

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094674.D
 Acq On : 27 Apr 2017 20:08
 Operator : SJ/MA
 Sample : I2870-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 02:21:07 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	113828	20.00	ng	0.01
21) Naphthalene-d8	7.27	136	466739	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	220812	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	392994	20.00	ng	0.00
75) Chrysene-d12	14.48	240	305061	20.00	ng	0.00
86) Perylene-d12	16.10	264	224556	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.34	112	834751	121.67	ng	0.04
7) Phenol-d6	5.41	99	950334	117.49	ng	0.01
23) Nitrobenzene-d5	6.43	82	667128	88.26	ng	0.01
41) 2,4,6-Tribromophenol	10.38	330	238908	138.32	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1246075	83.03	ng	0.00
78) Terphenyl-d14	13.20	244	1154736	101.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	103785	26.01	ng	# 82
3) Pyridine	2.74	79	193215	22.16	ng	96
4) n-Nitrosodimethylamine	2.67	42	131179	36.35	ng	91
6) Aniline	5.41	93	189495	17.63	ng	# 46
8) 2-Chlorophenol	5.55	128	327296	41.92	ng	98
9) Benzaldehyde	5.28	77	81076	13.18	ng	95
10) Phenol	5.42	94	348003	35.02	ng	98
11) bis(2-Chloroethyl)ether	5.49	93	301220	41.50	ng	99
12) 1,3-Dichlorobenzene	5.71	146	242519	28.04	ng	99
13) 1,4-Dichlorobenzene	5.80	146	252566	29.02	ng	96
14) 1,2-Dichlorobenzene	5.97	146	240761	30.04	ng	95
15) Benzyl Alcohol	5.95	79	252815	42.14	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	376627	39.57	ng	67
17) 2-Methylphenol	6.10	107	259886	42.27	ng	93
18) Hexachloroethane	6.35	117	80675	27.04	ng	# 86
19) n-Nitroso-di-n-propylamine	6.27	70	227201	42.39	ng	95
20) 3+4-Methylphenols	6.28	107	352999	42.25	ng	# 62
22) Acetophenone	6.25	105	469789	41.40	ng	# 84
24) Nitrobenzene	6.45	77	322715	40.54	ng	94
25) Isophorone	6.74	82	599993	42.82	ng	96
26) 2-Nitrophenol	6.82	139	183996	43.03	ng	96
27) 2,4-Dimethylphenol	6.90	122	289861	41.73	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	385423	42.52	ng	99
29) 2,4-Dichlorophenol	7.12	162	284651	44.05	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	231272	34.62	ng	99
31) Naphthalene	7.30	128	814880	36.32	ng	100
32) Benzoic acid	7.10	122	182516	49.69	ng	95
33) 4-Chloroaniline	7.38	127	64973	6.96	ng	# 93
34) Hexachlorobutadiene	7.45	225	107129	32.16	ng	99
35) Caprolactam	7.85	113	32935	16.22	ng	88
36) 4-Chloro-3-methylphenol	8.00	107	297853	43.98	ng	89
37) 2-Methylnaphthalene	8.13	142	621610	40.49	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	248382	39.50	ng	100
40) Hexachlorocyclopentadiene	8.32	237	179780	70.68	ng	98

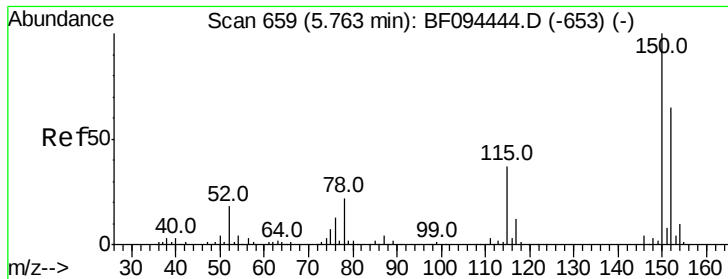
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094674.D
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 Operator : SJ/MA
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Quant Time: Apr 28 02:21:07 2017
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 Quant Title : ASP BNA 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	188870	42.77	nq	94
43) 2,4,5-Trichlorophenol	8.55	196	203000	44.77	nq	95
45) 1,1'-Biphenyl	8.71	154	740657	41.05	nq	98
46) 2-Chloronaphthalene	8.72	162	587379	40.95	nq	94
47) 2-Nitroaniline	8.87	65	173291	41.99	nq	# 85
48) Acenaphthylene	9.23	152	919228	41.11	nq	99
49) Dimethylphthalate	9.11	163	738854	44.90	nq	99
50) 2,6-Dinitrotoluene	9.17	165	163385	44.23	nq	91
51) Acenaphthene	9.44	154	558127	41.67	nq	99
52) 3-Nitroaniline	9.38	138	71384	16.70	nq	91
53) 2,4-Dinitrophenol	9.52	184	166430	82.82	nq	# 64
54) Dibenzofuran	9.66	168	837984	43.05	nq	99
55) 4-Nitrophenol	9.66	139	526673	174.45	nq	# 33
56) 2,4-Dinitrotoluene	9.67	165	214152	47.25	nq	# 85
57) Fluorene	10.08	166	649875	42.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	149746	46.07	nq	95
59) Diethylphthalate	9.97	149	685778	44.17	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	279776	44.35	nq	94
61) 4-Nitroaniline	10.14	138	155477	35.79	nq	95
62) Azobenzene	10.28	77	652452	43.28	nq	92
64) 4,6-Dinitro-2-methylphenol	10.18	198	111158	43.17	nq	# 71
65) n-Nitrosodiphenylamine	10.24	169	585208	42.82	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	167229	42.85	nq	96
67) Hexachlorobenzene	10.76	284	171457	43.60	nq	# 89
68) Atrazine	10.92	200	178209	43.58	nq	98
69) Pentachlorophenol	11.01	266	161881	103.67	nq	98
70) Phenanthrene	11.25	178	936712	42.33	nq	99
71) Anthracene	11.32	178	979254	42.78	nq	98
72) Carbazole	11.53	167	898812	41.83	nq	97
73) Di-n-butylphthalate	11.97	149	1106529	46.77	nq	99
74) Fluoranthene	12.71	202	968882	42.24	nq	99
76) Benzidine	12.89	184	228869	18.53	nq	# 93
77) Pyrene	12.99	202	977023	45.84	nq	99
79) Butylbenzylphthalate	13.81	149	468049	50.11	nq	91
80) Benzo(a)anthracene	14.47	228	762576	43.01	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	147280	23.46	nq	# 97
82) Chrysene	14.51	228	695136	42.90	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	652741	52.05	nq	# 100
84) Di-n-octyl phthalate	15.28	149	1067063	50.72	nq	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	597687	38.76	nq	99
87) Benzo(b)fluoranthene	15.70	252	615044	44.77	nq	99
88) Benzo(k)fluoranthene	15.73	252	588442	45.27	nq	# 96
89) Benzo(a)pyrene	16.04	252	562685	44.03	nq	98
90) Dibenzo(a,h)anthracene	17.40	278	502561	47.36	nq	97
91) Benzo(g,h,i)perylene	17.77	276	504607	46.71	nq	97

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

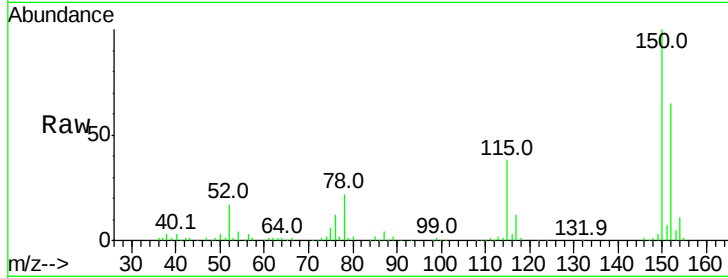


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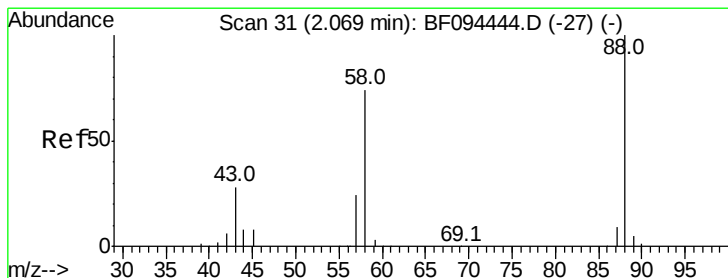
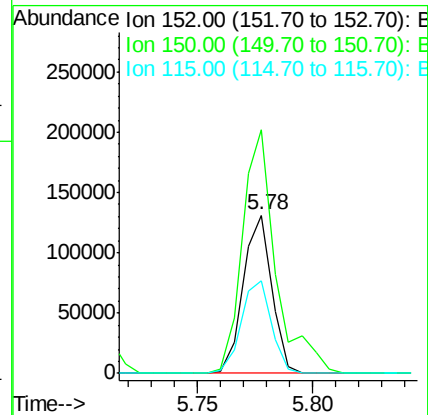
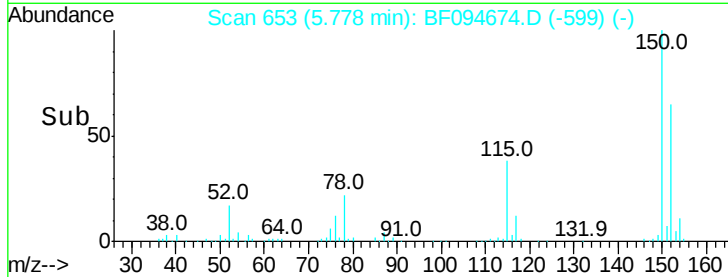
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.78 min Scan# 653
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113828
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 58.5 52.2 78.2



