

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094431.D
 Acq On : 14 Apr 2017 16:34
 Operator : SJ/MA
 Sample : PB98252BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 23:34:29 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	132994	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	536491	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	255650	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	459161	20.00	ng	0.00
75) Chrysene-d12	14.48	240	362348	20.00	ng	0.00
86) Perylene-d12	16.10	264	259393	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.33	112	680519	86.43	ng	0.01
7) Phenol-d6	5.40	99	831268	85.34	ng	0.00
23) Nitrobenzene-d5	6.43	82	758117	80.64	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	182424	90.30	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1444301	86.17	ng	0.00
78) Terphenyl-d14	13.21	244	1291803	79.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.13	88	116665	30.84	ng	98
3) Pyridine	2.62	79	356556	34.58	ng	99
4) n-Nitrosodimethylamine	2.59	42	158968	37.47	ng	91
6) Aniline	5.40	93	244099	18.01	ng	# 85
8) 2-Chlorophenol	5.55	128	375199	43.35	ng	94
9) Benzaldehyde	5.26	77	90044	13.69	ng	97
10) Phenol	5.42	94	445550	40.19	ng	93
11) bis(2-Chloroethyl)ether	5.48	93	335687	38.75	ng	98
12) 1,3-Dichlorobenzene	5.70	146	385047	39.66	ng	99
13) 1,4-Dichlorobenzene	5.79	146	390073	39.67	ng	97
14) 1,2-Dichlorobenzene	5.97	146	361622	39.94	ng	97
15) Benzyl Alcohol	5.95	79	285738	40.08	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	441934	33.11	ng	# 17
17) 2-Methylphenol	6.10	107	296955	40.06	ng	# 91
18) Hexachloroethane	6.36	117	135103	39.09	ng	# 86
19) n-Nitroso-di-n-propylamine	6.26	70	260116	41.55	ng	97
20) 3+4-Methylphenols	6.29	107	425124	47.36	ng	# 63
22) Acetophenone	6.25	105	512353	42.85	ng	# 86
24) Nitrobenzene	6.45	77	365622	39.43	ng	96
25) Isophorone	6.73	82	666167	40.33	ng	95
26) 2-Nitrophenol	6.82	139	209187	47.31	ng	97
27) 2,4-Dimethylphenol	6.90	122	337709	44.33	ng	97
28) bis(2-Chloroethoxy)methane	7.00	93	435390	39.97	ng	99
29) 2,4-Dichlorophenol	7.13	162	319713	44.88	ng	100
30) 1,2,4-Trichlorobenzene	7.21	180	307745	41.95	ng	98
31) Naphthalene	7.30	128	1044234	40.48	ng	99
32) Benzoic acid	7.04	122	65367	12.89	ng	94
33) 4-Chloroaniline	7.37	127	151798	14.52	ng	94
34) Hexachlorobutadiene	7.46	225	153467	40.79	ng	97
35) Caprolactam	7.82	113	52227	22.99	ng	96
36) 4-Chloro-3-methylphenol	8.00	107	341379	45.86	ng	89
37) 2-Methylnaphthalene	8.15	142	737754	42.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.35	216	278875	39.88	ng	99
40) Hexachlorocyclopentadiene	8.34	237	248462	75.92	ng	98

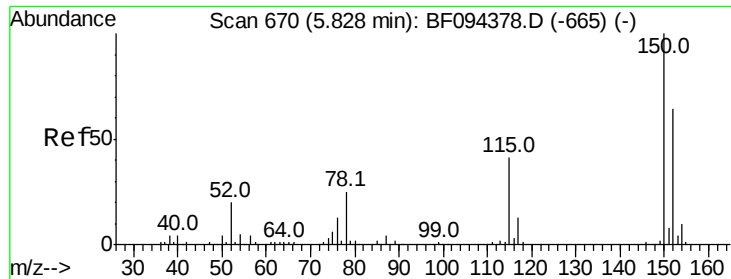
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094431.D
 Acq On : 14 Apr 2017 16:34
 Operator : SJ/MA
 Sample : PB98252BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 23:34:29 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	216094	43.67	nq	98
43) 2,4,5-Trichlorophenol	8.56	196	220736	41.23	nq	# 91
45) 1,1'-Biphenyl	8.72	154	838441	40.66	nq	98
46) 2-Chloronaphthalene	8.73	162	668584	41.42	nq	95
47) 2-Nitroaniline	8.87	65	206792	43.19	nq	86
48) Acenaphthylene	9.24	152	1055184	39.33	nq	99
49) Dimethylphthalate	9.11	163	815377	44.87	nq	99
50) 2,6-Dinitrotoluene	9.17	165	184787	44.36	nq	# 88
51) Acenaphthene	9.45	154	633855	40.49	nq	99
52) 3-Nitroaniline	9.37	138	110174	22.52	nq	89
53) 2,4-Dinitrophenol	9.51	184	73504	35.71	nq	# 72
54) Dibenzofuran	9.67	168	917021	43.04	nq	100
55) 4-Nitrophenol	9.65	139	278130	72.60	nq	# 80
56) 2,4-Dinitrotoluene	9.67	165	223904	42.79	nq	# 93
57) Fluorene	10.09	166	721865	40.85	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	157402	42.85	nq	99
59) Diethylphthalate	9.97	149	775545	43.18	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	310273	41.22	nq	95
61) 4-Nitroaniline	10.13	138	193641	41.25	nq	95
62) Azobenzene	10.29	77	743721	43.77	nq	94
64) 4,6-Dinitro-2-methylphenol	10.17	198	83366	29.65	nq	# 66
65) n-Nitrosodiphenylamine	10.25	169	660710	41.61	nq	98
66) 4-Bromophenyl-phenylether	10.69	248	195326	43.25	nq	99
67) Hexachlorobenzene	10.76	284	193079	42.24	nq	# 84
68) Atrazine	10.92	200	196573	41.33	nq	98
69) Pentachlorophenol	11.02	266	127809	44.92	nq	98
70) Phenanthrene	11.26	178	1068386	41.83	nq	98
71) Anthracene	11.33	178	1112343	42.30	nq	98
72) Carbazole	11.53	167	1033404	38.32	nq	98
73) Di-n-butylphthalate	11.98	149	1238287	44.15	nq	100
74) Fluoranthene	12.72	202	1104184	42.22	nq	98
76) Benzidine	12.89	184	290829	20.28	nq	# 93
77) Pyrene	13.00	202	1120687	42.62	nq	99
79) Butylbenzylphthalate	13.82	149	516196	46.07	nq	91
80) Benzo(a)anthracene	14.47	228	898088	42.50	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	200664	26.57	nq	# 95
82) Chrysene	14.52	228	801792	40.89	nq	99
83) Bis(2-ethylhexyl)phthalate	14.53	149	709973	46.44	nq	# 99
84) Di-n-octyl phthalate	15.29	149	1108313	43.40	nq	97
85) Indeno(1,2,3-cd)pyrene	17.38	276	626749	36.91	nq	100
87) Benzo(b)fluoranthene	15.70	252	728272	45.80	nq	98
88) Benzo(k)fluoranthene	15.70	252	728272	46.81	nq	97
89) Benzo(a)pyrene	16.04	252	631764	43.15	nq	99
90) Dibenzo(a,h)anthracene	17.40	278	520426	41.97	nq	99
91) Benzo(g,h,i)perylene	17.76	276	532375	42.60	nq	98

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

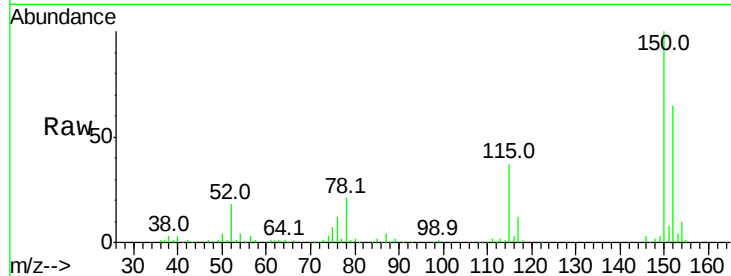


#1

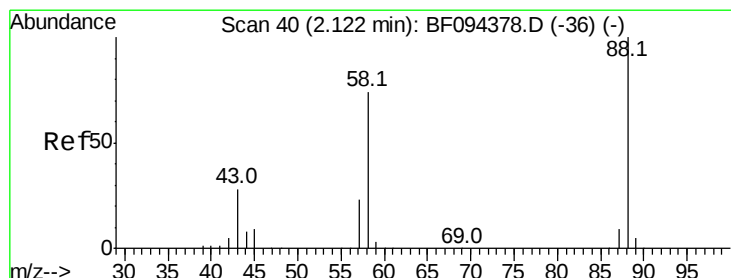
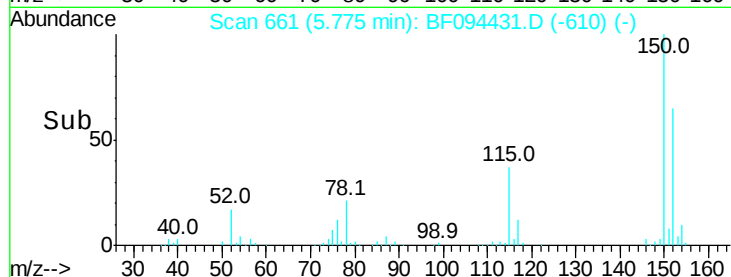
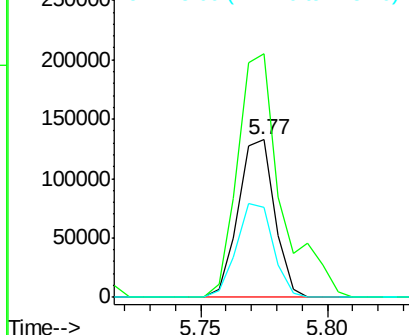
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 132994
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 57.1 52.2 78.2



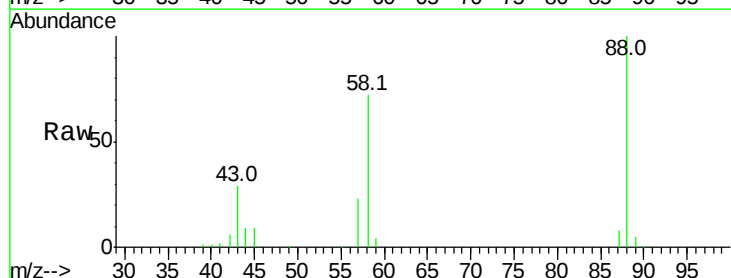
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



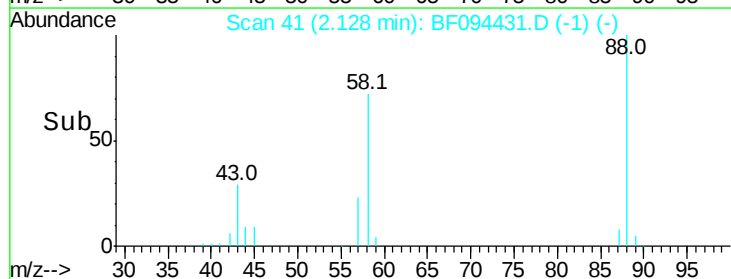
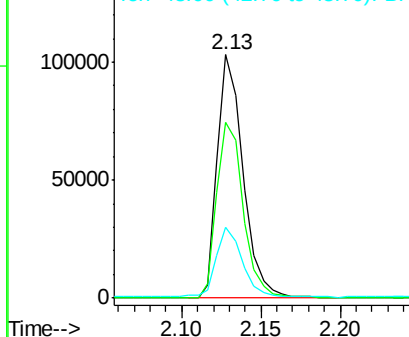
#2

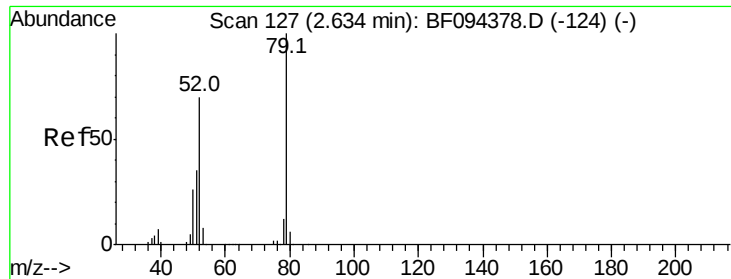
1,4-Dioxane
Concen: 30.84 ng
RT: 2.13 min Scan# 41
Delta R.T. 0.04 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion: 88 Resp: 116665
Ion Ratio Lower Upper
88 100
58 74.8 61.4 92.0
43 29.0 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: 34.58 ng

RT: 2.62 min Scan# 125

Delta R.T. 0.03 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

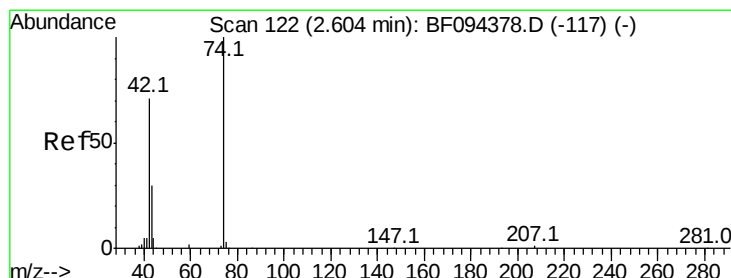
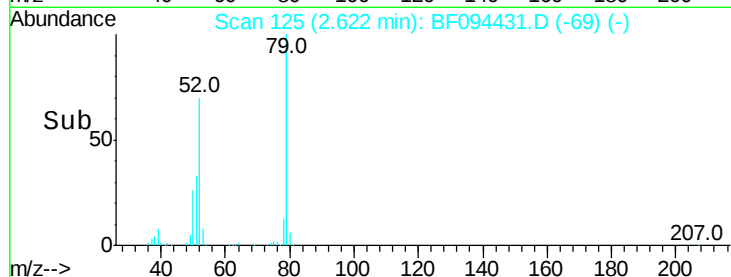
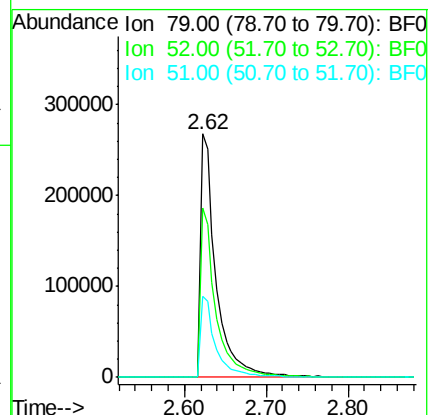
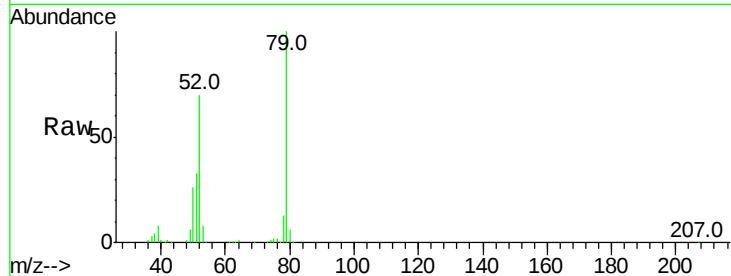
Tot Ion: 79 Resp: 356556

Ion Ratio Lower Upper

79 100

52 69.8 54.8 82.2

51 33.1 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 37.47 ng

RT: 2.59 min Scan# 120

Delta R.T. 0.03 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

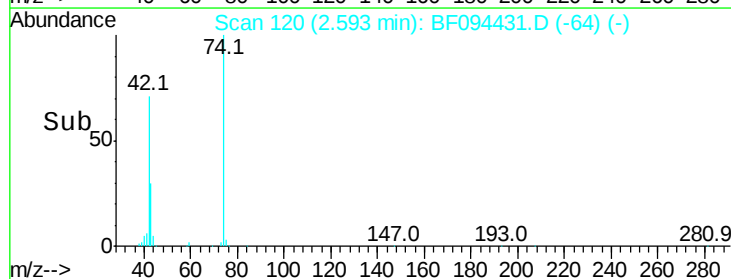
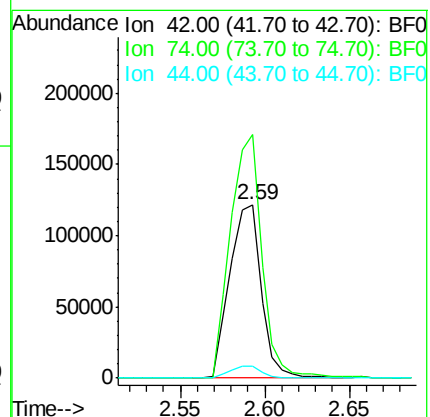
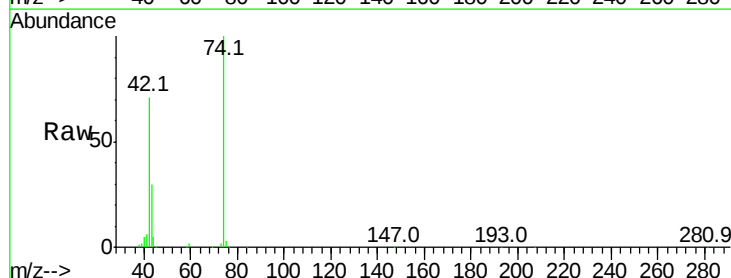
Tgt Ion: 42 Resp: 158968

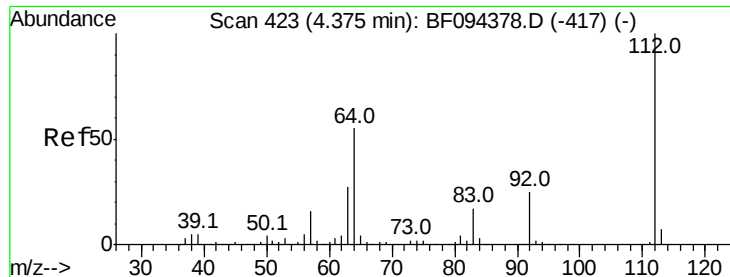
Ion Ratio Lower Upper

42 100

74 140.3 103.9 155.9

44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 86.43 ng

RT: 4.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampled :

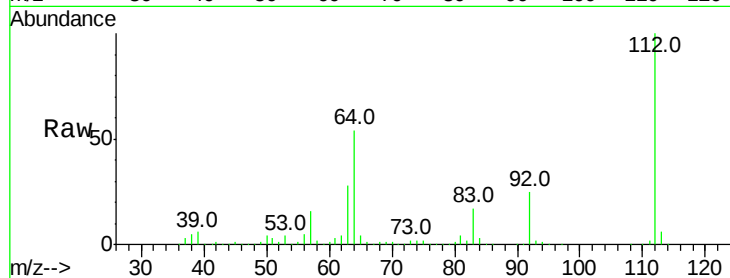
Tot Ion: 112 Resp: 680519

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

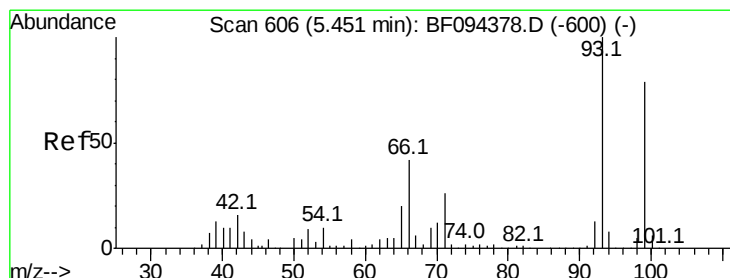
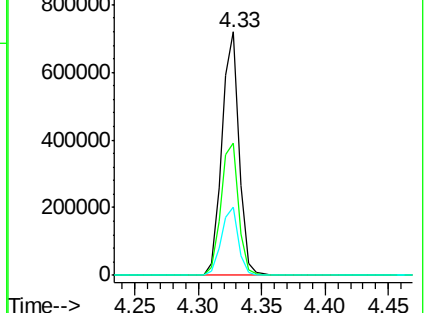
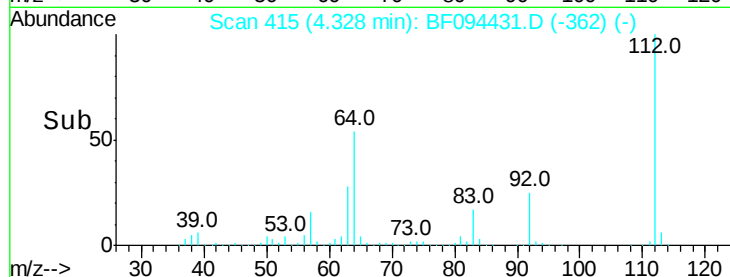
63 27.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.01 ng

RT: 5.40 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

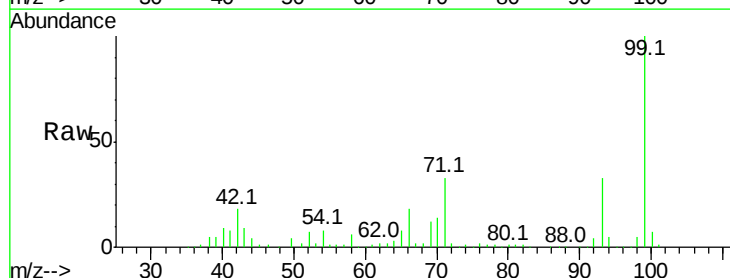
Tgt Ion: 93 Resp: 244099

Ion Ratio Lower Upper

93 100

66 52.8 32.9 49.3#

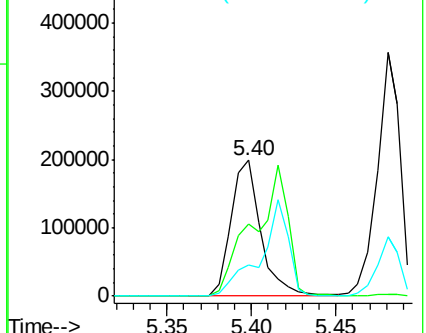
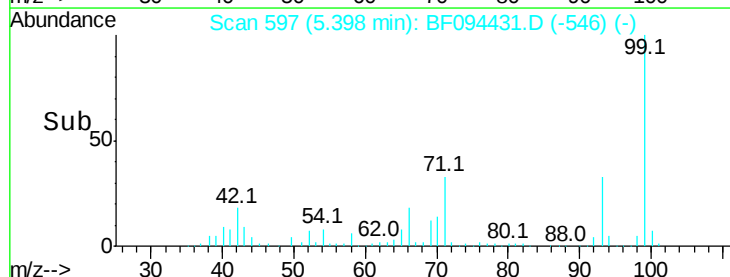
65 22.9 16.0 24.0

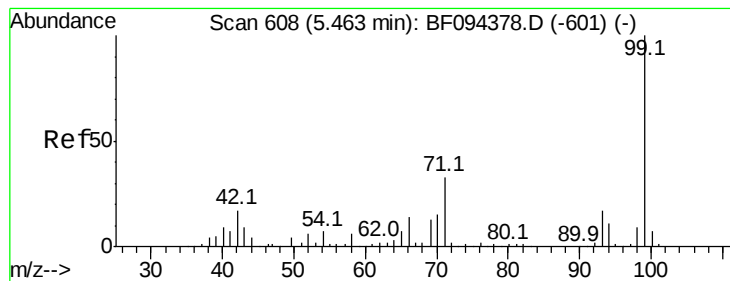


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.34 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

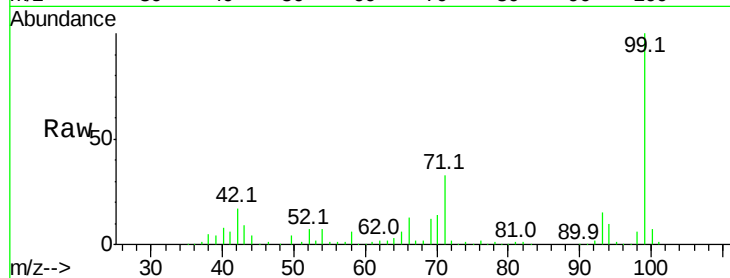
Tot Ion: 99 Resp: 831268

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

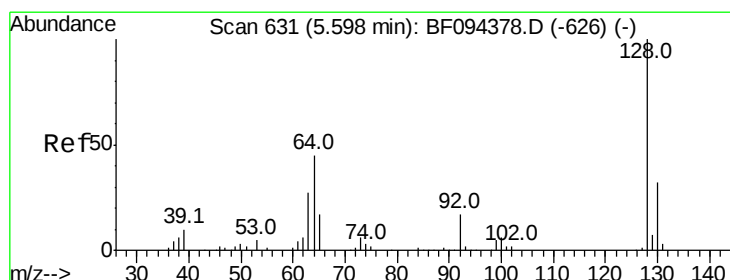
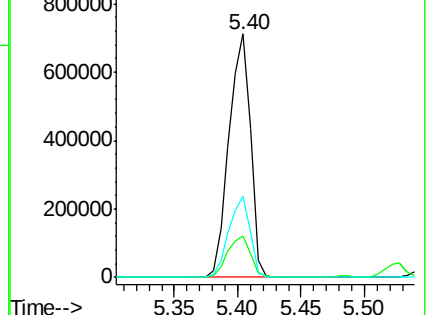
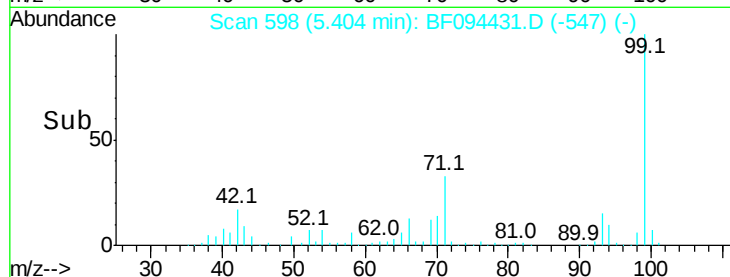
71 33.1 24.5 36.7



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: 43.35 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

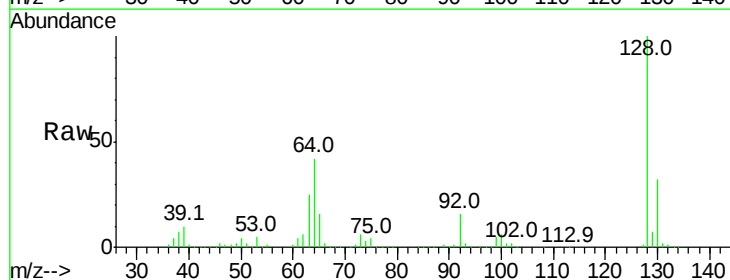
Tgt Ion: 128 Resp: 375199

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

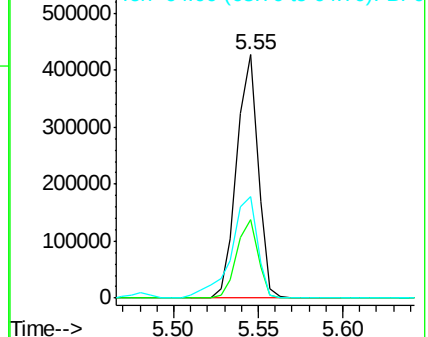
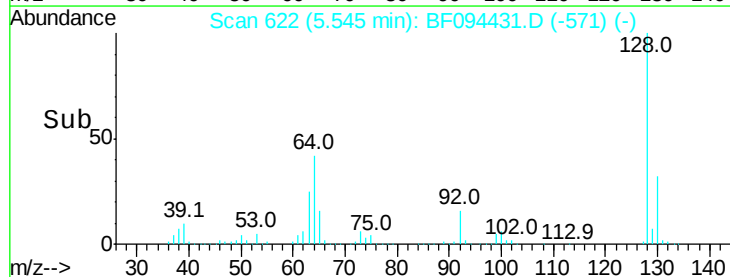
64 41.9 28.4 68.4

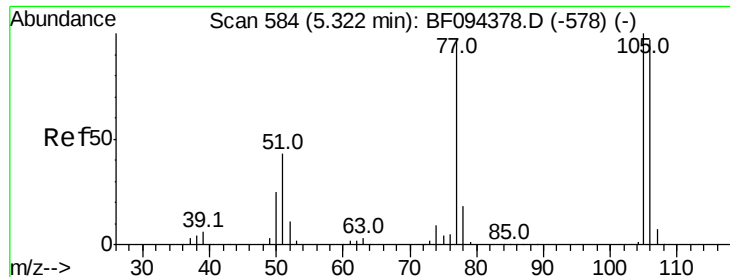


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

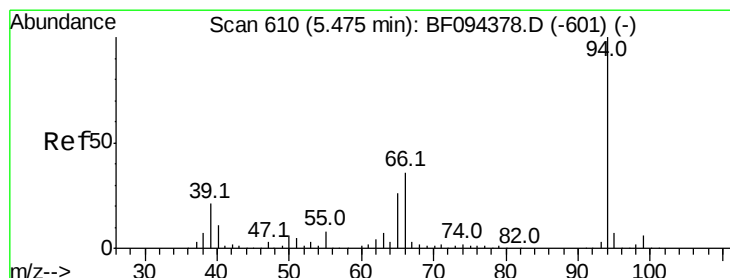
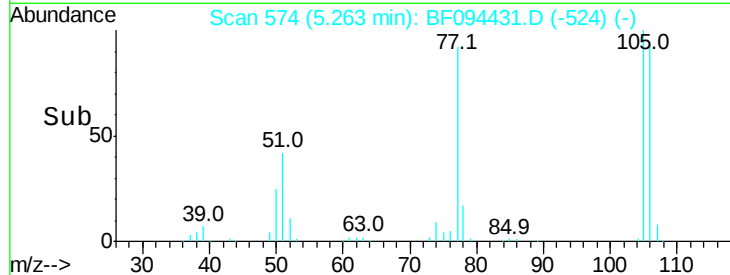
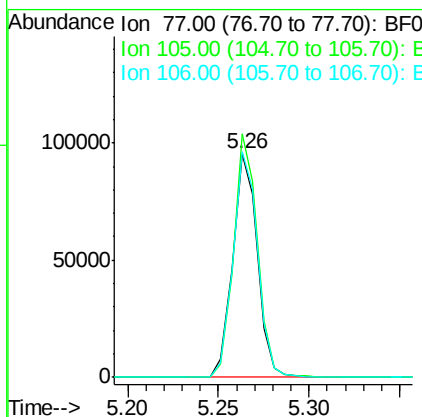
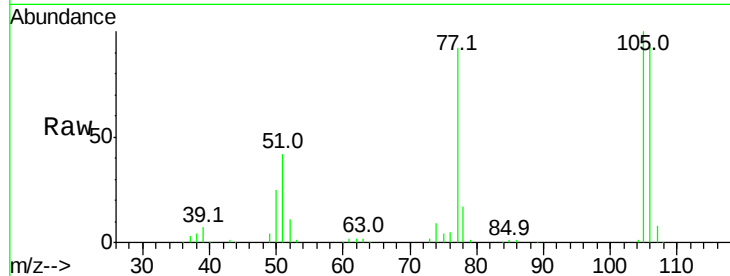




