

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094490.D
 Acq On : 18 Apr 2017 16:50
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:12:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	114432	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	489350	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	217632	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	417940	20.00	ng	0.00
75) Chrysene-d12	14.47	240	381902	20.00	ng	0.00
86) Perylene-d12	16.09	264	338563	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.32	112	600649	87.08	ng	0.01
7) Phenol-d6	5.40	99	681442	83.80	ng	0.00
23) Nitrobenzene-d5	6.42	82	634777	80.10	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	150265	88.27	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1175357	79.46	ng	0.00
78) Terphenyl-d14	13.20	244	1091645	76.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	174015	43.38	ng	97
3) Pyridine	2.61	79	388365	44.30	ng	98
4) n-Nitrosodimethylamine	2.57	42	150495	41.49	ng	85
6) Aniline	5.40	93	448460	41.50	ng	90
8) 2-Chlorophenol	5.54	128	336233	42.84	ng	95
9) Benzaldehyde	5.27	77	240328	38.85	ng	97
10) Phenol	5.41	94	420843	42.13	ng	95
11) bis(2-Chloroethyl)ether	5.48	93	312149	42.78	ng	96
12) 1,3-Dichlorobenzene	5.71	146	373543	42.96	ng	99
13) 1,4-Dichlorobenzene	5.79	146	365758	41.81	ng	96
14) 1,2-Dichlorobenzene	5.97	146	337935	41.94	ng	97
15) Benzyl Alcohol	5.95	79	243730	40.41	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	419317	43.83	ng	77
17) 2-Methylphenol	6.10	107	264965	42.86	ng	94
18) Hexachloroethane	6.35	117	131726	43.92	ng	# 84
19) n-Nitroso-di-n-propylamine	6.26	70	233095	43.26	ng	96
20) 3+4-Methylphenols	6.28	107	367271	43.72	ng	# 63
22) Acetophenone	6.25	105	470208	39.52	ng	# 86
24) Nitrobenzene	6.44	77	338714	40.59	ng	96
25) Isophorone	6.74	82	589453	40.12	ng	95
26) 2-Nitrophenol	6.82	139	186797	41.66	ng	99
27) 2,4-Dimethylphenol	6.90	122	292010	40.10	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	386485	40.67	ng	99
29) 2,4-Dichlorophenol	7.12	162	274092	40.46	ng	98
30) 1,2,4-Trichlorobenzene	7.21	180	280970	40.11	ng	98
31) Naphthalene	7.30	128	931663	39.60	ng	100
32) Benzoic acid	7.07	122	158128	41.06	ng	98
33) 4-Chloroaniline	7.37	127	402940	41.17	ng	94
34) Hexachlorobutadiene	7.45	225	142501	40.81	ng	98
35) Caprolactam	7.82	113	71056	33.39	ng	95
36) 4-Chloro-3-methylphenol	7.99	107	272046	38.32	ng	90
37) 2-Methylnaphthalene	8.14	142	641139	39.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	256716	41.42	ng	98
40) Hexachlorocyclopentadiene	8.33	237	114331	45.60	ng	98

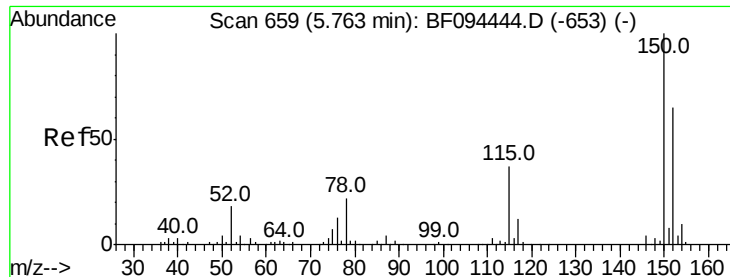
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094490.D
 Acq On : 18 Apr 2017 16:50
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:12:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	172490	39.63	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	177431	39.70	nq	# 91
45) 1,1'-Biphenyl	8.71	154	692024	38.92	nq	98
46) 2-Chloronaphthalene	8.72	162	556442	39.36	nq	95
47) 2-Nitroaniline	8.86	65	162521	39.96	nq	# 85
48) Acenaphthylene	9.23	152	877857	39.83	nq	99
49) Dimethylphthalate	9.10	163	681101	41.99	nq	99
50) 2,6-Dinitrotoluene	9.17	165	153183	42.08	nq	# 89
51) Acenaphthene	9.44	154	533878	40.44	nq	98
52) 3-Nitroaniline	9.37	138	176249	41.85	nq	87
53) 2,4-Dinitrophenol	9.51	184	73855	40.46	nq	# 66
54) Dibenzofuran	9.65	168	787812	41.06	nq	99
55) 4-Nitrophenol	9.62	139	119456	40.15	nq	# 79
56) 2,4-Dinitrotoluene	9.66	165	196548	44.00	nq	# 69
57) Fluorene	10.08	166	624705	41.81	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	139217	43.46	nq	96
59) Diethylphthalate	9.97	149	634859	41.49	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	267877	43.08	nq	93
61) 4-Nitroaniline	10.12	138	166317	38.84	nq	97
62) Azobenzene	10.28	77	641124	43.15	nq	97
64) 4,6-Dinitro-2-methylphenol	10.17	198	114314	41.75	nq	# 68
65) n-Nitrosodiphenylamine	10.24	169	553404	38.07	nq	97
66) 4-Bromophenyl-phenylether	10.68	248	163204	39.33	nq	96
67) Hexachlorobenzene	10.75	284	164980	39.45	nq	# 90
68) Atrazine	10.91	200	178899	41.14	nq	97
69) Pentachlorophenol	11.00	266	77746	46.82	nq	96
70) Phenanthrene	11.25	178	938432	39.87	nq	97
71) Anthracene	11.31	178	971086	39.89	nq	99
72) Carbazole	11.52	167	920311	40.28	nq	97
73) Di-n-butylphthalate	11.97	149	1027849	40.85	nq	99
74) Fluoranthene	12.71	202	1004300	41.17	nq	98
76) Benzidine	12.89	184	596674	38.59	nq	96
77) Pyrene	12.98	202	1027273	38.50	nq	100
79) Butylbenzylphthalate	13.81	149	489387	41.85	nq	# 84
80) Benzo(a)anthracene	14.46	228	882309	39.75	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	311467	39.64	nq	# 96
82) Chrysene	14.51	228	809143	39.89	nq	100
83) Bis(2-ethylhexyl)phthalate	14.52	149	688623	43.86	nq	100
84) Di-n-octyl phthalate	15.28	149	1170023	44.43	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	743940	38.54	nq	100
87) Benzo(b)fluoranthene	15.69	252	835422	40.34	nq	99
88) Benzo(k)fluoranthene	15.72	252	767411	39.15	nq	95
89) Benzo(a)pyrene	16.04	252	759314	39.41	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	619642	38.73	nq	97
91) Benzo(g,h,i)perylene	17.74	276	584447	35.88	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

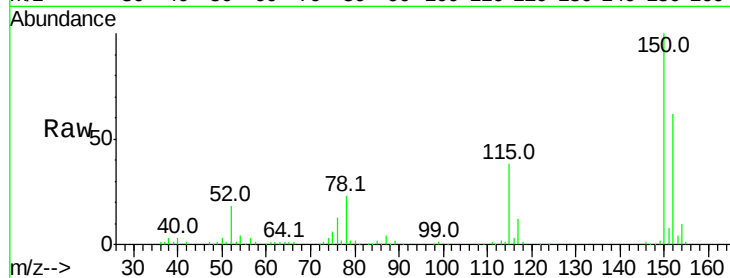
Tot Ion:152 Resp: 114432

Ion Ratio Lower Upper

152 100

150 160.7 126.2 189.2

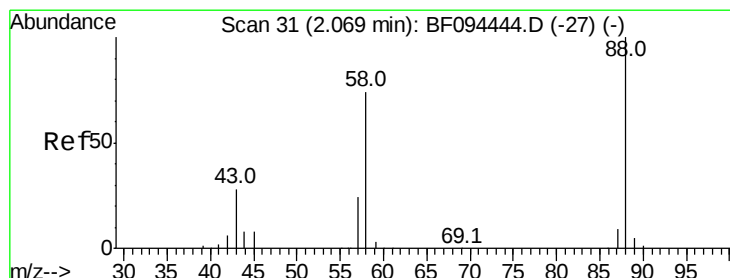
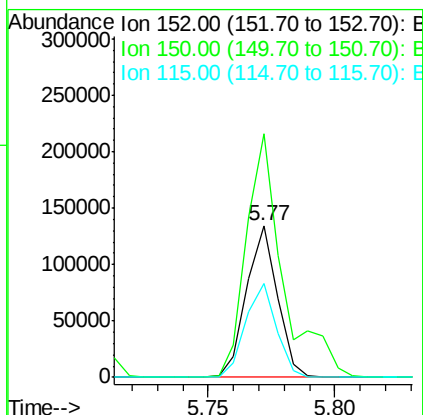
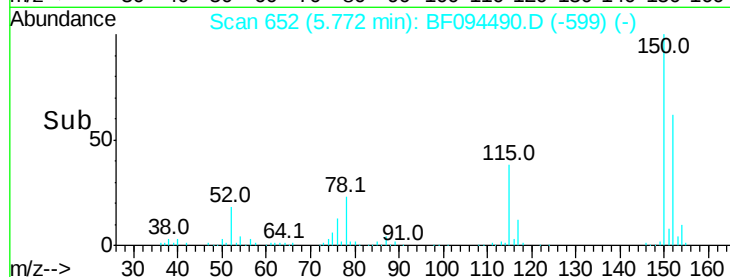
115 61.8 52.2 78.2



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: 43.38 ng

RT: 2.09 min Scan# 26

Delta R.T. 0.02 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

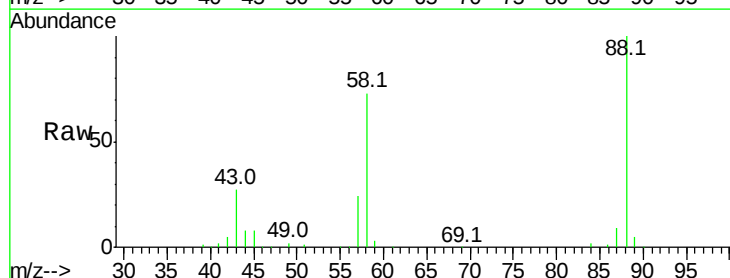
Tgt Ion: 88 Resp: 174015

Ion Ratio Lower Upper

88 100

58 73.6 61.4 92.0

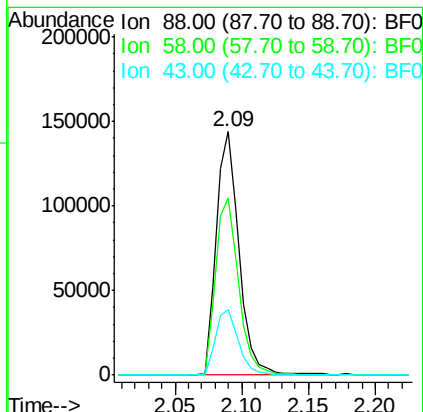
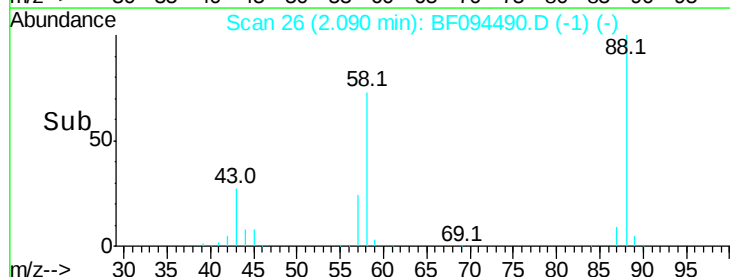
43 27.5 23.4 35.0

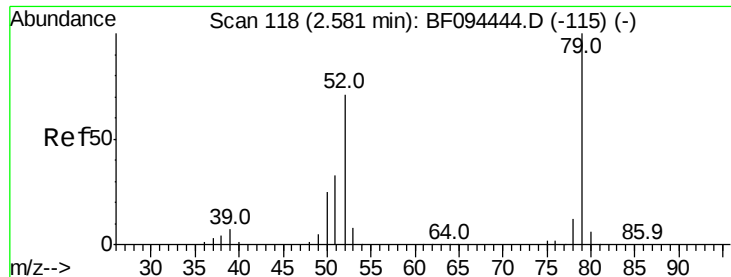


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.30 ng

RT: 2.61 min Scan# 114

Delta R.T. 0.03 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

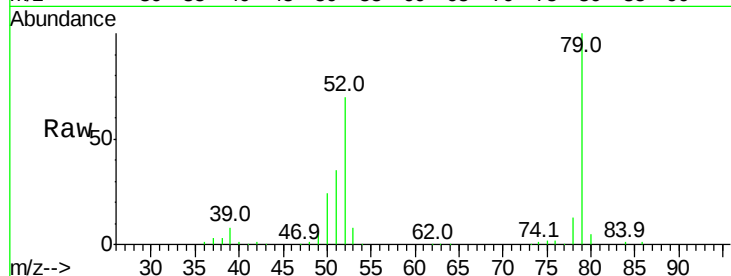
Tot Ion: 79 Resp: 388365

Ion Ratio Lower Upper

79 100

52 70.4 54.8 82.2

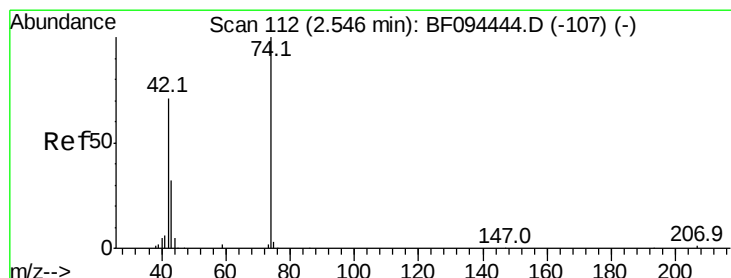
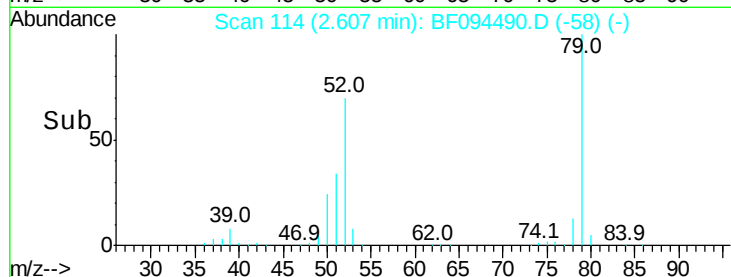
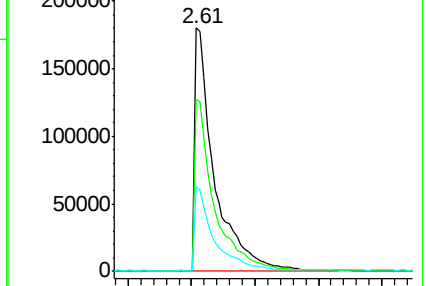
51 34.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.49 ng

RT: 2.57 min Scan# 107

Delta R.T. 0.02 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

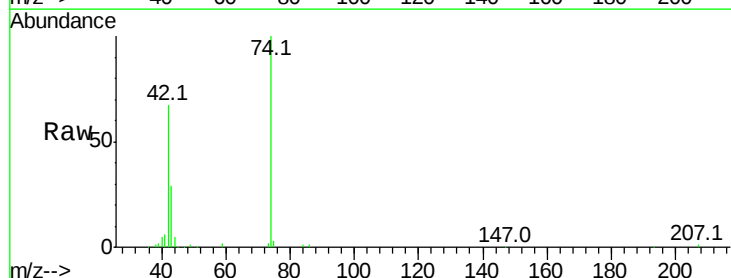
Tgt Ion: 42 Resp: 150495

Ion Ratio Lower Upper

42 100

74 148.6 103.9 155.9

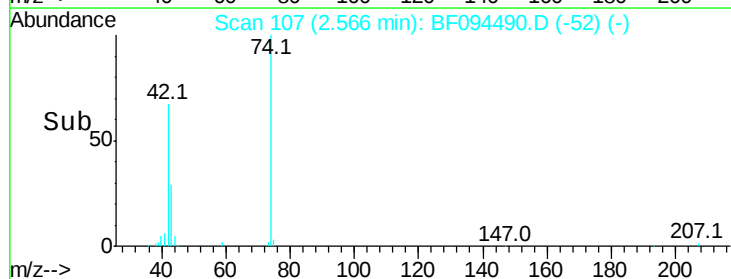
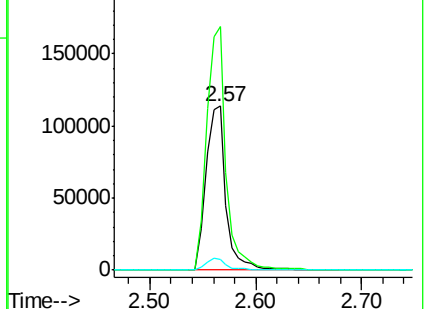
44 6.9 5.7 8.5

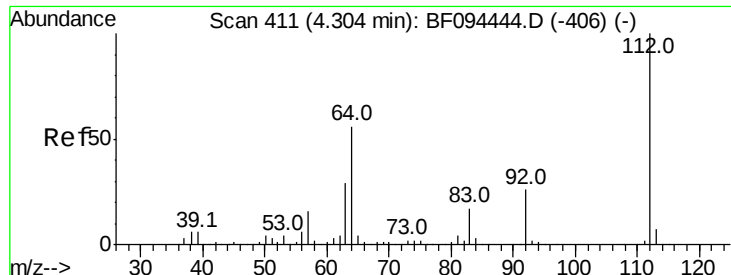


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

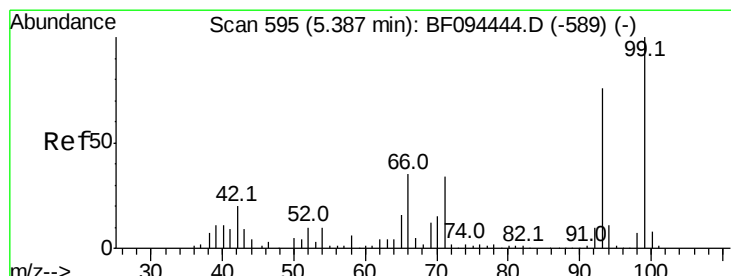
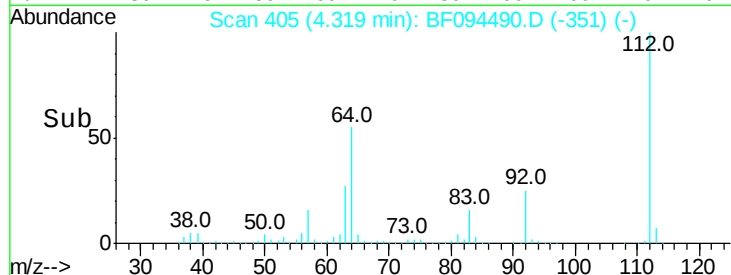
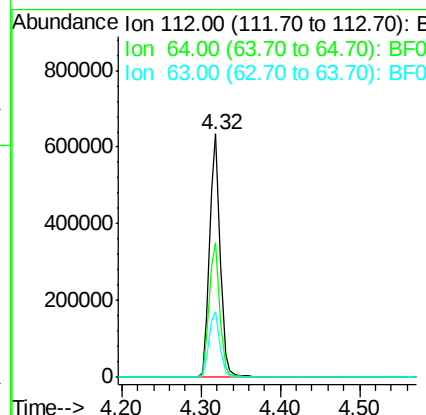
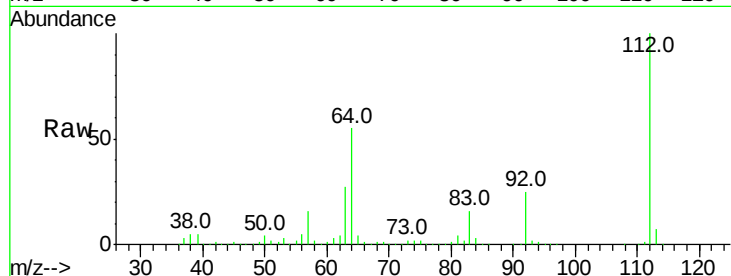




#5
 2-Fluorophenol
 Concen: 87.08 ng
 RT: 4.32 min Scan# 405
 Delta R.T. 0.01 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

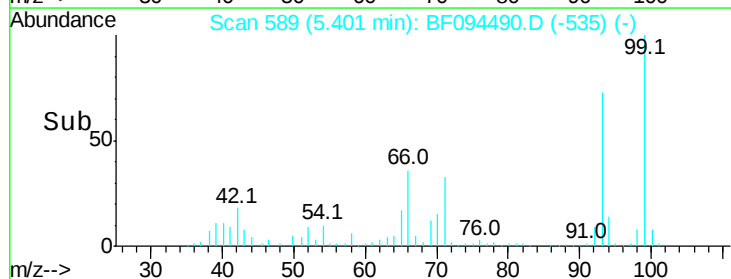
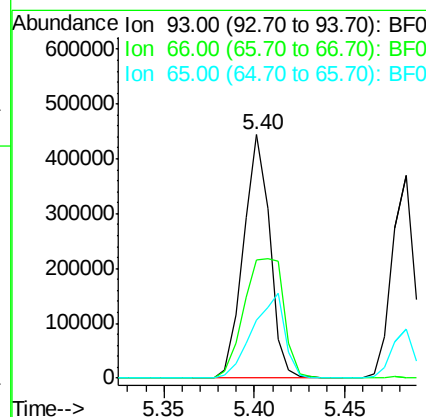
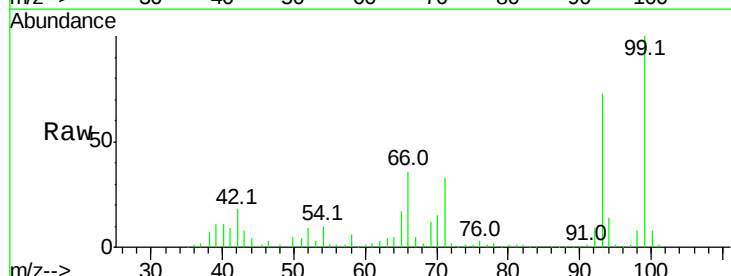
Instrument :
 BNA_F
 ClientSampled :

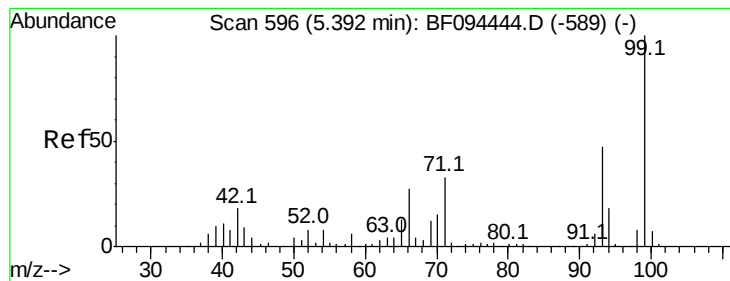
Tot Ion:	112	Resp:	600649
Ion Ratio	Lower	Upper	
112	100		
64	55.2	46.0	69.0
63	27.0	23.4	35.0



#6
 Aniline
 Concen: 41.50 ng
 RT: 5.40 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:	93	Resp:	448460
Ion Ratio	Lower	Upper	
93	100		
66	48.4	32.9	49.3
65	23.6	16.0	24.0





#7

Phenol-d6

Concen: 83.80 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

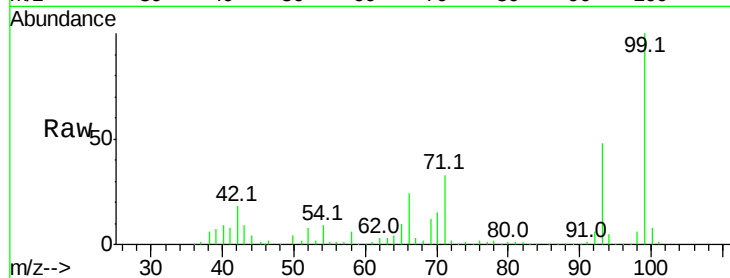
Tot Ion: 99 Resp: 681442

Ion Ratio Lower Upper

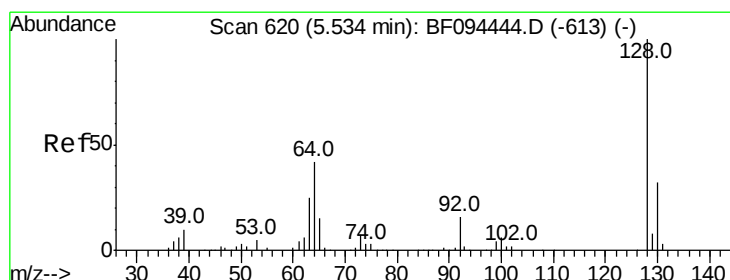
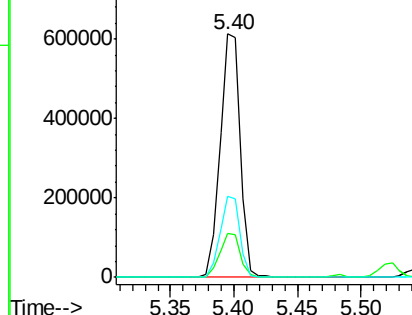
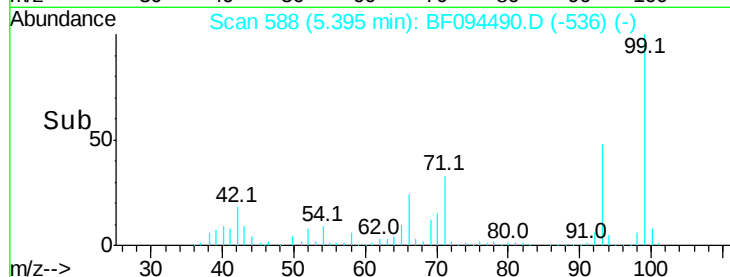
99 100

42 18.3 13.5 20.3

71 33.4 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: 42.84 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

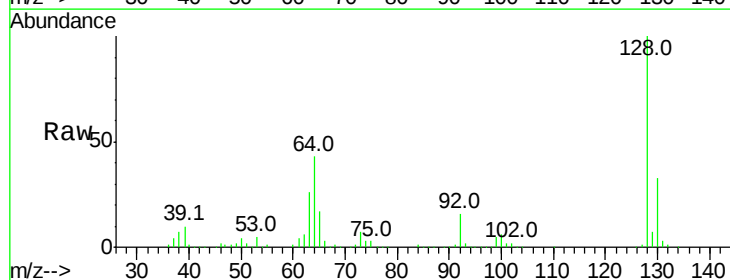
Tgt Ion: 128 Resp: 336233

Ion Ratio Lower Upper

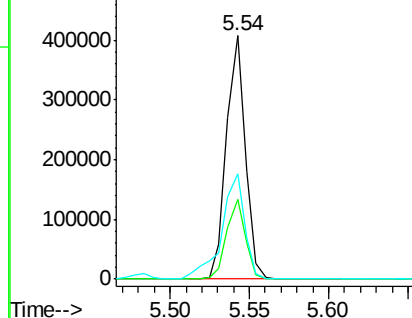
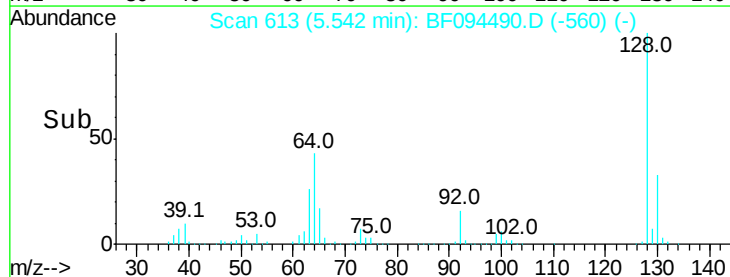
128 100

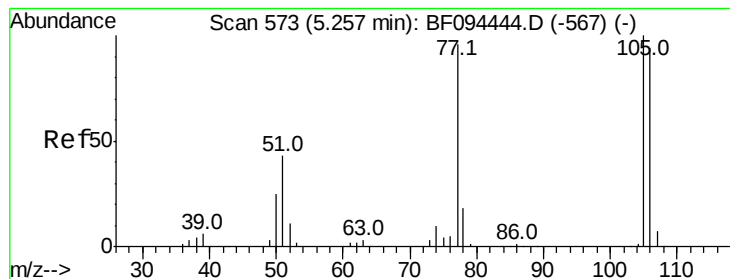
130 32.6 12.9 52.9

64 43.5 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: 38.85 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampled :

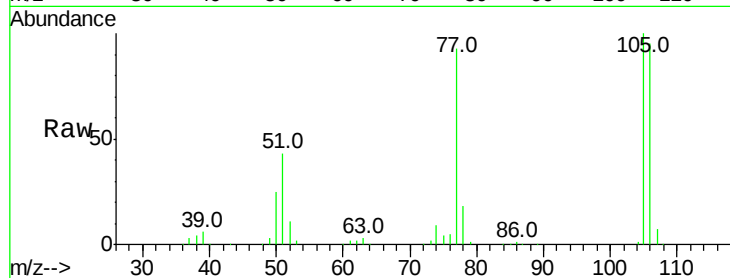
Tot Ion: 77 Resp: 240328

Ion Ratio Lower Upper

77 100

105 107.2 83.8 123.8

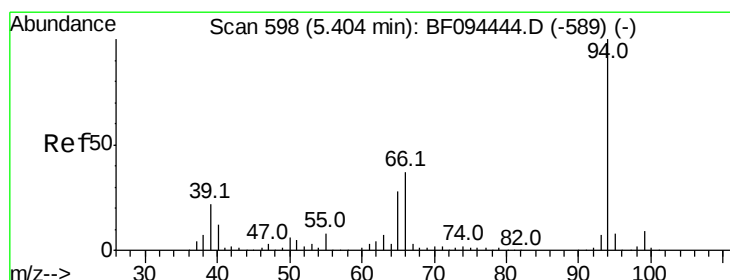
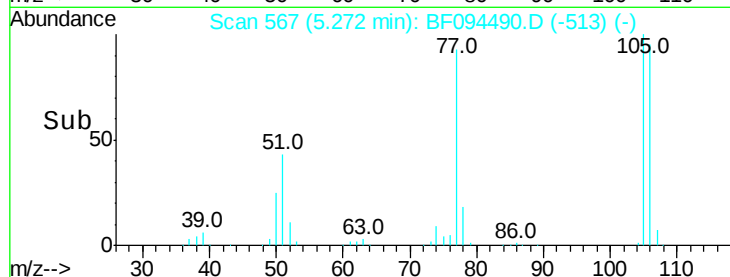
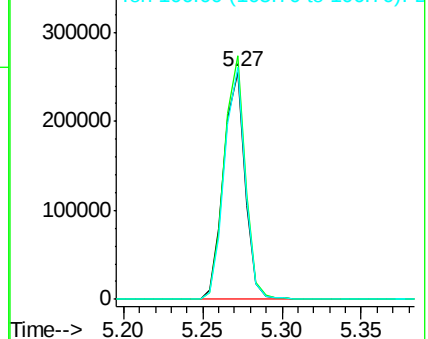
106 102.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.13 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

