

Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093553.D
 Acq On : 11 Mar 2017 5:50
 Operator : SJ/MA
 Sample : PB97520BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 13:55:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	175881	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	694861	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	336872	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	615082	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	470786	20.00	ng	-0.02
86) Perylene-d12	15.31	264	371552	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1364655	129.13	ng	0.00
7) Phenol-d6	6.41	99	1682350	126.24	ng	0.00
23) Nitrobenzene-d5	7.32	82	1052859	84.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	280101	127.62	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1644848	90.82	ng	-0.03
78) Terphenyl-d14	12.85	244	1560949	86.20	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	223510	38.40	ng	# 84
3) Pyridine	2.98	79	583035	39.29	ng	88
4) n-Nitrosodimethylamine	2.96	42	338090	47.70	ng	86
6) Aniline	6.41	93	247616	13.54	ng	# 86
8) 2-Chlorophenol	6.54	128	502127	42.41	ng	97
9) Benzaldehyde	6.30	77	389159	59.66	ng	98
10) Phenol	6.42	94	777091	47.59	ng	# 75
11) bis(2-Chloroethyl)ether	6.48	93	526954	39.93	ng	89
12) 1,3-Dichlorobenzene	6.92	146	465640	34.36	ng	98
13) 1,4-Dichlorobenzene	6.76	146	570278	41.10	ng	98
14) 1,2-Dichlorobenzene	6.92	146	480452	39.10	ng	96
15) Benzyl Alcohol	6.90	79	415242	43.71	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	882516	40.25	ng	# 44
17) 2-Methylphenol	7.03	107	430603	43.00	ng	# 89
18) Hexachloroethane	7.25	117	193309	41.31	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	376871	41.13	ng	94
20) 3+4-Methylphenols	7.19	107	603430	46.46	ng	# 70
22) Acetophenone	7.17	105	725999	43.42	ng	# 93
24) Nitrobenzene	7.34	77	607374	43.15	ng	95
25) Isophorone	7.58	82	1076453	42.62	ng	98
26) 2-Nitrophenol	7.66	139	280841	43.73	ng	91
27) 2,4-Dimethylphenol	7.70	122	454778	43.53	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	643137	40.34	ng	98
29) 2,4-Dichlorophenol	7.91	162	449093	45.70	ng	93
30) 1,2,4-Trichlorobenzene	7.98	180	440519	42.15	ng	99
31) Naphthalene	8.05	128	1386307	39.81	ng	100
32) Benzoic acid	7.86	122	204443	37.66	ng	96
33) 4-Chloroaniline	8.13	127	80372	5.69	ng	98
34) Hexachlorobutadiene	8.16	225	226771	42.12	ng	99
35) Caprolactam	8.49	113	90107	26.85	ng	# 29
36) 4-Chloro-3-methylphenol	8.62	107	471838	44.98	ng	99
37) 2-Methylnaphthalene	8.74	142	962589	43.45	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	400949	43.59	ng	98
40) Hexachlorocyclopentadiene	8.88	237	211944	89.60	ng	97

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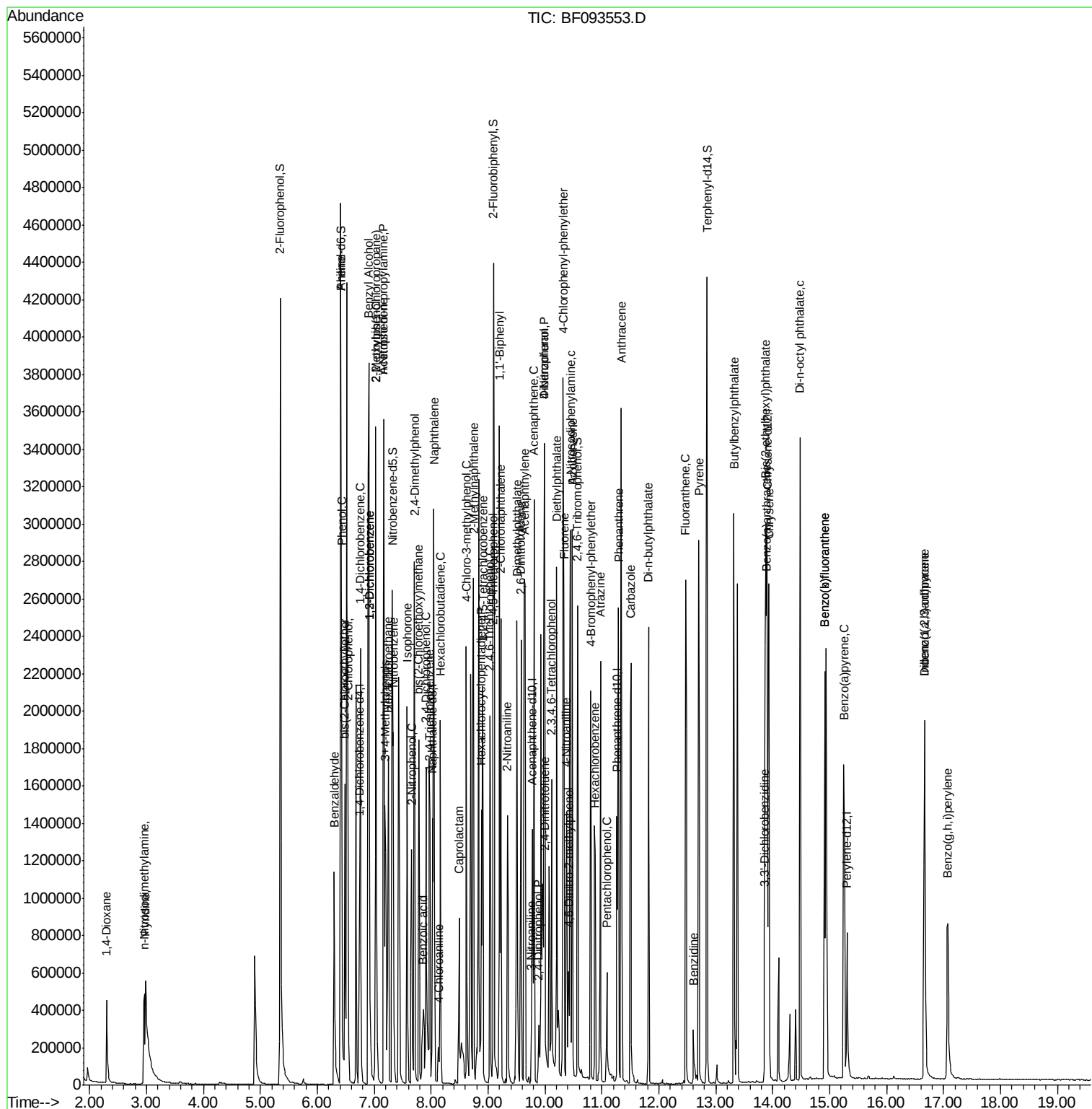
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	280909	48.88	nq	93
43) 2,4,5-Trichlorophenol	9.09	196	259512	42.08	nq #	89
45) 1,1'-Biphenyl	9.20	154	1092904	44.53	nq	97
46) 2-Chloronaphthalene	9.22	162	873617	46.51	nq	94
47) 2-Nitroaniline	9.34	65	310130	46.70	nq	87
48) Acenaphthylene	9.64	152	1335765	43.12	nq	99
49) Dimethylphthalate	9.51	163	1020241	45.68	nq	98
50) 2,6-Dinitrotoluene	9.58	165	215783	44.03	nq #	35
51) Acenaphthene	9.81	154	801820	43.77	nq	96
52) 3-Nitroaniline	9.76	138	46869	7.96	nq #	91
53) 2,4-Dinitrophenol	9.89	184	77660	34.80	nq #	74
54) Dibenzofuran	9.99	168	1199783	52.32	nq	94
55) 4-Nitrophenol	9.99	139	734382	256.81	nq #	14
56) 2,4-Dinitrotoluene	10.00	165	296642	49.27	nq #	72
57) Fluorene	10.33	166	953670	49.08	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	224783	51.65	nq	95
59) Diethylphthalate	10.21	149	1002011	46.94	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	452773	51.99	nq #	82
61) 4-Nitroaniline	10.38	138	234764	38.99	nq	96
62) Azobenzene	10.48	77	1315820	54.25	nq	94
64) 4,6-Dinitro-2-methylphenol	10.41	198	116988	29.36	nq	80
65) n-Nitrosodiphenylamine	10.45	169	869181	42.32	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	251242	38.63	nq #	90
67) Hexachlorobenzene	10.88	284	261696	42.14	nq #	92
68) Atrazine	10.97	200	224523	37.35	nq	99
69) Pentachlorophenol	11.09	266	92921	43.33	nq	95
70) Phenanthrene	11.29	178	1425153	40.59	nq	98
71) Anthracene	11.34	178	1367429	38.50	nq	100
72) Carbazole	11.51	167	1367375	40.98	nq	97
73) Di-n-butylphthalate	11.82	149	1589947	41.19	nq	98
74) Fluoranthene	12.47	202	1418439	41.83	nq	95
76) Benzidine	12.61	184	141285	9.13	nq	96
77) Pyrene	12.70	202	1378654	40.27	nq	100
79) Butylbenzylphthalate	13.32	149	678000	47.04	nq	98
80) Benzo(a)anthracene	13.89	228	1177802	42.36	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	170821	17.54	nq	99
82) Chrysene	13.93	228	1135630	44.15	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1000928	49.82	nq #	97
84) Di-n-octyl phthalate	14.48	149	1524087	45.52	nq	96
85) Indeno(1,2,3-cd)pyrene	16.67	276	872771	40.53	nq #	94
87) Benzo(b)fluoranthene	14.92	252	1922845	84.97	nq	98
88) Benzo(k)fluoranthene	14.92	252	1922845	88.11	nq	98
89) Benzo(a)pyrene	15.25	252	908056	43.91	nq #	95
90) Dibenzo(a,h)anthracene	16.67	278	736066	43.02	nq #	95
91) Benzo(g,h,i)perylene	17.08	276	742776	42.30	nq #	93

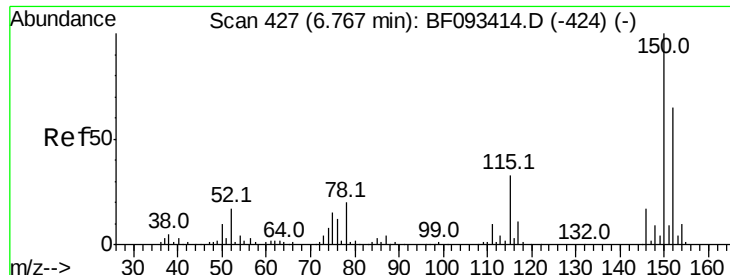
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

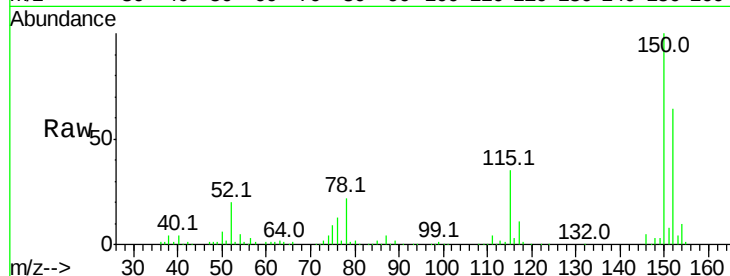
Tot Ion:152 Resp: 175881

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

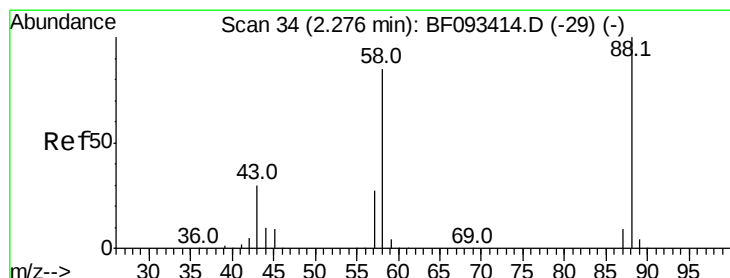
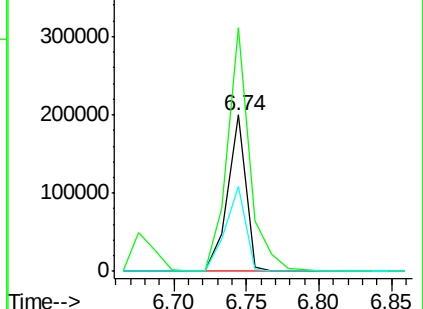
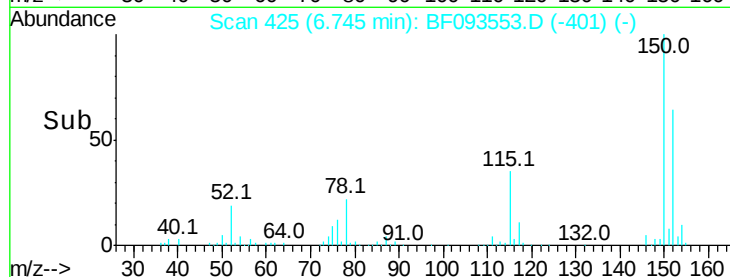
115 54.4 46.0 69.0



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: 38.40 ng

RT: 2.30 min Scan# 36

Delta R.T. 0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

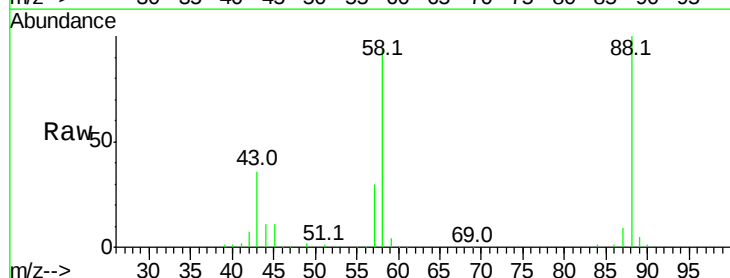
Tgt Ion: 88 Resp: 223510

Ion Ratio Lower Upper

88 100

58 87.6 57.8 86.8#

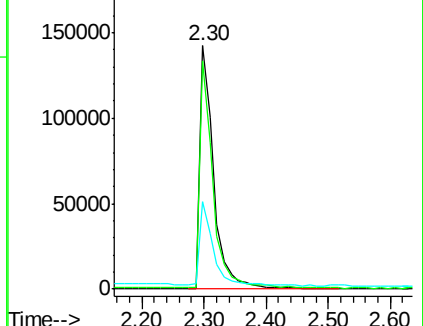
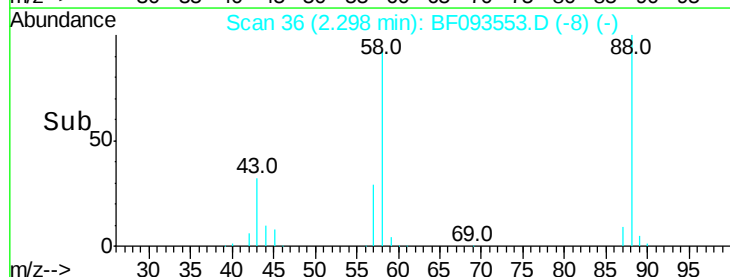
43 33.0 22.3 33.5

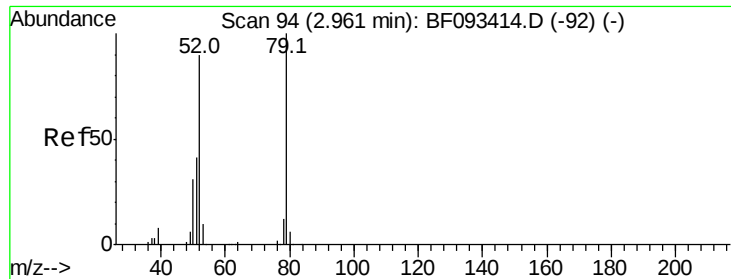


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.29 ng

RT: 2.98 min Scan# 96

Delta R.T. 0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

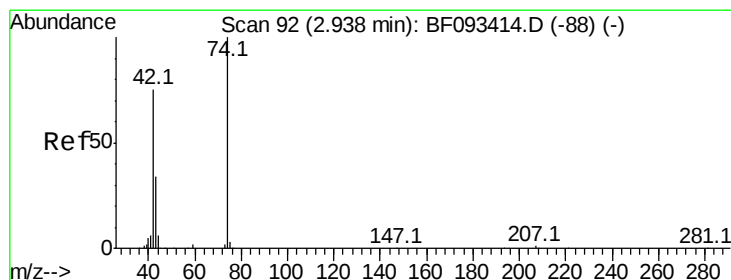
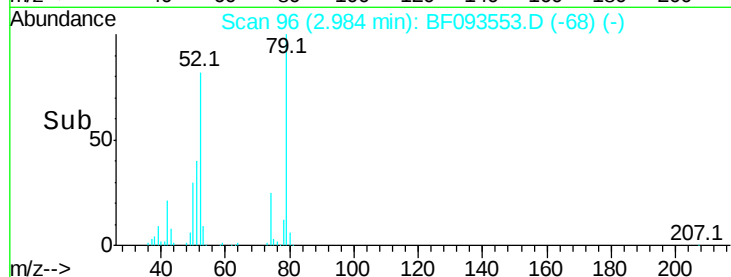
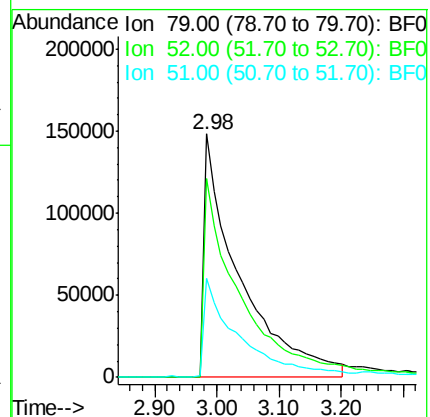
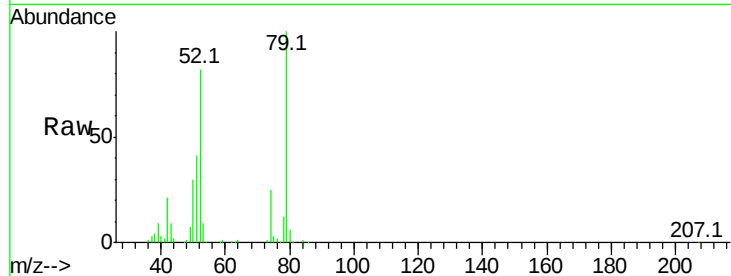
Tot Ion: 79 Resp: 583035

Ion Ratio Lower Upper

79 100

52 81.9 57.1 85.7

51 40.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 47.70 ng

RT: 2.96 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

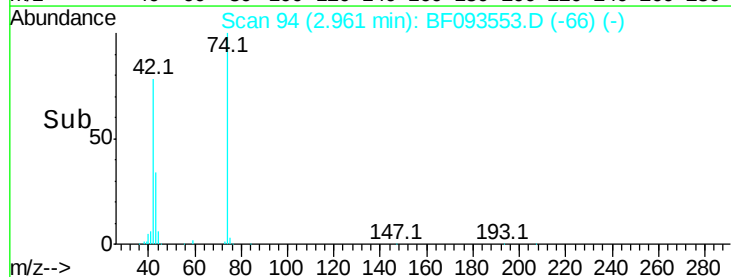
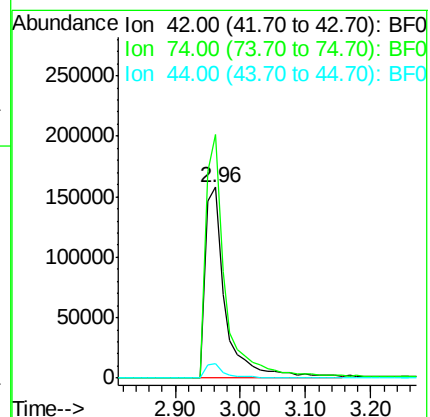
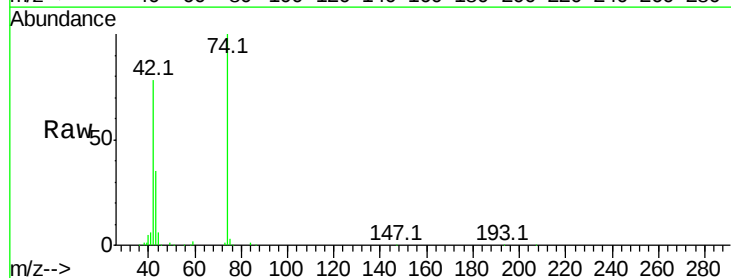
Tgt Ion: 42 Resp: 338090

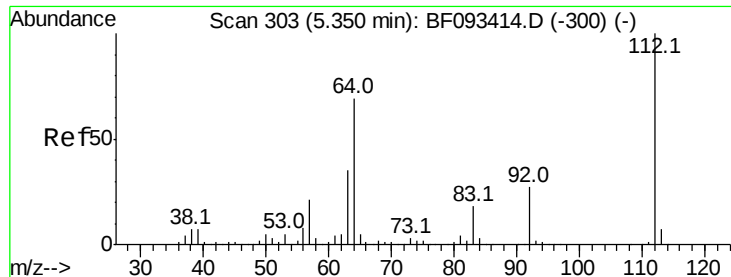
Ion Ratio Lower Upper

42 100

74 127.4 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 129.13 ng

RT: 5.35 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

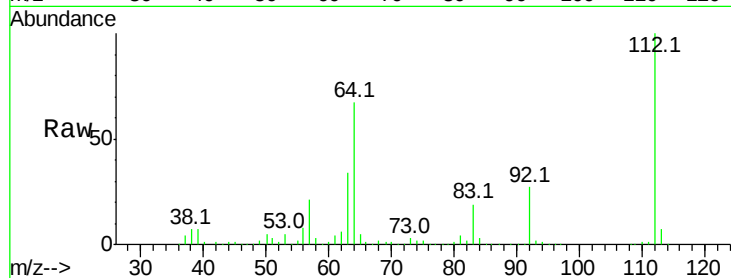
Tot Ion:112 Resp: 1364655

Ion Ratio Lower Upper

112 100

64 67.4 46.1 69.1

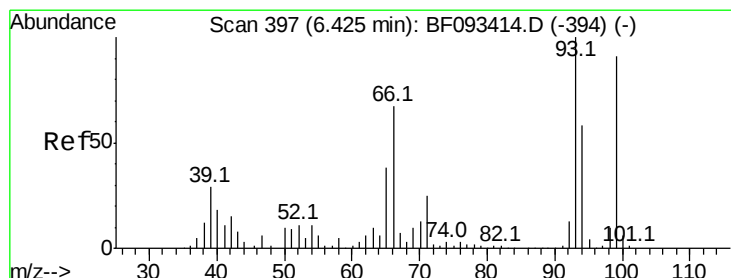
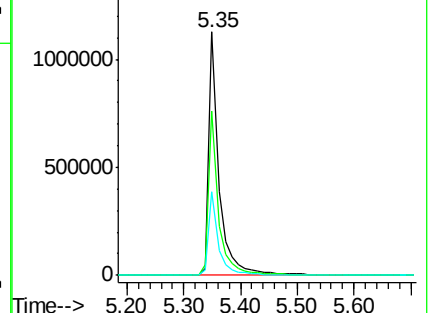
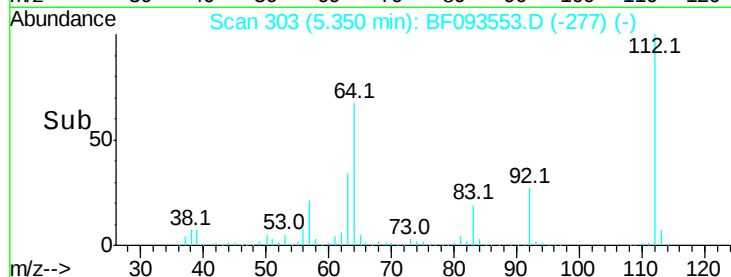
63 34.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.54 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

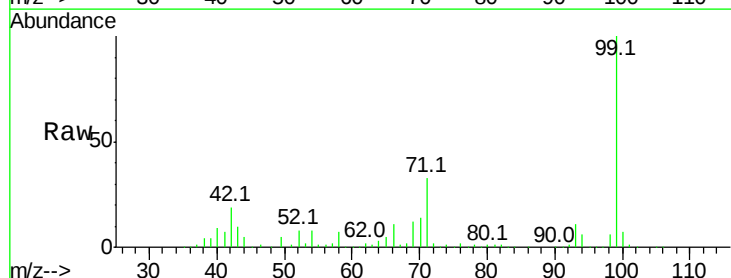
Tgt Ion: 93 Resp: 247616

Ion Ratio Lower Upper

93 100

66 101.6 76.2 114.2

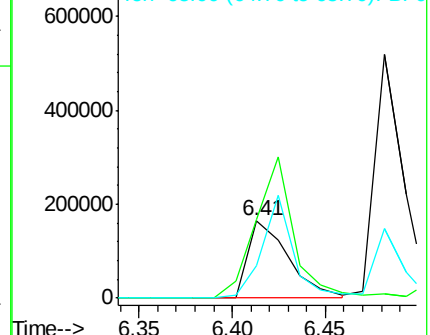
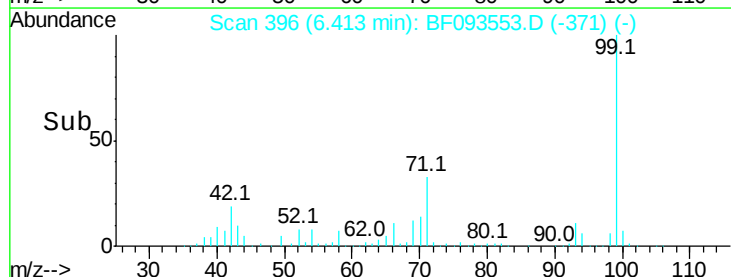
65 41.2 49.3 73.9#

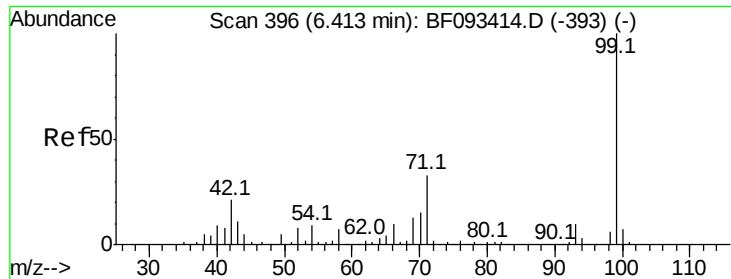


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.24 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

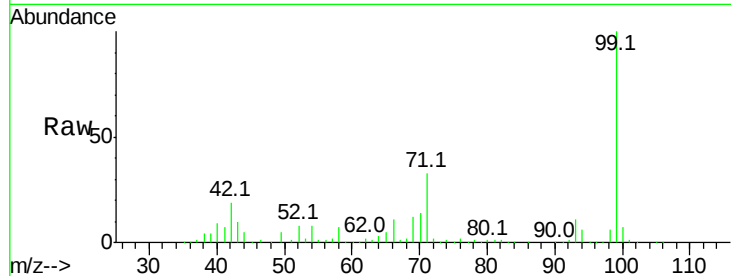
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1682350

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.6	23.4
71	32.9	27.5	41.3

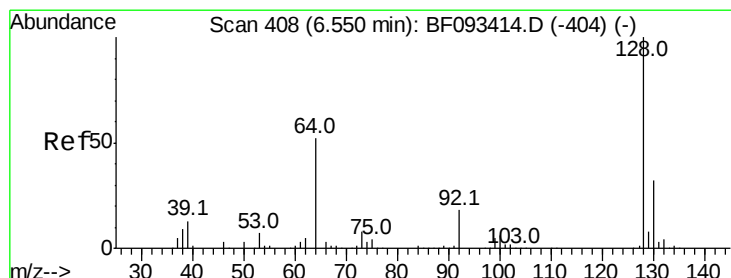
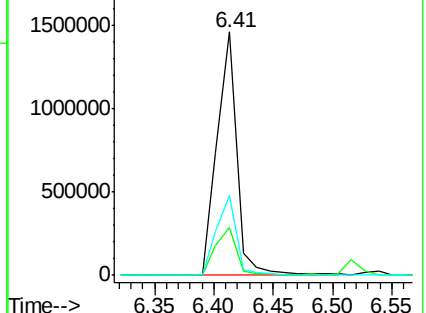
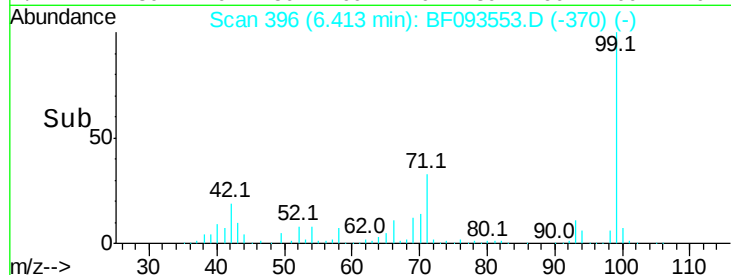


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.41 ng

RT: 6.54 min Scan# 407

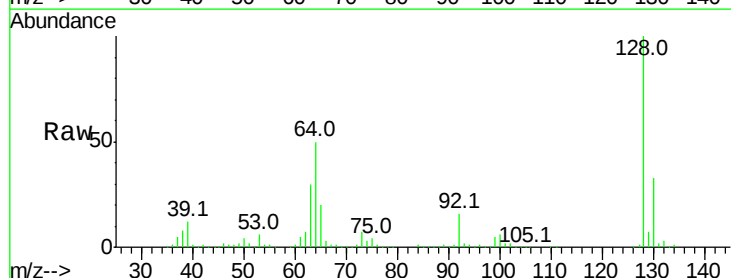
Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Tgt Ion: 128 Resp: 502127

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.3	52.3
64	49.5	32.2	72.2

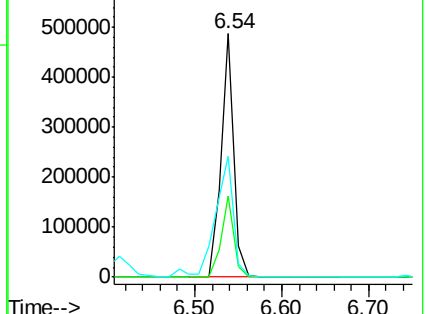
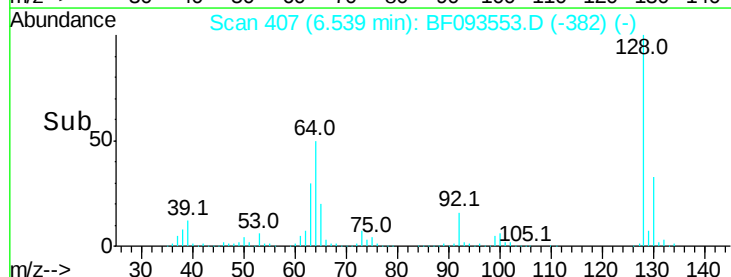


