

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094491.D
 Acq On : 18 Apr 2017 17:31
 Operator : SJ/MA
 Sample : PB98306BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:13:21 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	5.78	152	123210	20.00	ng	0.01
21) Naphthalene-d8	7.27	136	496495	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	214989	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	400115	20.00	ng	0.00
75) Chrysene-d12	14.47	240	356498	20.00	ng	0.00
86) Perylene-d12	16.09	264	281895	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	970341	130.66	ng	0.03
7) Phenol-d6	5.41	99	1192524	136.21	ng	0.02
23) Nitrobenzene-d5	6.42	82	745315	92.69	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	252237	150.00	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1312456	89.82	ng	0.00
78) Terphenyl-d14	13.20	244	1235243	92.62	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.16	88	140730	32.58	ng	97
3) Pyridine	2.67	79	368689	39.06	ng	98
4) n-Nitrosodimethylamine	2.62	42	160905	41.20	ng	91
6) Aniline	5.41	93	298876	25.69	ng	# 79
8) 2-Chlorophenol	5.55	128	364315	43.11	ng	97
9) Benzaldehyde	5.28	77	73347	11.01	ng	97
10) Phenol	5.42	94	460451	42.81	ng	90
11) bis(2-Chloroethyl)ether	5.49	93	347533	44.23	ng	99
12) 1,3-Dichlorobenzene	5.71	146	393277	42.01	ng	98
13) 1,4-Dichlorobenzene	5.80	146	409245	43.45	ng	97
14) 1,2-Dichlorobenzene	5.97	146	363915	41.94	ng	94
15) Benzyl Alcohol	5.95	79	285857	44.01	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	466950	45.33	ng	78
17) 2-Methylphenol	6.10	107	304649	45.77	ng	96
18) Hexachloroethane	6.36	117	142445	44.11	ng	89
19) n-Nitroso-di-n-propylamine	6.27	70	249674	43.04	ng	96
20) 3+4-Methylphenols	6.28	107	401593	44.40	ng	# 63
22) Acetophenone	6.25	105	500047	41.42	ng	# 87
24) Nitrobenzene	6.45	77	374505	44.23	ng	92
25) Isophorone	6.74	82	677820	45.48	ng	95
26) 2-Nitrophenol	6.82	139	211735	46.55	ng	97
27) 2,4-Dimethylphenol	6.90	122	336897	45.59	ng	97
28) bis(2-Chloroethoxy)methane	7.00	93	441352	45.78	ng	99
29) 2,4-Dichlorophenol	7.12	162	314223	45.71	ng	97
30) 1,2,4-Trichlorobenzene	7.21	180	313337	44.09	ng	99
31) Naphthalene	7.30	128	1060375	44.43	ng	100
32) Benzoic acid	7.07	122	131471	33.65	ng	94
33) 4-Chloroaniline	7.37	127	90154	9.08	ng	# 93
34) Hexachlorobutadiene	7.45	225	150022	42.34	ng	99
35) Caprolactam	7.82	113	55576	25.74	ng	97
36) 4-Chloro-3-methylphenol	8.00	107	319888	44.41	ng	91
37) 2-Methylnaphthalene	8.14	142	734090	44.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	274033	44.76	ng	99
40) Hexachlorocyclopentadiene	8.33	237	260995	105.39	ng	99

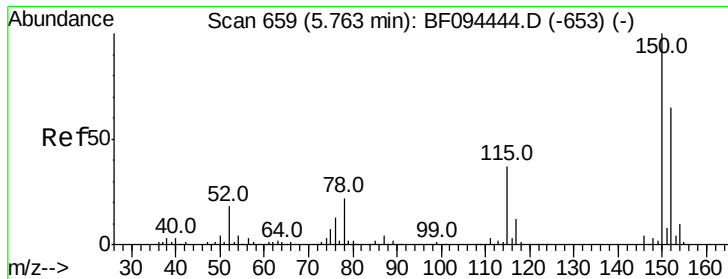
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094491.D
 Acq On : 18 Apr 2017 17:31
 Operator : SJ/MA
 Sample : PB98306BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	198953	46.28	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	209545	47.46	nq	# 91
45) 1,1'-Biphenyl	8.71	154	748359	42.60	nq	98
46) 2-Chloronaphthalene	8.72	162	640453	45.86	nq	94
47) 2-Nitroaniline	8.86	65	184964	46.04	nq	88
48) Acenaphthylene	9.23	152	959567	44.07	nq	99
49) Dimethylphthalate	9.11	163	803618	50.16	nq	98
50) 2,6-Dinitrotoluene	9.17	165	180466	50.18	nq	# 89
51) Acenaphthene	9.44	154	583625	44.75	nq	99
52) 3-Nitroaniline	9.37	138	79431	19.09	nq	93
53) 2,4-Dinitrophenol	9.51	184	131249	68.18	nq	# 74
54) Dibenzofuran	9.66	168	852505	44.98	nq	99
55) 4-Nitrophenol	9.63	139	271164	92.25	nq	# 69
56) 2,4-Dinitrotoluene	9.67	165	216957	49.17	nq	# 88
57) Fluorene	10.08	166	700154	47.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	159420	50.38	nq	96
59) Diethylphthalate	9.97	149	768363	50.83	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	303247	49.37	nq	94
61) 4-Nitroaniline	10.12	138	186804	44.16	nq	97
62) Azobenzene	10.28	77	745010	50.76	nq	97
64) 4,6-Dinitro-2-methylphenol	10.17	198	115195	43.94	nq	# 73
65) n-Nitrosodiphenylamine	10.24	169	658339	47.31	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	185522	46.70	nq	96
67) Hexachlorobenzene	10.75	284	180484	45.08	nq	# 90
68) Atrazine	10.91	200	191758	46.06	nq	96
69) Pentachlorophenol	11.01	266	159689	100.44	nq	97
70) Phenanthrene	11.25	178	1004162	44.57	nq	98
71) Anthracene	11.32	178	1045170	44.84	nq	98
72) Carbazole	11.52	167	1000085	45.72	nq	97
73) Di-n-butylphthalate	11.97	149	1191217	49.46	nq	99
74) Fluoranthene	12.71	202	1078758	46.20	nq	99
76) Benzidine	12.88	184	374150	25.92	nq	# 93
77) Pyrene	12.99	202	1105682	44.39	nq	98
79) Butylbenzylphthalate	13.81	149	550376	50.42	nq	# 84
80) Benzo(a)anthracene	14.46	228	939293	45.33	nq	100
81) 3,3'-Dichlorobenzidine	14.43	252	170900	23.30	nq	98
82) Chrysene	14.50	228	855193	45.16	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	761926	51.99	nq	99
84) Di-n-octyl phthalate	15.28	149	1181896	48.08	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	786597	43.66	nq	99
87) Benzo(b)fluoranthene	15.69	252	813664	47.18	nq	98
88) Benzo(k)fluoranthene	15.69	252	813664	49.86	nq	97
89) Benzo(a)pyrene	16.04	252	724853	45.18	nq	100
90) Dibenzo(a,h)anthracene	17.38	278	648151	48.66	nq	97
91) Benzo(g,h,i)perylene	17.74	276	664951	49.03	nq	98

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

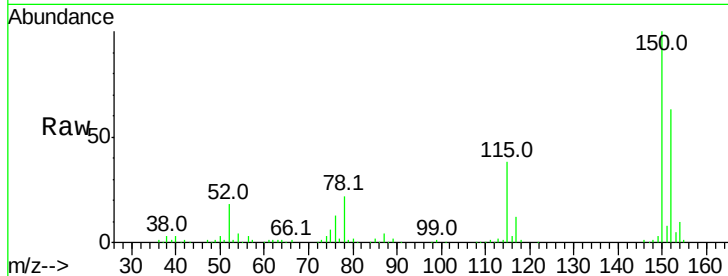


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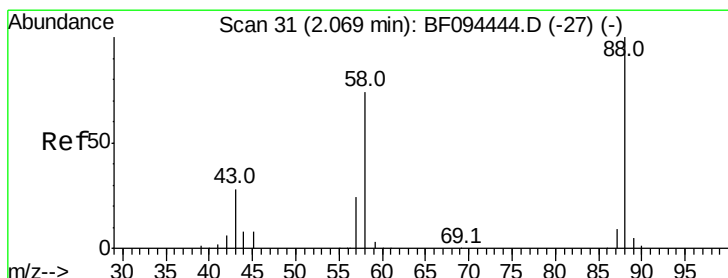
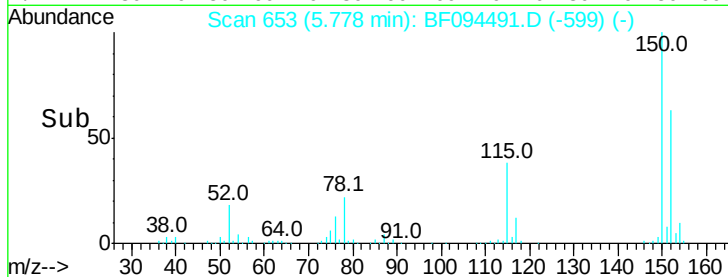
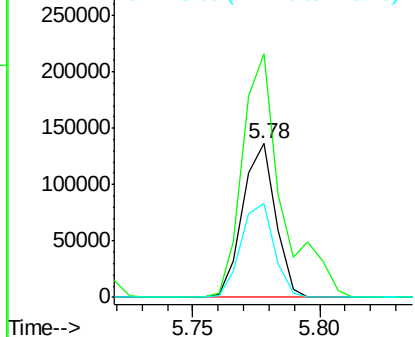
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.78 min Scan# 653
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 123210
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 60.9 52.2 78.2



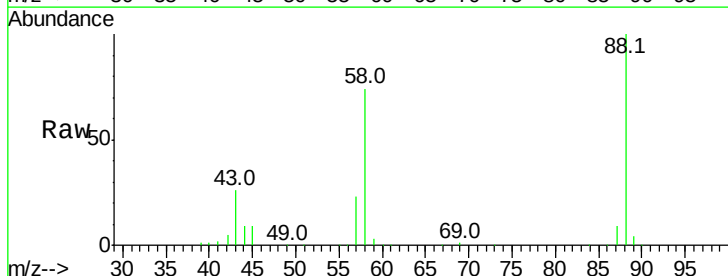
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



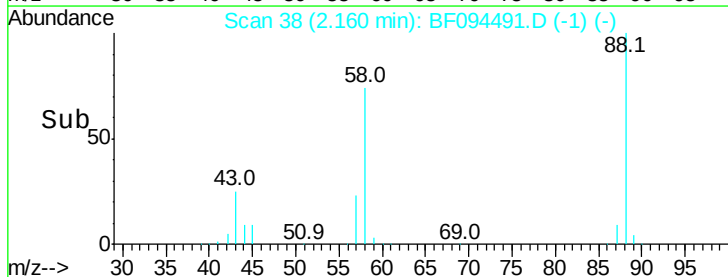
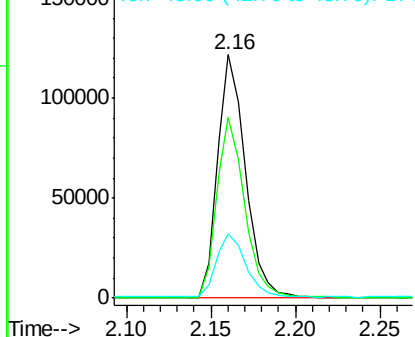
#2

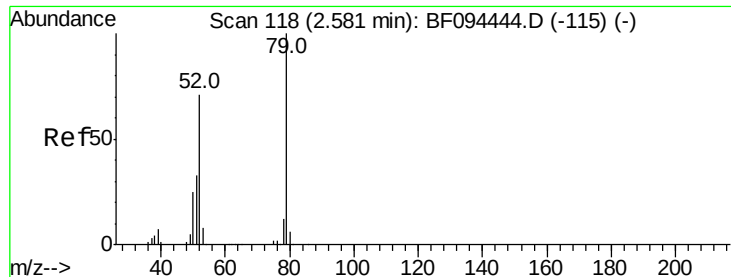
1,4-Dioxane
Concen: 32.58 ng
RT: 2.16 min Scan# 38
Delta R.T. 0.09 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion: 88 Resp: 140730
Ion Ratio Lower Upper
88 100
58 74.6 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: 39.06 ng

RT: 2.67 min Scan# 125

Delta R.T. 0.09 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

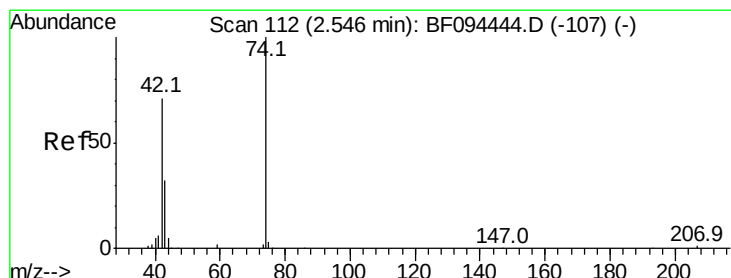
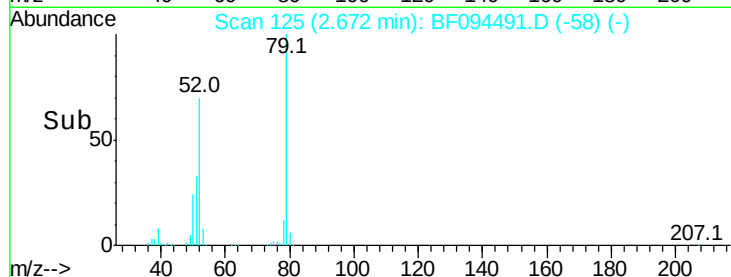
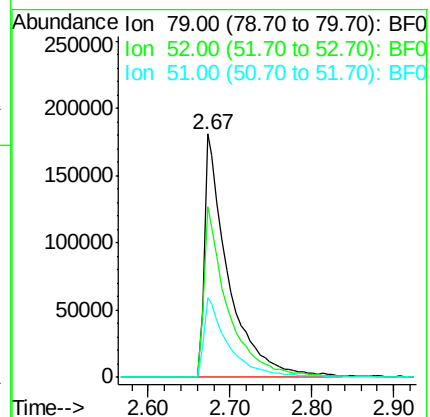
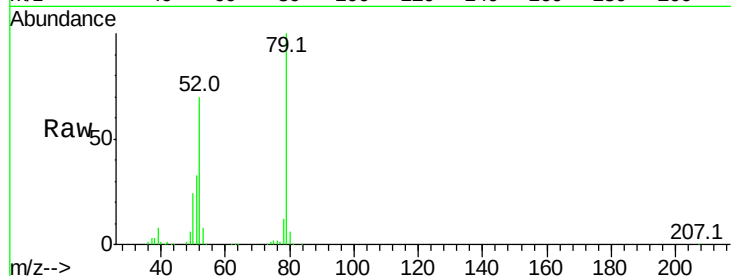
Tot Ion: 79 Resp: 368689

Ion Ratio Lower Upper

79 100

52 70.2 54.8 82.2

51 32.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 41.20 ng

RT: 2.62 min Scan# 116

Delta R.T. 0.07 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

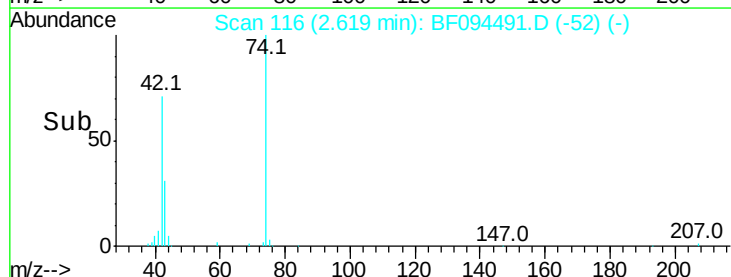
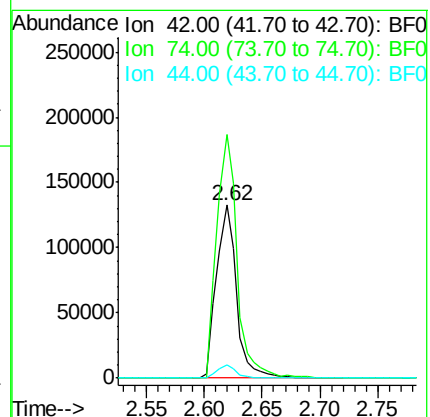
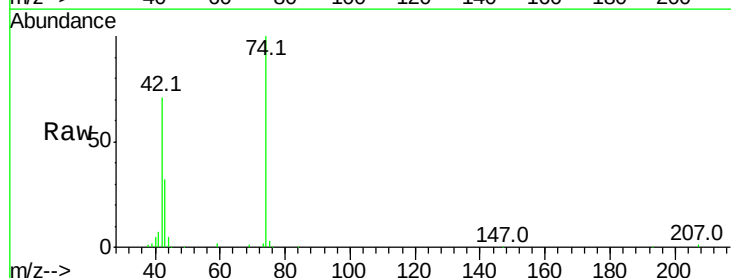
Tgt Ion: 42 Resp: 160905

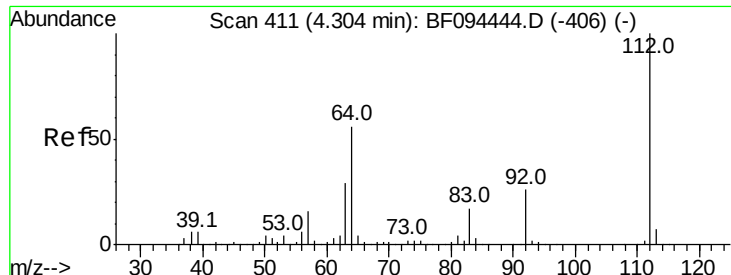
Ion Ratio Lower Upper

42 100

74 141.1 103.9 155.9

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 130.66 ng

RT: 4.34 min Scan# 408

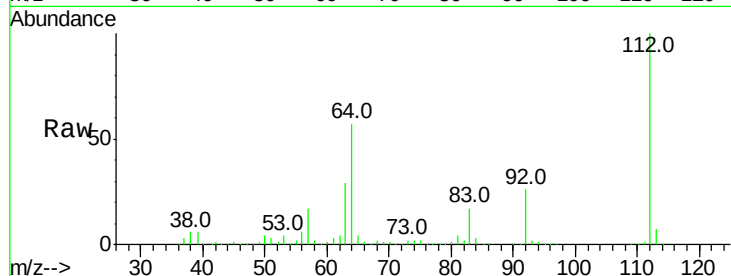
Delta R.T. 0.03 min

Lab File: BF094491.D

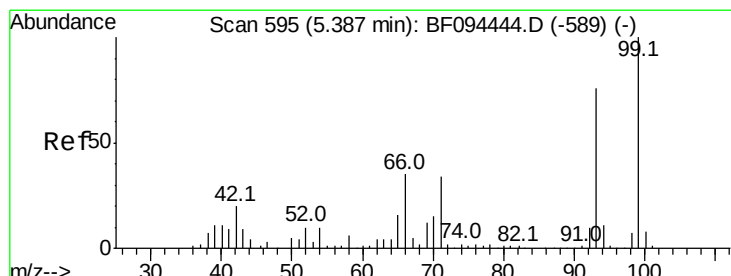
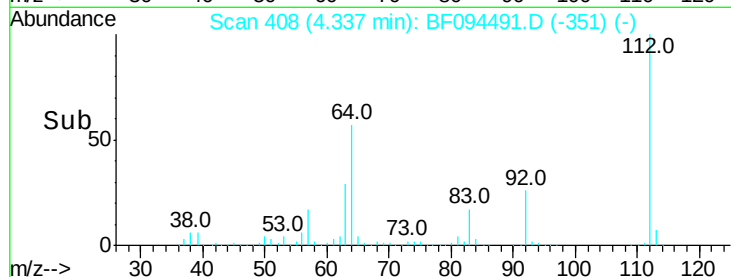
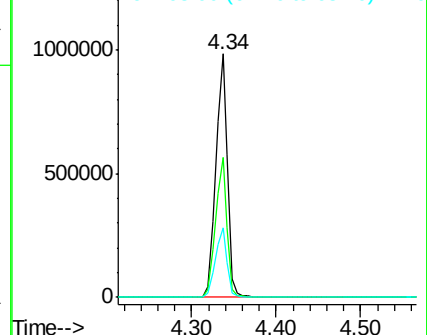
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	970341
Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.0	69.0
63	28.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 25.69 ng

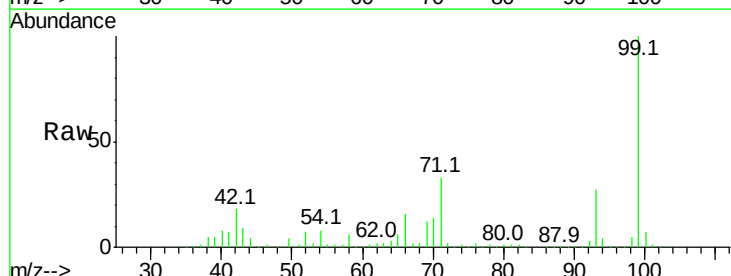
RT: 5.41 min Scan# 590

Delta R.T. 0.02 min

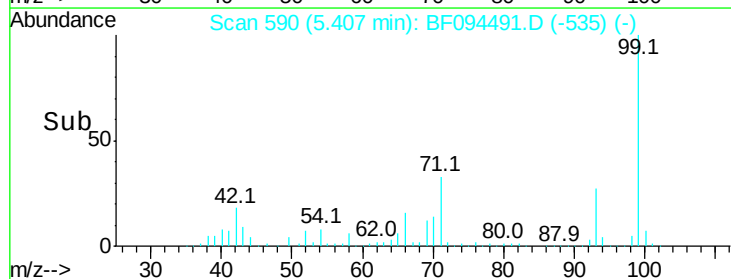
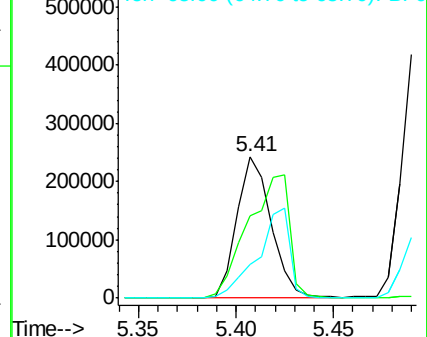
Lab File: BF094491.D

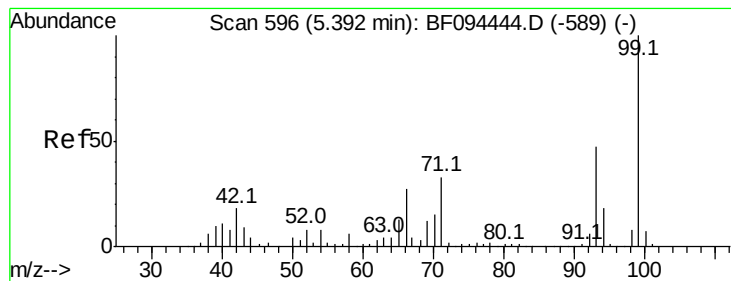
Acq: 18 Apr 2017 17:31

Tgt Ion:	93	Resp:	298876
Ion	Ratio	Lower	Upper
93	100		
66	58.0	32.9	49.3#
65	24.1	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 136.21 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

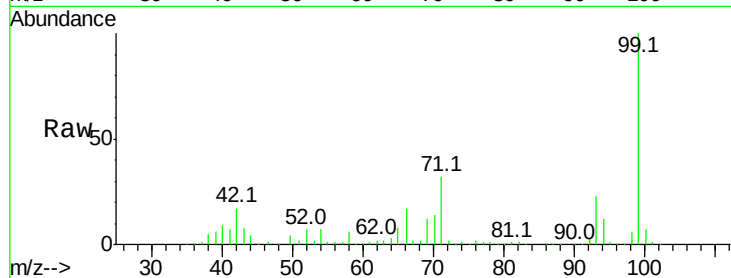
Tot Ion: 99 Resp: 1192524

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	32.3	24.5	36.7

99 100

42 16.9 13.5 20.3

71 32.3 24.5 36.7

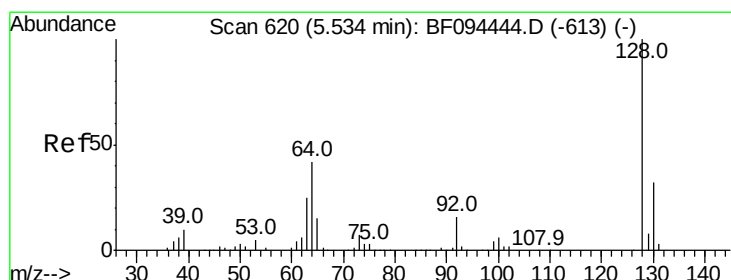
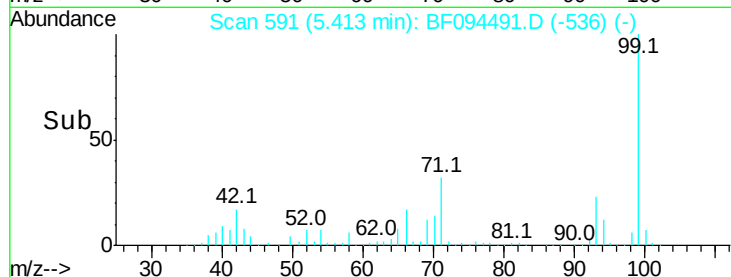
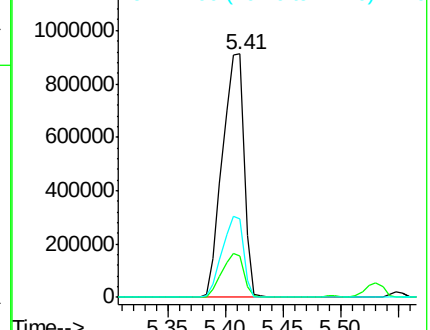


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.11 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

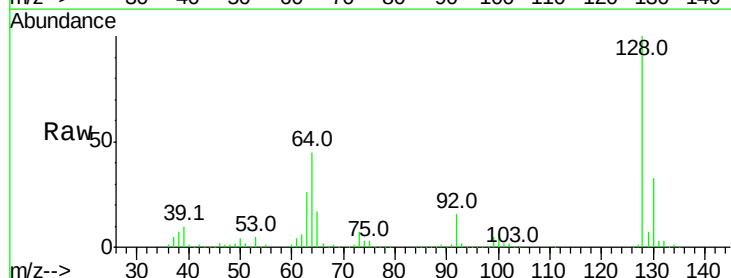
Tgt Ion:128 Resp: 364315

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	45.4	28.4	68.4

128 100

130 32.6 12.9 52.9

64 45.4 28.4 68.4

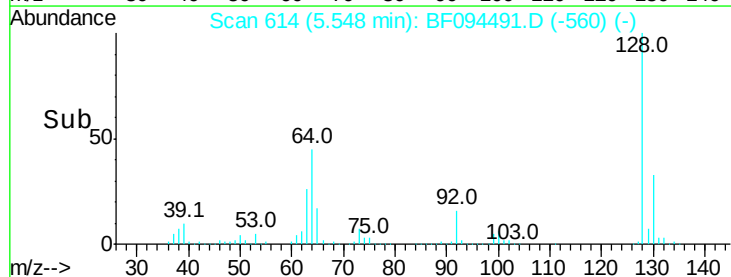
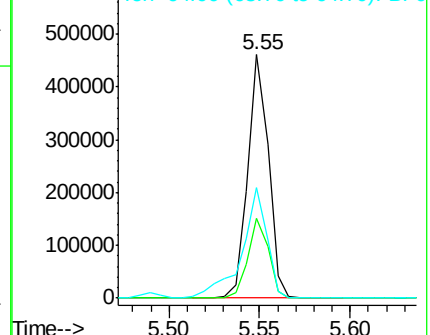


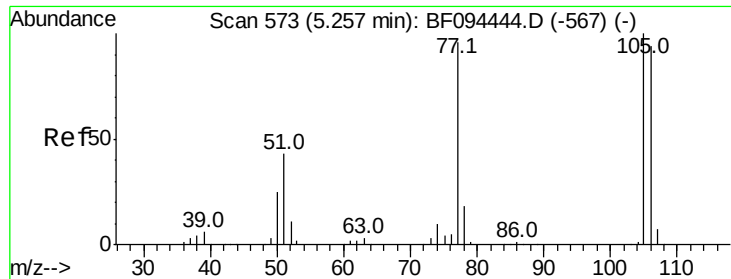
Abundance

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

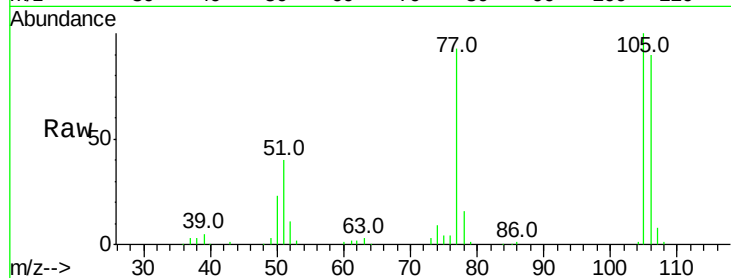




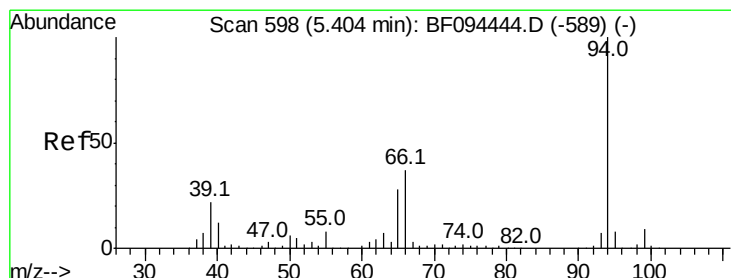
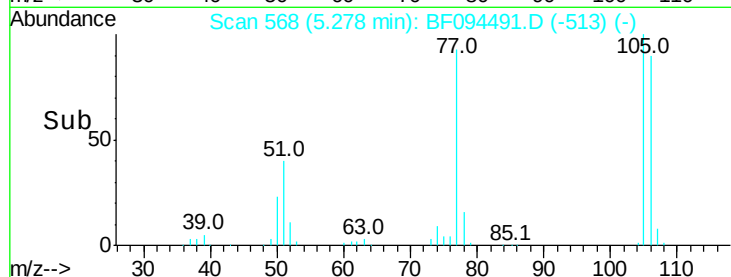
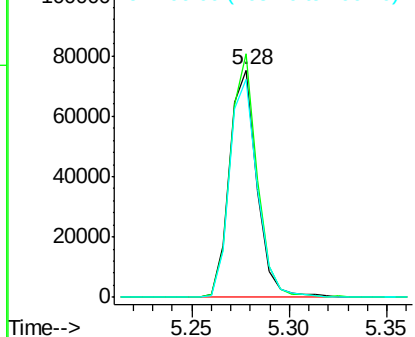
#9
Benzaldehyde
Concen: 11.01 ng
RT: 5.28 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 73347
Ion Ratio Lower Upper
77 100
105 107.2 83.8 123.8
106 96.0 79.1 119.1