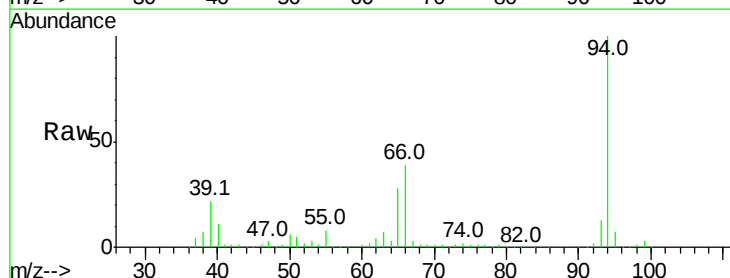
Tgt Ion: 94 Resp: 420843

Ion Ratio Lower Upper

94 100

65 28.3 9.9 49.9

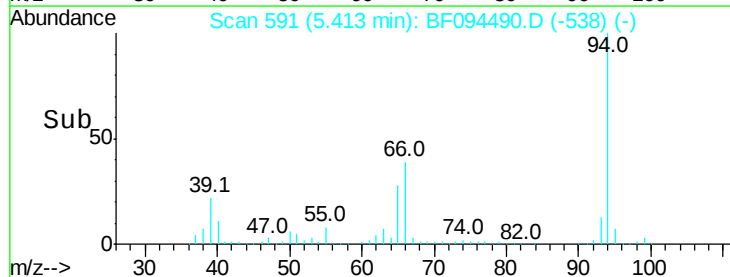
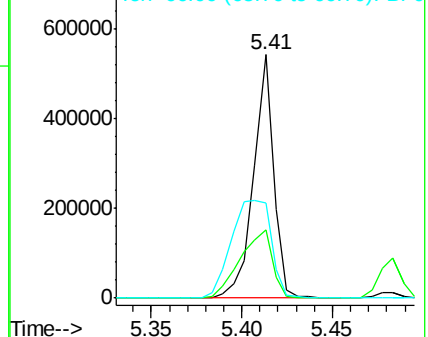
66 39.1 23.1 63.1

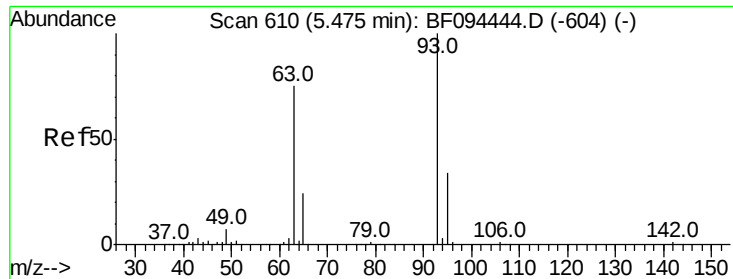


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

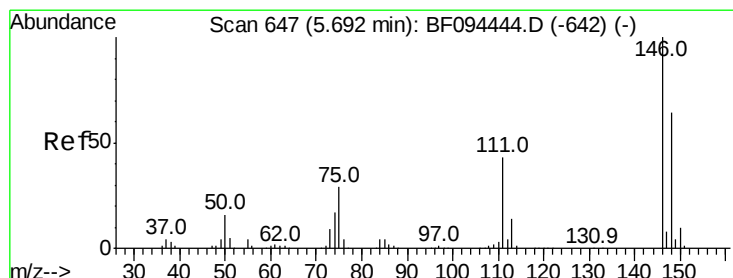
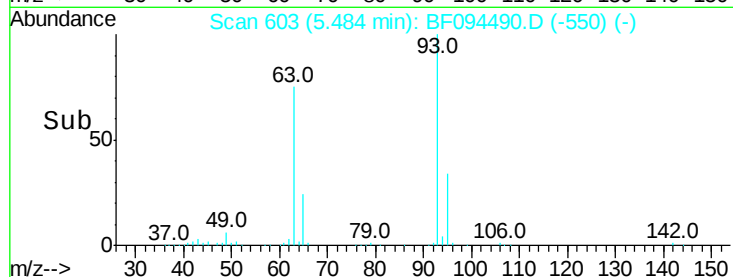
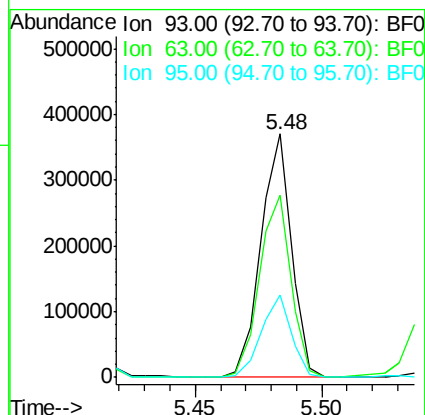
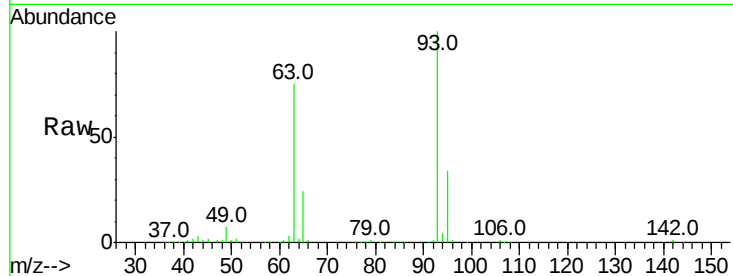




#11
 bis(2-Chloroethyl)ether
 Concen: 42.78 ng
 RT: 5.48 min Scan# 603
 Delta R.T. 0.01 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

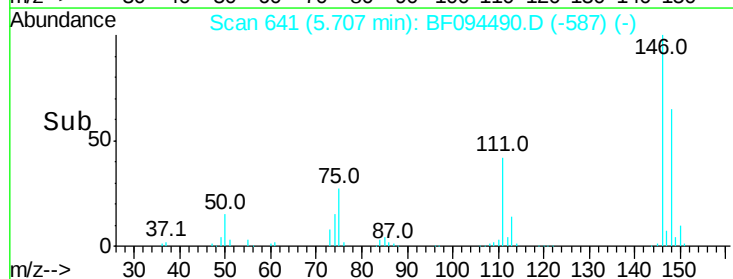
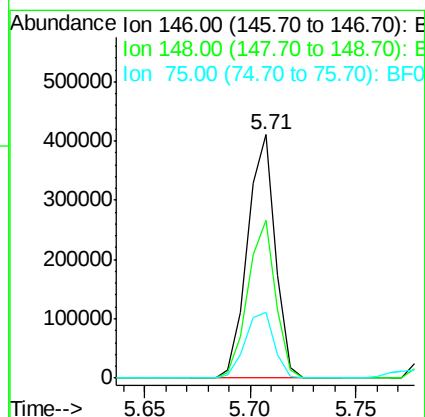
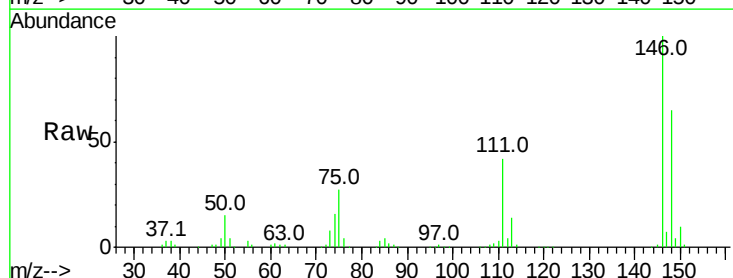
Instrument :
 BNA_F
 ClientSampleId :

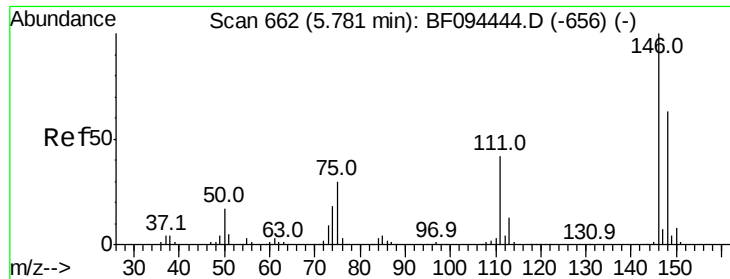
Tot Ion: 93 Resp: 312149
 Ion Ratio Lower Upper
 93 100
 63 74.8 59.2 99.2
 95 33.6 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 42.96 ng
 RT: 5.71 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion: 146 Resp: 373543
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.6
 75 27.2 23.1 34.7

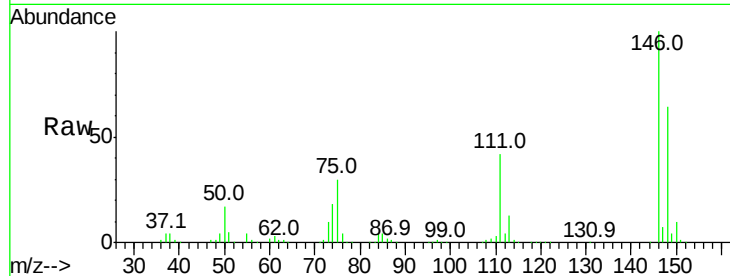




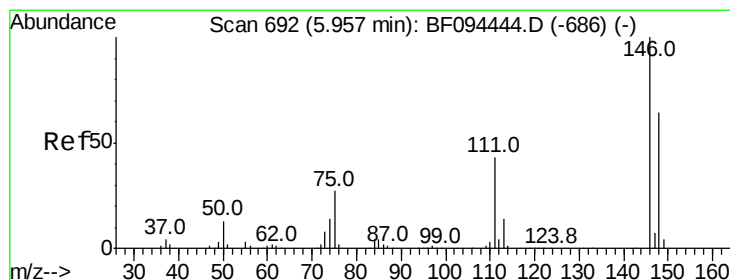
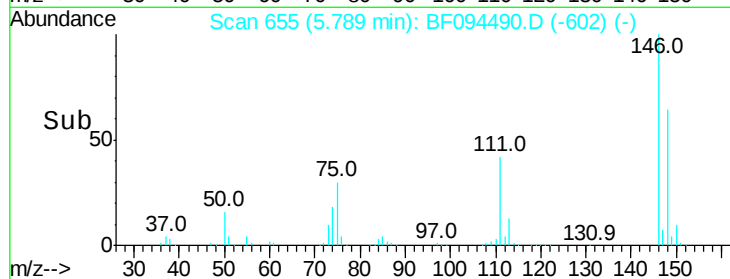
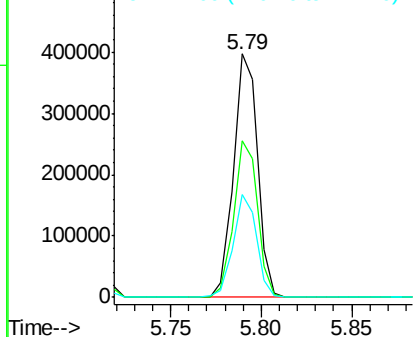
#13
 1,4-Dichlorobenzene
 Concen: 41.81 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 365758
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 42.3 30.3 45.5

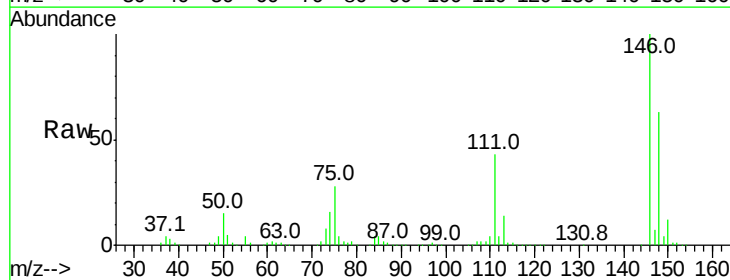


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

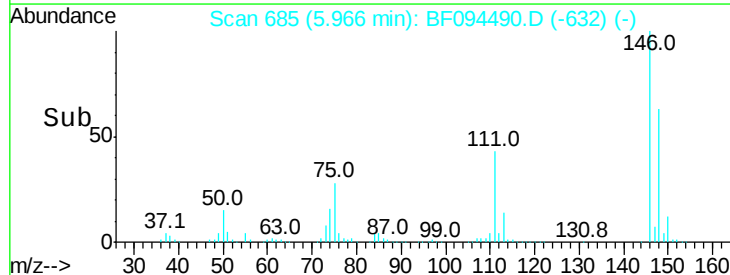
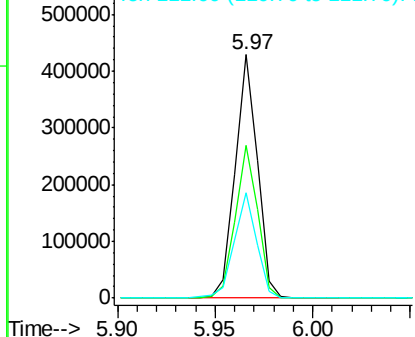


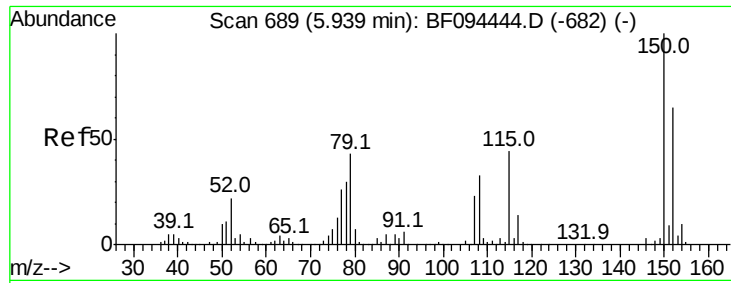
#14
 1,2-Dichlorobenzene
 Concen: 41.94 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:146 Resp: 337935
 Ion Ratio Lower Upper
 146 100
 148 62.8 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

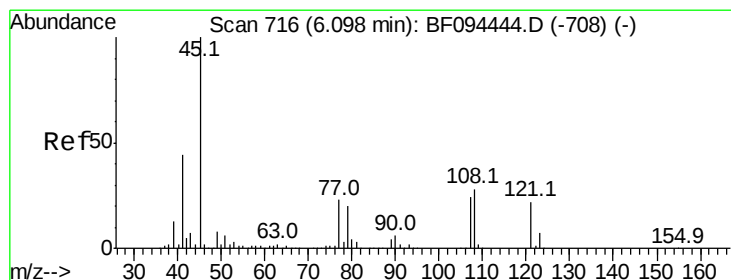
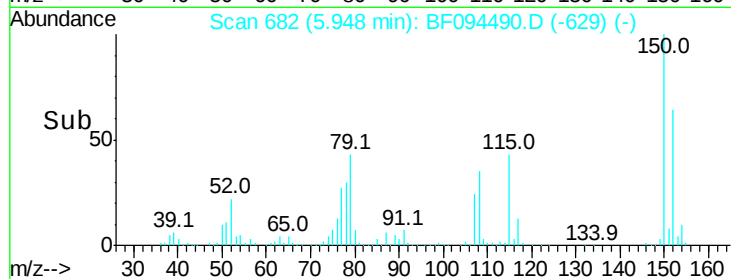
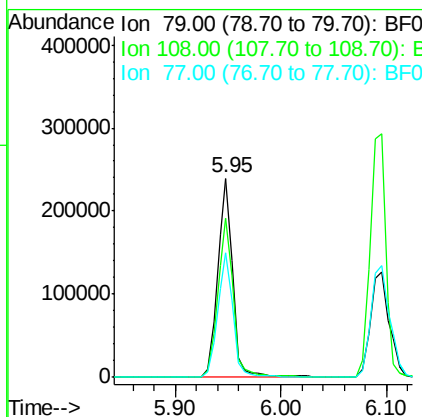
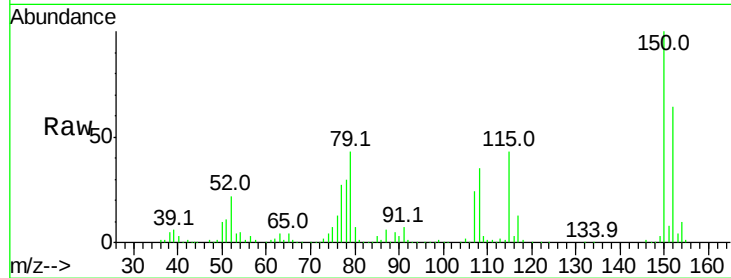




#15
Benzyl Alcohol
Concen: 40.41 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

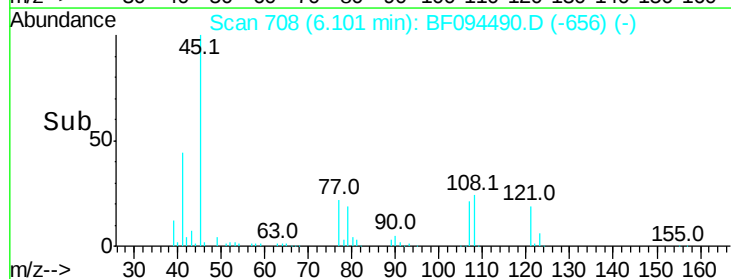
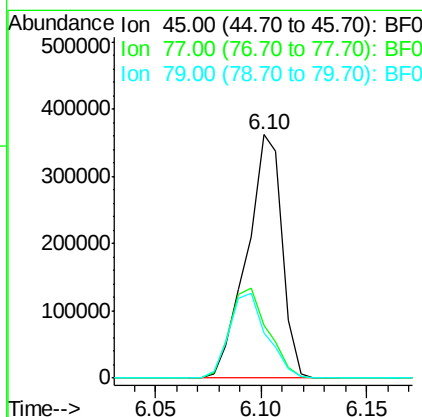
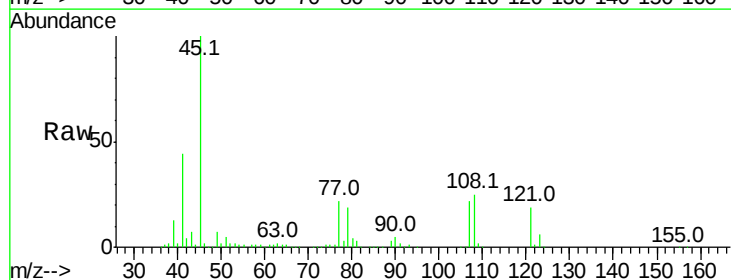
Instrument :
BNA_F
ClientSampleId :

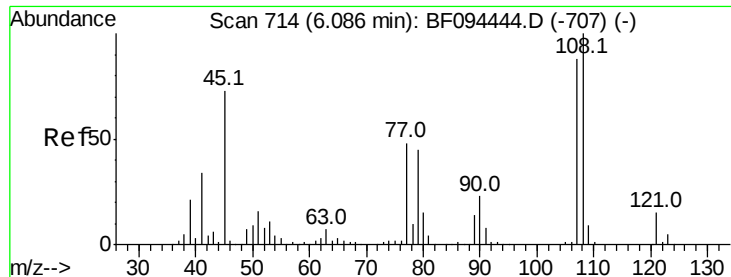
Tot Ion: 79 Resp: 243730
Ion Ratio Lower Upper
79 100
108 79.9 63.4 95.0
77 62.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.83 ng
RT: 6.10 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion: 45 Resp: 419317
Ion Ratio Lower Upper
45 100
77 22.0 0.0 33.2
79 18.8 0.0 30.0





#17

2-Methylphenol

Concen: 42.86 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 264965

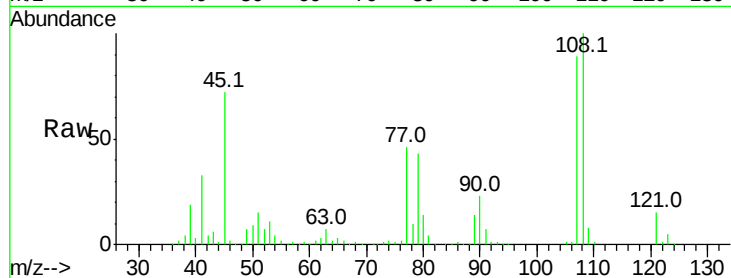
Ion Ratio Lower Upper

107 100

108 112.3 93.4 140.0

77 51.4 35.8 53.6

79 48.5 34.8 52.2

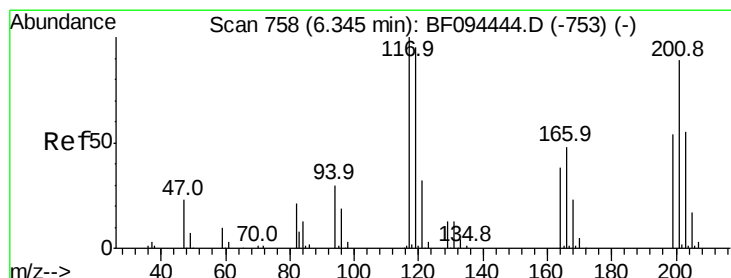
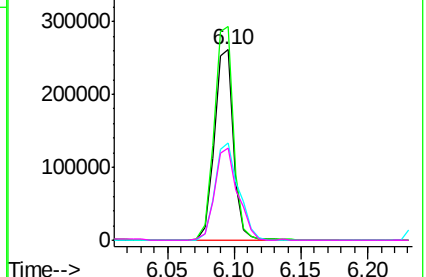
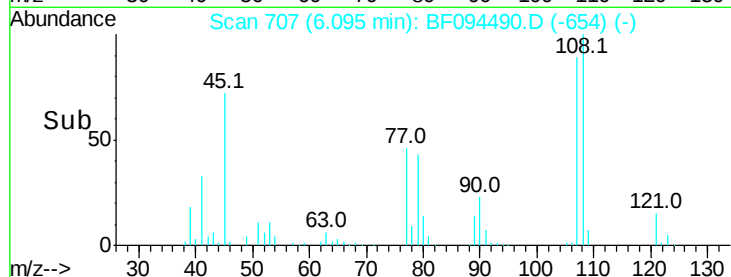


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.92 ng

RT: 6.35 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

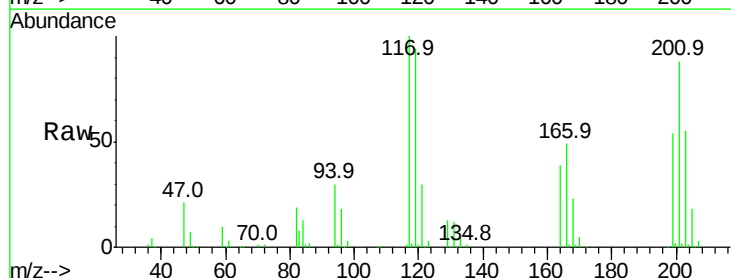
Tgt Ion:117 Resp: 131726

Ion Ratio Lower Upper

117 100

119 93.7 77.4 116.0

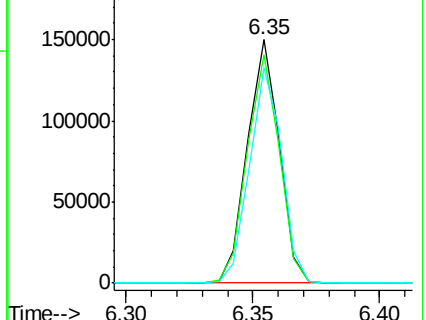
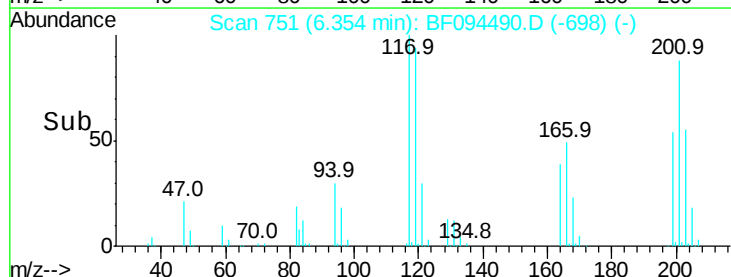
201 88.5 94.6 141.8#

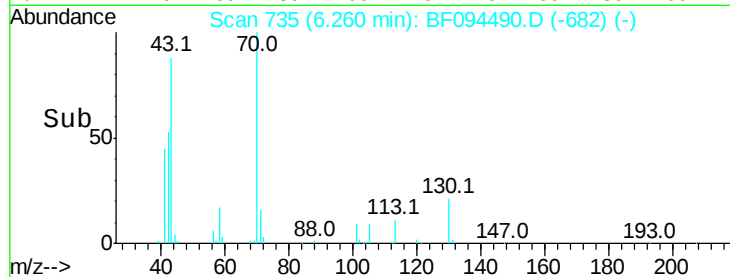
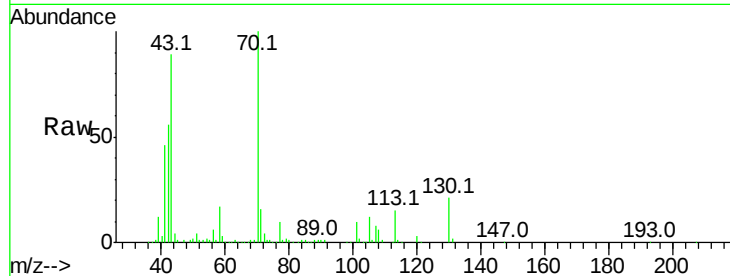
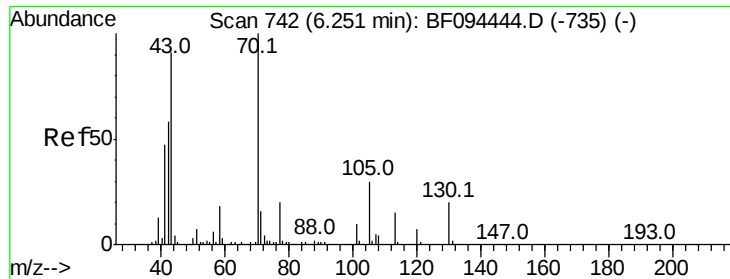


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

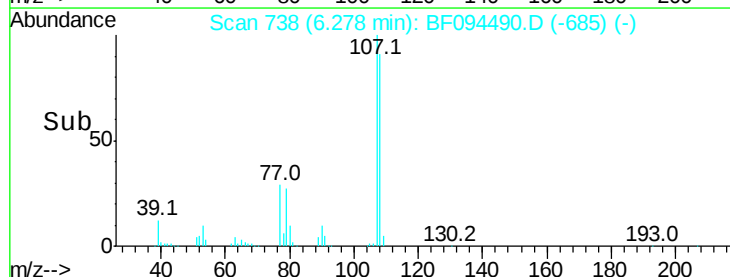
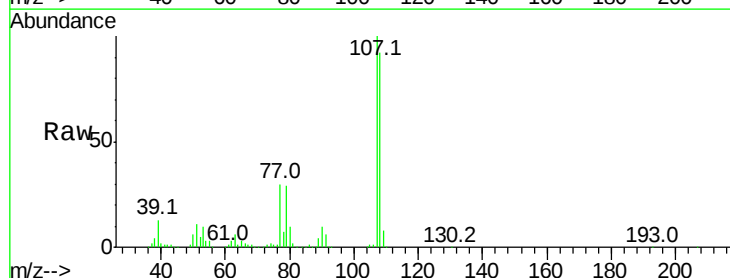
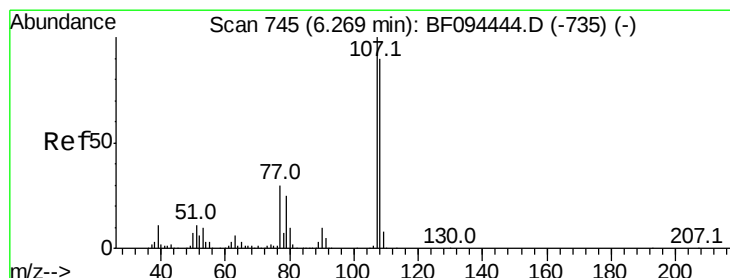
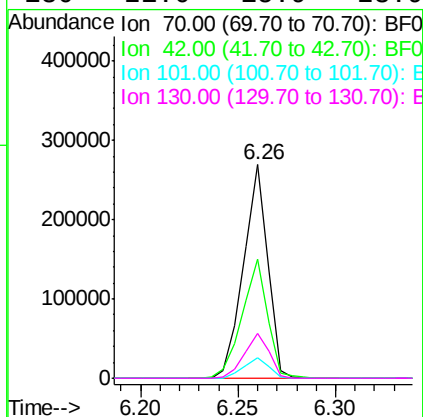




#19
n-Nitroso-di-n-propylamine
Concen: 43.26 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

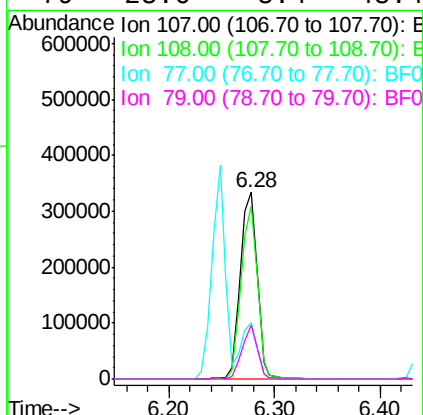
Instrument :
BNA_F
ClientSampleId :

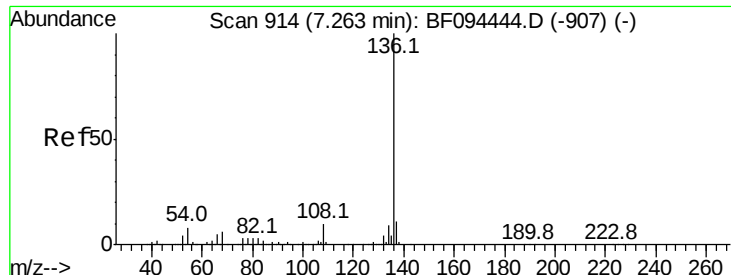
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.8	47.2	70.8	
101	9.6	7.2	10.8	
130	21.0	15.9	23.9	



#20
3+4-Methylphenols
Concen: 43.72 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.4	71.0	111.0	
77	30.3	90.5	130.5#	
79	28.6	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 489350

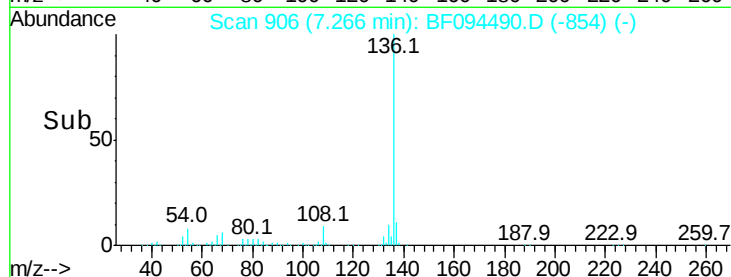
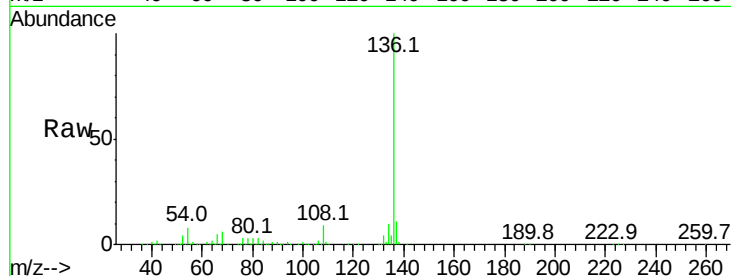
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.7 4.9 7.3#