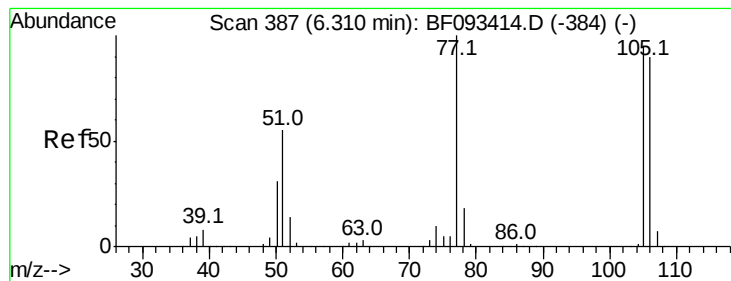
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 59.66 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

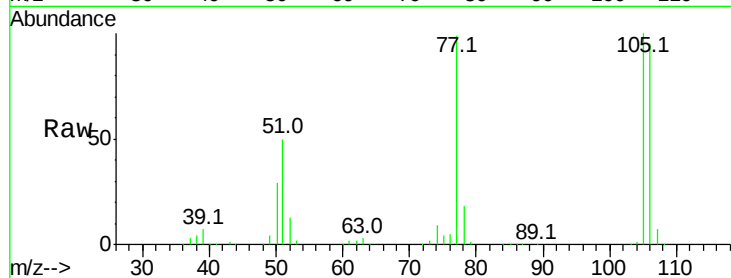
Tot Ion: 77 Resp: 389159

Ion Ratio Lower Upper

77 100

105 101.1 83.9 123.9

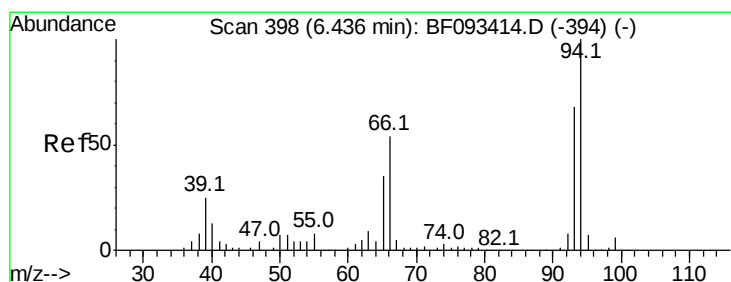
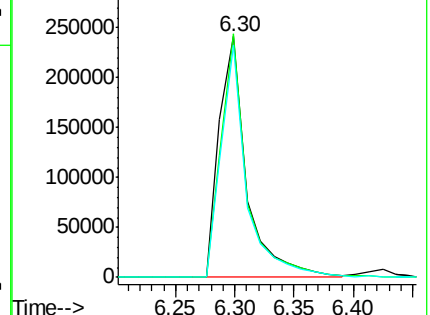
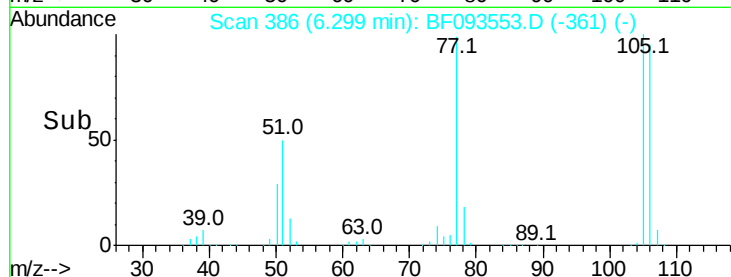
106 96.4 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.59 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

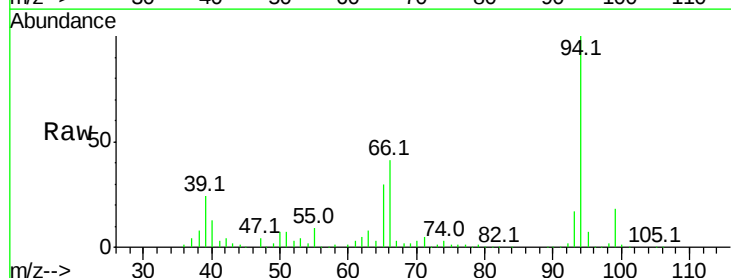
Tgt Ion: 94 Resp: 777091

Ion Ratio Lower Upper

94 100

65 29.9 21.4 61.4

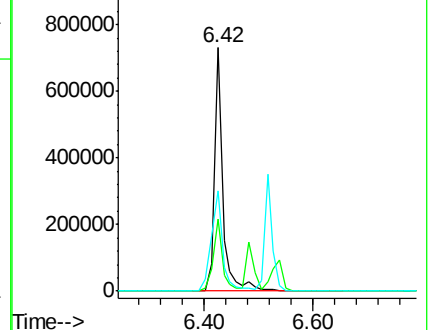
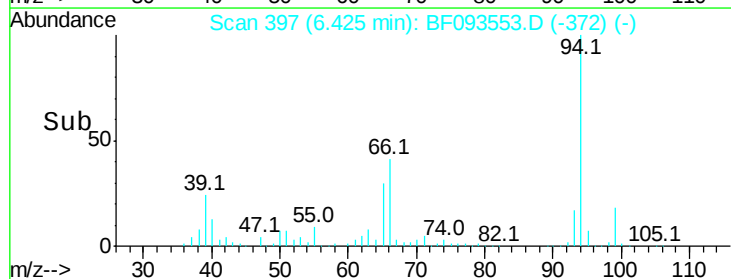
66 41.1 44.0 84.0#



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

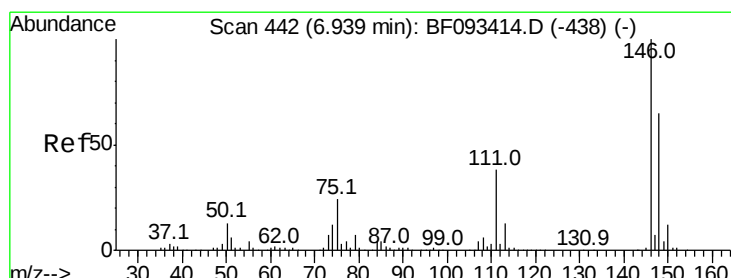
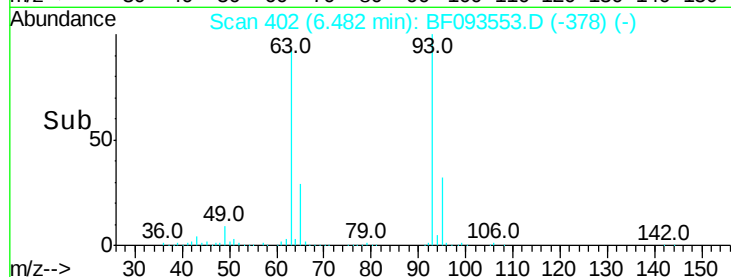
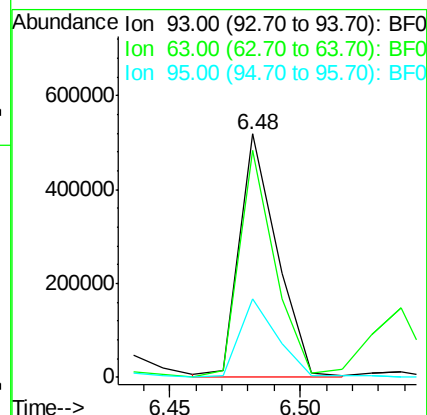
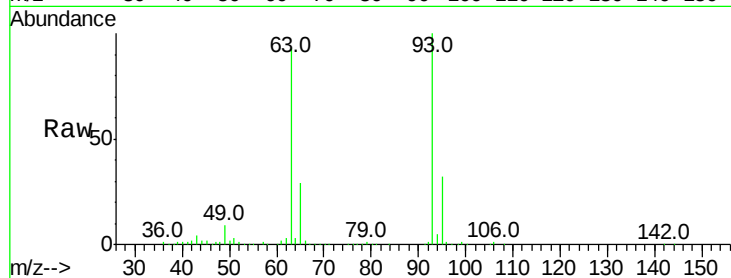




#11
bis(2-Chloroethyl)ether
Concen: 39.93 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

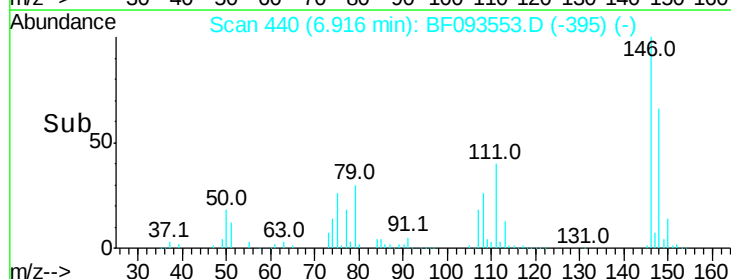
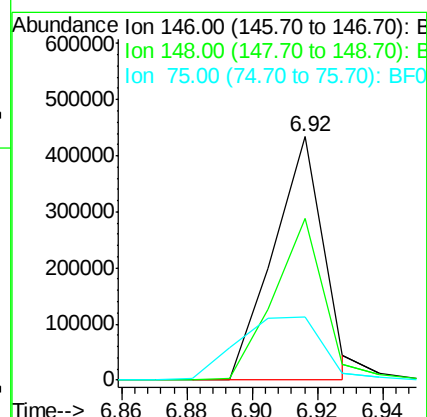
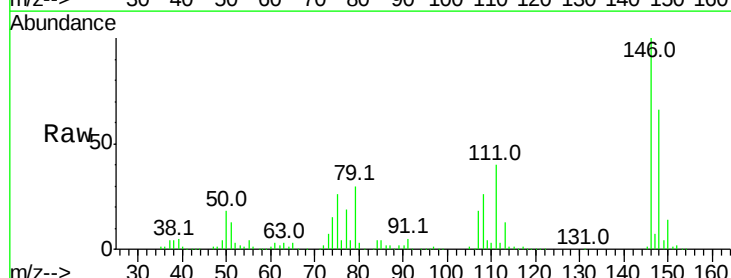
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 526954
Ion Ratio Lower Upper
93 100
63 93.3 60.4 100.4
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 34.36 ng
RT: 6.92 min Scan# 440
Delta R.T. 0.22 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion: 146 Resp: 465640
Ion Ratio Lower Upper
146 100
148 66.2 53.4 80.0
75 25.7 18.5 27.7

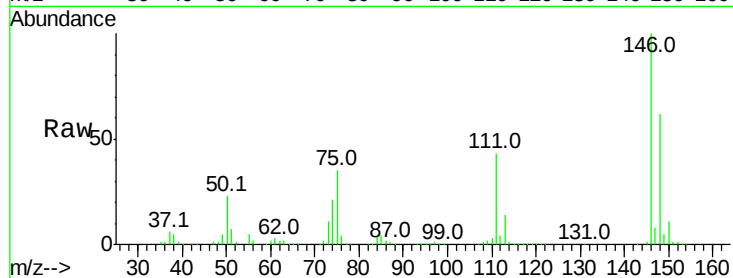




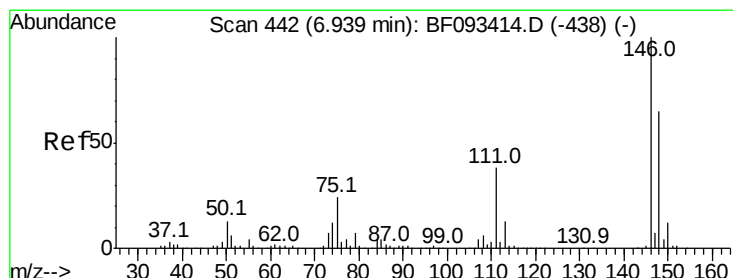
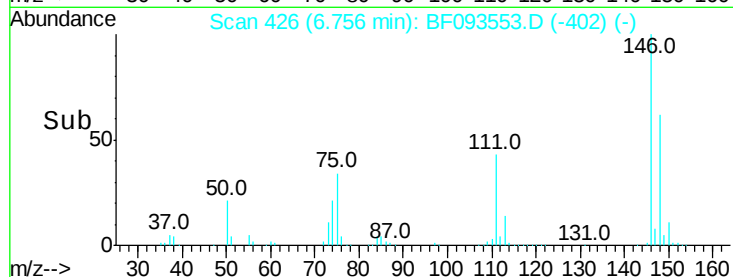
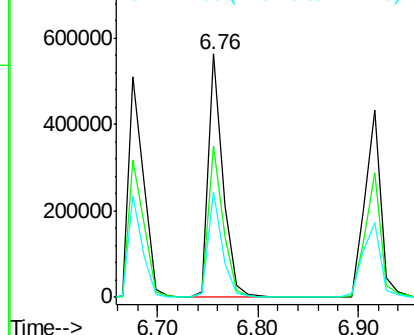
#13
 1,4-Dichlorobenzene
 Concen: 41.10 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 570278
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.6 76.0
 111 43.4 36.2 54.4

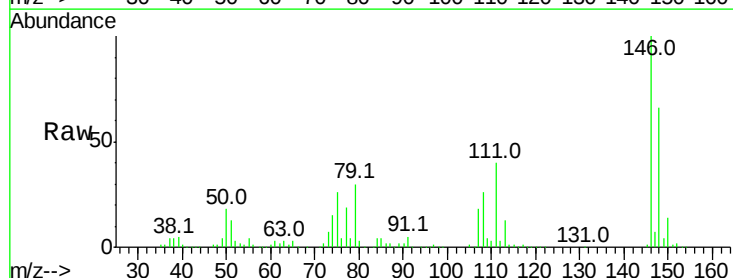


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

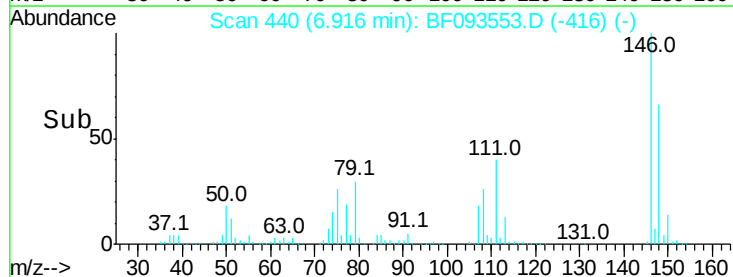
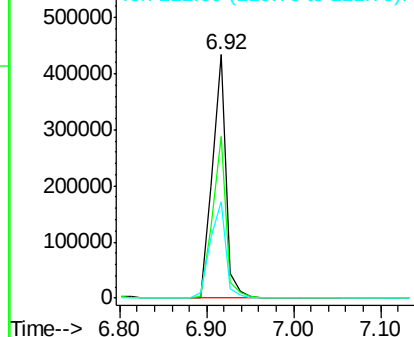


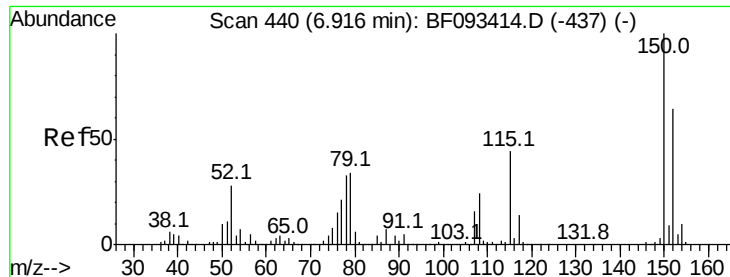
#14
 1,2-Dichlorobenzene
 Concen: 39.10 ng
 RT: 6.92 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion:146 Resp: 480452
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.2 78.2
 111 39.7 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: 43.71 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

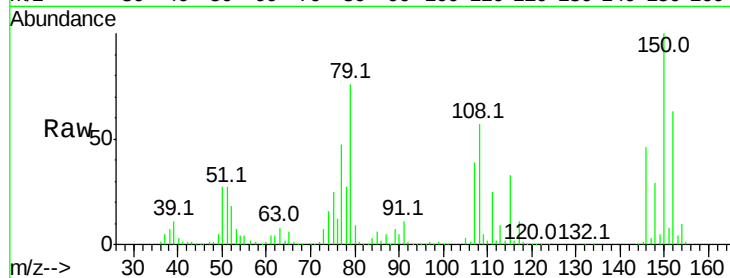
Tot Ion: 79 Resp: 415242

Ion Ratio Lower Upper

79 100

108 74.7 61.4 92.0

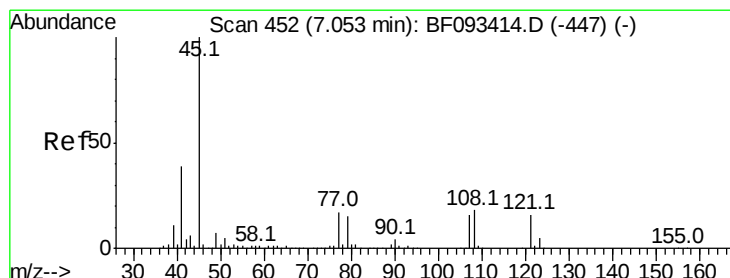
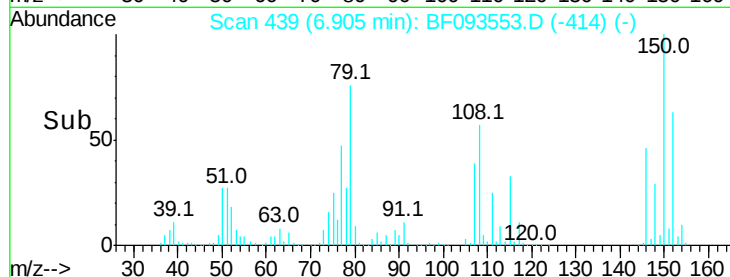
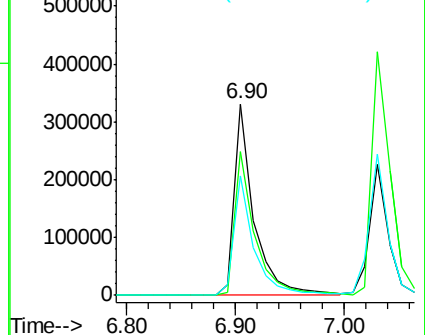
77 62.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.25 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

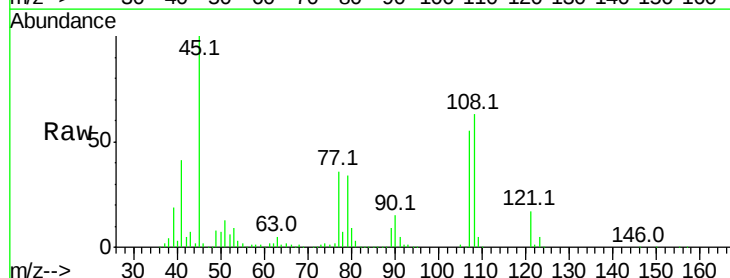
Tgt Ion: 45 Resp: 882516

Ion Ratio Lower Upper

45 100

77 36.5 0.0 34.6#

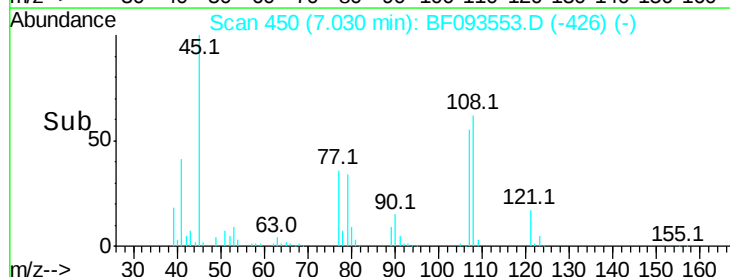
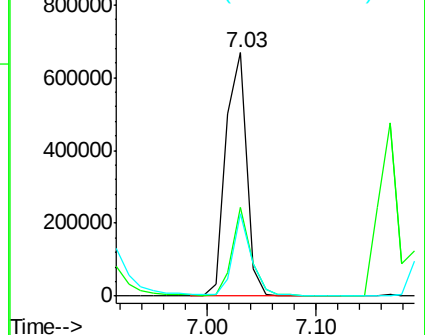
79 33.7 0.0 31.2#

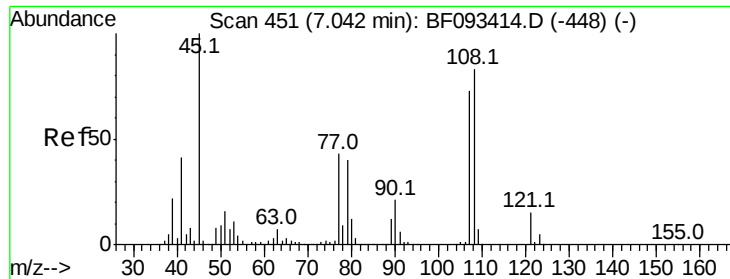


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.00 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF093553.D

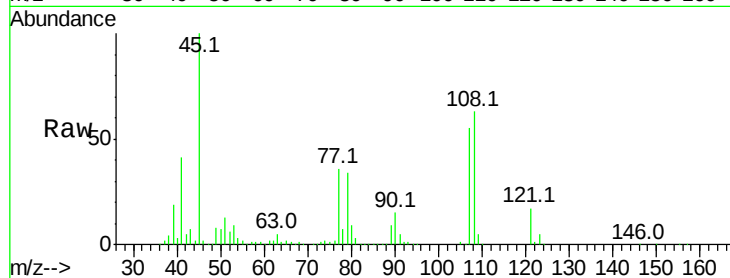
Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	430603
Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.0	139.6
77	66.5	39.8	59.8#
79	61.6	38.0	57.0#

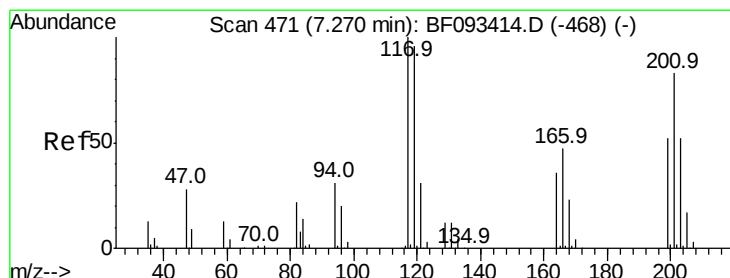
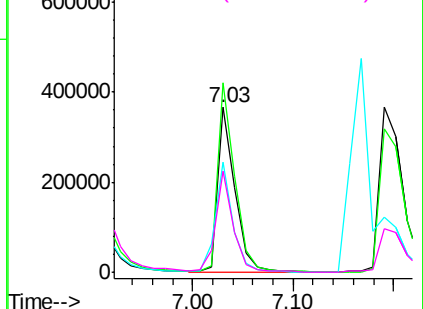
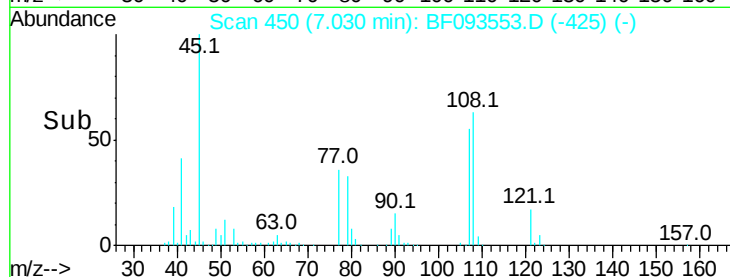


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.31 ng

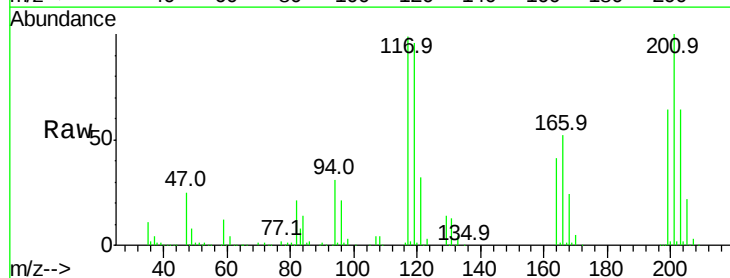
RT: 7.25 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

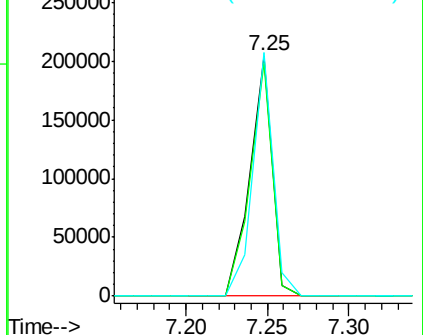
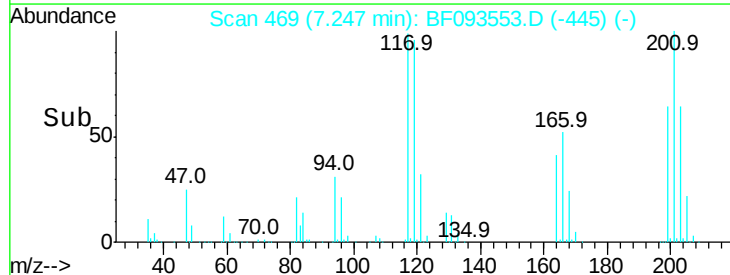
Tgt Ion:	117	Resp:	193309
Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.1	117.1
201	101.3	78.6	117.8

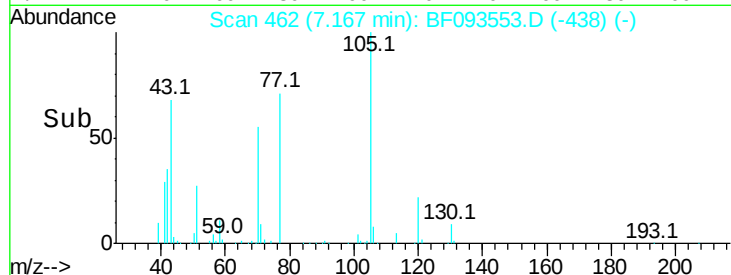
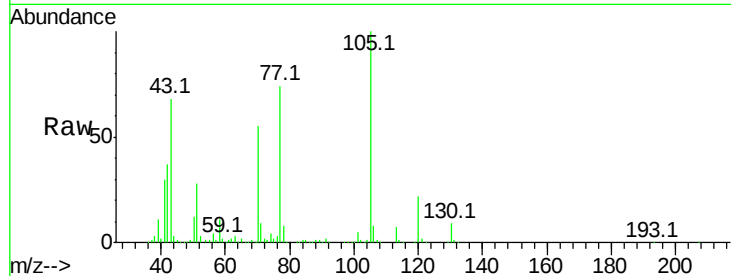
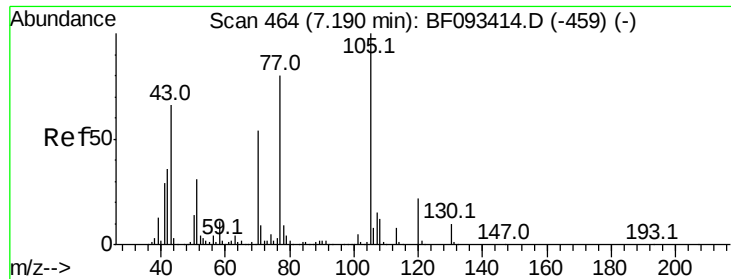


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

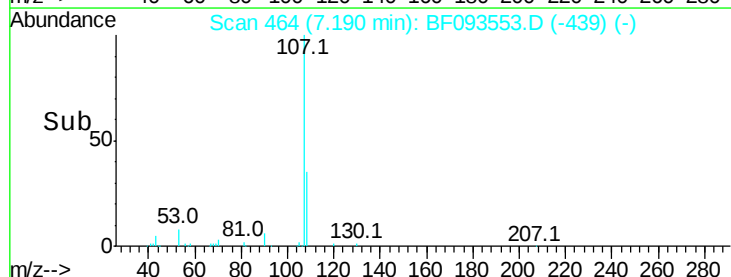
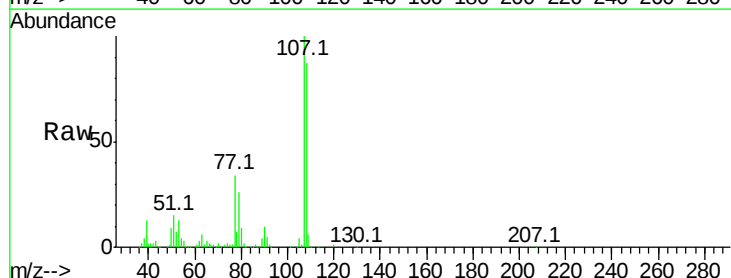
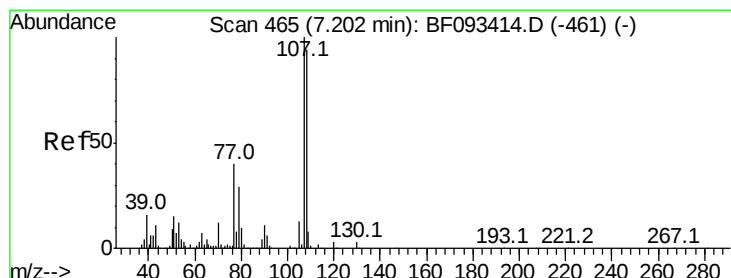
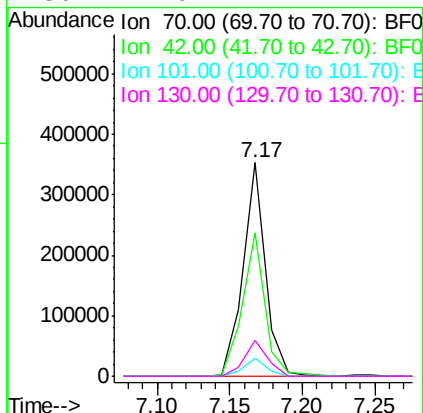




#19
n-Nitroso-di-n-propylamine
Concen: 41.13 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

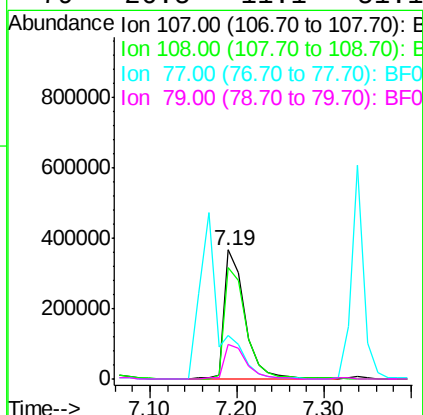
Instrument :
BNA_F
ClientSampled :

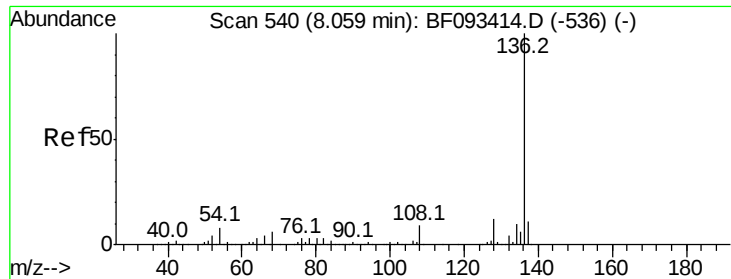
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.3	49.4	74.0
101	8.7	7.4	11.2
130	17.0	14.2	21.4



