

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093550.D
 Acq On : 11 Mar 2017 4:27
 Operator : SJ/MA
 Sample : PB97501BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 05:00:15 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	6.74	152	173127	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	704044	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	337101	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	614847	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	493789	20.00	ng	-0.01
86) Perylene-d12	15.31	264	397241	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	996053	95.75	ng	0.00
7) Phenol-d6	6.41	99	1178797	89.86	ng	0.00
23) Nitrobenzene-d5	7.32	82	1017635	80.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	205195	93.43	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1599365	88.25	ng	-0.03
78) Terphenyl-d14	12.85	244	1521516	80.11	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	212322	37.06	ng	# 85
3) Pyridine	2.98	79	515542	35.29	ng	87
4) n-Nitrosodimethylamine	2.96	42	310536	44.51	ng	86
6) Aniline	6.41	93	170781	9.49	ng	# 72
8) 2-Chlorophenol	6.54	128	466675	40.04	ng	97
9) Benzaldehyde	6.31	77	55058	4.71	ng	95
10) Phenol	6.42	94	651083	40.51	ng	# 75
11) bis(2-Chloroethyl)ether	6.48	93	491214	37.81	ng	93
12) 1,3-Dichlorobenzene	6.92	146	441884	33.12	ng	98
13) 1,4-Dichlorobenzene	6.76	146	541960	39.68	ng	97
14) 1,2-Dichlorobenzene	6.92	146	455485	37.66	ng	95
15) Benzyl Alcohol	6.90	79	368698	39.43	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	829116	38.42	ng	# 44
17) 2-Methylphenol	7.03	107	394147	39.98	ng	# 89
18) Hexachloroethane	7.25	117	184982	40.16	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	374874	41.57	ng	95
20) 3+4-Methylphenols	7.19	107	554283	43.35	ng	# 69
22) Acetophenone	7.17	105	685077	40.44	ng	# 91
24) Nitrobenzene	7.34	77	577141	40.47	ng	94
25) Isophorone	7.58	82	980960	38.34	ng	100
26) 2-Nitrophenol	7.66	139	257909	39.64	ng	90
27) 2,4-Dimethylphenol	7.70	122	433987	41.00	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	608931	37.70	ng	98
29) 2,4-Dichlorophenol	7.91	162	419727	42.15	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	399590	37.73	ng	# 96
31) Naphthalene	8.05	128	1290431	36.58	ng	99
32) Benzoic acid	7.86	122	189103	34.38	ng	96
33) 4-Chloroaniline	8.13	127	40253	2.81	ng	94
34) Hexachlorobutadiene	8.16	225	214898	39.40	ng	99
35) Caprolactam	8.49	113	92713	27.26	ng	# 52
36) 4-Chloro-3-methylphenol	8.62	107	453023	42.62	ng	99
37) 2-Methylnaphthalene	8.74	142	898107	40.01	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	371399	40.35	ng	99
40) Hexachlorocyclopentadiene	8.88	237	183055	78.99	ng	96

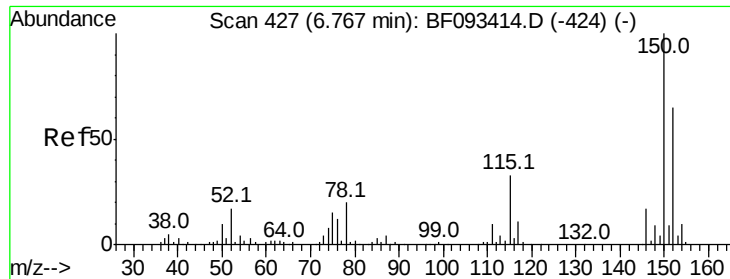
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	259068	45.05	ng	91
43) 2,4,5-Trichlorophenol	9.09	196	249043	40.36	ng	92
45) 1,1'-Biphenyl	9.20	154	1035766	42.18	ng	97
46) 2-Chloronaphthalene	9.22	162	814142	43.31	ng	95
47) 2-Nitroaniline	9.34	65	285431	42.95	ng	# 85
48) Acenaphthylene	9.64	152	1270767	40.99	ng	99
49) Dimethylphthalate	9.51	163	989306	44.27	ng	99
50) 2,6-Dinitrotoluene	9.58	165	194021	39.57	ng	# 38
51) Acenaphthene	9.81	154	732864	39.98	ng	96
52) 3-Nitroaniline	9.77	138	19526	3.31	ng	# 86
53) 2,4-Dinitrophenol	9.89	184	73172	32.77	ng	# 72
54) Dibenzofuran	9.99	168	1131161	49.30	ng	94
55) 4-Nitrophenol	9.98	139	690671	241.36	ng	# 18
56) 2,4-Dinitrotoluene	9.99	165	261169	43.35	ng	# 62
57) Fluorene	10.33	166	861888	44.33	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	201580	46.29	ng	98
59) Diethylphthalate	10.21	149	974547	45.63	ng	98
60) 4-Chlorophenyl-phenylether	10.32	204	411836	47.26	ng	# 77
61) 4-Nitroaniline	10.38	138	172426	28.62	ng	91
62) Azobenzene	10.48	77	1213939	50.02	ng	94
64) 4,6-Dinitro-2-methylphenol	10.41	198	111584	28.01	ng	87
65) n-Nitrosodiphenylamine	10.45	169	706788	34.43	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	228165	35.09	ng	# 89
67) Hexachlorobenzene	10.88	284	235637	37.95	ng	# 89
68) Atrazine	10.97	200	169156	28.15	ng	98
69) Pentachlorophenol	11.09	266	96107	44.84	ng	99
70) Phenanthrene	11.29	178	1317616	37.54	ng	98
71) Anthracene	11.34	178	1329214	37.44	ng	99
72) Carbazole	11.51	167	1086477	32.58	ng	97
73) Di-n-butylphthalate	11.82	149	1492151	38.67	ng	98
74) Fluoranthene	12.47	202	1305196	38.50	ng	95
77) Pyrene	12.70	202	1311421	36.52	ng	100
79) Butylbenzylphthalate	13.32	149	652787	43.18	ng	96
80) Benzo(a)anthracene	13.90	228	1153832	39.57	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	36098	3.53	ng	# 91
82) Chrysene	13.93	228	1130879	41.92	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	963227	45.71	ng	# 97
84) Di-n-octyl phthalate	14.48	149	1518479	43.24	ng	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	879006	38.92	ng	# 93
87) Benzo(b)fluoranthene	14.92	252	1949846	80.59	ng	99
88) Benzo(k)fluoranthene	14.92	252	1951040	83.62	ng	98
89) Benzo(a)pyrene	15.26	252	930969	42.10	ng	96
90) Dibenzo(a,h)anthracene	16.67	278	759794	41.54	ng	# 95
91) Benzo(g,h,i)perylene	17.08	276	754051	40.16	ng	# 93

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

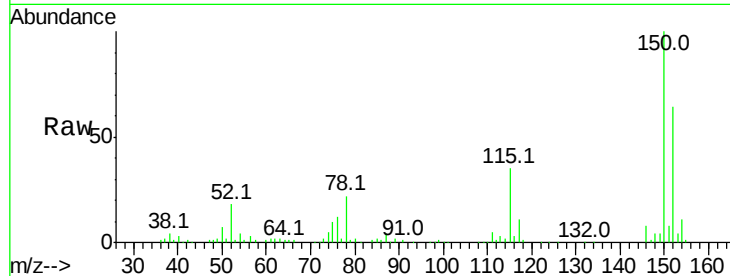


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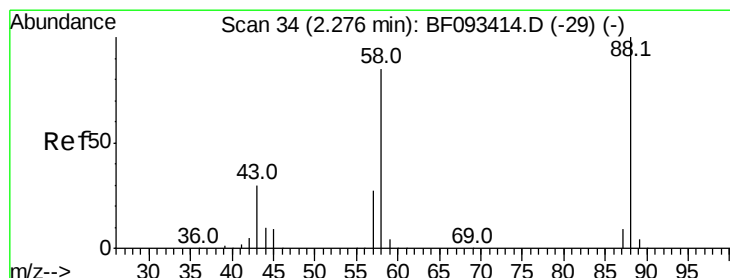
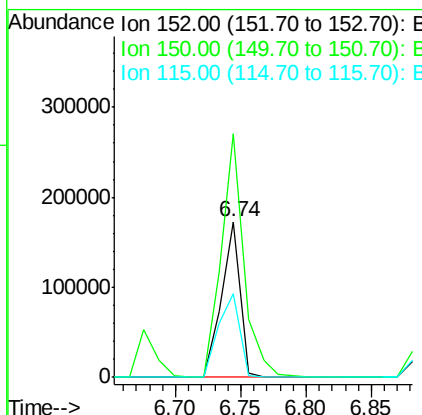
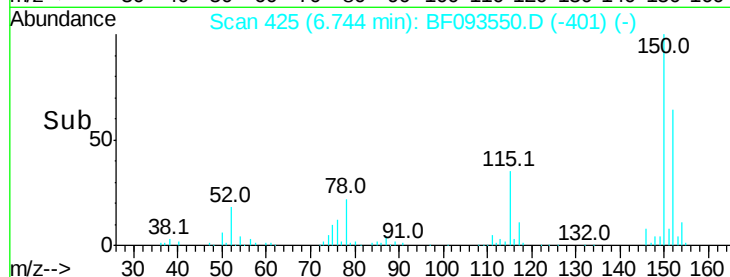
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.9	187.3
115	54.0	46.0	69.0



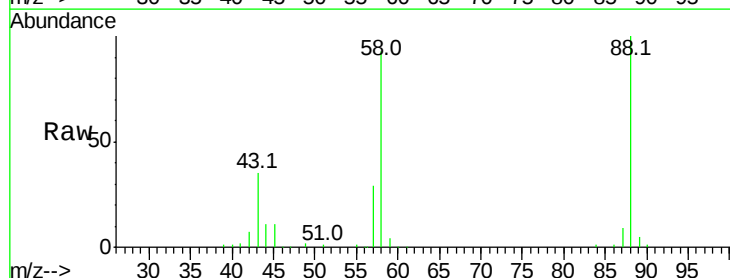
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



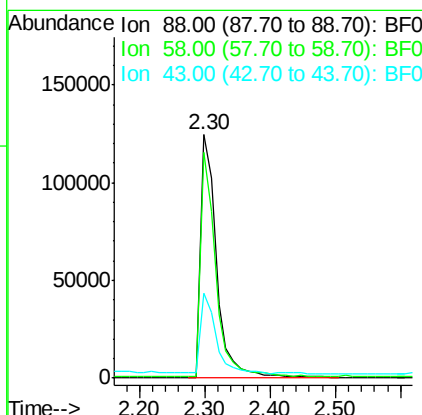
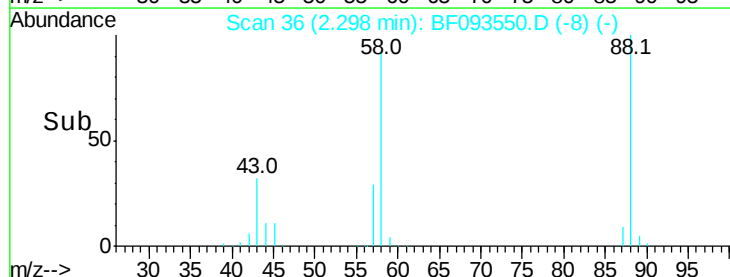
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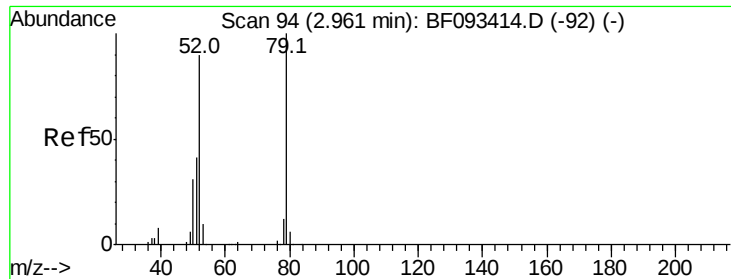
1,4-Dioxane
Concen: 37.06 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	57.8	86.8#
43	31.4	22.3	33.5



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





#3

Pvridine

Concen: 35.29 ng

RT: 2.98 min Scan# 96

Delta R.T. 0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

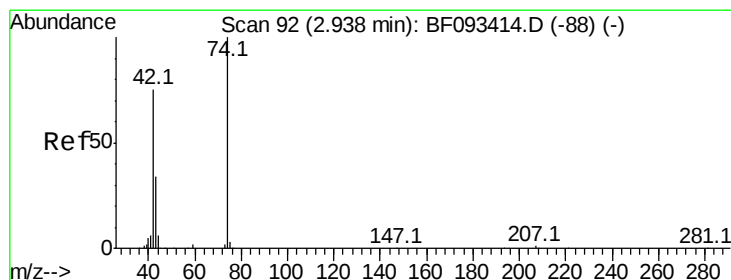
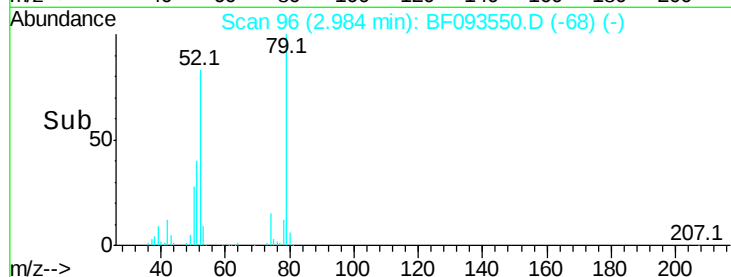
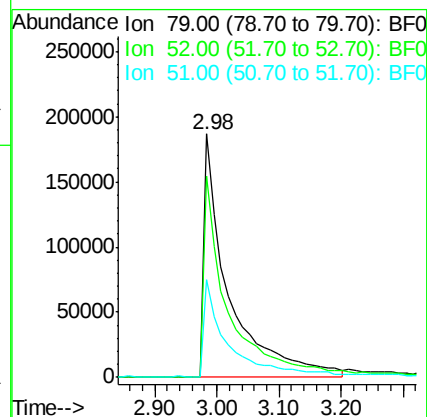
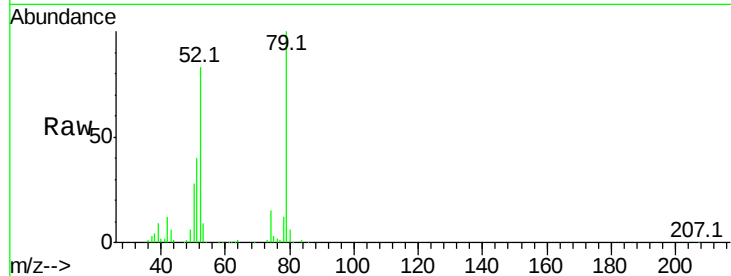
Tot Ion: 79 Resp: 515542

Ion Ratio Lower Upper

79 100

52 82.7 57.1 85.7

51 40.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 44.51 ng

RT: 2.96 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

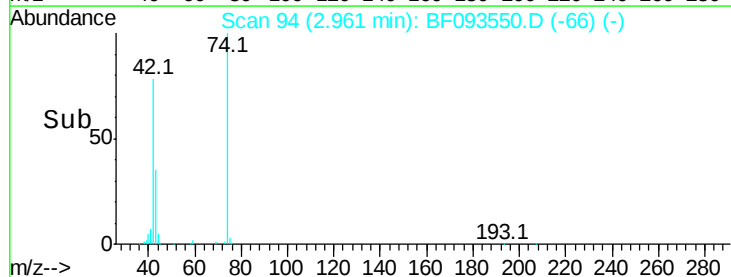
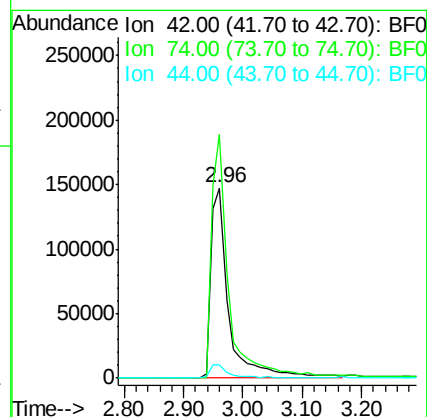
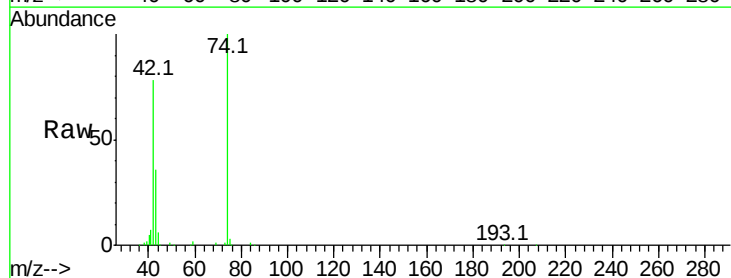
Tgt Ion: 42 Resp: 310536

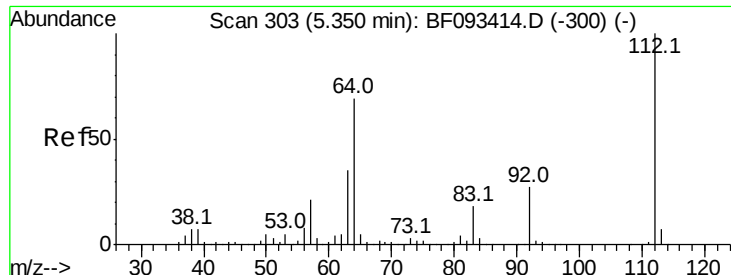
Ion Ratio Lower Upper

42 100

74 128.1 117.0 175.4

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 95.75 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

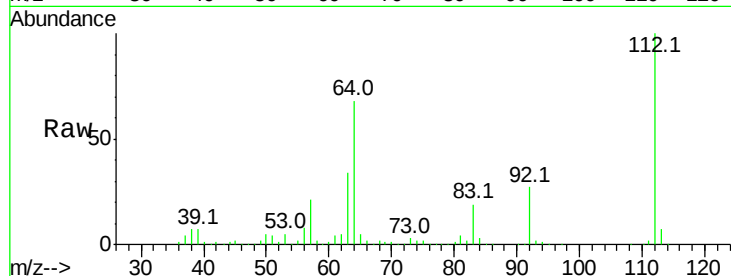
Tot Ion:112 Resp: 996053

Ion Ratio Lower Upper

112 100

64 68.3 46.1 69.1

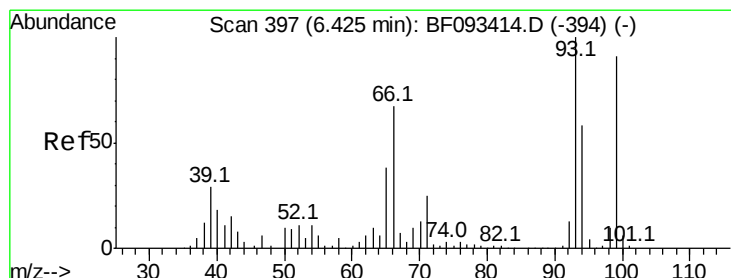
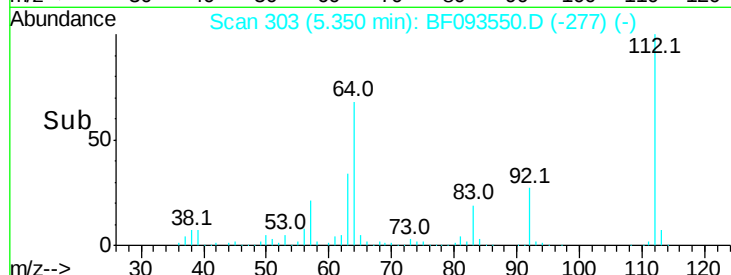
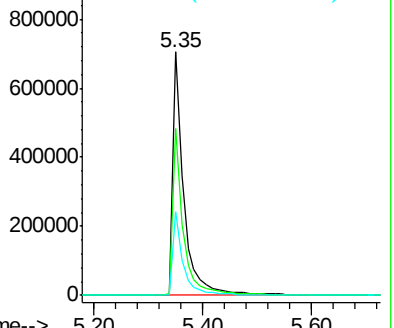
63 34.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.49 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

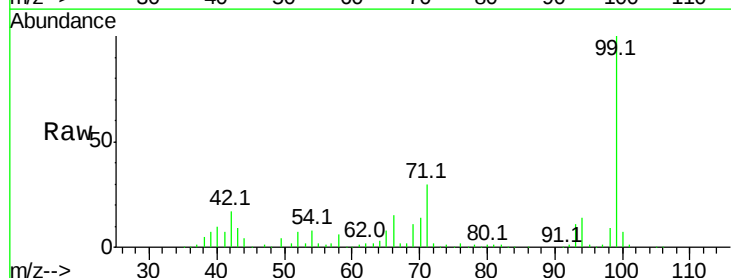
Tgt Ion: 93 Resp: 170781

Ion Ratio Lower Upper

93 100

66 133.3 76.2 114.2#

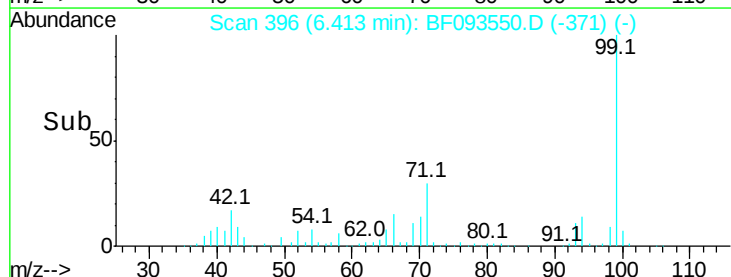
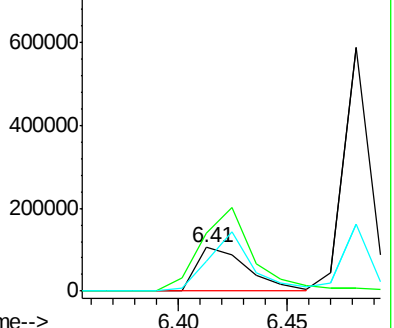
65 69.3 49.3 73.9

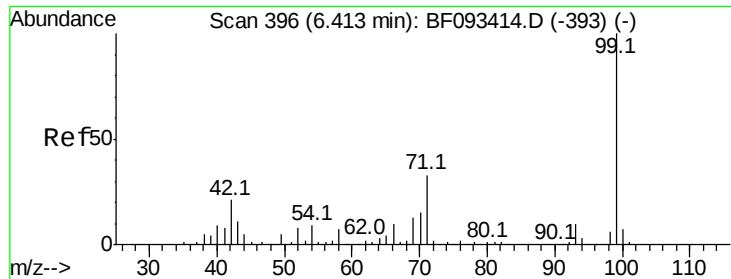


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.86 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

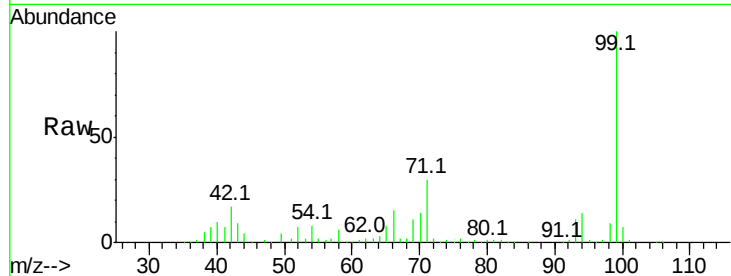
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1178797

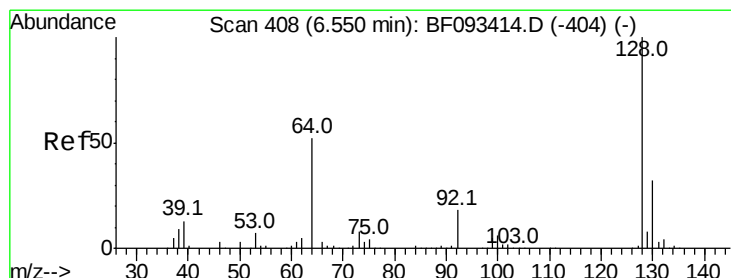
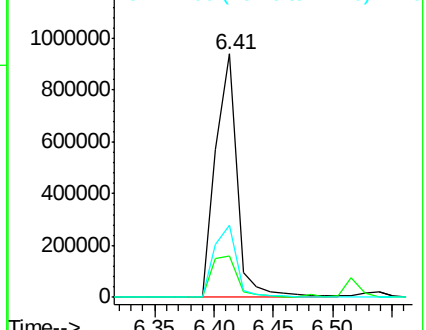
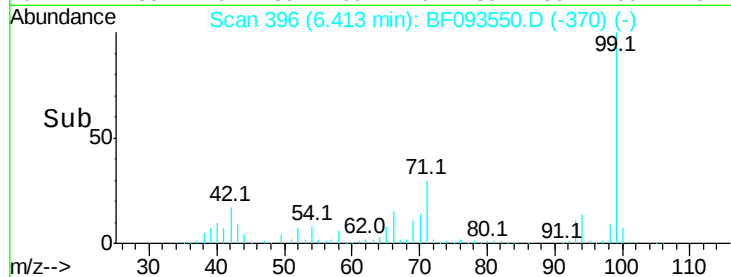
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.6	23.4
71	29.7	27.5	41.3



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: 40.04 ng

RT: 6.54 min Scan# 407

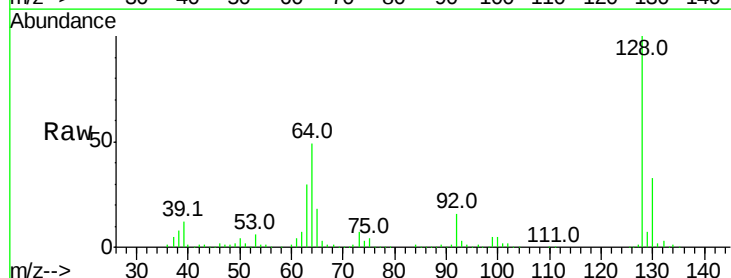
Delta R.T. -0.01 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Tgt Ion: 128 Resp: 466675

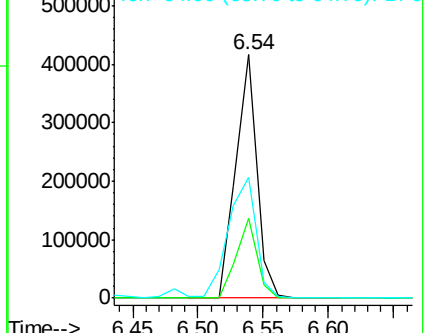
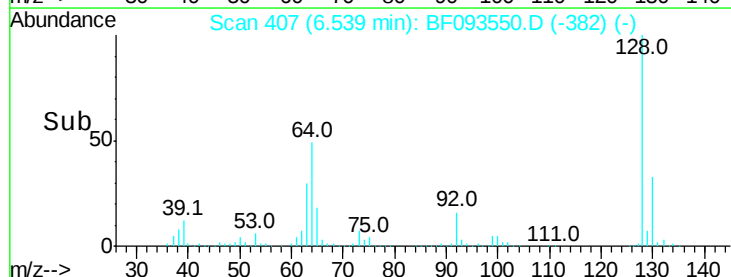
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	49.4	32.2	72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

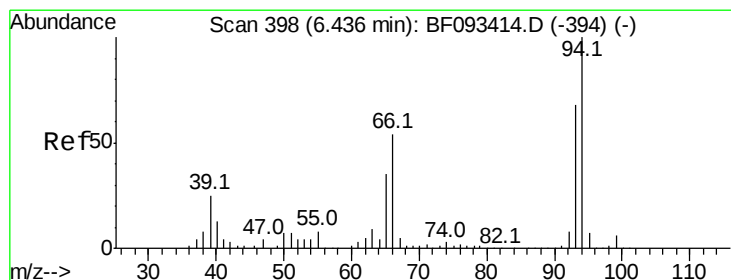
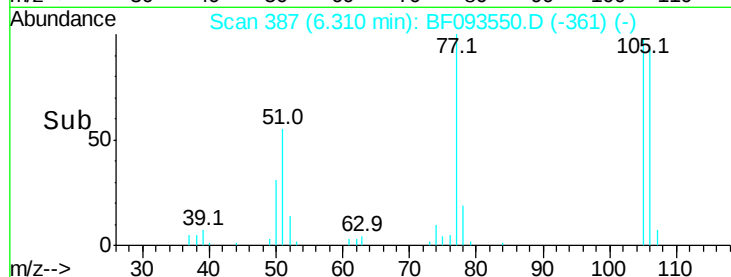
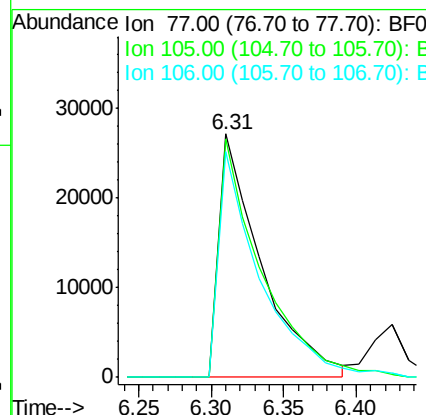
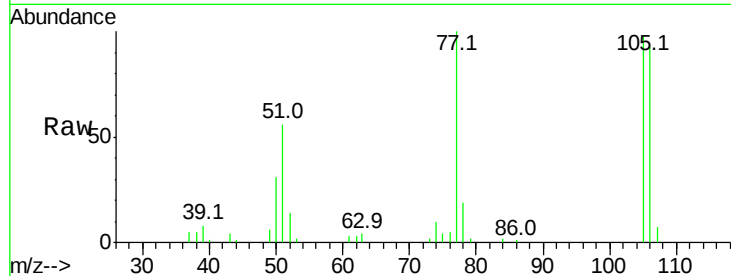




#9
Benzaldehyde
Concen: 4.71 ng
RT: 6.31 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