68 6.1 4.1 6.1



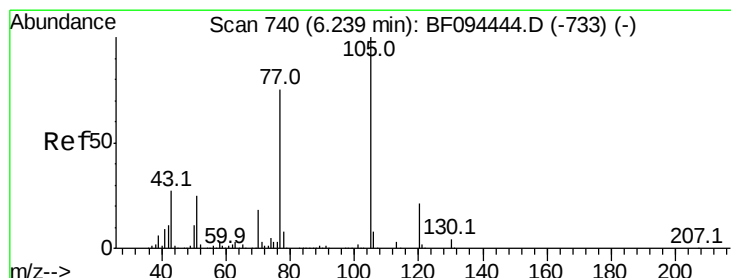
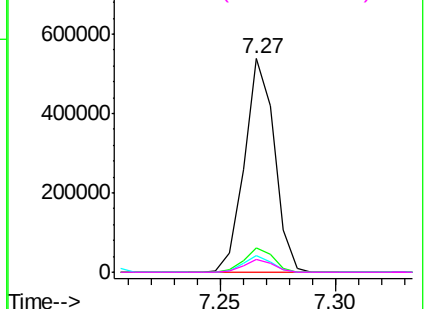
Abundance

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: 39.52 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion:105 Resp: 470208

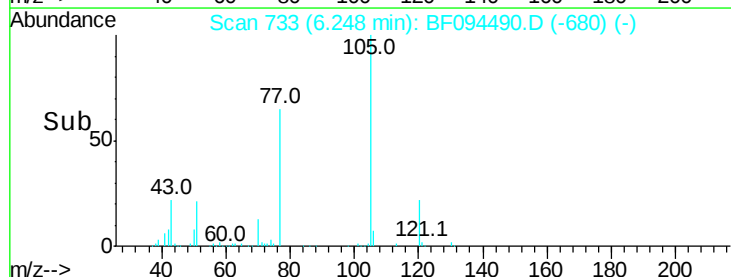
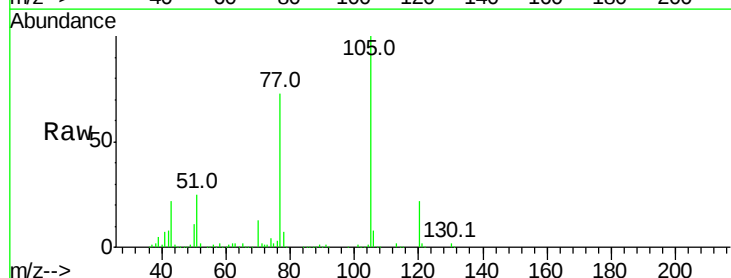
Ion Ratio Lower Upper

105 100

71 2.3 2.8 4.2#

51 24.8 30.7 46.1#

120 22.2 17.4 26.0



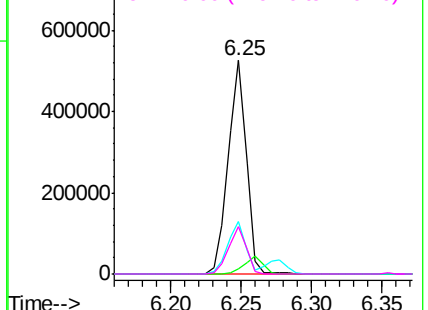
Abundance

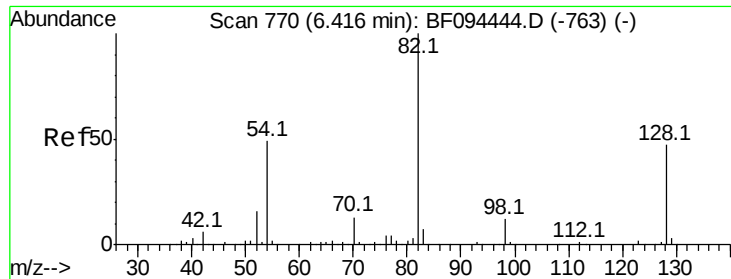
Ion 105.00 (104.70 to 105.70): E

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

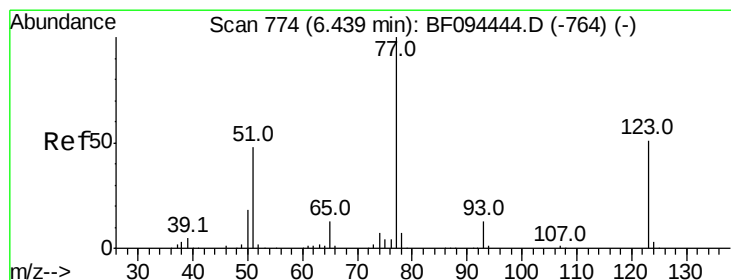
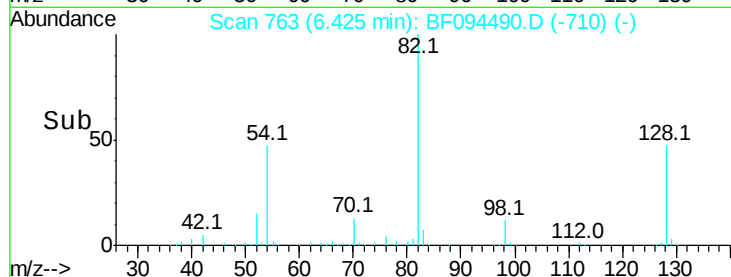
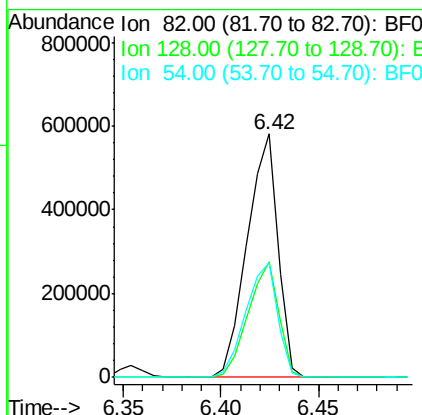
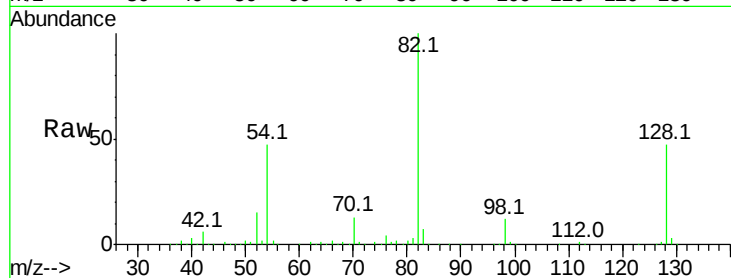




#23
 Nitrobenzene-d5
 Concen: 80.10 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

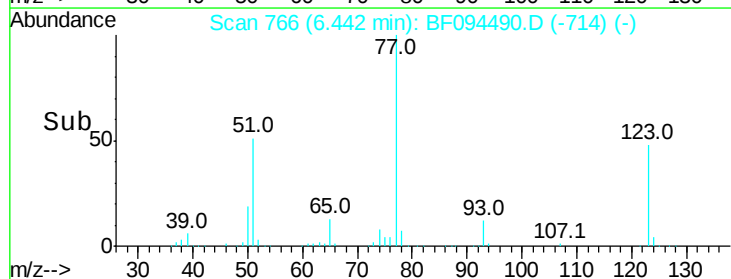
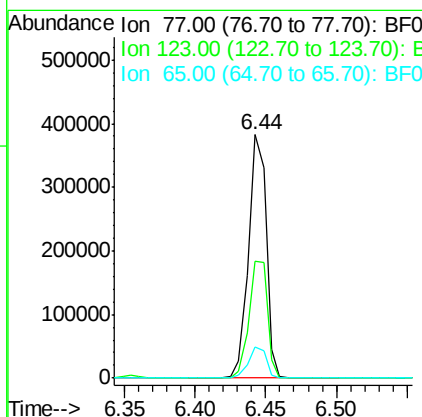
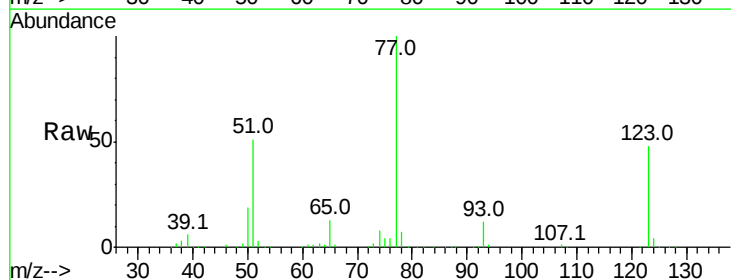
Instrument :
 BNA_F
 ClientSampleId :

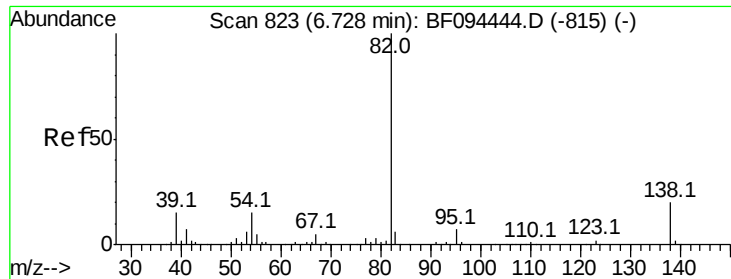
Tot Ion	82	Resp	634777
Ion Ratio	Lower	Upper	
82	100		
128	47.4	34.0	51.0
54	47.2	42.2	63.2



#24
 Nitrobenzene
 Concen: 40.59 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	77	Resp	338714
Ion Ratio	Lower	Upper	
77	100		
123	47.8	35.8	53.8
65	12.9	10.6	15.8





#25

Isophorone

Concen: 40.12 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

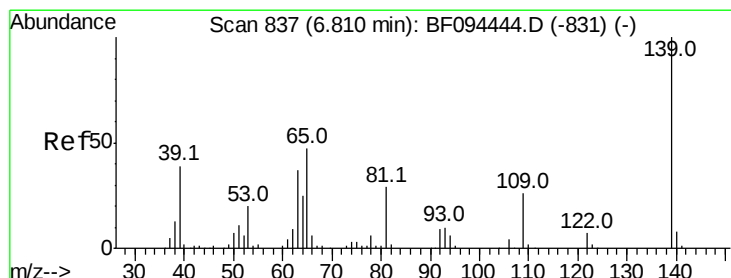
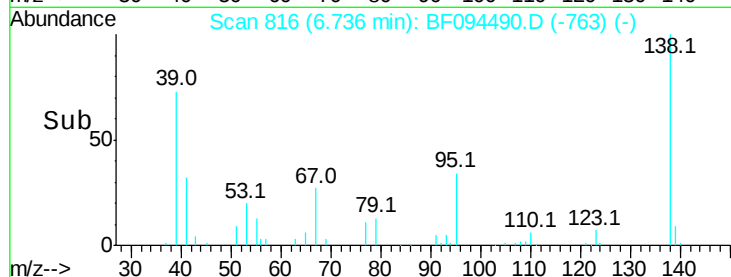
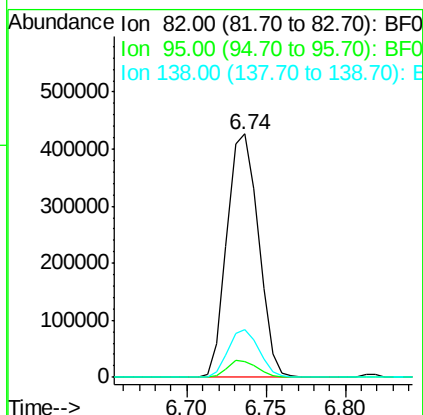
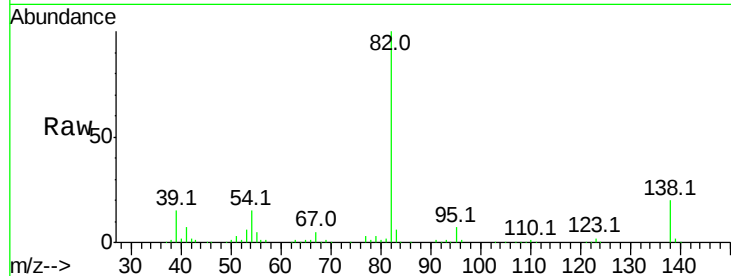
Tot Ion: 82 Resp: 589453

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 41.66 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

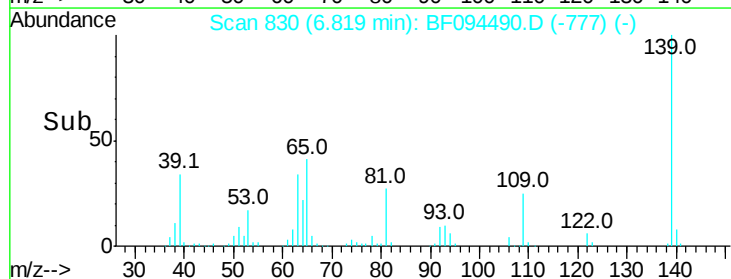
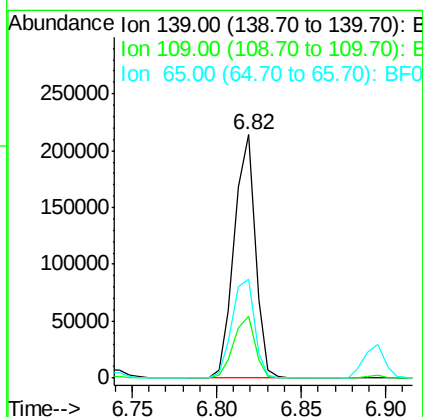
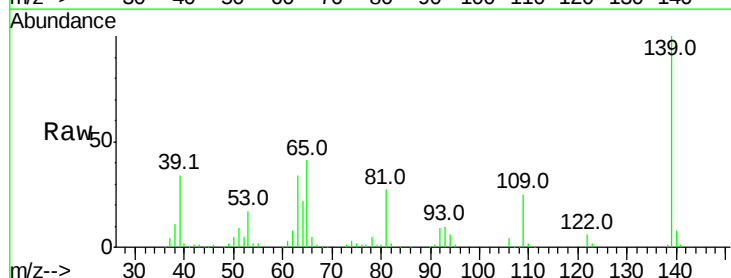
Tgt Ion:139 Resp: 186797

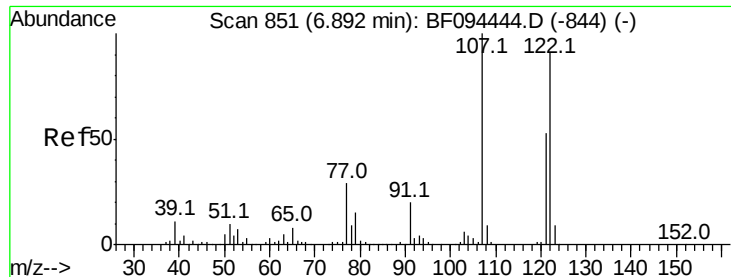
Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.6

65 40.8 33.0 49.6

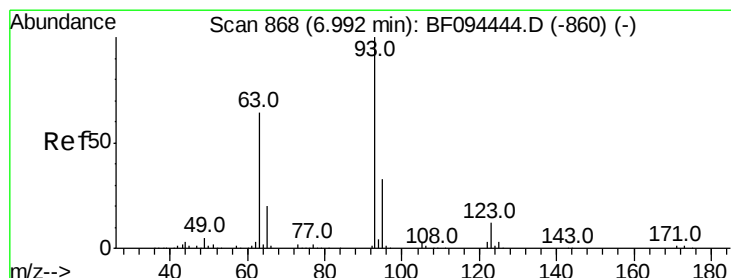
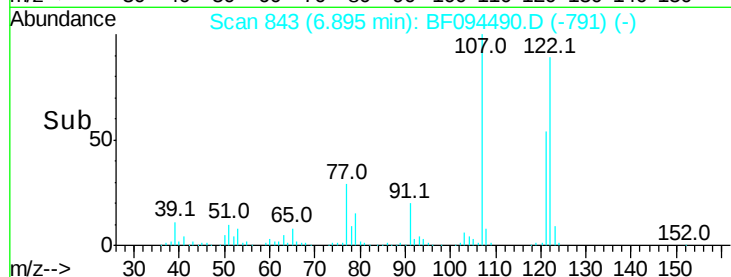
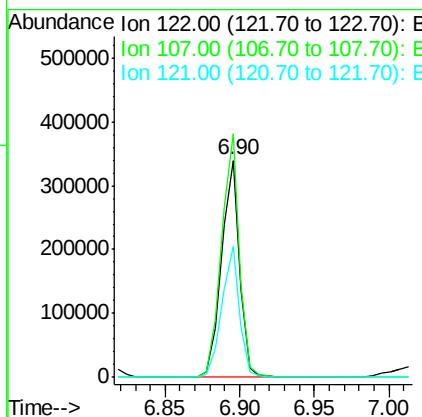
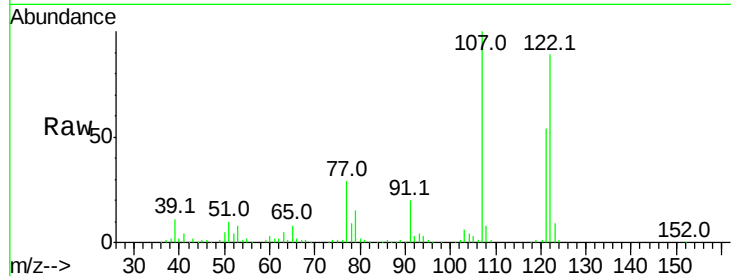




#27
 2,4-Dimethylphenol
 Concen: 40.10 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

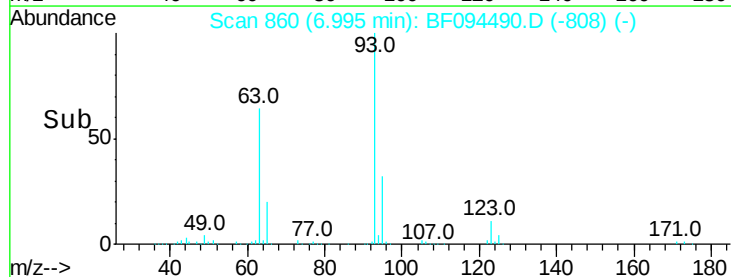
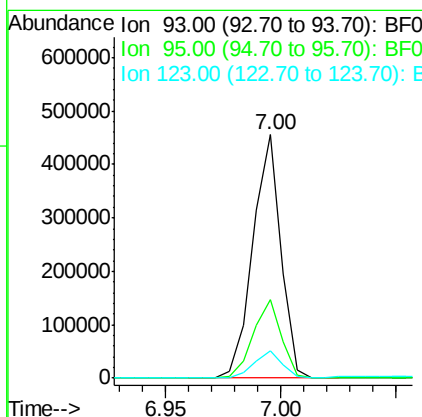
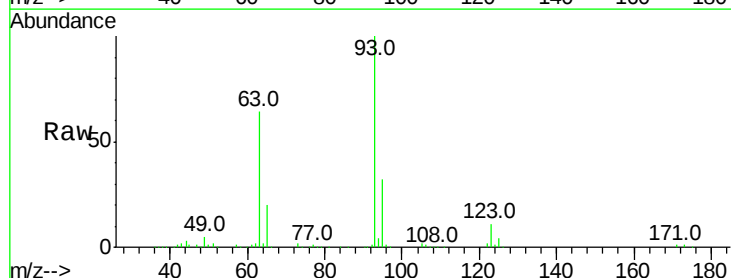
Instrument :
 BNA_F
 ClientSampled :

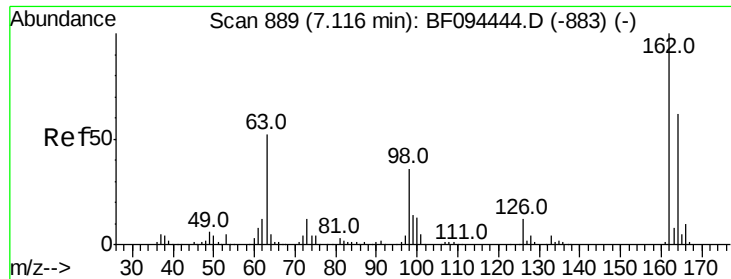
Tot Ion:122 Resp: 292010
 Ion Ratio Lower Upper
 122 100
 107 112.2 89.2 133.8
 121 60.1 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.67 ng
 RT: 7.00 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion: 93 Resp: 386485
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 11.3 9.0 13.4

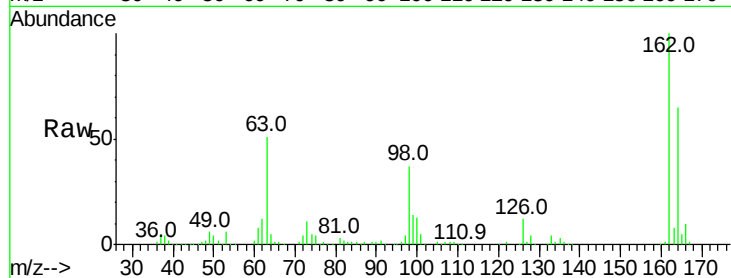




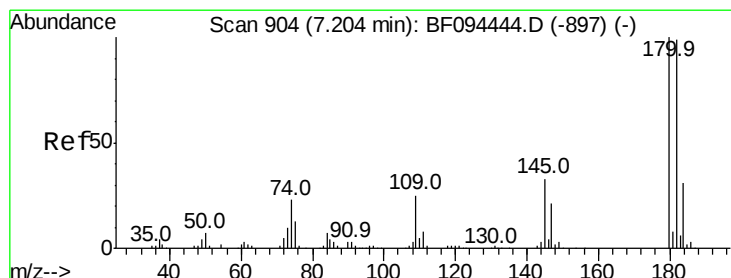
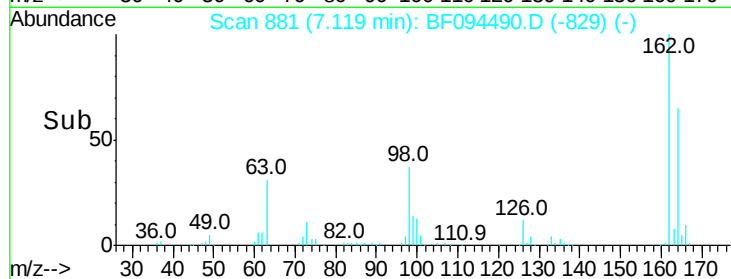
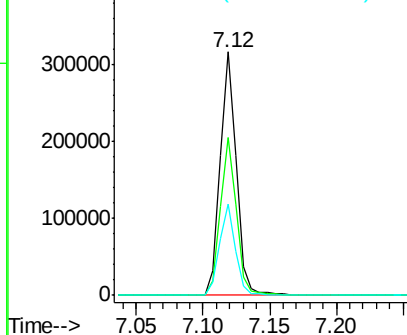
#29
 2,4-Dichlorophenol
 Concen: 40.46 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.6	84.6
98	37.3	14.8	54.8

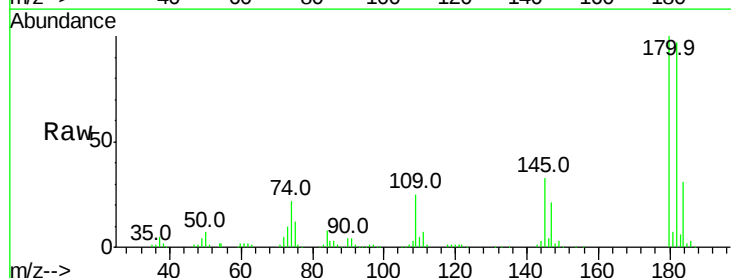


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

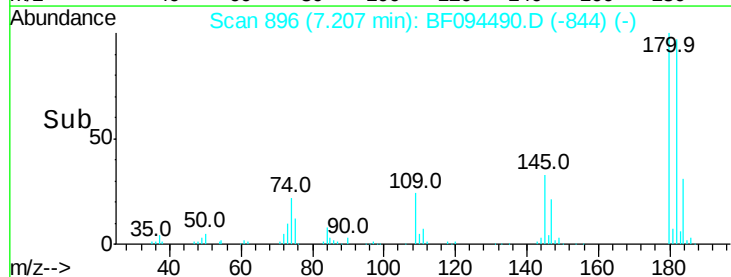
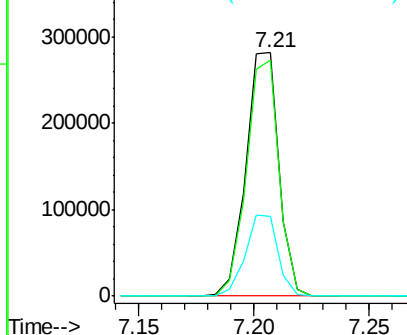


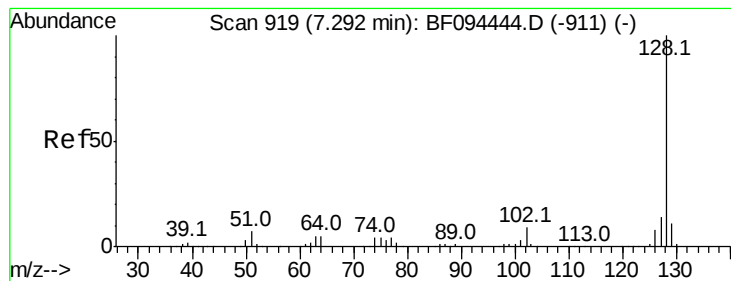
#30
 1,2,4-Trichlorobenzene
 Concen: 40.11 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.8	113.6
145	32.6	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.60 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

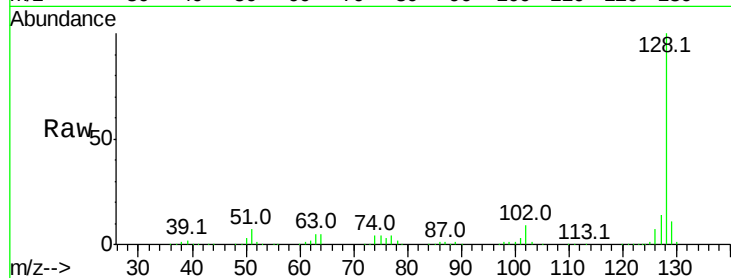
Tot Ion:128 Resp: 931663

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

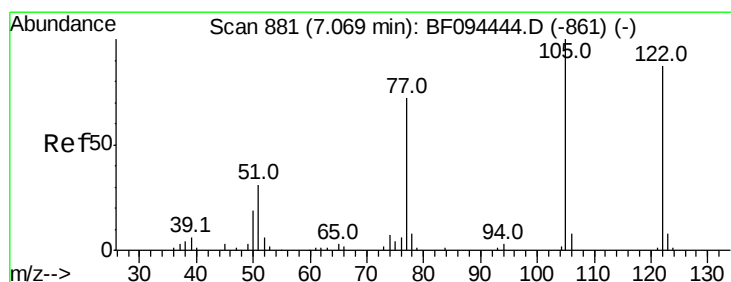
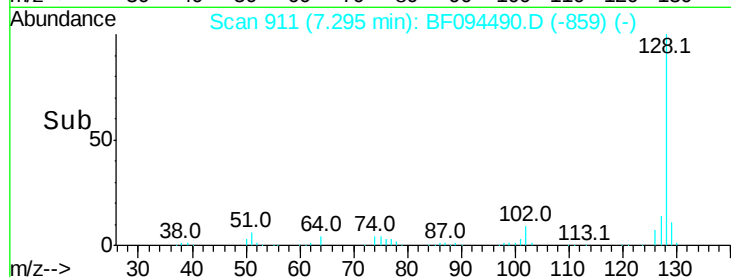
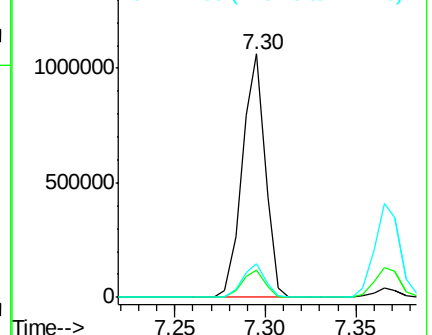
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.06 ng

RT: 7.07 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

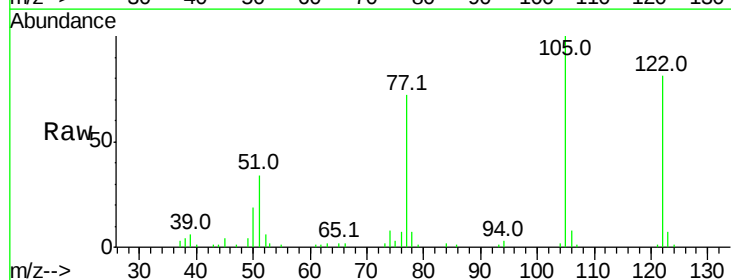
Tgt Ion:122 Resp: 158128

Ion Ratio Lower Upper

122 100

105 124.1 103.3 143.3

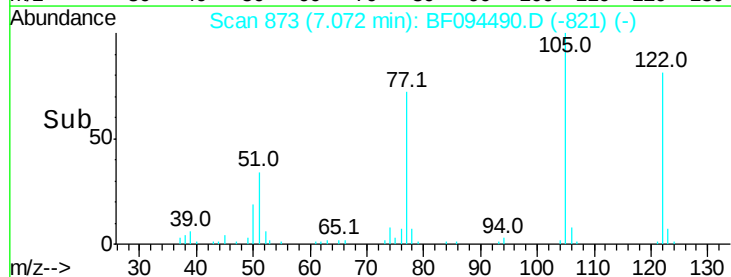
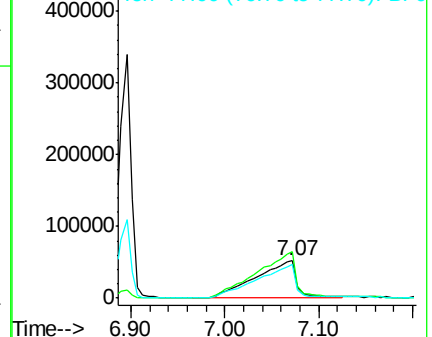
77 89.7 73.7 113.7

