

Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093551.D
 Acq On : 11 Mar 2017 4:55
 Operator : SJ/MA
 Sample : PB97501BSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 11:42:41 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	6.89	152	517973	20.00	ng	0.13
21) Naphthalene-d8	8.02	136	696978	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	333730	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	599296	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	473551	20.00	ng	-0.02
86) Perylene-d12	15.31	264	375838	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	973329	31.27	ng	0.00
7) Phenol-d6	6.40	99	1186097	30.22	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1039626	82.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	209760	96.47	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1570576	87.54	ng	-0.03
78) Terphenyl-d14	12.85	244	1547309	84.95	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	185752	10.84	ng	# 83
3) Pyridine	2.97	79	616148	14.10	ng	88
4) n-Nitrosodimethylamine	2.95	42	286580	13.73	ng	80
6) Aniline	6.48	93	502663	9.33	ng	# 23
8) 2-Chlorophenol	6.54	128	489309	14.03	ng	96
10) Phenol	6.42	94	669113	13.91	ng	# 74
11) bis(2-Chloroethyl)ether	6.48	93	502663	12.93	ng	96
12) 1,3-Dichlorobenzene	6.76	146	544744	13.65	ng	# 92
13) 1,4-Dichlorobenzene	6.90	146	464839	11.38	ng	98
14) 1,2-Dichlorobenzene	6.90	146	464839	12.85	ng	97
15) Benzyl Alcohol	6.90	79	365603	13.07	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	832780	12.90	ng	# 39
17) 2-Methylphenol	7.19	107	557826	18.91	ng	# 74
18) Hexachloroethane	7.25	117	188612	13.69	ng	95
19) n-Nitroso-di-n-propylamine	7.17	70	400511	14.84	ng	99
20) 3+4-Methylphenols	7.19	107	557826	14.58	ng	# 71
22) Acetophenone	7.17	105	693849	41.37	ng	# 91
24) Nitrobenzene	7.34	77	575143	40.74	ng	93
25) Isophorone	7.57	82	1002875	39.59	ng	# 91
26) 2-Nitrophenol	7.66	139	262288	40.72	ng	# 86
27) 2,4-Dimethylphenol	7.70	122	440282	42.02	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	636273	39.79	ng	99
29) 2,4-Dichlorophenol	7.91	162	414632	42.06	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	405324	38.66	ng	94
31) Naphthalene	8.05	128	1351805	38.70	ng	99
32) Benzoic acid	7.86	122	198828	36.52	ng	95
33) 4-Chloroaniline	8.13	127	54654	3.86	ng	94
34) Hexachlorobutadiene	8.16	225	222434	41.19	ng	99
35) Caprolactam	8.49	113	97665	29.01	ng	# 56
36) 4-Chloro-3-methylphenol	8.62	107	447335	42.52	ng	100
37) 2-Methylnaphthalene	8.74	142	901163	40.55	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	385741	42.33	ng	98
40) Hexachlorocyclopentadiene	8.88	237	193635	83.57	ng	95
42) 2,4,6-Trichlorophenol	9.03	196	264333	46.43	ng	91

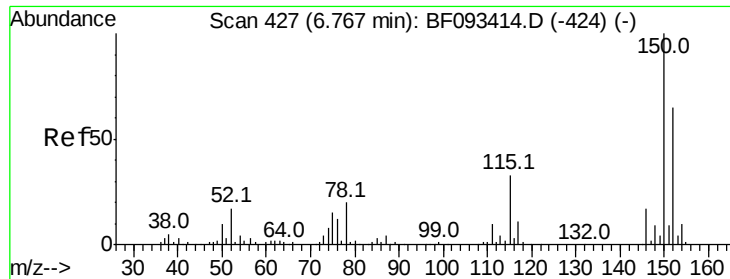
Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.09	196	250795	41.05	nq	92
45) 1,1'-Biphenyl	9.20	154	1050785	43.22	nq	97
46) 2-Chloronaphthalene	9.22	162	832628	44.74	nq	94
47) 2-Nitroaniline	9.34	65	294874	44.82	nq	88
48) Acenaphthylene	9.64	152	1243411	40.51	nq	99
49) Dimethylphthalate	9.51	163	1002874	45.33	nq	99
50) 2,6-Dinitrotoluene	9.58	165	201352	41.47	nq	# 54
51) Acenaphthene	9.81	154	742972	40.94	nq	97
52) 3-Nitroaniline	9.76	138	28816	4.94	nq	# 84
53) 2,4-Dinitrophenol	9.89	184	77823	35.20	nq	# 72
54) Dibenzofuran	9.98	168	1143173	50.33	nq	94
55) 4-Nitrophenol	9.98	139	697325	246.15	nq	# 16
56) 2,4-Dinitrotoluene	9.99	165	270348	45.33	nq	# 67
57) Fluorene	10.33	166	870505	45.22	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	221925	51.47	nq	97
59) Diethylphthalate	10.21	149	1005796	47.57	nq	97
60) 4-Chlorophenyl-phenylether	10.32	204	421752	48.88	nq	# 77
61) 4-Nitroaniline	10.38	138	185404	31.08	nq	91
62) Azobenzene	10.48	77	1197856	49.85	nq	92
64) 4,6-Dinitro-2-methylphenol	10.41	198	118944	30.63	nq	80
65) n-Nitrosodiphenylamine	10.45	169	695275	34.74	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	235959	37.23	nq	# 91
67) Hexachlorobenzene	10.88	284	240312	39.71	nq	# 88
68) Atrazine	10.97	200	150576	25.71	nq	97
69) Pentachlorophenol	11.09	266	100419	48.06	nq	98
70) Phenanthrene	11.29	178	1333447	38.98	nq	97
71) Anthracene	11.34	178	1343276	38.82	nq	99
72) Carbazole	11.50	167	1023576	31.49	nq	99
73) Di-n-butylphthalate	11.82	149	1534919	40.81	nq	98
74) Fluoranthene	12.47	202	1348773	40.82	nq	96
77) Pyrene	12.70	202	1326665	38.52	nq	100
79) Butylbenzylphthalate	13.32	149	658502	45.42	nq	94
80) Benzo(a)anthracene	13.89	228	1141982	40.84	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	38208	3.90	nq	# 96
82) Chrysene	13.93	228	1115443	43.11	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	989992	48.99	nq	# 96
84) Di-n-octyl phthalate	14.48	149	1493919	44.36	nq	96
85) Indeno(1,2,3-cd)pyrene	16.67	276	865289	39.95	nq	# 93
87) Benzo(b)fluoranthene	14.92	252	1935010	84.54	nq	99
88) Benzo(k)fluoranthene	14.92	252	1935010	87.66	nq	99
89) Benzo(a)pyrene	15.25	252	906470	43.33	nq	# 95
90) Dibenzo(a,h)anthracene	16.67	278	744128	43.00	nq	# 95
91) Benzo(g,h,i)perylene	17.08	276	723029	40.70	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 438

Delta R.T. 0.13 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampled :

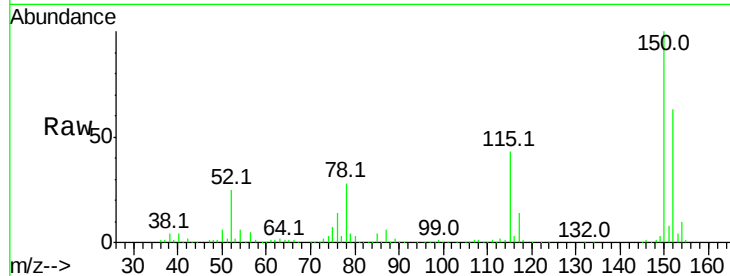
Tot Ion:152 Resp: 517973

Ion Ratio Lower Upper

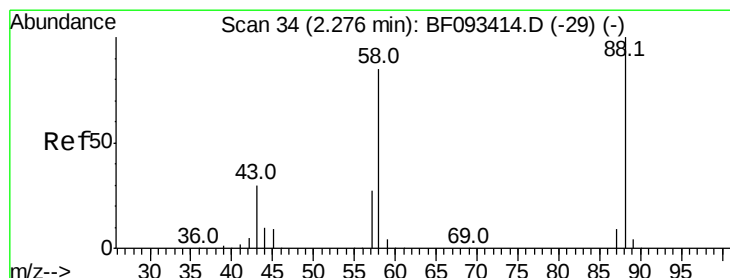
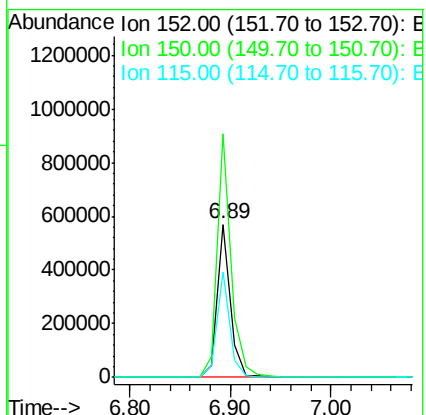
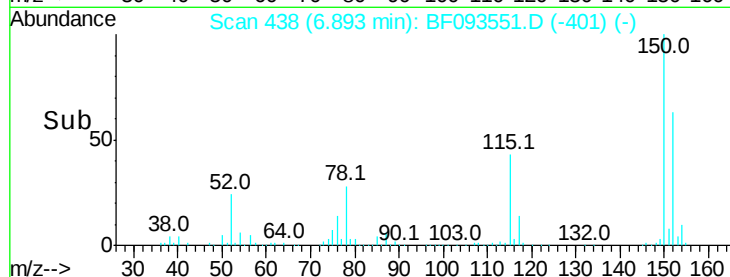
152 100

150 158.9 124.9 187.3

115 68.5 46.0 69.0



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



#2

1,4-Dioxane

Concen: 10.84 ng

RT: 2.30 min Scan# 36

Delta R.T. 0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

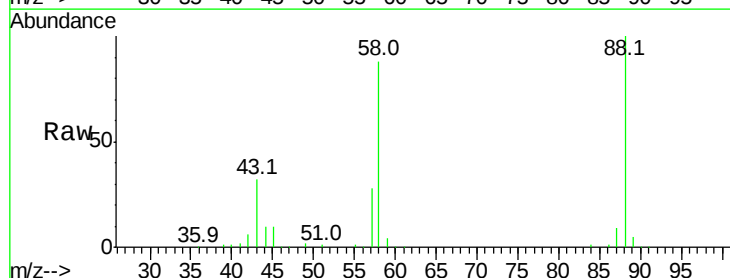
Tgt Ion: 88 Resp: 185752

Ion Ratio Lower Upper

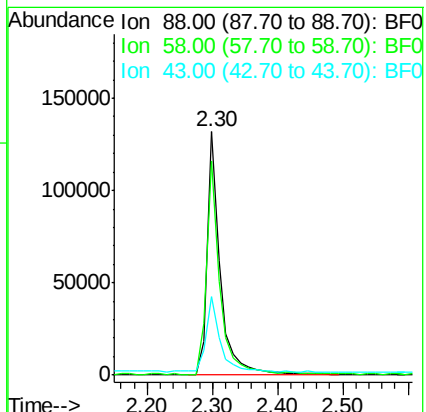
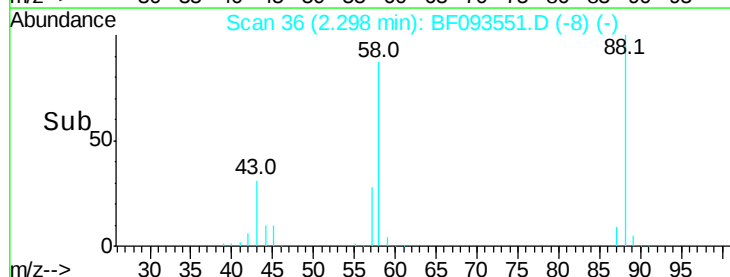
88 100

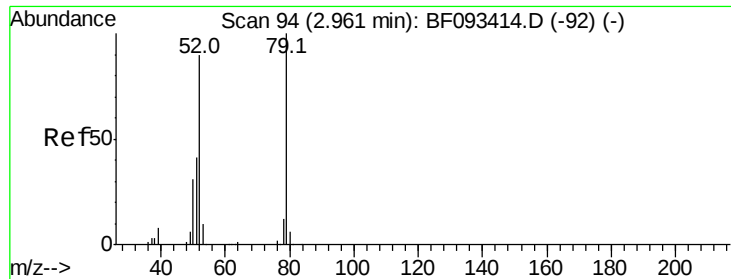
58 88.5 57.8 86.8#

43 34.2 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

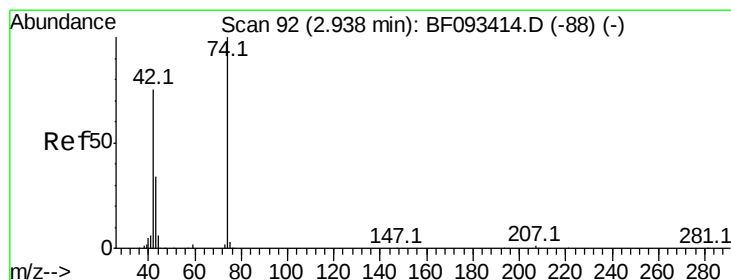
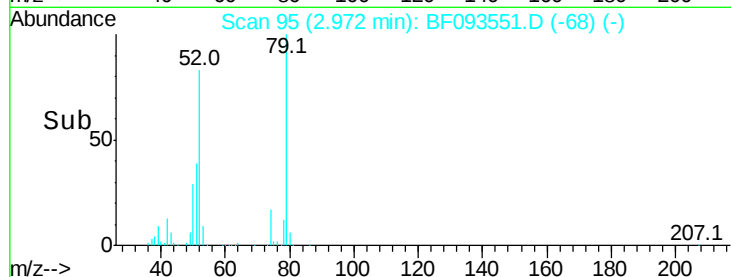
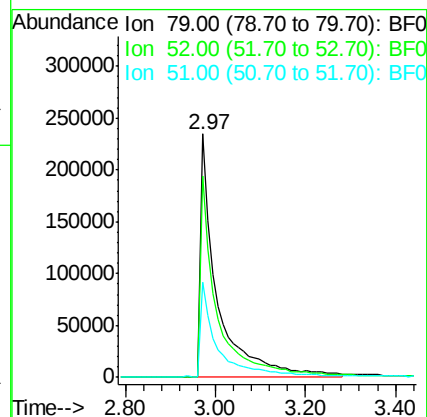
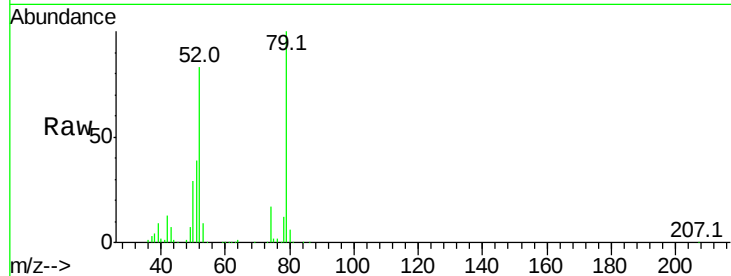




#3
 Pvridine
 Concen: 14.10 ng
 RT: 2.97 min Scan# 95
 Delta R.T. 0.01 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

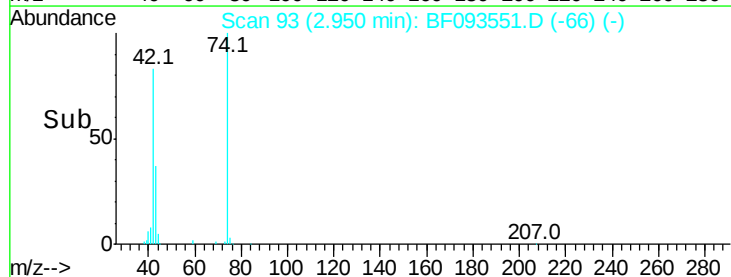
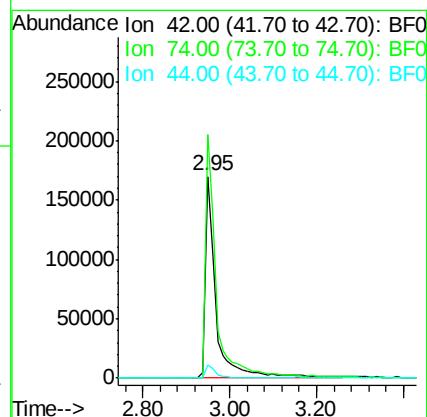
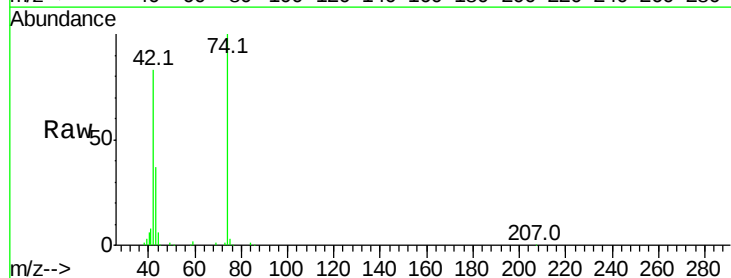
Instrument :
 BNA_F
 ClientSampleId :

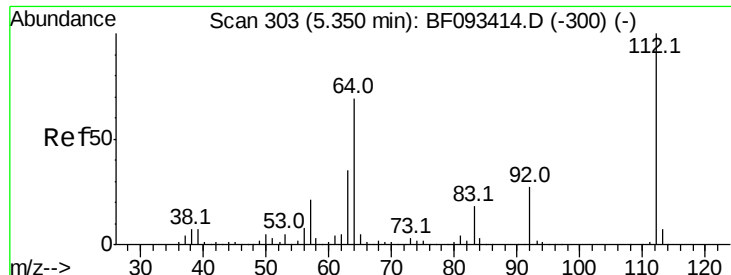
Tot Ion: 79 Resp: 616148
 Ion Ratio Lower Upper
 79 100
 52 82.5 57.1 85.7
 51 39.1 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 13.73 ng
 RT: 2.95 min Scan# 93
 Delta R.T. 0.01 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Tgt Ion: 42 Resp: 286580
 Ion Ratio Lower Upper
 42 100
 74 120.7 117.0 175.4
 44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 31.27 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampled :

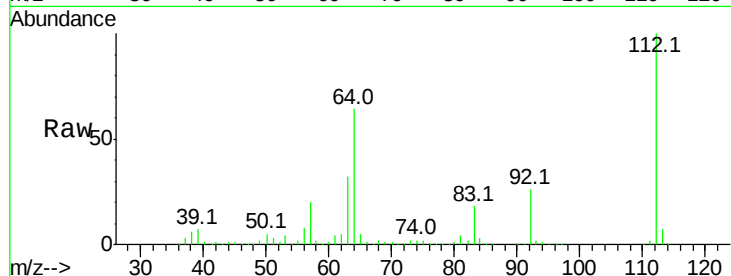
Tot Ion:112 Resp: 973329

Ion Ratio Lower Upper

112 100

64 64.2 46.1 69.1

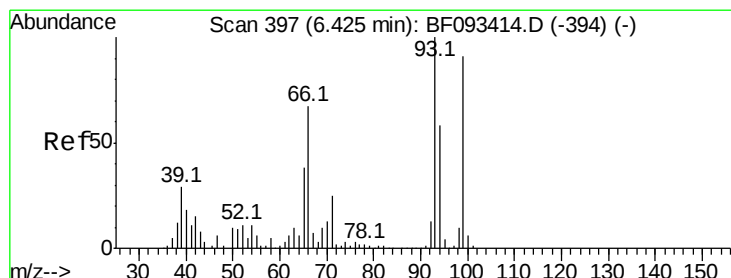
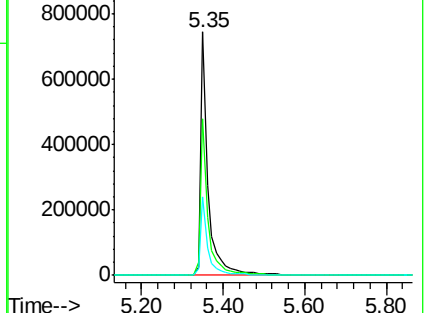
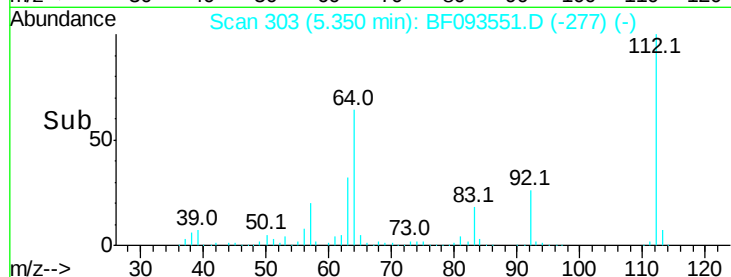
63 32.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.33 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.06 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

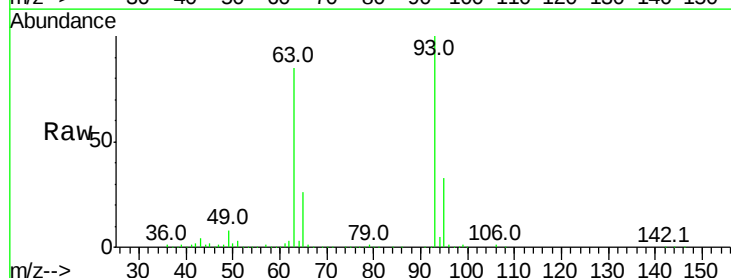
Tgt Ion: 93 Resp: 502663

Ion Ratio Lower Upper

93 100

66 1.3 76.2 114.2#

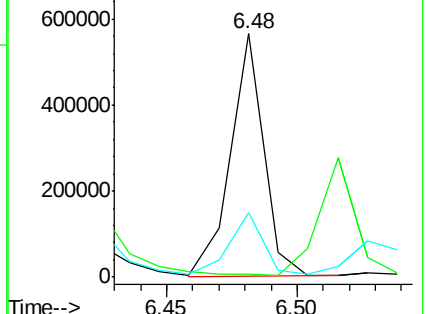
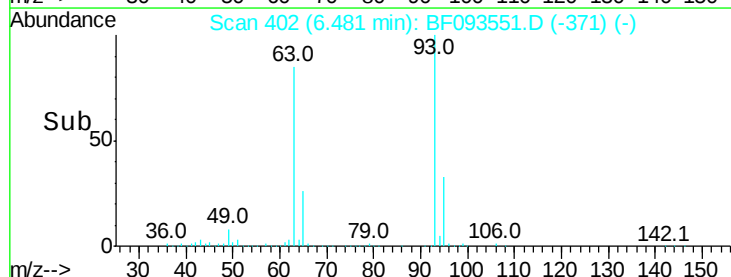
65 26.4 49.3 73.9#

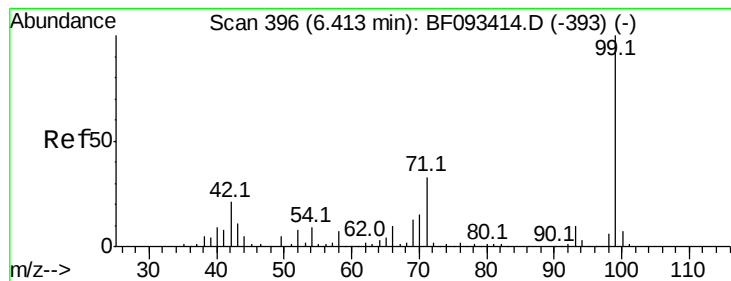


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 30.22 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

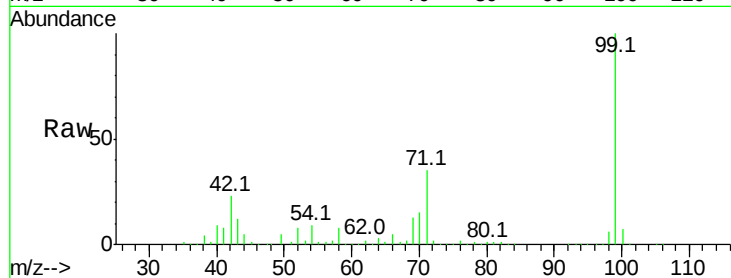
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1186097

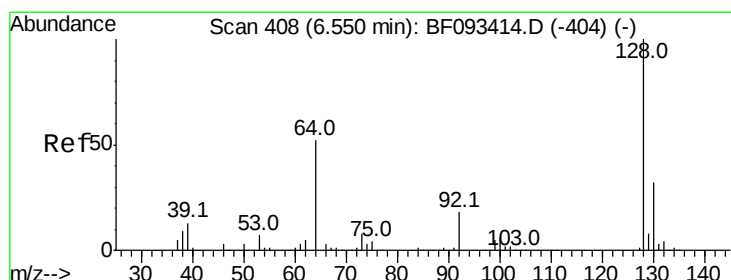
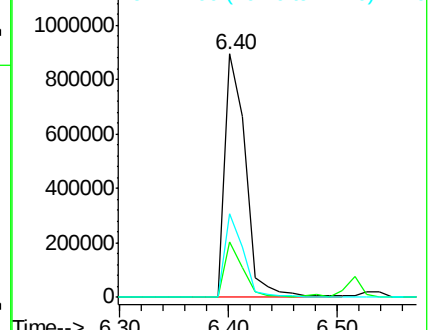
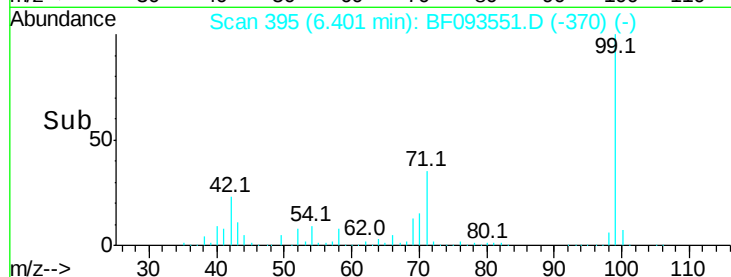
Ion	Ratio	Lower	Upper
99	100		
42	22.7	15.6	23.4
71	34.6	27.5	41.3



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: 14.03 ng

RT: 6.54 min Scan# 407

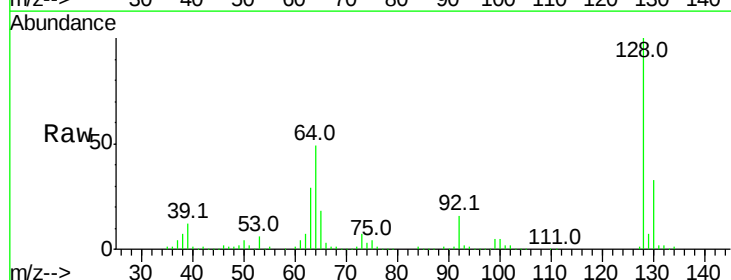
Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Tgt Ion: 128 Resp: 489309

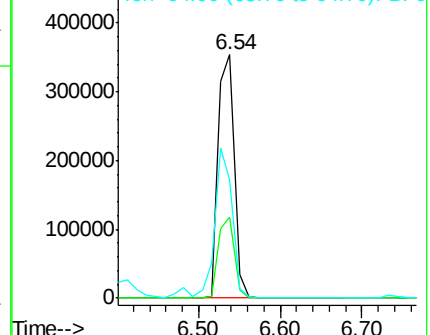
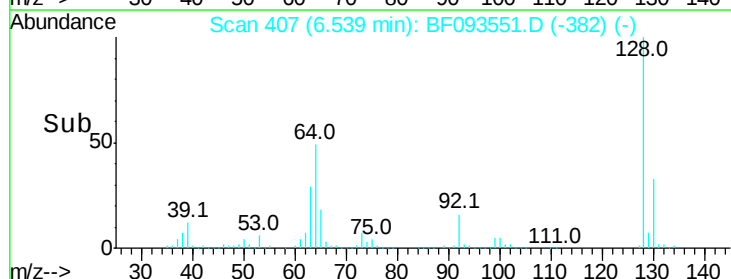
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	48.8	32.2	72.2

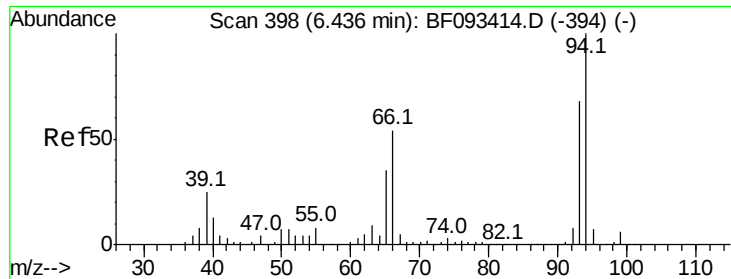


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 13.91 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampled :

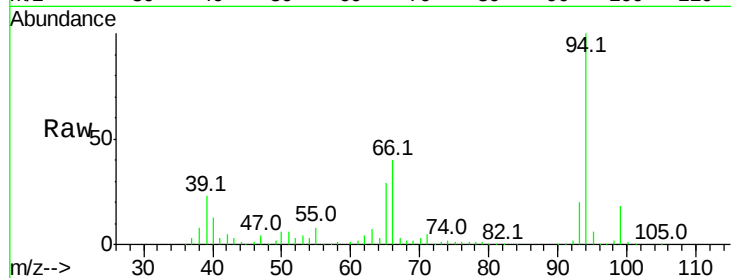
Tot Ion: 94 Resp: 669113

Ion Ratio Lower Upper

94 100

65 28.5 21.4 61.4

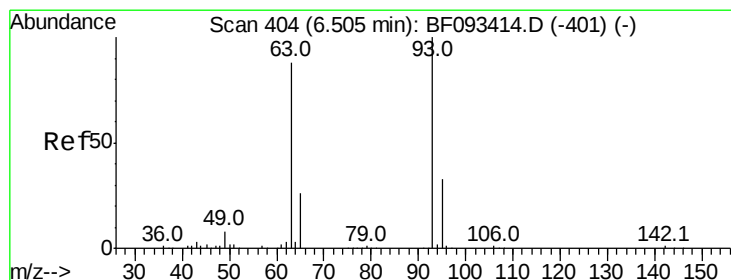
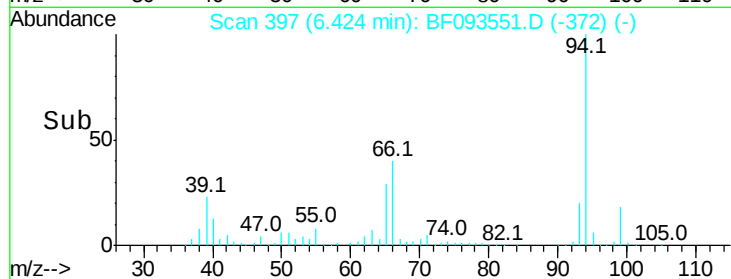
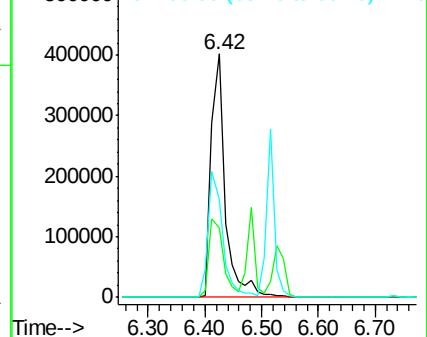
66 40.3 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 12.93 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