#20
3+4-Methylphenols
Concen: 46.46 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	73.0	113.0
77	33.5	71.3	111.3#
79	26.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 694861

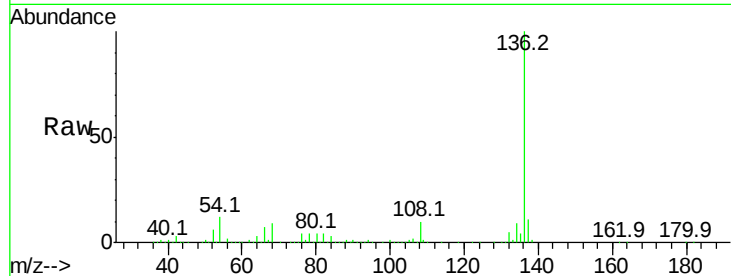
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.1 4.5 6.7#

68 8.6 3.6 5.4#

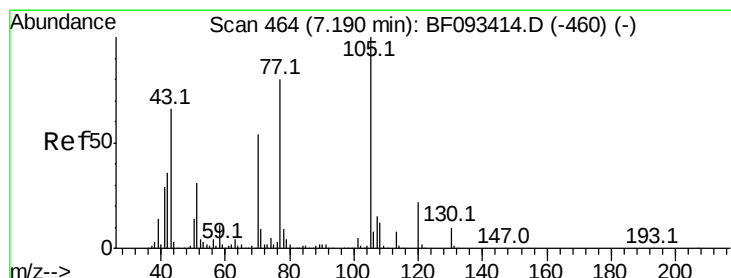
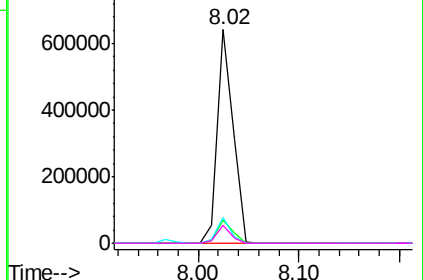
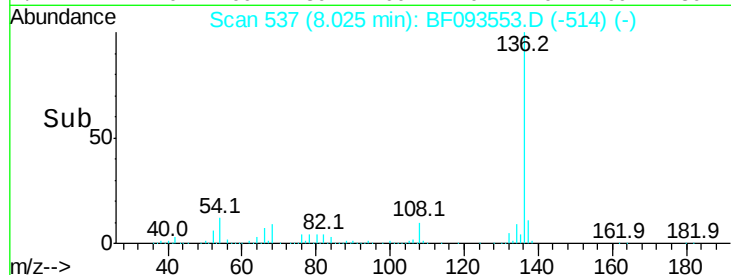


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.42 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Tgt Ion:105 Resp: 725999

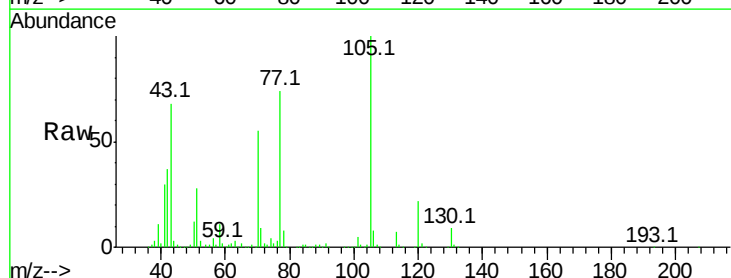
Ion Ratio Lower Upper

105 100

71 9.3 3.2 4.8#

51 28.2 26.2 39.4

120 22.0 16.6 24.8

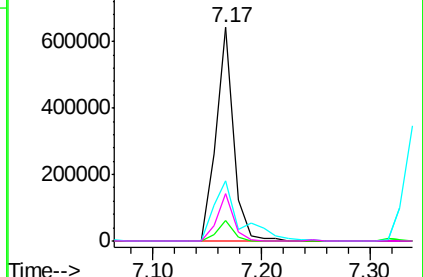
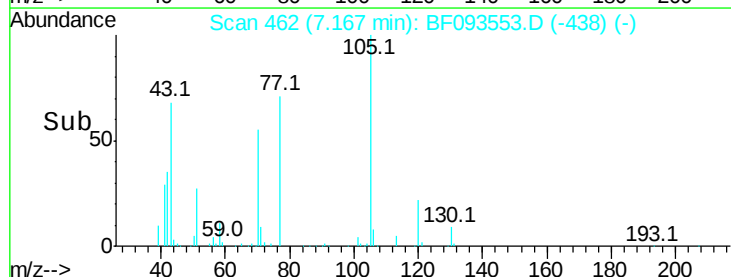


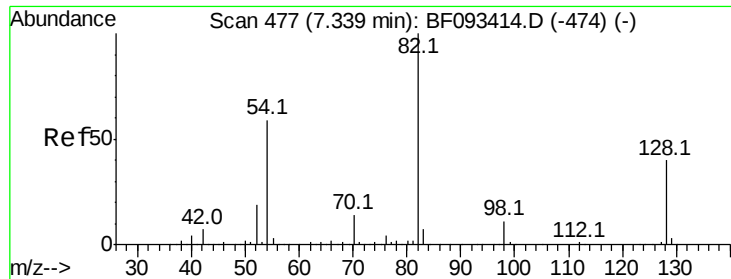
Abundance Ion 105.00 (104.70 to 105.70): E

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

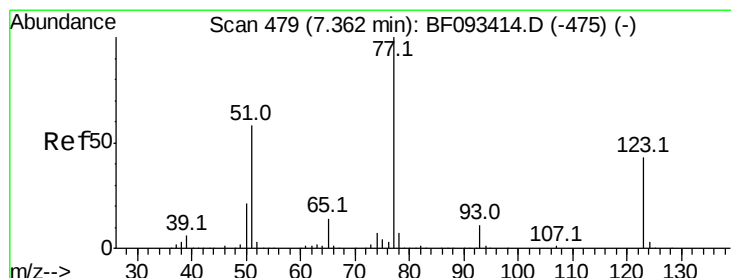
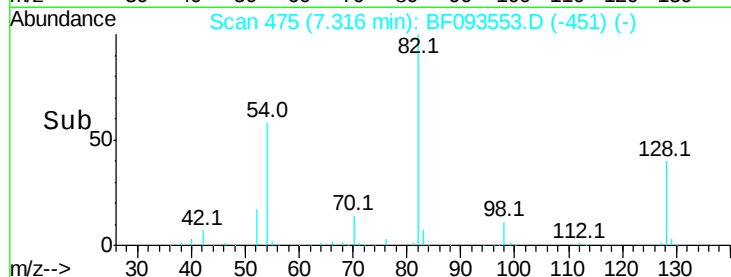
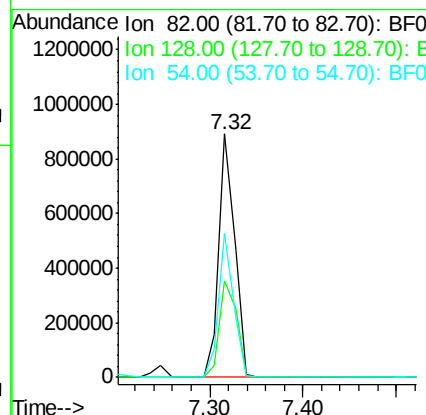
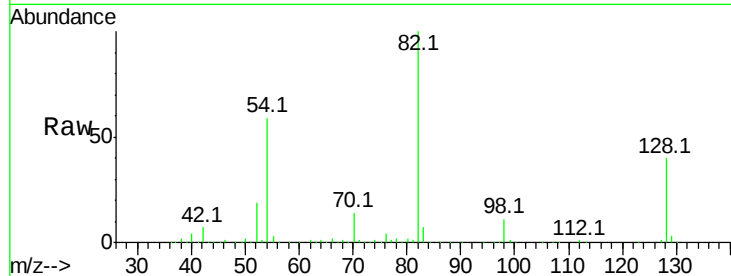




#23
 Nitrobenzene-d5
 Concen: 84.07 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

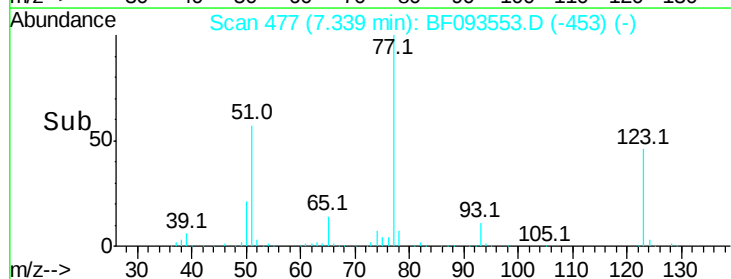
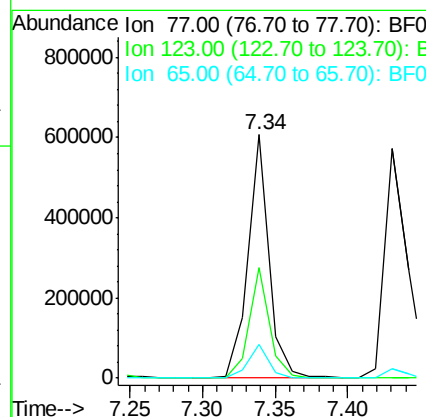
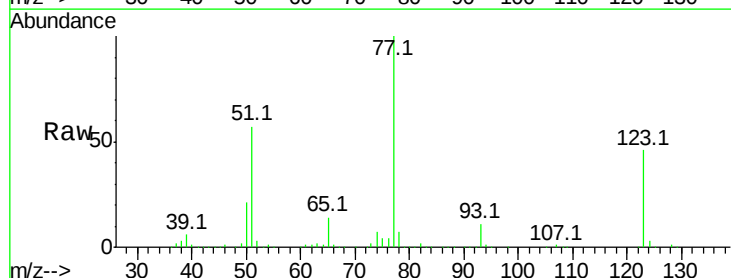
Instrument :
 BNA_F
 ClientSampled :

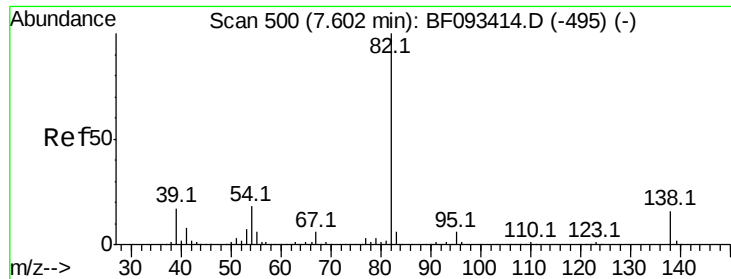
Tot Ion: 82 Resp: 1052859
 Ion Ratio Lower Upper
 82 100
 128 39.7 34.6 52.0
 54 58.9 39.5 59.3



#24
 Nitrobenzene
 Concen: 43.15 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion: 77 Resp: 607374
 Ion Ratio Lower Upper
 77 100
 123 45.5 33.0 49.4
 65 13.8 11.2 16.8





#25

Isophorone

Concen: 42.62 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

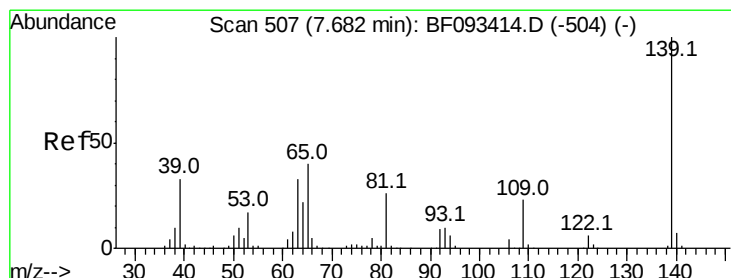
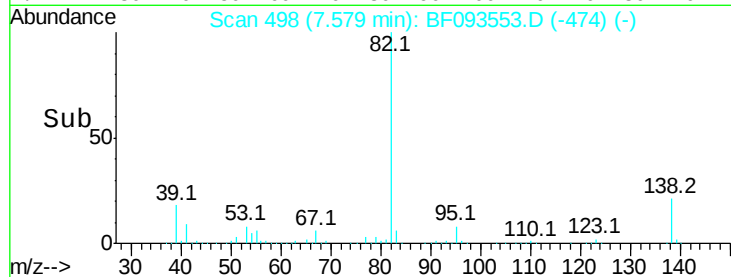
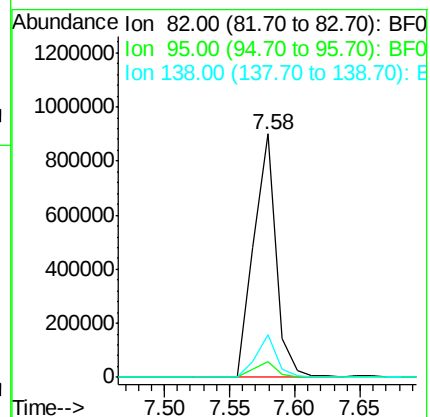
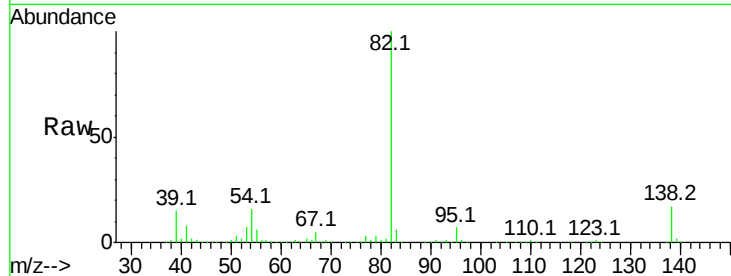
Tot Ion: 82 Resp: 1076453

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.4 14.6 22.0



#26

2-Nitrophenol

Concen: 43.73 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

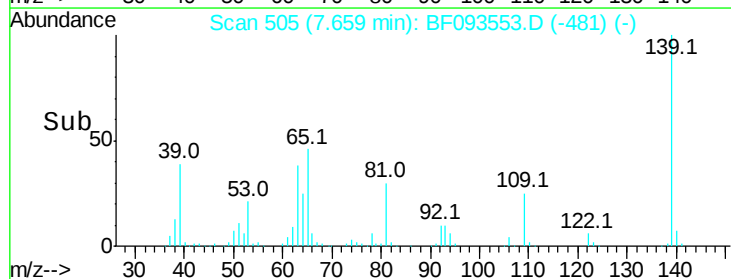
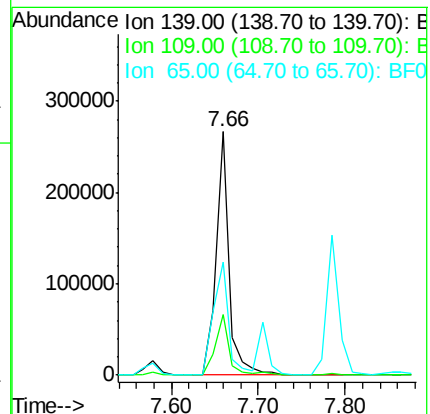
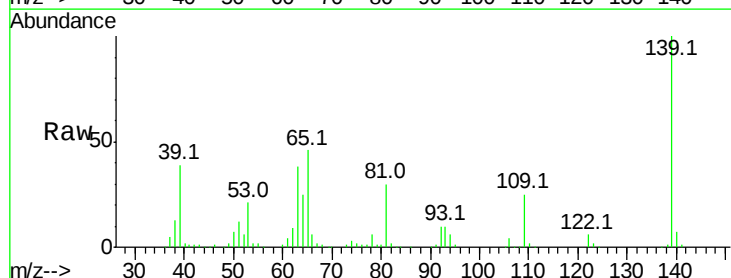
Tgt Ion: 139 Resp: 280841

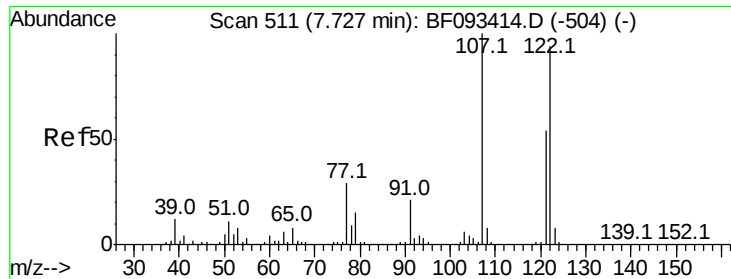
Ion Ratio Lower Upper

139 100

109 24.7 23.3 34.9

65 46.4 42.7 64.1

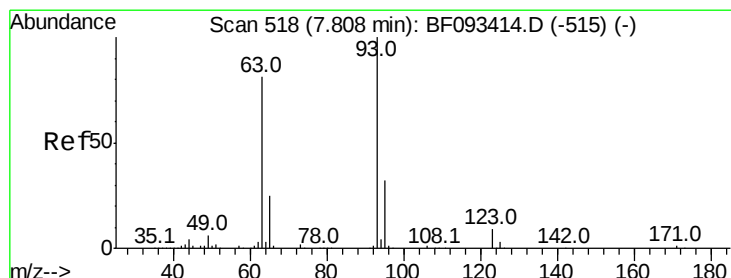
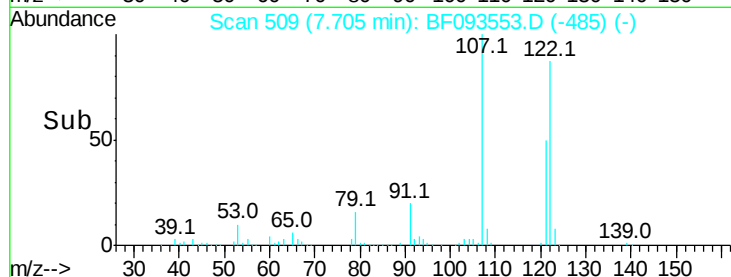
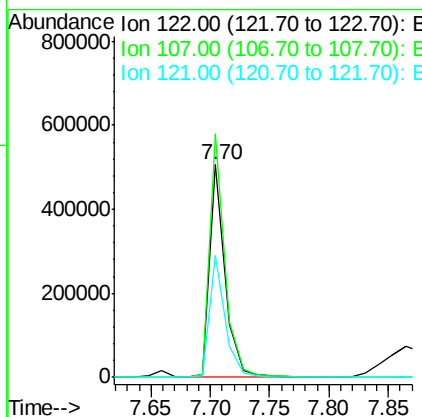
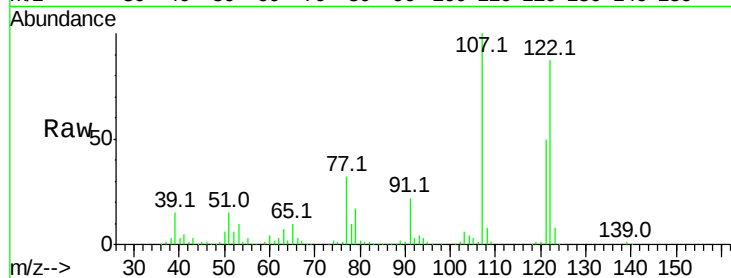




#27
 2,4-Dimethylphenol
 Concen: 43.53 ng
 RT: 7.70 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

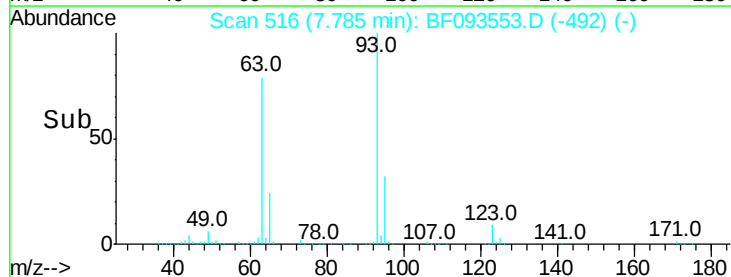
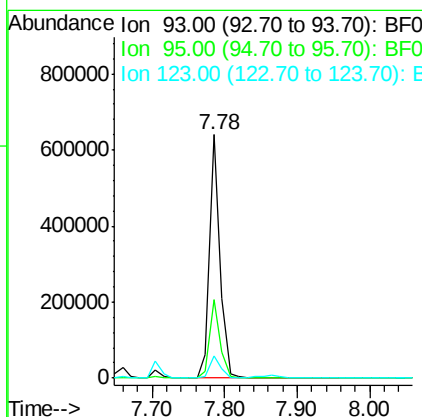
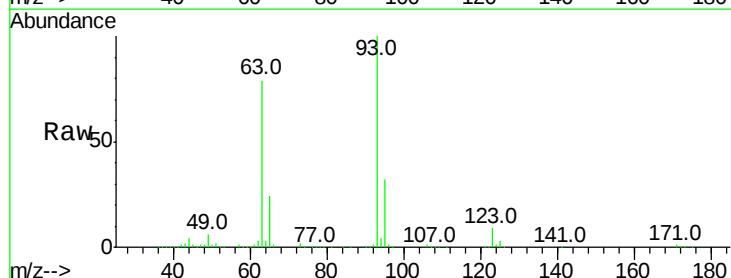
Instrument :
 BNA_F
 ClientSampleId :

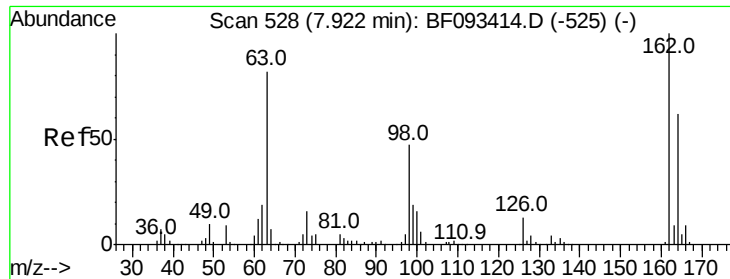
Tot Ion:122 Resp: 454778
 Ion Ratio Lower Upper
 122 100
 107 114.6 94.1 141.1
 121 57.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.34 ng
 RT: 7.78 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion: 93 Resp: 643137
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 9.2 8.6 13.0

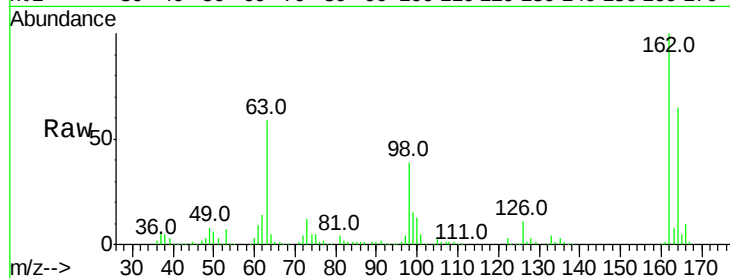




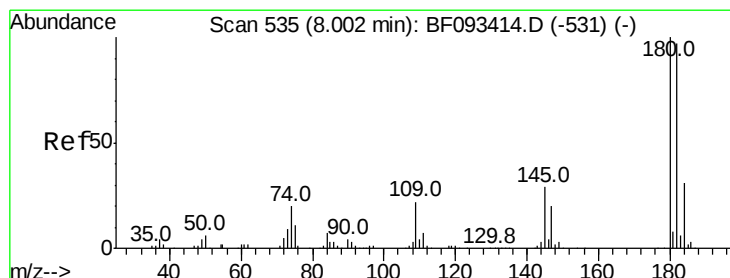
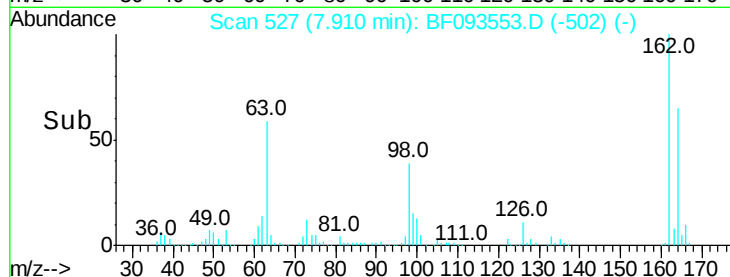
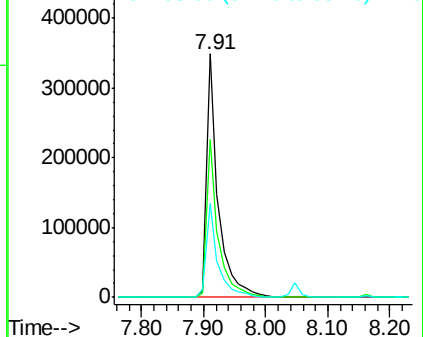
#29
2,4-Dichlorophenol
Concen: 45.70 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 449093
Ion Ratio Lower Upper
162 100
164 64.6 46.8 86.8
98 38.8 9.1 49.1

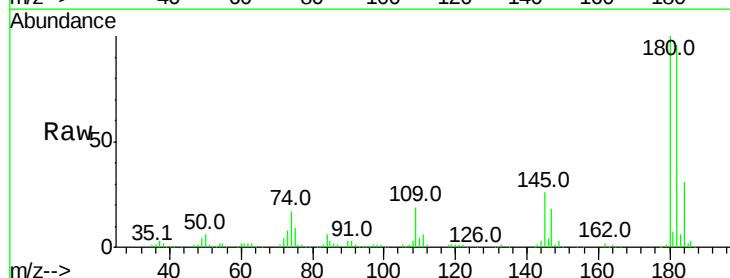


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

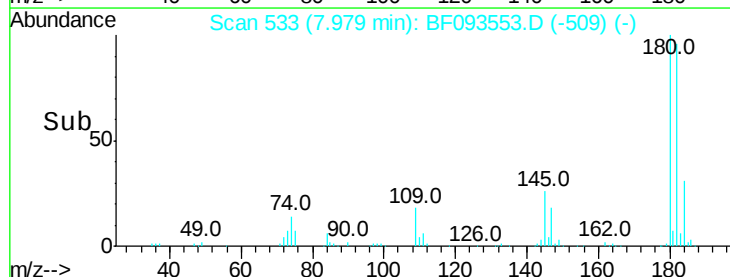
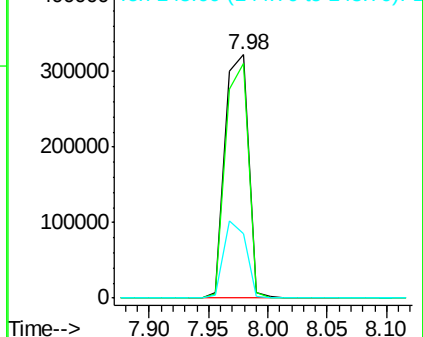


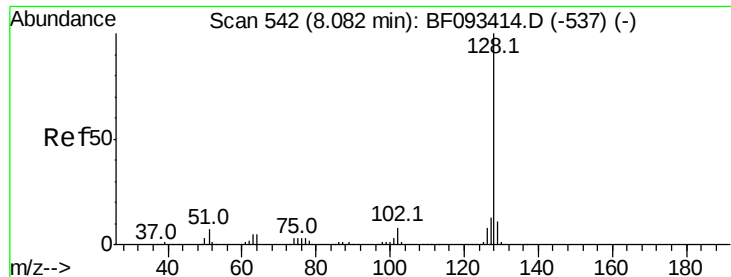
#30
1,2,4-Trichlorobenzene
Concen: 42.15 ng
RT: 7.98 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion:180 Resp: 440519
Ion Ratio Lower Upper
180 100
182 96.3 78.2 117.4
145 26.3 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

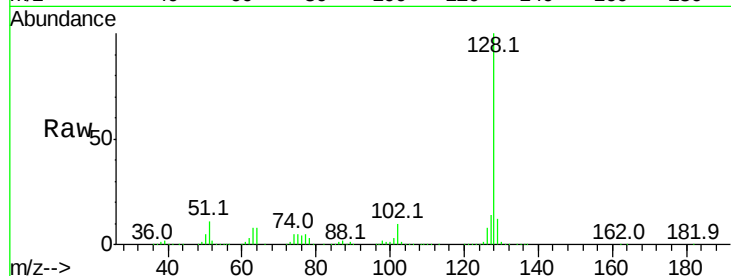




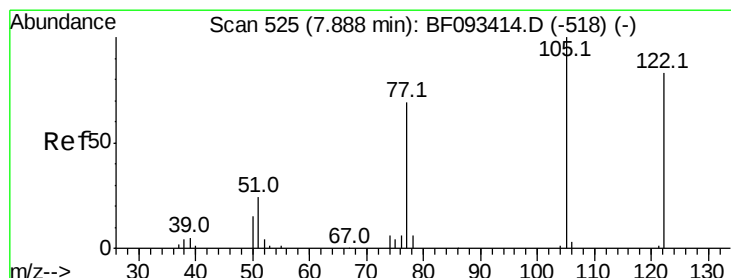
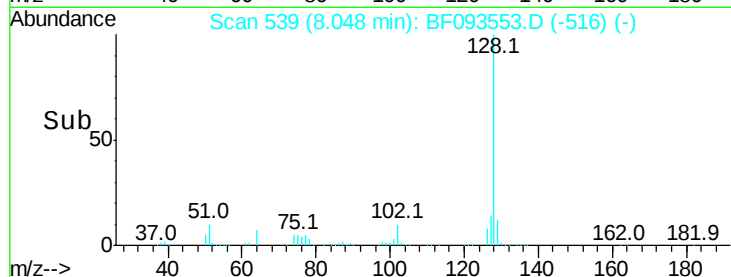
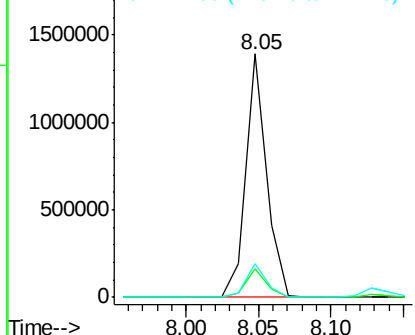
#31
Naphthalene
Concen: 39.81 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1386307
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.6 10.8 16.2

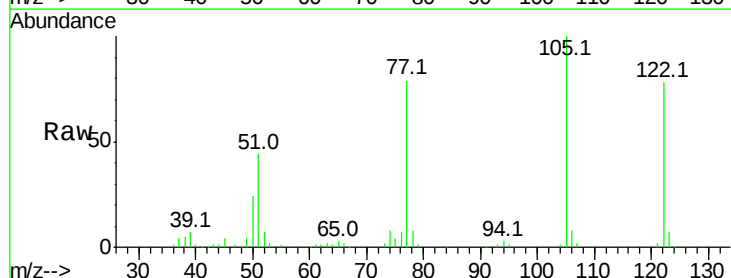


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

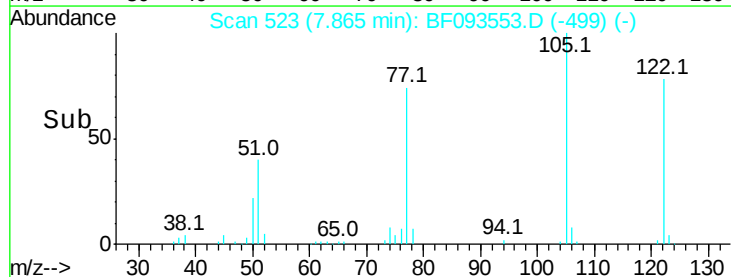
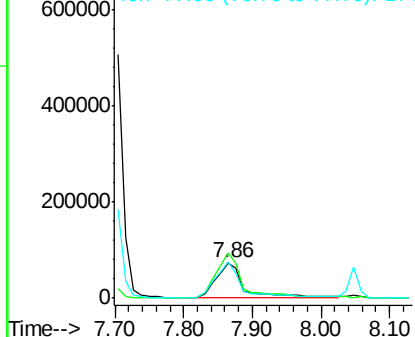