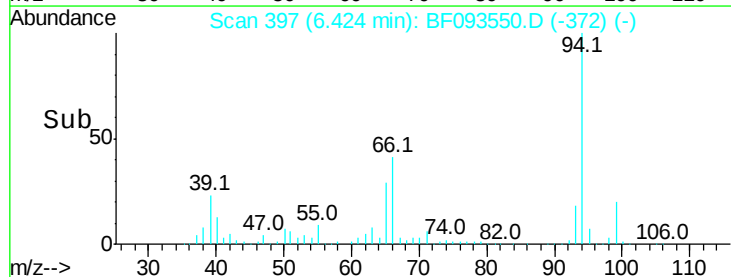
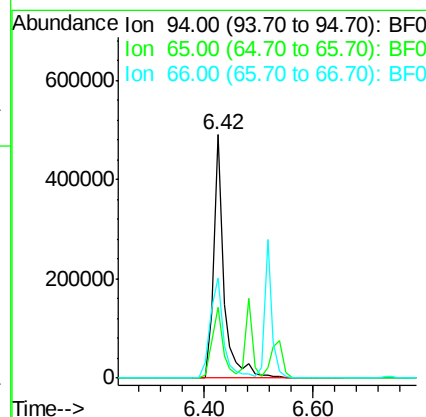
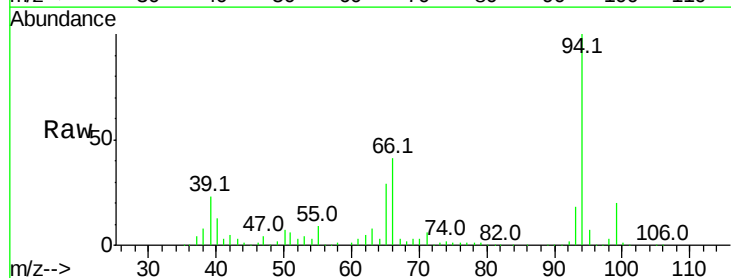
Instrument :
BNA_F
ClientSampleId :

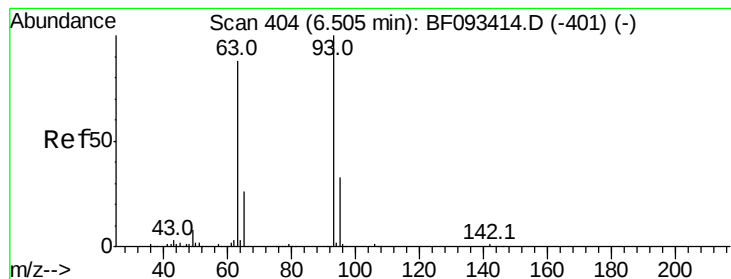
Tot Ion: 77 Resp: 55058
Ion Ratio Lower Upper
77 100
105 97.8 83.9 123.9
106 92.7 77.6 117.6



#10
Phenol
Concen: 40.51 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion: 94 Resp: 651083
Ion Ratio Lower Upper
94 100
65 29.3 21.4 61.4
66 41.1 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 37.81 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

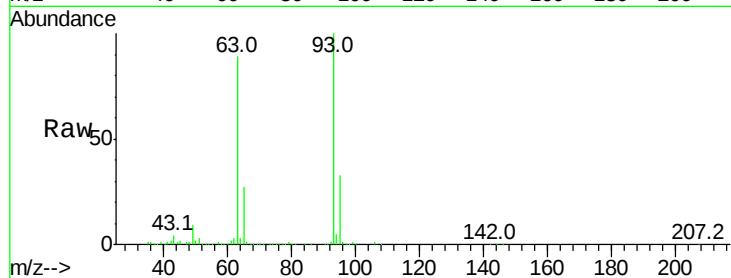
Tot Ion: 93 Resp: 491214

Ion Ratio Lower Upper

93 100

63 88.9 60.4 100.4

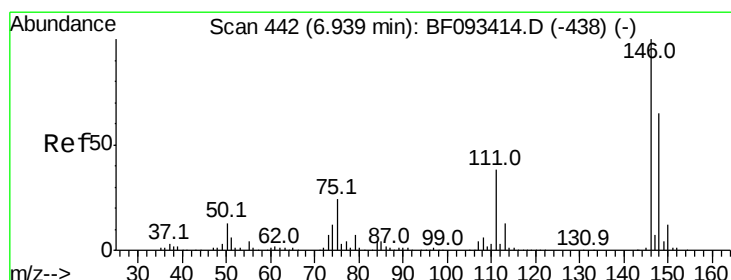
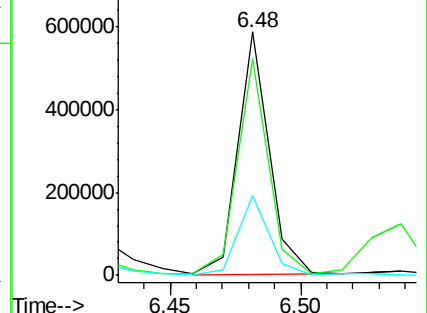
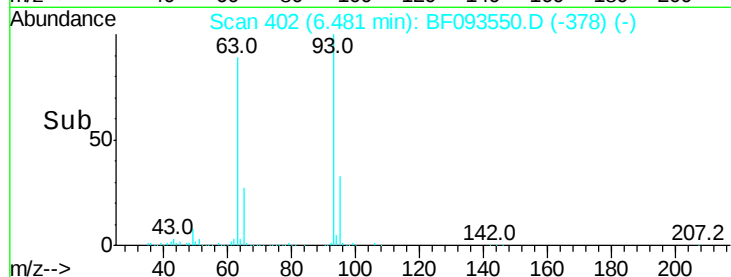
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 33.12 ng

RT: 6.92 min Scan# 440

Delta R.T. 0.22 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

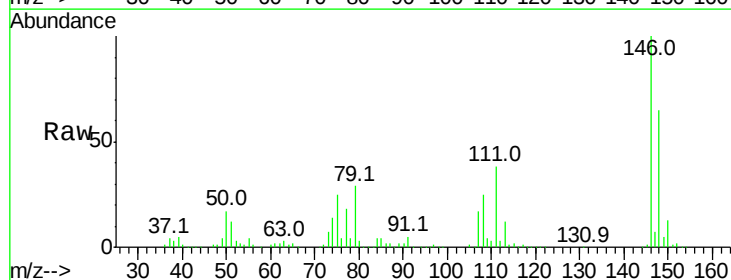
Tgt Ion: 146 Resp: 441884

Ion Ratio Lower Upper

146 100

148 64.9 53.4 80.0

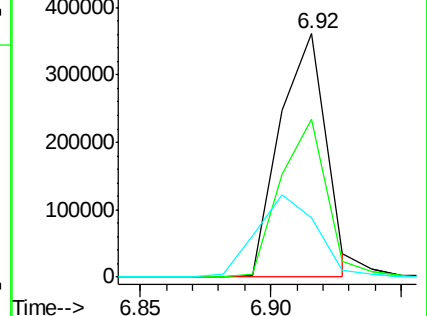
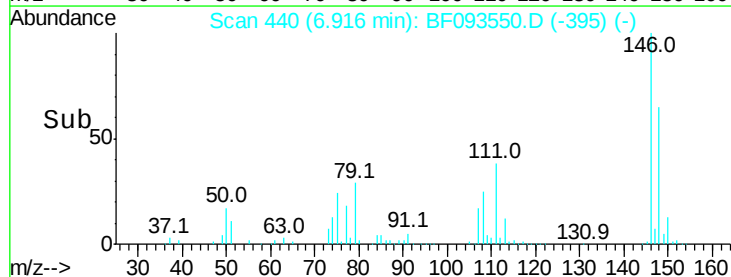
75 24.5 18.5 27.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

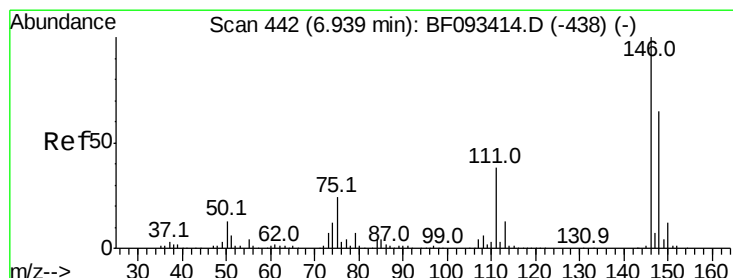
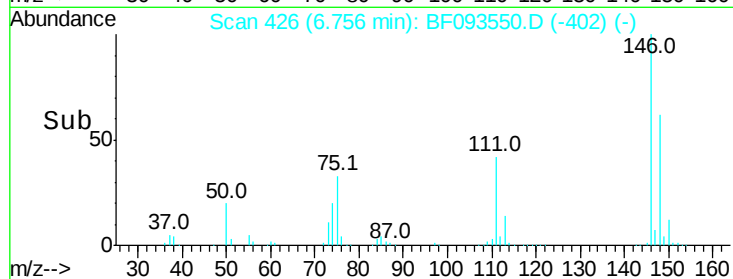
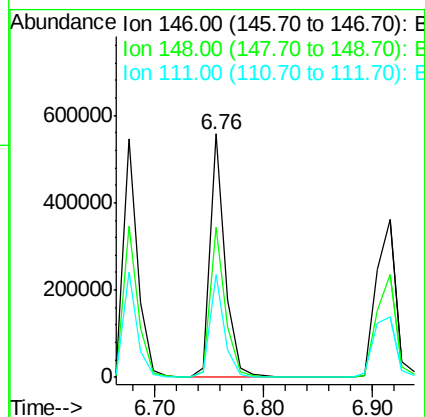
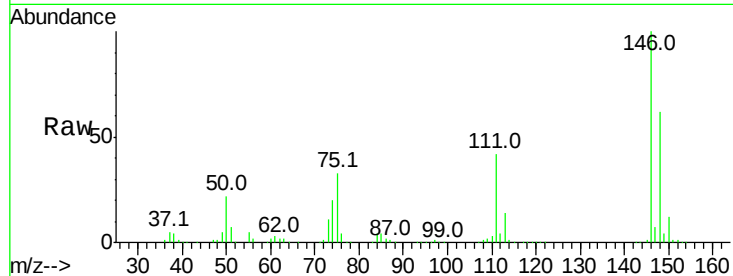




#13
 1,4-Dichlorobenzene
 Concen: 39.68 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

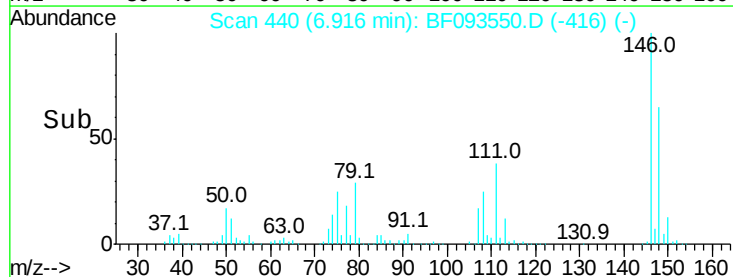
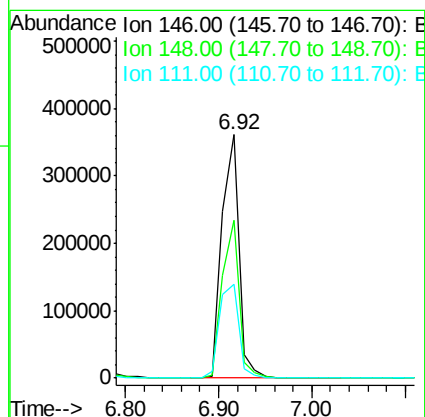
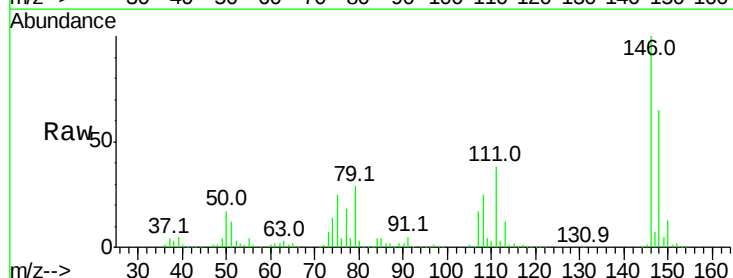
Instrument :
 BNA_F
 ClientSampleId :

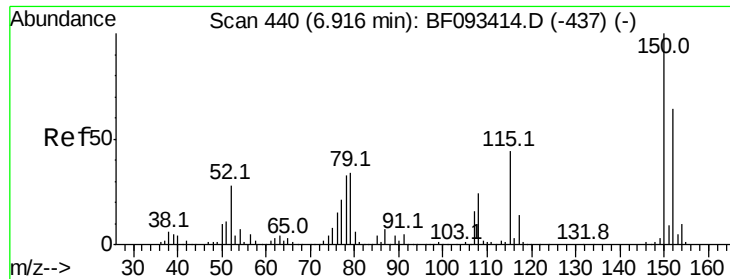
Tot Ion:146 Resp: 541960
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.6 76.0
 111 42.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 37.66 ng
 RT: 6.92 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion:146 Resp: 455485
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 38.3 36.2 54.2

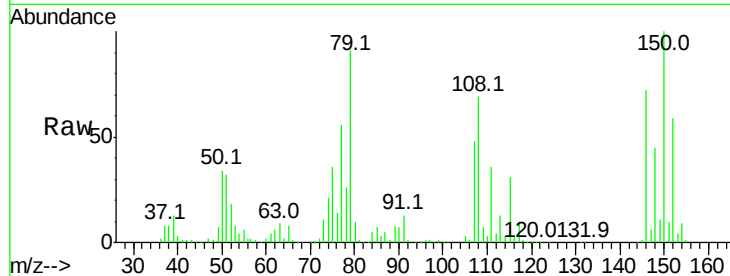




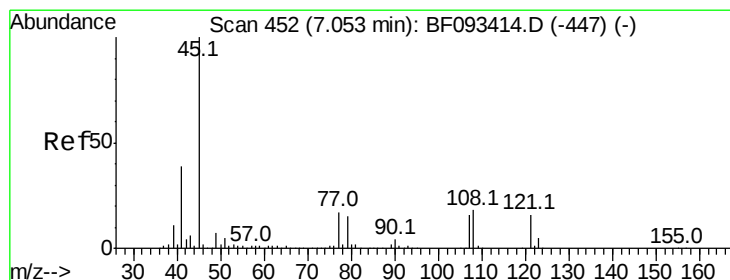
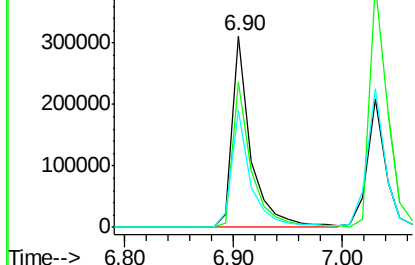
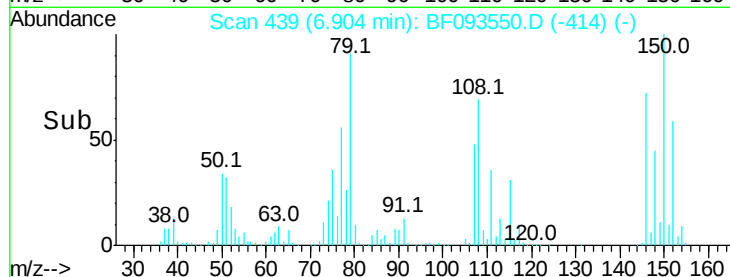
#15
Benzyl Alcohol
Concen: 39.43 ng
RT: 6.90 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 368698
Ion Ratio Lower Upper
79 100
108 76.1 61.4 92.0
77 61.3 50.9 76.3

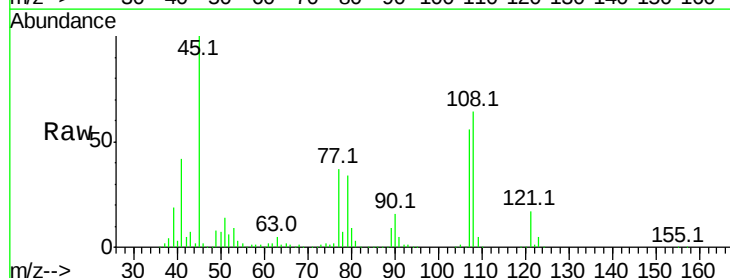


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

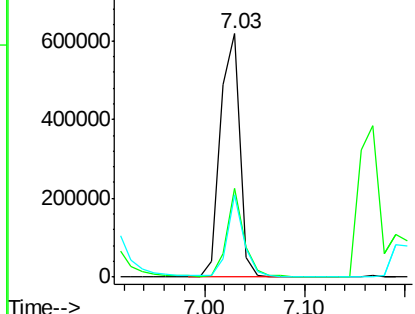
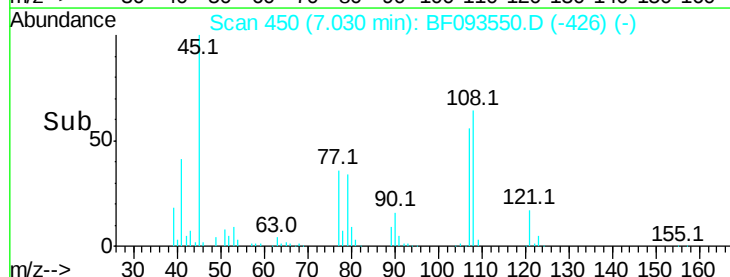


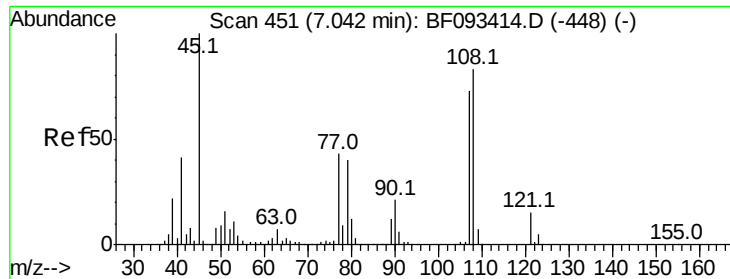
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.42 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion: 45 Resp: 829116
Ion Ratio Lower Upper
45 100
77 36.6 0.0 34.6#
79 33.9 0.0 31.2#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

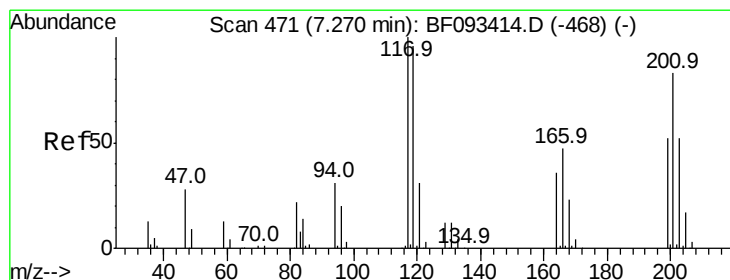
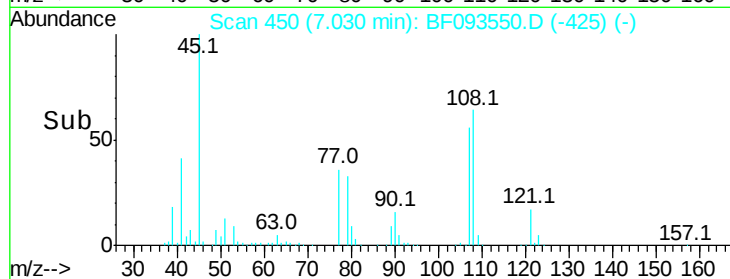
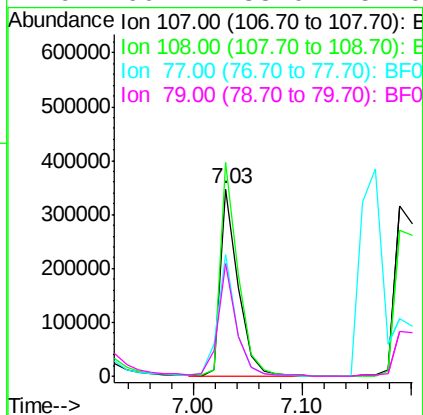
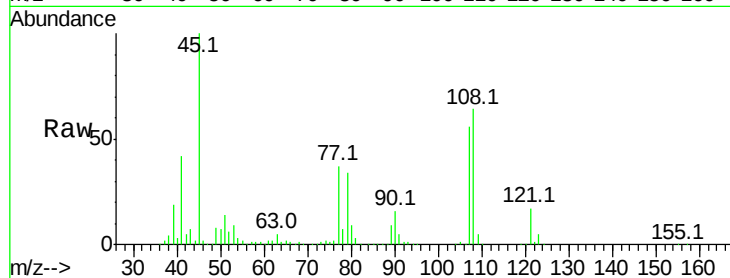




#17
2-Methylphenol
Concen: 39.98 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

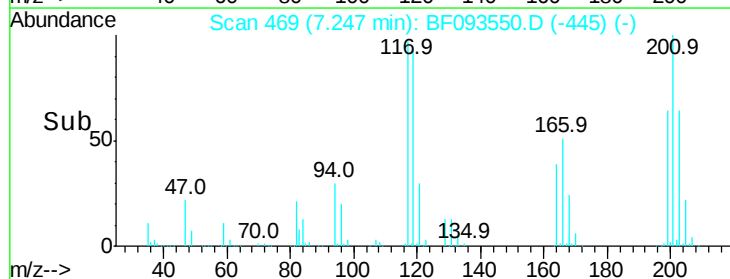
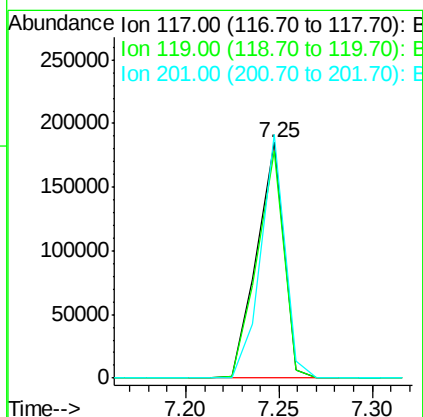
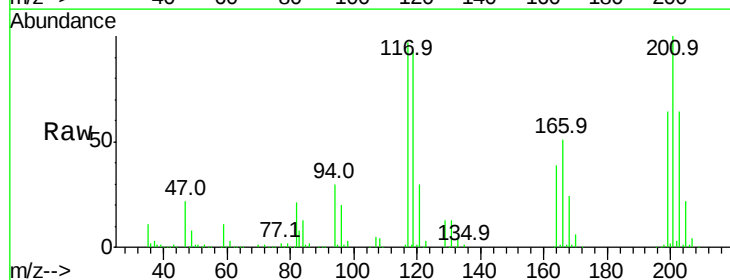
Instrument :
BNA_F
ClientSampled :

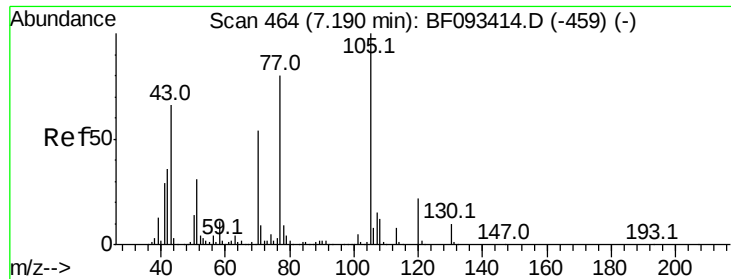
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	93.0	139.6
77	65.2	39.8	59.8
79	60.4	38.0	57.0



#18
Hexachloroethane
Concen: 40.16 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.1	117.1
201	103.4	78.6	117.8

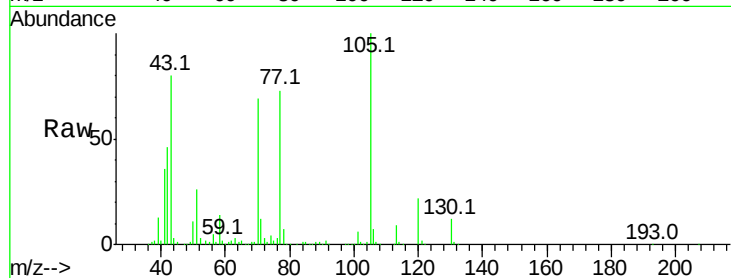




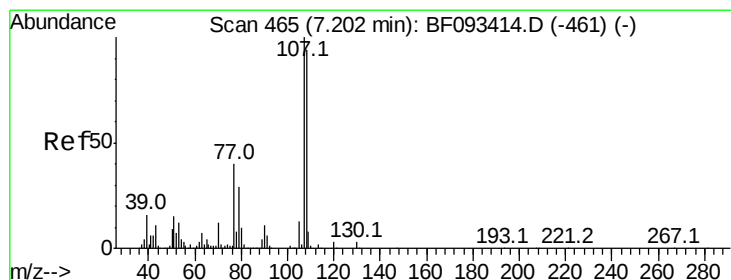
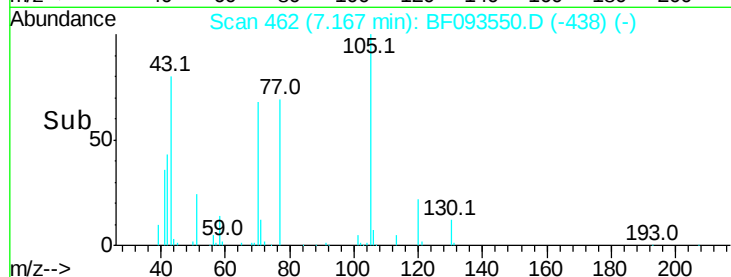
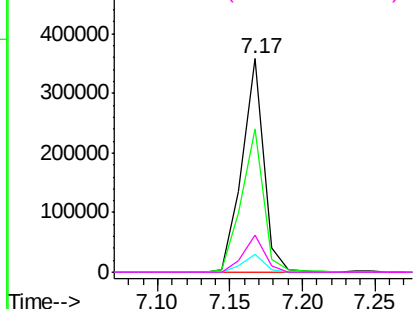
#19
n-Nitroso-di-n-propylamine
Concen: 41.57 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 374874
Ion Ratio Lower Upper
70 100
42 66.9 49.4 74.0
101 8.7 7.4 11.2
130 17.7 14.2 21.4

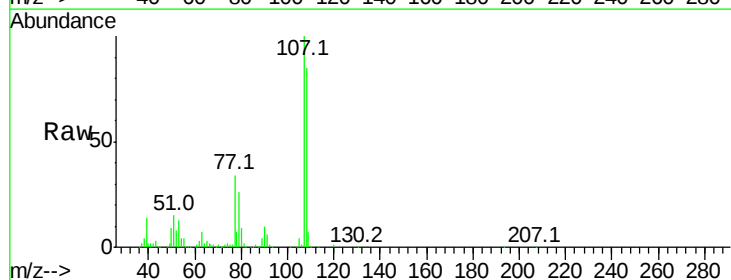


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

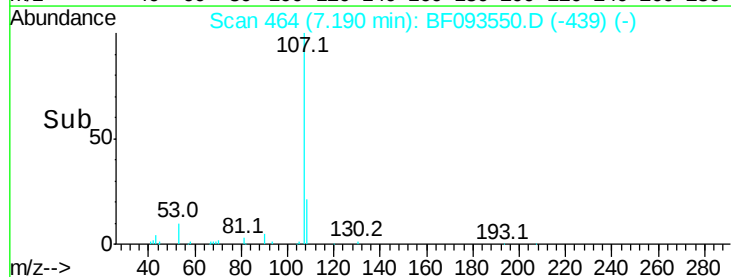
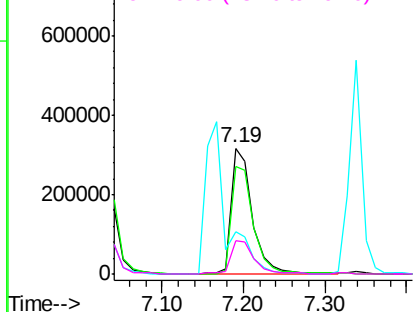


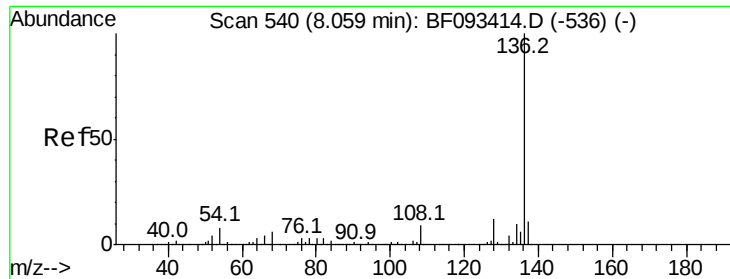
#20
3+4-Methylphenols
Concen: 43.35 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion:107 Resp: 554283
Ion Ratio Lower Upper
107 100
108 85.1 73.0 113.0
77 33.8 71.3 111.3#
79 26.0 11.1 51.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

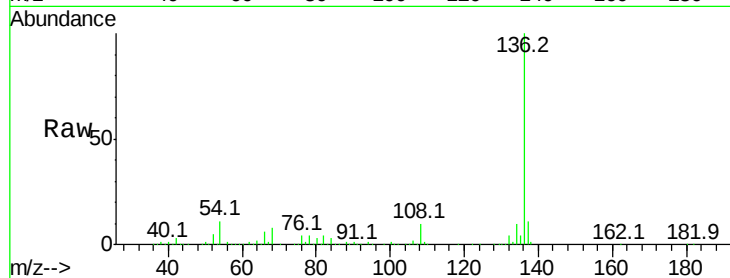




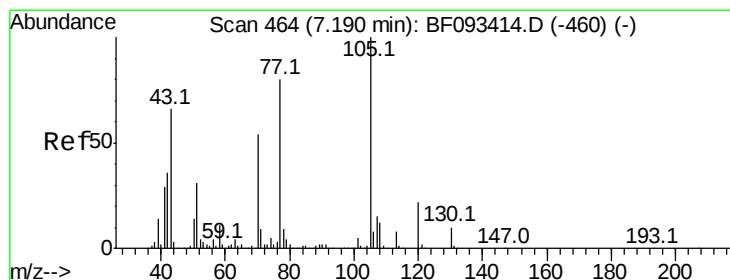
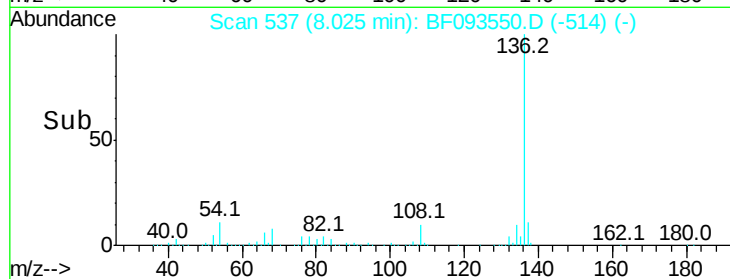
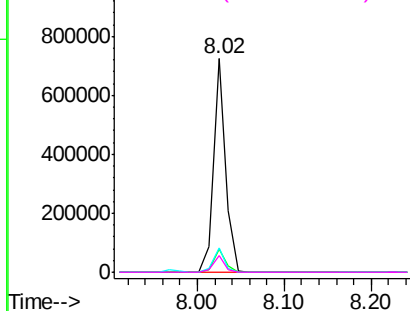
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	704044
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.4	12.6
54 11.2	4.5	6.7#
68 7.8	3.6	5.4#