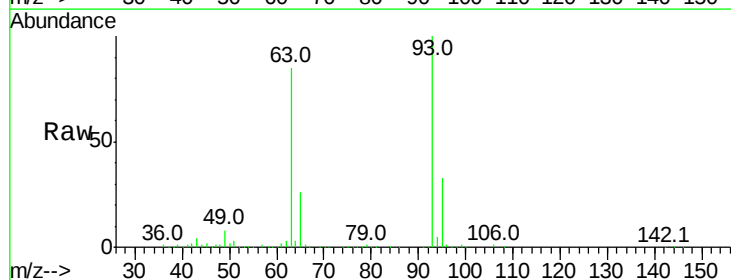
Tgt Ion: 93 Resp: 502663

Ion Ratio Lower Upper

93 100

63 85.3 60.4 100.4

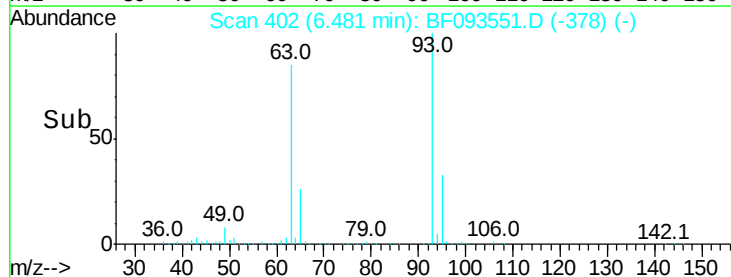
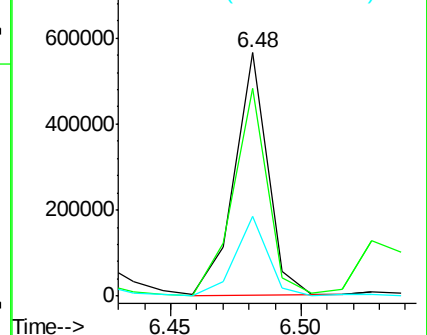
95 33.0 12.8 52.8

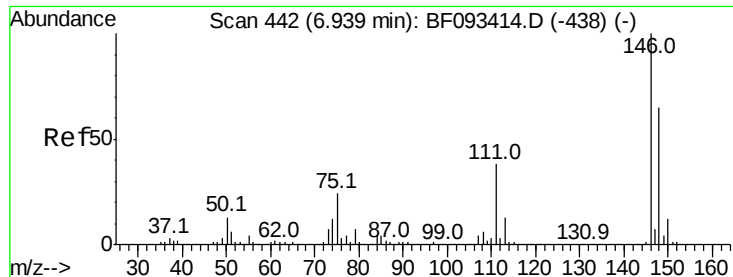


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 13.65 ng

RT: 6.76 min Scan# 426

Delta R.T. 0.06 min

Lab File: BF093551.D

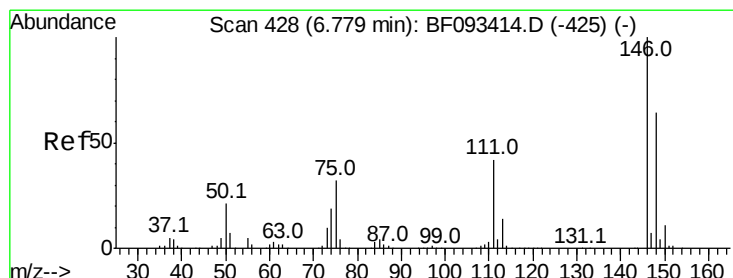
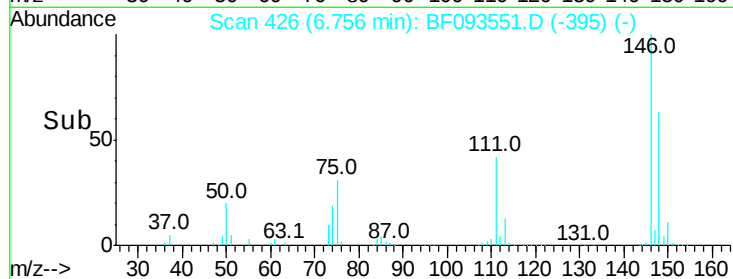
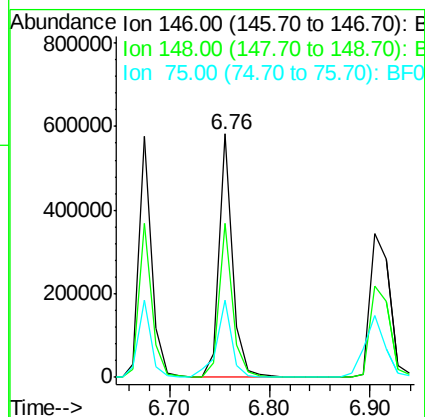
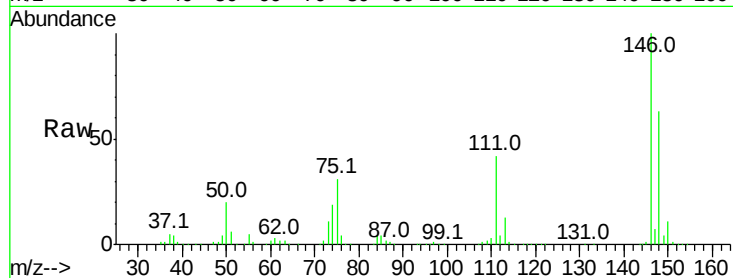
Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:	146	Resp:	544744
Ion	Ratio	Lower	Upper
146	100		
148	63.3	53.4	80.0
75	31.5	18.5	27.7#



#13

1,4-Dichlorobenzene

Concen: 11.38 ng

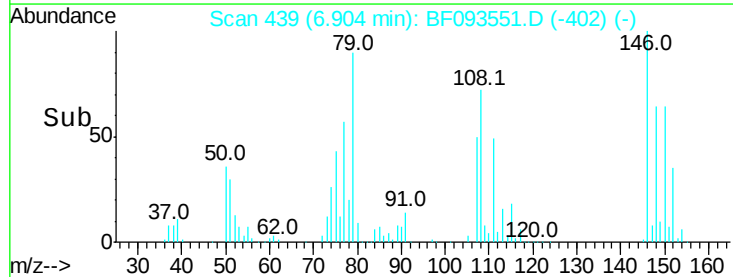
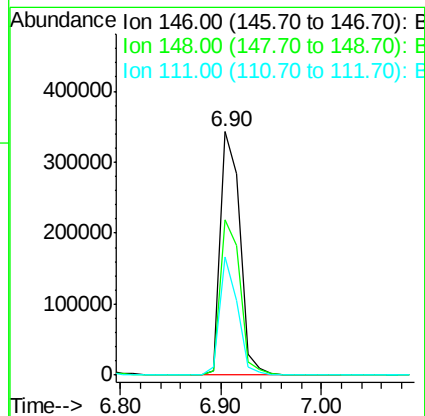
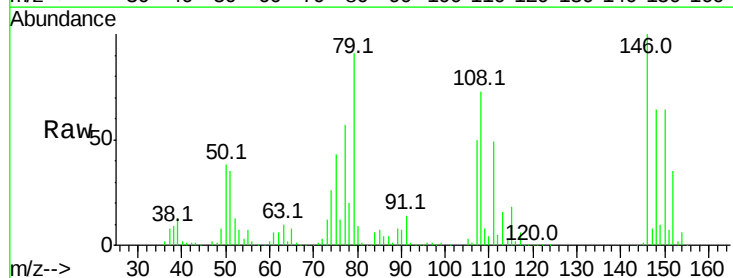
RT: 6.90 min Scan# 439

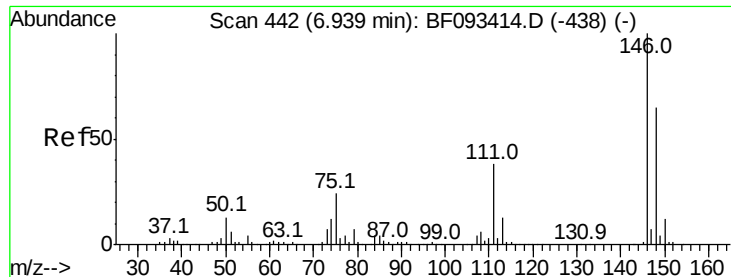
Delta R.T. 0.13 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Tgt Ion:	146	Resp:	464839
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
111	48.5	36.2	54.4





#14

1,2-Dichlorobenzene

Concen: 12.85 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

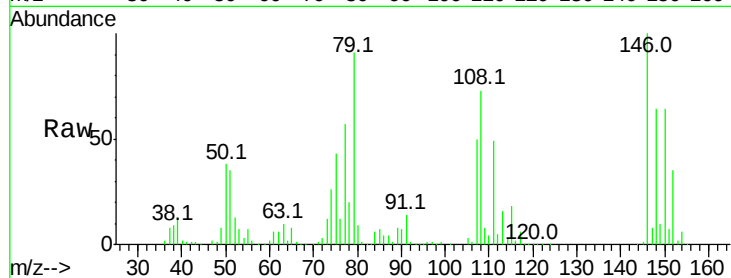
Tot Ion:146 Resp: 464839

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

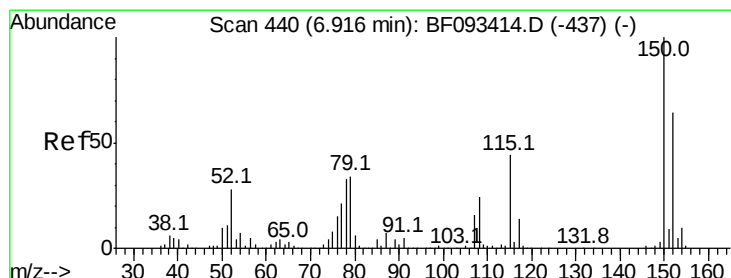
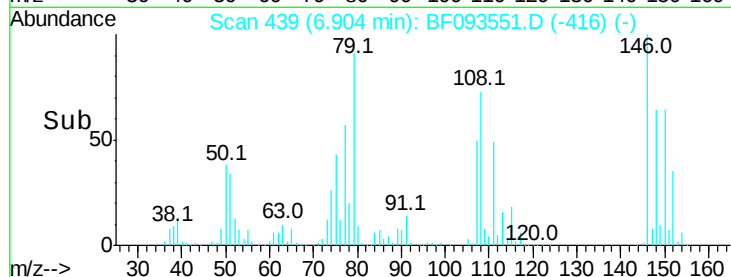
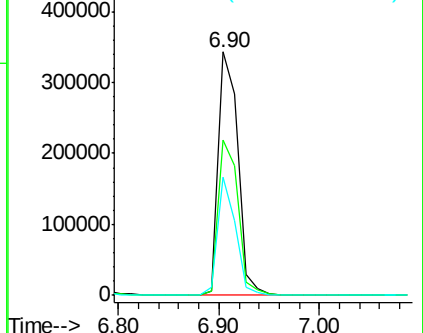
111 48.5 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 13.07 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

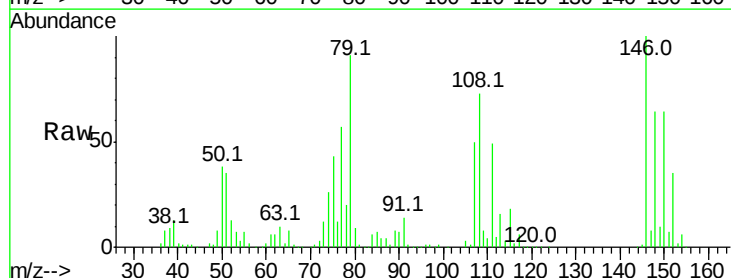
Tgt Ion: 79 Resp: 365603

Ion Ratio Lower Upper

79 100

108 79.8 61.4 92.0

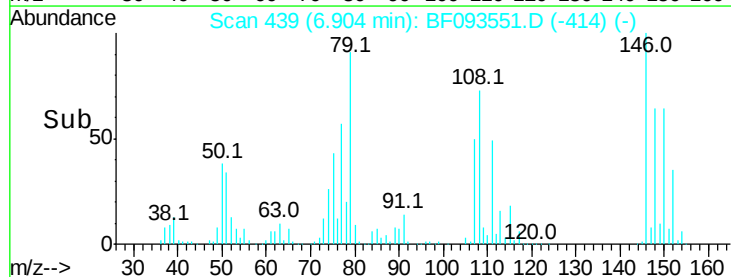
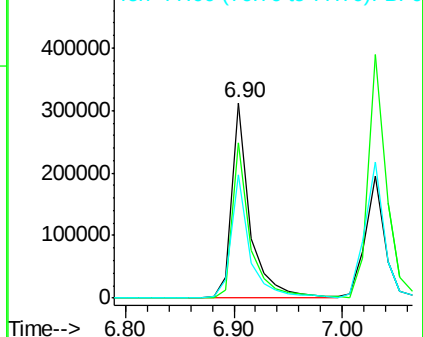
77 63.0 50.9 76.3

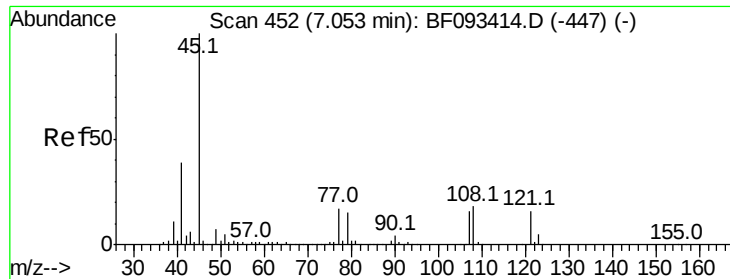


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

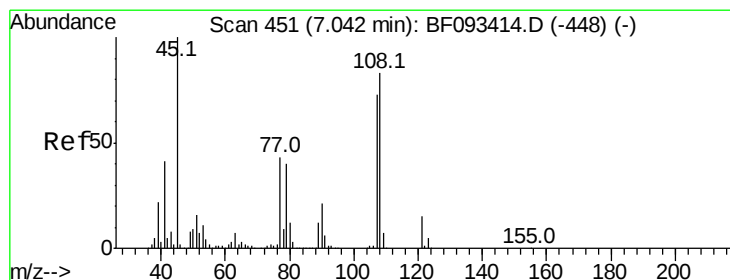
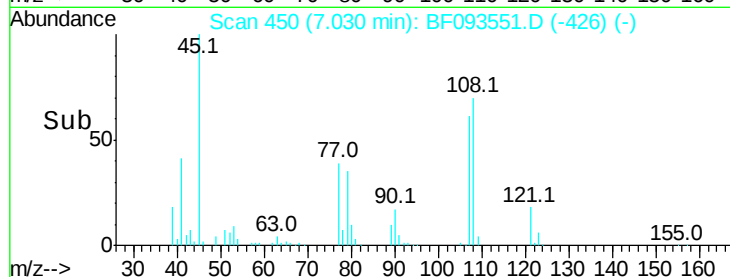
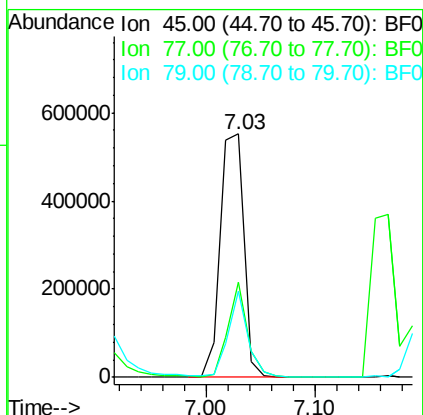
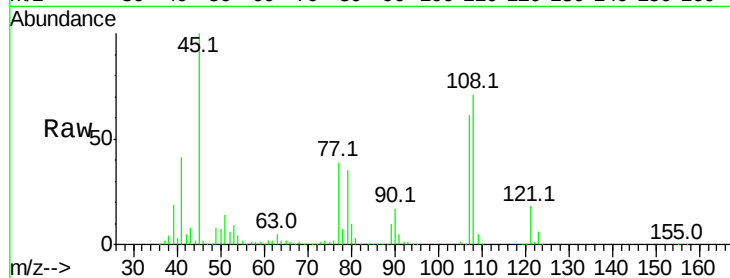




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 12.90 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

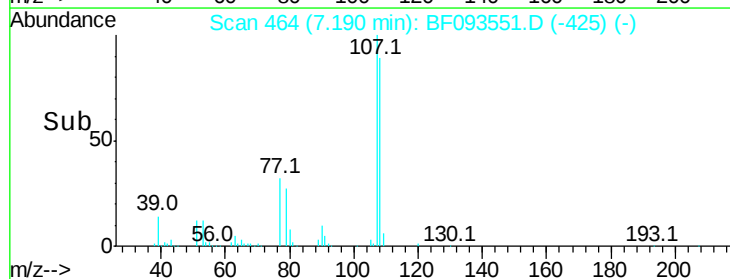
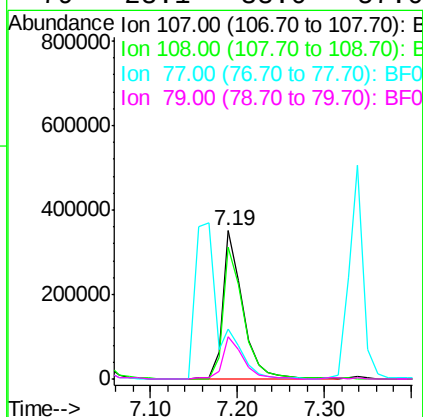
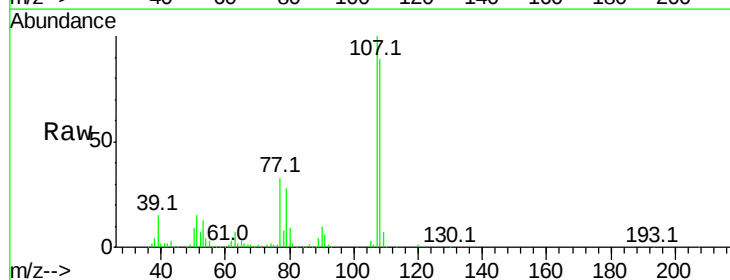
Instrument :
BNA_F
ClientSampleId :

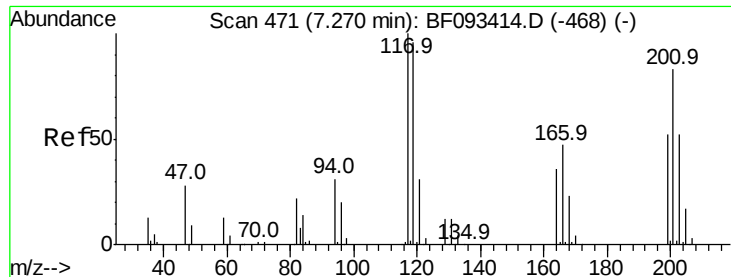
Tot Ion: 45 Resp: 832780
Ion Ratio Lower Upper
45 100
77 39.2 0.0 34.6#
79 35.3 0.0 31.2#



#17
2-Methylphenol
Concen: 18.91 ng
RT: 7.19 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion:107 Resp: 557826
Ion Ratio Lower Upper
107 100
108 88.9 93.0 139.6#
77 33.3 39.8 59.8#
79 28.1 38.0 57.0#

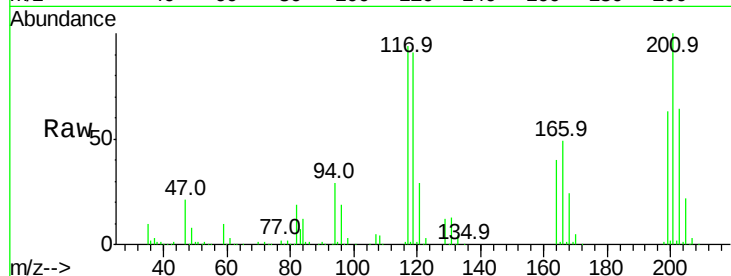




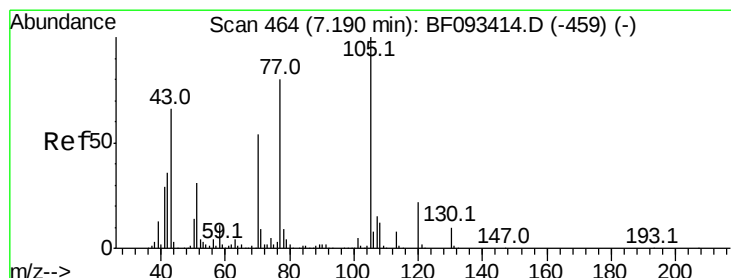
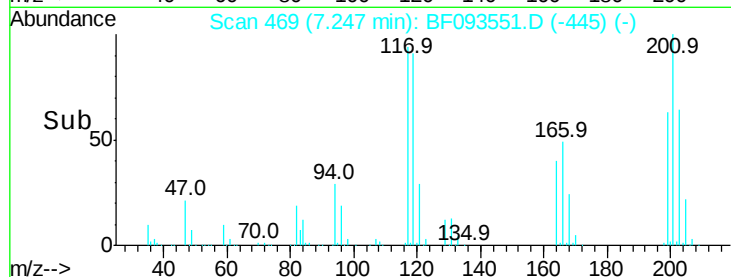
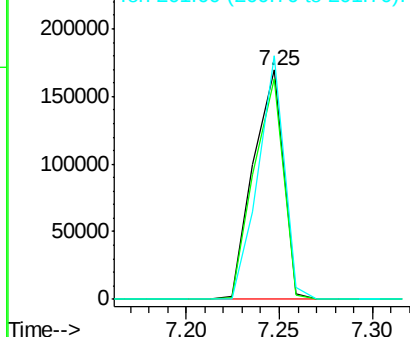
#18
Hexachloroethane
Concen: 13.69 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 188612
Ion Ratio Lower Upper
117 100
119 96.4 78.1 117.1
201 106.3 78.6 117.8

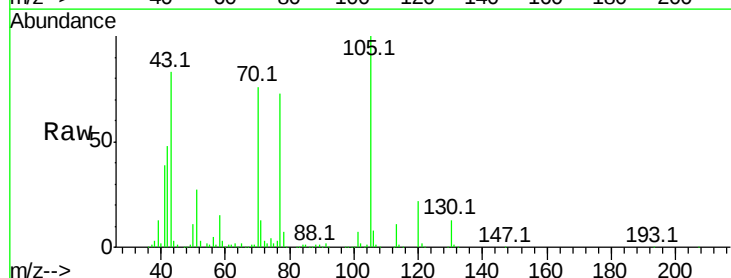


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

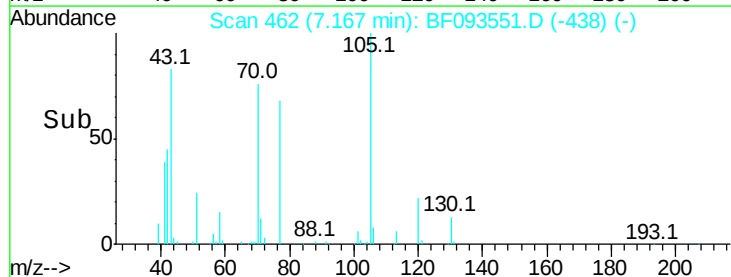
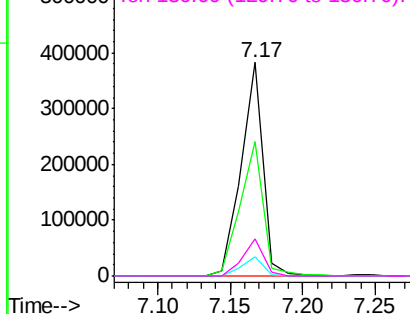


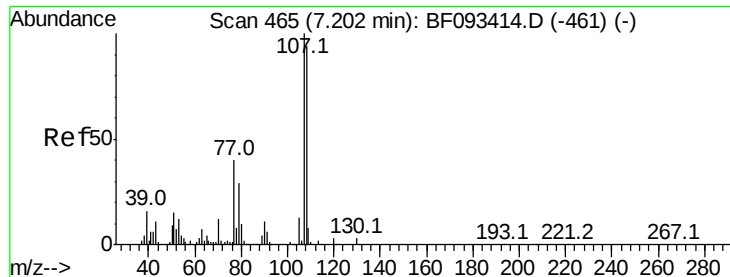
#19
n-Nitroso-di-n-propylamine
Concen: 14.84 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion: 70 Resp: 400511
Ion Ratio Lower Upper
70 100
42 63.0 49.4 74.0
101 9.1 7.4 11.2
130 17.5 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: 14.58 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF093551.D

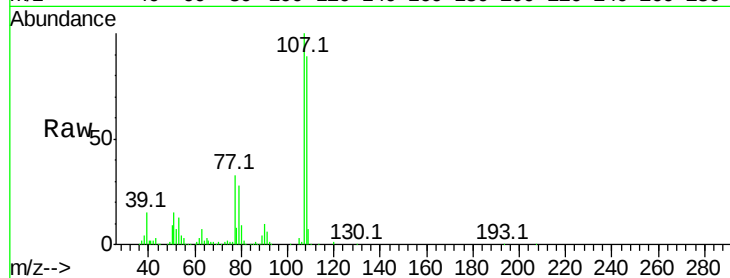
Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	557826
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.0	113.0
77	33.3	71.3	111.3#
79	28.1	11.1	51.1

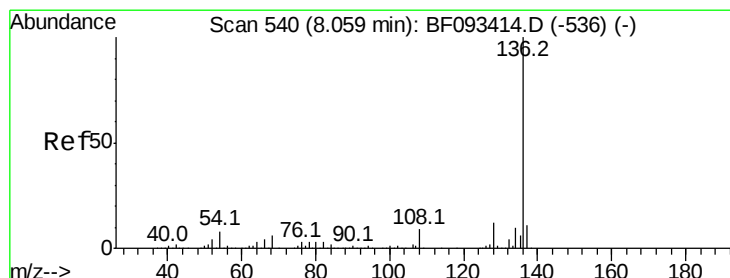
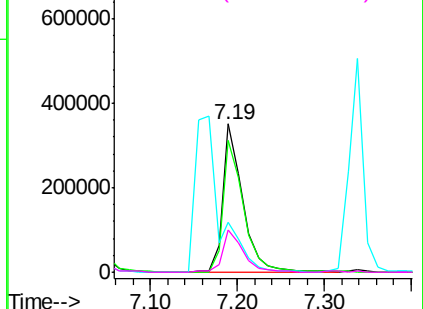
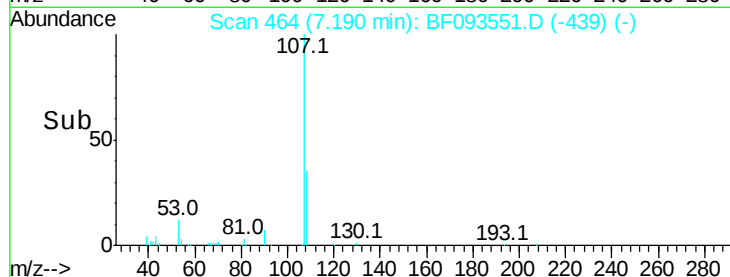


Abundance Ion 107.00 (106.70 to 107.70): E

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

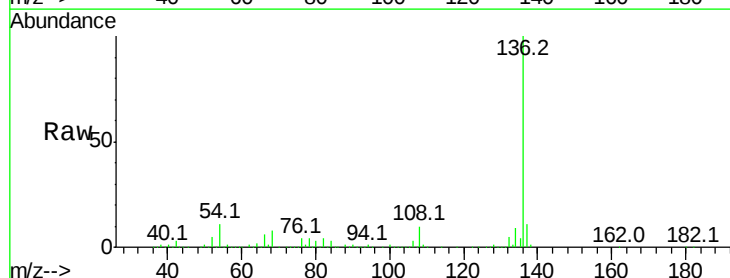
RT: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Tgt Ion:	136	Resp:	696978
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.8	4.5	6.7#
68	8.0	3.6	5.4#

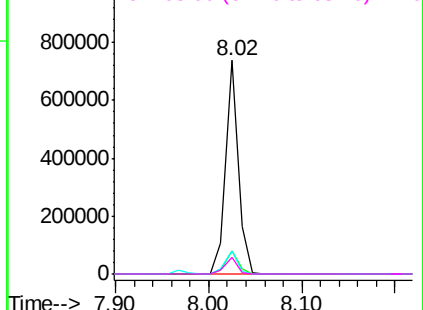
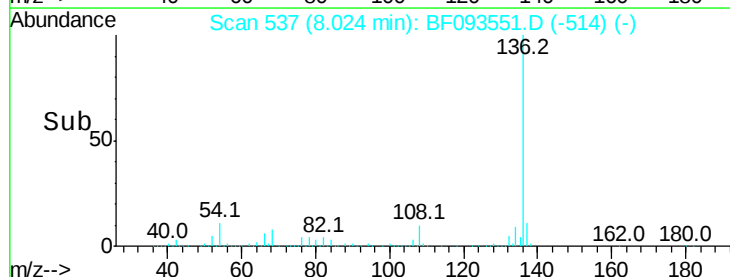


