

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094713.D
 Acq On : 30 Apr 2017 14:37
 Operator : SJ/MA
 Sample : PB98552BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:18:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113447	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	463009	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	219160	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	402950	20.00	ng	0.00
75) Chrysene-d12	14.47	240	316627	20.00	ng	0.00
86) Perylene-d12	16.09	264	215319	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	576294	84.28	ng	0.03
7) Phenol-d6	5.40	99	678103	84.12	ng	0.00
23) Nitrobenzene-d5	6.42	82	615860	82.13	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	157726	92.01	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1209236	81.18	ng	0.00
78) Terphenyl-d14	13.19	244	1100192	92.88	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	99236	24.95	ng	97
3) Pyridine	2.65	79	285224	32.82	ng	99
4) n-Nitrosodimethylamine	2.63	42	128953	35.86	ng	86
6) Aniline	5.40	93	291412	27.20	ng	# 79
8) 2-Chlorophenol	5.54	128	323871	41.62	ng	96
9) Benzaldehyde	5.27	77	64507	10.52	ng	99
10) Phenol	5.41	94	394081	39.79	ng	93
11) bis(2-Chloroethyl)ether	5.48	93	286564	39.61	ng	95
12) 1,3-Dichlorobenzene	5.70	146	336210	39.00	ng	98
13) 1,4-Dichlorobenzene	5.79	146	337721	38.94	ng	98
14) 1,2-Dichlorobenzene	5.96	146	317309	39.72	ng	98
15) Benzyl Alcohol	5.95	79	246716	41.26	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	373876	39.42	ng	# 36
17) 2-Methylphenol	6.09	107	260799	42.56	ng	93
18) Hexachloroethane	6.35	117	115680	38.91	ng	89
19) n-Nitroso-di-n-propylamine	6.26	70	222059	41.57	ng	93
20) 3+4-Methylphenols	6.27	107	361898	43.46	ng	# 61
22) Acetophenone	6.24	105	451261	40.08	ng	# 85
24) Nitrobenzene	6.44	77	313543	39.71	ng	93
25) Isophorone	6.73	82	576674	41.49	ng	95
26) 2-Nitrophenol	6.81	139	178610	42.10	ng	97
27) 2,4-Dimethylphenol	6.89	122	289292	41.98	ng	95
28) bis(2-Chloroethoxy)methane	6.99	93	372976	41.48	ng	99
29) 2,4-Dichlorophenol	7.11	162	283161	44.17	ng	97
30) 1,2,4-Trichlorobenzene	7.20	180	267242	40.32	ng	99
31) Naphthalene	7.29	128	905572	40.68	ng	99
32) Benzoic acid	7.05	122	73219	20.09	ng	92
33) 4-Chloroaniline	7.37	127	77404	8.36	ng	# 93
34) Hexachlorobutadiene	7.44	225	134637	40.75	ng	98
35) Caprolactam	7.83	113	46826	23.25	ng	95
36) 4-Chloro-3-methylphenol	8.00	107	291668	43.42	ng	93
37) 2-Methylnaphthalene	8.12	142	640515	42.06	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	250552	40.15	ng	100
40) Hexachlorocyclopentadiene	8.32	237	201944	79.99	ng	100

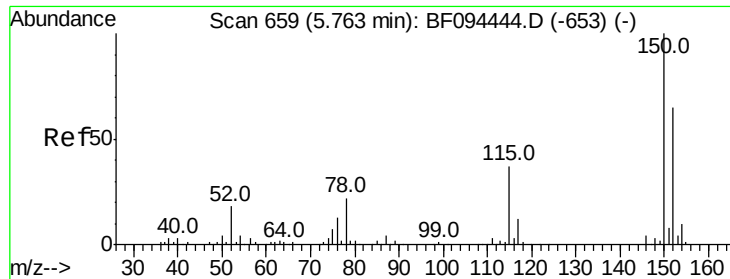
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094713.D
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Quant Time: May 01 01:18:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	189161	43.16	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	196377	43.63	nq	95
45) 1,1'-Biphenyl	8.70	154	733505	40.96	nq	98
46) 2-Chloronaphthalene	8.72	162	585139	41.10	nq	95
47) 2-Nitroaniline	8.86	65	166993	40.77	nq	87
48) Acenaphthylene	9.22	152	924518	41.65	nq	99
49) Dimethylphthalate	9.10	163	725628	44.43	nq	99
50) 2,6-Dinitrotoluene	9.17	165	162063	44.21	nq	# 89
51) Acenaphthene	9.44	154	548081	41.23	nq	99
52) 3-Nitroaniline	9.37	138	80912	19.08	nq	90
53) 2,4-Dinitrophenol	9.52	184	68254	37.60	nq	# 67
54) Dibenzofuran	9.65	168	826492	42.78	nq	98
55) 4-Nitrophenol	9.65	139	517371	172.66	nq	# 39
56) 2,4-Dinitrotoluene	9.67	165	210586	46.82	nq	98
57) Fluorene	10.07	166	639204	42.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	141268	43.79	nq	# 95
59) Diethylphthalate	9.97	149	679169	44.07	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	279127	44.58	nq	93
61) 4-Nitroaniline	10.13	138	157964	36.64	nq	96
62) Azobenzene	10.28	77	642099	42.91	nq	92
64) 4,6-Dinitro-2-methylphenol	10.17	198	70772	26.81	nq	# 69
65) n-Nitrosodiphenylamine	10.23	169	590121	42.11	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	173510	43.36	nq	97
67) Hexachlorobenzene	10.75	284	172332	42.74	nq	# 93
68) Atrazine	10.91	200	163681	39.04	nq	97
69) Pentachlorophenol	11.01	266	122740	76.66	nq	99
70) Phenanthrene	11.25	178	934159	41.17	nq	99
71) Anthracene	11.31	178	967072	41.20	nq	99
72) Carbazole	11.52	167	895820	40.66	nq	97
73) Di-n-butylphthalate	11.97	149	1112397	45.86	nq	98
74) Fluoranthene	12.71	202	985759	41.92	nq	98
76) Benzidine	12.88	184	331078	25.82	nq	# 93
77) Pyrene	12.99	202	981401	44.36	nq	98
79) Butylbenzylphthalate	13.81	149	463054	47.76	nq	88
80) Benzo(a)anthracene	14.46	228	787816	42.81	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	181418	27.85	nq	# 95
82) Chrysene	14.51	228	688186	40.92	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	640541	49.21	nq	# 100
84) Di-n-octyl phthalate	15.27	149	1013458	46.42	nq	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	545562	34.09	nq	99
87) Benzo(b)fluoranthene	15.69	252	631921	47.98	nq	98
88) Benzo(k)fluoranthene	15.69	252	631921	50.70	nq	96
89) Benzo(a)pyrene	16.04	252	530788	43.32	nq	99
90) Dibenzo(a,h)anthracene	17.39	278	454046	44.62	nq	97
91) Benzo(g,h,i)perylene	17.76	276	454281	43.85	nq	96

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

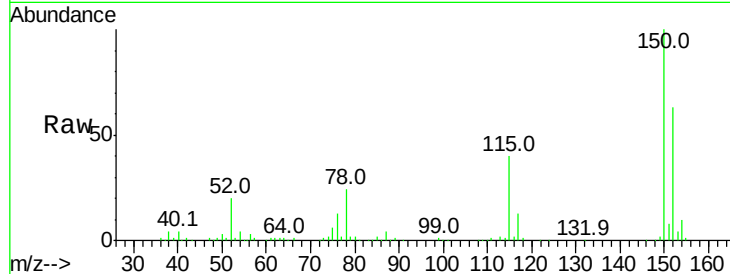


#1

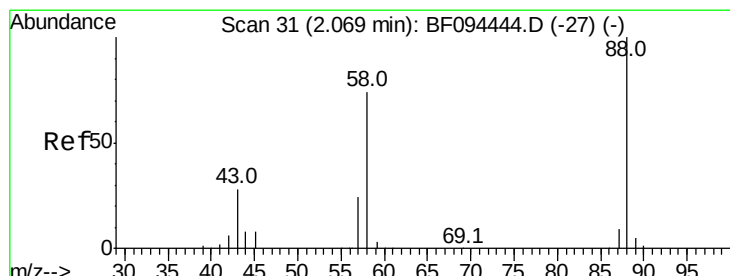
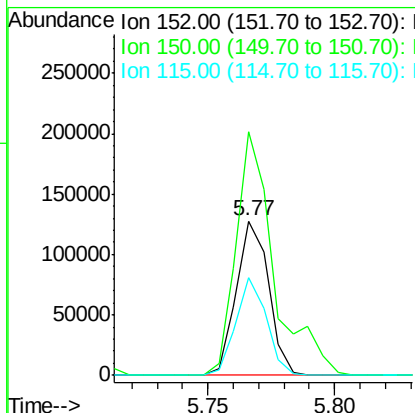
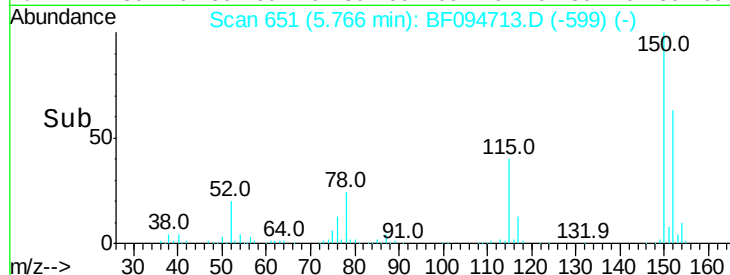
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113447
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 63.1 52.2 78.2



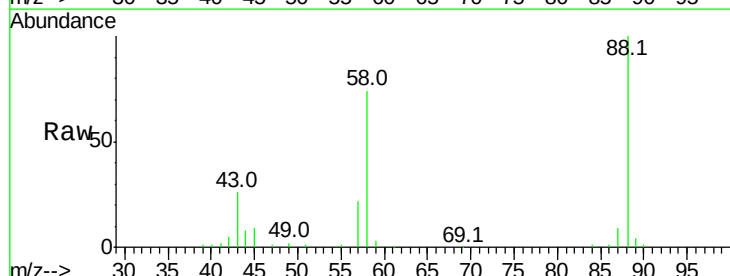
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



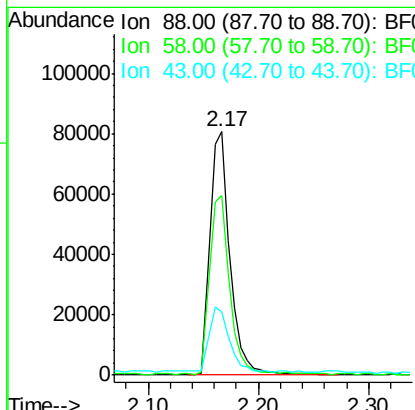
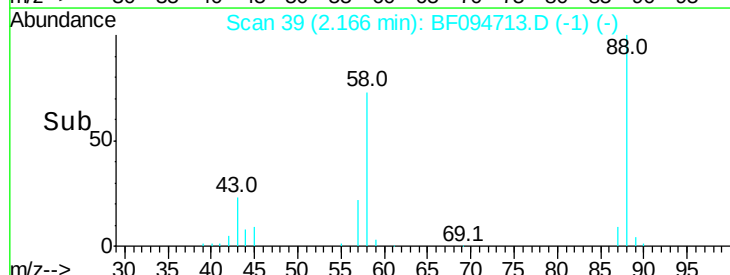
#2

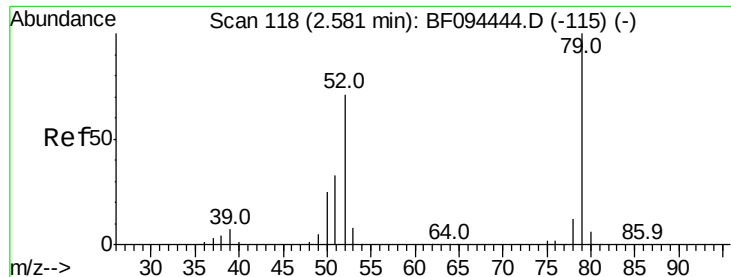
1,4-Dioxane
Concen: 24.95 ng
RT: 2.17 min Scan# 39
Delta R.T. 0.10 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion: 88 Resp: 99236
Ion Ratio Lower Upper
88 100
58 74.9 61.4 92.0
43 26.8 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: 32.82 ng

RT: 2.65 min Scan# 122

Delta R.T. 0.07 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampled :

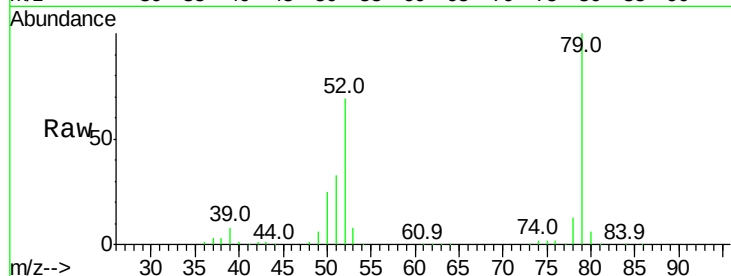
Tot Ion: 79 Resp: 285224

Ion Ratio Lower Upper

79 100

52 69.3 54.8 82.2

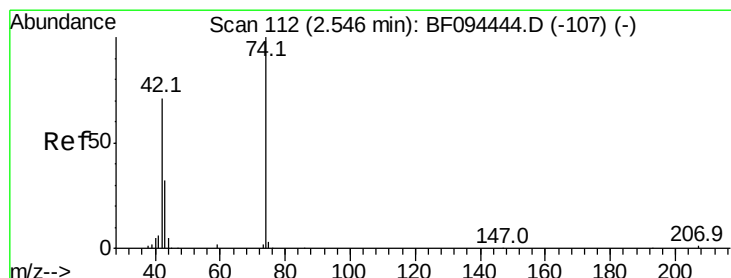
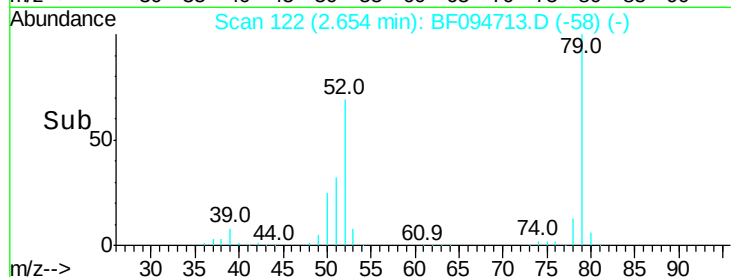
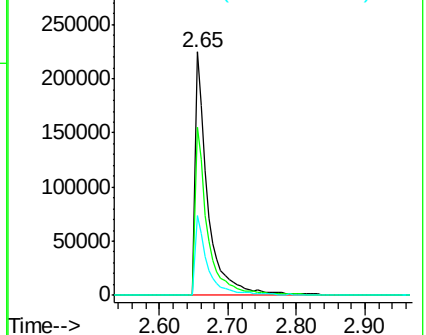
51 32.6 27.0 40.4



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: 35.86 ng

RT: 2.63 min Scan# 117

Delta R.T. 0.08 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

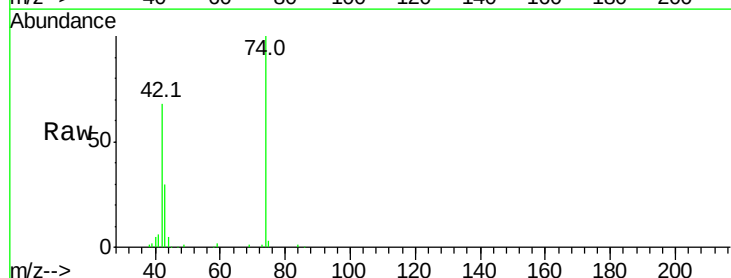
Tgt Ion: 42 Resp: 128953

Ion Ratio Lower Upper

42 100

74 147.0 103.9 155.9

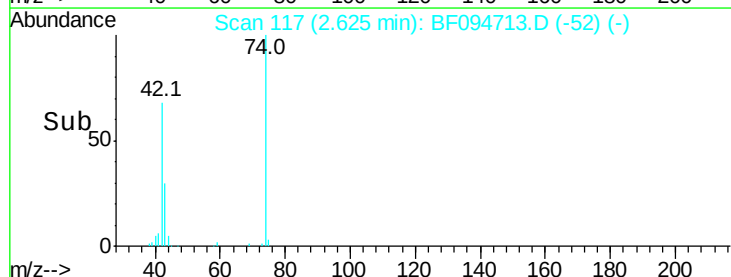
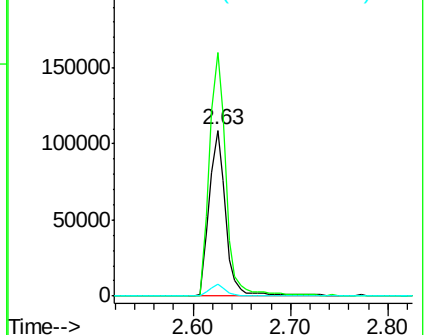
44 7.0 5.7 8.5

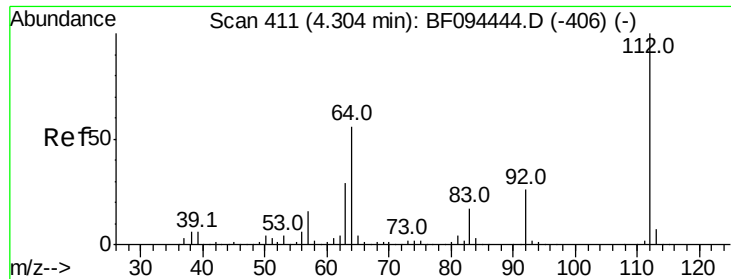


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.28 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampled :

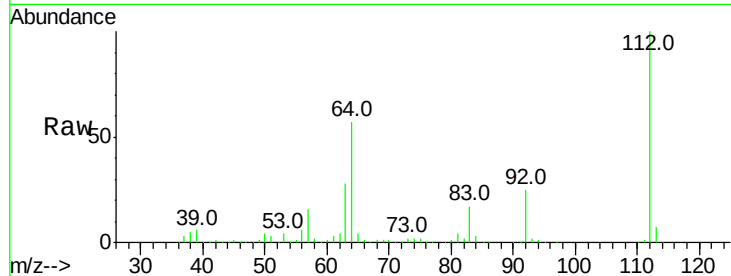
Tot Ion:112 Resp: 576294

Ion Ratio Lower Upper

112 100

64 56.8 46.0 69.0

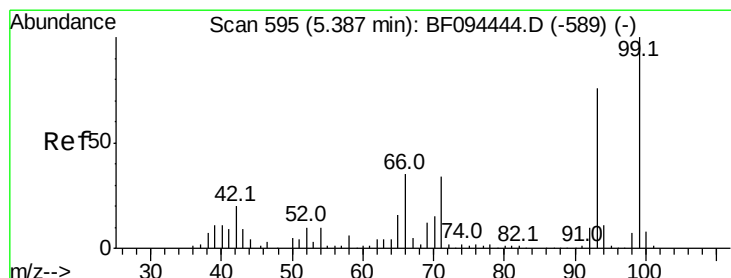
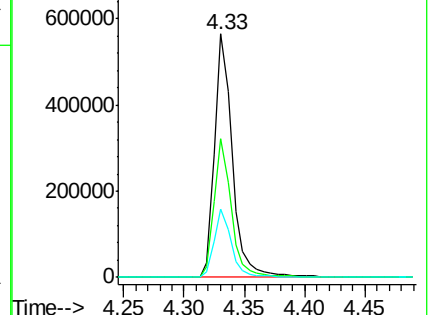
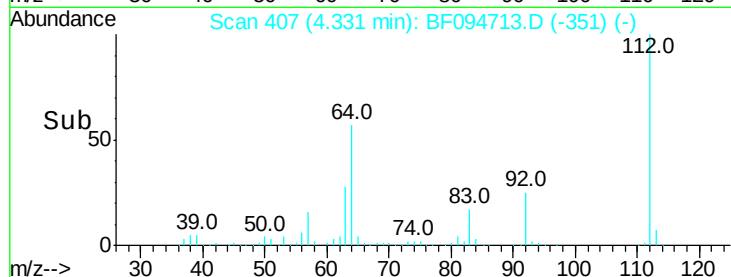
63 28.1 23.4 35.0



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: 27.20 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

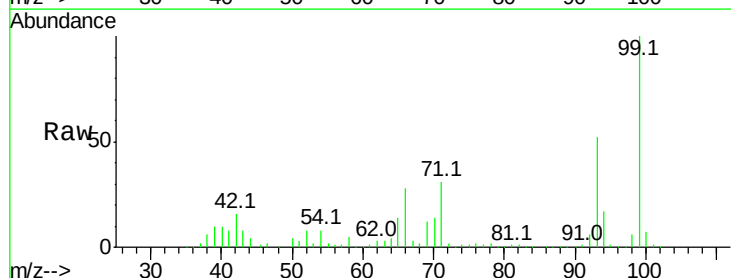
Tgt Ion: 93 Resp: 291412

Ion Ratio Lower Upper

93 100

66 55.3 32.9 49.3#

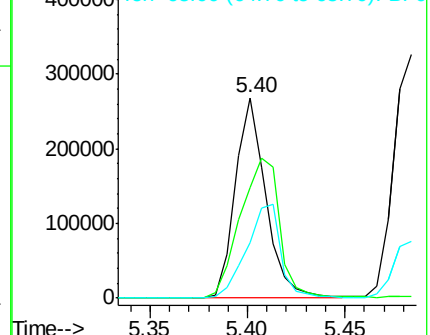
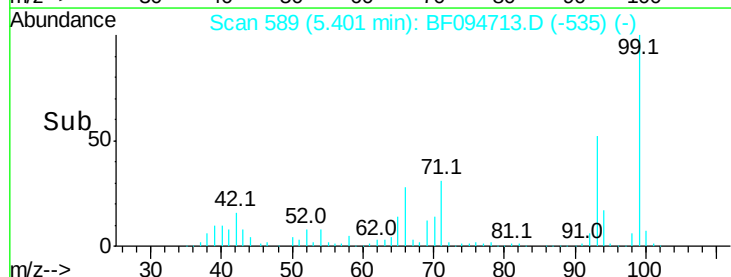
65 27.7 16.0 24.0#

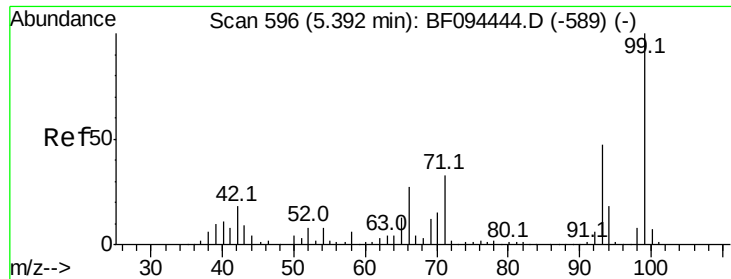


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.12 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

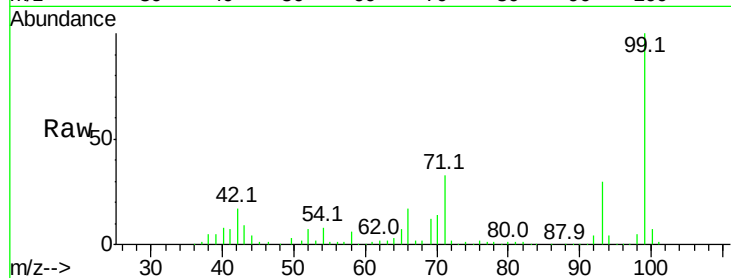
Tot Ion: 99 Resp: 678103

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

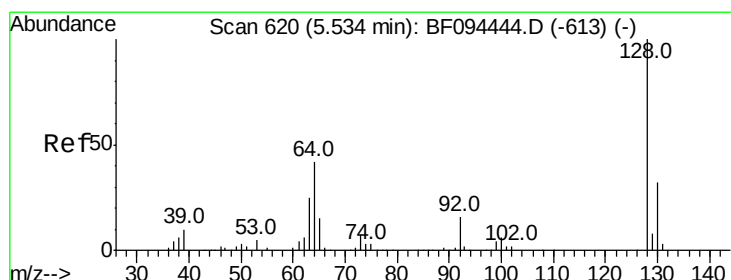
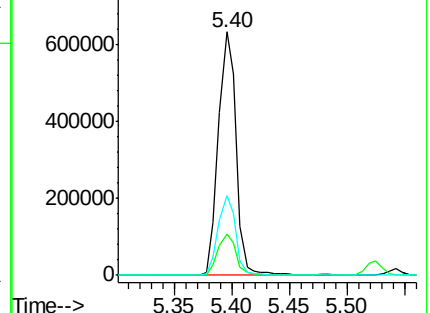
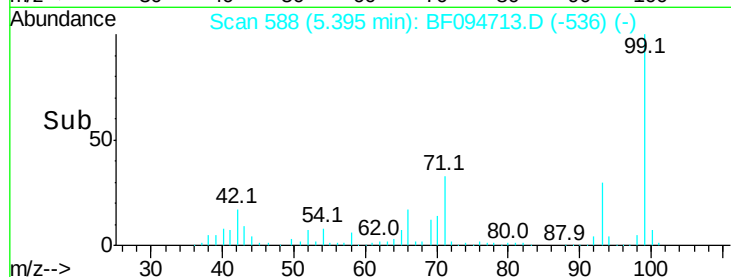
71 32.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.62 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

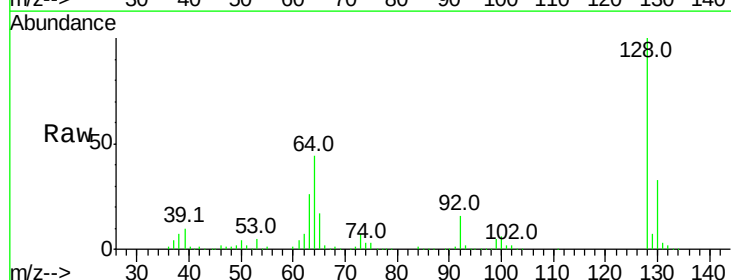
Tgt Ion:128 Resp: 323871

Ion Ratio Lower Upper

128 100

130 33.5 12.9 52.9

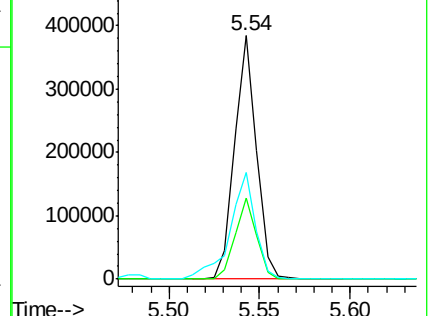
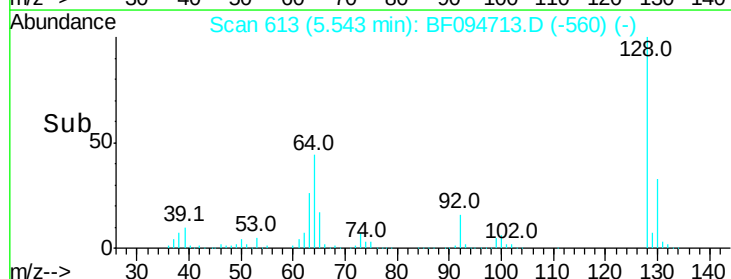
64 43.9 28.4 68.4

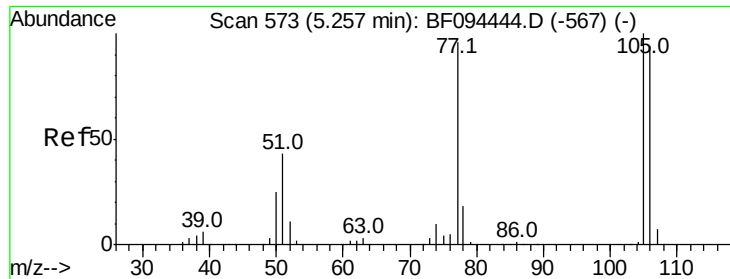


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.52 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampled :

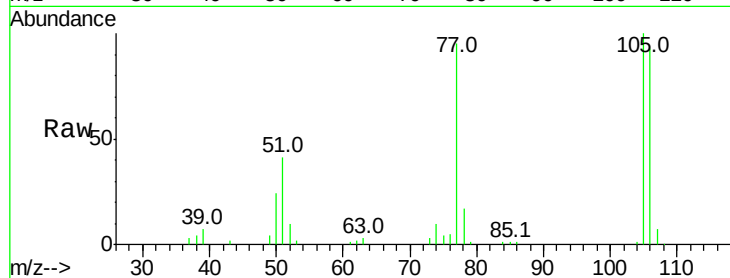
Tot Ion: 77 Resp: 64507

Ion Ratio Lower Upper

77 100

105 105.3 83.8 123.8

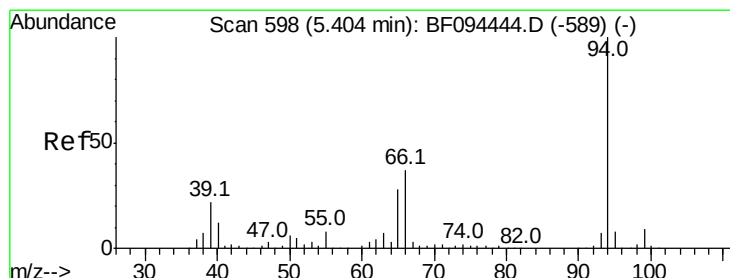
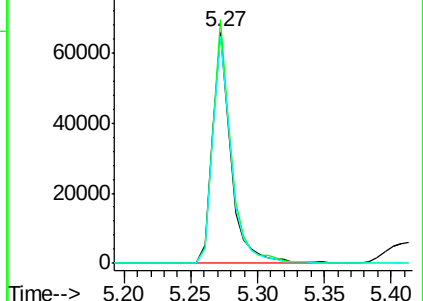
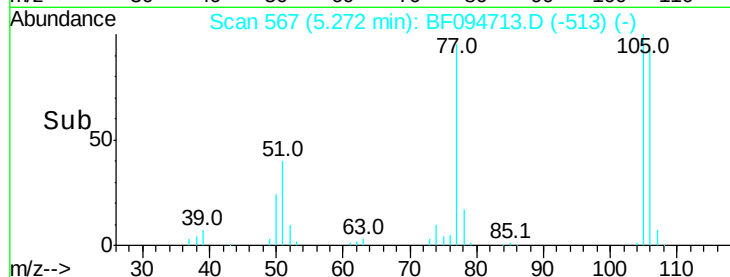
106 97.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.79 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