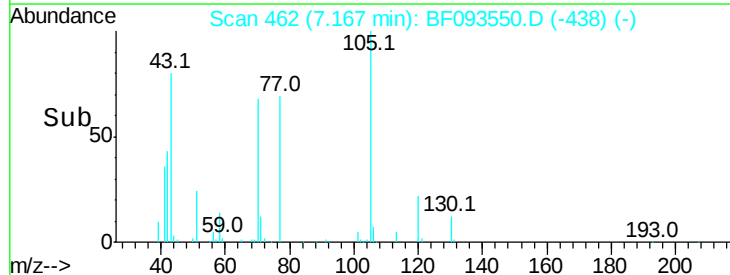
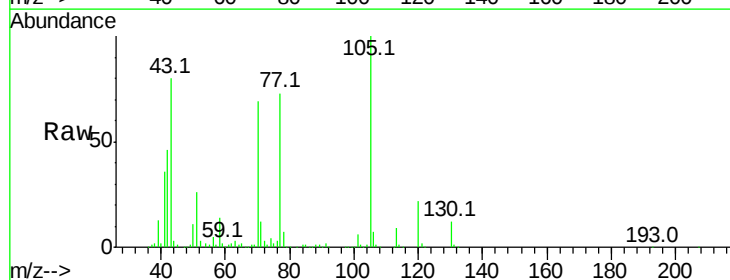
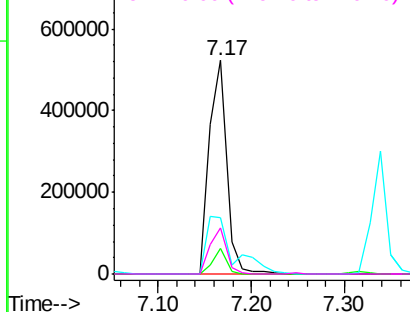
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

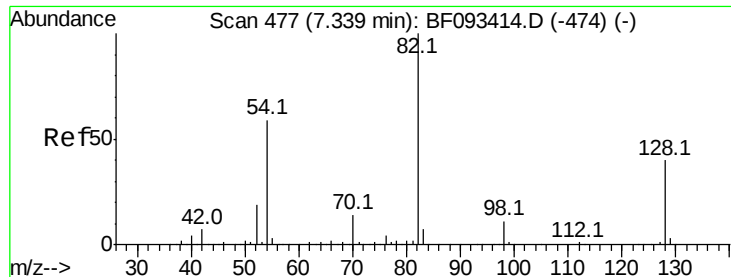


#22
Acetophenone
Concen: 40.44 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion:105	Resp:	685077
Ion Ratio	Lower	Upper
105 100		
71 12.0	3.2	4.8#
51 26.4	26.2	39.4
120 21.7	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

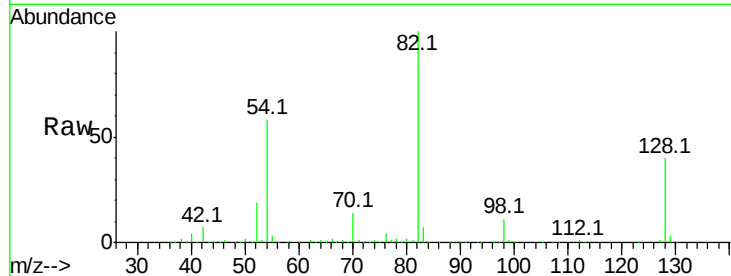




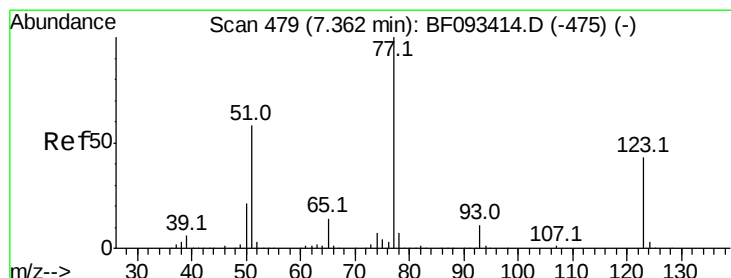
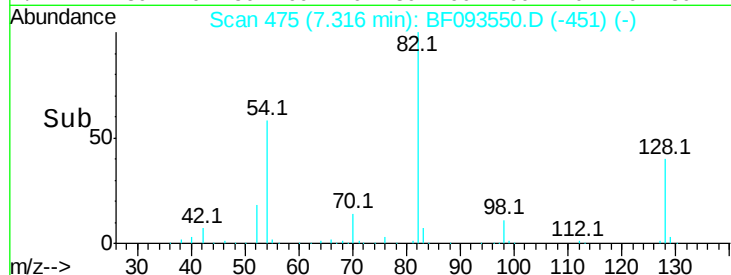
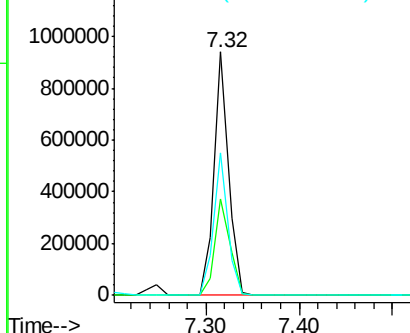
#23
Nitrobenzene-d5
Concen: 80.20 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1017635
Ion Ratio Lower Upper
82 100
128 39.8 34.6 52.0
54 58.5 39.5 59.3

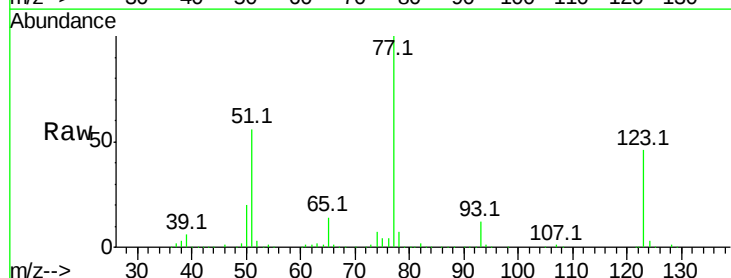


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

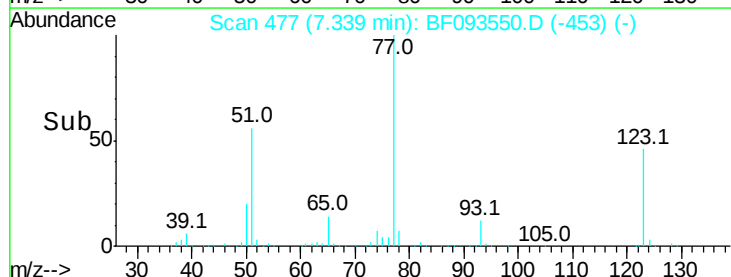
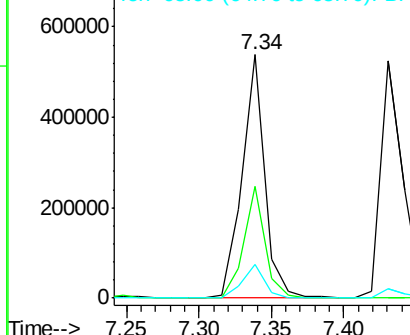


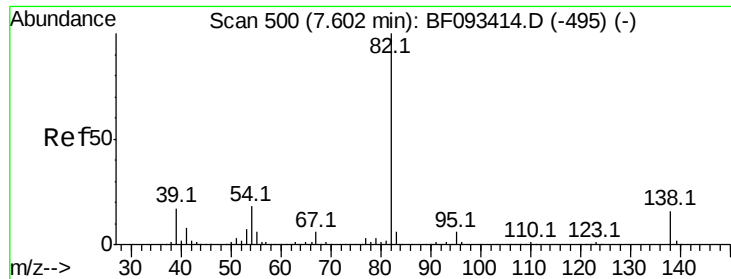
#24
Nitrobenzene
Concen: 40.47 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion: 77 Resp: 577141
Ion Ratio Lower Upper
77 100
123 45.7 33.0 49.4
65 13.7 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: 38.34 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

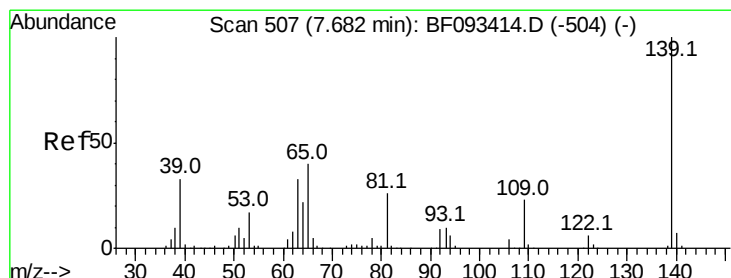
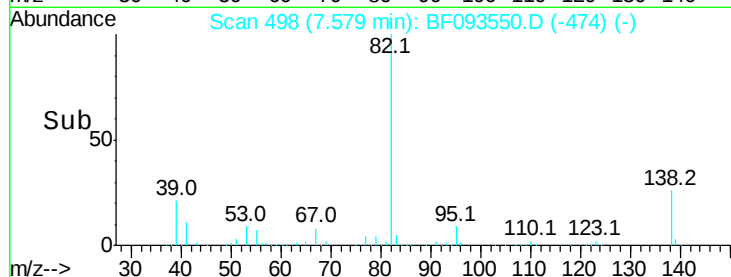
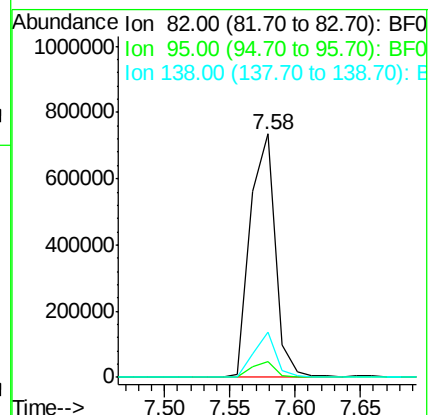
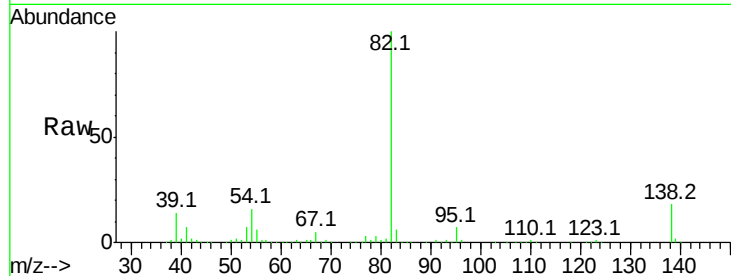
Tot Ion: 82 Resp: 980960

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 18.4 14.6 22.0



#26

2-Nitrophenol

Concen: 39.64 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

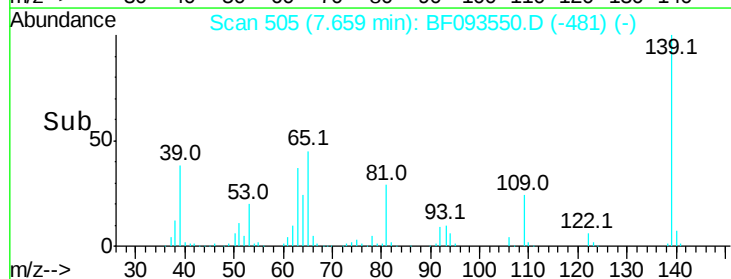
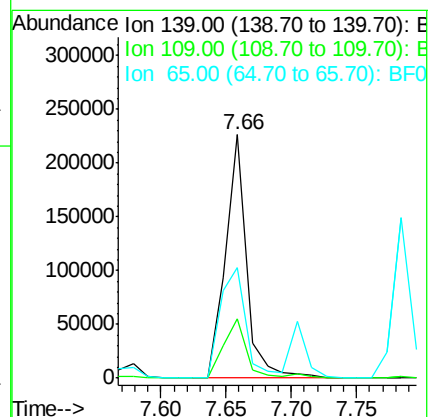
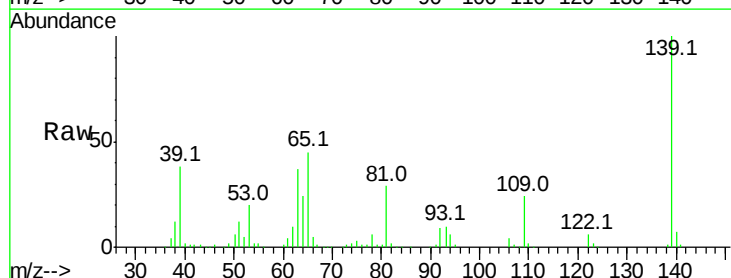
Tgt Ion: 139 Resp: 257909

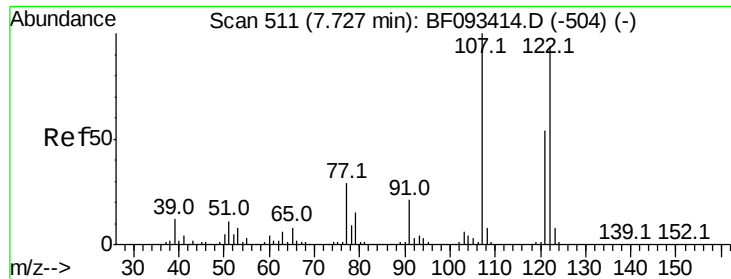
Ion Ratio Lower Upper

139 100

109 24.4 23.3 34.9

65 45.4 42.7 64.1

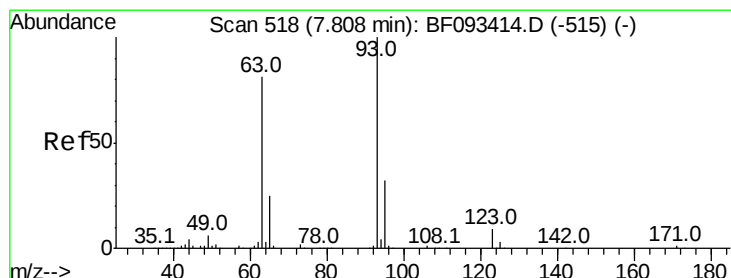
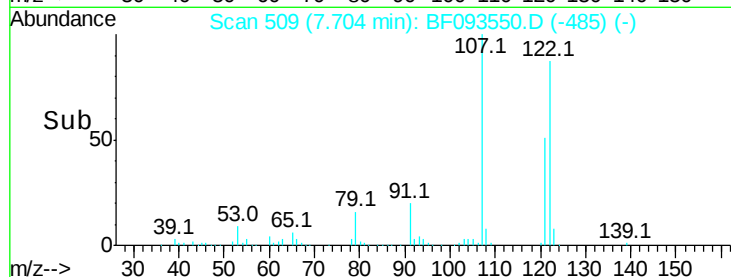
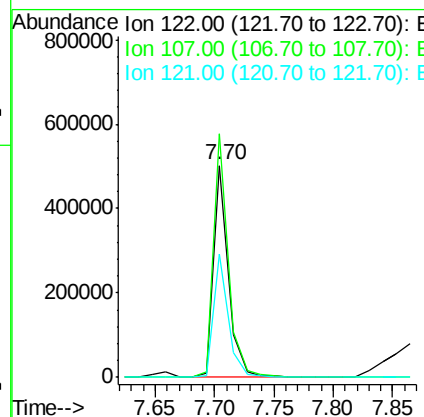
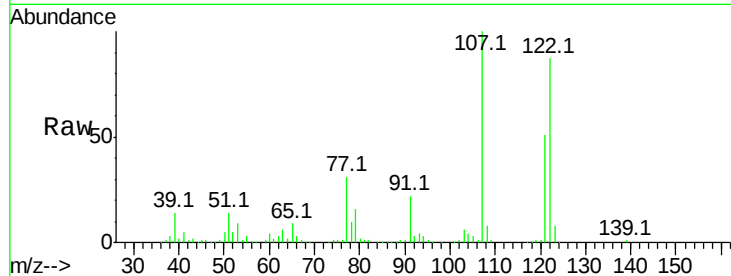




#27
 2,4-Dimethylphenol
 Concen: 41.00 ng
 RT: 7.70 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

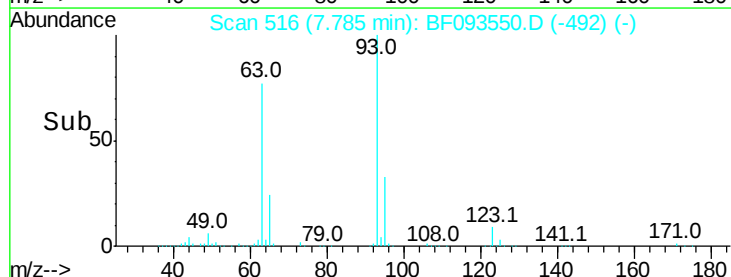
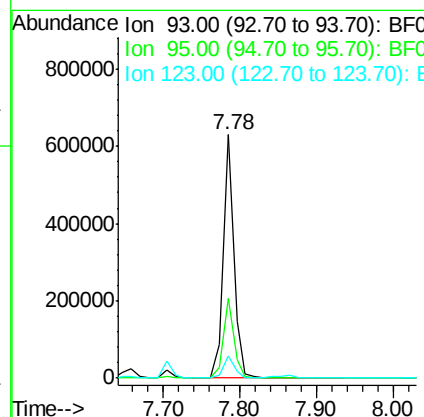
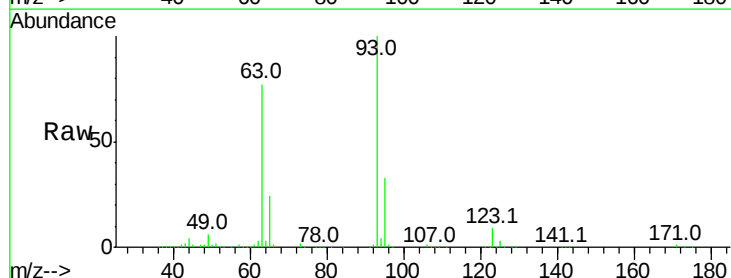
Instrument :
 BNA_F
 ClientSampleId :

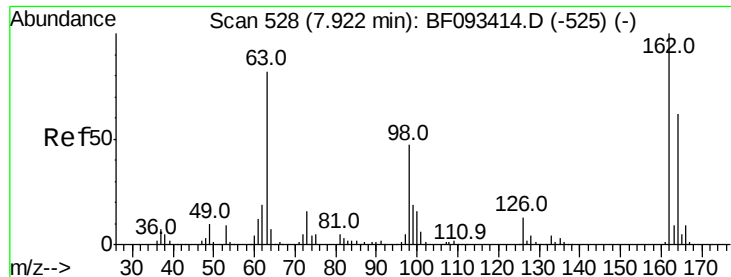
Tot Ion:122 Resp: 433987
 Ion Ratio Lower Upper
 122 100
 107 115.0 94.1 141.1
 121 58.1 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.70 ng
 RT: 7.78 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion: 93 Resp: 608931
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 9.3 8.6 13.0

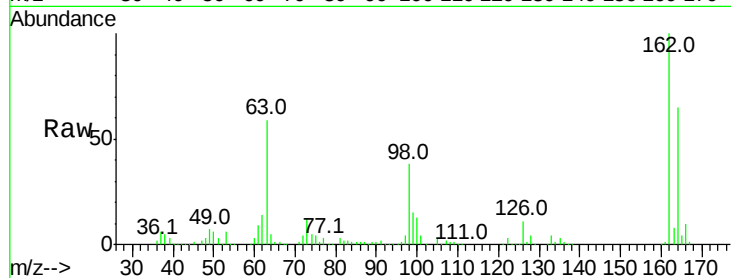




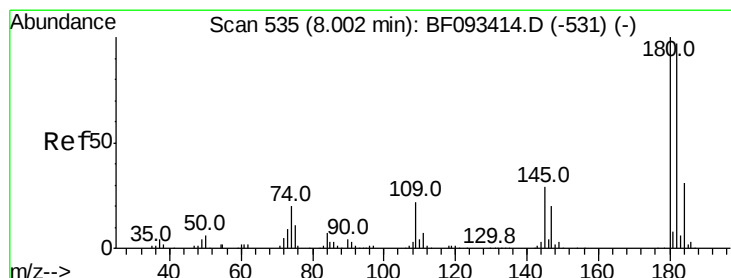
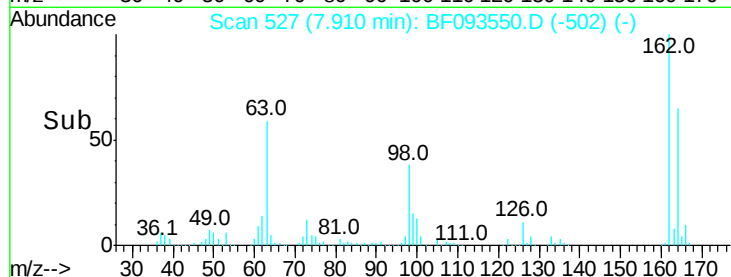
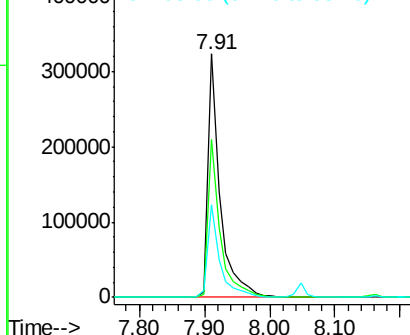
#29
2,4-Dichlorophenol
Concen: 42.15 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 419727
Ion Ratio Lower Upper
162 100
164 64.6 46.8 86.8
98 38.2 9.1 49.1

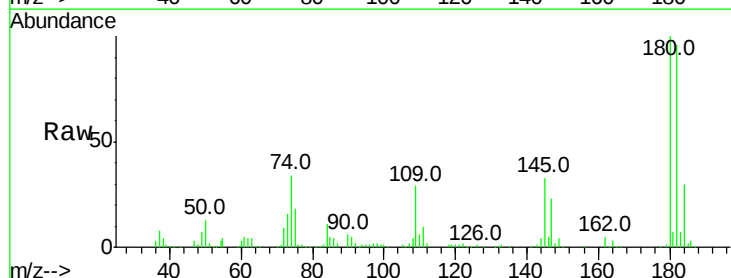


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

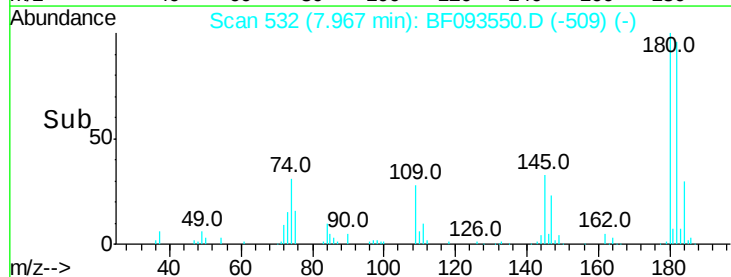
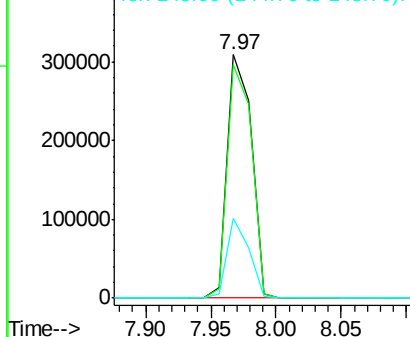


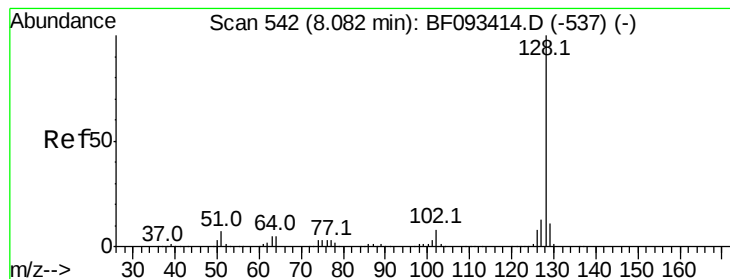
#30
1,2,4-Trichlorobenzene
Concen: 37.73 ng
RT: 7.97 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion:180 Resp: 399590
Ion Ratio Lower Upper
180 100
182 96.1 78.2 117.4
145 32.7 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: 36.58 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

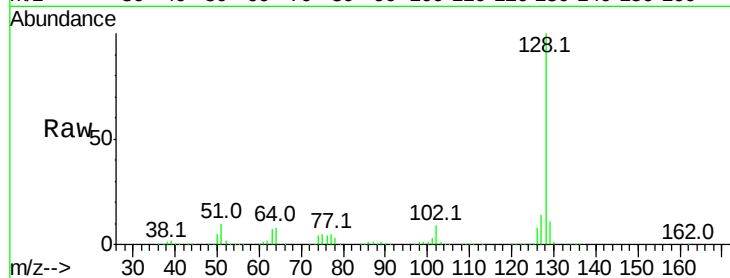
Tot Ion:128 Resp: 1290431

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

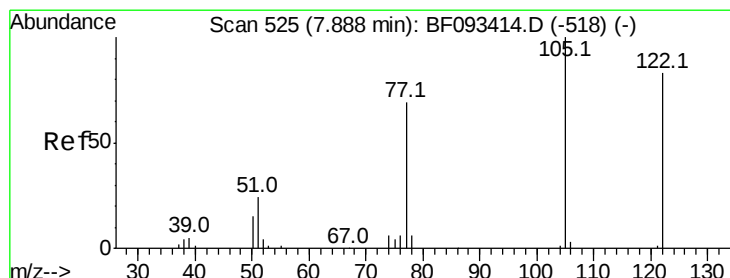
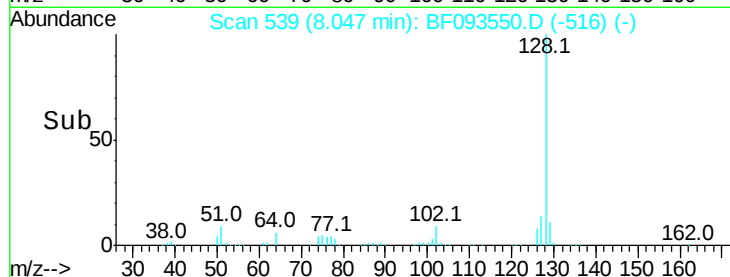
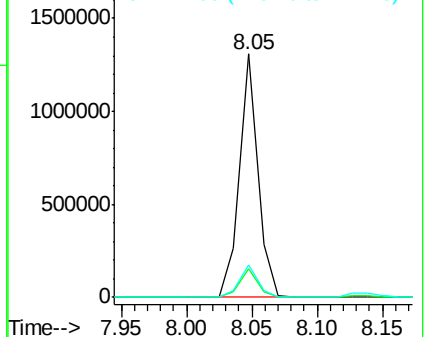
127 13.5 10.8 16.2



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: 34.38 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

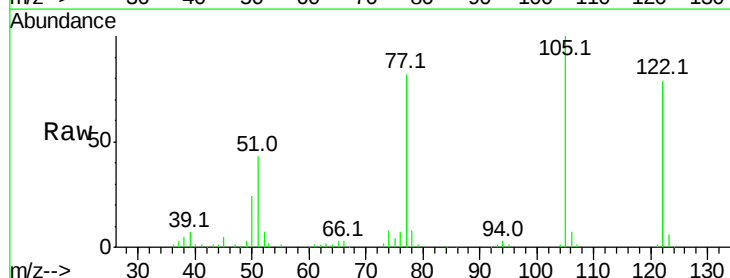
Tgt Ion:122 Resp: 189103

Ion Ratio Lower Upper

122 100

105 127.1 107.2 147.2

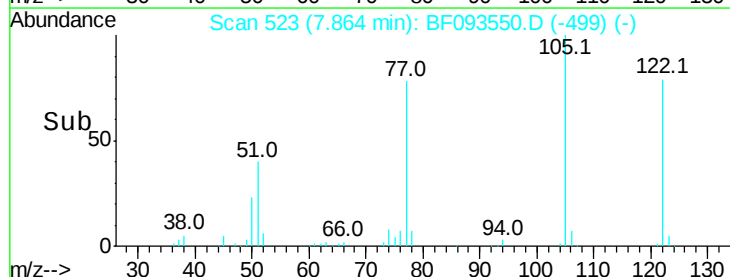
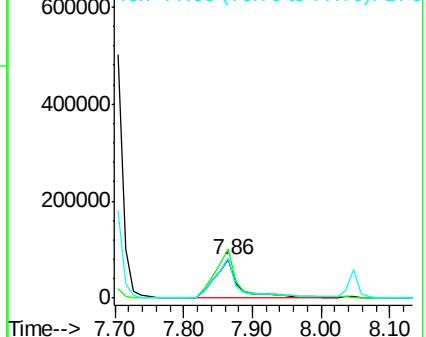
77 104.0 74.5 114.5

