

Data Path : Z:\HPCHEM1\BNA F\Data\BF033117\
 Data File : BF094091.D
 Acq On : 31 Mar 2017 12:42
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 31 17:19:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	203311	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	822115	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	367248	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	643324	20.00	ng	0.00
75) Chrysene-d12	14.63	240	482858	20.00	ng	0.00
86) Perylene-d12	16.25	264	333884	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.43	112	931655	77.40	ng	0.00
7) Phenol-d6	5.51	99	1142684	76.74	ng	0.00
23) Nitrobenzene-d5	6.56	82	1147053	79.62	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	246012	84.77	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1956360	81.25	ng	0.00
78) Terphenyl-d14	13.35	244	1832672	85.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	220670	38.16	ng	97
3) Pyridine	2.75	79	594211	37.70	ng	95
4) n-Nitrosodimethylamine	2.72	42	248365	38.30	ng	89
6) Aniline	5.53	93	743025	35.87	ng	# 50
8) 2-Chlorophenol	5.66	128	533756	40.34	ng	97
9) Benzaldehyde	5.39	77	362362	36.04	ng	99
10) Phenol	5.52	94	634948	37.47	ng	# 67
11) bis(2-Chloroethyl)ether	5.61	93	517284	39.06	ng	96
12) 1,3-Dichlorobenzene	5.83	146	587281	39.57	ng	99
13) 1,4-Dichlorobenzene	5.92	146	594093	39.52	ng	97
14) 1,2-Dichlorobenzene	6.10	146	541216	39.10	ng	96
15) Benzyl Alcohol	6.07	79	416590	38.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.23	45	719363	35.25	ng	94
17) 2-Methylphenol	6.21	107	438528	38.70	ng	96
18) Hexachloroethane	6.49	117	208502	39.46	ng	88
19) n-Nitroso-di-n-propylamine	6.39	70	362484	37.87	ng	97
20) 3+4-Methylphenols	6.39	107	566758	41.30	ng	# 62
22) Acetophenone	6.37	105	760190	41.49	ng	# 87
24) Nitrobenzene	6.57	77	561351	39.51	ng	96
25) Isophorone	6.86	82	988406	39.05	ng	96
26) 2-Nitrophenol	6.95	139	296070	43.70	ng	98
27) 2,4-Dimethylphenol	7.02	122	466944	40.00	ng	96
28) bis(2-Chloroethoxy)methane	7.13	93	644723	38.62	ng	99
29) 2,4-Dichlorophenol	7.25	162	446361	40.89	ng	97
30) 1,2,4-Trichlorobenzene	7.34	180	449874	40.01	ng	98
31) Naphthalene	7.43	128	1553369	39.30	ng	100
32) Benzoic acid	7.17	122	206681	26.59	ng	94
33) 4-Chloroaniline	7.50	127	647295	40.40	ng	94
34) Hexachlorobutadiene	7.59	225	232211	40.28	ng	97
35) Caprolactam	7.96	113	140967	40.50	ng	92
36) 4-Chloro-3-methylphenol	8.12	107	462255	40.53	ng	90
37) 2-Methylnaphthalene	8.27	142	1042625	39.57	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	413677	41.18	ng	99
40) Hexachlorocyclopentadiene	8.47	237	173538	36.91	ng	98

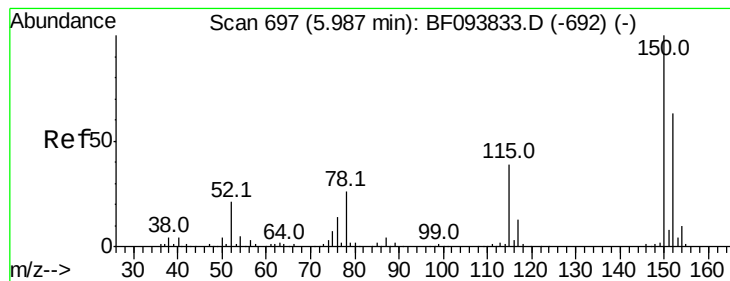
Data Path : Z:\HPCHEM1\BNA F\Data\BF033117\
 Data File : BF094091.D
 Acq On : 31 Mar 2017 12:42
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 31 17:19:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	286960	40.37	nq	97
43) 2,4,5-Trichlorophenol	8.67	196	314318	40.87	nq	93
45) 1,1'-Biphenyl	8.85	154	1175656	39.69	nq	98
46) 2-Chloronaphthalene	8.87	162	929632	40.09	nq	94
47) 2-Nitroaniline	9.00	65	284673	41.39	nq	# 80
48) Acenaphthylene	9.37	152	1513182	39.27	nq	100
49) Dimethylphthalate	9.24	163	1060406	40.62	nq	99
50) 2,6-Dinitrotoluene	9.30	165	249235	41.65	nq	# 90
51) Acenaphthene	9.59	154	878837	39.08	nq	100
52) 3-Nitroaniline	9.51	138	293538	41.77	nq	85
53) 2,4-Dinitrophenol	9.63	184	77799	27.54	nq	# 71
54) Dibenzofuran	9.80	168	1177731	38.47	nq	99
55) 4-Nitrophenol	9.74	139	191944	34.88	nq	# 72
56) 2,4-Dinitrotoluene	9.80	165	300781	40.01	nq	# 71
57) Fluorene	10.22	166	973058	38.33	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	204508	38.75	nq	98
59) Diethylphthalate	10.10	149	1026553	39.79	nq	99
60) 4-Chlorophenyl-phenylether	10.23	204	412666	38.16	nq	94
61) 4-Nitroaniline	10.26	138	285713	42.37	nq	96
62) Azobenzene	10.43	77	936992	38.39	nq	94
64) 4,6-Dinitro-2-methylphenol	10.30	198	135669	34.44	nq	# 74
65) n-Nitrosodiphenylamine	10.38	169	885825	39.82	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	256212	40.49	nq	98
67) Hexachlorobenzene	10.90	284	265860	41.51	nq	# 86
68) Atrazine	11.05	200	267683	40.17	nq	96
69) Pentachlorophenol	11.15	266	120963	30.34	nq	99
70) Phenanthrene	11.40	178	1416220	39.57	nq	99
71) Anthracene	11.47	178	1462088	39.68	nq	98
72) Carbazole	11.67	167	1489012	39.41	nq	99
73) Di-n-butylphthalate	12.12	149	1594138	40.57	nq	100
74) Fluoranthene	12.87	202	1466814	40.03	nq	98
76) Benzidine	13.03	184	214243	11.21	nq	96
77) Pyrene	13.14	202	1492504	42.59	nq	100
79) Butylbenzylphthalate	13.96	149	666619	44.65	nq	# 84
80) Benzo(a)anthracene	14.62	228	1132492	40.22	nq	99
81) 3,3'-Dichlorobenzidine	14.59	252	382380	37.99	nq	# 97
82) Chrysene	14.66	228	1041782	39.87	nq	99
83) Bis(2-ethylhexyl)phthalate	14.67	149	877927	43.10	nq	# 99
84) Di-n-octyl phthalate	15.43	149	1388228	40.79	nq	97
85) Indeno(1,2,3-cd)pyrene	17.60	276	834375	36.87	nq	99
87) Benzo(b)fluoranthene	15.84	252	894730	43.72	nq	97
88) Benzo(k)fluoranthene	15.84	252	894730	44.68	nq	96
89) Benzo(a)pyrene	16.20	252	775959	41.17	nq	100
90) Dibenzo(a,h)anthracene	17.63	278	695499	43.57	nq	98
91) Benzo(g,h,i)perylene	18.00	276	720438	44.79	nq	98

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

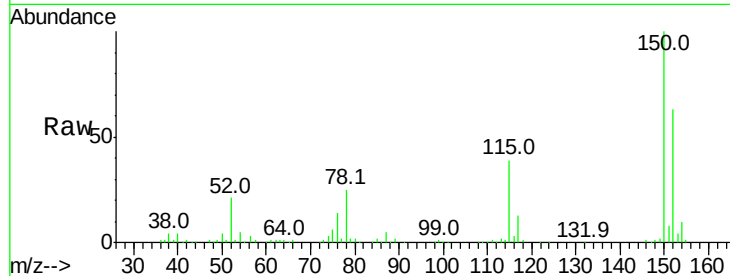


#1

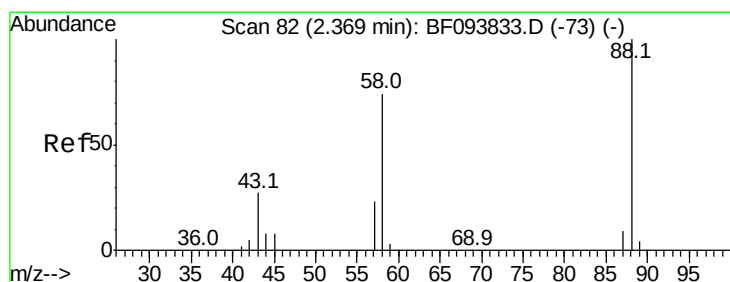
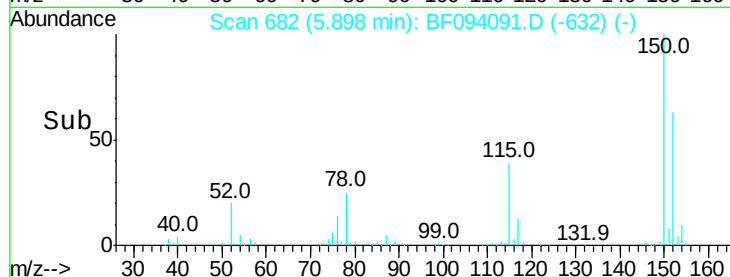
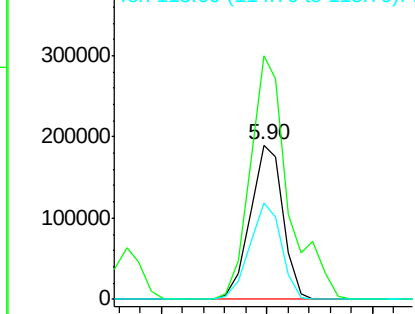
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 203311
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 62.2 52.2 78.2



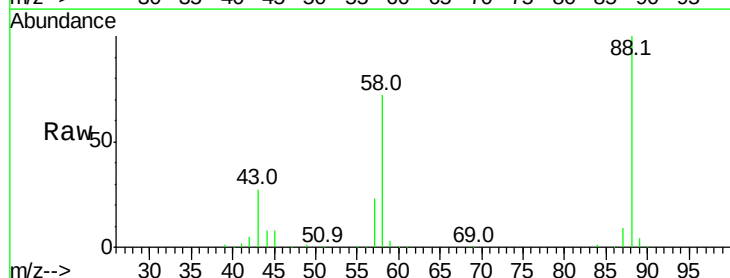
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



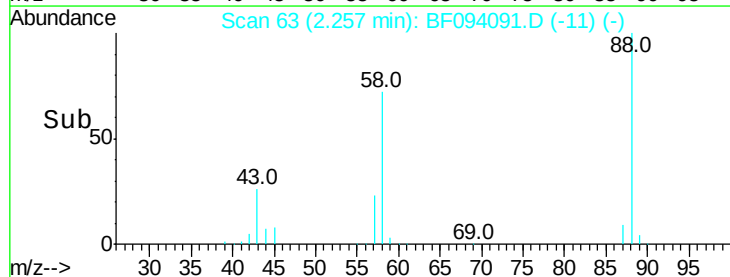
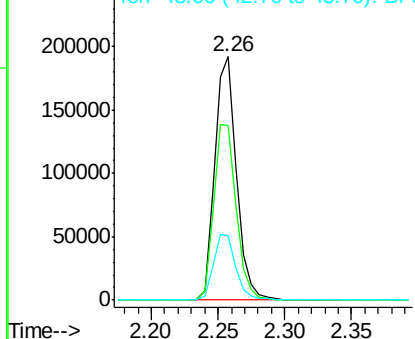
#2

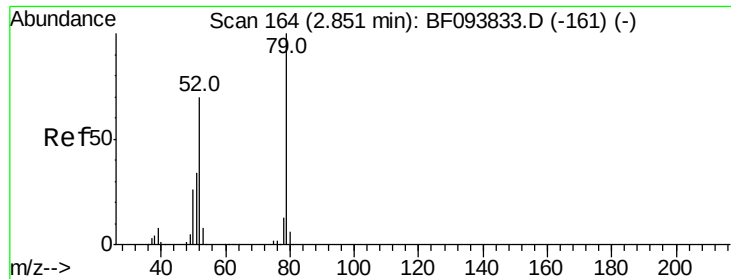
1,4-Dioxane
Concen: 38.16 ng
RT: 2.26 min Scan# 63
Delta R.T. 0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Tgt Ion: 88 Resp: 220670
Ion Ratio Lower Upper
88 100
58 74.6 61.4 92.0
43 27.7 23.4 35.0



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: 37.70 ng

RT: 2.75 min Scan# 146

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

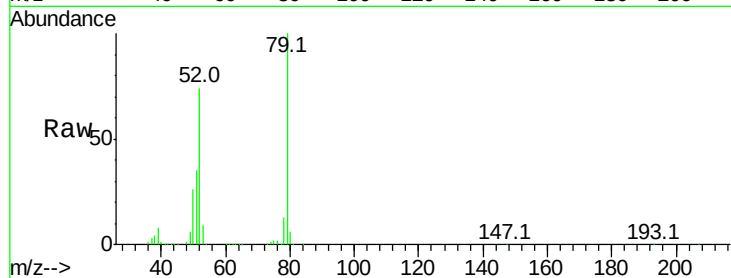
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 594211

Ion	Ratio	Lower	Upper
79	100		
52	74.2	54.8	82.2
51	34.9	27.0	40.4

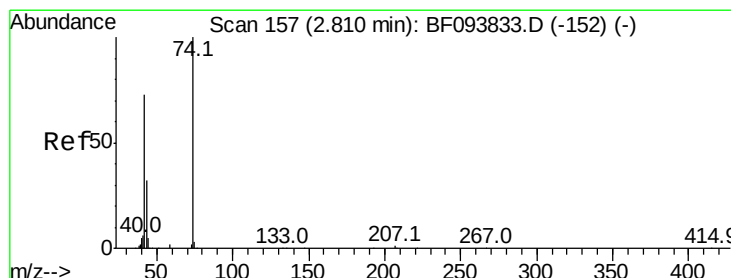
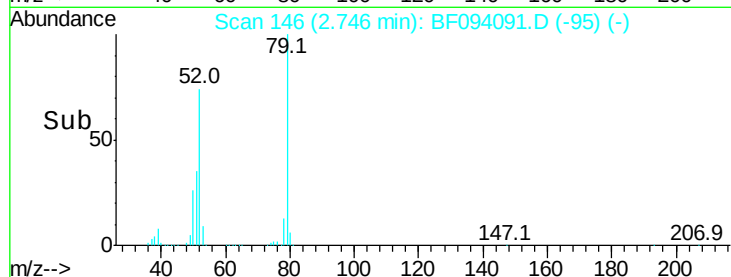
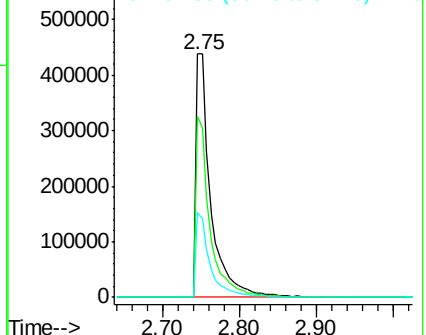


Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.30 ng

RT: 2.72 min Scan# 141

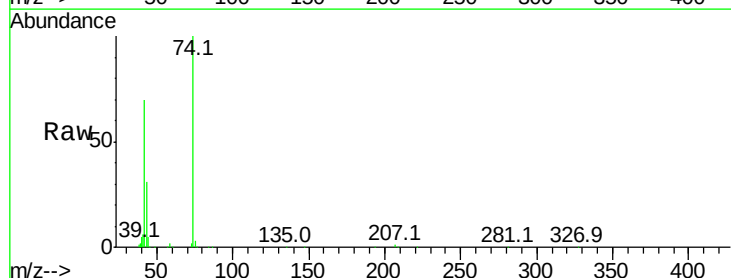
Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Tgt Ion: 42 Resp: 248365

Ion	Ratio	Lower	Upper
42	100		
74	143.7	103.9	155.9
44	7.3	5.7	8.5

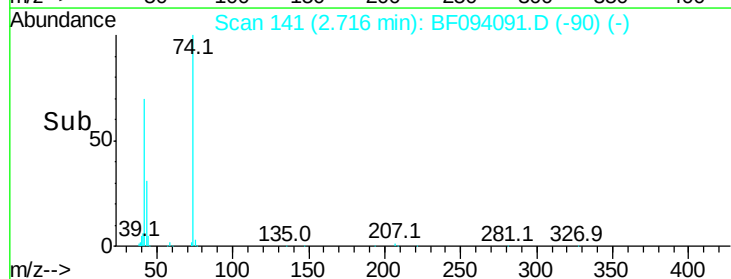
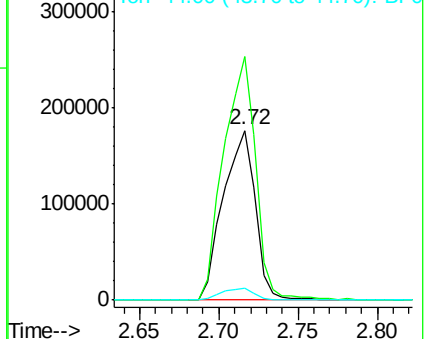


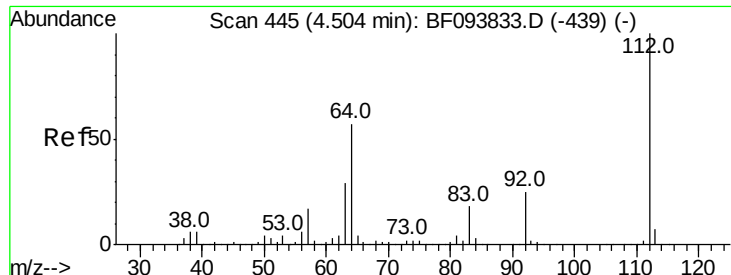
Abundance

Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.40 ng

RT: 4.43 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampled :

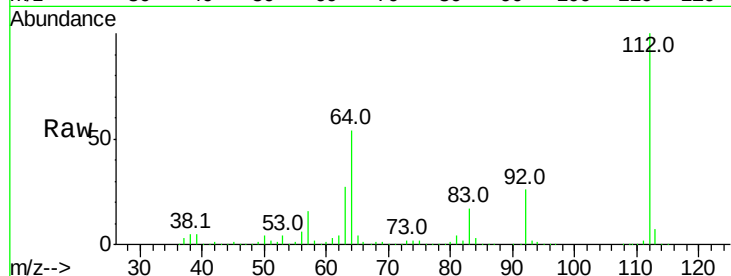
Tot Ion:112 Resp: 931655

Ion Ratio Lower Upper

112 100

64 54.3 46.0 69.0

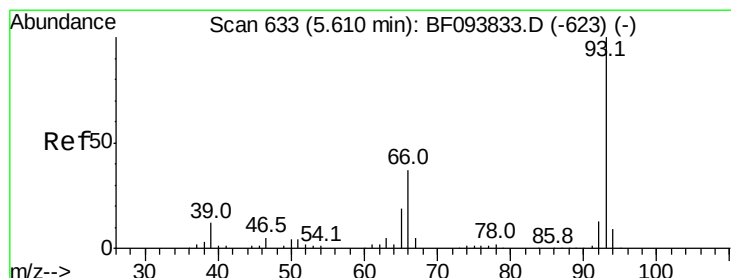
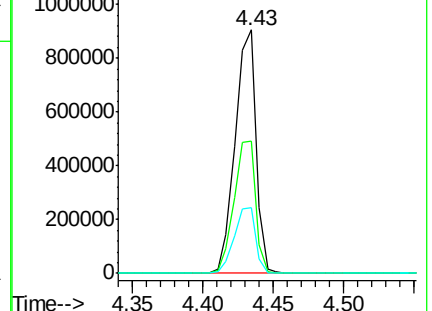
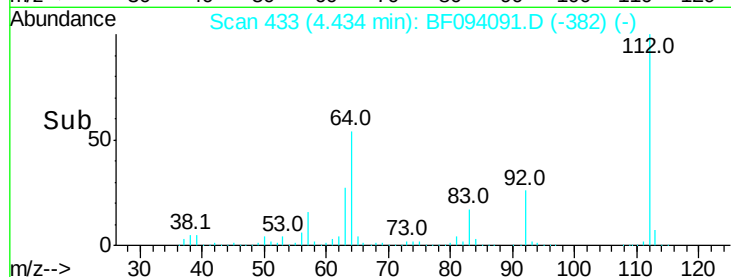
63 26.8 23.4 35.0



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: 35.87 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

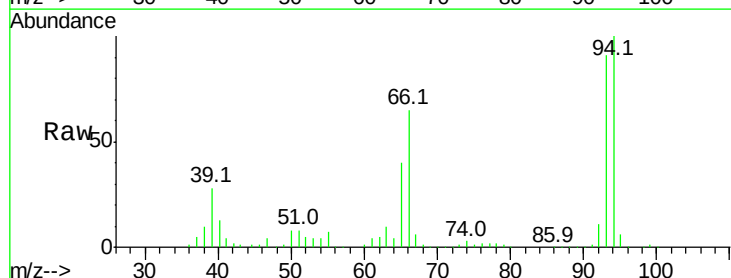
Tgt Ion: 93 Resp: 743025

Ion Ratio Lower Upper

93 100

66 71.6 32.9 49.3#

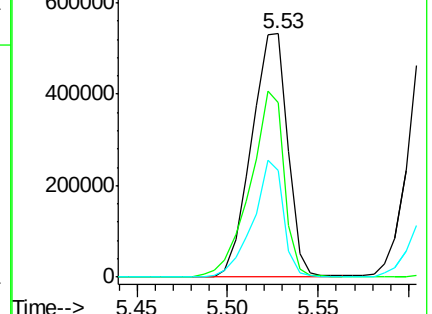
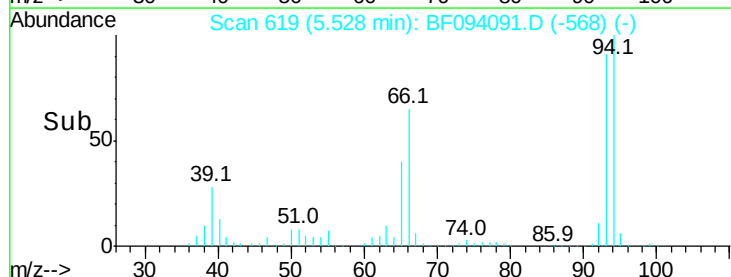
65 43.6 16.0 24.0#

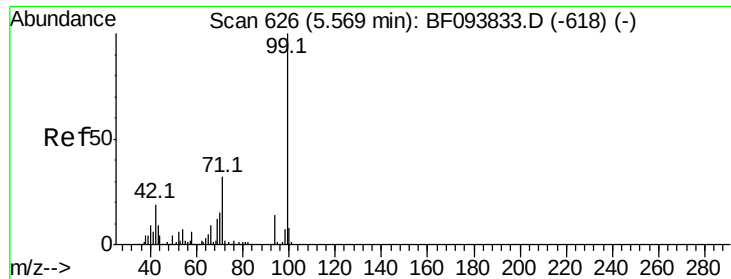


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.74 ng

RT: 5.51 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

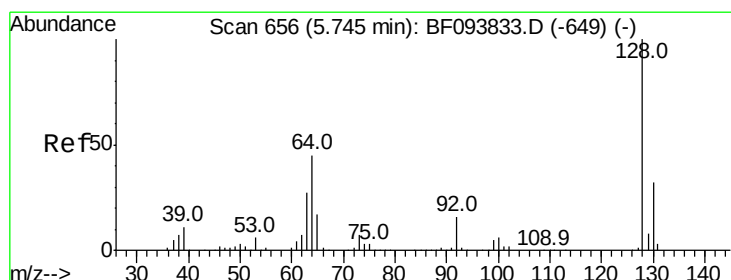
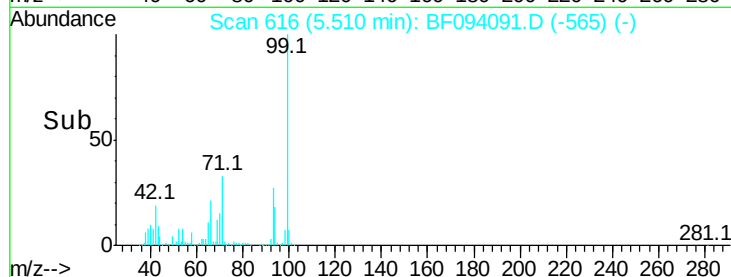
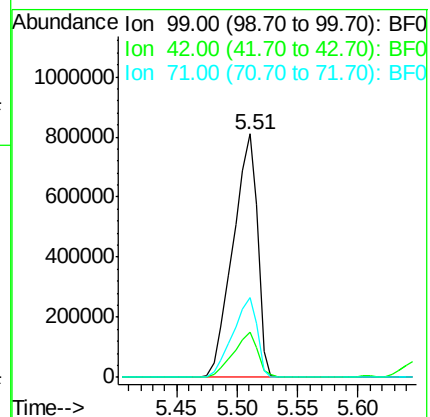
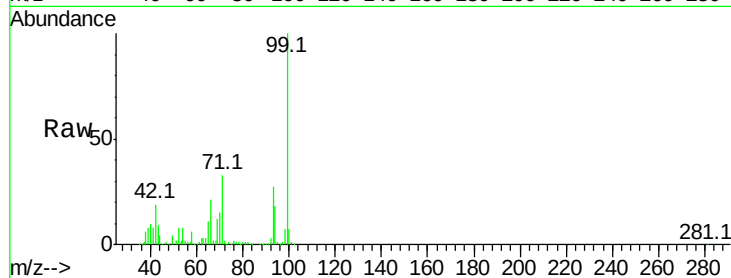
Tot Ion: 99 Resp: 1142684

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

71 33.0 24.5 36.7



#8

2-Chlorophenol

Concen: 40.34 ng

RT: 5.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

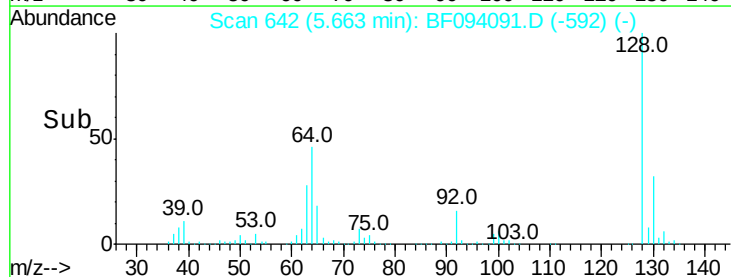
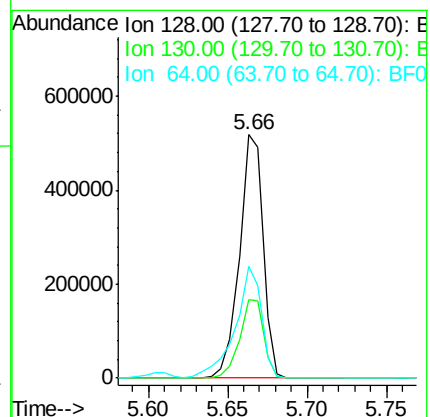
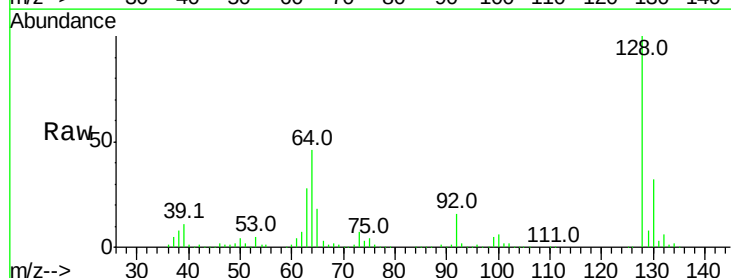
Tgt Ion:128 Resp: 533756

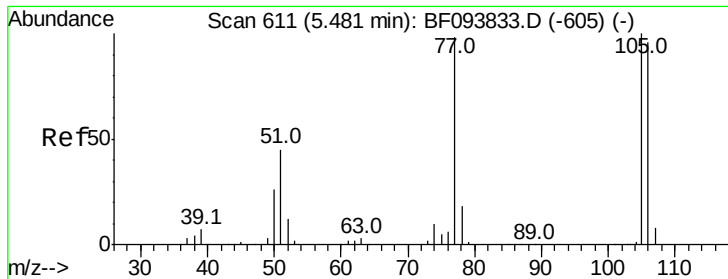
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 45.8 28.4 68.4

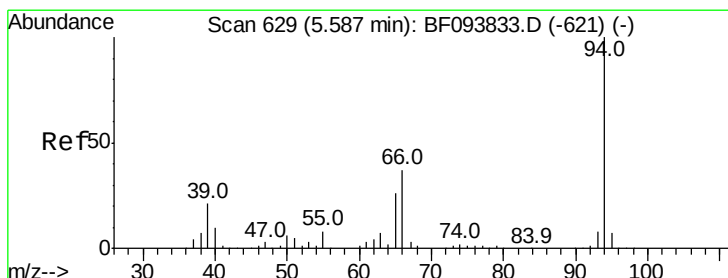
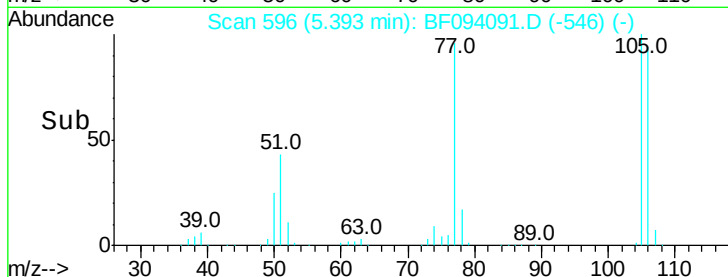
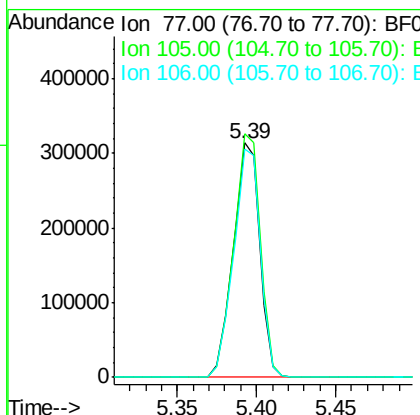
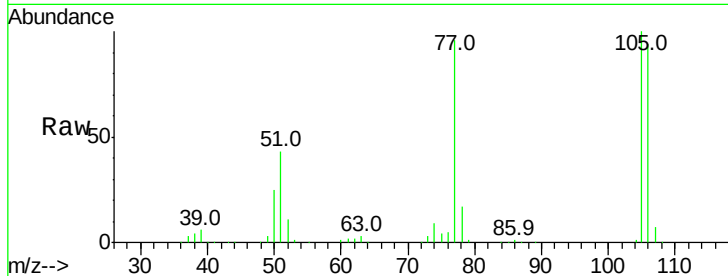