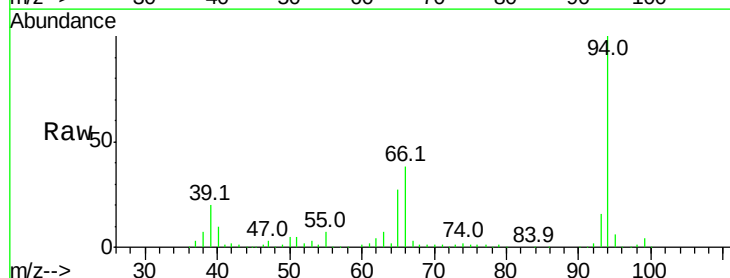
Tgt Ion: 94 Resp: 394081

Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

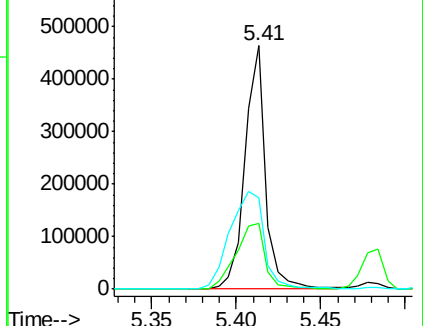
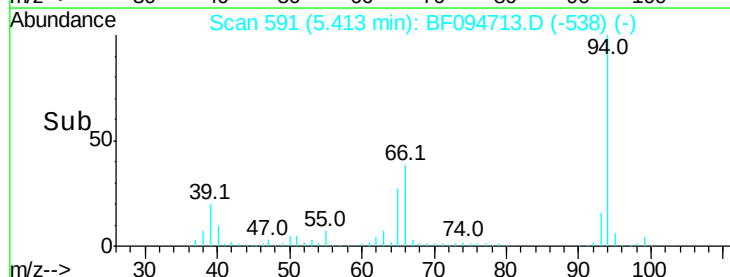
66 37.7 23.1 63.1

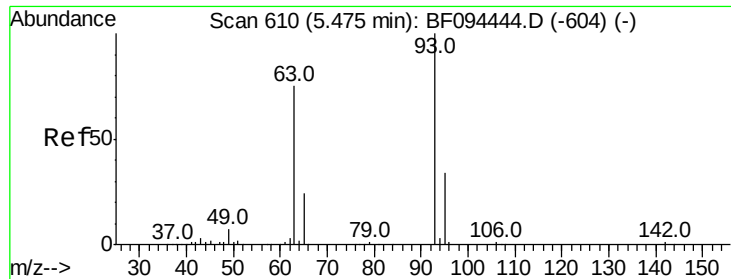


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.61 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

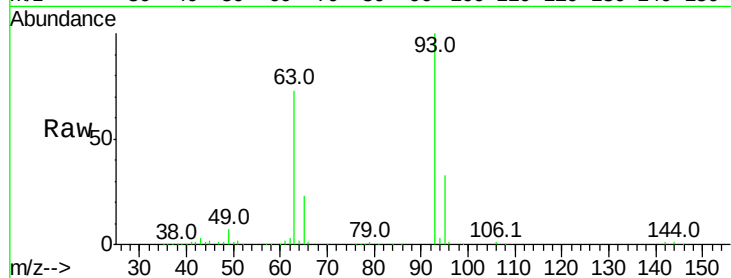
Tot Ion: 93 Resp: 286564

Ion Ratio Lower Upper

93 100

63 73.1 59.2 99.2

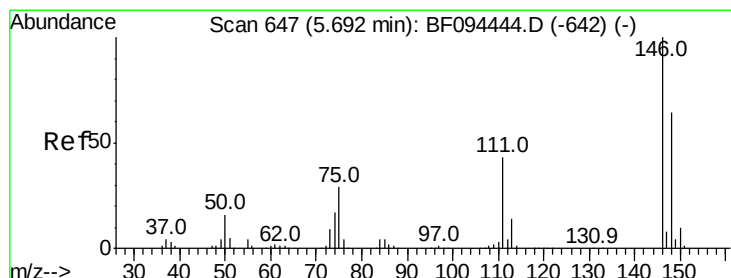
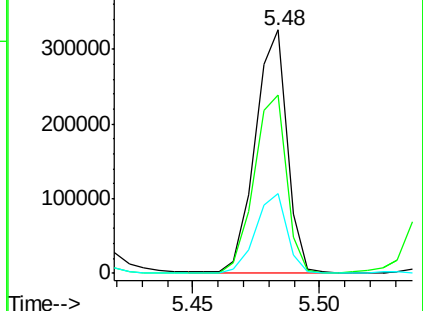
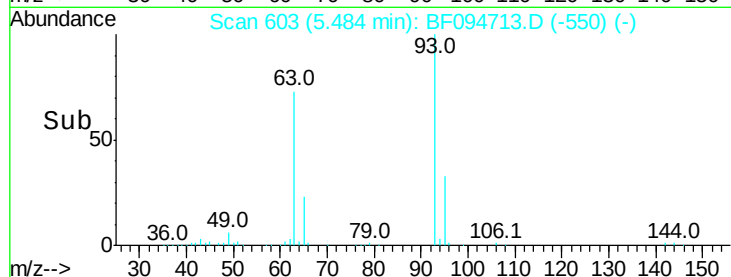
95 32.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.00 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

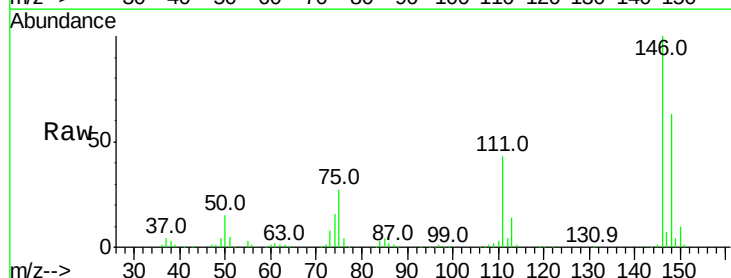
Tgt Ion: 146 Resp: 336210

Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.6

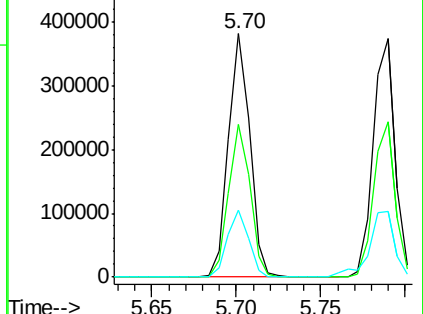
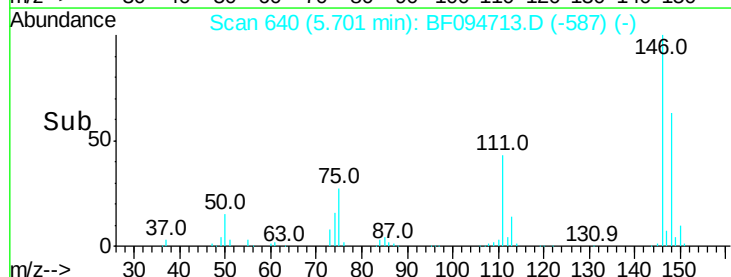
75 27.5 23.1 34.7

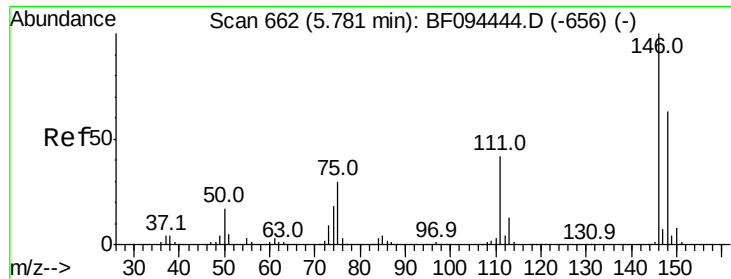


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

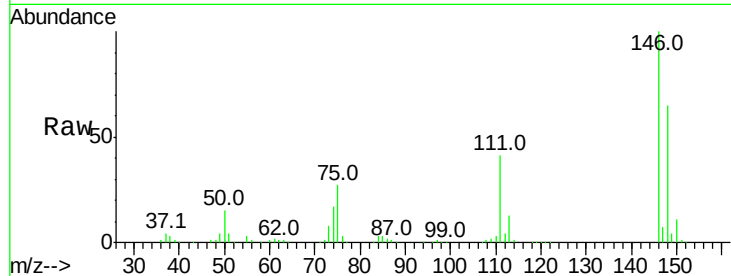




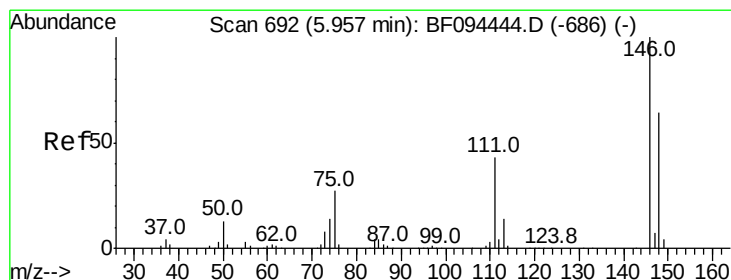
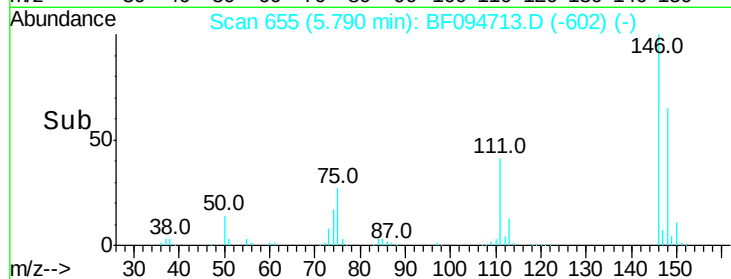
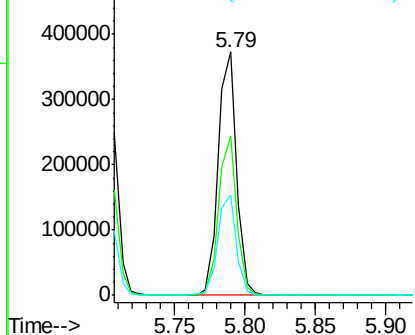
#13
 1,4-Dichlorobenzene
 Concen: 38.94 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 337721
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.2
 111 41.2 30.3 45.5

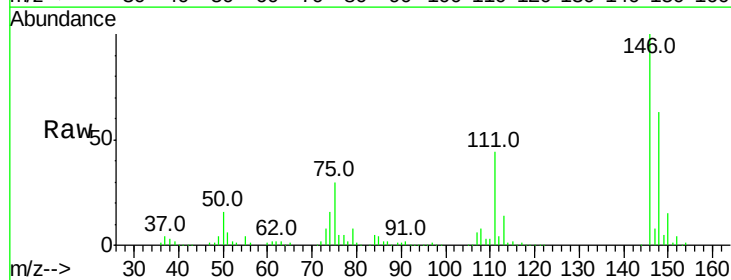


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

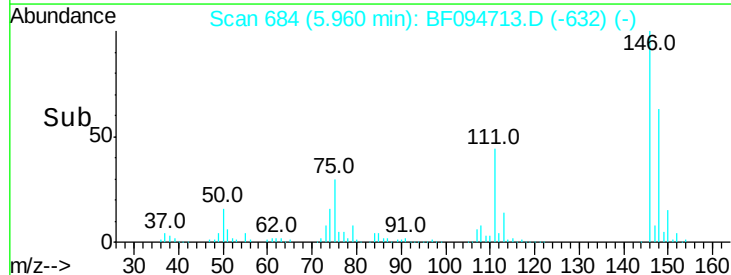
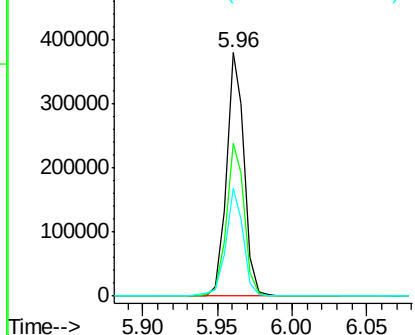


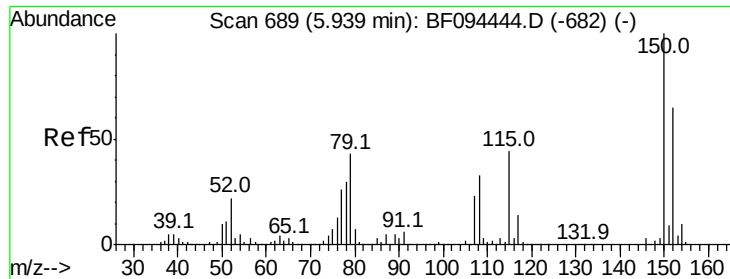
#14
 1,2-Dichlorobenzene
 Concen: 39.72 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:146 Resp: 317309
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.4 75.6
 111 44.1 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

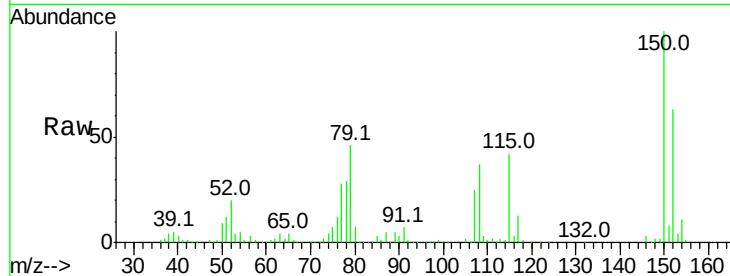




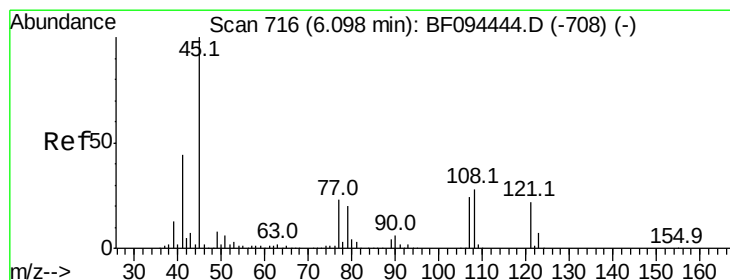
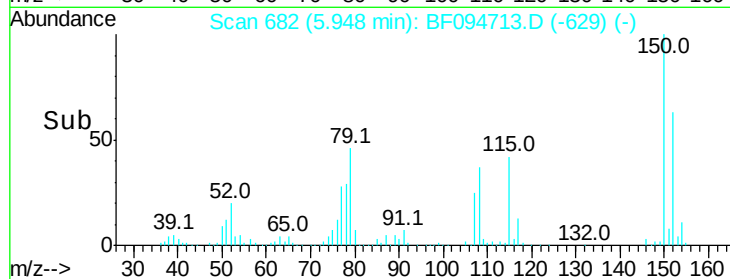
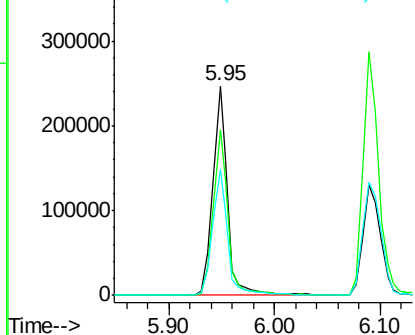
#15
Benzyl Alcohol
Concen: 41.26 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 246716
Ion Ratio Lower Upper
79 100
108 78.7 63.4 95.0
77 60.1 49.2 73.8

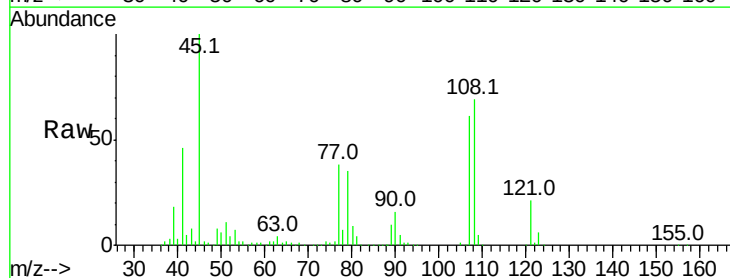


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

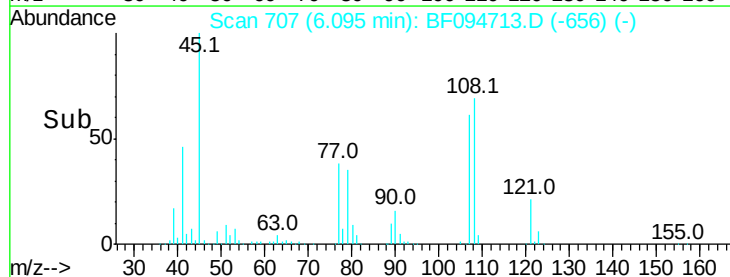
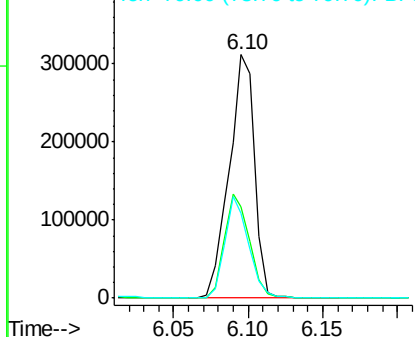


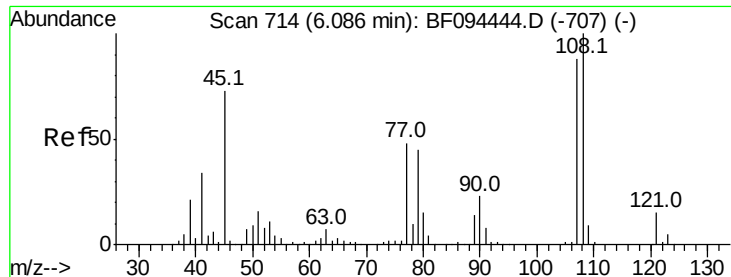
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.42 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion: 45 Resp: 373876
Ion Ratio Lower Upper
45 100
77 37.6 0.0 33.2#
79 35.0 0.0 30.0#



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

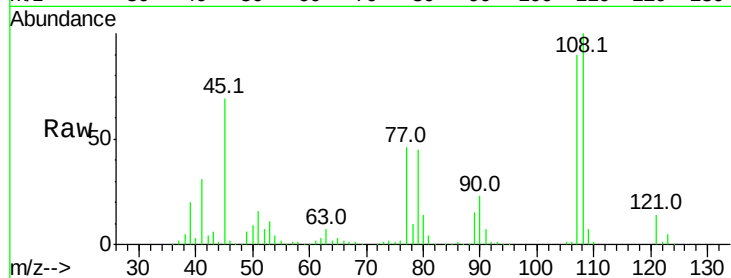




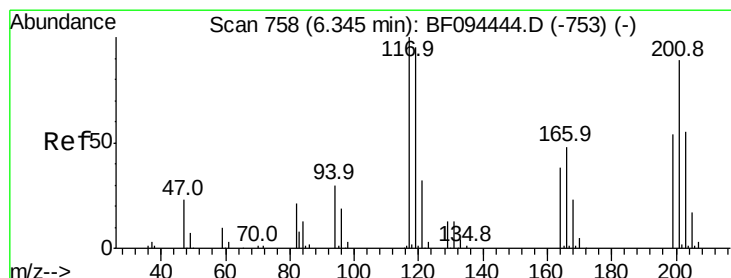
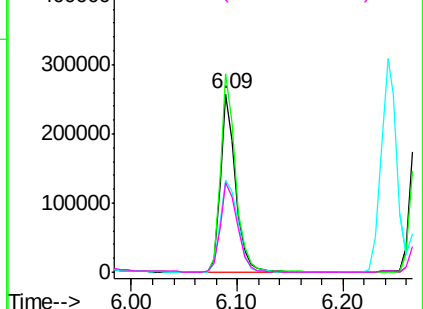
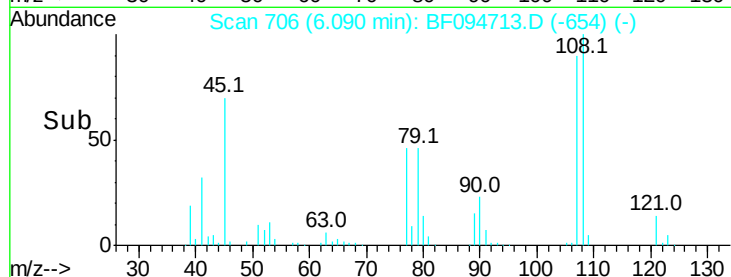
#17
2-Methylphenol
Concen: 42.56 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 260799
Ion Ratio Lower Upper
107 100
108 111.5 93.4 140.0
77 51.6 35.8 53.6
79 50.4 34.8 52.2

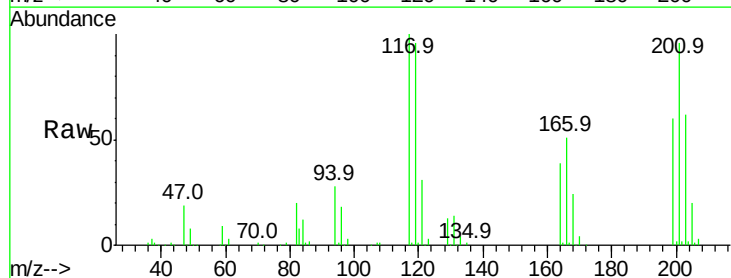


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

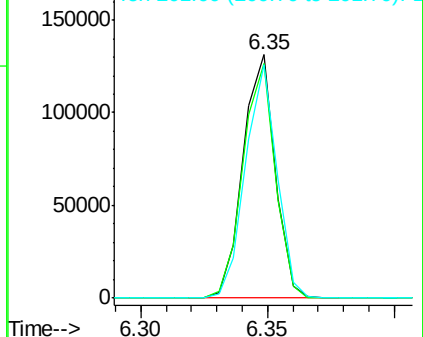
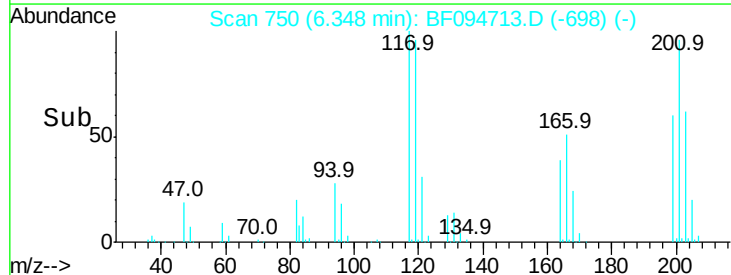


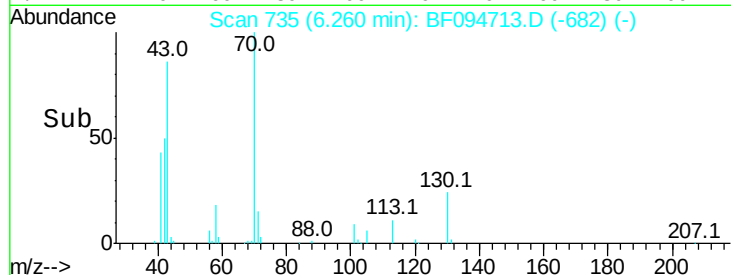
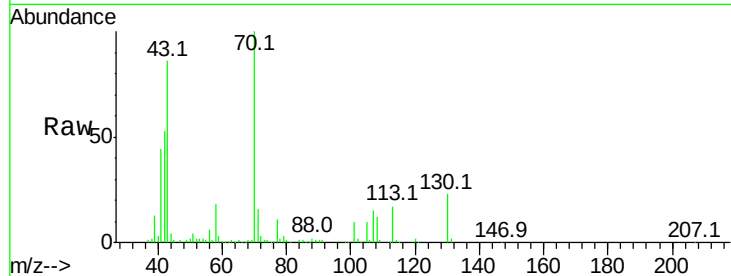
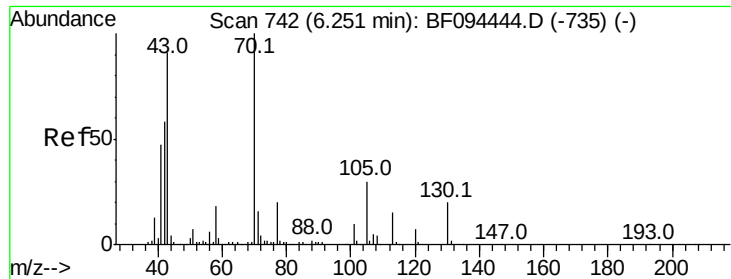
#18
Hexachloroethane
Concen: 38.91 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion:117 Resp: 115680
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.0
201 96.0 94.6 141.8



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

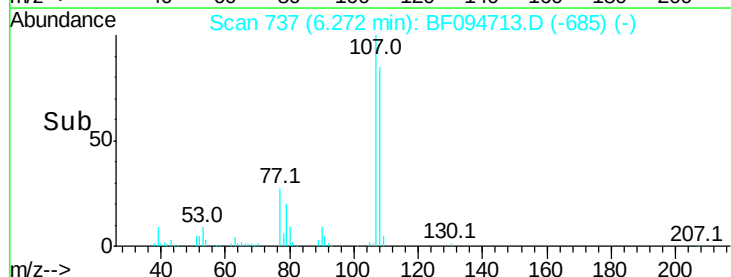
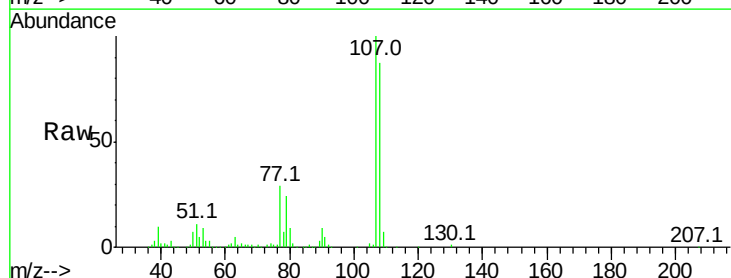
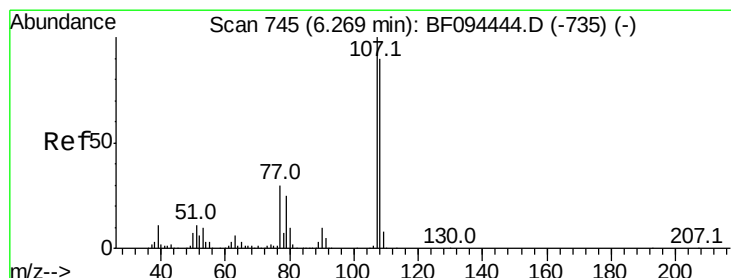
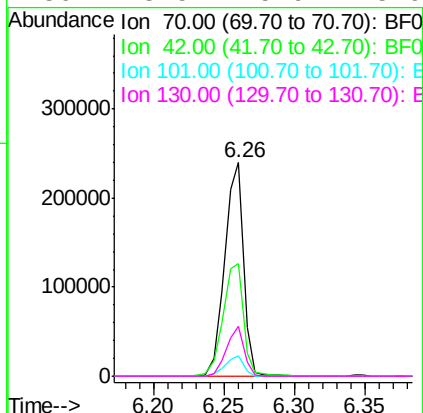




#19
n-Nitroso-di-n-propylamine
Concen: 41.57 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

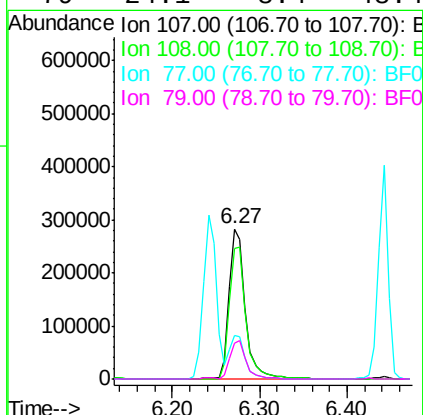
Instrument :
BNA_F
ClientSampleId :

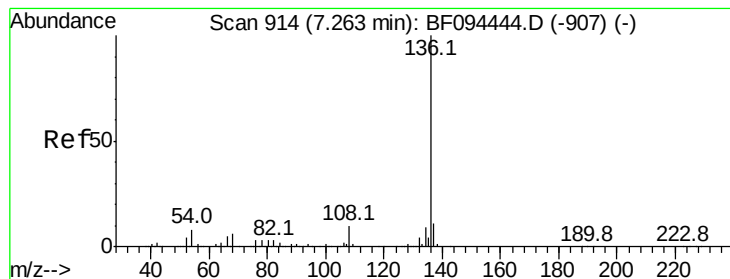
Tot Ion:	70	Resp:	222059
Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.2	70.8
101	9.6	7.2	10.8
130	23.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.46 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion:	107	Resp:	361898
Ion	Ratio	Lower	Upper
107	100		
108	87.1	71.0	111.0
77	29.4	90.5	130.5#
79	24.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 463009

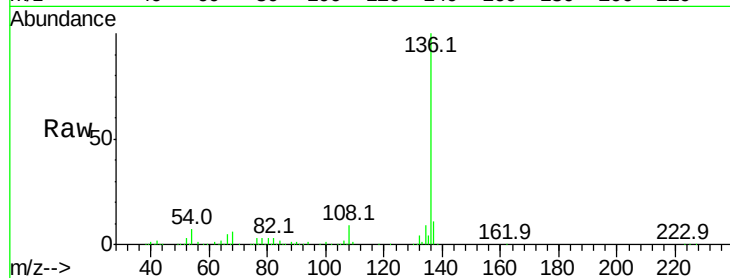
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3#

68 5.6 4.1 6.1

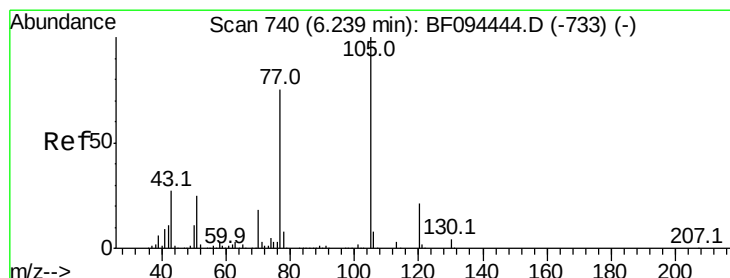
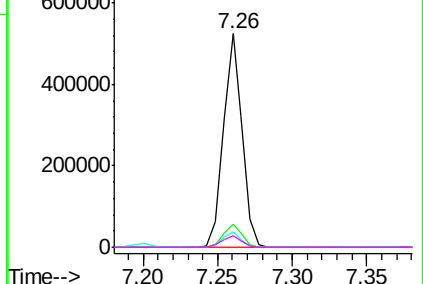
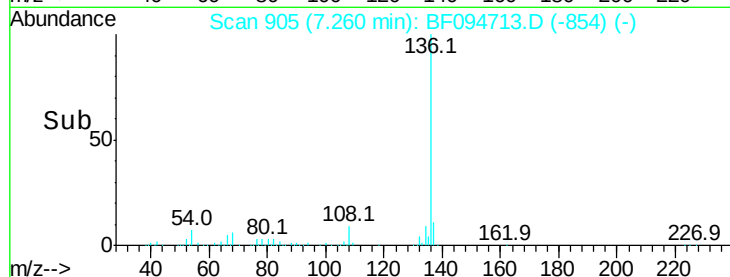


