

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094494.D
 Acq On : 18 Apr 2017 18:53
 Operator : SJ/MA
 Sample : I2741-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:14:21 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	5.77	152	127898	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	494938	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	226508	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	414381	20.00	ng	0.00
75) Chrysene-d12	14.47	240	285694	20.00	ng	0.00
86) Perylene-d12	16.09	264	259213	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	872360	113.16	ng	0.03
7) Phenol-d6	5.41	99	1110963	122.24	ng	0.01
23) Nitrobenzene-d5	6.42	82	723390	90.25	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	235065	132.68	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1266199	82.25	ng	0.00
78) Terphenyl-d14	13.19	244	1056623	98.86	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	127014	28.33	ng	96
3) Pyridine	2.65	79	333781	34.06	ng	99
4) n-Nitrosodimethylamine	2.60	42	156221	38.53	ng	91
6) Aniline	5.41	93	356440	29.51	ng	# 80
8) 2-Chlorophenol	5.55	128	365012	41.61	ng	95
9) Benzaldehyde	5.27	77	63823	9.23	ng	99
10) Phenol	5.42	94	510711	45.74	ng	98
11) bis(2-Chloroethyl)ether	5.49	93	334940	41.07	ng	98
12) 1,3-Dichlorobenzene	5.71	146	387402	39.86	ng	100
13) 1,4-Dichlorobenzene	5.80	146	392092	40.10	ng	97
14) 1,2-Dichlorobenzene	5.97	146	362526	40.25	ng	96
15) Benzyl Alcohol	5.95	79	273031	40.50	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	449059	41.99	ng	84
17) 2-Methylphenol	6.10	107	291099	42.13	ng	93
18) Hexachloroethane	6.35	117	131831	39.33	ng	# 84
19) n-Nitroso-di-n-propylamine	6.26	70	254587	42.28	ng	96
20) 3+4-Methylphenols	6.28	107	402138	42.83	ng	# 63
22) Acetophenone	6.25	105	510749	42.44	ng	# 86
24) Nitrobenzene	6.45	77	363270	43.04	ng	92
25) Isophorone	6.74	82	642958	43.27	ng	# 93
26) 2-Nitrophenol	6.82	139	201411	44.42	ng	96
27) 2,4-Dimethylphenol	6.90	122	315048	42.77	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	419301	43.63	ng	99
29) 2,4-Dichlorophenol	7.12	162	301049	43.93	ng	97
30) 1,2,4-Trichlorobenzene	7.21	180	288969	40.79	ng	99
31) Naphthalene	7.30	128	972034	40.85	ng	100
32) Benzoic acid	7.03	122	53043	13.62	ng	95
33) 4-Chloroaniline	7.37	127	96490	9.75	ng	94
34) Hexachlorobutadiene	7.45	225	151174	42.80	ng	96
35) Caprolactam	7.82	113	53486	24.85	ng	87
36) 4-Chloro-3-methylphenol	8.00	107	303076	42.20	ng	88
37) 2-Methylnaphthalene	8.14	142	704380	43.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	263189	40.80	ng	99
40) Hexachlorocyclopentadiene	8.33	237	214873	82.35	ng	99

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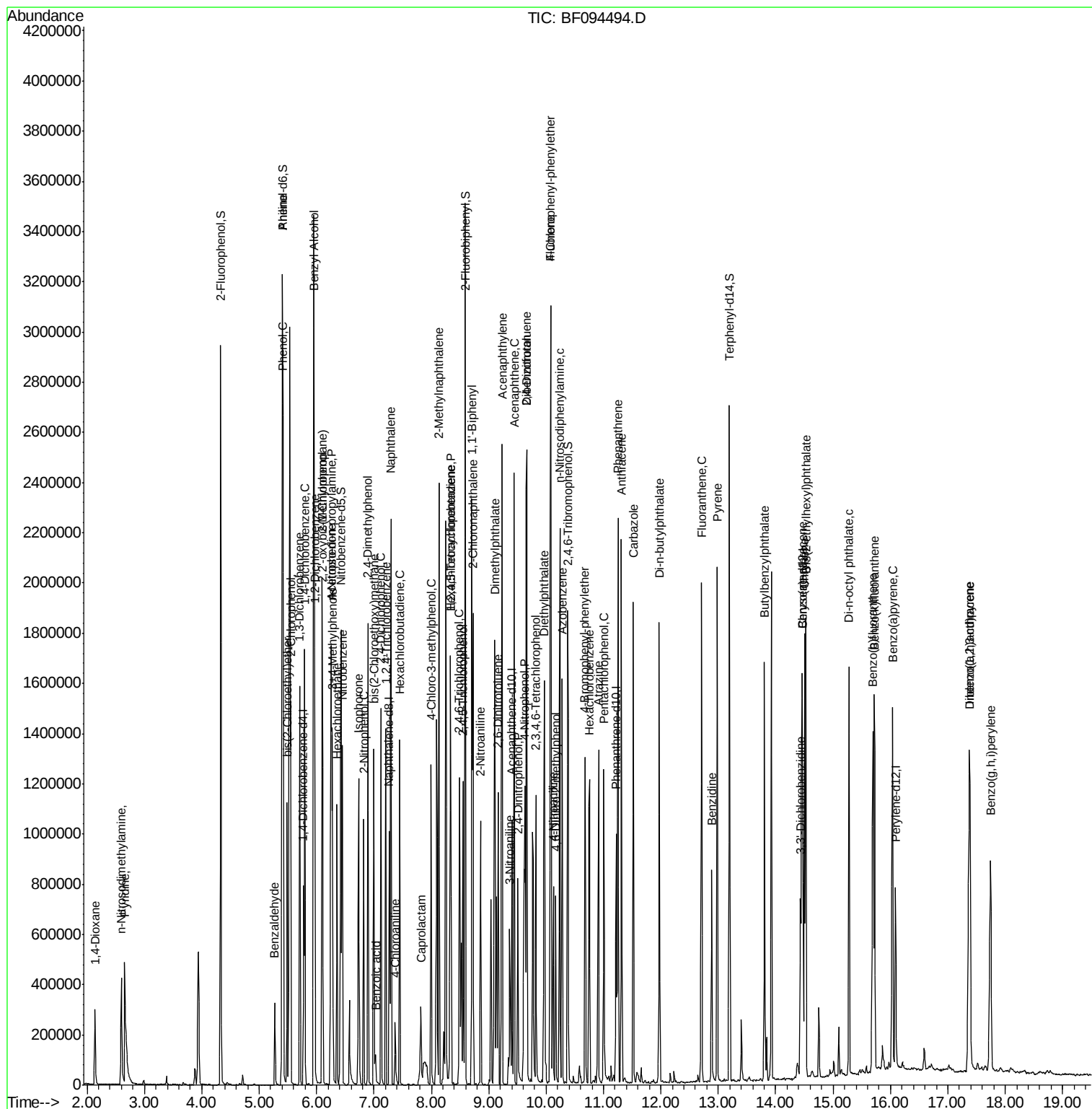
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	183237	40.45	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	194547	41.82	nq	96
45) 1,1'-Biphenyl	8.71	154	733378	39.63	nq	98
46) 2-Chloronaphthalene	8.72	162	611727	41.57	nq	94
47) 2-Nitroaniline	8.86	65	183157	43.27	nq	87
48) Acenaphthylene	9.23	152	955488	41.65	nq	99
49) Dimethylphthalate	9.11	163	967551	57.32	nq	99
50) 2,6-Dinitrotoluene	9.17	165	166652	43.98	nq	# 88
51) Acenaphthene	9.44	154	574343	41.80	nq	100
52) 3-Nitroaniline	9.37	138	114916	26.21	nq	93
53) 2,4-Dinitrophenol	9.51	184	121259	60.49	nq	# 70
54) Dibenzofuran	9.65	168	851735	42.65	nq	100
55) 4-Nitrophenol	9.63	139	256416	82.80	nq	# 74
56) 2,4-Dinitrotoluene	9.67	165	209794	45.13	nq	# 91
57) Fluorene	10.08	166	656359	42.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	146825	44.04	nq	97
59) Diethylphthalate	9.97	149	699378	43.91	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	290167	44.84	nq	92
61) 4-Nitroaniline	10.12	138	173456	38.92	nq	96
62) Azobenzene	10.28	77	673569	43.56	nq	97
64) 4,6-Dinitro-2-methylphenol	10.17	198	103014	37.94	nq	# 74
65) n-Nitrosodiphenylamine	10.24	169	603717	41.89	nq	97
66) 4-Bromophenyl-phenylether	10.68	248	169359	41.16	nq	97
67) Hexachlorobenzene	10.75	284	173174	41.76	nq	# 90
68) Atrazine	10.91	200	179908	41.73	nq	98
69) Pentachlorophenol	11.01	266	154195	93.65	nq	98
70) Phenanthrene	11.25	178	970404	41.59	nq	98
71) Anthracene	11.32	178	995882	41.26	nq	98
72) Carbazole	11.52	167	924812	40.82	nq	98
73) Di-n-butylphthalate	11.97	149	1125750	45.13	nq	99
74) Fluoranthene	12.71	202	975513	40.34	nq	99
76) Benzidine	12.88	184	345151	29.84	nq	# 94
77) Pyrene	12.98	202	956847	47.94	nq	99
79) Butylbenzylphthalate	13.81	149	442044	50.53	nq	# 86
80) Benzo(a)anthracene	14.45	228	708689	42.68	nq	98
81) 3,3'-Dichlorobenzidine	14.43	252	147083	25.02	nq	# 97
82) Chrysene	14.50	228	649812	42.82	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	591293	50.34	nq	# 98
84) Di-n-octyl phthalate	15.28	149	935890	47.50	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	736448	51.00	nq	100
87) Benzo(b)fluoranthene	15.69	252	689988	43.51	nq	98
88) Benzo(k)fluoranthene	15.72	252	580851	38.71	nq	95
89) Benzo(a)pyrene	16.04	252	620275	42.05	nq	100
90) Dibenzo(a,h)anthracene	17.39	278	601590	49.11	nq	99
91) Benzo(g,h,i)perylene	17.75	276	621038	49.80	nq	98

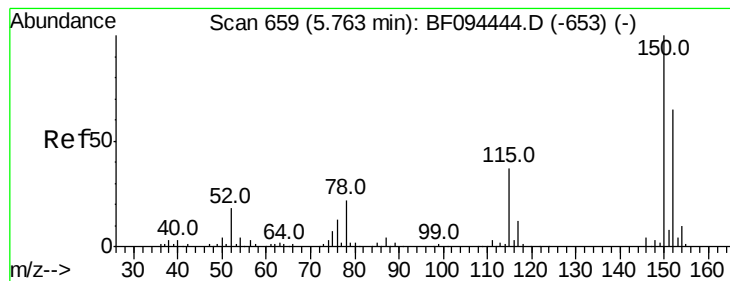
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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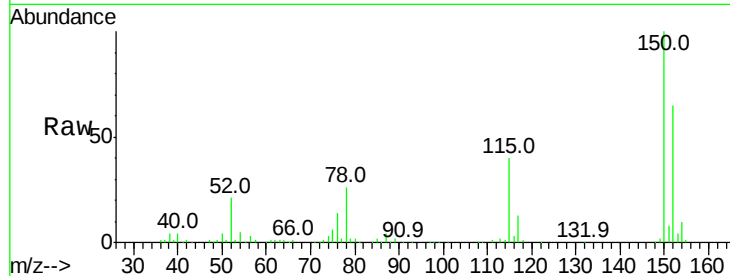


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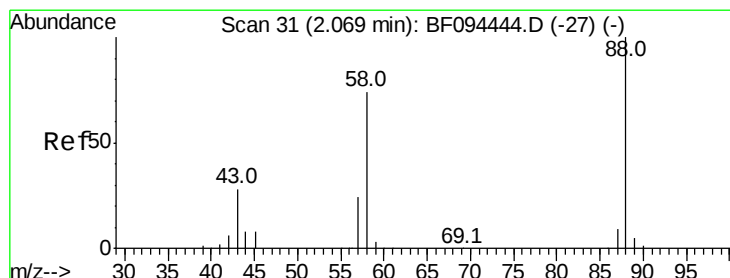
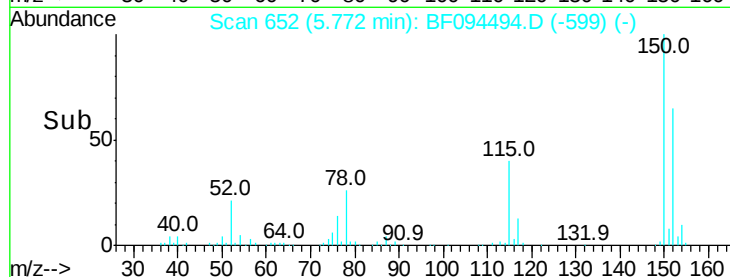
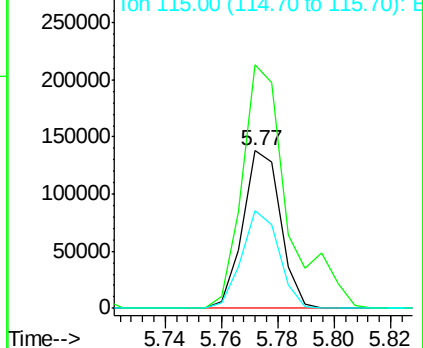
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127898
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 62.3 52.2 78.2



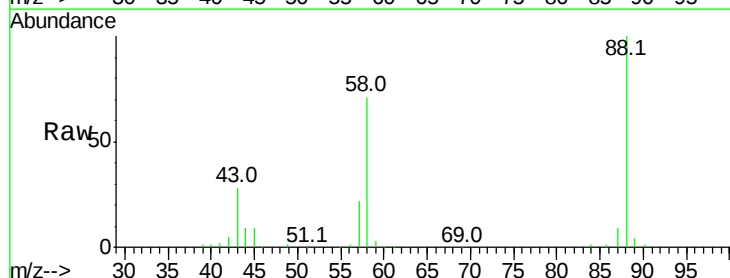
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



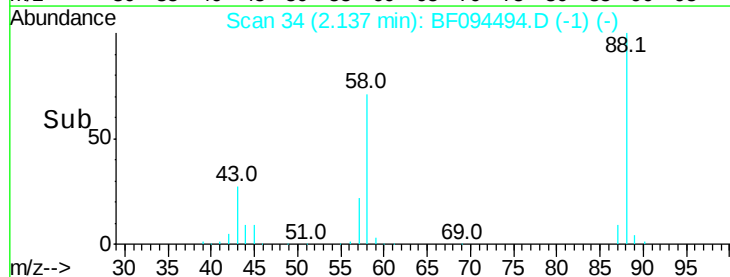
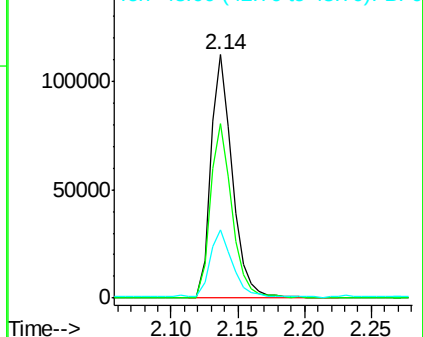
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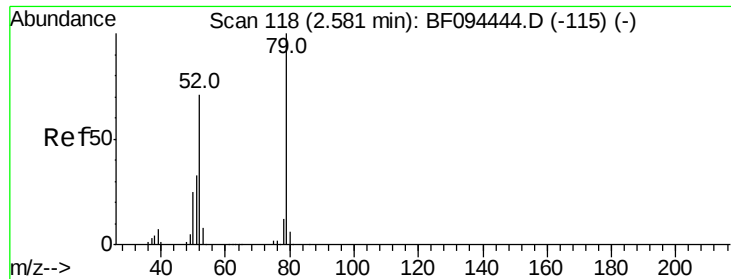
1,4-Dioxane
Concen: 28.33 ng
RT: 2.14 min Scan# 34
Delta R.T. 0.07 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion: 88 Resp: 127014
Ion Ratio Lower Upper
88 100
58 72.2 61.4 92.0
43 29.5 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

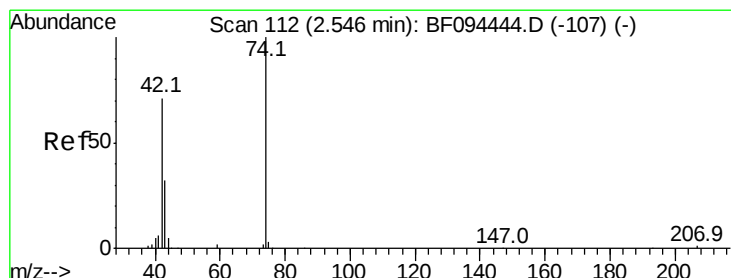
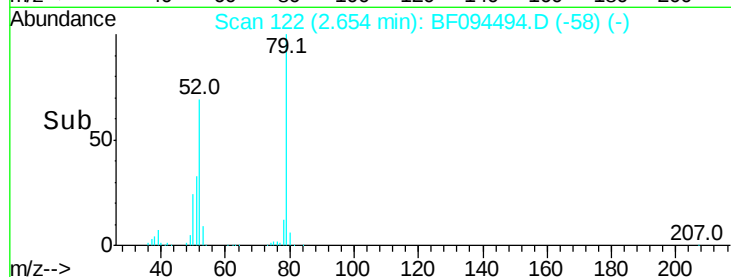
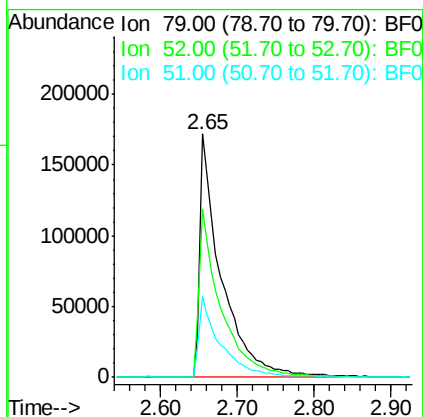
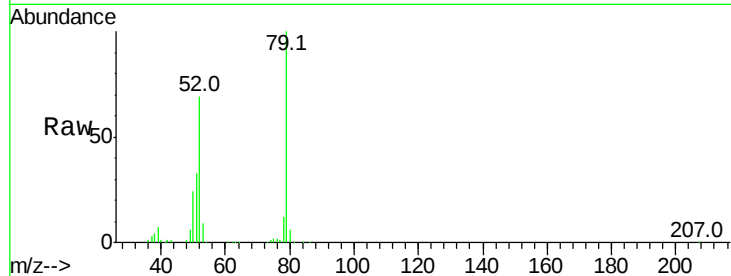




#3
 Pvridine
 Concen: 34.06 ng
 RT: 2.65 min Scan# 122
 Delta R.T. 0.07 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

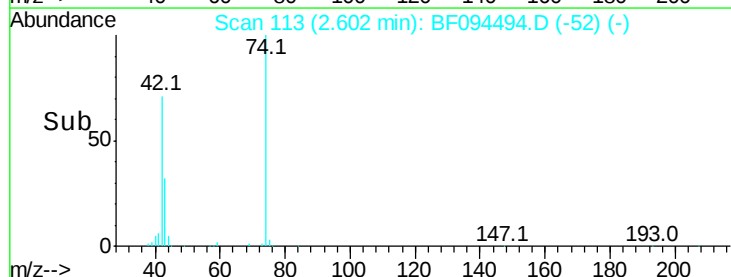
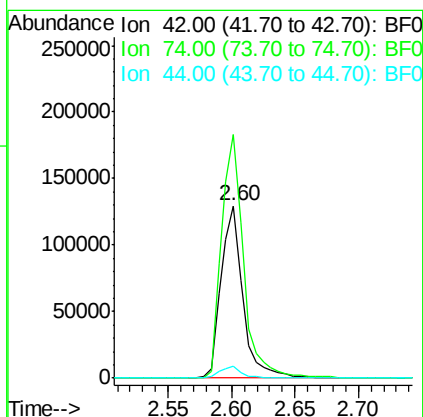
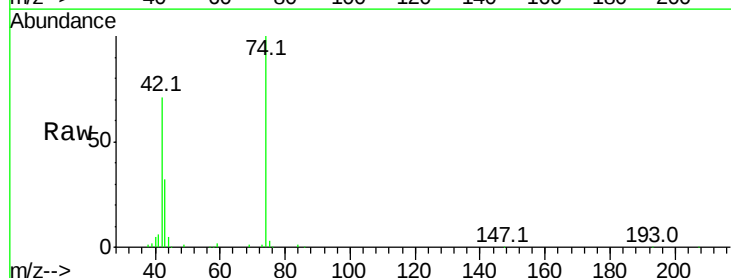
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 333781
 Ion Ratio Lower Upper
 79 100
 52 69.3 54.8 82.2
 51 33.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 38.53 ng
 RT: 2.60 min Scan# 113
 Delta R.T. 0.06 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion: 42 Resp: 156221
 Ion Ratio Lower Upper
 42 100
 74 141.4 103.9 155.9
 44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 113.16 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :
BNA_F
ClientSampled :

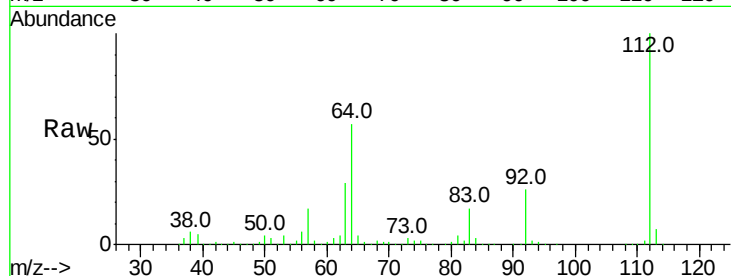
Tot Ion:112 Resp: 872360

Ion Ratio Lower Upper

112 100

64 57.3 46.0 69.0

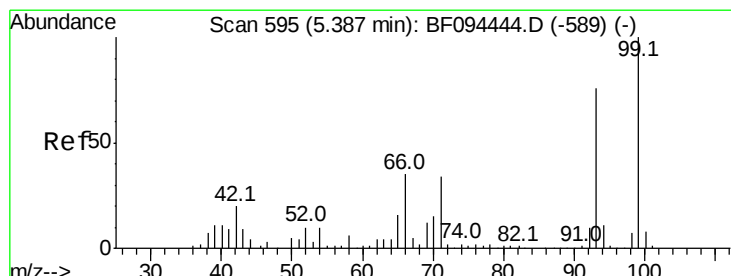
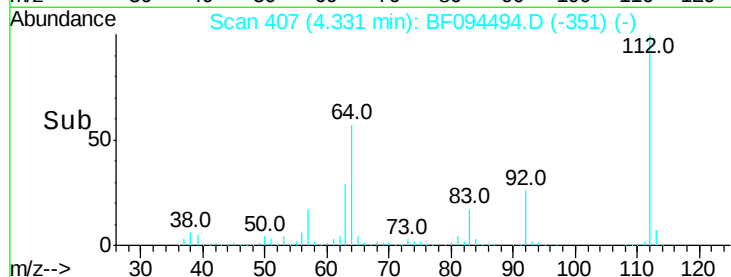
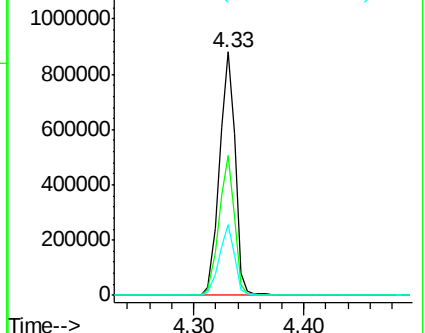
63 29.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.51 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.02 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

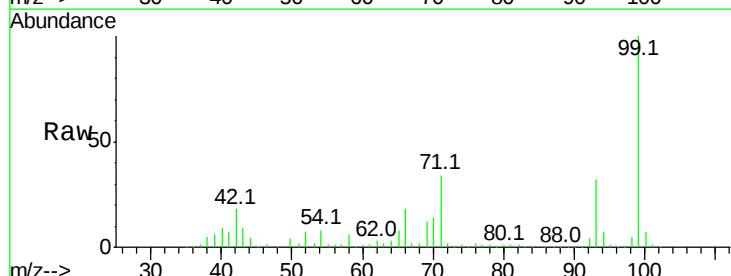
Tgt Ion: 93 Resp: 356440

Ion Ratio Lower Upper

93 100

66 56.2 32.9 49.3#

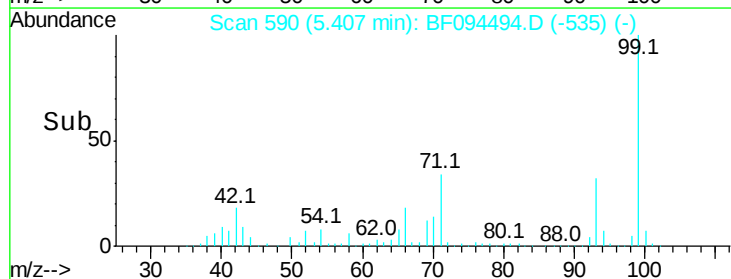
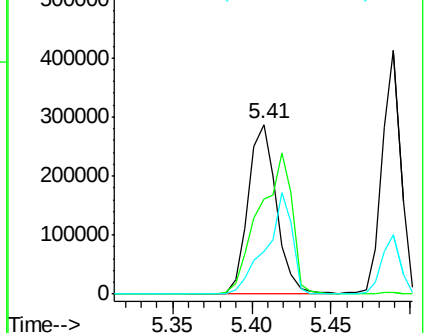
65 25.0 16.0 24.0#

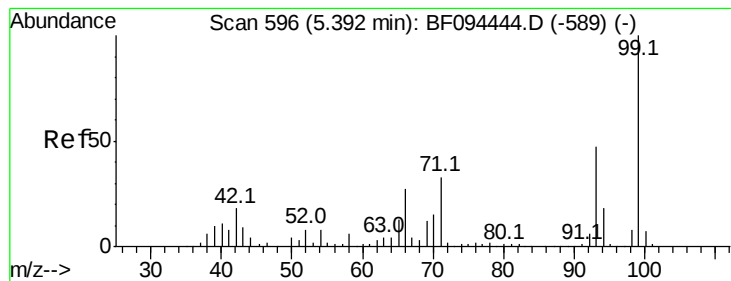


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.24 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :

BNA_F

ClientSampled :

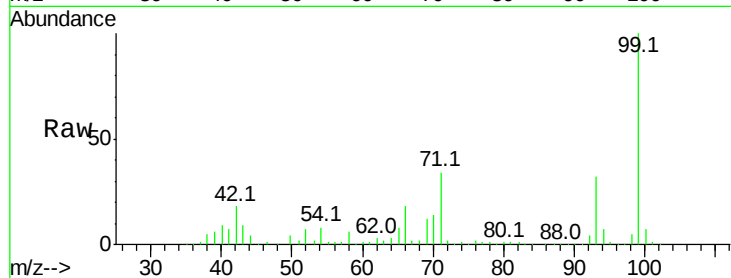
Tot Ion: 99 Resp: 1110963

Ion Ratio Lower Upper

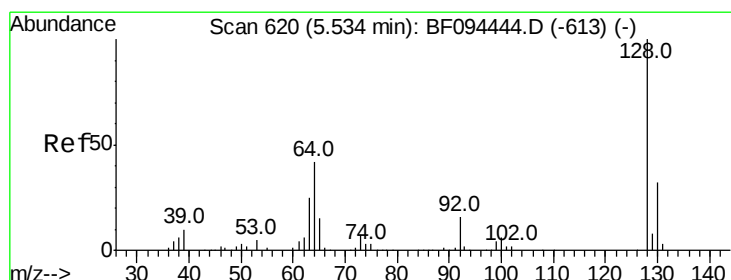
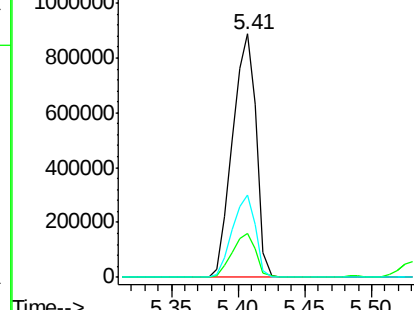
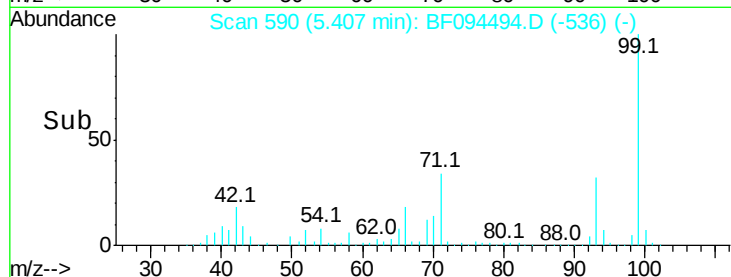
99 100

42 18.1 13.5 20.3

71 33.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.61 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

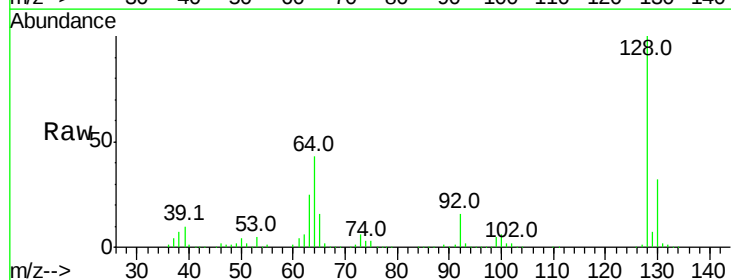
Tgt Ion:128 Resp: 365012

Ion Ratio Lower Upper

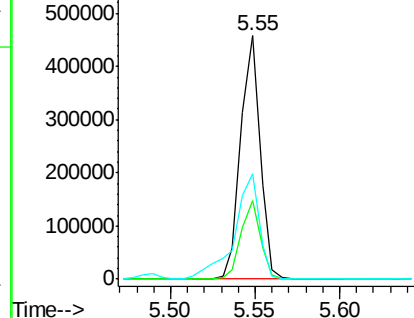
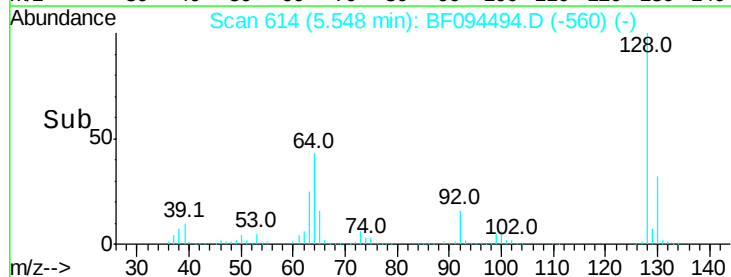
128 100