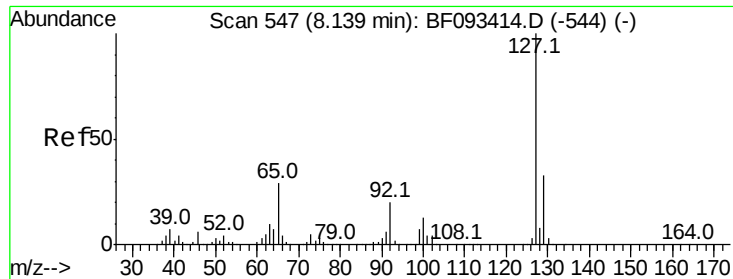


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

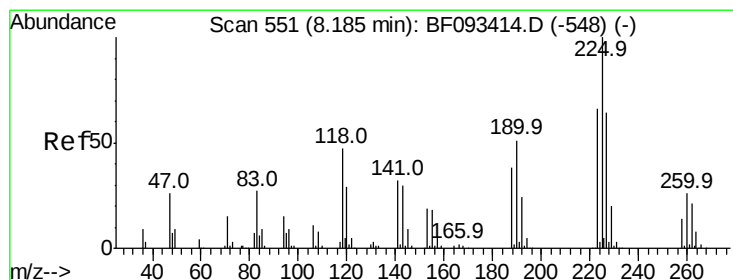
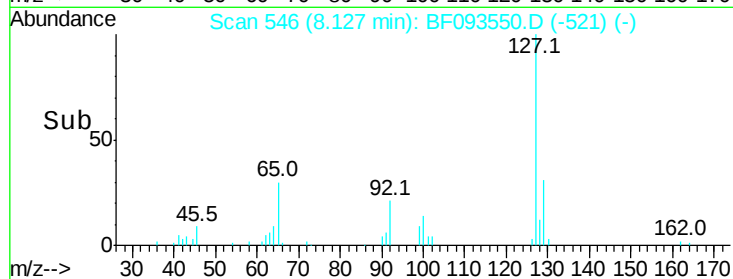
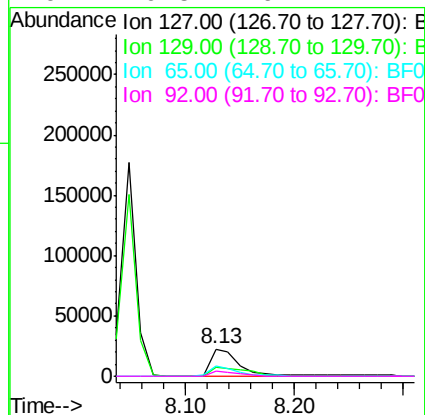
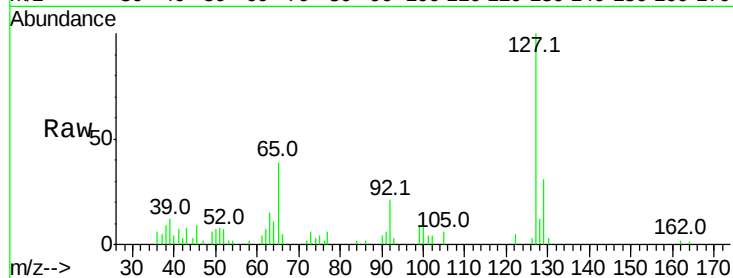




#33
4-Chloroaniline
Concen: 2.81 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

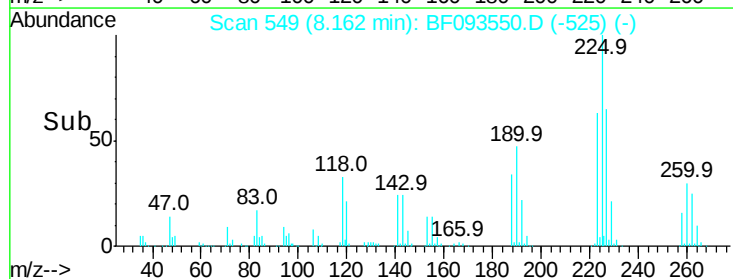
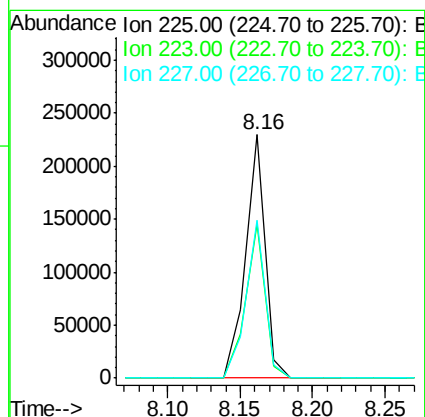
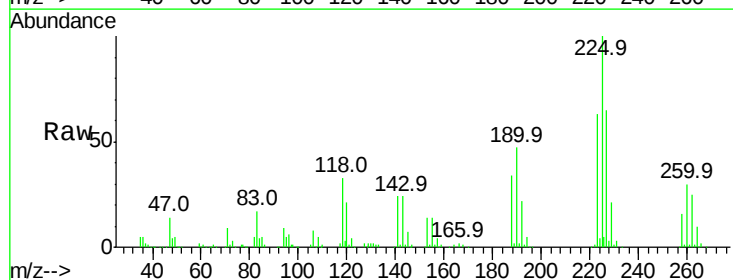
Instrument :
BNA_F
ClientSampleId :

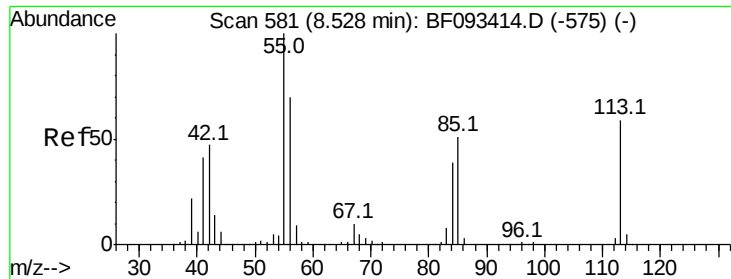
Tot Ion:	127	Resp:	40253
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	38.6	25.8	38.8
92	20.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.40 ng
RT: 8.16 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion:	225	Resp:	214898
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	65.0	50.6	76.0

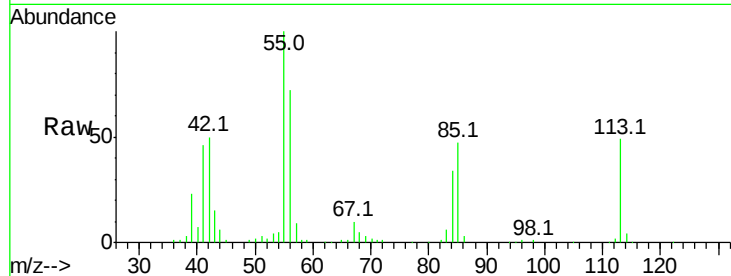




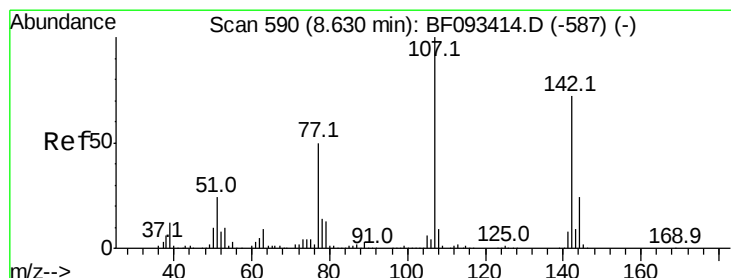
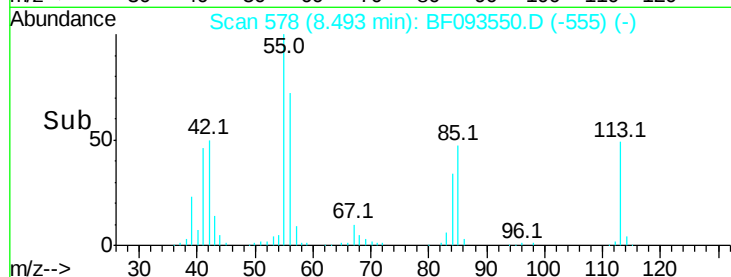
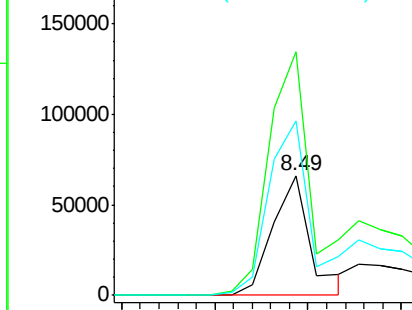
#35
 Caprolactam
 Concen: 27.26 ng
 RT: 8.49 min Scan# 578
 Delta R.T. -0.03 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 92713
 Ion Ratio Lower Upper
 113 100
 55 203.4 119.2 159.2#
 56 146.2 83.8 123.8#

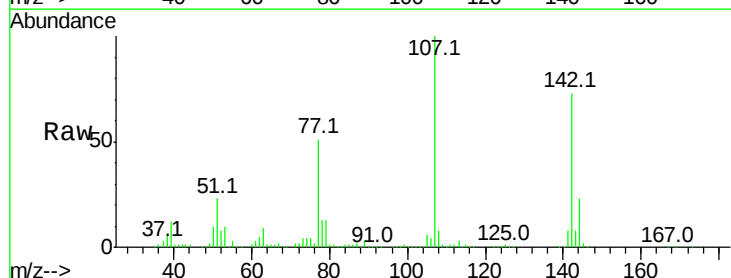


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

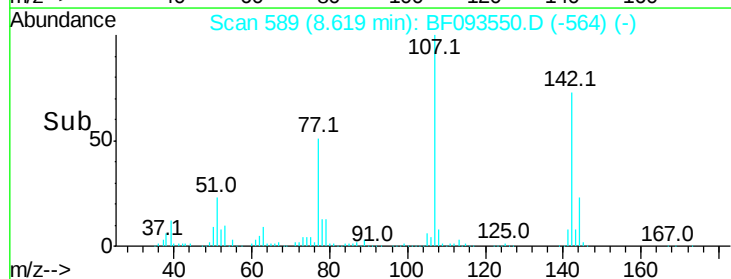
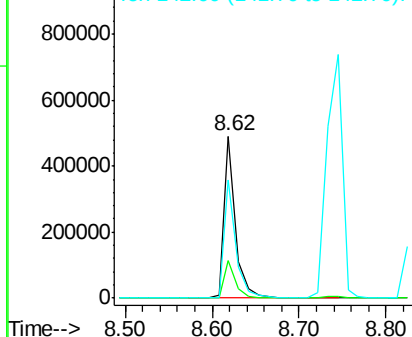


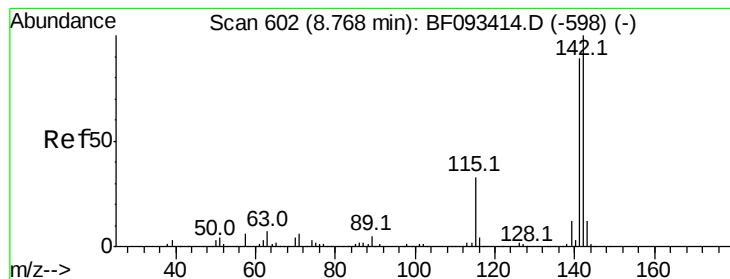
#36
 4-Chloro-3-methylphenol
 Concen: 42.62 ng
 RT: 8.62 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion:107 Resp: 453023
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.3 28.9
 142 72.7 59.0 88.6



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

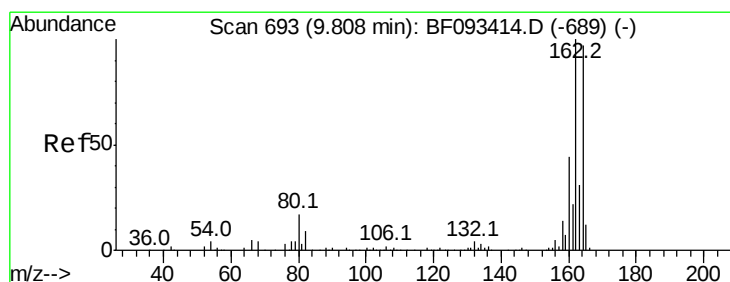
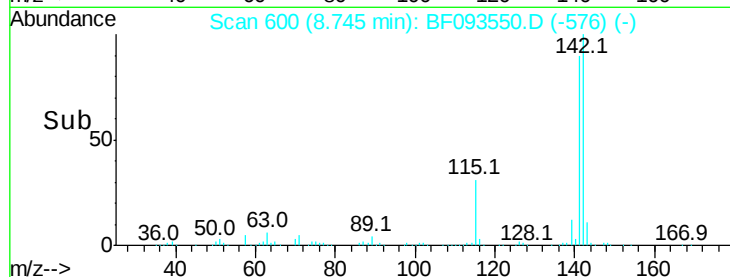
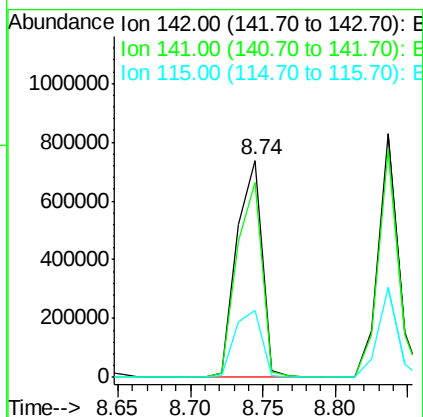
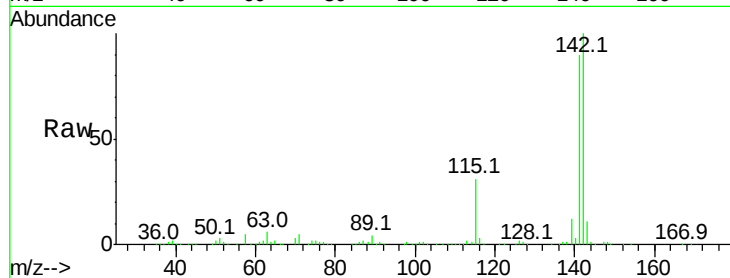




#37
 2-Methylnaphthalene
 Concen: 40.01 ng
 RT: 8.74 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

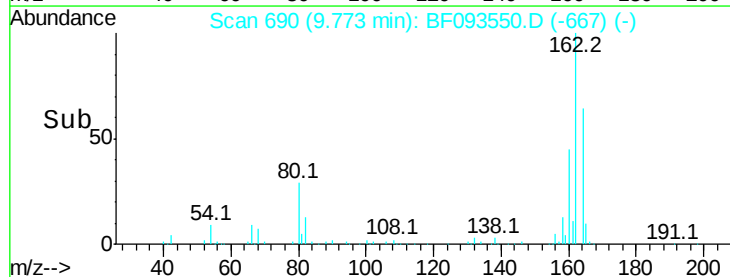
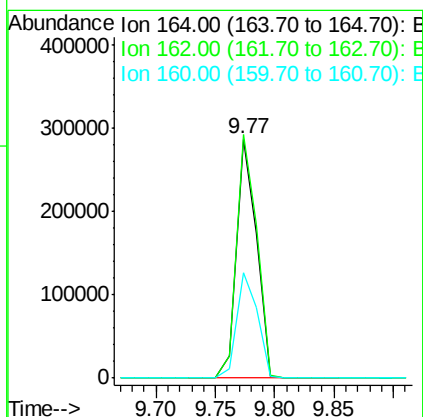
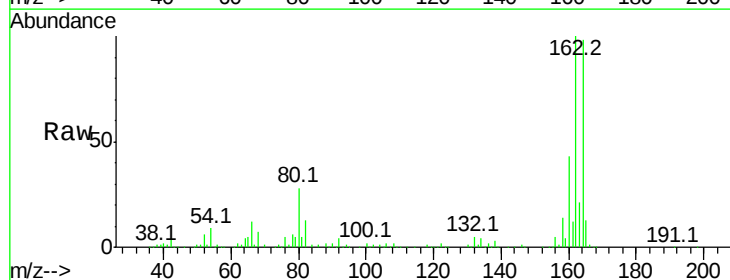
Instrument :
 BNA_F
 ClientSampleId :

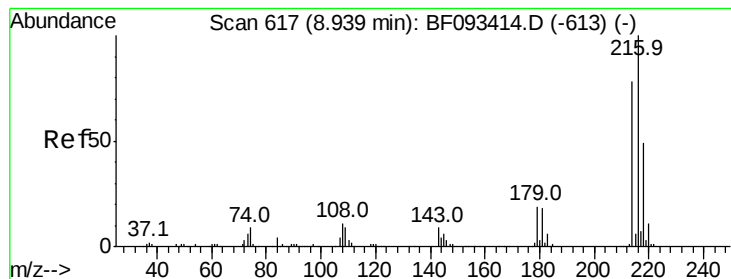
Tot Ion:142 Resp: 898107
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.0 106.6
 115 31.1 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion:164 Resp: 337101
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 44.3 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.35 ng

RT: 8.90 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 371399

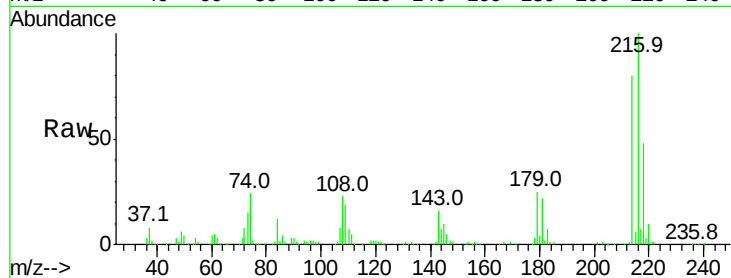
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 22.4 17.4 26.2

108 22.6 15.6 23.4

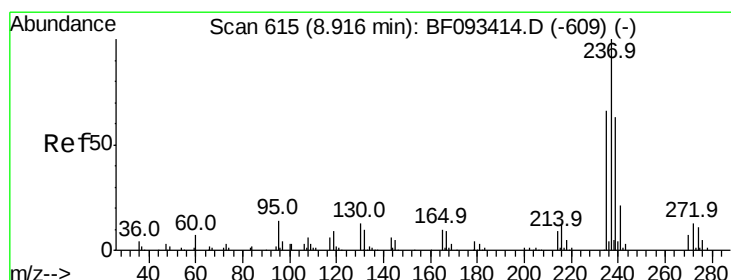
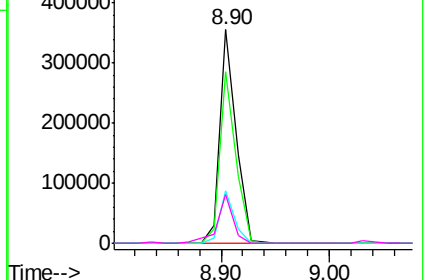
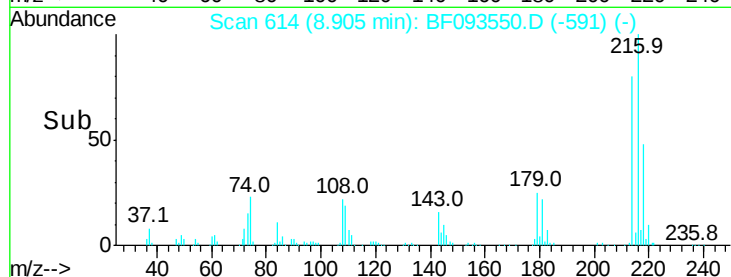


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.99 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.03 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

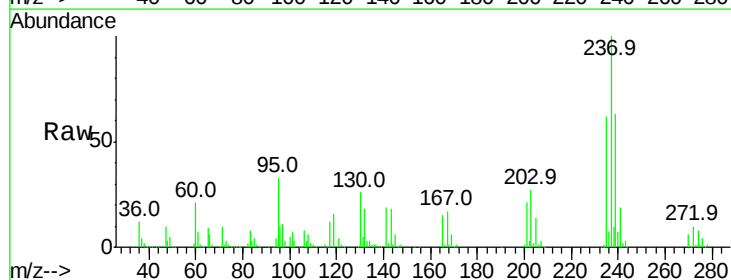
Tgt Ion:237 Resp: 183055

Ion Ratio Lower Upper

237 100

235 62.4 41.2 81.2

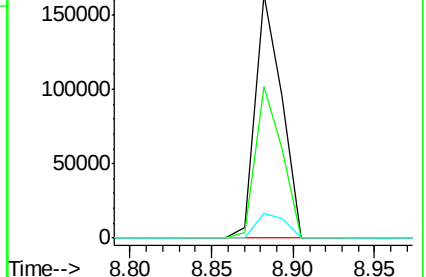
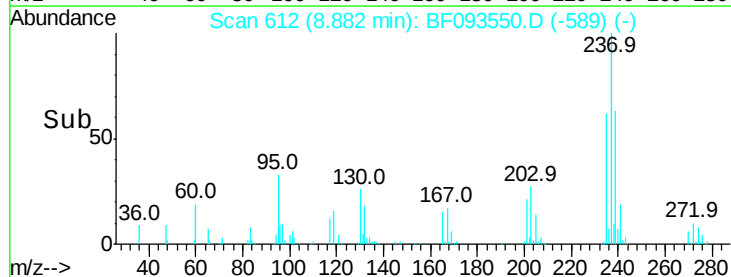
272 10.3 0.0 35.4

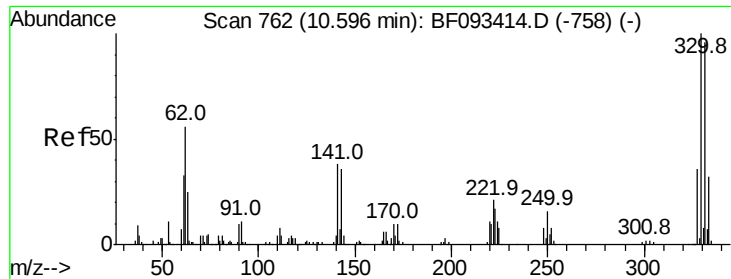


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

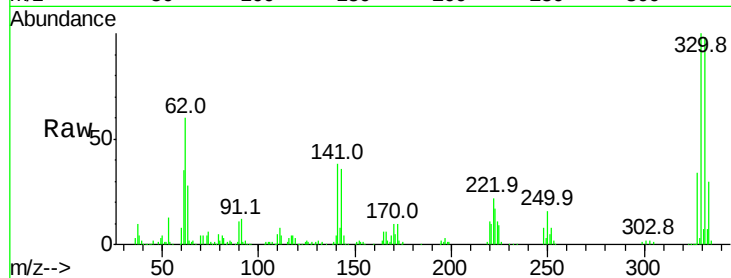




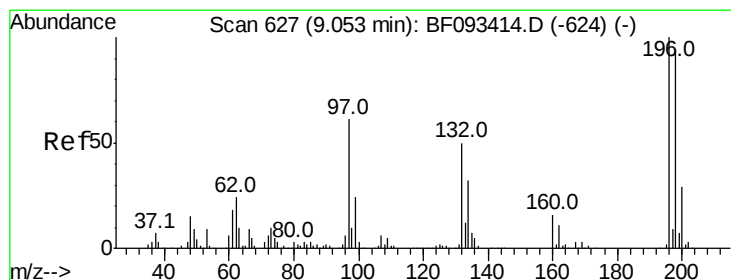
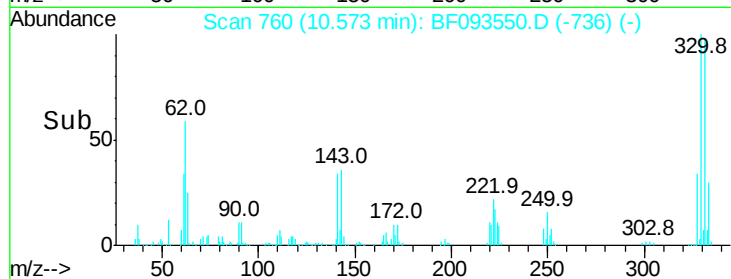
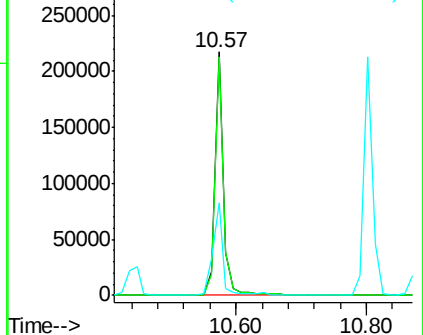
#41
 2,4,6-Tribromophenol
 Concen: 93.43 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	42.7	34.1	51.1

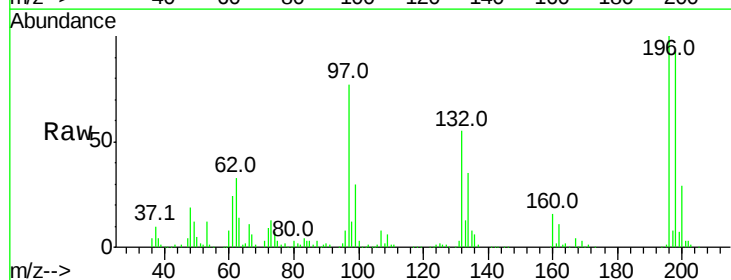


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

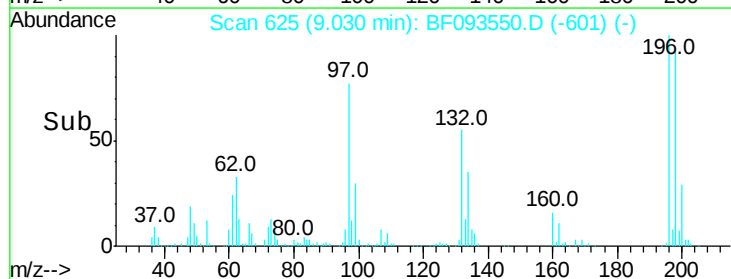
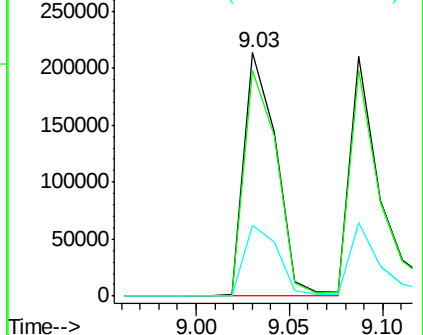


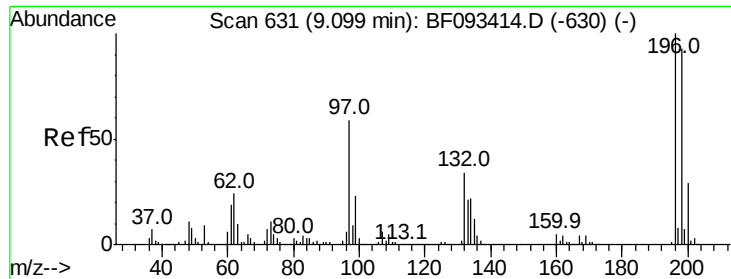
#42
 2,4,6-Trichlorophenol
 Concen: 45.05 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	82.1	123.1
200	29.2	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

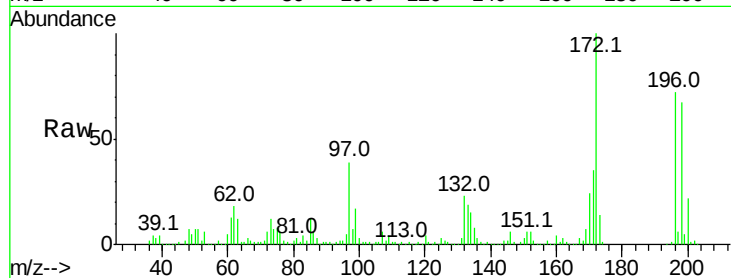




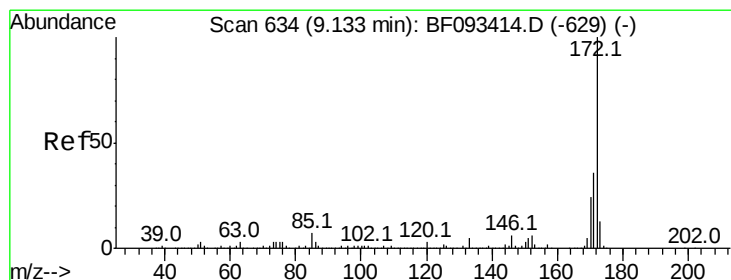
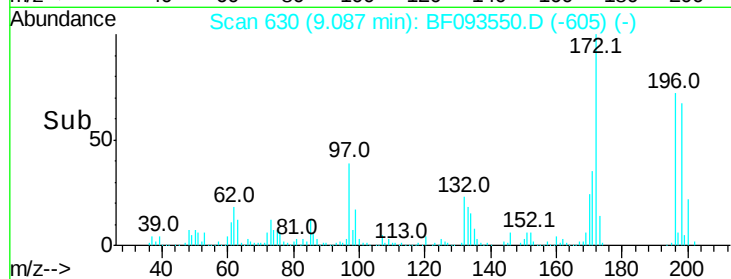
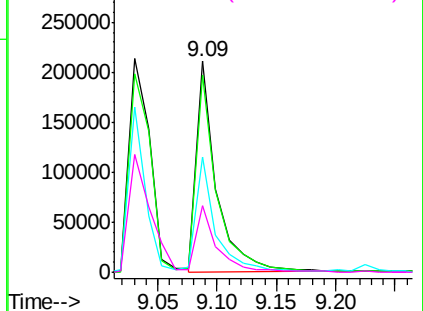
#43
 2,4,5-Trichlorophenol
 Concen: 40.36 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	249043
Ion Ratio	Lower	Upper	
196	100		
198	93.6	79.4	119.2
97	54.5	51.5	77.3
132	31.8	27.4	41.2

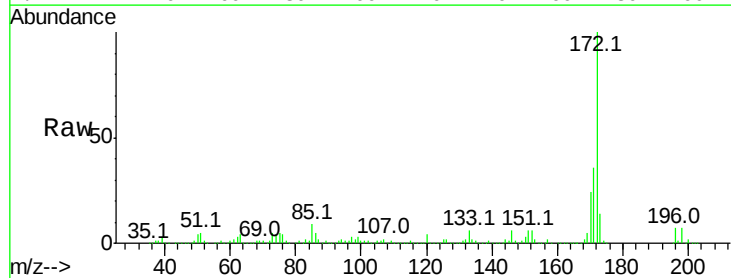


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

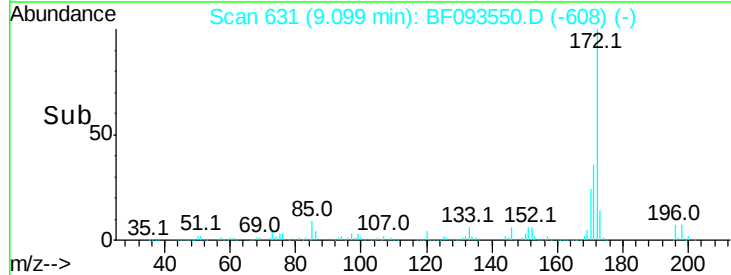
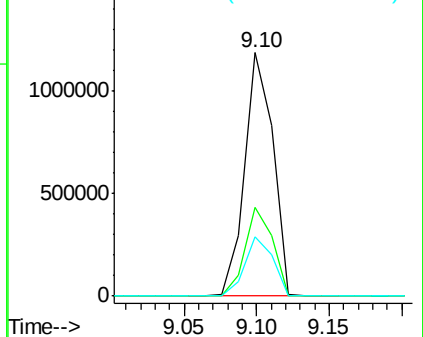