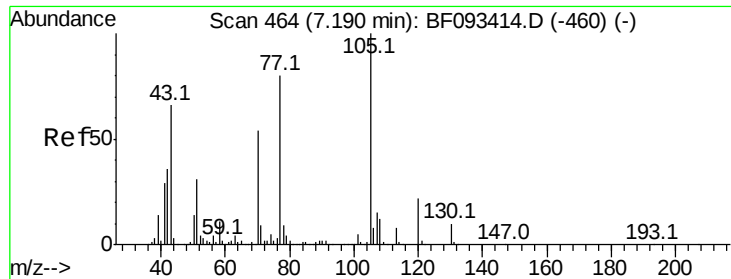
Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.37 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 693849

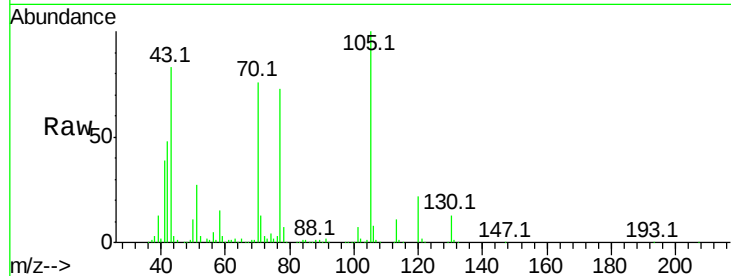
Ion Ratio Lower Upper

105 100

71 12.6 3.2 4.8#

51 27.1 26.2 39.4

120 22.5 16.6 24.8

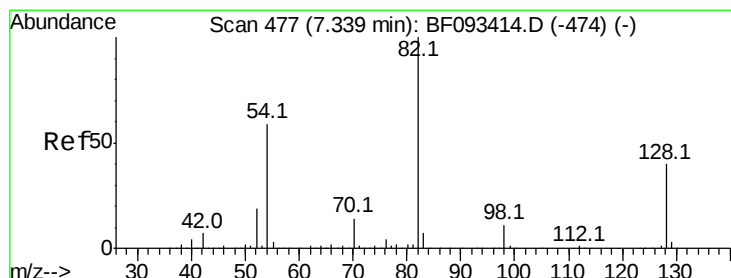
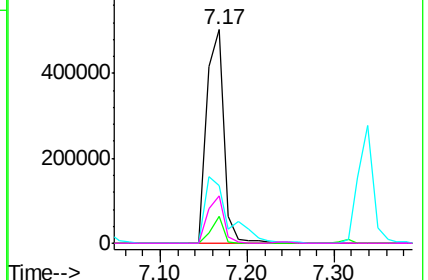
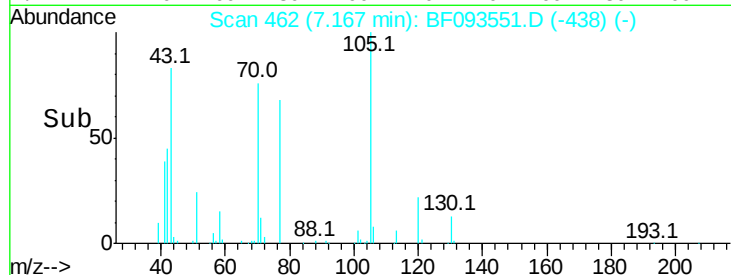


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 82.76 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

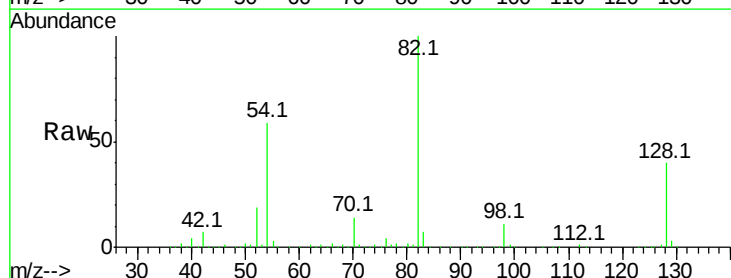
Tgt Ion: 82 Resp: 1039626

Ion Ratio Lower Upper

82 100

128 40.1 34.6 52.0

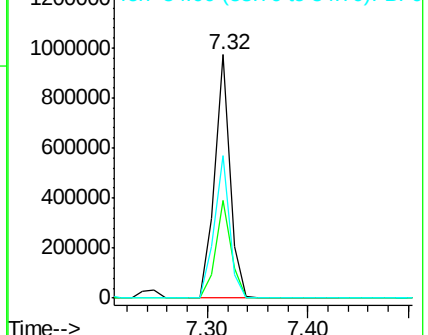
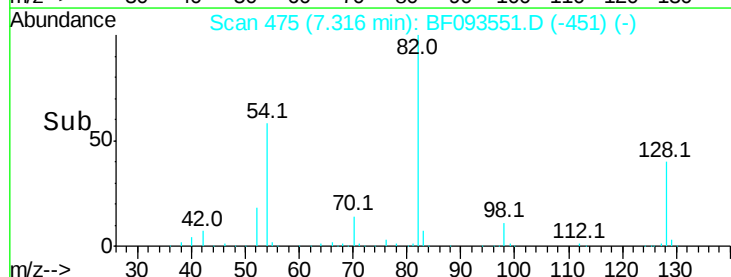
54 58.7 39.5 59.3

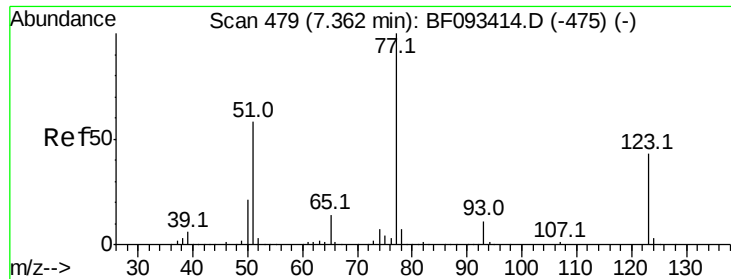


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 40.74 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

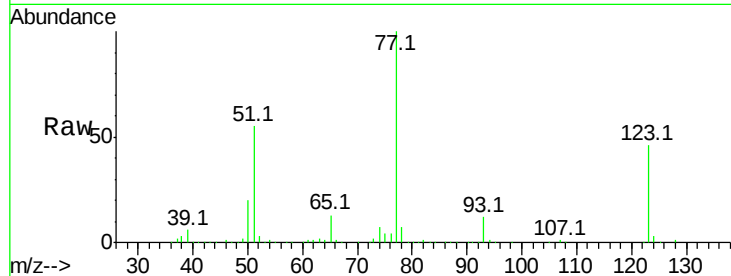
Tot Ion: 77 Resp: 575143

Ion Ratio Lower Upper

77 100

123 46.4 33.0 49.4

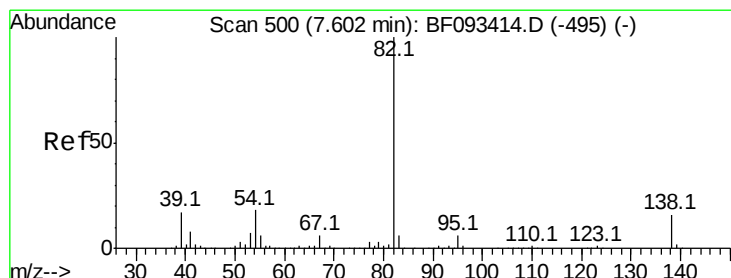
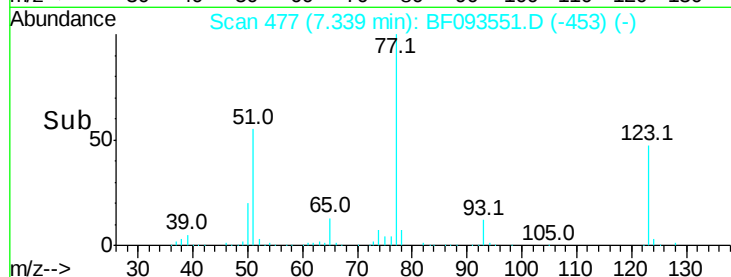
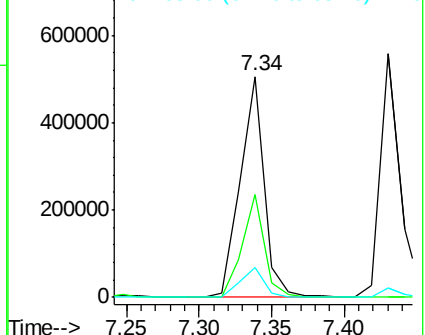
65 13.4 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 39.59 ng

RT: 7.57 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

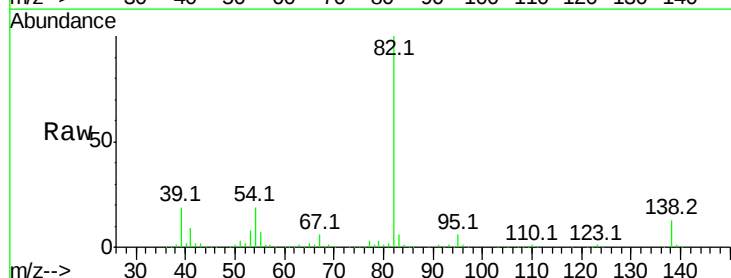
Tgt Ion: 82 Resp: 1002875

Ion Ratio Lower Upper

82 100

95 6.1 5.6 8.4

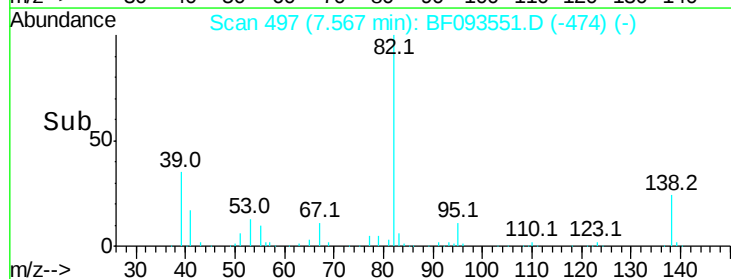
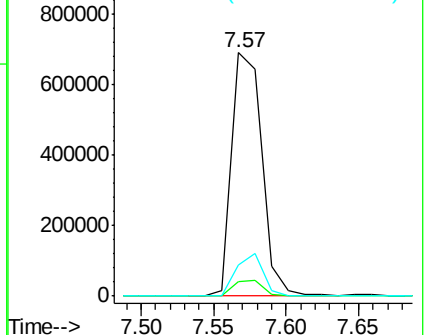
138 13.0 14.6 22.0#

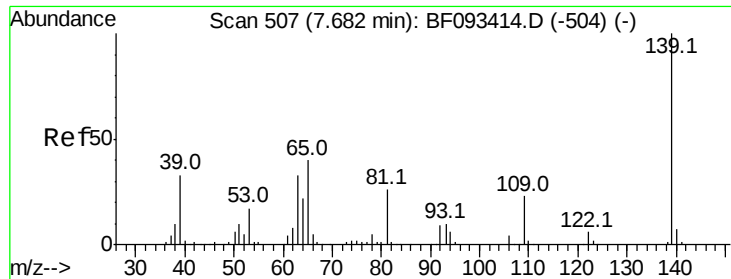


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

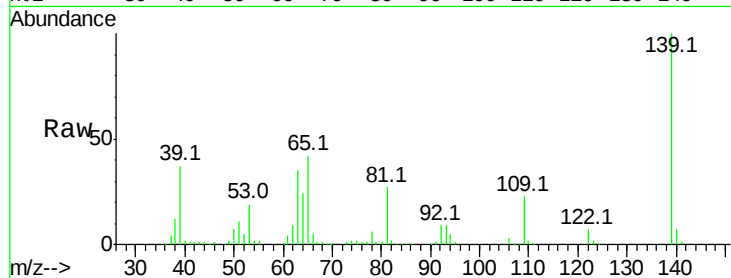




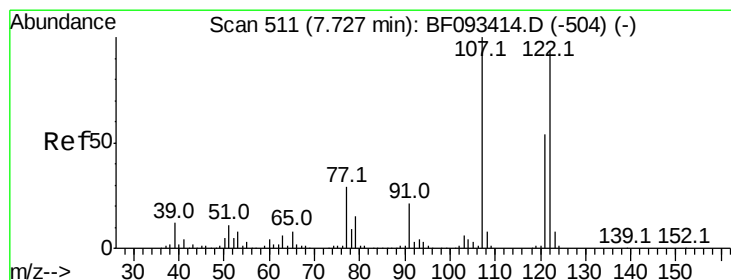
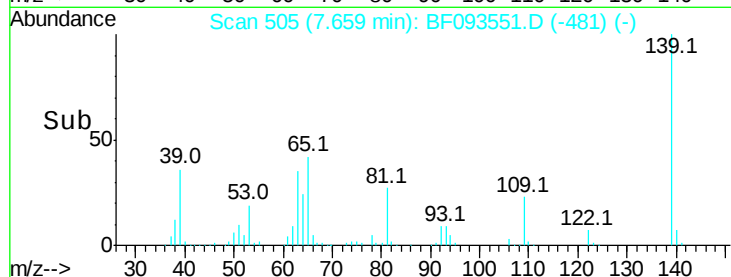
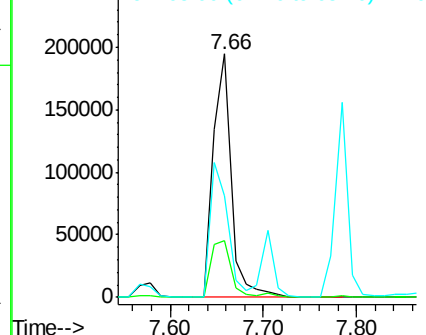
#26
2-Nitrophenol
Concen: 40.72 ng
RT: 7.66 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 262288
Ion Ratio Lower Upper
139 100
109 23.5 23.3 34.9
65 41.9 42.7 64.1#

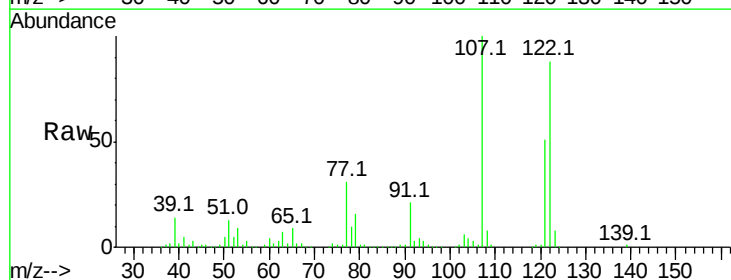


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

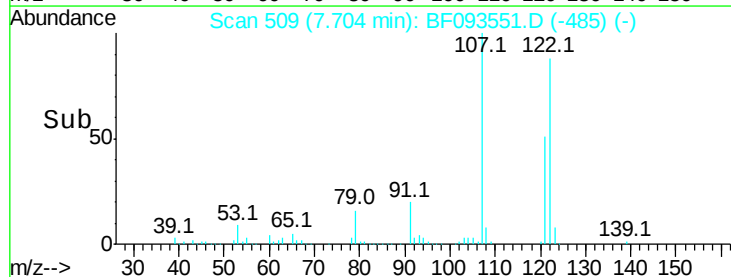
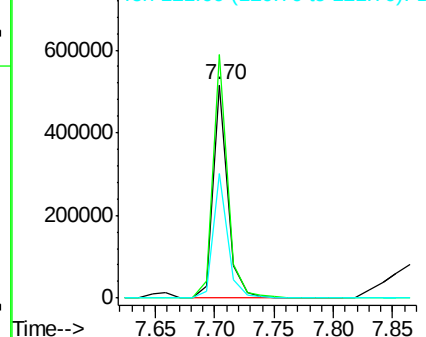


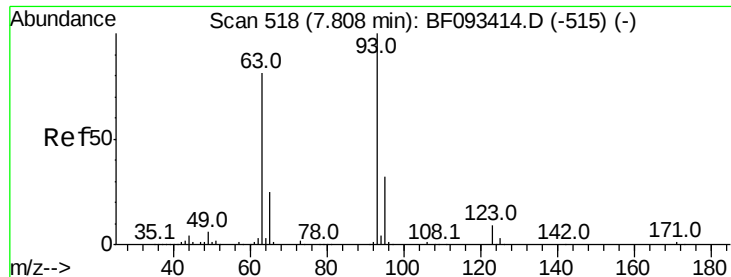
#27
2,4-Dimethylphenol
Concen: 42.02 ng
RT: 7.70 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion:122 Resp: 440282
Ion Ratio Lower Upper
122 100
107 114.1 94.1 141.1
121 58.2 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

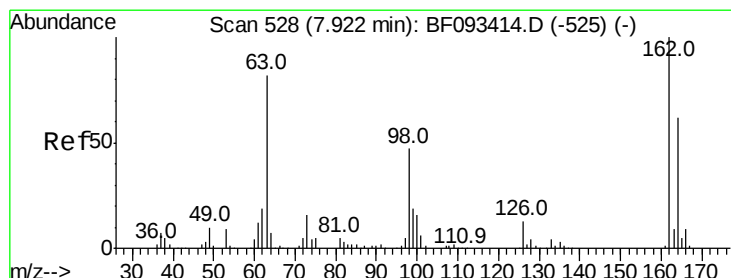
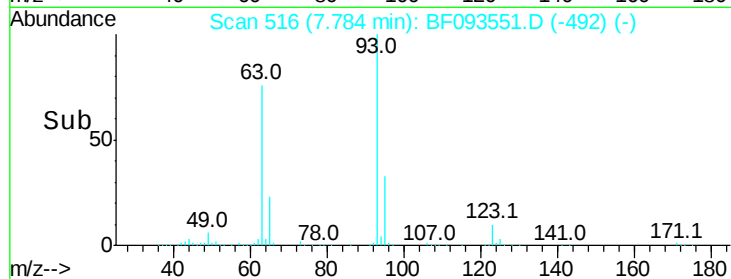
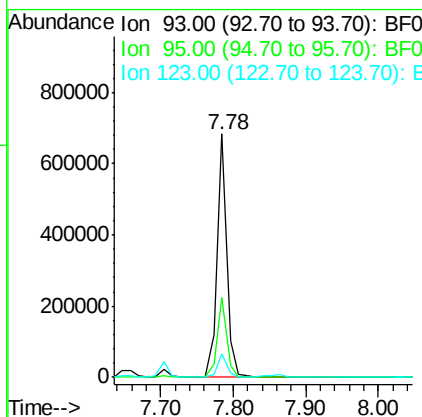
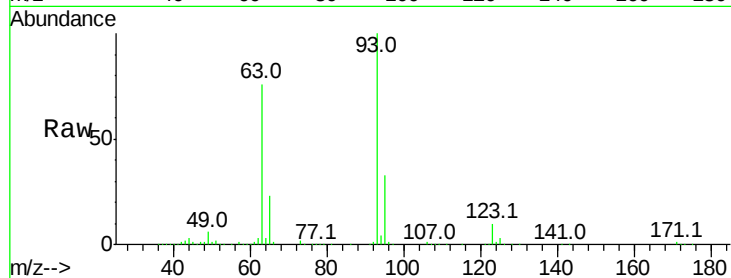




#28
bis(2-Chloroethoxy)methane
Concen: 39.79 ng
RT: 7.78 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

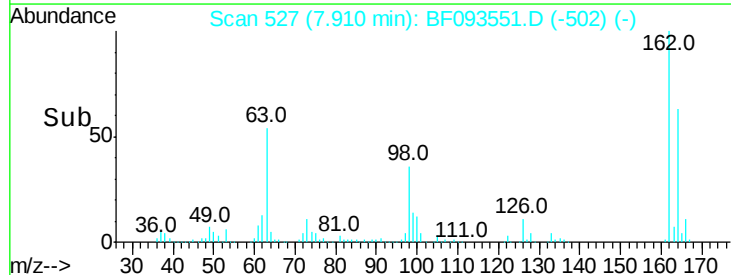
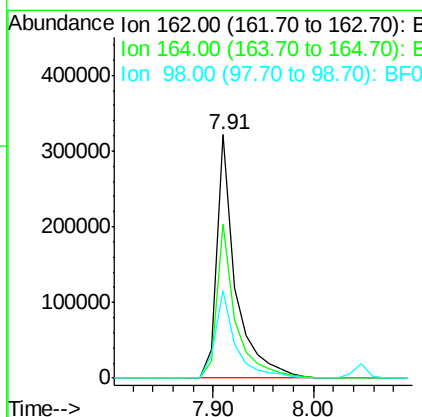
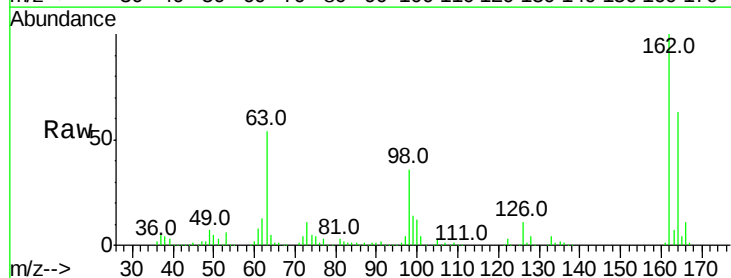
Instrument :
BNA_F
ClientSampleId :

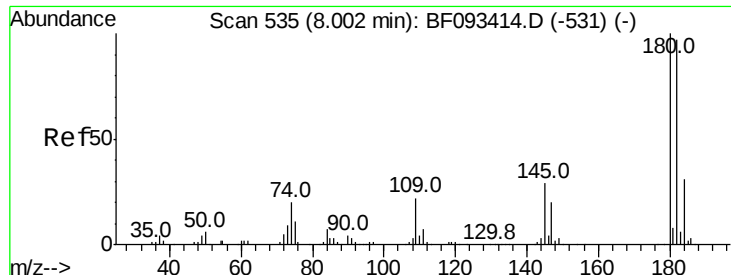
Tot Ion: 93 Resp: 636273
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 9.5 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 42.06 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion: 162 Resp: 414632
Ion Ratio Lower Upper
162 100
164 63.3 46.8 86.8
98 36.1 9.1 49.1

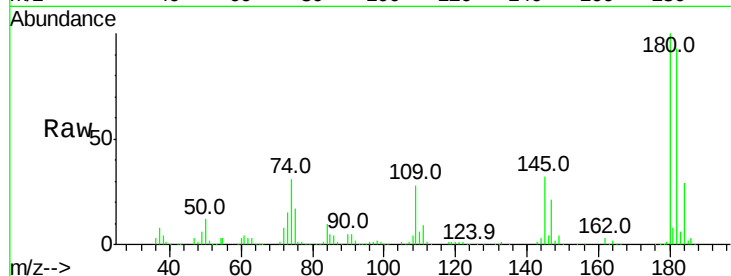




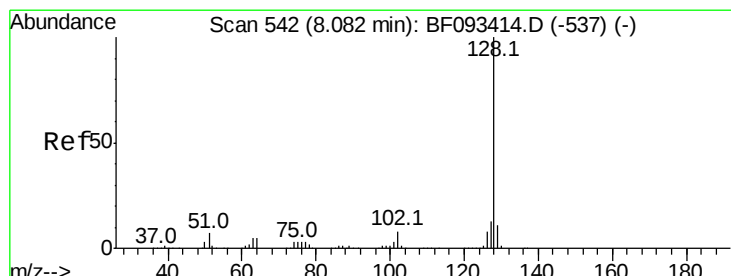
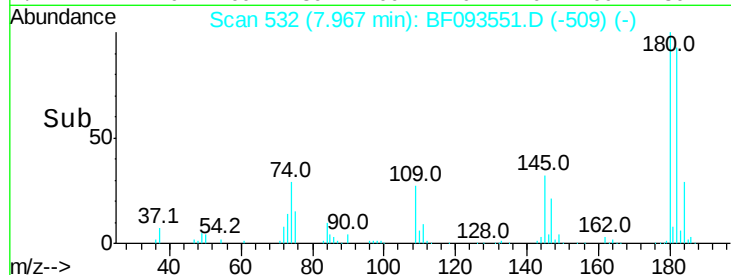
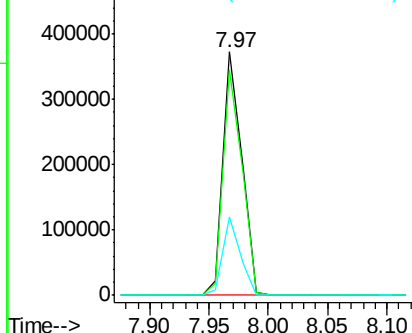
#30
 1,2,4-Trichlorobenzene
 Concen: 38.66 ng
 RT: 7.97 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:180 Resp: 405324
 Ion Ratio Lower Upper
 180 100
 182 92.8 78.2 117.4
 145 32.2 21.6 32.4

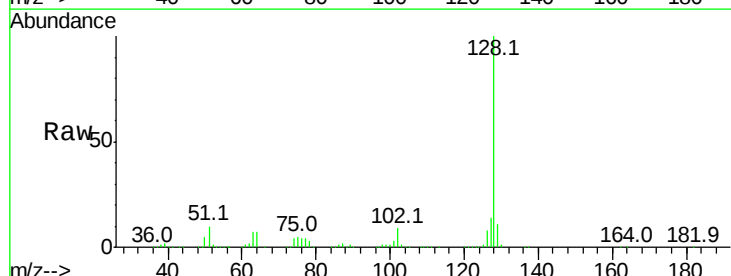


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

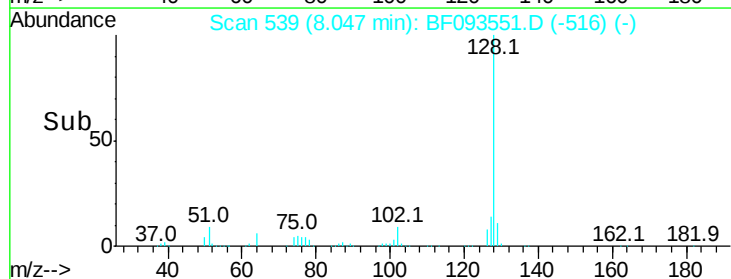
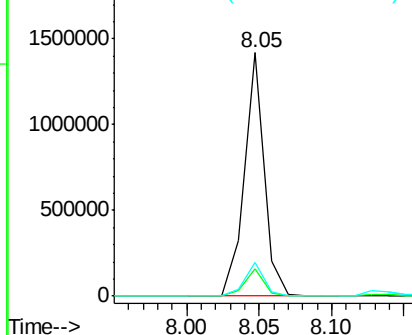


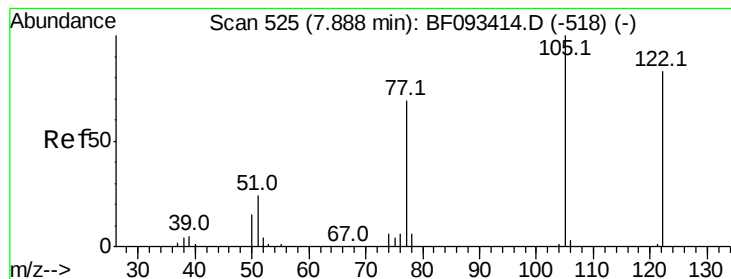
#31
 Naphthalene
 Concen: 38.70 ng
 RT: 8.05 min Scan# 539
 Delta R.T. -0.03 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Tgt Ion:128 Resp: 1351805
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.5 14.3
 127 13.6 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: 36.52 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

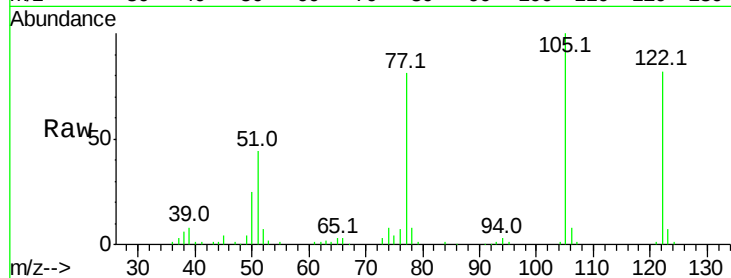
Tot Ion:122 Resp: 198828

Ion Ratio Lower Upper

122 100

105 121.5 107.2 147.2

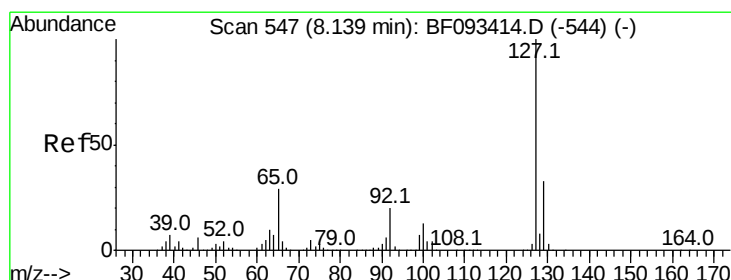
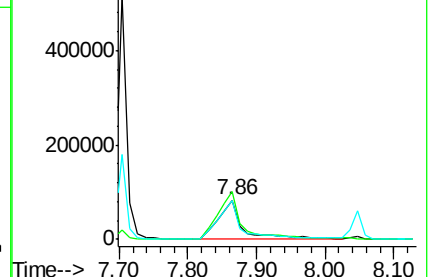
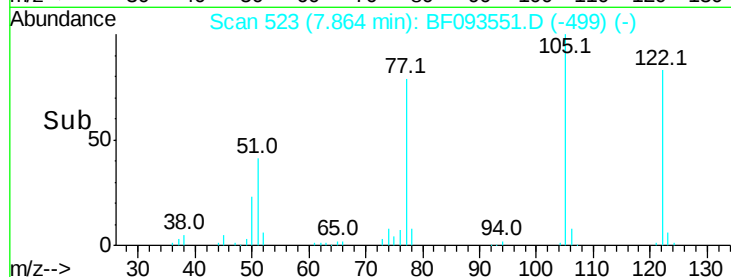
77 99.0 74.5 114.5



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: 3.86 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Tgt Ion:127 Resp: 54654