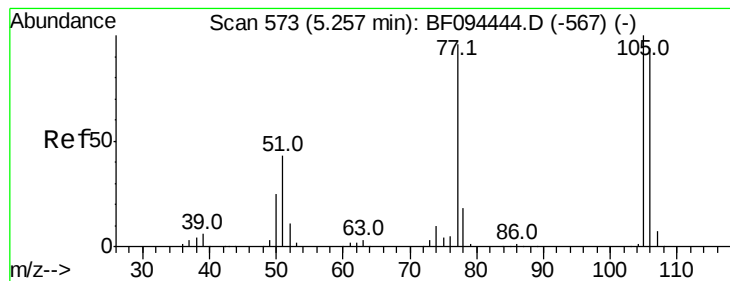
130 32.2 12.9 52.9

64 43.4 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: 9.23 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :

BNA_F

ClientSampled :

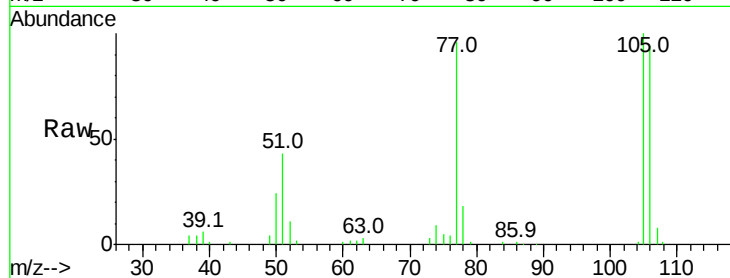
Tot Ion: 77 Resp: 63823

Ion Ratio Lower Upper

77 100

105 104.4 83.8 123.8

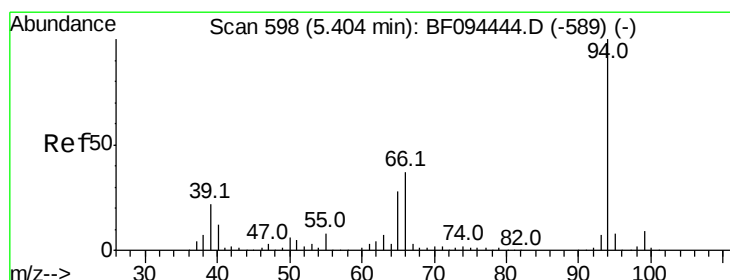
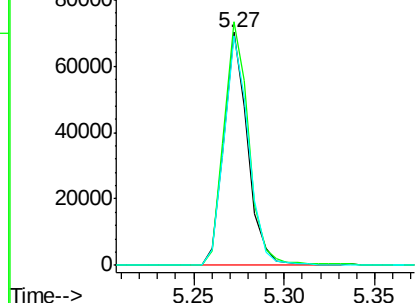
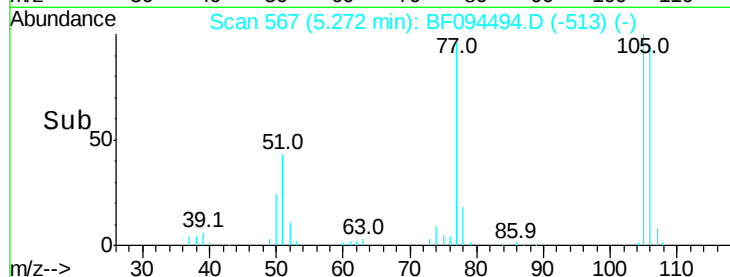
106 98.3 79.1 119.1



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: 45.74 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

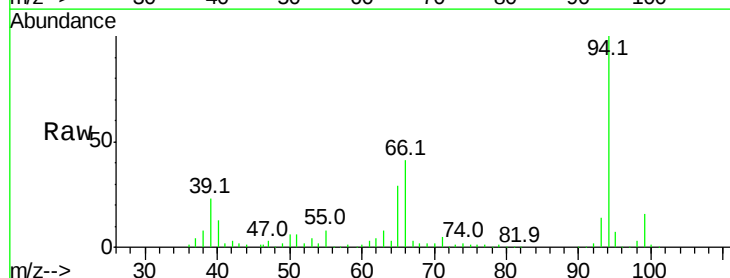
Tgt Ion: 94 Resp: 510711

Ion Ratio Lower Upper

94 100

65 29.3 9.9 49.9

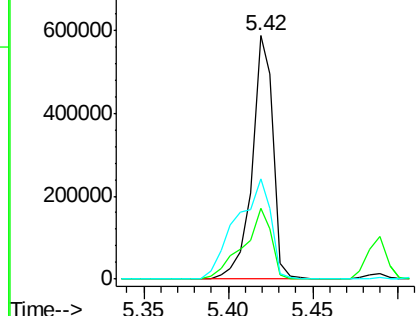
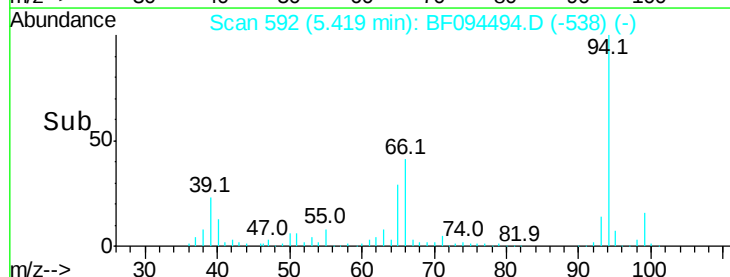
66 40.9 23.1 63.1

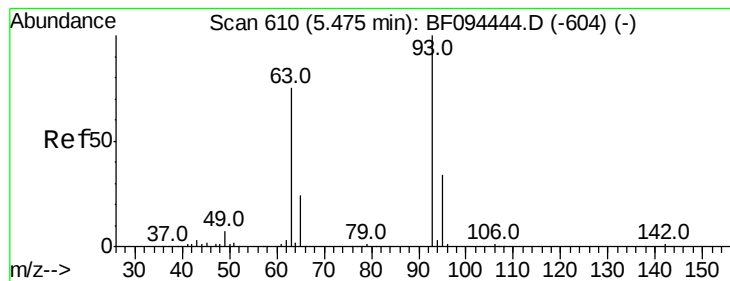


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

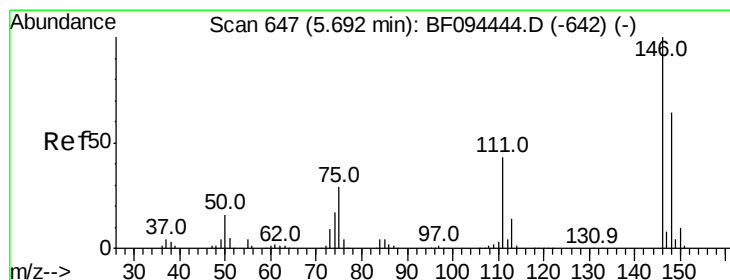
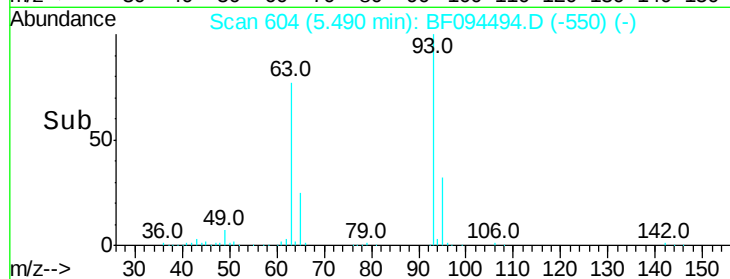
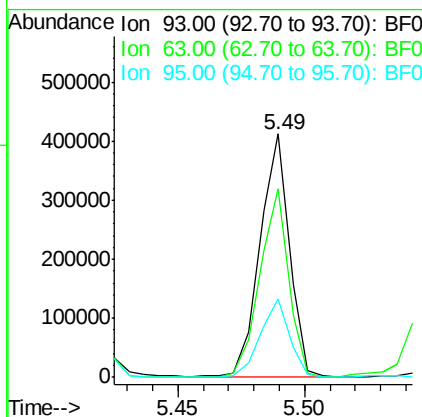
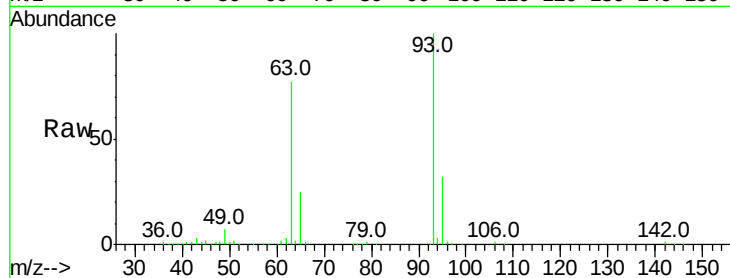




#11
 bis(2-Chloroethyl)ether
 Concen: 41.07 ng
 RT: 5.49 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

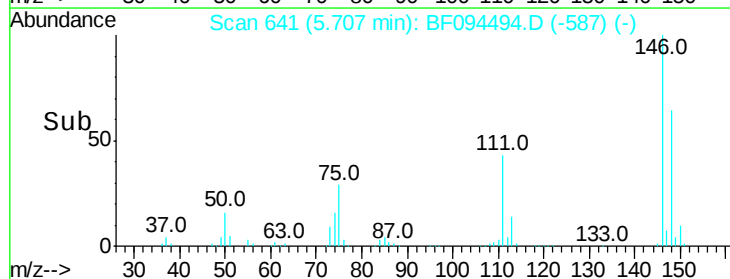
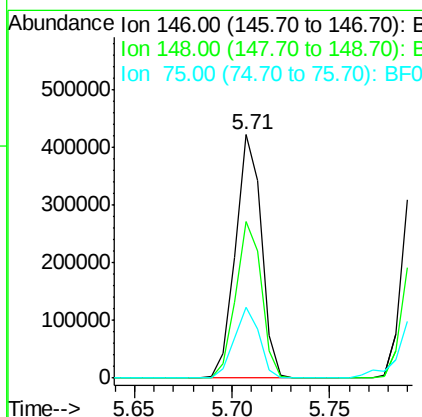
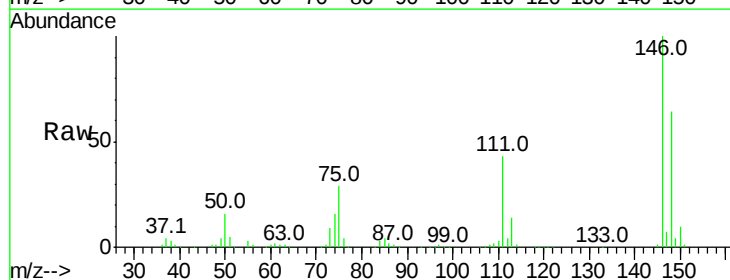
Instrument :
 BNA_F
 ClientSampleId :

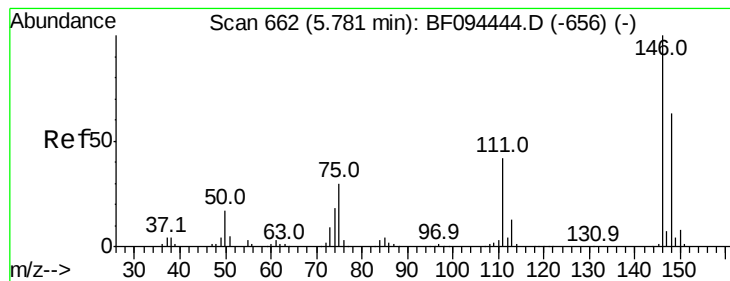
Tot Ion: 93 Resp: 334940
 Ion Ratio Lower Upper
 93 100
 63 77.4 59.2 99.2
 95 32.3 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 39.86 ng
 RT: 5.71 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion: 146 Resp: 387402
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 75 29.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.10 ng

RT: 5.80 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

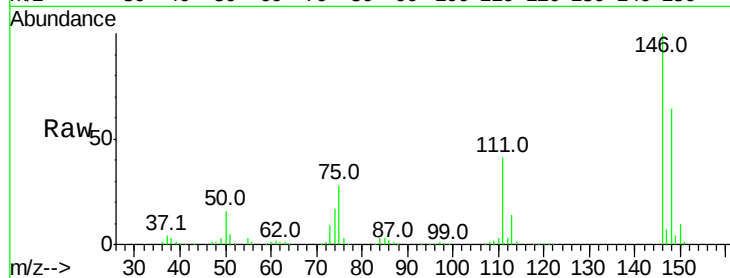
Tot Ion:146 Resp: 392092

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

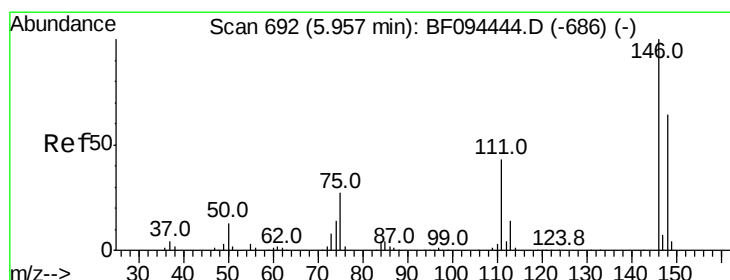
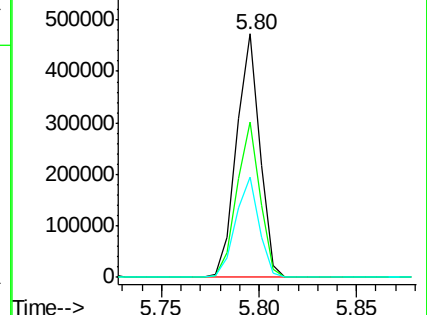
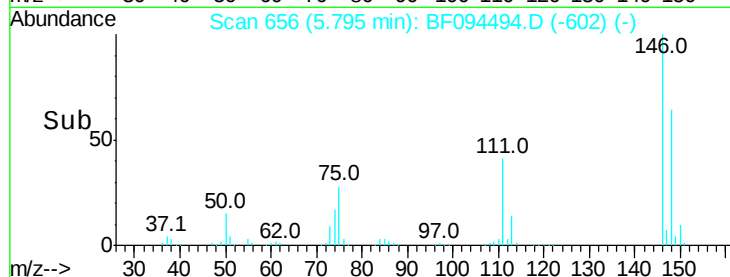
111 41.3 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.25 ng

RT: 5.97 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

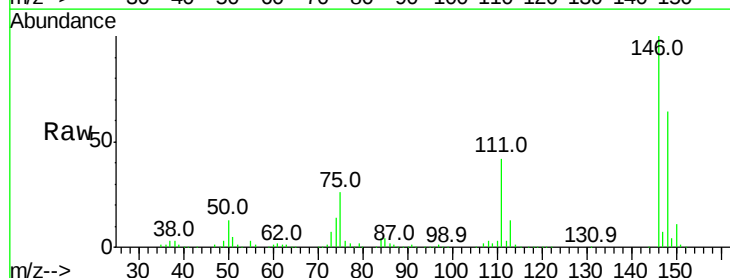
Tgt Ion:146 Resp: 362526

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

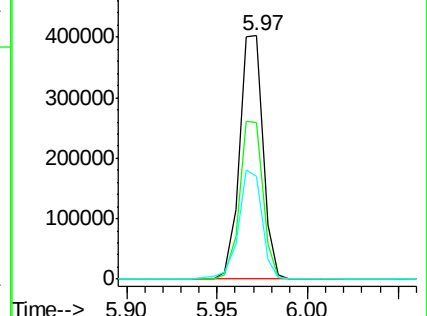
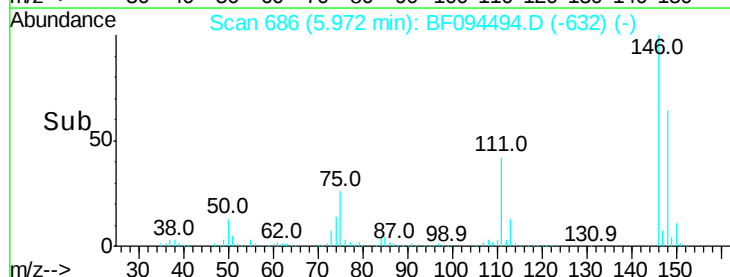
111 42.3 38.2 57.4

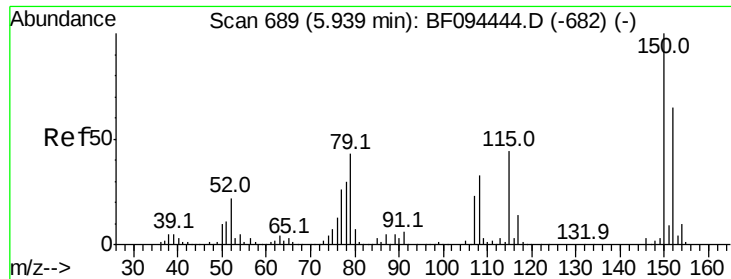


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

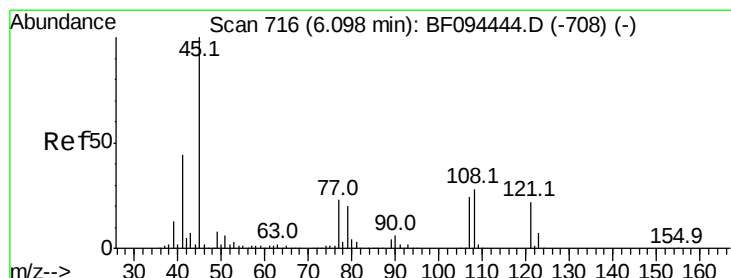
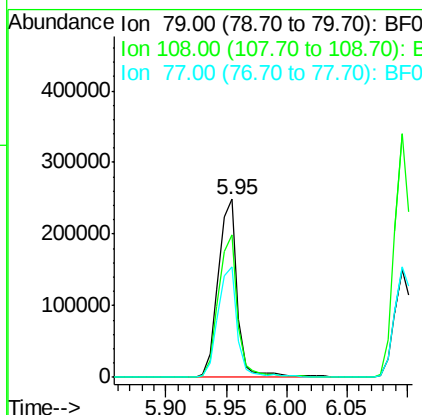
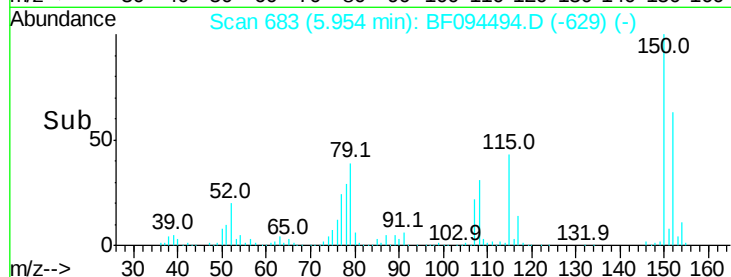
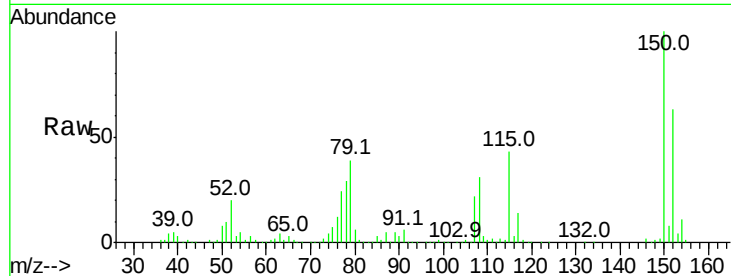




#15
Benzyl Alcohol
Concen: 40.50 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

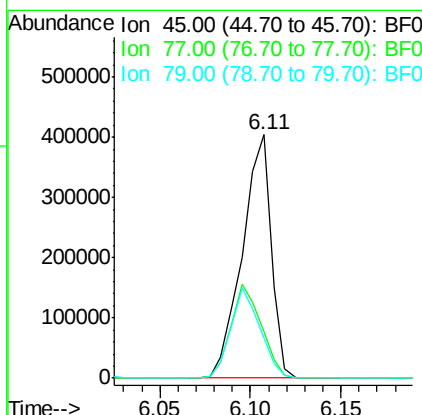
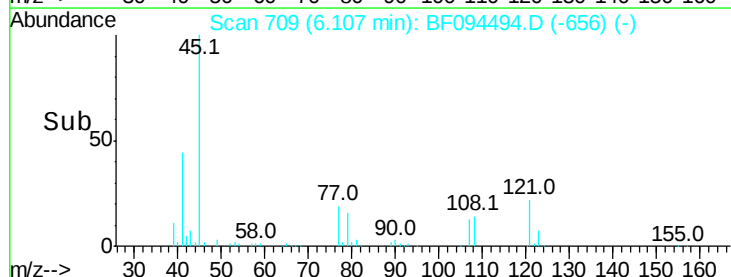
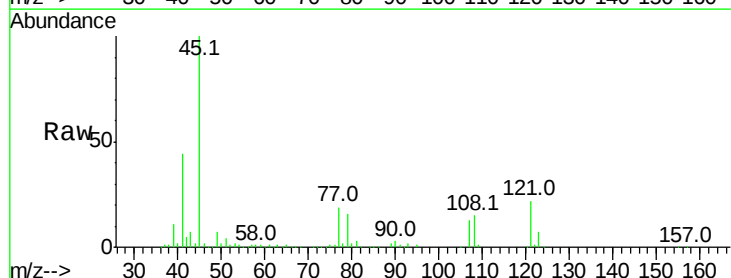
Instrument :
BNA_F
ClientSampled :

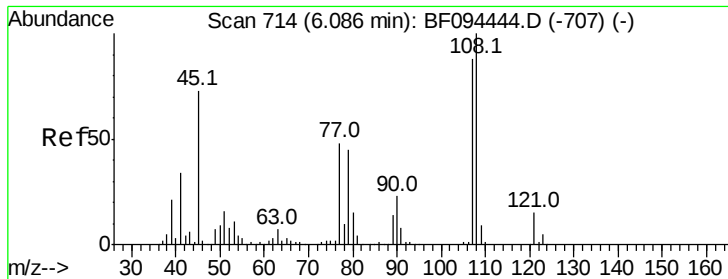
Tot Ion: 79 Resp: 273031
Ion Ratio Lower Upper
79 100
108 79.9 63.4 95.0
77 62.0 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.99 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion: 45 Resp: 449059
Ion Ratio Lower Upper
45 100
77 19.3 0.0 33.2
79 16.2 0.0 30.0





#17

2-Methylphenol

Concen: 42.13 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 291099

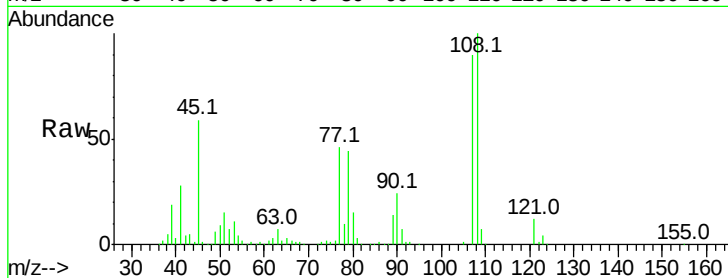
Ion Ratio Lower Upper

107 100

108 111.2 93.4 140.0

77 50.7 35.8 53.6

79 49.2 34.8 52.2

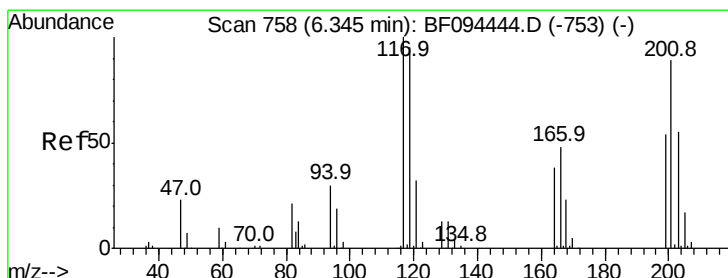
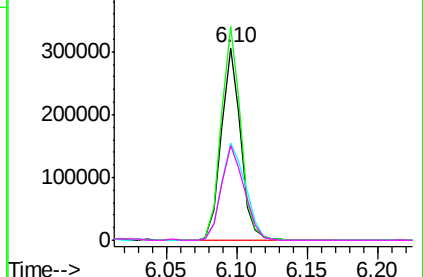
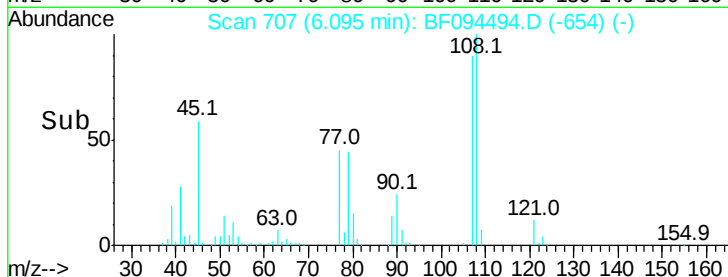


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.33 ng

RT: 6.35 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

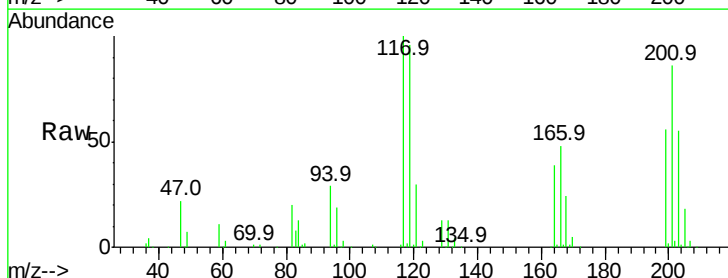
Tgt Ion:117 Resp: 131831

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.0

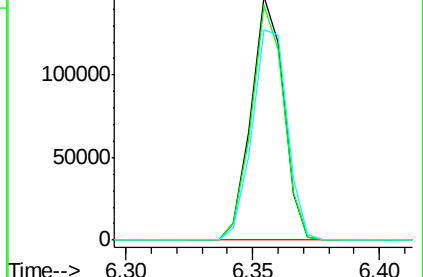
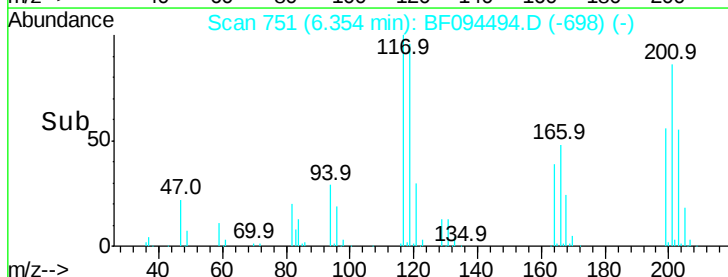
201 86.4 94.6 141.8#

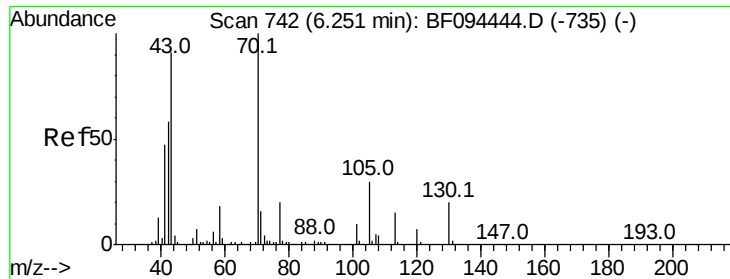


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

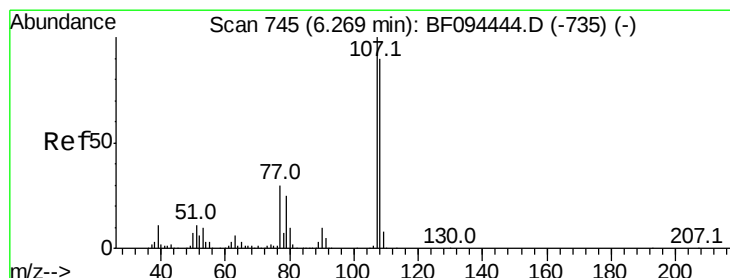
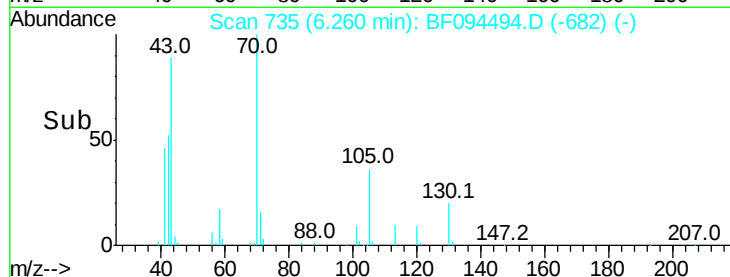
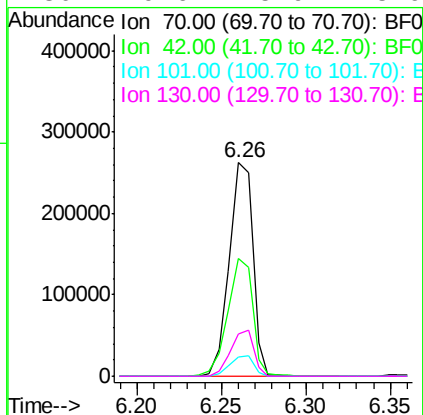
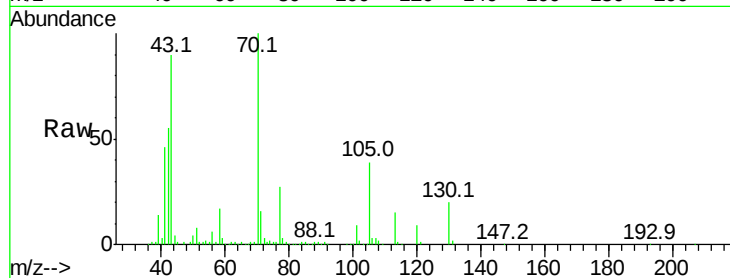




#19
n-Nitroso-di-n-propylamine
Concen: 42.28 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

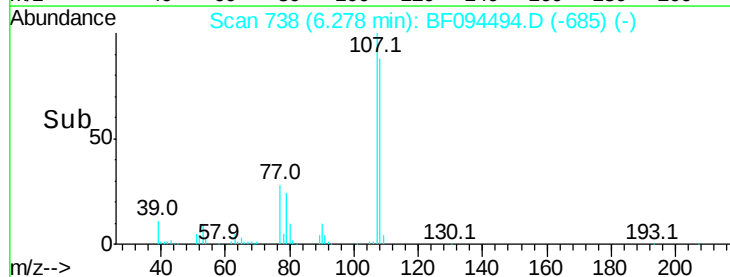
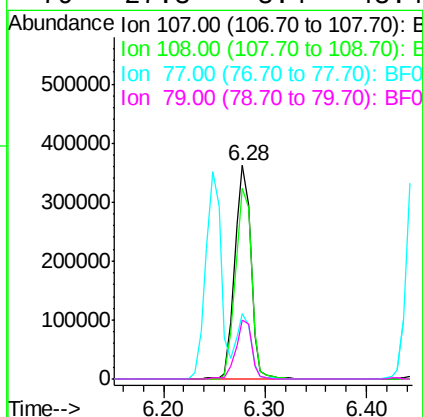
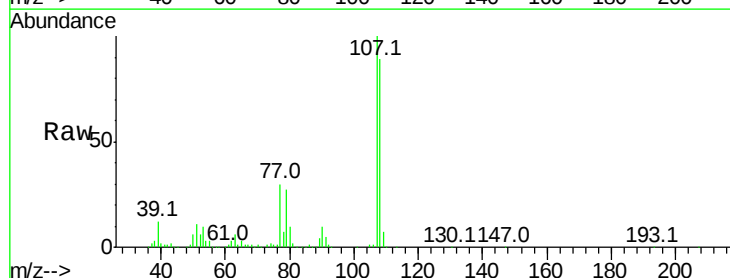
Instrument :
BNA_F
ClientSampleId :