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.08 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Tgt Ion:105 Resp: 451261

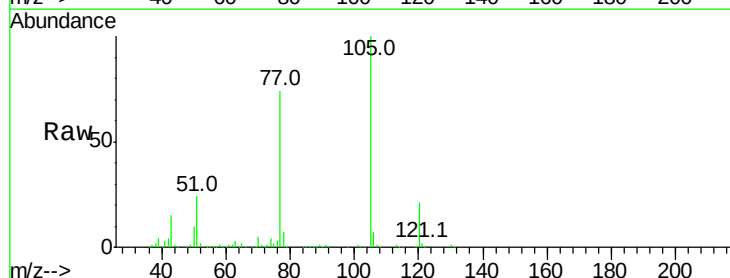
Ion Ratio Lower Upper

105 100

71 0.8 2.8 4.2#

51 23.8 30.7 46.1#

120 21.4 17.4 26.0

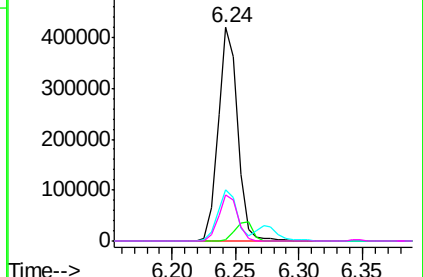
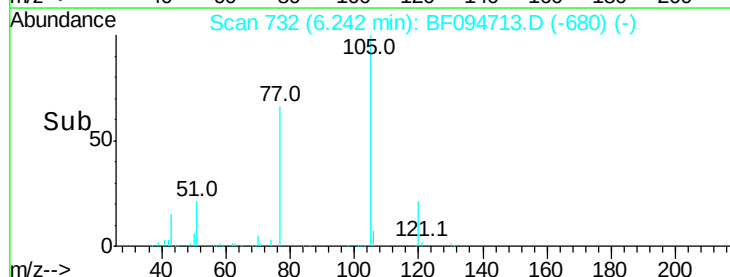


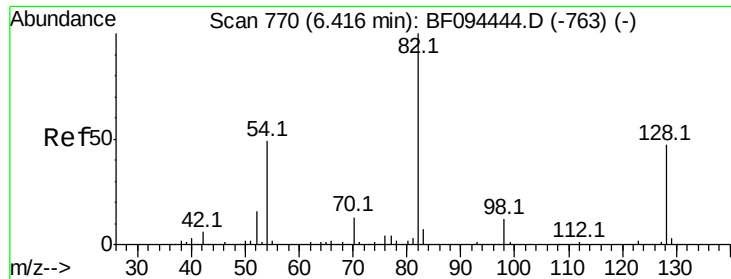
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

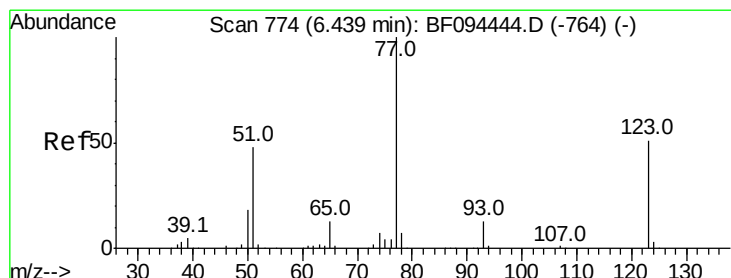
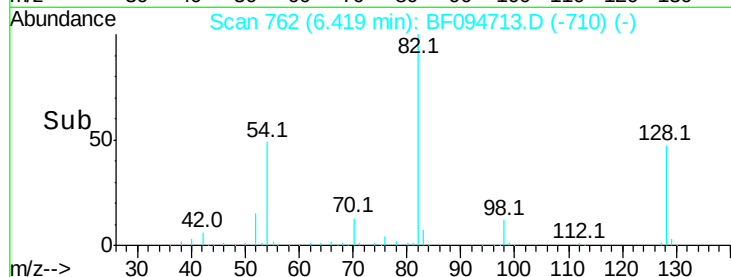
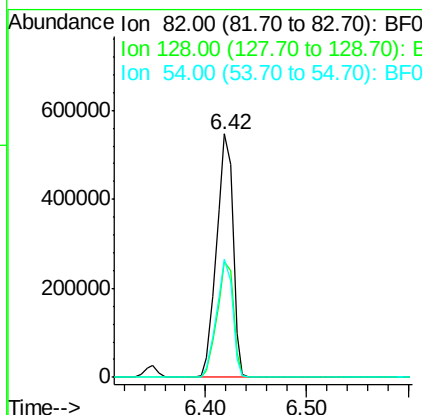
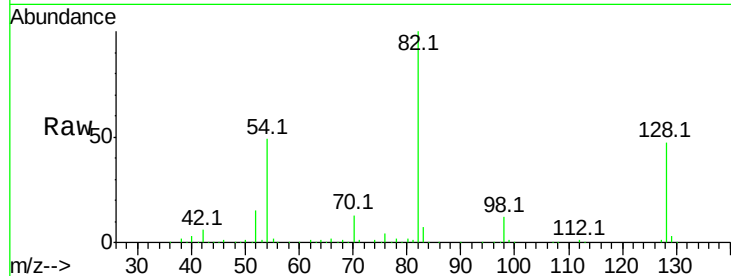




#23
Nitrobenzene-d5
Concen: 82.13 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

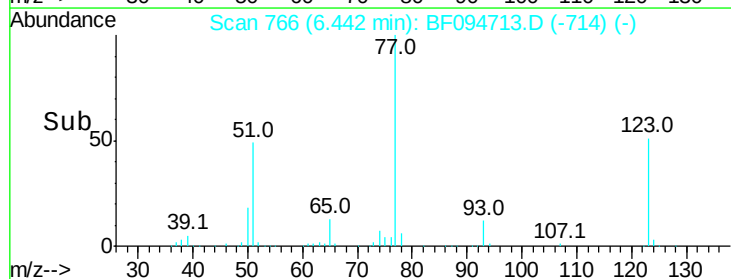
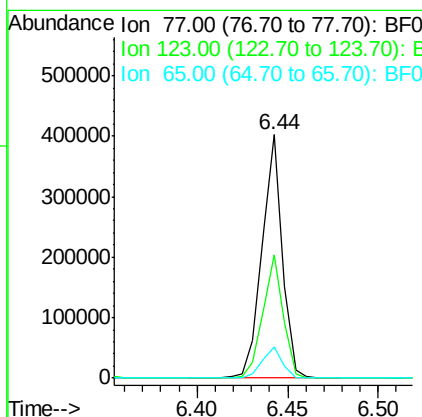
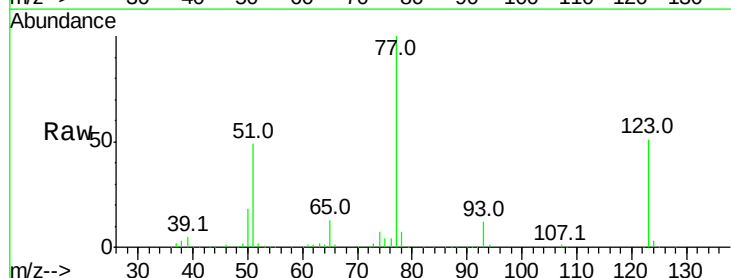
Instrument :
BNA_F
ClientSampleId :

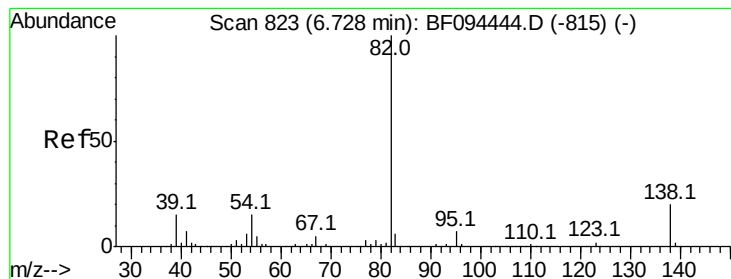
Tot Ion	82	Resp	615860
Ion Ratio	100	Lower	Upper
128	47.4	34.0	51.0
54	48.7	42.2	63.2



#24
Nitrobenzene
Concen: 39.71 ng
RT: 6.44 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	77	Resp	313543
Ion Ratio	100	Lower	Upper
123	50.7	35.8	53.8
65	12.6	10.6	15.8





#25

Isophorone

Concen: 41.49 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

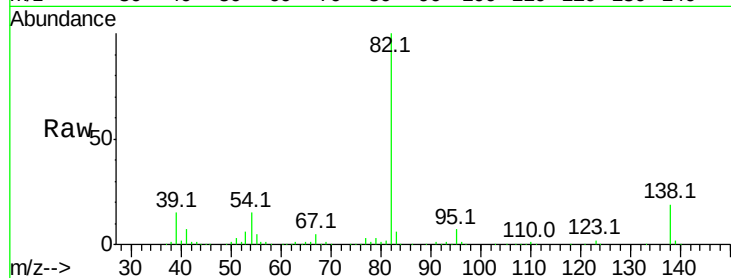
Tot Ion: 82 Resp: 576674

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

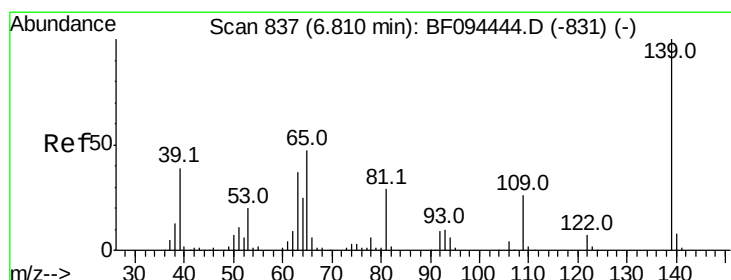
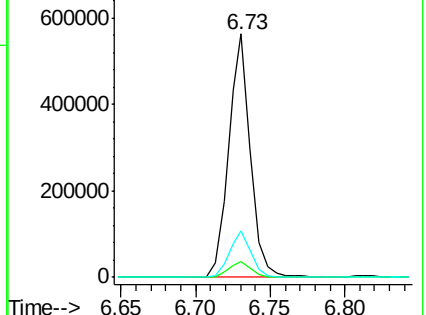
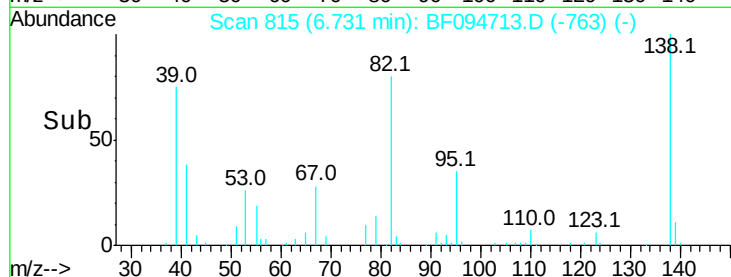
138 19.1 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.10 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

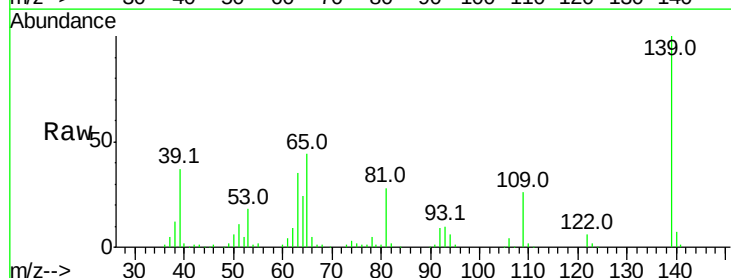
Tgt Ion:139 Resp: 178610

Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.6

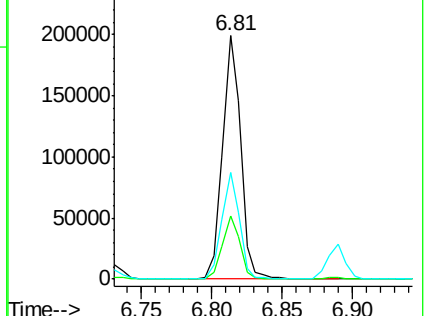
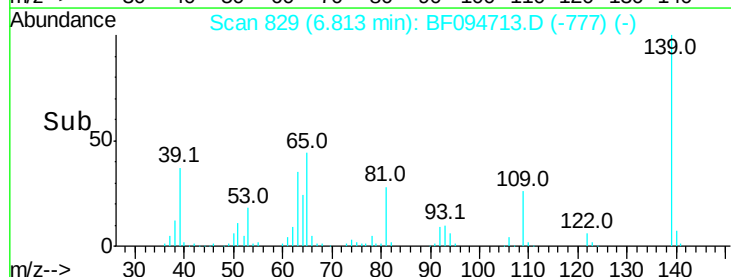
65 44.0 33.0 49.6

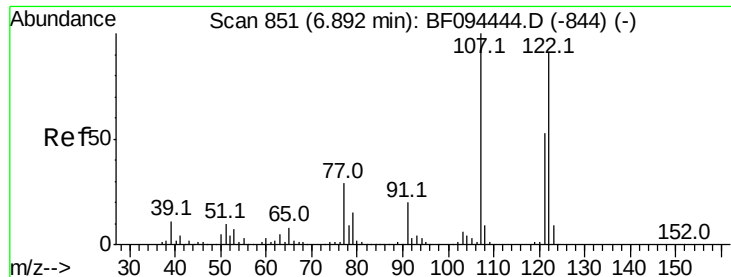


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.98 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampled :

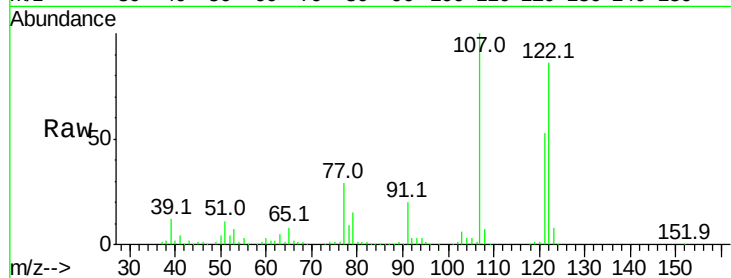
Tot Ion:122 Resp: 289292

Ion Ratio Lower Upper

122 100

107 115.8 89.2 133.8

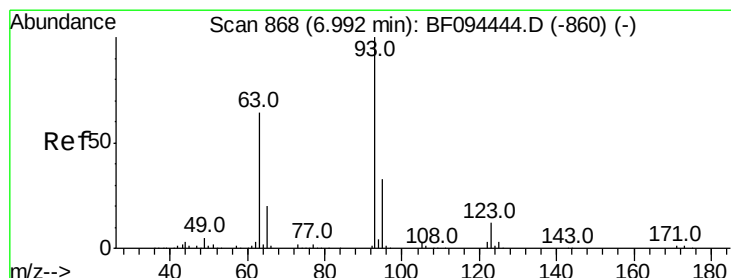
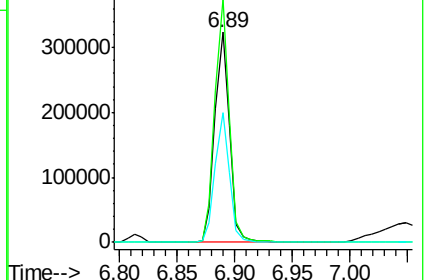
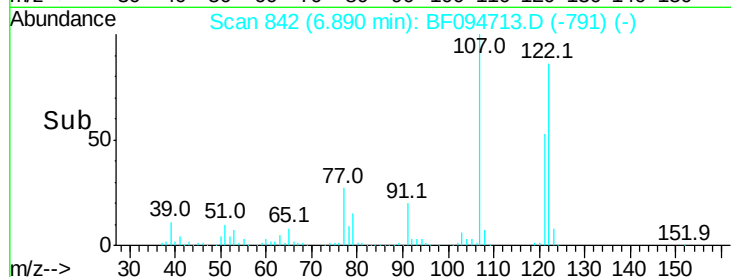
121 61.7 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.48 ng

RT: 6.99 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

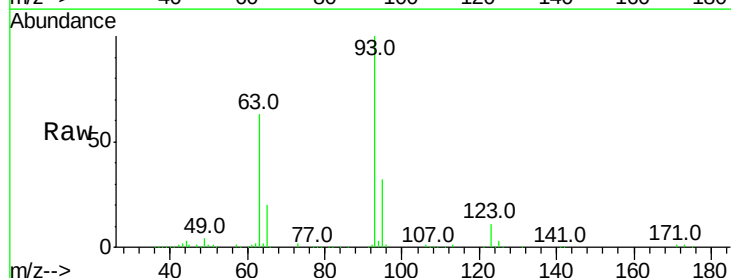
Tgt Ion: 93 Resp: 372976

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

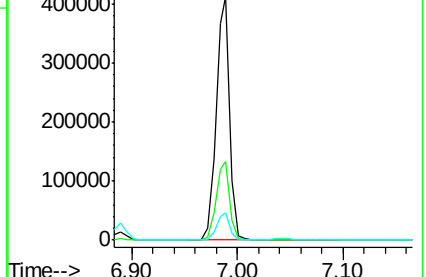
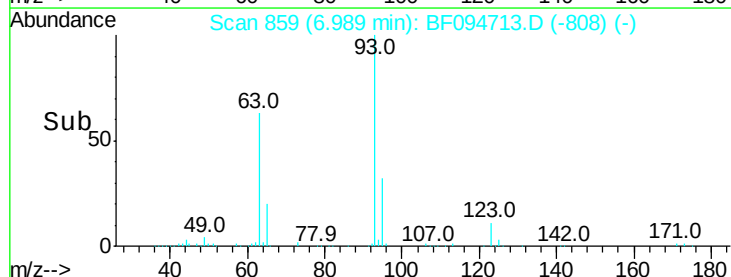
123 11.1 9.0 13.4

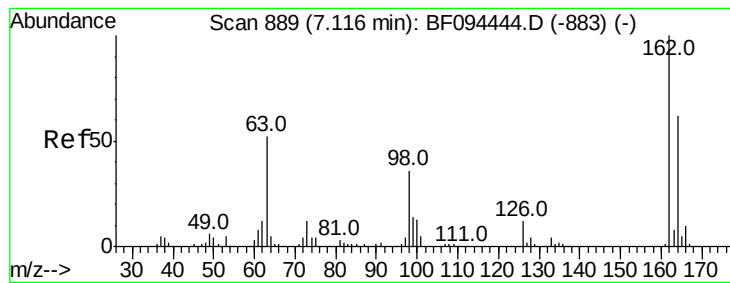


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.17 ng

RT: 7.11 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

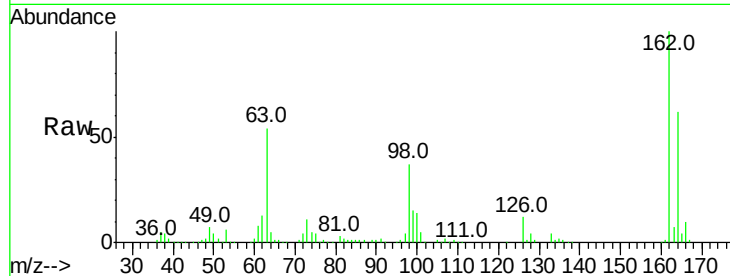
Tot Ion:162 Resp: 283161

Ion Ratio Lower Upper

162 100

164 62.3 44.6 84.6

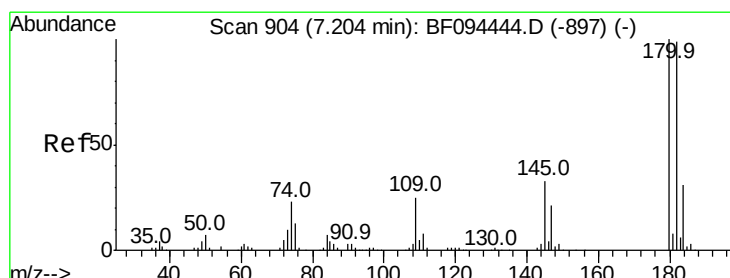
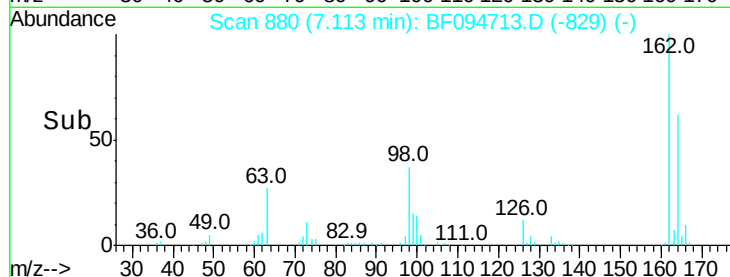
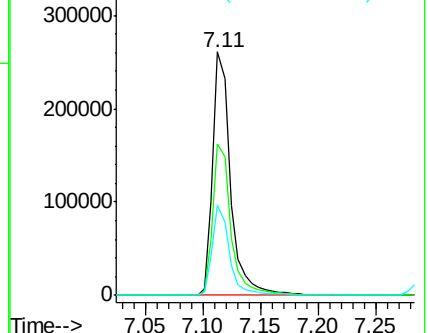
98 37.0 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.32 ng

RT: 7.20 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

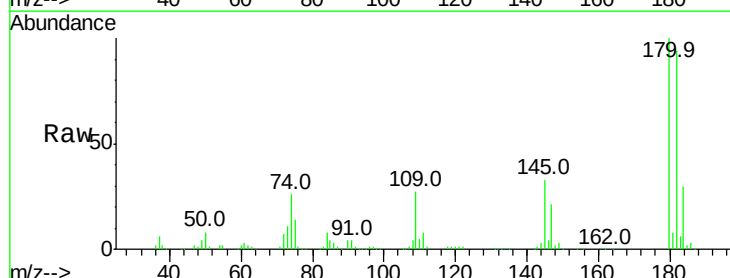
Tgt Ion:180 Resp: 267242

Ion Ratio Lower Upper

180 100

182 93.8 75.8 113.6

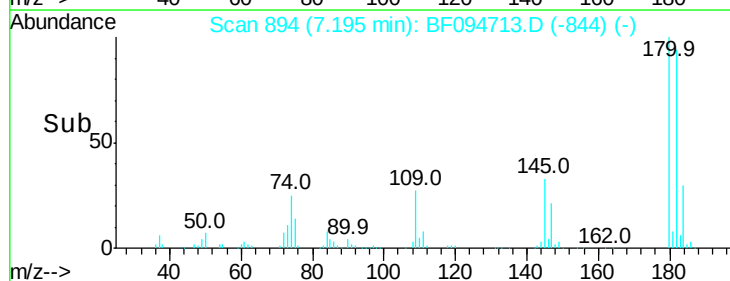
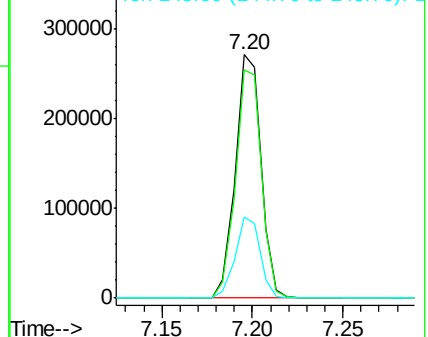
145 33.3 25.3 37.9

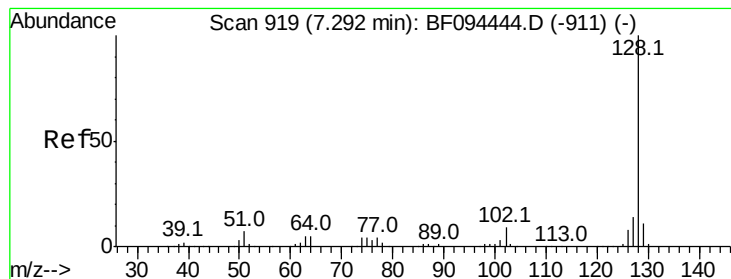


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.68 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

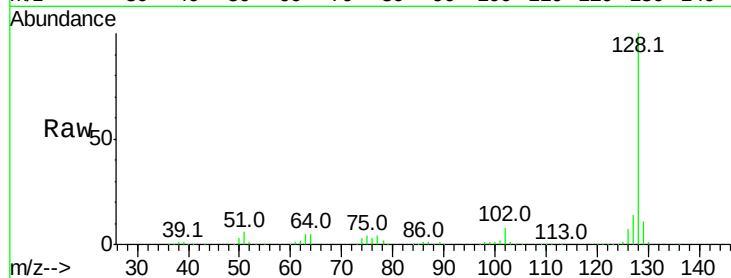
Tot Ion:128 Resp: 905572

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

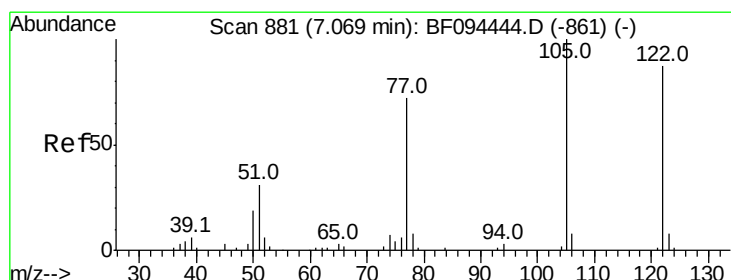
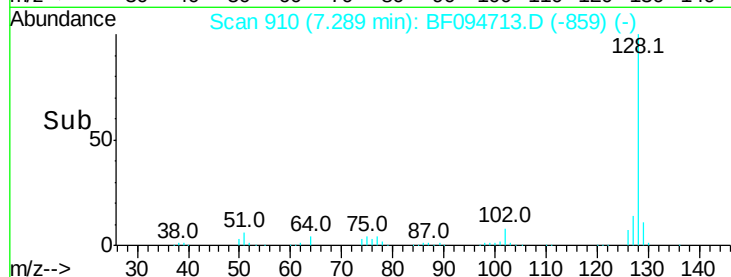
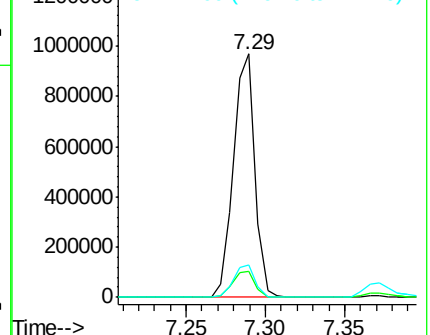
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.09 ng

RT: 7.05 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

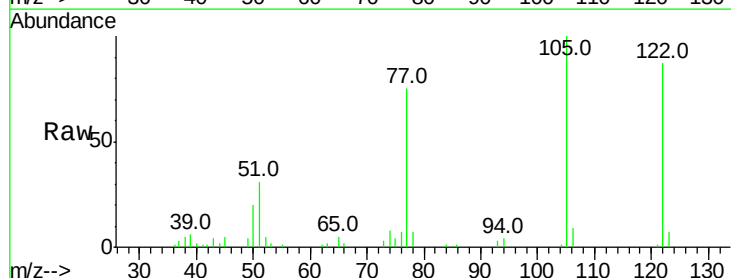
Tgt Ion:122 Resp: 73219

Ion Ratio Lower Upper

122 100

105 114.9 103.3 143.3

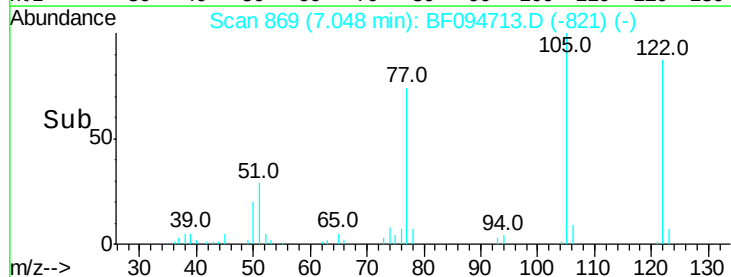
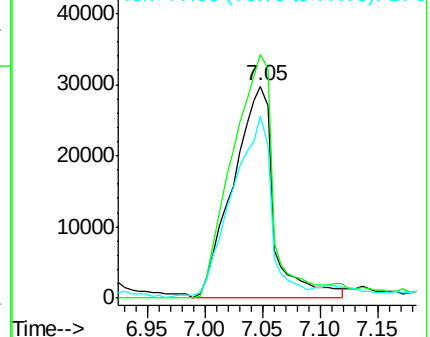
77 86.3 73.7 113.7

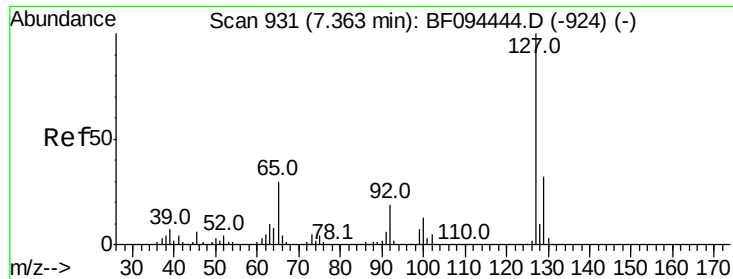


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

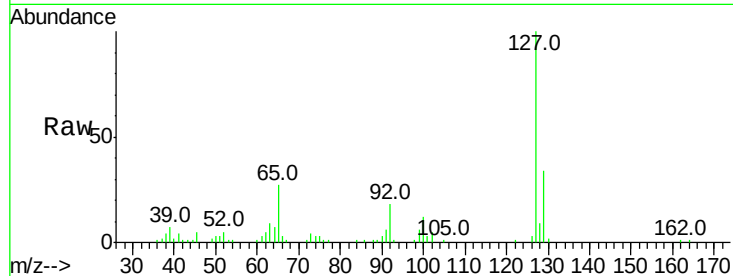




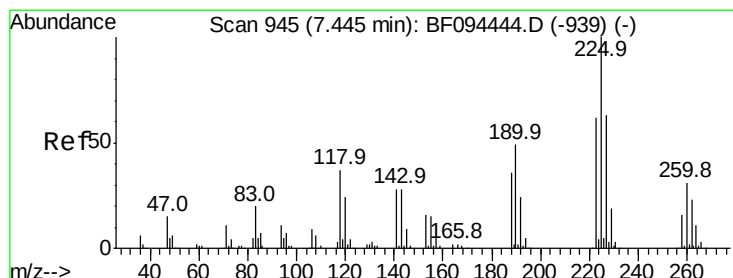
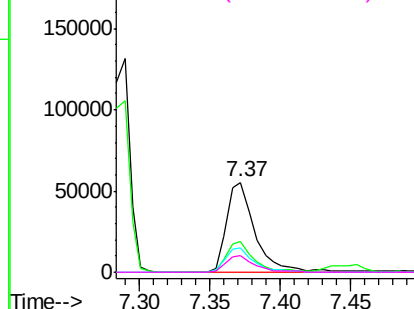
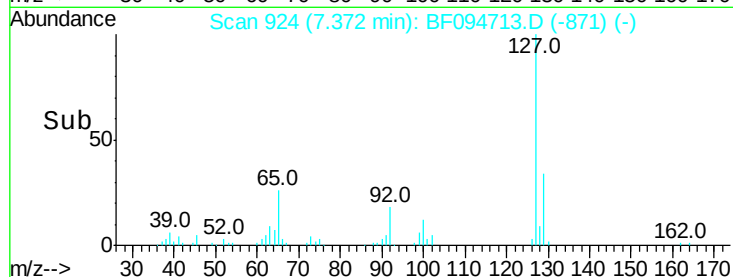
#33
 4-Chloroaniline
 Concen: 8.36 ng
 RT: 7.37 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	77404
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.2	39.2
65	26.8	27.8	41.8#
92	18.4	16.8	25.2