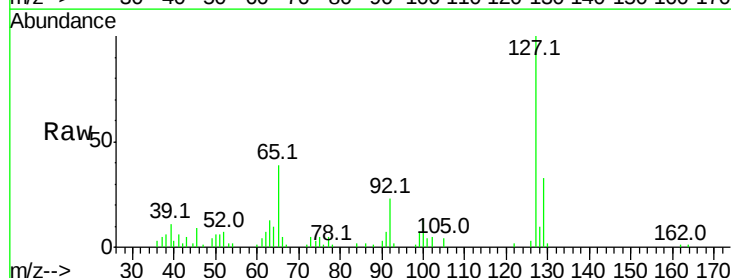
Ion Ratio Lower Upper

127 100

129 33.3 26.3 39.5

65 38.7 25.8 38.8

92 22.6 16.1 24.1

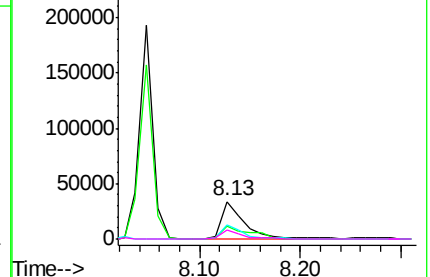
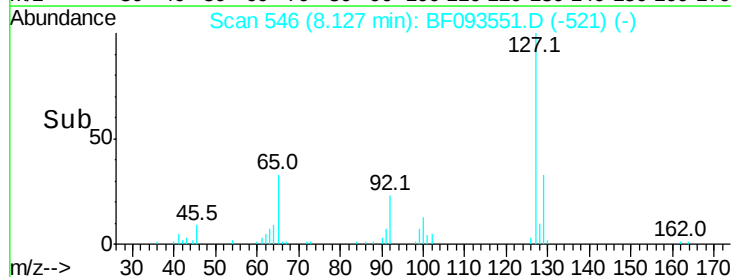


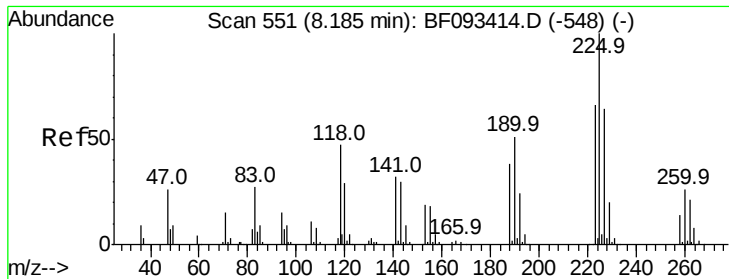
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

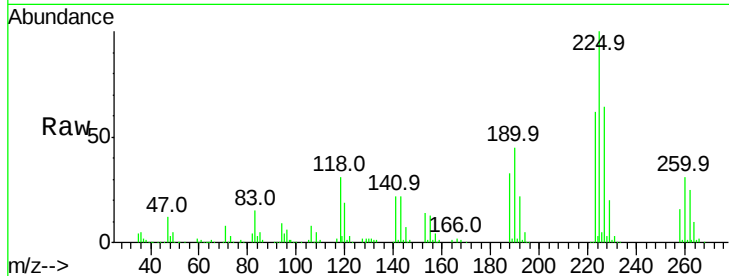




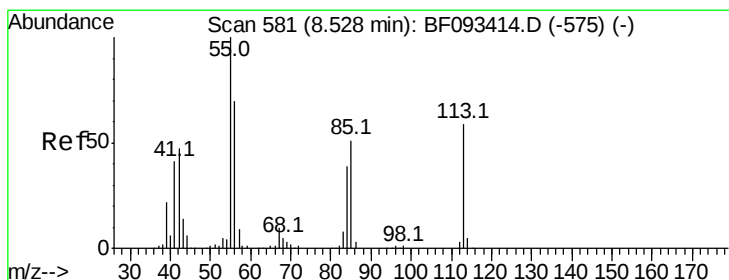
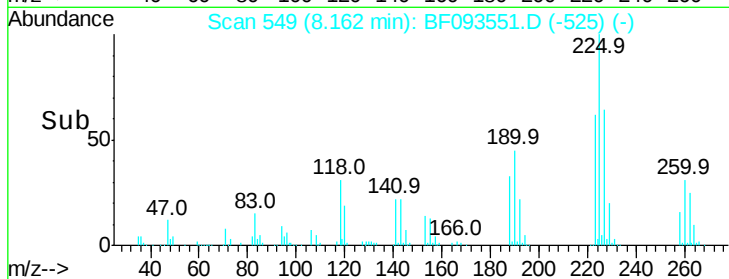
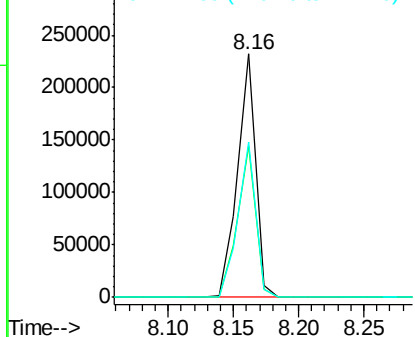
#34
Hexachlorobutadiene
Concen: 41.19 ng
RT: 8.16 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 222434
Ion Ratio Lower Upper
225 100
223 62.4 51.0 76.6
227 64.0 50.6 76.0

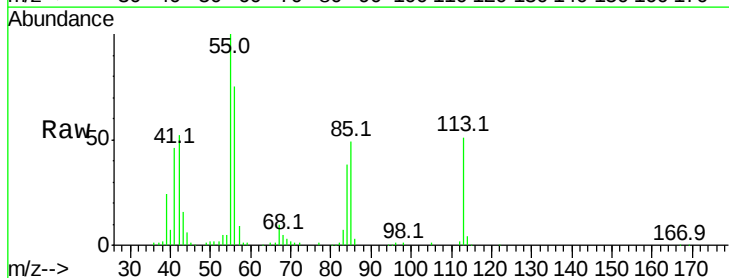


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

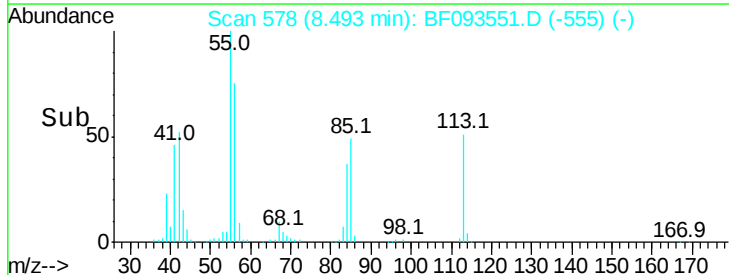
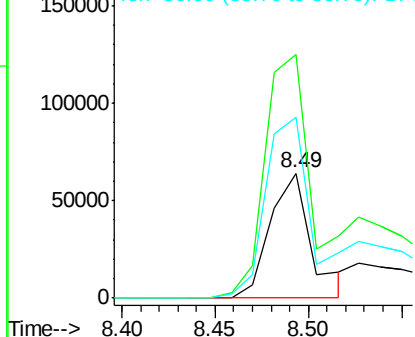


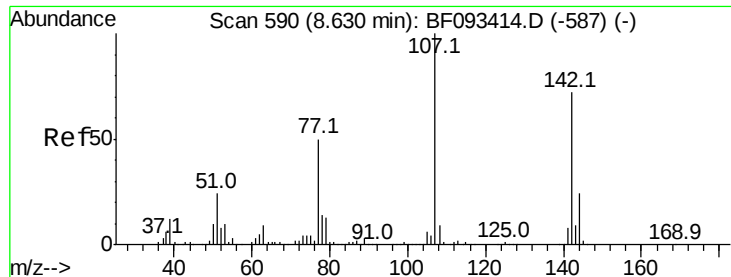
#35
Caprolactam
Concen: 29.01 ng
RT: 8.49 min Scan# 578
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion:113 Resp: 97665
Ion Ratio Lower Upper
113 100
55 194.9 119.2 159.2#
56 145.2 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

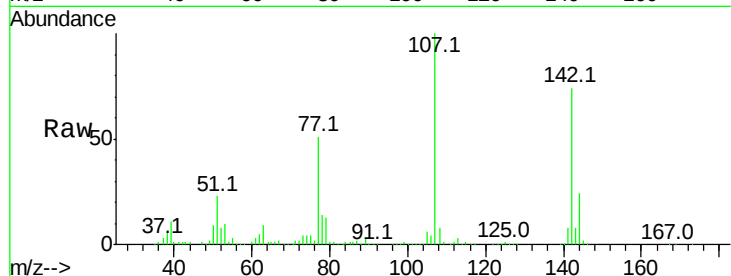




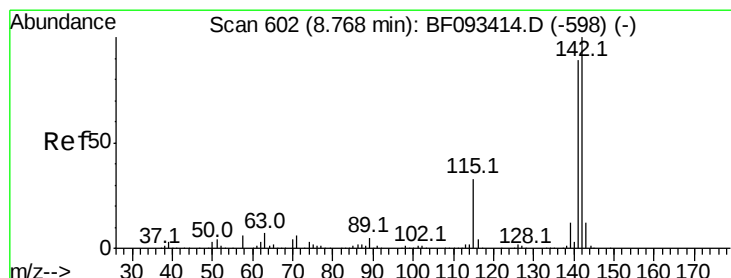
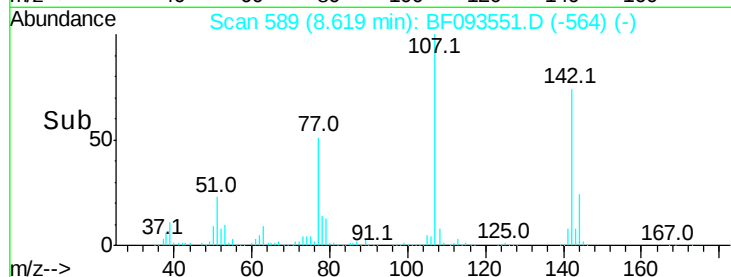
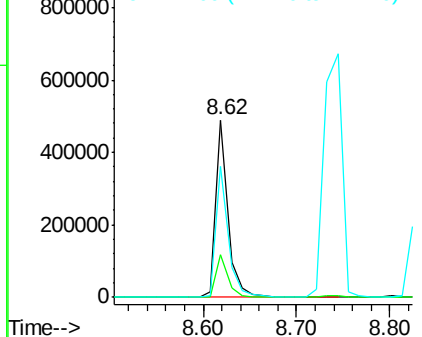
#36
4-Chloro-3-methylphenol
Concen: 42.52 ng
RT: 8.62 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 447335
Ion Ratio Lower Upper
107 100
144 24.0 19.3 28.9
142 74.0 59.0 88.6

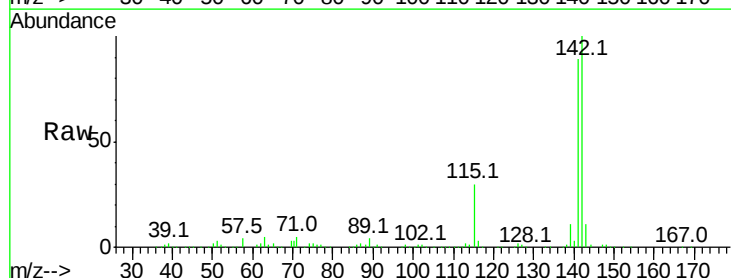


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

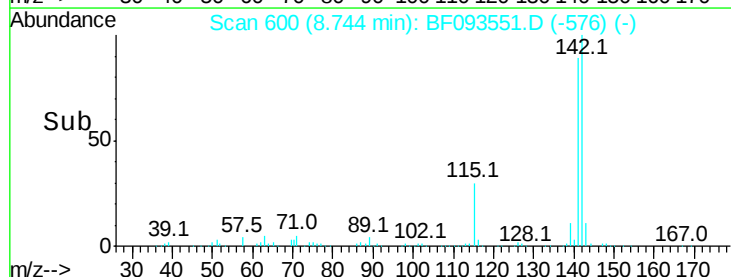
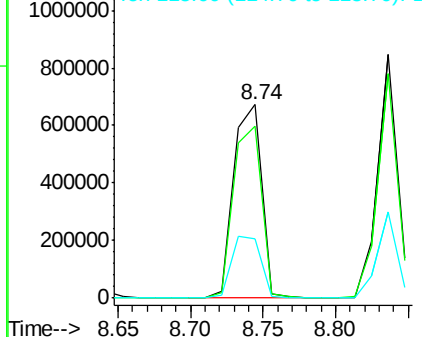


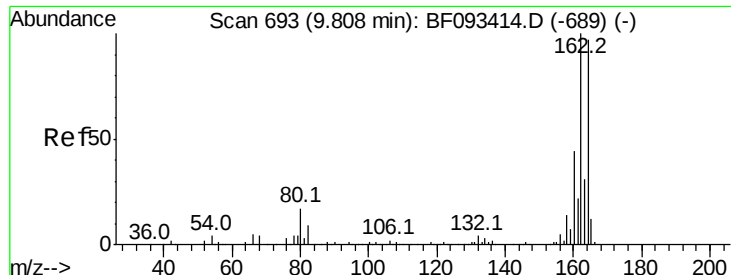
#37
2-Methylnaphthalene
Concen: 40.55 ng
RT: 8.74 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion:142 Resp: 901163
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6
115 30.4 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

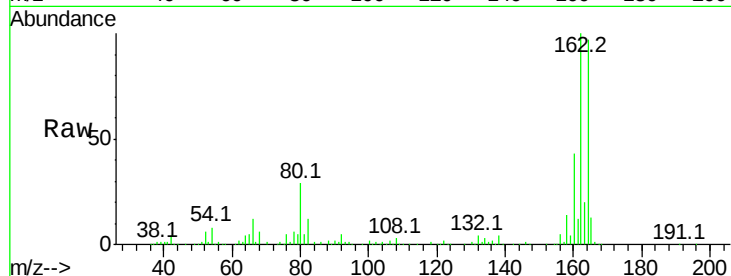




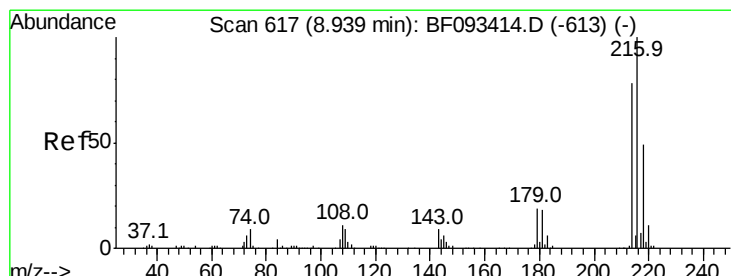
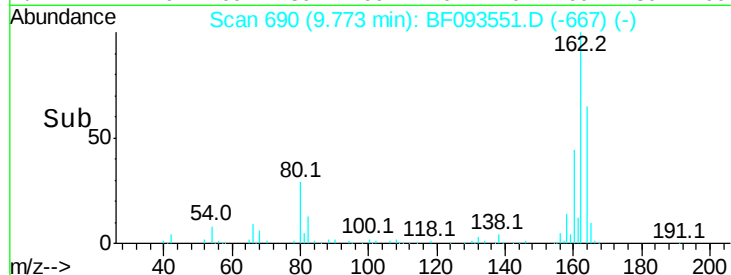
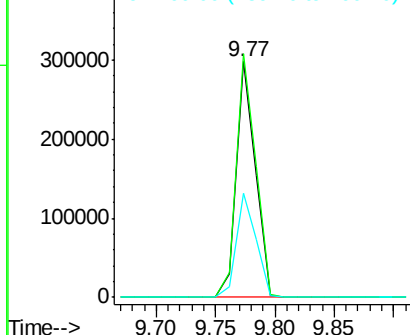
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 333730
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.2 120.2
 160 44.1 36.9 55.3



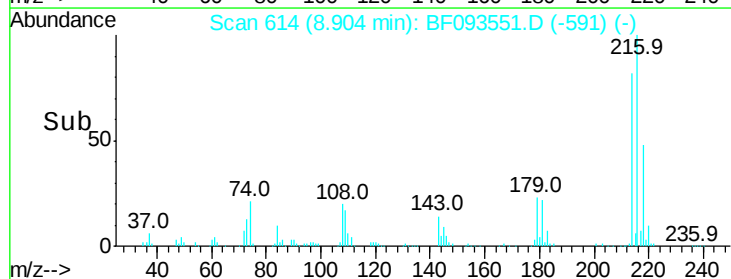
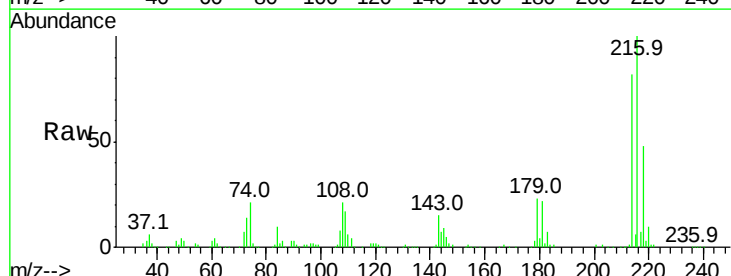
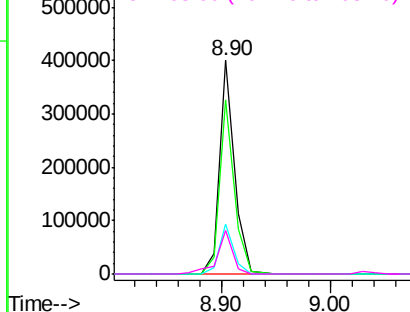
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

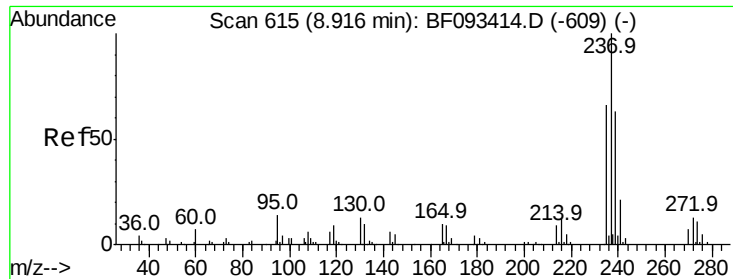


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.33 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Tgt Ion:216 Resp: 385741
 Ion Ratio Lower Upper
 216 100
 214 80.3 63.4 95.0
 179 22.2 17.4 26.2
 108 21.4 15.6 23.4

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





#40

Hexachlorocyclopentadiene

Concen: 83.57 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampled :

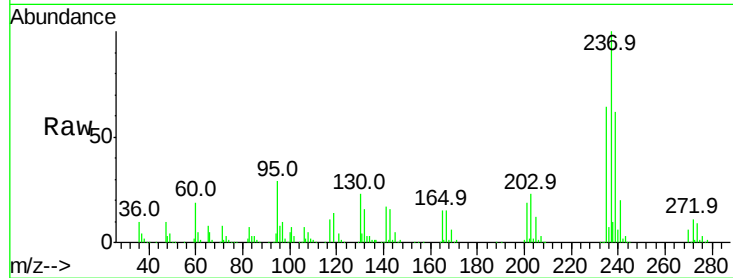
Tot Ion:237 Resp: 193635

Ion Ratio Lower Upper

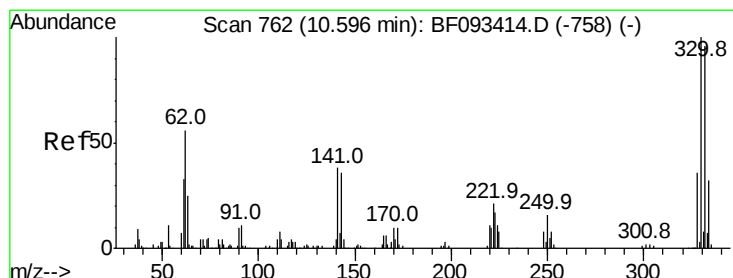
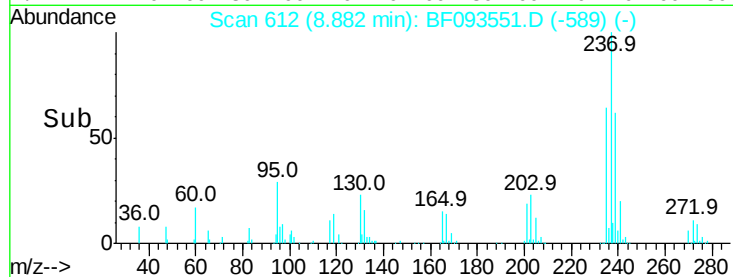
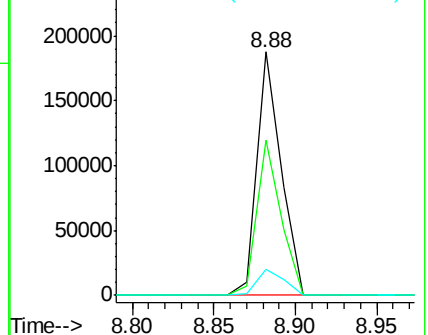
237 100

235 63.6 41.2 81.2

272 10.6 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: 96.47 ng

RT: 10.57 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

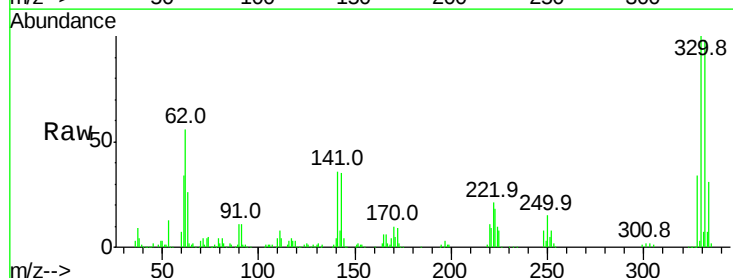
Tgt Ion:330 Resp: 209760

Ion Ratio Lower Upper

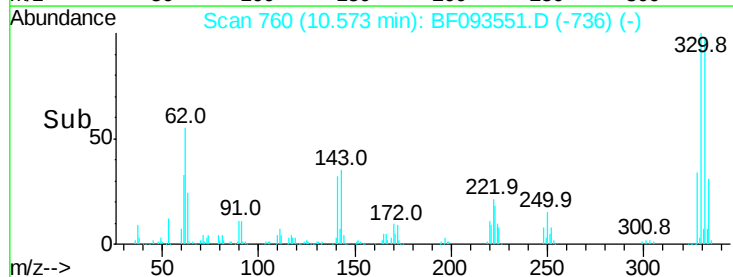
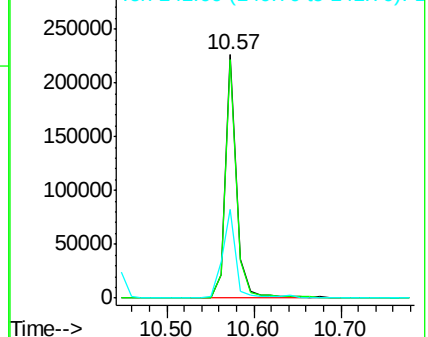
330 100

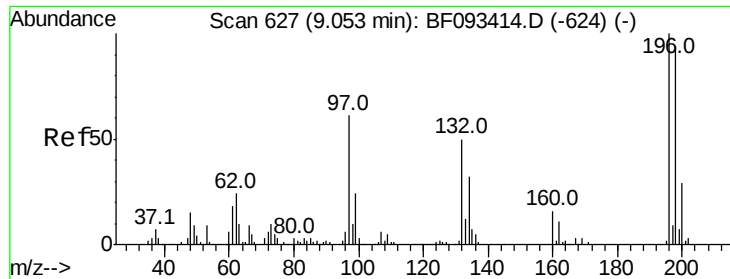
332 98.5 77.4 116.2

141 42.1 34.1 51.1



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





#42

2,4,6-Trichlorophenol

Concen: 46.43 ng

RT: 9.03 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampled :

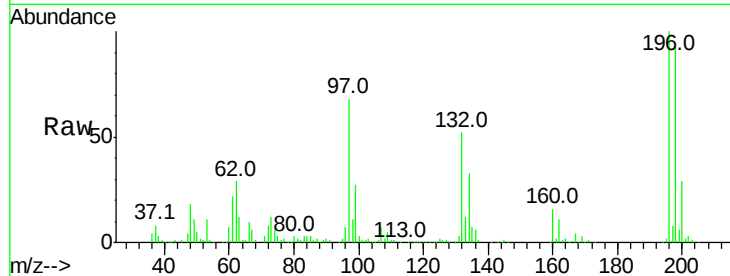
Tot Ion:196 Resp: 264333

Ion Ratio Lower Upper

196 100

198 92.6 82.1 123.1

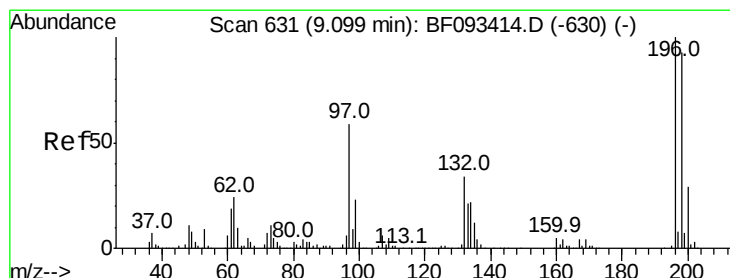
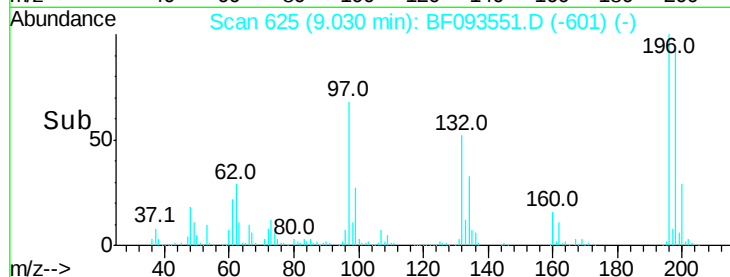
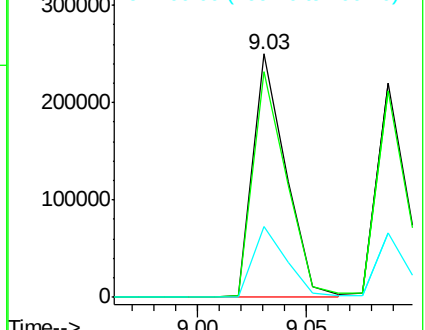
200 29.1 27.0 40.4



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: 41.05 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Tgt Ion:196 Resp: 250795

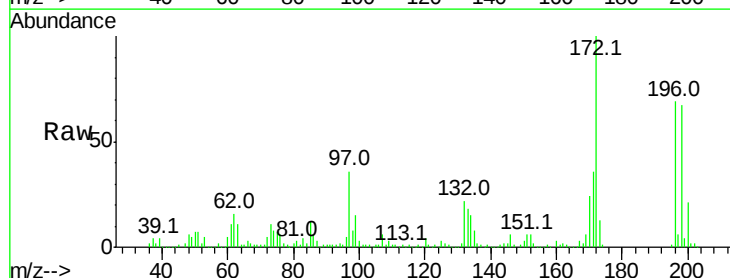
Ion Ratio Lower Upper

196 100

198 96.1 79.4 119.2

97 52.1 51.5 77.3

132 31.1 27.4 41.2

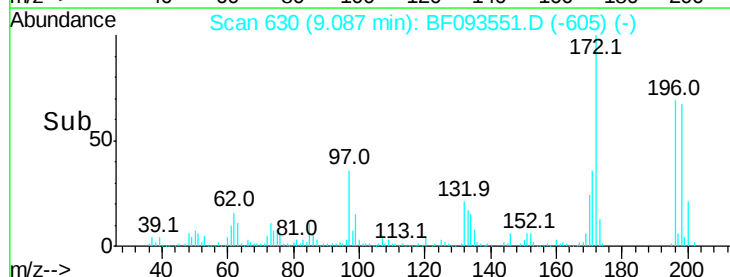
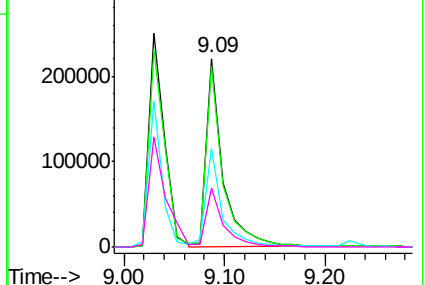


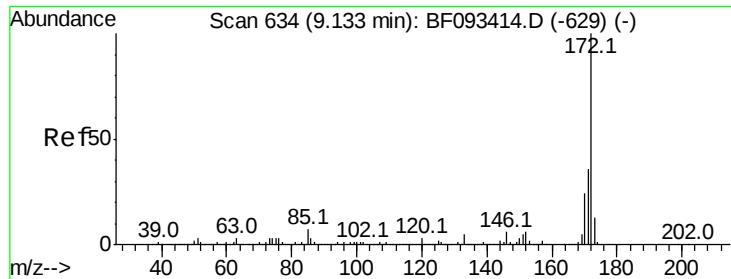
Abundance Ion 196.00 (195.70 to 196.70): E

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

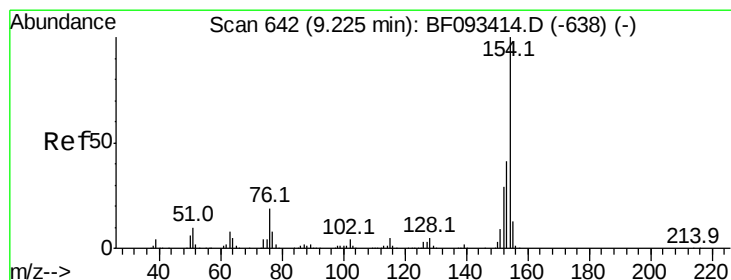
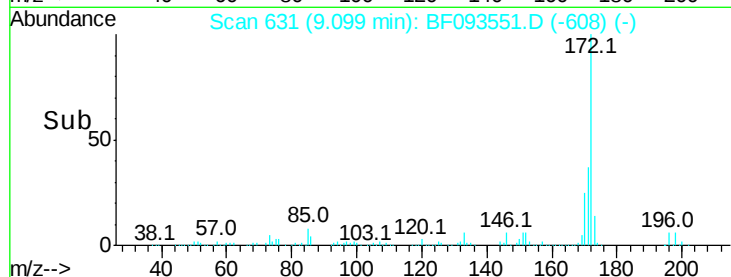
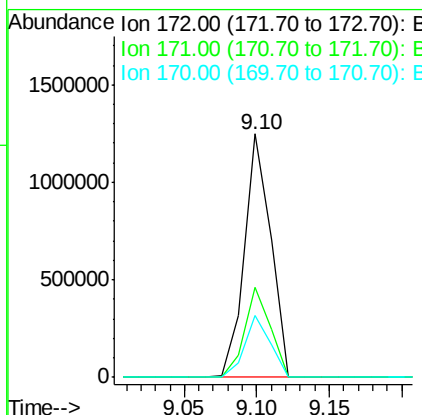
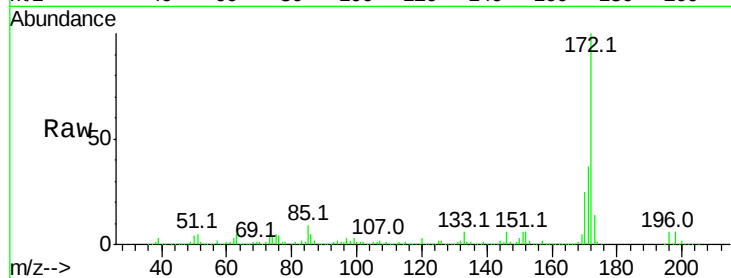




