

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094430.D
 Acq On : 14 Apr 2017 16:07
 Operator : SJ/MA
 Sample : PB98252BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 23:33:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	148344	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	590524	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	275230	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	505860	20.00	ng	0.00
75) Chrysene-d12	14.48	240	397075	20.00	ng	0.00
86) Perylene-d12	16.10	264	287982	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	726831	82.76	ng	0.01
7) Phenol-d6	5.40	99	888457	81.77	ng	0.00
23) Nitrobenzene-d5	6.43	82	803834	77.68	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	193653	89.04	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1520190	84.25	ng	0.00
78) Terphenyl-d14	13.21	244	1330411	75.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.15	88	137705	32.64	ng	98
3) Pyridine	2.63	79	404214	35.15	ng	98
4) n-Nitrosodimethylamine	2.60	42	181292	38.31	ng	89
6) Aniline	5.40	93	207326	13.72	ng	# 80
8) 2-Chlorophenol	5.55	128	416431	43.14	ng	97
9) Benzaldehyde	5.26	77	104610	14.26	ng	98
10) Phenol	5.42	94	497755	40.26	ng	88
11) bis(2-Chloroethyl)ether	5.48	93	384448	39.79	ng	100
12) 1,3-Dichlorobenzene	5.70	146	433353	40.02	ng	98
13) 1,4-Dichlorobenzene	5.79	146	442028	40.30	ng	96
14) 1,2-Dichlorobenzene	5.97	146	408113	40.41	ng	96
15) Benzyl Alcohol	5.95	79	316223	39.76	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	492515	33.08	ng	# 44
17) 2-Methylphenol	6.10	107	331685	40.12	ng	# 91
18) Hexachloroethane	6.36	117	153849	39.91	ng	# 84
19) n-Nitroso-di-n-propylamine	6.26	70	293040	41.96	ng	98
20) 3+4-Methylphenols	6.29	107	468216	46.76	ng	# 63
22) Acetophenone	6.25	105	572173	43.47	ng	# 85
24) Nitrobenzene	6.45	77	413995	40.57	ng	97
25) Isophorone	6.73	82	745560	41.00	ng	96
26) 2-Nitrophenol	6.82	139	237409	48.78	ng	96
27) 2,4-Dimethylphenol	6.90	122	375707	44.80	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	488543	40.74	ng	98
29) 2,4-Dichlorophenol	7.13	162	357311	45.57	ng	98
30) 1,2,4-Trichlorobenzene	7.21	180	344755	42.69	ng	98
31) Naphthalene	7.30	128	1158774	40.81	ng	100
32) Benzoic acid	7.05	122	62943	11.28	ng	96
33) 4-Chloroaniline	7.37	127	122985	10.69	ng	# 92
34) Hexachlorobutadiene	7.46	225	173173	41.82	ng	97
35) Caprolactam	7.82	113	59433	23.77	ng	96
36) 4-Chloro-3-methylphenol	8.01	107	379091	46.27	ng	89
37) 2-Methylnaphthalene	8.15	142	819575	43.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.35	216	307484	40.84	ng	99
40) Hexachlorocyclopentadiene	8.34	237	286158	81.22	ng	99

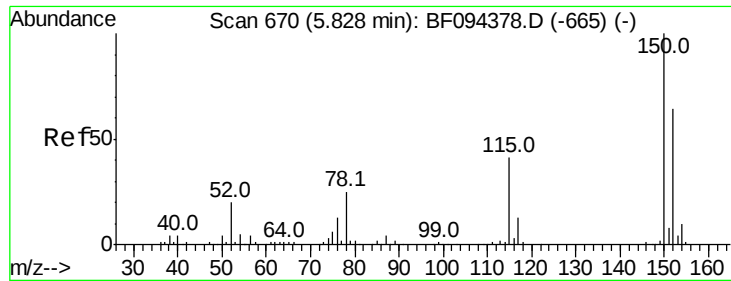
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094430.D
 Acq On : 14 Apr 2017 16:07
 Operator : SJ/MA
 Sample : PB98252BS
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Instrument :
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Quant Time: Apr 14 23:33:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	238589	44.79	nq	97
43) 2,4,5-Trichlorophenol	8.56	196	250829	43.52	nq	94
45) 1,1'-Biphenyl	8.72	154	922164	41.54	nq	97
46) 2-Chloronaphthalene	8.74	162	730404	42.03	nq	96
47) 2-Nitroaniline	8.87	65	225174	43.68	nq	# 85
48) Acenaphthylene	9.24	152	1150295	39.83	nq	99
49) Dimethylphthalate	9.11	163	889785	45.48	nq	100
50) 2,6-Dinitrotoluene	9.17	165	201722	44.98	nq	# 88
51) Acenaphthene	9.46	154	695763	41.29	nq	99
52) 3-Nitroaniline	9.37	138	99794	18.95	nq	89
53) 2,4-Dinitrophenol	9.51	184	84599	37.86	nq	# 71
54) Dibenzofuran	9.67	168	994449	43.35	nq	99
55) 4-Nitrophenol	9.65	139	377798	91.60	nq	# 79
56) 2,4-Dinitrotoluene	9.67	165	248140	44.04	nq	# 87
57) Fluorene	10.09	166	782078	41.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.83	232	176199	44.55	nq	97
59) Diethylphthalate	9.97	149	853844	44.16	nq	100
60) 4-Chlorophenyl-phenylether	10.09	204	340720	42.04	nq	95
61) 4-Nitroaniline	10.13	138	208899	41.34	nq	94
62) Azobenzene	10.29	77	821664	44.92	nq	95
64) 4,6-Dinitro-2-methylphenol	10.17	198	93091	30.05	nq	# 71
65) n-Nitrosodiphenylamine	10.25	169	728398	41.64	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	214591	43.13	nq	99
67) Hexachlorobenzene	10.76	284	211851	42.06	nq	# 85
68) Atrazine	10.93	200	217696	41.55	nq	96
69) Pentachlorophenol	11.02	266	149393	47.66	nq	99
70) Phenanthrene	11.26	178	1168997	41.54	nq	98
71) Anthracene	11.33	178	1202610	41.51	nq	99
72) Carbazole	11.53	167	1129968	38.03	nq	98
73) Di-n-butylphthalate	11.99	149	1369548	44.33	nq	99
74) Fluoranthene	12.72	202	1199222	41.62	nq	99
76) Benzidine	12.89	184	295519	18.80	nq	# 92
77) Pyrene	13.00	202	1222512	42.42	nq	100
79) Butylbenzylphthalate	13.82	149	575870	46.90	nq	90
80) Benzo(a)anthracene	14.47	228	981576	42.39	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	174300	21.06	nq	# 96
82) Chrysene	14.52	228	869864	40.48	nq	100
83) Bis(2-ethylhexyl)phthalate	14.53	149	776285	46.34	nq	# 98
84) Di-n-octyl phthalate	15.29	149	1241419	44.36	nq	97
85) Indeno(1,2,3-cd)pyrene	17.38	276	679529	36.52	nq	99
87) Benzo(b)fluoranthene	15.70	252	809601	45.86	nq	99
88) Benzo(k)fluoranthene	15.73	252	735781	42.60	nq	# 95
89) Benzo(a)pyrene	16.04	252	697834	42.93	nq	100
90) Dibenzo(a,h)anthracene	17.40	278	569203	41.35	nq	98
91) Benzo(g,h,i)perylene	17.76	276	581072	41.88	nq	96

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

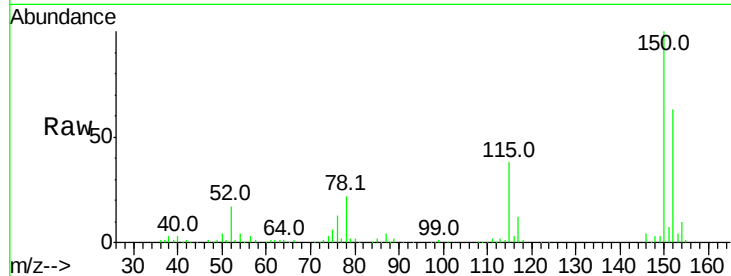


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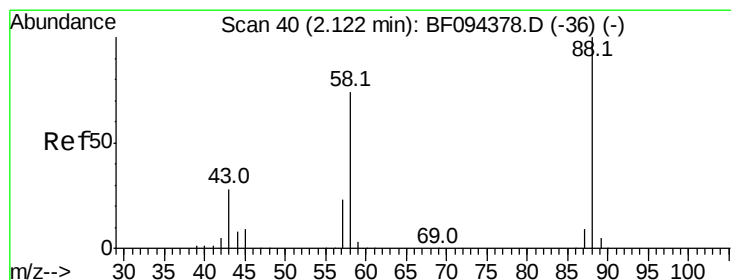
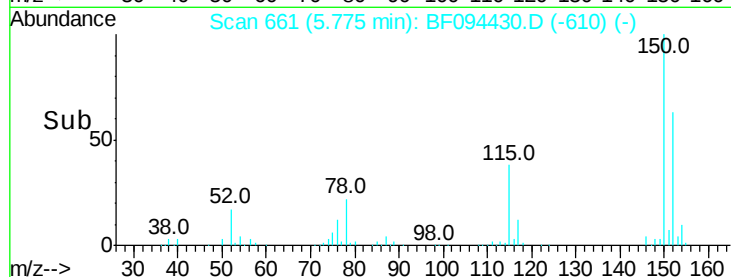
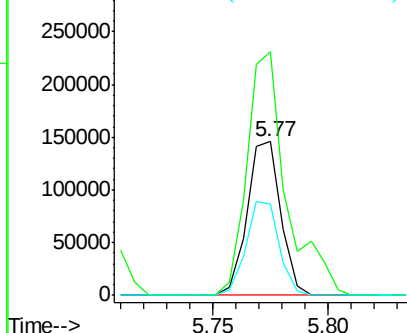
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148344
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 59.7 52.2 78.2



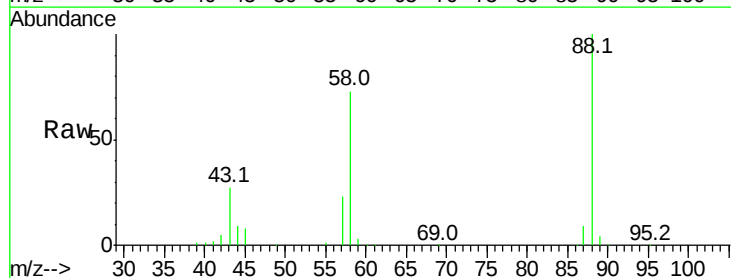
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



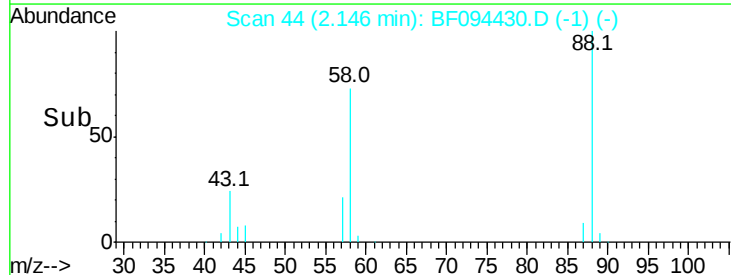
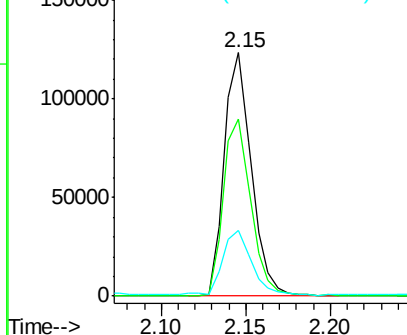
#2

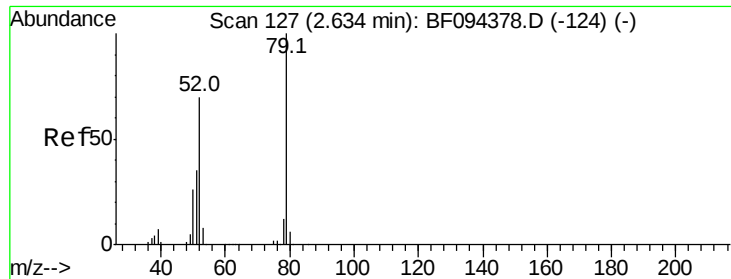
1,4-Dioxane
Concen: 32.64 ng
RT: 2.15 min Scan# 44
Delta R.T. 0.06 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion: 88 Resp: 137705
Ion Ratio Lower Upper
88 100
58 74.3 61.4 92.0
43 28.6 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

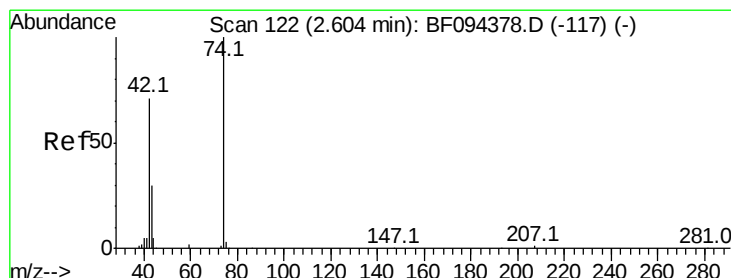
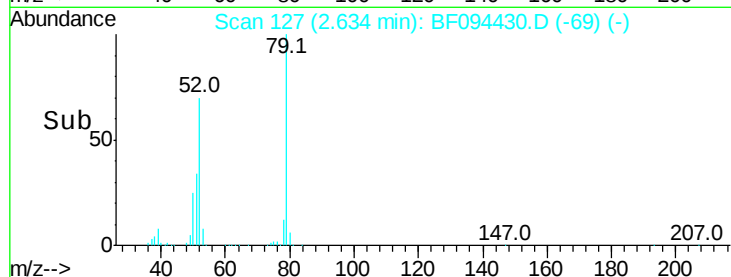
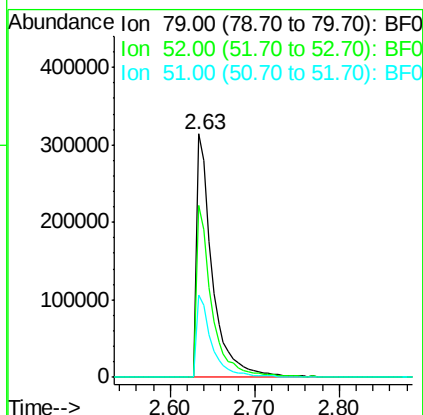
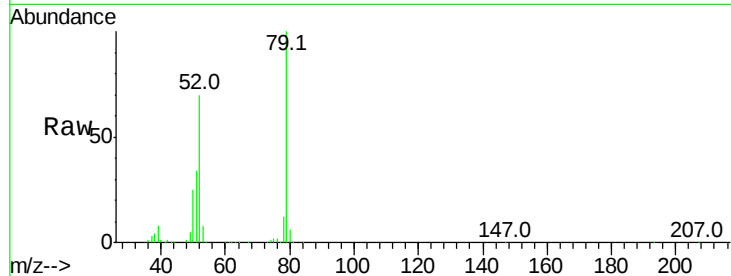




#3
 Pvridine
 Concen: 35.15 ng
 RT: 2.63 min Scan# 127
 Delta R.T. 0.04 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

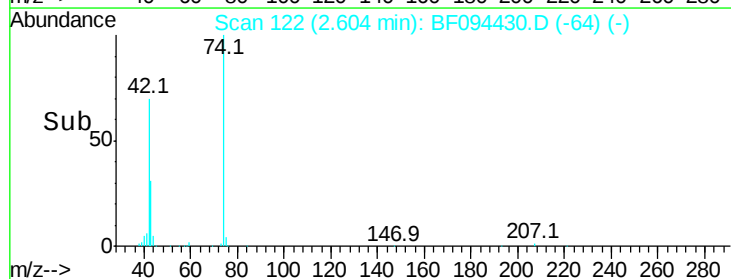
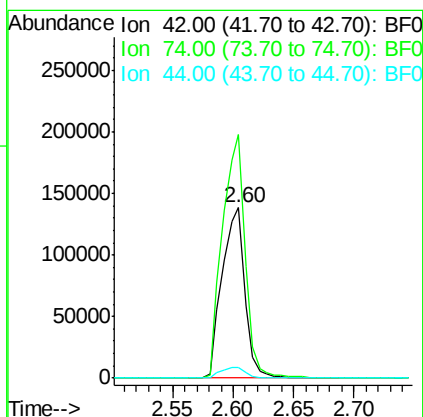
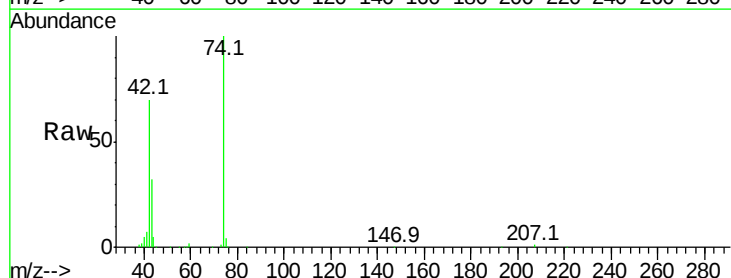
Instrument :
 BNA_F
 ClientSampleId :

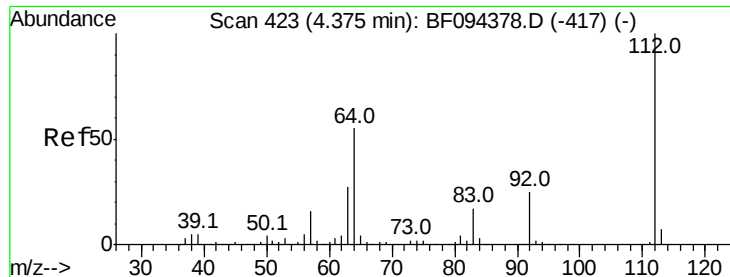
Tot Ion: 79 Resp: 404214
 Ion Ratio Lower Upper
 79 100
 52 70.4 54.8 82.2
 51 33.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 38.31 ng
 RT: 2.60 min Scan# 122
 Delta R.T. 0.04 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion: 42 Resp: 181292
 Ion Ratio Lower Upper
 42 100
 74 142.9 103.9 155.9
 44 6.6 5.7 8.5





#5

2-Fluorophenol

Concen: 82.76 ng

RT: 4.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF094430.D

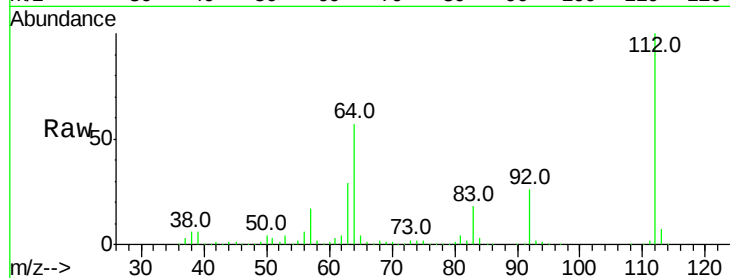
Acq: 14 Apr 2017 16:07

Instrument :

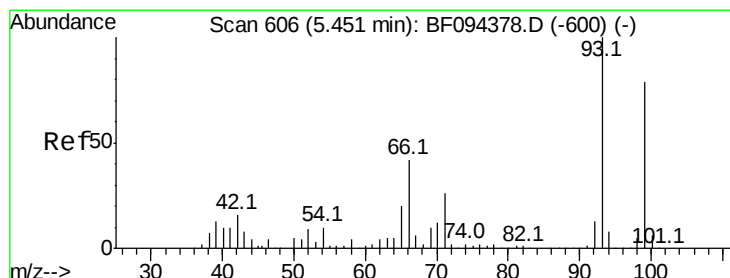
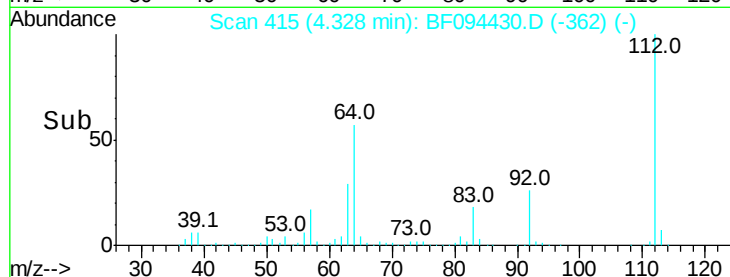
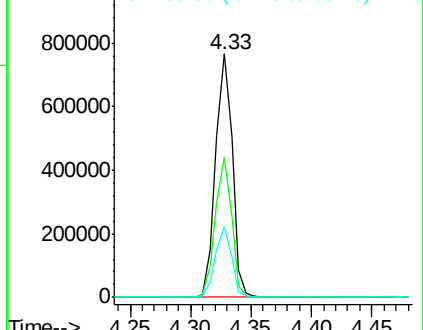
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	726831
Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.0	69.0
63	29.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 13.72 ng

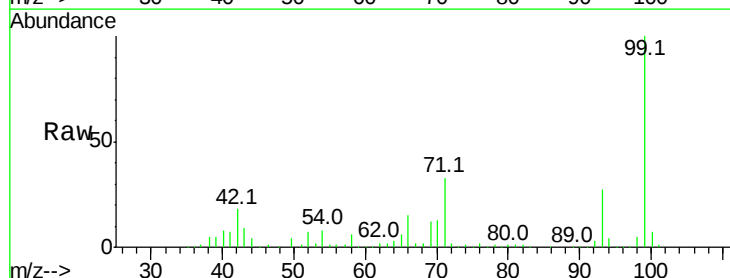
RT: 5.40 min Scan# 597

Delta R.T. -0.00 min

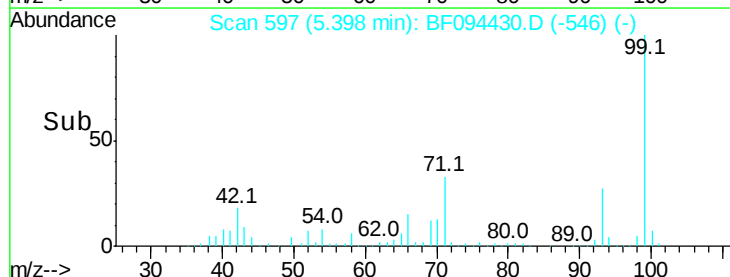
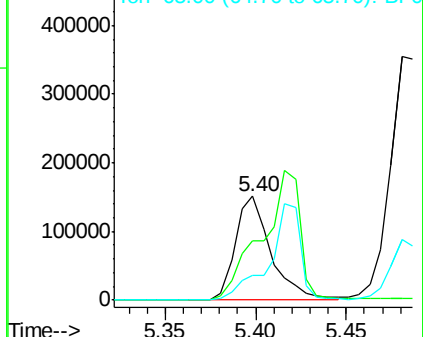
Lab File: BF094430.D

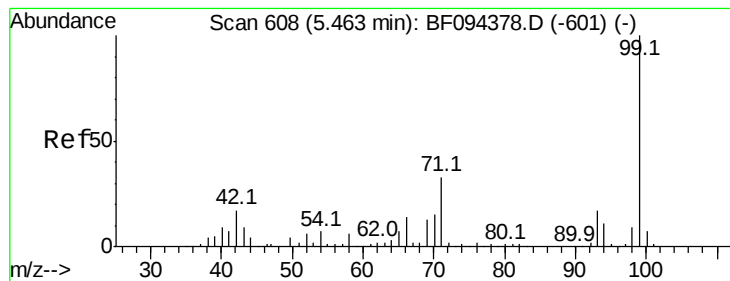
Acq: 14 Apr 2017 16:07

Tgt Ion:	93	Resp:	207326
Ion	Ratio	Lower	Upper
93	100		
66	57.4	32.9	49.3#
65	24.0	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 81.77 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampled :

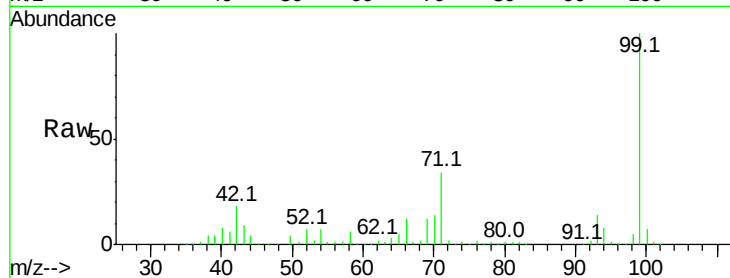
Tot Ion: 99 Resp: 888457

Ion Ratio Lower Upper

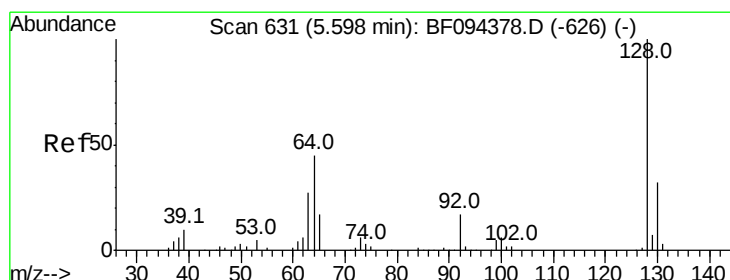
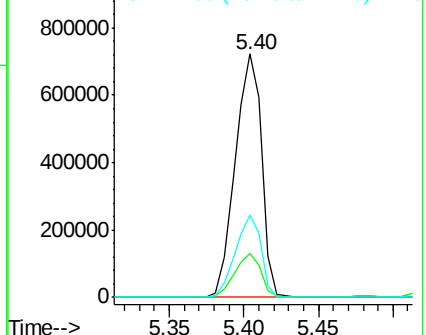
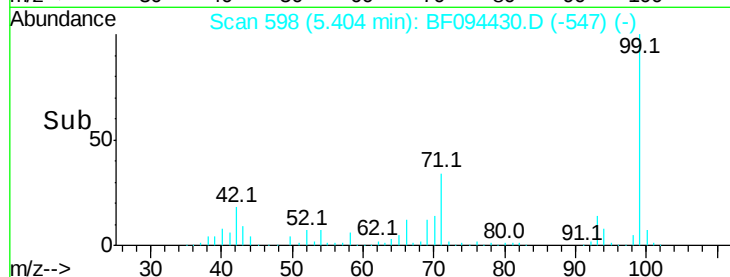
99 100

42 18.1 13.5 20.3

71 33.7 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: 43.14 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

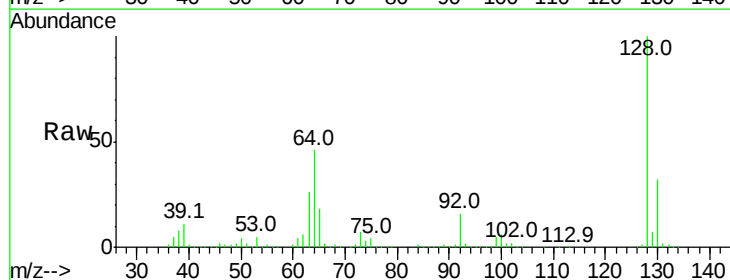
Tgt Ion:128 Resp: 416431

Ion Ratio Lower Upper

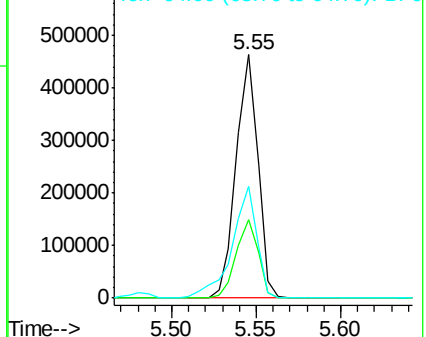
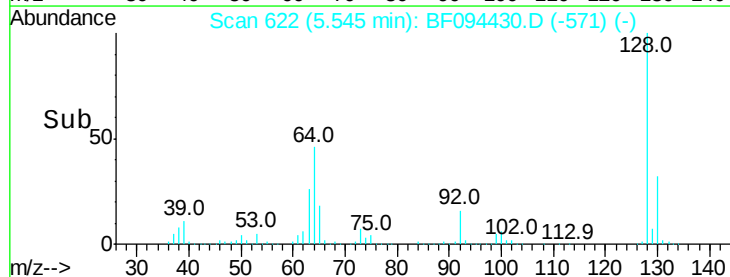
128 100

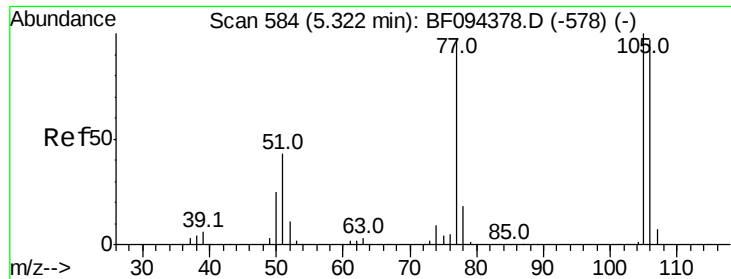
130 32.4 12.9 52.9

64 46.0 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: 14.26 ng

RT: 5.26 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

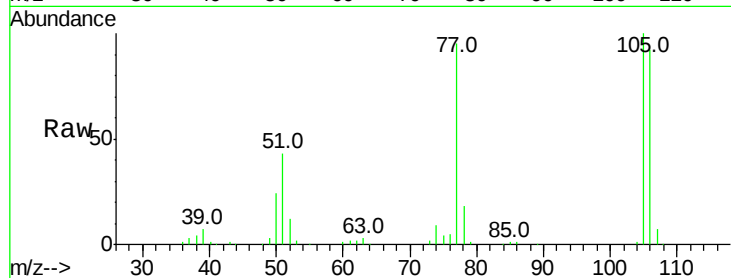
Tot Ion: 77 Resp: 104610

Ion Ratio Lower Upper

77 100

105 105.5 83.8 123.8

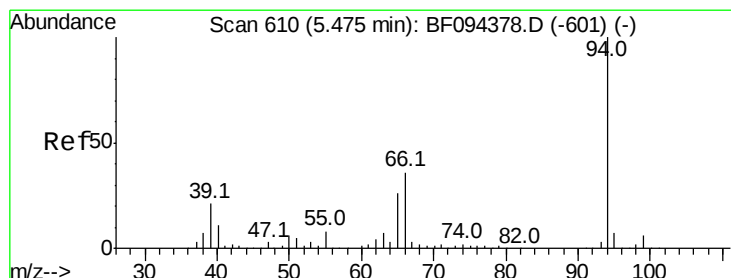
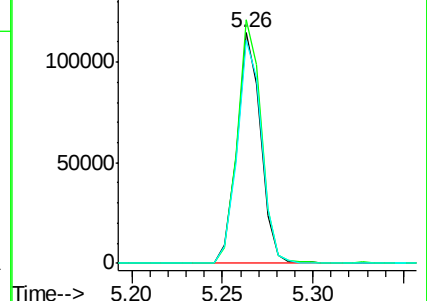
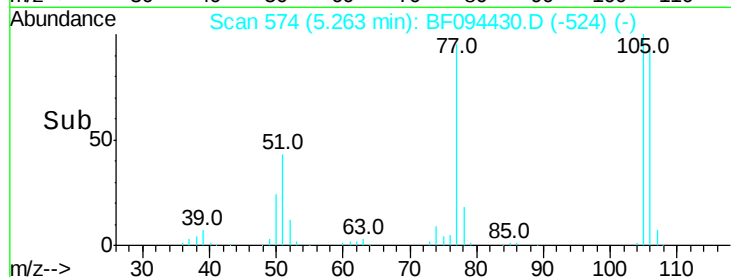
106 97.0 79.1 119.1



