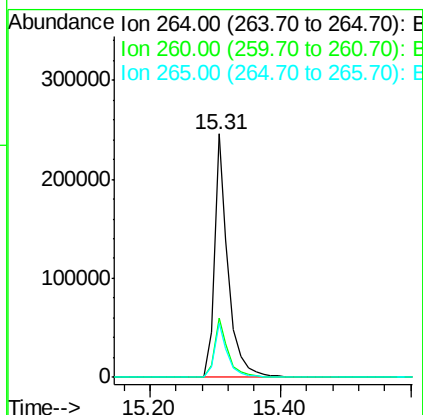
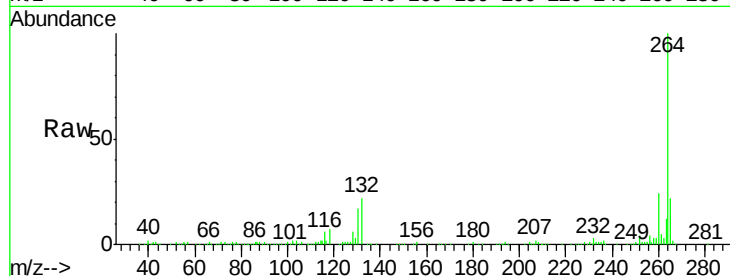




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

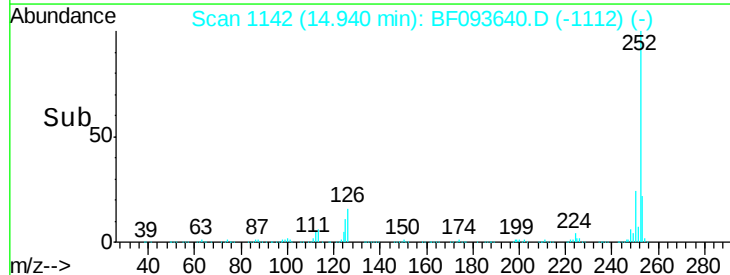
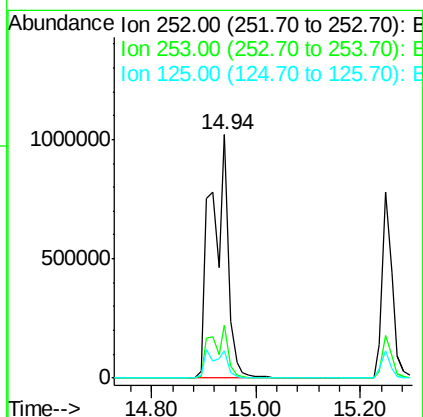
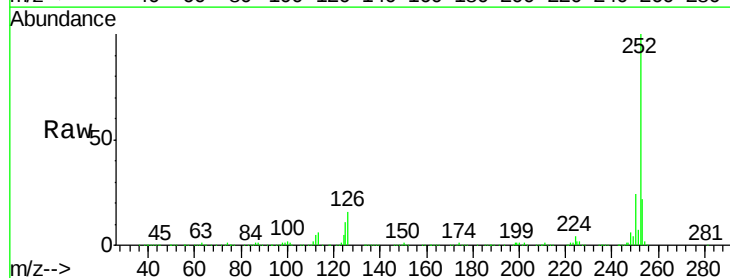
Instrument :
BNA_F
ClientSampleId :
D-112MS

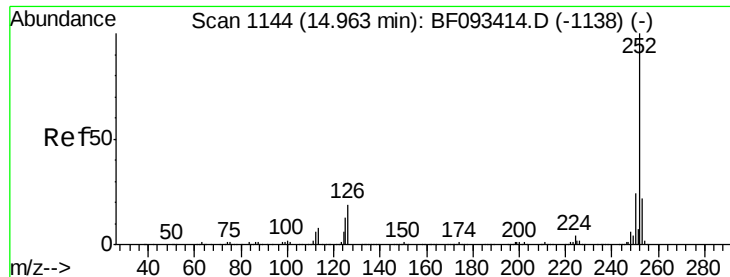
Tgt Ion:264 Resp: 360310
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.2 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 107.06 ng
RT: 14.94 min Scan# 1142
Delta R.T. 0.05 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion:252 Resp: 2349320
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 11.0 9.8 14.6





#88

Benzo(k)fluoranthene

Concen: 111.01 ng

RT: 14.94 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

Instrument :

BNA_F

ClientSampleId :