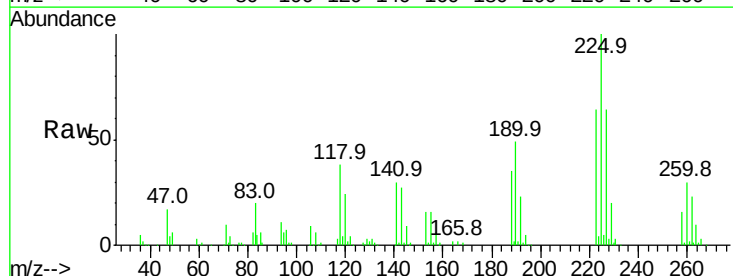


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

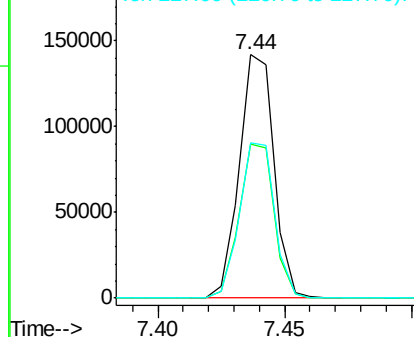
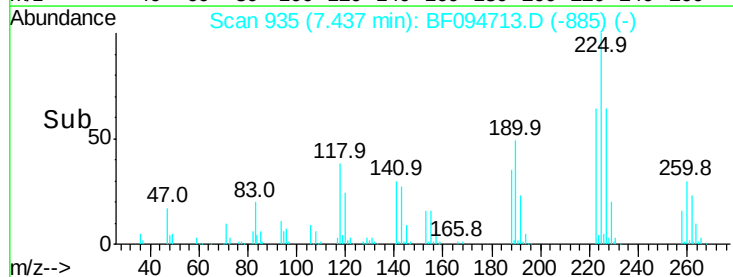


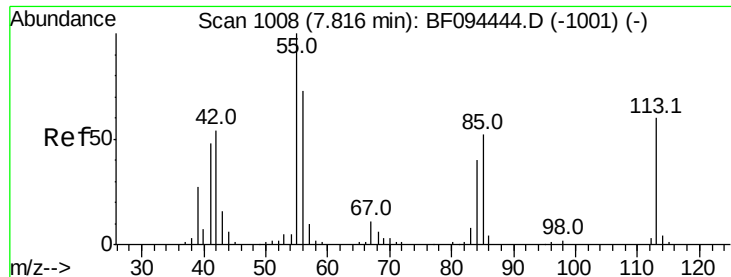
#34
 Hexachlorobutadiene
 Concen: 40.75 ng
 RT: 7.44 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:	225	Resp:	134637
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	63.9	51.1	76.7



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

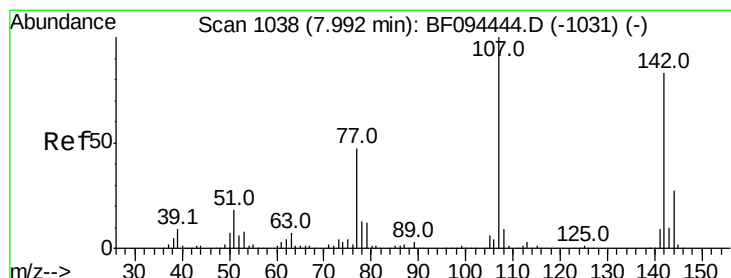
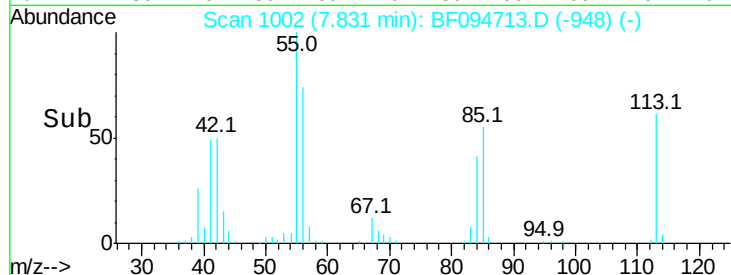
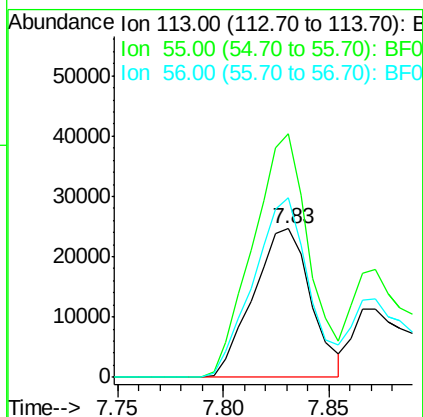
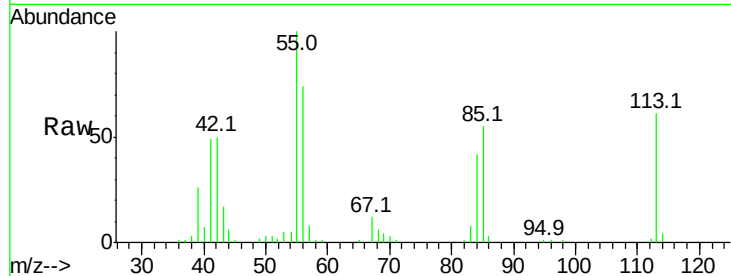




#35
 Caprolactam
 Concen: 23.25 ng
 RT: 7.83 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

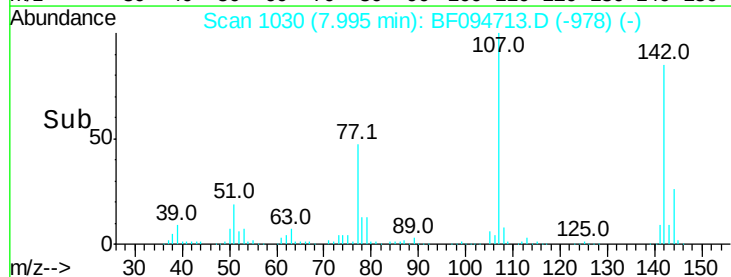
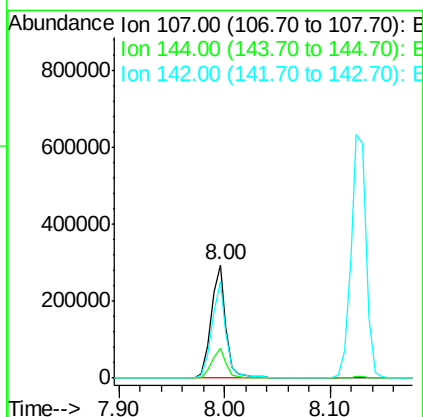
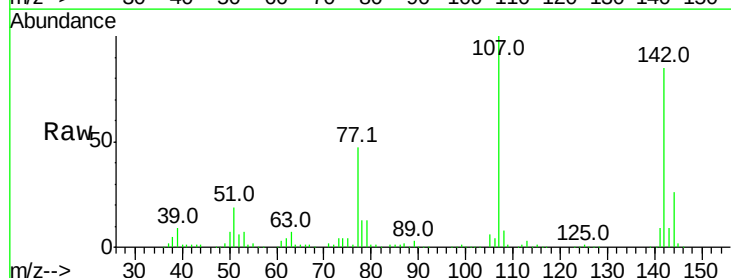
Instrument :
 BNA_F
 ClientSampled :

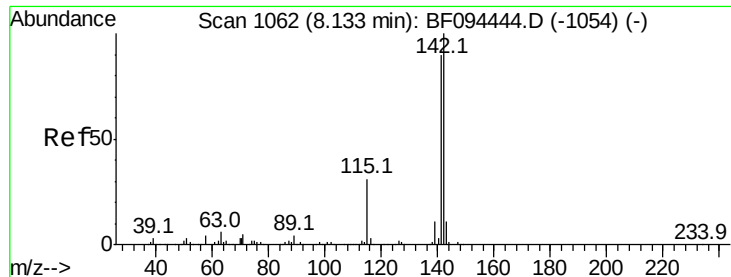
Tot Ion:113 Resp: 46826
 Ion Ratio Lower Upper
 113 100
 55 164.0 150.2 190.2
 56 121.1 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 43.42 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:107 Resp: 291668
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 84.8 73.4 110.0

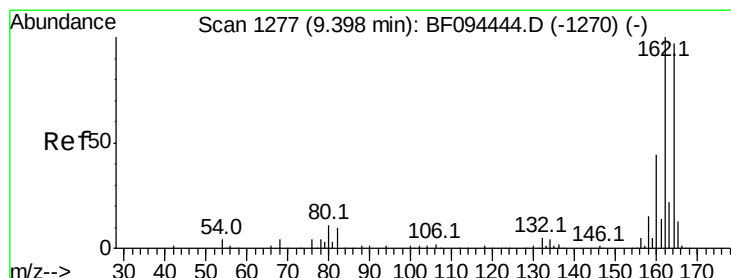
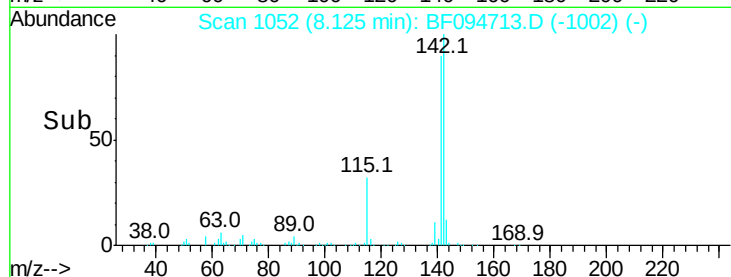
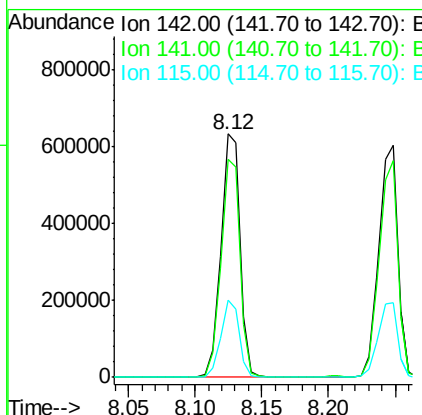
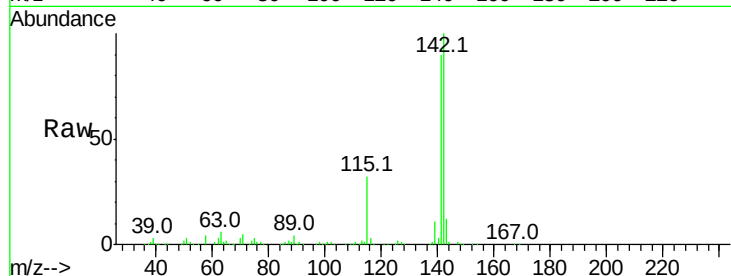




#37
 2-Methylnaphthalene
 Concen: 42.06 ng
 RT: 8.12 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

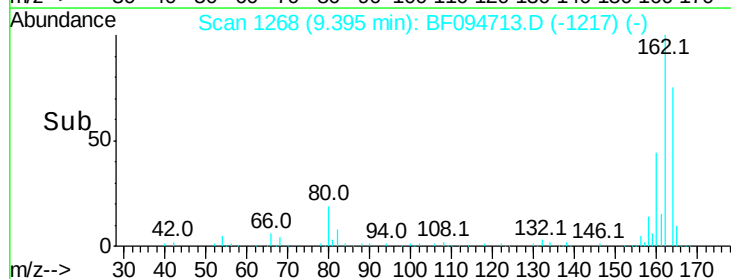
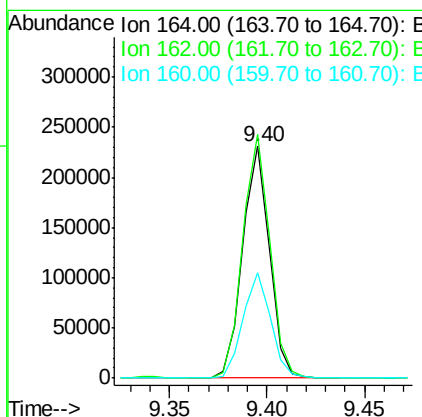
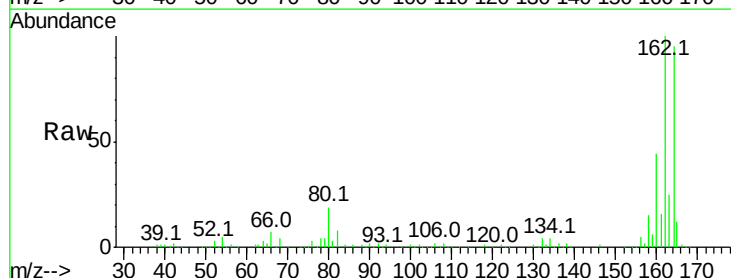
Instrument :
 BNA_F
 ClientSampleId :

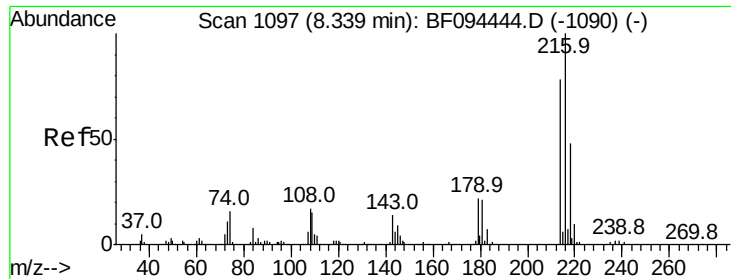
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	31.6	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	45.7	36.2	54.2

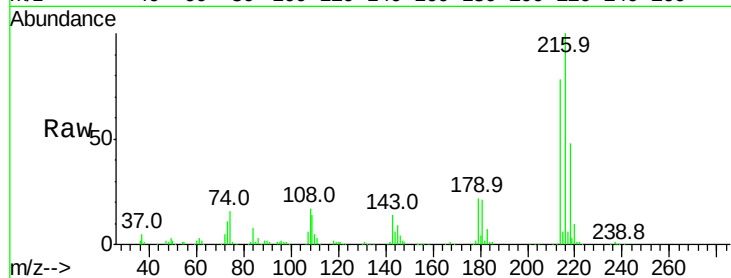




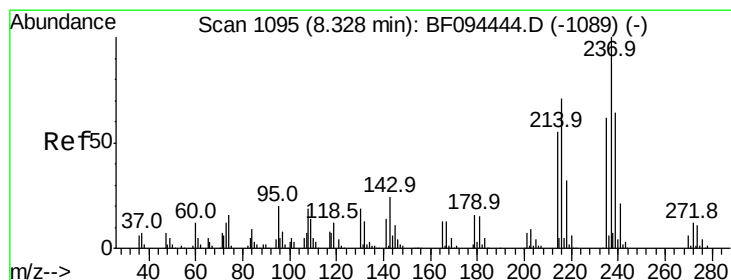
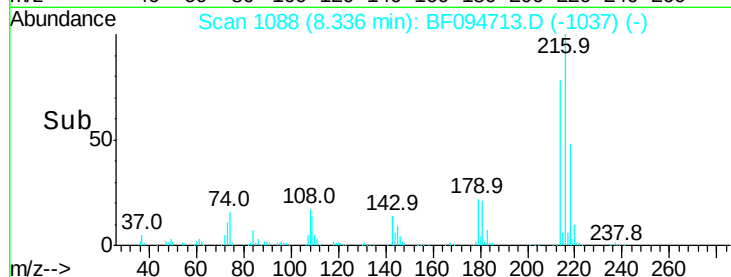
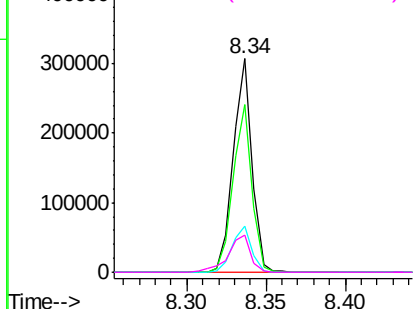
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.15 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	250552
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	22.4	17.9	26.9
108	20.8	16.5	24.7

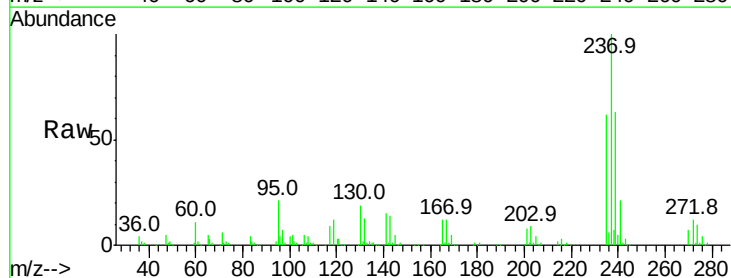


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

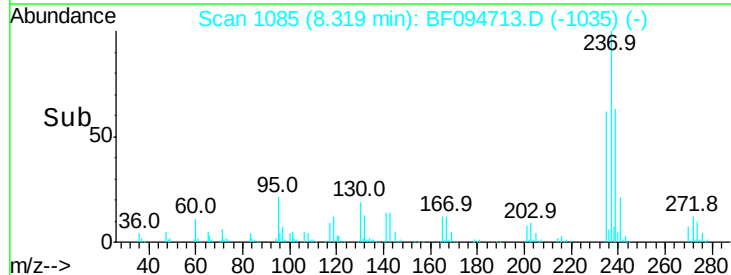
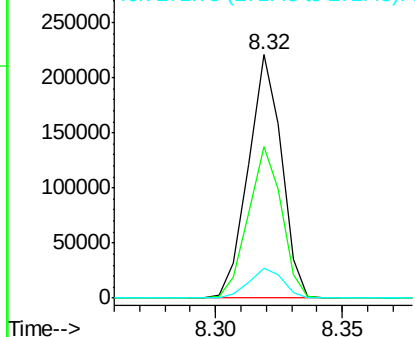


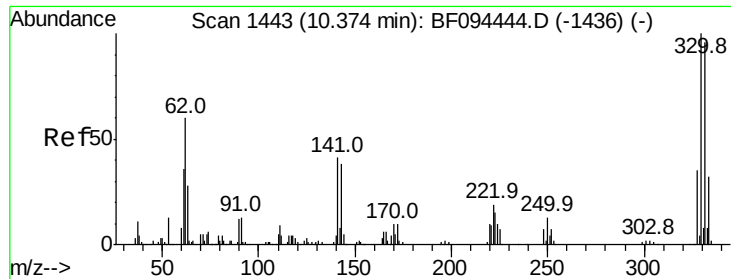
#40
 Hexachlorocyclopentadiene
 Concen: 79.99 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:	237	Resp:	201944
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.6	82.6
272	12.4	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

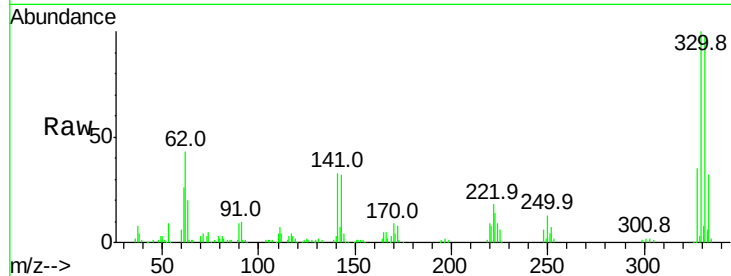




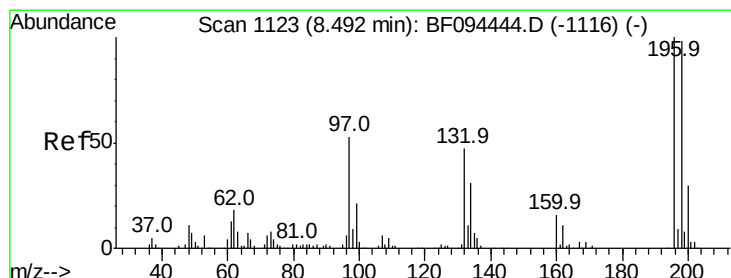
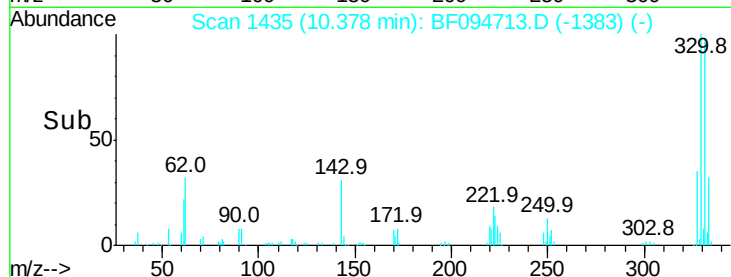
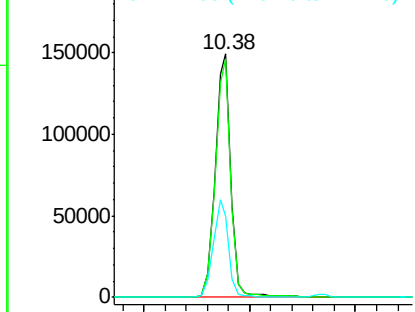
#41
 2,4,6-Tribromophenol
 Concen: 92.01 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 157726
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 39.5 31.4 47.2

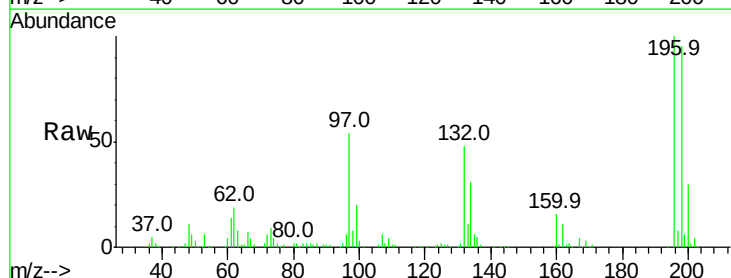


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

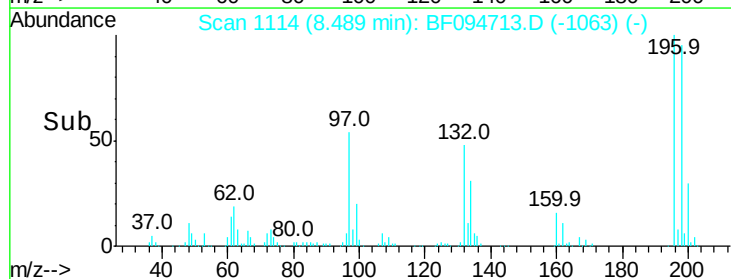
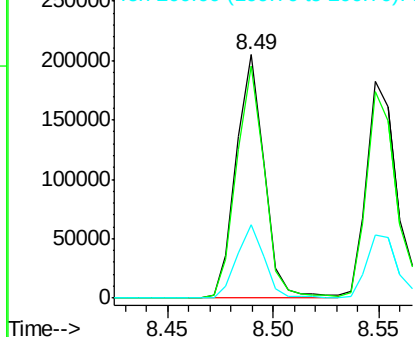


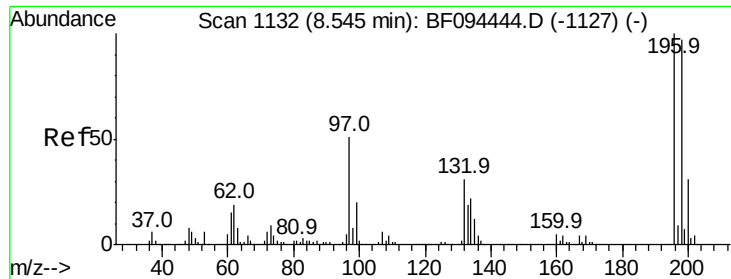
#42
 2,4,6-Trichlorophenol
 Concen: 43.16 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:196 Resp: 189161
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.2 111.4
 200 29.9 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

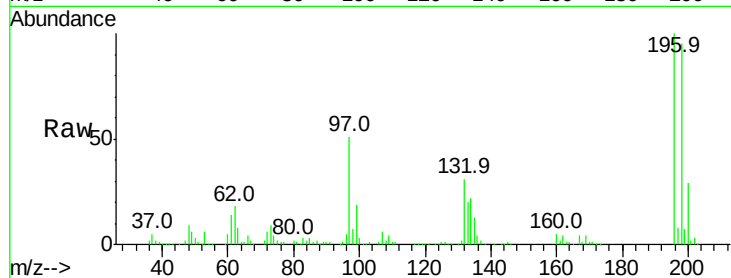




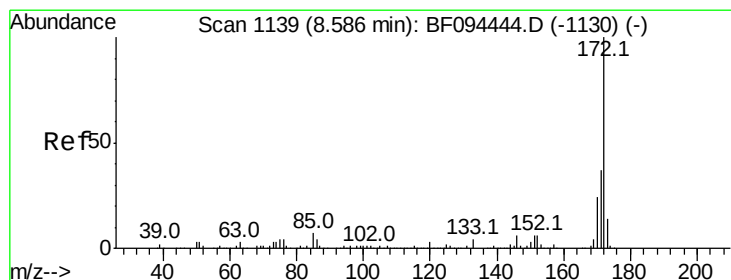
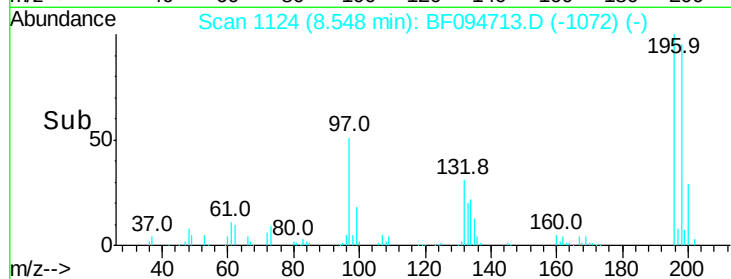
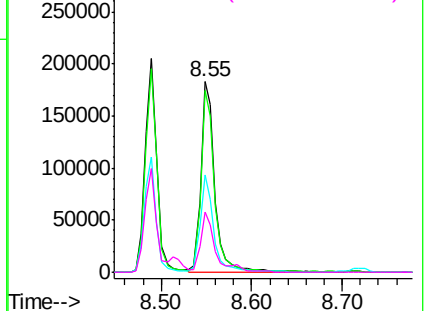
#43
 2,4,5-Trichlorophenol
 Concen: 43.63 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 196377
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 97 51.1 47.7 71.5
 132 31.3 28.0 42.0

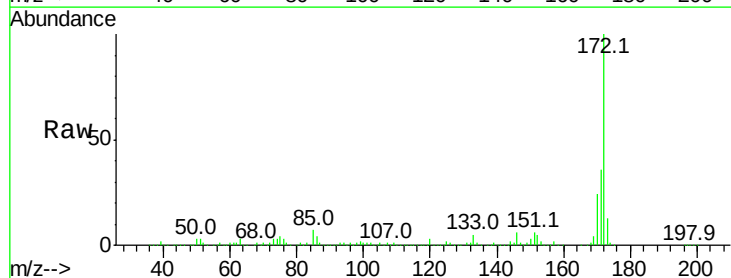


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

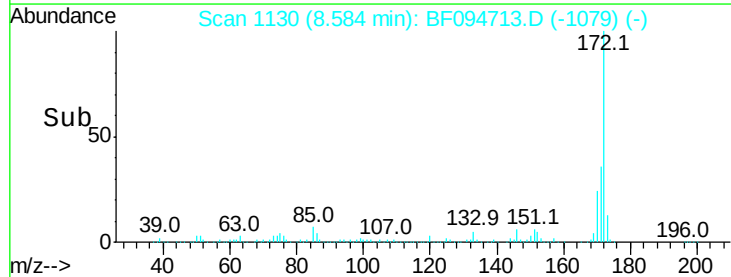
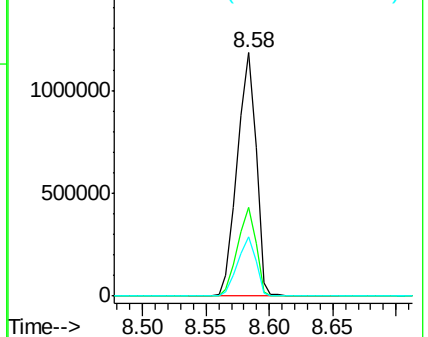


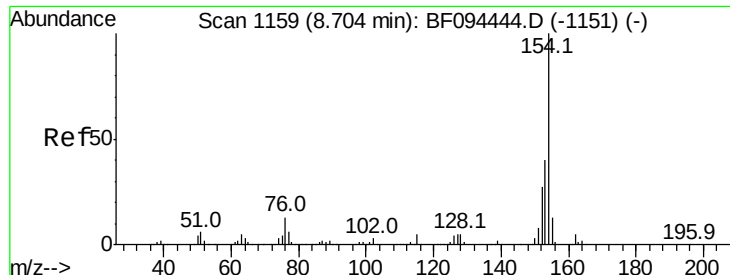
#44
 2-Fluorobiphenyl
 Concen: 81.18 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:172 Resp: 1209236
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.1 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: 40.96 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

