

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094444.D
 Acq On : 17 Apr 2017 12:44
 Operator : SJ/MA
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 13:48:31 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 13:38:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	147438	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	585986	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	264555	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	464462	20.00	ng	0.00
75) Chrysene-d12	14.47	240	389488	20.00	ng	0.00
86) Perylene-d12	16.09	264	345023	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.30	112	699779	80.16	ng	0.00
7) Phenol-d6	5.39	99	812782	75.27	ng	0.00
23) Nitrobenzene-d5	6.42	82	756674	73.69	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	165470	79.15	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1379154	79.51	ng	0.00
78) Terphenyl-d14	13.20	244	1139337	65.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	205313	48.96	ng	97
3) Pyridine	2.58	79	477281	41.76	ng	97
4) n-Nitrosodimethylamine	2.55	42	188223	40.02	ng	91
6) Aniline	5.39	93	540638	35.99	ng	93
8) 2-Chlorophenol	5.53	128	400713	41.76	ng	95
9) Benzaldehyde	5.26	77	312590	42.87	ng	99
10) Phenol	5.40	94	497577	40.49	ng	93
11) bis(2-Chloroethyl)ether	5.47	93	372105	38.75	ng	96
12) 1,3-Dichlorobenzene	5.69	146	438568	40.75	ng	100
13) 1,4-Dichlorobenzene	5.78	146	445780	40.89	ng	96
14) 1,2-Dichlorobenzene	5.96	146	404973	40.34	ng	96
15) Benzyl Alcohol	5.94	79	309695	39.18	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	482641	32.61	ng	73
17) 2-Methylphenol	6.09	107	311922	37.96	ng	# 92
18) Hexachloroethane	6.35	117	153573	40.08	ng	# 85
19) n-Nitroso-di-n-propylamine	6.25	70	274637	39.57	ng	98
20) 3+4-Methylphenols	6.27	107	430410	43.25	ng	# 62
22) Acetophenone	6.24	105	561137	42.97	ng	# 86
24) Nitrobenzene	6.44	77	402336	39.73	ng	93
25) Isophorone	6.73	82	698773	38.73	ng	# 94
26) 2-Nitrophenol	6.81	139	218378	45.22	ng	95
27) 2,4-Dimethylphenol	6.89	122	347476	41.76	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	449216	37.75	ng	99
29) 2,4-Dichlorophenol	7.12	162	328696	42.25	ng	97
30) 1,2,4-Trichlorobenzene	7.20	180	329449	41.11	ng	96
31) Naphthalene	7.29	128	1101714	39.10	ng	99
32) Benzoic acid	7.07	122	184378	33.28	ng	91
33) 4-Chloroaniline	7.36	127	471993	41.33	ng	96
34) Hexachlorobutadiene	7.45	225	166348	40.48	ng	99
35) Caprolactam	7.82	113	101254	40.81	ng	97
36) 4-Chloro-3-methylphenol	7.99	107	338586	41.65	ng	91
37) 2-Methylnaphthalene	8.13	142	762855	40.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	294822	40.74	ng	100
40) Hexachlorocyclopentadiene	8.33	237	126051	37.22	ng	99

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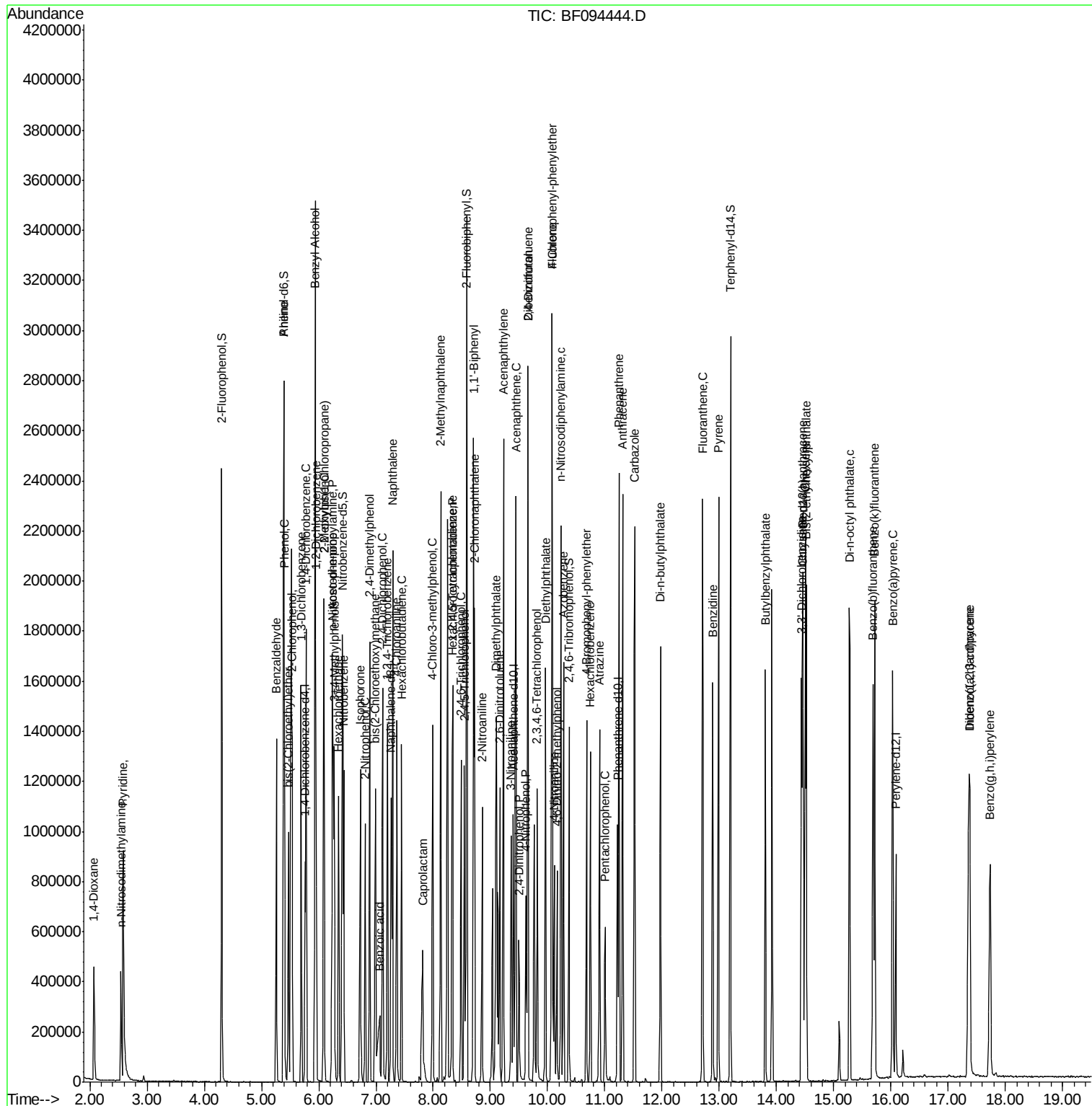
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	210212	41.05	nq	96
43) 2,4,5-Trichlorophenol	8.55	196	217500	39.26	nq	94
45) 1,1'-Biphenyl	8.70	154	852901	39.97	nq	97
46) 2-Chloronaphthalene	8.73	162	670352	40.13	nq	97
47) 2-Nitroaniline	8.86	65	199703	40.30	nq	# 86
48) Acenaphthylene	9.23	152	1052053	37.90	nq	98
49) Dimethylphthalate	9.10	163	773338	41.12	nq	99
50) 2,6-Dinitrotoluene	9.16	165	178146	41.32	nq	# 88
51) Acenaphthene	9.45	154	624048	38.52	nq	99
52) 3-Nitroaniline	9.37	138	203798	40.26	nq	88
53) 2,4-Dinitrophenol	9.50	184	85326	41.53	nq	# 75
54) Dibenzofuran	9.66	168	899126	40.78	nq	99
55) 4-Nitrophenol	9.62	139	136645	34.47	nq	# 74
56) 2,4-Dinitrotoluene	9.66	165	214243	39.56	nq	# 64
57) Fluorene	10.07	166	705339	38.57	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	156712	41.22	nq	96
59) Diethylphthalate	9.96	149	727846	39.16	nq	100
60) 4-Chlorophenyl-phenylether	10.08	204	298006	38.25	nq	95
61) 4-Nitroaniline	10.12	138	210279	43.29	nq	96
62) Azobenzene	10.28	77	714158	40.62	nq	95
64) 4,6-Dinitro-2-methylphenol	10.16	198	125315	44.06	nq	# 71
65) n-Nitrosodiphenylamine	10.23	169	631432	39.31	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	182493	39.95	nq	99
67) Hexachlorobenzene	10.75	284	182196	39.40	nq	# 86
68) Atrazine	10.91	200	190661	39.63	nq	94
69) Pentachlorophenol	11.00	266	75777	26.33	nq	98
70) Phenanthrene	11.25	178	1008788	39.04	nq	99
71) Anthracene	11.32	178	1065687	40.06	nq	99
72) Carbazole	11.52	167	995943	36.51	nq	98
73) Di-n-butylphthalate	11.97	149	1112958	39.23	nq	99
74) Fluoranthene	12.71	202	1065652	40.28	nq	99
76) Benzidine	12.89	184	654757	42.47	nq	96
77) Pyrene	12.99	202	1088627	38.51	nq	99
79) Butylbenzylphthalate	13.81	149	482454	40.06	nq	89
80) Benzo(a)anthracene	14.46	228	910837	40.10	nq	98
81) 3,3'-Dichlorobenzidine	14.43	252	330074	40.66	nq	# 97
82) Chrysene	14.50	228	813154	38.58	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	648455	39.46	nq	99
84) Di-n-octyl phthalate	15.27	149	1099784	40.06	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	759317	41.60	nq	99
87) Benzo(b)fluoranthene	15.69	252	853709	40.37	nq	99
88) Benzo(k)fluoranthene	15.72	252	774814	37.44	nq	# 94
89) Benzo(a)pyrene	16.03	252	779861	40.04	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	622177	37.72	nq	97
91) Benzo(g,h,i)perylene	17.73	276	618985	37.24	nq	99

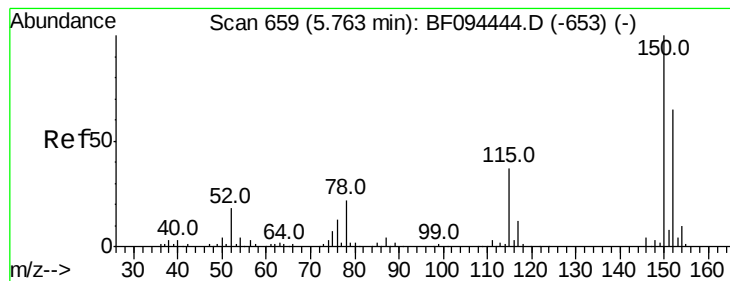
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :
ALS Vial  : 5      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampleId :

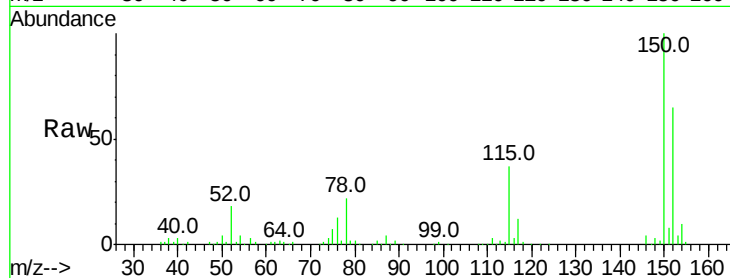
Tot Ion:152 Resp: 147438

Ion Ratio Lower Upper

152 100

150 153.6 126.2 189.2

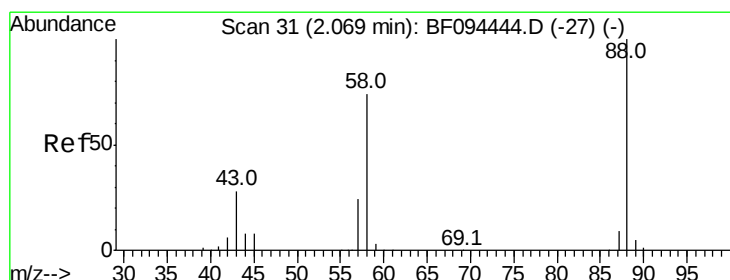
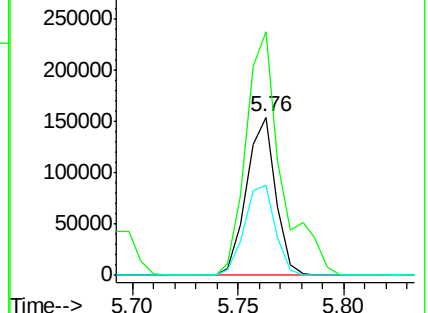
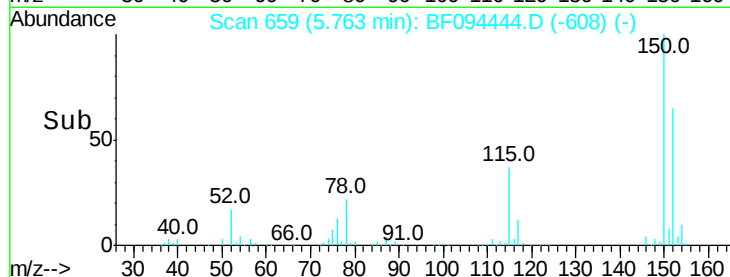
115 56.8 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 48.96 ng

RT: 2.07 min Scan# 31

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

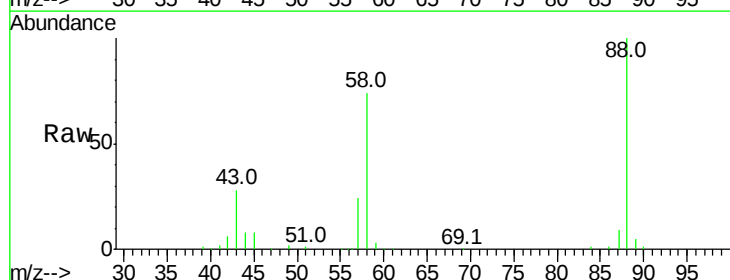
Tgt Ion: 88 Resp: 205313

Ion Ratio Lower Upper

88 100

58 73.5 61.4 92.0

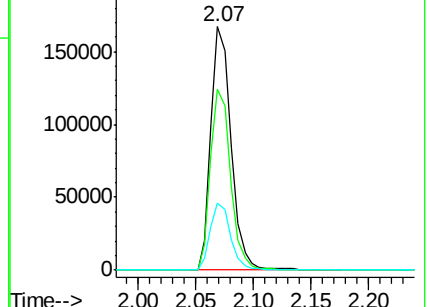
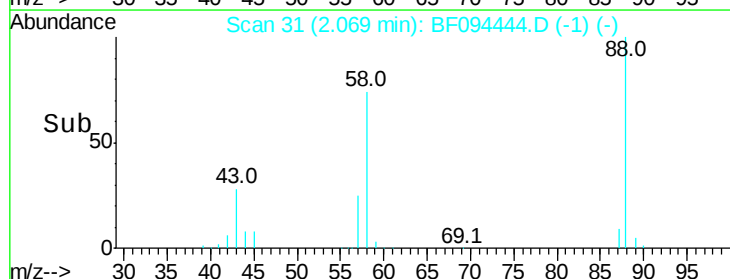
43 27.9 23.4 35.0

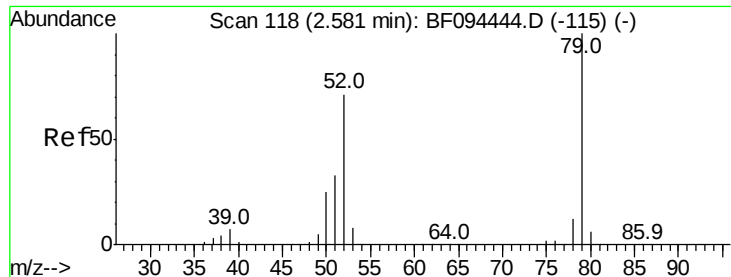


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.76 ng

RT: 2.58 min Scan# 118

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampleId :

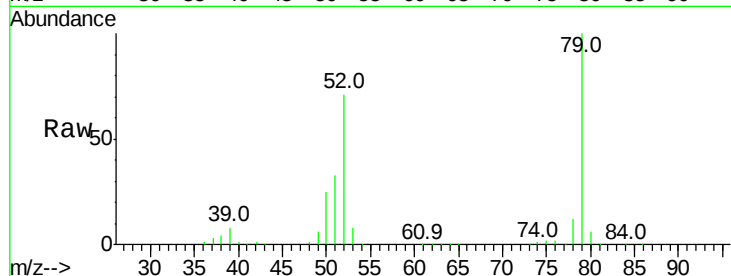
Tot Ion: 79 Resp: 477281

Ion Ratio Lower Upper

79 100

52 71.1 54.8 82.2

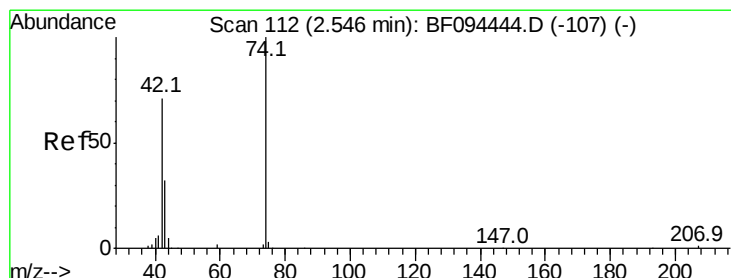
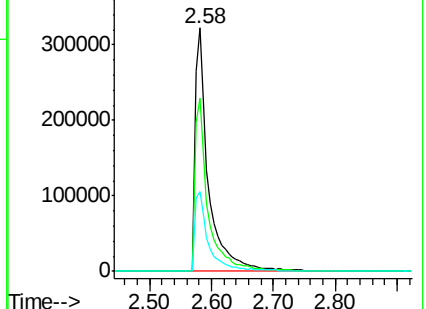
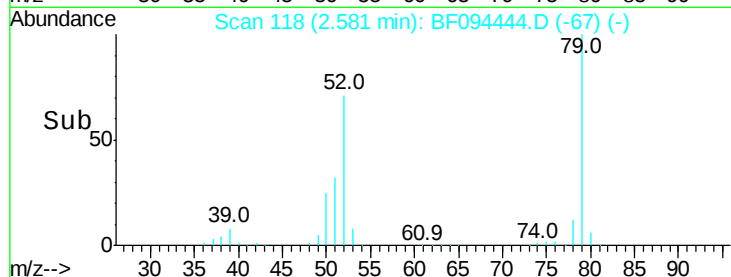
51 32.7 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.02 ng

RT: 2.55 min Scan# 112

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

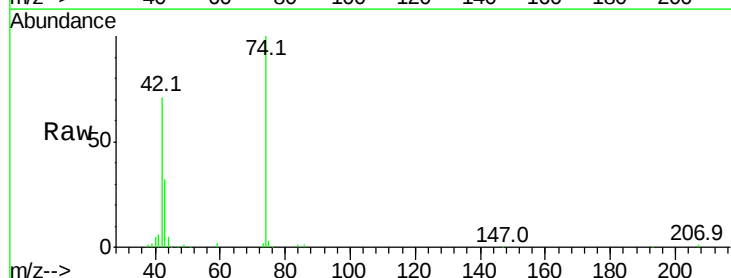
Tgt Ion: 42 Resp: 188223

Ion Ratio Lower Upper

42 100

74 141.1 103.9 155.9

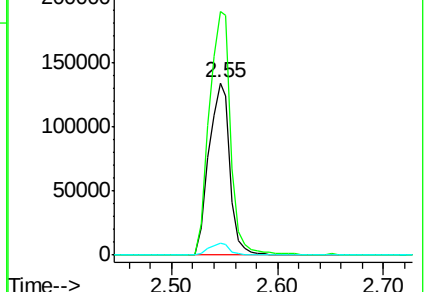
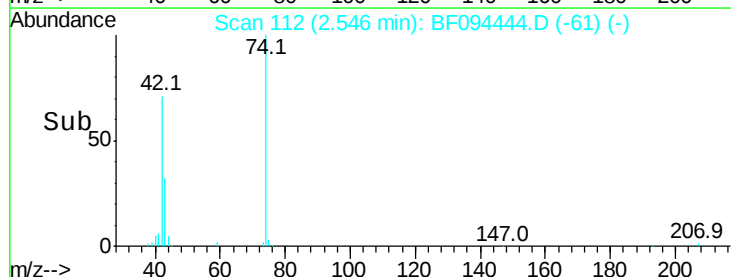
44 7.2 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

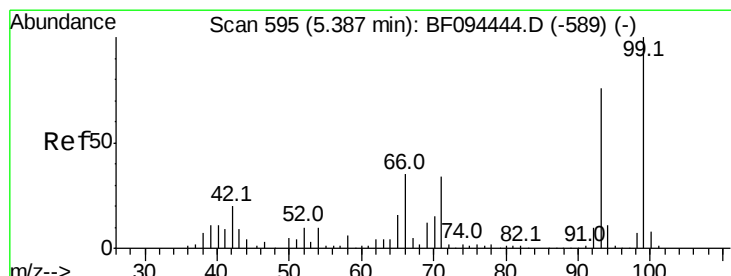
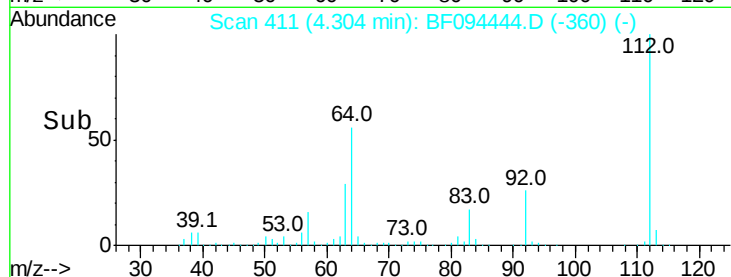
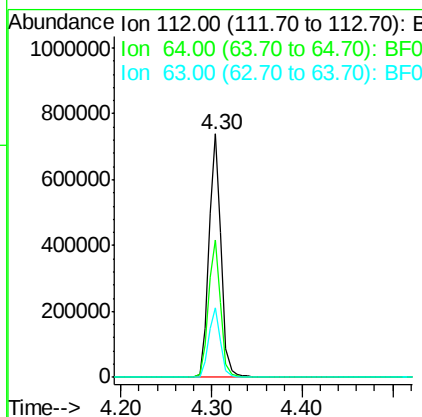
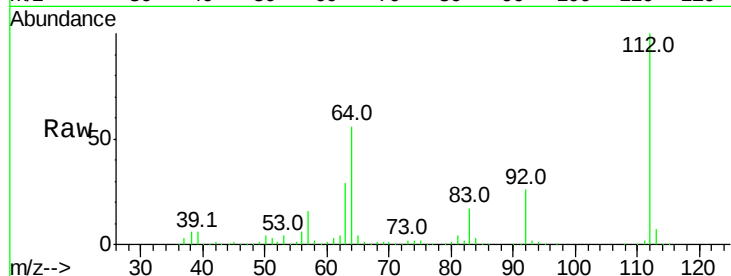




#5
 2-Fluorophenol
 Concen: 80.16 ng
 RT: 4.30 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

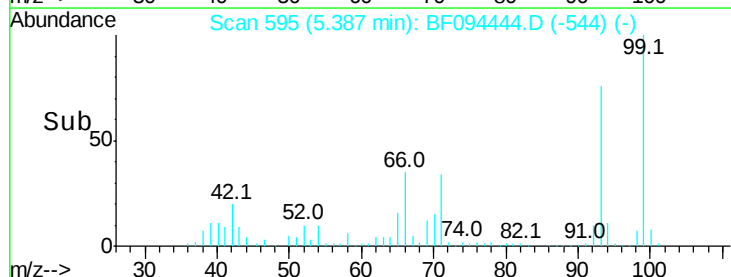
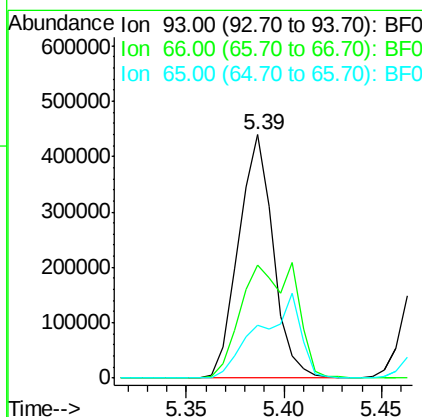
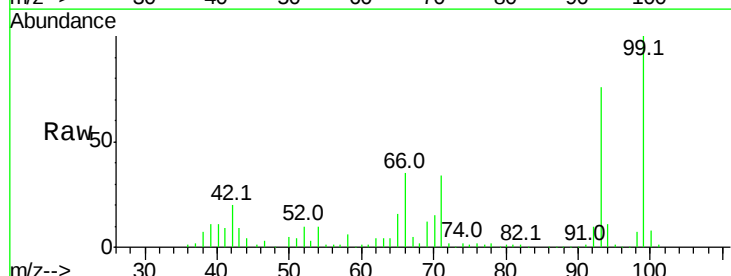
Instrument :
 BNA_F
 ClientSampled :

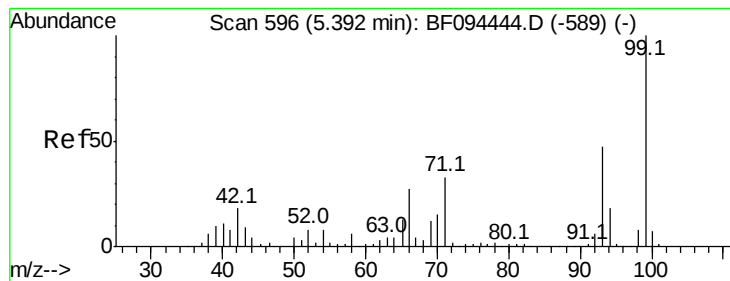
Tot Ion:	112	Resp:	699779
Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.0	69.0
63	28.6	23.4	35.0



#6
 Aniline
 Concen: 35.99 ng
 RT: 5.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:	93	Resp:	540638
Ion	Ratio	Lower	Upper
93	100		
66	46.6	32.9	49.3
65	21.6	16.0	24.0





#7

Phenol-d6

Concen: 75.27 ng

RT: 5.39 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampleId :

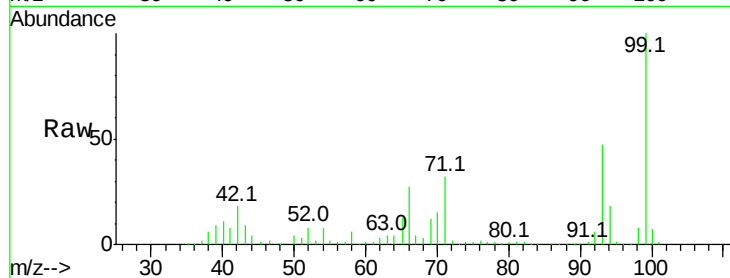
Tot Ion: 99 Resp: 812782

Ion Ratio Lower Upper

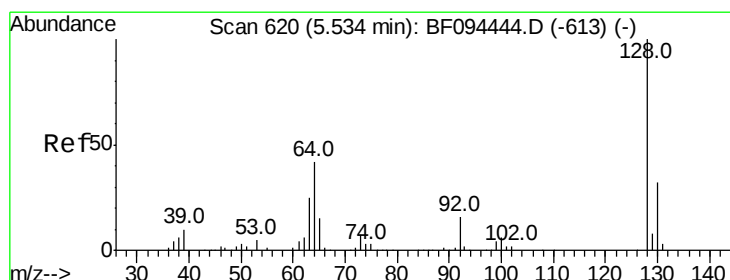
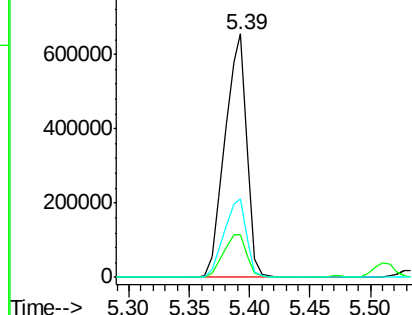
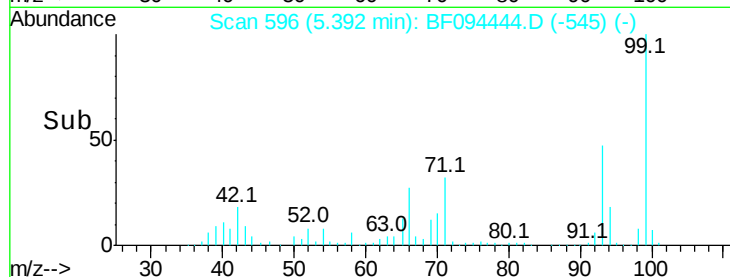
99 100

42 17.6 13.5 20.3

71 32.5 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: 41.76 ng

RT: 5.53 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

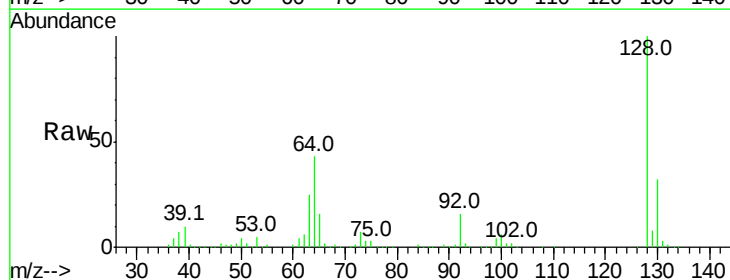
Tgt Ion: 128 Resp: 400713

Ion Ratio Lower Upper

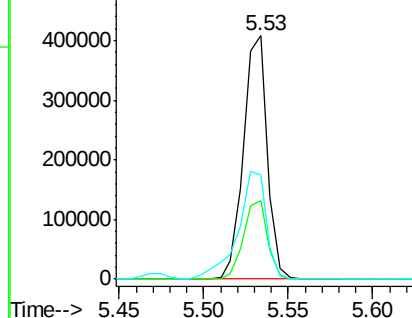
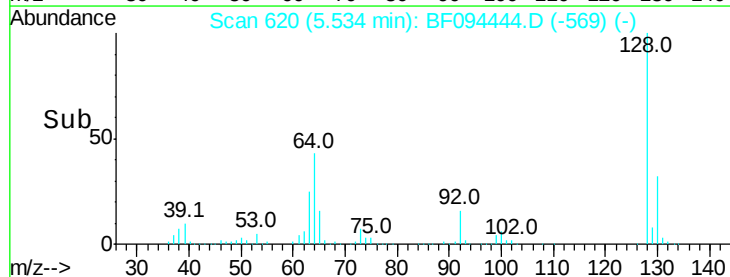
128 100

