

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093508.D
 Acq On : 10 Mar 2017 7:16
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 07:44:52 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	545029	20.00	ng	0.14
21) Naphthalene-d8	8.04	136	755282	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	345434	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	585880	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	382436	20.00	ng	-0.01
86) Perylene-d12	15.32	264	364409	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	979879	29.92	ng	0.00
7) Phenol-d6	6.41	99	1072790	25.98	ng	0.00
23) Nitrobenzene-d5	7.33	82	1115447	81.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	186167	82.72	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1441914	77.64	ng	-0.02
78) Terphenyl-d14	12.85	244	1279963	87.02	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.24	88	255956	14.19	ng	88
3) Pyridine	2.94	79	743983	16.18	ng	89
4) n-Nitrosodimethylamine	2.90	42	337459	15.36	ng	80
6) Aniline	6.49	93	539126	9.51	ng	# 23
8) 2-Chlorophenol	6.54	128	508272	13.85	ng	91
9) Benzaldehyde	6.30	77	387088	11.64	ng	87
10) Phenol	6.42	94	768459	15.19	ng	92
11) bis(2-Chloroethyl)ether	6.49	93	539126	13.18	ng	95
12) 1,3-Dichlorobenzene	6.77	146	598250	14.24	ng	# 92
13) 1,4-Dichlorobenzene	6.92	146	500885	11.65	ng	98
14) 1,2-Dichlorobenzene	6.92	146	500885	13.15	ng	96
15) Benzyl Alcohol	6.92	79	402769	13.68	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	920687	13.55	ng	# 39
17) 2-Methylphenol	7.19	107	606598	19.55	ng	# 76
18) Hexachloroethane	7.26	117	202806	13.99	ng	91
19) n-Nitroso-di-n-propylamine	7.18	70	418244	14.73	ng	95
20) 3+4-Methylphenols	7.19	107	606598	15.07	ng	# 74
22) Acetophenone	7.17	105	768389	42.28	ng	96
24) Nitrobenzene	7.35	77	667172	43.61	ng	92
25) Isophorone	7.59	82	1116474	40.67	ng	98
26) 2-Nitrophenol	7.66	139	276354	39.59	ng	# 84
27) 2,4-Dimethylphenol	7.72	122	436020	38.40	ng	94
28) bis(2-Chloroethoxy)methane	7.80	93	719616	41.53	ng	99
29) 2,4-Dichlorophenol	7.91	162	442352	41.41	ng	85
30) 1,2,4-Trichlorobenzene	7.98	180	433362	38.15	ng	# 92
31) Naphthalene	8.06	128	1439711	38.04	ng	99
32) Benzoic acid	7.86	122	290749	49.28	ng	95
33) 4-Chloroaniline	8.13	127	604926	39.38	ng	96
34) Hexachlorobutadiene	8.17	225	241296	41.24	ng	99
35) Caprolactam	8.50	113	136850	37.51	ng	# 17
36) 4-Chloro-3-methylphenol	8.62	107	473657	41.54	ng	98
37) 2-Methylnaphthalene	8.74	142	924365	38.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	413906	43.88	ng	100
40) Hexachlorocyclopentadiene	8.89	237	45249	28.22	ng	97

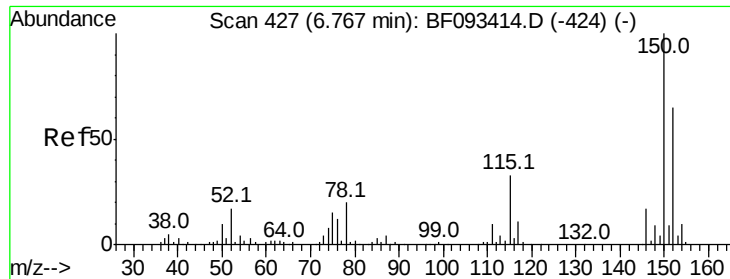
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093508.D
 Acq On : 10 Mar 2017 7:16
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 07:44:52 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)
42) 2,4,6-Trichlorophenol	9.04	196	274227	46.53	nq	91
43) 2,4,5-Trichlorophenol	9.09	196	290135	45.88	nq	95
45) 1,1'-Biphenyl	9.21	154	1120647	44.53	nq	97
46) 2-Chloronaphthalene	9.24	162	859964	44.65	nq	95
47) 2-Nitroaniline	9.35	65	357118	52.45	nq	95
48) Acenaphthylene	9.65	152	1322672	41.64	nq	99
49) Dimethylphthalate	9.52	163	1027976	44.89	nq	100
50) 2,6-Dinitrotoluene	9.59	165	219075	43.60	nq	# 64
51) Acenaphthene	9.82	154	767859	40.88	nq	96
52) 3-Nitroaniline	9.76	138	257852	42.71	nq	93
53) 2,4-Dinitrophenol	9.90	184	40123	17.53	nq	# 72
54) Dibenzofuran	9.99	168	1054004	44.83	nq	100
55) 4-Nitrophenol	9.99	139	528184	180.13	nq	# 8
56) 2,4-Dinitrotoluene	10.00	165	287536	46.58	nq	93
57) Fluorene	10.33	166	843619	42.34	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.13	232	197839	44.33	nq	97
59) Diethylphthalate	10.22	149	1014557	46.35	nq	95
60) 4-Chlorophenyl-phenylether	10.33	204	407148	45.59	nq	# 73
61) 4-Nitroaniline	10.38	138	226222	36.64	nq	97
62) Azobenzene	10.48	77	1157678	46.55	nq	91
64) 4,6-Dinitro-2-methylphenol	10.41	198	89542	23.59	nq	# 18
65) n-Nitrosodiphenylamine	10.45	169	748935	38.28	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	231784	37.41	nq	95
67) Hexachlorobenzene	10.88	284	223269	37.74	nq	# 68
68) Atrazine	10.98	200	270244	47.20	nq	98
69) Pentachlorophenol	11.10	266	54788	26.82	nq	98
70) Phenanthrene	11.29	178	1223296	36.58	nq	99
71) Anthracene	11.35	178	1304713	38.57	nq	99
72) Carbazole	11.51	167	1164429	36.64	nq	99
73) Di-n-butylphthalate	11.83	149	1396685	37.99	nq	98
74) Fluoranthene	12.48	202	1082395	33.51	nq	98
76) Benzidine	12.62	184	677419	53.87	nq	99
77) Pyrene	12.71	202	1062486	38.20	nq	99
79) Butylbenzylphthalate	13.33	149	525541	44.89	nq	89
80) Benzo(a)anthracene	13.90	228	850686	37.67	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	317082	40.09	nq	# 98
82) Chrysene	13.93	228	816861	39.09	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	683482	41.88	nq	# 98
84) Di-n-octyl phthalate	14.49	149	1077890	39.63	nq	97
85) Indeno(1,2,3-cd)pyrene	16.69	276	854119	48.83	nq	# 93
87) Benzo(b)fluoranthene	14.95	252	1682241	75.80	nq	99
88) Benzo(k)fluoranthene	14.95	252	1682241	78.60	nq	98
89) Benzo(a)pyrene	15.26	252	826242	40.74	nq	# 95
90) Dibenzo(a,h)anthracene	16.69	278	733375	43.70	nq	99
91) Benzo(g,h,i)perylene	17.09	276	732357	42.52	nq	# 88

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

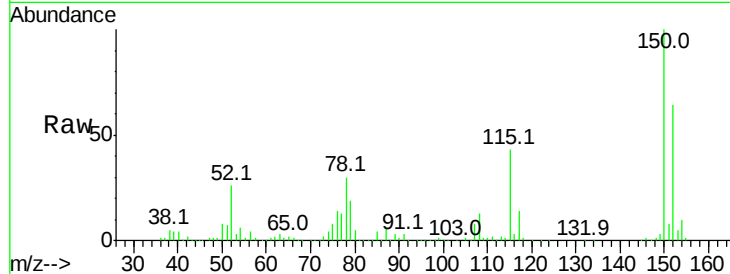


#1

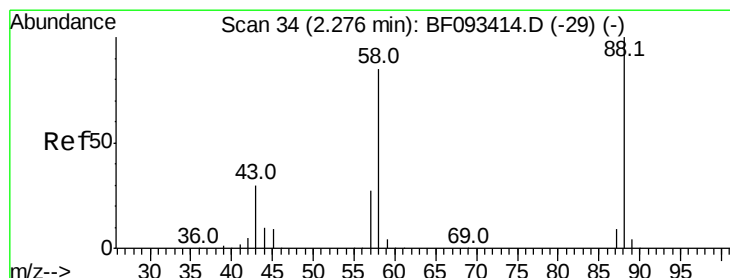
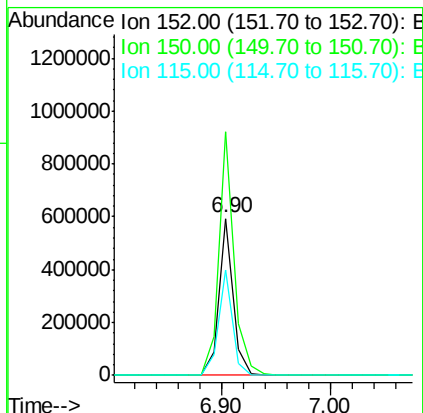
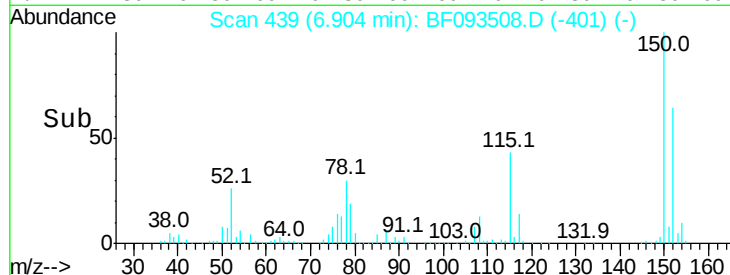
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 439
Delta R.T. 0.14 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 545029
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 66.9 46.0 69.0



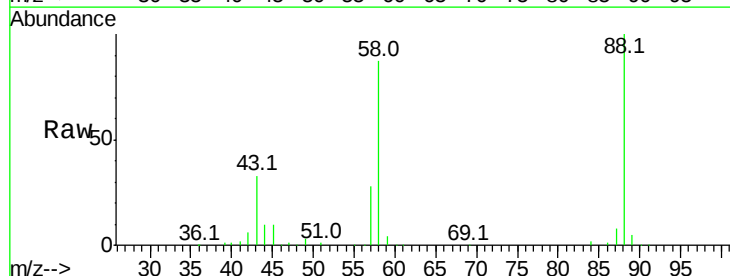
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



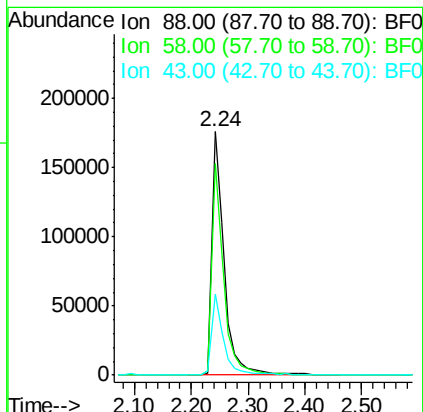
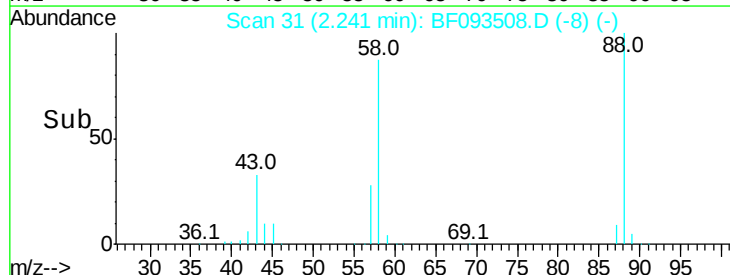
#2

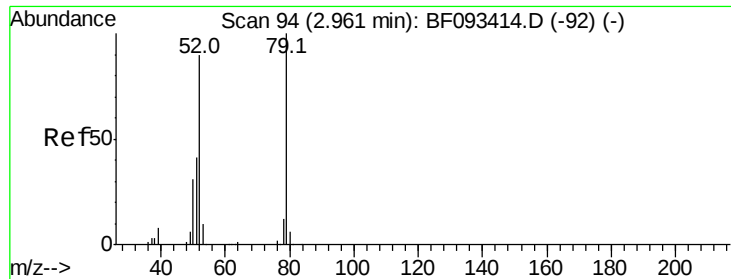
1,4-Dioxane
Concen: 14.19 ng
RT: 2.24 min Scan# 31
Delta R.T. -0.03 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion: 88 Resp: 255956
Ion Ratio Lower Upper
88 100
58 84.2 57.8 86.8
43 30.7 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

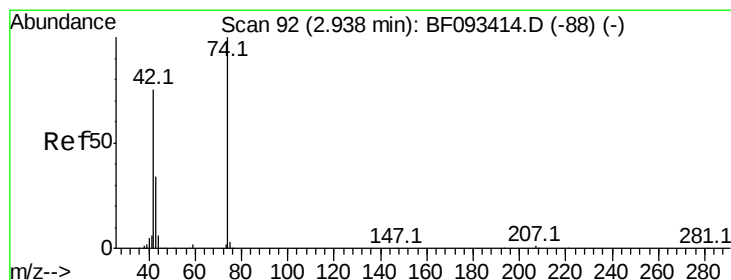
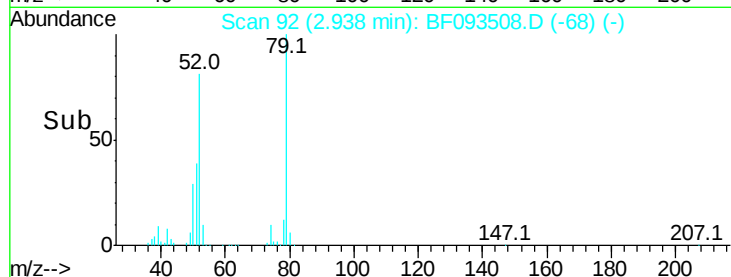
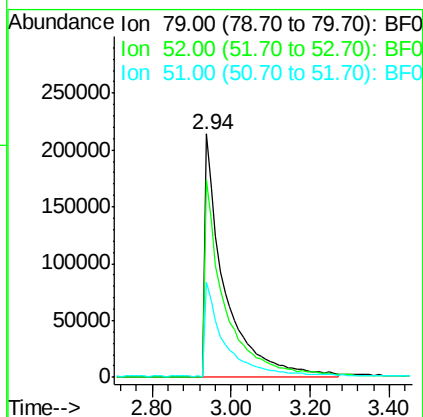
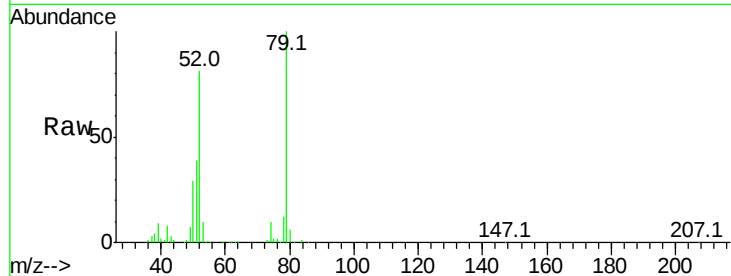




#3
 Pvridine
 Concen: 16.18 ng
 RT: 2.94 min Scan# 92
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

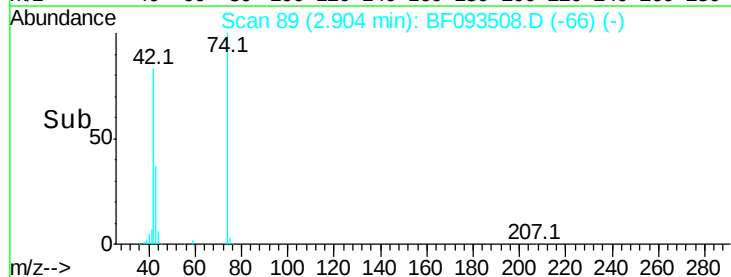
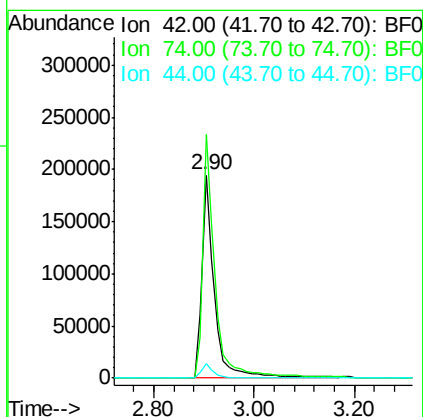
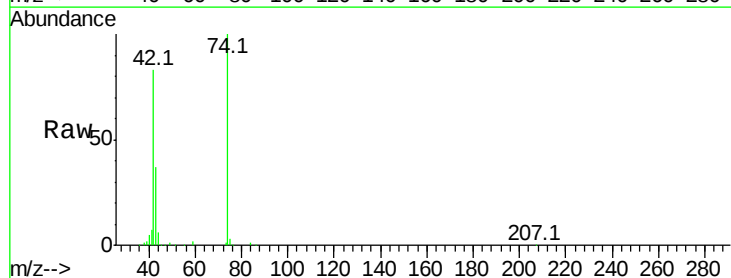
Instrument :
 BNA_F
 ClientSampleId :

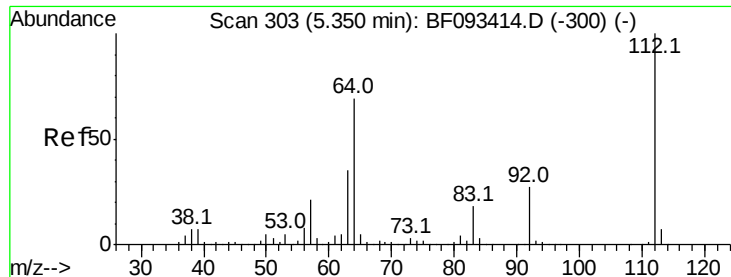
Tot Ion: 79 Resp: 743983
 Ion Ratio Lower Upper
 79 100
 52 81.4 57.1 85.7
 51 39.1 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 15.36 ng
 RT: 2.90 min Scan# 89
 Delta R.T. -0.03 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion: 42 Resp: 337459
 Ion Ratio Lower Upper
 42 100
 74 120.0 117.0 175.4
 44 7.4 5.5 8.3

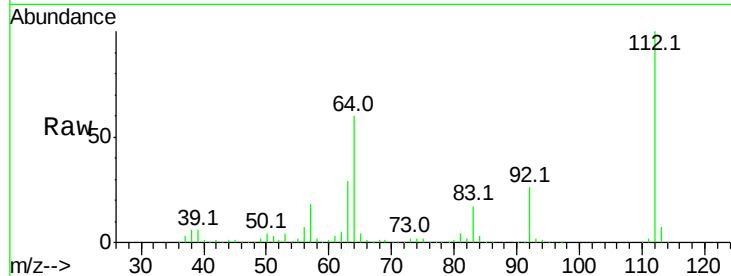




#5
 2-Fluorophenol
 Concen: 29.92 ng
 RT: 5.35 min Scan# 303
 Delta R.T. -0.00 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Instrument :
 BNA_F
 ClientSampleID :

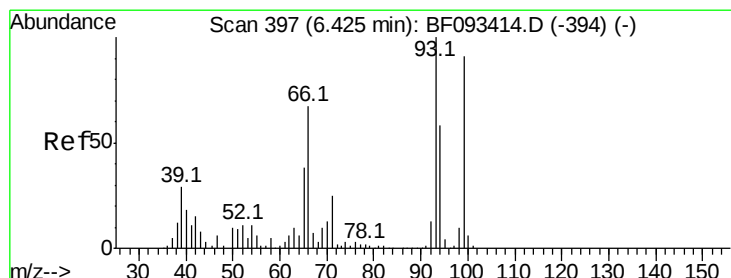
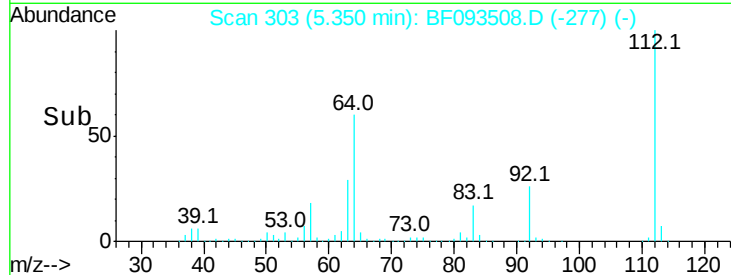
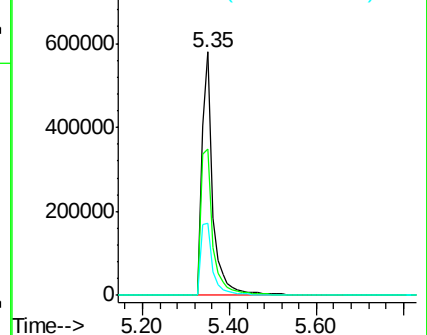
Tot Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.1	69.1
63	29.5	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): BF093414.D (-300) (-)

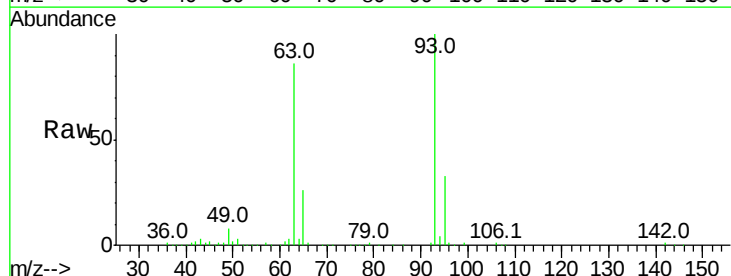
Ion 64.00 (63.70 to 64.70): BF093414.D (-300) (-)

Ion 63.00 (62.70 to 63.70): BF093414.D (-300) (-)



#6
 Aniline
 Concen: 9.51 ng
 RT: 6.49 min Scan# 403
 Delta R.T. 0.07 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

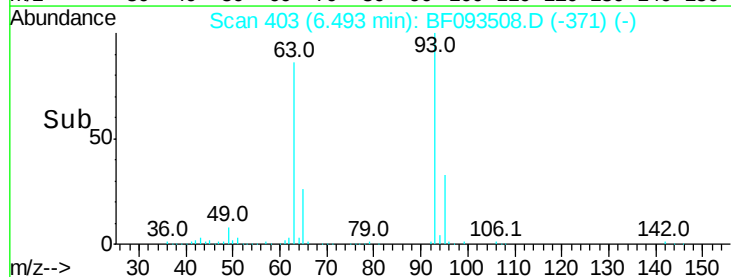
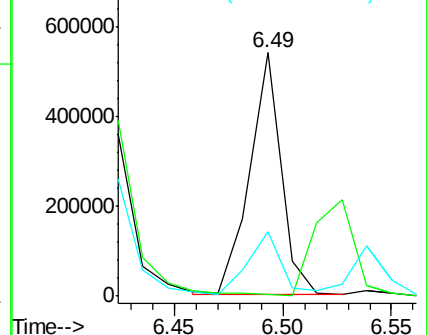
Tgt Ion	Ratio	Lower	Upper
93	100		
66	0.9	76.2	114.2#
65	26.3	49.3	73.9#

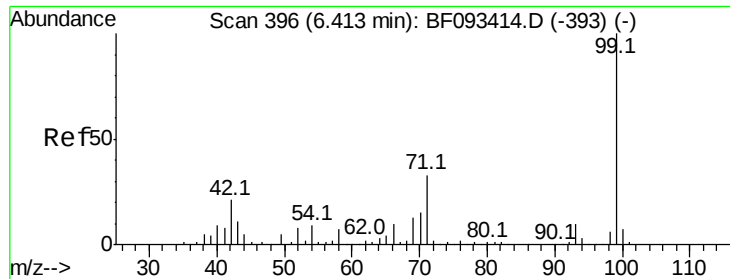


Abundance Ion 93.00 (92.70 to 93.70): BF093414.D (-394) (-)

Ion 66.00 (65.70 to 66.70): BF093414.D (-394) (-)

Ion 65.00 (64.70 to 65.70): BF093414.D (-394) (-)





#7

Phenol-d6

Concen: 25.98 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

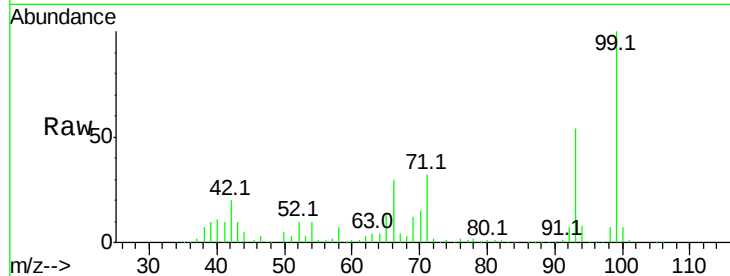
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1072790

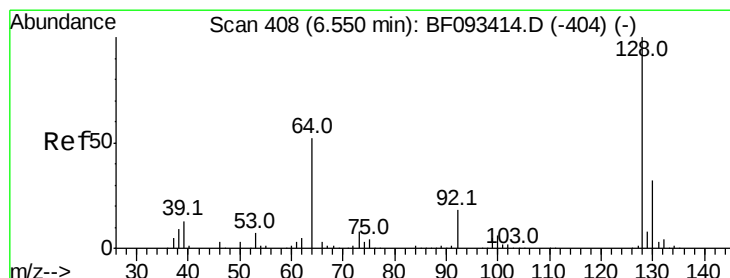
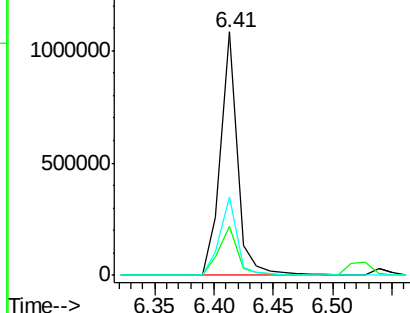
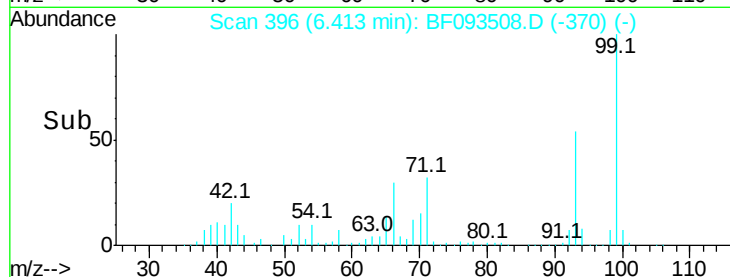
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	32.3	27.5	41.3



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: 13.85 ng

RT: 6.54 min Scan# 407

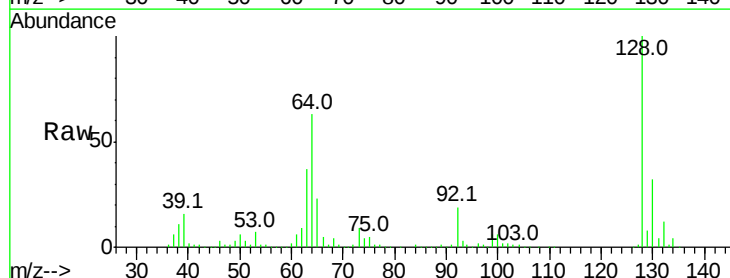
Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Tgt Ion: 128 Resp: 508272

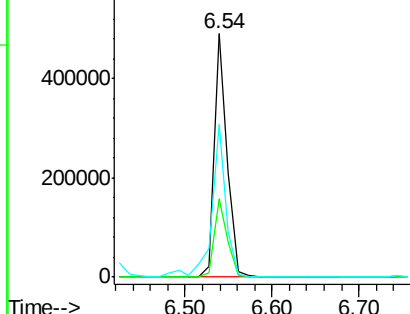
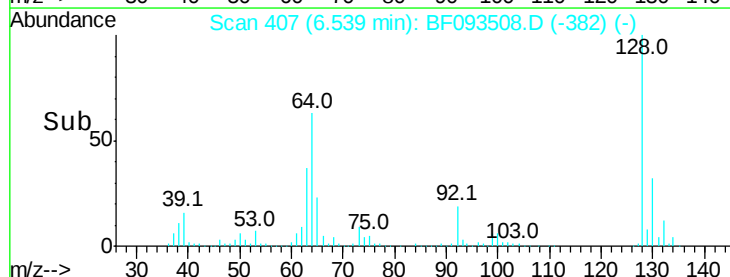
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	62.7	32.2	72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.64 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampled :

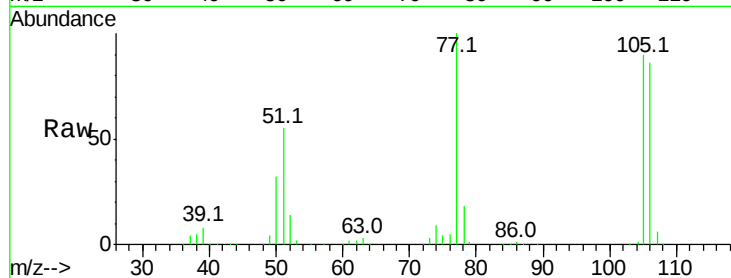
Tot Ion: 77 Resp: 387088

Ion Ratio Lower Upper

77 100

105 89.6 83.9 123.9

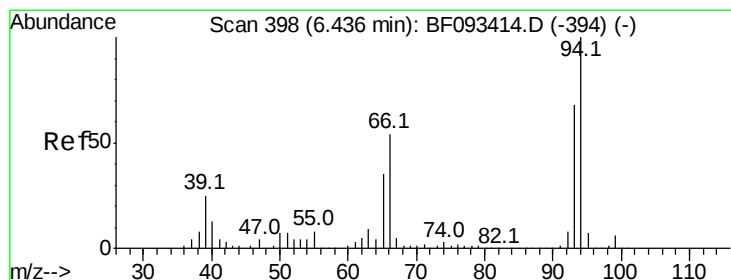
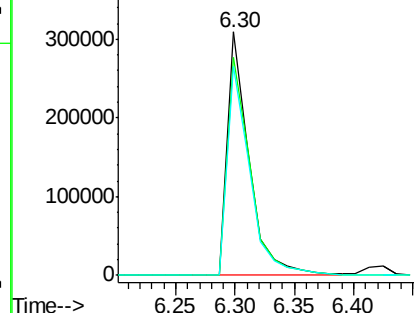
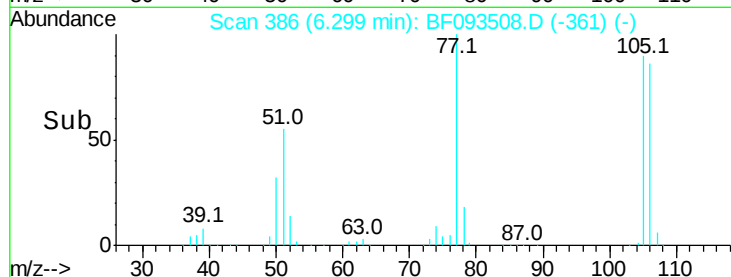
106 86.0 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 15.19 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