#9
Benzaldehyde
Concen: 36.04 ng
RT: 5.39 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

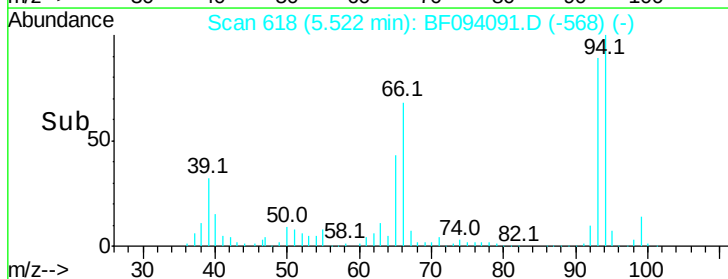
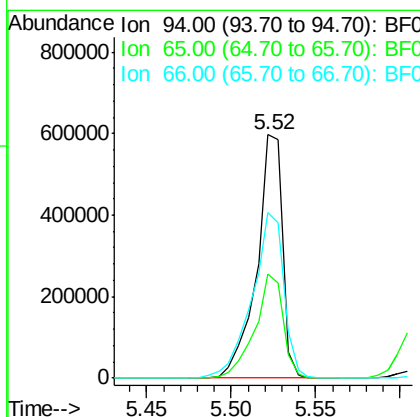
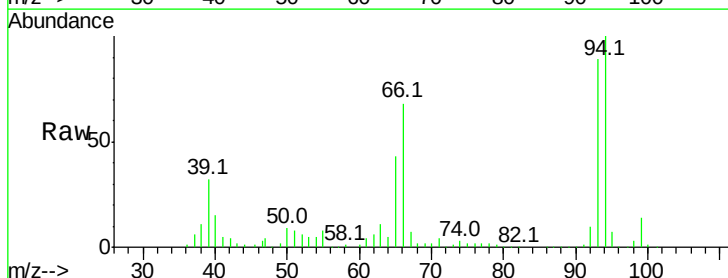
Instrument :
BNA_F
ClientSampleId :

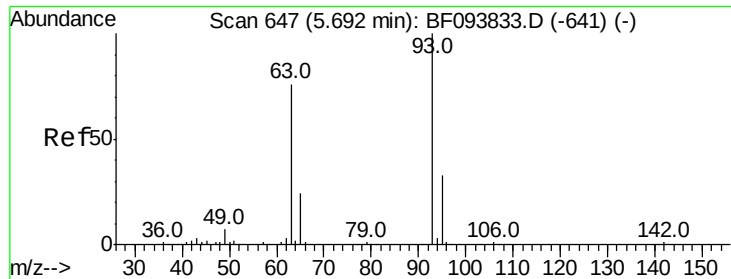
Tot Ion: 77 Resp: 362362
Ion Ratio Lower Upper
77 100
105 104.0 83.8 123.8
106 97.3 79.1 119.1



#10
Phenol
Concen: 37.47 ng
RT: 5.52 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Tgt Ion: 94 Resp: 634948
Ion Ratio Lower Upper
94 100
65 42.7 9.9 49.9
66 68.0 23.1 63.1#

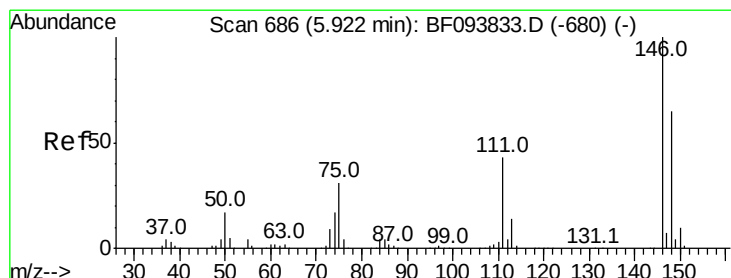
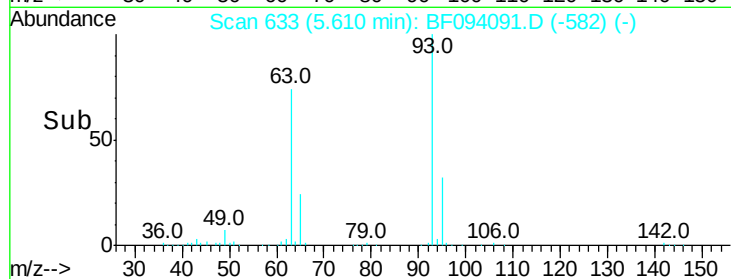
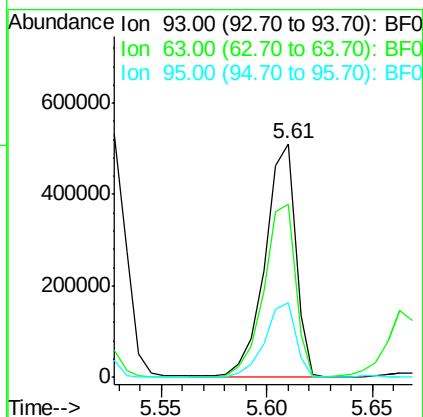
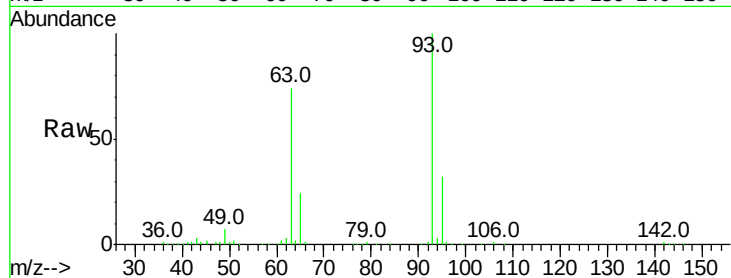




#11
bis(2-Chloroethyl)ether
Concen: 39.06 ng
RT: 5.61 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

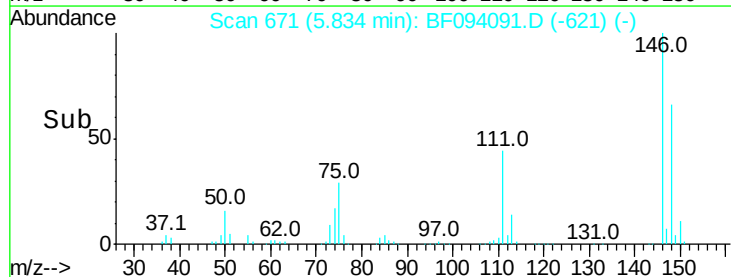
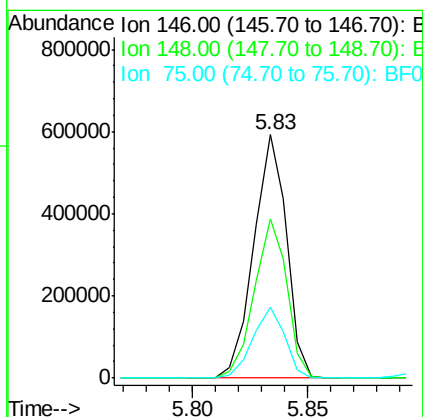
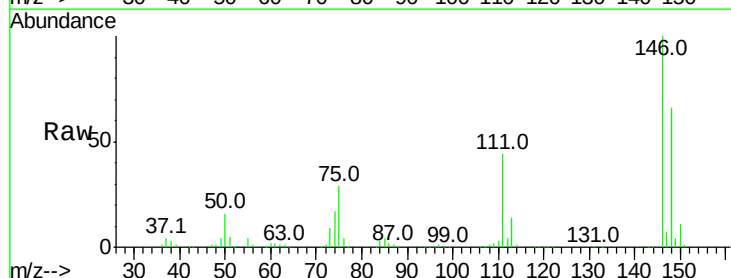
Instrument :
BNA_F
ClientSampleId :

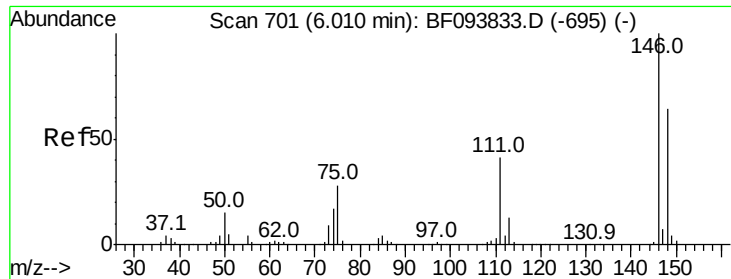
Tot Ion: 93 Resp: 517284
Ion Ratio Lower Upper
93 100
63 74.2 59.2 99.2
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.57 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Tgt Ion: 146 Resp: 587281
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.6
75 29.1 23.1 34.7

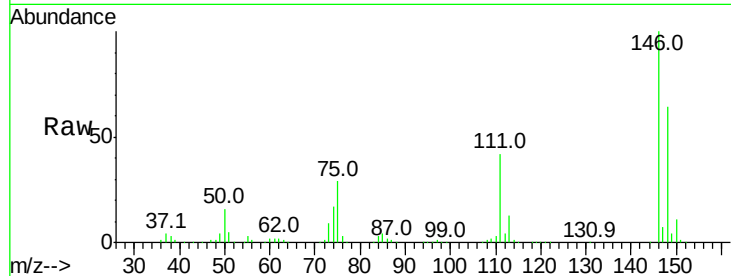




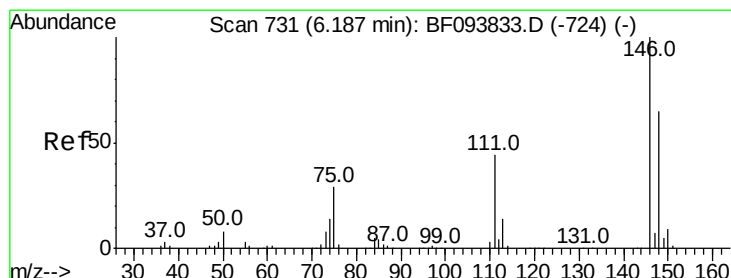
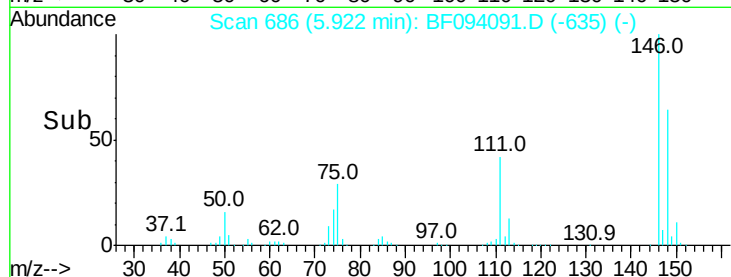
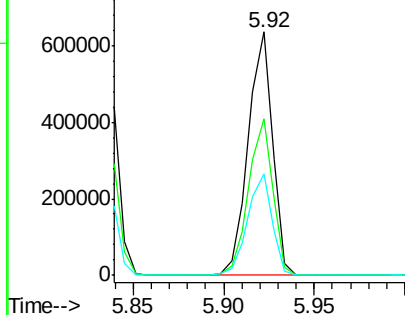
#13
 1,4-Dichlorobenzene
 Concen: 39.52 ng
 RT: 5.92 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 594093
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 41.6 30.3 45.5

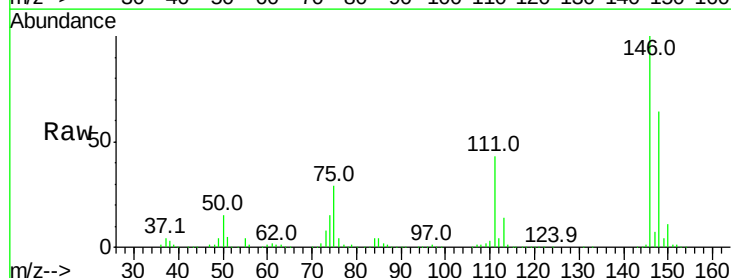


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

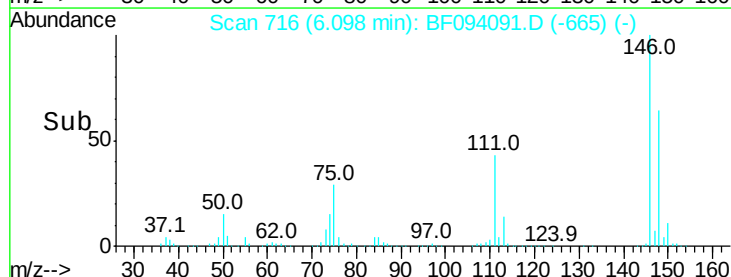
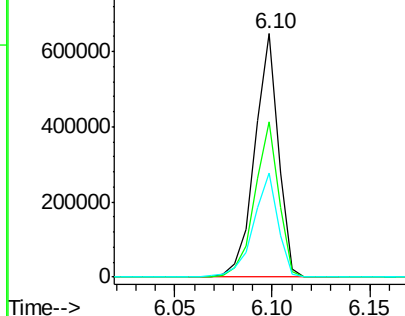


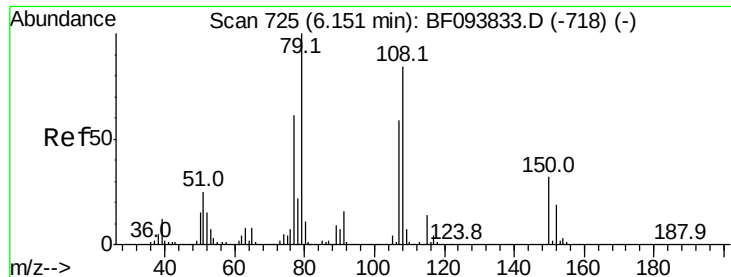
#14
 1,2-Dichlorobenzene
 Concen: 39.10 ng
 RT: 6.10 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion:146 Resp: 541216
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 42.7 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 38.22 ng

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

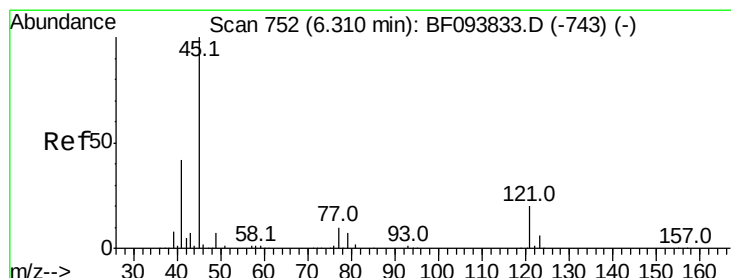
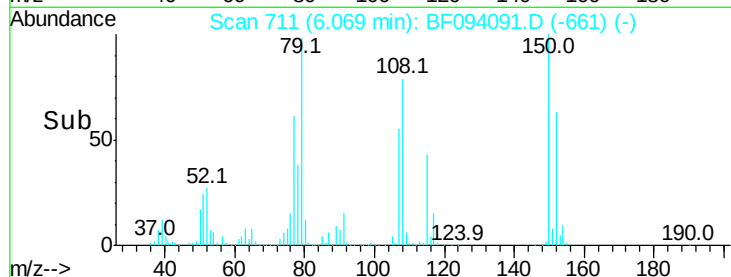
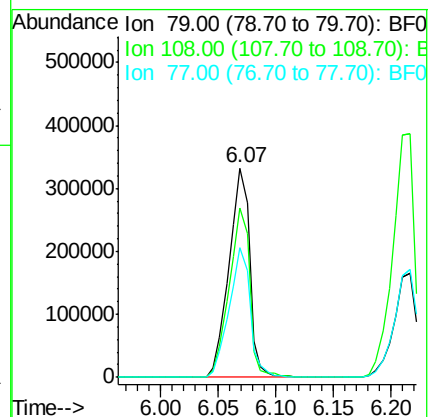
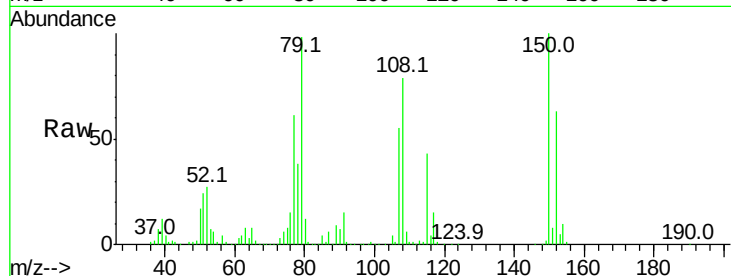
Tot Ion: 79 Resp: 416590

Ion Ratio Lower Upper

79 100

108 80.8 63.4 95.0

77 62.0 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.25 ng

RT: 6.23 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

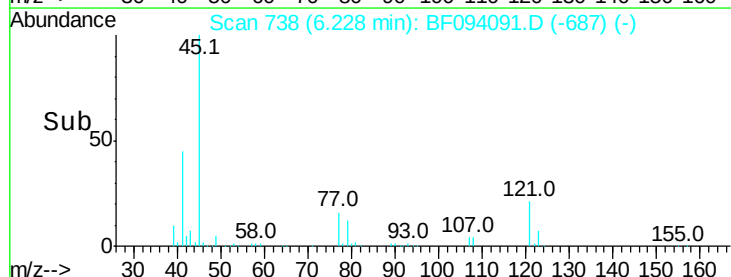
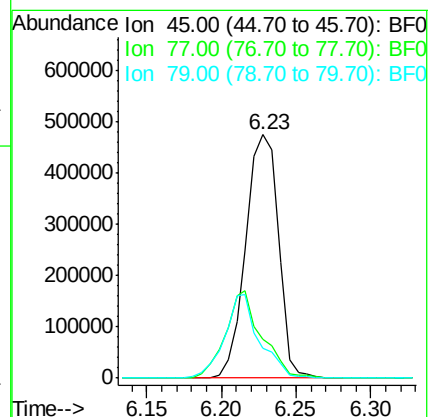
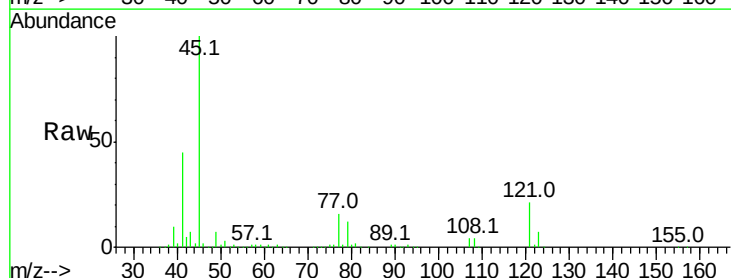
Tgt Ion: 45 Resp: 719363

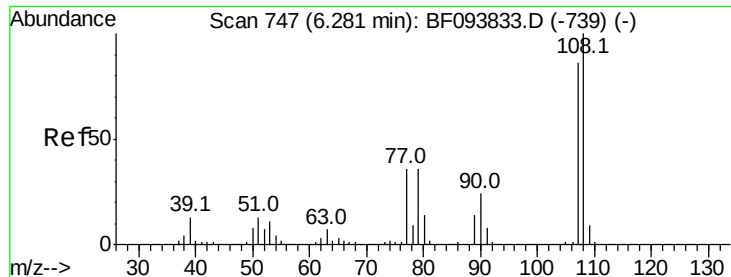
Ion Ratio Lower Upper

45 100

77 15.8 0.0 33.2

79 12.3 0.0 30.0

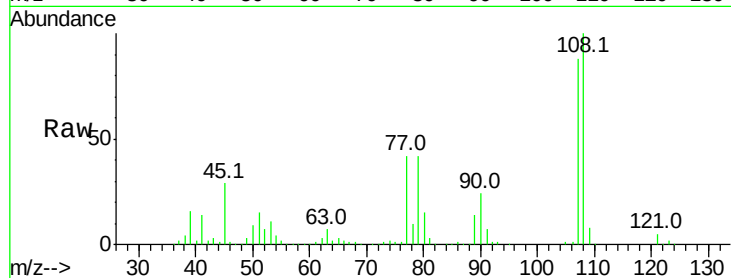




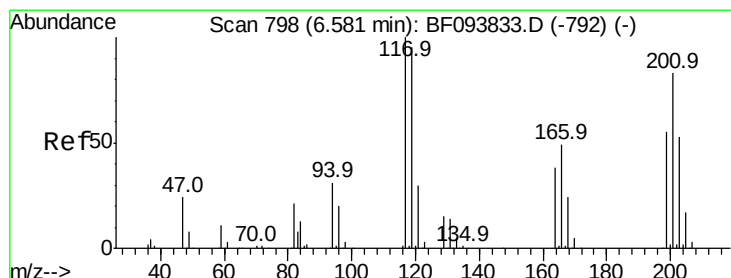
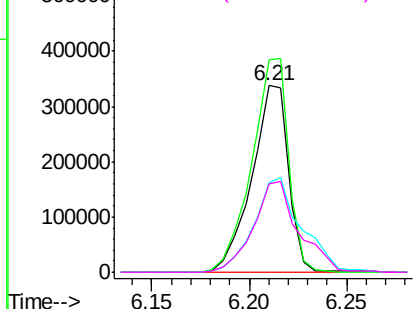
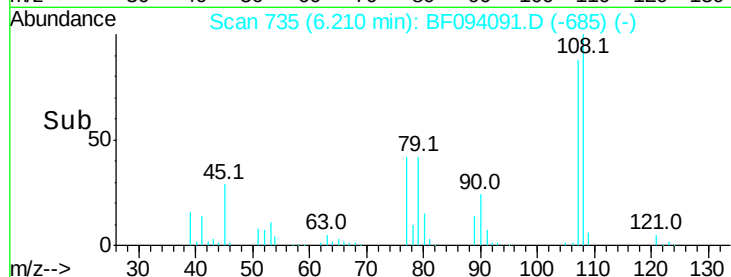
#17
2-Methylphenol
Concen: 38.70 ng
RT: 6.21 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 438528
Ion Ratio Lower Upper
107 100
108 113.9 93.4 140.0
77 47.8 35.8 53.6
79 47.4 34.8 52.2

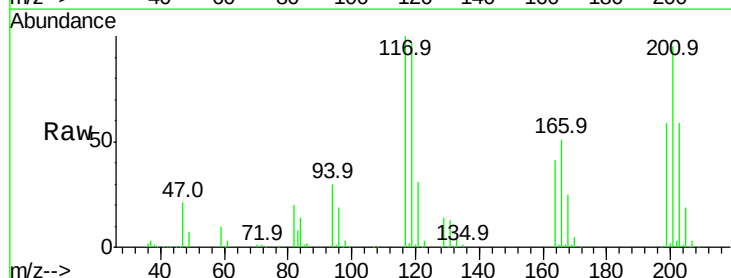


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF0
400000
Ion 79.00 (78.70 to 79.70): BF0

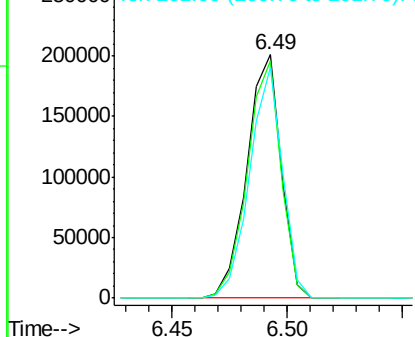
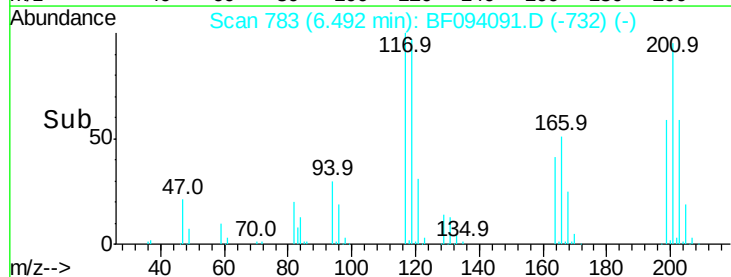


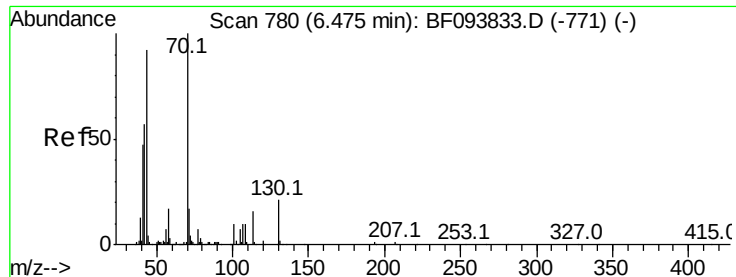
#18
Hexachloroethane
Concen: 39.46 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Tgt Ion:117 Resp: 208502
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.0
201 94.9 94.6 141.8



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.87 ng

RT: 6.39 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 362484

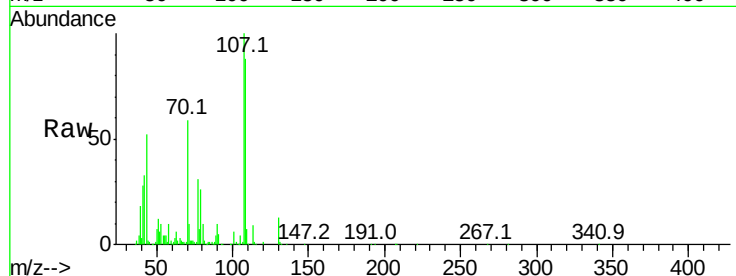
Ion Ratio Lower Upper

70 100

42 56.7 47.2 70.8

101 9.6 7.2 10.8

130 22.1 15.9 23.9

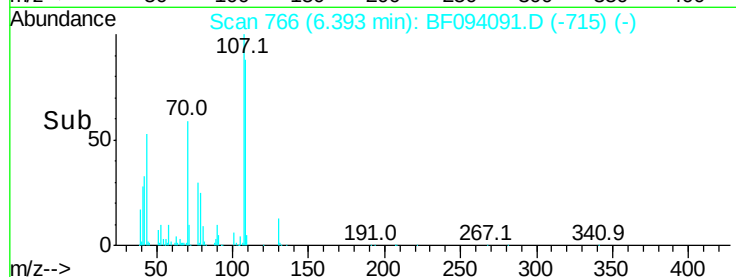


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



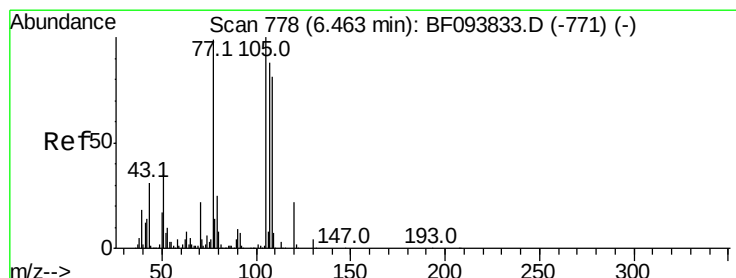
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time--> 6.30 6.35 6.40 6.45



#20

3+4-Methylphenols

Concen: 41.30 ng

RT: 6.39 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Tgt Ion: 107 Resp: 566758

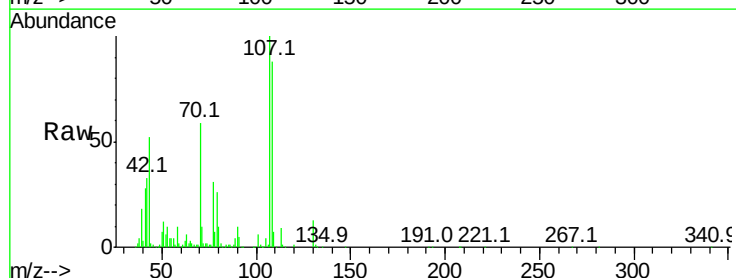
Ion Ratio Lower Upper

107 100

108 88.3 71.0 111.0

77 31.3 90.5 130.5#

79 26.0 8.4 48.4

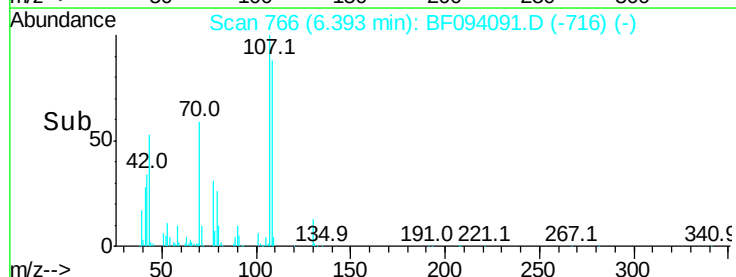


Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



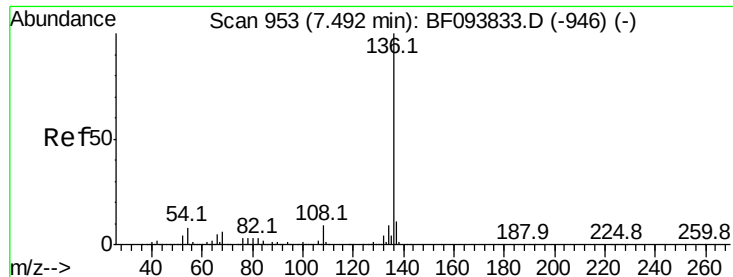
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

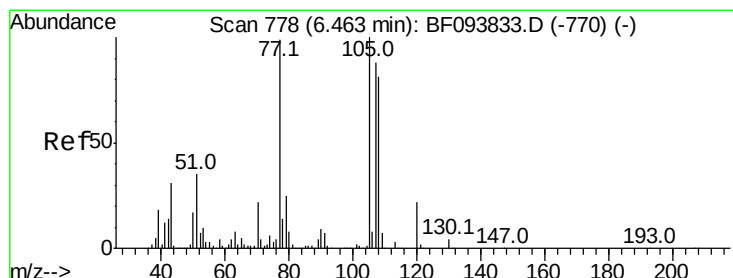
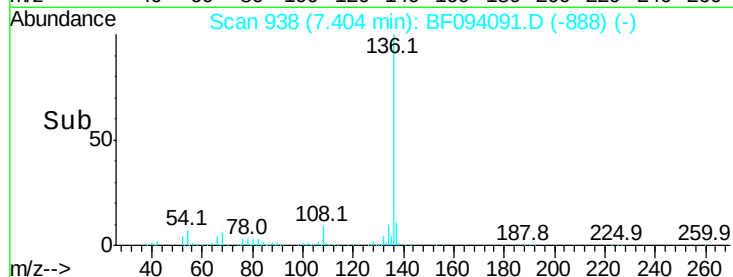
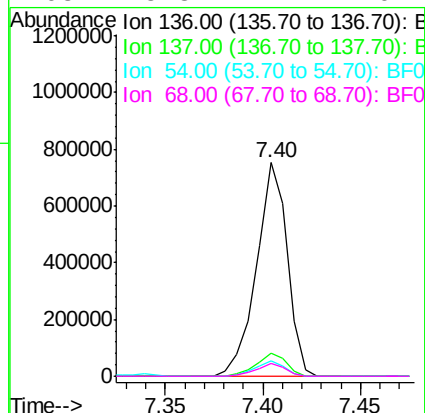
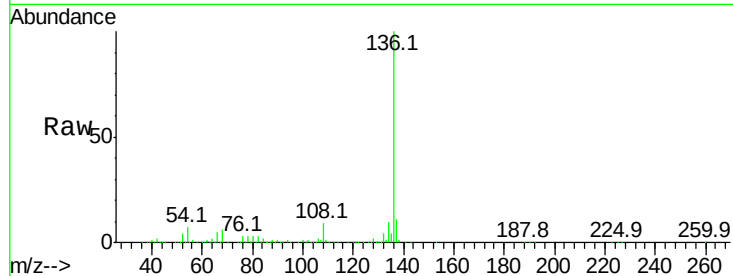
Time--> 6.30 6.40 6.50