D-112MS

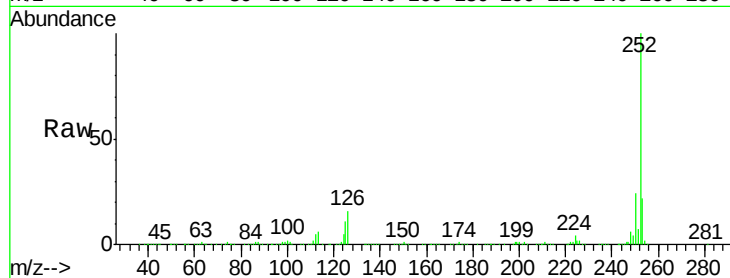
Tgt Ion:252 Resp: 2349320

Ion Ratio Lower Upper

252 100

253 21.8 18.5 27.7

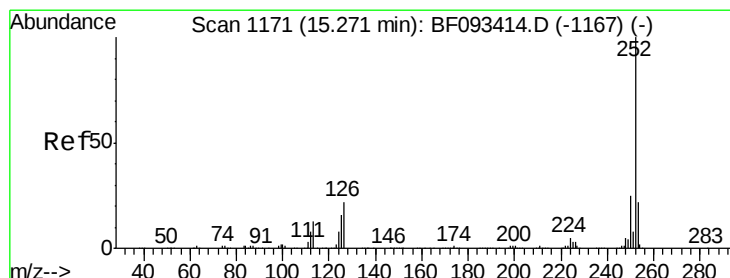
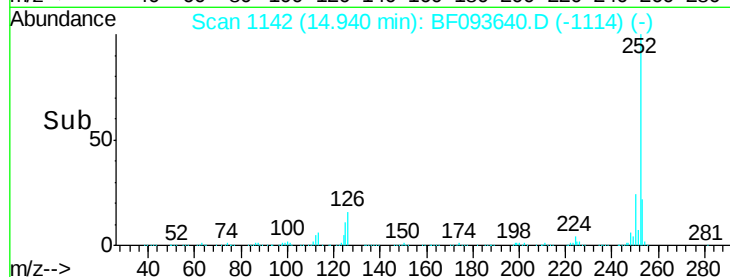
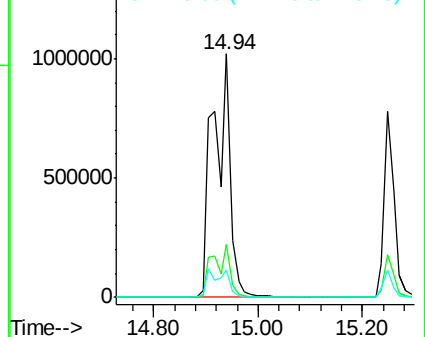
125 11.0 8.9 13.3



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: 52.21 ng

RT: 15.25 min Scan# 1169

Delta R.T. 0.02 min

Lab File: BF093640.D

Acq: 14 Mar 2017 6:39

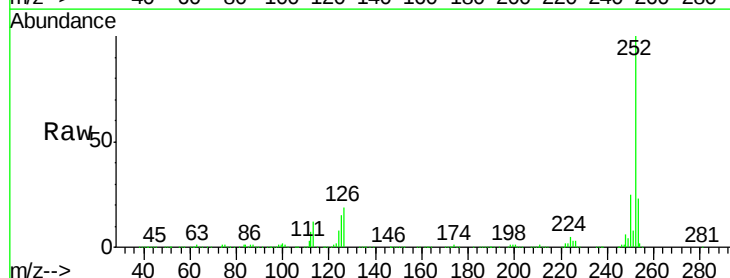
Tgt Ion:252 Resp: 1047095

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

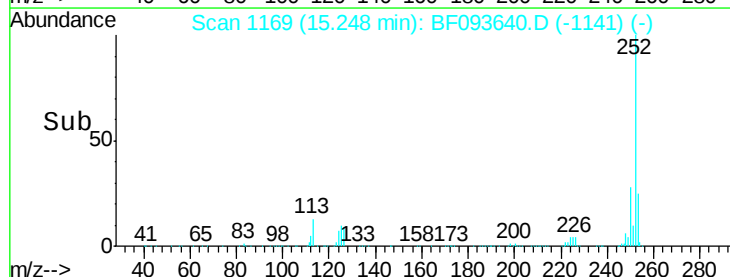
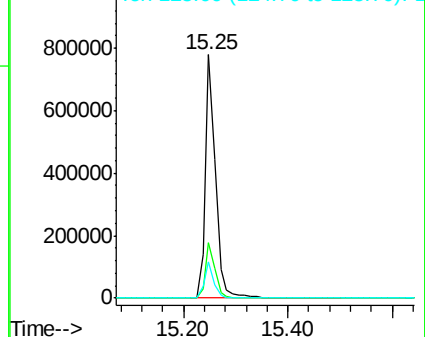
125 14.6 10.0 15.0