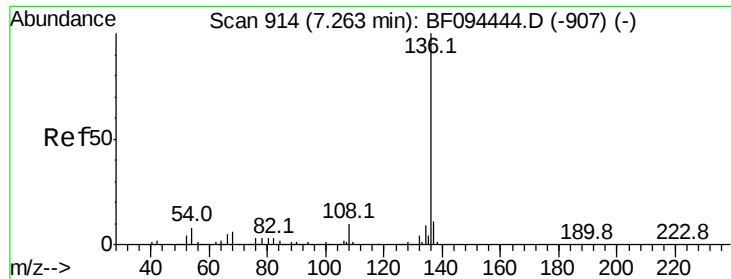
Tot Ion: 70 Resp: 254587
Ion Ratio Lower Upper
70 100
42 55.1 47.2 70.8
101 9.1 7.2 10.8
130 19.6 15.9 23.9



#20
3+4-Methylphenols
Concen: 42.83 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion:107 Resp: 402138
Ion Ratio Lower Upper
107 100
108 89.2 71.0 111.0
77 30.4 90.5 130.5#
79 27.3 8.4 48.4

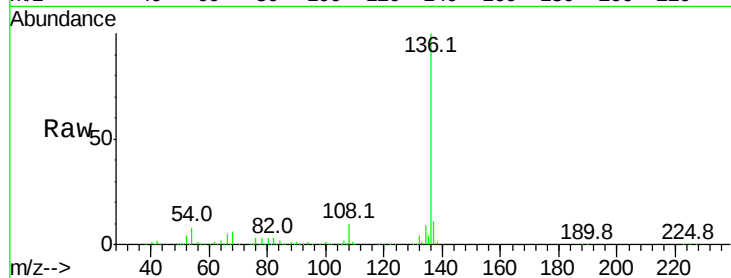




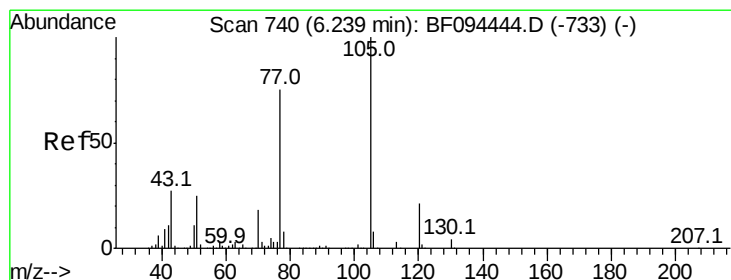
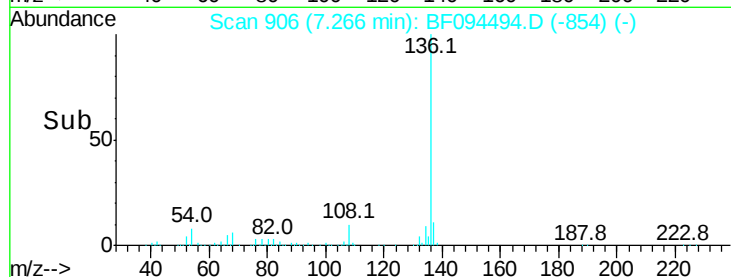
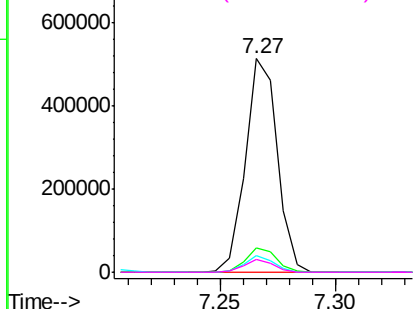
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	494938
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.5 12.7
54	7.6	4.9 7.3#
68	6.1	4.1 6.1

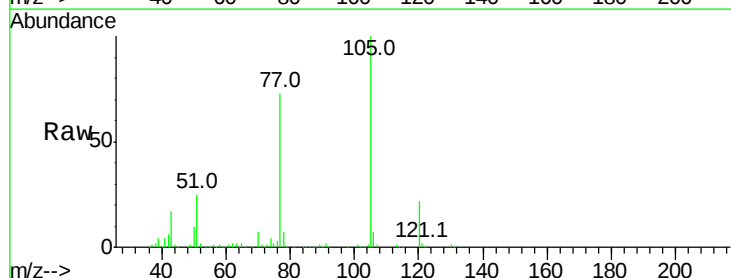


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

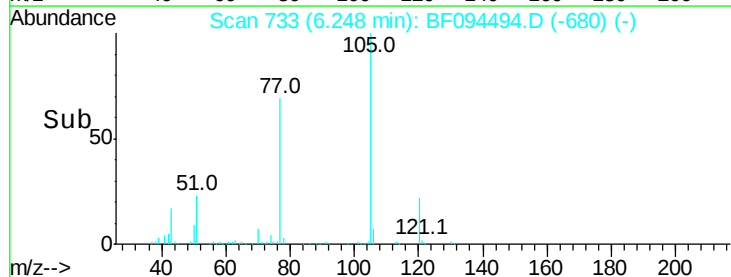
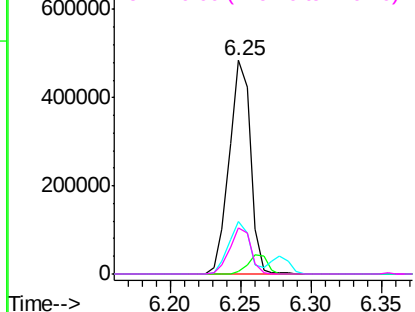


#22
Acetophenone
Concen: 42.44 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion:105	Resp:	510749
Ion Ratio	Lower	Upper
105	100	
71	1.4	2.8 4.2#
51	24.7	30.7 46.1#
120	21.6	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: 90.25 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :

BNA_F

ClientSampled :

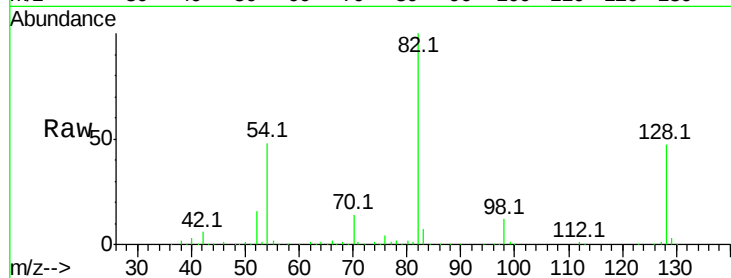
Tot Ion: 82 Resp: 723390

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

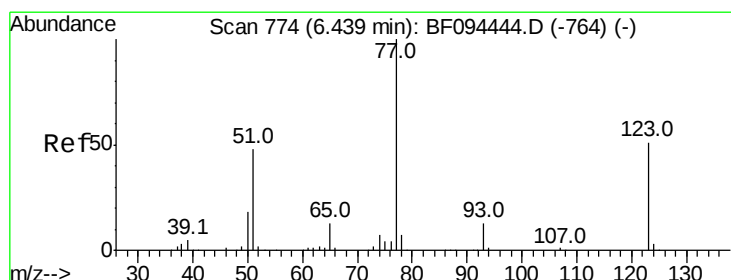
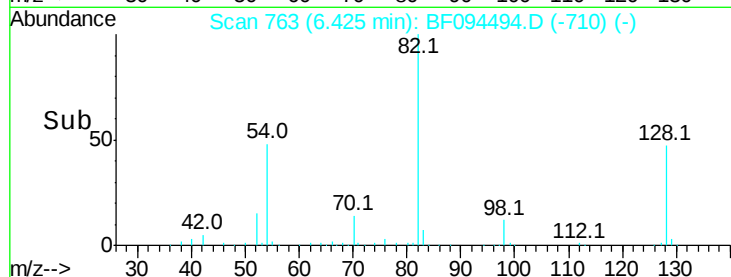
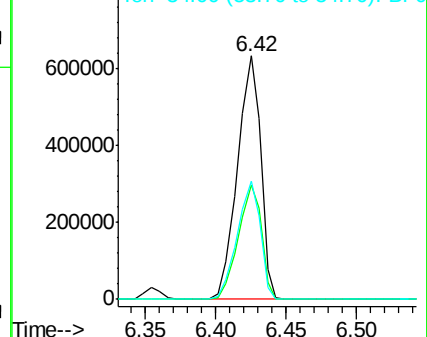
54 48.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.04 ng

RT: 6.45 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

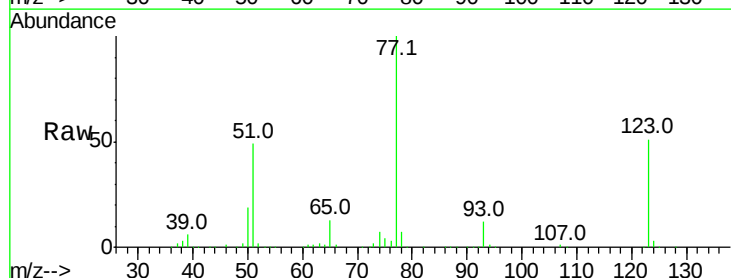
Tgt Ion: 77 Resp: 363270

Ion Ratio Lower Upper

77 100

123 51.3 35.8 53.8

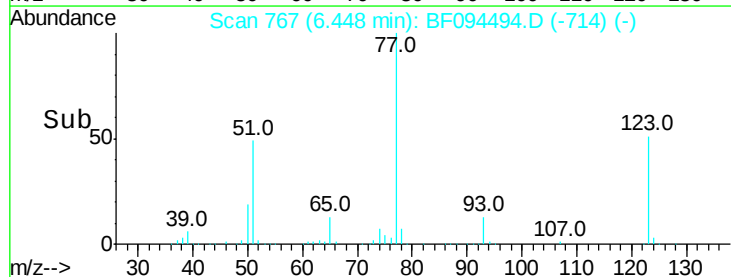
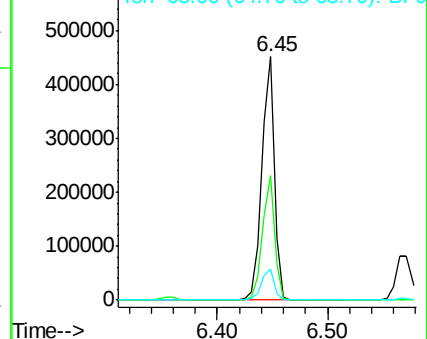
65 12.9 10.6 15.8

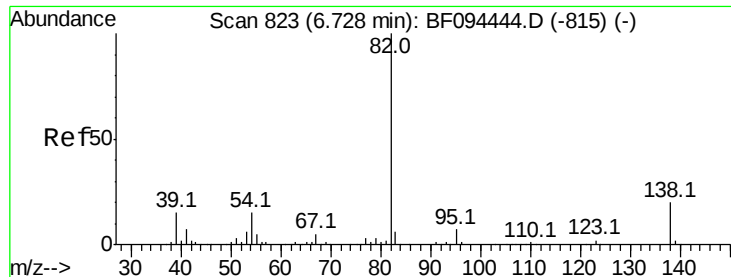


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.27 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

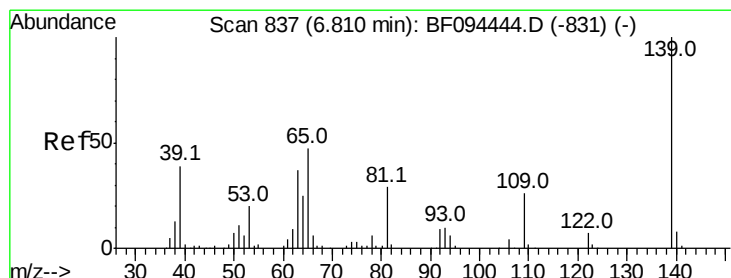
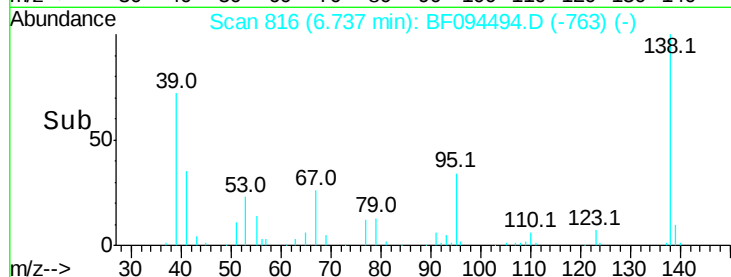
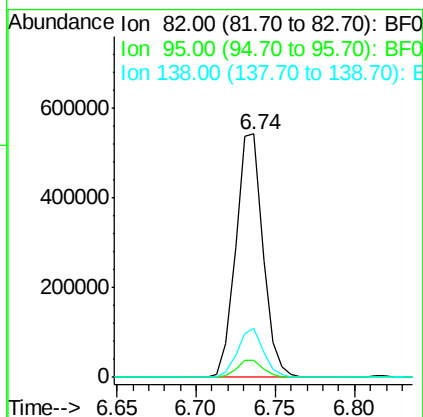
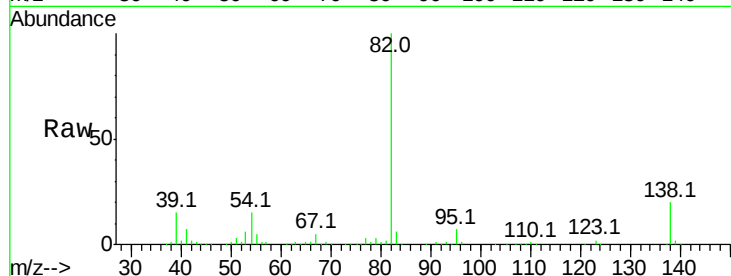
Tot Ion: 82 Resp: 642958

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 20.3 13.1 19.7#



#26

2-Nitrophenol

Concen: 44.42 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

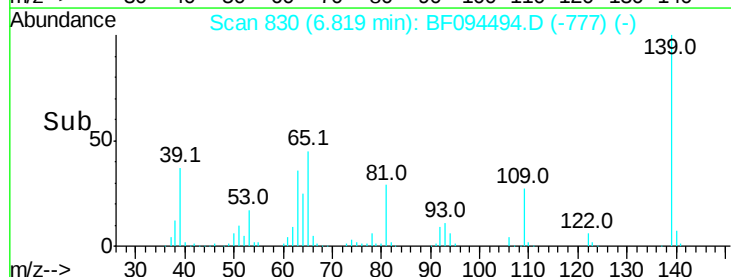
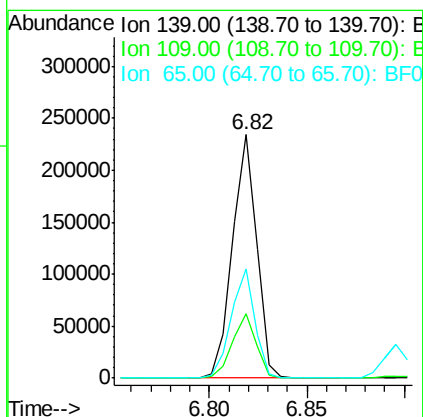
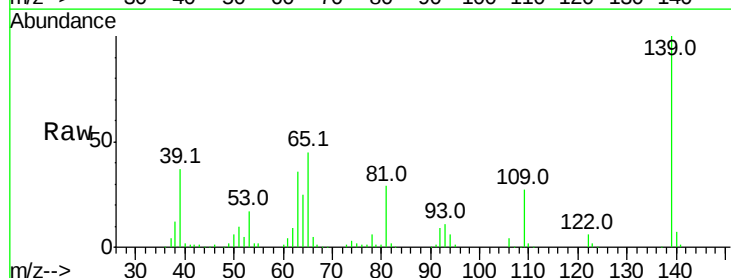
Tgt Ion:139 Resp: 201411

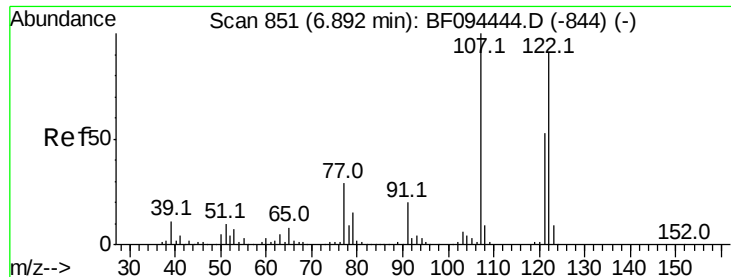
Ion Ratio Lower Upper

139 100

109 26.6 21.0 31.6

65 44.8 33.0 49.6

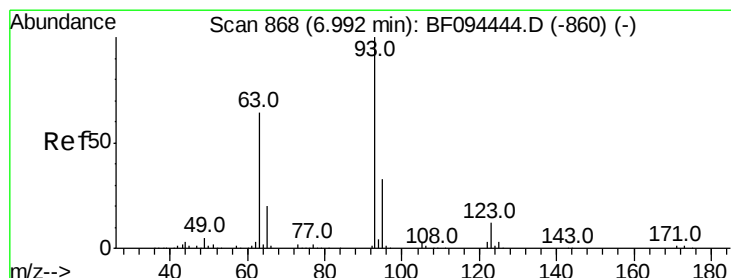
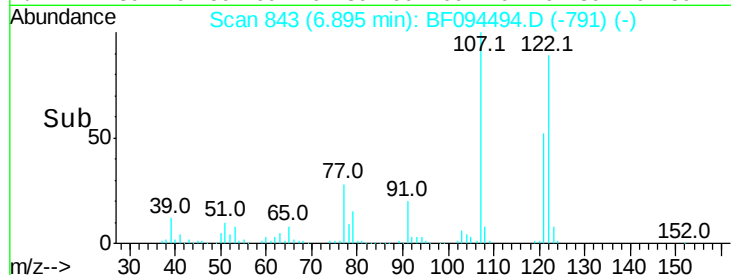
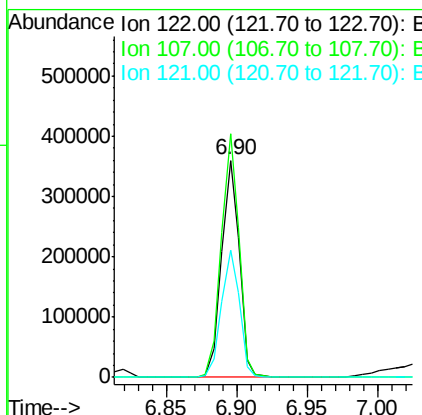
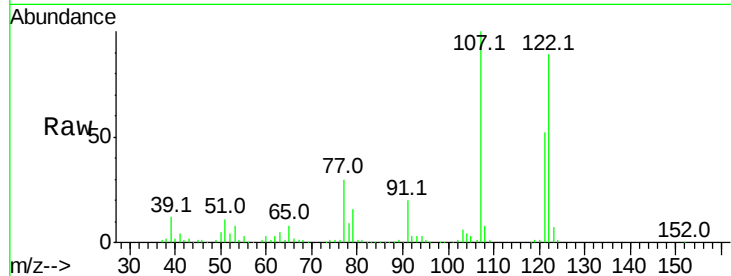




#27
 2,4-Dimethylphenol
 Concen: 42.77 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

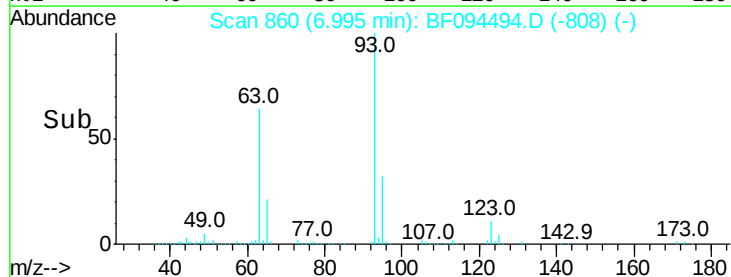
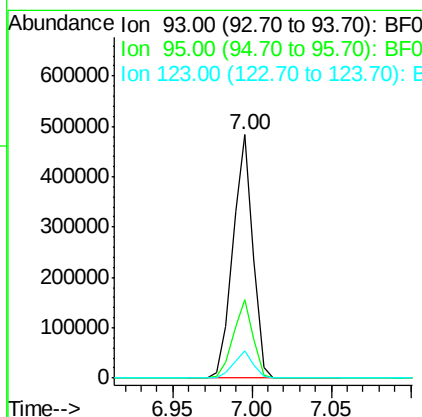
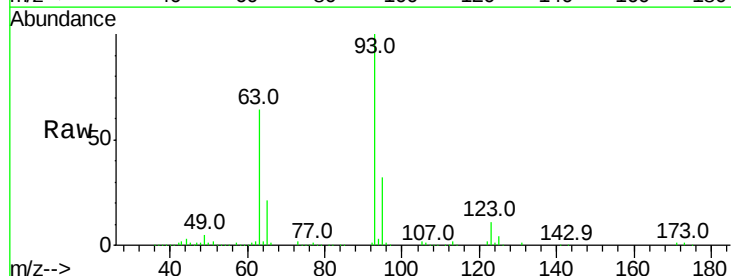
Instrument :
 BNA_F
 ClientSampled :

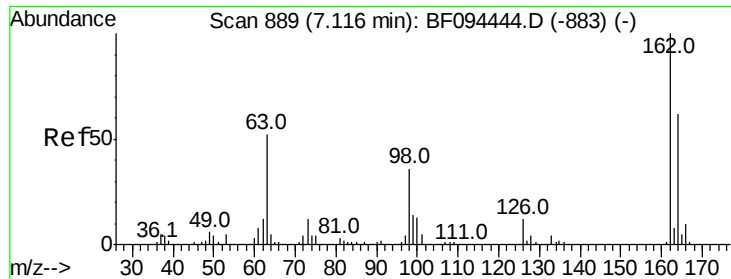
Tot Ion:122 Resp: 315048
 Ion Ratio Lower Upper
 122 100
 107 112.3 89.2 133.8
 121 58.8 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.63 ng
 RT: 7.00 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion: 93 Resp: 419301
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 11.1 9.0 13.4

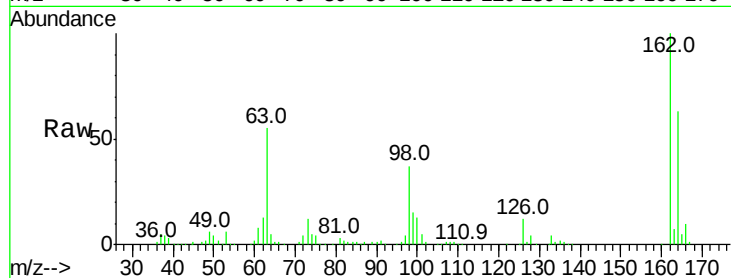




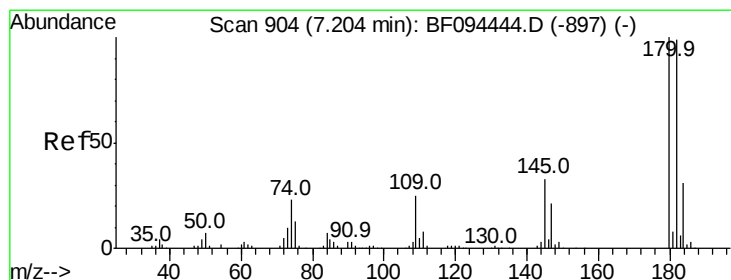
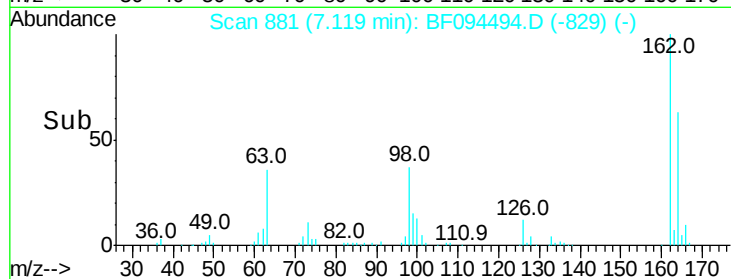
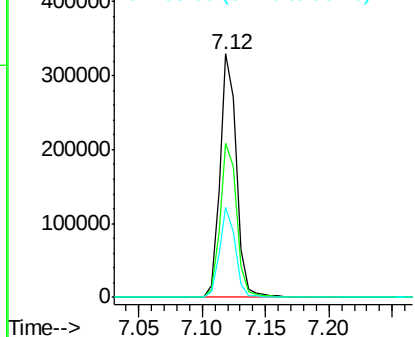
#29
 2,4-Dichlorophenol
 Concen: 43.93 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	37.0	14.8	54.8

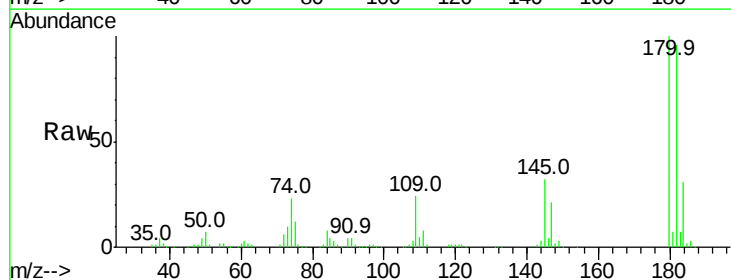


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

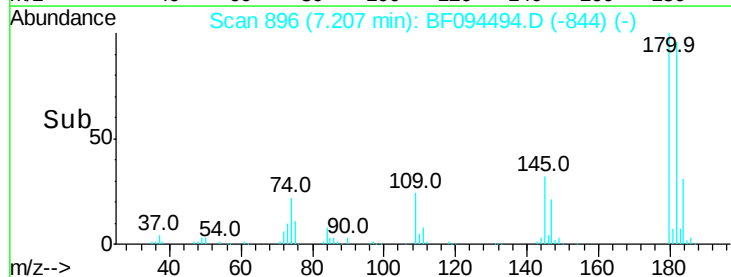
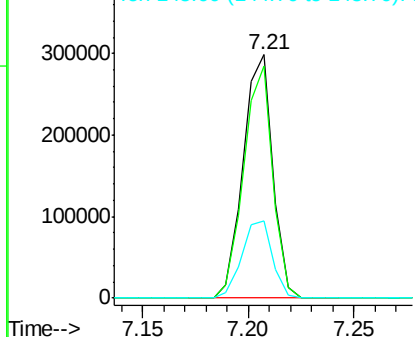


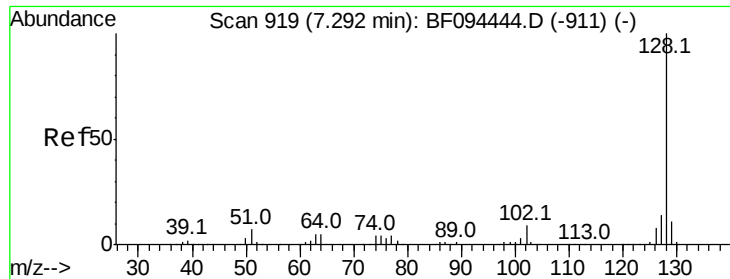
#30
 1,2,4-Trichlorobenzene
 Concen: 40.79 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	31.9	25.3	37.9



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

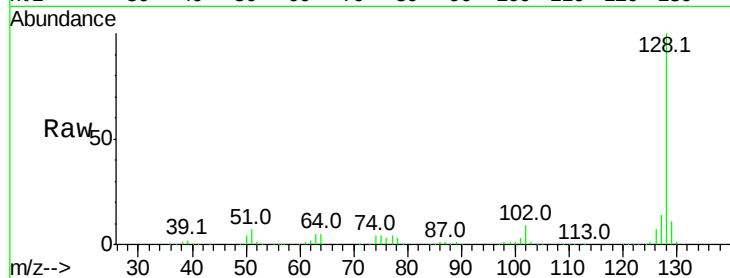




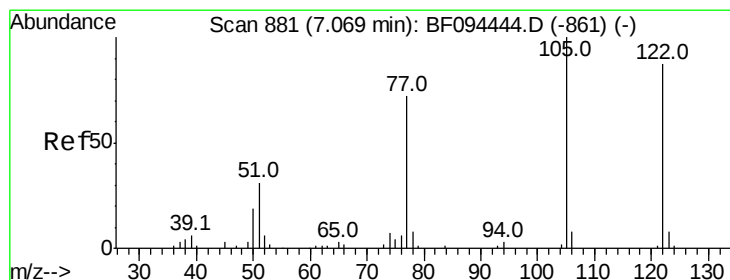
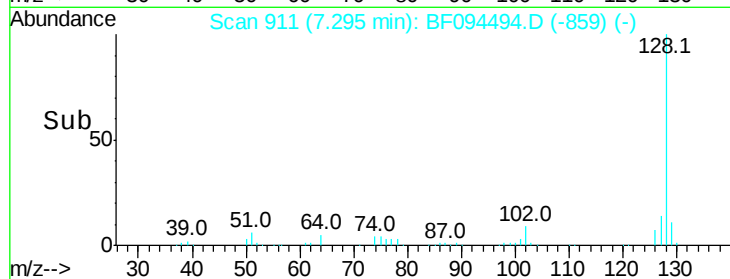
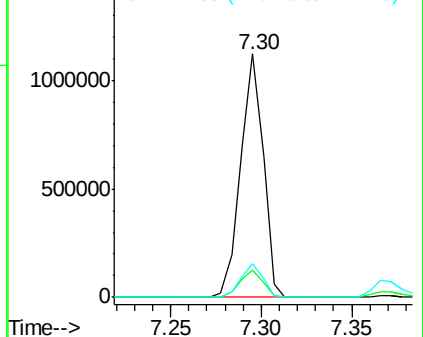
#31
Naphthalene
Concen: 40.85 ng
RT: 7.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 972034
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.8 10.8 16.2