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

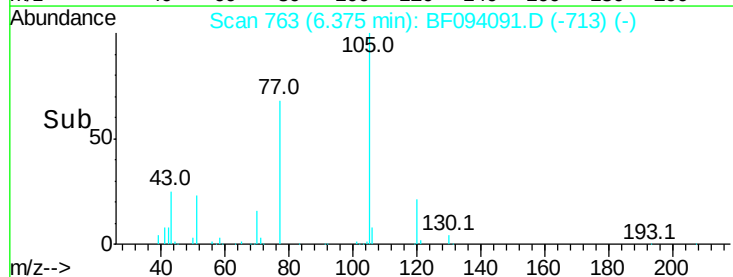
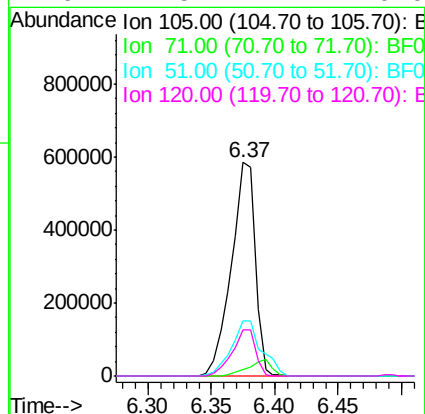
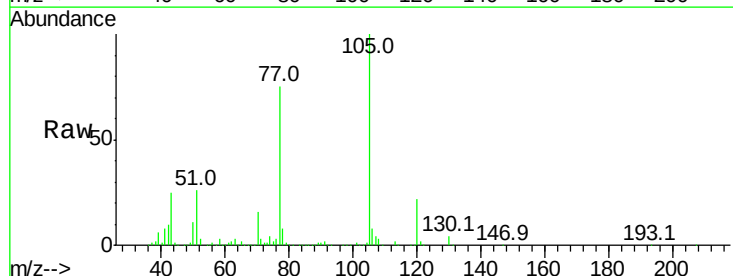
Instrument :
BNA_F
ClientSampled :

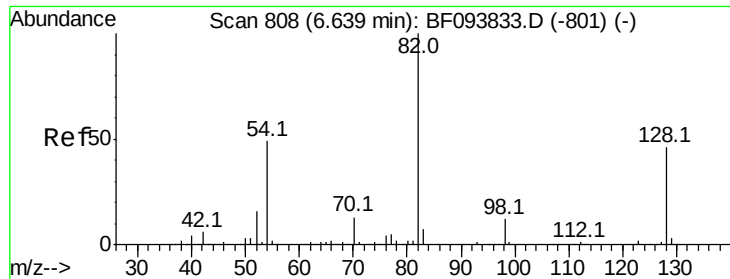
Tot Ion:136	Resp:	822115
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.3	4.9 7.3#
68	5.8	4.1 6.1



#22
Acetophenone
Concen: 41.49 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Tgt Ion:105	Resp:	760190
Ion Ratio	Lower	Upper
105	100	
71	2.8	2.8 4.2#
51	25.8	30.7 46.1#
120	21.5	17.4 26.0

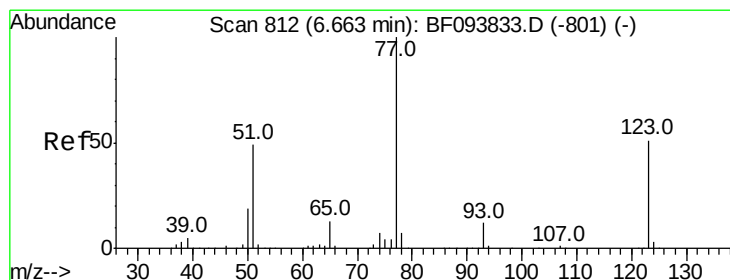
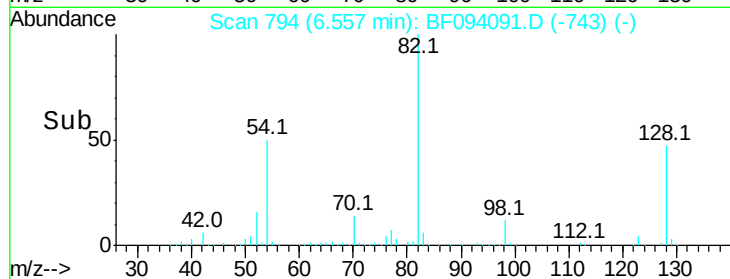
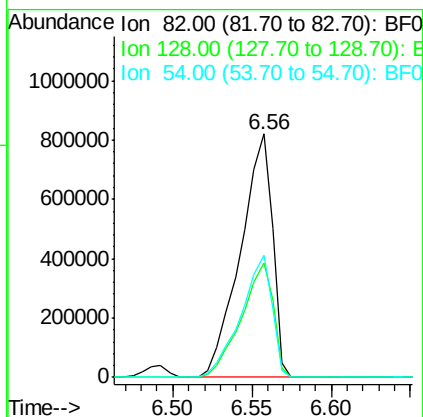
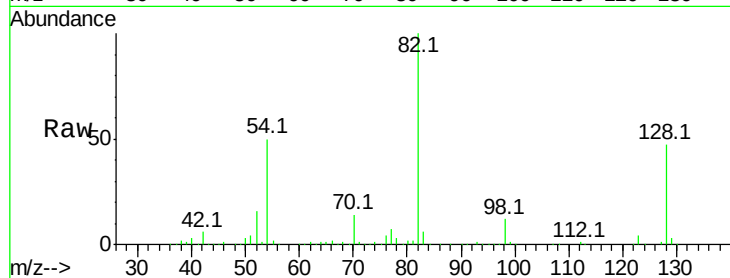




#23
Nitrobenzene-d5
Concen: 79.62 ng
RT: 6.56 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

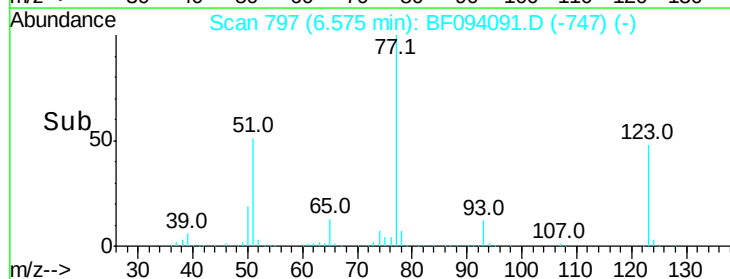
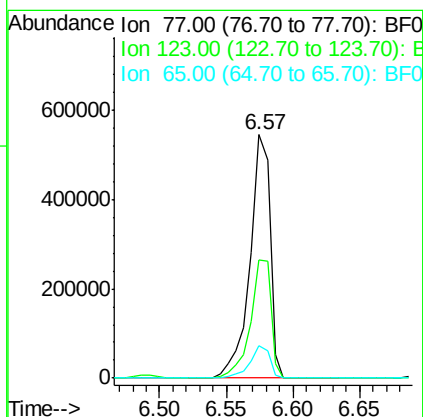
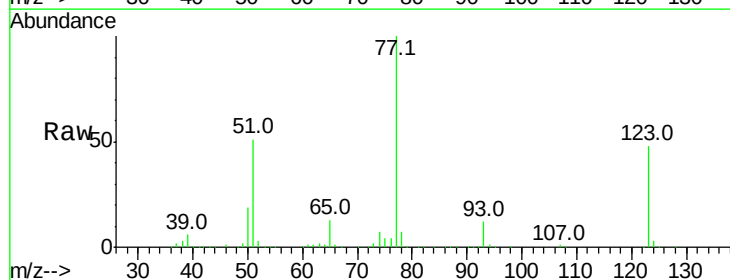
Instrument :
BNA_F
ClientSampleId :

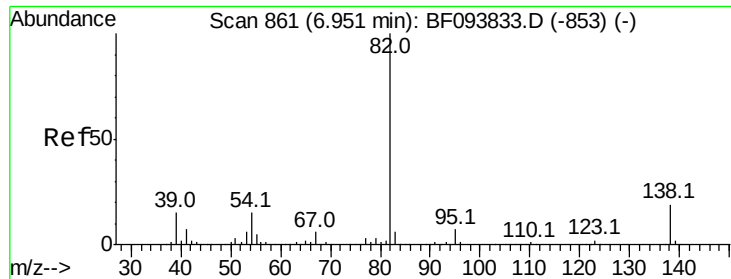
Tot Ion: 82 Resp: 1147053
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 49.9 42.2 63.2



#24
Nitrobenzene
Concen: 39.51 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Tgt Ion: 77 Resp: 561351
Ion Ratio Lower Upper
77 100
123 48.4 35.8 53.8
65 13.2 10.6 15.8





#25

Isophorone

Concen: 39.05 ng

RT: 6.86 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampled :

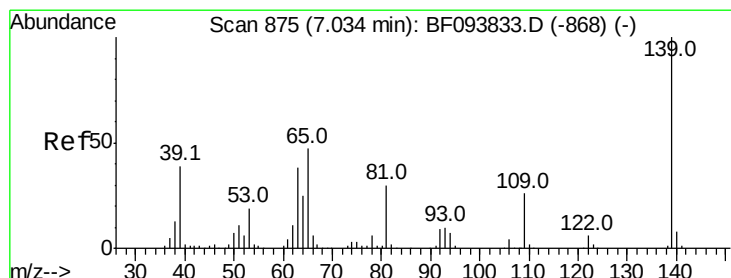
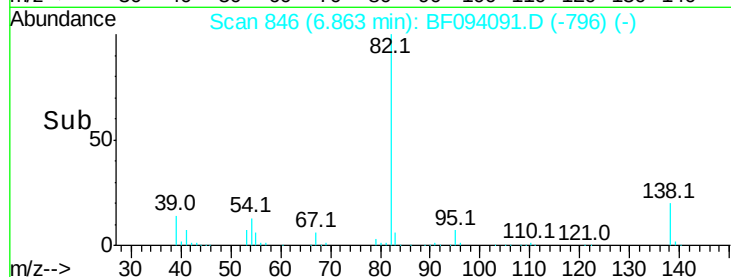
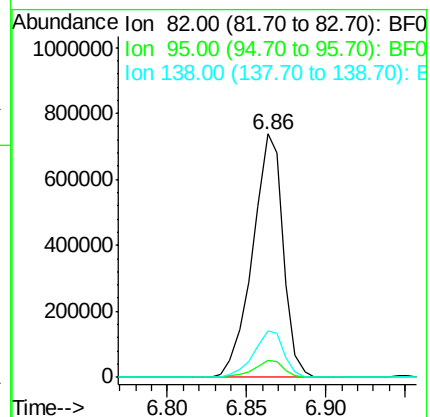
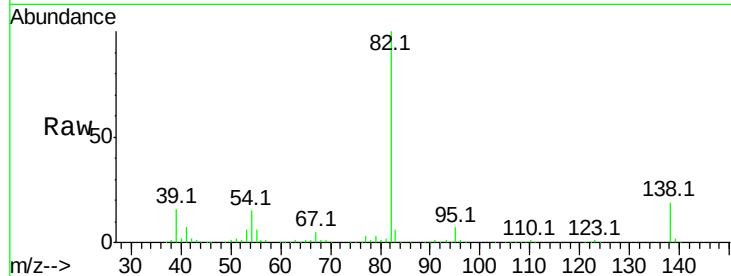
Tot Ion: 82 Resp: 988406

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 43.70 ng

RT: 6.95 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

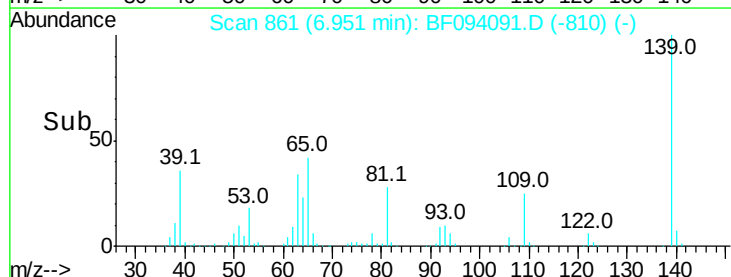
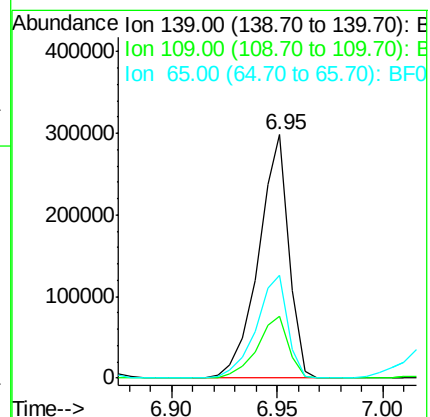
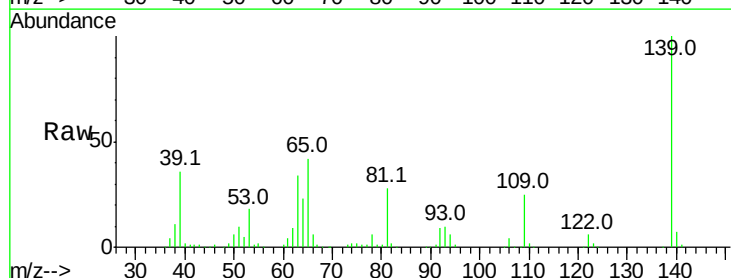
Tgt Ion: 139 Resp: 296070

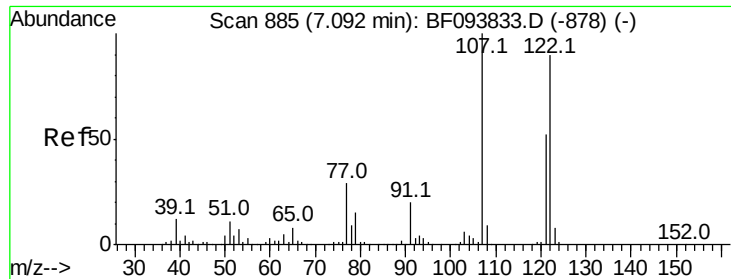
Ion Ratio Lower Upper

139 100

109 25.4 21.0 31.6

65 42.5 33.0 49.6

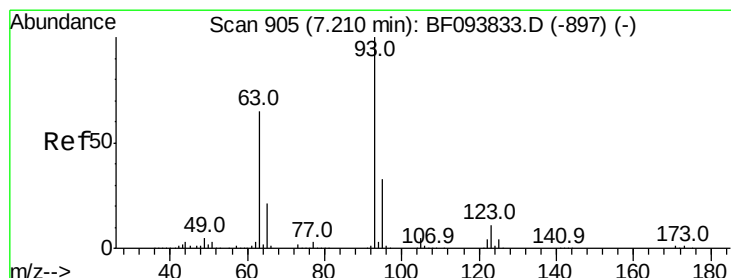
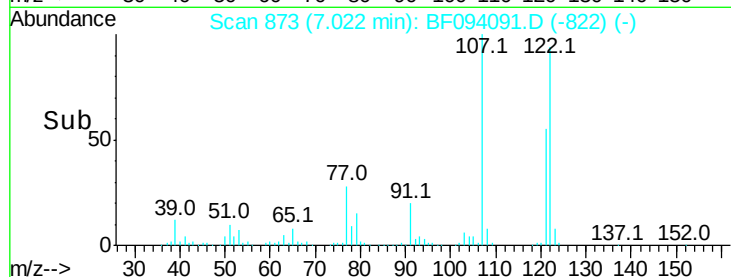
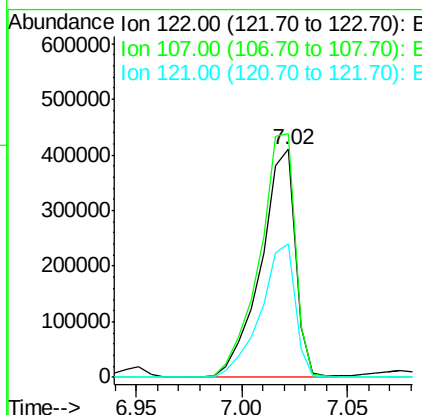
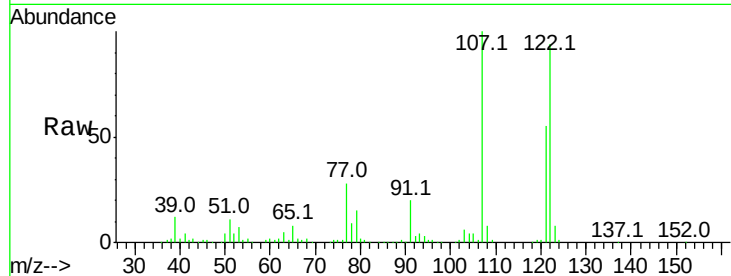




#27
 2,4-Dimethylphenol
 Concen: 40.00 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

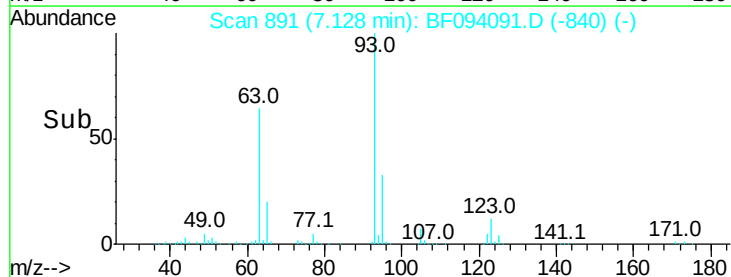
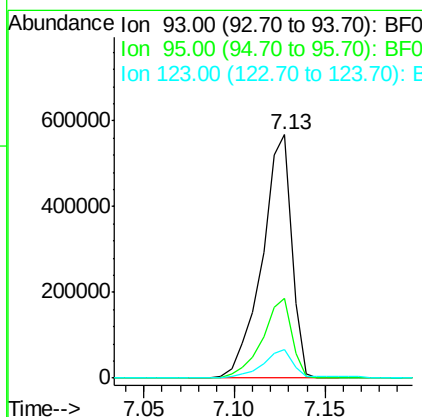
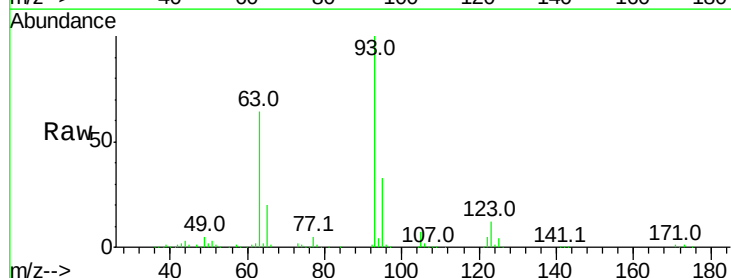
Instrument :
 BNA_F
 ClientSampled :

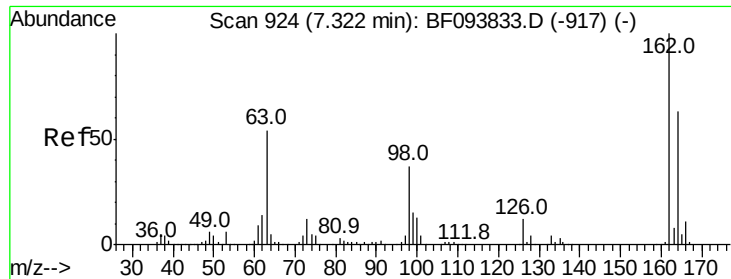
Tot Ion:122 Resp: 466944
 Ion Ratio Lower Upper
 122 100
 107 106.9 89.2 133.8
 121 58.6 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.62 ng
 RT: 7.13 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion: 93 Resp: 644723
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 11.8 9.0 13.4

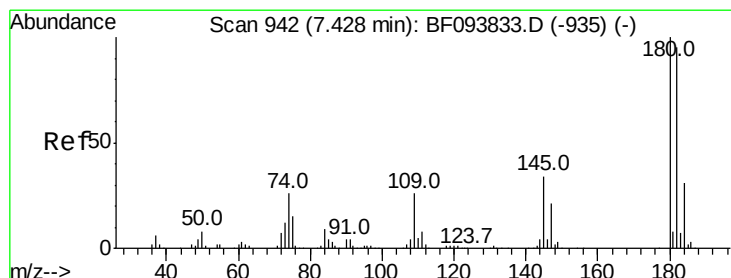
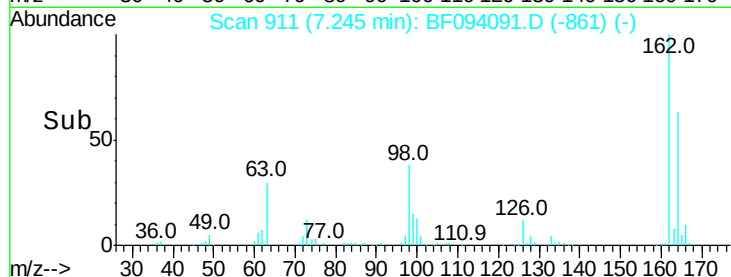
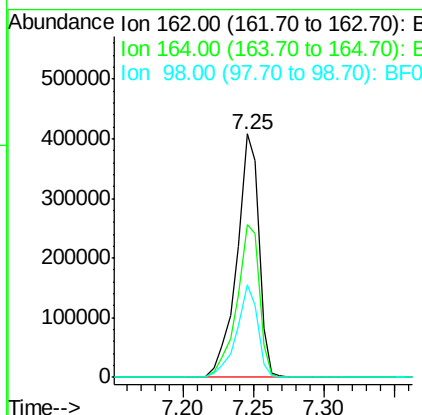
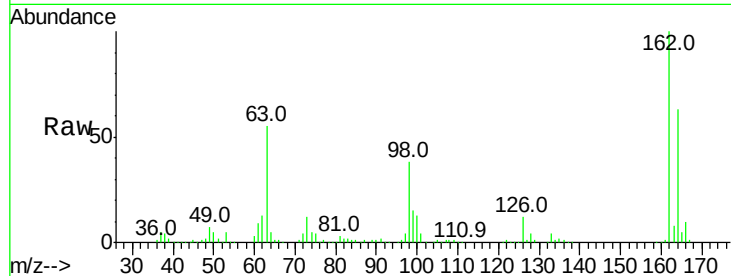




#29
 2,4-Dichlorophenol
 Concen: 40.89 ng
 RT: 7.25 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

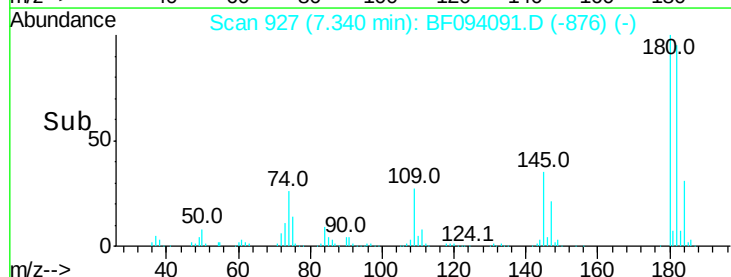
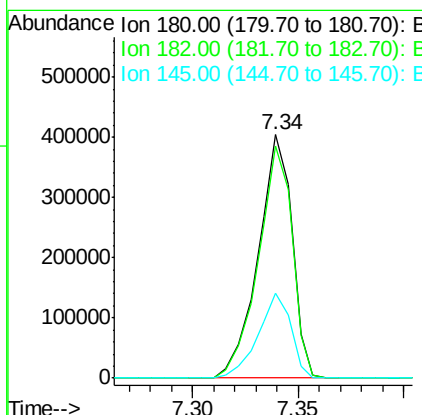
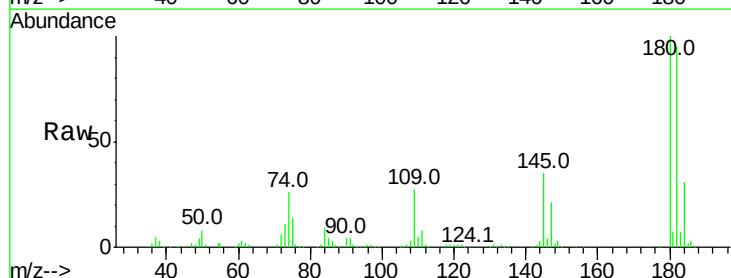
Instrument :
 BNA_F
 ClientSampled :

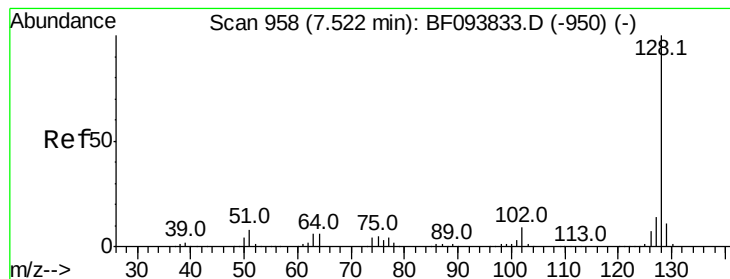
Tot Ion:162 Resp: 446361
 Ion Ratio Lower Upper
 162 100
 164 62.9 44.6 84.6
 98 37.9 14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.01 ng
 RT: 7.34 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion:180 Resp: 449874
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.8 113.6
 145 34.9 25.3 37.9





#31

Naphthalene

Concen: 39.30 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

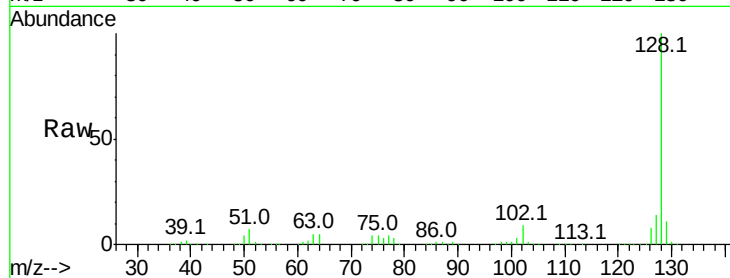
Tot Ion:128 Resp: 1553369

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

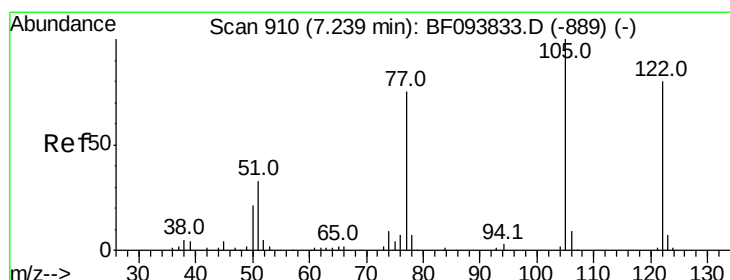
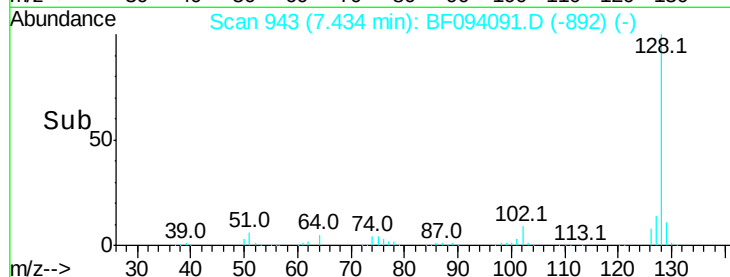
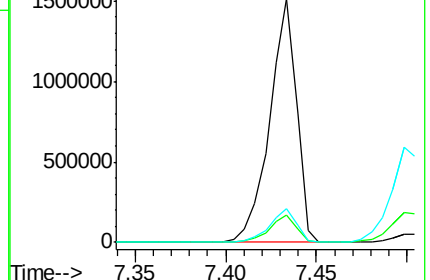
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.59 ng

RT: 7.17 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

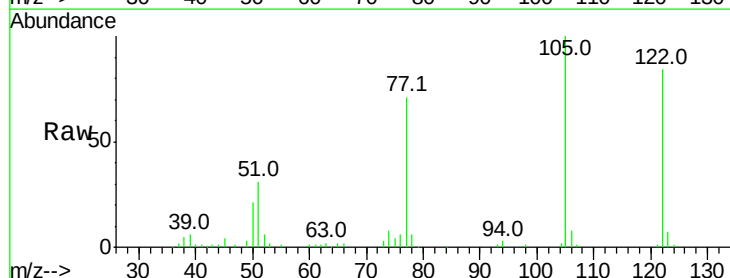
Tgt Ion:122 Resp: 206681

Ion Ratio Lower Upper

122 100

105 118.8 103.3 143.3

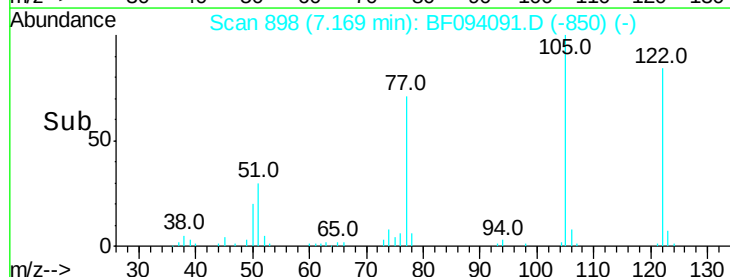
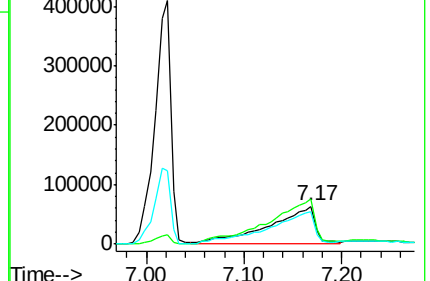
77 84.9 73.7 113.7

