

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094675.D
 Acq On : 27 Apr 2017 20:36
 Operator : SJ/MA
 Sample : I2870-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 02:21:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	109816	20.00	ng	0.01
21) Naphthalene-d8	7.27	136	455739	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	216630	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	390321	20.00	ng	0.00
75) Chrysene-d12	14.48	240	296964	20.00	ng	0.00
86) Perylene-d12	16.10	264	221627	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.34	112	808695	122.18	ng	0.04
7) Phenol-d6	5.41	99	927127	118.81	ng	0.01
23) Nitrobenzene-d5	6.43	82	656550	88.96	ng	0.01
41) 2,4,6-Tribromophenol	10.38	330	239144	141.13	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1218484	82.76	ng	0.00
78) Terphenyl-d14	13.20	244	1179663	106.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	106057	27.55	ng	# 83
3) Pyridine	2.73	79	192679	22.90	ng	99
4) n-Nitrosodimethylamine	2.67	42	133224	38.27	ng	83
6) Aniline	5.41	93	221468	21.36	ng	# 52
8) 2-Chlorophenol	5.55	128	322769	42.85	ng	97
9) Benzaldehyde	5.28	77	79524	13.40	ng	94
10) Phenol	5.42	94	342363	35.71	ng	98
11) bis(2-Chloroethyl)ether	5.49	93	299618	42.78	ng	98
12) 1,3-Dichlorobenzene	5.71	146	171830	20.59	ng	96
13) 1,4-Dichlorobenzene	5.80	146	184646	21.99	ng	96
14) 1,2-Dichlorobenzene	5.97	146	179527	23.21	ng	97
15) Benzyl Alcohol	5.95	79	256290	44.28	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	359164	39.12	ng	66
17) 2-Methylphenol	6.10	107	256052	43.16	ng	94
18) Hexachloroethane	6.35	117	51934	18.04	ng	# 86
19) n-Nitroso-di-n-propylamine	6.27	70	230046	44.49	ng	95
20) 3+4-Methylphenols	6.28	107	353669	43.87	ng	# 60
22) Acetophenone	6.25	105	464389	41.91	ng	# 84
24) Nitrobenzene	6.45	77	320169	41.19	ng	96
25) Isophorone	6.74	82	599523	43.82	ng	94
26) 2-Nitrophenol	6.82	139	179885	43.08	ng	95
27) 2,4-Dimethylphenol	6.90	122	297320	43.84	ng	97
28) bis(2-Chloroethoxy)methane	7.00	93	387263	43.76	ng	99
29) 2,4-Dichlorophenol	7.12	162	284006	45.01	ng	100
30) 1,2,4-Trichlorobenzene	7.20	180	197661	30.30	ng	99
31) Naphthalene	7.30	128	727465	33.20	ng	99
32) Benzoic acid	7.10	122	175577	48.95	ng	94
33) 4-Chloroaniline	7.38	127	73615	8.08	ng	# 91
34) Hexachlorobutadiene	7.45	225	81608	25.09	ng	99
35) Caprolactam	7.85	113	36699	18.51	ng	91
36) 4-Chloro-3-methylphenol	8.00	107	302329	45.72	ng	88
37) 2-Methylnaphthalene	8.13	142	600222	40.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	244316	39.61	ng	100
40) Hexachlorocyclopentadiene	8.32	237	164021	65.73	ng	98

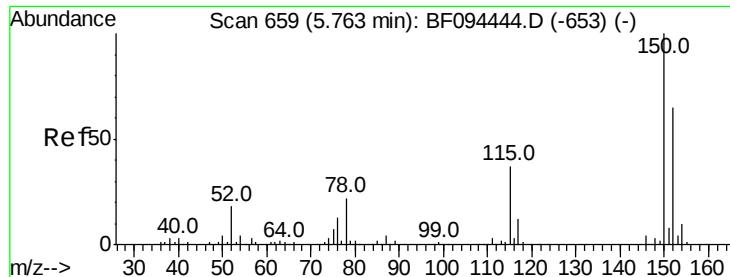
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094675.D
 Acq On : 27 Apr 2017 20:36
 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	192317	44.39	nq	96
43) 2,4,5-Trichlorophenol	8.55	196	202285	45.47	nq	94
45) 1,1'-Biphenyl	8.71	154	743509	42.01	nq	98
46) 2-Chloronaphthalene	8.72	162	579420	41.17	nq	94
47) 2-Nitroaniline	8.87	65	177328	43.80	nq	88
48) Acenaphthylene	9.23	152	930329	42.41	nq	98
49) Dimethylphthalate	9.11	163	745168	46.16	nq	98
50) 2,6-Dinitrotoluene	9.17	165	167769	46.30	nq	91
51) Acenaphthene	9.44	154	567435	43.18	nq	100
52) 3-Nitroaniline	9.38	138	81160	19.36	nq	92
53) 2,4-Dinitrophenol	9.52	184	172689	87.26	nq	# 66
54) Dibenzofuran	9.66	168	850667	44.54	nq	99
55) 4-Nitrophenol	9.66	139	530065	178.96	nq	# 32
56) 2,4-Dinitrotoluene	9.68	165	219610	49.39	nq	98
57) Fluorene	10.08	166	660775	44.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	148558	46.59	nq	# 95
59) Diethylphthalate	9.97	149	710314	46.63	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	285612	46.15	nq	93
61) 4-Nitroaniline	10.14	138	160596	37.68	nq	96
62) Azobenzene	10.28	77	670888	45.36	nq	93
64) 4,6-Dinitro-2-methylphenol	10.18	198	118133	46.19	nq	# 74
65) n-Nitrosodiphenylamine	10.24	169	600226	44.22	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	170984	44.12	nq	92
67) Hexachlorobenzene	10.76	284	177901	45.55	nq	# 92
68) Atrazine	10.92	200	182422	44.92	nq	97
69) Pentachlorophenol	11.01	266	162556	104.81	nq	99
70) Phenanthrene	11.25	178	964784	43.89	nq	98
71) Anthracene	11.32	178	997810	43.89	nq	98
72) Carbazole	11.53	167	917975	43.02	nq	97
73) Di-n-butylphthalate	11.98	149	1137357	48.41	nq	99
74) Fluoranthene	12.72	202	994622	43.66	nq	98
76) Benzidine	12.89	184	96024	7.99	nq	# 91
77) Pyrene	12.99	202	999756	48.19	nq	99
79) Butylbenzylphthalate	13.81	149	484527	53.29	nq	90
80) Benzo(a)anthracene	14.47	228	774984	44.90	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	162358	26.57	nq	# 97
82) Chrysene	14.51	228	708889	44.94	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	668417	54.75	nq	99
84) Di-n-octyl phthalate	15.28	149	1093971	53.42	nq	97
85) Indeno(1,2,3-cd)pyrene	17.39	276	608899	40.57	nq	99
87) Benzo(b)fluoranthene	15.70	252	599370	44.21	nq	98
88) Benzo(k)fluoranthene	15.73	252	609728	47.52	nq	95
89) Benzo(a)pyrene	16.05	252	556563	44.13	nq	100
90) Dibenzo(a,h)anthracene	17.40	278	507419	48.45	nq	98
91) Benzo(g,h,i)perylene	17.77	276	508461	47.69	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.78 min Scan# 653

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampled :

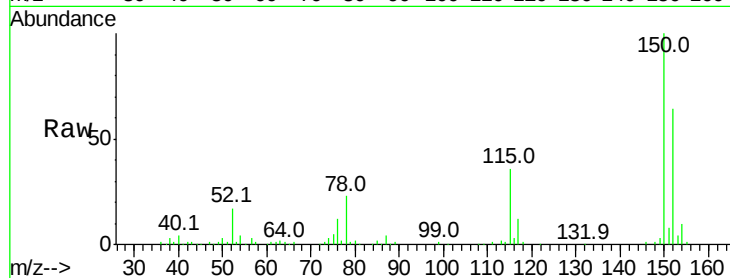
Tot Ion:152 Resp: 109816

Ion Ratio Lower Upper

152 100

150 157.2 126.2 189.2

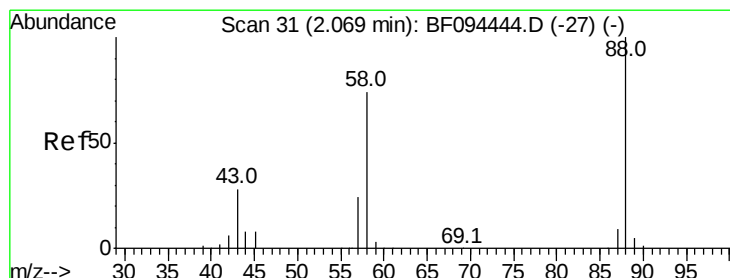
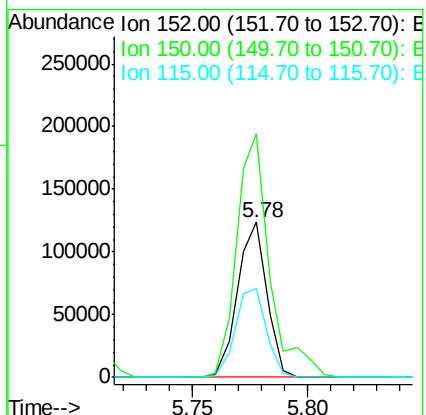
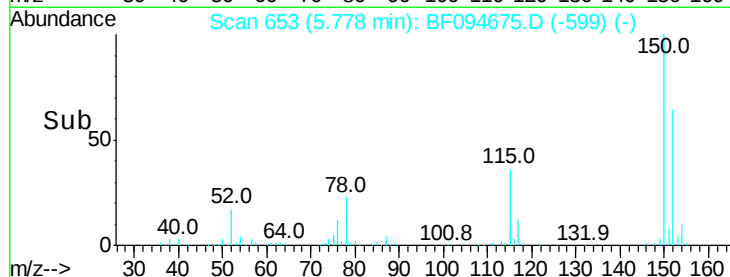
115 57.3 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.55 ng

RT: 2.25 min Scan# 53

Delta R.T. 0.18 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

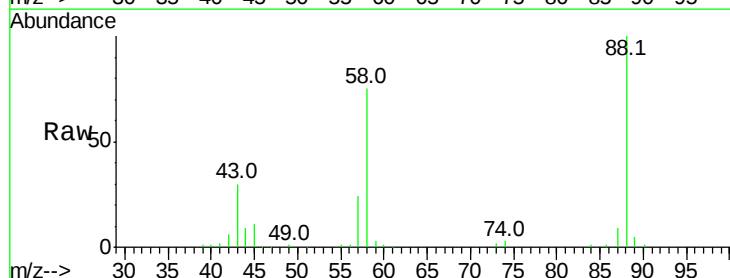
Tgt Ion: 88 Resp: 106057

Ion Ratio Lower Upper

88 100

58 74.1 61.4 92.0

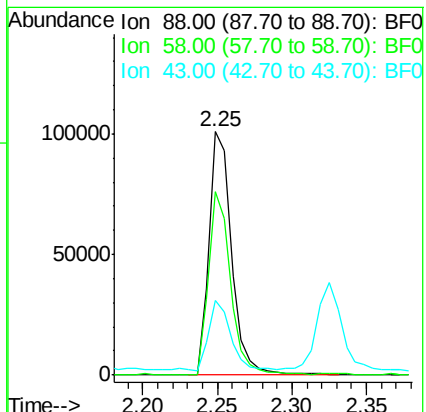
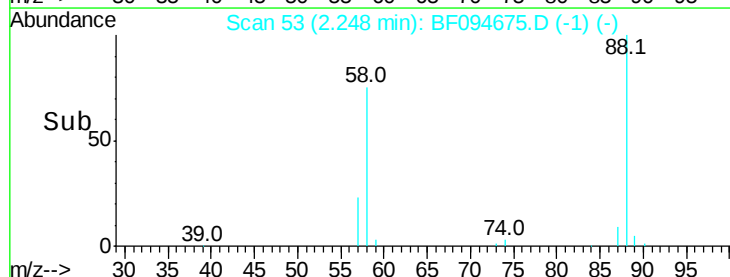
43 0.0 23.4 35.0#

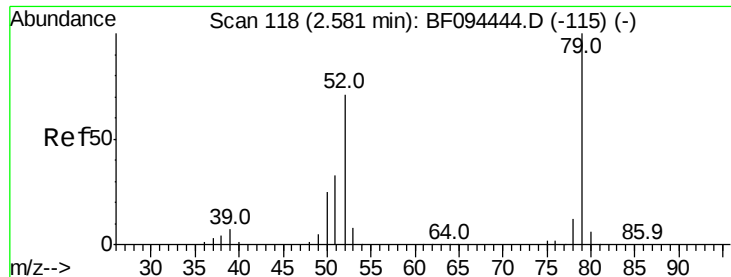


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 22.90 ng

RT: 2.73 min Scan# 135

Delta R.T. 0.15 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :
BNA_F
ClientSampleId :

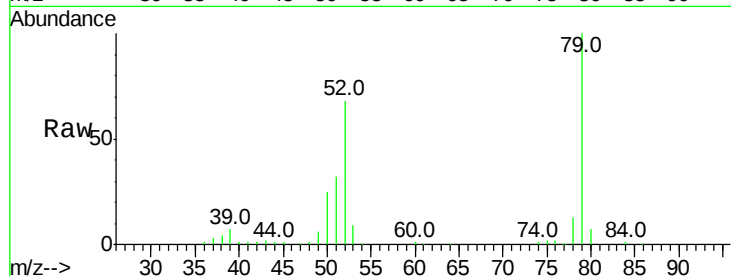
Tot Ion: 79 Resp: 192679

Ion Ratio Lower Upper

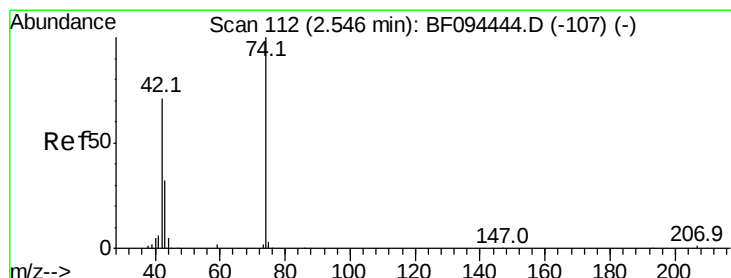
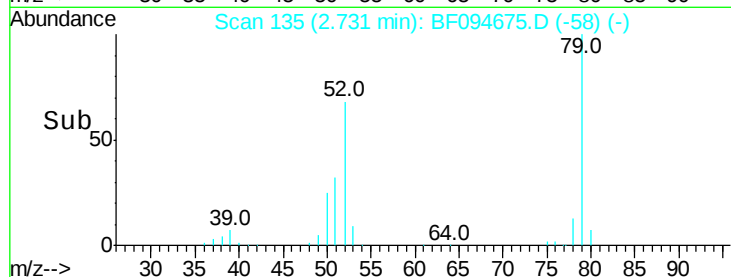
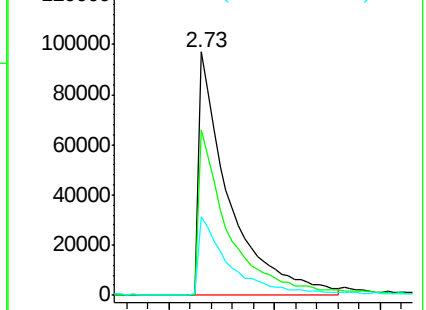
79 100

52 68.2 54.8 82.2

51 32.2 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: 38.27 ng

RT: 2.67 min Scan# 124

Delta R.T. 0.12 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

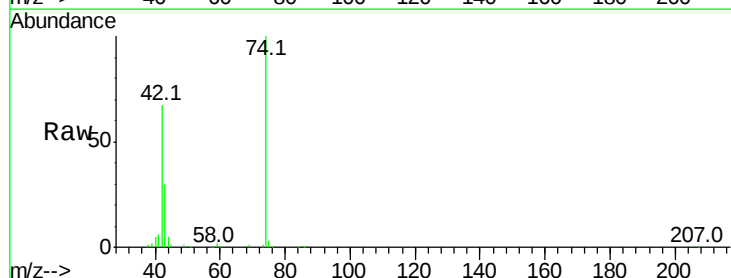
Tgt Ion: 42 Resp: 133224

Ion Ratio Lower Upper

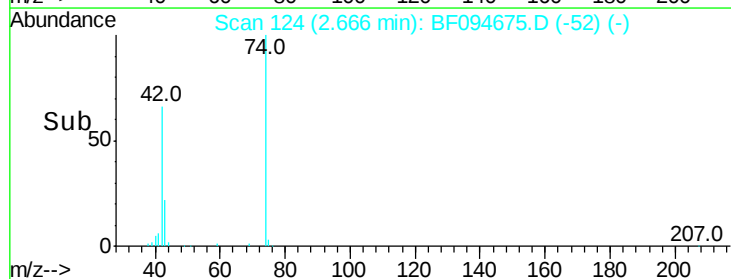
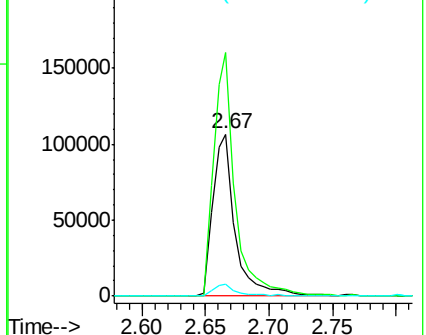
42 100

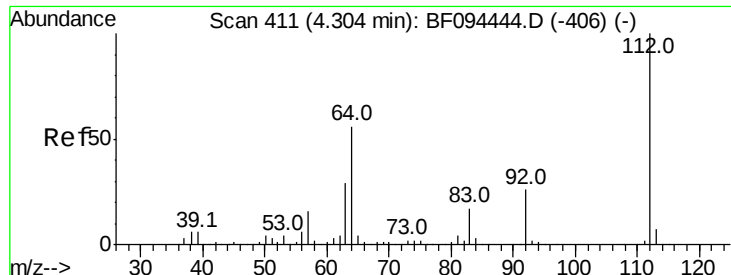
74 150.3 103.9 155.9

44 7.0 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: 122.18 ng

RT: 4.34 min Scan# 409

Delta R.T. 0.04 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :
BNA_F
ClientSampled :

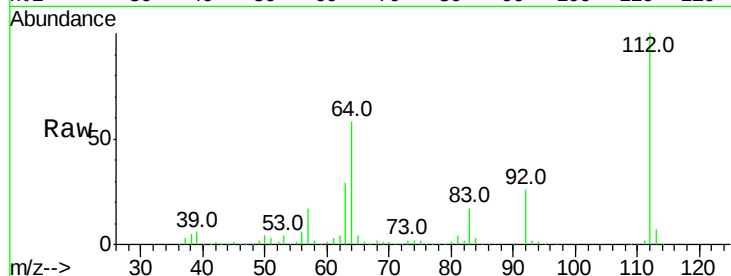
Tot Ion:112 Resp: 808695

Ion Ratio Lower Upper

112 100

64 57.7 46.0 69.0

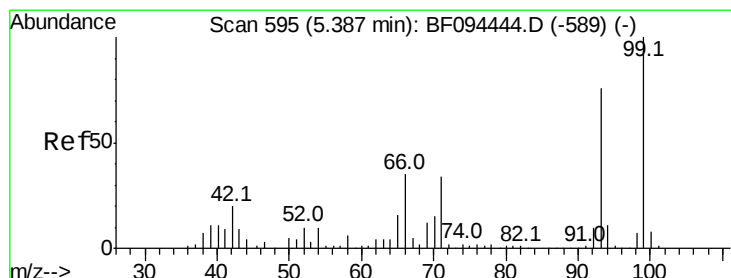
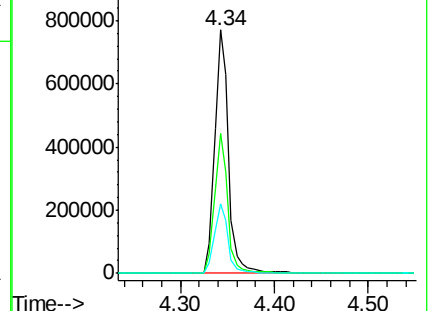
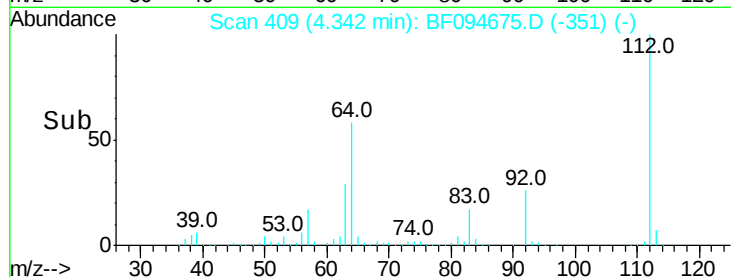
63 28.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.36 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.03 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

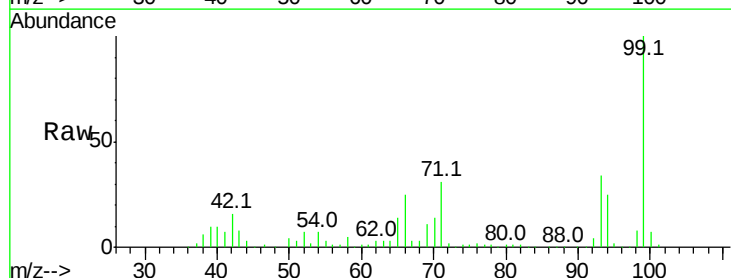
Tgt Ion: 93 Resp: 221468

Ion Ratio Lower Upper

93 100

66 72.9 32.9 49.3#

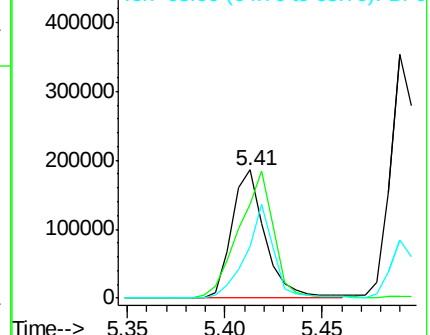
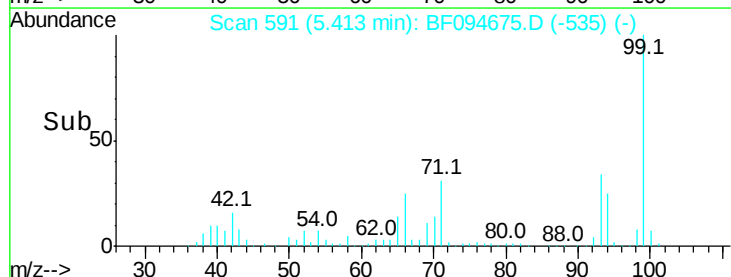
65 39.9 16.0 24.0#

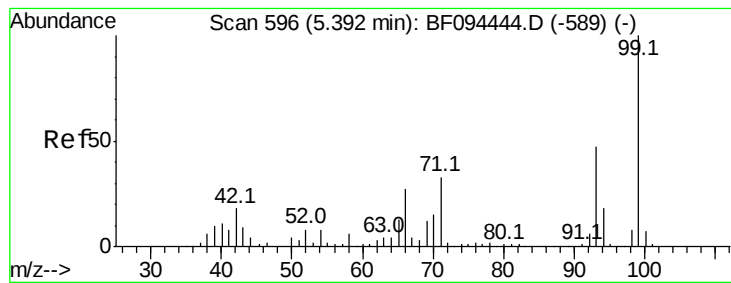


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.81 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

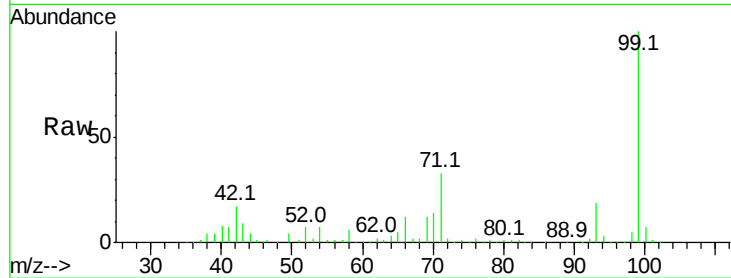
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 927127

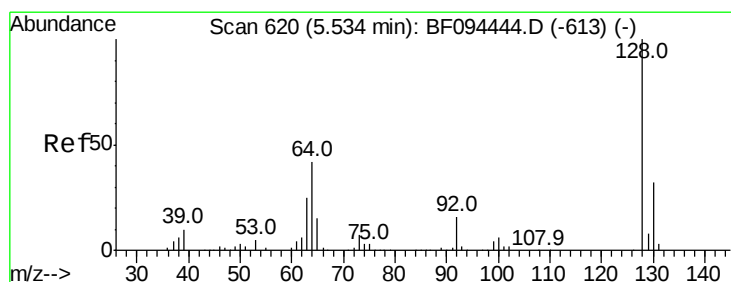
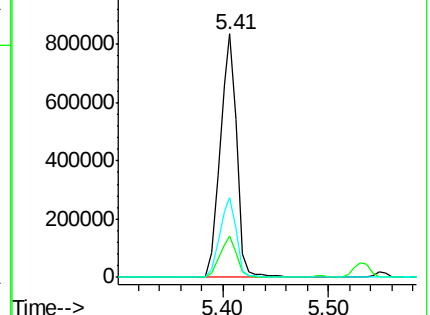
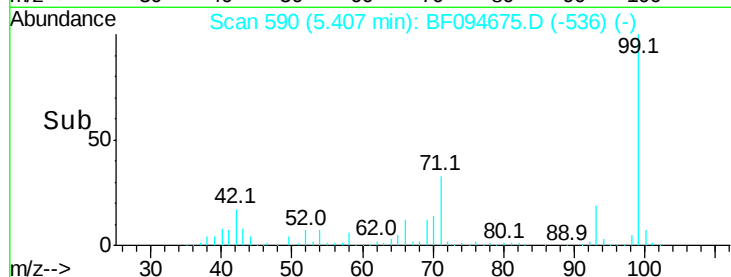
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	33.0	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.85 ng

RT: 5.55 min Scan# 614

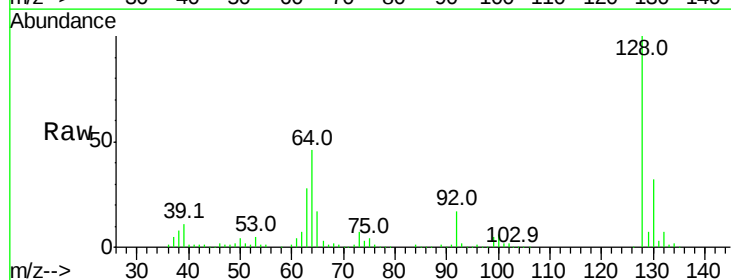
Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Tgt Ion:128 Resp: 322769

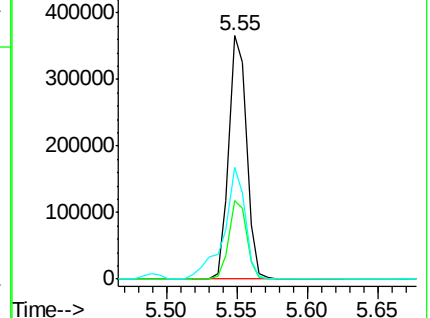
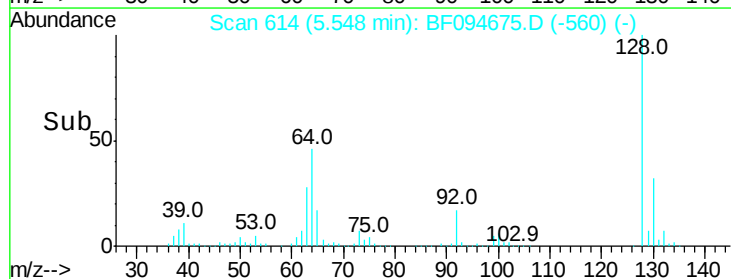
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	45.9	28.4	68.4

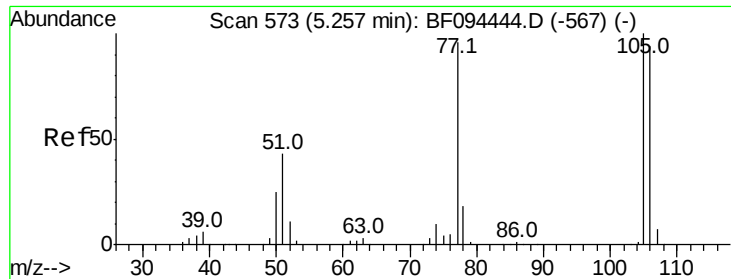


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.40 ng

RT: 5.28 min Scan# 569

Delta R.T. 0.03 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

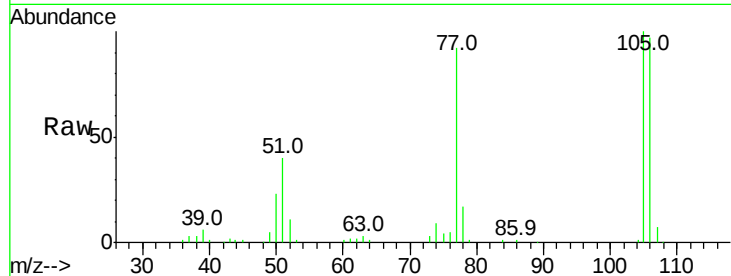
Tot Ion: 77 Resp: 79524

Ion Ratio Lower Upper

77 100

105 109.2 83.8 123.8

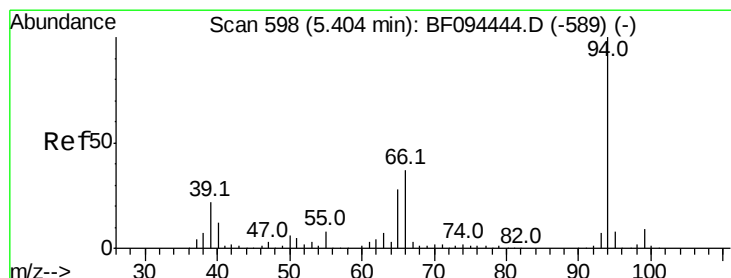
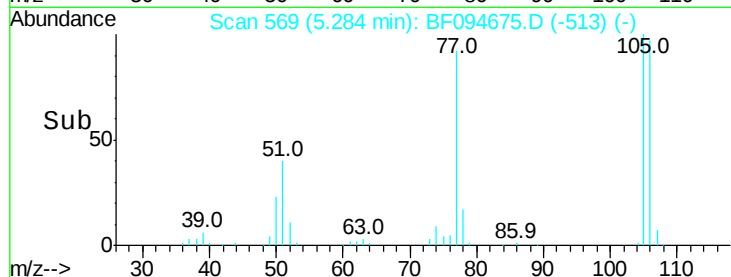
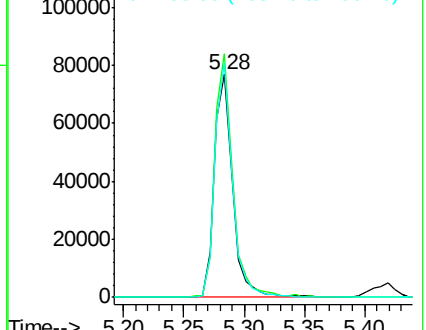
106 105.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.71 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