#44
2-Fluorobiphenyl
Concen: 87.54 ng
RT: 9.10 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

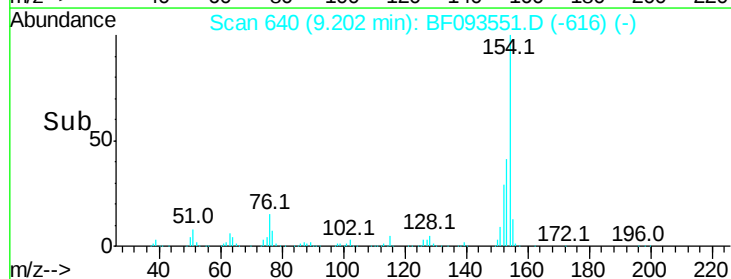
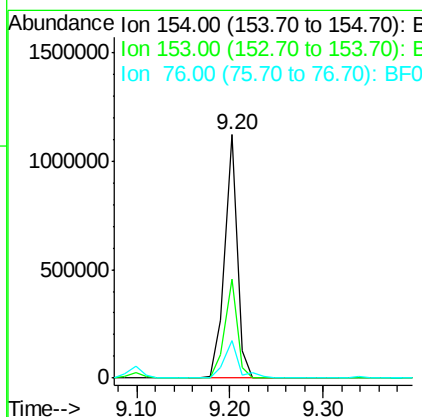
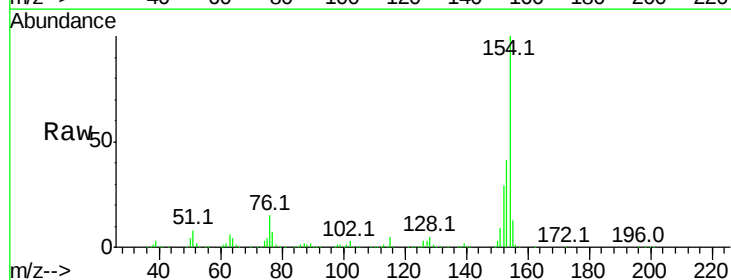
Instrument :
BNA_F
ClientSampleId :

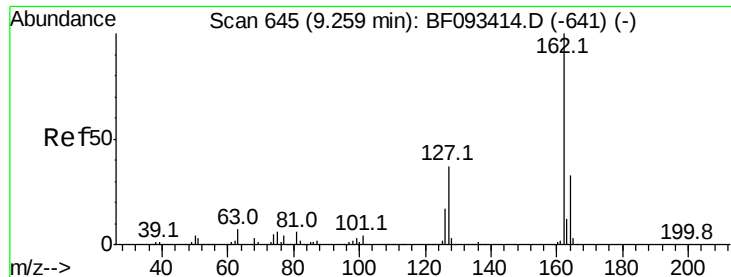
Tot Ion:172 Resp: 1570576
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 25.2 20.2 30.4



#45
1,1'-Biphenyl
Concen: 43.22 ng
RT: 9.20 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion:154 Resp: 1050785
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 15.4 0.0 30.5

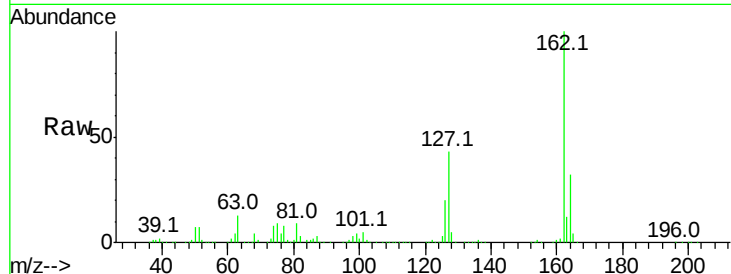




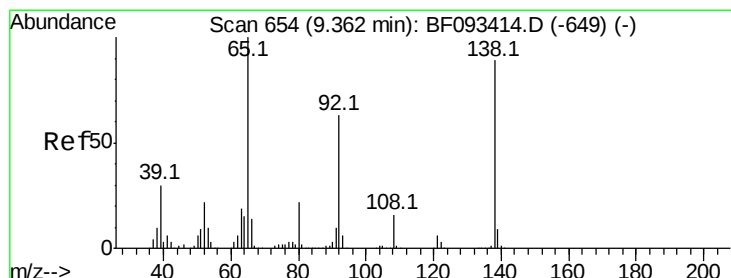
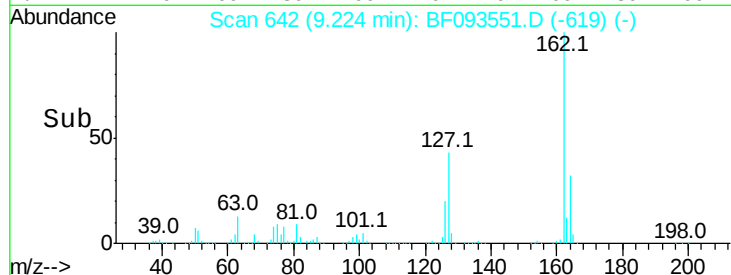
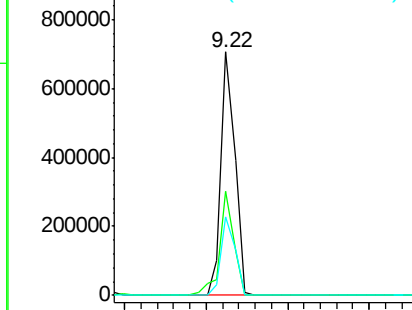
#46
2-Chloronaphthalene
Concen: 44.74 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 832628
Ion Ratio Lower Upper
162 100
127 42.6 30.7 46.1
164 32.0 27.6 41.4

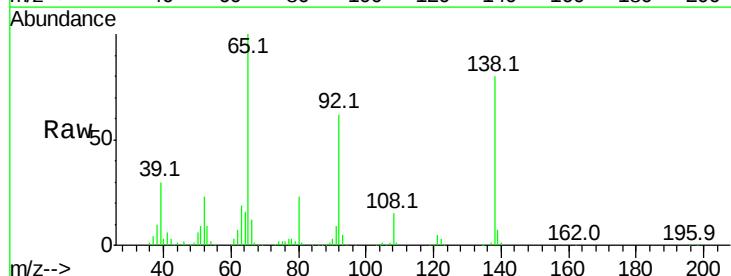


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

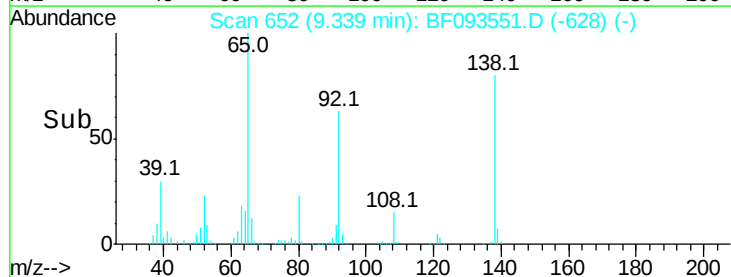
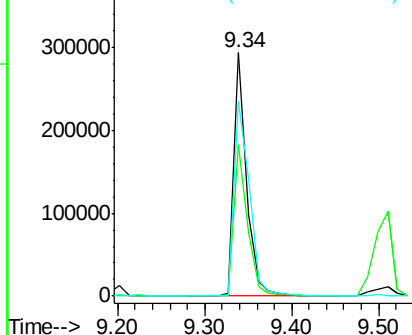


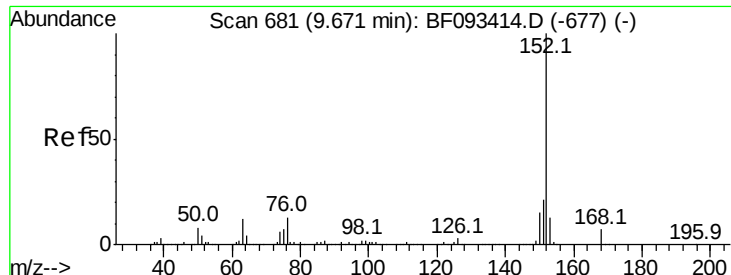
#47
2-Nitroaniline
Concen: 44.82 ng
RT: 9.34 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion: 65 Resp: 294874
Ion Ratio Lower Upper
65 100
92 62.4 53.9 80.9
138 80.3 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 40.51 ng

RT: 9.64 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

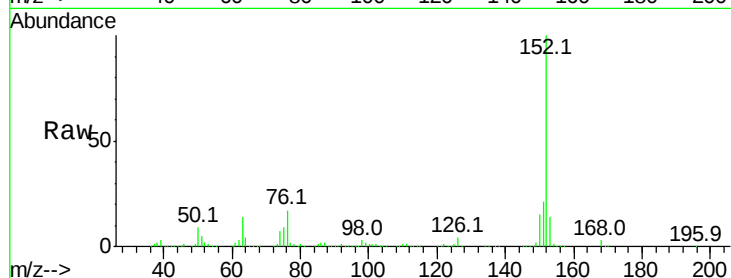
Tot Ion:152 Resp: 1243411

Ion Ratio Lower Upper

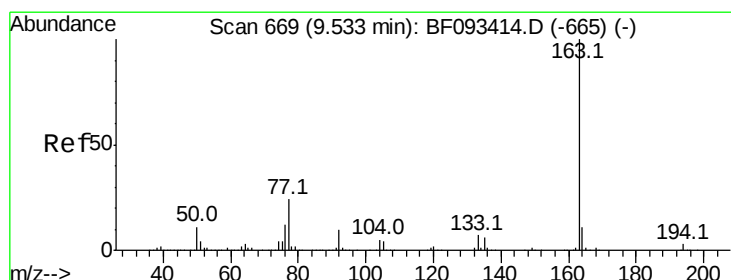
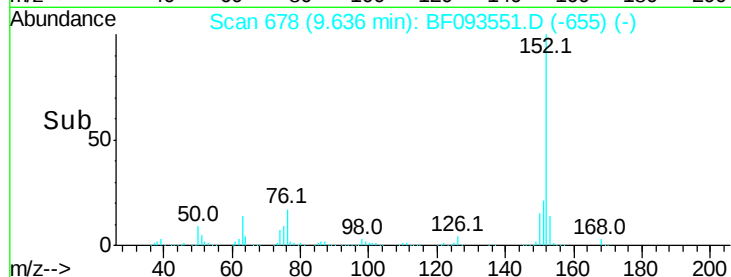
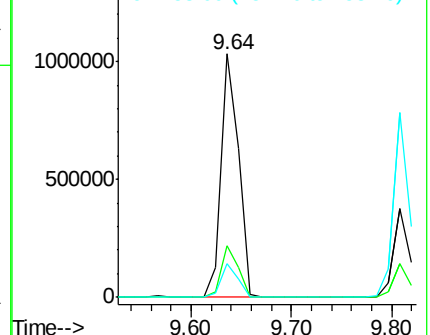
152 100

151 21.0 16.9 25.3

153 13.7 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.33 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

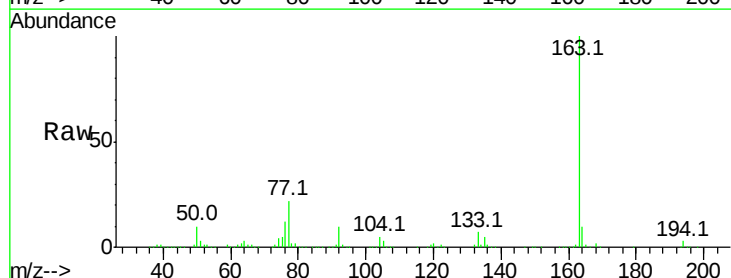
Tgt Ion:163 Resp: 1002874

Ion Ratio Lower Upper

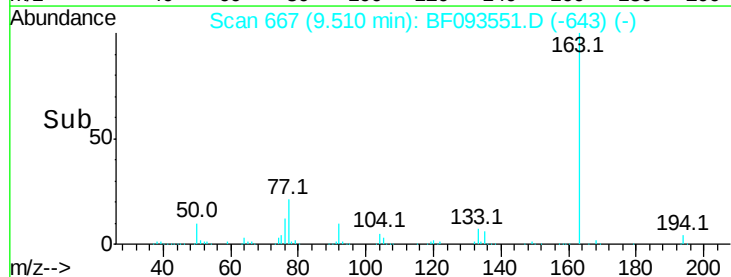
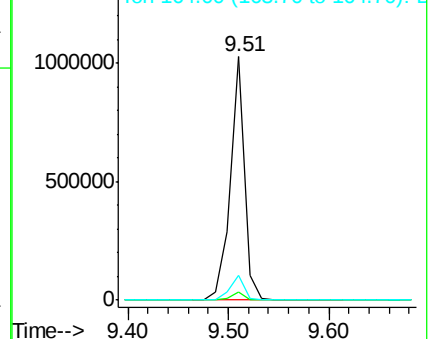
163 100

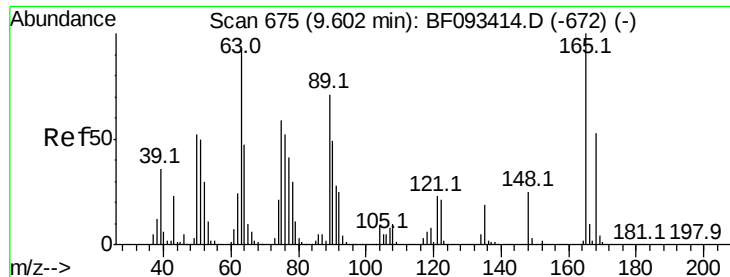
194 3.5 3.0 4.4

164 10.4 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

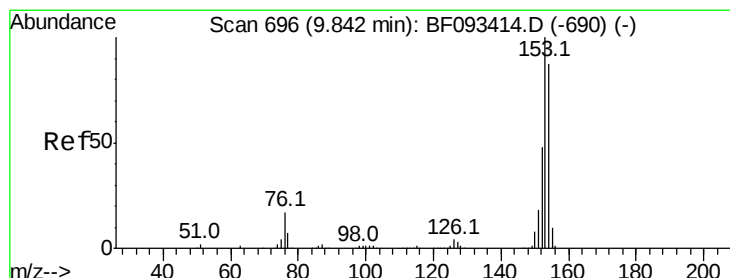
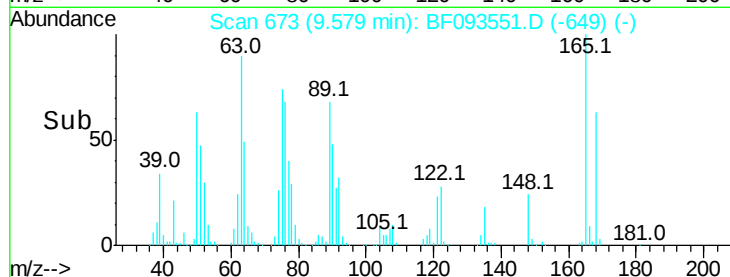
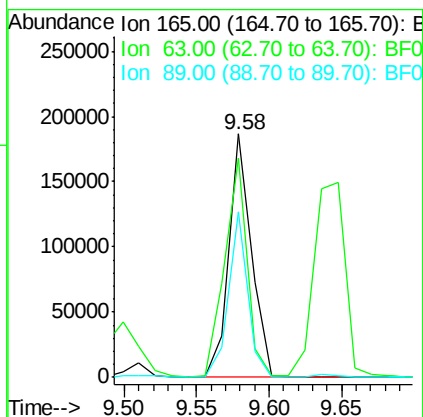
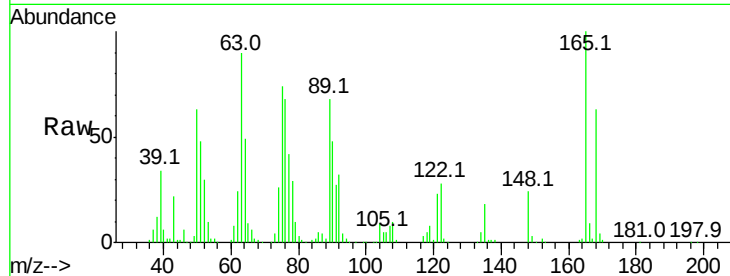




#50
2,6-Dinitrotoluene
Concen: 41.47 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

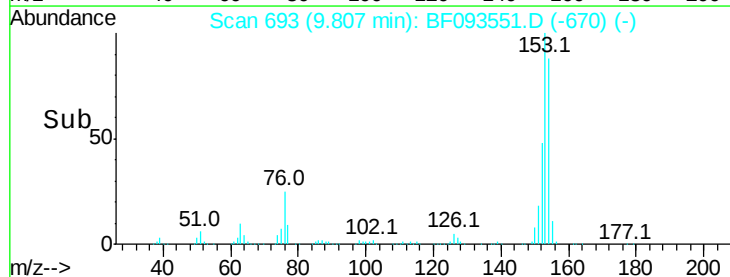
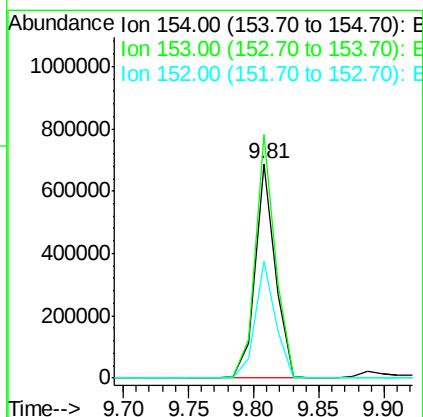
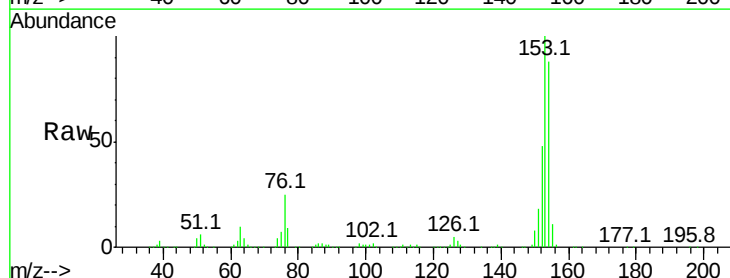
Instrument :
BNA_F
ClientSampled :

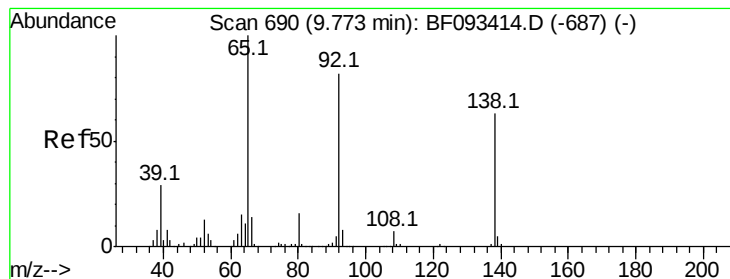
Tot Ion:165 Resp: 201352
Ion Ratio Lower Upper
165 100
63 90.3 36.2 54.4#
89 68.0 40.2 60.4#



#51
Acenaphthene
Concen: 40.94 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion:154 Resp: 742972
Ion Ratio Lower Upper
154 100
153 113.5 88.6 133.0
152 54.7 41.6 62.4





#52

3-Nitroaniline

Concen: 4.94 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

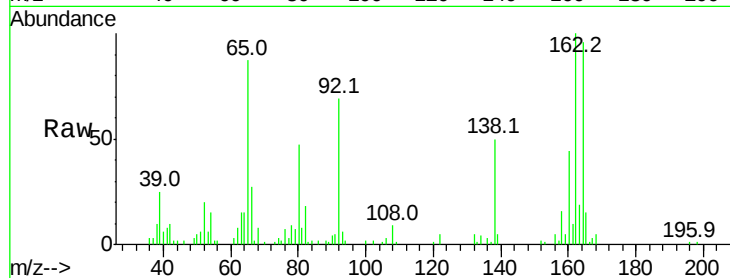
Tot Ion:138 Resp: 28816

Ion Ratio Lower Upper

138 100

108 18.8 8.5 12.7#

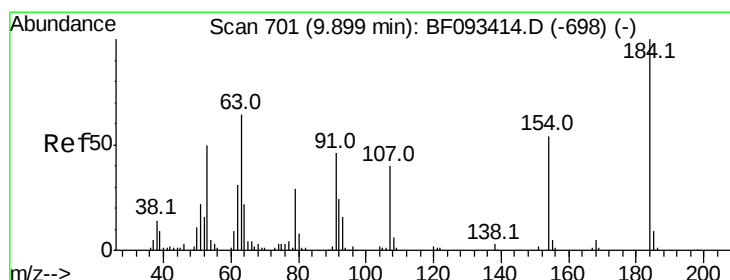
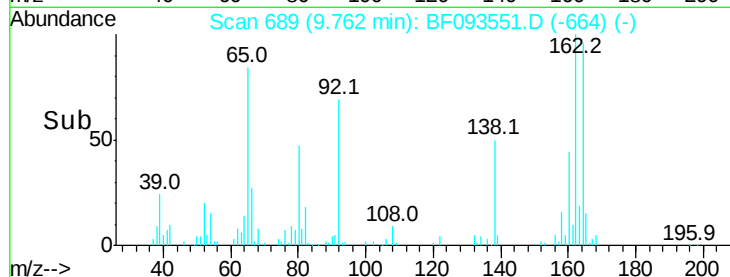
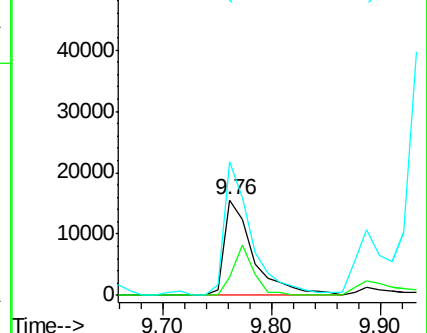
92 139.2 97.8 146.8



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): E



#53

2,4-Dinitrophenol

Concen: 35.20 ng

RT: 9.89 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

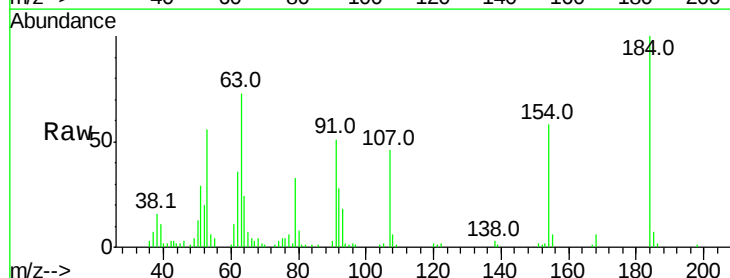
Tgt Ion:184 Resp: 77823

Ion Ratio Lower Upper

184 100

63 73.0 28.4 42.6#

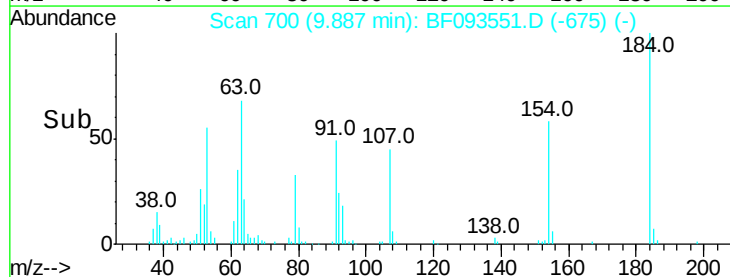
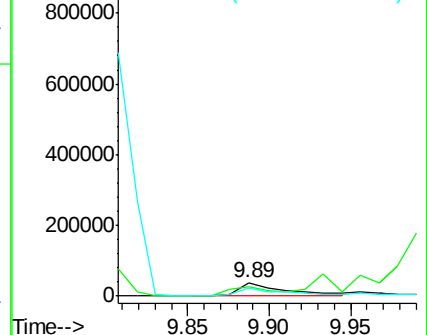
154 58.5 44.3 66.5

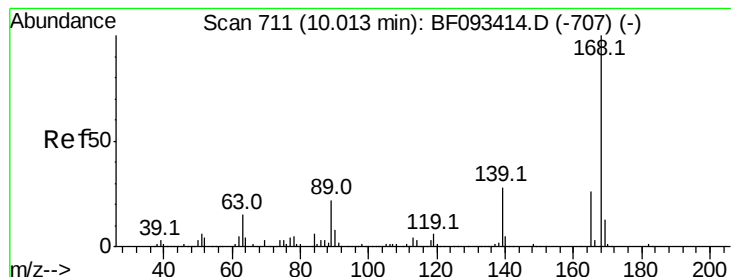


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 50.33 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

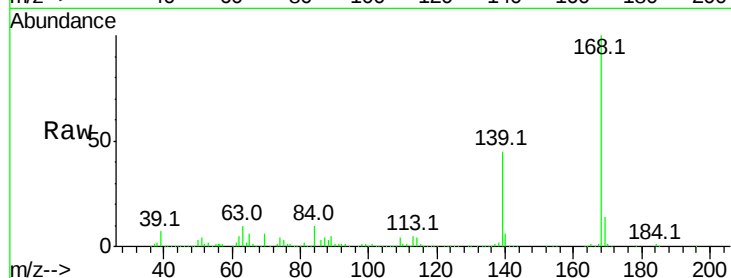
Tot Ion:168 Resp: 1143173

Ion Ratio Lower Upper

168 100

139 45.4 32.6 49.0

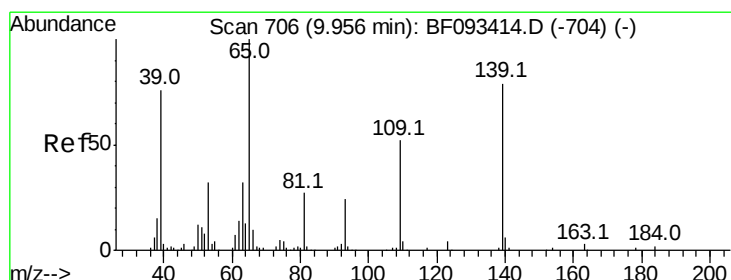
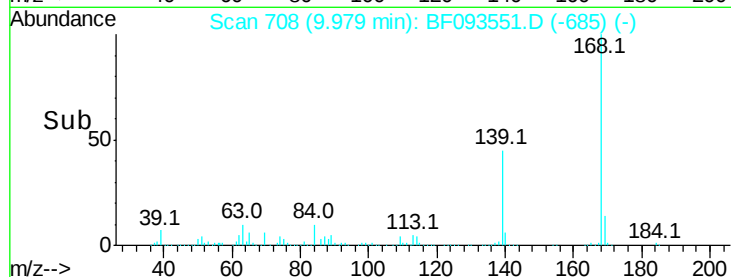
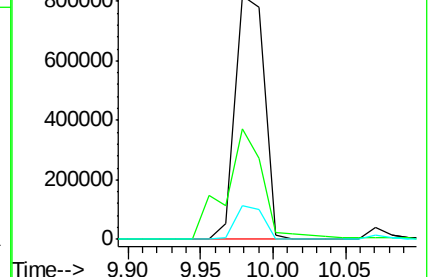
169 13.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 246.15 ng

RT: 9.98 min Scan# 708

Delta R.T. 0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

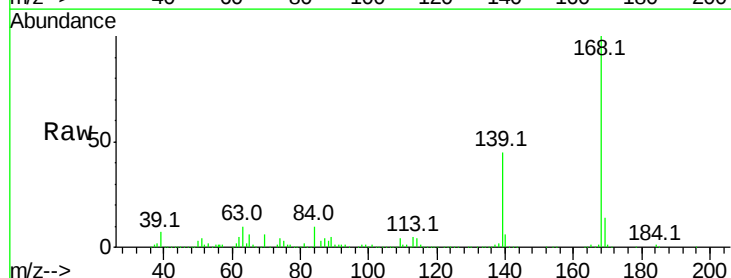
Tgt Ion:139 Resp: 697325

Ion Ratio Lower Upper

139 100

109 8.2 52.2 92.2#

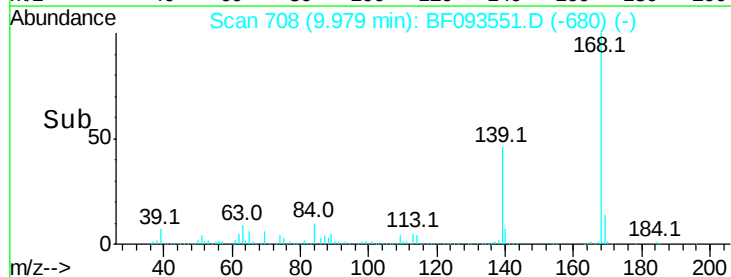
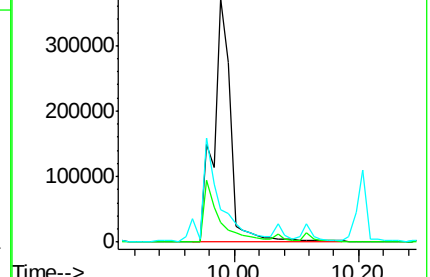
65 13.3 85.8 125.8#