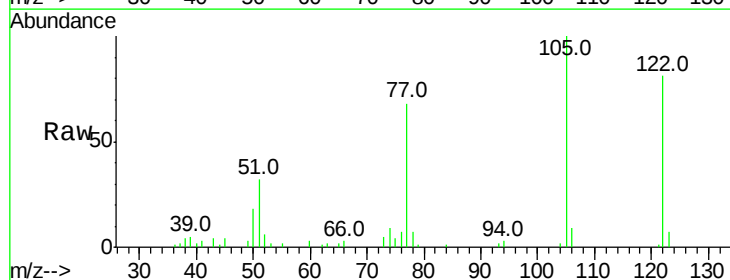


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

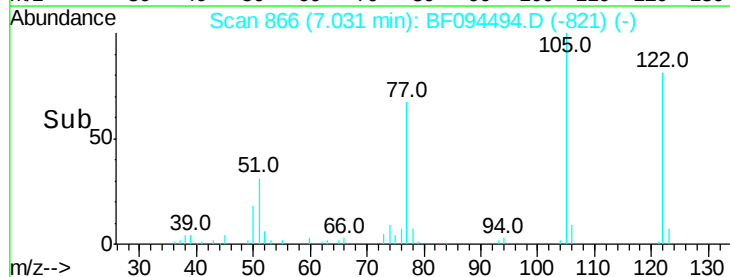
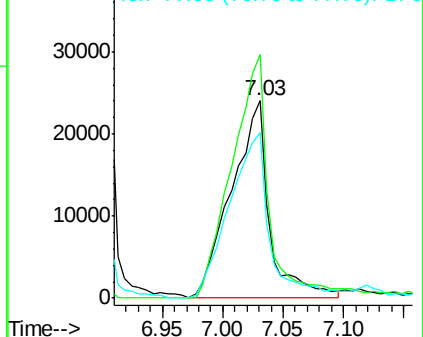


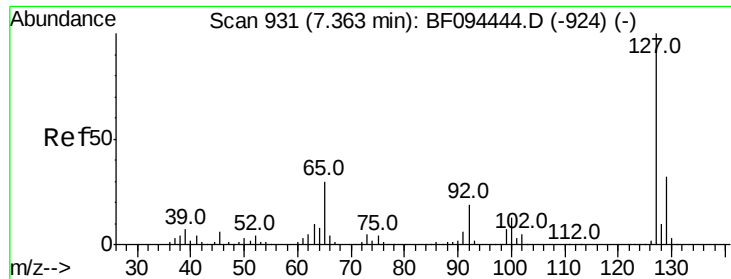
#32
Benzoic acid
Concen: 13.62 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.04 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion:122 Resp: 53043
Ion Ratio Lower Upper
122 100
105 123.3 103.3 143.3
77 83.6 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

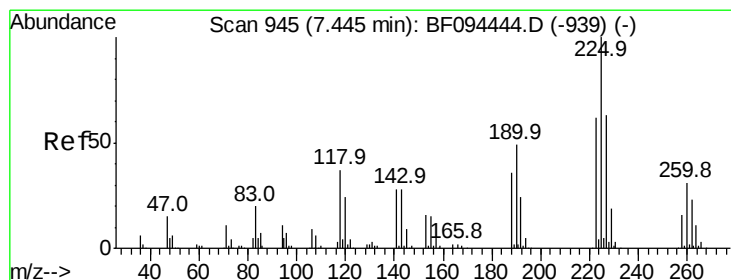
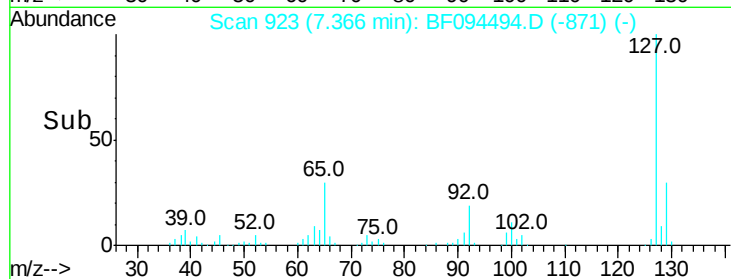
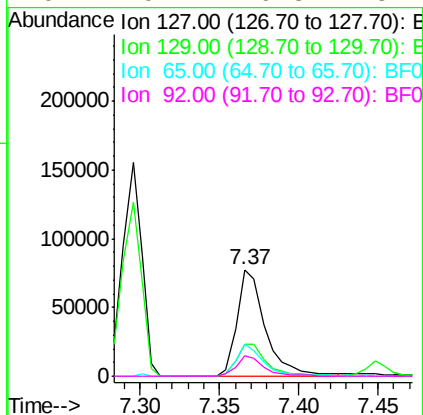
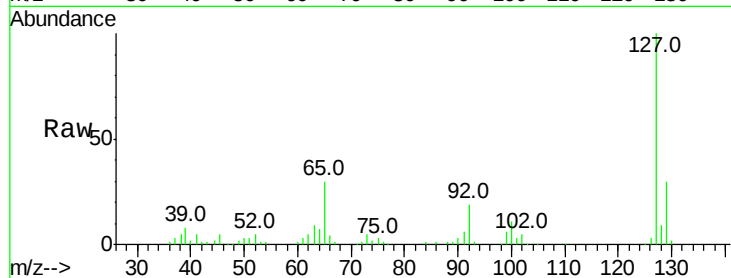




#33
4-Chloroaniline
Concen: 9.75 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

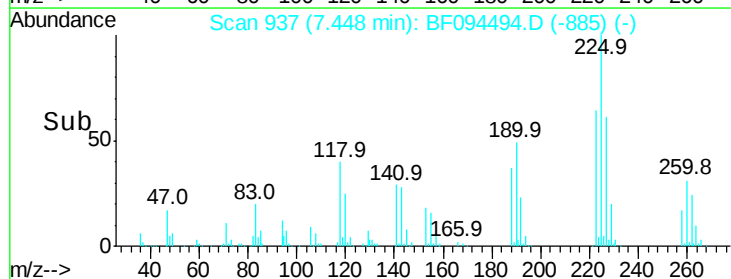
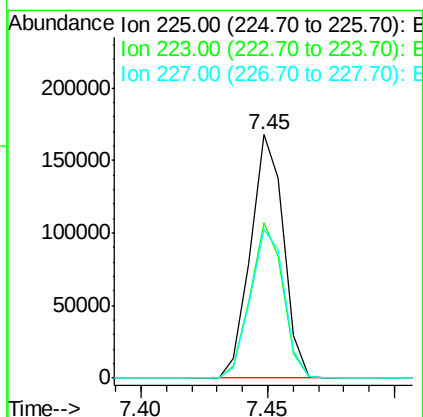
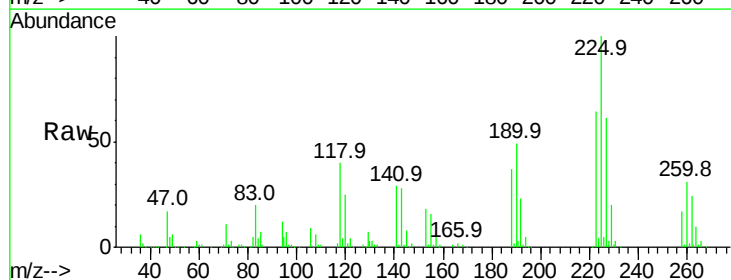
Instrument :
BNA_F
ClientSampleId :

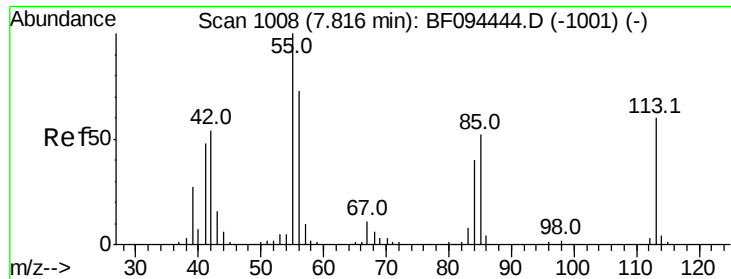
Tot Ion:	127	Resp:	96490
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.2	39.2
65	30.2	27.8	41.8
92	19.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.80 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion:	225	Resp:	151174
Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.8	73.2
227	61.0	51.1	76.7

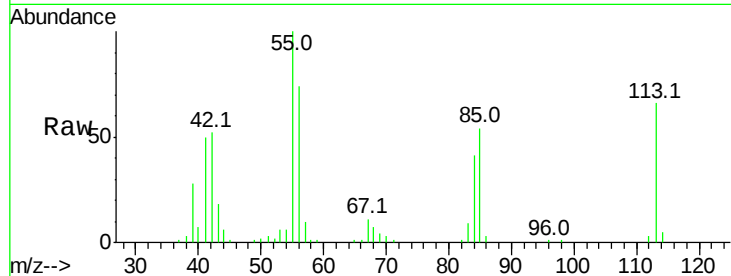




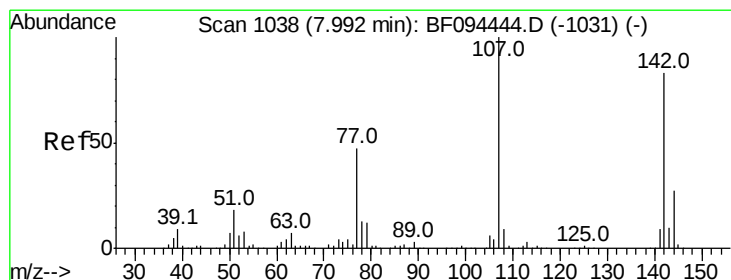
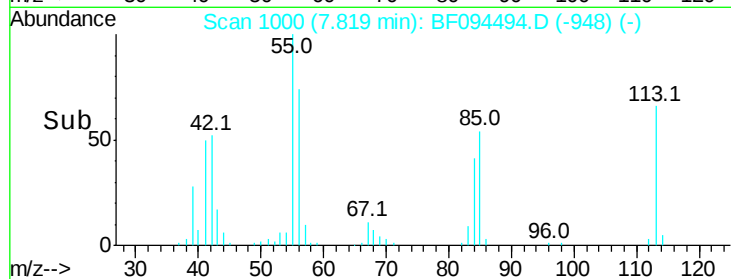
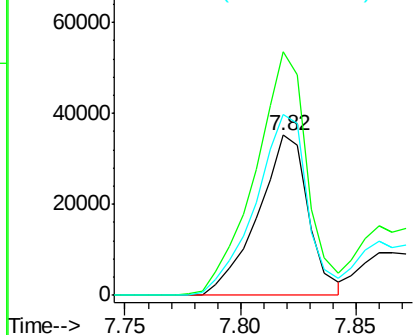
#35
 Caprolactam
 Concen: 24.85 ng
 RT: 7.82 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 53486
 Ion Ratio Lower Upper
 113 100
 55 152.1 150.2 190.2
 56 113.2 107.8 147.8

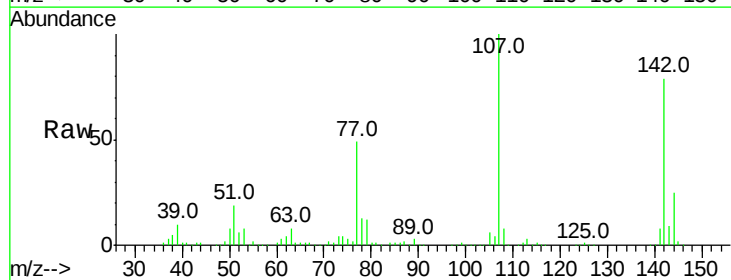


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

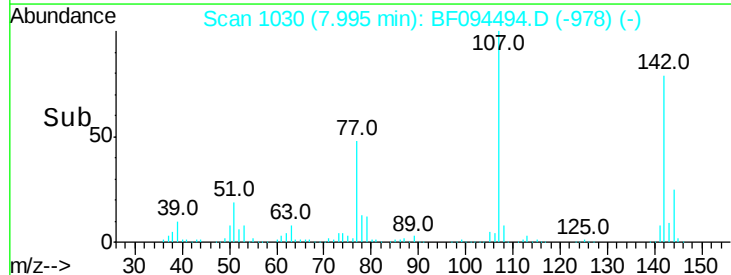
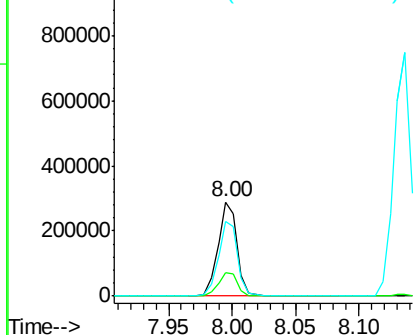


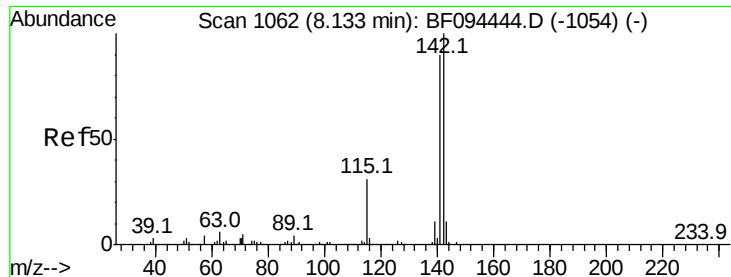
#36
 4-Chloro-3-methylphenol
 Concen: 42.20 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion:107 Resp: 303076
 Ion Ratio Lower Upper
 107 100
 144 25.4 24.2 36.4
 142 79.0 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.27 ng

RT: 8.14 min Scan# 1054

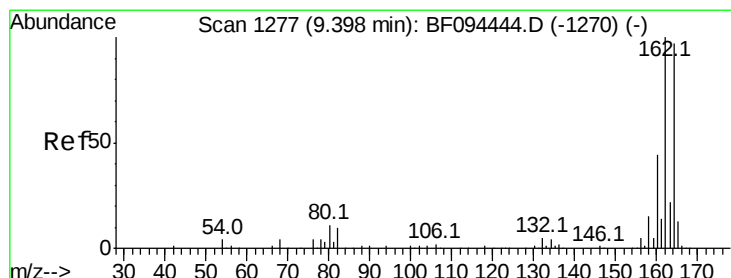
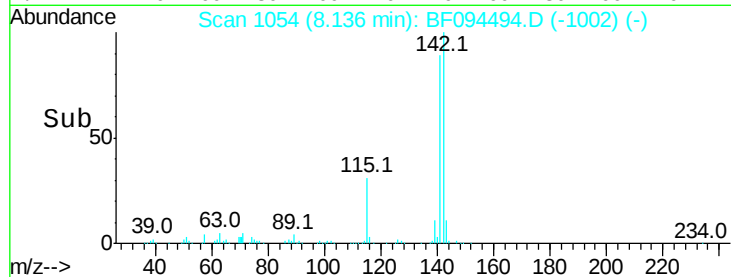
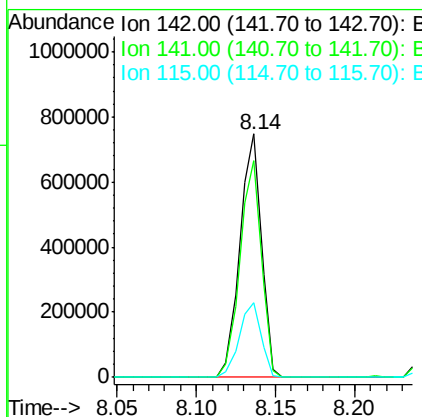
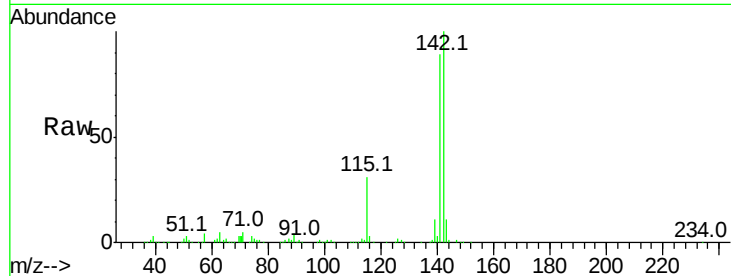
Delta R.T. 0.00 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	30.7	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

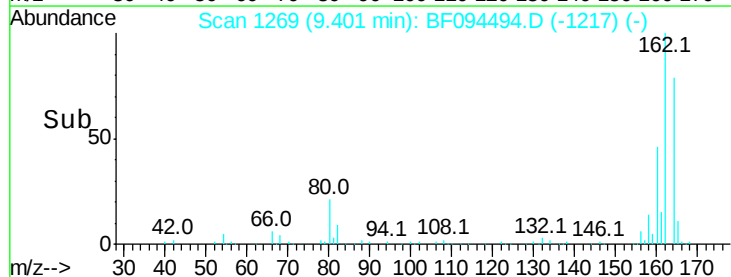
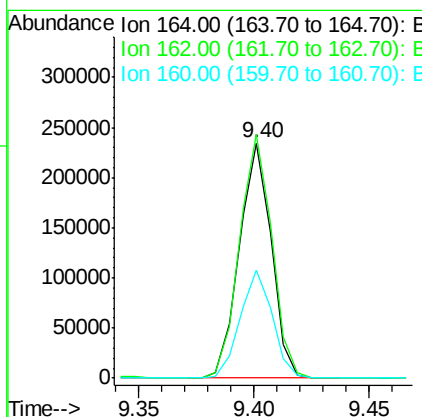
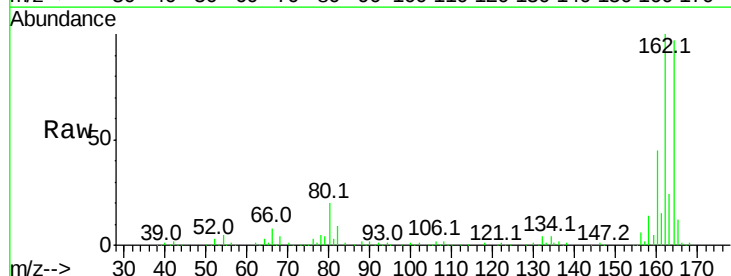
RT: 9.40 min Scan# 1269

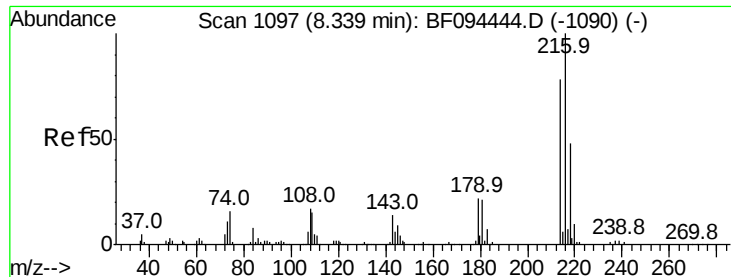
Delta R.T. 0.00 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	46.2	36.2	54.2

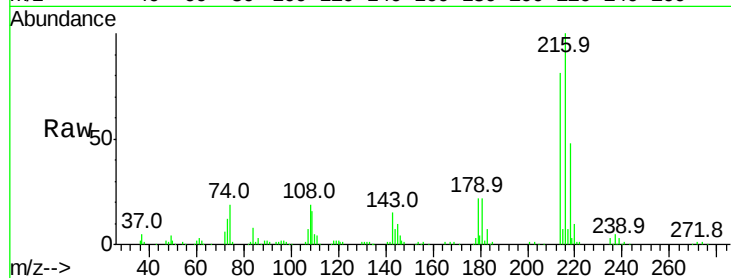




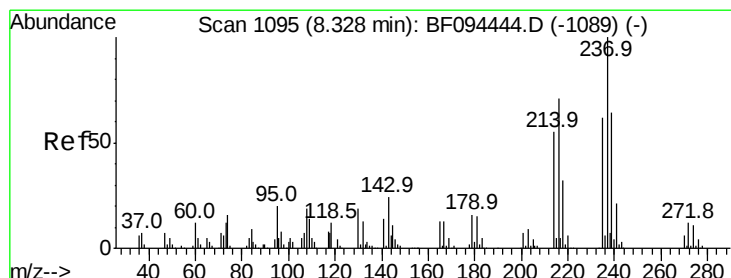
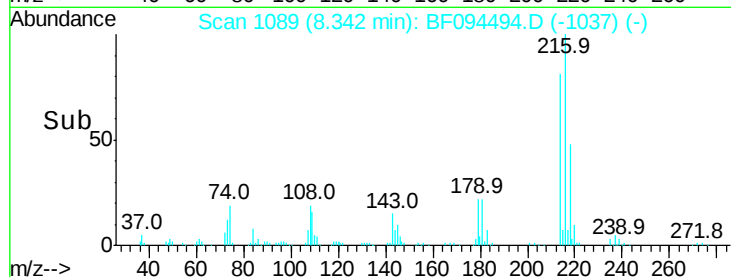
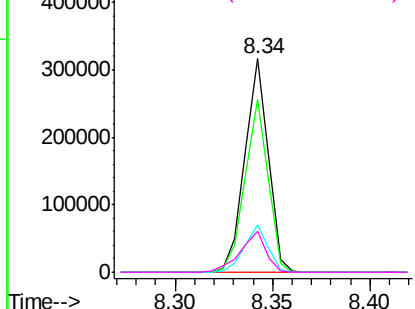
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.80 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	263189
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	21.9	17.9	26.9
108	21.5	16.5	24.7

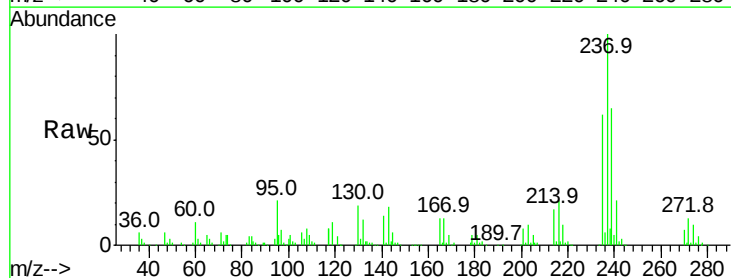


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

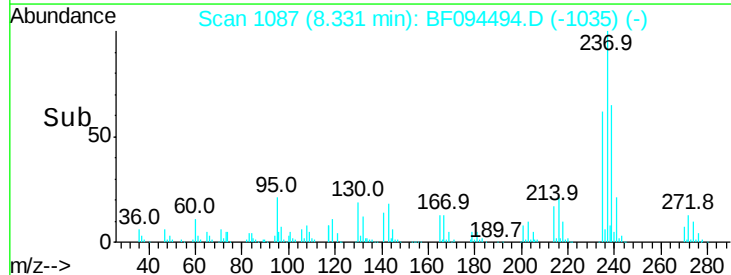
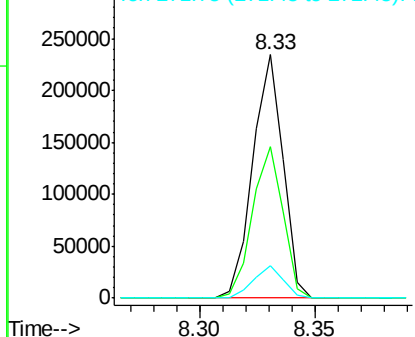


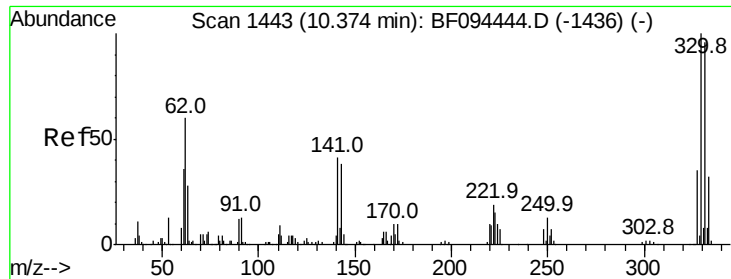
#40
 Hexachlorocyclopentadiene
 Concen: 82.35 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion:	237	Resp:	214873
Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.6	82.6
272	13.4	0.0	31.9



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

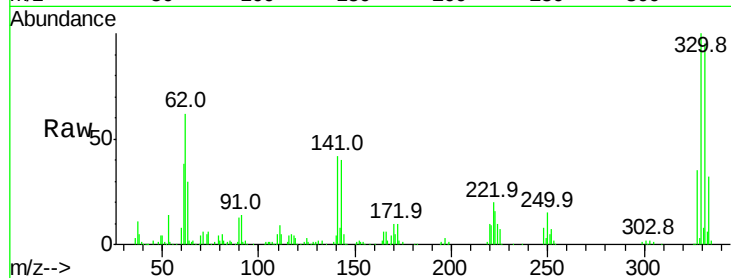




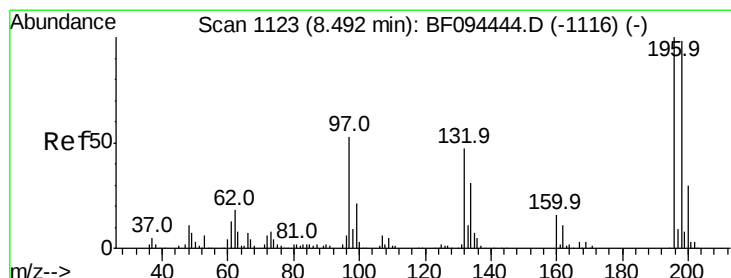
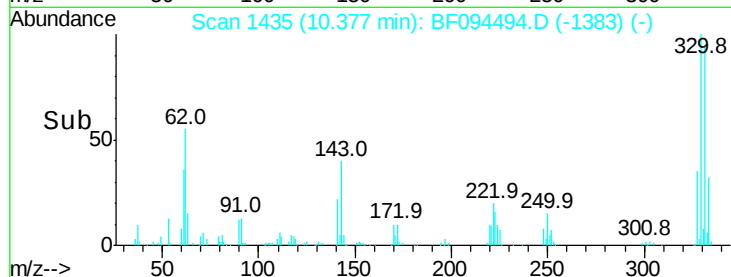
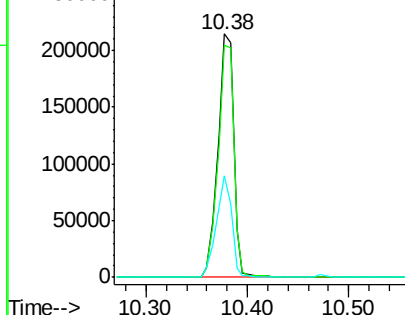
#41
 2,4,6-Tribromophenol
 Concen: 132.68 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 235065
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 40.4 31.4 47.2

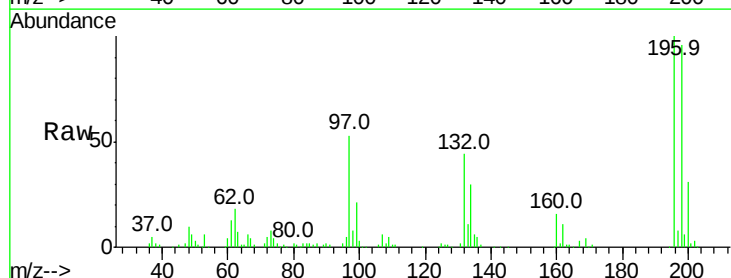


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

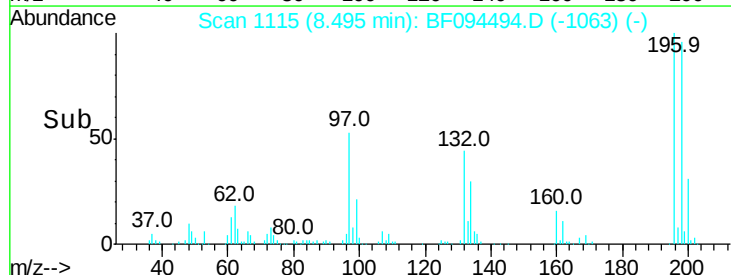
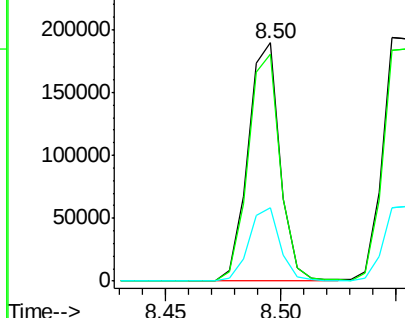


#42
 2,4,6-Trichlorophenol
 Concen: 40.45 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion:196 Resp: 183237
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.2 111.4
 200 30.6 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

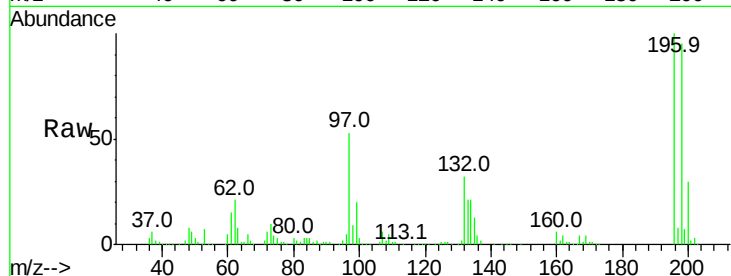




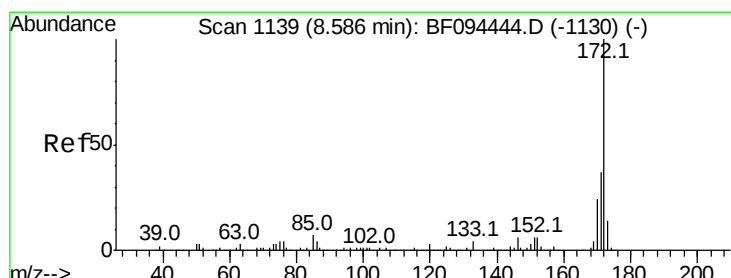
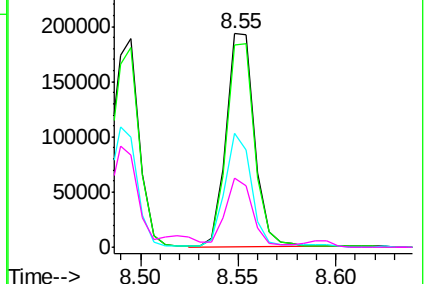
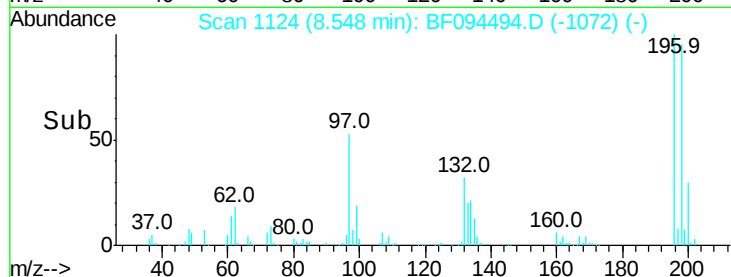
#43
 2,4,5-Trichlorophenol
 Concen: 41.82 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 194547
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 97 53.1 47.7 71.5
 132 32.5 28.0 42.0