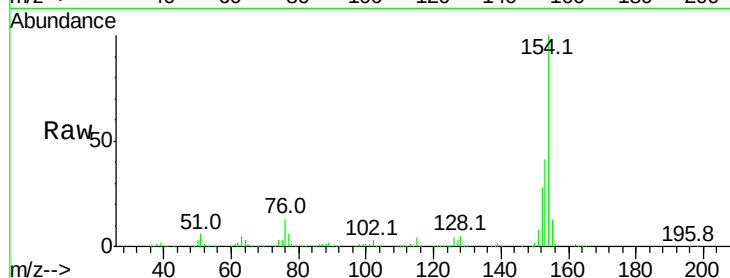
Tot Ion:154 Resp: 733505

Ion Ratio Lower Upper

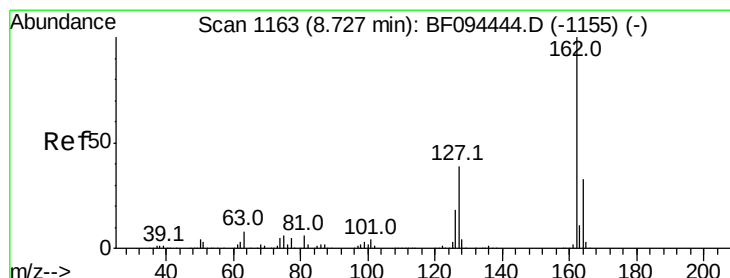
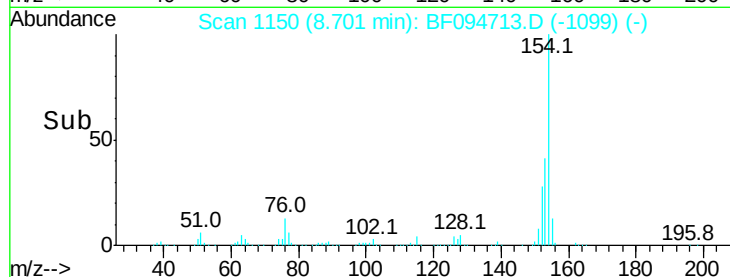
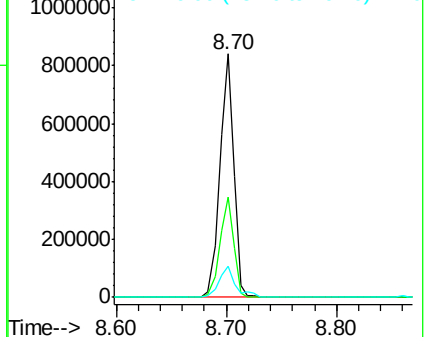
154 100

153 41.1 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): BF0



#46

2-Chloronaphthalene

Concen: 41.10 ng

RT: 8.72 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

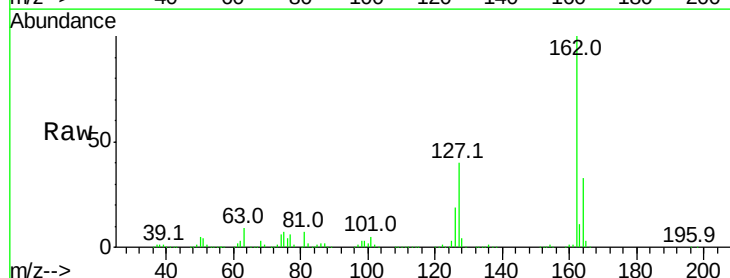
Tgt Ion:162 Resp: 585139

Ion Ratio Lower Upper

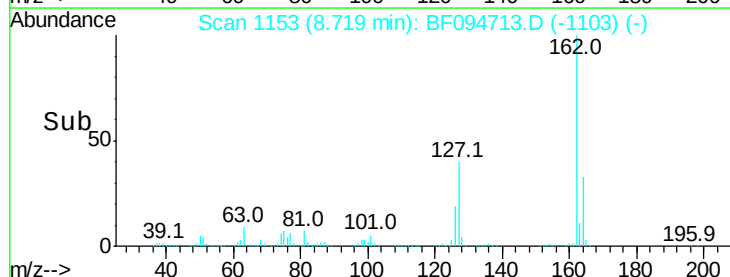
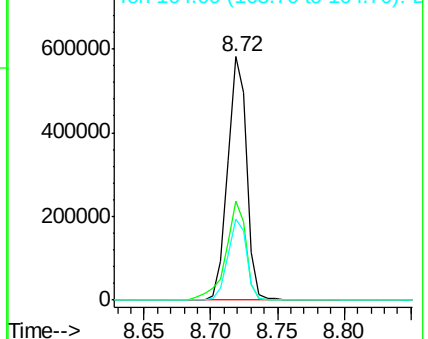
162 100

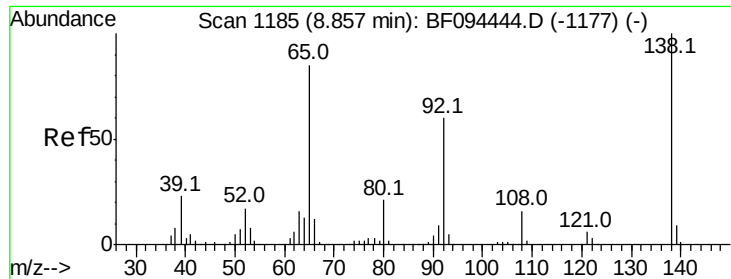
127 40.4 28.3 42.5

164 33.3 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

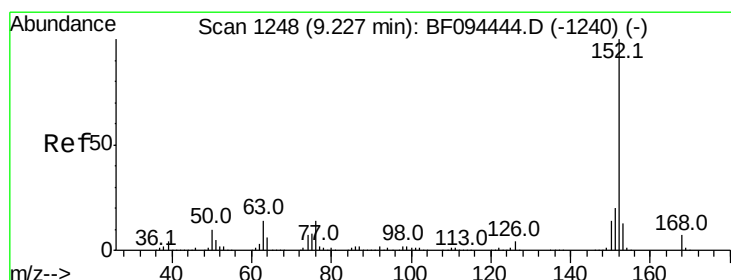
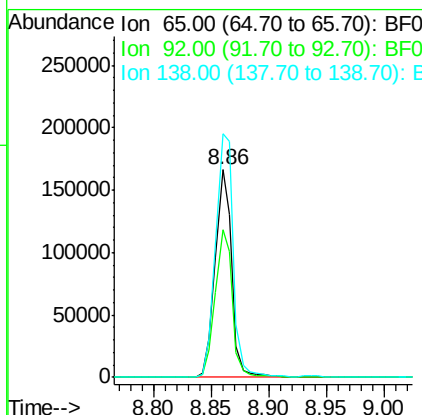
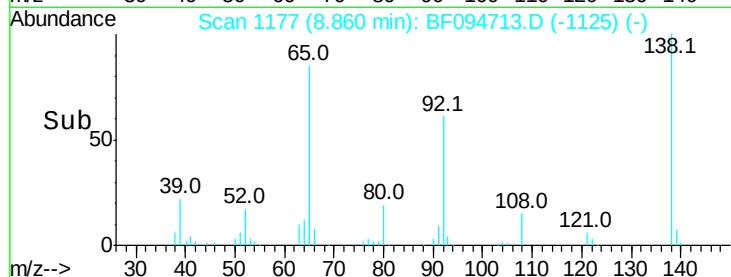
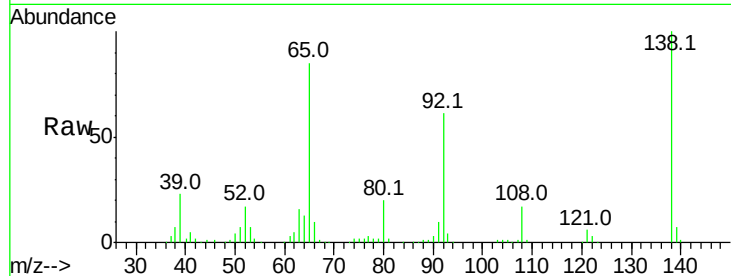




#47
 2-Nitroaniline
 Concen: 40.77 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

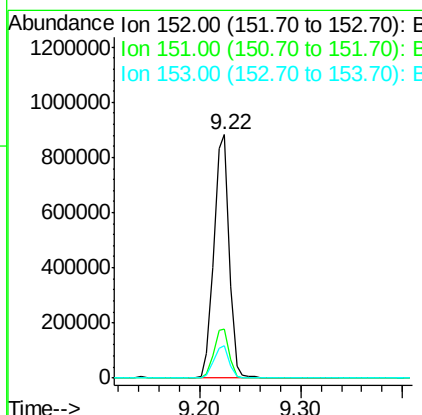
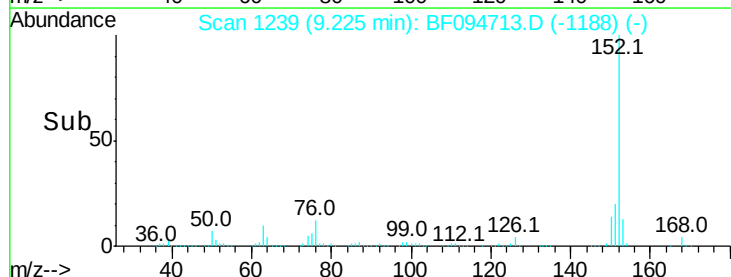
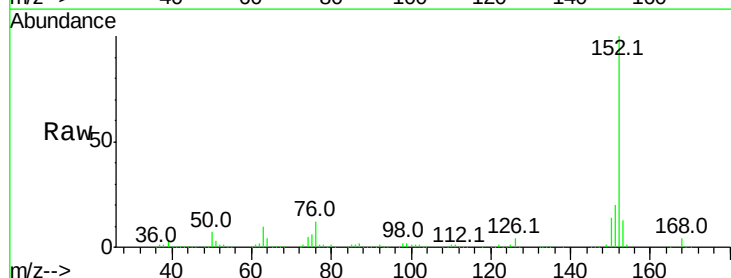
Instrument :
 BNA_F
 ClientSampled :

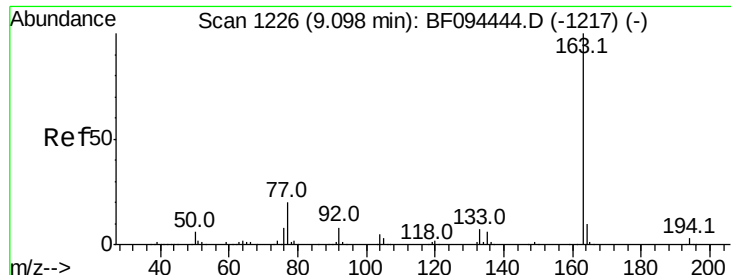
Tot Ion: 65 Resp: 166993
 Ion Ratio Lower Upper
 65 100
 92 71.3 53.9 80.9
 138 117.4 78.8 118.2



#48
 Acenaphthylene
 Concen: 41.65 ng
 RT: 9.22 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:152 Resp: 924518
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.3 10.8 16.2

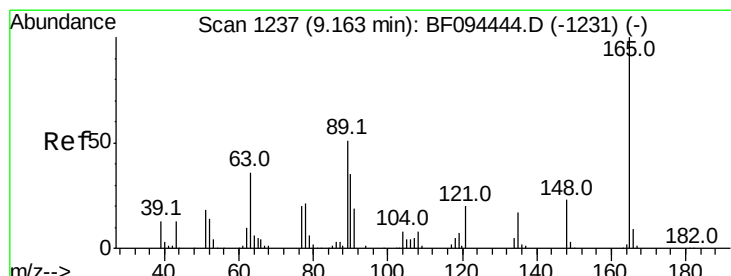
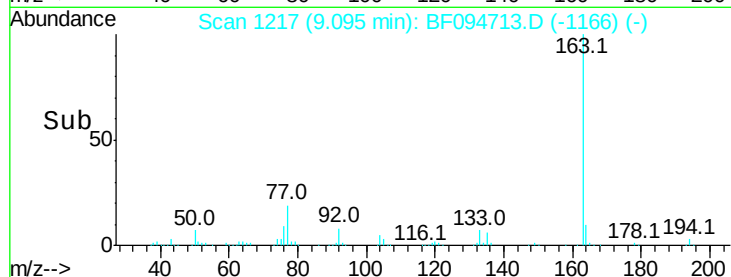
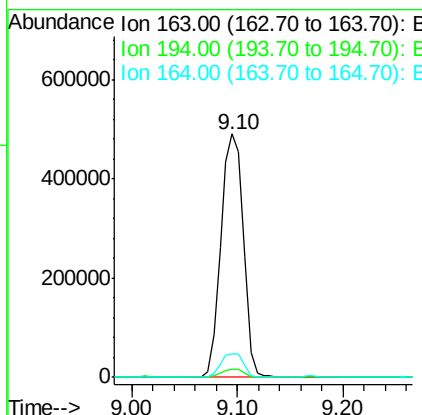
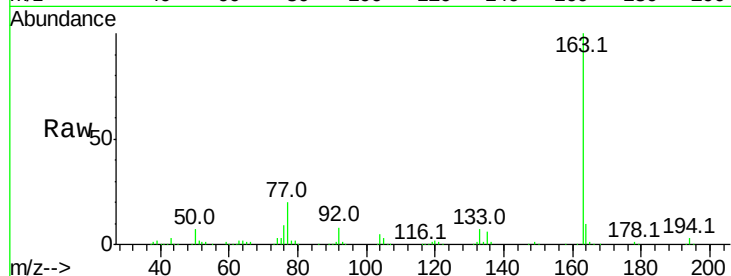




#49
Dimethylphthalate
Concen: 44.43 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

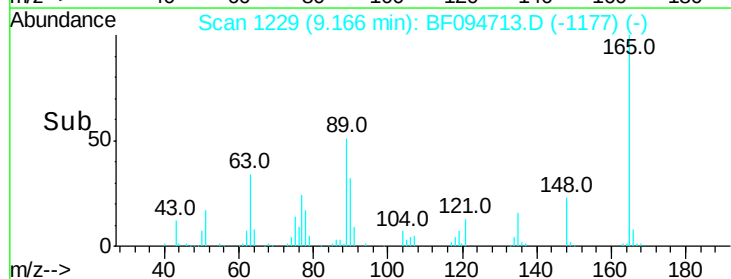
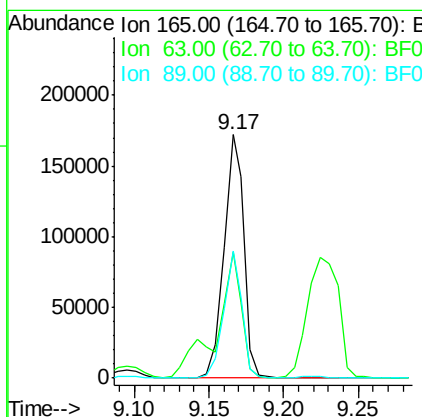
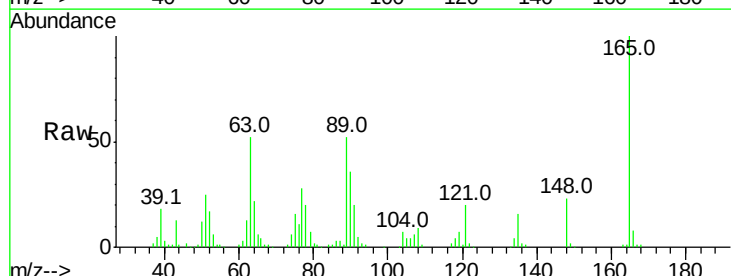
Instrument :
BNA_F
ClientSampleId :

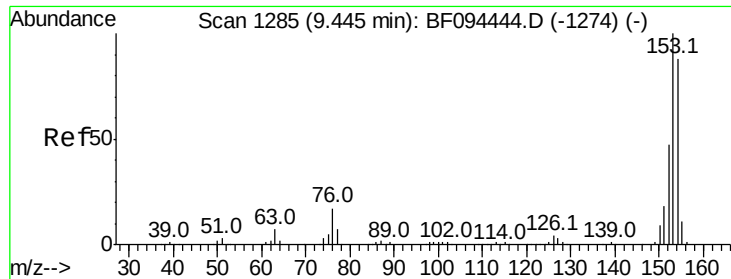
Tot Ion:163 Resp: 725628
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 44.21 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion:165 Resp: 162063
Ion Ratio Lower Upper
165 100
63 51.6 34.3 51.5#
89 52.2 37.1 55.7





#51

Acenaphthene

Concen: 41.23 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

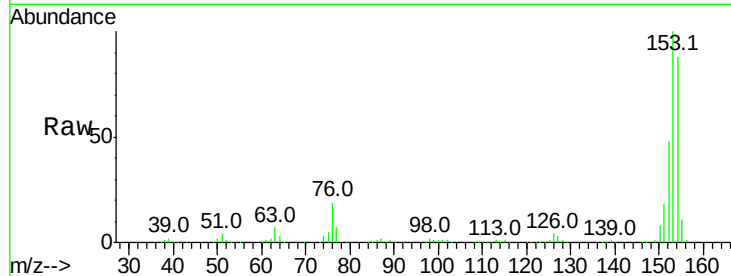
Tot Ion:154 Resp: 548081

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

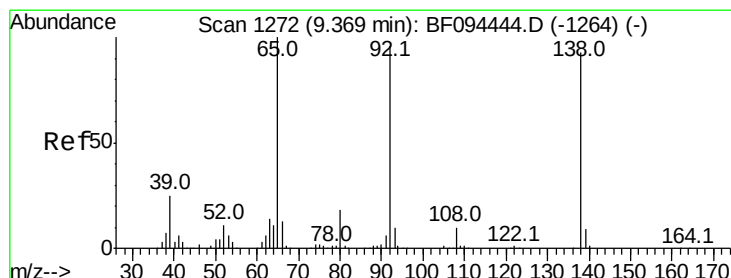
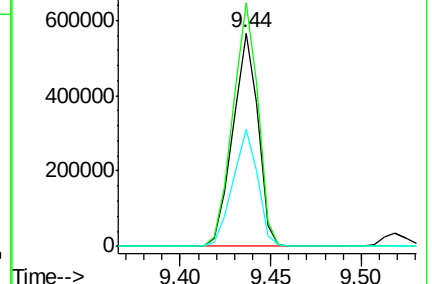
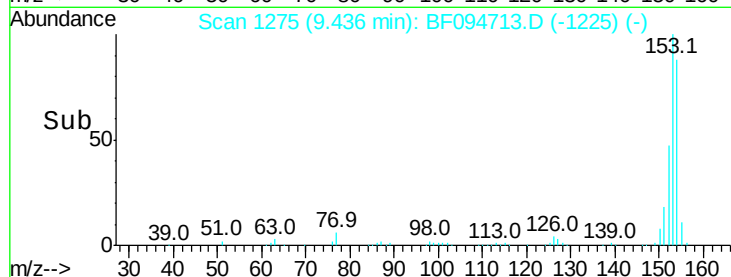
152 54.8 43.6 65.4



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: 19.08 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

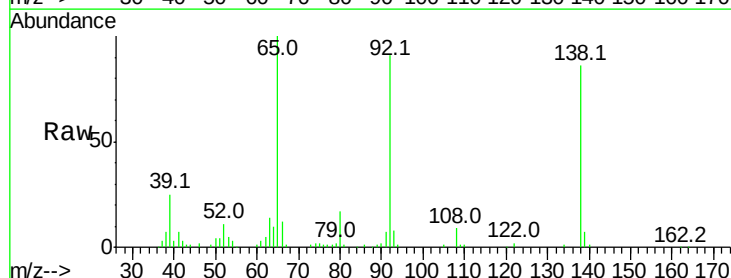
Tgt Ion:138 Resp: 80912

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

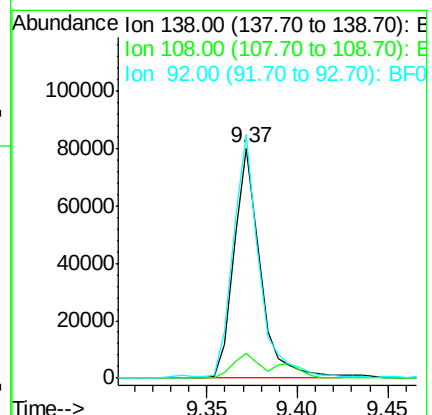
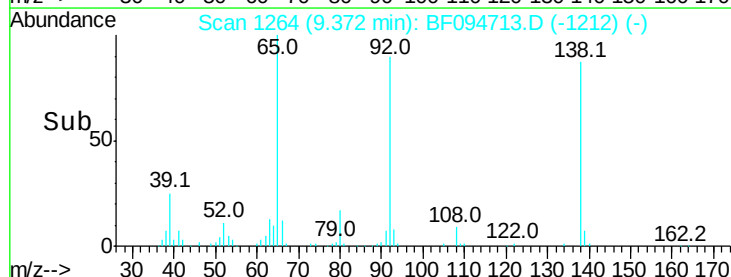
92 105.9 93.8 140.6

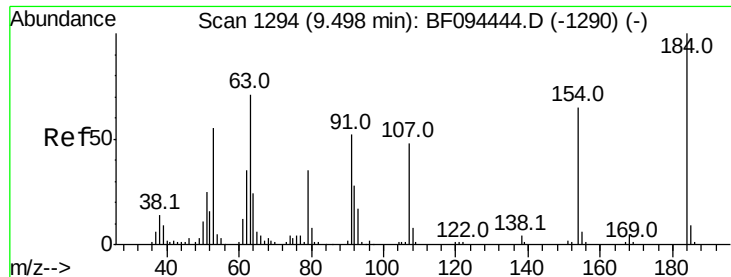


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

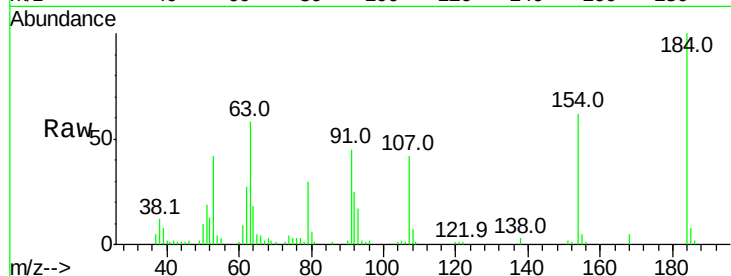




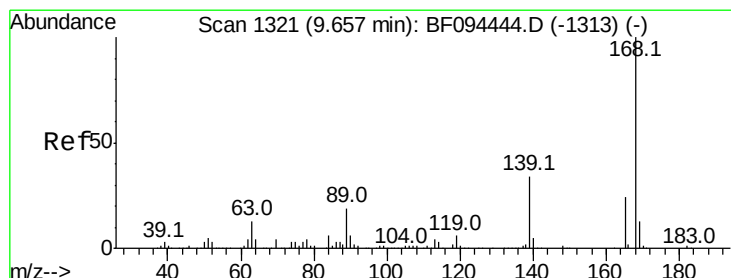
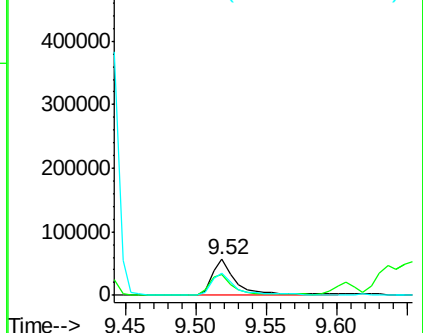
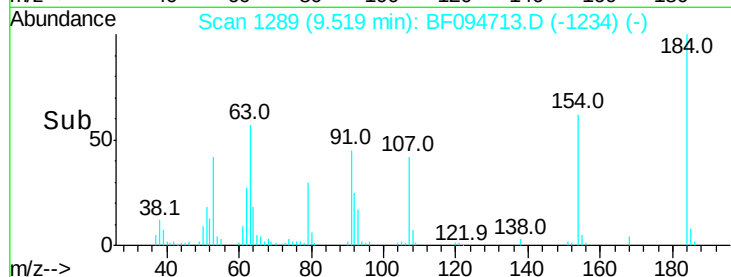
#53
 2,4-Dinitrophenol
 Concen: 37.60 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 68254
 Ion Ratio Lower Upper
 184 100
 63 57.8 62.7 94.1#
 154 61.5 81.1 121.7#

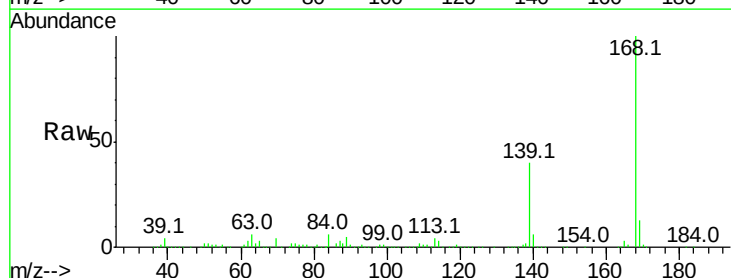


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

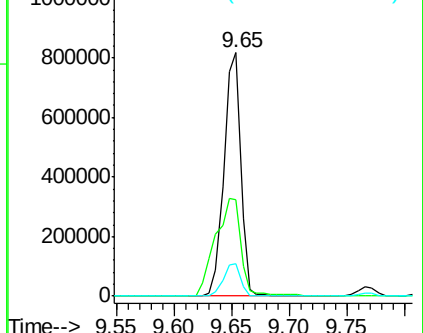
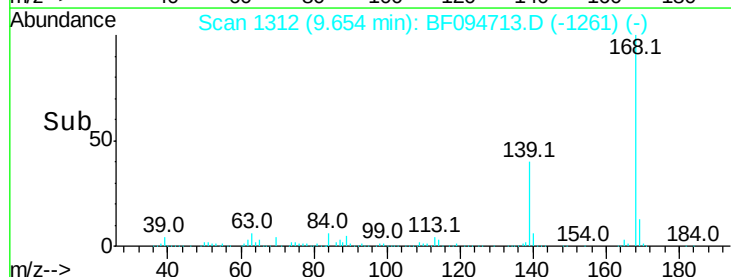


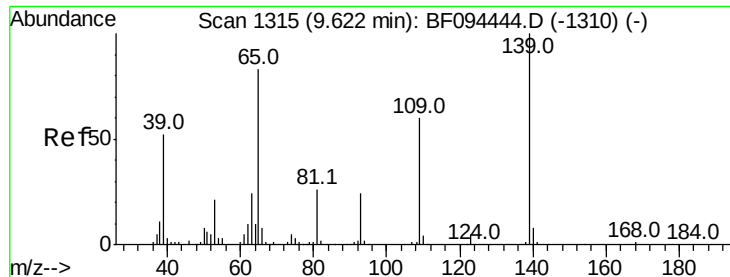
#54
 Dibenzofuran
 Concen: 42.78 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:168 Resp: 826492
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.6 45.8
 169 13.4 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

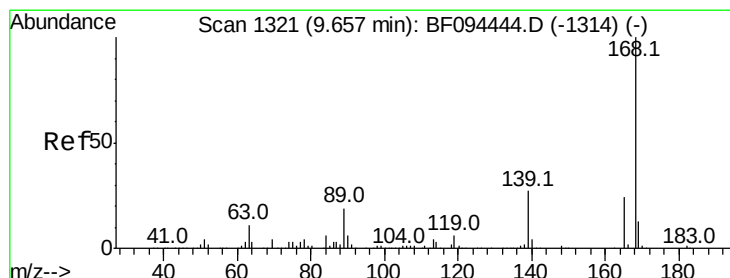
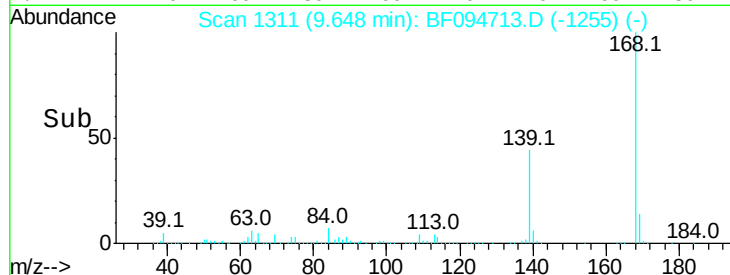
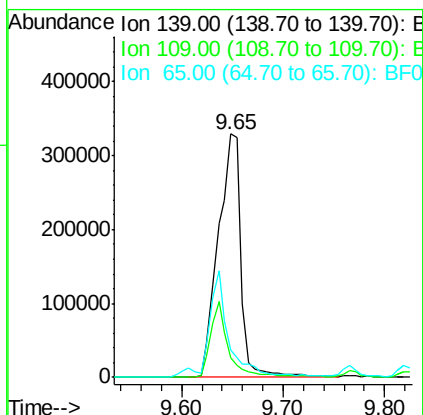
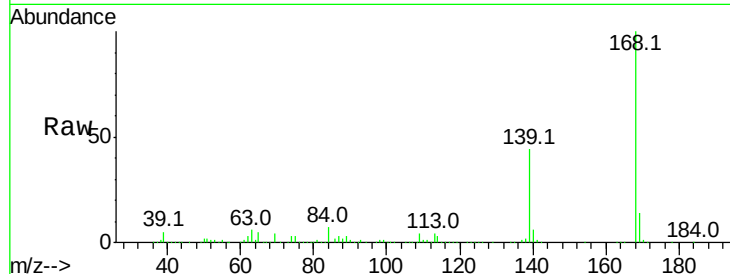




#55
4-Nitrophenol
Concen: 172.66 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.03 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

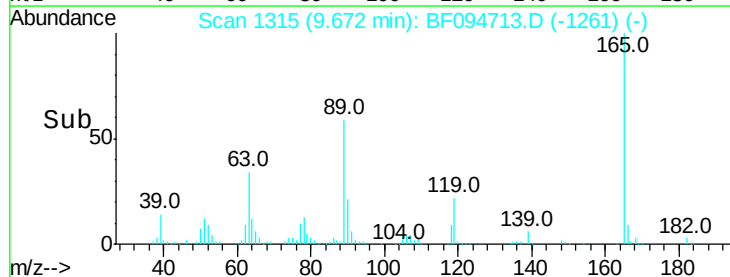
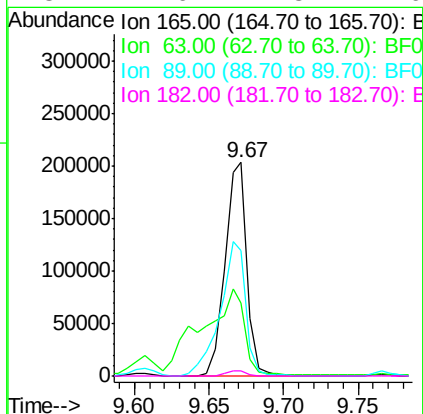
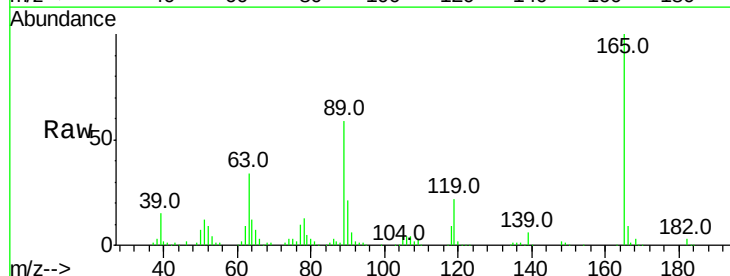
Instrument :
BNA_F
ClientSampleId :