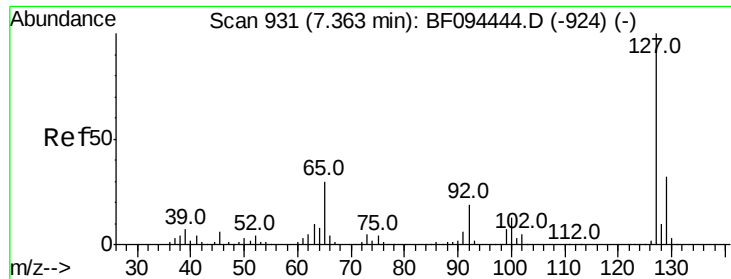


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

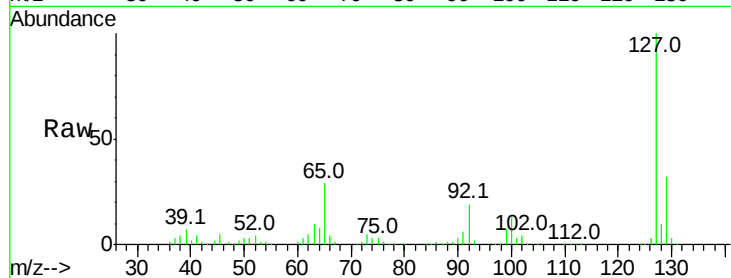




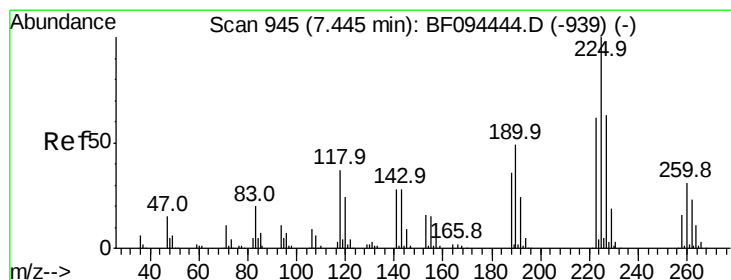
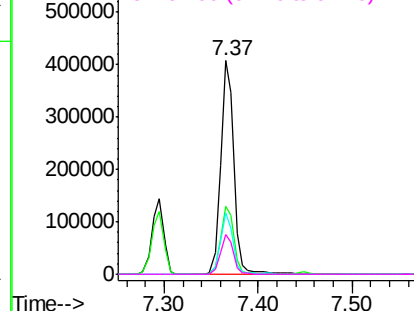
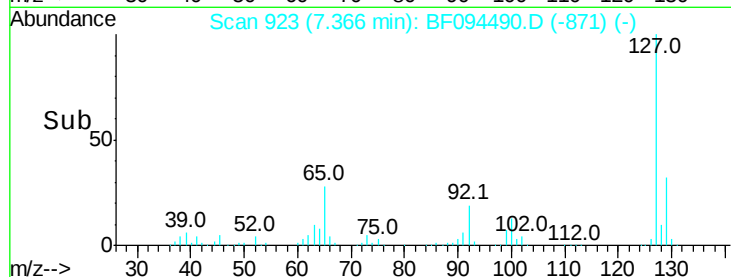
#33
 4-Chloroaniline
 Concen: 41.17 ng
 RT: 7.37 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	402940
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	28.6	27.8	41.8
92	18.9	16.8	25.2

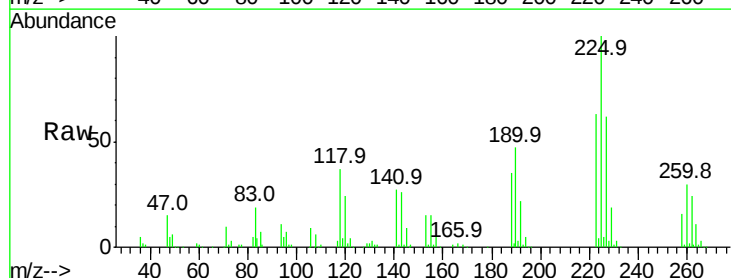


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

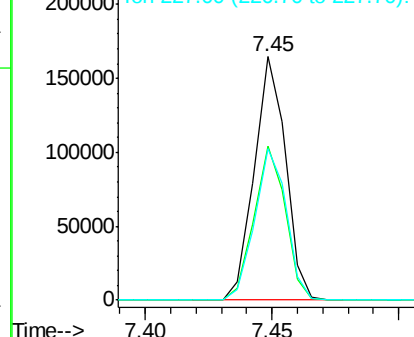
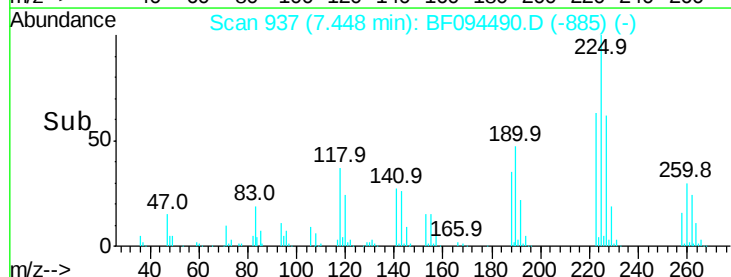


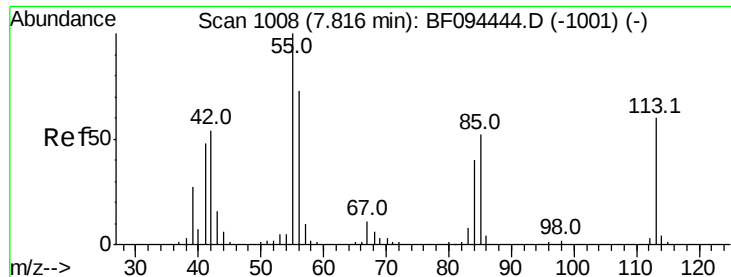
#34
 Hexachlorobutadiene
 Concen: 40.81 ng
 RT: 7.45 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:	225	Resp:	142501
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	62.4	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: 33.39 ng

RT: 7.82 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :

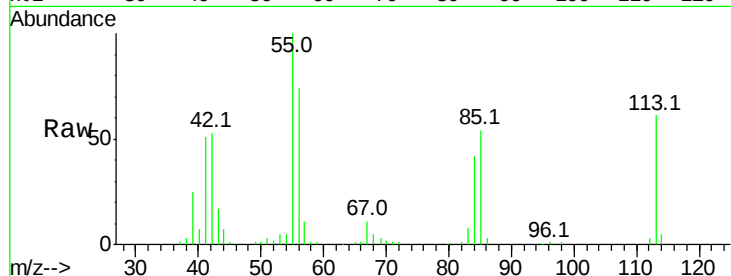
Tot Ion:113 Resp: 71056

Ion Ratio Lower Upper

113 100

55 163.9 150.2 190.2

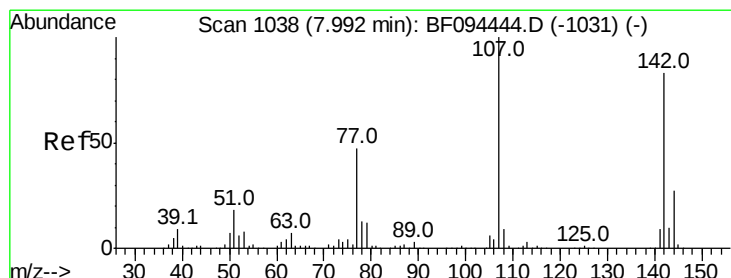
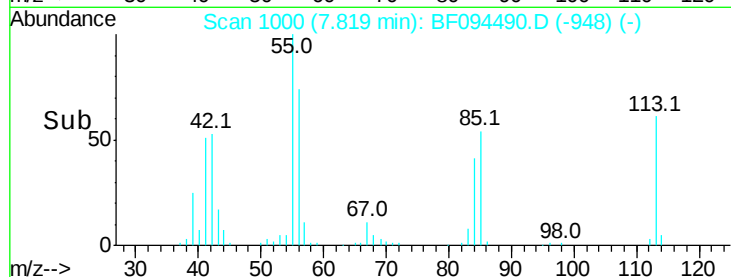
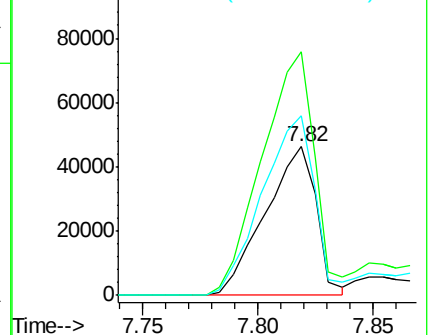
56 121.3 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.32 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

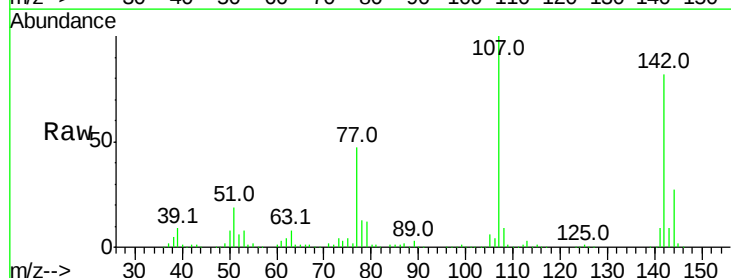
Tgt Ion:107 Resp: 272046

Ion Ratio Lower Upper

107 100

144 26.6 24.2 36.4

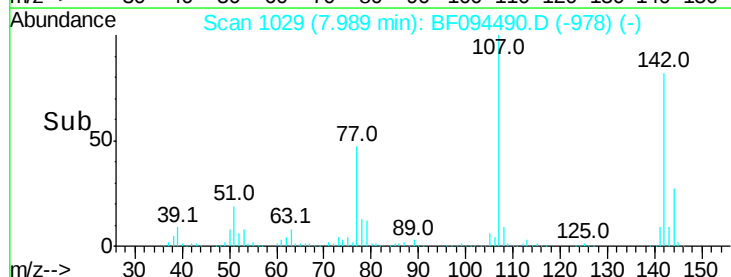
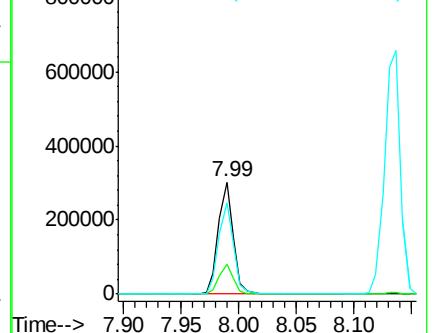
142 81.7 73.4 110.0

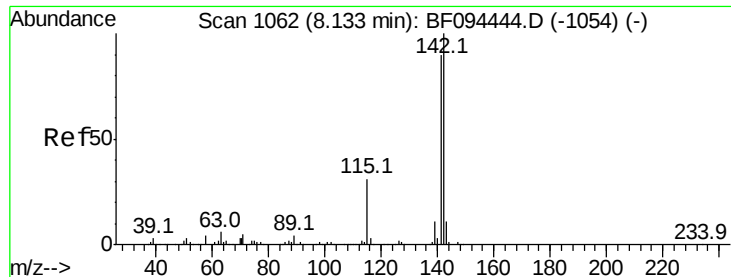


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.84 ng

RT: 8.14 min Scan# 1054

Delta R.T. 0.00 min

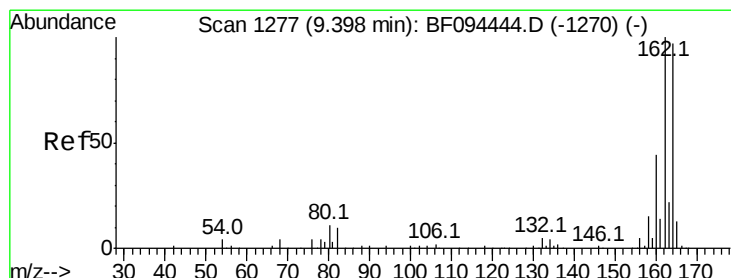
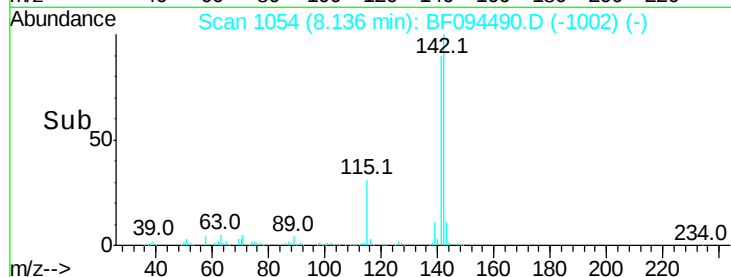
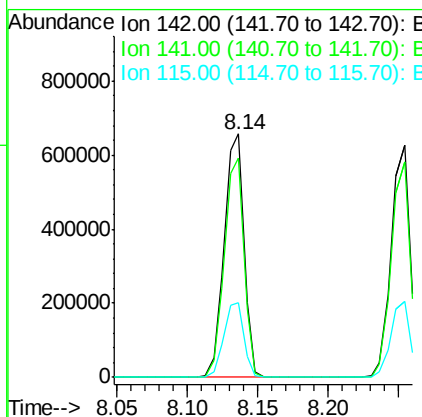
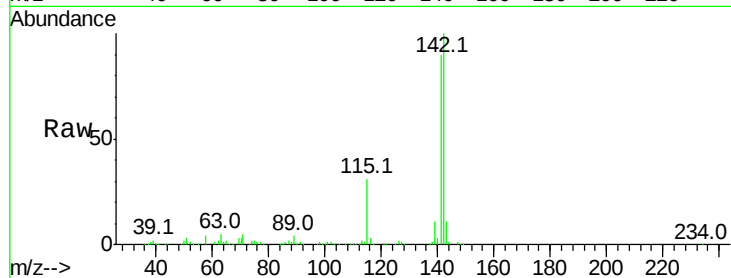
Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 641139

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	30.7	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1269

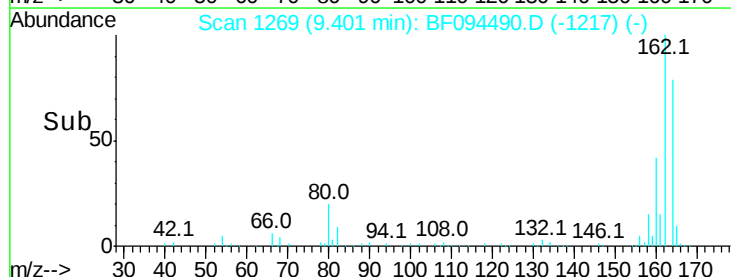
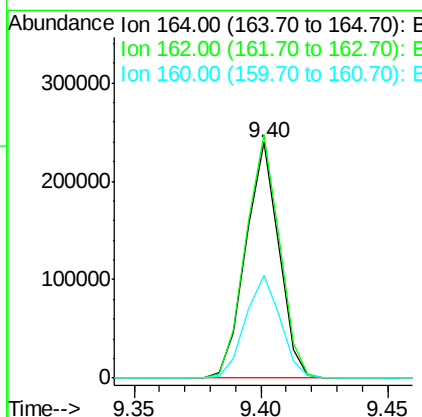
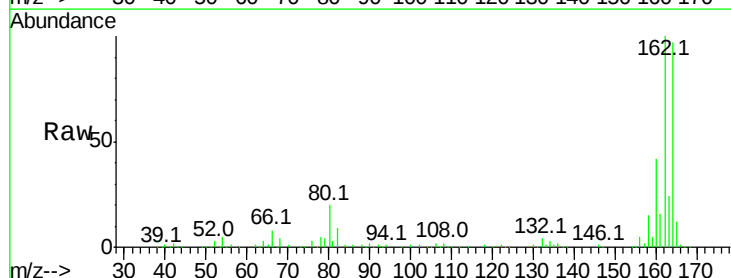
Delta R.T. 0.00 min

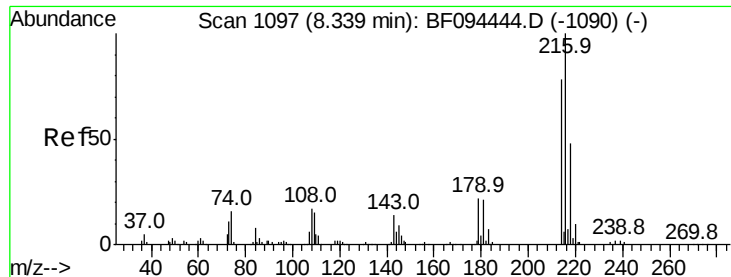
Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion:164 Resp: 217632

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	43.7	36.2	54.2

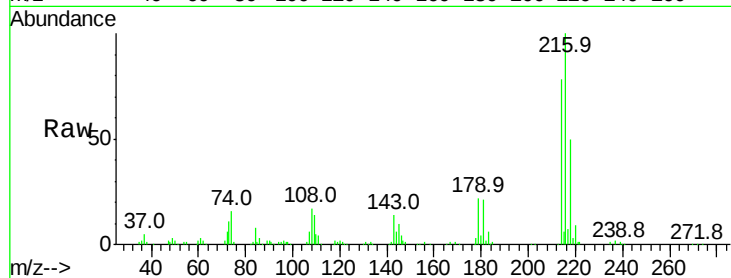




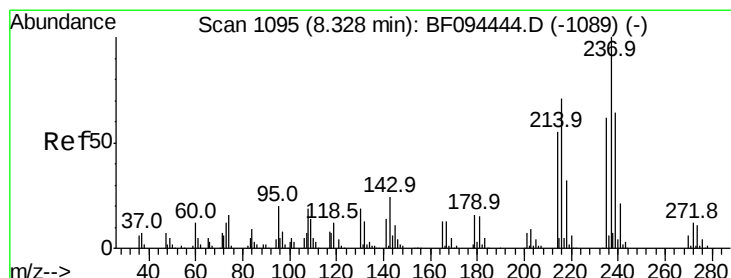
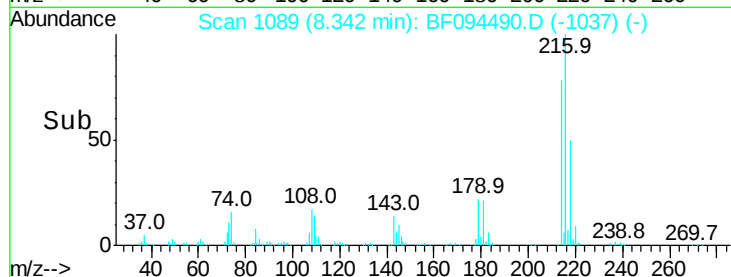
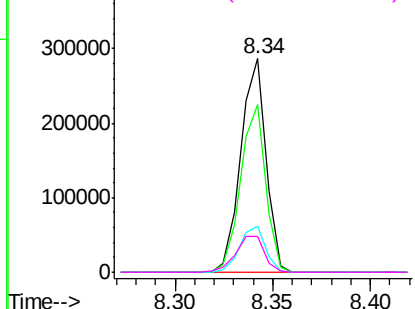
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.42 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	256716
Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.4	95.2
179	21.8	17.9	26.9
108	19.5	16.5	24.7

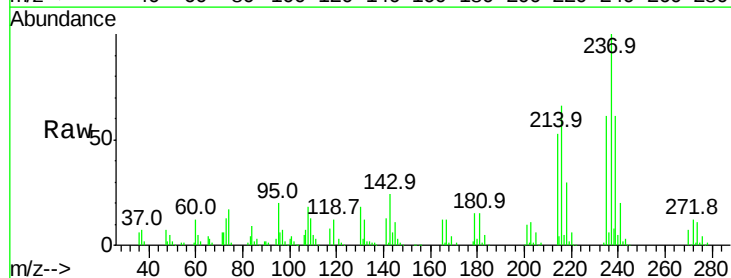


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

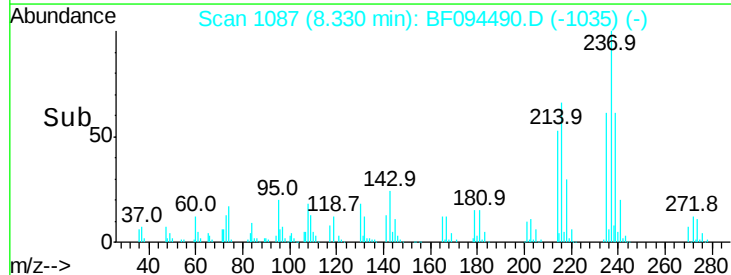
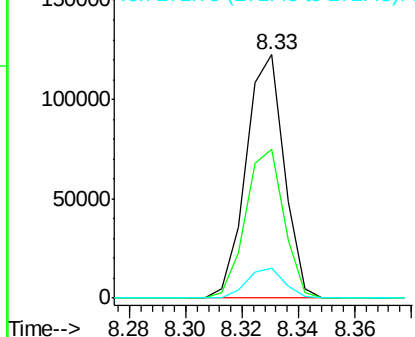


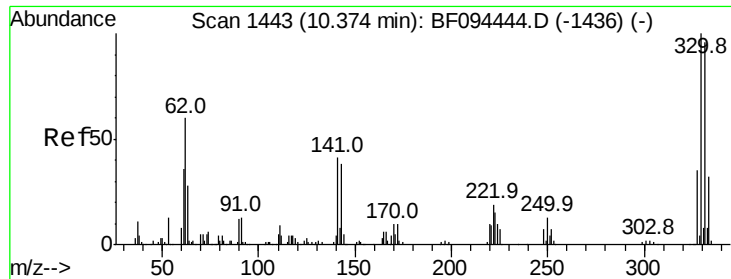
#40
 Hexachlorocyclopentadiene
 Concen: 45.60 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:	237	Resp:	114331
Ion	Ratio	Lower	Upper
237	100		
235	61.2	42.6	82.6
272	12.2	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

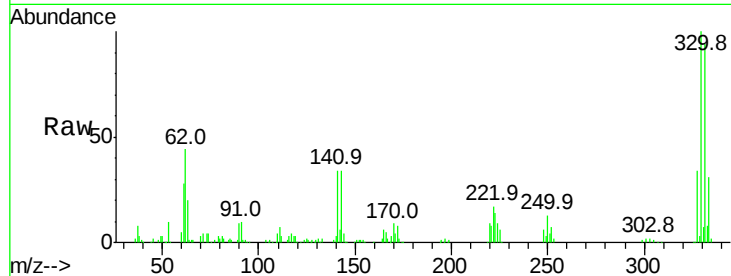




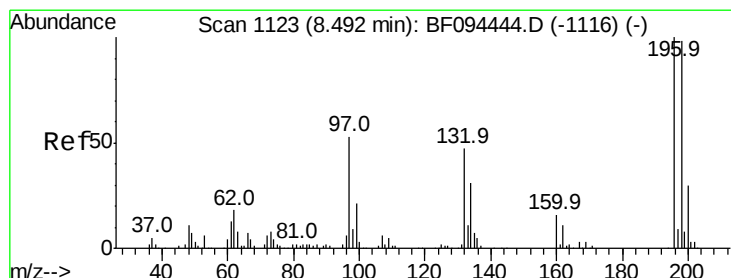
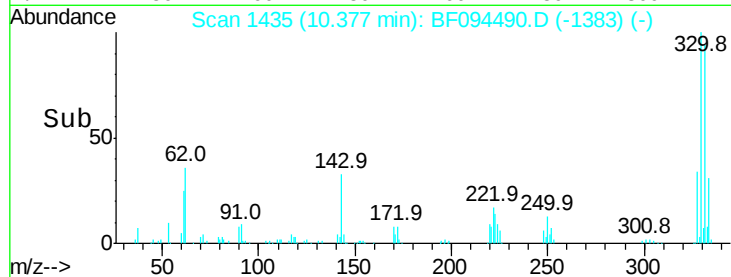
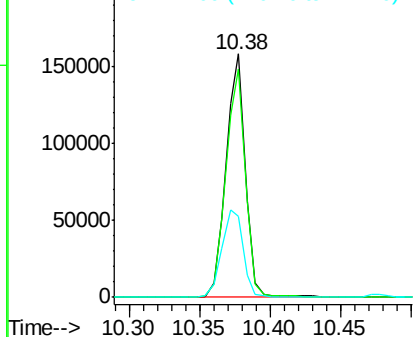
#41
 2,4,6-Tribromophenol
 Concen: 88.27 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 150265
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 40.0 31.4 47.2

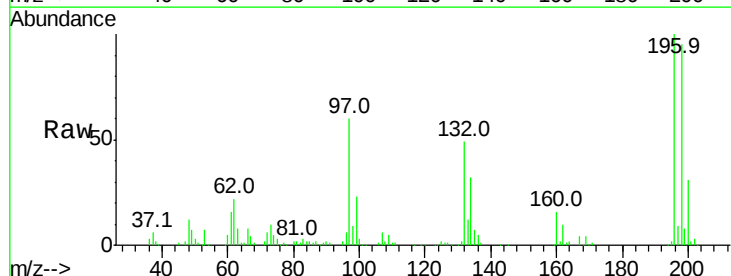


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

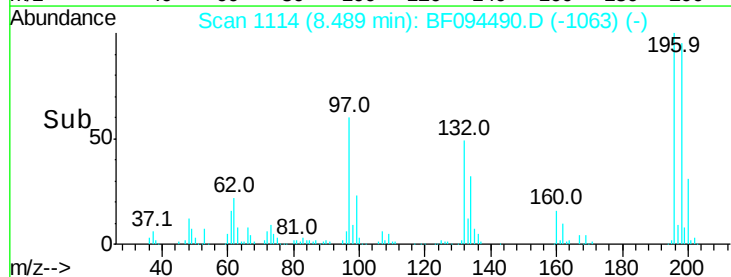
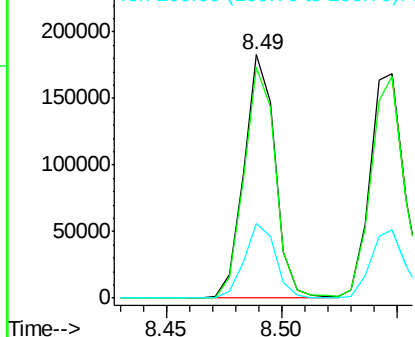


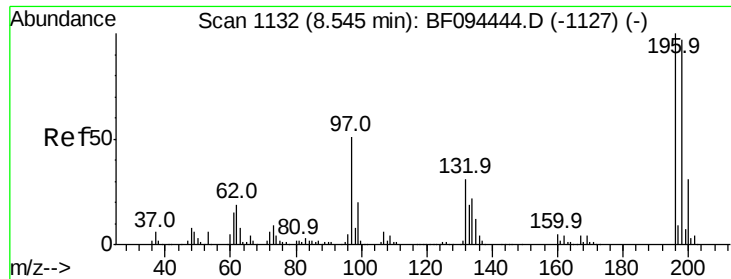
#42
 2,4,6-Trichlorophenol
 Concen: 39.63 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:196 Resp: 172490
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.4
 200 30.5 24.0 36.0



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

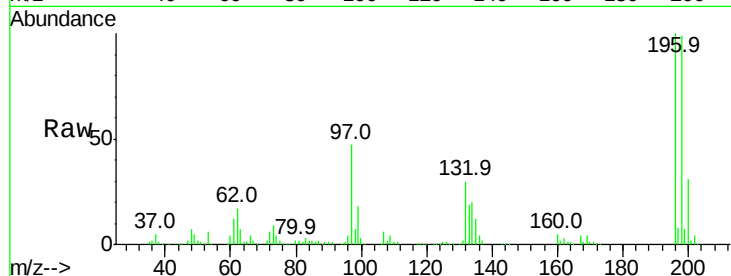




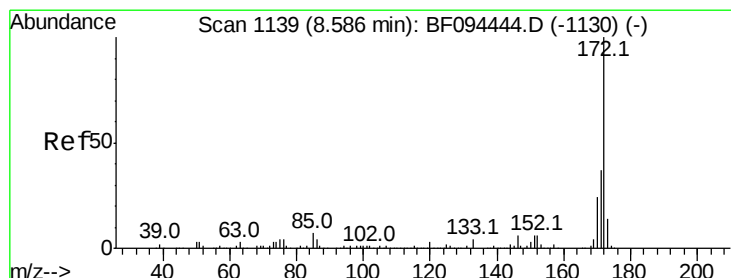
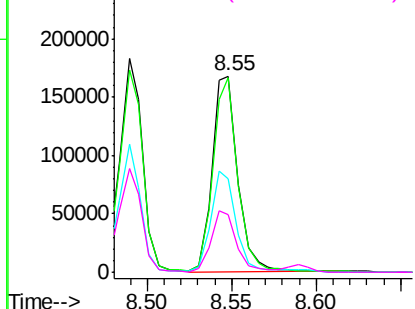
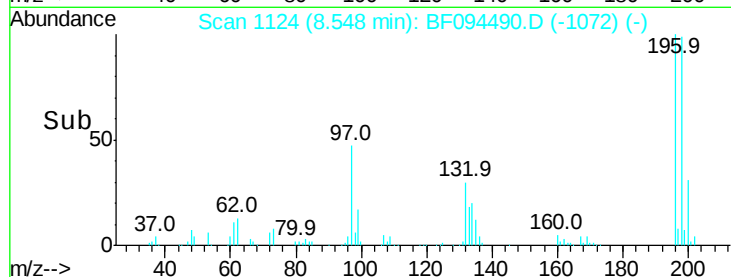
#43
 2,4,5-Trichlorophenol
 Concen: 39.70 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 177431
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.7 113.5
 97 47.5 47.7 71.5#
 132 29.7 28.0 42.0

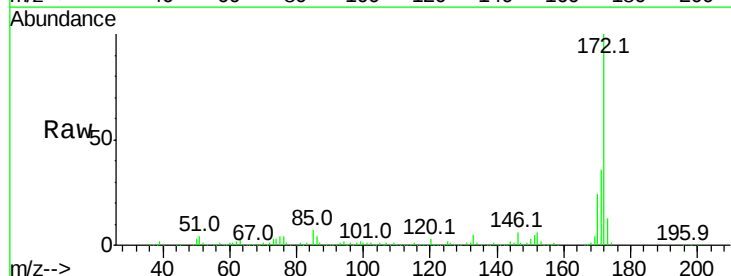


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

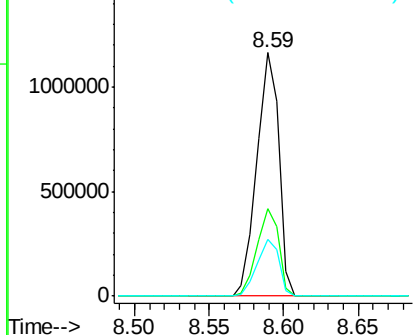
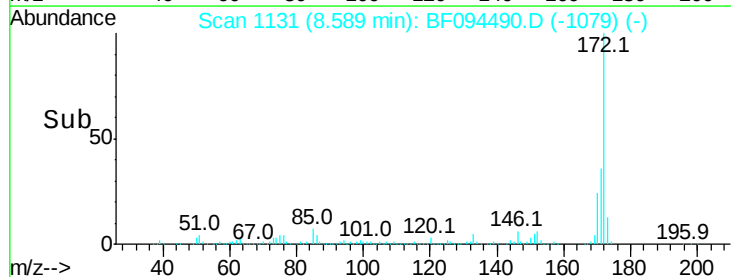