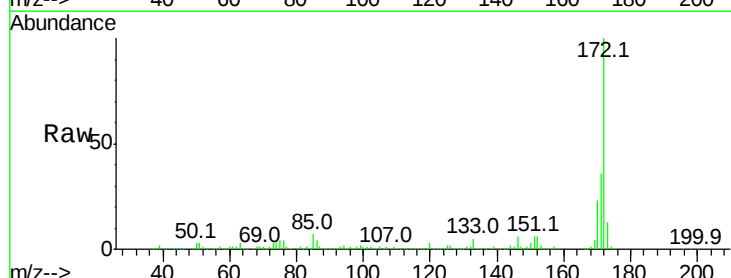


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

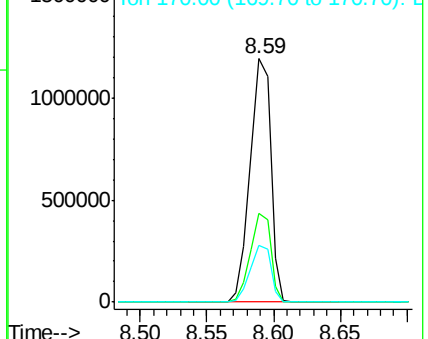
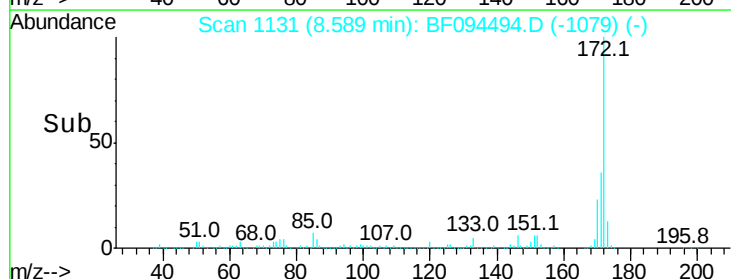


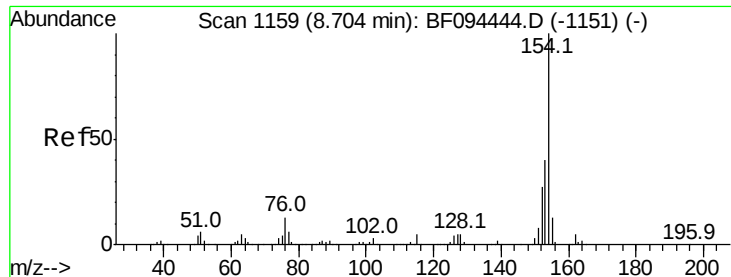
#44
 2-Fluorobiphenyl
 Concen: 82.25 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion:172 Resp: 1266199
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.5 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.63 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :

BNA_F

ClientSampled :

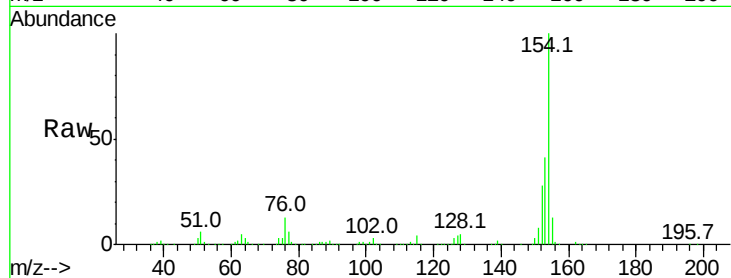
Tot Ion:154 Resp: 733378

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

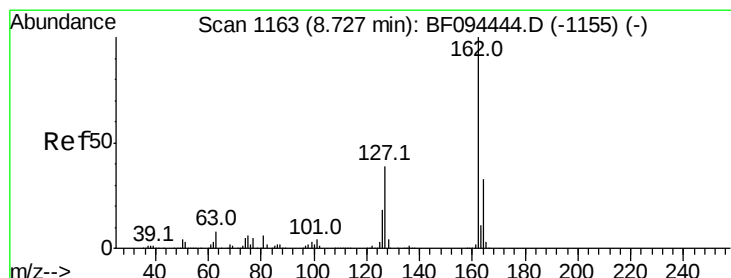
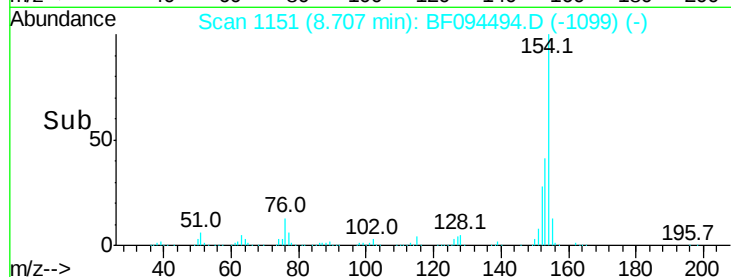
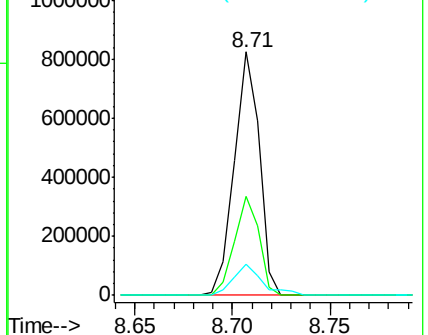
76 12.7 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.57 ng

RT: 8.72 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

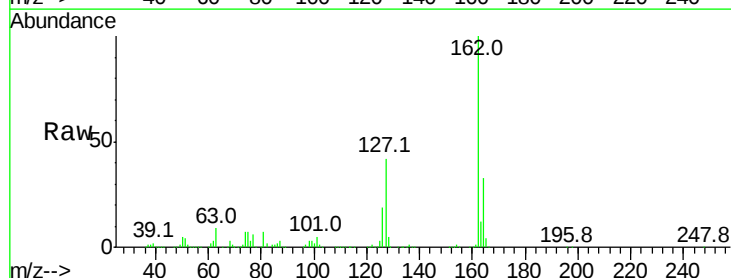
Tgt Ion:162 Resp: 611727

Ion Ratio Lower Upper

162 100

127 42.3 28.3 42.5

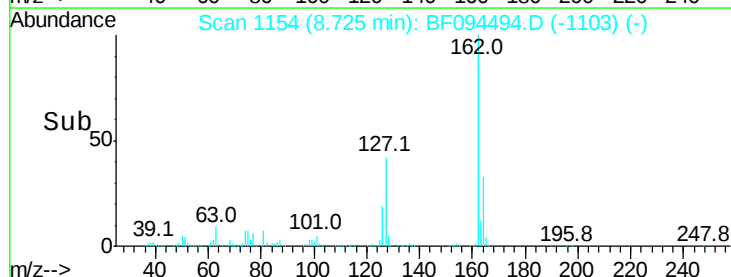
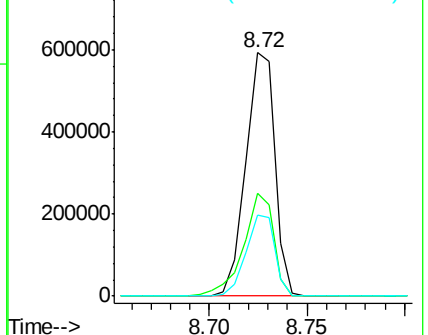
164 33.3 27.0 40.4

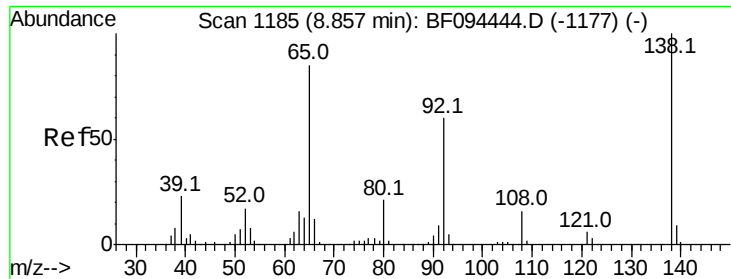


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

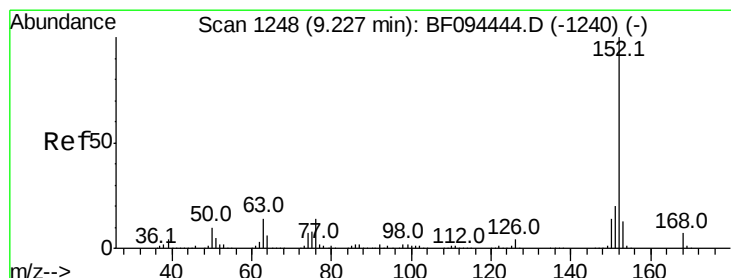
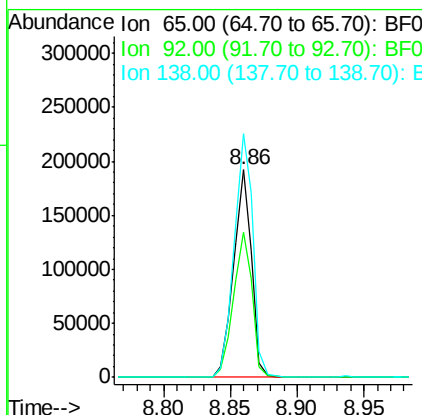
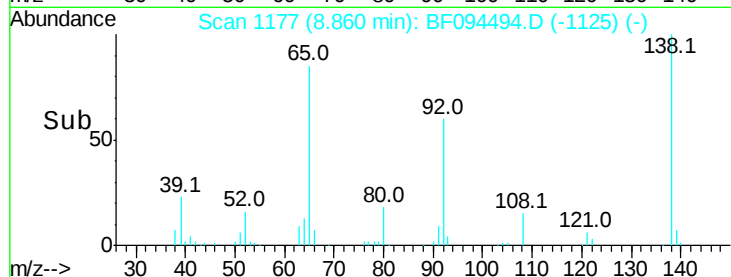
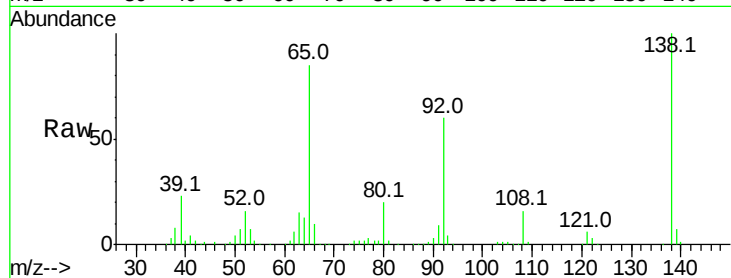




#47
 2-Nitroaniline
 Concen: 43.27 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

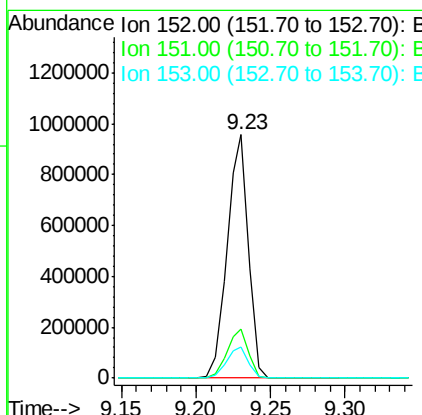
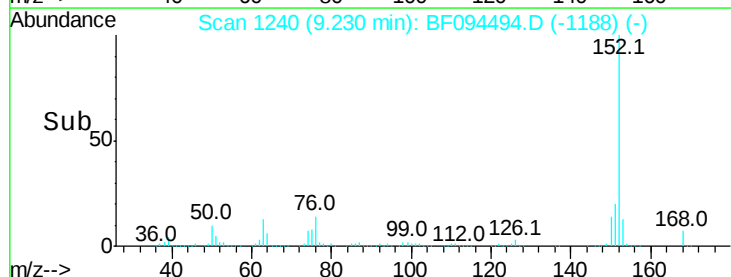
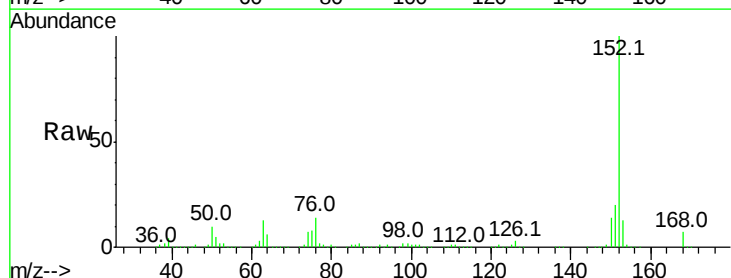
Instrument :
 BNA_F
 ClientSampleId :

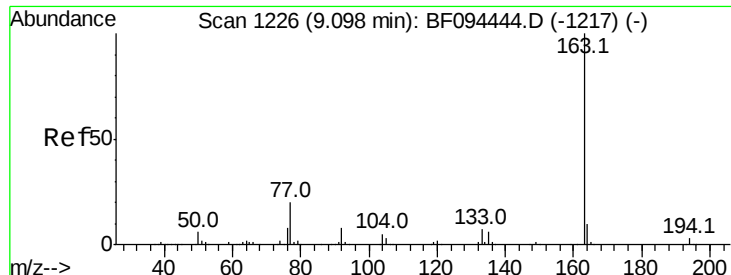
Tot Ion	Ratio	Lower	Upper
65	100		
92	70.0	53.9	80.9
138	117.2	78.8	118.2



#48
 Acenaphthylene
 Concen: 41.65 ng
 RT: 9.23 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.0	10.8	16.2

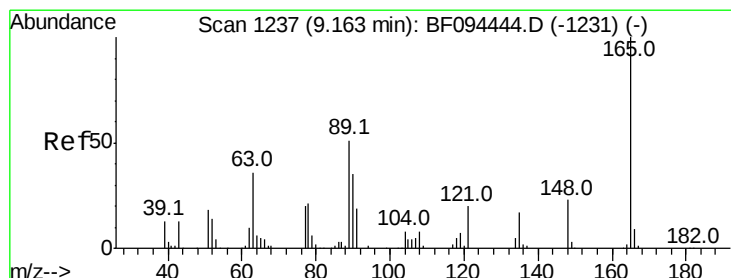
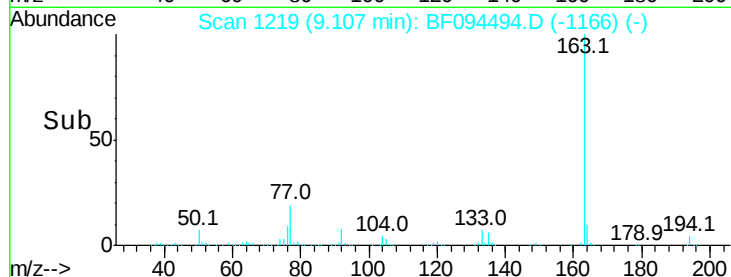
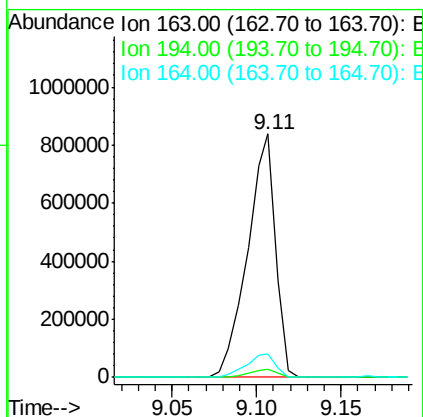
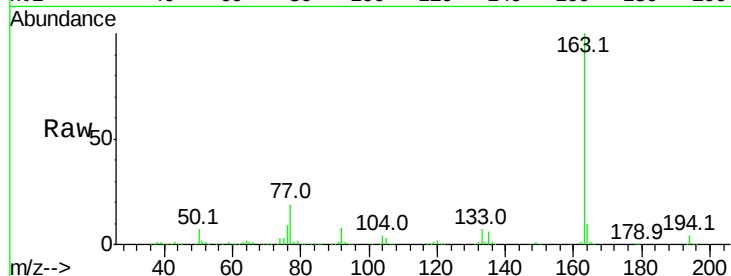




#49
Dimethylphthalate
Concen: 57.32 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

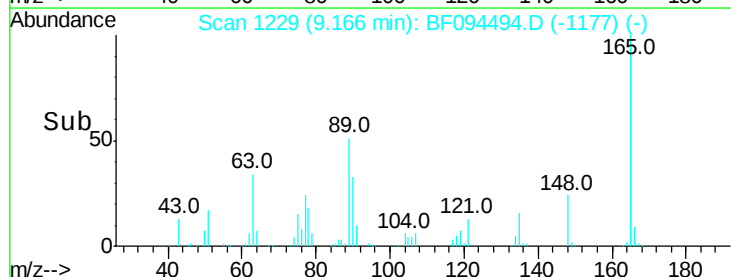
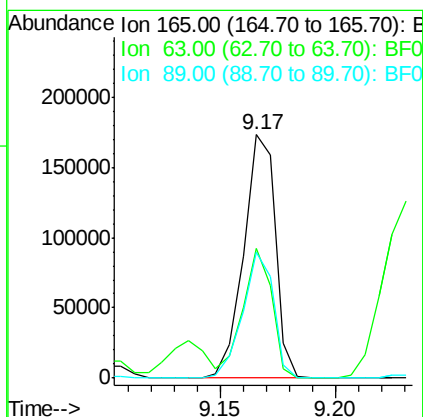
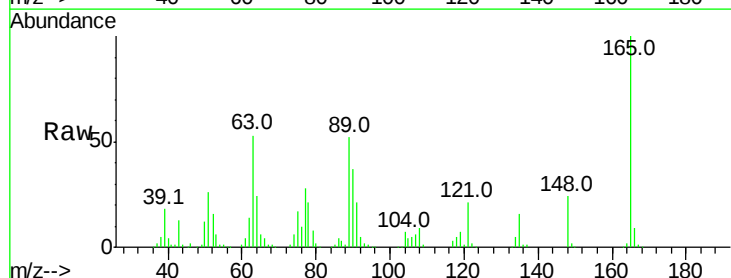
Instrument :
BNA_F
ClientSampled :

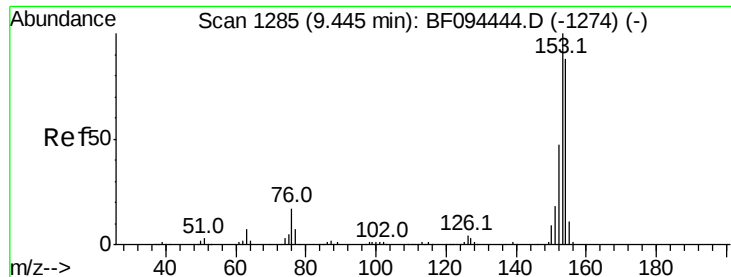
Tot Ion:163 Resp: 967551
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.9 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 43.98 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion:165 Resp: 166652
Ion Ratio Lower Upper
165 100
63 53.1 34.3 51.5#
89 51.8 37.1 55.7

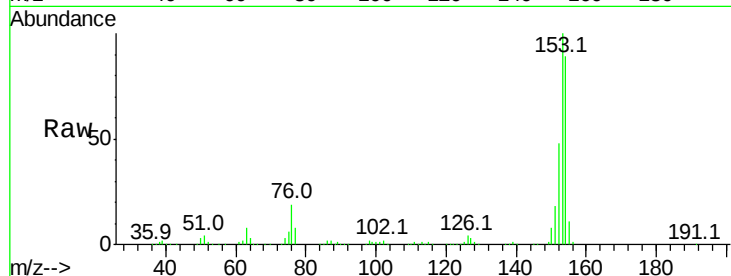




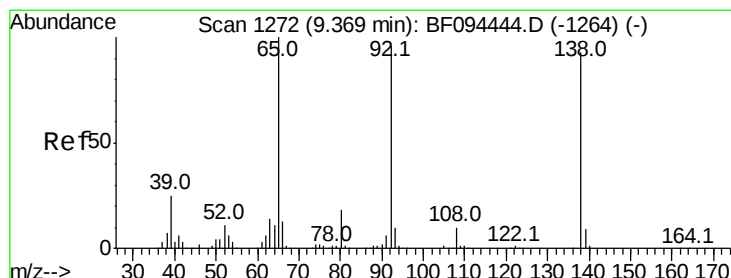
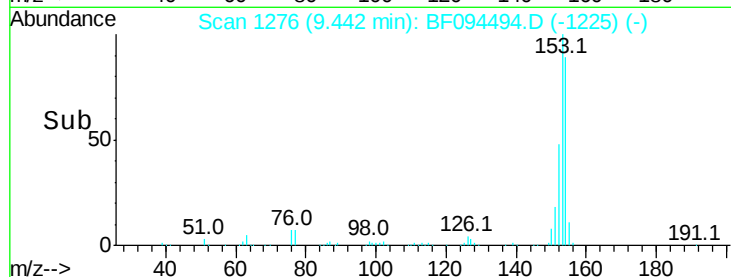
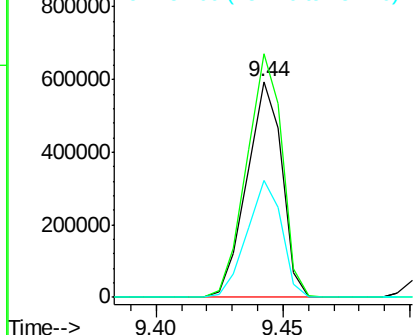
#51
Acenaphthene
Concen: 41.80 ng
RT: 9.44 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 574343
Ion Ratio Lower Upper
154 100
153 112.8 90.5 135.7
152 54.3 43.6 65.4

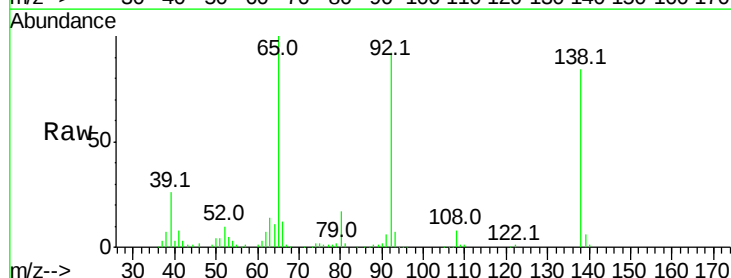


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

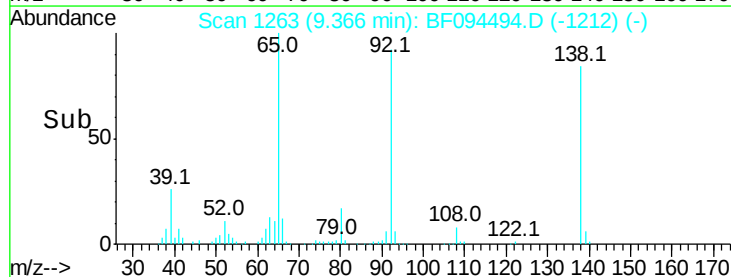
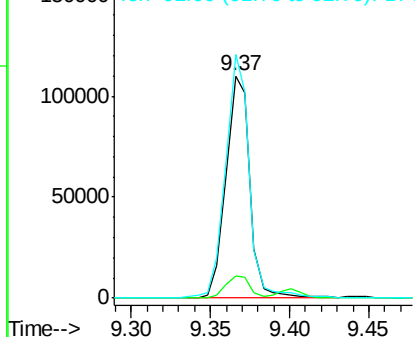


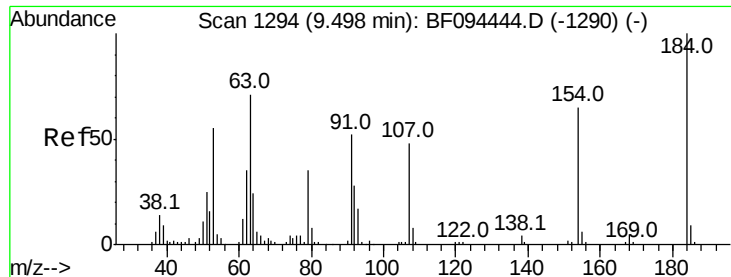
#52
3-Nitroaniline
Concen: 26.21 ng
RT: 9.37 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion:138 Resp: 114916
Ion Ratio Lower Upper
138 100
108 9.9 9.1 13.7
92 109.7 93.8 140.6



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

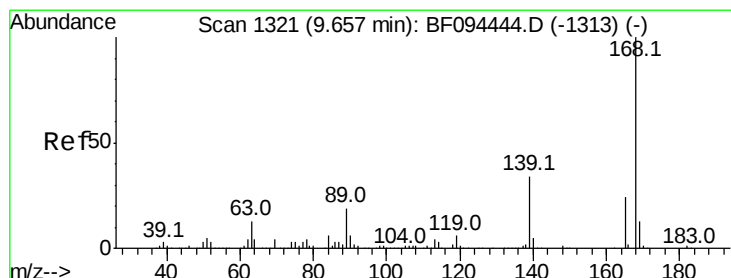
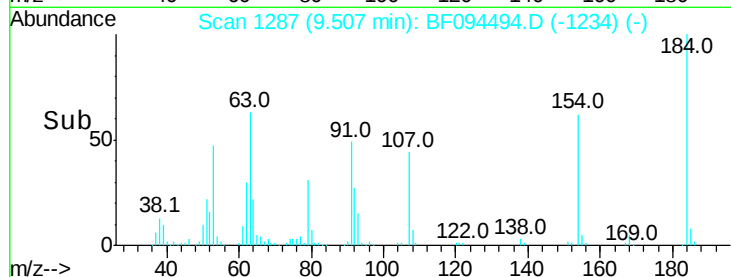
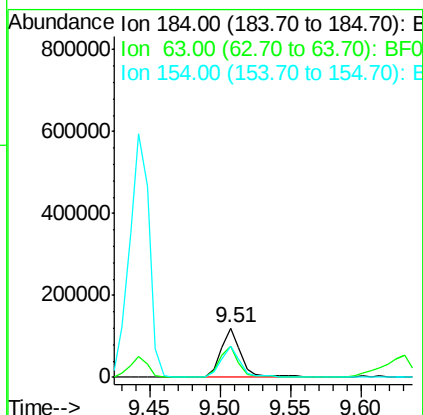
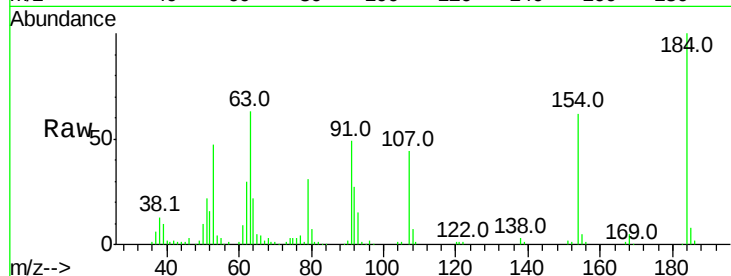




#53
 2,4-Dinitrophenol
 Concen: 60.49 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

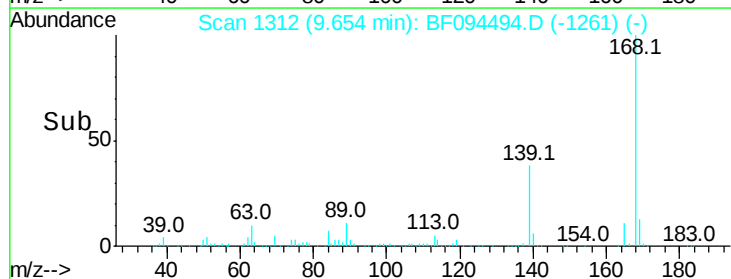
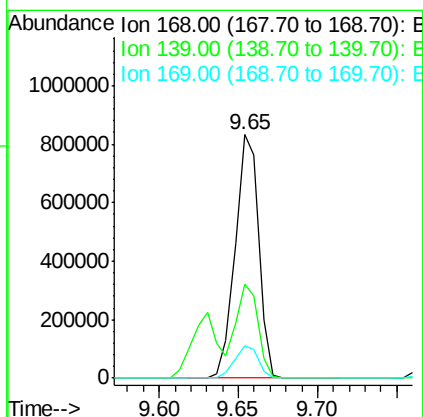
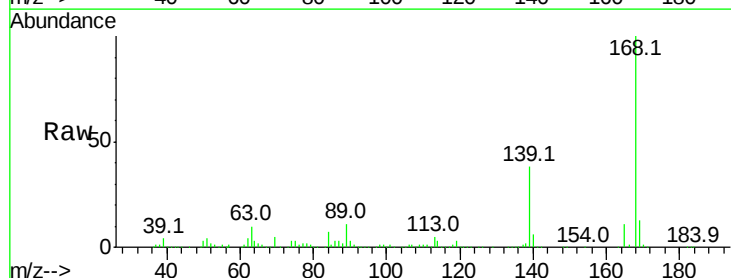
Instrument :
 BNA_F
 ClientSampleId :

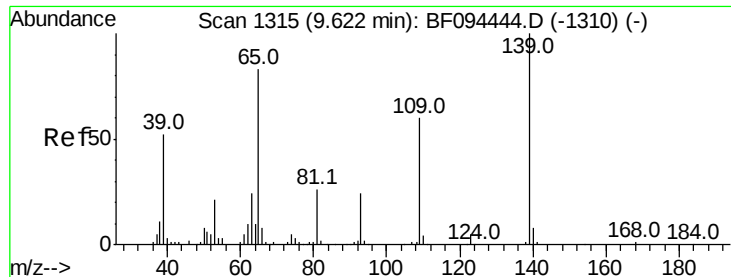
Tot Ion:184 Resp: 121259
 Ion Ratio Lower Upper
 184 100
 63 63.1 62.7 94.1
 154 62.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.65 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion:168 Resp: 851735
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.6 45.8
 169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 82.80 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

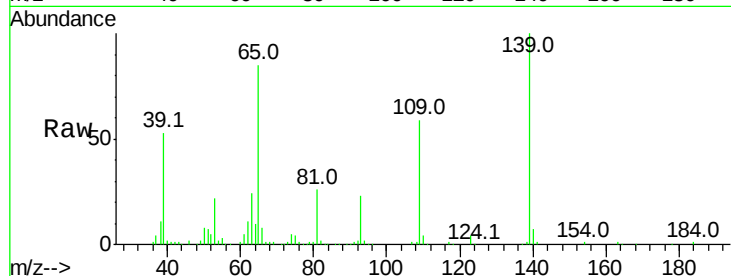
Tot Ion:139 Resp: 256416

Ion Ratio Lower Upper

139 100

109 58.8 34.1 74.1

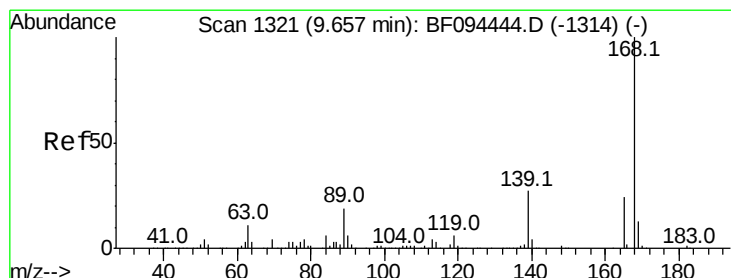
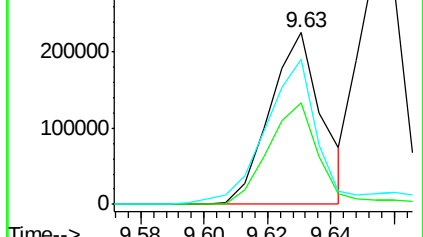
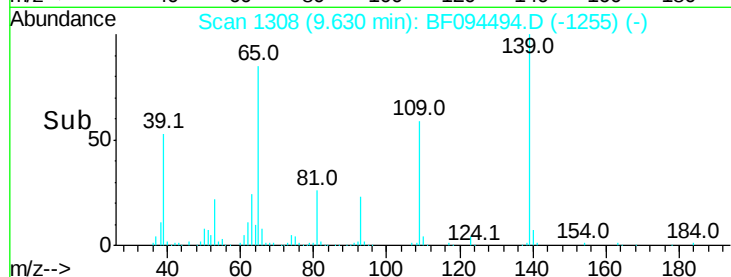
65 84.6 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.13 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Tgt Ion:165 Resp: 209794