#9
Benzaldehyde
Concen: 13.69 ng
RT: 5.26 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

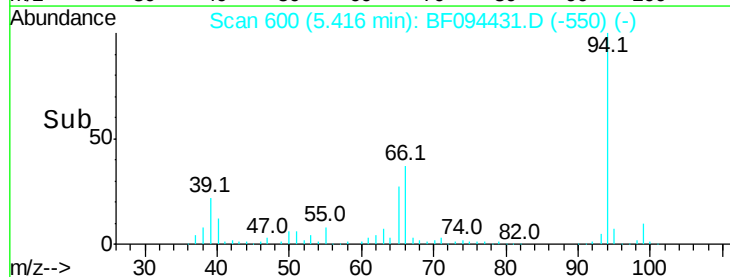
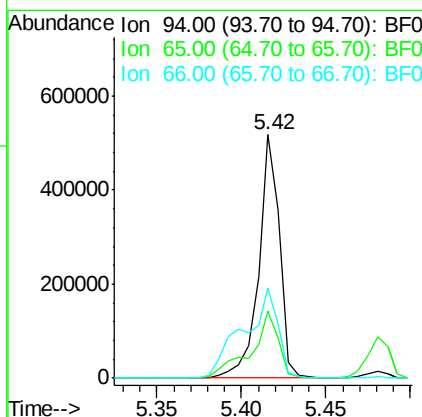
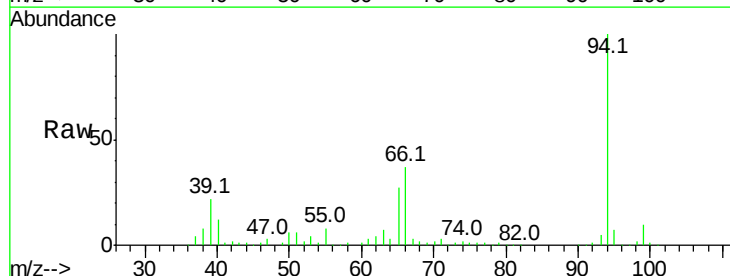
Instrument :
BNA_F
ClientSampled :

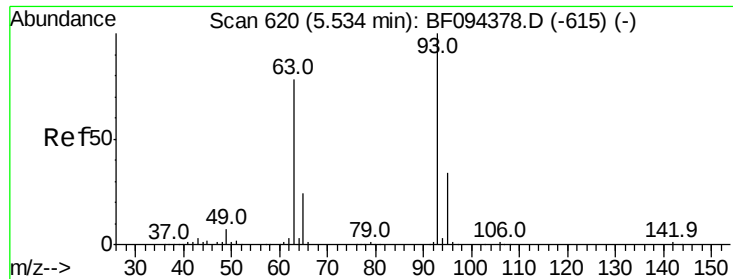
Tot Ion: 77 Resp: 90044
Ion Ratio Lower Upper
77 100
105 108.9 83.8 123.8
106 101.0 79.1 119.1



#10
Phenol
Concen: 40.19 ng
RT: 5.42 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion: 94 Resp: 445550
Ion Ratio Lower Upper
94 100
65 27.4 9.9 49.9
66 37.2 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.75 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

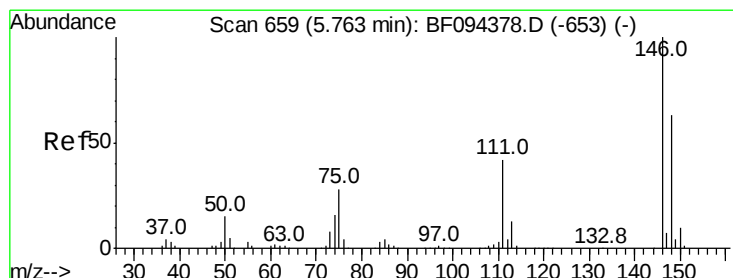
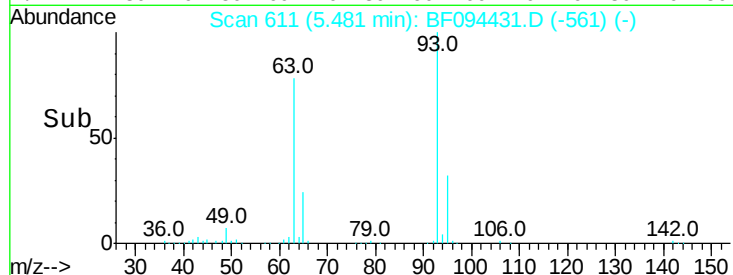
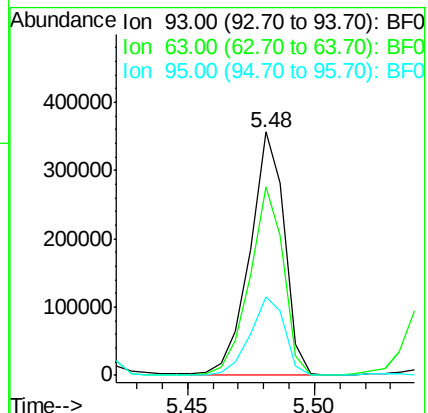
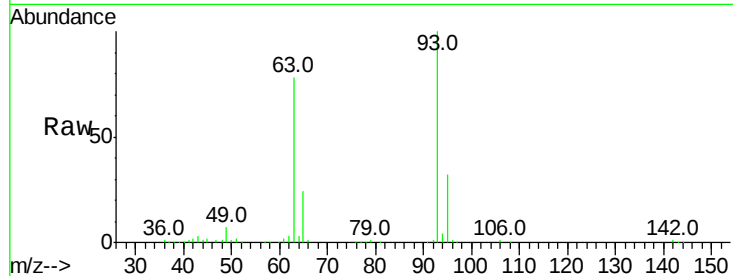
Tot Ion: 93 Resp: 335687

Ion Ratio Lower Upper

93 100

63 77.6 59.2 99.2

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.66 ng

RT: 5.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

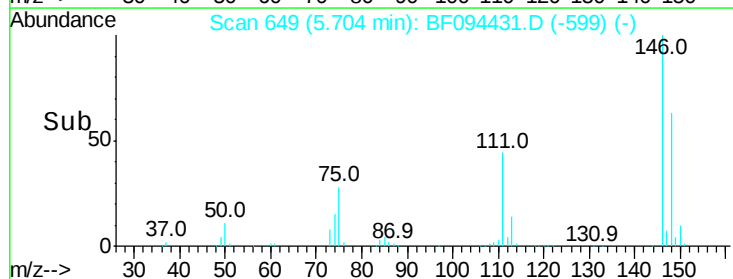
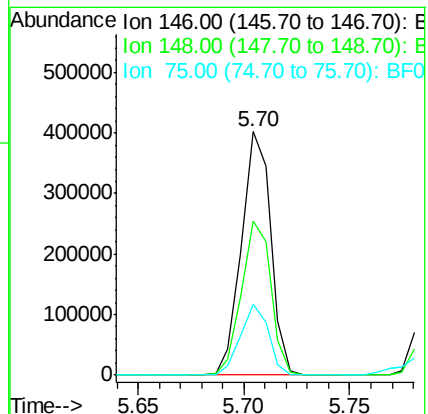
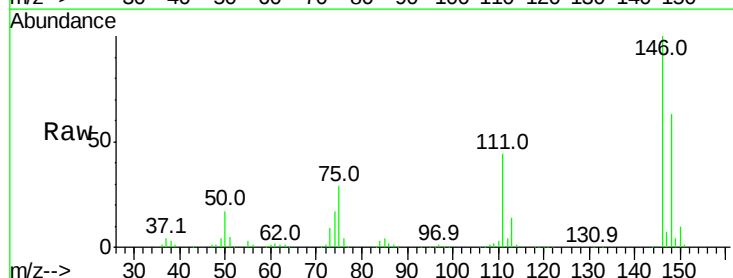
Tgt Ion: 146 Resp: 385047

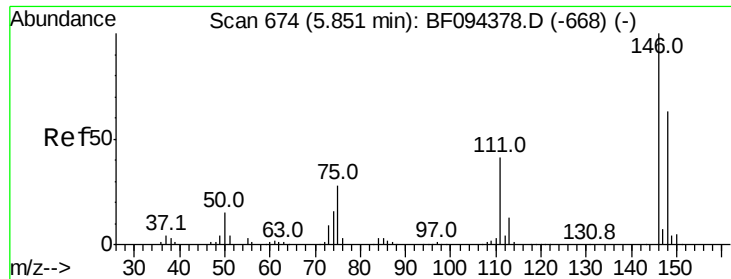
Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

75 29.1 23.1 34.7

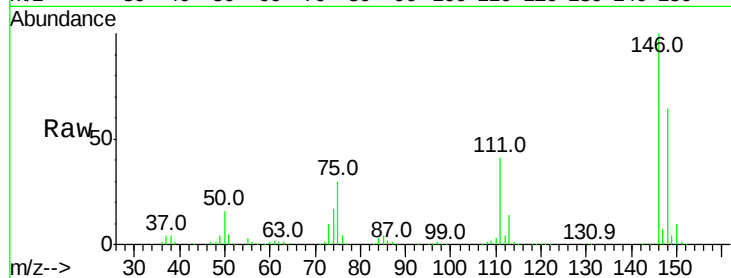




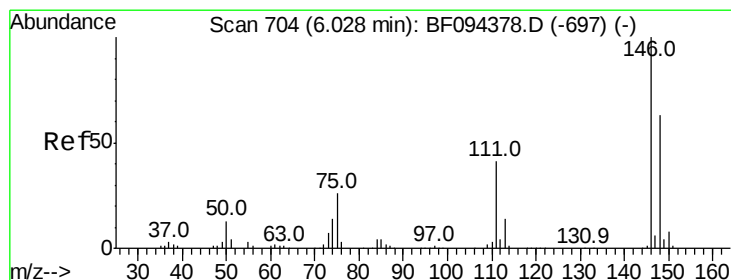
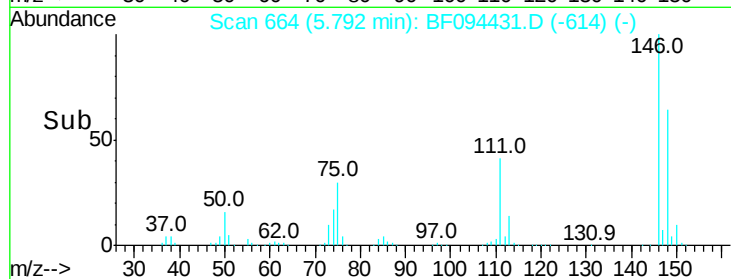
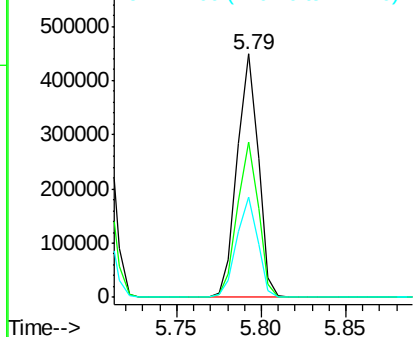
#13
 1,4-Dichlorobenzene
 Concen: 39.67 ng
 RT: 5.79 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 390073
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 41.1 30.3 45.5

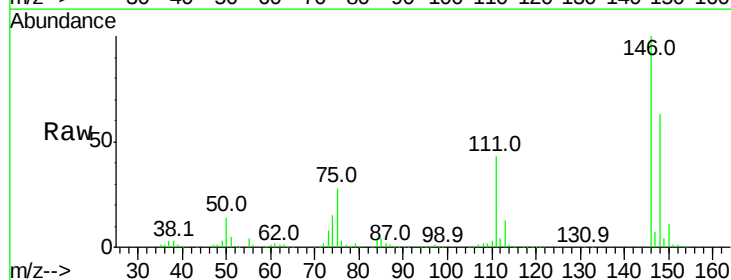


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

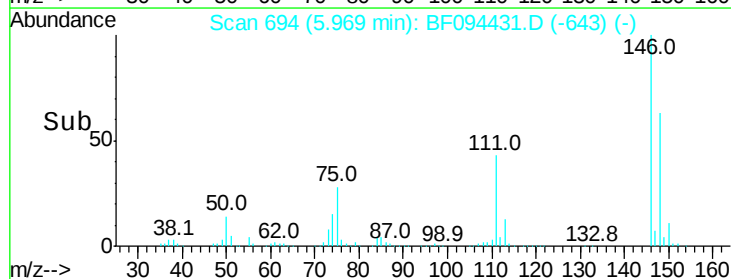
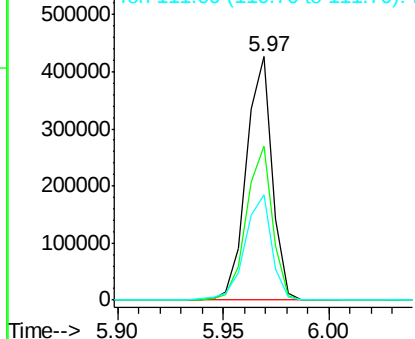


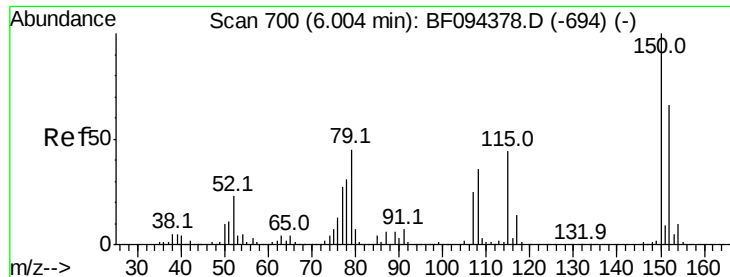
#14
 1,2-Dichlorobenzene
 Concen: 39.94 ng
 RT: 5.97 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:146 Resp: 361622
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 43.3 38.2 57.4



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

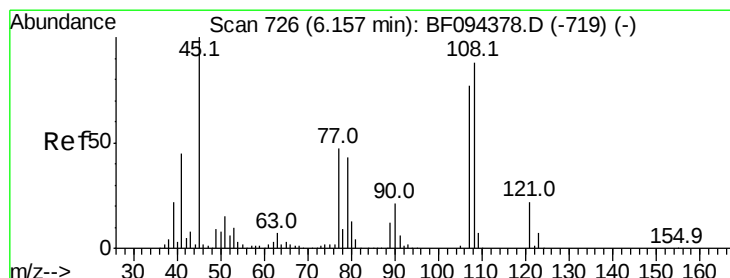
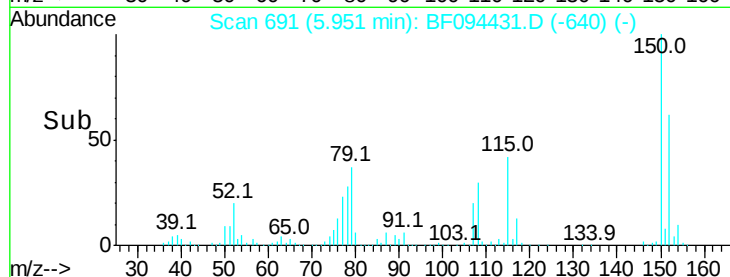
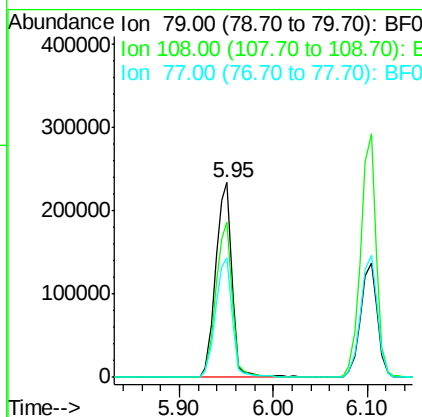
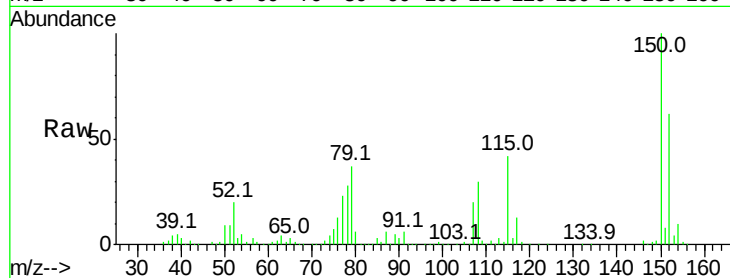




#15
Benzyl Alcohol
Concen: 40.08 ng
RT: 5.95 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

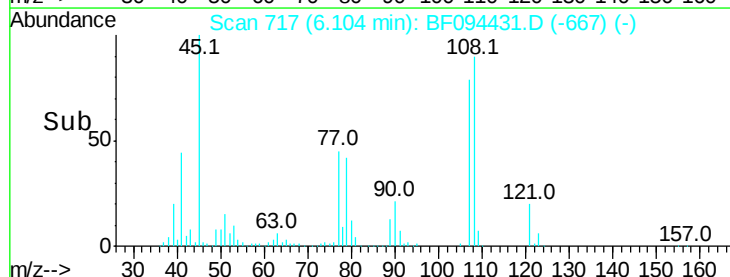
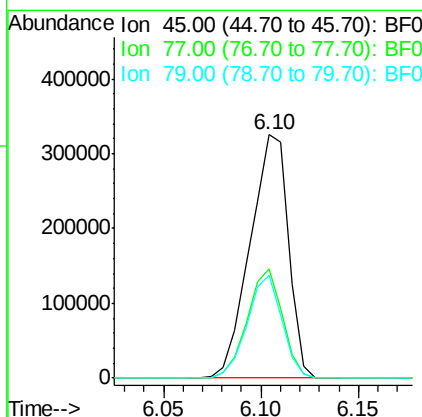
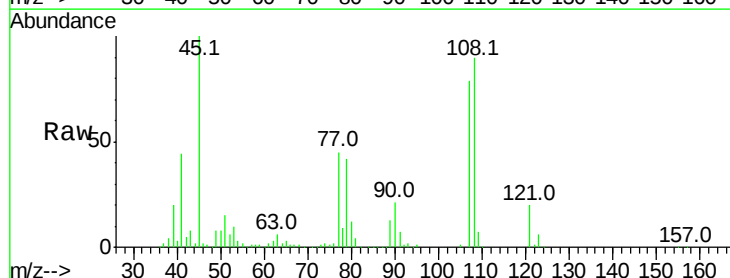
Instrument :
BNA_F
ClientSampleId :

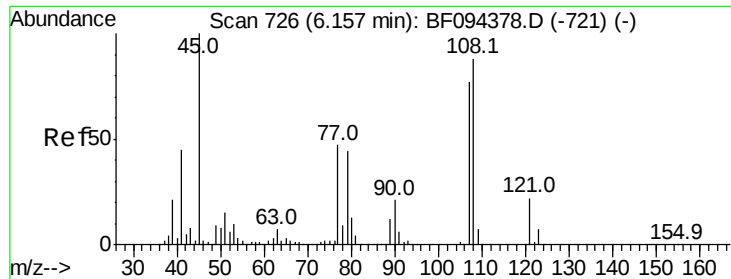
Tot Ion: 79 Resp: 285738
Ion Ratio Lower Upper
79 100
108 80.1 63.4 95.0
77 61.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.11 ng
RT: 6.10 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion: 45 Resp: 441934
Ion Ratio Lower Upper
45 100
77 45.0 0.0 33.2#
79 42.4 0.0 30.0#

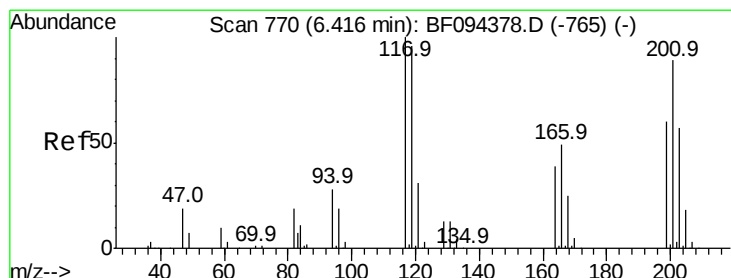
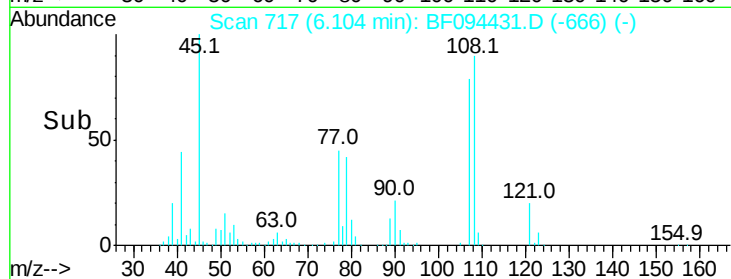
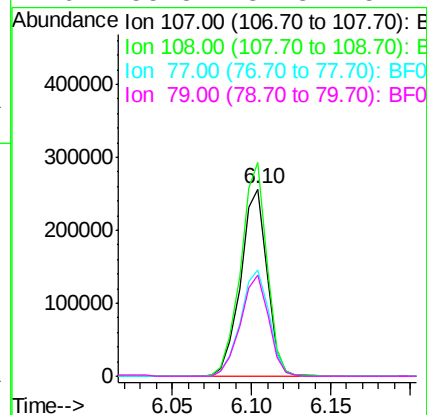
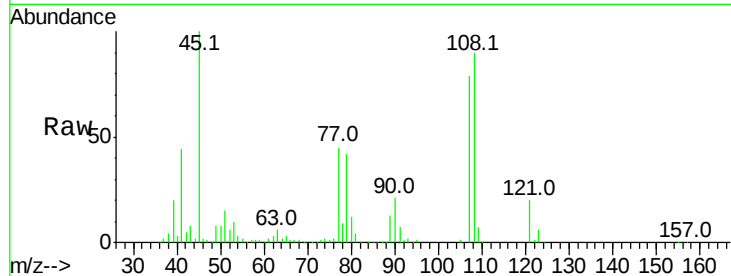




#17
2-Methylphenol
Concen: 40.06 ng
RT: 6.10 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

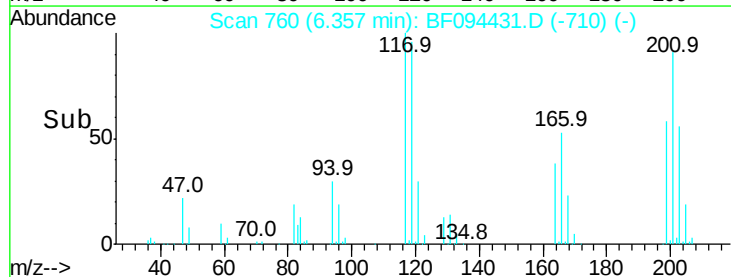
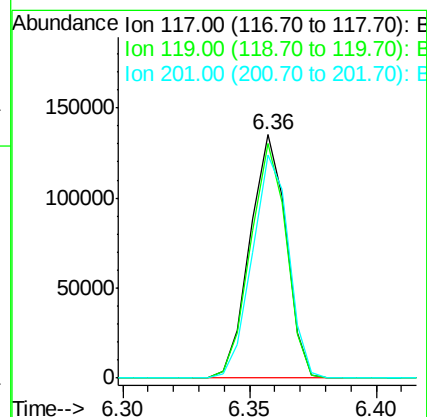
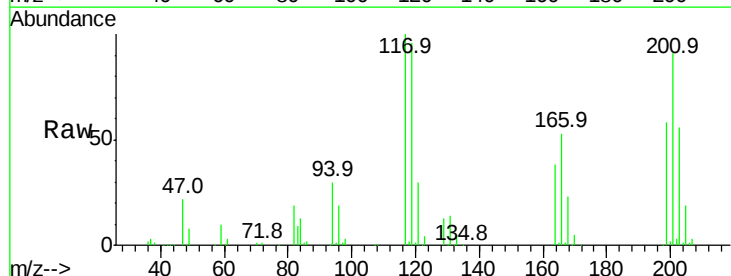
Instrument :
BNA_F
ClientSampleId :

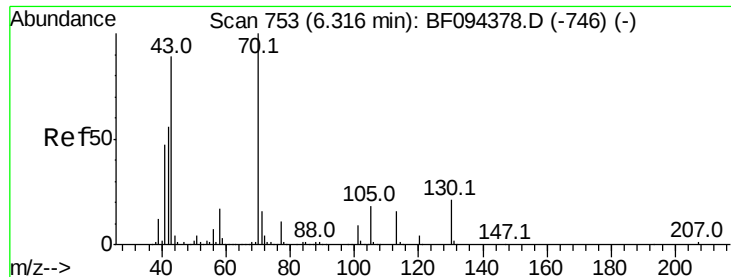
Tot Ion:107 Resp: 296955
Ion Ratio Lower Upper
107 100
108 114.2 93.4 140.0
77 57.2 35.8 53.6#
79 53.8 34.8 52.2#



#18
Hexachloroethane
Concen: 39.09 ng
RT: 6.36 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:117 Resp: 135103
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
201 91.4 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 41.55 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 260116

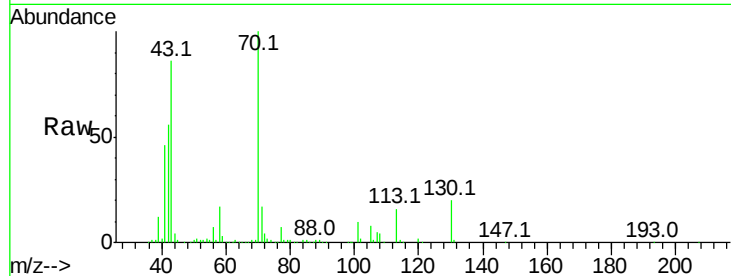
Ion Ratio Lower Upper

70 100

42 55.8 47.2 70.8

101 10.0 7.2 10.8

130 20.2 15.9 23.9

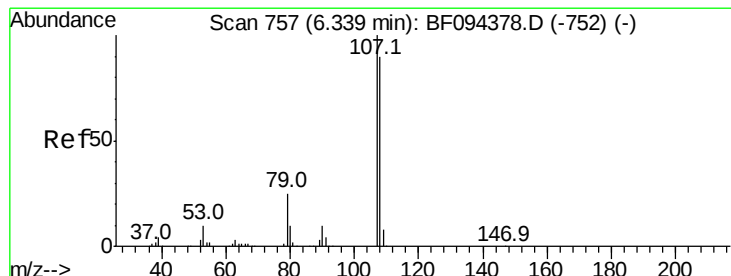
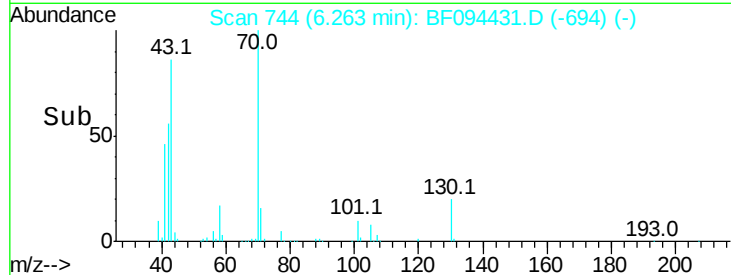
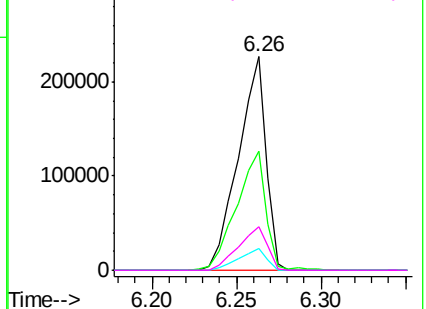


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 47.36 ng

RT: 6.29 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Tgt Ion: 107 Resp: 425124

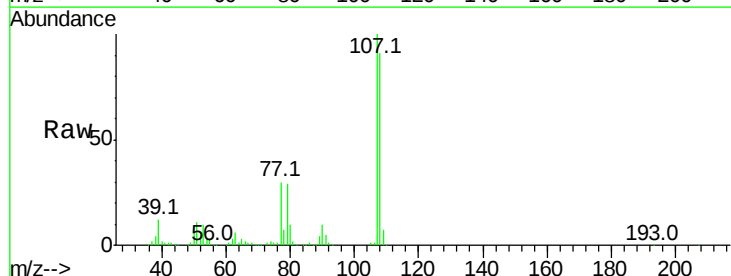
Ion Ratio Lower Upper

107 100

108 91.0 71.0 111.0

77 30.0 90.5 130.5#

79 28.7 8.4 48.4

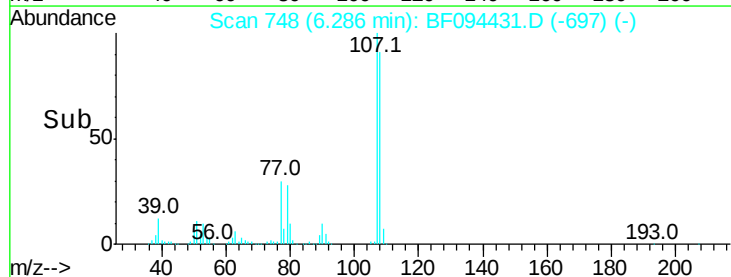
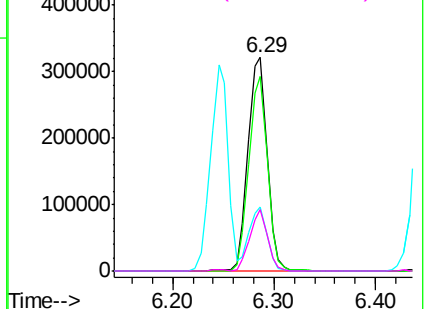


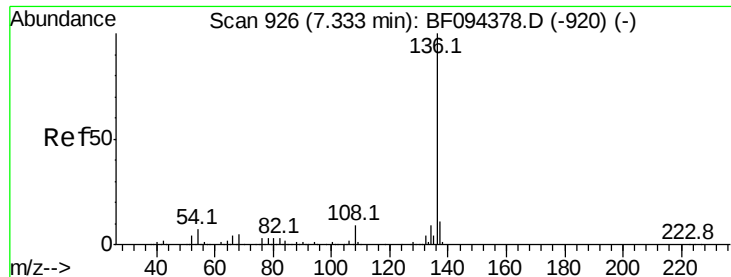
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