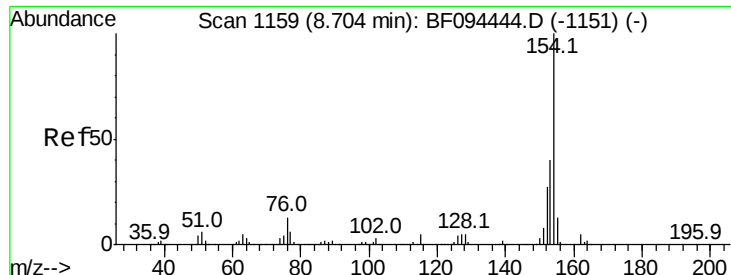
#44
 2-Fluorobiphenyl
 Concen: 79.46 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:172 Resp: 1175357
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.5 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: 38.92 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

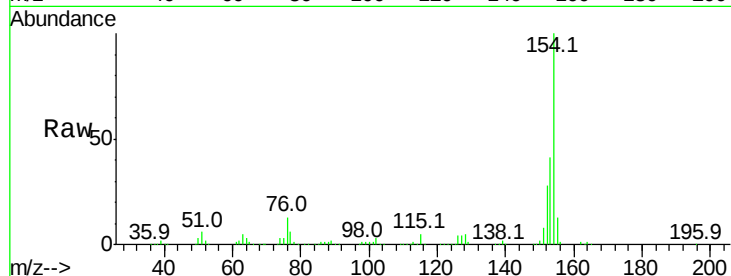
Tot Ion:154 Resp: 692024

Ion Ratio Lower Upper

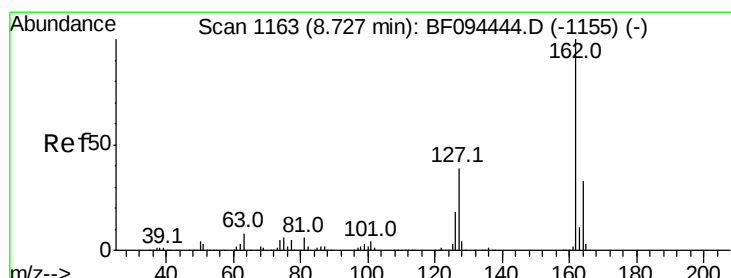
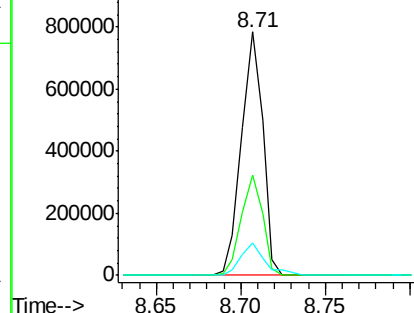
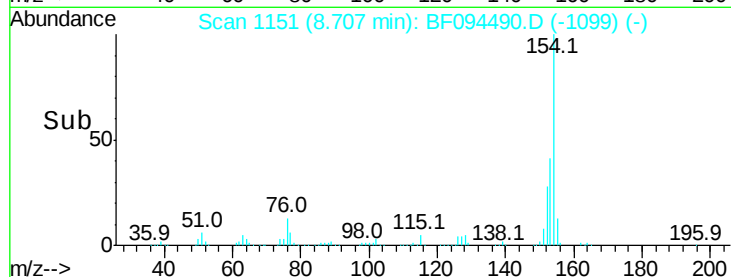
154 100

153 41.4 21.2 61.2

76 13.2 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 39.36 ng

RT: 8.72 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

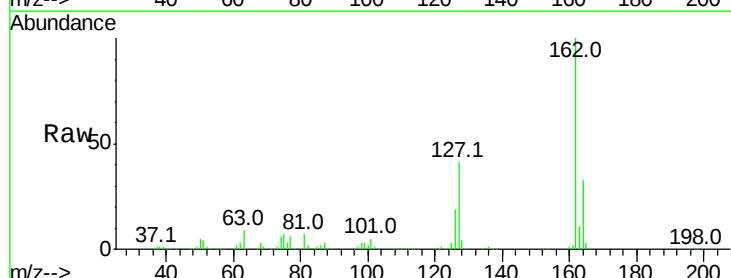
Tgt Ion:162 Resp: 556442

Ion Ratio Lower Upper

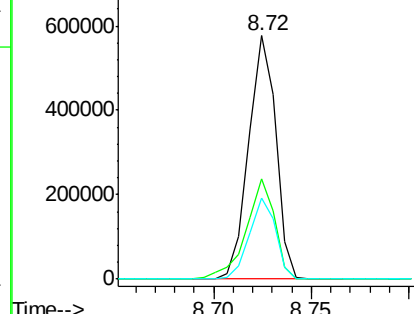
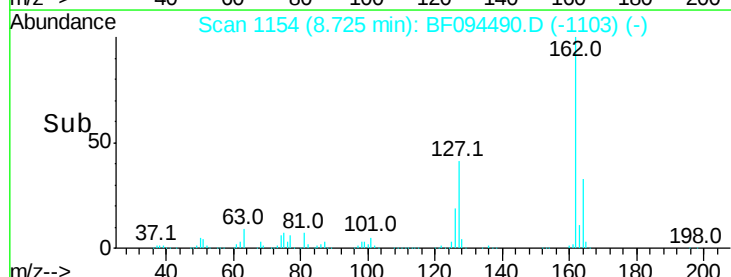
162 100

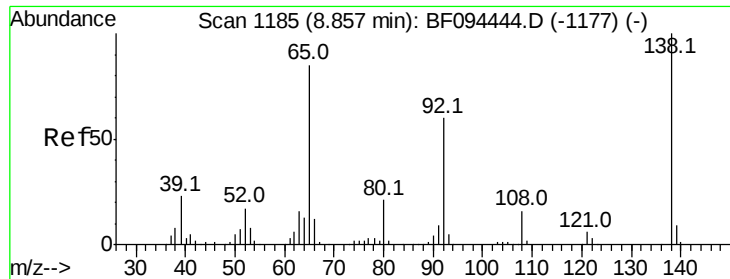
127 40.9 28.3 42.5

164 33.4 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

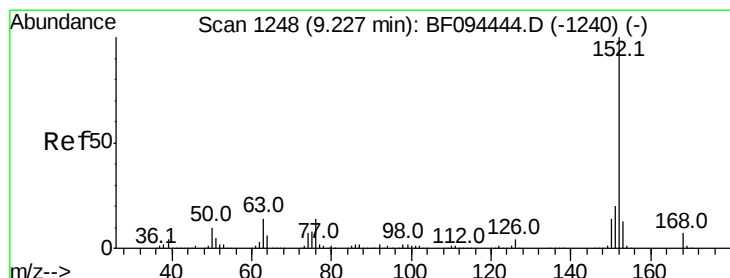
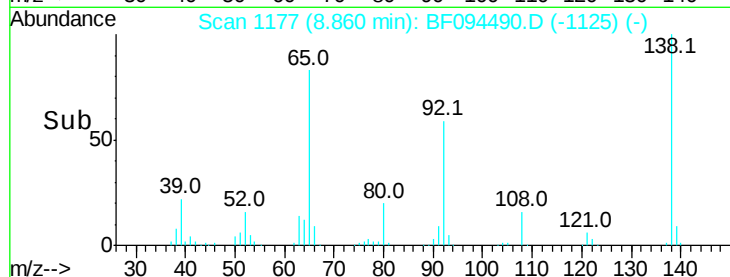
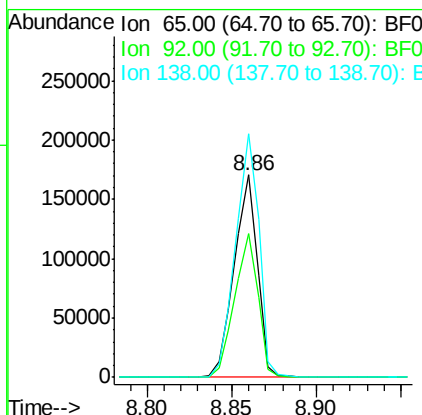
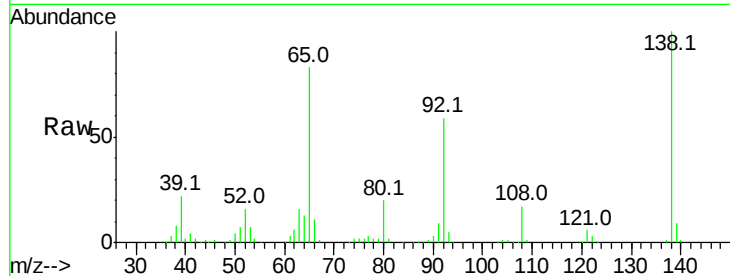




#47
 2-Nitroaniline
 Concen: 39.96 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

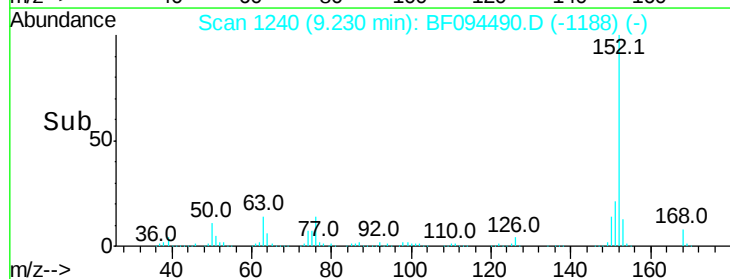
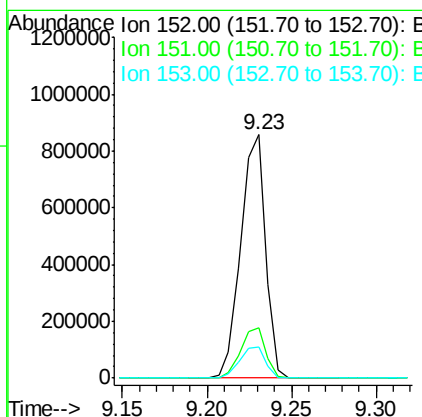
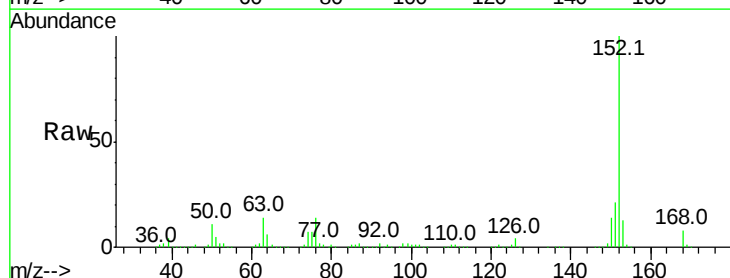
Instrument :
 BNA_F
 ClientSampleId :

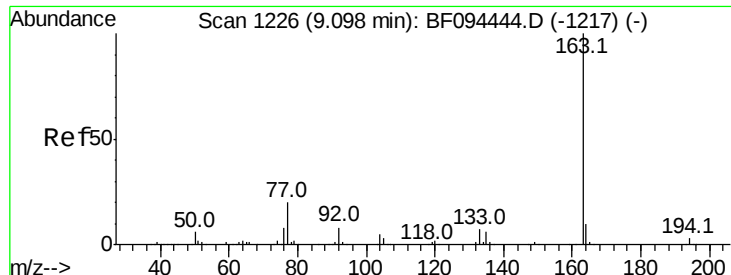
Tot Ion: 65 Resp: 162521
 Ion Ratio Lower Upper
 65 100
 92 71.4 53.9 80.9
 138 120.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.83 ng
 RT: 9.23 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:152 Resp: 877857
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 12.8 10.8 16.2

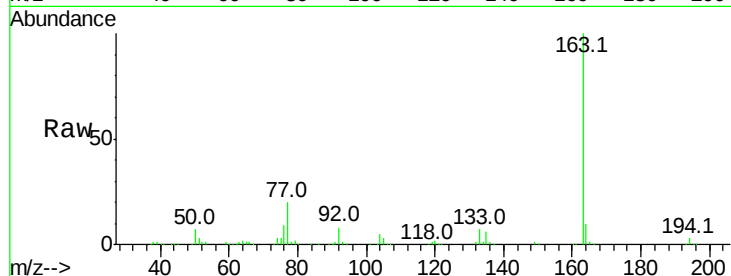




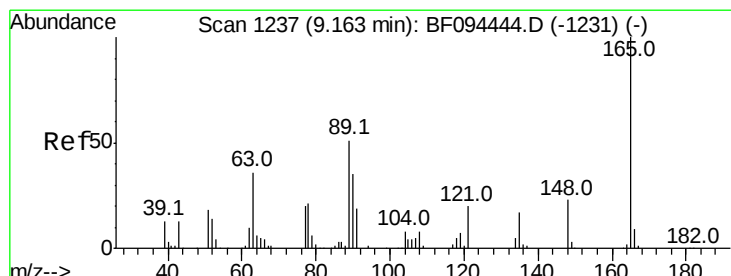
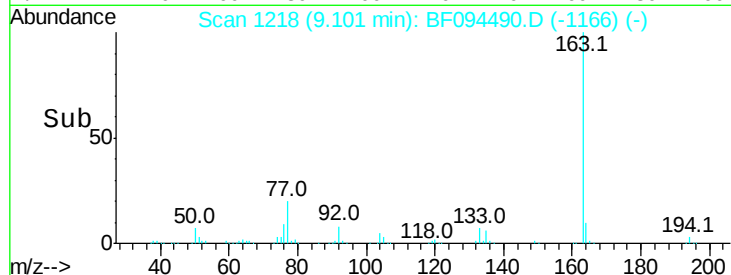
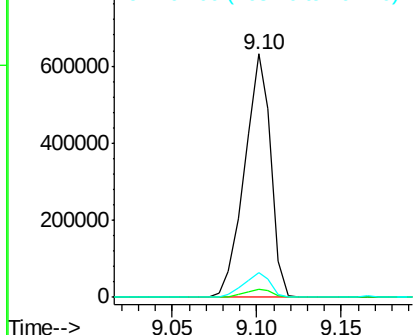
#49
Dimethylphthalate
Concen: 41.99 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 681101
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

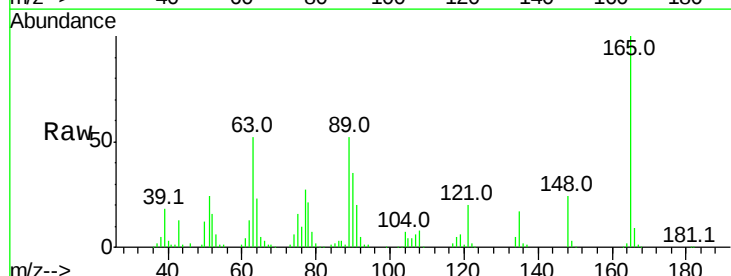


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

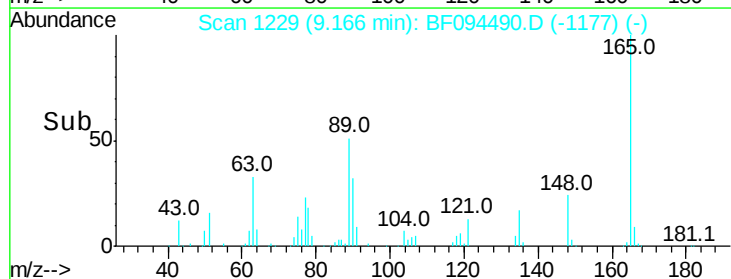
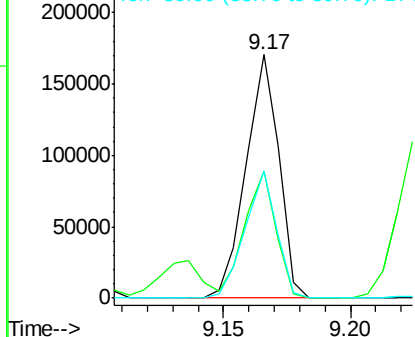


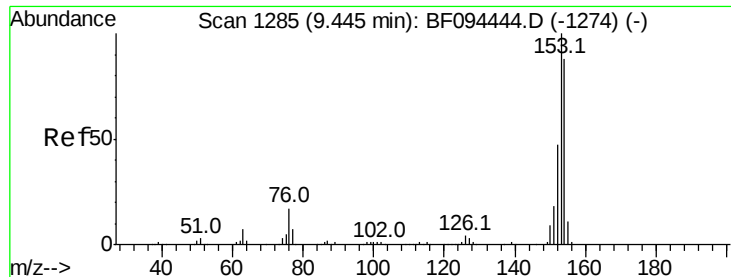
#50
2,6-Dinitrotoluene
Concen: 42.08 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion:165 Resp: 153183
Ion Ratio Lower Upper
165 100
63 52.0 34.3 51.5#
89 52.1 37.1 55.7



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





#51

Acenaphthene

Concen: 40.44 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

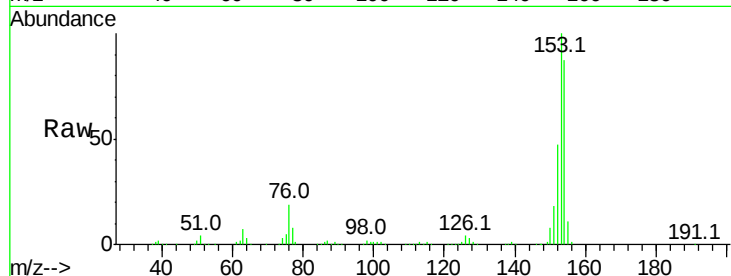
Tot Ion:154 Resp: 533878

Ion Ratio Lower Upper

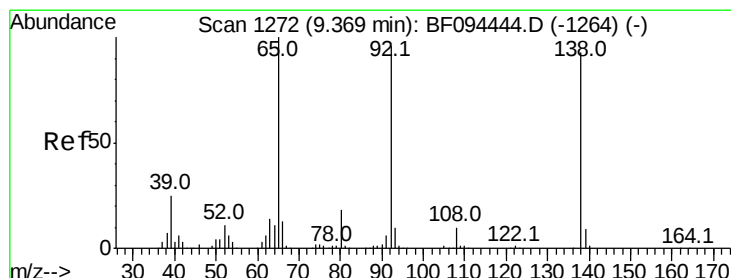
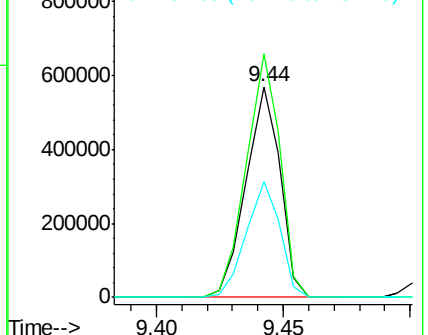
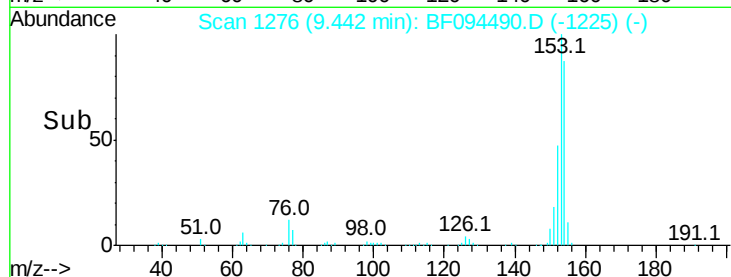
154 100

153 115.6 90.5 135.7

152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.85 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

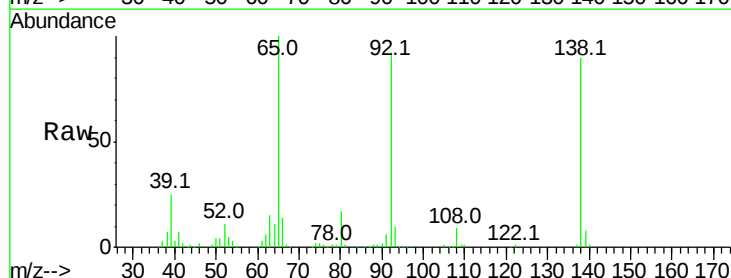
Tgt Ion:138 Resp: 176249

Ion Ratio Lower Upper

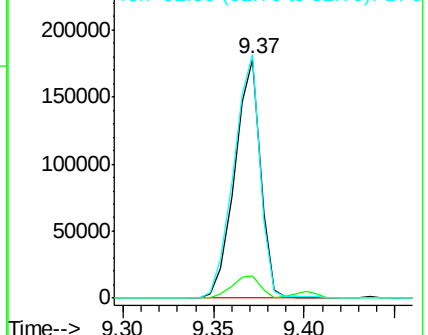
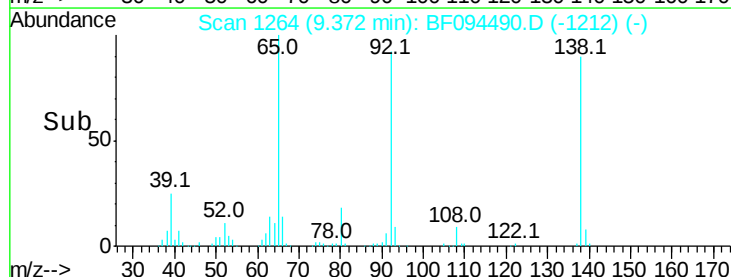
138 100

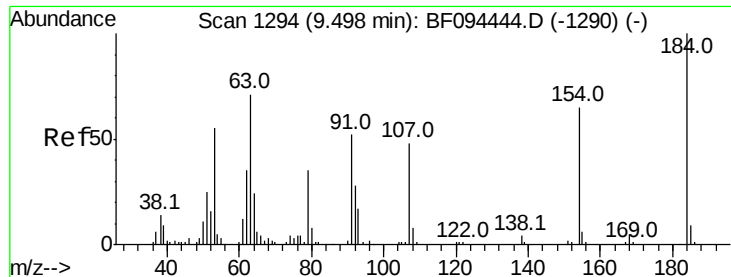
108 9.6 9.1 13.7

92 102.1 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

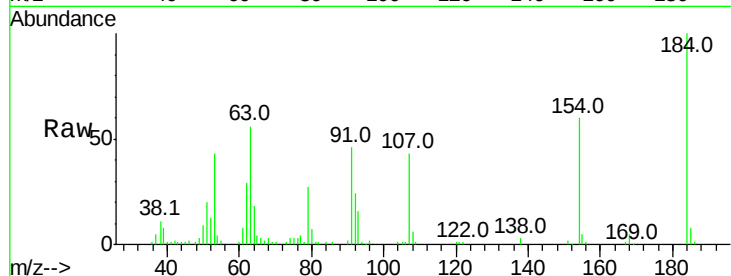




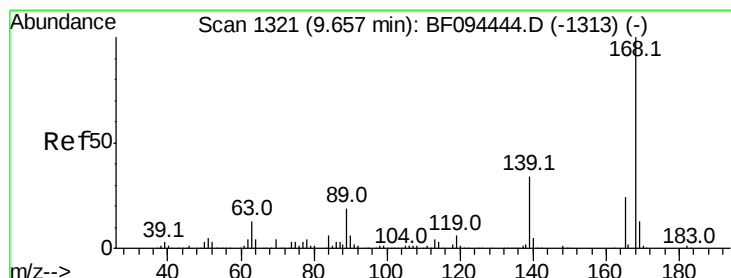
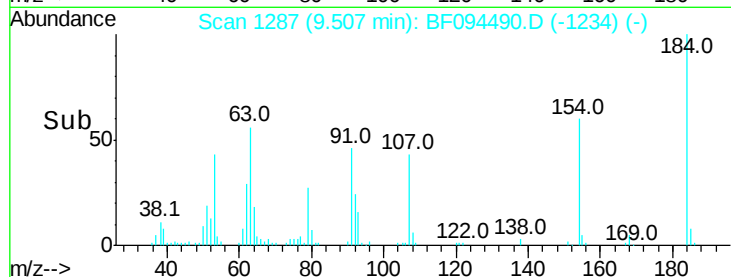
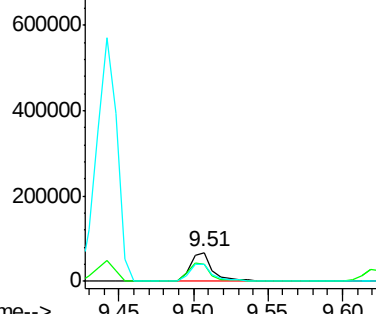
#53
 2,4-Dinitrophenol
 Concen: 40.46 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 73855
 Ion Ratio Lower Upper
 184 100
 63 56.5 62.7 94.1#
 154 60.0 81.1 121.7#

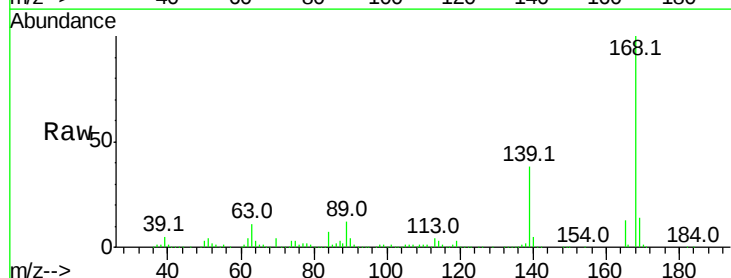


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

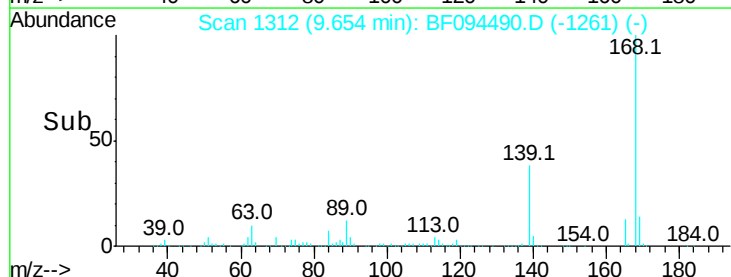
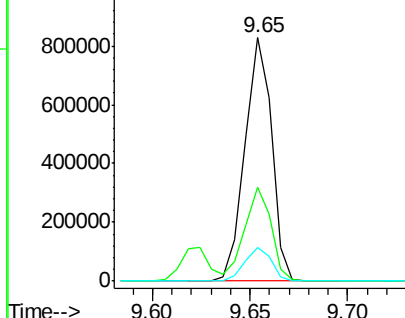


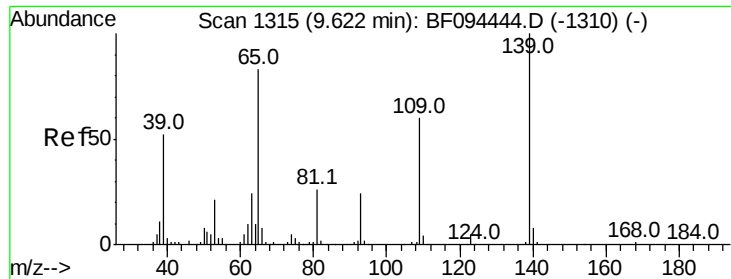
#54
 Dibenzofuran
 Concen: 41.06 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:168 Resp: 787812
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.6 45.8
 169 13.9 10.8 16.2



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

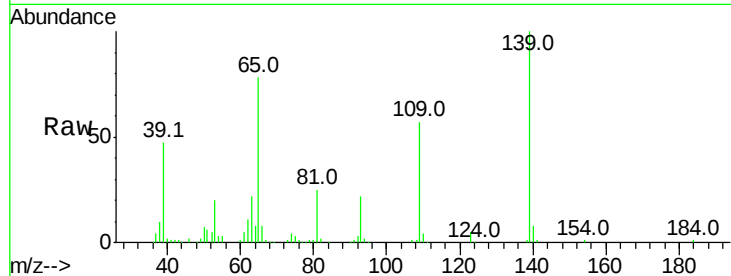




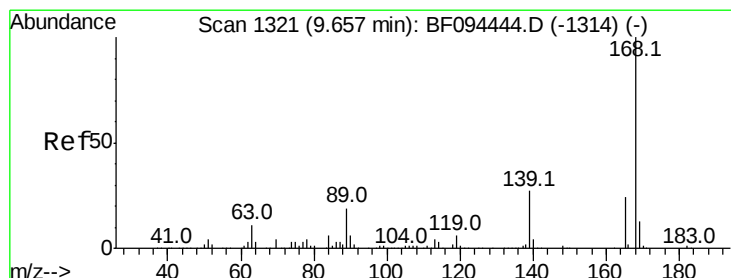
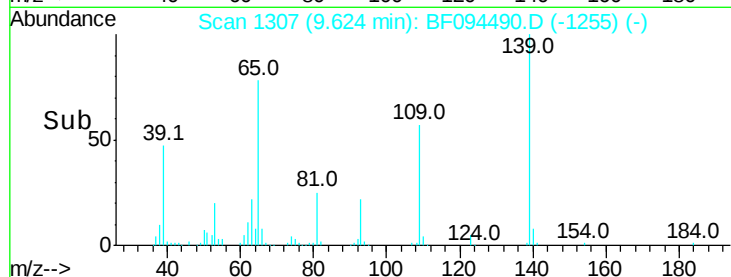
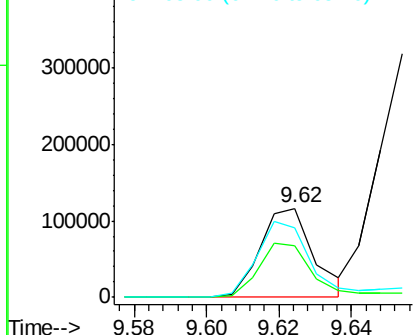
#55
4-Nitrophenol
Concen: 40.15 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 119456
Ion Ratio Lower Upper
139 100
109 57.5 34.1 74.1
65 78.4 31.4 71.4#

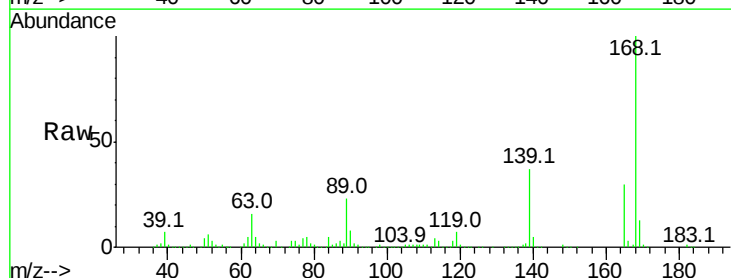


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

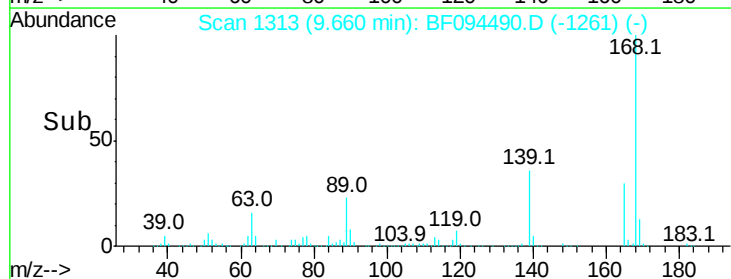
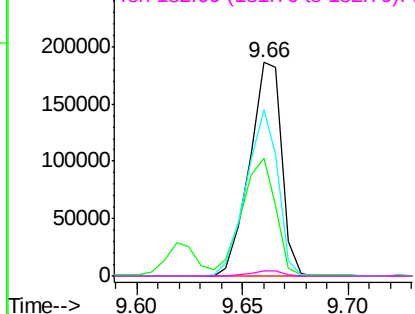