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: 40.26 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

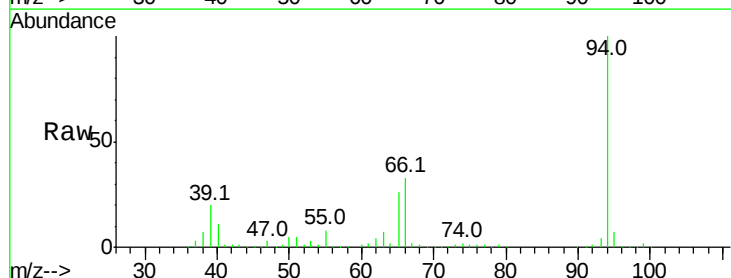
Tgt Ion: 94 Resp: 497755

Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

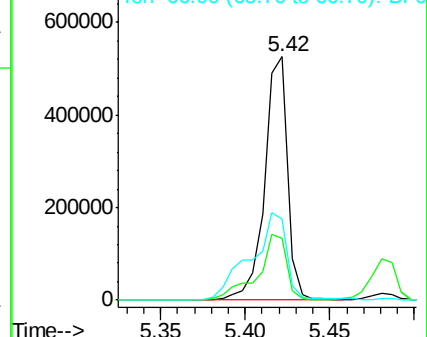
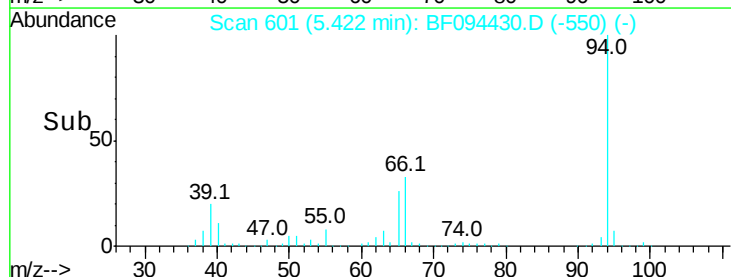
66 33.4 23.1 63.1

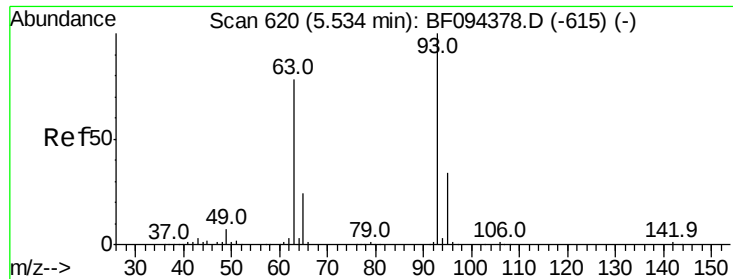


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

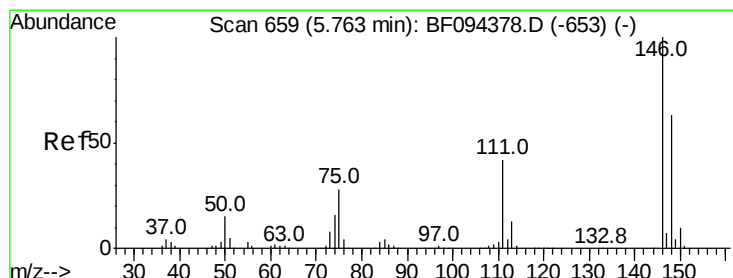
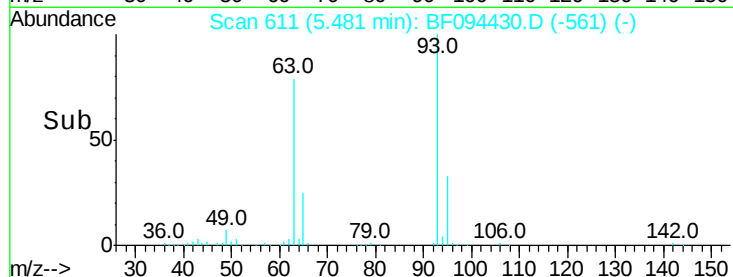
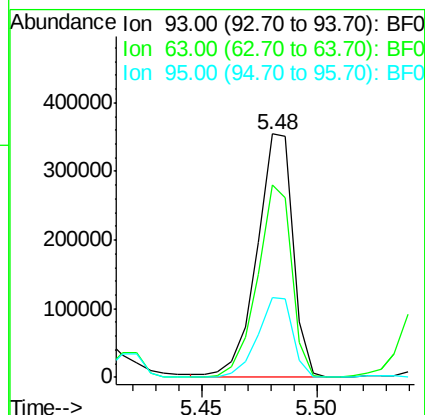
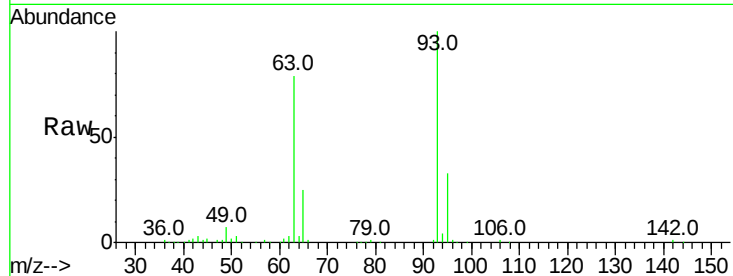




#11
bis(2-Chloroethyl)ether
Concen: 39.79 ng
RT: 5.48 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

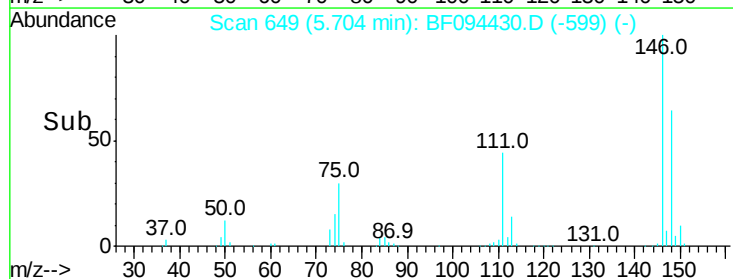
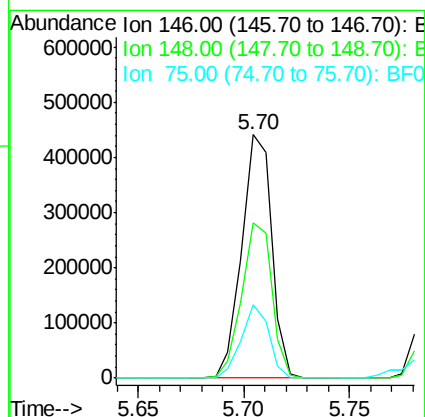
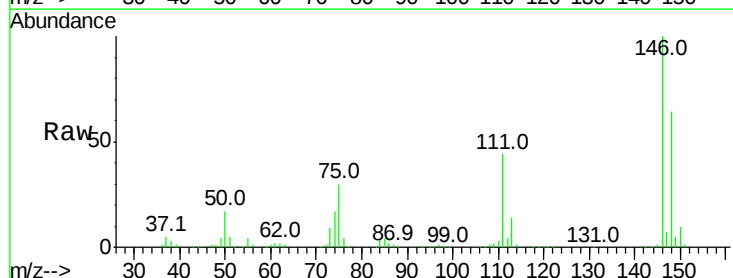
Instrument :
BNA_F
ClientSampleId :

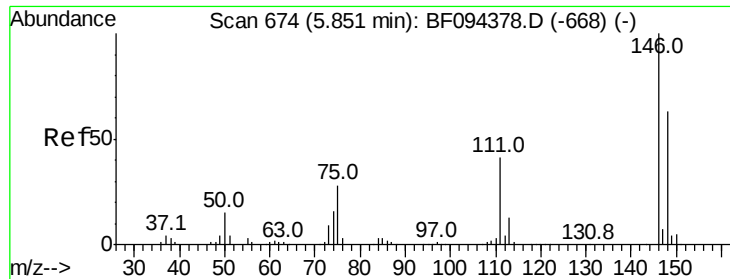
Tot Ion: 93 Resp: 384448
Ion Ratio Lower Upper
93 100
63 79.1 59.2 99.2
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.02 ng
RT: 5.70 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion: 146 Resp: 433353
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
75 30.4 23.1 34.7

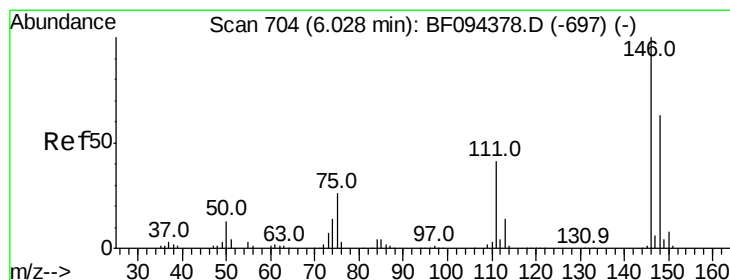
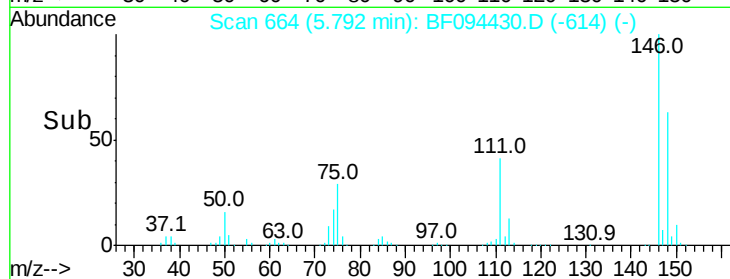
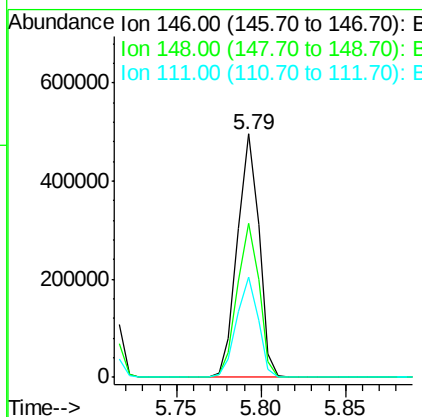
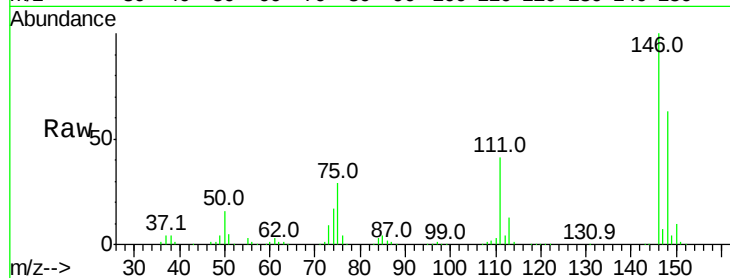




#13
 1,4-Dichlorobenzene
 Concen: 40.30 ng
 RT: 5.79 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

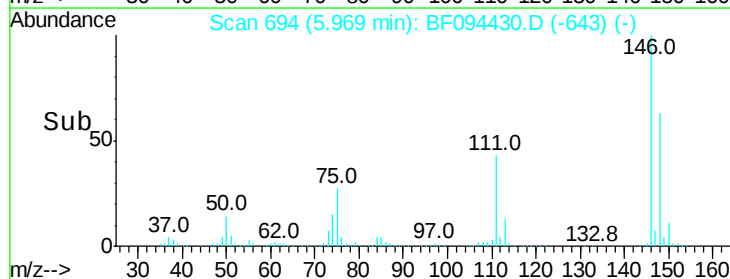
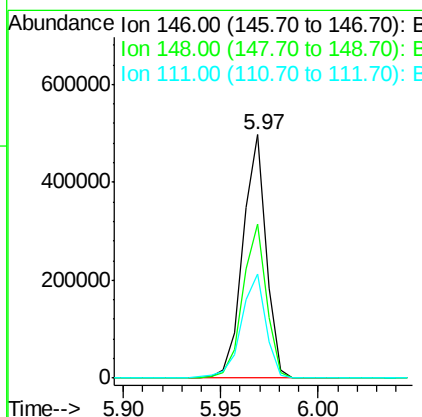
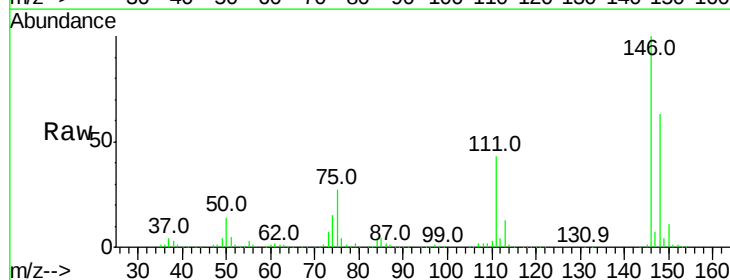
Instrument :
 BNA_F
 ClientSampleId :

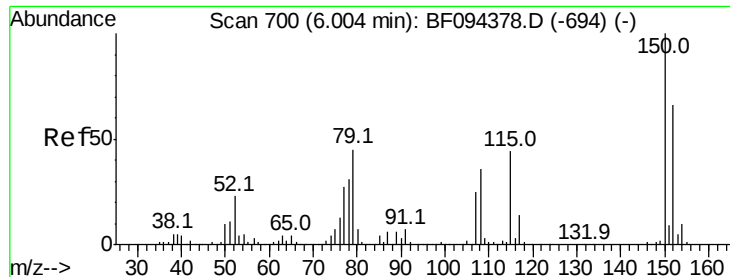
Tot Ion:146 Resp: 442028
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 41.4 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.41 ng
 RT: 5.97 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion:146 Resp: 408113
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 42.6 38.2 57.4

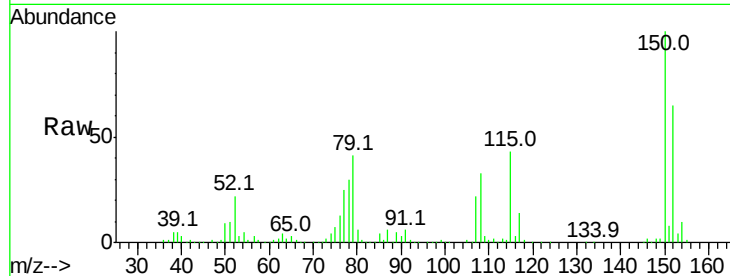




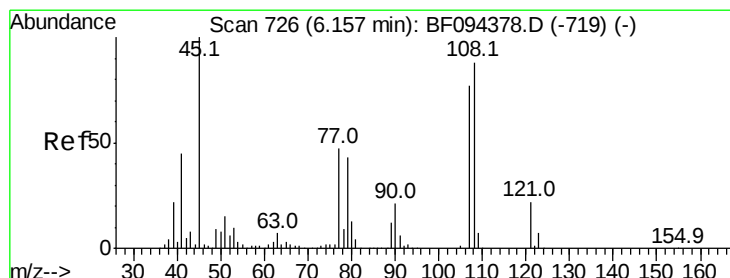
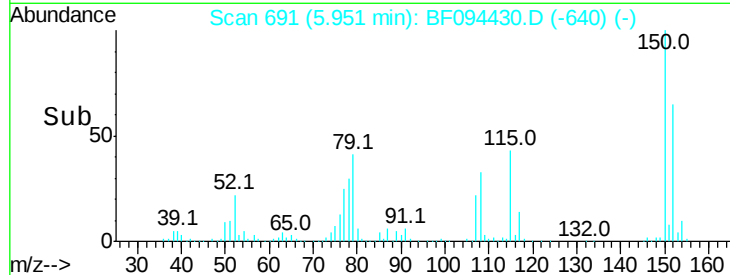
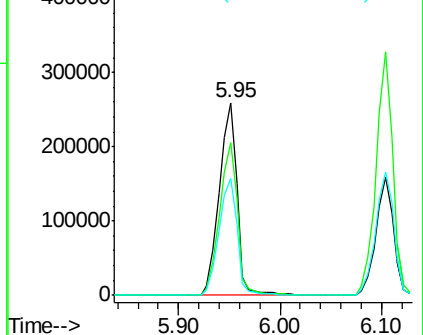
#15
Benzyl Alcohol
Concen: 39.76 ng
RT: 5.95 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 316223
Ion Ratio Lower Upper
79 100
108 79.5 63.4 95.0
77 60.3 49.2 73.8

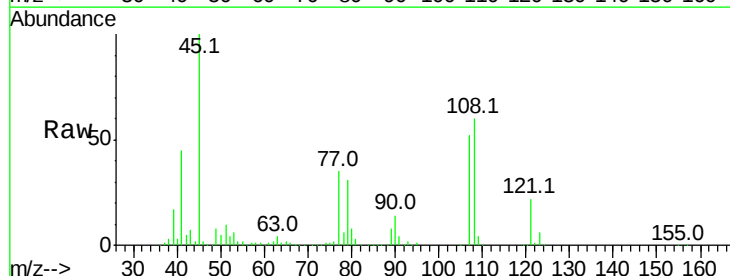


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

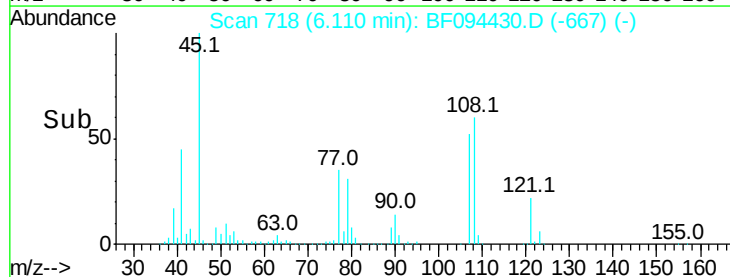
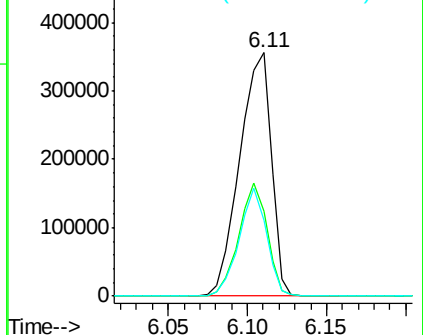


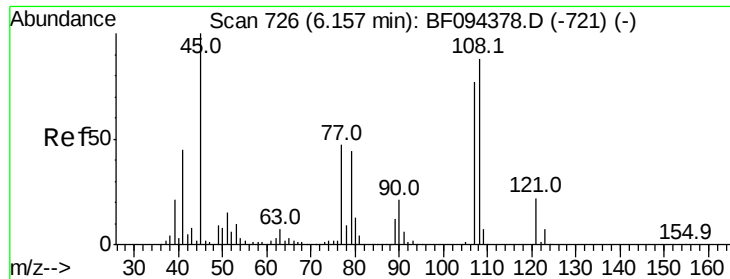
#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.08 ng
RT: 6.11 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion: 45 Resp: 492515
Ion Ratio Lower Upper
45 100
77 35.1 0.0 33.2#
79 31.1 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: 40.12 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 331685

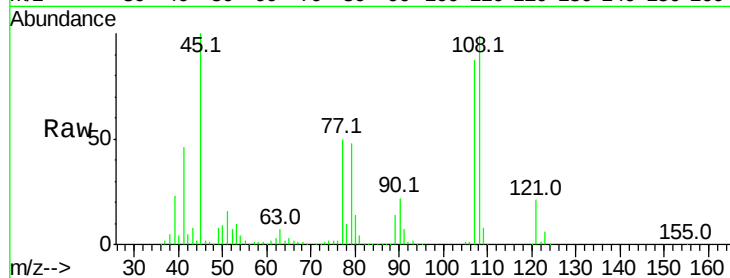
Ion Ratio Lower Upper

107 100

108 114.4 93.4 140.0

77 57.7 35.8 53.6#

79 55.2 34.8 52.2#

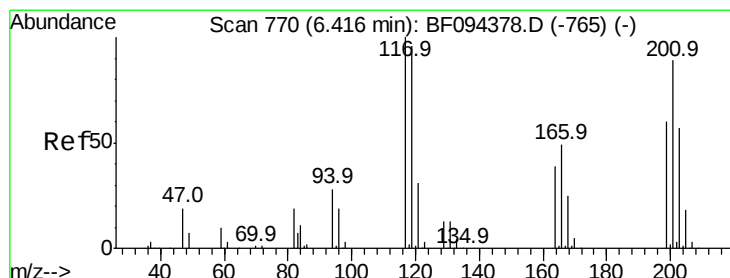
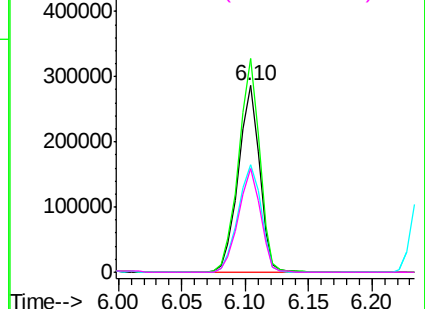
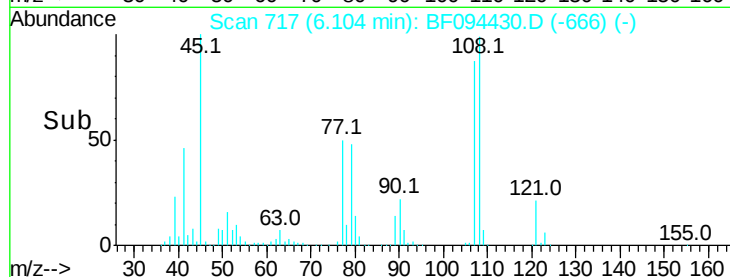


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.91 ng

RT: 6.36 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

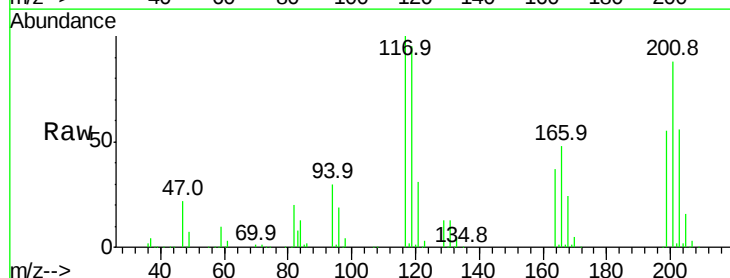
Tgt Ion:117 Resp: 153849

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.0

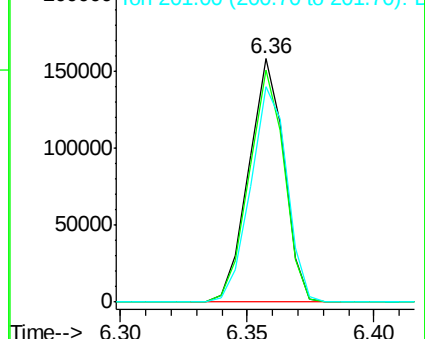
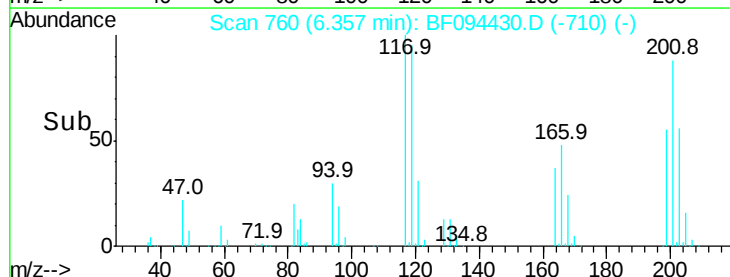
201 88.5 94.6 141.8#

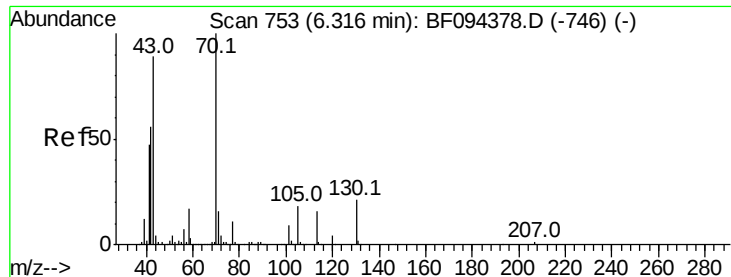


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

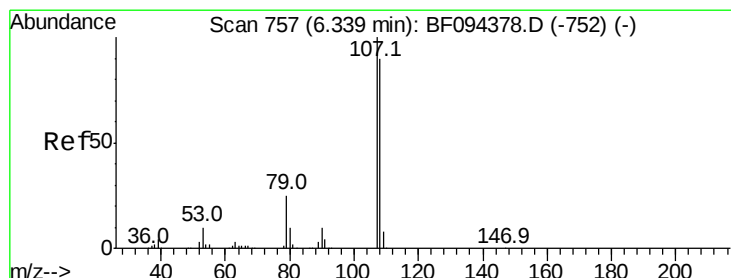
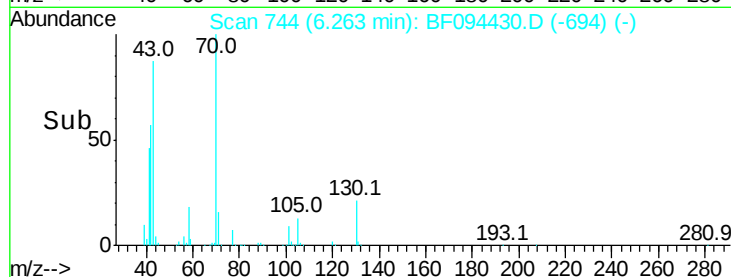
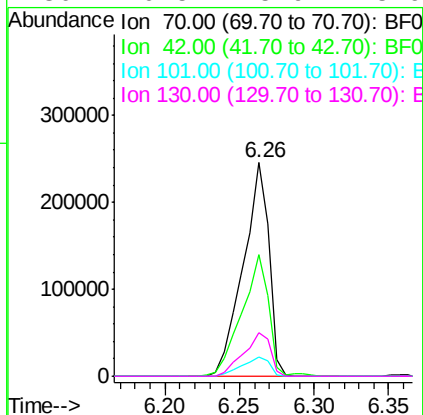
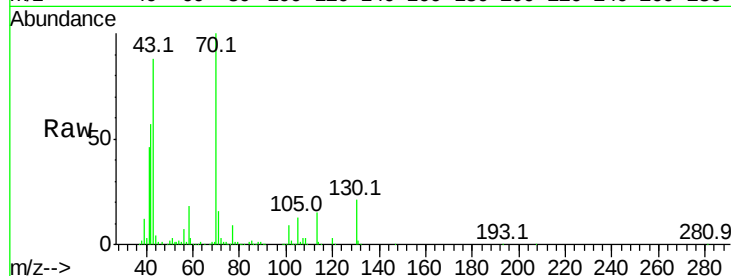




#19
n-Nitroso-di-n-propylamine
Concen: 41.96 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

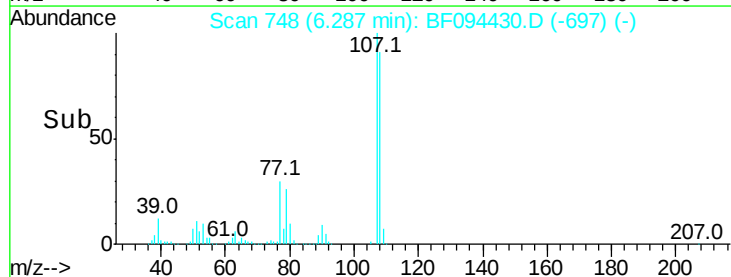
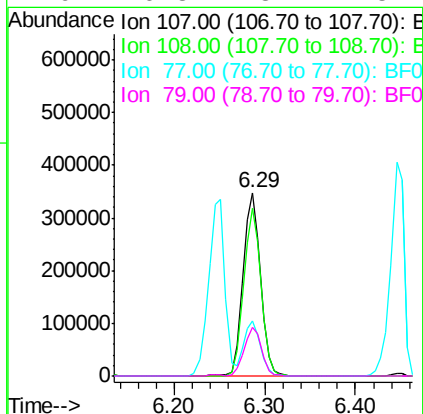
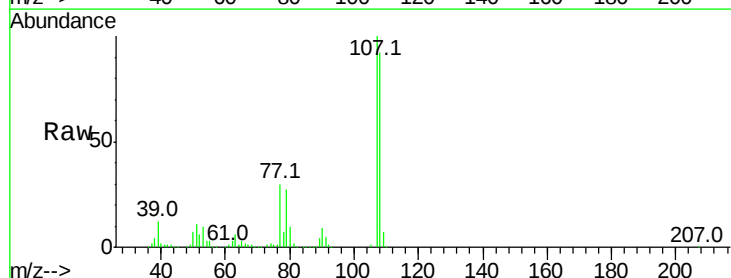
Instrument :
BNA_F
ClientSampleId :

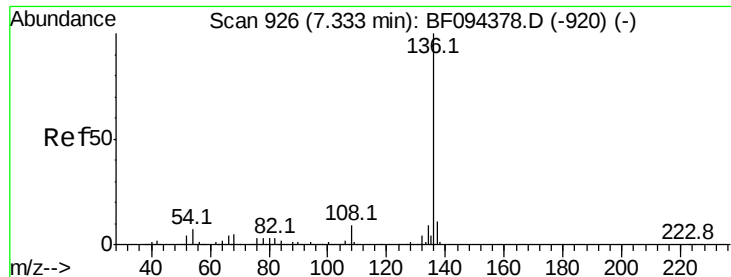
Tot Ion: 70 Resp: 293040
Ion Ratio Lower Upper
70 100
42 56.7 47.2 70.8
101 8.7 7.2 10.8
130 20.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 46.76 ng
RT: 6.29 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion:107 Resp: 468216
Ion Ratio Lower Upper
107 100
108 91.7 71.0 111.0
77 30.1 90.5 130.5#
79 26.8 8.4 48.4