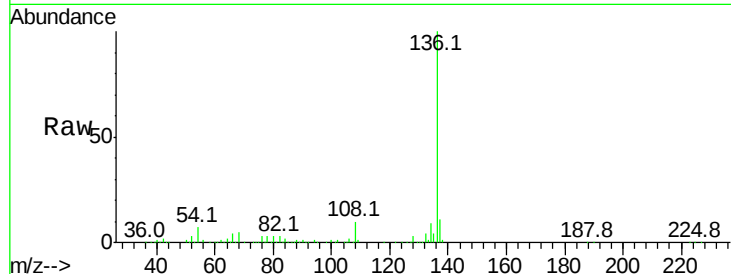




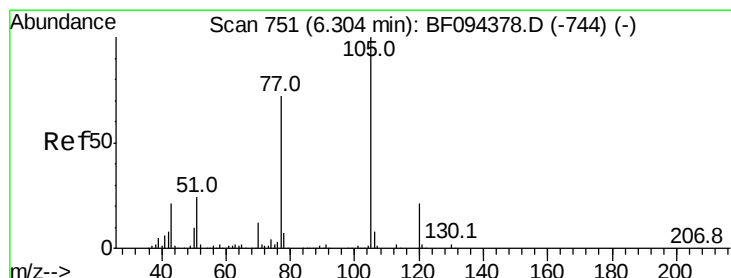
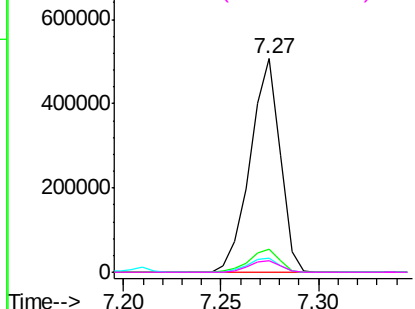
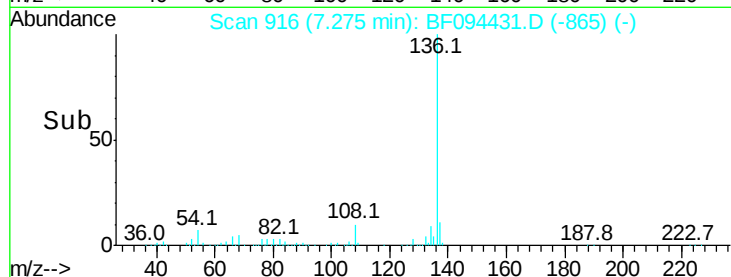
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	536491
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.5	12.7
54 6.6	4.9	7.3
68 5.5	4.1	6.1

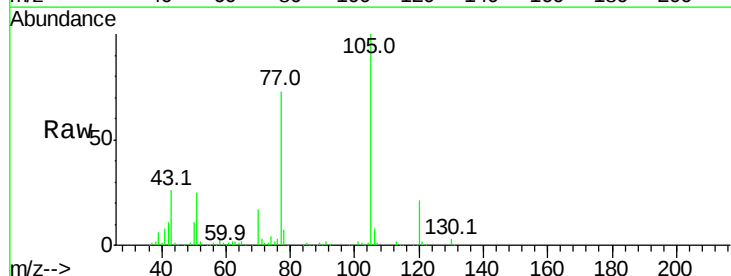


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

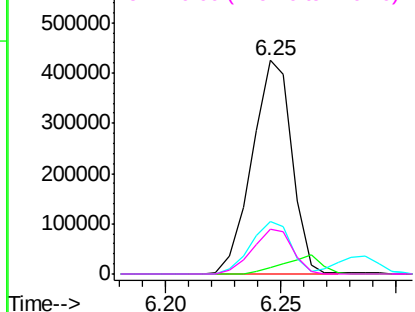
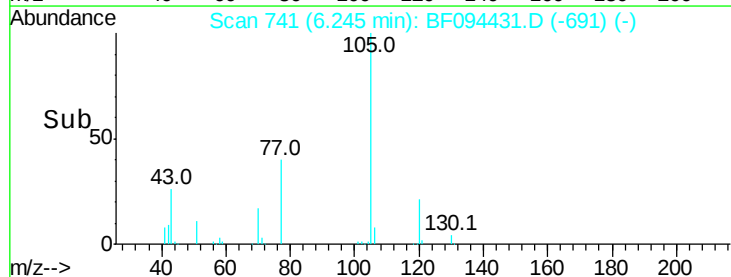


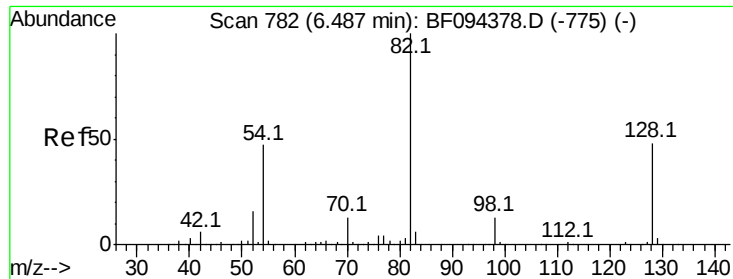
#22
Acetophenone
Concen: 42.85 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:105	Resp:	512353
Ion Ratio	Lower	Upper
105 100		
71 2.9	2.8	4.2
51 24.7	30.7	46.1#
120 21.2	17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

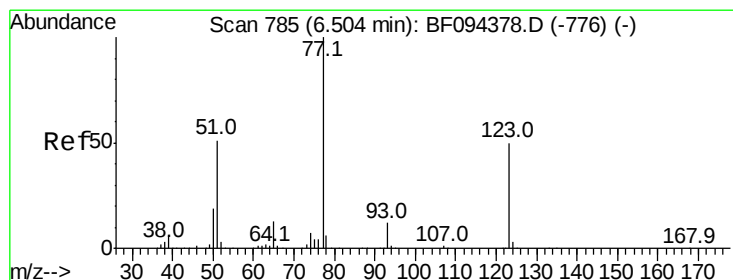
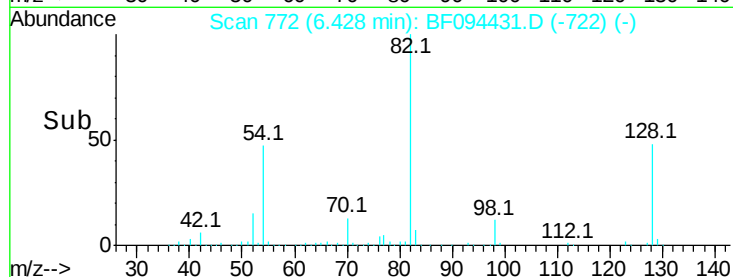
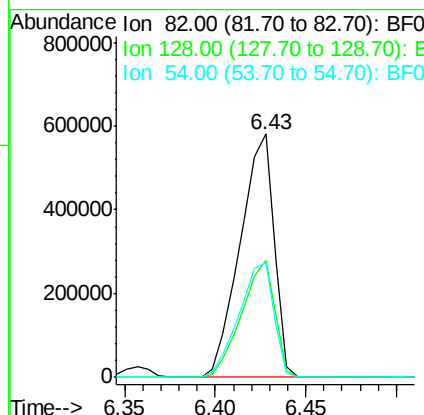
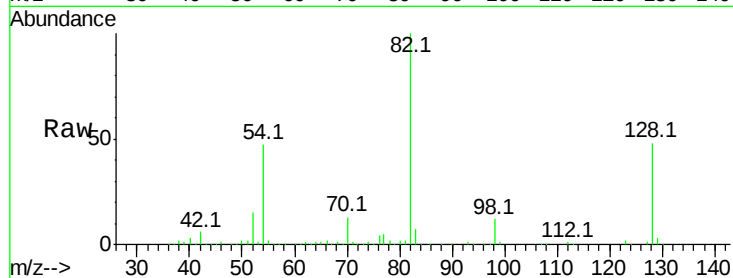




#23
Nitrobenzene-d5
Concen: 80.64 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

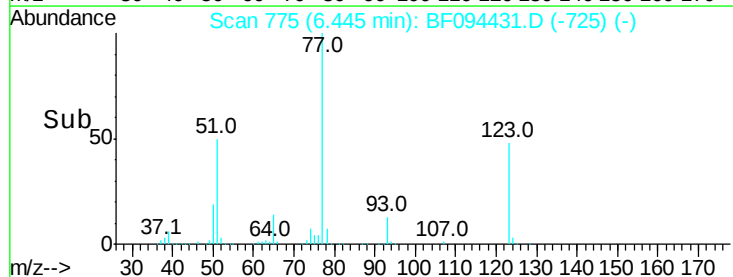
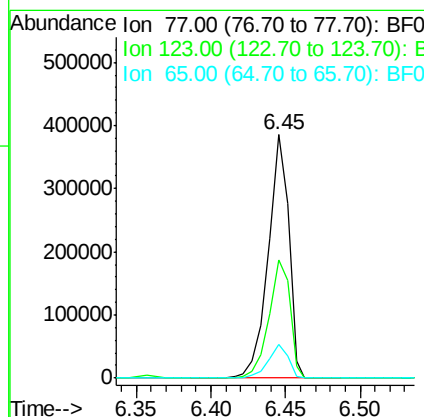
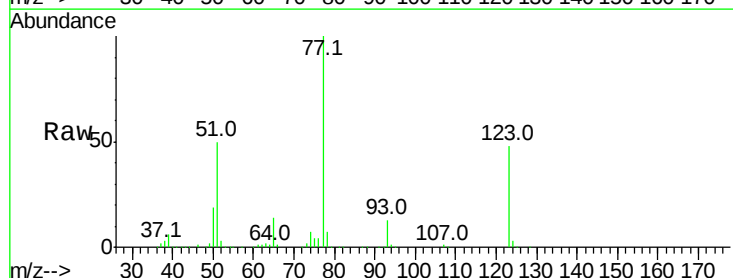
Instrument :
BNA_F
ClientSampleId :

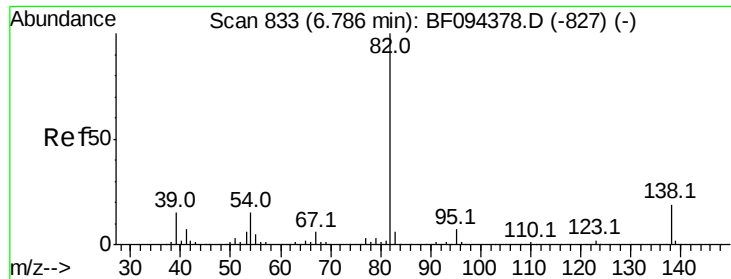
Tot Ion: 82 Resp: 758117
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 46.9 42.2 63.2



#24
Nitrobenzene
Concen: 39.43 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion: 77 Resp: 365622
Ion Ratio Lower Upper
77 100
123 48.3 35.8 53.8
65 13.6 10.6 15.8





#25

Isophorone

Concen: 40.33 ng

RT: 6.73 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

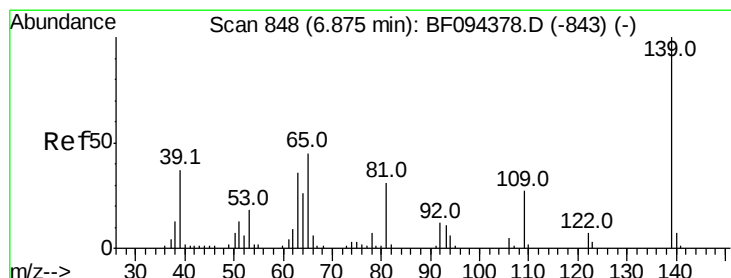
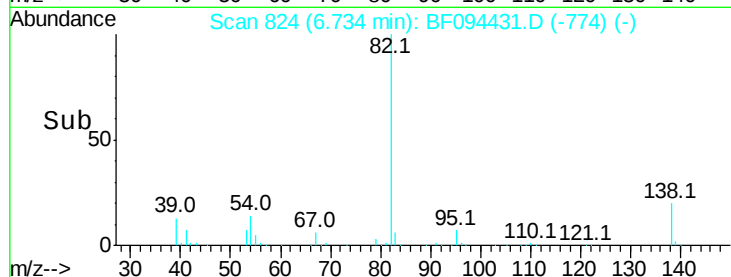
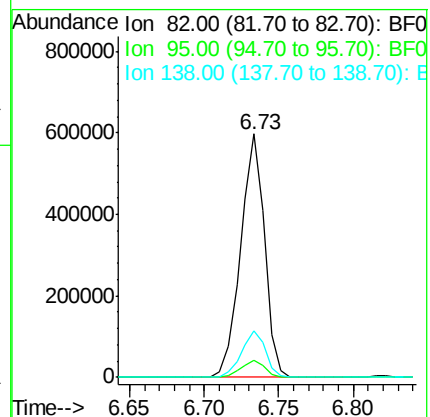
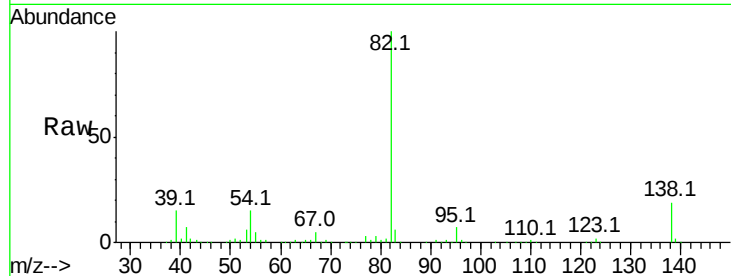
Tot Ion: 82 Resp: 666167

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 47.31 ng

RT: 6.82 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

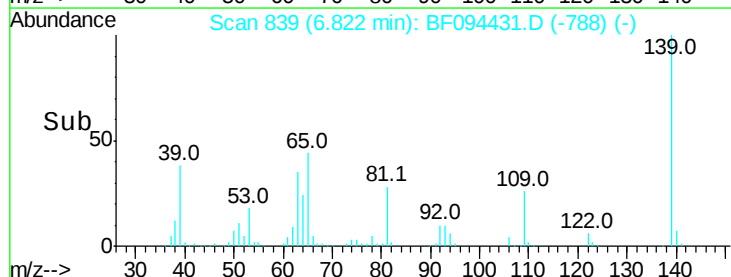
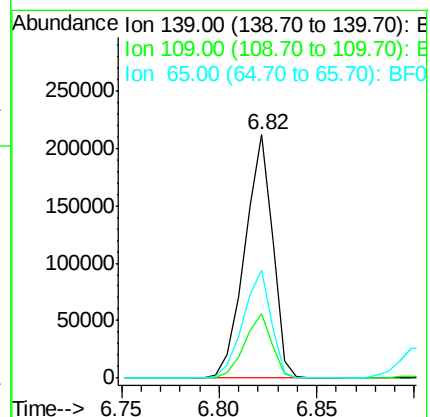
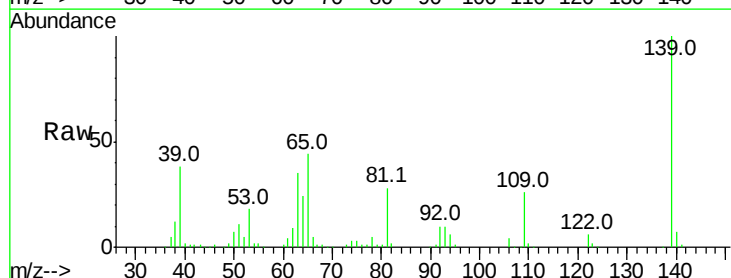
Tgt Ion: 139 Resp: 209187

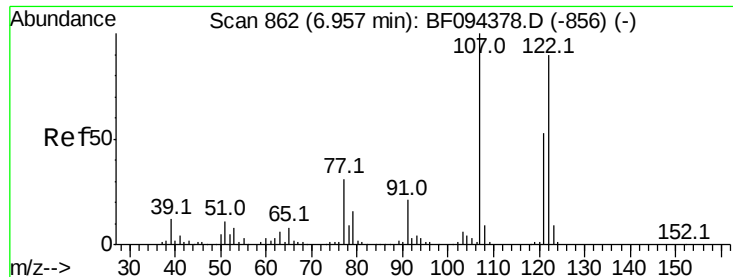
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

65 44.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.33 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

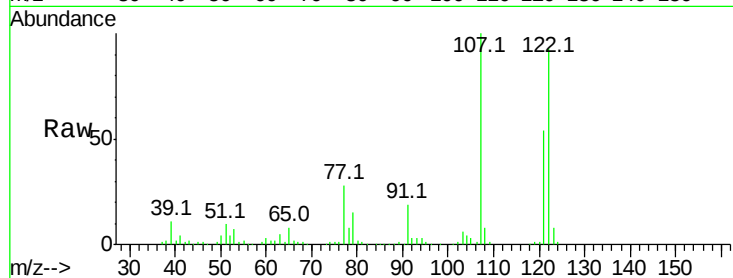
Tot Ion:122 Resp: 337709

Ion Ratio Lower Upper

122 100

107 107.3 89.2 133.8

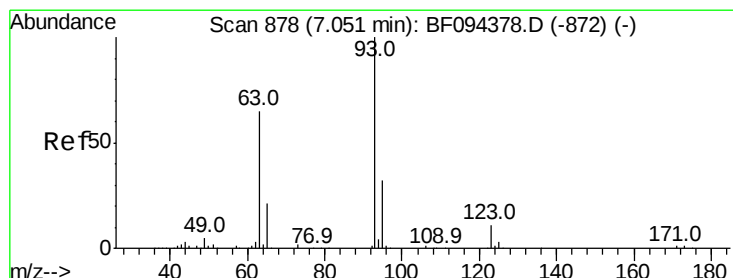
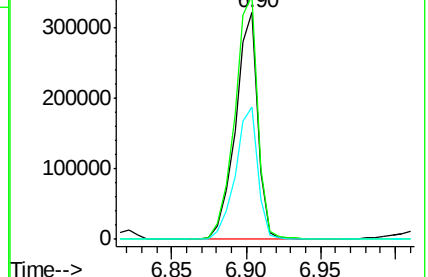
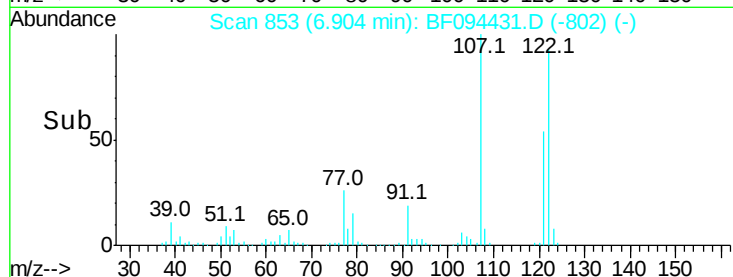
121 58.2 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.97 ng

RT: 7.00 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

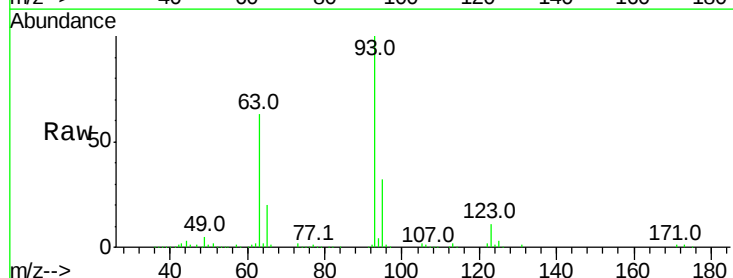
Tgt Ion: 93 Resp: 435390

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

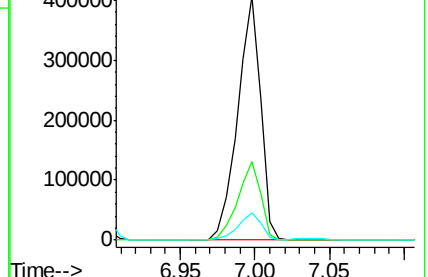
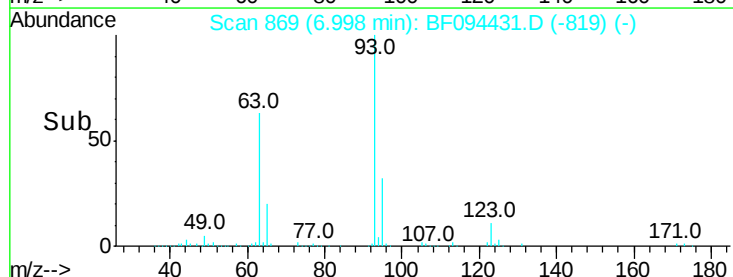
123 11.2 9.0 13.4

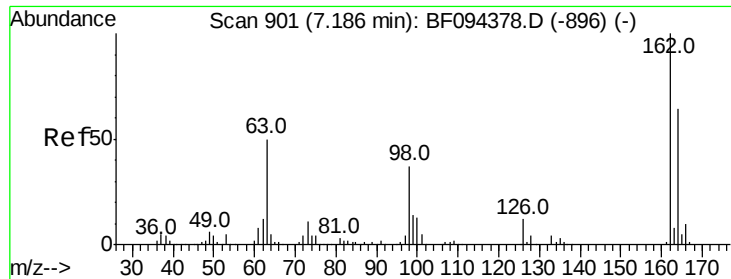


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

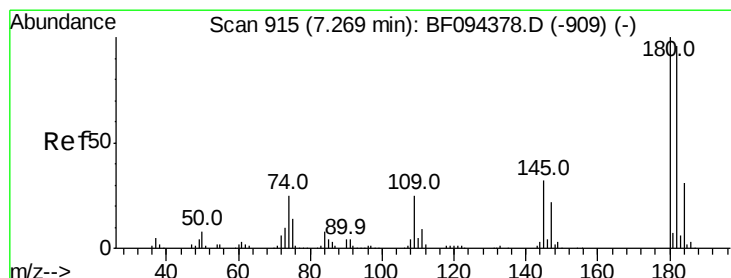
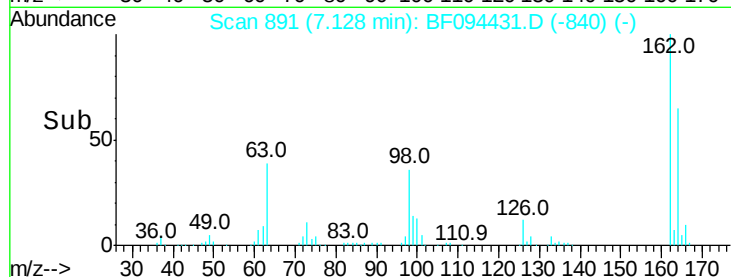
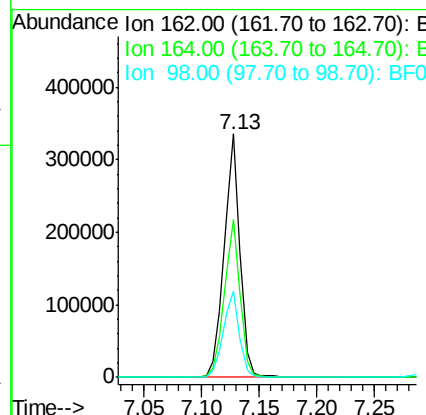
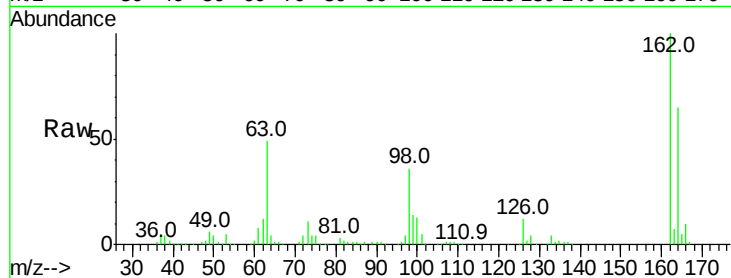




#29
 2,4-Dichlorophenol
 Concen: 44.88 ng
 RT: 7.13 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

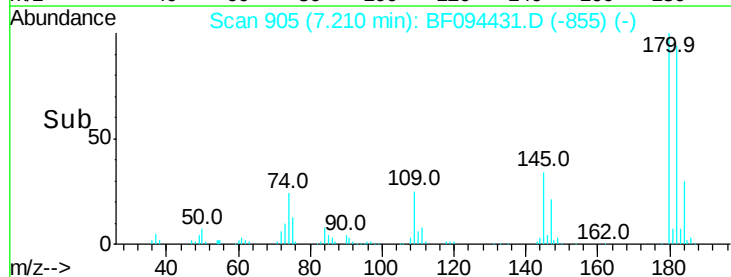
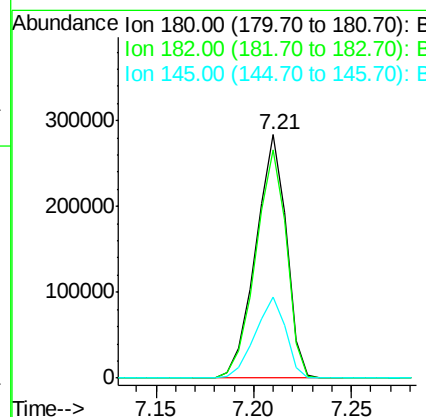
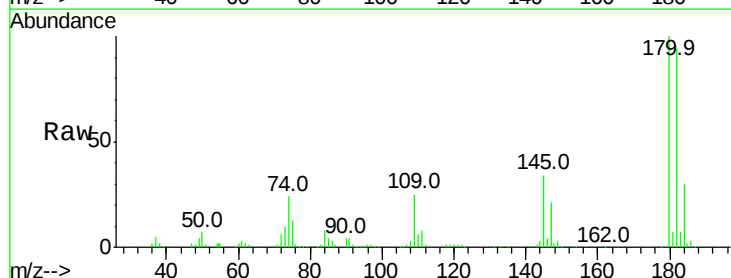
Instrument :
 BNA_F
 ClientSampleId :

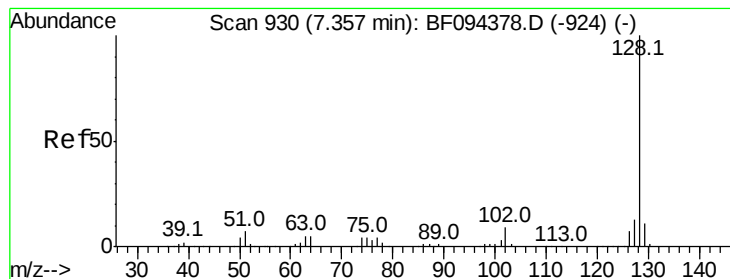
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	35.5	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.95 ng
 RT: 7.21 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.8	113.6
145	33.5	25.3	37.9





#31

Naphthalene

Concen: 40.48 ng

RT: 7.30 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

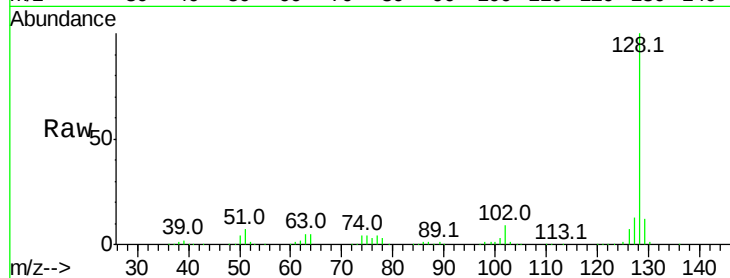
Tot Ion:128 Resp: 1044234

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

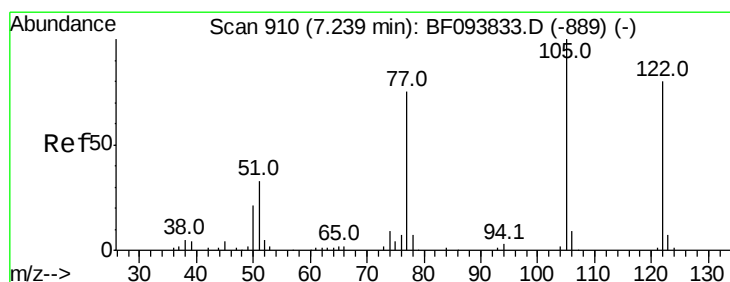
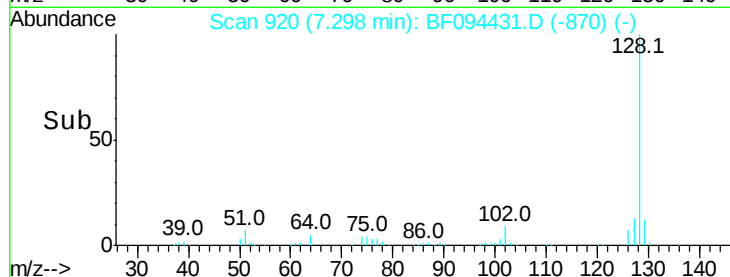
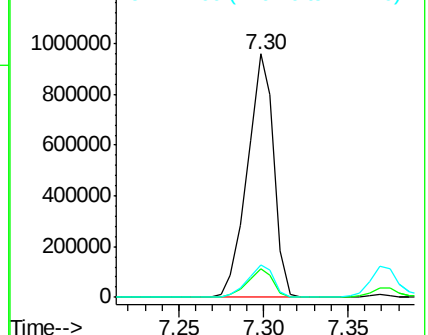
127 13.3 10.8 16.2



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: 12.89 ng

RT: 7.04 min Scan# 876

Delta R.T. -0.04 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

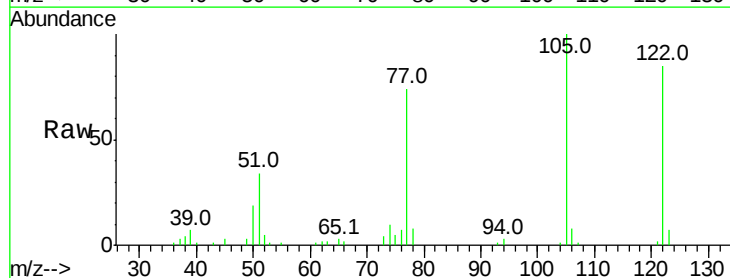
Tgt Ion:122 Resp: 65367

Ion Ratio Lower Upper

122 100

105 117.8 103.3 143.3

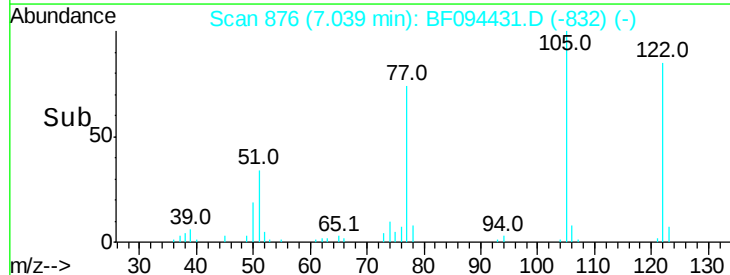
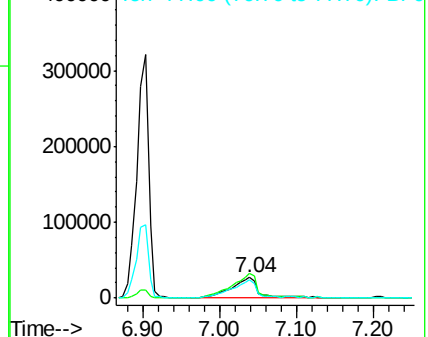
77 87.3 73.7 113.7