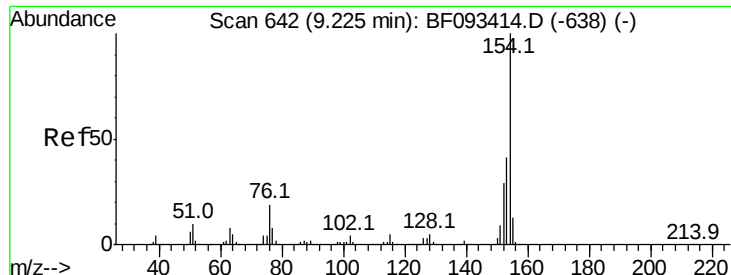
#44
 2-Fluorobiphenyl
 Concen: 88.25 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion:	172	Resp:	1599365
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.4	44.0
170	24.4	20.2	30.4



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





#45

1,1'-Biphenyl

Concen: 42.18 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampled :

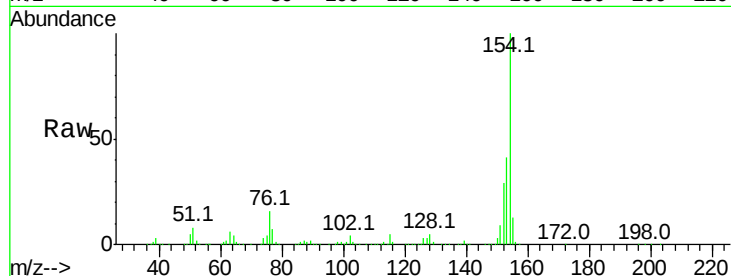
Tot Ion:154 Resp: 1035766

Ion Ratio Lower Upper

154 100

153 41.3 20.9 60.9

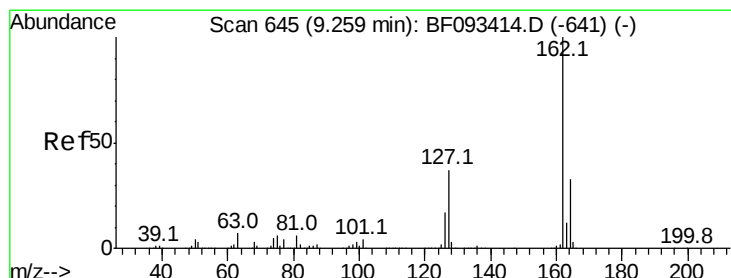
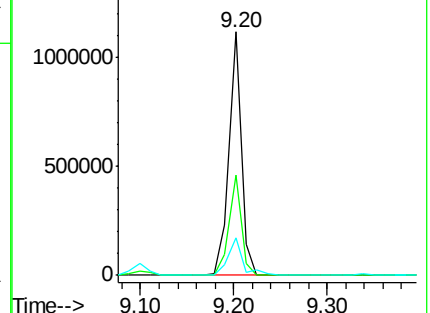
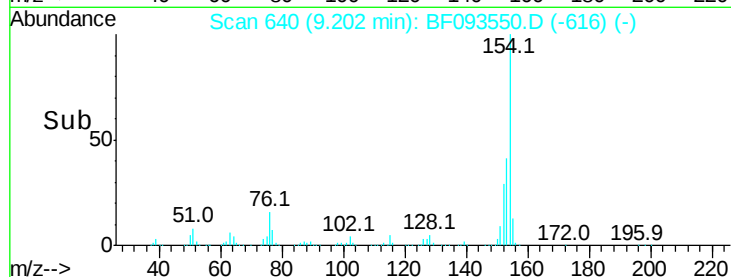
76 15.5 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.31 ng

RT: 9.22 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

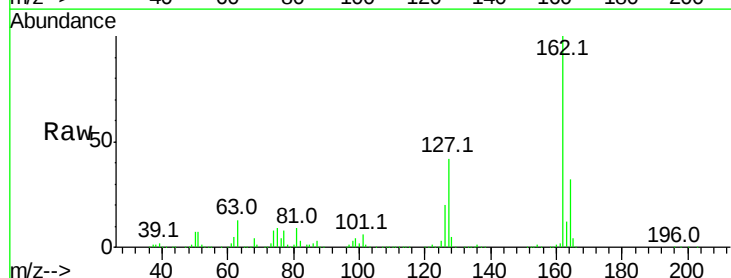
Tgt Ion:162 Resp: 814142

Ion Ratio Lower Upper

162 100

127 42.4 30.7 46.1

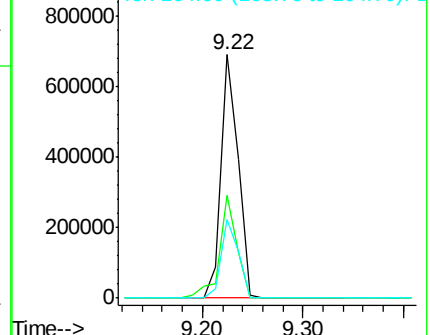
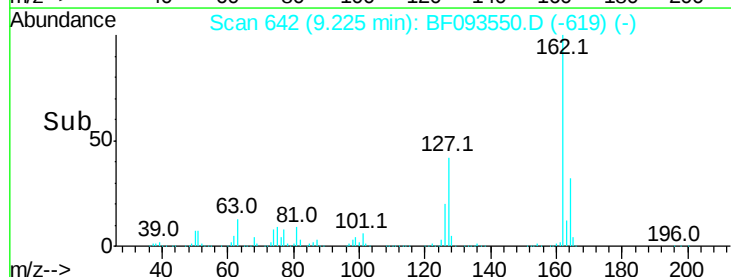
164 32.0 27.6 41.4

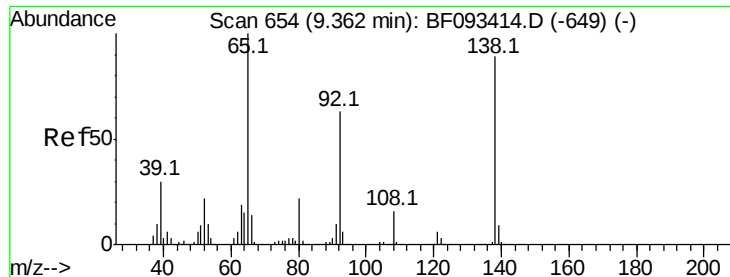


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.95 ng

RT: 9.34 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

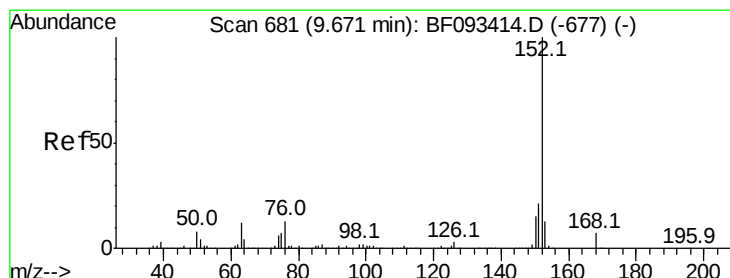
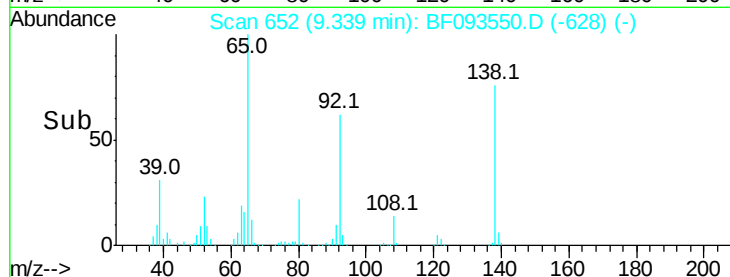
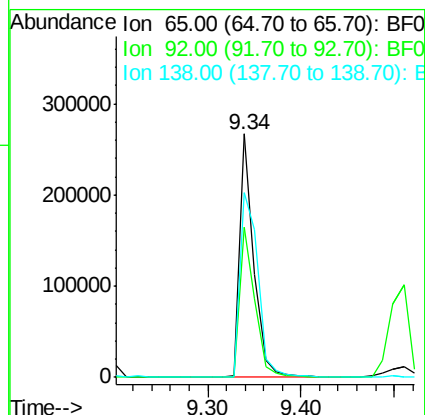
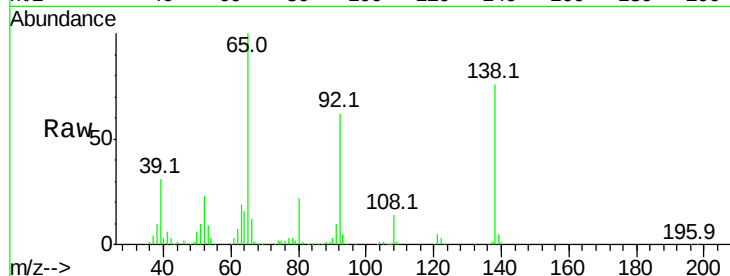
Tot Ion: 65 Resp: 285431

Ion Ratio Lower Upper

65 100

92 61.7 53.9 80.9

138 76.0 76.8 115.2#



#48

Acenaphthylene

Concen: 40.99 ng

RT: 9.64 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

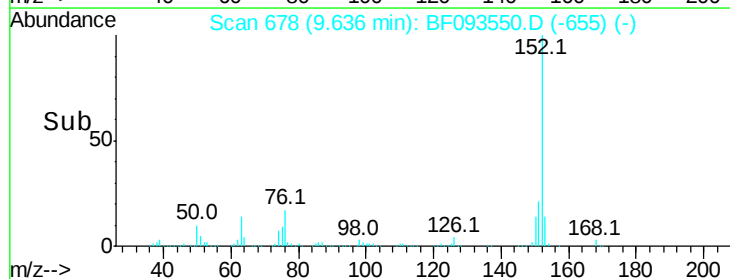
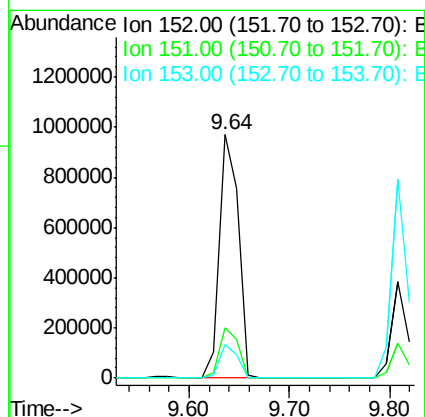
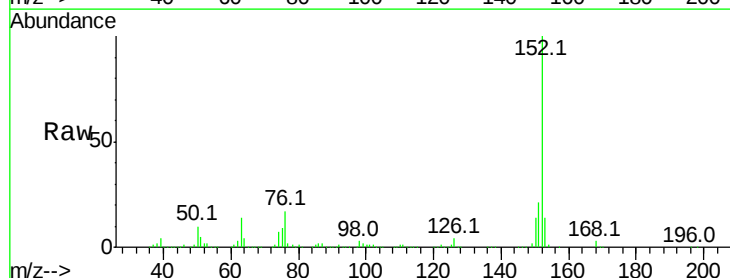
Tgt Ion: 152 Resp: 1270767

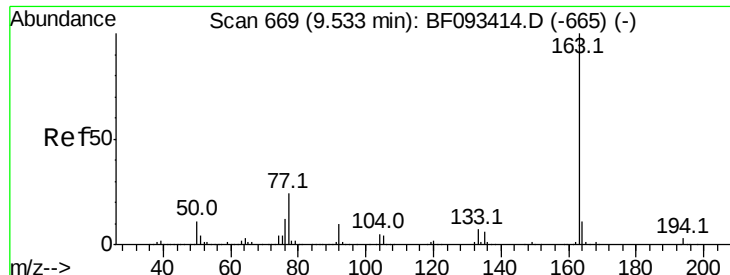
Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 13.7 11.4 17.2

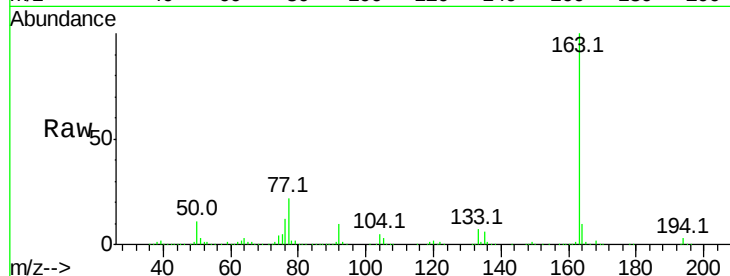




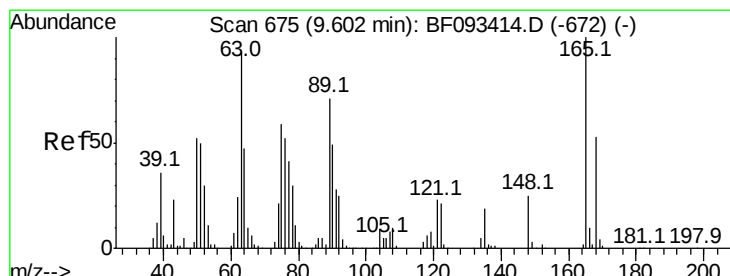
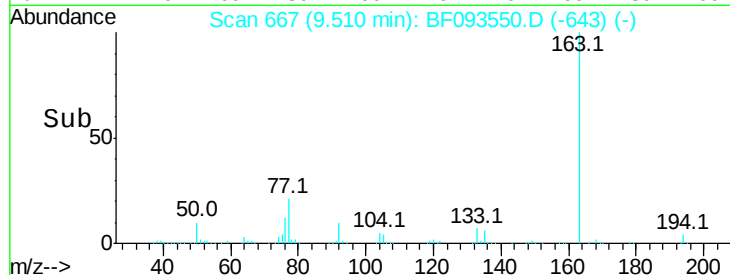
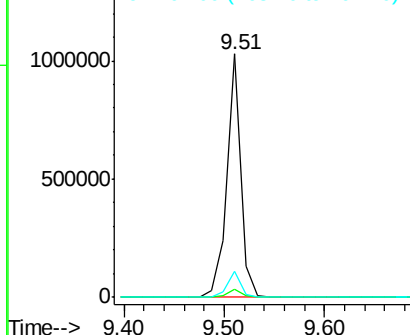
#49
Dimethylphthalate
Concen: 44.27 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 989306
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.5 8.0 12.0

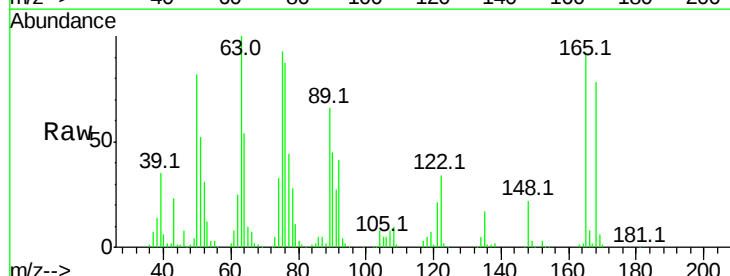


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

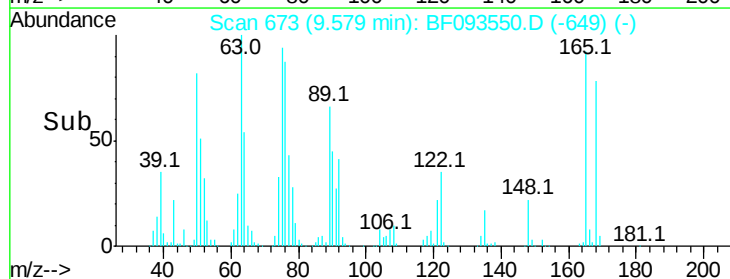
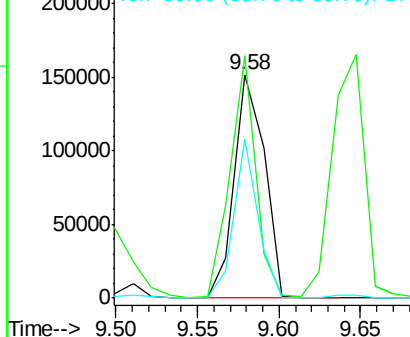


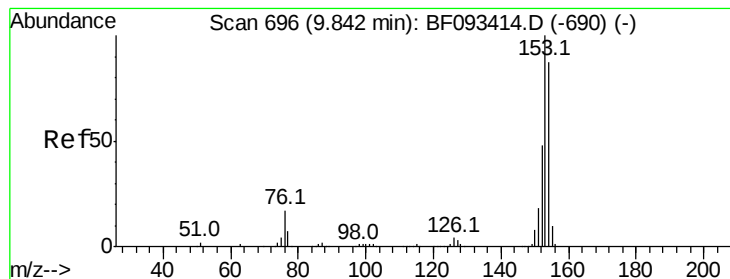
#50
2,6-Dinitrotoluene
Concen: 39.57 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion:165 Resp: 194021
Ion Ratio Lower Upper
165 100
63 108.6 36.2 54.4#
89 71.4 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: 39.98 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

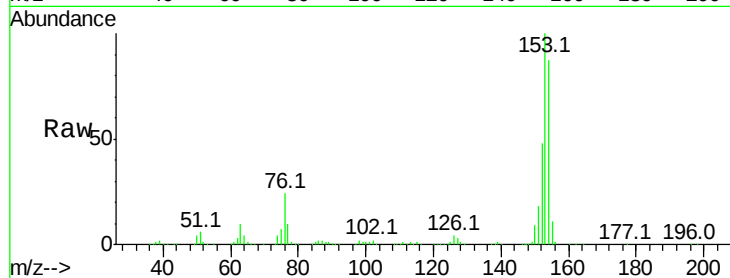
Tot Ion:154 Resp: 732864

Ion Ratio Lower Upper

154 100

153 115.1 88.6 133.0

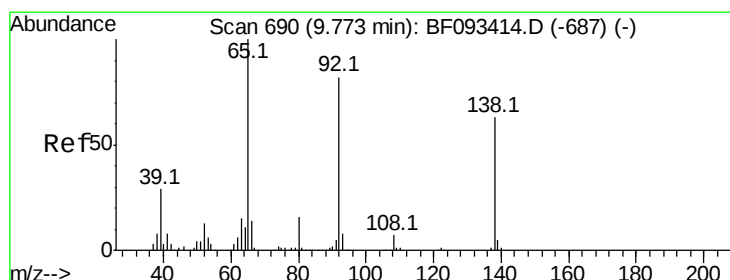
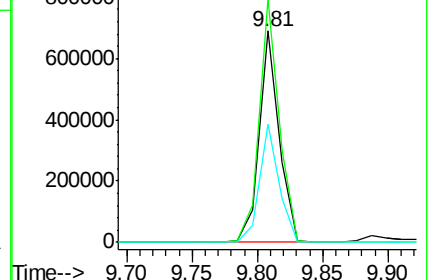
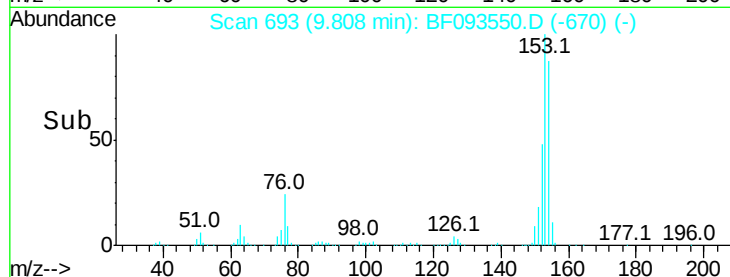
152 55.7 41.6 62.4



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: 3.31 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

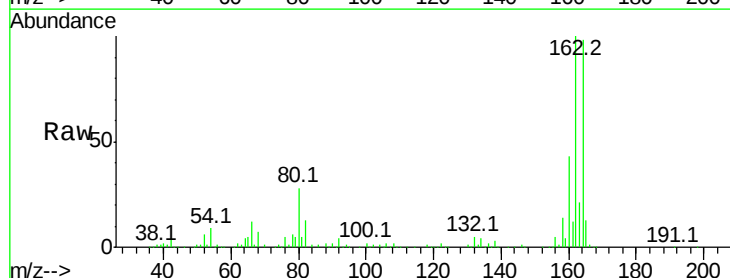
Tgt Ion:138 Resp: 19526

Ion Ratio Lower Upper

138 100

108 73.1 8.5 12.7#

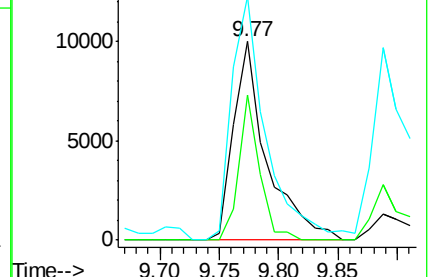
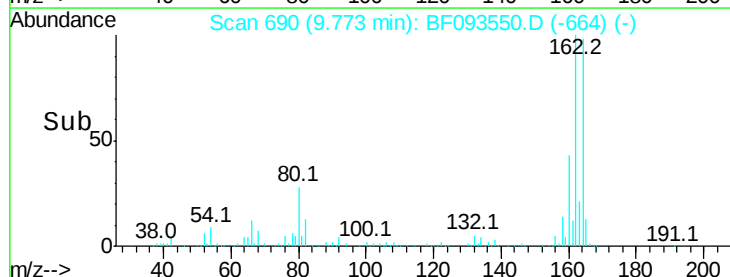
92 122.9 97.8 146.8

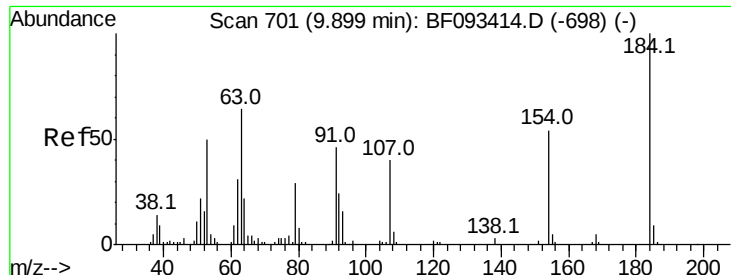


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

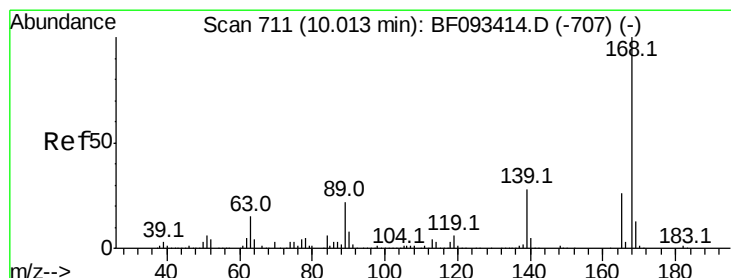
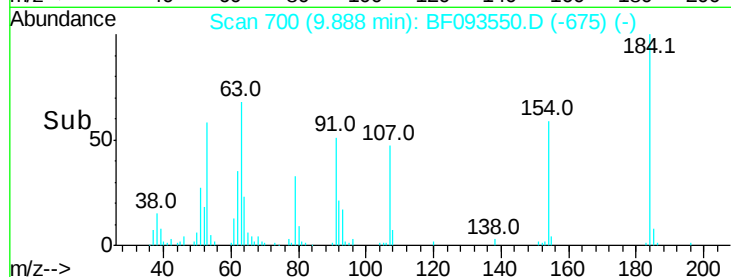
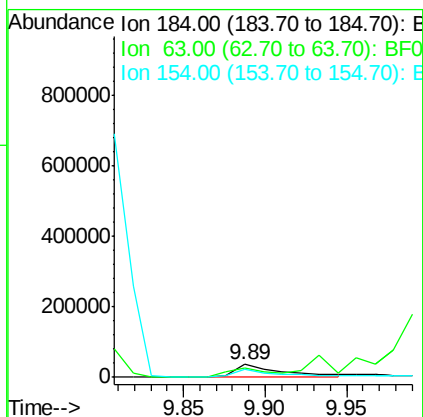
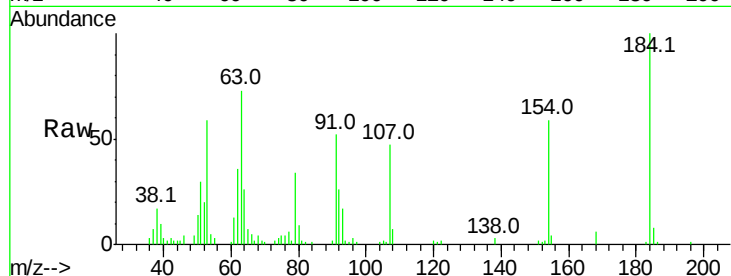




#53
 2,4-Dinitrophenol
 Concen: 32.77 ng
 RT: 9.89 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

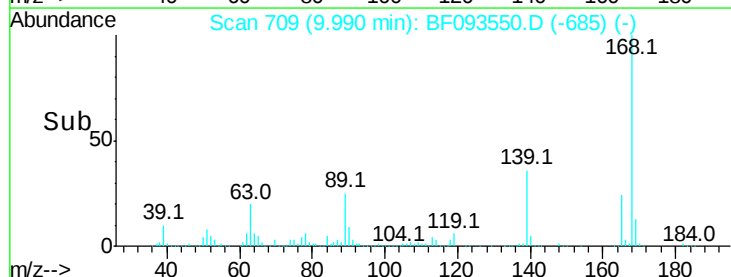
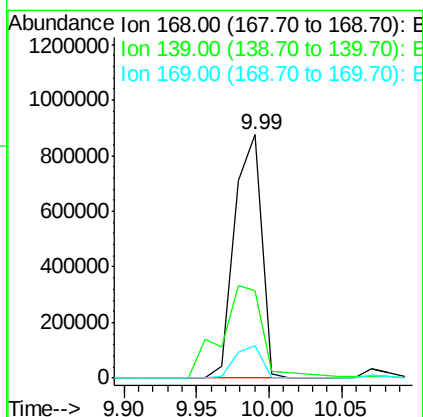
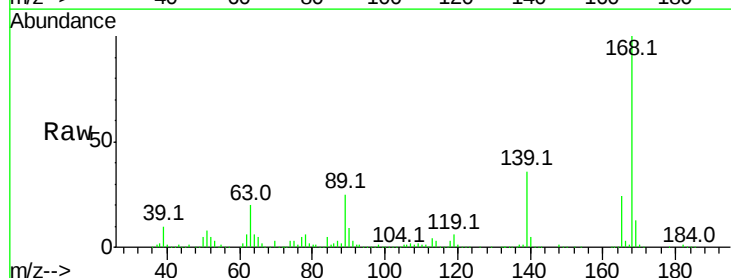
Instrument :
 BNA_F
 ClientSampled :

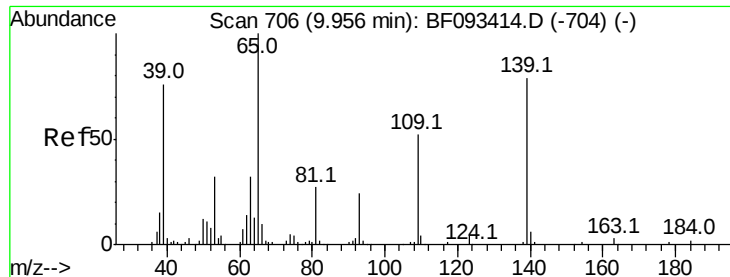
Tot Ion:184 Resp: 73172
 Ion Ratio Lower Upper
 184 100
 63 72.8 28.4 42.6#
 154 58.9 44.3 66.5



#54
 Dibenzofuran
 Concen: 49.30 ng
 RT: 9.99 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion:168 Resp: 1131161
 Ion Ratio Lower Upper
 168 100
 139 36.0 32.6 49.0
 169 13.1 11.3 16.9





#55

4-Nitrophenol

Concen: 241.36 ng

RT: 9.98 min Scan# 708

Delta R.T. 0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

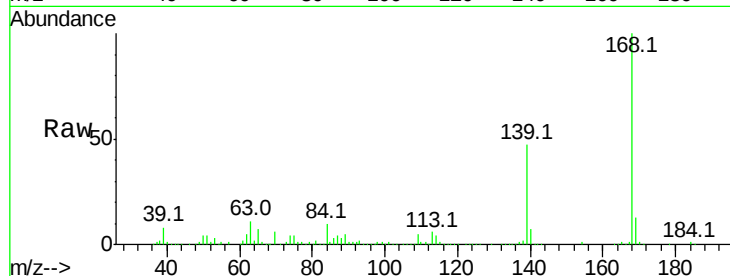
Tot Ion:139 Resp: 690671

Ion Ratio Lower Upper

139 100

109 9.8 52.2 92.2#

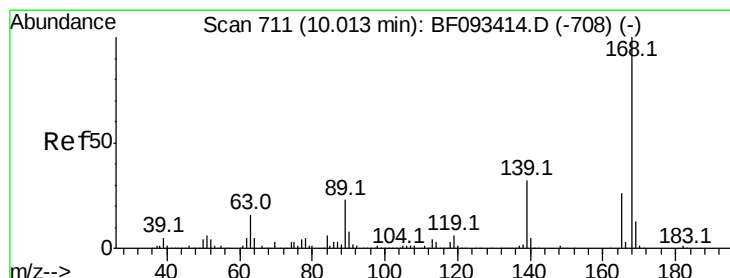
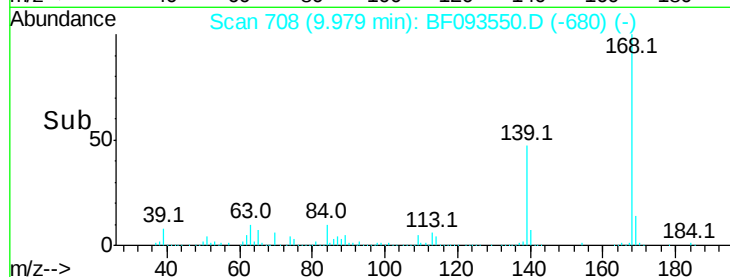
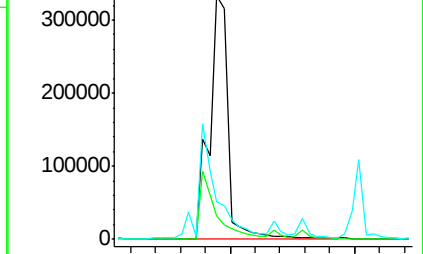
65 15.3 85.8 125.8#



