

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093513.D
 Acq On : 10 Mar 2017 9:34
 Operator : SJ/MA
 Sample : I2132-06MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 10:36:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	567268	20.00	ng	0.14
21) Naphthalene-d8	8.04	136	745206	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	346755	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	599243	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	404183	20.00	ng	-0.01
86) Perylene-d12	15.32	264	368282	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	653335	19.17	ng	0.01
7) Phenol-d6	6.54	99	28213	0.66	ng	0.13
23) Nitrobenzene-d5	7.33	82	1205930	89.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	91756	40.61	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1614931	86.63	ng	-0.02
78) Terphenyl-d14	12.85	244	1341729	86.31	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	97939	5.22	ng	# 81
3) Pyridine	3.01	79	244141	5.10	ng	# 81
4) n-Nitrosodimethylamine	2.96	42	121864	5.33	ng	84
6) Aniline	6.49	93	548465	9.30	ng	# 22
8) 2-Chlorophenol	6.54	128	405965	10.63	ng	86
9) Benzaldehyde	6.34	77	8503	Below Cal		91
10) Phenol	6.44	94	158621	3.01	ng	99
11) bis(2-Chloroethyl)ether	6.49	93	548465	12.88	ng	99
12) 1,3-Dichlorobenzene	6.77	146	531142	12.15	ng	# 94
13) 1,4-Dichlorobenzene	6.92	146	482707	10.79	ng	97
14) 1,2-Dichlorobenzene	6.92	146	482707	12.18	ng	96
15) Benzyl Alcohol	6.92	79	290349	9.48	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.03	45	948684	13.42	ng	99
17) 2-Methylphenol	7.20	107	208444	6.45	ng	# 77
18) Hexachloroethane	7.26	117	140926	9.34	ng	# 89
19) n-Nitroso-di-n-propylamine	7.18	70	432464	14.64	ng	94
22) Acetophenone	7.17	105	728961	40.65	ng	# 99
24) Nitrobenzene	7.35	77	650401	43.09	ng	# 89
25) Isophorone	7.58	82	1107379	40.89	ng	94
26) 2-Nitrophenol	7.67	139	56263	8.17	ng	93
27) 2,4-Dimethylphenol	7.72	122	242532	21.65	ng	92
28) bis(2-Chloroethoxy)methane	7.80	93	755683	44.20	ng	99
29) 2,4-Dichlorophenol	7.91	162	353700	33.56	ng	84
30) 1,2,4-Trichlorobenzene	7.98	180	419667	37.44	ng	94
31) Naphthalene	8.06	128	1455570	38.98	ng	99
32) Benzoic acid	7.72	122	242532	41.66	ng	# 10
33) 4-Chloroaniline	8.12	127	584357	38.56	ng	# 92
34) Hexachlorobutadiene	8.17	225	213659	37.01	ng	100
35) Caprolactam	8.48	113	21121	5.87	ng	# 30
36) 4-Chloro-3-methylphenol	8.62	107	277942	24.71	ng	95
37) 2-Methylnaphthalene	8.74	142	905391	38.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	418863	44.24	ng	98
42) 2,4,6-Trichlorophenol	9.04	196	130193	22.01	ng	91
43) 2,4,5-Trichlorophenol	9.09	196	145581	22.93	ng	# 87

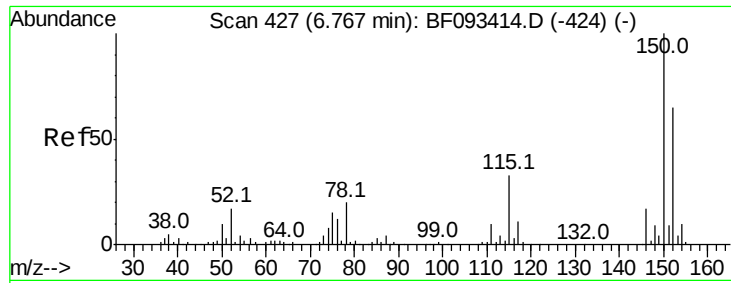
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.21	154	1188511	47.05	nq	98
46) 2-Chloronaphthalene	9.24	162	876106	45.31	nq	95
47) 2-Nitroaniline	9.35	65	389834	57.03	nq	97
48) Acenaphthylene	9.65	152	1341741	42.08	nq	99
49) Dimethylphthalate	9.52	163	962485	41.87	nq	99
50) 2,6-Dinitrotoluene	9.59	165	241867	47.95	nq	# 84
51) Acenaphthene	9.82	154	802880	42.58	nq	96
52) 3-Nitroaniline	9.76	138	258823	42.71	nq	98
54) Dibenzofuran	9.99	168	1188466	50.35	nq	99
55) 4-Nitrophenol	9.99	139	455043	154.59	nq	# 5
56) 2,4-Dinitrotoluene	10.00	165	61184	9.87	nq	# 66
57) Fluorene	10.33	166	847975	42.40	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	53490	11.94	nq	# 74
59) Diethylphthalate	10.21	149	946184	43.07	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	410429	45.78	nq	97
61) 4-Nitroaniline	10.38	138	295759	47.72	nq	95
62) Azobenzene	10.48	77	1239065	49.63	nq	93
65) n-Nitrosodiphenylamine	10.45	169	786780	39.32	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	249254	39.33	nq	99
67) Hexachlorobenzene	10.88	284	237410	39.24	nq	# 76
68) Atrazine	10.98	200	302613	51.67	nq	96
70) Phenanthrene	11.29	178	1271242	37.17	nq	100
71) Anthracene	11.35	178	1465911	42.37	nq	99
72) Carbazole	11.51	167	1200247	36.93	nq	99
73) Di-n-butylphthalate	11.83	149	1465741	38.98	nq	98
74) Fluoranthene	12.48	202	1165722	35.28	nq	99
76) Benzidine	12.62	184	2046675	153.99	nq	96
77) Pylene	12.71	202	1155371	39.30	nq	99
79) Butylbenzylphthalate	13.33	149	524591	42.39	nq	87
80) Benzo(a)anthracene	13.90	228	898847	37.66	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	363003	43.42	nq	# 95
82) Chrysene	13.93	228	835150	37.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	761445	44.15	nq	# 99
84) Di-n-octyl phthalate	14.49	149	1180906	41.08	nq	96
85) Indeno(1,2,3-cd)pyrene	16.69	276	906873	49.06	nq	# 94
87) Benzo(b)fluoranthene	14.95	252	1761589	78.54	nq	99
88) Benzo(k)fluoranthene	14.95	252	1761589	81.44	nq	98
89) Benzo(a)pyrene	15.26	252	867716	42.33	nq	# 96
90) Dibenzo(a,h)anthracene	16.69	278	768980	45.34	nq	97
91) Benzo(g,h,i)perylene	17.09	276	770609	44.27	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 439

Delta R.T. 0.14 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

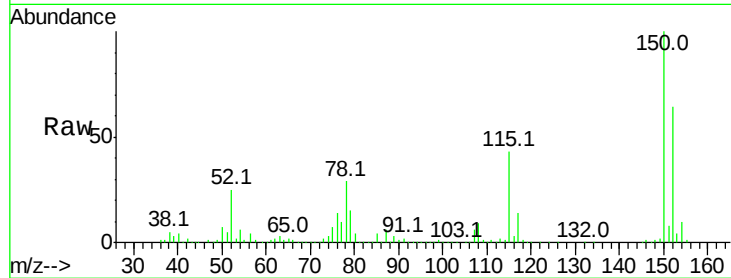
Tot Ion:152 Resp: 567268

Ion Ratio Lower Upper

152 100

150 155.8 124.9 187.3

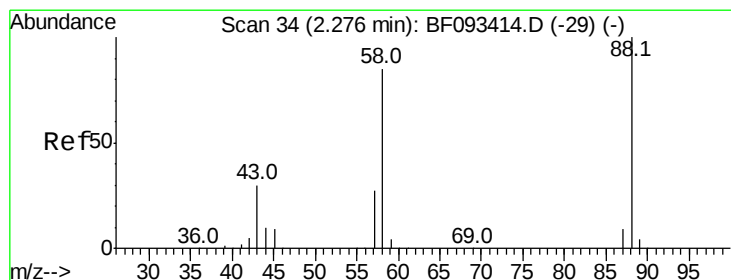
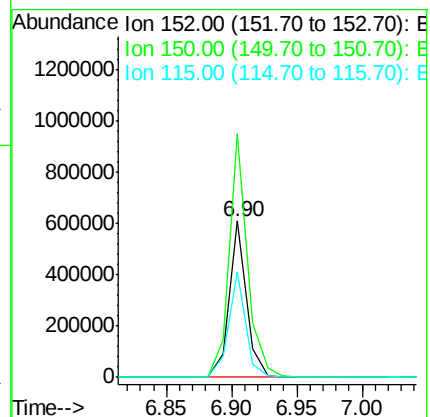
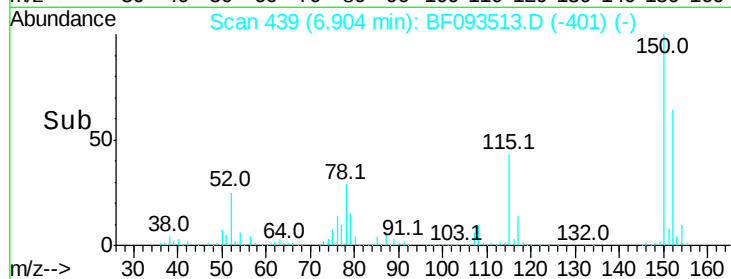
115 67.2 46.0 69.0



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



#2

1,4-Dioxane

Concen: 5.22 ng

RT: 2.30 min Scan# 36

Delta R.T. 0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

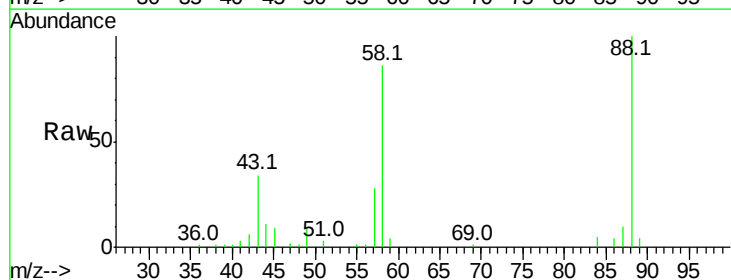
Tgt Ion: 88 Resp: 97939

Ion Ratio Lower Upper

88 100

58 89.9 57.8 86.8#

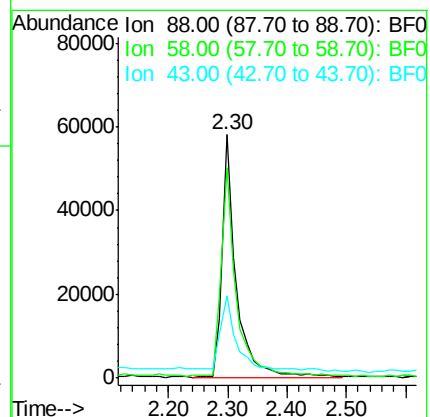
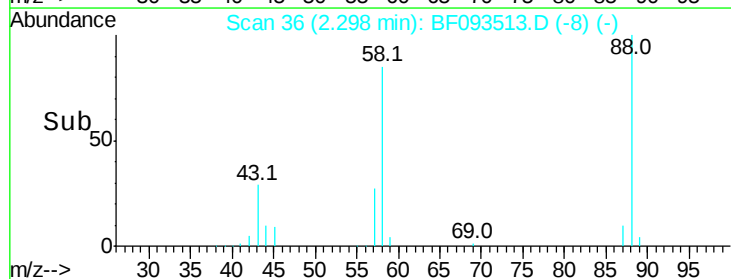
43 35.6 22.3 33.5#

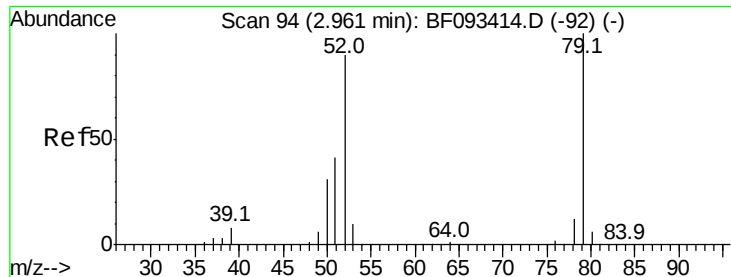


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 5.10 ng

RT: 3.01 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

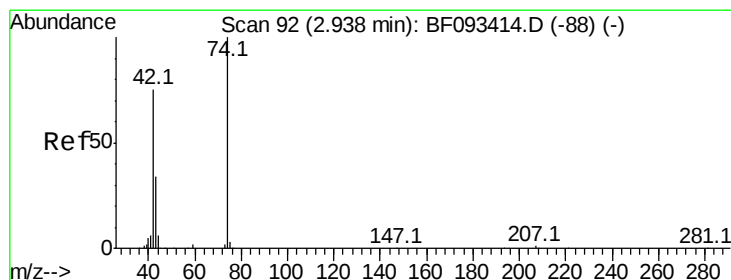
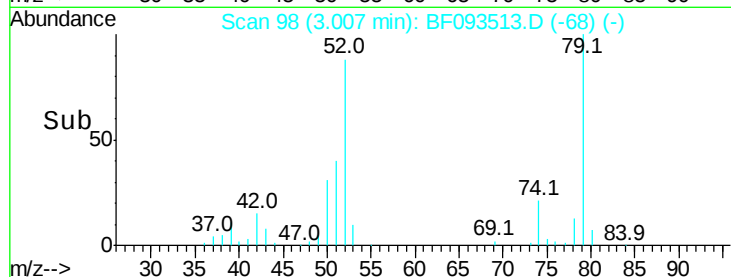
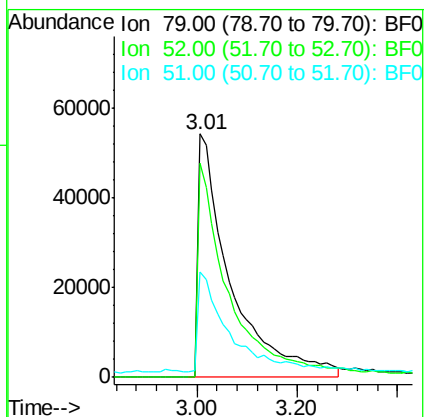
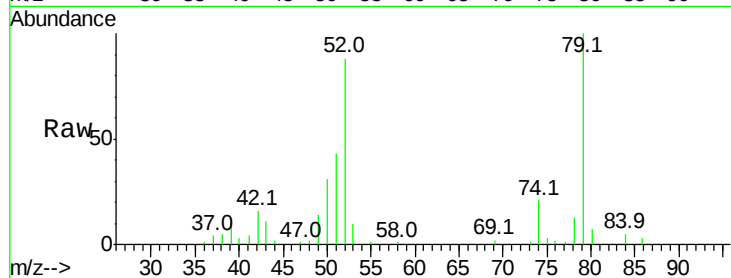
Tot Ion: 79 Resp: 244141

Ion Ratio Lower Upper

79 100

52 87.9 57.1 85.7#

51 43.1 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 5.33 ng

RT: 2.96 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

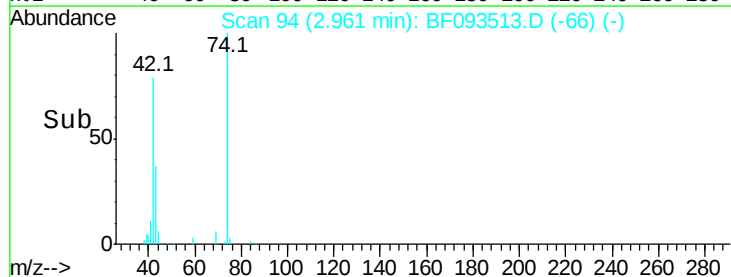
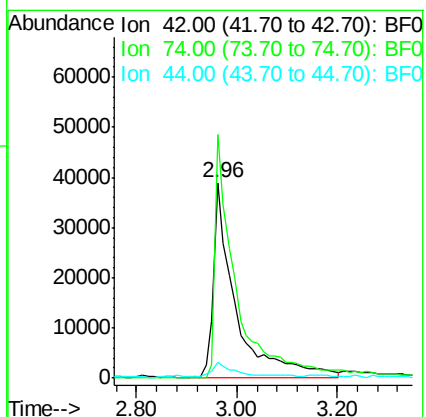
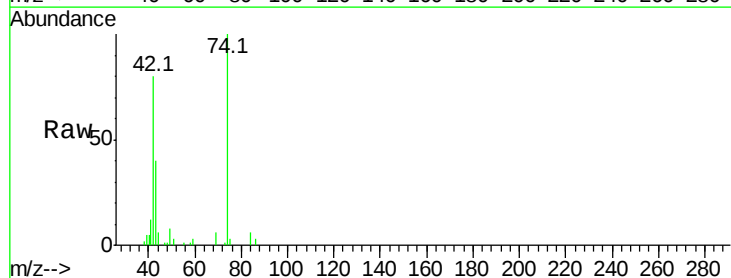
Tgt Ion: 42 Resp: 121864

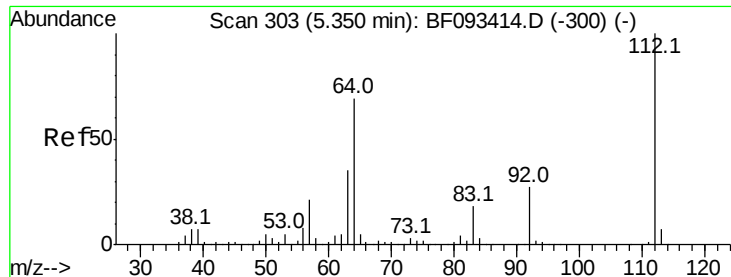
Ion Ratio Lower Upper

42 100

74 124.9 117.0 175.4

44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 19.17 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampled :

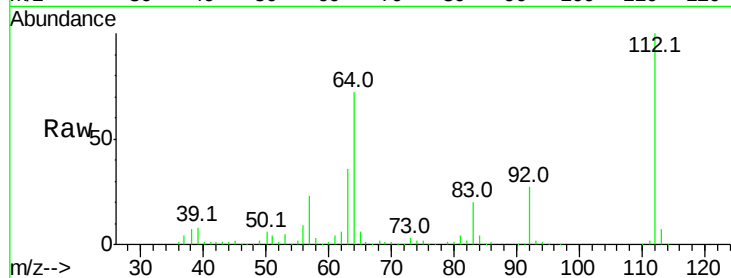
Tot Ion:112 Resp: 653335

Ion Ratio Lower Upper

112 100

64 71.8 46.1 69.1#

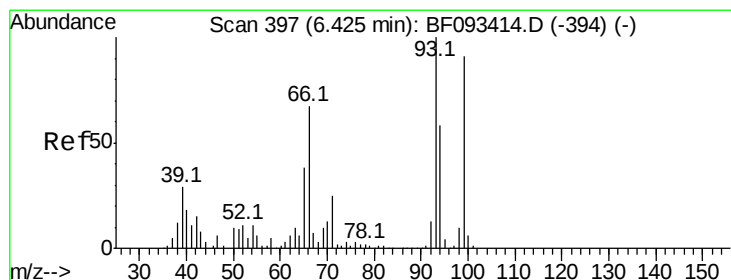
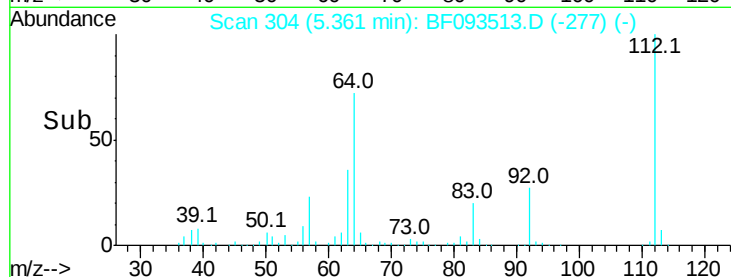
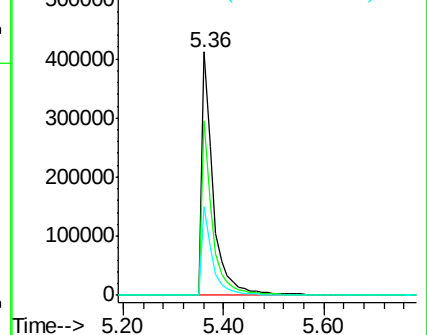
63 36.3 23.8 35.6#



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: 9.30 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.07 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

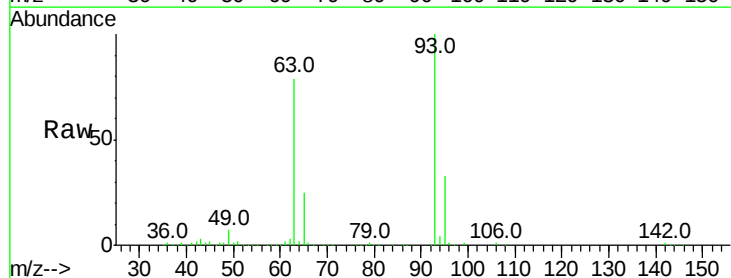
Tgt Ion: 93 Resp: 548465

Ion Ratio Lower Upper

93 100

66 0.8 76.2 114.2#

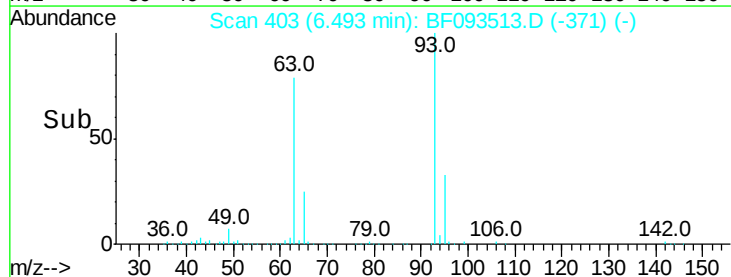
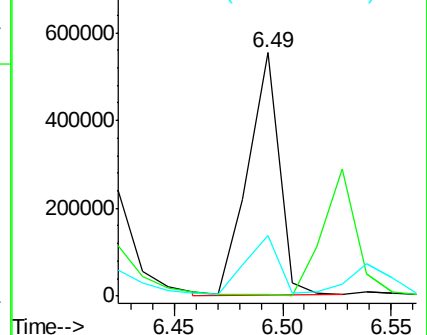
65 25.0 49.3 73.9#

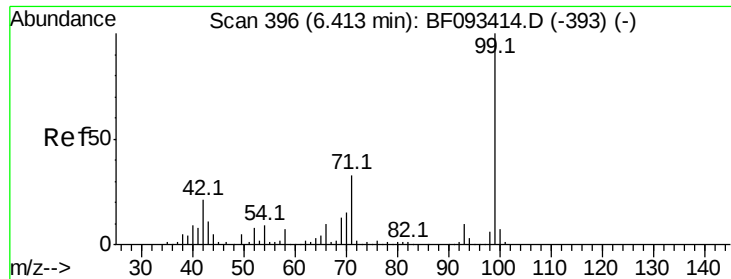


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 0.66 ng

RT: 6.54 min Scan# 407

Delta R.T. 0.13 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampled :

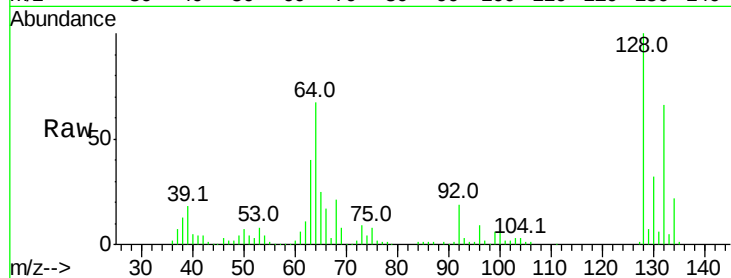
Tot Ion: 99 Resp: 28213

Ion Ratio Lower Upper

99 100

42 65.1 15.6 23.4#

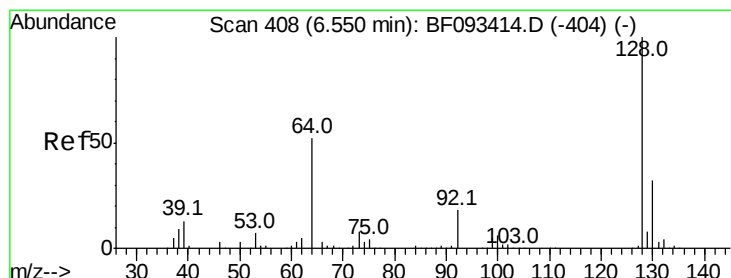
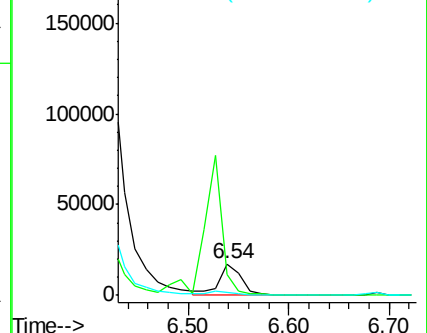
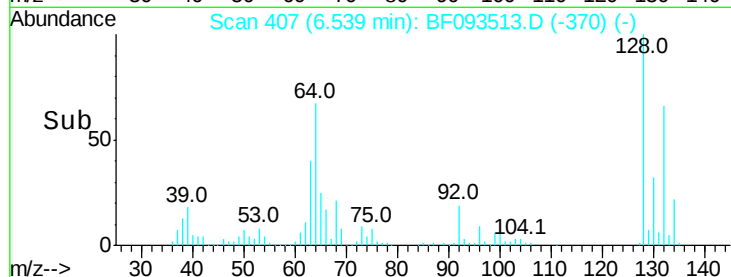
71 7.5 27.5 41.3#



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: 10.63 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

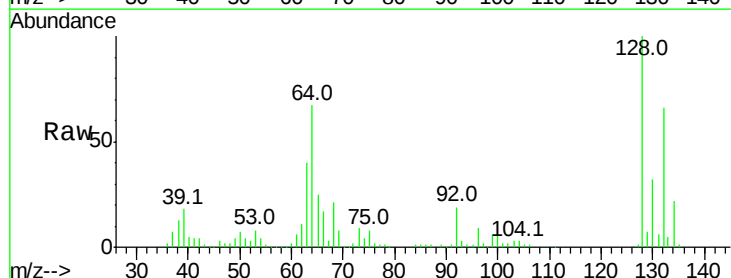
Tgt Ion:128 Resp: 405965

Ion Ratio Lower Upper

128 100

130 31.7 12.3 52.3

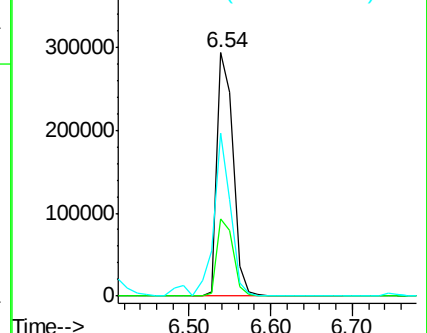
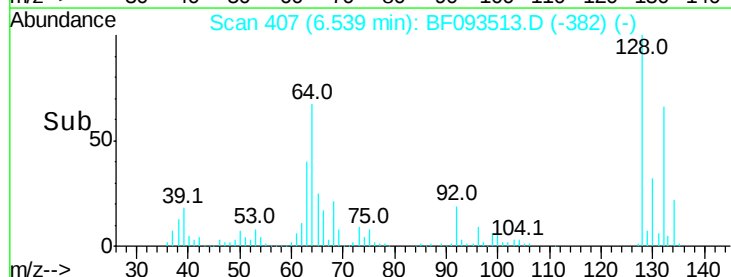
64 67.2 32.2 72.2