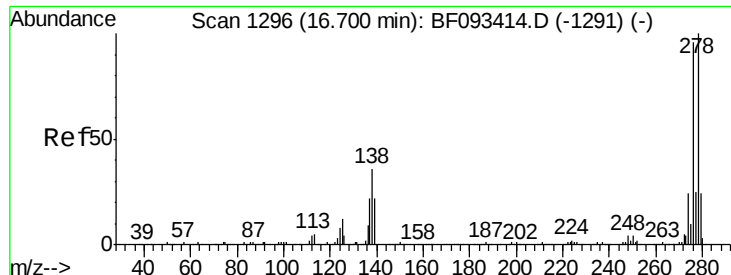


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



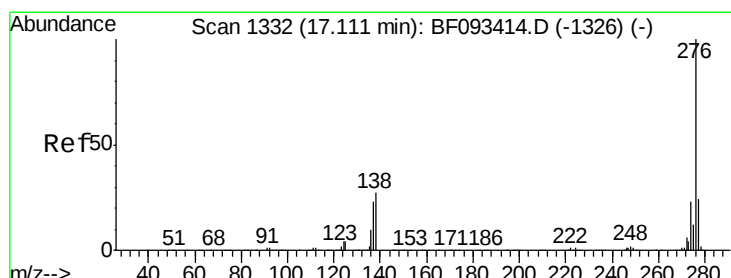
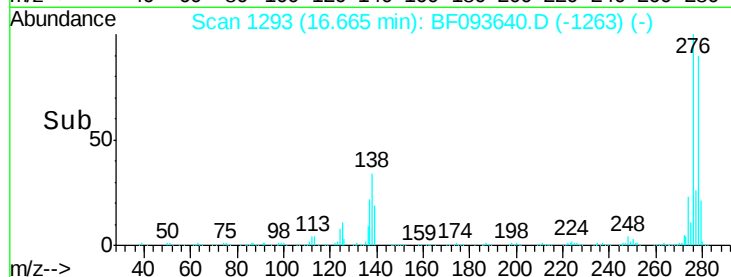
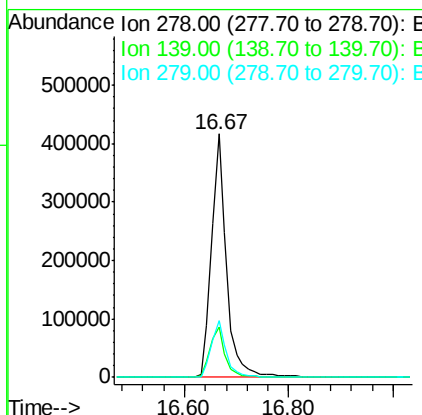
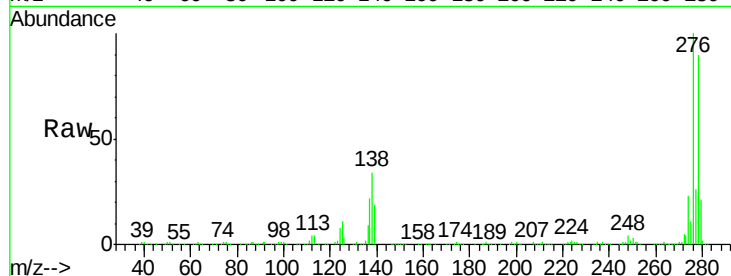


#90
Dibenzo(a,h)anthracene
Concen: 50.44 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Instrument :
BNA_F
ClientSampled :
D-112MS

Tgt Ion: 278 Resp: 836917

Ion	Ratio	Lower	Upper
278	100		
139	20.7	14.8	22.2
279	23.5	19.8	29.6



#91
Benzo(g,h,i)perylene
Concen: 51.97 ng
RT: 17.07 min Scan# 1328
Delta R.T. 0.05 min
Lab File: BF093640.D
Acq: 14 Mar 2017 6:39

Tgt Ion: 276 Resp: 885071

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	29.8	16.0	24.0