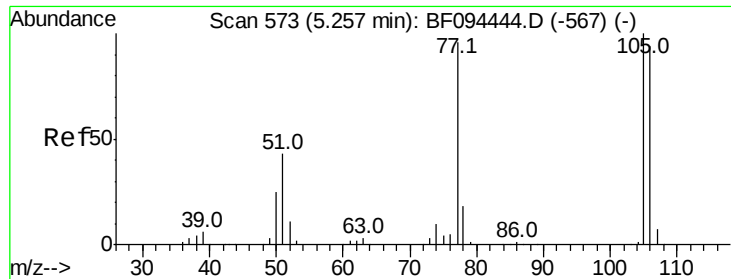
130 32.5 12.9 52.9

64 42.6 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

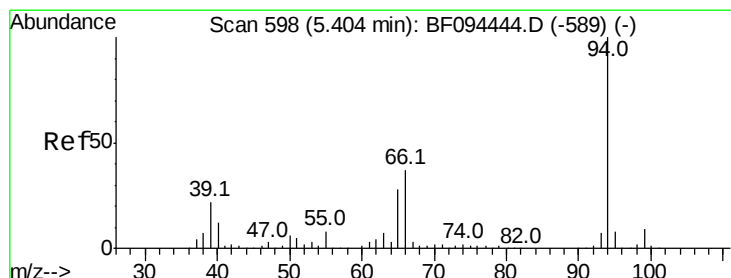
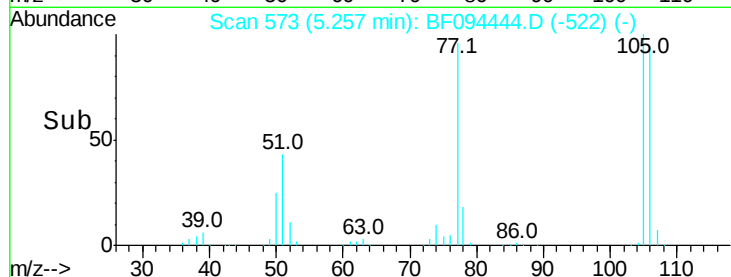
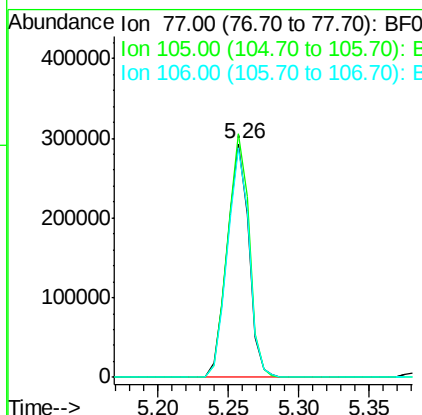
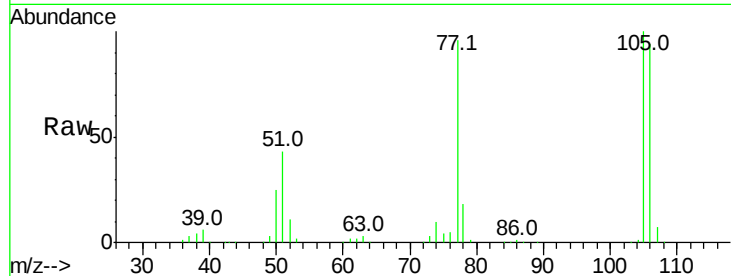




#9
Benzaldehyde
Concen: 42.87 ng
RT: 5.26 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

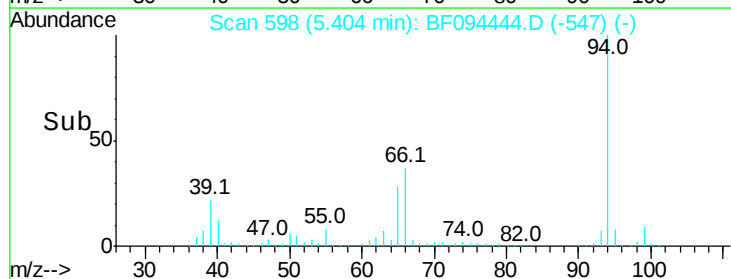
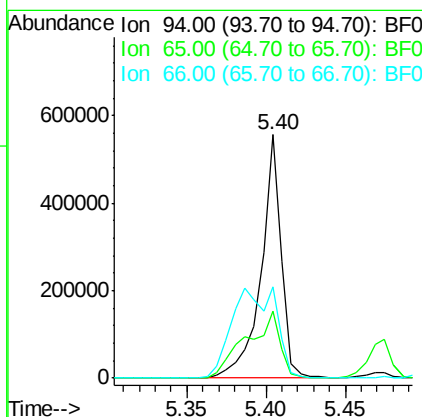
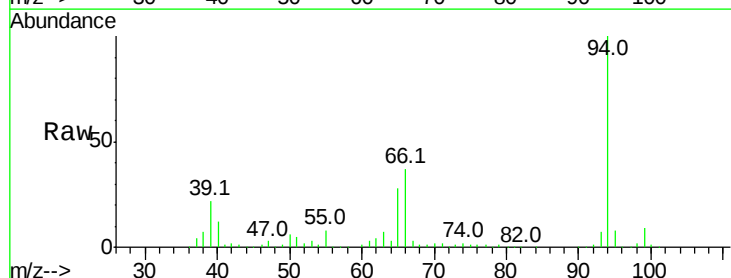
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 312590
Ion Ratio Lower Upper
77 100
105 104.2 83.8 123.8
106 98.2 79.1 119.1



#10
Phenol
Concen: 40.49 ng
RT: 5.40 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Tgt Ion: 94 Resp: 497577
Ion Ratio Lower Upper
94 100
65 27.5 9.9 49.9
66 37.5 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.75 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampleId :

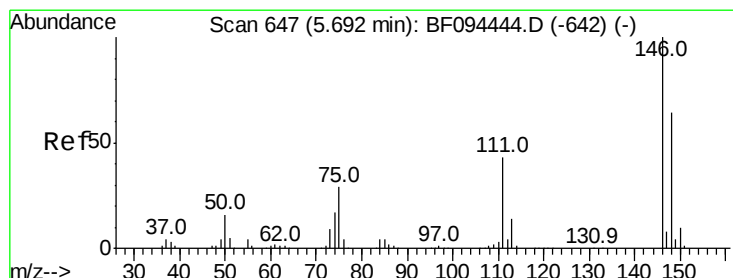
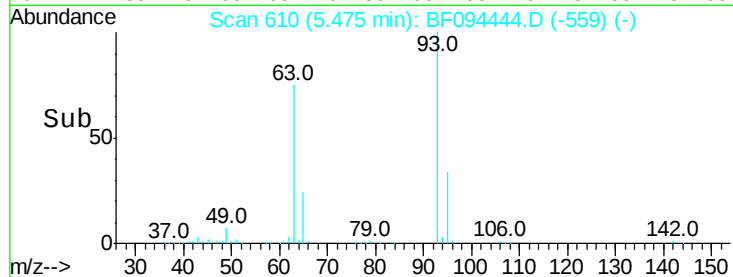
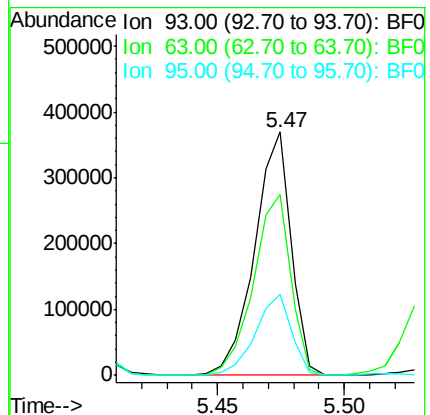
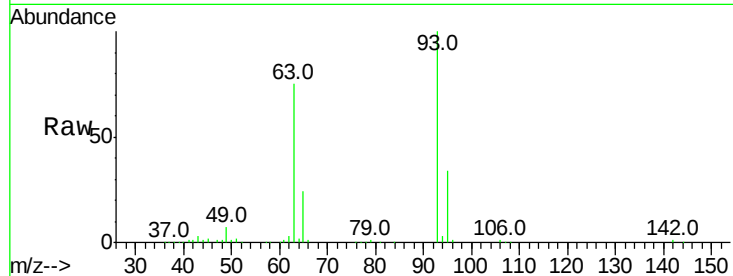
Tot Ion: 93 Resp: 372105

Ion Ratio Lower Upper

93 100

63 74.6 59.2 99.2

95 33.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.75 ng

RT: 5.69 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

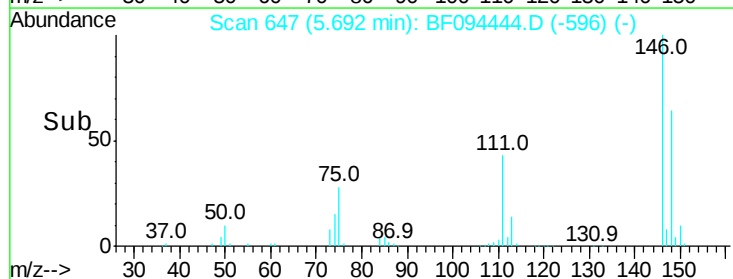
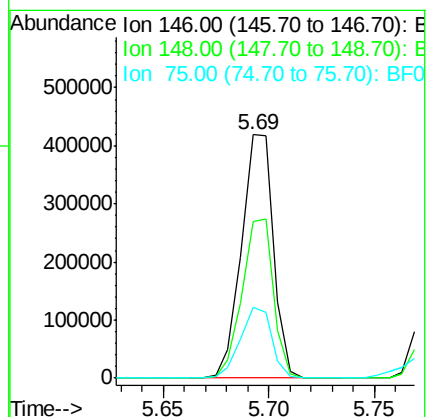
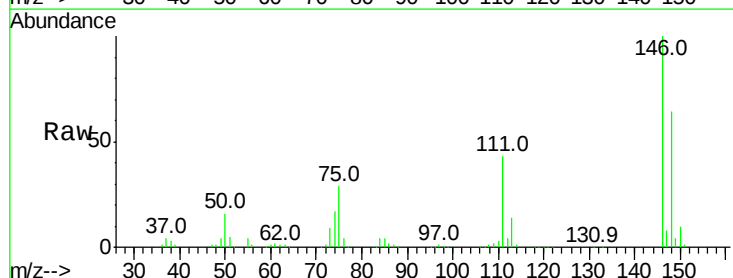
Tgt Ion: 146 Resp: 438568

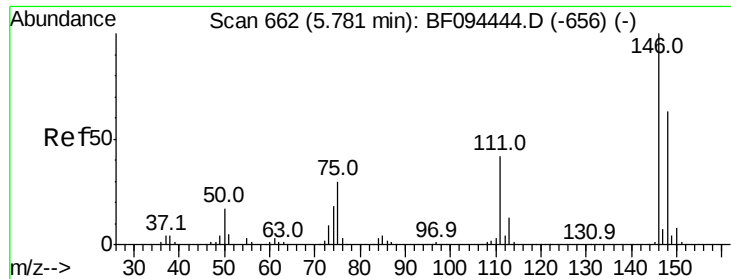
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

75 28.9 23.1 34.7

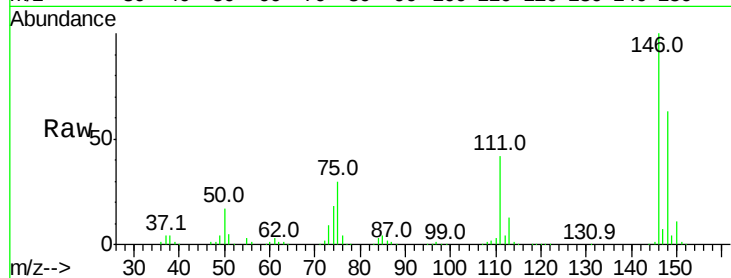




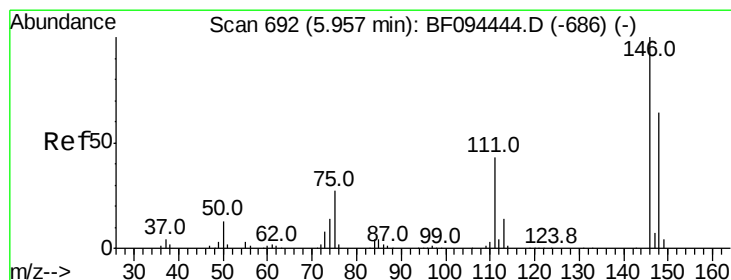
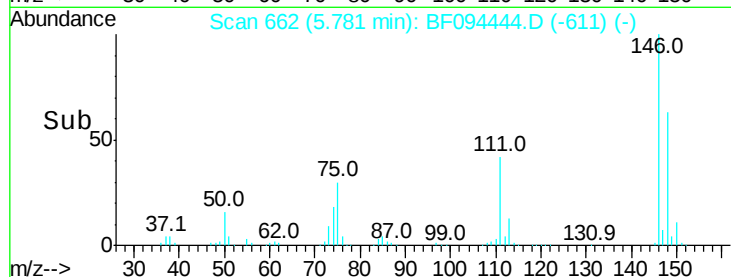
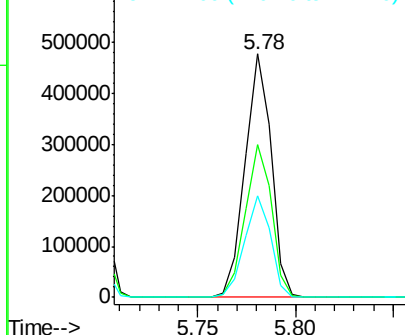
#13
 1,4-Dichlorobenzene
 Concen: 40.89 ng
 RT: 5.78 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 445780
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.2 78.2
 111 41.8 30.3 45.5

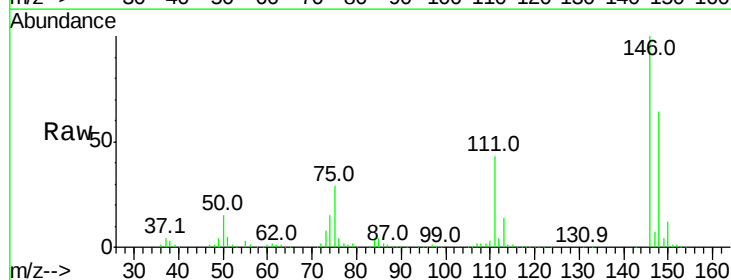


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

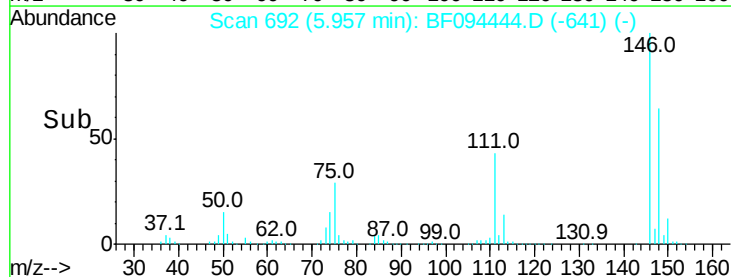
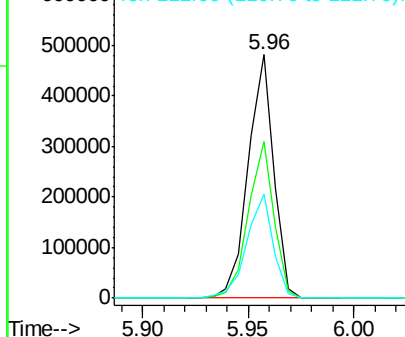


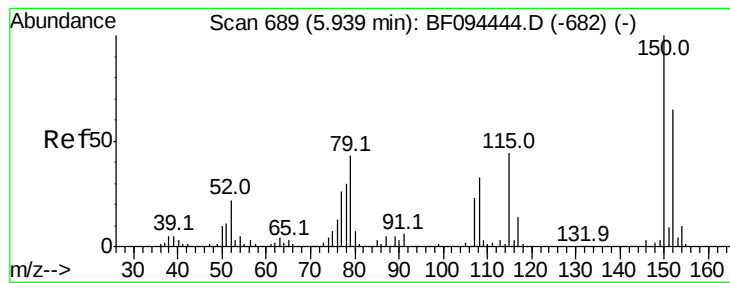
#14
 1,2-Dichlorobenzene
 Concen: 40.34 ng
 RT: 5.96 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:146 Resp: 404973
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 42.8 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: 39.18 ng

RT: 5.94 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampleId :

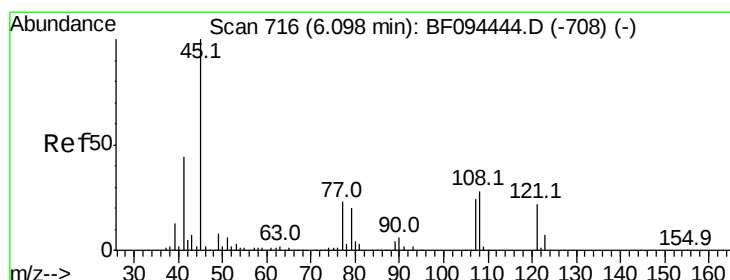
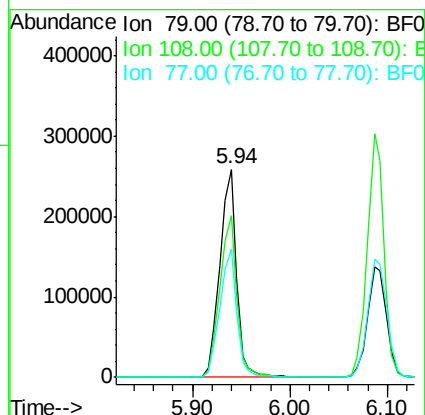
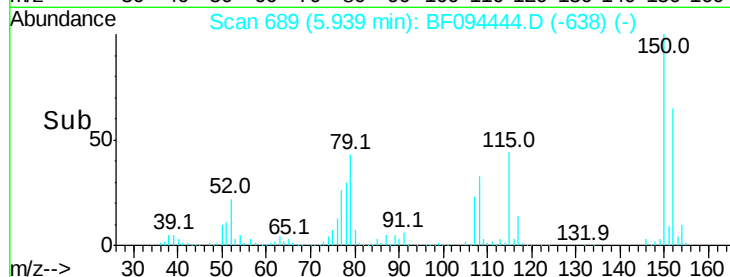
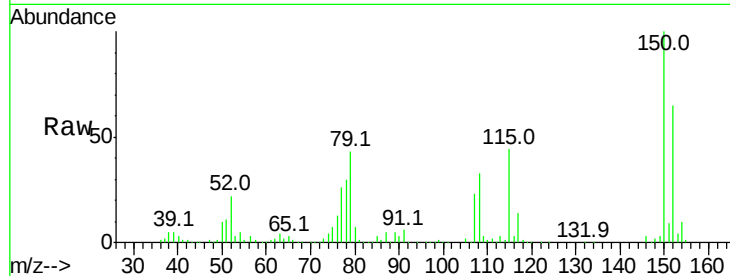
Tot Ion: 79 Resp: 309695

Ion Ratio Lower Upper

79 100

108 77.5 63.4 95.0

77 61.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.61 ng

RT: 6.10 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

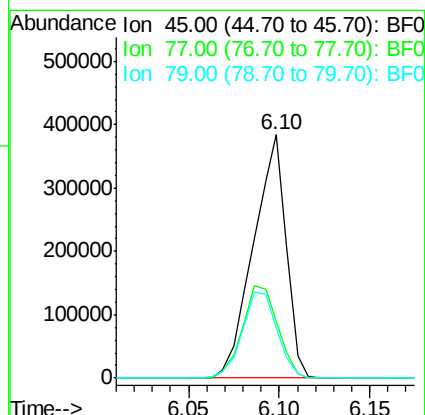
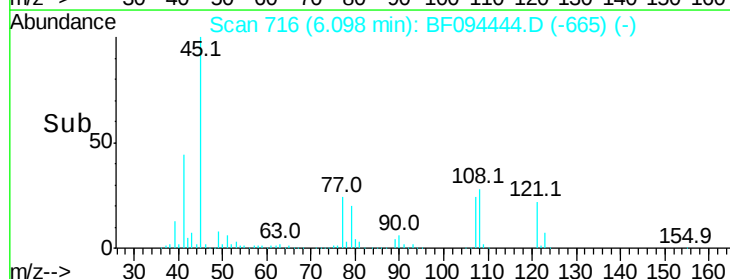
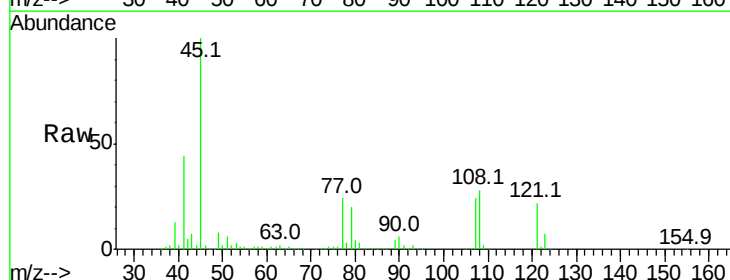
Tgt Ion: 45 Resp: 482641

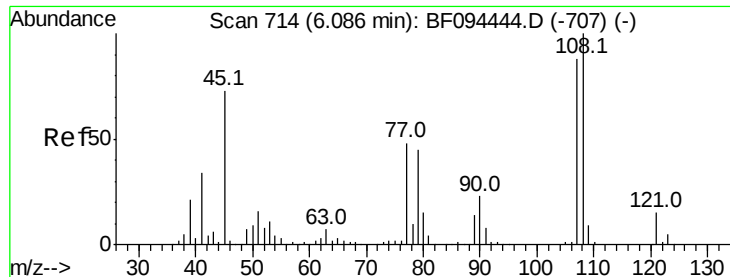
Ion Ratio Lower Upper

45 100

77 23.5 0.0 33.2

79 20.5 0.0 30.0





#17

2-Methylphenol

Concen: 37.96 ng

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 311922

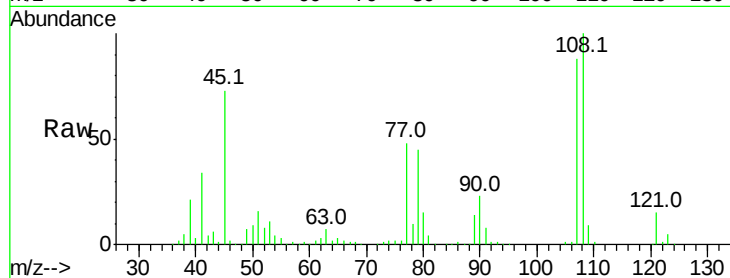
Ion Ratio Lower Upper

107 100

108 113.6 93.4 140.0

77 55.0 35.8 53.6#

79 51.3 34.8 52.2

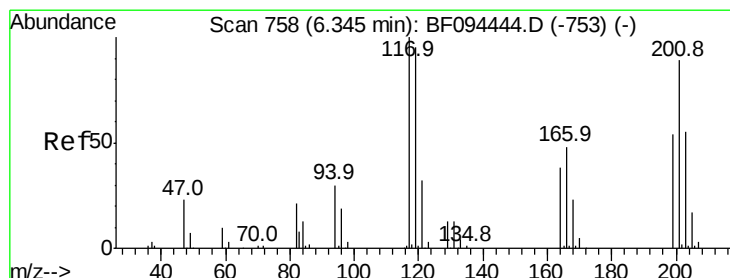
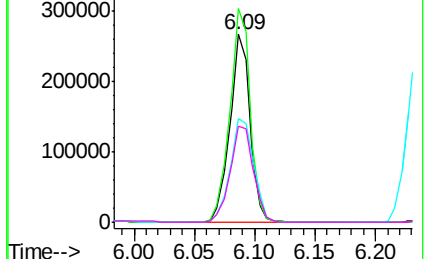
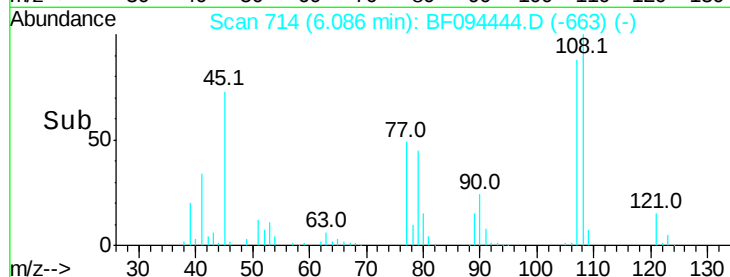


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.08 ng

RT: 6.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

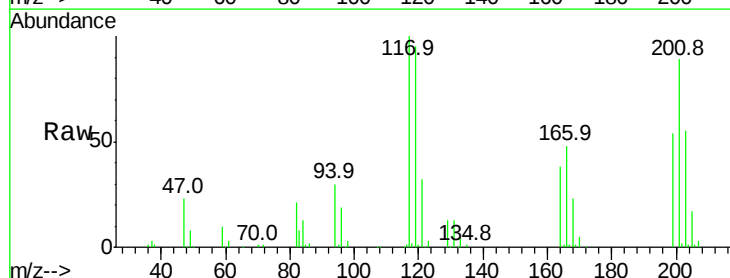
Tgt Ion:117 Resp: 153573

Ion Ratio Lower Upper

117 100

119 95.1 77.4 116.0

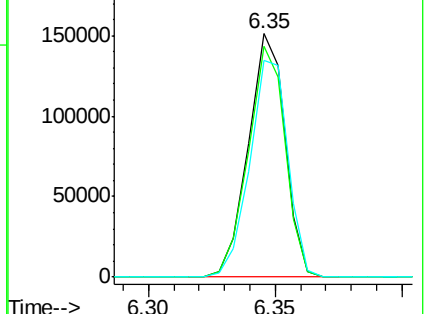
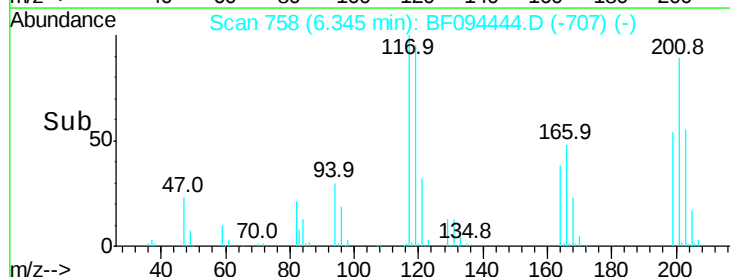
201 88.9 94.6 141.8#

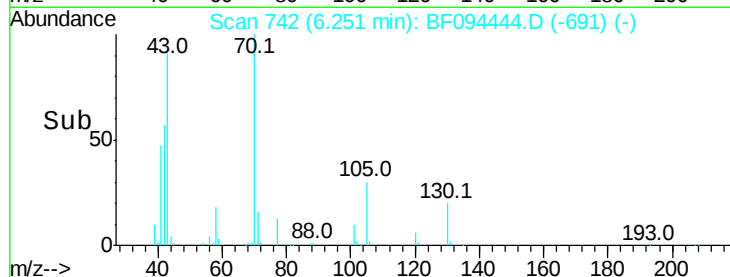
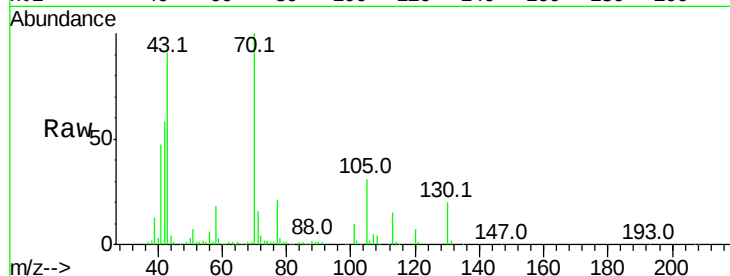
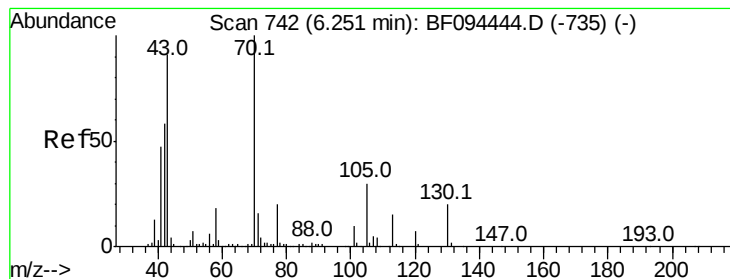


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.57 ng

RT: 6.25 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 274637

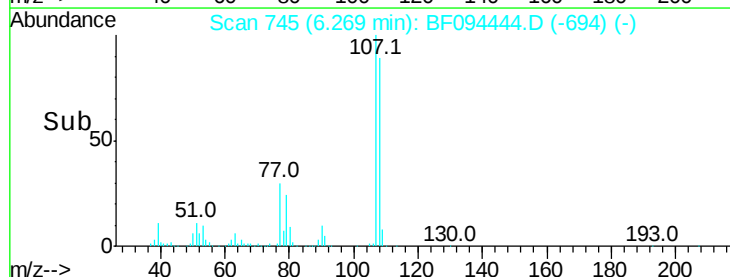
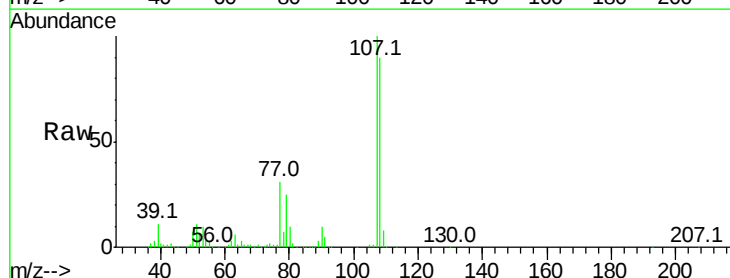
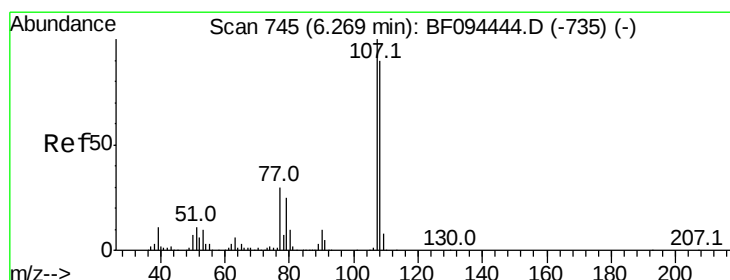
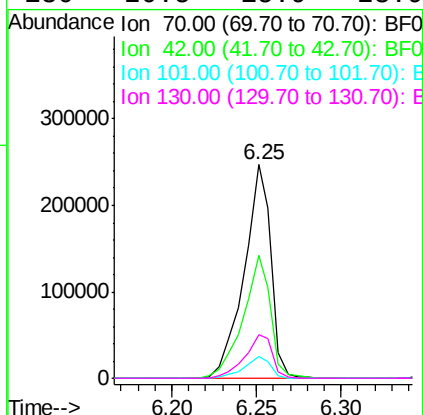
Ion Ratio Lower Upper

70 100

42 57.8 47.2 70.8

101 10.1 7.2 10.8

130 20.5 15.9 23.9



#20

3+4-Methylphenols

Concen: 43.25 ng

RT: 6.27 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Tgt Ion:107 Resp: 430410