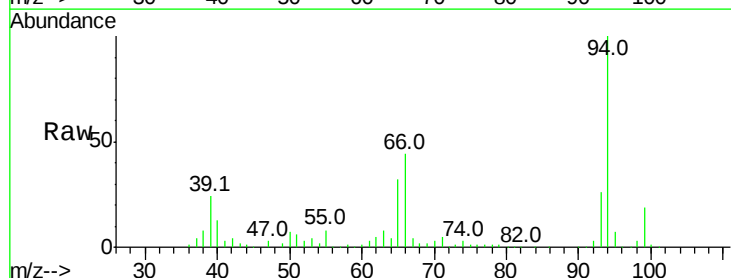
Tgt Ion: 94 Resp: 342363

Ion Ratio Lower Upper

94 100

65 32.1 9.9 49.9

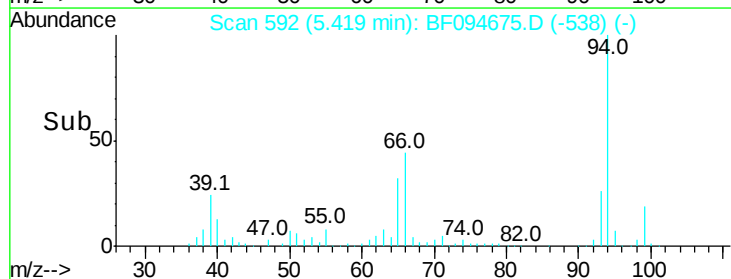
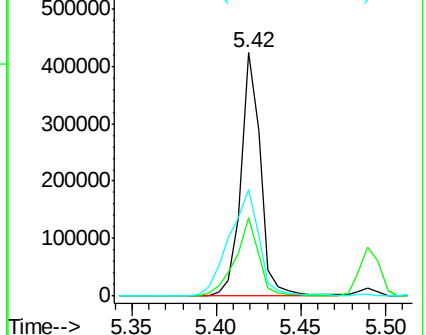
66 43.7 23.1 63.1

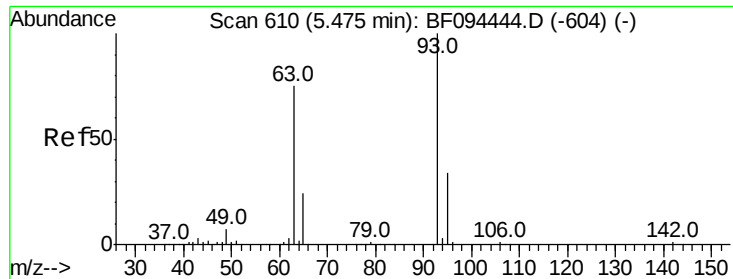


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.78 ng

RT: 5.49 min Scan# 604

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

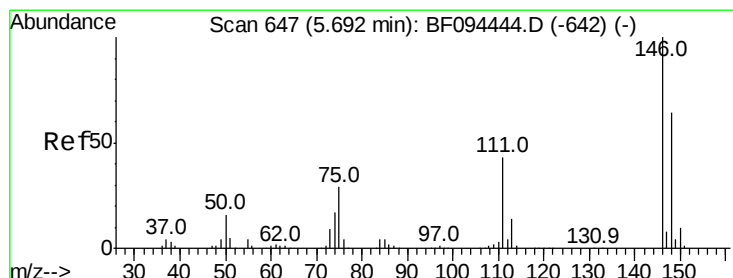
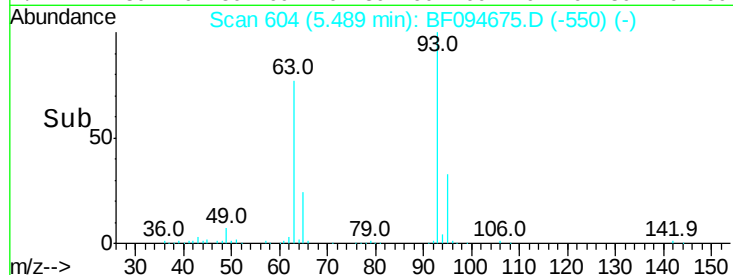
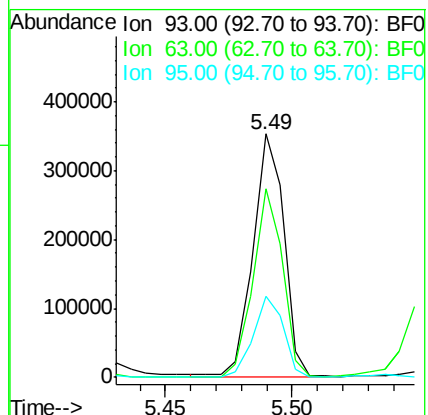
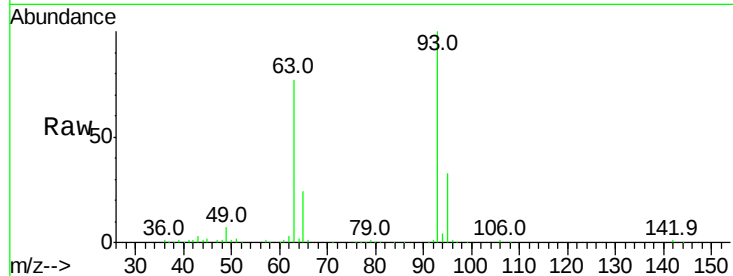
Tot Ion: 93 Resp: 299618

Ion Ratio Lower Upper

93 100

63 77.5 59.2 99.2

95 33.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 20.59 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

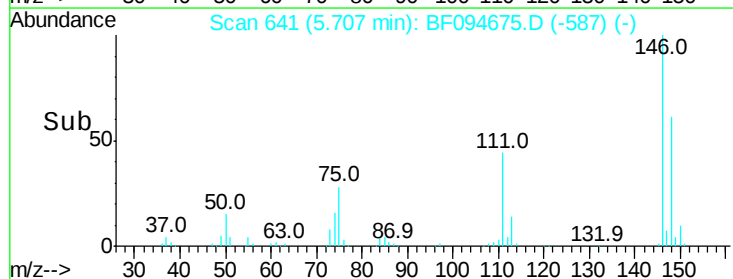
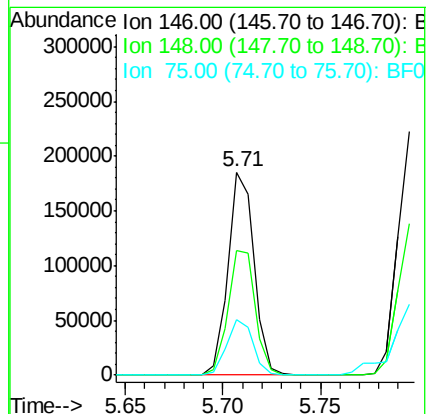
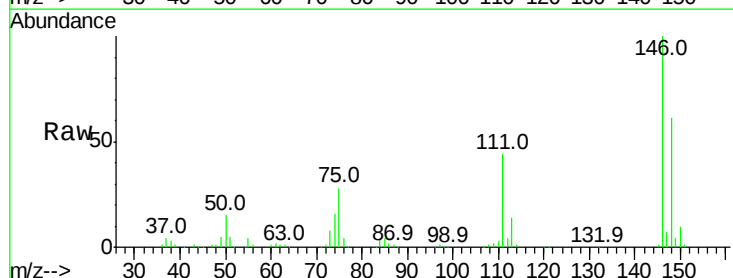
Tgt Ion: 146 Resp: 171830

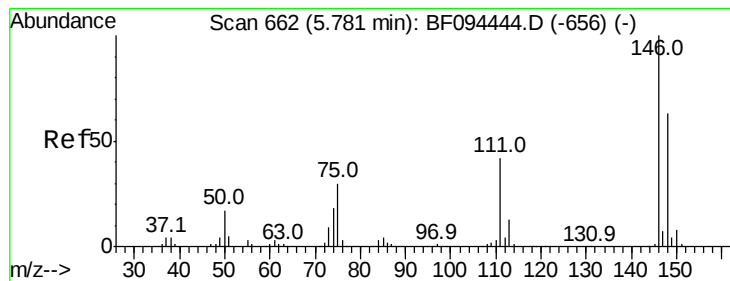
Ion Ratio Lower Upper

146 100

148 61.4 51.8 77.6

75 27.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 21.99 ng

RT: 5.80 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

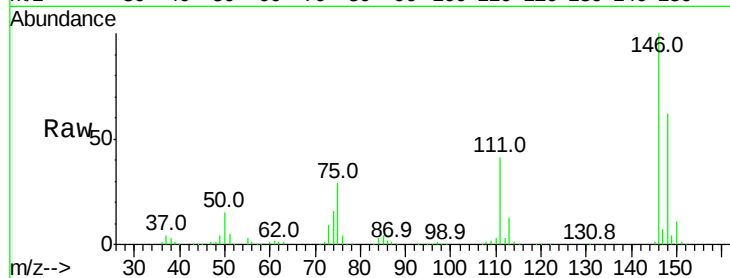
Tot Ion:146 Resp: 184646

Ion Ratio Lower Upper

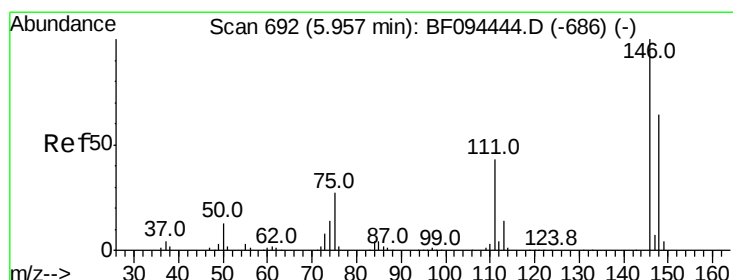
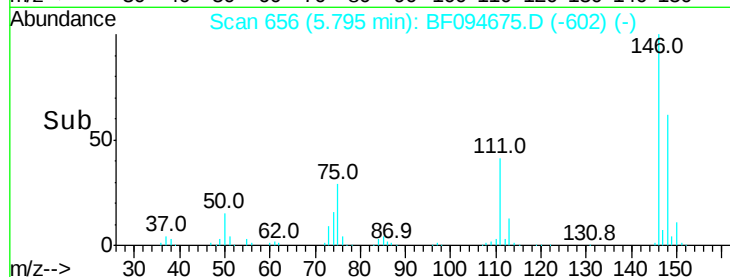
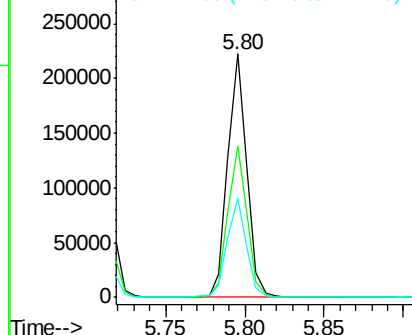
146 100

148 62.2 52.2 78.2

111 40.6 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: 23.21 ng

RT: 5.97 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

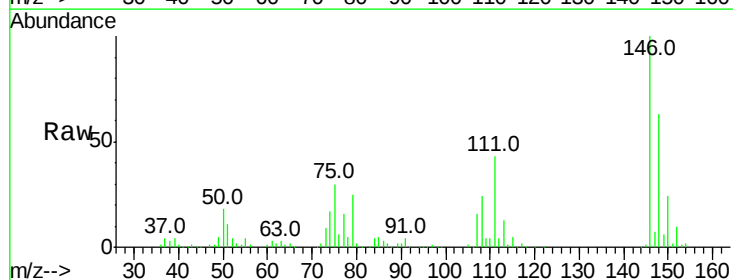
Tgt Ion:146 Resp: 179527

Ion Ratio Lower Upper

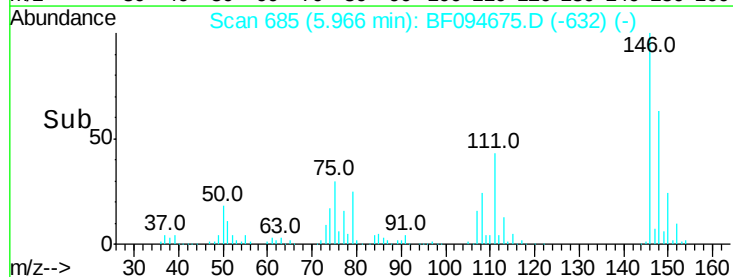
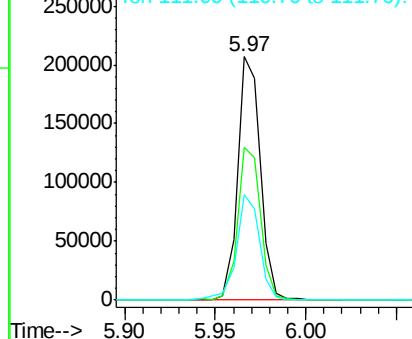
146 100

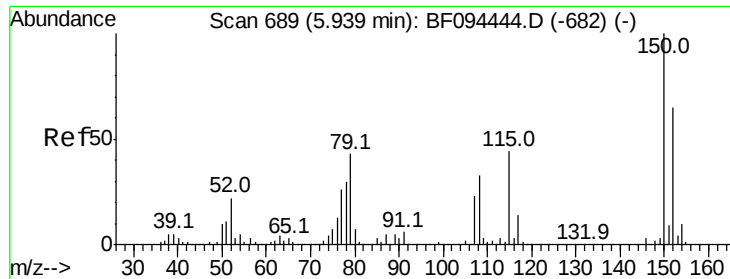
148 63.0 50.4 75.6

111 43.0 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

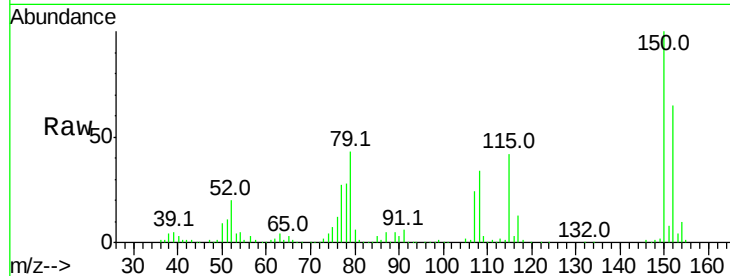




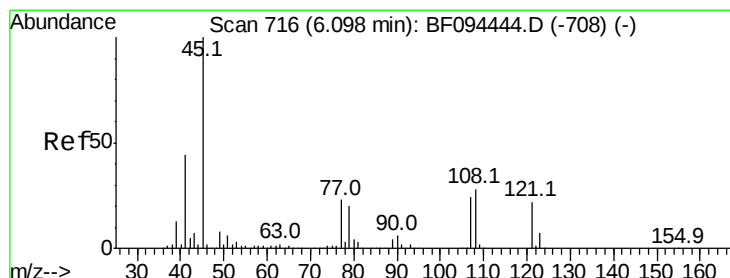
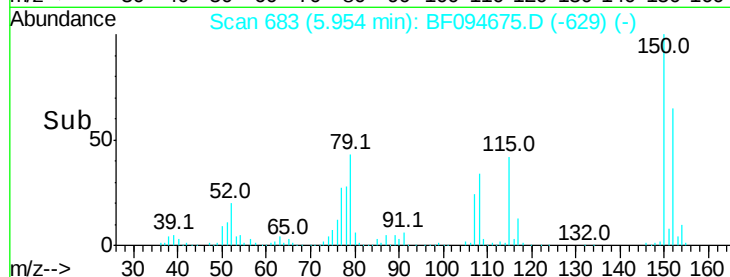
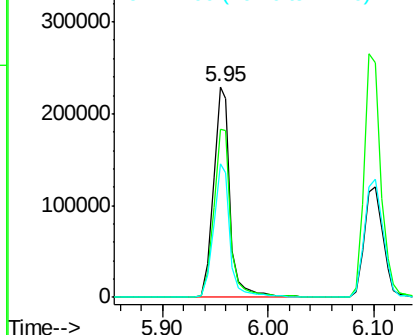
#15
Benzyl Alcohol
Concen: 44.28 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 256290
Ion Ratio Lower Upper
79 100
108 79.9 63.4 95.0
77 63.5 49.2 73.8

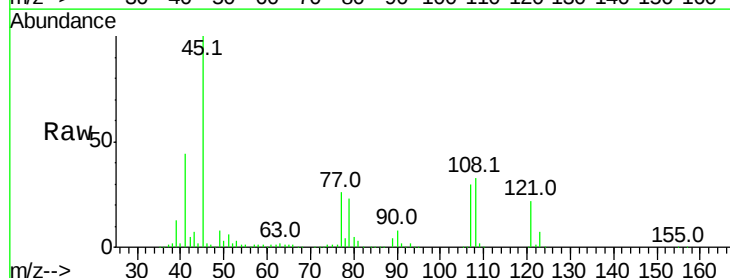


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

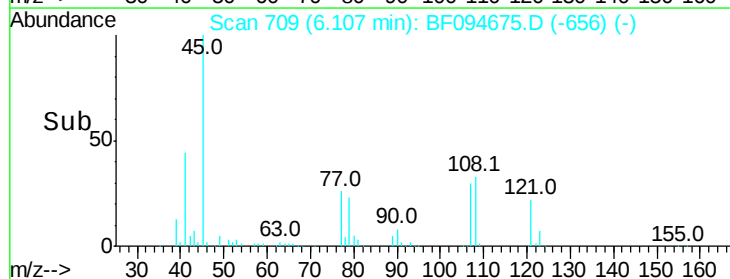
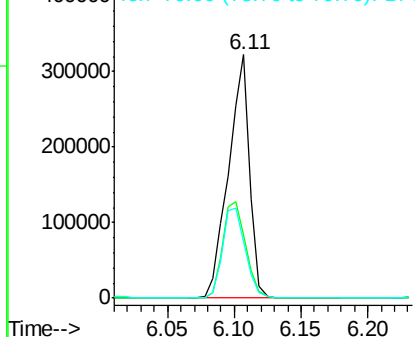


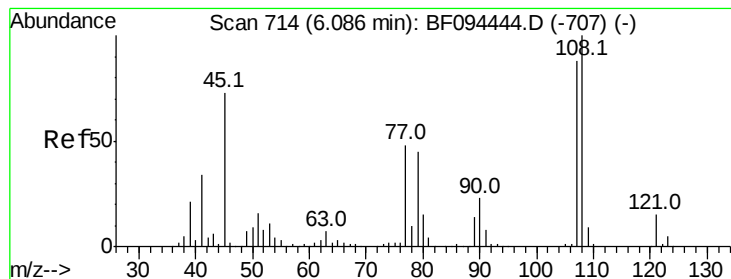
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.12 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion: 45 Resp: 359164
Ion Ratio Lower Upper
45 100
77 25.8 0.0 33.2
79 23.4 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.16 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 256052

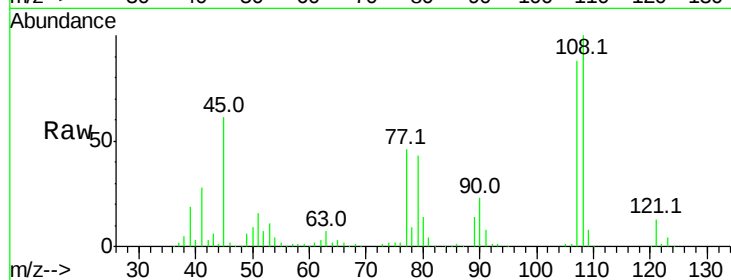
Ion Ratio Lower Upper

107 100

108 113.4 93.4 140.0

77 51.7 35.8 53.6

79 49.3 34.8 52.2

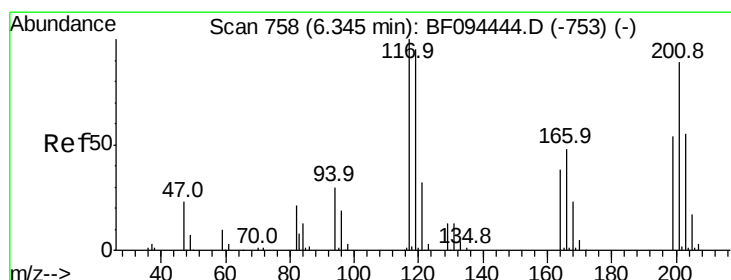
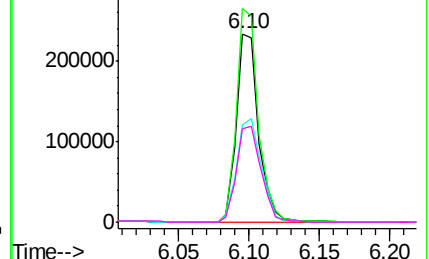
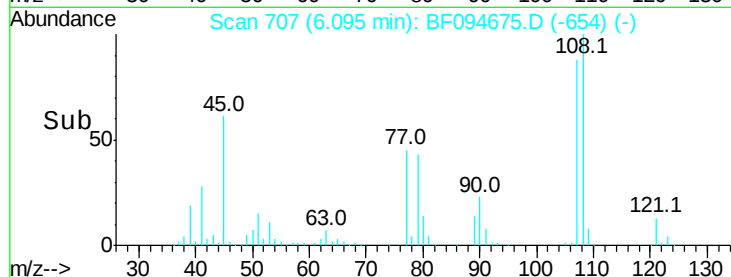


Abundance Ion 107.00 (106.70 to 107.70): E

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: 18.04 ng

RT: 6.35 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

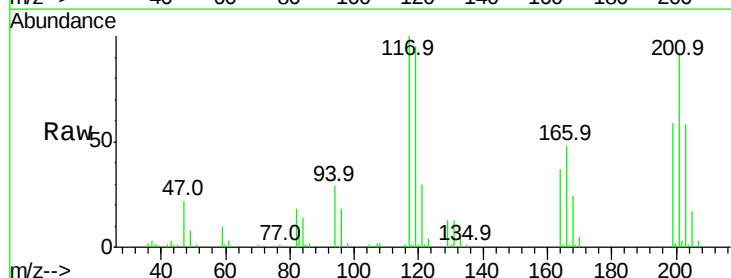
Tgt Ion:117 Resp: 51934

Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.0

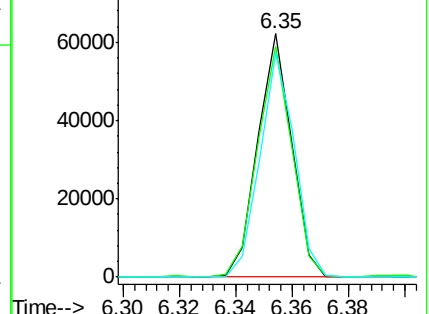
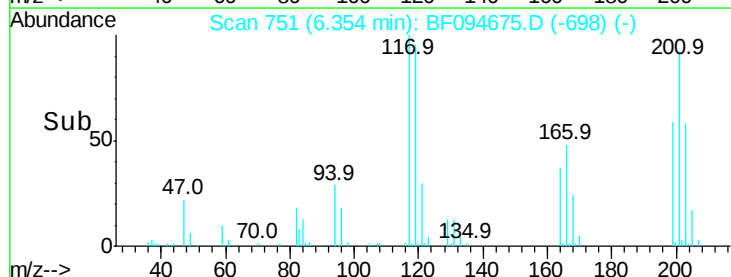
201 92.2 94.6 141.8#

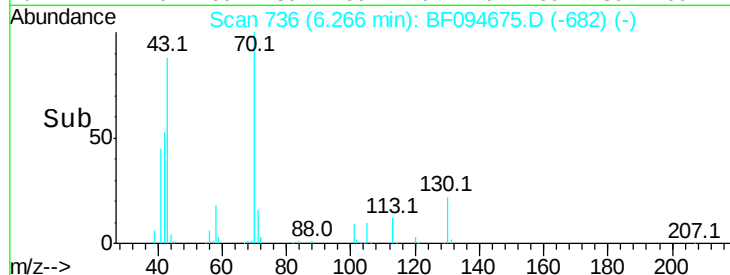
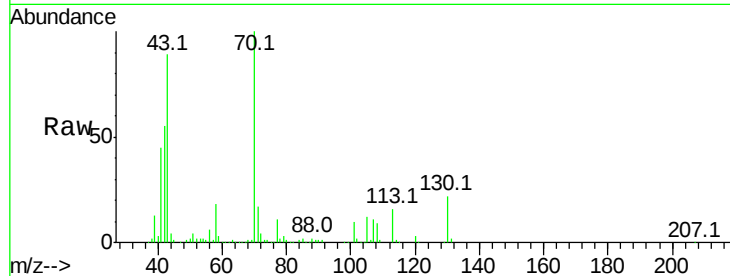
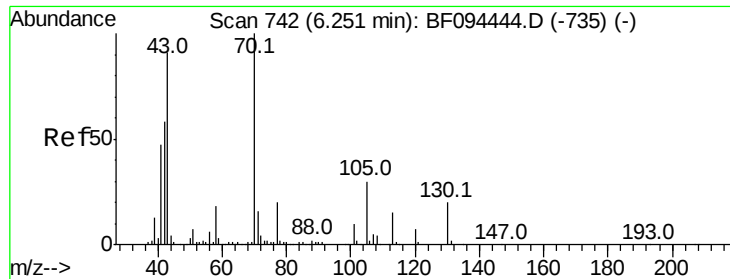


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

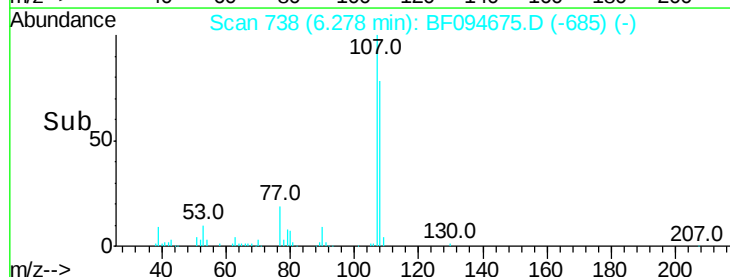
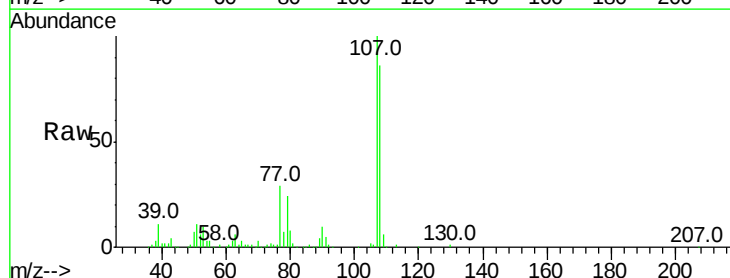
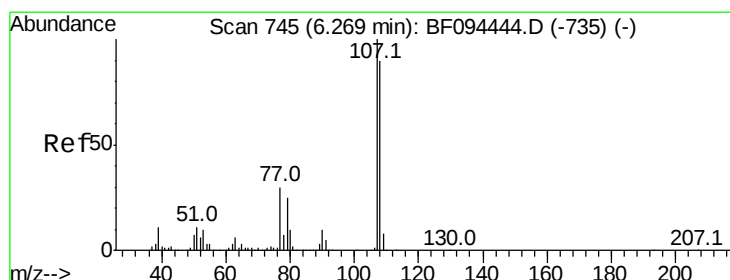
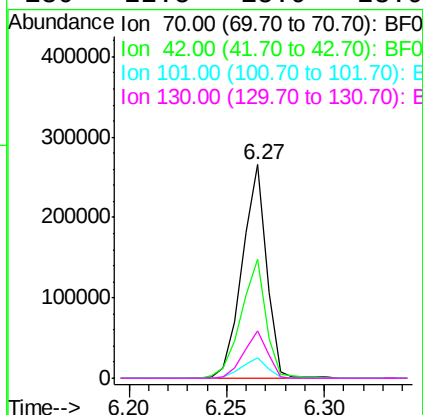




#19
n-Nitroso-di-n-propylamine
Concen: 44.49 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

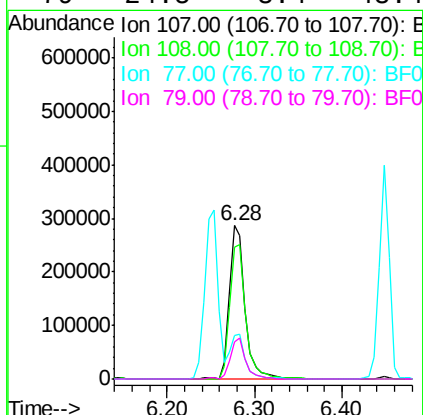
Instrument :
BNA_F
ClientSampleId :

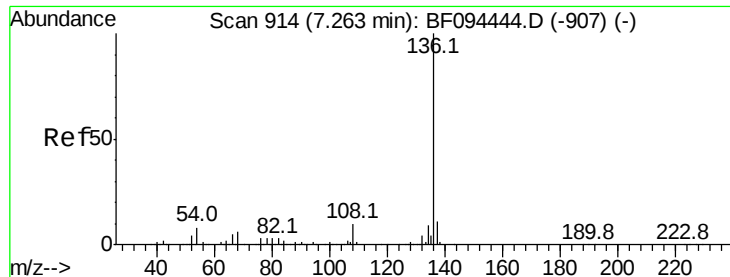
Tot Ion:	70	Resp:	230046
Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.2	70.8
101	9.9	7.2	10.8
130	22.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.87 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion:	107	Resp:	353669
Ion	Ratio	Lower	Upper
107	100		
108	86.3	71.0	111.0
77	28.5	90.5	130.5#
79	24.5	8.4	48.4