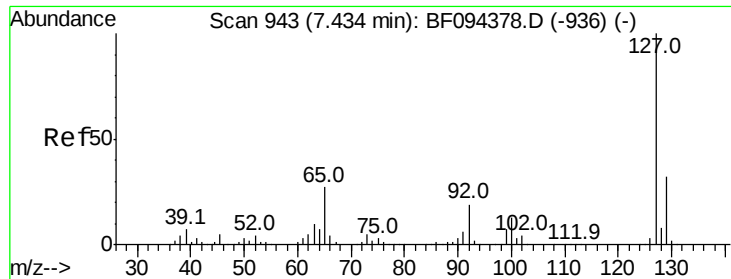


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

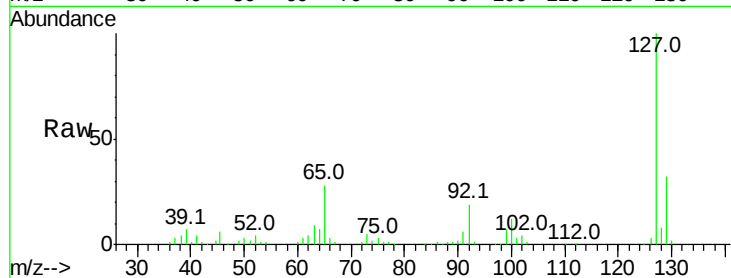




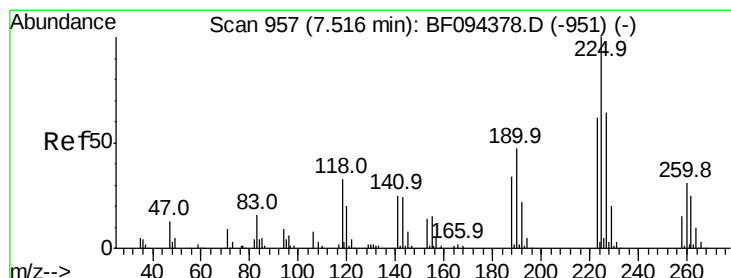
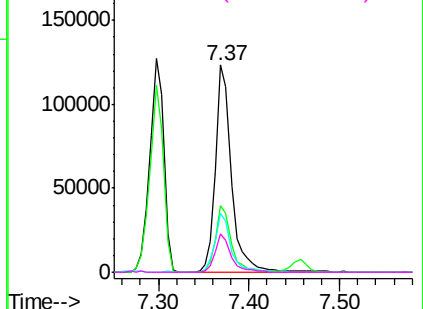
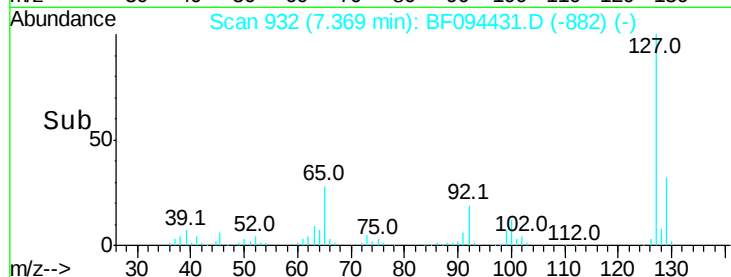
#33
 4-Chloroaniline
 Concen: 14.52 ng
 RT: 7.37 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	151798
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	28.3	27.8	41.8
92	18.7	16.8	25.2

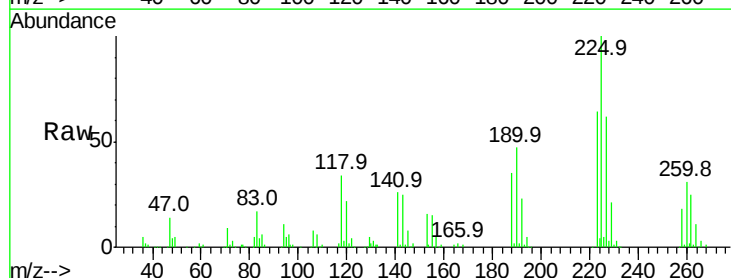


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

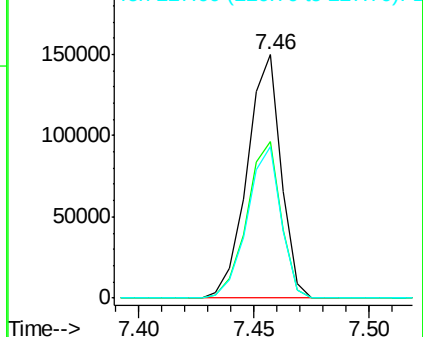
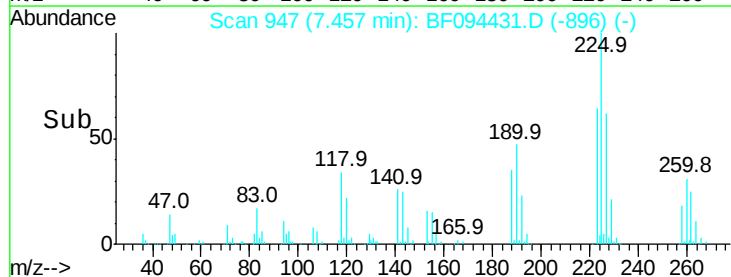


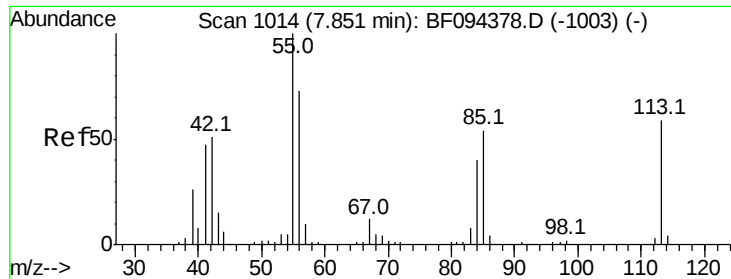
#34
 Hexachlorobutadiene
 Concen: 40.79 ng
 RT: 7.46 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:	225	Resp:	153467
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	62.1	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

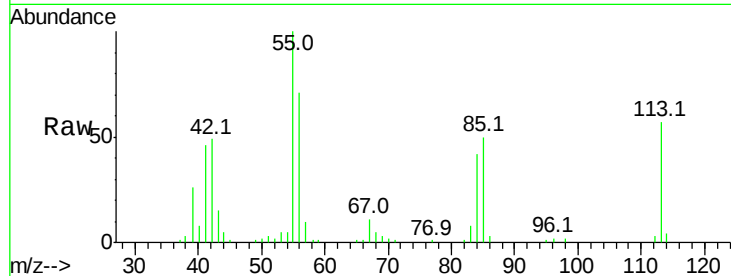




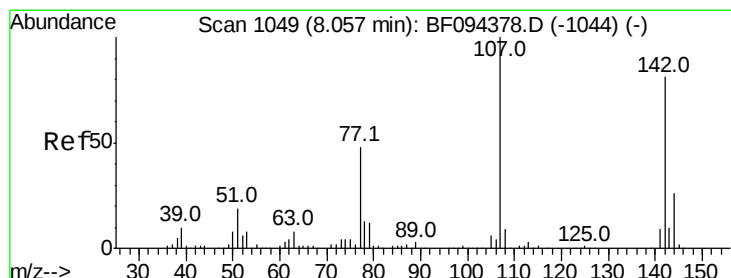
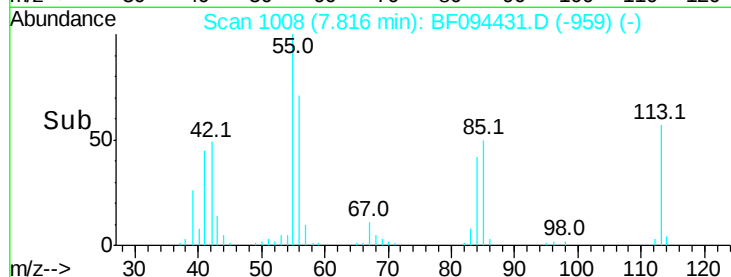
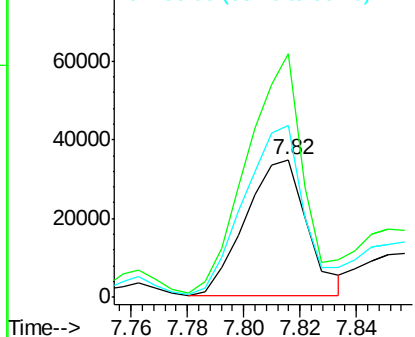
#35
 Caprolactam
 Concen: 22.99 ng
 RT: 7.82 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 52227
 Ion Ratio Lower Upper
 113 100
 55 176.5 150.2 190.2
 56 125.1 107.8 147.8

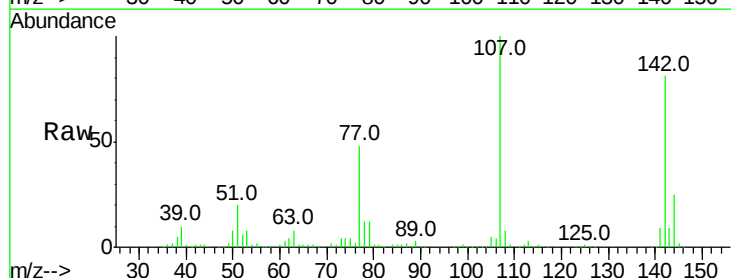


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

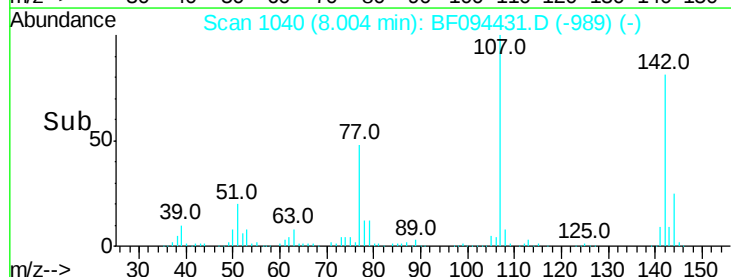
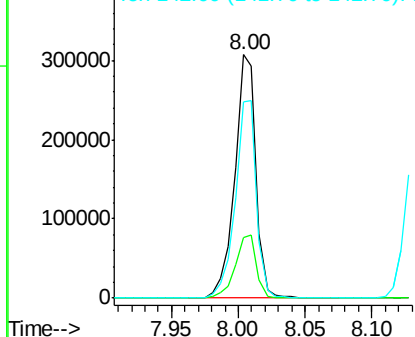


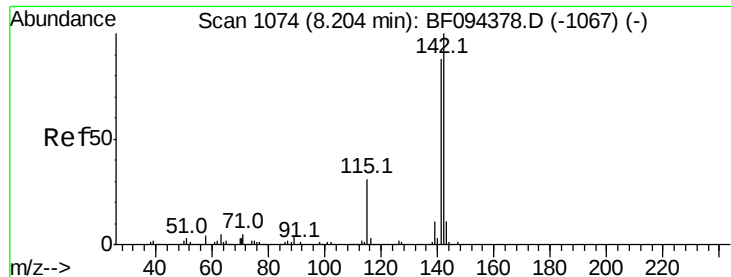
#36
 4-Chloro-3-methylphenol
 Concen: 45.86 ng
 RT: 8.00 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:107 Resp: 341379
 Ion Ratio Lower Upper
 107 100
 144 24.7 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: 42.90 ng

RT: 8.15 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampled :

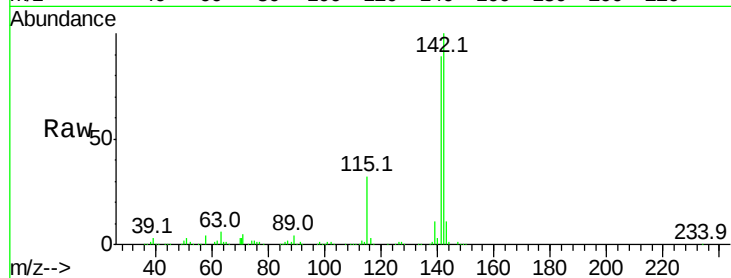
Tot Ion:142 Resp: 737754

Ion Ratio Lower Upper

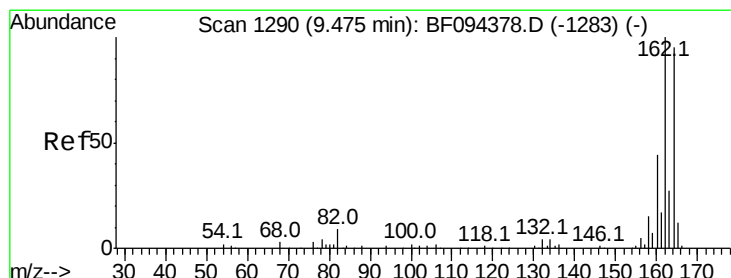
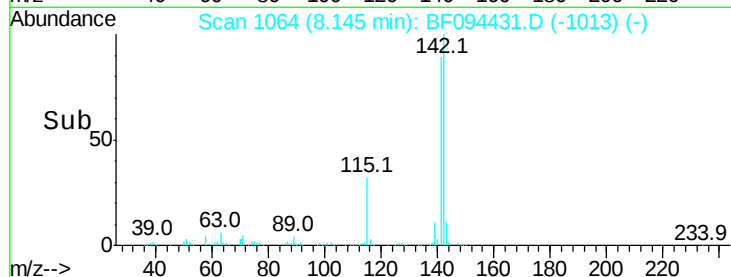
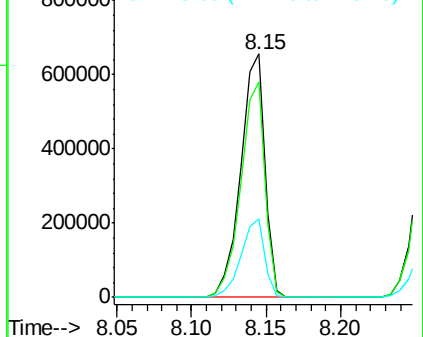
142 100

141 88.7 71.3 106.9

115 32.0 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: BF094431.D

Acq: 14 Apr 2017 16:34

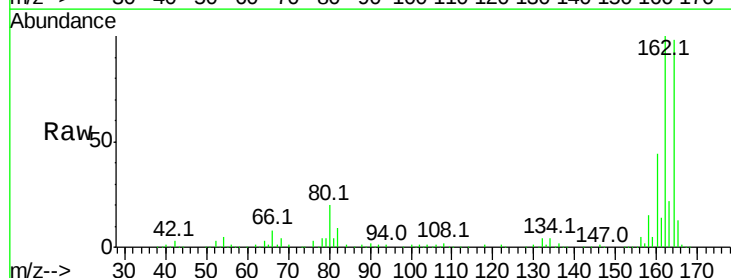
Tgt Ion:164 Resp: 255650

Ion Ratio Lower Upper

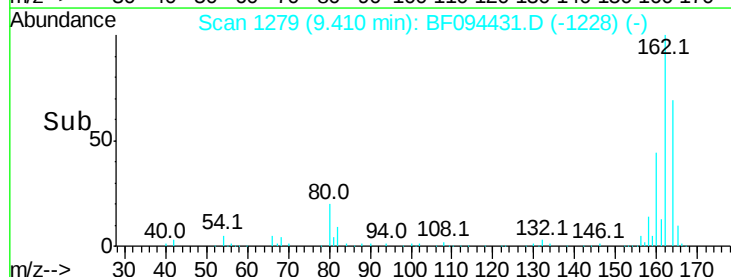
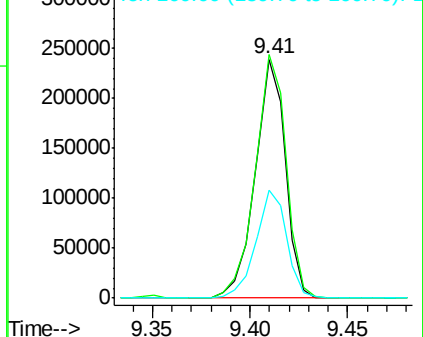
164 100

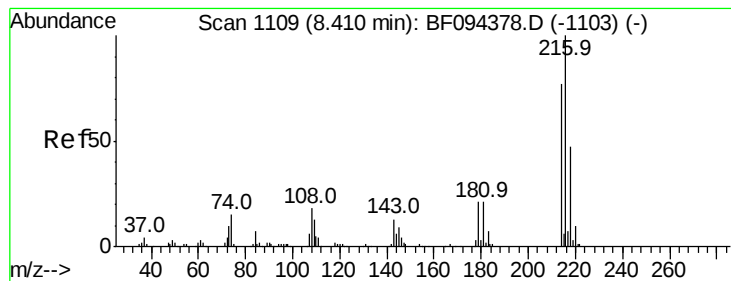
162 102.1 82.6 123.8

160 45.0 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: 39.88 ng

RT: 8.35 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 278875

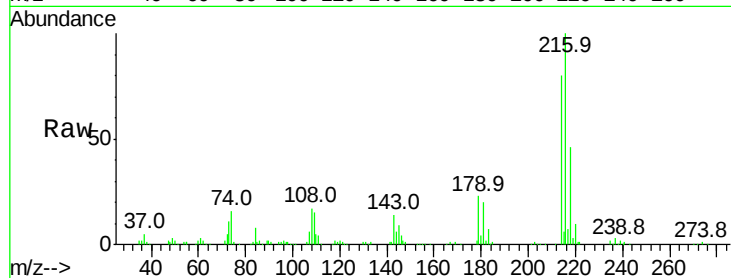
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 22.6 17.9 26.9

108 21.4 16.5 24.7

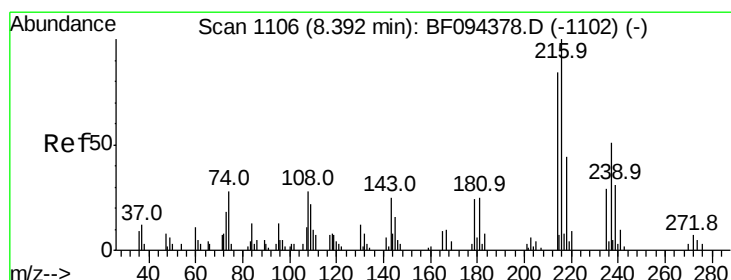
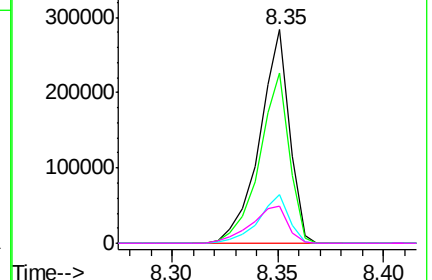
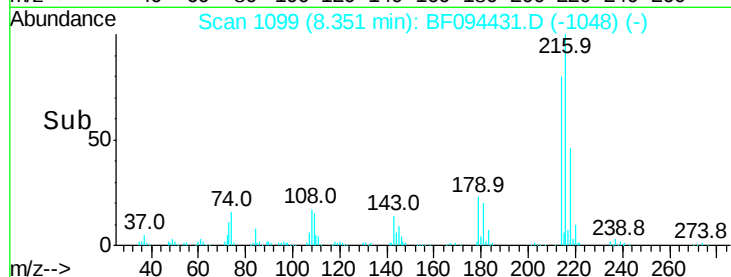


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.92 ng

RT: 8.34 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

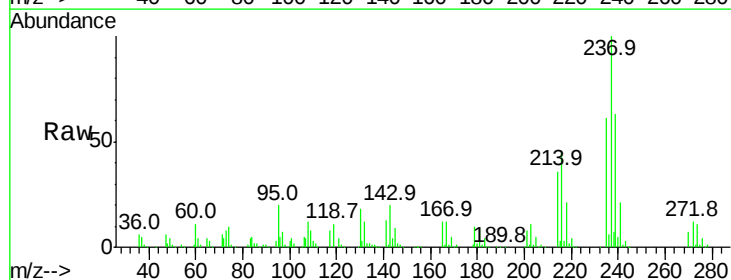
Tgt Ion:237 Resp: 248462

Ion Ratio Lower Upper

237 100

235 60.8 42.6 82.6

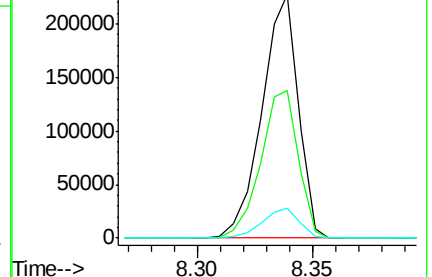
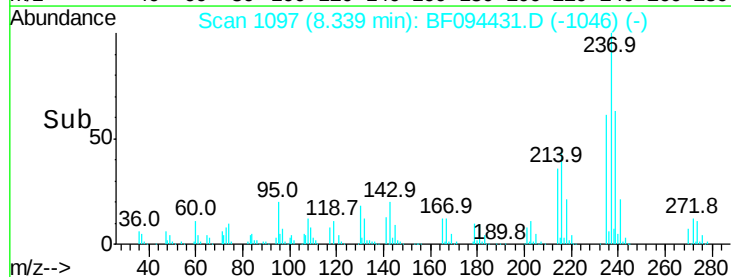
272 12.4 0.0 31.9

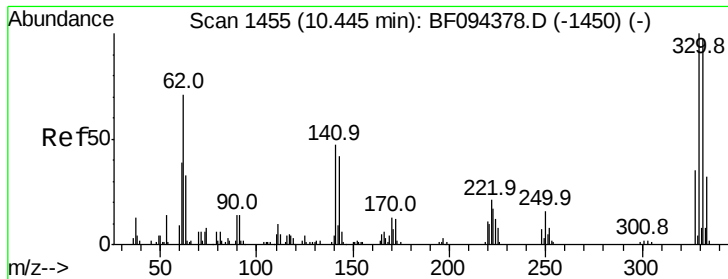


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

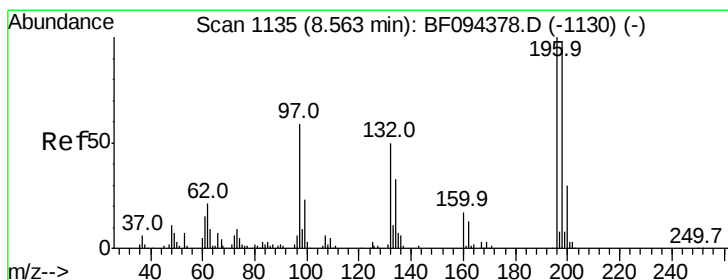
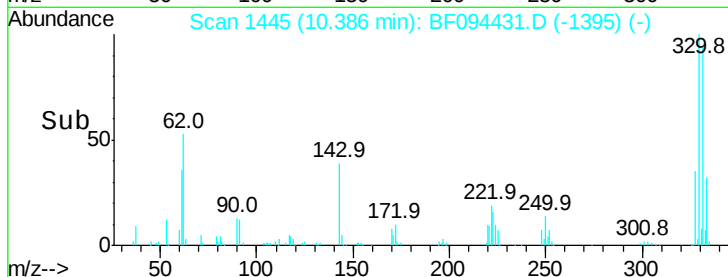
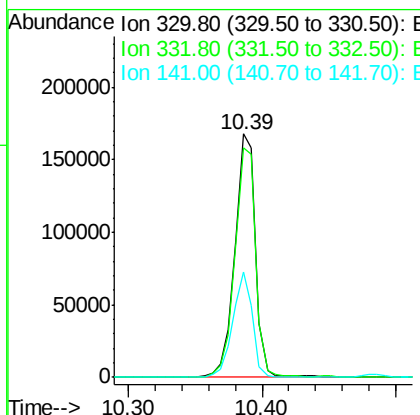
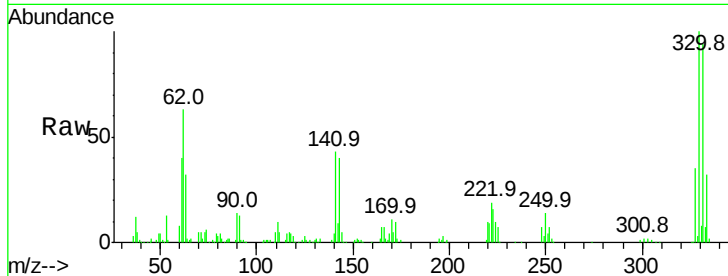




#41
 2,4,6-Tribromophenol
 Concen: 90.30 ng
 RT: 10.39 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

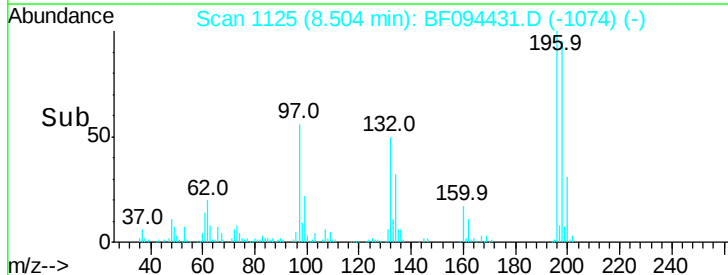
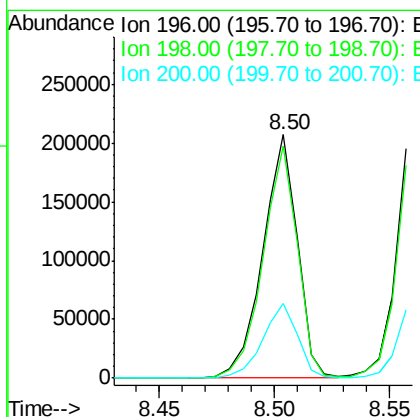
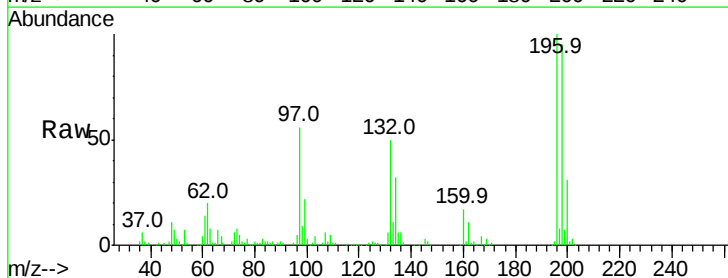
Instrument :
 BNA_F
 ClientSampleId :

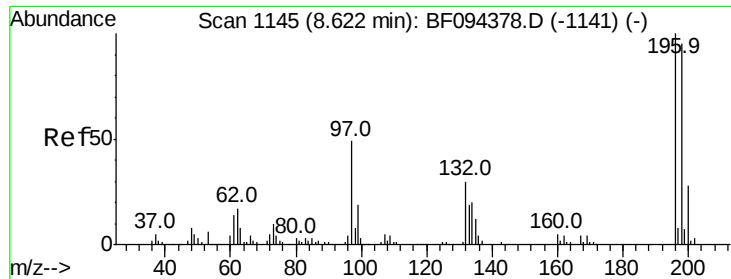
Tot Ion:330 Resp: 182424
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 41.2 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 43.67 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:196 Resp: 216094
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.2 111.4
 200 30.8 24.0 36.0

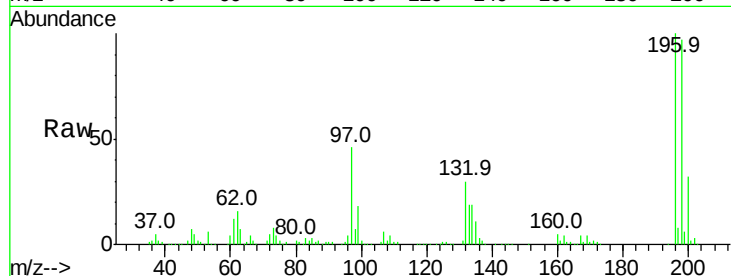




#43
 2,4,5-Trichlorophenol
 Concen: 41.23 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.7	113.5
97	46.1	47.7	71.5#
132	30.5	28.0	42.0



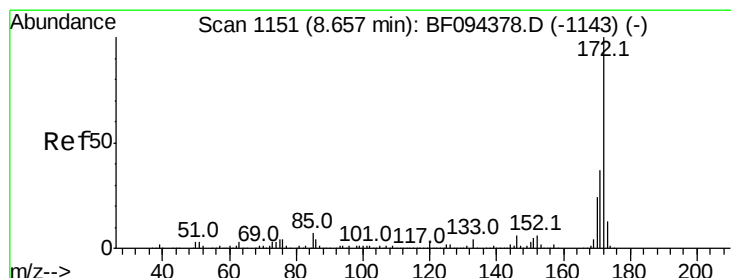
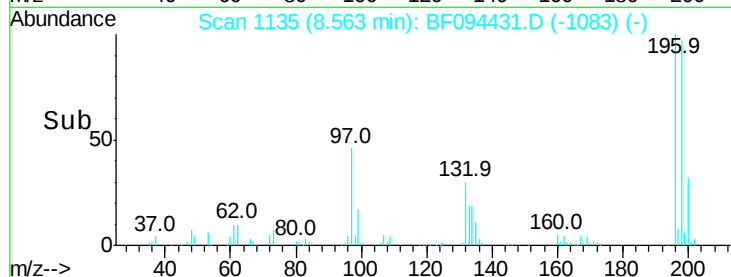
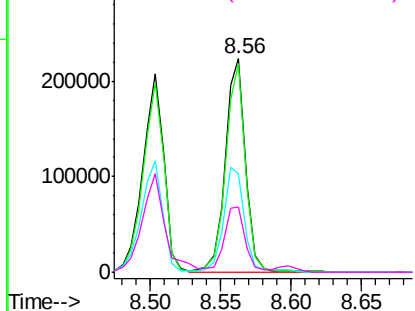
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

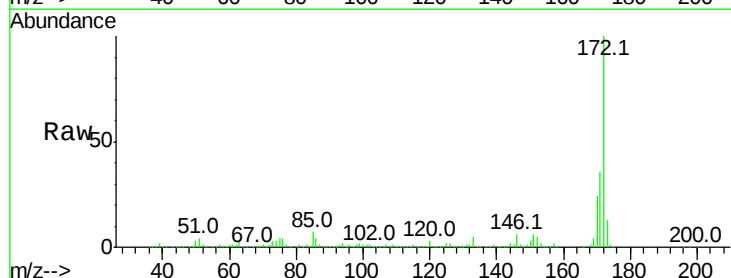
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.17 ng
 RT: 8.60 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.0	19.8	29.8

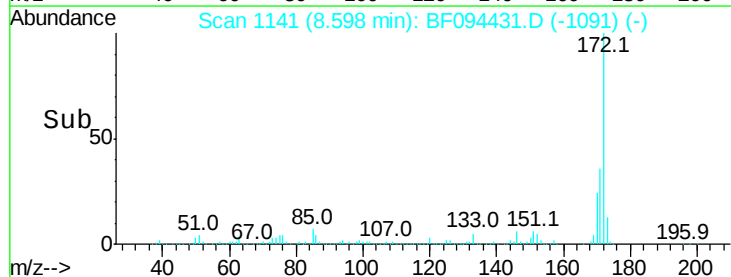
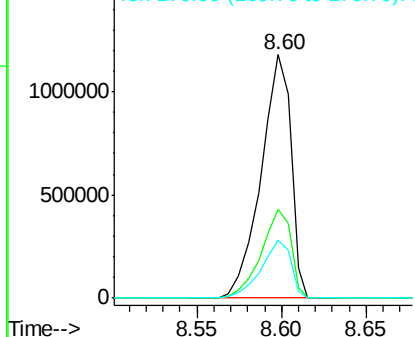