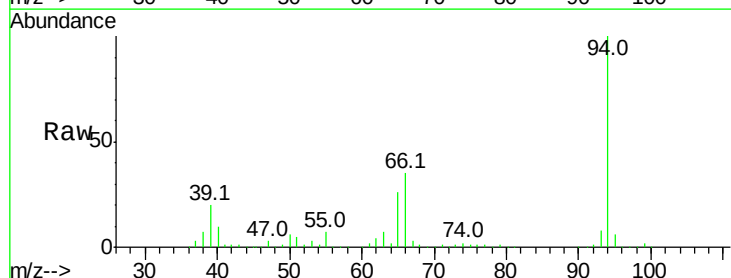


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

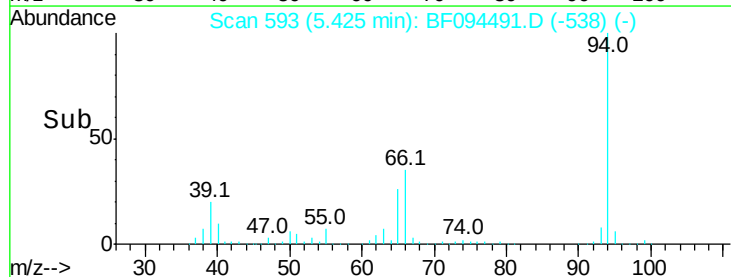
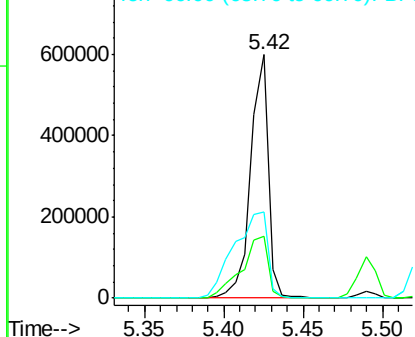


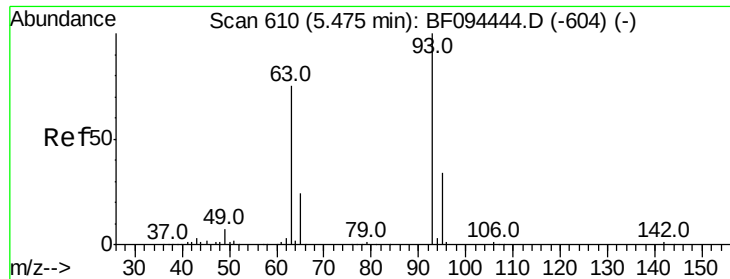
#10
Phenol
Concen: 42.81 ng
RT: 5.42 min Scan# 593
Delta R.T. 0.02 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion: 94 Resp: 460451
Ion Ratio Lower Upper
94 100
65 25.7 9.9 49.9
66 35.3 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

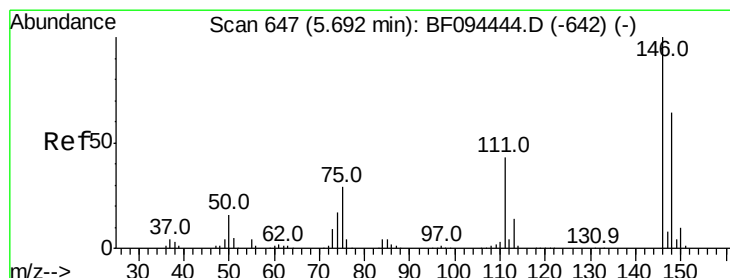
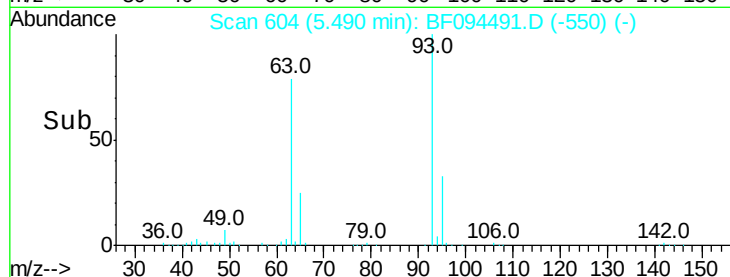
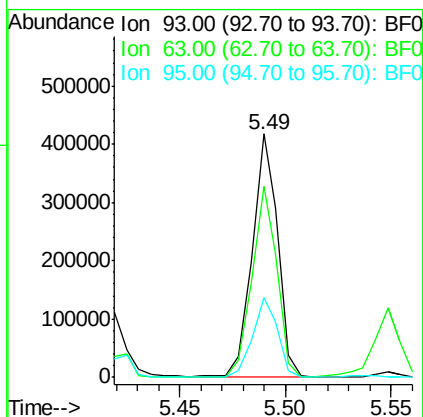
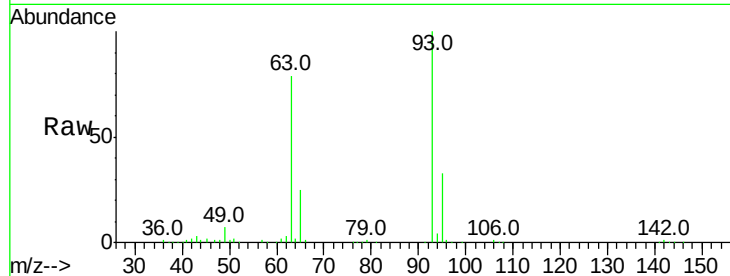




#11
bis(2-Chloroethyl)ether
Concen: 44.23 ng
RT: 5.49 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

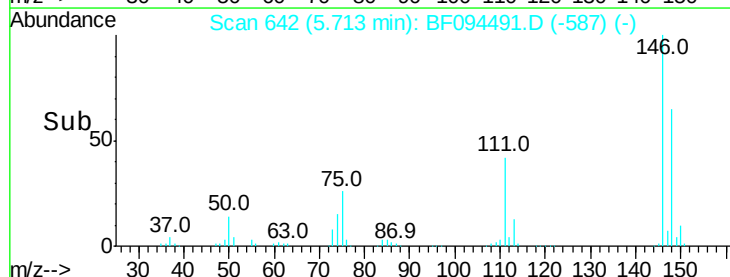
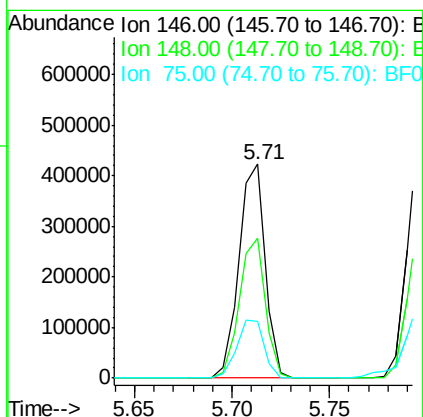
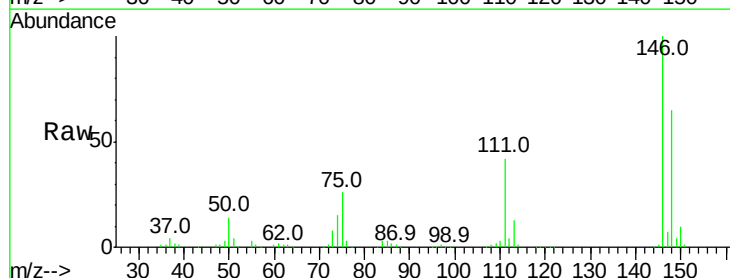
Instrument :
BNA_F
ClientSampleId :

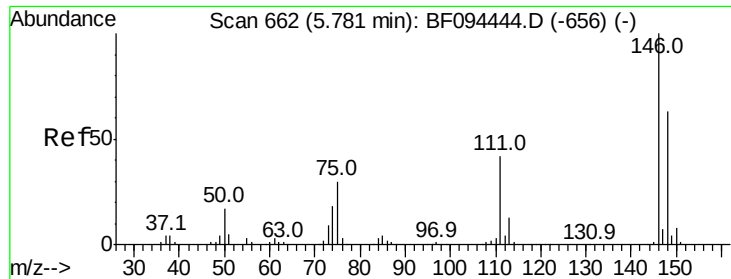
Tot Ion: 93 Resp: 347533
Ion Ratio Lower Upper
93 100
63 78.5 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.01 ng
RT: 5.71 min Scan# 642
Delta R.T. 0.02 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion: 146 Resp: 393277
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.6
75 26.3 23.1 34.7

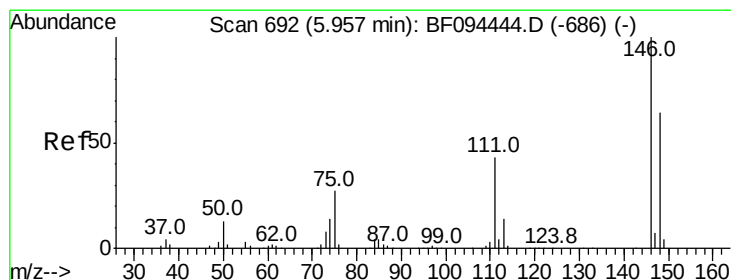
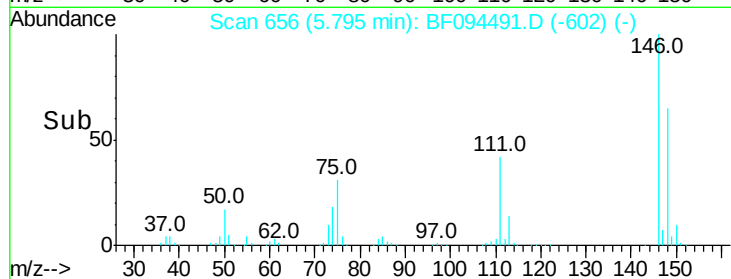
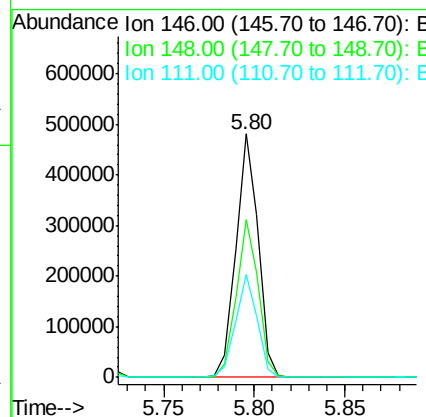
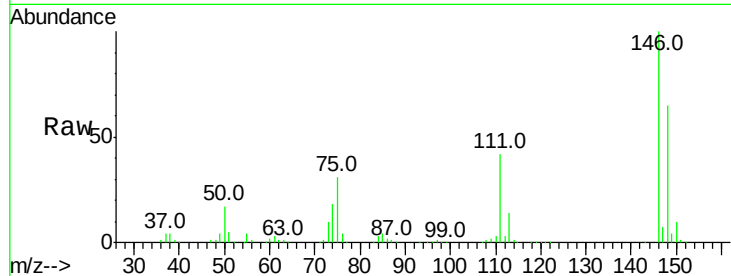




#13
 1,4-Dichlorobenzene
 Concen: 43.45 ng
 RT: 5.80 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

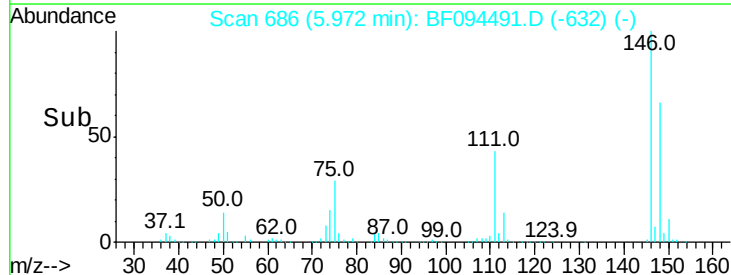
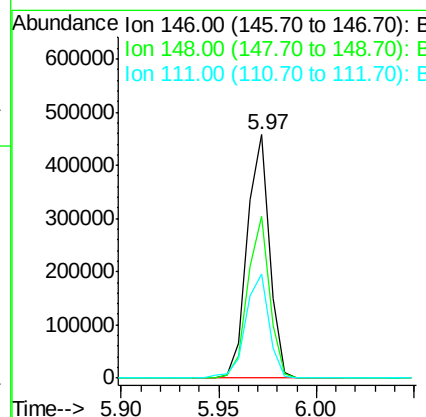
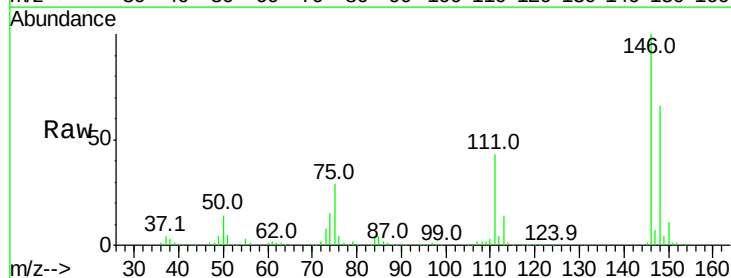
Instrument :
 BNA_F
 ClientSampleId :

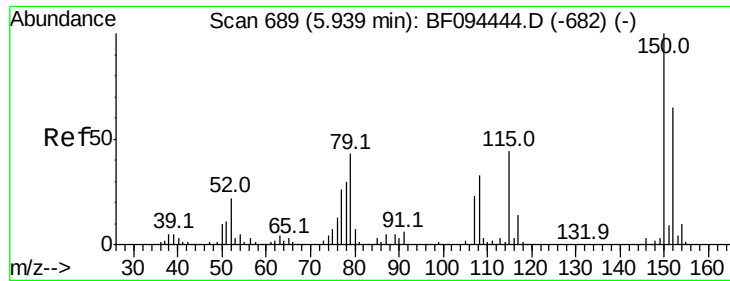
Tot Ion:146 Resp: 409245
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 42.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.94 ng
 RT: 5.97 min Scan# 686
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion:146 Resp: 363915
 Ion Ratio Lower Upper
 146 100
 148 66.2 50.4 75.6
 111 42.5 38.2 57.4

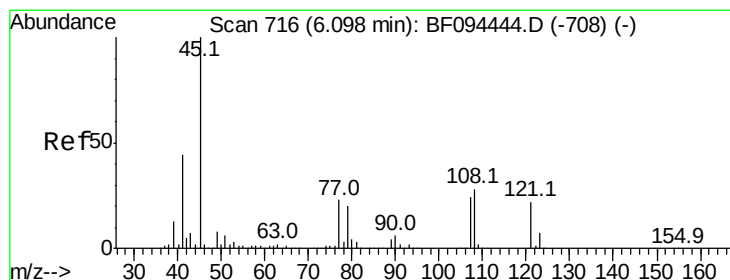
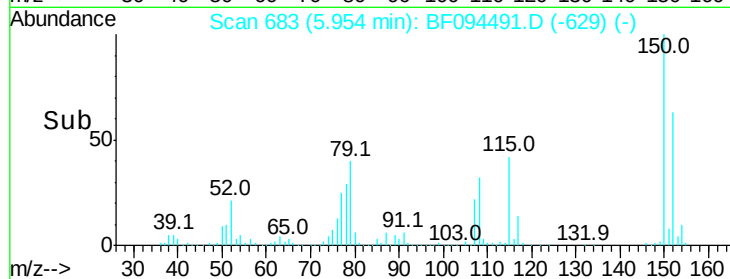
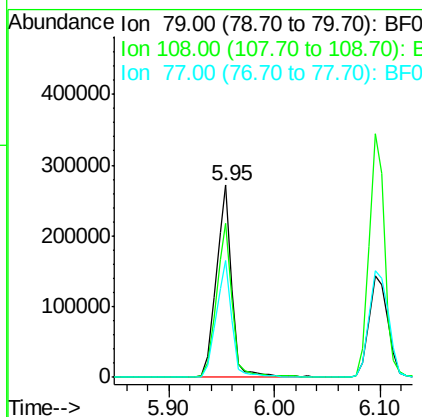
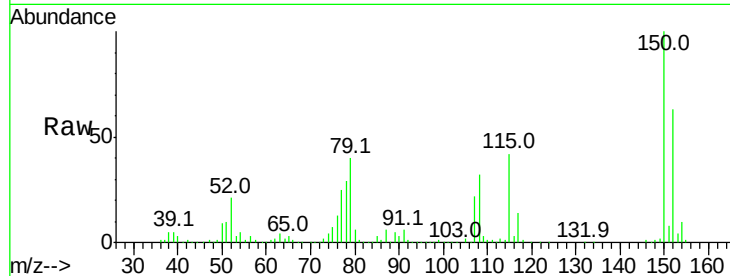




#15
Benzyl Alcohol
Concen: 44.01 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

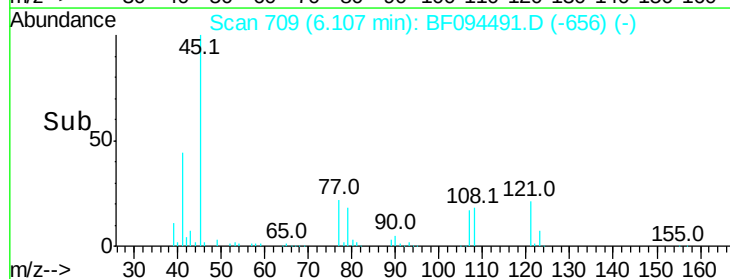
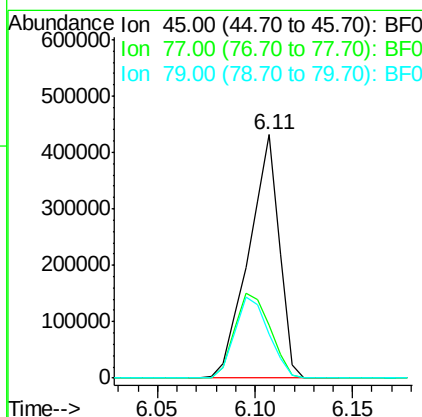
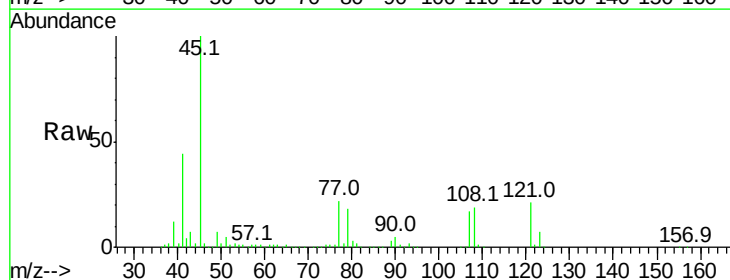
Instrument :
BNA_F
ClientSampled :

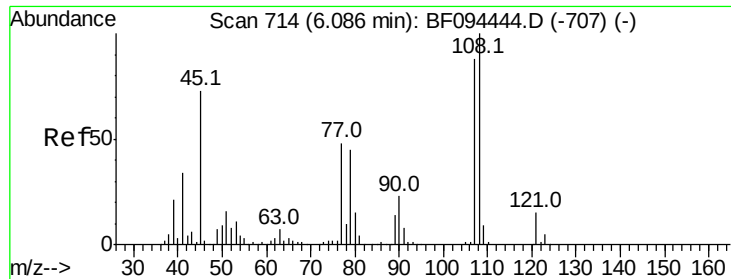
Tot Ion: 79 Resp: 285857
Ion Ratio Lower Upper
79 100
108 80.1 63.4 95.0
77 61.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.33 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion: 45 Resp: 466950
Ion Ratio Lower Upper
45 100
77 21.7 0.0 33.2
79 18.1 0.0 30.0





#17

2-Methylphenol

Concen: 45.77 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 304649

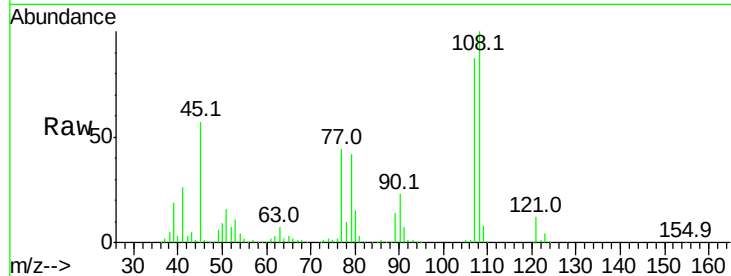
Ion Ratio Lower Upper

107 100

108 115.6 93.4 140.0

77 50.3 35.8 53.6

79 48.2 34.8 52.2

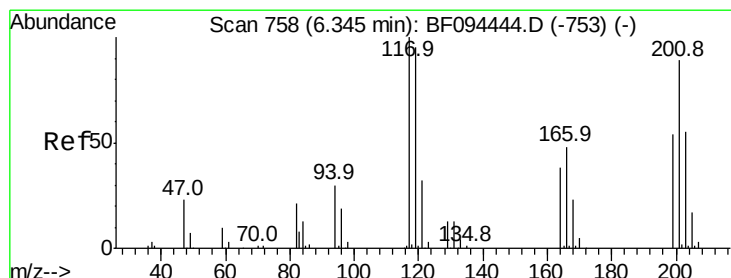
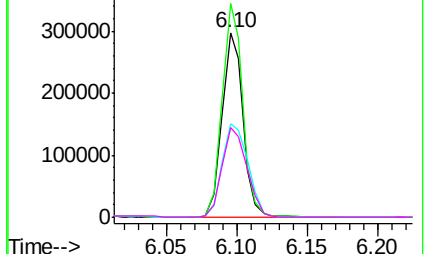
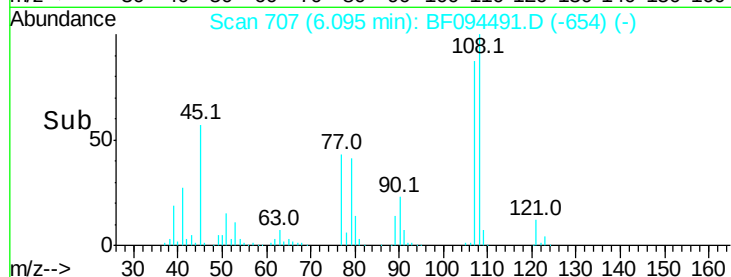


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.11 ng

RT: 6.36 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

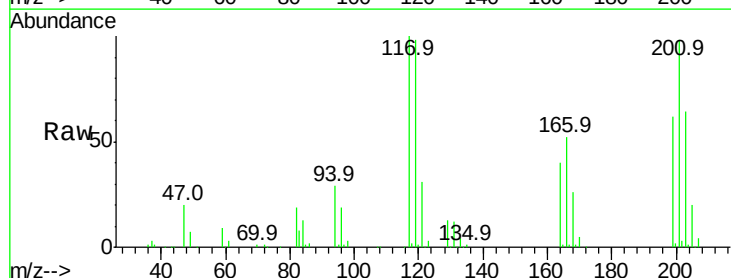
Tgt Ion:117 Resp: 142445

Ion Ratio Lower Upper

117 100

119 98.2 77.4 116.0

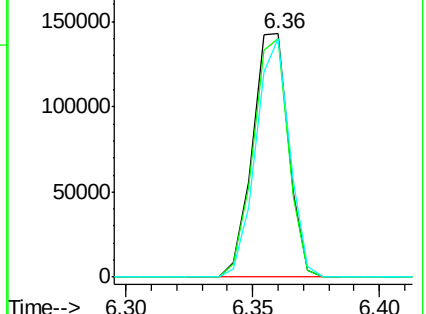
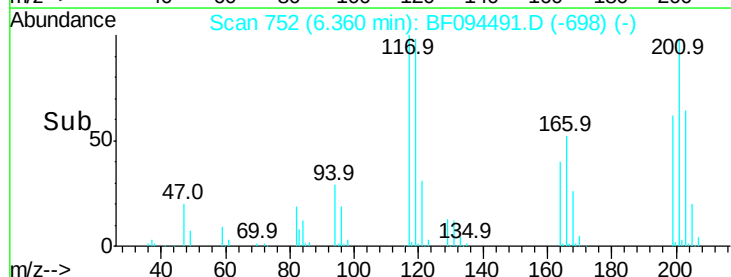
201 97.9 94.6 141.8

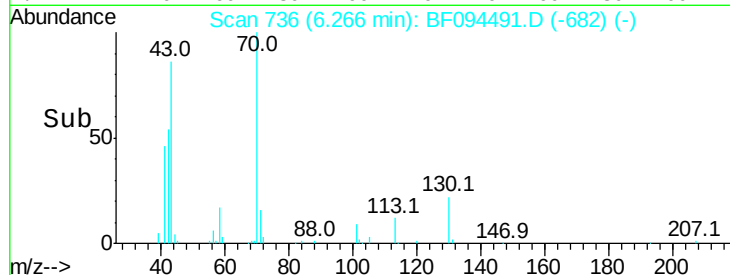
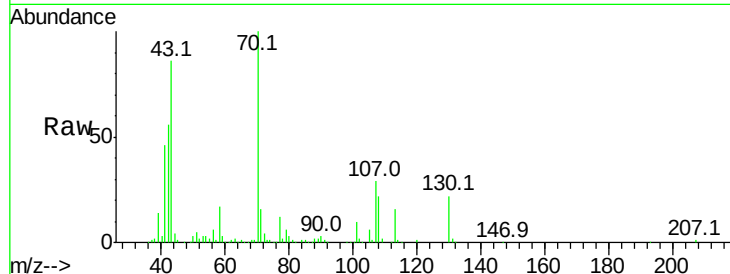
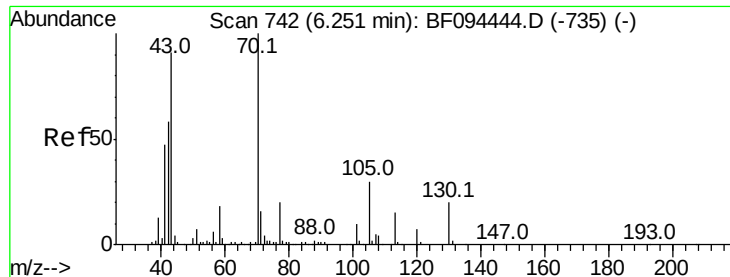


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

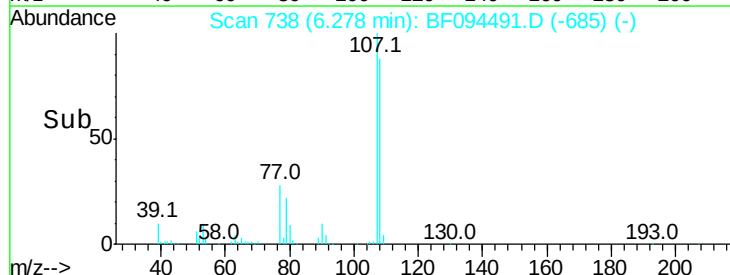
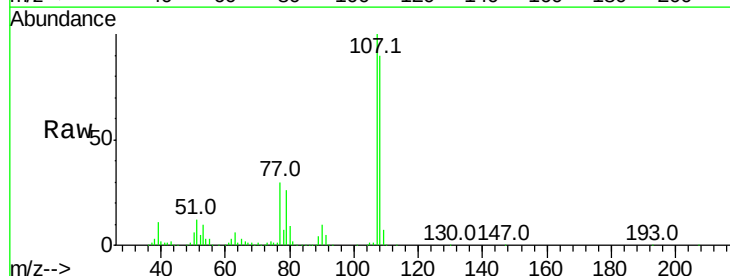
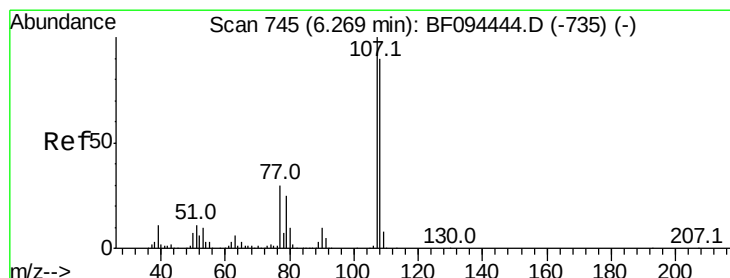
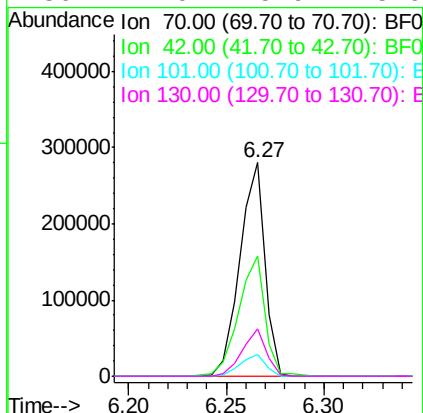




#19
n-Nitroso-di-n-propylamine
Concen: 43.04 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

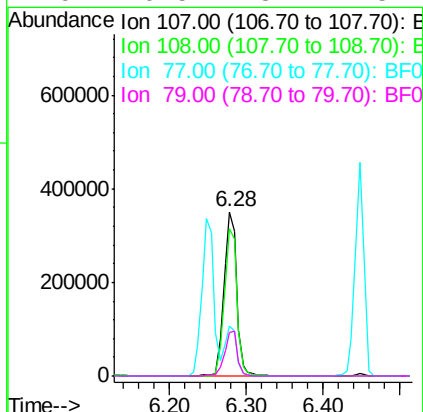
Instrument :
BNA_F
ClientSampleId :

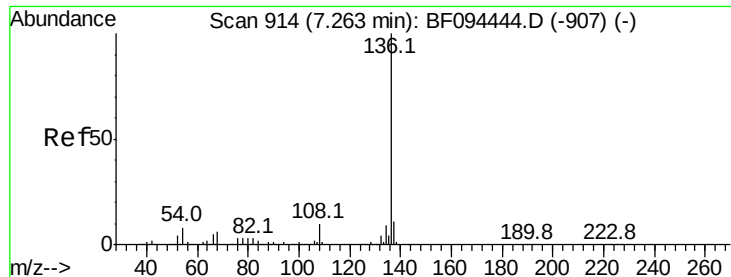
Tot Ion: 70 Resp: 249674
Ion Ratio Lower Upper
70 100
42 56.3 47.2 70.8
101 10.0 7.2 10.8
130 22.0 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.40 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion:107 Resp: 401593
Ion Ratio Lower Upper
107 100
108 89.9 71.0 111.0
77 30.1 90.5 130.5#
79 26.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