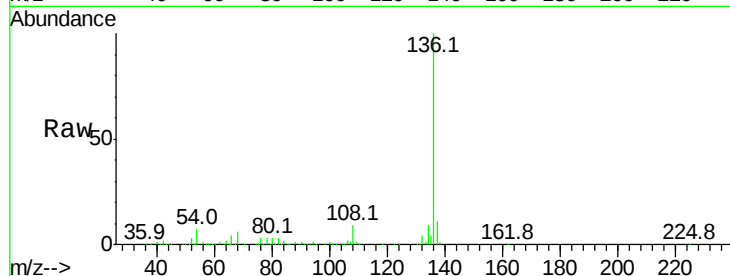




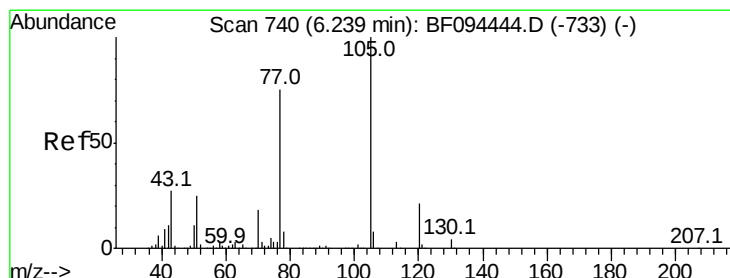
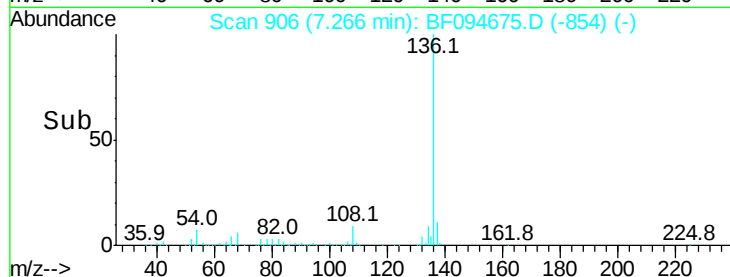
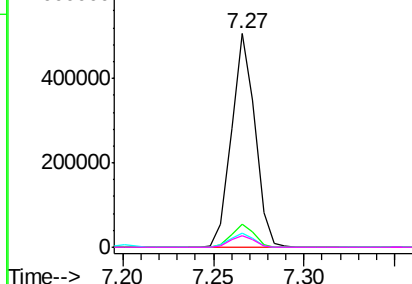
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	455739
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	6.8	4.9 7.3
68	5.6	4.1 6.1

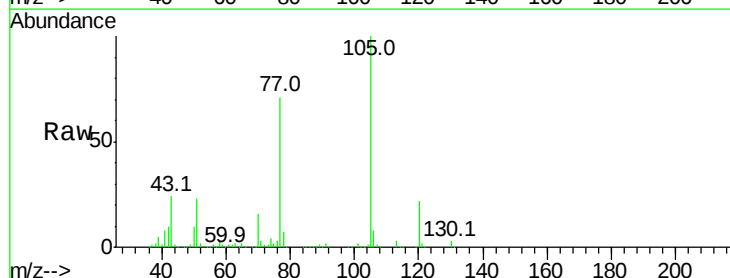


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

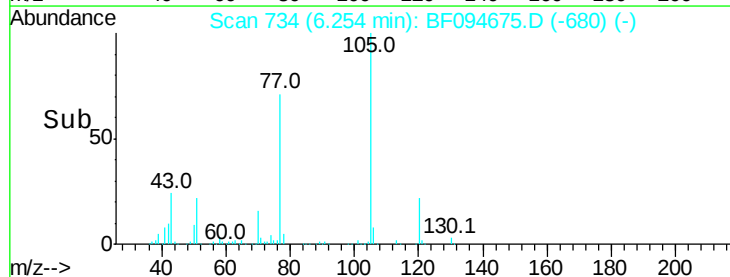
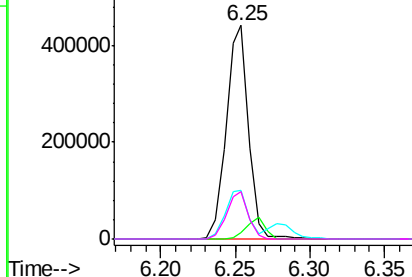


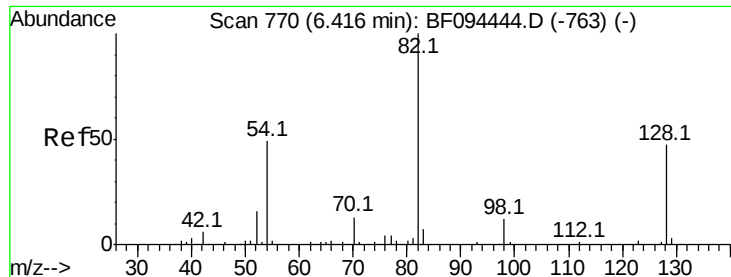
#22
Acetophenone
Concen: 41.91 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion:105	Resp:	464389
Ion Ratio	Lower	Upper
105	100	
71	2.7	2.8 4.2#
51	22.6	30.7 46.1#
120	22.0	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

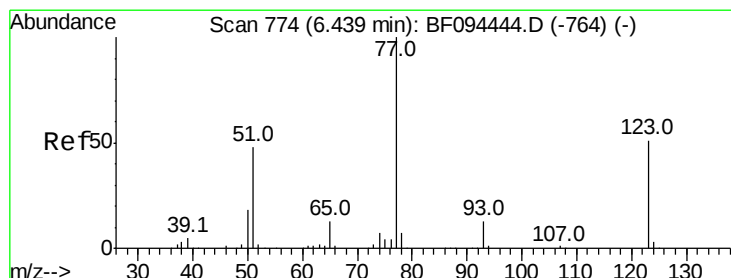
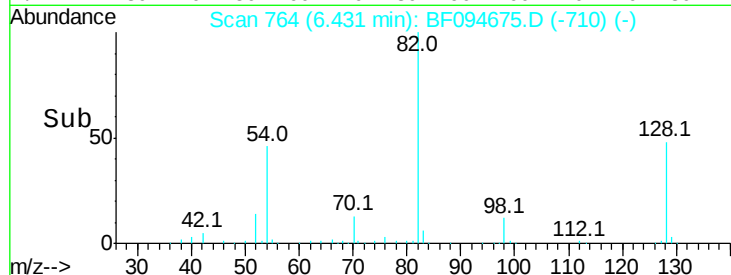
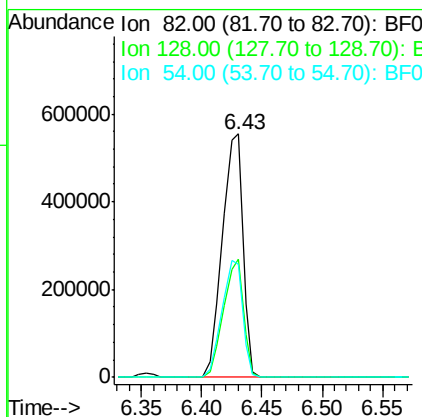
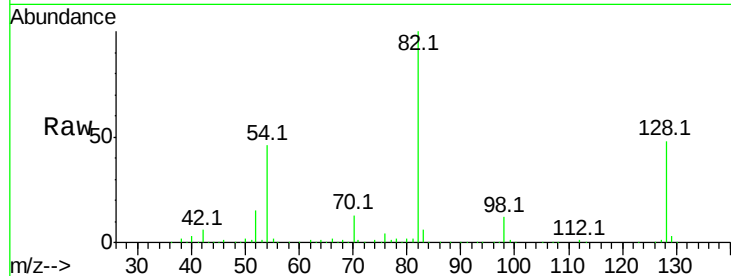




#23
 Nitrobenzene-d5
 Concen: 88.96 ng
 RT: 6.43 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

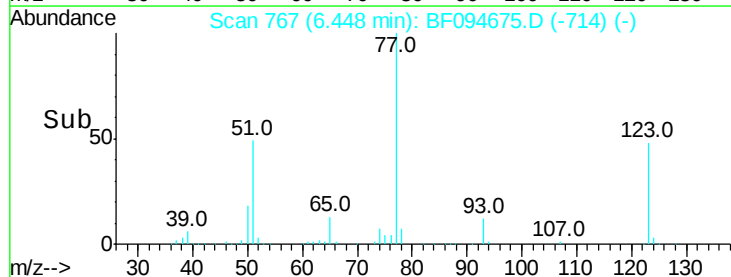
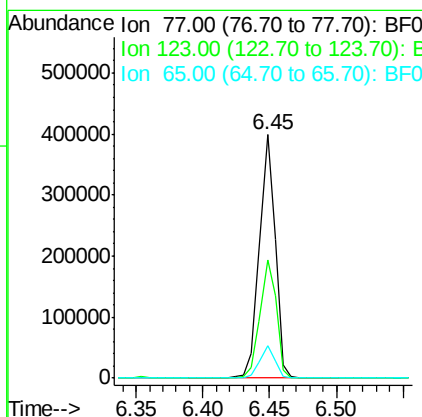
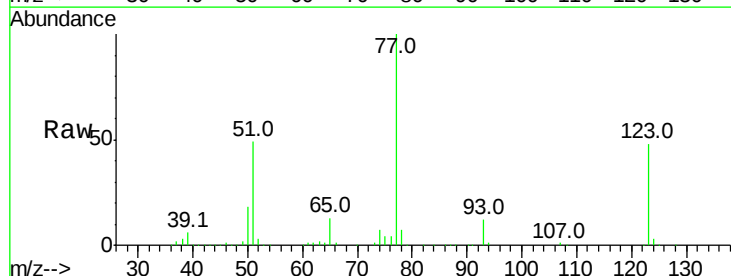
Instrument :
 BNA_F
 ClientSampleId :

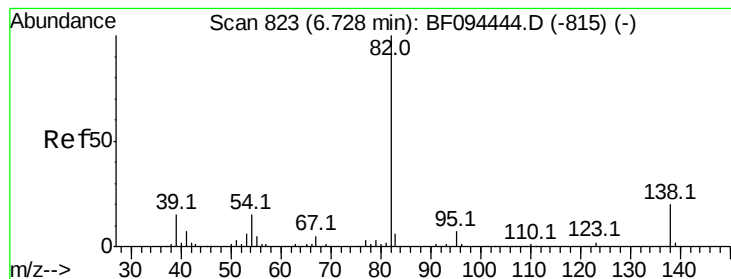
Tot Ion: 82 Resp: 656550
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.0 51.0
 54 46.2 42.2 63.2



#24
 Nitrobenzene
 Concen: 41.19 ng
 RT: 6.45 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion: 77 Resp: 320169
 Ion Ratio Lower Upper
 77 100
 123 48.3 35.8 53.8
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 43.82 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

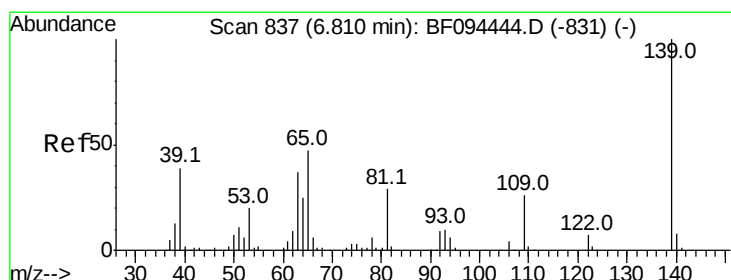
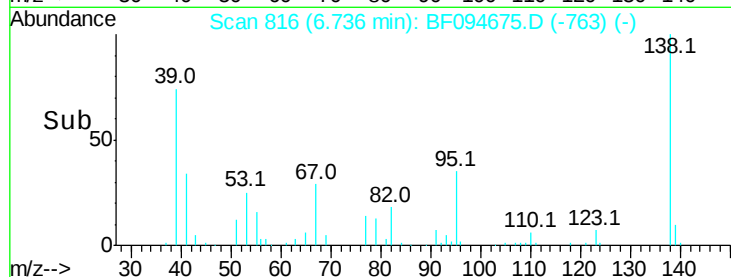
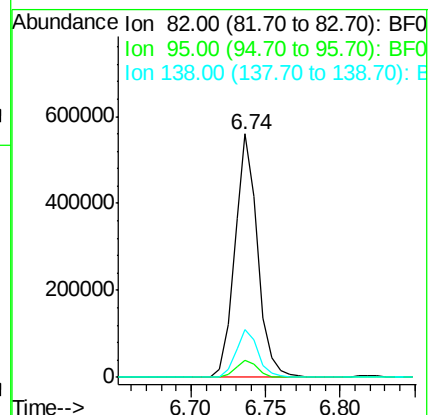
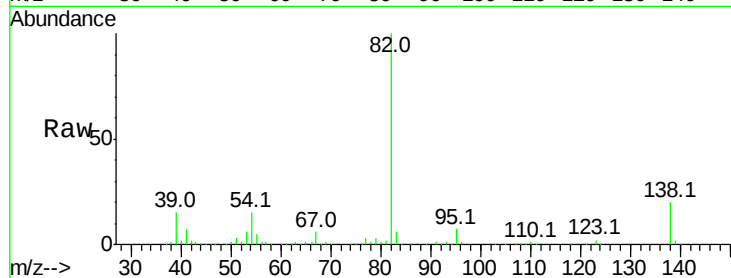
Tot Ion: 82 Resp: 599523

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 43.08 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

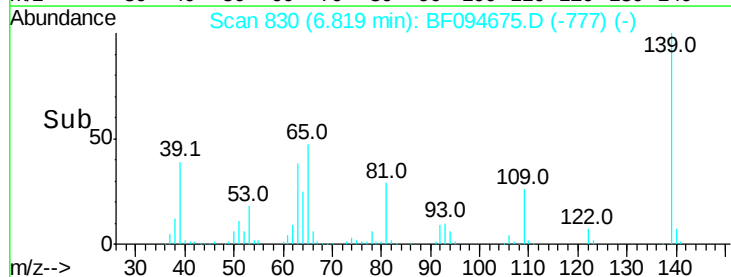
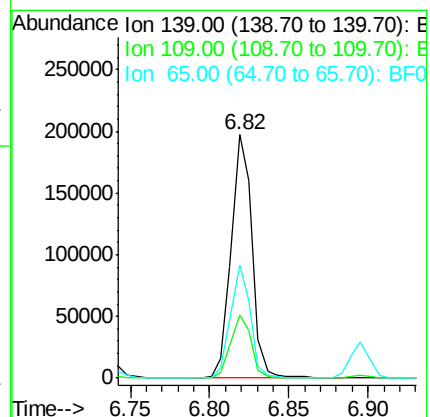
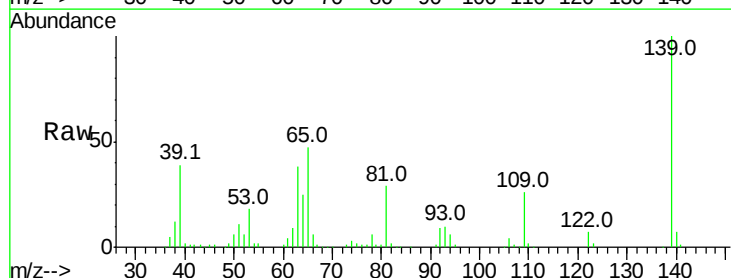
Tgt Ion:139 Resp: 179885

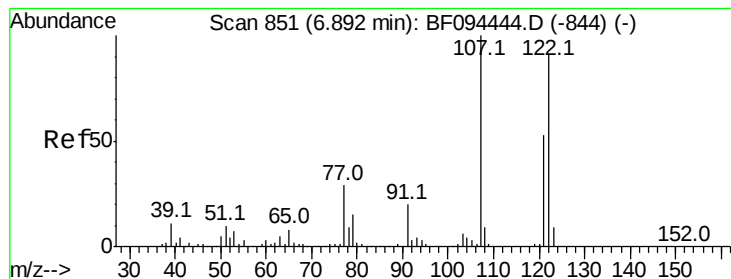
Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.6

65 46.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 43.84 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :
BNA_F
ClientSampled :

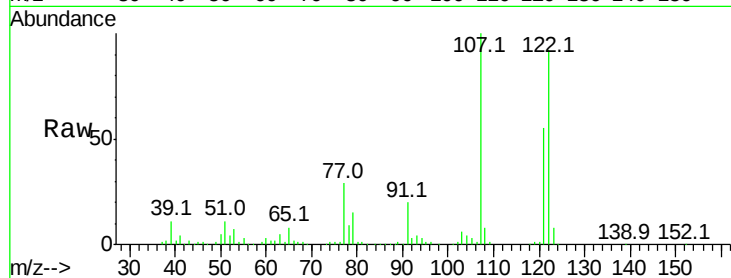
Tot Ion:122 Resp: 297320

Ion Ratio Lower Upper

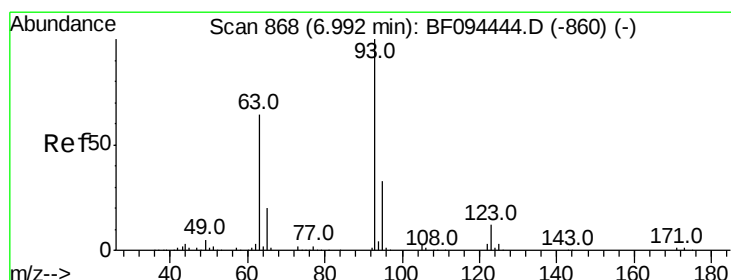
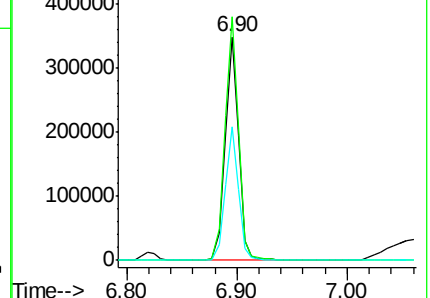
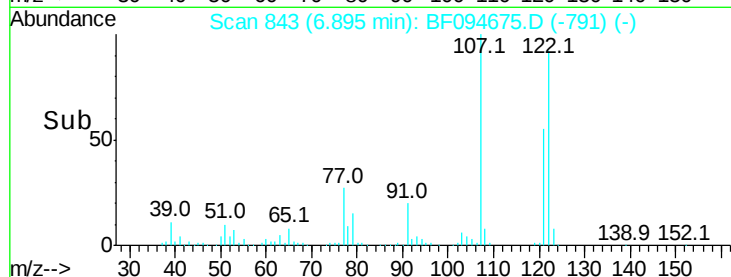
122 100

107 109.1 89.2 133.8

121 59.7 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: 43.76 ng

RT: 7.00 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

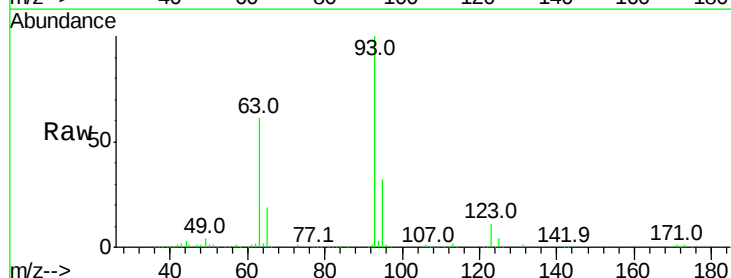
Tgt Ion: 93 Resp: 387263

Ion Ratio Lower Upper

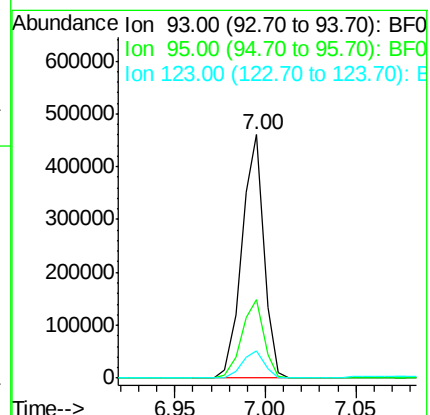
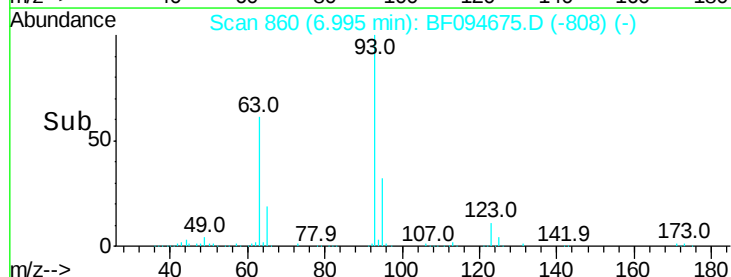
93 100

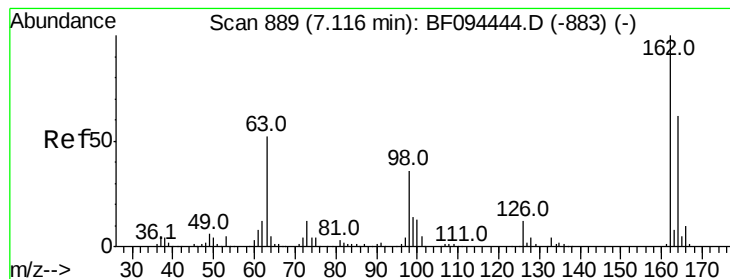
95 32.4 26.5 39.7

123 11.1 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: 45.01 ng

RT: 7.12 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

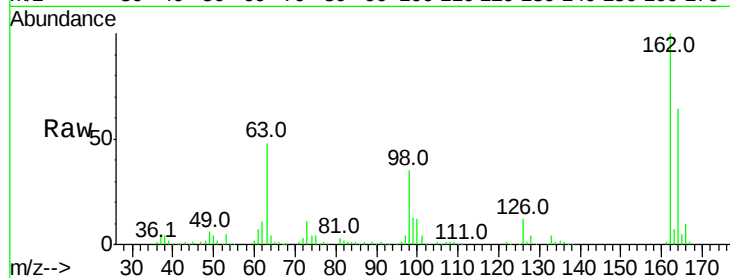
Tot Ion:162 Resp: 284006

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

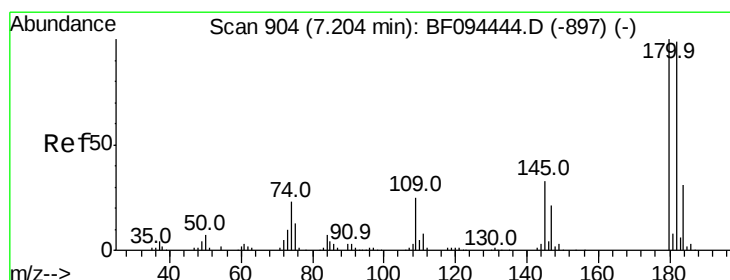
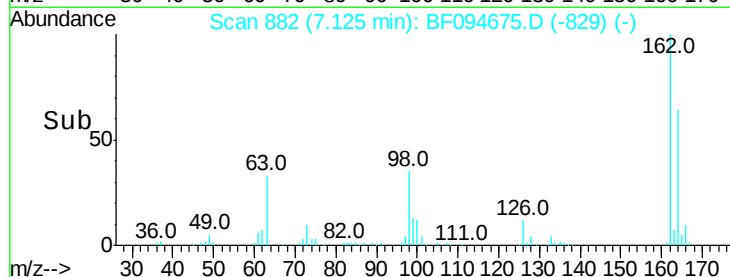
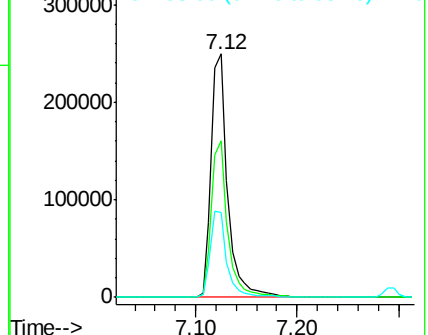
98 34.7 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 30.30 ng

RT: 7.20 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

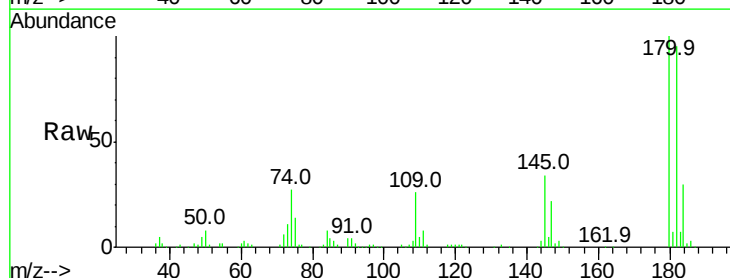
Tgt Ion:180 Resp: 197661

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

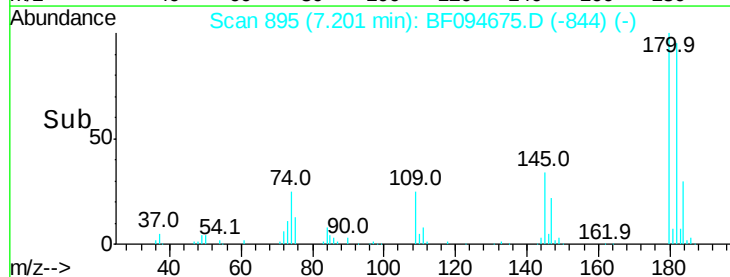
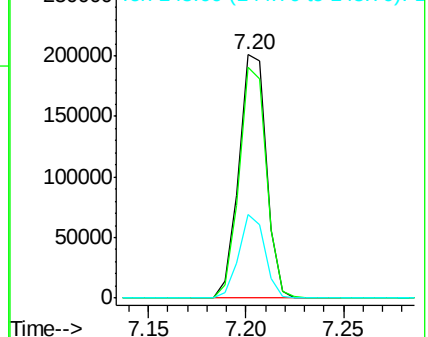
145 34.4 25.3 37.9

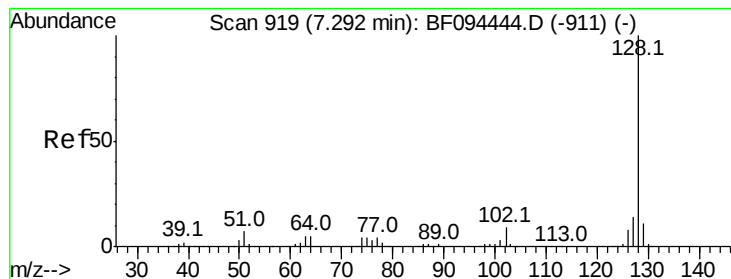


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 33.20 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

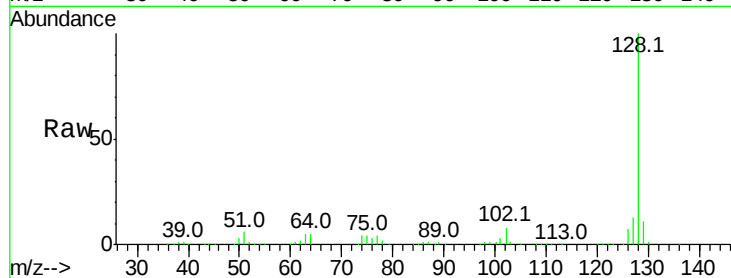
Tot Ion:128 Resp: 727465

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

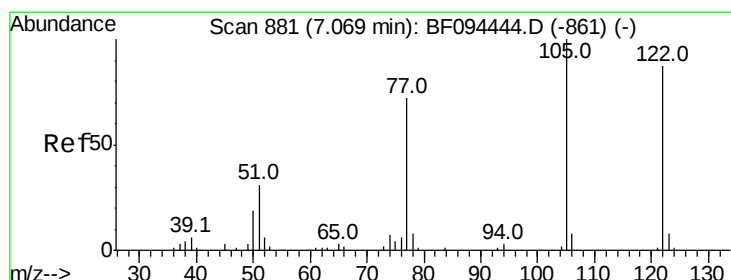
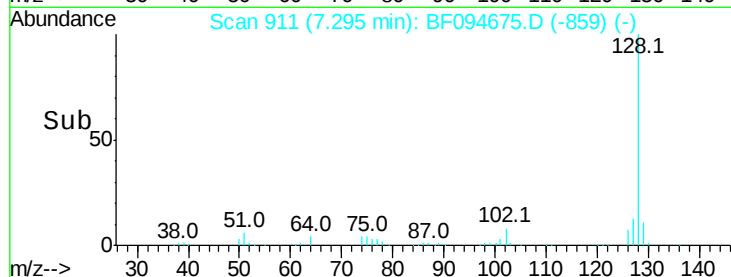
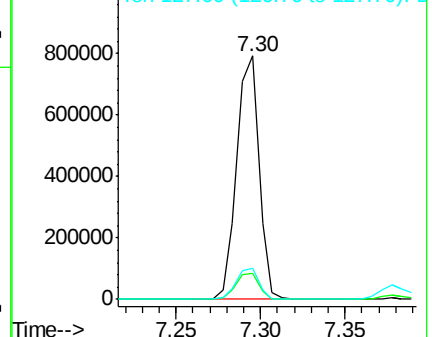
127 13.0 10.8 16.2



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: 48.95 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.03 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

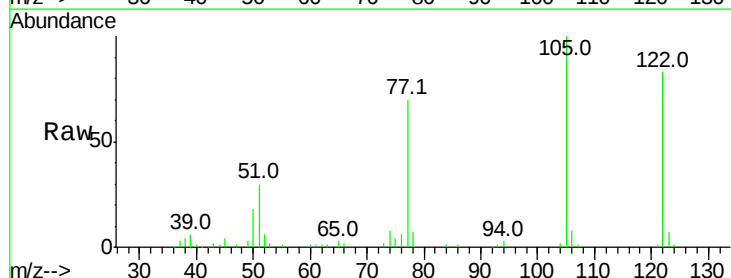
Tgt Ion:122 Resp: 175577

Ion Ratio Lower Upper

122 100

105 120.0 103.3 143.3

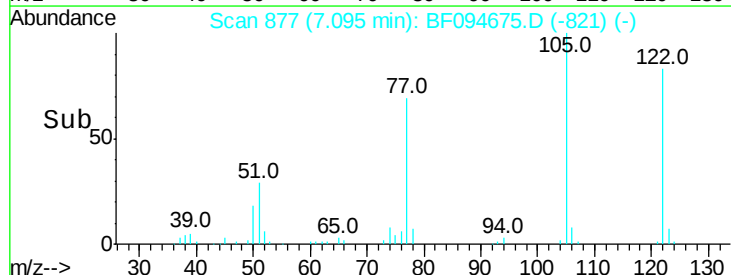
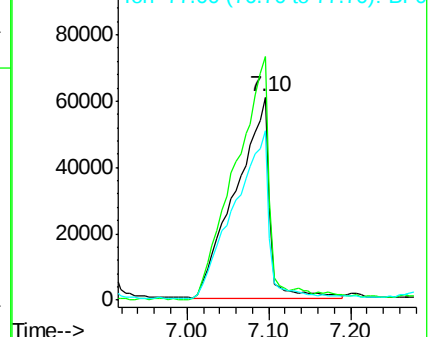
77 83.7 73.7 113.7