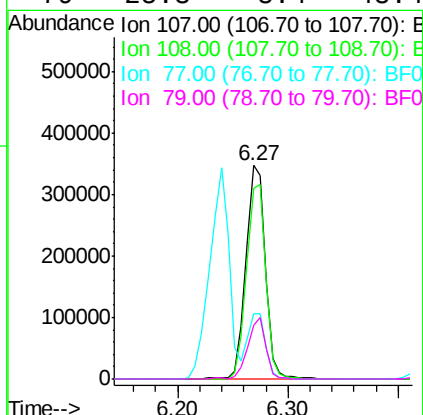
Ion Ratio Lower Upper

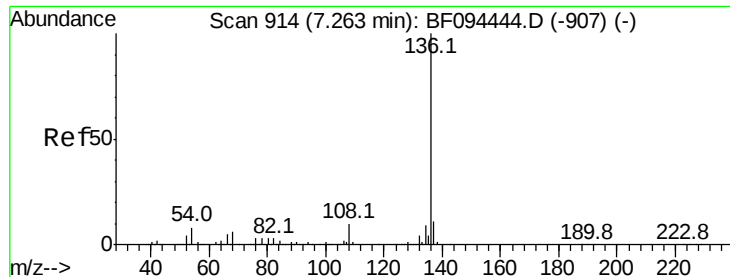
107 100

108 89.6 71.0 111.0

77 30.5 90.5 130.5#

79 25.3 8.4 48.4

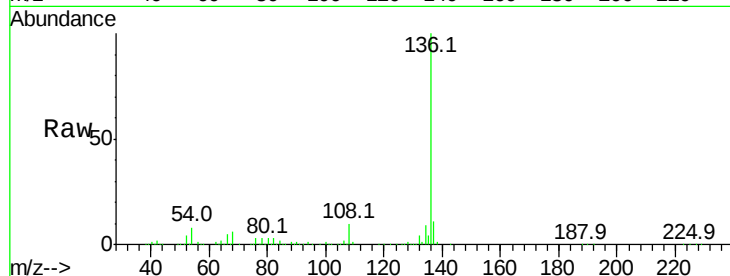




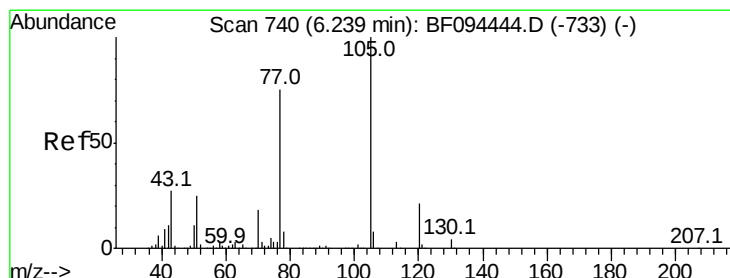
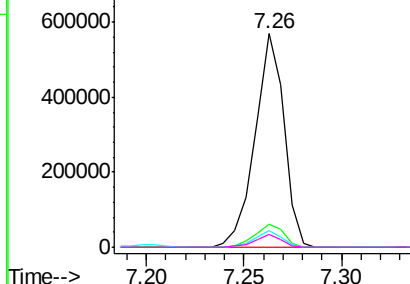
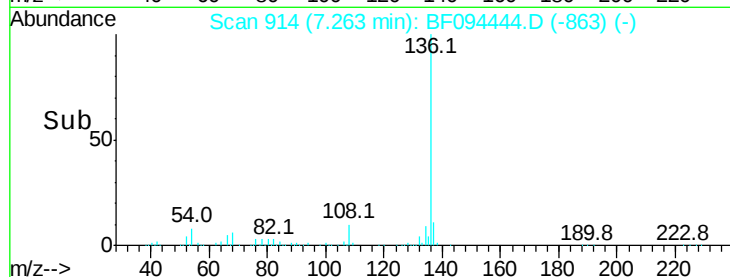
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	585986
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.5	12.7
54 7.6	4.9	7.3#
68 5.7	4.1	6.1

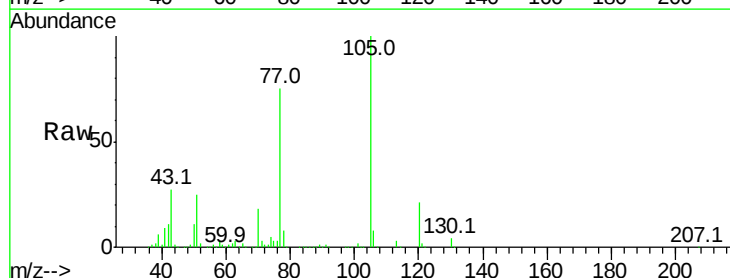


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

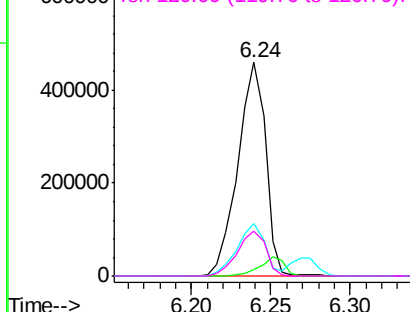
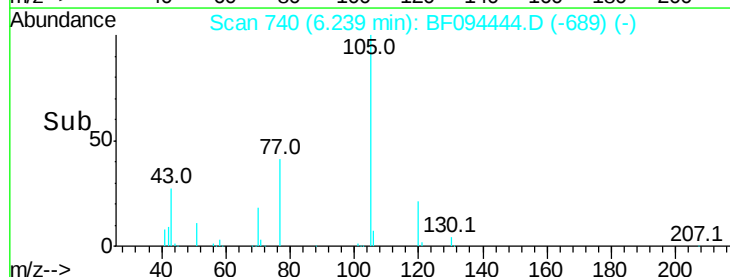


#22
Acetophenone
Concen: 42.97 ng
RT: 6.24 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Tgt Ion:105	Resp:	561137
Ion Ratio	Lower	Upper
105 100		
71 3.0	2.8	4.2
51 24.8	30.7	46.1#
120 21.1	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

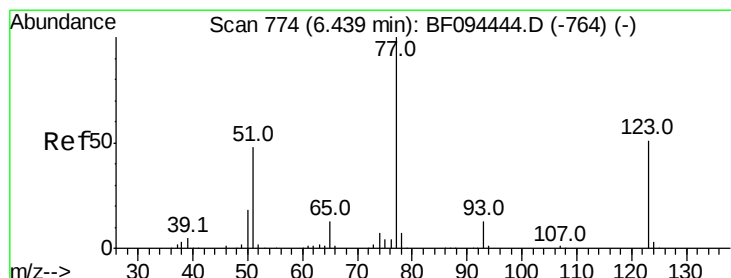
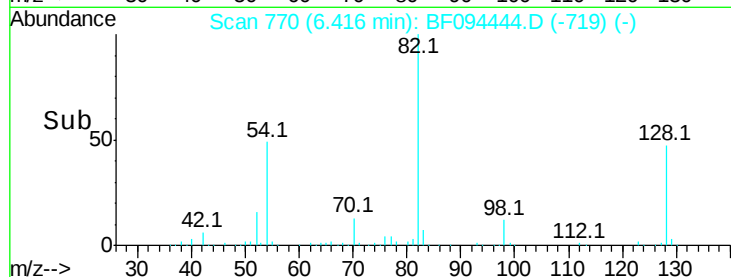
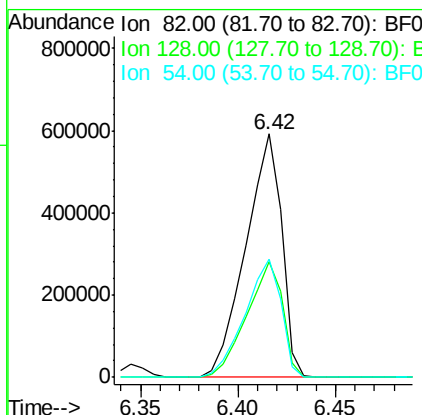
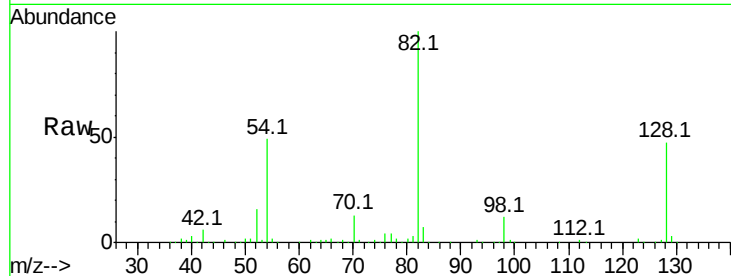




#23
 Nitrobenzene-d5
 Concen: 73.69 ng
 RT: 6.42 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

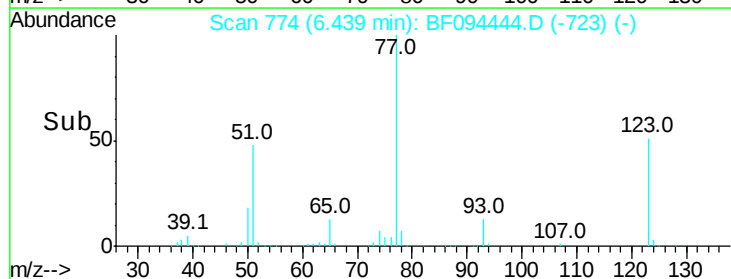
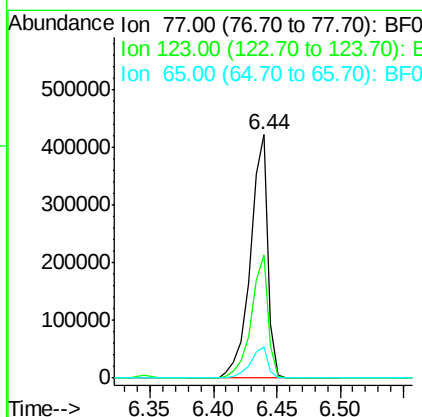
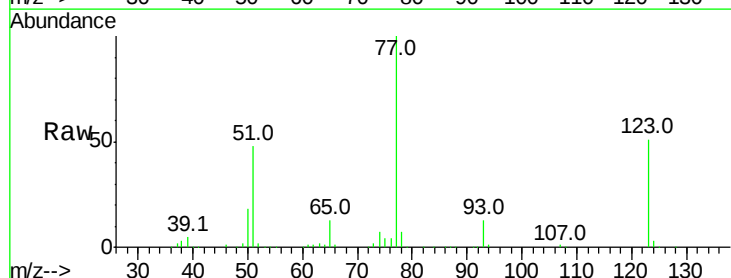
Instrument :
 BNA_F
 ClientSampleId :

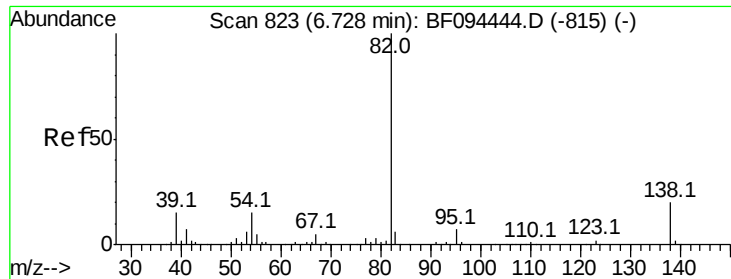
Tot Ion: 82 Resp: 756674
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 48.8 42.2 63.2



#24
 Nitrobenzene
 Concen: 39.73 ng
 RT: 6.44 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion: 77 Resp: 402336
 Ion Ratio Lower Upper
 77 100
 123 50.6 35.8 53.8
 65 12.7 10.6 15.8





#25

Isophorone

Concen: 38.73 ng

RT: 6.73 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampleId :

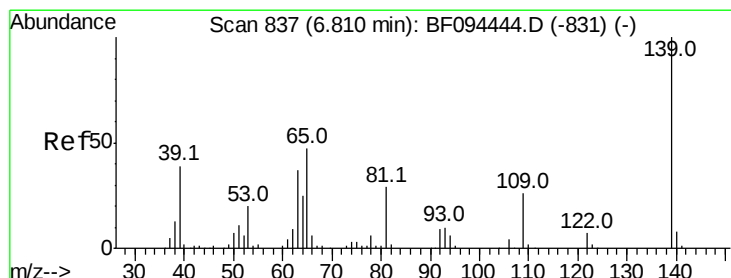
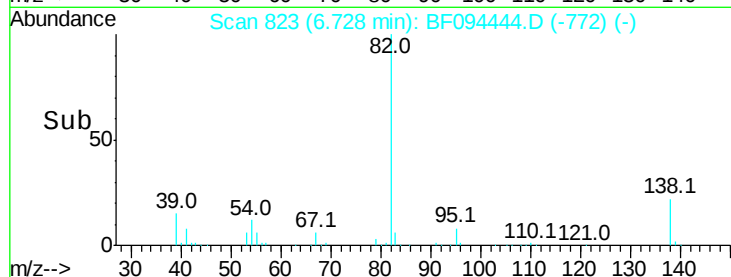
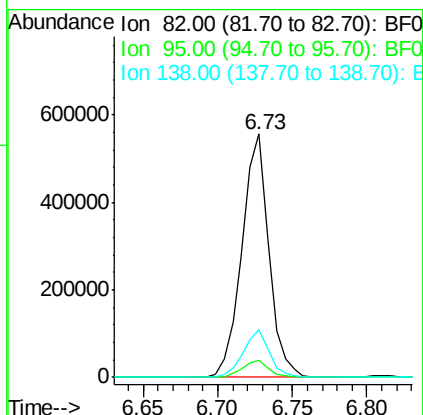
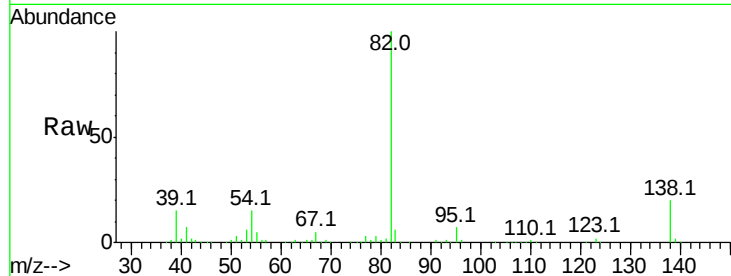
Tot Ion: 82 Resp: 698773

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.8 13.1 19.7#



#26

2-Nitrophenol

Concen: 45.22 ng

RT: 6.81 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

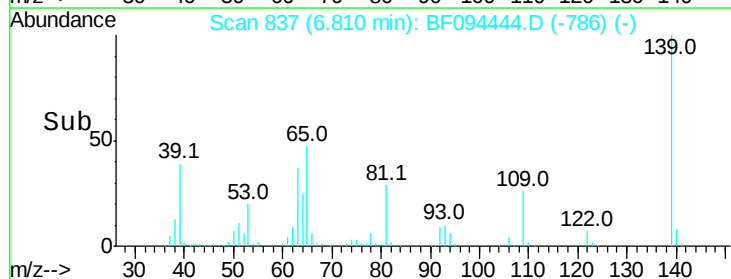
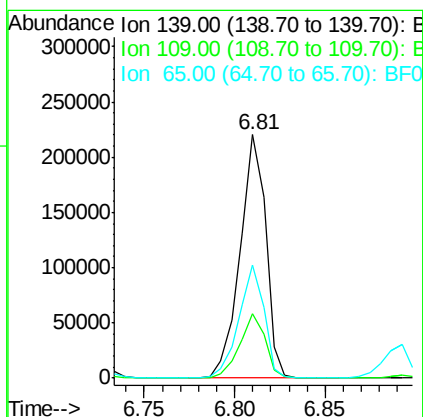
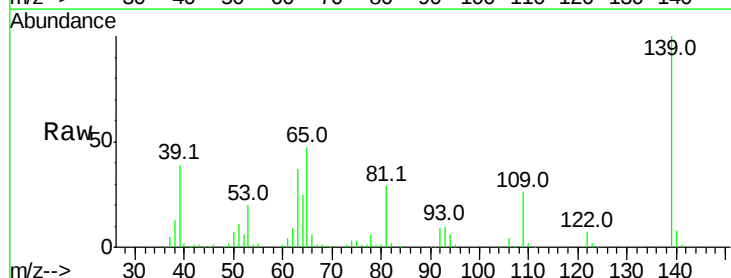
Tgt Ion: 139 Resp: 218378

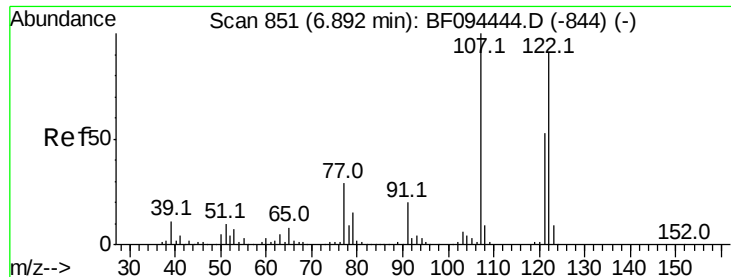
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

65 46.7 33.0 49.6

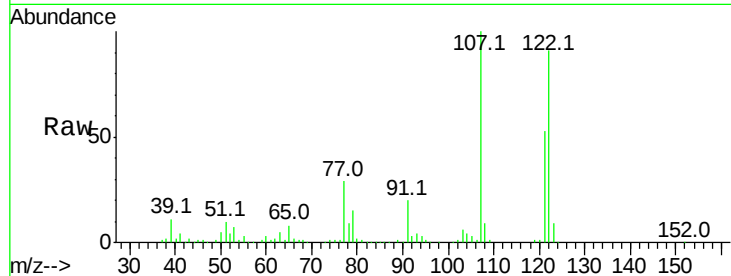




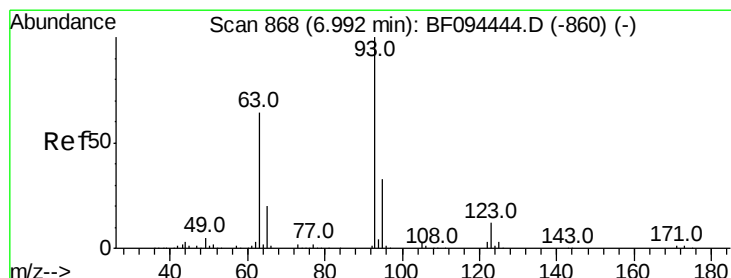
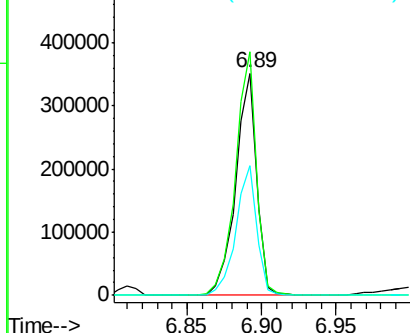
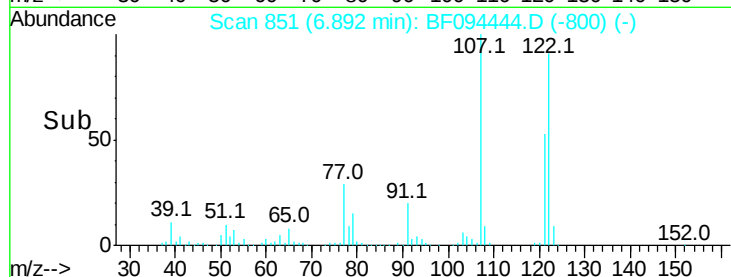
#27
 2,4-Dimethylphenol
 Concen: 41.76 ng
 RT: 6.89 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 347476
 Ion Ratio Lower Upper
 122 100
 107 109.5 89.2 133.8
 121 58.3 45.2 67.8

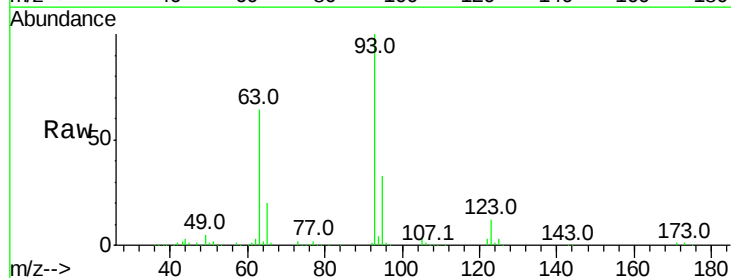


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

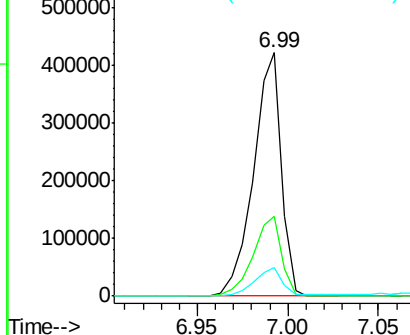
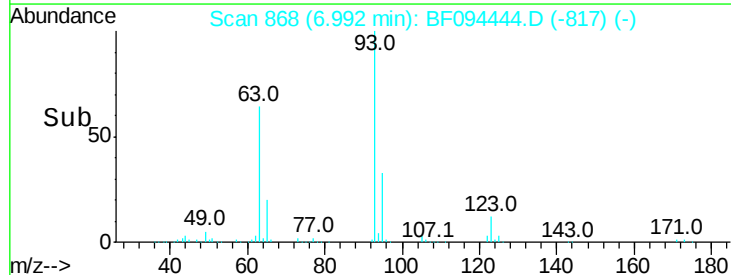


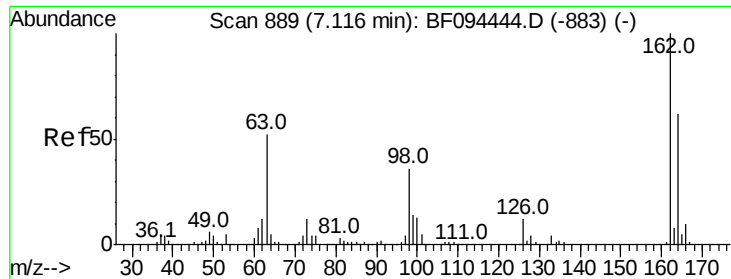
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.75 ng
 RT: 6.99 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion: 93 Resp: 449216
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 11.6 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

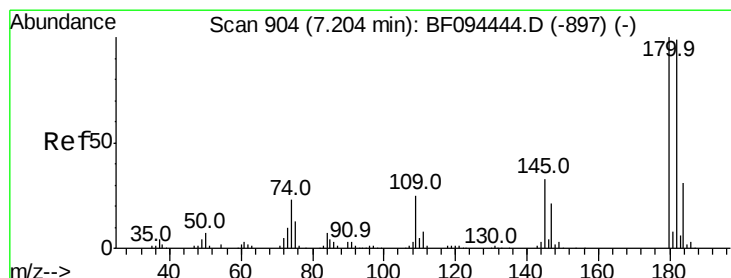
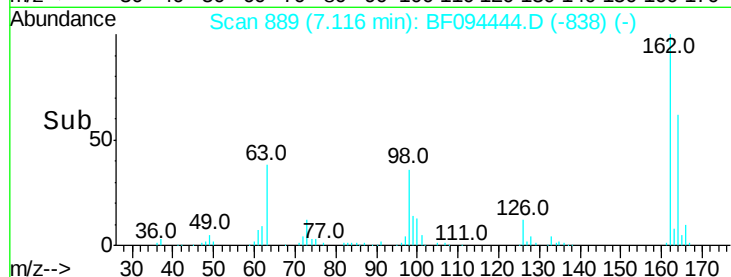
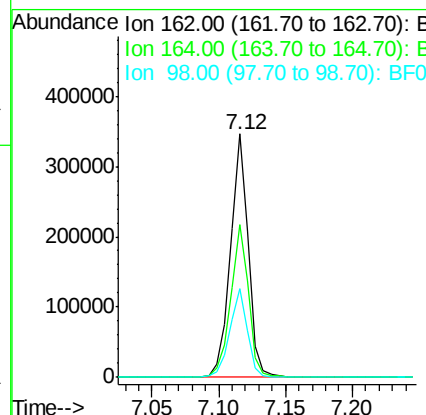
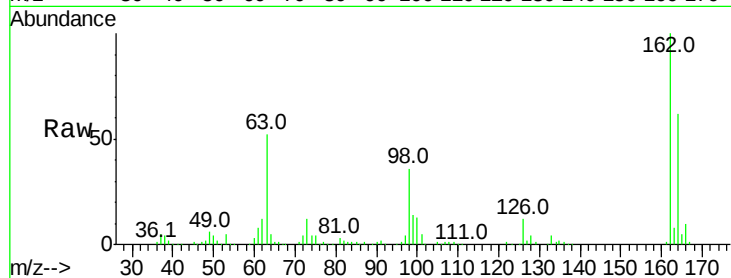




#29
 2,4-Dichlorophenol
 Concen: 42.25 ng
 RT: 7.12 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

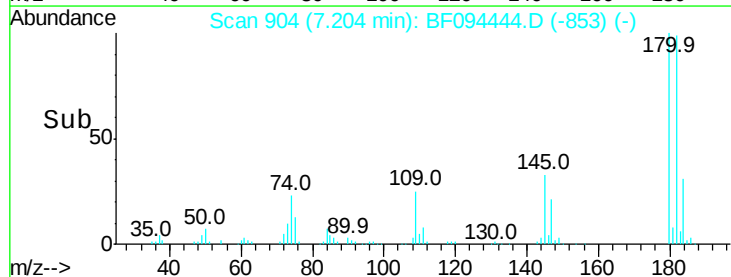
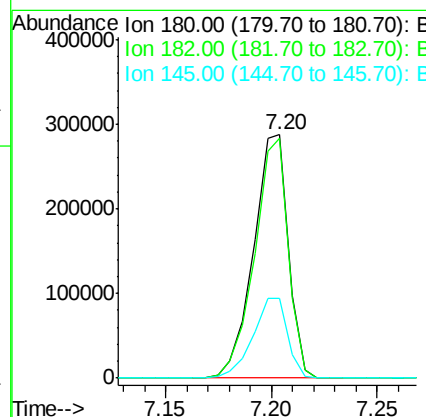
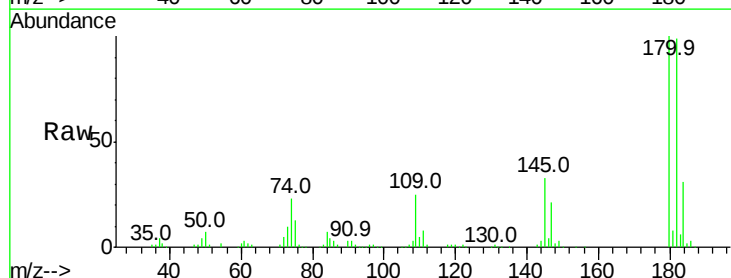
Instrument :
 BNA_F
 ClientSampleId :

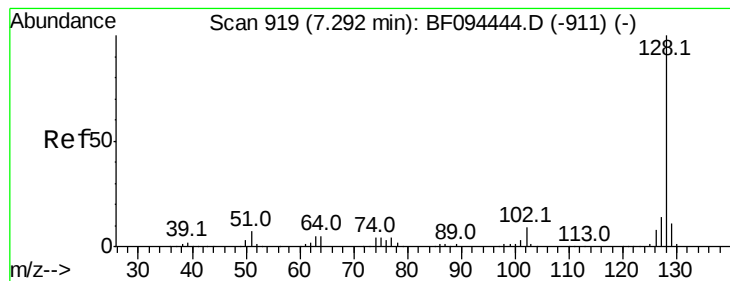
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	36.3	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.11 ng
 RT: 7.20 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	75.8	113.6
145	33.0	25.3	37.9





#31

Naphthalene

Concen: 39.10 ng

RT: 7.29 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampled :

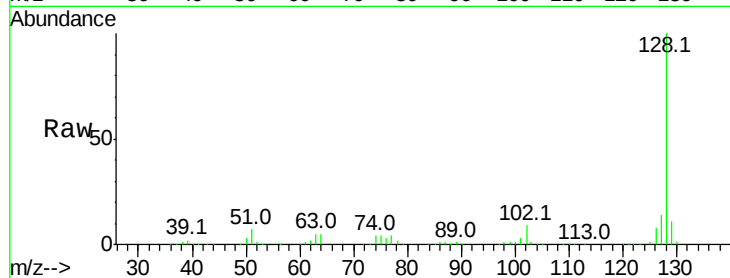
Tot Ion:128 Resp: 1101714

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

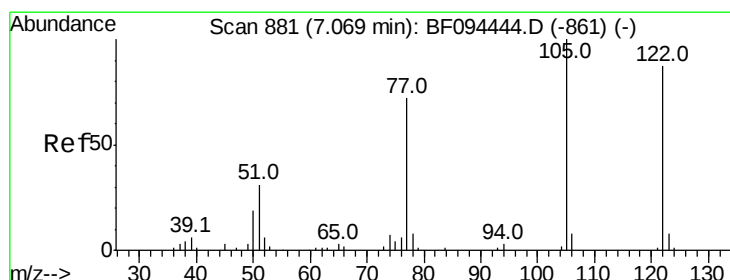
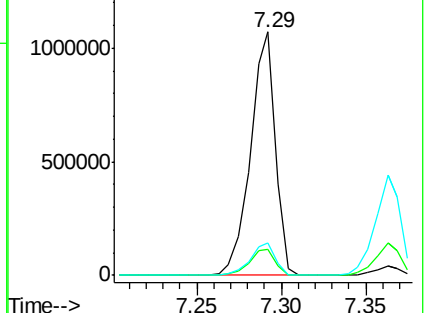
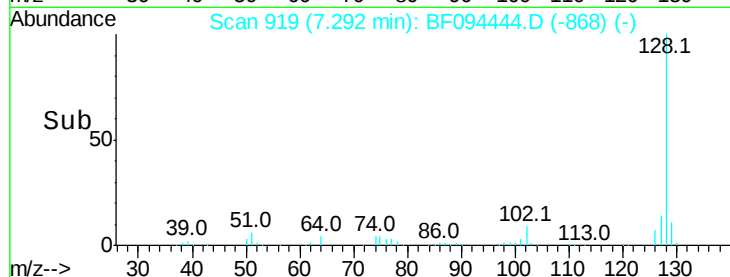
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.28 ng