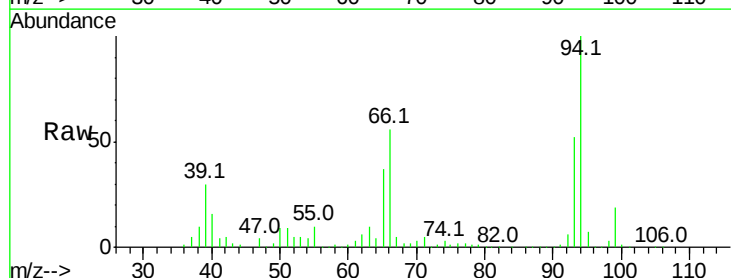
Tgt Ion: 94 Resp: 768459

Ion Ratio Lower Upper

94 100

65 37.3 21.4 61.4

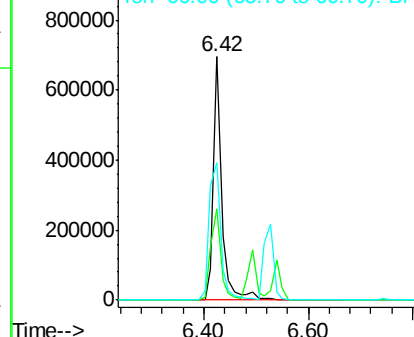
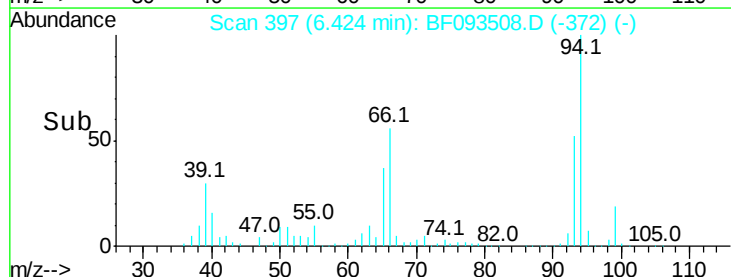
66 56.4 44.0 84.0

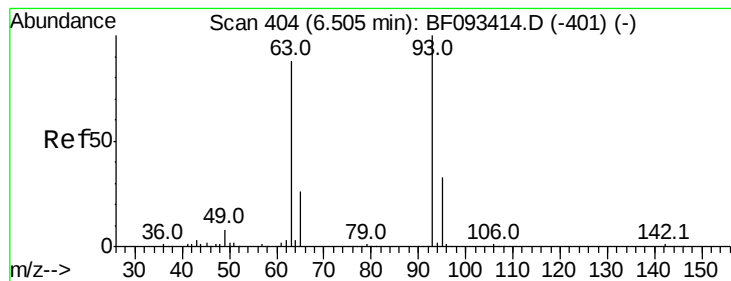


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 13.18 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

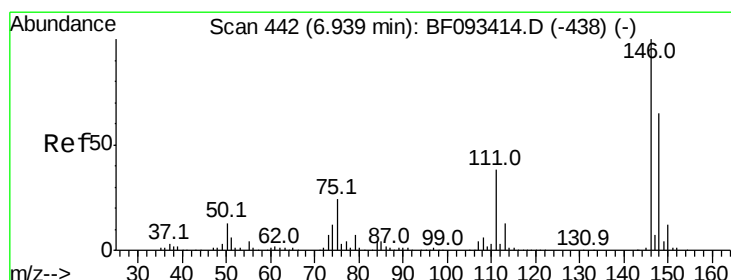
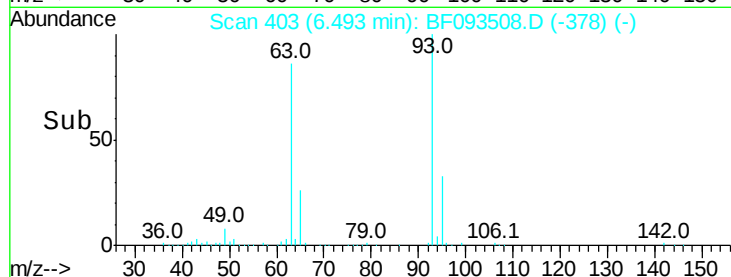
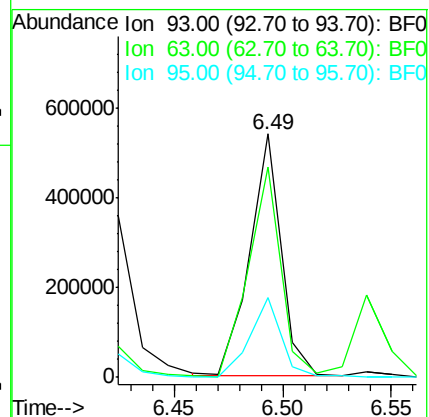
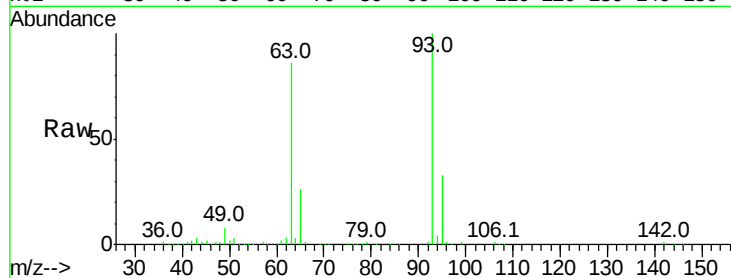
Tot Ion: 93 Resp: 539126

Ion Ratio Lower Upper

93 100

63 86.3 60.4 100.4

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 14.24 ng

RT: 6.77 min Scan# 427

Delta R.T. 0.07 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

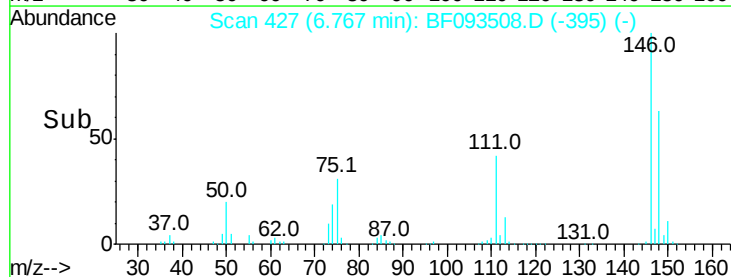
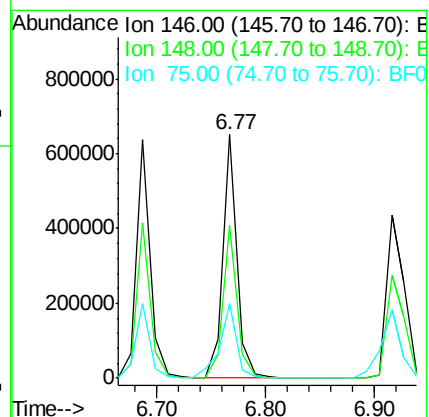
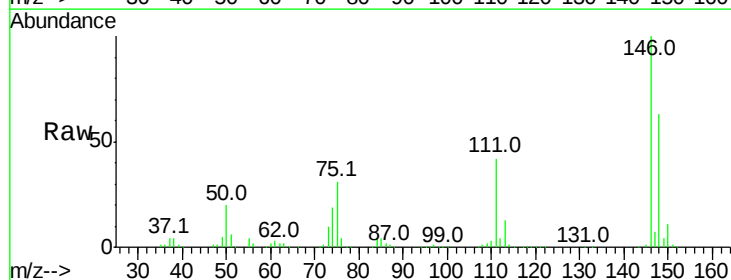
Tgt Ion: 146 Resp: 598250

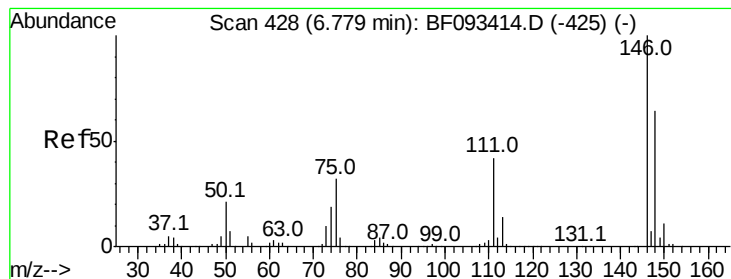
Ion Ratio Lower Upper

146 100

148 62.9 53.4 80.0

75 30.8 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 11.65 ng

RT: 6.92 min Scan# 440

Delta R.T. 0.14 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampled :

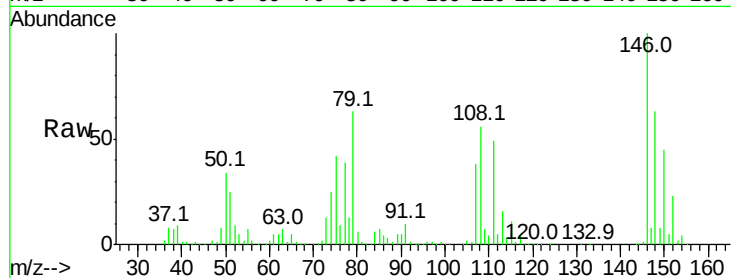
Tot Ion:146 Resp: 500885

Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

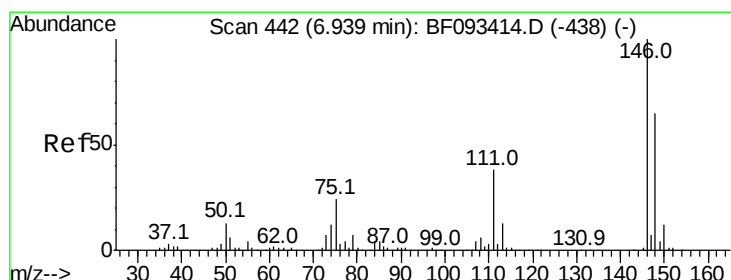
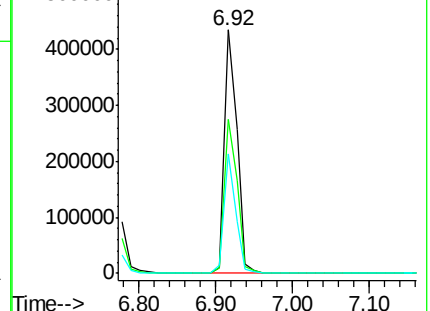
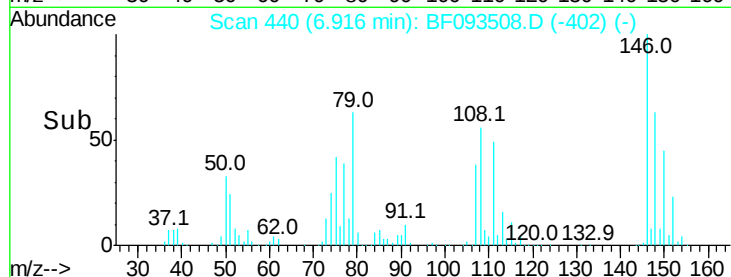
111 48.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 13.15 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

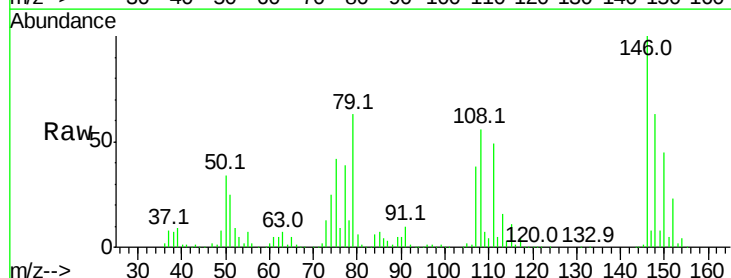
Tgt Ion:146 Resp: 500885

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.2

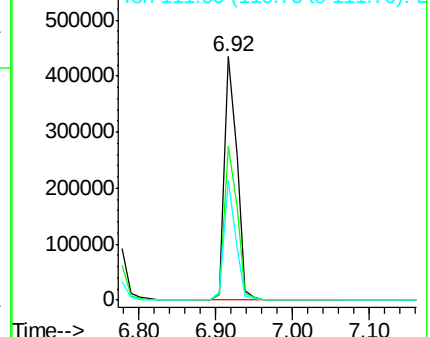
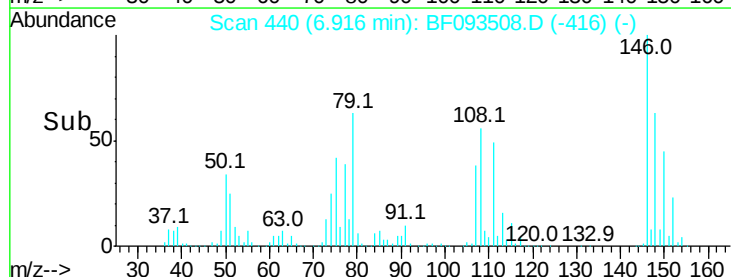
111 48.8 36.2 54.2

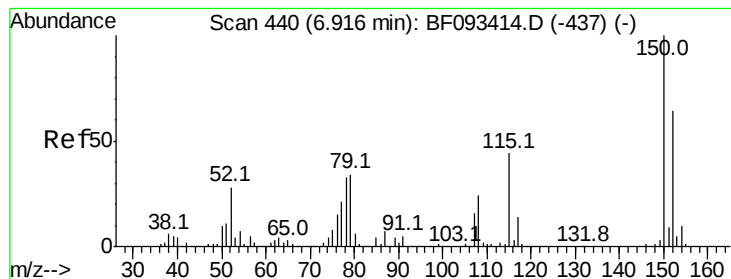


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 13.68 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampled :

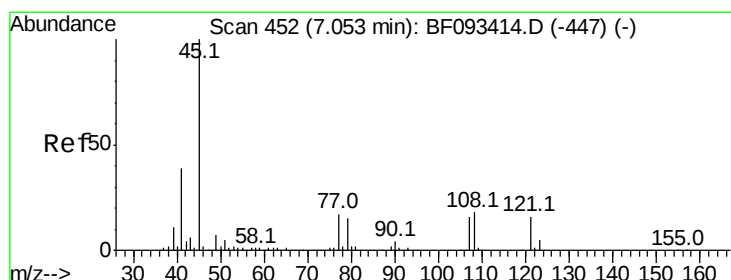
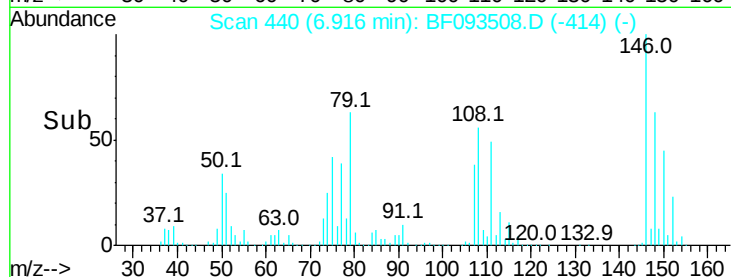
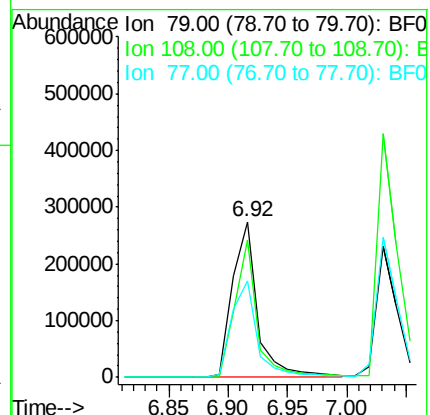
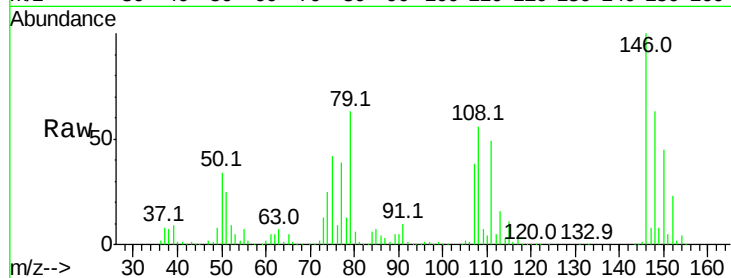
Tot Ion: 79 Resp: 402769

Ion Ratio Lower Upper

79 100

108 88.4 61.4 92.0

77 61.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.55 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

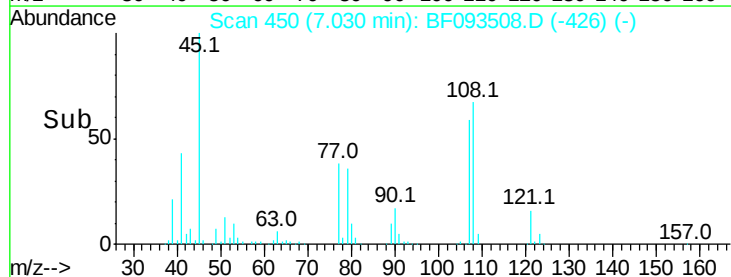
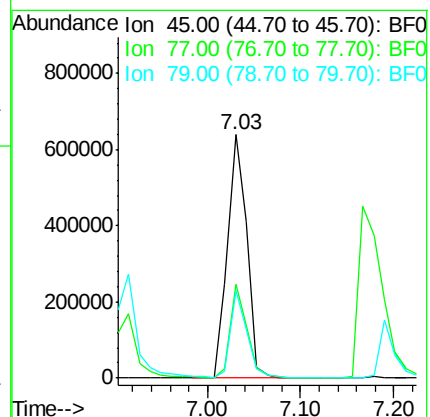
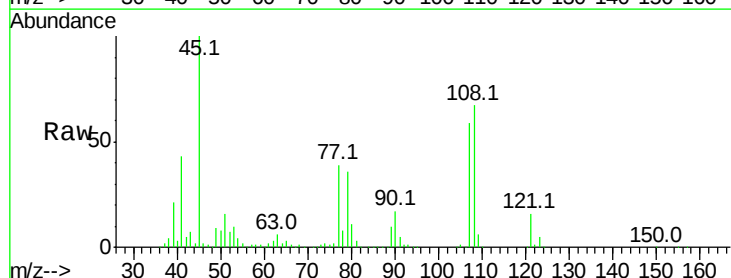
Tgt Ion: 45 Resp: 920687

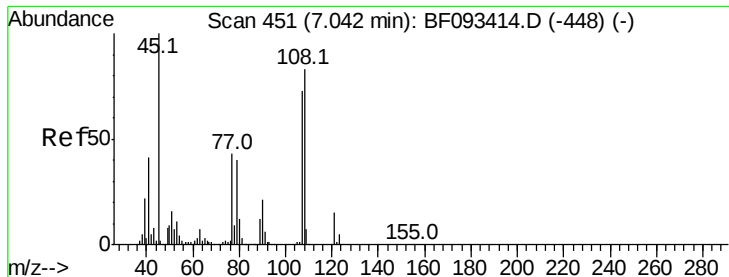
Ion Ratio Lower Upper

45 100

77 38.7 0.0 34.6#

79 36.1 0.0 31.2#





#17

2-Methylphenol

Concen: 19.55 ng

RT: 7.19 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 606598

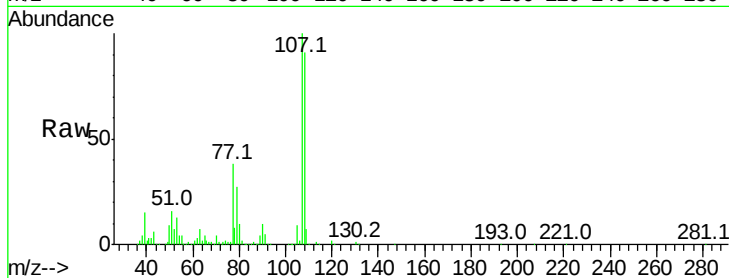
Ion Ratio Lower Upper

107 100

108 90.7 93.0 139.6#

77 37.5 39.8 59.8#

79 27.5 38.0 57.0#

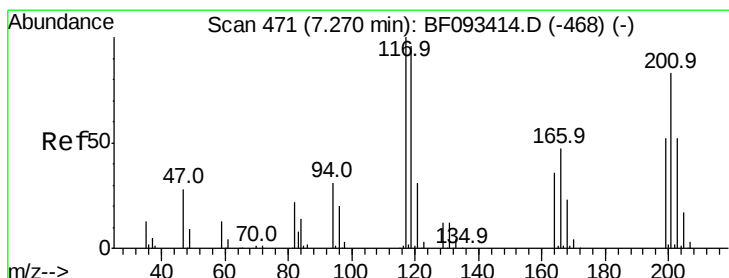
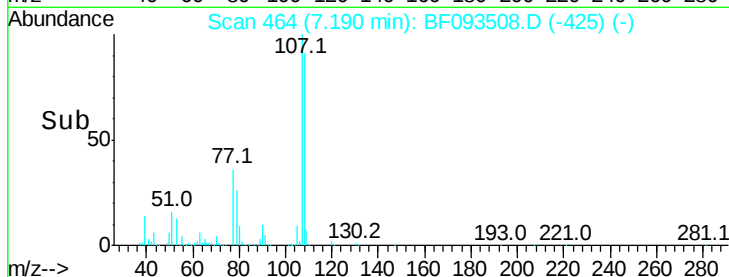
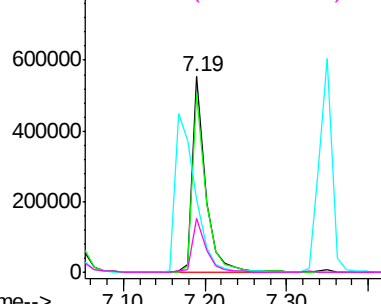


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 13.99 ng

RT: 7.26 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

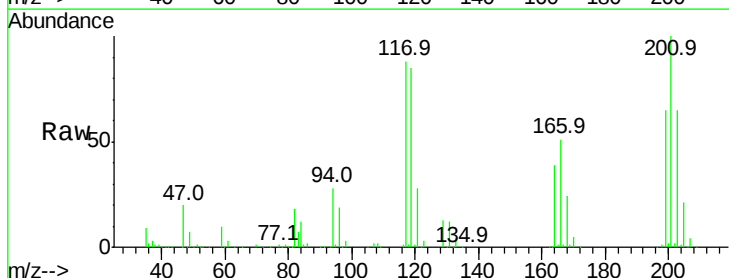
Tgt Ion:117 Resp: 202806

Ion Ratio Lower Upper

117 100

119 95.8 78.1 117.1

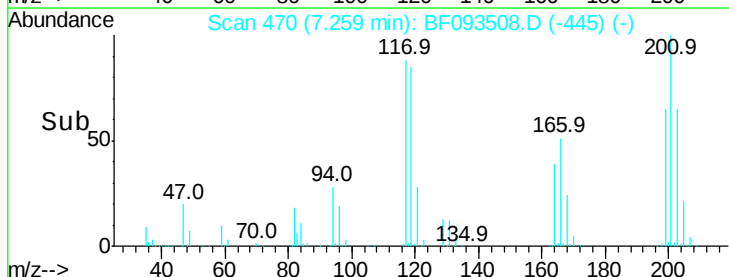
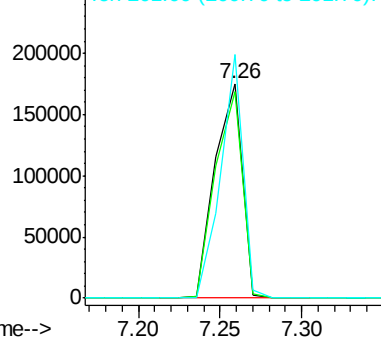
201 113.3 78.6 117.8

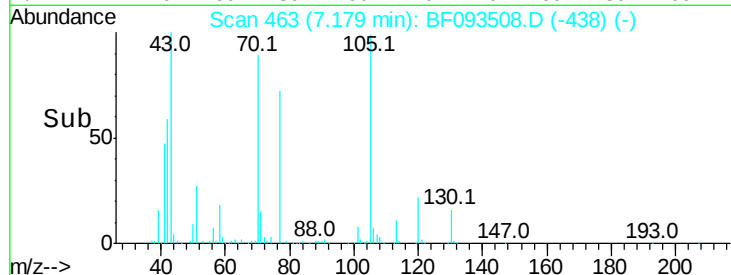
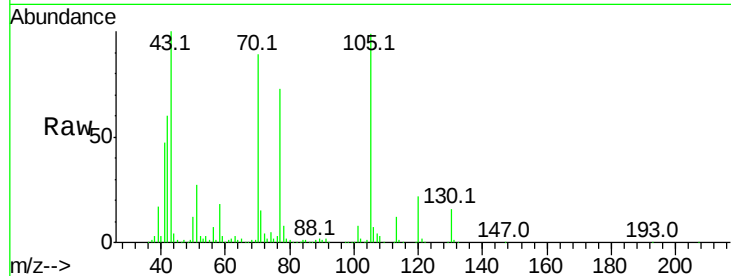
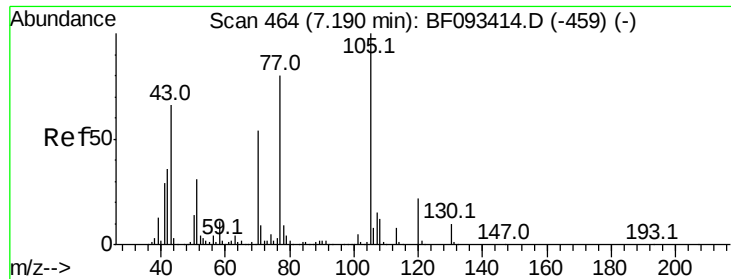


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

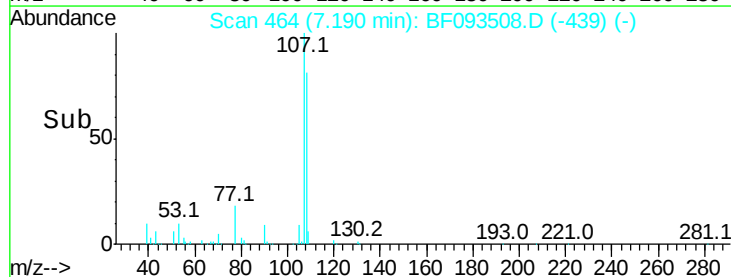
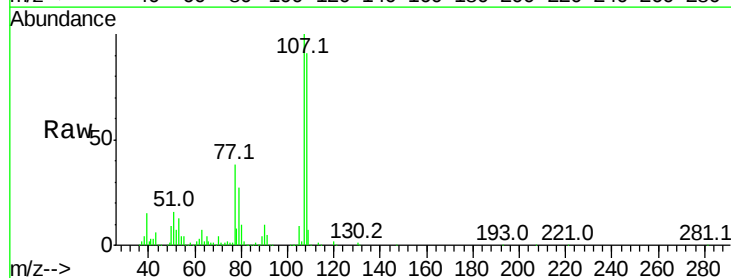
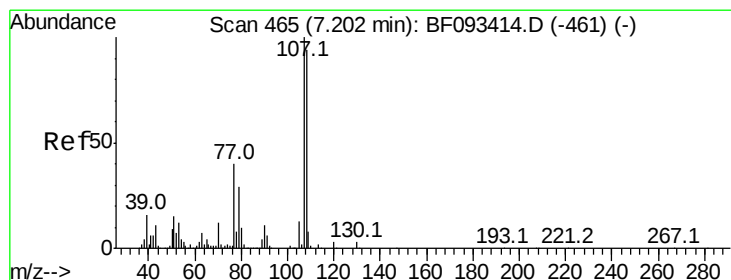
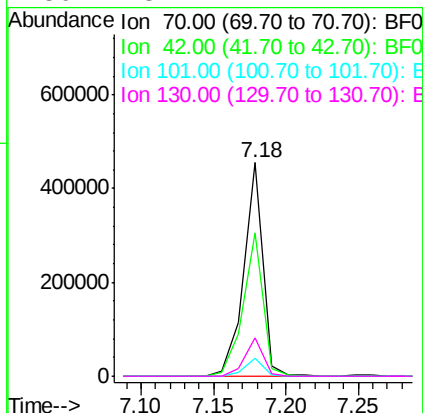




#19
n-Nitroso-di-n-propylamine
Concen: 14.73 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

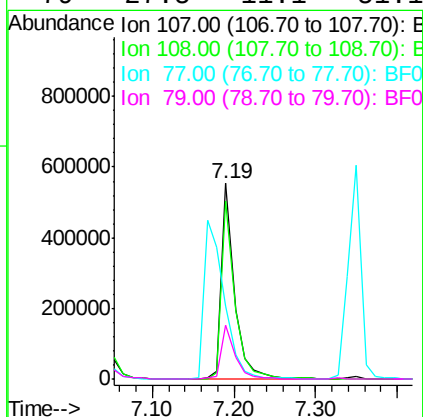
Instrument :
BNA_F
ClientSampleId :

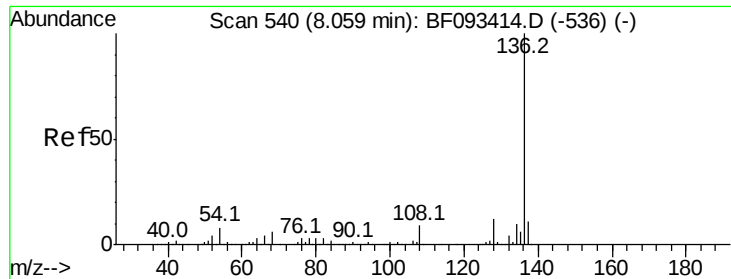
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.1	49.4	74.0
101	8.6	7.4	11.2
130	18.1	14.2	21.4



#20
3+4-Methylphenols
Concen: 15.07 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	73.0	113.0
77	37.5	71.3	111.3#
79	27.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 755282

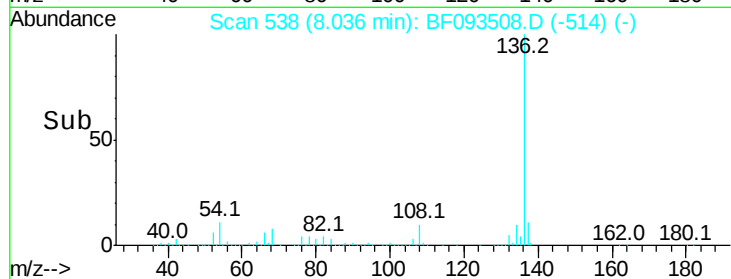
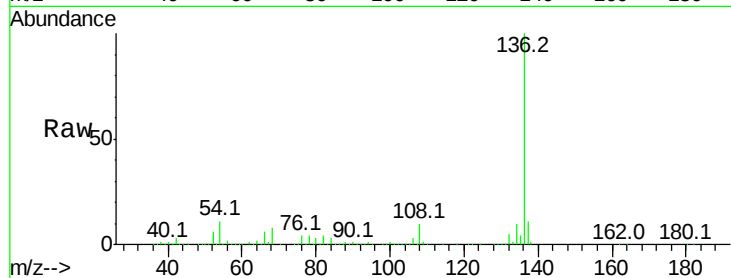
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.2 4.5 6.7#