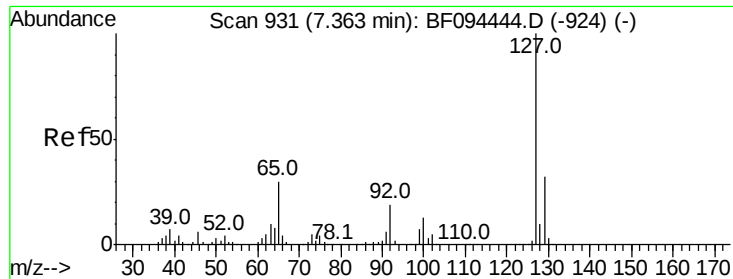


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

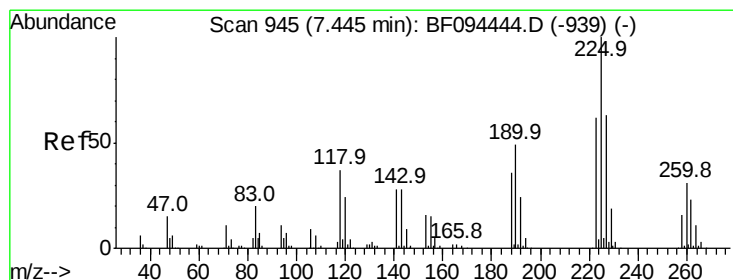
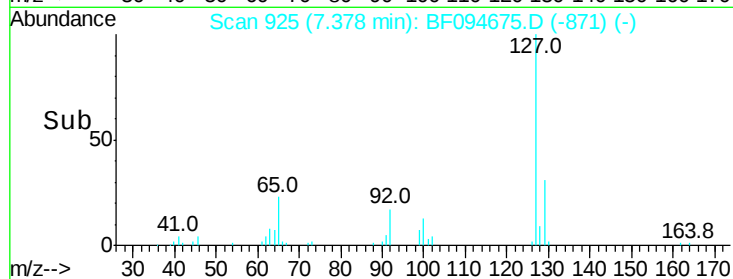
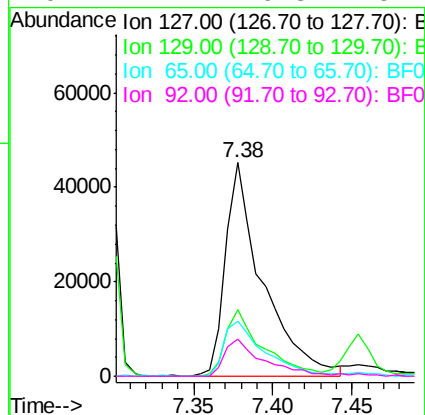
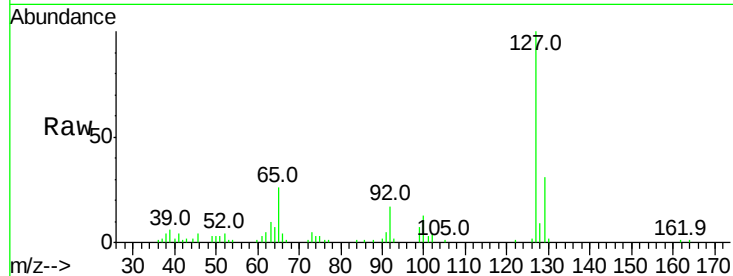




#33
4-Chloroaniline
Concen: 8.08 ng
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

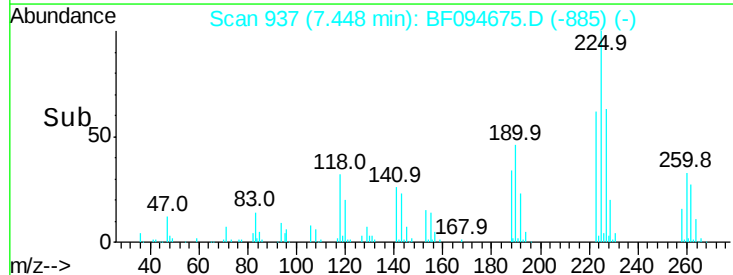
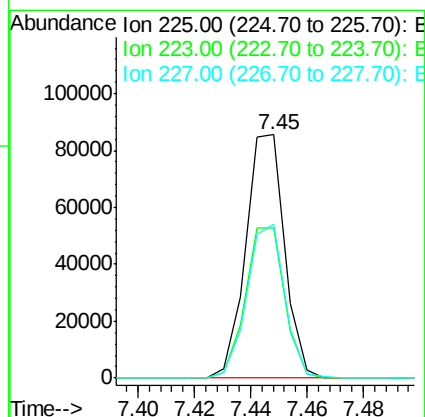
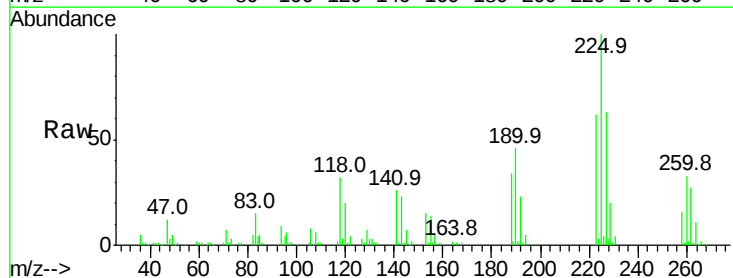
Instrument :
BNA_F
ClientSampleId :

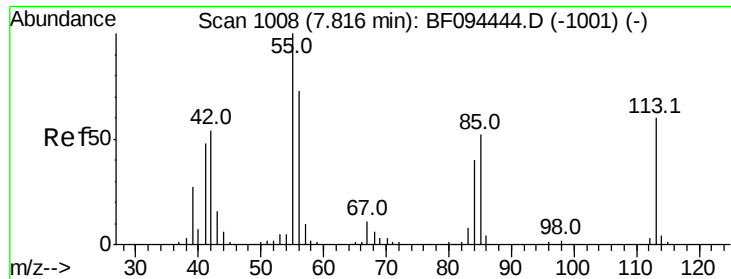
Tot Ion:	127	Resp:	73615
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	25.8	27.8	41.8#
92	17.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 25.09 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion:	225	Resp:	81608
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.8	73.2
227	63.5	51.1	76.7

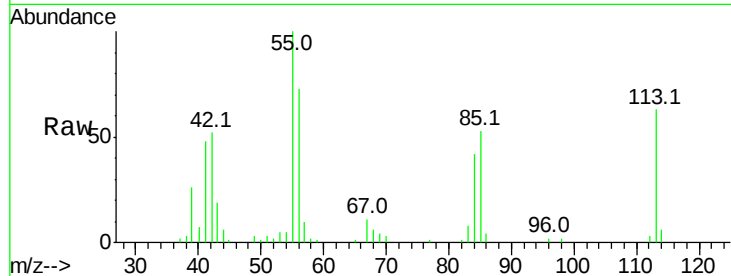




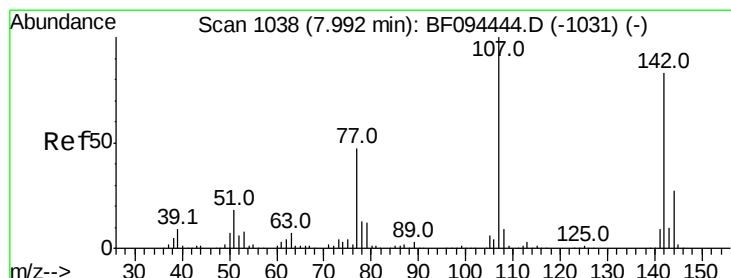
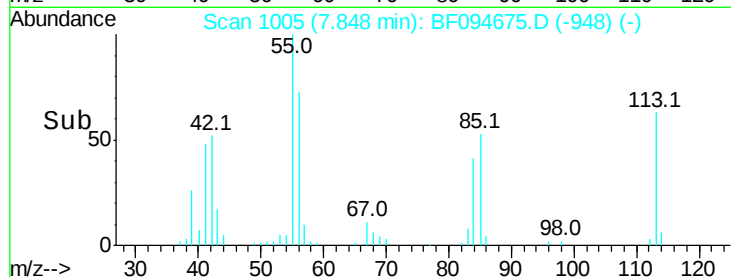
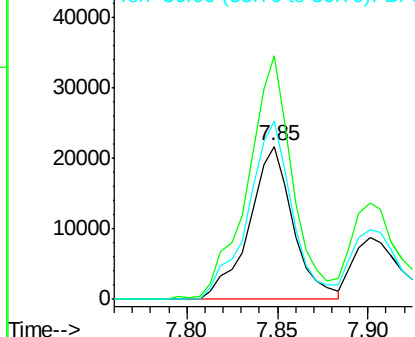
#35
 Caprolactam
 Concen: 18.51 ng
 RT: 7.85 min Scan# 1005
 Delta R.T. 0.03 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 36699
 Ion Ratio Lower Upper
 113 100
 55 159.0 150.2 190.2
 56 116.1 107.8 147.8

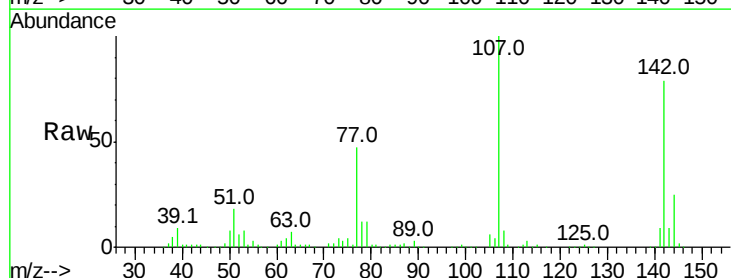


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

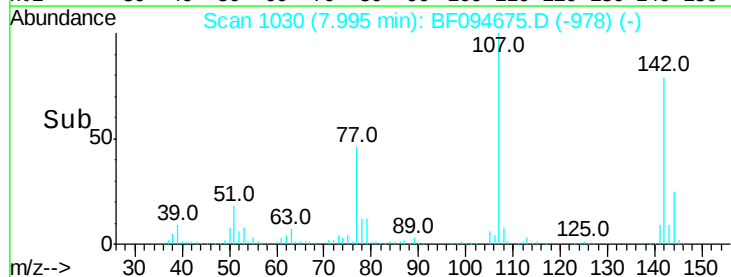
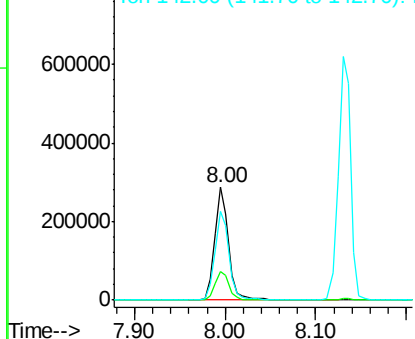


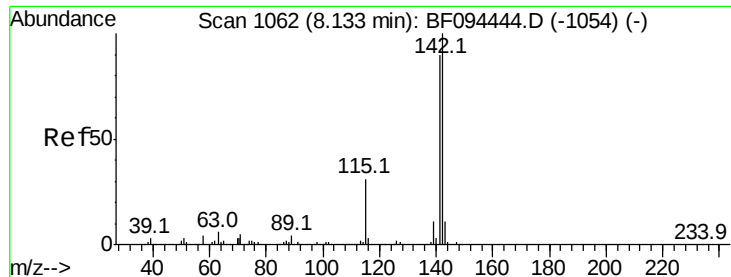
#36
 4-Chloro-3-methylphenol
 Concen: 45.72 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion:107 Resp: 302329
 Ion Ratio Lower Upper
 107 100
 144 25.5 24.2 36.4
 142 78.7 73.4 110.0



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

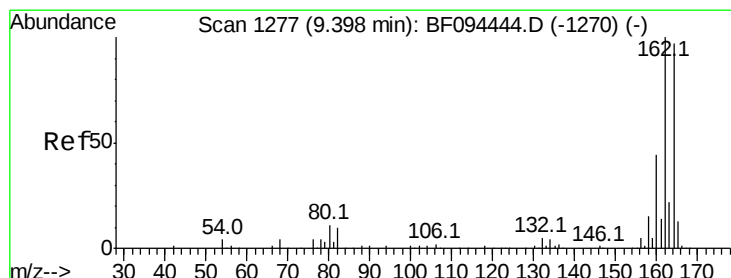
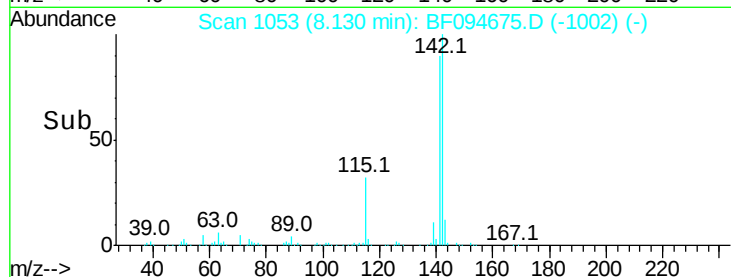
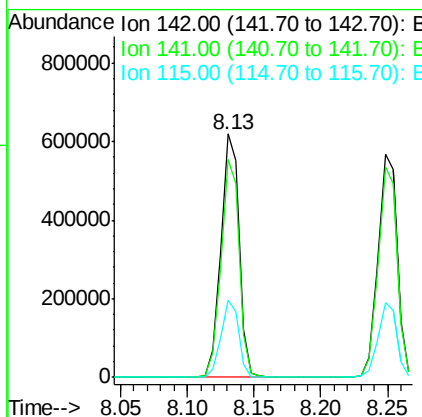
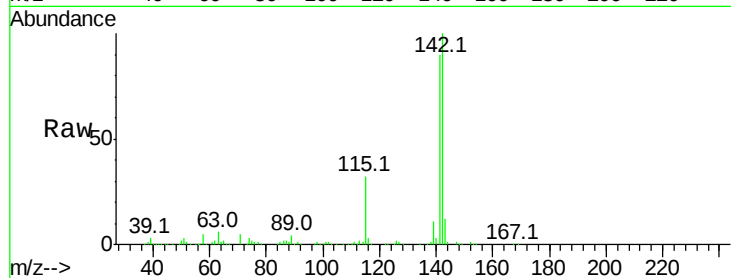




#37
 2-Methylnaphthalene
 Concen: 40.04 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

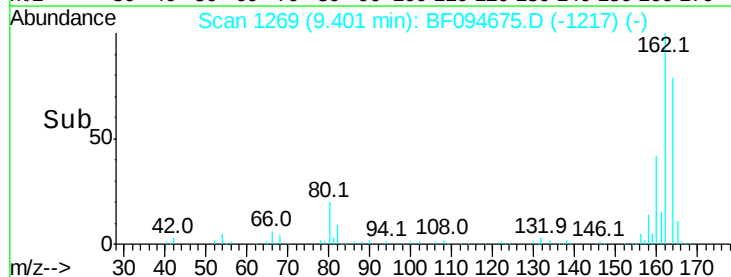
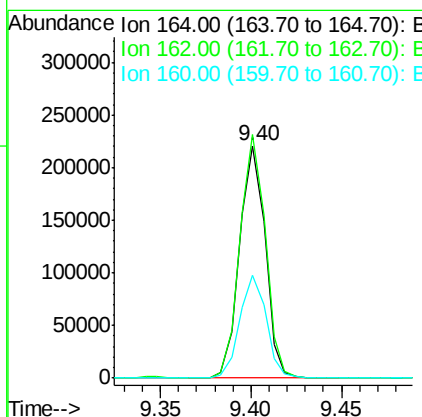
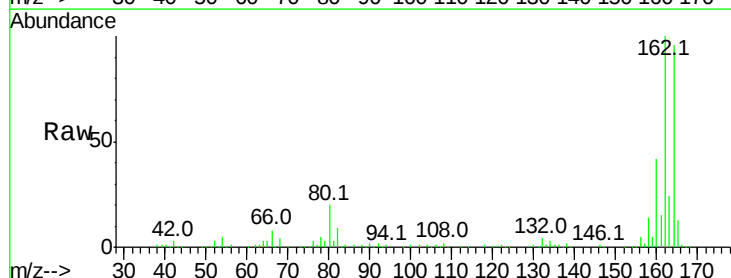
Instrument :
 BNA_F
 ClientSampleId :

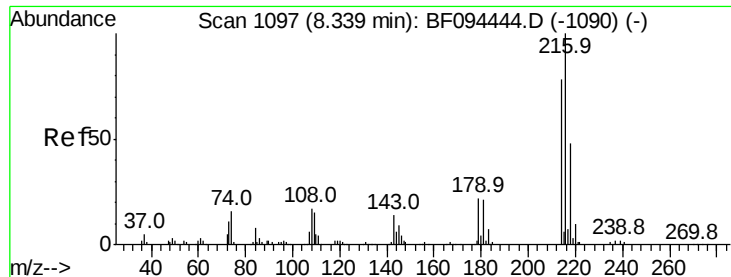
Tot Ion:142 Resp: 600222
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.3 106.9
 115 31.6 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion:164 Resp: 216630
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 44.5 36.2 54.2

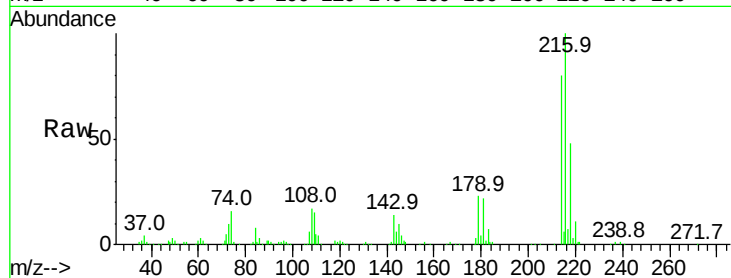




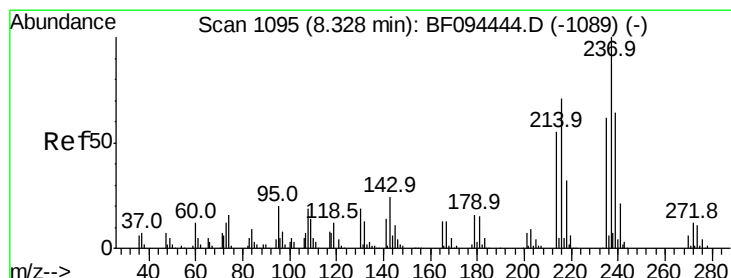
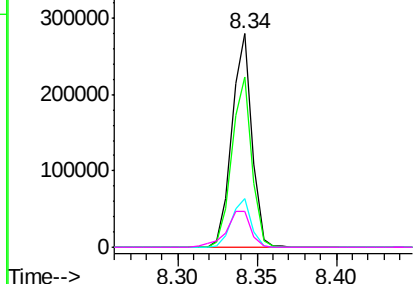
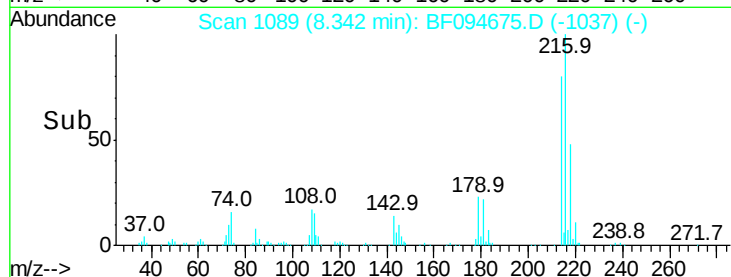
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.61 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	244316
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.2
179	22.4	17.9	26.9
108	20.5	16.5	24.7

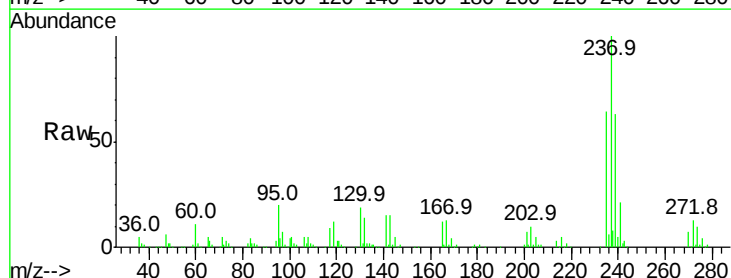


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

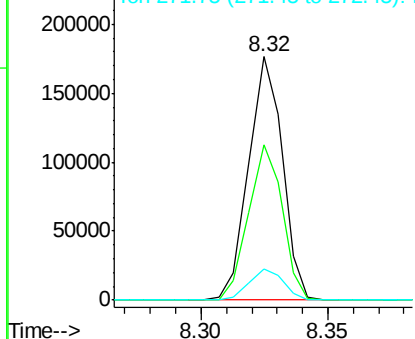
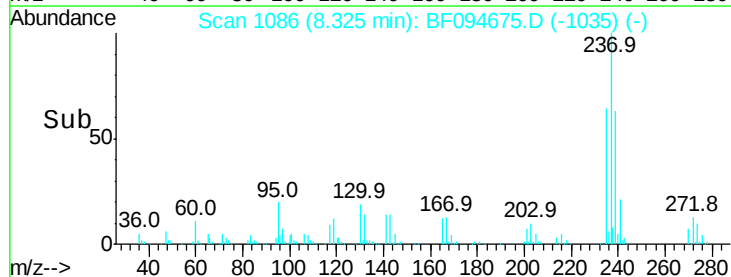


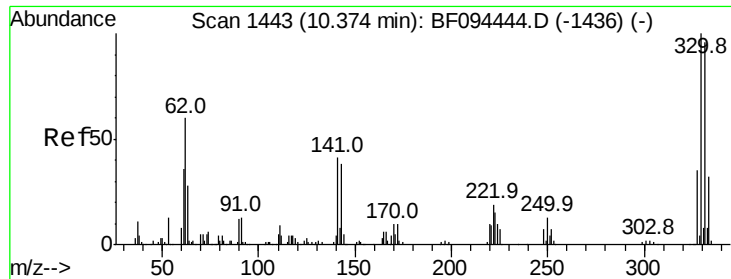
#40
 Hexachlorocyclopentadiene
 Concen: 65.73 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion:	237	Resp:	164021
Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.6	82.6
272	12.8	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

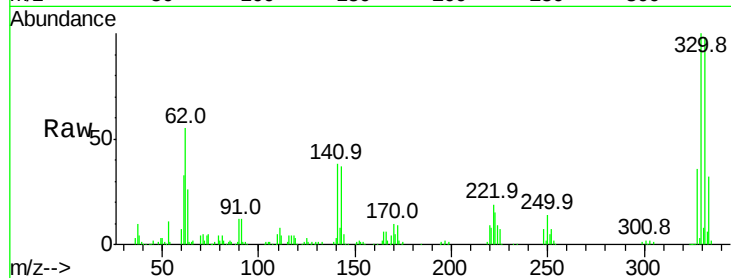




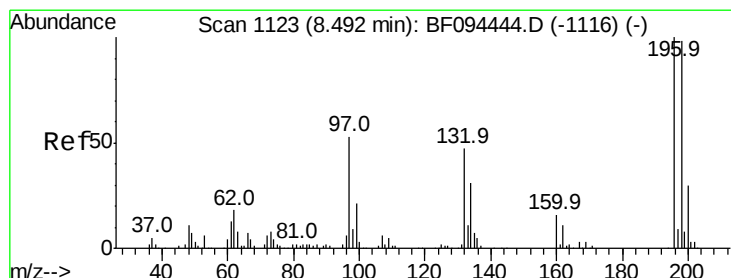
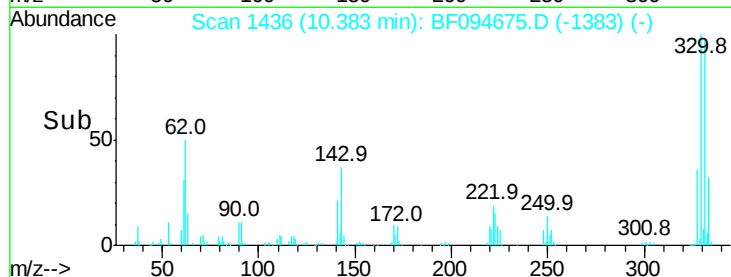
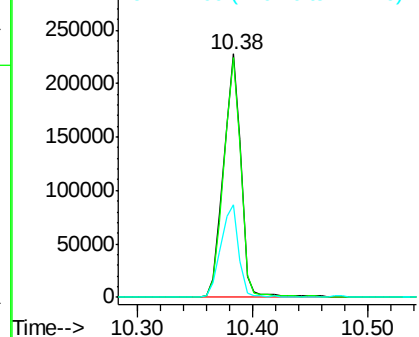
#41
 2,4,6-Tribromophenol
 Concen: 141.13 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 239144
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 39.3 31.4 47.2

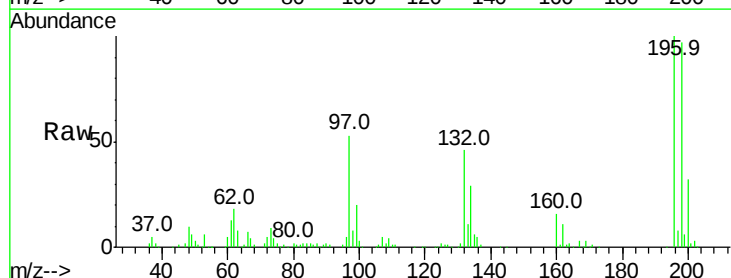


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

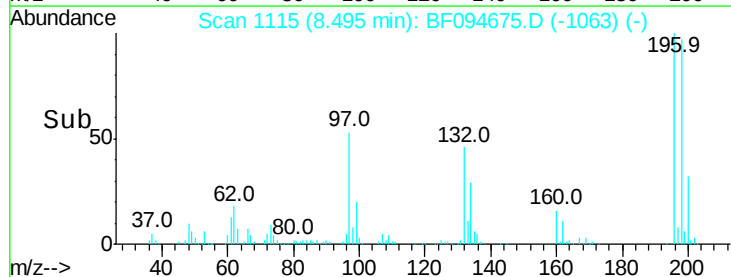
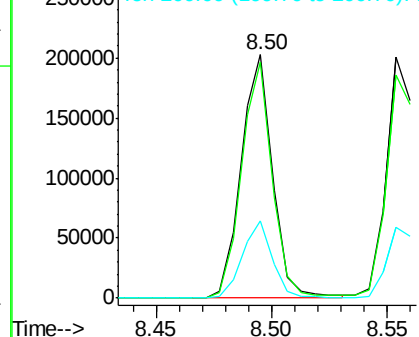


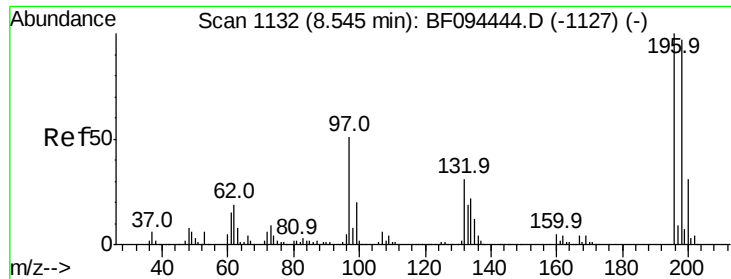
#42
 2,4,6-Trichlorophenol
 Concen: 44.39 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion:196 Resp: 192317
 Ion Ratio Lower Upper
 196 100
 198 96.9 74.2 111.4
 200 31.7 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

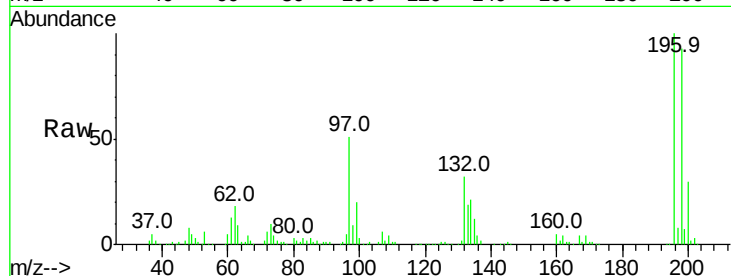




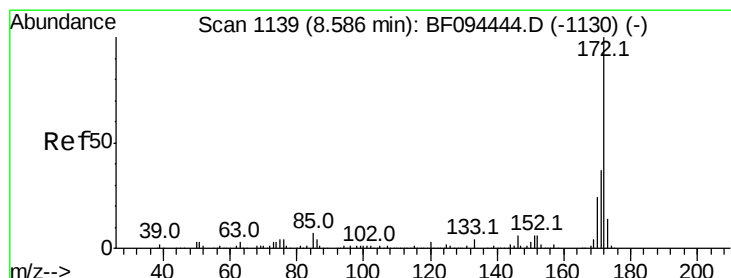
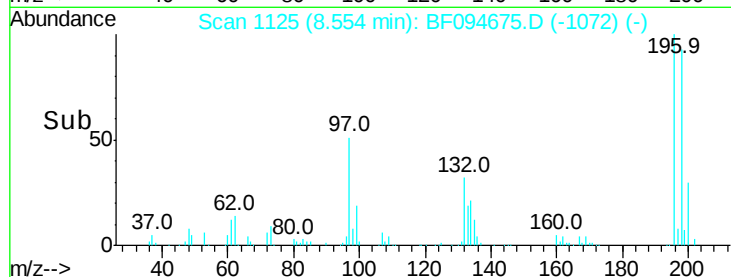
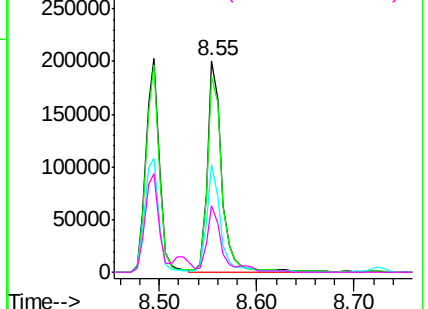
#43
 2,4,5-Trichlorophenol
 Concen: 45.47 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 202285
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.7 113.5
 97 51.0 47.7 71.5
 132 31.6 28.0 42.0

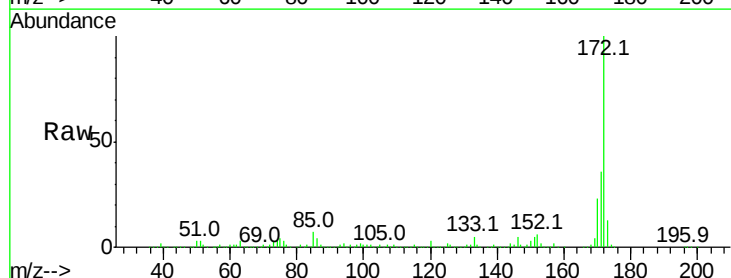


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

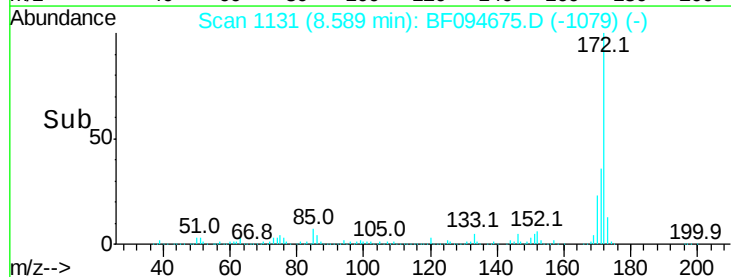
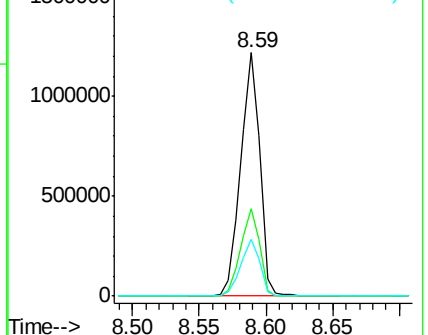