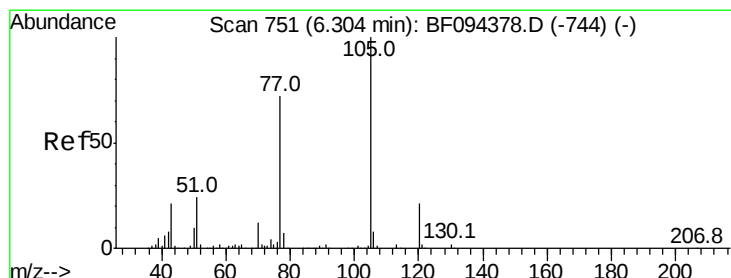
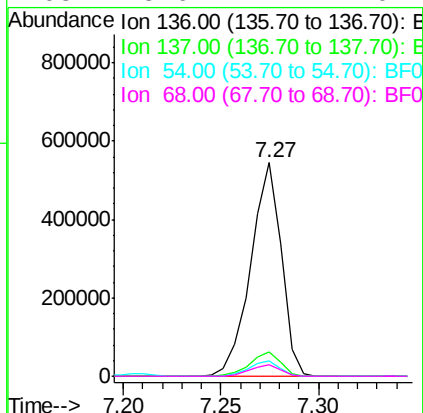
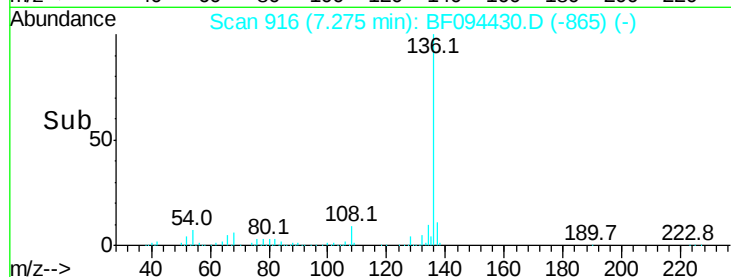
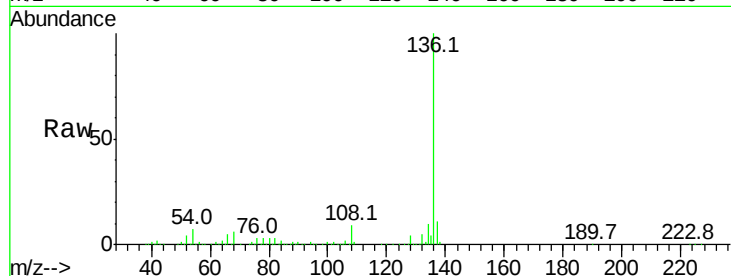




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

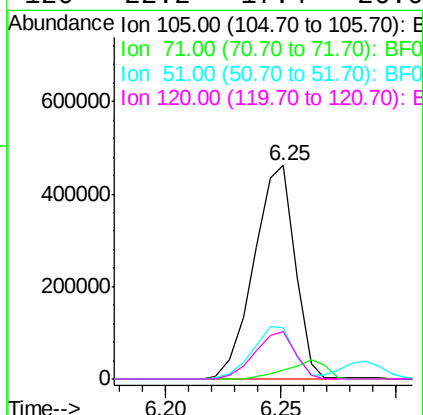
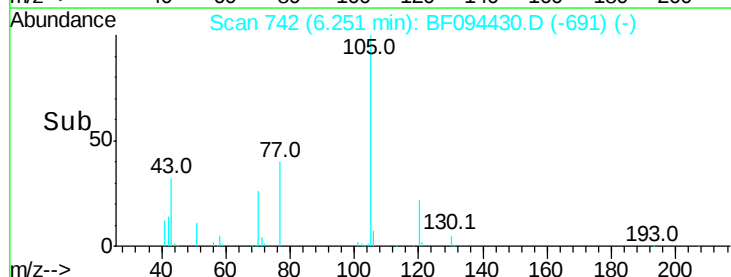
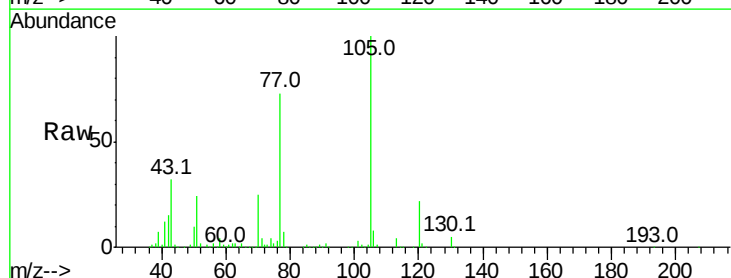
Instrument :
BNA_F
ClientSampleId :

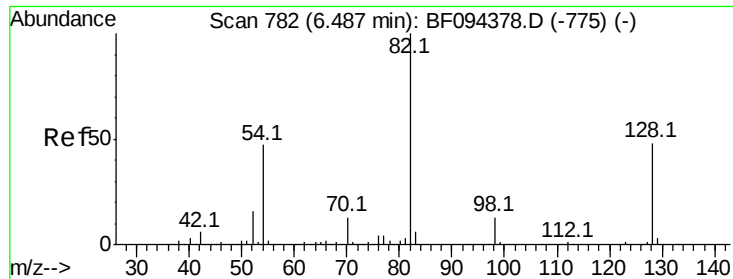
Tot Ion:136	Resp: 590524
Ion Ratio	Lower Upper
136 100	
137 11.4	8.5 12.7
54 7.1	4.9 7.3
68 5.6	4.1 6.1



#22
Acetophenone
Concen: 43.47 ng
RT: 6.25 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt	Ion:105	Resp:	572173
Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.8	4.2
51	23.9	30.7	46.1#
120	22.2	17.4	26.0

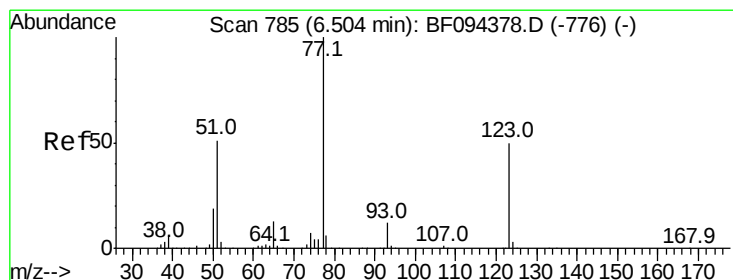
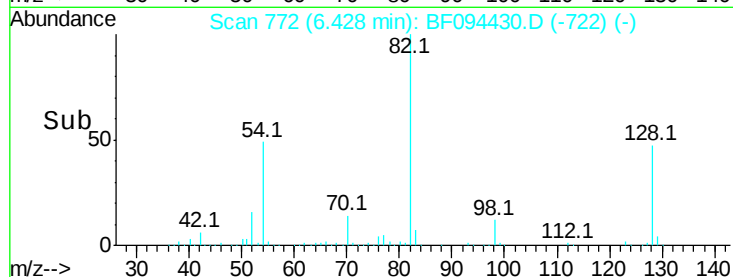
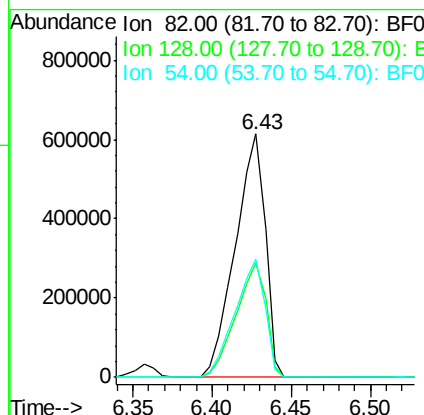
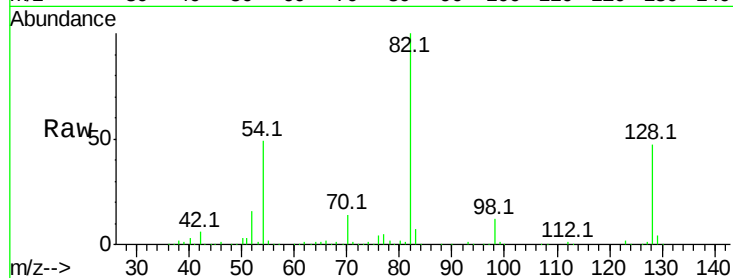




#23
Nitrobenzene-d5
Concen: 77.68 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

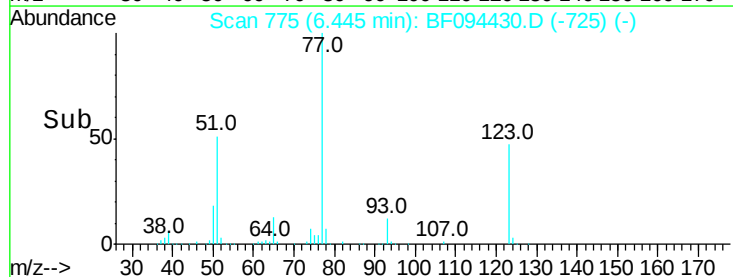
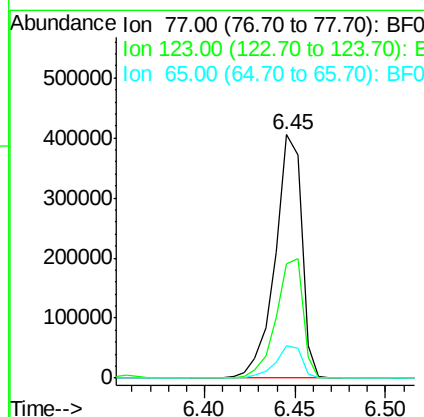
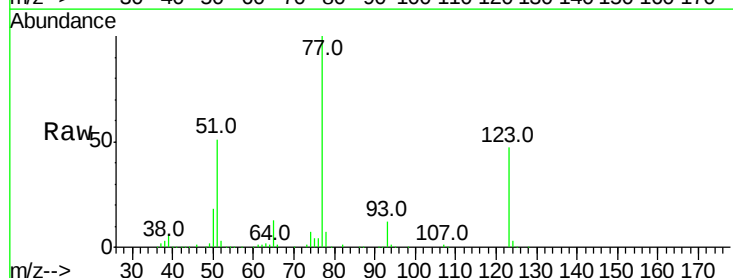
Instrument :
BNA_F
ClientSampleId :

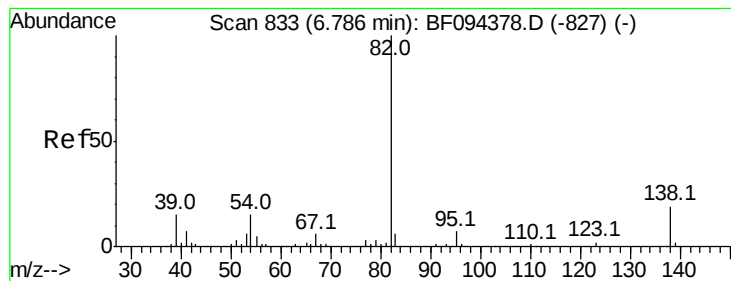
Tot Ion: 82 Resp: 803834
Ion Ratio Lower Upper
82 100
128 47.0 34.0 51.0
54 48.6 42.2 63.2



#24
Nitrobenzene
Concen: 40.57 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion: 77 Resp: 413995
Ion Ratio Lower Upper
77 100
123 47.1 35.8 53.8
65 13.4 10.6 15.8





#25

Isophorone

Concen: 41.00 ng

RT: 6.73 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

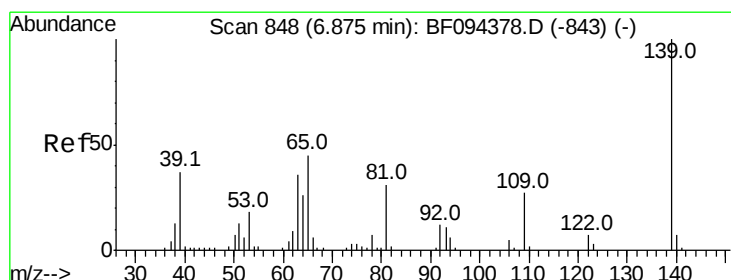
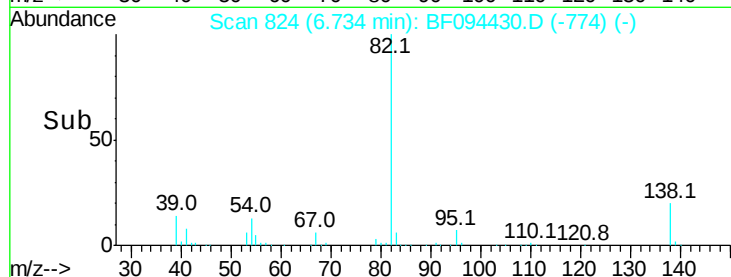
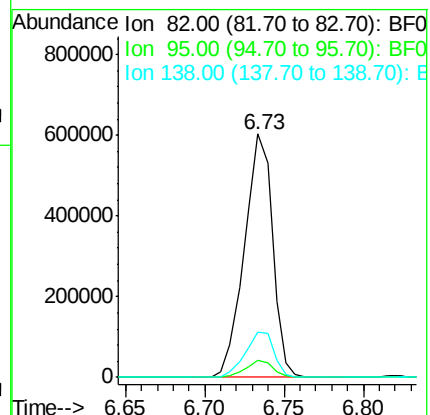
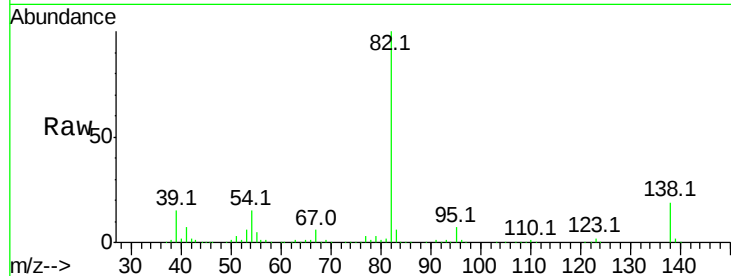
Tot Ion: 82 Resp: 745560

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.8 13.1 19.7



#26

2-Nitrophenol

Concen: 48.78 ng

RT: 6.82 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

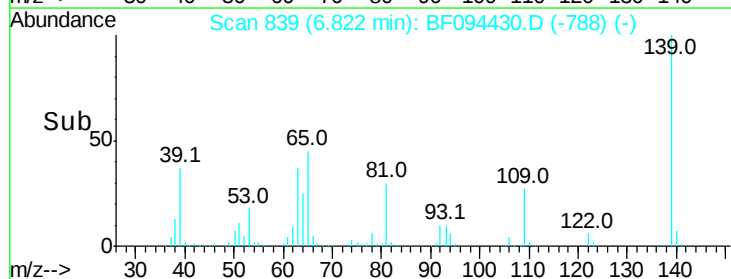
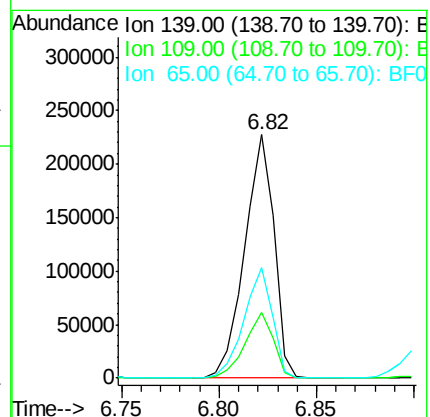
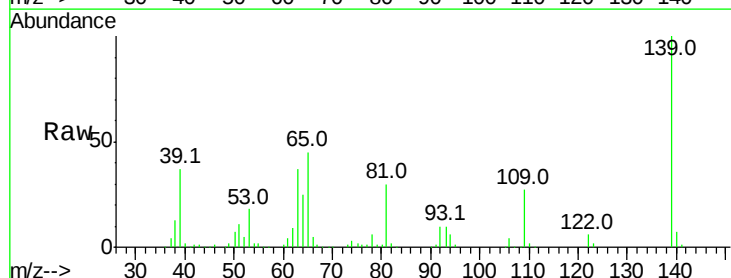
Tgt Ion: 139 Resp: 237409

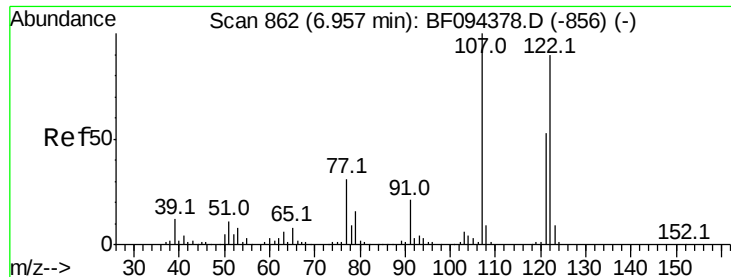
Ion Ratio Lower Upper

139 100

109 27.1 21.0 31.6

65 45.3 33.0 49.6

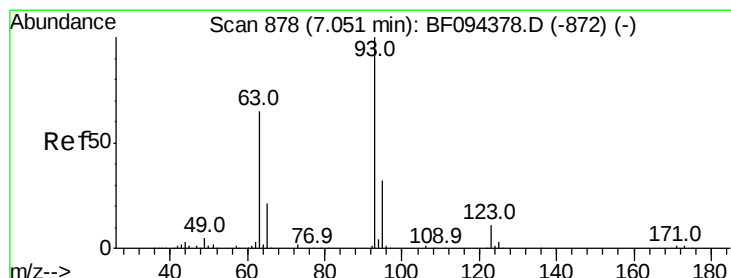
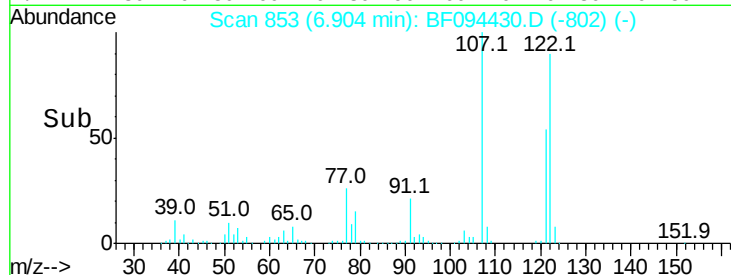
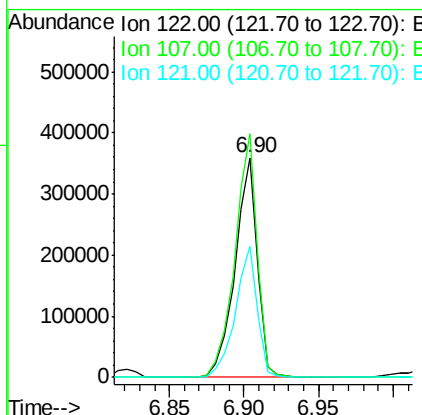
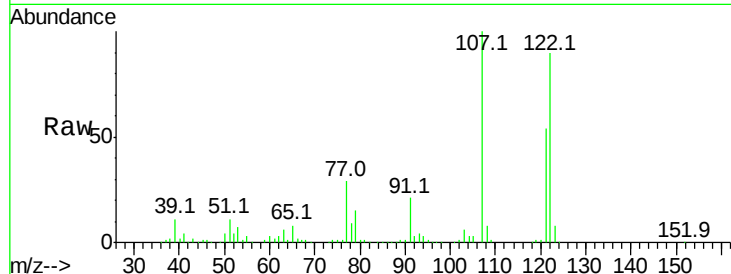




#27
 2,4-Dimethylphenol
 Concen: 44.80 ng
 RT: 6.90 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

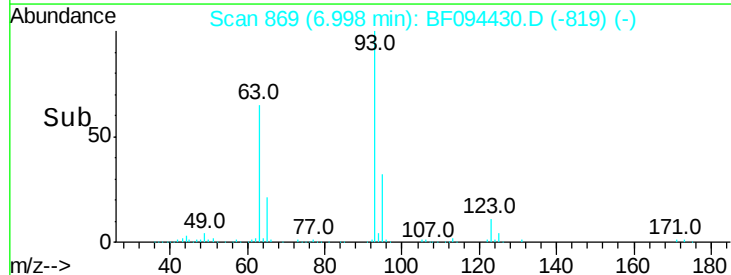
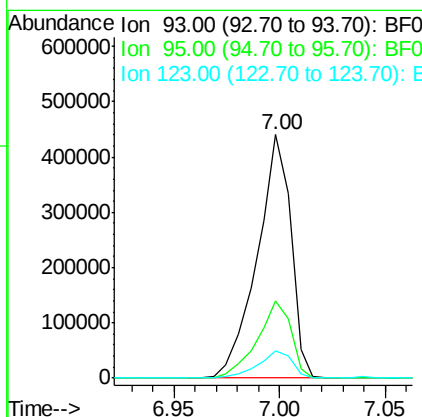
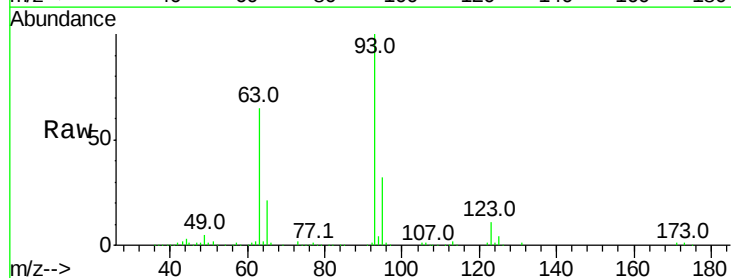
Instrument :
 BNA_F
 ClientSampleId :

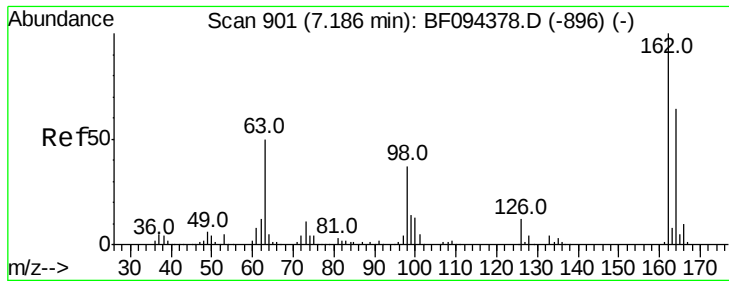
Tot Ion:122 Resp: 375707
 Ion Ratio Lower Upper
 122 100
 107 110.7 89.2 133.8
 121 59.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.74 ng
 RT: 7.00 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion: 93 Resp: 488543
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 11.2 9.0 13.4

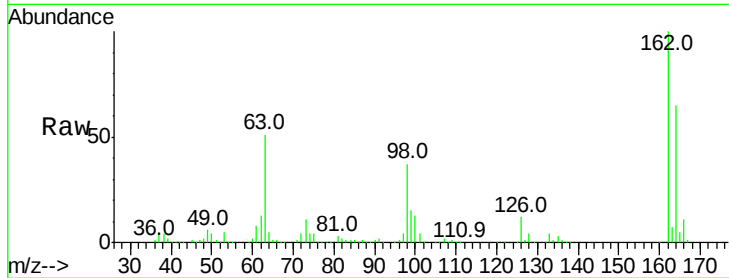




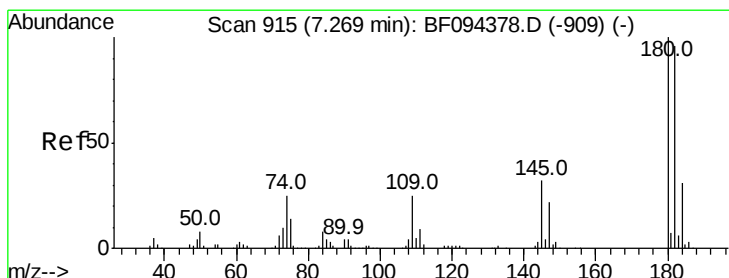
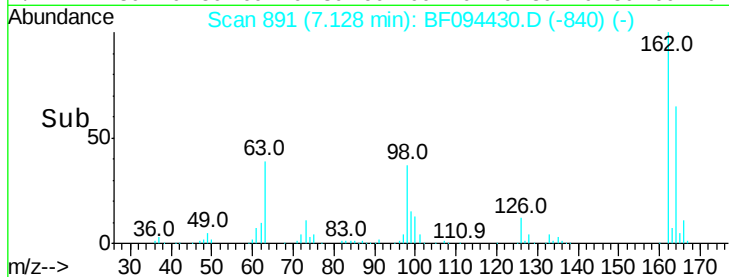
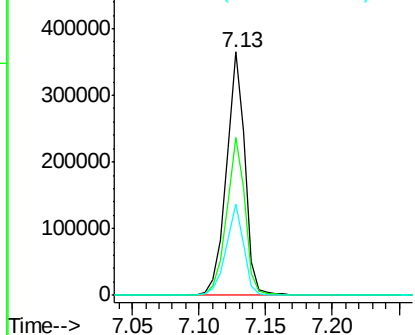
#29
 2,4-Dichlorophenol
 Concen: 45.57 ng
 RT: 7.13 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.6	84.6
98	37.5	14.8	54.8

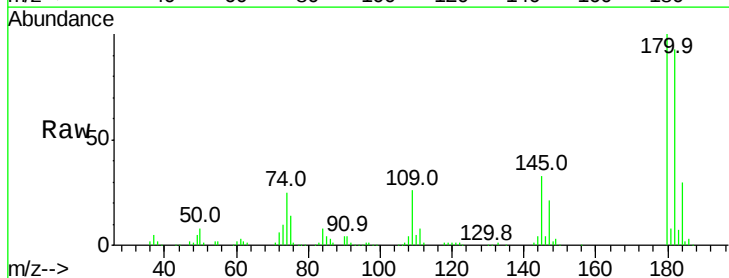


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

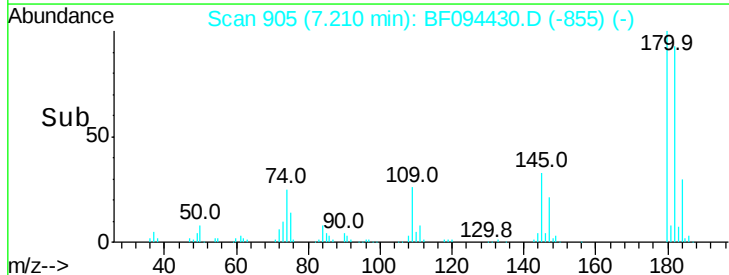
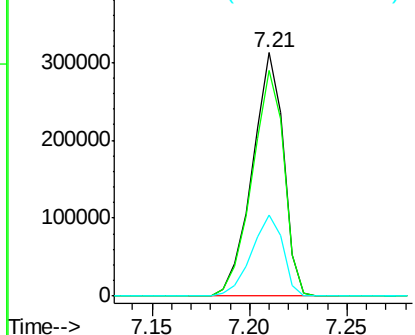


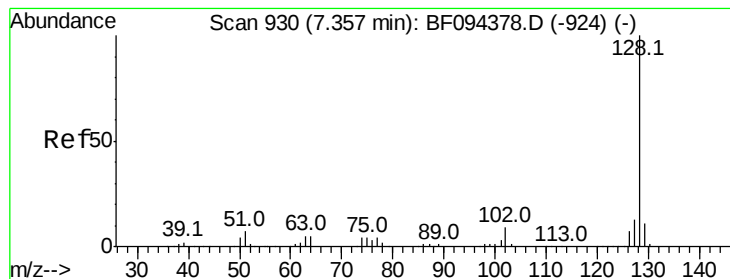
#30
 1,2,4-Trichlorobenzene
 Concen: 42.69 ng
 RT: 7.21 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.8	113.6
145	33.1	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: 40.81 ng

RT: 7.30 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

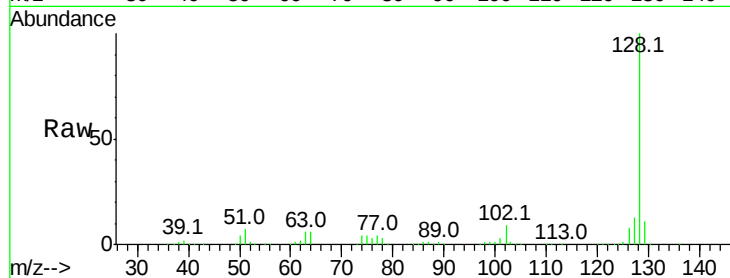
Tot Ion:128 Resp: 1158774

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

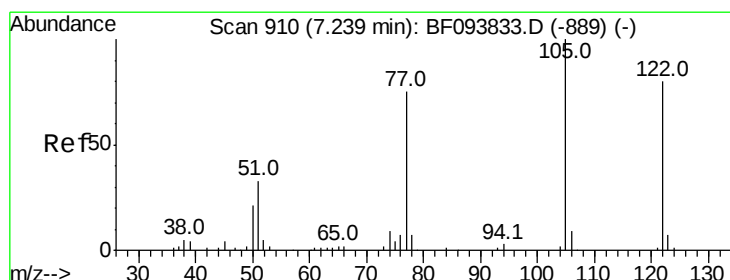
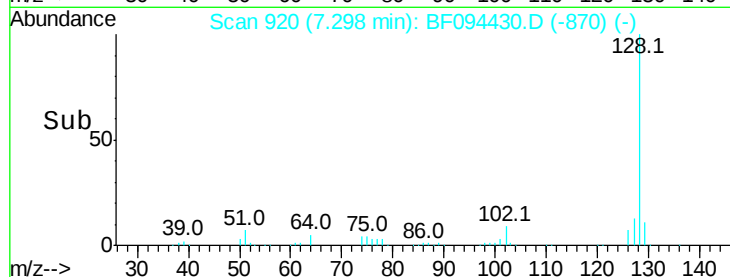
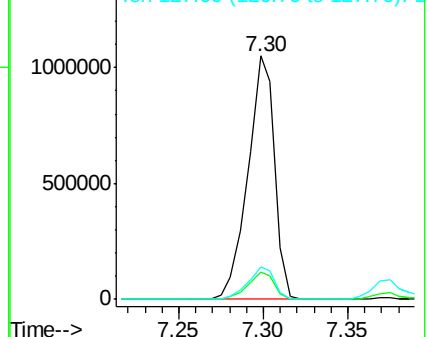
127 13.4 10.8 16.2



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: 11.28 ng

RT: 7.05 min Scan# 877

Delta R.T. -0.04 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

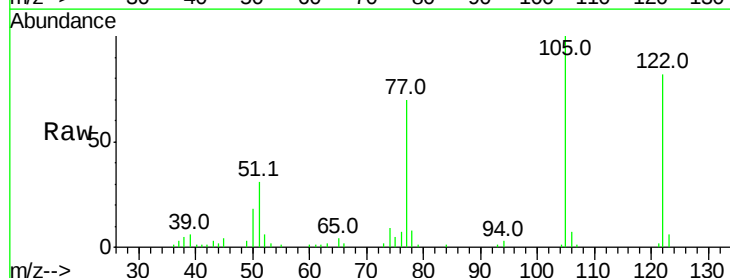
Tgt Ion:122 Resp: 62943

Ion Ratio Lower Upper

122 100

105 121.9 103.3 143.3

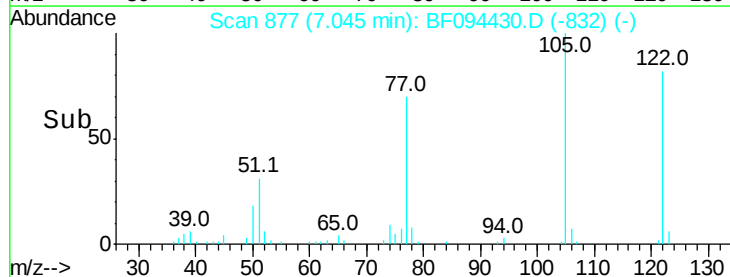
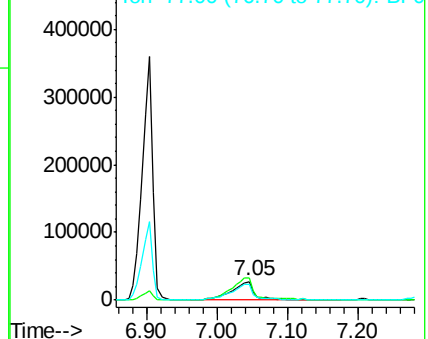
77 85.4 73.7 113.7