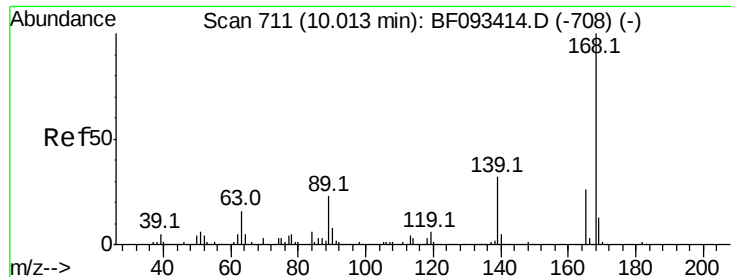


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

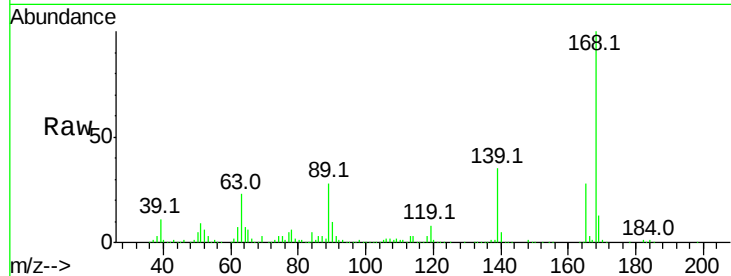




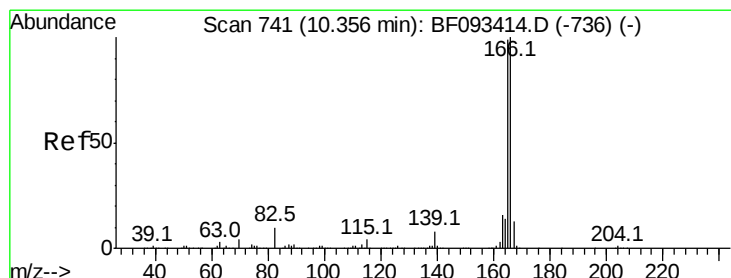
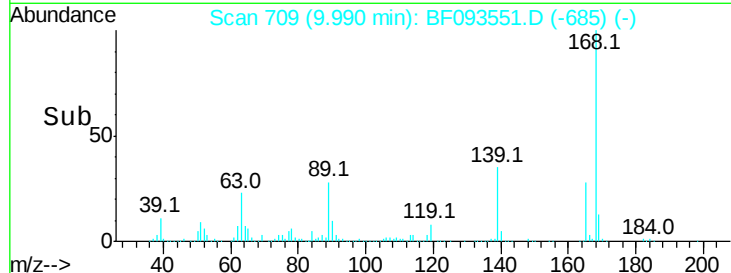
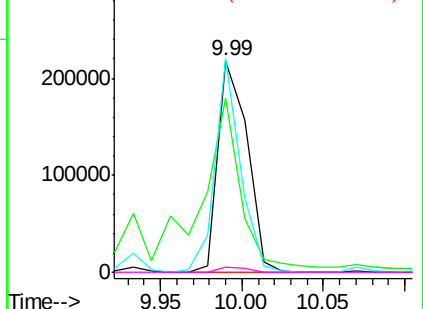
#56
2,4-Dinitrotoluene
Concen: 45.33 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 270348
Ion Ratio Lower Upper
165 100
63 82.1 40.2 60.4#
89 100.9 62.5 93.7#
182 2.2 1.8 2.8

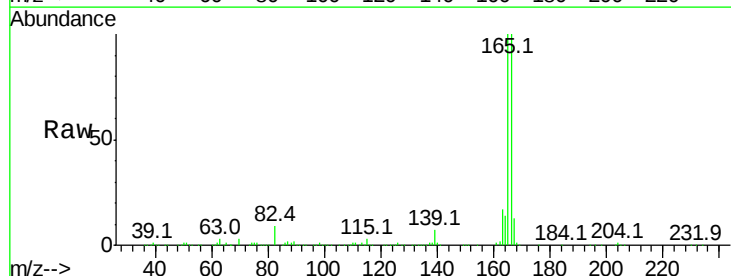


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

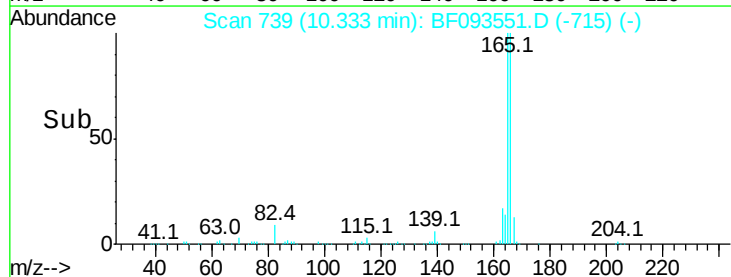
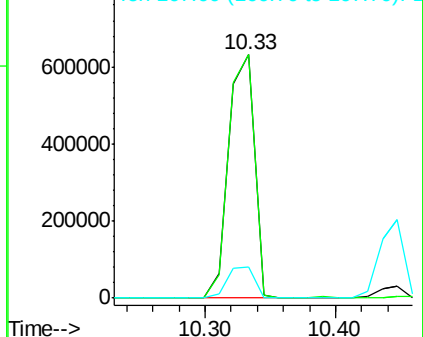


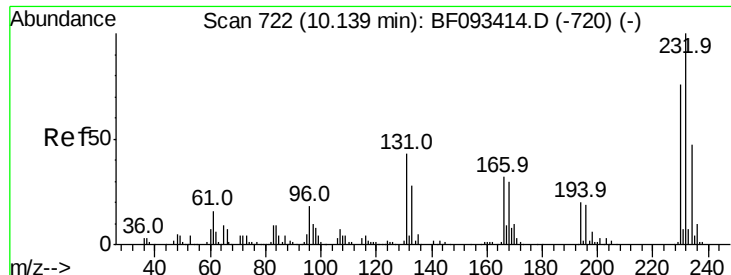
#57
Fluorene
Concen: 45.22 ng
RT: 10.33 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion:166 Resp: 870505
Ion Ratio Lower Upper
166 100
165 100.1 77.8 116.8
167 12.9 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

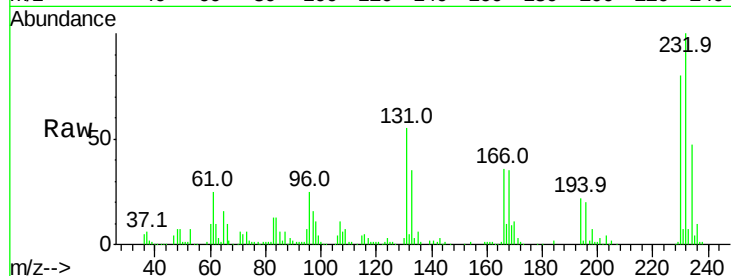




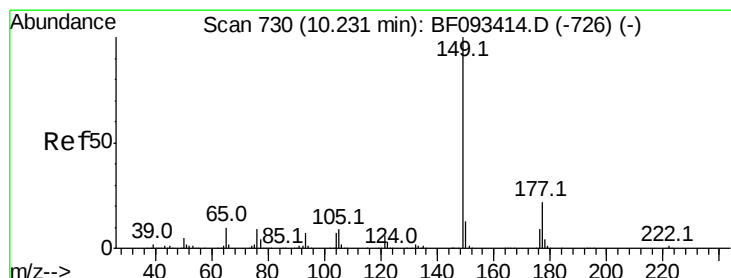
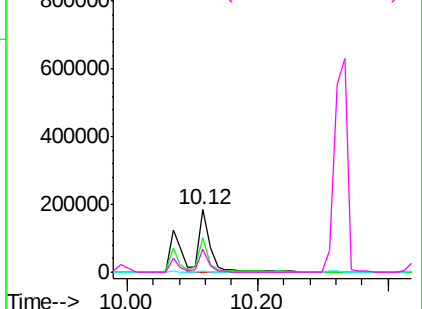
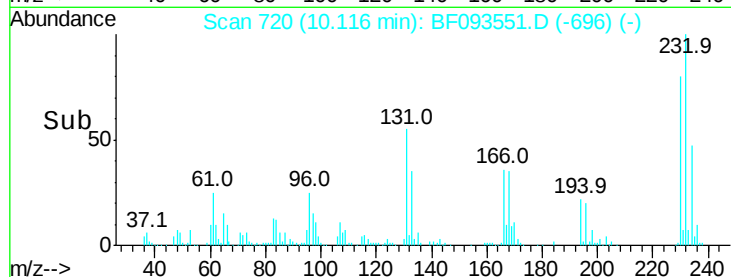
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.47 ng
 RT: 10.12 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.1	40.1	60.1
130	2.4	1.8	2.8
166	31.1	26.6	39.8

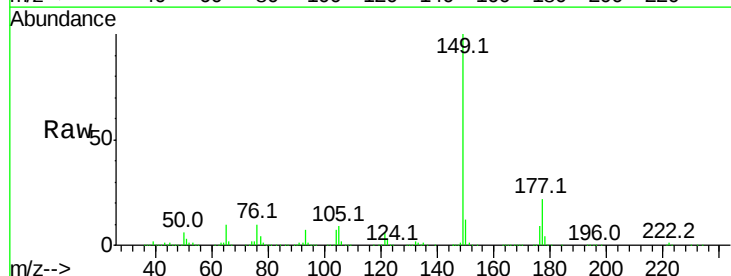


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

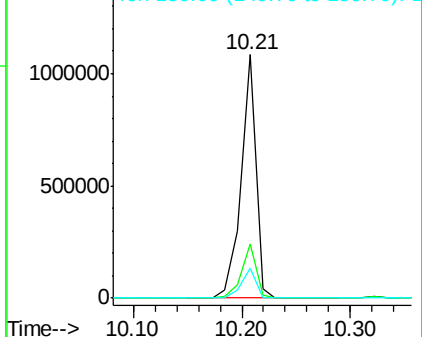
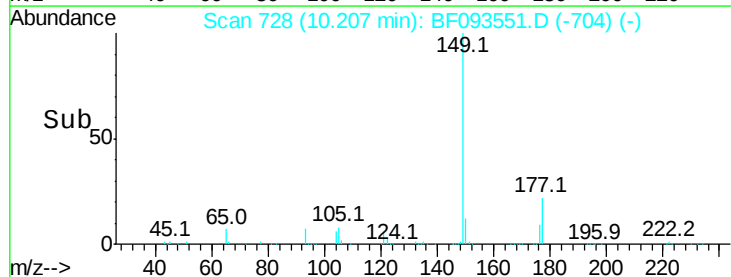


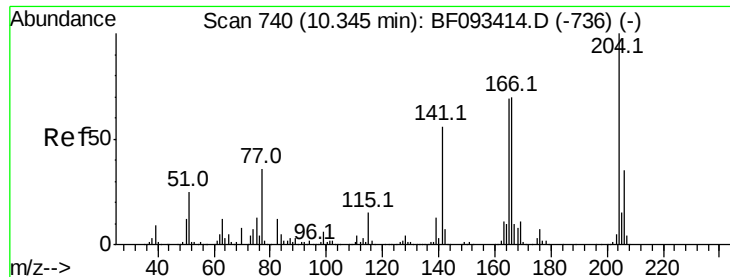
#59
 Diethylphthalate
 Concen: 47.57 ng
 RT: 10.21 min Scan# 728
 Delta R.T. -0.02 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	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

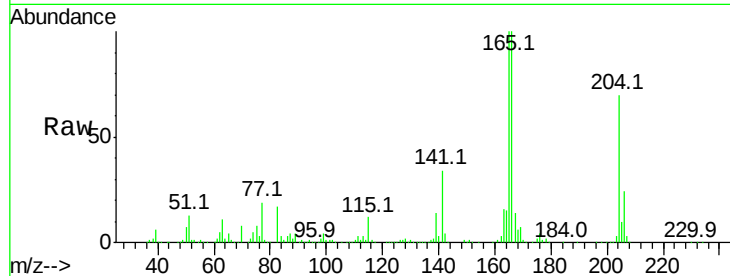




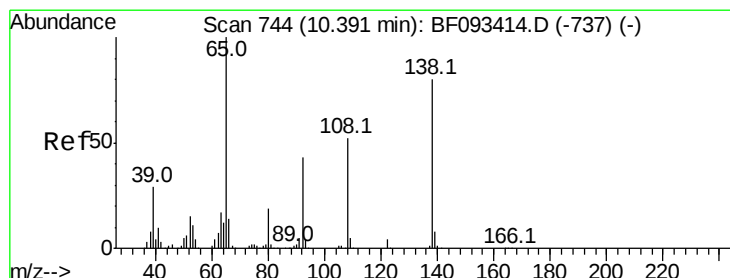
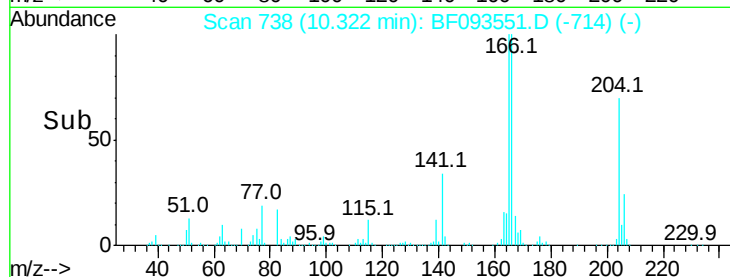
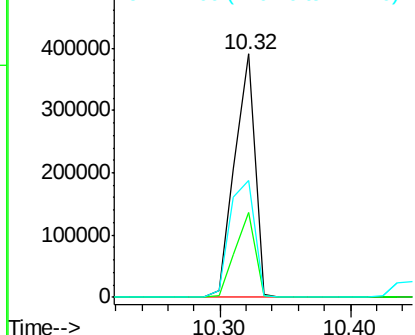
#60
4-Chlorophenyl-phenylether
Concen: 48.88 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 421752
Ion Ratio Lower Upper
204 100
206 34.6 25.8 38.6
141 48.2 59.4 89.0#

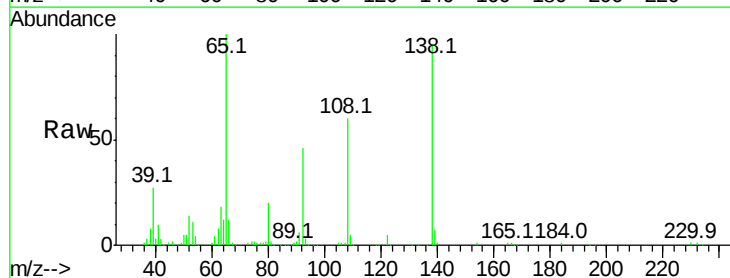


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

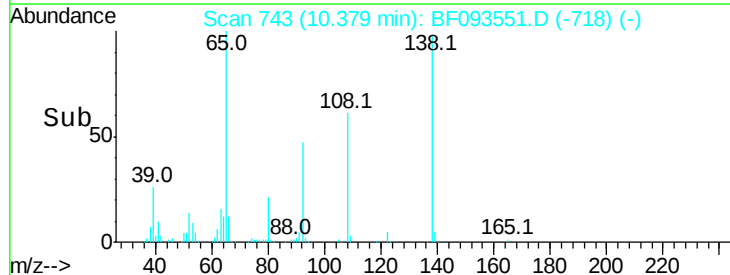
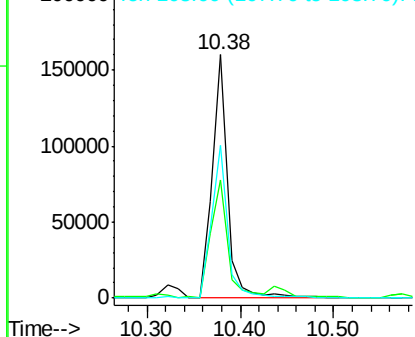


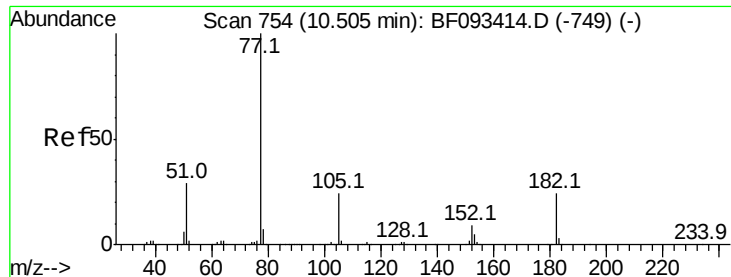
#61
4-Nitroaniline
Concen: 31.08 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion:138 Resp: 185404
Ion Ratio Lower Upper
138 100
92 48.5 31.7 71.7
108 62.7 52.6 92.6



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





#62

Azobenzene

Concen: 49.85 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

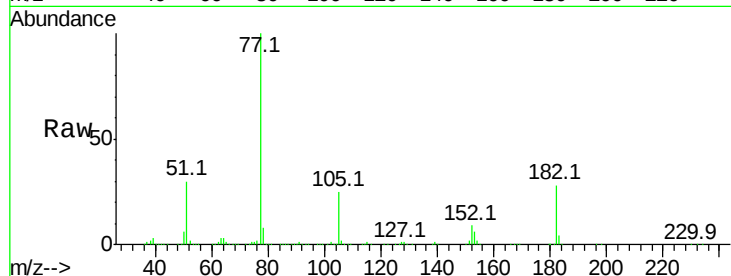
Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1197856

Ion	Ratio	Lower	Upper
77	100		
182	28.0	0.0	39.3
105	25.2	2.3	42.3
51	29.6	8.9	48.9

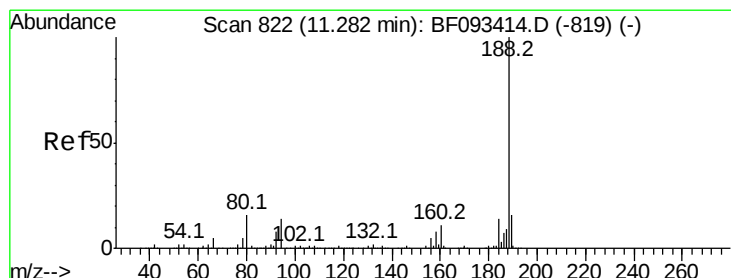
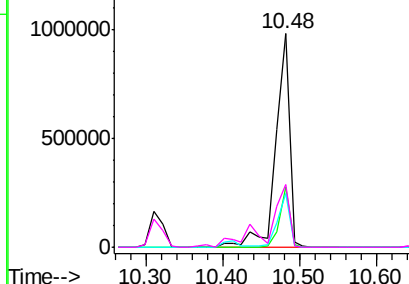
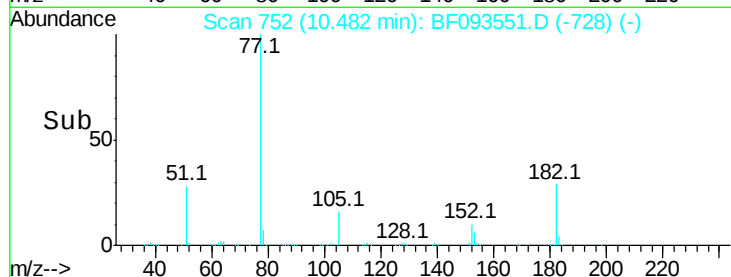


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

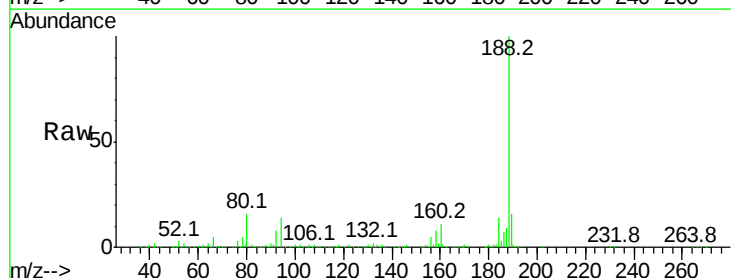
Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Tgt Ion: 188 Resp: 599296

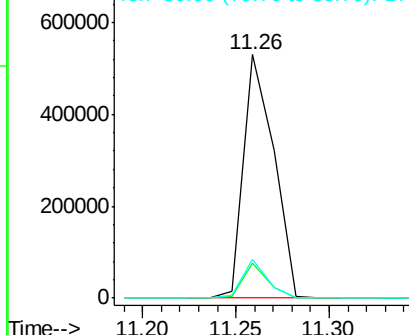
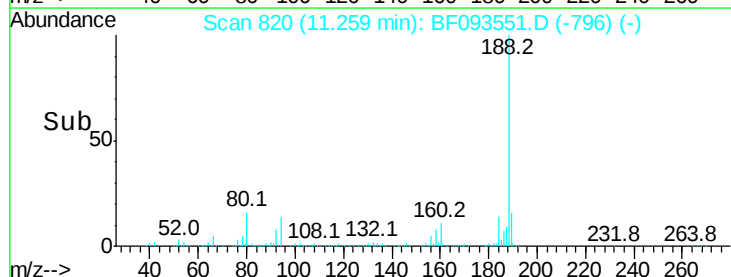
Ion	Ratio	Lower	Upper
188	100		
94	14.4	10.0	15.0
80	16.1	11.2	16.8

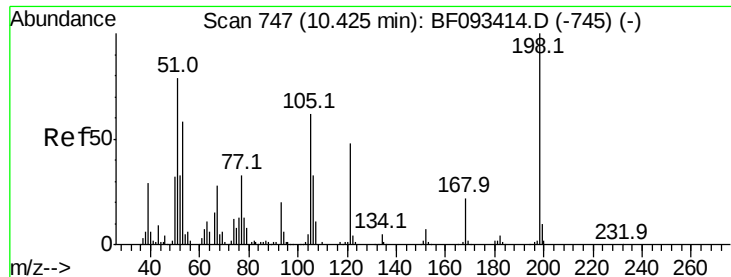


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 30.63 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

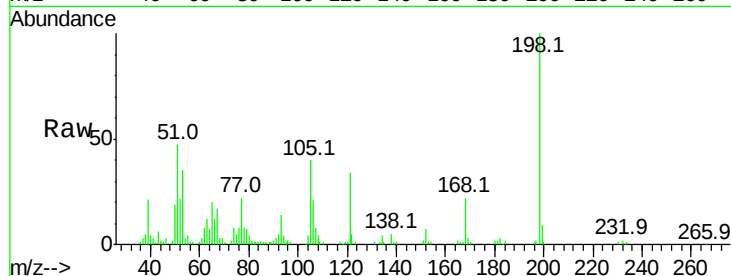
Tot Ion:198 Resp: 118944

Ion Ratio Lower Upper

198 100

51 46.7 6.7 46.7

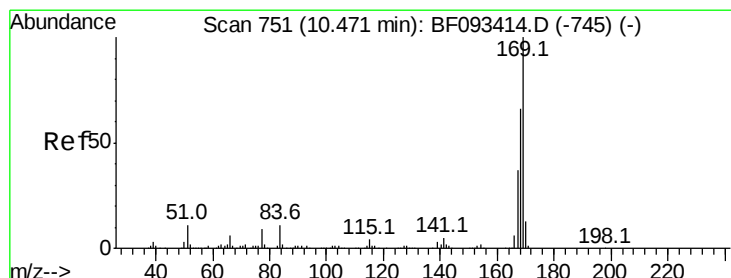
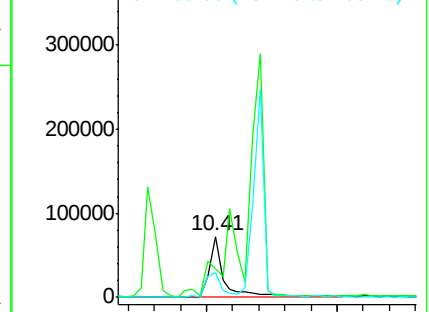
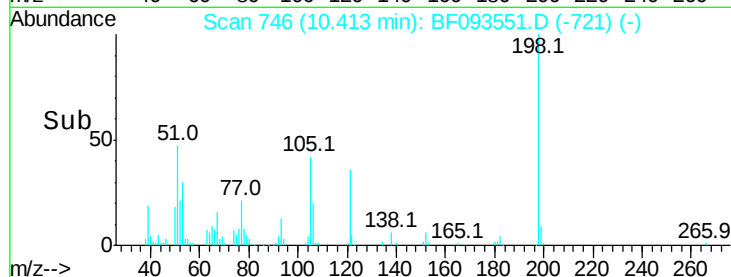
105 40.1 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 34.74 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

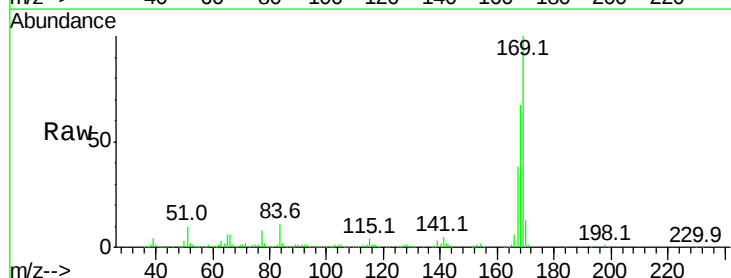
Tgt Ion:169 Resp: 695275

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

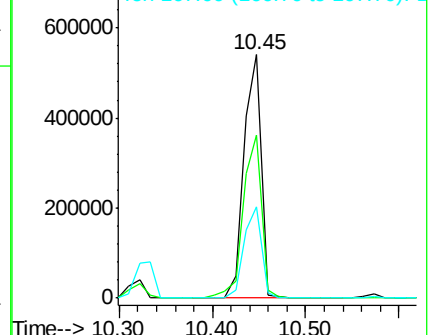
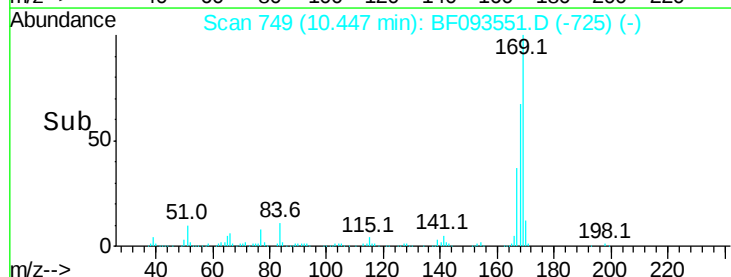
167 37.6 30.2 45.4

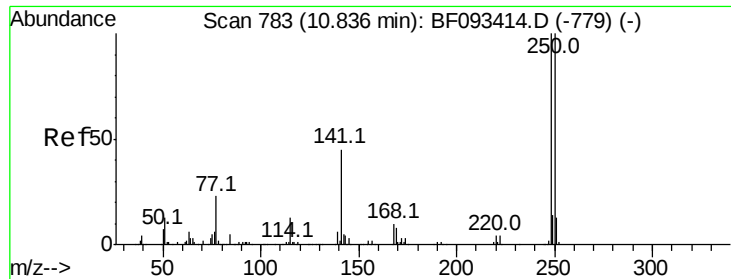


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 37.23 ng

RT: 10.80 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

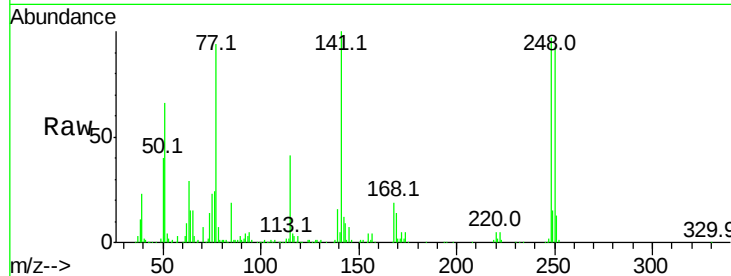
Tot Ion:248 Resp: 235959

Ion Ratio Lower Upper

248 100

250 95.7 76.9 115.3

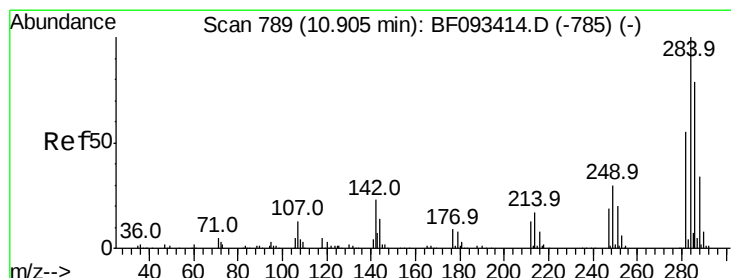
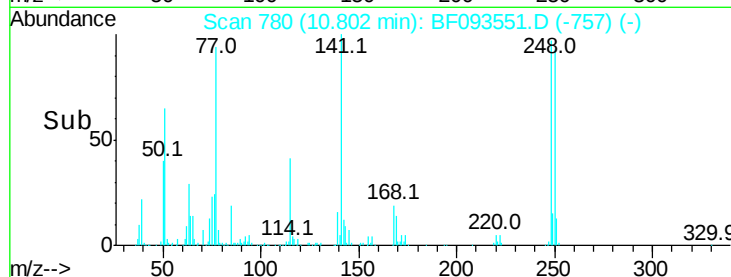
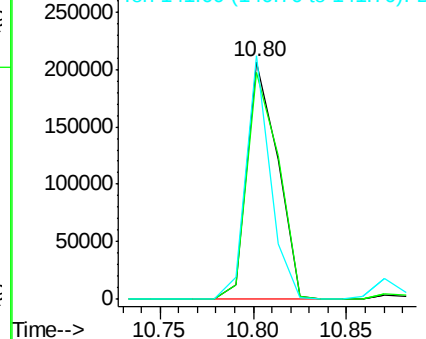
141 102.6 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 39.71 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

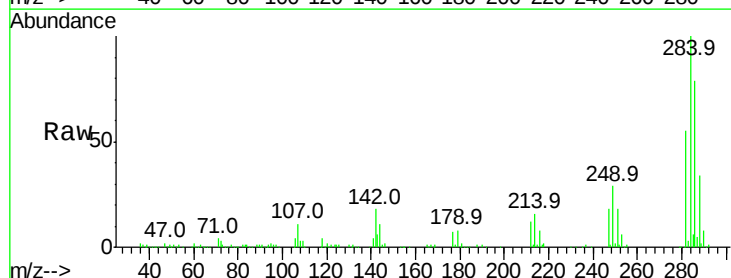
Tgt Ion:284 Resp: 240312

Ion Ratio Lower Upper

284 100

142 17.7 22.6 33.8#

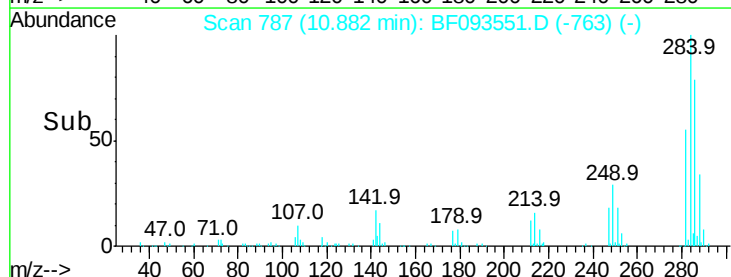
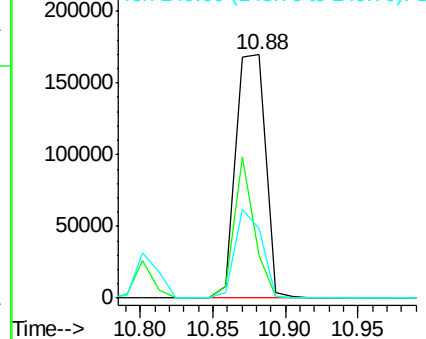
249 28.7 25.4 38.0