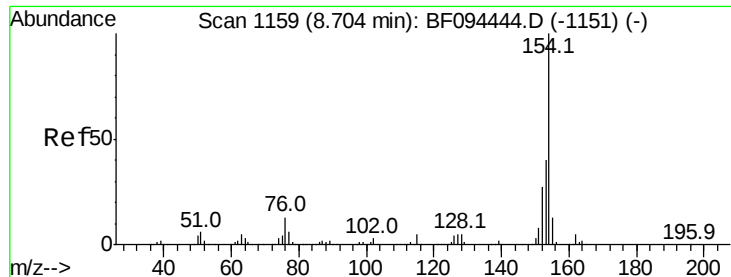
#44
 2-Fluorobiphenyl
 Concen: 82.76 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion:172 Resp: 1218484
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.3 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: 42.01 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

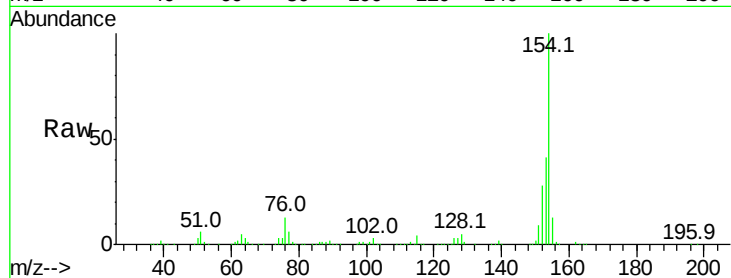
Tot Ion:154 Resp: 743509

Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

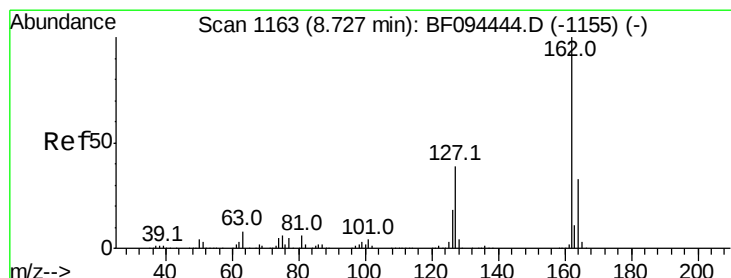
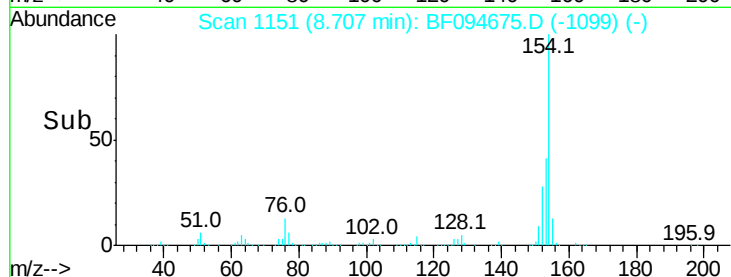
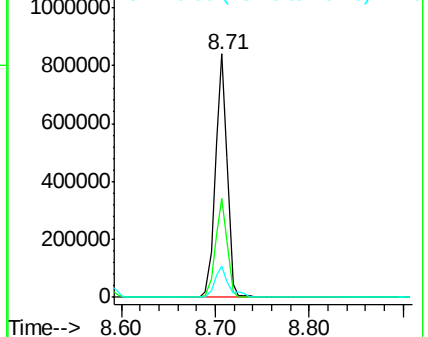
76 12.8 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.17 ng

RT: 8.72 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

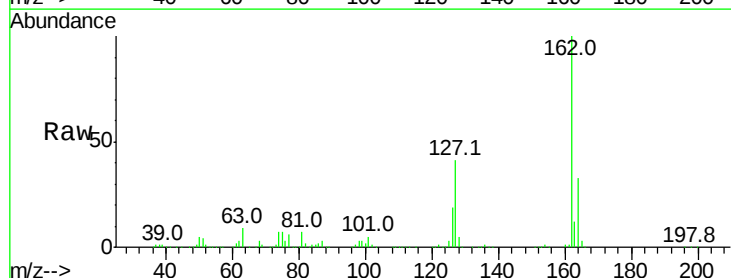
Tgt Ion:162 Resp: 579420

Ion Ratio Lower Upper

162 100

127 40.9 28.3 42.5

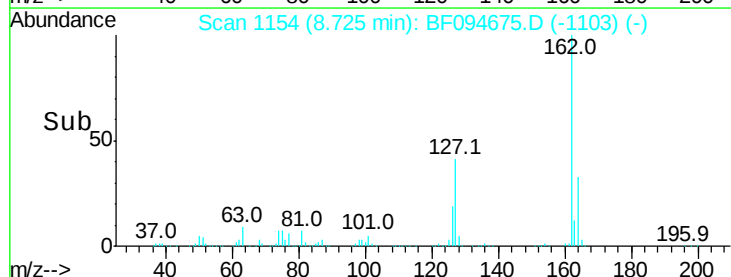
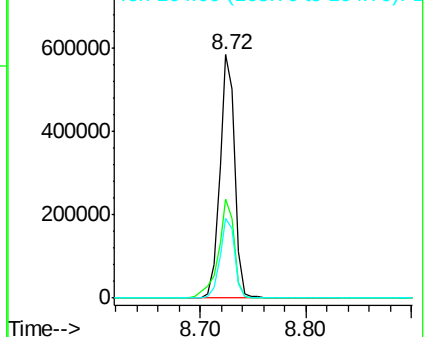
164 32.7 27.0 40.4

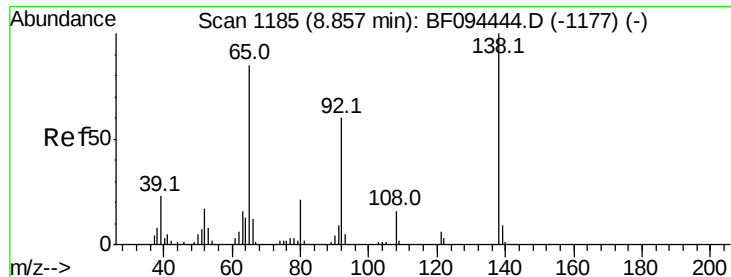


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

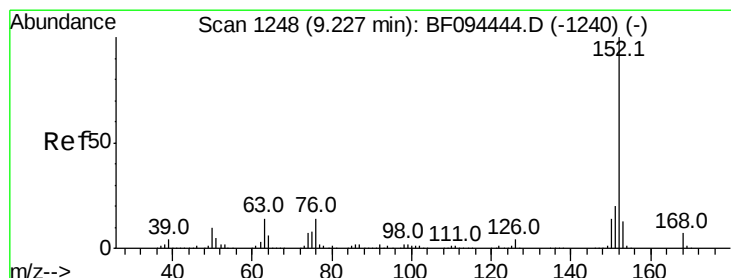
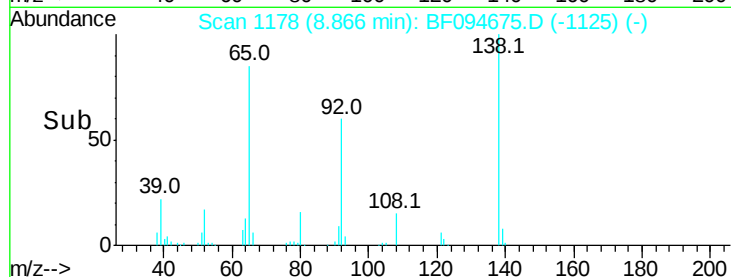
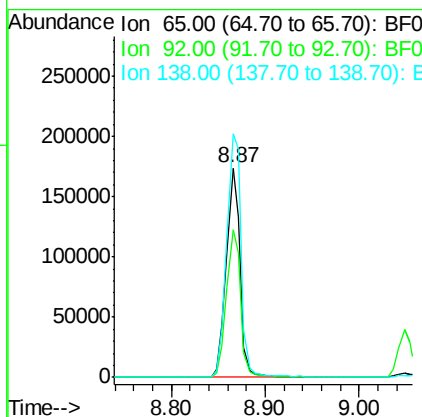
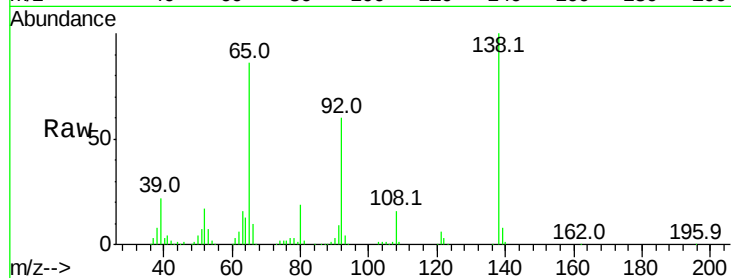




#47
2-Nitroaniline
Concen: 43.80 ng
RT: 8.87 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

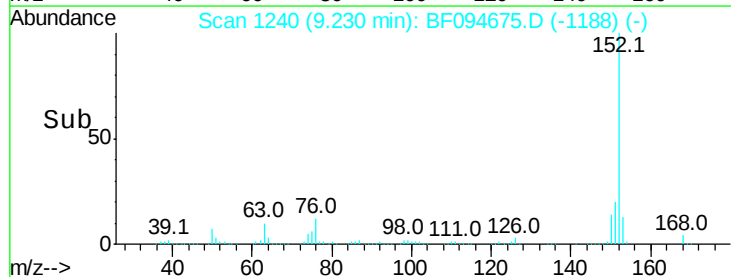
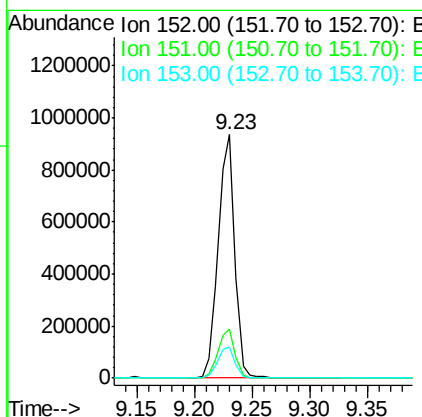
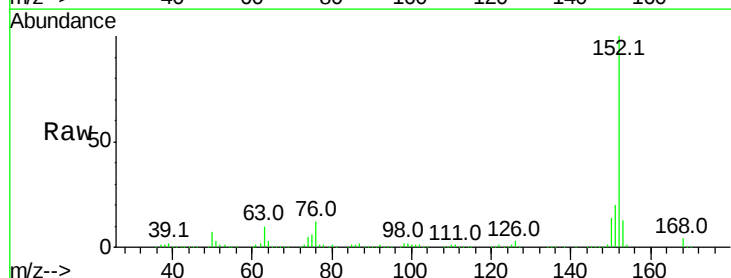
Instrument :
BNA_F
ClientSampled :

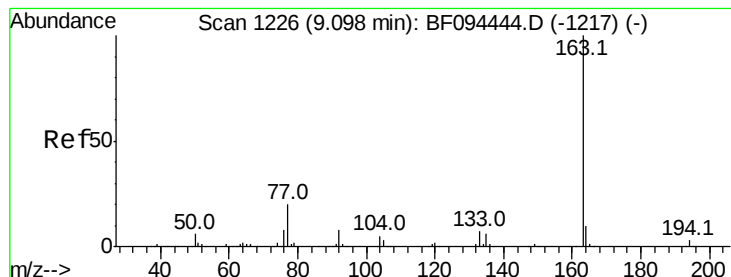
Tot Ion: 65 Resp: 177328
Ion Ratio Lower Upper
65 100
92 70.2 53.9 80.9
138 116.2 78.8 118.2



#48
Acenaphthylene
Concen: 42.41 ng
RT: 9.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion: 152 Resp: 930329
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 46.16 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

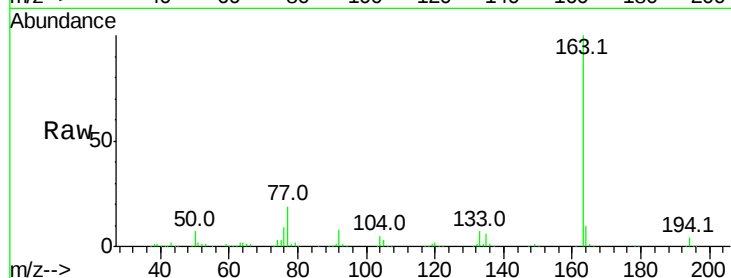
Tot Ion:163 Resp: 745168

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

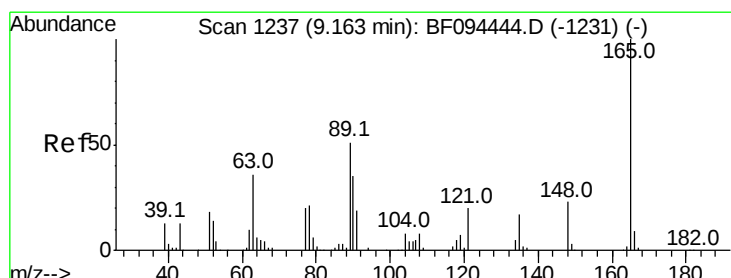
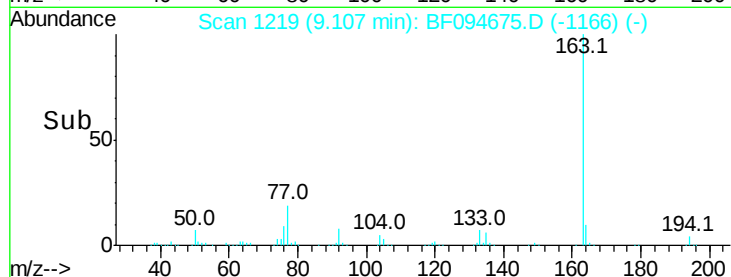
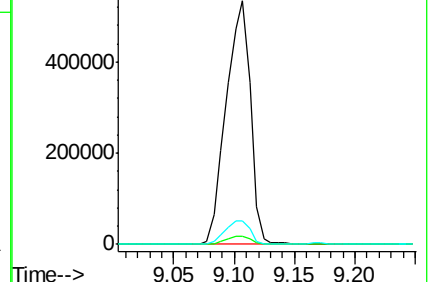
164 9.7 8.4 12.6



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: 46.30 ng

RT: 9.17 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

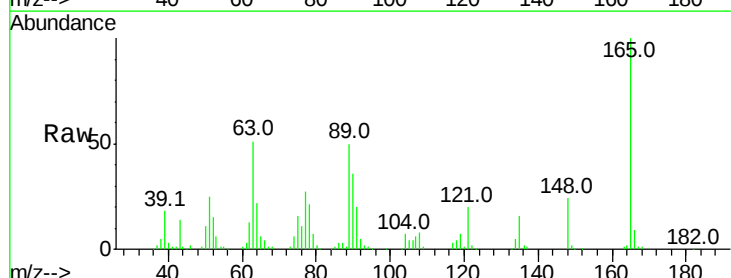
Tgt Ion:165 Resp: 167769

Ion Ratio Lower Upper

165 100

63 51.4 34.3 51.5

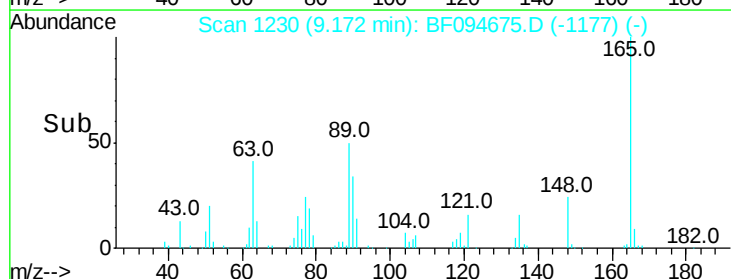
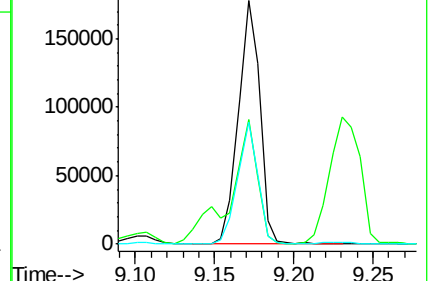
89 50.1 37.1 55.7

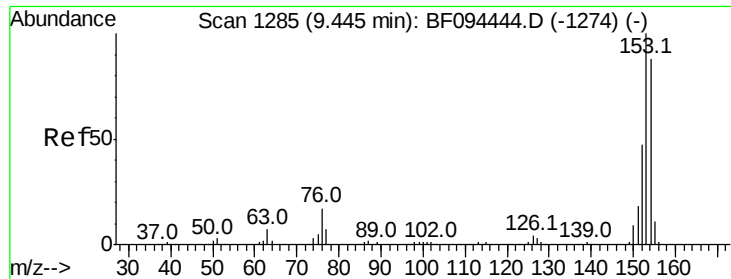


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.18 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

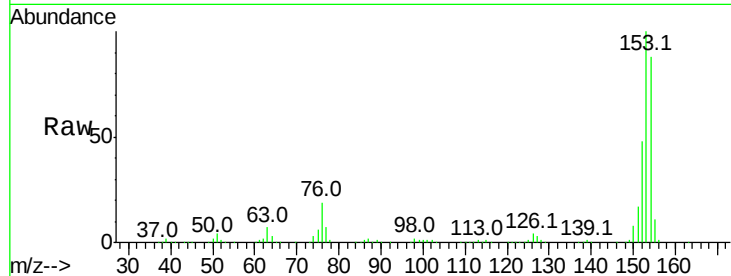
Tot Ion:154 Resp: 567435

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

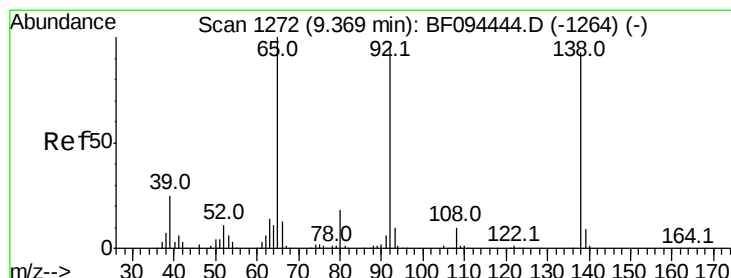
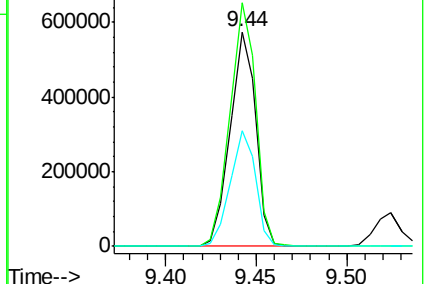
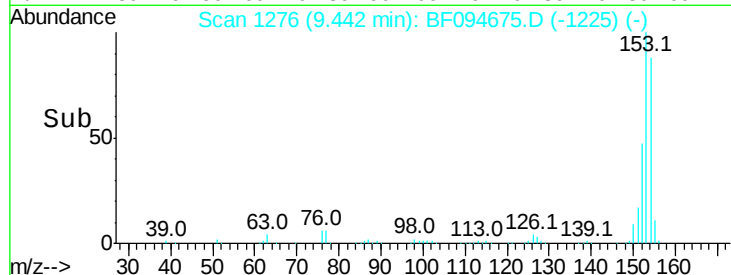
152 53.9 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.36 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

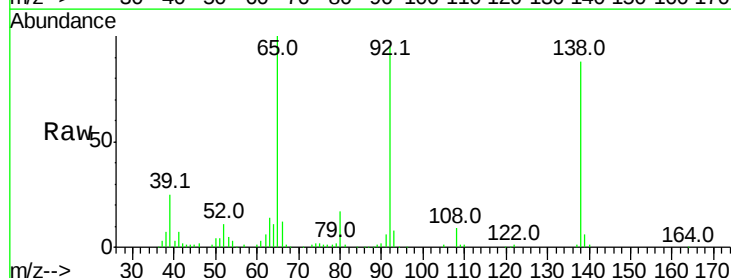
Tgt Ion:138 Resp: 81160

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

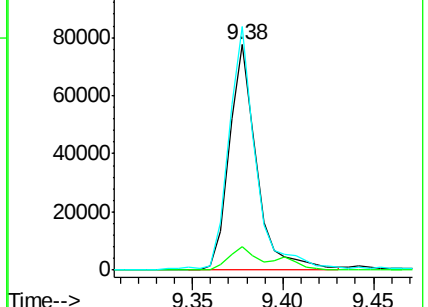
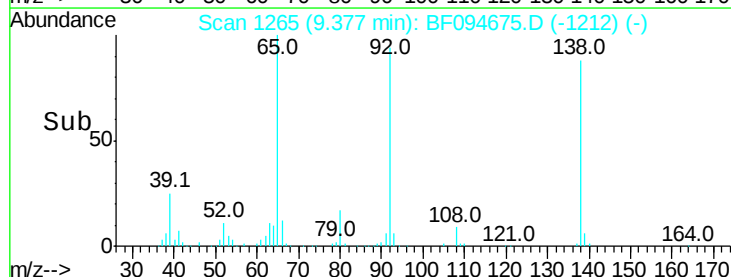
92 108.0 93.8 140.6

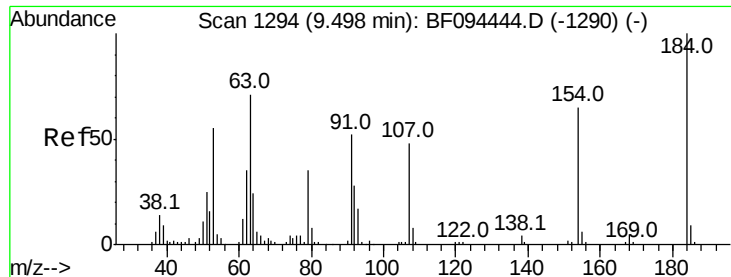


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

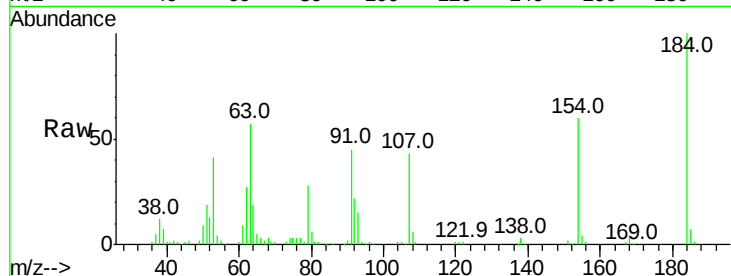




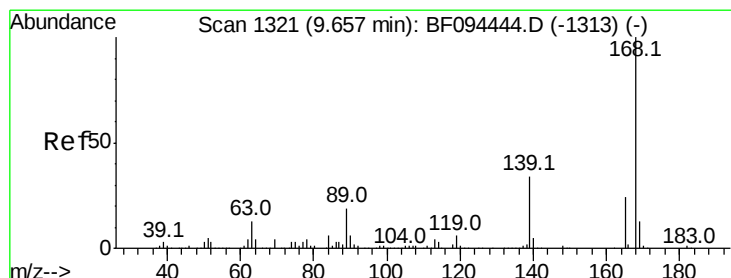
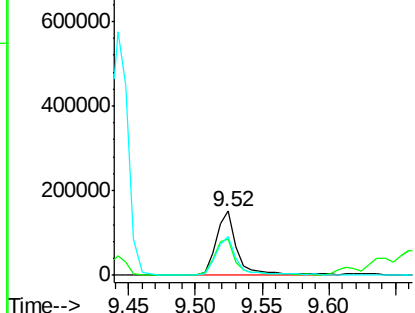
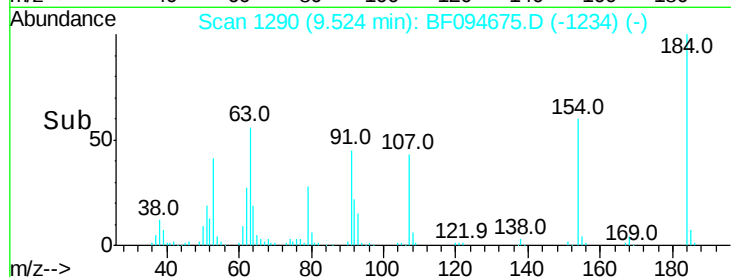
#53
 2,4-Dinitrophenol
 Concen: 87.26 ng
 RT: 9.52 min Scan# 1290
 Delta R.T. 0.03 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 172689
 Ion Ratio Lower Upper
 184 100
 63 56.6 62.7 94.1#
 154 60.2 81.1 121.7#

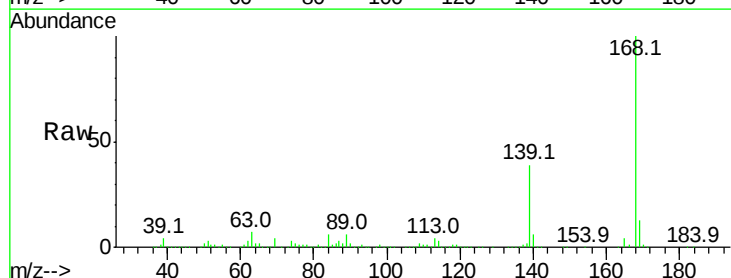


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

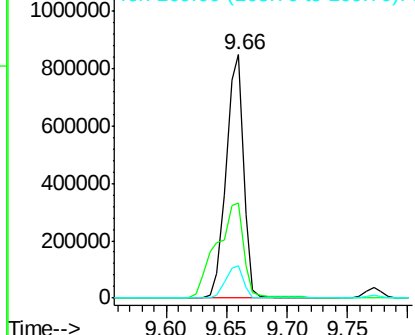
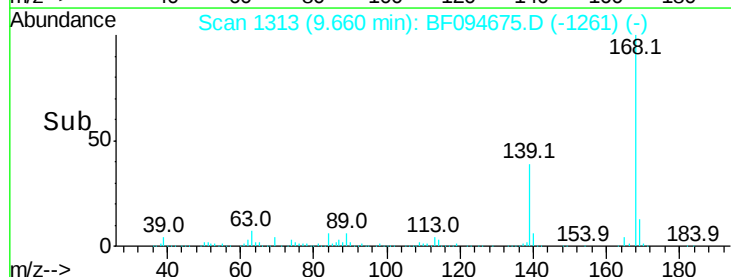


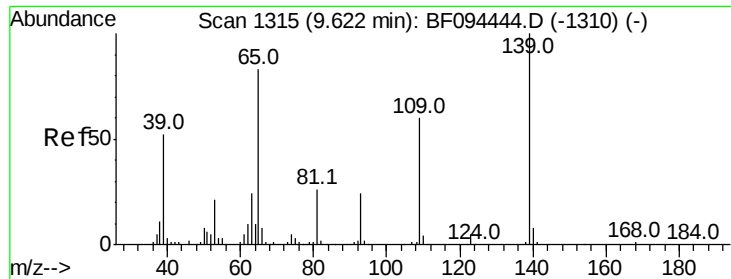
#54
 Dibenzofuran
 Concen: 44.54 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion:168 Resp: 850667
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.6 45.8
 169 13.4 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

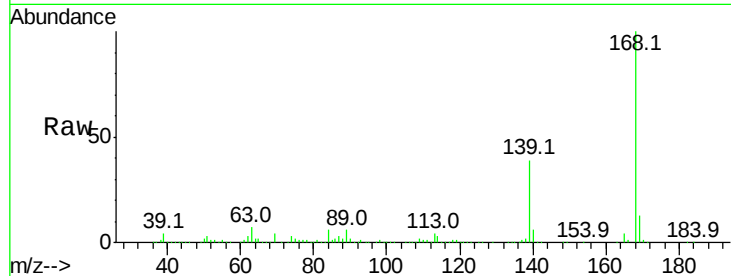




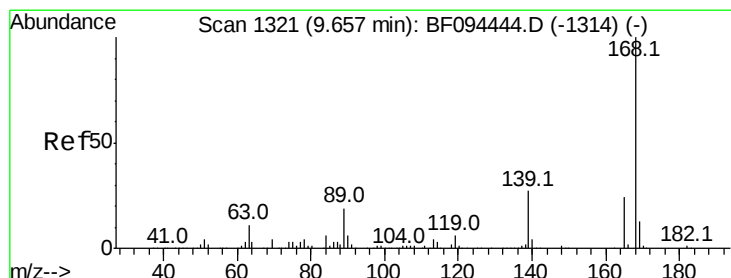
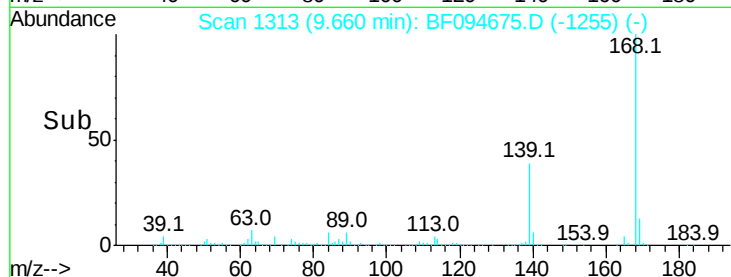
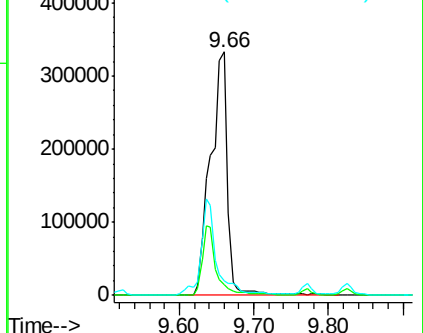
#55
4-Nitrophenol
Concen: 178.96 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.04 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 530065
Ion Ratio Lower Upper
139 100
109 4.2 34.1 74.1#
65 5.7 31.4 71.4#

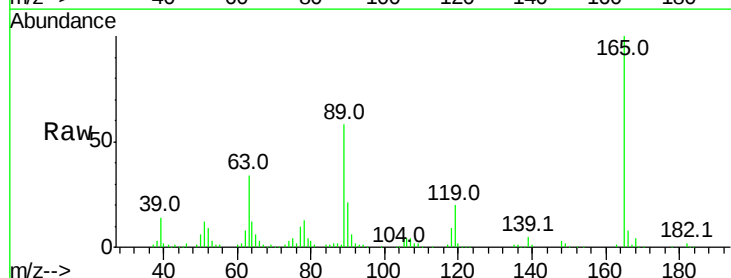


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

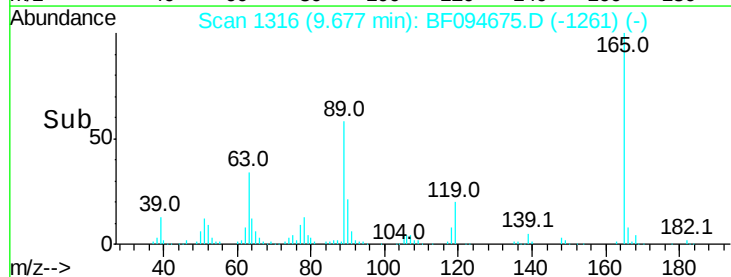
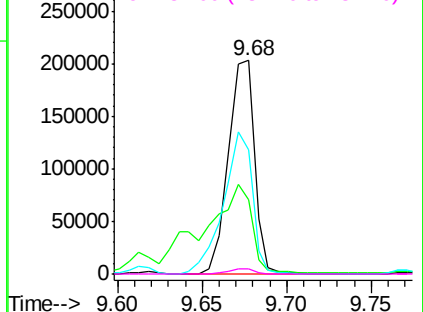