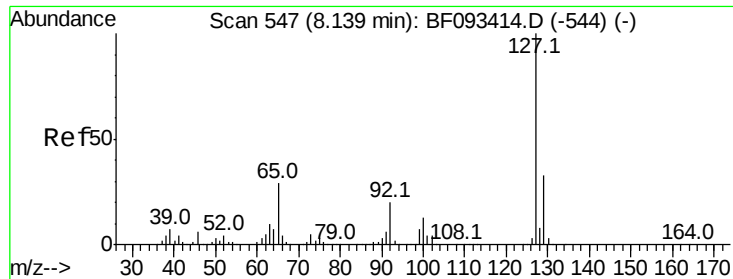
#32
Benzoic acid
Concen: 37.66 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion:122 Resp: 204443
Ion Ratio Lower Upper
122 100
105 128.9 107.2 147.2
77 102.1 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

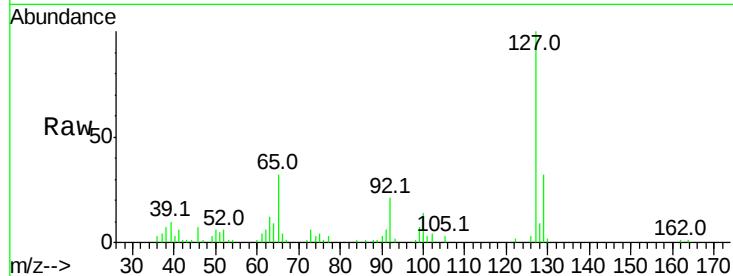




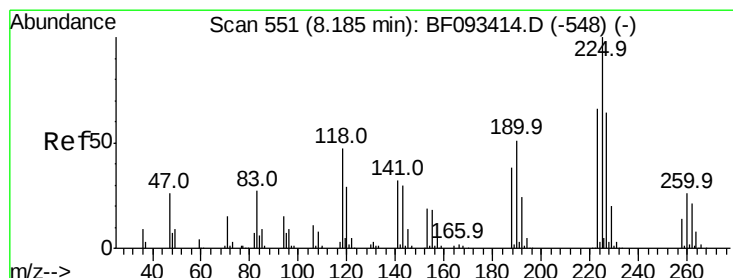
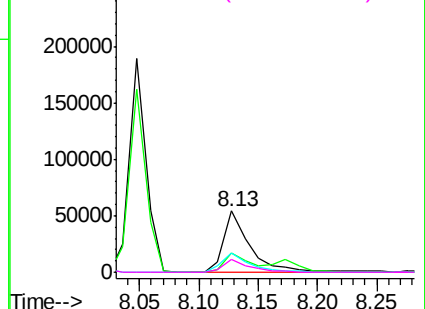
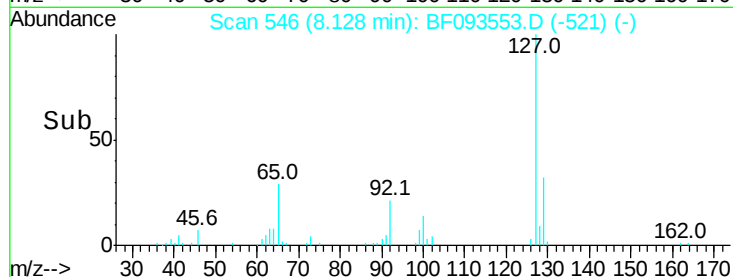
#33
4-Chloroaniline
Concen: 5.69 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	80372
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	32.1	25.8	38.8
92	21.0	16.1	24.1

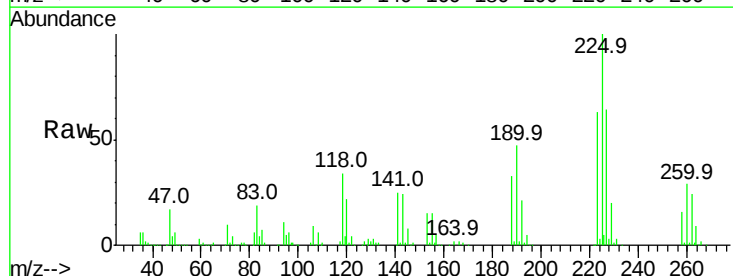


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

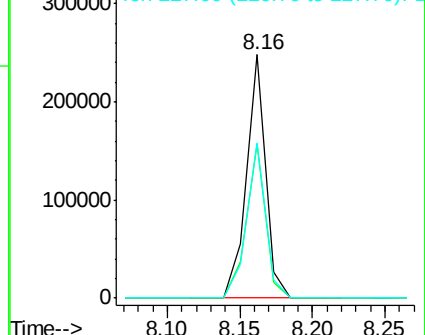
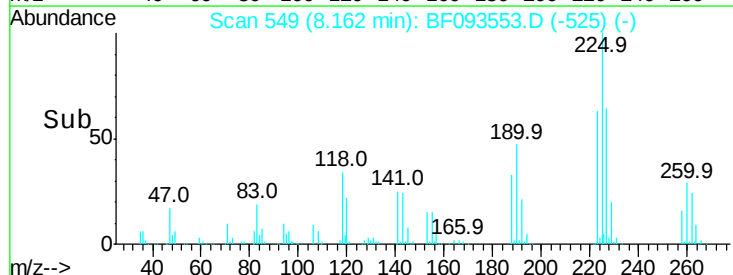


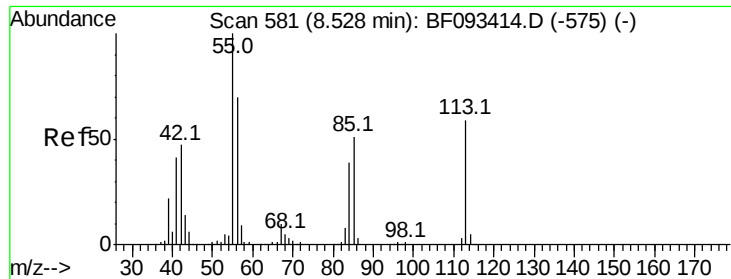
#34
Hexachlorobutadiene
Concen: 42.12 ng
RT: 8.16 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion:	225	Resp:	226771
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	63.6	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: 26.85 ng

RT: 8.49 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

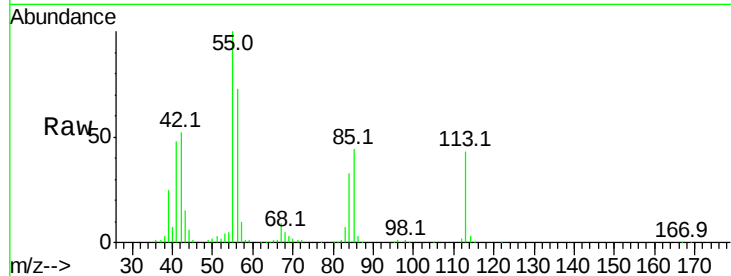
Tot Ion:113 Resp: 90107

Ion Ratio Lower Upper

113 100

55 232.5 119.2 159.2#

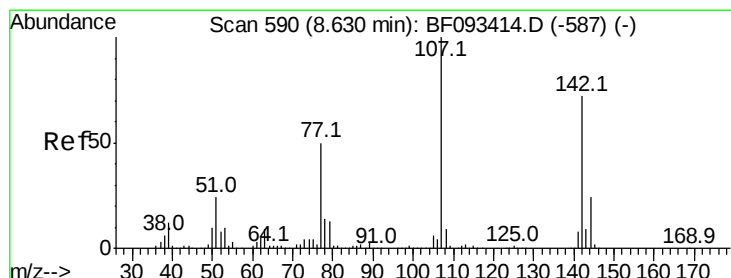
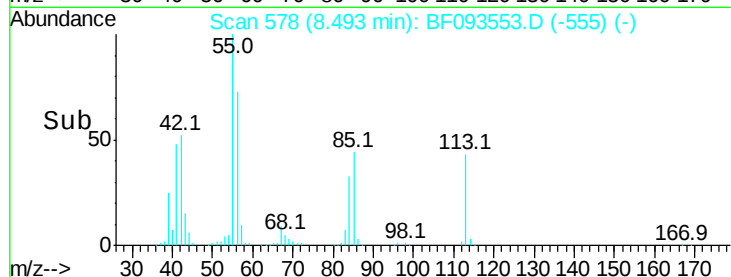
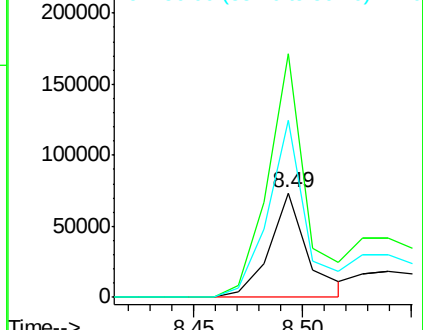
56 169.4 83.8 123.8#



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: 44.98 ng

RT: 8.62 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

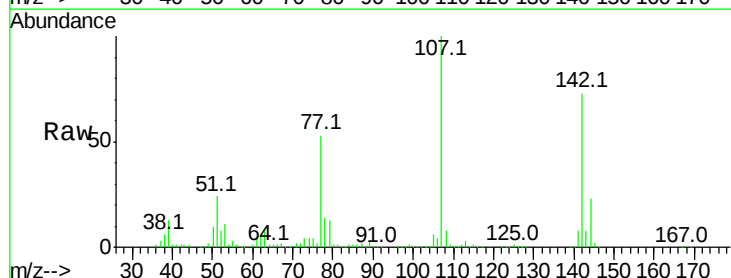
Tgt Ion:107 Resp: 471838

Ion Ratio Lower Upper

107 100

144 22.7 19.3 28.9

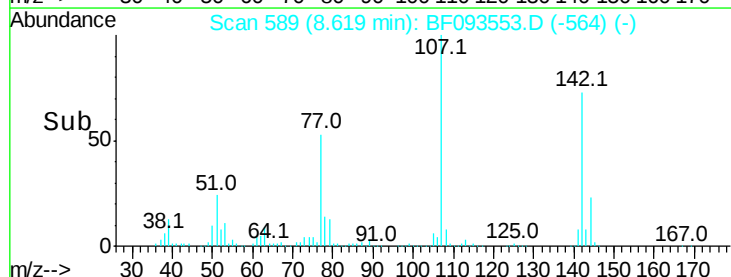
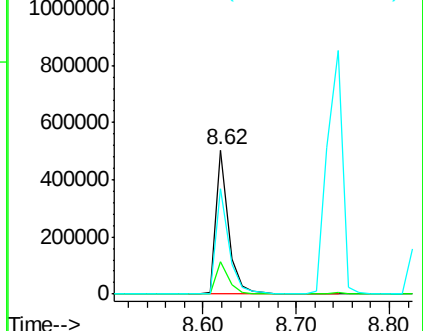
142 73.3 59.0 88.6

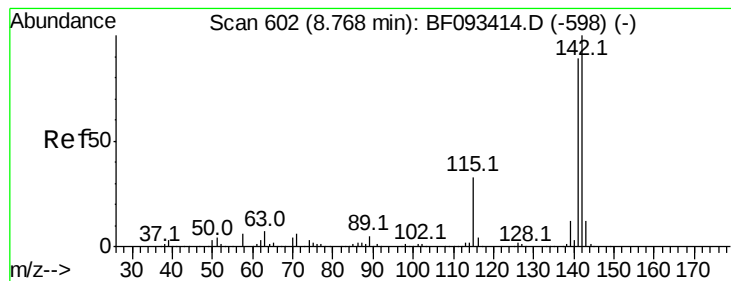


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.45 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

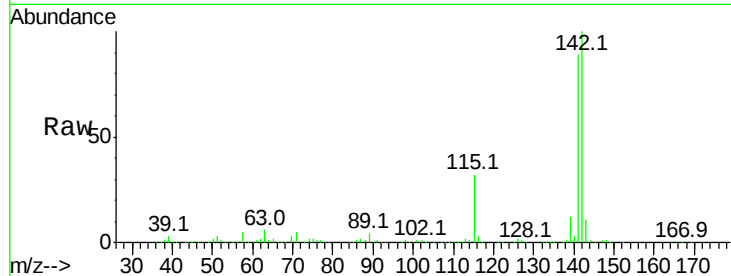
Tot Ion:142 Resp: 962589

Ion Ratio Lower Upper

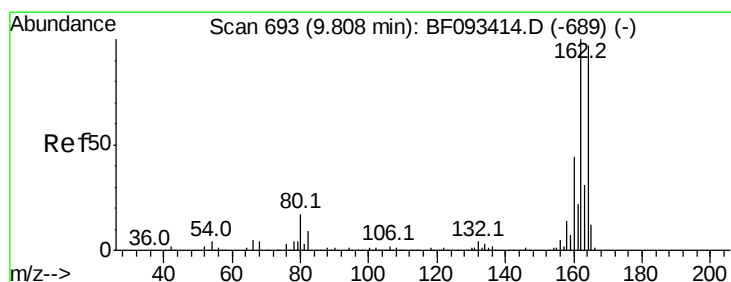
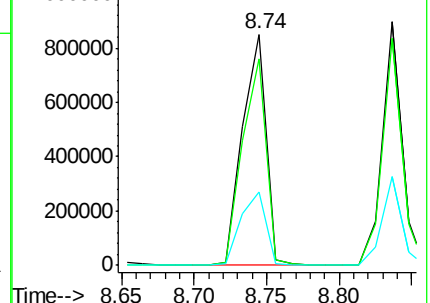
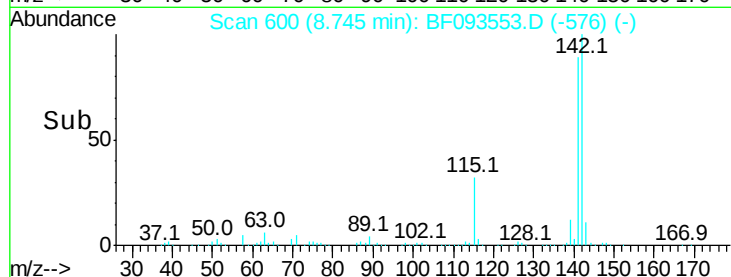
142 100

141 89.1 71.0 106.6

115 31.6 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: BF093553.D

Acq: 11 Mar 2017 5:50

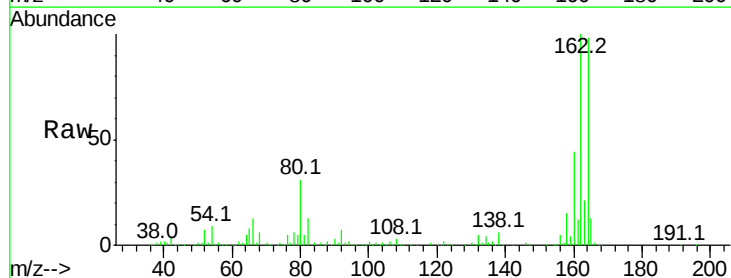
Tgt Ion:164 Resp: 336872

Ion Ratio Lower Upper

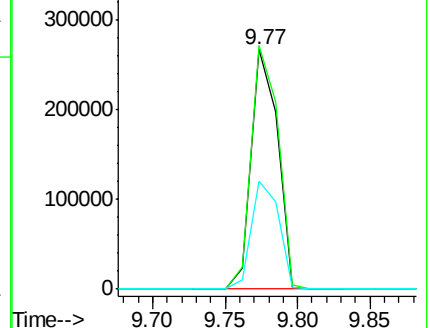
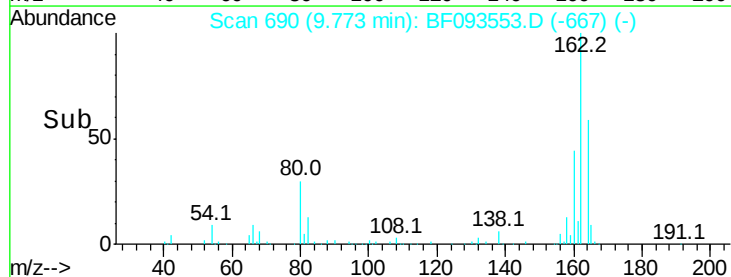
164 100

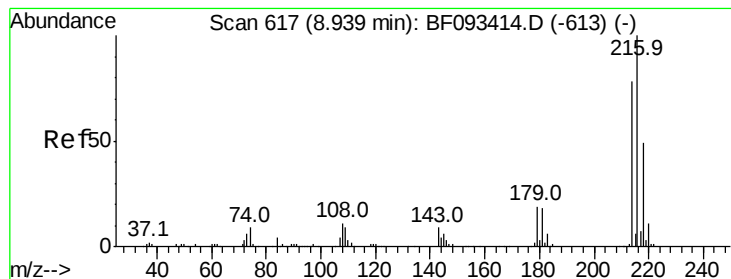
162 101.7 80.2 120.2

160 44.9 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.59 ng

RT: 8.90 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 400949

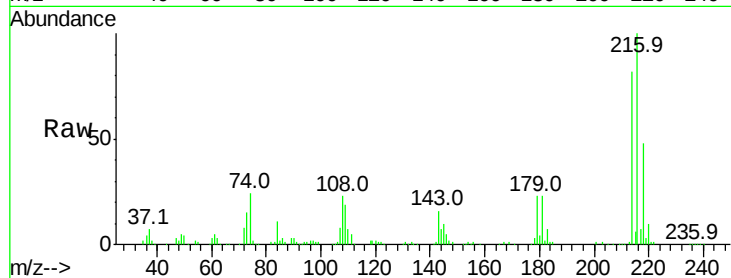
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.0

179 21.5 17.4 26.2

108 21.8 15.6 23.4

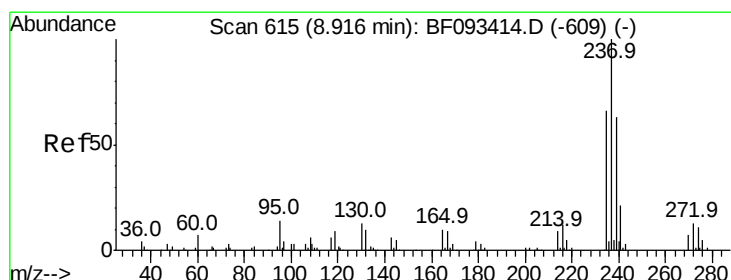
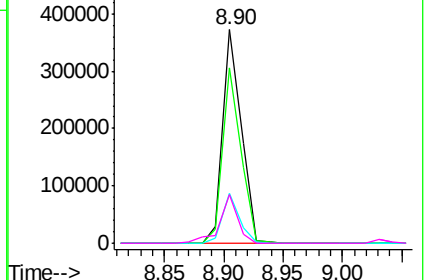
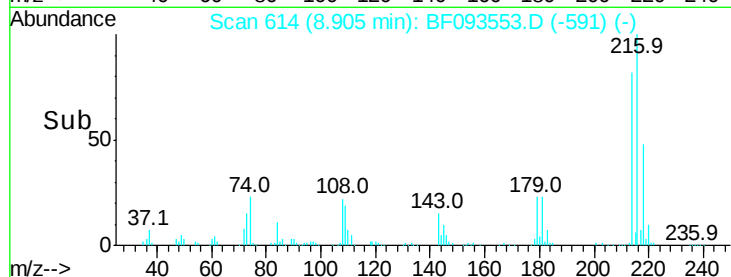


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.60 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

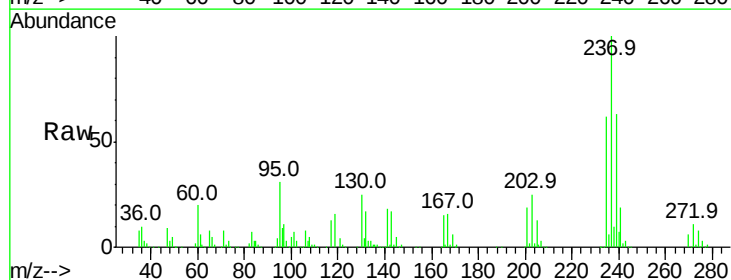
Tgt Ion:237 Resp: 211944

Ion Ratio Lower Upper

237 100

235 62.4 41.2 81.2

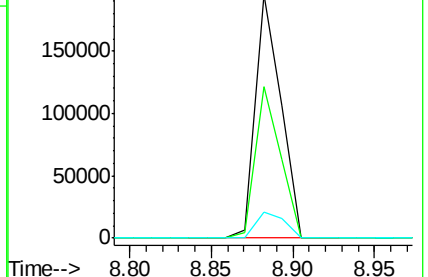
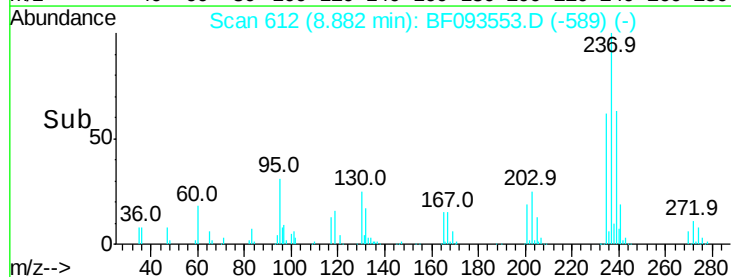
272 10.9 0.0 35.4

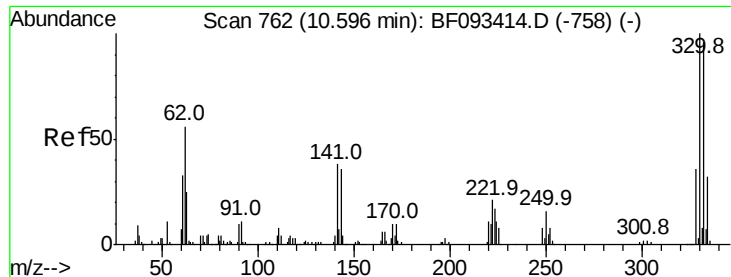


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

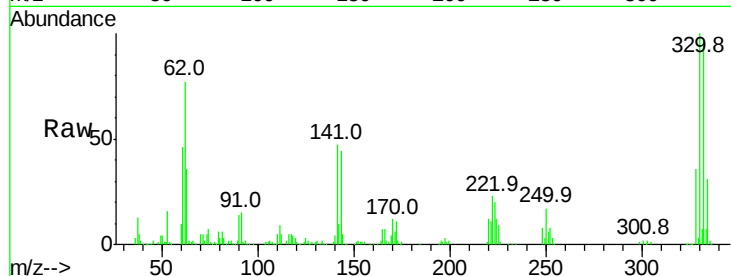




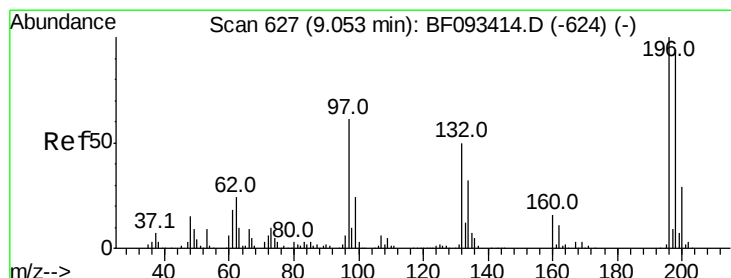
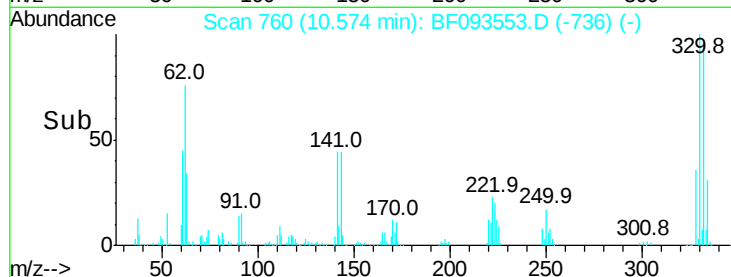
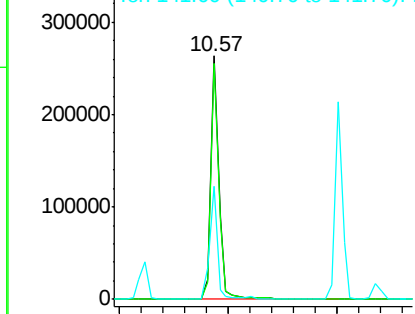
#41
 2,4,6-Tribromophenol
 Concen: 127.62 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 280101
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 42.8 34.1 51.1

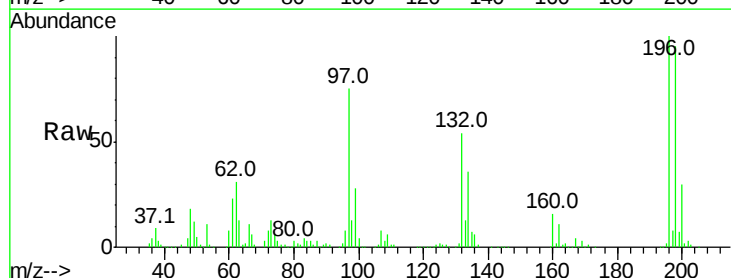


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

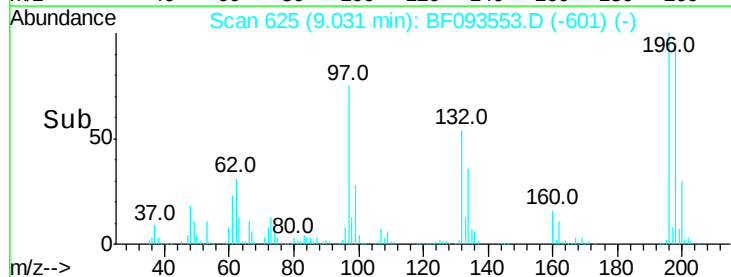
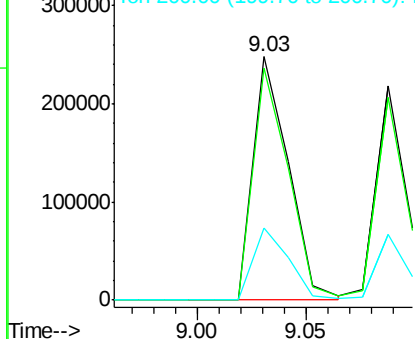


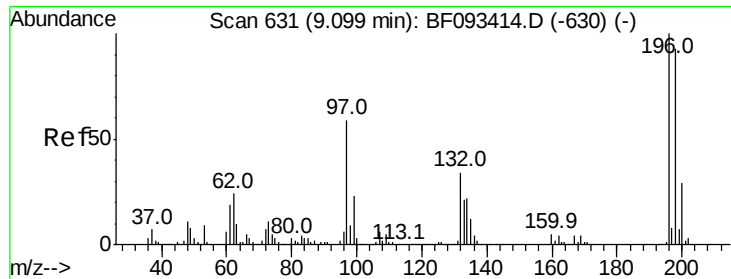
#42
 2,4,6-Trichlorophenol
 Concen: 48.88 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion:196 Resp: 280909
 Ion Ratio Lower Upper
 196 100
 198 95.2 82.1 123.1
 200 29.9 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

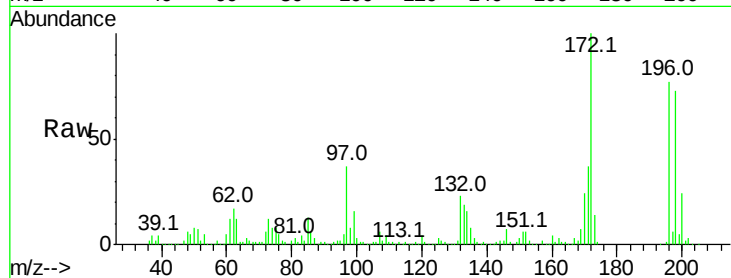




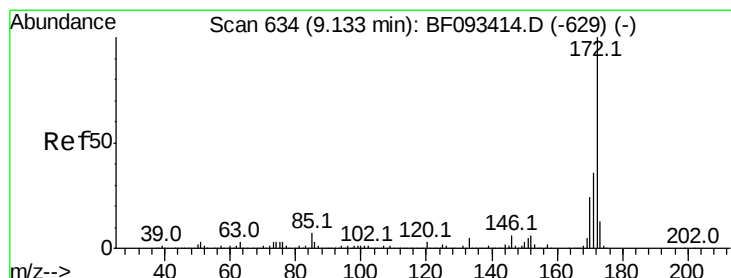
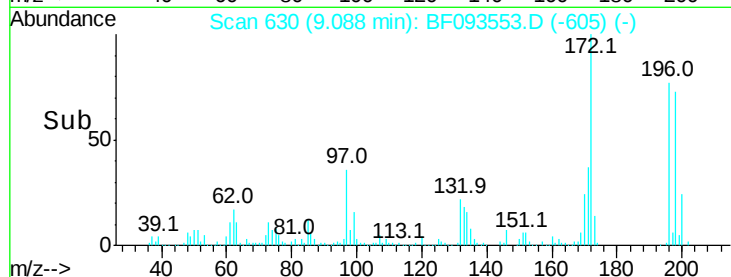
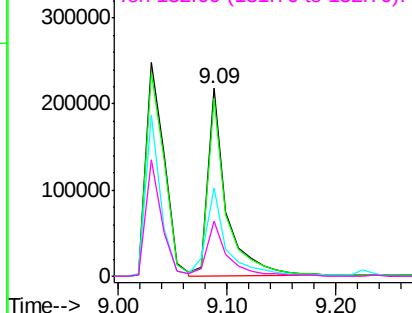
#43
 2,4,5-Trichlorophenol
 Concen: 42.08 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	259512
Ion	Ratio	Lower	Upper
196	100		
198	94.8	79.4	119.2
97	47.3	51.5	77.3#
132	29.1	27.4	41.2