RT: 7.07 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

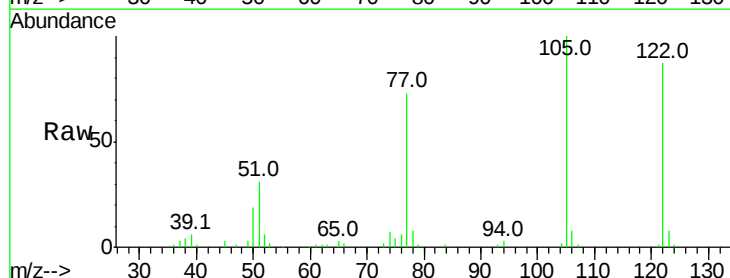
Tgt Ion:122 Resp: 184378

Ion Ratio Lower Upper

122 100

105 114.4 103.3 143.3

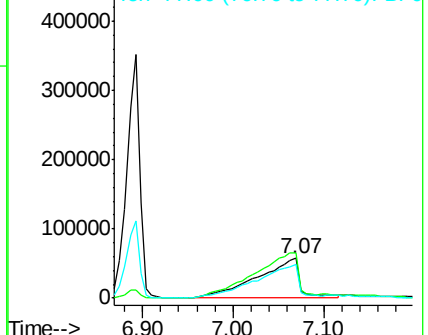
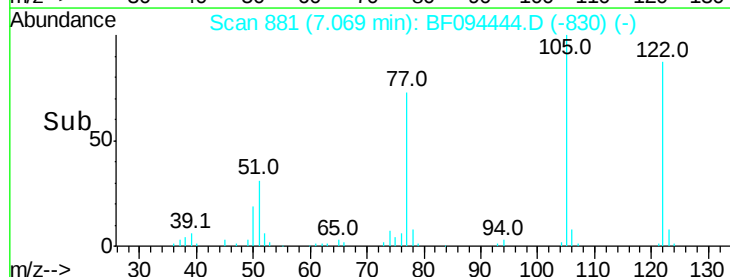
77 83.4 73.7 113.7

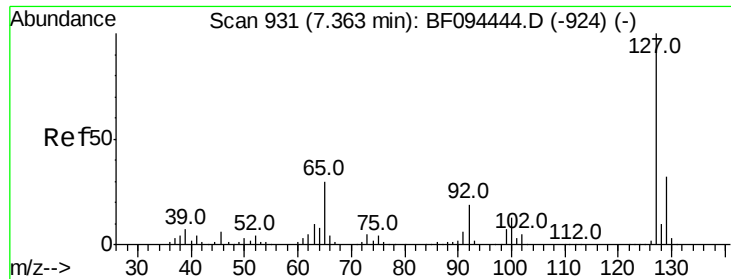


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

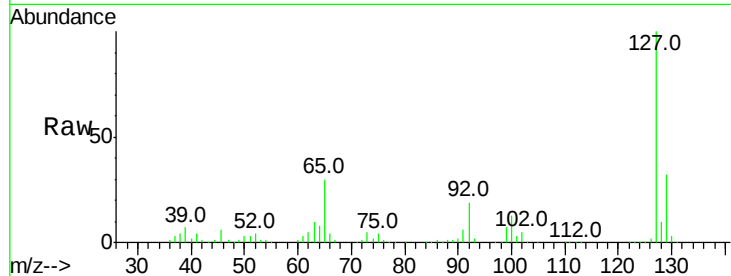




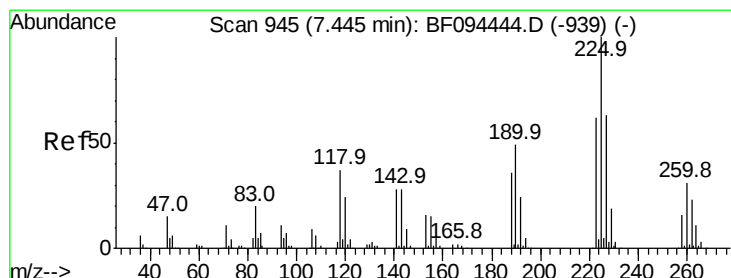
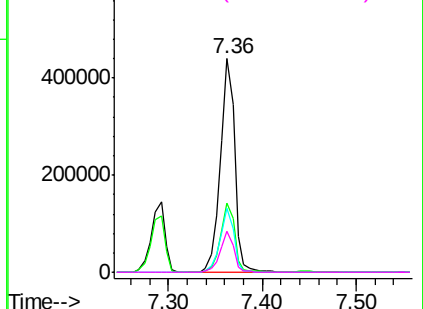
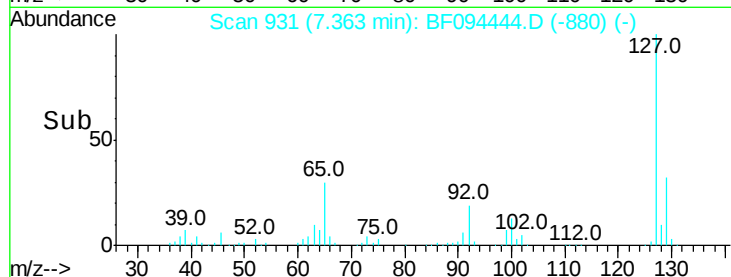
#33
 4-Chloroaniline
 Concen: 41.33 ng
 RT: 7.36 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	471993
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	30.1	27.8	41.8
92	19.1	16.8	25.2

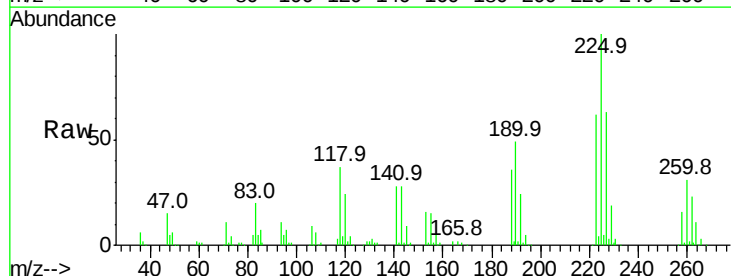


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

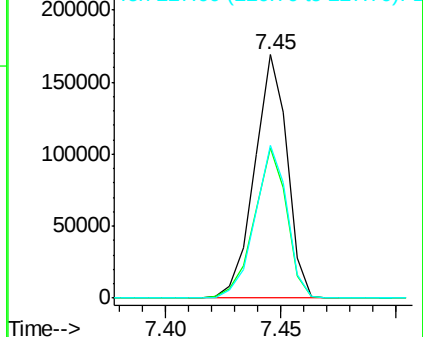
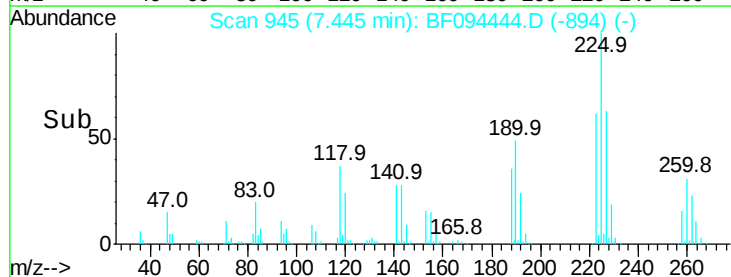


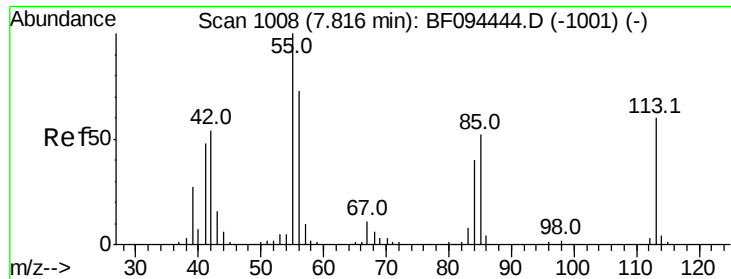
#34
 Hexachlorobutadiene
 Concen: 40.48 ng
 RT: 7.45 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:	225	Resp:	166348
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.8	73.2
227	62.6	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

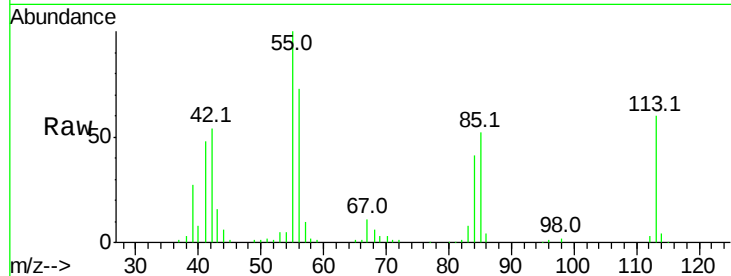




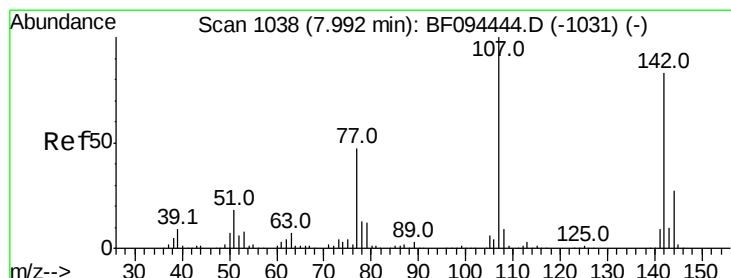
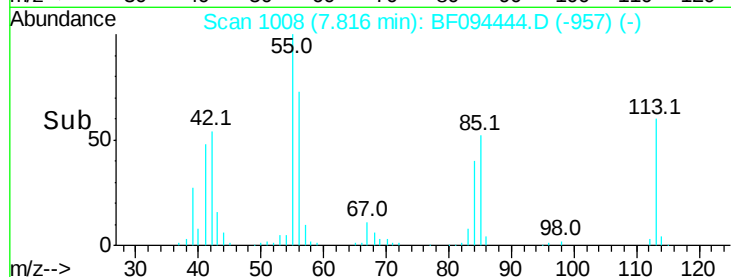
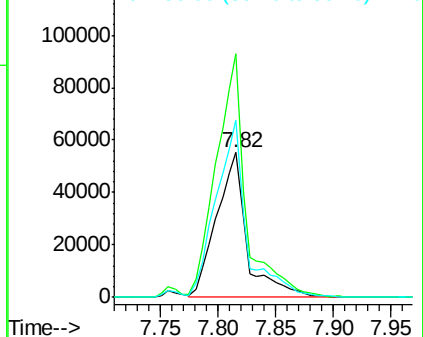
#35
 Caprolactam
 Concen: 40.81 ng
 RT: 7.82 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 101254
 Ion Ratio Lower Upper
 113 100
 55 168.0 150.2 190.2
 56 122.2 107.8 147.8

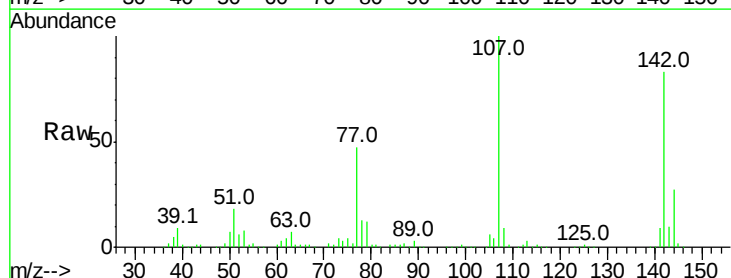


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

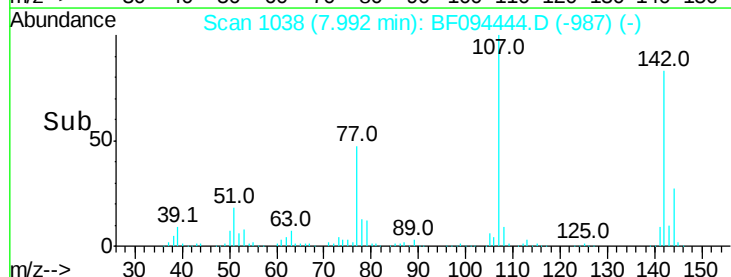
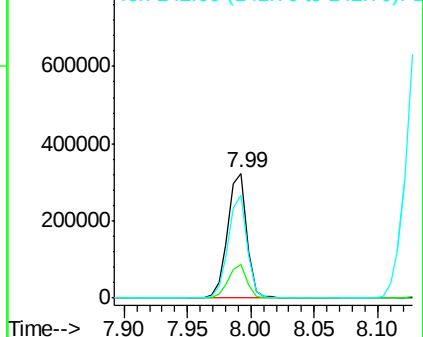


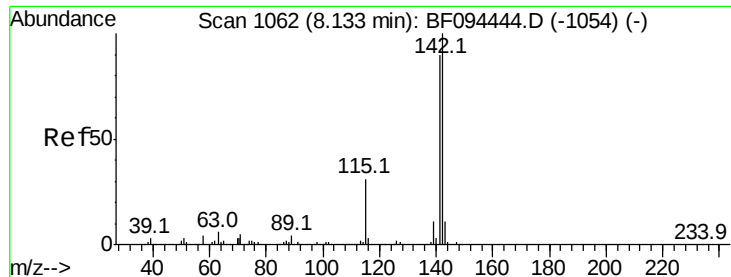
#36
 4-Chloro-3-methylphenol
 Concen: 41.65 ng
 RT: 7.99 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:107 Resp: 338586
 Ion Ratio Lower Upper
 107 100
 144 26.7 24.2 36.4
 142 82.5 73.4 110.0



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

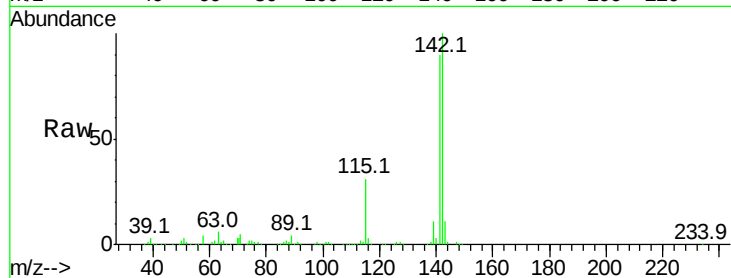




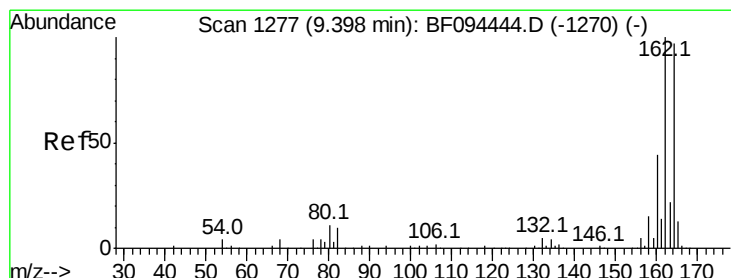
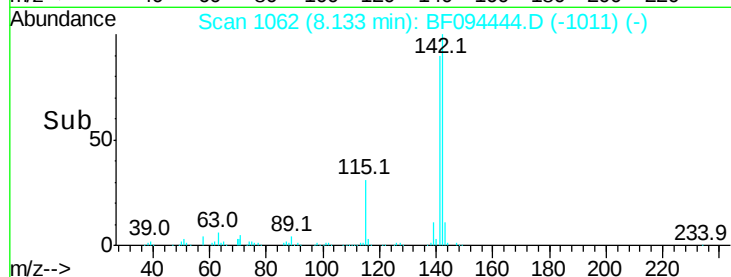
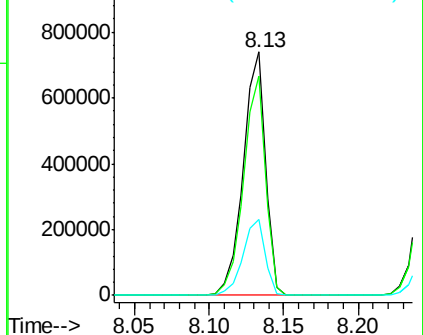
#37
 2-Methylnaphthalene
 Concen: 40.61 ng
 RT: 8.13 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	31.2	27.1	40.7

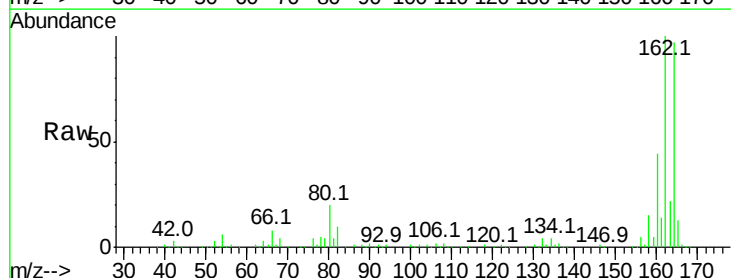


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

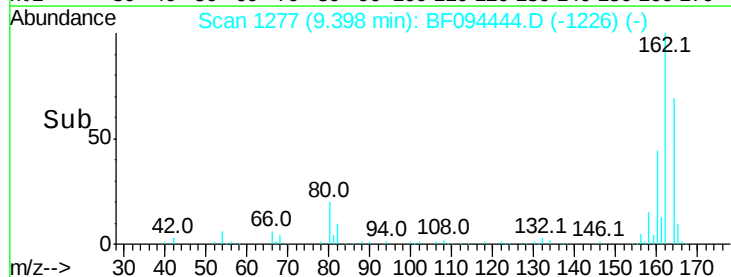
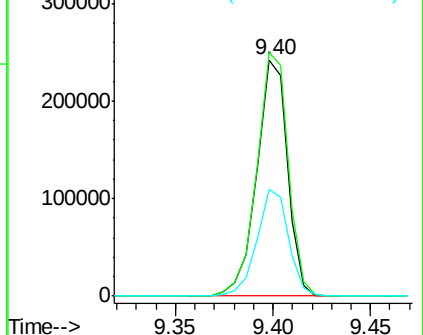


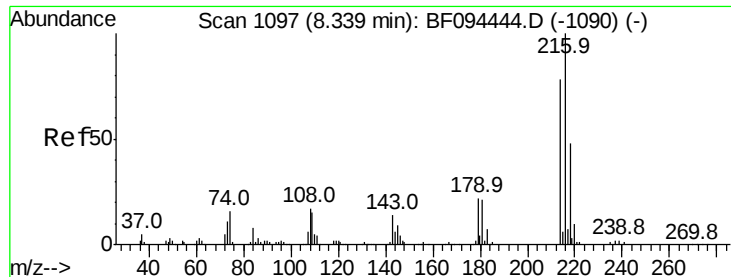
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	45.1	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

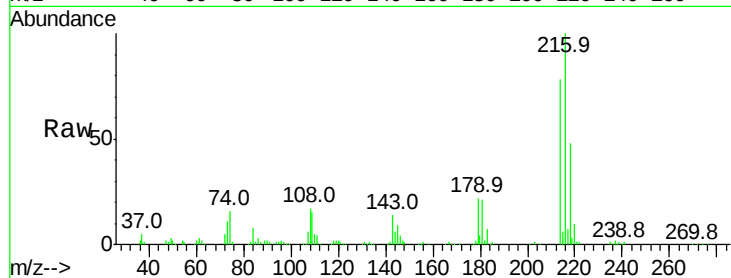




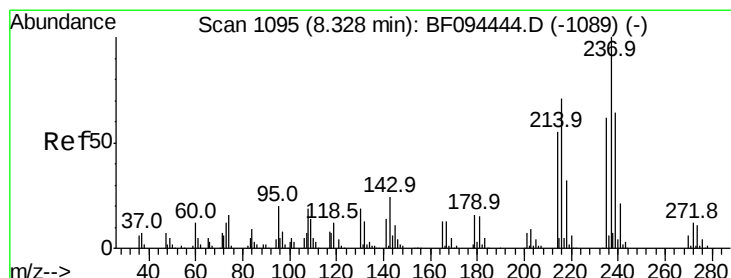
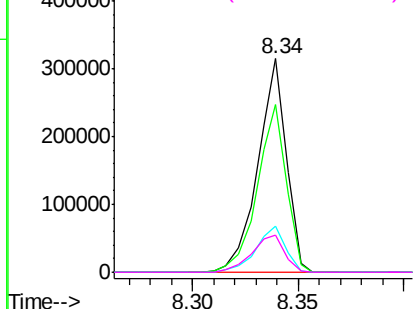
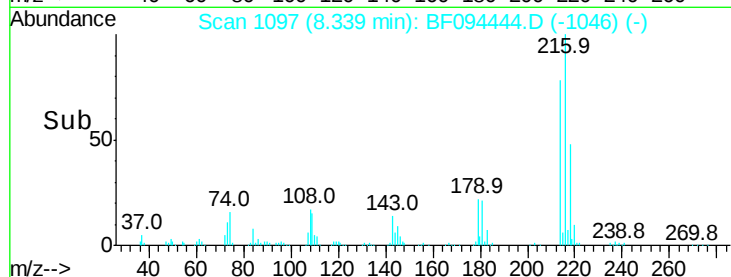
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.74 ng
 RT: 8.34 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	294822
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	22.2	17.9	26.9
108	20.0	16.5	24.7

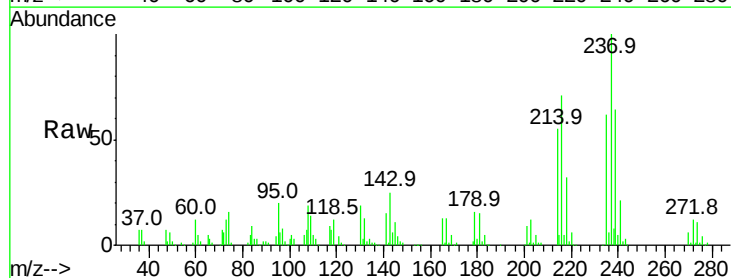


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

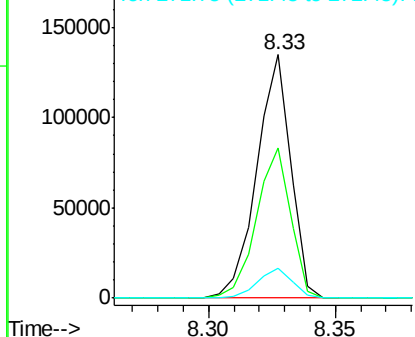
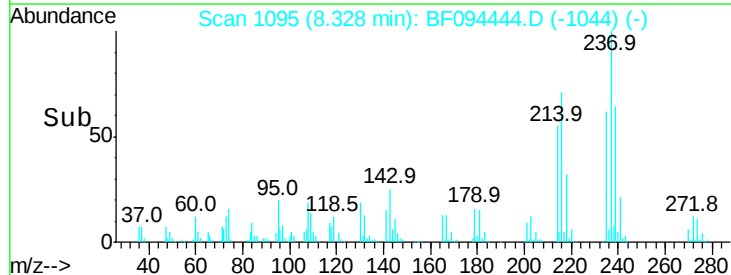


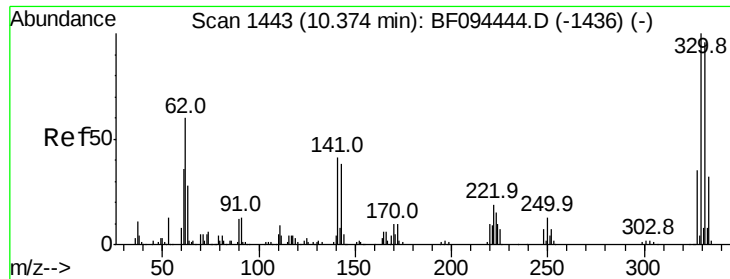
#40
 Hexachlorocyclopentadiene
 Concen: 37.22 ng
 RT: 8.33 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:	237	Resp:	126051
Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.6	82.6
272	12.3	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

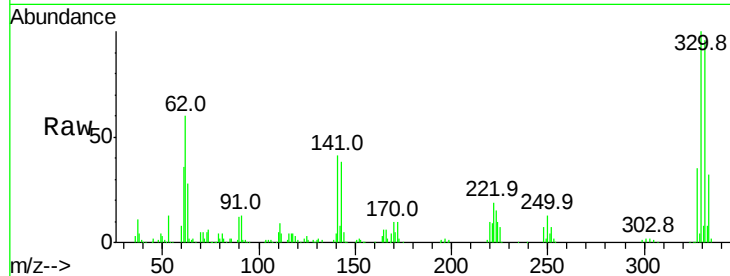




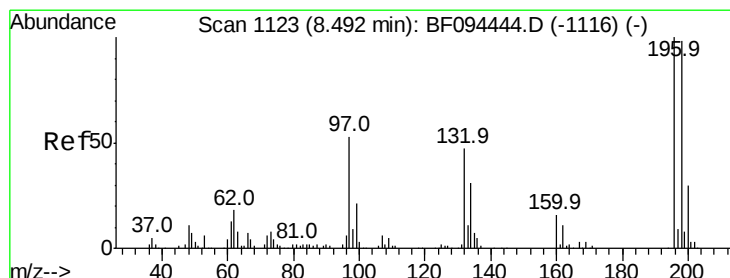
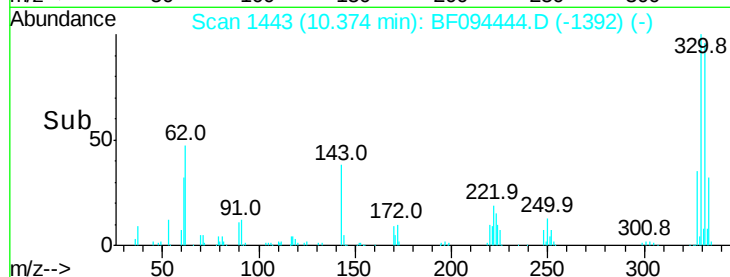
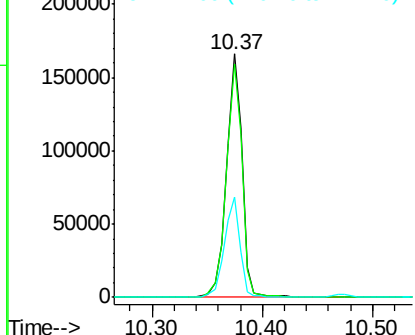
#41
 2,4,6-Tribromophenol
 Concen: 79.15 ng
 RT: 10.37 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 165470
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 41.0 31.4 47.2

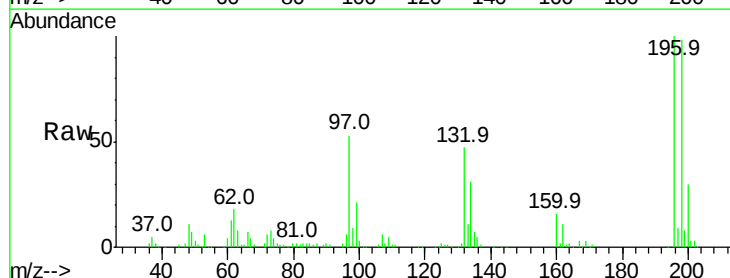


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

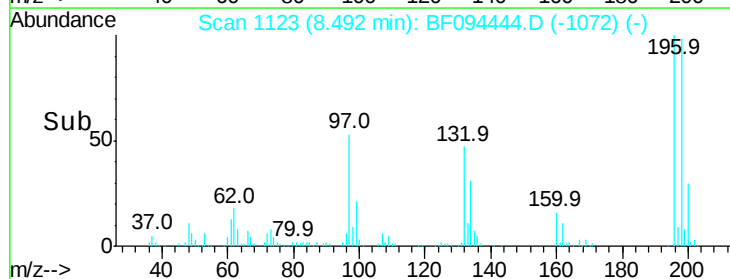
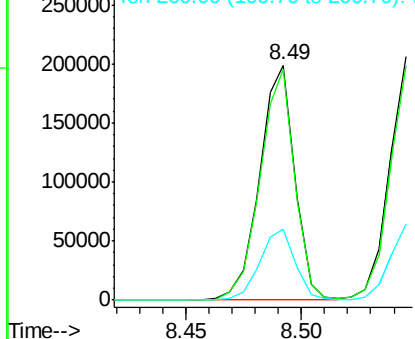


#42
 2,4,6-Trichlorophenol
 Concen: 41.05 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:196 Resp: 210212
 Ion Ratio Lower Upper
 196 100
 198 98.3 74.2 111.4
 200 30.4 24.0 36.0



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

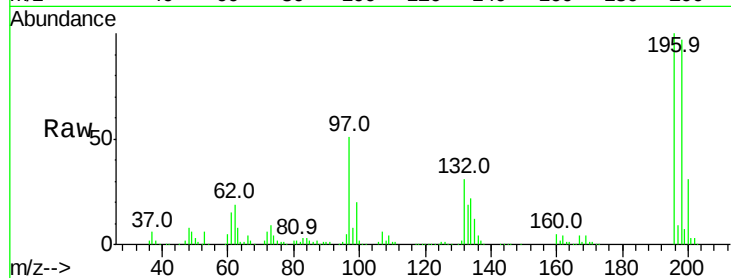




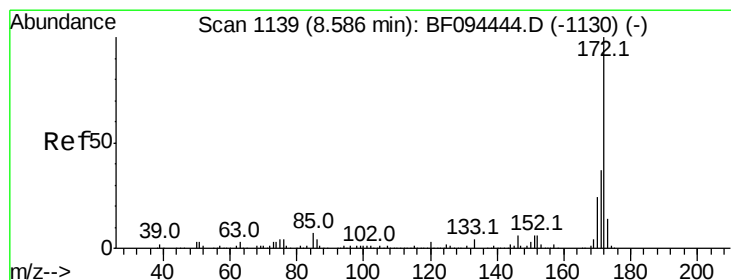
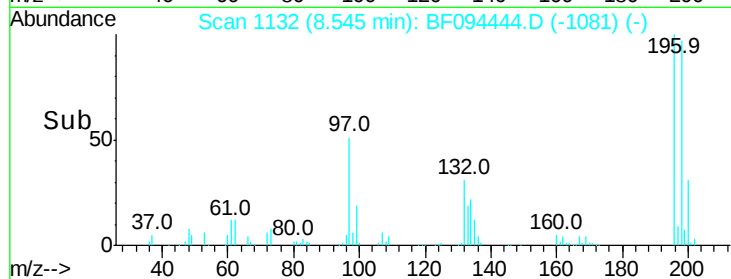
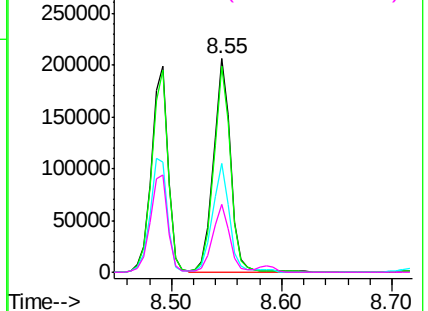
#43
 2,4,5-Trichlorophenol
 Concen: 39.26 ng
 RT: 8.55 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 217500
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.7 113.5
 97 51.1 47.7 71.5
 132 31.5 28.0 42.0

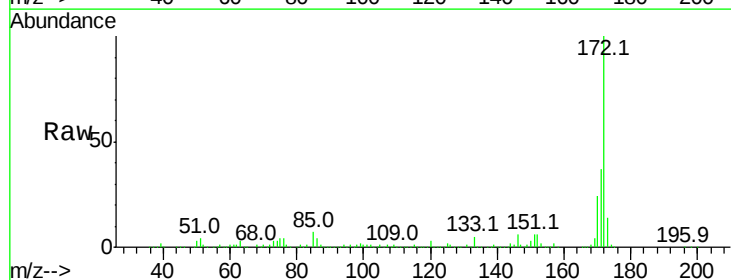


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

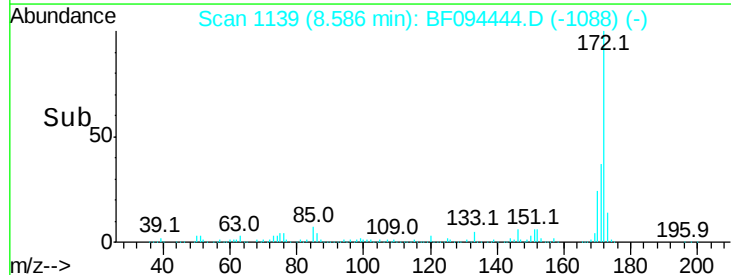
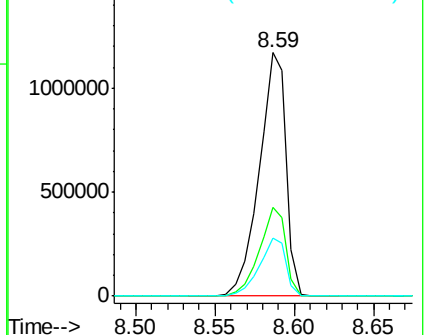