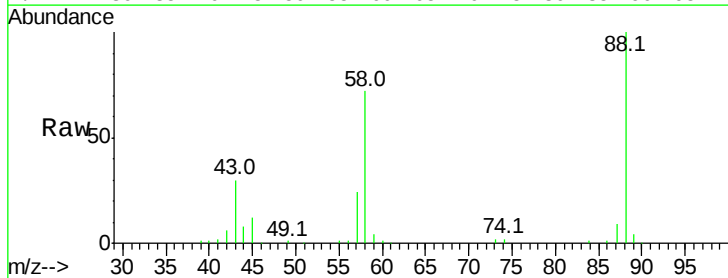
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



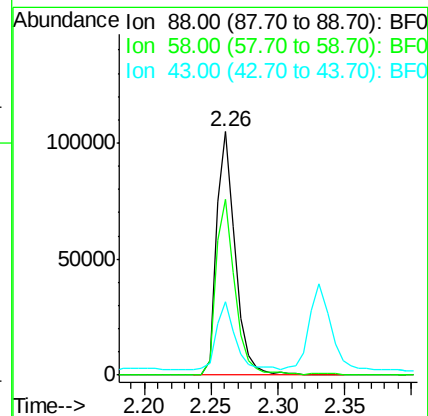
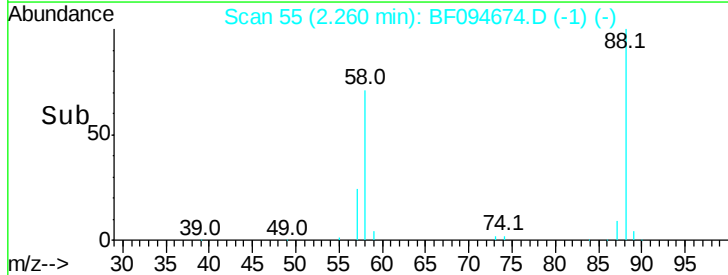
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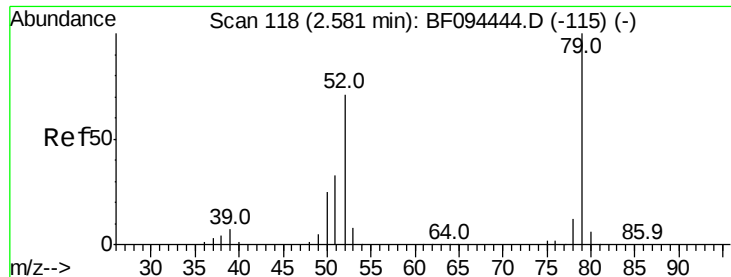
1,4-Dioxane
Concen: 26.01 ng
RT: 2.26 min Scan# 55
Delta R.T. 0.19 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion: 88 Resp: 103785
Ion Ratio Lower Upper
88 100
58 73.5 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

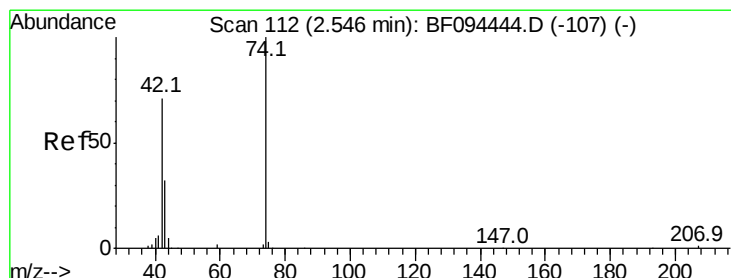
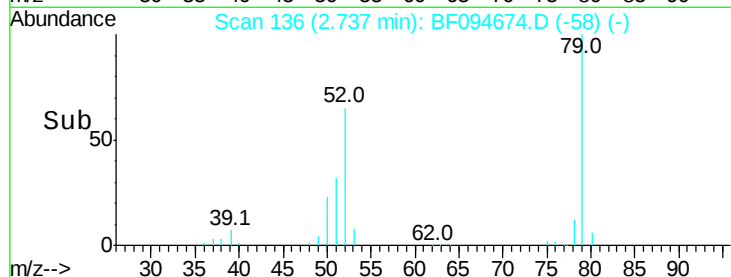
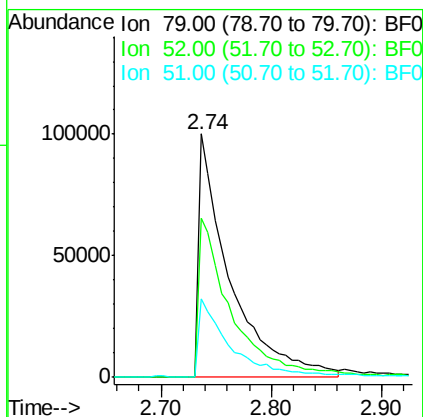
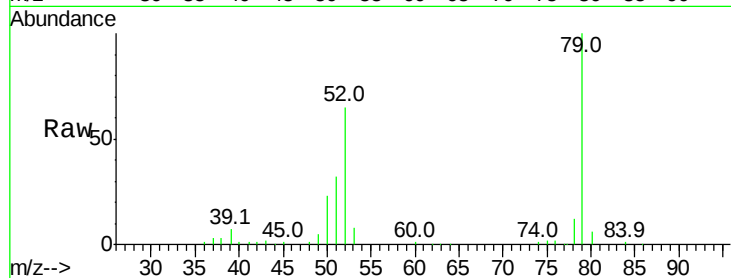




#3
 Pvridine
 Concen: 22.16 ng
 RT: 2.74 min Scan# 136
 Delta R.T. 0.16 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

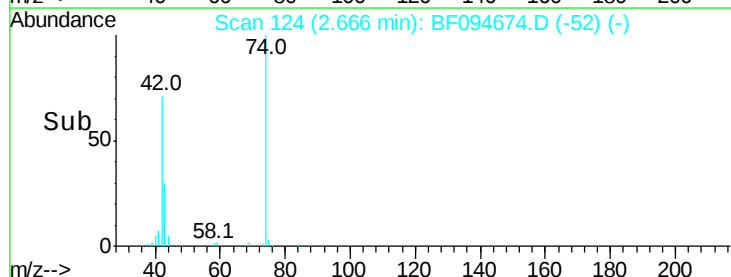
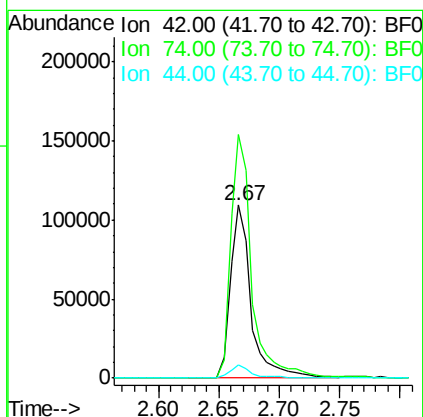
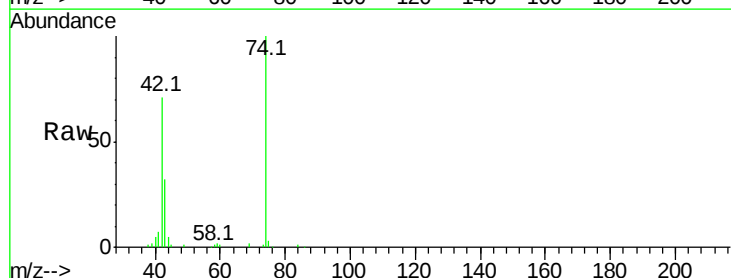
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 193215
 Ion Ratio Lower Upper
 79 100
 52 65.3 54.8 82.2
 51 32.2 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 36.35 ng
 RT: 2.67 min Scan# 124
 Delta R.T. 0.12 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion: 42 Resp: 131179
 Ion Ratio Lower Upper
 42 100
 74 140.6 103.9 155.9
 44 7.5 5.7 8.5

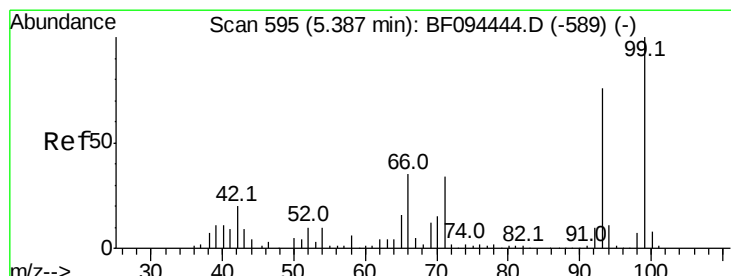
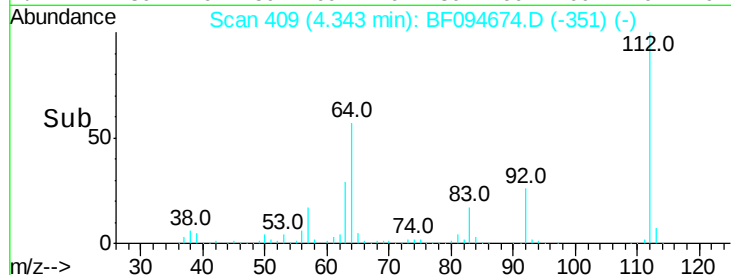
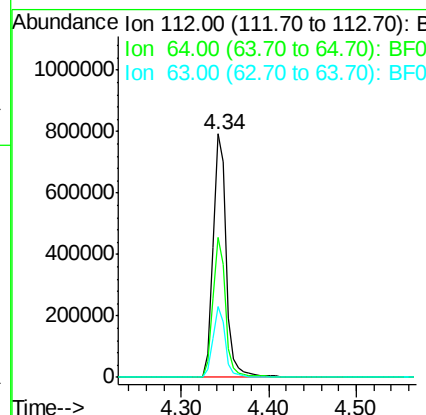
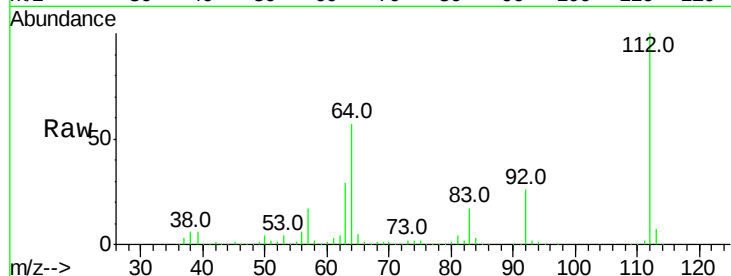