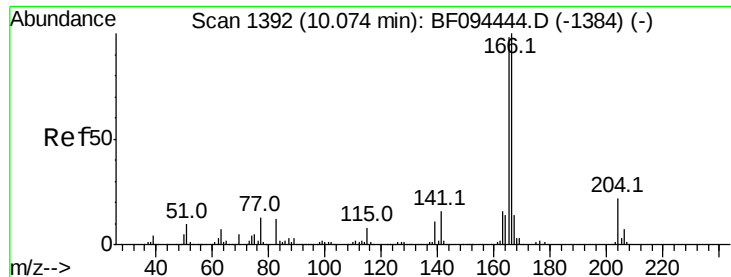
#56
2,4-Dinitrotoluene
Concen: 49.39 ng
RT: 9.68 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion:165 Resp: 219610
Ion Ratio Lower Upper
165 100
63 34.5 25.4 38.0
89 58.3 46.4 69.6
182 2.4 1.8 2.6



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





#57

Fluorene

Concen: 44.43 ng

RT: 10.08 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

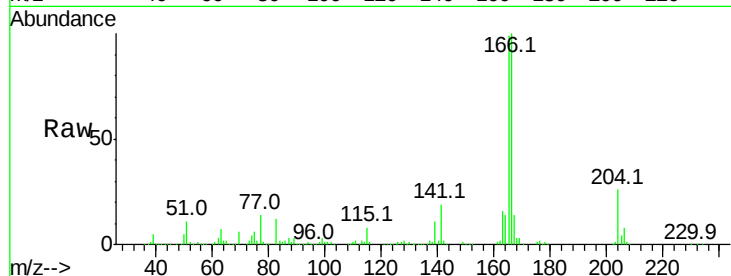
Tot Ion:166 Resp: 660775

Ion Ratio Lower Upper

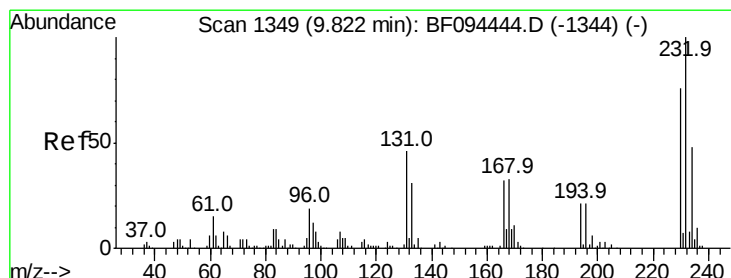
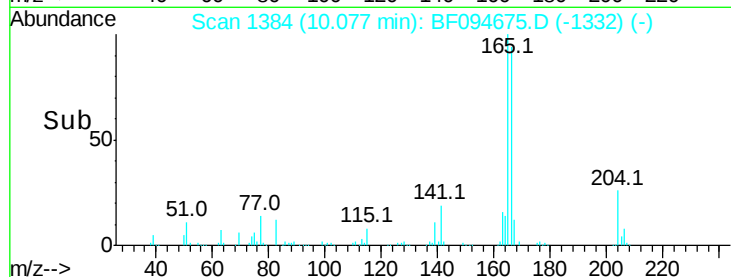
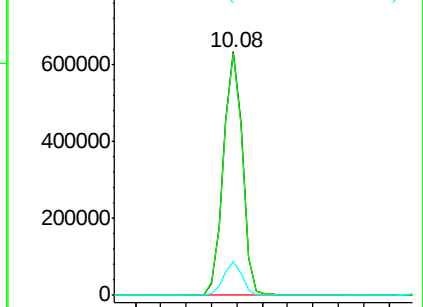
166 100

165 99.3 78.8 118.2

167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.59 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Tgt Ion:232 Resp: 148558

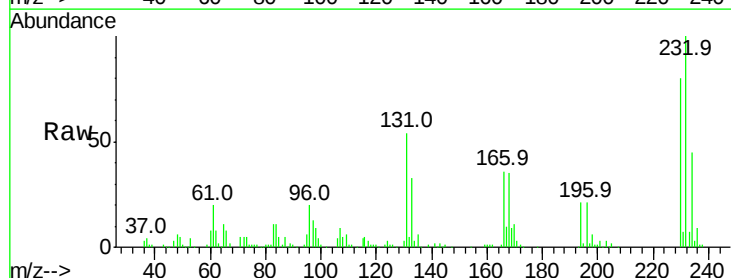
Ion Ratio Lower Upper

232 100

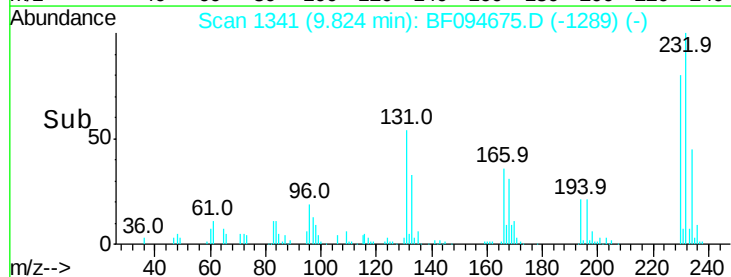
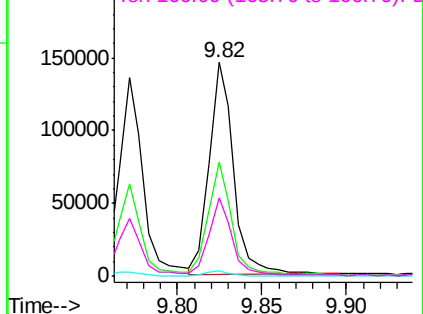
131 50.0 44.8 67.2

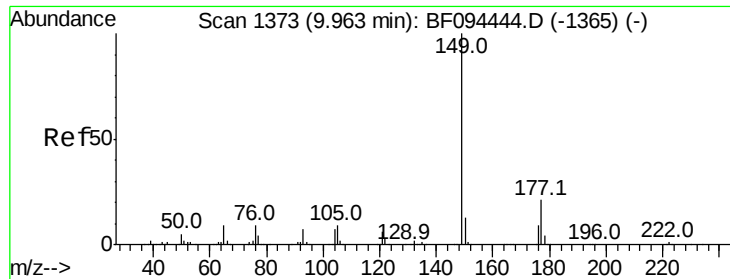
130 2.3 2.3 3.5#

166 35.6 29.0 43.4



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

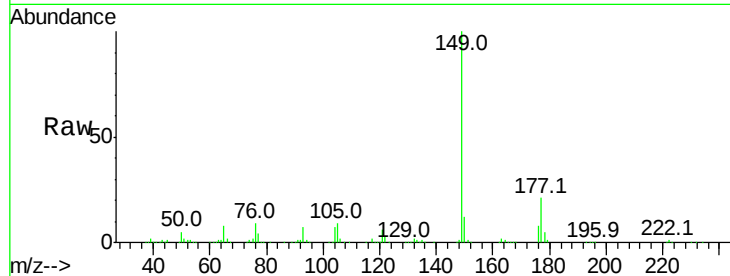




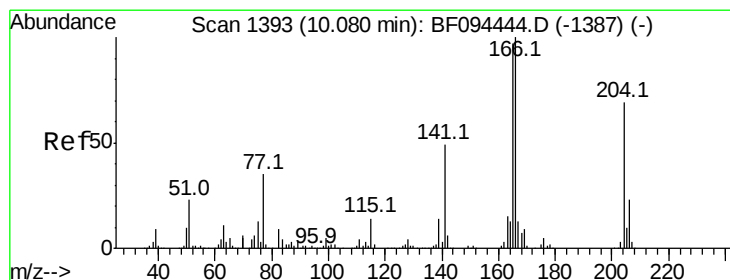
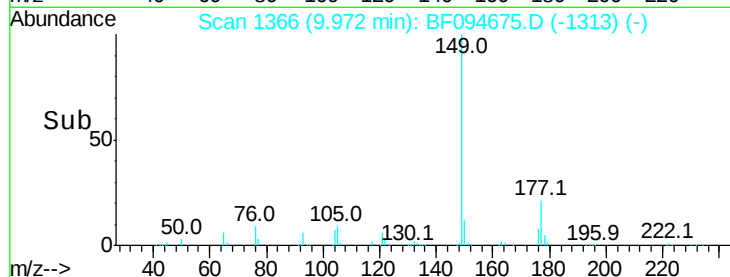
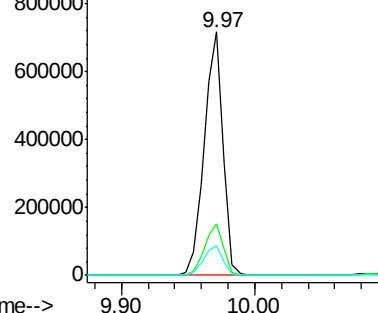
#59
Diethylphthalate
Concen: 46.63 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 710314
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.3 10.2 15.2

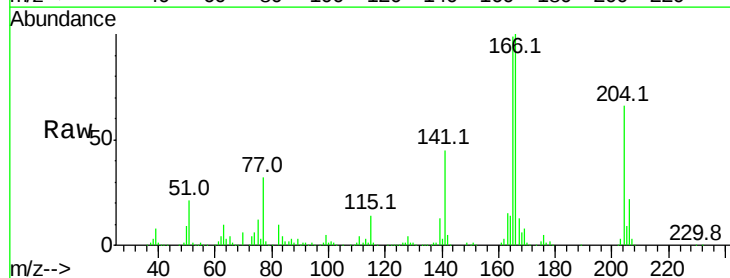


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

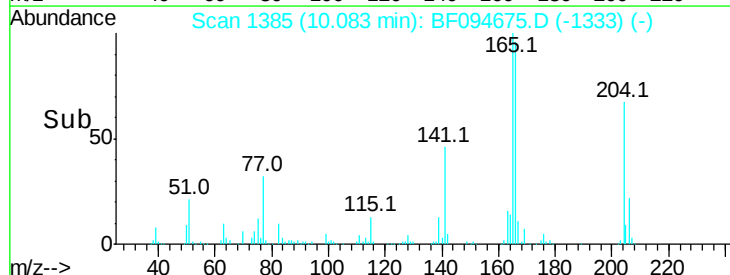
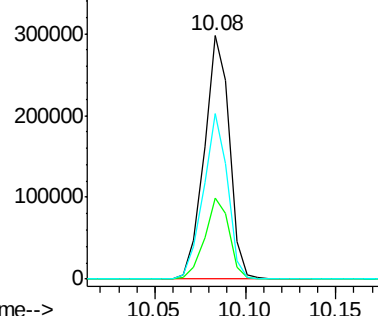


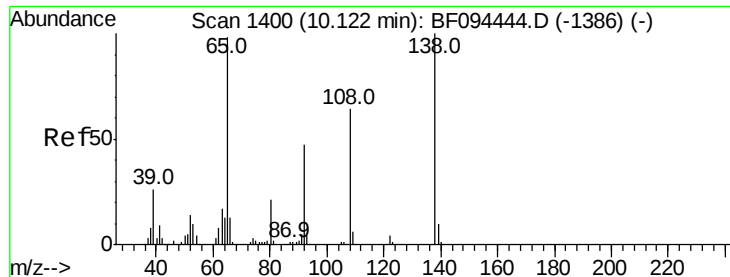
#60
4-Chlorophenyl-phenylether
Concen: 46.15 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion:204 Resp: 285612
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 68.2 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

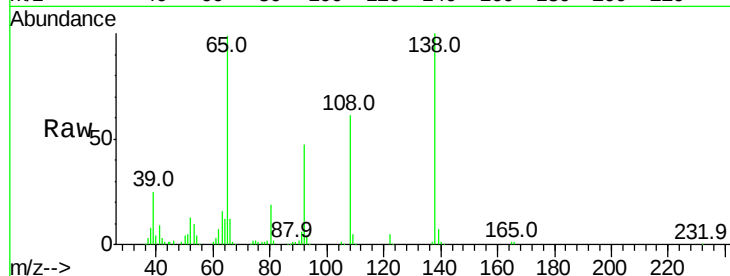




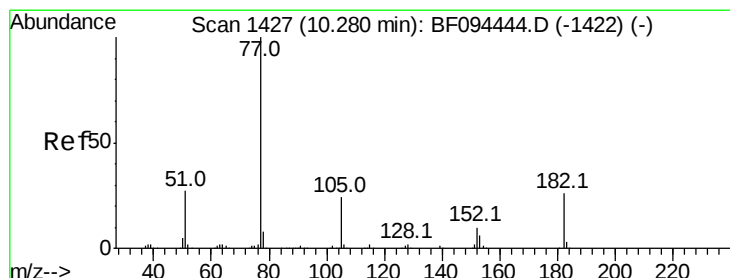
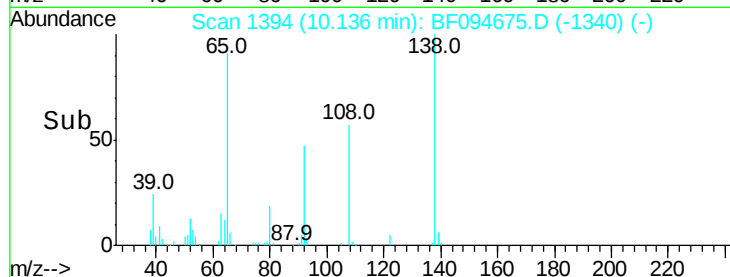
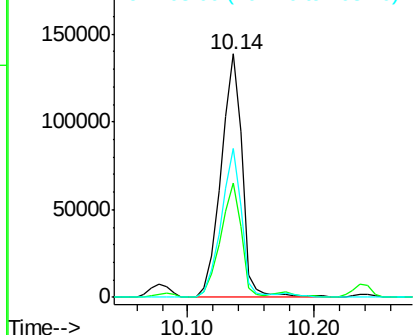
#61
4-Nitroaniline
Concen: 37.68 ng
RT: 10.14 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 160596
Ion Ratio Lower Upper
138 100
92 46.9 21.8 61.8
108 60.9 42.3 82.3

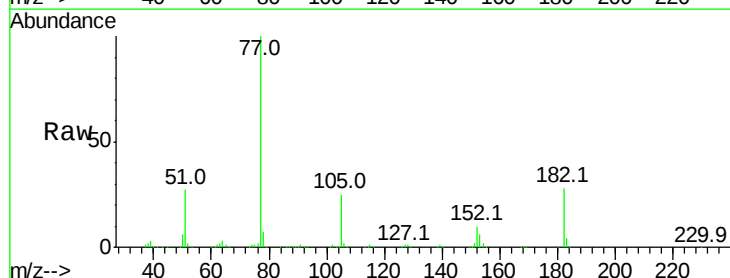


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

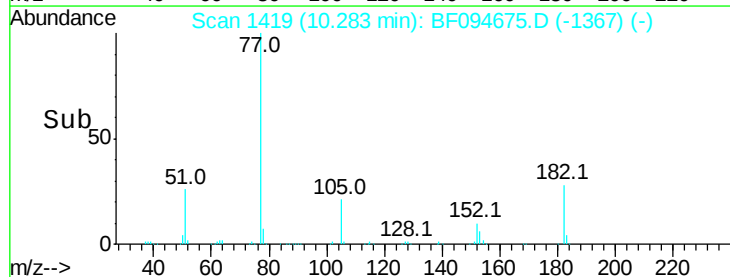
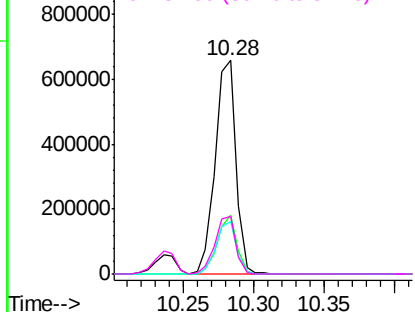


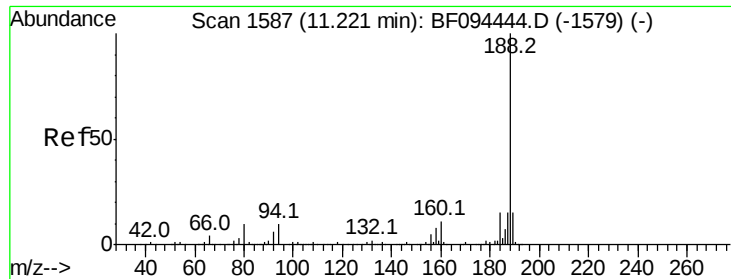
#62
Azobenzene
Concen: 45.36 ng
RT: 10.28 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion: 77 Resp: 670888
Ion Ratio Lower Upper
77 100
182 27.8 0.1 40.1
105 24.7 3.6 43.6
51 26.8 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

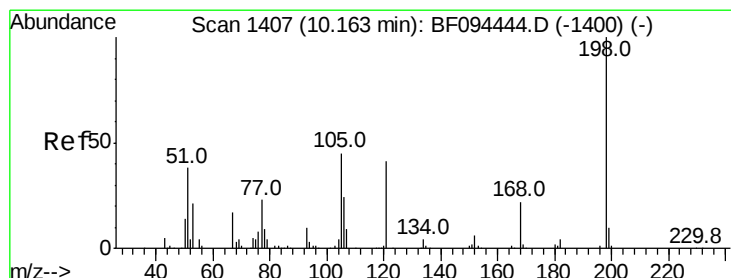
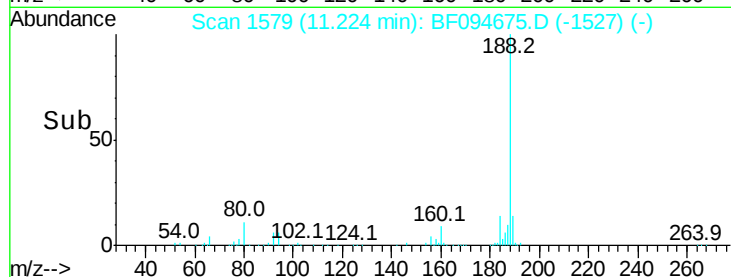
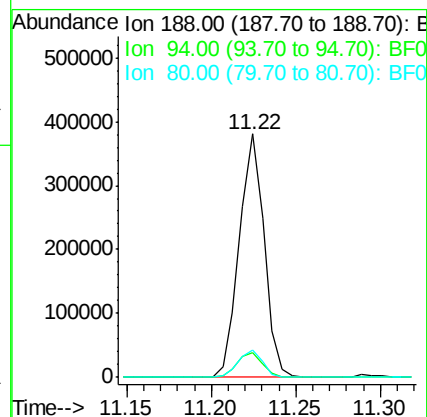
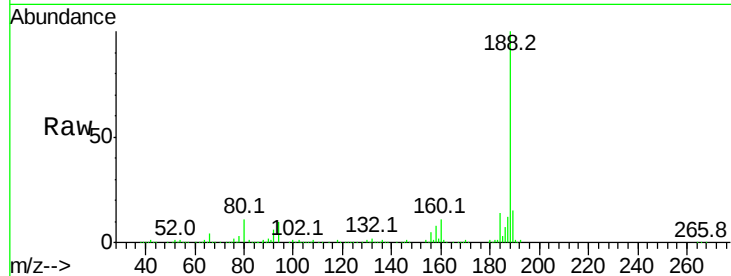




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

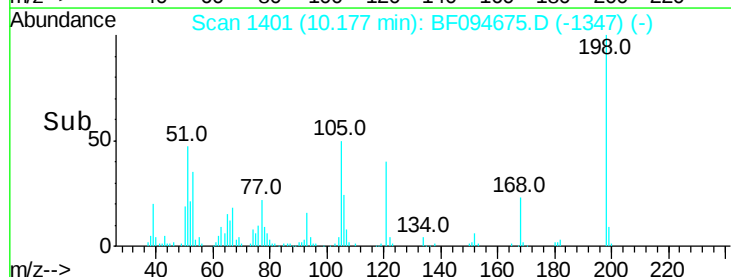
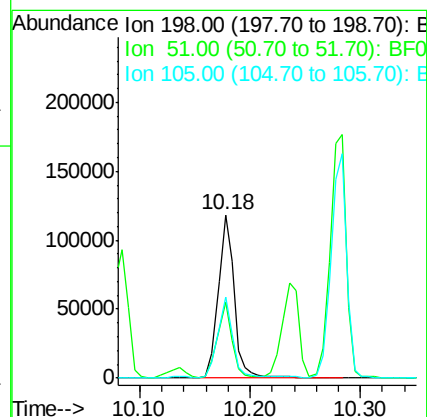
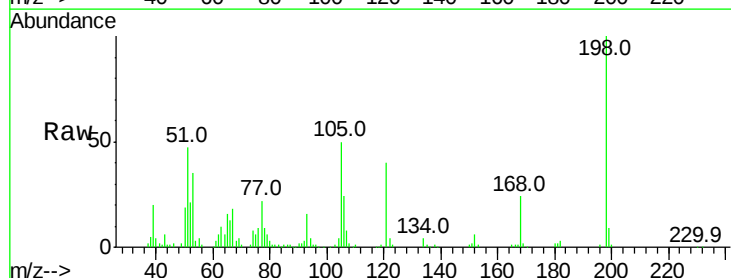
Instrument :
BNA_F
ClientSampled :

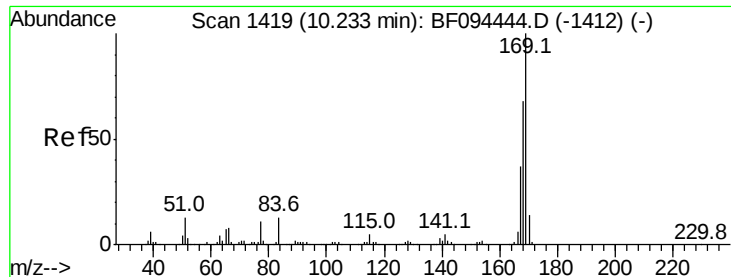
Tot Ion:188 Resp: 390321
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 46.19 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion:198 Resp: 118133
Ion Ratio Lower Upper
198 100
51 46.7 53.2 93.2#
105 49.7 45.8 85.8

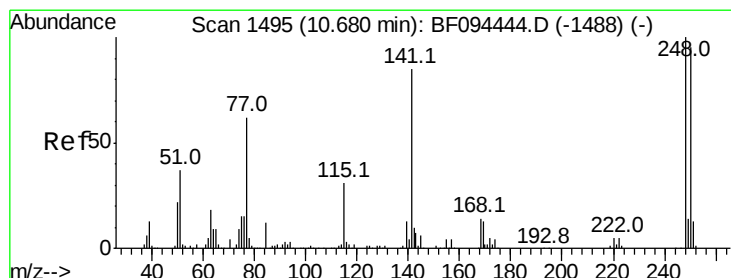
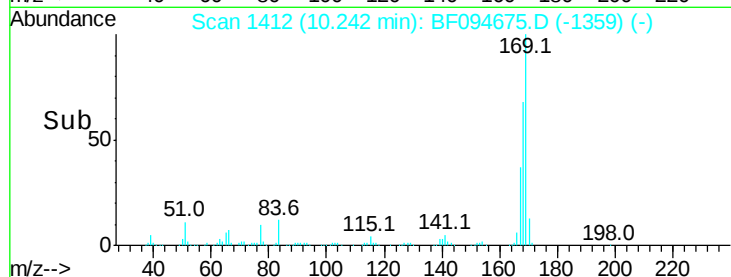
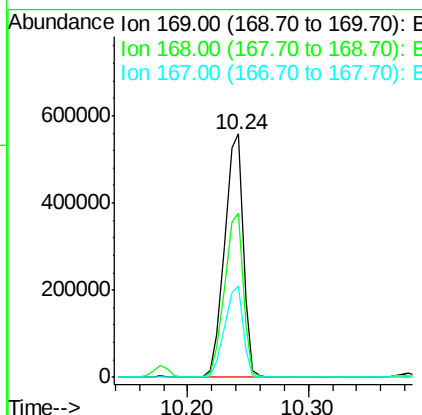
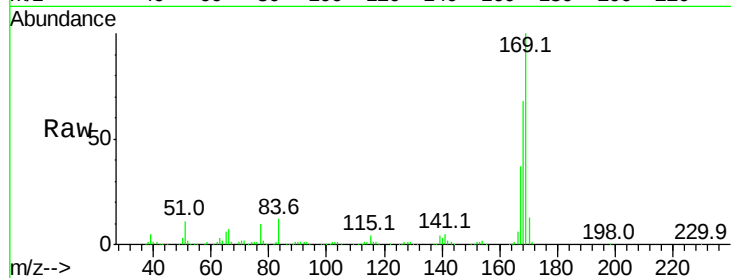




#65
 n-Nitrosodiphenylamine
 Concen: 44.22 ng
 RT: 10.24 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

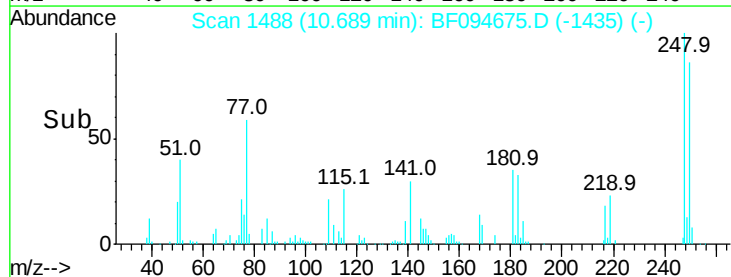
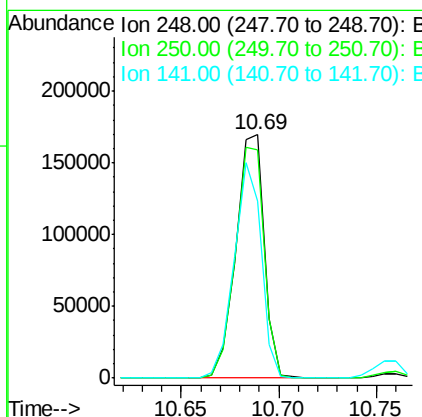
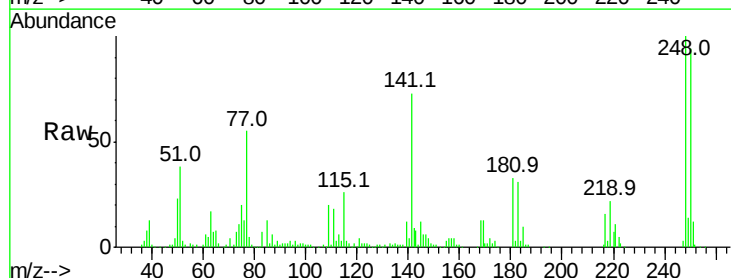
Instrument :
 BNA_F
 ClientSampleId :

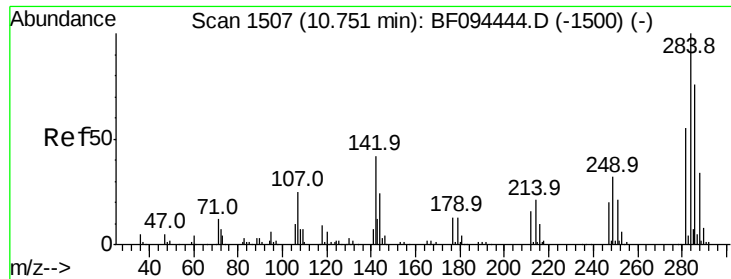
Tot Ion:169 Resp: 600226
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.2 79.8
 167 37.5 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 44.12 ng
 RT: 10.69 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion:248 Resp: 170984
 Ion Ratio Lower Upper
 248 100
 250 93.7 76.8 115.2
 141 72.7 68.6 103.0

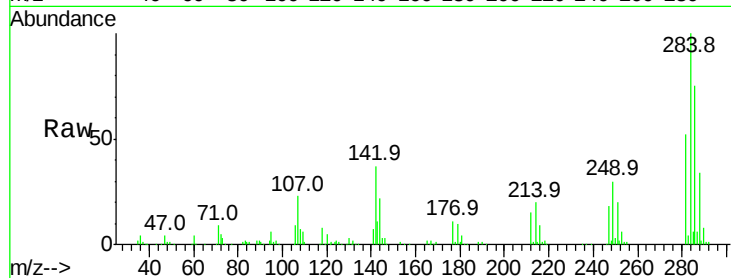




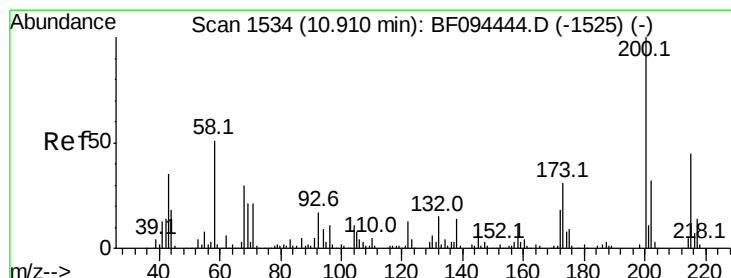
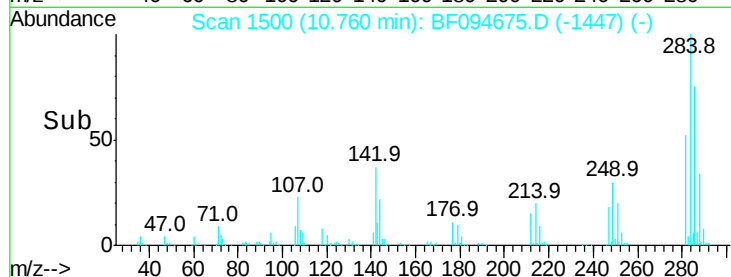
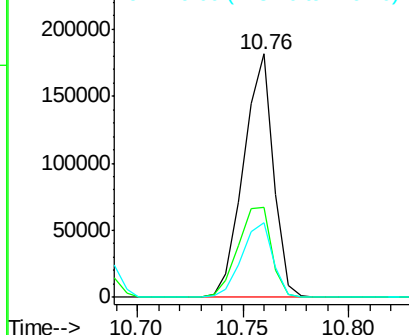
#67
Hexachlorobenzene
Concen: 45.55 ng
RT: 10.76 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 177901
Ion Ratio Lower Upper
284 100
142 37.0 22.8 34.2#
249 30.5 24.0 36.0