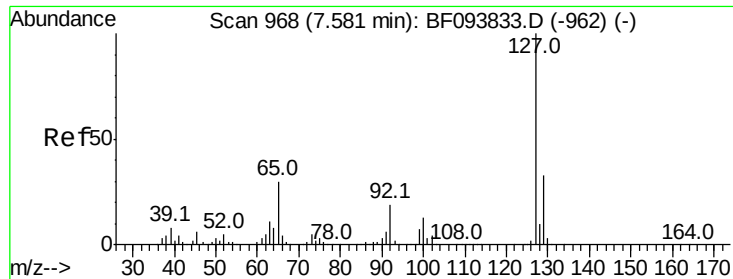


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

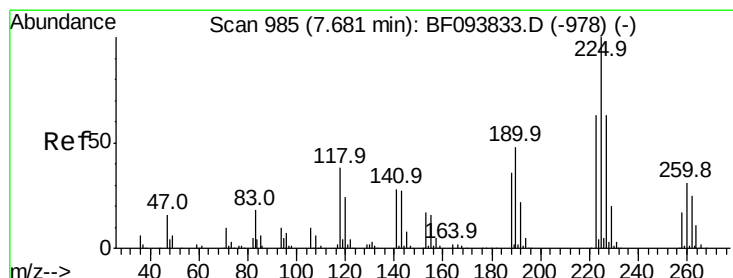
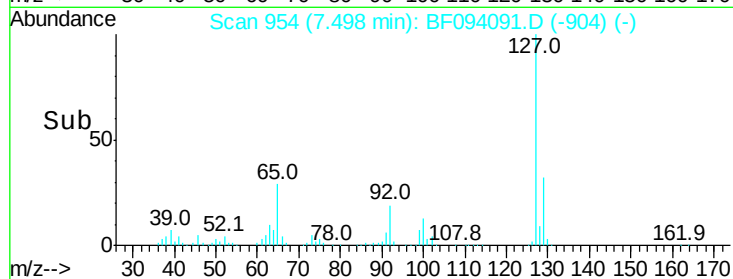
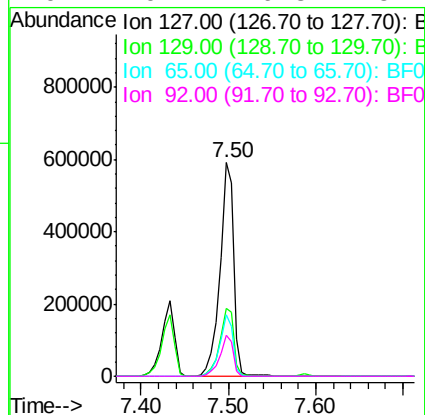
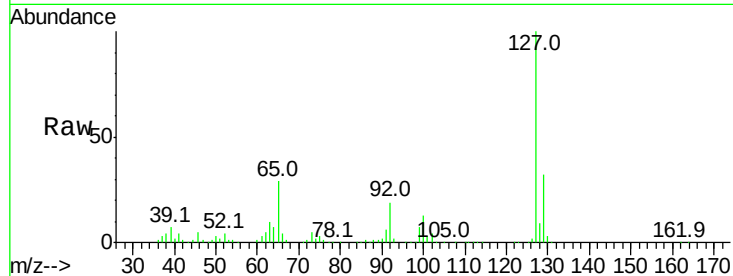




#33
4-Chloroaniline
Concen: 40.40 ng
RT: 7.50 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

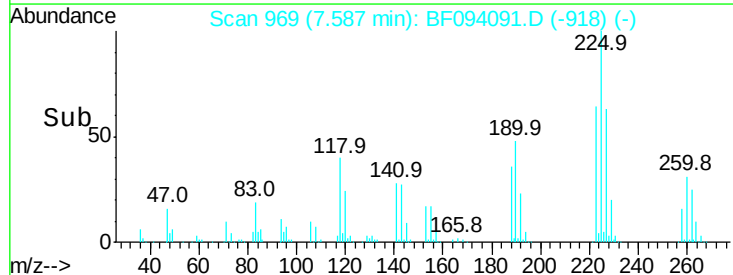
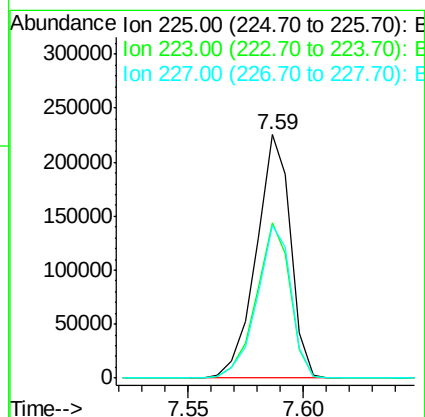
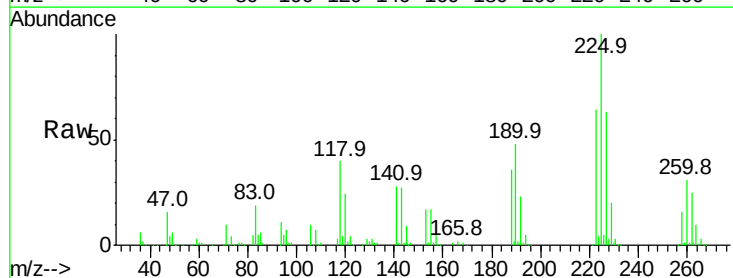
Instrument :
BNA_F
ClientSampleId :

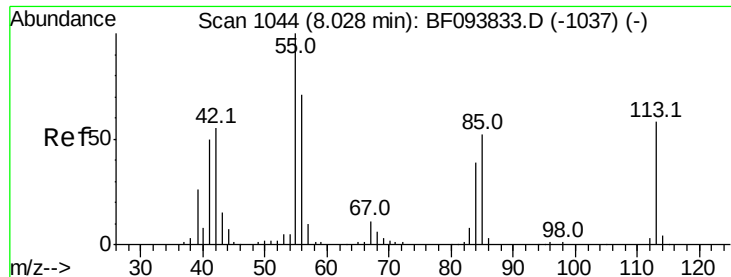
Tot Ion:	127	Resp:	647295
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	28.7	27.8	41.8
92	19.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.28 ng
RT: 7.59 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Tgt Ion:	225	Resp:	232211
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	62.7	51.1	76.7





#35

Caprolactam

Concen: 40.50 ng

RT: 7.96 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

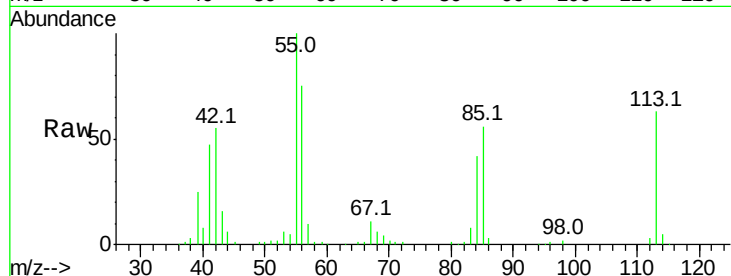
Tot Ion:113 Resp: 140967

Ion Ratio Lower Upper

113 100

55 158.7 150.2 190.2

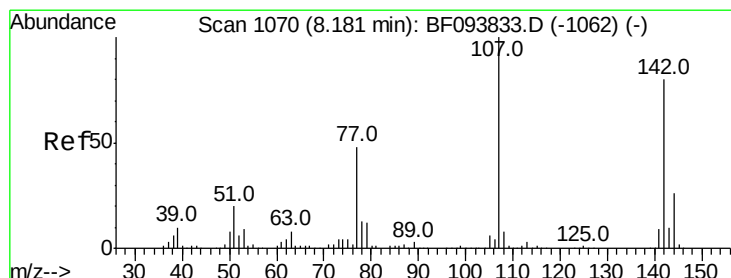
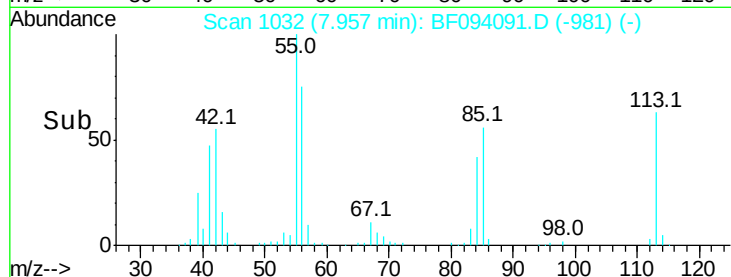
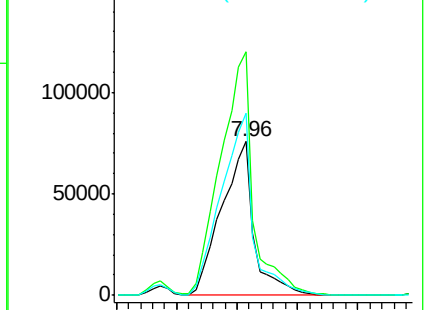
56 118.4 107.8 147.8



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: 40.53 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

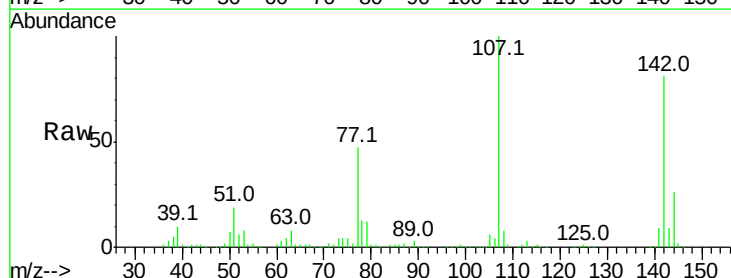
Tgt Ion:107 Resp: 462255

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

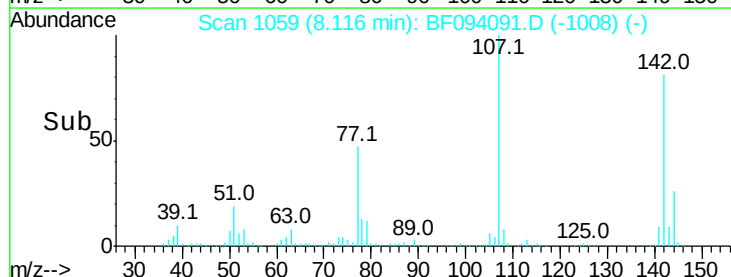
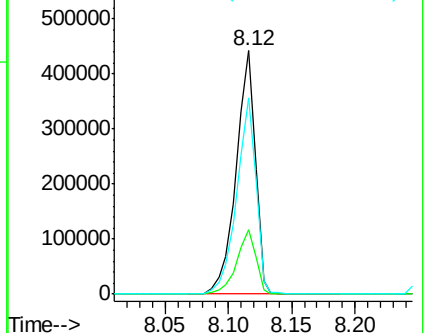
142 80.7 73.4 110.0

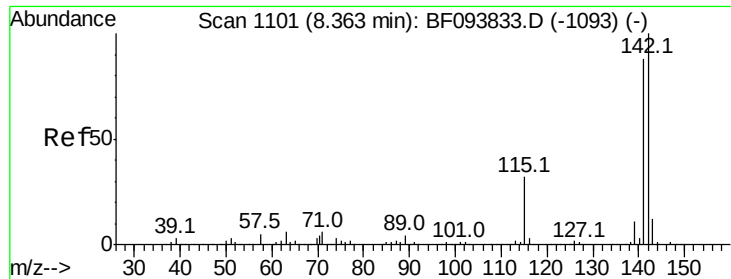


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

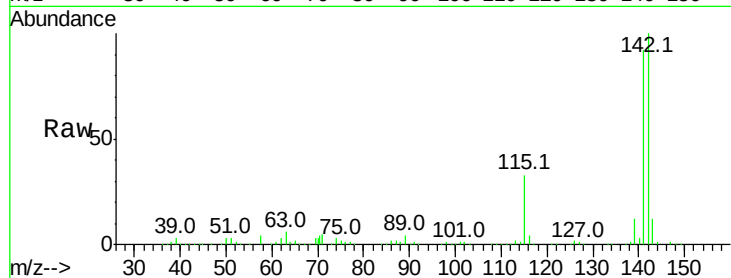




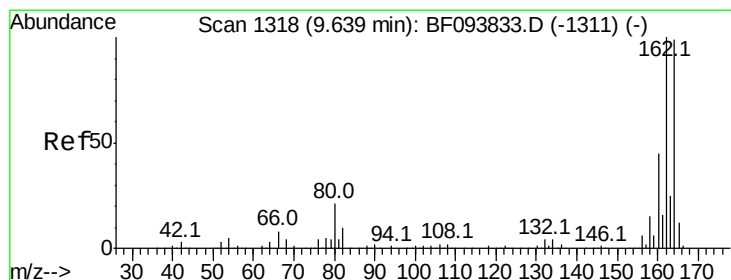
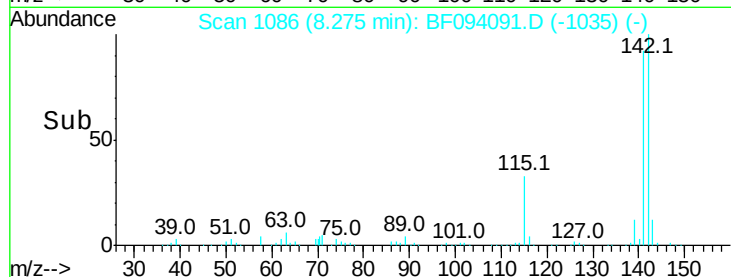
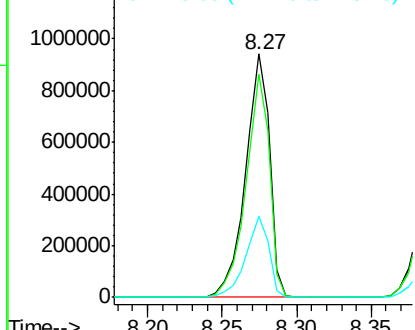
#37
 2-Methylnaphthalene
 Concen: 39.57 ng
 RT: 8.27 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1042625
 Ion Ratio Lower Upper
 142 100
 141 91.5 71.3 106.9
 115 33.2 27.1 40.7

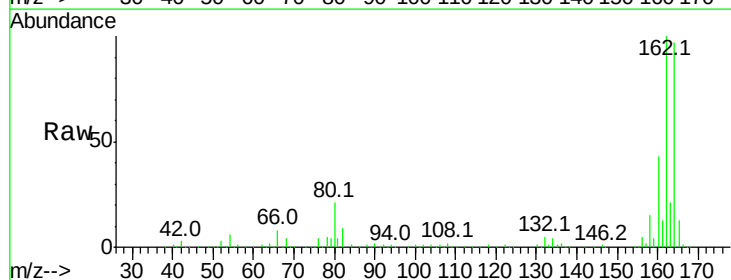


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

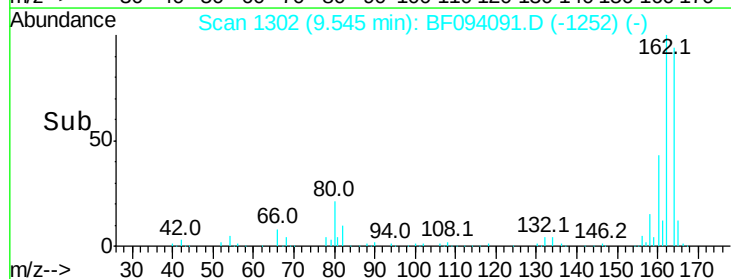
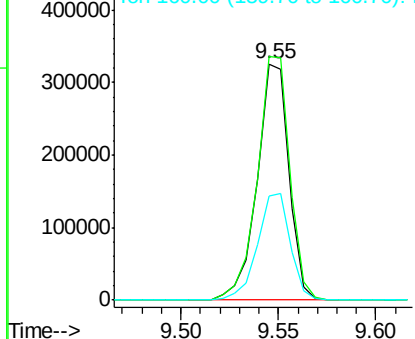


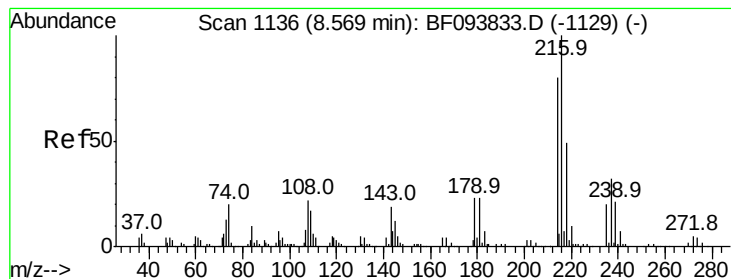
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion:164 Resp: 367248
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 43.9 36.2 54.2



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: 41.18 ng

RT: 8.48 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 413677

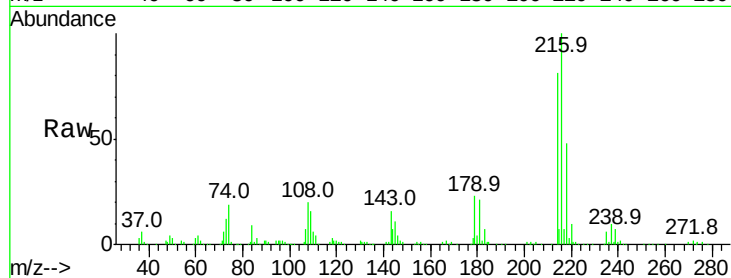
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 22.7 17.9 26.9

108 20.5 16.5 24.7

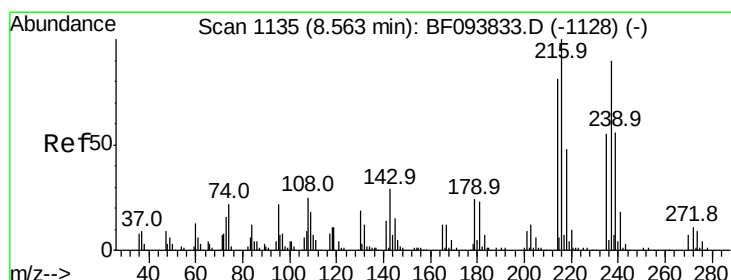
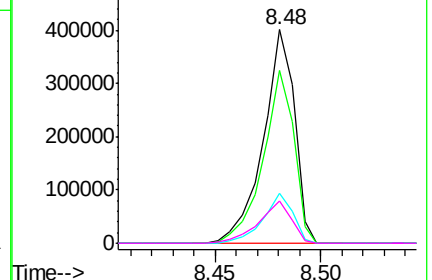
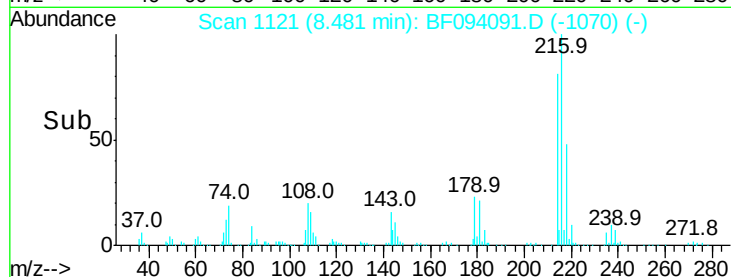


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.91 ng

RT: 8.47 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

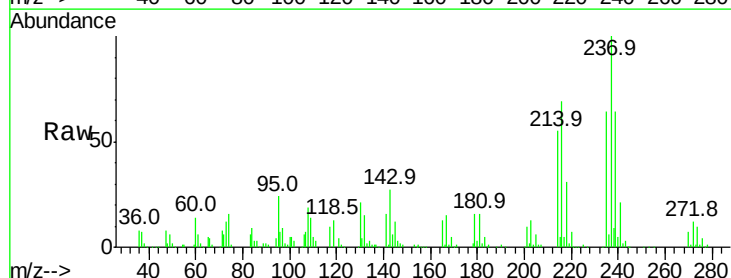
Tgt Ion:237 Resp: 173538

Ion Ratio Lower Upper

237 100

235 64.4 42.6 82.6

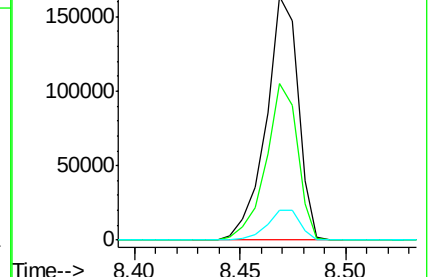
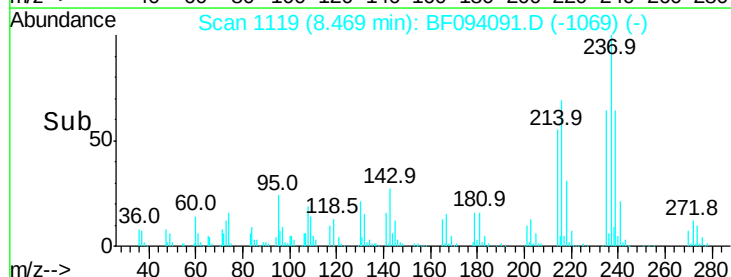
272 12.2 0.0 31.9

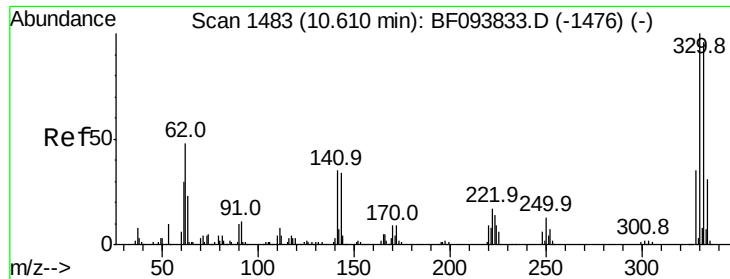


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

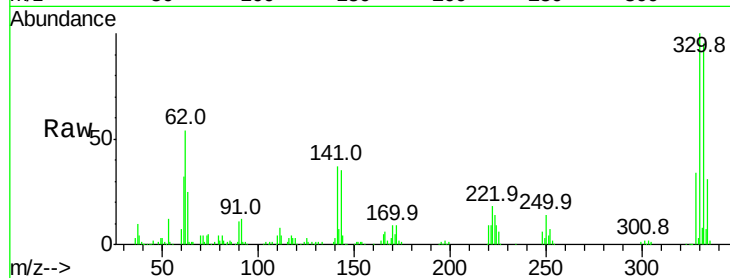




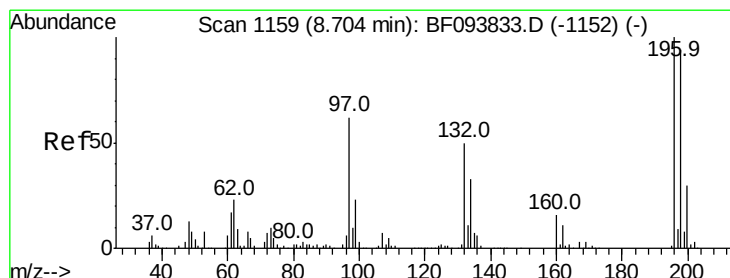
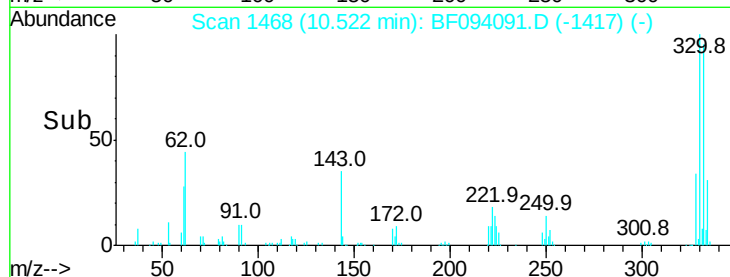
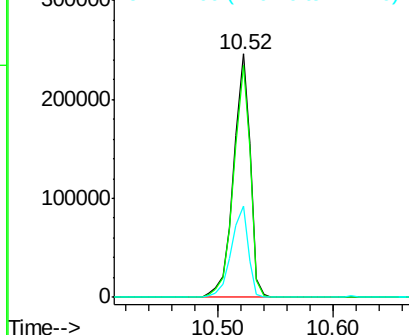
#41
 2,4,6-Tribromophenol
 Concen: 84.77 ng
 RT: 10.52 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 246012
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 38.2 31.4 47.2

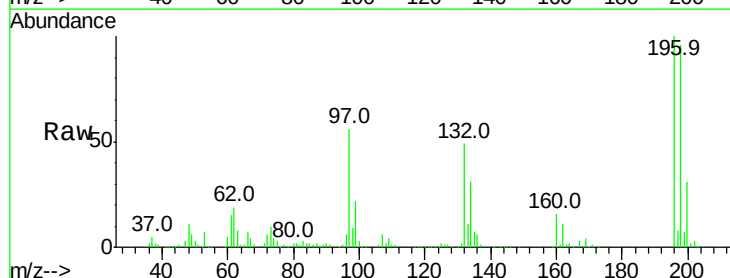


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

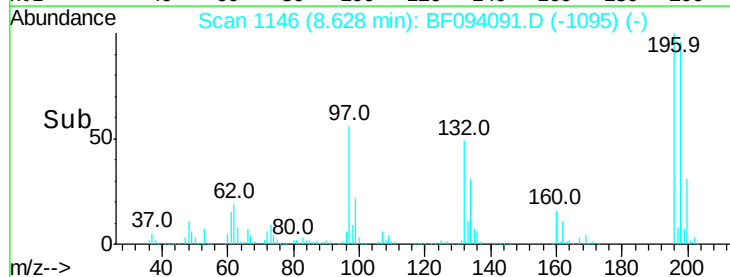
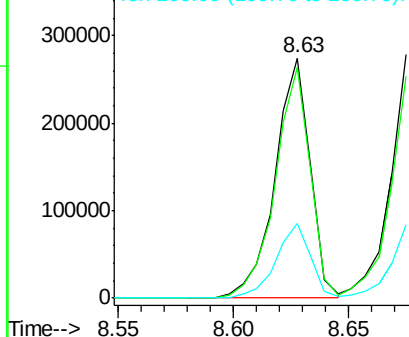


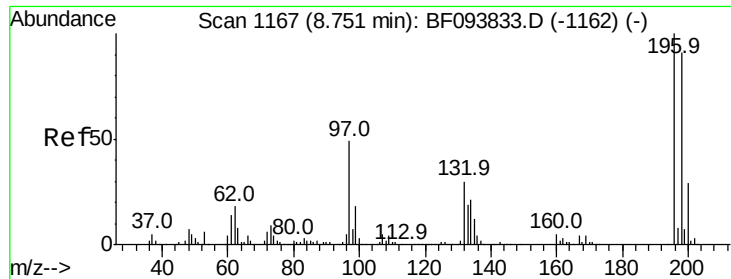
#42
 2,4,6-Trichlorophenol
 Concen: 40.37 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion:196 Resp: 286960
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.2 111.4
 200 31.1 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

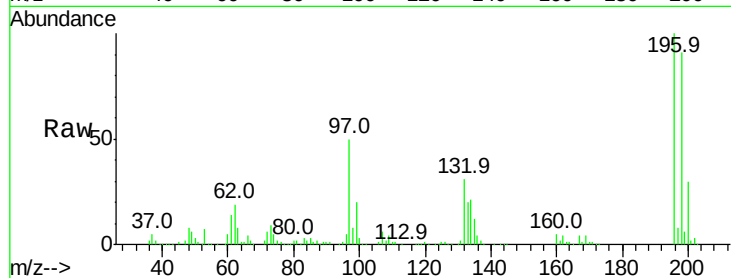




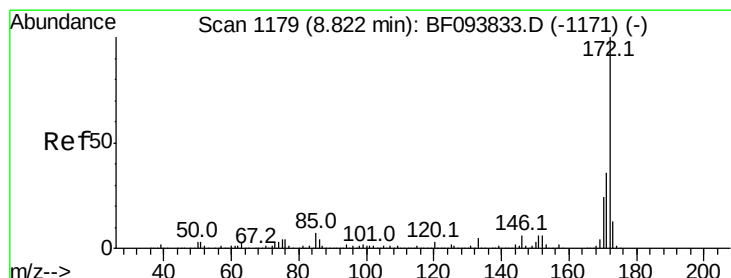
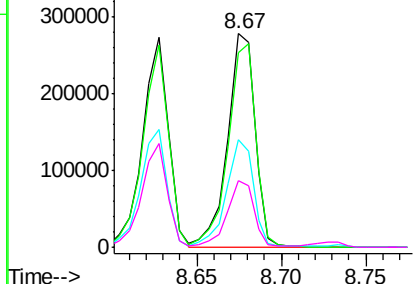
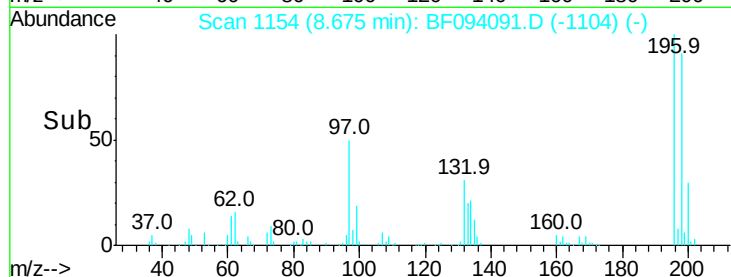
#43
 2,4,5-Trichlorophenol
 Concen: 40.87 ng
 RT: 8.67 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 314318
 Ion Ratio Lower Upper
 196 100
 198 91.0 75.7 113.5
 97 50.5 47.7 71.5
 132 31.3 28.0 42.0

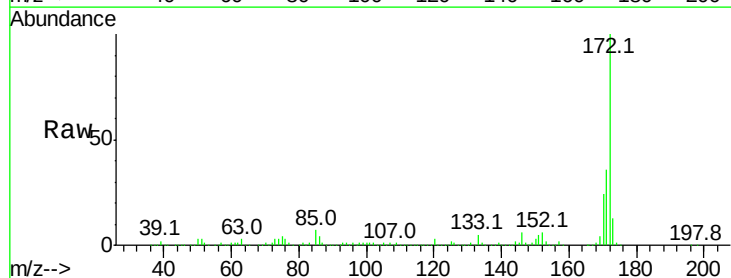


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

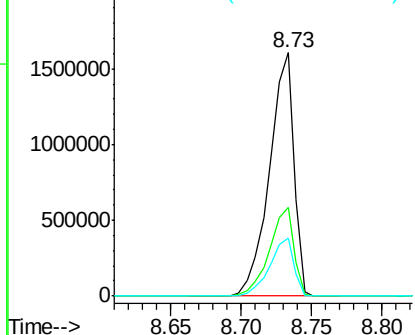
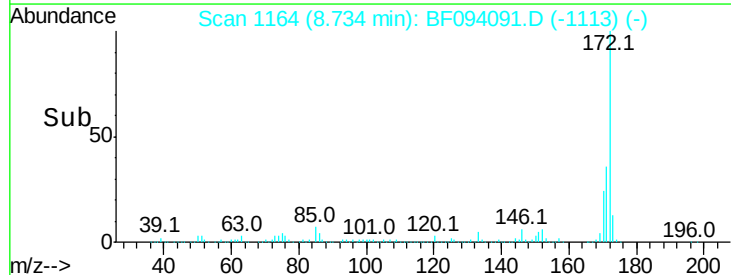


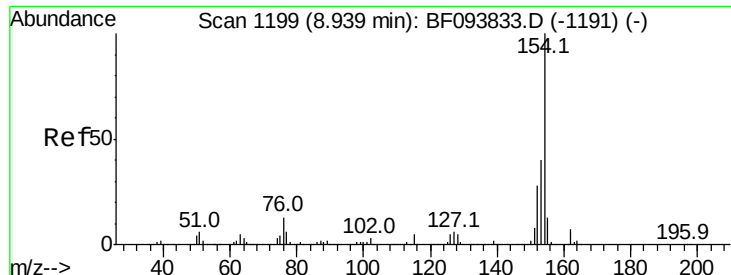
#44
 2-Fluorobiphenyl
 Concen: 81.25 ng
 RT: 8.73 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion:172 Resp: 1956360
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.7 19.8 29.8