68 7.9 3.6 5.4#

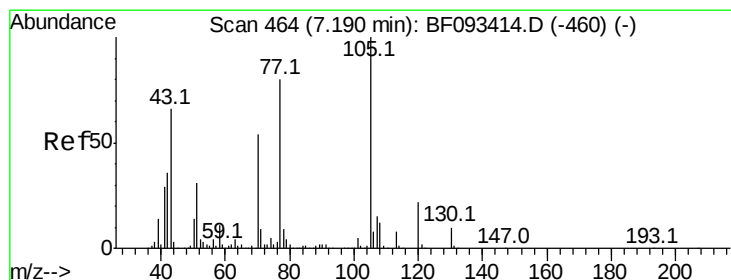
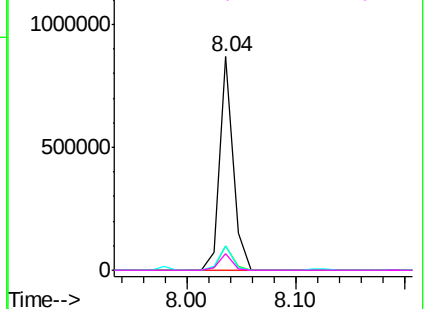


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.28 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Tgt Ion:105 Resp: 768389

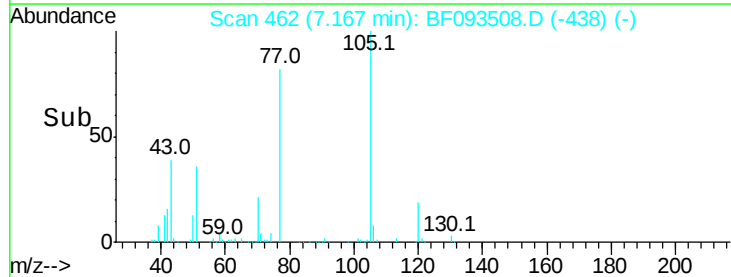
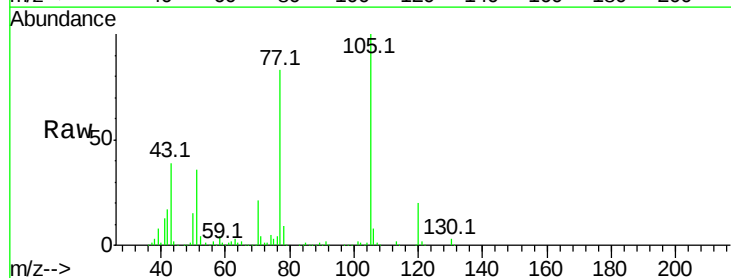
Ion Ratio Lower Upper

105 100

71 3.8 3.2 4.8

51 36.1 26.2 39.4

120 19.5 16.6 24.8

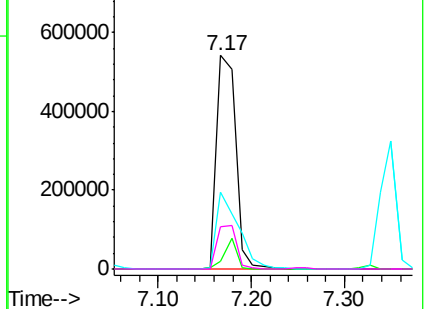


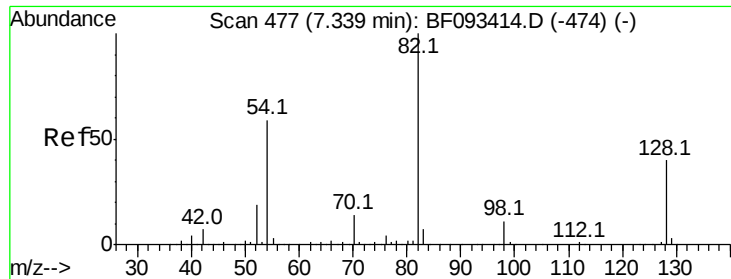
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



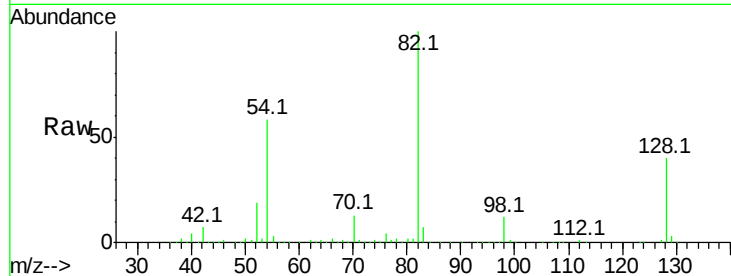


#23
 Nitrobenzene-d5
 Concen: 81.94 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

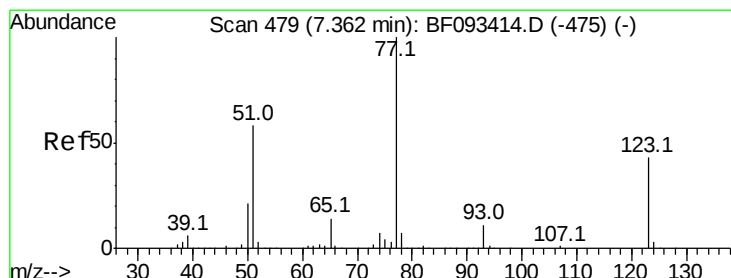
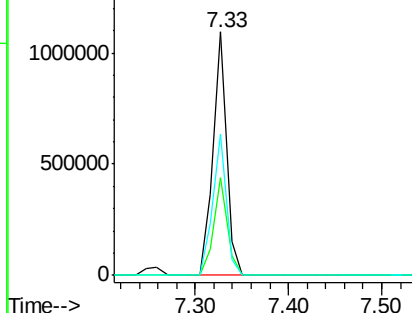
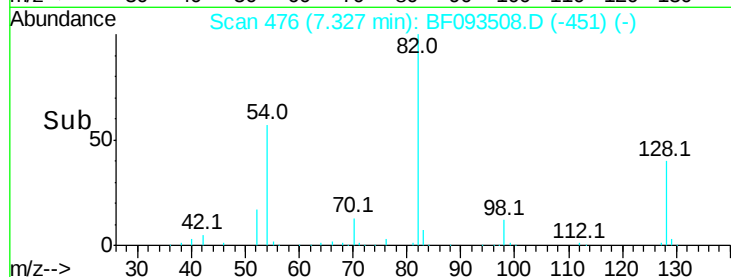
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1115447

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	58.1	39.5	59.3



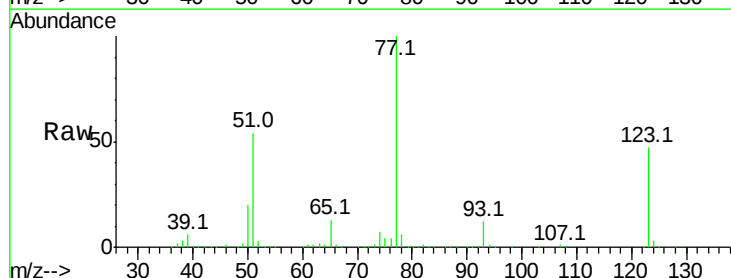
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



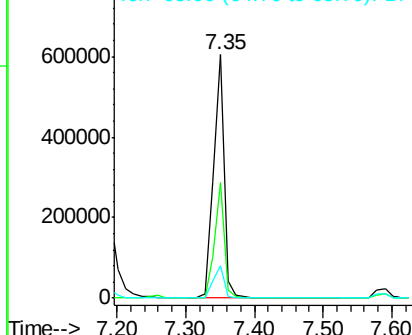
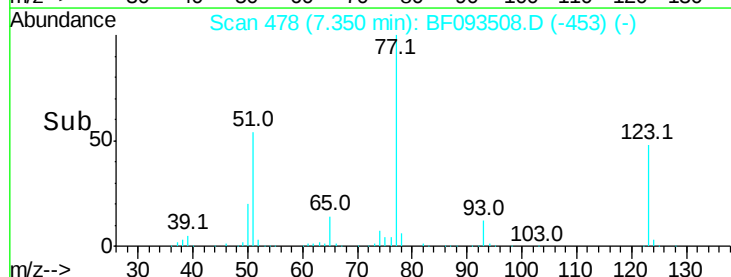
#24
 Nitrobenzene
 Concen: 43.61 ng
 RT: 7.35 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

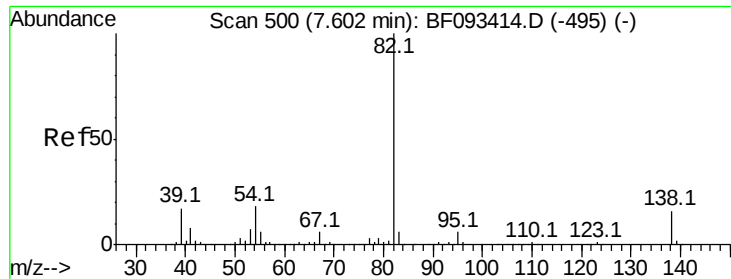
Tgt Ion: 77 Resp: 667172

Ion	Ratio	Lower	Upper
77	100		
123	47.4	33.0	49.4
65	13.5	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: 40.67 ng

RT: 7.59 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

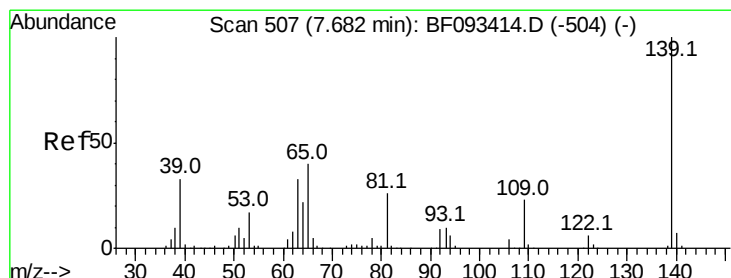
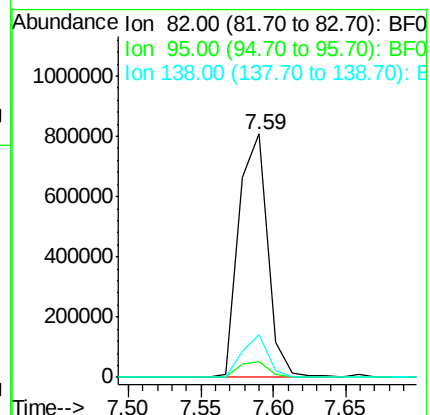
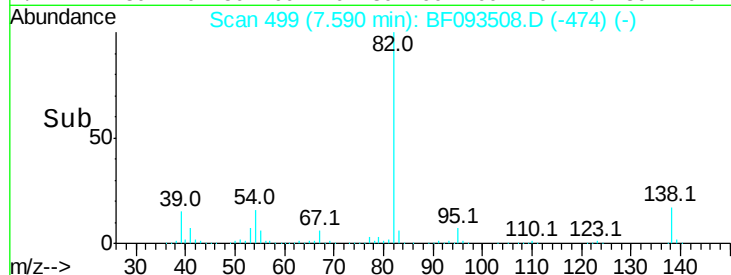
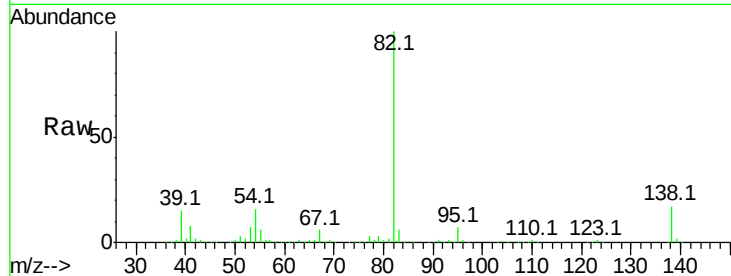
Tot Ion: 82 Resp: 1116474

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 17.4 14.6 22.0



#26

2-Nitrophenol

Concen: 39.59 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

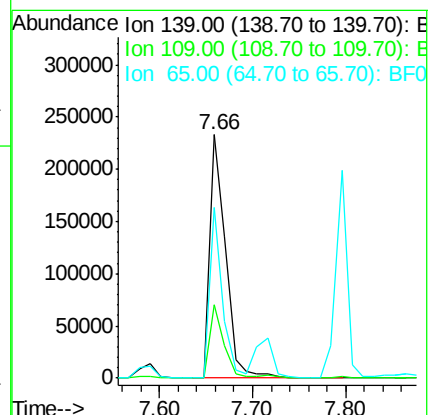
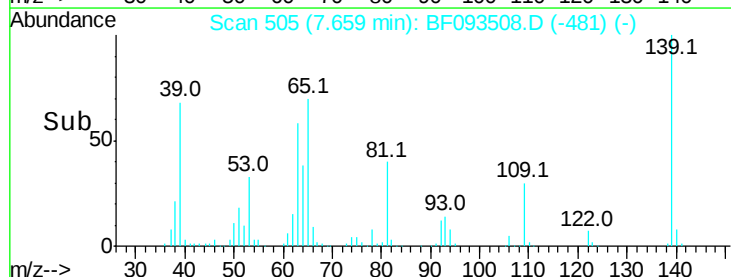
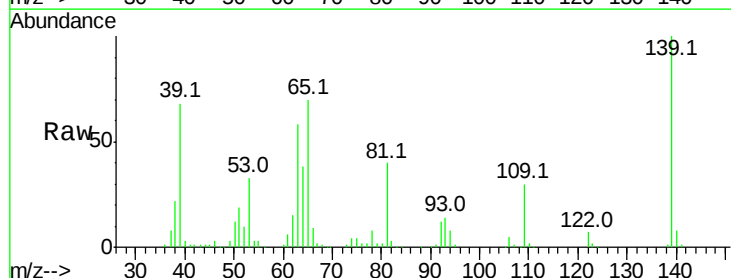
Tgt Ion:139 Resp: 276354

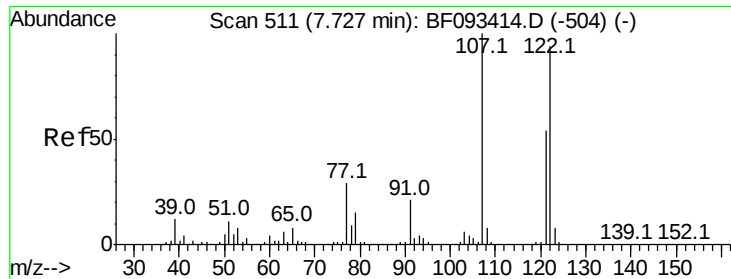
Ion Ratio Lower Upper

139 100

109 30.1 23.3 34.9

65 70.1 42.7 64.1#

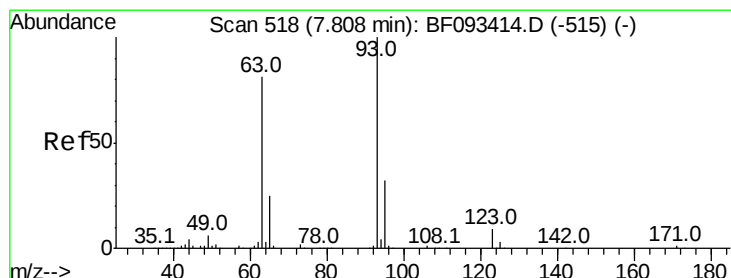
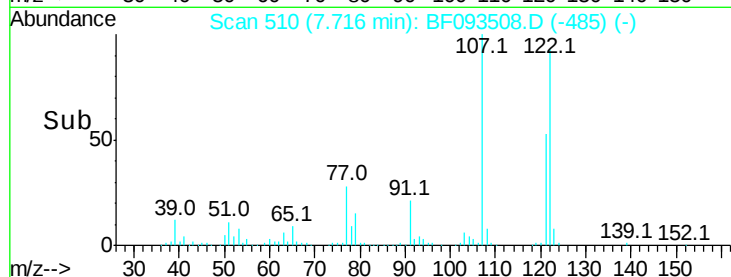
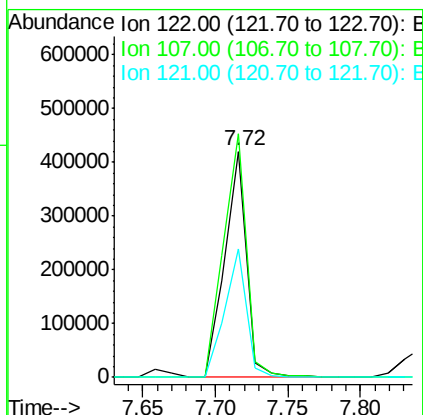
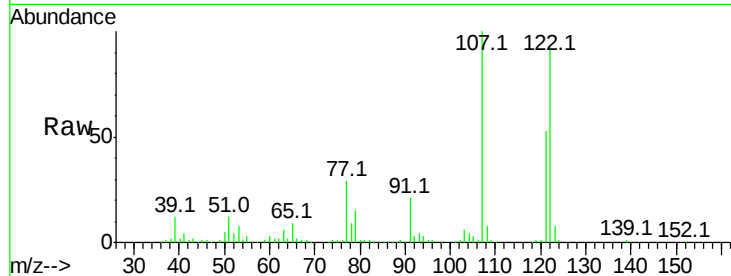




#27
 2,4-Dimethylphenol
 Concen: 38.40 ng
 RT: 7.72 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

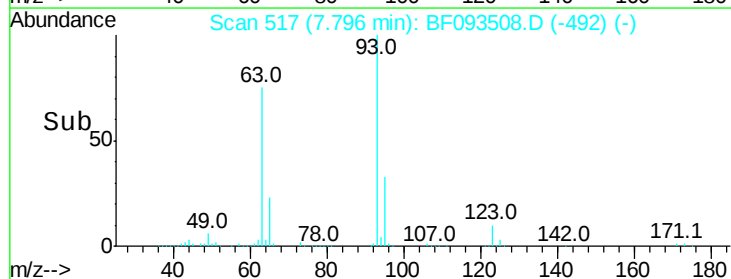
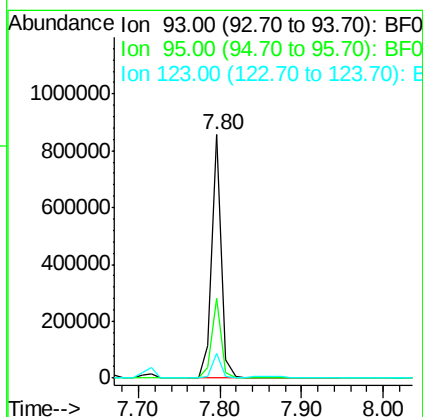
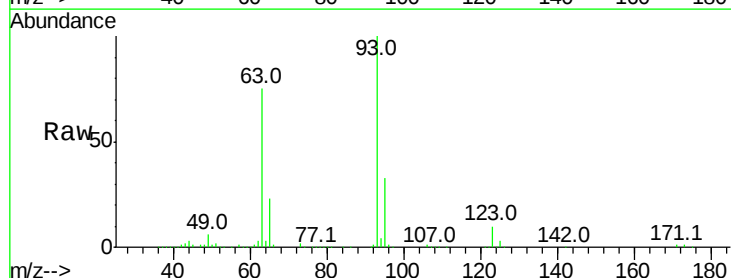
Instrument :
 BNA_F
 ClientSampled :

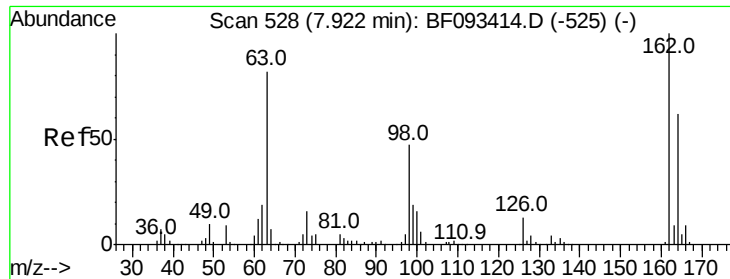
Tot Ion:122 Resp: 436020
 Ion Ratio Lower Upper
 122 100
 107 107.8 94.1 141.1
 121 57.0 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.53 ng
 RT: 7.80 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion: 93 Resp: 719616
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 10.0 8.6 13.0

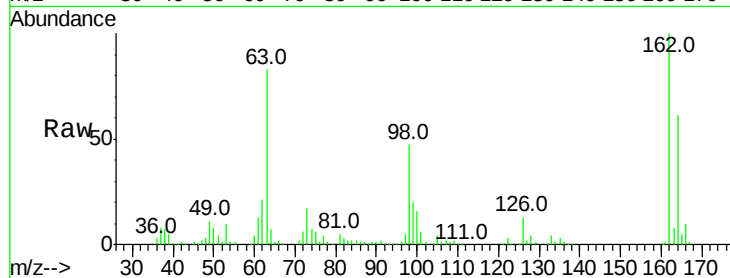




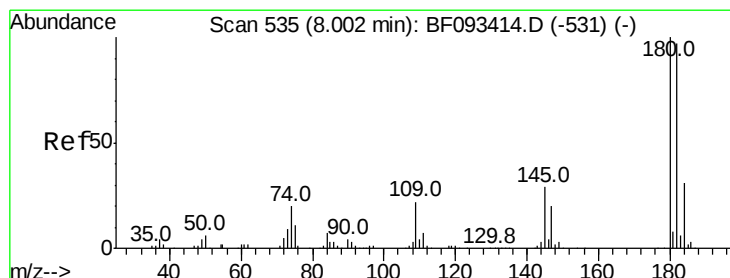
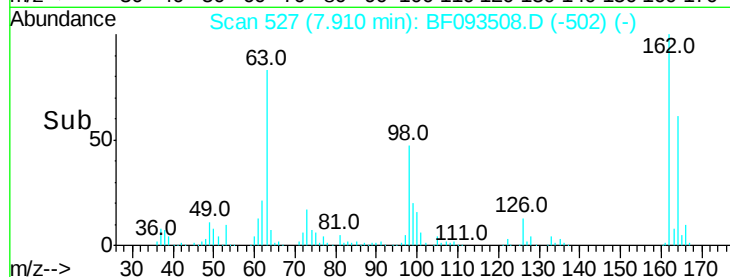
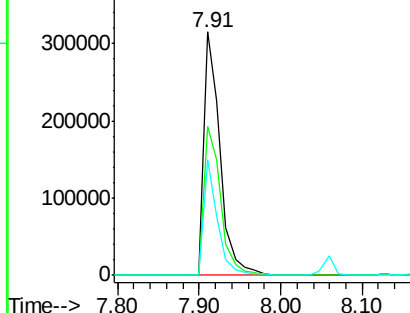
#29
 2,4-Dichlorophenol
 Concen: 41.41 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 442352
 Ion Ratio Lower Upper
 162 100
 164 61.4 46.8 86.8
 98 47.4 9.1 49.1

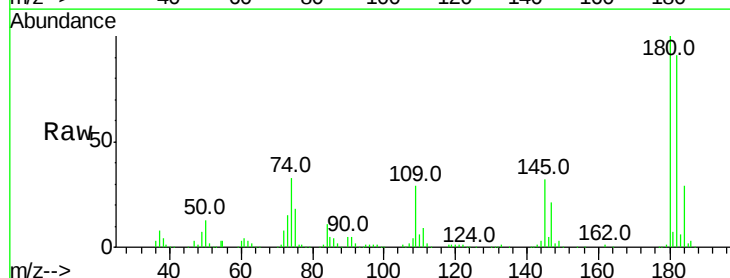


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

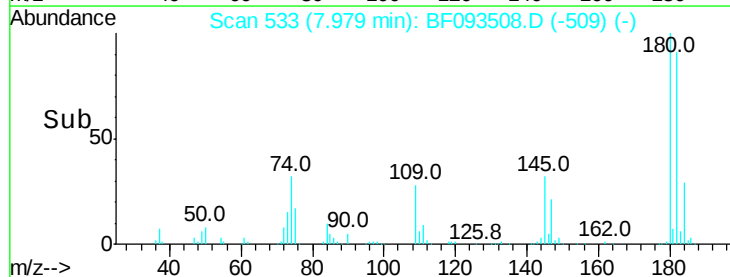
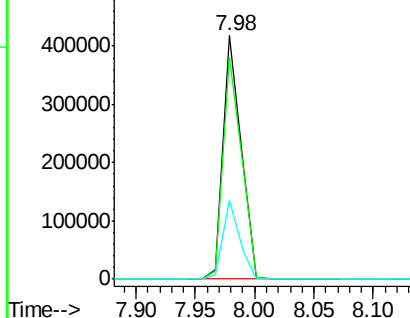


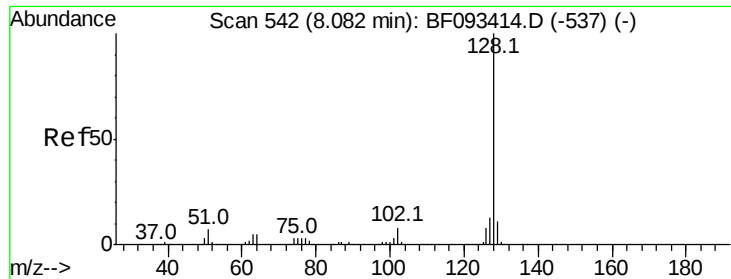
#30
 1,2,4-Trichlorobenzene
 Concen: 38.15 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:180 Resp: 433362
 Ion Ratio Lower Upper
 180 100
 182 91.1 78.2 117.4
 145 32.4 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

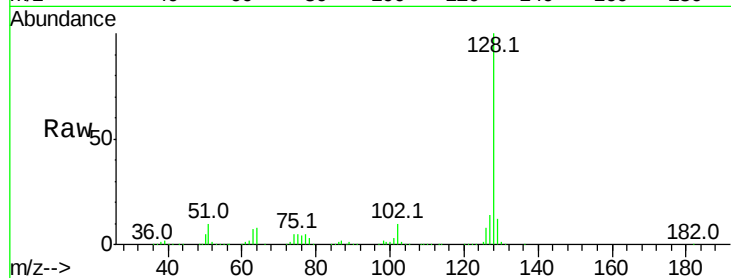




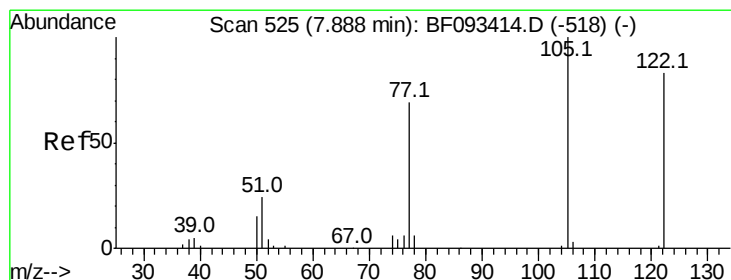
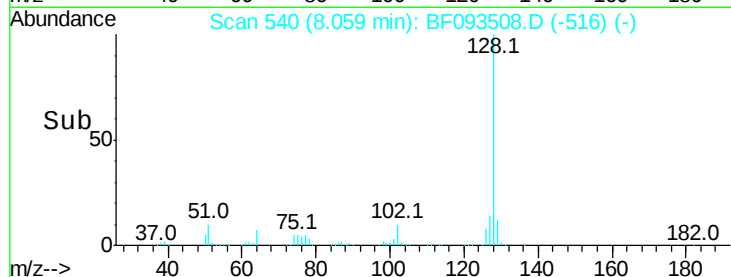
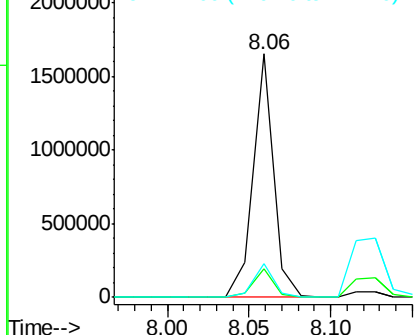
#31
Naphthalene
Concen: 38.04 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1439711
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 14.0 10.8 16.2

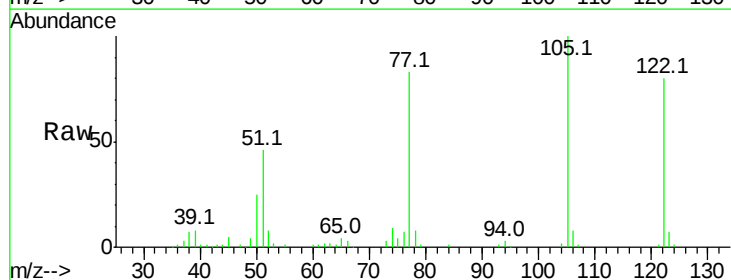


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

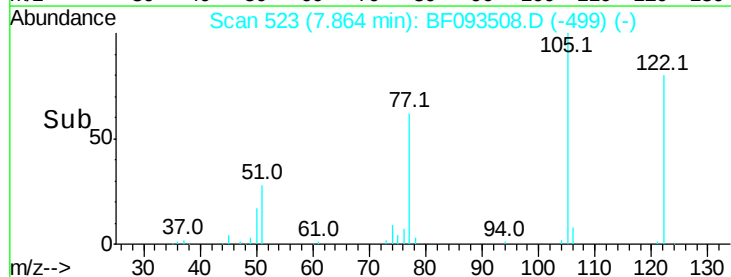
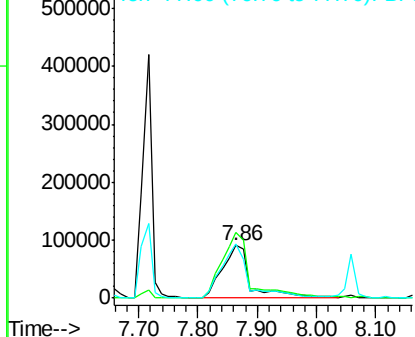


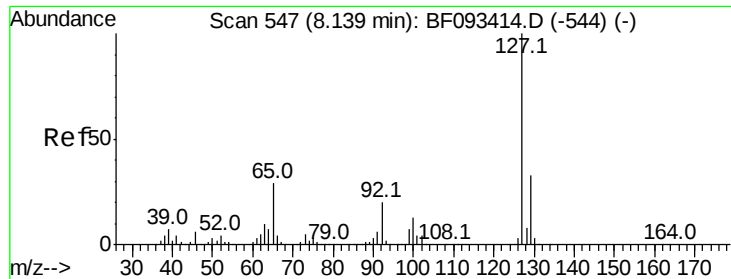
#32
Benzoic acid
Concen: 49.28 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion:122 Resp: 290749
Ion Ratio Lower Upper
122 100
105 125.2 107.2 147.2
77 104.2 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