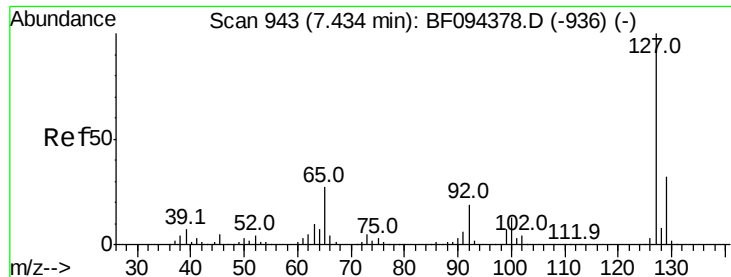


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

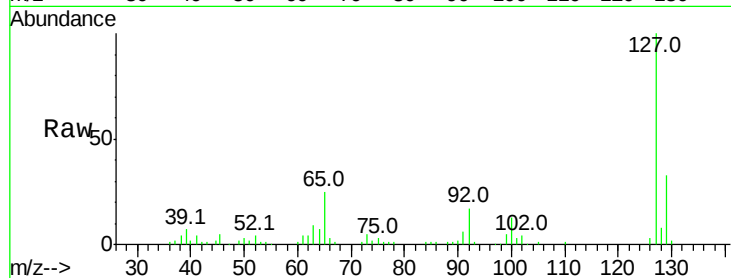




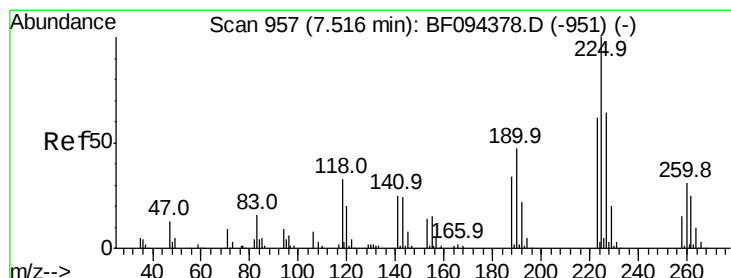
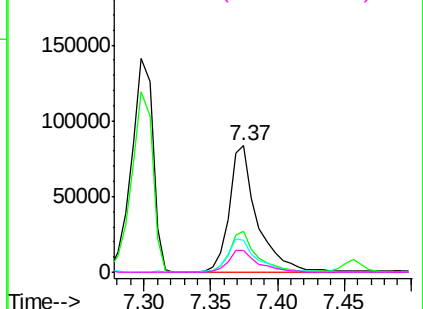
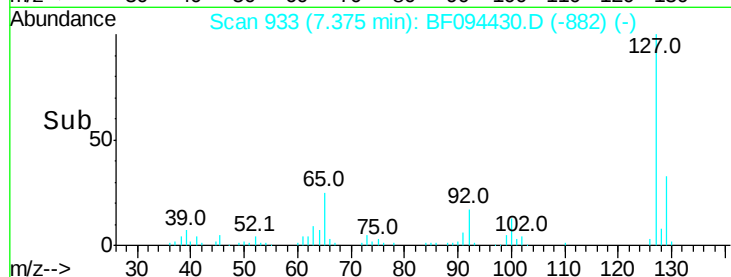
#33
 4-Chloroaniline
 Concen: 10.69 ng
 RT: 7.37 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	122985
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	25.4	27.8	41.8#
92	17.4	16.8	25.2

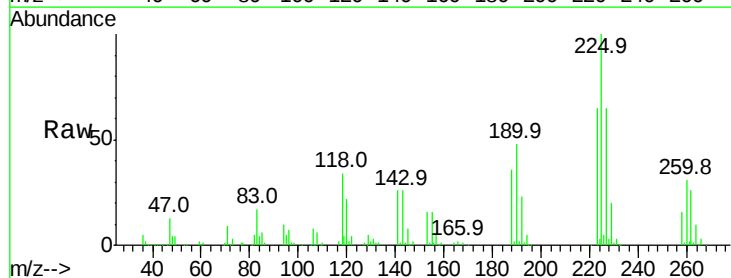


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

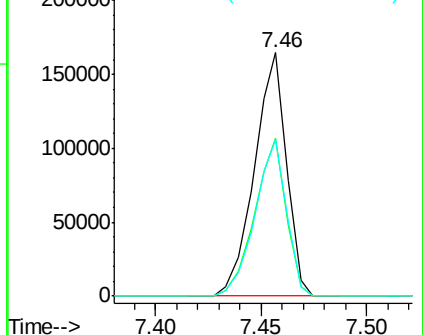
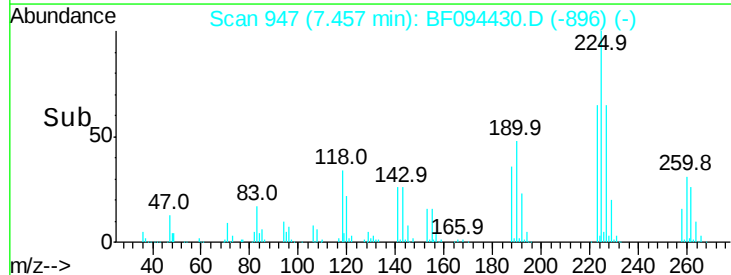


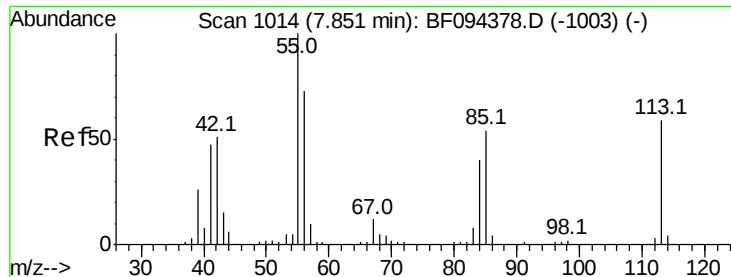
#34
 Hexachlorobutadiene
 Concen: 41.82 ng
 RT: 7.46 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion:	225	Resp:	173173
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	64.5	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: 23.77 ng

RT: 7.82 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampled :

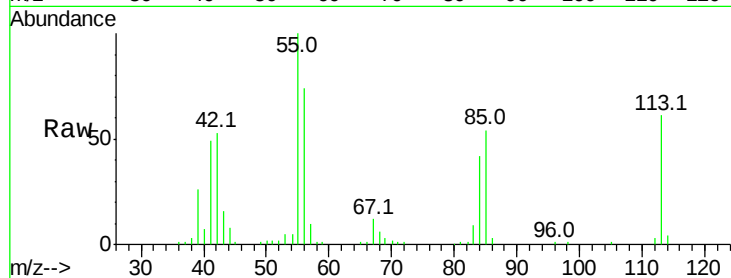
Tot Ion:113 Resp: 59433

Ion Ratio Lower Upper

113 100

55 164.9 150.2 190.2

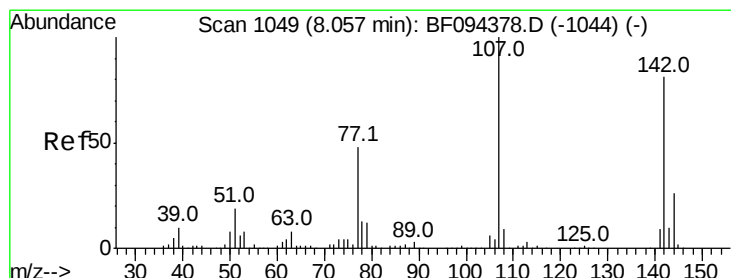
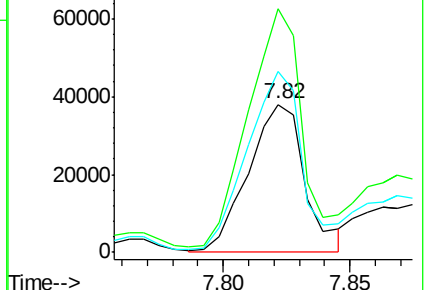
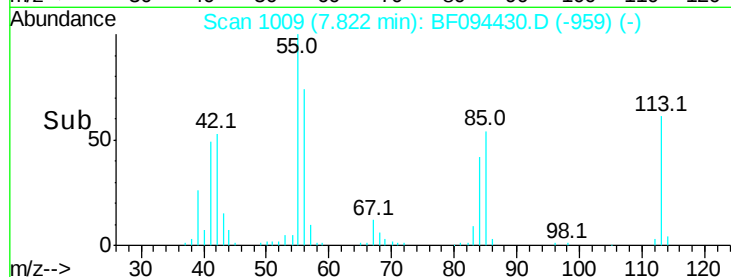
56 122.3 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.27 ng

RT: 8.01 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

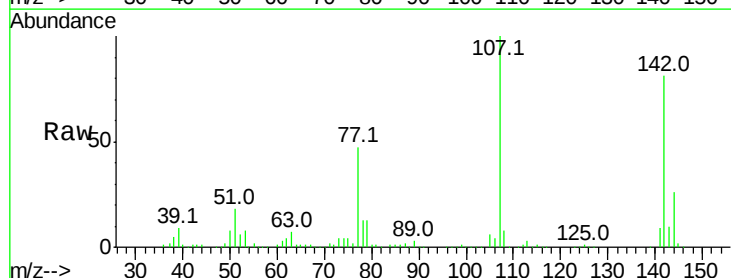
Tgt Ion:107 Resp: 379091

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

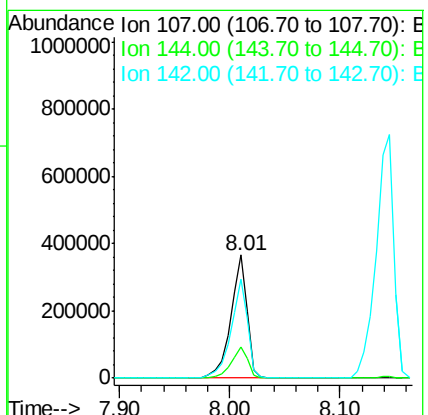
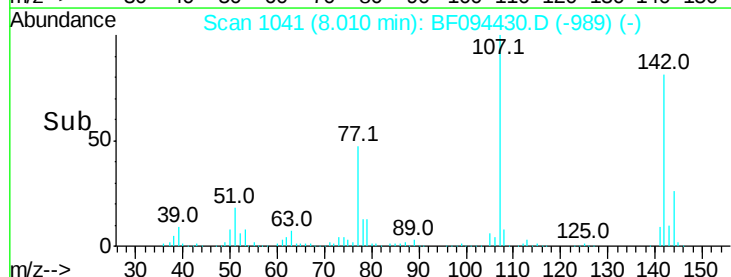
142 80.6 73.4 110.0

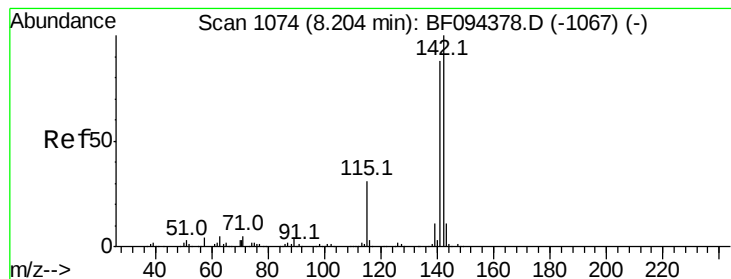


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.30 ng

RT: 8.15 min Scan# 1064

Delta R.T. -0.00 min

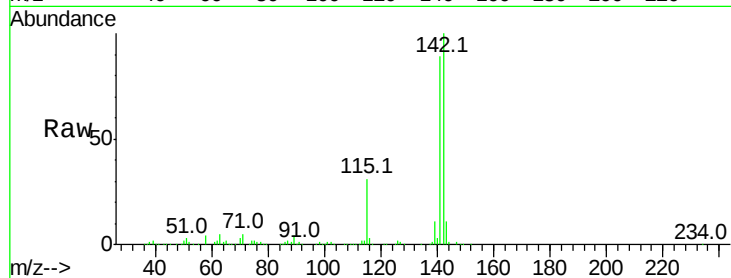
Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 819575

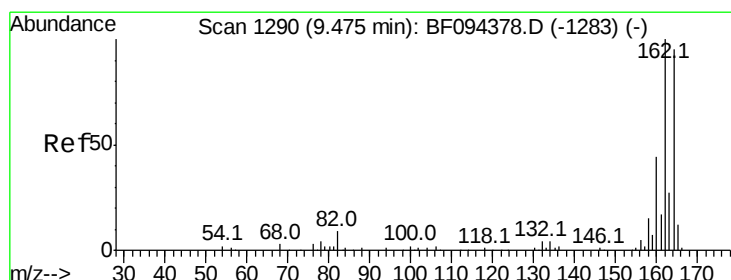
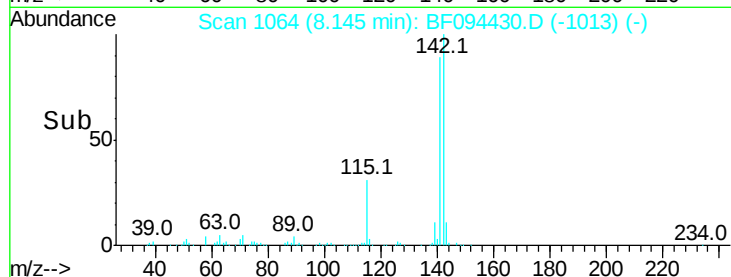
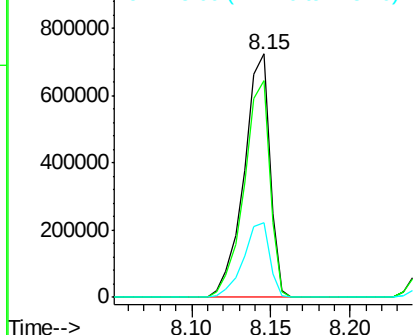
Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	30.6	27.1	40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.41 min Scan# 1279

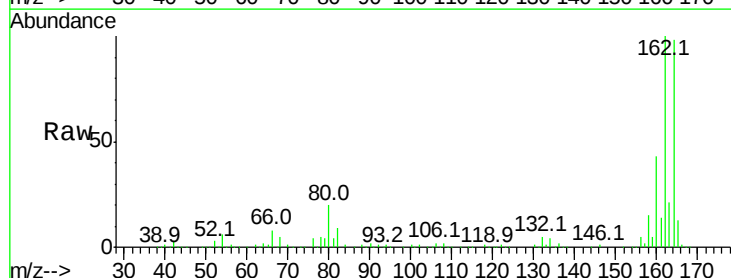
Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Tgt Ion:164 Resp: 275230

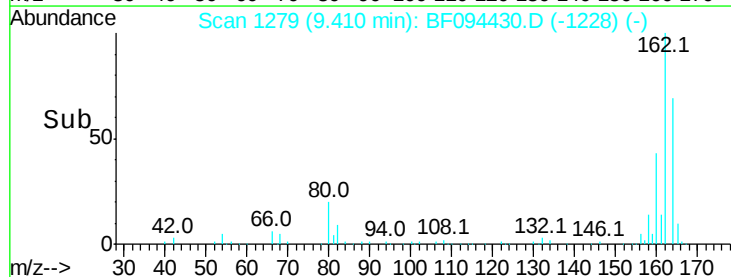
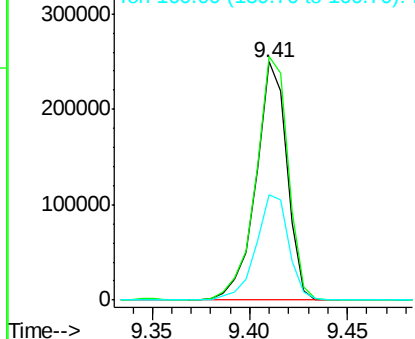
Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	44.2	36.2	54.2

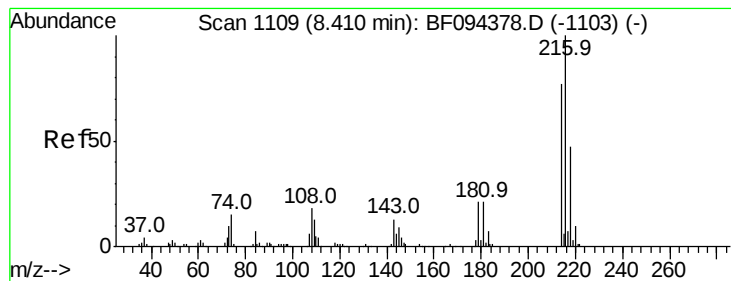


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.84 ng

RT: 8.35 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 307484

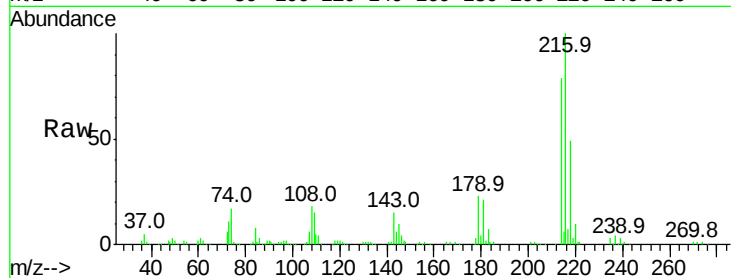
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.2

179 22.8 17.9 26.9

108 21.7 16.5 24.7

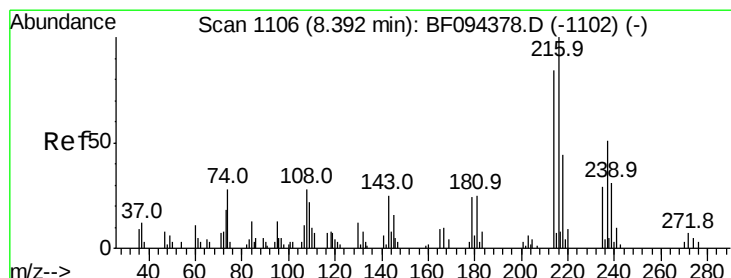
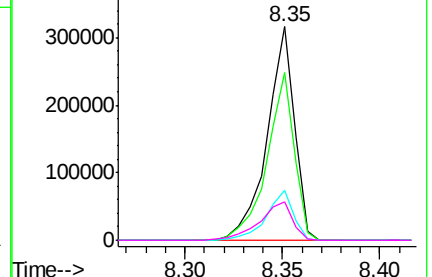
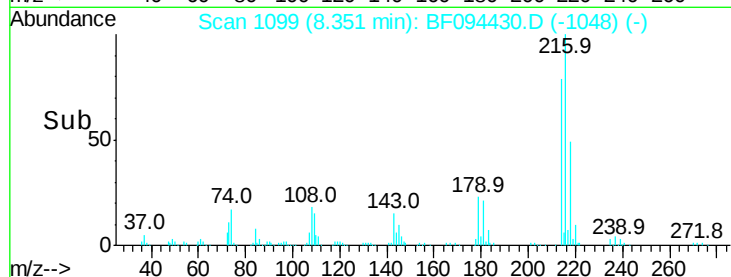


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.22 ng

RT: 8.34 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

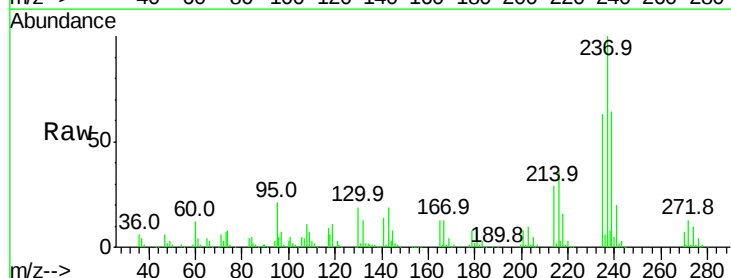
Tgt Ion:237 Resp: 286158

Ion Ratio Lower Upper

237 100

235 63.0 42.6 82.6

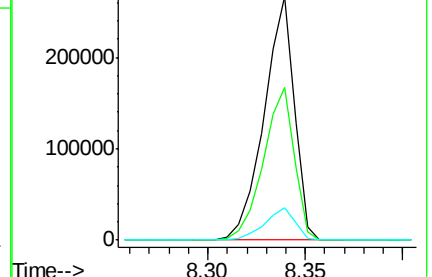
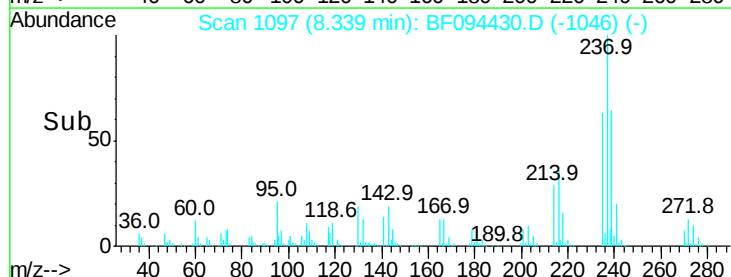
272 13.1 0.0 31.9

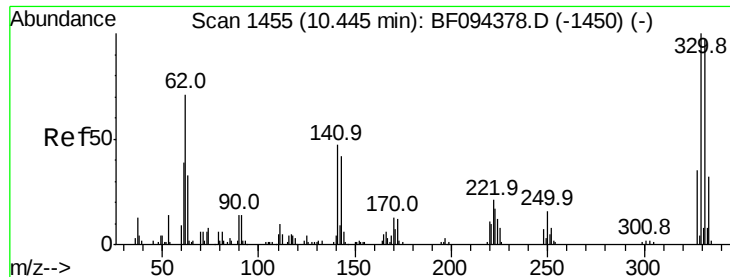


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

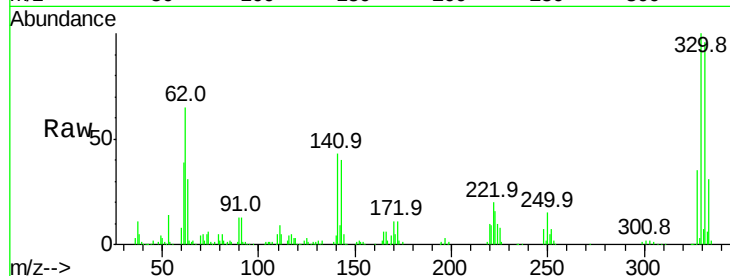




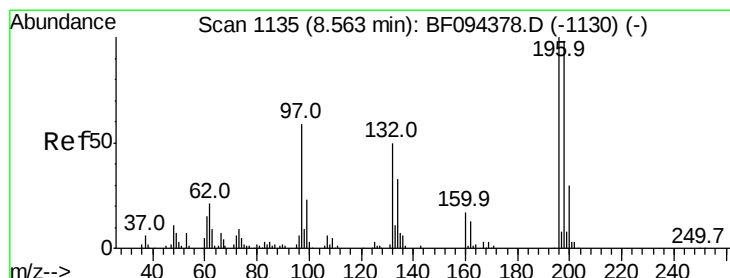
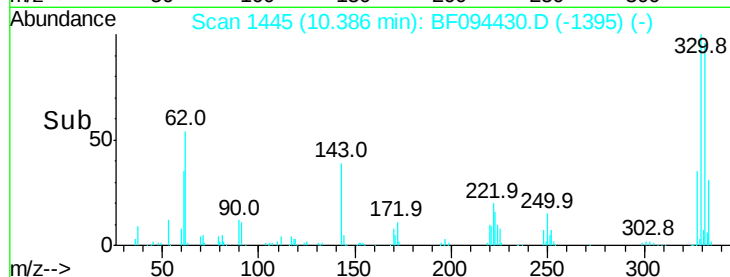
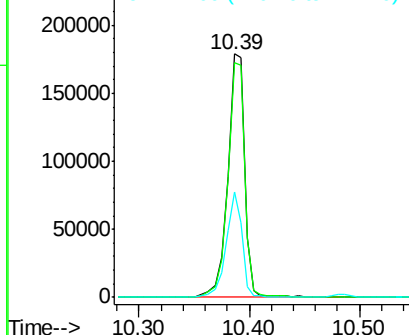
#41
 2,4,6-Tribromophenol
 Concen: 89.04 ng
 RT: 10.39 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 193653
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 40.7 31.4 47.2

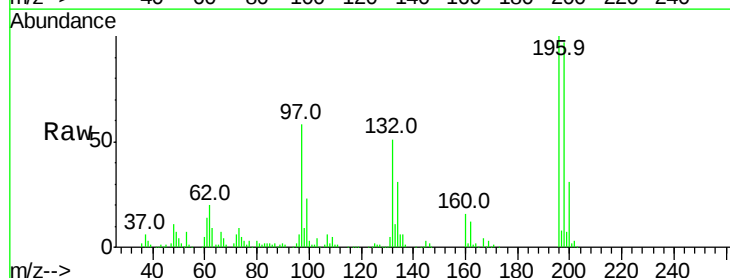


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

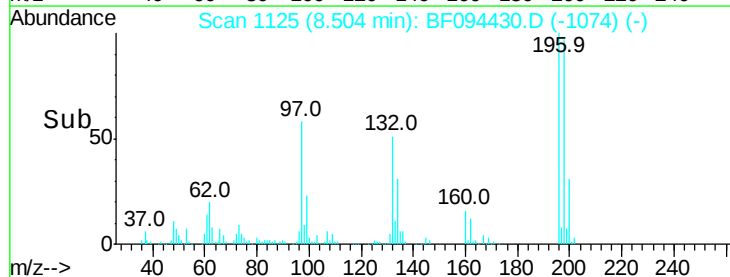
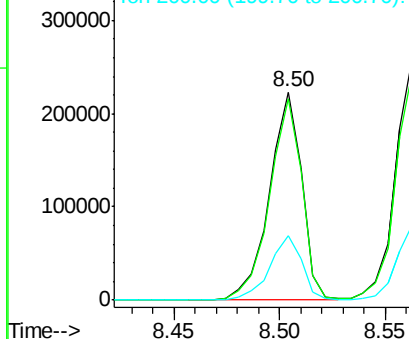


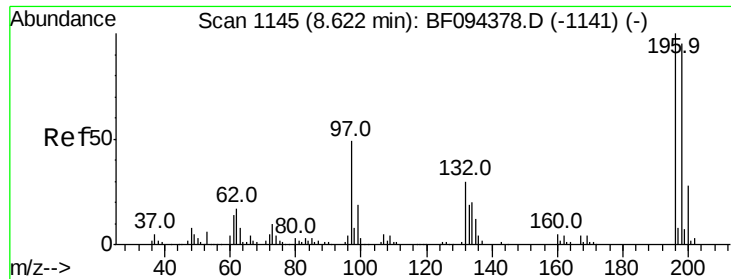
#42
 2,4,6-Trichlorophenol
 Concen: 44.79 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion:196 Resp: 238589
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.2 111.4
 200 31.0 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

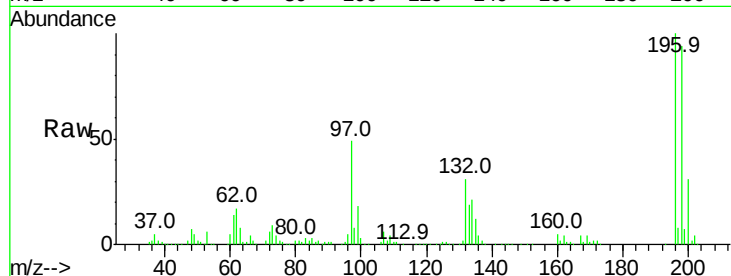




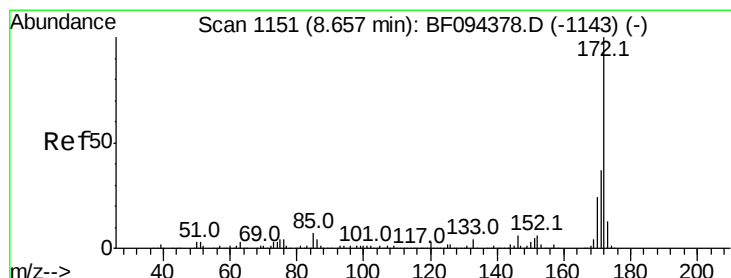
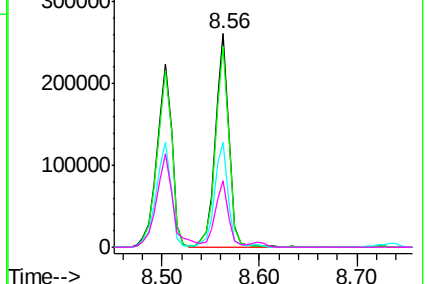
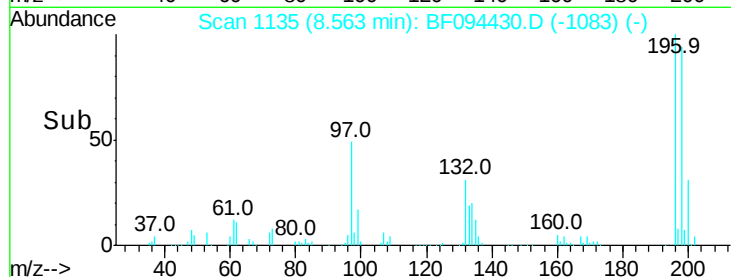
#43
 2,4,5-Trichlorophenol
 Concen: 43.52 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	250829
Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.7	113.5
97	49.4	47.7	71.5
132	31.4	28.0	42.0

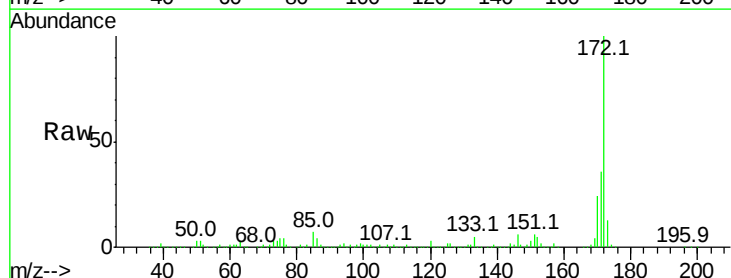


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

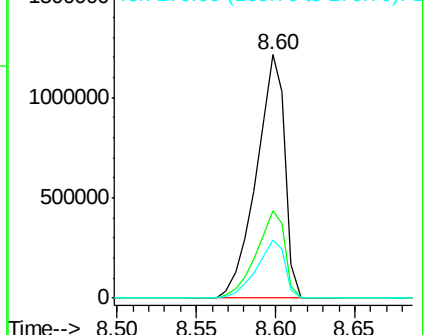
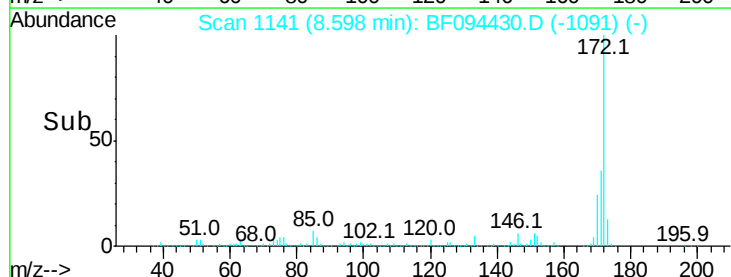