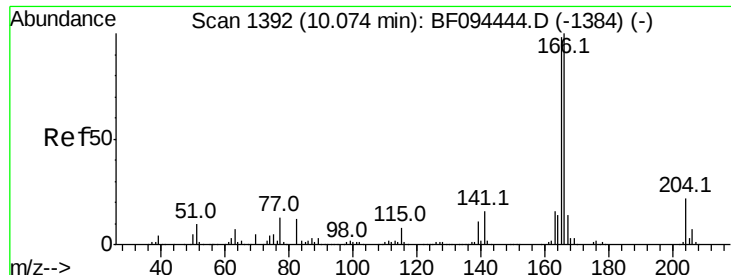
#56
2,4-Dinitrotoluene
Concen: 44.00 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion:165 Resp: 196548
Ion Ratio Lower Upper
165 100
63 55.0 25.4 38.0#
89 78.0 46.4 69.6#
182 2.4 1.8 2.6



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

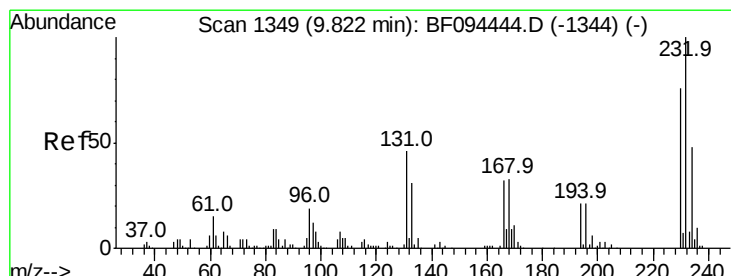
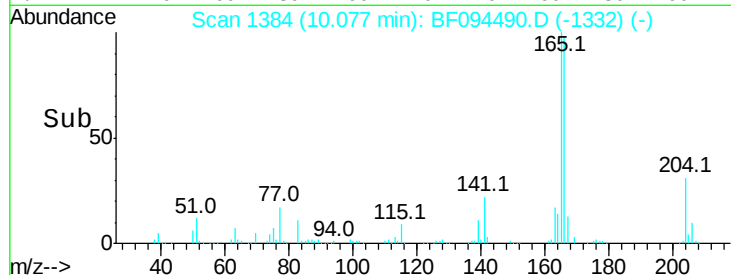
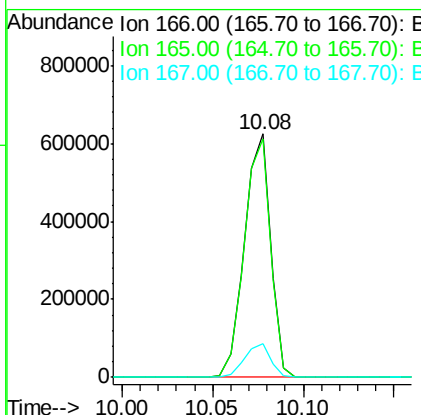
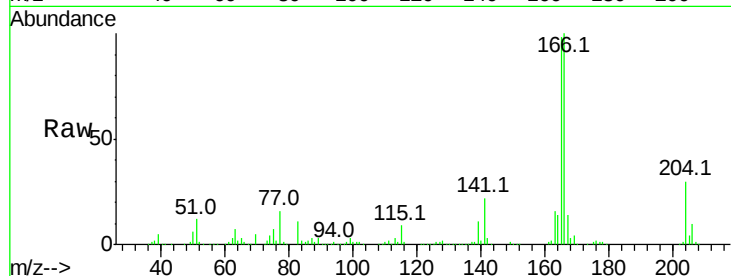




#57
Fluorene
 Concen: 41.81 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

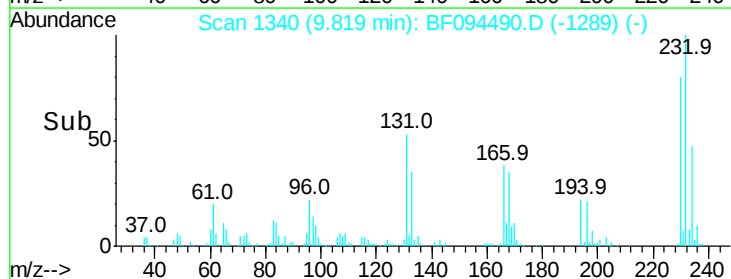
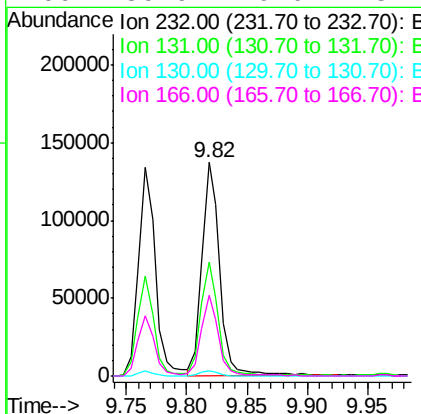
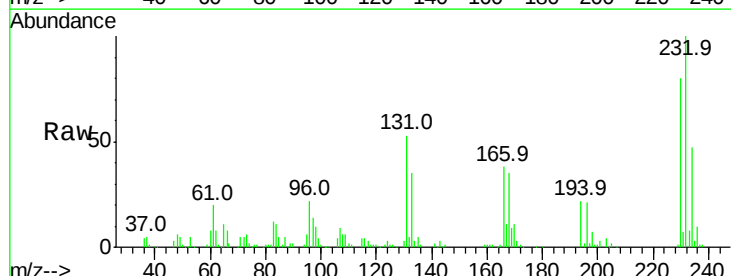
Instrument :
 BNA_F
 ClientSampleId :

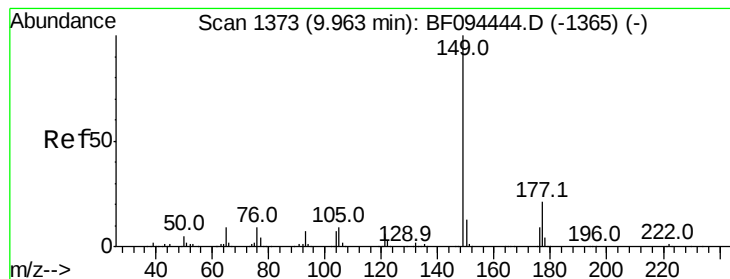
Tot Ion:166 Resp: 624705
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.8 118.2
 167 13.7 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.46 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:232 Resp: 139217
 Ion Ratio Lower Upper
 232 100
 131 51.4 44.8 67.2
 130 2.4 2.3 3.5
 166 36.6 29.0 43.4





#59

Diethylphthalate

Concen: 41.49 ng

RT: 9.97 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

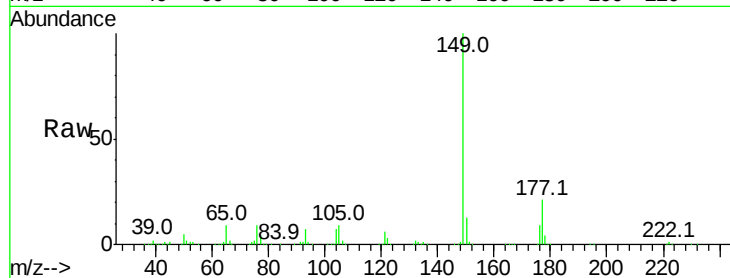
Tot Ion:149 Resp: 634859

Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

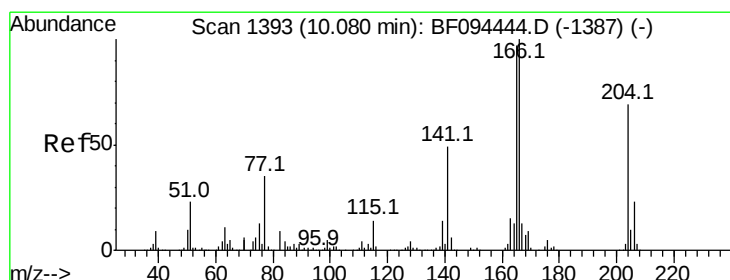
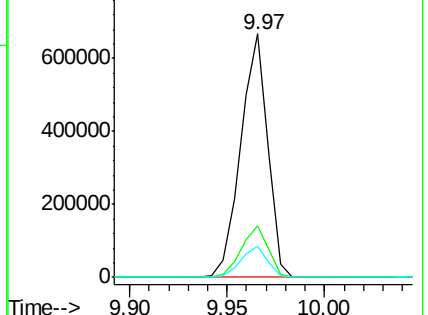
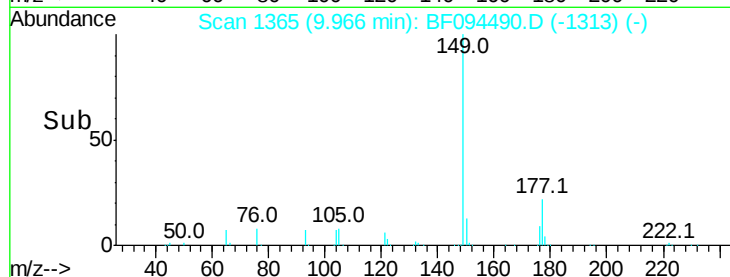
150 12.5 10.2 15.2



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: 43.08 ng

RT: 10.08 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

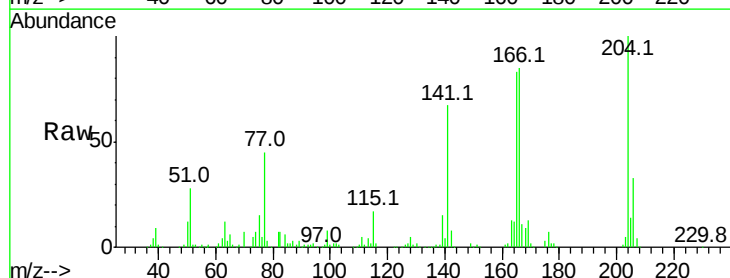
Tgt Ion:204 Resp: 267877

Ion Ratio Lower Upper

204 100

206 32.9 26.2 39.2

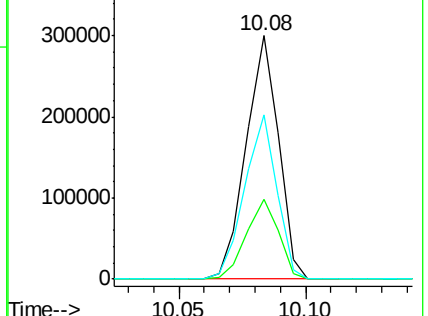
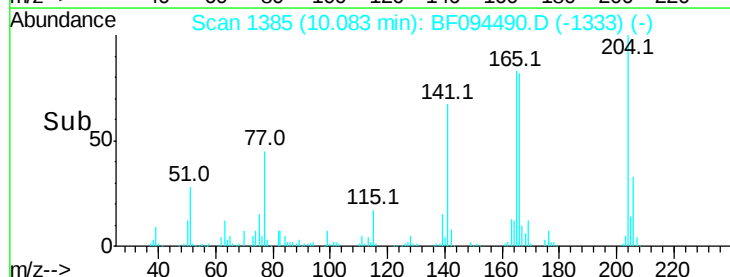
141 67.5 60.8 91.2

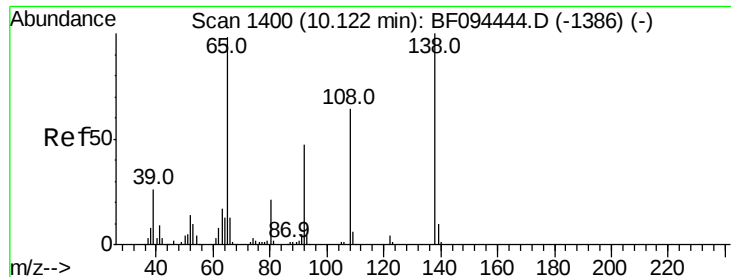


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.84 ng

RT: 10.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

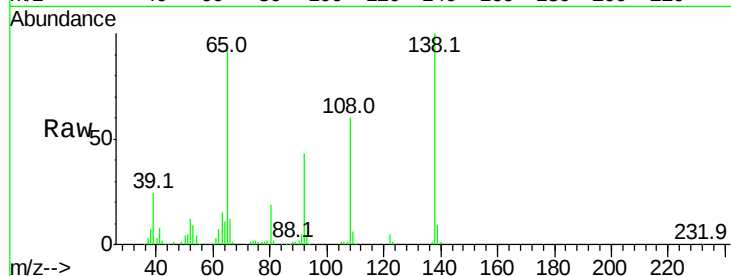
Tot Ion:138 Resp: 166317

Ion Ratio Lower Upper

138 100

92 43.5 21.8 61.8

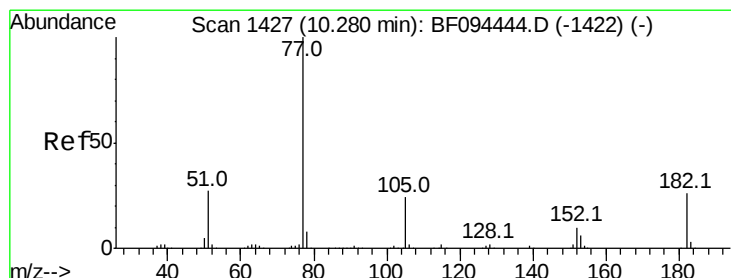
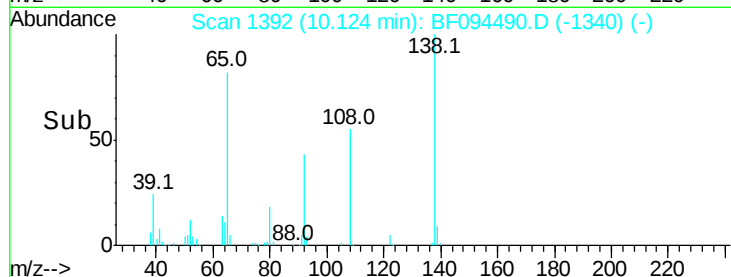
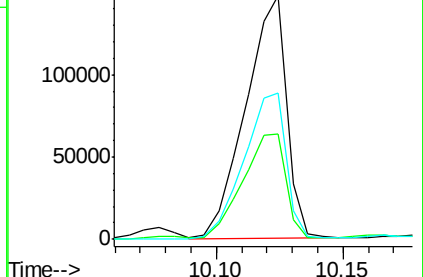
108 60.1 42.3 82.3



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: 43.15 ng

RT: 10.28 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion: 77 Resp: 641124

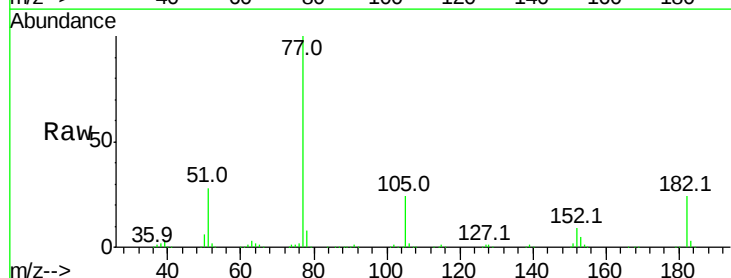
Ion Ratio Lower Upper

77 100

182 23.5 0.1 40.1

105 23.8 3.6 43.6

51 27.9 9.4 49.4

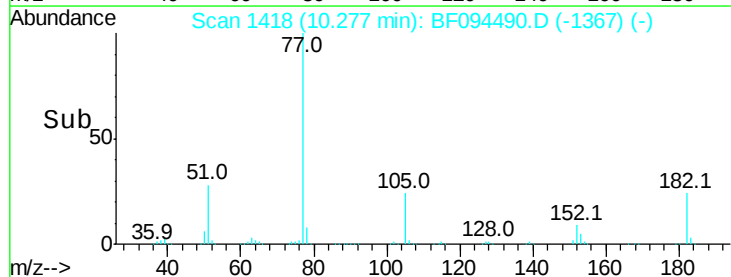
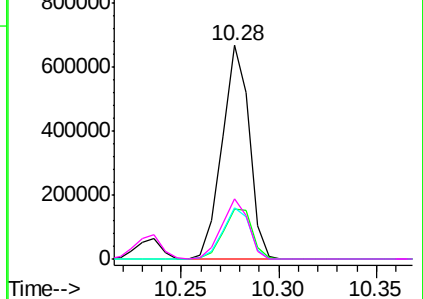


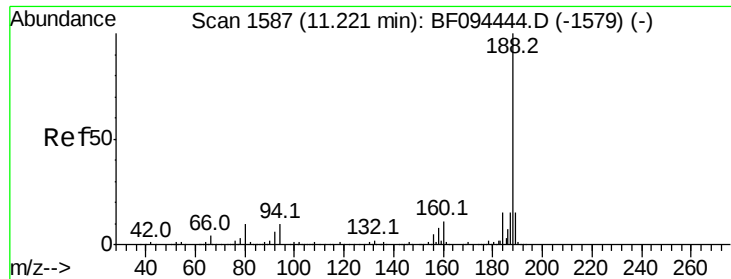
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

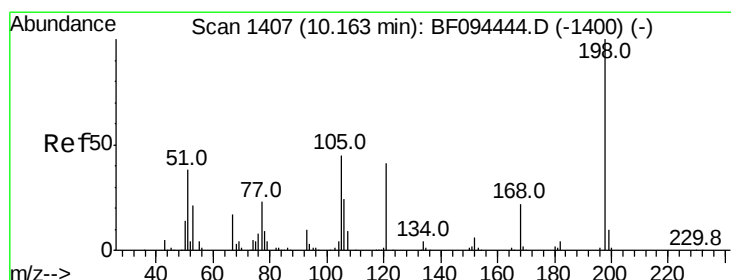
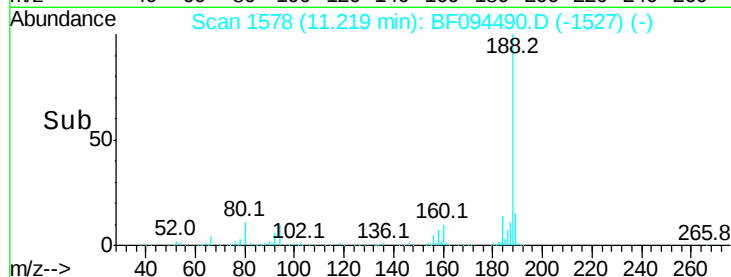
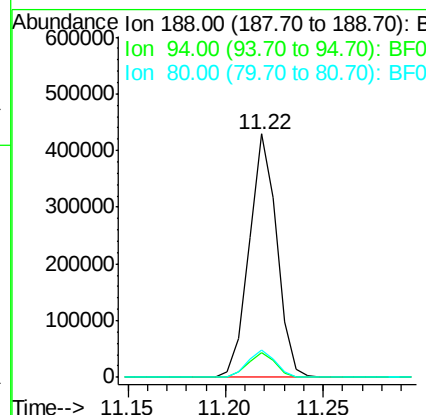
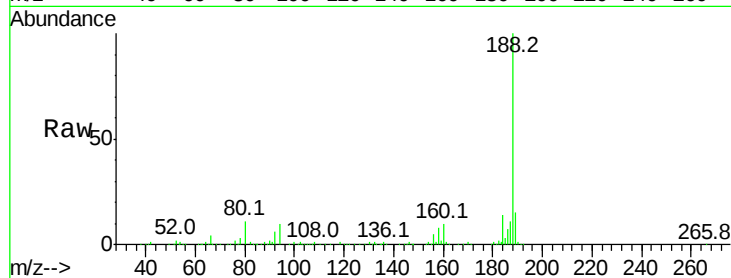




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

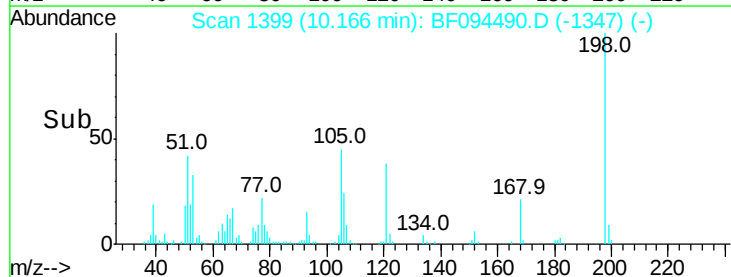
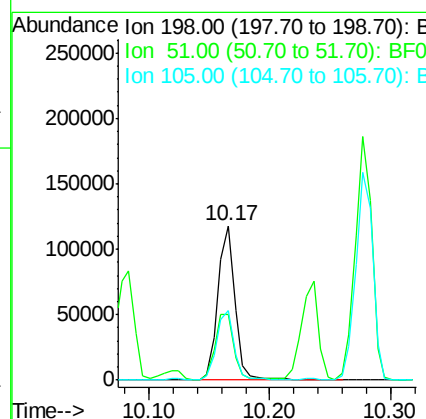
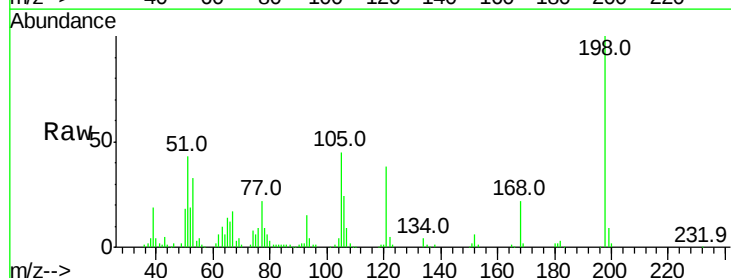
Instrument :
 BNA_F
 ClientSampleId :

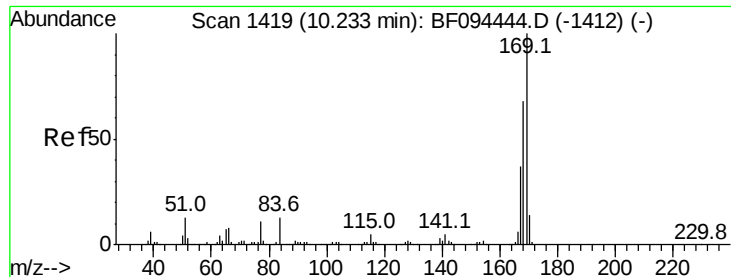
Tot Ion:188 Resp: 417940
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 11.4 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.75 ng
 RT: 10.17 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:198 Resp: 114314
 Ion Ratio Lower Upper
 198 100
 51 42.6 53.2 93.2#
 105 45.2 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 38.07 ng

RT: 10.24 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

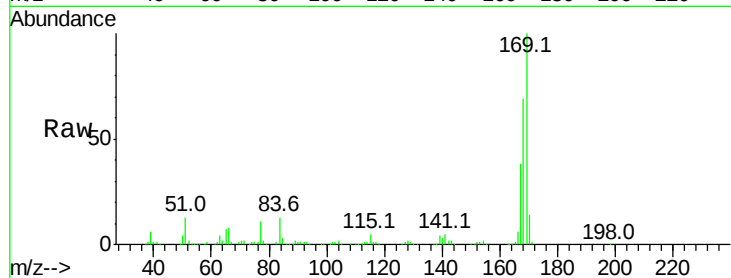
Tot Ion:169 Resp: 553404

Ion Ratio Lower Upper

169 100

168 69.2 53.2 79.8

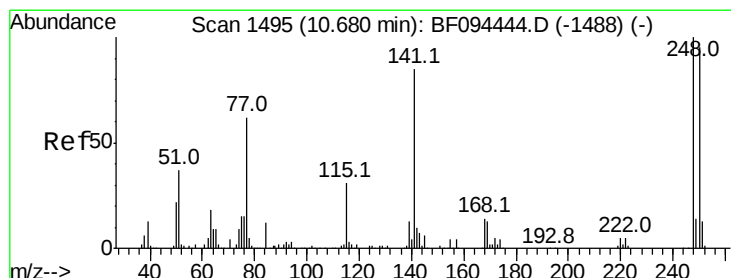
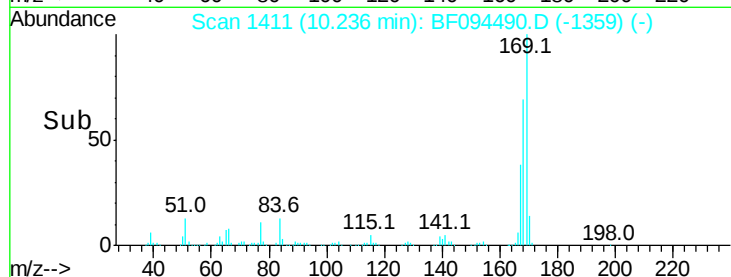
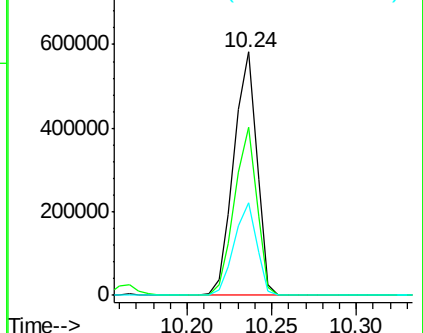
167 37.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.33 ng

RT: 10.68 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

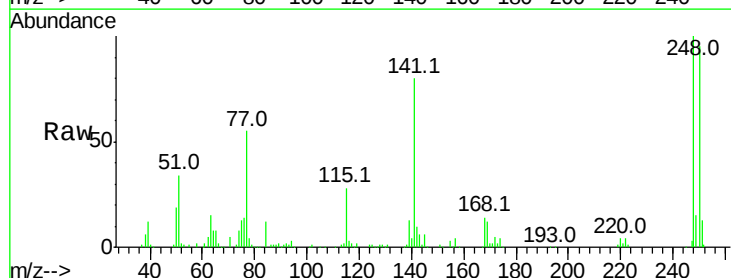
Tgt Ion:248 Resp: 163204

Ion Ratio Lower Upper

248 100

250 95.0 76.8 115.2

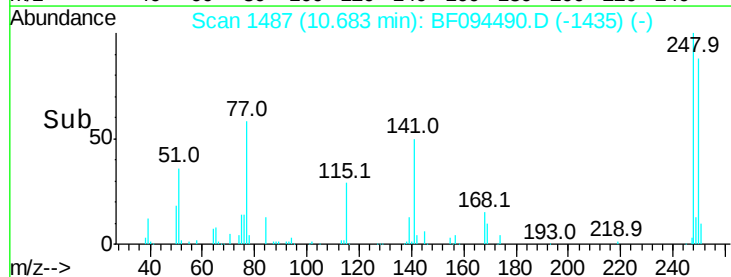
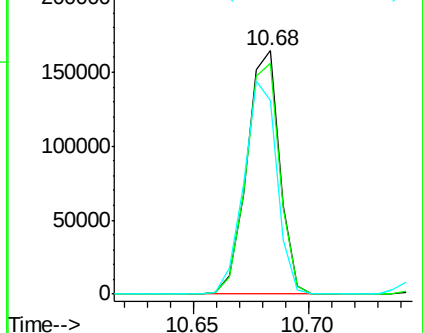
141 79.5 68.6 103.0

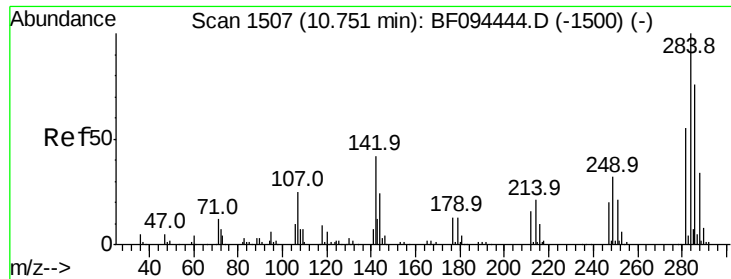


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

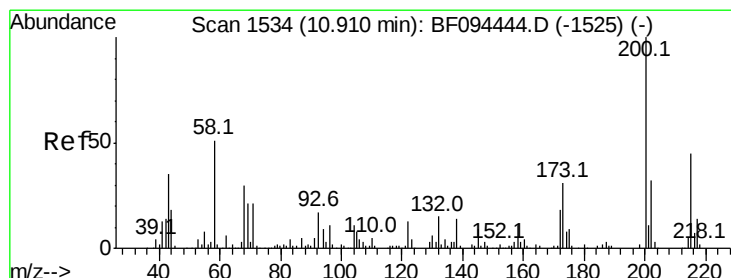
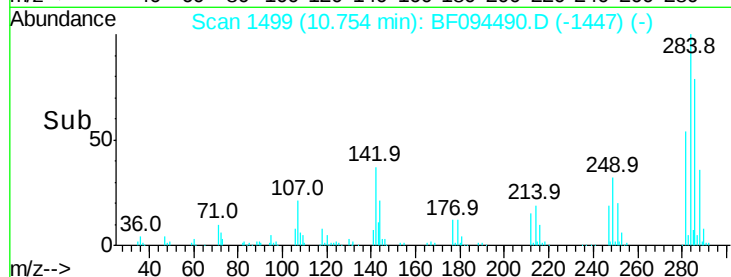
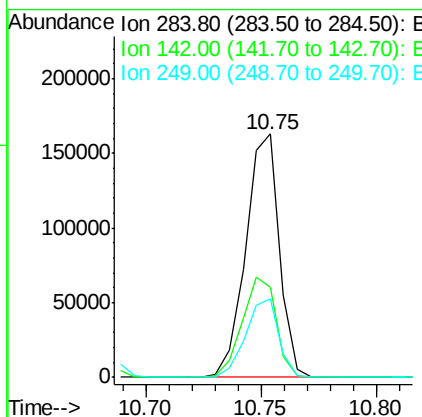
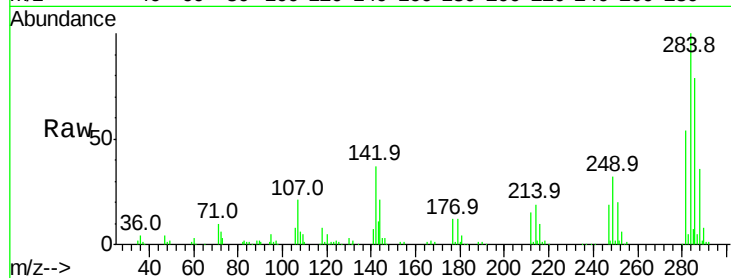




#67
Hexachlorobenzene
Concen: 39.45 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