#5
 2-Fluorophenol
 Concen: 121.67 ng
 RT: 4.34 min Scan# 409
 Delta R.T. 0.04 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

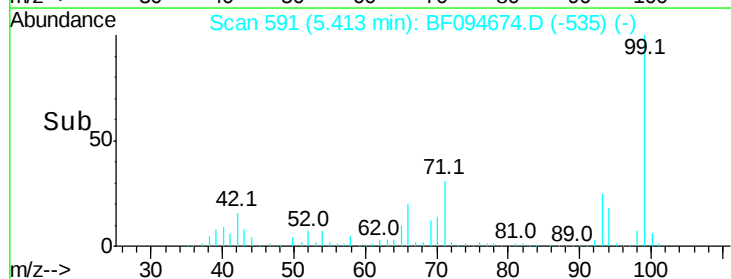
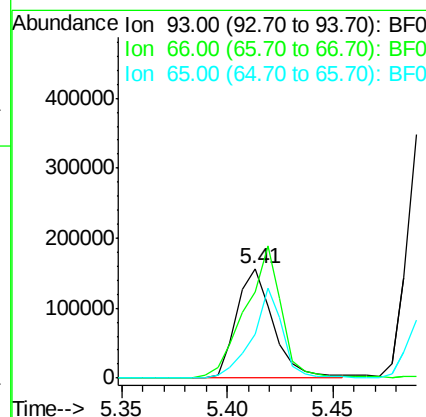
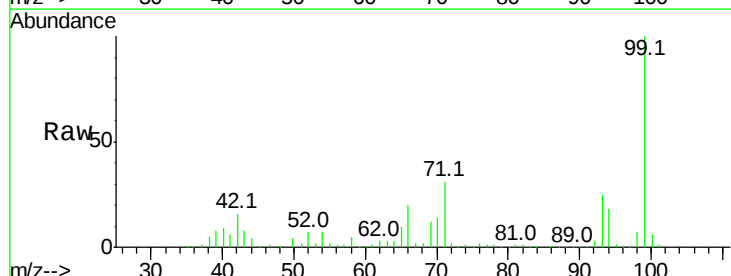
Instrument :
 BNA_F
 ClientSampled :

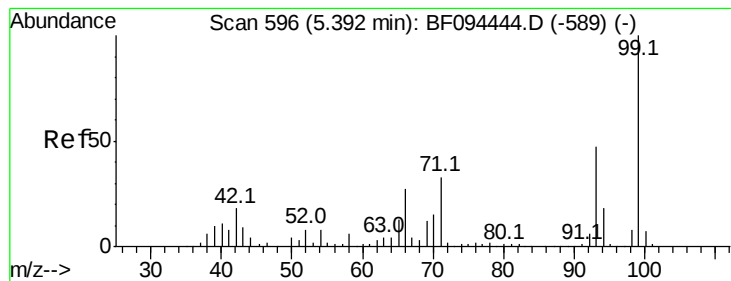
Tot Ion:	112	Resp:	834751
Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.0	69.0
63	29.0	23.4	35.0



#6
 Aniline
 Concen: 17.63 ng
 RT: 5.41 min Scan# 591
 Delta R.T. 0.03 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion:	93	Resp:	189495
Ion	Ratio	Lower	Upper
93	100		
66	78.3	32.9	49.3#
65	40.1	16.0	24.0#





#7

Phenol-d6

Concen: 117.49 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

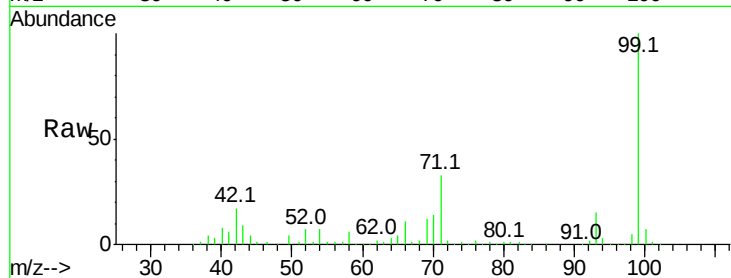
Tot Ion: 99 Resp: 950334

Ion Ratio Lower Upper

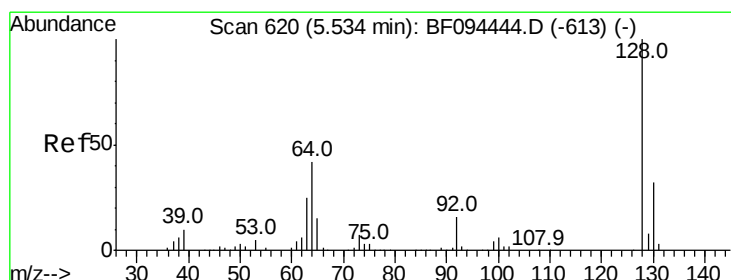
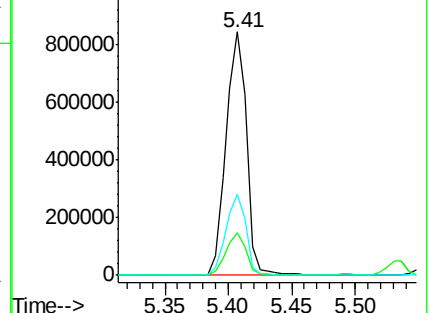
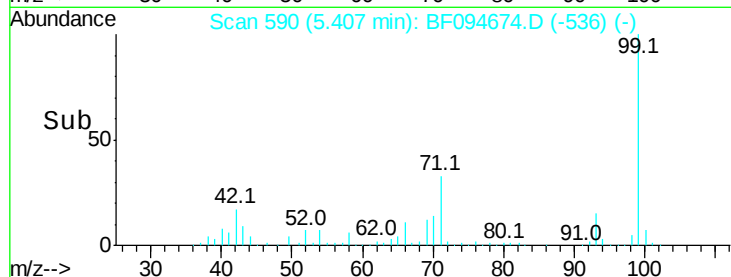
99 100

42 17.3 13.5 20.3

71 33.2 24.5 36.7



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



#8

2-Chlorophenol

Concen: 41.92 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

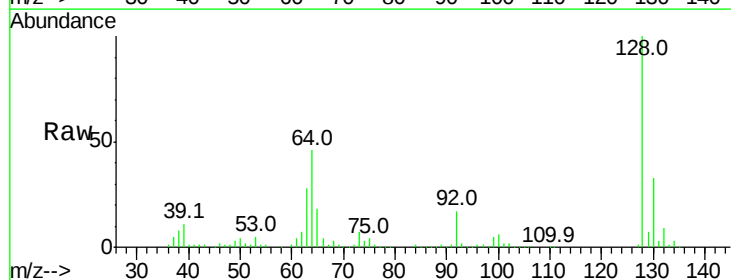
Tgt Ion: 128 Resp: 327296

Ion Ratio Lower Upper

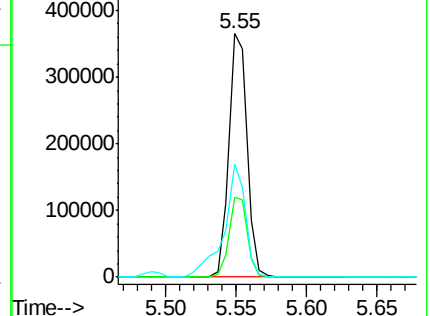
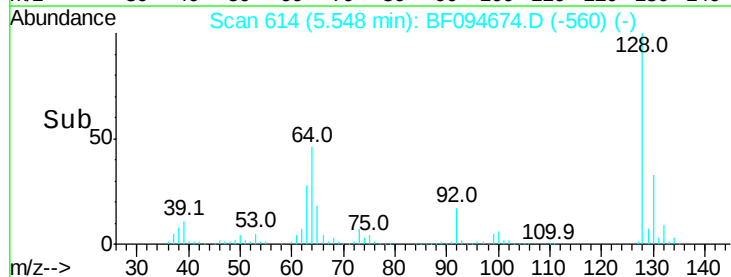
128 100