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: 39.69 ng

RT: 8.85 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

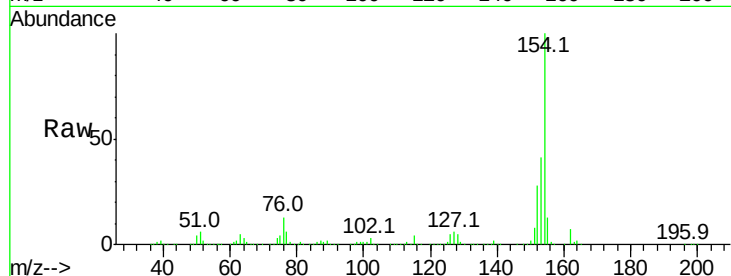
Tot Ion:154 Resp: 1175656

Ion Ratio Lower Upper

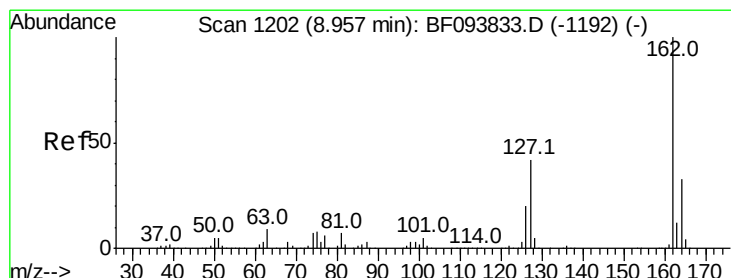
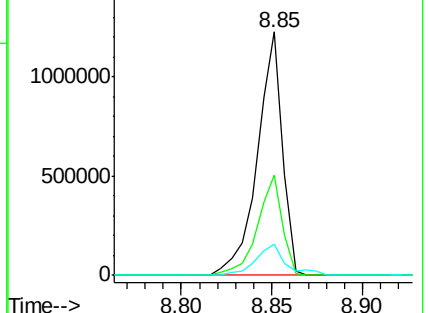
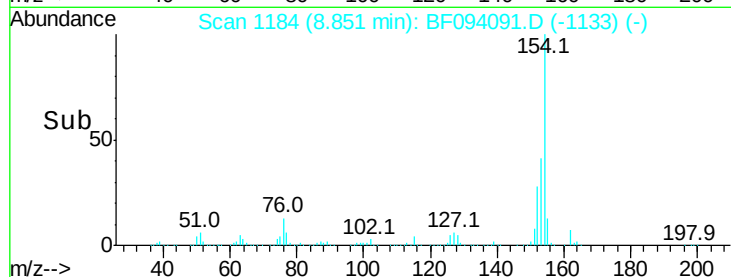
154 100

153 41.0 21.2 61.2

76 12.8 0.0 29.9



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): E



#46

2-Chloronaphthalene

Concen: 40.09 ng

RT: 8.87 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

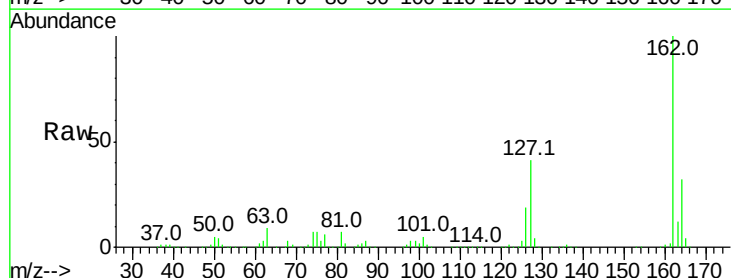
Tgt Ion:162 Resp: 929632

Ion Ratio Lower Upper

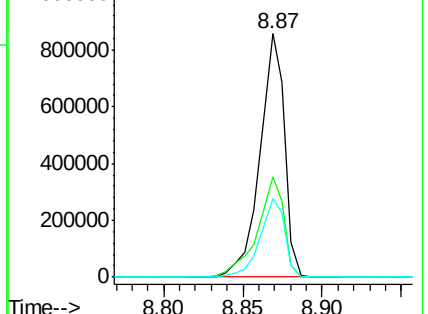
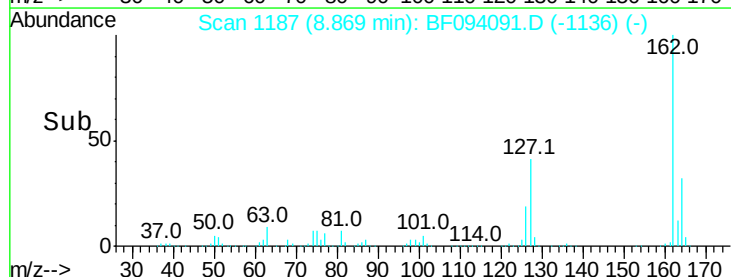
162 100

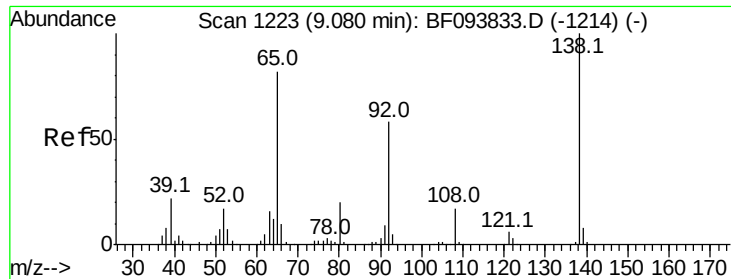
127 41.0 28.3 42.5

164 32.1 27.0 40.4



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

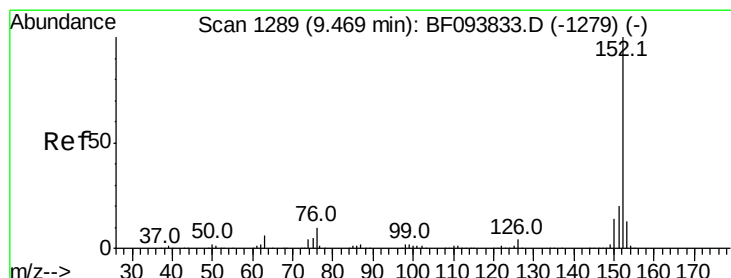
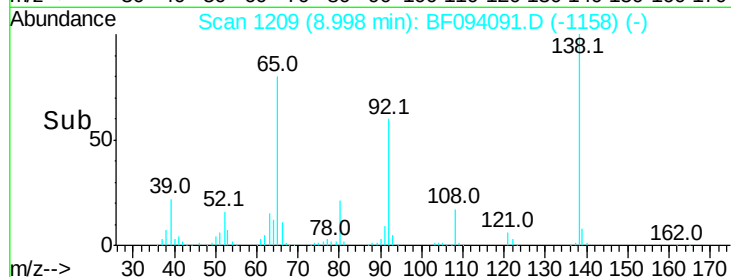
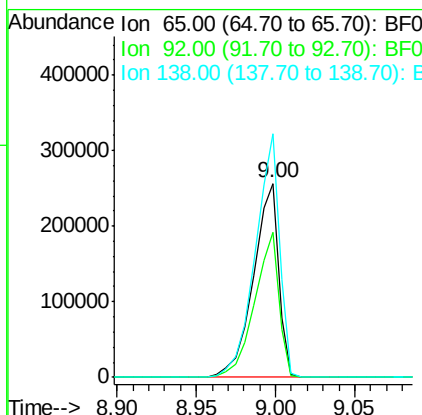
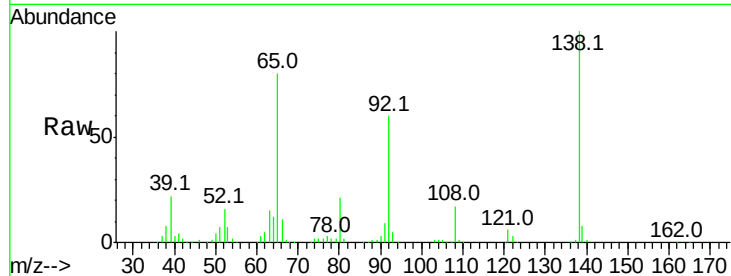




#47
 2-Nitroaniline
 Concen: 41.39 ng
 RT: 9.00 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

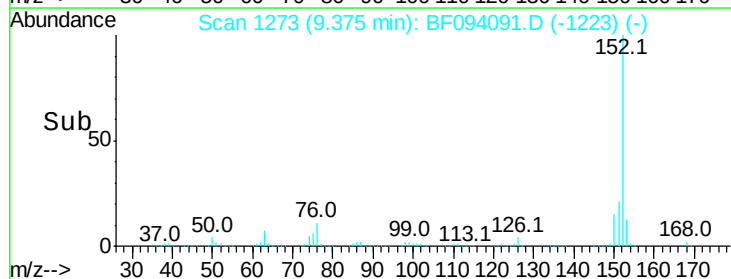
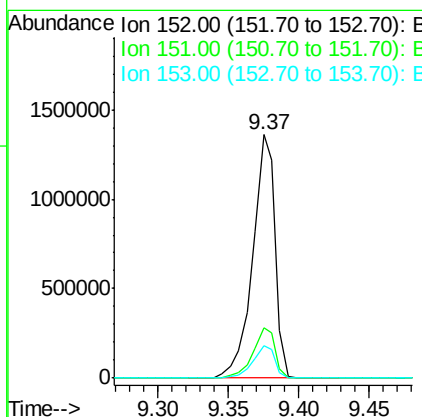
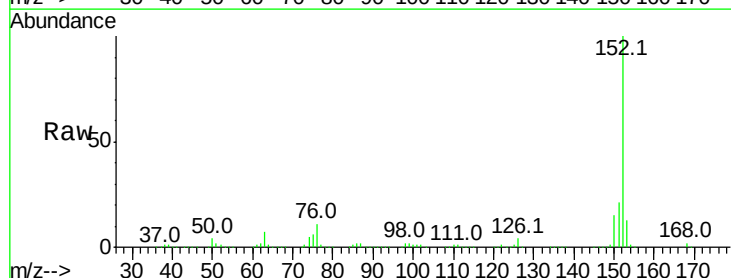
Instrument :
 BNA_F
 ClientSampleId :

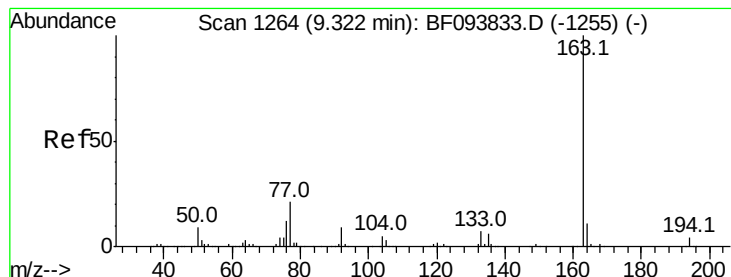
Tot Ion: 65 Resp: 284673
 Ion Ratio Lower Upper
 65 100
 92 74.8 53.9 80.9
 138 125.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.27 ng
 RT: 9.37 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion:152 Resp: 1513182
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 40.62 ng

RT: 9.24 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

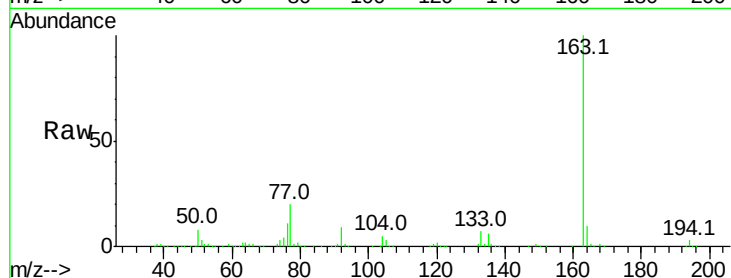
Tot Ion:163 Resp: 1060406

Ion Ratio Lower Upper

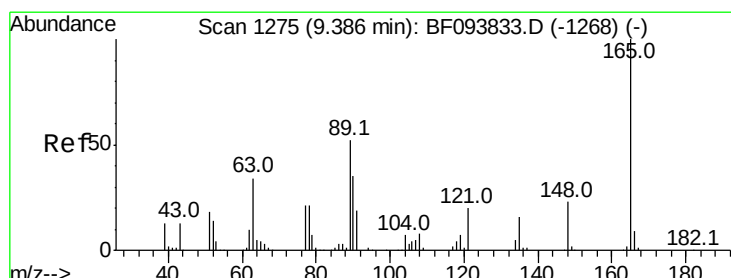
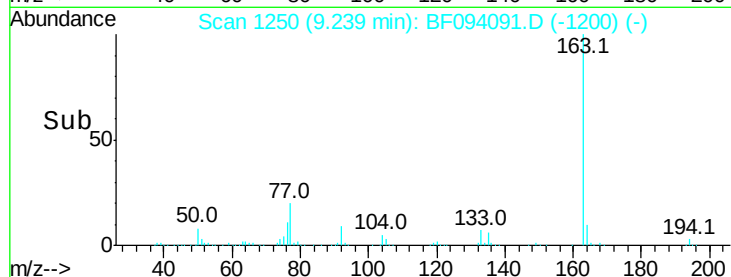
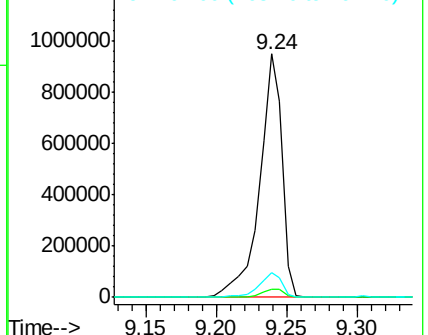
163 100

194 3.4 2.6 4.0

164 10.1 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 41.65 ng

RT: 9.30 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

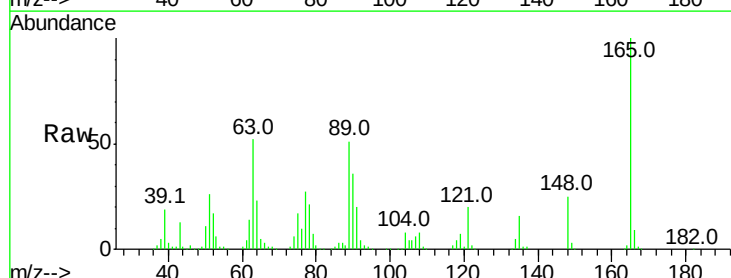
Tgt Ion:165 Resp: 249235

Ion Ratio Lower Upper

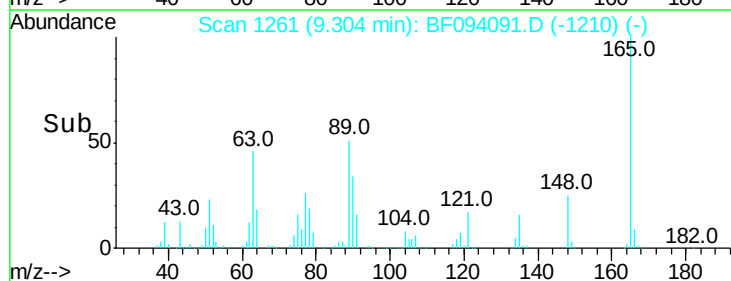
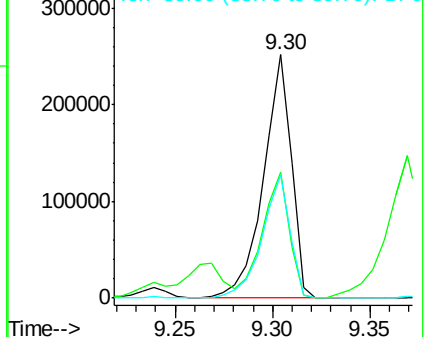
165 100

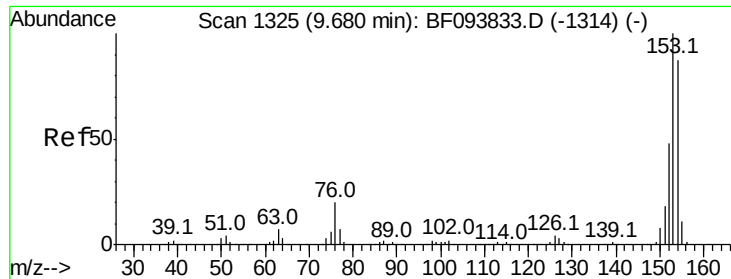
63 51.8 34.3 51.5#

89 50.9 37.1 55.7



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





#51

Acenaphthene

Concen: 39.08 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

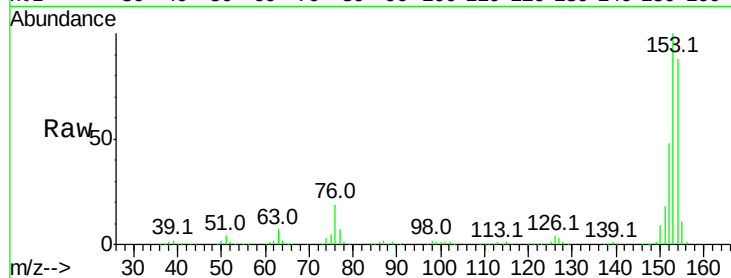
Tot Ion:154 Resp: 878837

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

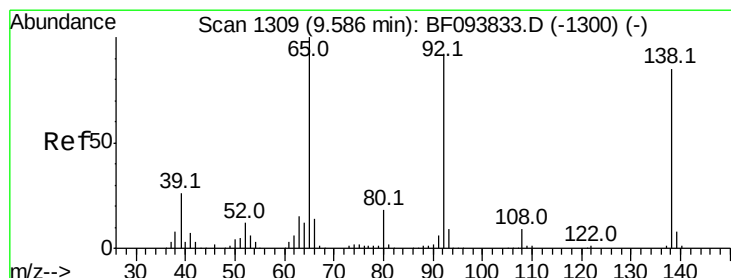
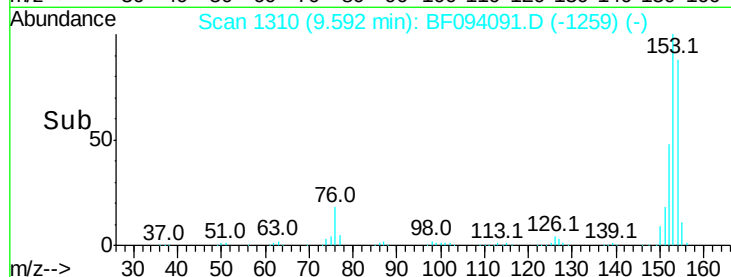
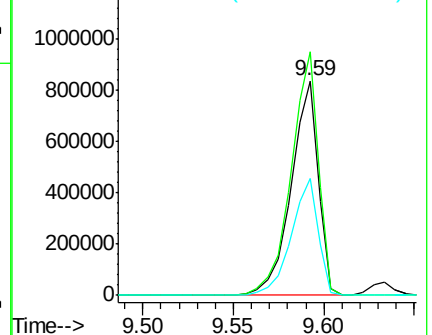
152 54.5 43.6 65.4



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: 41.77 ng

RT: 9.51 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

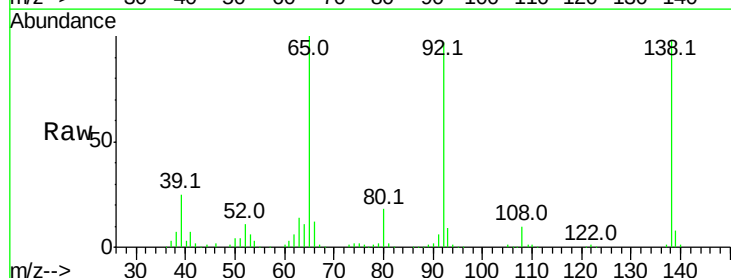
Tgt Ion:138 Resp: 293538

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

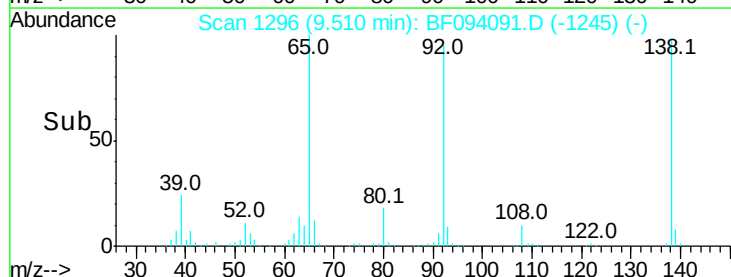
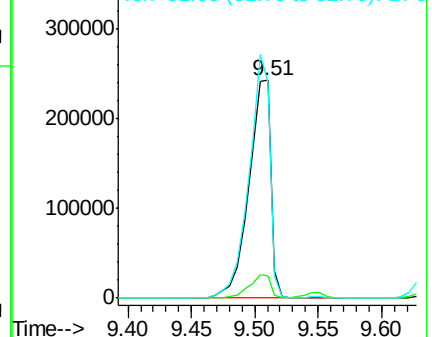
92 99.1 93.8 140.6

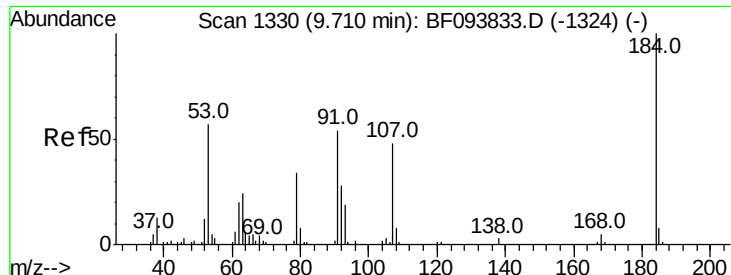


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

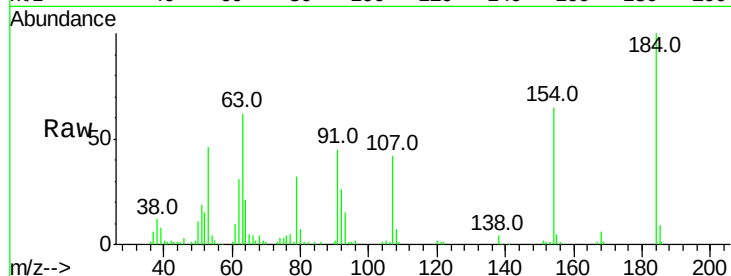




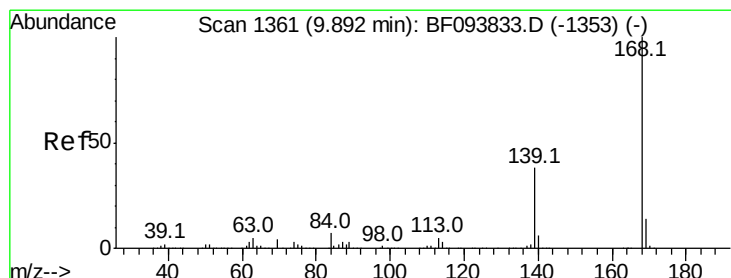
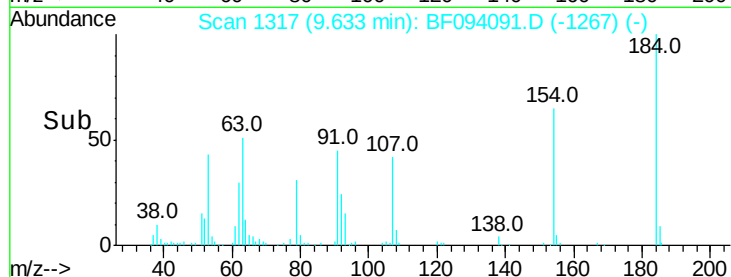
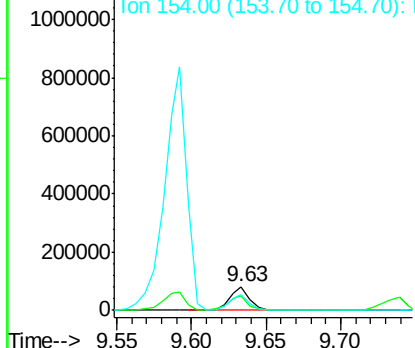
#53
2,4-Dinitrophenol
Concen: 27.54 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 77799
Ion Ratio Lower Upper
184 100
63 61.6 62.7 94.1#
154 64.7 81.1 121.7#

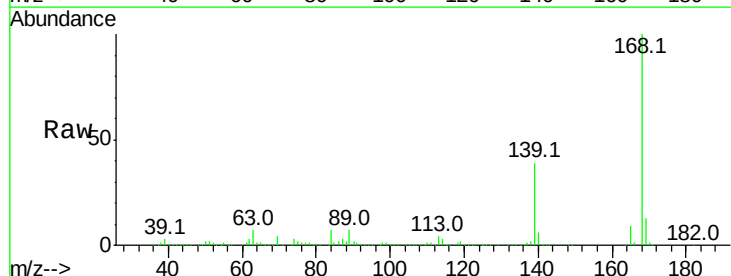


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

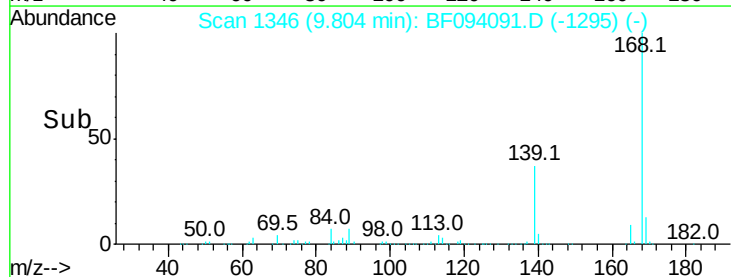
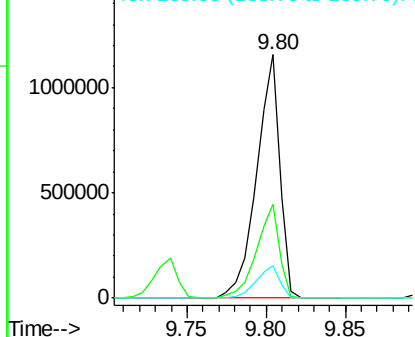


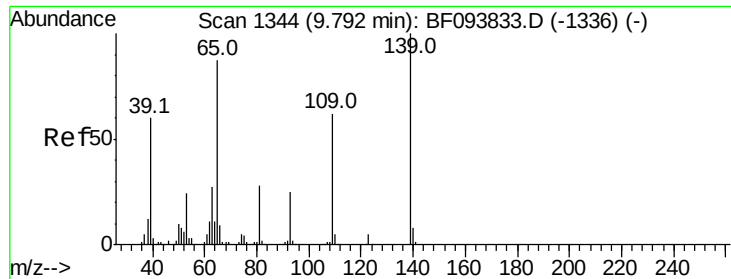
#54
Dibenzofuran
Concen: 38.47 ng
RT: 9.80 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Tgt Ion:168 Resp: 1177731
Ion Ratio Lower Upper
168 100
139 38.5 30.6 45.8
169 13.2 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

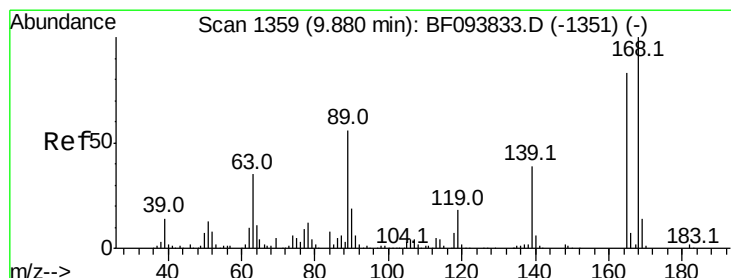
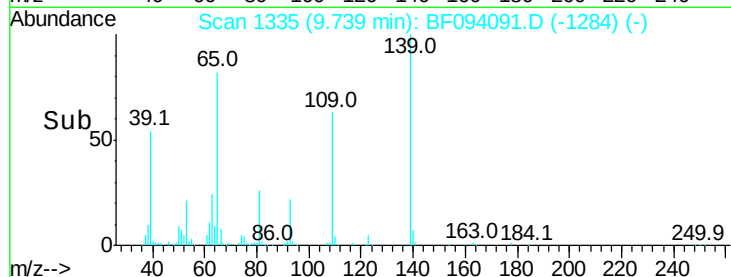
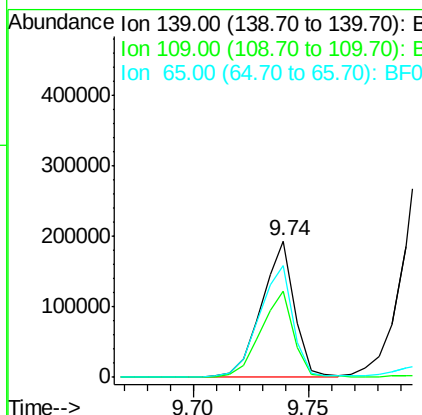
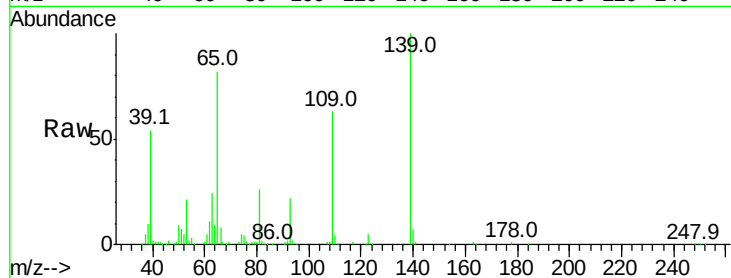




#55
4-Nitrophenol
Concen: 34.88 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

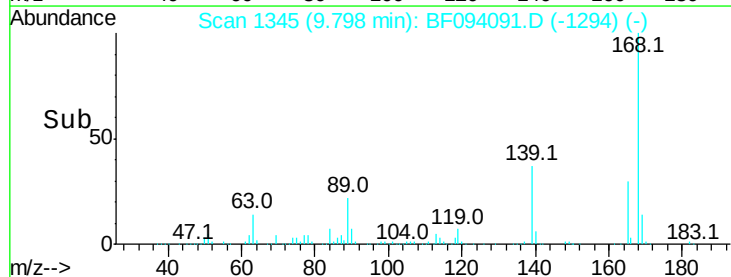
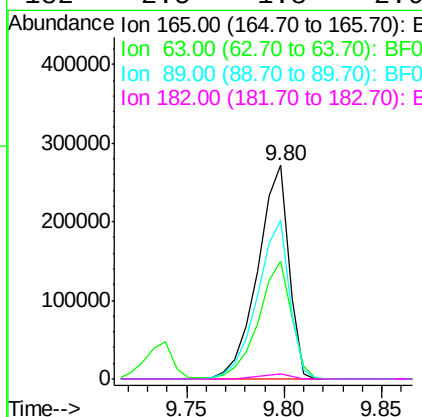
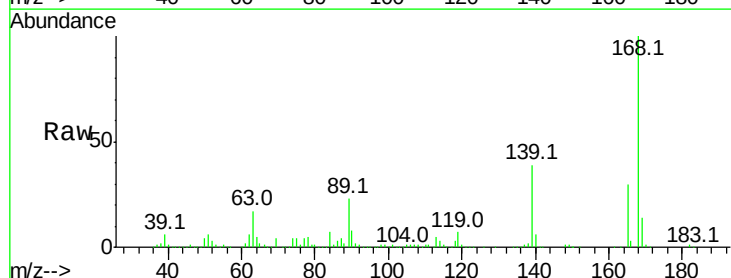
Instrument :
BNA_F
ClientSampleId :