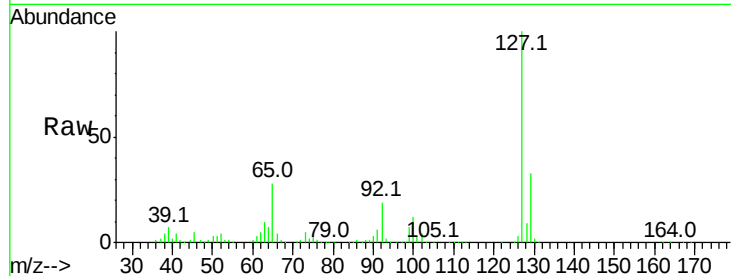




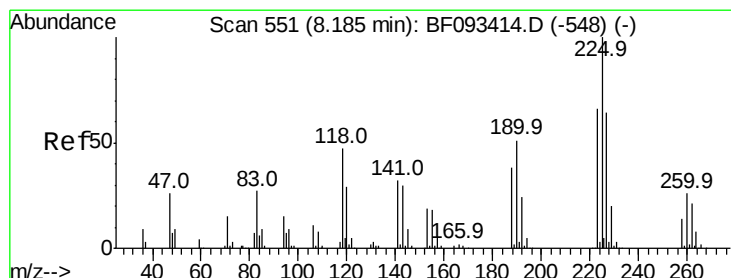
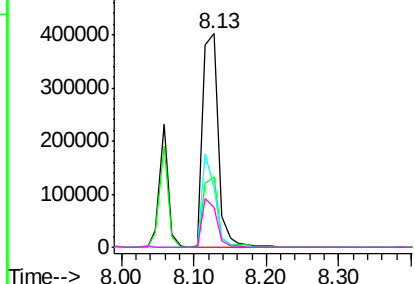
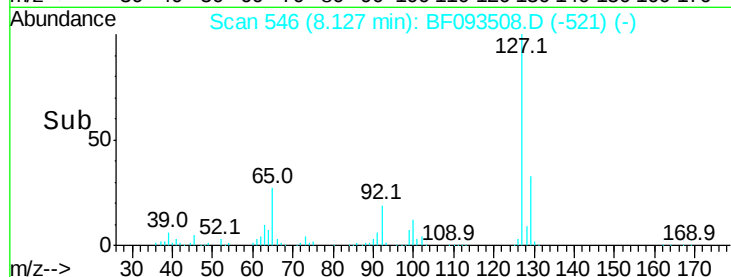
#33
4-Chloroaniline
Concen: 39.38 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	604926
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	27.7	25.8	38.8
92	18.5	16.1	24.1

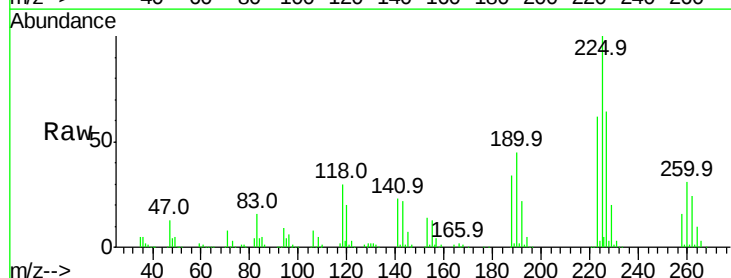


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

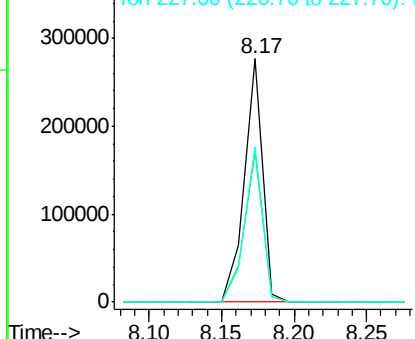
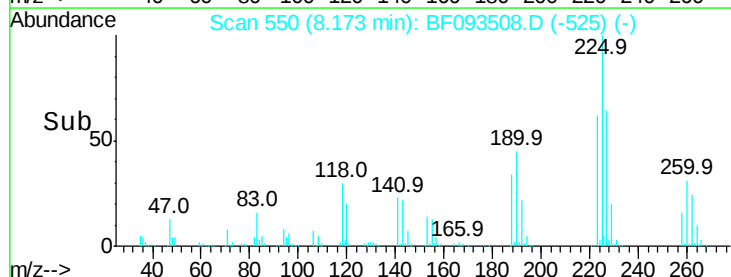


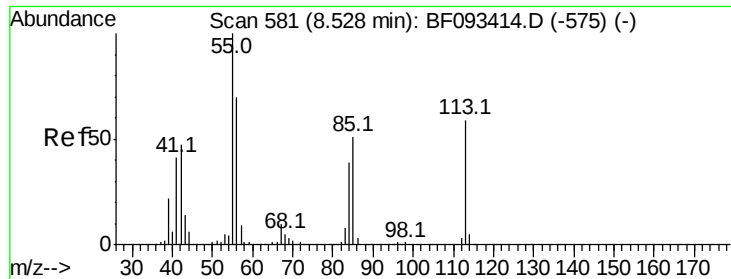
#34
Hexachlorobutadiene
Concen: 41.24 ng
RT: 8.17 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion:	225	Resp:	241296
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.7	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

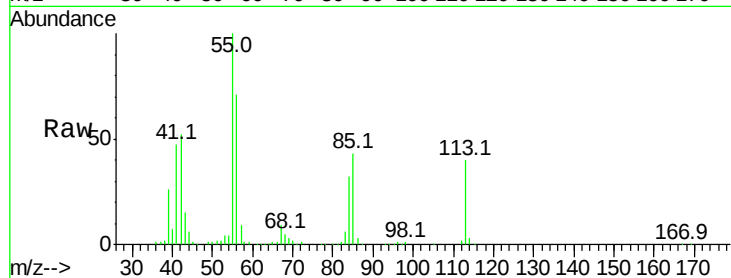




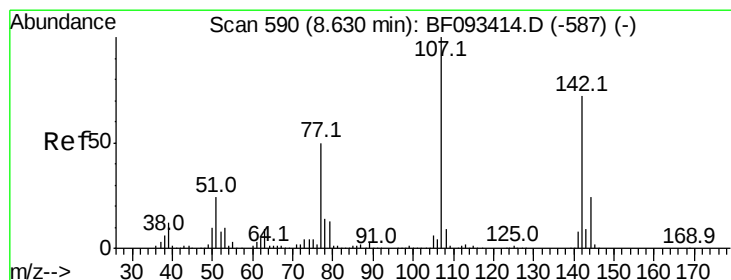
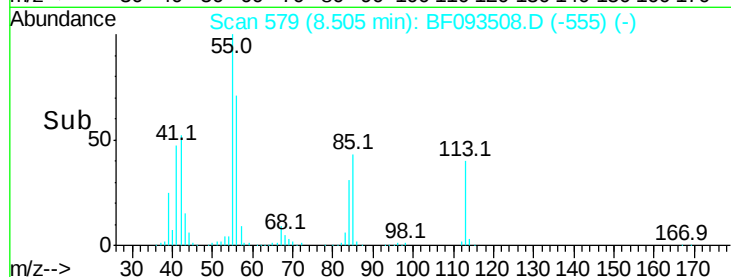
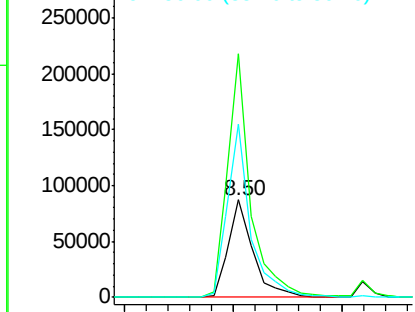
#35
Caprolactam
Concen: 37.51 ng
RT: 8.50 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 136850
Ion Ratio Lower Upper
113 100
55 250.2 119.2 159.2#
56 177.7 83.8 123.8#

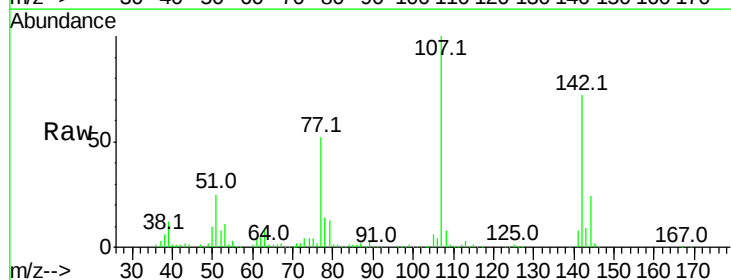


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

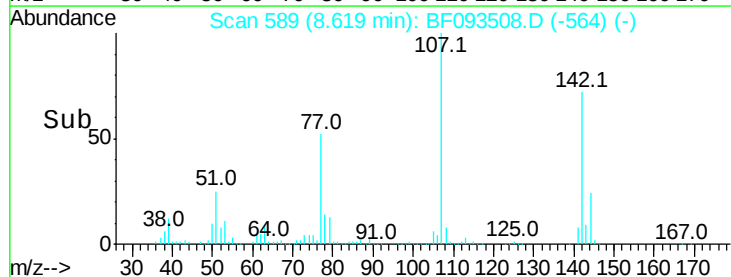
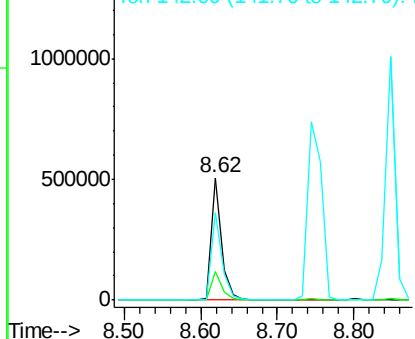


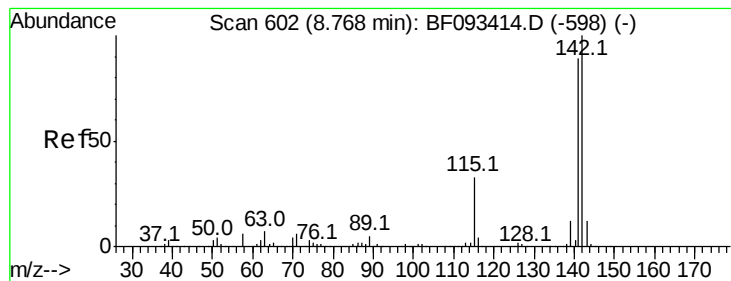
#36
4-Chloro-3-methylphenol
Concen: 41.54 ng
RT: 8.62 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion:107 Resp: 473657
Ion Ratio Lower Upper
107 100
144 23.6 19.3 28.9
142 71.9 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.38 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

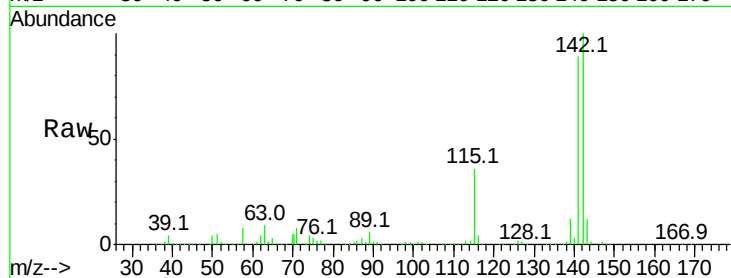
Tot Ion:142 Resp: 924365

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

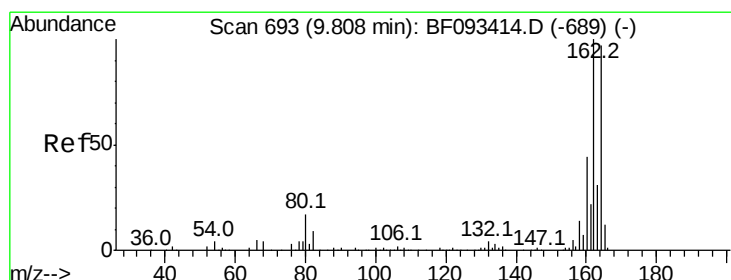
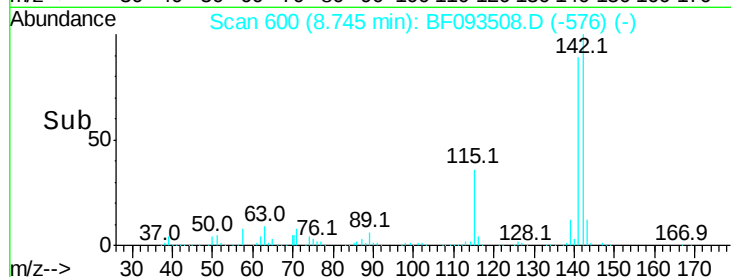
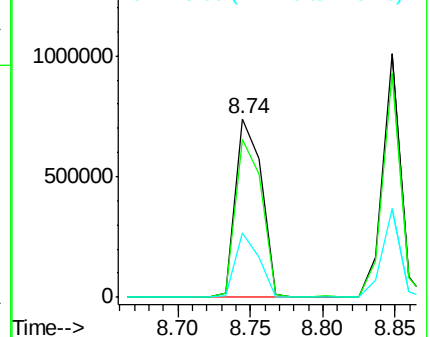
115 36.3 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

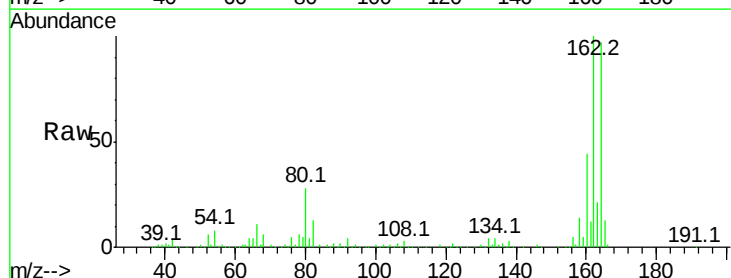
Tgt Ion:164 Resp: 345434

Ion Ratio Lower Upper

164 100

162 103.5 80.2 120.2

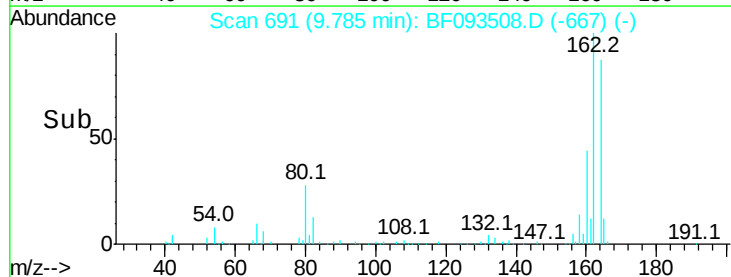
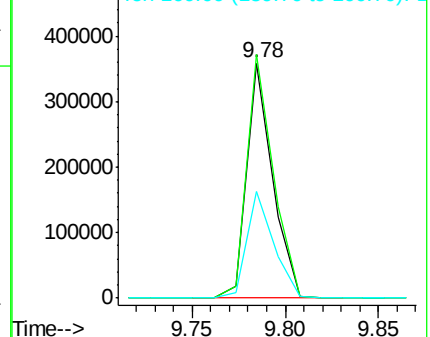
160 45.3 36.9 55.3

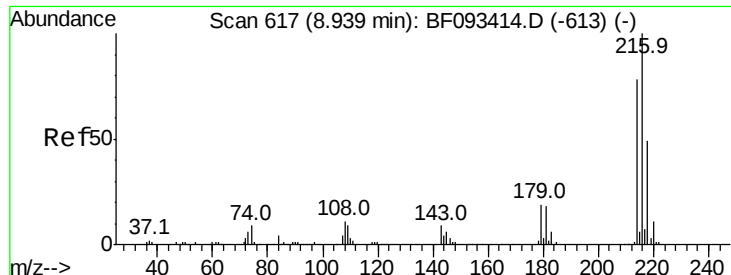


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

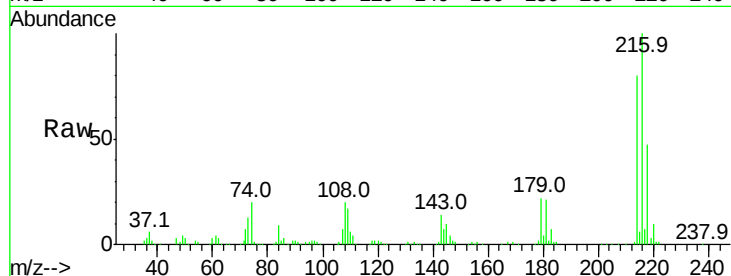




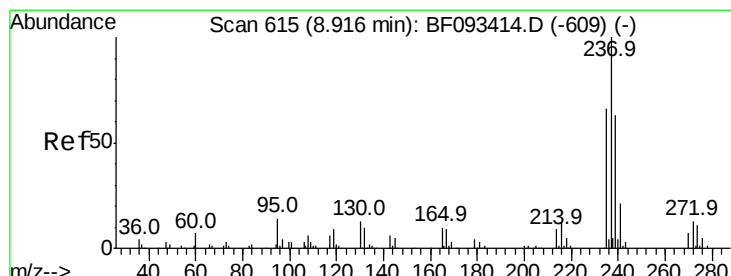
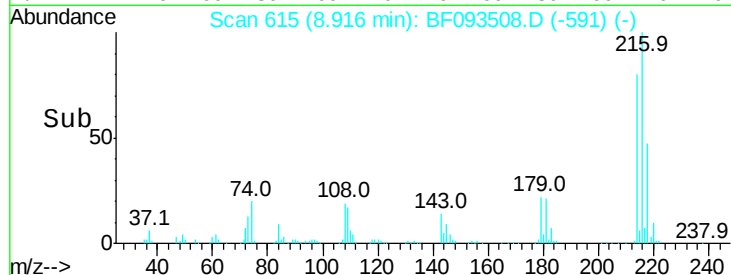
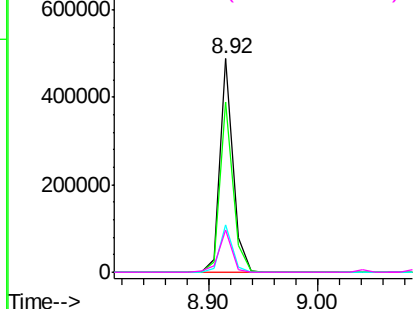
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.88 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	413906
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	21.9	17.4	26.2
108	20.2	15.6	23.4

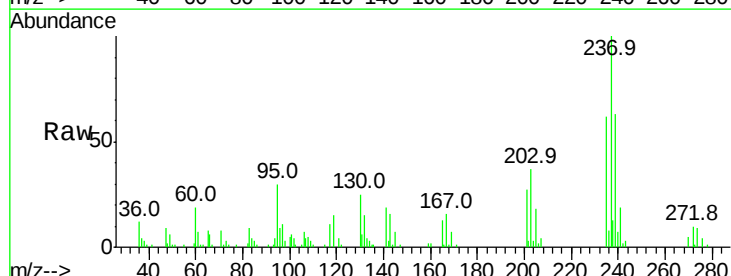


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

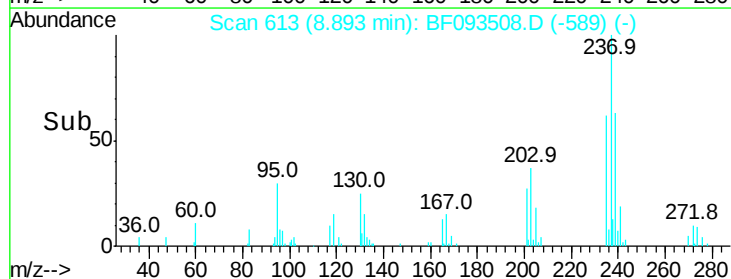
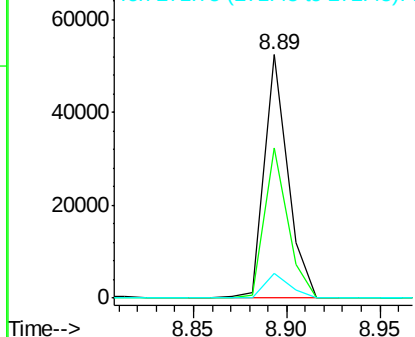


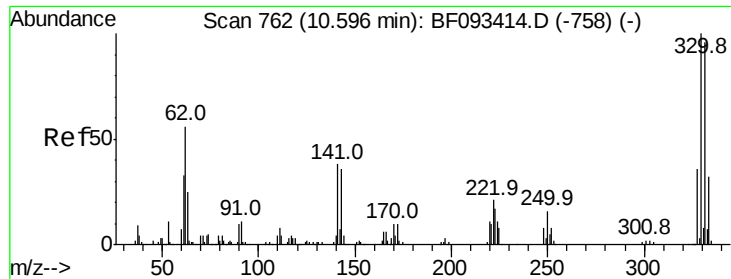
#40
 Hexachlorocyclopentadiene
 Concen: 28.22 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:	237	Resp:	45249
Ion	Ratio	Lower	Upper
237	100		
235	61.7	41.2	81.2
272	10.2	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

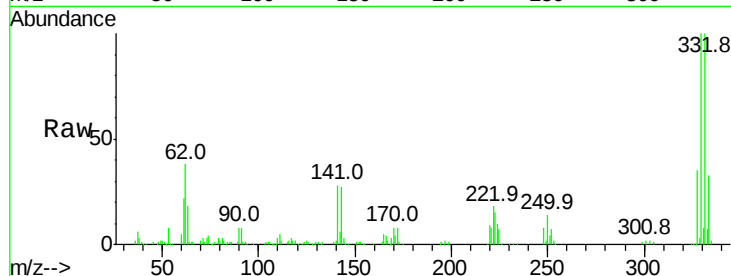




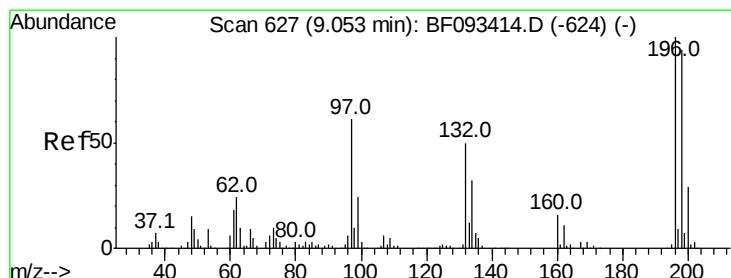
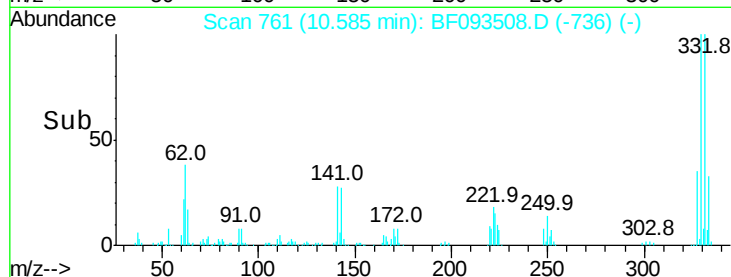
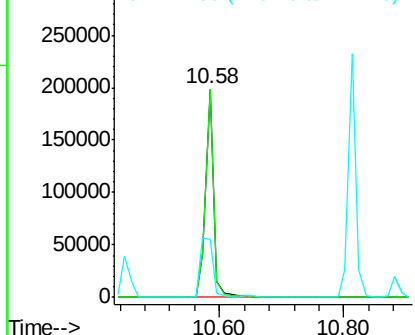
#41
 2,4,6-Tribromophenol
 Concen: 82.72 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 186167
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.4 116.2
 141 44.0 34.1 51.1

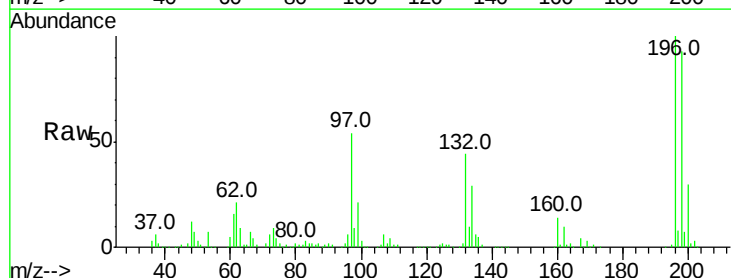


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

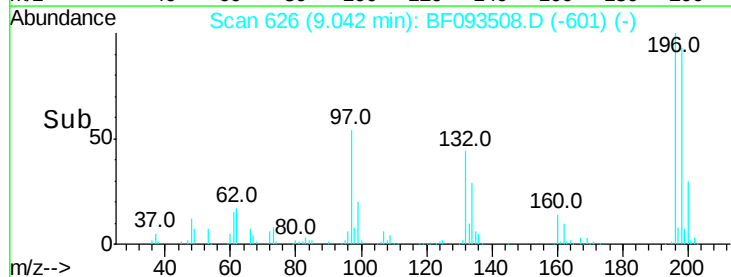
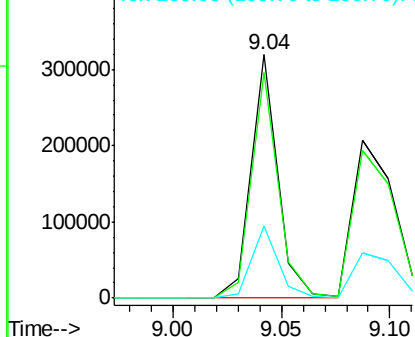


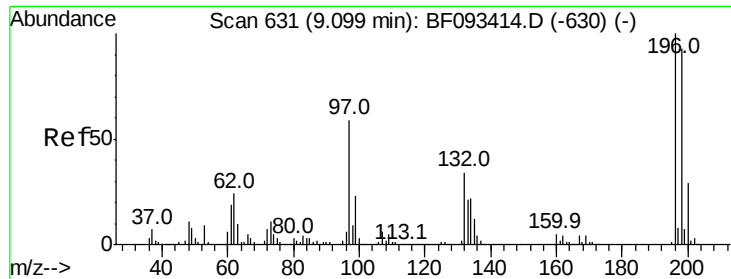
#42
 2,4,6-Trichlorophenol
 Concen: 46.53 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:196 Resp: 274227
 Ion Ratio Lower Upper
 196 100
 198 92.8 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

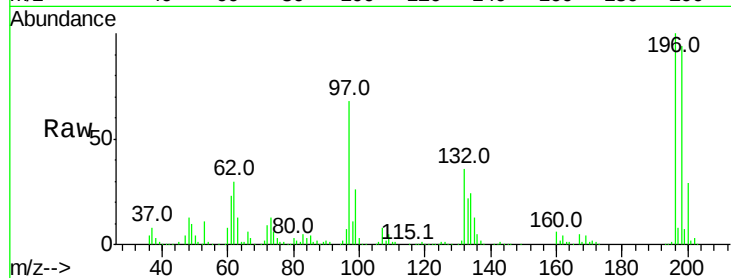




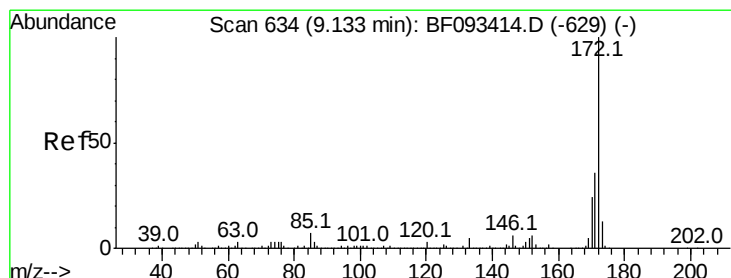
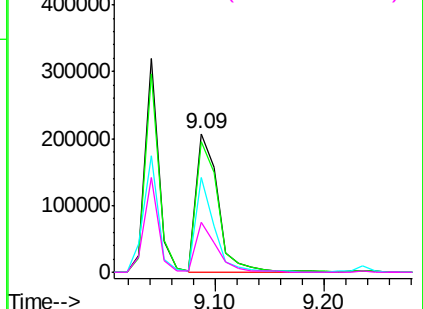
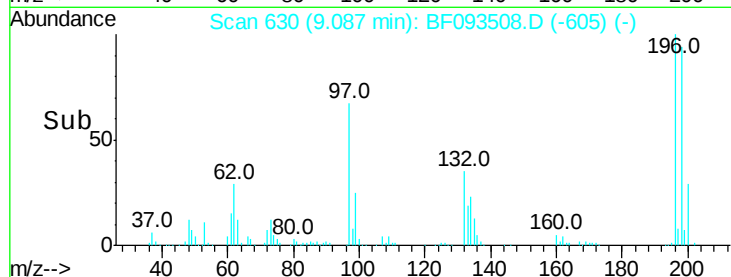
#43
 2,4,5-Trichlorophenol
 Concen: 45.88 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	290135
Ion Ratio	Lower	Upper	
196	100		
198	93.6	79.4	119.2
97	68.1	51.5	77.3
132	35.7	27.4	41.2

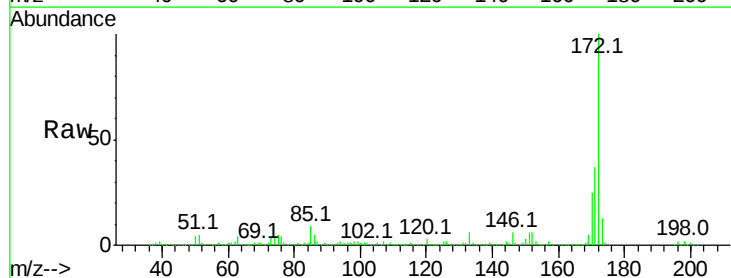


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

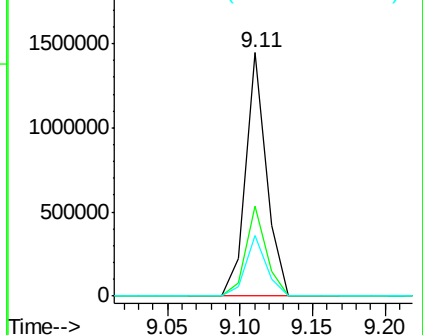
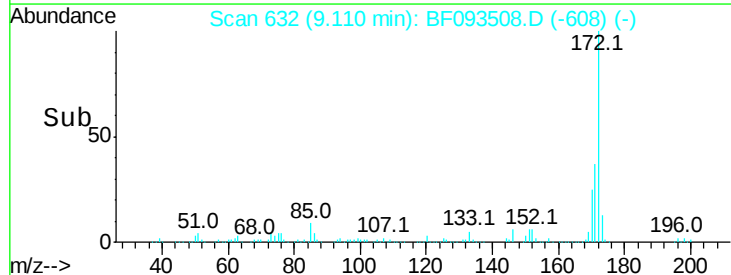