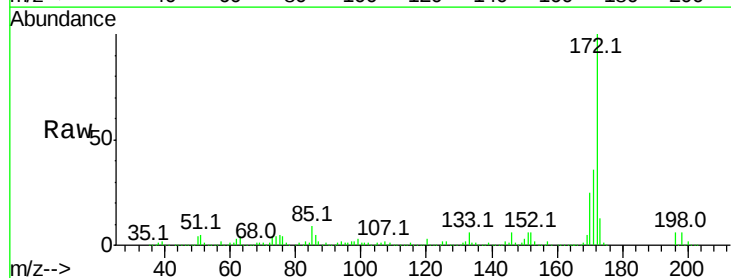


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

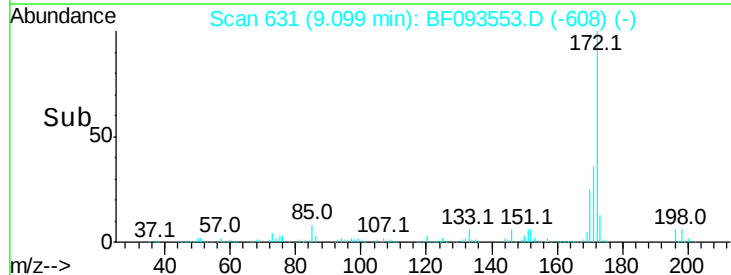
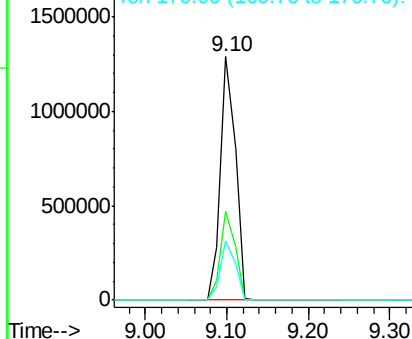


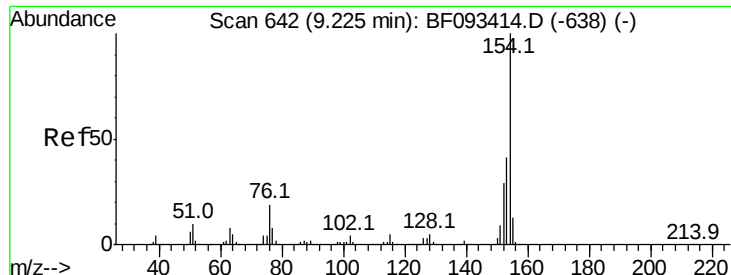
#44
 2-Fluorobiphenyl
 Concen: 90.82 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion:	172	Resp:	1644848
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.6	20.2	30.4



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





#45

1,1'-Biphenyl

Concen: 44.53 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

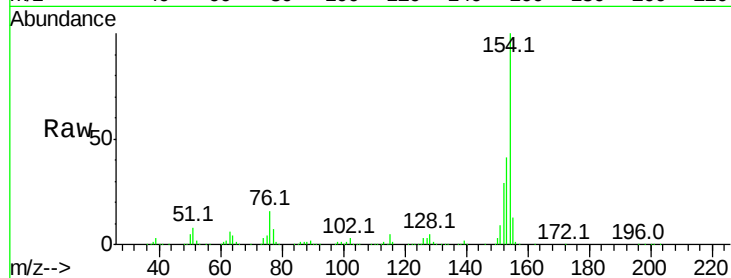
Tot Ion:154 Resp: 1092904

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

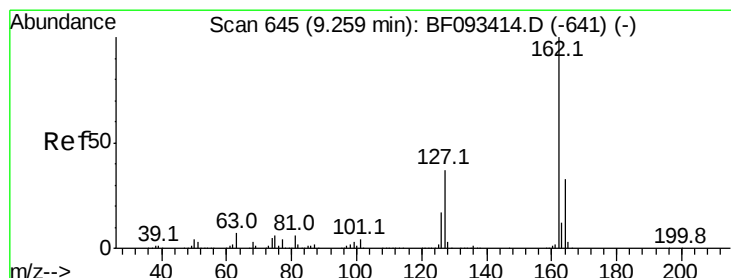
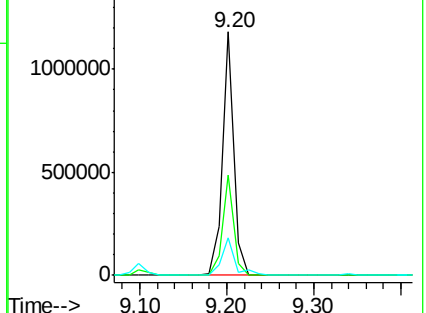
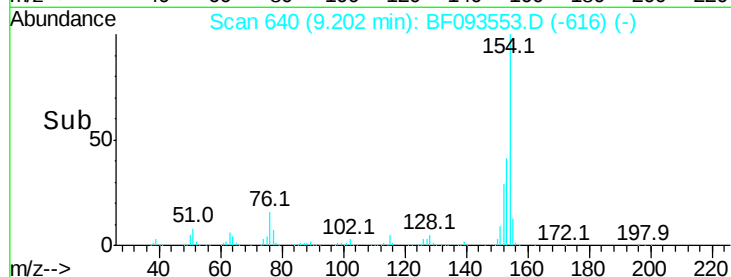
76 15.6 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.51 ng

RT: 9.22 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

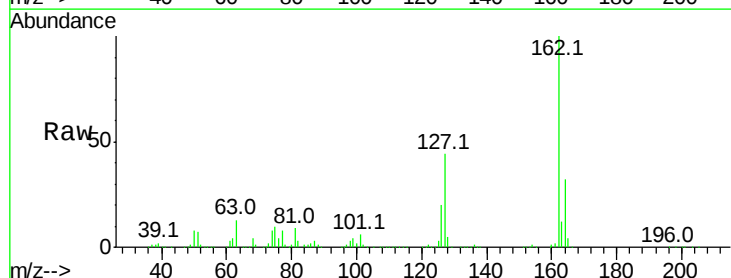
Tgt Ion:162 Resp: 873617

Ion Ratio Lower Upper

162 100

127 43.7 30.7 46.1

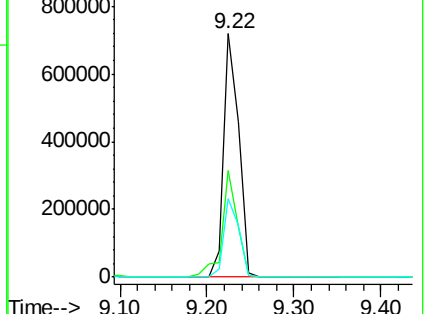
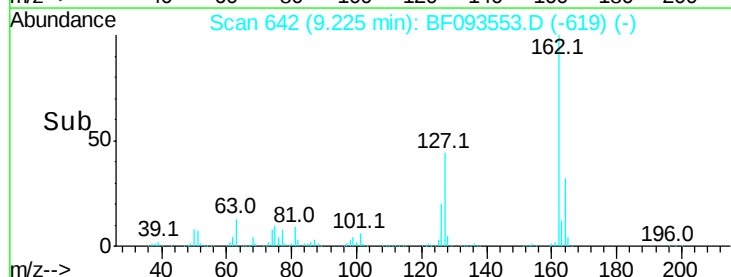
164 32.4 27.6 41.4

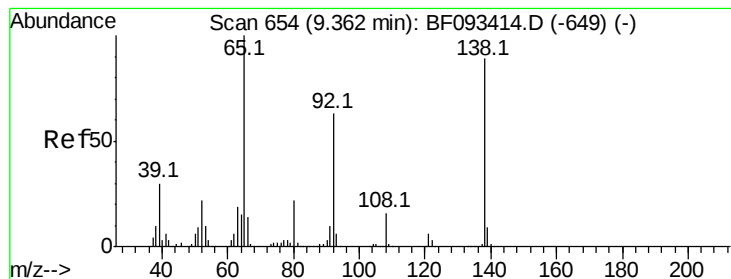


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.70 ng

RT: 9.34 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

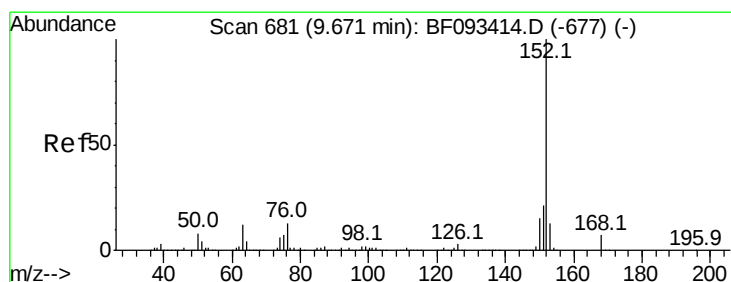
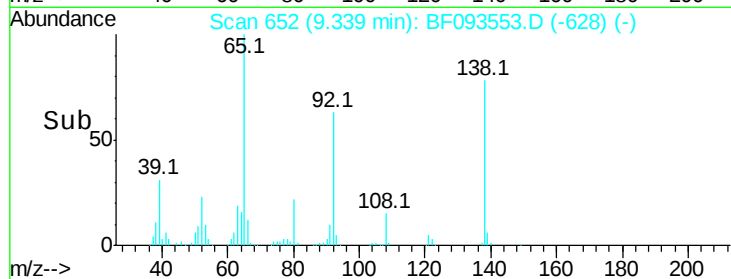
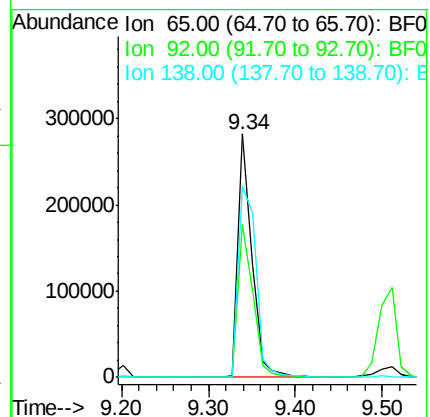
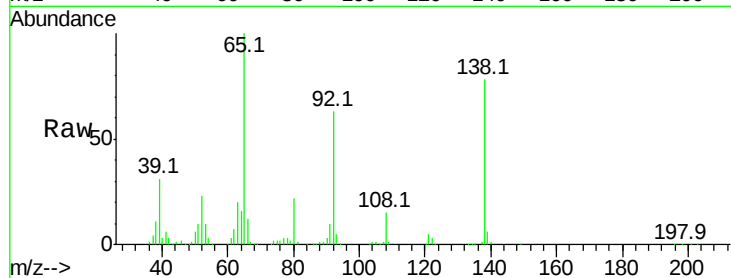
Tot Ion: 65 Resp: 310130

Ion Ratio Lower Upper

65 100

92 62.7 53.9 80.9

138 78.5 76.8 115.2



#48

Acenaphthylene

Concen: 43.12 ng

RT: 9.64 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

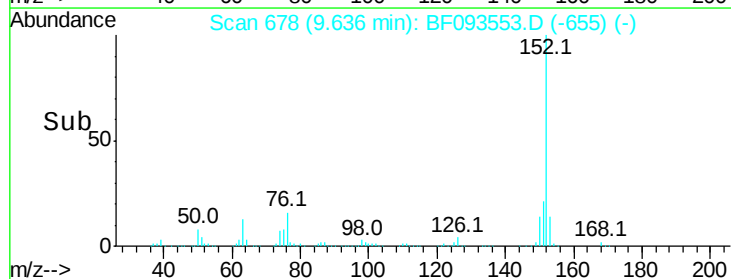
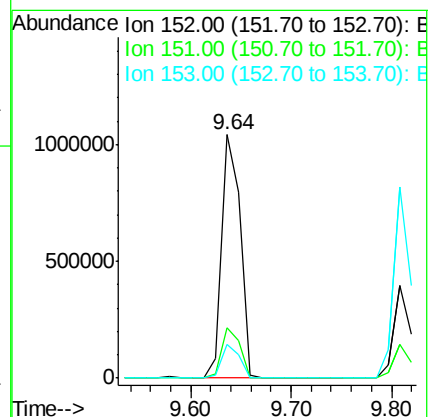
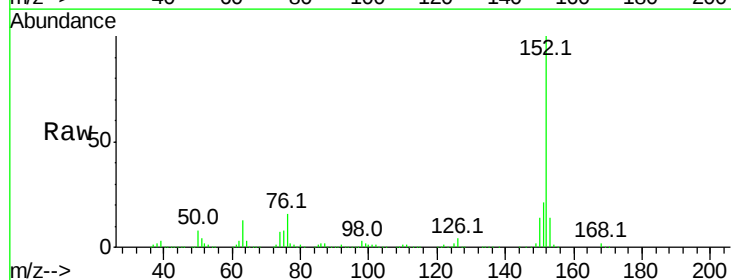
Tgt Ion: 152 Resp: 1335765

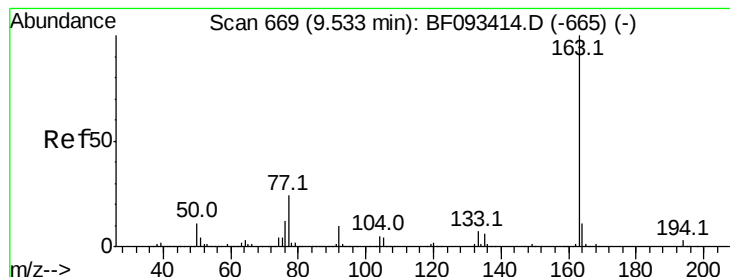
Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 13.6 11.4 17.2





#49

Dimethylphthalate

Concen: 45.68 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

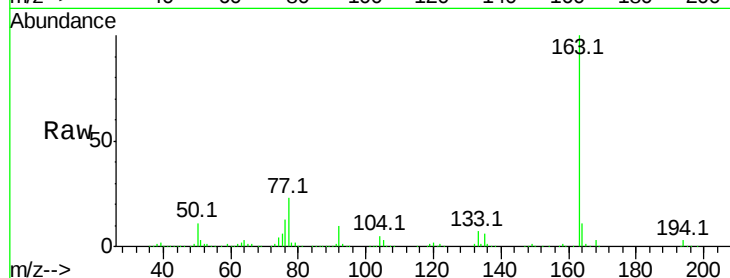
Tot Ion:163 Resp: 1020241

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

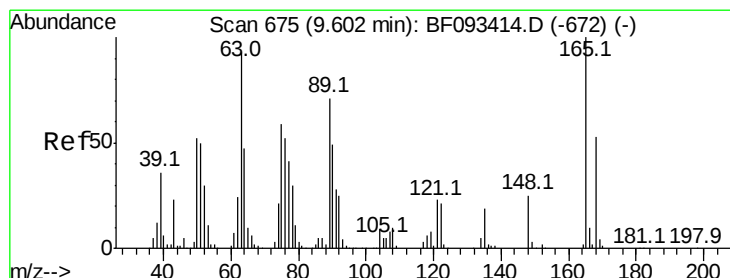
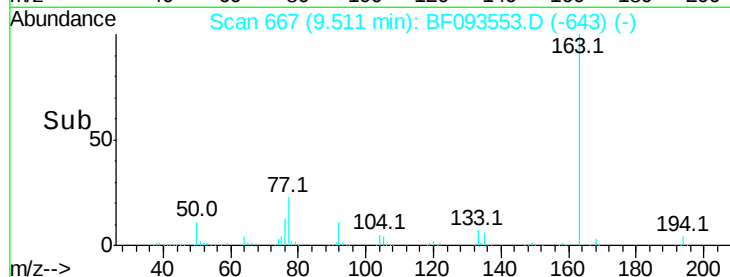
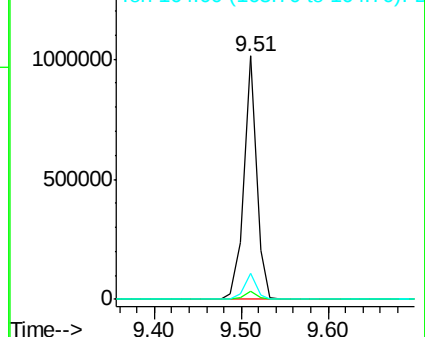
164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.03 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

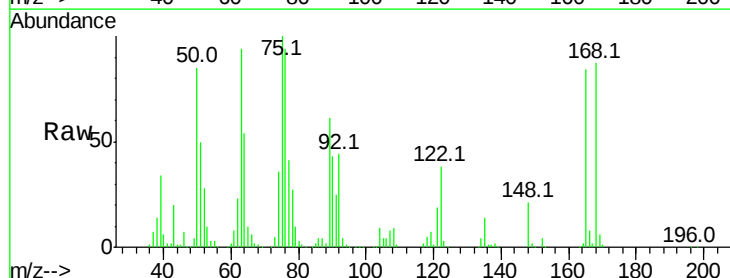
Tgt Ion:165 Resp: 215783

Ion Ratio Lower Upper

165 100

63 111.7 36.2 54.4#

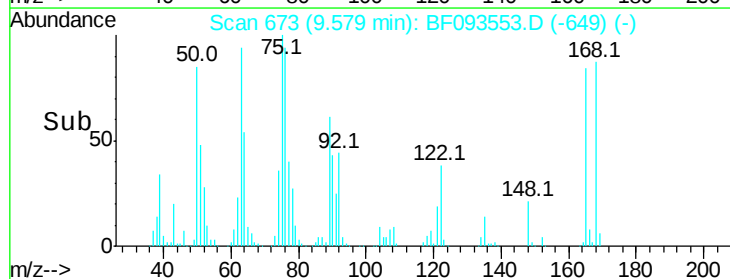
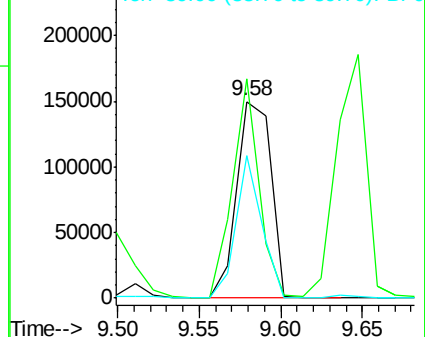
89 72.7 40.2 60.4#

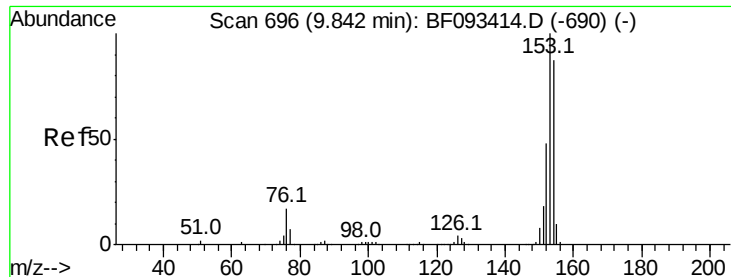


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.77 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

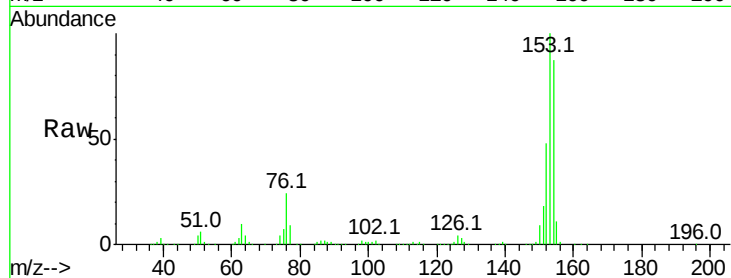
Tot Ion:154 Resp: 801820

Ion Ratio Lower Upper

154 100

153 115.0 88.6 133.0

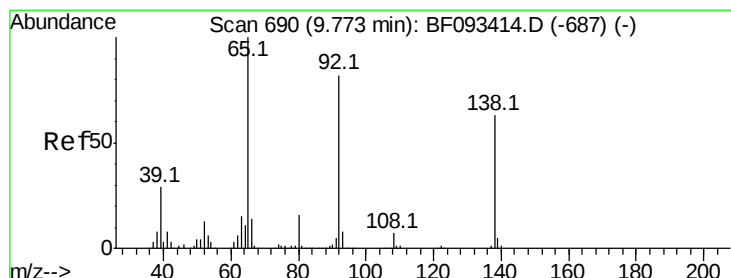
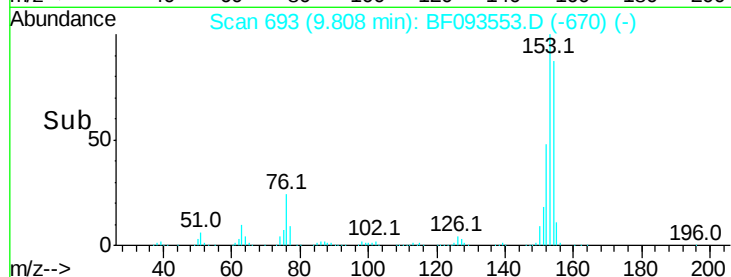
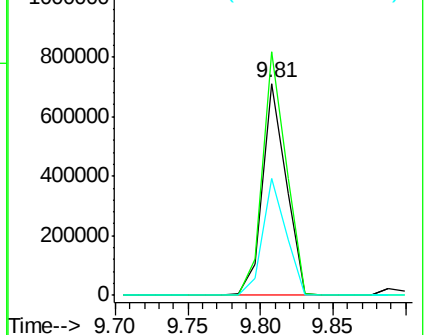
152 55.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.96 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

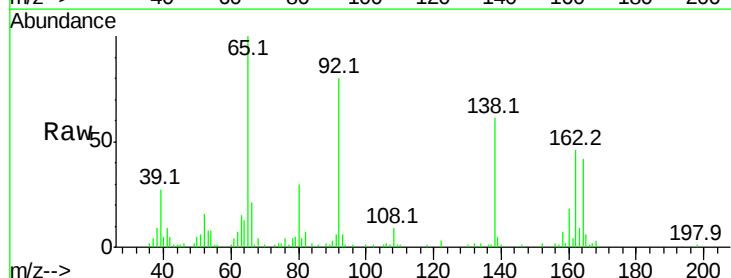
Tgt Ion:138 Resp: 46869

Ion Ratio Lower Upper

138 100

108 15.5 8.5 12.7#

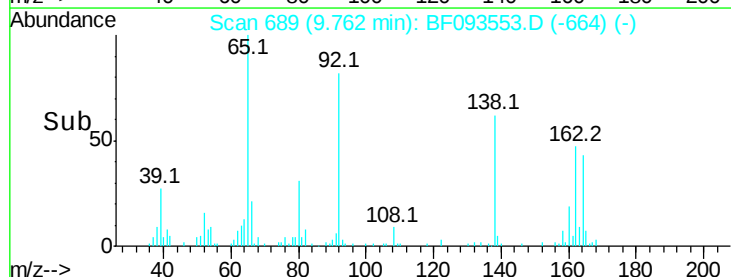
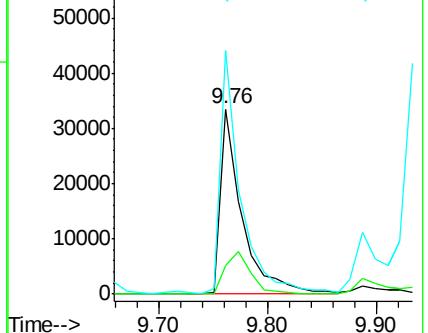
92 131.6 97.8 146.8

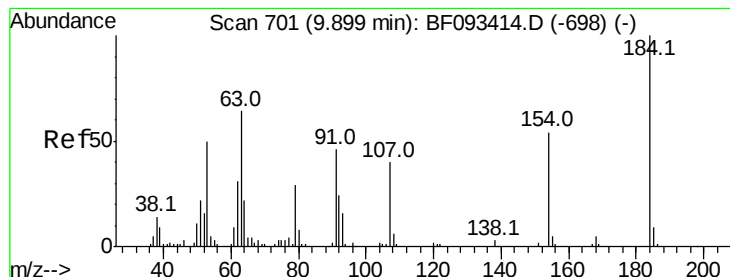


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 34.80 ng

RT: 9.89 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

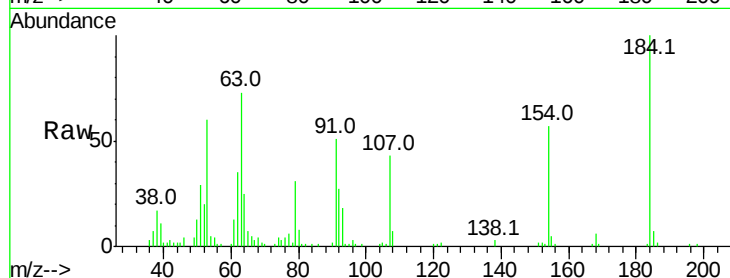
Tot Ion:184 Resp: 77660

Ion Ratio Lower Upper

184 100

63 72.8 28.4 42.6#

154 57.1 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

800000

600000

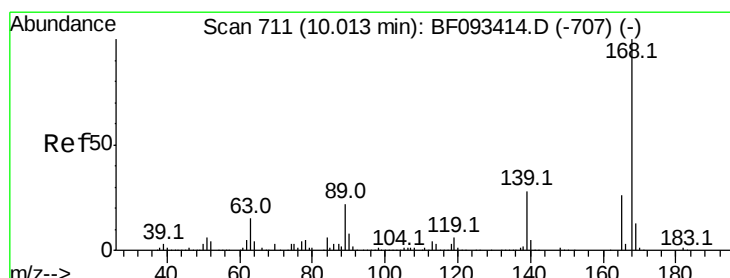
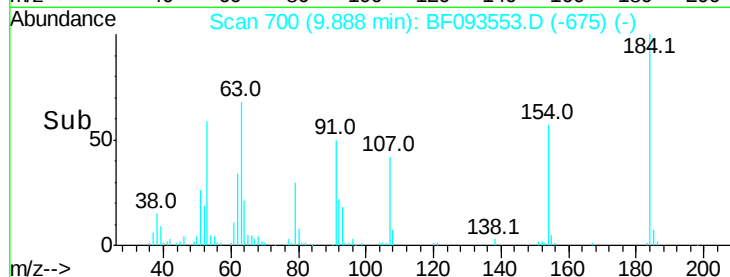
400000

200000

0

9.85 9.90 9.95

Time-->



#54

Dibenzofuran

Concen: 52.32 ng

RT: 9.99 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

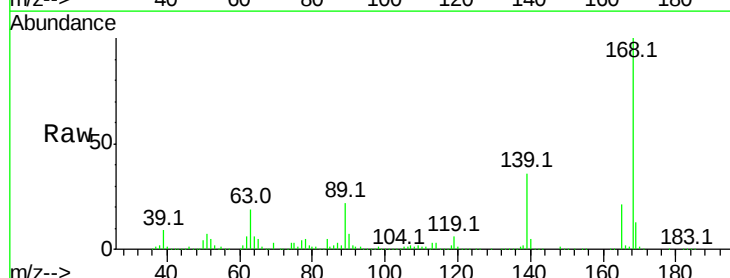
Tgt Ion:168 Resp: 1199783

Ion Ratio Lower Upper

168 100

139 36.1 32.6 49.0

169 13.1 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

1200000

1000000

800000

600000

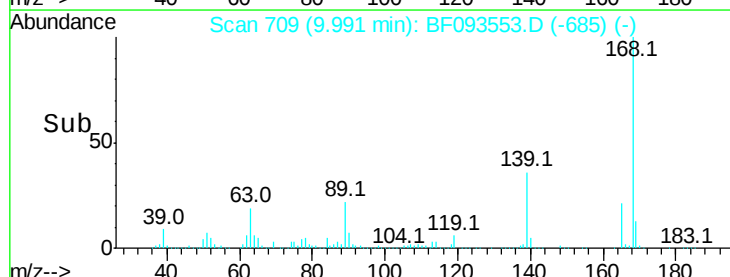
400000

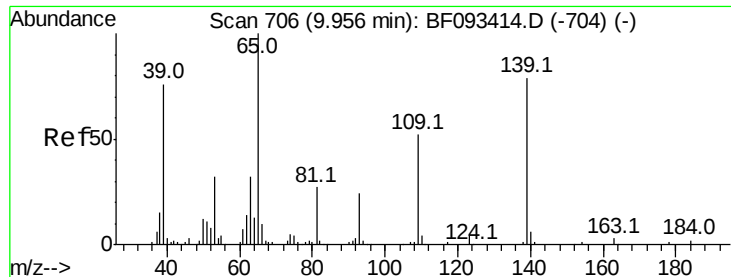
200000

0

9.90 9.95 10.00 10.05

Time-->

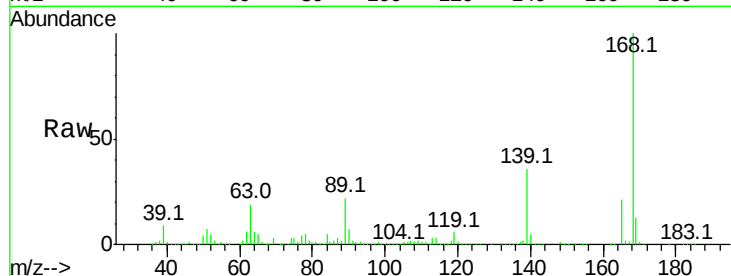




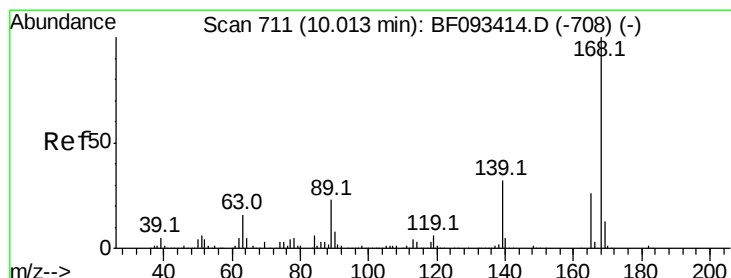
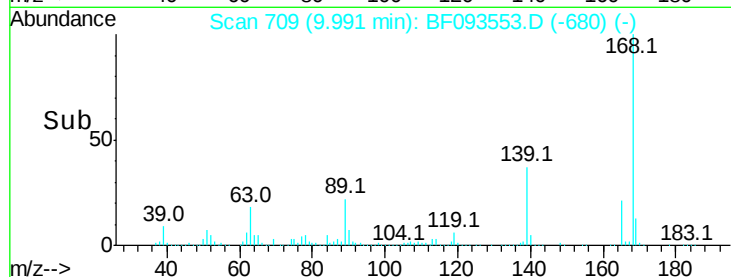
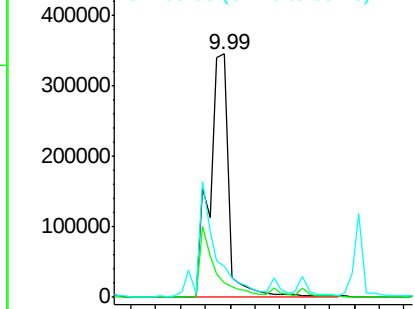
#55
4-Nitrophenol
Concen: 256.81 ng
RT: 9.99 min Scan# 709
Delta R.T. 0.03 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 734382
Ion Ratio Lower Upper
139 100
109 5.8 52.2 92.2#
65 12.9 85.8 125.8#