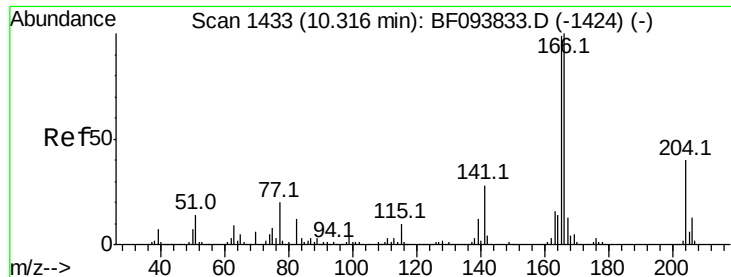
Tot Ion:139 Resp: 191944
Ion Ratio Lower Upper
139 100
109 63.2 34.1 74.1
65 82.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 40.01 ng
RT: 9.80 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Tgt Ion:165 Resp: 300781
Ion Ratio Lower Upper
165 100
63 55.3 25.4 38.0#
89 74.4 46.4 69.6#
182 2.5 1.8 2.6

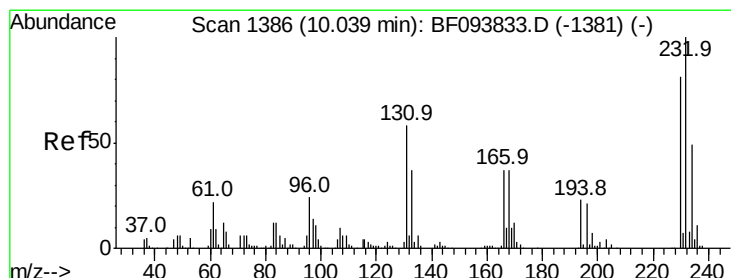
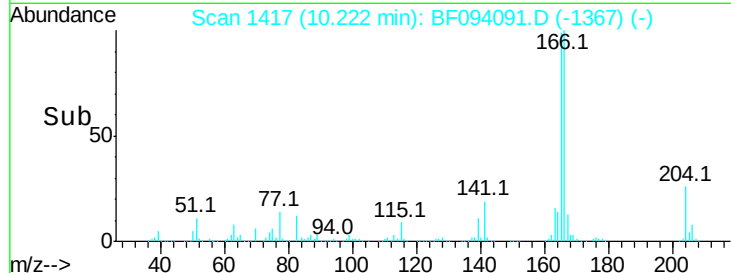
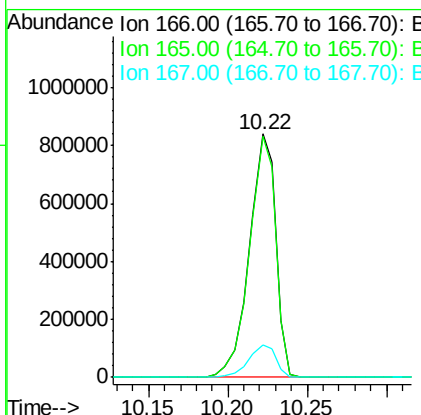
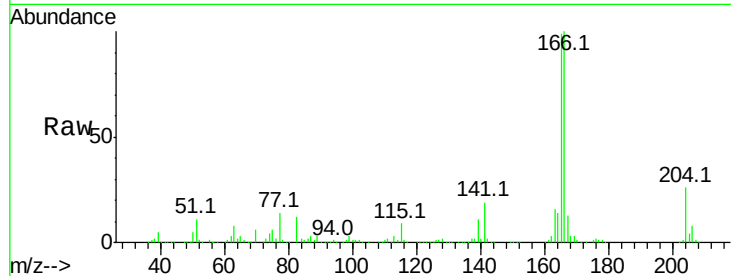




#57
 Fluorene
 Concen: 38.33 ng
 RT: 10.22 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

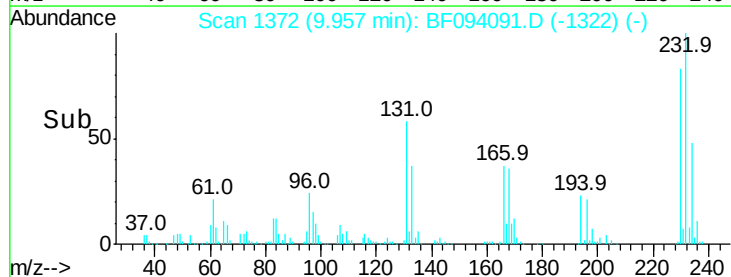
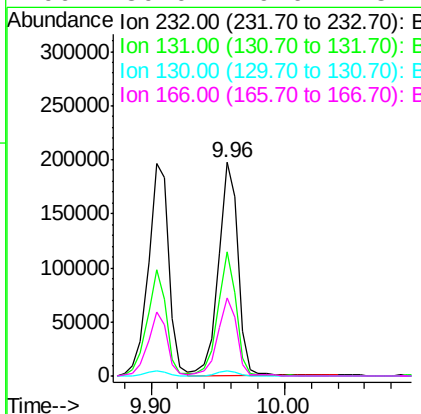
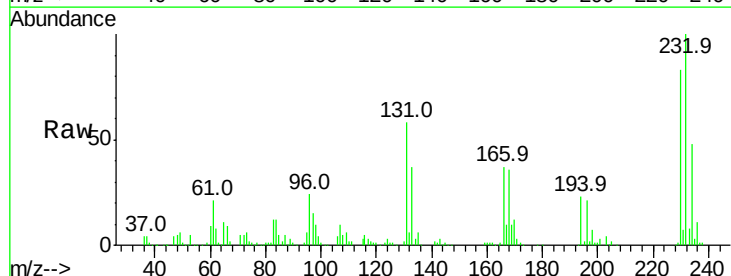
Instrument :
 BNA_F
 ClientSampleId :

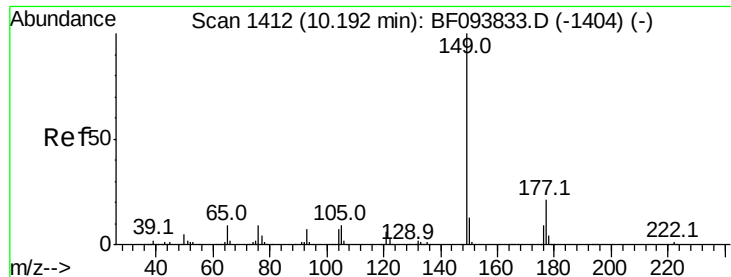
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.8	118.2
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.75 ng
 RT: 9.96 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.0	44.8	67.2
130	2.4	2.3	3.5
166	36.0	29.0	43.4

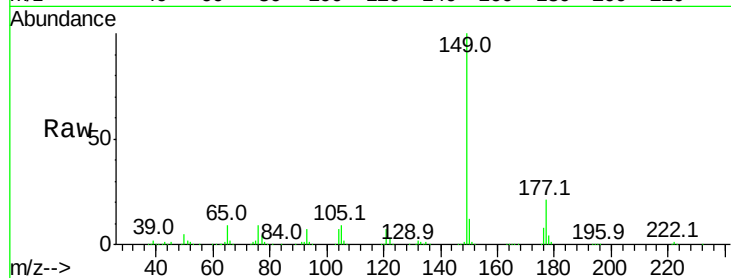




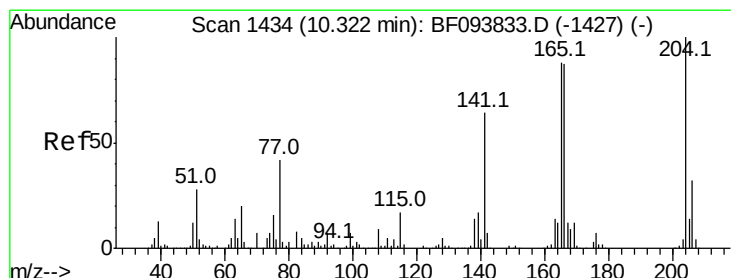
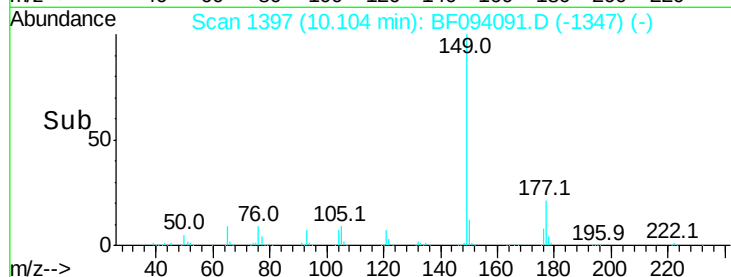
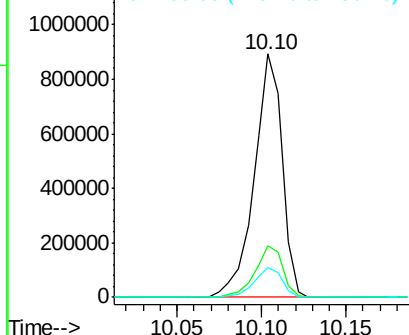
#59
Diethylphthalate
Concen: 39.79 ng
RT: 10.10 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1026553
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.4 10.2 15.2

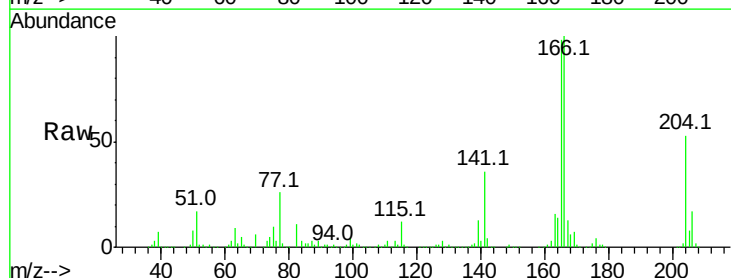


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

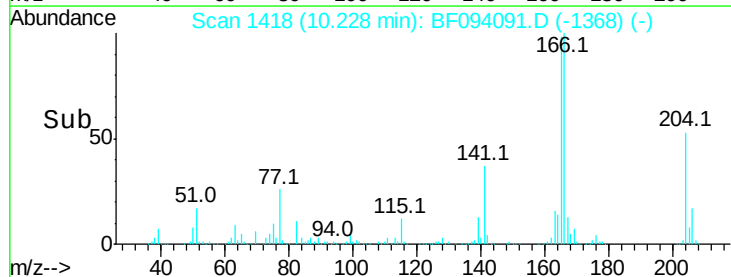
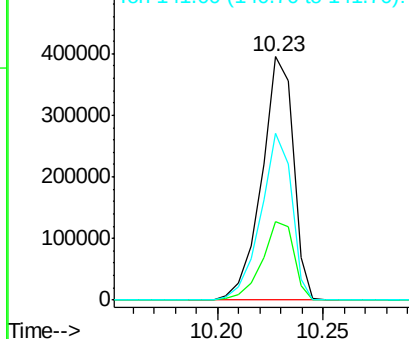


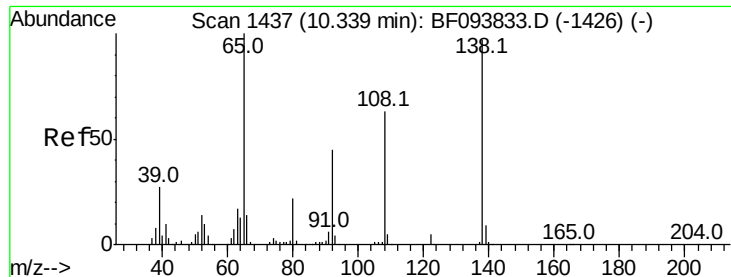
#60
4-Chlorophenyl-phenylether
Concen: 38.16 ng
RT: 10.23 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Tgt Ion:204 Resp: 412666
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 68.5 60.8 91.2



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

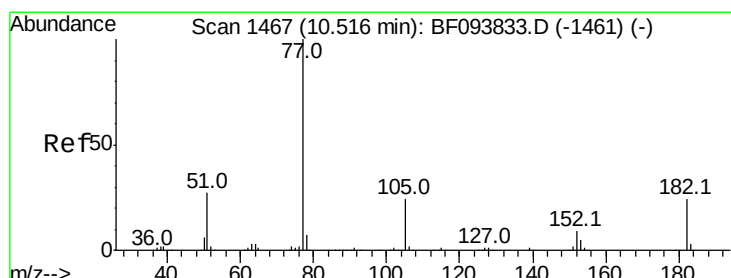
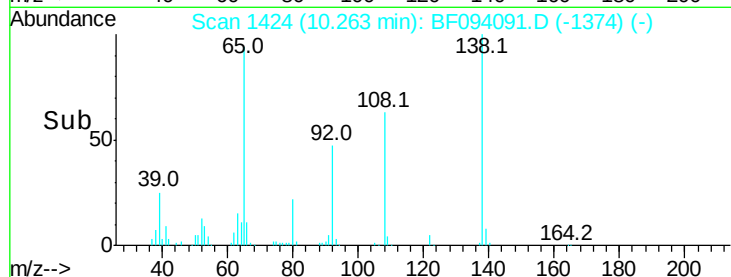
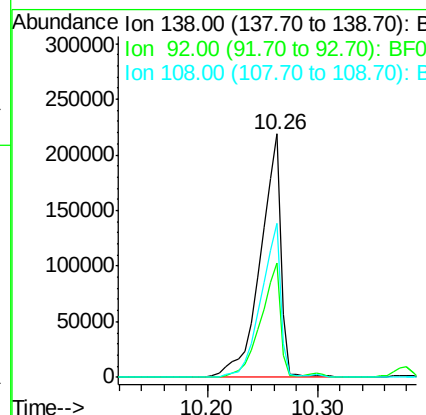
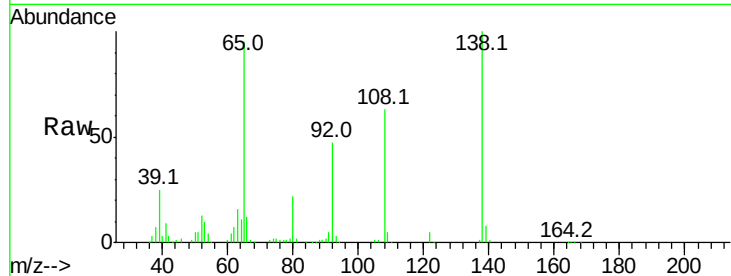




#61
4-Nitroaniline
Concen: 42.37 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

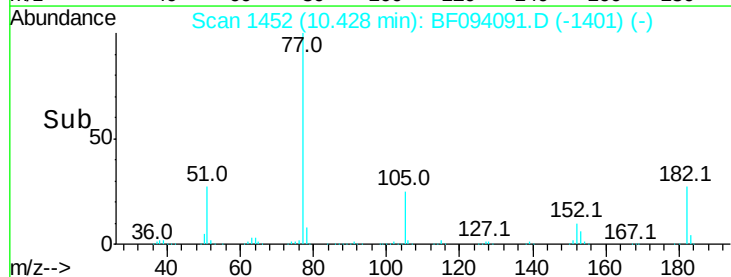
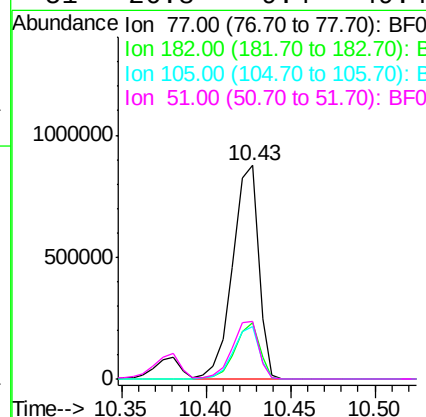
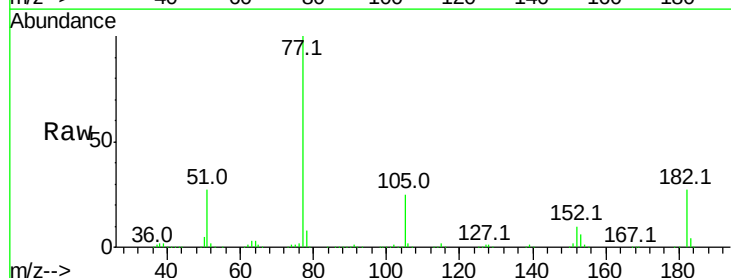
Instrument :
BNA_F
ClientSampled :

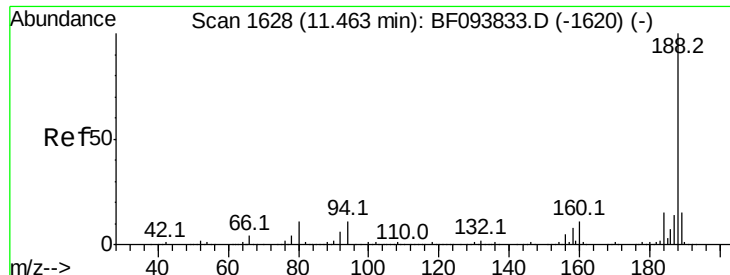
Tot Ion:138 Resp: 285713
Ion Ratio Lower Upper
138 100
92 46.8 21.8 61.8
108 63.3 42.3 82.3



#62
Azobenzene
Concen: 38.39 ng
RT: 10.43 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Tgt Ion: 77 Resp: 936992
Ion Ratio Lower Upper
77 100
182 26.5 0.1 40.1
105 24.7 3.6 43.6
51 26.8 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1612

Delta R.T. -0.01 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

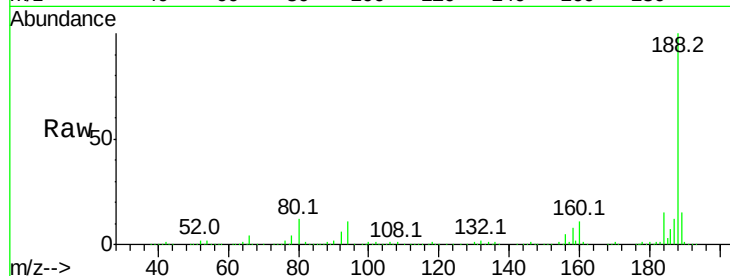
Tot Ion:188 Resp: 643324

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

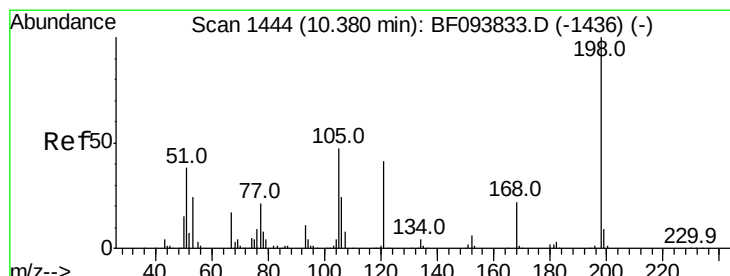
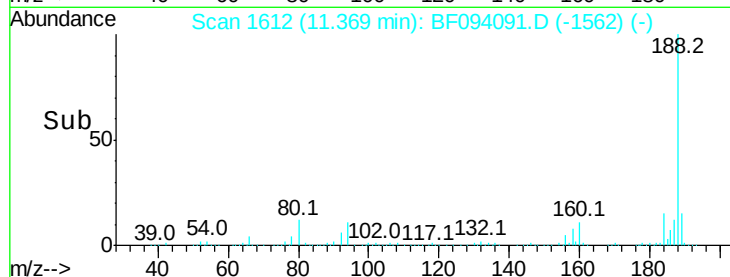
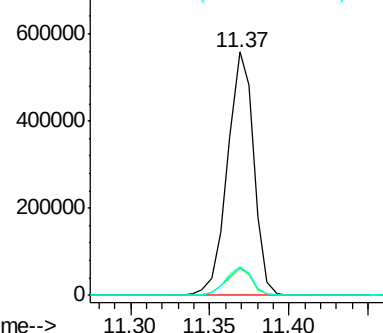
80 11.9 10.2 15.2



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: 34.44 ng

RT: 10.30 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

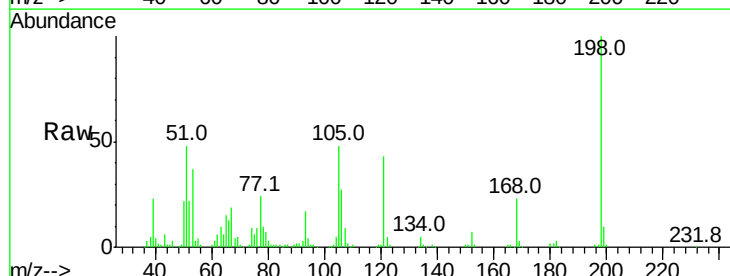
Tgt Ion:198 Resp: 135669

Ion Ratio Lower Upper

198 100

51 47.9 53.2 93.2#

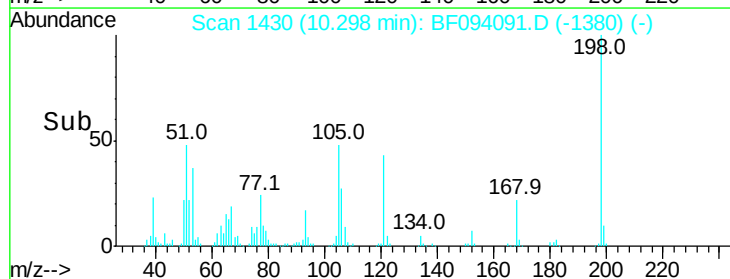
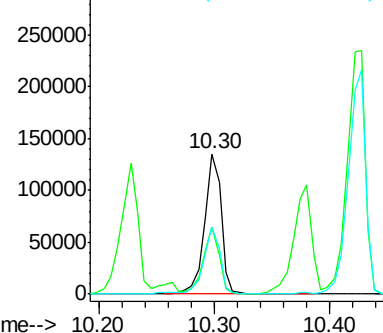
105 48.0 45.8 85.8

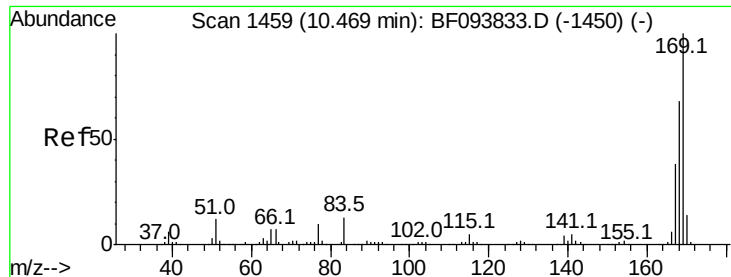


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

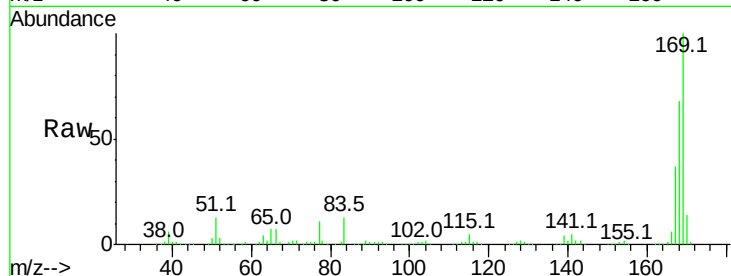




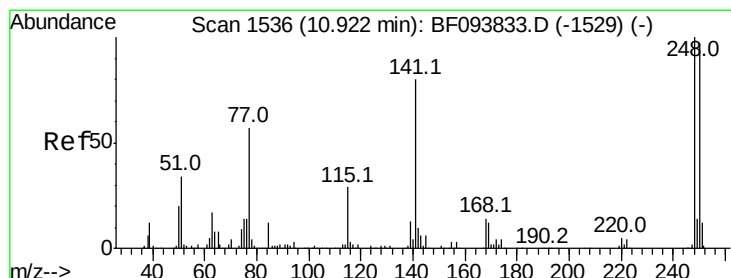
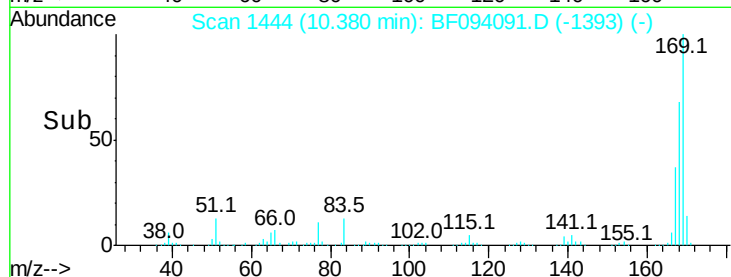
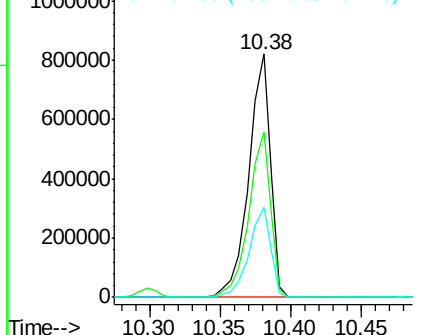
#65
 n-Nitrosodiphenylamine
 Concen: 39.82 ng
 RT: 10.38 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 885825
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.2 79.8
 167 37.2 29.5 44.3

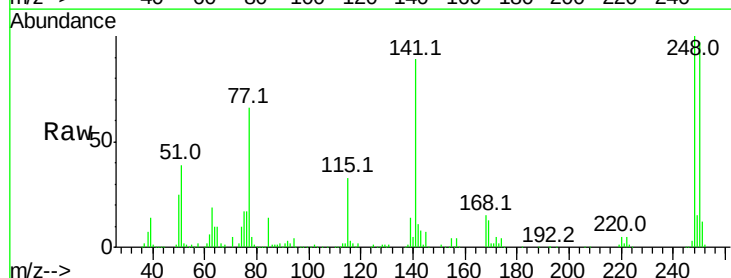


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

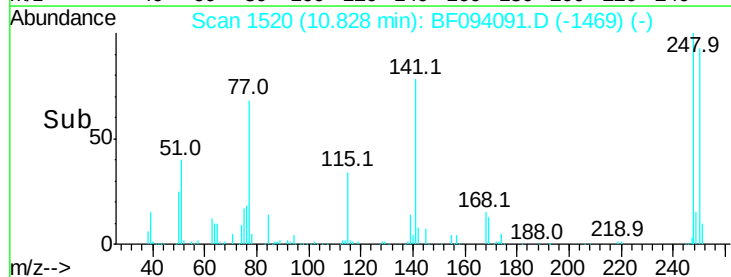
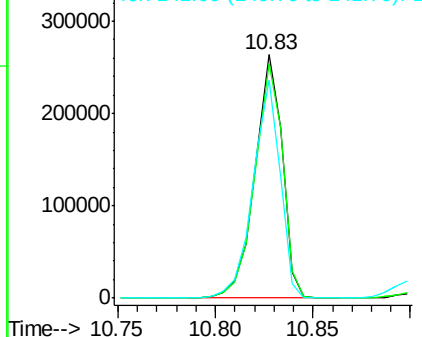


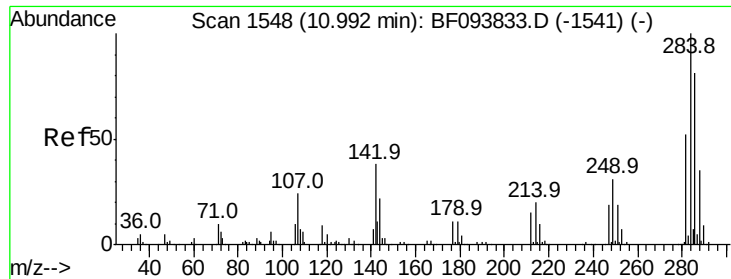
#66
 4-Bromophenyl-phenylether
 Concen: 40.49 ng
 RT: 10.83 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion:248 Resp: 256212
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.8 115.2
 141 89.4 68.6 103.0



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: 41.51 ng

RT: 10.90 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

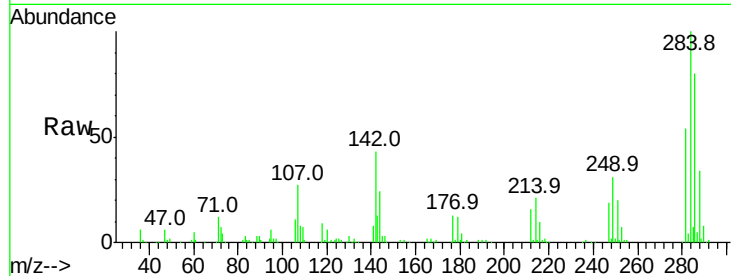
Tot Ion:284 Resp: 265860

Ion Ratio Lower Upper

284 100

142 43.1 22.8 34.2#

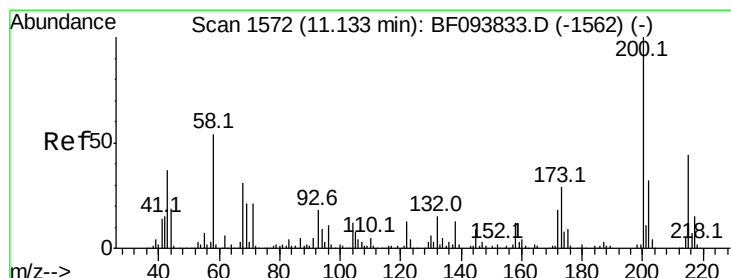
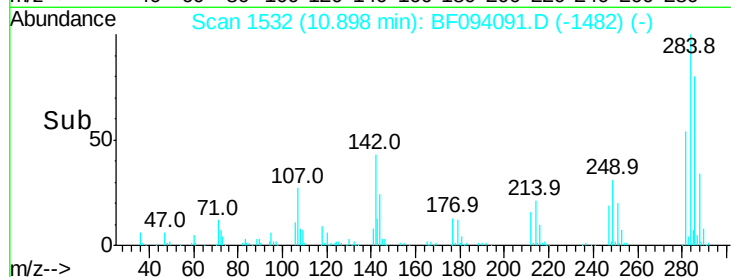
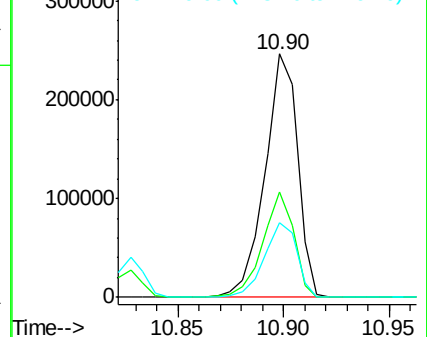
249 30.9 24.0 36.0