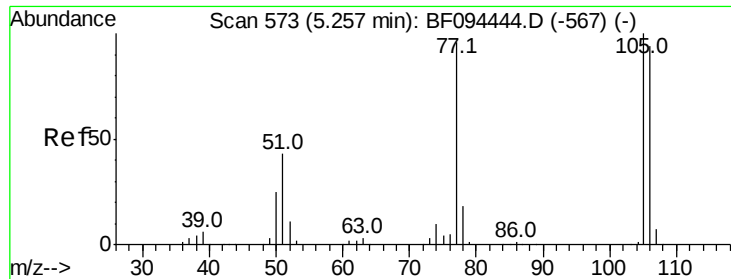
130 32.9 12.9 52.9

64 46.4 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

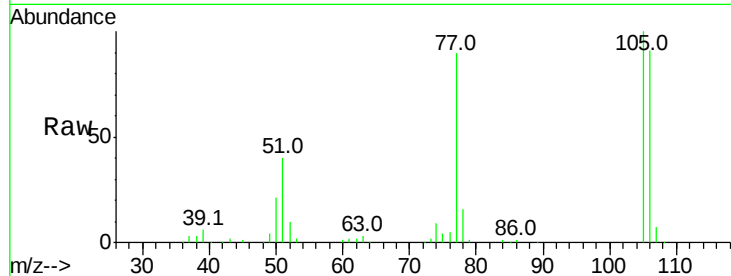




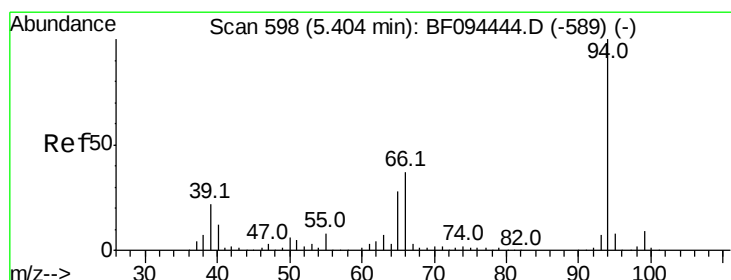
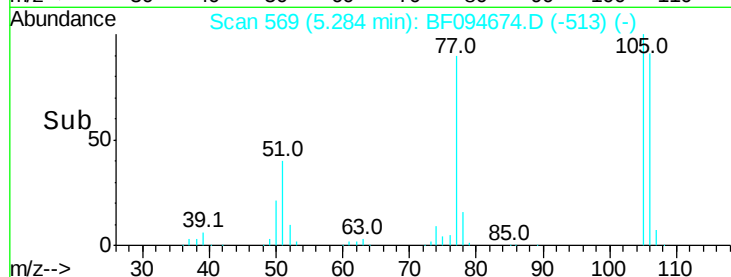
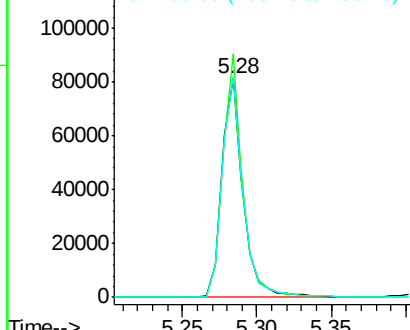
#9
Benzaldehyde
Concen: 13.18 ng
RT: 5.28 min Scan# 569
Delta R.T. 0.03 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 81076
Ion Ratio Lower Upper
77 100
105 111.2 83.8 123.8
106 100.9 79.1 119.1

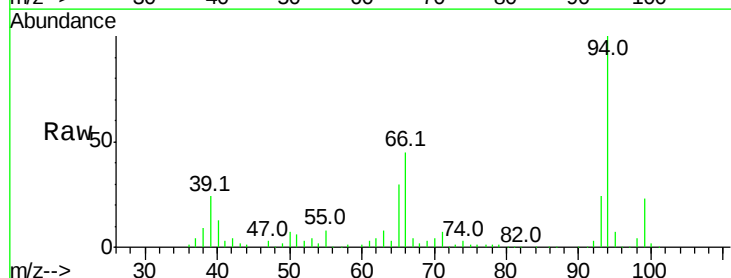


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

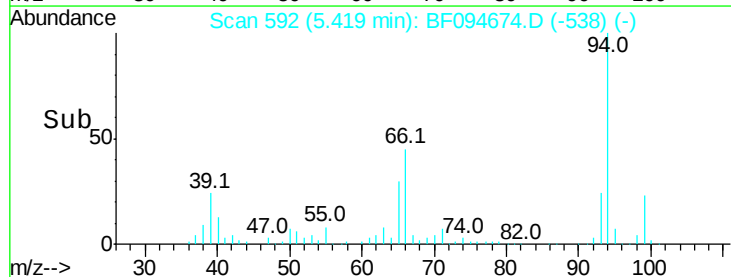
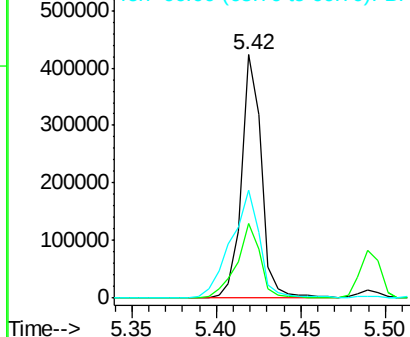


#10
Phenol
Concen: 35.02 ng
RT: 5.42 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion: 94 Resp: 348003
Ion Ratio Lower Upper
94 100
65 30.4 9.9 49.9
66 44.5 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

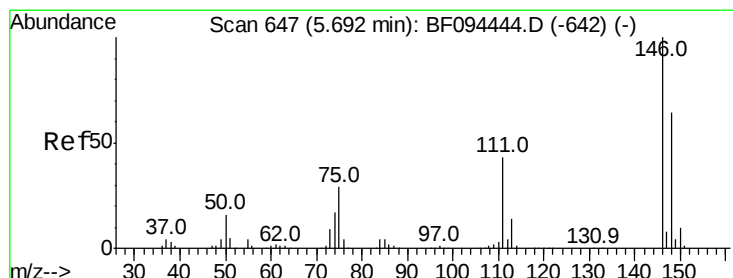
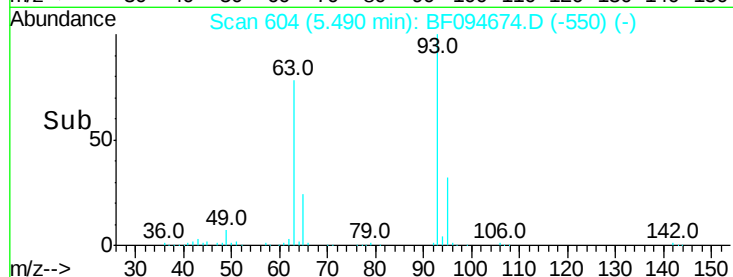
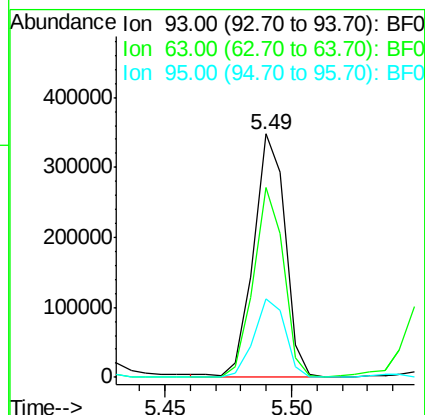
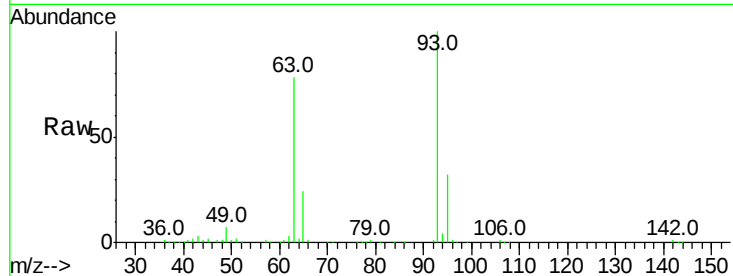




#11
bis(2-Chloroethyl)ether
Concen: 41.50 ng
RT: 5.49 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

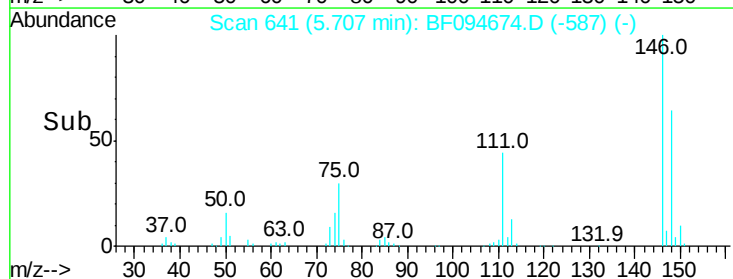
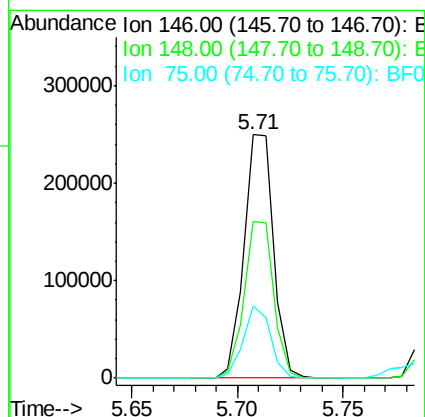
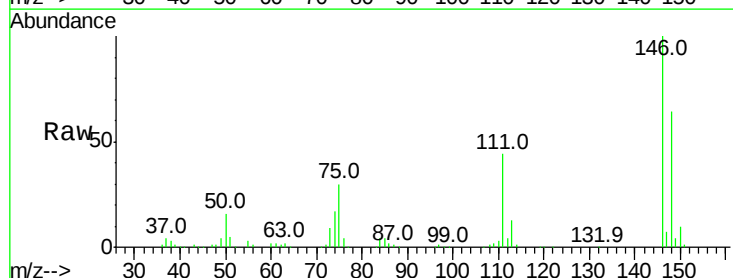
Instrument :
BNA_F
ClientSampleId :

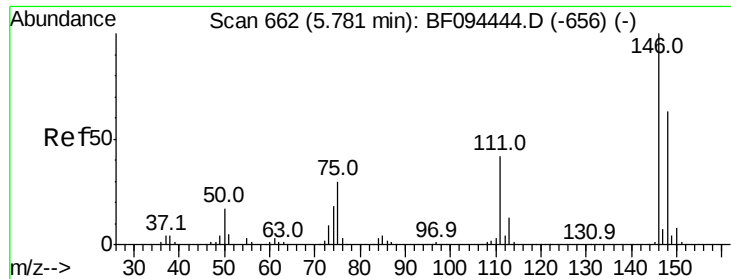
Tot Ion: 93 Resp: 301220
Ion Ratio Lower Upper
93 100
63 78.0 59.2 99.2
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 28.04 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion: 146 Resp: 242519
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
75 29.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 29.02 ng