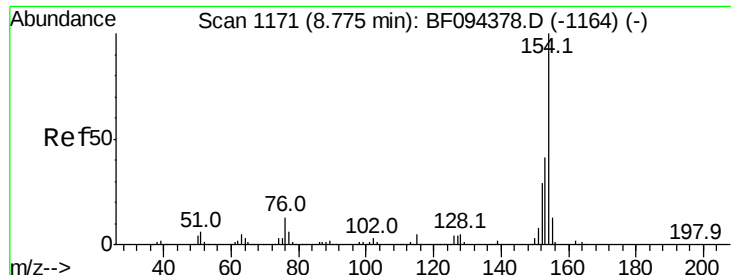
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

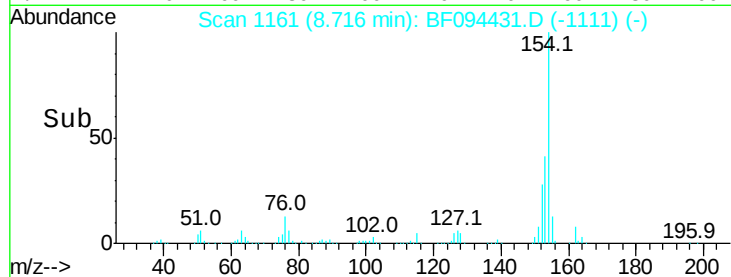
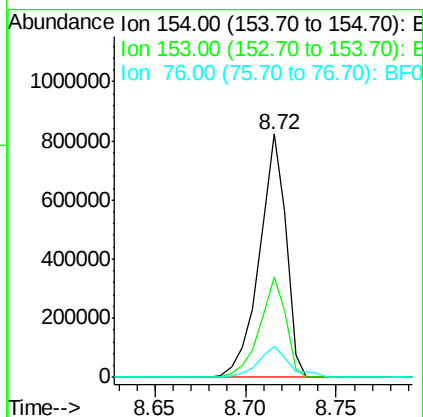
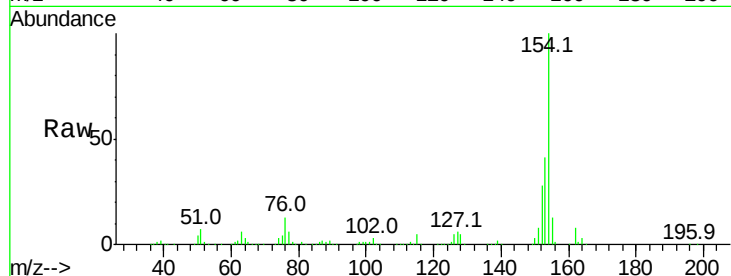




#45
 1,1'-Biphenyl
 Concen: 40.66 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

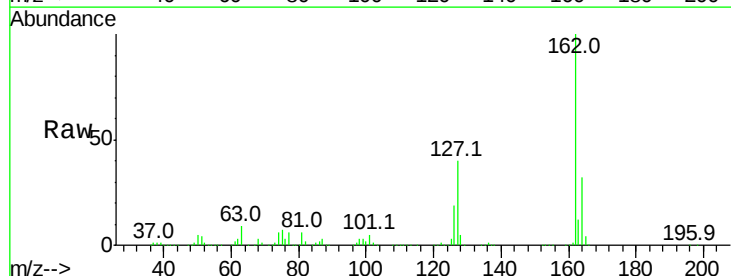
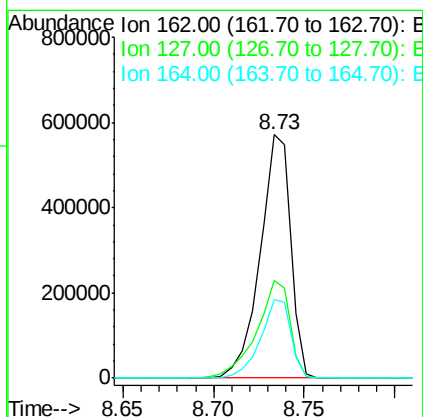
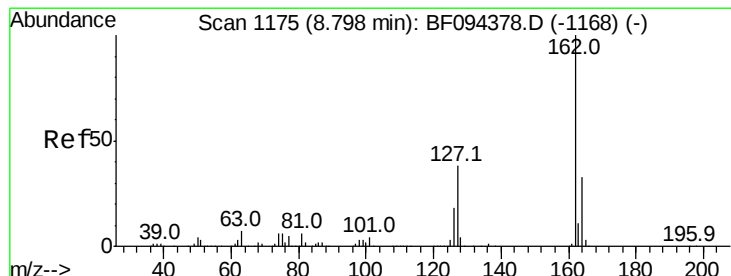
Instrument :
 BNA_F
 ClientSampleId :

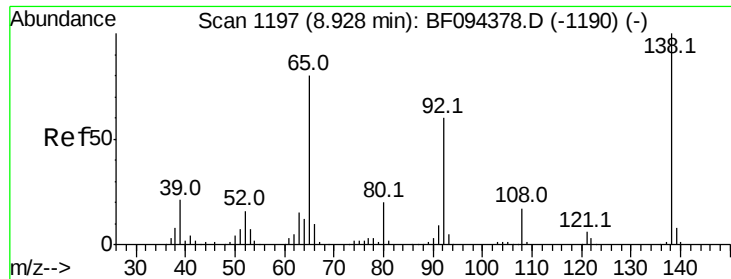
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	13.0	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 41.42 ng
 RT: 8.73 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	28.3	42.5
164	32.4	27.0	40.4

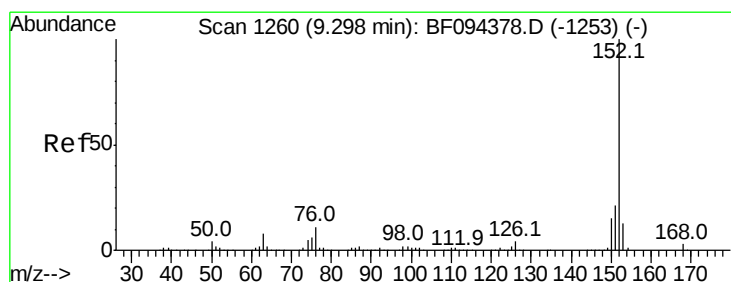
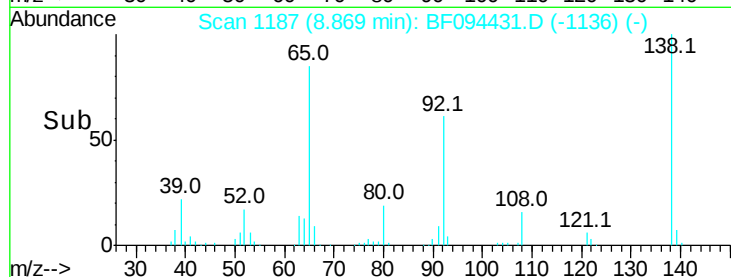
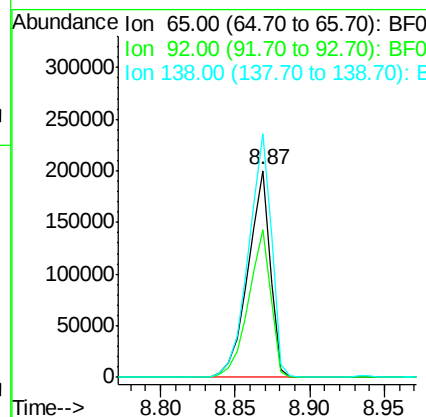
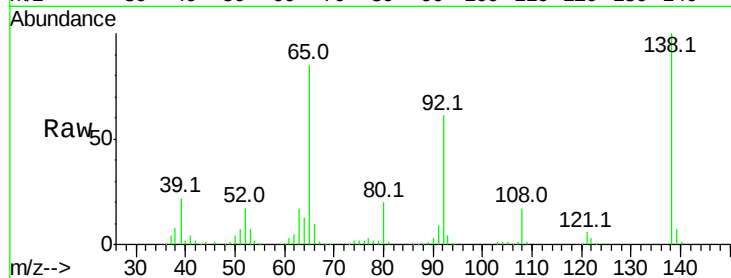




#47
 2-Nitroaniline
 Concen: 43.19 ng
 RT: 8.87 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

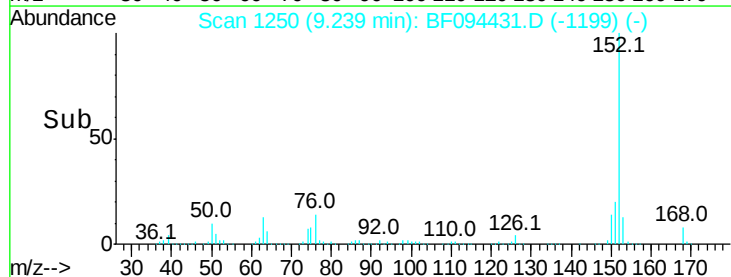
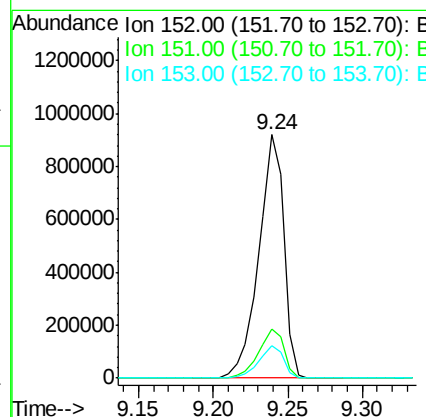
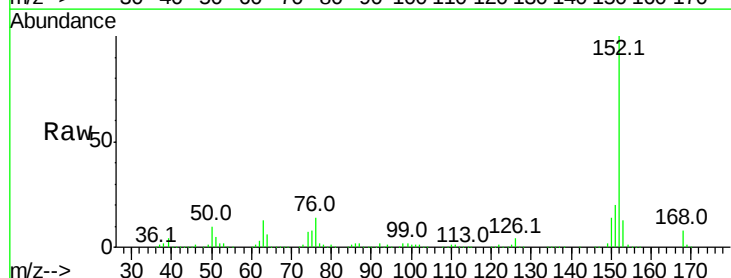
Instrument :
 BNA_F
 ClientSampleId :

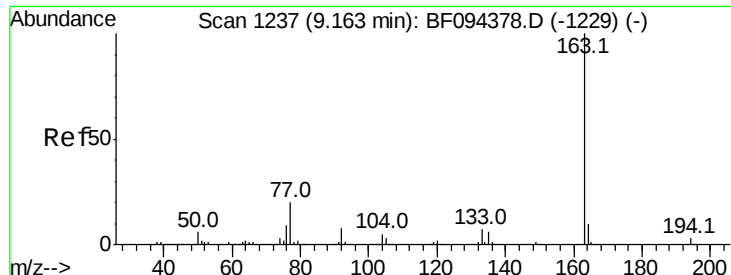
Tot Ion: 65 Resp: 206792
 Ion Ratio Lower Upper
 65 100
 92 71.4 53.9 80.9
 138 117.9 78.8 118.2



#48
 Acenaphthylene
 Concen: 39.33 ng
 RT: 9.24 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:152 Resp: 1055184
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.8 25.2
 153 13.2 10.8 16.2

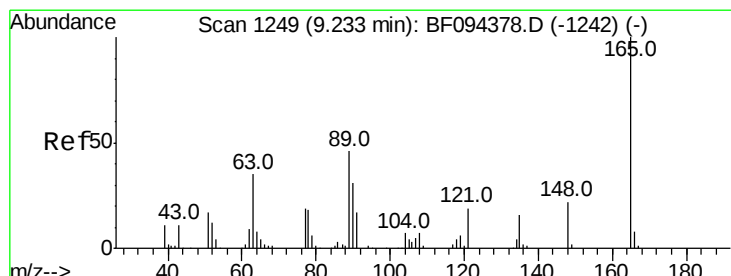
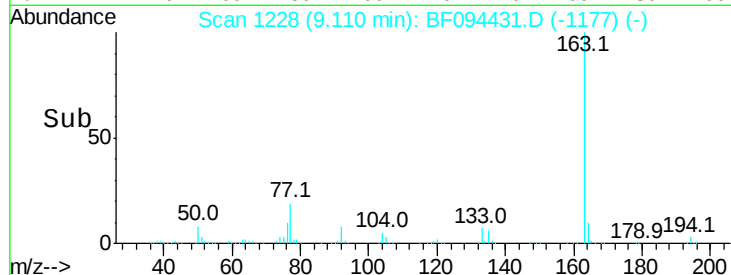
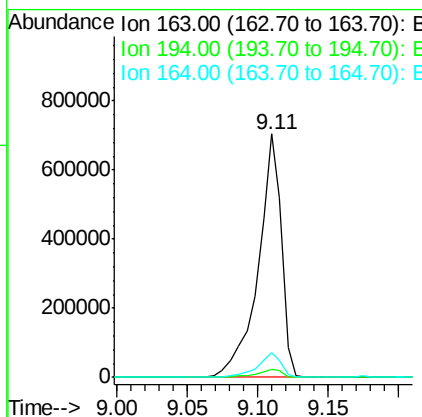
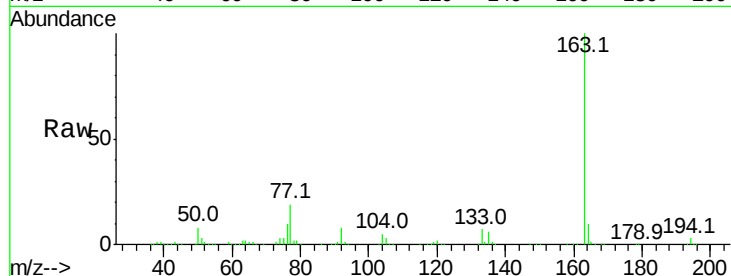




#49
Dimethylphthalate
Concen: 44.87 ng
RT: 9.11 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

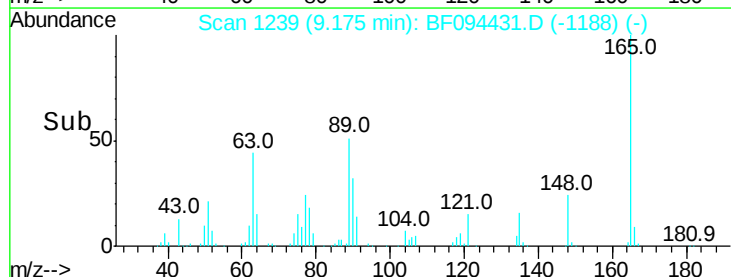
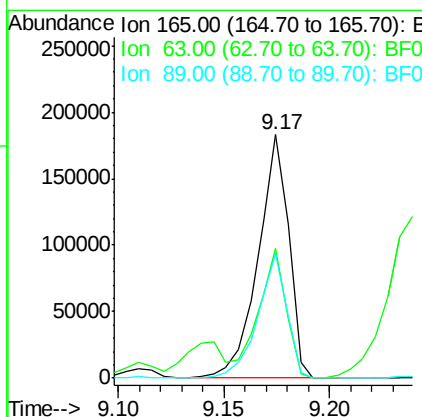
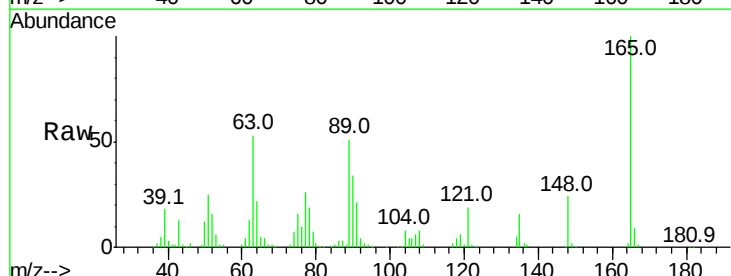
Instrument :
BNA_F
ClientSampled :

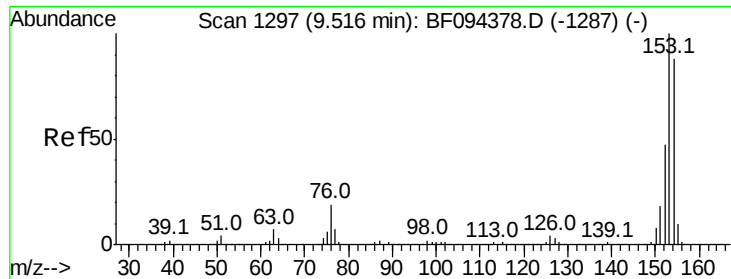
Tot Ion:163 Resp: 815377
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.9 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 44.36 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:165 Resp: 184787
Ion Ratio Lower Upper
165 100
63 53.4 34.3 51.5#
89 51.2 37.1 55.7





#51

Acenaphthene

Concen: 40.49 ng

RT: 9.45 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

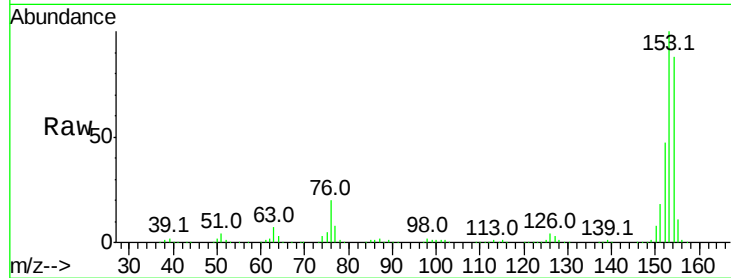
Tot Ion:154 Resp: 633855

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

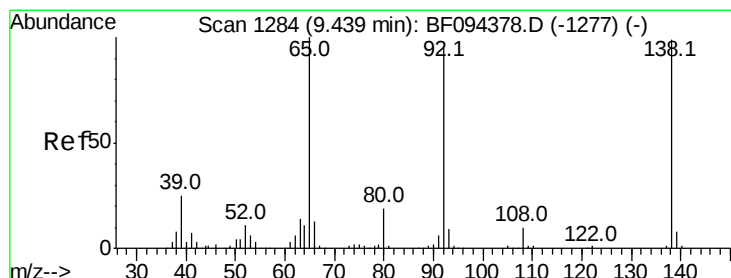
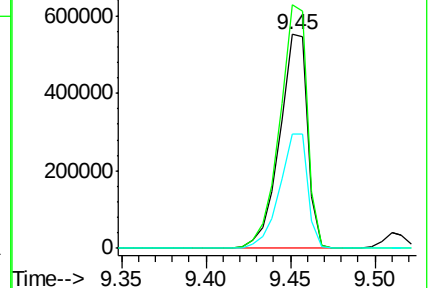
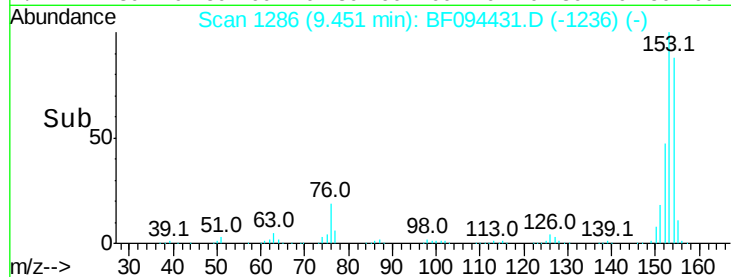
152 53.2 43.6 65.4



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: 22.52 ng

RT: 9.37 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

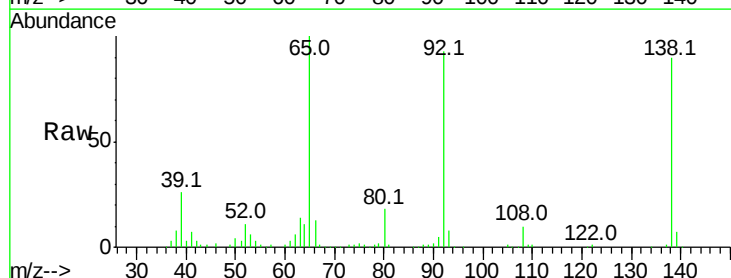
Tgt Ion:138 Resp: 110174

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

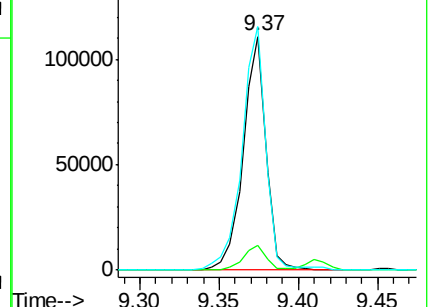
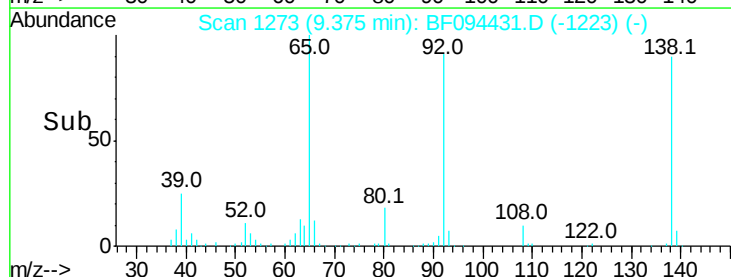
92 104.2 93.8 140.6

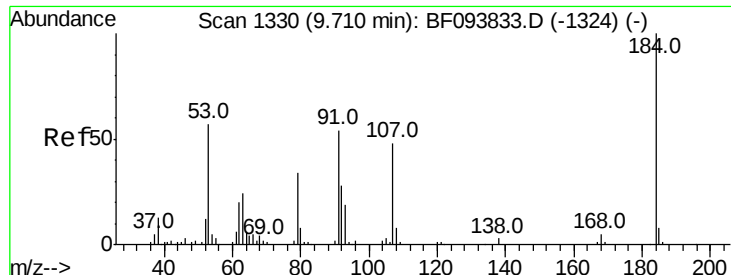


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

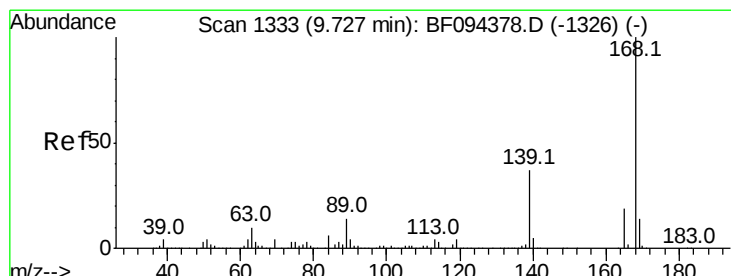
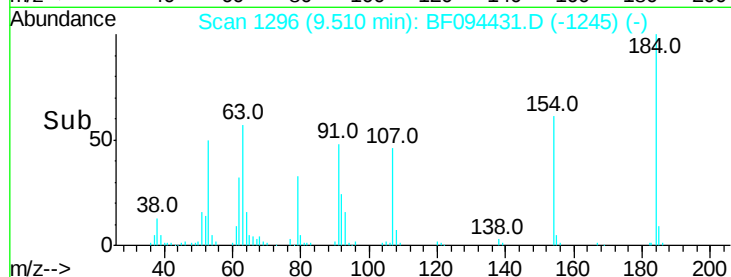
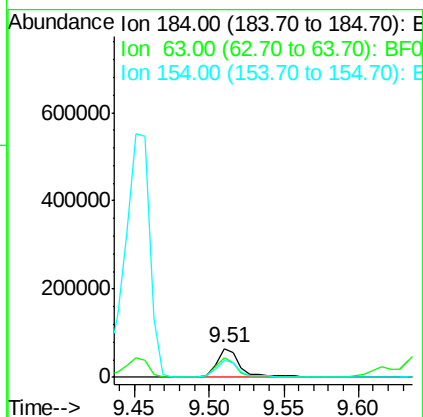
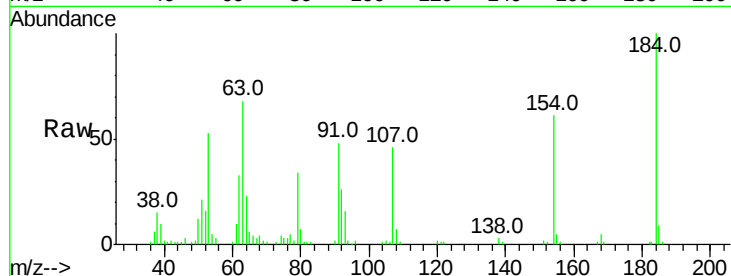




#53
2,4-Dinitrophenol
Concen: 35.71 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

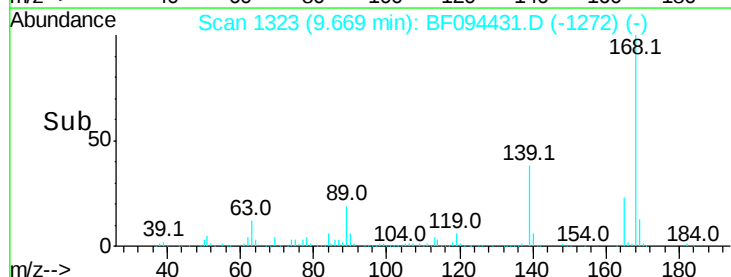
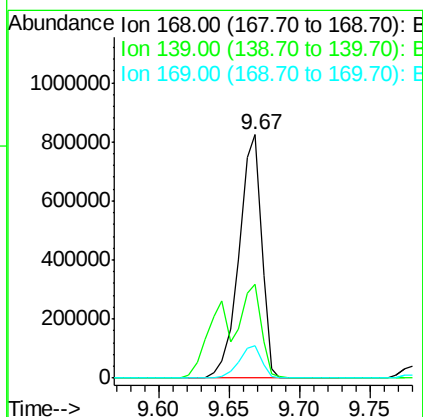
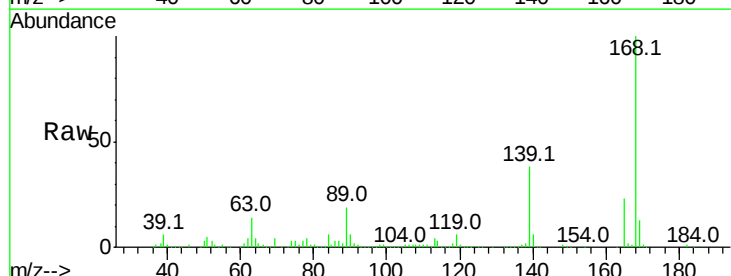
Instrument :
BNA_F
ClientSampled :

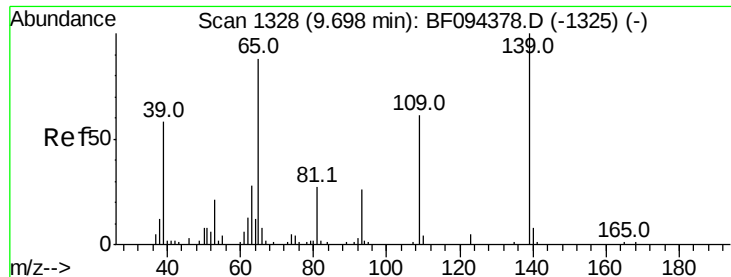
Tot Ion:184 Resp: 73504
Ion Ratio Lower Upper
184 100
63 67.9 62.7 94.1
154 60.8 81.1 121.7#



#54
Dibenzofuran
Concen: 43.04 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:168 Resp: 917021
Ion Ratio Lower Upper
168 100
139 38.5 30.6 45.8
169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 72.60 ng

RT: 9.65 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampled :

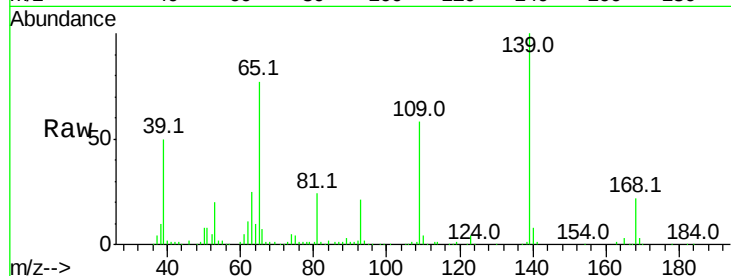
Tot Ion:139 Resp: 278130

Ion Ratio Lower Upper

139 100

109 57.9 34.1 74.1

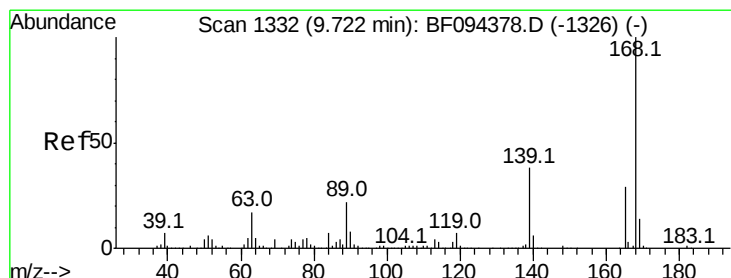
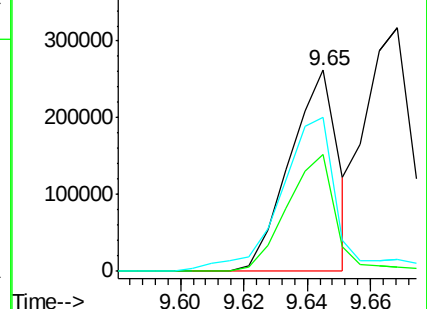
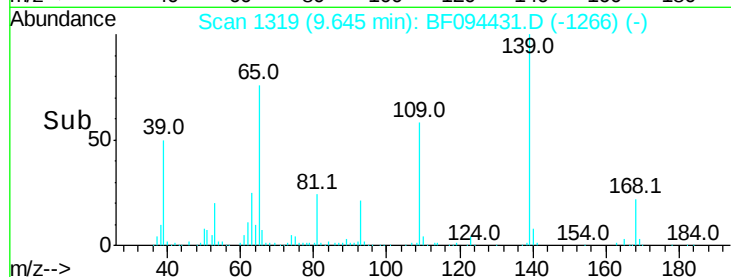
65 76.6 31.4 71.4#



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: 42.79 ng

RT: 9.67 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Tgt Ion:165 Resp: 223904

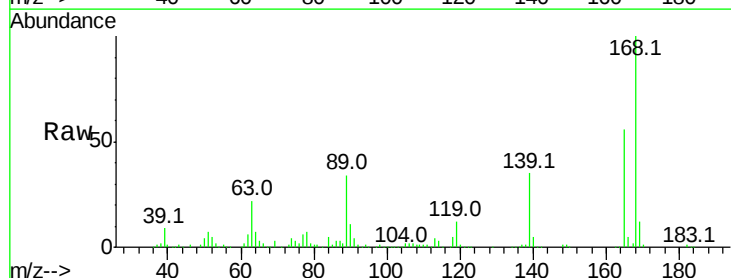
Ion Ratio Lower Upper

165 100

63 38.8 25.4 38.0#

89 60.7 46.4 69.6

182 2.3 1.8 2.6

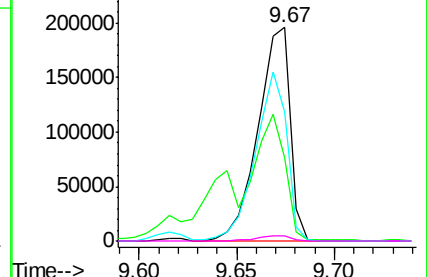
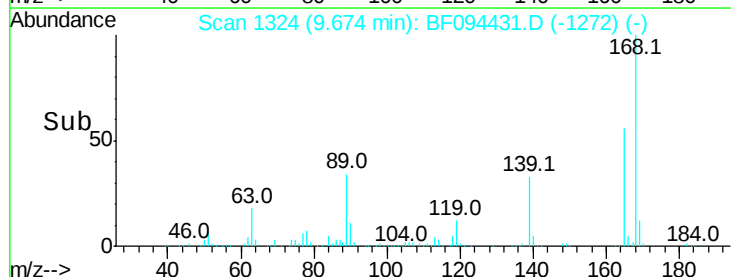