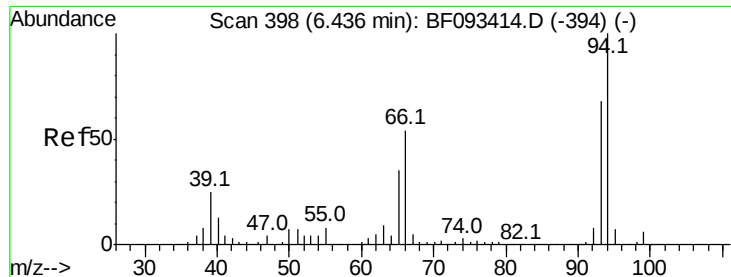


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

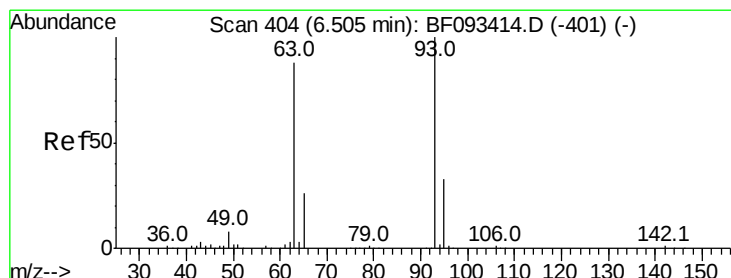
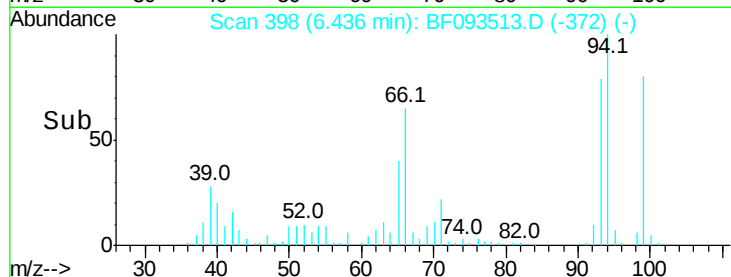
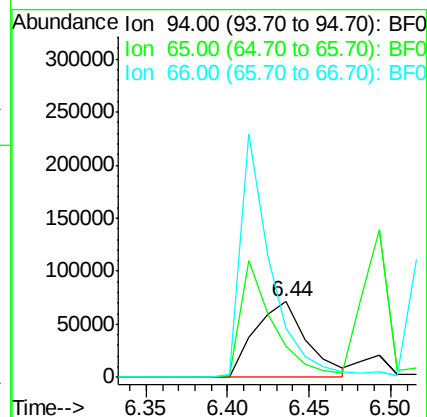
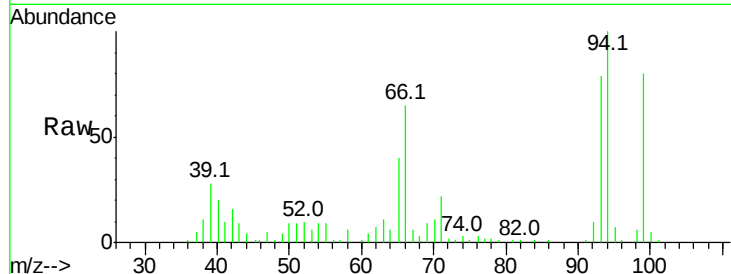




#10
Phenol
Concen: 3.01 ng
RT: 6.44 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

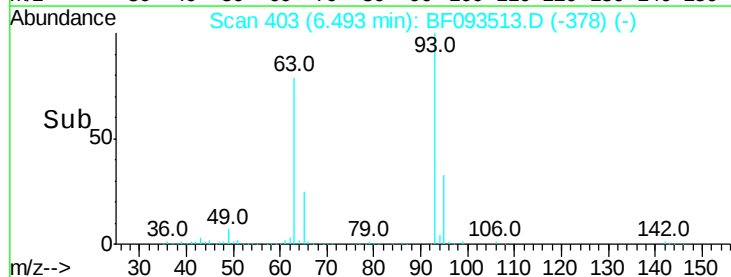
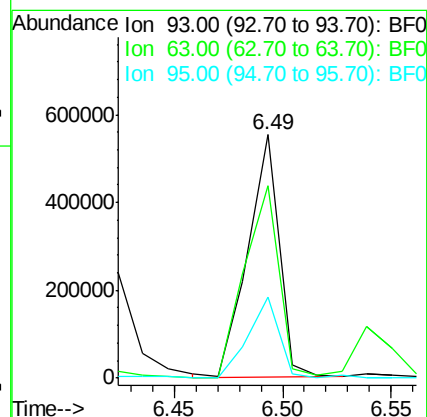
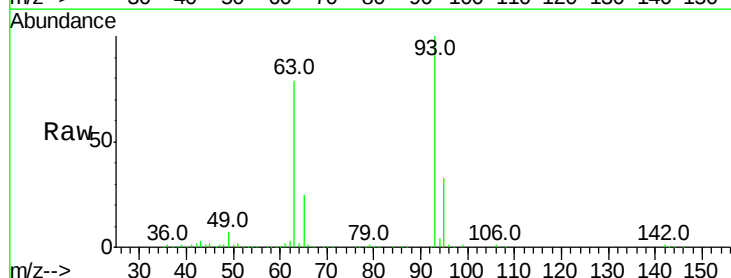
Instrument :
BNA_F
ClientSampled :

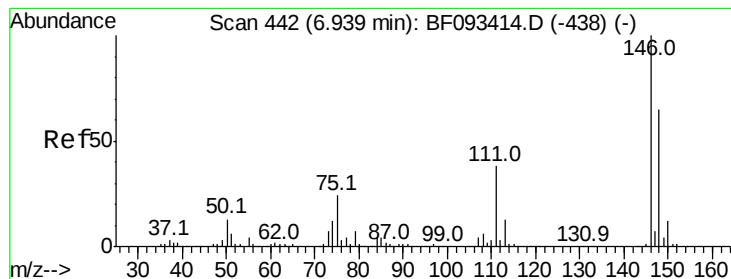
Tot Ion: 94 Resp: 158621
Ion Ratio Lower Upper
94 100
65 40.5 21.4 61.4
66 64.8 44.0 84.0



#11
bis(2-Chloroethyl)ether
Concen: 12.88 ng
RT: 6.49 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion: 93 Resp: 548465
Ion Ratio Lower Upper
93 100
63 79.3 60.4 100.4
95 33.2 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 12.15 ng

RT: 6.77 min Scan# 427

Delta R.T. 0.07 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

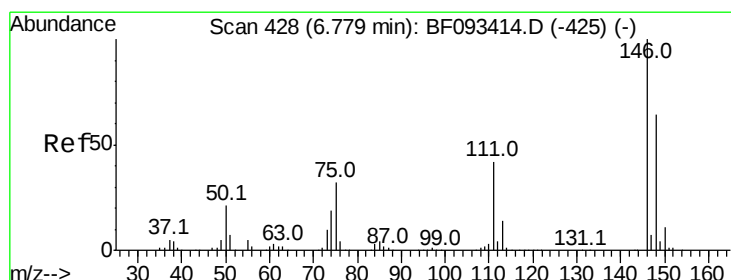
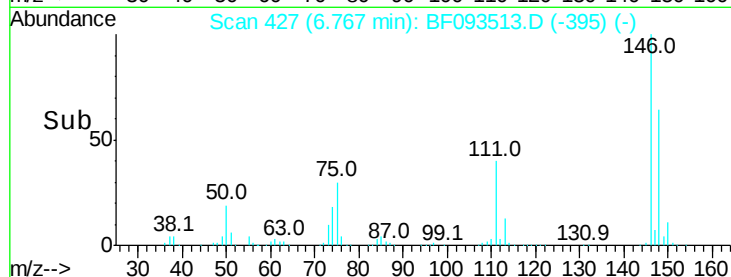
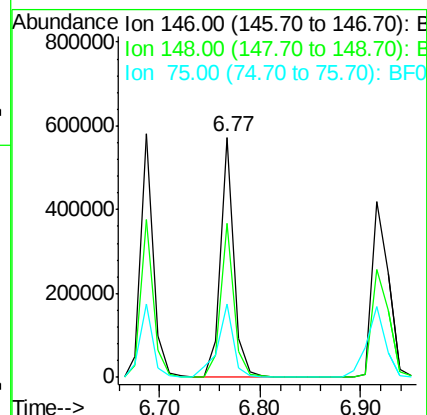
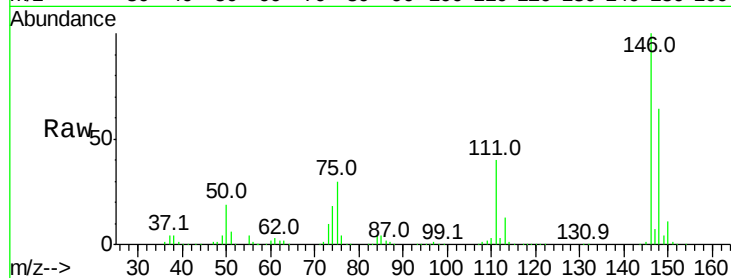
Tot Ion:146 Resp: 531142

Ion Ratio Lower Upper

146 100

148 64.4 53.4 80.0

75 30.3 18.5 27.7#



#13

1,4-Dichlorobenzene

Concen: 10.79 ng

RT: 6.92 min Scan# 440

Delta R.T. 0.14 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

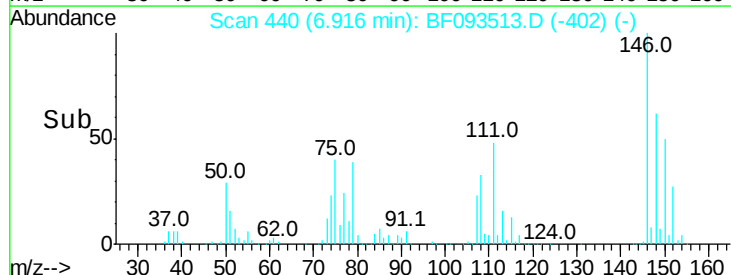
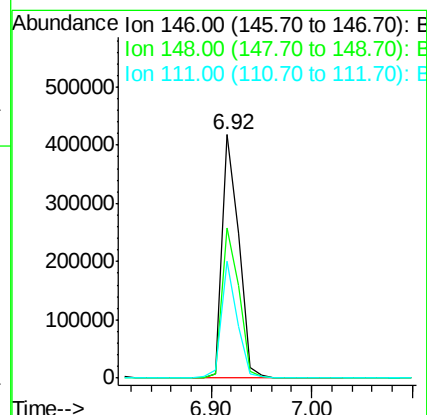
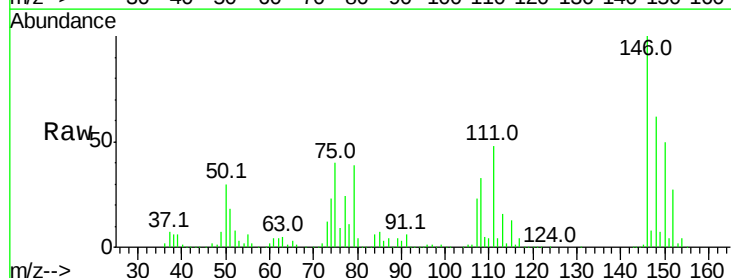
Tgt Ion:146 Resp: 482707

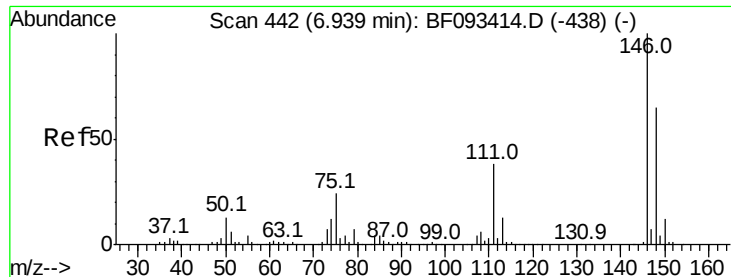
Ion Ratio Lower Upper

146 100

148 61.8 50.6 76.0

111 47.9 36.2 54.4





#14

1,2-Dichlorobenzene

Concen: 12.18 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampled :

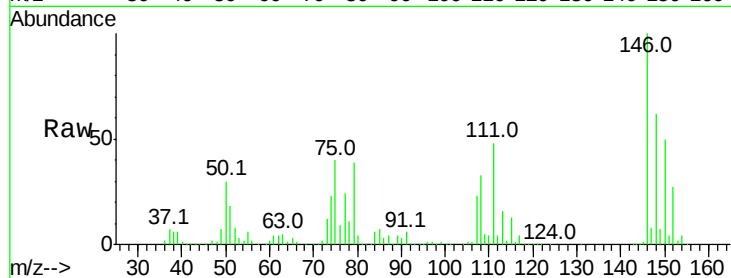
Tot Ion:146 Resp: 482707

Ion Ratio Lower Upper

146 100

148 61.8 52.2 78.2

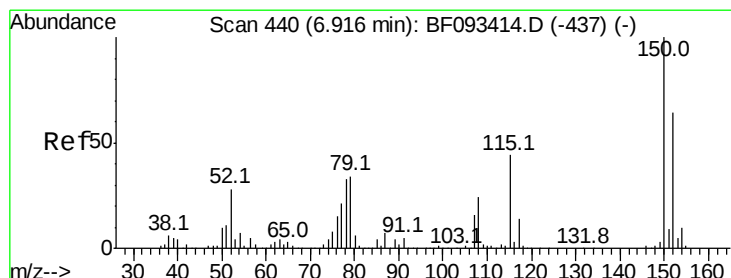
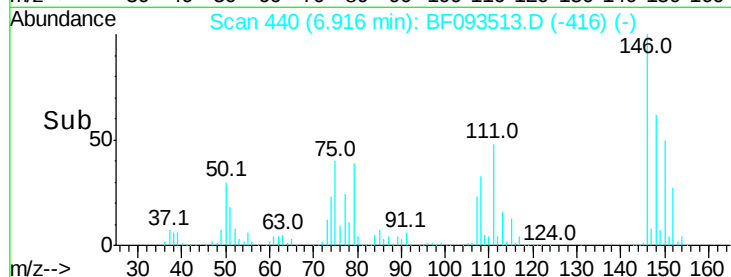
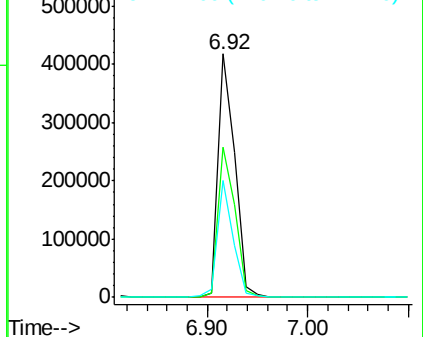
111 47.9 36.2 54.2



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: 9.48 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

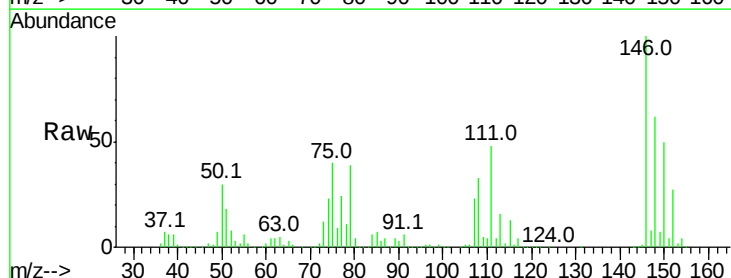
Tgt Ion: 79 Resp: 290349

Ion Ratio Lower Upper

79 100

108 85.2 61.4 92.0

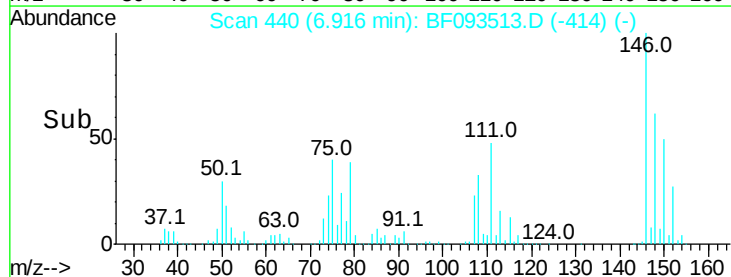
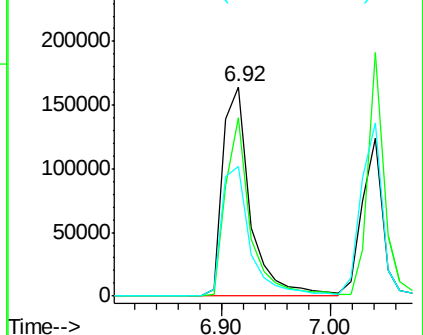
77 62.1 50.9 76.3

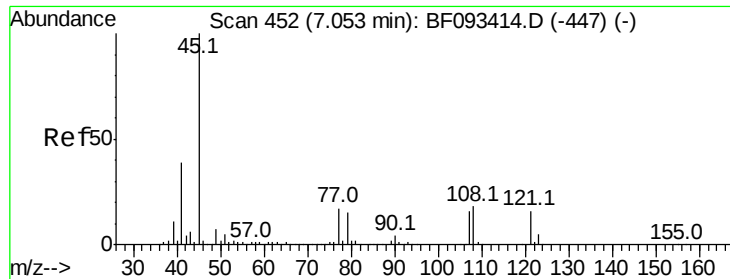


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

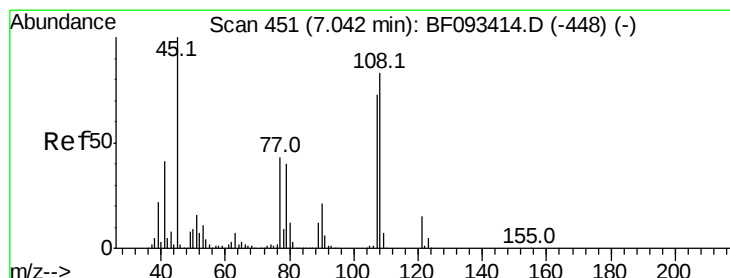
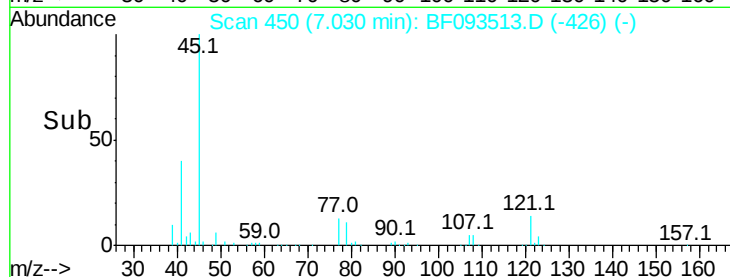
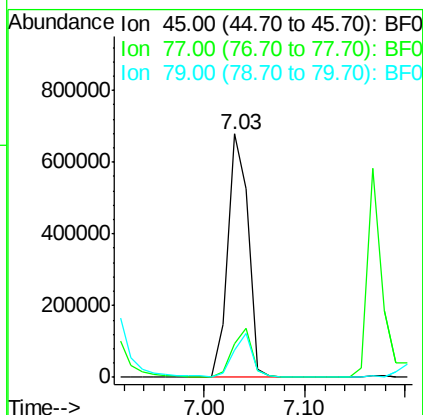
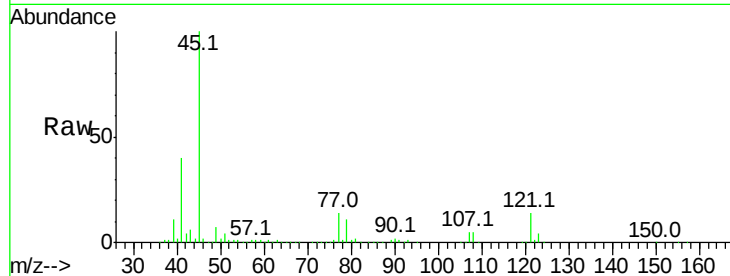




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 13.42 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

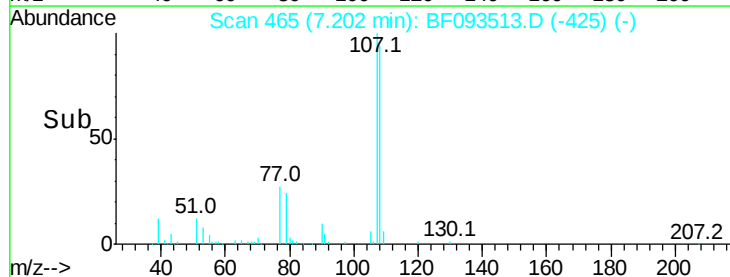
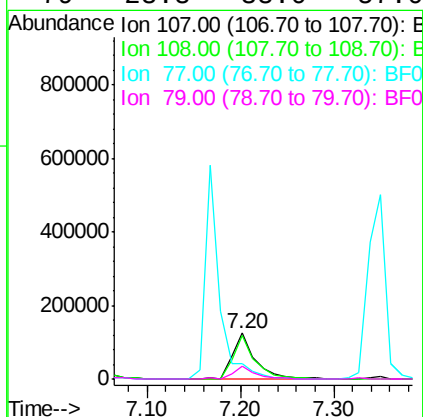
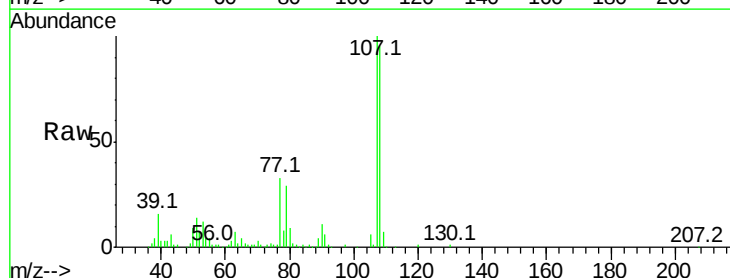
Instrument :
BNA_F
ClientSampleId :

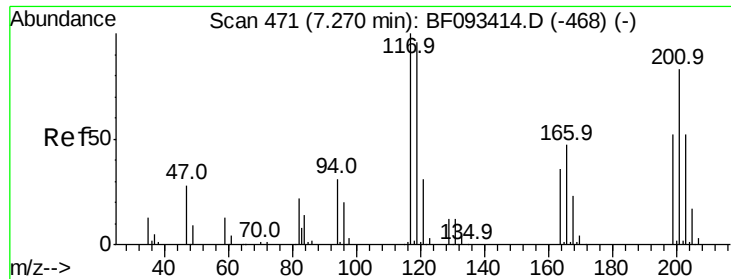
Tot Ion: 45 Resp: 948684
Ion Ratio Lower Upper
45 100
77 13.7 0.0 34.6
79 11.0 0.0 31.2



#17
2-Methylphenol
Concen: 6.45 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.16 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:107 Resp: 208444
Ion Ratio Lower Upper
107 100
108 94.6 93.0 139.6
77 33.3 39.8 59.8#
79 28.8 38.0 57.0#

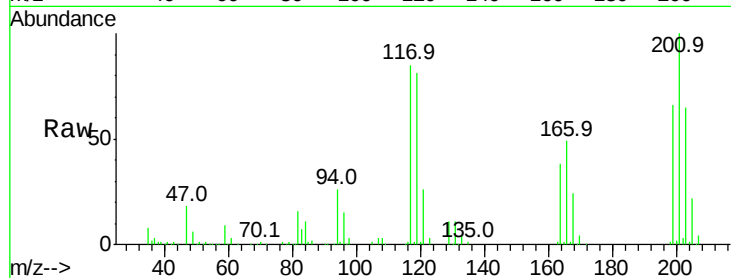




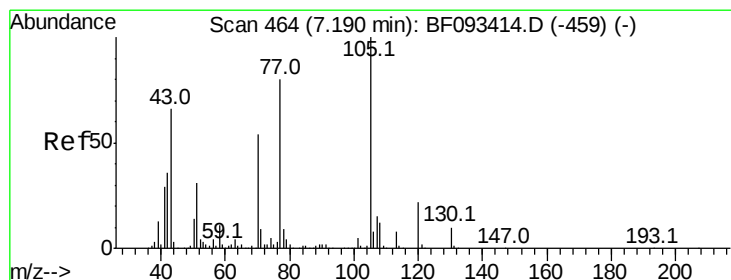
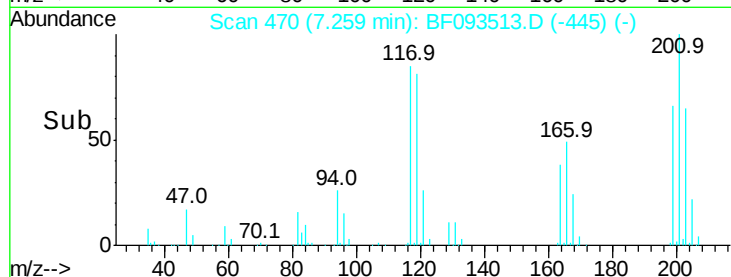
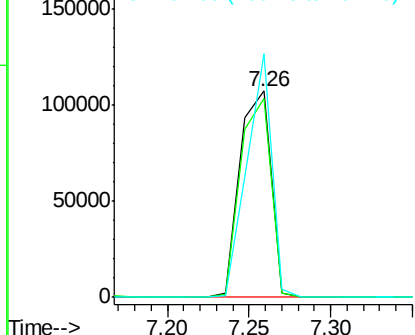
#18
Hexachloroethane
Concen: 9.34 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 140926
Ion Ratio Lower Upper
117 100
119 96.1 78.1 117.1
201 117.9 78.6 117.8#

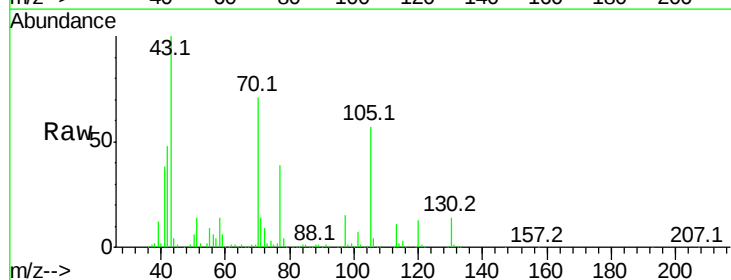


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

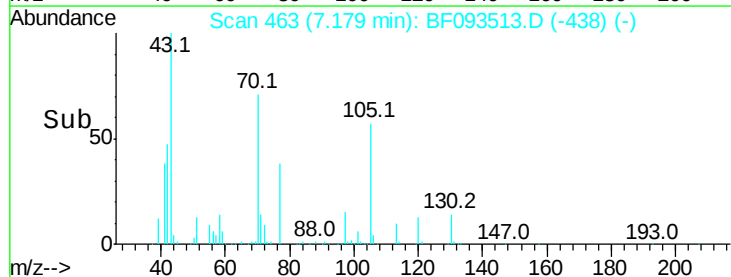
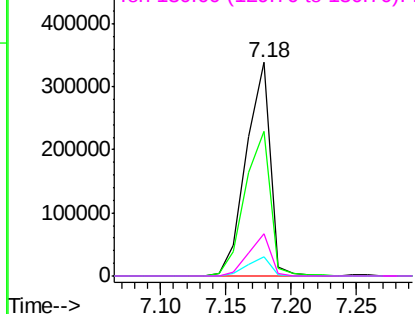


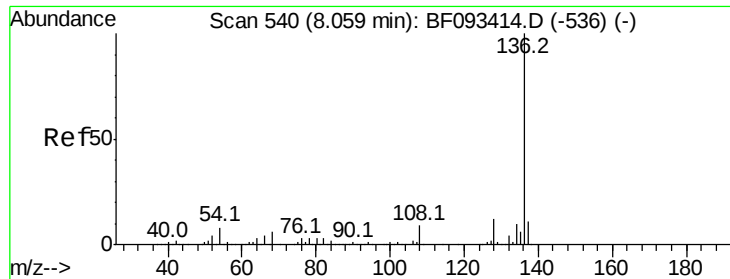
#19
n-Nitroso-di-n-propylamine
Concen: 14.64 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion: 70 Resp: 432464
Ion Ratio Lower Upper
70 100
42 67.7 49.4 74.0
101 9.3 7.4 11.2
130 20.0 14.2 21.4



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

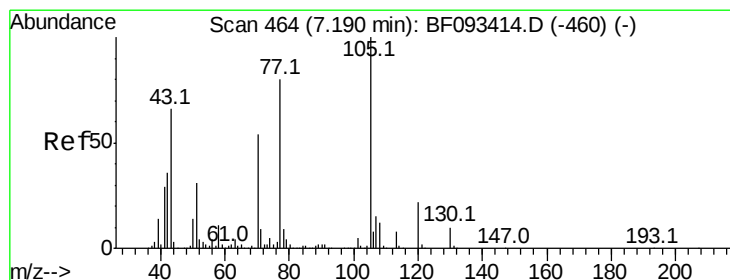
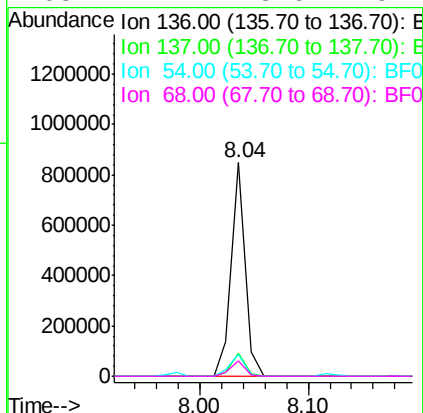
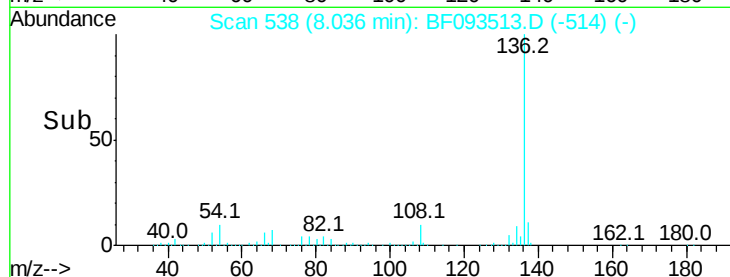
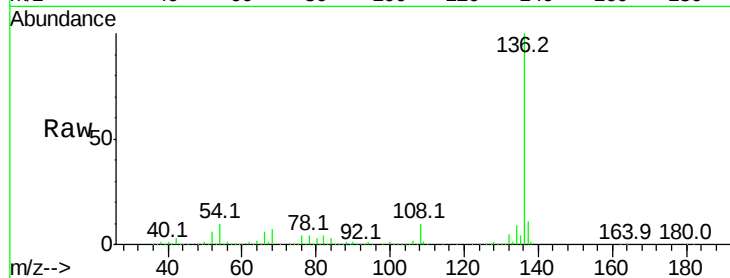