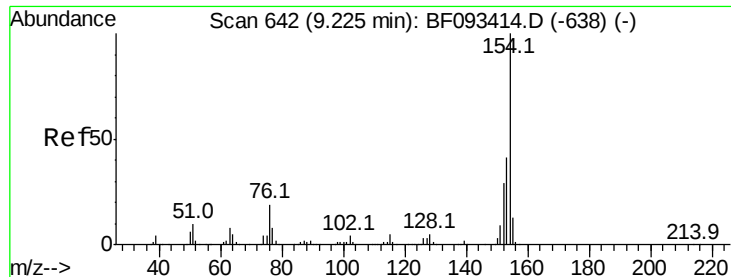
#44
 2-Fluorobiphenyl
 Concen: 77.64 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:	172	Resp:	1441914
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.4	44.0
170	24.8	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.53 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

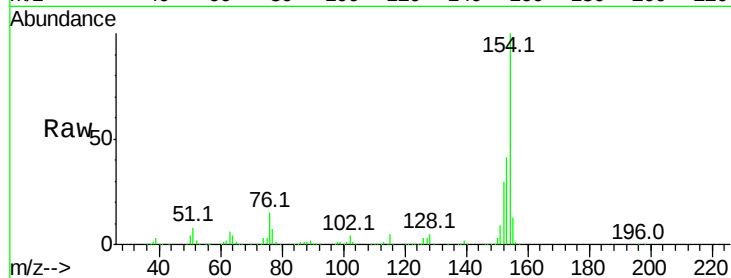
Tot Ion:154 Resp: 1120647

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

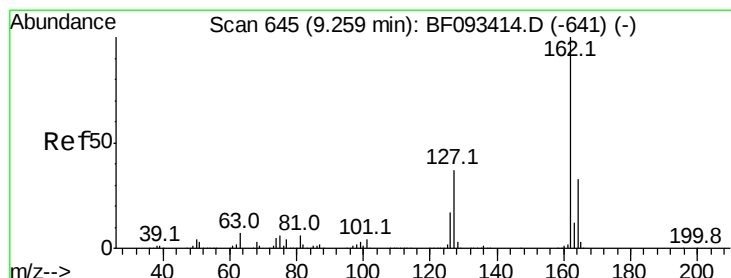
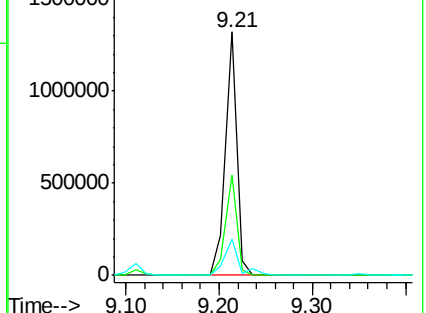
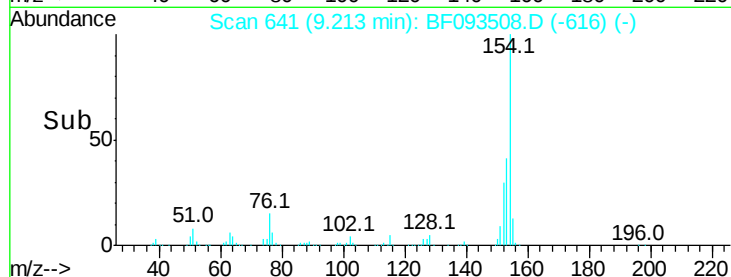
76 14.6 0.0 30.5



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): BFO



#46

2-Chloronaphthalene

Concen: 44.65 ng

RT: 9.24 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

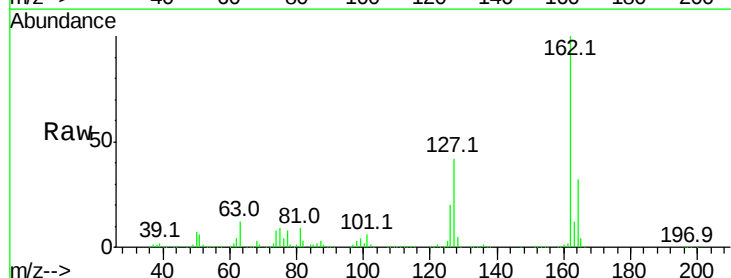
Tgt Ion:162 Resp: 859964

Ion Ratio Lower Upper

162 100

127 42.2 30.7 46.1

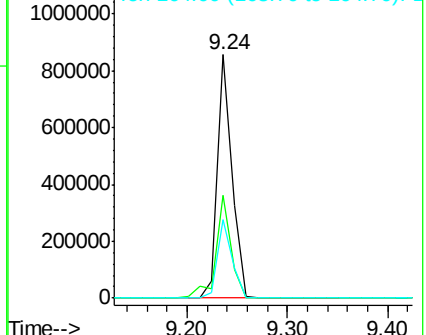
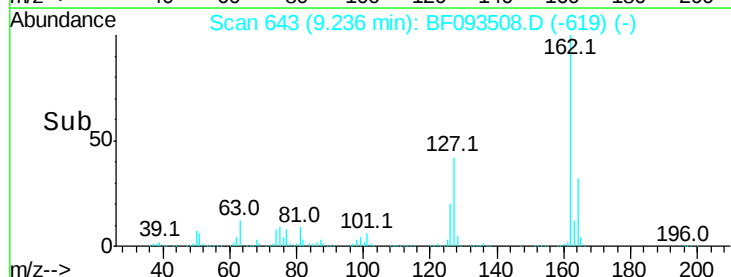
164 32.1 27.6 41.4

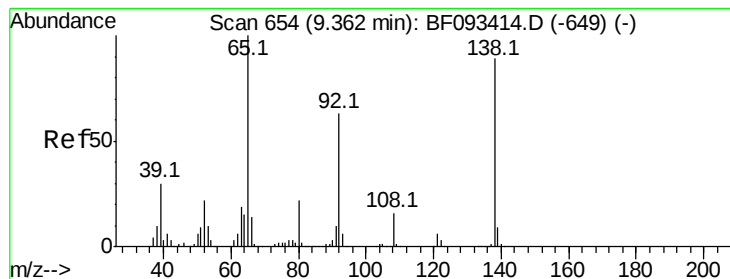


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.45 ng

RT: 9.35 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

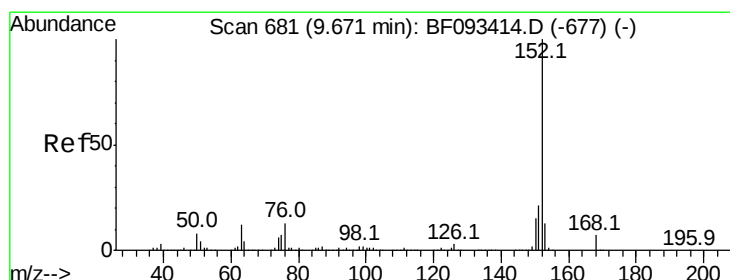
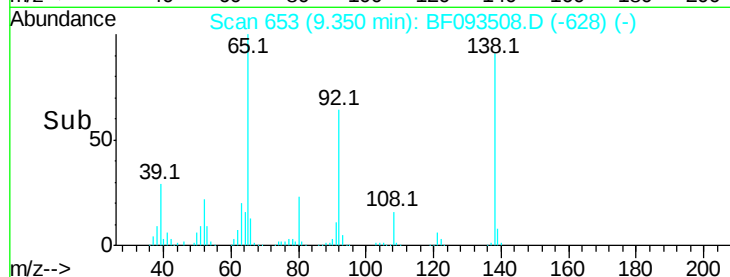
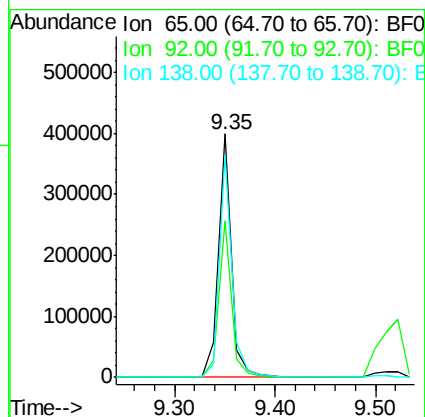
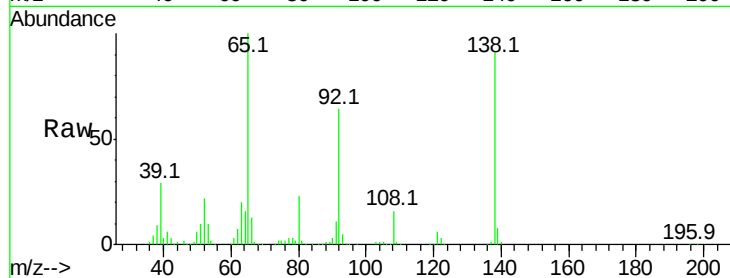
Tot Ion: 65 Resp: 357118

Ion Ratio Lower Upper

65 100

92 64.4 53.9 80.9

138 91.0 76.8 115.2



#48

Acenaphthylene

Concen: 41.64 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

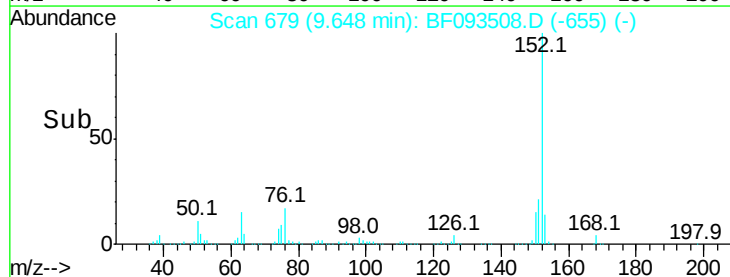
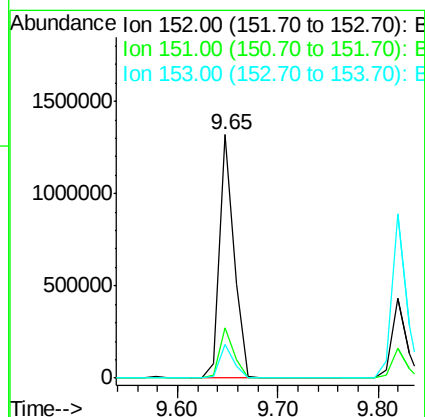
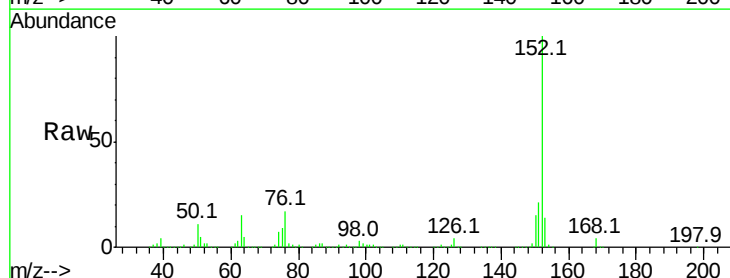
Tgt Ion:152 Resp: 1322672

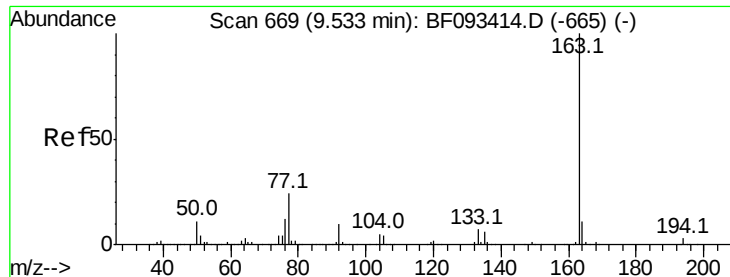
Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

153 13.8 11.4 17.2

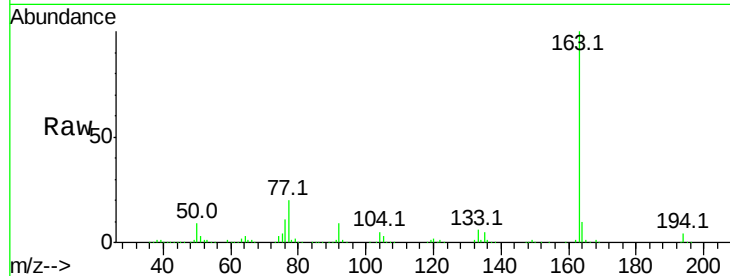




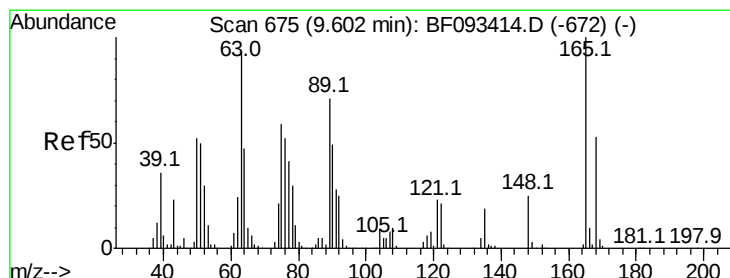
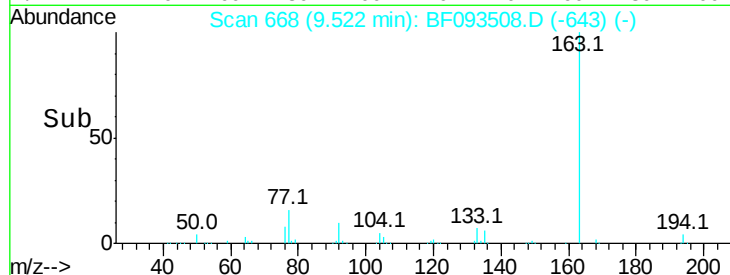
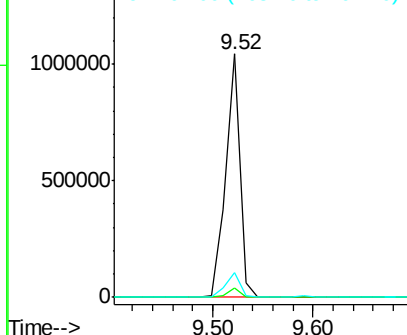
#49
Dimethylphthalate
Concen: 44.89 ng
RT: 9.52 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1027976
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.0 8.0 12.0

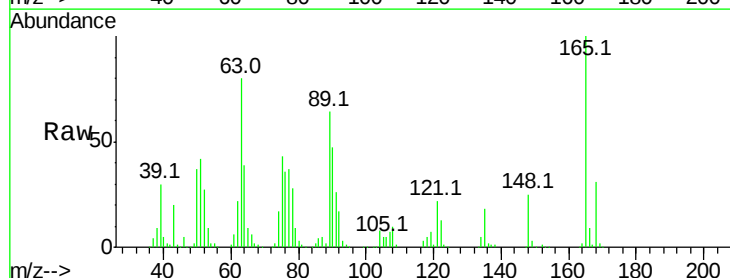


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

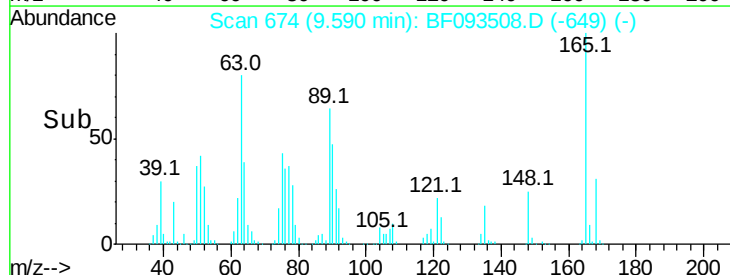
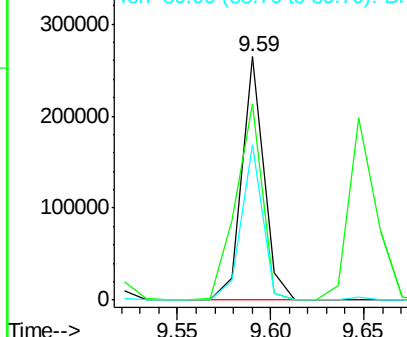


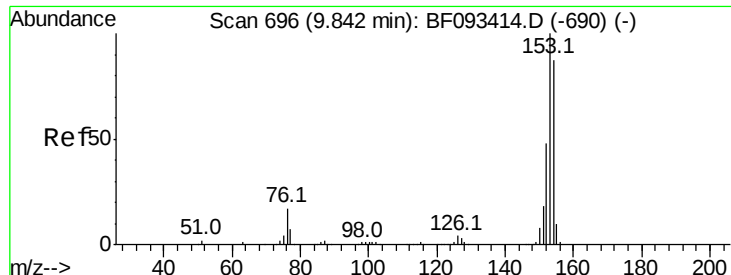
#50
2,6-Dinitrotoluene
Concen: 43.60 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion:165 Resp: 219075
Ion Ratio Lower Upper
165 100
63 80.4 36.2 54.4#
89 64.0 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: 40.88 ng

RT: 9.82 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampled :

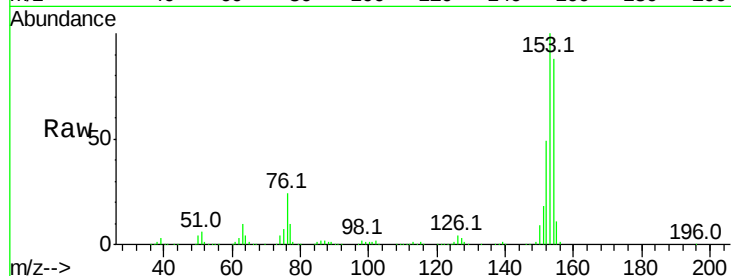
Tot Ion:154 Resp: 767859

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

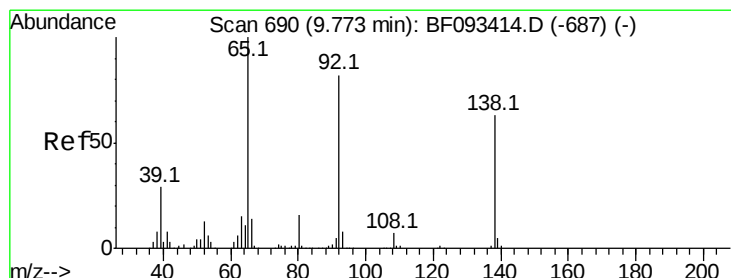
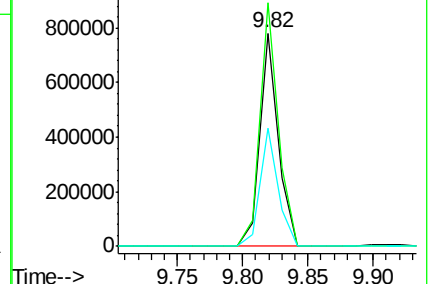
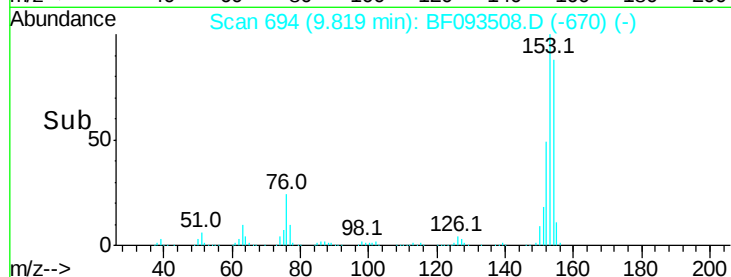
152 55.6 41.6 62.4



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: BF093508.D

Acq: 10 Mar 2017 7:16

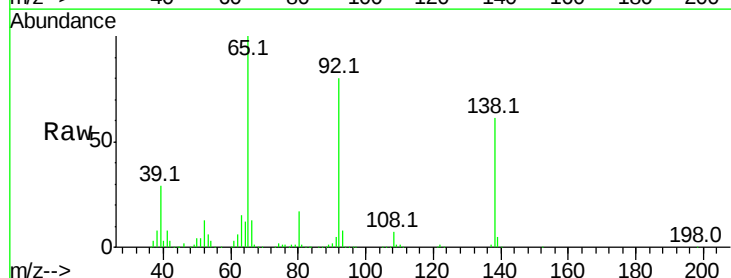
Tgt Ion:138 Resp: 257852

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

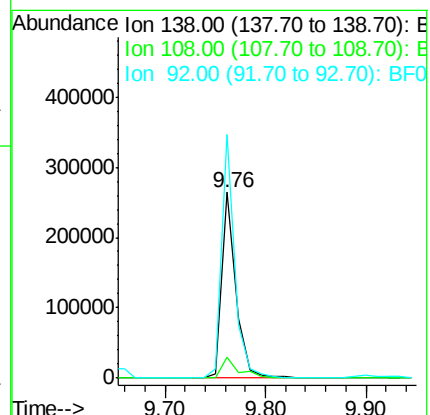
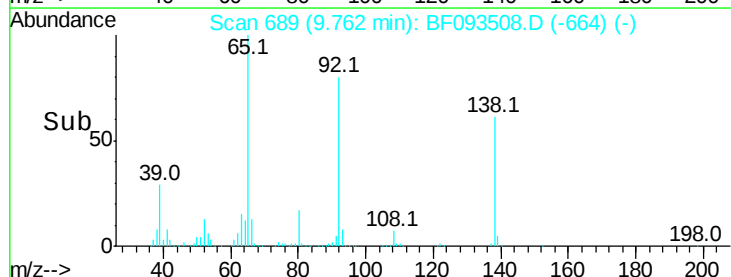
92 130.9 97.8 146.8

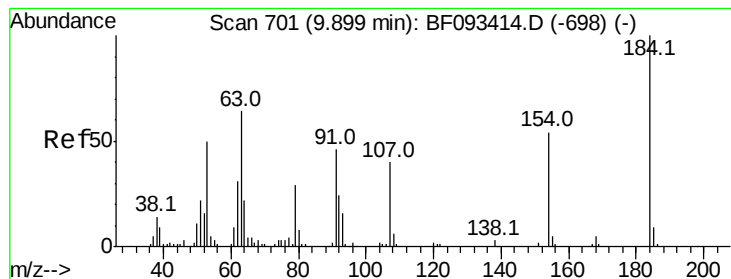


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 17.53 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

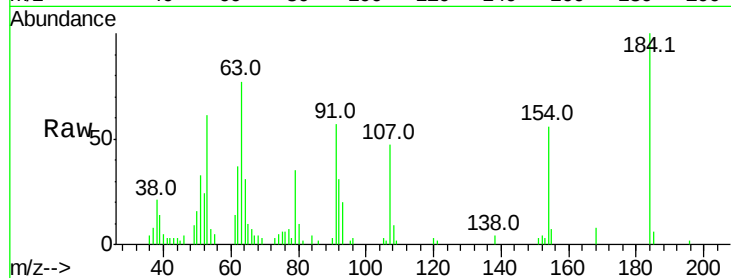
Tot Ion:184 Resp: 40123

Ion Ratio Lower Upper

184 100

63 76.6 28.4 42.6#

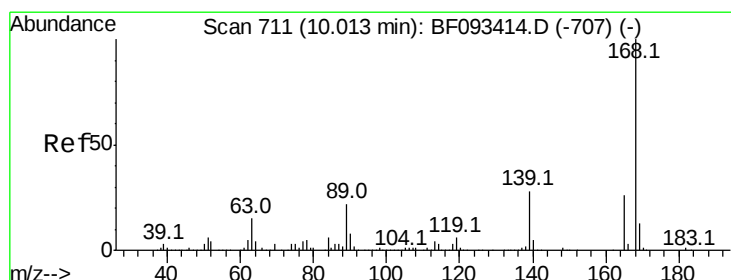
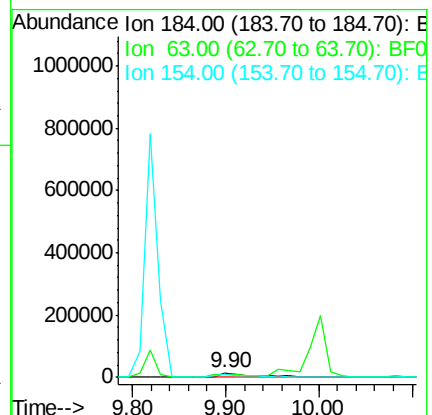
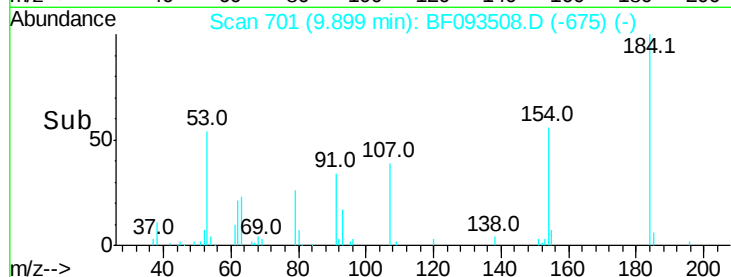
154 56.1 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.83 ng

RT: 9.99 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

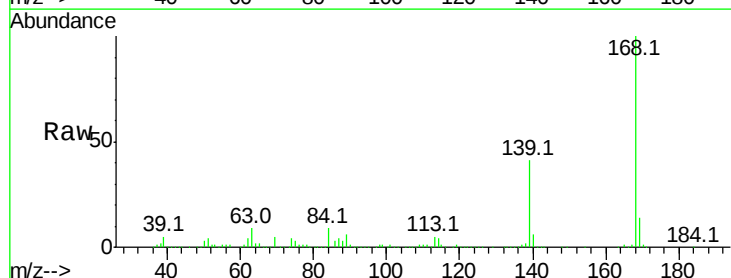
Tgt Ion:168 Resp: 1054004

Ion Ratio Lower Upper

168 100

139 40.8 32.6 49.0

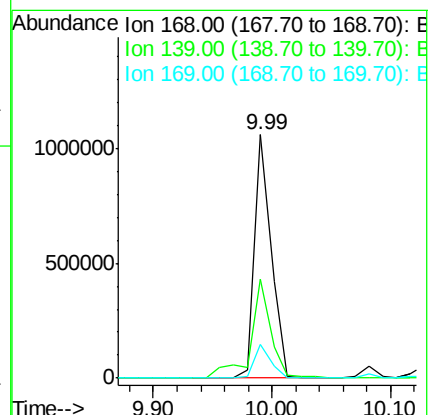
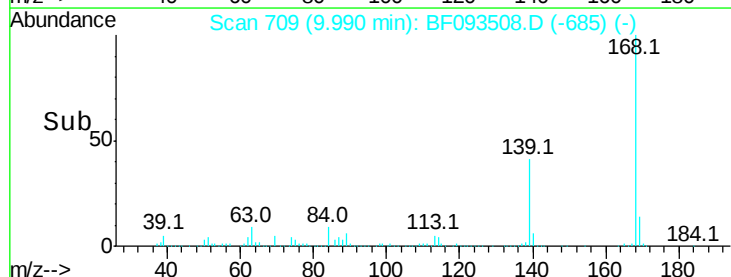
169 14.0 11.3 16.9

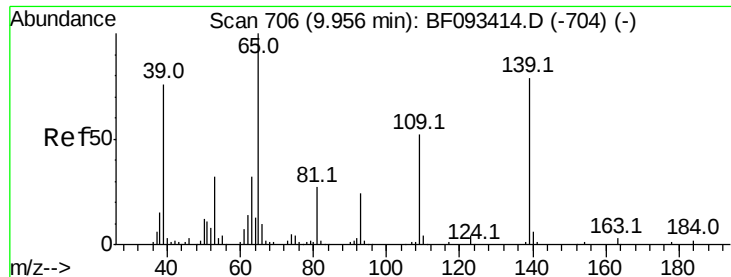


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

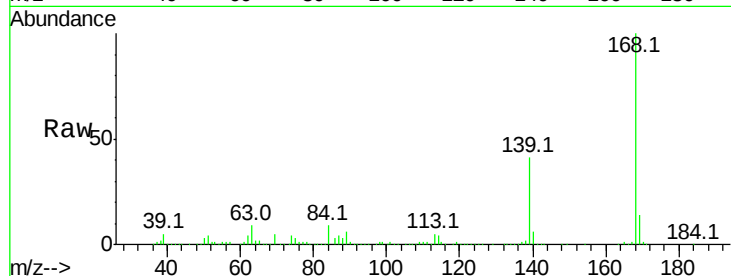




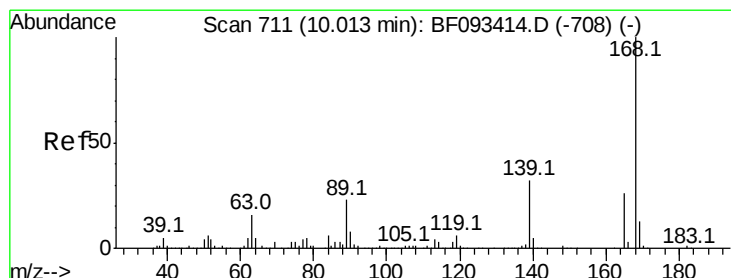
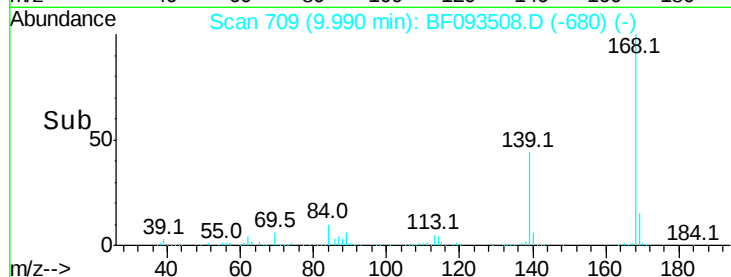
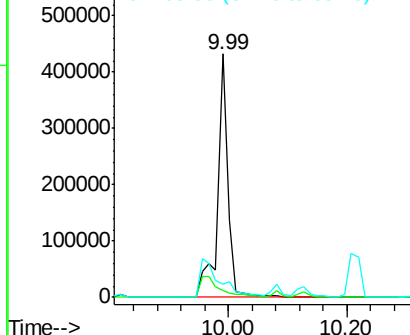
#55
4-Nitrophenol
Concen: 180.13 ng
RT: 9.99 min Scan# 709
Delta R.T. 0.03 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 528184
Ion Ratio Lower Upper
139 100
109 2.9 52.2 92.2#
65 5.3 85.8 125.8#