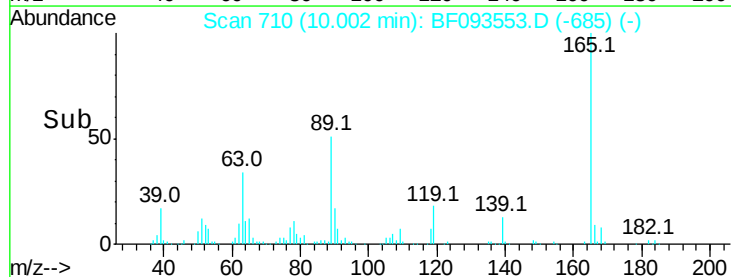
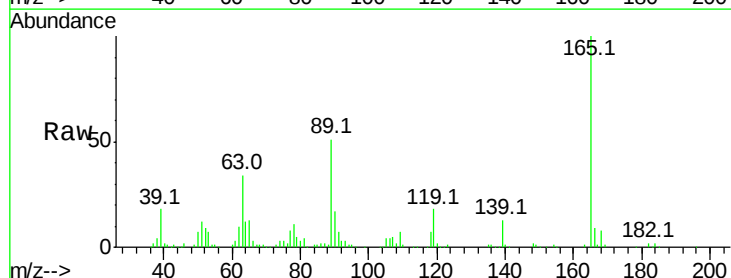
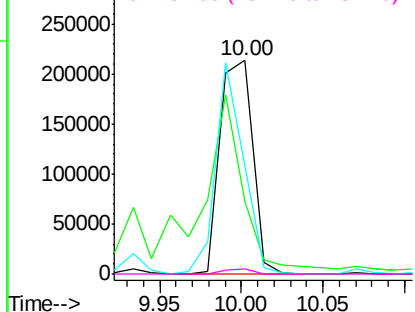
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

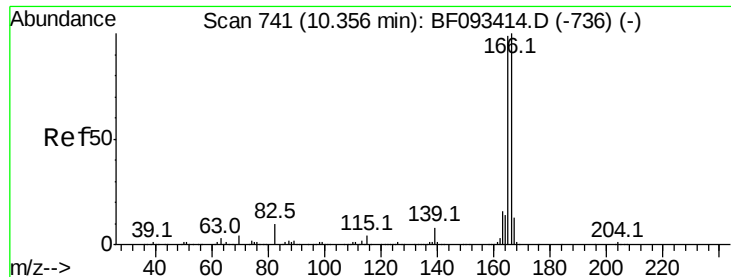


#56
2,4-Dinitrotoluene
Concen: 49.27 ng
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion:165 Resp: 296642
Ion Ratio Lower Upper
165 100
63 34.2 40.2 60.4#
89 50.9 62.5 93.7#
182 2.4 1.8 2.8

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

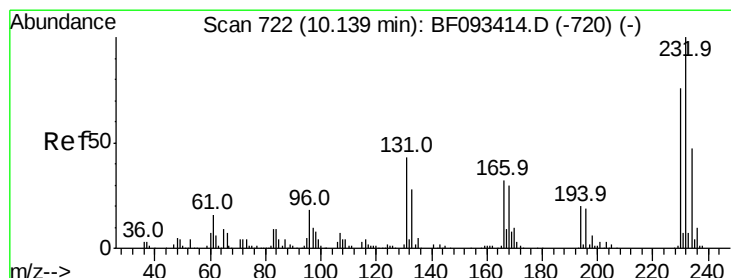
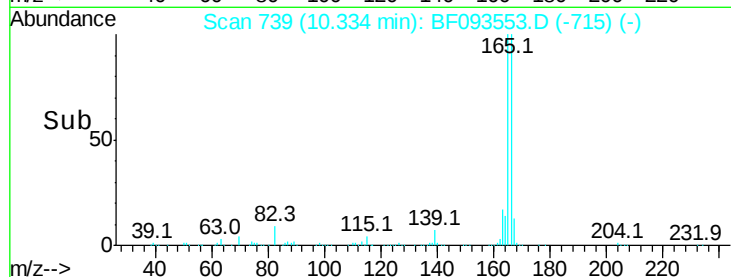
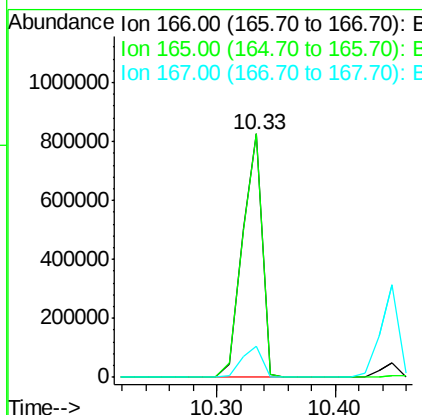
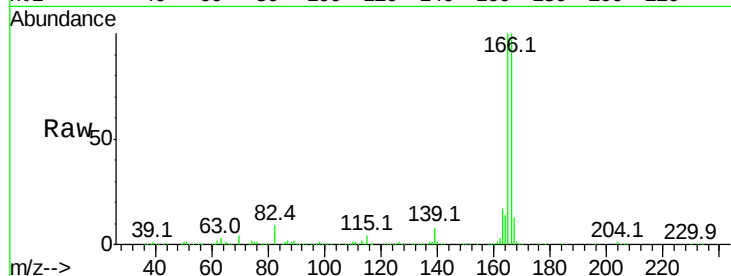




#57
 Fluorene
 Concen: 49.08 ng
 RT: 10.33 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

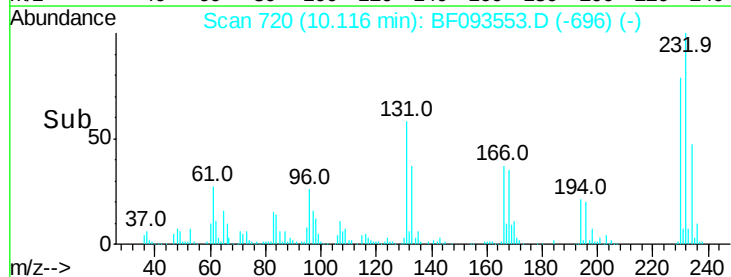
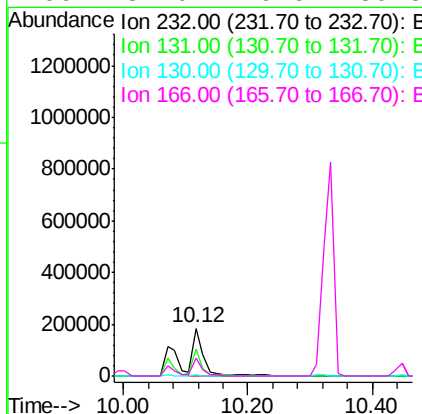
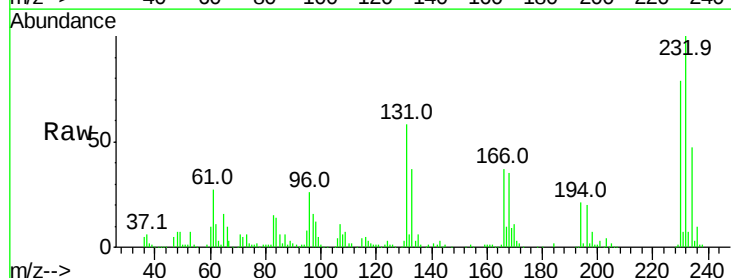
Instrument :
 BNA_F
 ClientSampled :

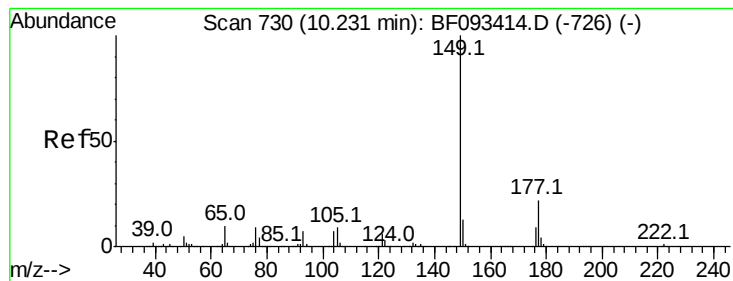
Tot Ion:166 Resp: 953670
 Ion Ratio Lower Upper
 166 100
 165 99.8 77.8 116.8
 167 13.0 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.65 ng
 RT: 10.12 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion:232 Resp: 224783
 Ion Ratio Lower Upper
 232 100
 131 45.8 40.1 60.1
 130 2.7 1.8 2.8
 166 31.0 26.6 39.8





#59

Diethylphthalate

Concen: 46.94 ng

RT: 10.21 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

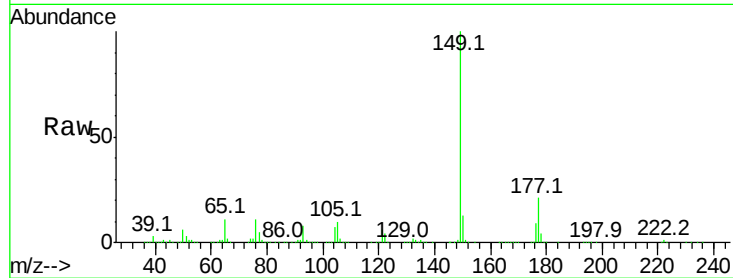
Tot Ion:149 Resp: 1002011

Ion Ratio Lower Upper

149 100

177 21.5 16.6 25.0

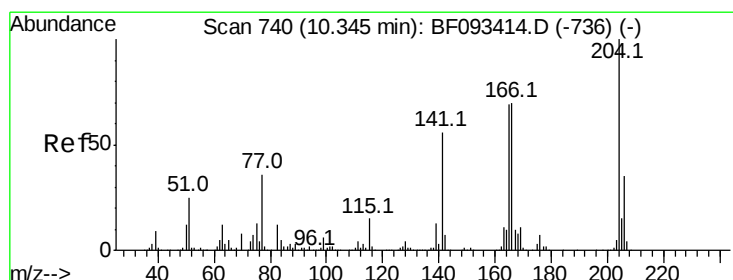
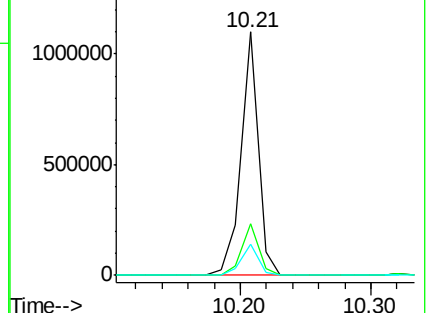
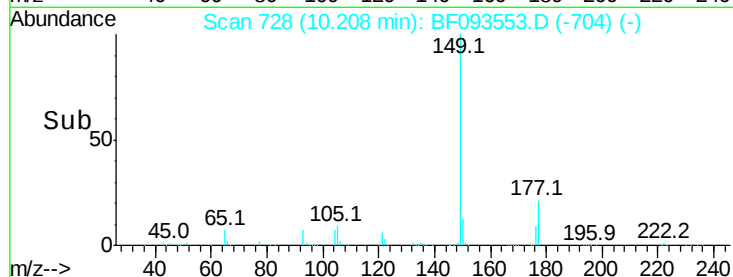
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 51.99 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

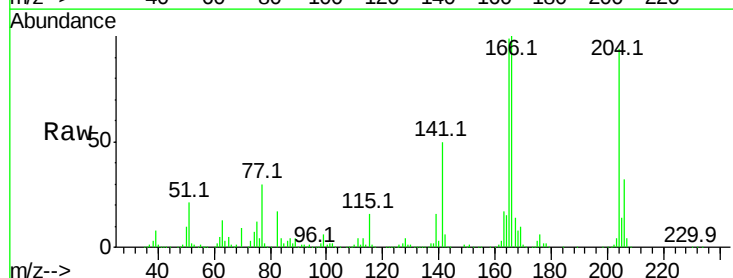
Tgt Ion:204 Resp: 452773

Ion Ratio Lower Upper

204 100

206 33.8 25.8 38.6

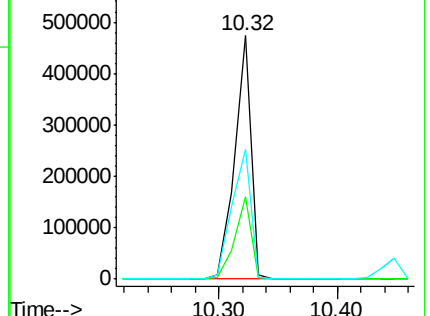
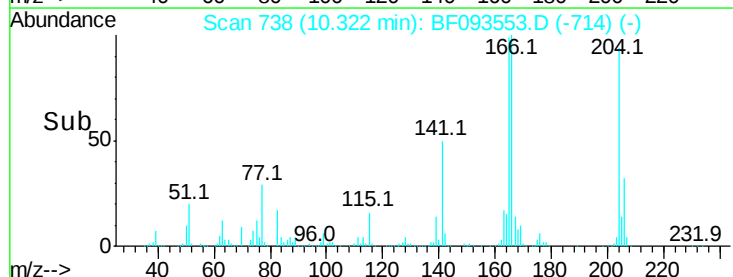
141 53.3 59.4 89.0#

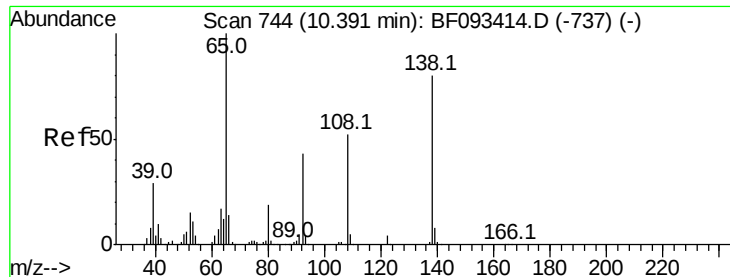


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.99 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

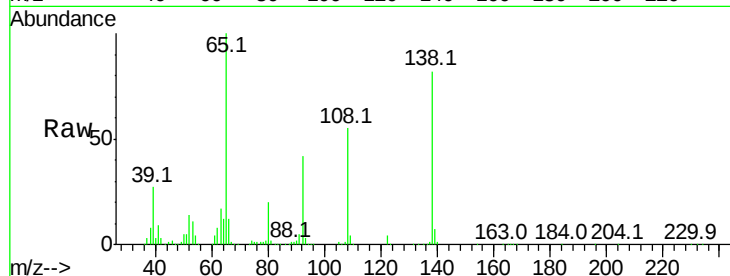
Tot Ion:138 Resp: 234764

Ion Ratio Lower Upper

138 100

92 51.7 31.7 71.7

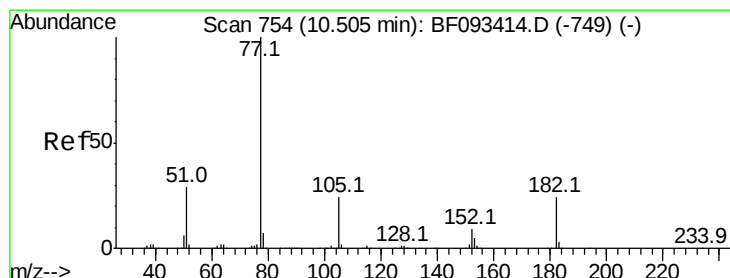
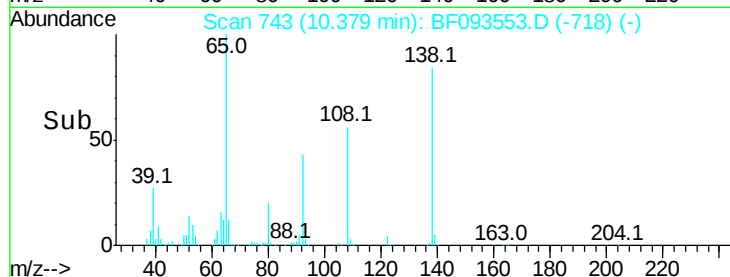
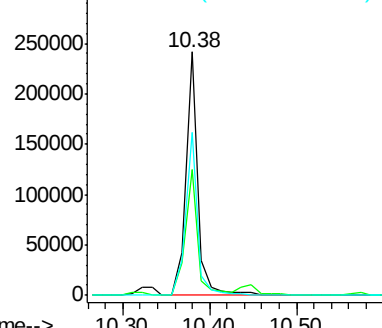
108 66.7 52.6 92.6



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: 54.25 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Tgt Ion: 77 Resp: 1315820

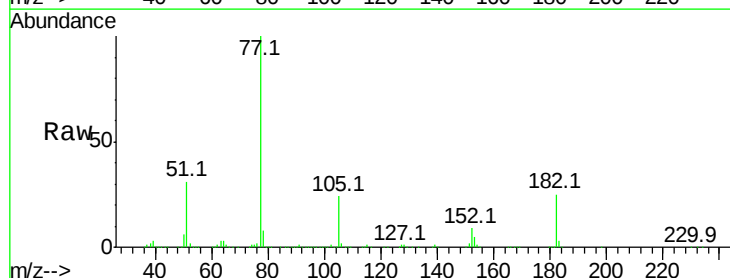
Ion Ratio Lower Upper

77 100

182 24.7 0.0 39.3

105 24.4 2.3 42.3

51 30.6 8.9 48.9

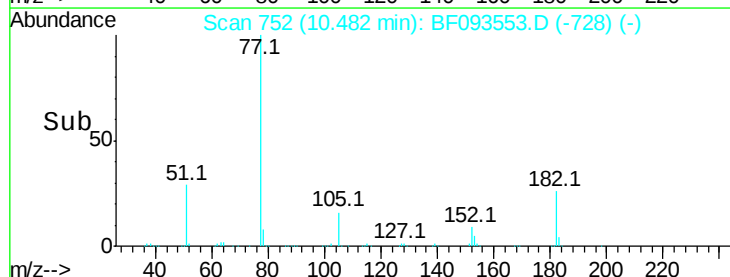
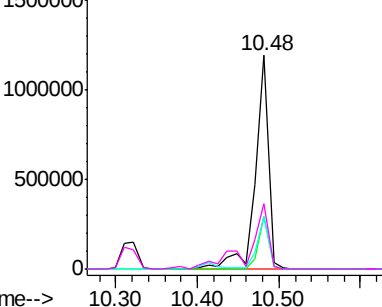


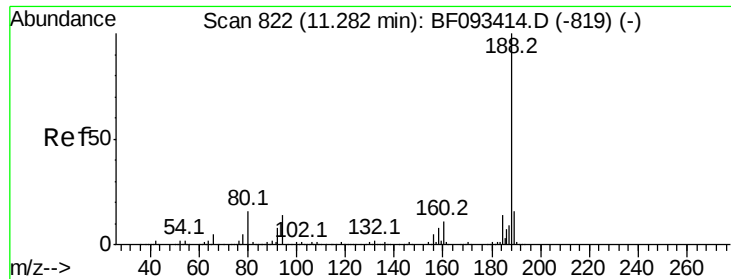
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

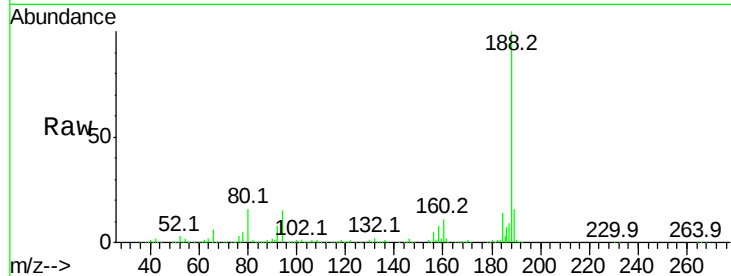




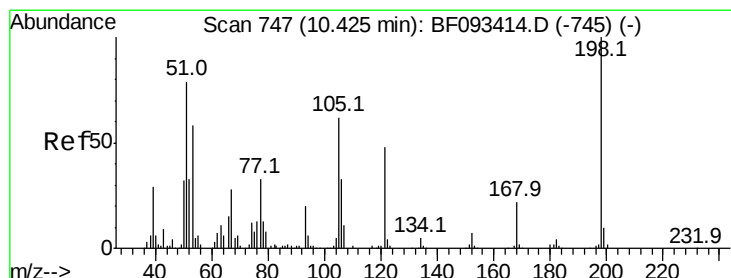
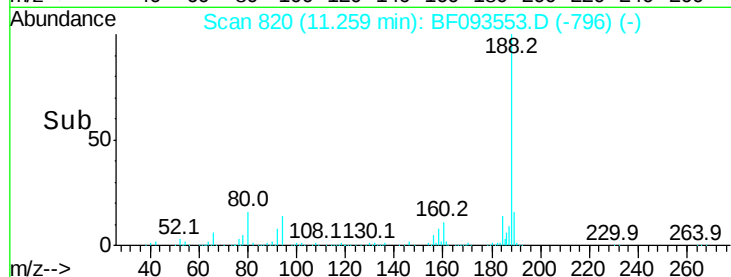
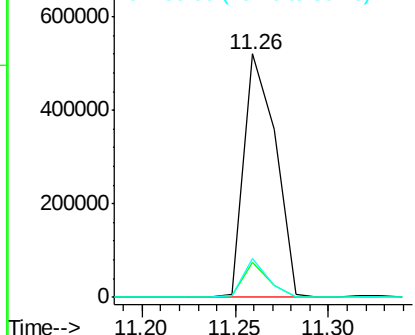
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 615082
Ion Ratio Lower Upper
188 100
94 14.6 10.0 15.0
80 16.0 11.2 16.8

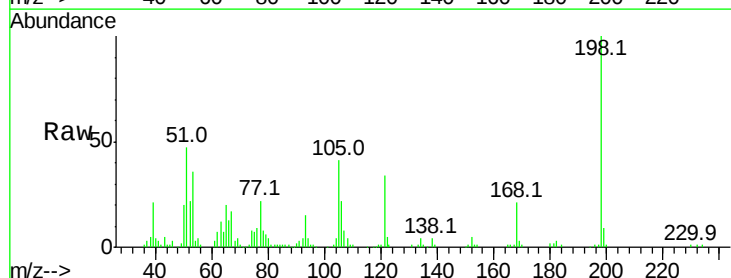


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

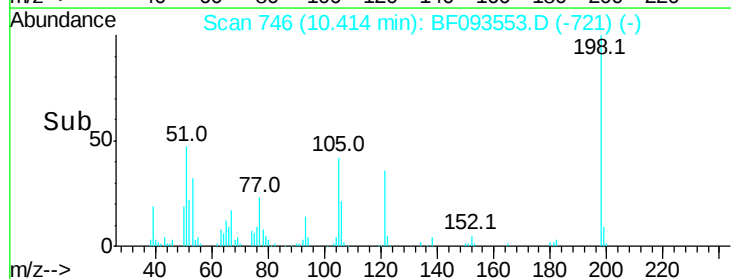
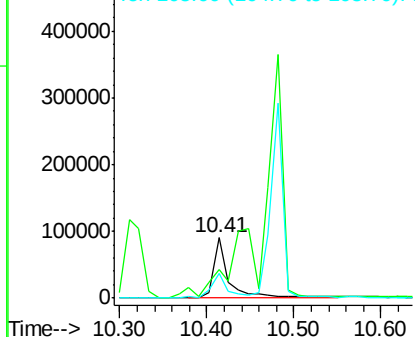


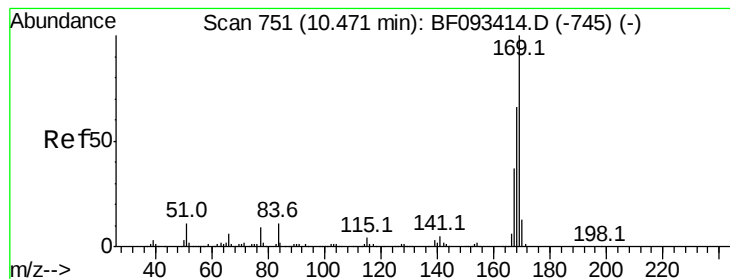
#64
4,6-Dinitro-2-methylphenol
Concen: 29.36 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion:198 Resp: 116988
Ion Ratio Lower Upper
198 100
51 46.7 6.7 46.7
105 40.6 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: 42.32 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

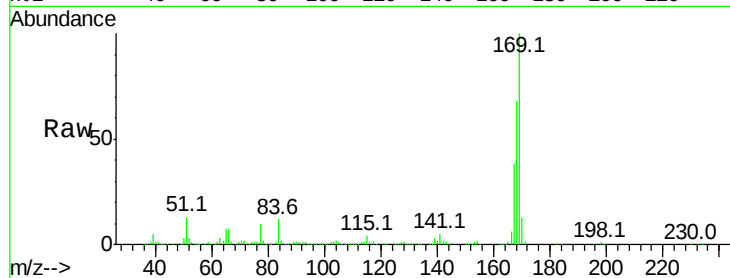
Tot Ion:169 Resp: 869181

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

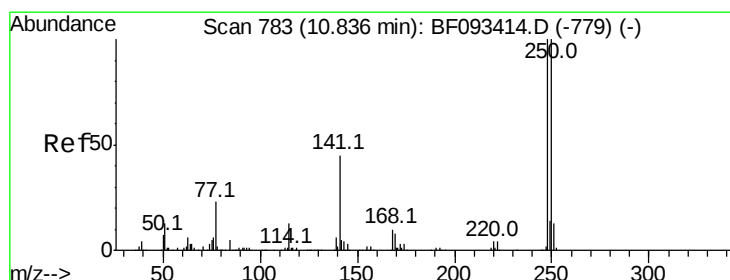
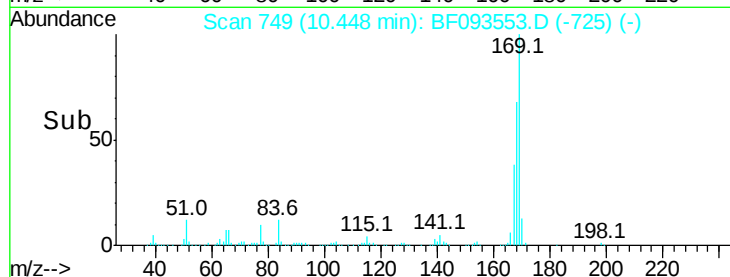
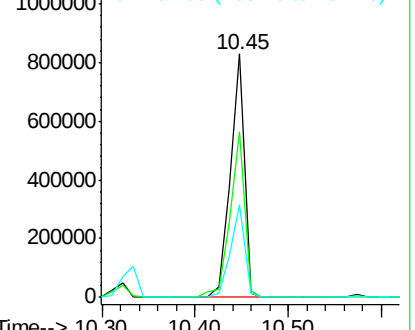
167 38.0 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.63 ng

RT: 10.80 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

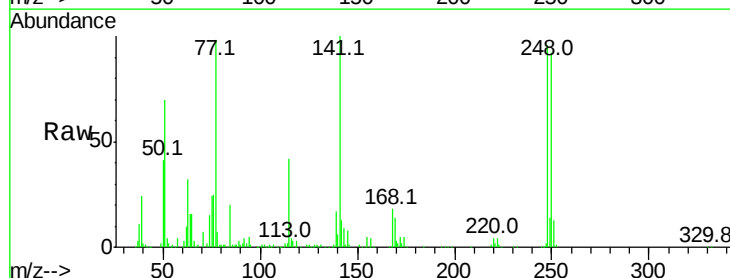
Tgt Ion:248 Resp: 251242

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

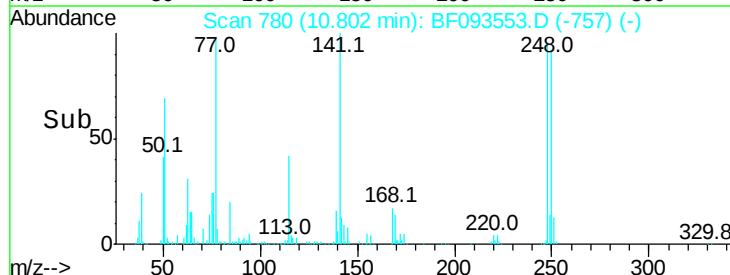
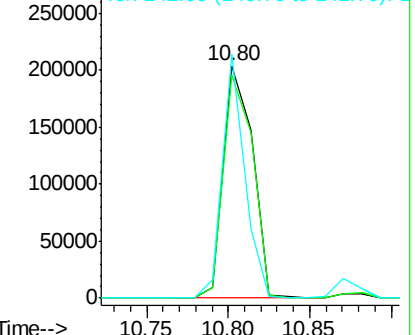
141 104.7 68.2 102.4#

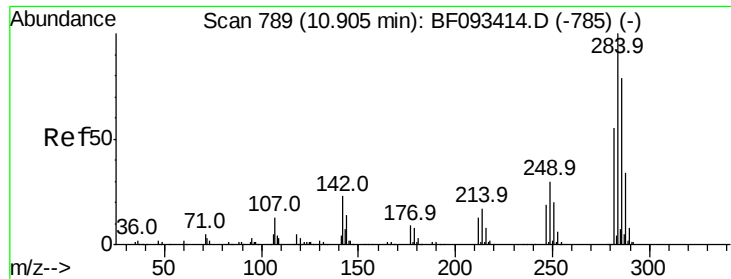


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.14 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

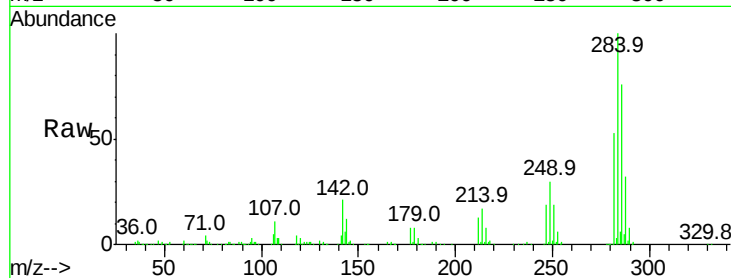
Tot Ion:284 Resp: 261696

Ion Ratio Lower Upper

284 100

142 21.4 22.6 33.8#

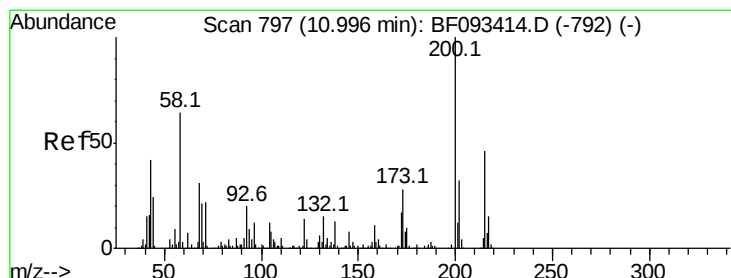
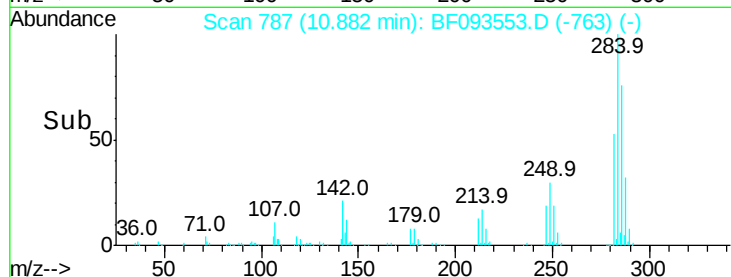
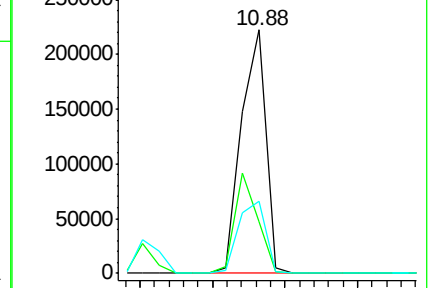
249 29.5 25.4 38.0