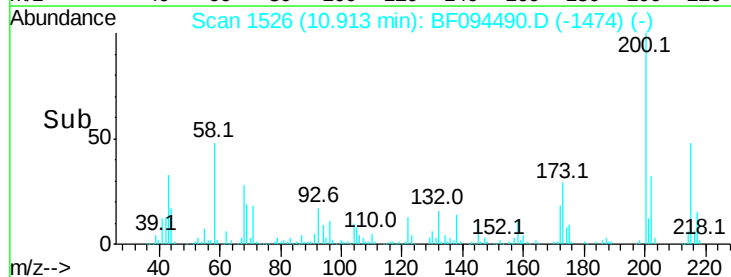
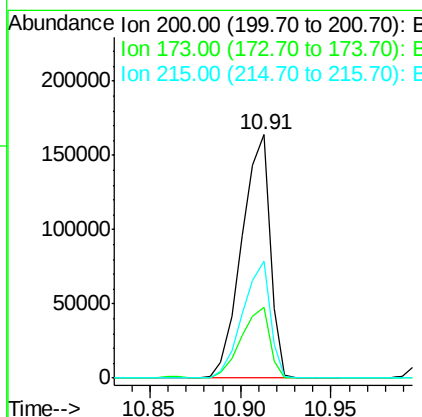
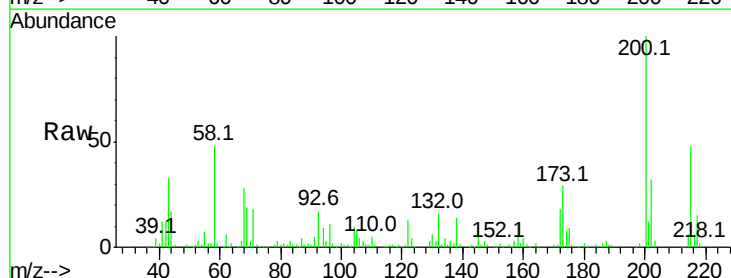
Instrument :
BNA_F
ClientSampleId :

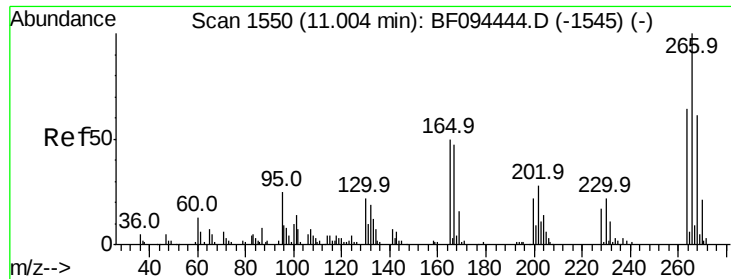
Tot Ion:284 Resp: 164980
Ion Ratio Lower Upper
284 100
142 37.0 22.8 34.2#
249 32.2 24.0 36.0



#68
Atrazine
Concen: 41.14 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion:200 Resp: 178899
Ion Ratio Lower Upper
200 100
173 29.0 6.3 46.3
215 48.0 27.2 67.2

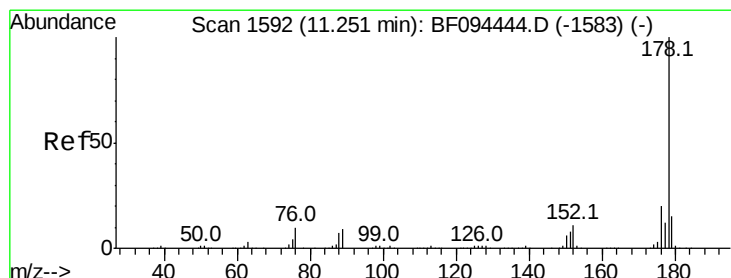
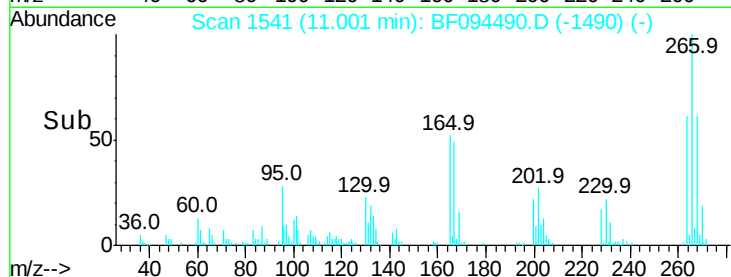
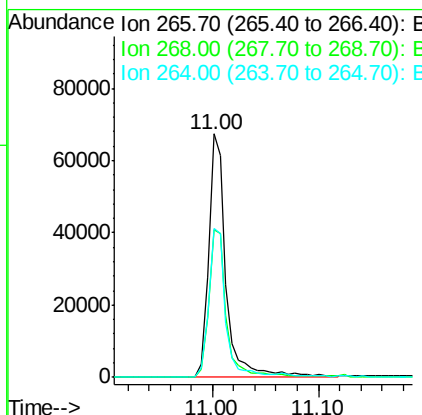
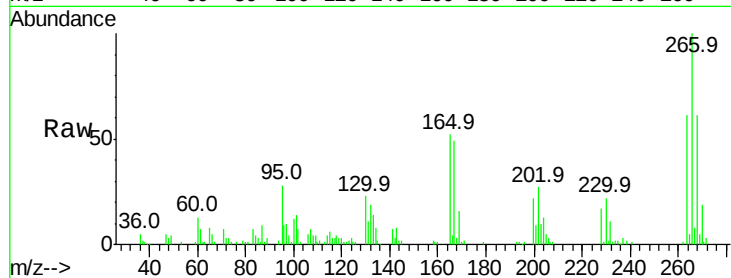




#69
 Pentachlorophenol
 Concen: 46.82 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

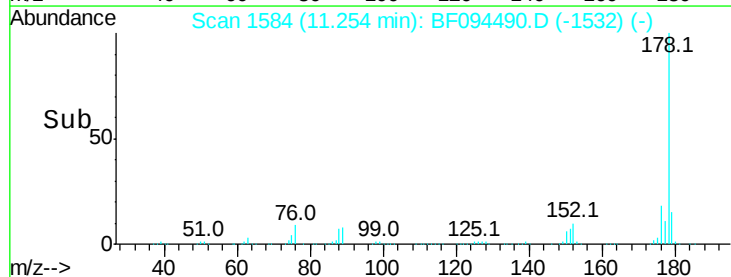
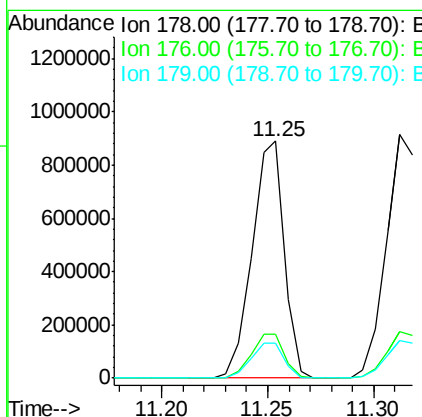
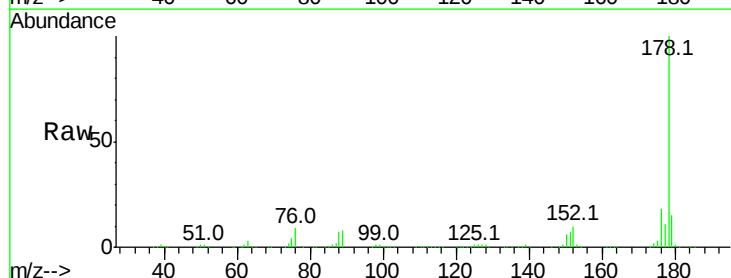
Instrument :
 BNA_F
 ClientSampled :

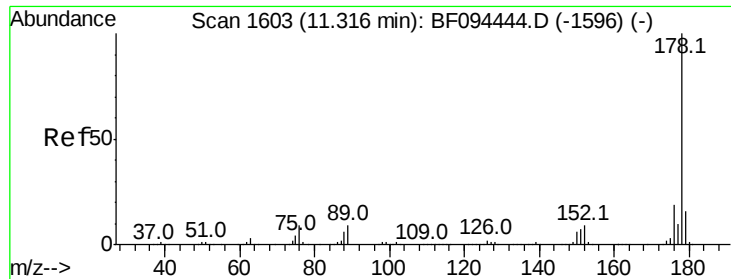
Tot Ion:266 Resp: 77746
 Ion Ratio Lower Upper
 266 100
 268 60.5 51.1 76.7
 264 61.2 51.7 77.5



#70
 Phenanthrene
 Concen: 39.87 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:178 Resp: 938432
 Ion Ratio Lower Upper
 178 100
 176 18.4 16.2 24.4
 179 14.8 12.6 19.0

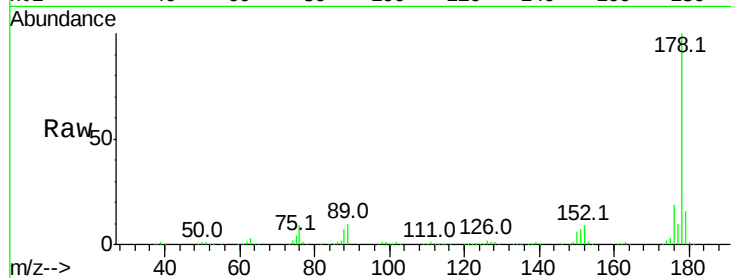




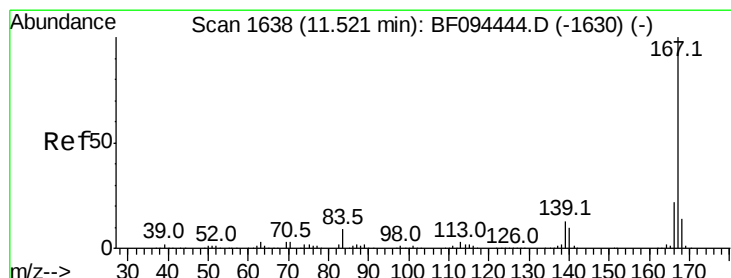
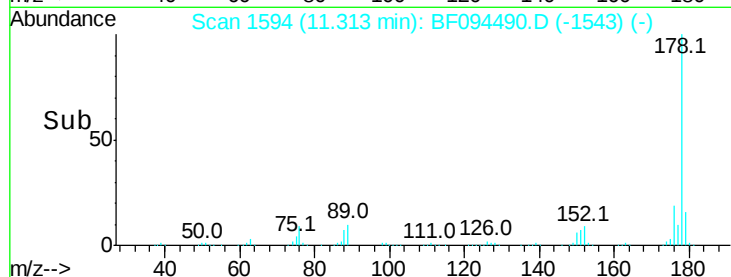
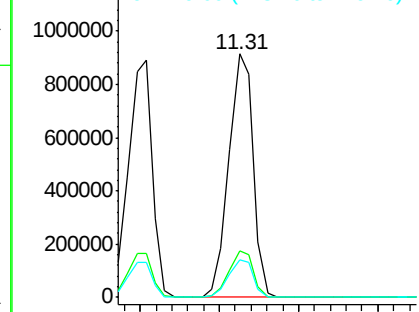
#71
 Anthracene
 Concen: 39.89 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 971086
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.5 12.7 19.1

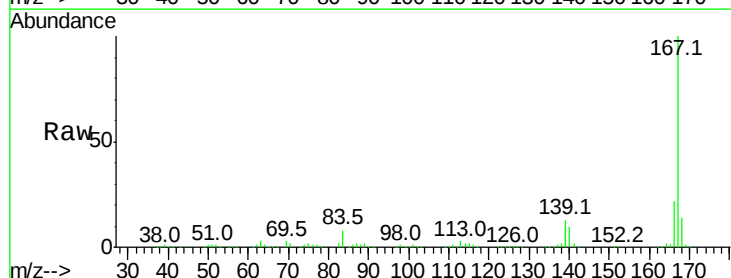


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

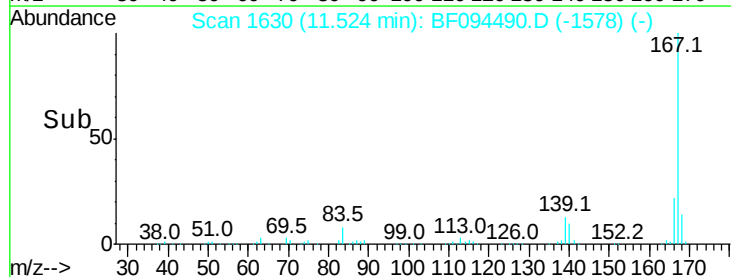
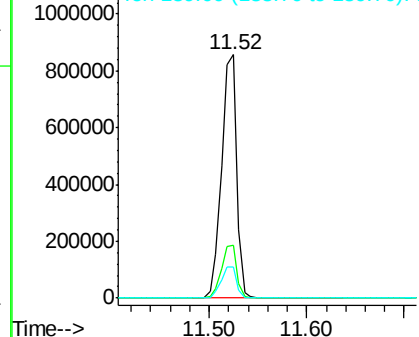


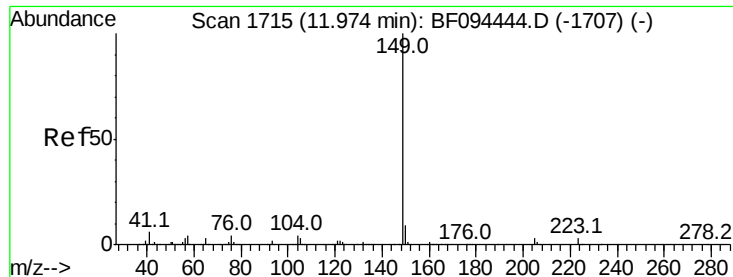
#72
 Carbazole
 Concen: 40.28 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:167 Resp: 920311
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 13.0 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

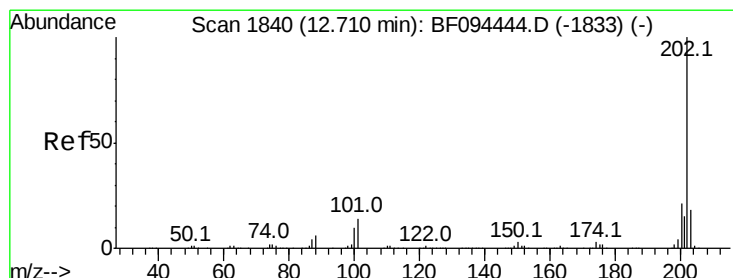
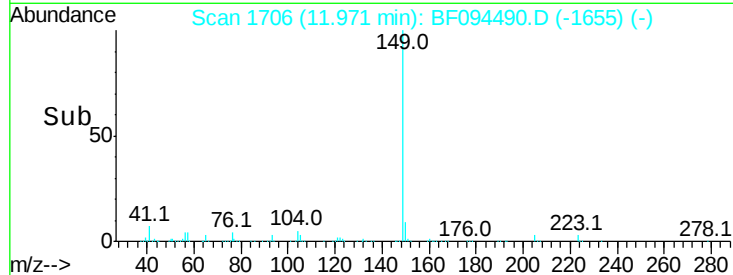
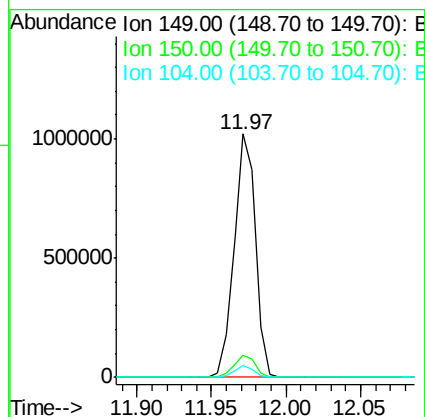
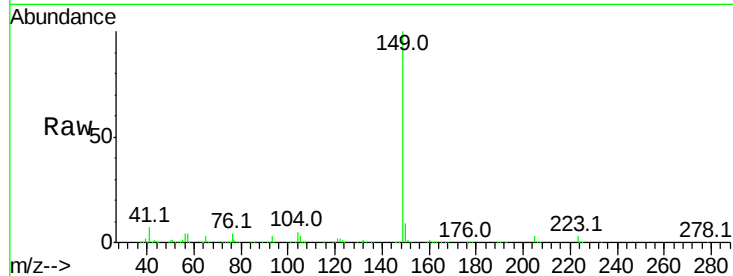




#73
Di-n-butylphthalate
Concen: 40.85 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

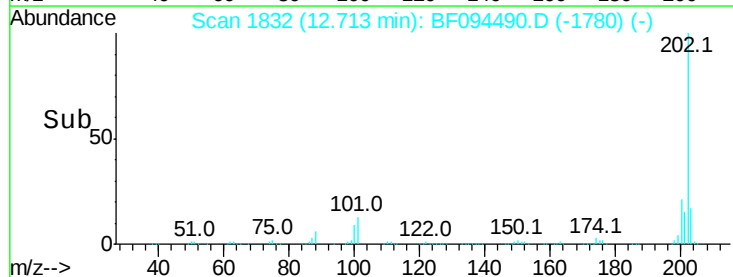
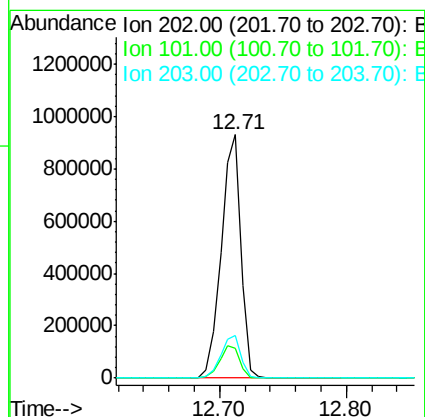
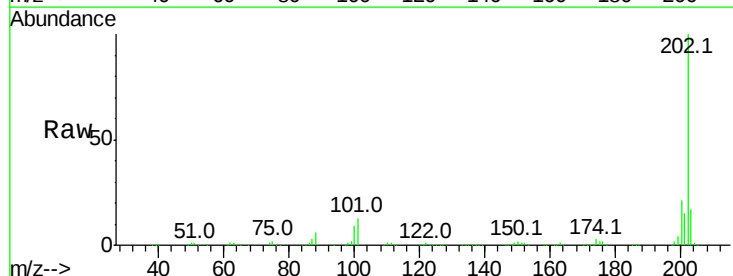
Instrument :
BNA_F
ClientSampleId :

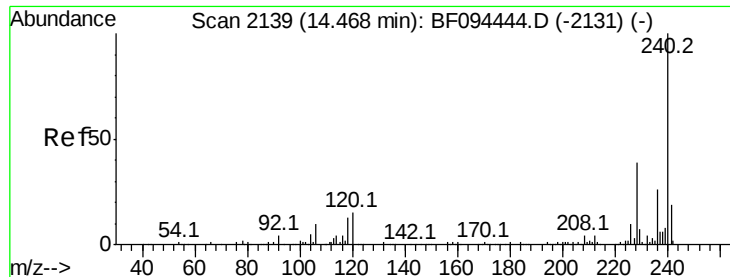
Tot Ion:149 Resp: 1027849
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.7 4.0 6.0



#74
Fluoranthene
Concen: 41.17 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion:202 Resp: 1004300
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
203 17.4 0.0 38.1

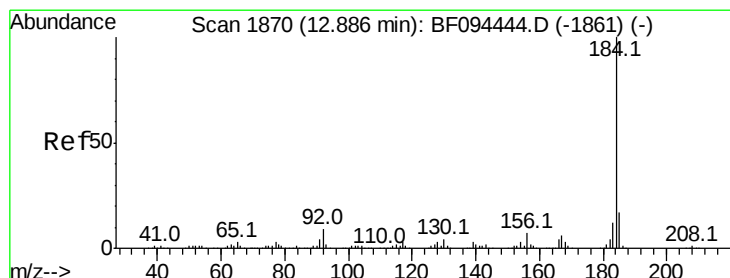
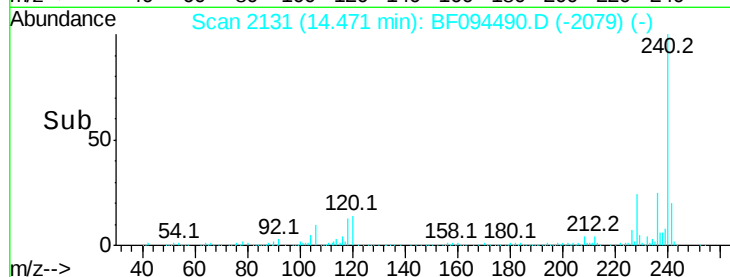
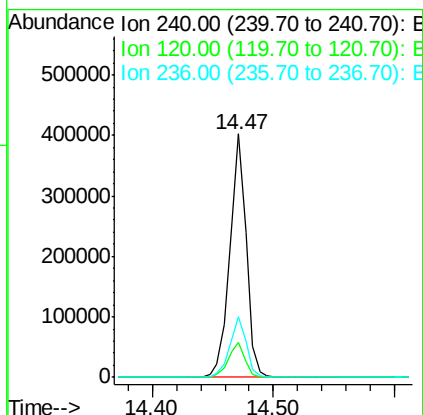
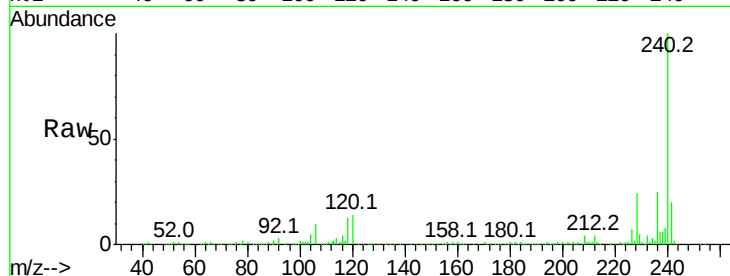




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

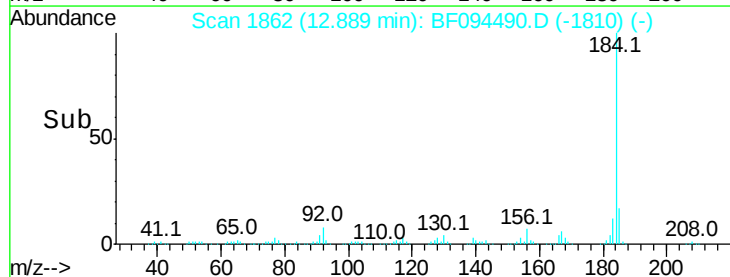
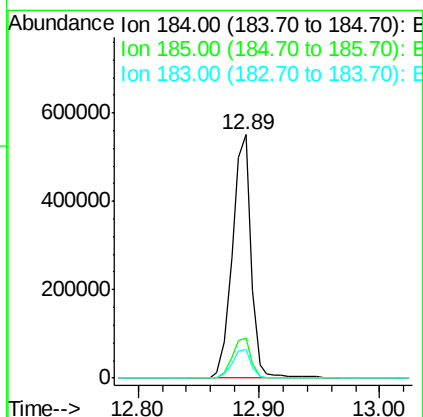
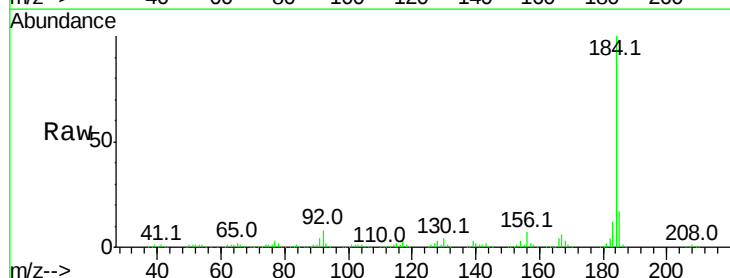
Instrument :
 BNA_F
 ClientSampleId :

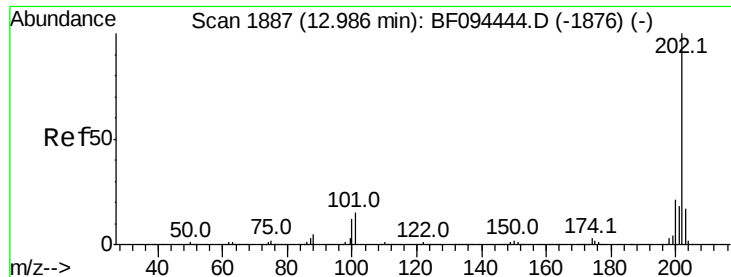
Tot Ion:240 Resp: 381902
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 24.8 20.5 30.7



#76
 Benzidine
 Concen: 38.59 ng
 RT: 12.89 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:184 Resp: 596674
 Ion Ratio Lower Upper
 184 100
 185 16.7 15.5 23.3
 183 11.8 9.8 14.6

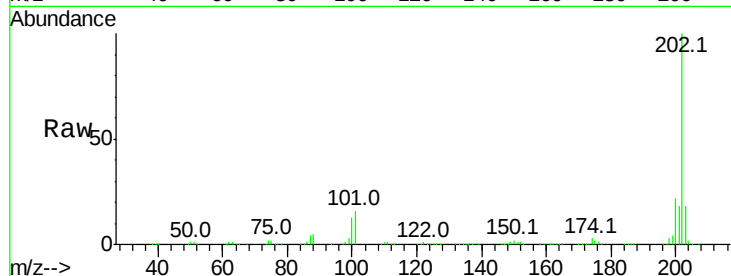




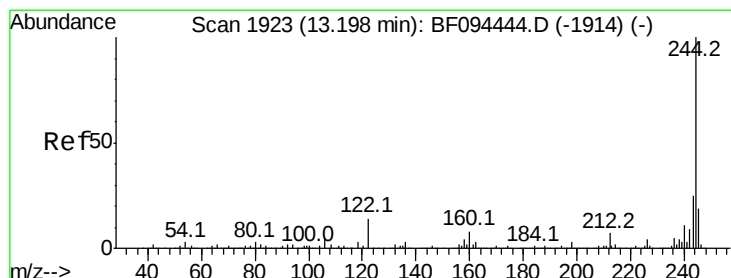
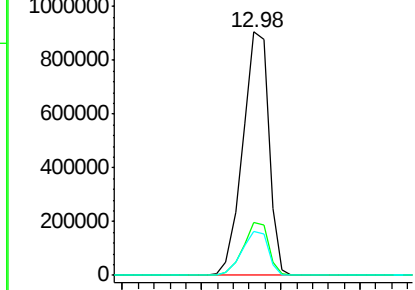
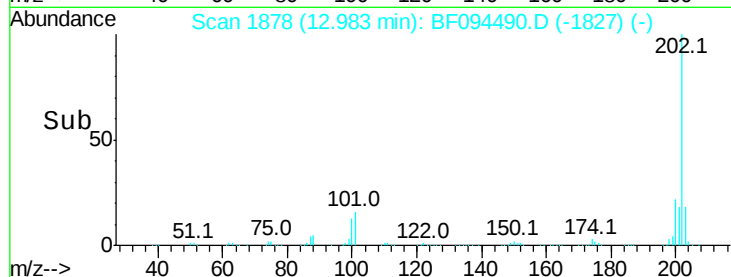
#77
Pvrene
Concen: 38.50 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1027273
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.9 14.4 21.6

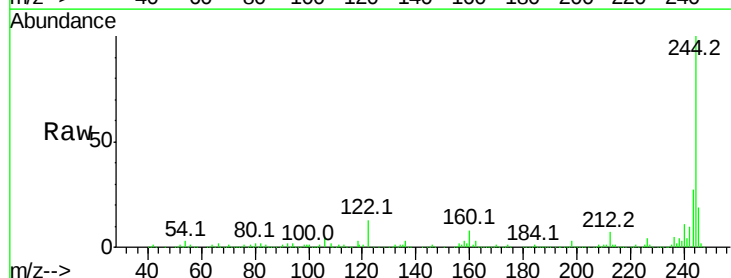


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

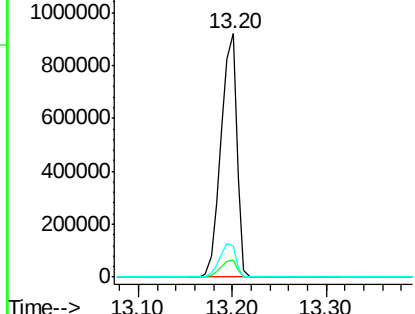
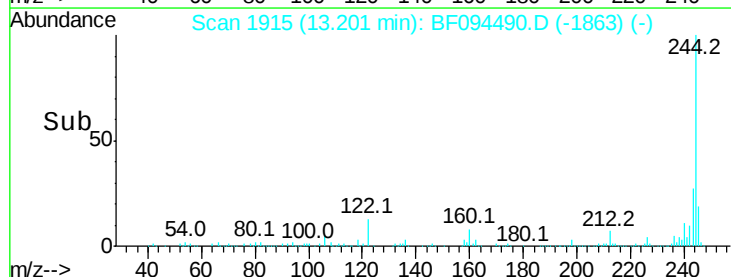


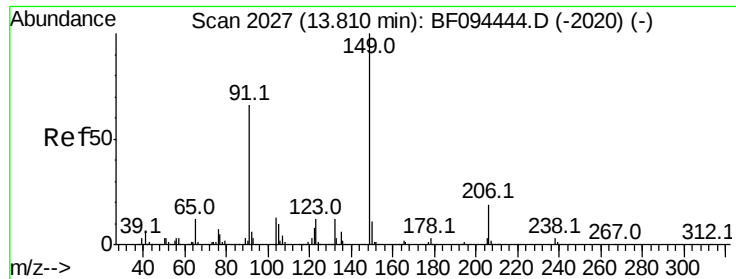
#78
Terphenyl-d14
Concen: 76.40 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion:244 Resp: 1091645
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 12.9 10.3 15.5



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

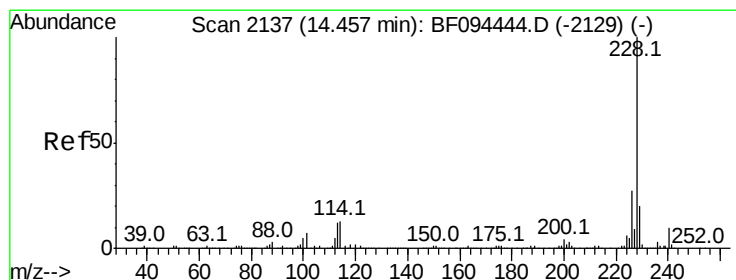
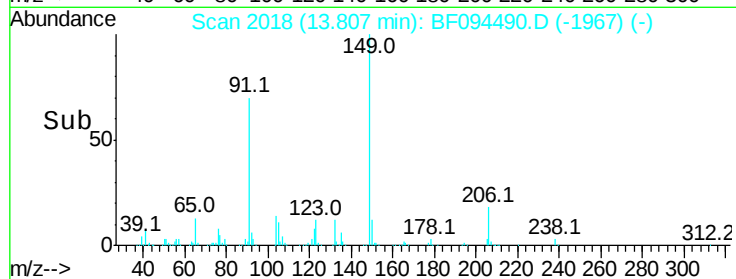
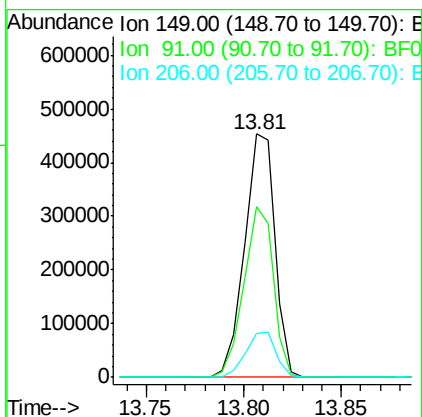
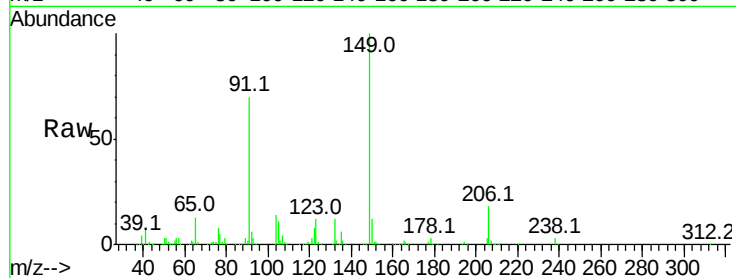