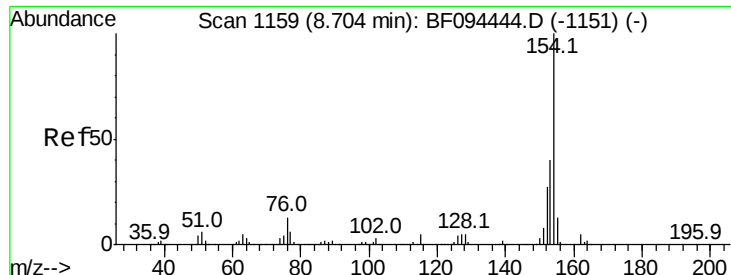
#44
 2-Fluorobiphenyl
 Concen: 79.51 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:172 Resp: 1379154
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.0 19.8 29.8



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

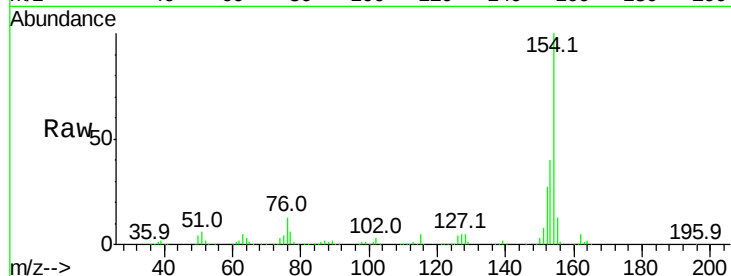




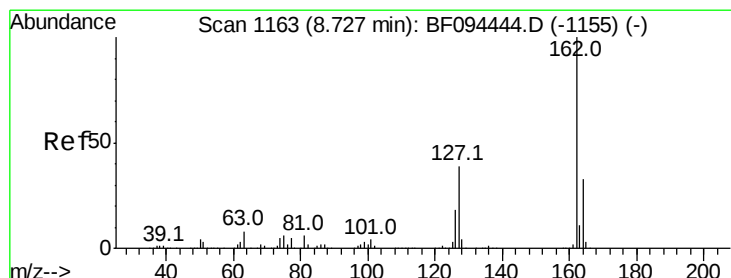
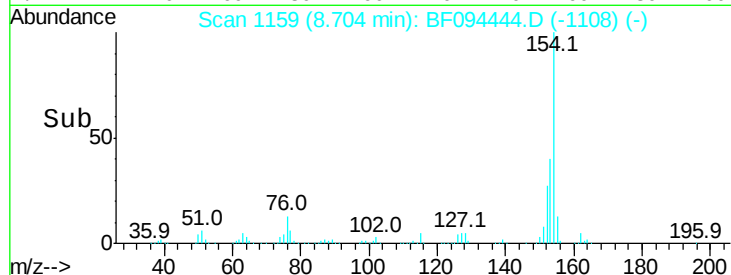
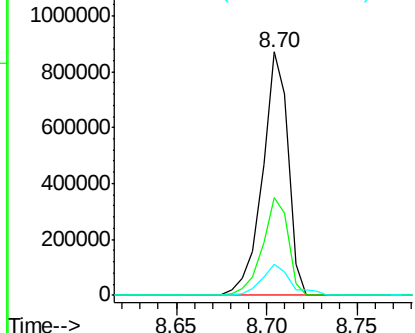
#45
 1,1'-Biphenyl
 Concen: 39.97 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	13.0	0.0	29.9

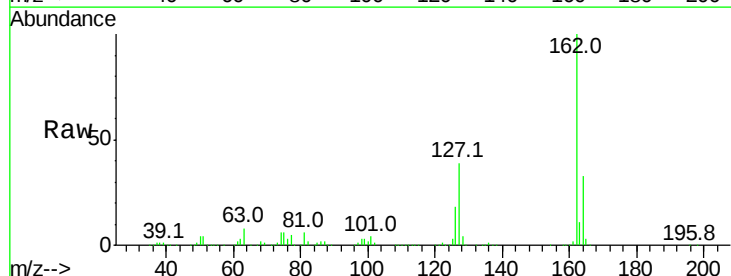


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

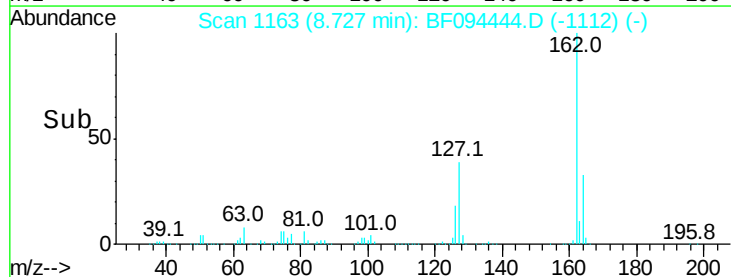
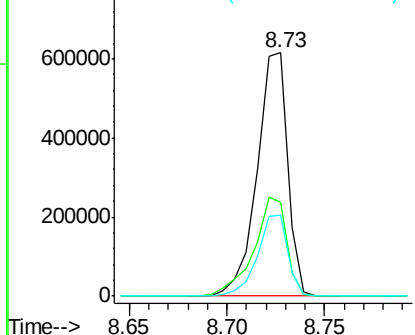


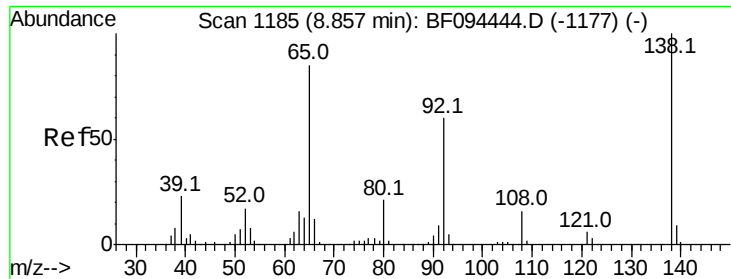
#46
 2-Chloronaphthalene
 Concen: 40.13 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	28.3	42.5
164	33.4	27.0	40.4



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

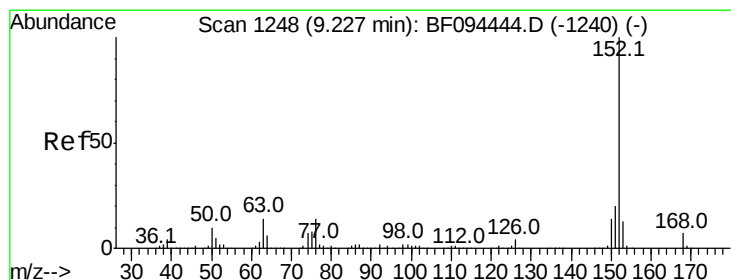
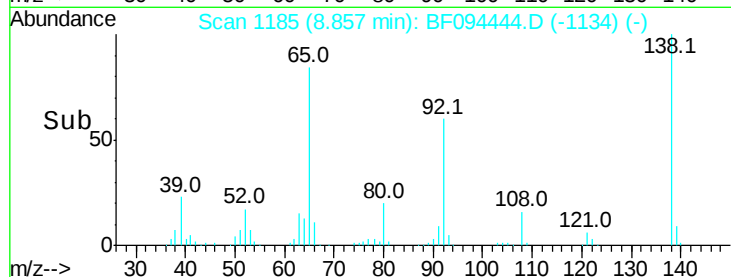
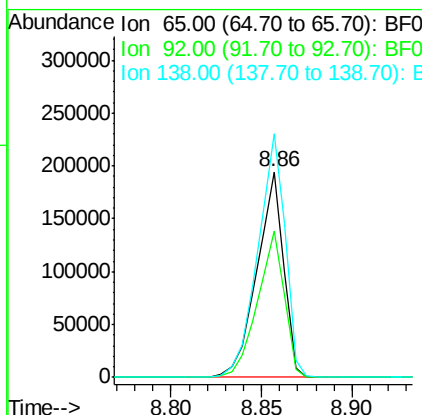
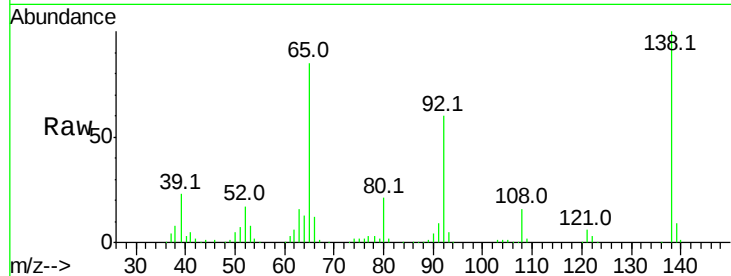




#47
 2-Nitroaniline
 Concen: 40.30 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

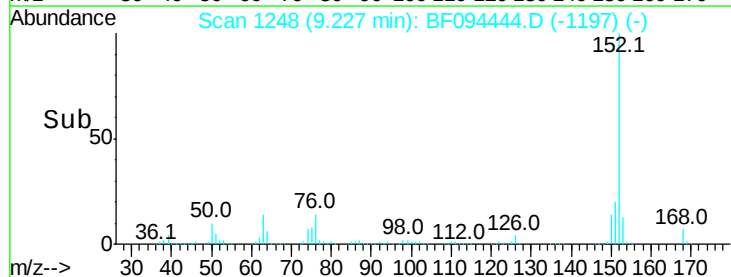
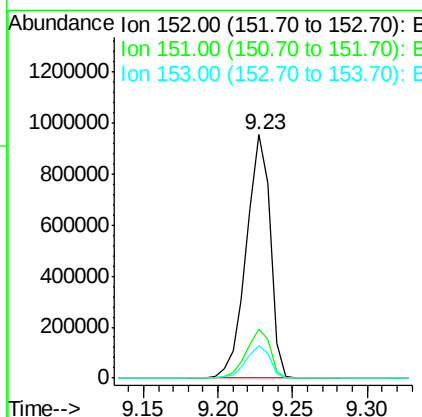
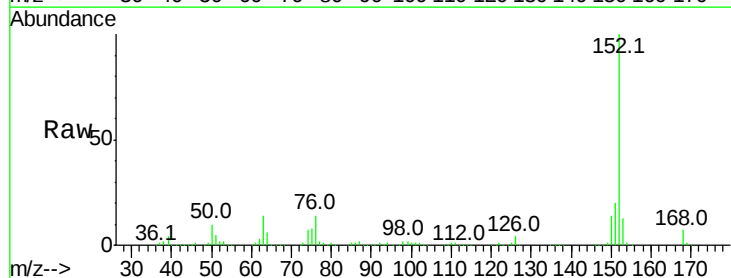
Instrument :
 BNA_F
 ClientSampleId :

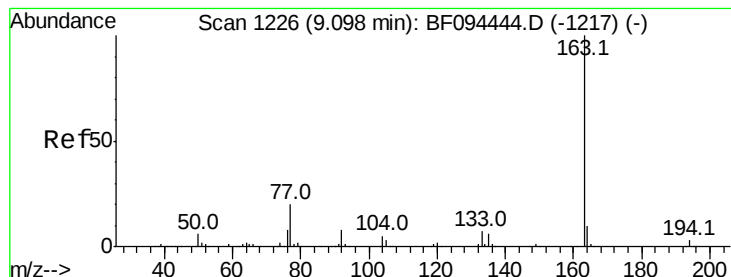
Tot Ion: 65 Resp: 199703
 Ion Ratio Lower Upper
 65 100
 92 71.2 53.9 80.9
 138 118.3 78.8 118.2#



#48
 Acenaphthylene
 Concen: 37.90 ng
 RT: 9.23 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:152 Resp: 1052053
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 41.12 ng

RT: 9.10 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampleId :

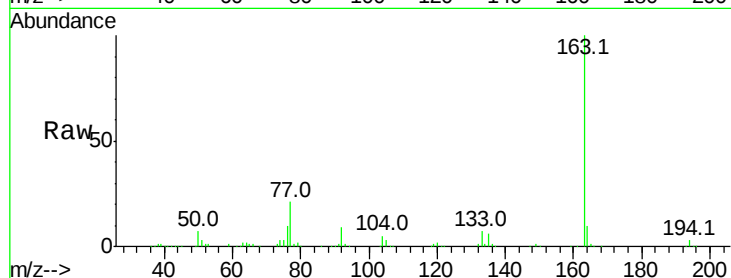
Tot Ion:163 Resp: 773338

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

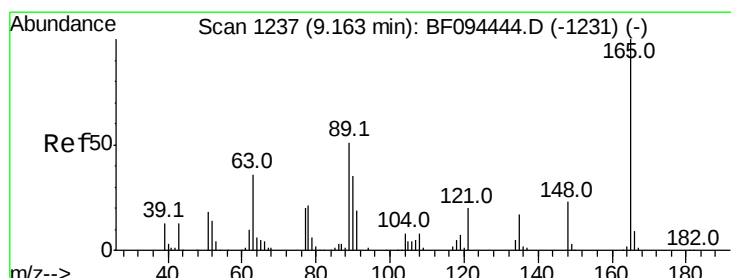
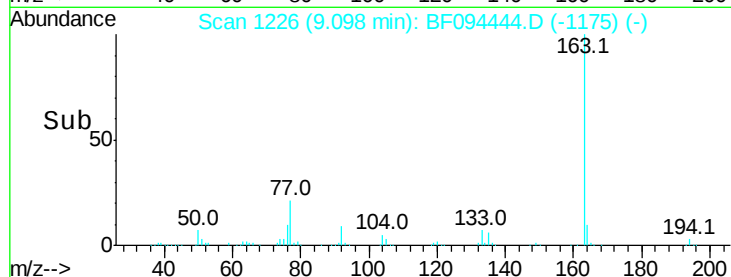
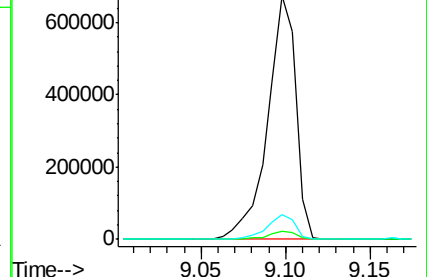
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.32 ng

RT: 9.16 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

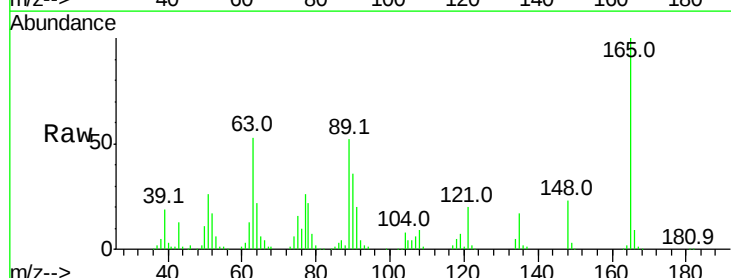
Tgt Ion:165 Resp: 178146

Ion Ratio Lower Upper

165 100

63 52.8 34.3 51.5#

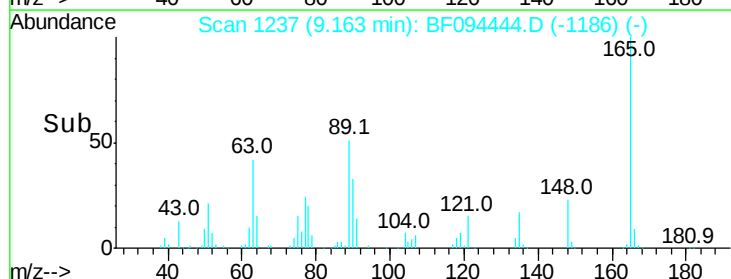
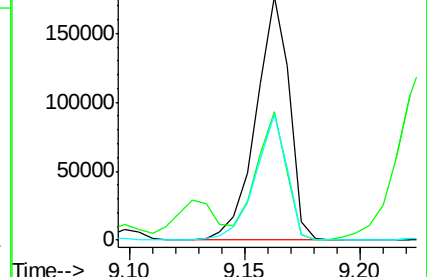
89 51.6 37.1 55.7

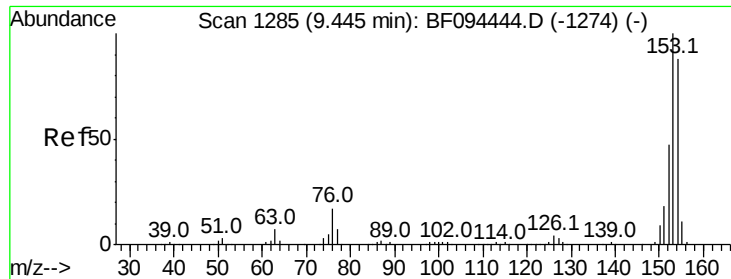


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

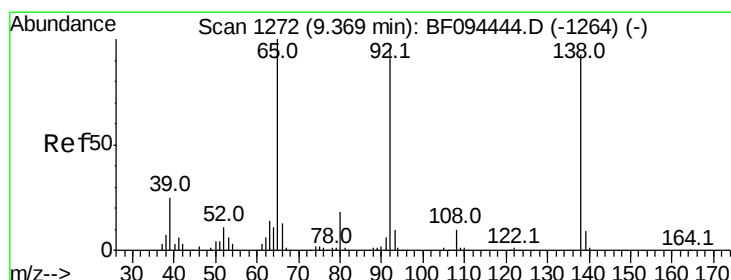
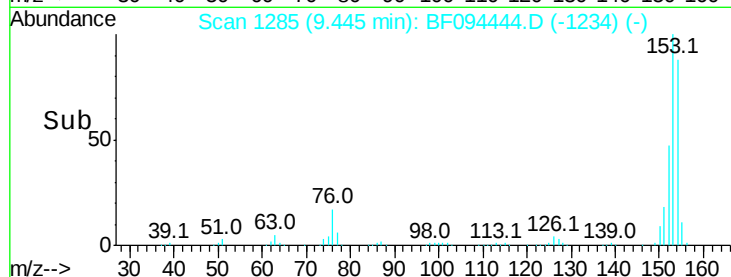
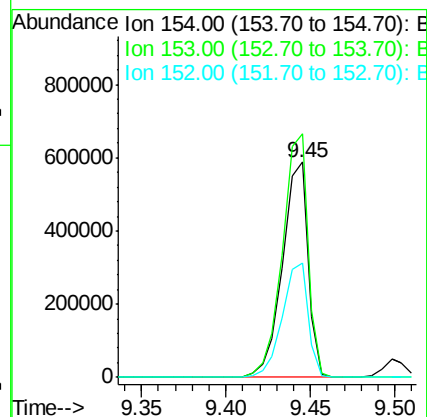
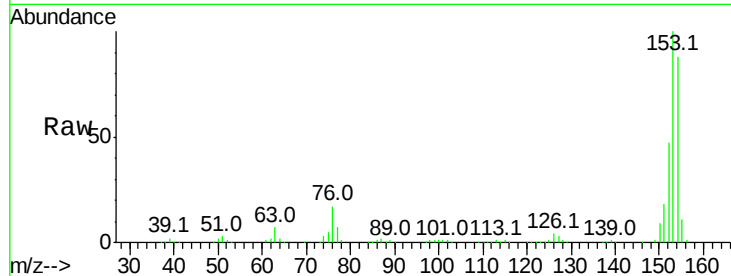




#51
Acenaphthene
Concen: 38.52 ng
RT: 9.45 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

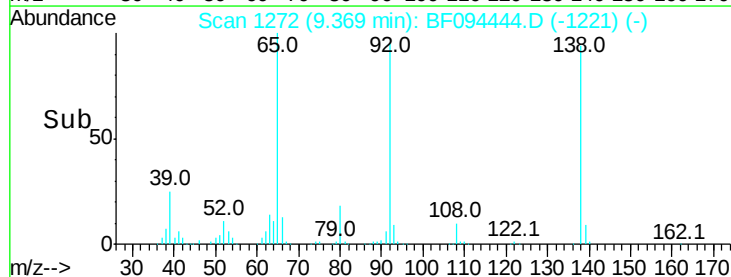
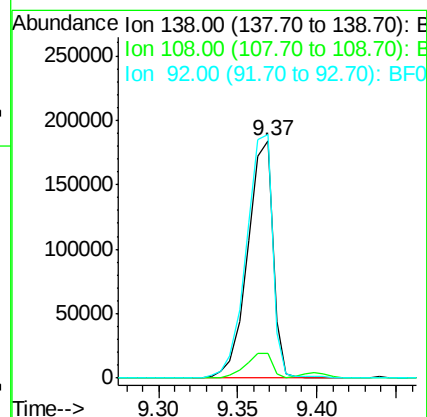
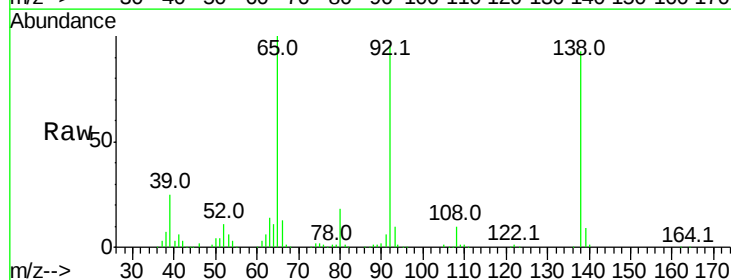
Instrument :
BNA_F
ClientSampleId :

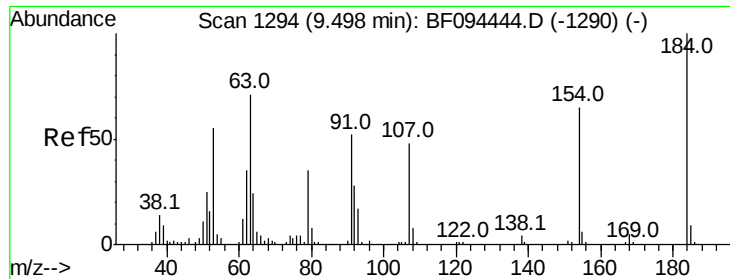
Tot Ion:154 Resp: 624048
Ion Ratio Lower Upper
154 100
153 113.3 90.5 135.7
152 53.4 43.6 65.4



#52
3-Nitroaniline
Concen: 40.26 ng
RT: 9.37 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Tgt Ion:138 Resp: 203798
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 102.6 93.8 140.6

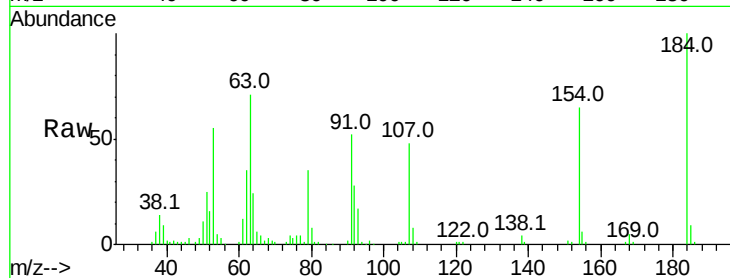




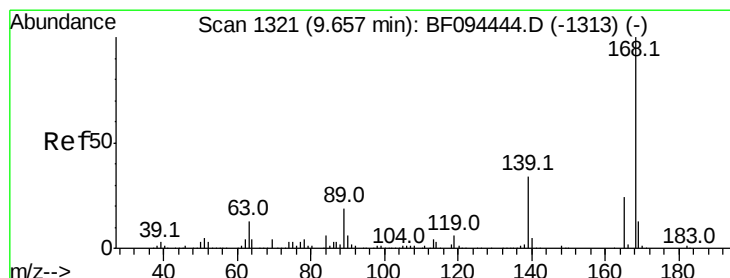
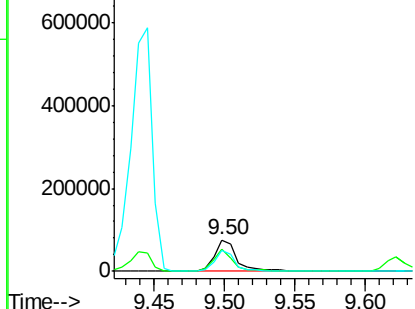
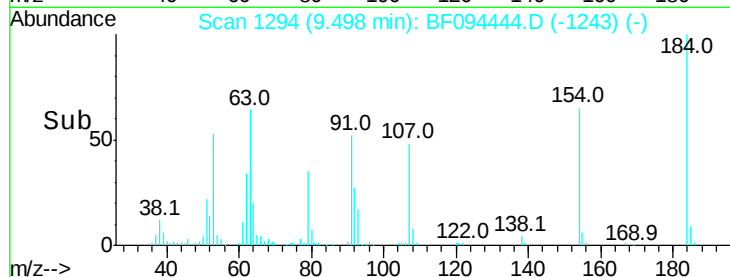
#53
2,4-Dinitrophenol
Concen: 41.53 ng
RT: 9.50 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 85326
Ion Ratio Lower Upper
184 100
63 70.6 62.7 94.1
154 64.5 81.1 121.7#

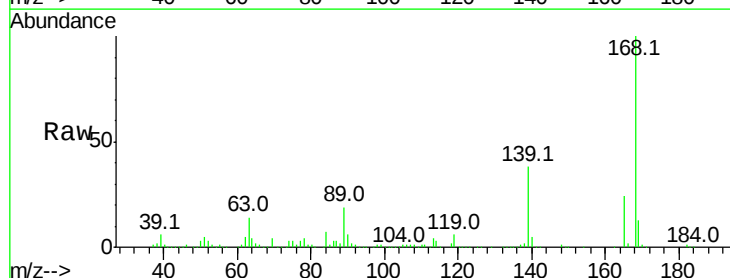


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

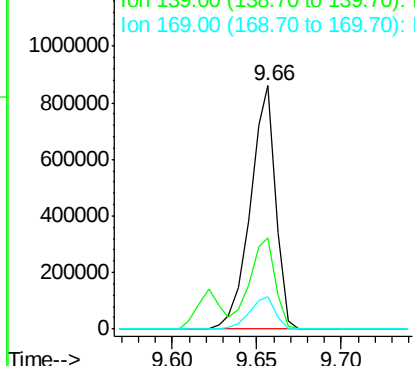
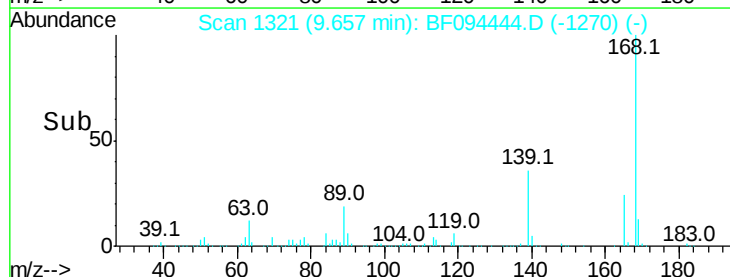


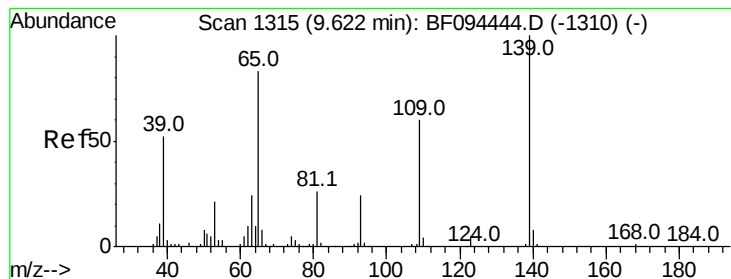
#54
Dibenzofuran
Concen: 40.78 ng
RT: 9.66 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Tgt Ion:168 Resp: 899126
Ion Ratio Lower Upper
168 100
139 37.6 30.6 45.8
169 13.5 10.8 16.2



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





#55

4-Nitrophenol

Concen: 34.47 ng

RT: 9.62 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampled :

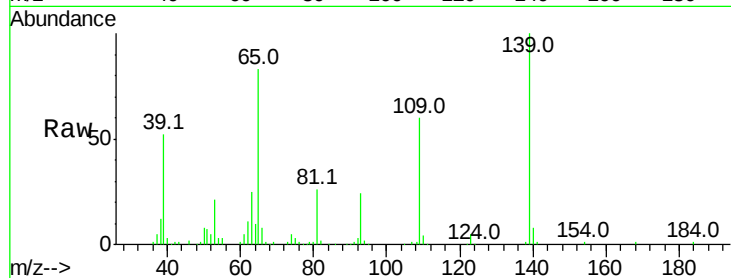
Tot Ion:139 Resp: 136645

Ion Ratio Lower Upper

139 100

109 59.6 34.1 74.1

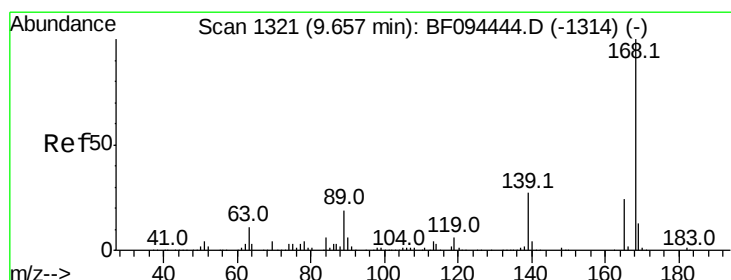
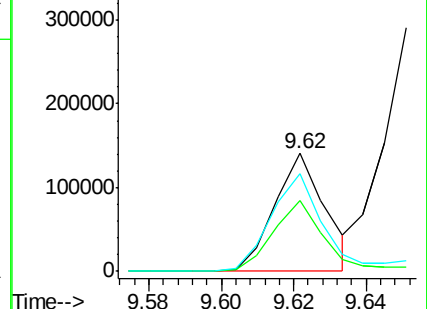
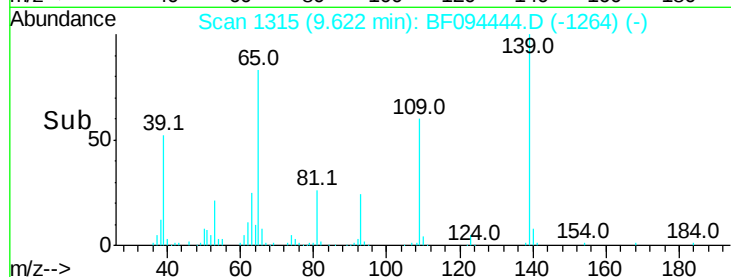
65 82.6 31.4 71.4#



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: 39.56 ng

RT: 9.66 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Tgt Ion:165 Resp: 214243