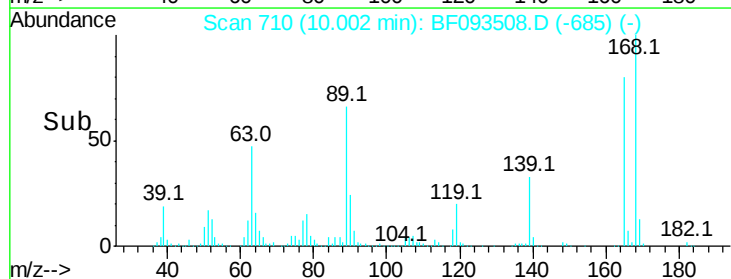
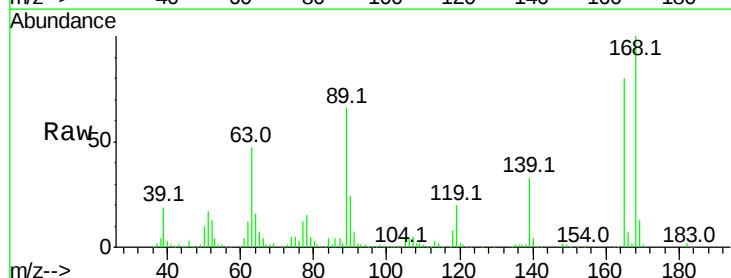
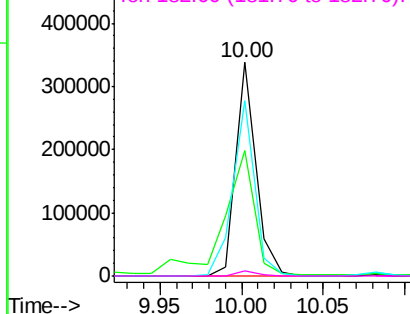
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

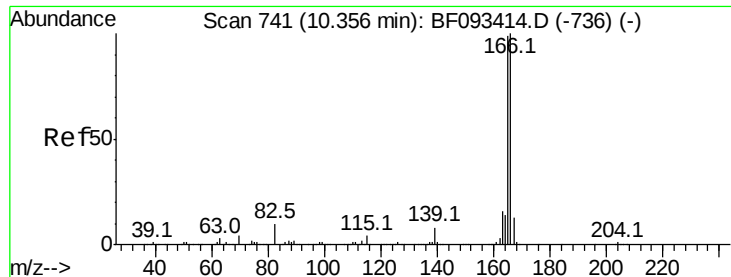


#56
2,4-Dinitrotoluene
Concen: 46.58 ng
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion:165 Resp: 287536
Ion Ratio Lower Upper
165 100
63 58.8 40.2 60.4
89 82.1 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

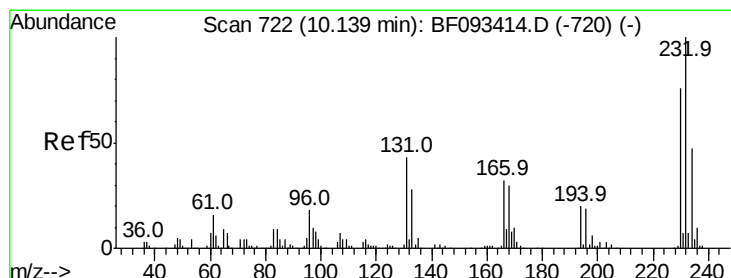
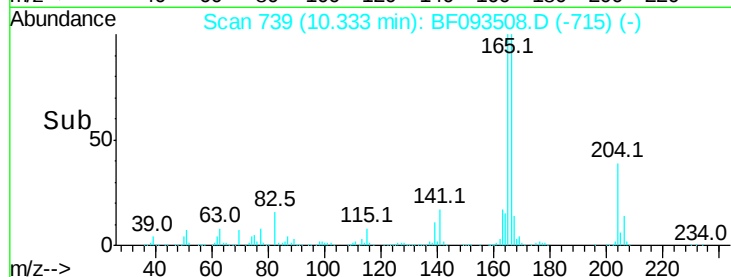
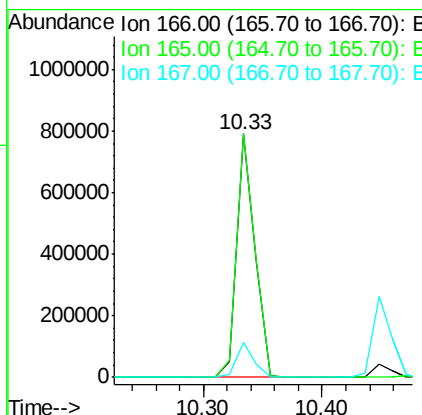
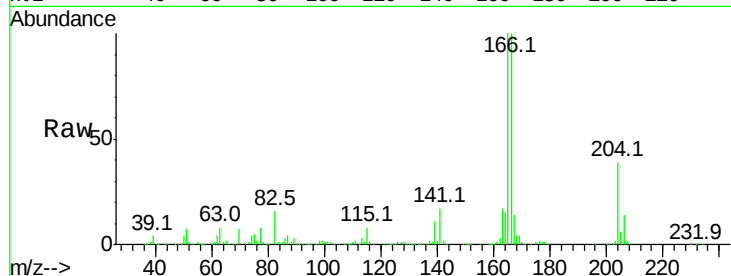




#57
 Fluorene
 Concen: 42.34 ng
 RT: 10.33 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

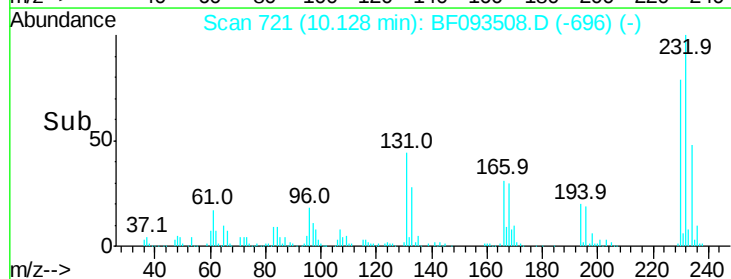
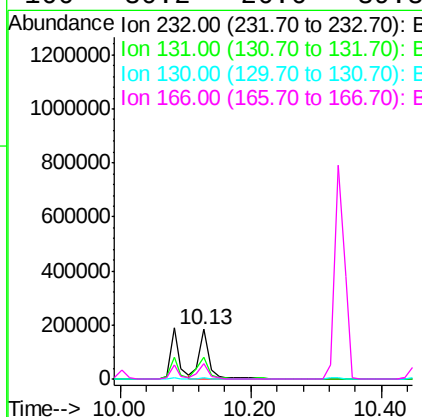
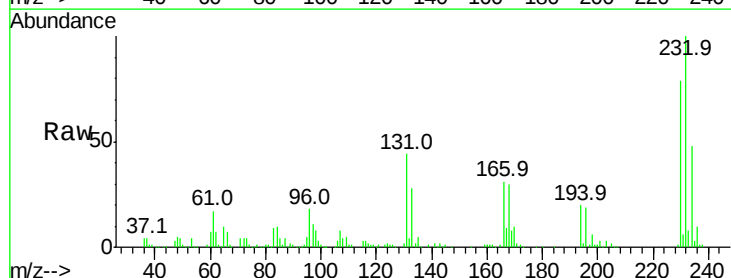
Instrument :
 BNA_F
 ClientSampleId :

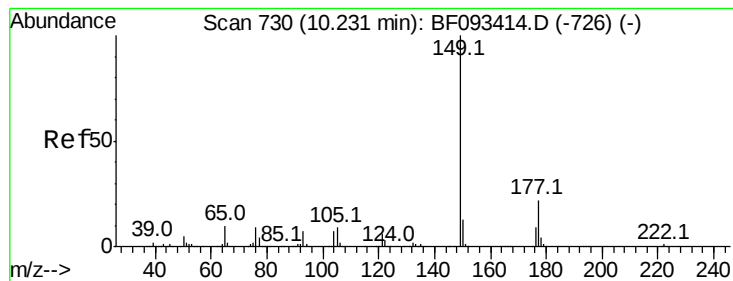
Tot Ion:166 Resp: 843619
 Ion Ratio Lower Upper
 166 100
 165 99.9 77.8 116.8
 167 14.2 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.33 ng
 RT: 10.13 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:232 Resp: 197839
 Ion Ratio Lower Upper
 232 100
 131 49.5 40.1 60.1
 130 2.4 1.8 2.8
 166 30.2 26.6 39.8





#59

Diethylphthalate

Concen: 46.35 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampled :

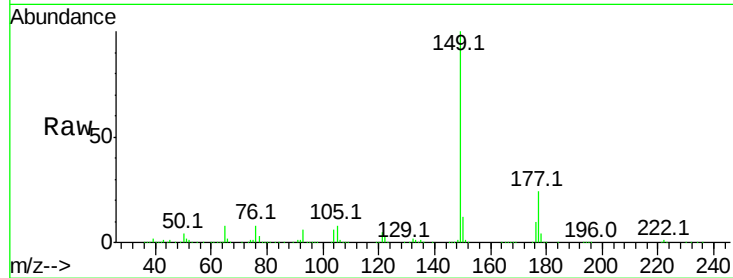
Tot Ion:149 Resp: 1014557

Ion Ratio Lower Upper

149 100

177 24.0 16.6 25.0

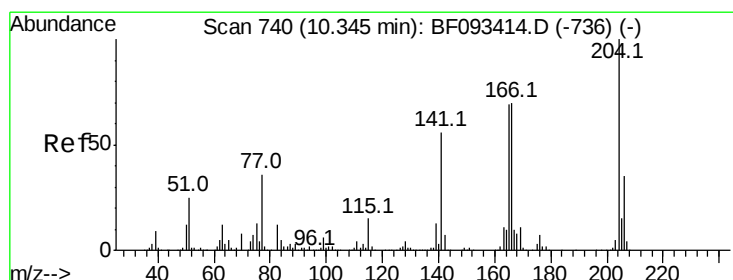
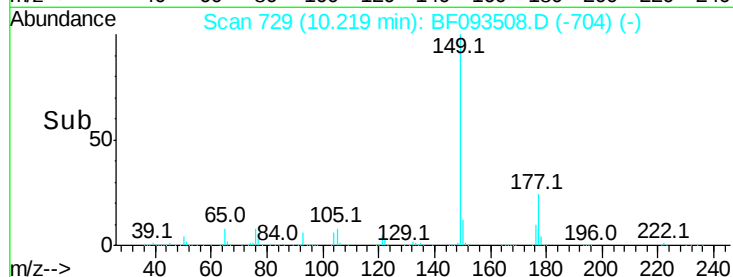
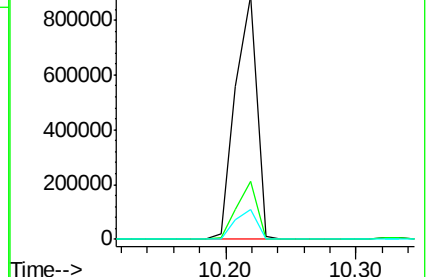
150 12.2 10.4 15.6



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: 45.59 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

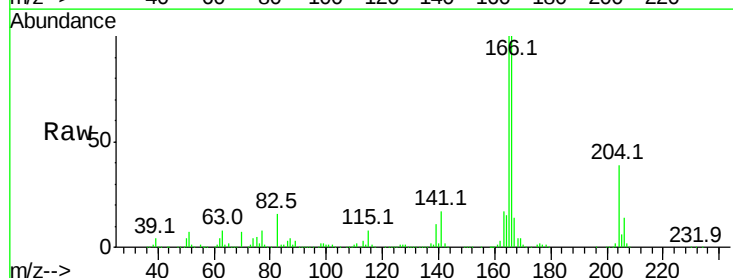
Tgt Ion:204 Resp: 407148

Ion Ratio Lower Upper

204 100

206 35.5 25.8 38.6

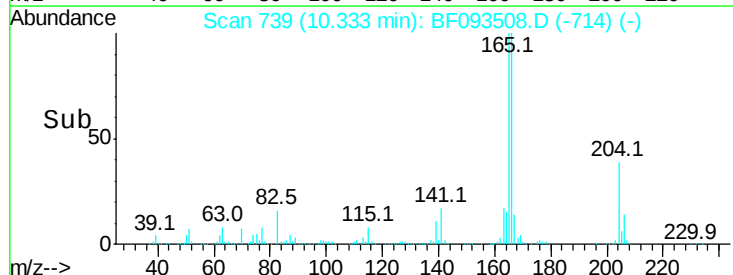
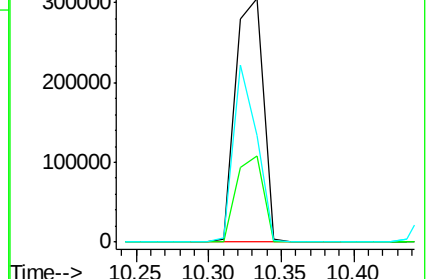
141 44.0 59.4 89.0#

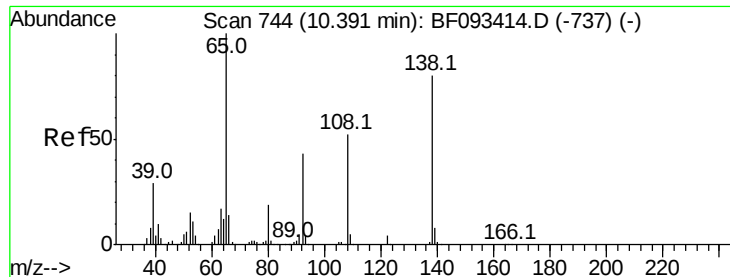


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

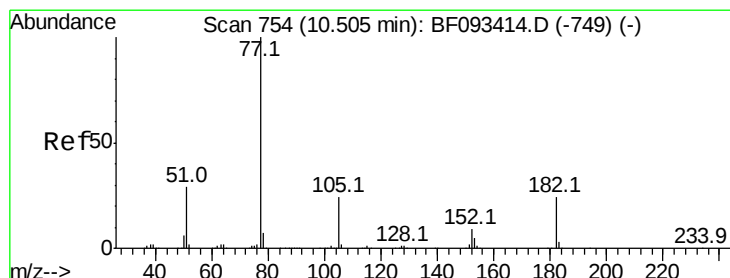
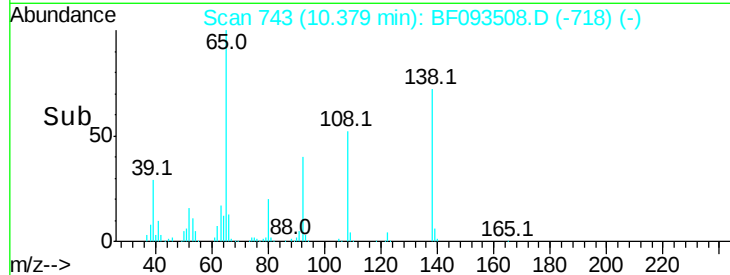
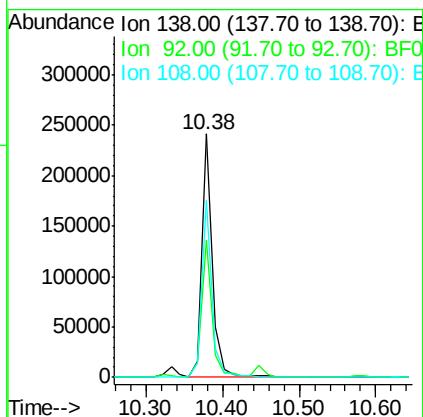
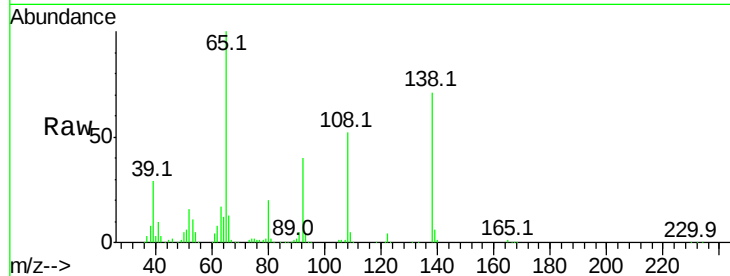




#61
 4-Nitroaniline
 Concen: 36.64 ng
 RT: 10.38 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

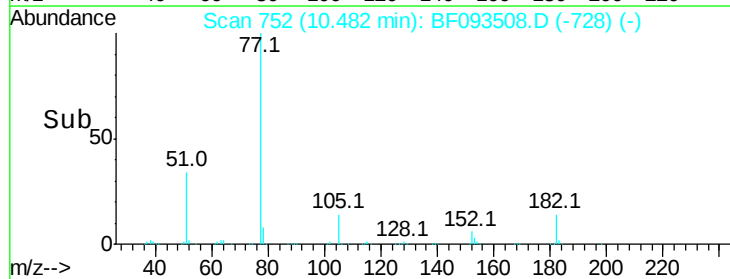
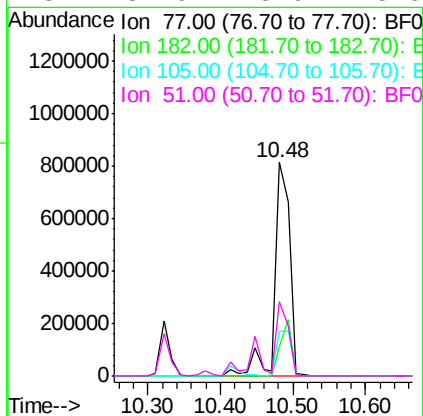
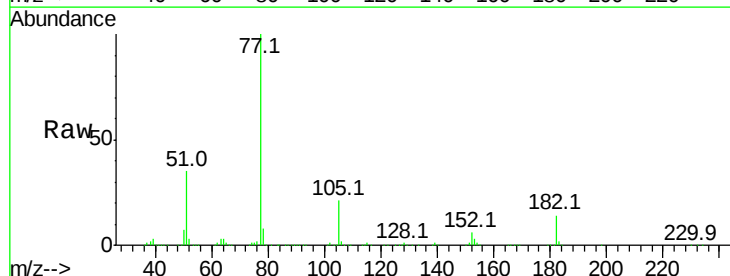
Instrument :
 BNA_F
 ClientSampled :

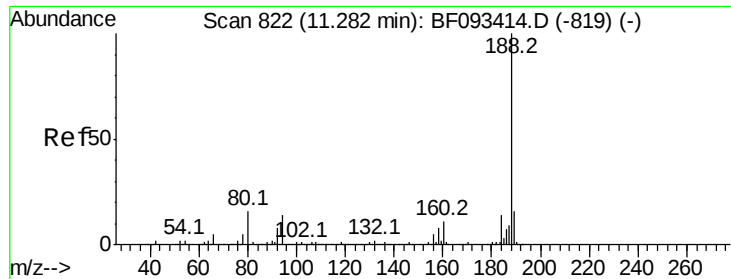
Tot Ion:138 Resp: 226222
 Ion Ratio Lower Upper
 138 100
 92 56.2 31.7 71.7
 108 72.5 52.6 92.6



#62
 Azobenzene
 Concen: 46.55 ng
 RT: 10.48 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion: 77 Resp: 1157678
 Ion Ratio Lower Upper
 77 100
 182 13.5 0.0 39.3
 105 20.8 2.3 42.3
 51 34.9 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

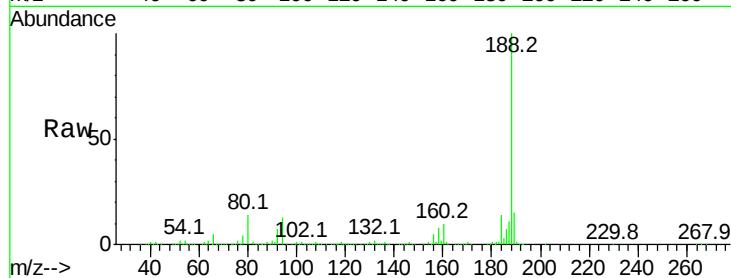
Tot Ion:188 Resp: 585880

Ion Ratio Lower Upper

188 100

94 12.6 10.0 15.0

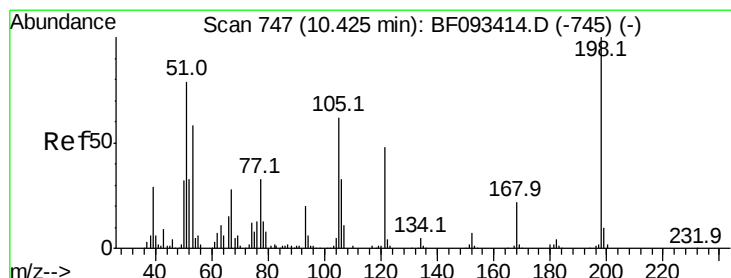
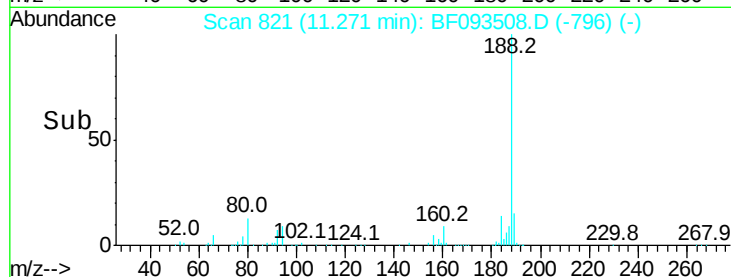
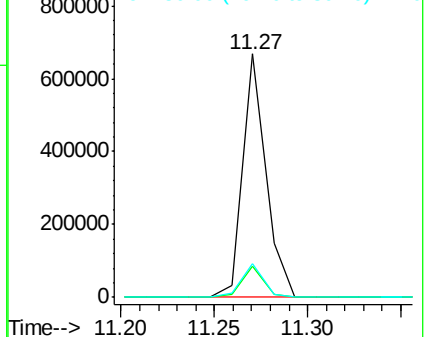
80 13.9 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 23.59 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

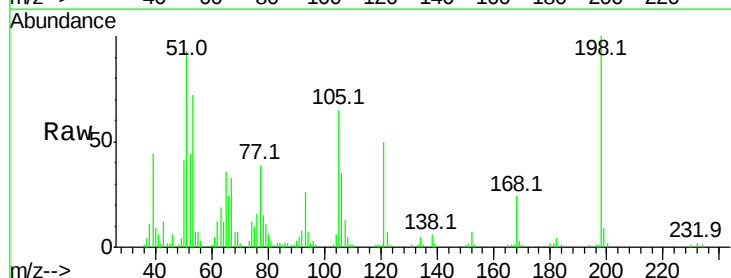
Tgt Ion:198 Resp: 89542

Ion Ratio Lower Upper

198 100

51 93.4 6.7 46.7#

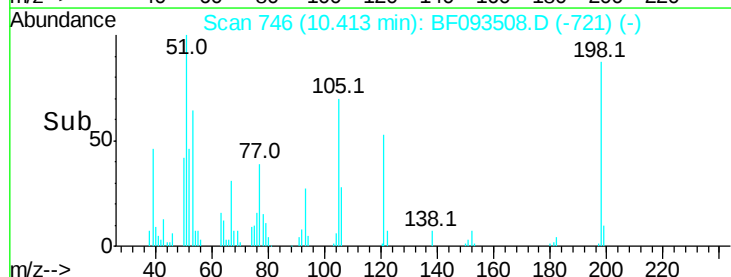
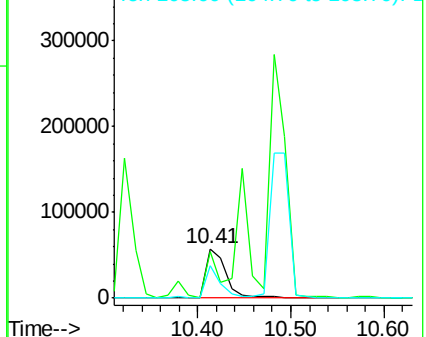
105 65.2 16.6 56.6#

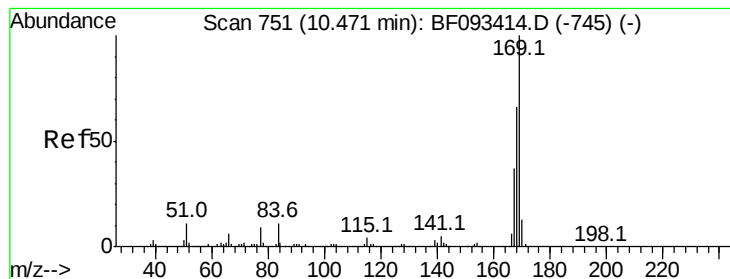


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.28 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

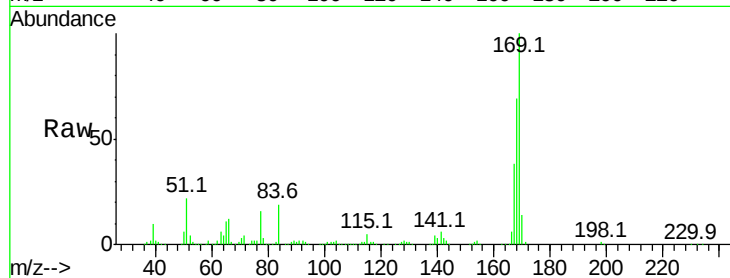
Tot Ion:169 Resp: 748935

Ion Ratio Lower Upper

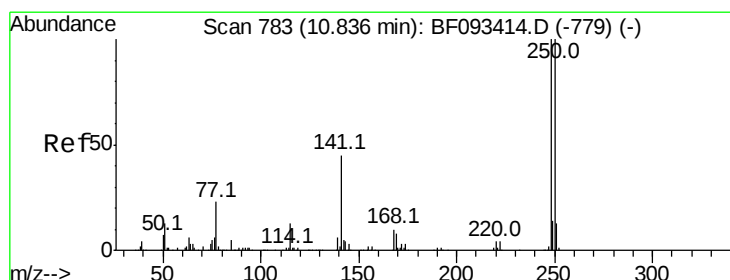
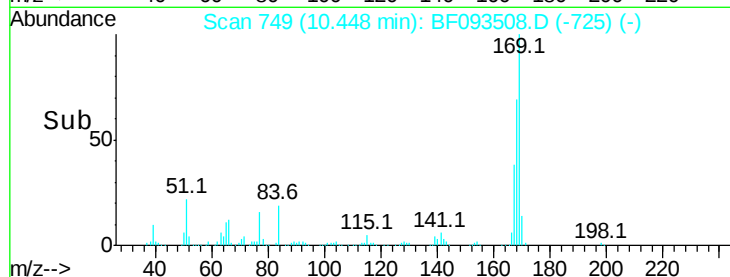
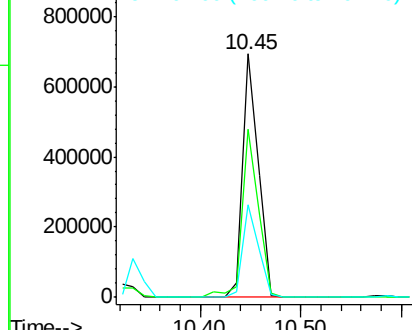
169 100

168 68.8 54.2 81.2

167 38.3 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: 37.41 ng

RT: 10.81 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

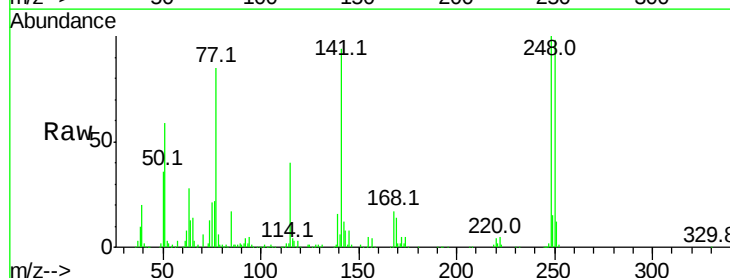
Tgt Ion:248 Resp: 231784

Ion Ratio Lower Upper

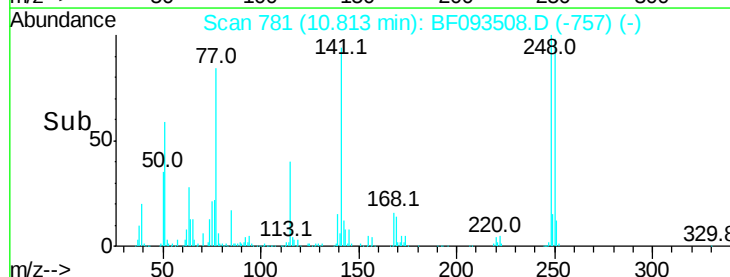
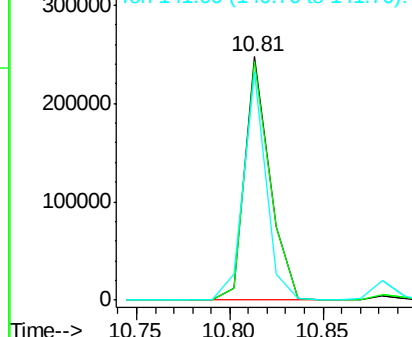
248 100

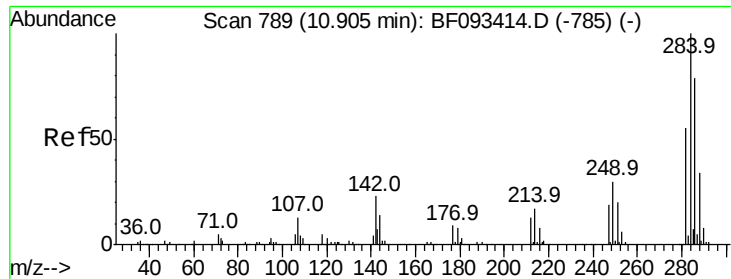
250 98.0 76.9 115.3

141 93.8 68.2 102.4



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





#67

Hexachlorobenzene

Concen: 37.74 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampled :

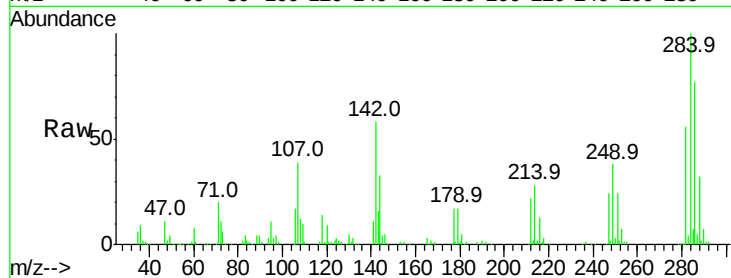
Tot Ion:284 Resp: 223269

Ion Ratio Lower Upper

284 100

142 58.1 22.6 33.8#

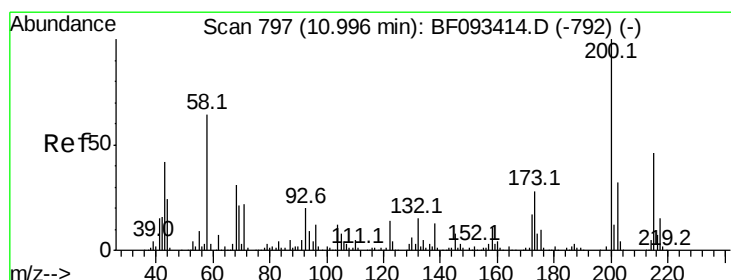
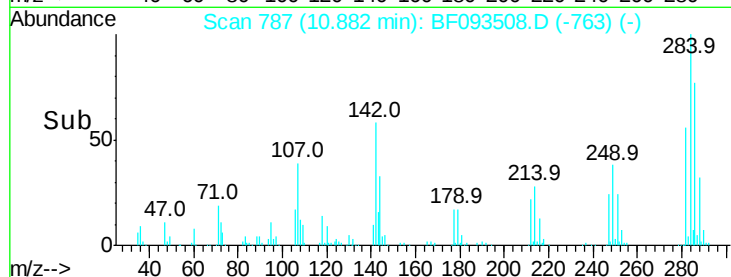
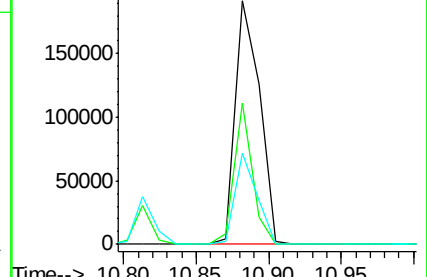
249 37.7 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.20 ng