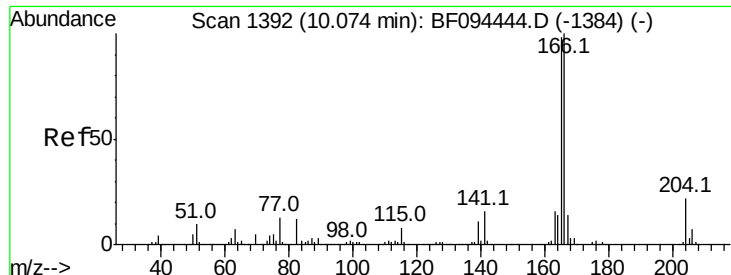
Tot Ion:139 Resp: 517371
Ion Ratio Lower Upper
139 100
109 8.3 34.1 74.1#
65 11.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 46.82 ng
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion:165 Resp: 210586
Ion Ratio Lower Upper
165 100
63 34.4 25.4 38.0
89 58.6 46.4 69.6
182 2.6 1.8 2.6

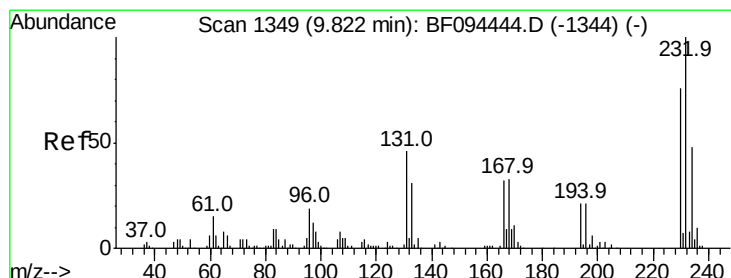
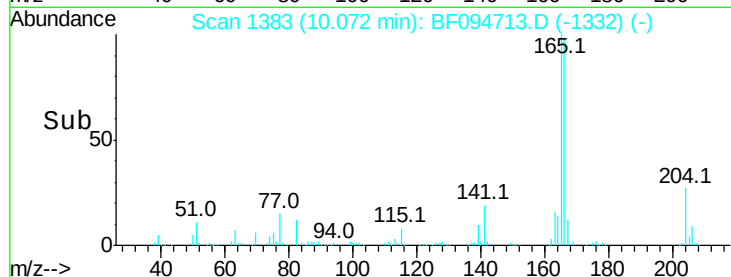
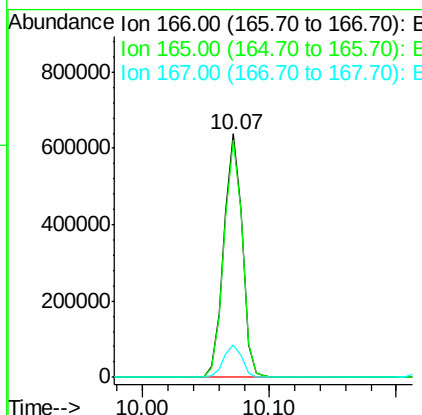
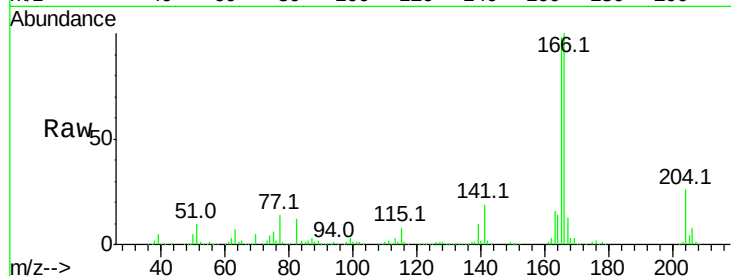




#57
 Fluorene
 Concen: 42.48 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

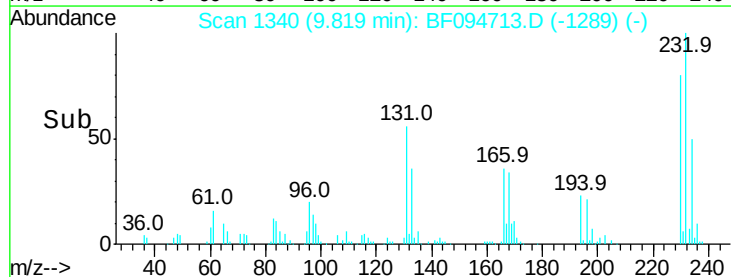
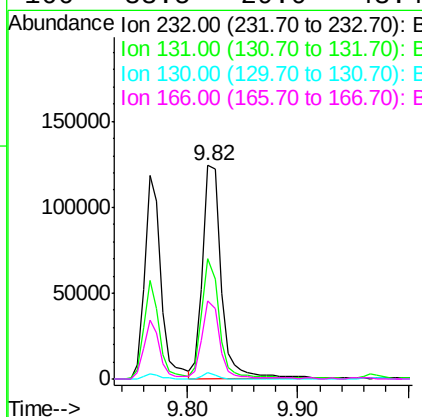
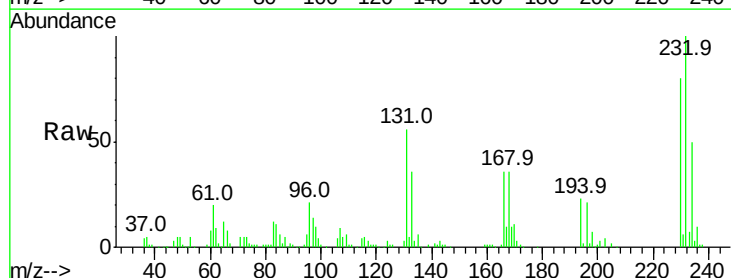
Instrument :
 BNA_F
 ClientSampleId :

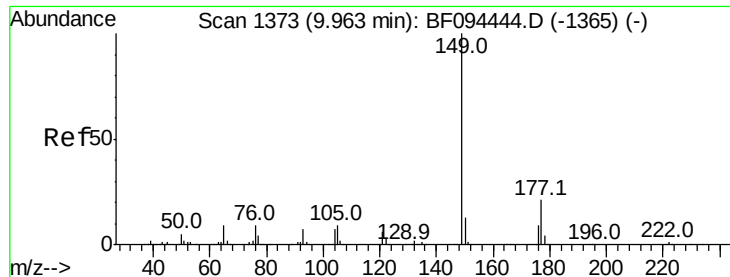
Tot Ion:166 Resp: 639204
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.79 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:232 Resp: 141268
 Ion Ratio Lower Upper
 232 100
 131 52.5 44.8 67.2
 130 2.3 2.3 3.5#
 166 33.5 29.0 43.4

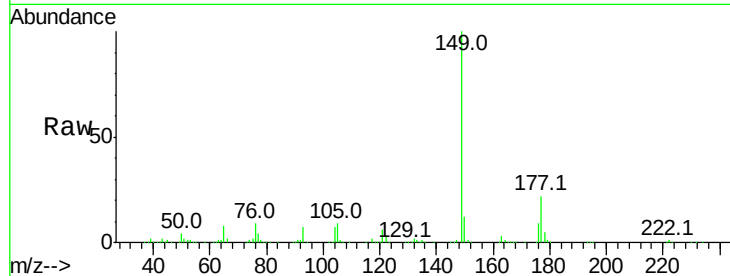




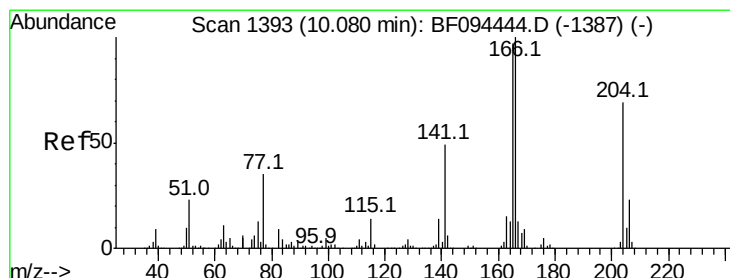
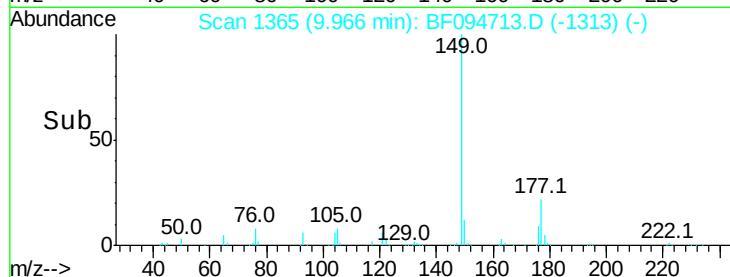
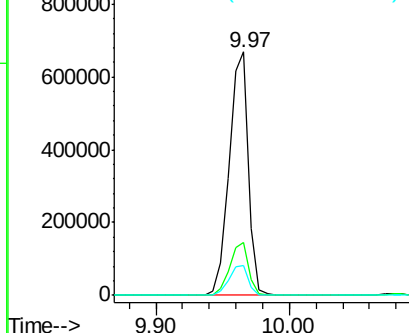
#59
Diethylphthalate
Concen: 44.07 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 679169
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.3 10.2 15.2

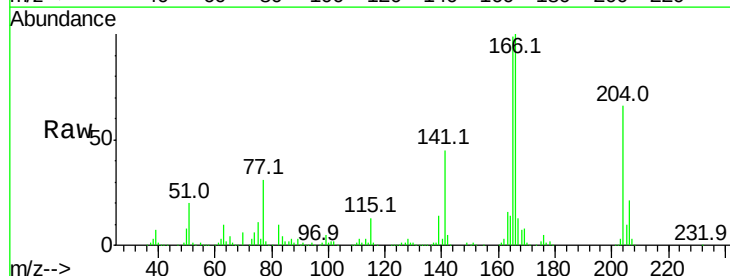


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

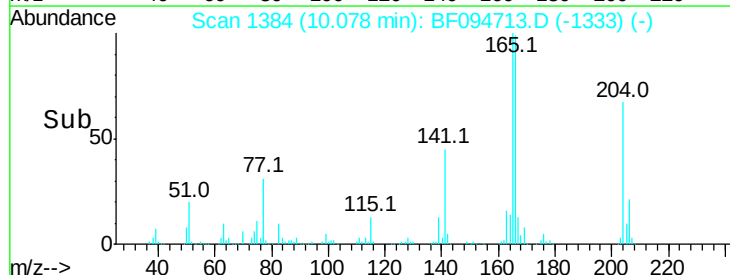
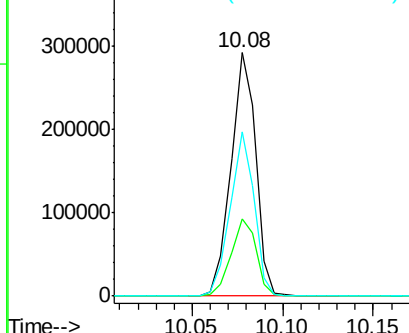


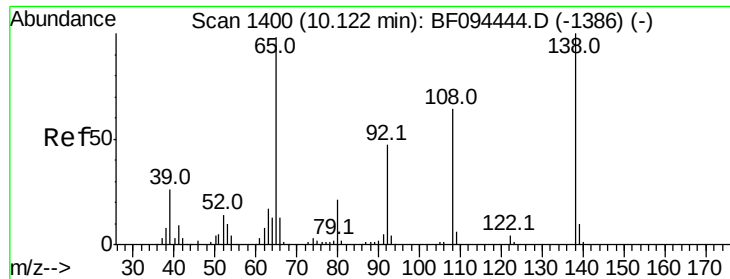
#60
4-Chlorophenyl-phenylether
Concen: 44.58 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion:204 Resp: 279127
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 67.5 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

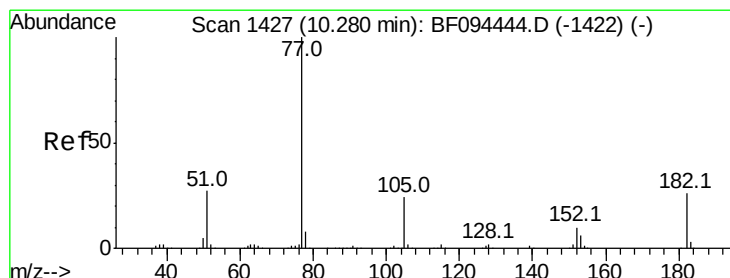
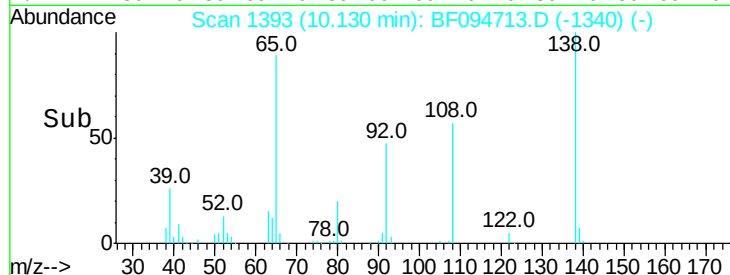
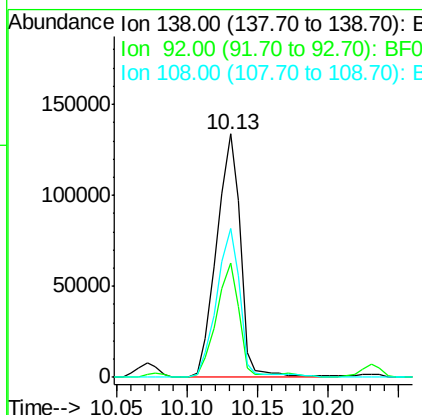
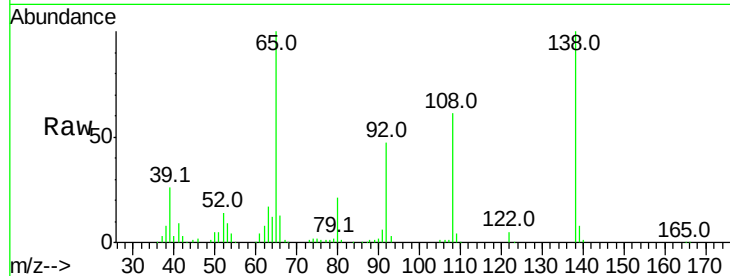




#61
 4-Nitroaniline
 Concen: 36.64 ng
 RT: 10.13 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

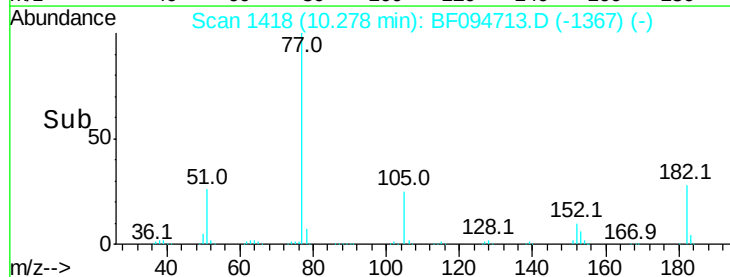
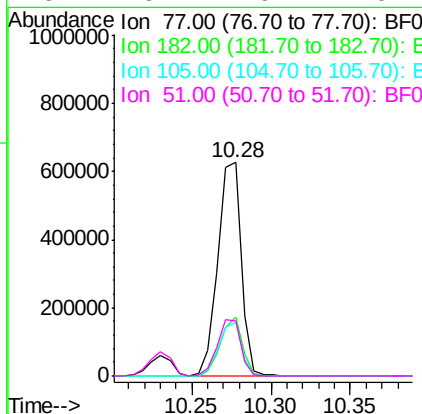
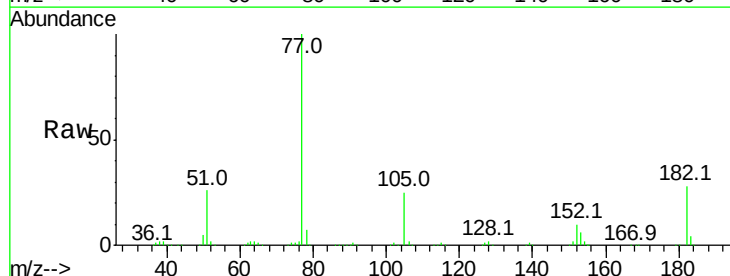
Instrument :
 BNA_F
 ClientSampleId :

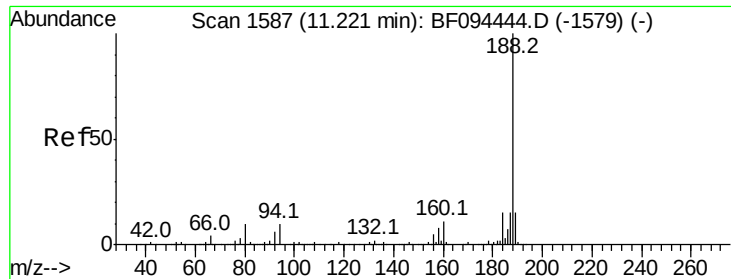
Tot Ion:138 Resp: 157964
 Ion Ratio Lower Upper
 138 100
 92 47.1 21.8 61.8
 108 61.2 42.3 82.3



#62
 Azobenzene
 Concen: 42.91 ng
 RT: 10.28 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion: 77 Resp: 642099
 Ion Ratio Lower Upper
 77 100
 182 27.6 0.1 40.1
 105 25.0 3.6 43.6
 51 25.7 9.4 49.4

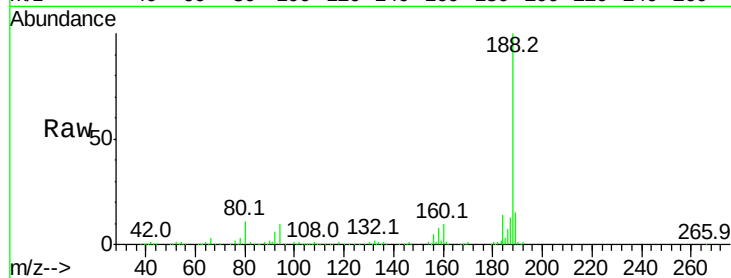




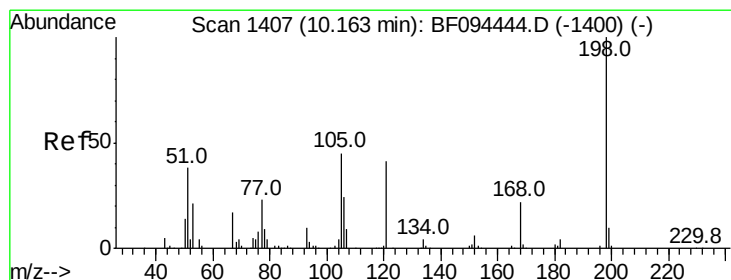
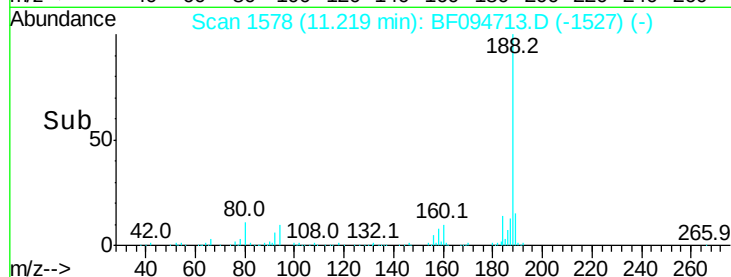
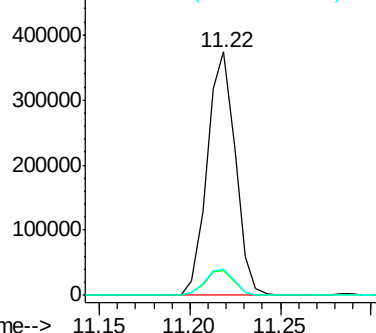
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 402950
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.6 10.2 15.2

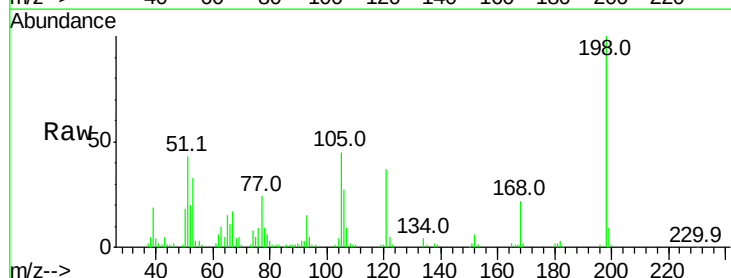


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

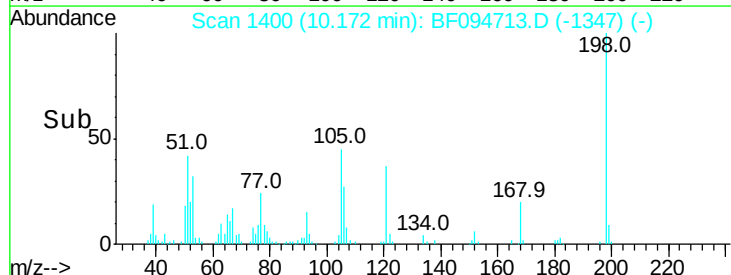
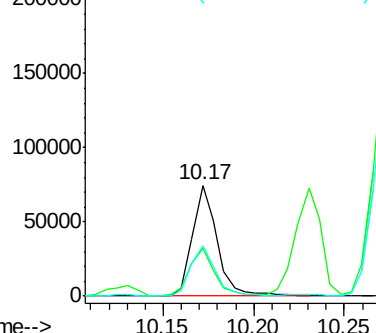


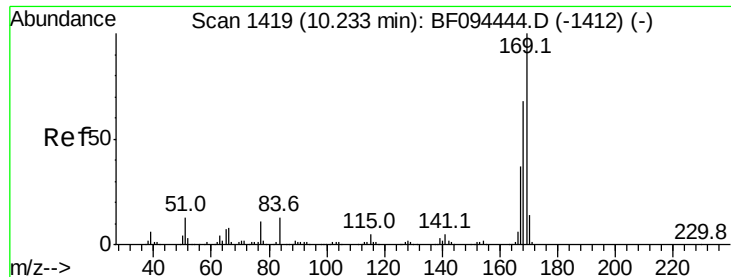
#64
4,6-Dinitro-2-methylphenol
Concen: 26.81 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion:198 Resp: 70772
Ion Ratio Lower Upper
198 100
51 43.1 53.2 93.2#
105 45.1 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: 42.11 ng

RT: 10.23 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

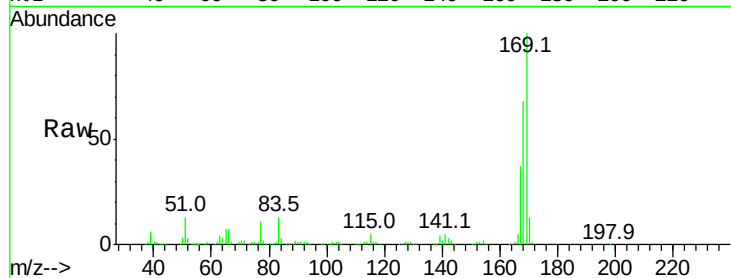
Tot Ion:169 Resp: 590121

Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

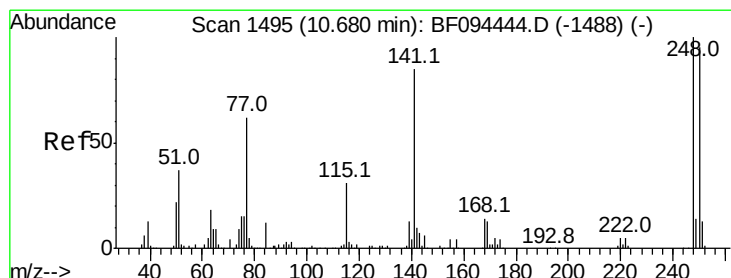
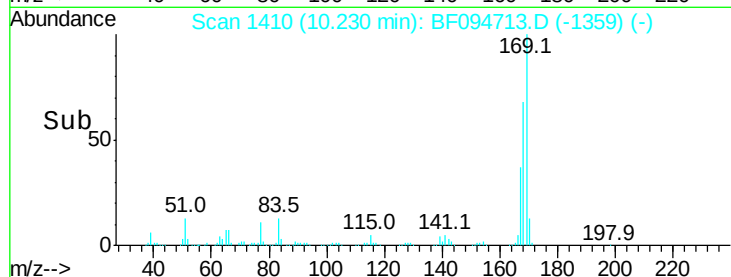
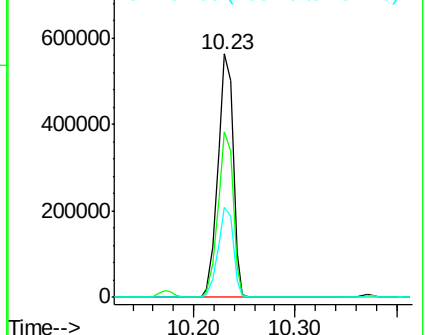
167 36.9 29.5 44.3



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: 43.36 ng

RT: 10.68 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

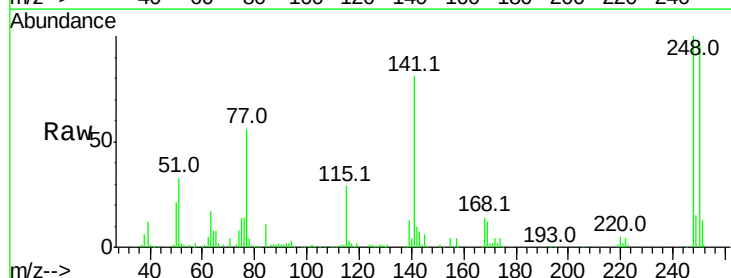
Tgt Ion:248 Resp: 173510

Ion Ratio Lower Upper

248 100

250 95.5 76.8 115.2

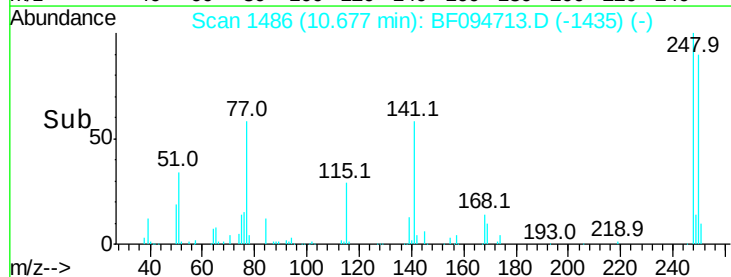
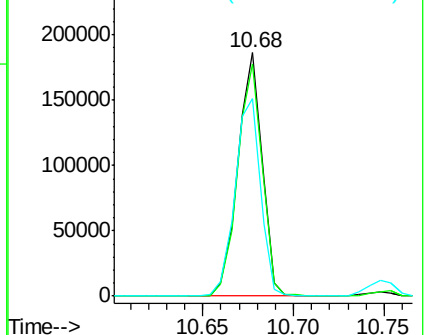
141 81.4 68.6 103.0

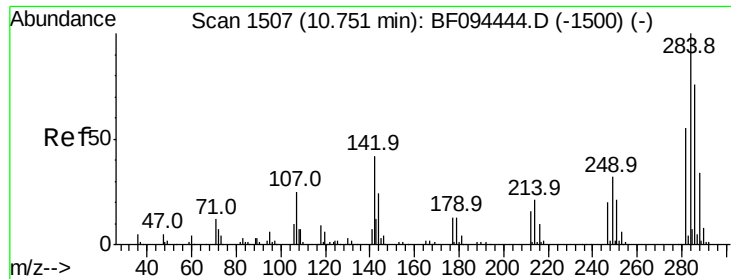


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

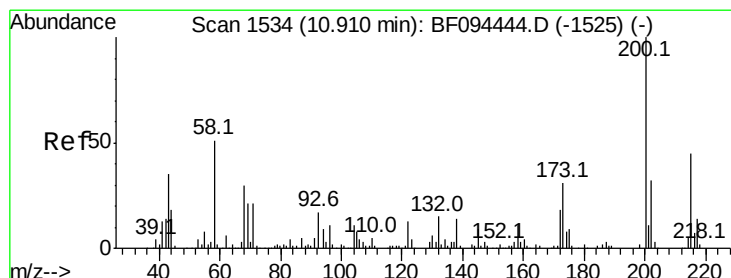
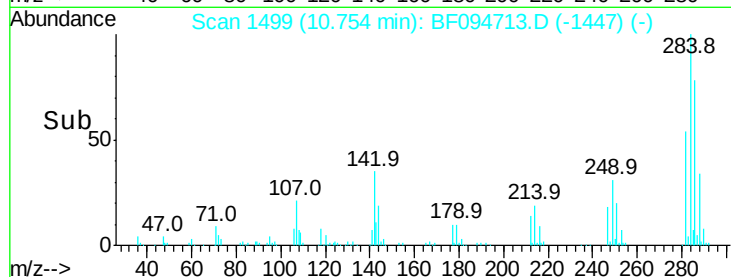
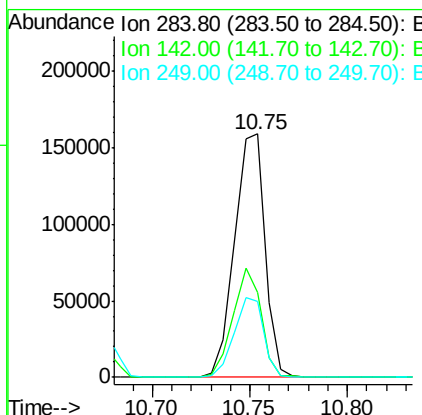
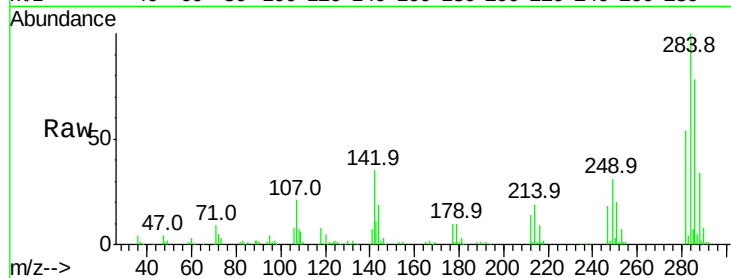




#67
Hexachlorobenzene
Concen: 42.74 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