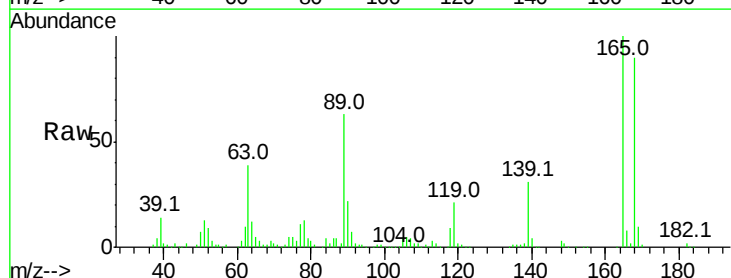
Ion Ratio Lower Upper

165 100

63 39.3 25.4 38.0#

89 62.7 46.4 69.6

182 2.2 1.8 2.6

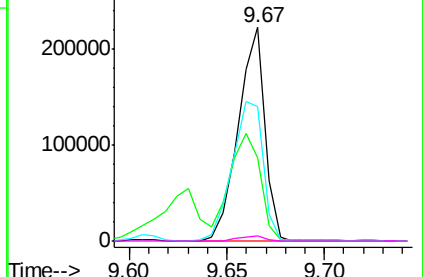
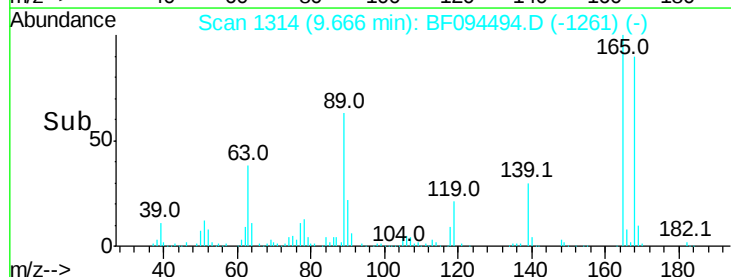


Abundance Ion 165.00 (164.70 to 165.70): E

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

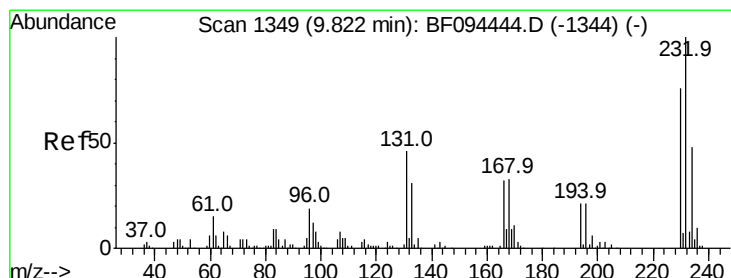
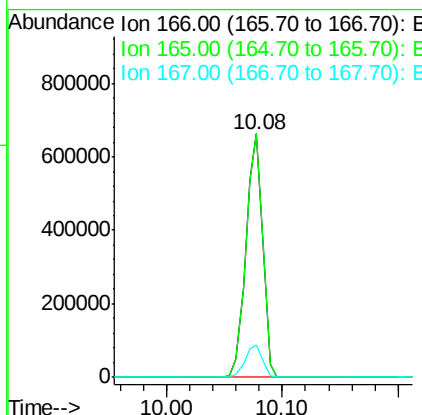
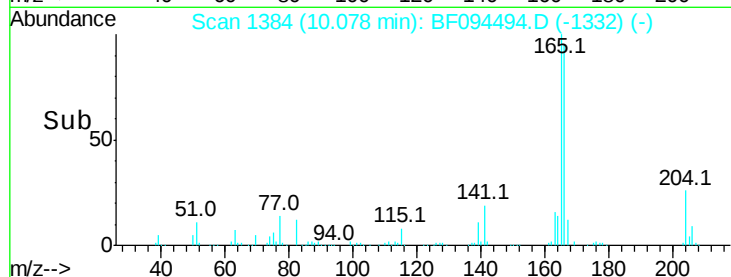
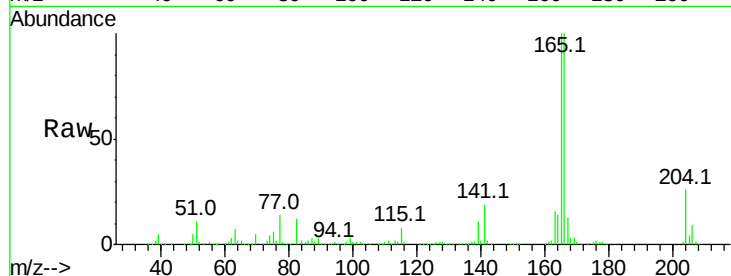




#57
 Fluorene
 Concen: 42.21 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

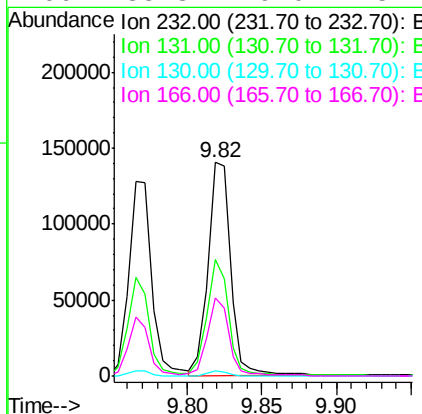
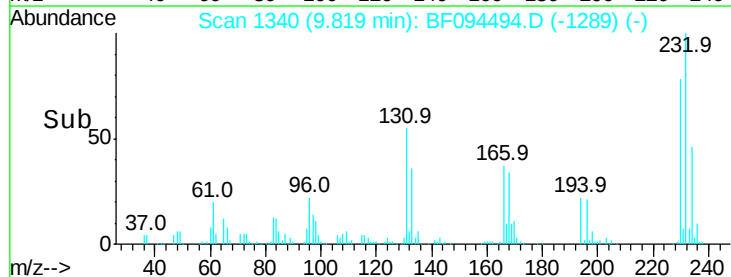
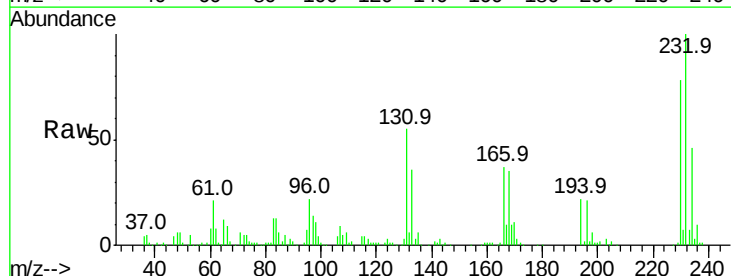
Instrument :
 BNA_F
 ClientSampleId :

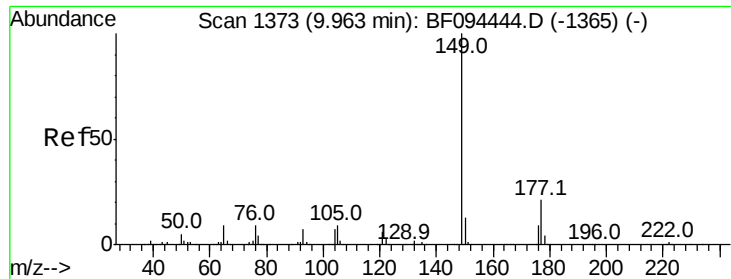
Tot Ion:166 Resp: 656359
 Ion Ratio Lower Upper
 166 100
 165 99.8 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.04 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion:232 Resp: 146825
 Ion Ratio Lower Upper
 232 100
 131 52.6 44.8 67.2
 130 2.3 2.3 3.5
 166 35.3 29.0 43.4

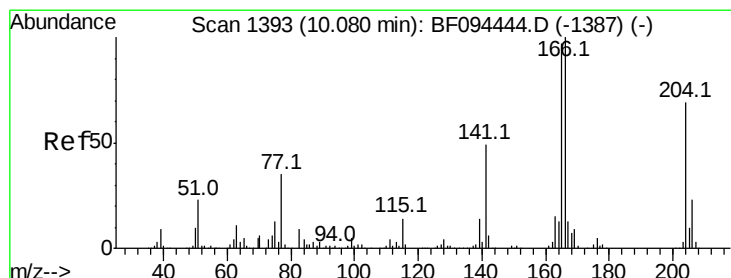
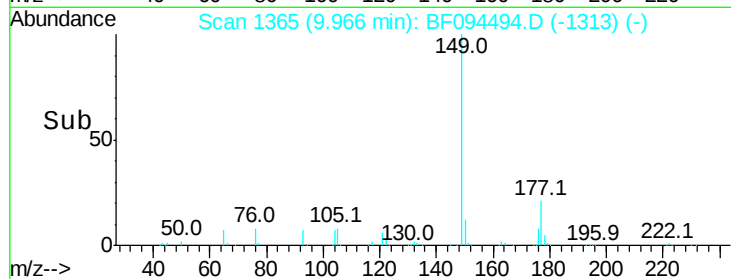
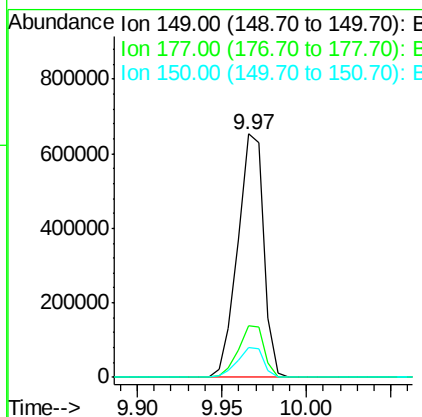
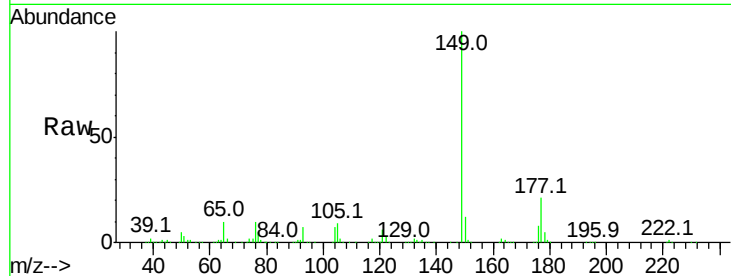




#59
 Diethylphthalate
 Concen: 43.91 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

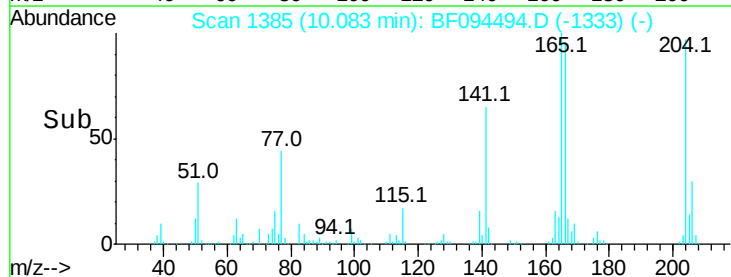
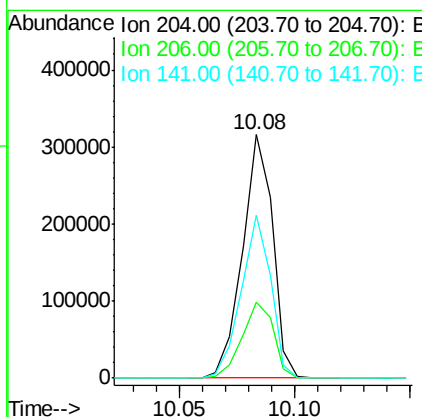
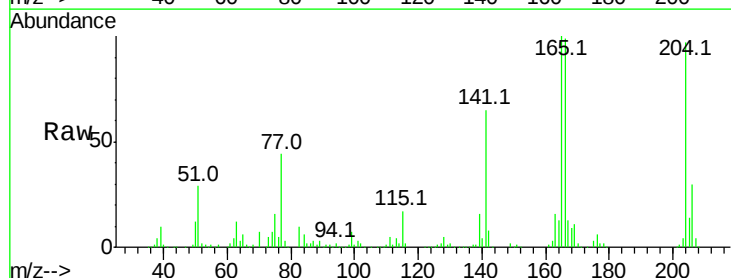
Instrument :
 BNA_F
 ClientSampleId :

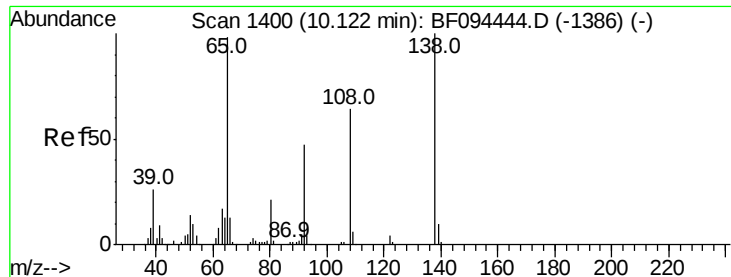
Tot Ion:149 Resp: 699378
 Ion Ratio Lower Upper
 149 100
 177 21.2 16.7 25.1
 150 12.3 10.2 15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 44.84 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion:204 Resp: 290167
 Ion Ratio Lower Upper
 204 100
 206 31.2 26.2 39.2
 141 67.0 60.8 91.2

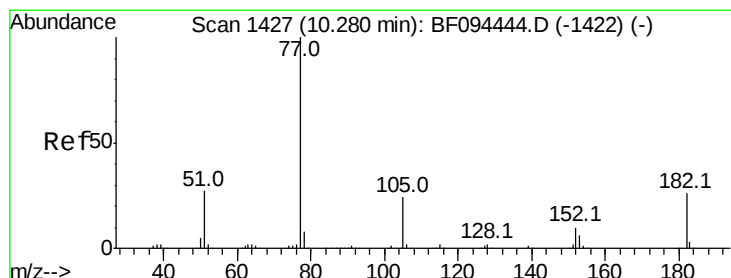
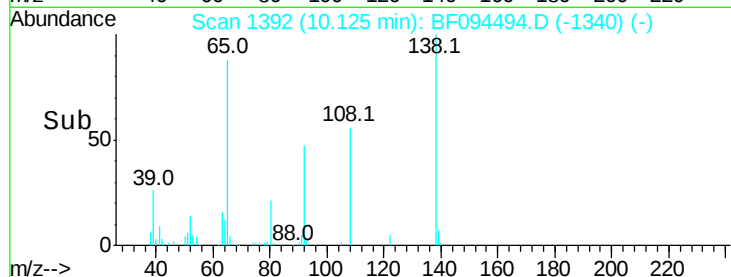
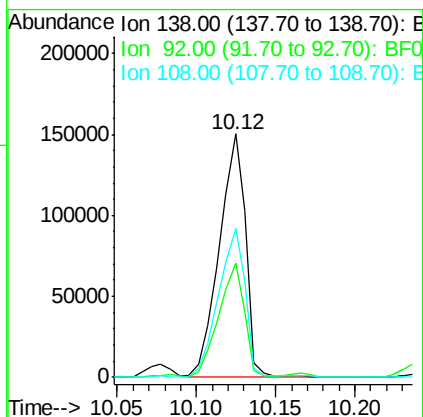
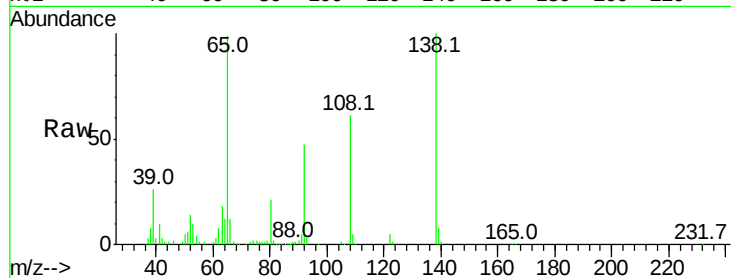




#61
4-Nitroaniline
Concen: 38.92 ng
RT: 10.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

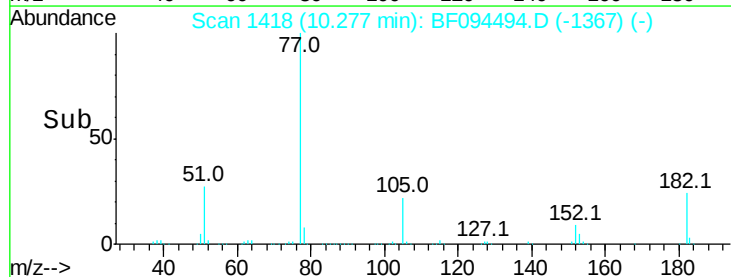
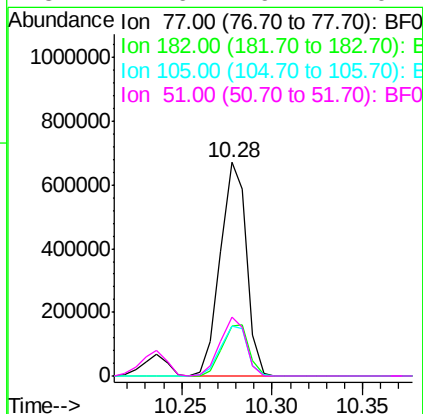
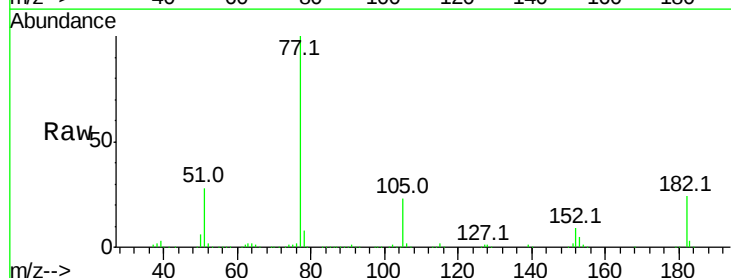
Instrument :
BNA_F
ClientSampleId :

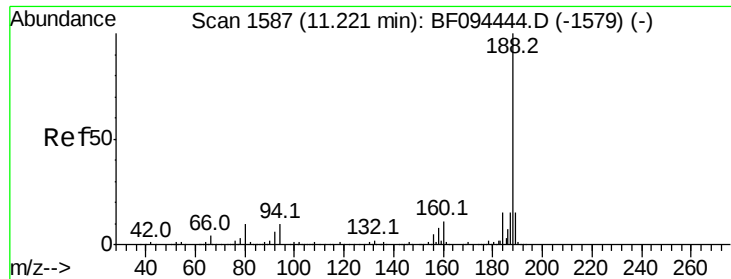
Tot Ion:138 Resp: 173456
Ion Ratio Lower Upper
138 100
92 46.9 21.8 61.8
108 61.3 42.3 82.3



#62
Azobenzene
Concen: 43.56 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion: 77 Resp: 673569
Ion Ratio Lower Upper
77 100
182 23.6 0.1 40.1
105 23.5 3.6 43.6
51 27.6 9.4 49.4

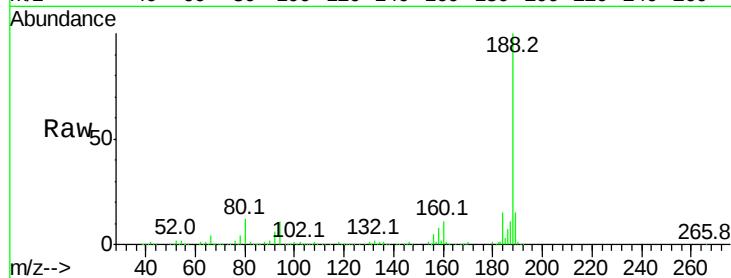




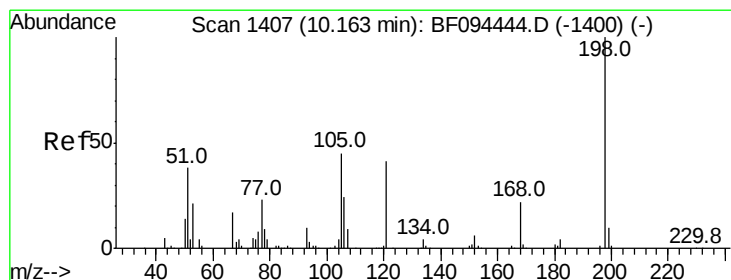
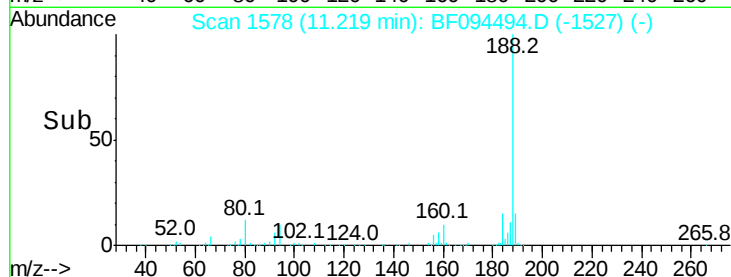
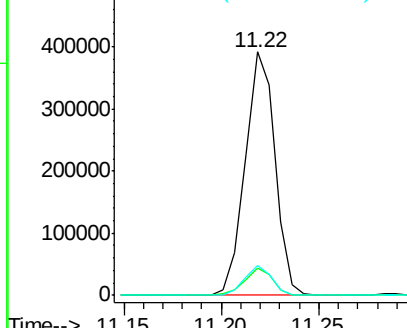
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 414381
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 12.3 10.2 15.2

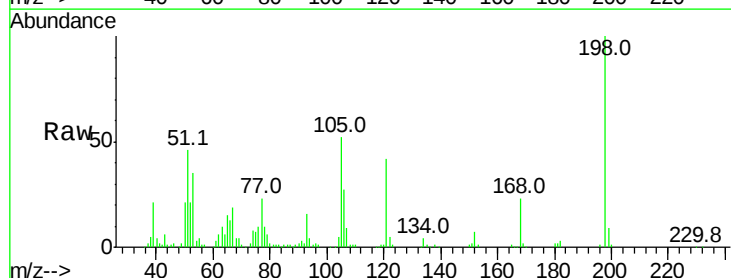


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

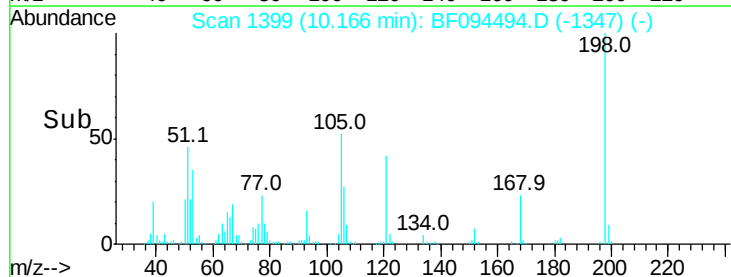
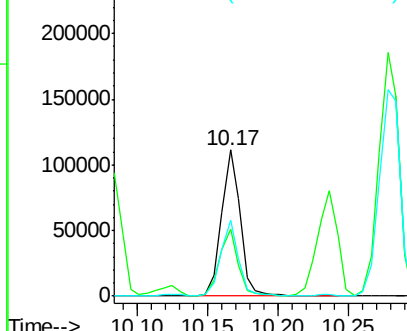


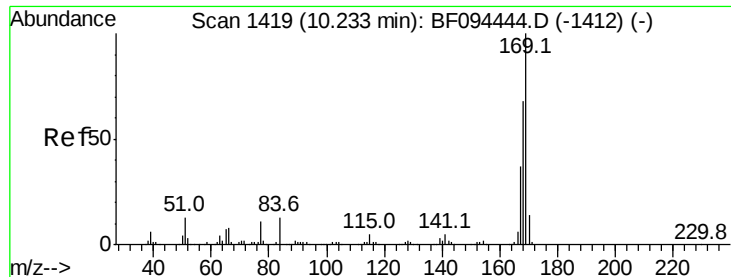
#64
4,6-Dinitro-2-methylphenol
Concen: 37.94 ng
RT: 10.17 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion:198 Resp: 103014
Ion Ratio Lower Upper
198 100
51 45.9 53.2 93.2#
105 51.7 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

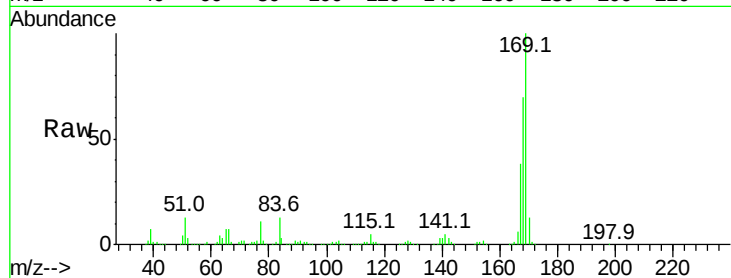




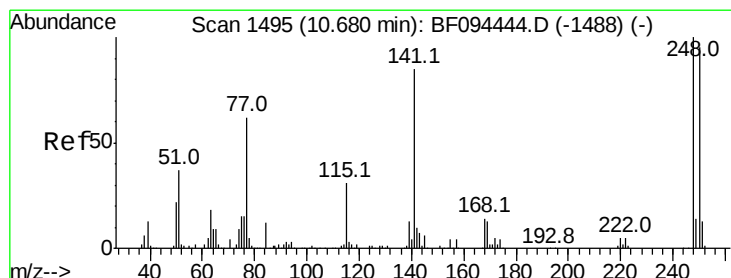
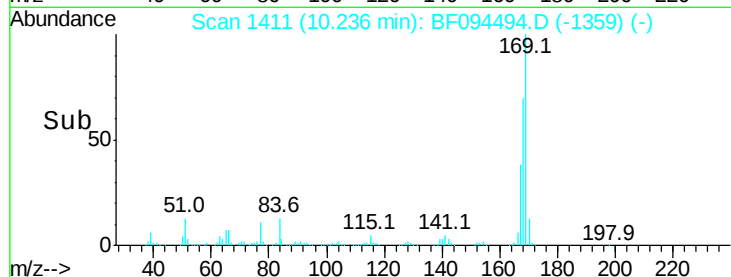
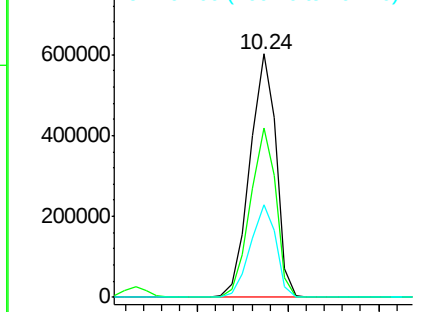
#65
n-Nitrosodiphenylamine
Concen: 41.89 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 603717
Ion Ratio Lower Upper
169 100
168 69.7 53.2 79.8
167 38.2 29.5 44.3

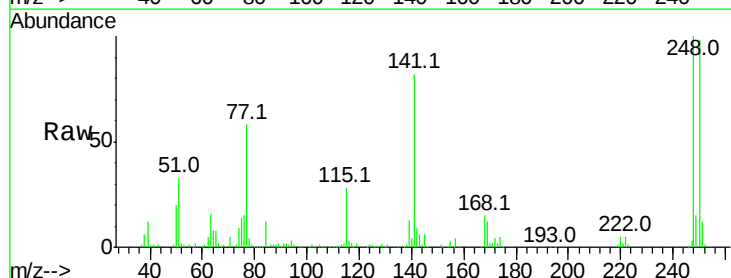


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

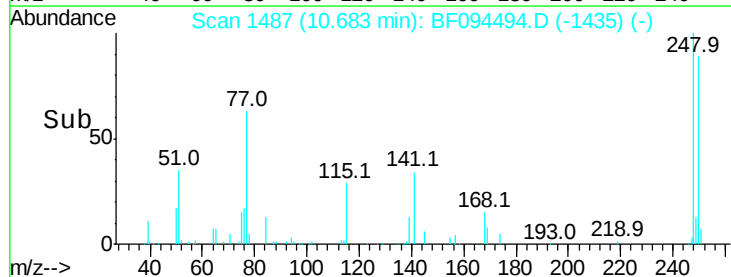
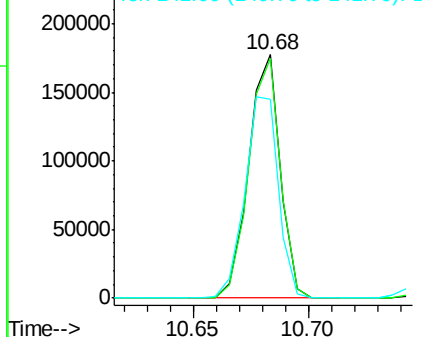


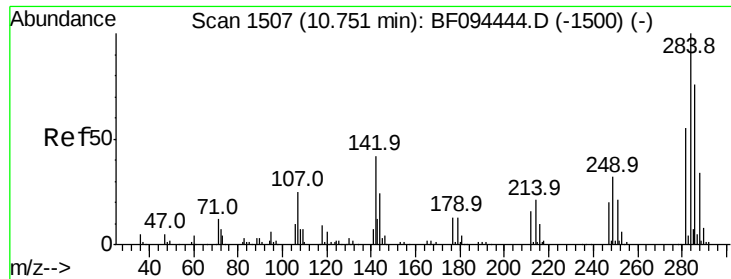
#66
4-Bromophenyl-phenylether
Concen: 41.16 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion:248 Resp: 169359
Ion Ratio Lower Upper
248 100
250 98.4 76.8 115.2
141 81.8 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