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: 37.35 ng

RT: 10.97 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

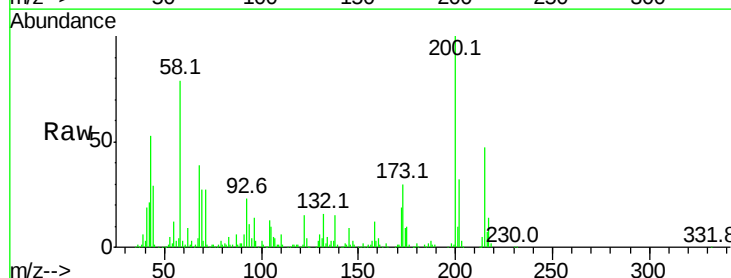
Tgt Ion:200 Resp: 224523

Ion Ratio Lower Upper

200 100

173 29.5 9.6 49.6

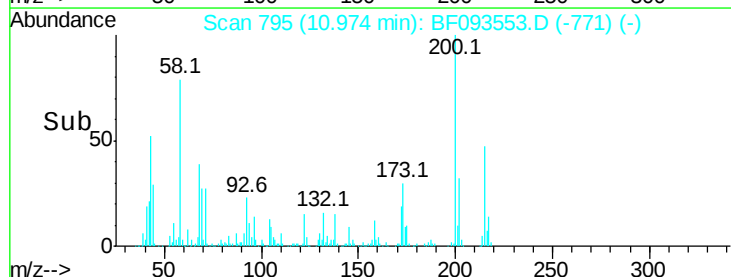
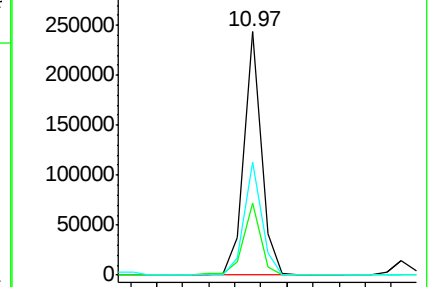
215 46.6 25.7 65.7

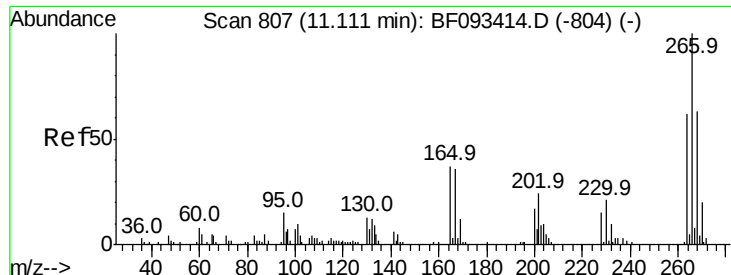


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

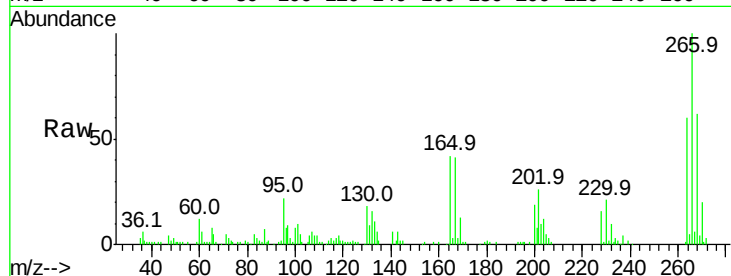




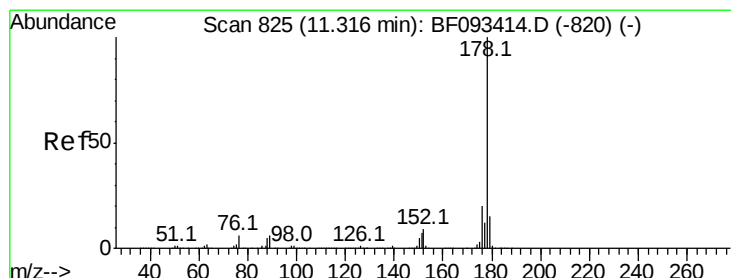
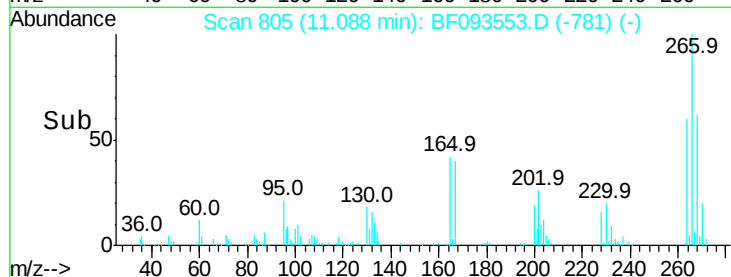
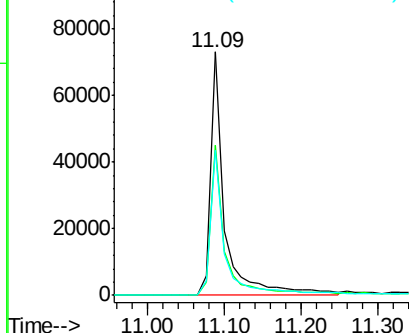
#69
 Pentachlorophenol
 Concen: 43.33 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 92921
 Ion Ratio Lower Upper
 266 100
 268 61.8 53.3 79.9
 264 59.8 50.3 75.5

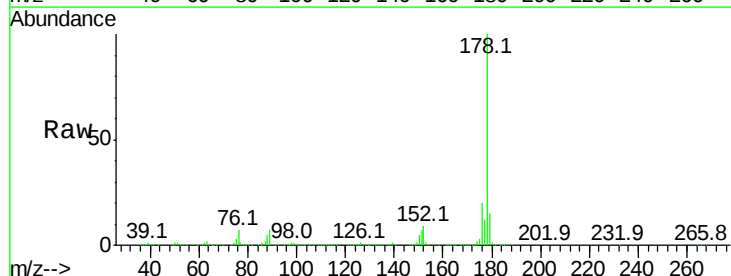


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

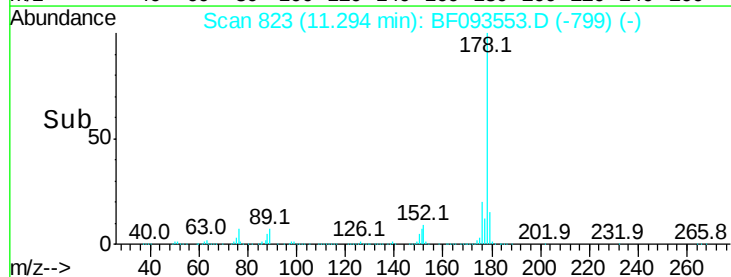
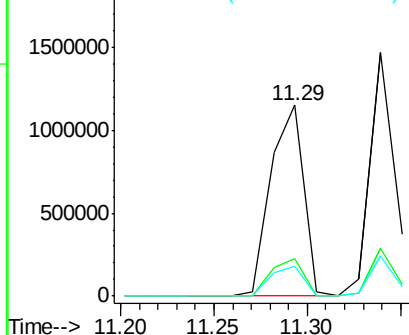


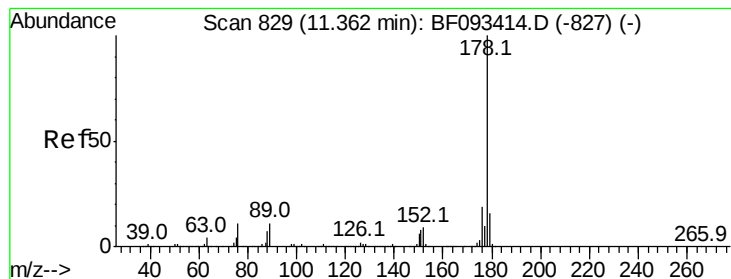
#70
 Phenanthrene
 Concen: 40.59 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion:178 Resp: 1425153
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.5 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: 38.50 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

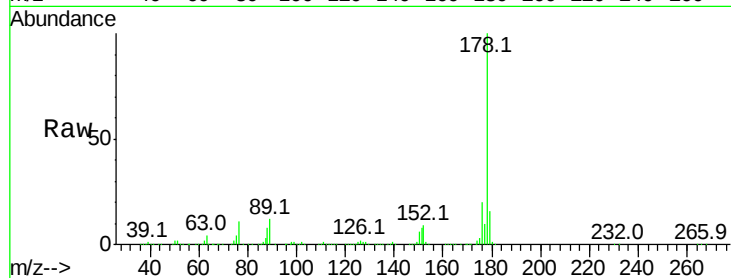
Tot Ion:178 Resp: 1367429

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

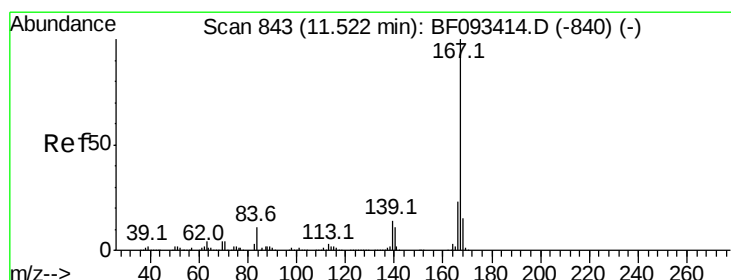
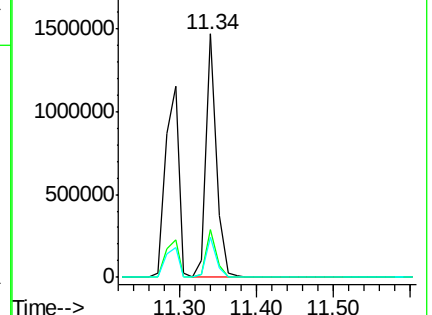
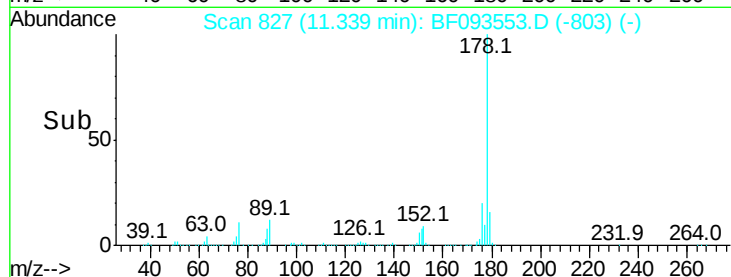
179 16.3 13.2 19.8



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: 40.98 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

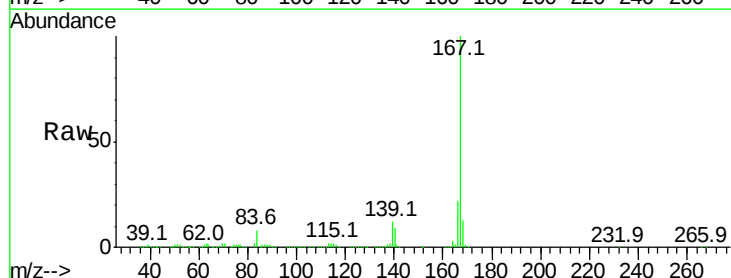
Tgt Ion:167 Resp: 1367375

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

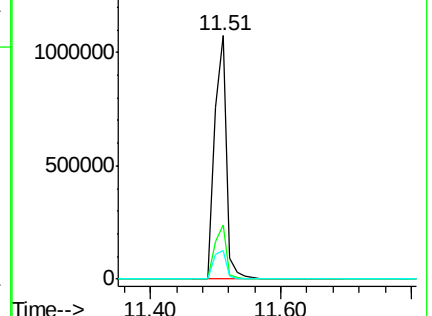
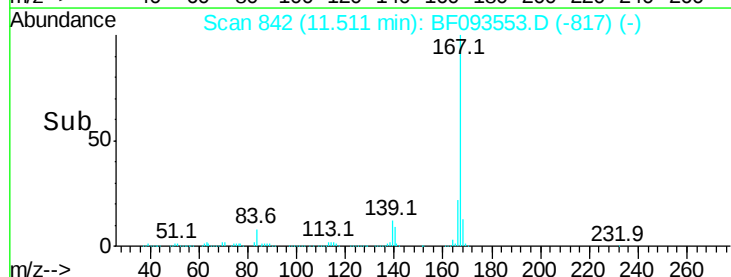
139 11.7 11.4 17.2

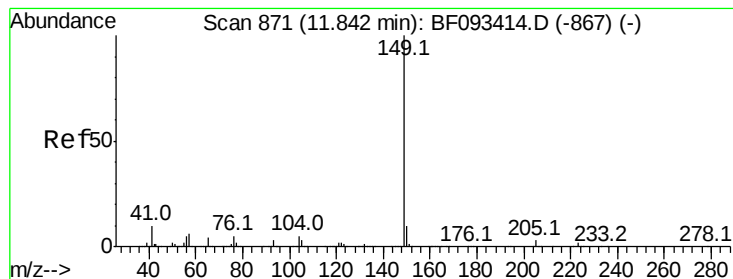


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.19 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

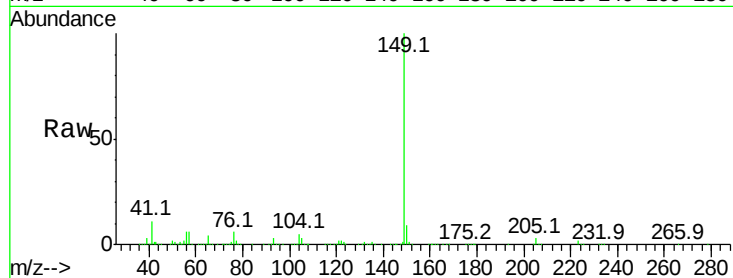
Tot Ion:149 Resp: 1589947

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

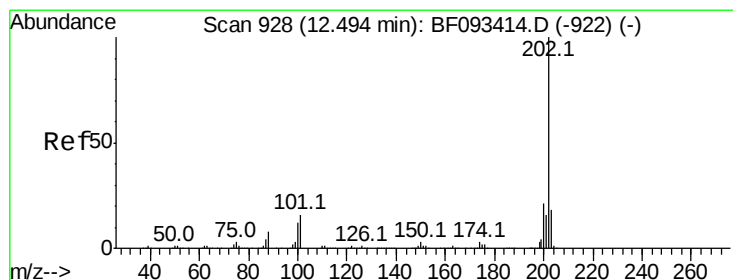
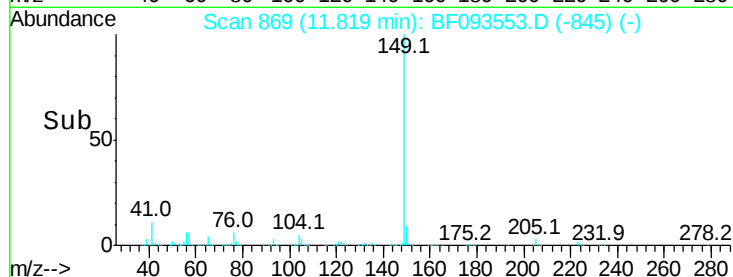
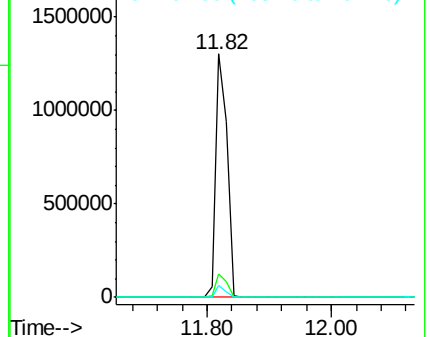
104 5.1 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.83 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

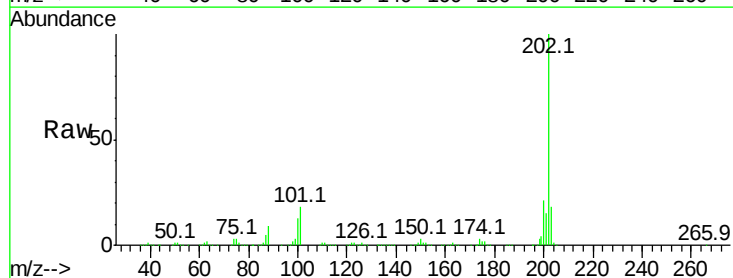
Tgt Ion:202 Resp: 1418439

Ion Ratio Lower Upper

202 100

101 18.0 0.0 34.6

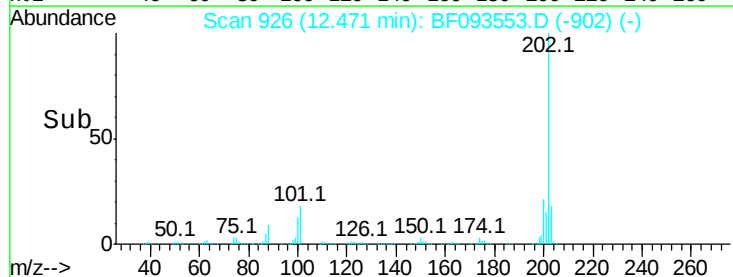
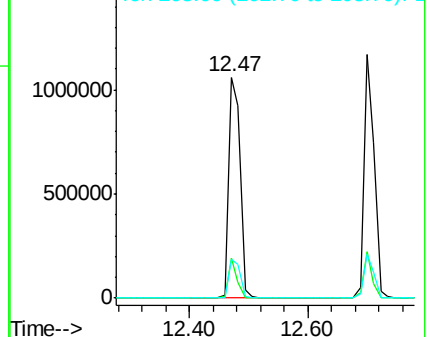
203 17.7 0.0 38.7

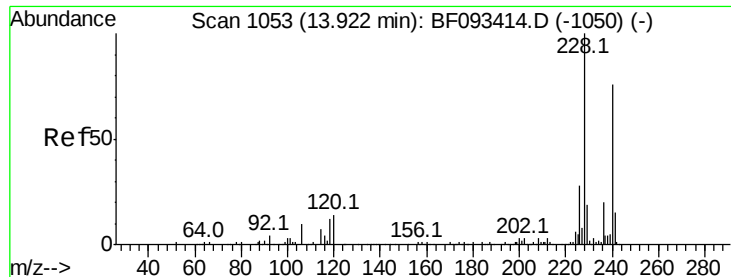


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

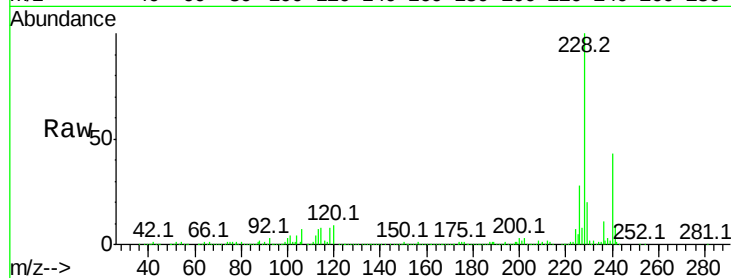
Tot Ion:240 Resp: 470786

Ion Ratio Lower Upper

240 100

120 20.4 12.9 19.3#

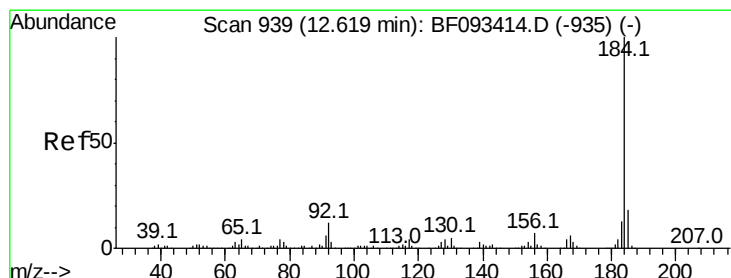
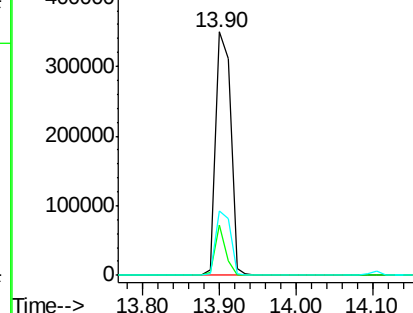
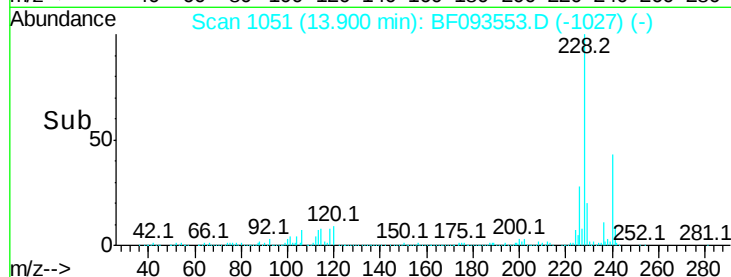
236 26.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.13 ng

RT: 12.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

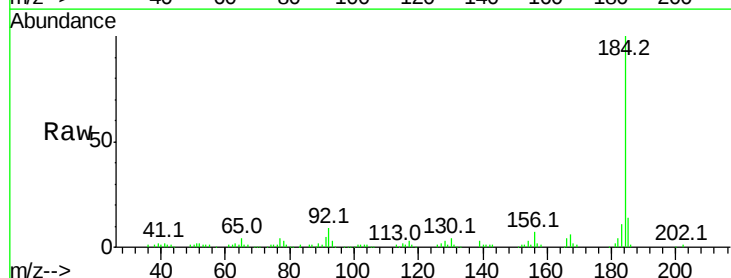
Tgt Ion:184 Resp: 141285

Ion Ratio Lower Upper

184 100

185 13.9 13.4 20.0

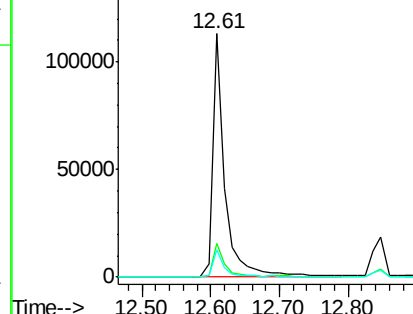
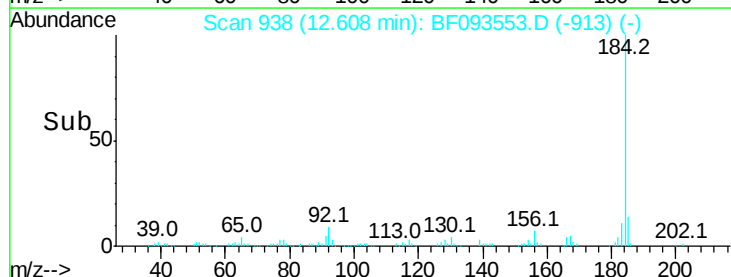
183 11.4 9.2 13.8

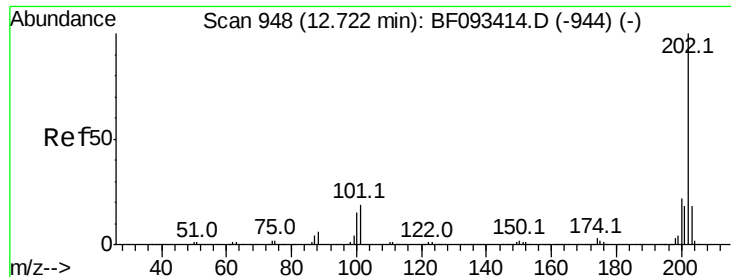


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



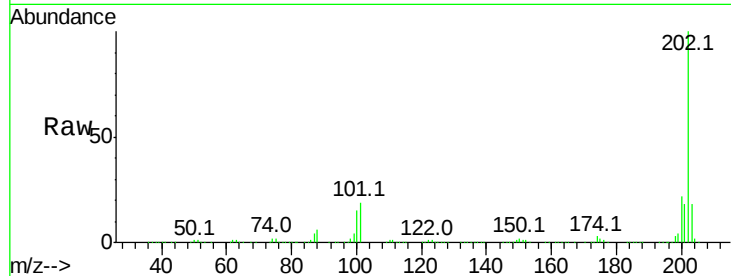


#77
 Pvrene
 Concen: 40.27 ng
 RT: 12.70 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

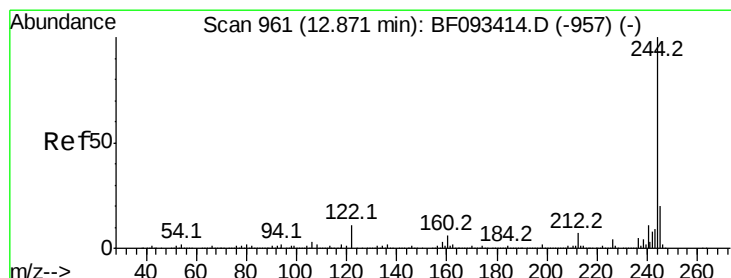
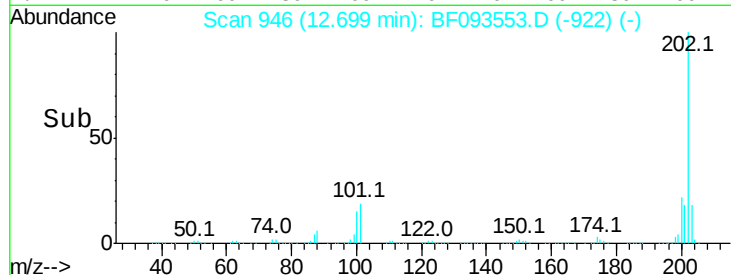
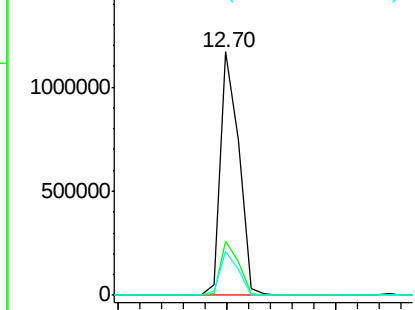
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1378654

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.2	14.7	22.1



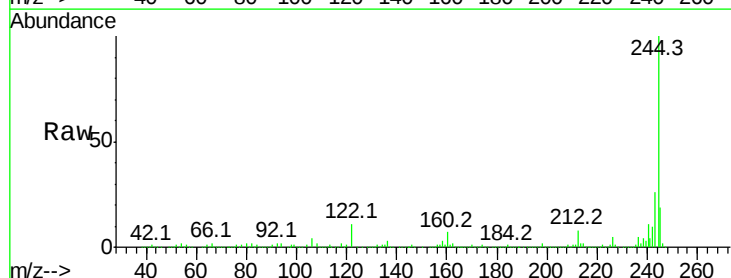
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



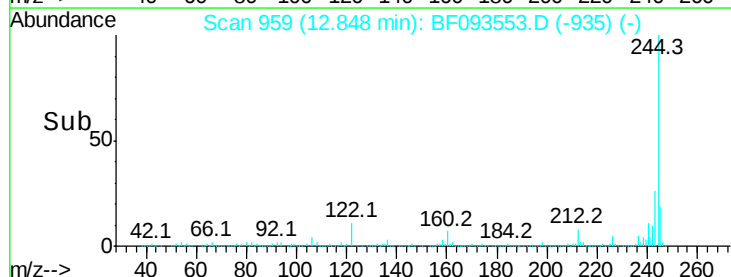
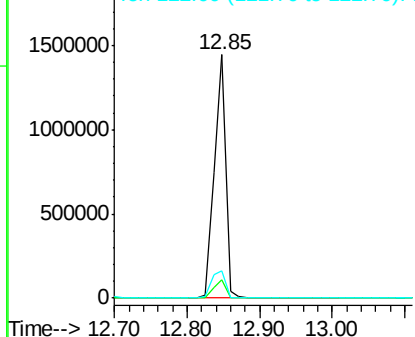
#78
 Terphenyl-d14
 Concen: 86.20 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

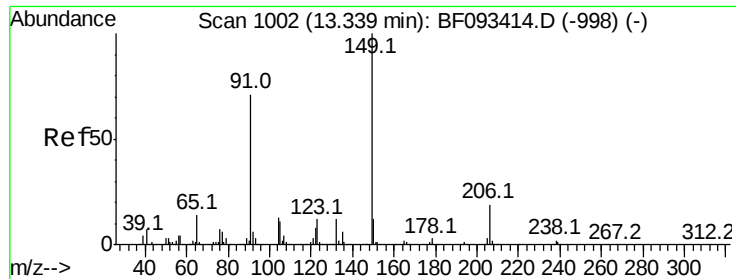
Tgt Ion:244 Resp: 1560949

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.0	11.4	17.2



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

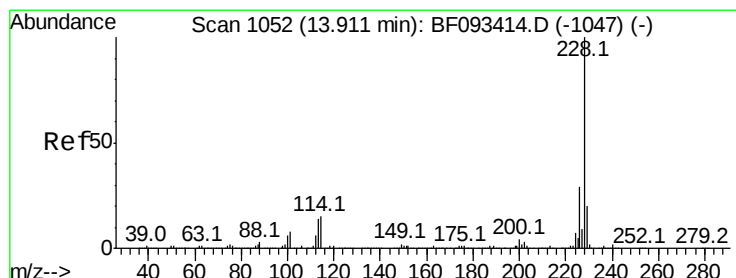
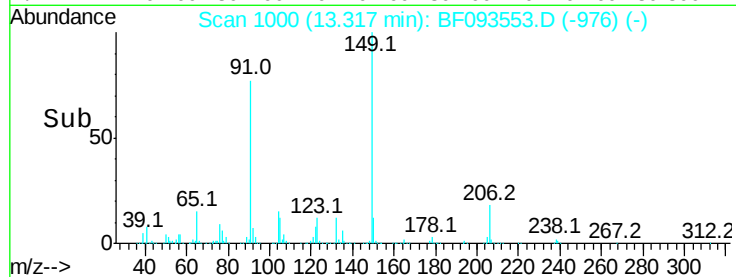
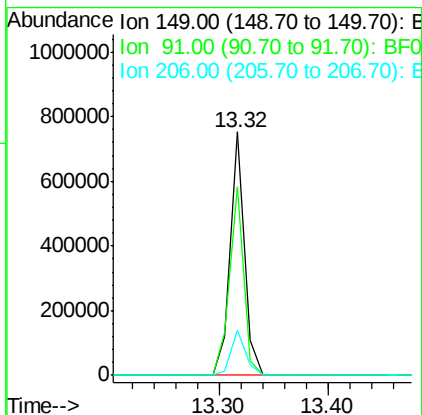
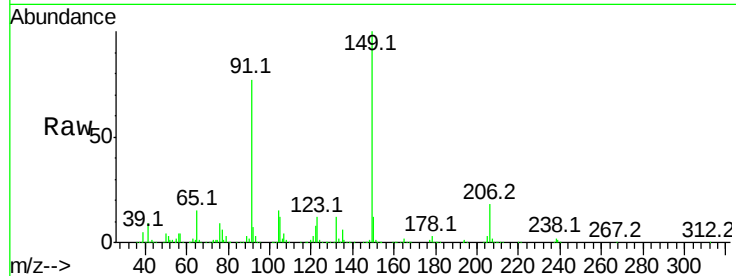