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

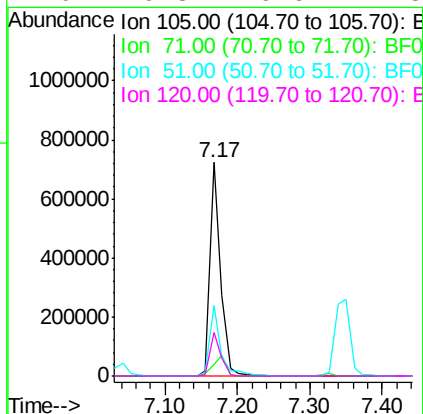
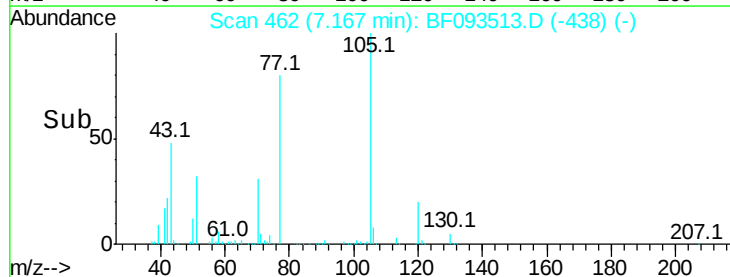
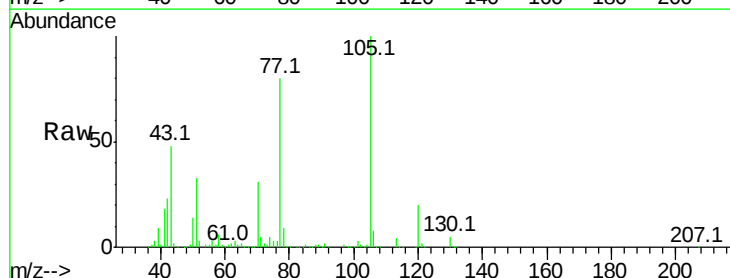
Instrument :
BNA_F
ClientSampleId :

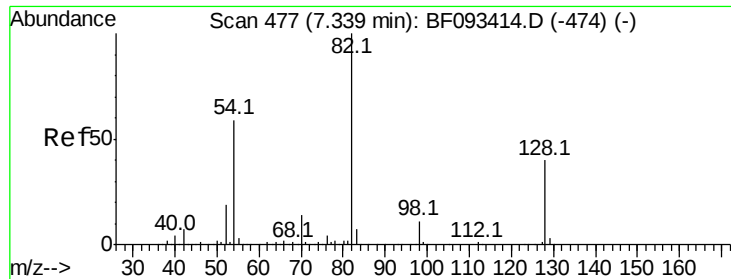
Tot Ion:136	Resp:	745206
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.4	12.6
54 10.3	4.5	6.7#
68 7.4	3.6	5.4#



#22
Acetophenone
Concen: 40.65 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:105	Resp:	728961
Ion Ratio	Lower	Upper
105 100		
71 5.4	3.2	4.8#
51 32.7	26.2	39.4
120 20.3	16.6	24.8

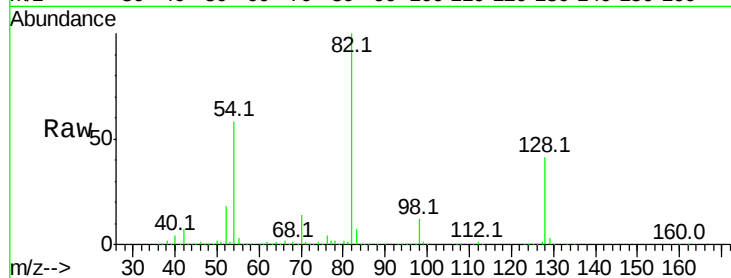




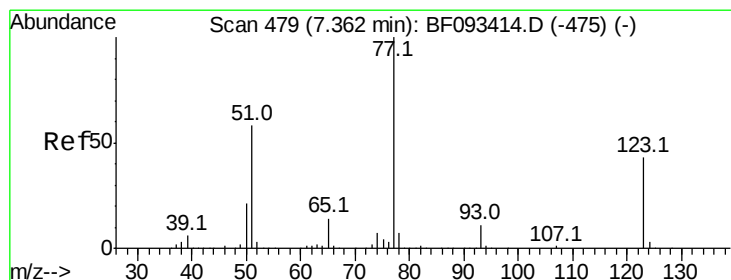
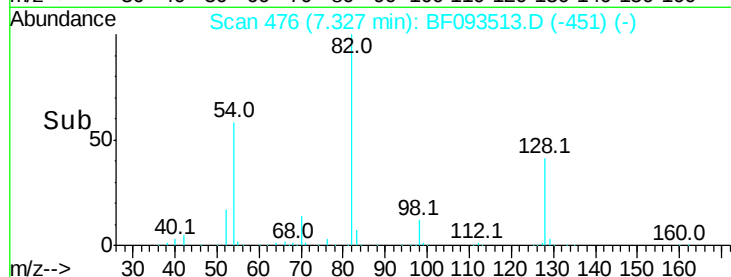
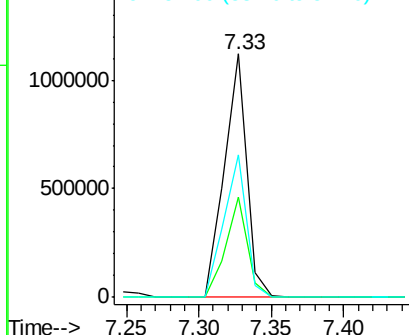
#23
 Nitrobenzene-d5
 Concen: 89.79 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1205930
 Ion Ratio Lower Upper
 82 100
 128 41.1 34.6 52.0
 54 58.3 39.5 59.3

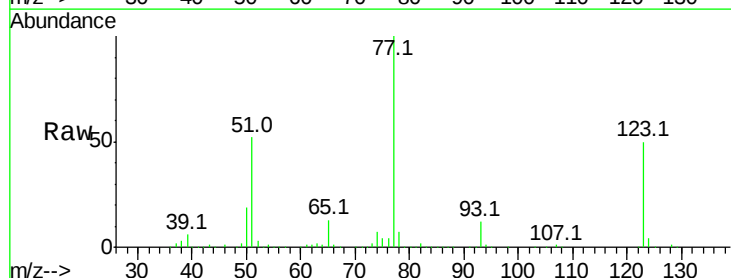


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

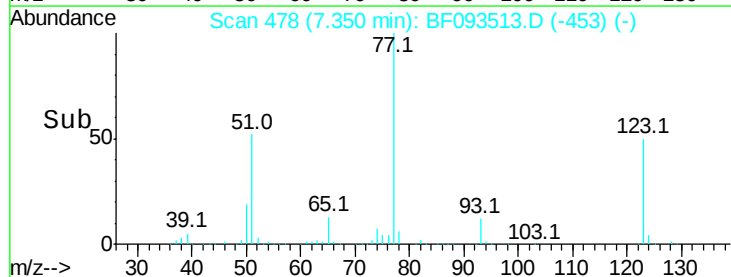
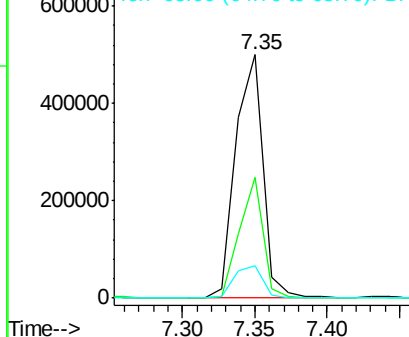


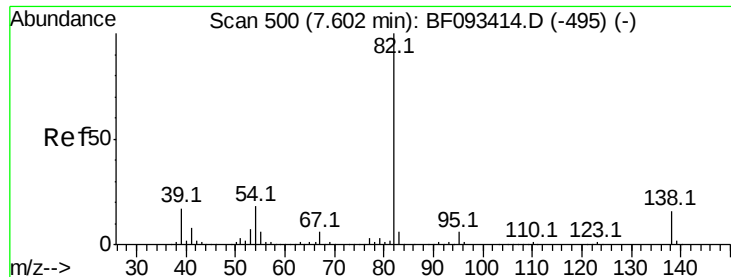
#24
 Nitrobenzene
 Concen: 43.09 ng
 RT: 7.35 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion: 77 Resp: 650401
 Ion Ratio Lower Upper
 77 100
 123 49.7 33.0 49.4#
 65 13.4 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: 40.89 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

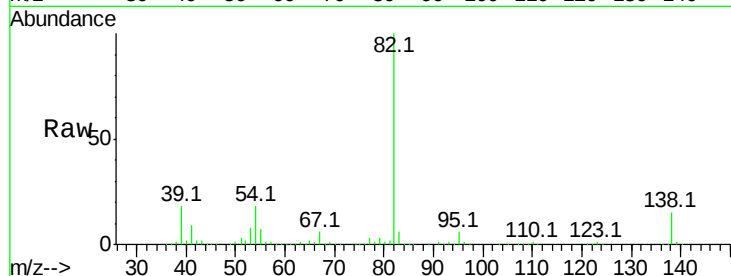
Tot Ion: 82 Resp: 1107379

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

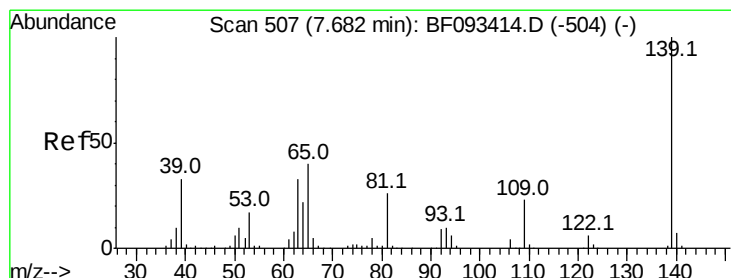
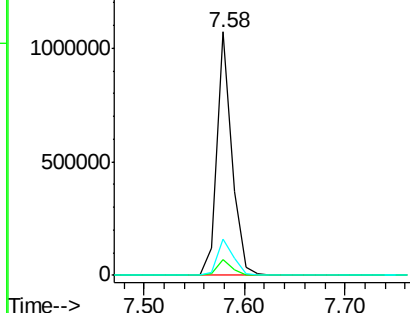
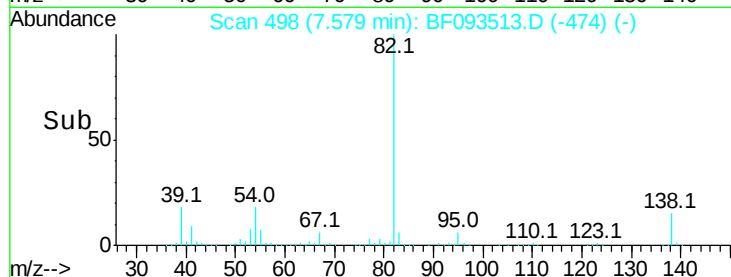
138 14.7 14.6 22.0



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: 8.17 ng

RT: 7.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

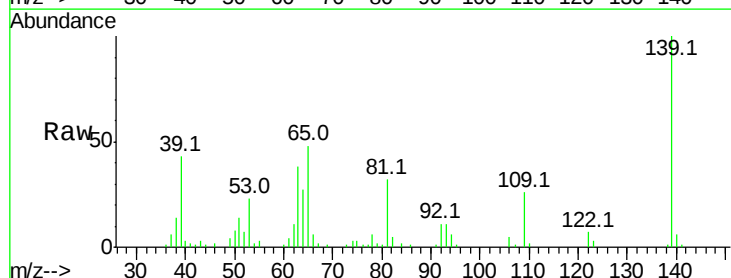
Tgt Ion: 139 Resp: 56263

Ion Ratio Lower Upper

139 100

109 26.0 23.3 34.9

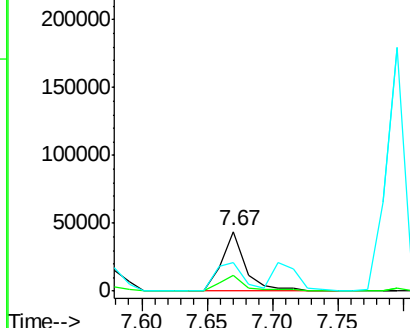
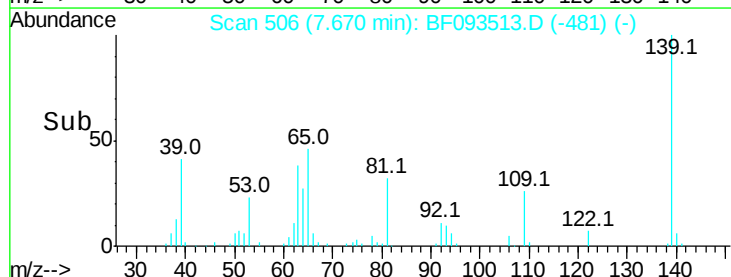
65 47.7 42.7 64.1

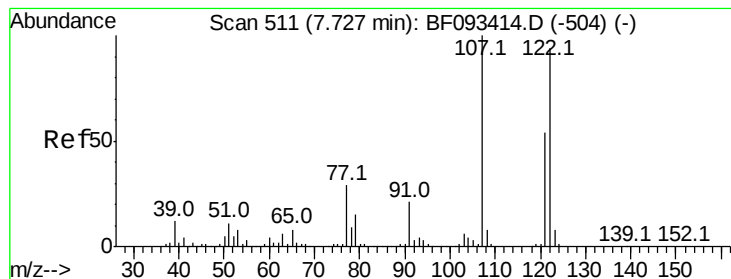


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 21.65 ng

RT: 7.72 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampled :

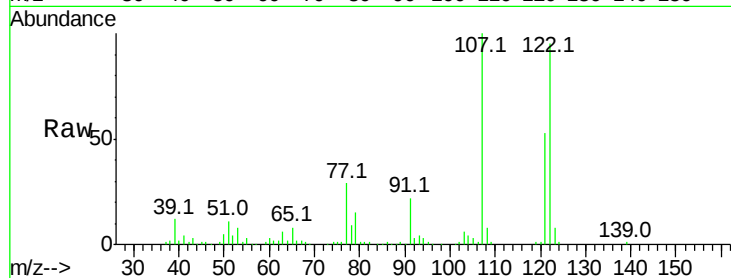
Tot Ion:122 Resp: 242532

Ion Ratio Lower Upper

122 100

107 105.5 94.1 141.1

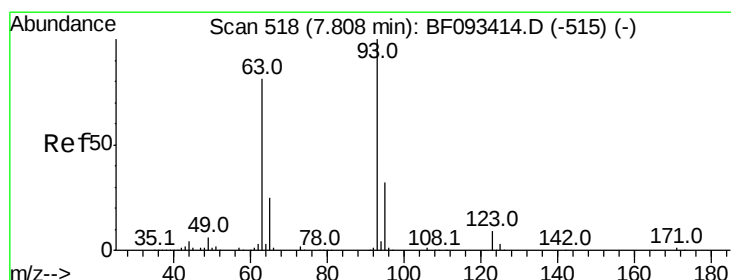
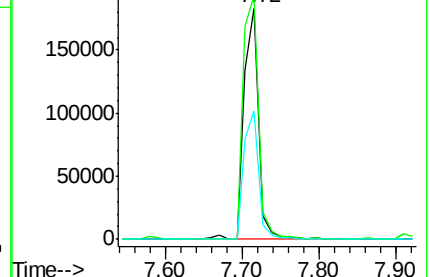
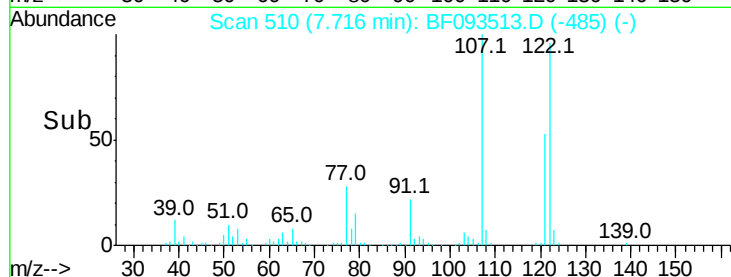
121 55.4 46.0 69.0



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: 44.20 ng

RT: 7.80 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

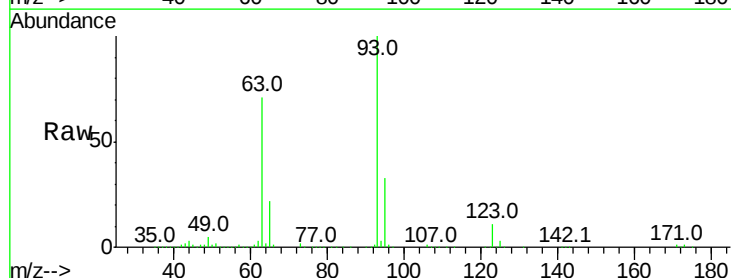
Tgt Ion: 93 Resp: 755683

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

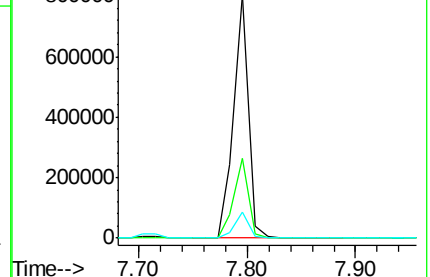
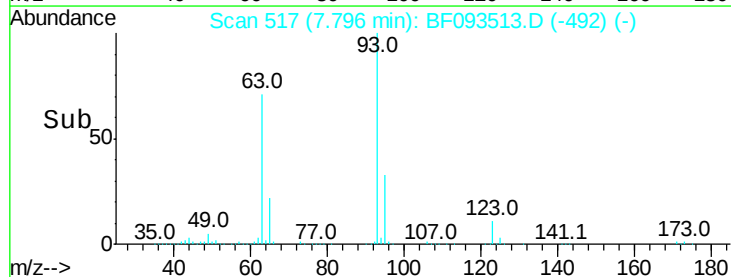
123 10.5 8.6 13.0

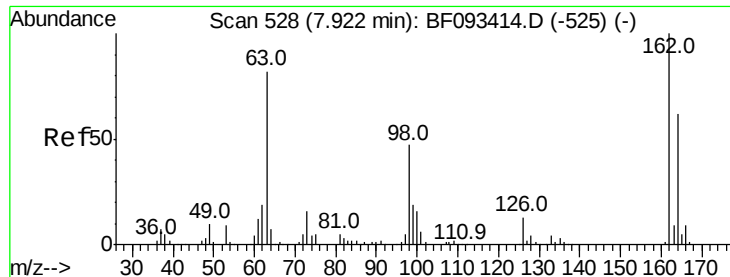


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

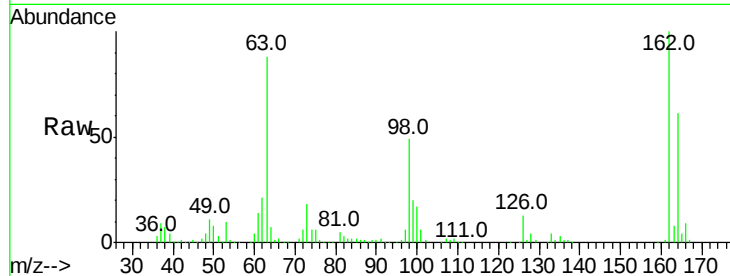




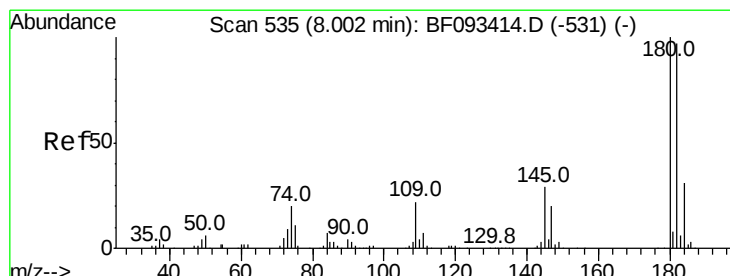
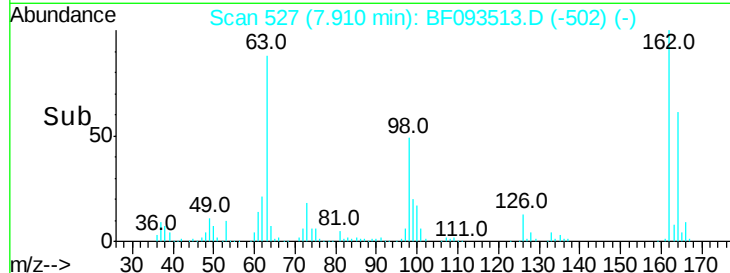
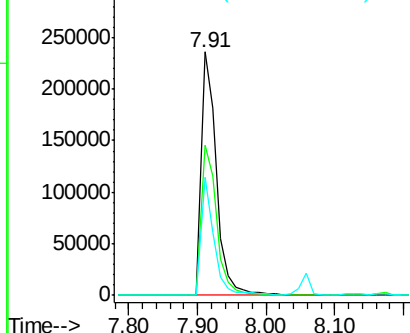
#29
 2,4-Dichlorophenol
 Concen: 33.56 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 353700
 Ion Ratio Lower Upper
 162 100
 164 61.4 46.8 86.8
 98 48.8 9.1 49.1

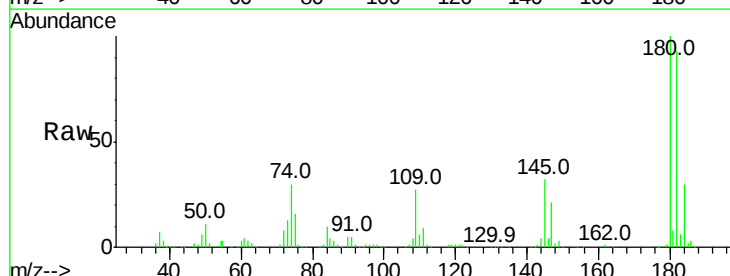


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

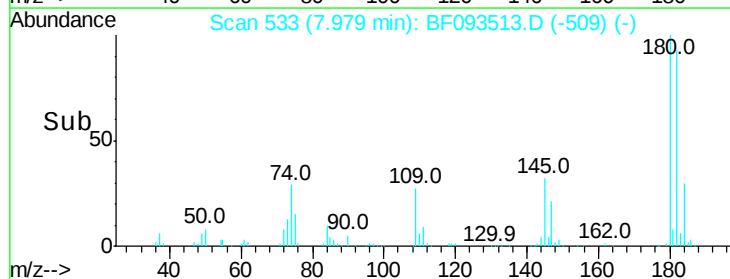
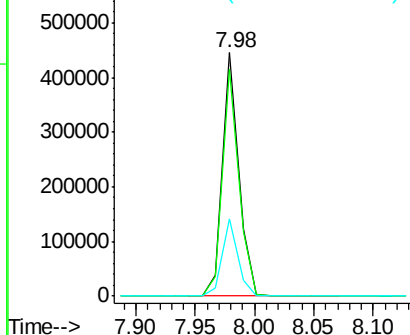


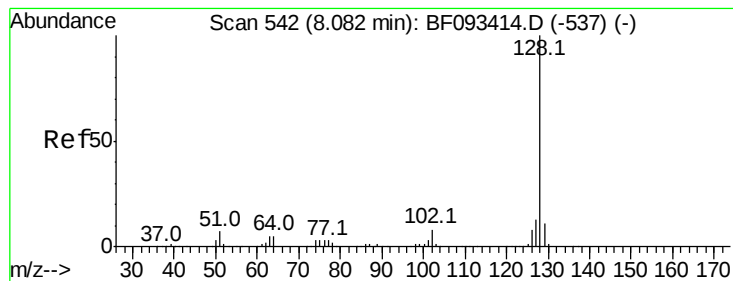
#30
 1,2,4-Trichlorobenzene
 Concen: 37.44 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:180 Resp: 419667
 Ion Ratio Lower Upper
 180 100
 182 93.0 78.2 117.4
 145 31.8 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: 38.98 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

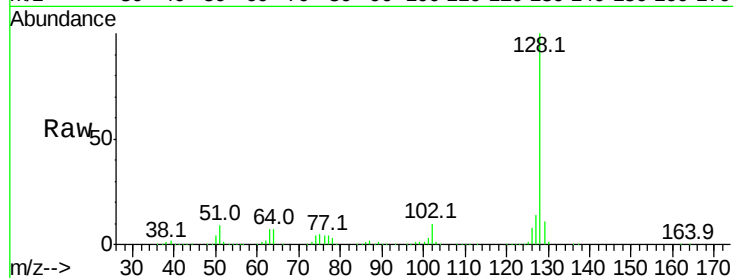
Tot Ion:128 Resp: 1455570

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

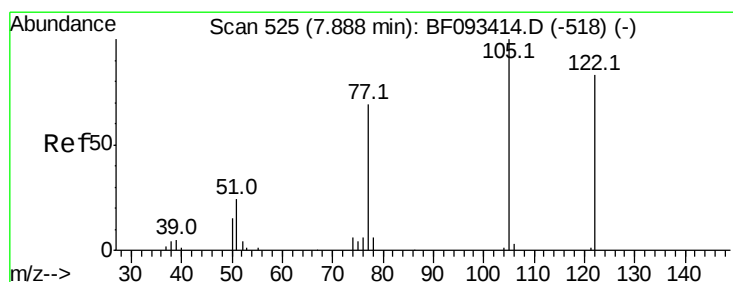
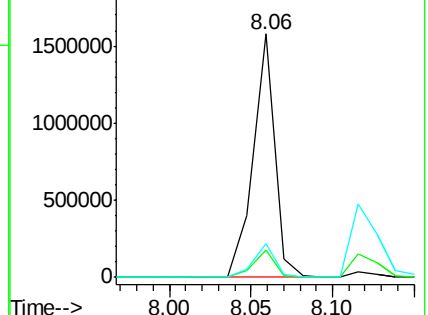
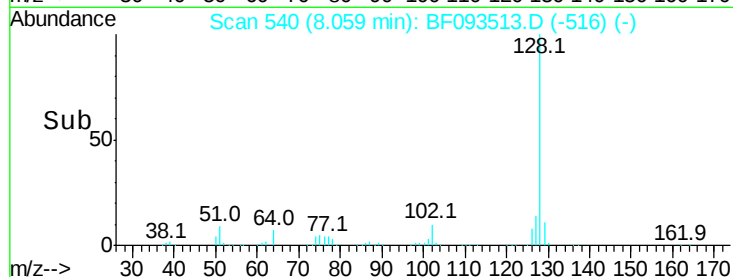
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.66 ng

RT: 7.72 min Scan# 510

Delta R.T. -0.17 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

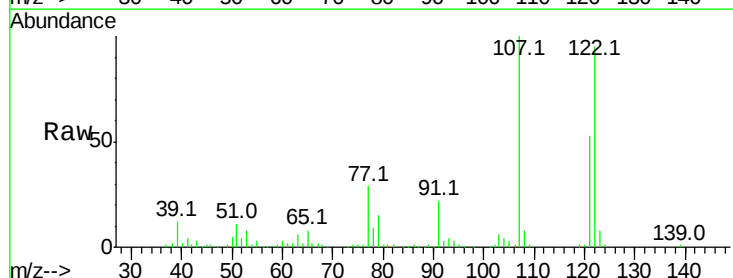
Tgt Ion:122 Resp: 242532

Ion Ratio Lower Upper

122 100

105 3.4 107.2 147.2#

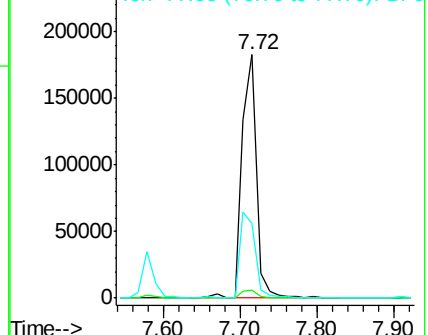
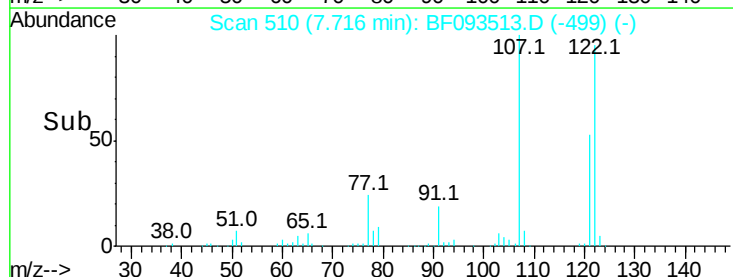
77 30.7 74.5 114.5#