RT: 10.98 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

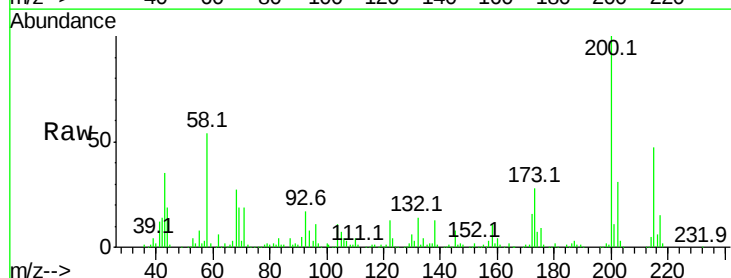
Tgt Ion:200 Resp: 270244

Ion Ratio Lower Upper

200 100

173 27.9 9.6 49.6

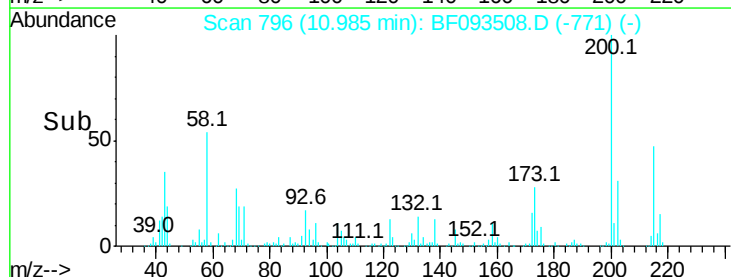
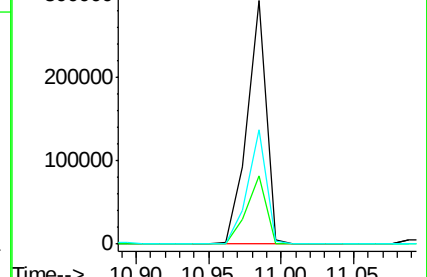
215 46.7 25.7 65.7

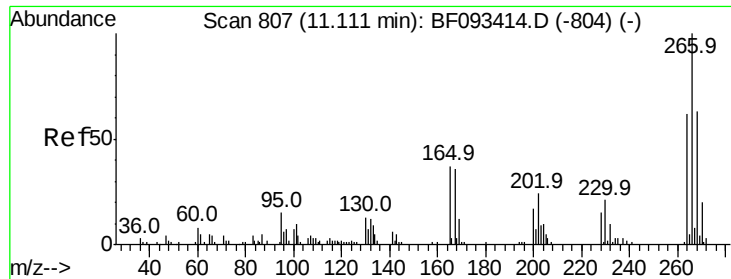


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

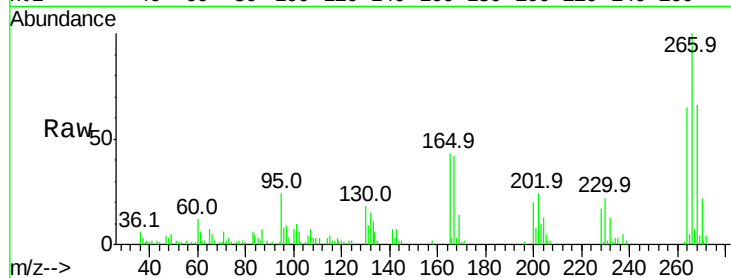




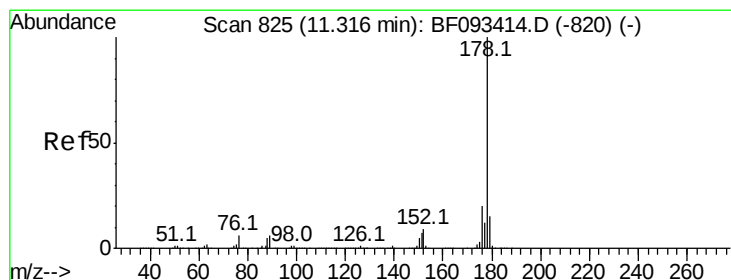
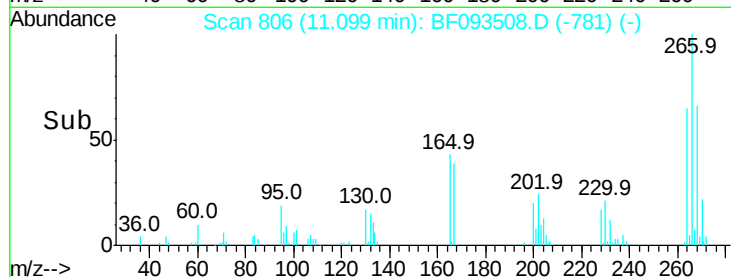
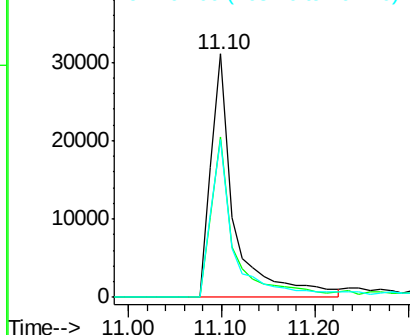
#69
 Pentachlorophenol
 Concen: 26.82 ng
 RT: 11.10 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 54788
 Ion Ratio Lower Upper
 266 100
 268 66.0 53.3 79.9
 264 64.9 50.3 75.5

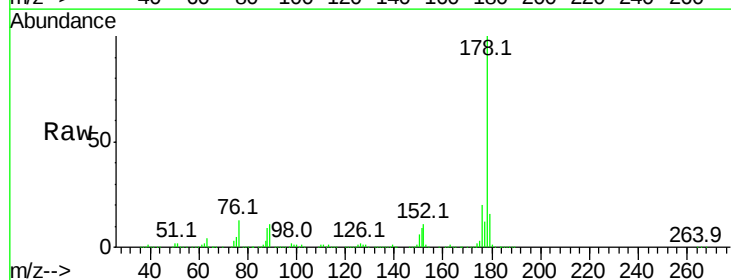


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

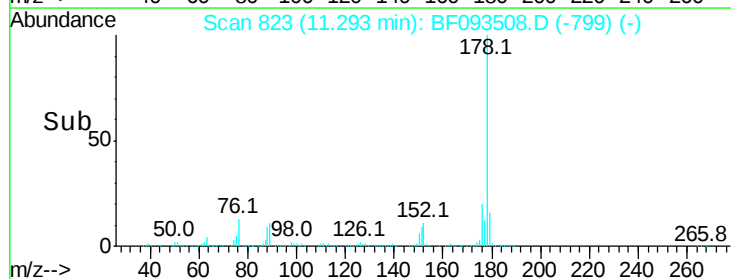
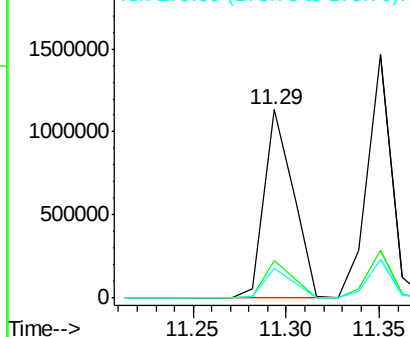


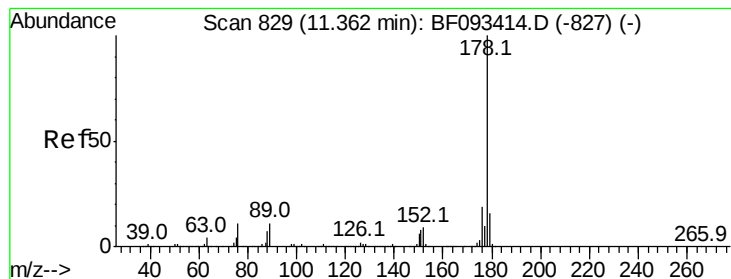
#70
 Phenanthrene
 Concen: 36.58 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:178 Resp: 1223296
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.6 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: 38.57 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

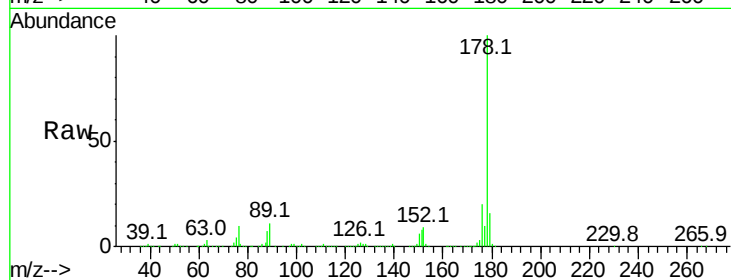
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1304713

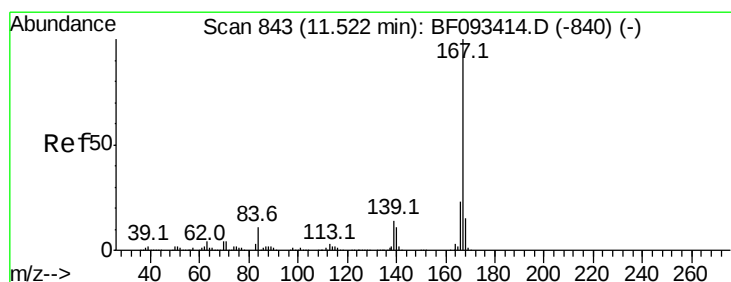
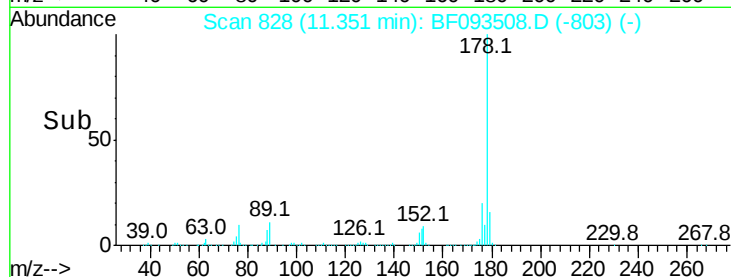
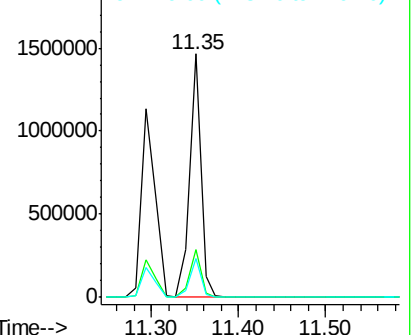
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.9	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.64 ng

RT: 11.51 min Scan# 842

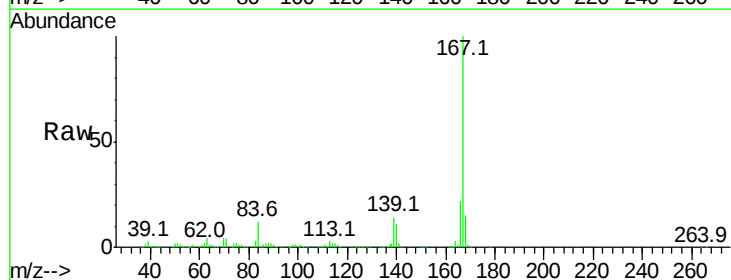
Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Tgt Ion:167 Resp: 1164429

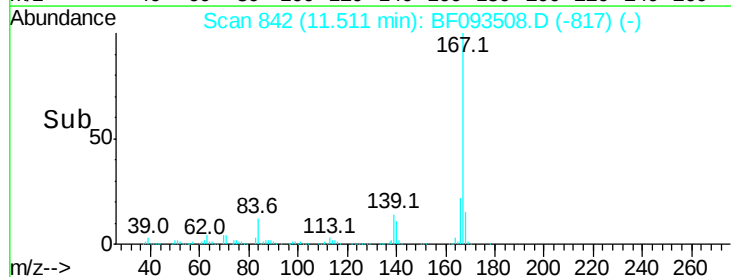
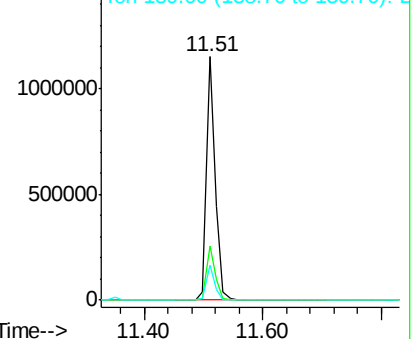
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	14.3	11.4	17.2

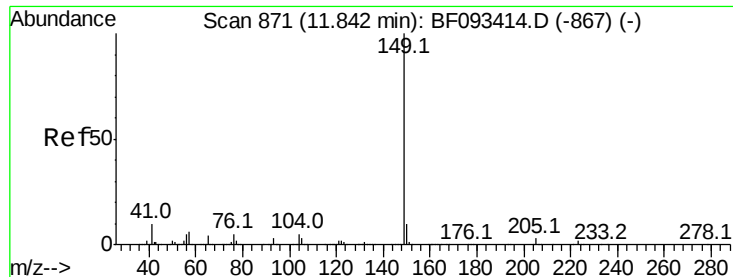


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.99 ng

RT: 11.83 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

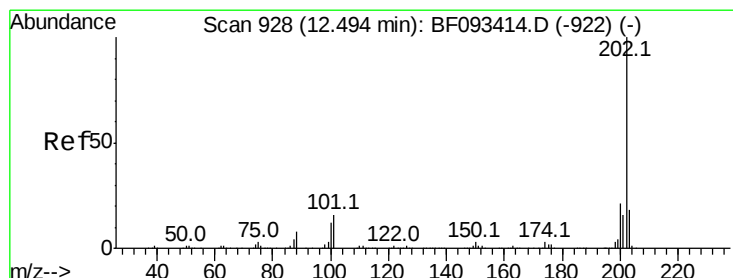
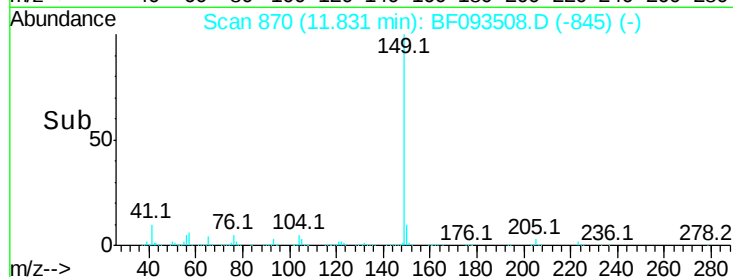
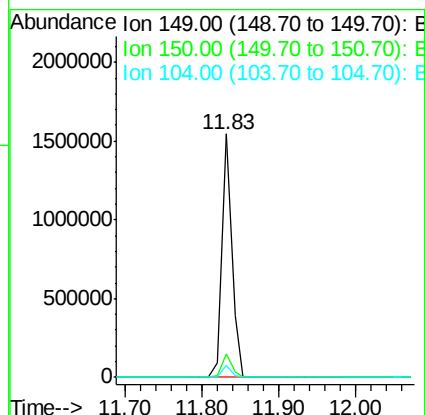
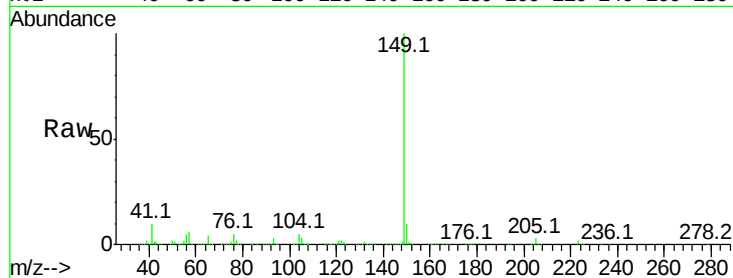
Tot Ion:149 Resp: 1396685

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

104 5.1 4.6 7.0



#74

Fluoranthene

Concen: 33.51 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

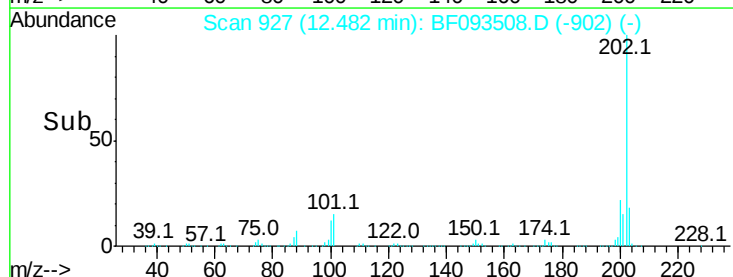
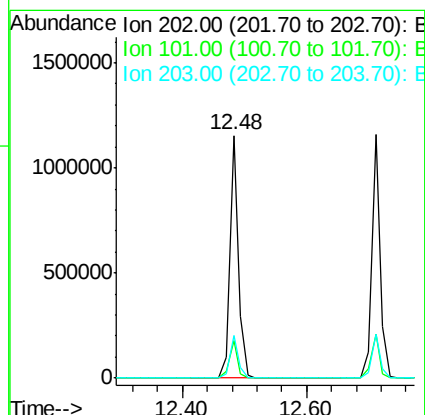
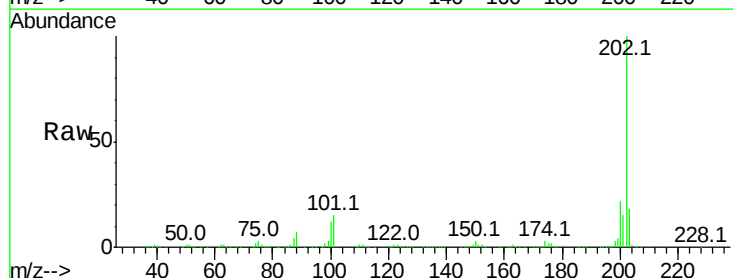
Tgt Ion:202 Resp: 1082395

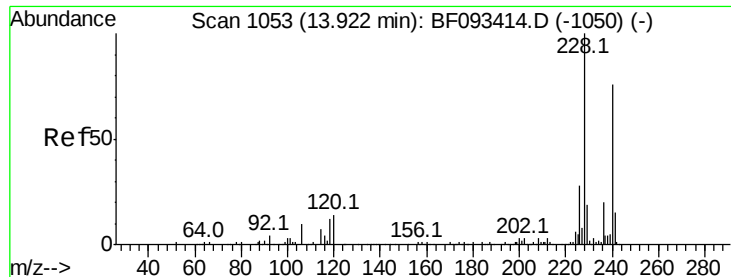
Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.6

203 17.8 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: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

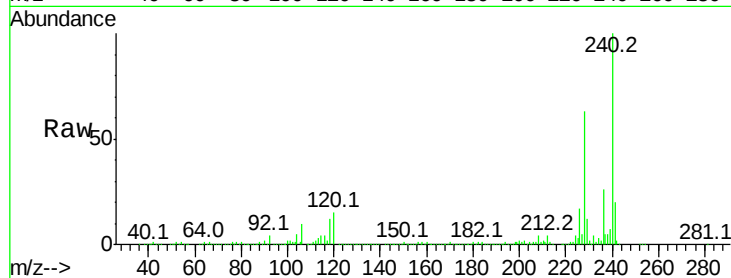
Tot Ion:240 Resp: 382436

Ion Ratio Lower Upper

240 100

120 14.8 12.9 19.3

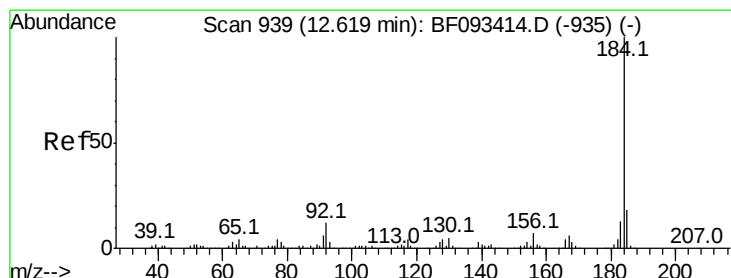
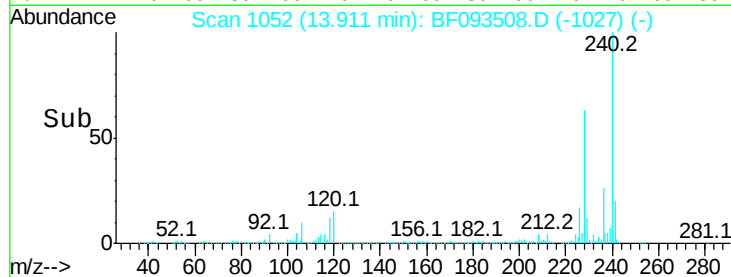
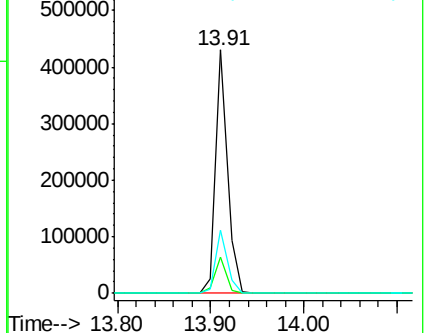
236 26.0 20.9 31.3



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: 53.87 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

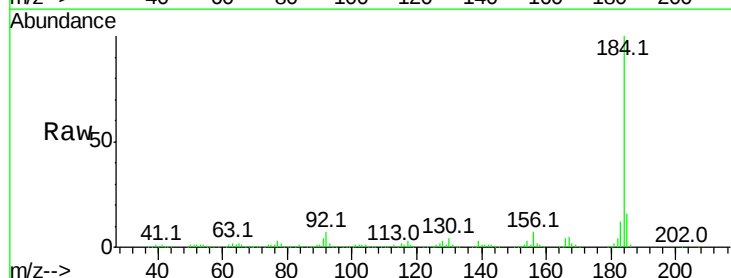
Tgt Ion:184 Resp: 677419

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.0

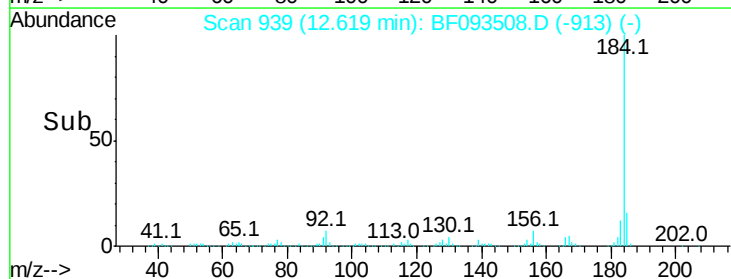
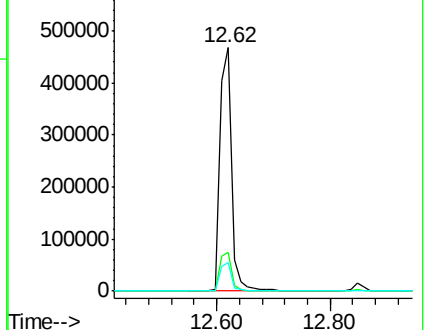
183 11.6 9.2 13.8

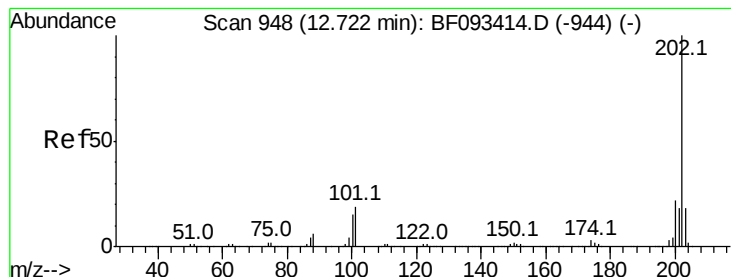


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.20 ng

RT: 12.71 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampled :

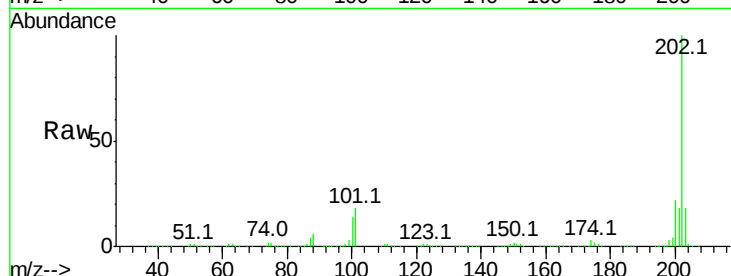
Tot Ion:202 Resp: 1062486

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

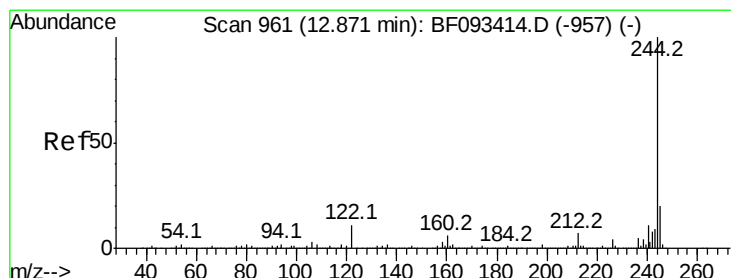
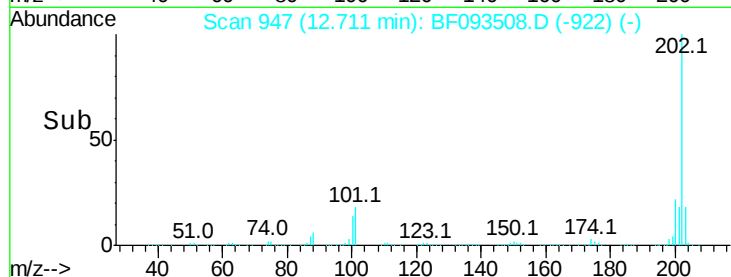
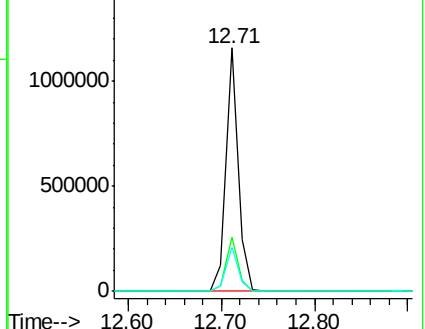
203 17.8 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.02 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

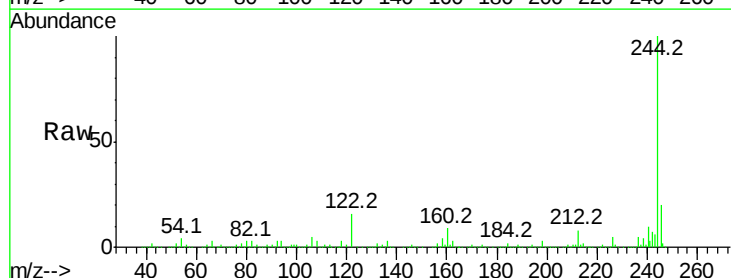
Tgt Ion:244 Resp: 1279963

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

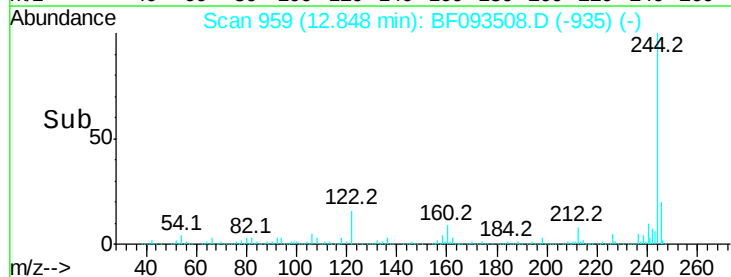
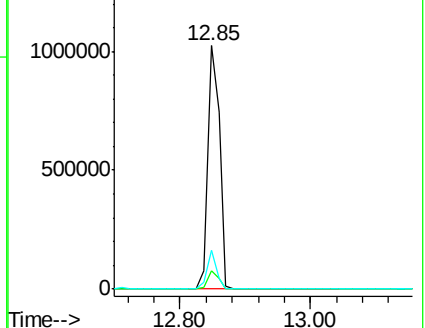
122 16.0 11.4 17.2

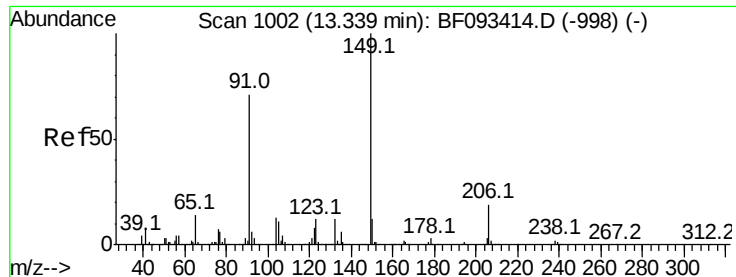


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

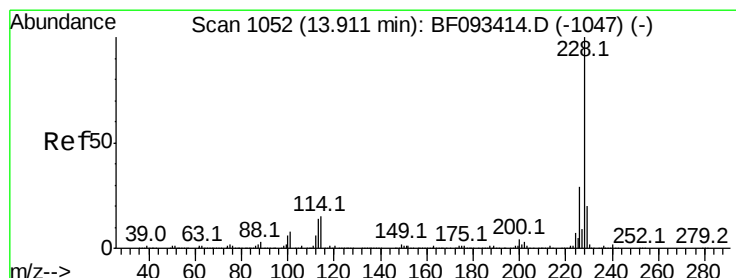
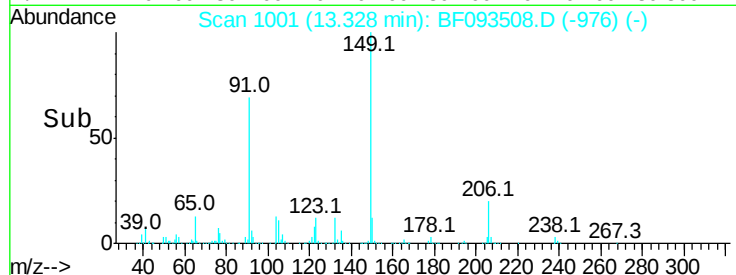
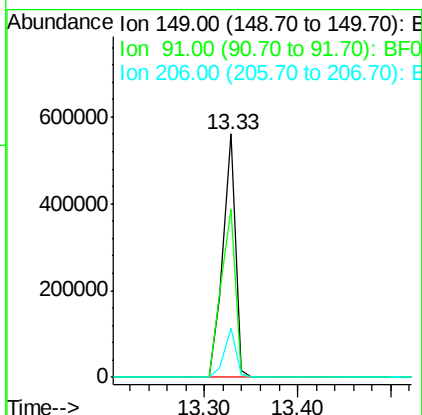
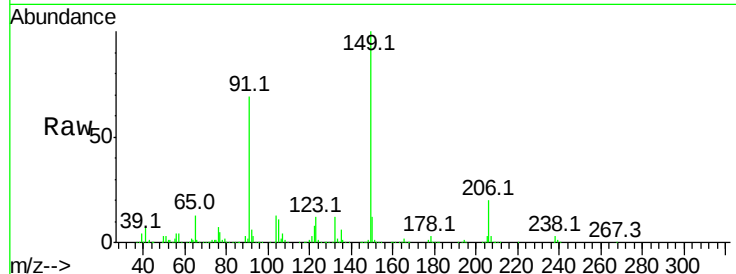