#79
Butylbenzylphthalate
Concen: 47.04 ng
RT: 13.32 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

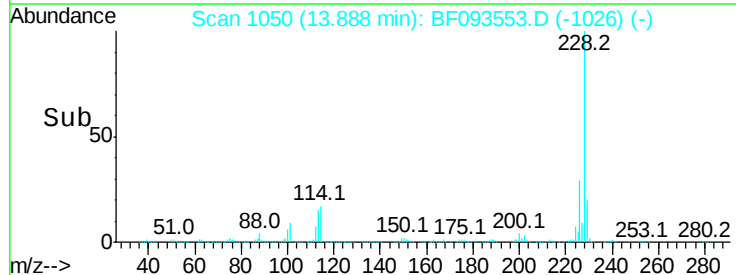
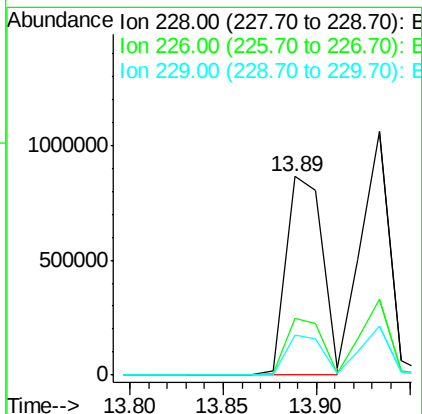
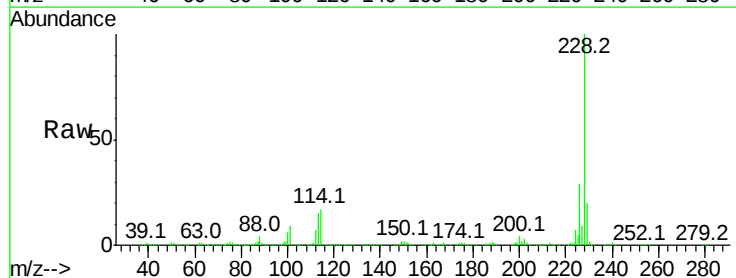
Instrument :
BNA_F
ClientSampleId :

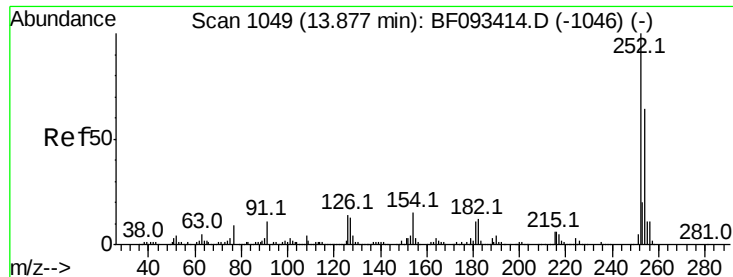
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.4	63.9	95.9
206	18.4	14.6	21.8



#80
Benzo(a)anthracene
Concen: 42.36 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.2	16.2	24.4

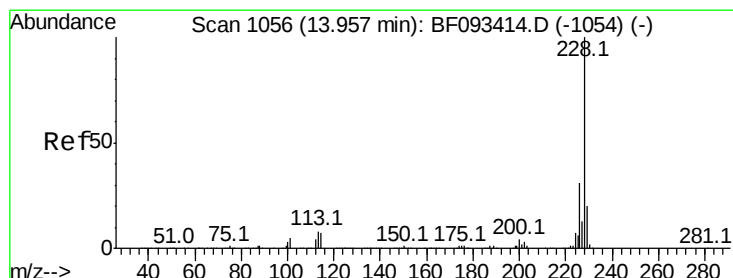
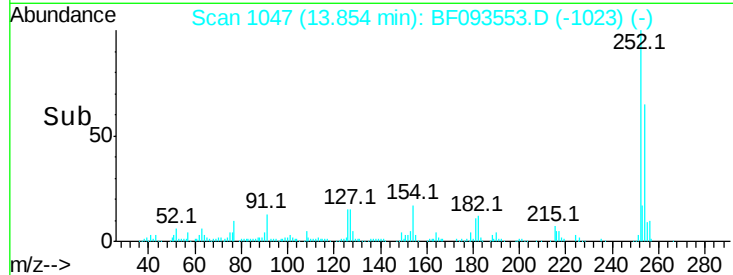
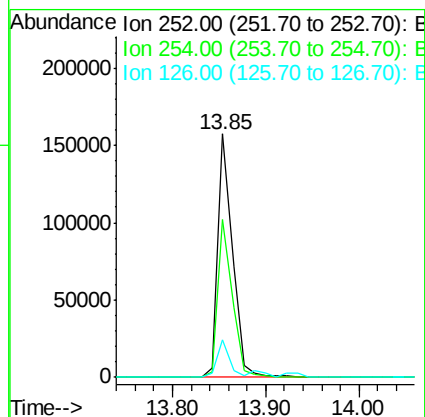
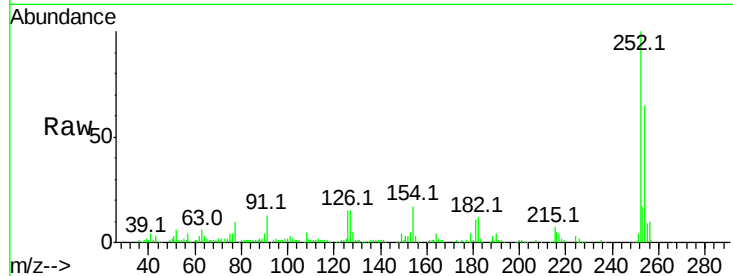




#81
 3,3'-Dichlorobenzidine
 Concen: 17.54 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

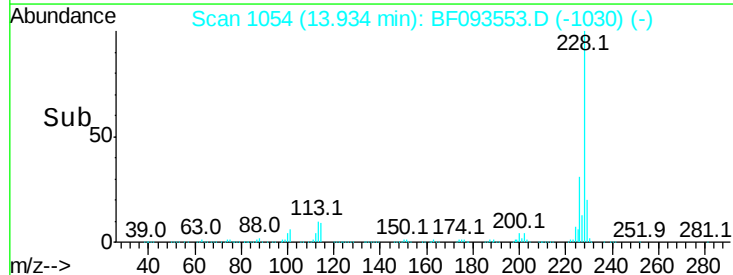
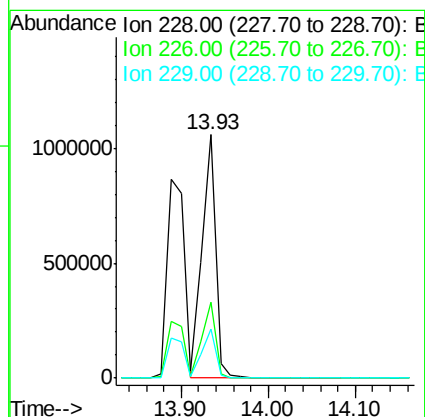
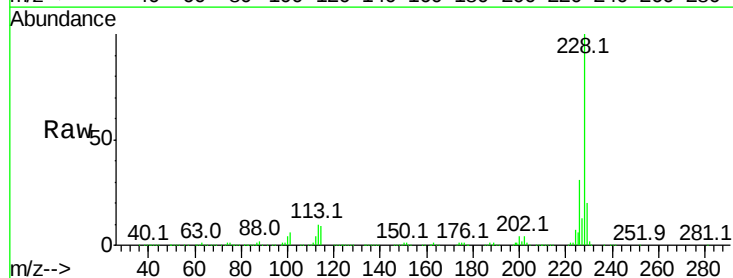
Instrument :
 BNA_F
 ClientSampleId :

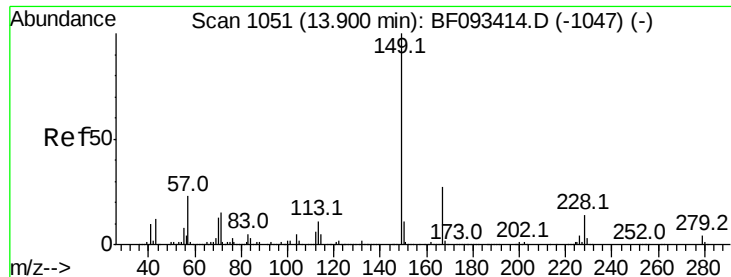
Tot Ion:252 Resp: 170821
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.3 78.5
 126 15.2 13.6 20.4



#82
 Chrysene
 Concen: 44.15 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion:228 Resp: 1135630
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.4 38.0
 229 19.9 16.2 24.2

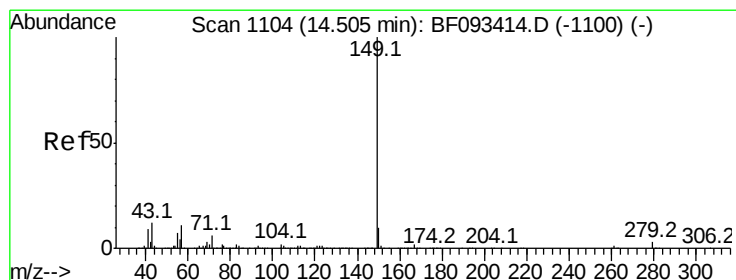
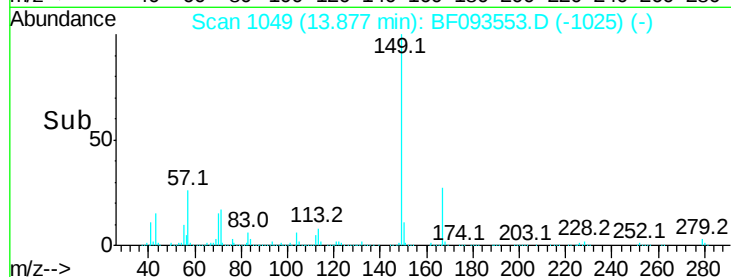
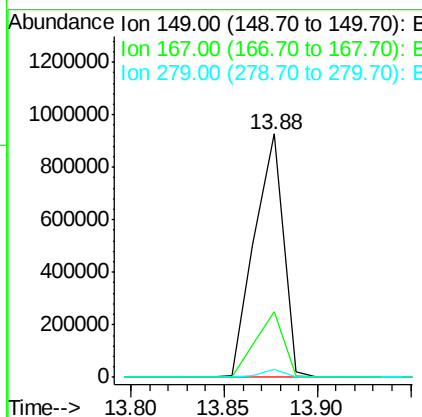
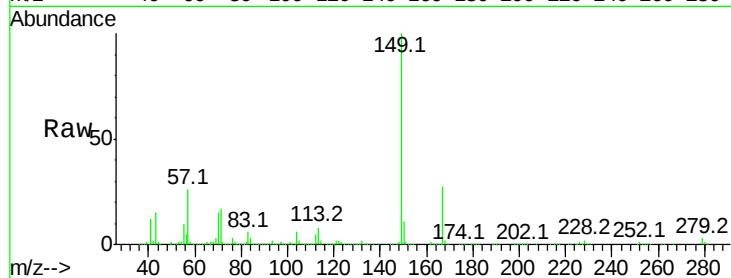




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.82 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

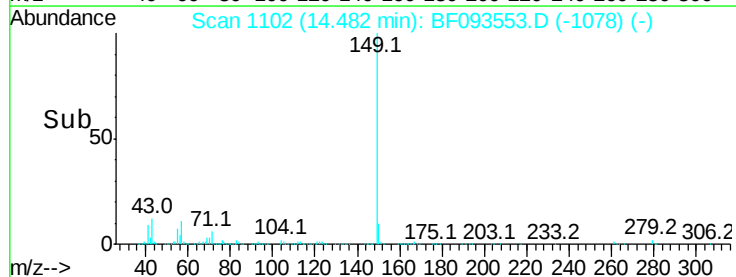
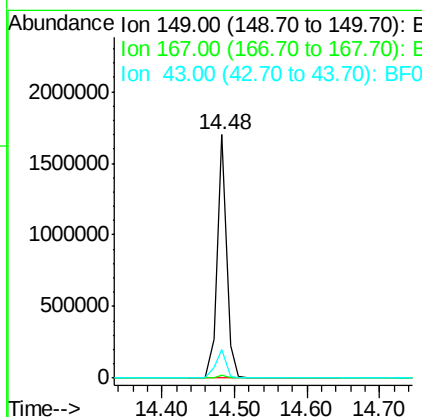
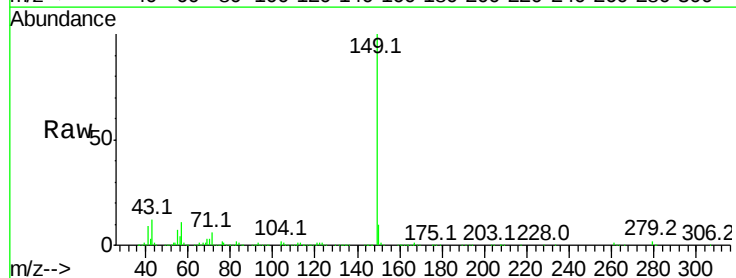
Instrument :
 BNA_F
 ClientSampleId :

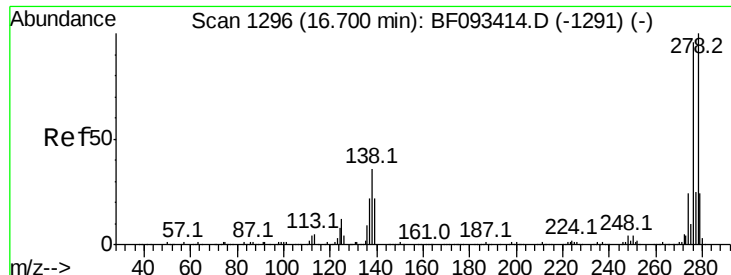
Tot Ion:149 Resp: 1000928
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.2 30.4
 279 3.4 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 45.52 ng
 RT: 14.48 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion:149 Resp: 1524087
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.8 8.9 13.3

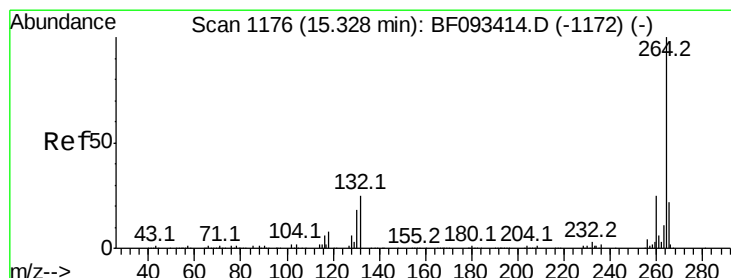
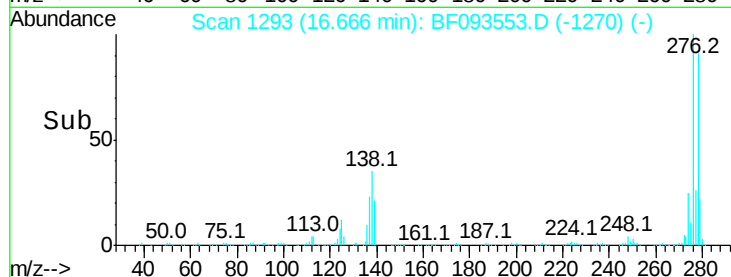
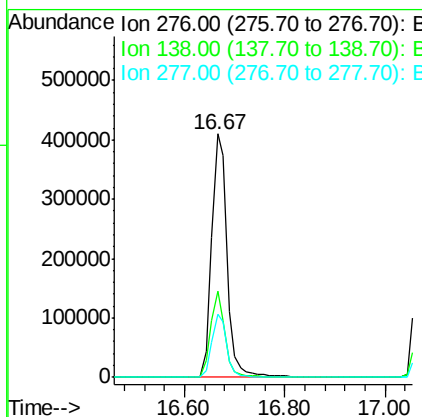
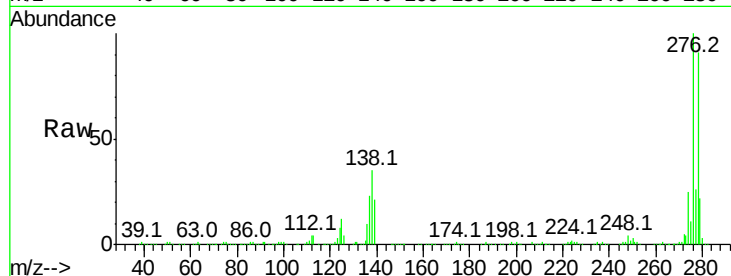




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.53 ng
 RT: 16.67 min Scan# 1293
 Delta R.T. -0.03 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

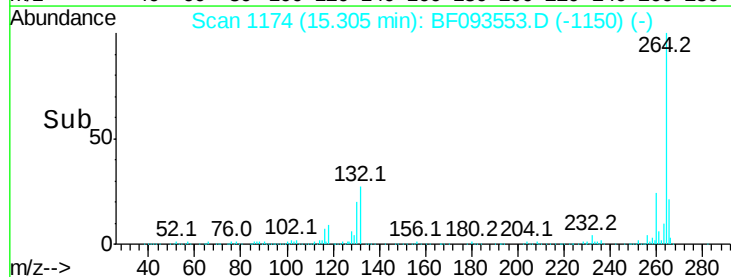
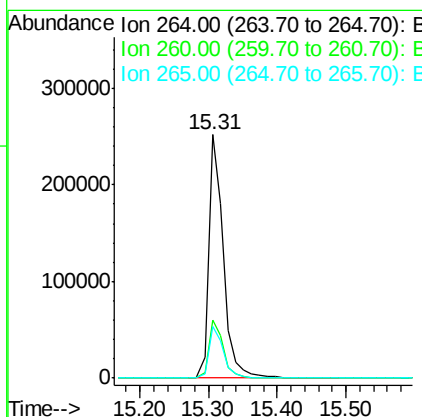
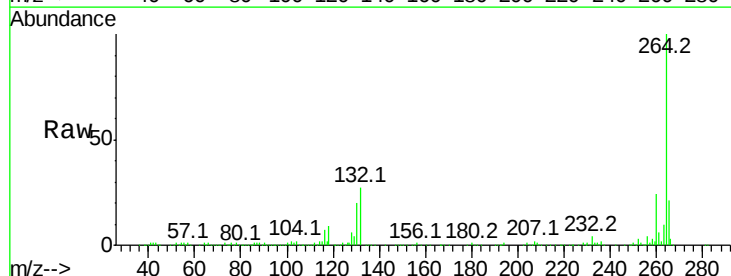
Instrument :
 BNA_F
 ClientSampleID :

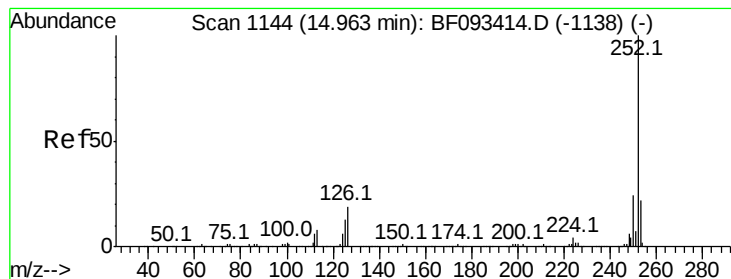
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	21.8	32.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 84.97 ng

RT: 14.92 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

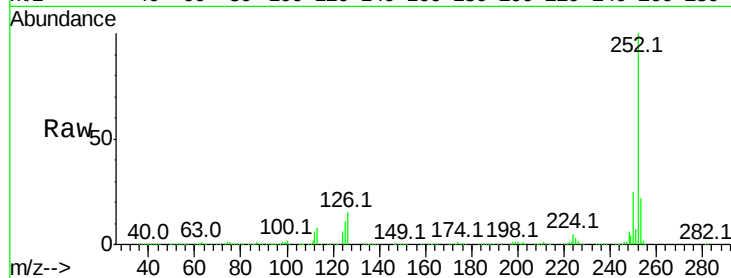
Tot Ion:252 Resp: 1922845

Ion Ratio Lower Upper

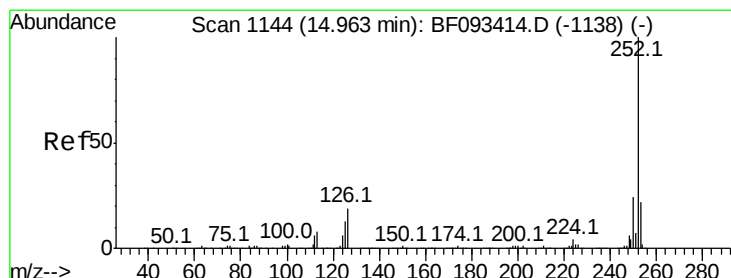
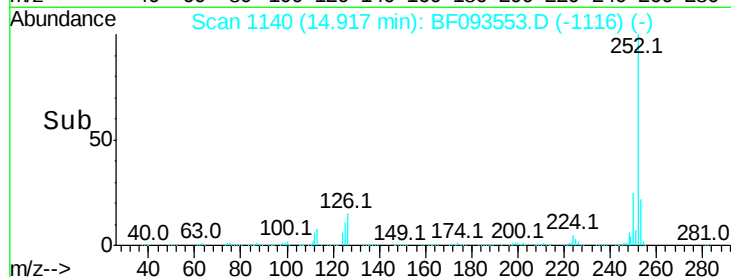
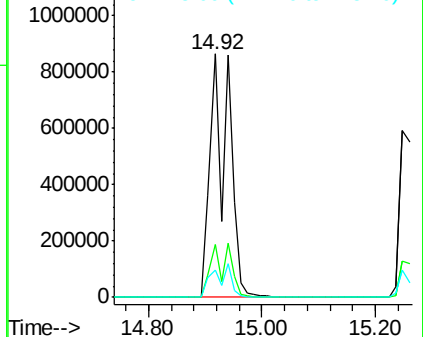
252 100

253 21.9 18.2 27.4

125 11.1 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: 88.11 ng

RT: 14.92 min Scan# 1140

Delta R.T. -0.05 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

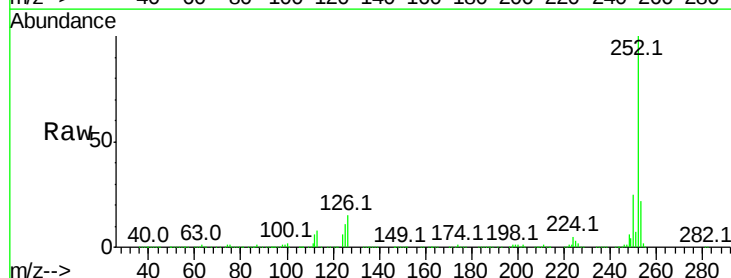
Tgt Ion:252 Resp: 1922845

Ion Ratio Lower Upper

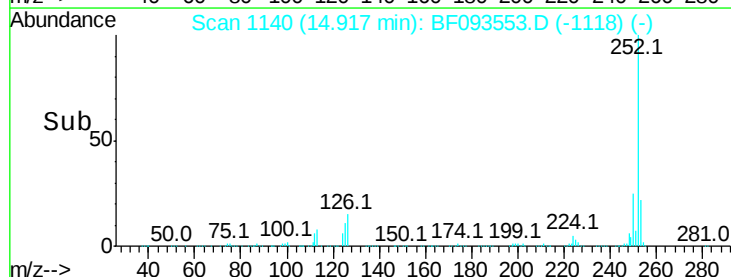
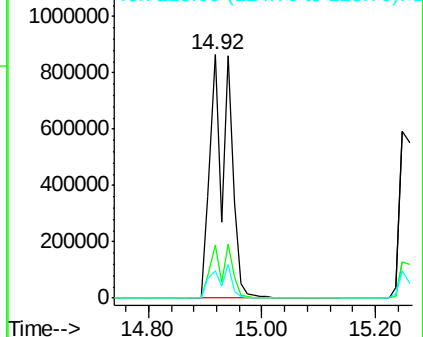
252 100

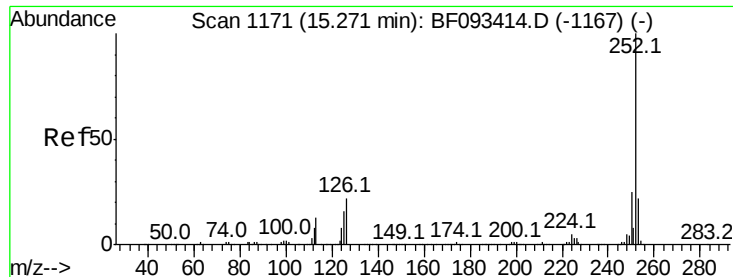
253 21.9 18.5 27.7

125 11.1 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: 43.91 ng

RT: 15.25 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

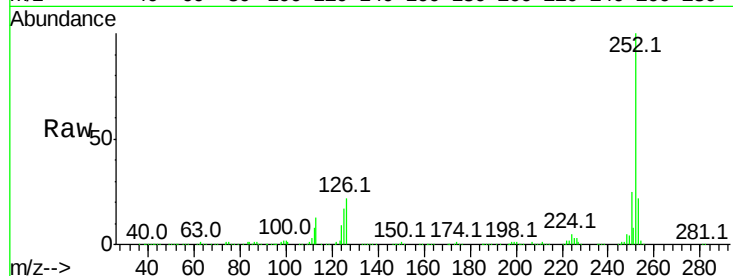
Tot Ion:252 Resp: 908056

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

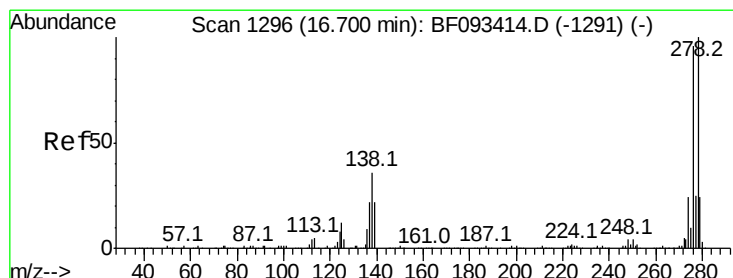
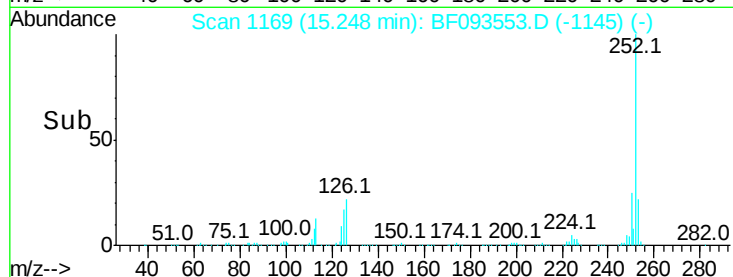
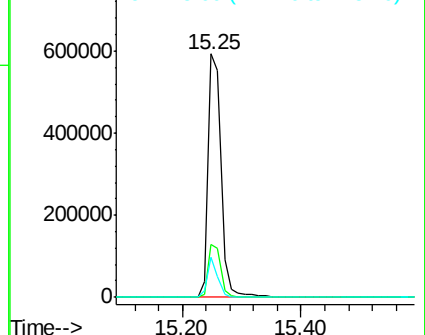
125 16.7 10.0 15.0#



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: 43.02 ng

RT: 16.67 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

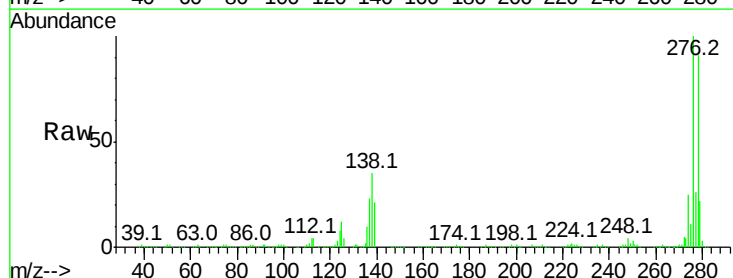
Tgt Ion:278 Resp: 736066

Ion Ratio Lower Upper

278 100

139 22.5 14.8 22.2#

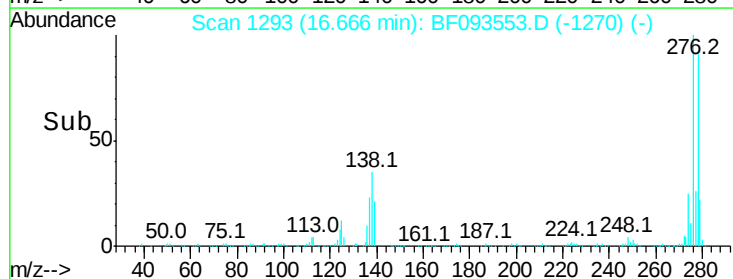
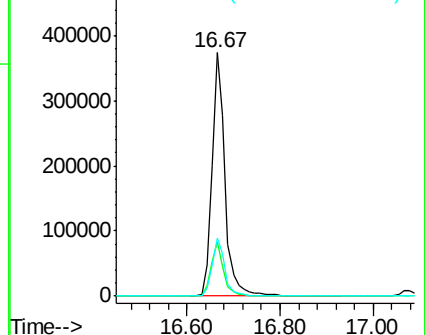
279 24.0 19.8 29.6

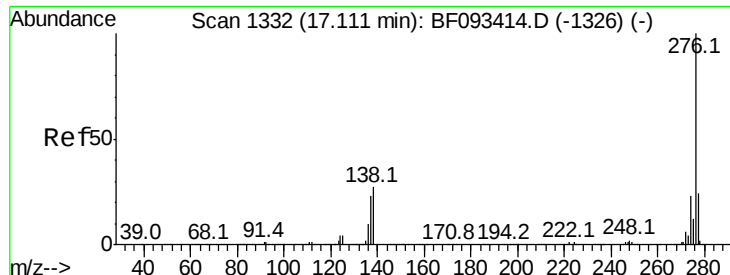


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

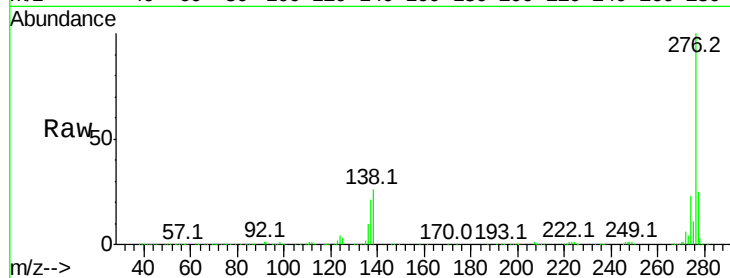




#91
 Benzo(a,h,i)perylene
 Concen: 42.30 ng
 RT: 17.08 min Scan# 1329
 Delta R.T. -0.03 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	26.2	16.0	24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