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: 43.35 ng

RT: 9.99 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Tgt Ion:165 Resp: 261169

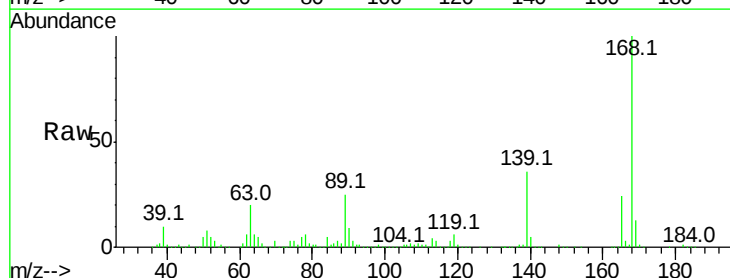
Ion Ratio Lower Upper

165 100

63 85.7 40.2 60.4#

89 105.1 62.5 93.7#

182 2.4 1.8 2.8

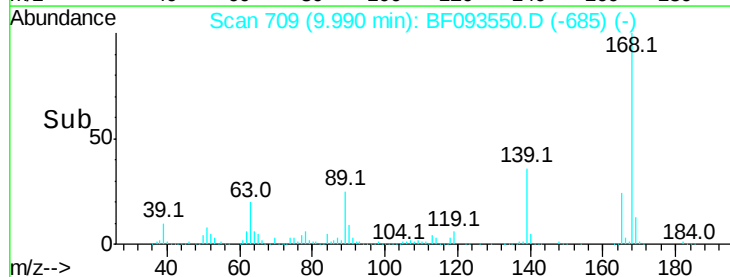
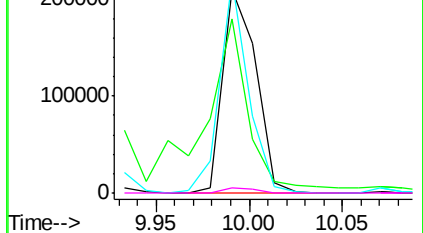


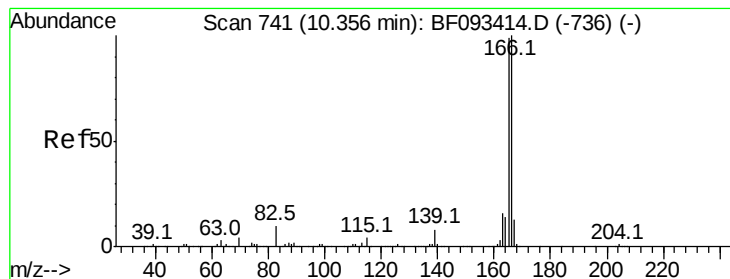
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.33 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampled :

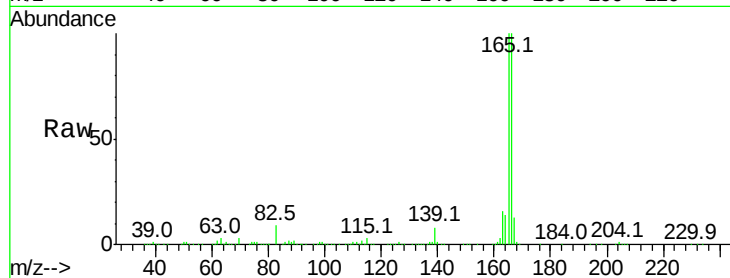
Tot Ion:166 Resp: 861888

Ion Ratio Lower Upper

166 100

165 100.4 77.8 116.8

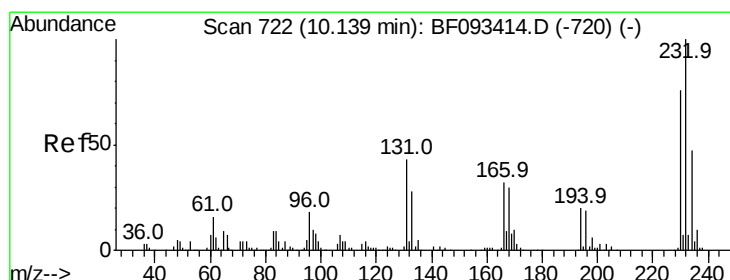
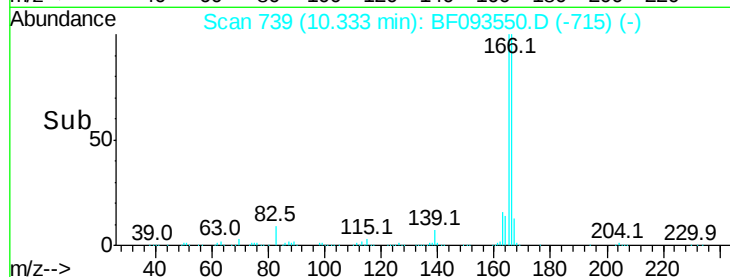
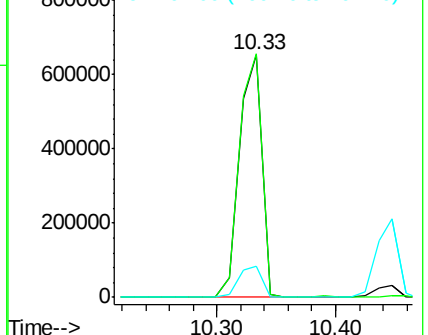
167 13.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.29 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Tgt Ion:232 Resp: 201580

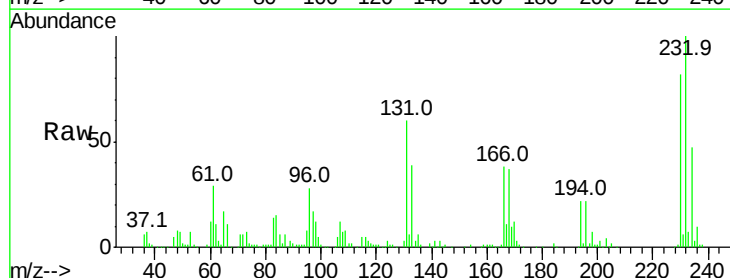
Ion Ratio Lower Upper

232 100

131 52.1 40.1 60.1

130 2.6 1.8 2.8

166 33.3 26.6 39.8

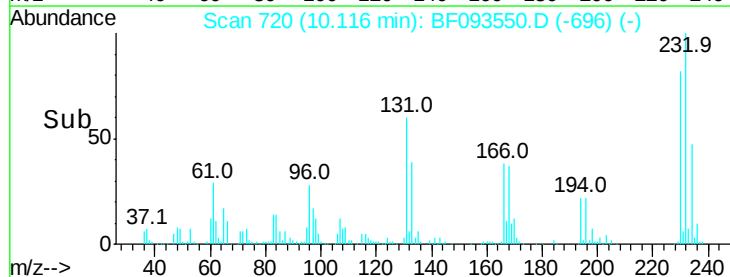
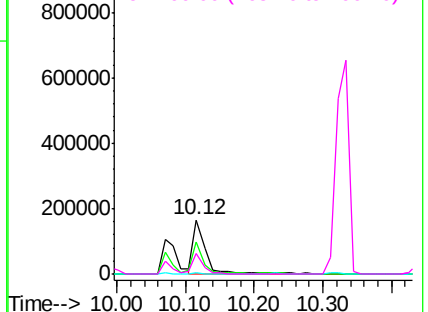


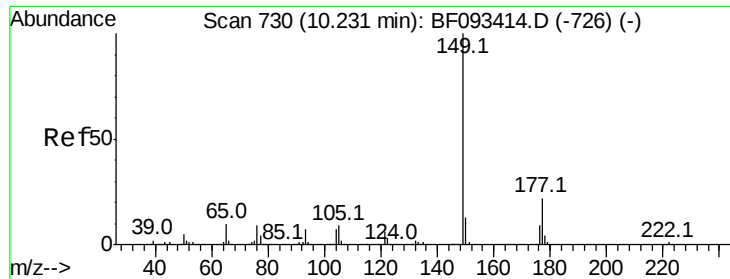
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

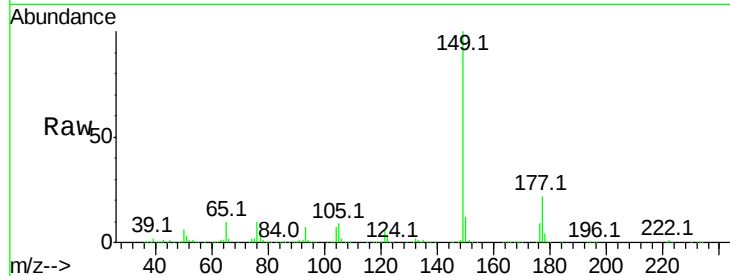




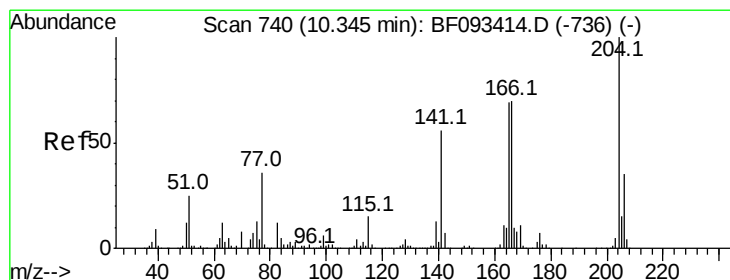
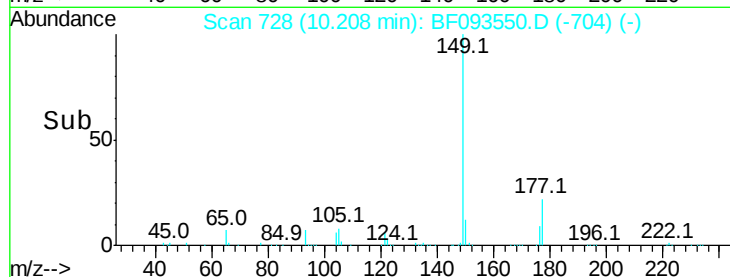
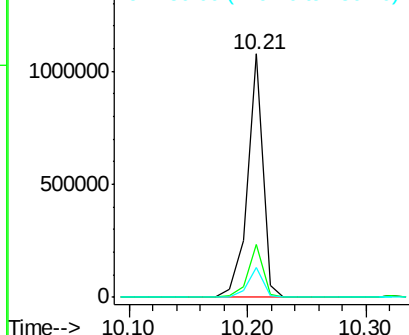
#59
Diethylphthalate
Concen: 45.63 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 974547
Ion Ratio Lower Upper
149 100
177 21.6 16.6 25.0
150 12.4 10.4 15.6

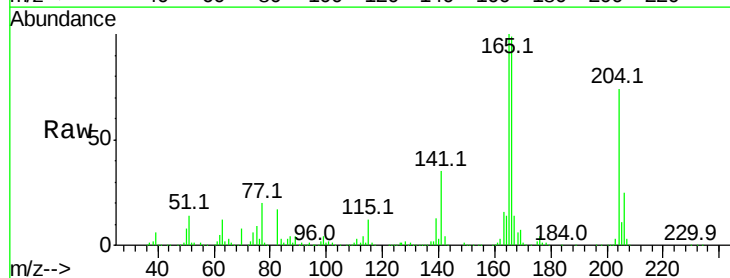


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

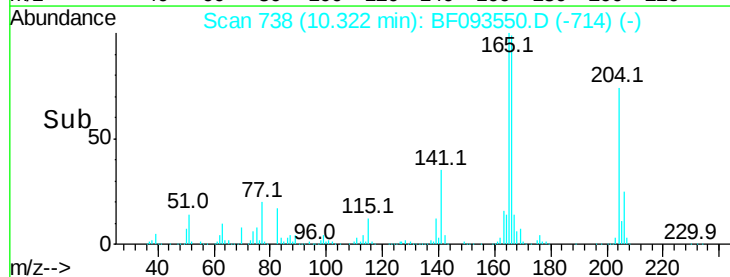
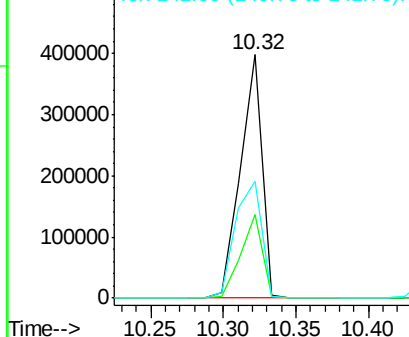


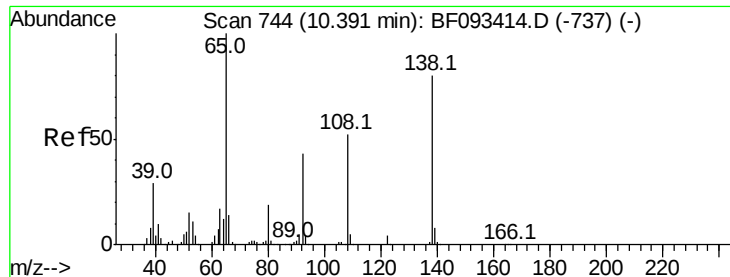
#60
4-Chlorophenyl-phenylether
Concen: 47.26 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion:204 Resp: 411836
Ion Ratio Lower Upper
204 100
206 34.5 25.8 38.6
141 47.9 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: 28.62 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampled :

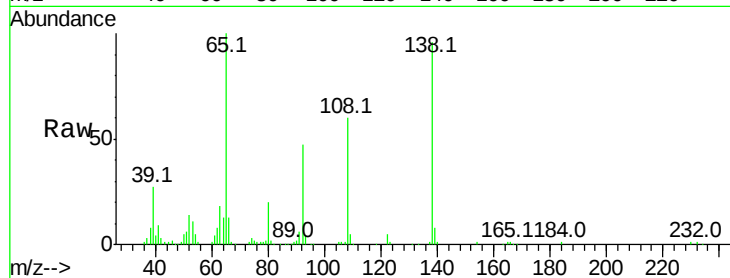
Tot Ion:138 Resp: 172426

Ion Ratio Lower Upper

138 100

92 48.5 31.7 71.7

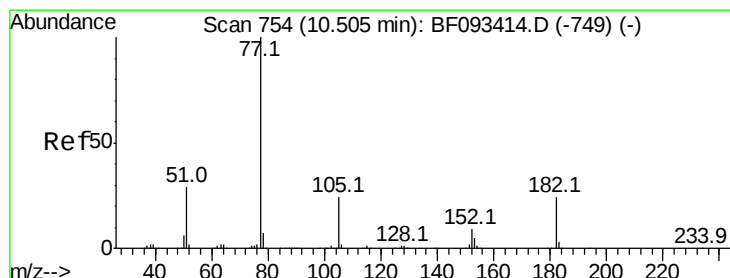
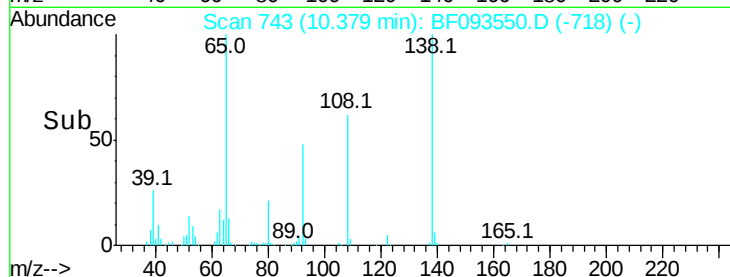
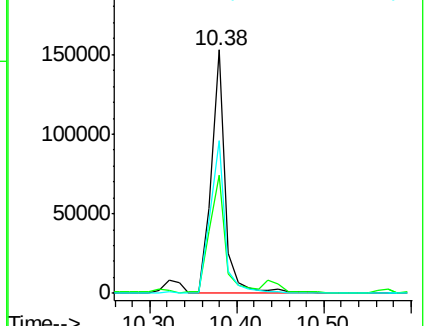
108 62.8 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.02 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Tgt Ion: 77 Resp: 1213939

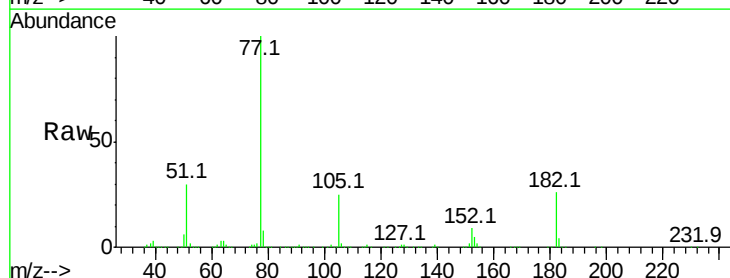
Ion Ratio Lower Upper

77 100

182 25.5 0.0 39.3

105 24.9 2.3 42.3

51 29.6 8.9 48.9

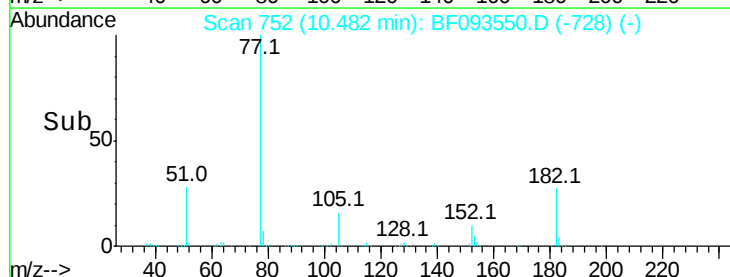
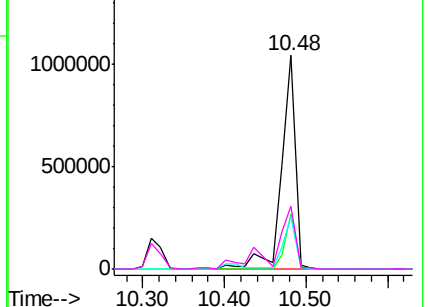


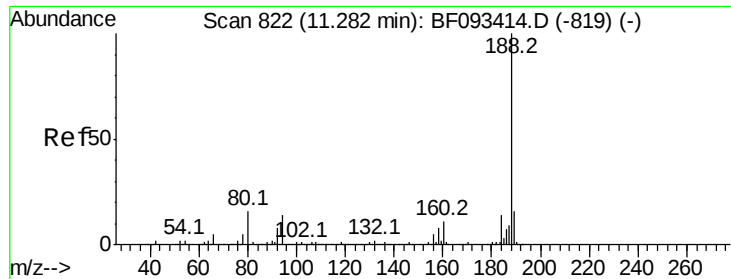
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 820

Delta R.T. -0.02 min

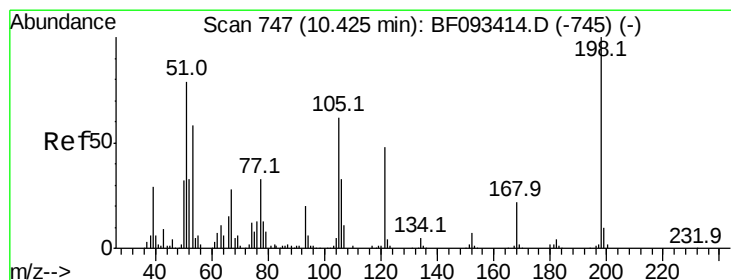
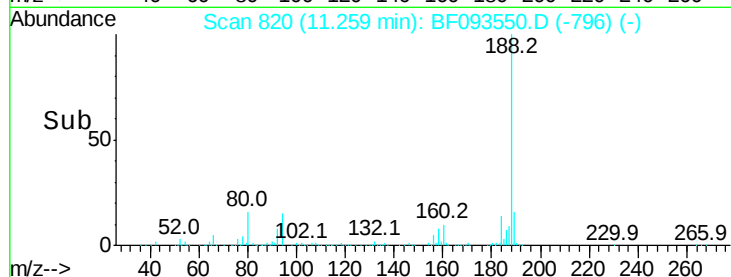
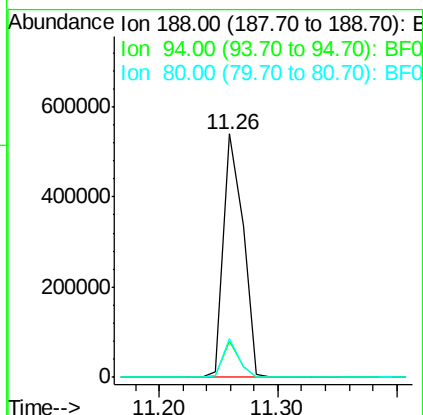
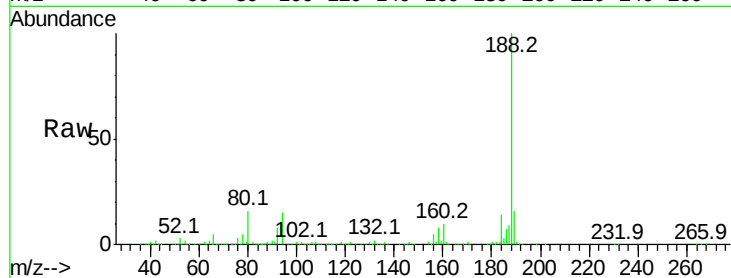
Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 614847

Ion	Ratio	Lower	Upper
188	100		
94	14.9	10.0	15.0
80	16.1	11.2	16.8



#64

4,6-Dinitro-2-methylphenol

Concen: 28.01 ng

RT: 10.41 min Scan# 746

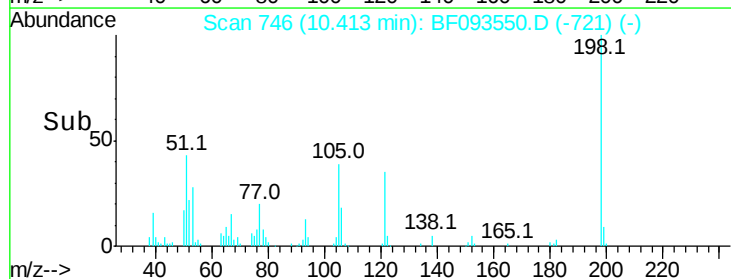
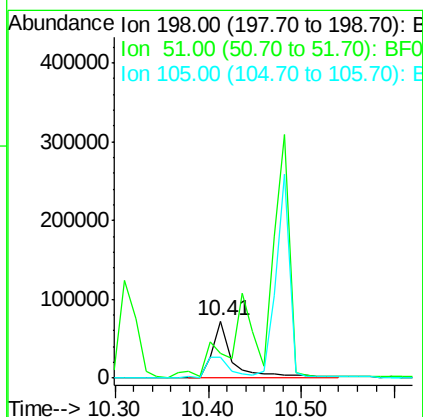
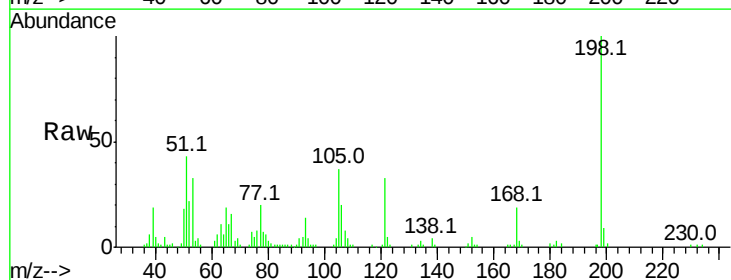
Delta R.T. -0.01 min

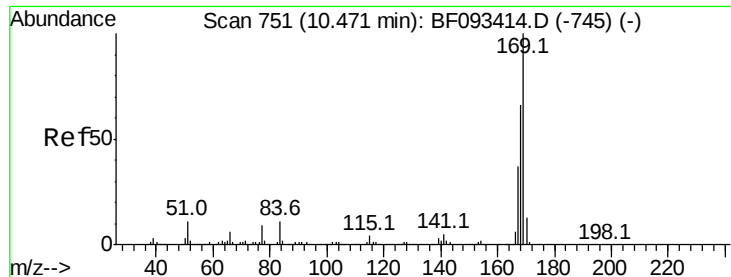
Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Tgt Ion:198 Resp: 111584

Ion	Ratio	Lower	Upper
198	100		
51	42.7	6.7	46.7
105	36.8	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 34.43 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

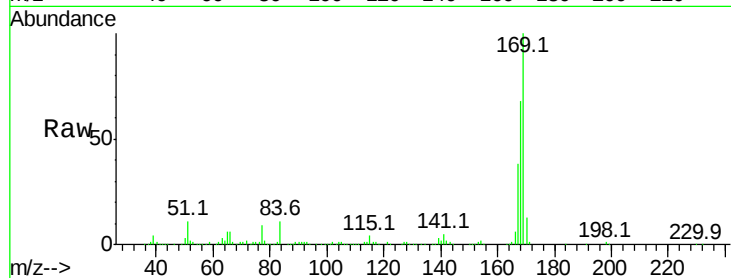
Tot Ion:169 Resp: 706788

Ion Ratio Lower Upper

169 100

168 68.3 54.2 81.2

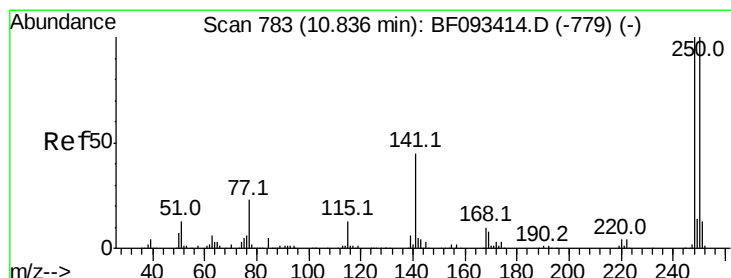
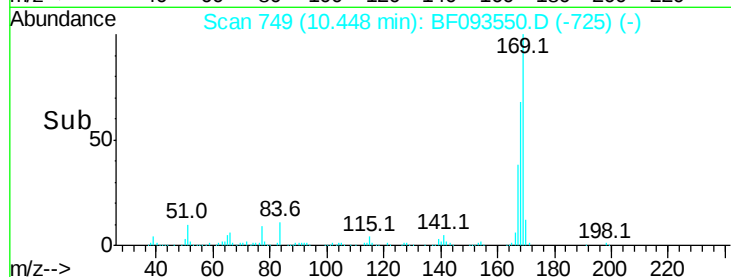
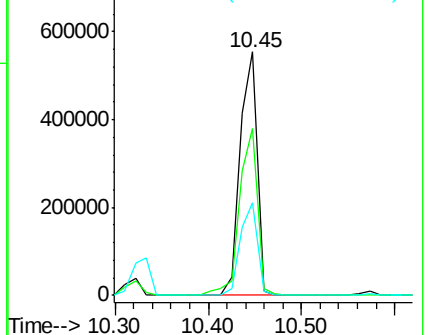
167 38.0 30.2 45.4



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: 35.09 ng

RT: 10.80 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

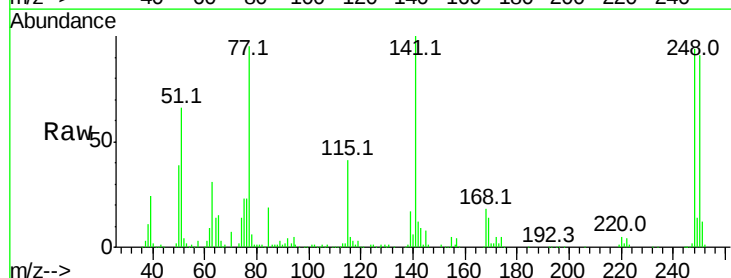
Tgt Ion:248 Resp: 228165

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

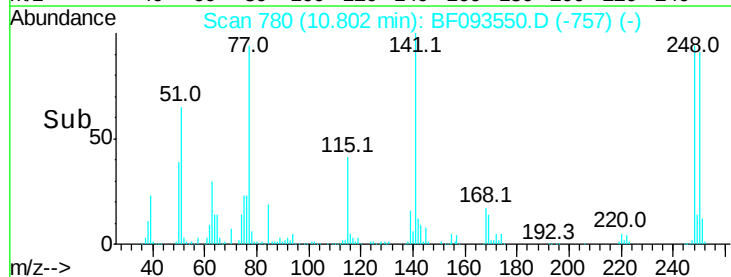
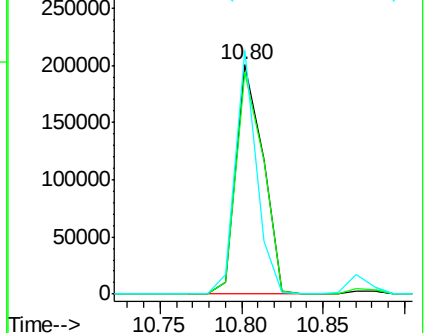
141 106.3 68.2 102.4#