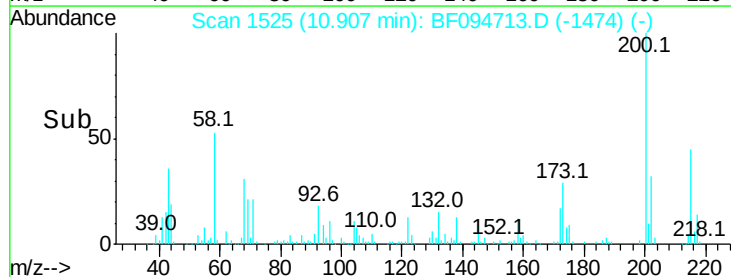
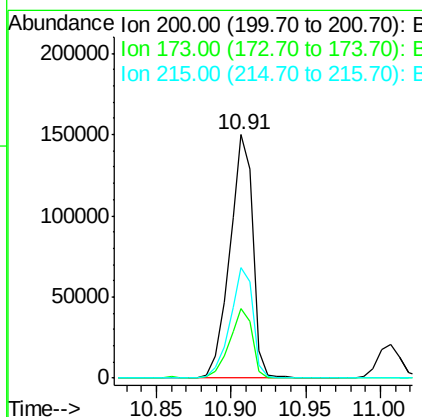
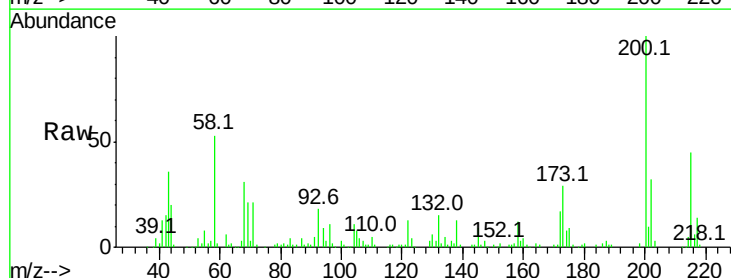
Instrument :
BNA_F
ClientSampled :

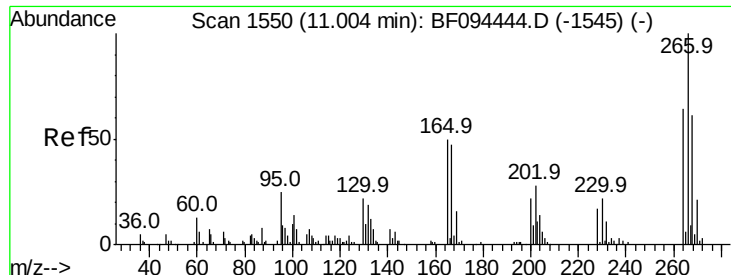
Tot Ion:284 Resp: 172332
Ion Ratio Lower Upper
284 100
142 34.8 22.8 34.2#
249 31.0 24.0 36.0



#68
Atrazine
Concen: 39.04 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion:200 Resp: 163681
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 45.4 27.2 67.2

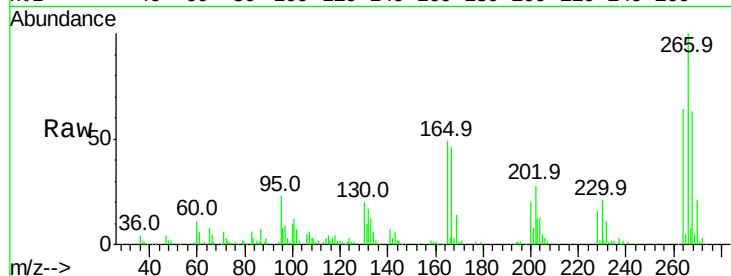




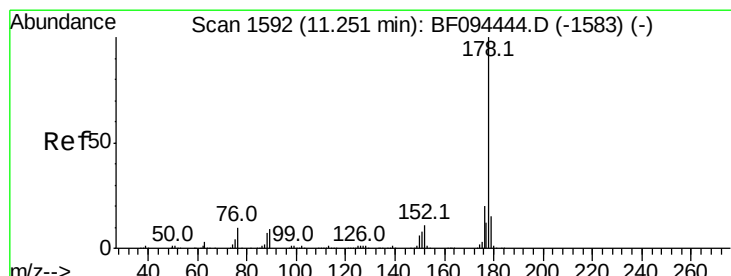
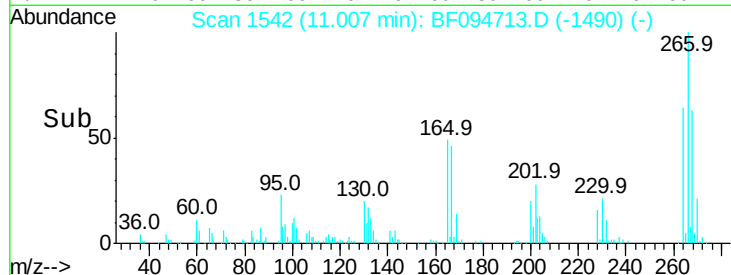
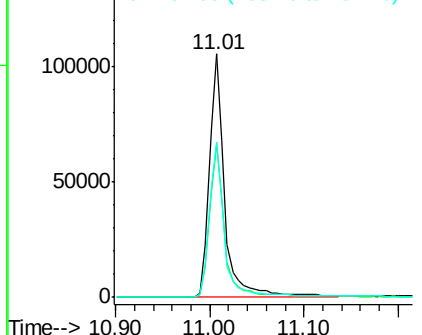
#69
 Pentachlorophenol
 Concen: 76.66 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 122740
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.1 76.7
 264 63.7 51.7 77.5

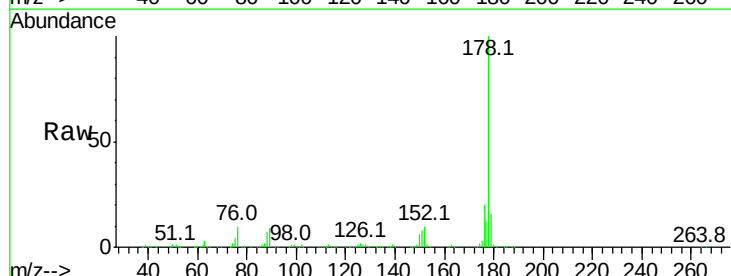


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

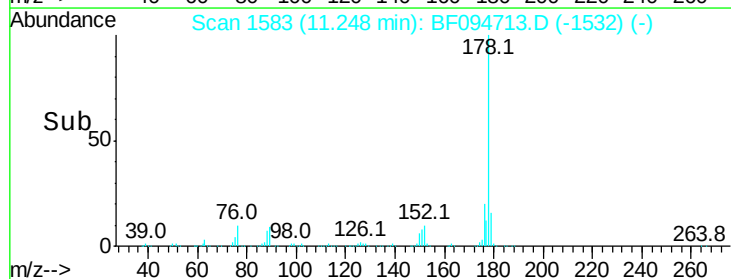
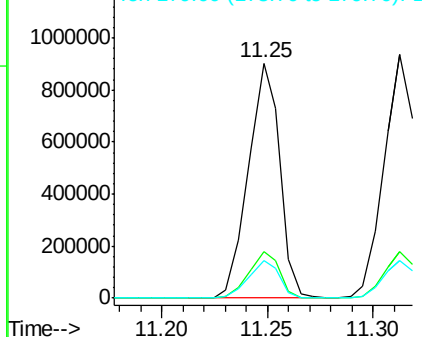


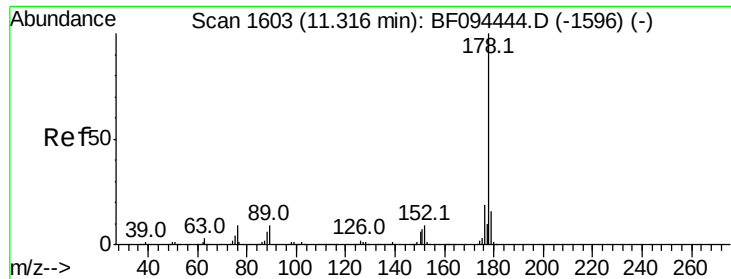
#70
 Phenanthrene
 Concen: 41.17 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:178 Resp: 934159
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.7 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

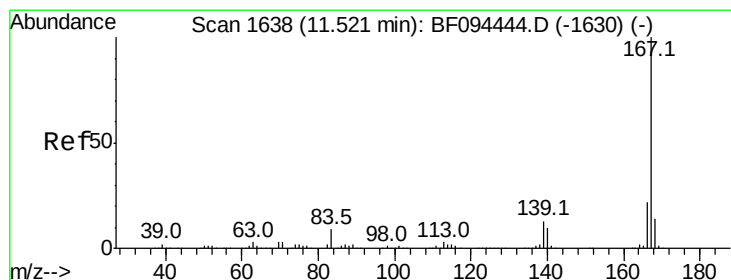
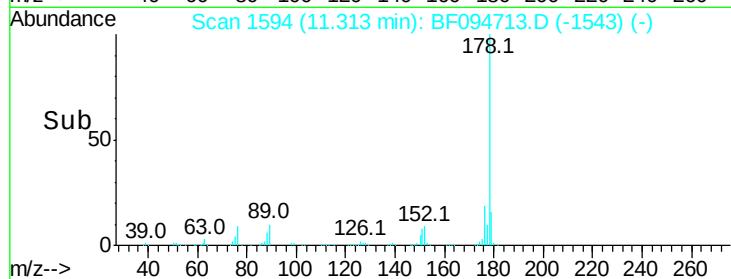
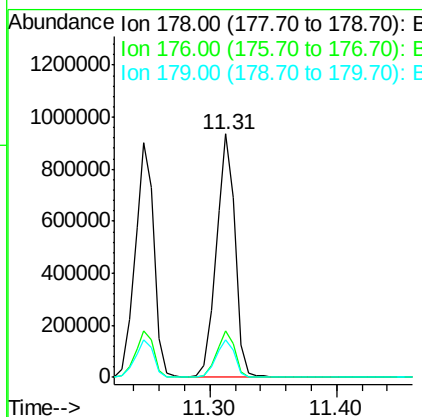
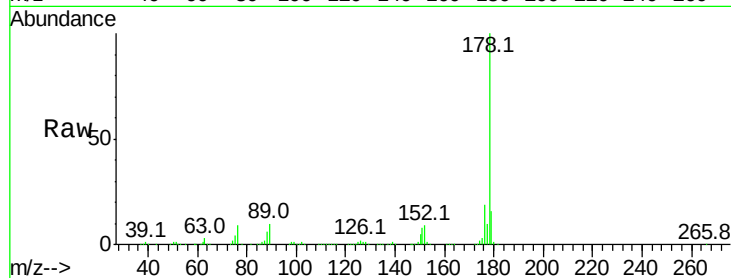




#71
 Anthracene
 Concen: 41.20 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

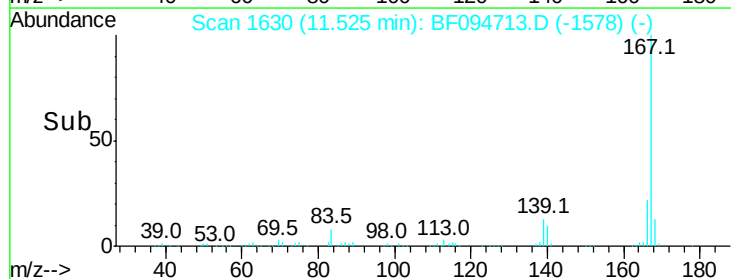
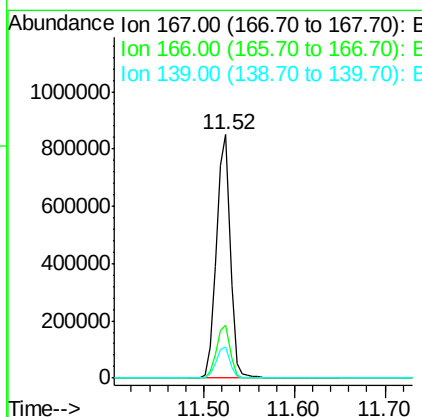
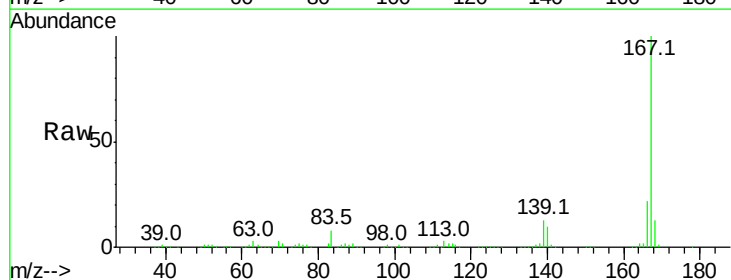
Instrument :
 BNA_F
 ClientSampleId :

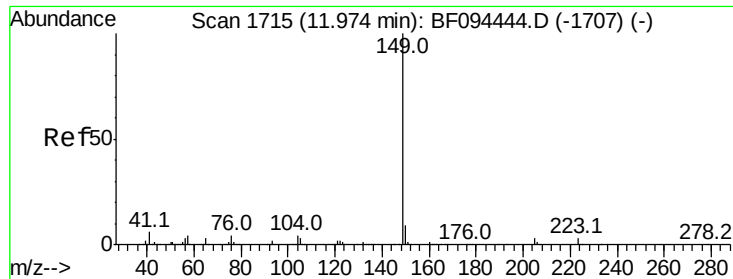
Tot Ion:178 Resp: 967072
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 40.66 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:167 Resp: 895820
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 12.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.86 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

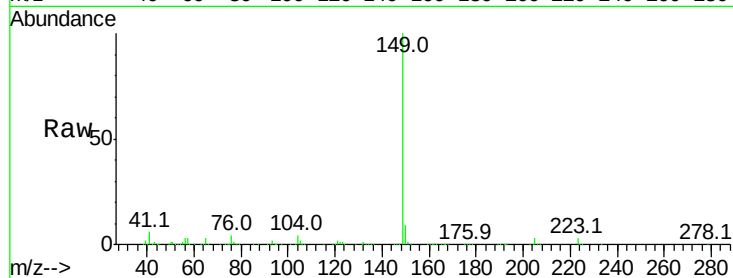
Tot Ion:149 Resp: 1112397

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

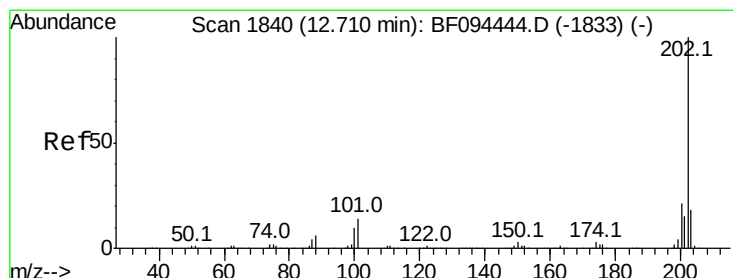
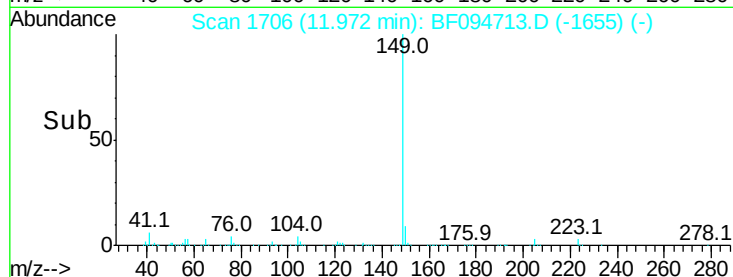
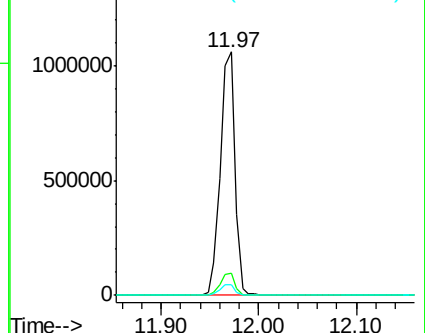
104 4.2 4.0 6.0



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: 41.92 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

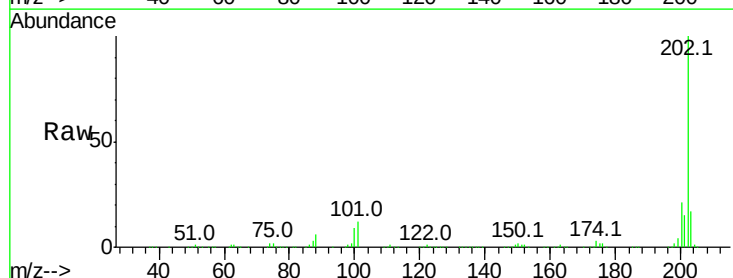
Tgt Ion:202 Resp: 985759

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

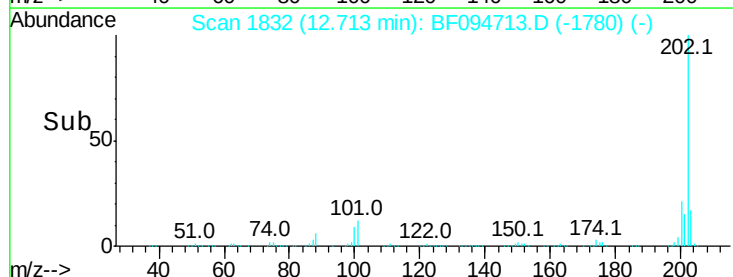
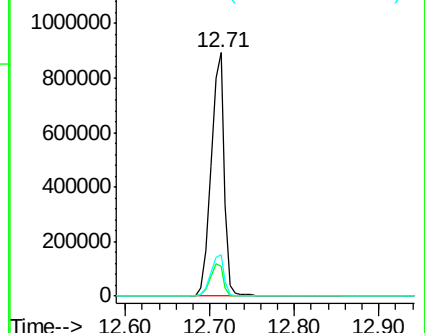
203 17.0 0.0 38.1

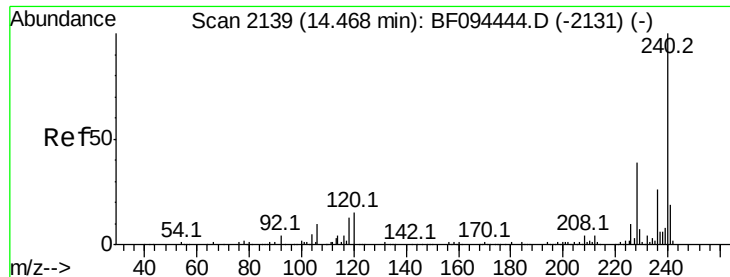


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

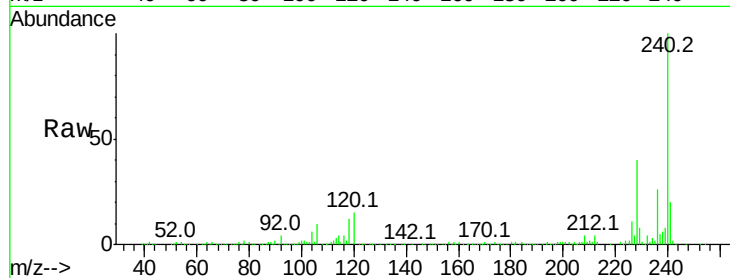
Tot Ion:240 Resp: 316627

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

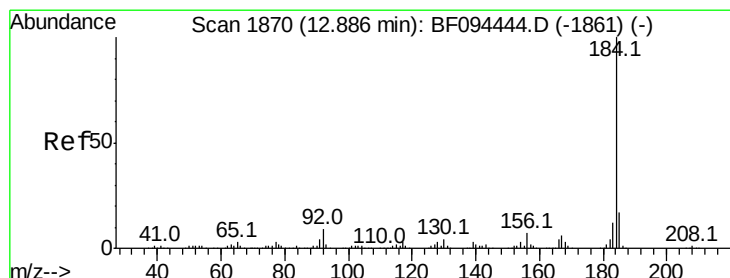
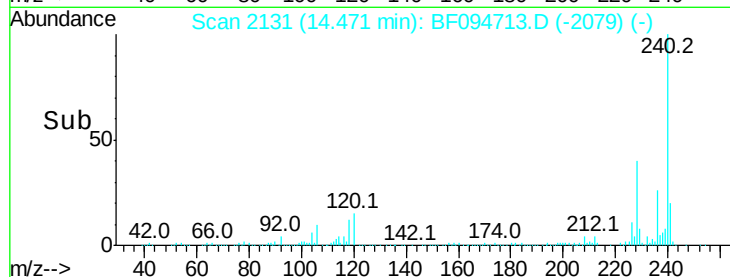
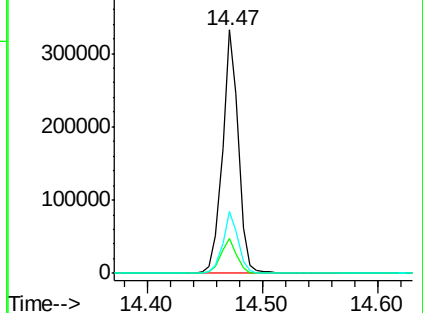
236 25.5 20.5 30.7



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: 25.82 ng

RT: 12.88 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

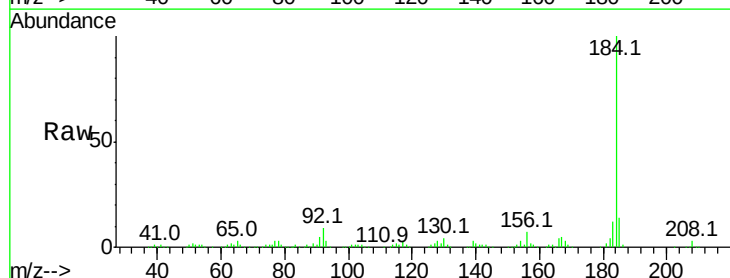
Tgt Ion:184 Resp: 331078

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

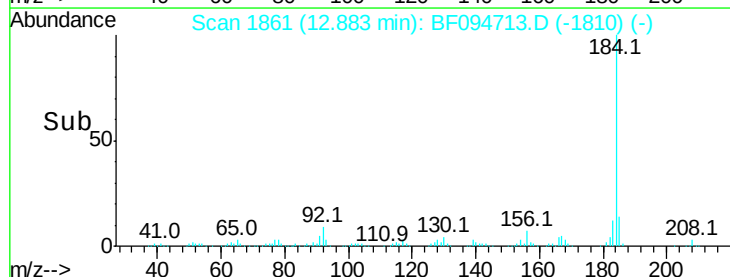
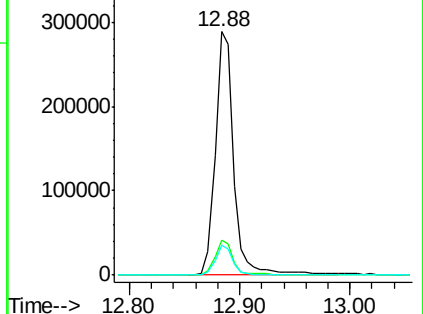
183 12.1 9.8 14.6

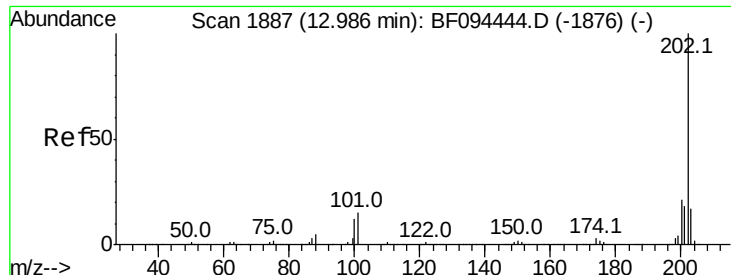


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

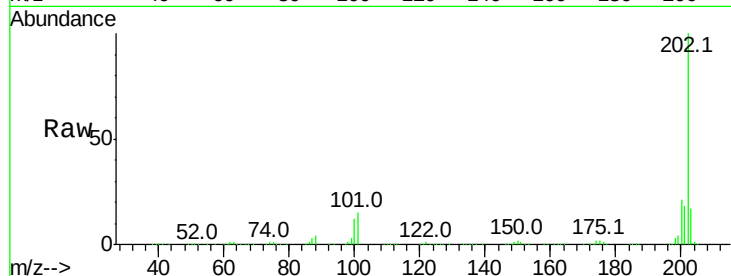




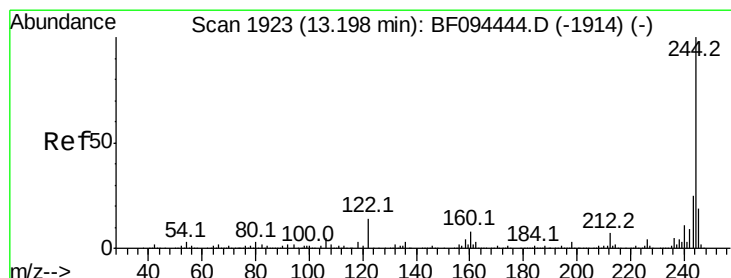
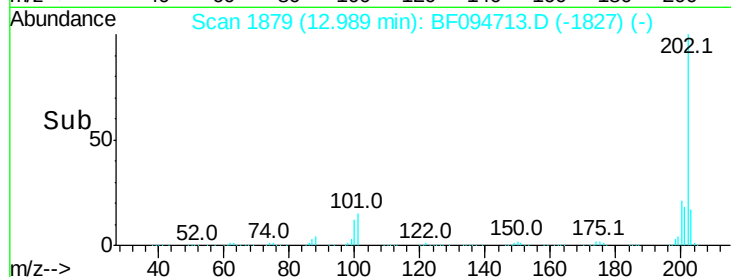
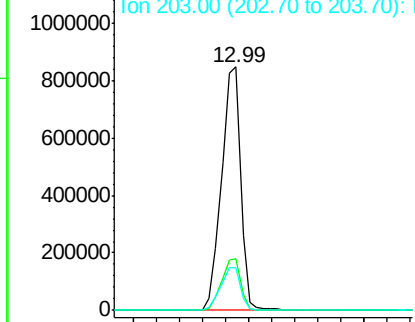
#77
Pvrene
Concen: 44.36 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 981401
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 17.4 14.4 21.6

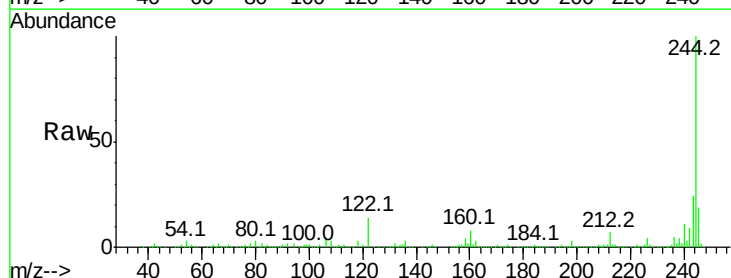


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

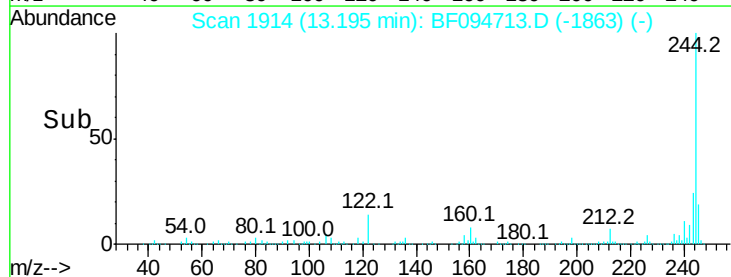
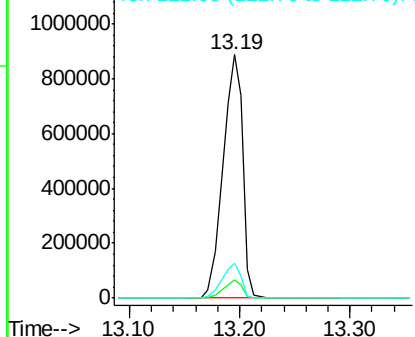


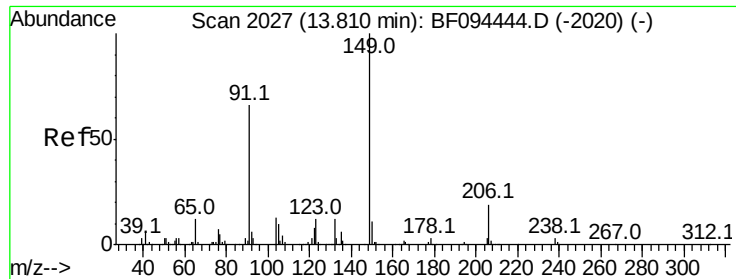
#78
Terphenyl-d14
Concen: 92.88 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion:244 Resp: 1100192
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 14.2 10.3 15.5



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





#79

Butylbenzylphthalate

Concen: 47.76 ng

RT: 13.81 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampled :

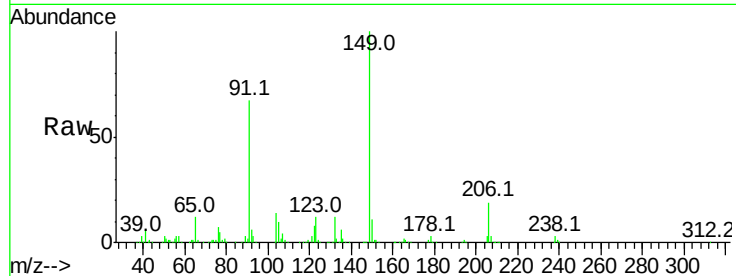
Tot Ion:149 Resp: 463054

Ion Ratio Lower Upper

149 100

91 67.2 45.0 67.4

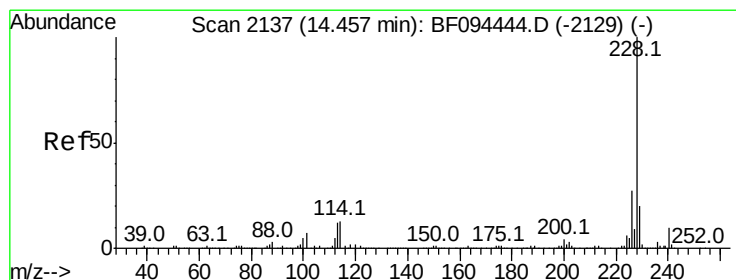
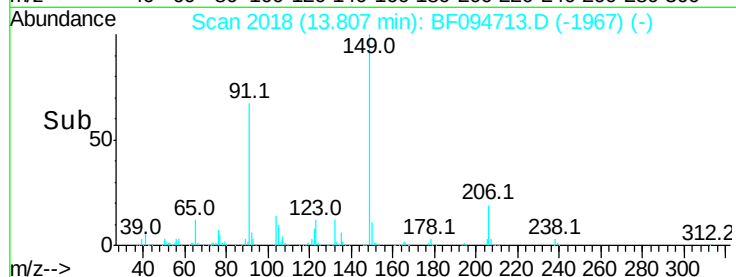
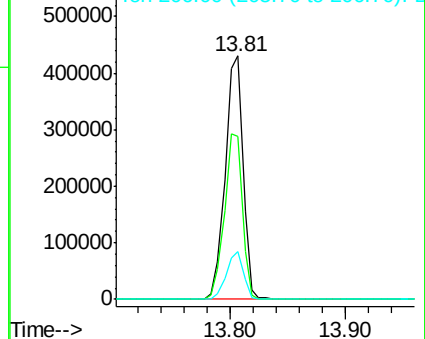
206 19.4 17.0 25.6