RT: 5.80 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

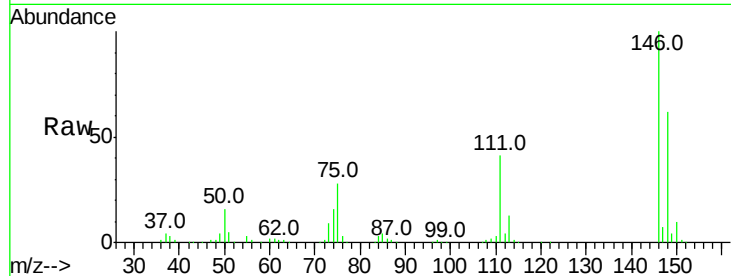
Tot Ion:146 Resp: 252566

Ion Ratio Lower Upper

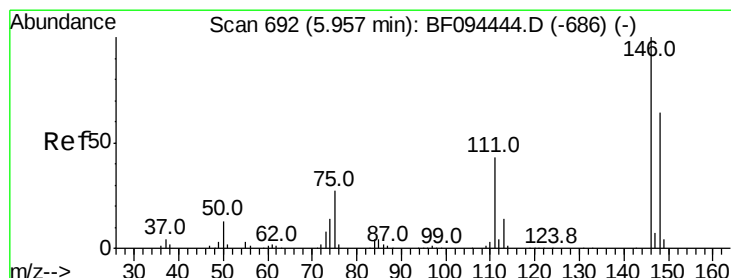
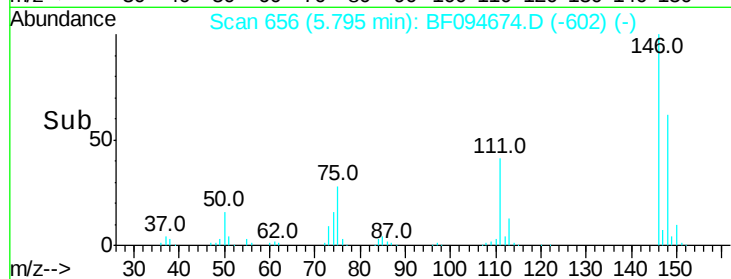
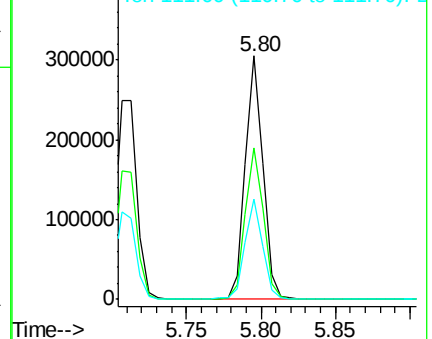
146 100

148 62.2 52.2 78.2

111 41.1 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: 30.04 ng

RT: 5.97 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

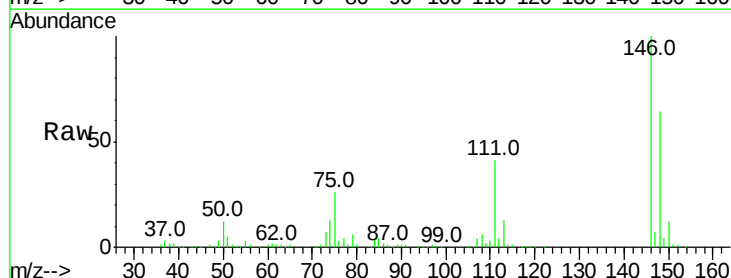
Tgt Ion:146 Resp: 240761

Ion Ratio Lower Upper

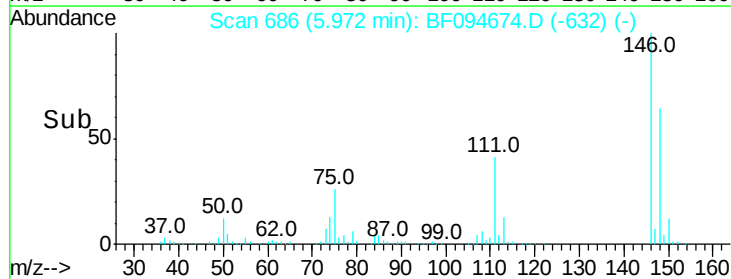
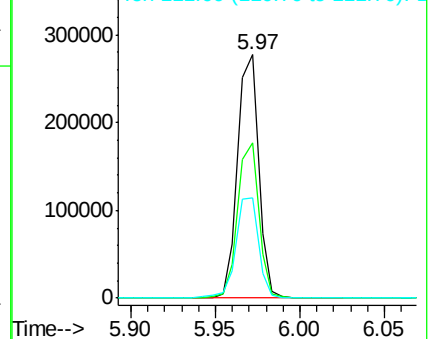
146 100

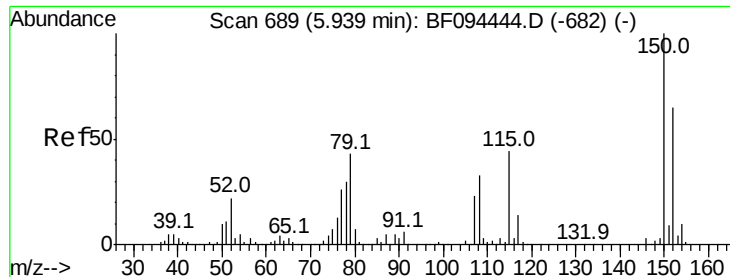
148 63.9 50.4 75.6

111 41.4 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

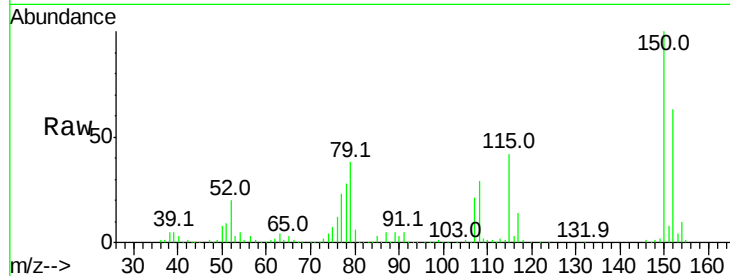




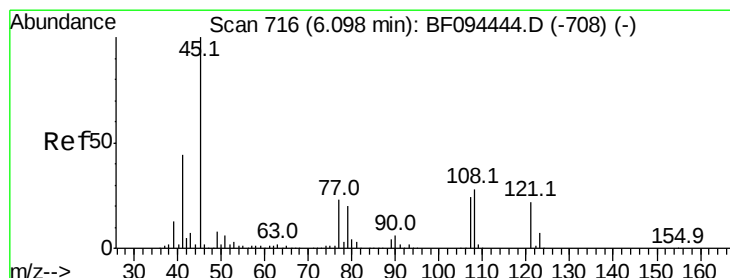
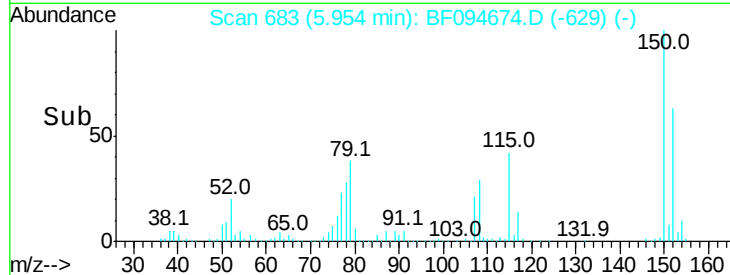
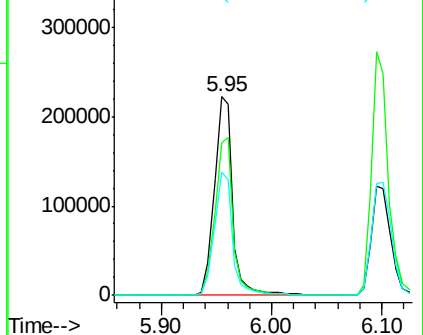
#15
Benzyl Alcohol
Concen: 42.14 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 252815
Ion Ratio Lower Upper
79 100
108 77.1 63.4 95.0
77 61.8 49.2 73.8

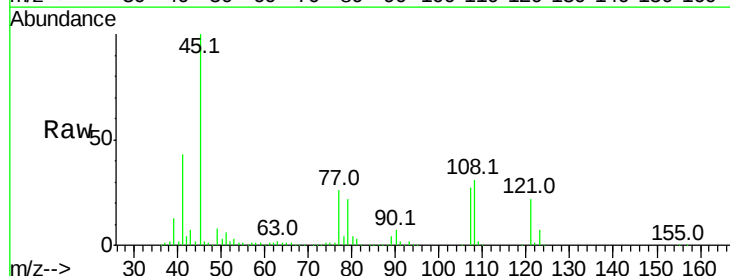


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

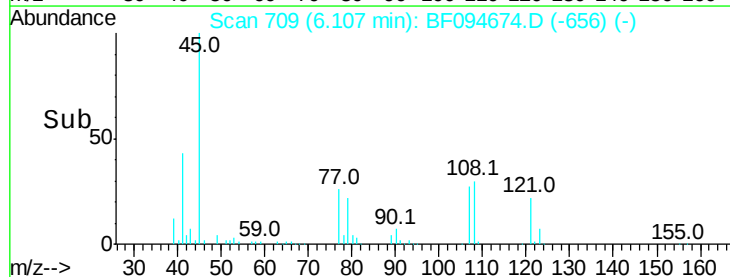
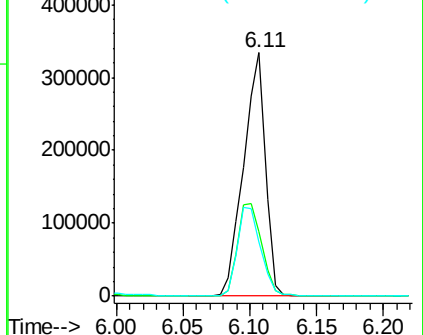