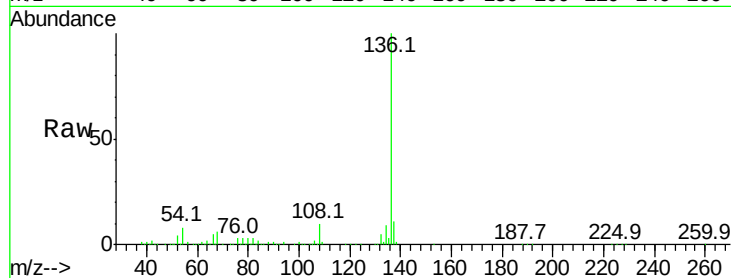
Delta R.T. 0.00 min

Lab File: BF094491.D

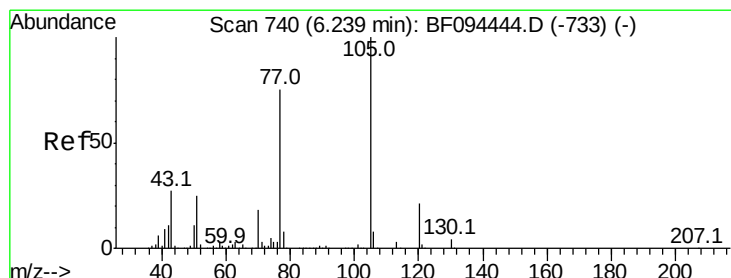
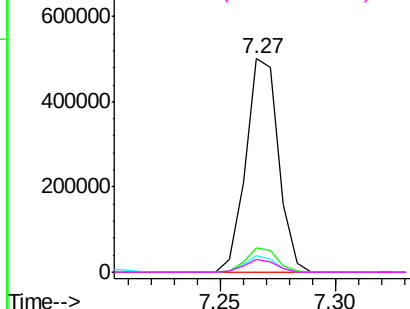
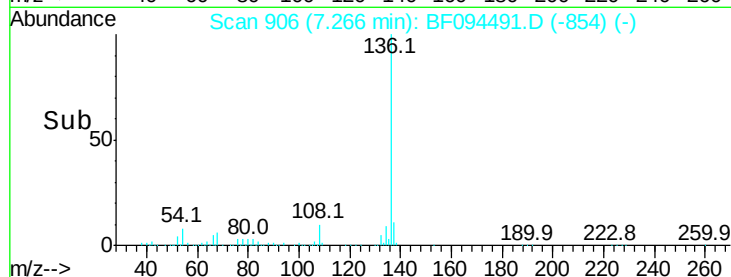
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	496495
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	7.8	4.9	7.3#
68	5.9	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: 41.42 ng

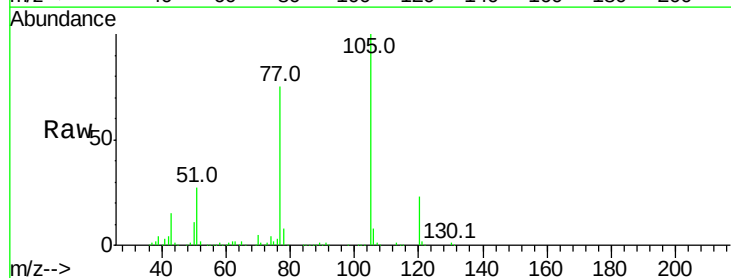
RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

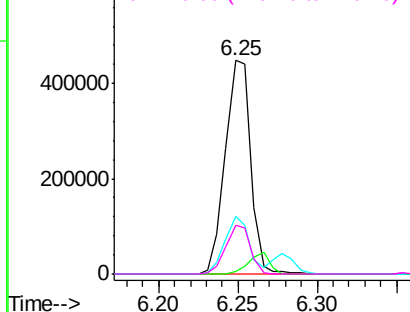
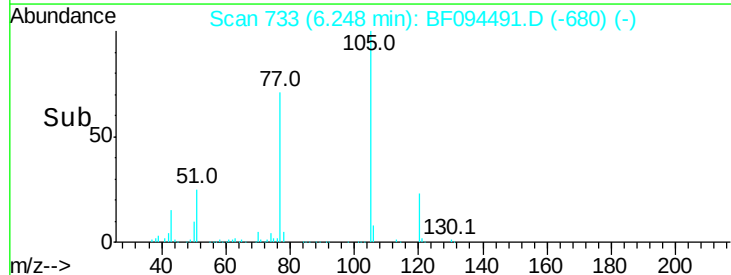
Lab File: BF094491.D

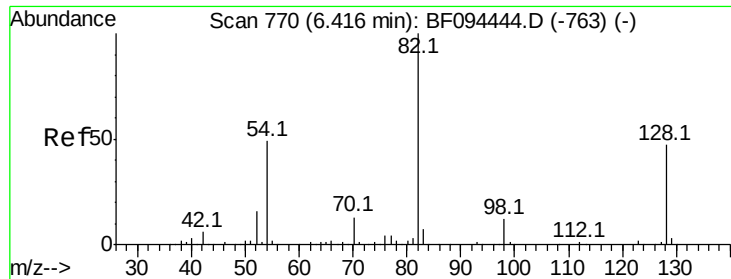
Acq: 18 Apr 2017 17:31

Tgt Ion:	105	Resp:	500047
Ion Ratio	Lower	Upper	
105	100		
71	1.0	2.8	4.2#
51	26.8	30.7	46.1#
120	22.6	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

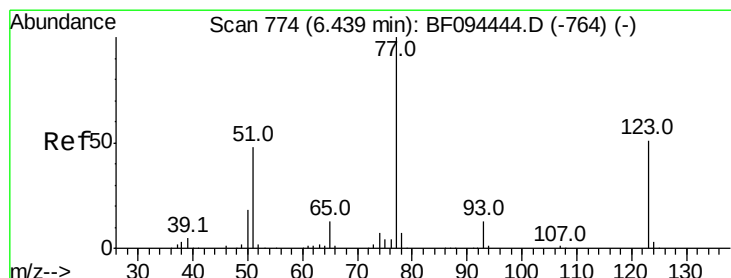
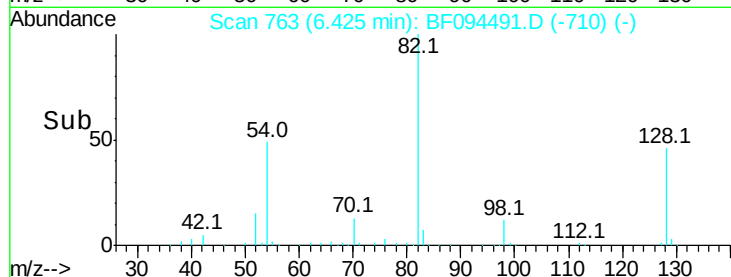
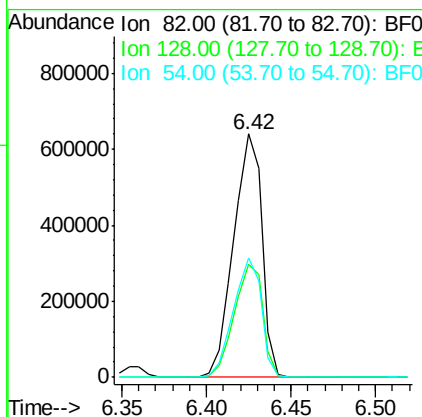
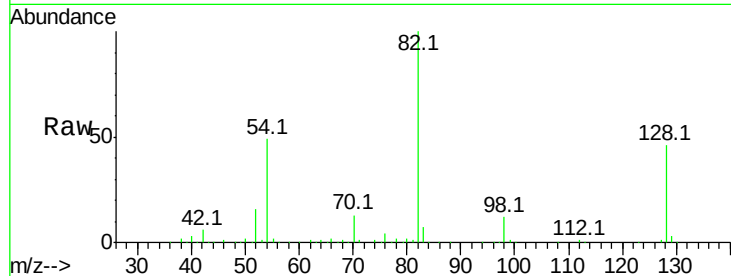




#23
 Nitrobenzene-d5
 Concen: 92.69 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

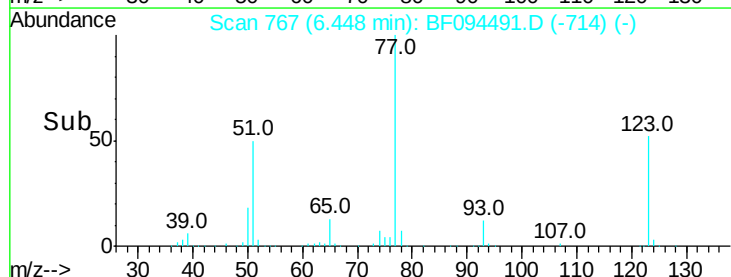
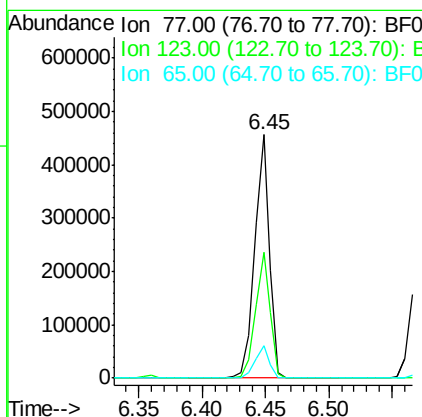
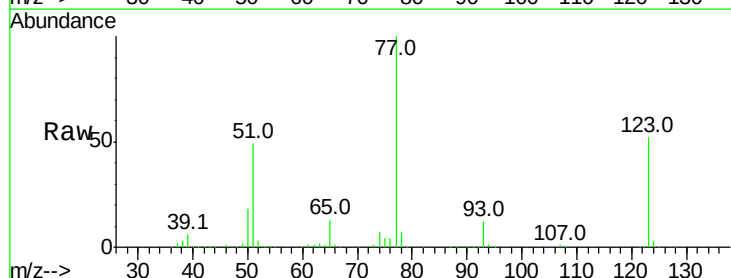
Instrument :
 BNA_F
 ClientSampled :

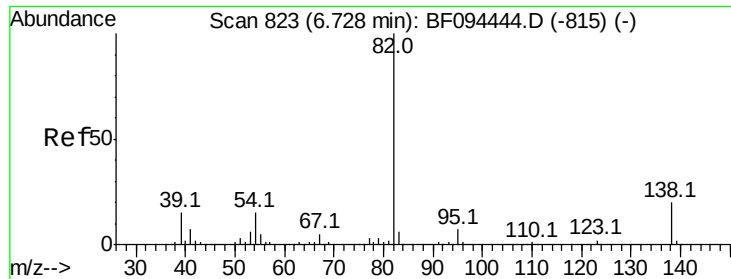
Tot Ion	82	Resp	745315
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.0	51.0
54	48.9	42.2	63.2



#24
 Nitrobenzene
 Concen: 44.23 ng
 RT: 6.45 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	77	Resp	374505
Ion Ratio	Lower	Upper	
77	100		
123	51.8	35.8	53.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 45.48 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :

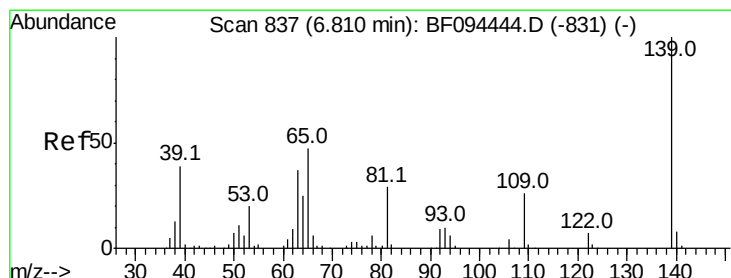
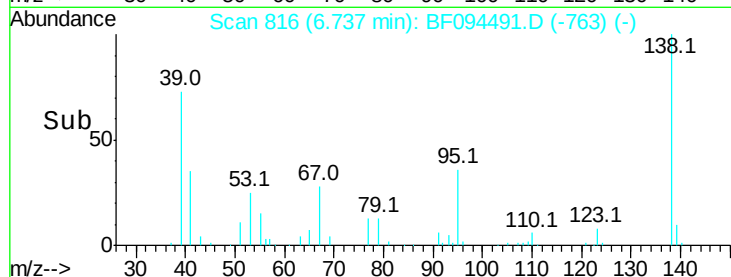
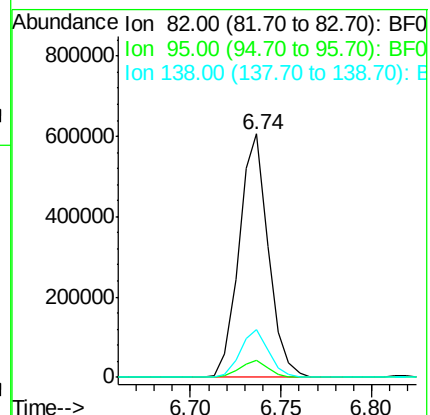
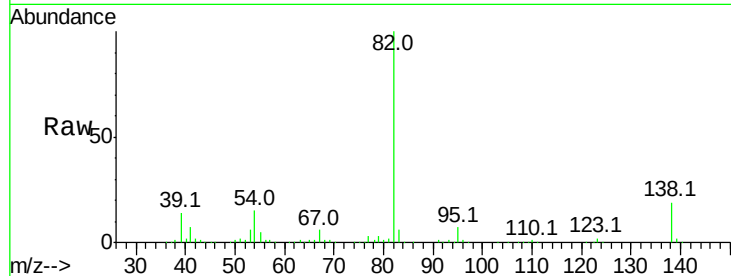
Tot Ion: 82 Resp: 677820

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.5 13.1 19.7



#26

2-Nitrophenol

Concen: 46.55 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

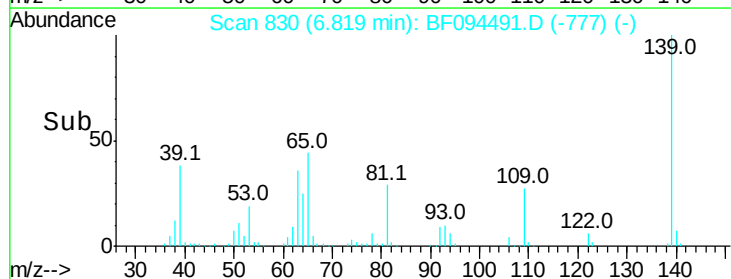
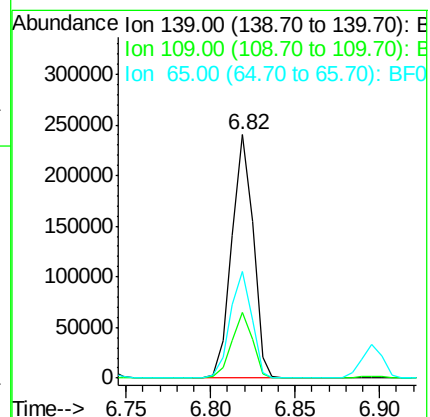
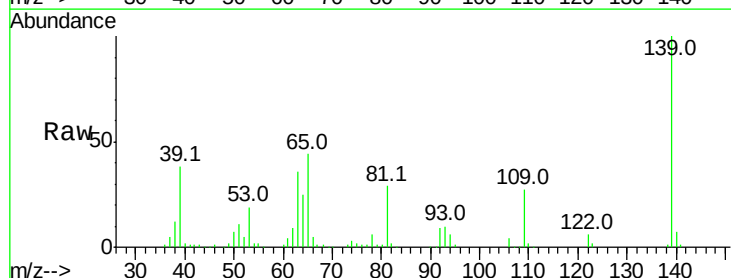
Tgt Ion:139 Resp: 211735

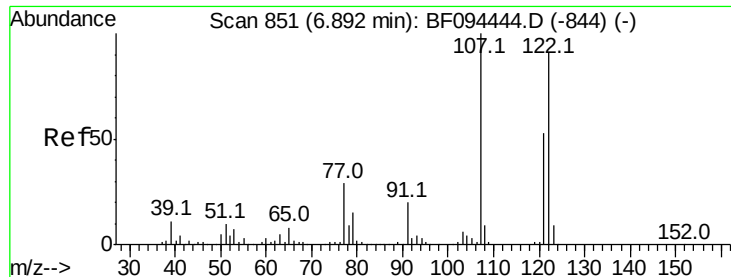
Ion Ratio Lower Upper

139 100

109 26.9 21.0 31.6

65 44.0 33.0 49.6

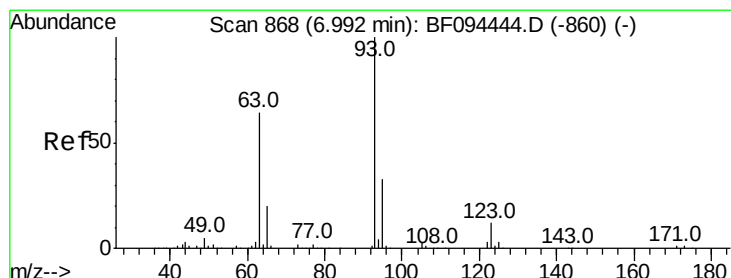
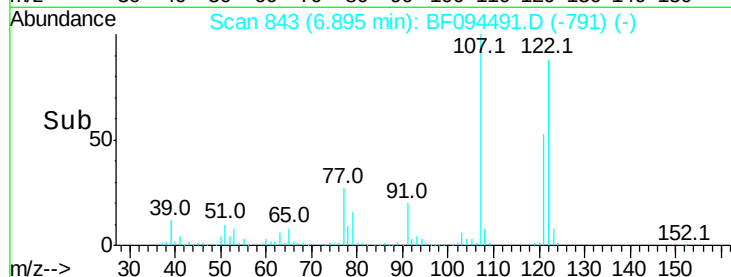
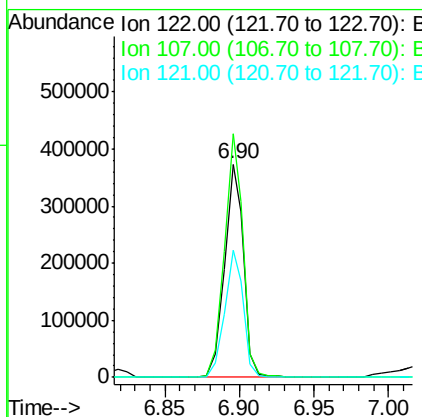
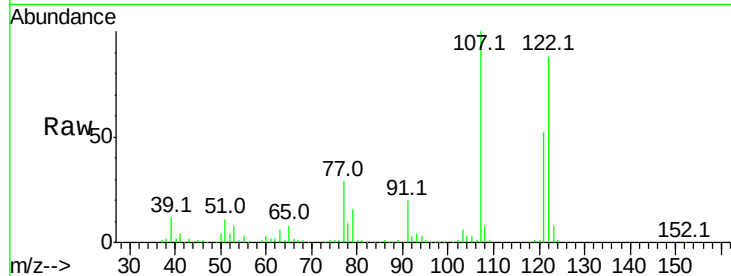




#27
 2,4-Dimethylphenol
 Concen: 45.59 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

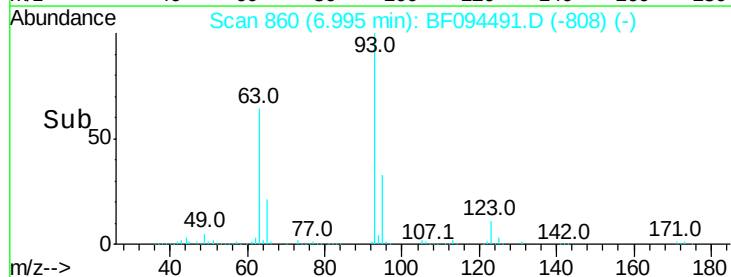
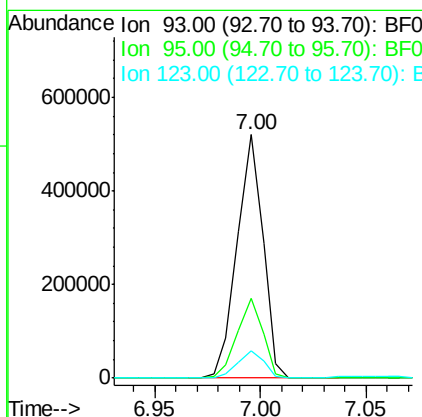
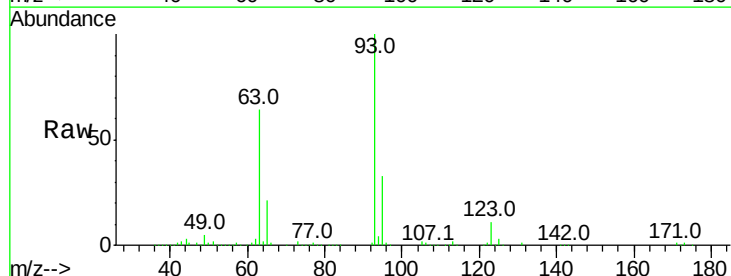
Instrument :
 BNA_F
 ClientSampled :

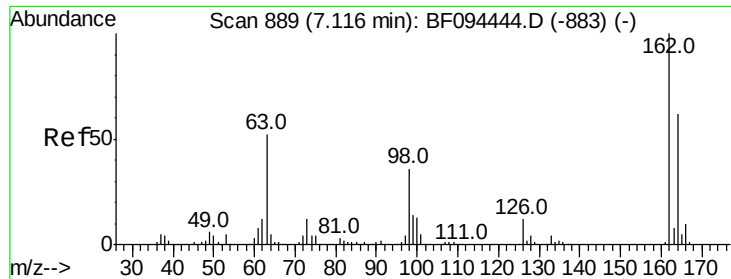
Tot Ion:122 Resp: 336897
 Ion Ratio Lower Upper
 122 100
 107 114.2 89.2 133.8
 121 59.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.78 ng
 RT: 7.00 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion: 93 Resp: 441352
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 11.1 9.0 13.4

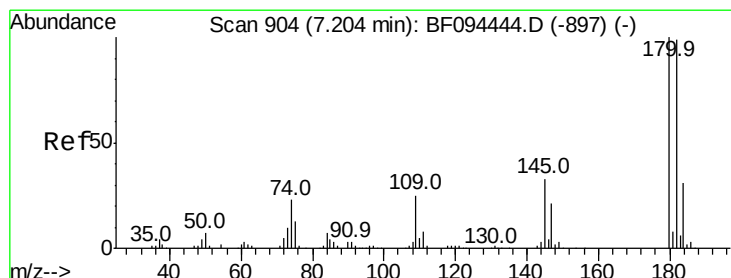
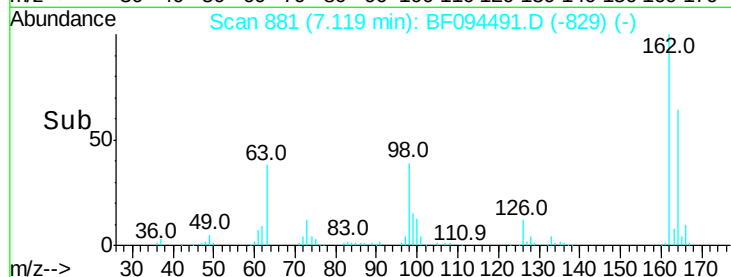
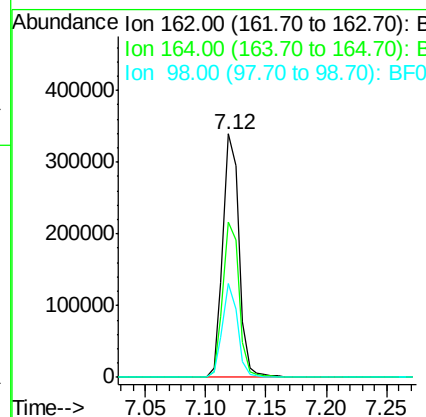
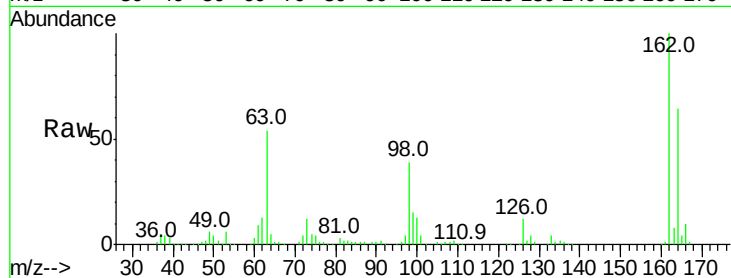




#29
 2,4-Dichlorophenol
 Concen: 45.71 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

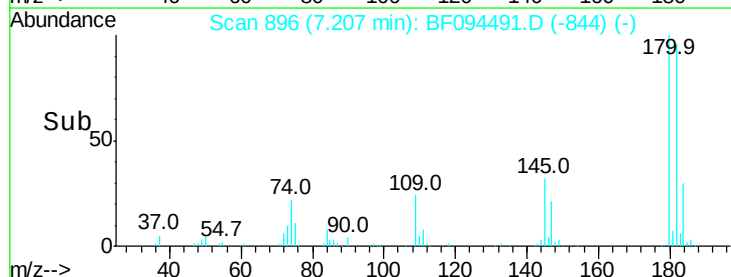
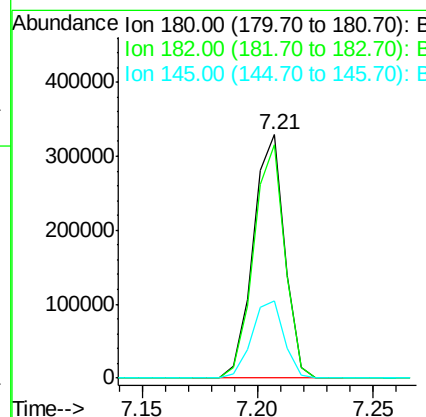
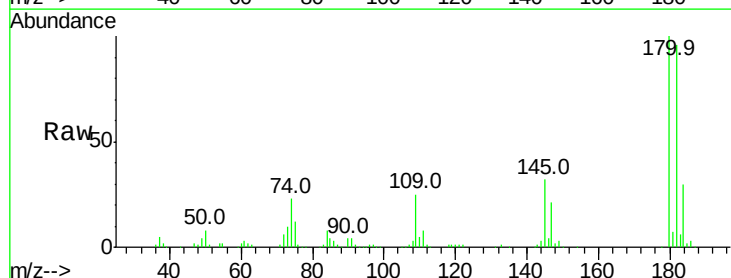
Instrument :
 BNA_F
 ClientSampleId :

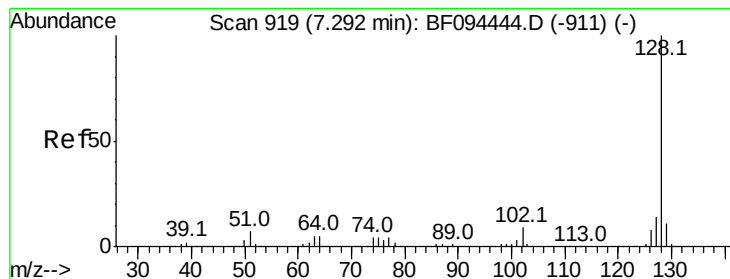
Tot Ion:162 Resp: 314223
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.6 84.6
 98 38.5 14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 44.09 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion:180 Resp: 313337
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.8 113.6
 145 31.9 25.3 37.9





#31

Naphthalene

Concen: 44.43 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

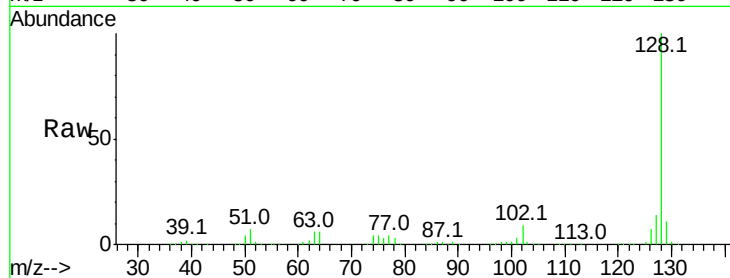
Tot Ion:128 Resp: 1060375

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

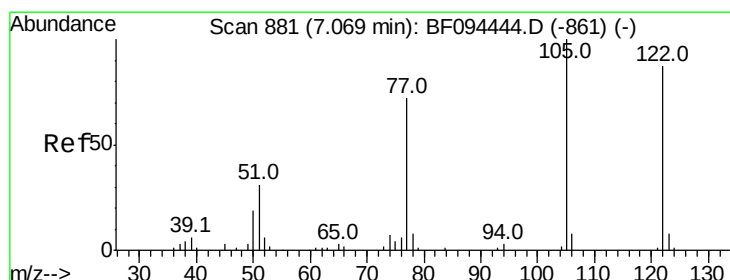
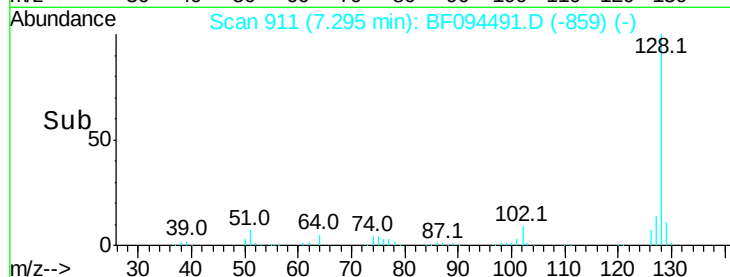
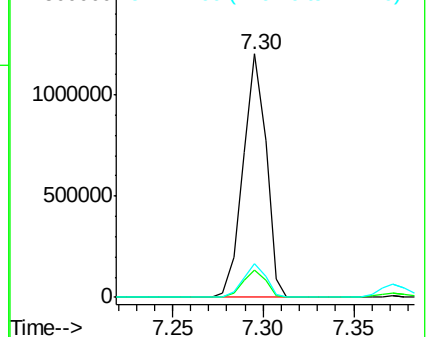
127 13.6 10.8 16.2



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: 33.65 ng

RT: 7.07 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

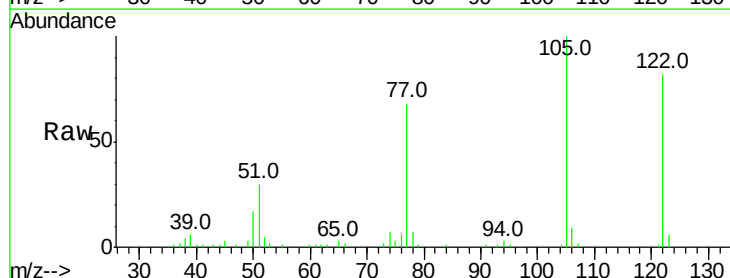
Tgt Ion:122 Resp: 131471

Ion Ratio Lower Upper

122 100

105 121.6 103.3 143.3

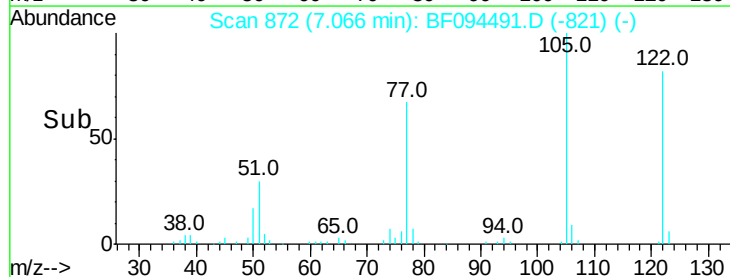
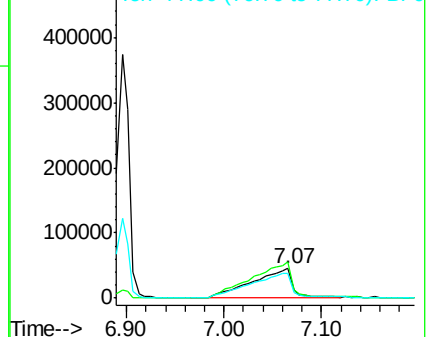
77 82.6 73.7 113.7