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: 40.17 ng

RT: 11.05 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

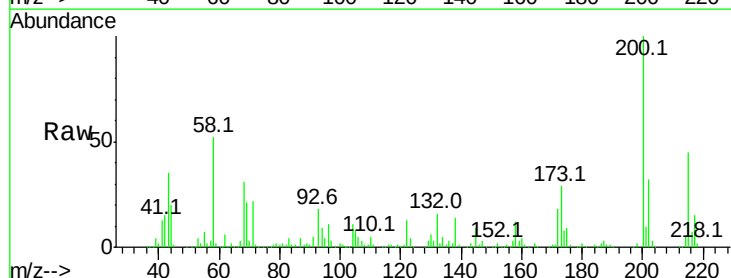
Tgt Ion:200 Resp: 267683

Ion Ratio Lower Upper

200 100

173 28.7 6.3 46.3

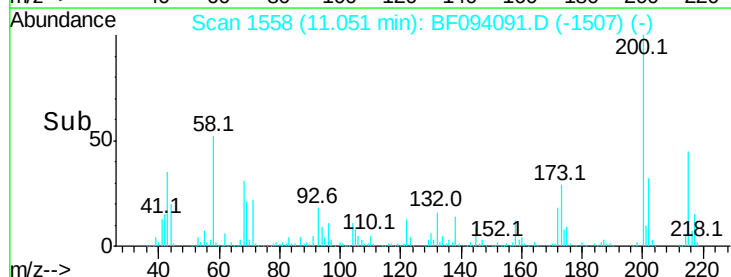
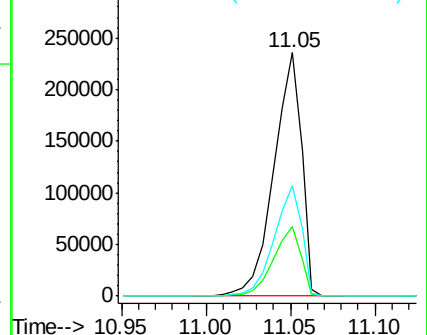
215 45.3 27.2 67.2

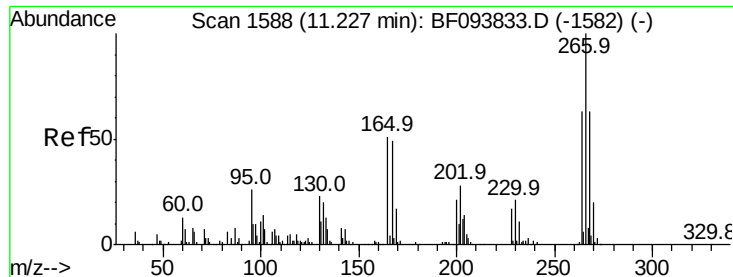


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 30.34 ng

RT: 11.15 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

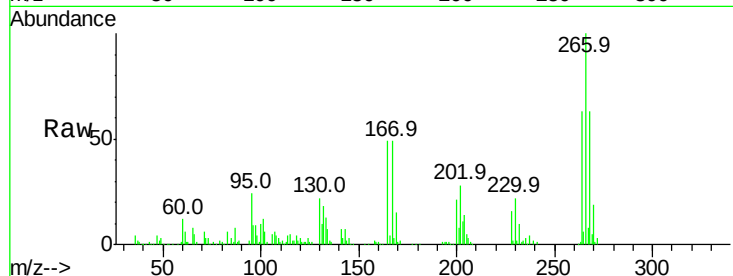
Tot Ion:266 Resp: 120963

Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

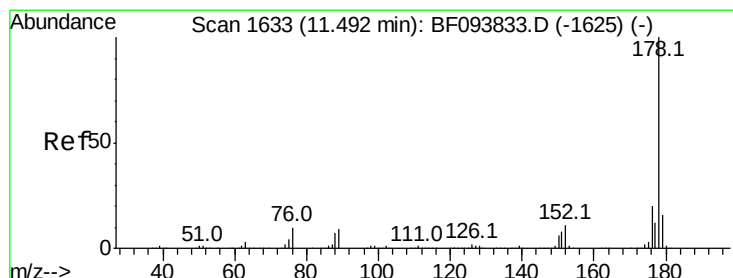
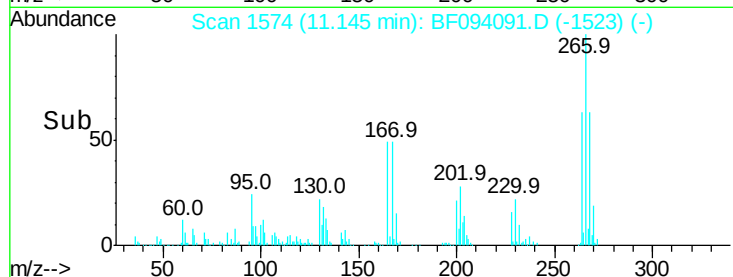
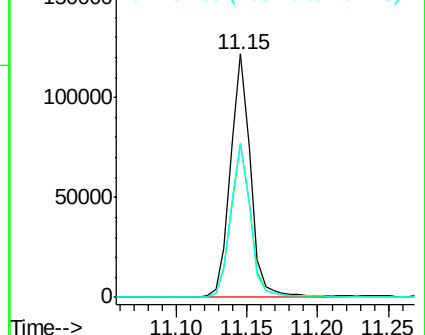
264 63.2 51.7 77.5



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: 39.57 ng

RT: 11.40 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

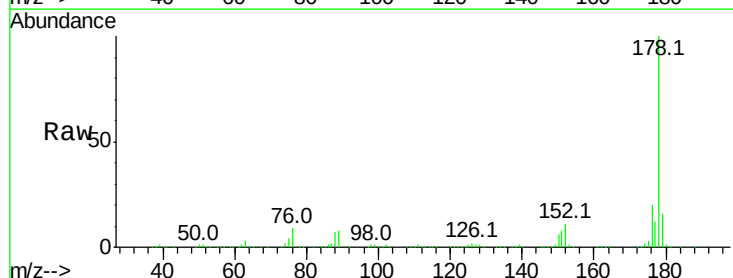
Tgt Ion:178 Resp: 1416220

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

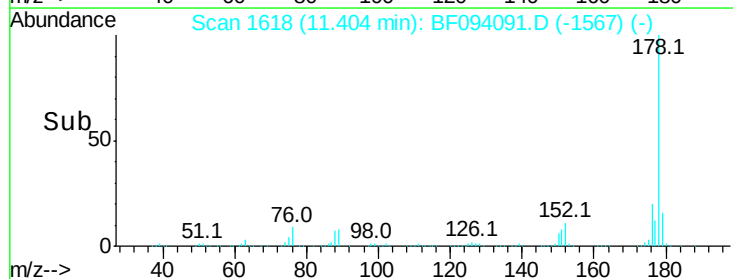
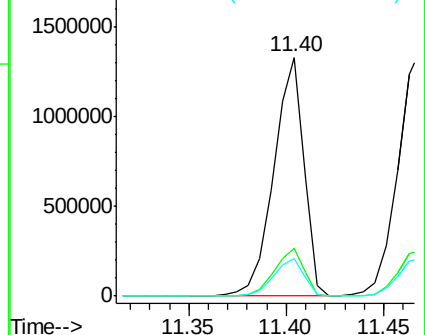
179 15.5 12.6 19.0

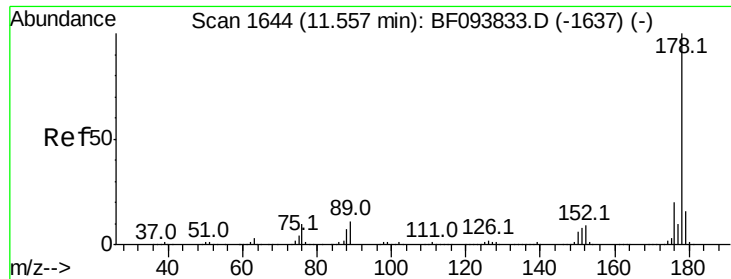


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

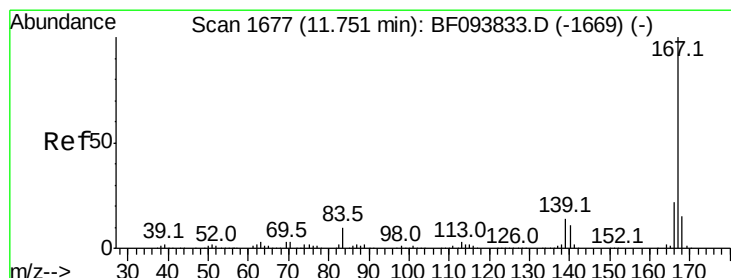
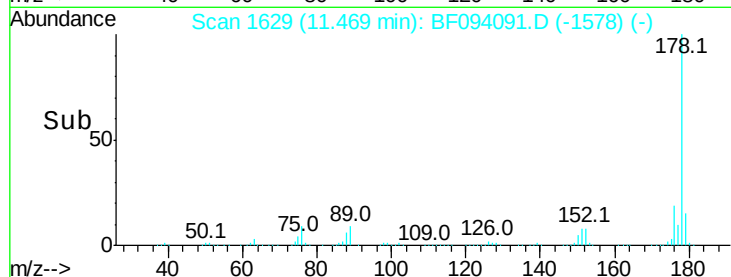
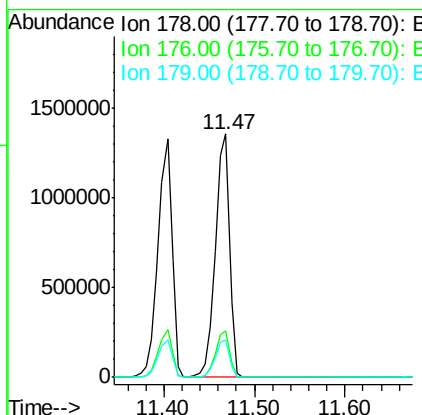
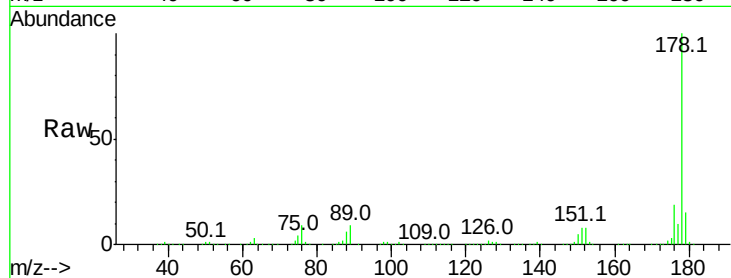




#71
 Anthracene
 Concen: 39.68 ng
 RT: 11.47 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

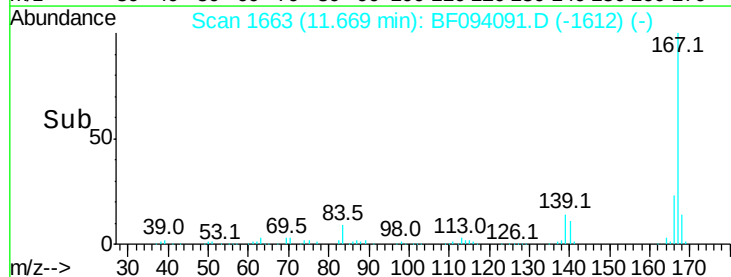
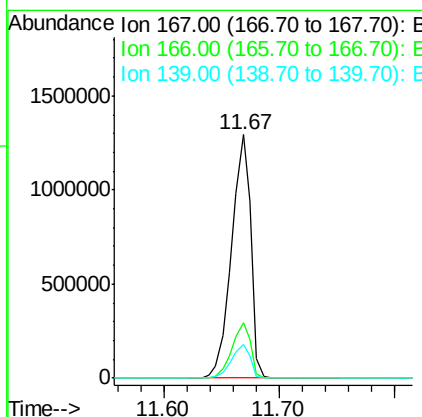
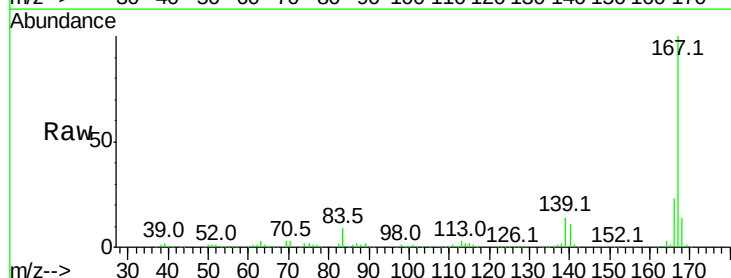
Instrument :
 BNA_F
 ClientSampleId :

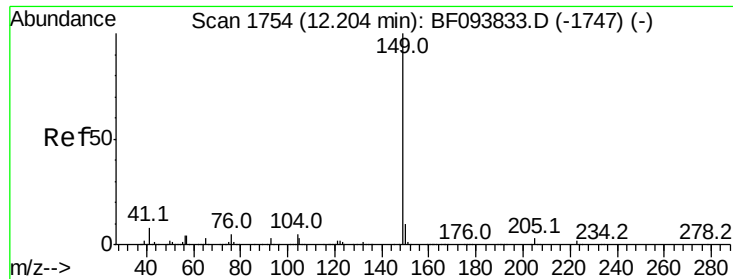
Tot Ion:178 Resp: 1462088
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 39.41 ng
 RT: 11.67 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion:167 Resp: 1489012
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.57 ng

RT: 12.12 min Scan# 1739

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

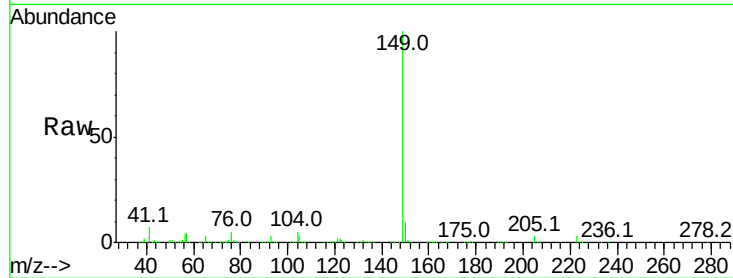
Tot Ion:149 Resp: 1594138

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

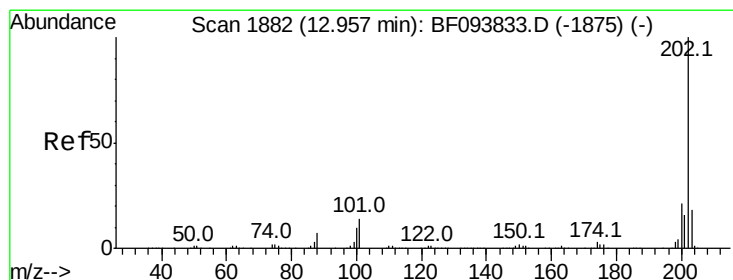
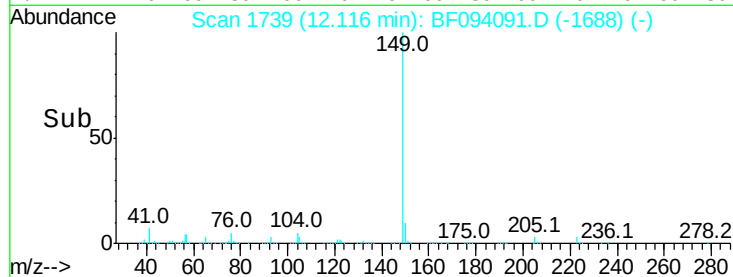
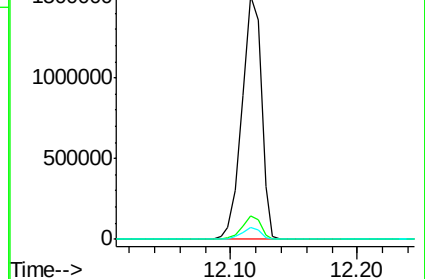
104 4.7 4.0 6.0



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: 40.03 ng

RT: 12.87 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

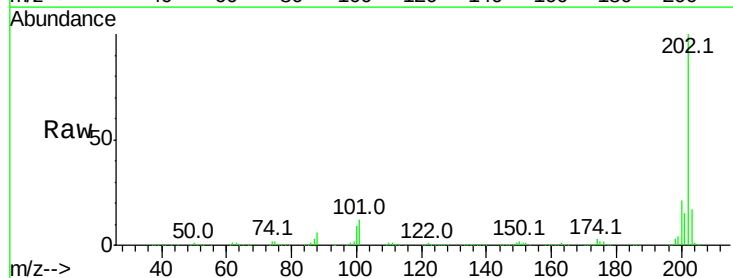
Tgt Ion:202 Resp: 1466814

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

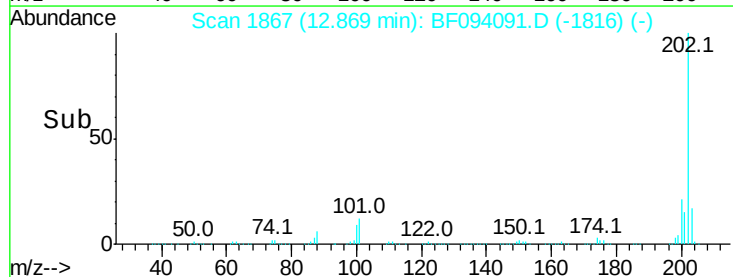
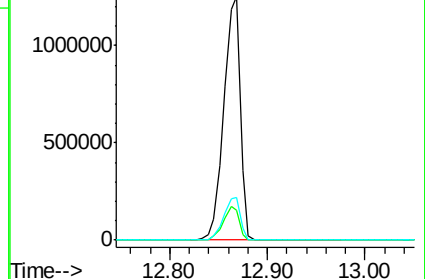
203 17.3 0.0 38.1

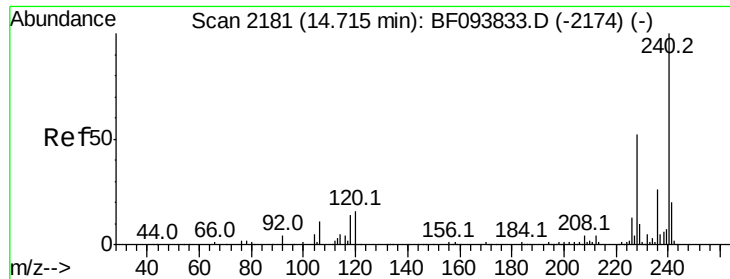


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.63 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

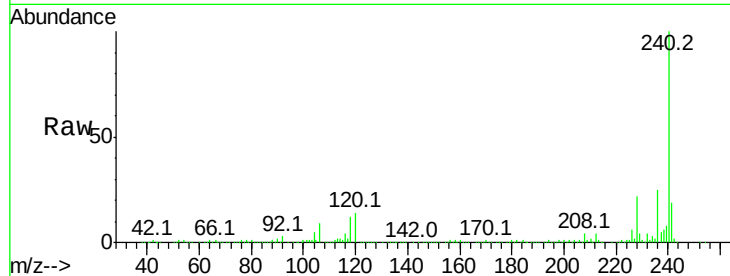
Tot Ion:240 Resp: 482858

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

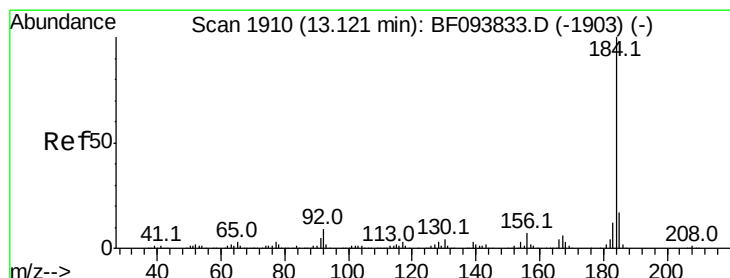
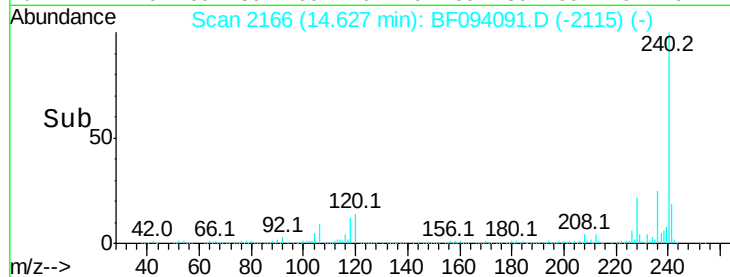
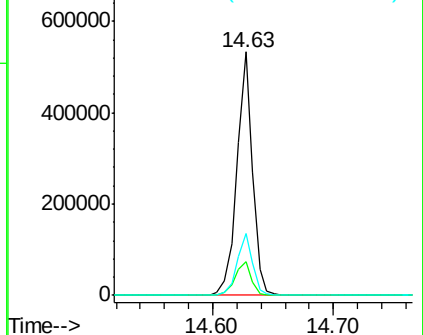
236 25.3 20.5 30.7



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: 11.21 ng

RT: 13.03 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

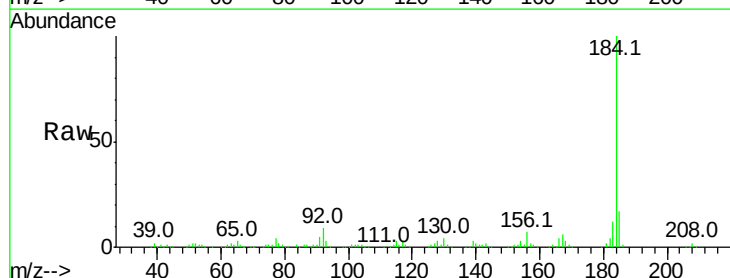
Tgt Ion:184 Resp: 214243

Ion Ratio Lower Upper

184 100

185 16.7 15.5 23.3

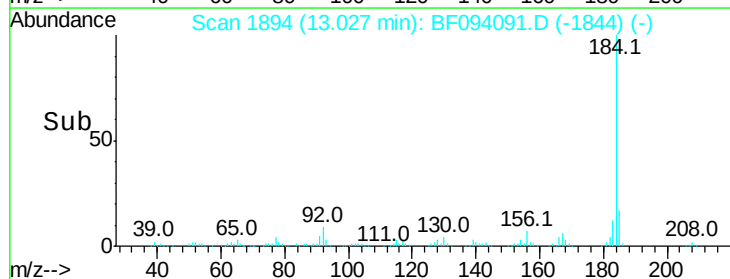
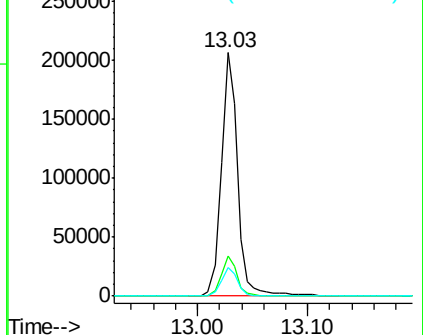
183 11.9 9.8 14.6

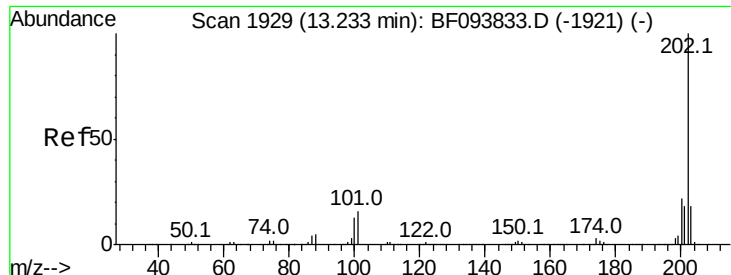


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

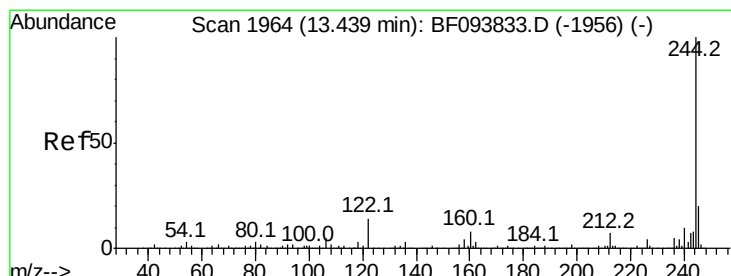
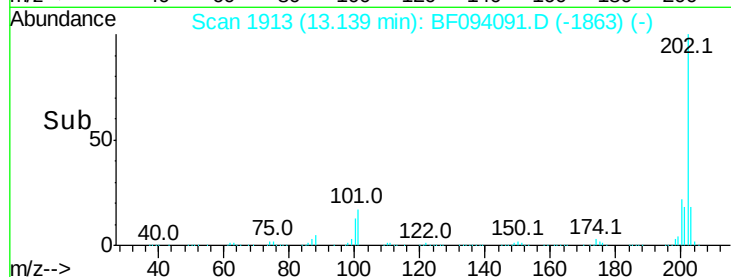
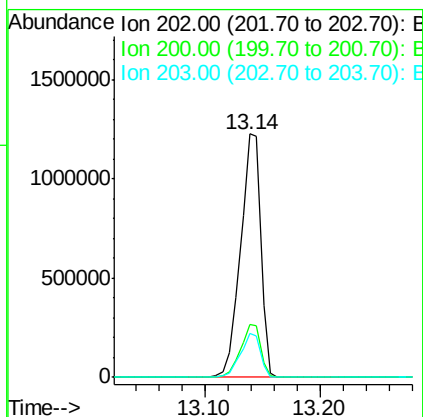
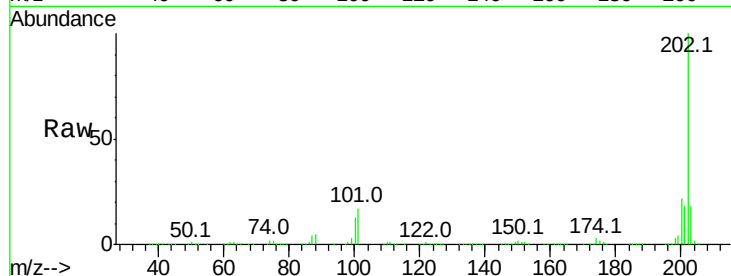




#77
 Pvrene
 Concen: 42.59 ng
 RT: 13.14 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

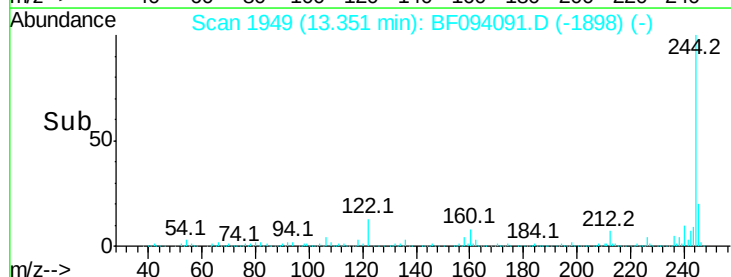
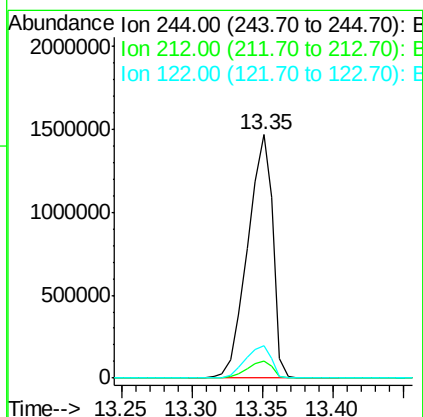
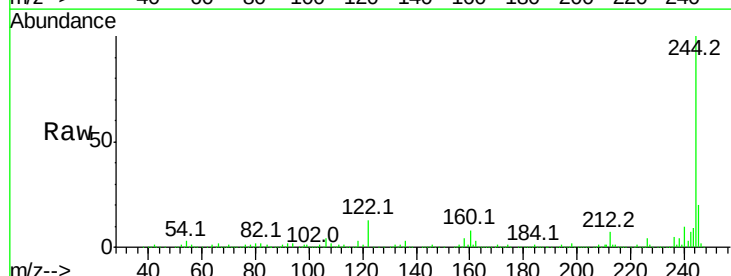
Instrument :
 BNA_F
 ClientSampleId :

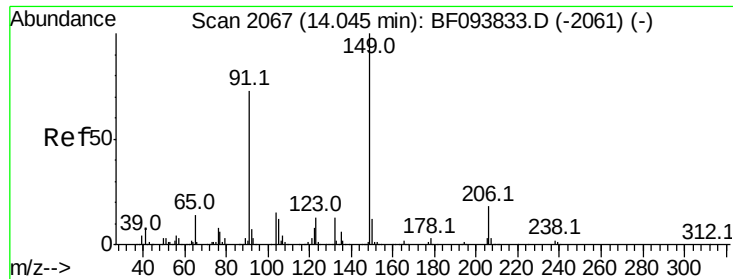
Tot Ion:202 Resp: 1492504
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.6 26.4
 203 18.0 14.4 21.6



#78
 Terphenyl-d14
 Concen: 85.07 ng
 RT: 13.35 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion:244 Resp: 1832672
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.2 10.3 15.5





#79

Butylbenzylphthalate

Concen: 44.65 ng

RT: 13.96 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

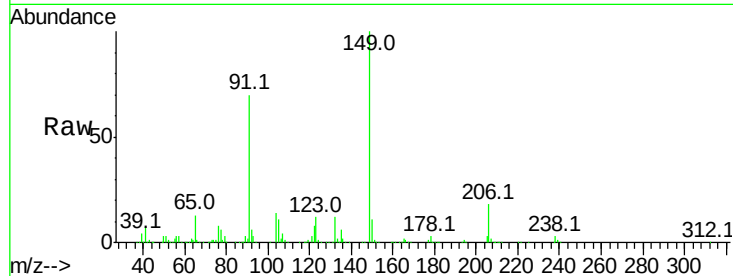
Tot Ion:149 Resp: 666619

Ion Ratio Lower Upper

149 100

91 70.5 45.0 67.4#

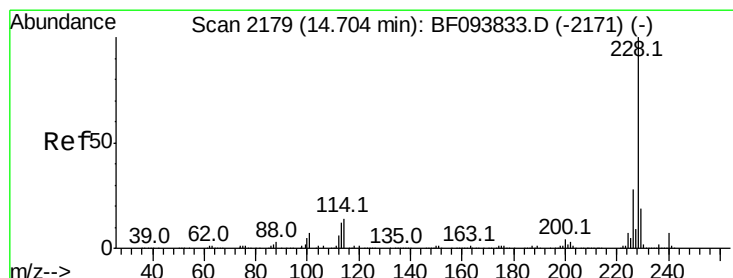
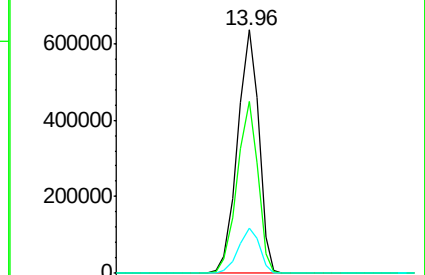
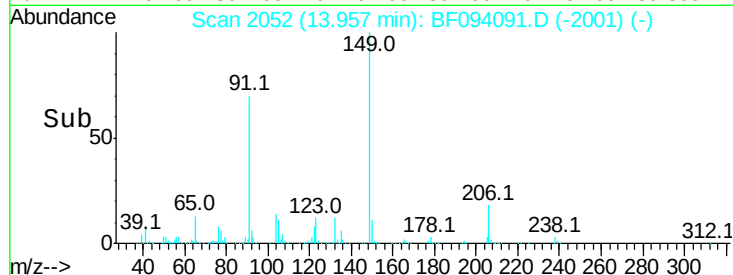
206 18.5 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.22 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