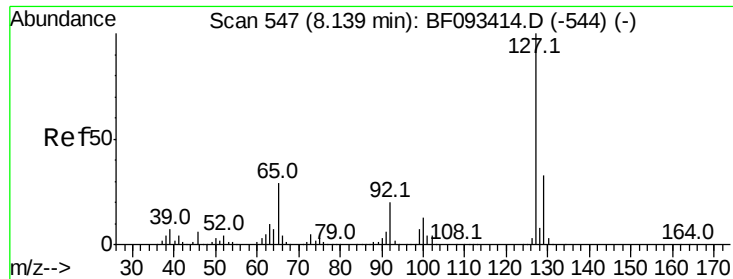


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

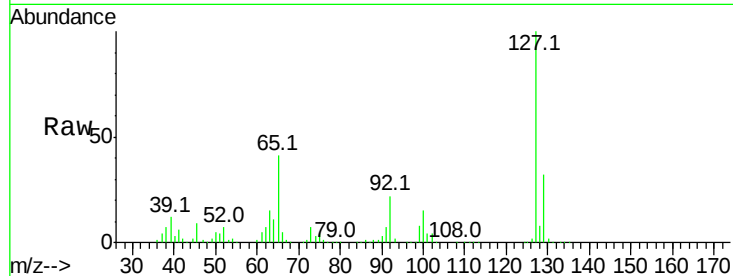




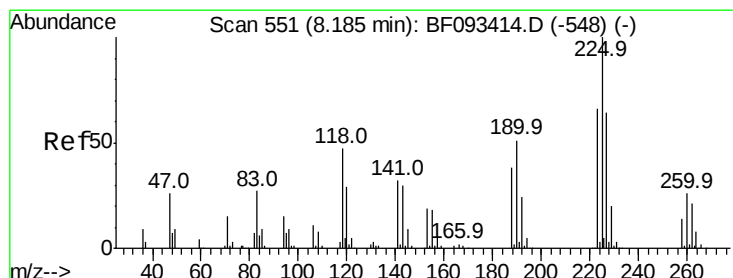
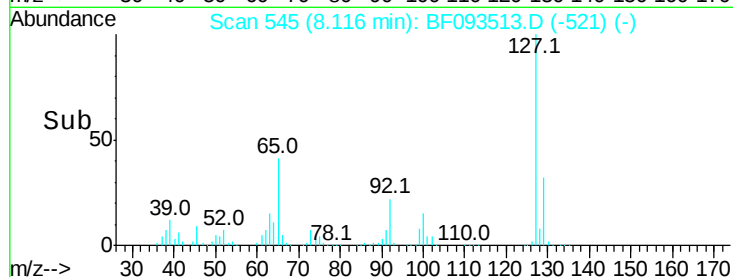
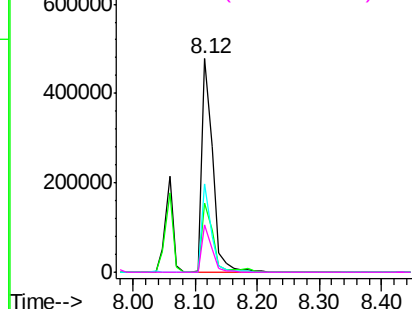
#33
4-Chloroaniline
Concen: 38.56 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	584357
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	41.2	25.8	38.8#
92	22.3	16.1	24.1

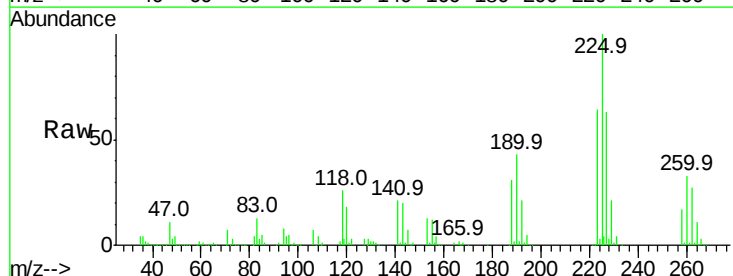


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

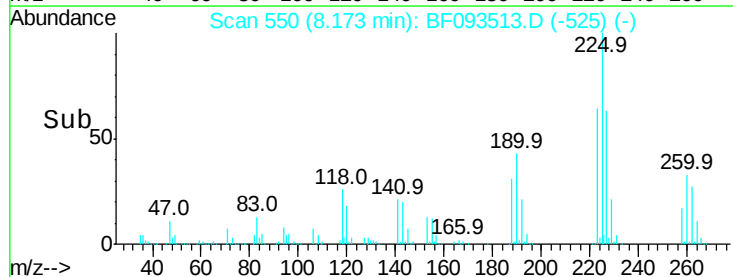
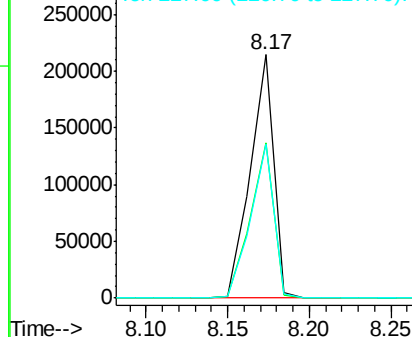


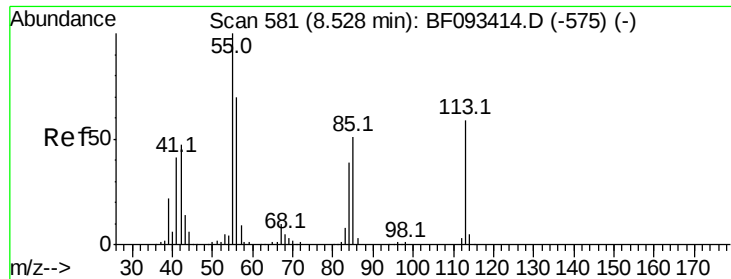
#34
Hexachlorobutadiene
Concen: 37.01 ng
RT: 8.17 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:	225	Resp:	213659
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	63.2	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

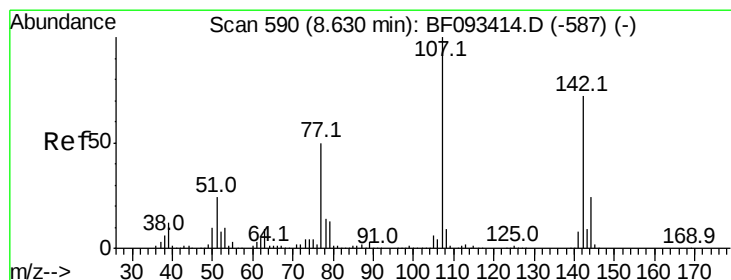
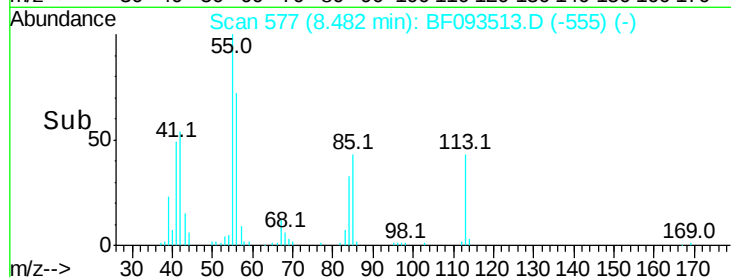
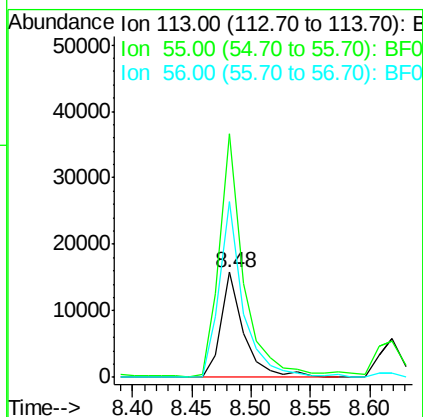
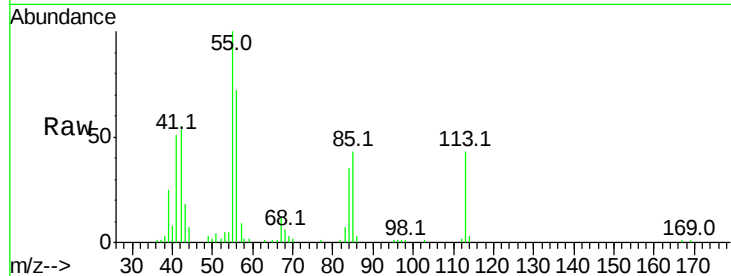




#35
 Caprolactam
 Concen: 5.87 ng
 RT: 8.48 min Scan# 577
 Delta R.T. -0.05 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

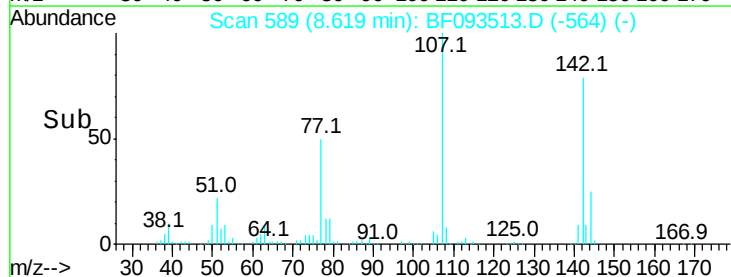
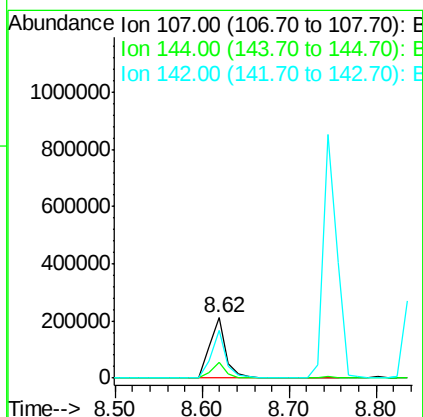
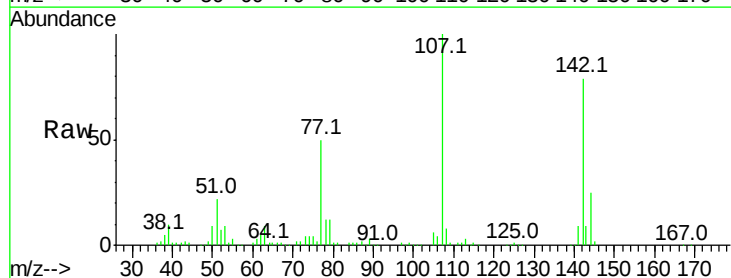
Instrument :
 BNA_F
 ClientSampled :

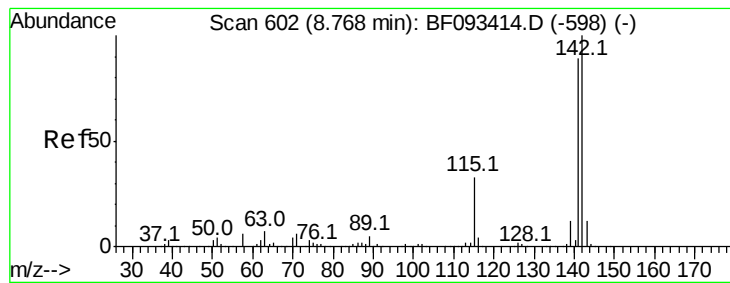
Tot Ion:113 Resp: 21121
 Ion Ratio Lower Upper
 113 100
 55 231.2 119.2 159.2#
 56 166.3 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 24.71 ng
 RT: 8.62 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:107 Resp: 277942
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.3 28.9
 142 79.1 59.0 88.6





#37

2-Methylnaphthalene

Concen: 38.10 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

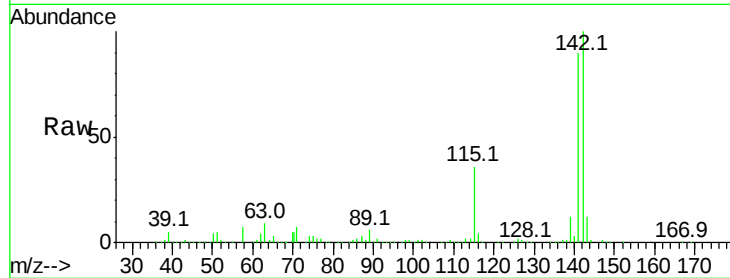
Tot Ion:142 Resp: 905391

Ion Ratio Lower Upper

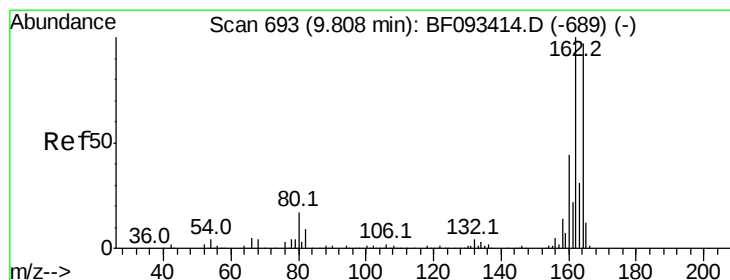
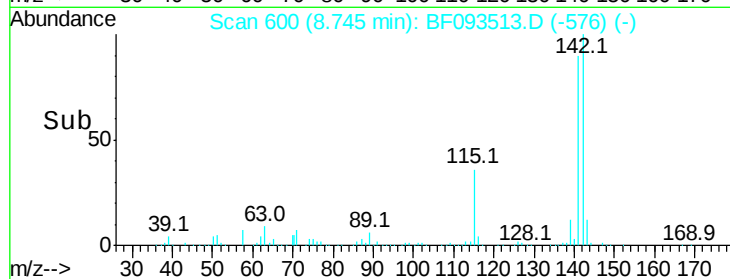
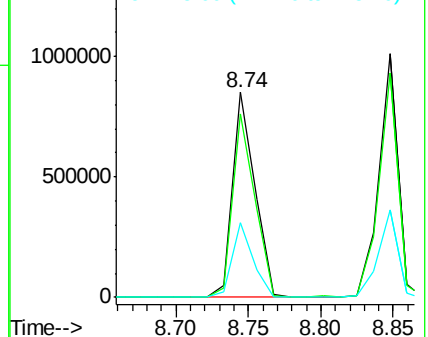
142 100

141 89.6 71.0 106.6

115 36.4 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: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

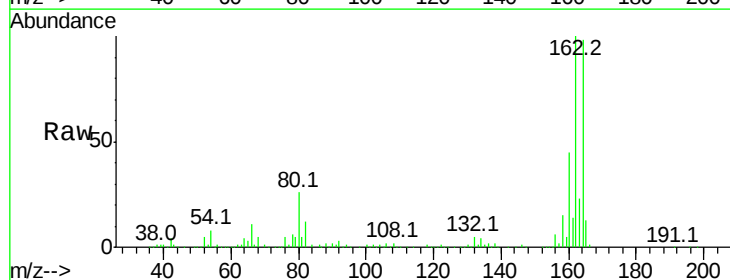
Tgt Ion:164 Resp: 346755

Ion Ratio Lower Upper

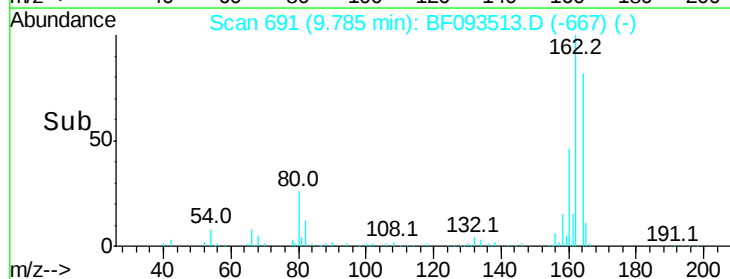
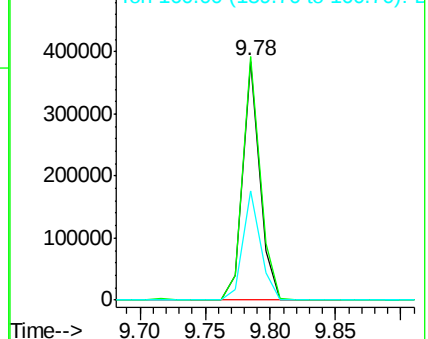
164 100

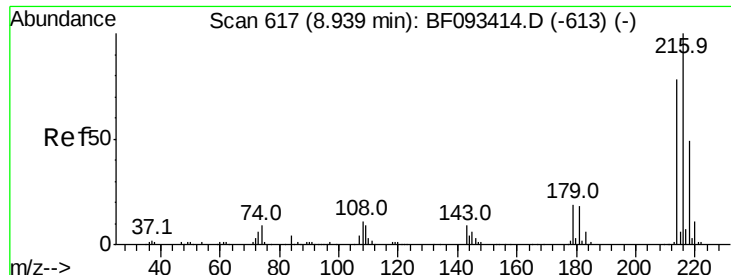
162 102.0 80.2 120.2

160 45.7 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

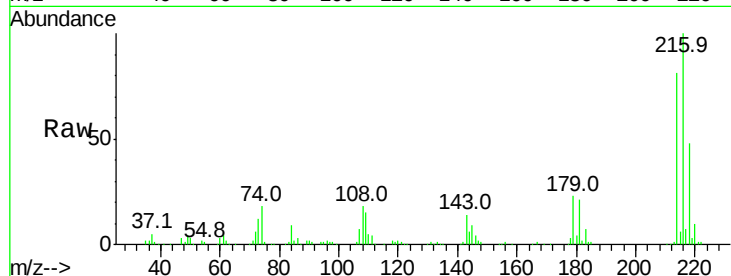




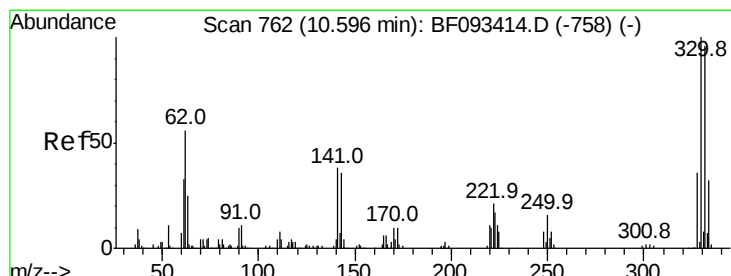
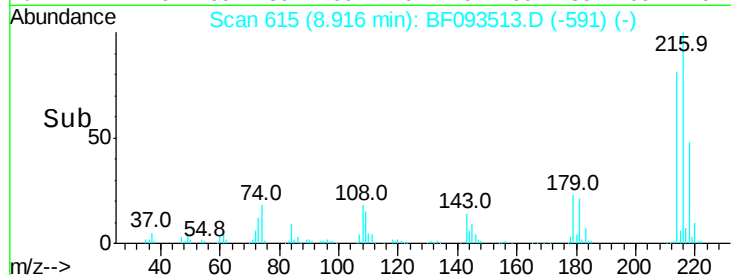
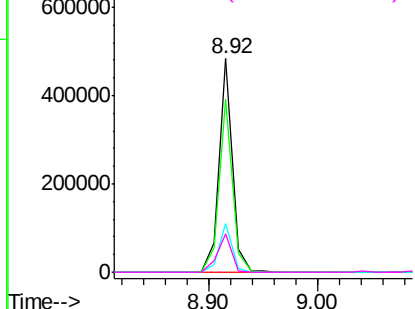
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.24 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	418863
Ion	Ratio	Lower	Upper
216	100		
214	81.1	63.4	95.0
179	22.8	17.4	26.2
108	19.6	15.6	23.4

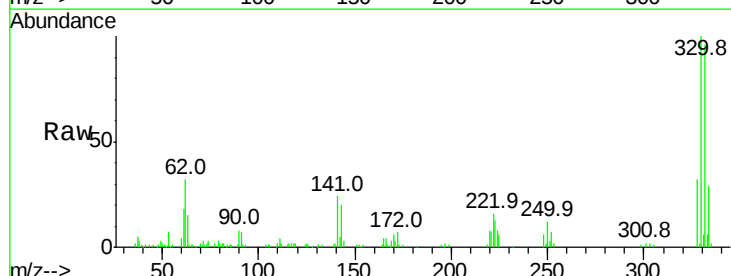


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

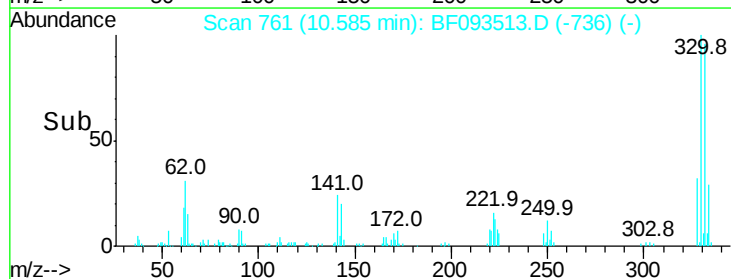
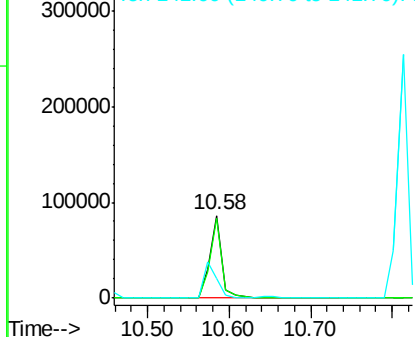


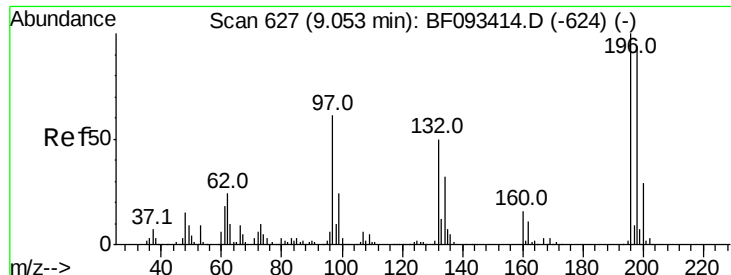
#41
 2,4,6-Tribromophenol
 Concen: 40.61 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:	330	Resp:	91756
Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.4	116.2
141	48.0	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: 22.01 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampled :

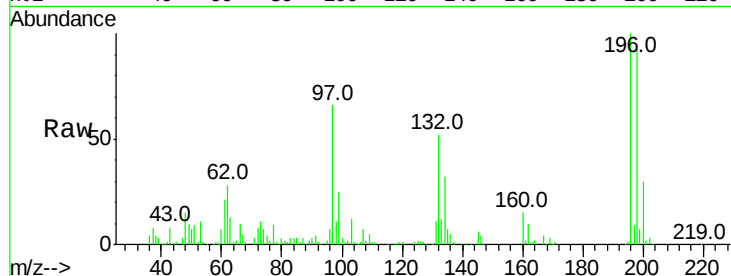
Tot Ion:196 Resp: 130193

Ion Ratio Lower Upper

196 100

198 92.1 82.1 123.1

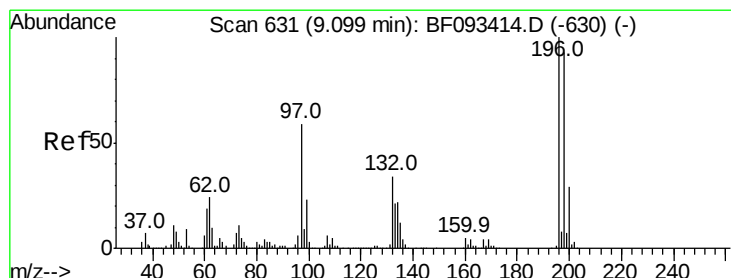
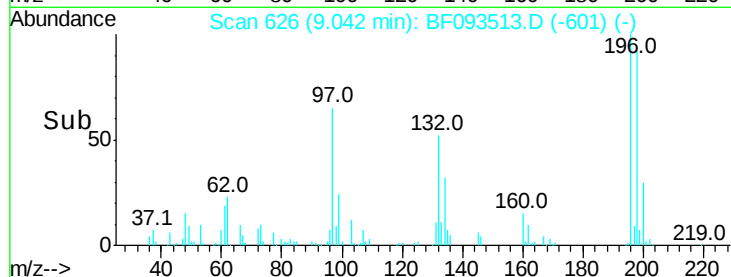
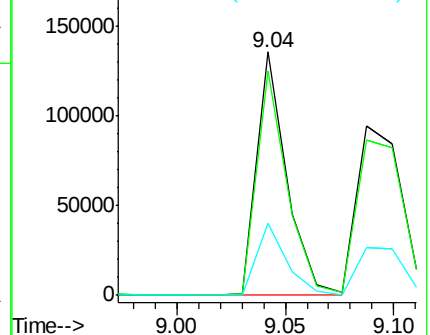
200 29.8 27.0 40.4



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: 22.93 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Tgt Ion:196 Resp: 145581

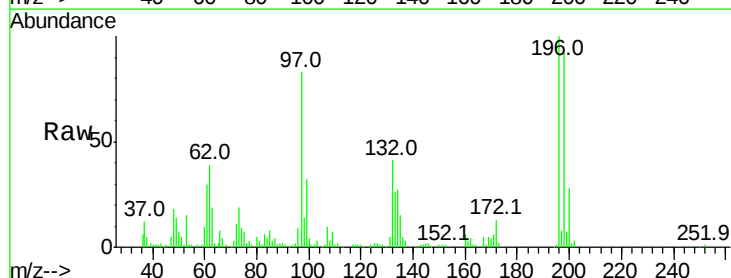
Ion Ratio Lower Upper

196 100

198 91.8 79.4 119.2

97 82.8 51.5 77.3#

132 41.3 27.4 41.2#

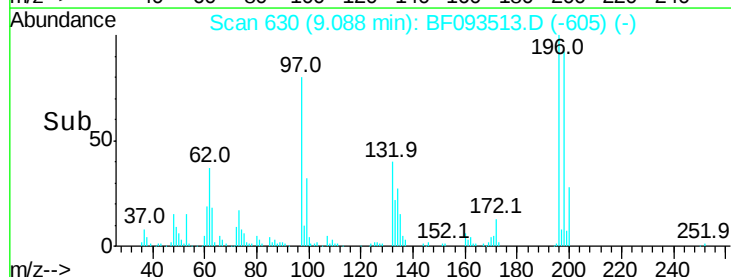
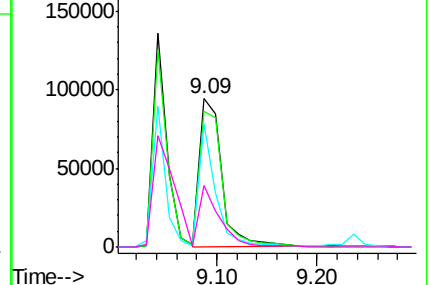


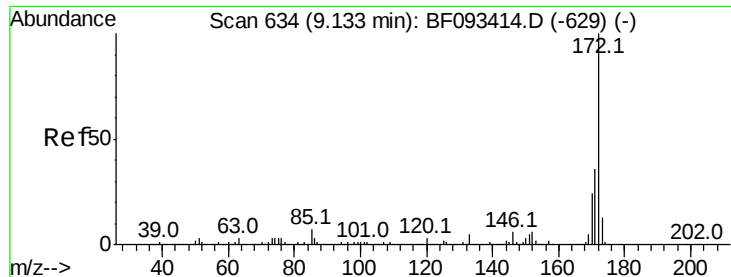
Abundance Ion 196.00 (195.70 to 196.70): E

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: 86.63 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

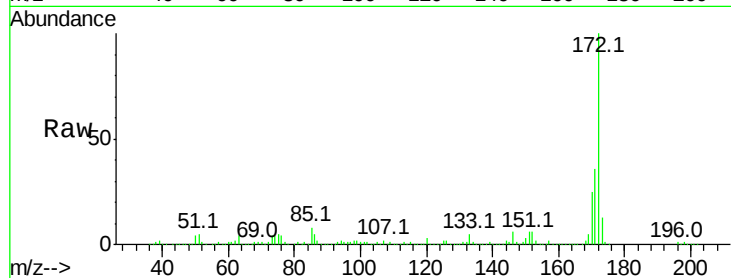
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1614931

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.6	20.2	30.4

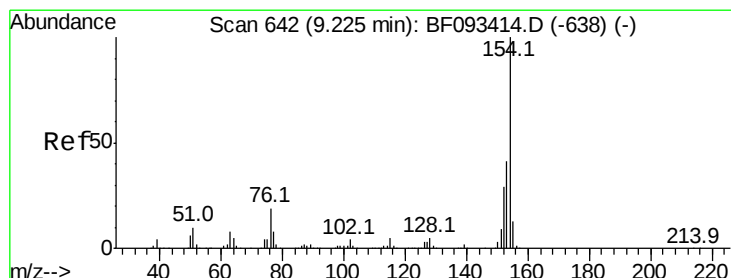
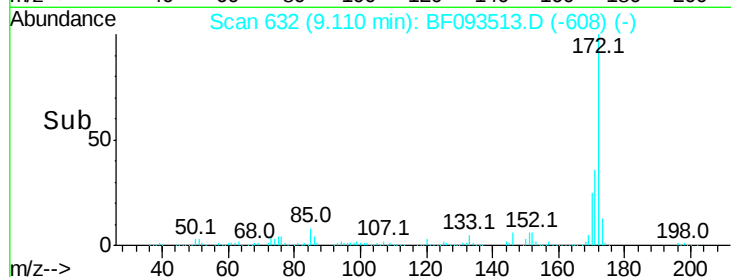
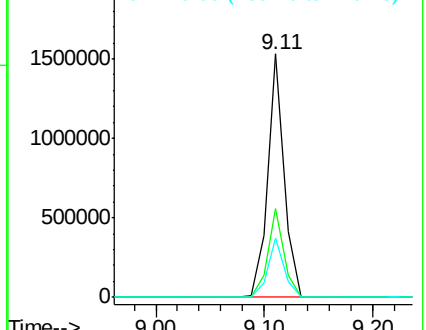