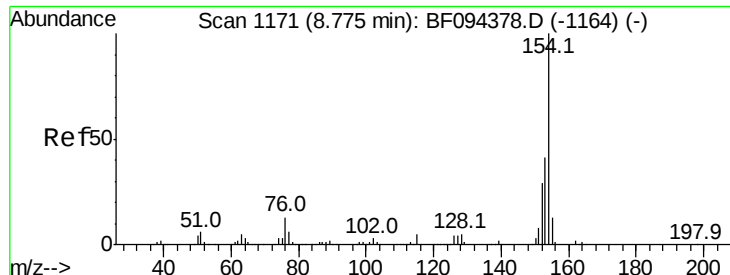
#44
 2-Fluorobiphenyl
 Concen: 84.25 ng
 RT: 8.60 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion:	172	Resp:	1520190
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.8	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

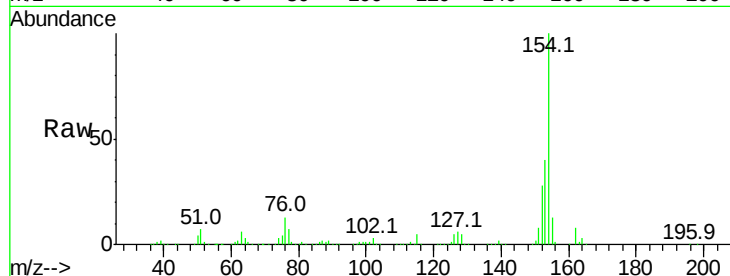




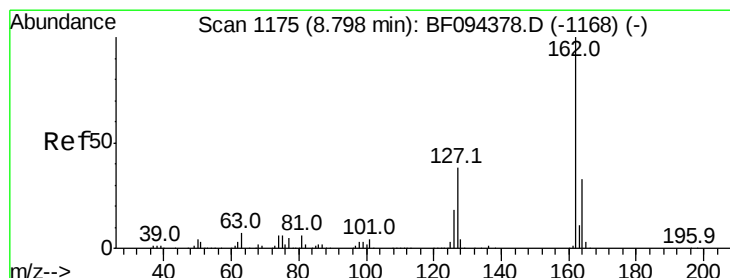
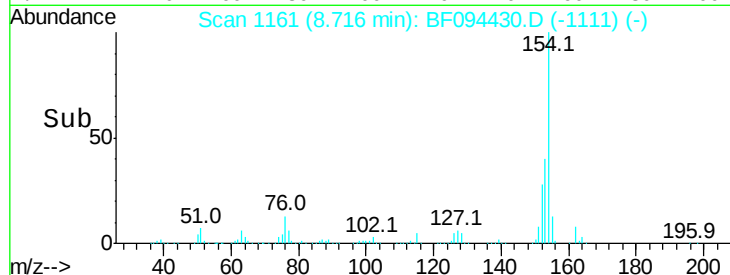
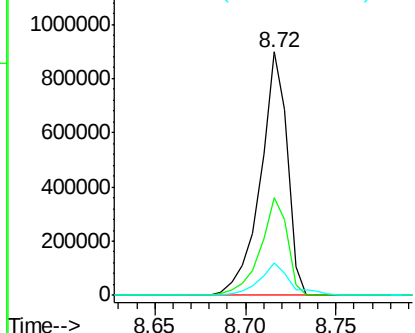
#45
 1,1'-Biphenyl
 Concen: 41.54 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 922164
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.2 61.2
 76 13.1 0.0 29.9

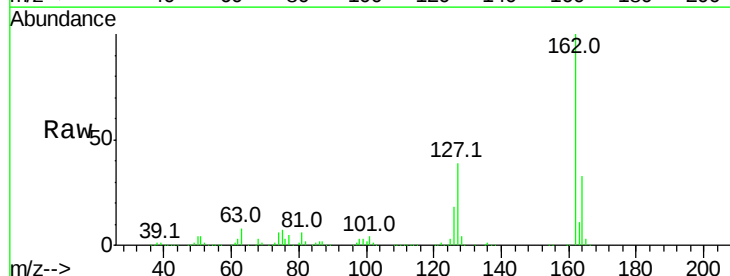


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

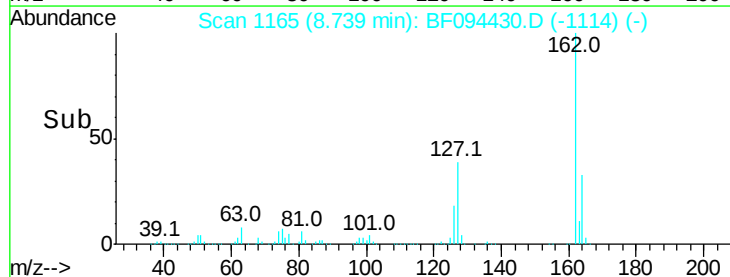
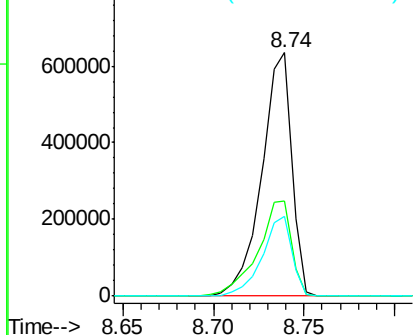


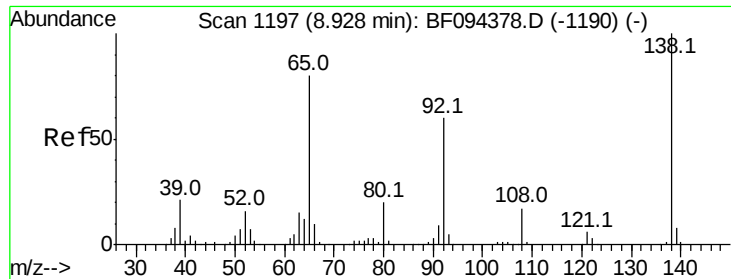
#46
 2-Chloronaphthalene
 Concen: 42.03 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion:162 Resp: 730404
 Ion Ratio Lower Upper
 162 100
 127 38.8 28.3 42.5
 164 32.9 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

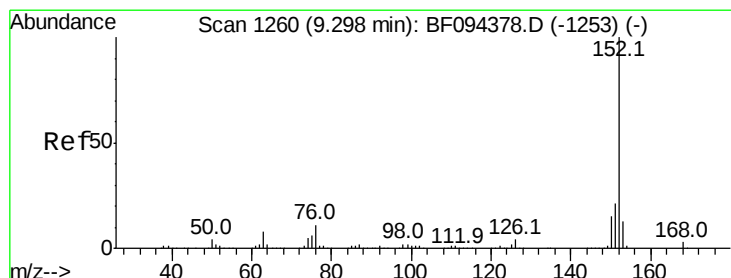
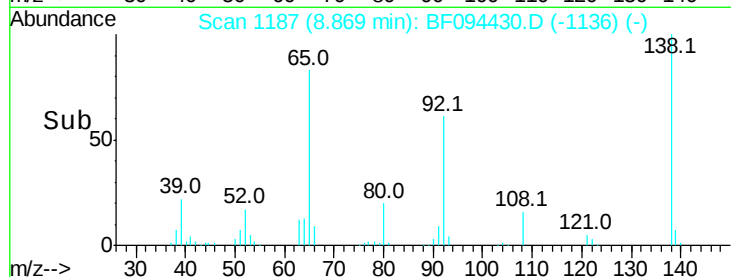
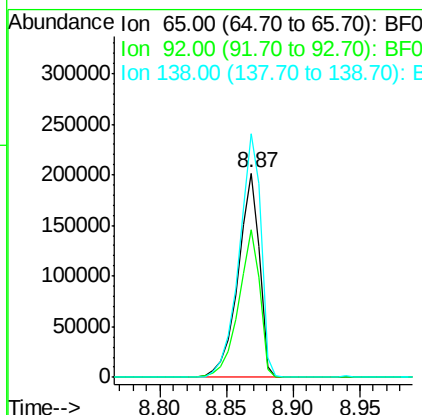
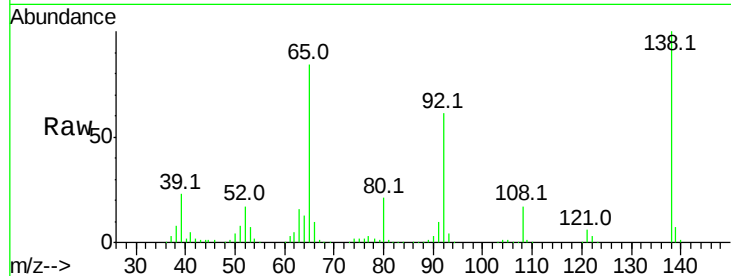




#47
 2-Nitroaniline
 Concen: 43.68 ng
 RT: 8.87 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

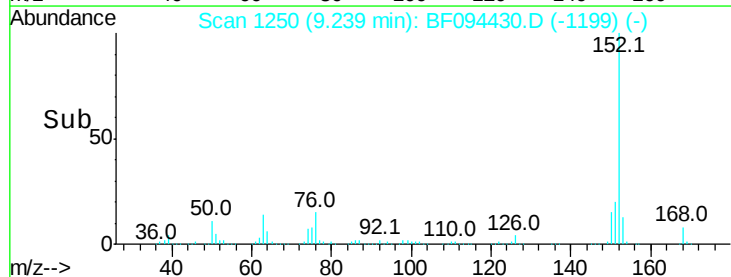
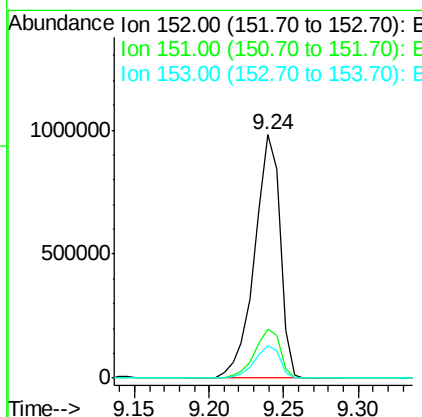
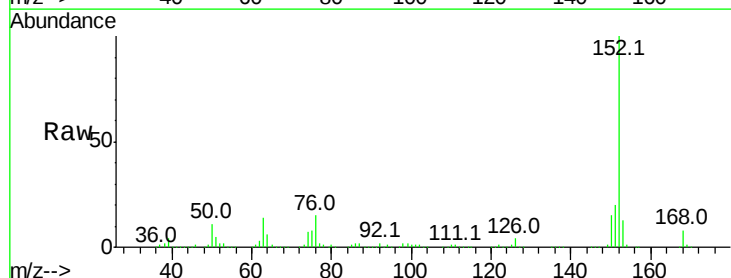
Instrument :
 BNA_F
 ClientSampleId :

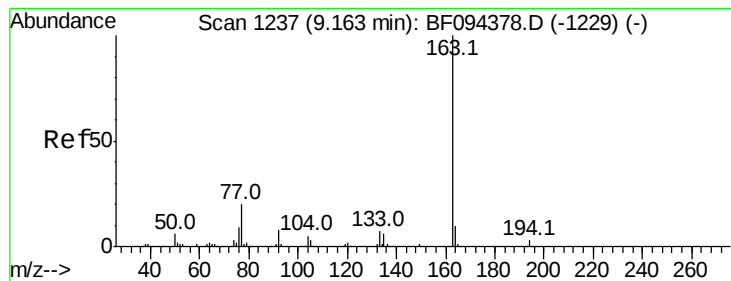
Tot Ion: 65 Resp: 225174
 Ion Ratio Lower Upper
 65 100
 92 72.3 53.9 80.9
 138 119.3 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.83 ng
 RT: 9.24 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion:152 Resp: 1150295
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 45.48 ng

RT: 9.11 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

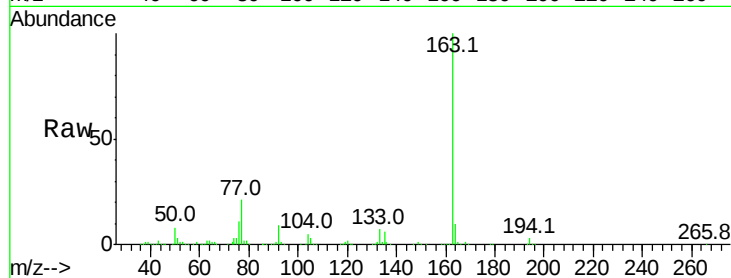
Tot Ion:163 Resp: 889785

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

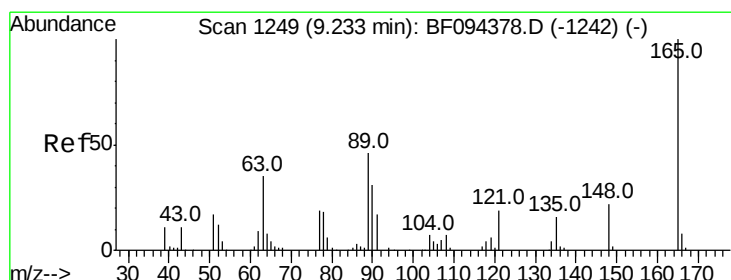
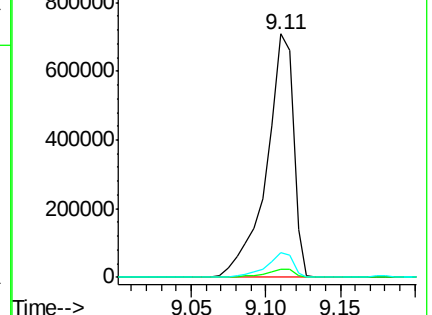
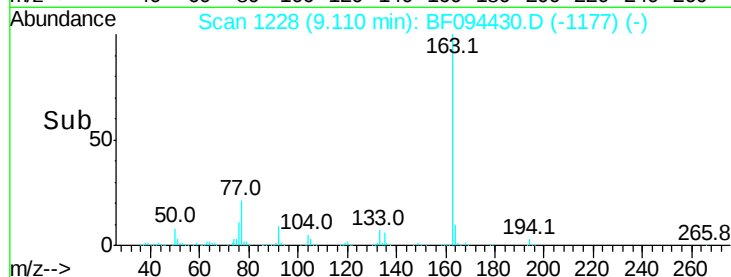
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.98 ng

RT: 9.17 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

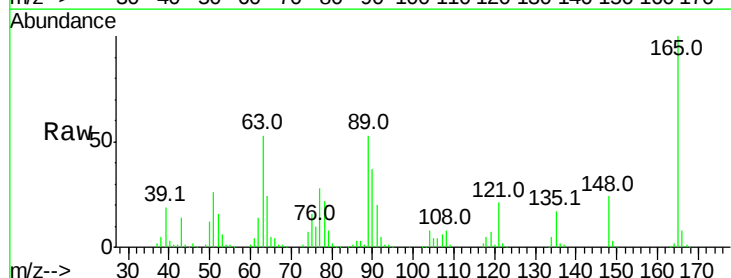
Tgt Ion:165 Resp: 201722

Ion Ratio Lower Upper

165 100

63 52.5 34.3 51.5#

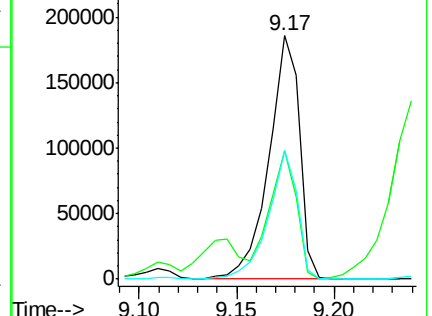
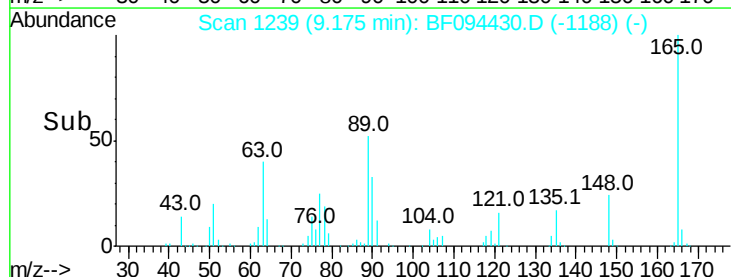
89 52.7 37.1 55.7

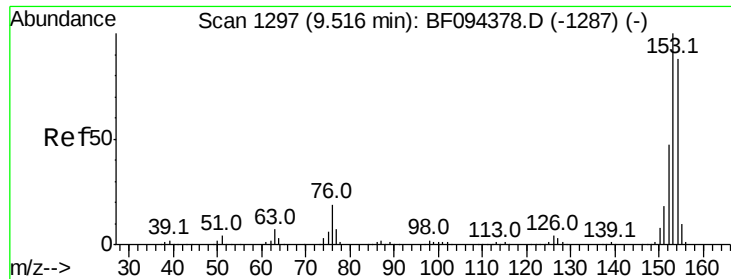


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.29 ng

RT: 9.46 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

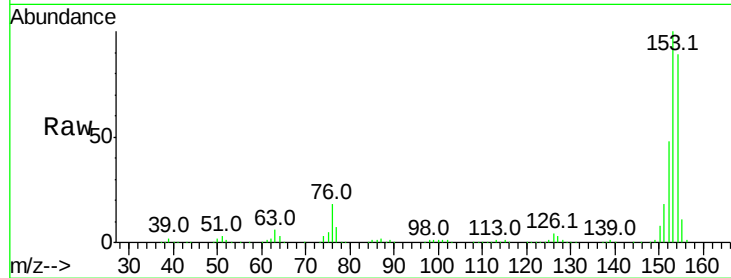
Tot Ion:154 Resp: 695763

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

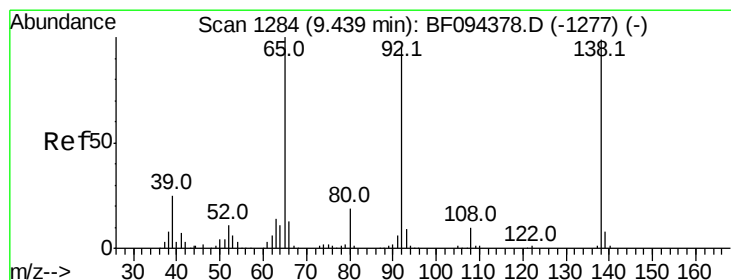
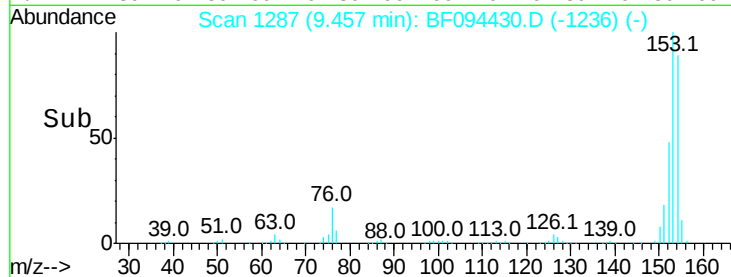
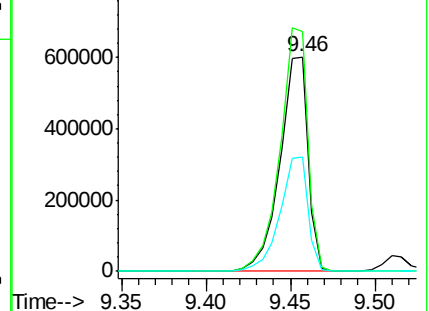
152 53.3 43.6 65.4



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: 18.95 ng

RT: 9.37 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

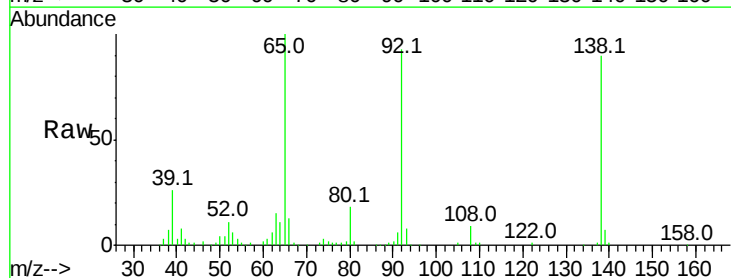
Tgt Ion:138 Resp: 99794

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

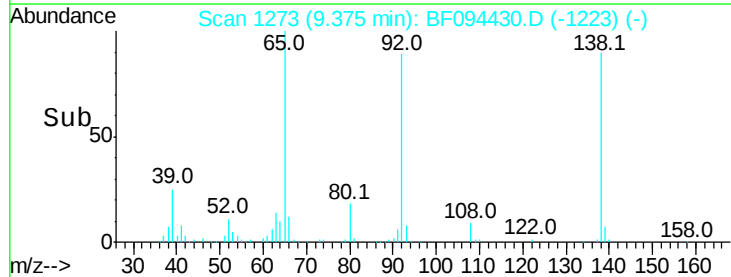
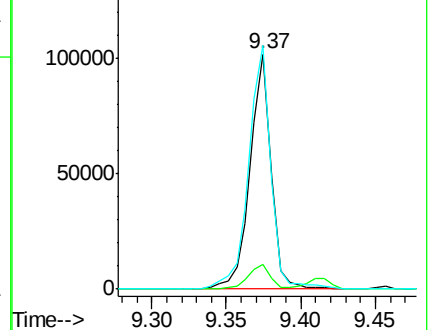
92 103.7 93.8 140.6

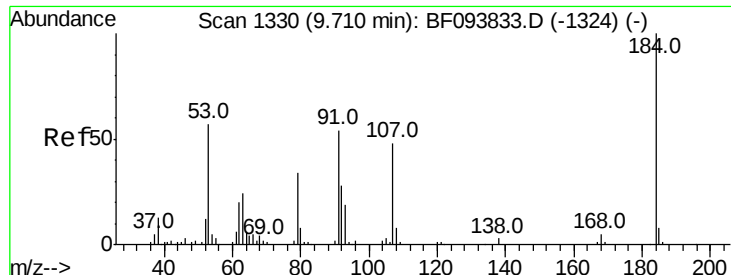


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

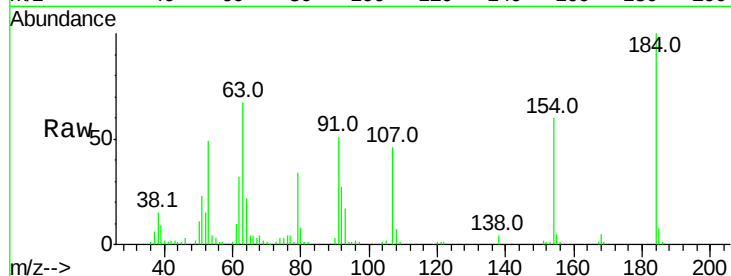




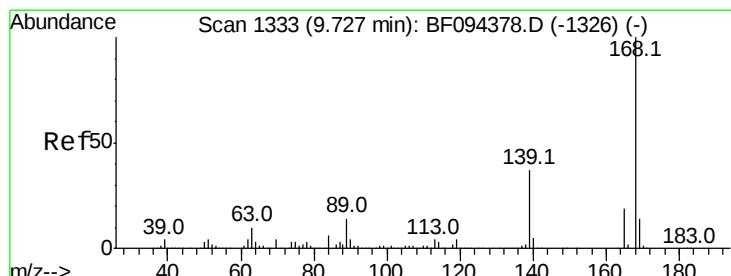
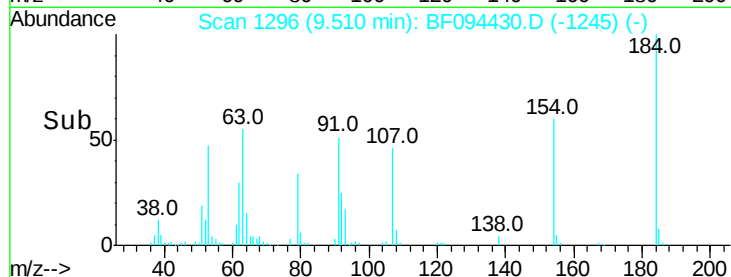
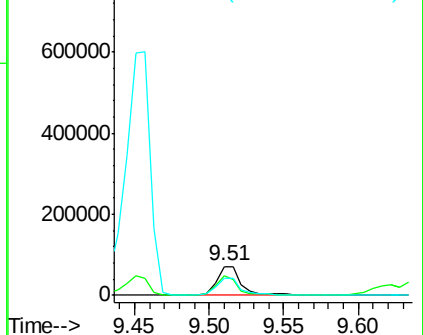
#53
2,4-Dinitrophenol
Concen: 37.86 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 84599
Ion Ratio Lower Upper
184 100
63 67.3 62.7 94.1
154 60.4 81.1 121.7#

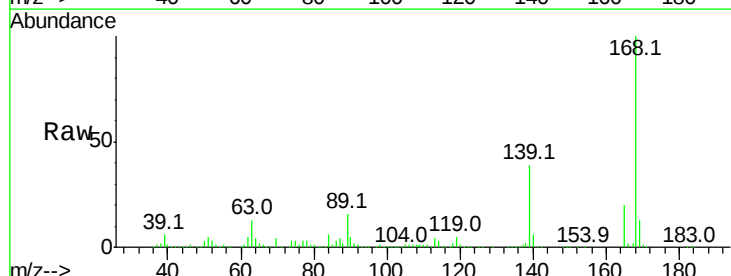


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

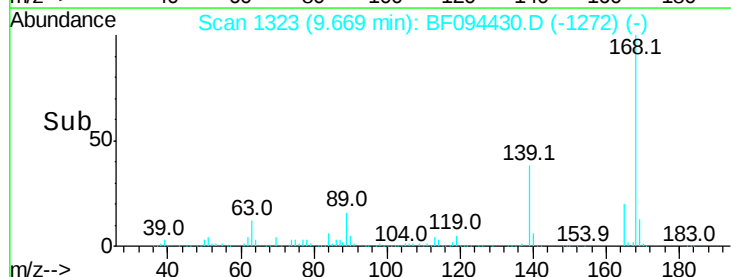
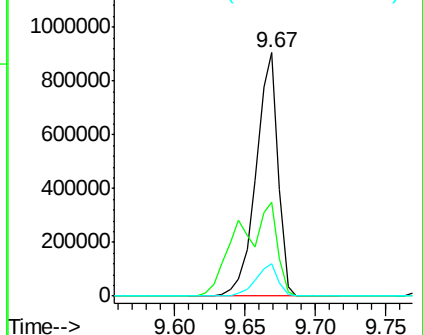


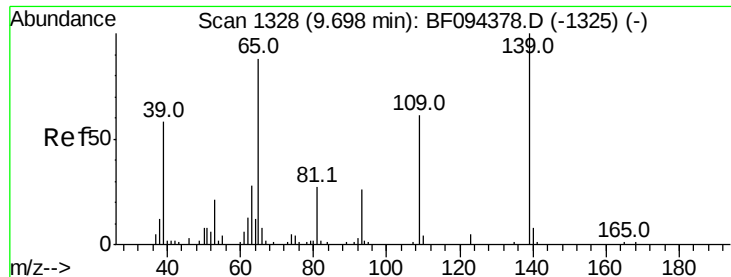
#54
Dibenzofuran
Concen: 43.35 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion:168 Resp: 994449
Ion Ratio Lower Upper
168 100
139 38.8 30.6 45.8
169 13.5 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: 91.60 ng

RT: 9.65 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

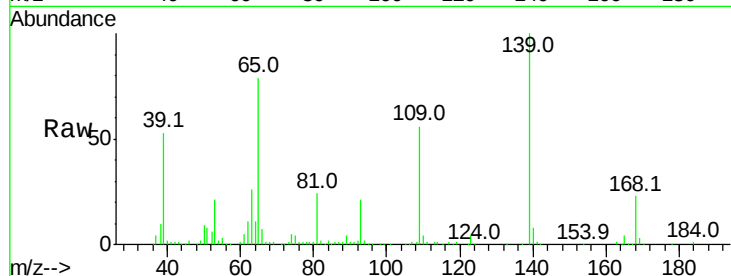
Tot Ion:139 Resp: 377798

Ion Ratio Lower Upper

139 100

109 56.3 34.1 74.1

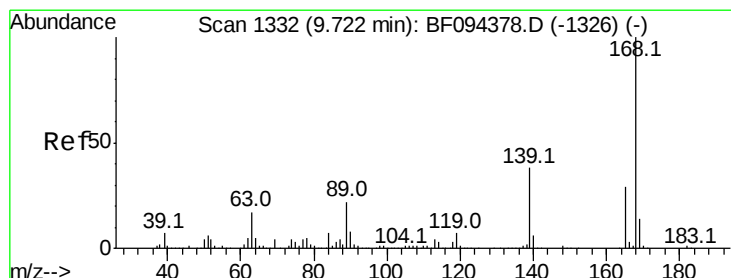
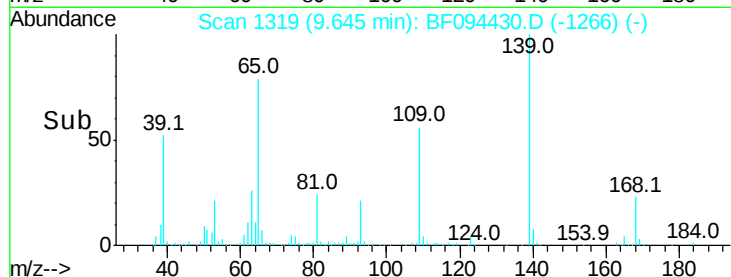
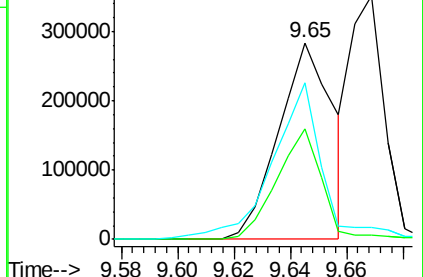
65 79.3 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.04 ng

RT: 9.67 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Tgt Ion:165 Resp: 248140

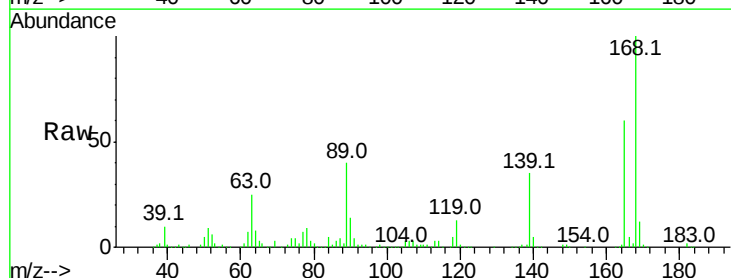
Ion Ratio Lower Upper

165 100

63 41.8 25.4 38.0#

89 66.4 46.4 69.6

182 2.7 1.8 2.6#

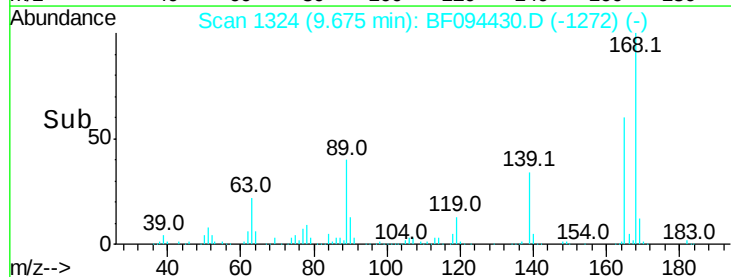
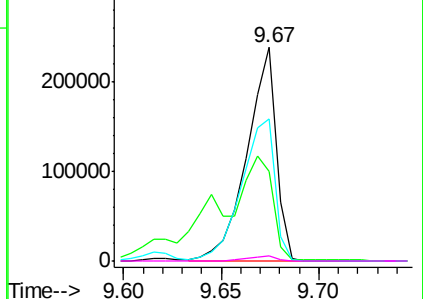