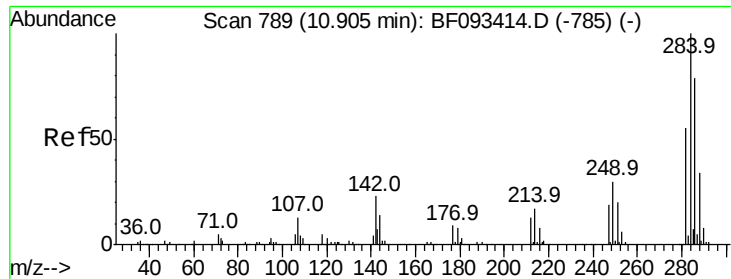


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

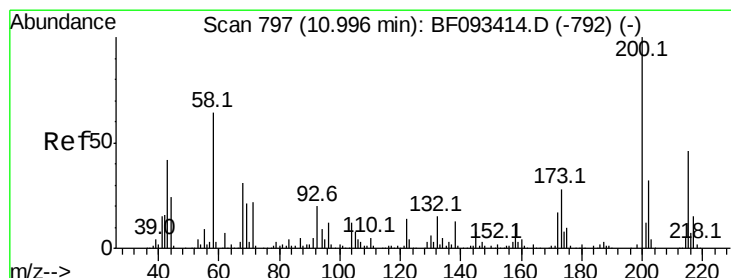
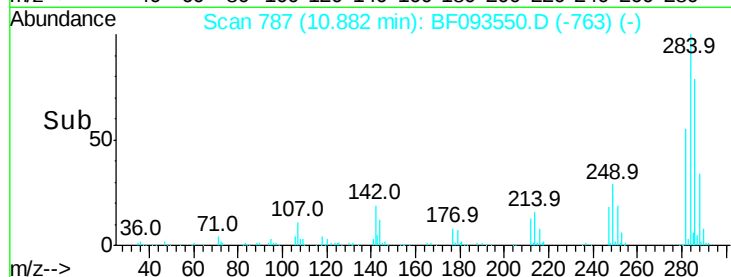
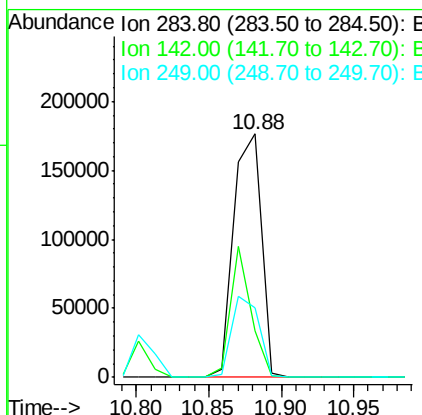
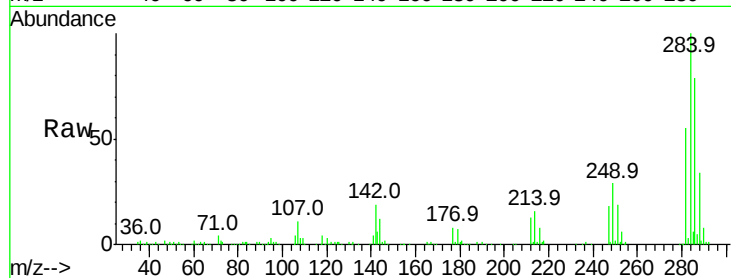




#67
Hexachlorobenzene
Concen: 37.95 ng
RT: 10.88 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

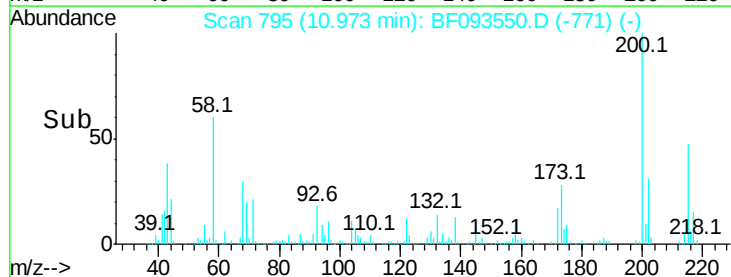
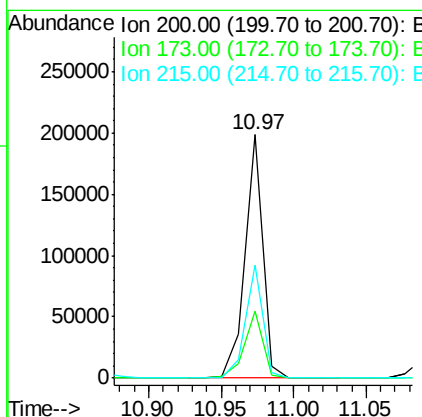
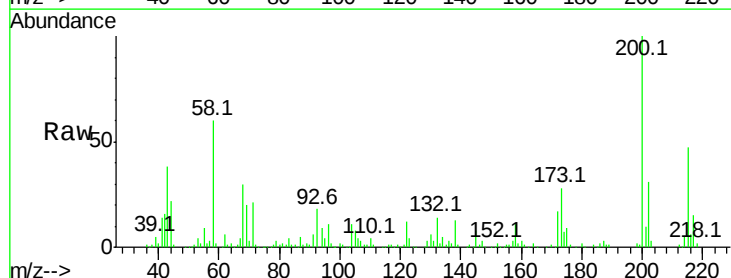
Instrument :
BNA_F
ClientSampled :

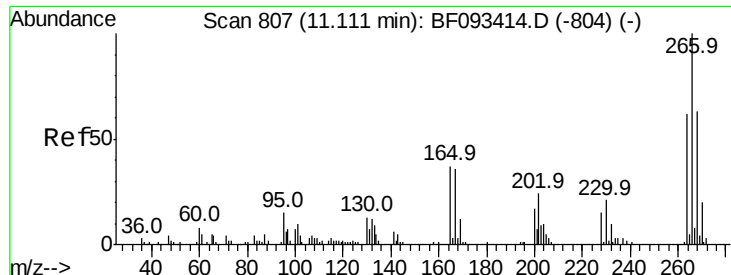
Tot Ion	Ratio	Lower	Upper
284	100		
142	19.0	22.6	33.8#
249	28.6	25.4	38.0



#68
Atrazine
Concen: 28.15 ng
RT: 10.97 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	9.6	49.6
215	46.6	25.7	65.7

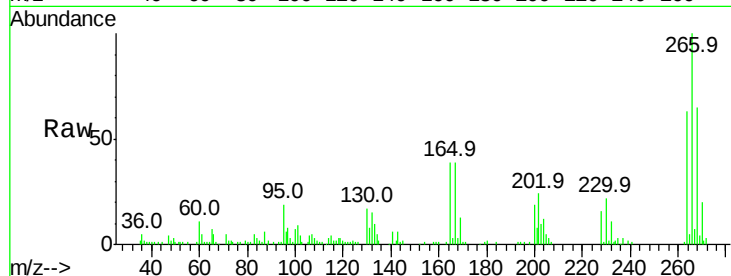




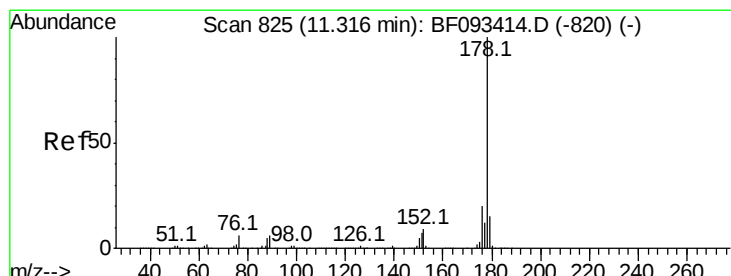
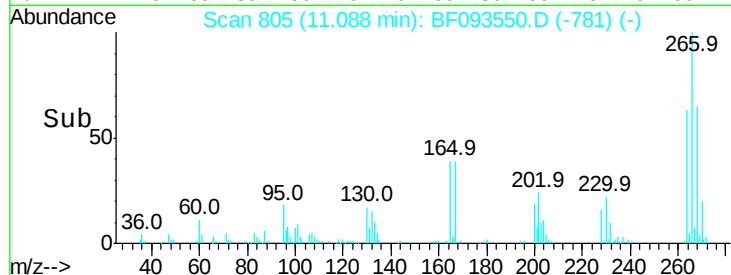
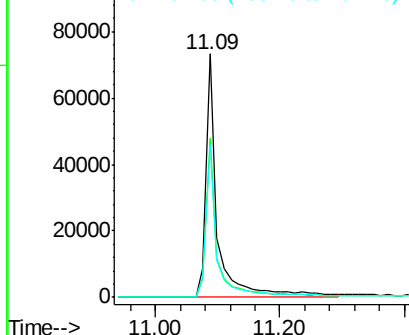
#69
 Pentachlorophenol
 Concen: 44.84 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	53.3	79.9
264	62.6	50.3	75.5

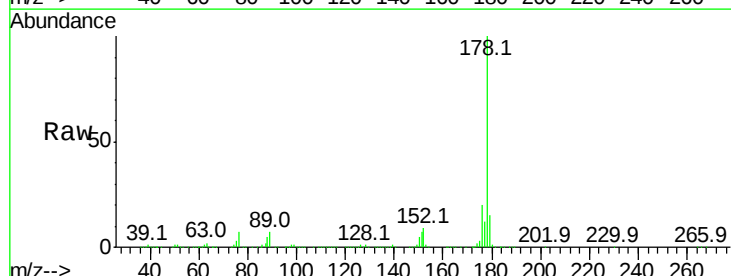


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

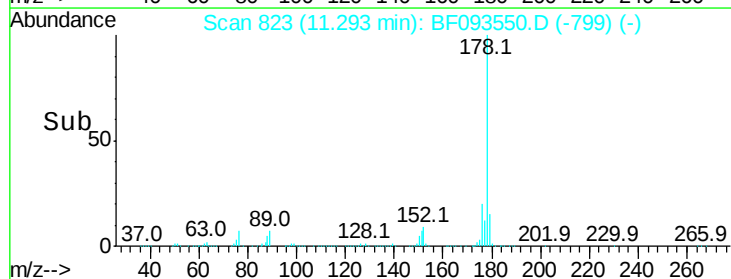
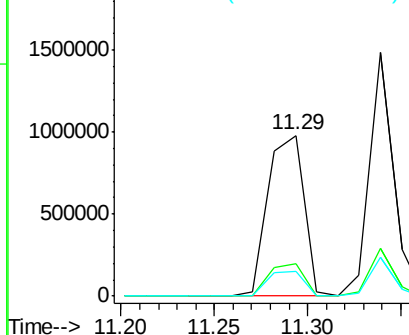


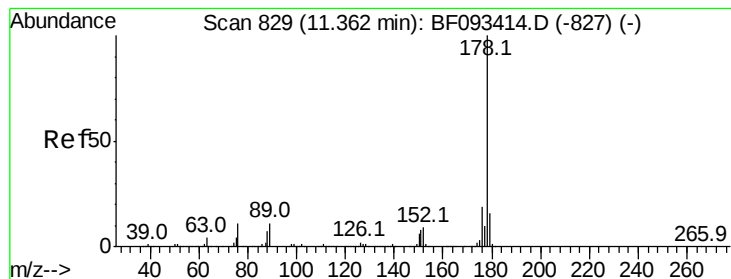
#70
 Phenanthrene
 Concen: 37.54 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.0	12.8	19.2



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





#71

Anthracene

Concen: 37.44 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

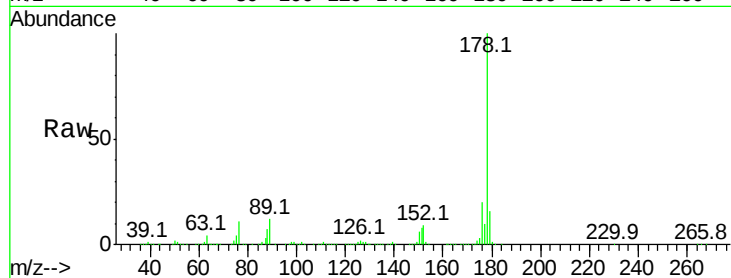
Tot Ion:178 Resp: 1329214

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

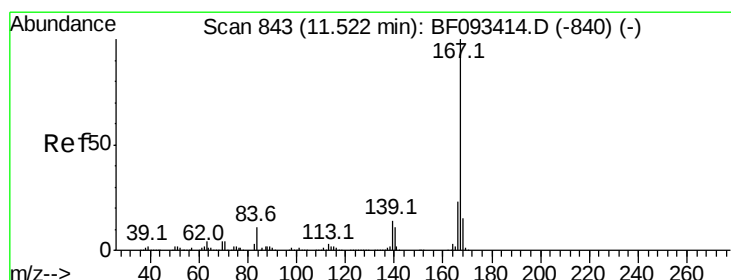
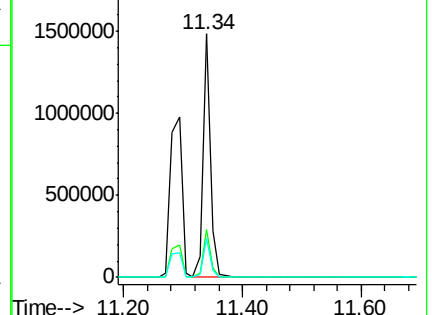
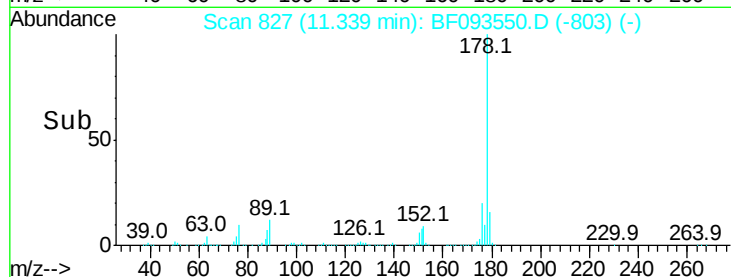
179 15.9 13.2 19.8



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: 32.58 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

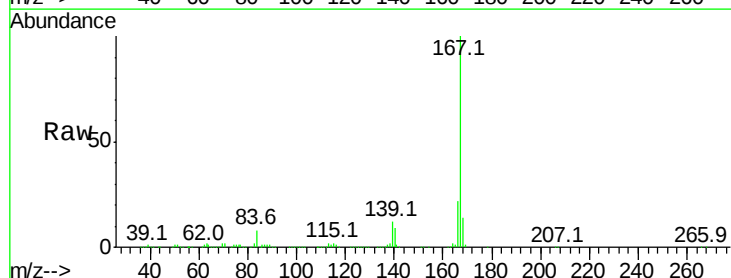
Tgt Ion:167 Resp: 1086477

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

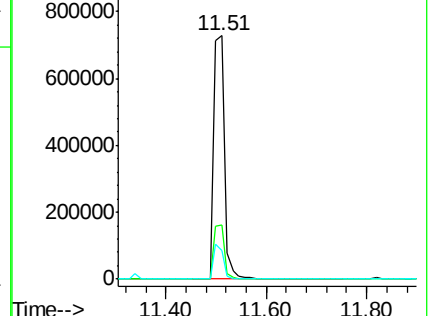
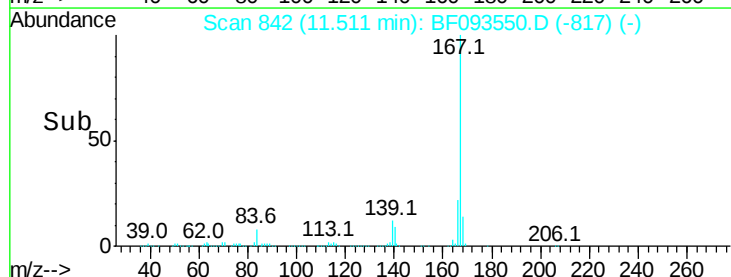
139 11.7 11.4 17.2

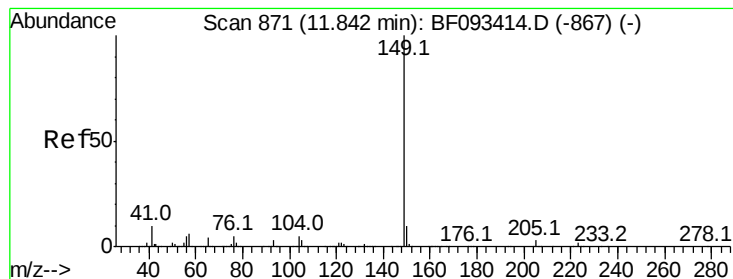


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.67 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

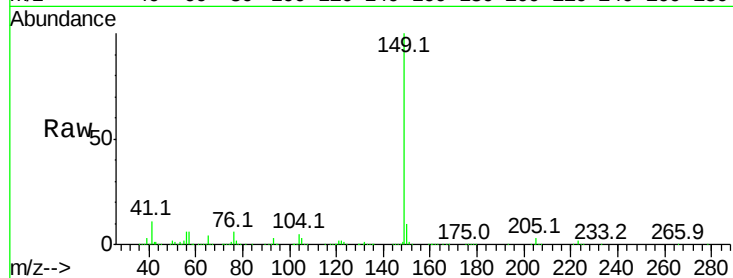
Tot Ion:149 Resp: 1492151

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

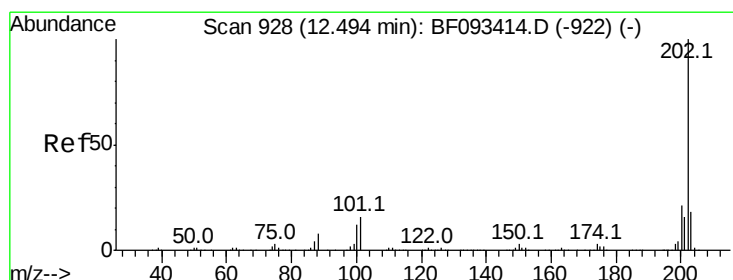
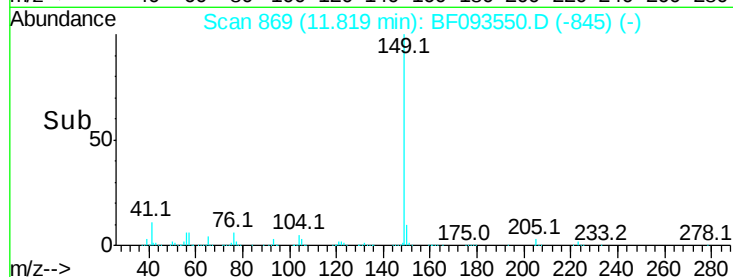
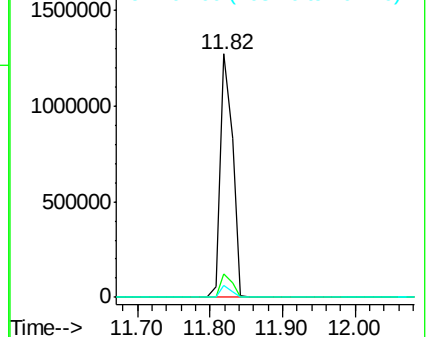
104 5.0 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.50 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

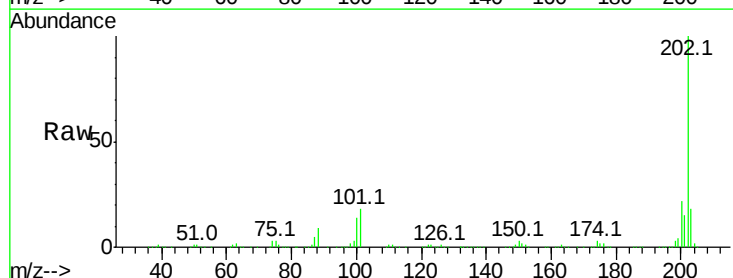
Tgt Ion:202 Resp: 1305196

Ion Ratio Lower Upper

202 100

101 18.3 0.0 34.6

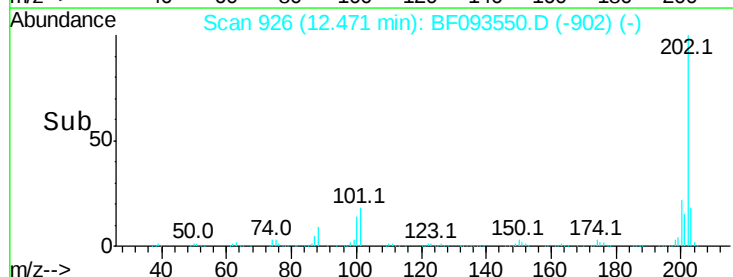
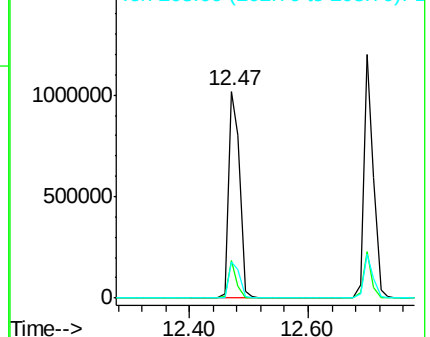
203 17.8 0.0 38.7

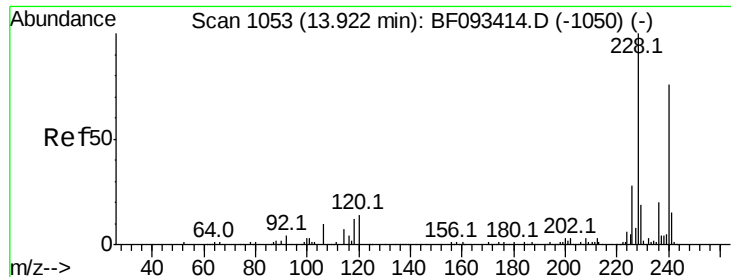


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampled :

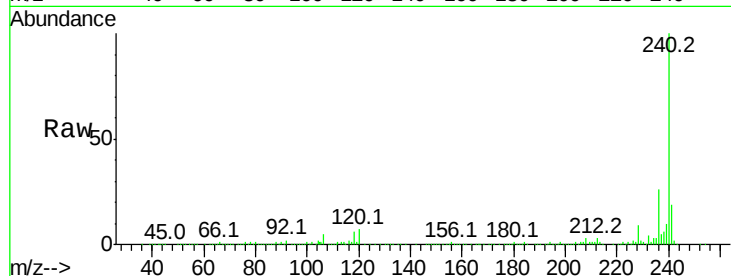
Tot Ion:240 Resp: 493789

Ion Ratio Lower Upper

240 100

120 7.1 12.9 19.3#

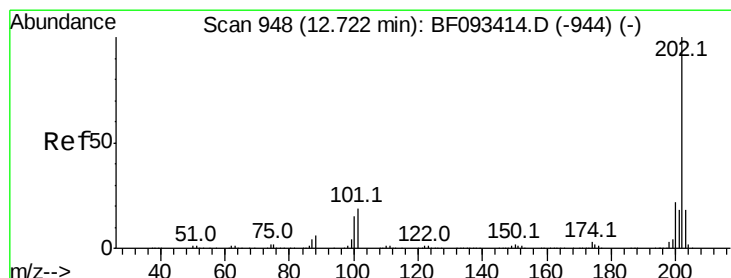
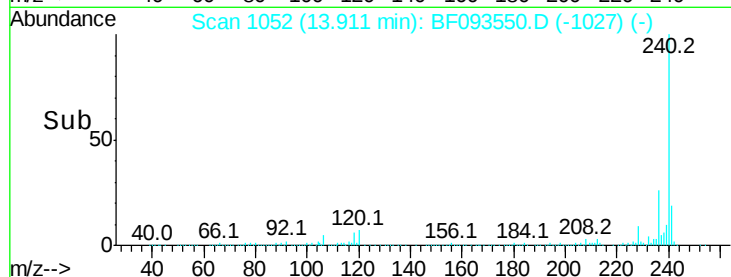
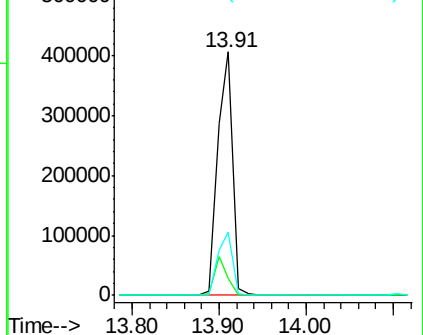
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 36.52 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

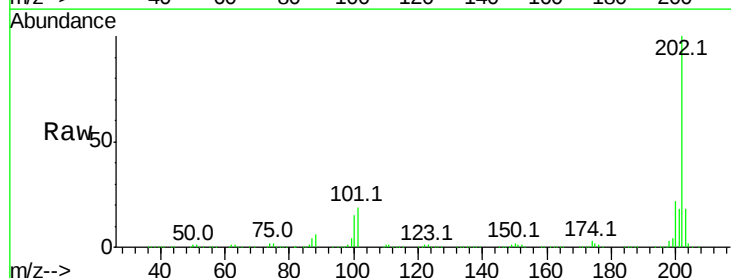
Tgt Ion:202 Resp: 1311421

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

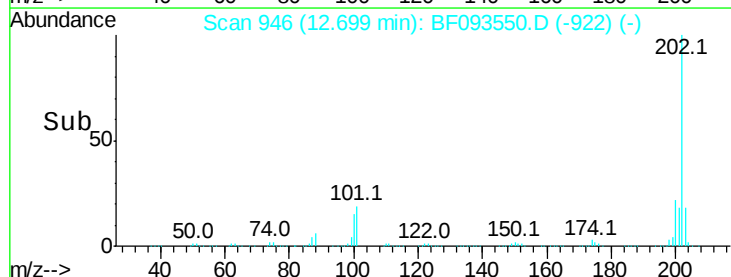
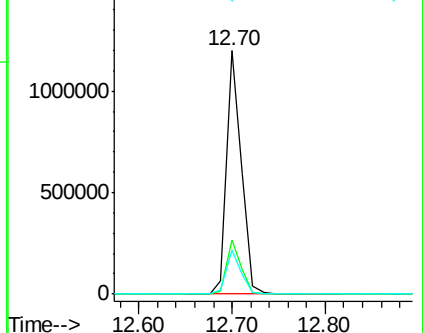
203 18.1 14.7 22.1

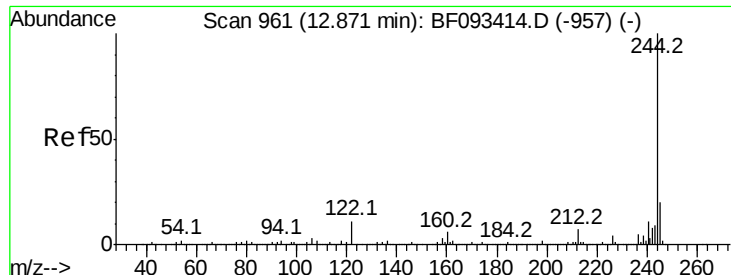


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

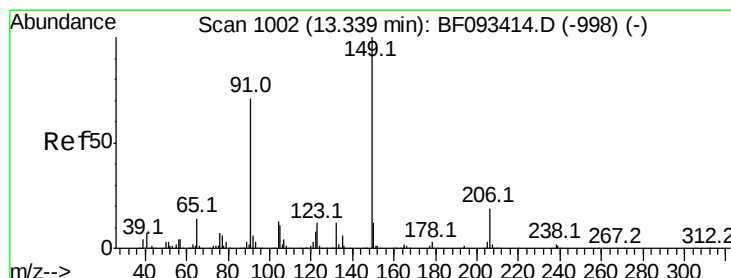
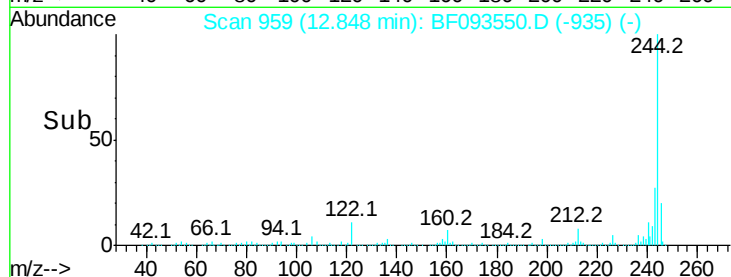
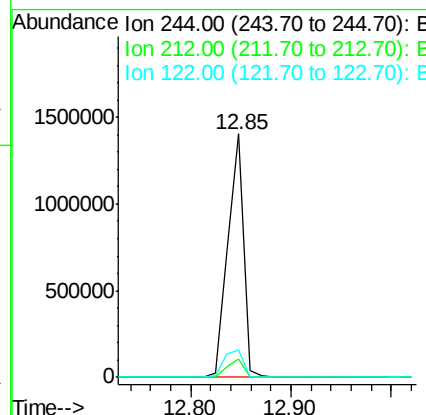
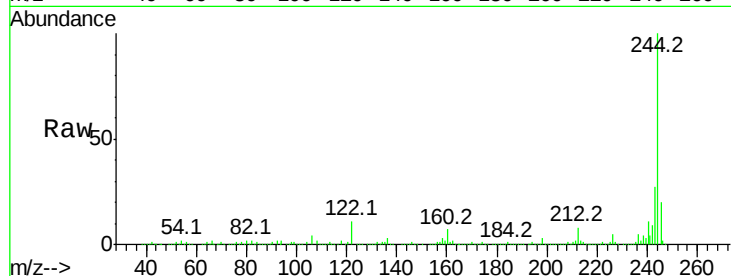




#78
 Terphenyl-d14
 Concen: 80.11 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

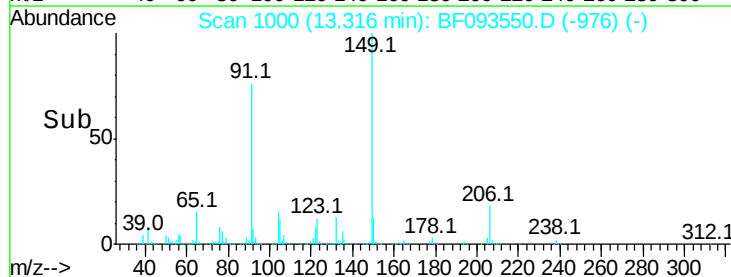
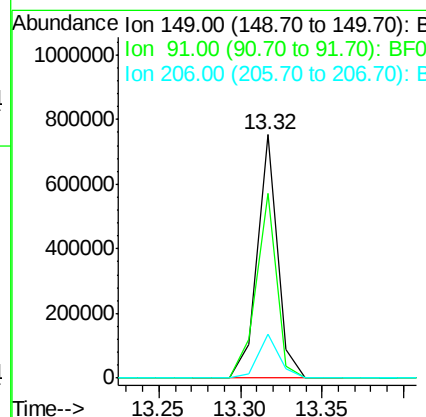
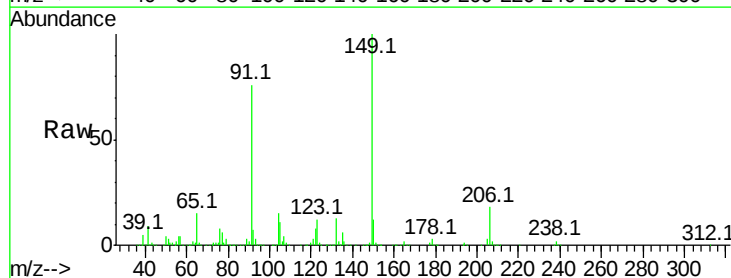
Instrument :
 BNA_F
 ClientSampleId :