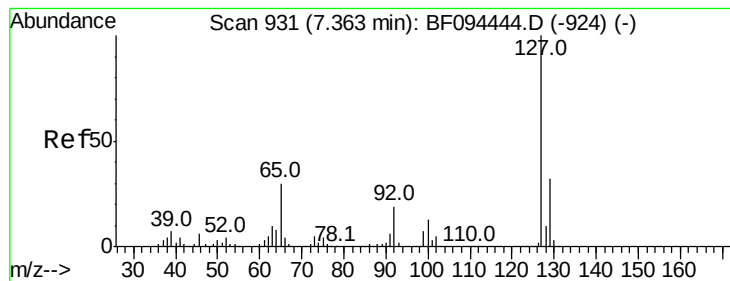


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.08 ng

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 90154

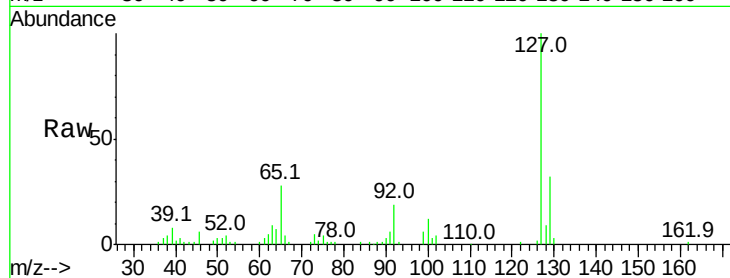
Ion Ratio Lower Upper

127 100

129 31.7 26.2 39.2

65 27.6 27.8 41.8#

92 19.0 16.8 25.2

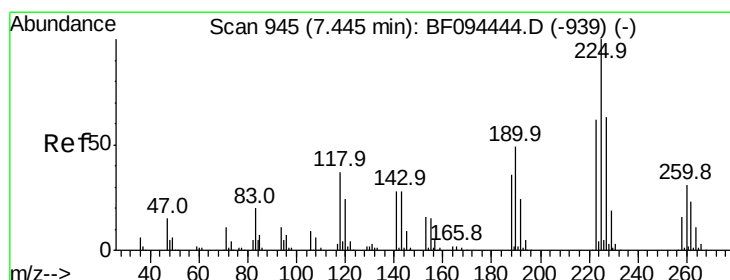
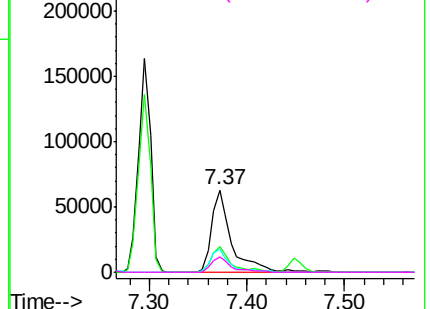
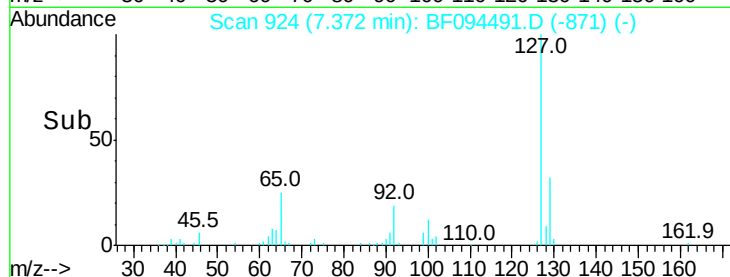


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.34 ng

RT: 7.45 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

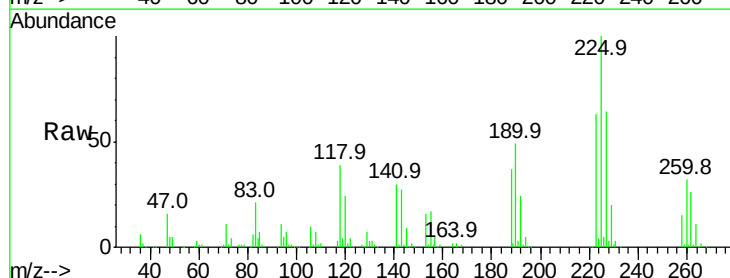
Tgt Ion:225 Resp: 150022

Ion Ratio Lower Upper

225 100

223 63.2 48.8 73.2

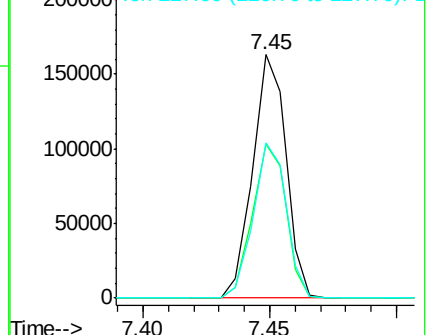
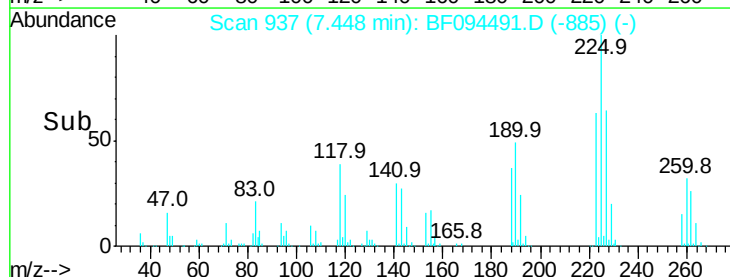
227 64.0 51.1 76.7

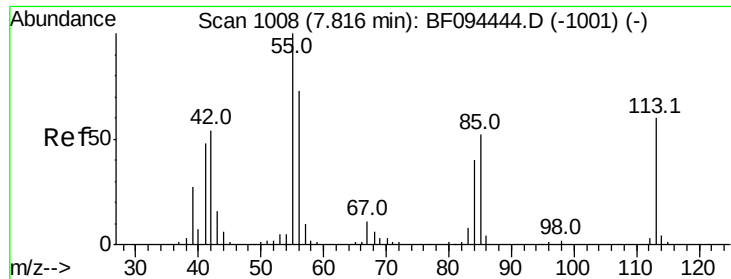


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

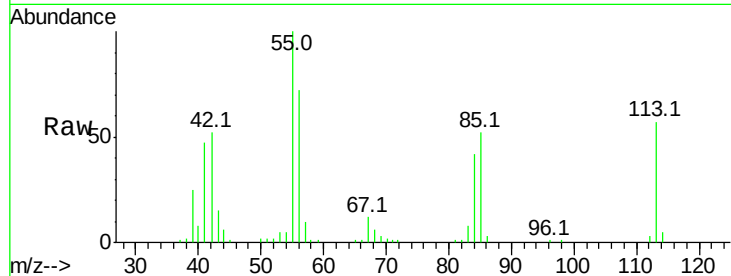




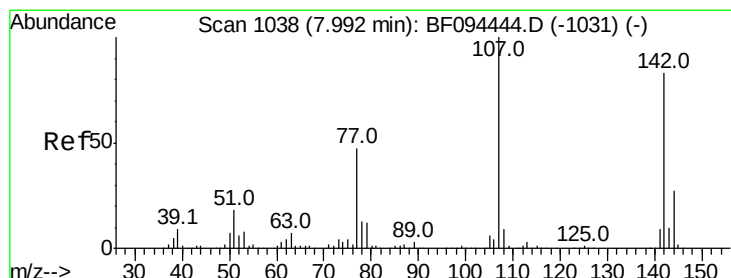
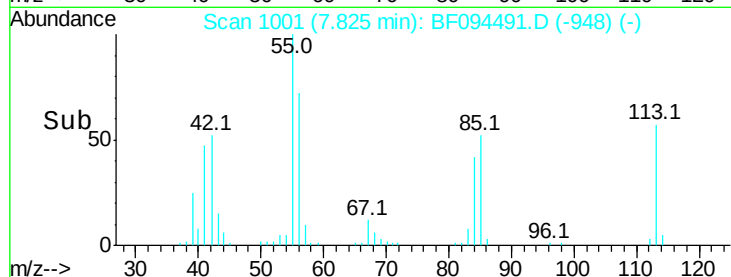
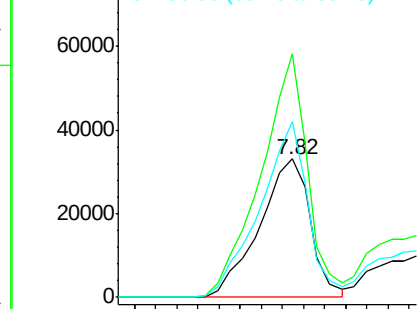
#35
 Caprolactam
 Concen: 25.74 ng
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 55576
 Ion Ratio Lower Upper
 113 100
 55 175.8 150.2 190.2
 56 126.8 107.8 147.8

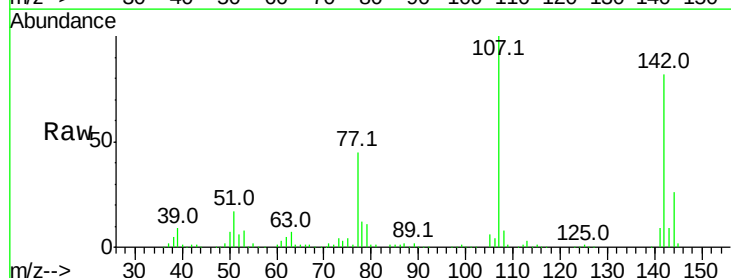


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

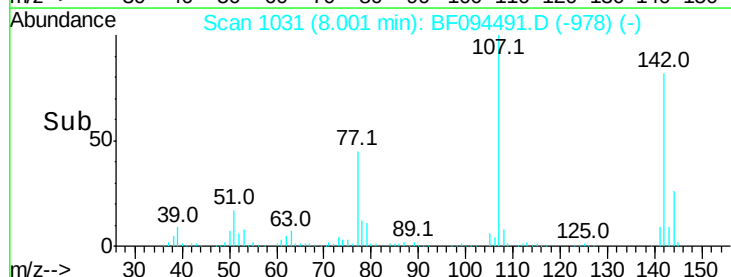
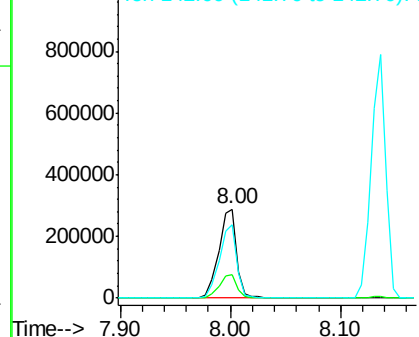


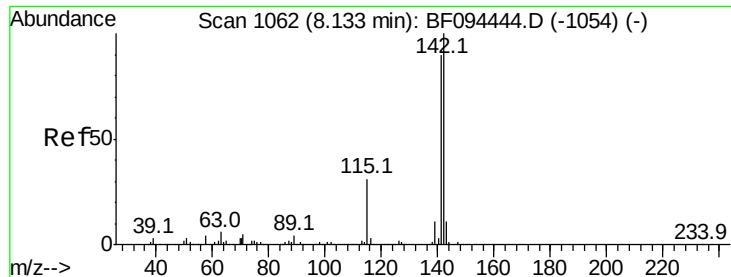
#36
 4-Chloro-3-methylphenol
 Concen: 44.41 ng
 RT: 8.00 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion:107 Resp: 319888
 Ion Ratio Lower Upper
 107 100
 144 26.0 24.2 36.4
 142 82.5 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: 44.95 ng

RT: 8.14 min Scan# 1054

Delta R.T. 0.00 min

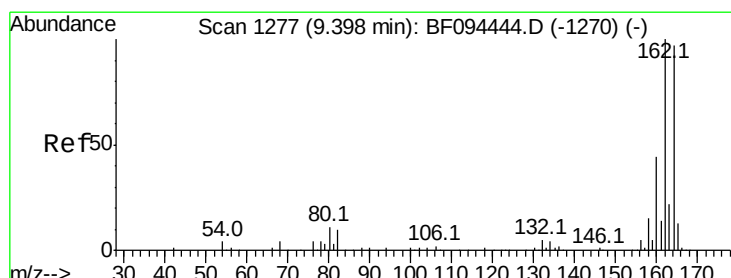
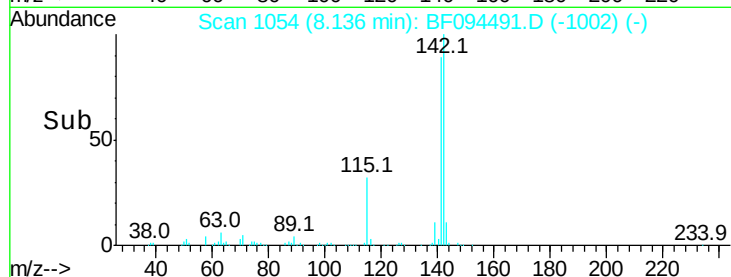
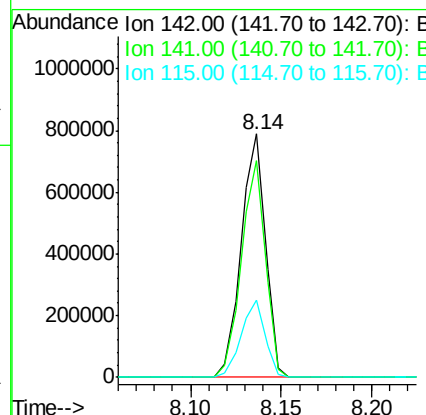
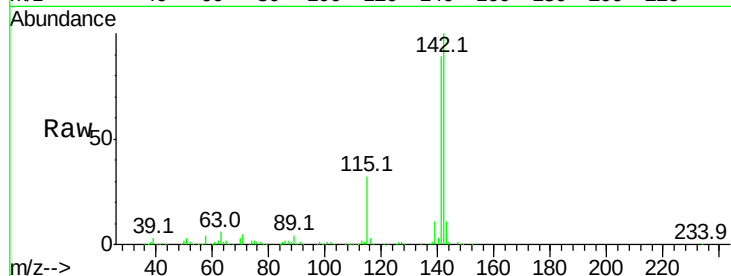
Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 734090

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	31.6	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1269

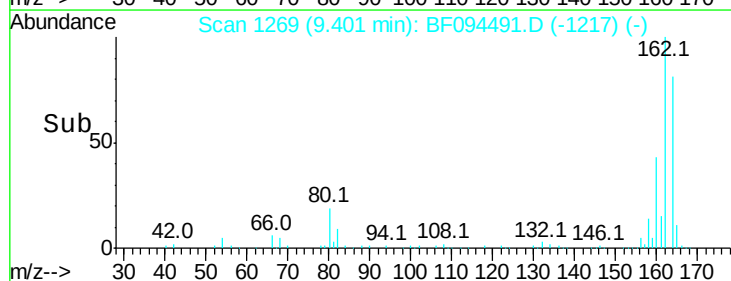
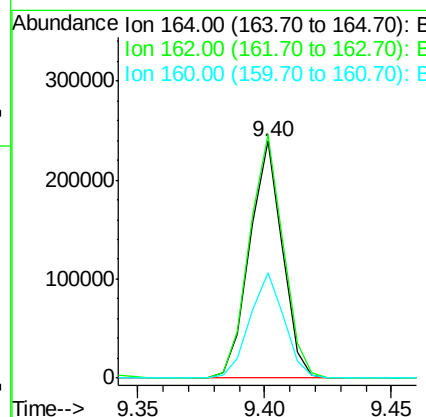
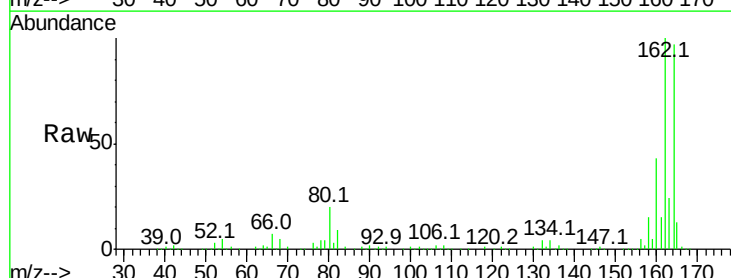
Delta R.T. 0.00 min

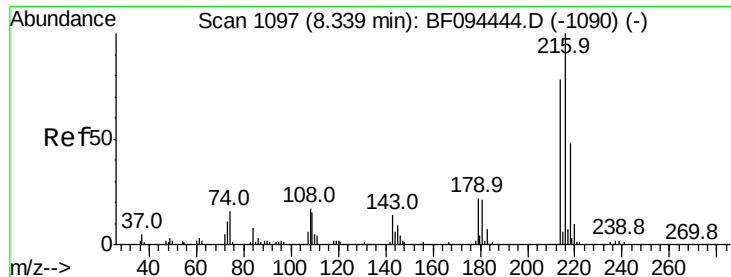
Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Tgt Ion:164 Resp: 214989

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	44.6	36.2	54.2

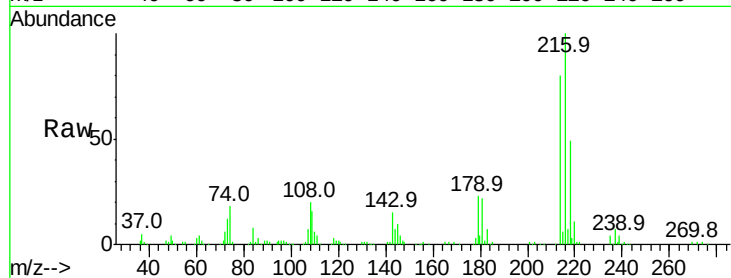




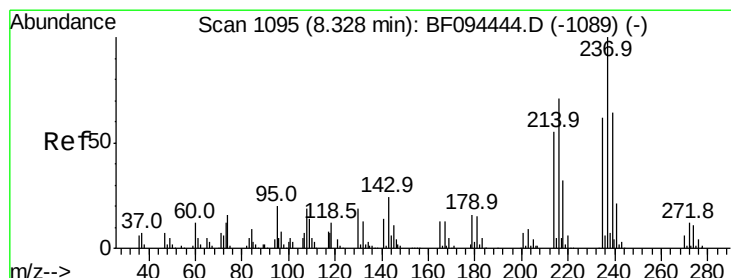
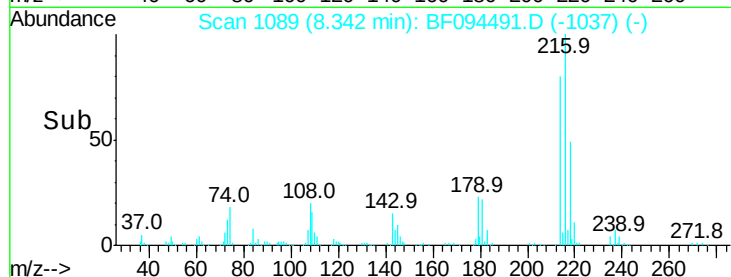
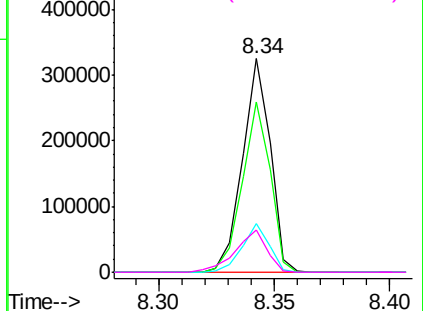
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.76 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	274033
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	22.2	17.9	26.9
108	22.3	16.5	24.7

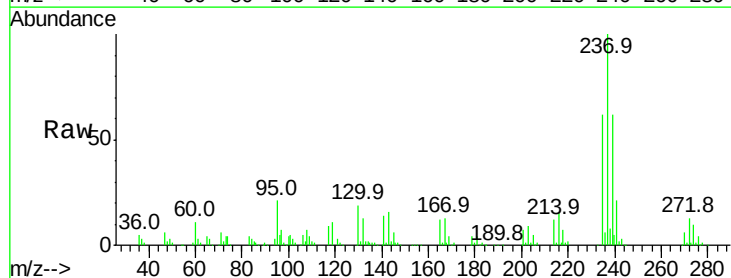


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

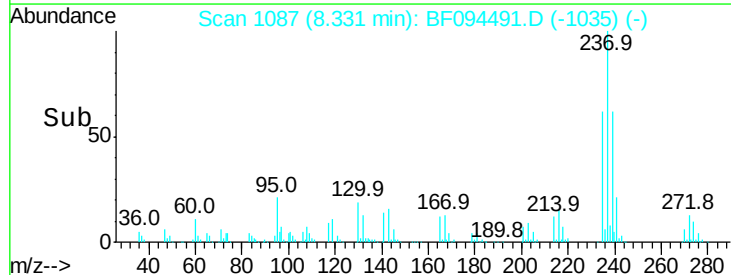
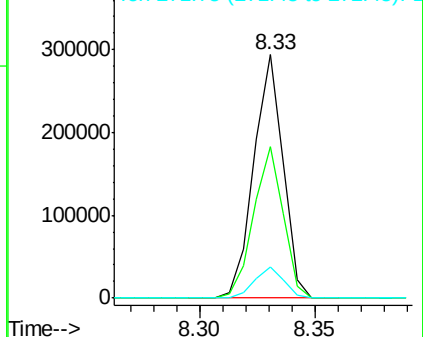


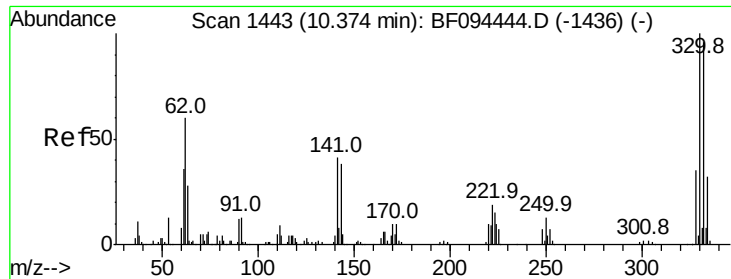
#40
 Hexachlorocyclopentadiene
 Concen: 105.39 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion:	237	Resp:	260995
Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.6	82.6
272	12.9	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

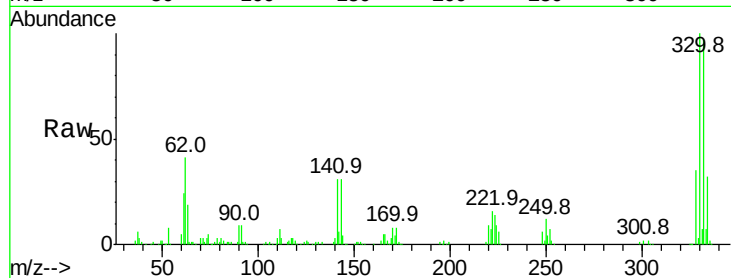




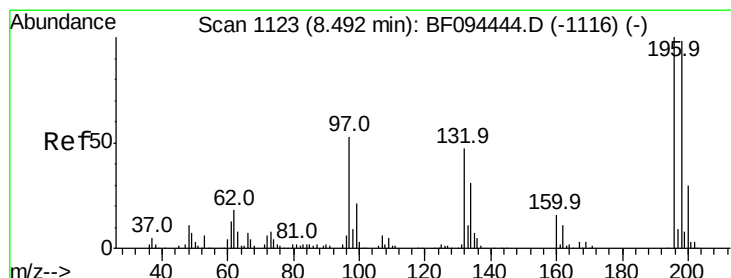
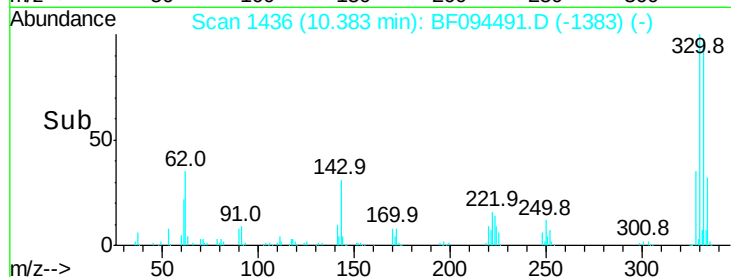
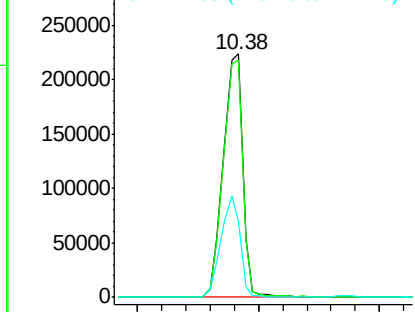
#41
 2,4,6-Tribromophenol
 Concen: 150.00 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	40.7	31.4	47.2

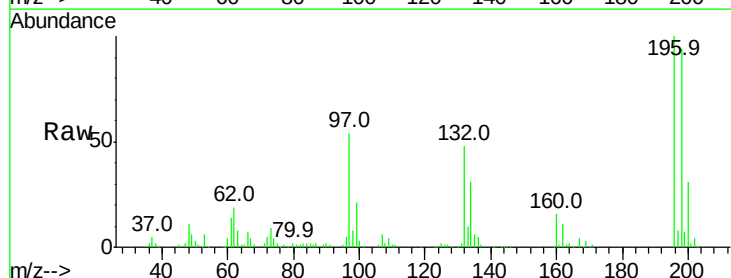


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

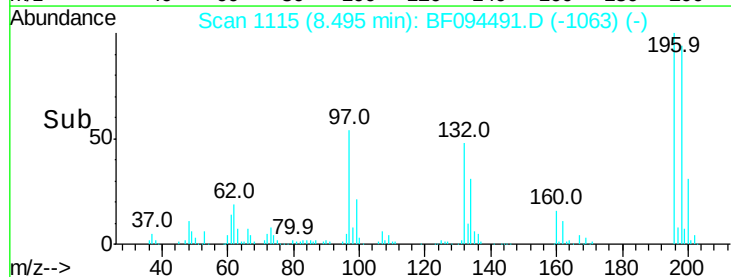
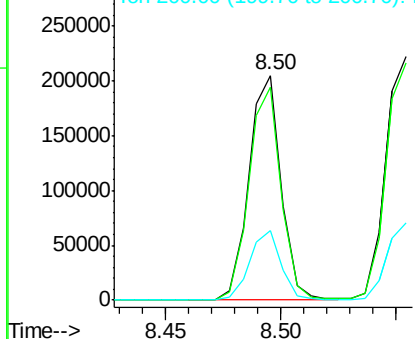


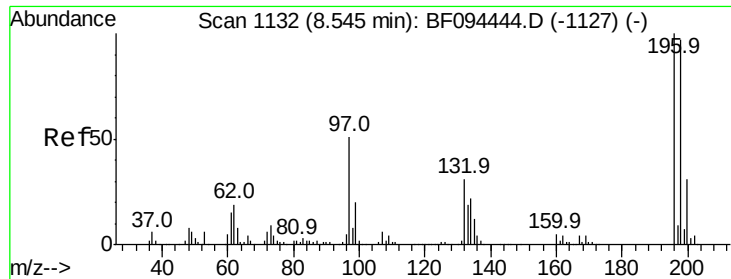
#42
 2,4,6-Trichlorophenol
 Concen: 46.28 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.2	111.4
200	31.1	24.0	36.0



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

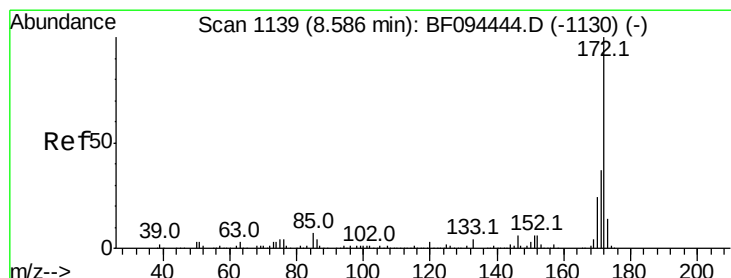
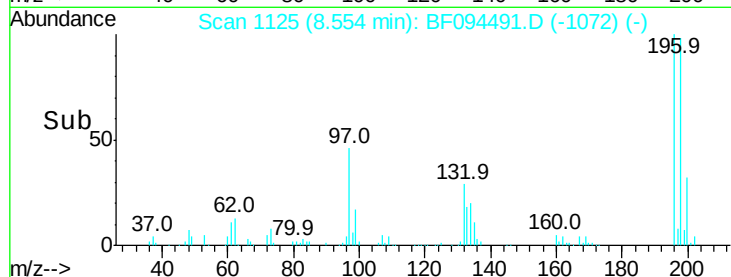
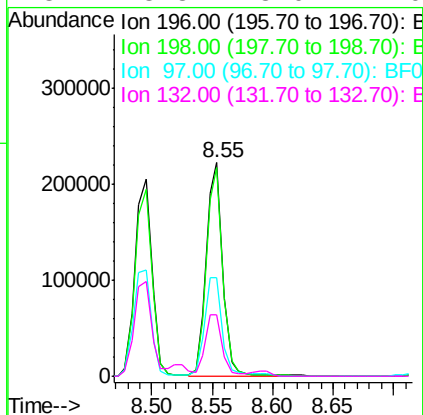
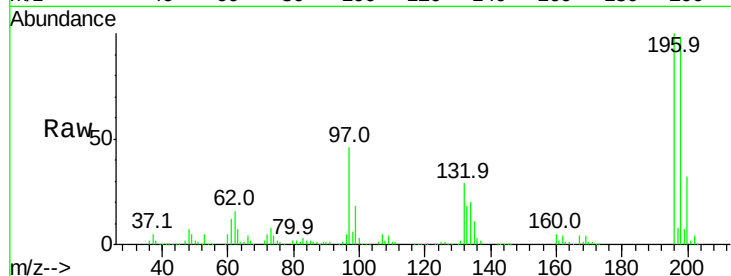




#43
 2,4,5-Trichlorophenol
 Concen: 47.46 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

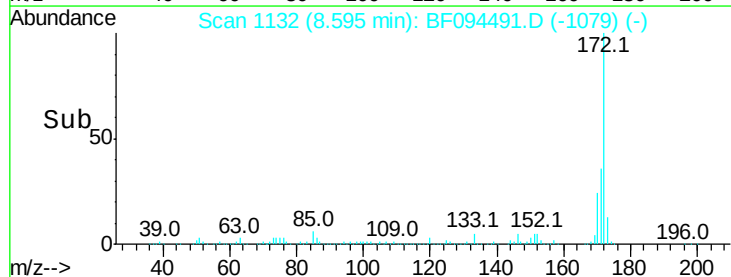
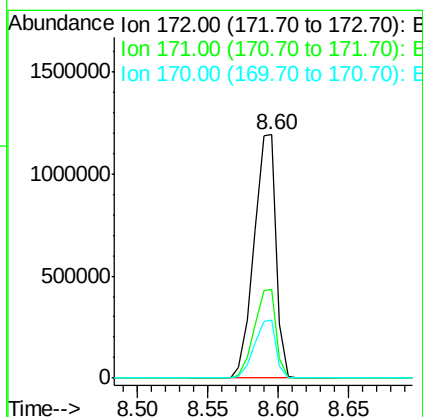
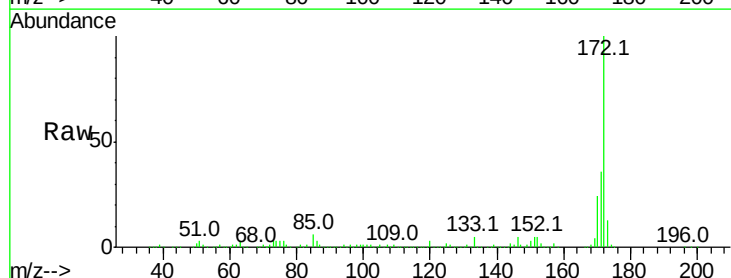
Instrument :
 BNA_F
 ClientSampled :