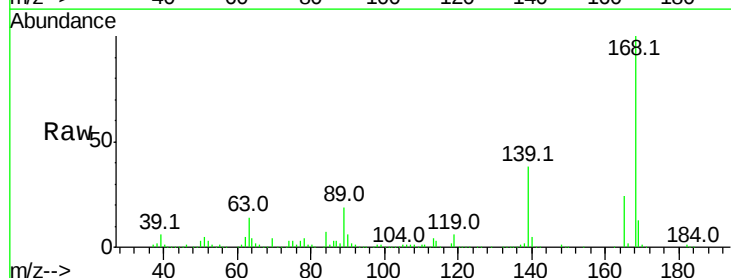
Ion Ratio Lower Upper

165 100

63 60.1 25.4 38.0#

89 79.7 46.4 69.6#

182 2.3 1.8 2.6

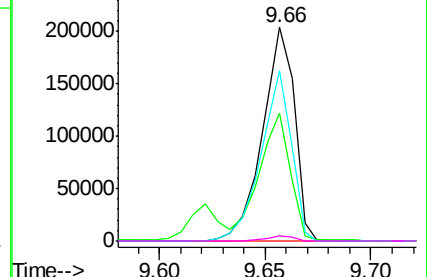
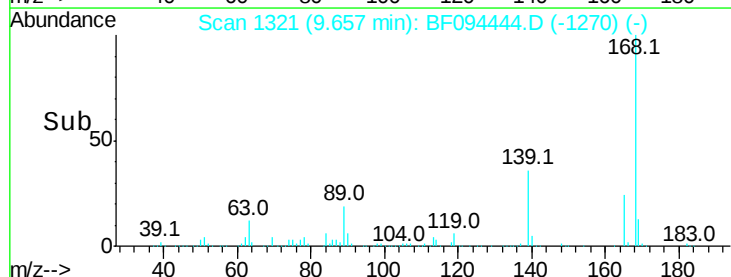


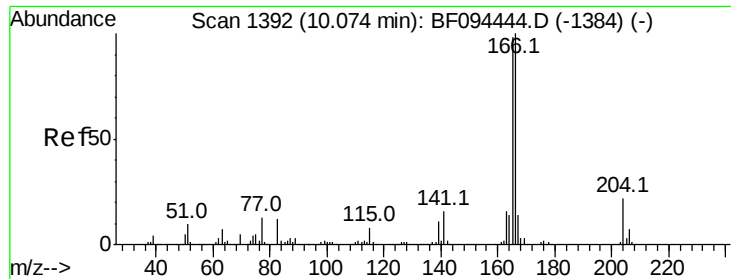
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

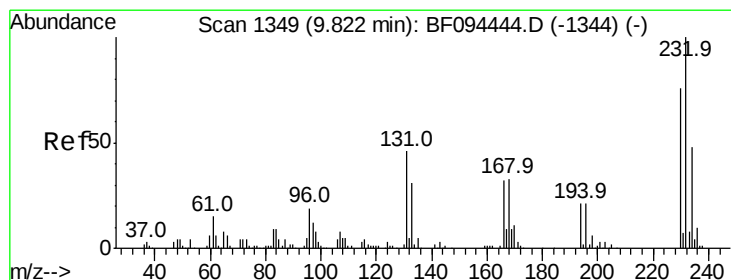
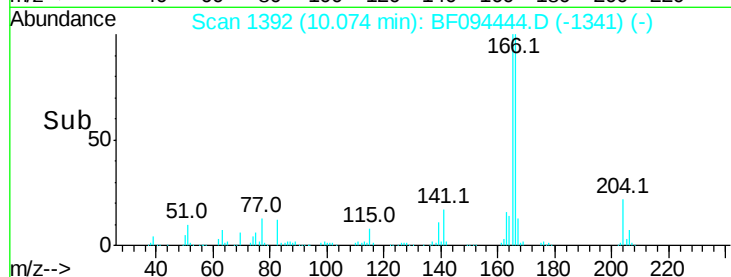
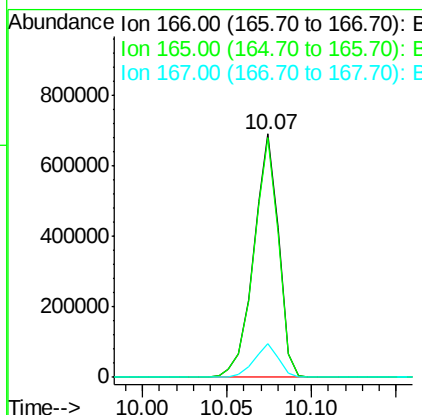
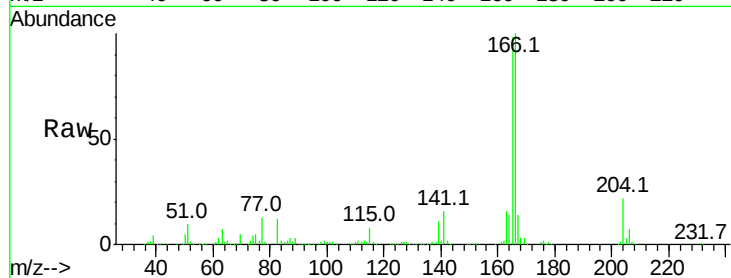




#57
 Fluorene
 Concen: 38.57 ng
 RT: 10.07 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

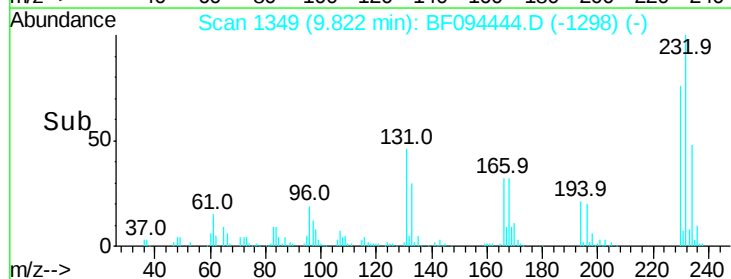
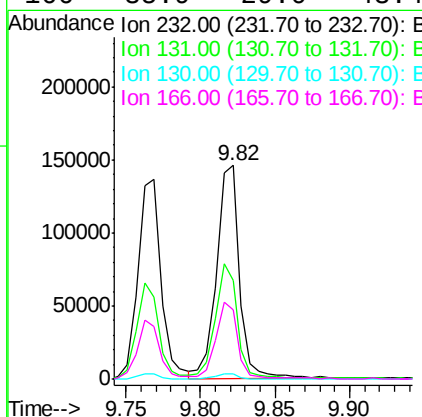
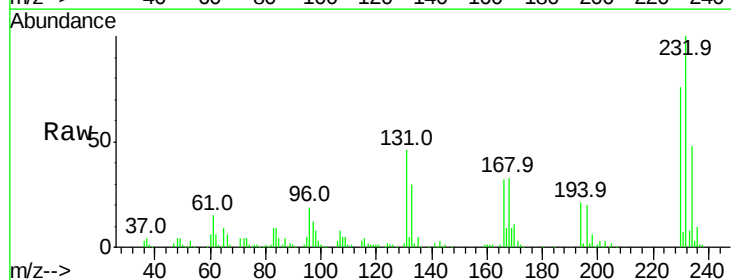
Instrument :
 BNA_F
 ClientSampleId :

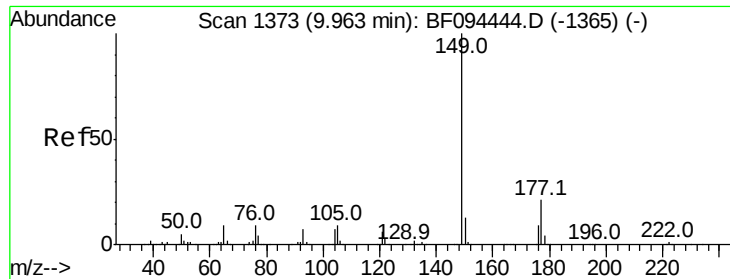
Tot Ion:166 Resp: 705339
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.8 118.2
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.22 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:232 Resp: 156712
 Ion Ratio Lower Upper
 232 100
 131 51.4 44.8 67.2
 130 2.4 2.3 3.5
 166 35.9 29.0 43.4

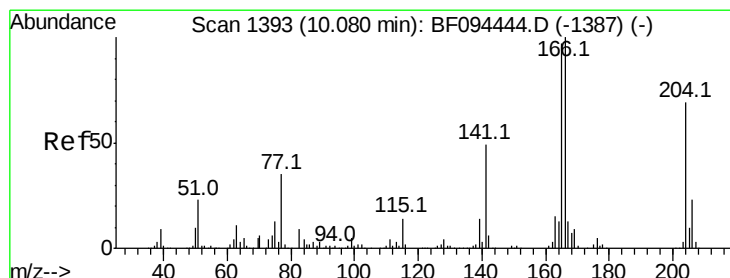
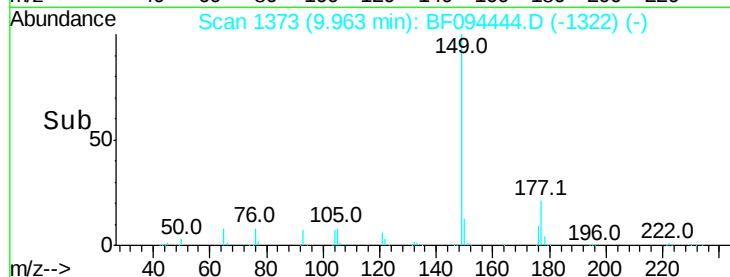
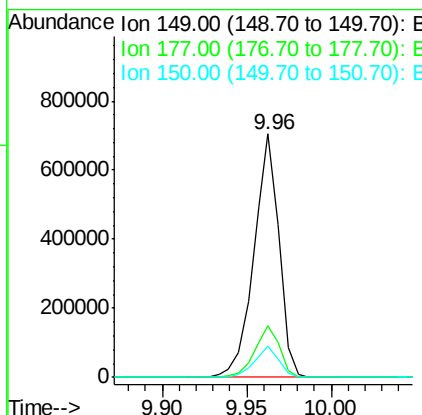
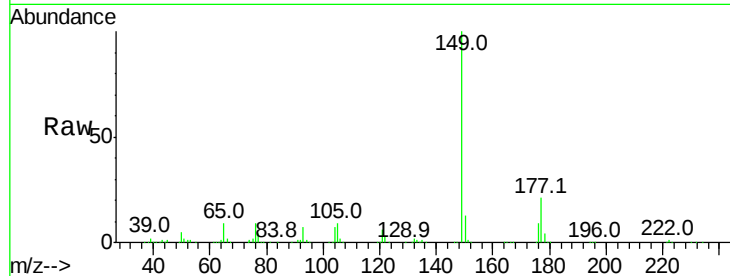




#59
Diethylphthalate
Concen: 39.16 ng
RT: 9.96 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

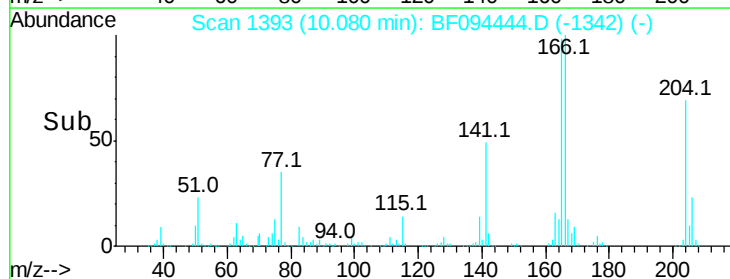
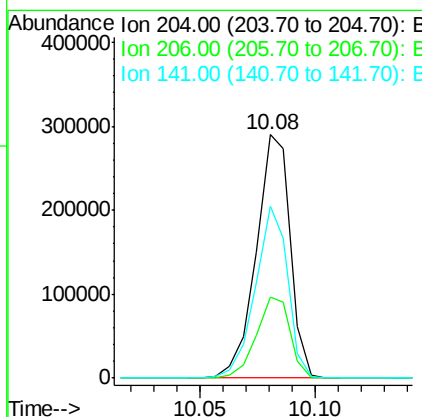
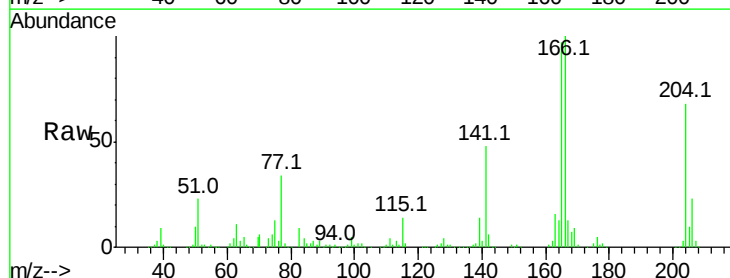
Instrument :
BNA_F
ClientSampleId :

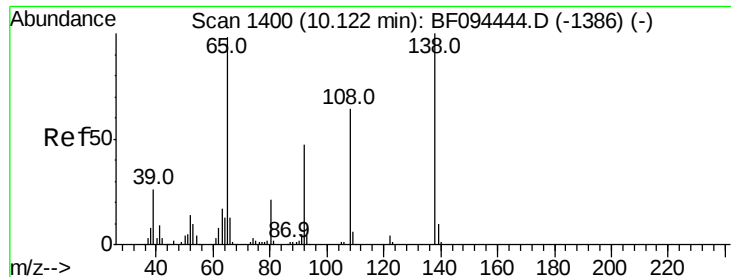
Tot Ion:149 Resp: 727846
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.25 ng
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Tgt Ion:204 Resp: 298006
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 70.5 60.8 91.2

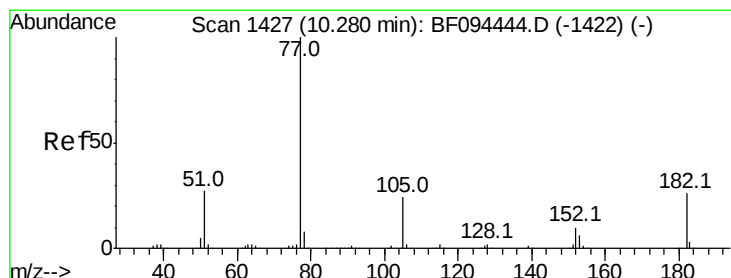
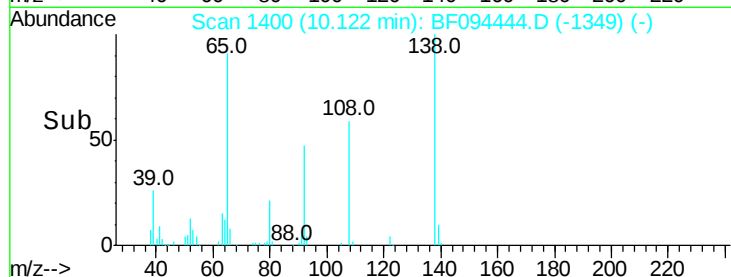
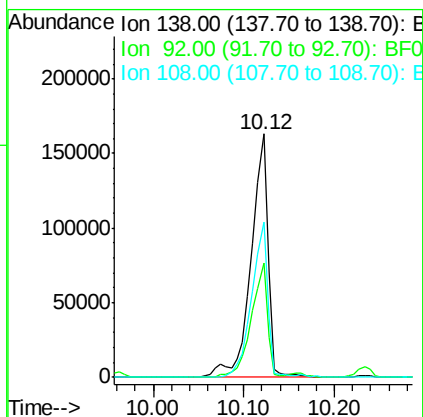
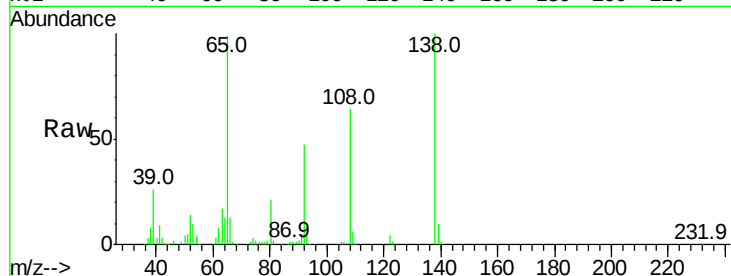




#61
4-Nitroaniline
Concen: 43.29 ng
RT: 10.12 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

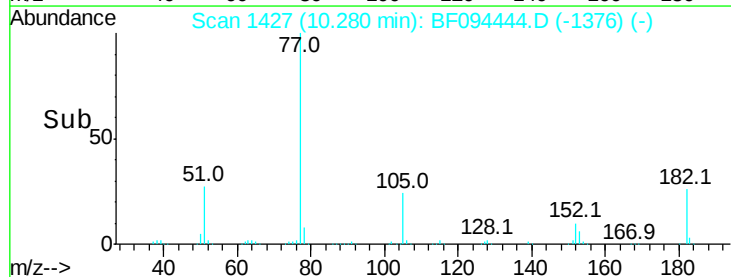
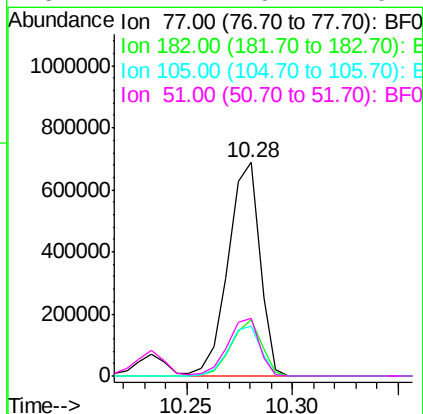
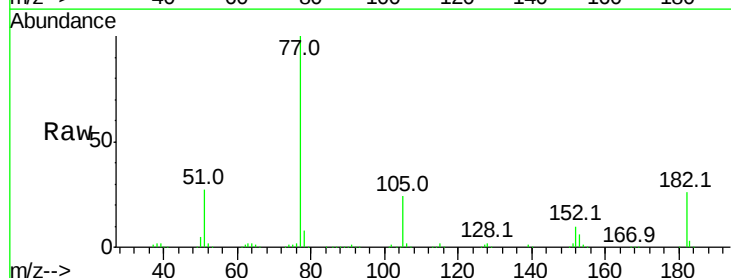
Instrument :
BNA_F
ClientSampleId :

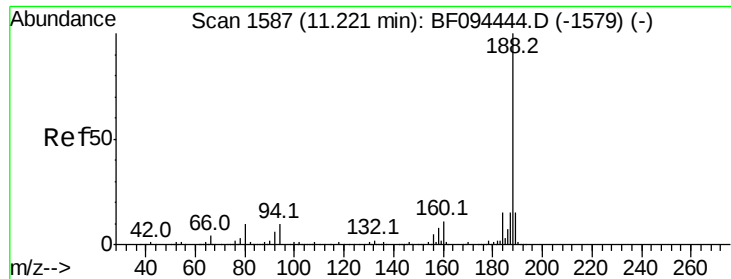
Tot Ion:138 Resp: 210279
Ion Ratio Lower Upper
138 100
92 47.1 21.8 61.8
108 63.5 42.3 82.3



#62
Azobenzene
Concen: 40.62 ng
RT: 10.28 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Tgt Ion: 77 Resp: 714158
Ion Ratio Lower Upper
77 100
182 26.3 0.1 40.1
105 23.6 3.6 43.6
51 27.2 9.4 49.4

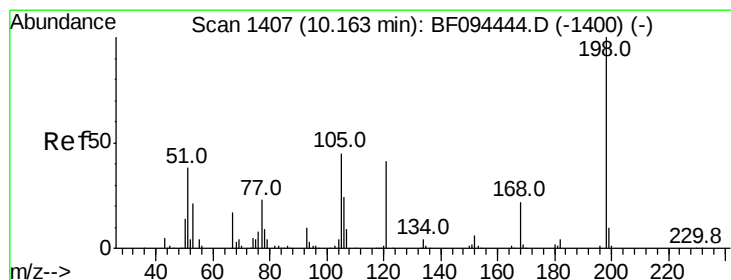
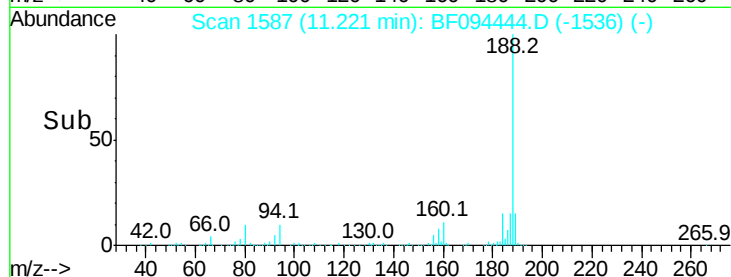
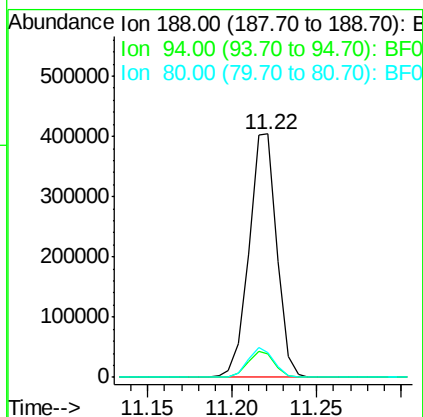
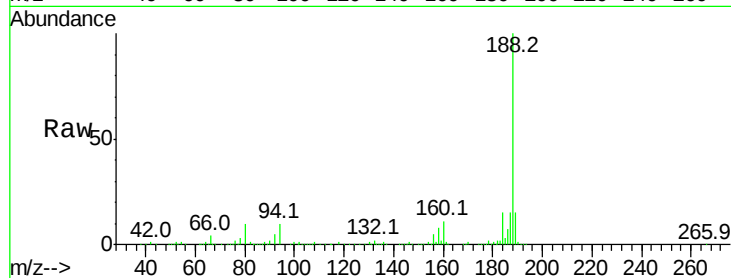




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

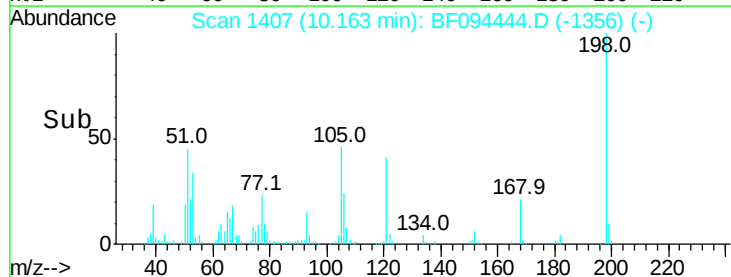
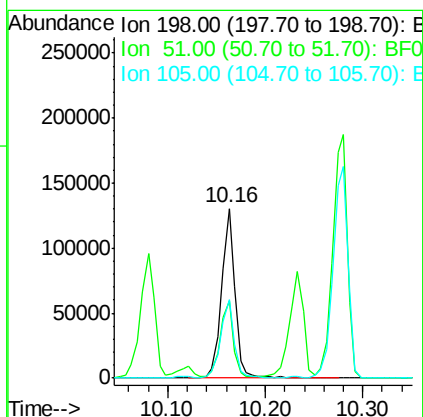
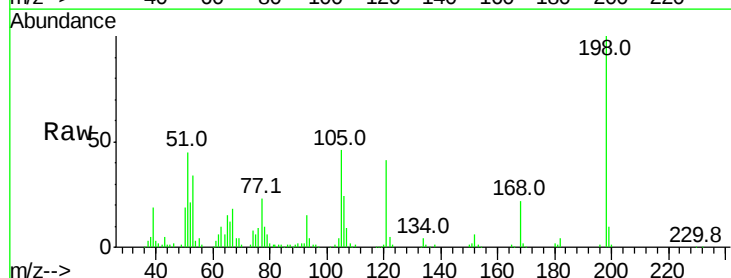
Instrument :
BNA_F
ClientSampleId :

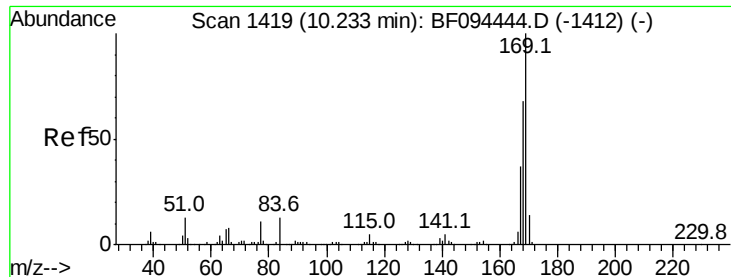
Tot Ion:188 Resp: 464462
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 10.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 44.06 ng
RT: 10.16 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Tgt Ion:198 Resp: 125315
Ion Ratio Lower Upper
198 100
51 45.2 53.2 93.2#
105 46.5 45.8 85.8

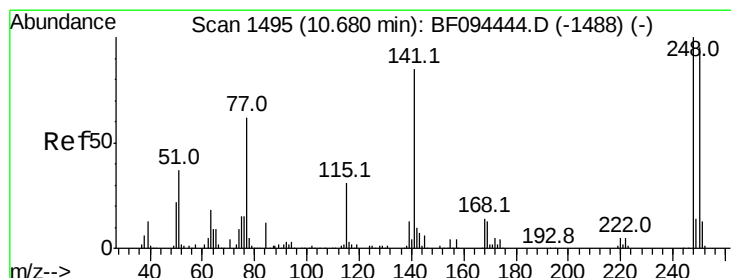
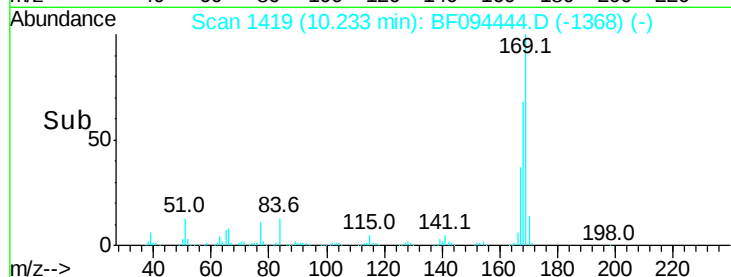
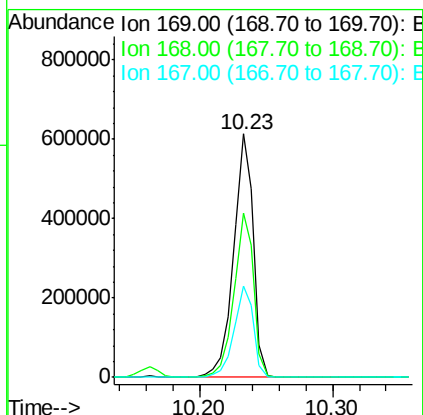
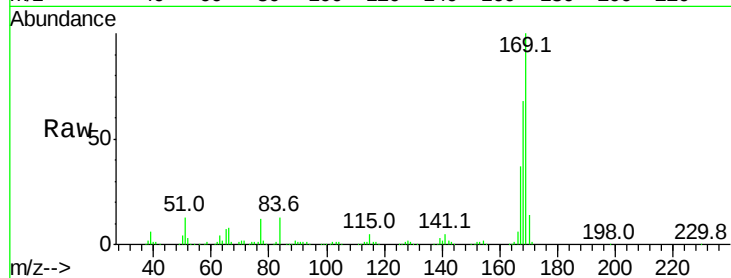




#65
 n-Nitrosodiphenylamine
 Concen: 39.31 ng
 RT: 10.23 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

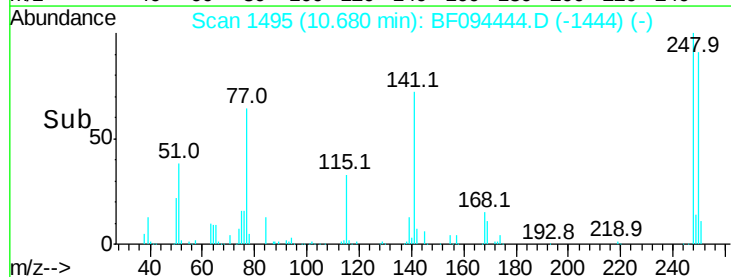
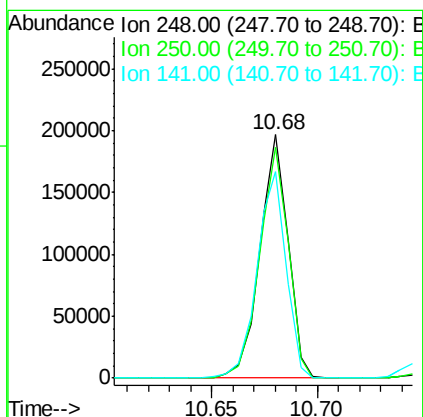
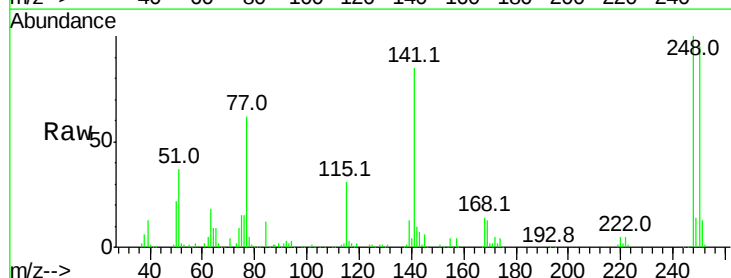
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 631432
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.2 79.8
 167 37.4 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.95 ng
 RT: 10.68 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:248 Resp: 182493
 Ion Ratio Lower Upper
 248 100
 250 94.8 76.8 115.2
 141 84.7 68.6 103.0

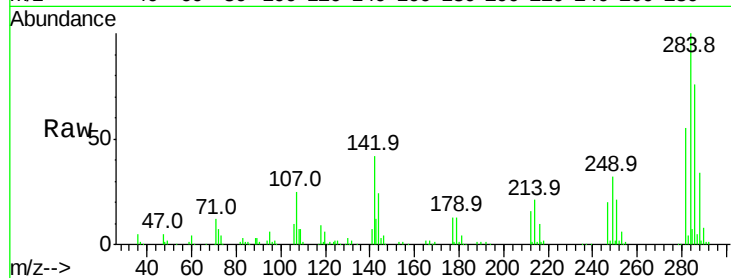




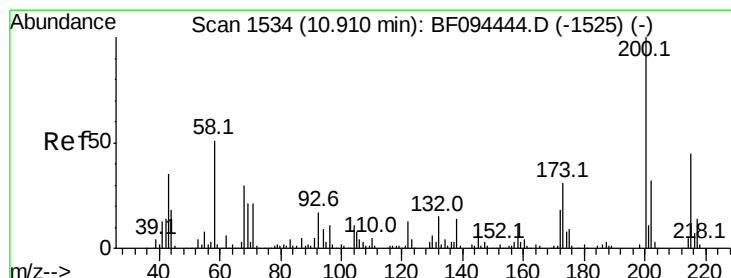
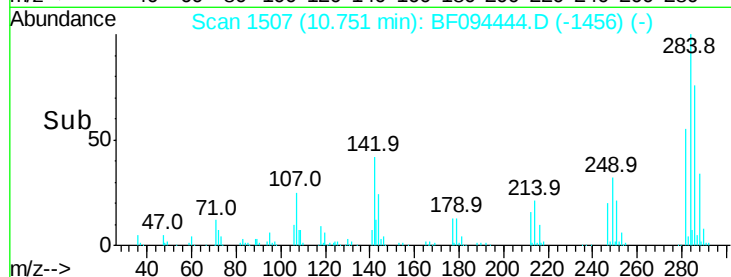
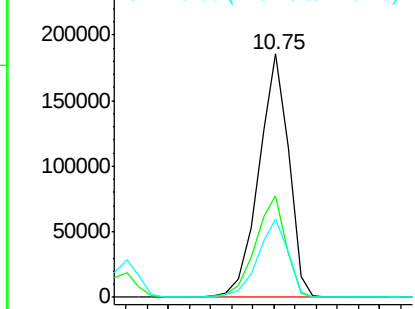
#67
Hexachlorobenzene
Concen: 39.40 ng
RT: 10.75 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 182196
Ion Ratio Lower Upper
284 100
142 41.6 22.8 34.2#
249 32.5 24.0 36.0