Abundance

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: 47.05 ng

RT: 9.21 min Scan# 641

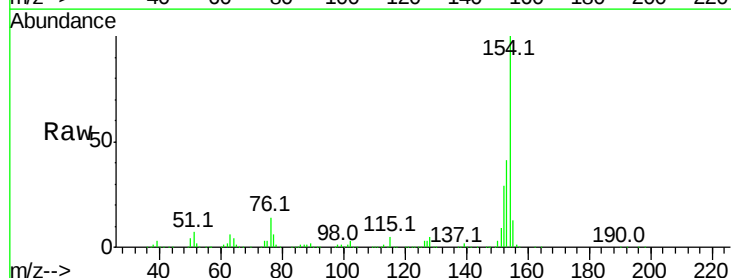
Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Tgt Ion:154 Resp: 1188511

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	14.2	0.0	30.5

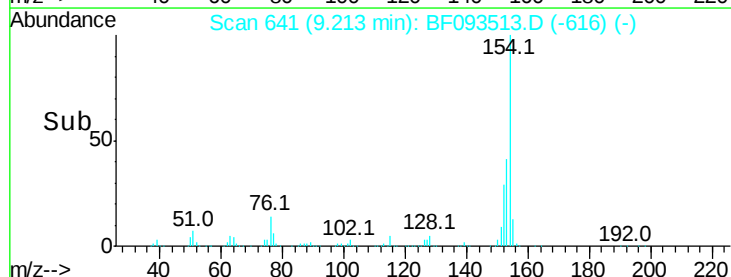
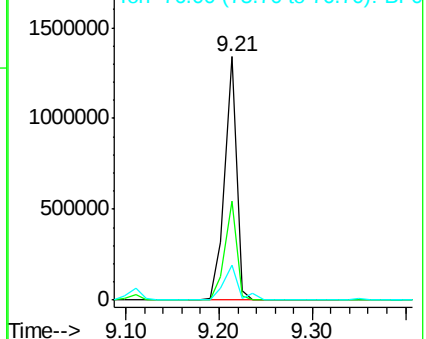


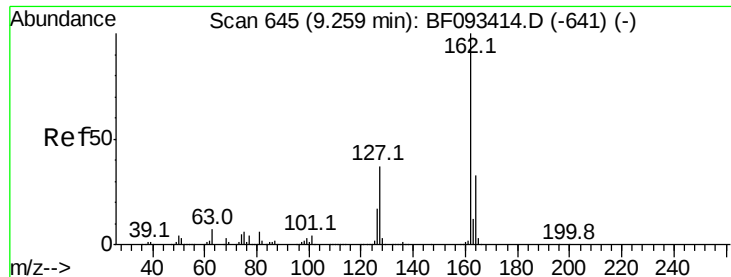
Abundance

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: 45.31 ng

RT: 9.24 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

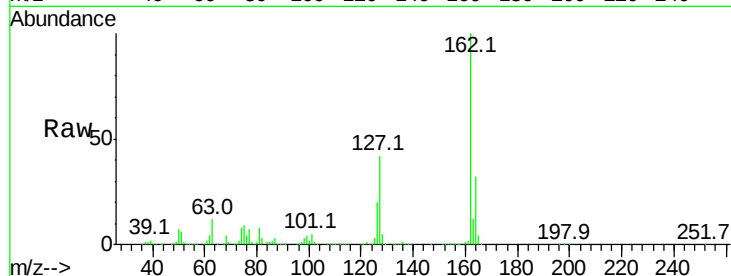
Tot Ion:162 Resp: 876106

Ion Ratio Lower Upper

162 100

127 42.2 30.7 46.1

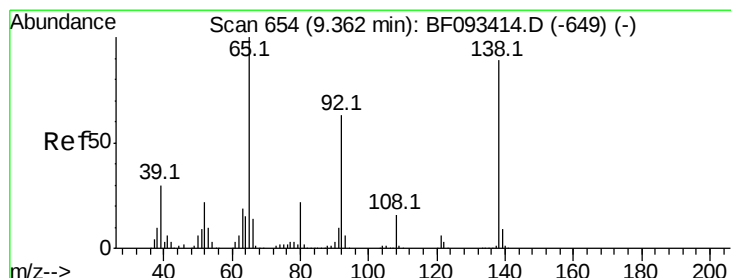
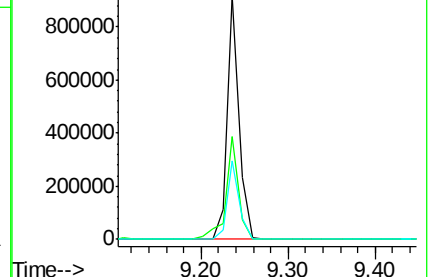
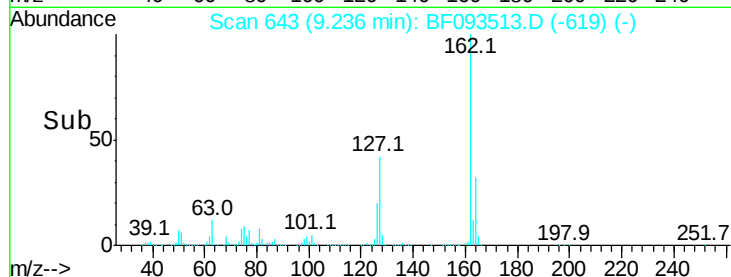
164 32.3 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 57.03 ng

RT: 9.35 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

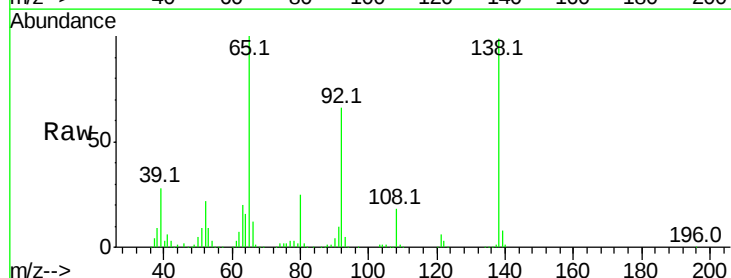
Tgt Ion: 65 Resp: 389834

Ion Ratio Lower Upper

65 100

92 66.0 53.9 80.9

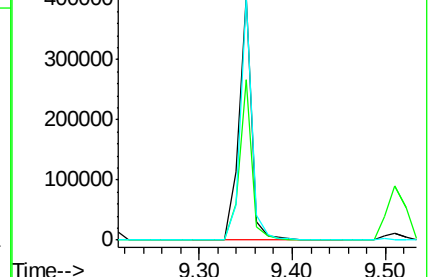
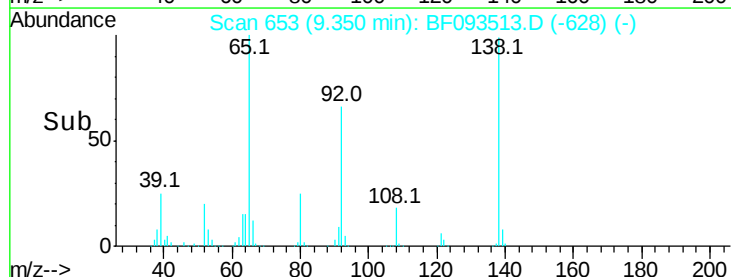
138 99.3 76.8 115.2

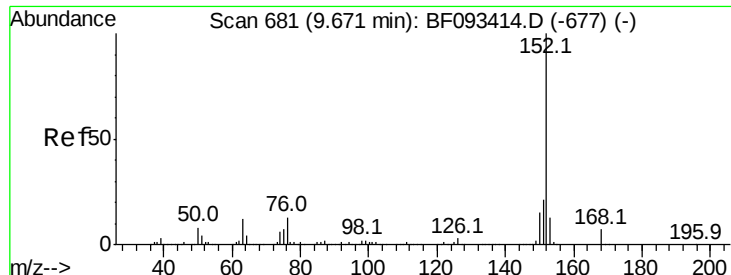


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.08 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

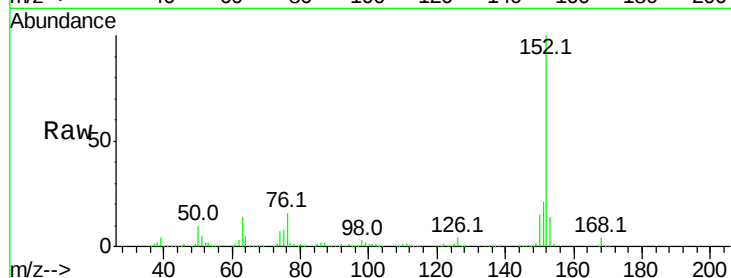
Tot Ion:152 Resp: 1341741

Ion Ratio Lower Upper

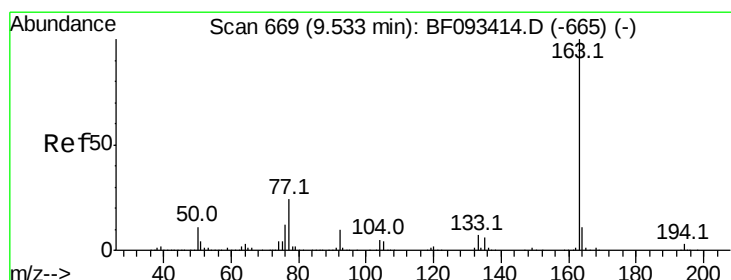
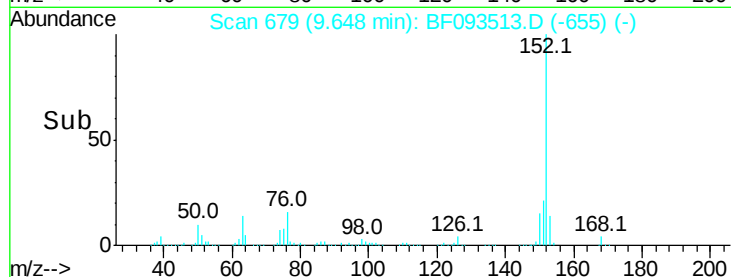
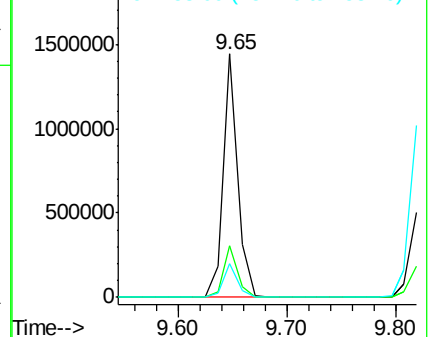
152 100

151 21.2 16.9 25.3

153 13.9 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: 41.87 ng

RT: 9.52 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

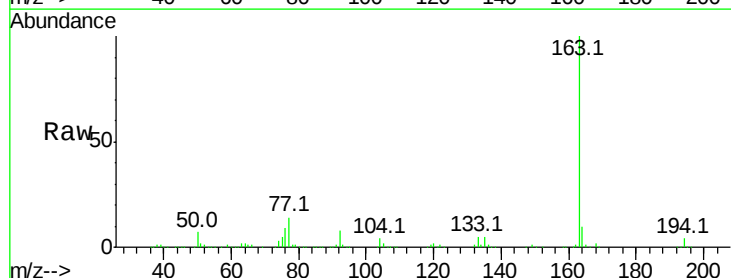
Tgt Ion:163 Resp: 962485

Ion Ratio Lower Upper

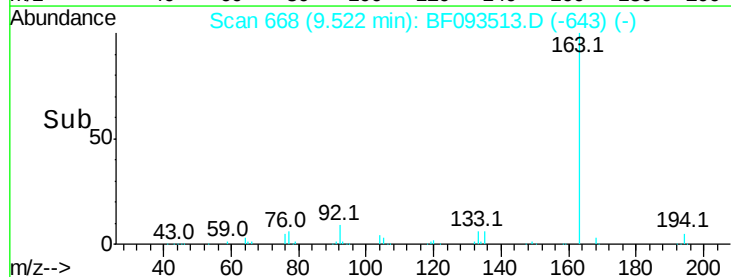
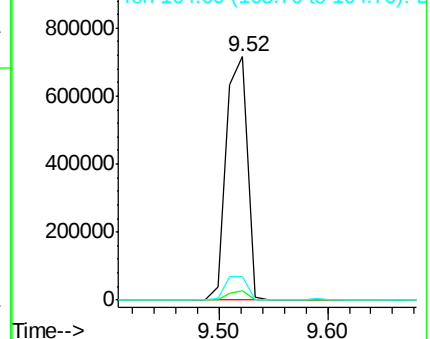
163 100

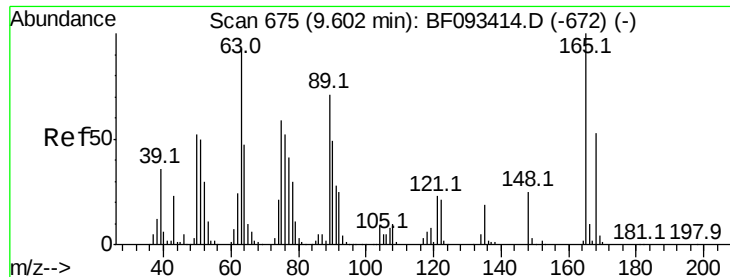
194 3.9 3.0 4.4

164 9.7 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

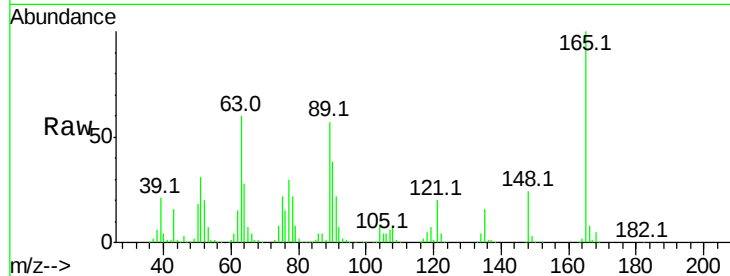




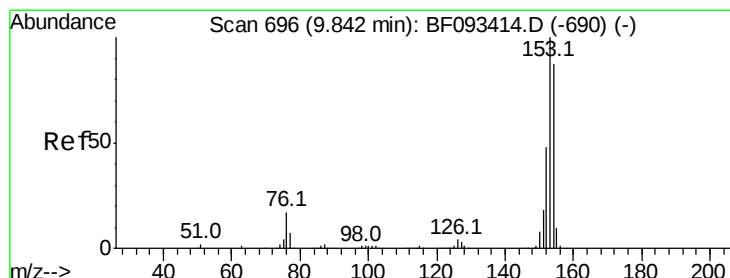
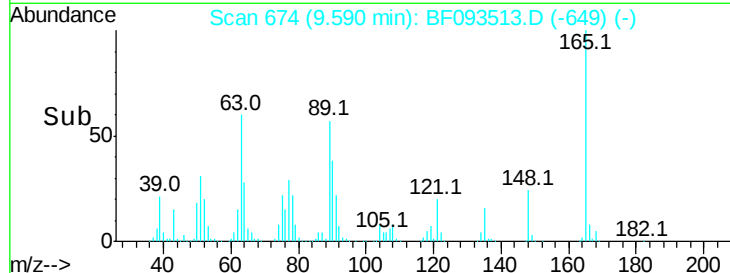
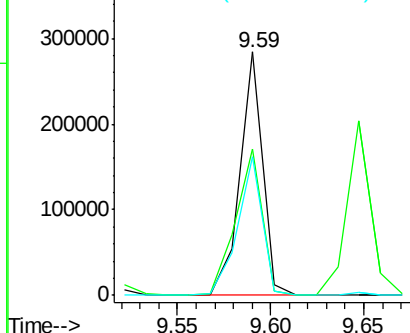
#50
2,6-Dinitrotoluene
Concen: 47.95 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 241867
Ion Ratio Lower Upper
165 100
63 60.3 36.2 54.4#
89 56.7 40.2 60.4

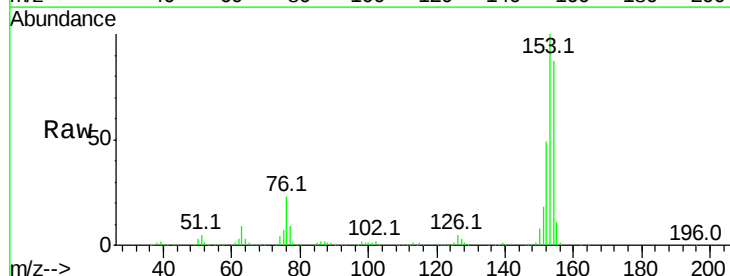


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

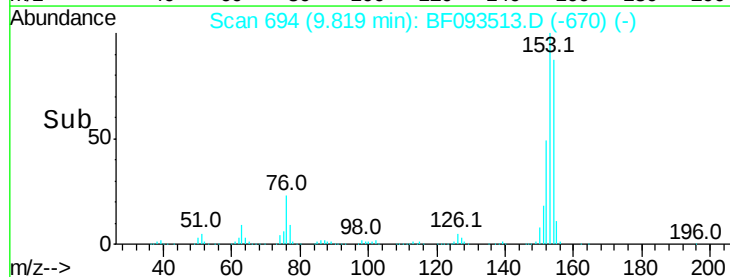
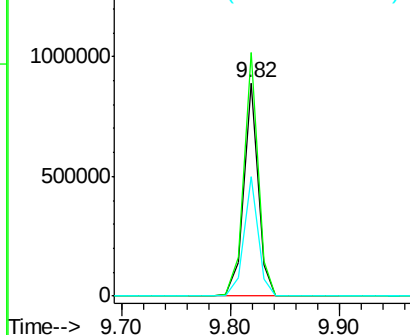


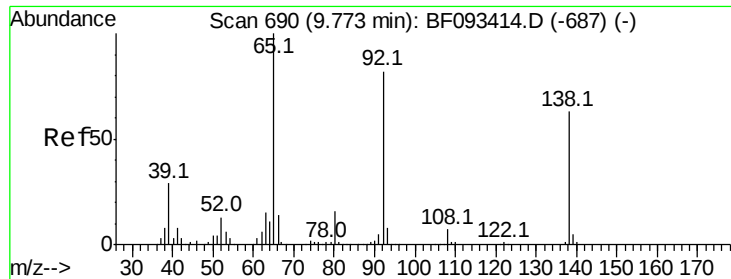
#51
Acenaphthene
Concen: 42.58 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:154 Resp: 802880
Ion Ratio Lower Upper
154 100
153 114.3 88.6 133.0
152 56.2 41.6 62.4



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





#52

3-Nitroaniline

Concen: 42.71 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

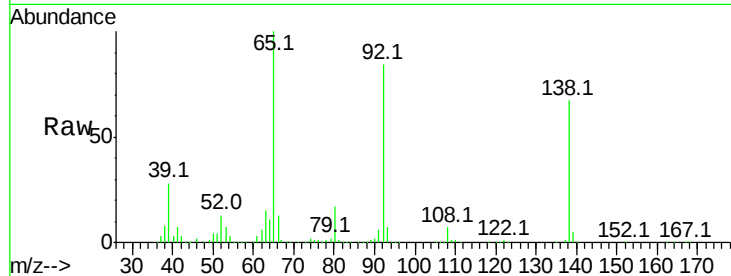
Tot Ion:138 Resp: 258823

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

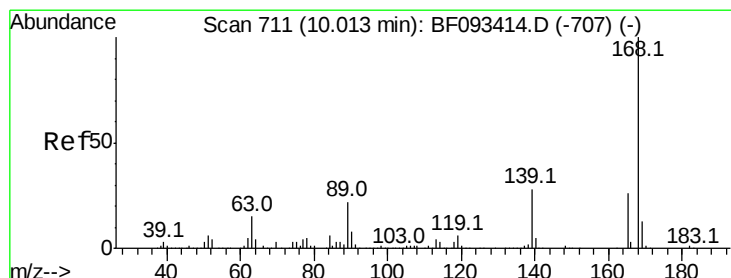
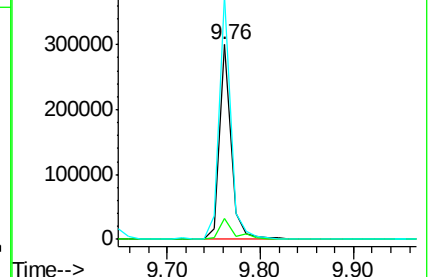
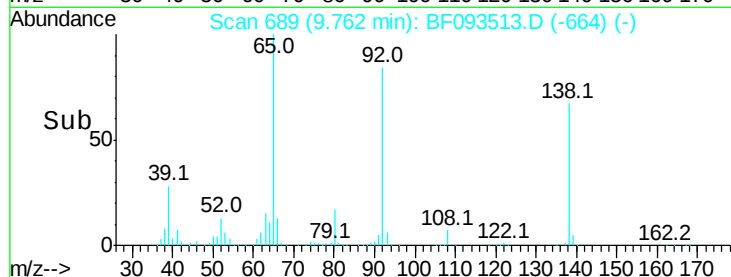
92 125.0 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 50.35 ng

RT: 9.99 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

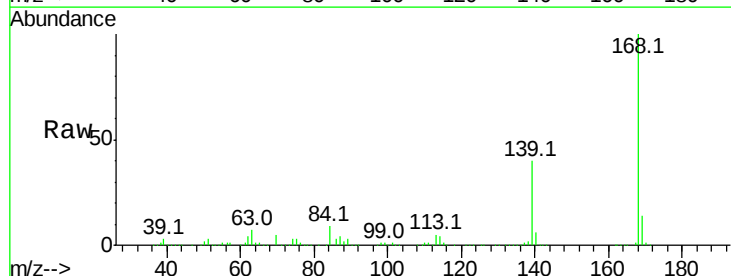
Tgt Ion:168 Resp: 1188466

Ion Ratio Lower Upper

168 100

139 39.7 32.6 49.0

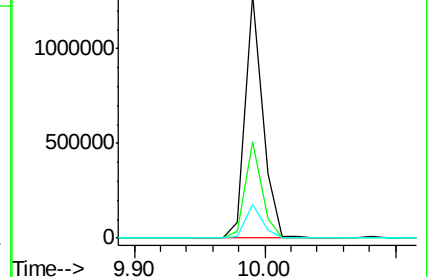
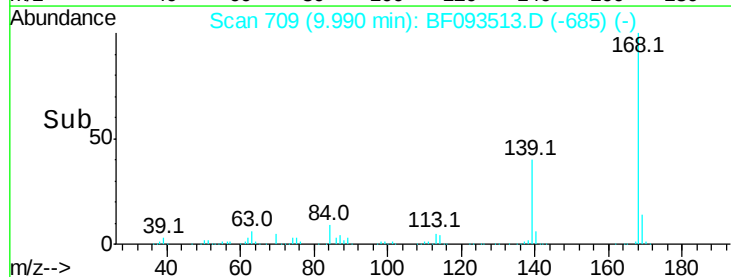
169 13.9 11.3 16.9

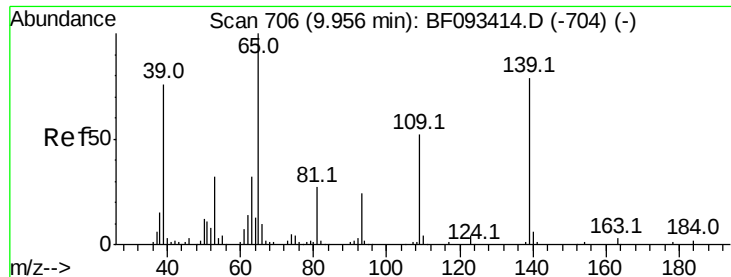


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 154.59 ng

RT: 9.99 min Scan# 709

Delta R.T. 0.03 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

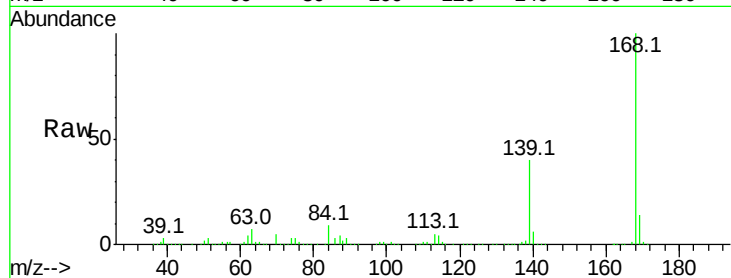
Tot Ion:139 Resp: 455043

Ion Ratio Lower Upper

139 100

109 1.0 52.2 92.2#

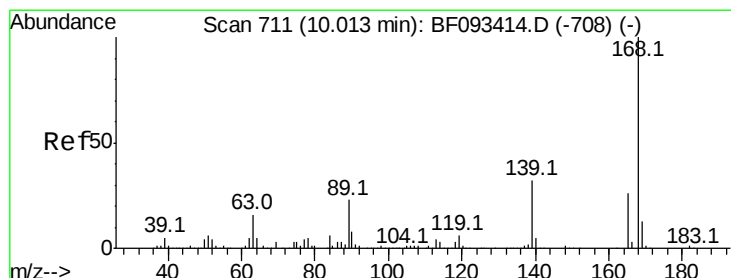
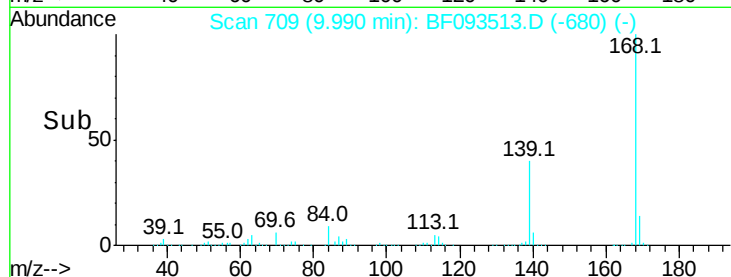
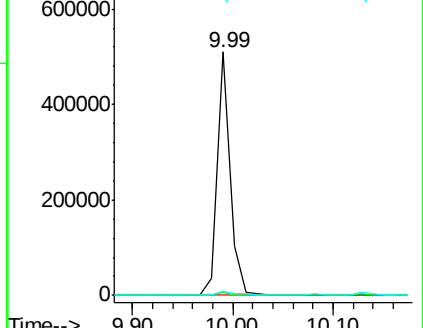
65 1.6 85.8 125.8#



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): E



#56

2,4-Dinitrotoluene

Concen: 9.87 ng

RT: 10.00 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Tgt Ion:165 Resp: 61184

Ion Ratio Lower Upper

165 100

63 78.0 40.2 60.4#

89 105.3 62.5 93.7#

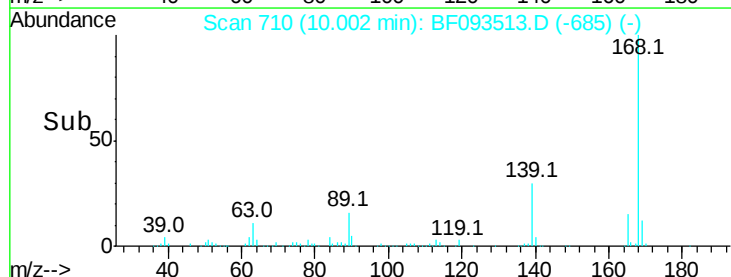
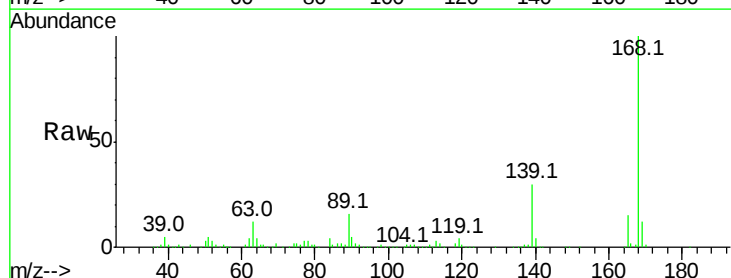
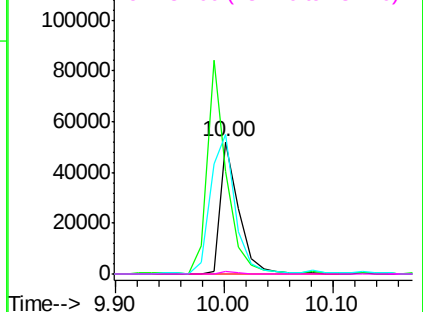
182 2.1 1.8 2.8