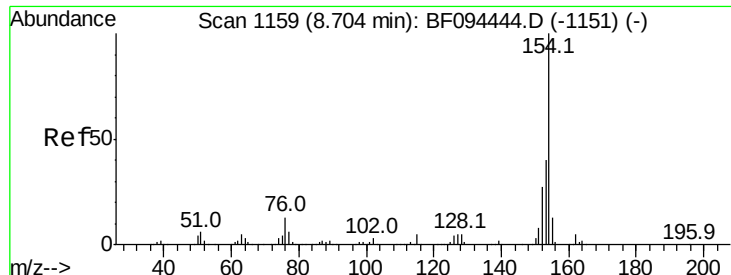
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.7	113.5
97	46.3	47.7	71.5#
132	28.8	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 89.82 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.8	19.8	29.8





#45

1,1'-Biphenyl

Concen: 42.60 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

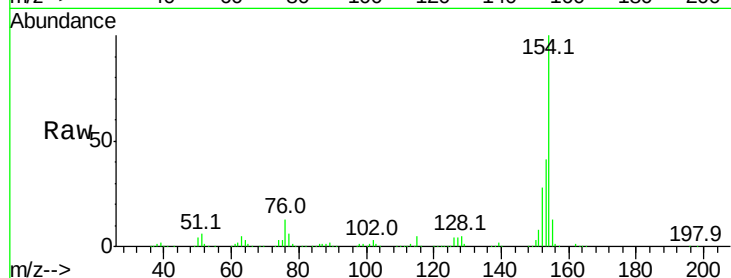
Tot Ion:154 Resp: 748359

Ion Ratio Lower Upper

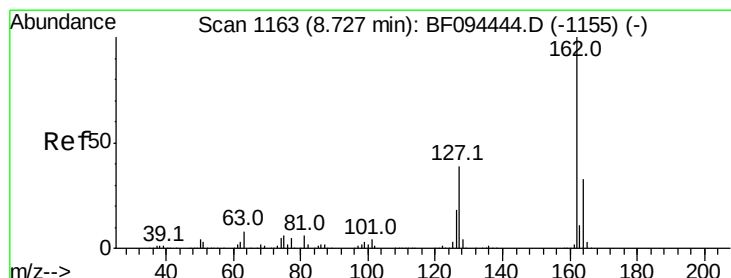
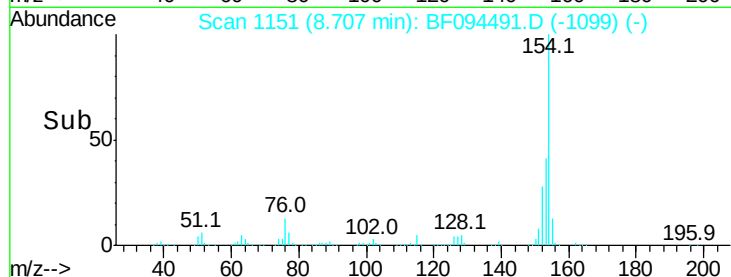
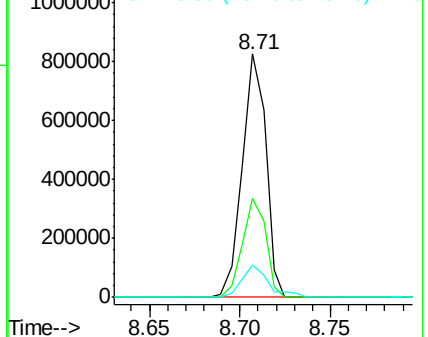
154 100

153 40.8 21.2 61.2

76 13.5 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: 45.86 ng

RT: 8.72 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

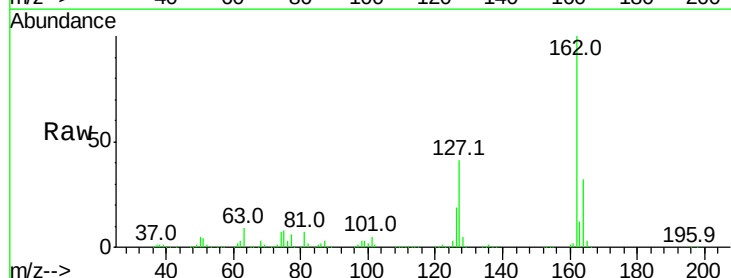
Tgt Ion:162 Resp: 640453

Ion Ratio Lower Upper

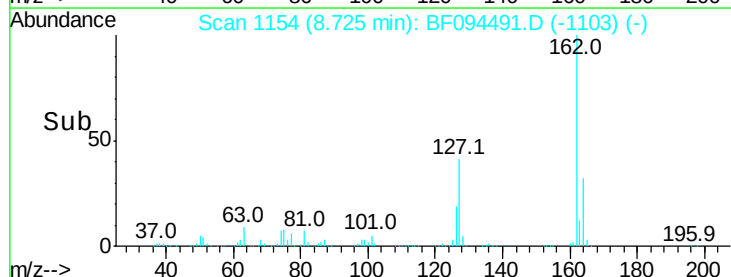
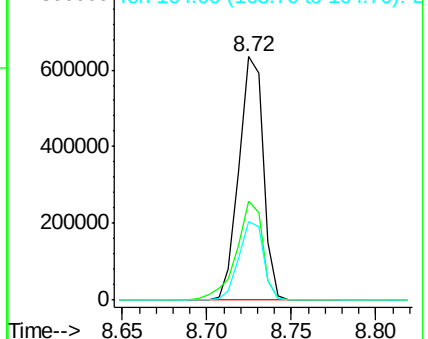
162 100

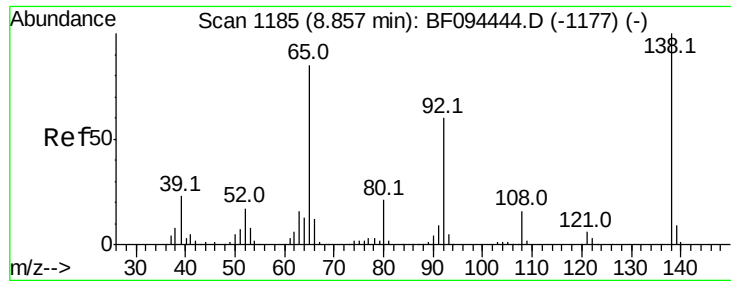
127 40.8 28.3 42.5

164 32.3 27.0 40.4



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

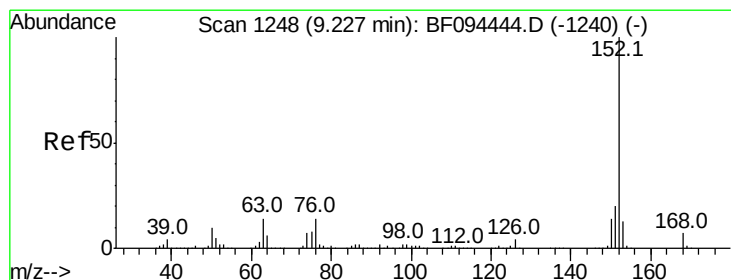
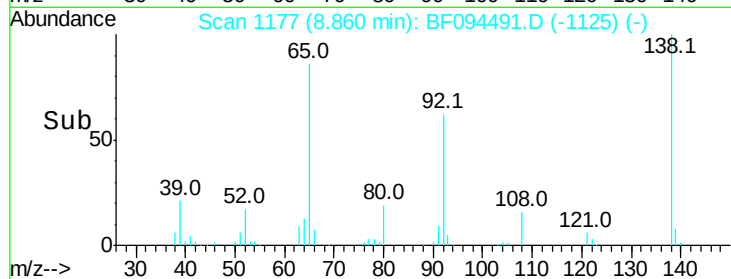
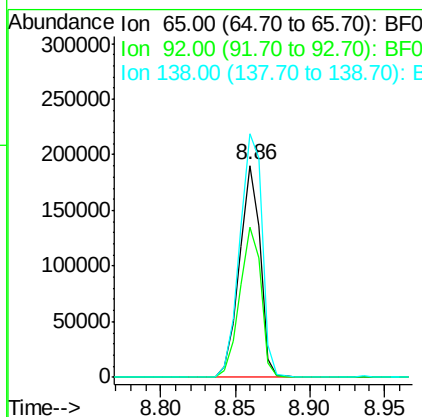
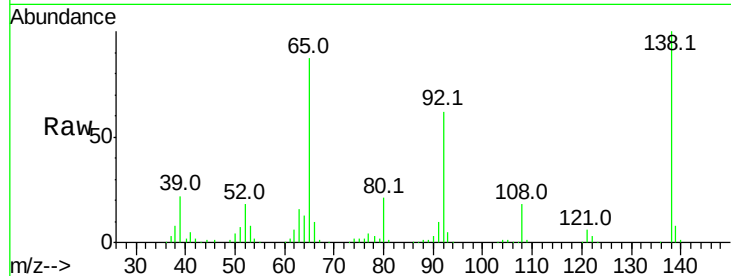




#47
 2-Nitroaniline
 Concen: 46.04 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

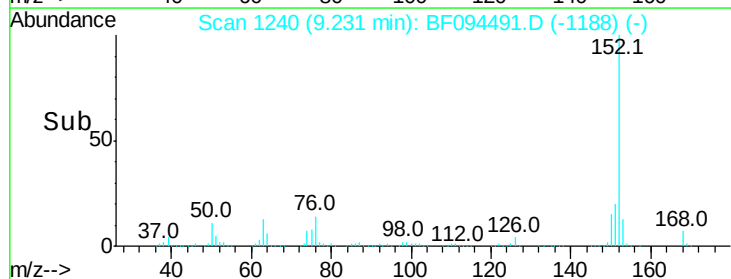
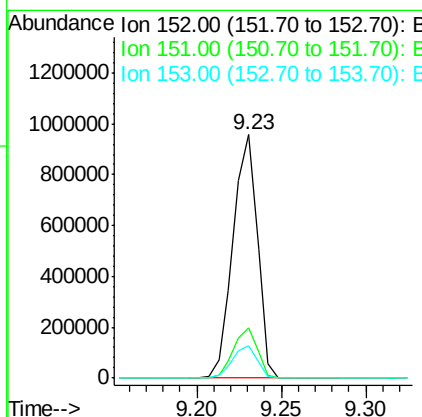
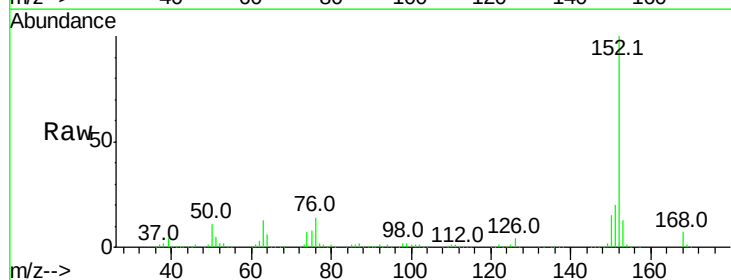
Instrument :
 BNA_F
 ClientSampled :

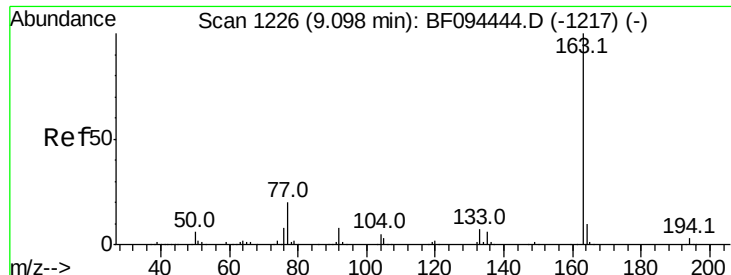
Tot Ion: 65 Resp: 184964
 Ion Ratio Lower Upper
 65 100
 92 70.9 53.9 80.9
 138 115.0 78.8 118.2



#48
 Acenaphthylene
 Concen: 44.07 ng
 RT: 9.23 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion:152 Resp: 959567
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 50.16 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

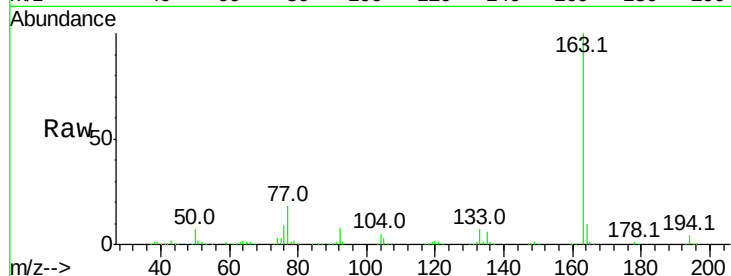
Tot Ion:163 Resp: 803618

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

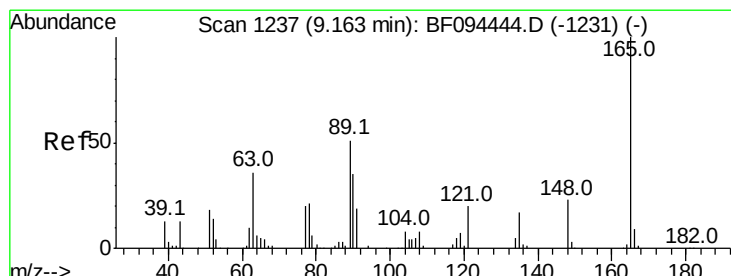
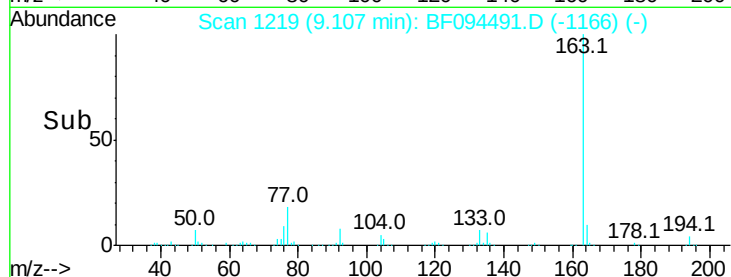
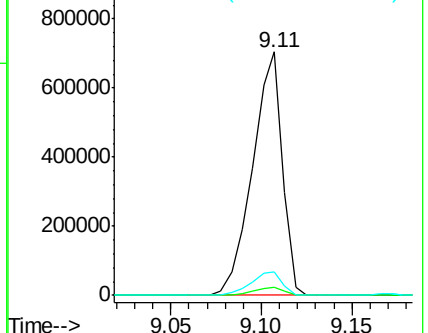
164 9.6 8.4 12.6



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: 50.18 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

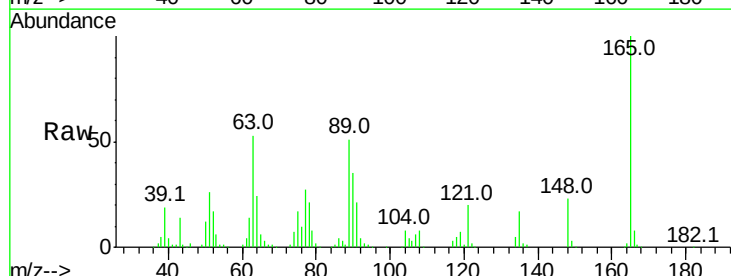
Tgt Ion:165 Resp: 180466

Ion Ratio Lower Upper

165 100

63 52.5 34.3 51.5#

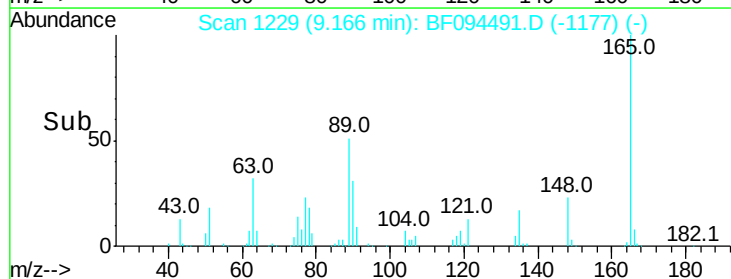
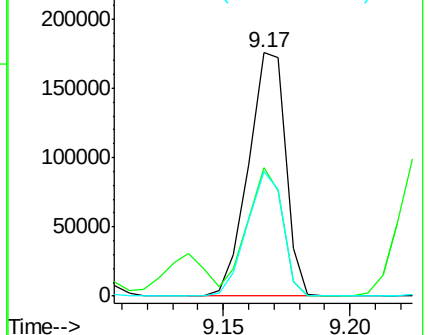
89 51.3 37.1 55.7

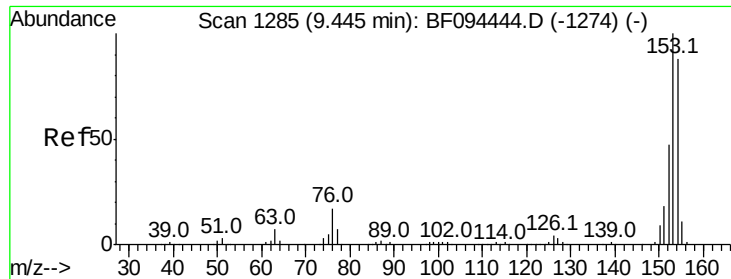


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.75 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

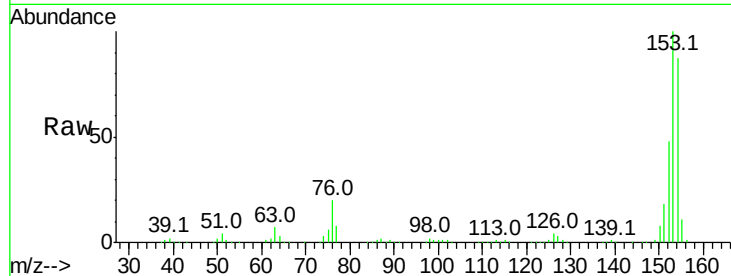
Tot Ion:154 Resp: 583625

Ion Ratio Lower Upper

154 100

153 115.2 90.5 135.7

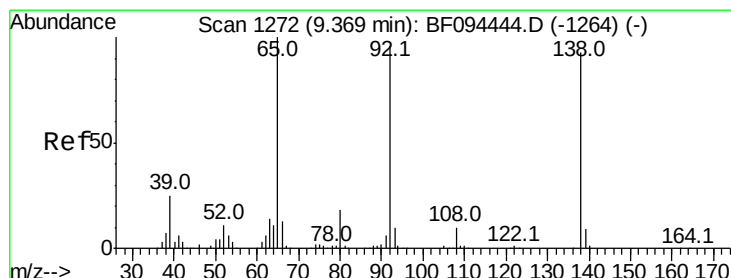
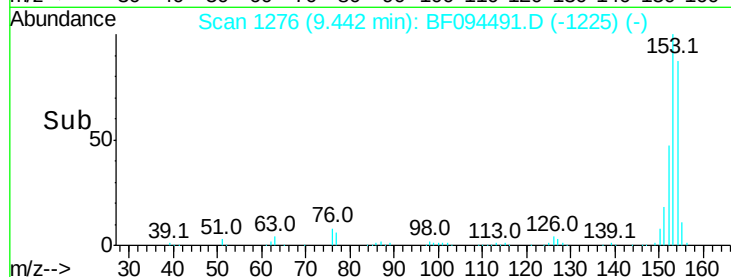
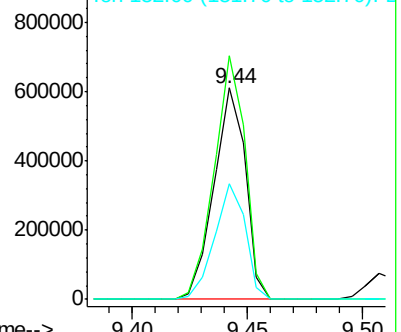
152 54.7 43.6 65.4



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: 19.09 ng

RT: 9.37 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

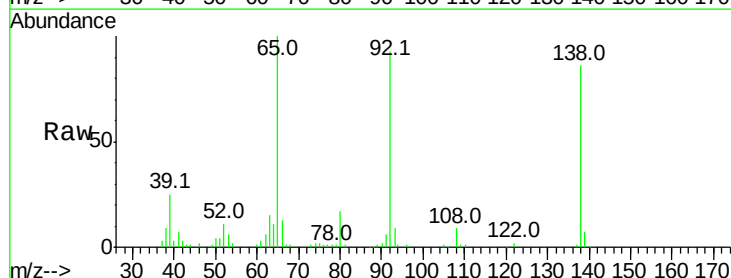
Tgt Ion:138 Resp: 79431

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

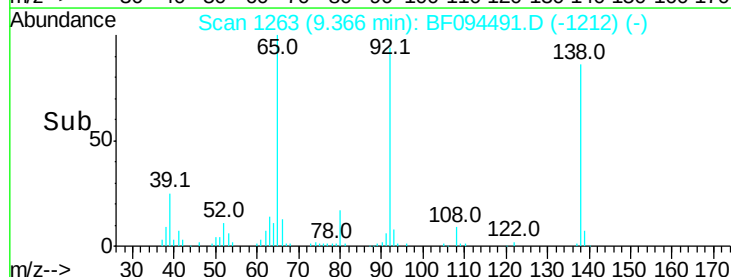
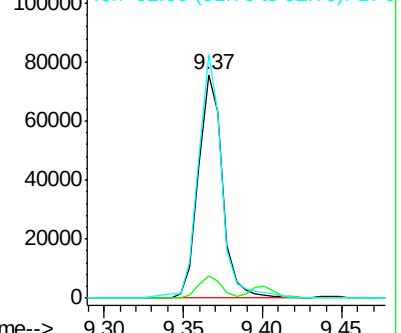
92 108.8 93.8 140.6

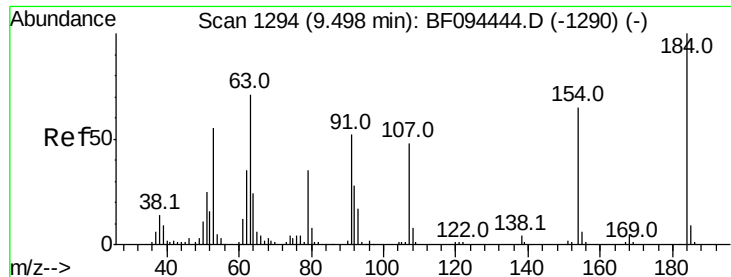


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

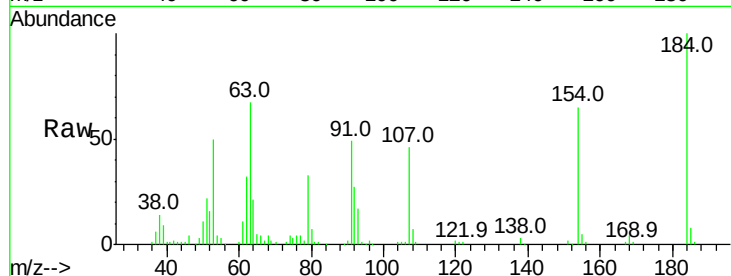




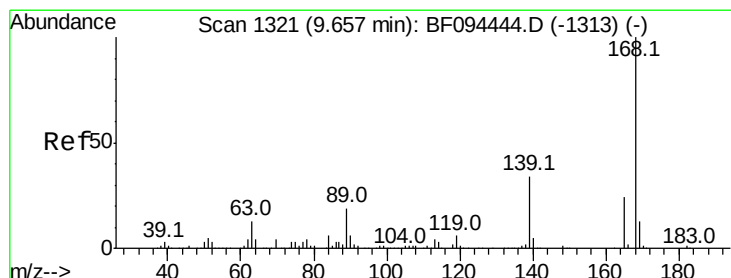
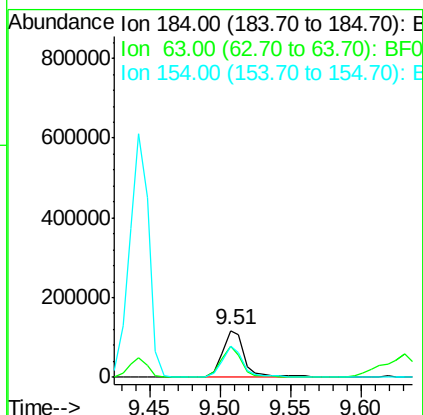
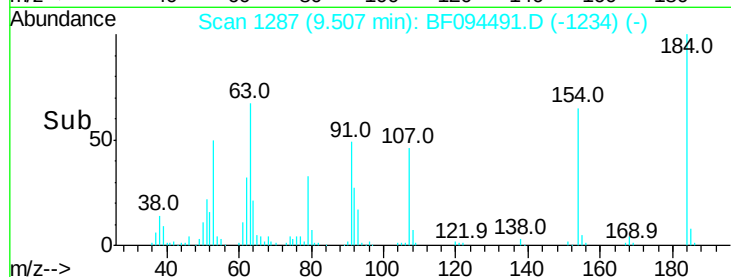
#53
 2,4-Dinitrophenol
 Concen: 68.18 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 131249
 Ion Ratio Lower Upper
 184 100
 63 67.2 62.7 94.1
 154 65.0 81.1 121.7#

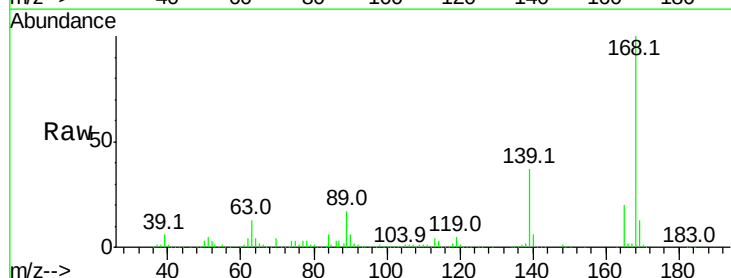


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

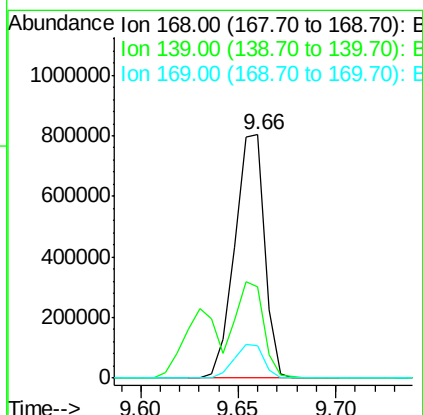
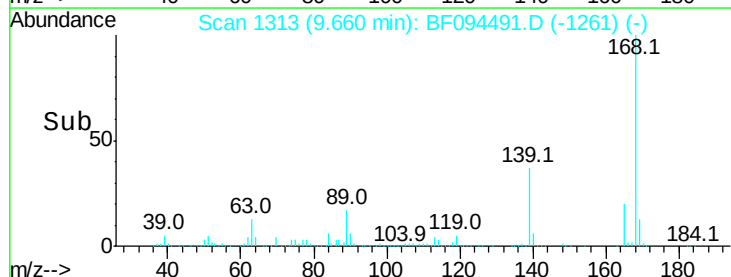


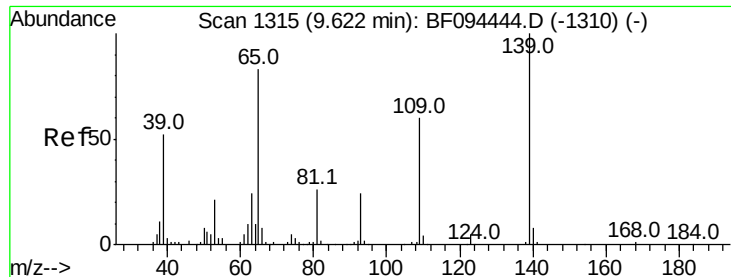
#54
 Dibenzofuran
 Concen: 44.98 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion:168 Resp: 852505
 Ion Ratio Lower Upper
 168 100
 139 37.4 30.6 45.8
 169 13.2 10.8 16.2



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





#55

4-Nitrophenol

Concen: 92.25 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

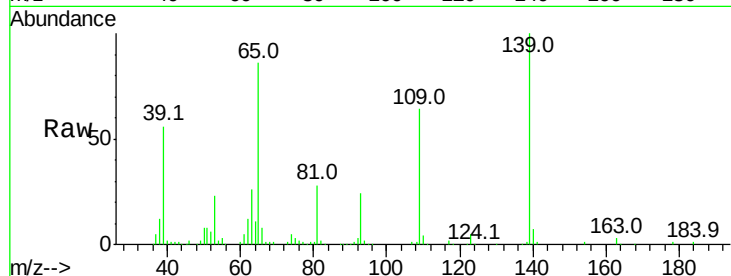
Tot Ion:139 Resp: 271164

Ion Ratio Lower Upper

139 100

109 63.6 34.1 74.1

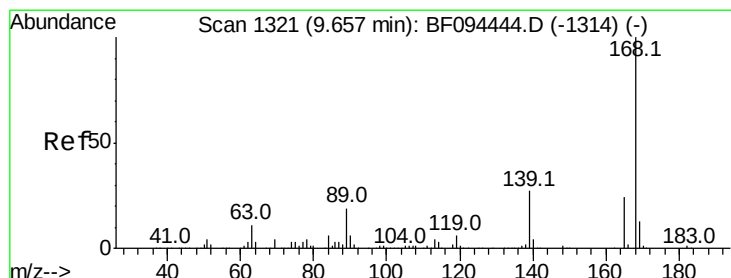
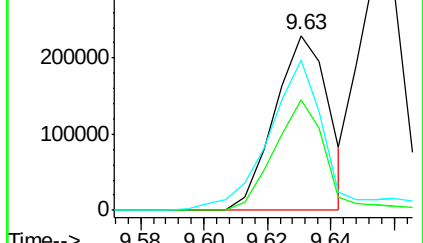
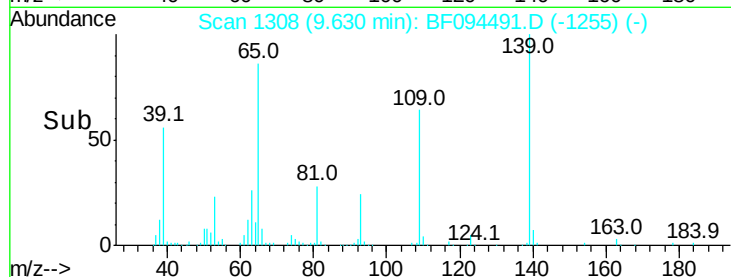
65 85.9 31.4 71.4#