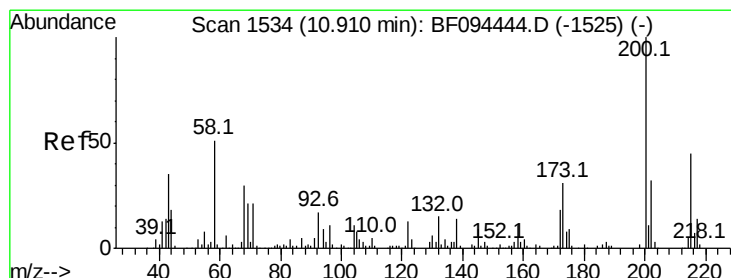
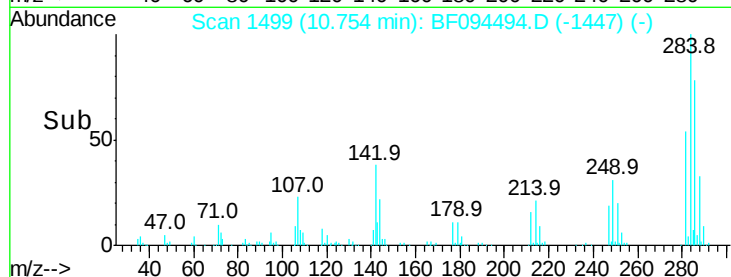
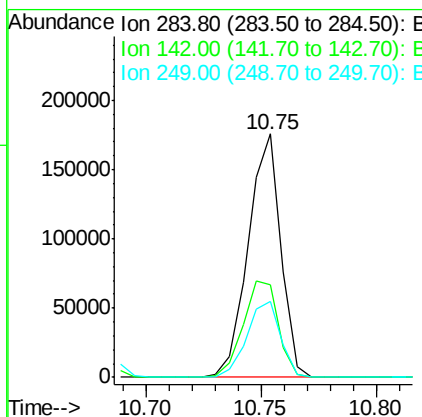
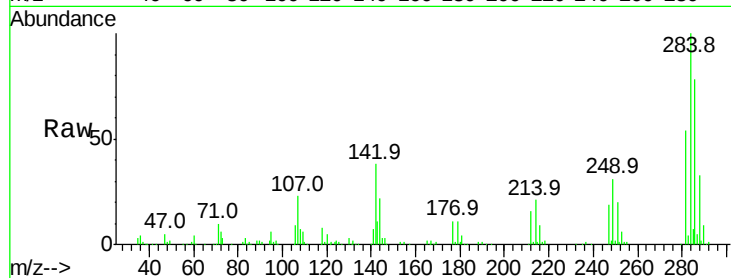




#67
Hexachlorobenzene
Concen: 41.76 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

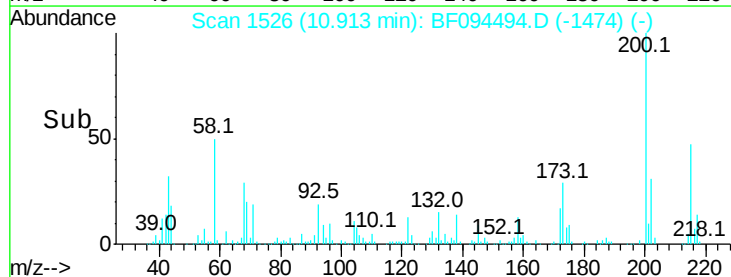
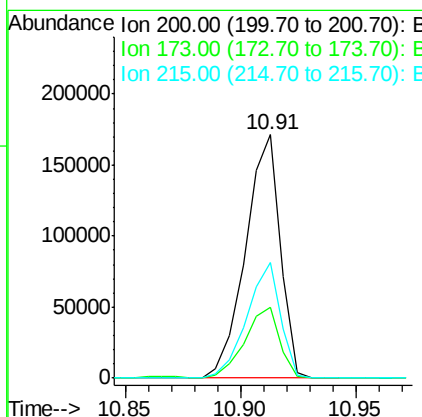
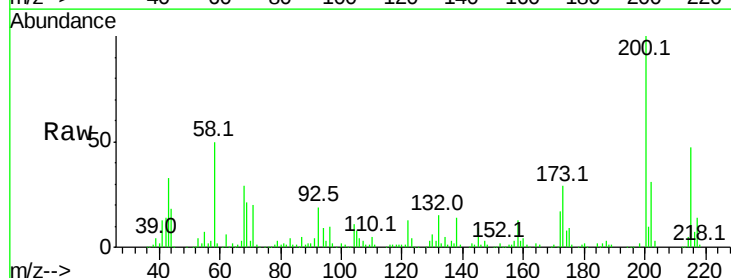
Instrument :
BNA_F
ClientSampleId :

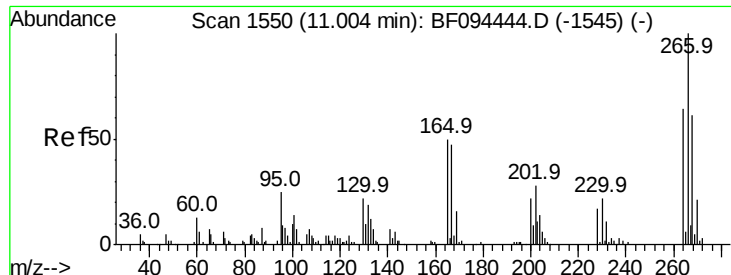
Tot Ion:284 Resp: 173174
Ion Ratio Lower Upper
284 100
142 37.9 22.8 34.2#
249 31.4 24.0 36.0



#68
Atrazine
Concen: 41.73 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion:200 Resp: 179908
Ion Ratio Lower Upper
200 100
173 29.1 6.3 46.3
215 47.3 27.2 67.2

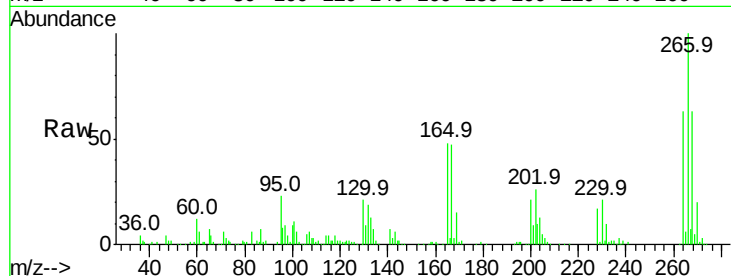




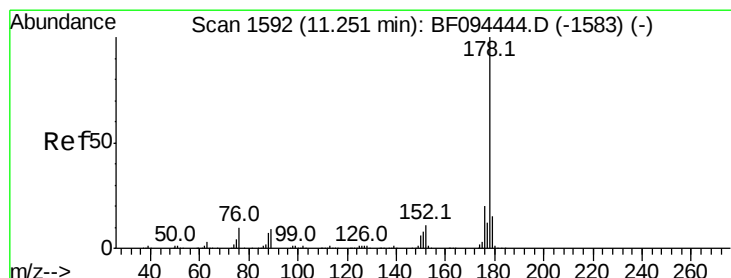
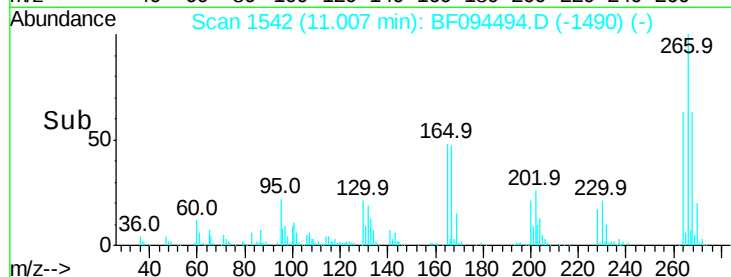
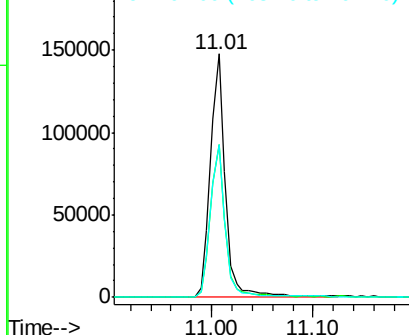
#69
 Pentachlorophenol
 Concen: 93.65 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 154195
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 62.7 51.7 77.5

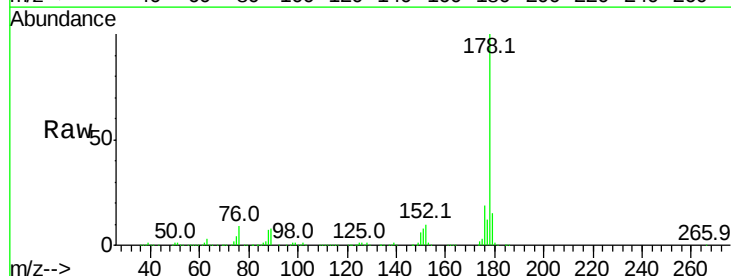


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

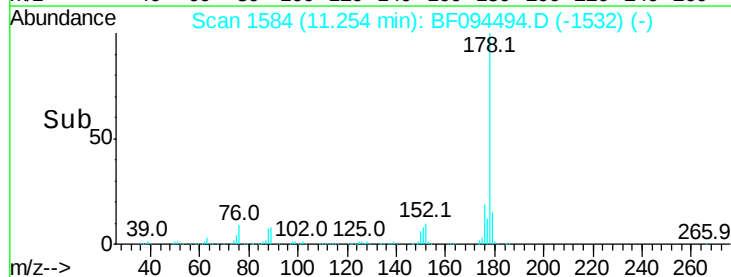
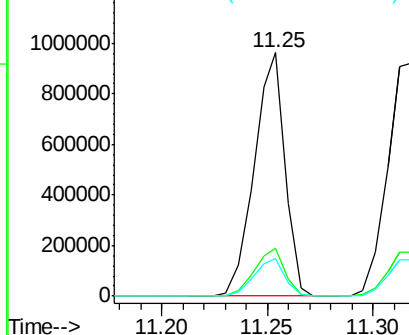


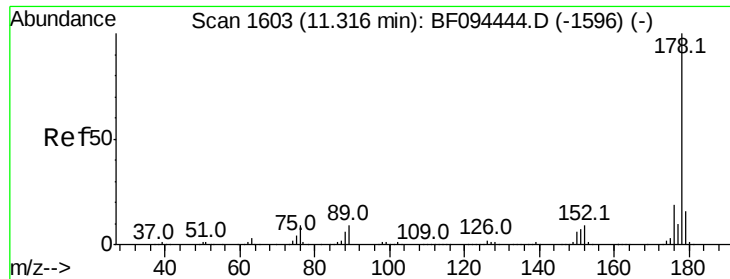
#70
 Phenanthrene
 Concen: 41.59 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion:178 Resp: 970404
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.2 12.6 19.0



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

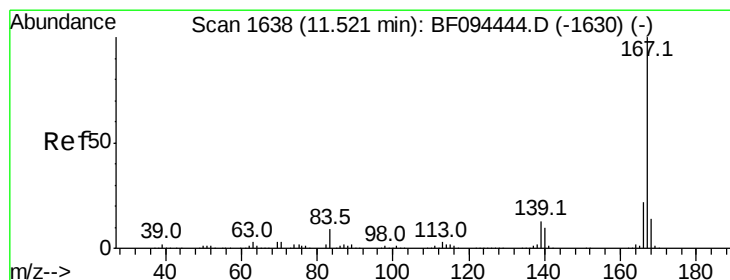
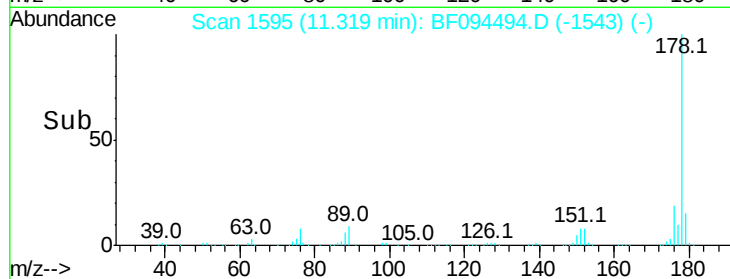
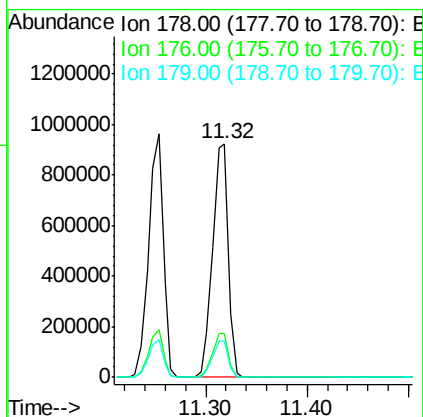
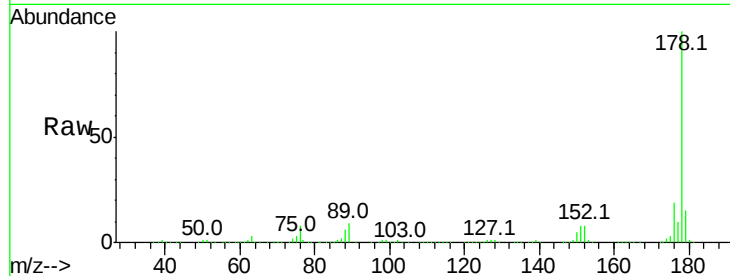




#71
 Anthracene
 Concen: 41.26 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

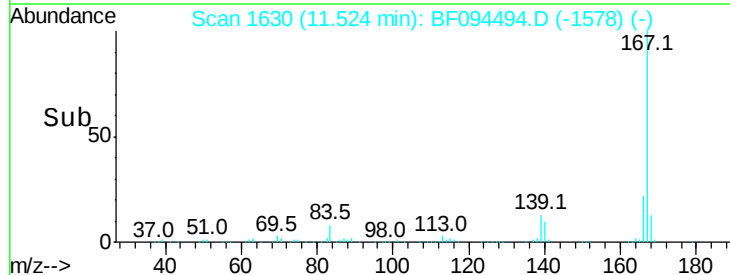
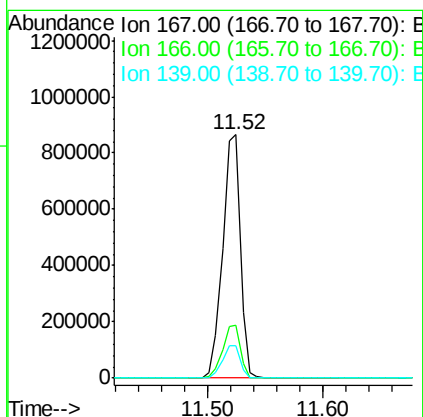
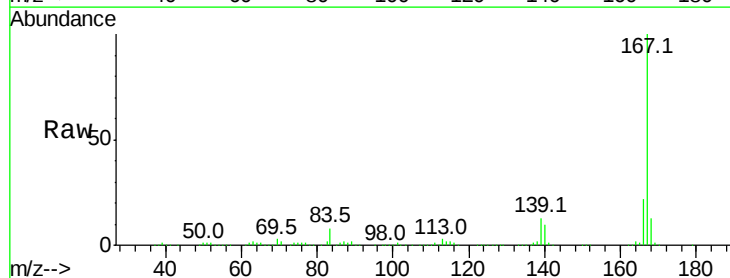
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 995882
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 40.82 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion:167 Resp: 924812
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.13 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

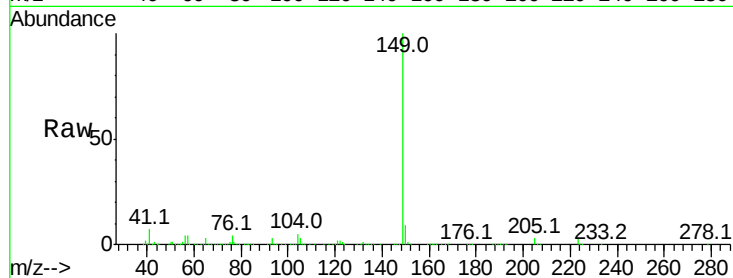
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1125750

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.6	4.0	6.0

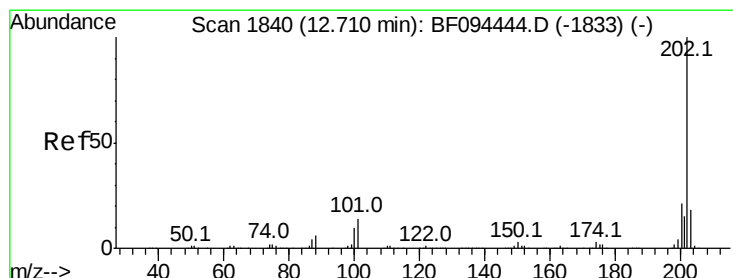
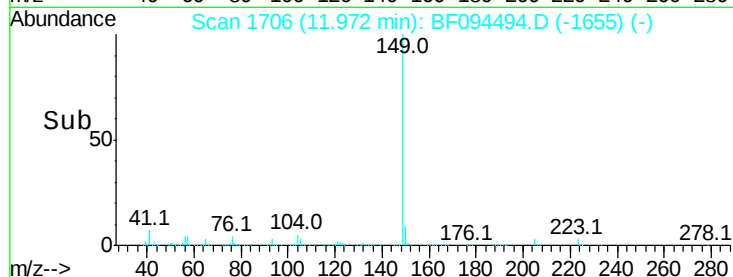
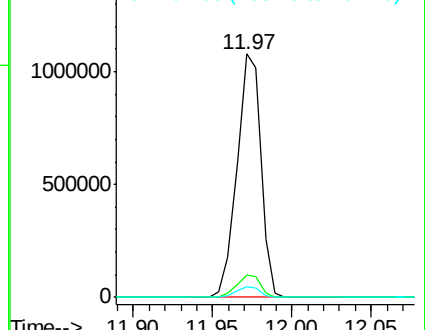


Abundance

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: 40.34 ng

RT: 12.71 min Scan# 1832

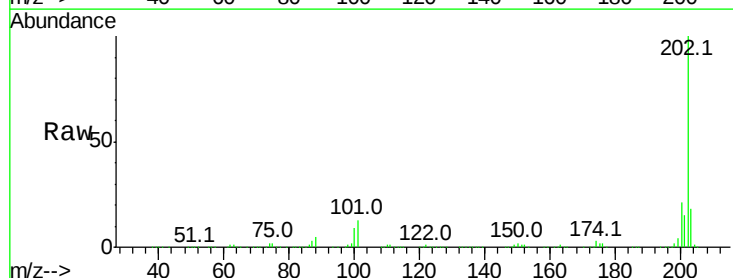
Delta R.T. 0.00 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Tgt Ion:202 Resp: 975513

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.5	0.0	38.1

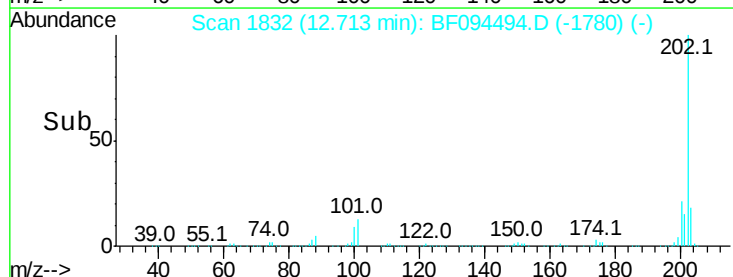
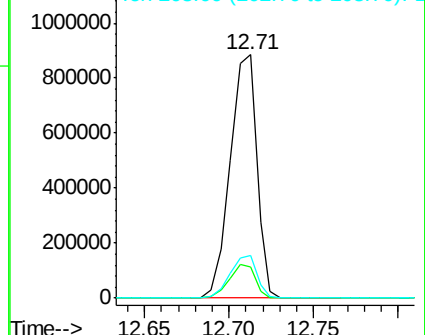


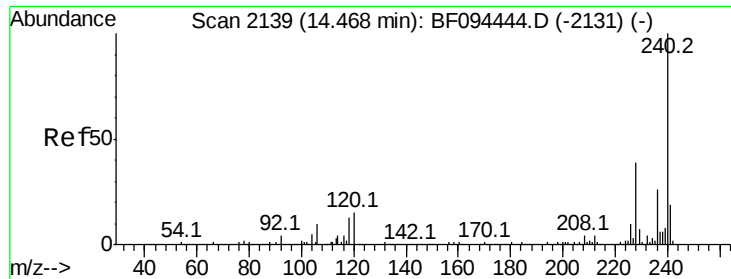
Abundance

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

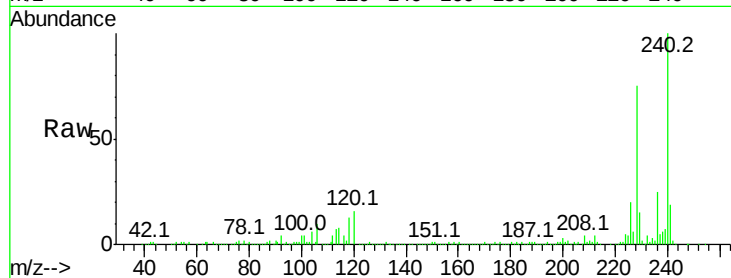




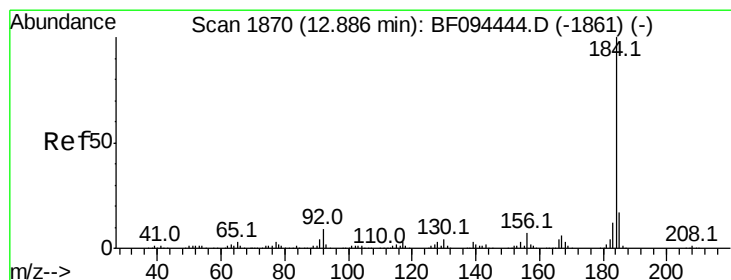
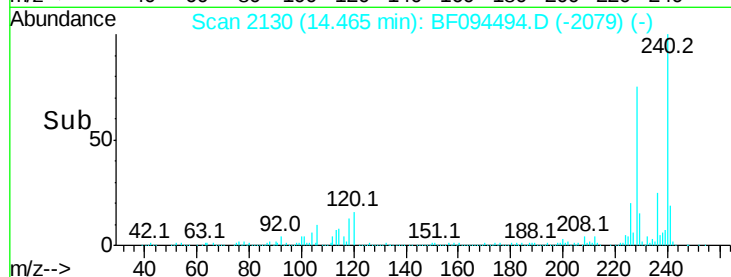
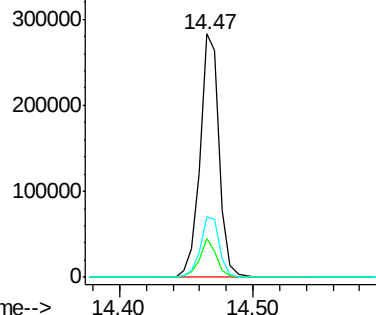
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 285694
 Ion Ratio Lower Upper
 240 100
 120 16.2 5.8 8.8#
 236 24.9 20.5 30.7

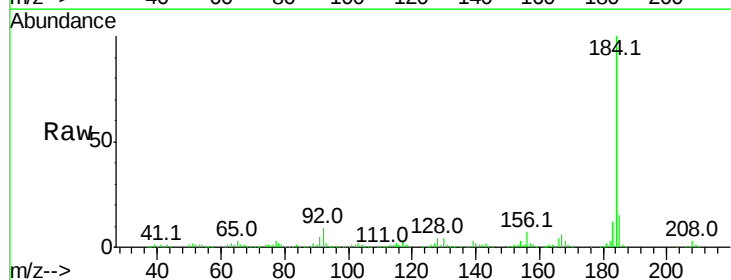


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

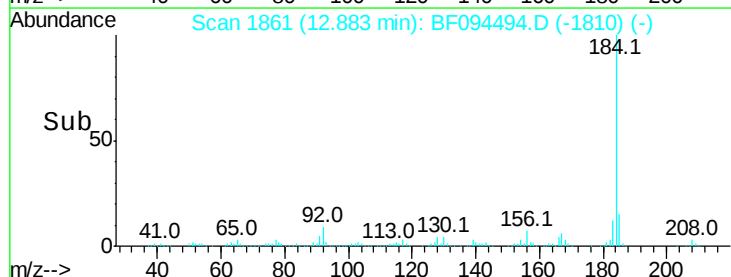
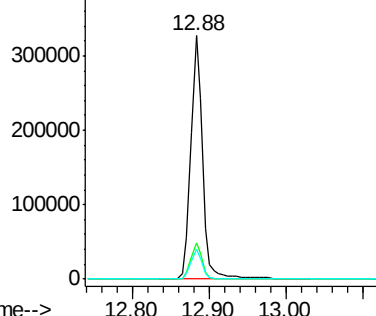


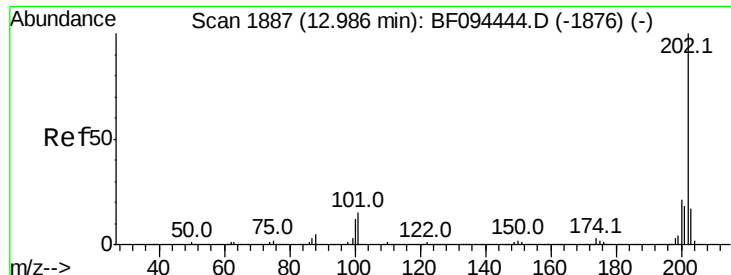
#76
 Benzidine
 Concen: 29.84 ng
 RT: 12.88 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion:184 Resp: 345151
 Ion Ratio Lower Upper
 184 100
 185 15.0 15.5 23.3#
 183 12.4 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

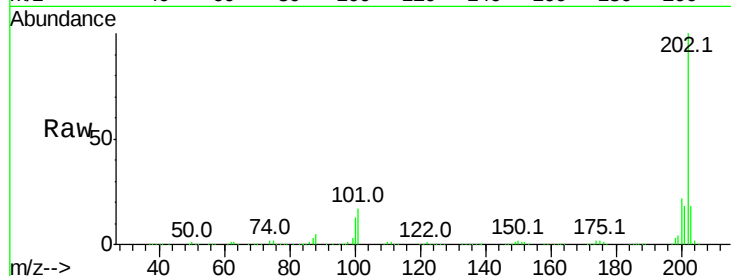




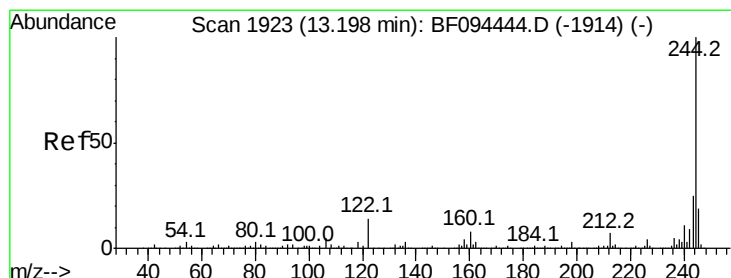
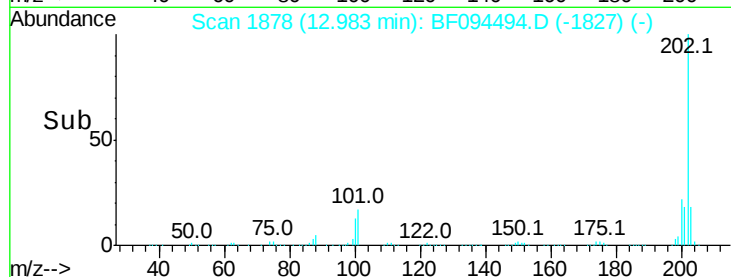
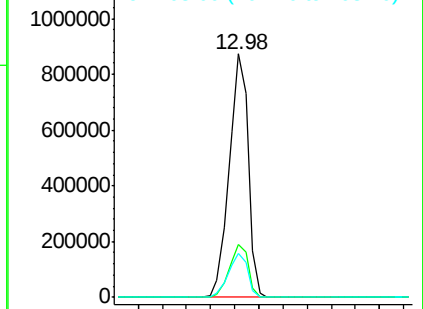
#77
Pvrene
Concen: 47.94 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 956847
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 18.1 14.4 21.6

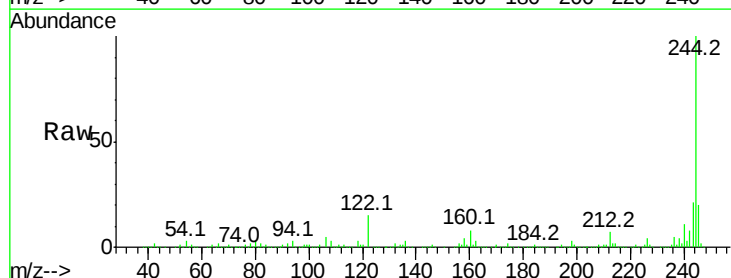


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

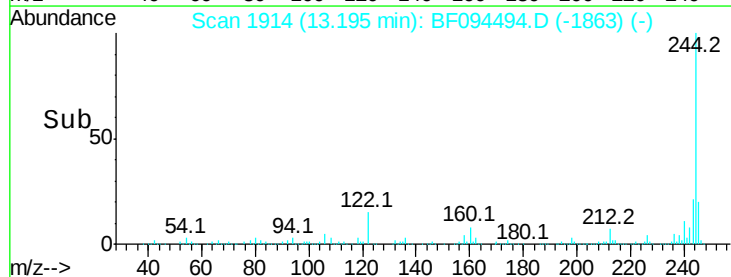
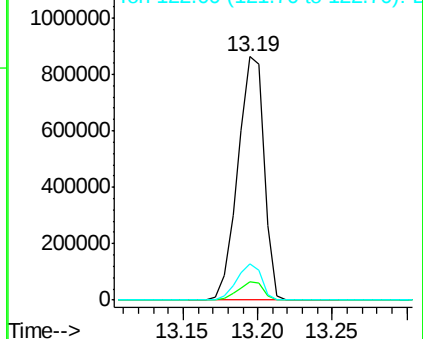


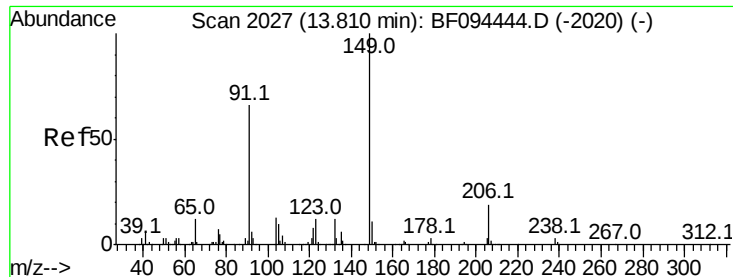
#78
Terphenyl-d14
Concen: 98.86 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion:244 Resp: 1056623
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 14.7 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

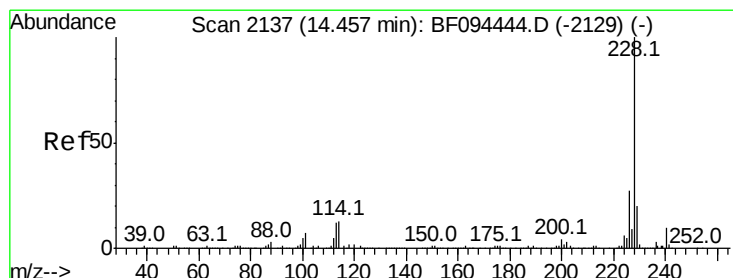
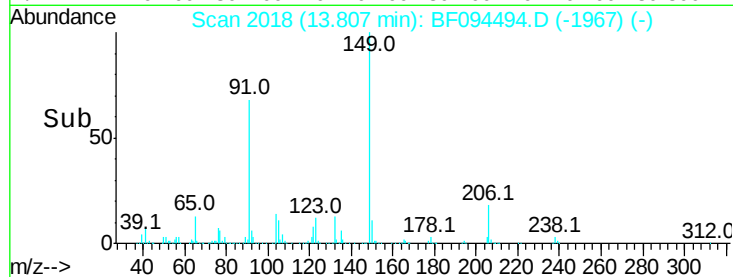
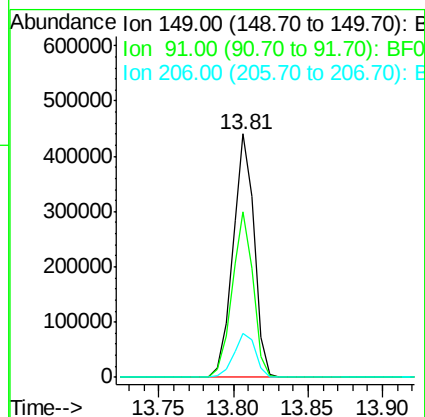
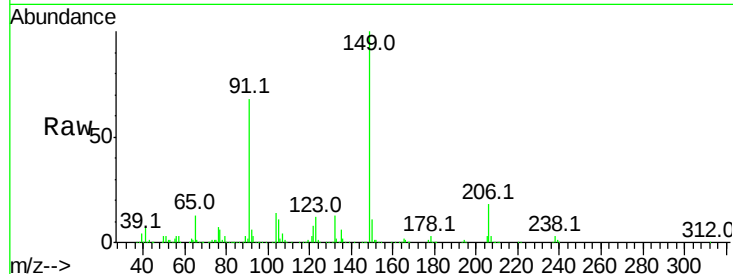