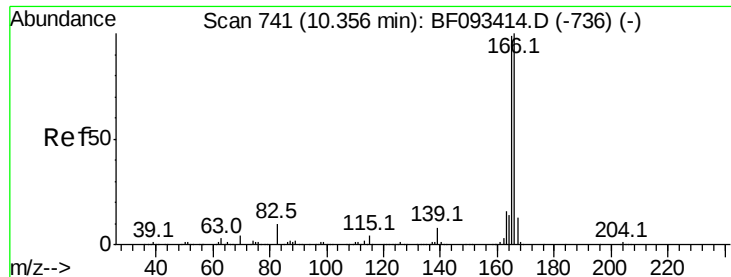
Abundance Ion 165.00 (164.70 to 165.70): E

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

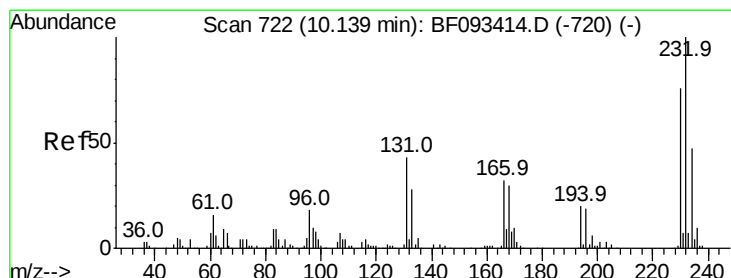
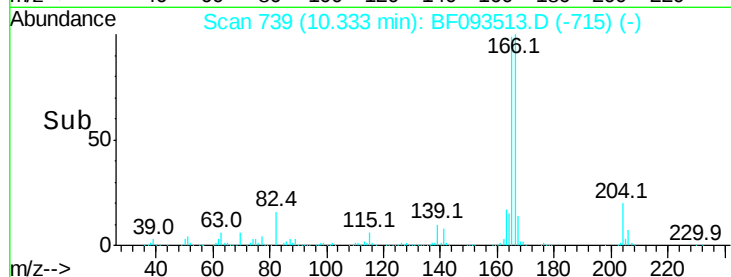
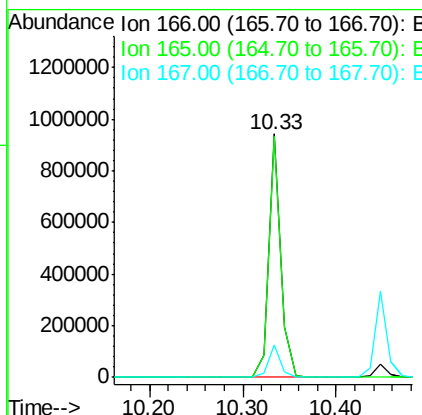
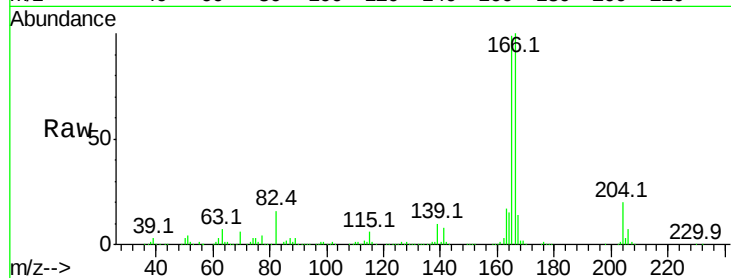




#57
 Fluorene
 Concen: 42.40 ng
 RT: 10.33 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

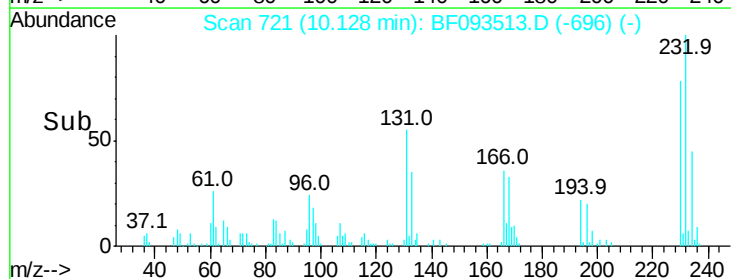
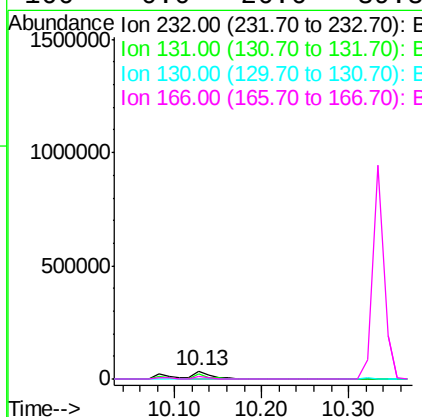
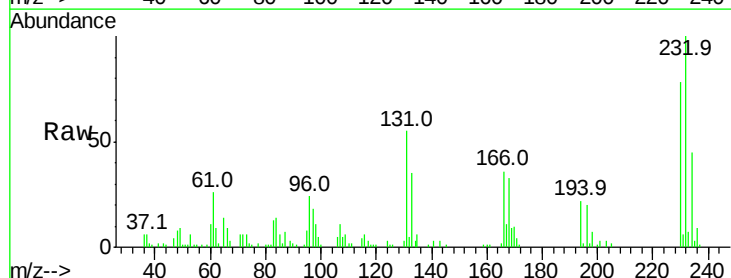
Instrument :
 BNA_F
 ClientSampleId :

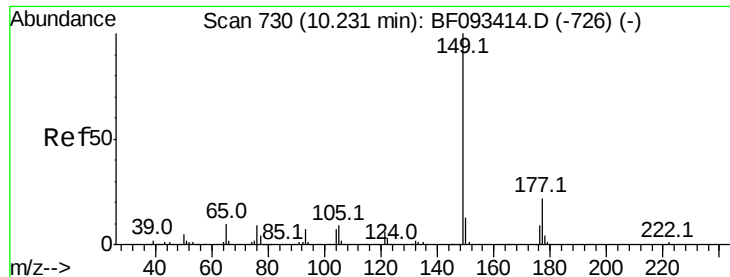
Tot Ion:166 Resp: 847975
 Ion Ratio Lower Upper
 166 100
 165 99.2 77.8 116.8
 167 13.5 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 11.94 ng
 RT: 10.13 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:232 Resp: 53490
 Ion Ratio Lower Upper
 232 100
 131 46.8 40.1 60.1
 130 1.9 1.8 2.8
 166 0.0 26.6 39.8#

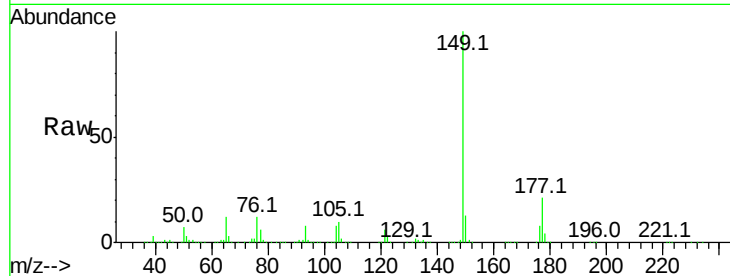




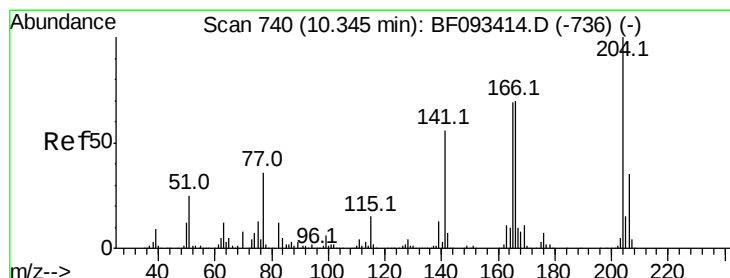
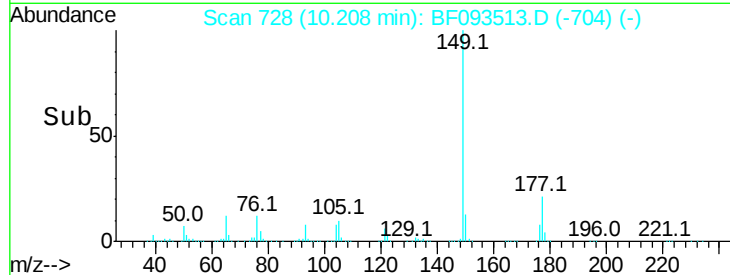
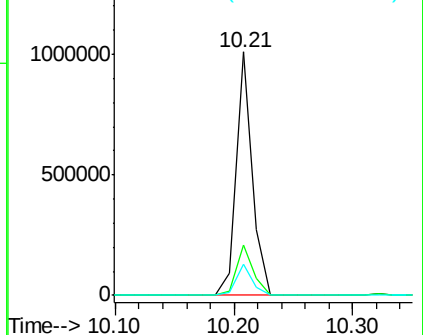
#59
Diethylphthalate
Concen: 43.07 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 946184
Ion Ratio Lower Upper
149 100
177 20.6 16.6 25.0
150 12.9 10.4 15.6

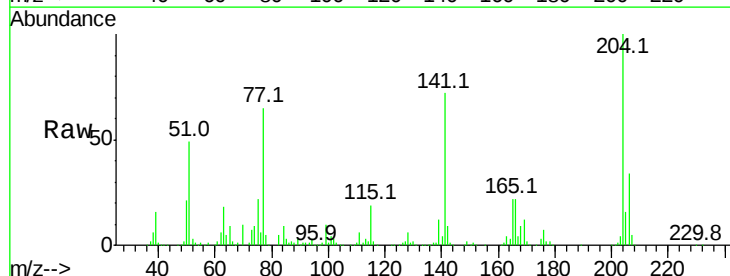


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

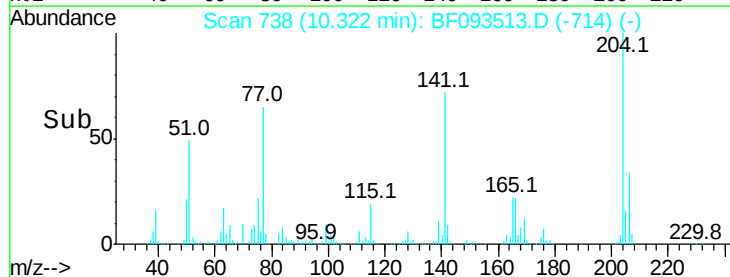
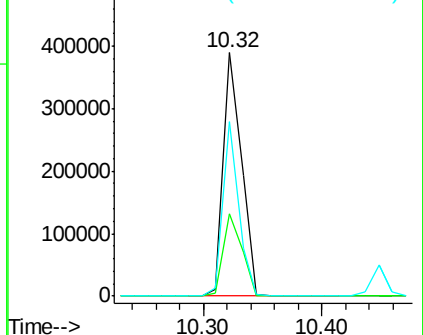


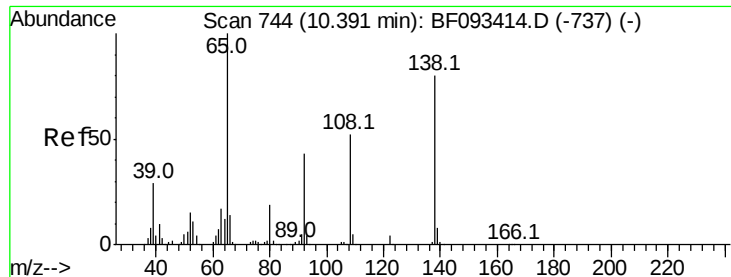
#60
4-Chlorophenyl-phenylether
Concen: 45.78 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:204 Resp: 410429
Ion Ratio Lower Upper
204 100
206 33.8 25.8 38.6
141 71.8 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

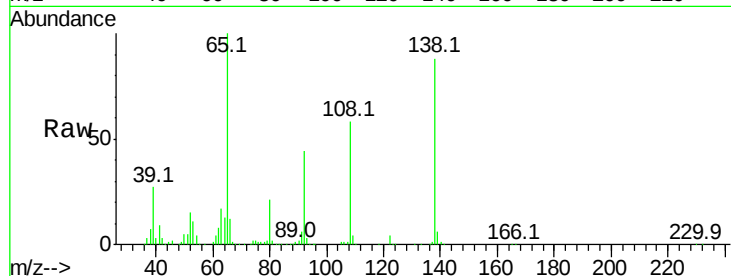




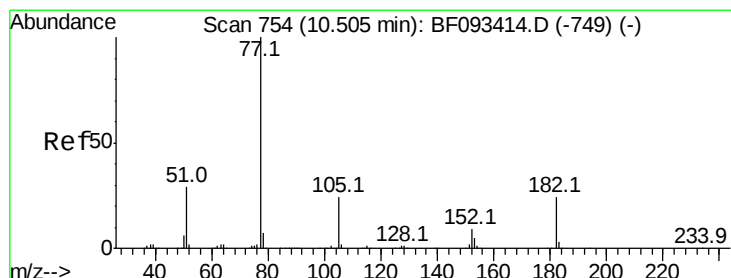
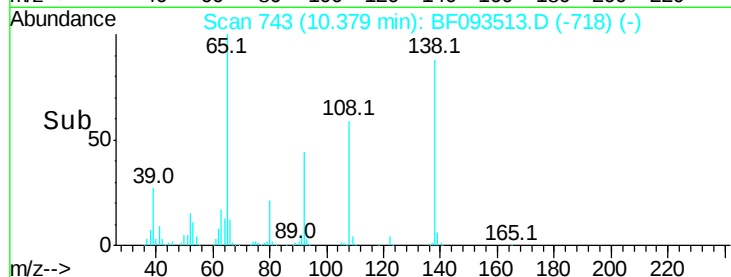
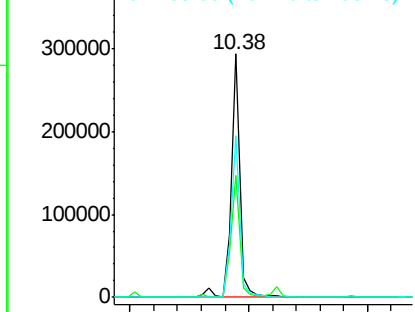
#61
4-Nitroaniline
Concen: 47.72 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 295759
Ion Ratio Lower Upper
138 100
92 50.3 31.7 71.7
108 66.5 52.6 92.6

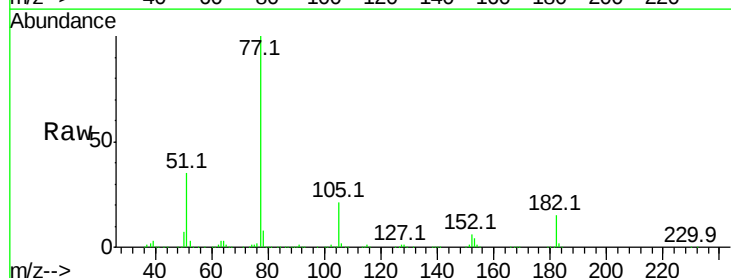


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

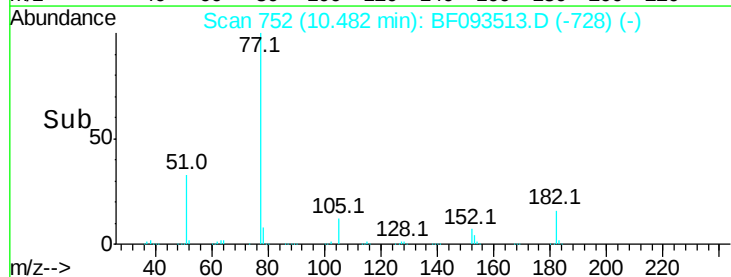
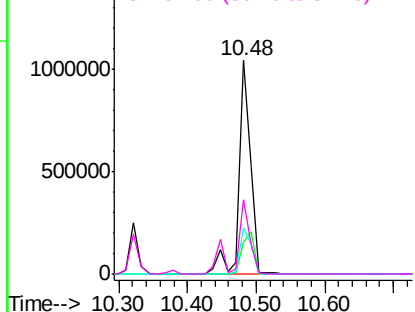


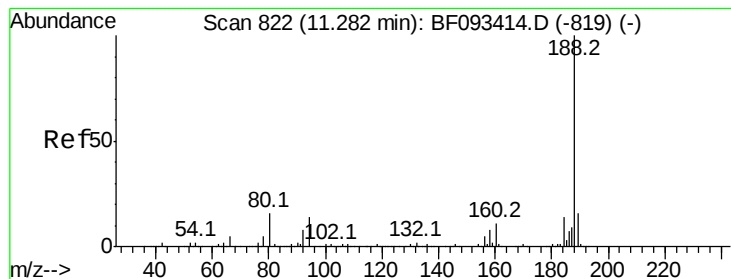
#62
Azobenzene
Concen: 49.63 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion: 77 Resp: 1239065
Ion Ratio Lower Upper
77 100
182 15.1 0.0 39.3
105 21.5 2.3 42.3
51 34.6 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: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

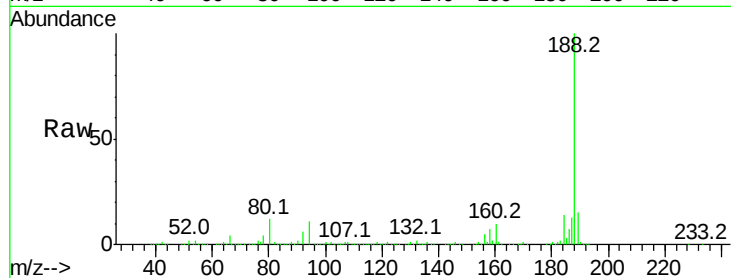
Tot Ion:188 Resp: 599243

Ion Ratio Lower Upper

188 100

94 10.9 10.0 15.0

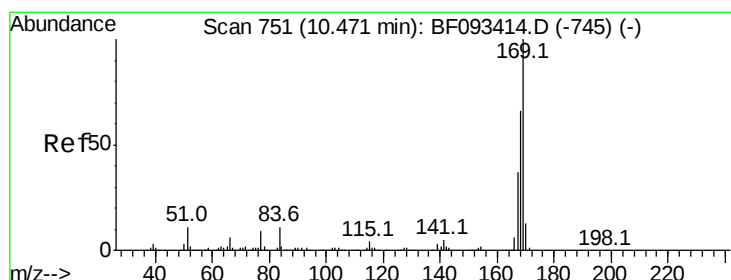
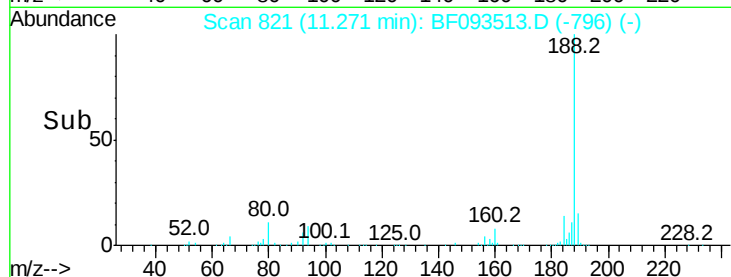
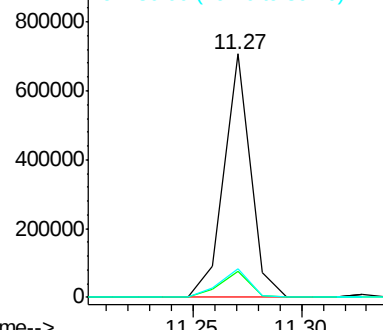
80 11.6 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 39.32 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

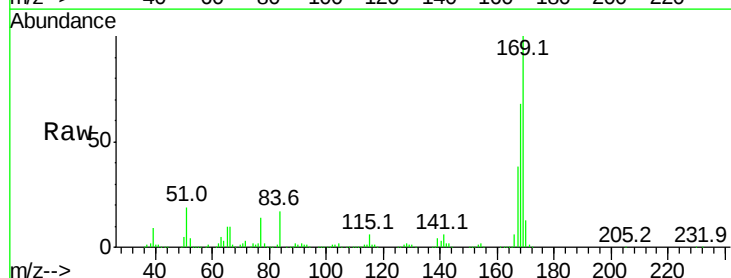
Tgt Ion:169 Resp: 786780

Ion Ratio Lower Upper

169 100

168 68.3 54.2 81.2

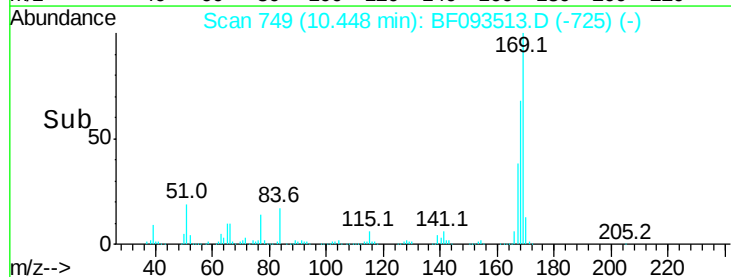
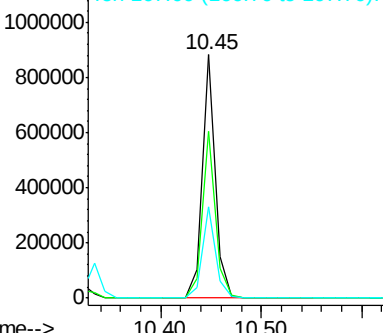
167 37.6 30.2 45.4

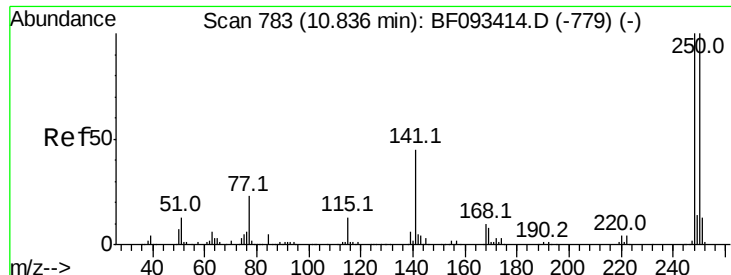


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

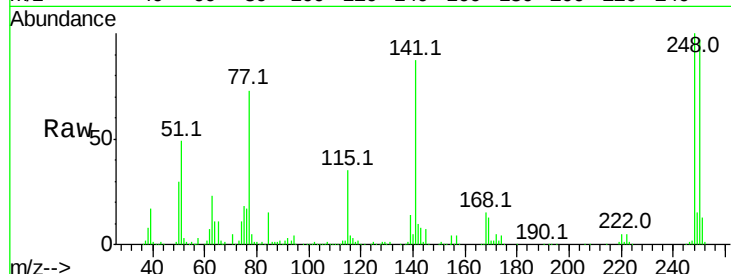




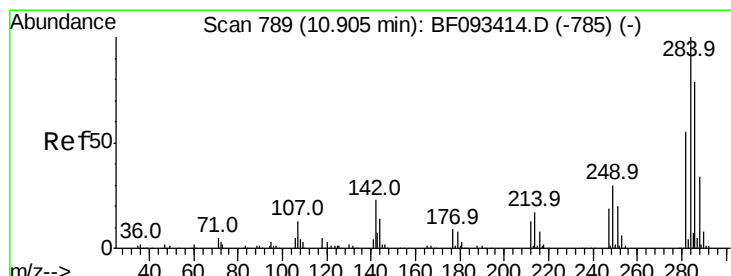
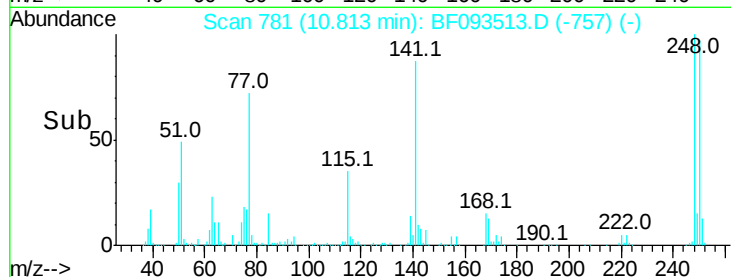
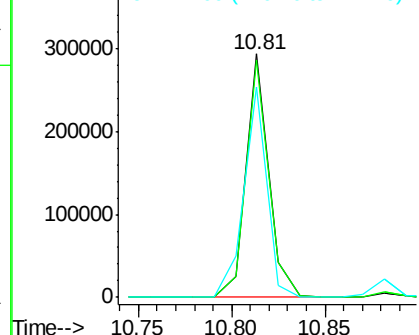
#66
 4-Bromophenyl-phenylether
 Concen: 39.33 ng
 RT: 10.81 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 249254
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 86.6 68.2 102.4

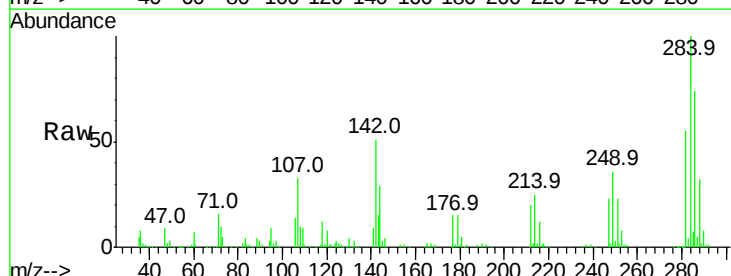


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

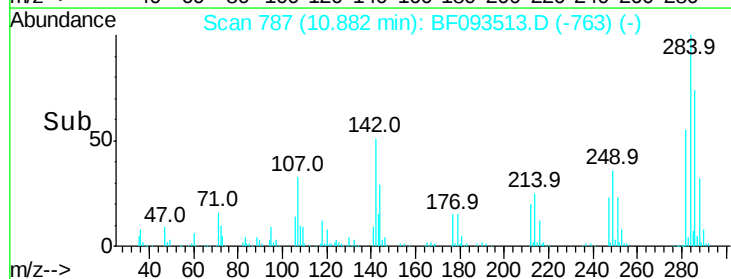
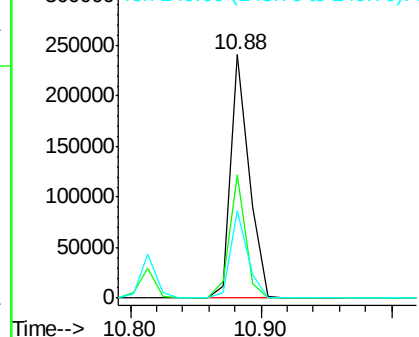


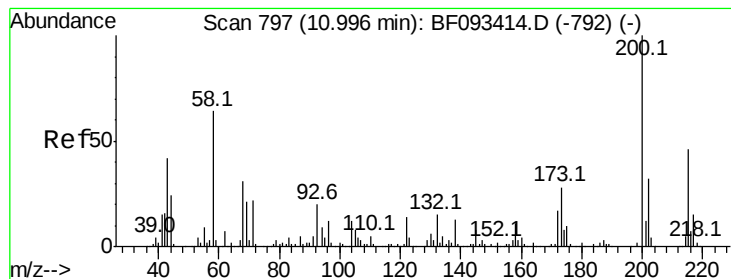
#67
 Hexachlorobenzene
 Concen: 39.24 ng
 RT: 10.88 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:284 Resp: 237410
 Ion Ratio Lower Upper
 284 100
 142 50.8 22.6 33.8#
 249 36.1 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 51.67 ng

RT: 10.98 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

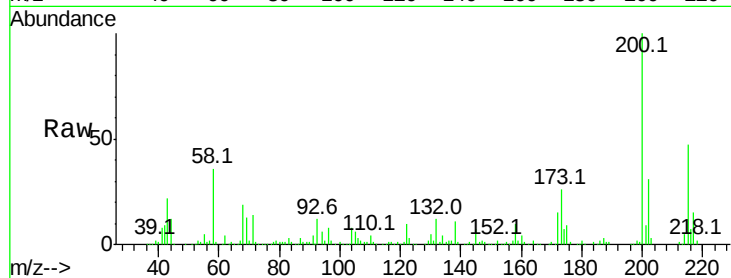
Tot Ion:200 Resp: 302613

Ion Ratio Lower Upper

200 100

173 26.4 9.6 49.6

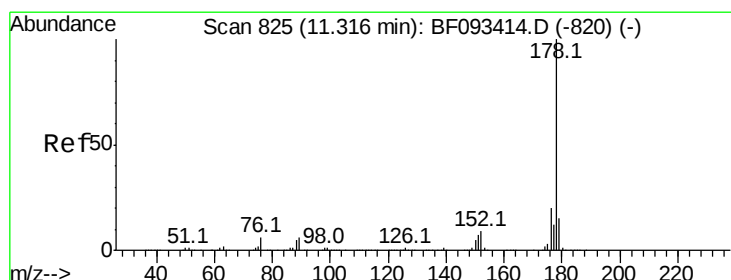
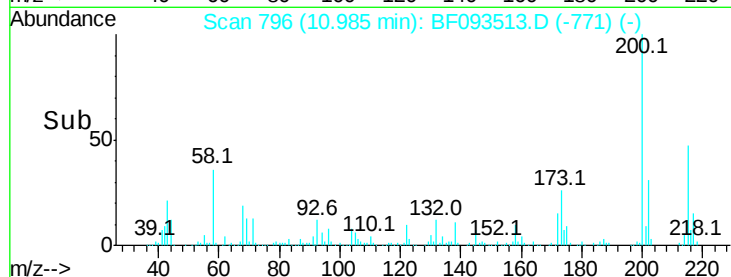
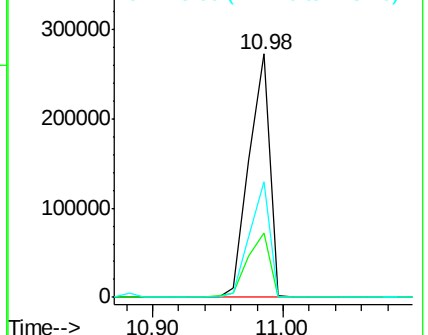
215 47.3 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Phenanthrene