#79
Butylbenzylphthalate
Concen: 44.89 ng
RT: 13.33 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

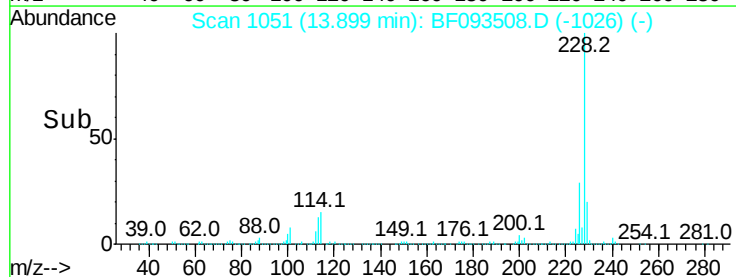
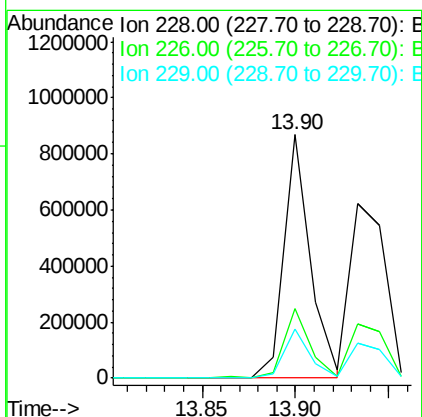
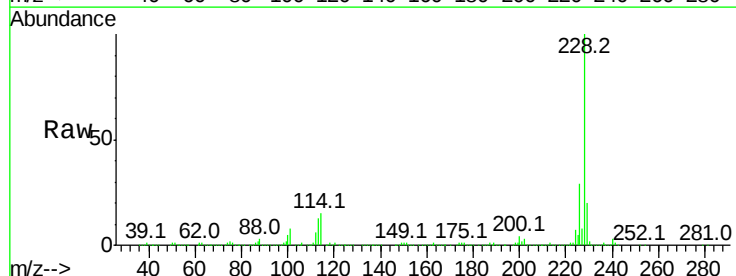
Instrument :
BNA_F
ClientSampleId :

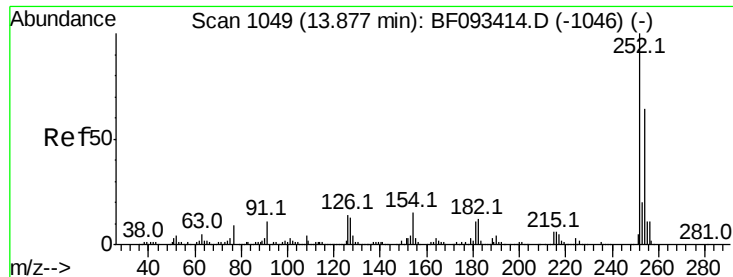
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.9	63.9	95.9
206	20.4	14.6	21.8



#80
Benzo(a)anthracene
Concen: 37.67 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	20.0	16.2	24.4

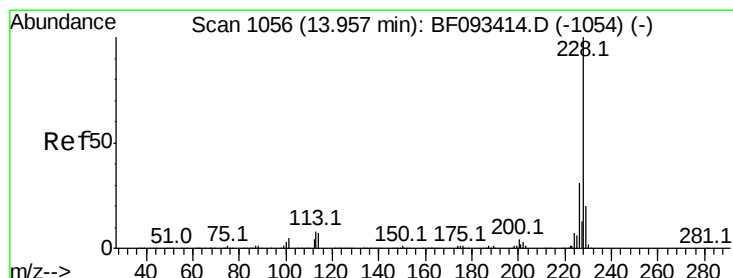
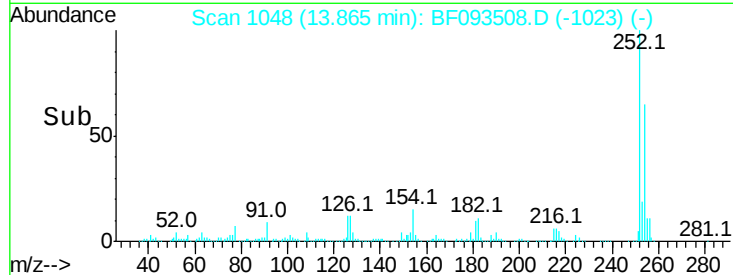
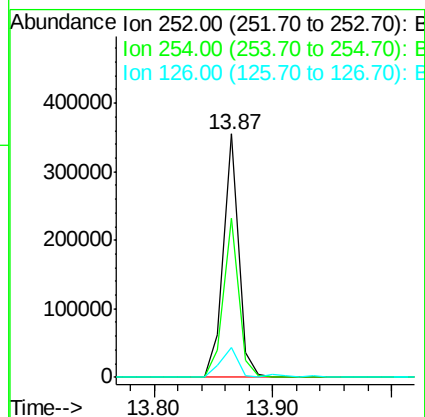
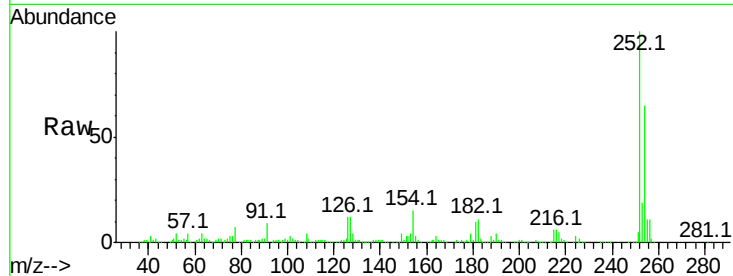




#81
 3,3'-Dichlorobenzidine
 Concen: 40.09 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

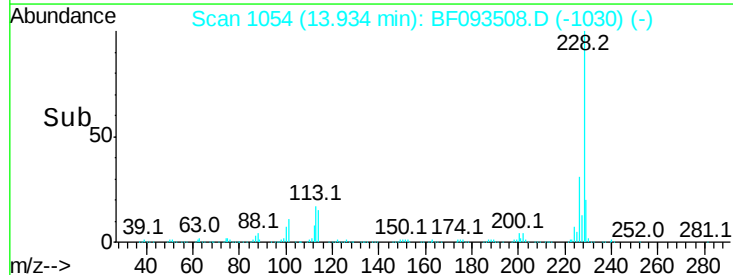
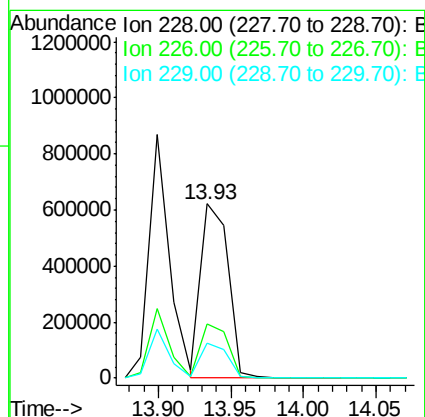
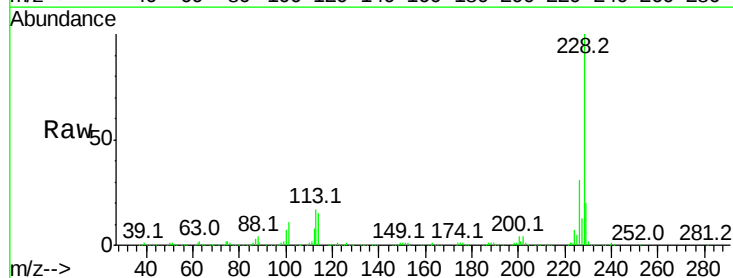
Instrument :
 BNA_F
 ClientSampled :

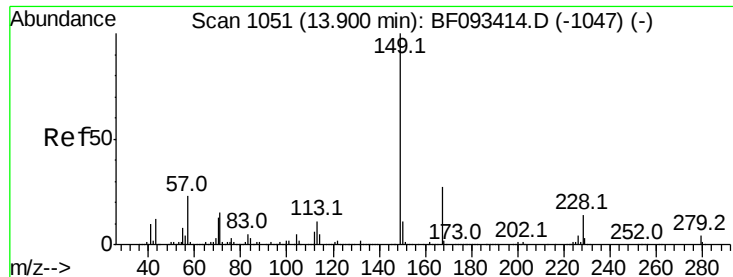
Tot Ion:252 Resp: 317082
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.3 78.5
 126 12.2 13.6 20.4#



#82
 Chrysene
 Concen: 39.09 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:228 Resp: 816861
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 19.9 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.88 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

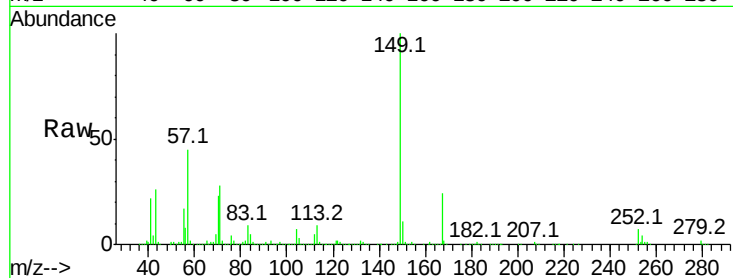
Tot Ion:149 Resp: 683482

Ion Ratio Lower Upper

149 100

167 24.4 20.2 30.4

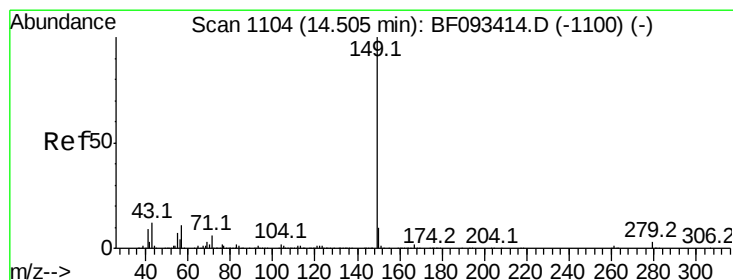
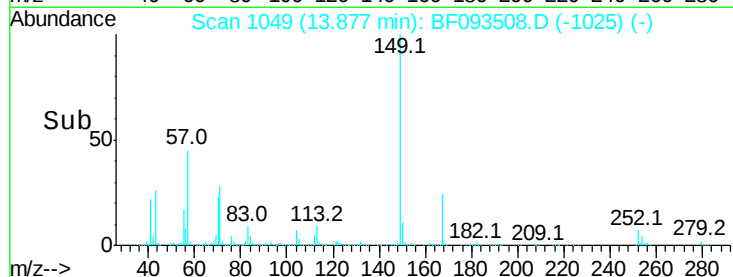
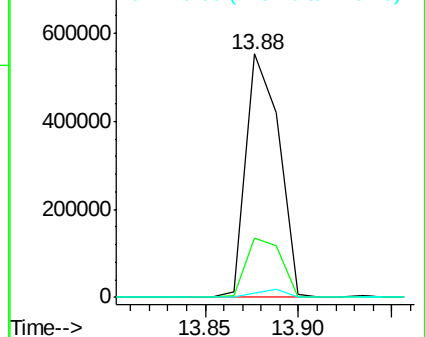
279 1.6 1.8 2.8#



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: 39.63 ng

RT: 14.49 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

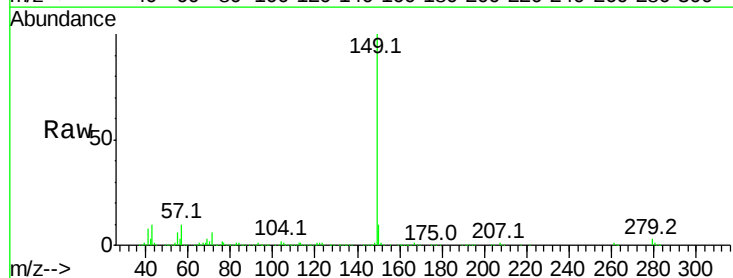
Tgt Ion:149 Resp: 1077890

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

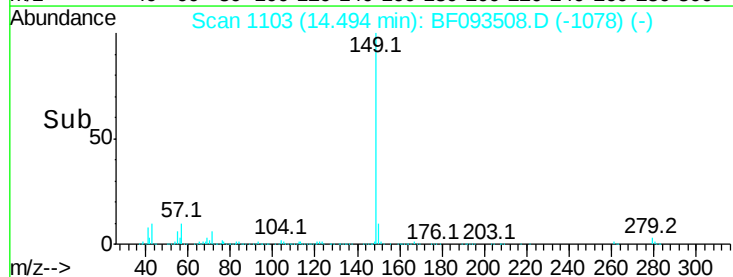
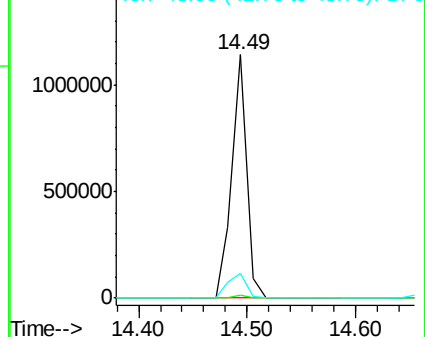
43 12.4 8.9 13.3

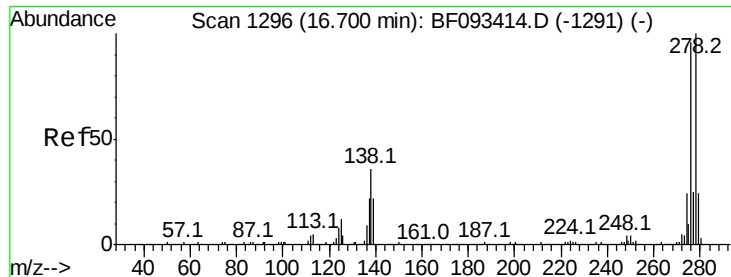


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

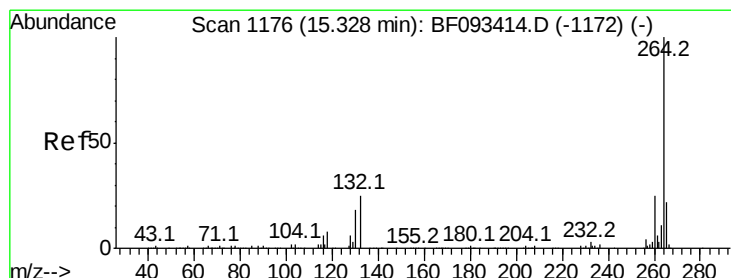
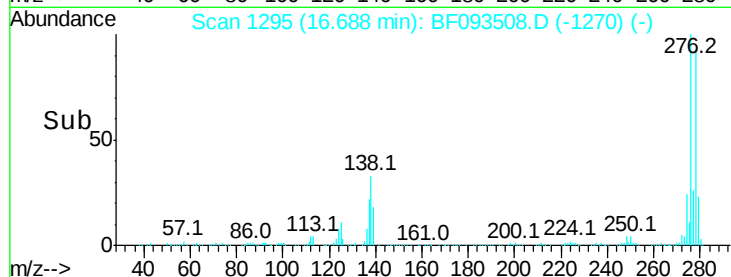
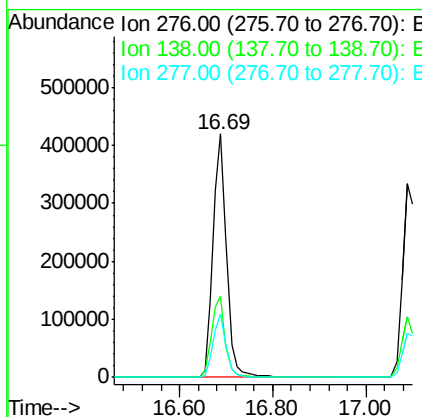
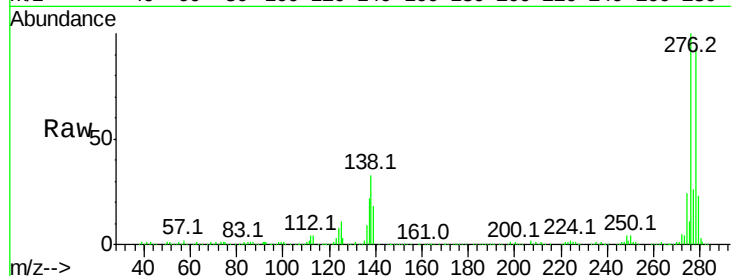




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.83 ng
 RT: 16.69 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

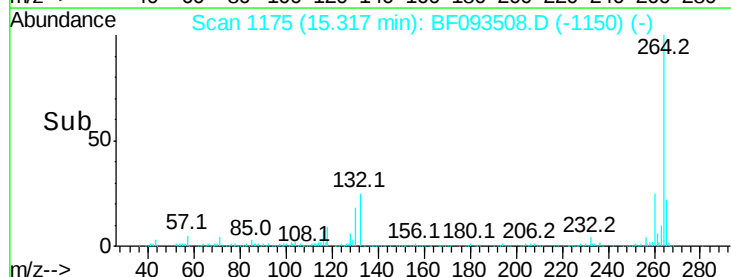
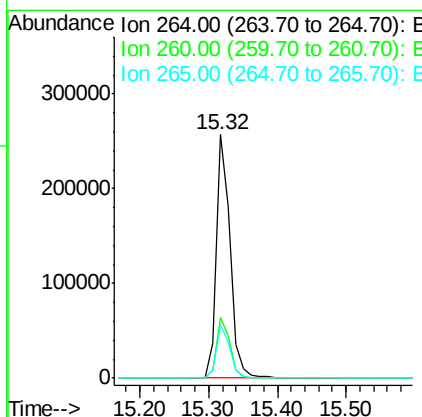
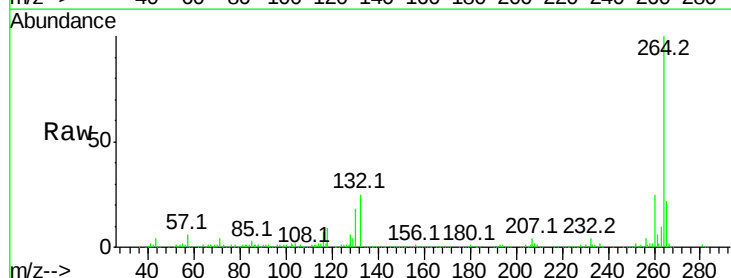
Instrument :
 BNA_F
 ClientSampleID :

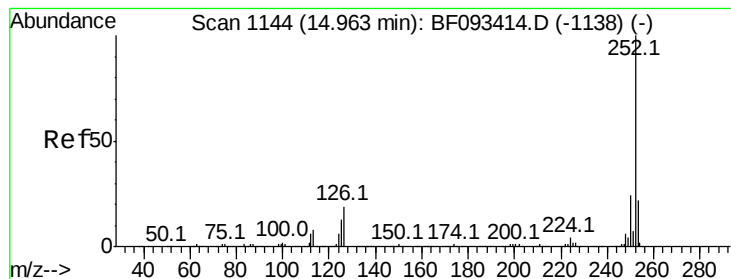
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	21.8	32.6
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 75.80 ng

RT: 14.95 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

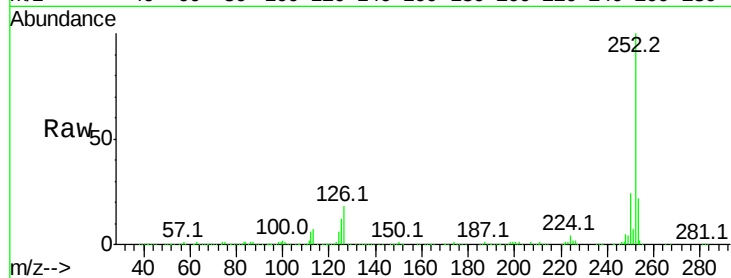
Tot Ion:252 Resp: 1682241

Ion Ratio Lower Upper

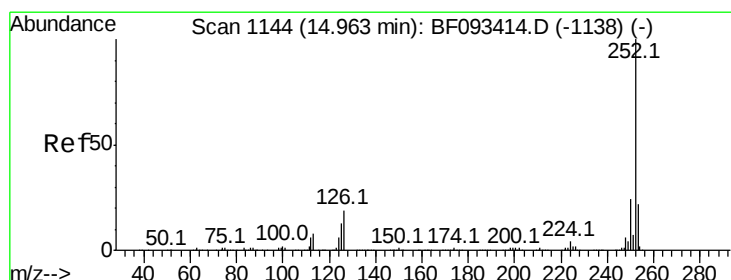
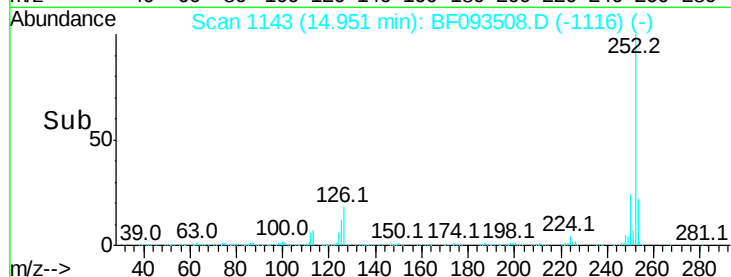
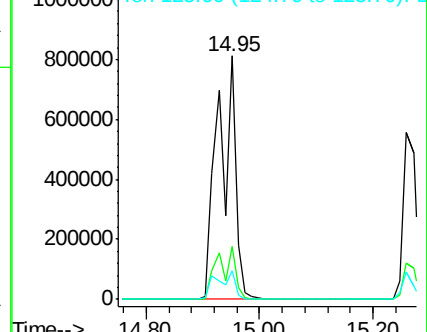
252 100

253 21.9 18.2 27.4

125 12.0 9.8 14.6



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



#88

Benzo(k)fluoranthene

Concen: 78.60 ng

RT: 14.95 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

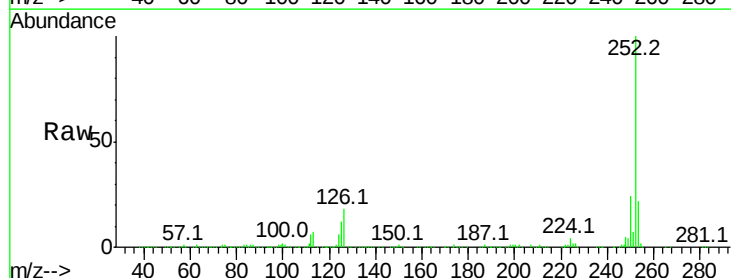
Tgt Ion:252 Resp: 1682241

Ion Ratio Lower Upper

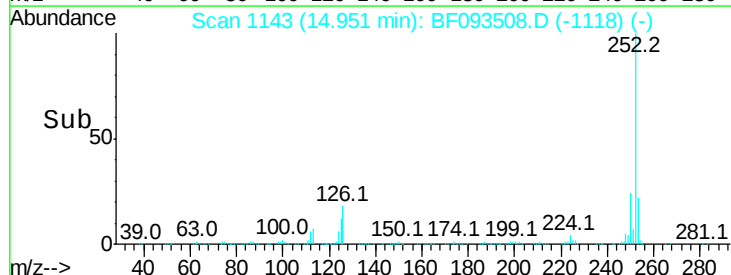
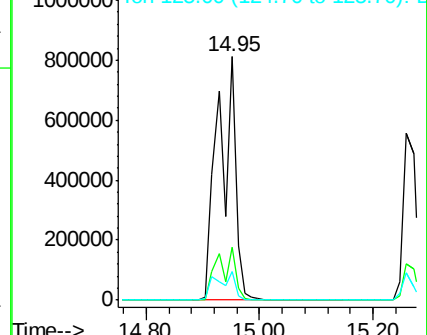
252 100

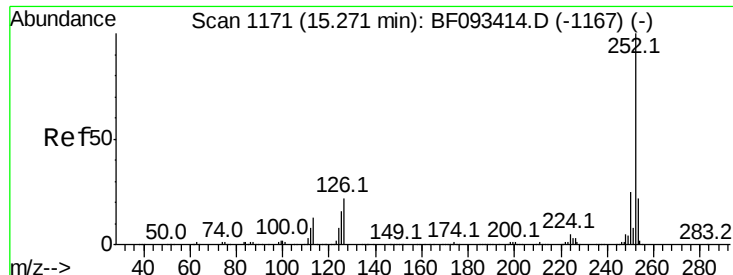
253 21.9 18.5 27.7

125 12.0 8.9 13.3



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

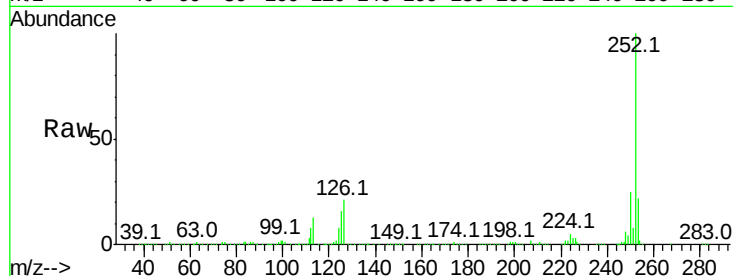




#89
Benzo(a)pyrene
Concen: 40.74 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

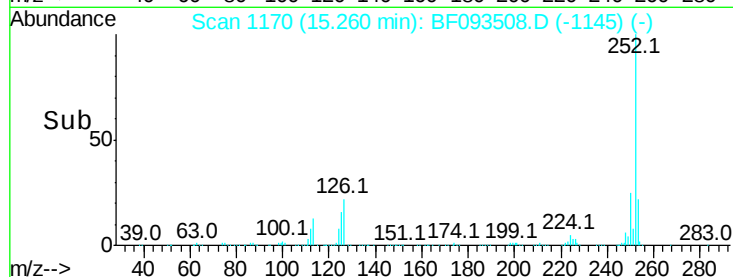
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	16.3	10.0	15.0

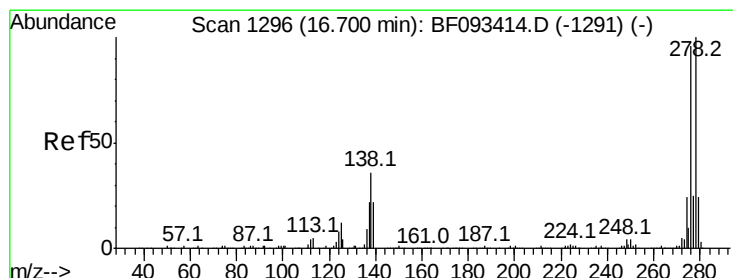


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

15.26

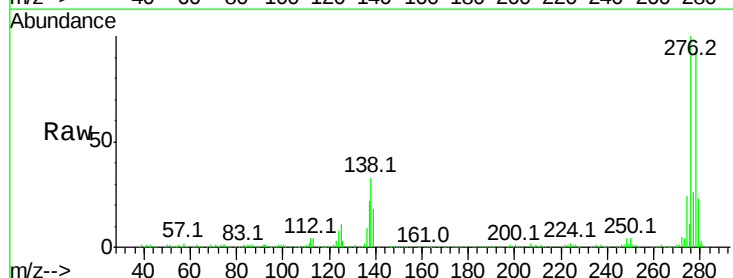


Time-->



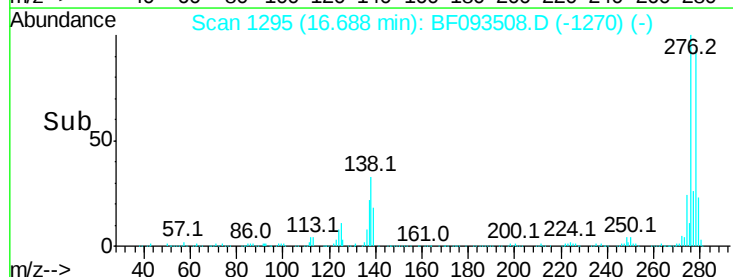
#90
Dibenzo(a,h)anthracene
Concen: 43.70 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.8	22.2
279	24.4	19.8	29.6

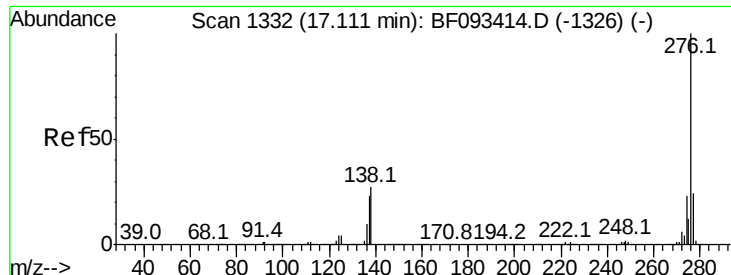


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

16.69



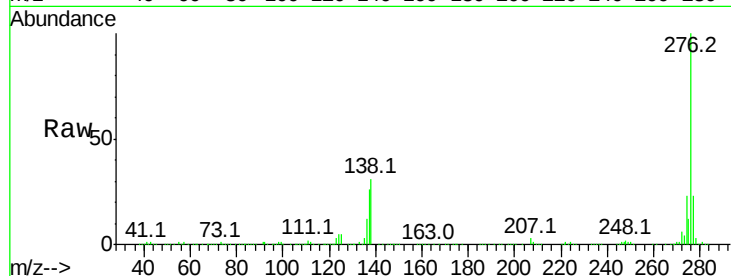
Time-->



#91
 Benzo(a,h,i)perylene
 Concen: 42.52 ng
 RT: 17.09 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.2	28.8
138	31.2	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