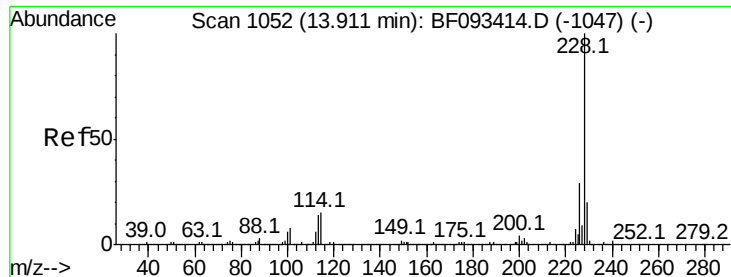
Tot Ion:244 Resp: 1521516
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.2 11.4 17.2#



#79
 Butylbenzylphthalate
 Concen: 43.18 ng
 RT: 13.32 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion:149 Resp: 652787
 Ion Ratio Lower Upper
 149 100
 91 75.7 63.9 95.9
 206 18.2 14.6 21.8





#80

Benzo(a)anthracene

Concen: 39.57 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

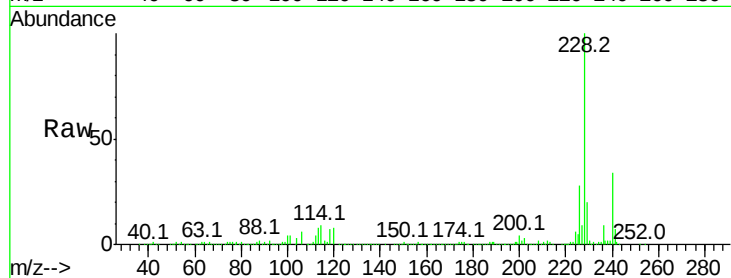
Tot Ion:228 Resp: 1153832

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

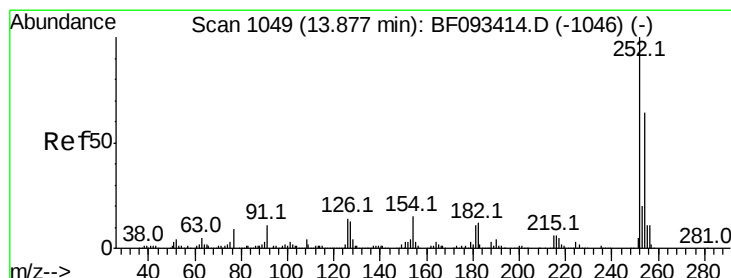
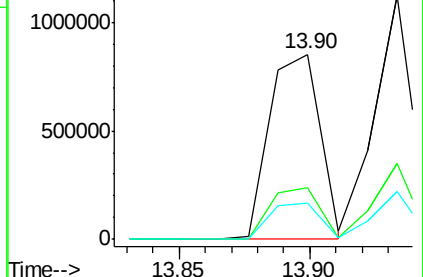
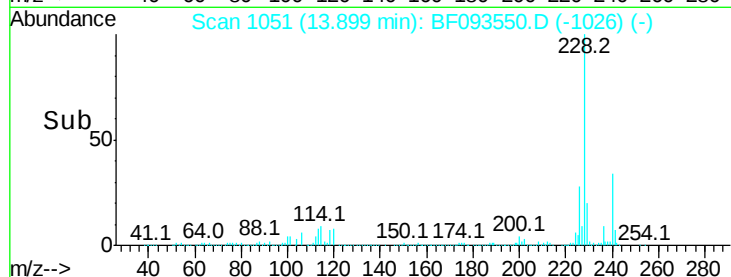
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 3.53 ng

RT: 13.87 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

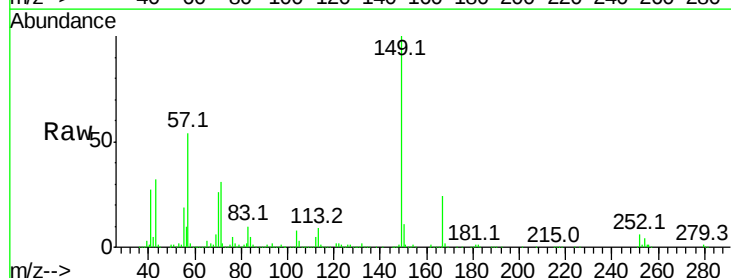
Tgt Ion:252 Resp: 36098

Ion Ratio Lower Upper

252 100

254 60.7 52.3 78.5

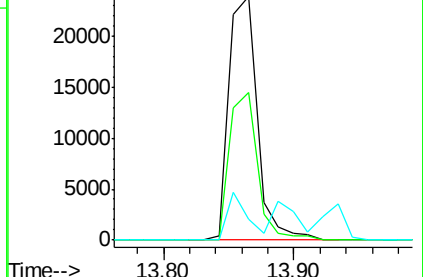
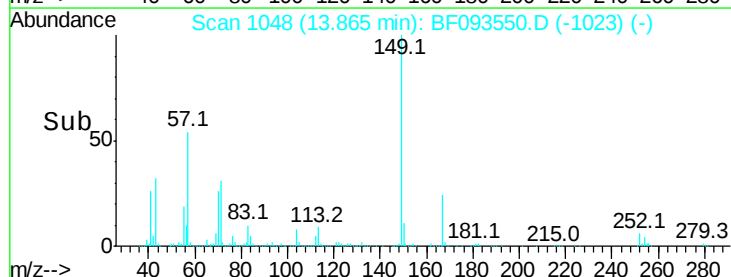
126 8.8 13.6 20.4#

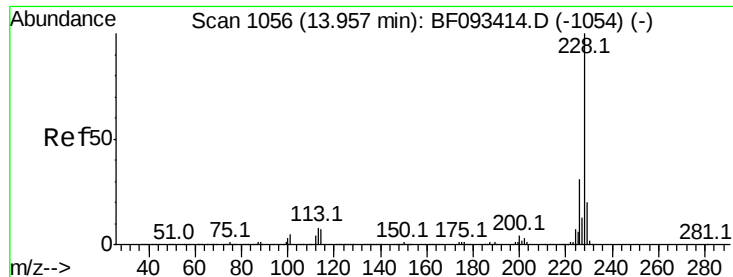


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.92 ng

RT: 13.93 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

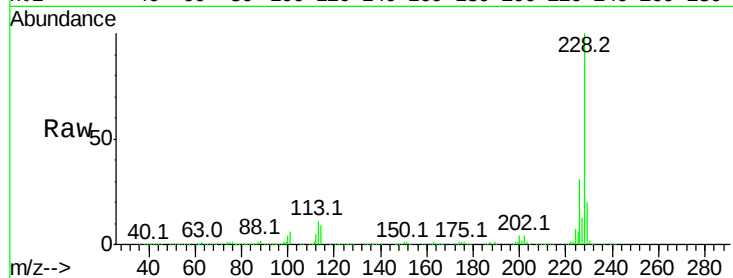
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1130879

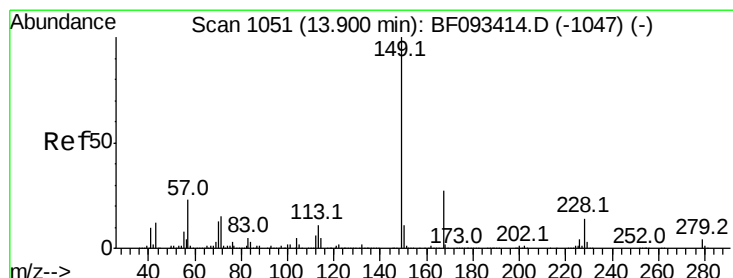
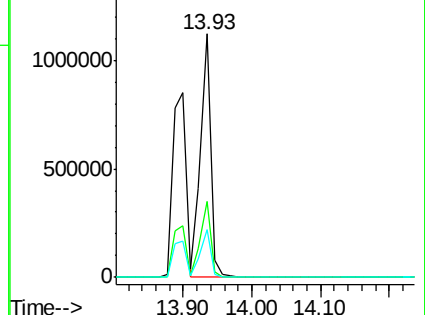
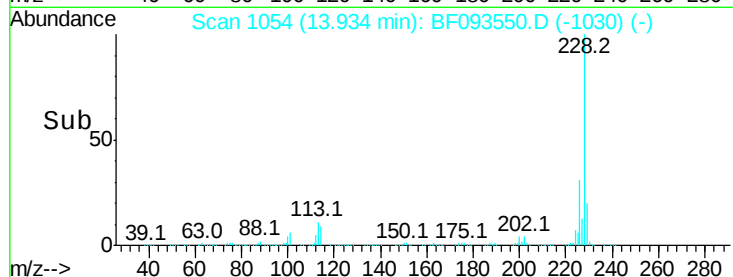
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	19.7	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.71 ng

RT: 13.88 min Scan# 1049

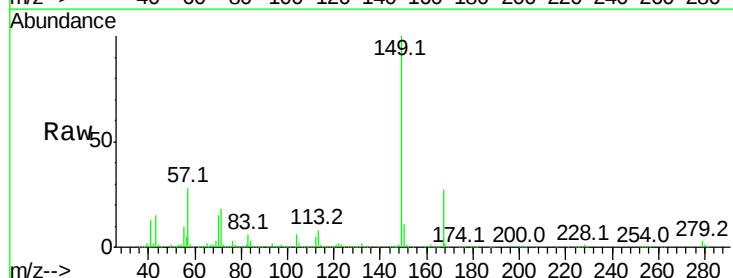
Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Tgt Ion:149 Resp: 963227

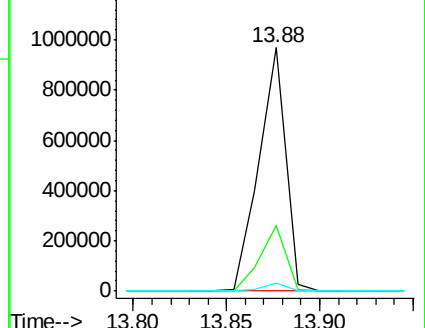
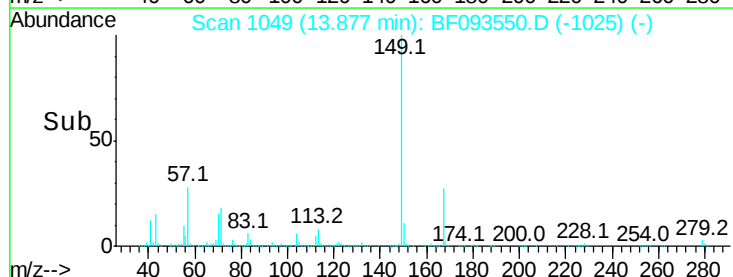
Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.2	30.4
279	3.2	1.8	2.8

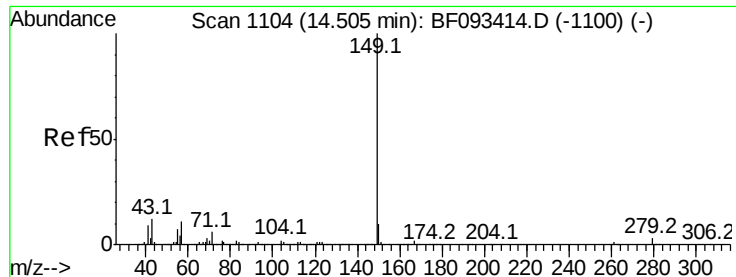


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 43.24 ng

RT: 14.48 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

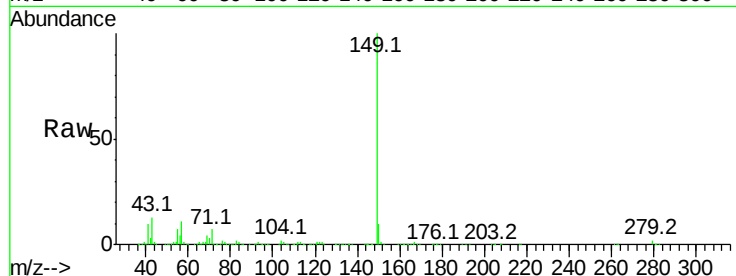
Tot Ion:149 Resp: 1518479

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

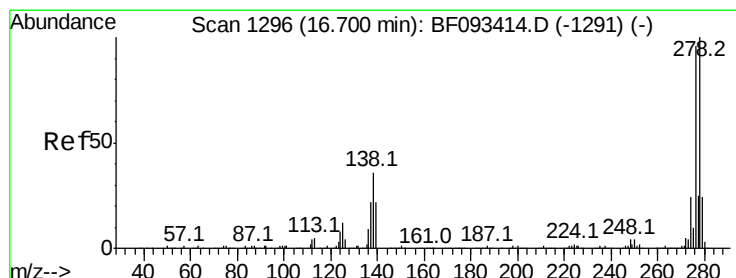
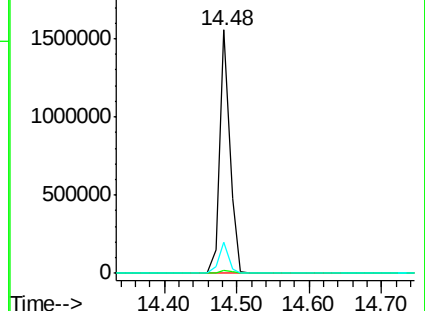
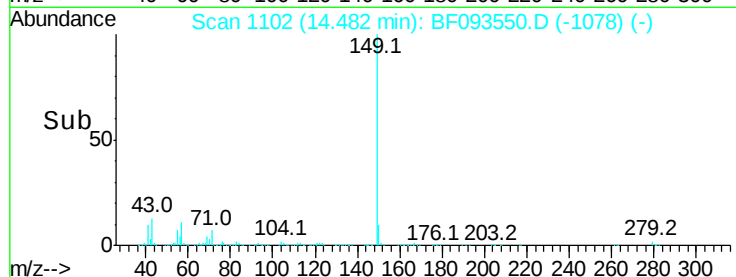
43 12.2 8.9 13.3



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: 38.92 ng

RT: 16.68 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

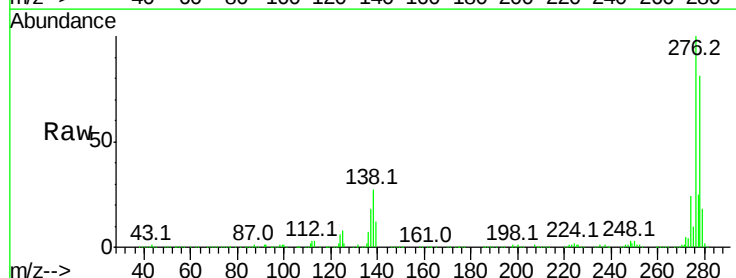
Tgt Ion:276 Resp: 879006

Ion Ratio Lower Upper

276 100

138 33.6 21.8 32.6#

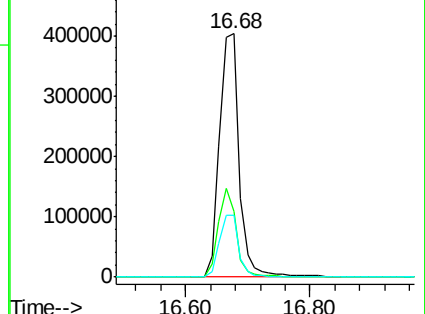
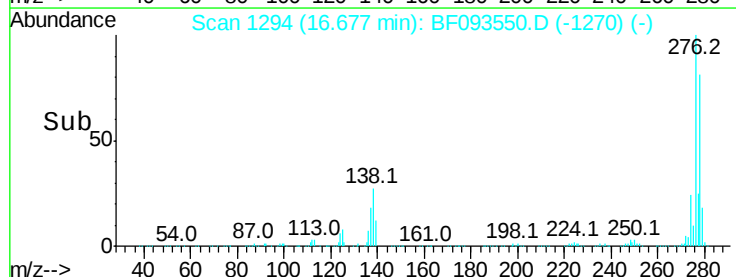
277 25.1 20.2 30.4

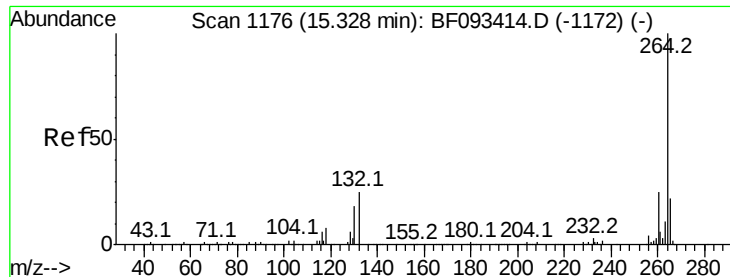


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

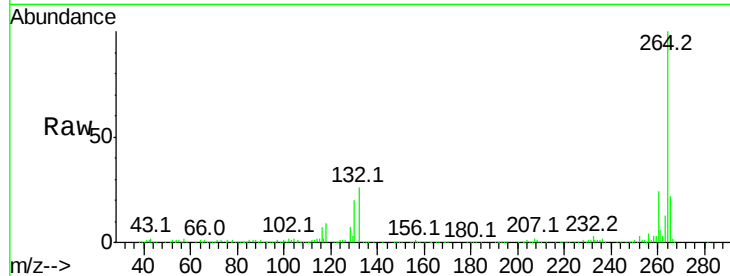




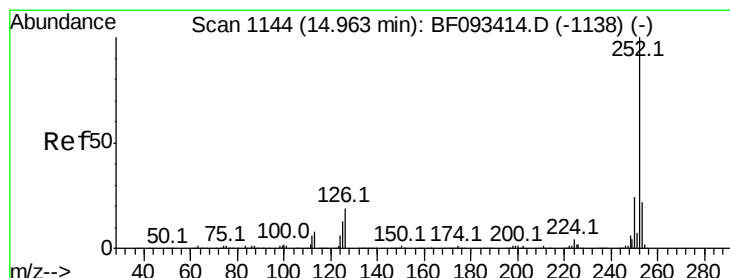
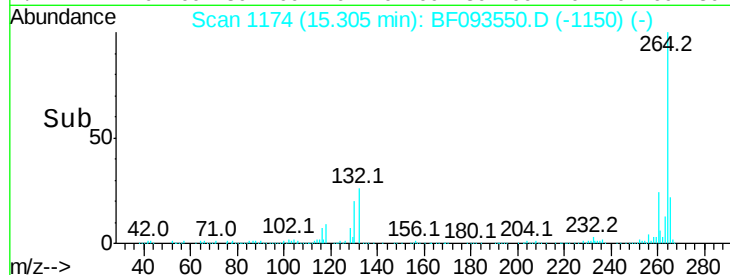
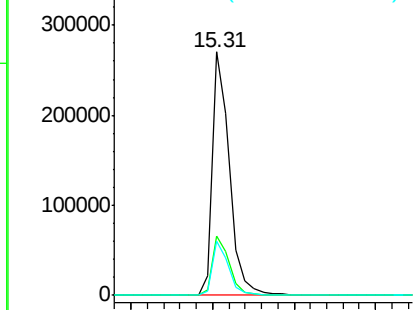
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 397241
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.2 17.4 26.0

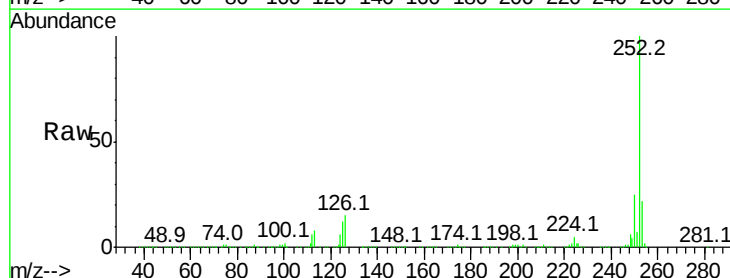


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

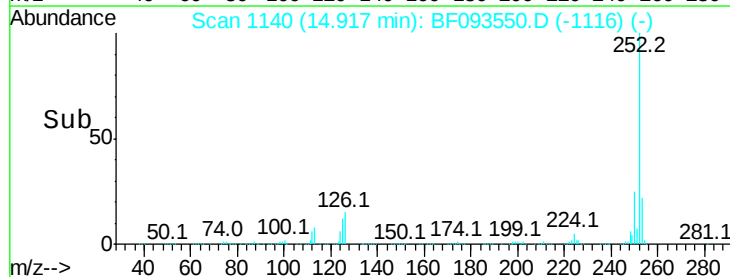
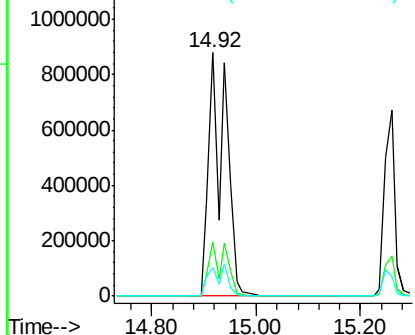


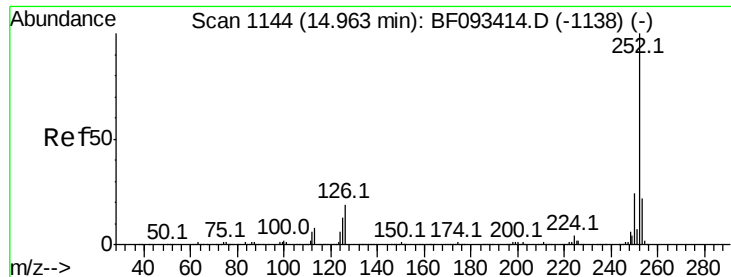
#87
Benzo(b)fluoranthene
Concen: 80.59 ng
RT: 14.92 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion:252 Resp: 1949846
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 11.7 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

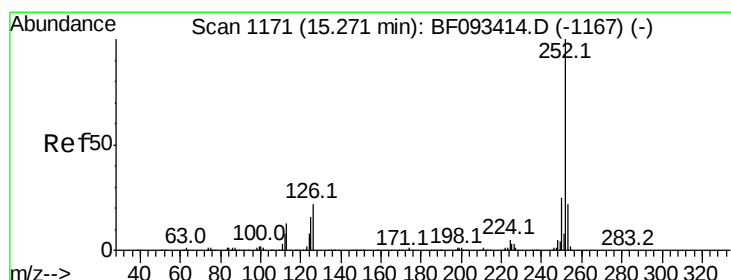
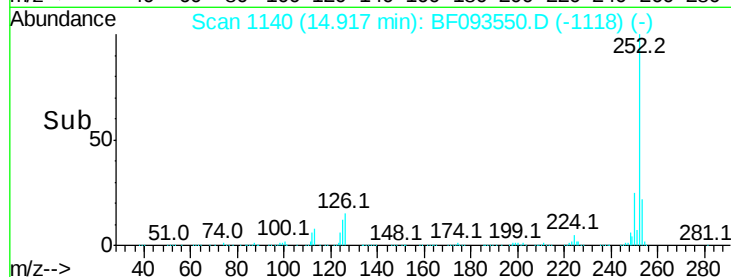
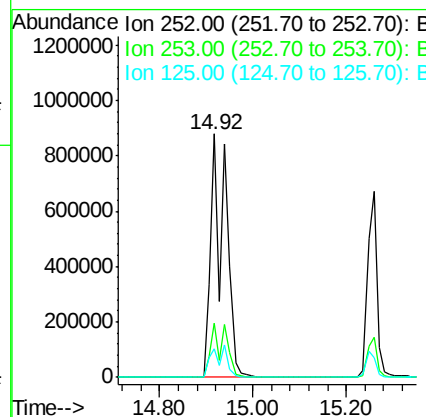
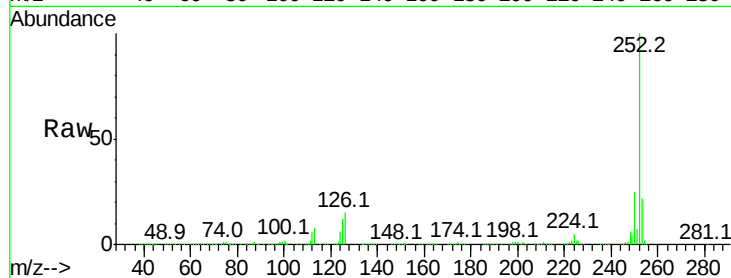




#88
Benzo(k)fluoranthene
Concen: 83.62 ng
RT: 14.92 min Scan# 1140
Delta R.T. -0.05 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

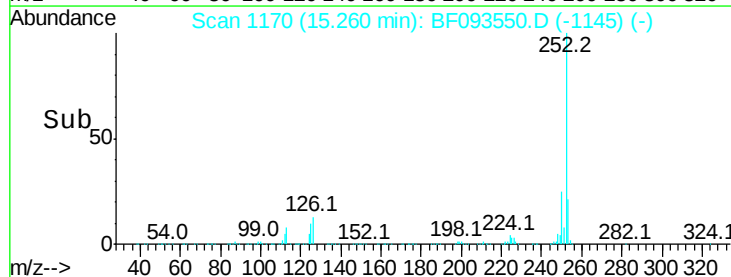
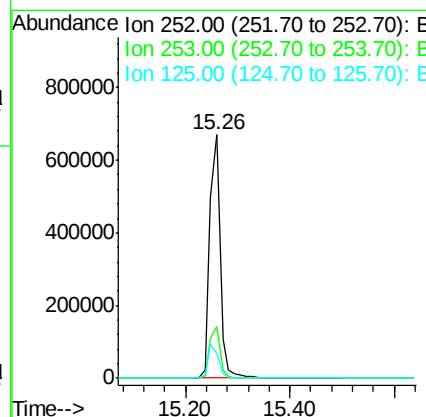
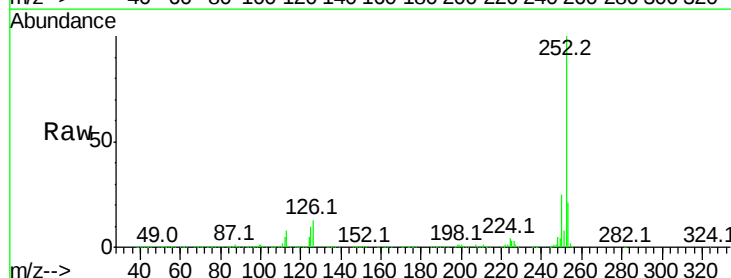
Instrument :
BNA_F
ClientSampleId :

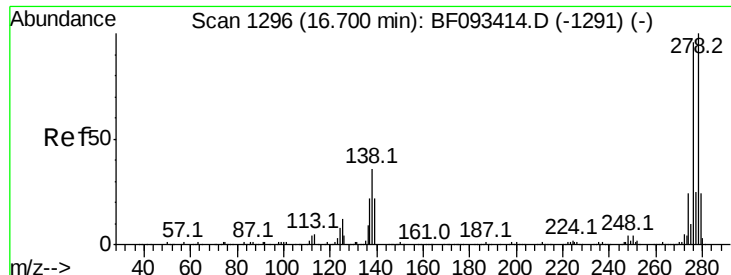
Tot Ion:252 Resp: 1951040
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 11.7 8.9 13.3



#89
Benzo(a)pyrene
Concen: 42.10 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion:252 Resp: 930969
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 10.3 10.0 15.0

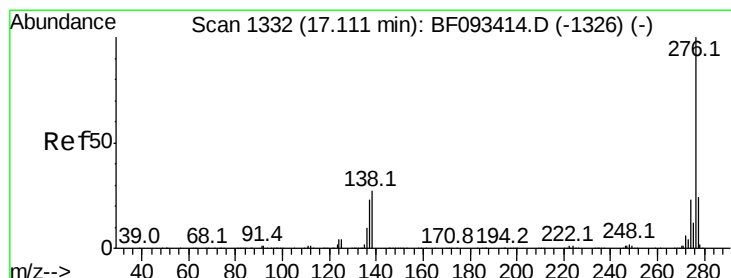
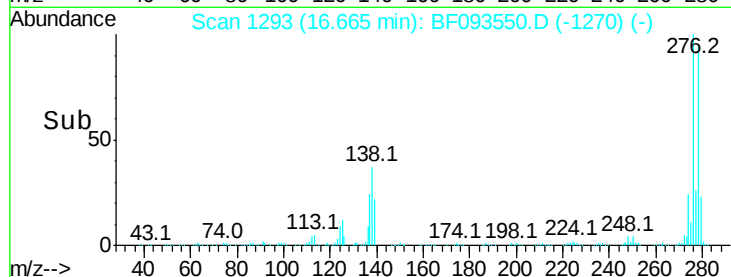
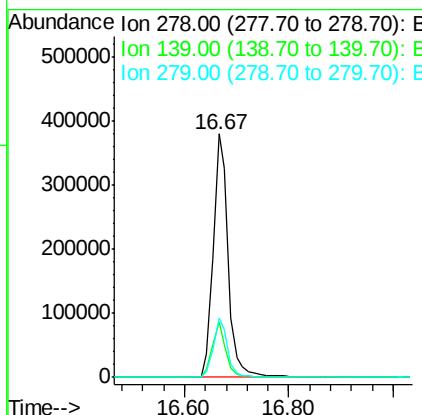
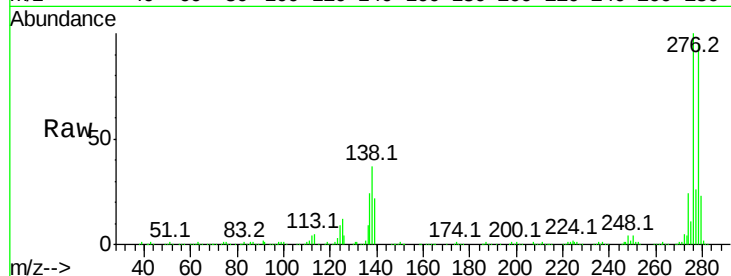




#90
Dibenzo(a,h)anthracene
Concen: 41.54 ng
RT: 16.67 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.9	14.8	22.2#
279	24.2	19.8	29.6



#91
Benzo(g,h,i)perylene
Concen: 40.16 ng
RT: 17.08 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	26.5	16.0	24.0#