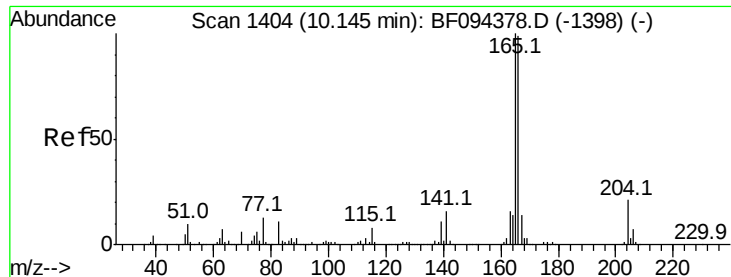
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

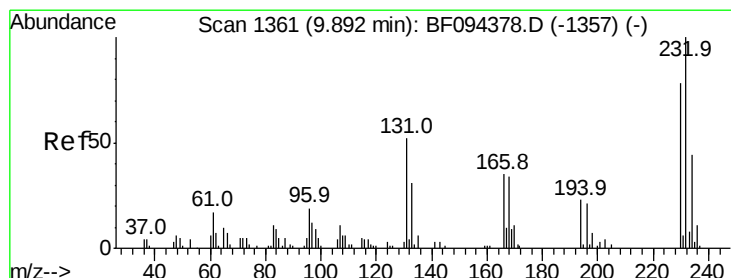
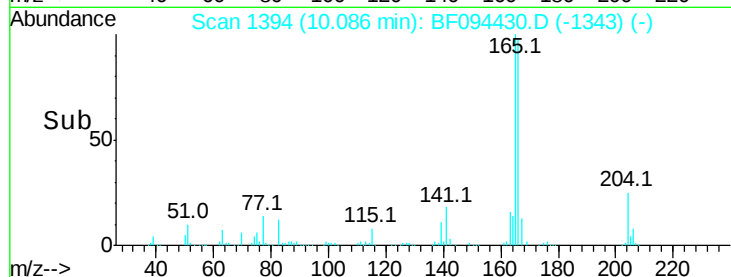
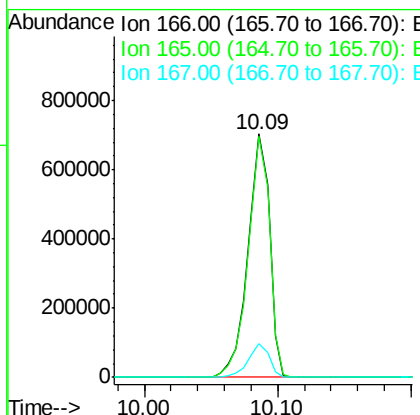
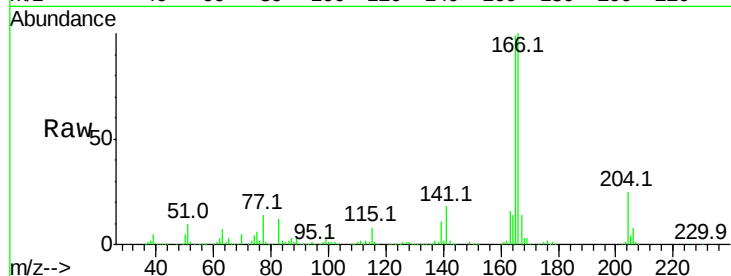




#57
 Fluorene
 Concen: 41.11 ng
 RT: 10.09 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

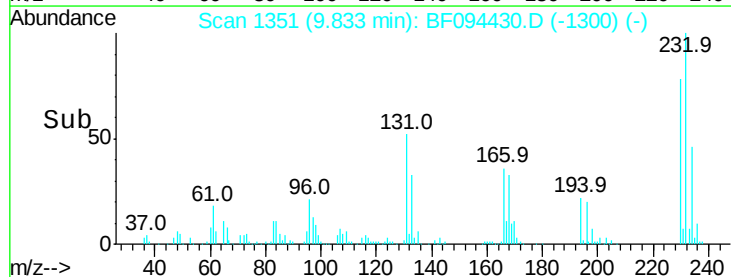
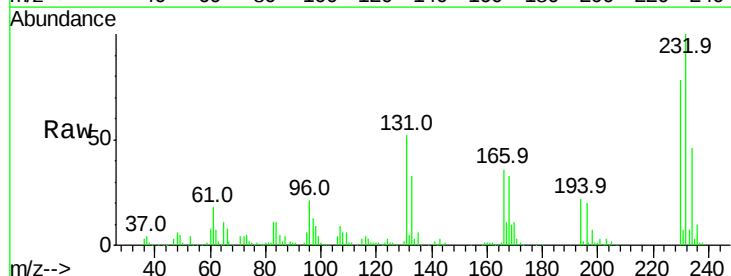
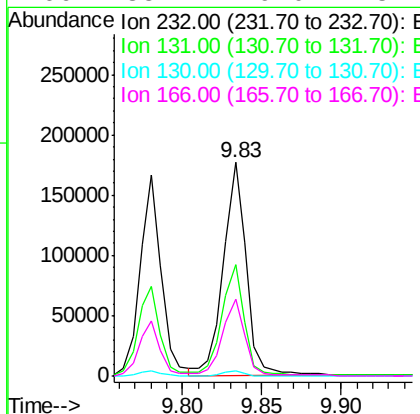
Instrument :
 BNA_F
 ClientSampleId :

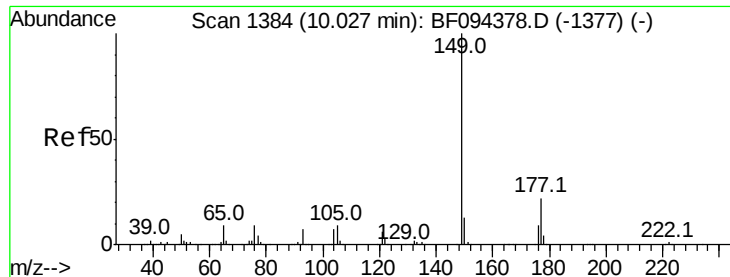
Tot Ion:166 Resp: 782078
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.55 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion:232 Resp: 176199
 Ion Ratio Lower Upper
 232 100
 131 52.5 44.8 67.2
 130 2.6 2.3 3.5
 166 35.7 29.0 43.4

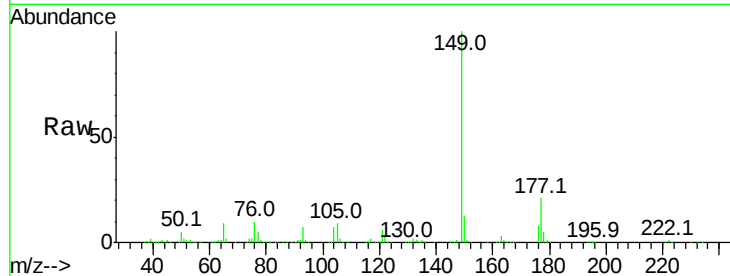




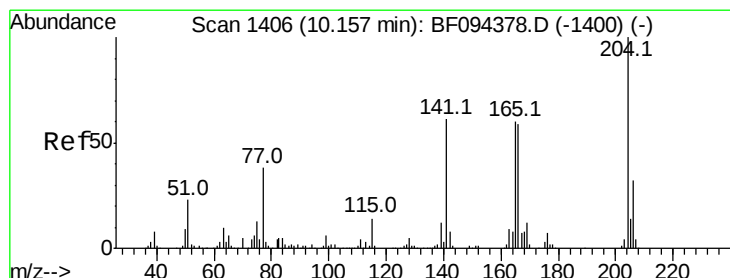
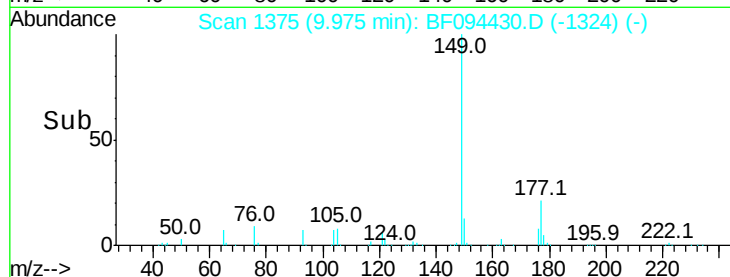
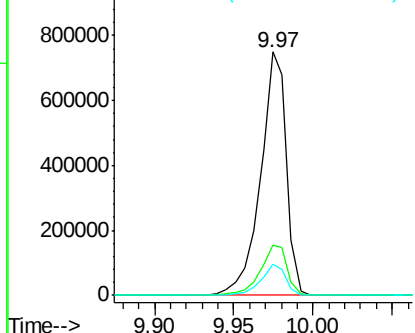
#59
Diethylphthalate
Concen: 44.16 ng
RT: 9.97 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 853844
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.6 10.2 15.2

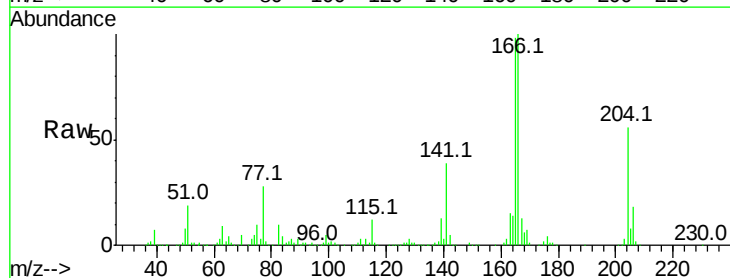


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

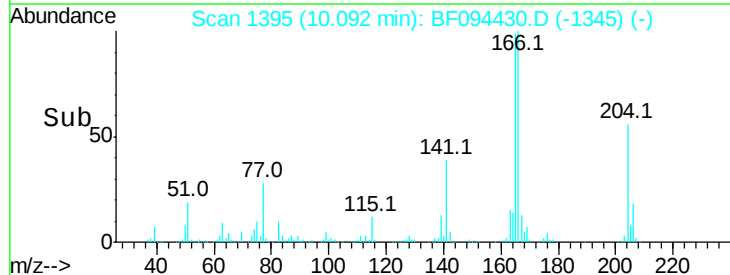
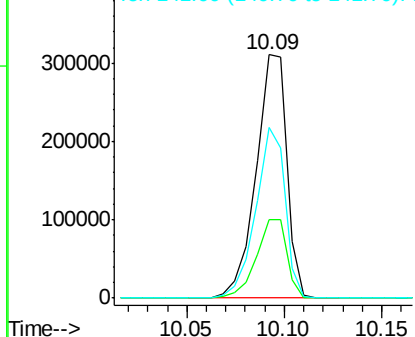


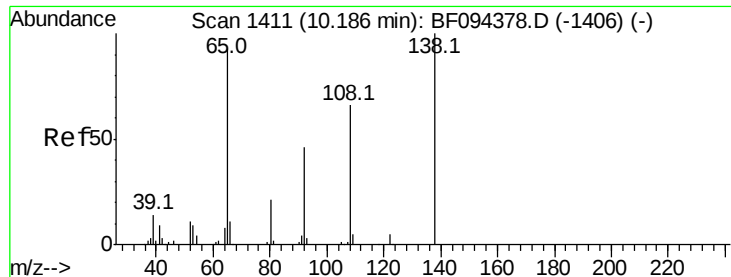
#60
4-Chlorophenyl-phenylether
Concen: 42.04 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion:204 Resp: 340720
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 69.8 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

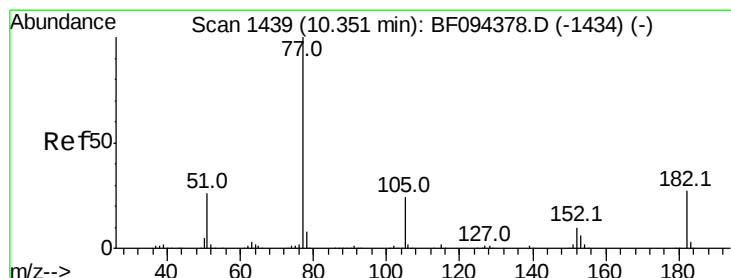
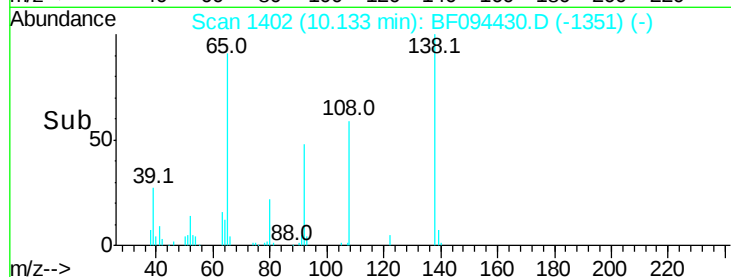
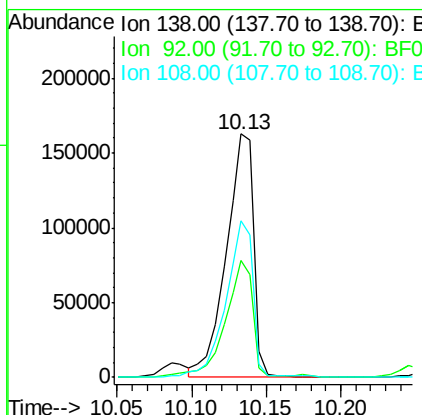
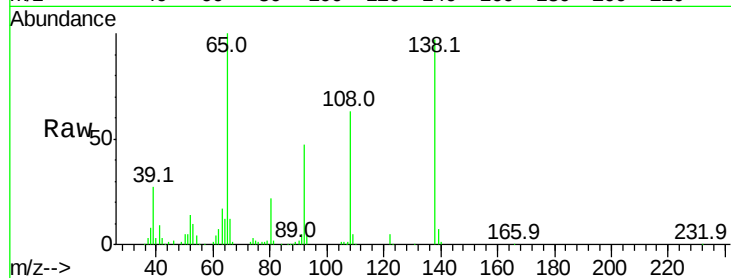




#61
4-Nitroaniline
Concen: 41.34 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

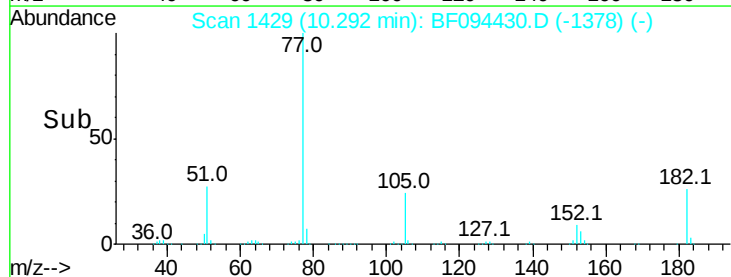
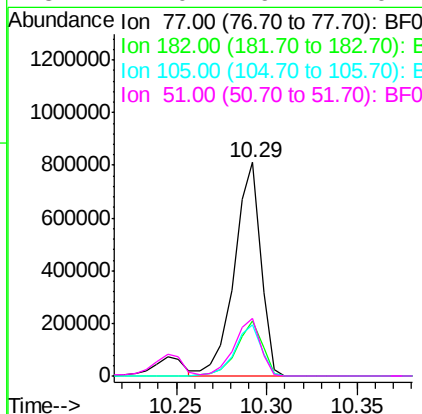
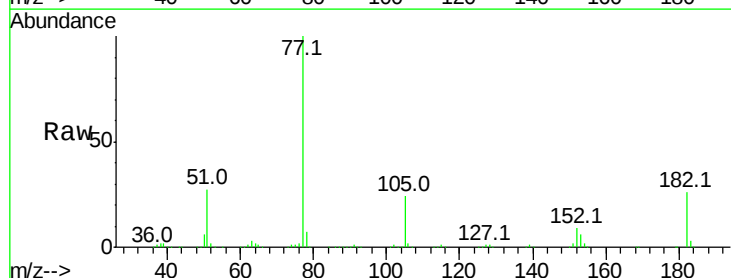
Instrument :
BNA_F
ClientSampled :

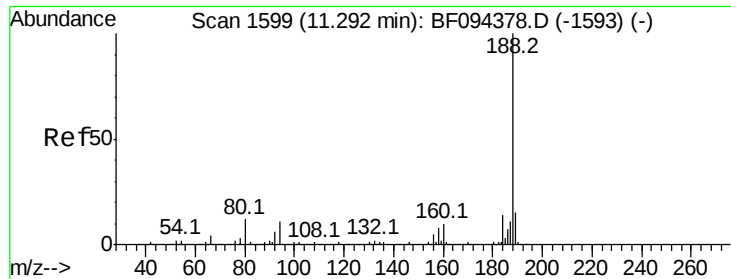
Tot Ion:138 Resp: 208899
Ion Ratio Lower Upper
138 100
92 48.3 21.8 61.8
108 64.6 42.3 82.3



#62
Azobenzene
Concen: 44.92 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion: 77 Resp: 821664
Ion Ratio Lower Upper
77 100
182 25.7 0.1 40.1
105 24.0 3.6 43.6
51 27.0 9.4 49.4

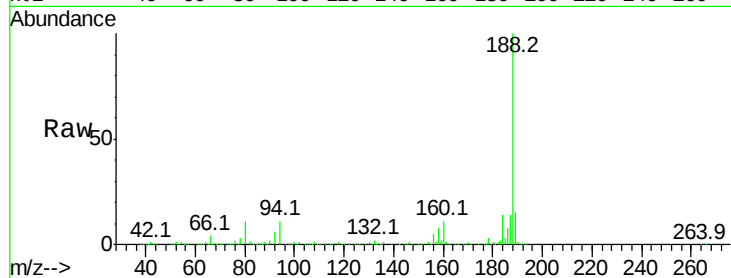




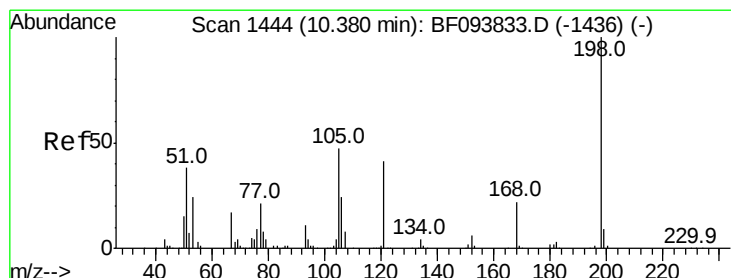
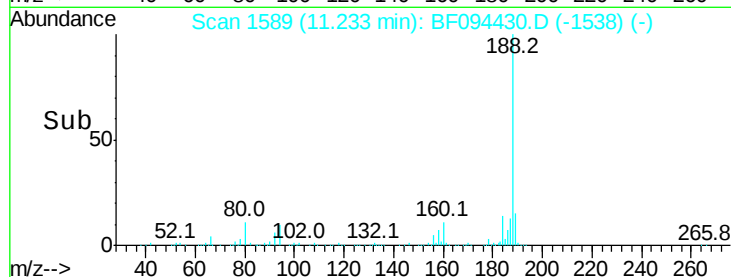
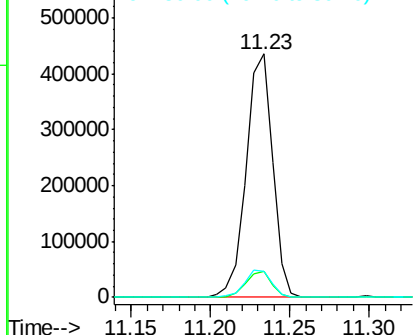
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 505860
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.7 10.2 15.2

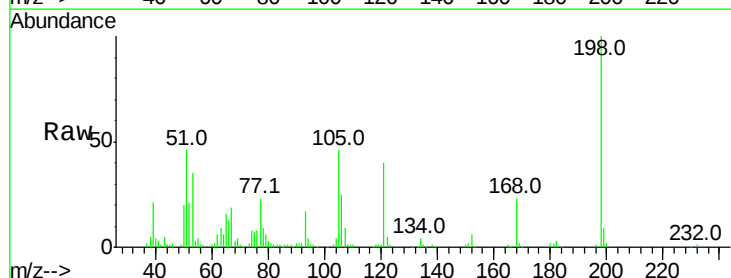


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

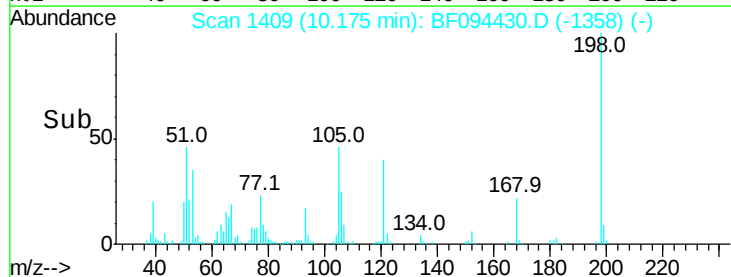
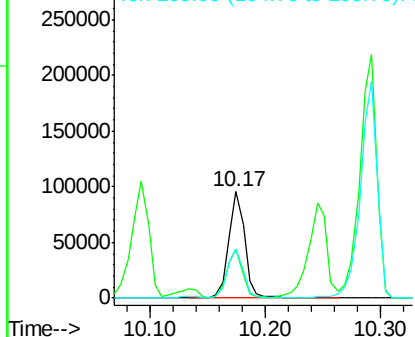


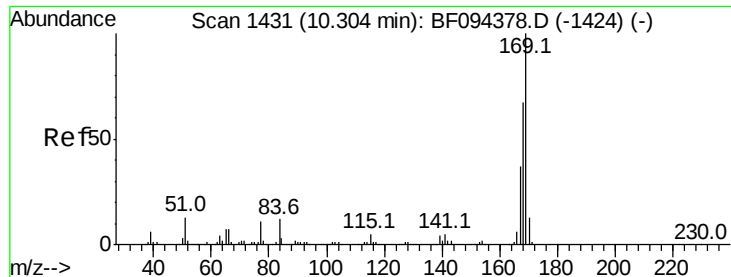
#64
4,6-Dinitro-2-methylphenol
Concen: 30.05 ng
RT: 10.17 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion:198 Resp: 93091
Ion Ratio Lower Upper
198 100
51 46.2 53.2 93.2#
105 46.2 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

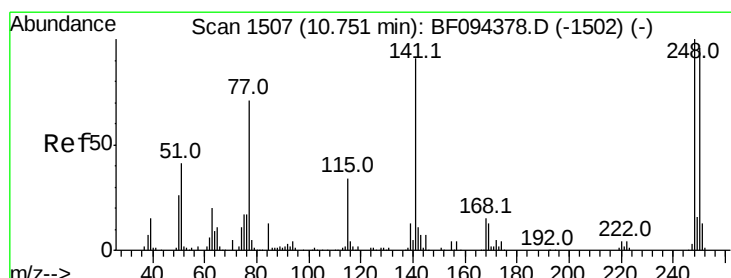
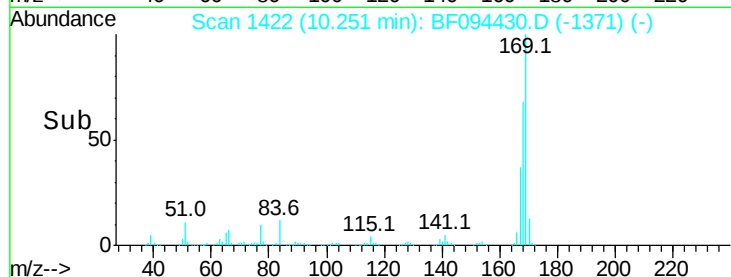
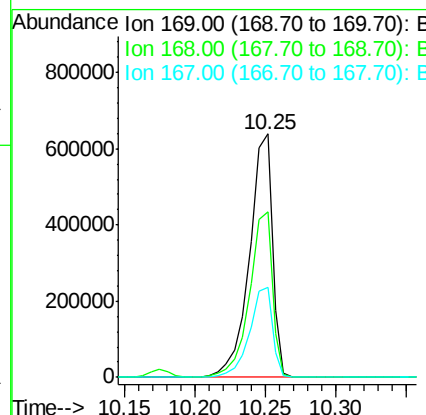
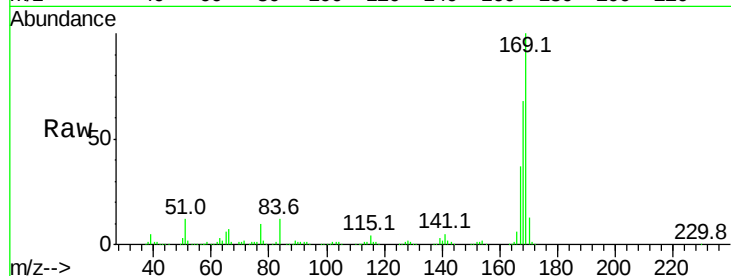




#65
n-Nitrosodiphenylamine
Concen: 41.64 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

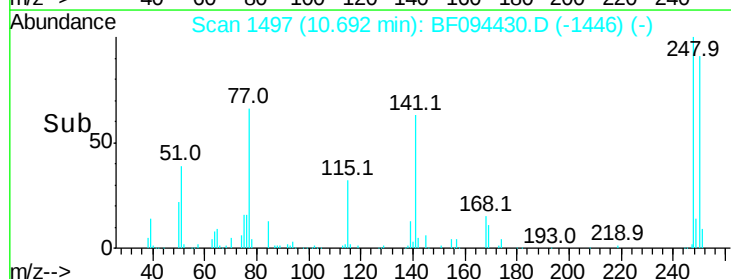
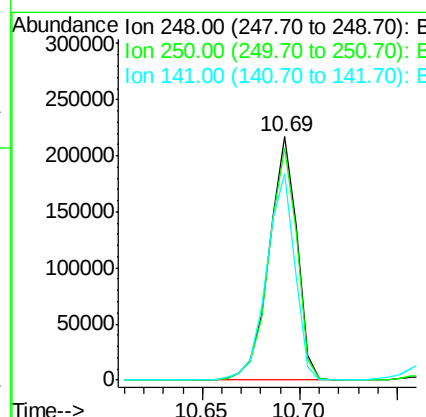
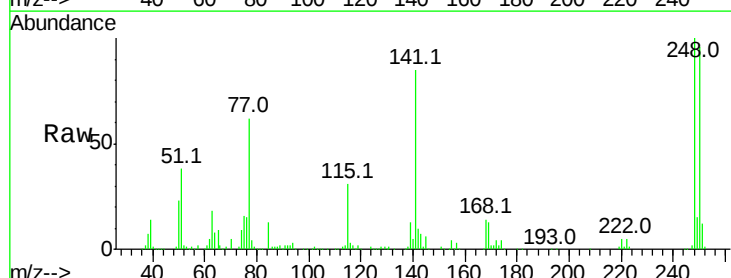
Instrument :
BNA_F
ClientSampleId :

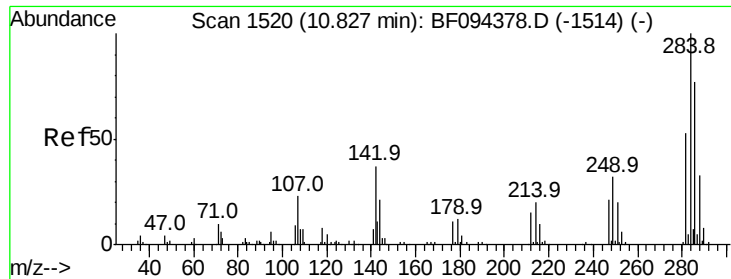
Tot Ion:169 Resp: 728398
Ion Ratio Lower Upper
169 100
168 68.0 53.2 79.8
167 37.0 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 43.13 ng
RT: 10.69 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion:248 Resp: 214591
Ion Ratio Lower Upper
248 100
250 95.5 76.8 115.2
141 84.8 68.6 103.0

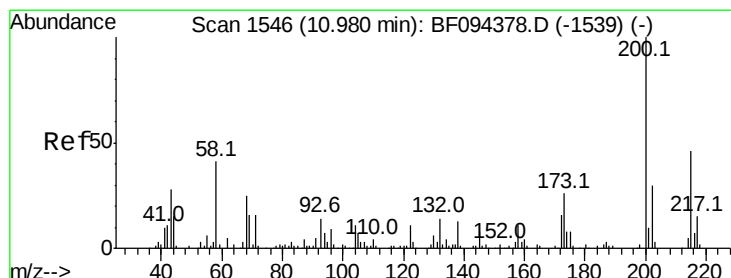
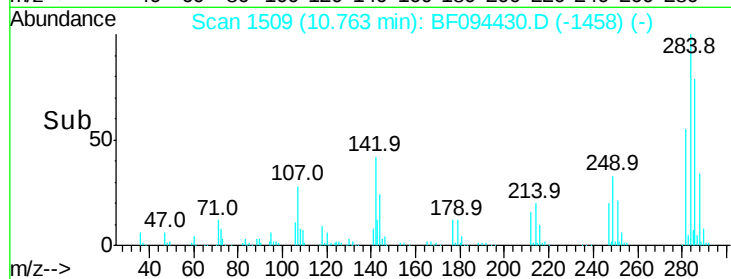
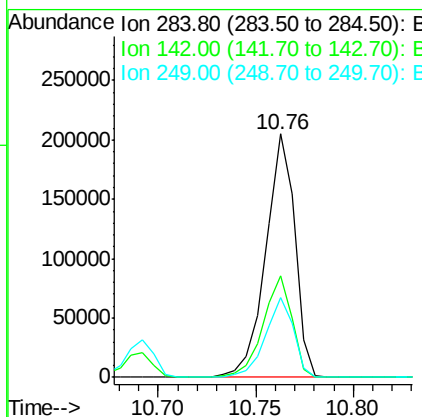
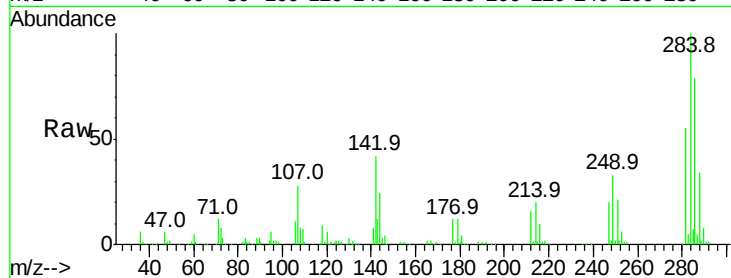




#67
Hexachlorobenzene
Concen: 42.06 ng
RT: 10.76 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