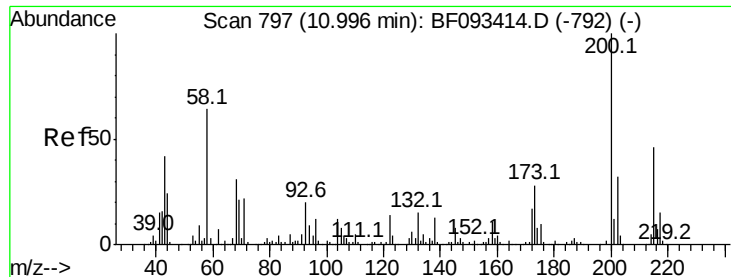


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 25.71 ng

RT: 10.97 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

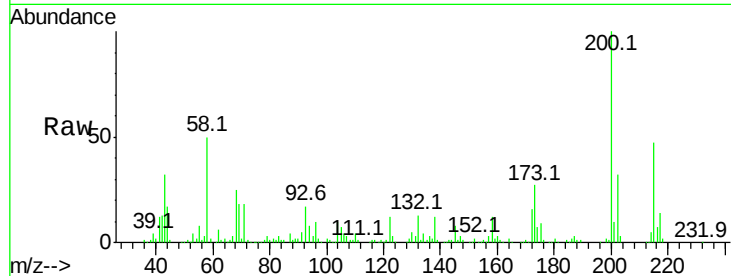
Tot Ion:200 Resp: 150576

Ion Ratio Lower Upper

200 100

173 27.4 9.6 49.6

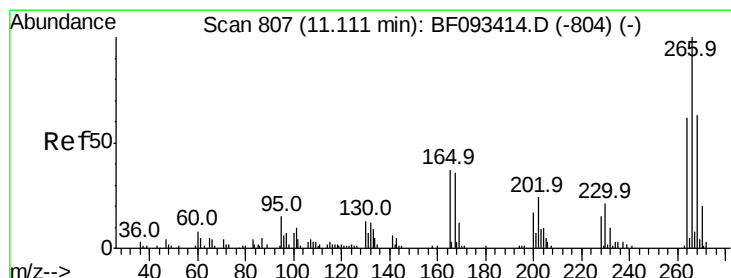
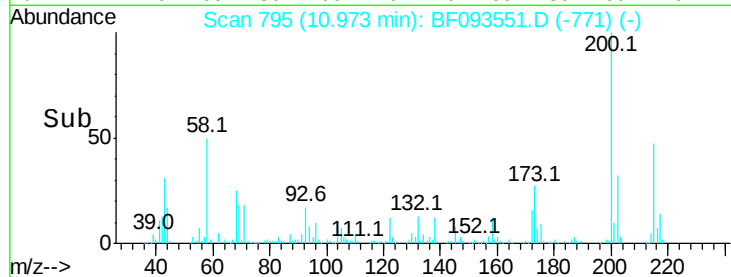
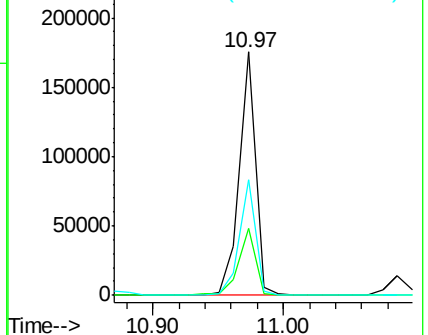
215 47.3 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 48.06 ng

RT: 11.09 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

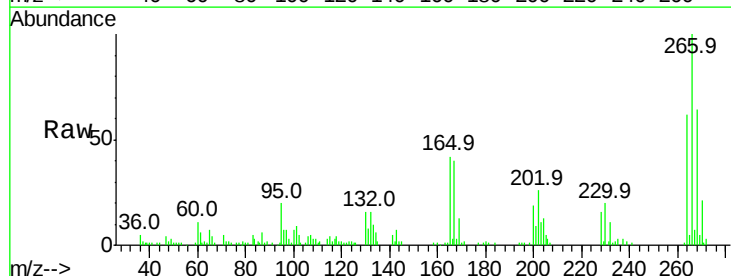
Tgt Ion:266 Resp: 100419

Ion Ratio Lower Upper

266 100

268 64.4 53.3 79.9

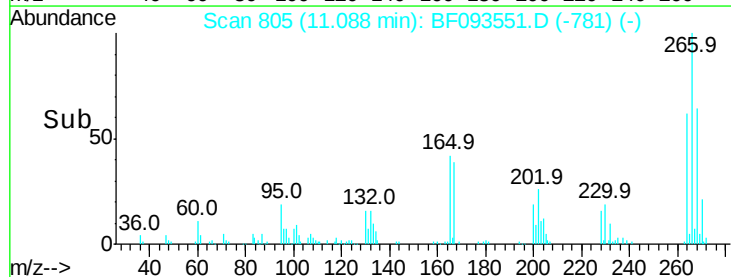
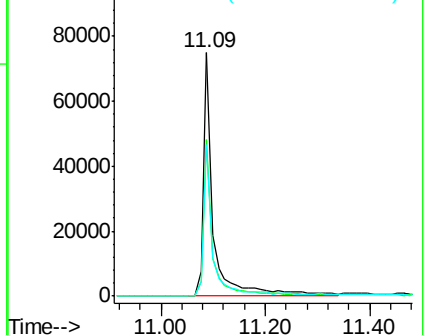
264 62.4 50.3 75.5

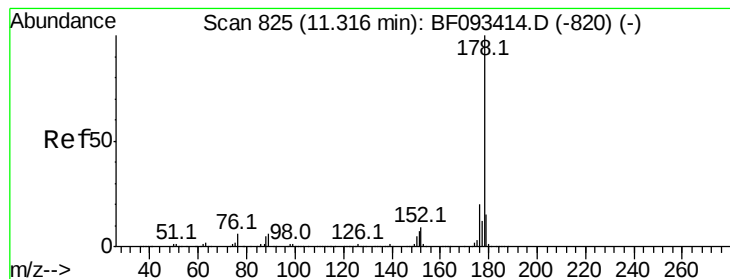


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 38.98 ng

RT: 11.29 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

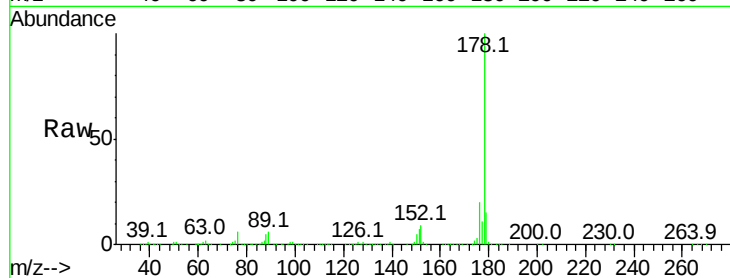
Tot Ion:178 Resp: 1333447

Ion Ratio Lower Upper

178 100

176 19.7 16.6 25.0

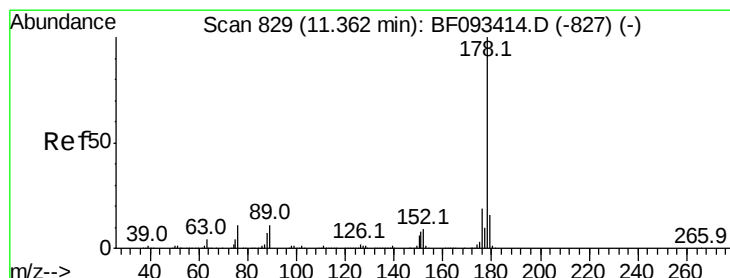
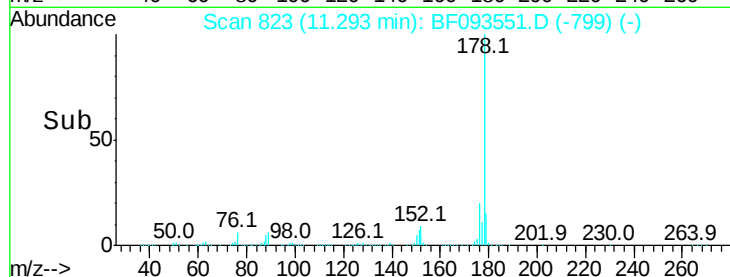
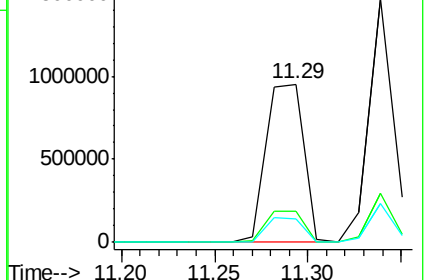
179 14.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 38.82 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

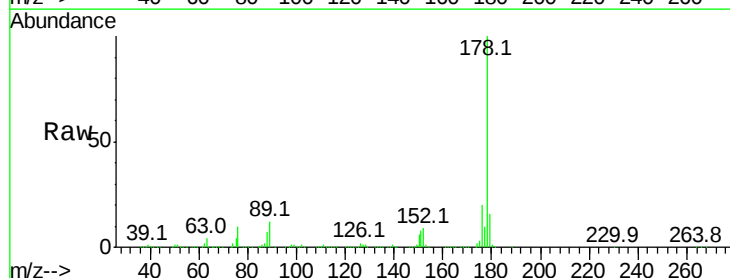
Tgt Ion:178 Resp: 1343276

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

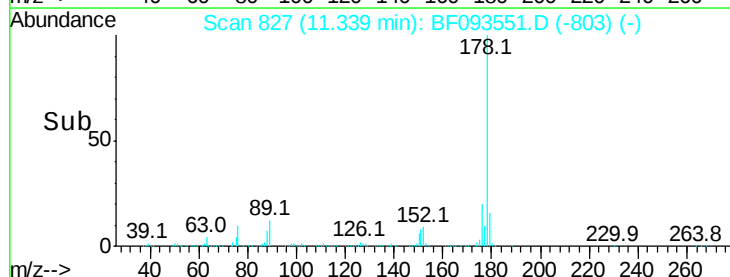
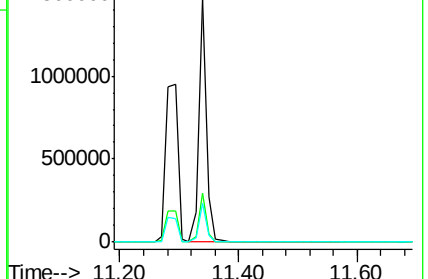
179 16.0 13.2 19.8

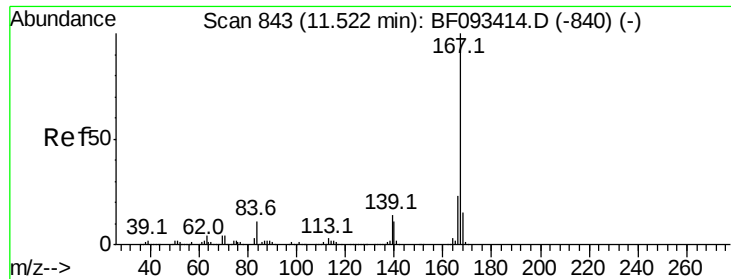


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

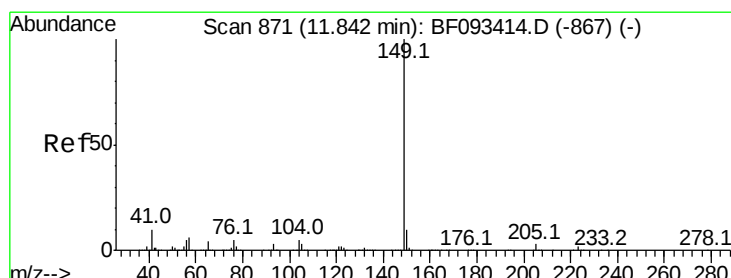
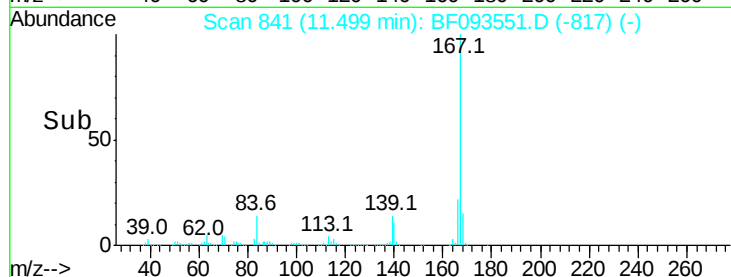
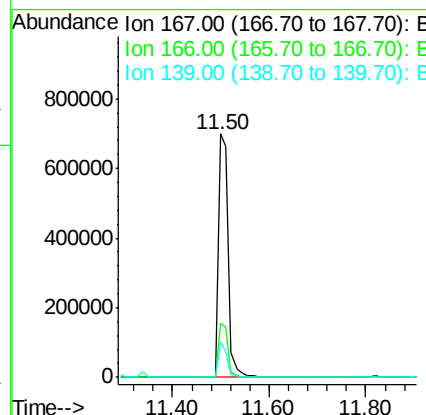
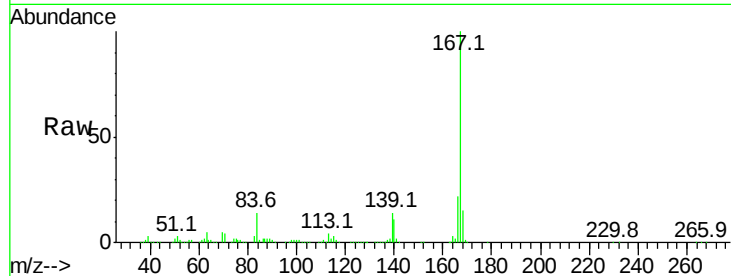




#72
 Carbazole
 Concen: 31.49 ng
 RT: 11.50 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

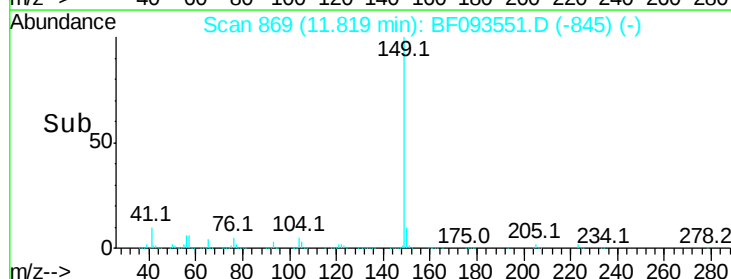
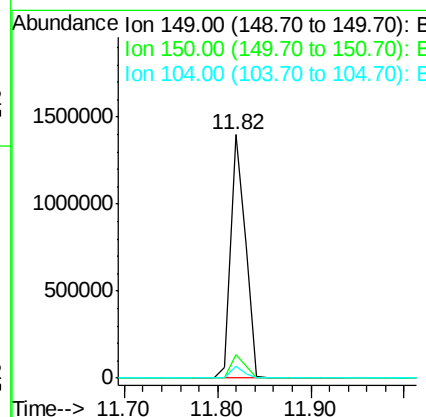
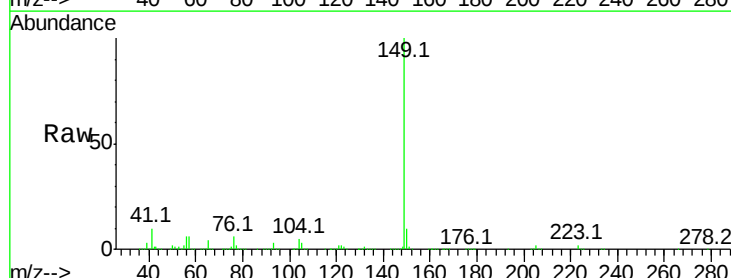
Instrument :
 BNA_F
 ClientSampleId :

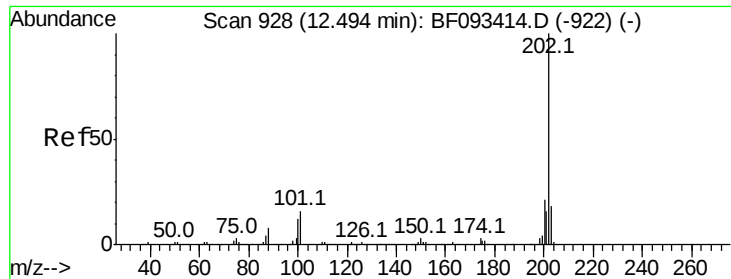
Tot Ion:167 Resp: 1023576
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 14.3 11.4 17.2



#73
 Di-n-butylphthalate
 Concen: 40.81 ng
 RT: 11.82 min Scan# 869
 Delta R.T. -0.02 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Tgt Ion:149 Resp: 1534919
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.1 12.1
 104 5.0 4.6 7.0





#74

Fluoranthene

Concen: 40.82 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

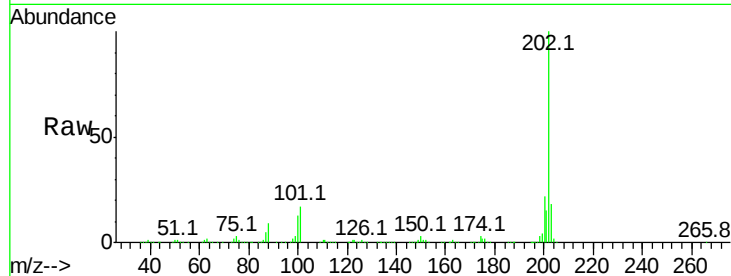
Tot Ion:202 Resp: 1348773

Ion Ratio Lower Upper

202 100

101 17.5 0.0 34.6

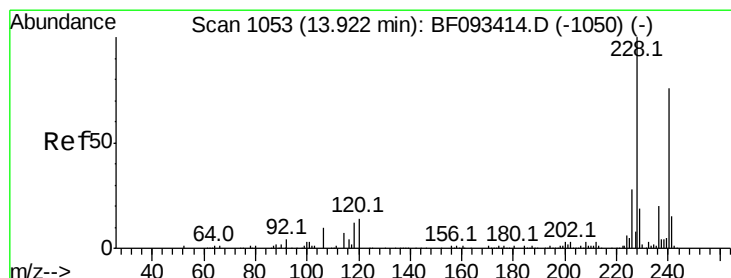
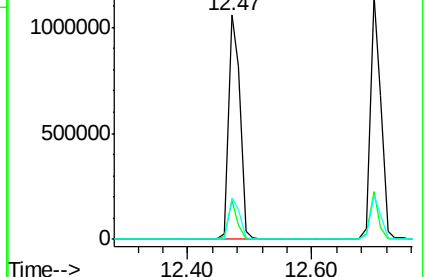
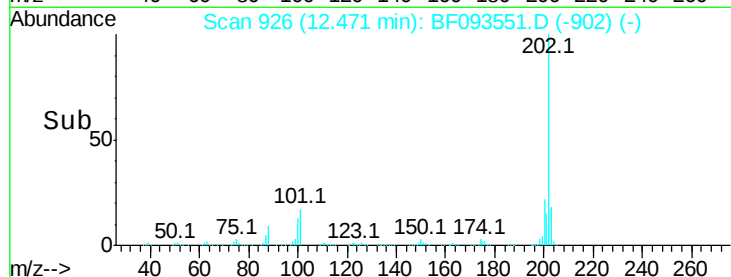
203 18.2 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

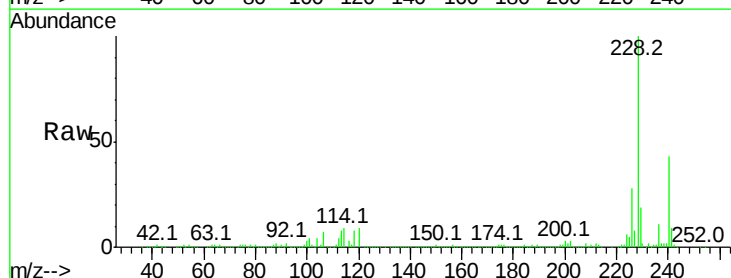
Tgt Ion:240 Resp: 473551

Ion Ratio Lower Upper

240 100

120 21.3 12.9 19.3#

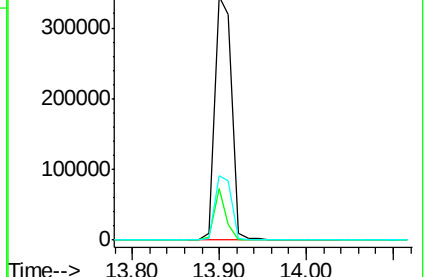
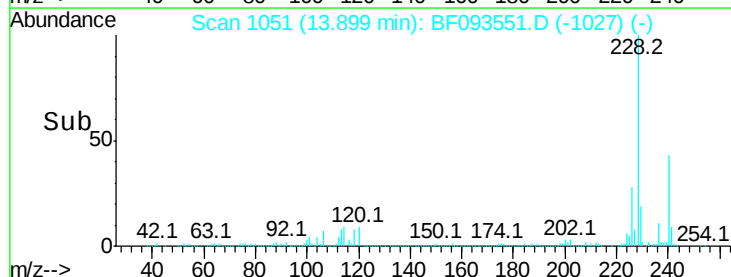
236 26.4 20.9 31.3

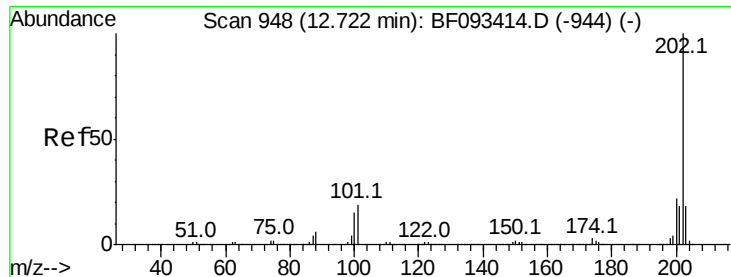


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

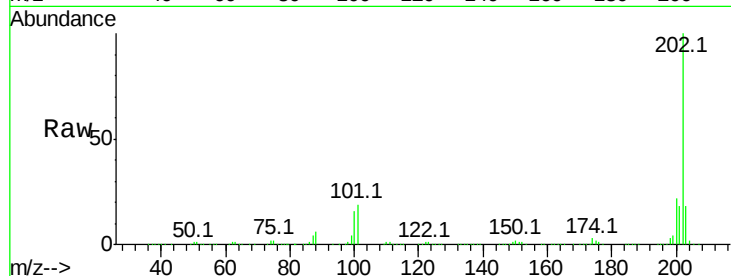




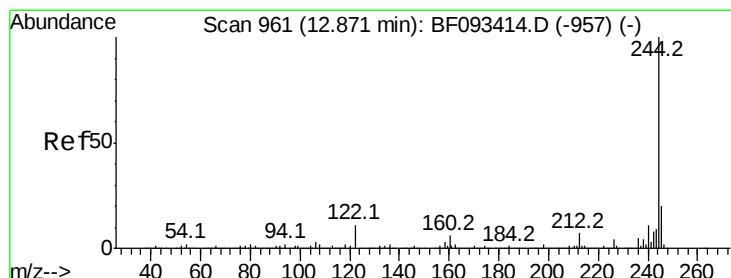
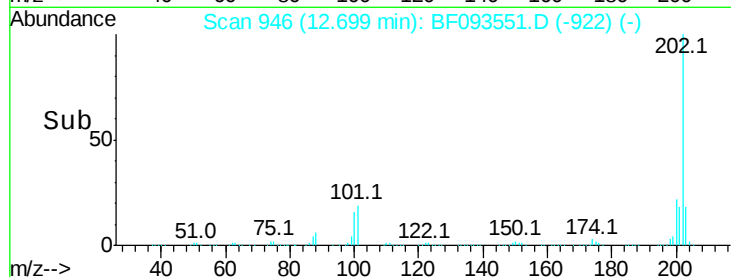
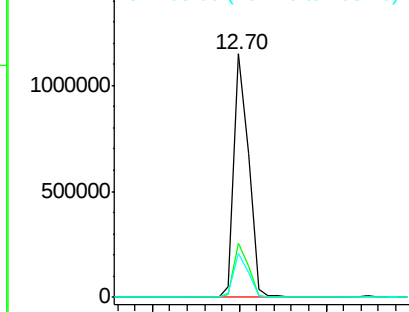
#77
Pvrene
Concen: 38.52 ng
RT: 12.70 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1326665
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.3 14.7 22.1

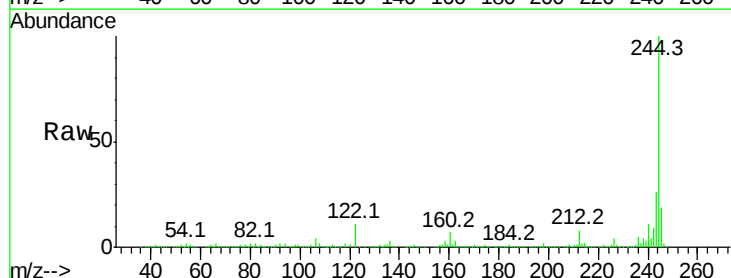


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

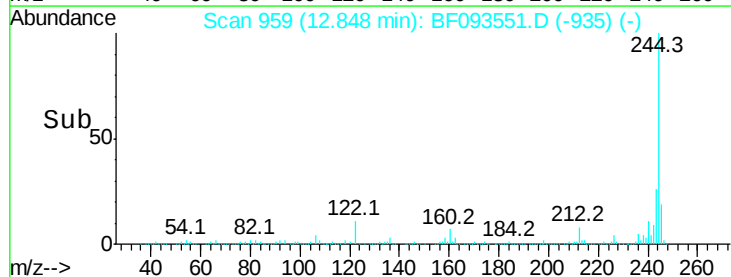
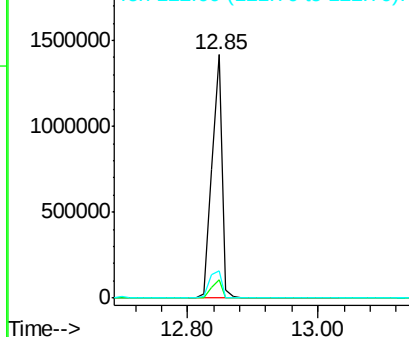


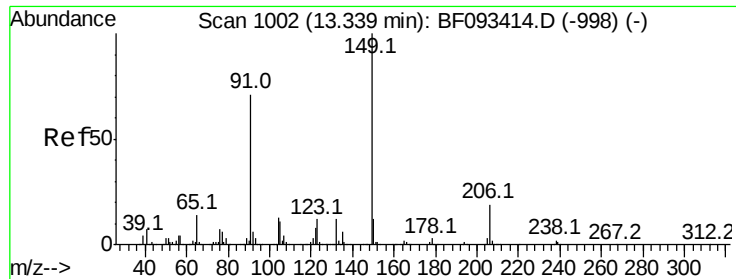
#78
Terphenyl-d14
Concen: 84.95 ng
RT: 12.85 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion:244 Resp: 1547309
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 11.2 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

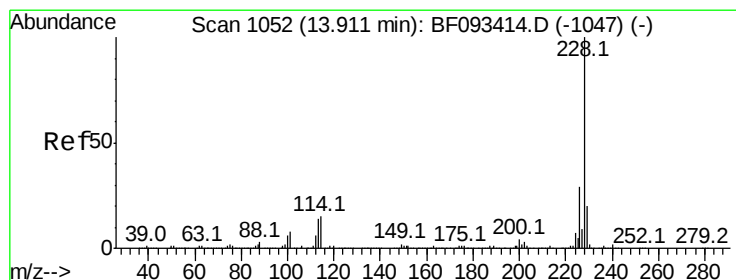
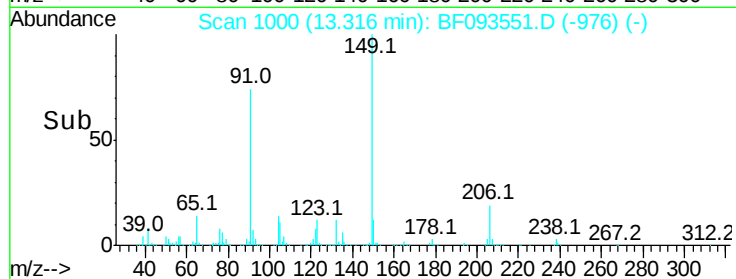
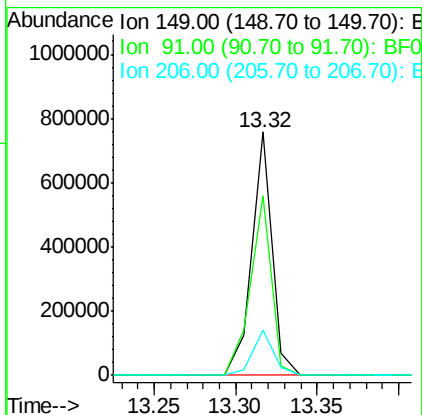
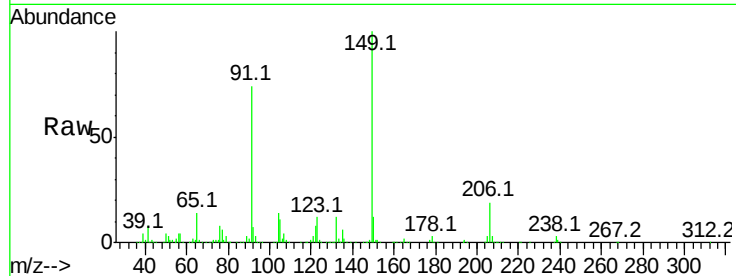