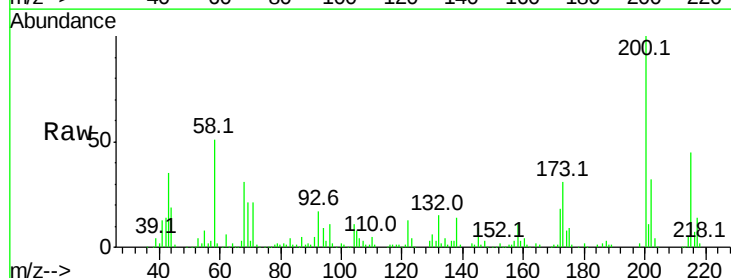


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

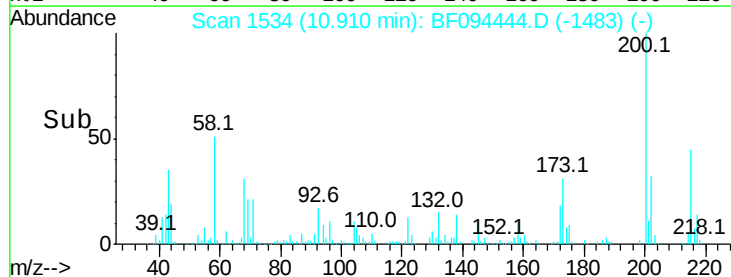
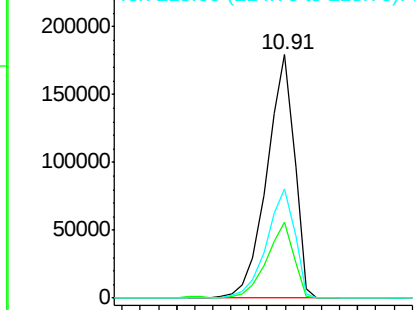


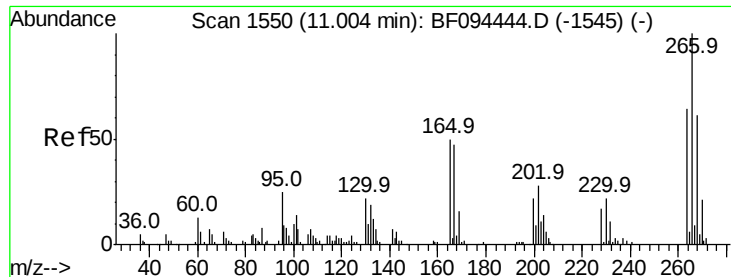
#68
Atrazine
Concen: 39.63 ng
RT: 10.91 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Tgt Ion:200 Resp: 190661
Ion Ratio Lower Upper
200 100
173 31.2 6.3 46.3
215 44.8 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

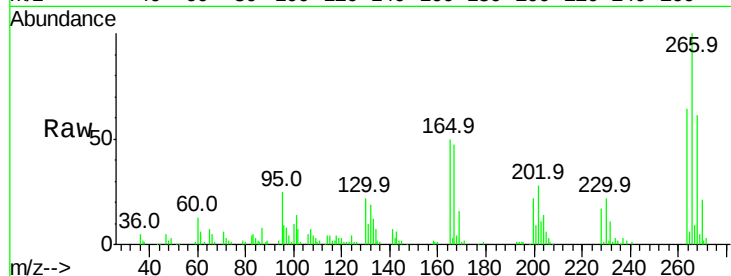




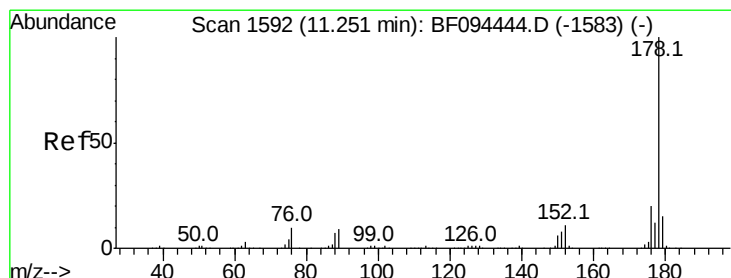
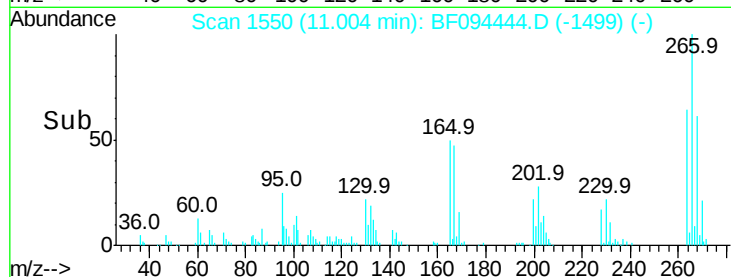
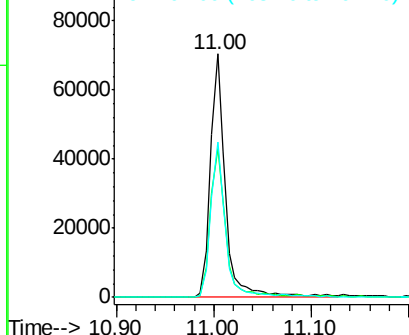
#69
 Pentachlorophenol
 Concen: 26.33 ng
 RT: 11.00 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 75777
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.1 76.7
 264 63.6 51.7 77.5

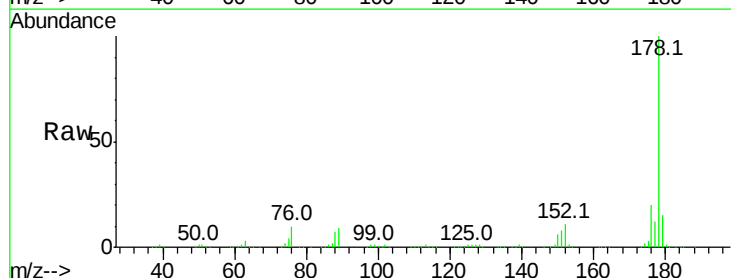


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

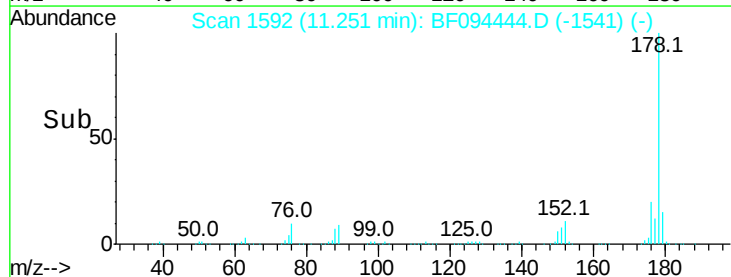
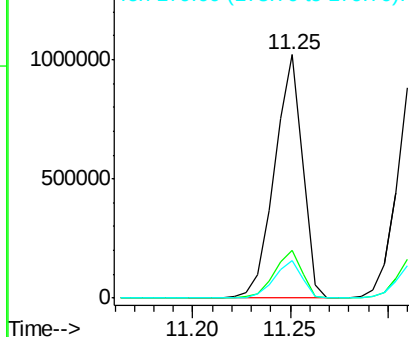


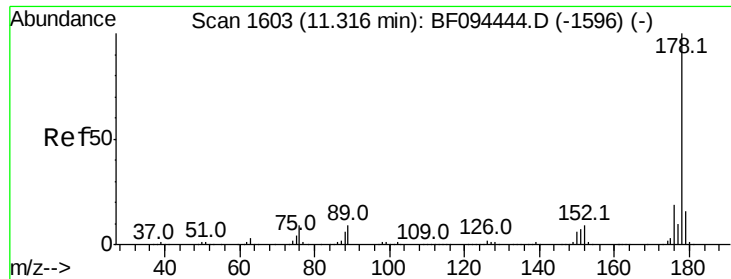
#70
 Phenanthrene
 Concen: 39.04 ng
 RT: 11.25 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:178 Resp: 1008788
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.5 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

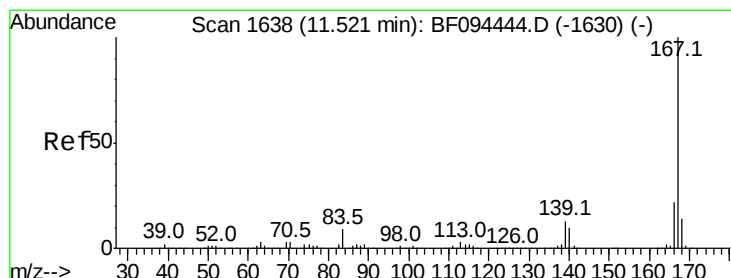
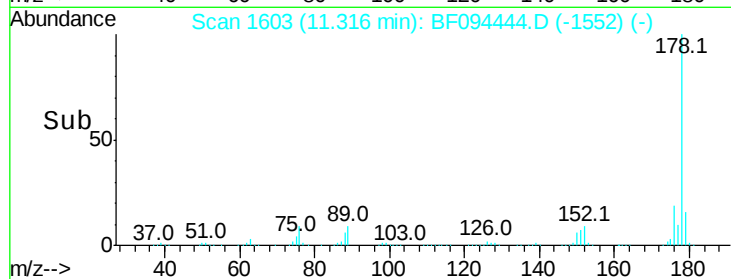
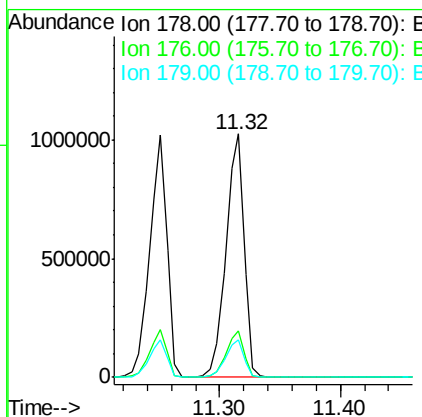
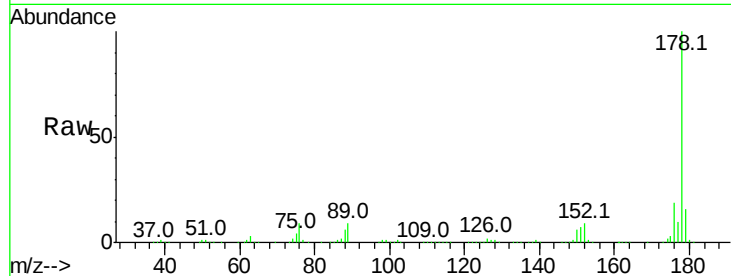




#71
 Anthracene
 Concen: 40.06 ng
 RT: 11.32 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

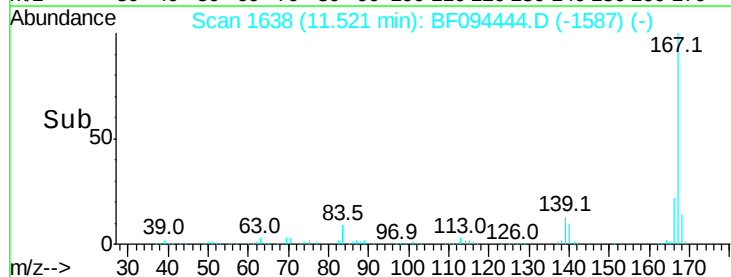
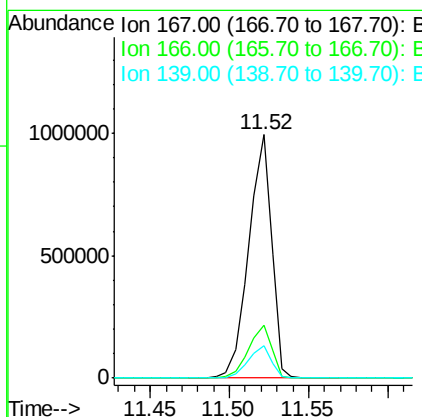
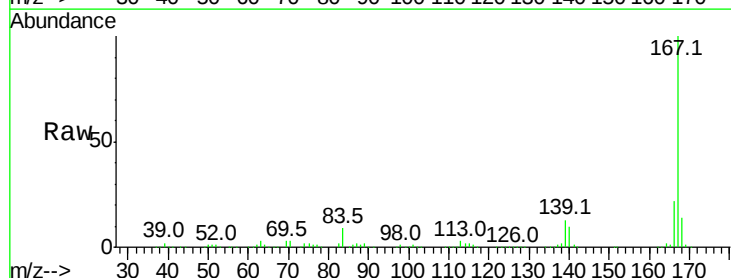
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1065687
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 36.51 ng
 RT: 11.52 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:167 Resp: 995943
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.23 ng

RT: 11.97 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampleId :

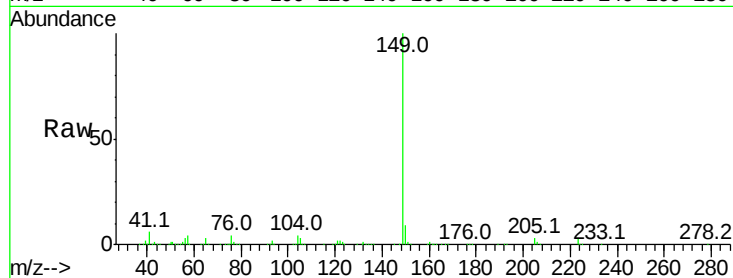
Tot Ion:149 Resp: 1112958

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

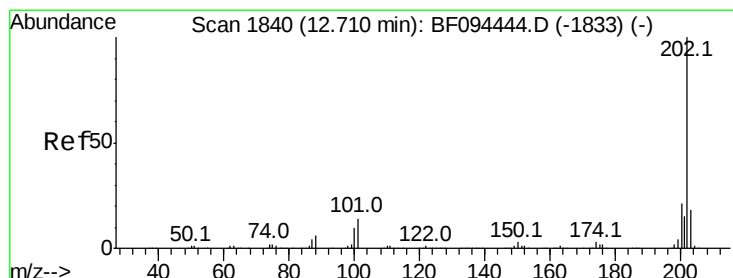
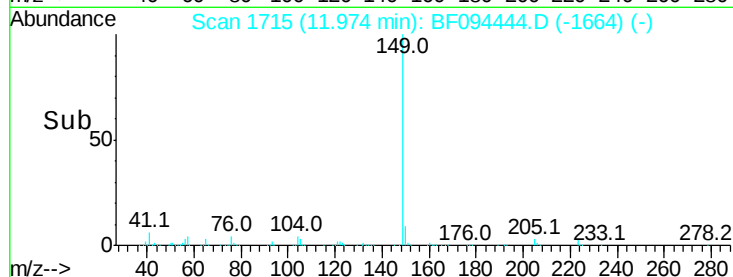
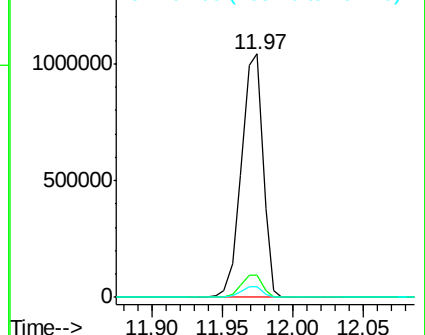
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.28 ng

RT: 12.71 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

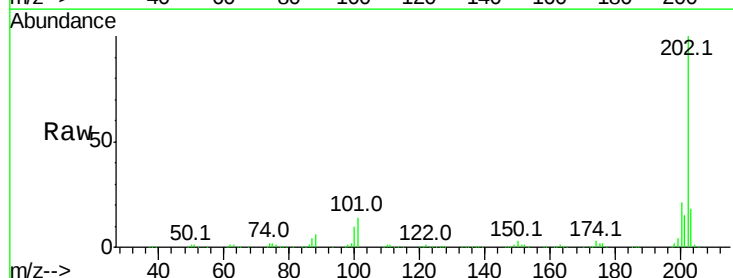
Tgt Ion:202 Resp: 1065652

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

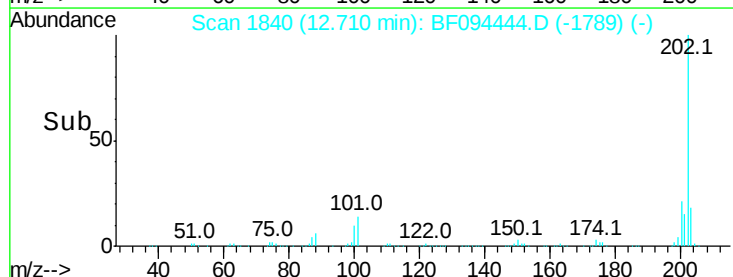
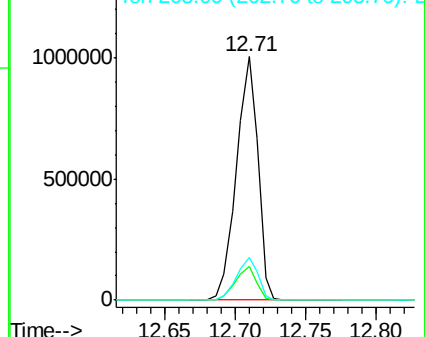
203 17.7 0.0 38.1

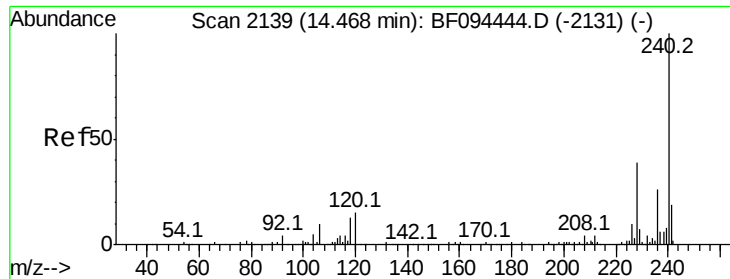


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2139

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampled :

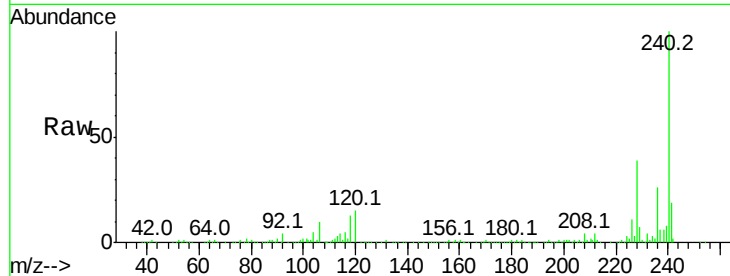
Tot Ion:240 Resp: 389488

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

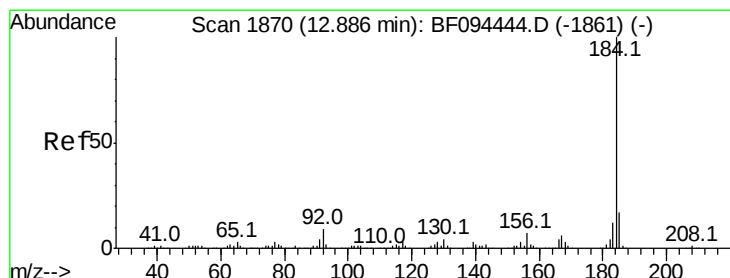
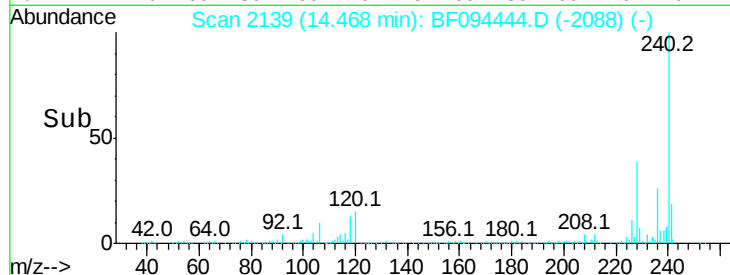
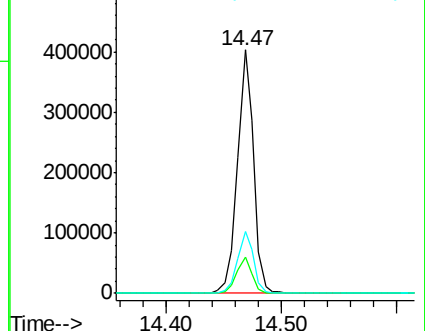
236 25.6 20.5 30.7



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: 42.47 ng

RT: 12.89 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

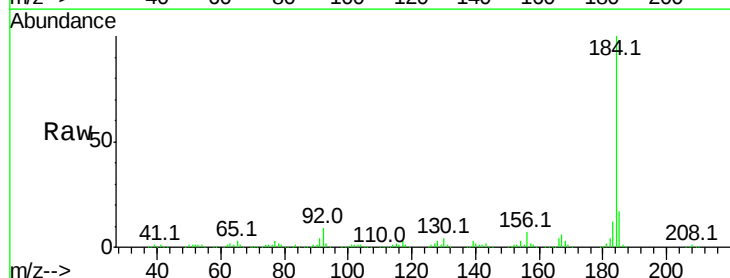
Tgt Ion:184 Resp: 654757

Ion Ratio Lower Upper

184 100

185 16.7 15.5 23.3

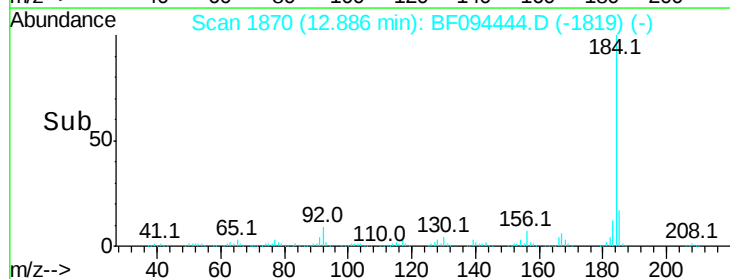
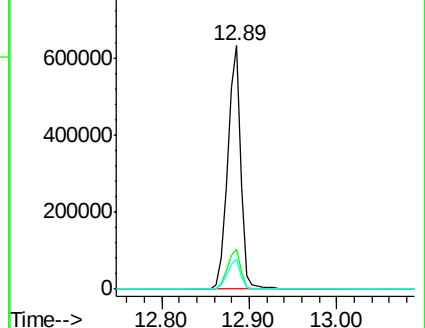
183 12.2 9.8 14.6

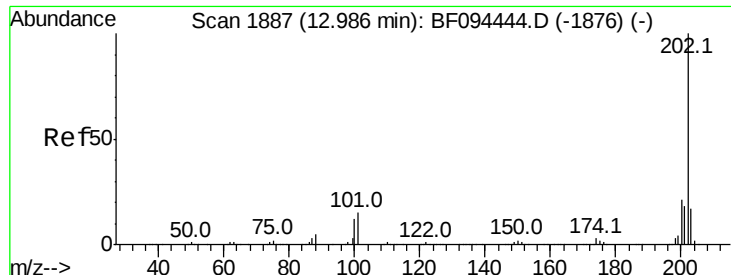


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

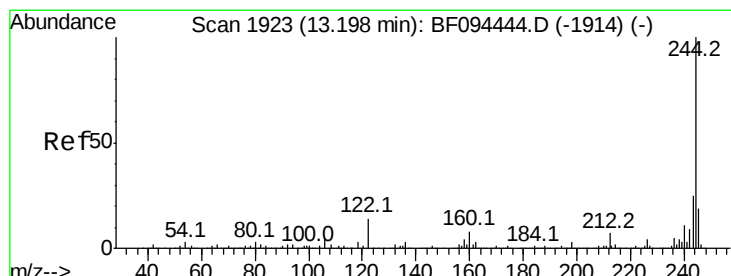
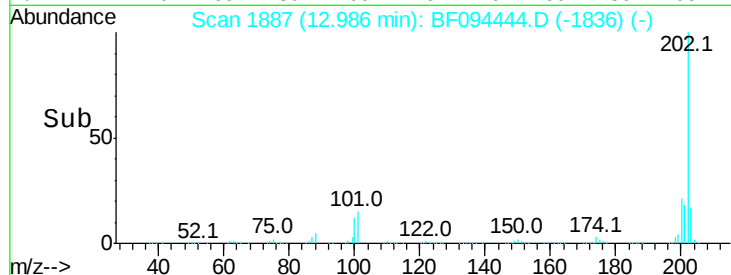
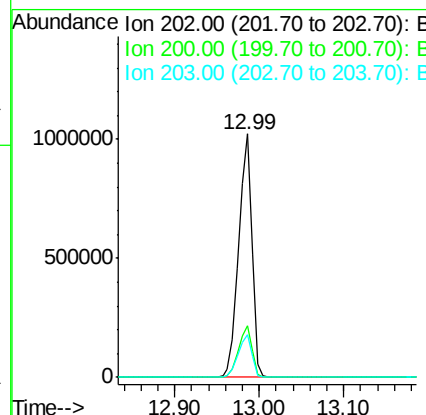
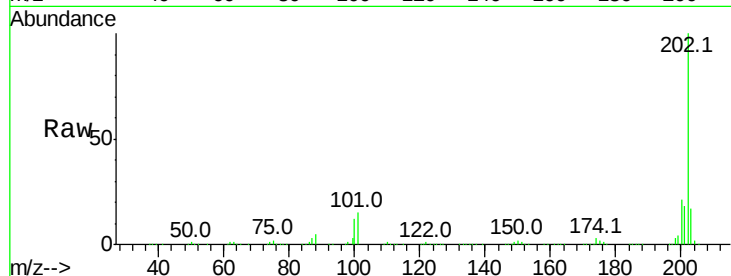




#77
Pvrene
Concen: 38.51 ng
RT: 12.99 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

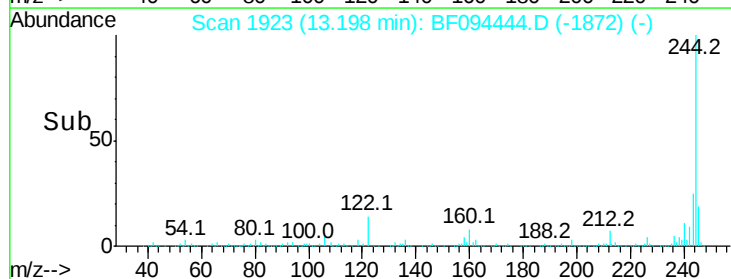
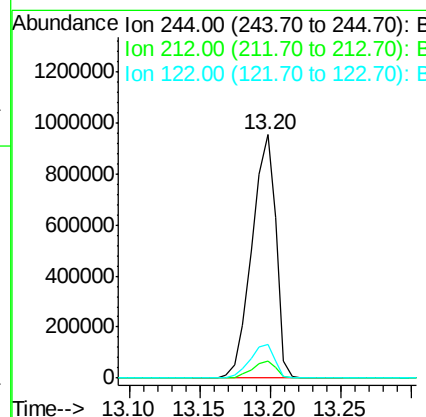
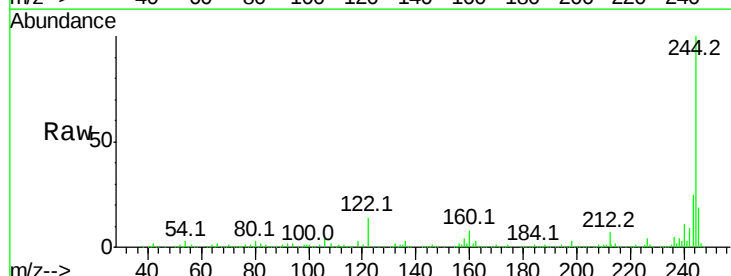
Instrument :
BNA_F
ClientSampled :

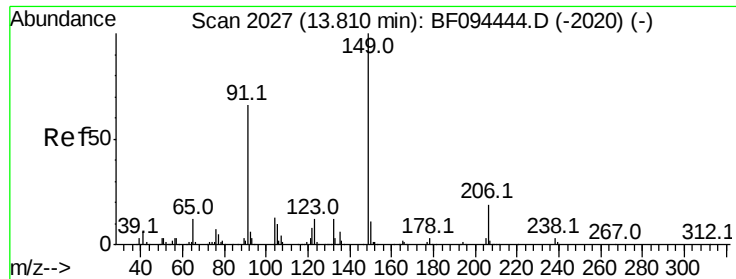
Tot Ion:202 Resp: 1088627
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.3 14.4 21.6



#78
Terphenyl-d14
Concen: 65.57 ng
RT: 13.20 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Tgt Ion:244 Resp: 1139337
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 14.0 10.3 15.5

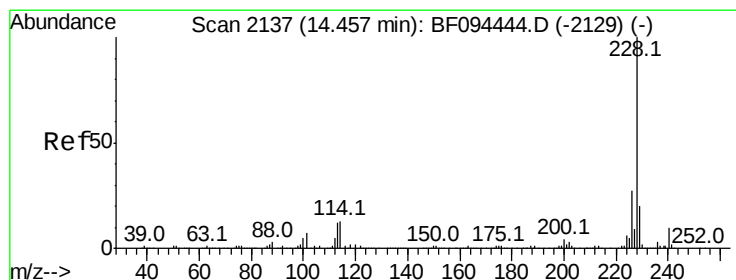
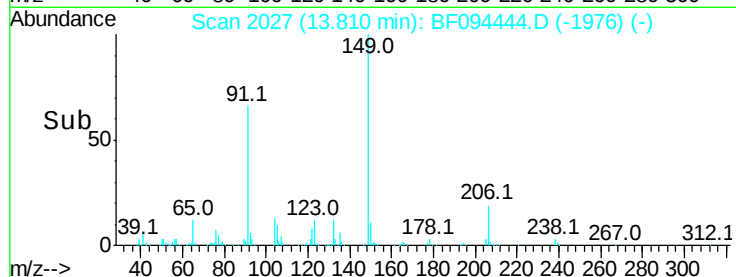
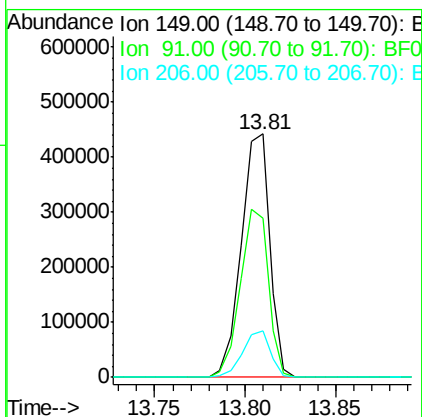
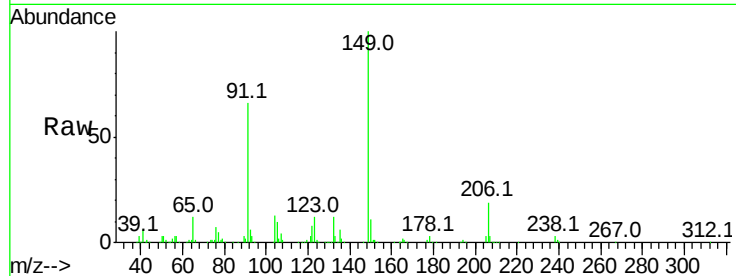