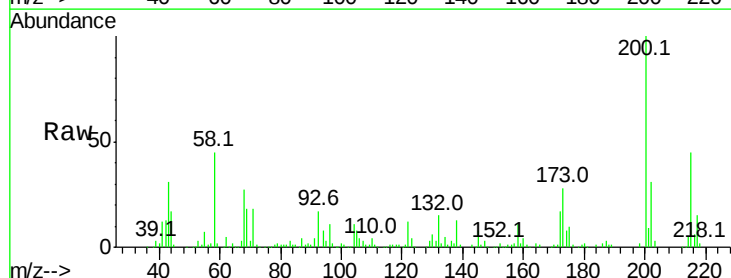


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

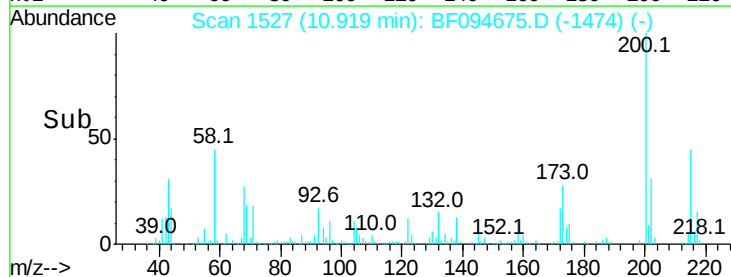
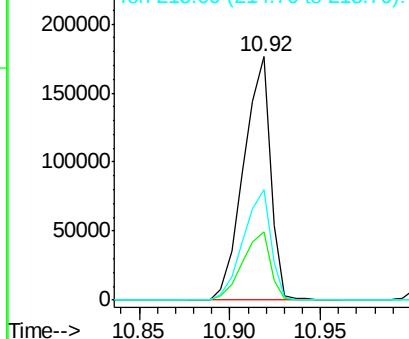


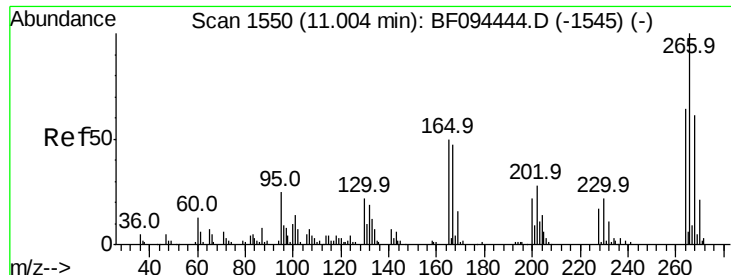
#68
Atrazine
Concen: 44.92 ng
RT: 10.92 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion:200 Resp: 182422
Ion Ratio Lower Upper
200 100
173 28.0 6.3 46.3
215 45.4 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

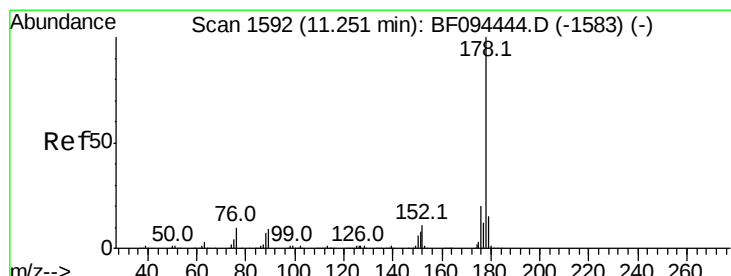
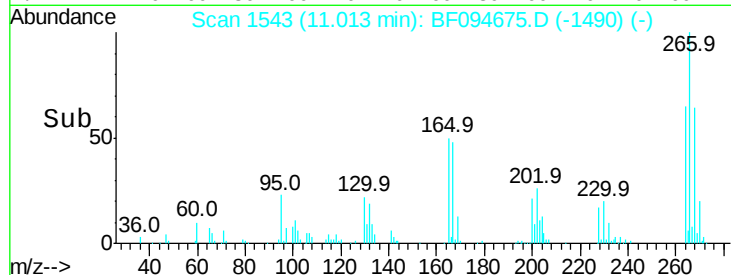
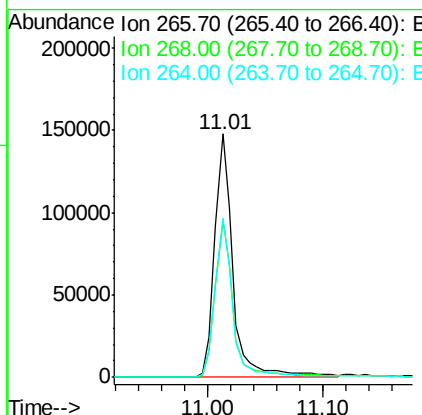
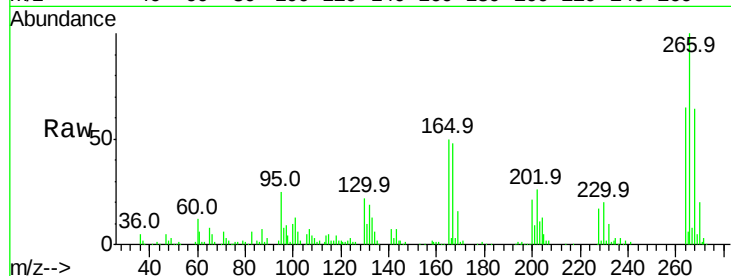




#69
 Pentachlorophenol
 Concen: 104.81 ng
 RT: 11.01 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

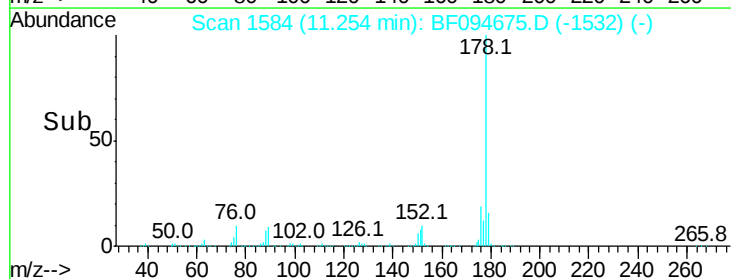
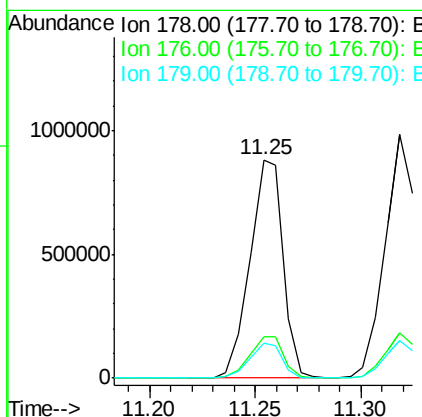
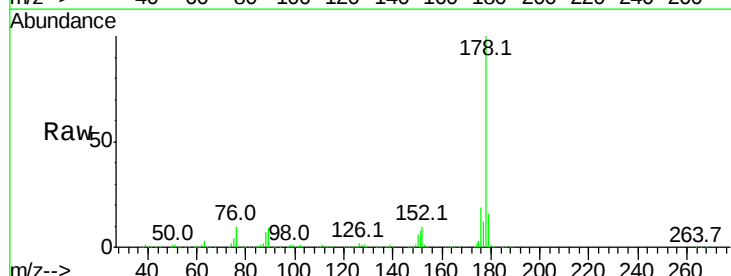
Instrument :
 BNA_F
 ClientSampleId :

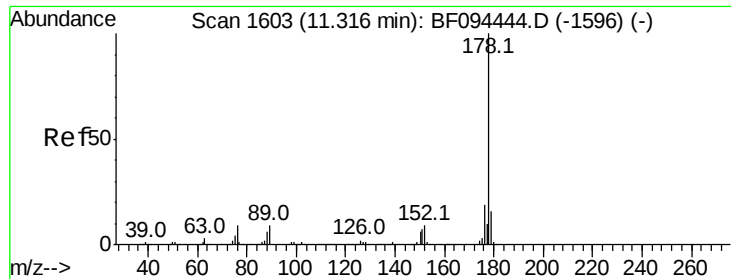
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	65.2	51.7	77.5



#70
 Phenanthrene
 Concen: 43.89 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.8	12.6	19.0

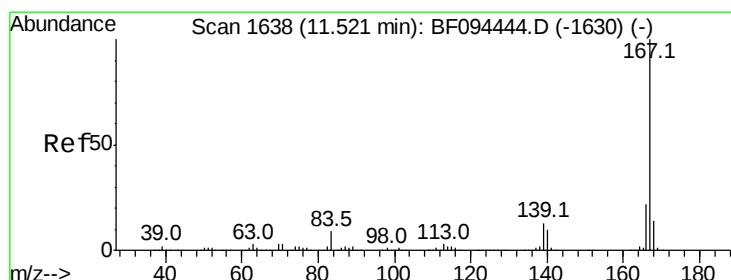
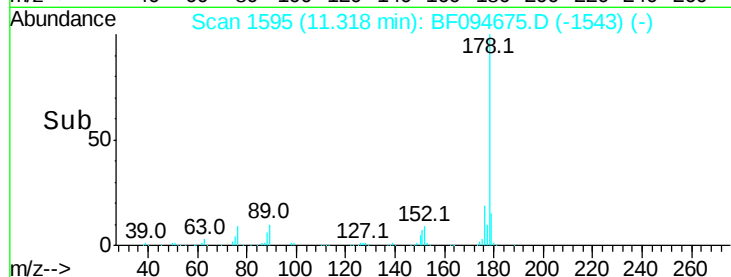
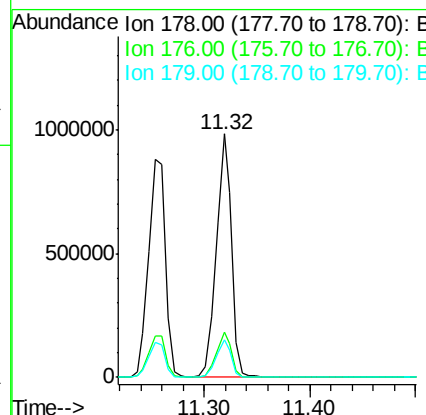
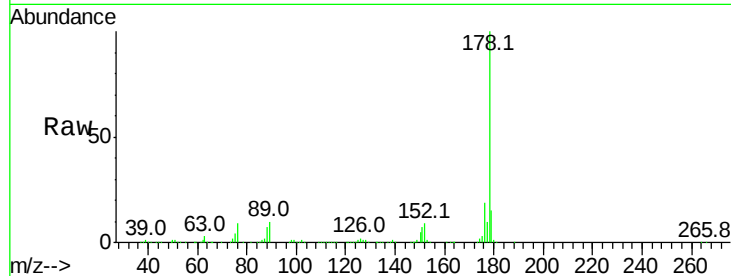




#71
 Anthracene
 Concen: 43.89 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

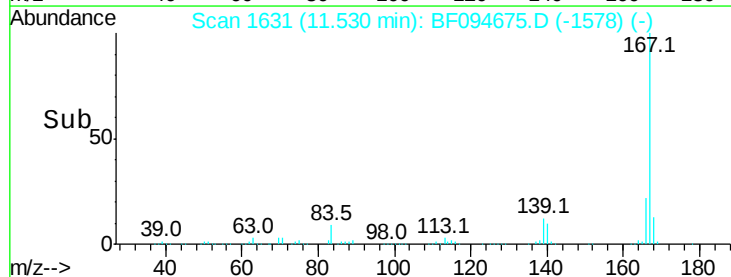
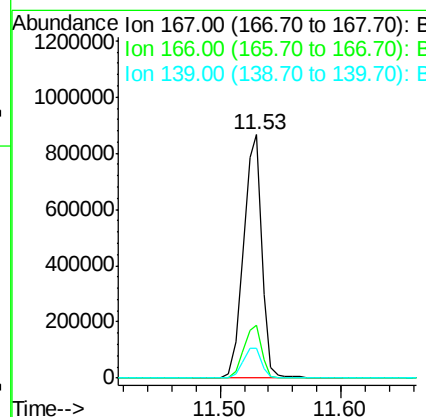
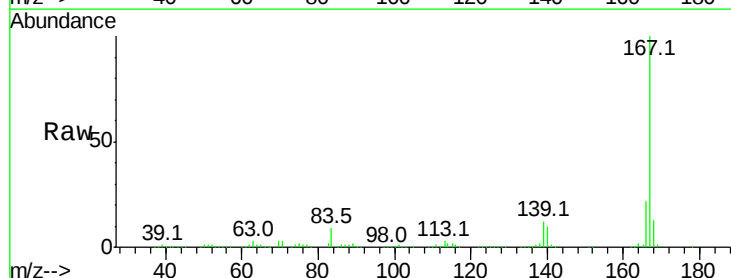
Instrument :
 BNA_F
 ClientSampled :

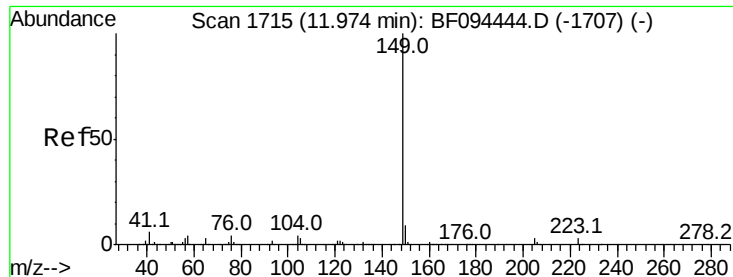
Tot Ion:178 Resp: 997810
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 43.02 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion:167 Resp: 917975
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.4 11.7 17.5

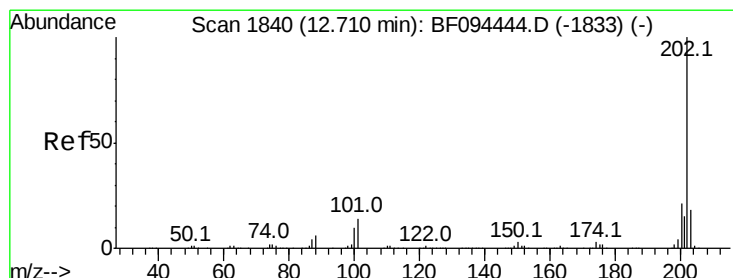
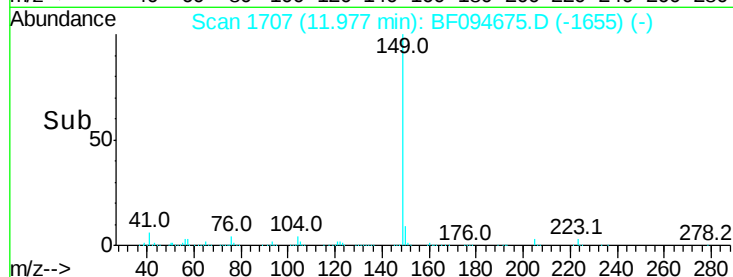
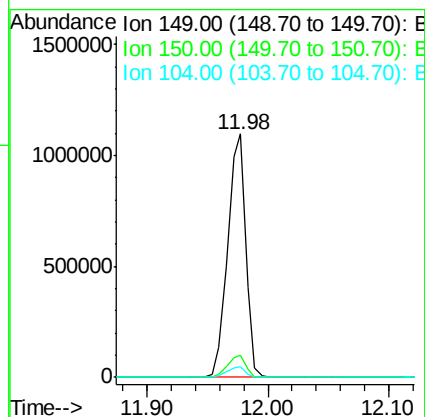
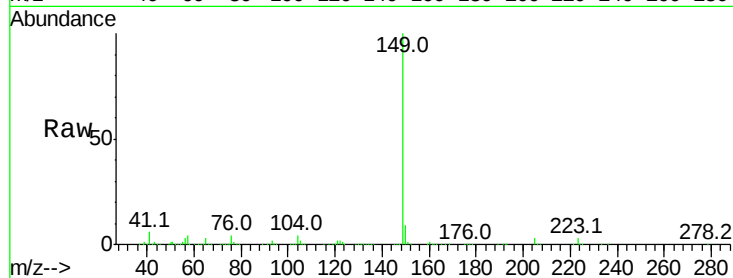




#73
Di-n-butylphthalate
Concen: 48.41 ng
RT: 11.98 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

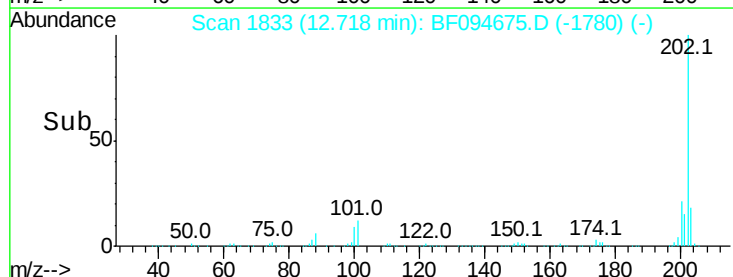
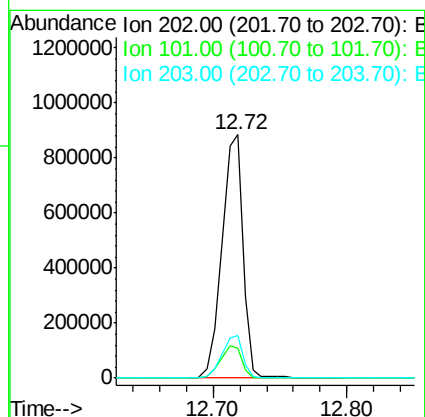
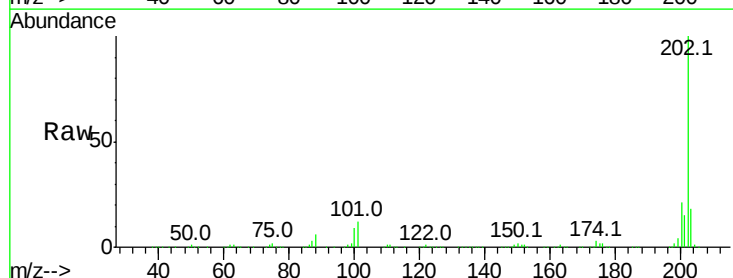
Instrument :
BNA_F
ClientSampled :

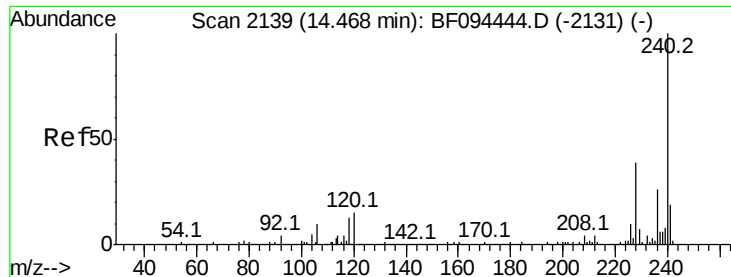
Tot Ion:149 Resp: 1137357
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 43.66 ng
RT: 12.72 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion:202 Resp: 994622
Ion Ratio Lower Upper
202 100
101 12.2 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.48 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

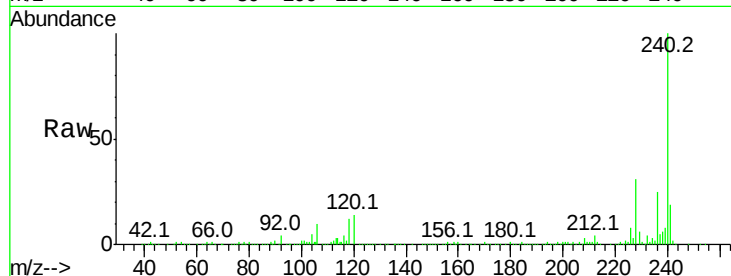
Tot Ion:240 Resp: 296964

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

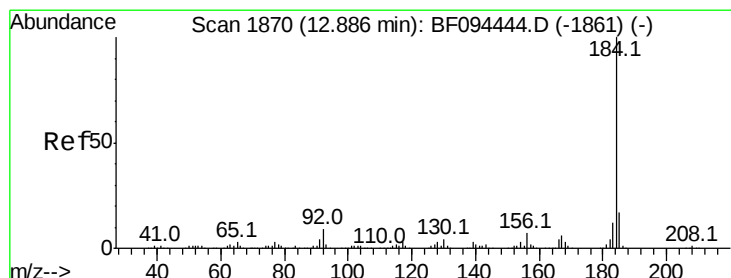
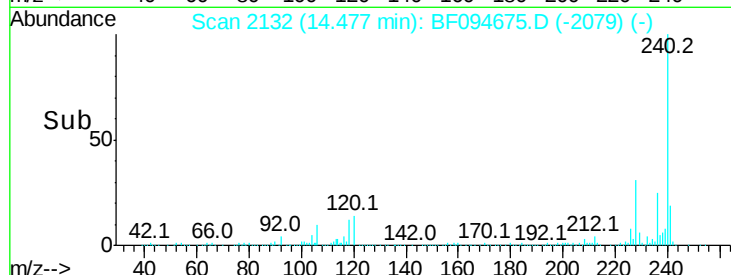
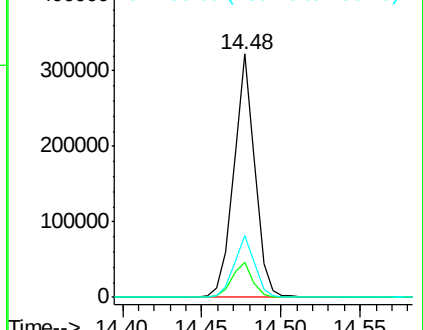
236 25.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.99 ng

RT: 12.89 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

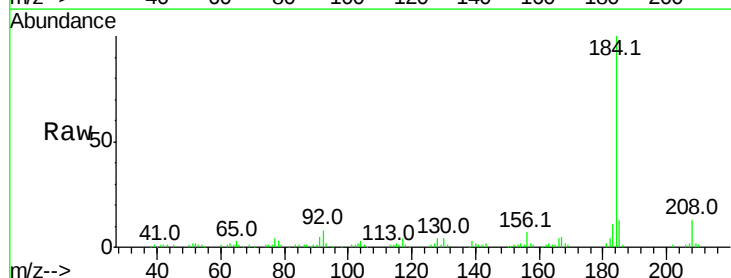
Tgt Ion:184 Resp: 96024

Ion Ratio Lower Upper

184 100

185 13.3 15.5 23.3#

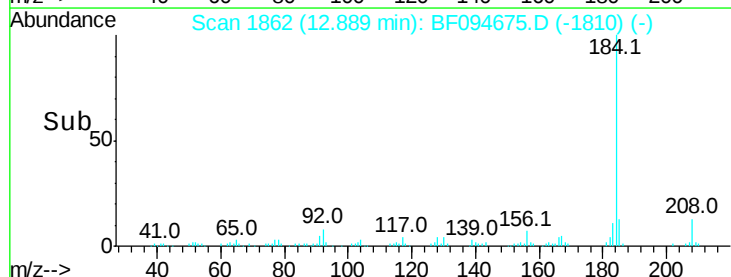
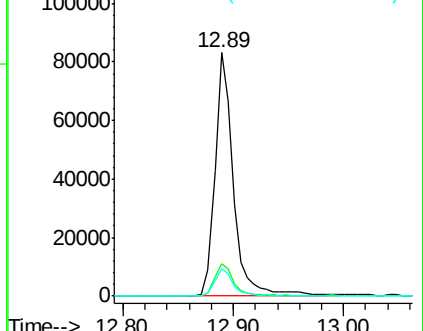
183 11.4 9.8 14.6

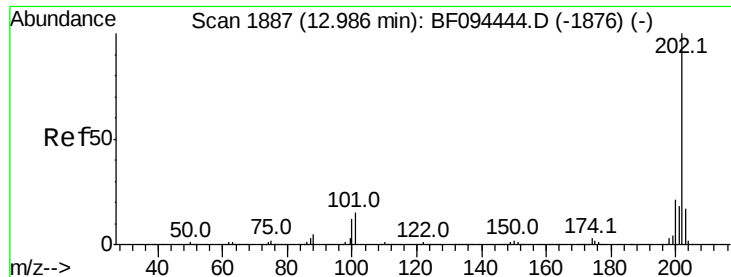


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

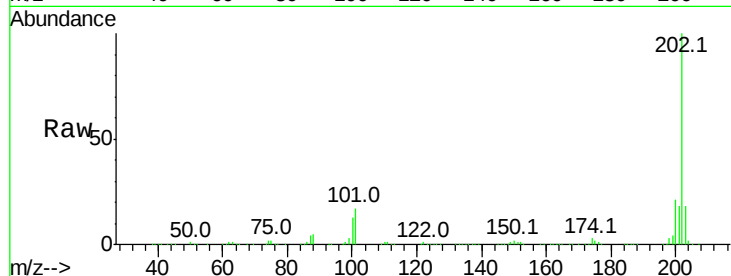




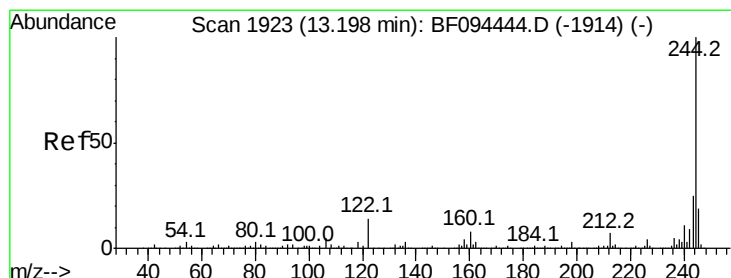
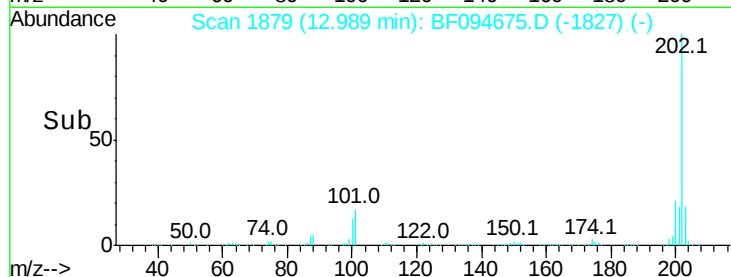
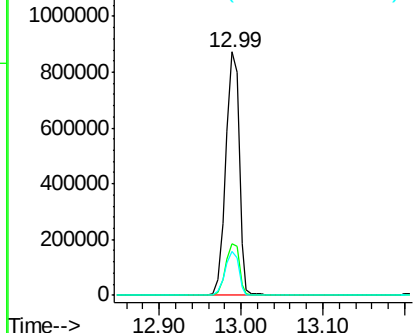
#77
Pvrene
Concen: 48.19 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 999756
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 18.0 14.4 21.6

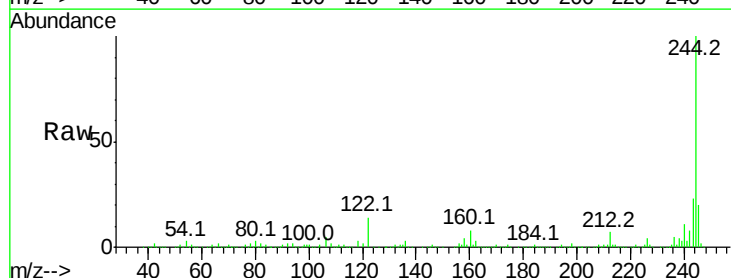


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

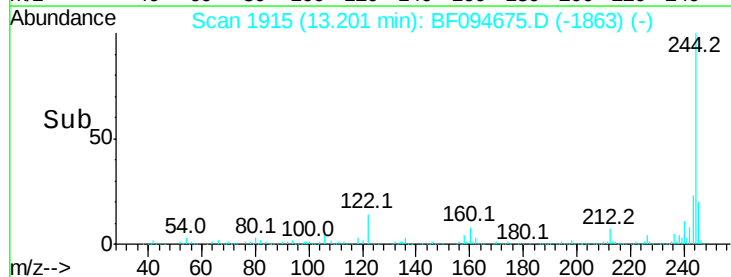
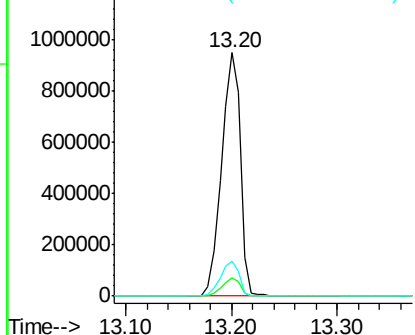


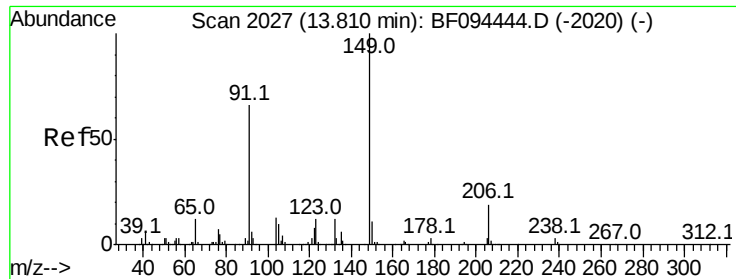
#78
Terphenyl-d14
Concen: 106.18 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion:244 Resp: 1179663
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 14.3 10.3 15.5



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

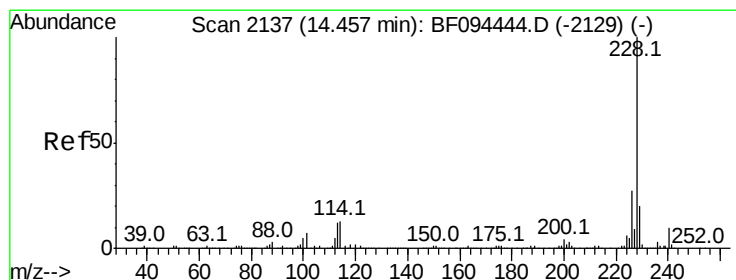
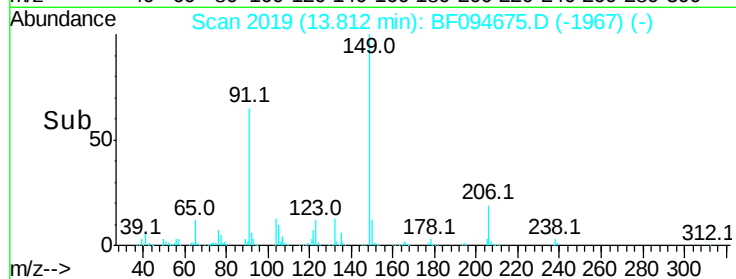
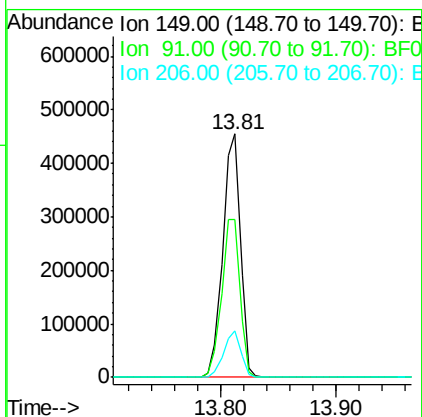
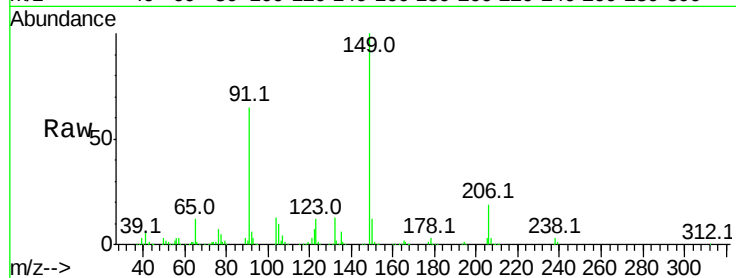