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: 49.17 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Tgt Ion:165 Resp: 216957

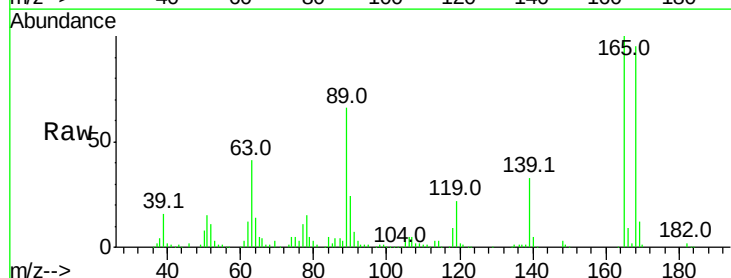
Ion Ratio Lower Upper

165 100

63 40.7 25.4 38.0#

89 66.0 46.4 69.6

182 2.4 1.8 2.6

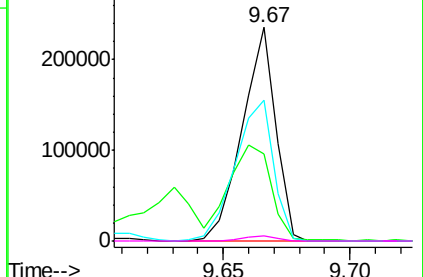
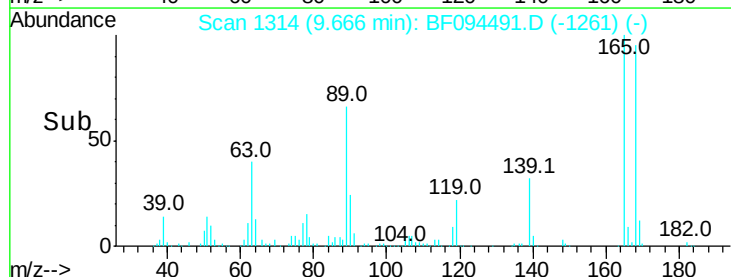


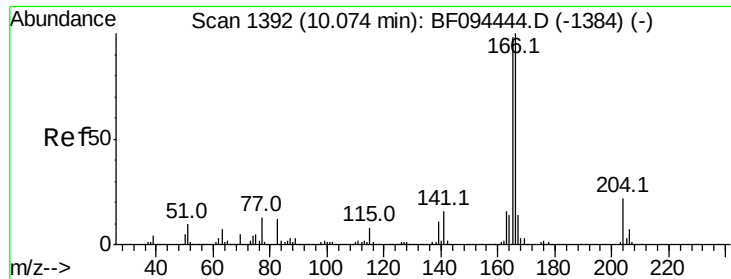
Abundance Ion 165.00 (164.70 to 165.70): E

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

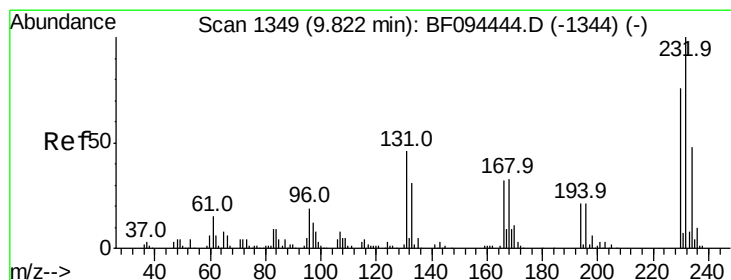
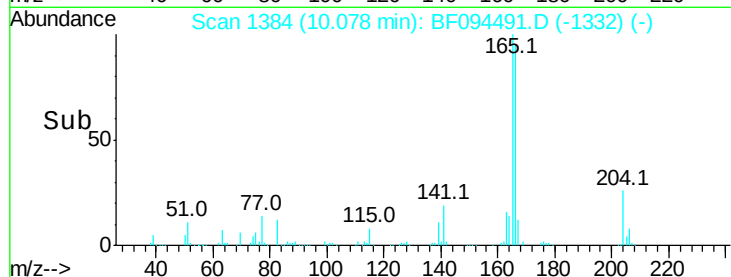
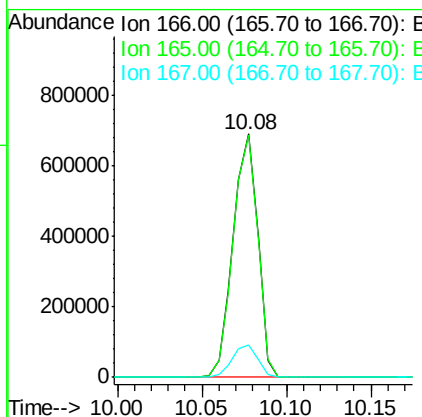
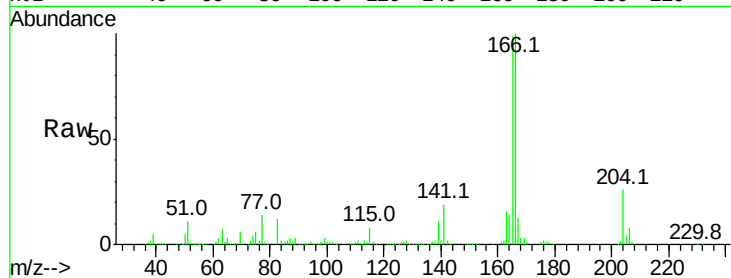




#57
 Fluorene
 Concen: 47.44 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

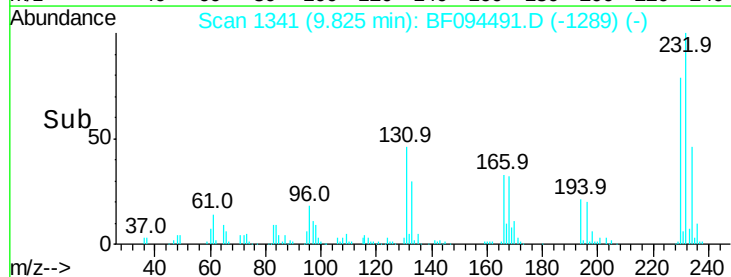
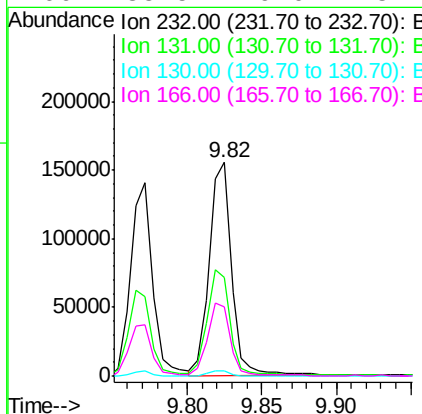
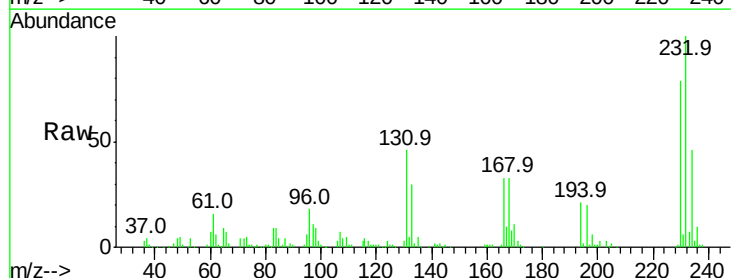
Instrument :
 BNA_F
 ClientSampled :

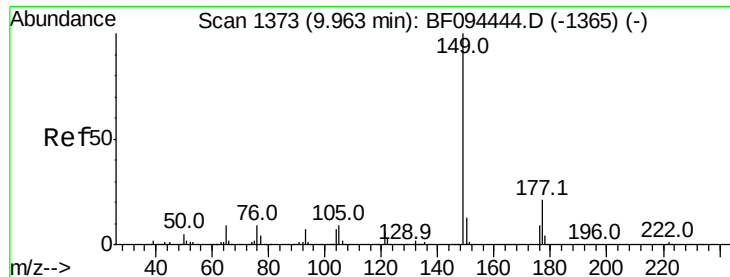
Tot Ion:166 Resp: 700154
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.38 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion:232 Resp: 159420
 Ion Ratio Lower Upper
 232 100
 131 51.8 44.8 67.2
 130 2.5 2.3 3.5
 166 35.5 29.0 43.4





#59

Diethylphthalate

Concen: 50.83 ng

RT: 9.97 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

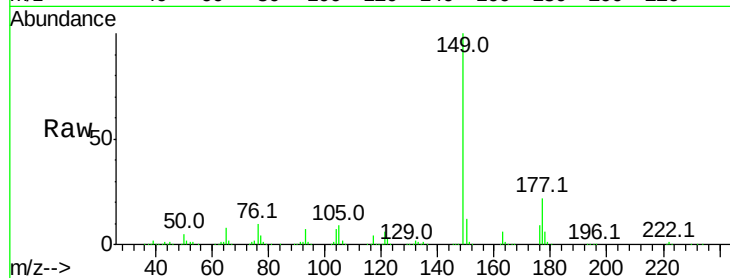
Tot Ion:149 Resp: 768363

Ion Ratio Lower Upper

149 100

177 21.7 16.7 25.1

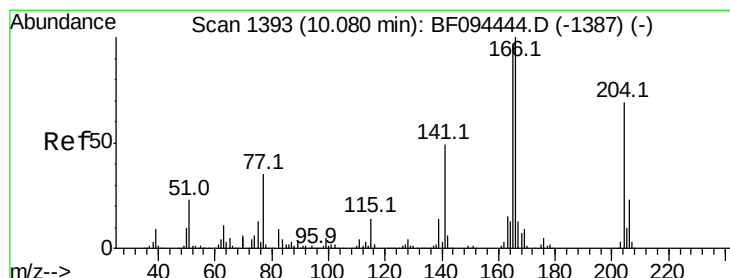
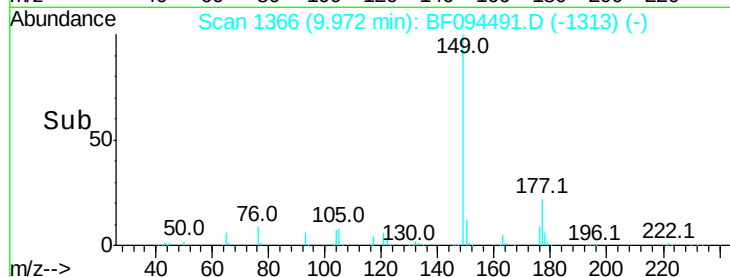
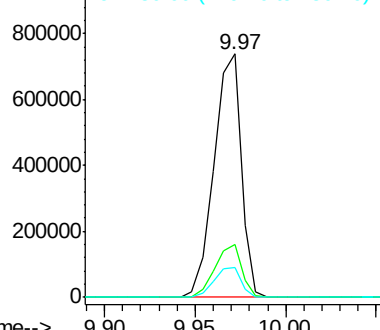
150 12.2 10.2 15.2



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: 49.37 ng

RT: 10.08 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

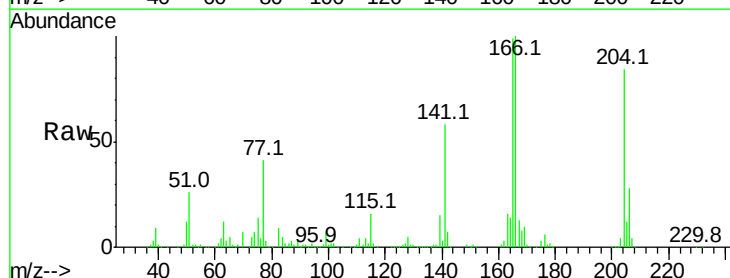
Tgt Ion:204 Resp: 303247

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.2

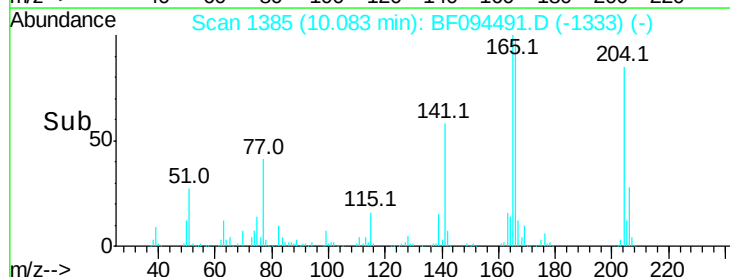
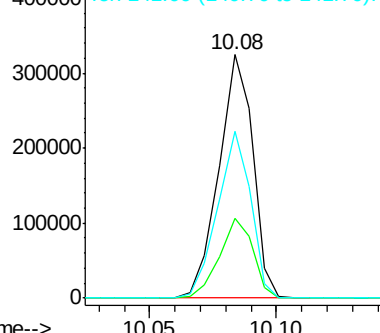
141 68.6 60.8 91.2

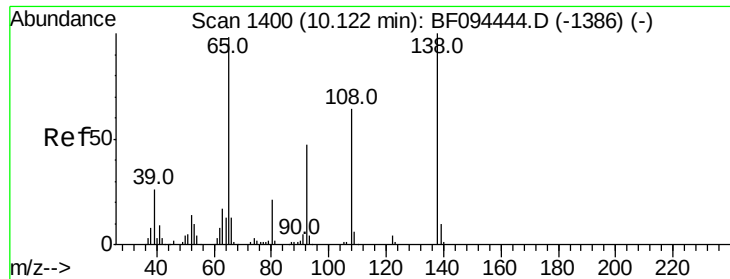


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

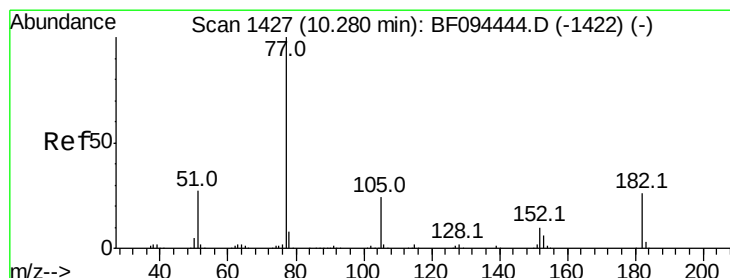
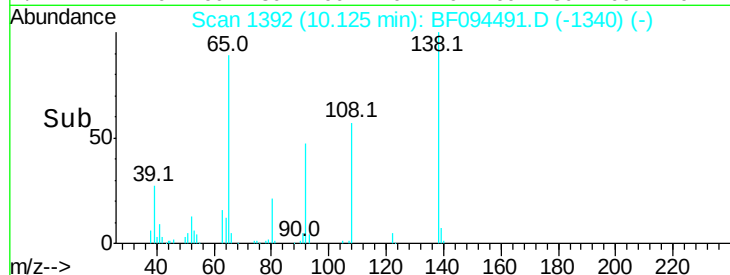
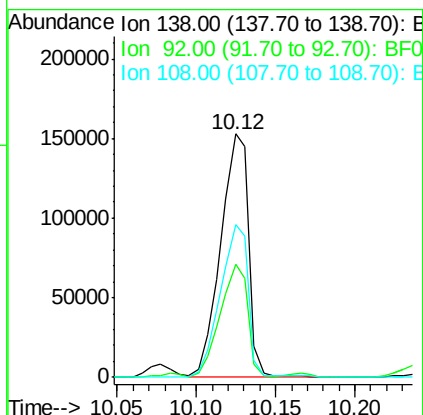
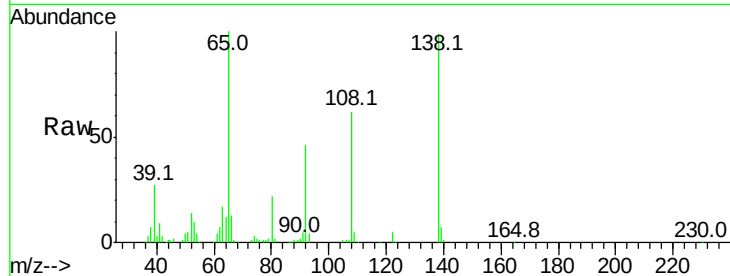




#61
4-Nitroaniline
Concen: 44.16 ng
RT: 10.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

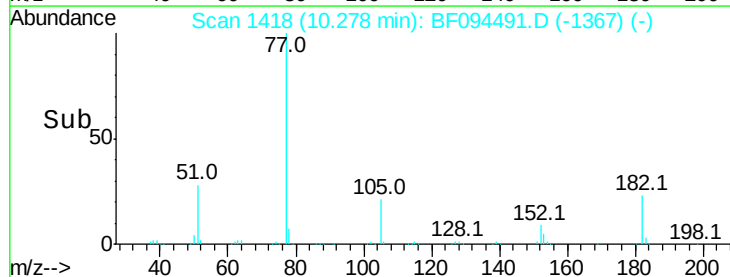
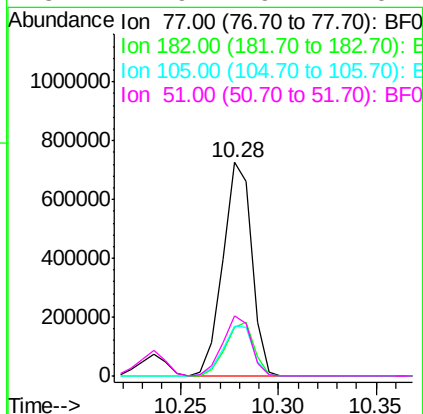
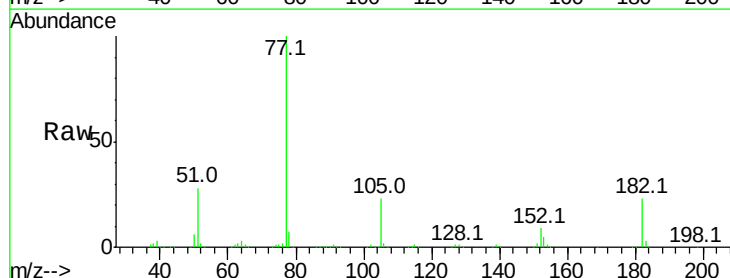
Instrument :
BNA_F
ClientSampled :

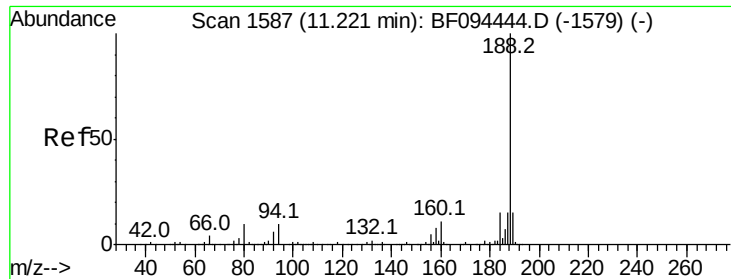
Tot Ion:138 Resp: 186804
Ion Ratio Lower Upper
138 100
92 46.6 21.8 61.8
108 62.6 42.3 82.3



#62
Azobenzene
Concen: 50.76 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion: 77 Resp: 745010
Ion Ratio Lower Upper
77 100
182 22.9 0.1 40.1
105 23.4 3.6 43.6
51 27.9 9.4 49.4

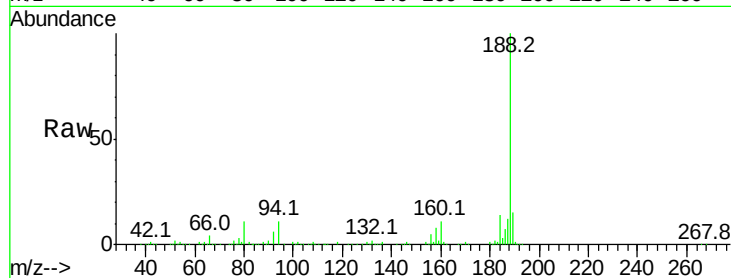




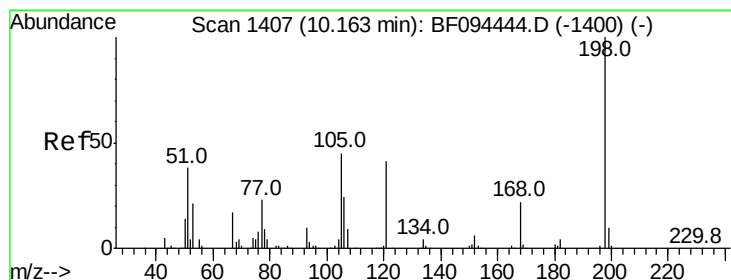
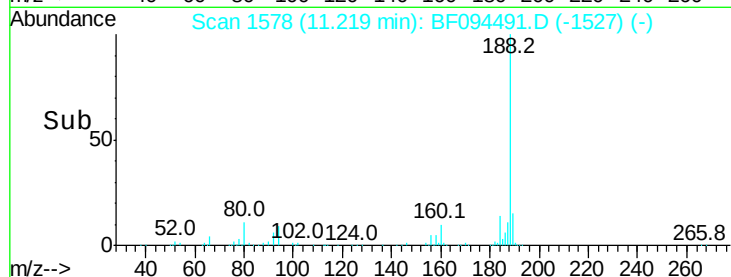
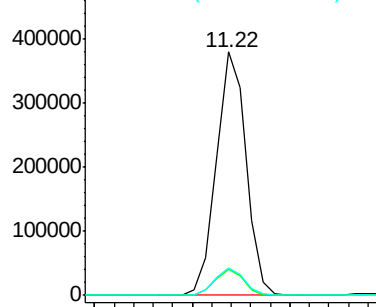
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 400115
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.4 10.2 15.2

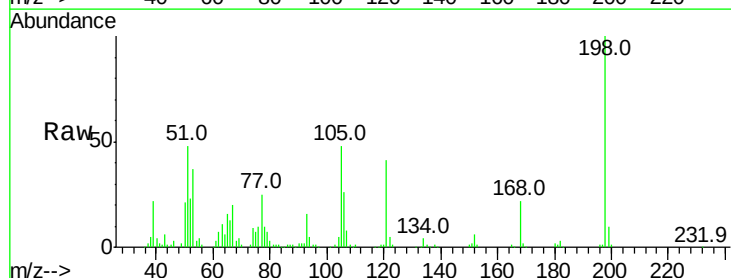


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

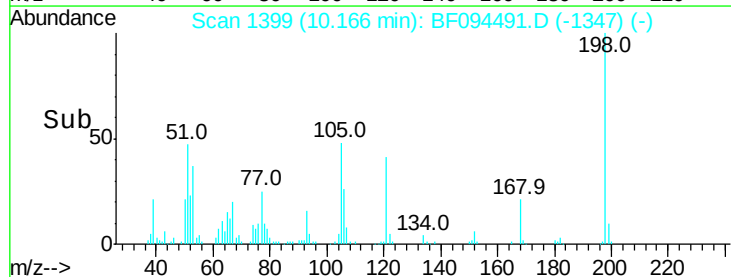
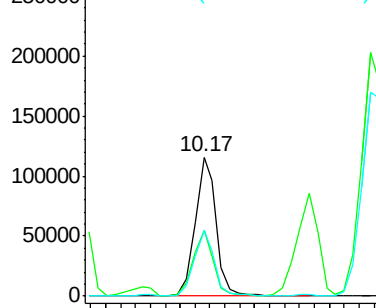


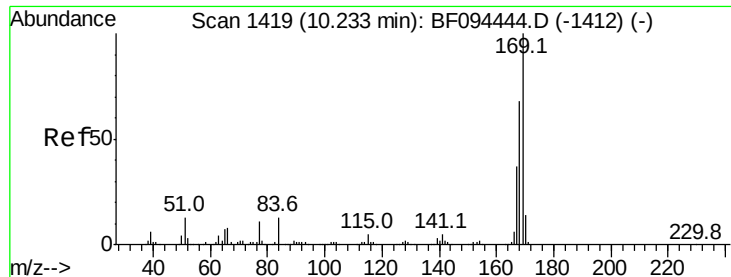
#64
4,6-Dinitro-2-methylphenol
Concen: 43.94 ng
RT: 10.17 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion:198 Resp: 115195
Ion Ratio Lower Upper
198 100
51 47.7 53.2 93.2#
105 47.7 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.31 ng

RT: 10.24 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

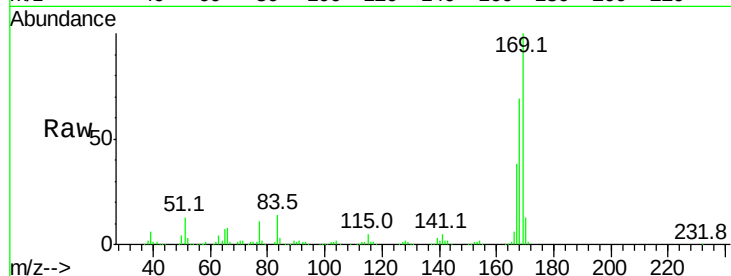
Tot Ion:169 Resp: 658339

Ion Ratio Lower Upper

169 100

168 69.0 53.2 79.8

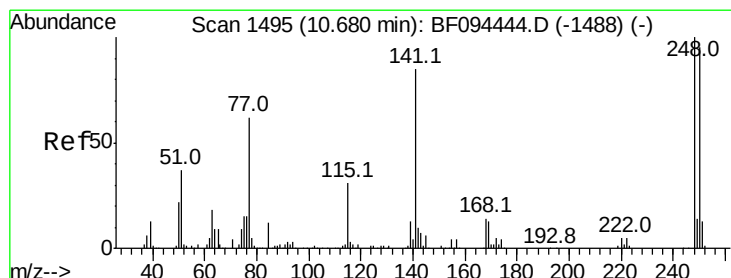
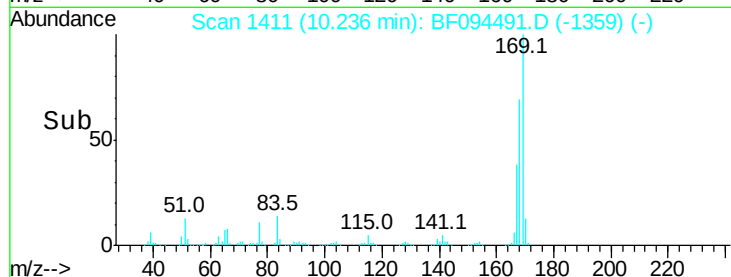
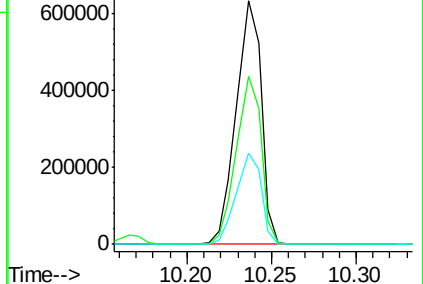
167 37.6 29.5 44.3



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: 46.70 ng

RT: 10.68 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

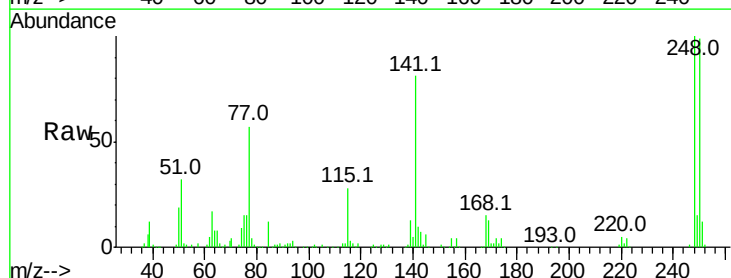
Tgt Ion:248 Resp: 185522

Ion Ratio Lower Upper

248 100

250 99.3 76.8 115.2

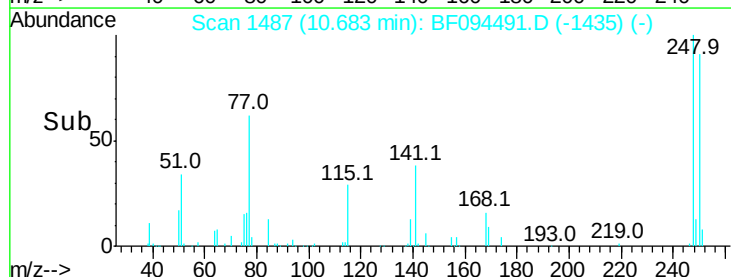
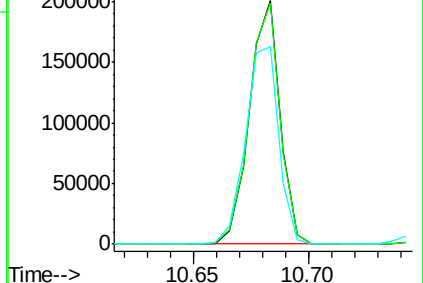
141 81.3 68.6 103.0

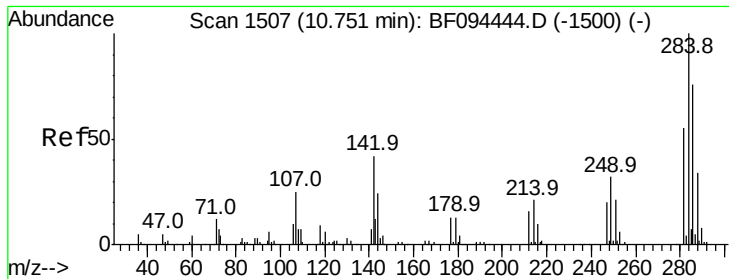


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.08 ng

RT: 10.75 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampled :

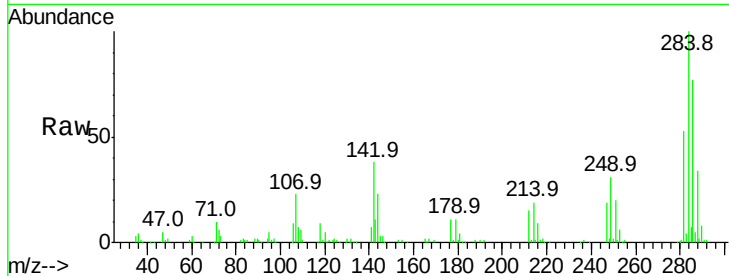
Tot Ion:284 Resp: 180484

Ion Ratio Lower Upper

284 100

142 38.2 22.8 34.2#

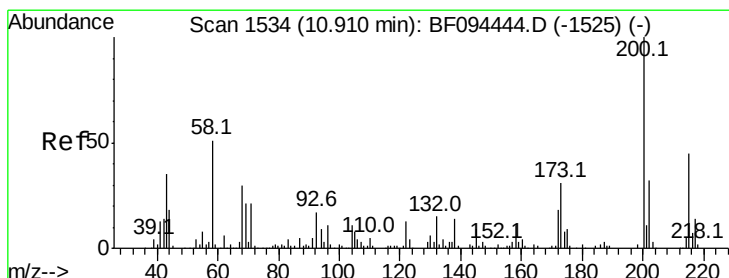
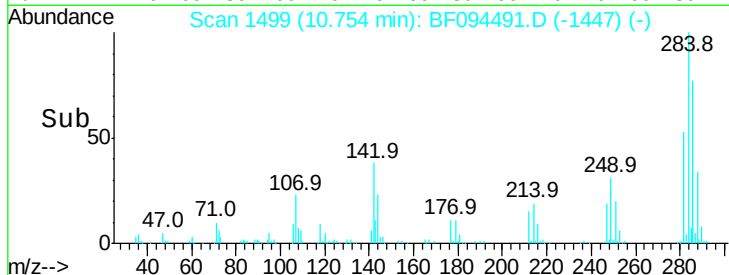
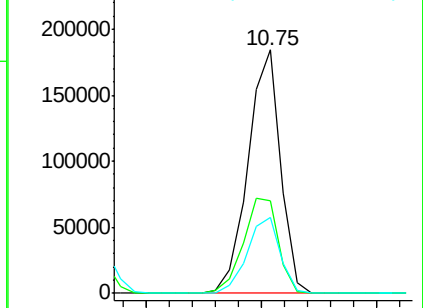
249 31.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.06 ng