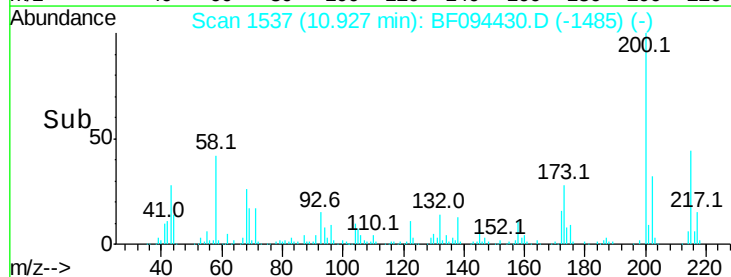
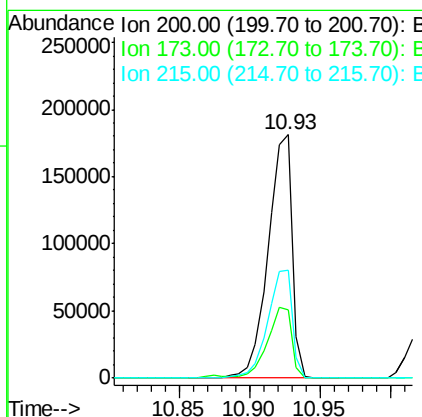
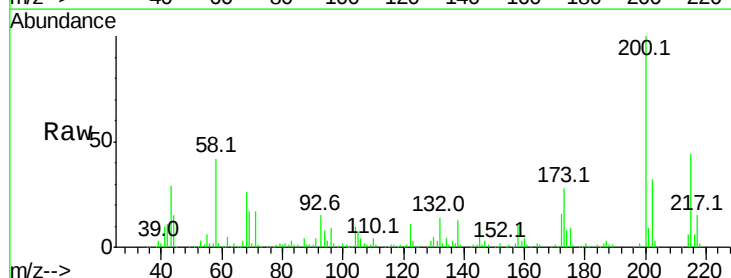
Instrument :
BNA_F
ClientSampleId :

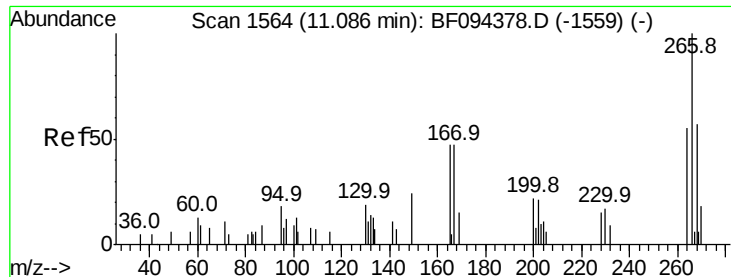
Tot Ion	Ratio	Lower	Upper
284	100		
142	41.9	22.8	34.2
249	32.5	24.0	36.0



#68
Atrazine
Concen: 41.55 ng
RT: 10.93 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	6.3	46.3
215	44.4	27.2	67.2

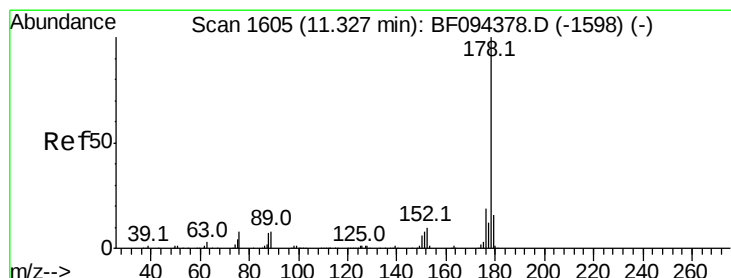
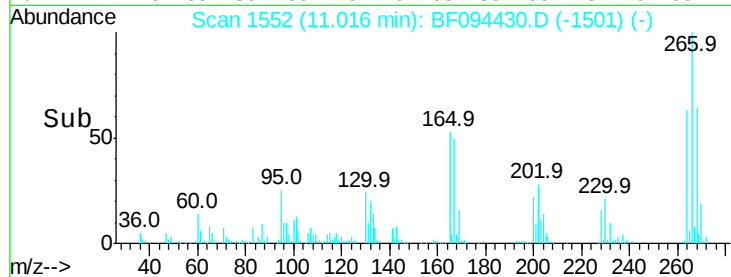
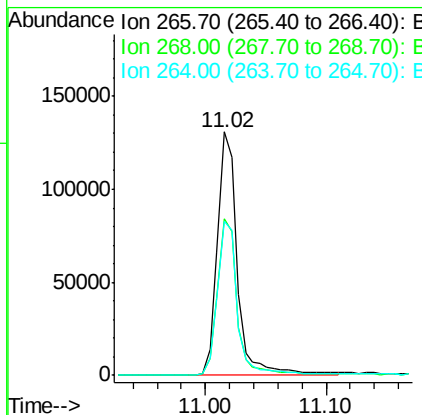
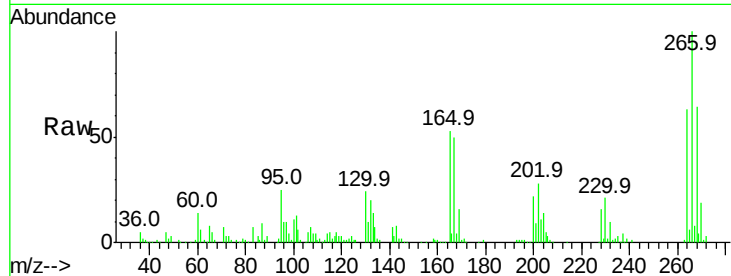




#69
 Pentachlorophenol
 Concen: 47.66 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

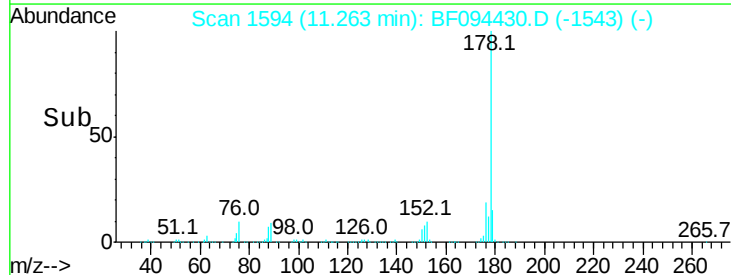
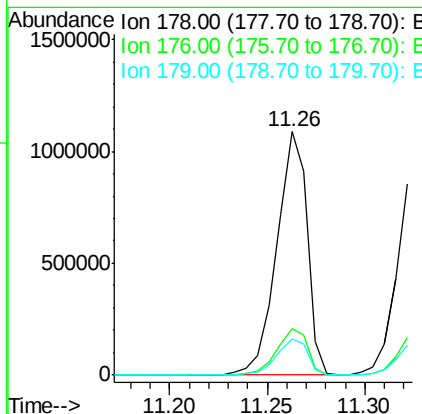
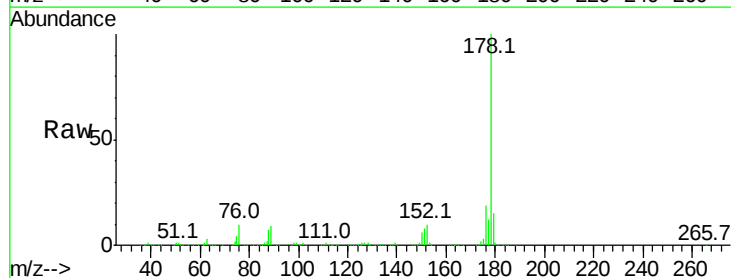
Instrument :
 BNA_F
 ClientSampleId :

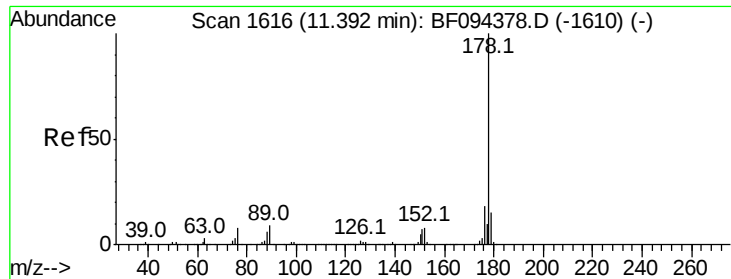
Tot Ion:266 Resp: 149393
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 63.2 51.7 77.5



#70
 Phenanthrene
 Concen: 41.54 ng
 RT: 11.26 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion:178 Resp: 1168997
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.0 12.6 19.0

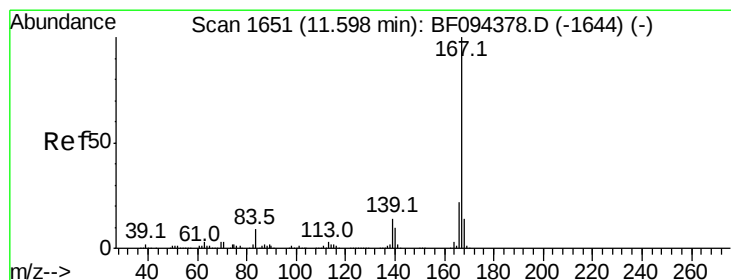
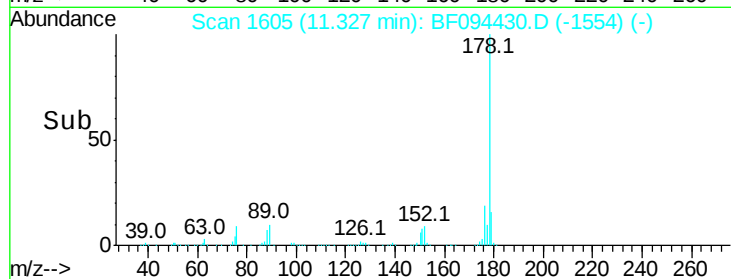
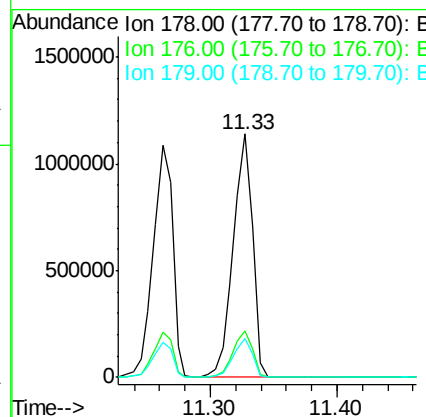
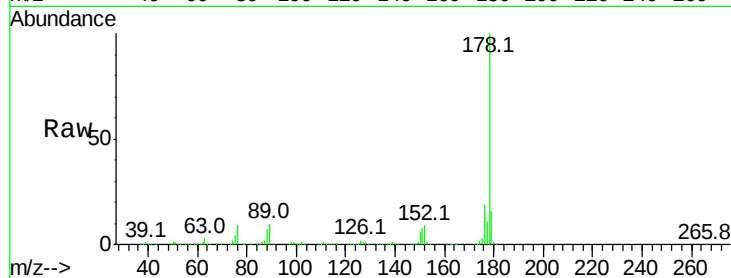




#71
 Anthracene
 Concen: 41.51 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

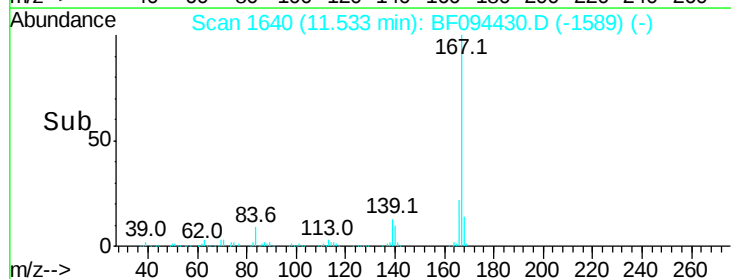
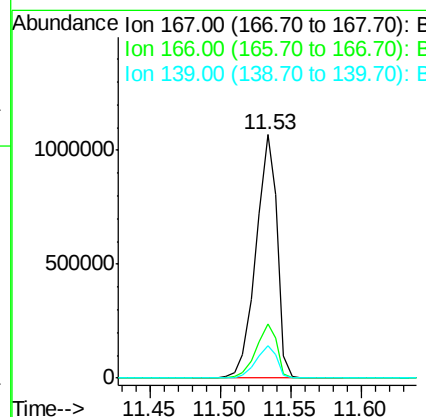
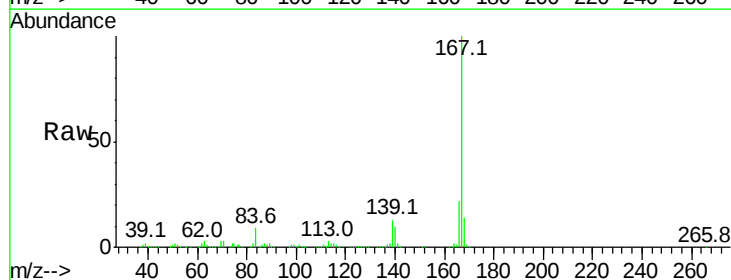
Instrument :
 BNA_F
 ClientSampleId :

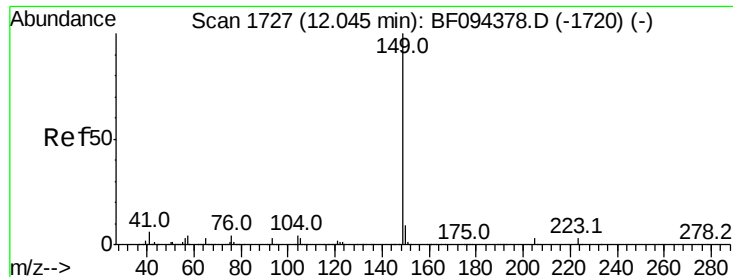
Tot Ion:178 Resp: 1202610
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 38.03 ng
 RT: 11.53 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion:167 Resp: 1129968
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.1 11.7 17.5

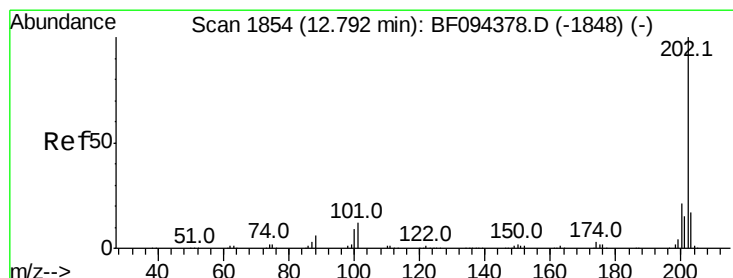
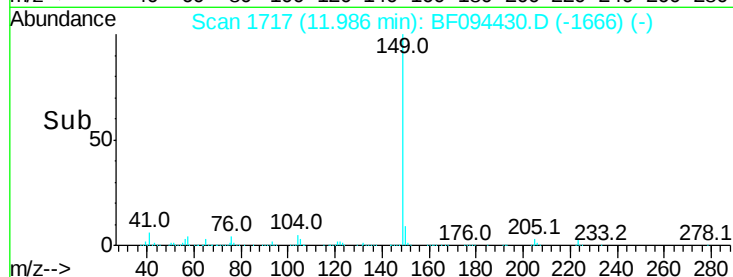
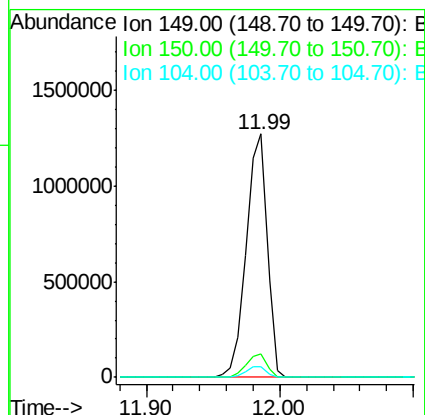
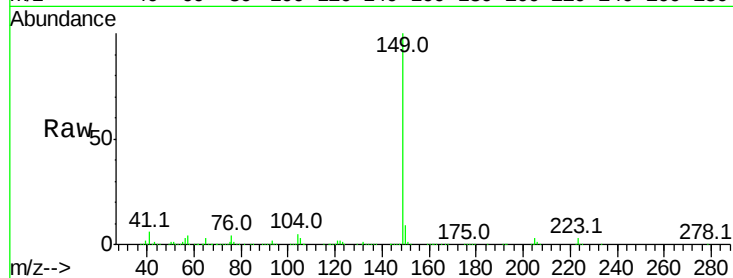




#73
Di-n-butylphthalate
Concen: 44.33 ng
RT: 11.99 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

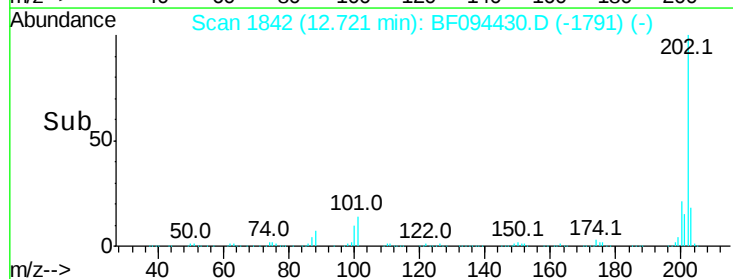
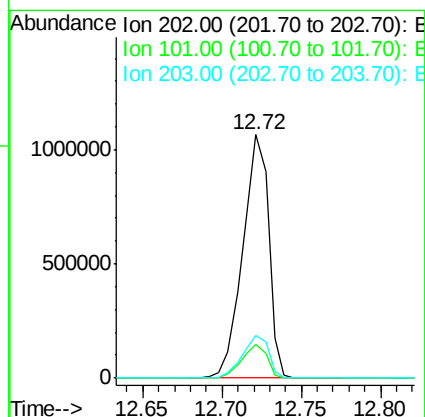
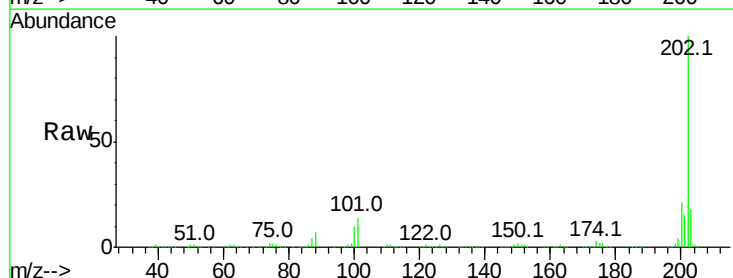
Instrument :
BNA_F
ClientSampleId :

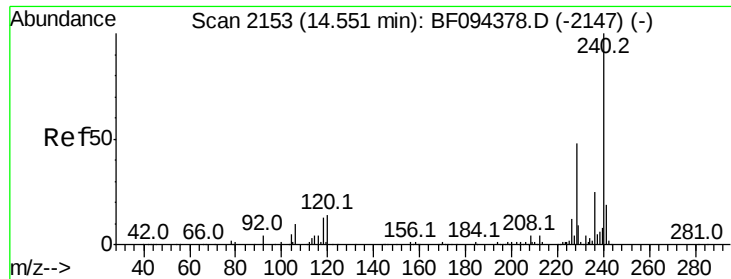
Tot Ion:149 Resp: 1369548
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 41.62 ng
RT: 12.72 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion:202 Resp: 1199222
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.48 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

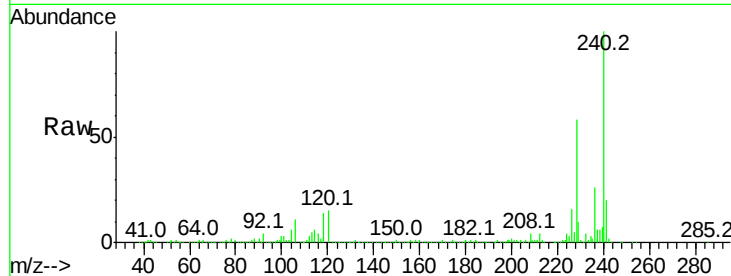
Tot Ion:240 Resp: 397075

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

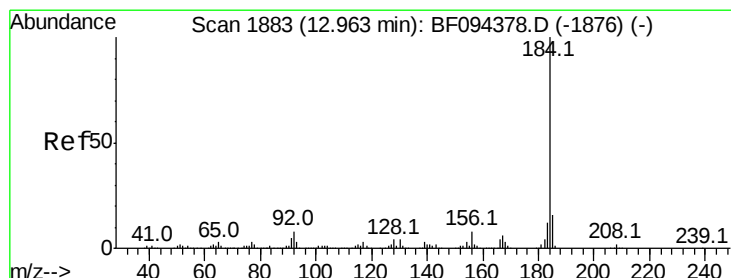
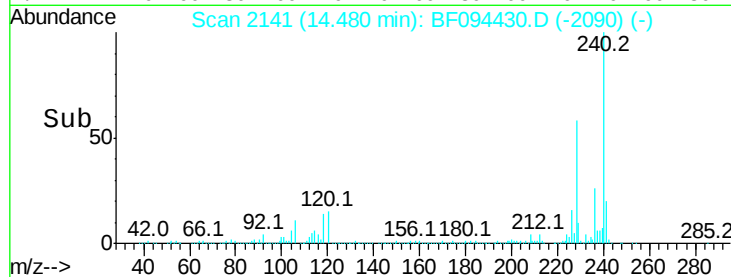
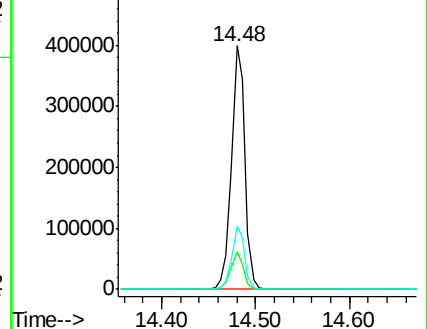
236 25.7 20.5 30.7



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: 18.80 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

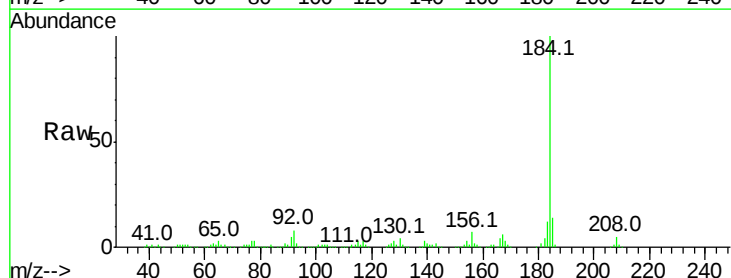
Tgt Ion:184 Resp: 295519

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

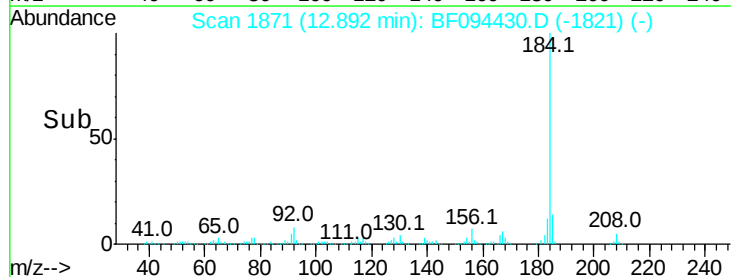
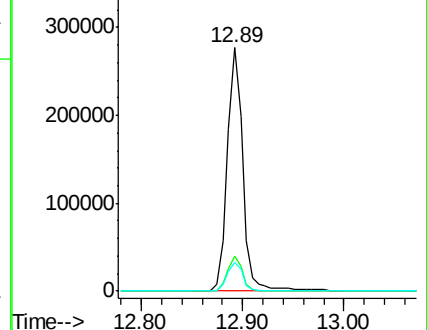
183 11.7 9.8 14.6

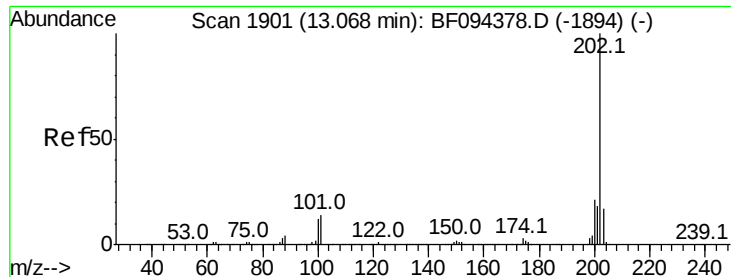


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.42 ng

RT: 13.00 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampled :

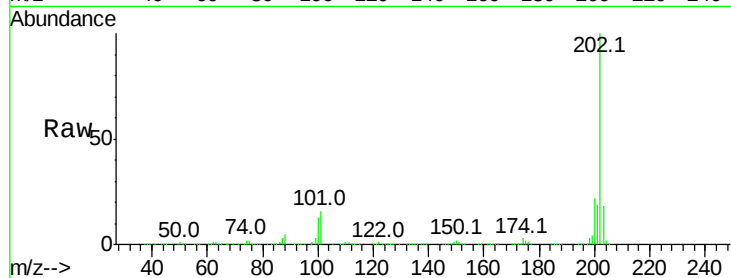
Tot Ion:202 Resp: 1222512

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

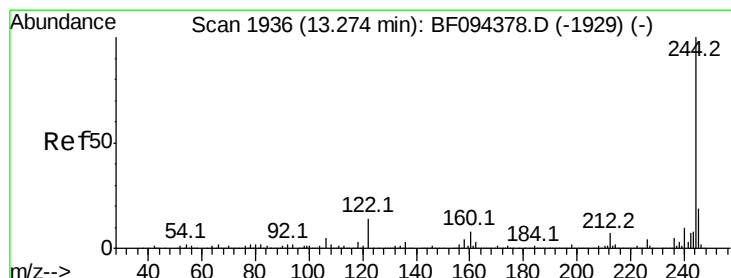
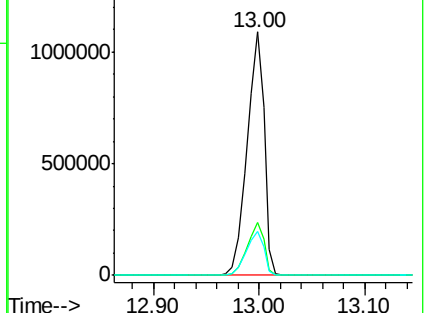
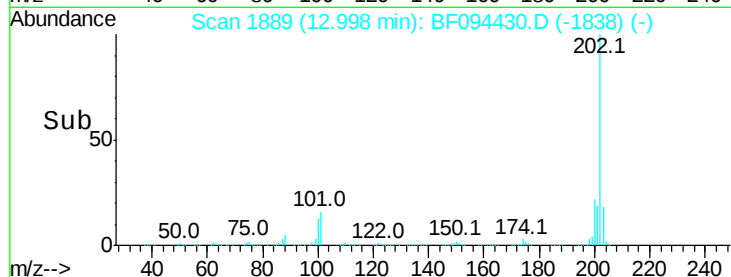
203 17.8 14.4 21.6



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: 75.10 ng

RT: 13.21 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

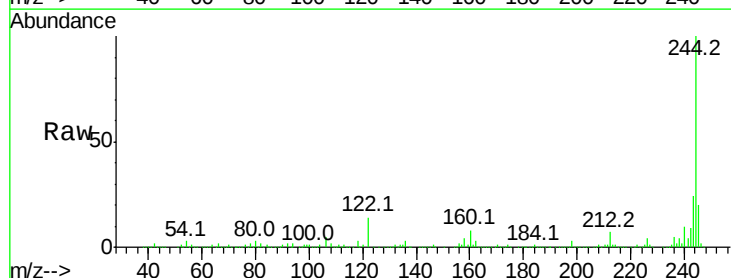
Tgt Ion:244 Resp: 1330411

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

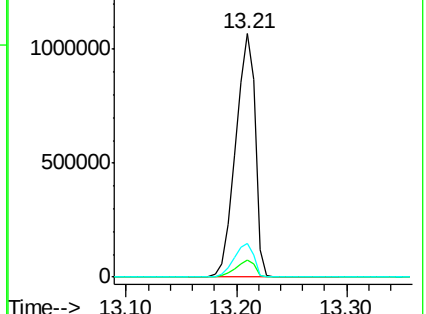
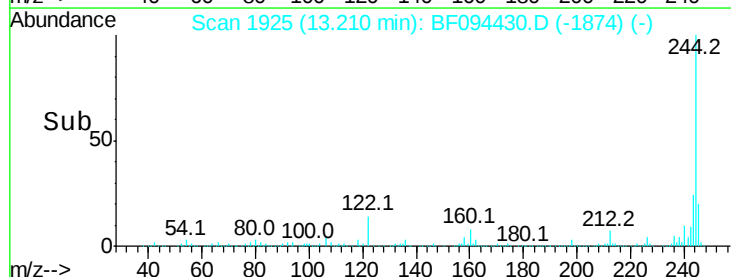
122 13.9 10.3 15.5

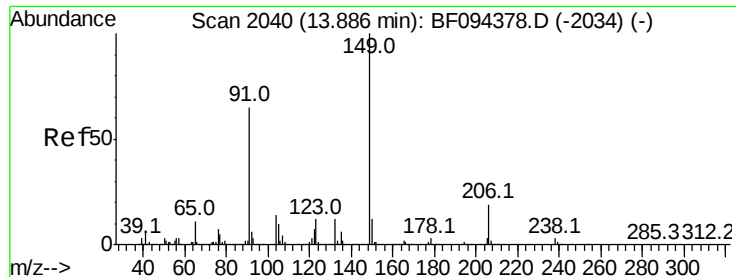


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.90 ng

RT: 13.82 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

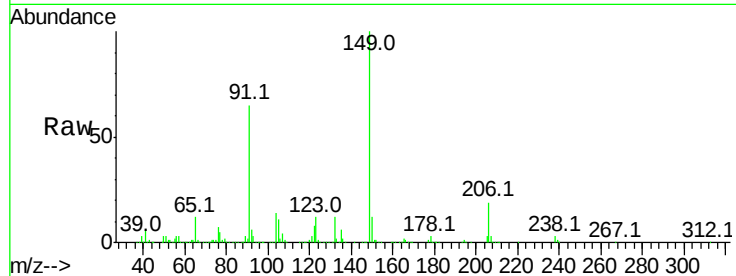
Tot Ion:149 Resp: 575870

Ion Ratio Lower Upper

149 100

91 65.1 45.0 67.4

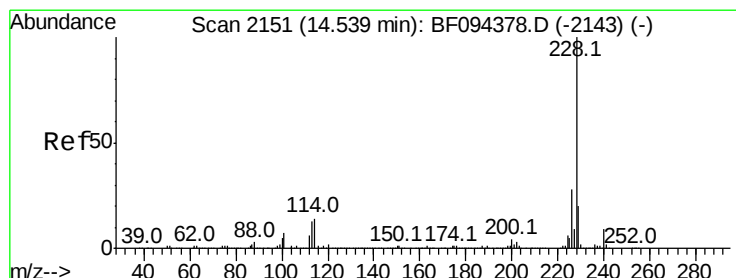
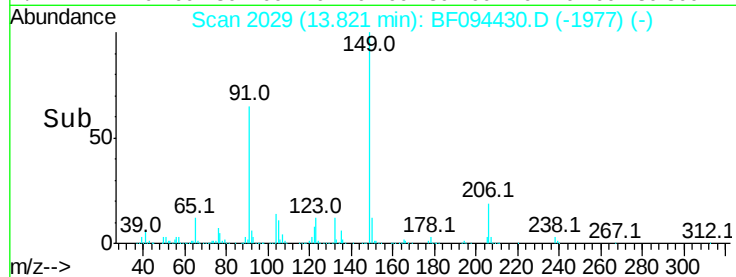
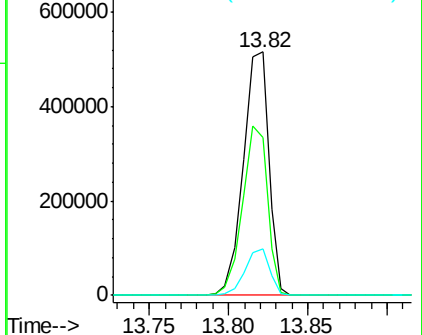
206 19.1 17.0 25.6