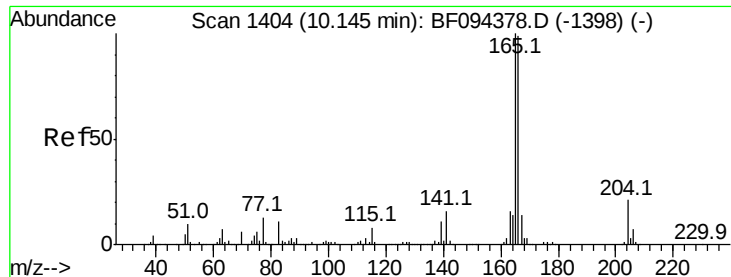
Abundance Ion 165.00 (164.70 to 165.70): E

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

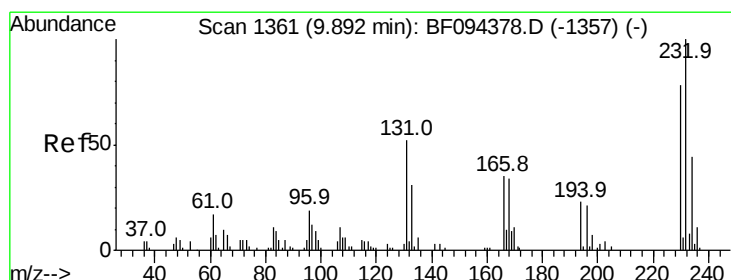
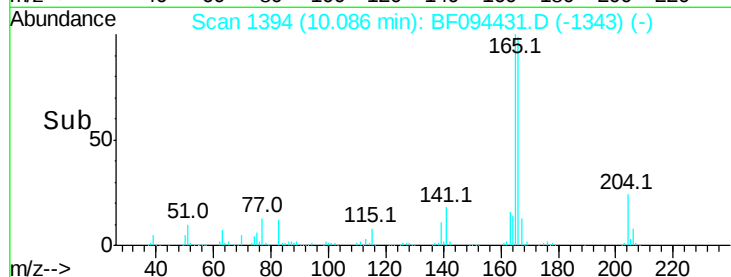
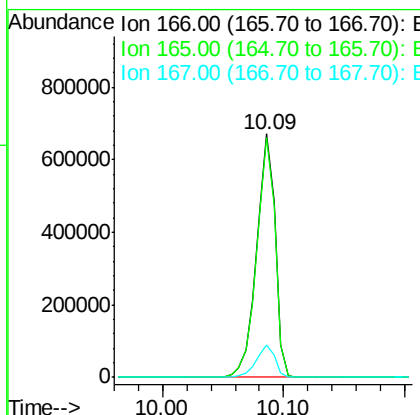
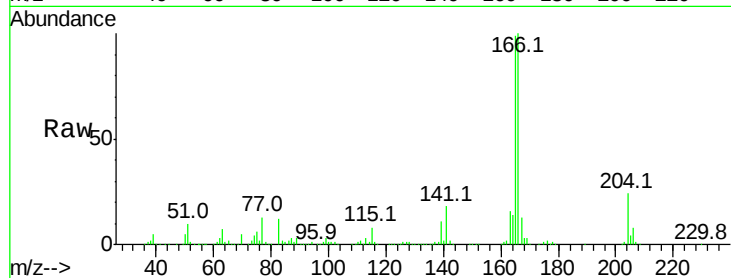




#57
 Fluorene
 Concen: 40.85 ng
 RT: 10.09 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

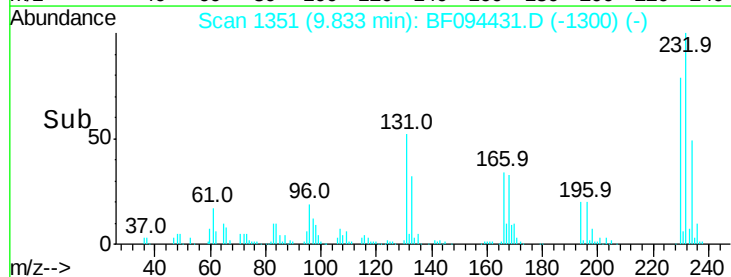
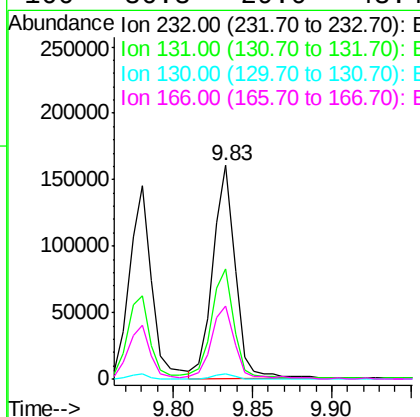
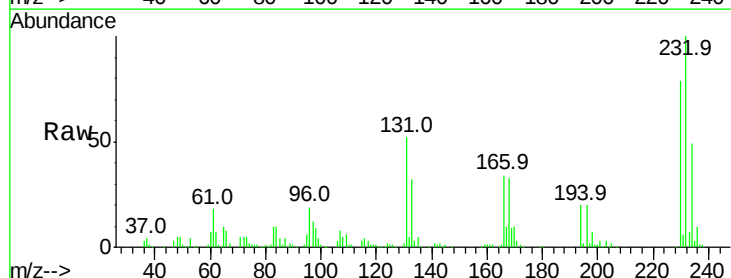
Instrument :
 BNA_F
 ClientSampleId :

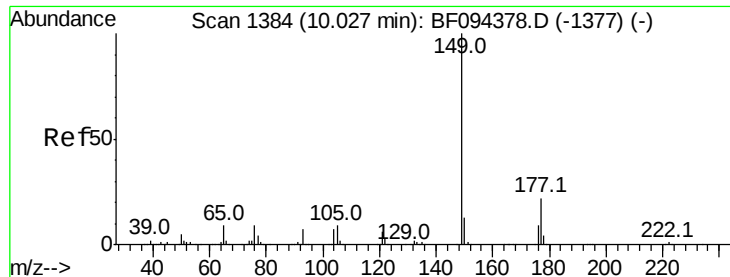
Tot Ion:166 Resp: 721865
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.8 118.2
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.85 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:232 Resp: 157402
 Ion Ratio Lower Upper
 232 100
 131 55.3 44.8 67.2
 130 2.4 2.3 3.5
 166 36.3 29.0 43.4

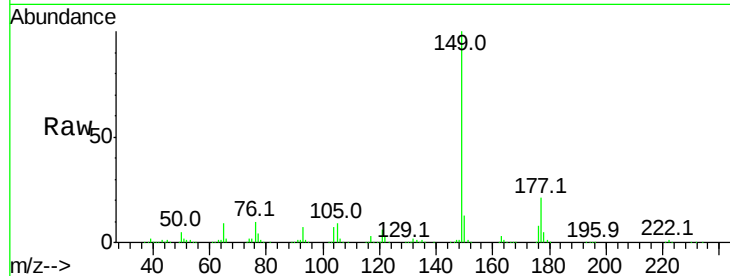




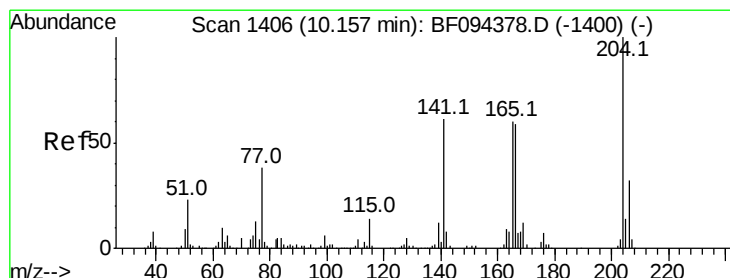
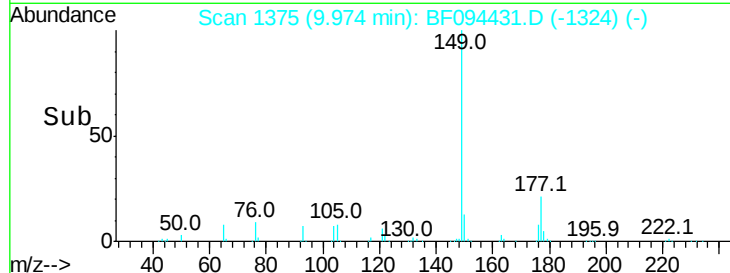
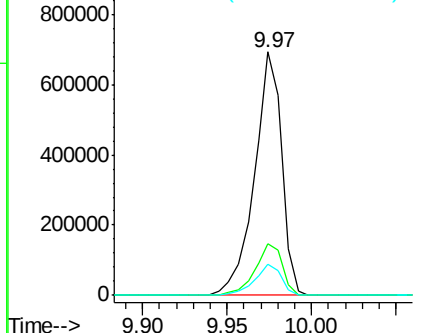
#59
Diethylphthalate
Concen: 43.18 ng
RT: 9.97 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 775545
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.9 10.2 15.2

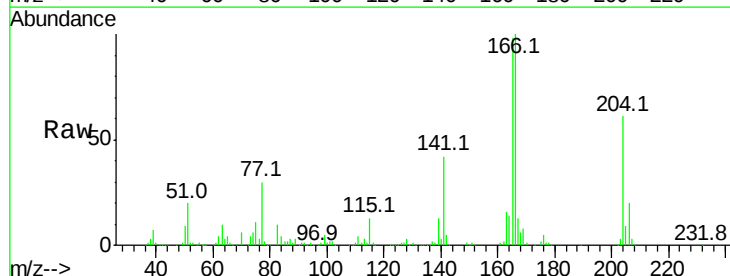


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

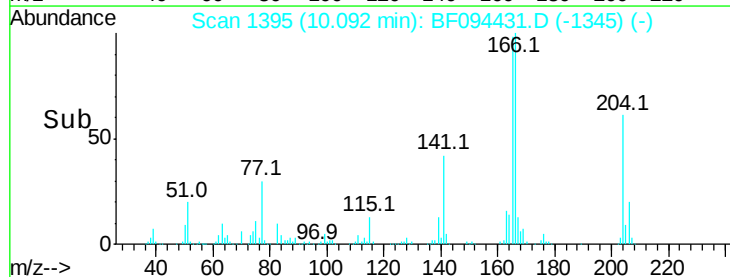
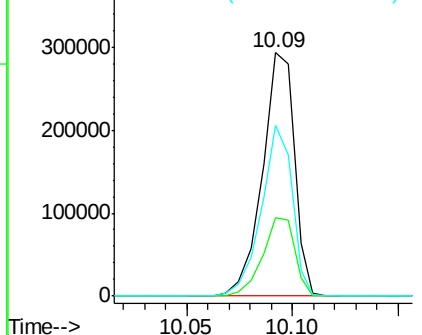


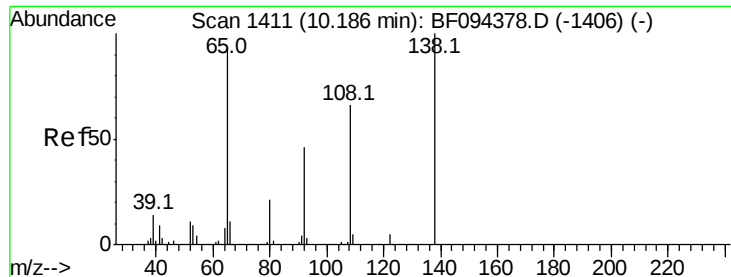
#60
4-Chlorophenyl-phenylether
Concen: 41.22 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:204 Resp: 310273
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 69.9 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: 41.25 ng

RT: 10.13 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampled :

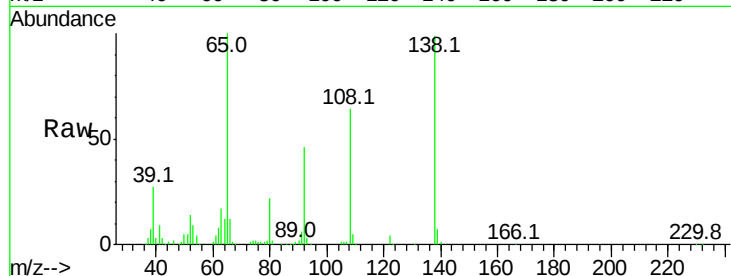
Tot Ion:138 Resp: 193641

Ion Ratio Lower Upper

138 100

92 47.0 21.8 61.8

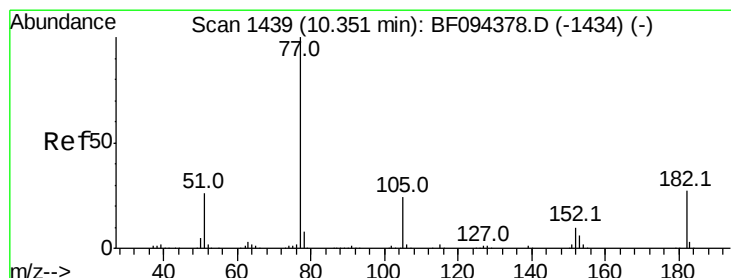
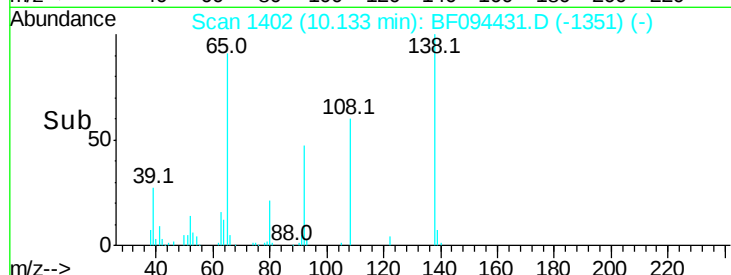
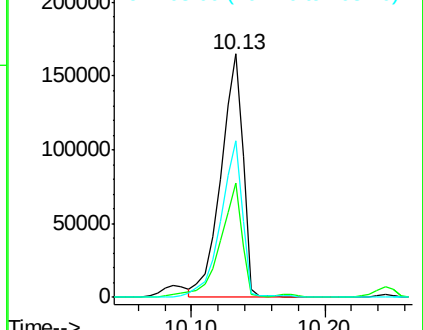
108 64.6 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.77 ng

RT: 10.29 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Tgt Ion: 77 Resp: 743721

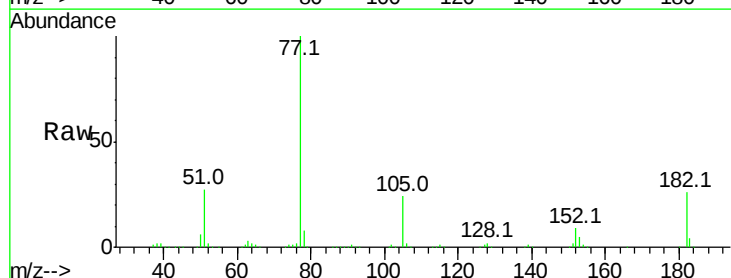
Ion Ratio Lower Upper

77 100

182 26.1 0.1 40.1

105 24.0 3.6 43.6

51 26.9 9.4 49.4

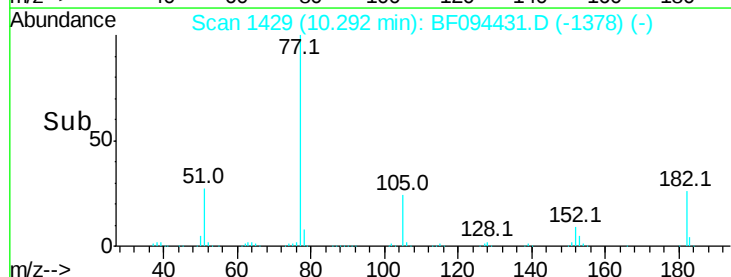
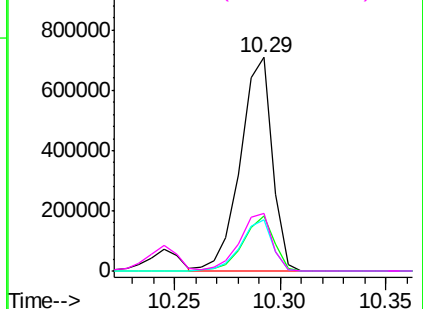


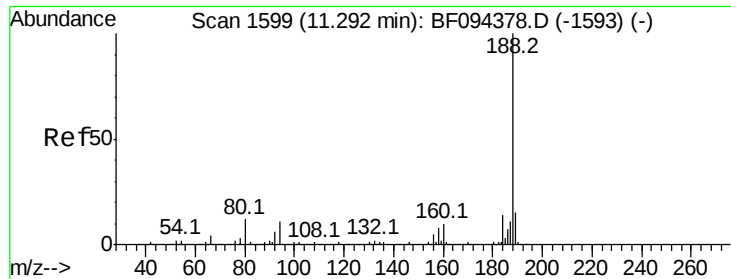
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

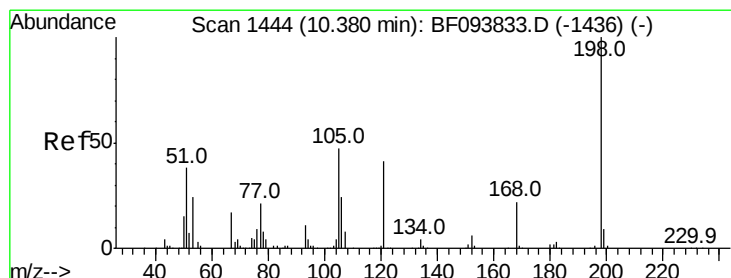
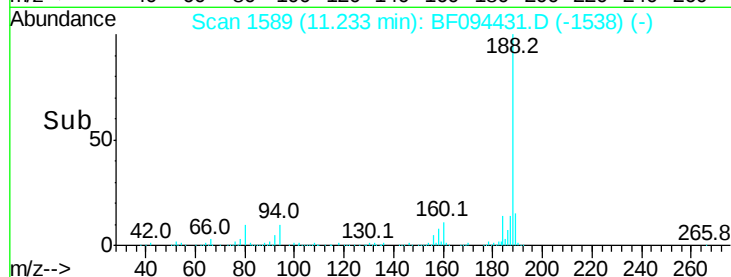
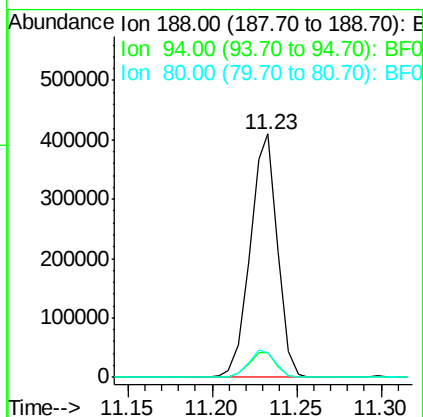
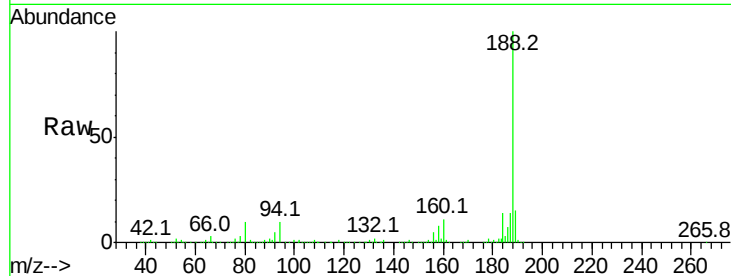




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

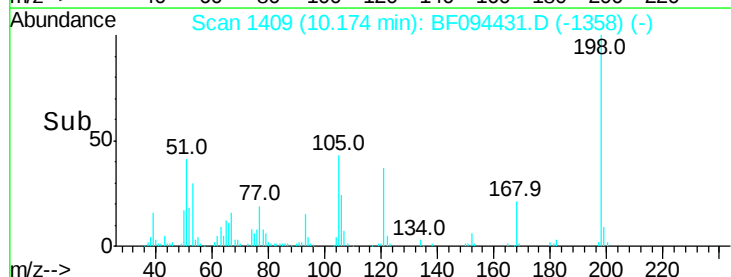
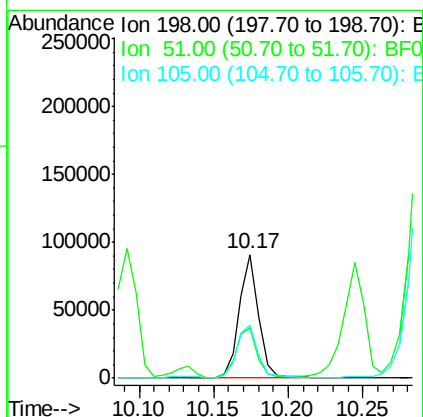
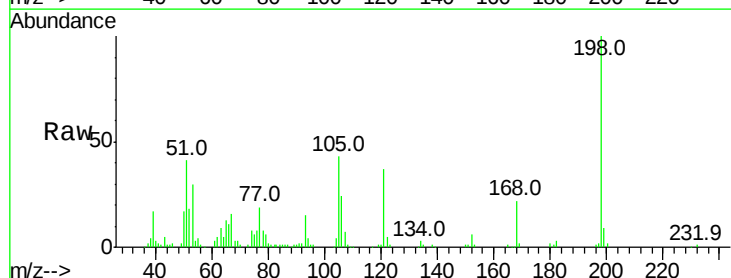
Instrument :
BNA_F
ClientSampleId :

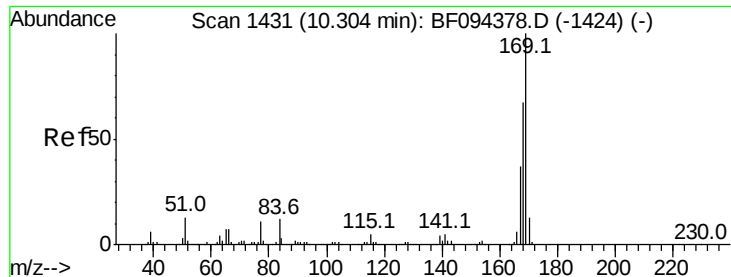
Tot Ion:188 Resp: 459161
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 29.65 ng
RT: 10.17 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:198 Resp: 83366
Ion Ratio Lower Upper
198 100
51 40.6 53.2 93.2#
105 42.8 45.8 85.8#

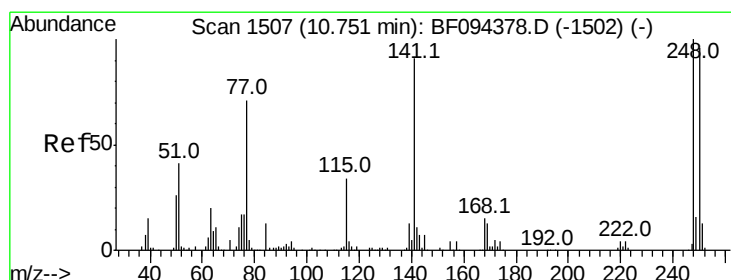
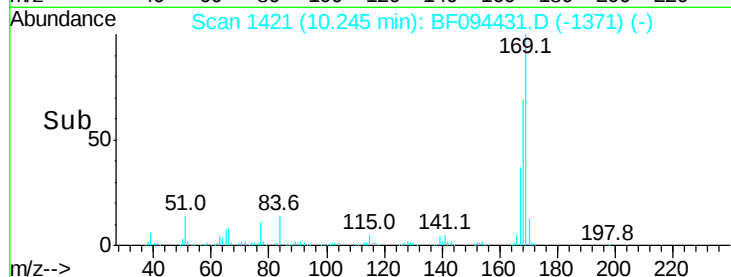
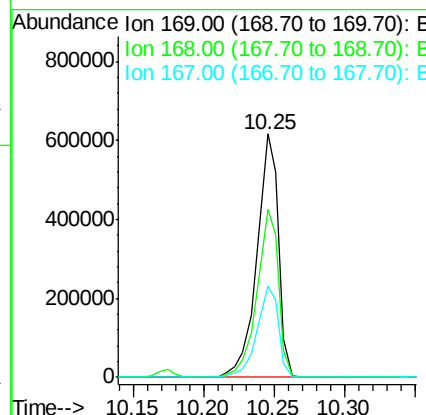
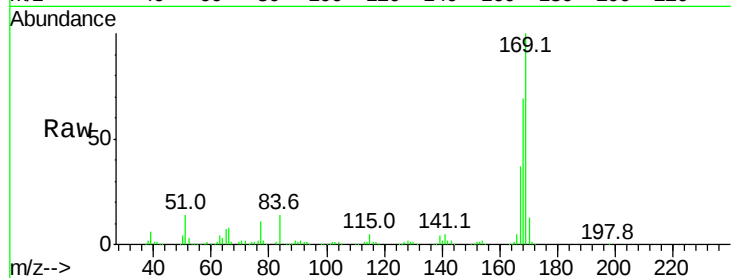




#65
n-Nitrosodiphenylamine
Concen: 41.61 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

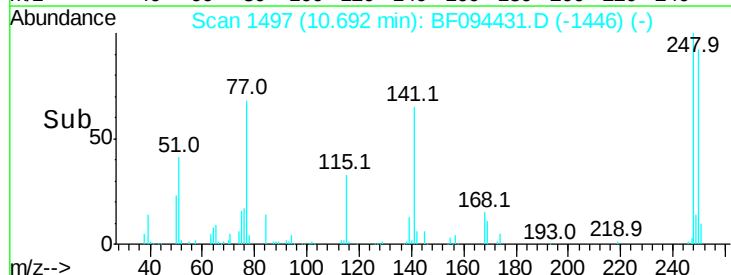
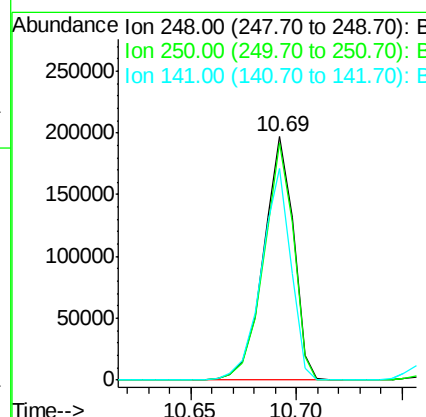
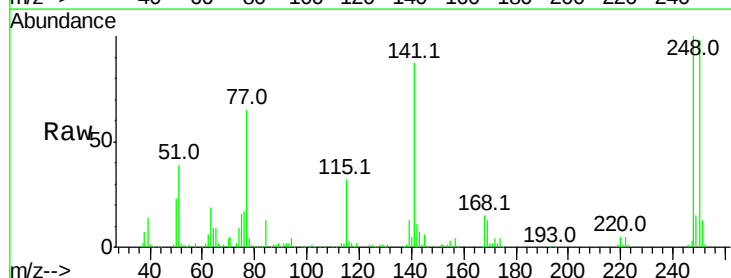
Instrument :
BNA_F
ClientSampleId :

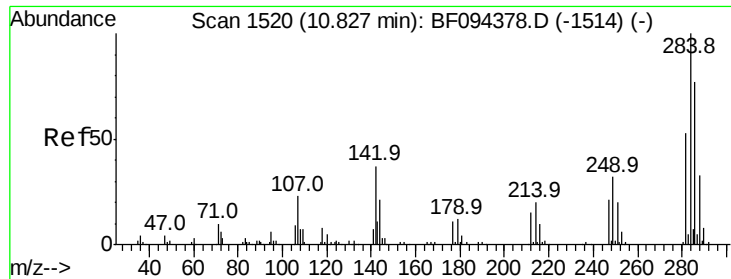
Tot Ion:169 Resp: 660710
Ion Ratio Lower Upper
169 100
168 69.0 53.2 79.8
167 37.4 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 43.25 ng
RT: 10.69 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:248 Resp: 195326
Ion Ratio Lower Upper
248 100
250 97.5 76.8 115.2
141 86.9 68.6 103.0

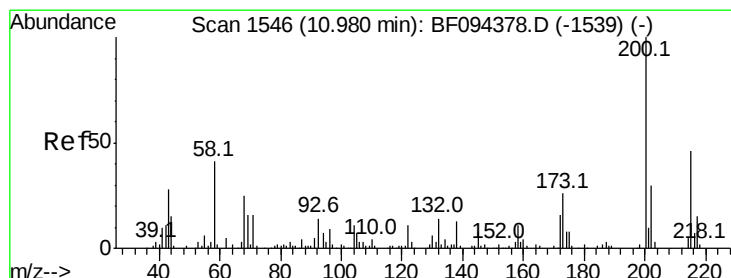
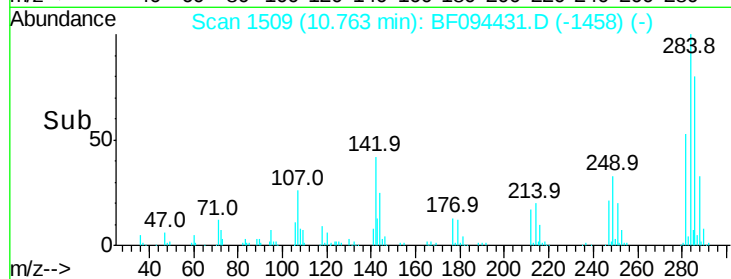
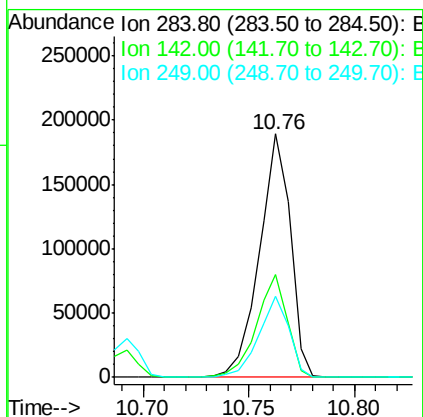
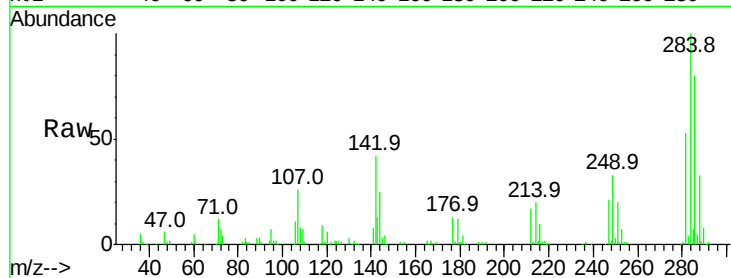