Concen: 37.17 ng

RT: 11.29 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

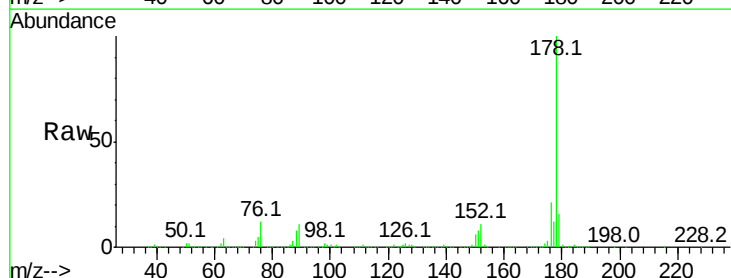
Tgt Ion:178 Resp: 1271242

Ion Ratio Lower Upper

178 100

176 20.7 16.6 25.0

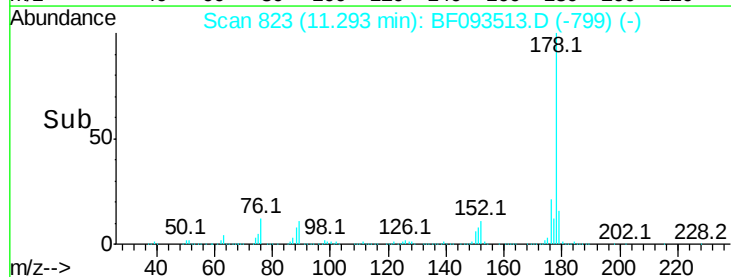
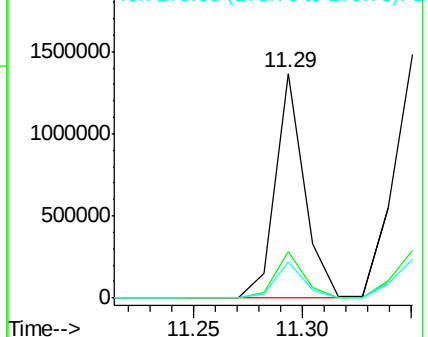
179 15.9 12.8 19.2

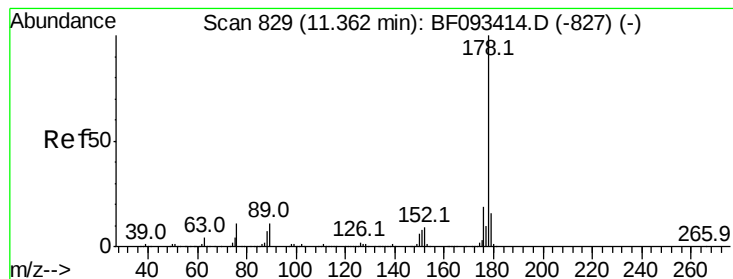


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.37 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

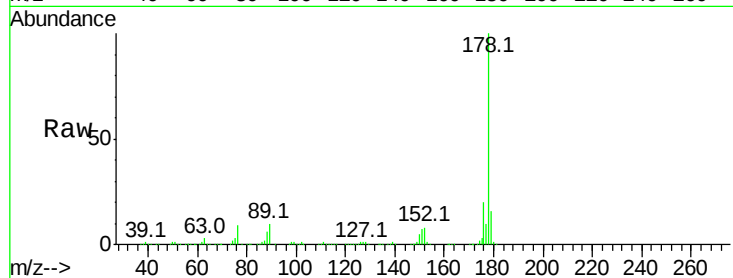
Tot Ion:178 Resp: 1465911

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

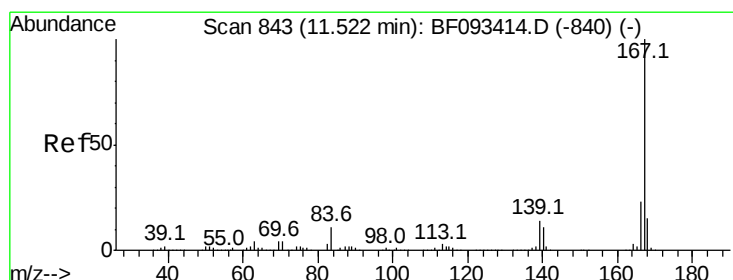
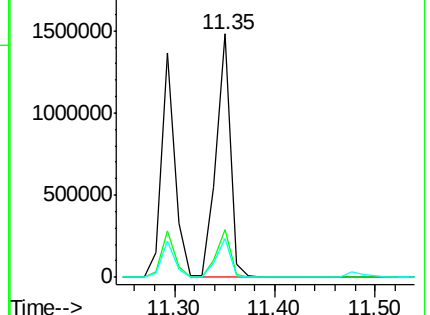
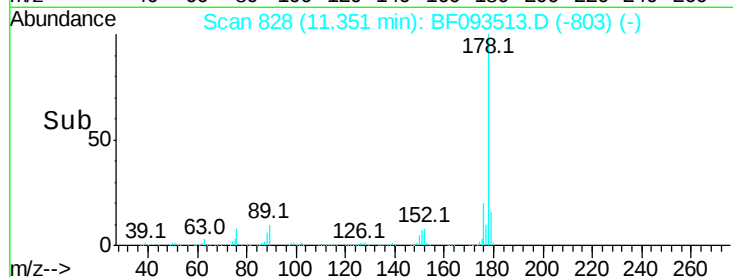
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.93 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

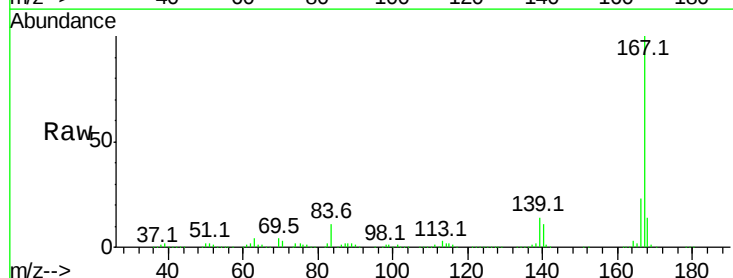
Tgt Ion:167 Resp: 1200247

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

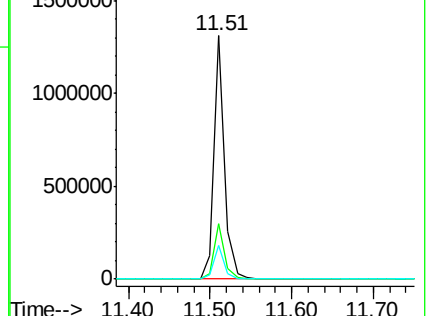
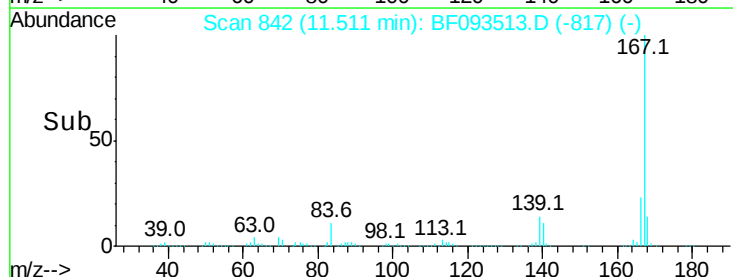
139 13.8 11.4 17.2

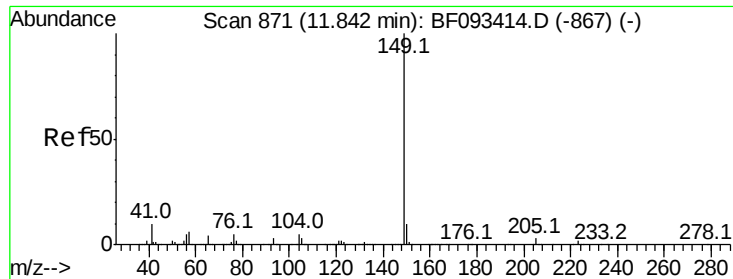


Abundance Ion 167.00 (166.70 to 167.70): E

1500000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

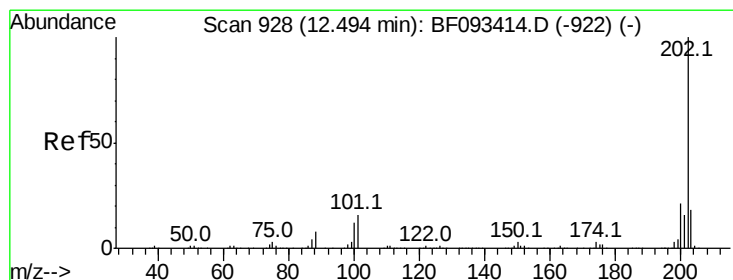
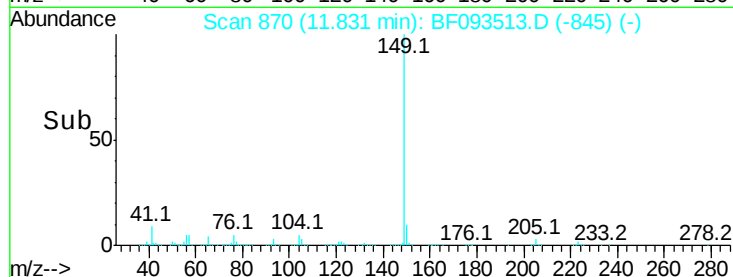
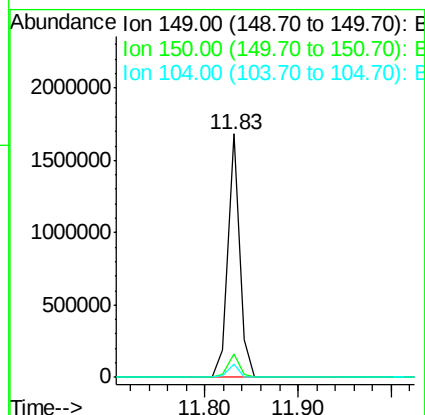
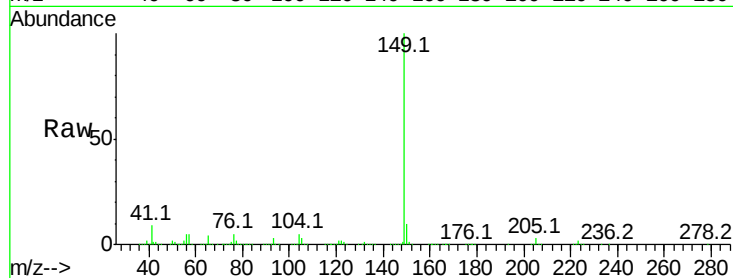




#73
Di-n-butylphthalate
Concen: 38.98 ng
RT: 11.83 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

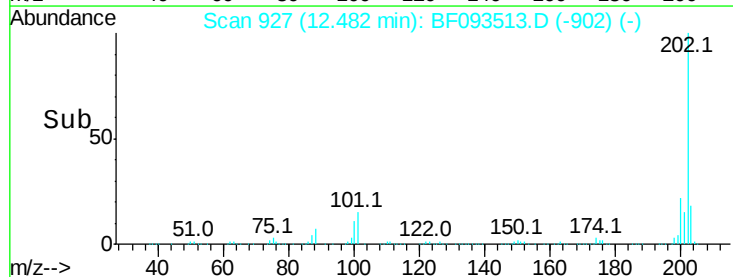
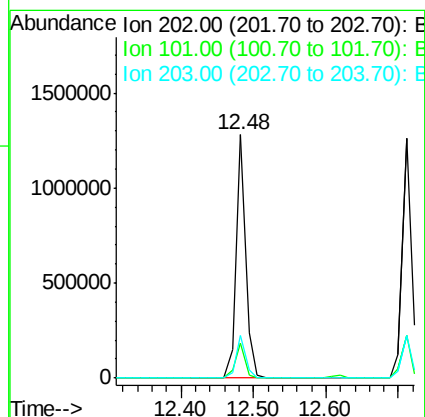
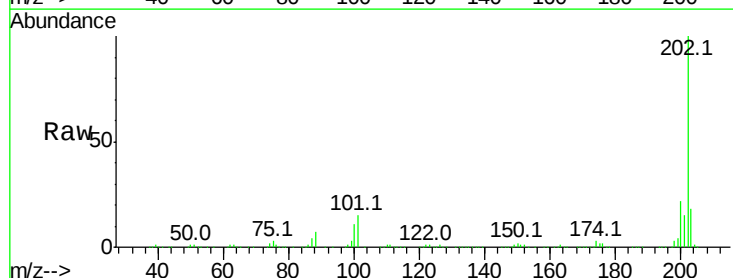
Instrument :
BNA_F
ClientSampleId :

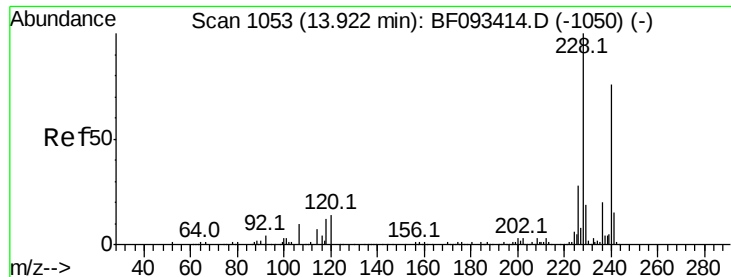
Tot Ion:149 Resp: 1465741
Ion Ratio Lower Upper
149 100
150 9.6 8.1 12.1
104 5.2 4.6 7.0



#74
Fluoranthene
Concen: 35.28 ng
RT: 12.48 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:202 Resp: 1165722
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.6
203 17.6 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

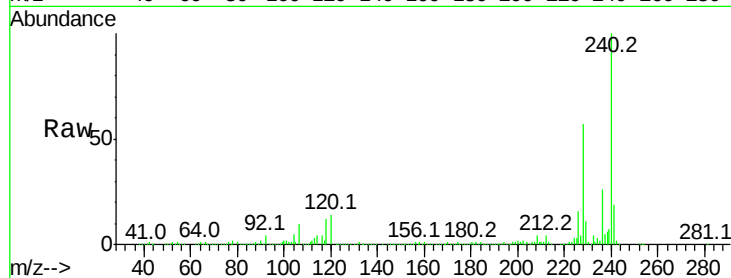
Tot Ion:240 Resp: 404183

Ion Ratio Lower Upper

240 100

120 14.0 12.9 19.3

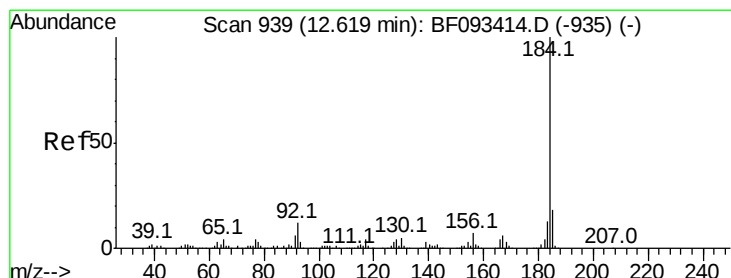
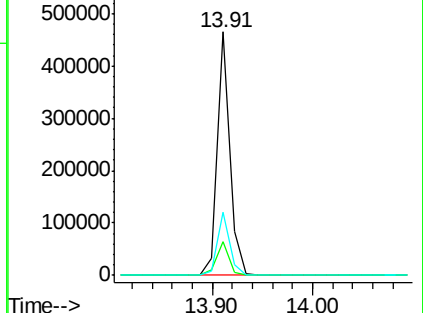
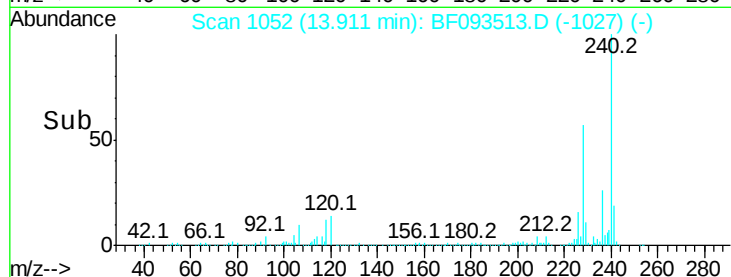
236 26.1 20.9 31.3



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



#76

Benzidine

Concen: 153.99 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

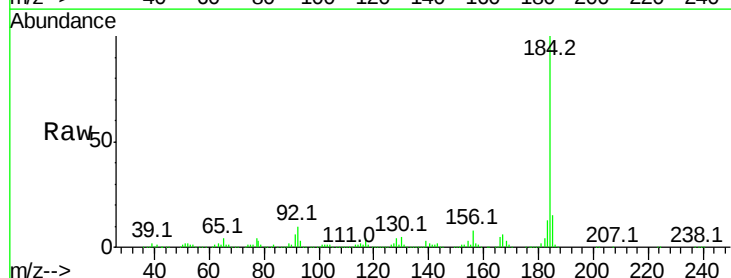
Tgt Ion:184 Resp: 2046675

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

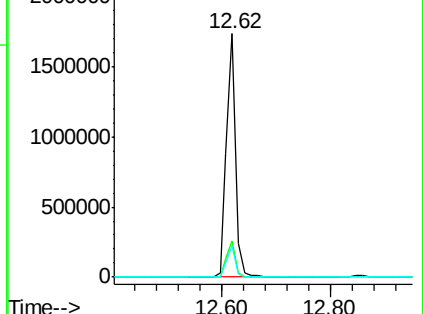
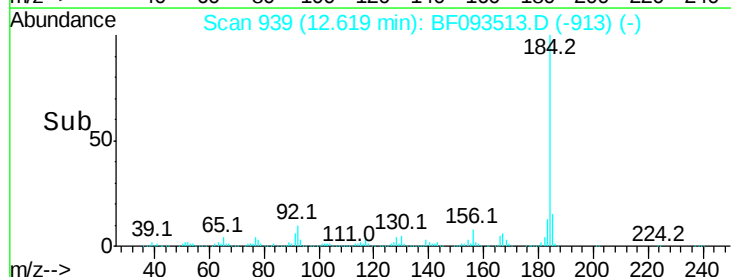
183 13.0 9.2 13.8

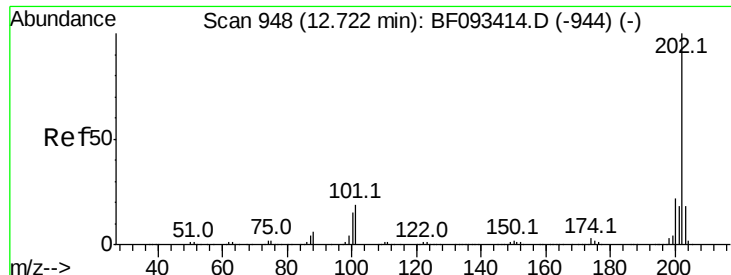


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

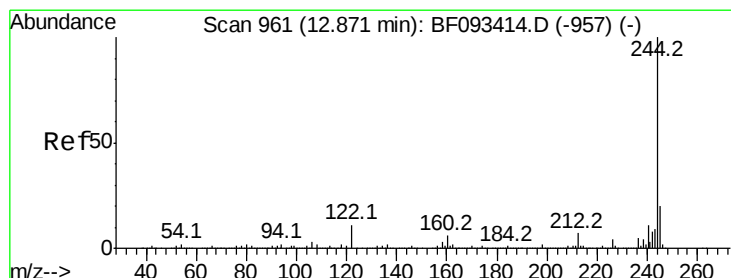
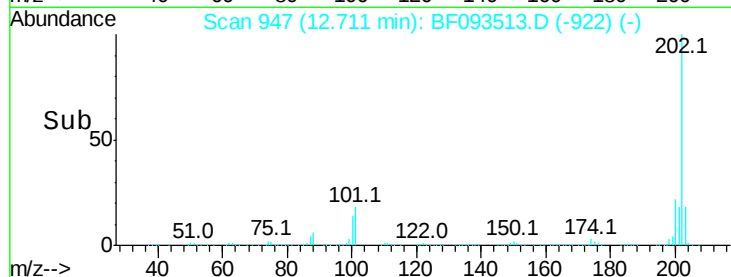
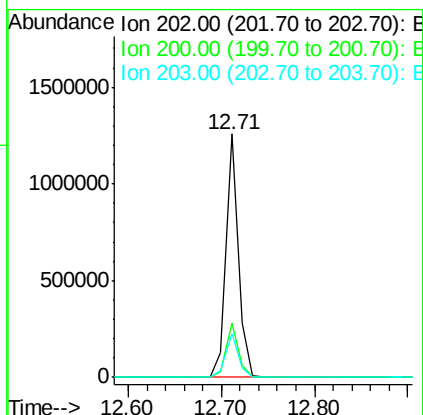
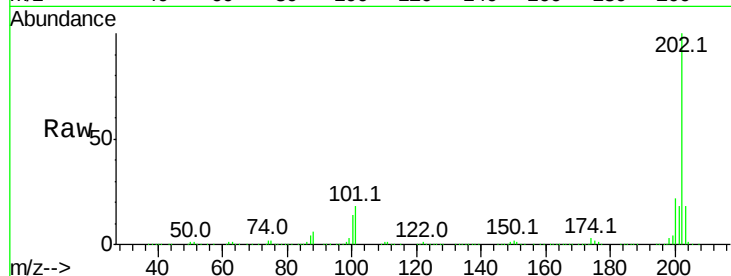




#77
Pvrene
Concen: 39.30 ng
RT: 12.71 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

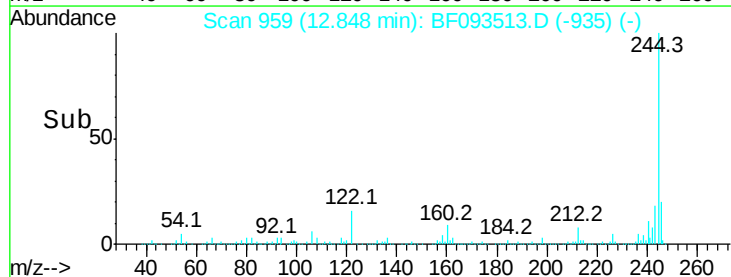
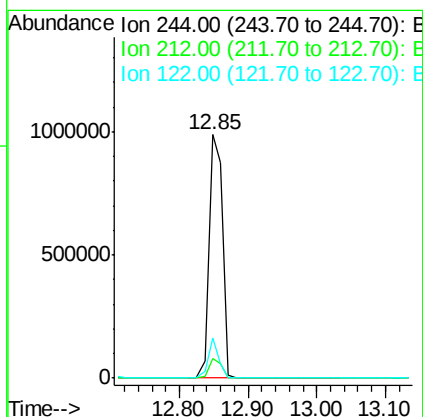
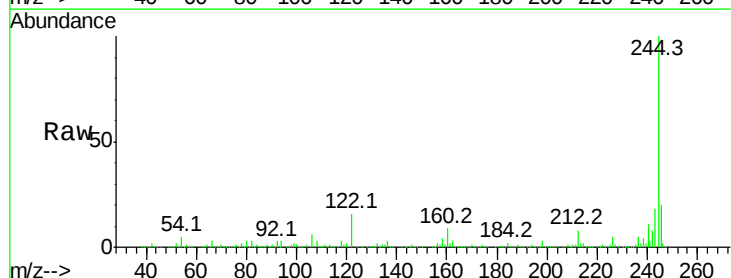
Instrument :
BNA_F
ClientSampleId :

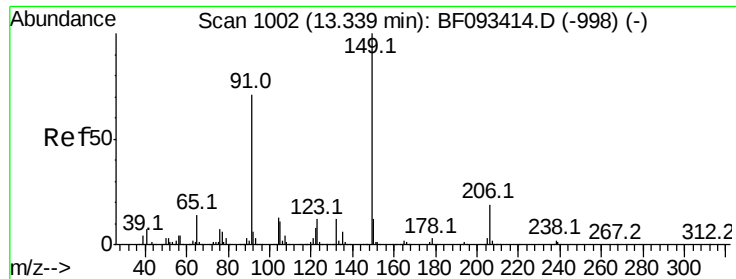
Tot Ion:202 Resp: 1155371
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.8 14.7 22.1



#78
Terphenyl-d14
Concen: 86.31 ng
RT: 12.85 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:244 Resp: 1341729
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 16.3 11.4 17.2

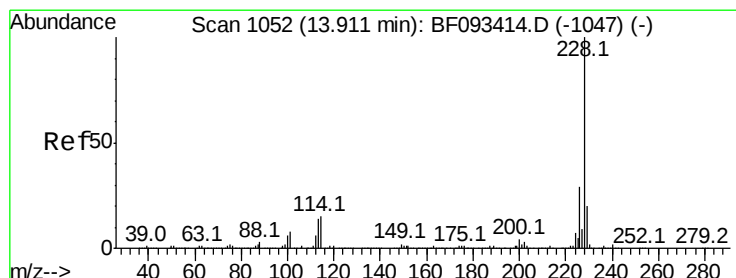
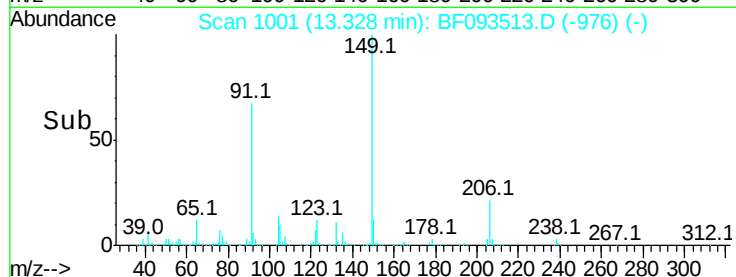
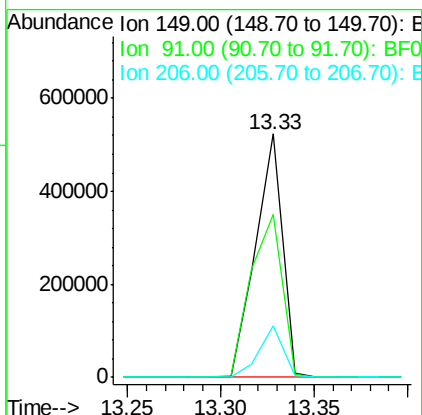
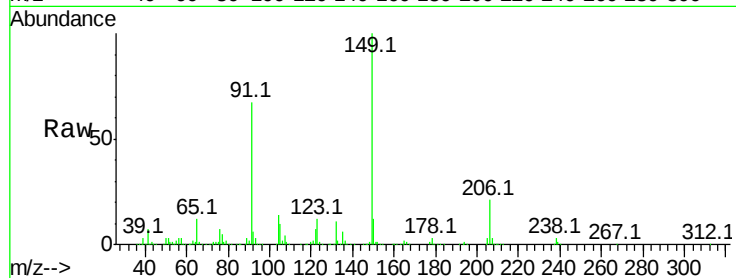




#79
Butylbenzylphthalate
Concen: 42.39 ng
RT: 13.33 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

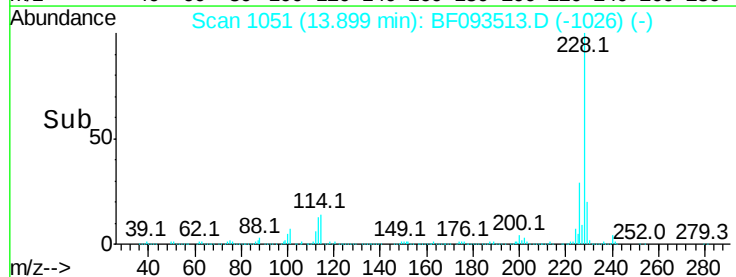
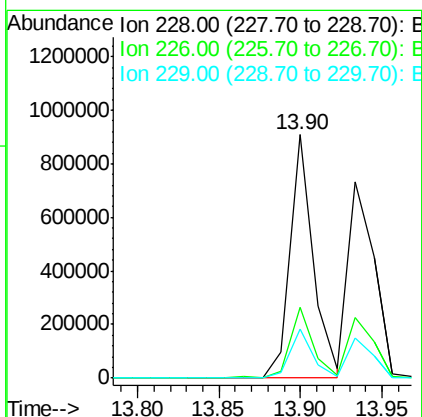
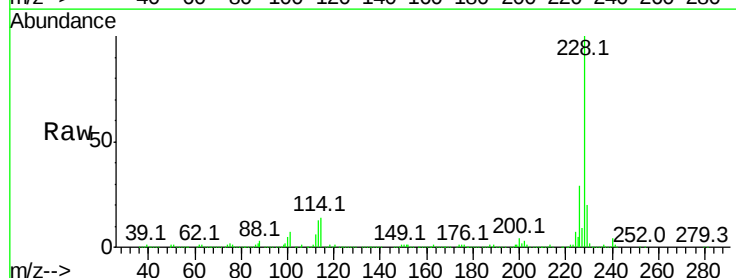
Instrument :
BNA_F
ClientSampleId :