#79
Butylbenzylphthalate
Concen: 45.42 ng
RT: 13.32 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

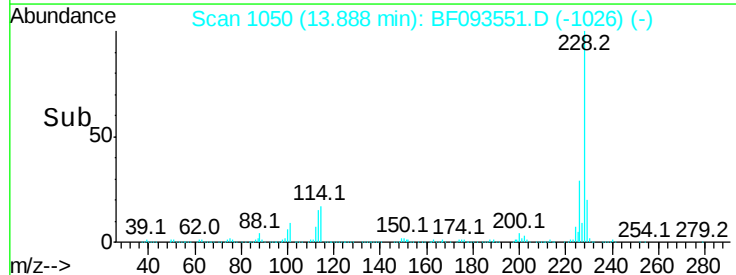
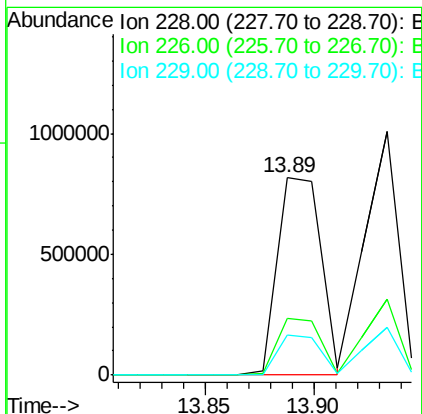
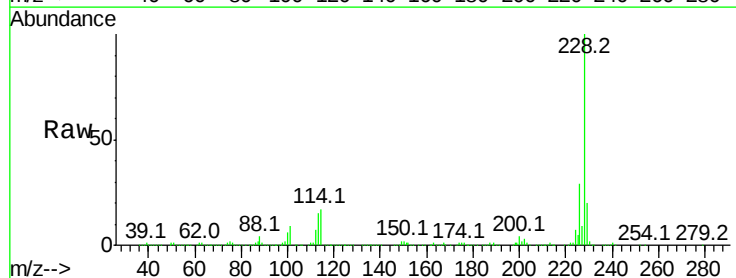
Instrument :
BNA_F
ClientSampleId :

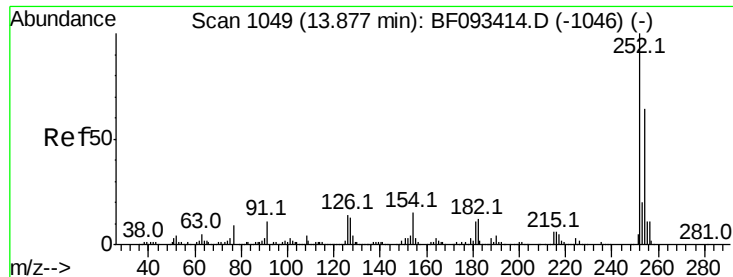
Tot Ion:149 Resp: 658502
Ion Ratio Lower Upper
149 100
91 74.0 63.9 95.9
206 18.6 14.6 21.8



#80
Benzo(a)anthracene
Concen: 40.84 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion:228 Resp: 1141982
Ion Ratio Lower Upper
228 100
226 28.6 22.4 33.6
229 20.3 16.2 24.4

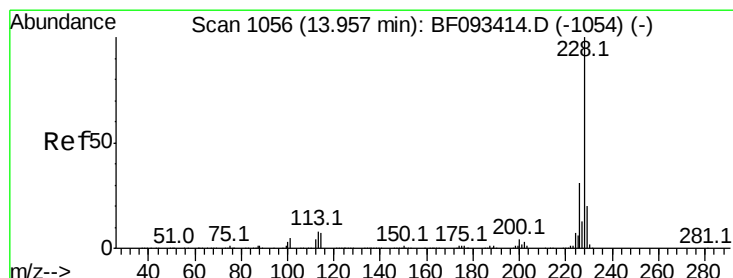
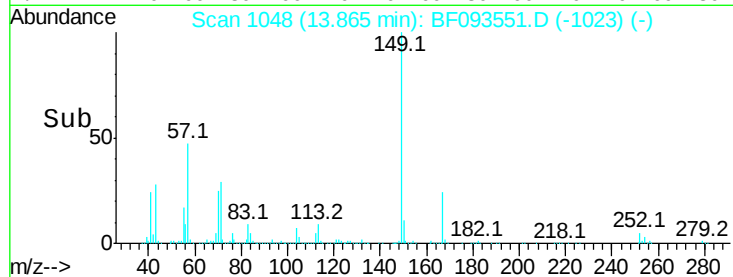
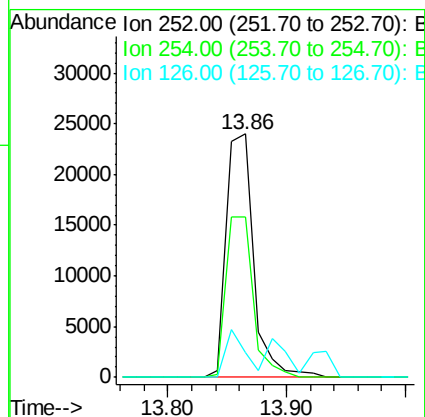
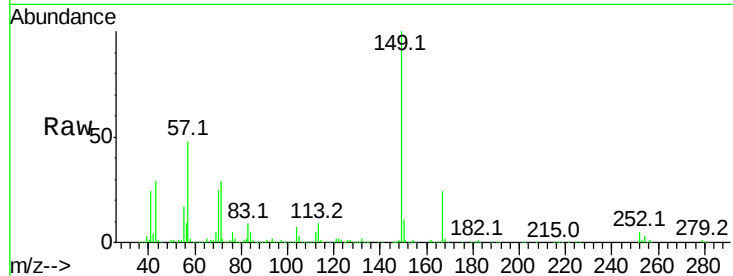




#81
 3,3'-Dichlorobenzidine
 Concen: 3.90 ng
 RT: 13.86 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

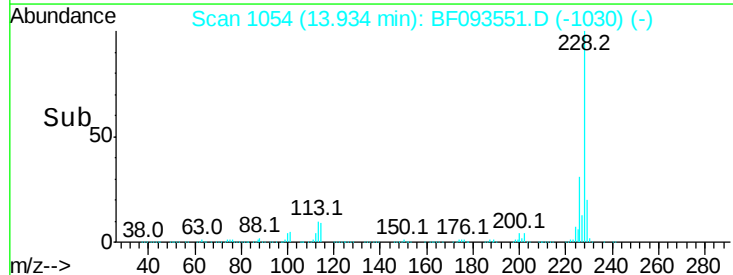
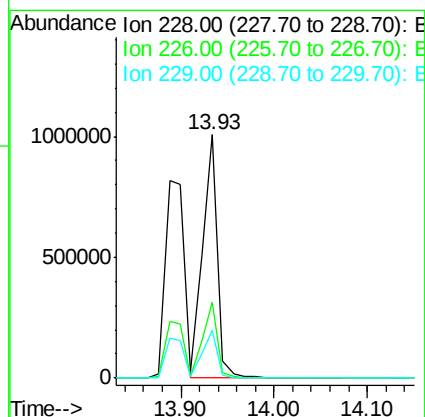
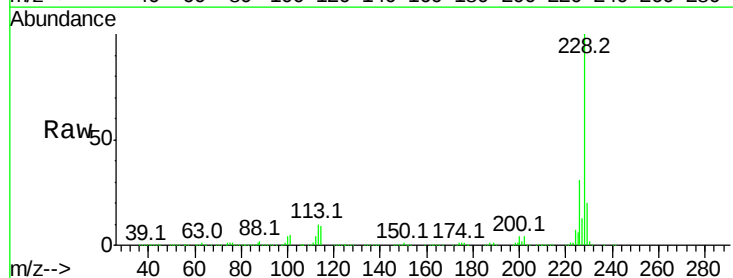
Instrument :
 BNA_F
 ClientSampleId :

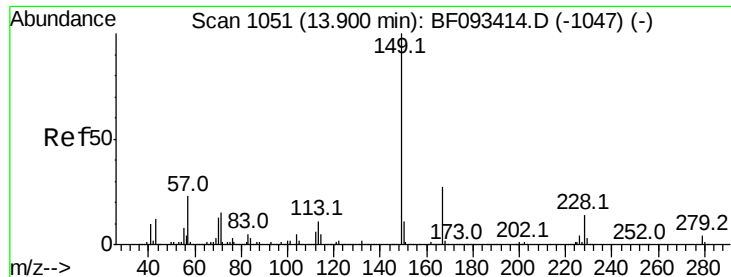
Tot Ion:252 Resp: 38208
 Ion Ratio Lower Upper
 252 100
 254 66.0 52.3 78.5
 126 10.3 13.6 20.4#



#82
 Chrysene
 Concen: 43.11 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Tgt Ion:228 Resp: 1115443
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.4 38.0
 229 19.7 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.99 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

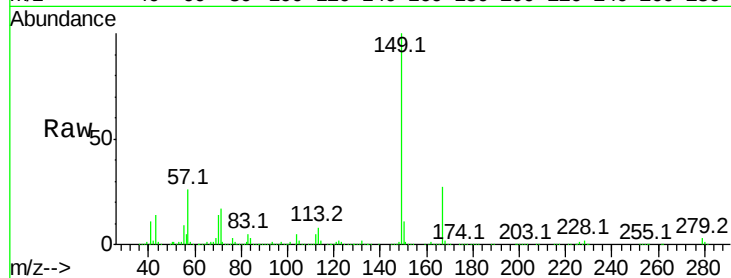
Tot Ion:149 Resp: 989992

Ion Ratio Lower Upper

149 100

167 27.2 20.2 30.4

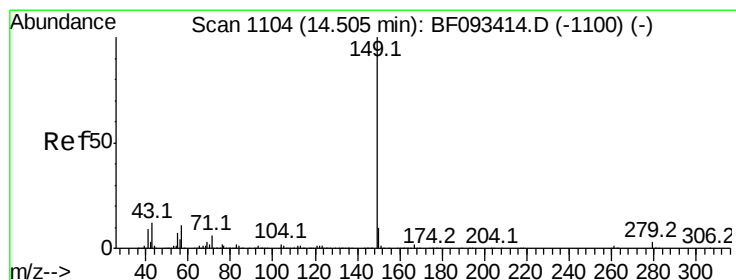
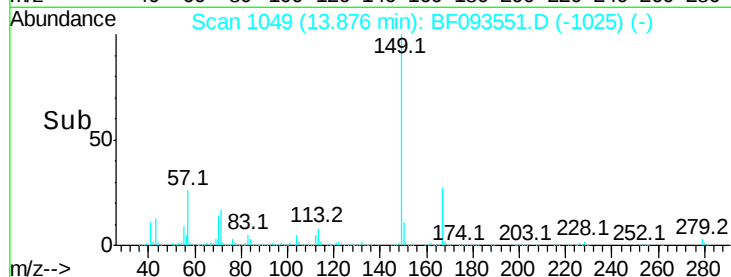
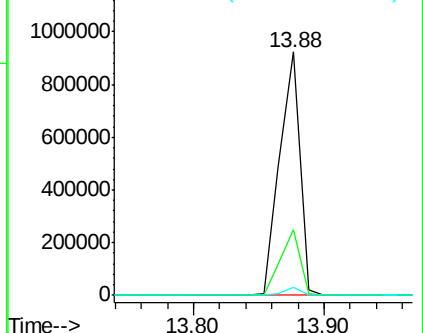
279 3.3 1.8 2.8#



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: 44.36 ng

RT: 14.48 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

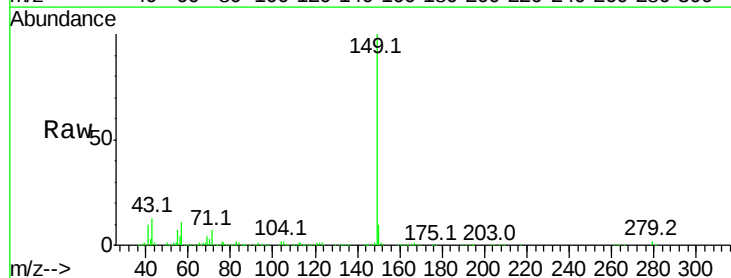
Tgt Ion:149 Resp: 1493919

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

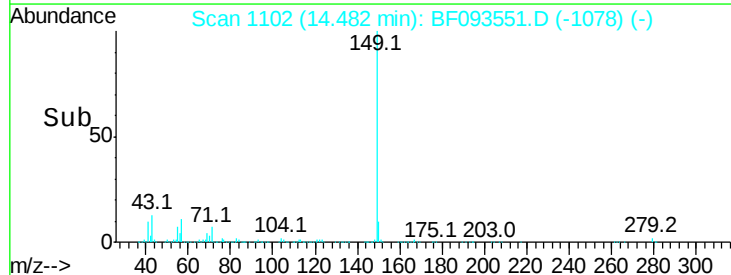
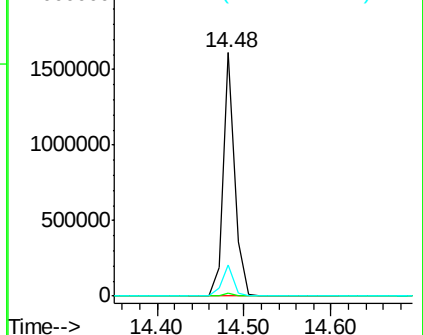
43 12.8 8.9 13.3

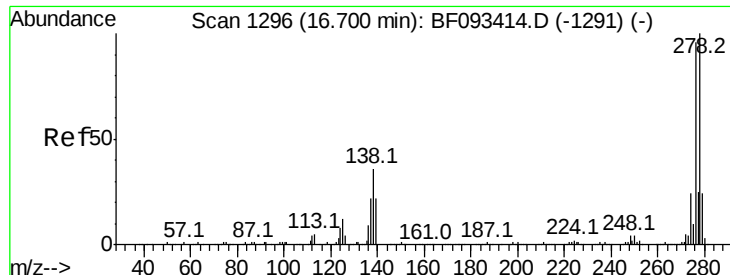


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

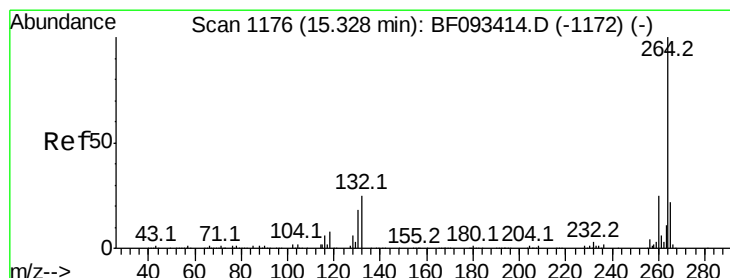
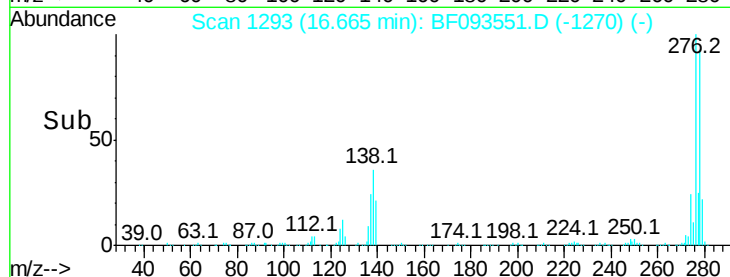
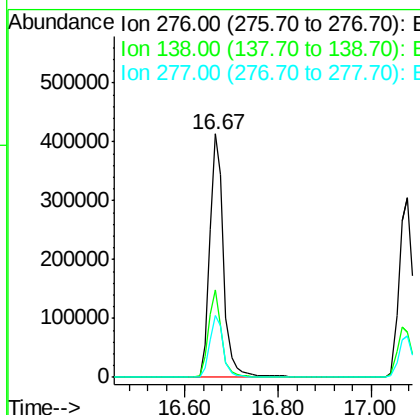
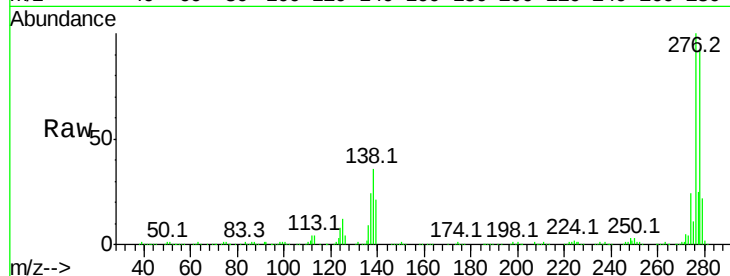




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.95 ng
RT: 16.67 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

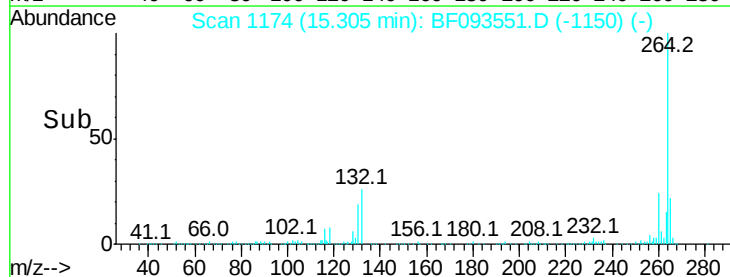
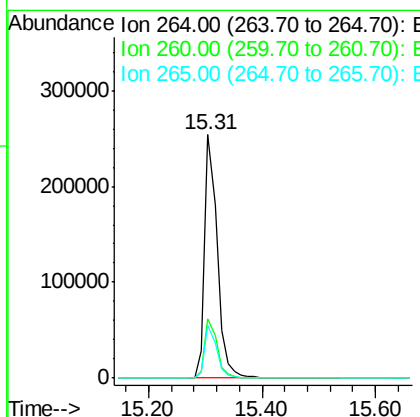
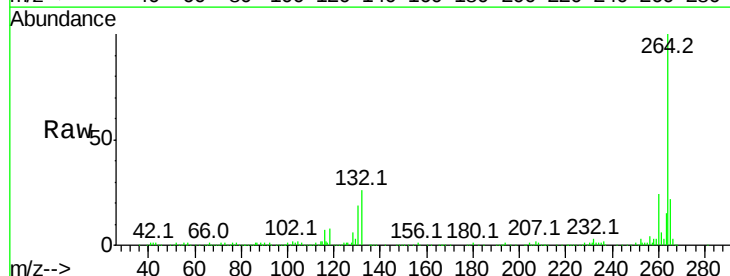
Instrument :
BNA_F
ClientSampleId :

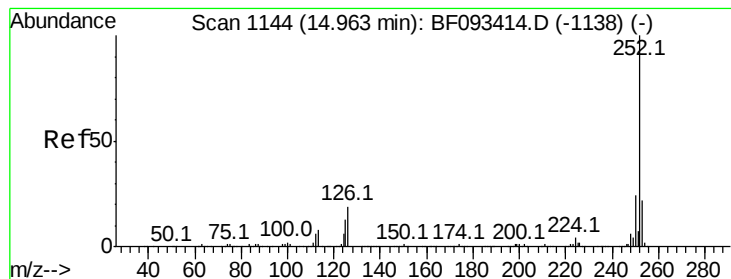
Tot Ion:276 Resp: 865289
Ion Ratio Lower Upper
276 100
138 34.1 21.8 32.6#
277 25.2 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion:264 Resp: 375838
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.8 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 84.54 ng

RT: 14.92 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampled :

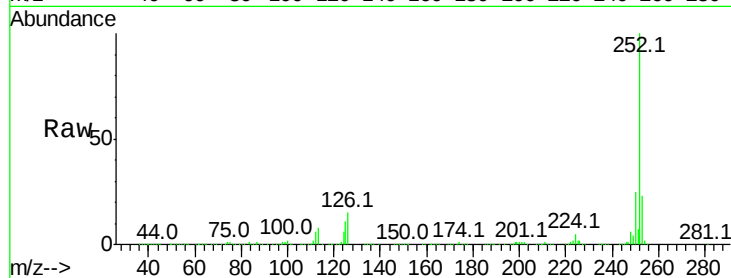
Tot Ion:252 Resp: 1935010

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

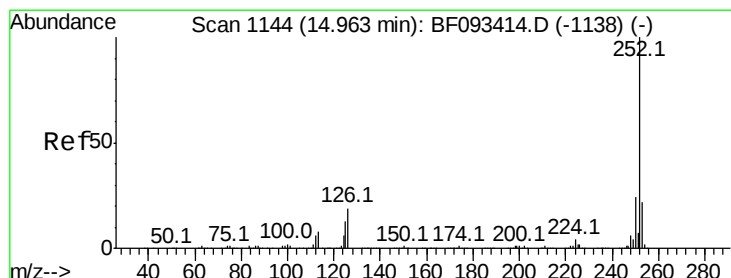
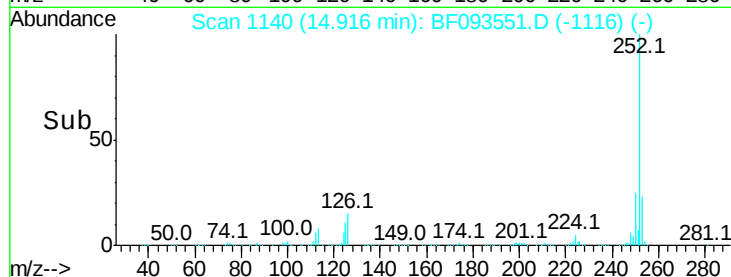
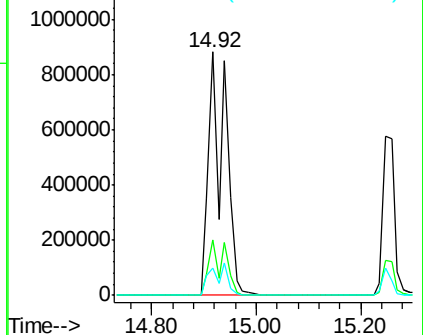
125 11.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 87.66 ng

RT: 14.92 min Scan# 1140

Delta R.T. -0.05 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

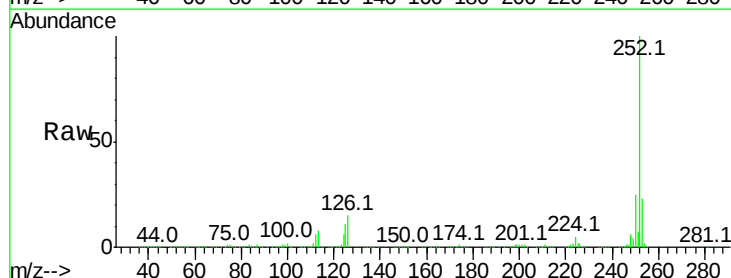
Tgt Ion:252 Resp: 1935010

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

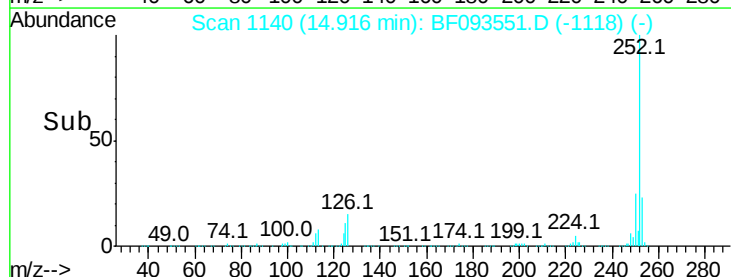
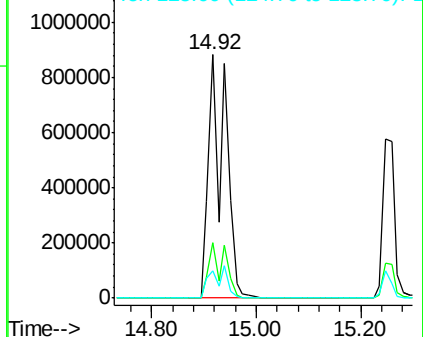
125 11.2 8.9 13.3

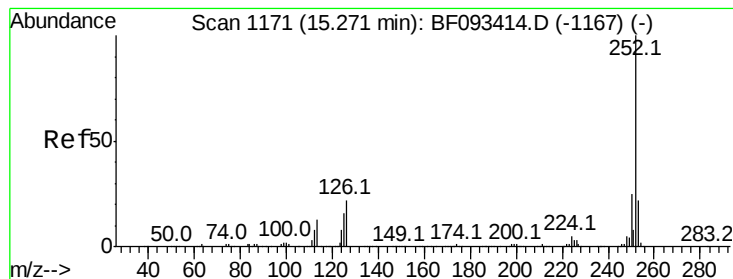


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.33 ng

RT: 15.25 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

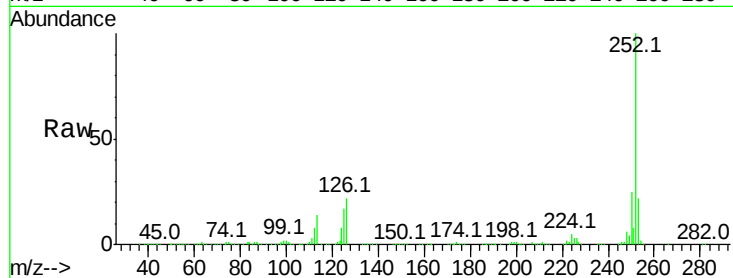
Tot Ion:252 Resp: 906470

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

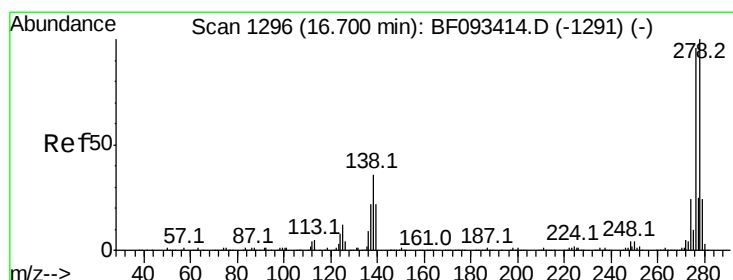
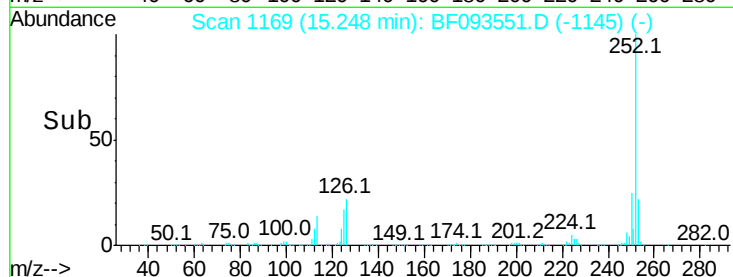
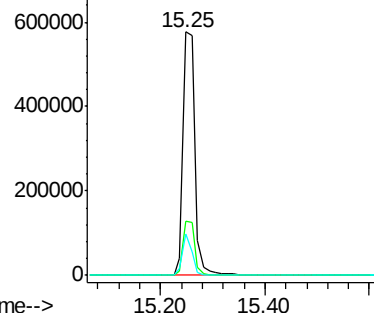
125 17.0 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.00 ng

RT: 16.67 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

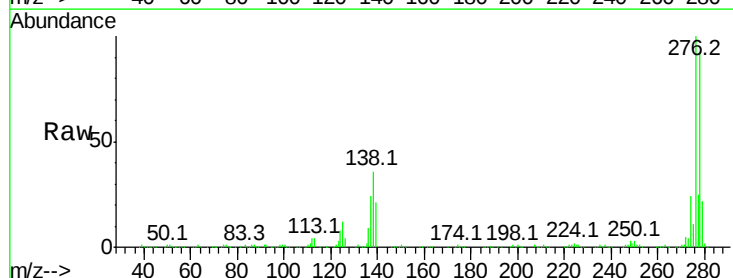
Tgt Ion:278 Resp: 744128

Ion Ratio Lower Upper

278 100

139 22.4 14.8 22.2#

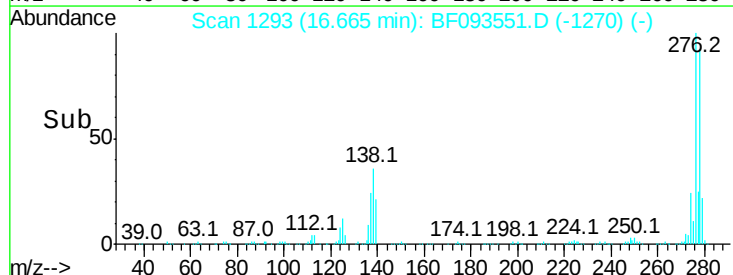
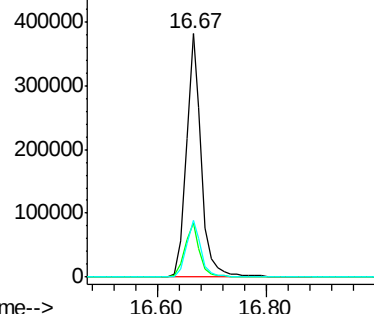
279 23.6 19.8 29.6

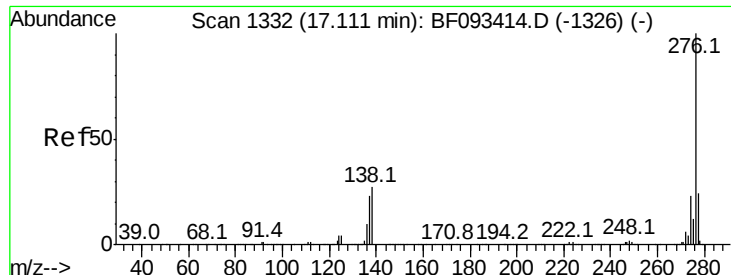


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.70 ng

RT: 17.08 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

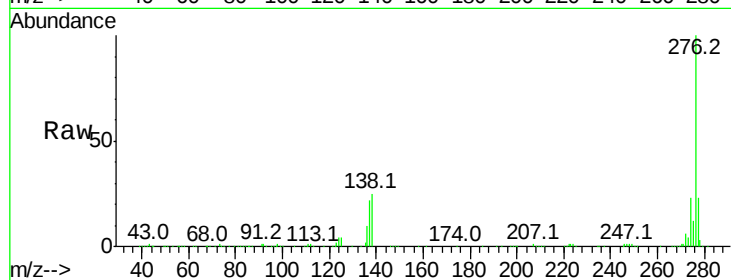
Tot Ion:276 Resp: 723029

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 25.5 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