#67
Hexachlorobenzene
Concen: 42.24 ng
RT: 10.76 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

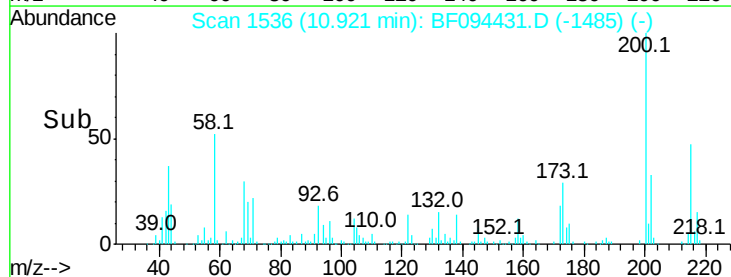
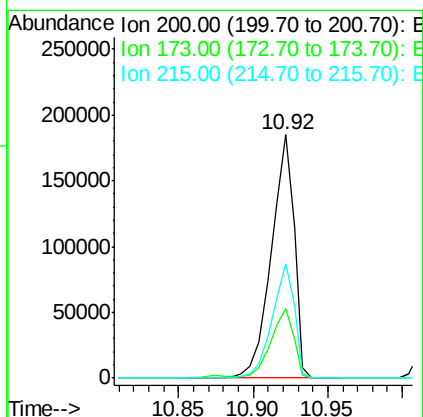
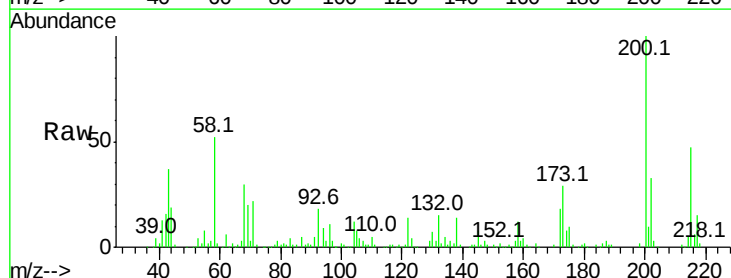
Instrument :
BNA_F
ClientSampled :

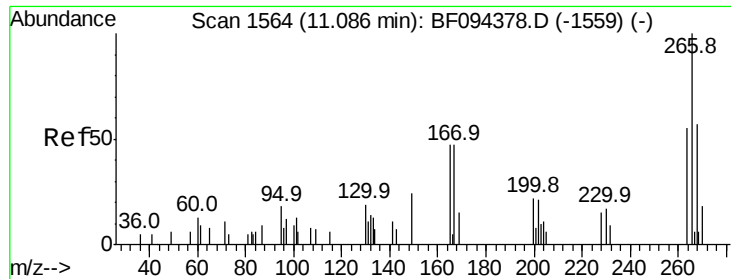
Tot Ion:284 Resp: 193079
Ion Ratio Lower Upper
284 100
142 42.4 22.8 34.2#
249 33.1 24.0 36.0



#68
Atrazine
Concen: 41.33 ng
RT: 10.92 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:200 Resp: 196573
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 46.7 27.2 67.2

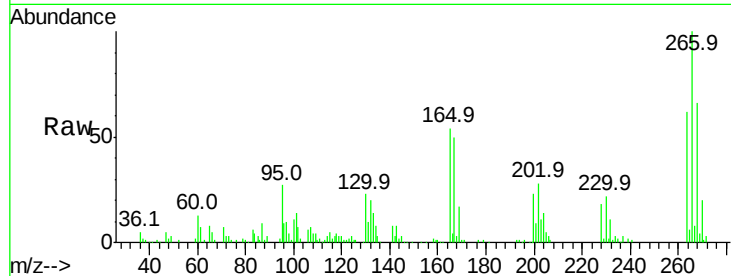




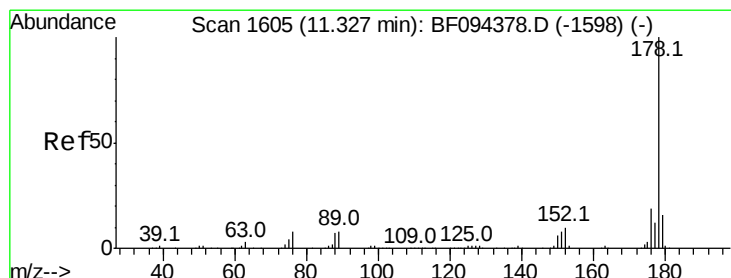
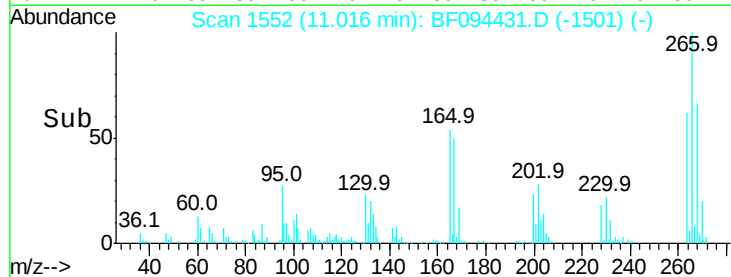
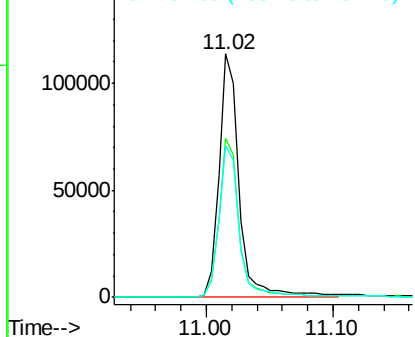
#69
 Pentachlorophenol
 Concen: 44.92 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 127809
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.1 76.7
 264 62.4 51.7 77.5

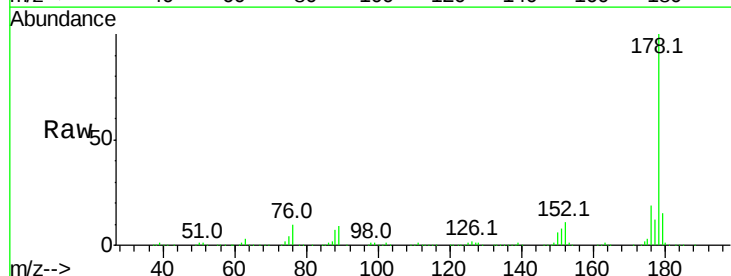


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

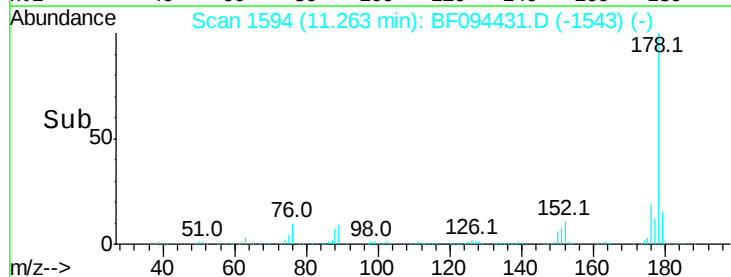
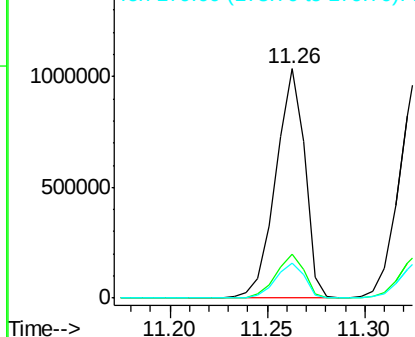


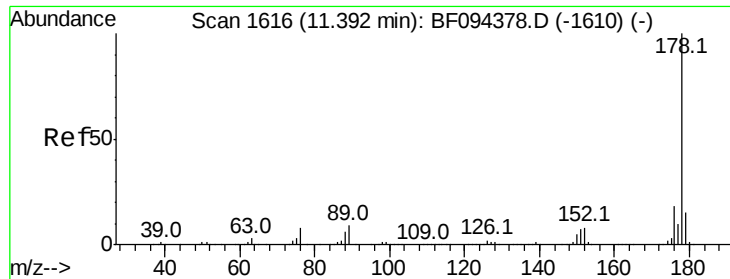
#70
 Phenanthrene
 Concen: 41.83 ng
 RT: 11.26 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:178 Resp: 1068386
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

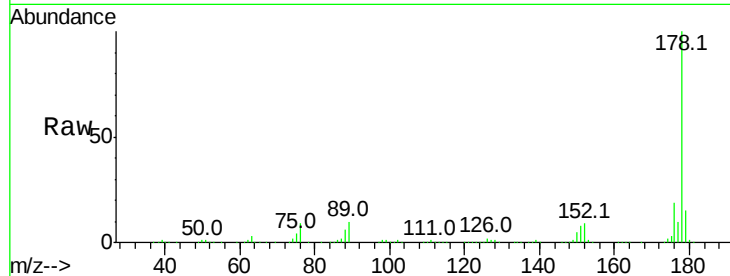




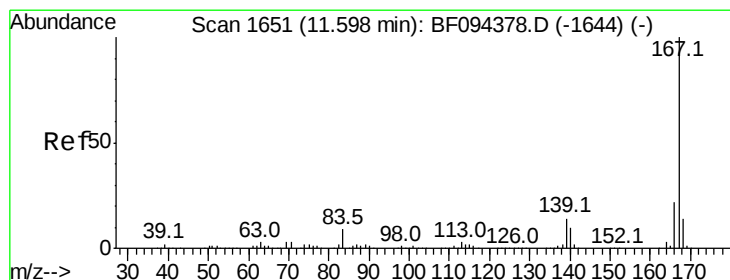
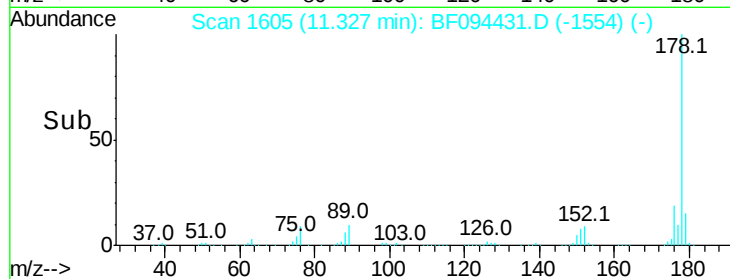
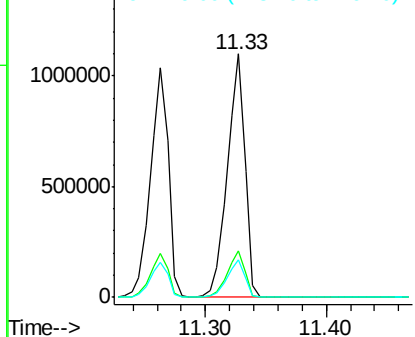
#71
 Anthracene
 Concen: 42.30 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1112343
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.3 12.7 19.1

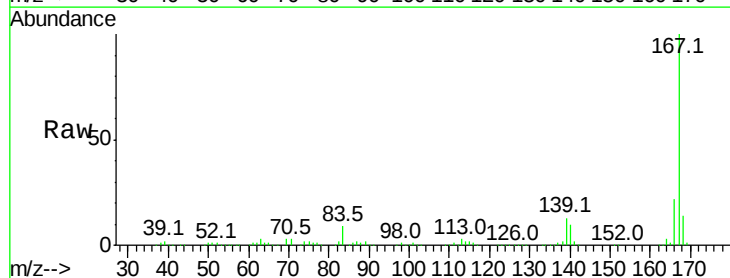


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

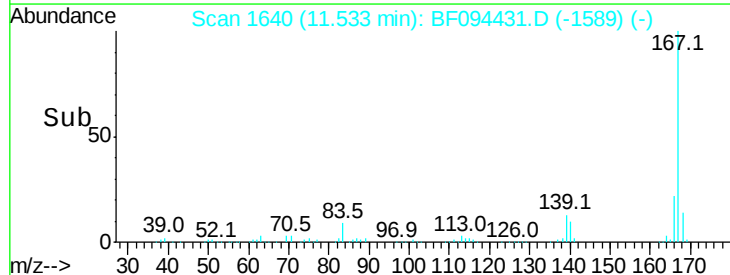
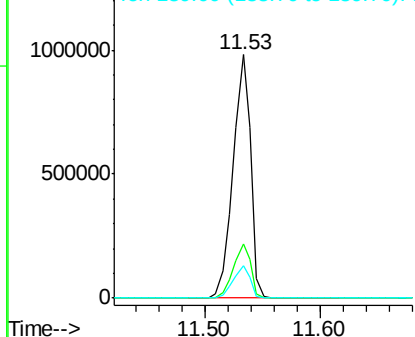


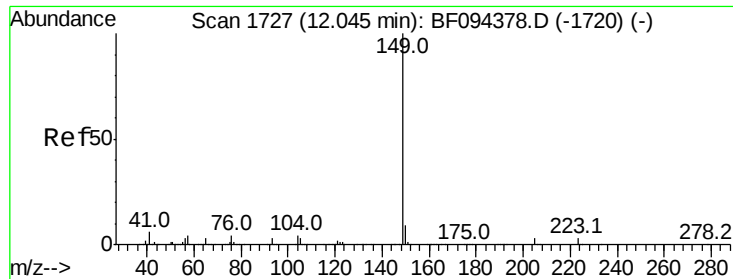
#72
 Carbazole
 Concen: 38.32 ng
 RT: 11.53 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:167 Resp: 1033404
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.5 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

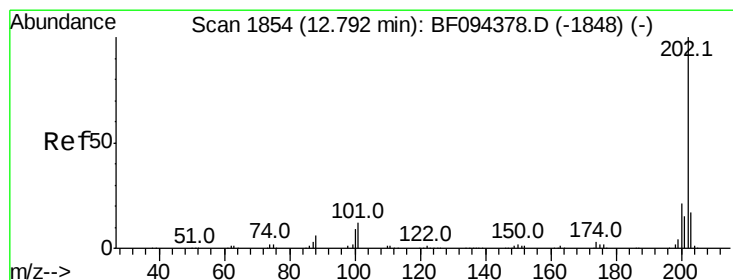
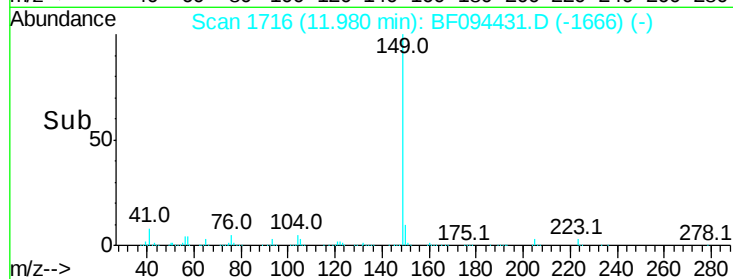
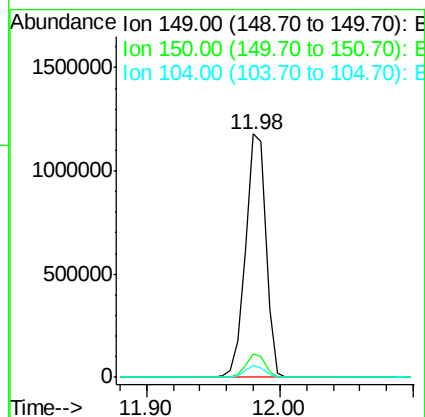
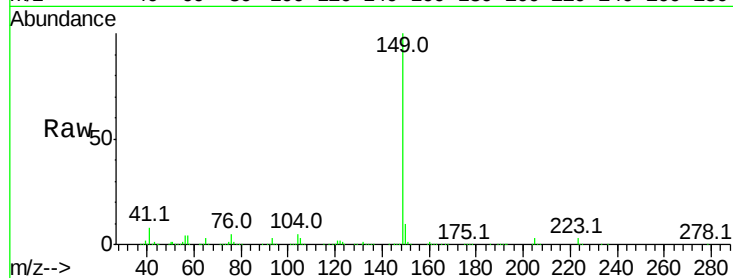




#73
Di-n-butylphthalate
Concen: 44.15 ng
RT: 11.98 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

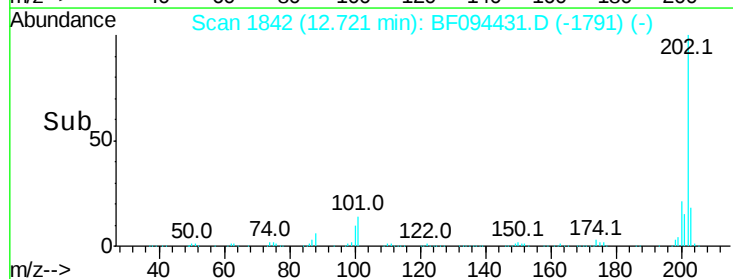
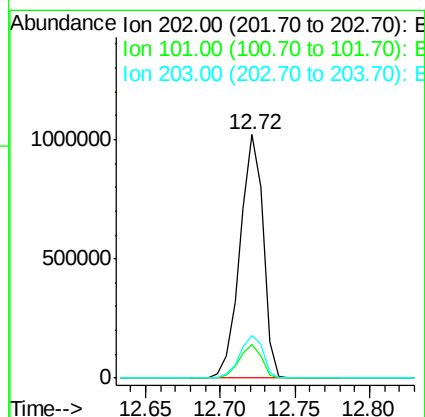
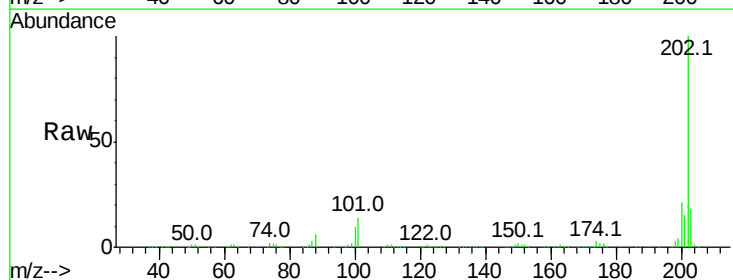
Instrument :
BNA_F
ClientSampleId :

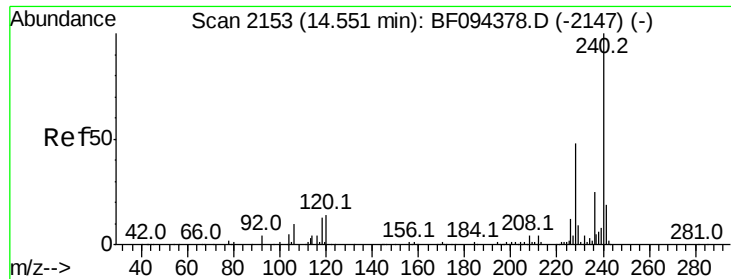
Tot Ion:149 Resp: 1238287
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.7 4.0 6.0



#74
Fluoranthene
Concen: 42.22 ng
RT: 12.72 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:202 Resp: 1104184
Ion Ratio Lower Upper
202 100
101 14.0 0.0 33.2
203 17.5 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: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampled :

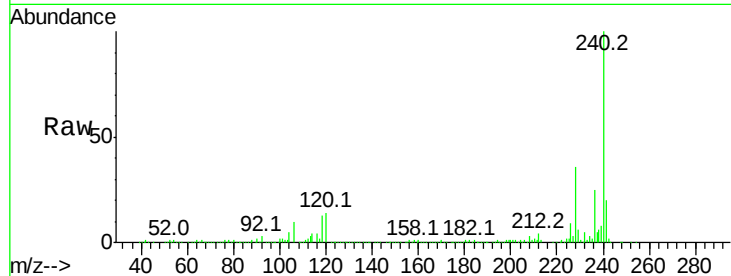
Tot Ion:240 Resp: 362348

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

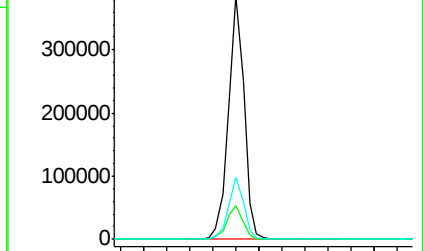
236 25.5 20.5 30.7



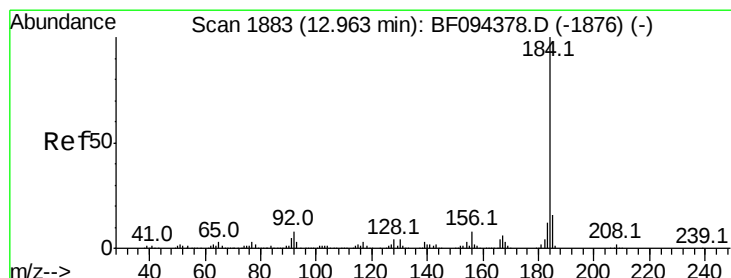
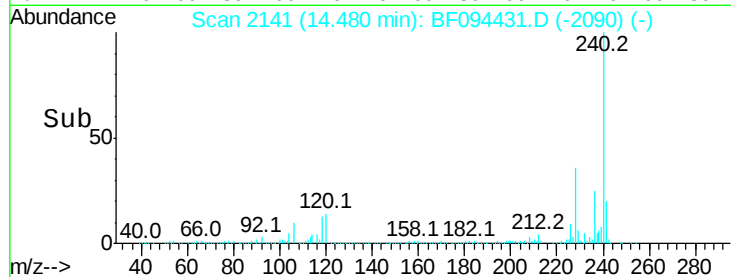
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 20.28 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

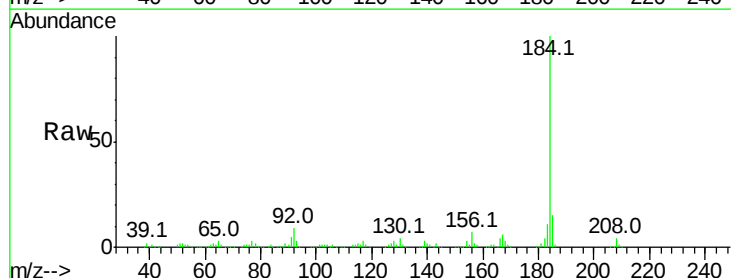
Tgt Ion:184 Resp: 290829

Ion Ratio Lower Upper

184 100

185 14.7 15.5 23.3#

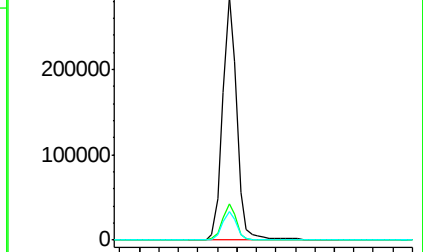
183 11.5 9.8 14.6



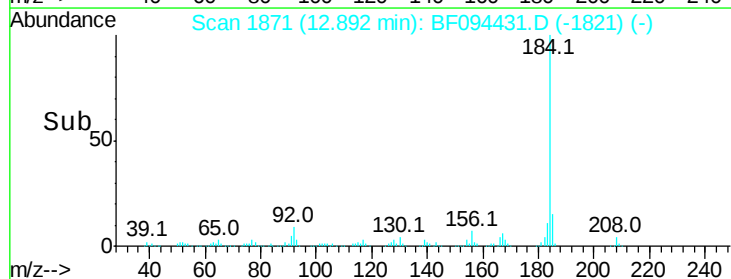
Abundance Ion 184.00 (183.70 to 184.70): E

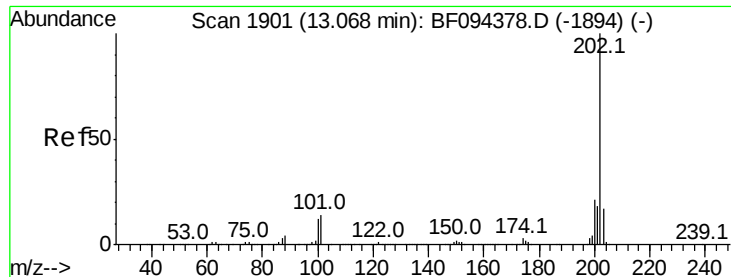
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

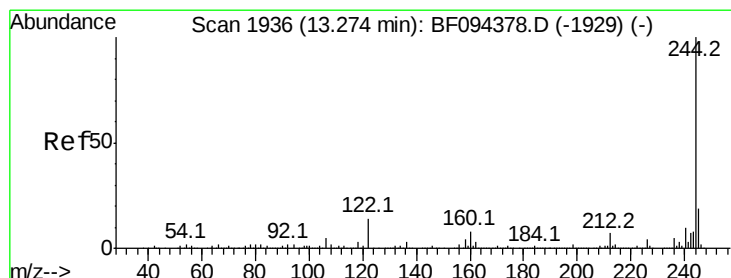
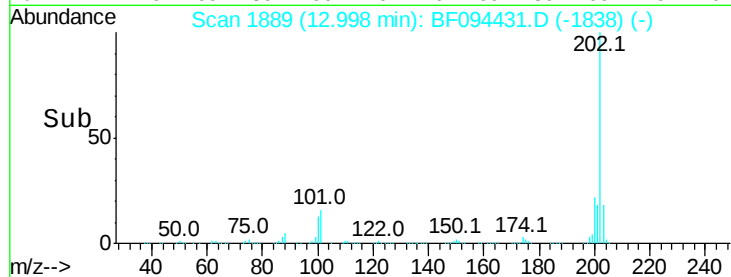
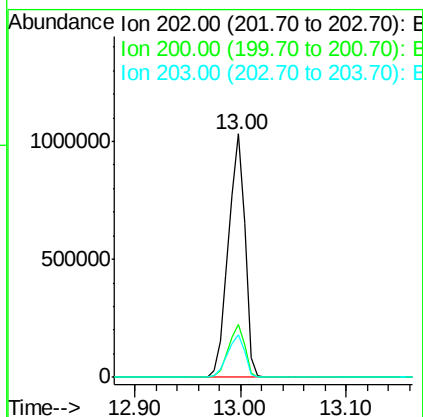
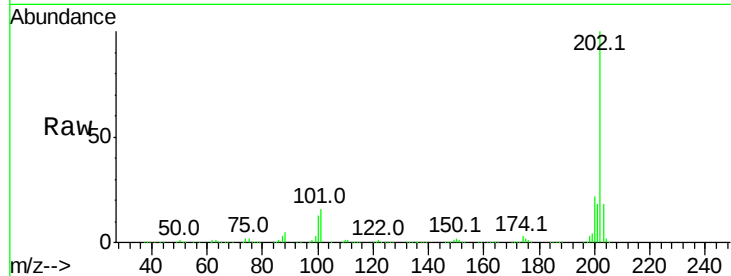




#77
Pvrene
Concen: 42.62 ng
RT: 13.00 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

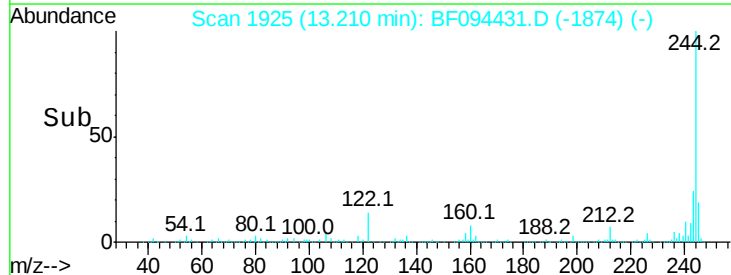
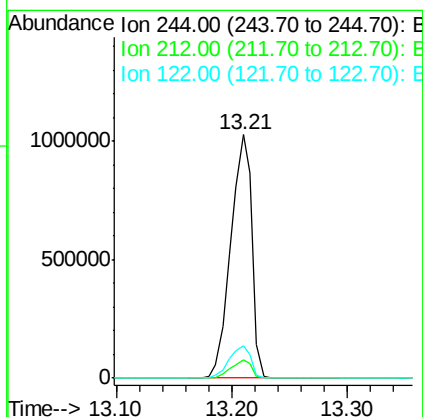
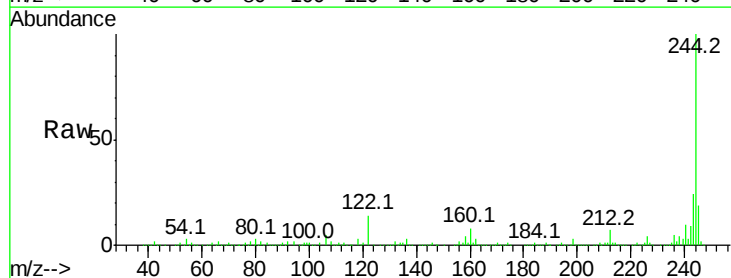
Instrument :
BNA_F
ClientSampleId :

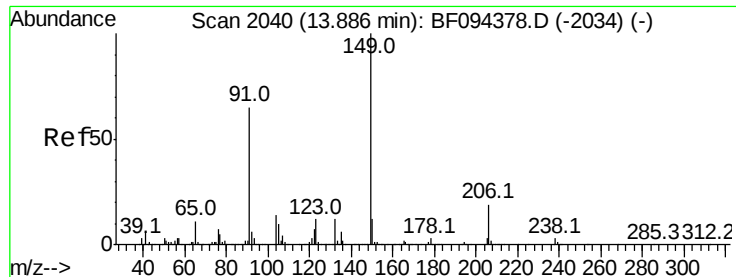
Tot Ion:202 Resp: 1120687
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 79.91 ng
RT: 13.21 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:244 Resp: 1291803
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 13.5 10.3 15.5

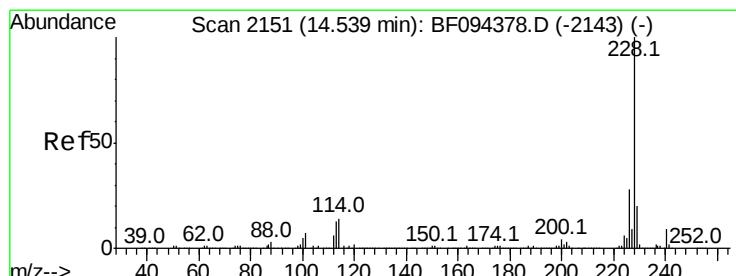
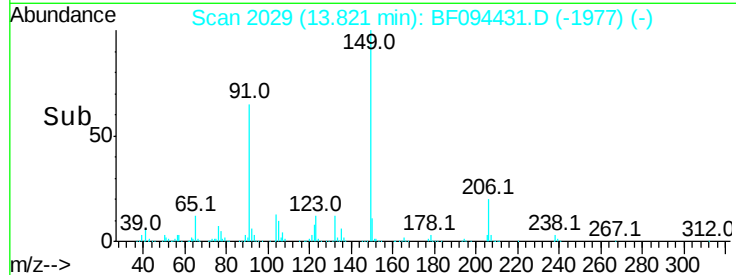
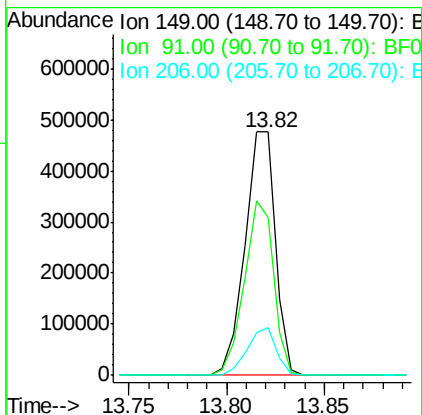
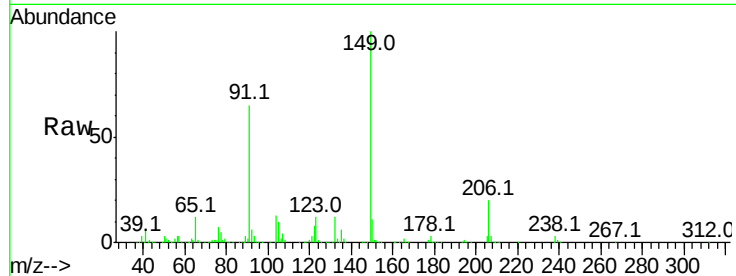