#79
Butylbenzylphthalate
Concen: 40.06 ng
RT: 13.81 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

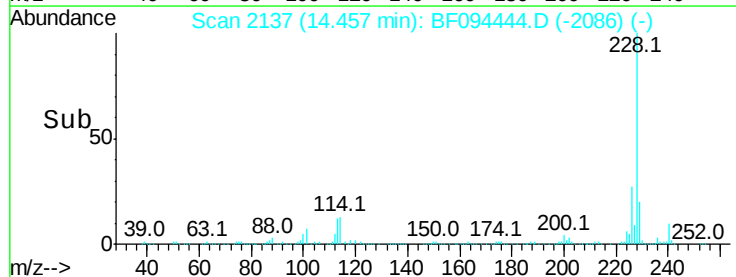
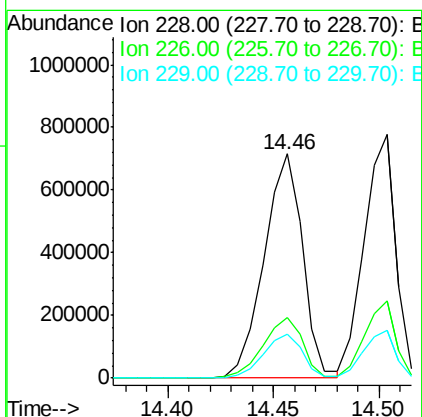
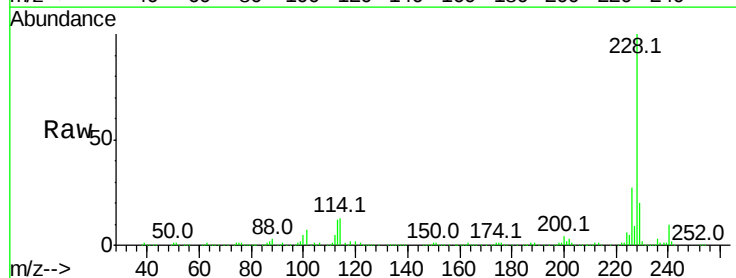
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 482454
Ion Ratio Lower Upper
149 100
91 65.6 45.0 67.4
206 19.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.10 ng
RT: 14.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Tgt Ion:228 Resp: 910837
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 19.7 16.3 24.5

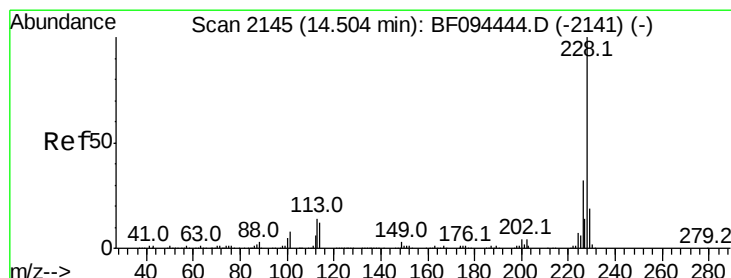
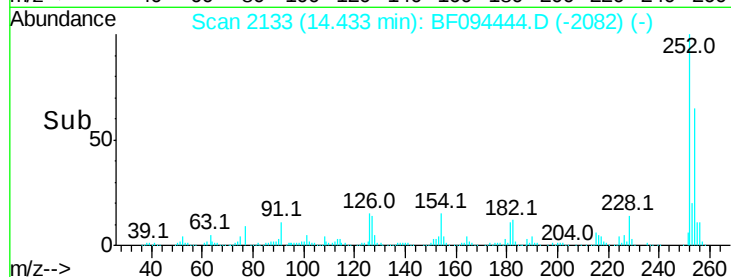
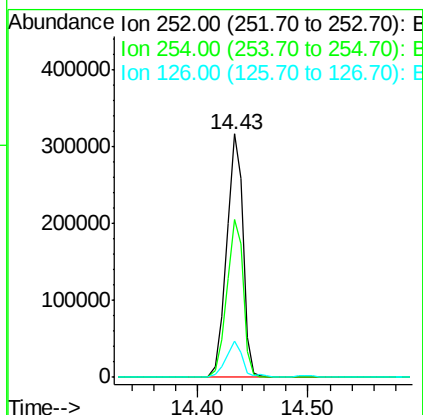
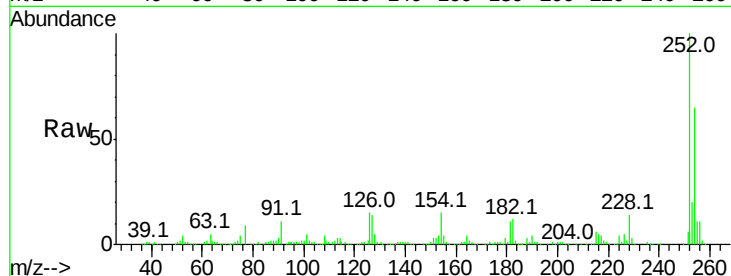




#81
 3,3'-Dichlorobenzidine
 Concen: 40.66 ng
 RT: 14.43 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

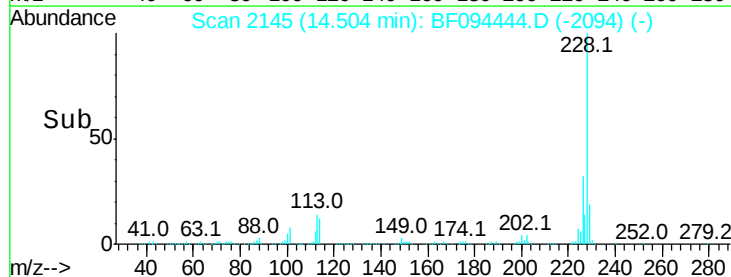
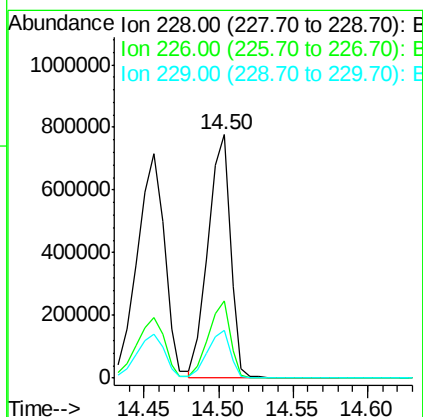
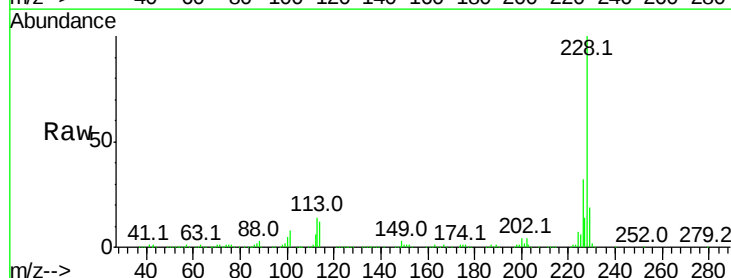
Instrument :
 BNA_F
 ClientSampleId :

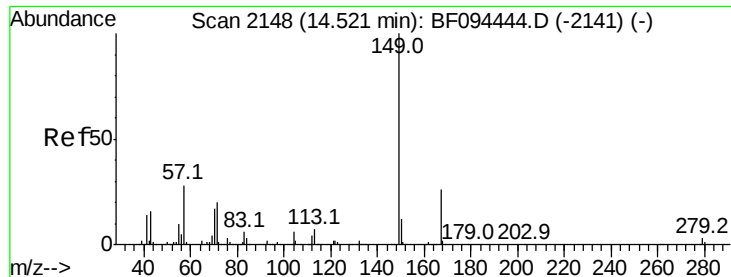
Tot Ion:252 Resp: 330074
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.5 77.3
 126 15.0 15.8 23.8#



#82
 Chrysene
 Concen: 38.58 ng
 RT: 14.50 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion:228 Resp: 813154
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.9 37.3
 229 19.5 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.46 ng

RT: 14.52 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :

BNA_F

ClientSampleId :

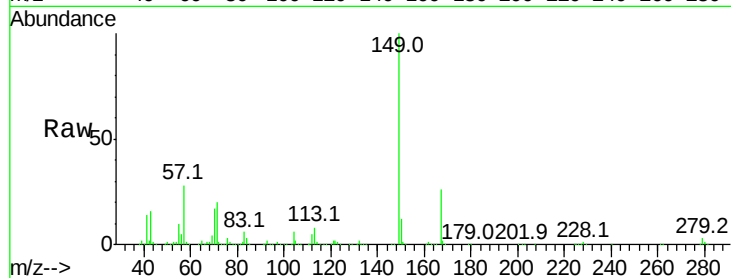
Tot Ion:149 Resp: 648455

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

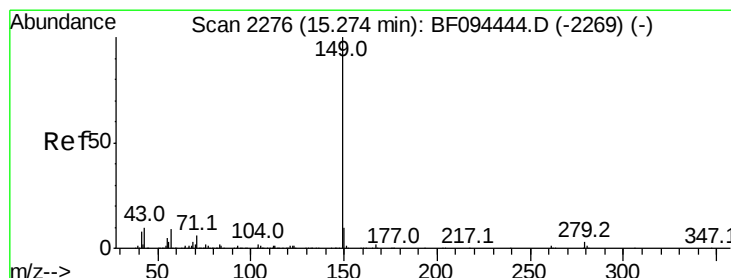
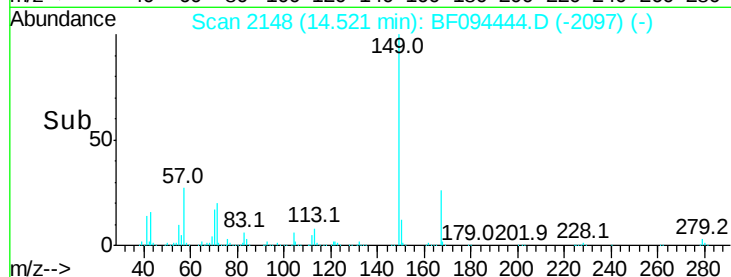
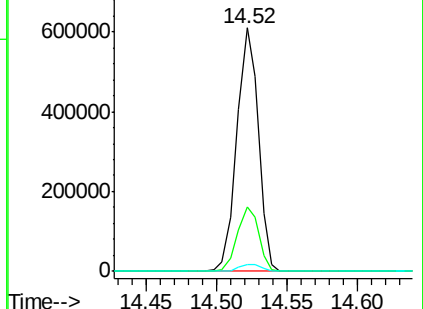
279 2.8 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.06 ng

RT: 15.27 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

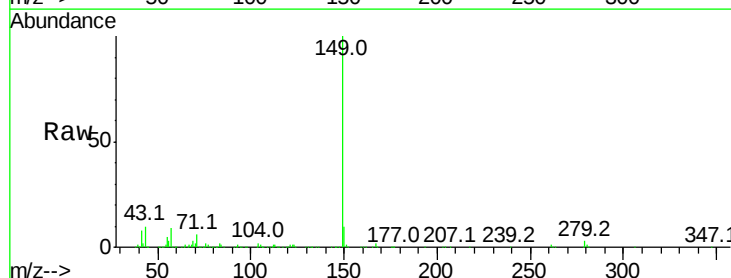
Tgt Ion:149 Resp: 1099784

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

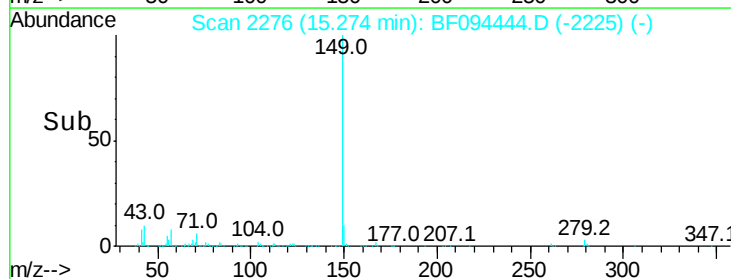
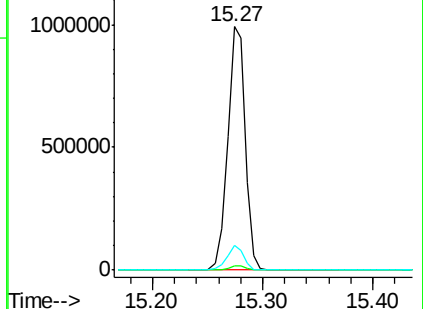
43 9.5 8.5 12.7

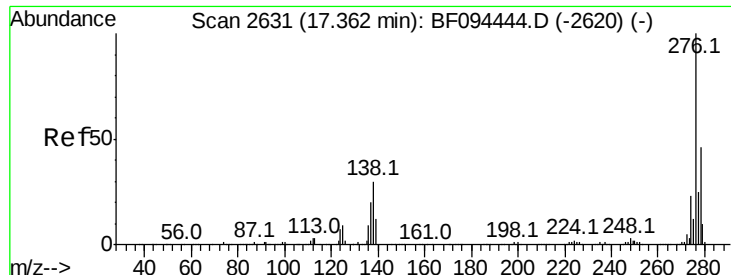


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

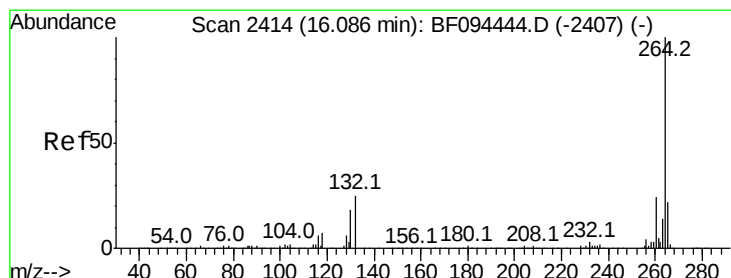
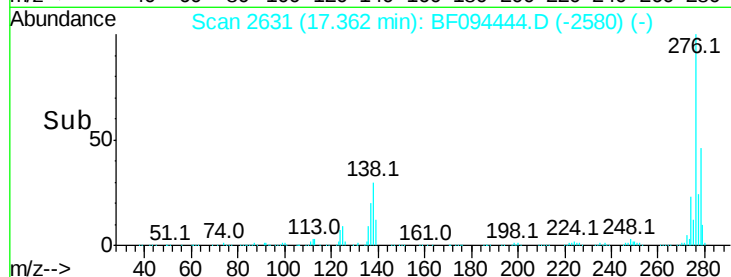
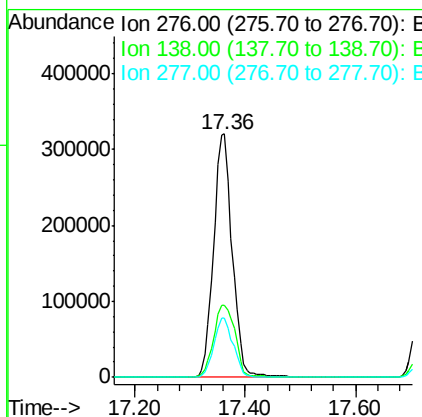
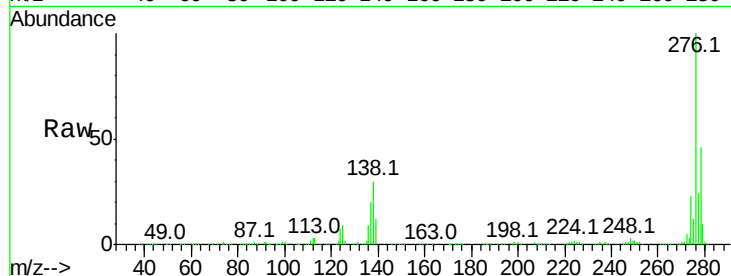




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.60 ng
 RT: 17.36 min Scan# 2631
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

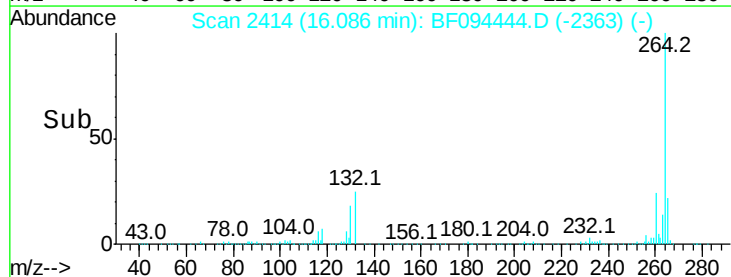
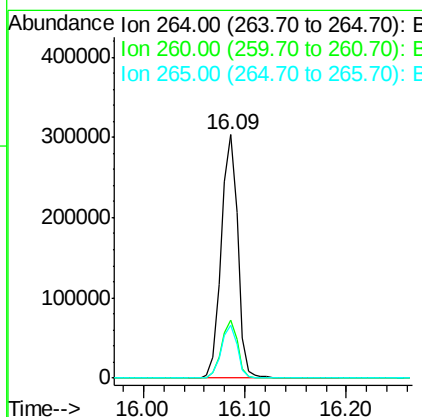
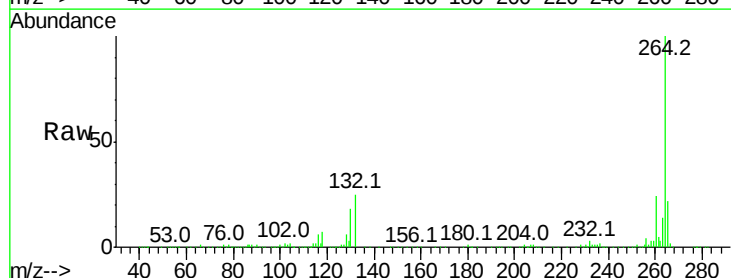
Instrument :
 BNA_F
 ClientSampleId :

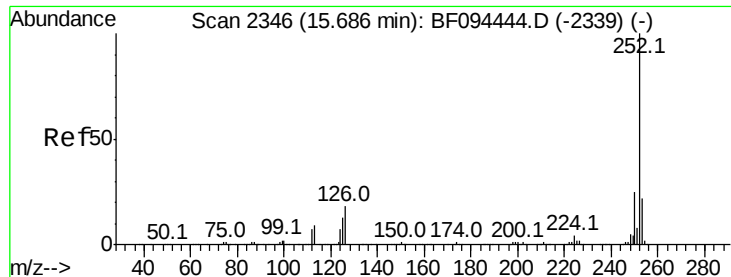
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.37 ng

RT: 15.69 min Scan# 2346

Delta R.T. 0.00 min

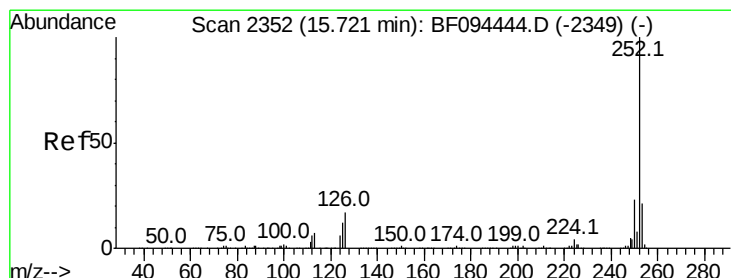
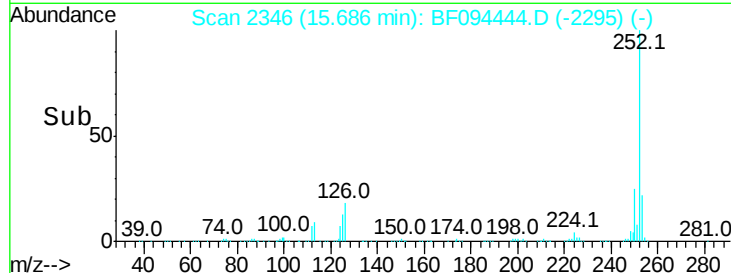
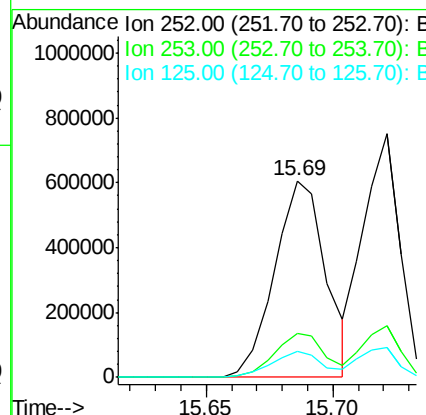
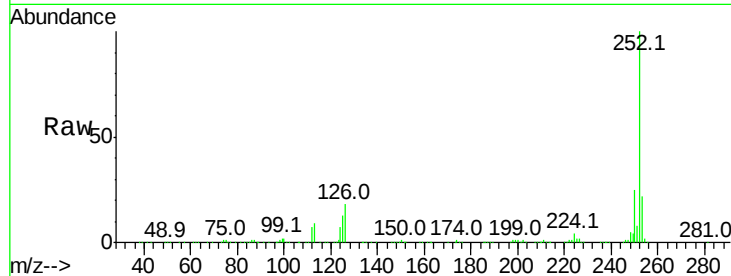
Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 853709

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.9	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 37.44 ng

RT: 15.72 min Scan# 2352

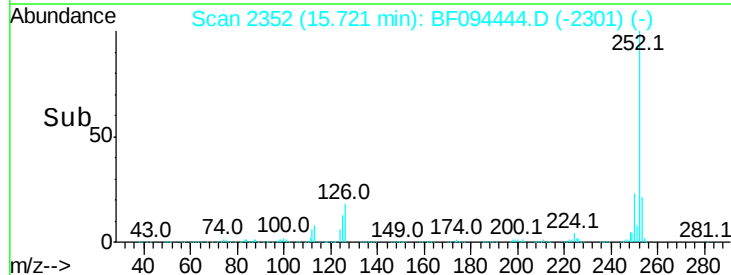
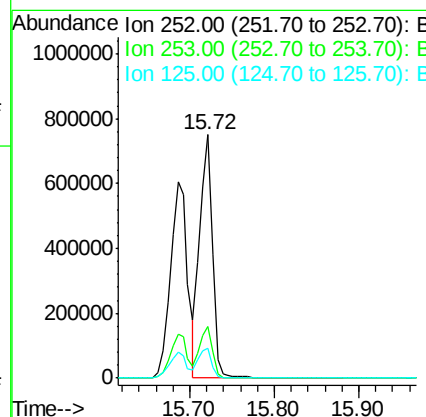
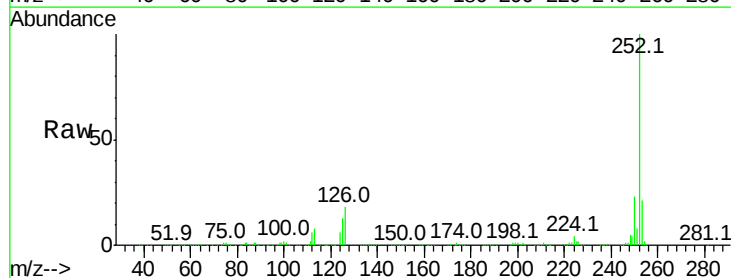
Delta R.T. 0.00 min

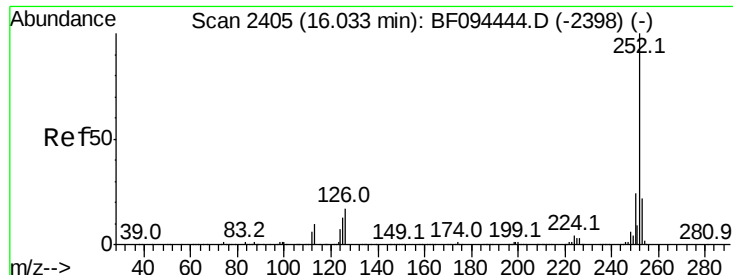
Lab File: BF094444.D

Acq: 17 Apr 2017 12:44

Tgt Ion:252 Resp: 774814

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.4	27.6
125	12.5	13.1	19.7#

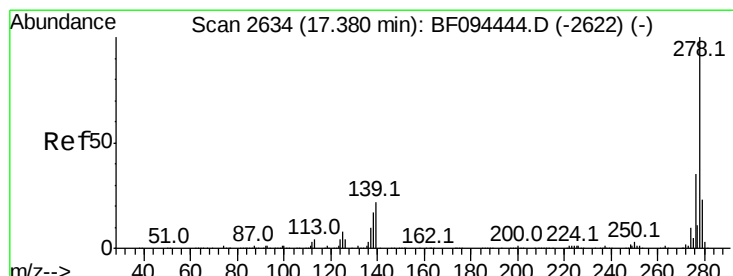
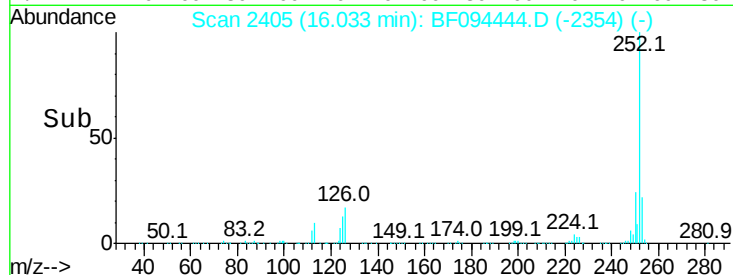
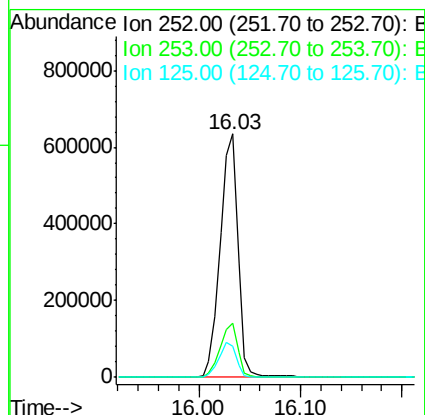
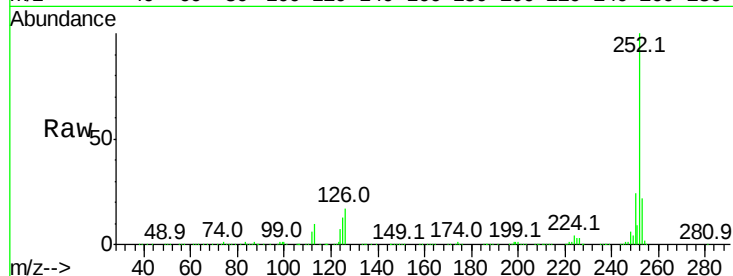




#89
Benzo(a)pyrene
Concen: 40.04 ng
RT: 16.03 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

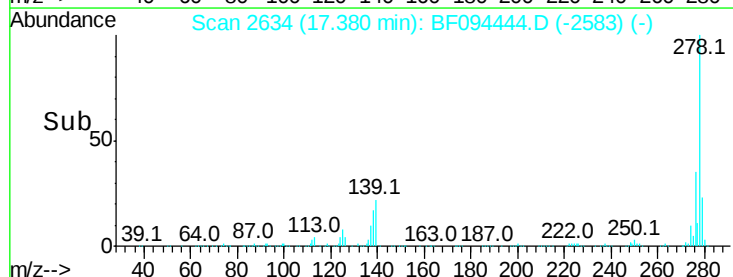
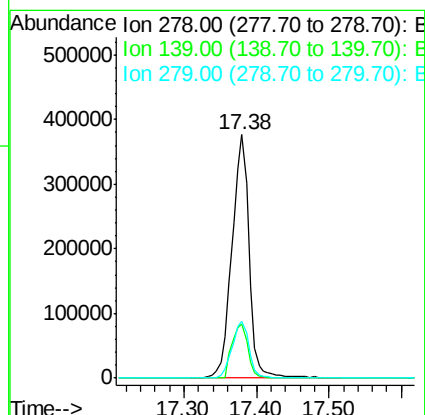
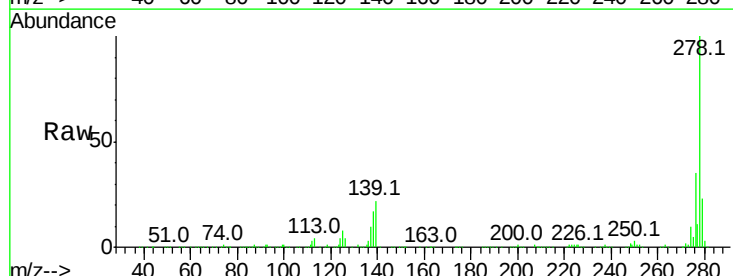
Instrument :
BNA_F
ClientSampleId :

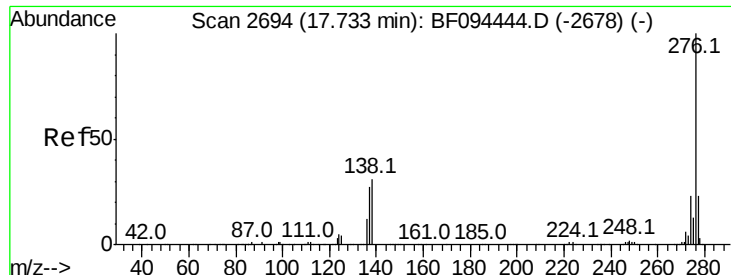
Tot Ion:252 Resp: 779861
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 13.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 37.72 ng
RT: 17.38 min Scan# 2634
Delta R.T. 0.00 min
Lab File: BF094444.D
Acq: 17 Apr 2017 12:44

Tgt Ion:278 Resp: 622177
Ion Ratio Lower Upper
278 100
139 22.5 16.6 24.8
279 23.3 19.3 28.9

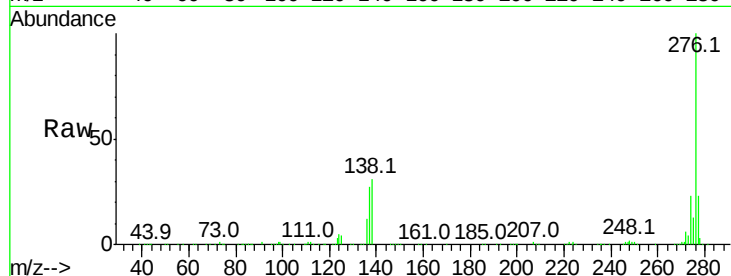




#91
 Benzo(a,h,i)perylene
 Concen: 37.24 ng
 RT: 17.73 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: BF094444.D
 Acq: 17 Apr 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	30.7	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