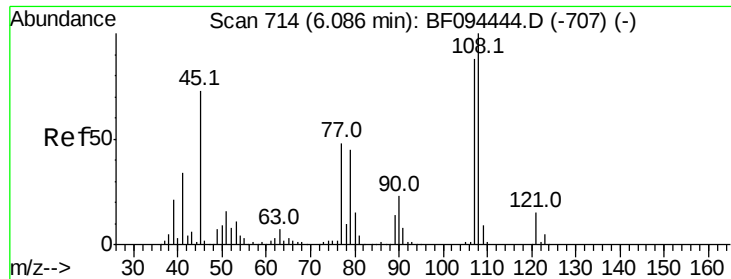
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.57 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion: 45 Resp: 376627
Ion Ratio Lower Upper
45 100
77 26.4 0.0 33.2
79 22.1 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

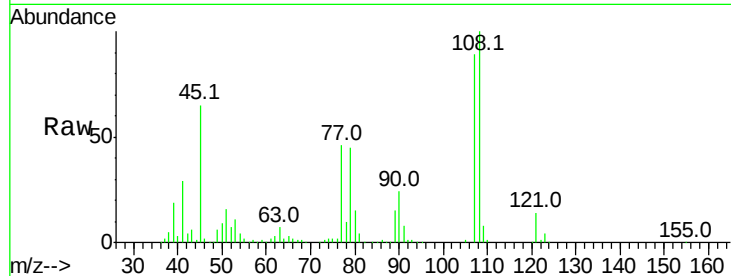




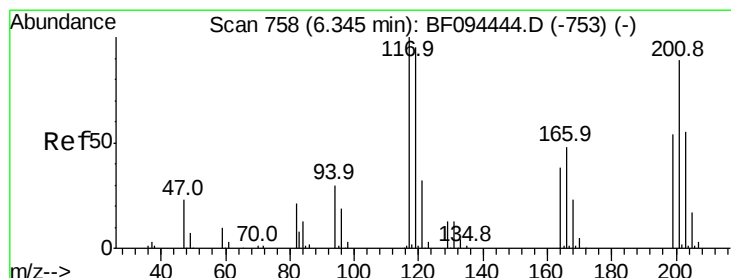
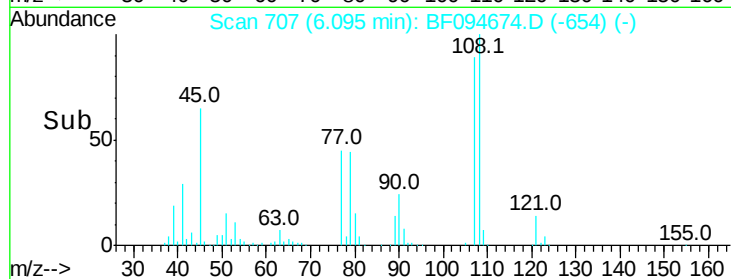
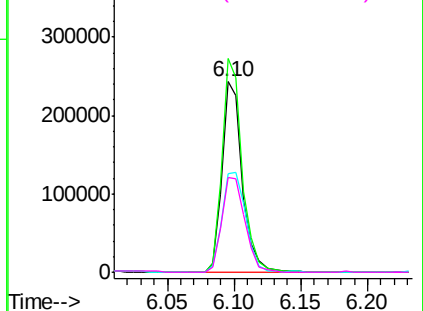
#17
2-Methylphenol
Concen: 42.27 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	259886
Ion	Ratio	Lower	Upper
107	100		
108	112.1	93.4	140.0
77	51.5	35.8	53.6
79	50.0	34.8	52.2

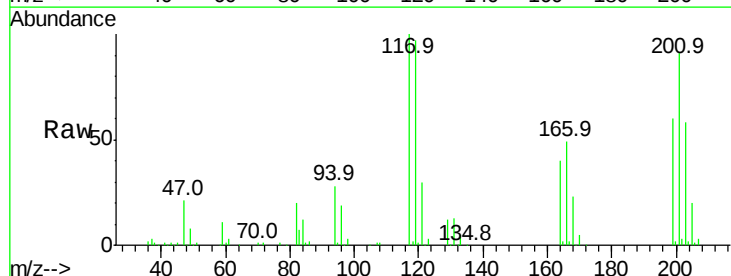


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

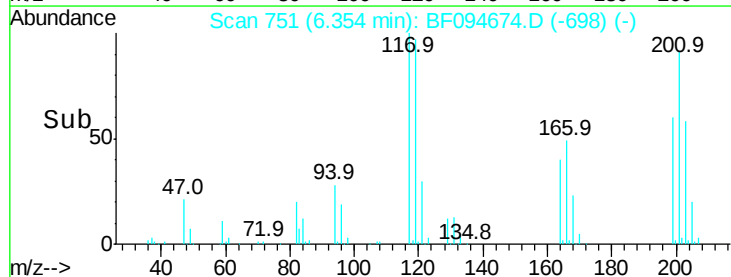
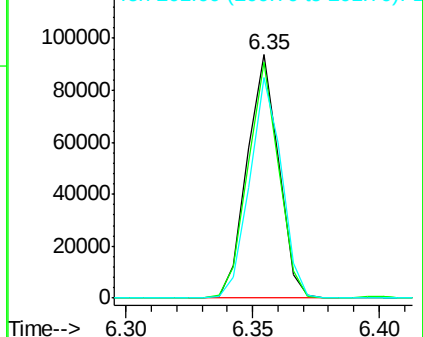


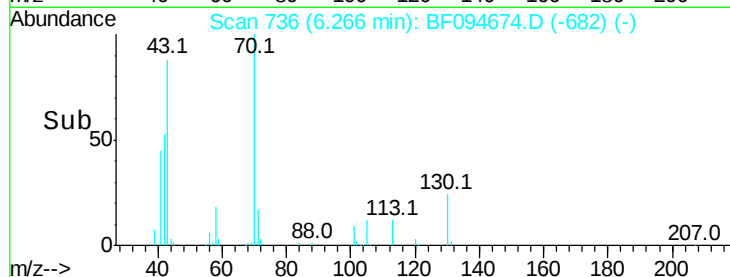
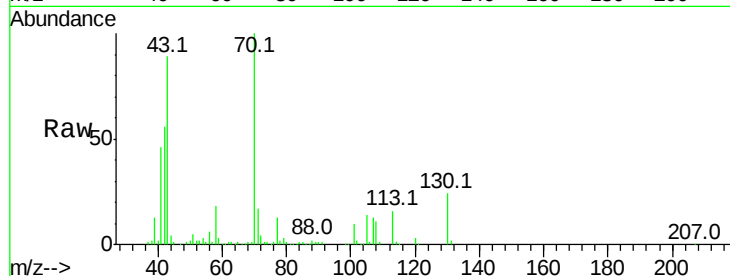
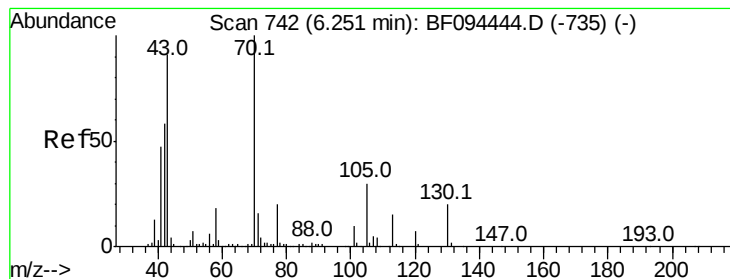
#18
Hexachloroethane
Concen: 27.04 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion:	117	Resp:	80675
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
201	90.5	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.39 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 227201

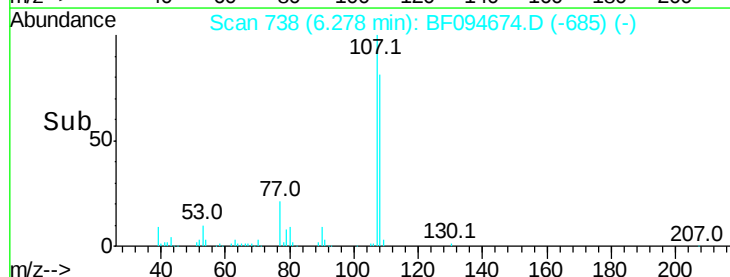
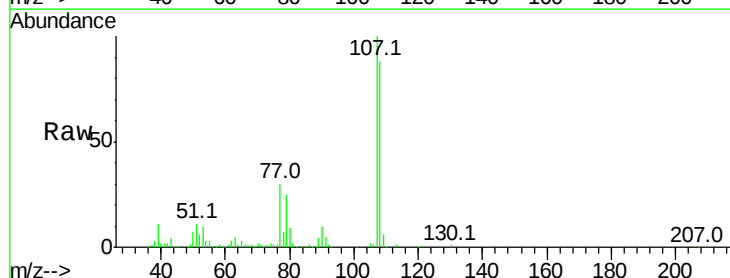
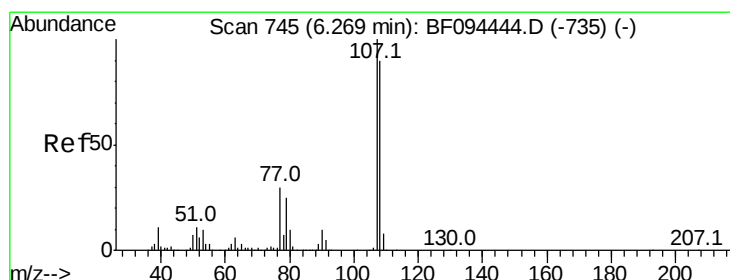
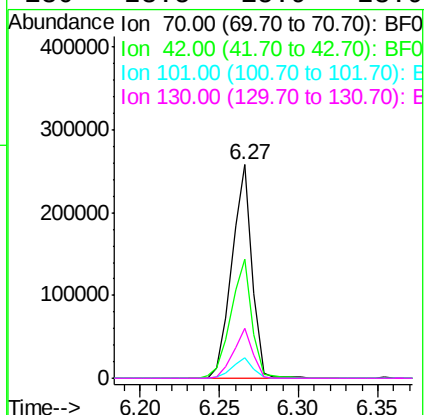
Ion Ratio Lower Upper