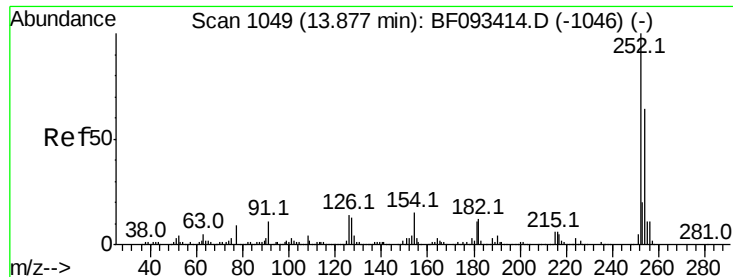
Tot Ion:149 Resp: 524591
Ion Ratio Lower Upper
149 100
91 66.8 63.9 95.9
206 21.0 14.6 21.8



#80
Benzo(a)anthracene
Concen: 37.66 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:228 Resp: 898847
Ion Ratio Lower Upper
228 100
226 28.9 22.4 33.6
229 20.2 16.2 24.4

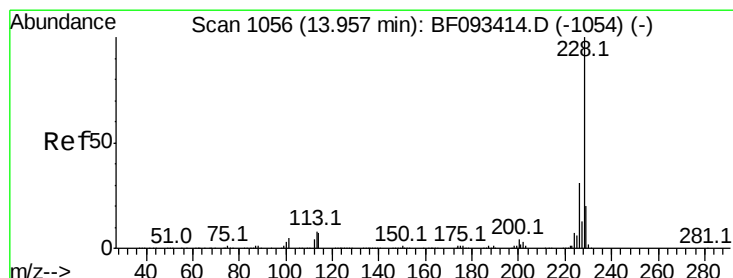
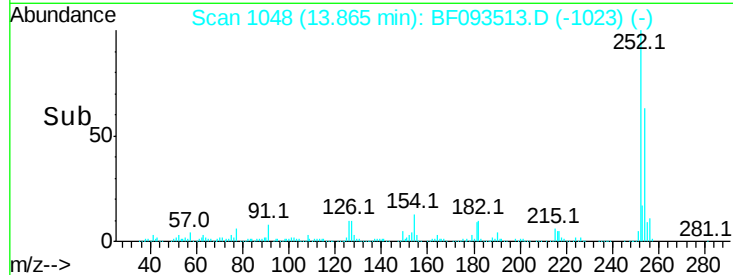
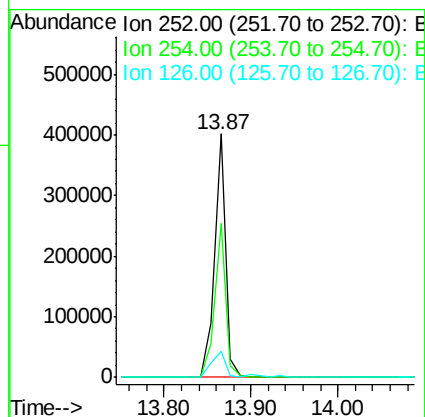
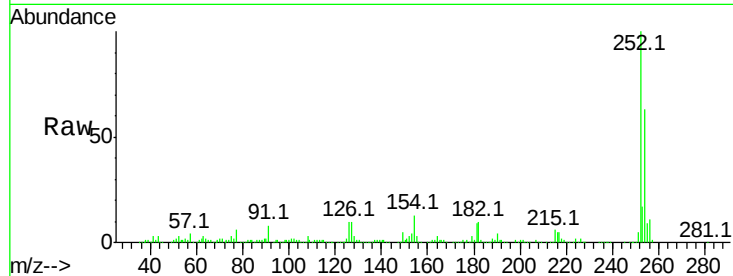




#81
 3,3'-Dichlorobenzidine
 Concen: 43.42 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

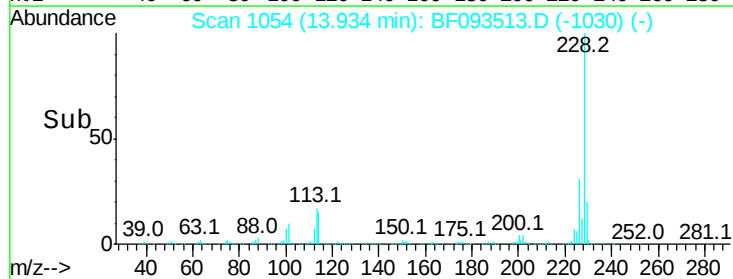
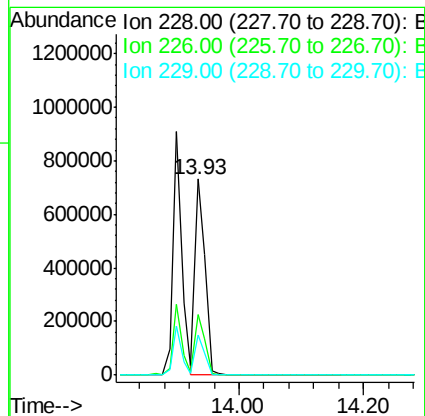
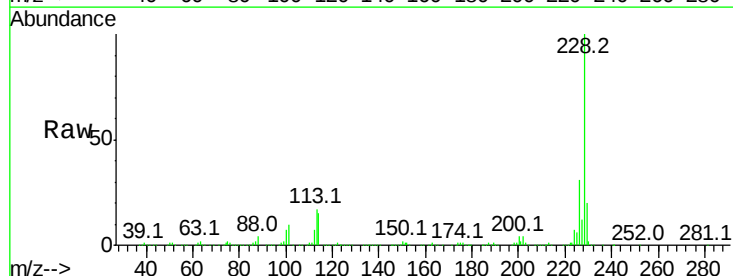
Instrument :
 BNA_F
 ClientSampleId :

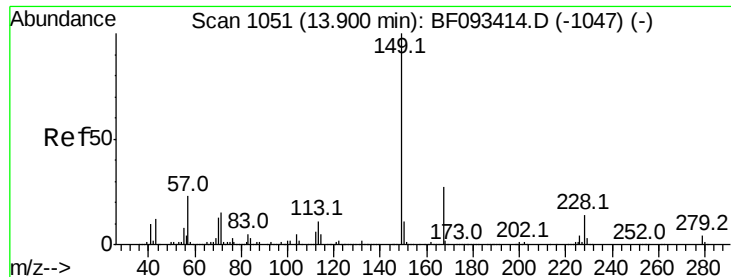
Tot Ion:252 Resp: 363003
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.3 78.5
 126 10.4 13.6 20.4#



#82
 Chrysene
 Concen: 37.82 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:228 Resp: 835150
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 20.3 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.15 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

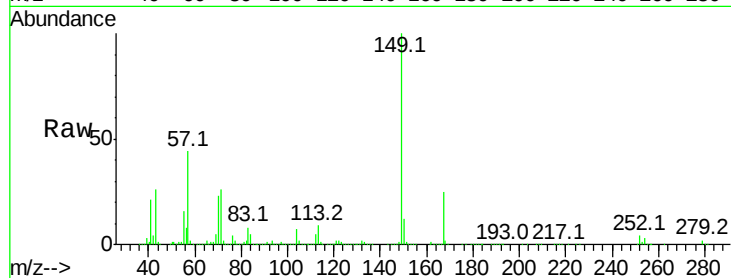
Tot Ion:149 Resp: 761445

Ion Ratio Lower Upper

149 100

167 25.0 20.2 30.4

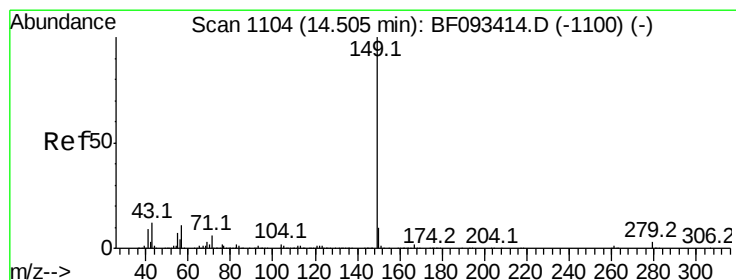
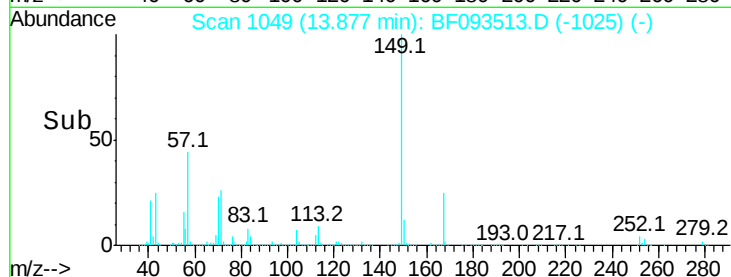
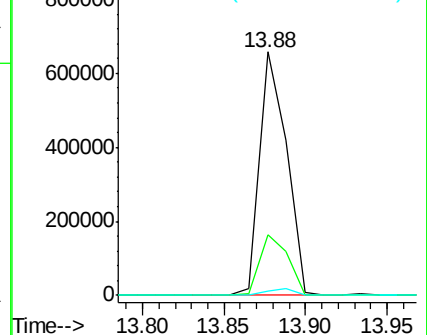
279 1.7 1.8 2.8#



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: 41.08 ng

RT: 14.49 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

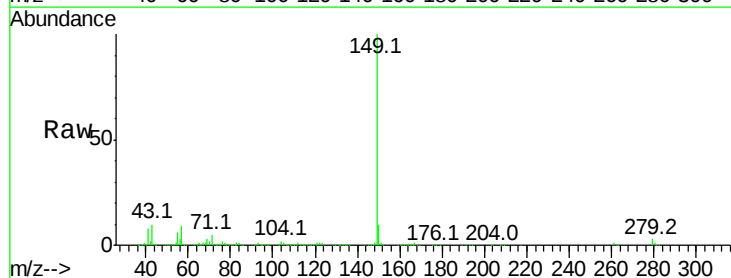
Tgt Ion:149 Resp: 1180906

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

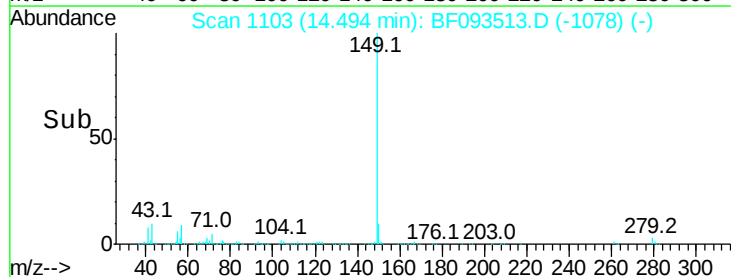
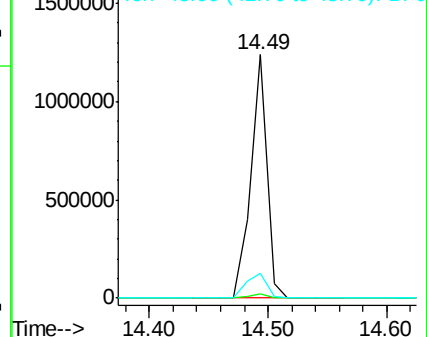
43 12.8 8.9 13.3

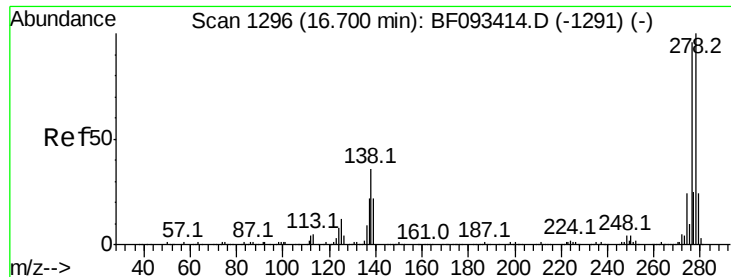


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

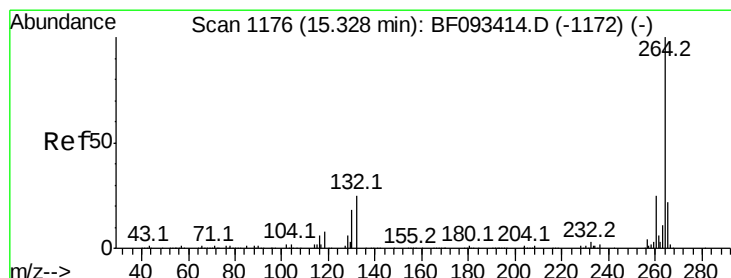
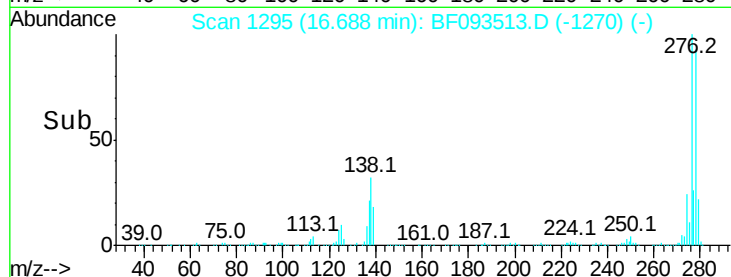
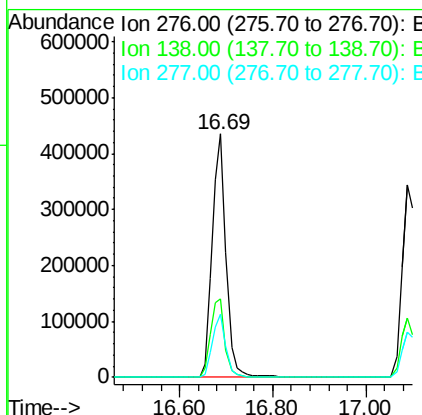
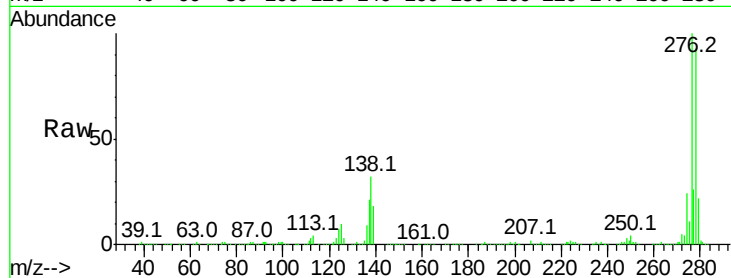




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.06 ng
 RT: 16.69 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

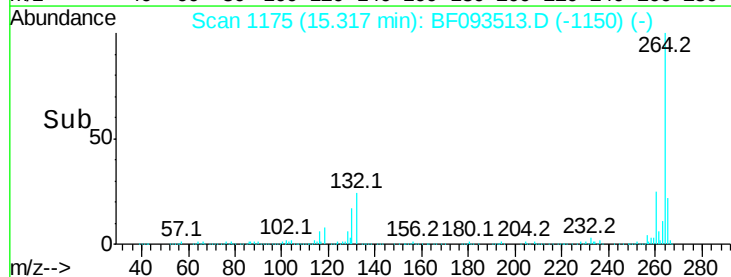
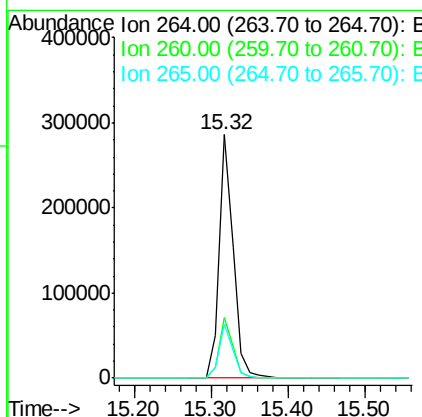
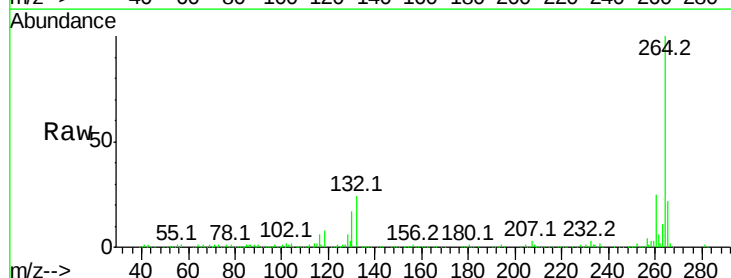
Instrument :
 BNA_F
 ClientSampleId :

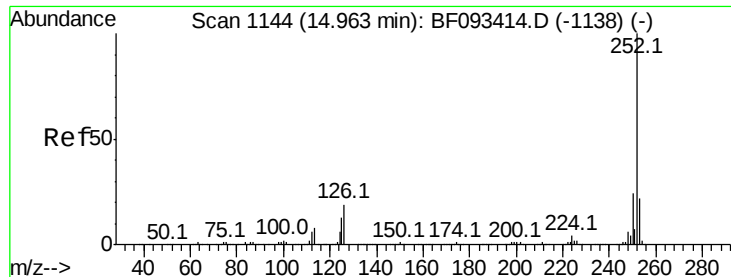
Tot Ion:276 Resp: 906873
 Ion Ratio Lower Upper
 276 100
 138 33.7 21.8 32.6#
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:264 Resp: 368282
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 22.3 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 78.54 ng

RT: 14.95 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

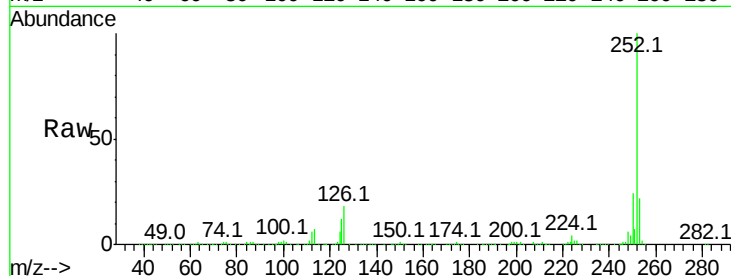
Tot Ion:252 Resp: 1761589

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

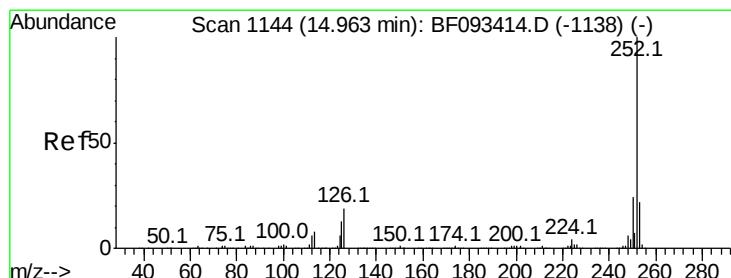
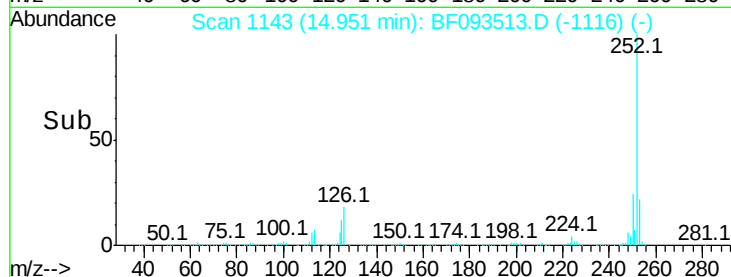
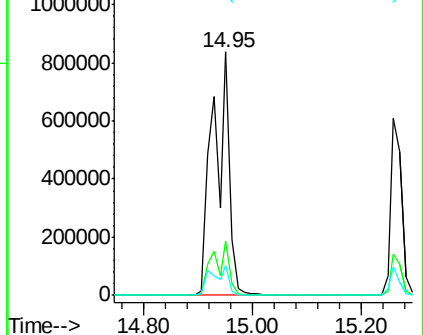
125 12.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 81.44 ng

RT: 14.95 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

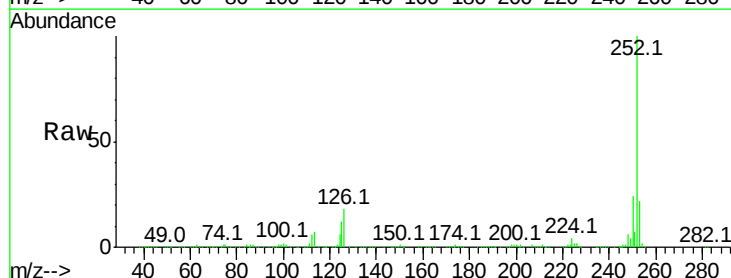
Tgt Ion:252 Resp: 1761589

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

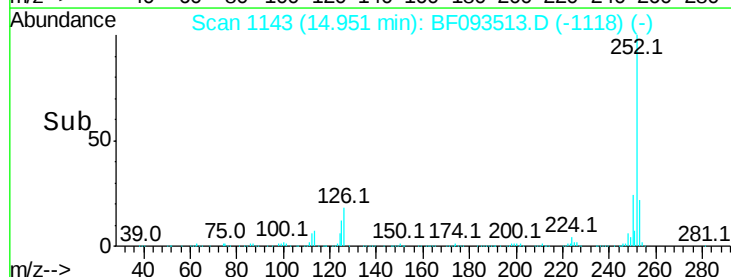
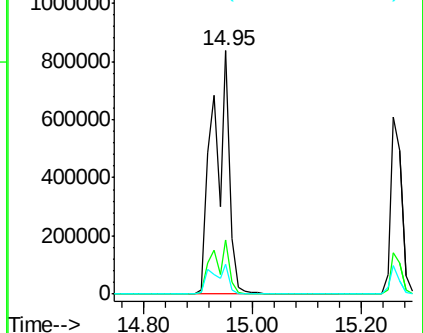
125 12.2 8.9 13.3

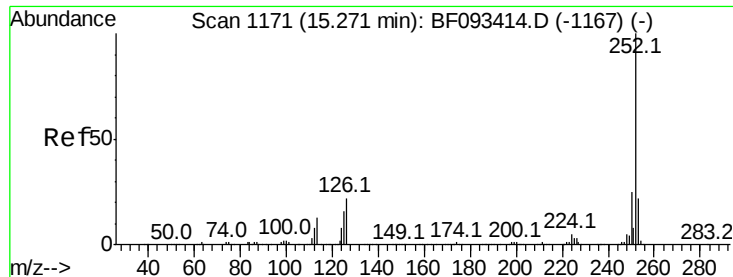


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

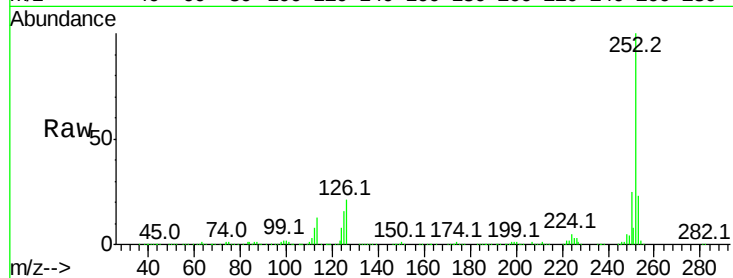




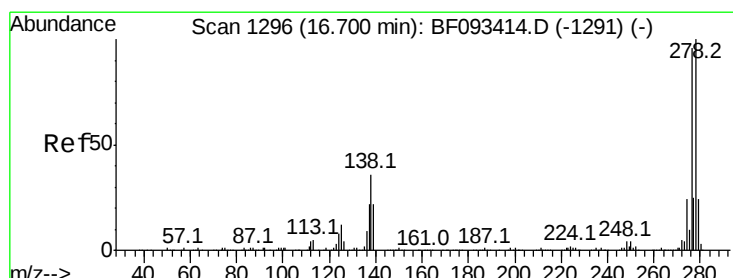
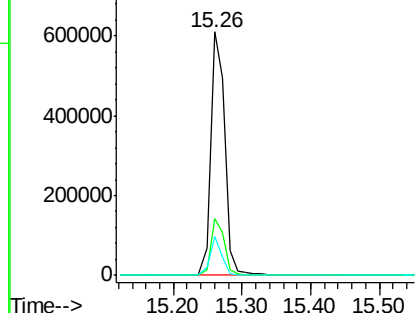
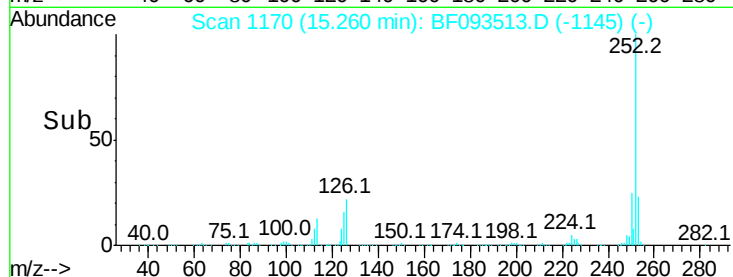
#89
Benzo(a)pyrene
Concen: 42.33 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 867716
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 15.9 10.0 15.0#

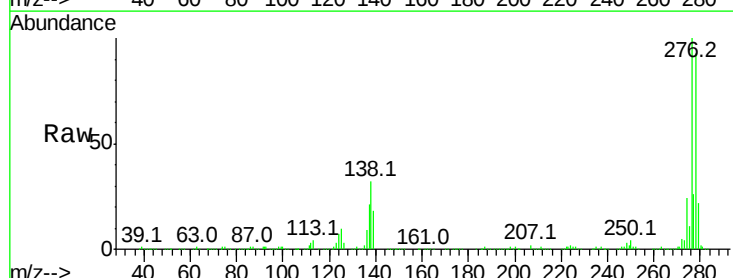


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

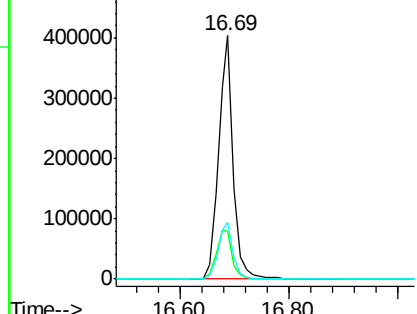
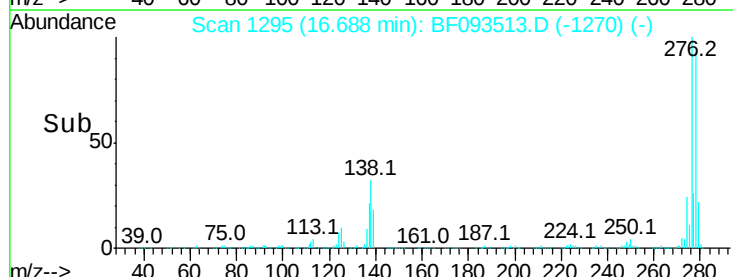


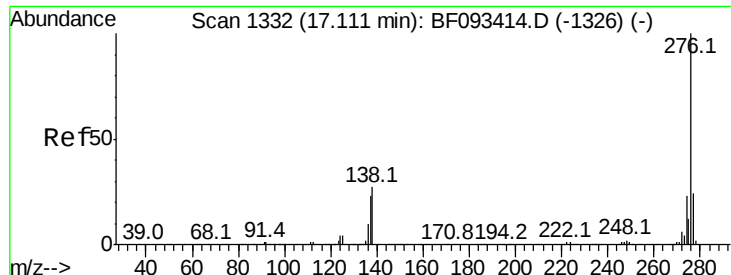
#90
Dibenzo(a,h)anthracene
Concen: 45.34 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:278 Resp: 768980
Ion Ratio Lower Upper
278 100
139 19.9 14.8 22.2
279 23.5 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

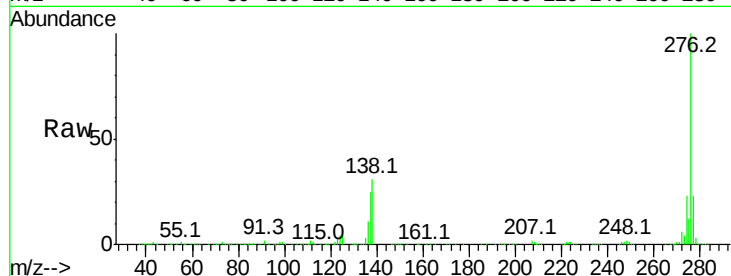




#91
 Benzo(a,h,i)perylene
 Concen: 44.27 ng
 RT: 17.09 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	30.9	16.0	24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