RT: 10.91 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

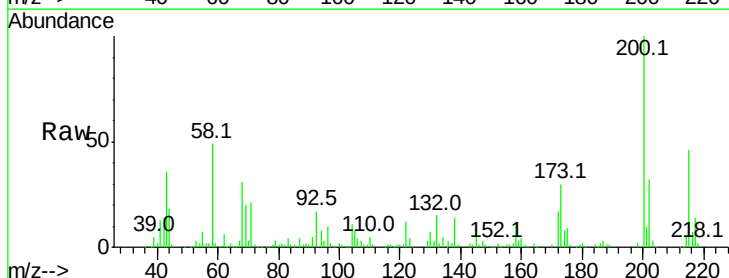
Tgt Ion:200 Resp: 191758

Ion Ratio Lower Upper

200 100

173 29.9 6.3 46.3

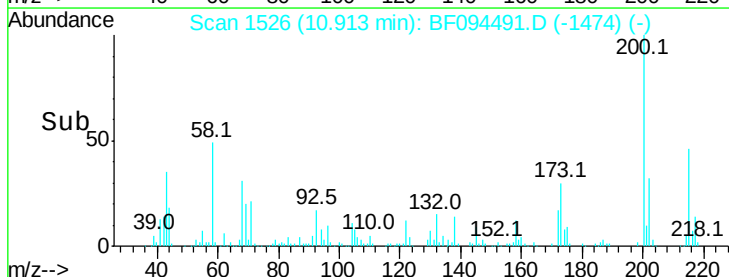
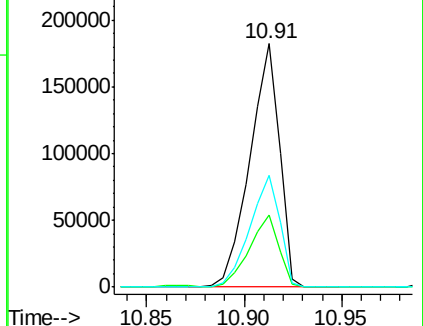
215 45.9 27.2 67.2

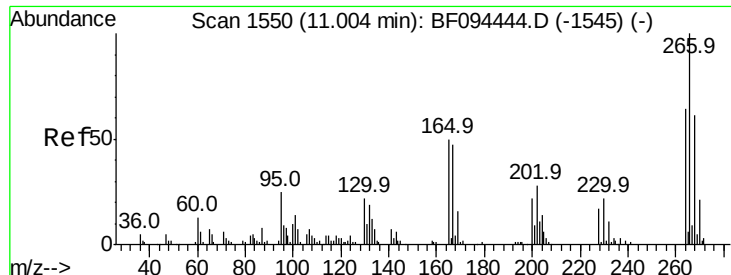


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

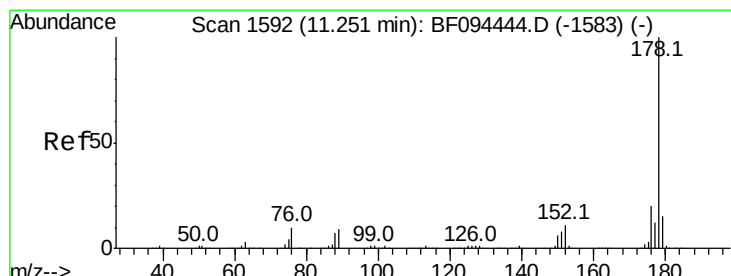
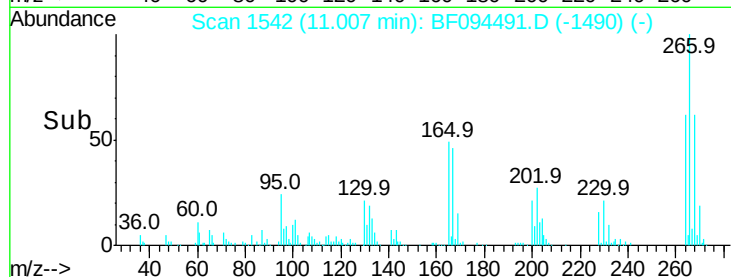
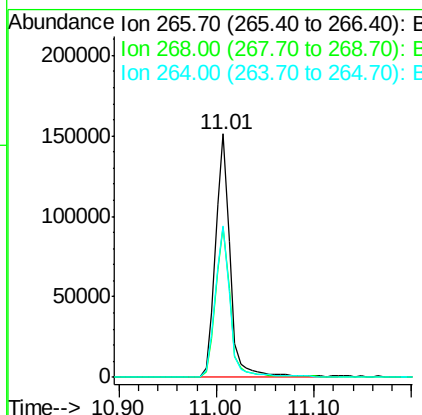
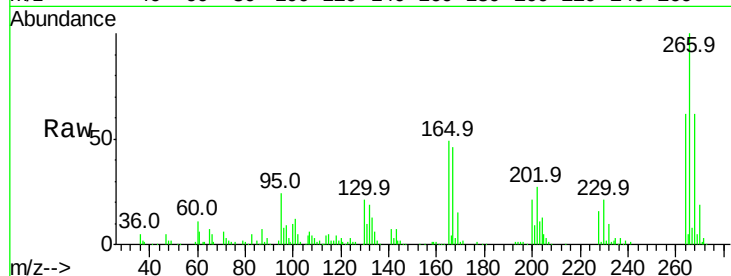




#69
 Pentachlorophenol
 Concen: 100.44 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

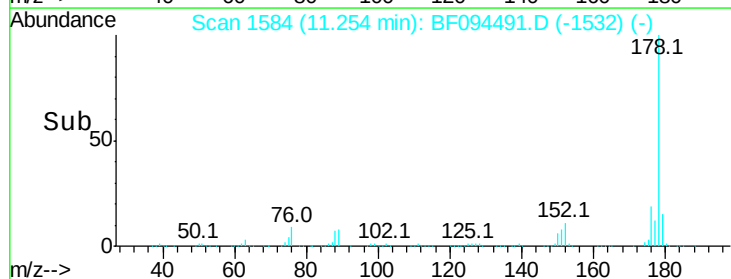
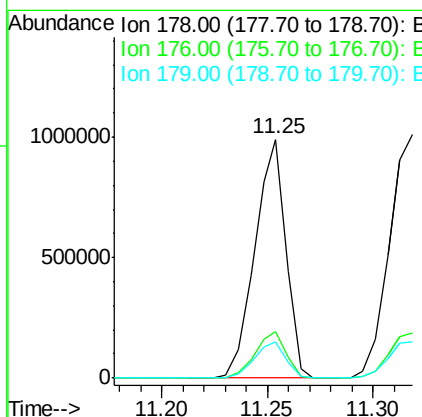
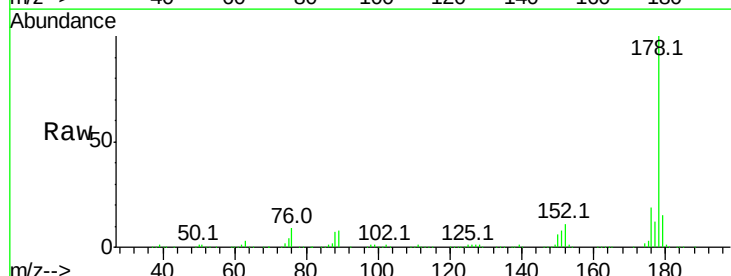
Instrument :
 BNA_F
 ClientSampleId :

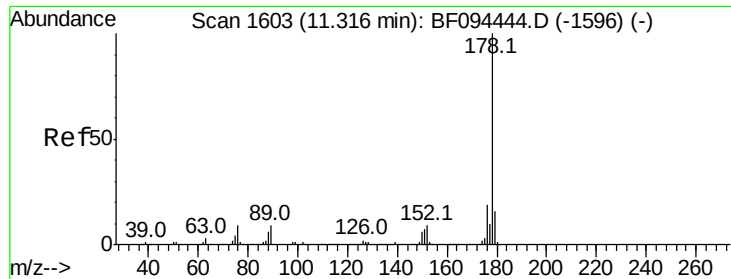
Tot Ion:266 Resp: 159689
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.1 76.7
 264 62.3 51.7 77.5



#70
 Phenanthrene
 Concen: 44.57 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion:178 Resp: 1004162
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.4 12.6 19.0

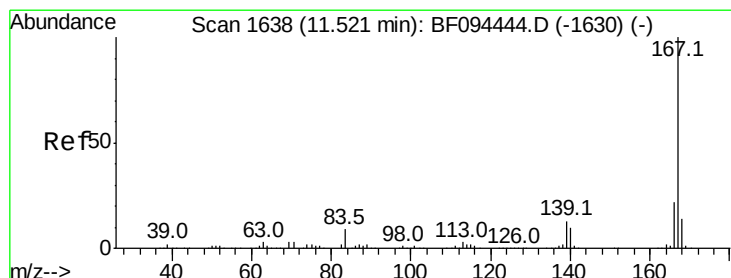
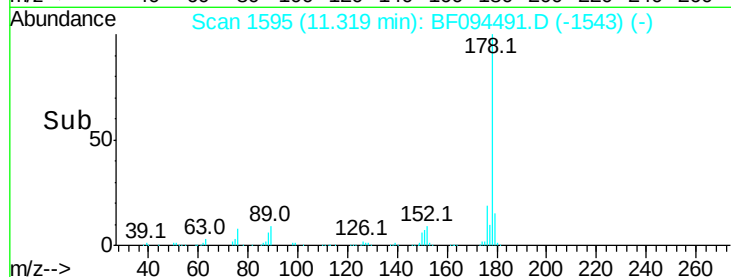
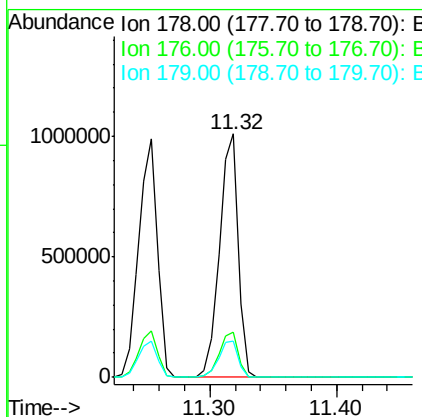
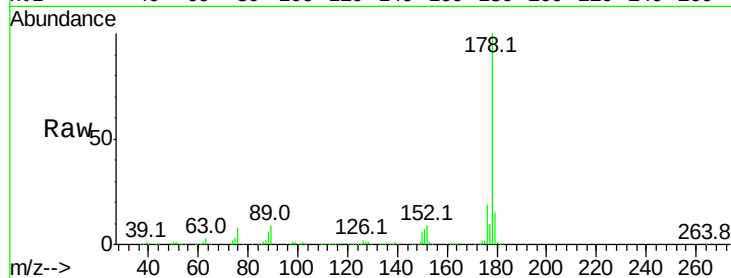




#71
 Anthracene
 Concen: 44.84 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

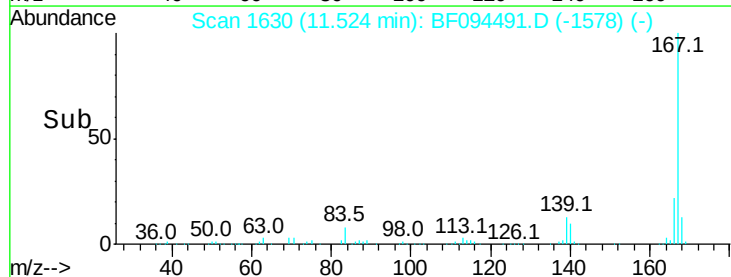
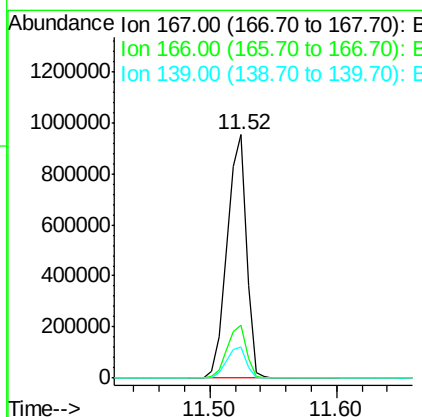
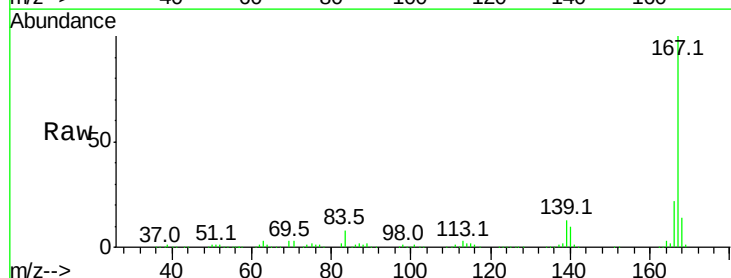
Instrument :
 BNA_F
 ClientSampled :

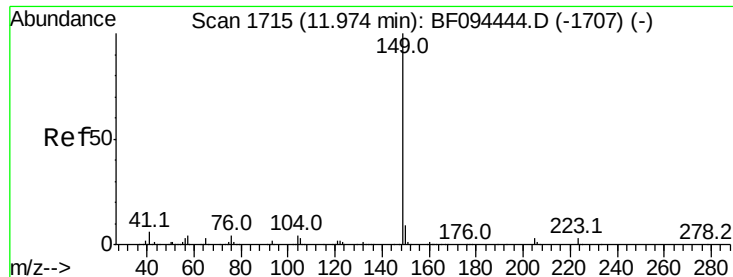
Tot Ion:178 Resp: 1045170
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 45.72 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion:167 Resp: 1000085
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 49.46 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

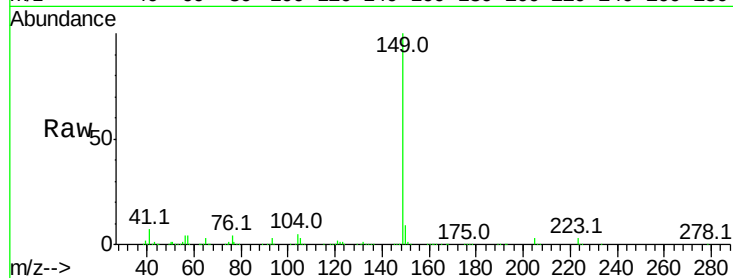
Tot Ion:149 Resp: 1191217

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.5	4.0	6.0

149 100

150 9.3 7.7 11.5

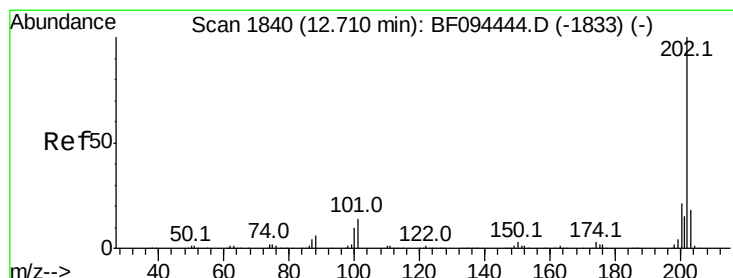
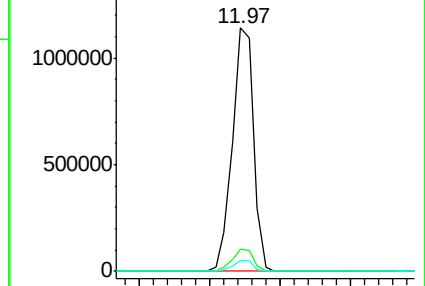
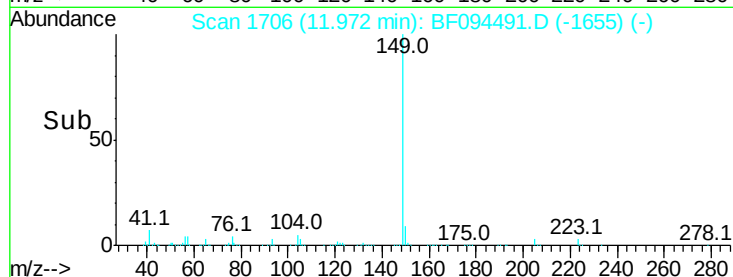
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.20 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

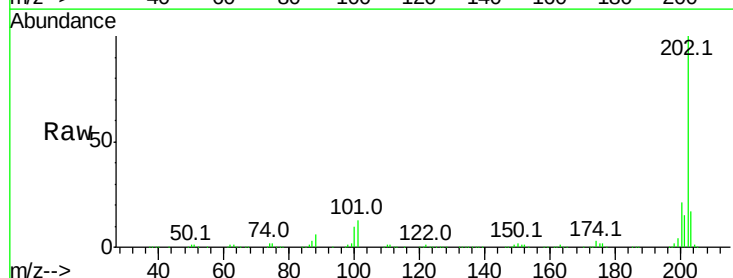
Tgt Ion:202 Resp: 1078758

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.3	0.0	38.1

202 100

101 13.2 0.0 33.2

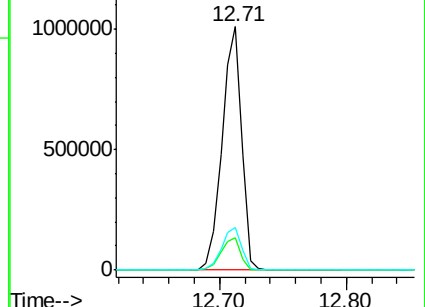
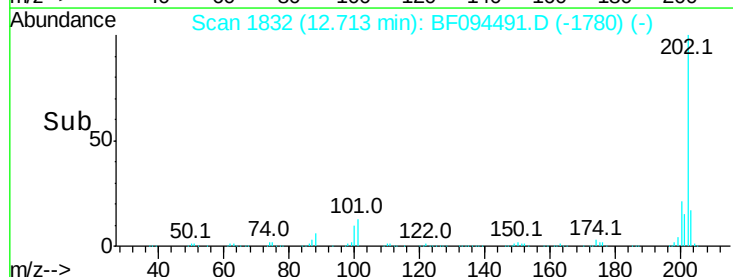
203 17.3 0.0 38.1

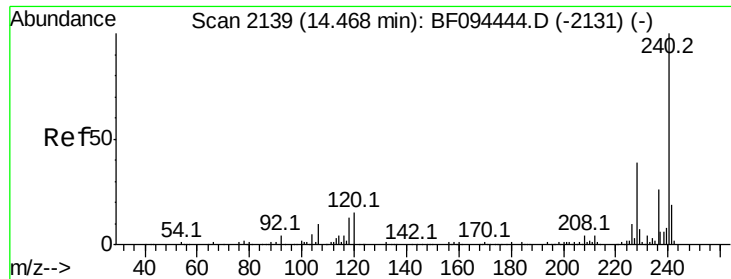


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

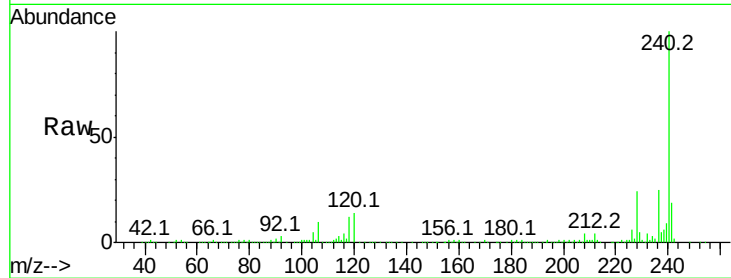
Tot Ion:240 Resp: 356498

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

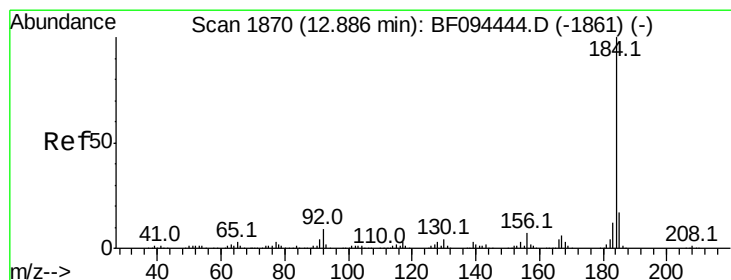
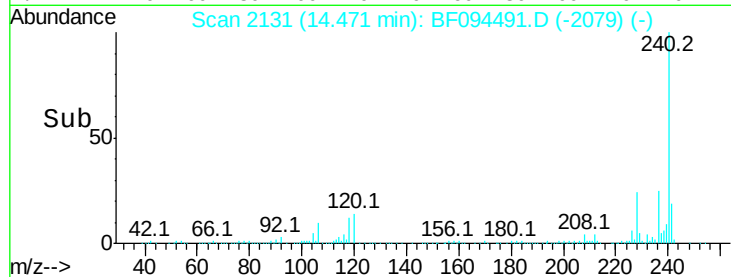
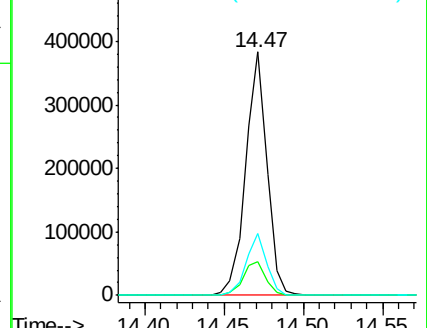
236 25.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.92 ng

RT: 12.88 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

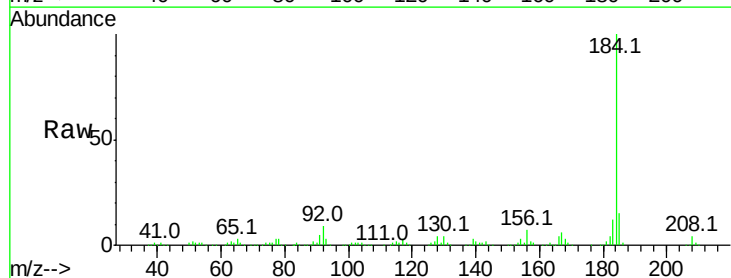
Tgt Ion:184 Resp: 374150

Ion Ratio Lower Upper

184 100

185 14.8 15.5 23.3#

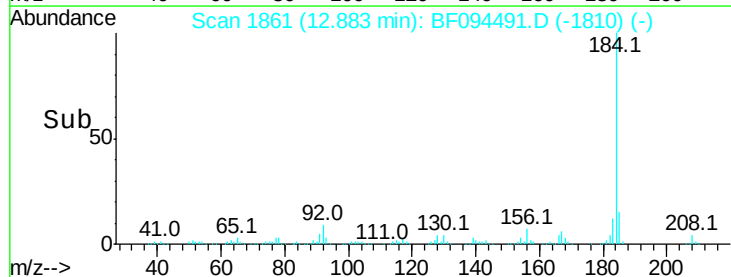
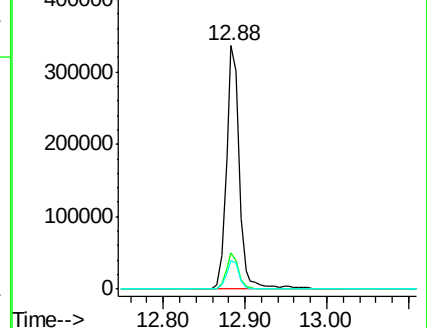
183 11.8 9.8 14.6

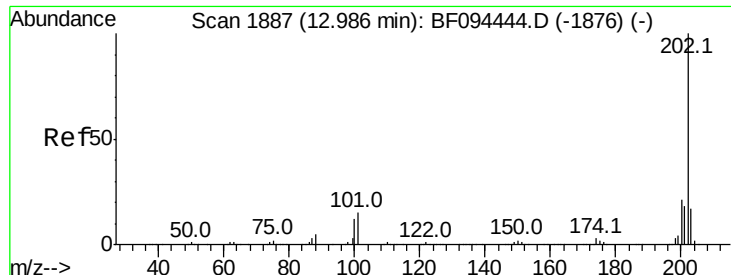


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

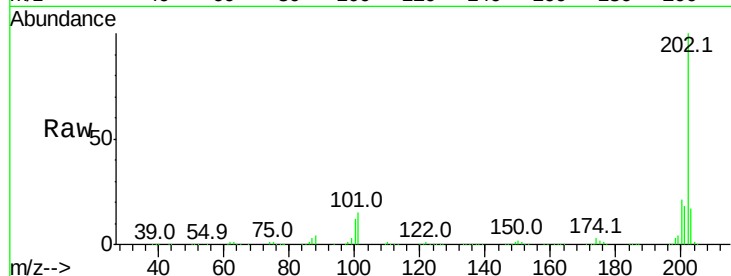




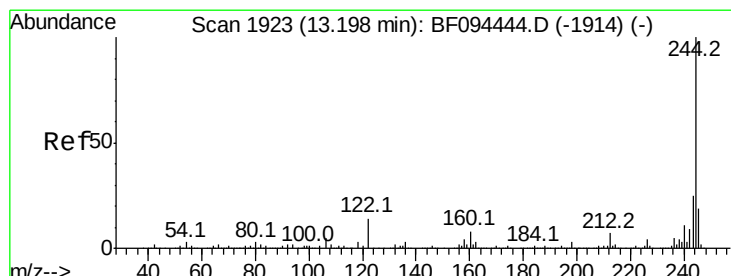
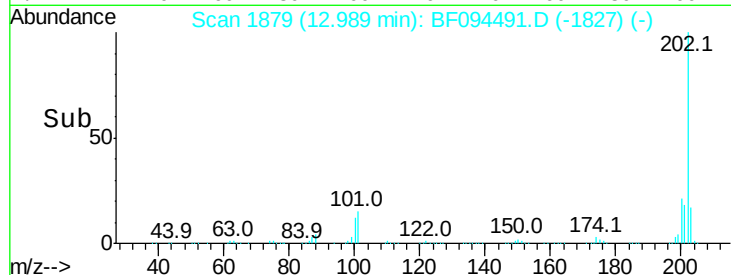
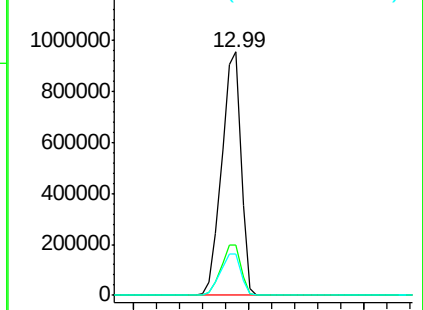
#77
Pvrene
Concen: 44.39 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1105682
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 17.2 14.4 21.6

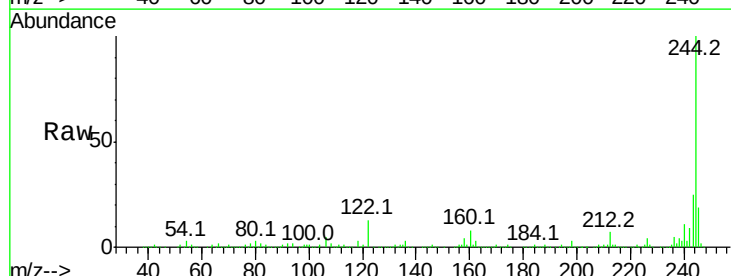


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

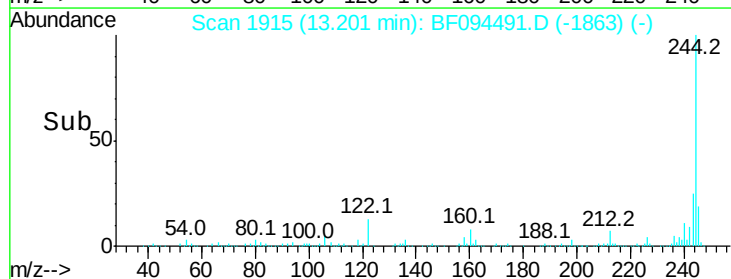
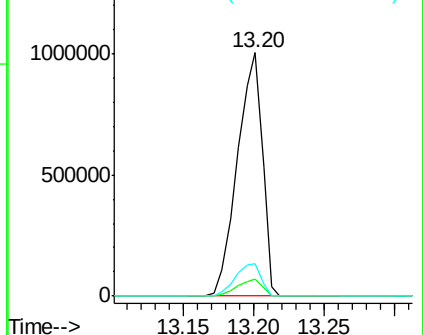


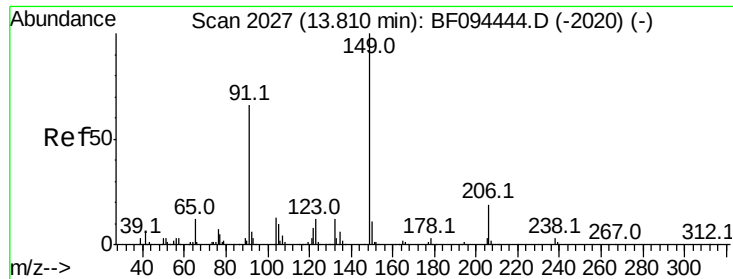
#78
Terphenyl-d14
Concen: 92.62 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion:244 Resp: 1235243
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.4 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