70 100

42 56.0 47.2 70.8

101 9.6 7.2 10.8

130 23.5 15.9 23.9



#20

3+4-Methylphenols

Concen: 42.25 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Tgt Ion:107 Resp: 352999

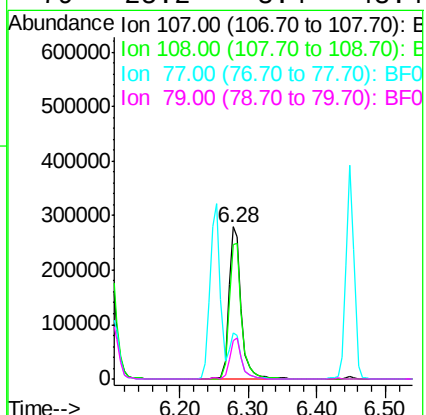
Ion Ratio Lower Upper

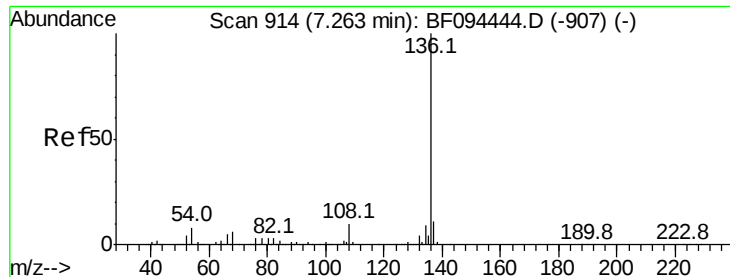
107 100

108 88.4 71.0 111.0

77 30.3 90.5 130.5#

79 25.2 8.4 48.4

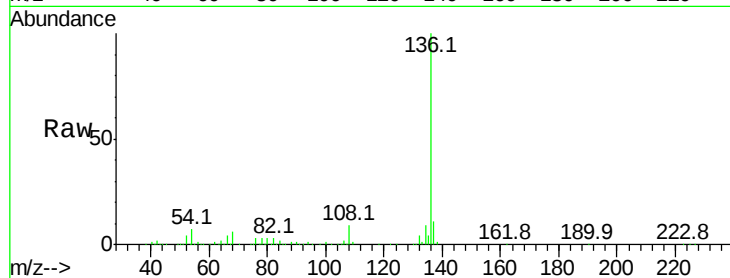




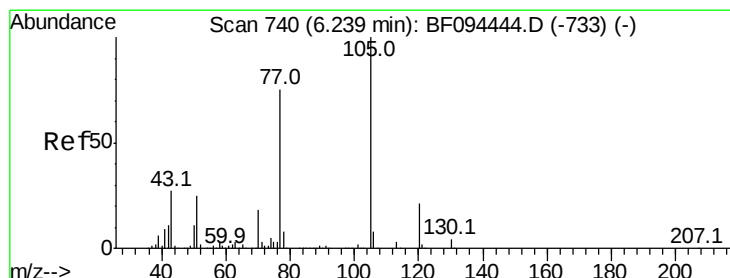
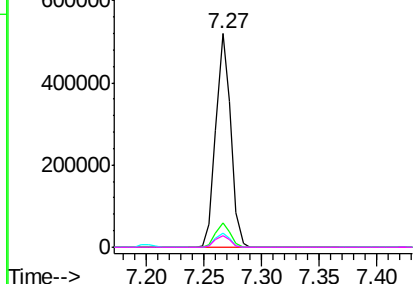
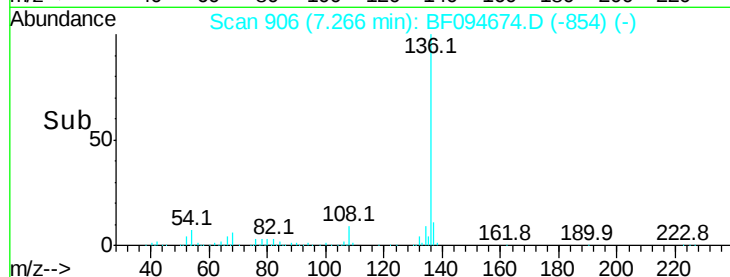
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	466739
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.5	12.7
54 6.9	4.9	7.3
68 5.5	4.1	6.1

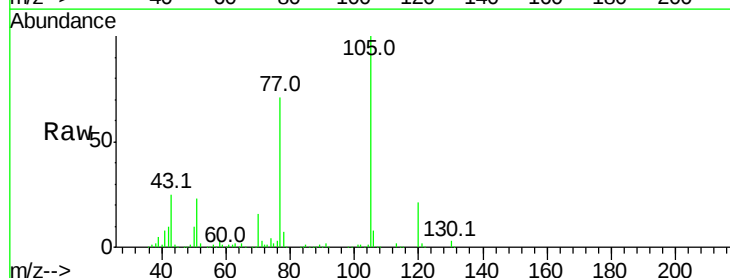


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

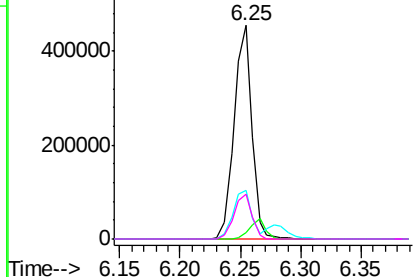
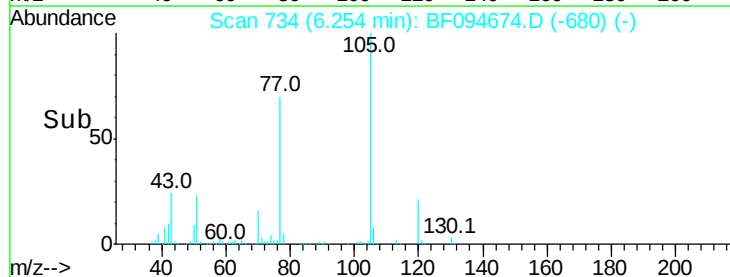


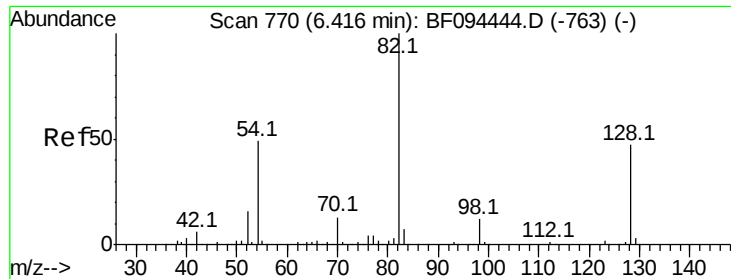
#22
Acetophenone
Concen: 41.40 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt	Ion:105	Resp:	469789
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.8	4.2#
51	23.0	30.7	46.1#
120	20.9	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: 88.26 ng

RT: 6.43 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

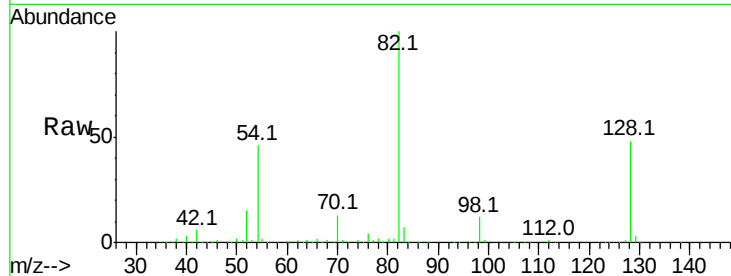
Tot Ion: 82 Resp: 667128

Ion Ratio Lower Upper

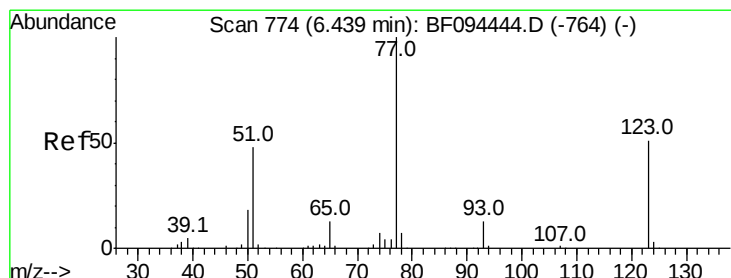
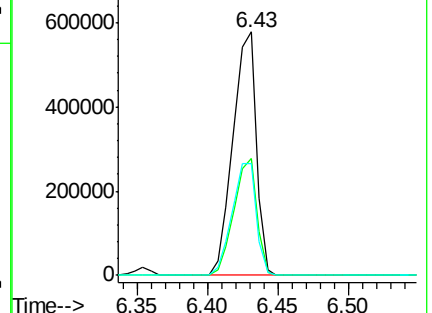
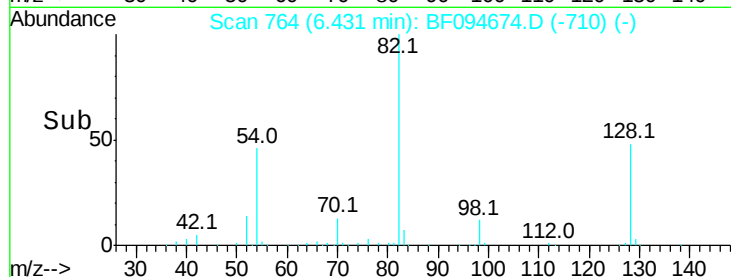
82 100