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: 42.39 ng

RT: 14.47 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

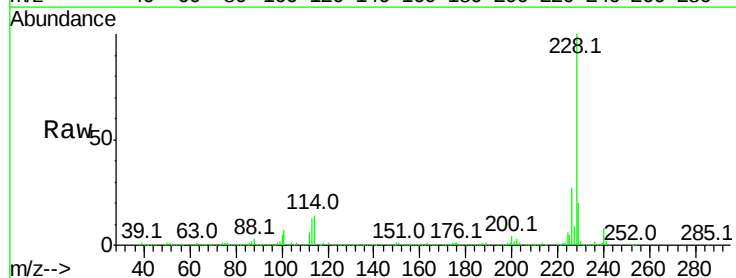
Tgt Ion:228 Resp: 981576

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

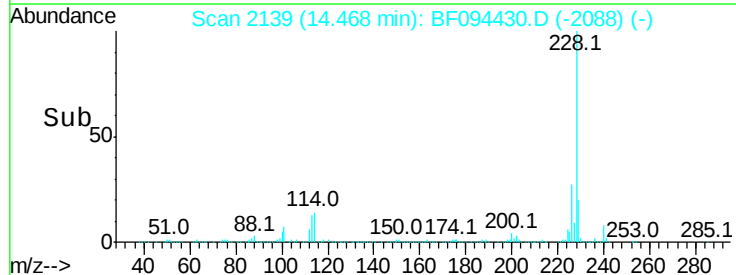
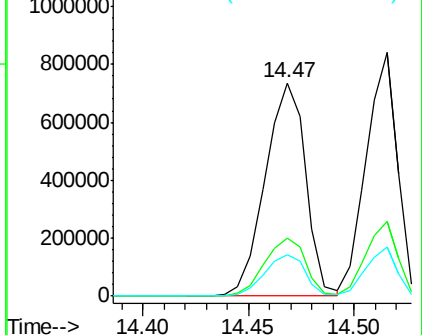
229 19.6 16.3 24.5

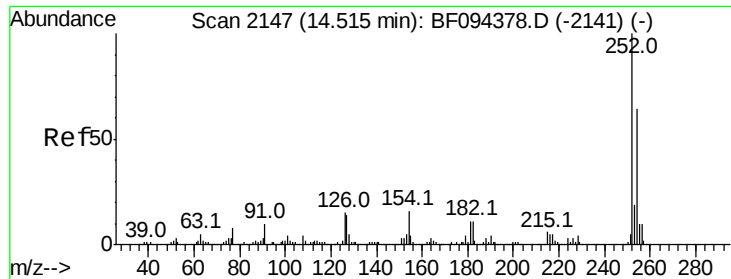


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

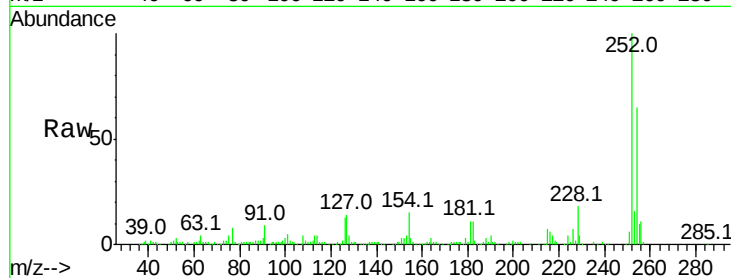




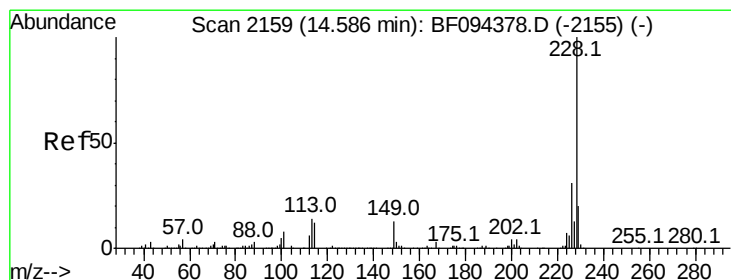
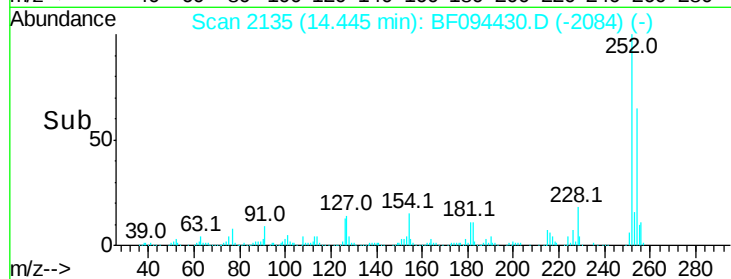
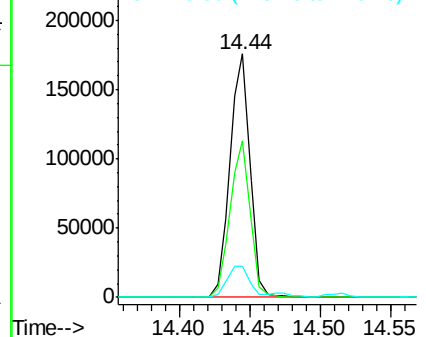
#81
 3,3'-Dichlorobenzidine
 Concen: 21.06 ng
 RT: 14.44 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	13.0	15.8	23.8#

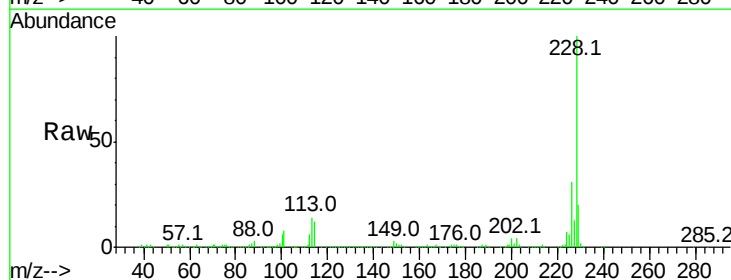


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

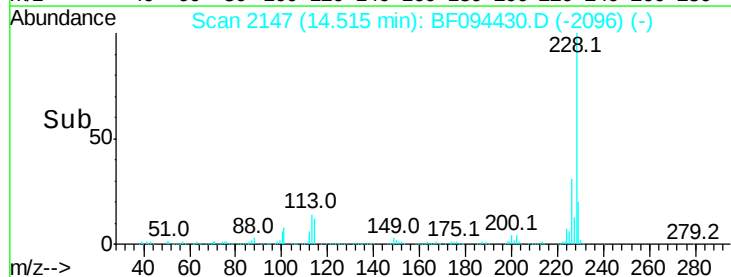
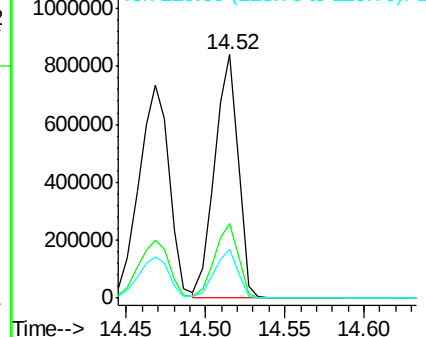


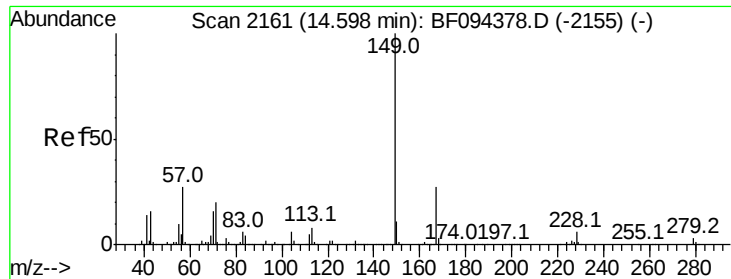
#82
 Chrysene
 Concen: 40.48 ng
 RT: 14.52 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.0	15.8	23.6



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

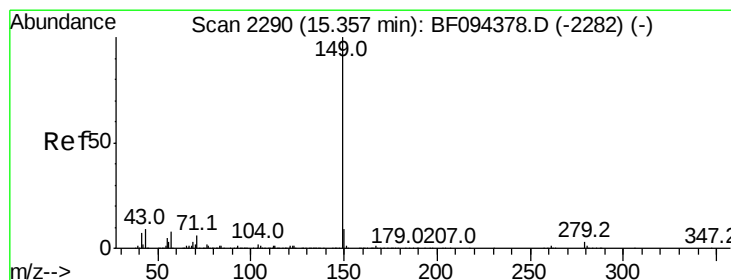
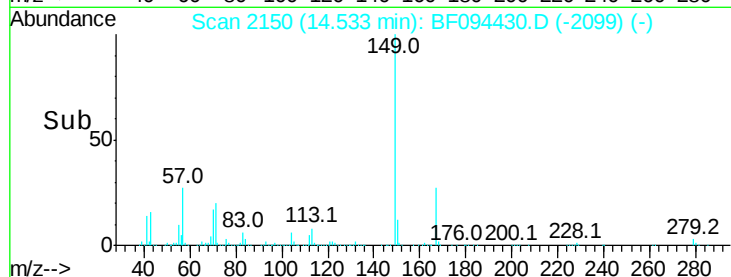
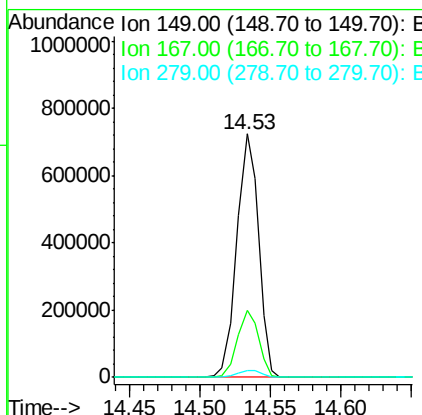
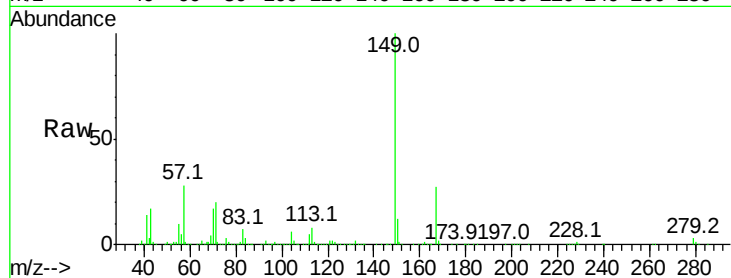




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.34 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

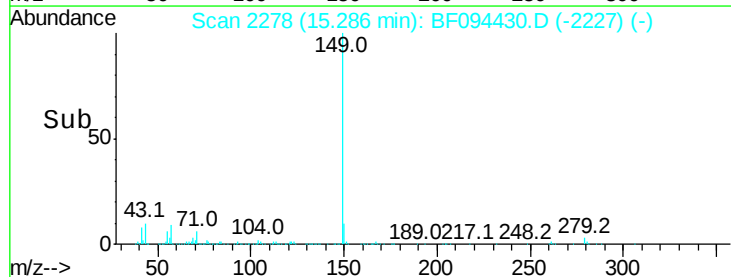
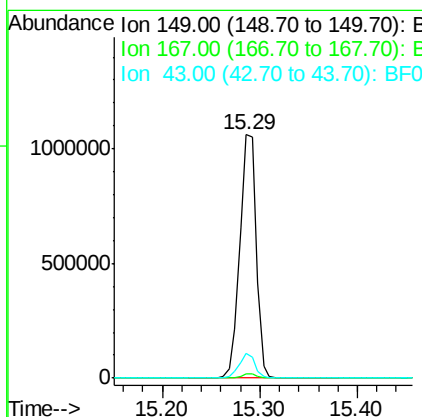
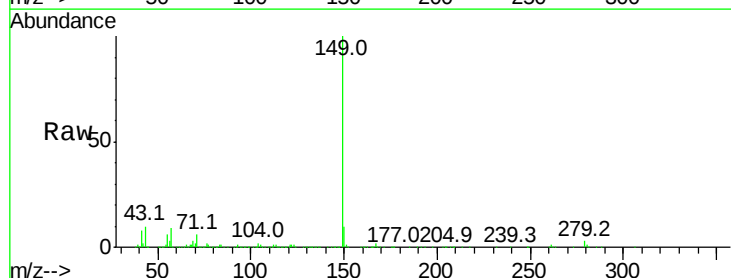
Instrument :
 BNA_F
 ClientSampleId :

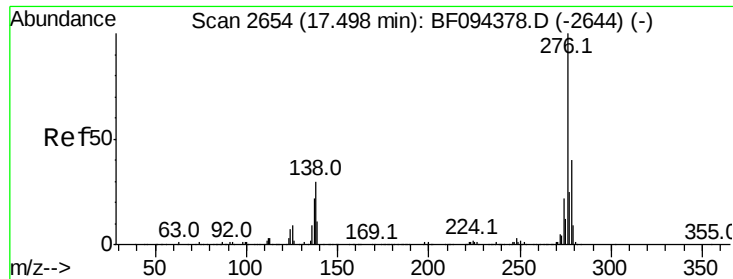
Tot Ion:149 Resp: 776285
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 44.36 ng
 RT: 15.29 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion:149 Resp: 1241419
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.5 8.5 12.7

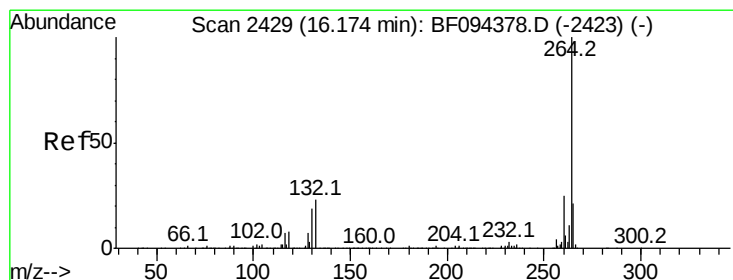
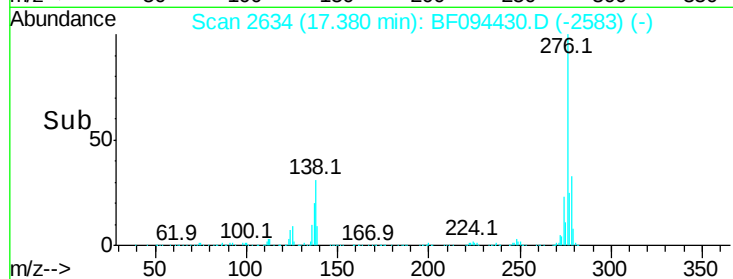
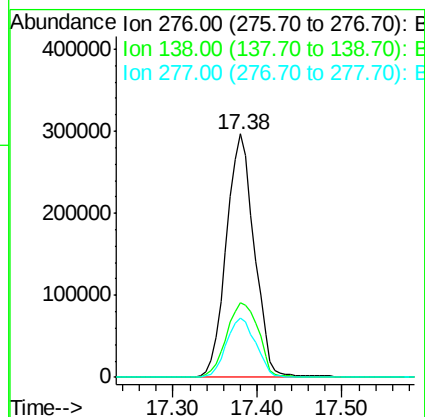
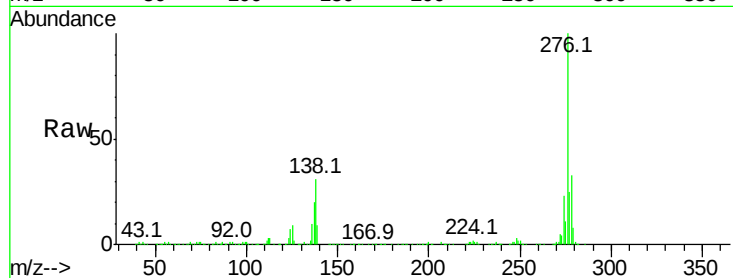




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.52 ng
 RT: 17.38 min Scan# 2634
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

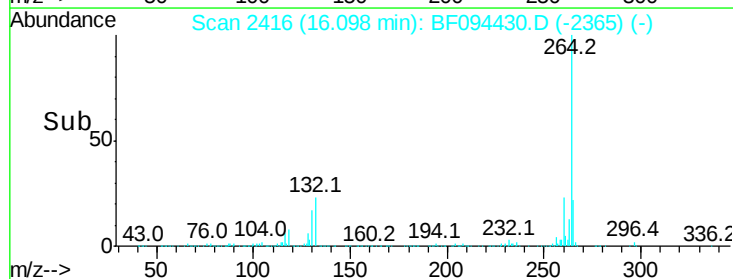
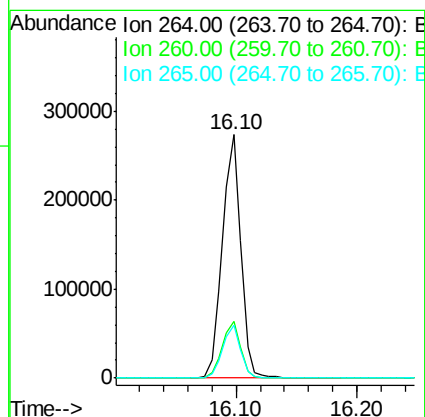
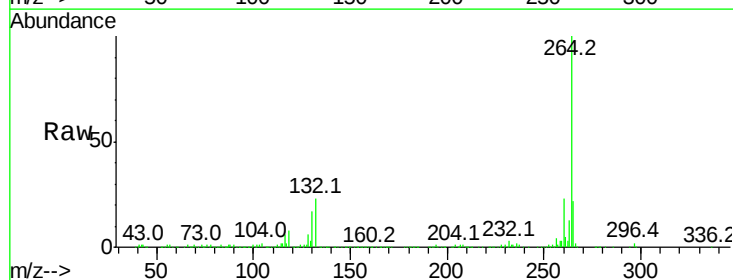
Instrument :
 BNA_F
 ClientSampleId :

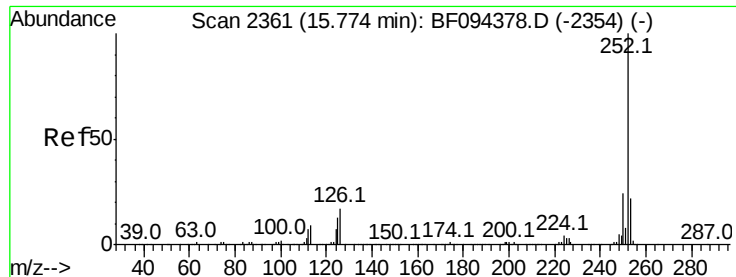
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BF094430.D
 Acq: 14 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.8	17.2	25.8

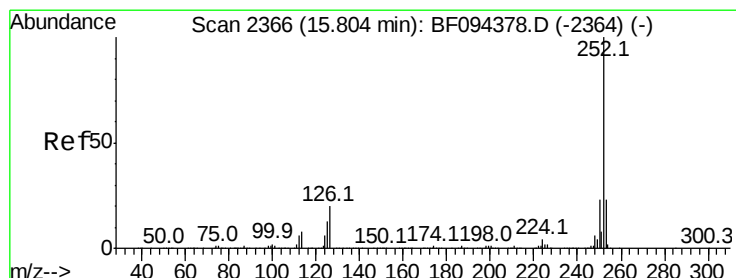
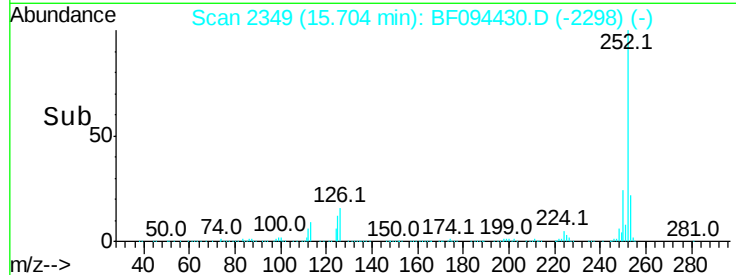
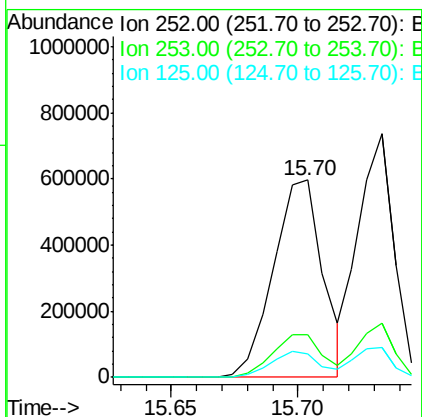
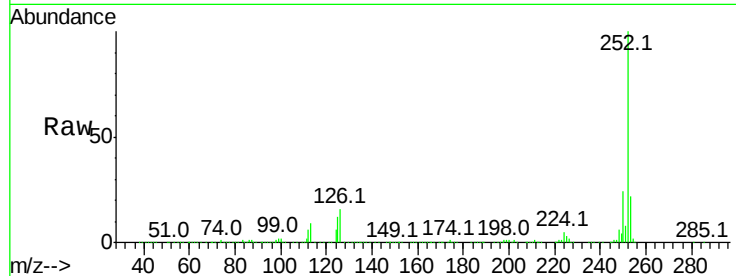




#87
Benzo(b)fluoranthene
Concen: 45.86 ng
RT: 15.70 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

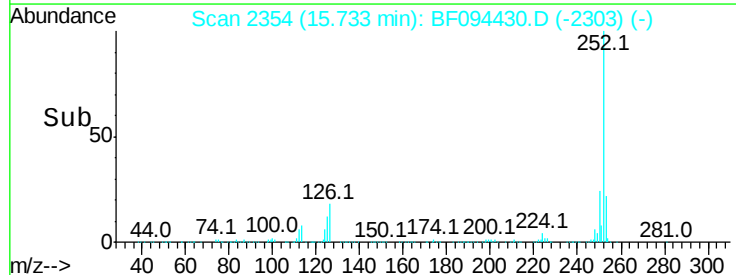
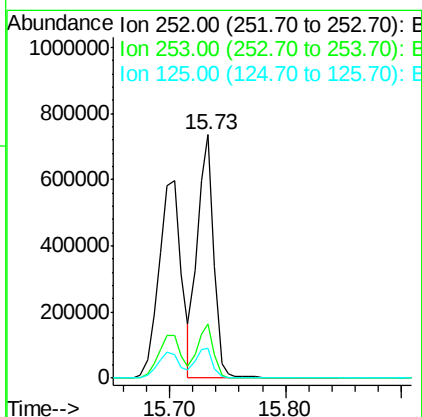
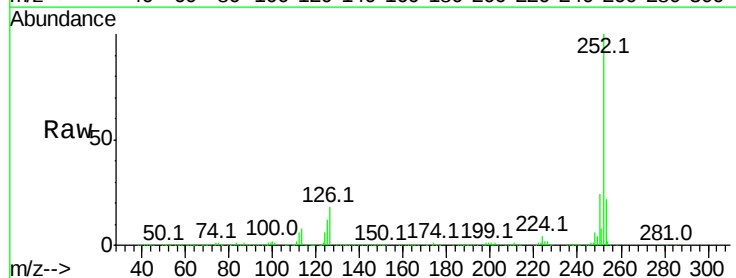
Instrument :
BNA_F
ClientSampleId :

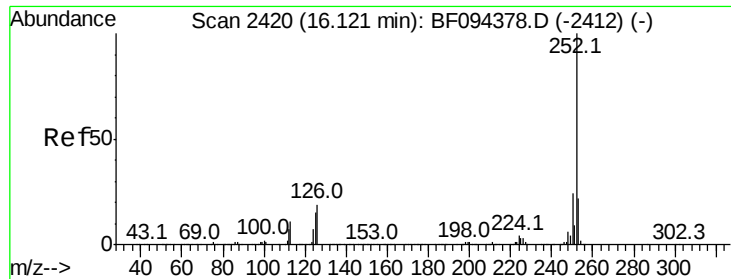
Tot Ion:252 Resp: 809601
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 12.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 42.60 ng
RT: 15.73 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BF094430.D
Acq: 14 Apr 2017 16:07

Tgt Ion:252 Resp: 735781
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 12.5 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 42.93 ng

RT: 16.04 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

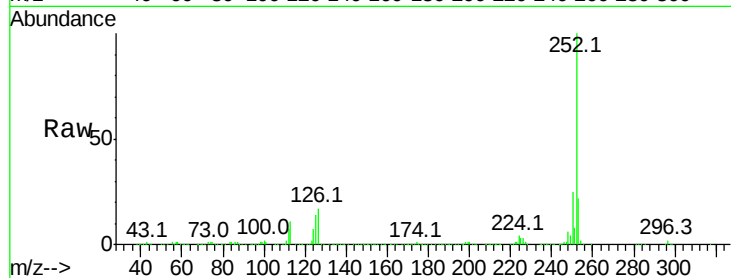
Tot Ion:252 Resp: 697834

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

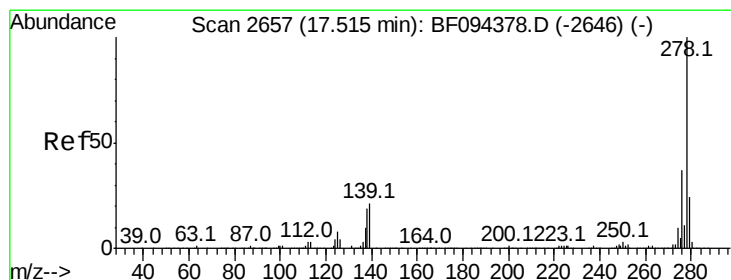
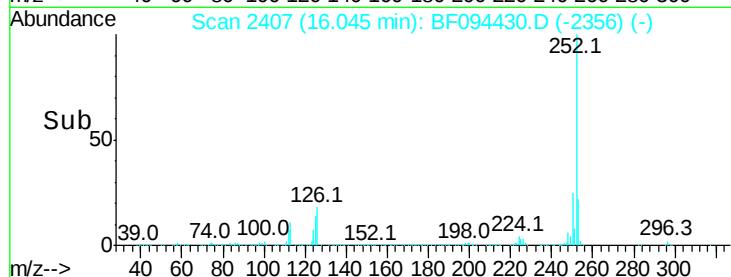
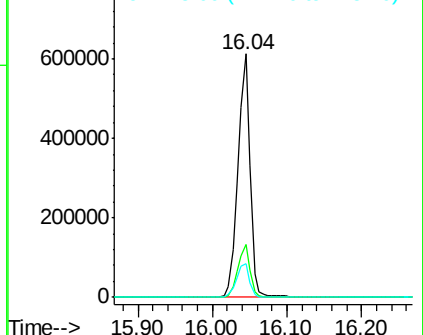
125 13.8 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.35 ng

RT: 17.40 min Scan# 2637

Delta R.T. -0.01 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

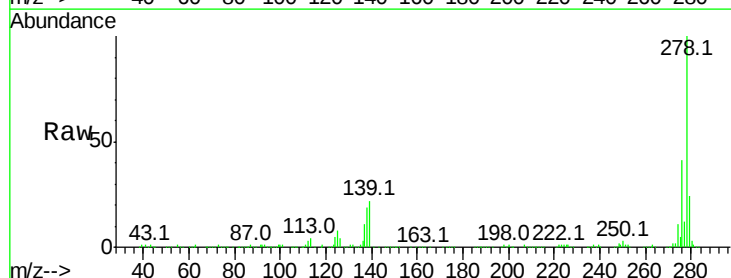
Tgt Ion:278 Resp: 569203

Ion Ratio Lower Upper

278 100

139 22.2 16.6 24.8

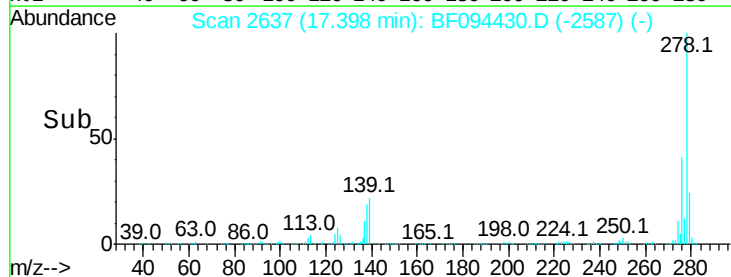
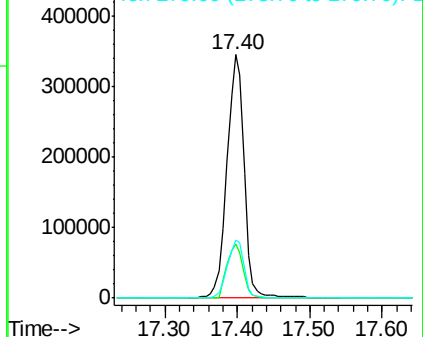
279 24.0 19.3 28.9

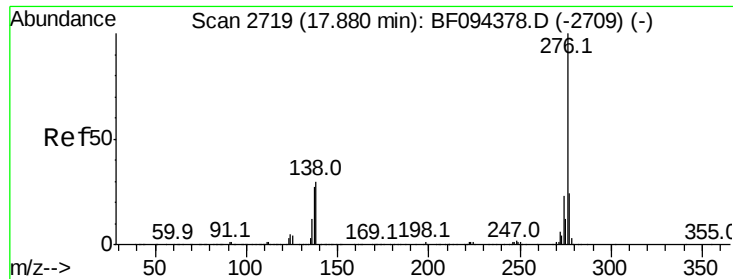


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.88 ng

RT: 17.76 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BF094430.D

Acq: 14 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

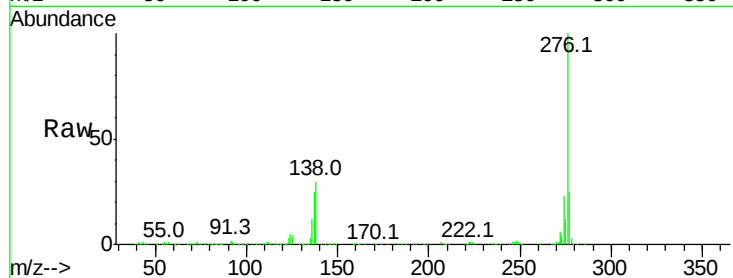
Tot Ion: 276 Resp: 581072

Ion Ratio Lower Upper

276 100

277 24.8 18.6 28.0

138 29.5 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