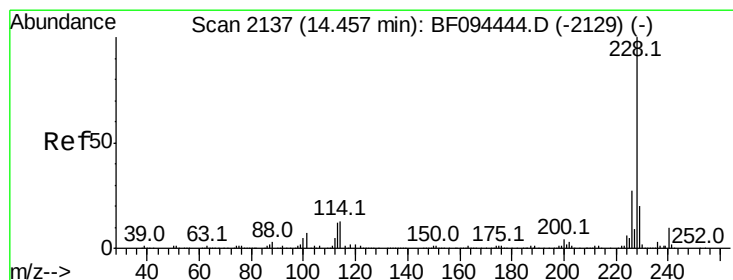
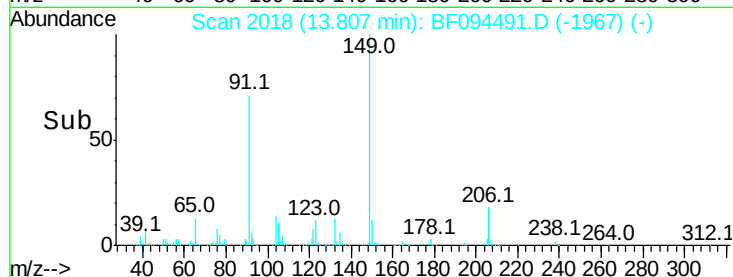
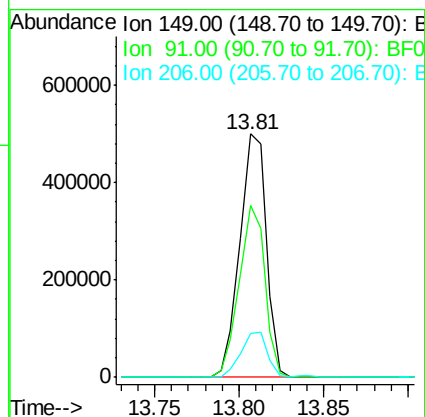
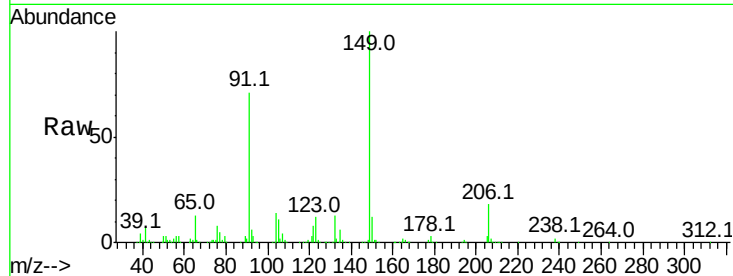




#79
Butylbenzylphthalate
Concen: 50.42 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

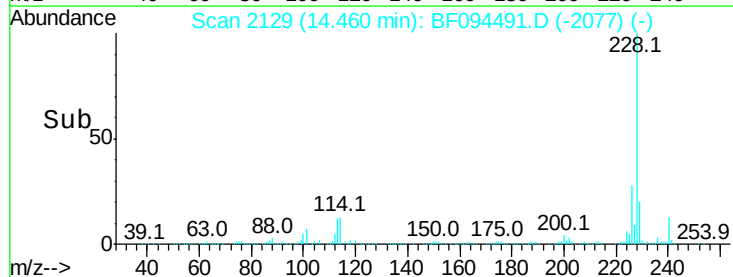
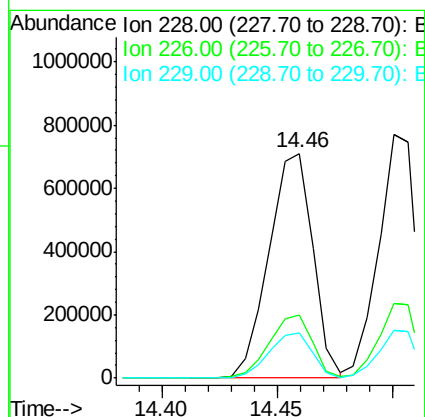
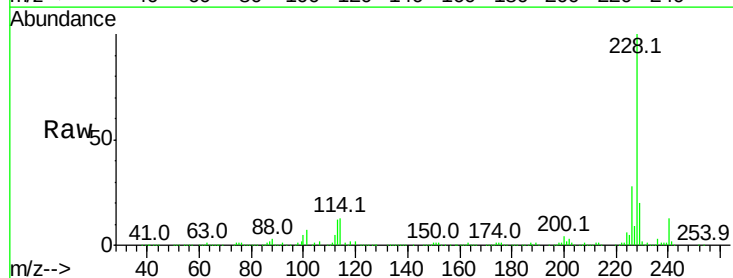
Instrument :
BNA_F
ClientSampleId :

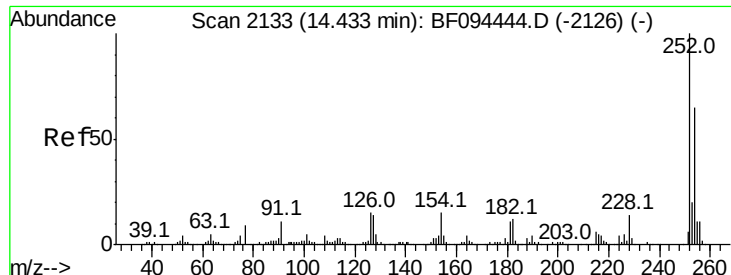
Tot Ion:149 Resp: 550376
Ion Ratio Lower Upper
149 100
91 70.5 45.0 67.4#
206 18.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.33 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion:228 Resp: 939293
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.4 16.3 24.5

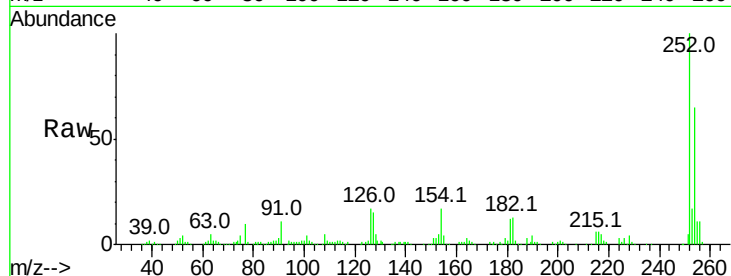




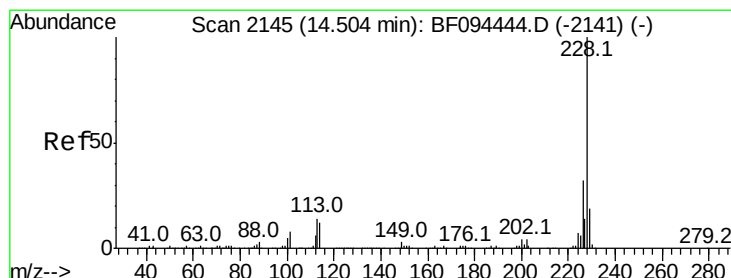
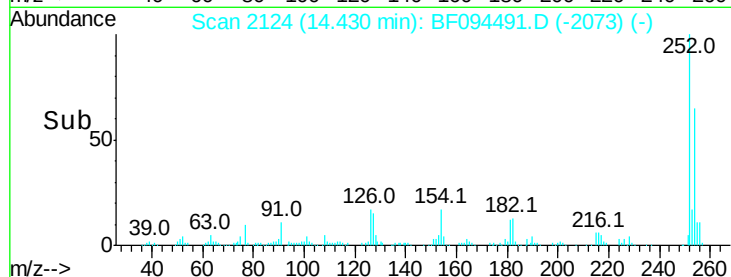
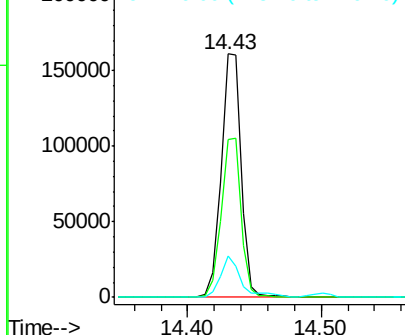
#81
 3,3'-Dichlorobenzidine
 Concen: 23.30 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 170900
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.5 77.3
 126 17.0 15.8 23.8

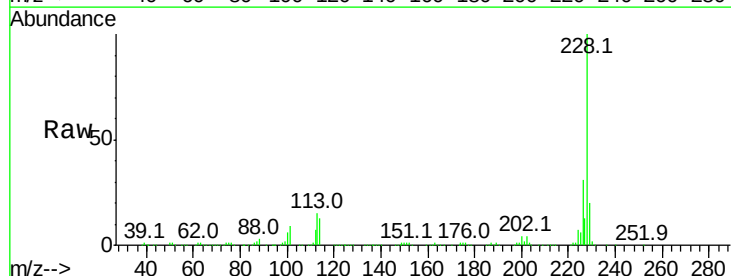


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

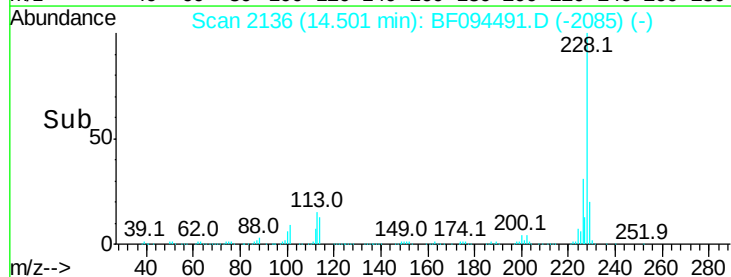
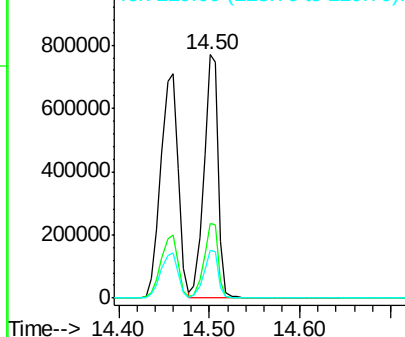


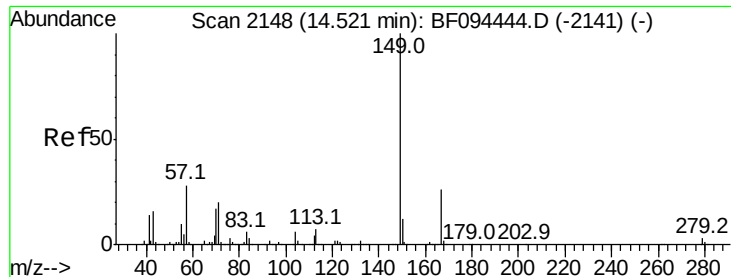
#82
 Chrysene
 Concen: 45.16 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion:228 Resp: 855193
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 19.6 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.99 ng

RT: 14.52 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

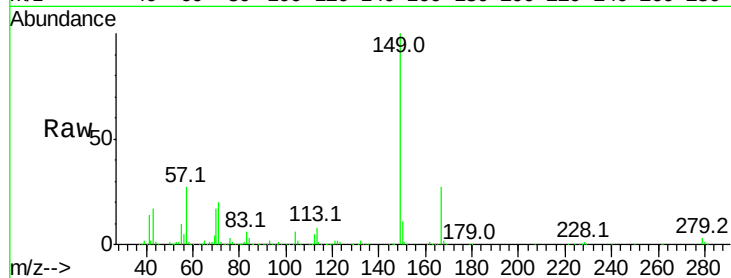
Tot Ion:149 Resp: 761926

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

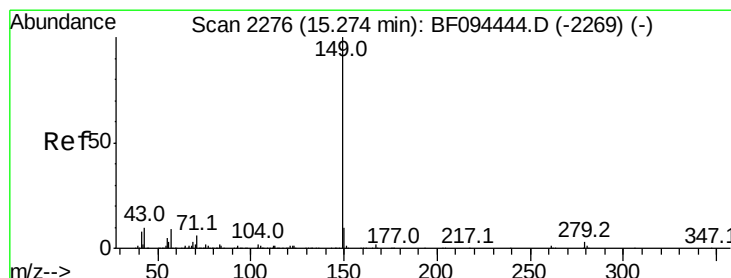
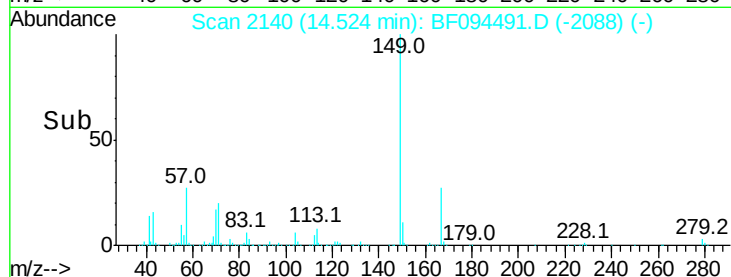
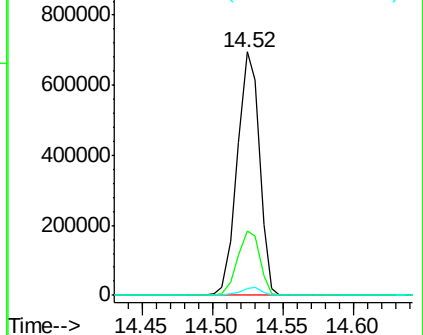
279 2.8 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.08 ng

RT: 15.28 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

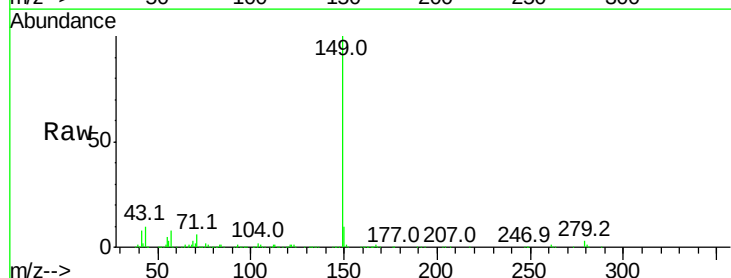
Tgt Ion:149 Resp: 1181896

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

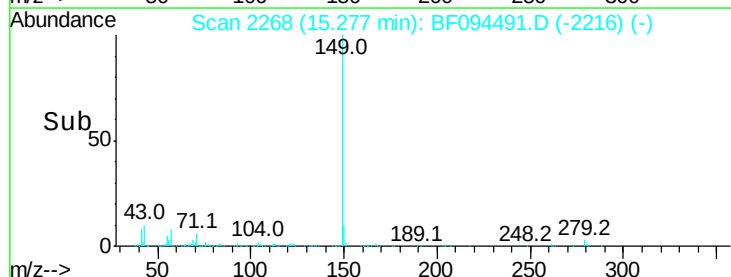
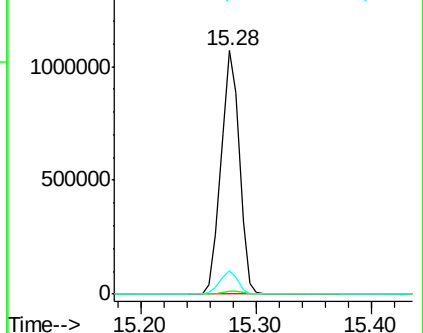
43 9.5 8.5 12.7

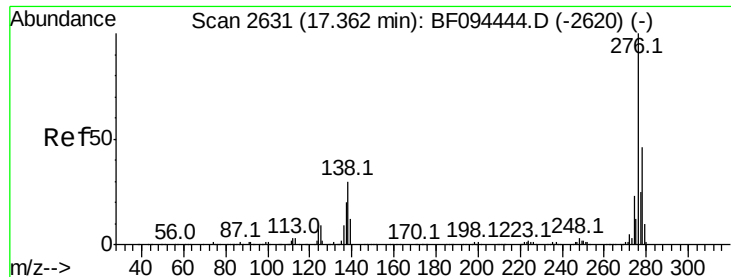


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.66 ng

RT: 17.37 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

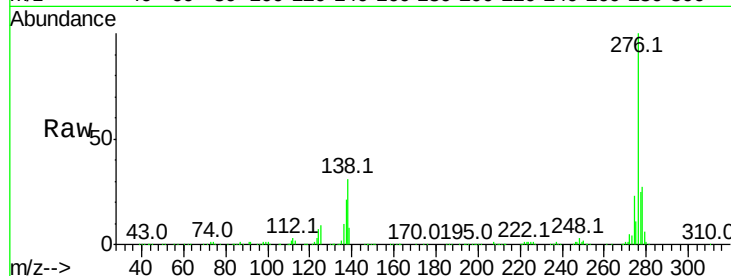
Tot Ion:276 Resp: 786597

Ion Ratio Lower Upper

276 100

138 35.0 27.8 41.6

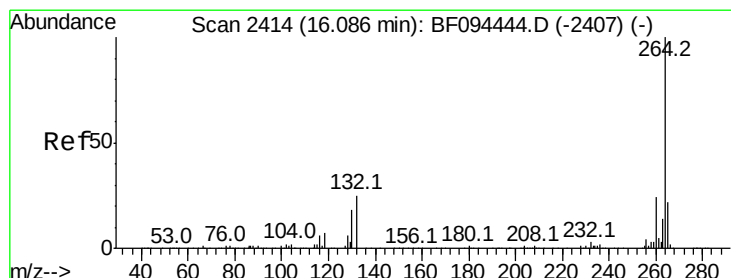
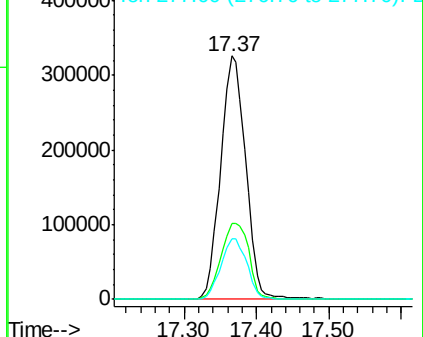
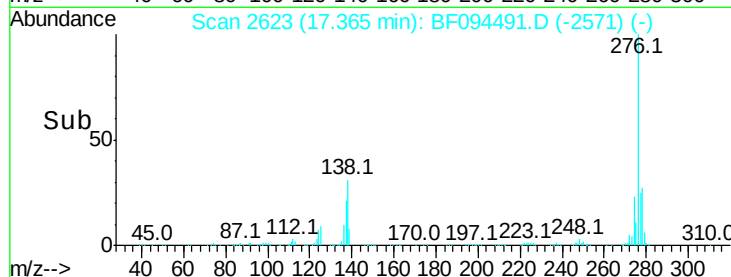
277 25.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

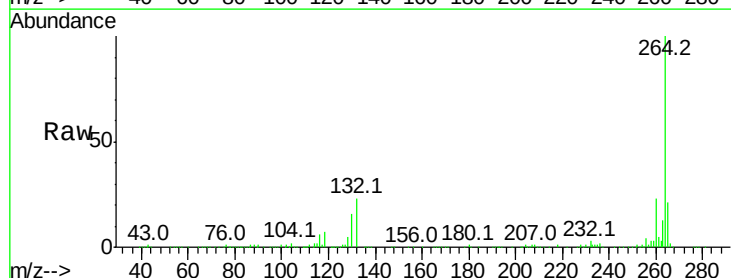
Tgt Ion:264 Resp: 281895

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

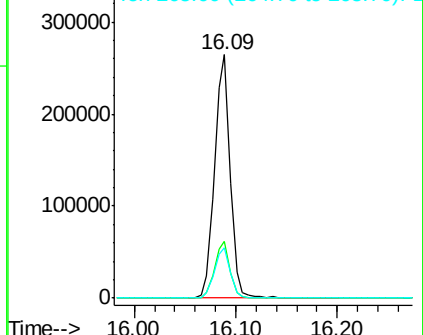
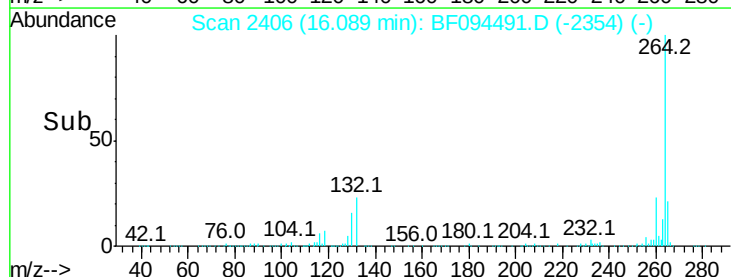
265 20.6 17.2 25.8

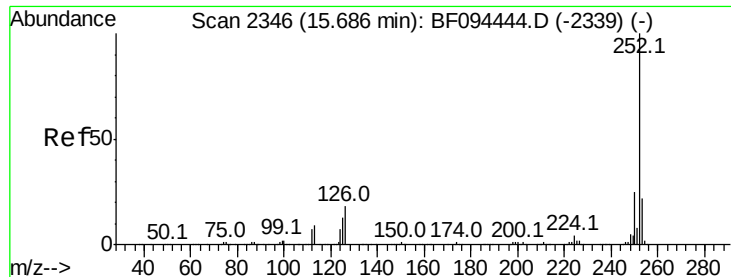


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.18 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

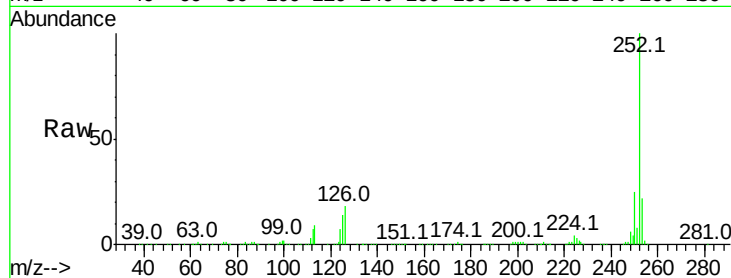
Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 813664

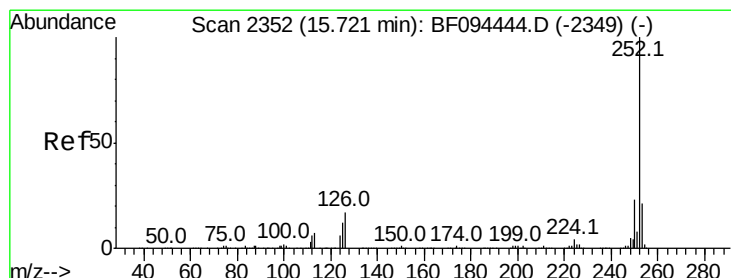
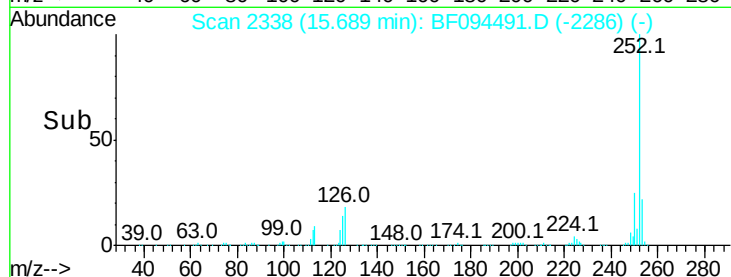
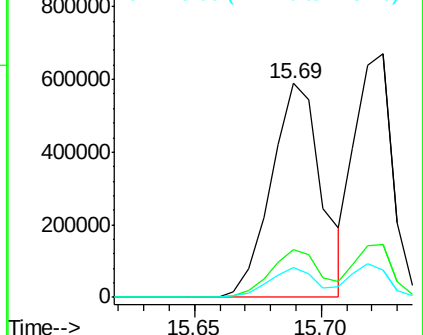
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	13.9	9.8	14.8



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: 49.86 ng

RT: 15.69 min Scan# 2338

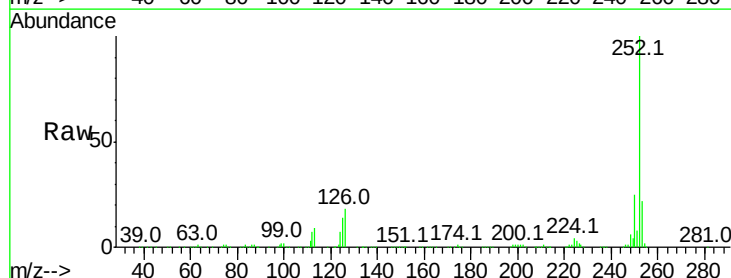
Delta R.T. -0.03 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Tgt Ion:252 Resp: 813664

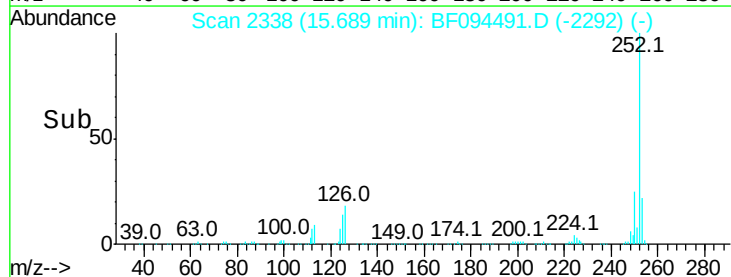
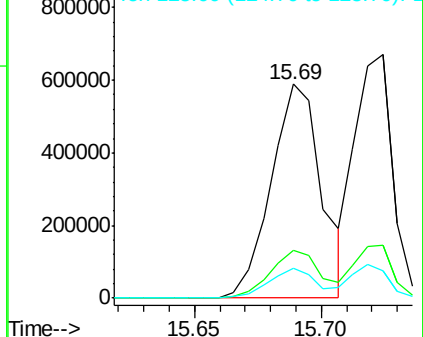
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	13.9	13.1	19.7

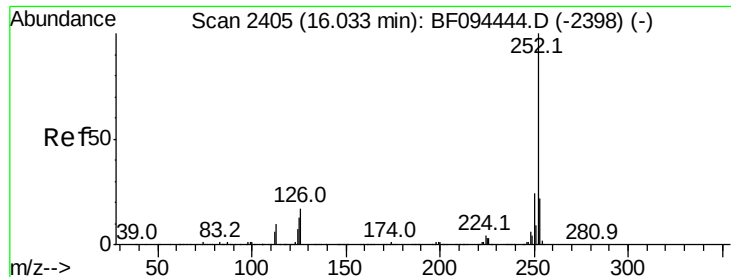


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.18 ng

RT: 16.04 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

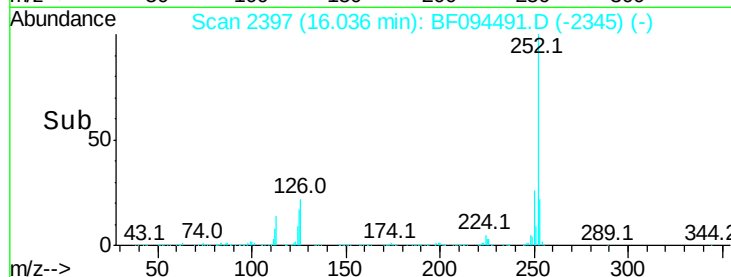
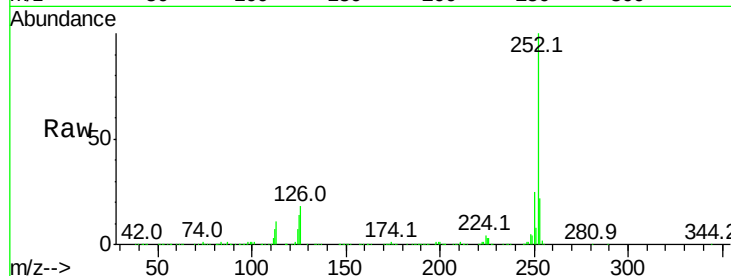
Tot Ion:252 Resp: 724853

Ion Ratio Lower Upper

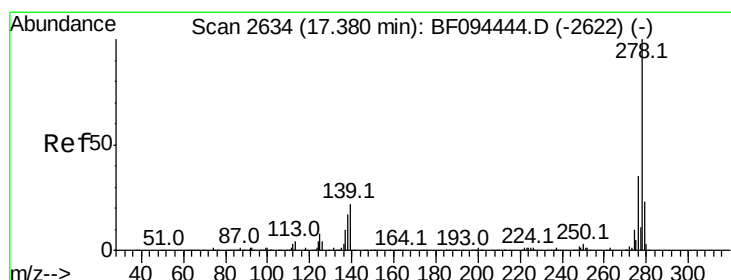
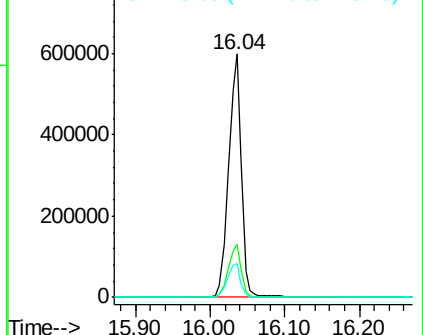
252 100

253 21.7 17.5 26.3

125 14.0 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 48.66 ng

RT: 17.38 min Scan# 2626

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

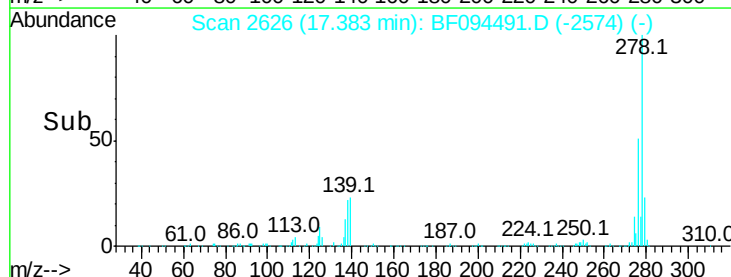
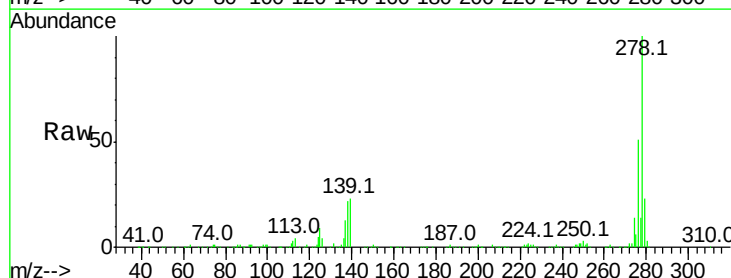
Tgt Ion:278 Resp: 648151

Ion Ratio Lower Upper

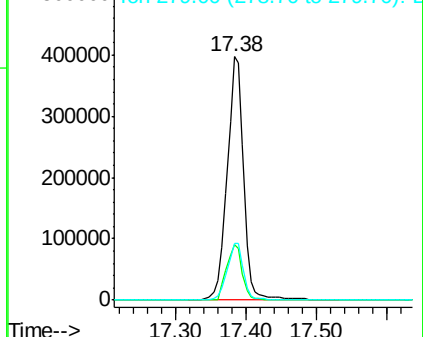
278 100

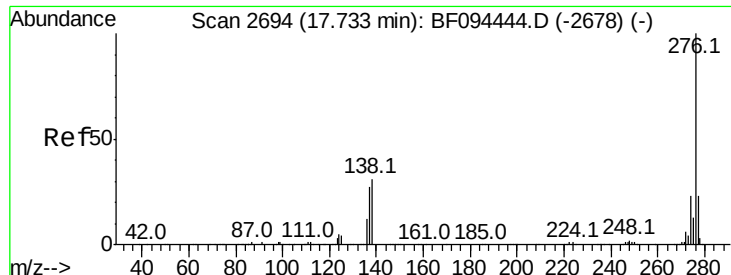
139 22.5 16.6 24.8

279 23.4 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.03 ng

RT: 17.74 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

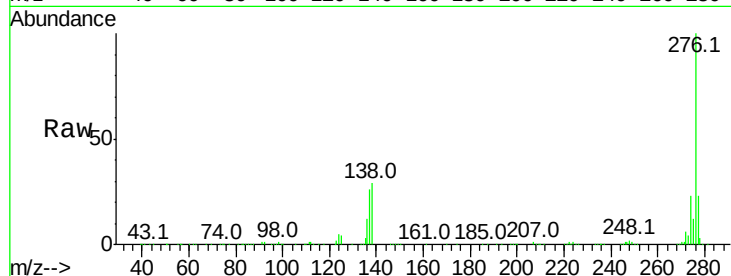
Tot Ion:276 Resp: 664951

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 29.4 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