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: 42.81 ng

RT: 14.46 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

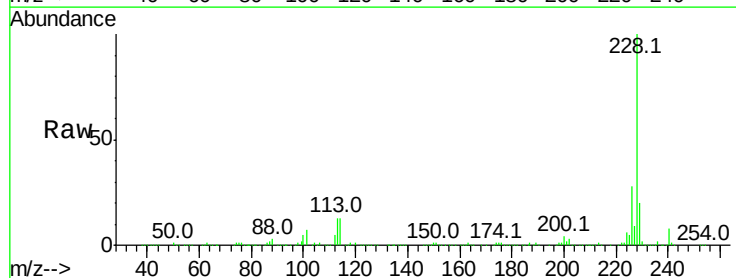
Tgt Ion:228 Resp: 787816

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

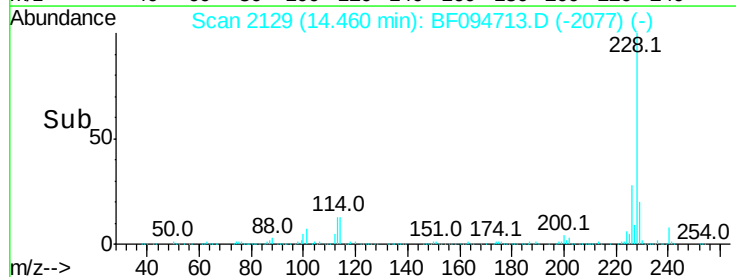
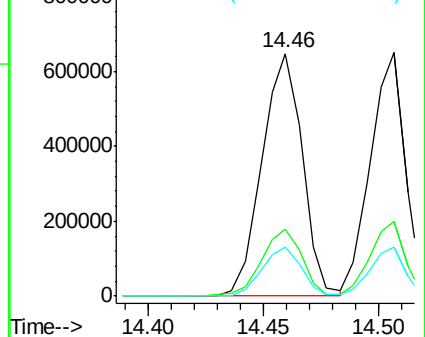
229 20.1 16.3 24.5

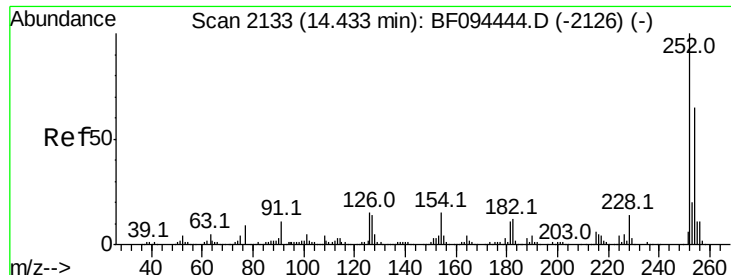


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

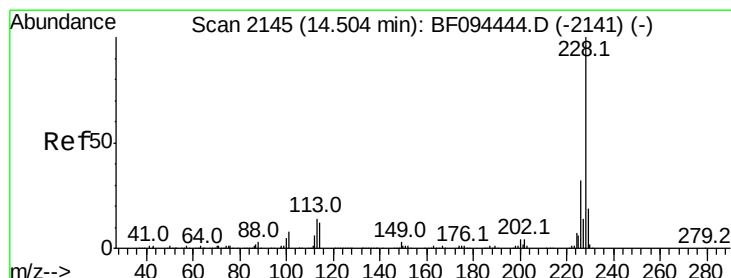
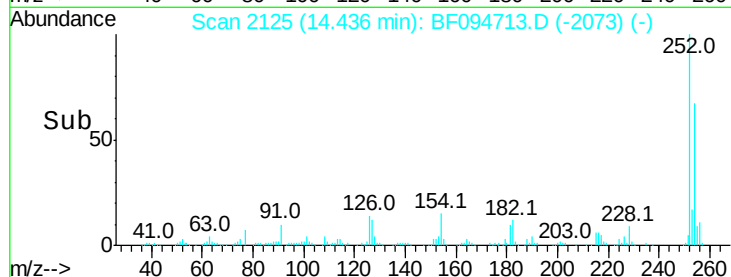
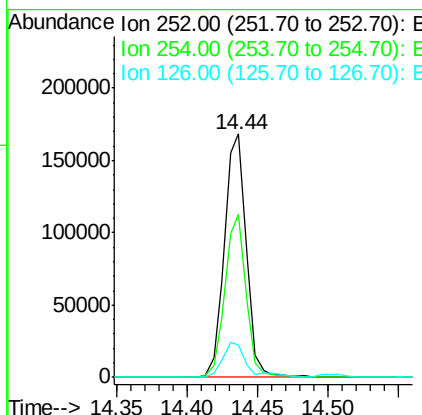
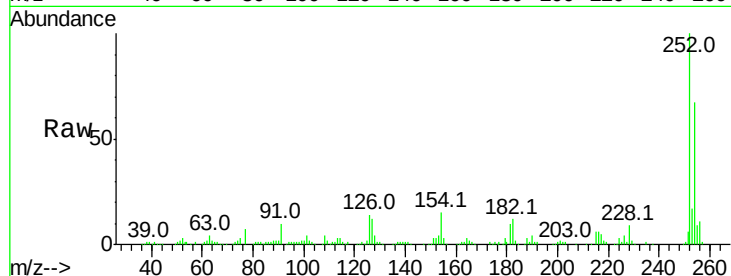




#81
 3,3'-Dichlorobenzidine
 Concen: 27.85 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

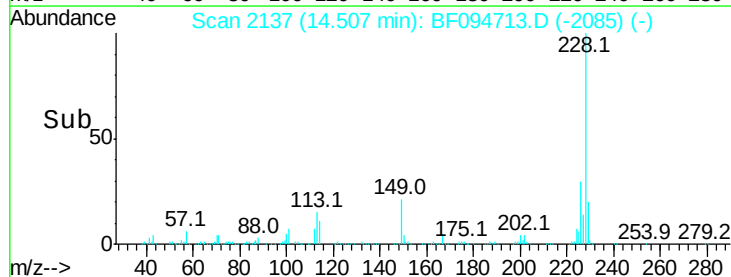
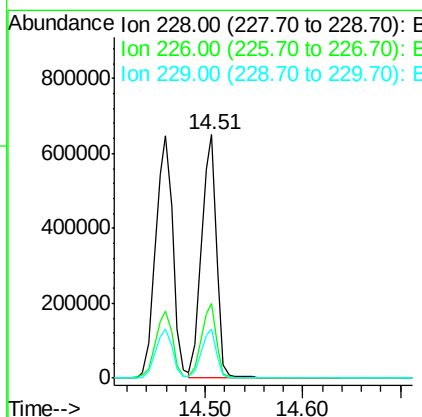
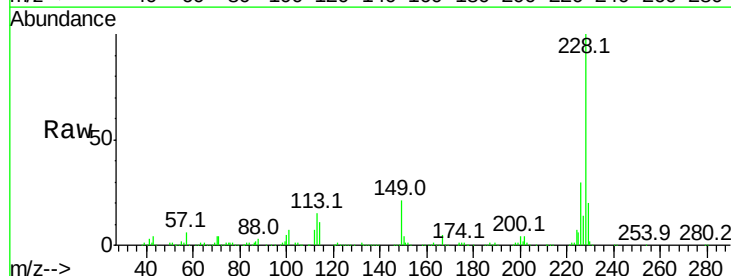
Instrument :
 BNA_F
 ClientSampleId :

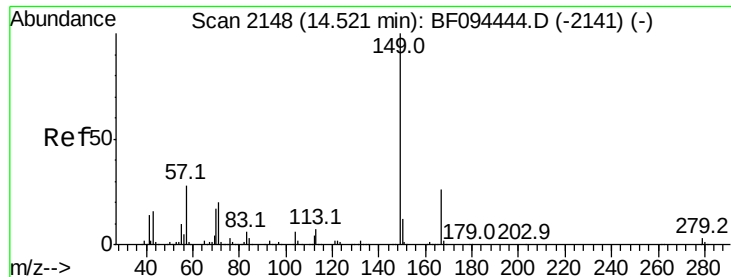
Tot Ion:252 Resp: 181418
 Ion Ratio Lower Upper
 252 100
 254 66.7 51.5 77.3
 126 13.5 15.8 23.8#



#82
 Chrysene
 Concen: 40.92 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:228 Resp: 688186
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 20.2 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.21 ng

RT: 14.52 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

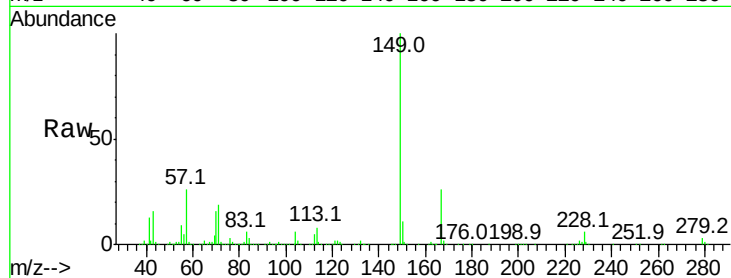
Tot Ion:149 Resp: 640541

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

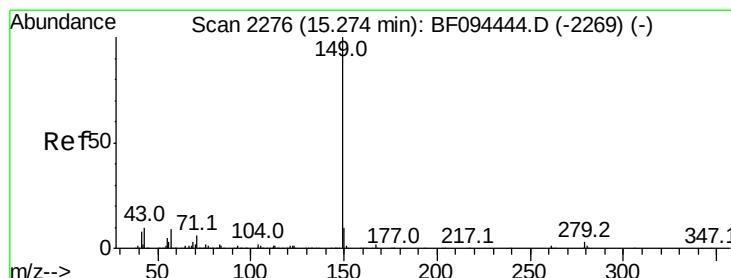
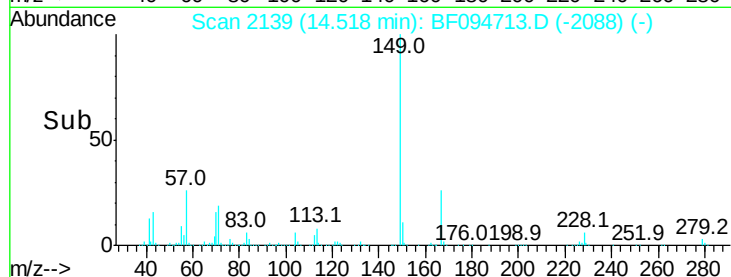
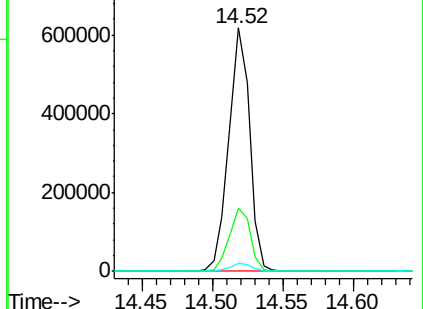
279 3.1 1.9 2.9#



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: 46.42 ng

RT: 15.27 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

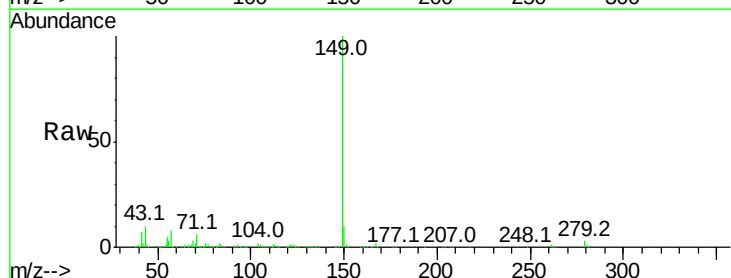
Tgt Ion:149 Resp: 1013458

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

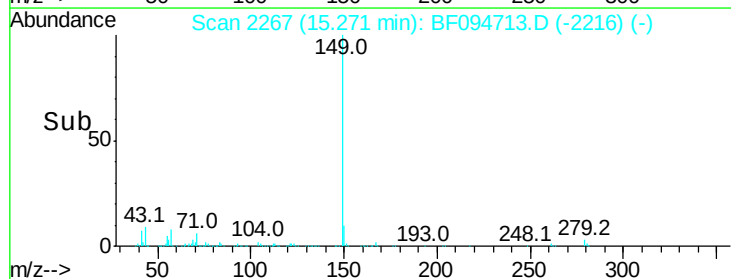
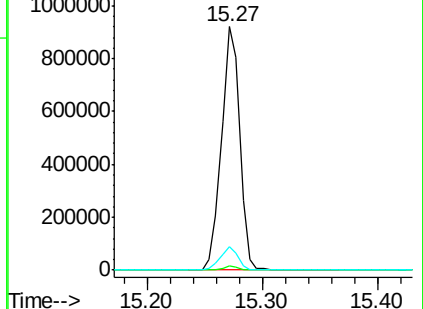
43 9.0 8.5 12.7

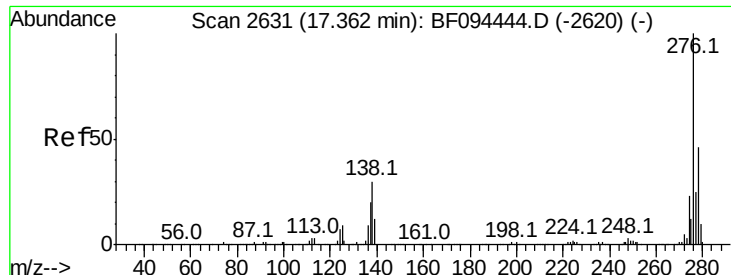


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

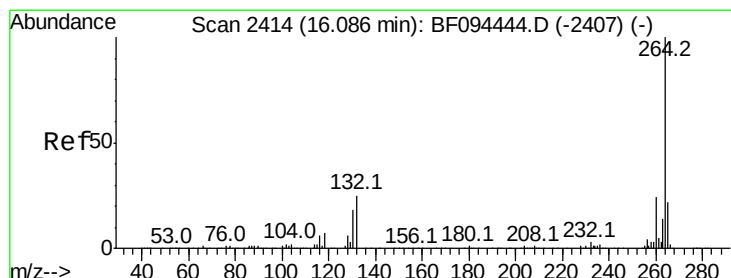
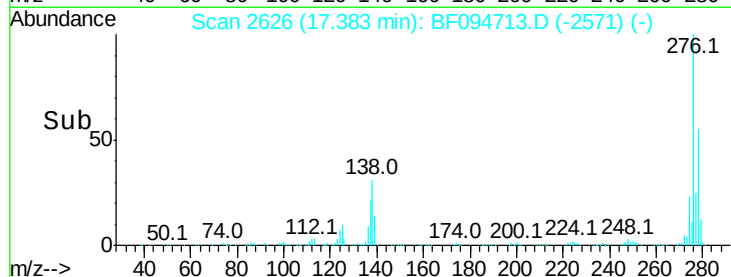
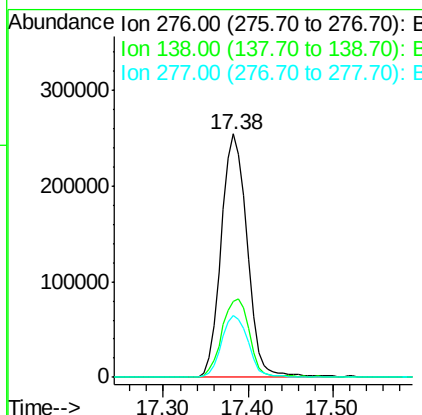
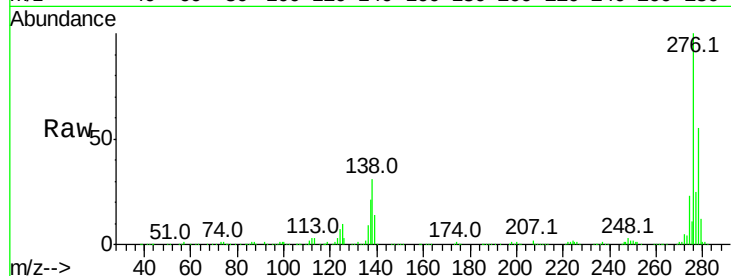




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.09 ng
 RT: 17.38 min Scan# 2626
 Delta R.T. 0.02 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

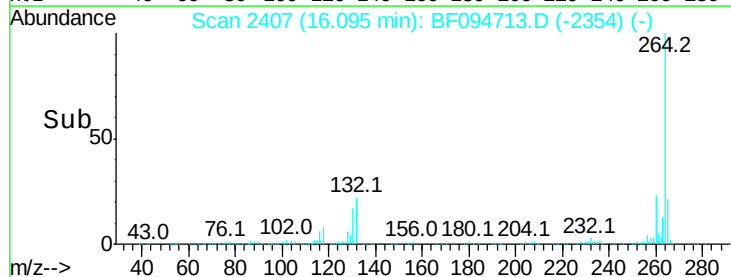
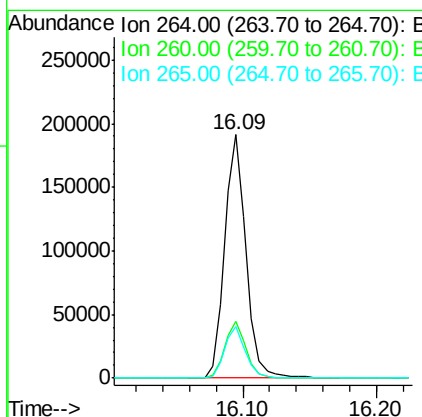
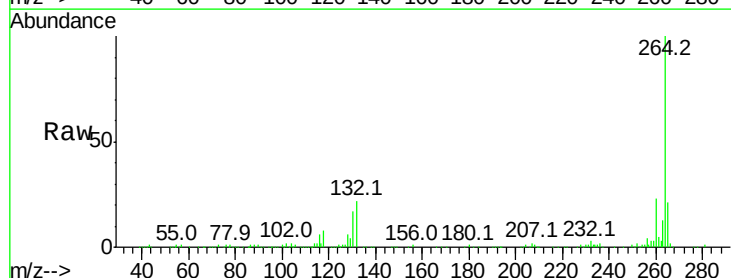
Instrument :
 BNA_F
 ClientSampleId :

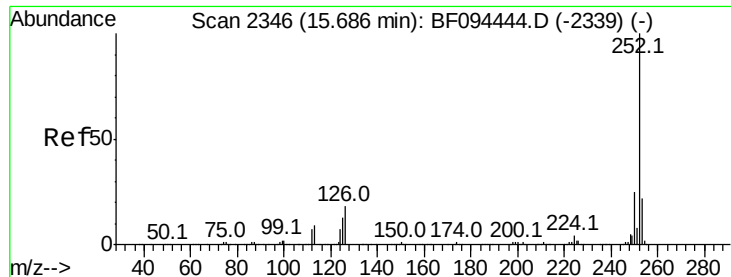
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.8	41.6
277	25.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.98 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

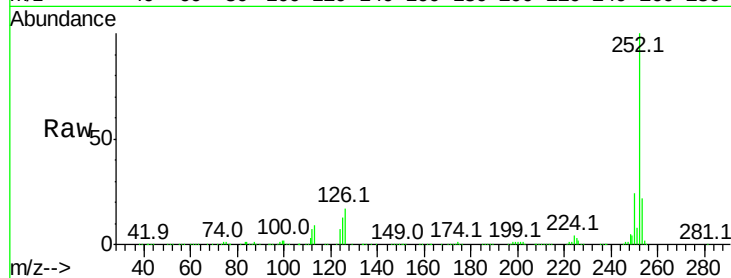
Tot Ion:252 Resp: 631921

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

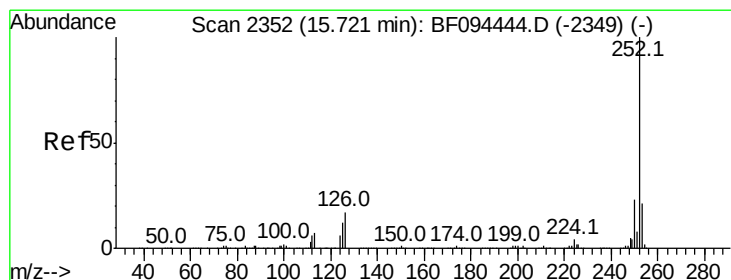
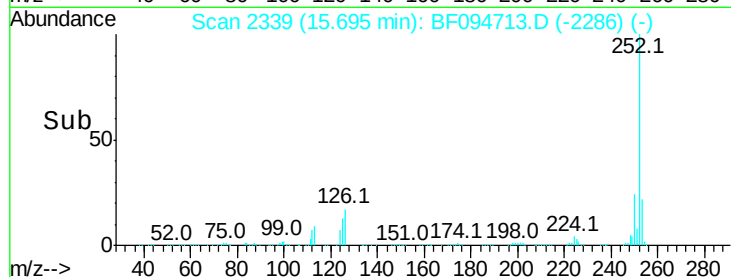
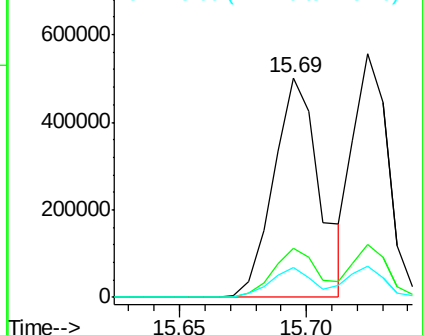
125 13.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.70 ng

RT: 15.69 min Scan# 2339

Delta R.T. -0.03 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

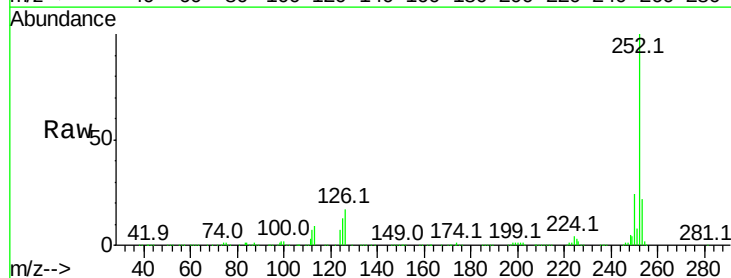
Tgt Ion:252 Resp: 631921

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

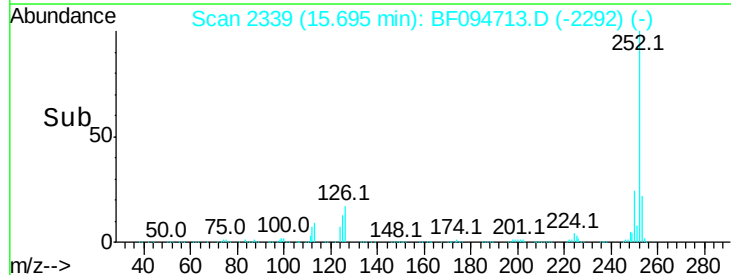
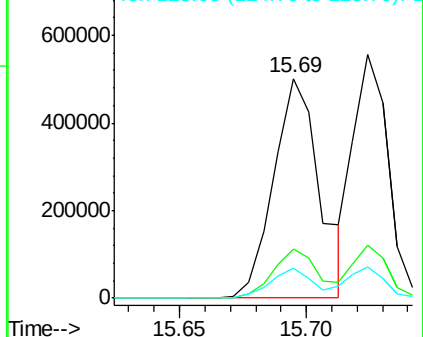
125 13.4 13.1 19.7

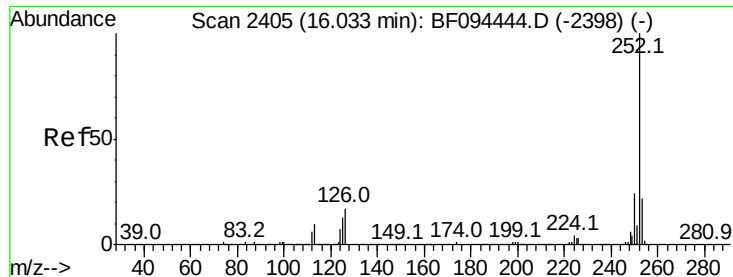


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

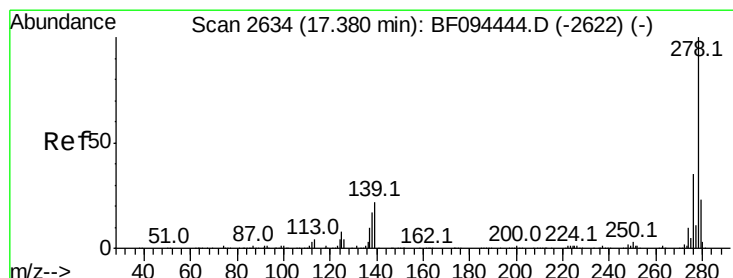
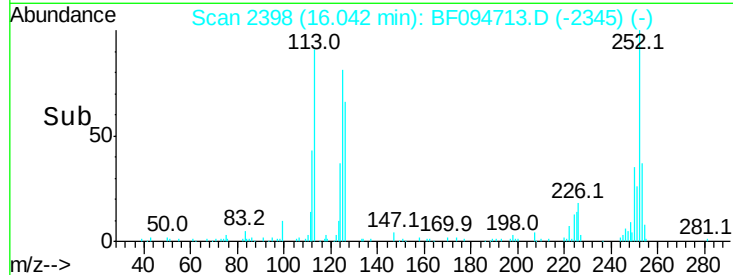
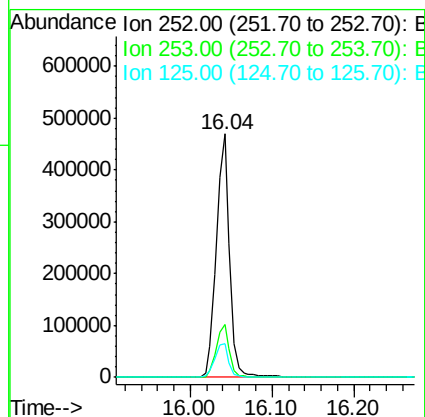
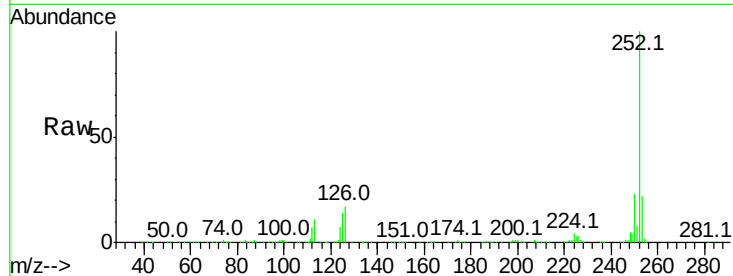




#89
Benzo(a)pyrene
Concen: 43.32 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

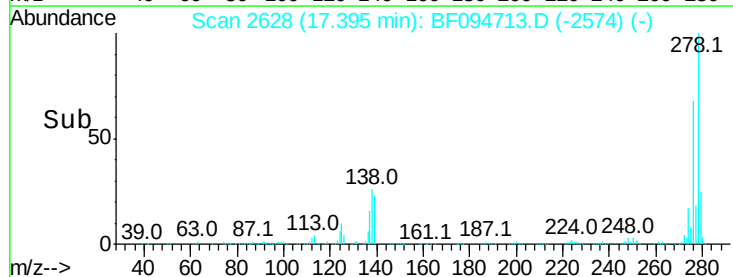
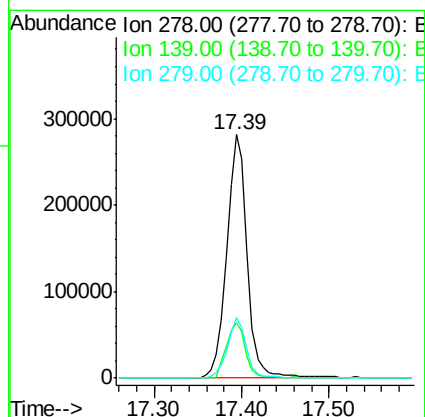
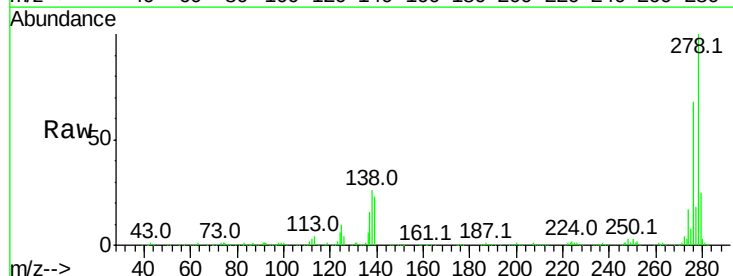
Instrument :
BNA_F
ClientSampleId :

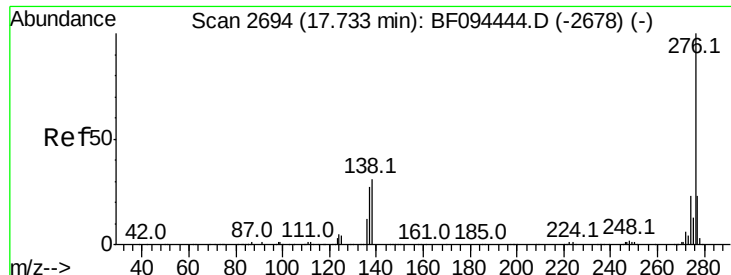
Tot Ion:252 Resp: 530788
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 13.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 44.62 ng
RT: 17.39 min Scan# 2628
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion:278 Resp: 454046
Ion Ratio Lower Upper
278 100
139 22.5 16.6 24.8
279 24.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 43.85 ng

RT: 17.76 min Scan# 2690

Delta R.T. 0.03 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

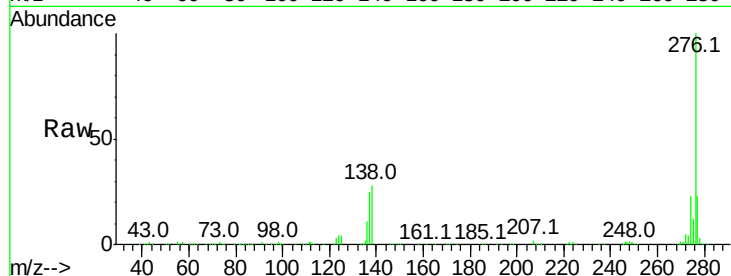
Tot Ion:276 Resp: 454281

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 28.2 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