#79
Butylbenzylphthalate
Concen: 41.85 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

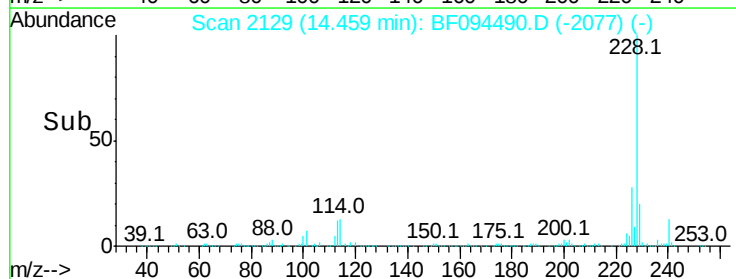
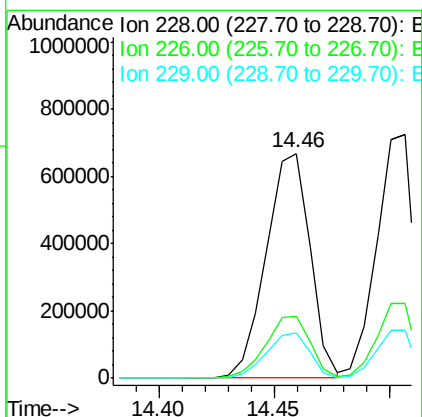
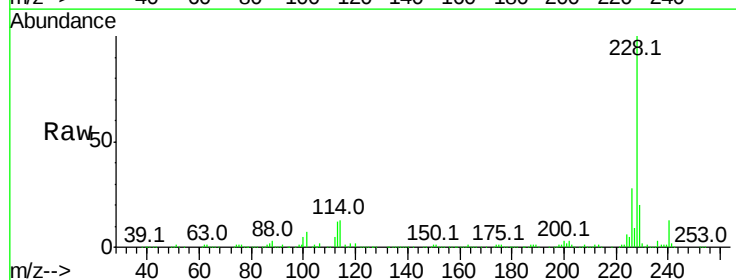
Instrument :
BNA_F
ClientSampleId :

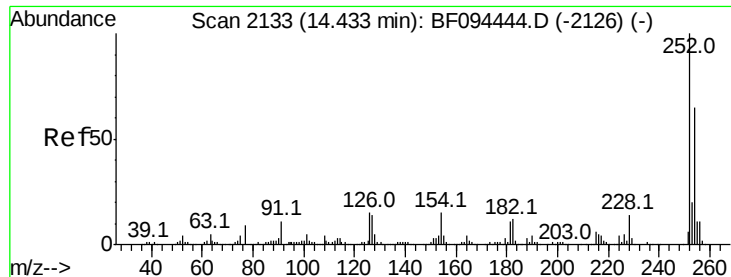
Tot Ion:149 Resp: 489387
Ion Ratio Lower Upper
149 100
91 70.0 45.0 67.4#
206 18.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.75 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion:228 Resp: 882309
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.2 16.3 24.5

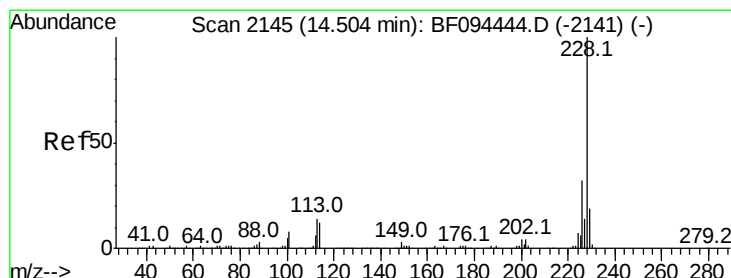
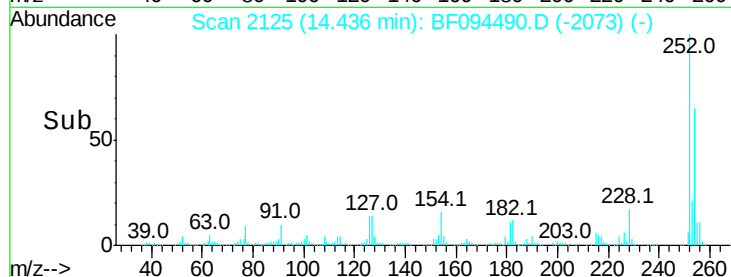
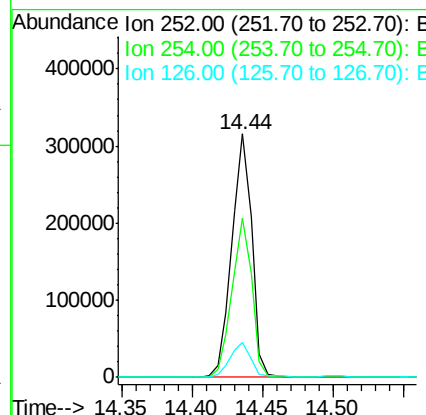
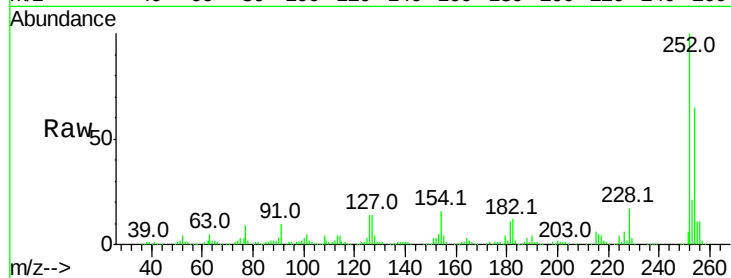




#81
 3,3'-Dichlorobenzidine
 Concen: 39.64 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

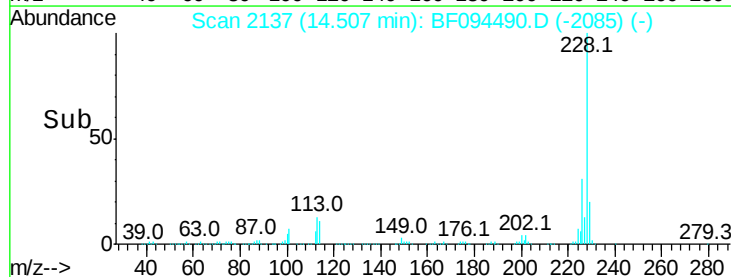
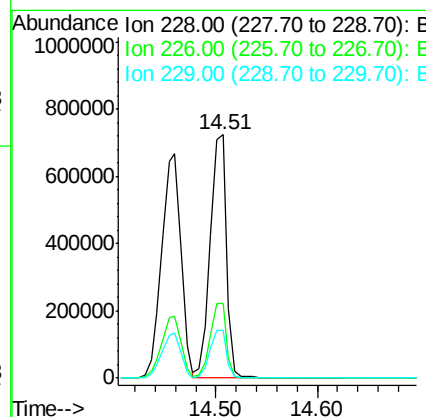
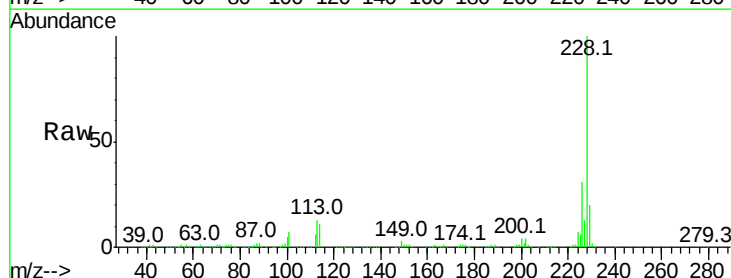
Instrument :
 BNA_F
 ClientSampleId :

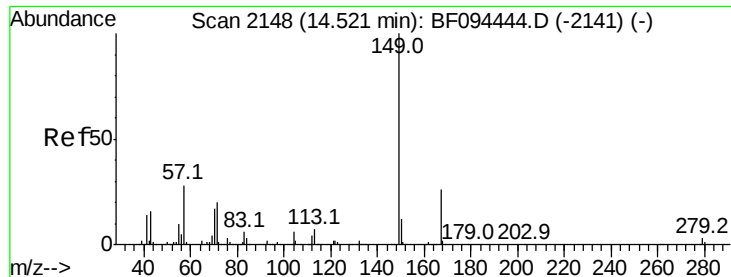
Tot Ion:252 Resp: 311467
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.5 77.3
 126 14.5 15.8 23.8#



#82
 Chrysene
 Concen: 39.89 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:228 Resp: 809143
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 19.7 15.8 23.6

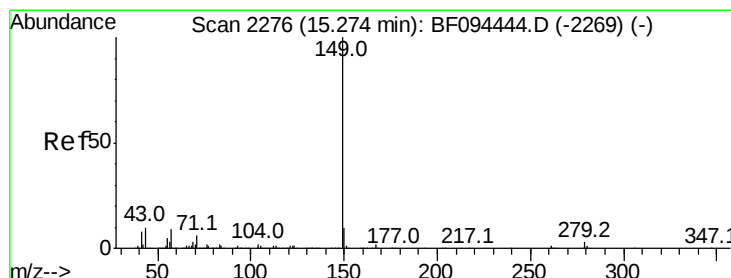
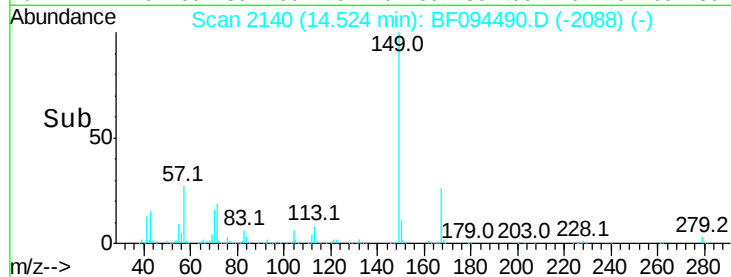
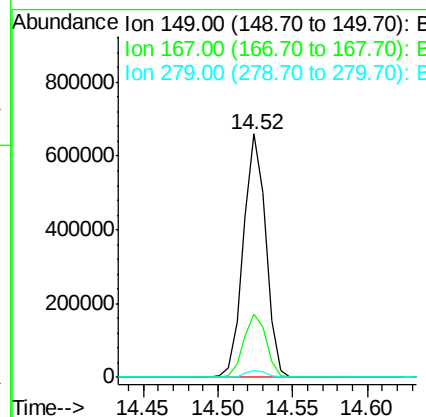
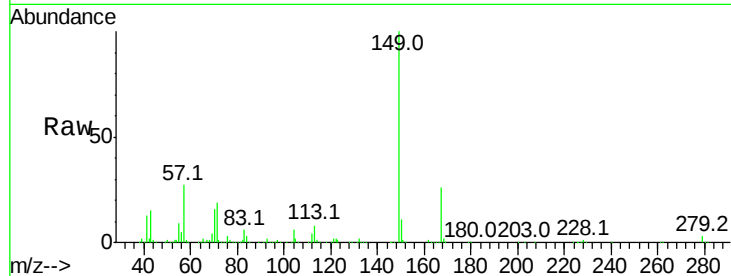




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.86 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

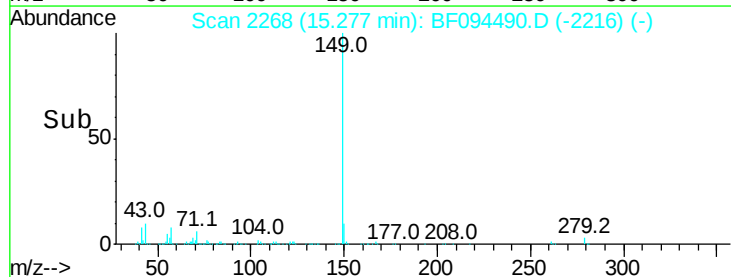
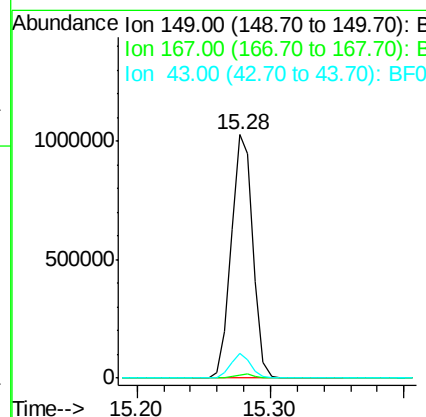
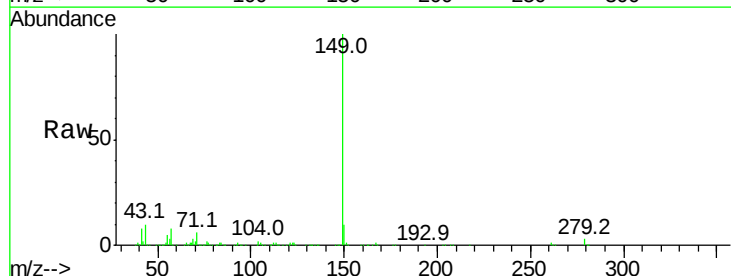
Instrument :
 BNA_F
 ClientSampled :

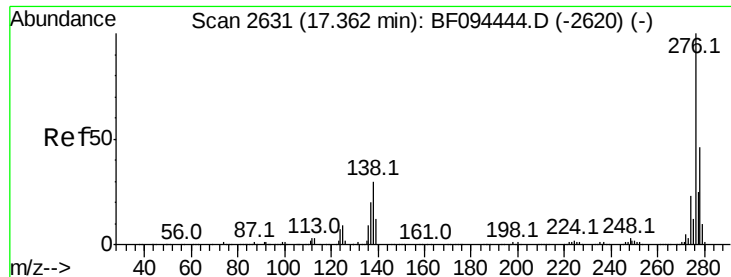
Tot Ion:149 Resp: 688623
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 2.8 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 44.43 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:149 Resp: 1170023
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.4 8.5 12.7

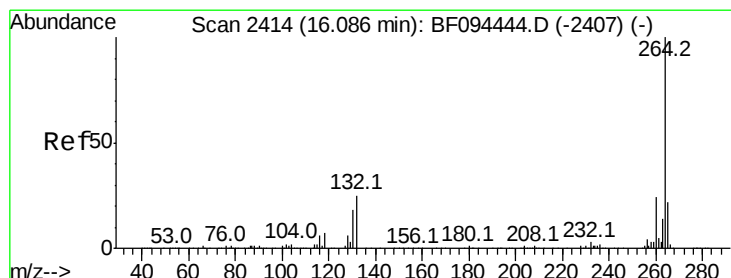
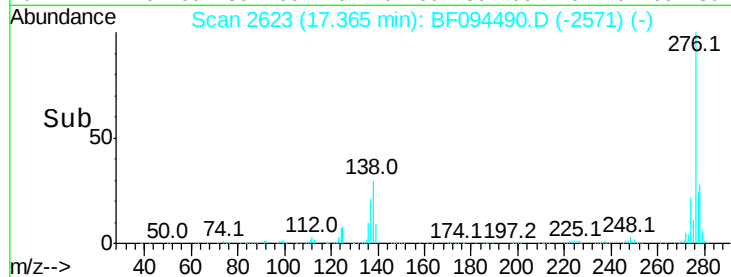
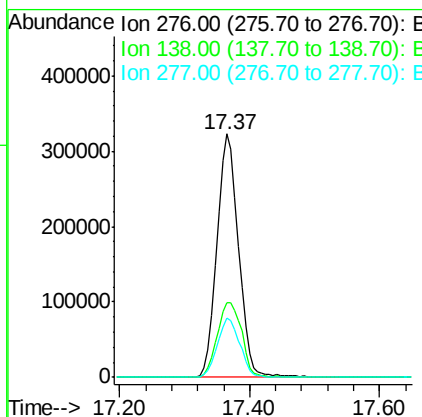
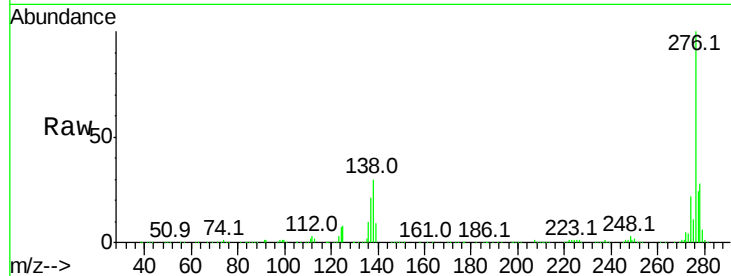




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.54 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

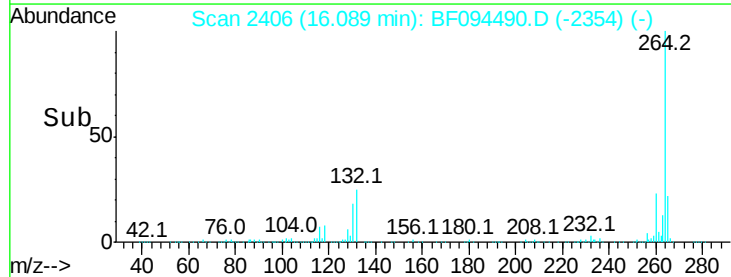
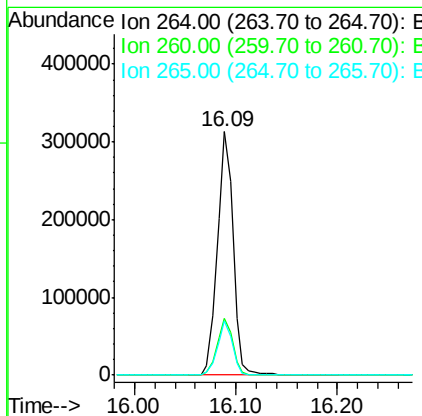
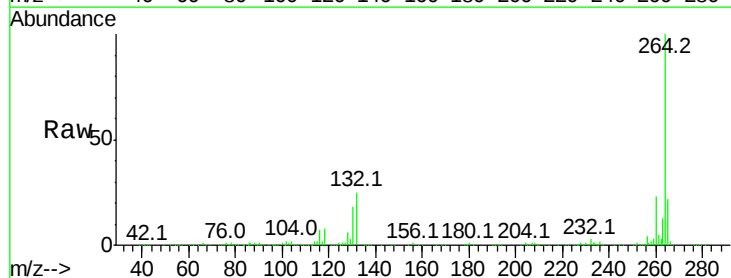
Instrument :
 BNA_F
 ClientSampleId :

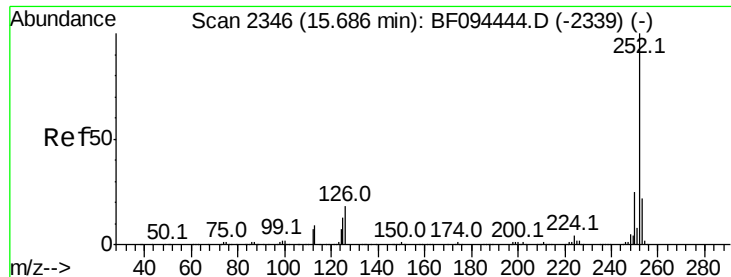
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.4	17.2	25.8

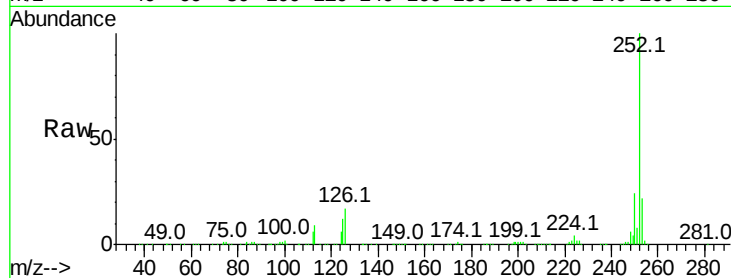




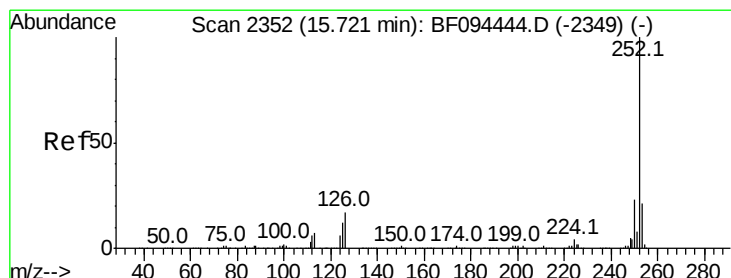
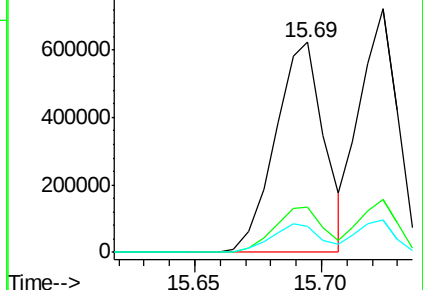
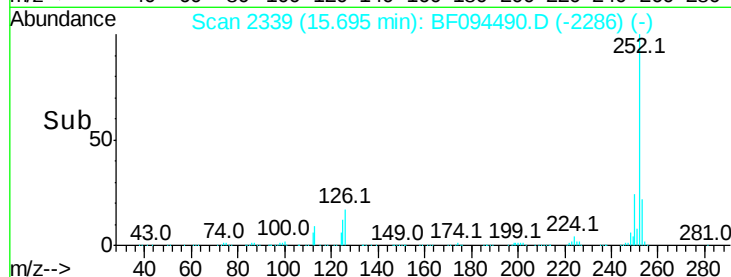
#87
Benzo(b)fluoranthene
Concen: 40.34 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 835422
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 12.2 9.8 14.8

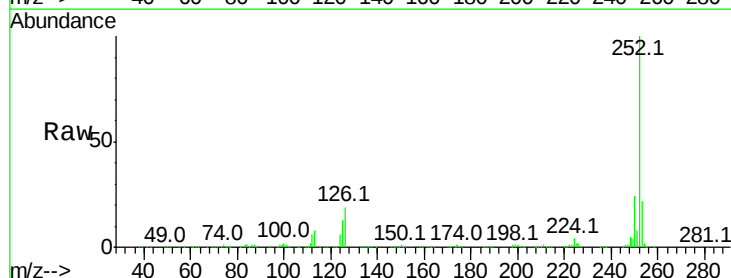


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

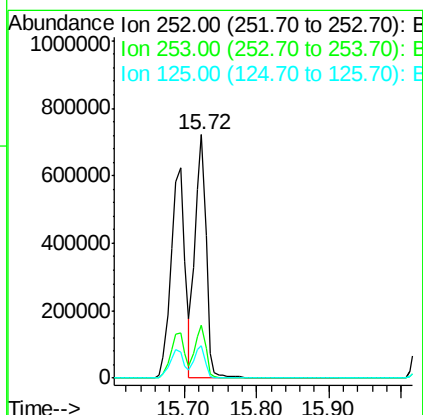
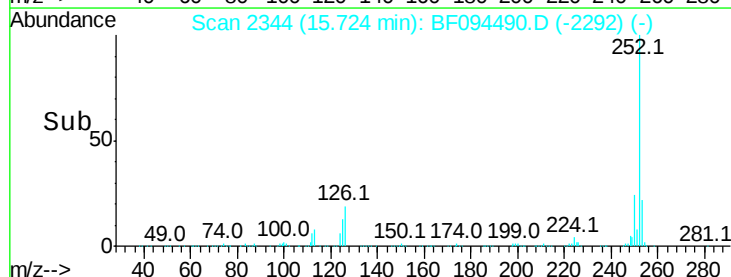


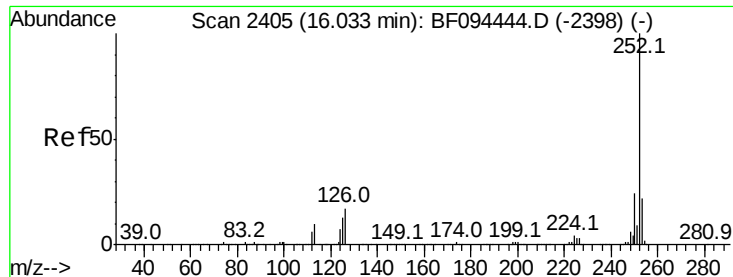
#88
Benzo(k)fluoranthene
Concen: 39.15 ng
RT: 15.72 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion:252 Resp: 767411
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 13.3 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

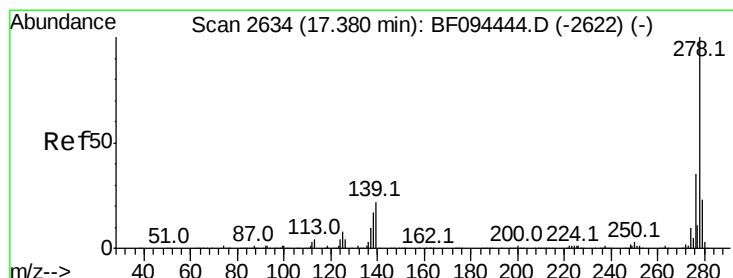
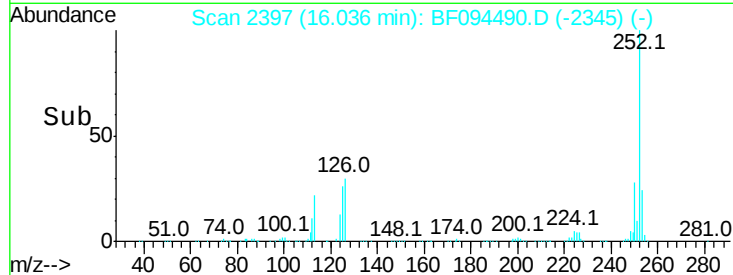
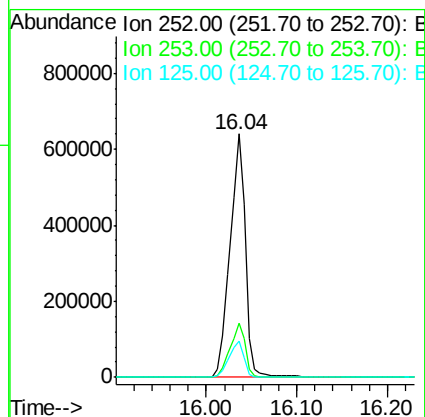
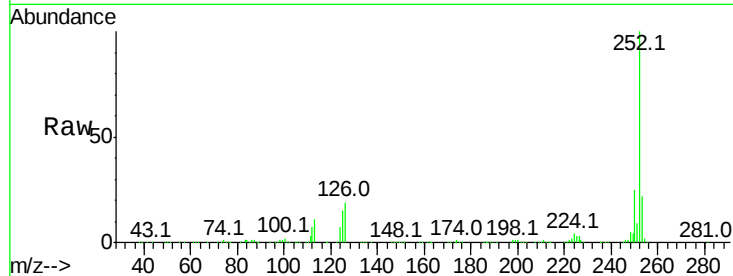




#89
Benzo(a)pyrene
Concen: 39.41 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

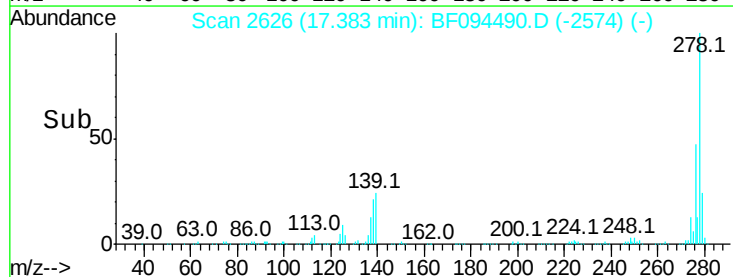
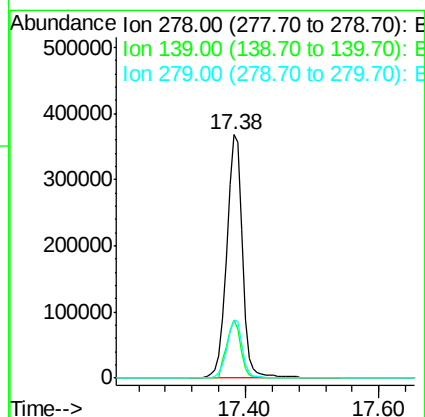
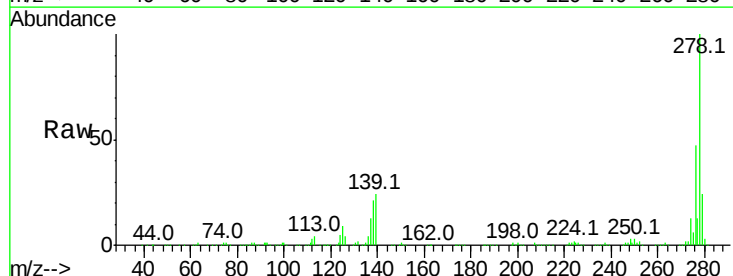
Instrument :
BNA_F
ClientSampleId :

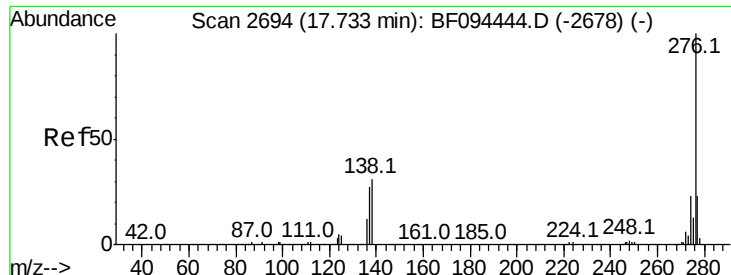
Tot Ion:252 Resp: 759314
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 14.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.73 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion:278 Resp: 619642
Ion Ratio Lower Upper
278 100
139 23.8 16.6 24.8
279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 35.88 ng

RT: 17.74 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

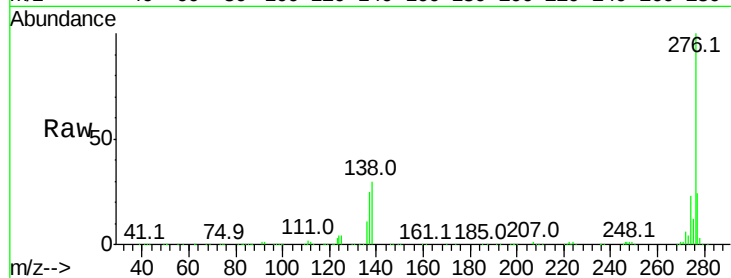
Tot Ion:276 Resp: 584447

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 29.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