#79
Butylbenzylphthalate
Concen: 50.53 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

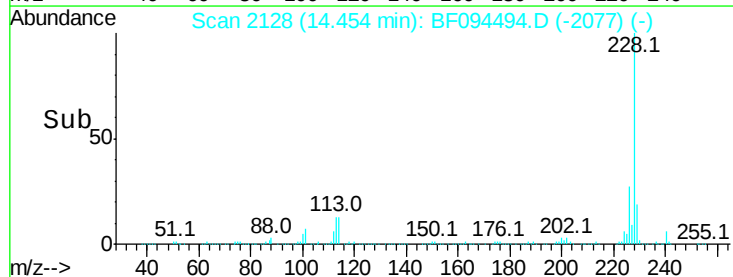
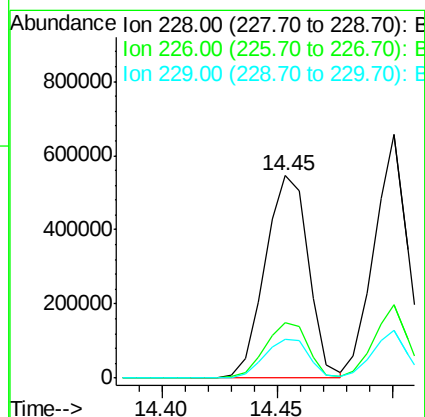
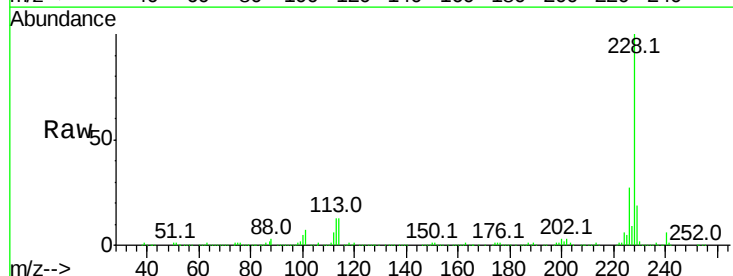
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 442044
Ion Ratio Lower Upper
149 100
91 68.0 45.0 67.4#
206 18.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 42.68 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion:228 Resp: 708689
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.4 16.3 24.5

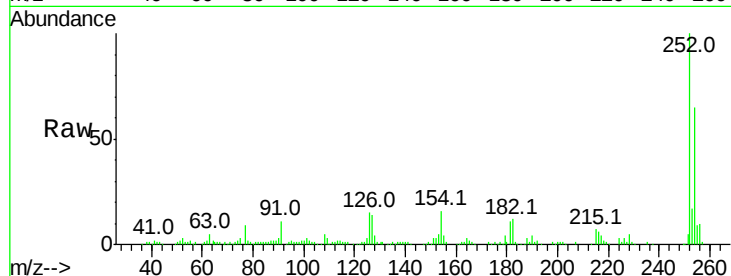




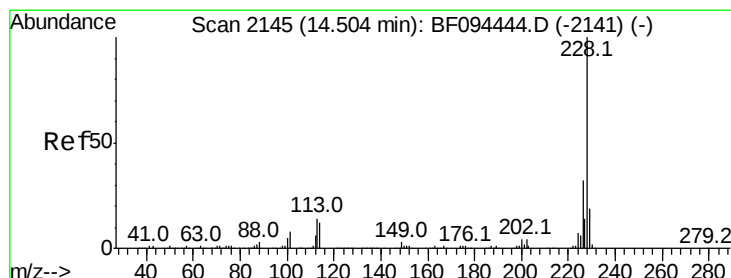
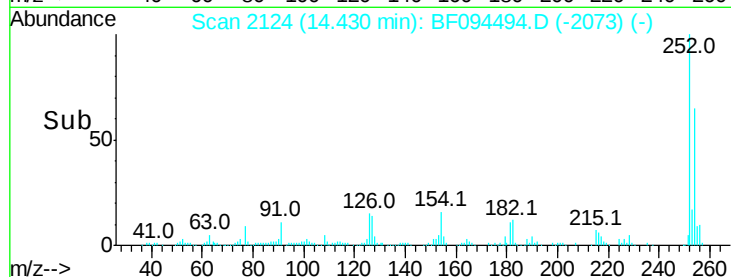
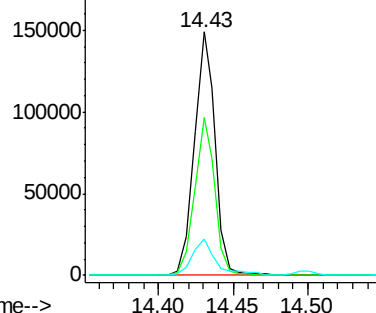
#81
 3,3'-Dichlorobenzidine
 Concen: 25.02 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 147083
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.5 77.3
 126 15.0 15.8 23.8#

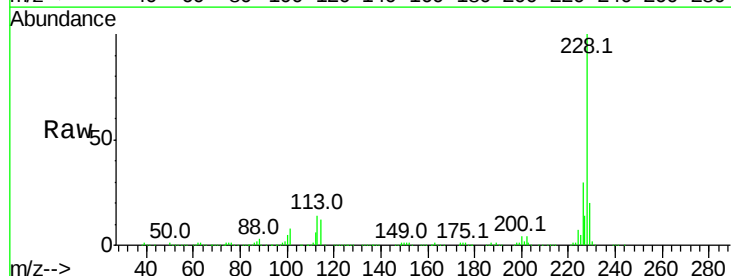


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

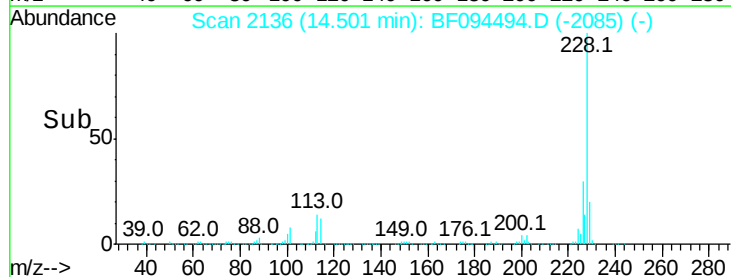
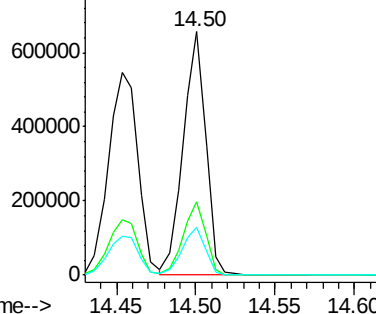


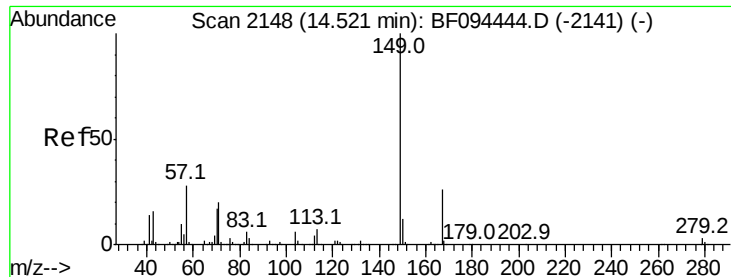
#82
 Chrysene
 Concen: 42.82 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094494.D
 Acq: 18 Apr 2017 18:53

Tgt Ion:228 Resp: 649812
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.8 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: 50.34 ng

RT: 14.52 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

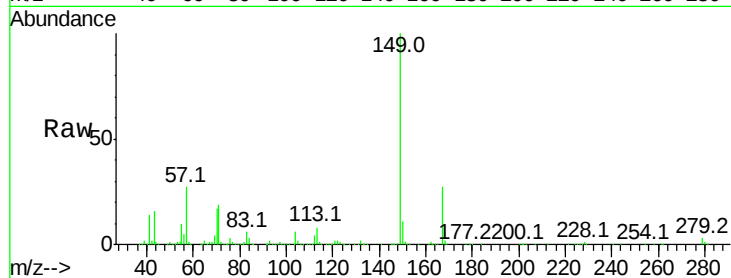
Tot Ion:149 Resp: 591293

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

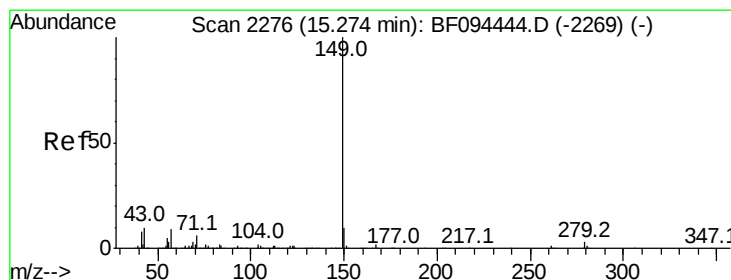
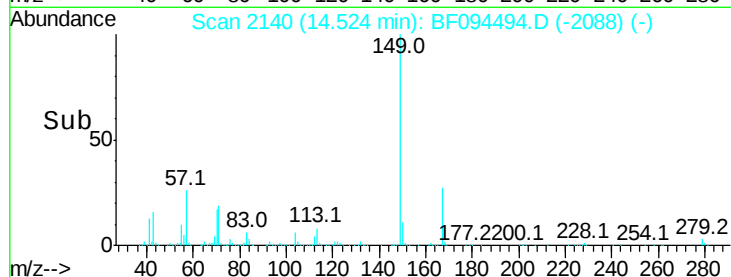
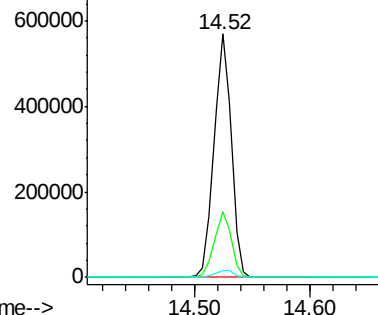
279 3.0 1.9 2.9#



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: 47.50 ng

RT: 15.28 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

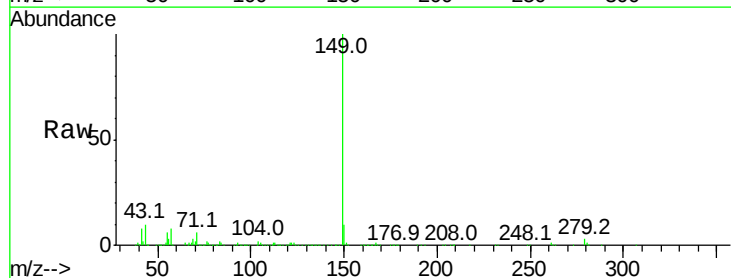
Tgt Ion:149 Resp: 935890

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

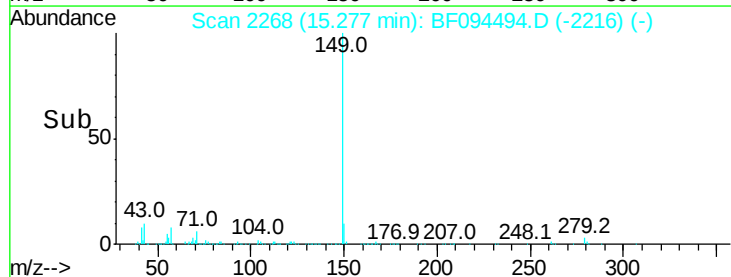
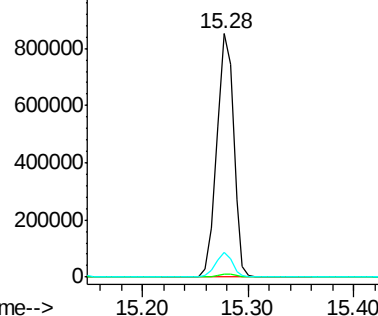
43 9.4 8.5 12.7

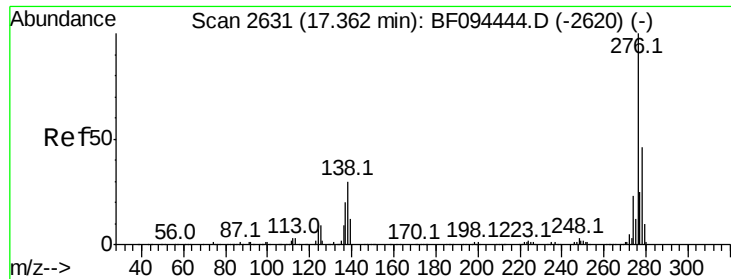


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

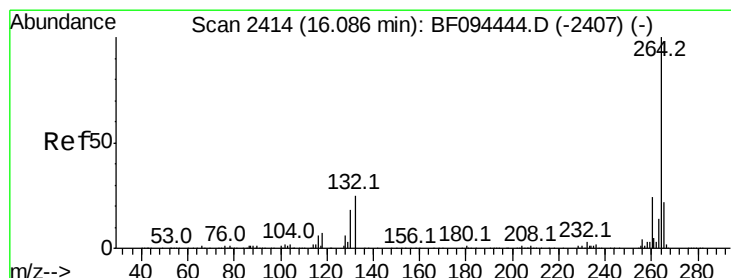
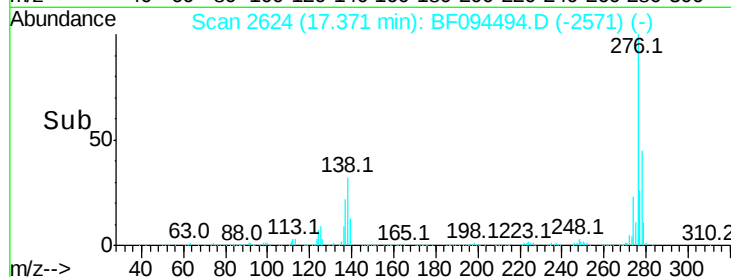
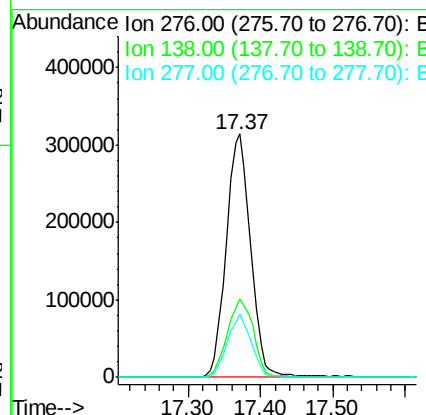
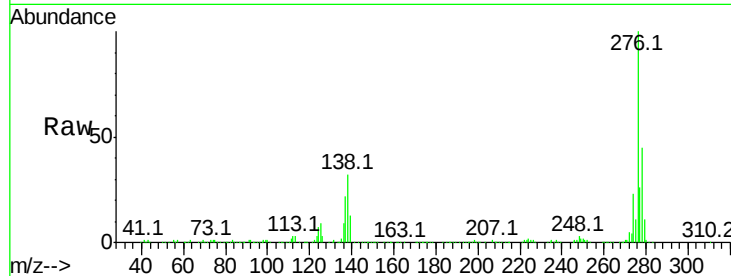




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.00 ng
RT: 17.37 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

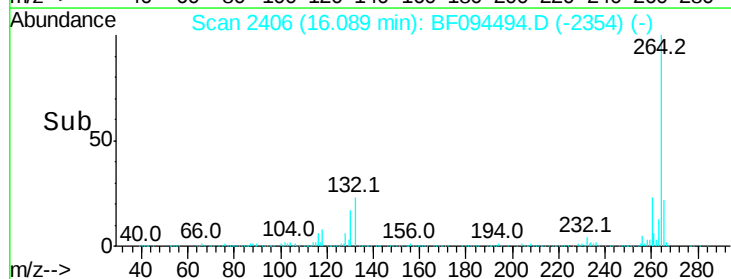
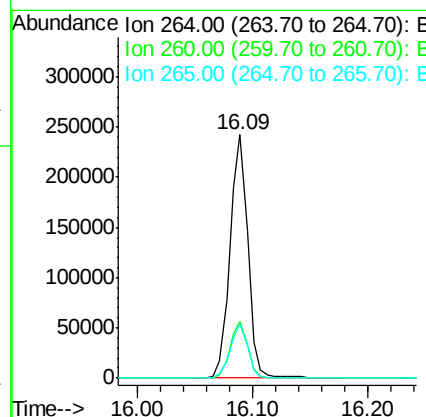
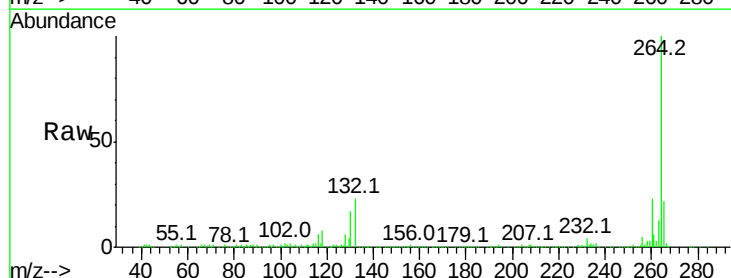
Instrument :
BNA_F
ClientSampleId :

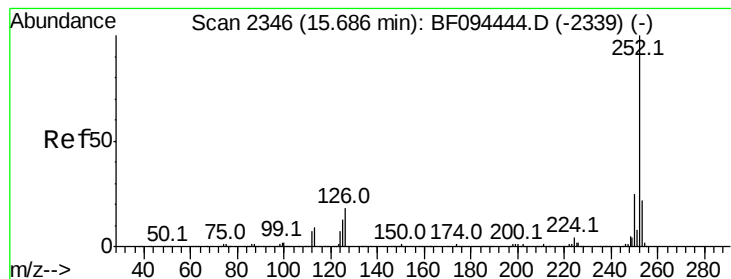
Tot Ion:276 Resp: 736448
Ion Ratio Lower Upper
276 100
138 34.6 27.8 41.6
277 25.6 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094494.D
Acq: 18 Apr 2017 18:53

Tgt Ion:264 Resp: 259213
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 22.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 43.51 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

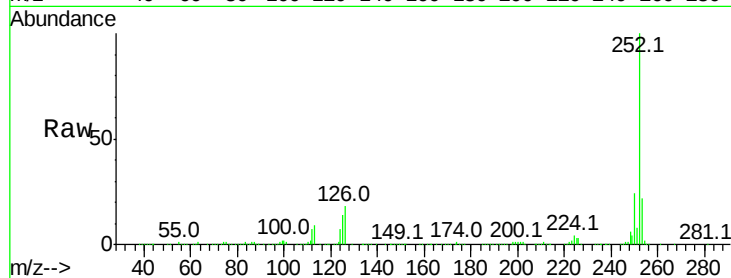
Tot Ion:252 Resp: 689988

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

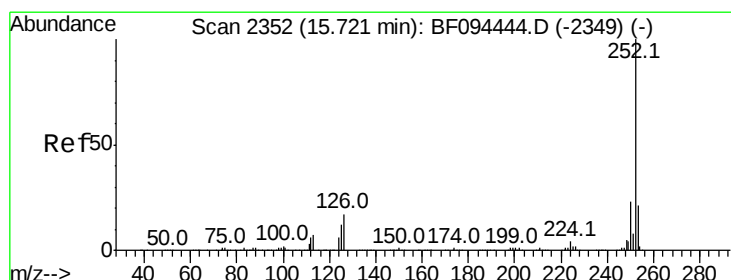
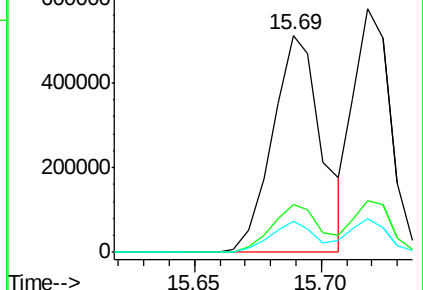
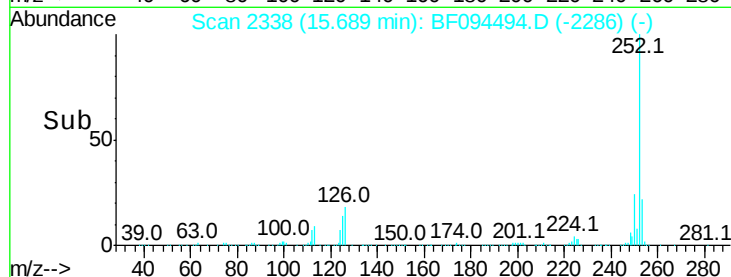
125 14.1 9.8 14.8



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: 38.71 ng

RT: 15.72 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

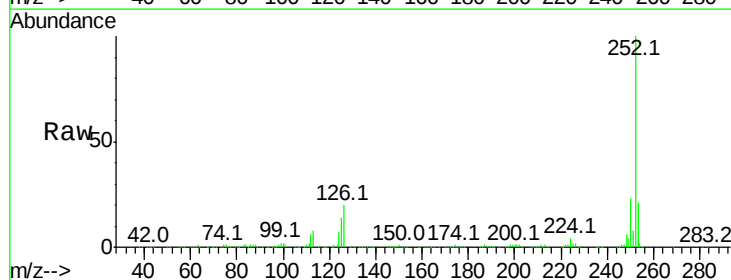
Tgt Ion:252 Resp: 580851

Ion Ratio Lower Upper

252 100

253 21.2 18.4 27.6

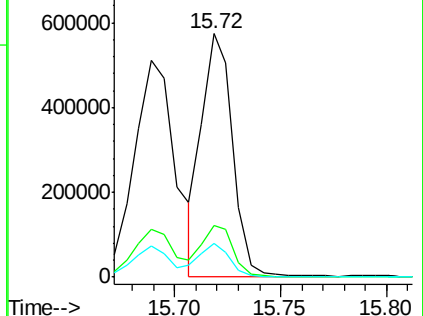
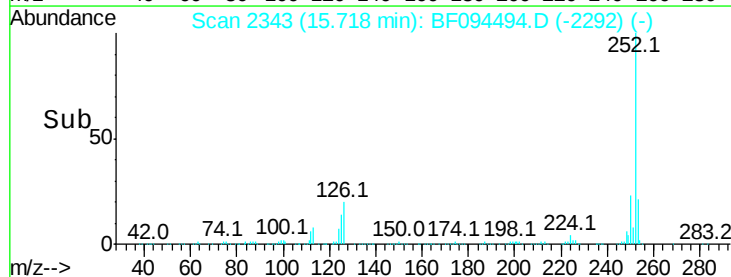
125 13.7 13.1 19.7

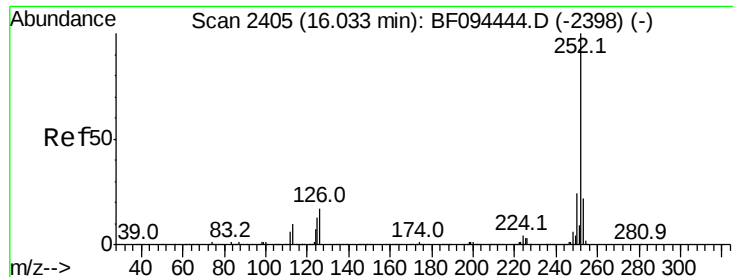


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.05 ng

RT: 16.04 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

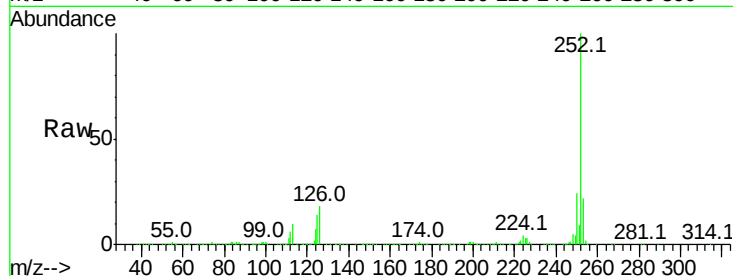
Tot Ion:252 Resp: 620275

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

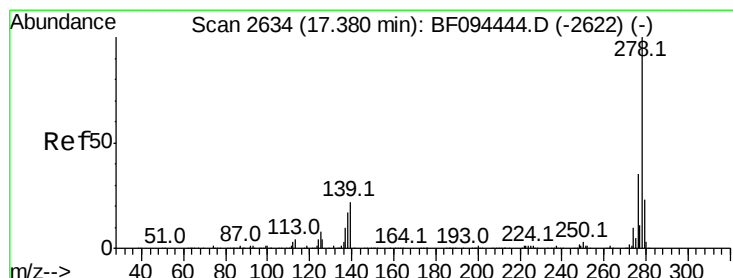
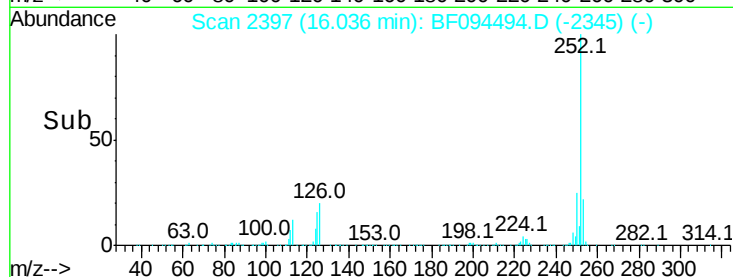
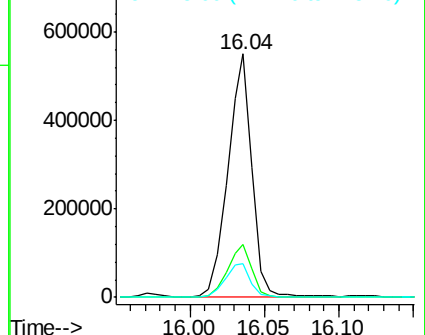
125 13.9 11.0 16.4



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: 49.11 ng

RT: 17.39 min Scan# 2627

Delta R.T. 0.01 min

Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

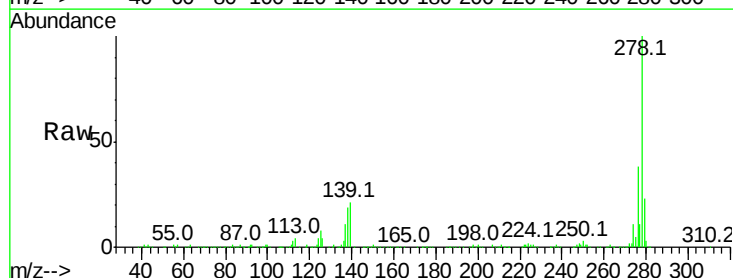
Tgt Ion:278 Resp: 601590

Ion Ratio Lower Upper

278 100

139 20.9 16.6 24.8

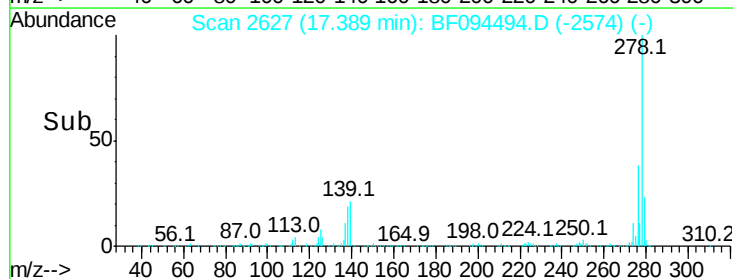
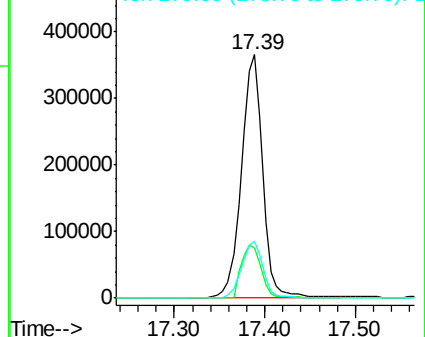
279 23.2 19.3 28.9

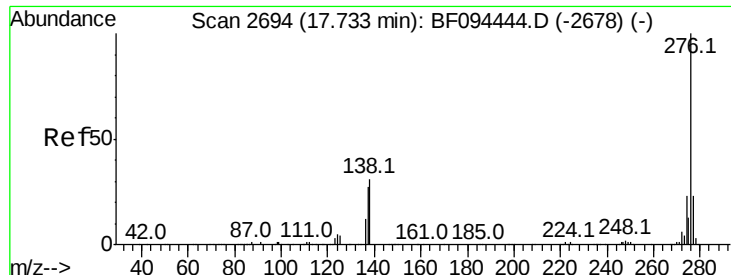


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.80 ng

RT: 17.75 min Scan# 2688

Delta R.T. 0.01 min

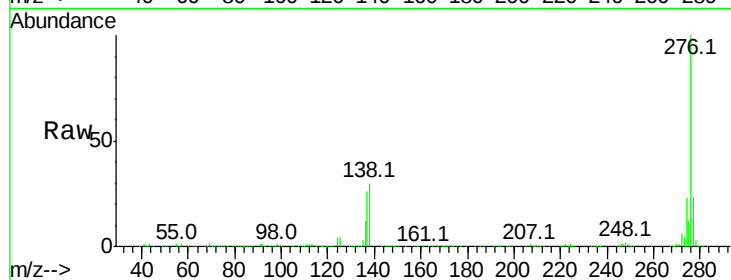
Lab File: BF094494.D

Acq: 18 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :



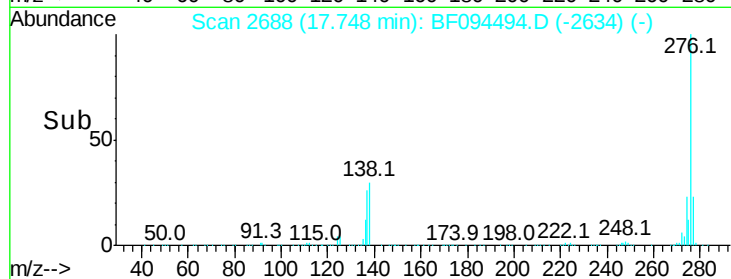
Tot Ion: 276 Resp: 621038

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 29.8 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