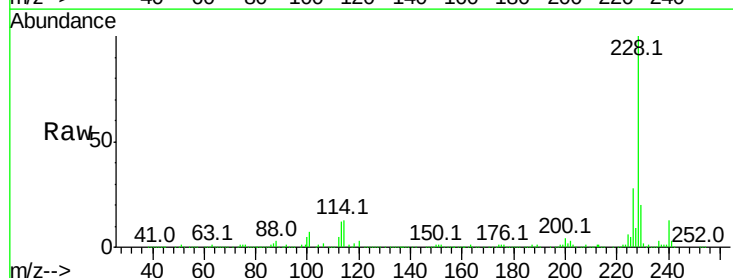
Tgt Ion:228 Resp: 1132492

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

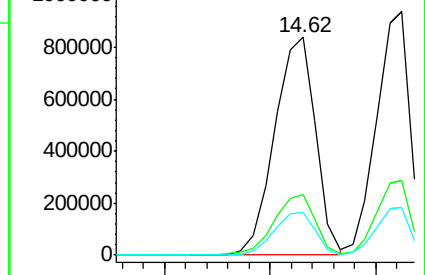
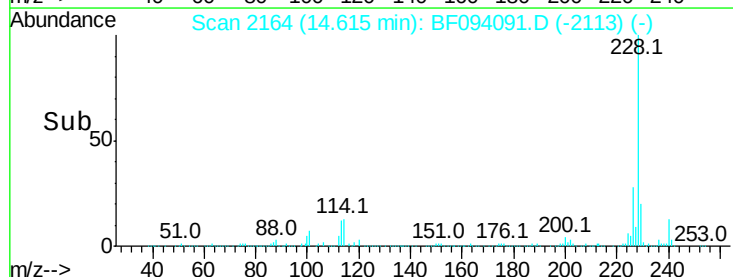
229 19.8 16.3 24.5

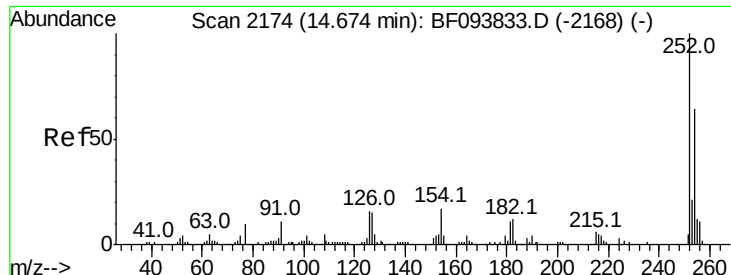


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

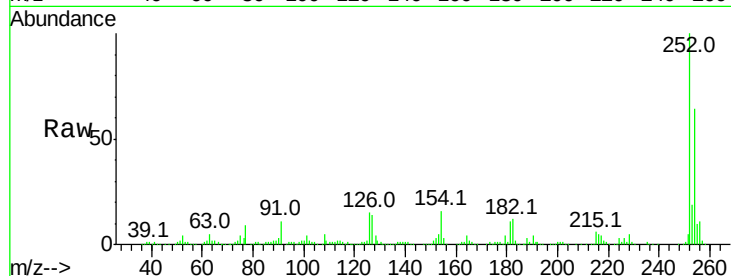




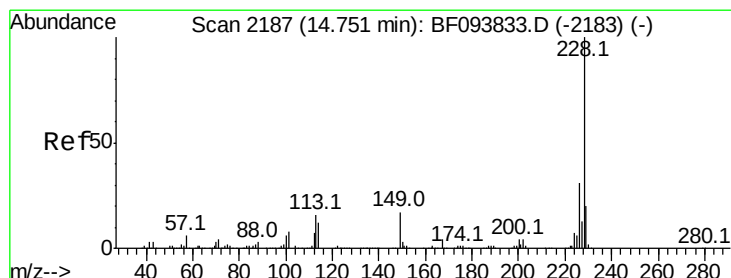
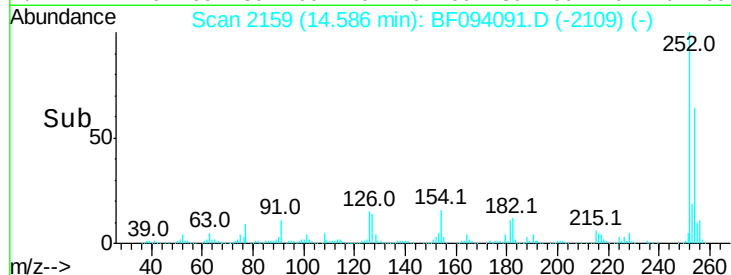
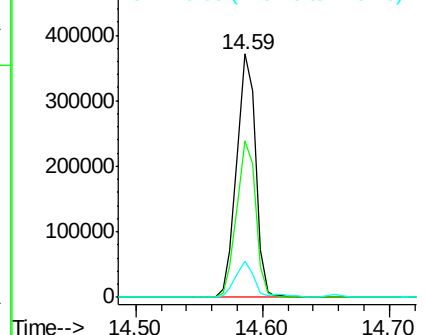
#81
 3,3'-Dichlorobenzidine
 Concen: 37.99 ng
 RT: 14.59 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	14.8	15.8	23.8#

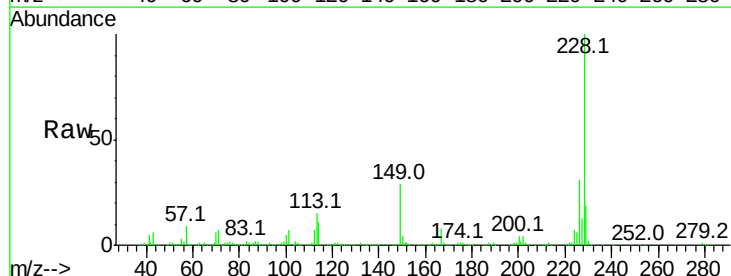


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

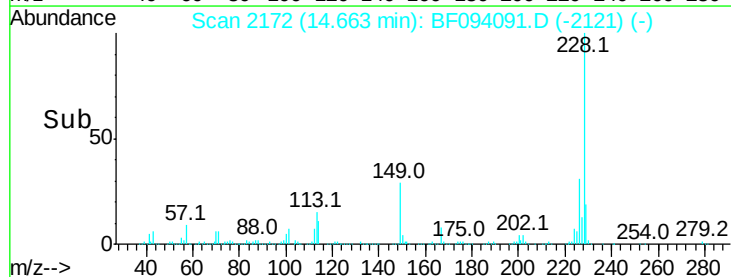
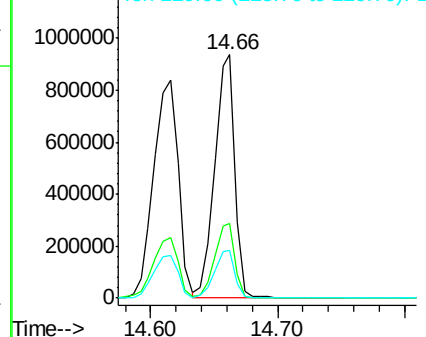


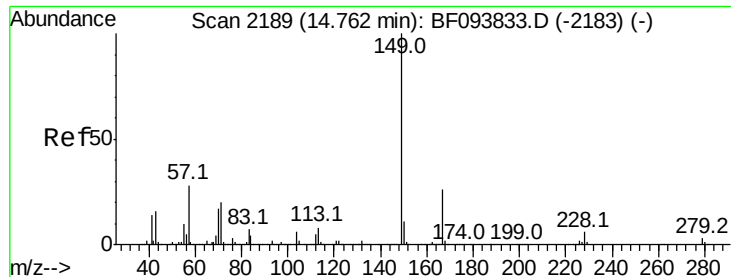
#82
 Chrysene
 Concen: 39.87 ng
 RT: 14.66 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.5	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.10 ng

RT: 14.67 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :

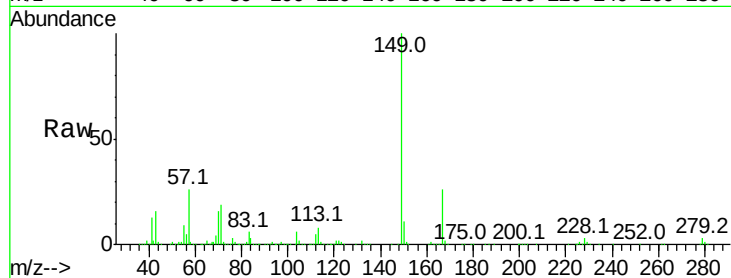
Tot Ion:149 Resp: 877927

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

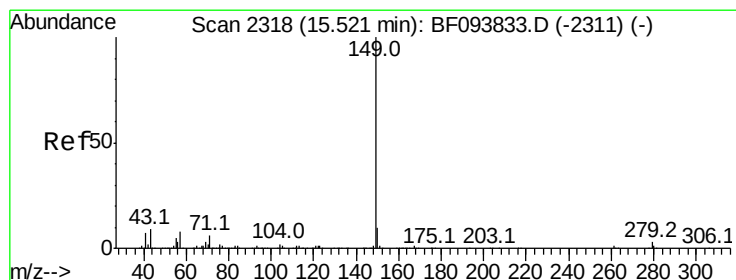
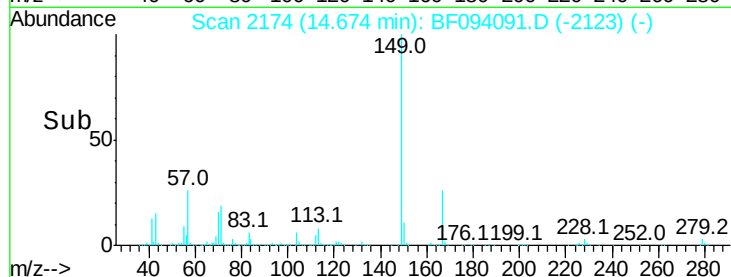
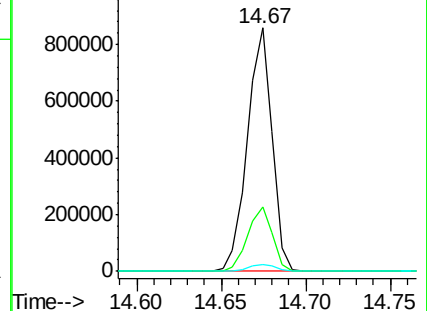
279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.79 ng

RT: 15.43 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

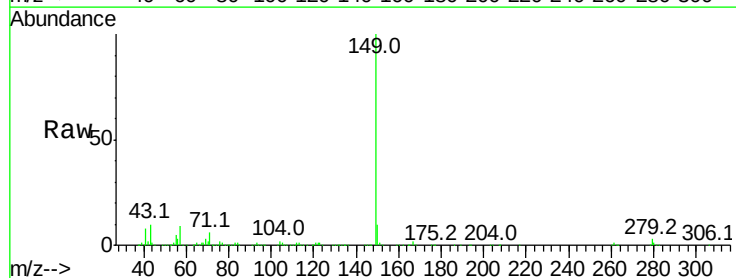
Tgt Ion:149 Resp: 1388228

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

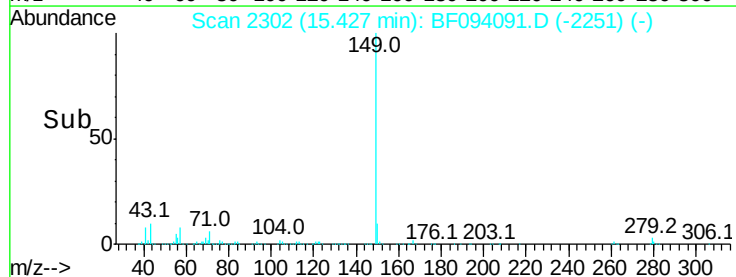
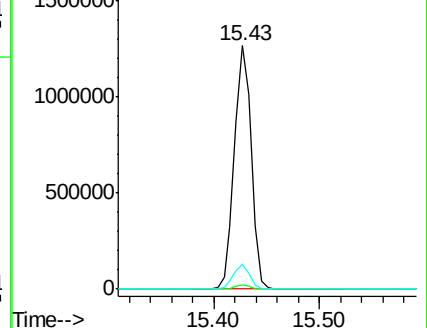
43 9.4 8.5 12.7

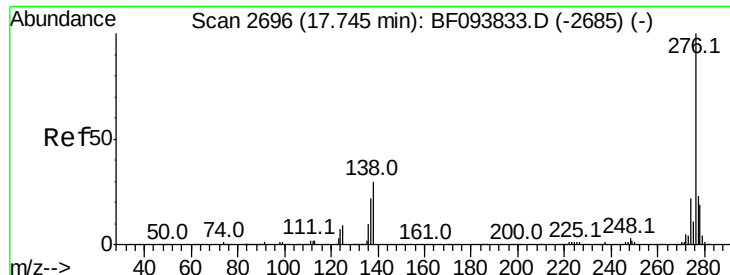


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

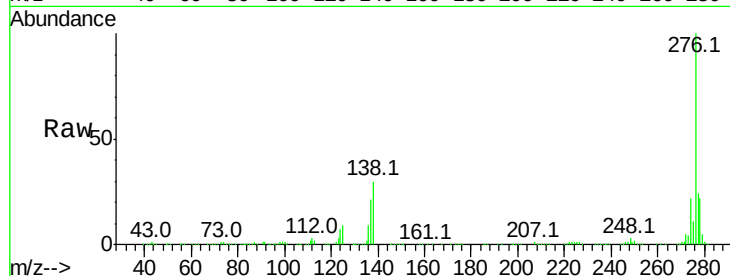




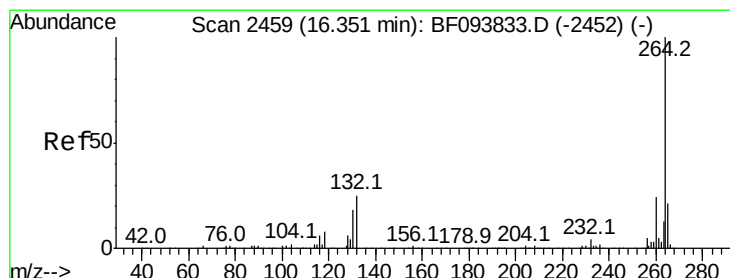
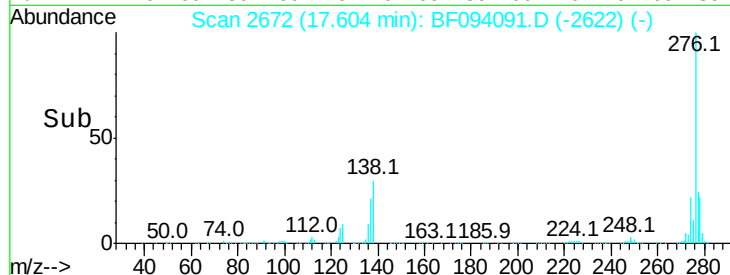
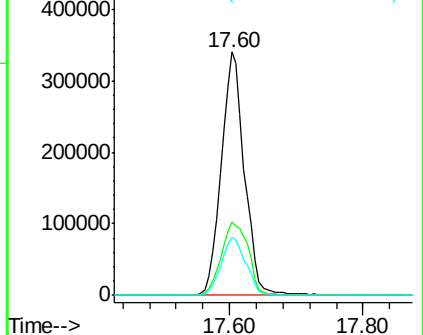
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.87 ng
 RT: 17.60 min Scan# 2672
 Delta R.T. -0.01 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 834375
 Ion Ratio Lower Upper
 276 100
 138 35.3 27.8 41.6
 277 25.4 20.2 30.4

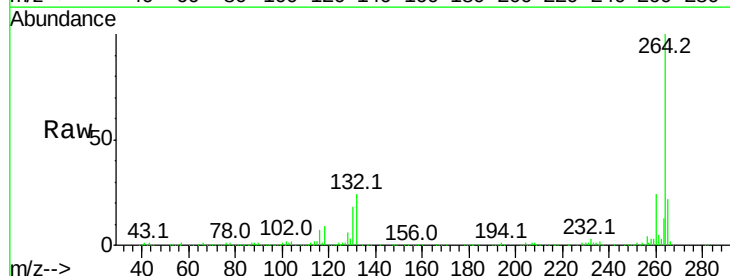


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

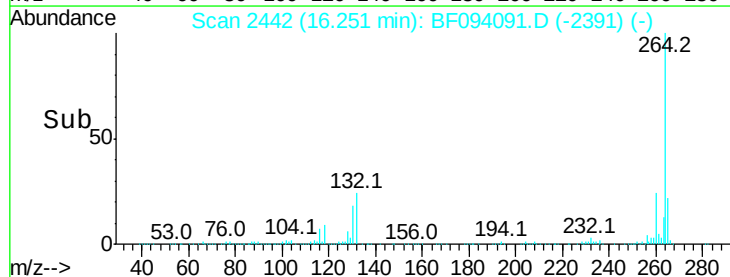
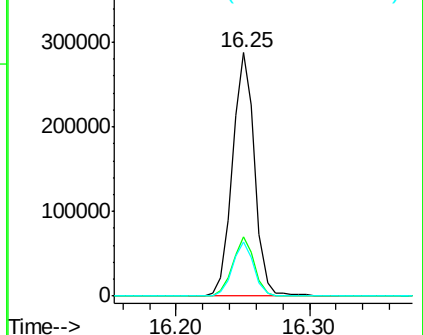


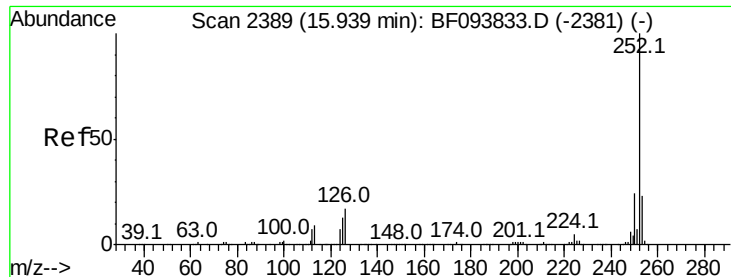
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.25 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BF094091.D
 Acq: 31 Mar 2017 12:42

Tgt Ion:264 Resp: 333884
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.0 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 43.72 ng

RT: 15.84 min Scan# 2373

Delta R.T. -0.01 min

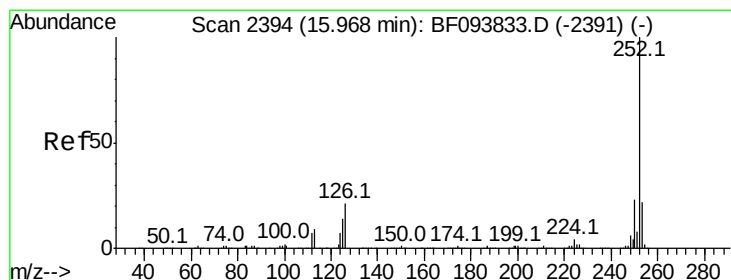
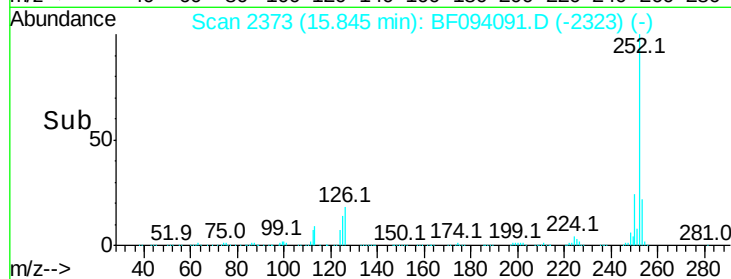
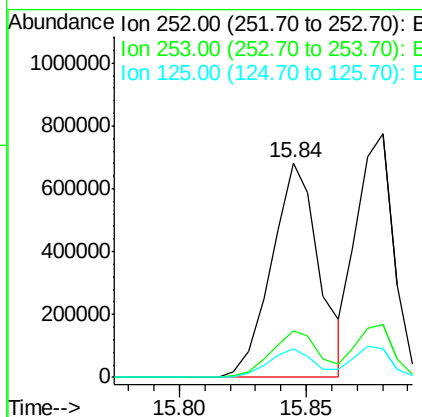
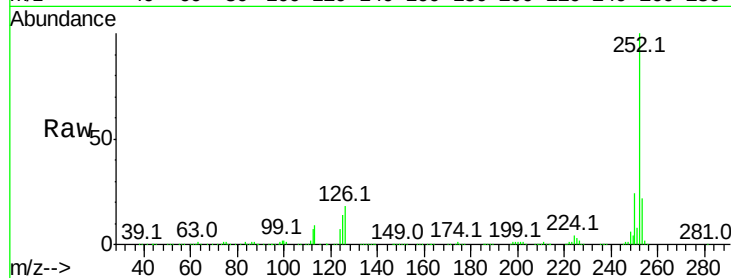
Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 894730

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	13.6	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 44.68 ng

RT: 15.84 min Scan# 2373

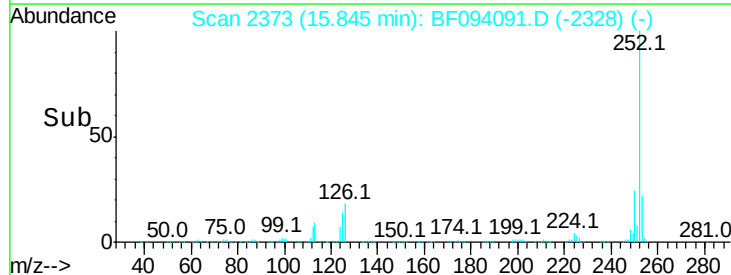
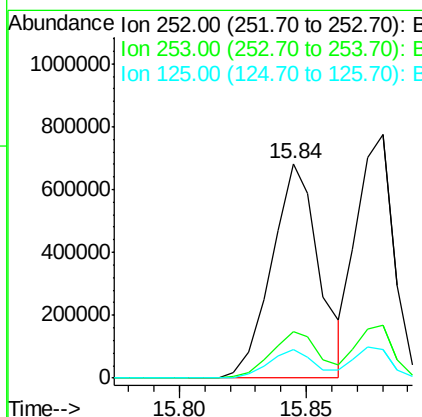
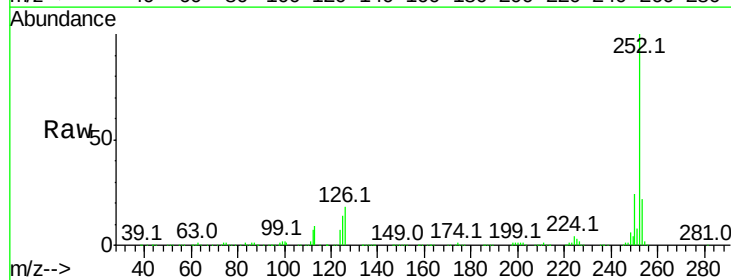
Delta R.T. -0.04 min

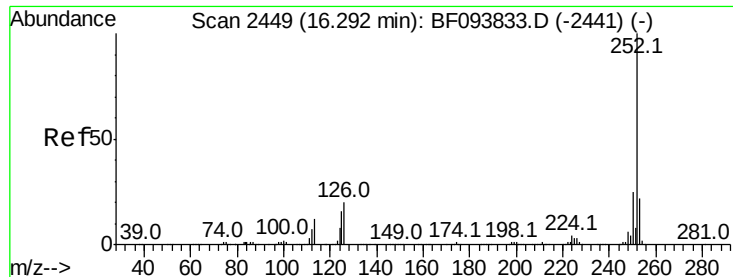
Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Tgt Ion:252 Resp: 894730

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	13.6	13.1	19.7

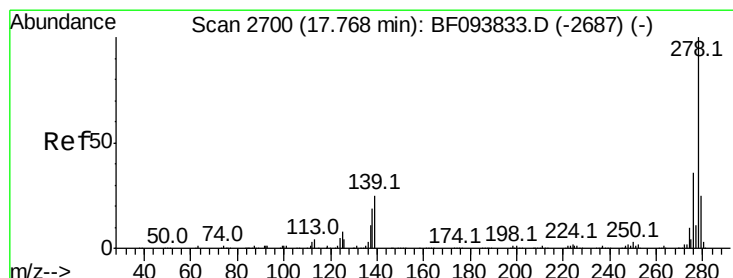
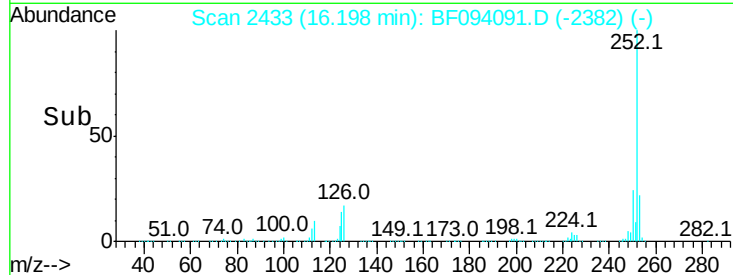
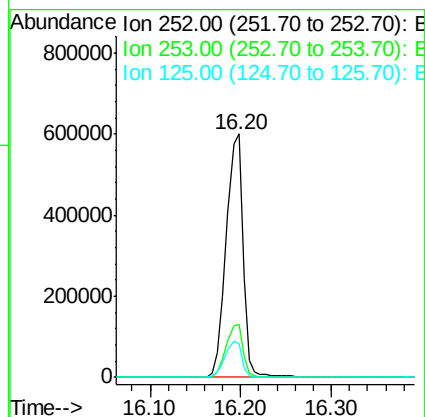
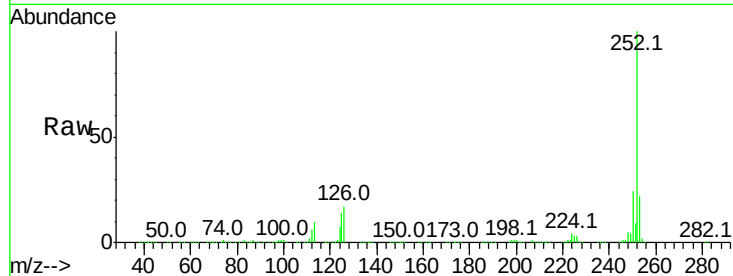




#89
Benzo(a)pyrene
Concen: 41.17 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

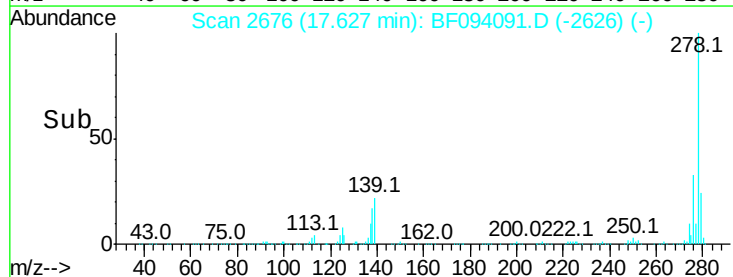
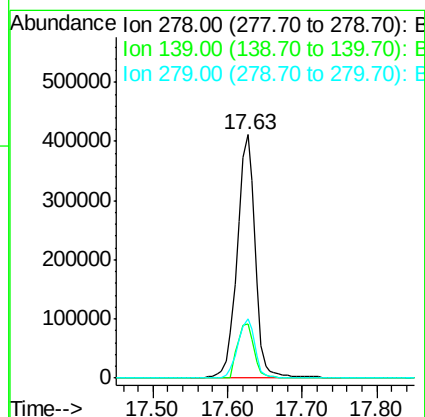
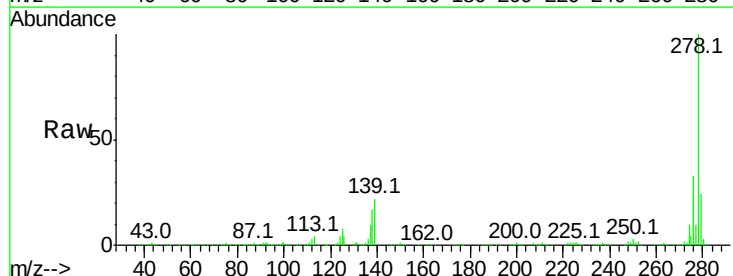
Instrument :
BNA_F
ClientSampleId :

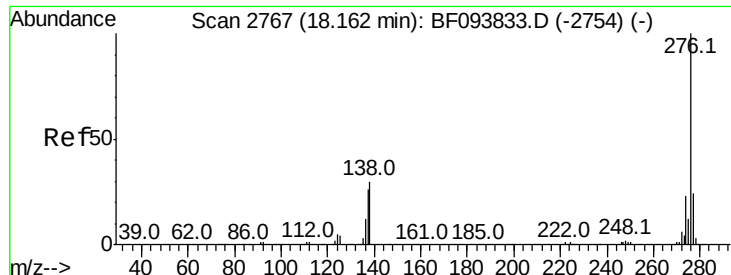
Tot Ion:252 Resp: 775959
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 13.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 43.57 ng
RT: 17.63 min Scan# 2676
Delta R.T. -0.01 min
Lab File: BF094091.D
Acq: 31 Mar 2017 12:42

Tgt Ion:278 Resp: 695499
Ion Ratio Lower Upper
278 100
139 22.3 16.6 24.8
279 24.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 44.79 ng

RT: 18.00 min Scan# 2740

Delta R.T. -0.01 min

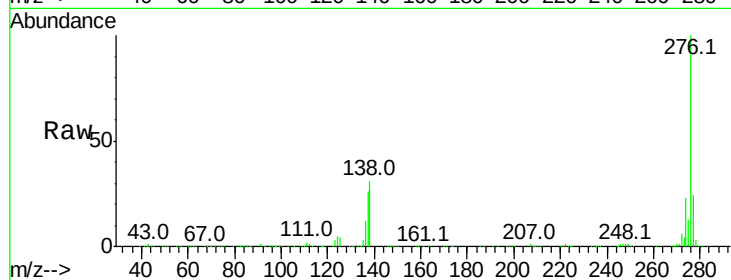
Lab File: BF094091.D

Acq: 31 Mar 2017 12:42

Instrument :

BNA_F

ClientSampleId :



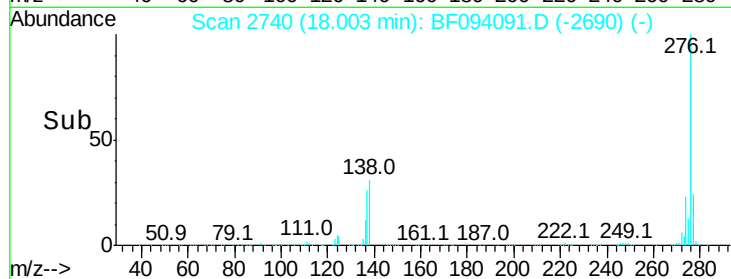
Tot Ion: 276 Resp: 720438

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 30.7 25.4 38.0



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