#79
Butylbenzylphthalate
Concen: 53.29 ng
RT: 13.81 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

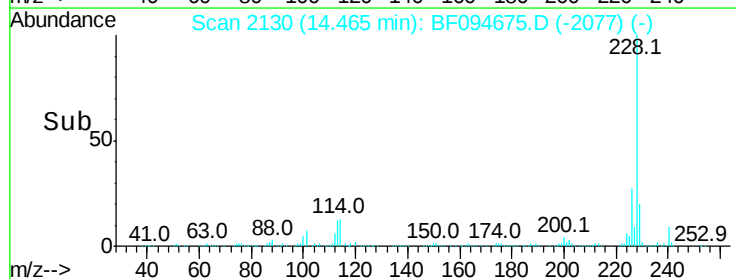
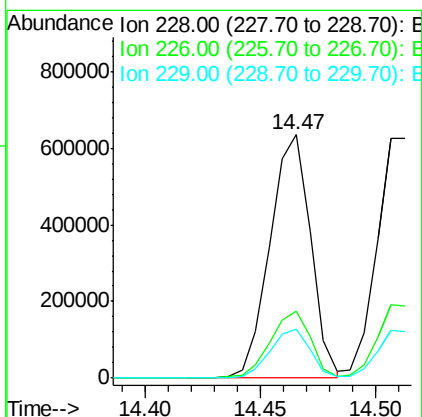
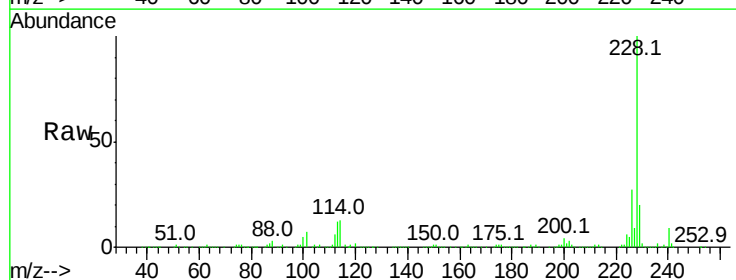
Instrument :
BNA_F
ClientSampleId :

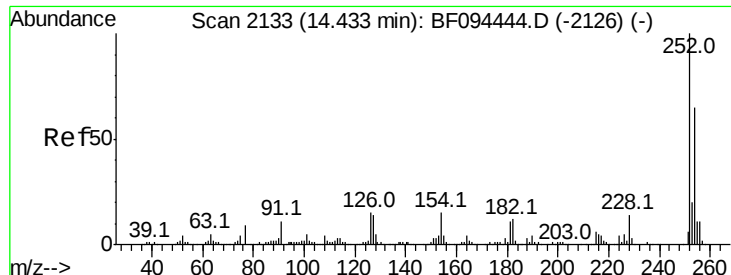
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.9	45.0	67.4
206	19.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 44.90 ng
RT: 14.47 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.0	16.3	24.5

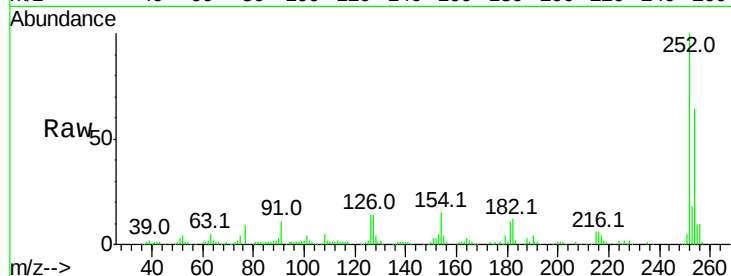




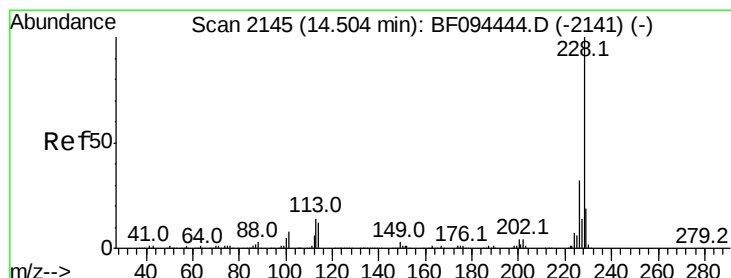
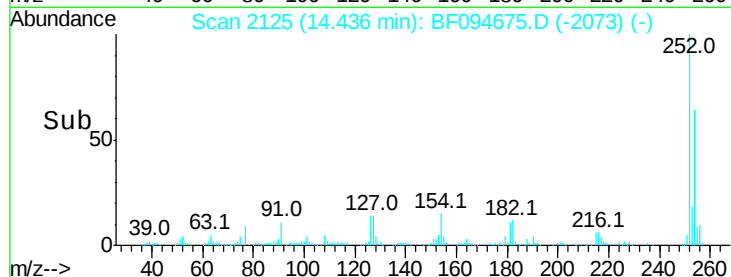
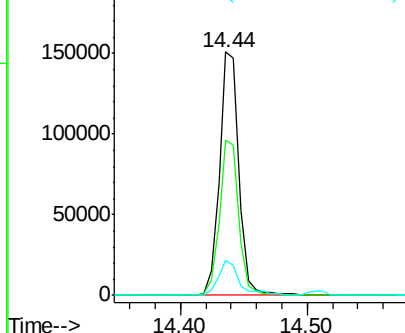
#81
 3,3'-Dichlorobenzidine
 Concen: 26.57 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	14.4	15.8	23.8#

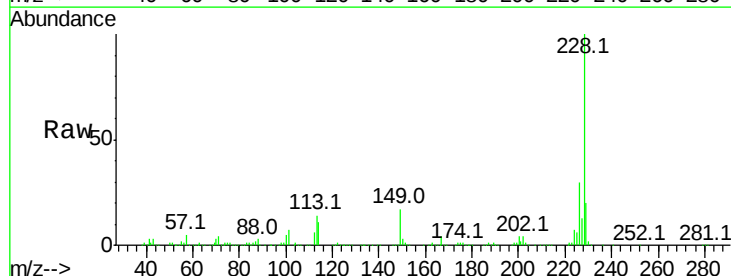


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

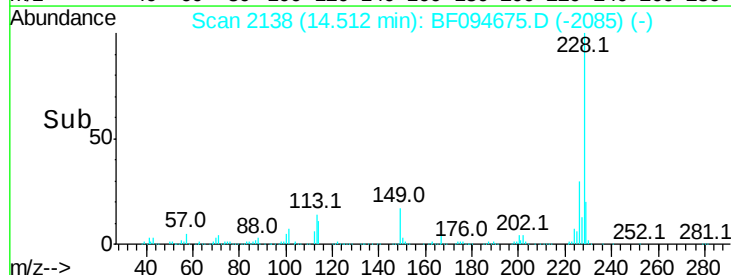
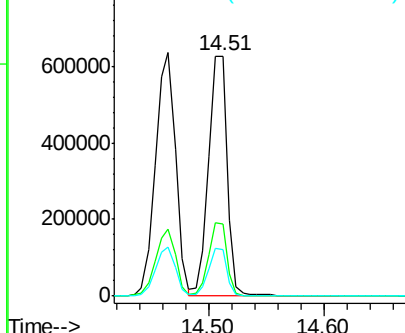


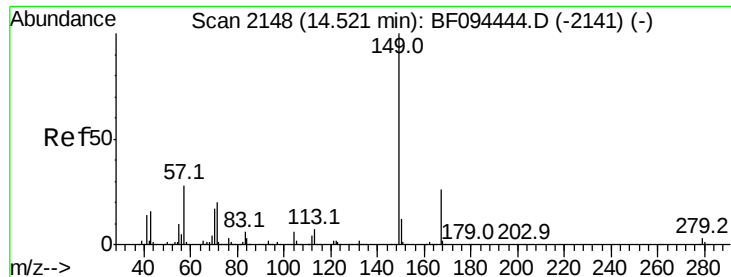
#82
 Chrysene
 Concen: 44.94 ng
 RT: 14.51 min Scan# 2138
 Delta R.T. 0.01 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.6	15.8	23.6



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

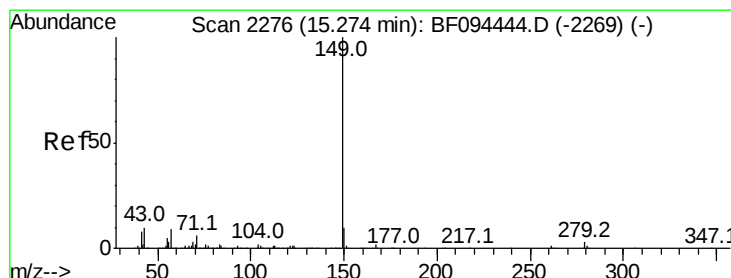
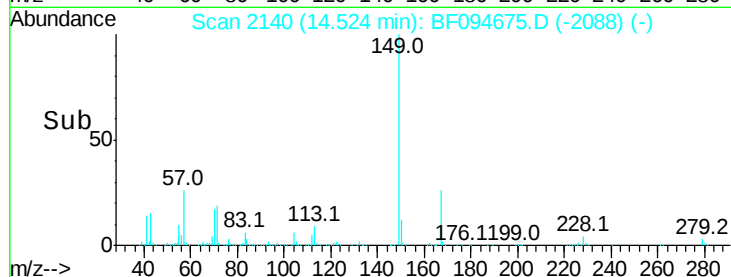
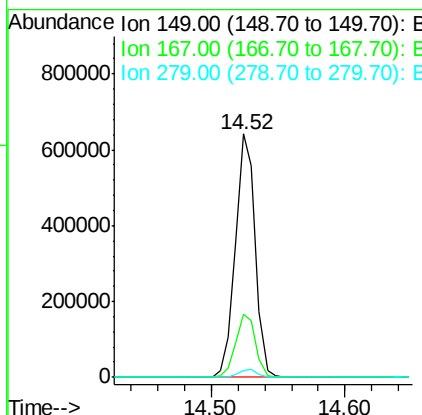
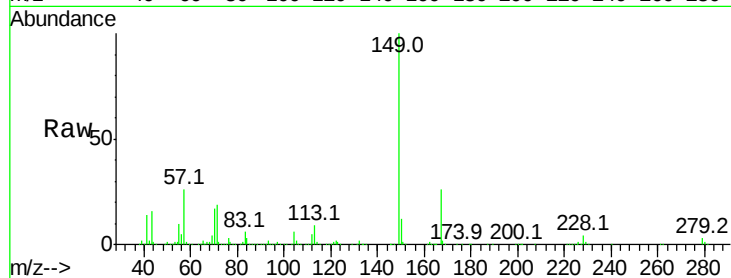




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.75 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

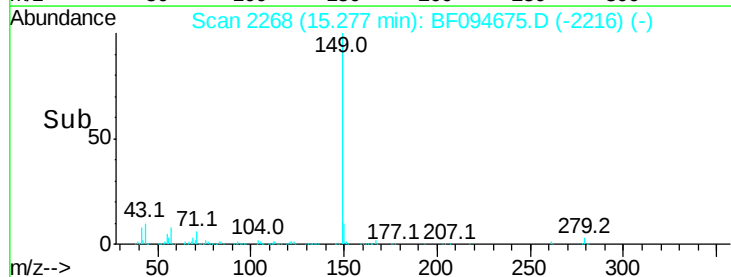
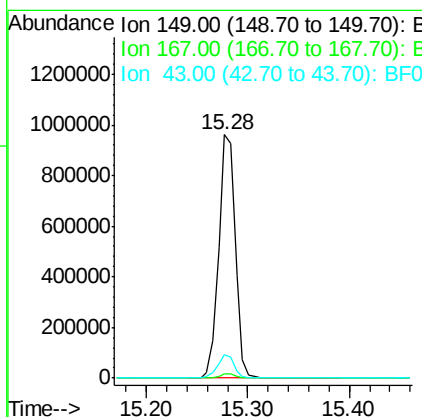
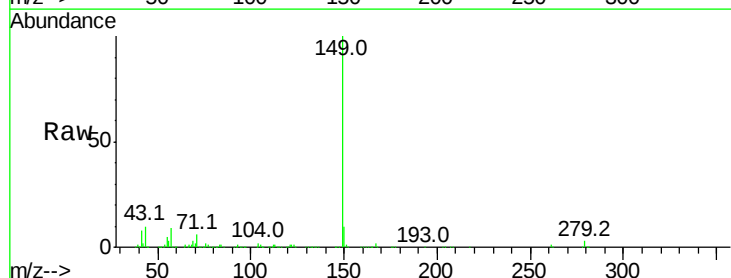
Instrument :
 BNA_F
 ClientSampleId :

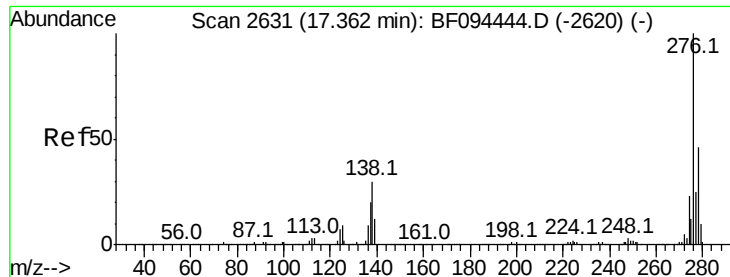
Tot Ion:149 Resp: 668417
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 2.8 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 53.42 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion:149 Resp: 1093971
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.2 8.5 12.7

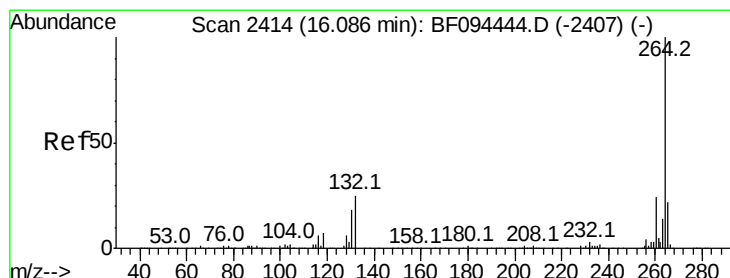
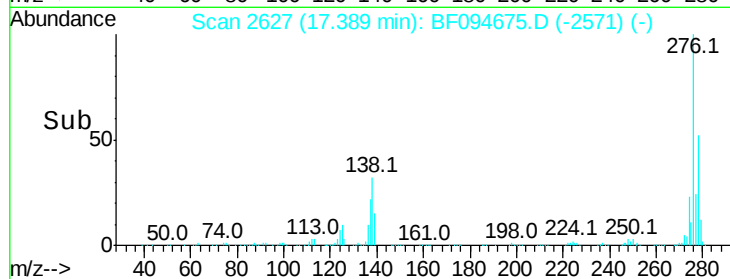
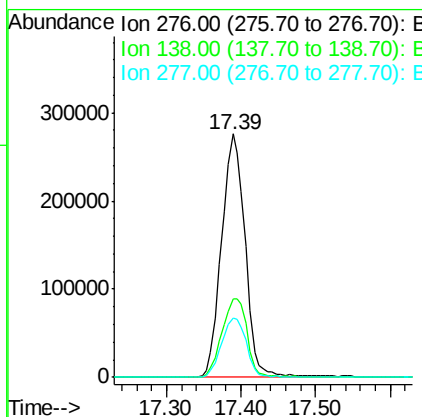
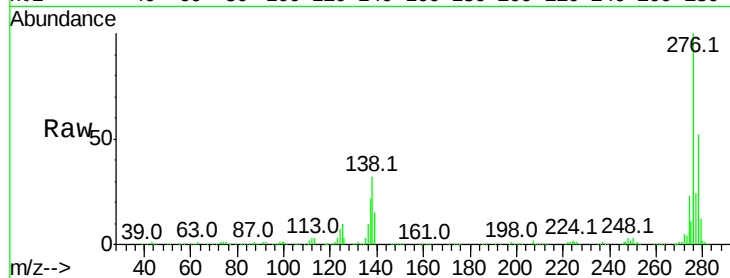




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.57 ng
 RT: 17.39 min Scan# 2627
 Delta R.T. 0.03 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

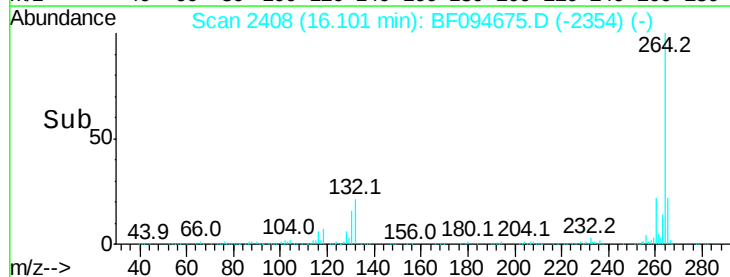
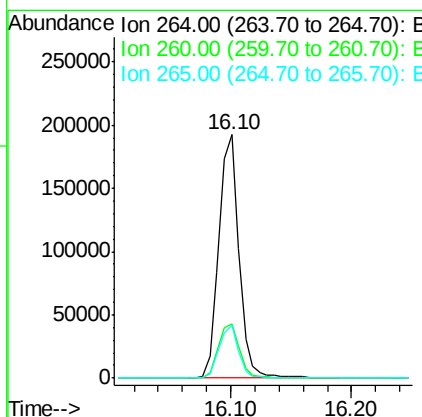
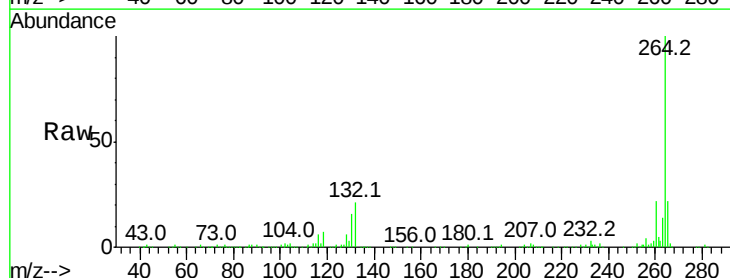
Instrument :
 BNA_F
 ClientSampleId :

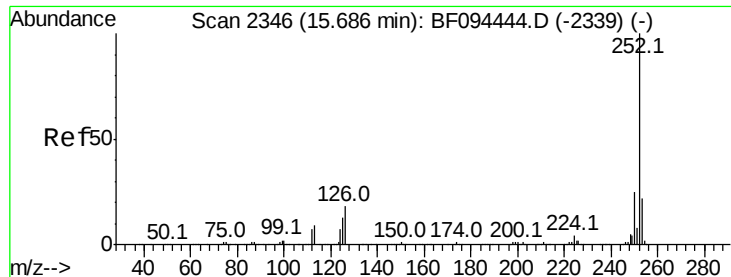
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.9	17.2	25.8

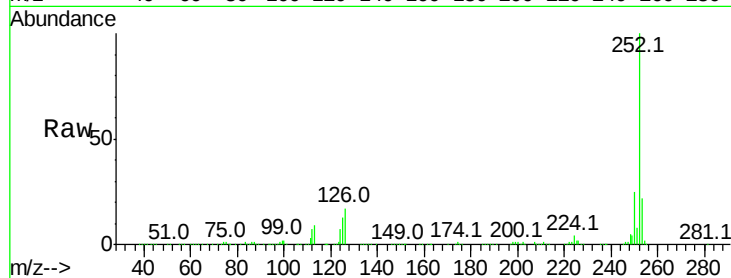




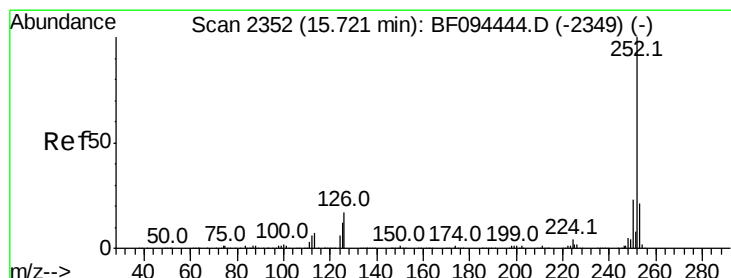
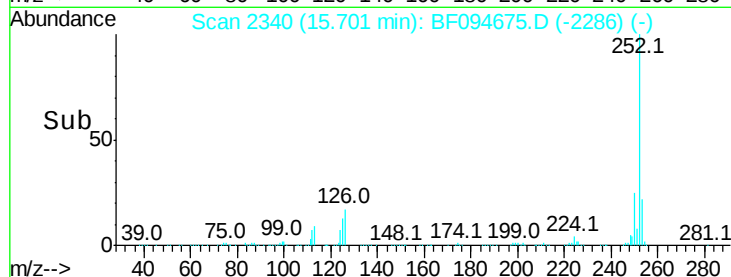
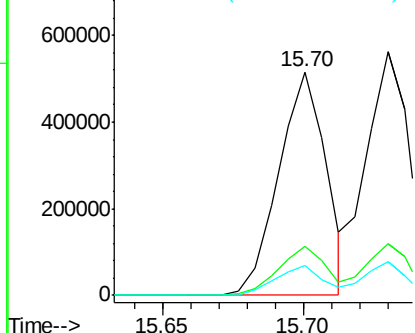
#87
Benzo(b)fluoranthene
Concen: 44.21 ng
RT: 15.70 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 599370
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 13.3 9.8 14.8

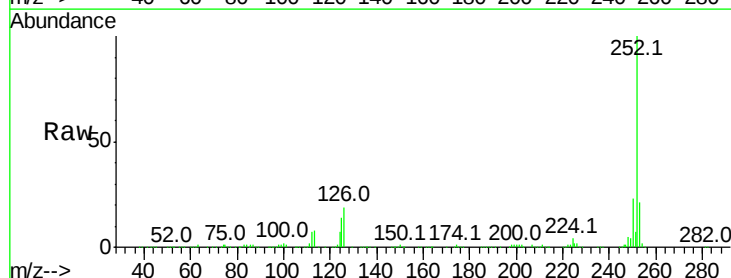


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

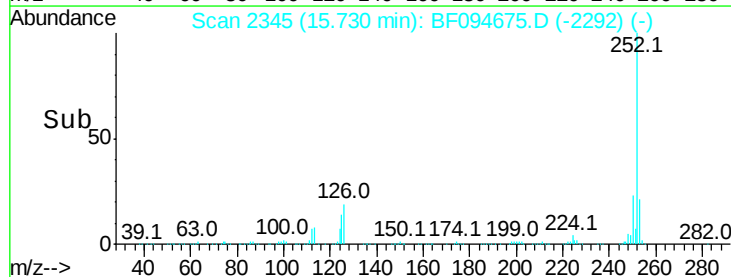
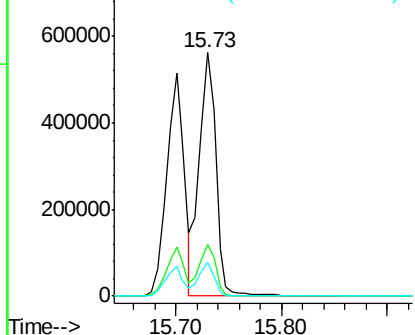


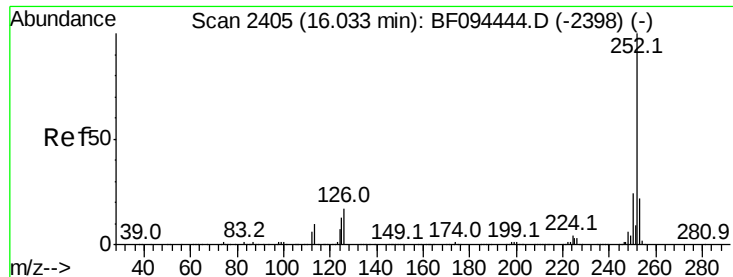
#88
Benzo(k)fluoranthene
Concen: 47.52 ng
RT: 15.73 min Scan# 2345
Delta R.T. 0.01 min
Lab File: BF094675.D
Acq: 27 Apr 2017 20:36

Tgt Ion:252 Resp: 609728
Ion Ratio Lower Upper
252 100
253 21.1 18.4 27.6
125 13.9 13.1 19.7



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





#89

Benzo(a)pyrene

Concen: 44.13 ng

RT: 16.05 min Scan# 2399

Delta R.T. 0.01 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

Instrument :

BNA_F

ClientSampleId :

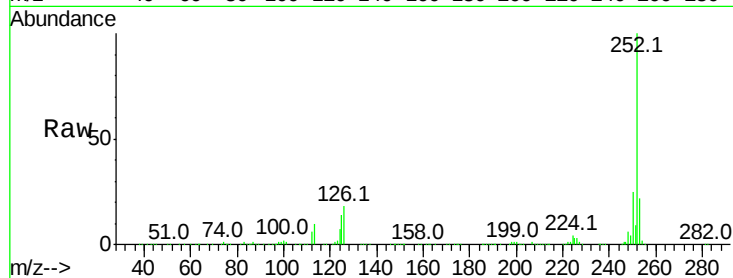
Tot Ion:252 Resp: 556563

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

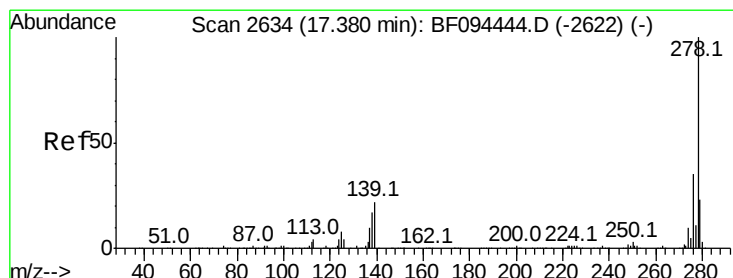
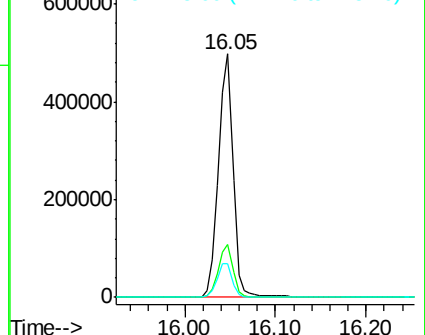
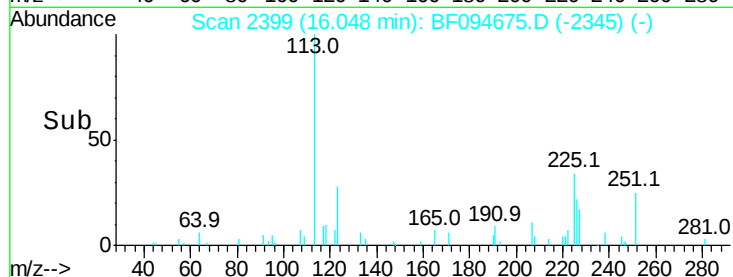
125 13.7 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.45 ng

RT: 17.40 min Scan# 2629

Delta R.T. 0.02 min

Lab File: BF094675.D

Acq: 27 Apr 2017 20:36

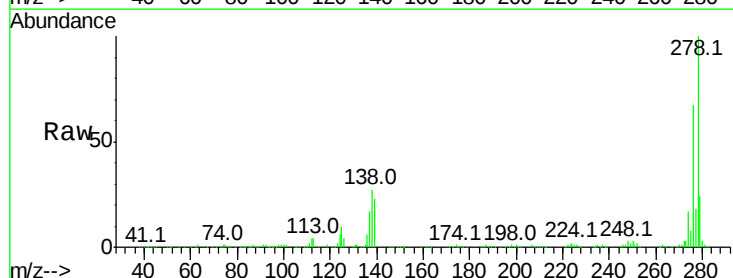
Tgt Ion:278 Resp: 507419

Ion Ratio Lower Upper

278 100

139 23.2 16.6 24.8

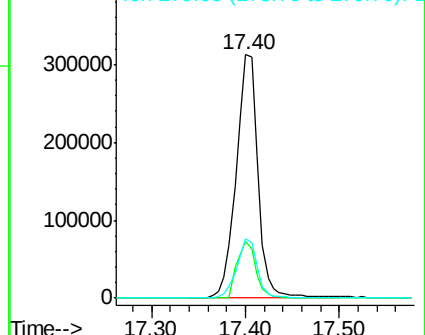
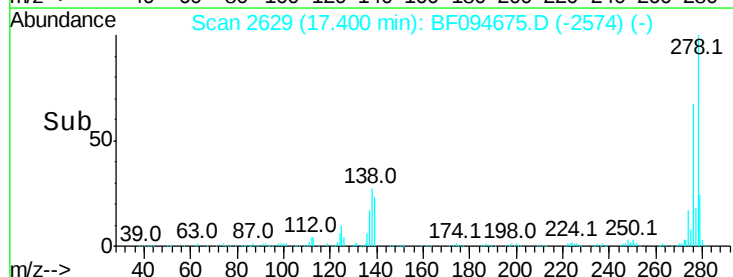
279 24.1 19.3 28.9

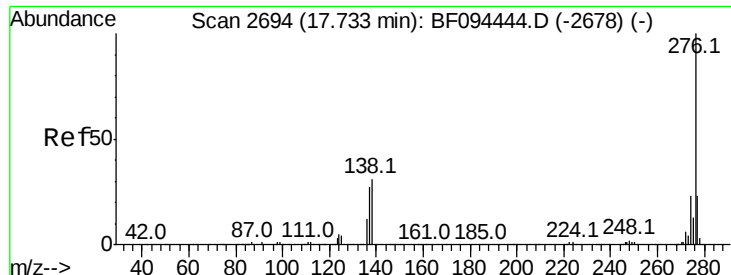


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

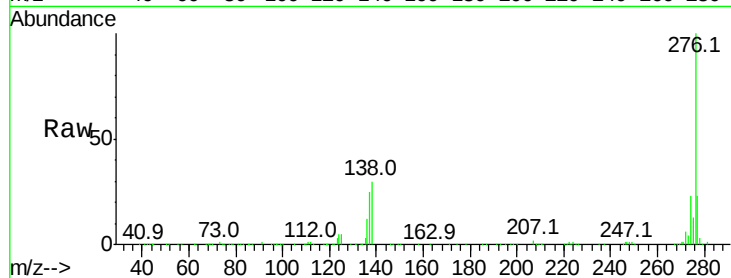




#91
 Benzo(a,h,i)perylene
 Concen: 47.69 ng
 RT: 17.77 min Scan# 2691
 Delta R.T. 0.03 min
 Lab File: BF094675.D
 Acq: 27 Apr 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	29.6	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