#79
 Butylbenzylphthalate
 Concen: 46.07 ng
 RT: 13.82 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

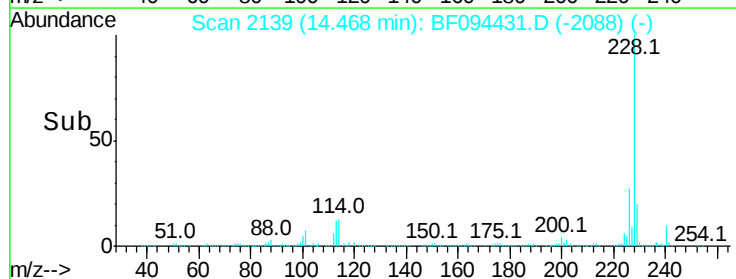
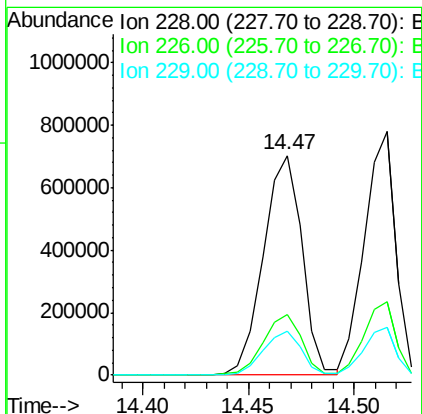
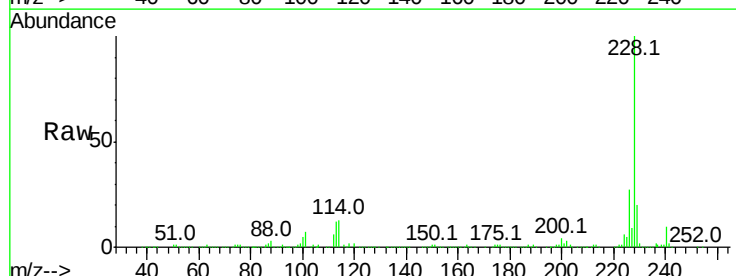
Instrument :
 BNA_F
 ClientSampleId :

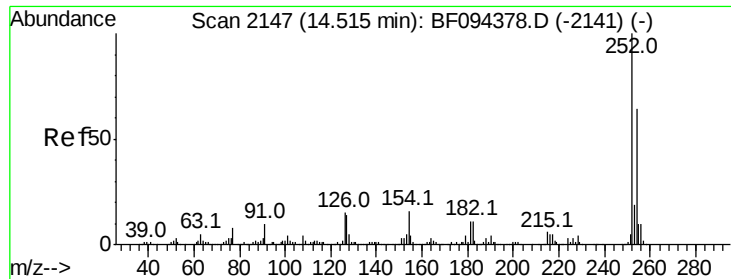
Tot Ion:	149	Resp:	516196
Ion	Ratio	Lower	Upper
149	100		
91	64.9	45.0	67.4
206	19.9	17.0	25.6



#80
 Benzo(a)anthracene
 Concen: 42.50 ng
 RT: 14.47 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:	228	Resp:	898088
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.8	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 26.57 ng

RT: 14.44 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

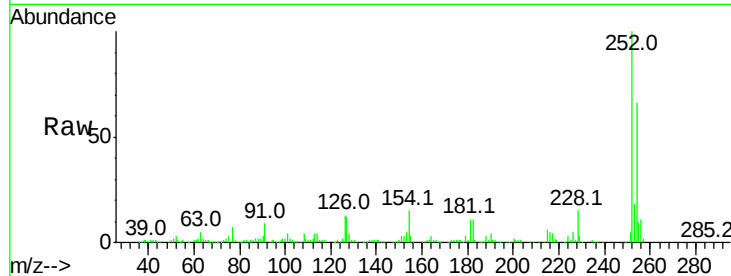
Tot Ion:252 Resp: 200664

Ion Ratio Lower Upper

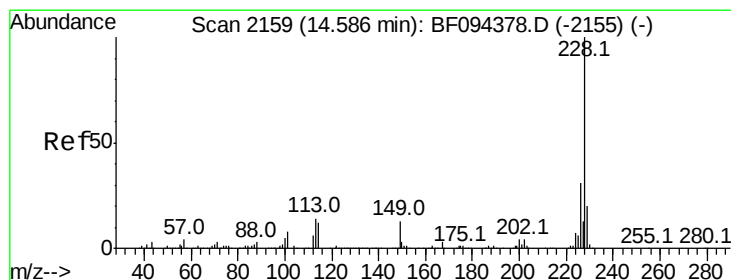
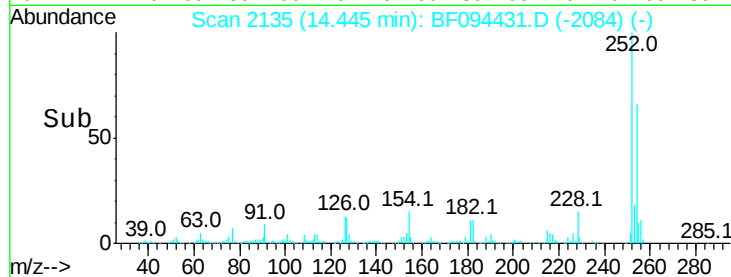
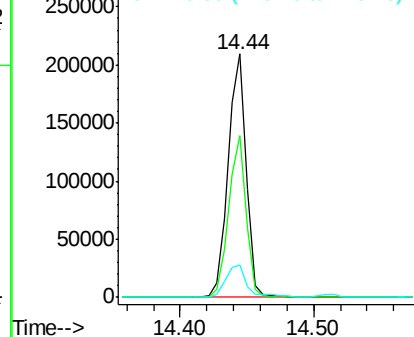
252 100

254 66.2 51.5 77.3

126 13.5 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: 40.89 ng

RT: 14.52 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

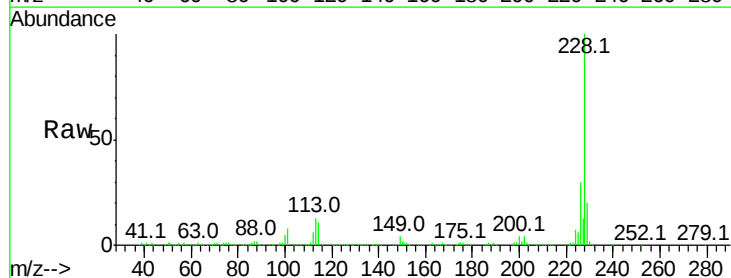
Tgt Ion:228 Resp: 801792

Ion Ratio Lower Upper

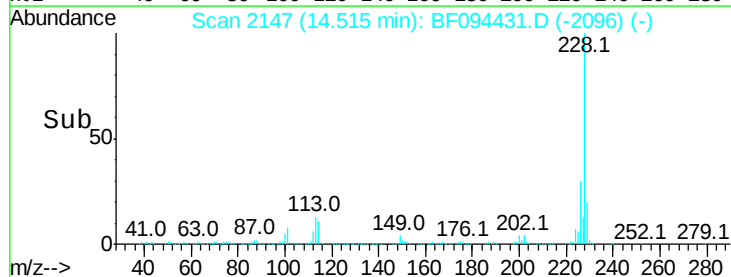
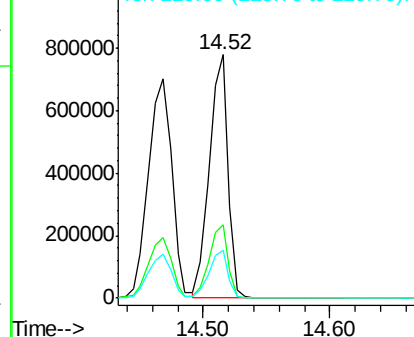
228 100

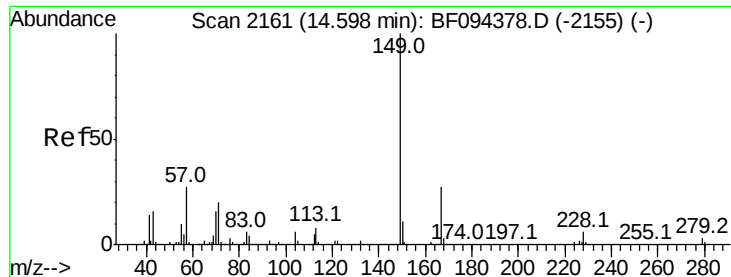
226 30.3 24.9 37.3

229 19.7 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

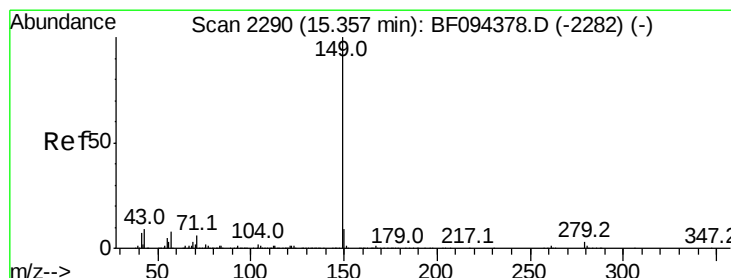
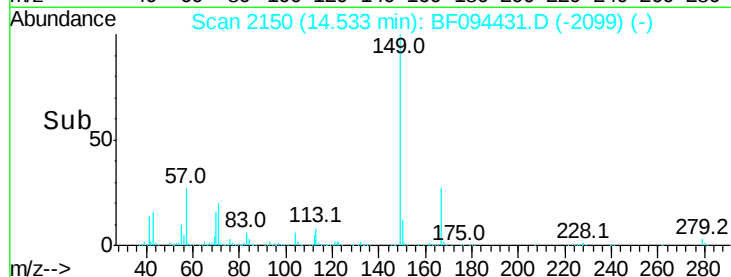
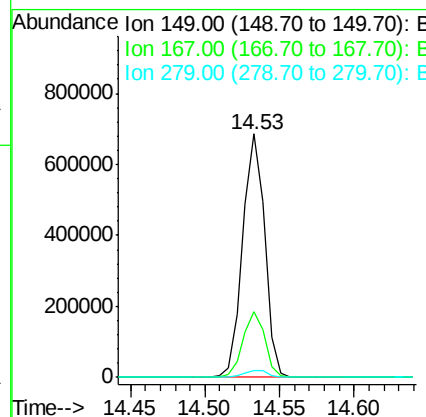
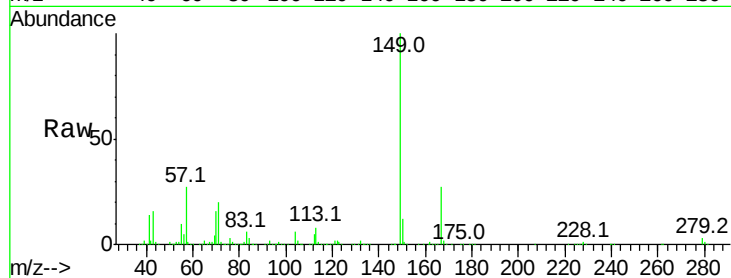




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.44 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

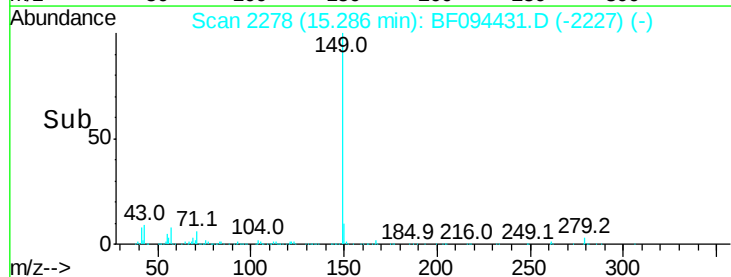
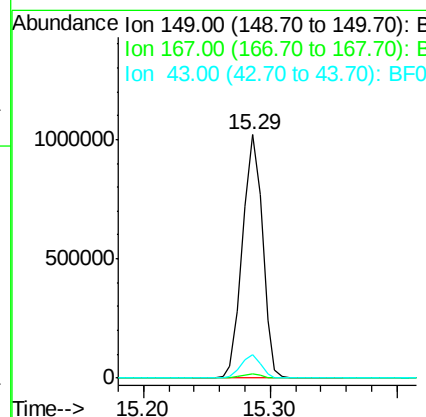
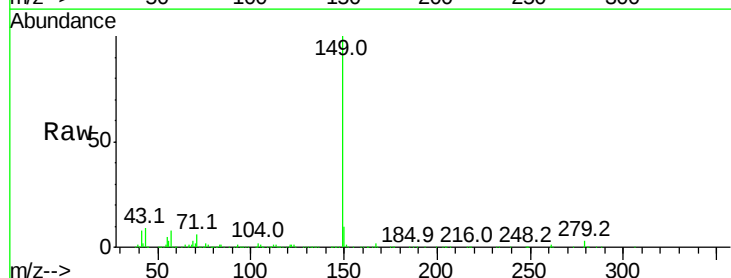
Instrument :
 BNA_F
 ClientSampleId :

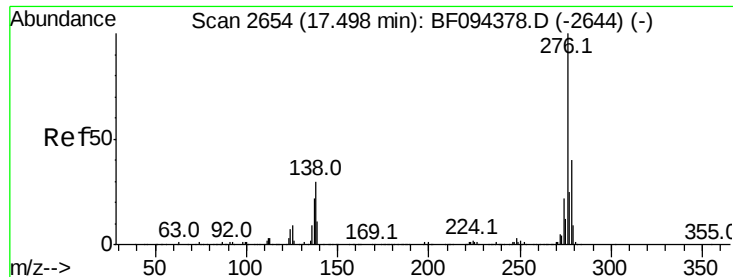
Tot Ion:149 Resp: 709973
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 43.40 ng
 RT: 15.29 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:149 Resp: 1108313
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.4 8.5 12.7

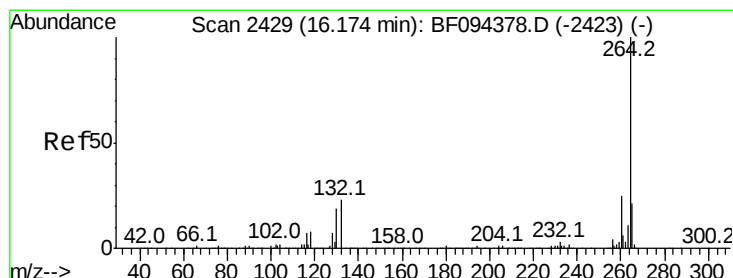
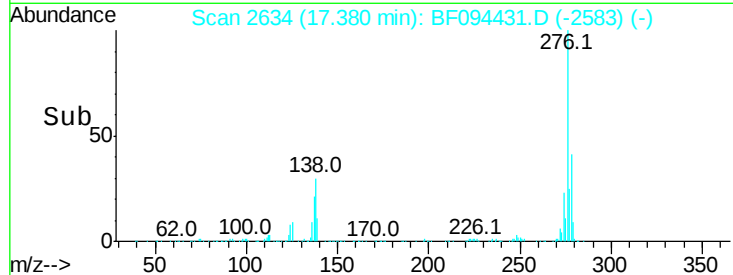
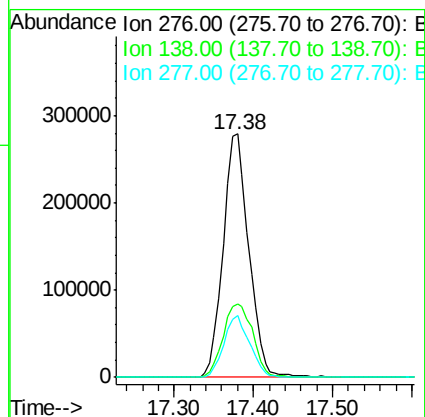
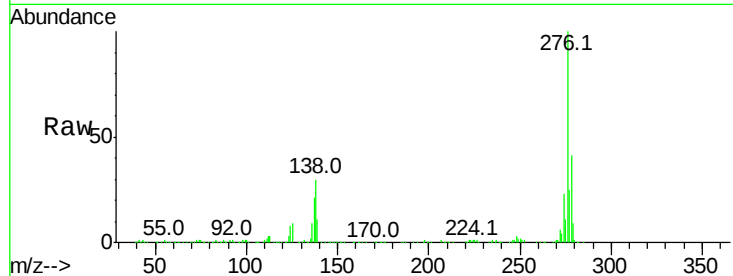




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.91 ng
 RT: 17.38 min Scan# 2634
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

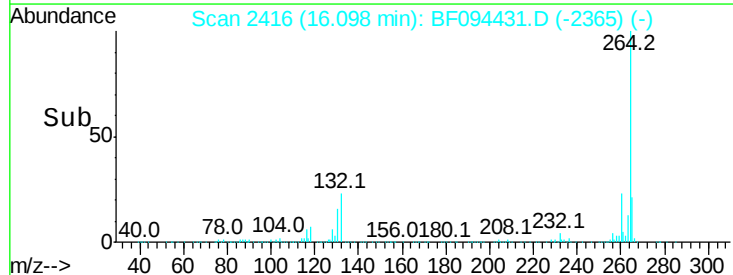
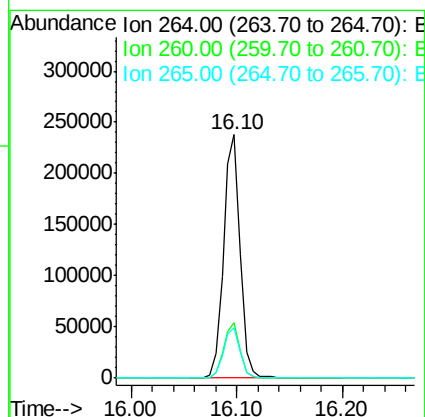
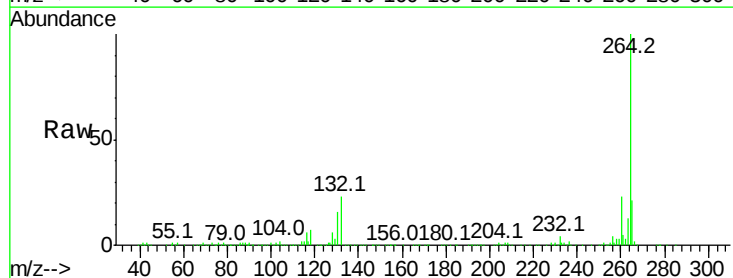
Instrument :
 BNA_F
 ClientSampleId :

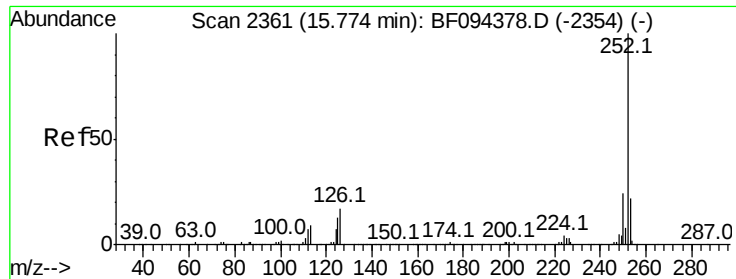
Tot Ion:276 Resp: 626749
 Ion Ratio Lower Upper
 276 100
 138 34.8 27.8 41.6
 277 25.5 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:264 Resp: 259393
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.9 17.2 25.8

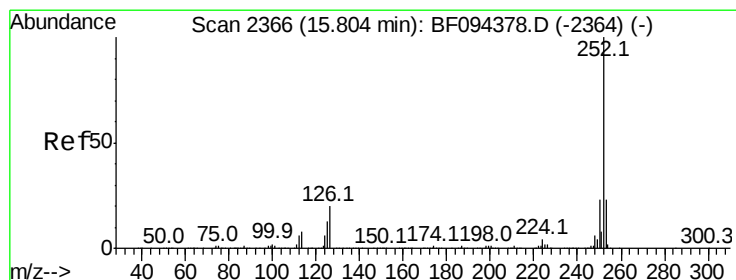
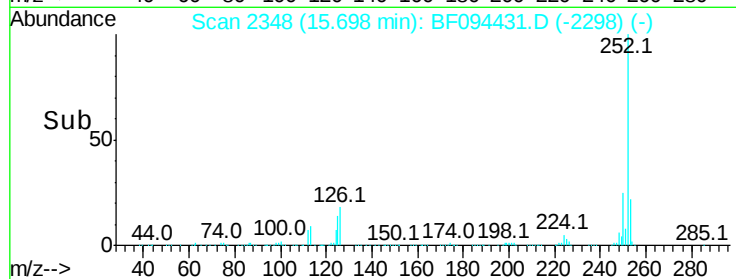
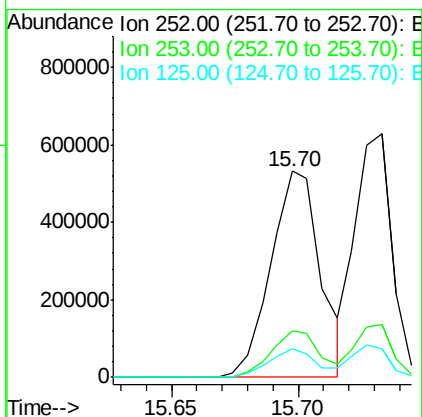
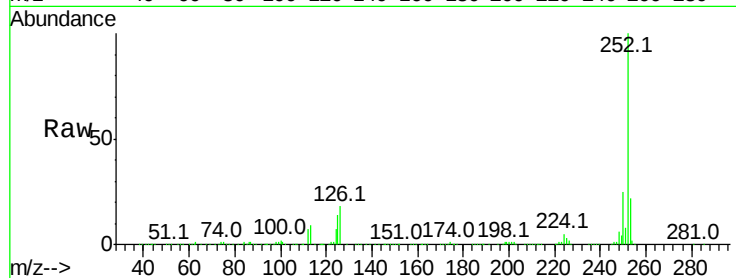




#87
Benzo(b)fluoranthene
Concen: 45.80 ng
RT: 15.70 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

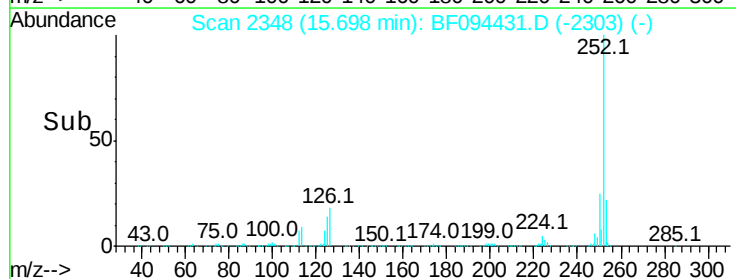
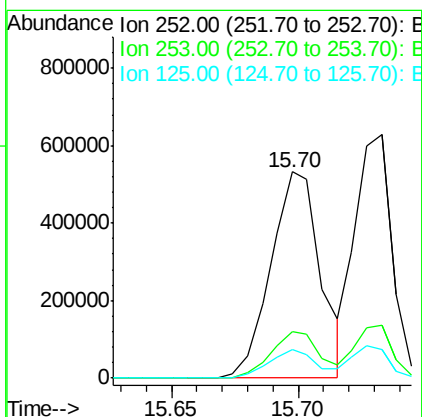
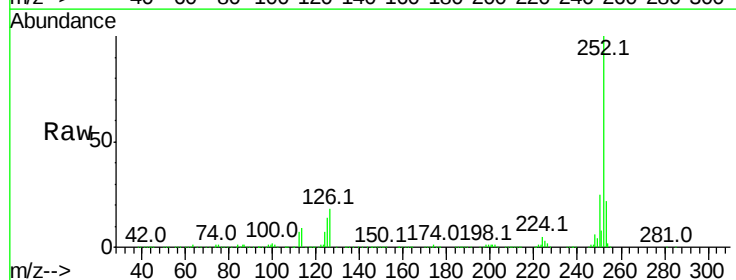
Instrument :
BNA_F
ClientSampleId :

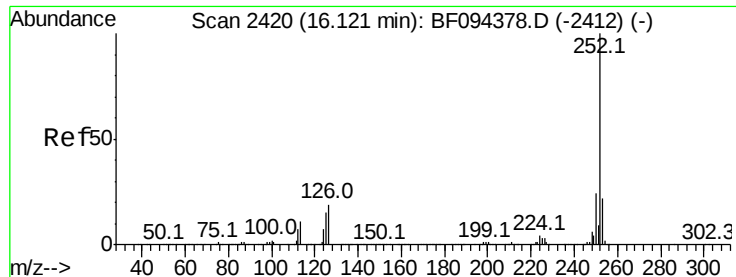
Tot Ion:252 Resp: 728272
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 13.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 46.81 ng
RT: 15.70 min Scan# 2348
Delta R.T. -0.04 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:252 Resp: 728272
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 13.7 13.1 19.7





#89

Benzo(a)pyrene

Concen: 43.15 ng

RT: 16.04 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

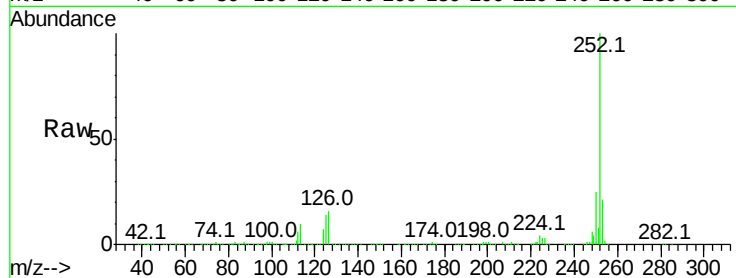
Tot Ion:252 Resp: 631764

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

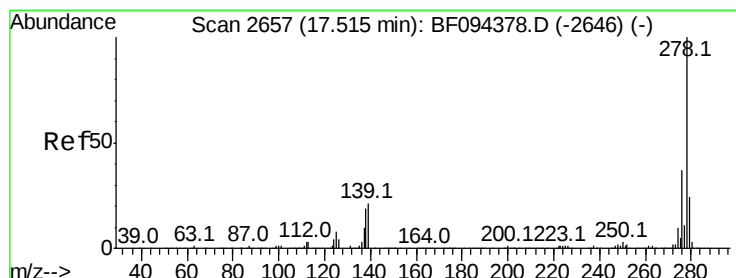
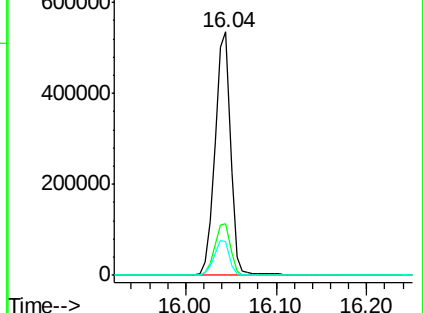
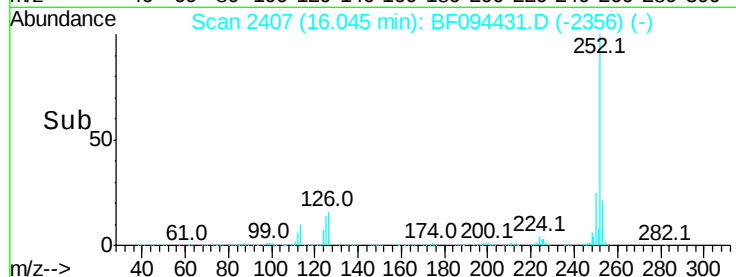
125 13.7 11.0 16.4



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: 41.97 ng

RT: 17.40 min Scan# 2637

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

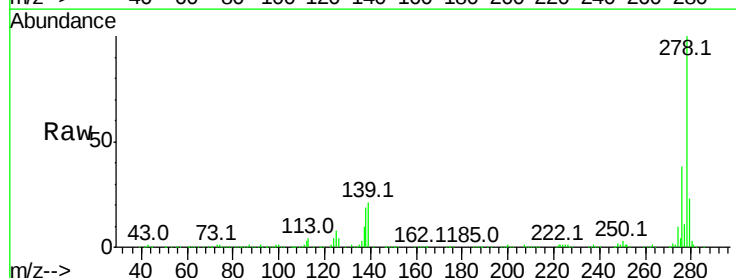
Tgt Ion:278 Resp: 520426

Ion Ratio Lower Upper

278 100

139 21.5 16.6 24.8

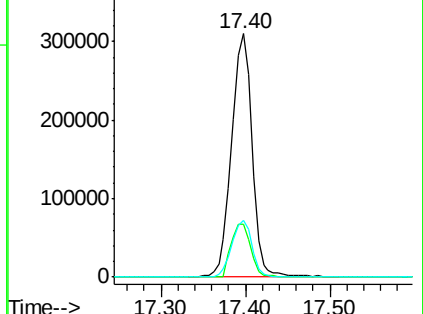
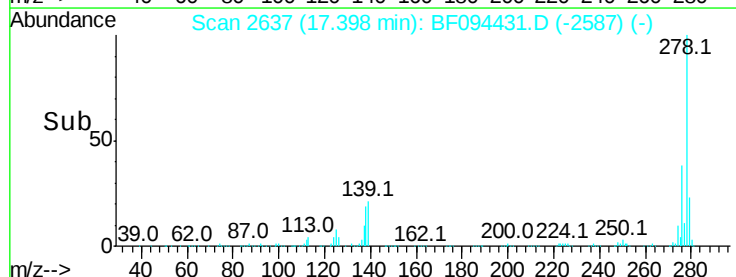
279 23.5 19.3 28.9

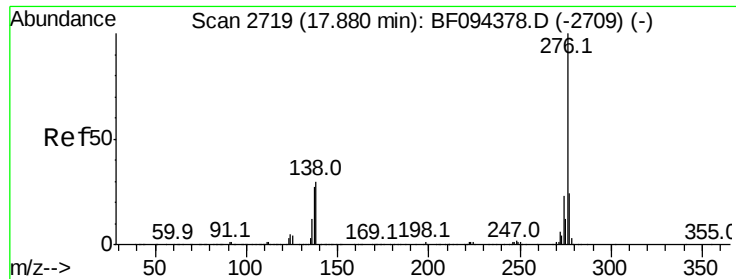


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.60 ng
 RT: 17.76 min Scan# 2698
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	30.3	25.4	38.0