128 48.2 34.0 51.0

54 46.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.54 ng

RT: 6.45 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

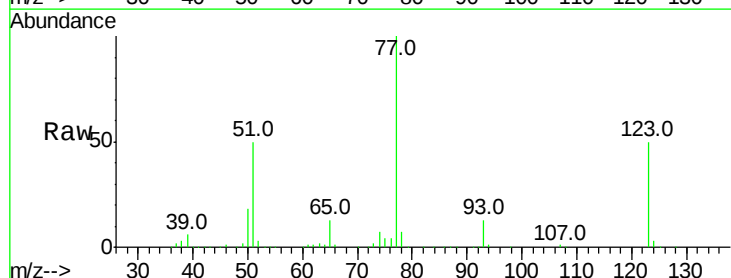
Tgt Ion: 77 Resp: 322715

Ion Ratio Lower Upper

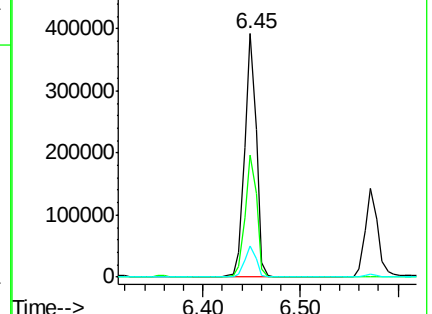
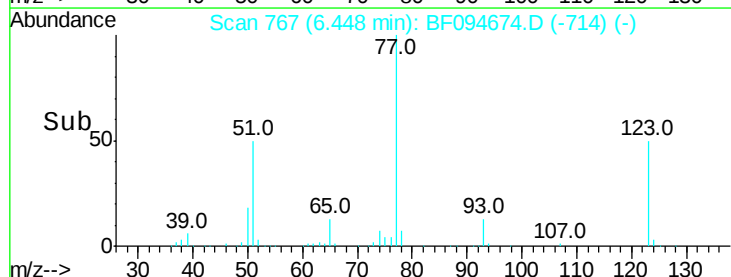
77 100

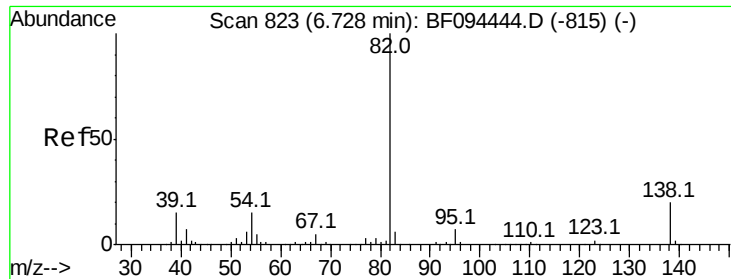
123 50.0 35.8 53.8

65 12.8 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.82 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

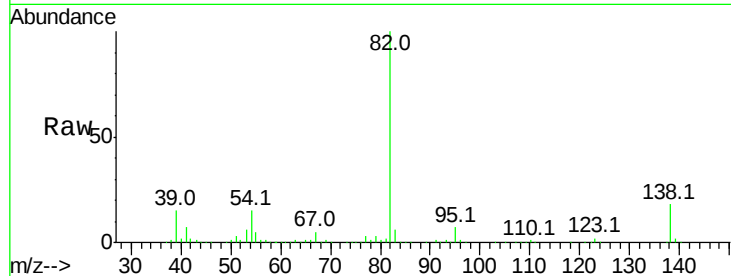
Tot Ion: 82 Resp: 599993

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

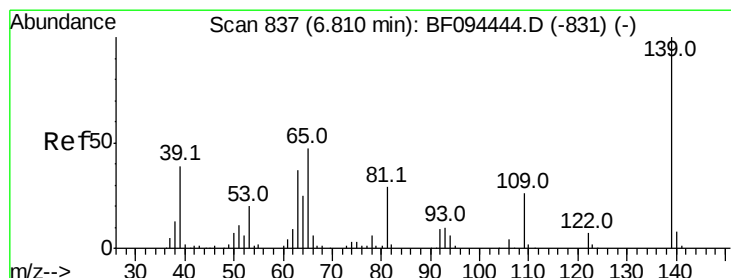
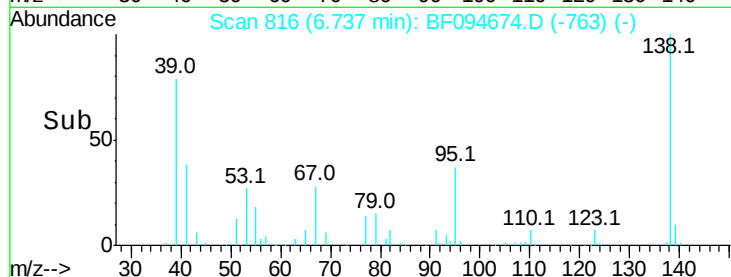
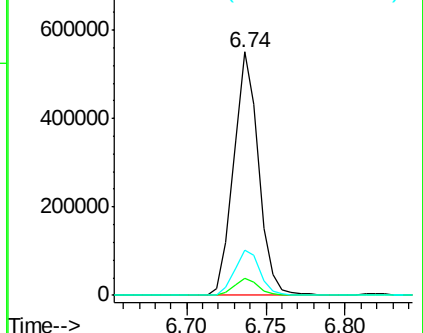
138 18.5 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.03 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

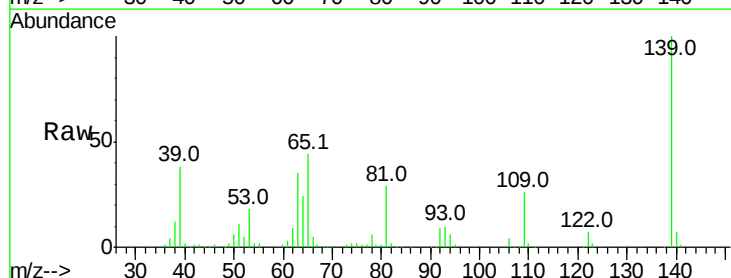
Tgt Ion: 139 Resp: 183996

Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

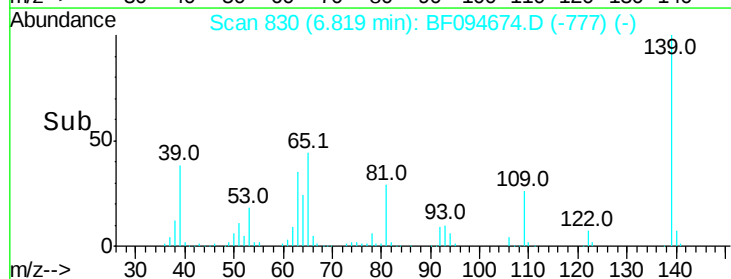
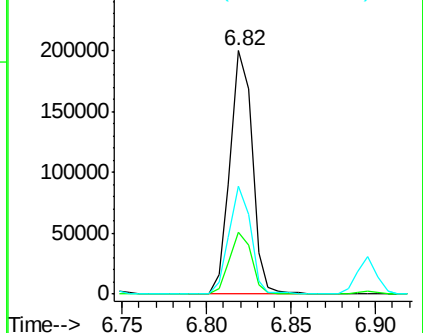
65 44.5 33.0 49.6

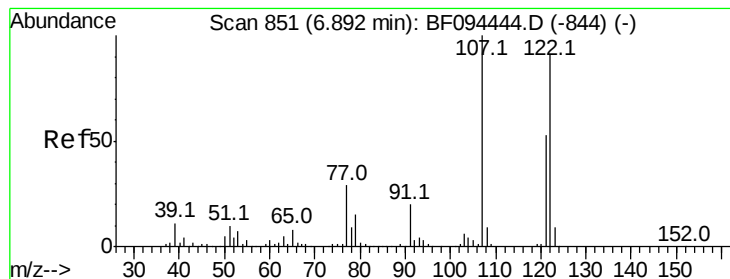


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.73 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :
BNA_F
ClientSampled :

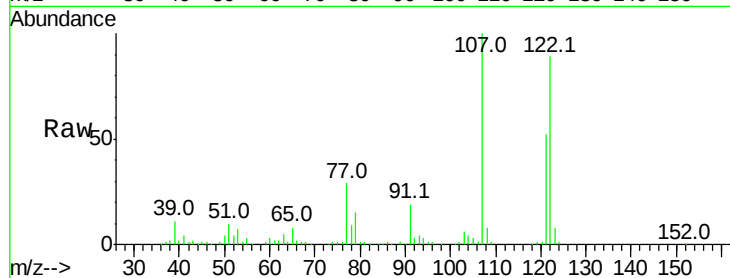
Tot Ion:122 Resp: 289861

Ion Ratio Lower Upper

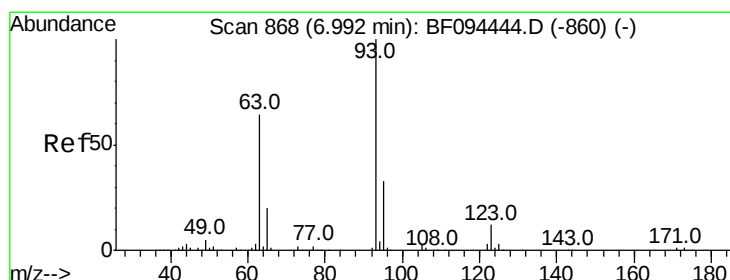
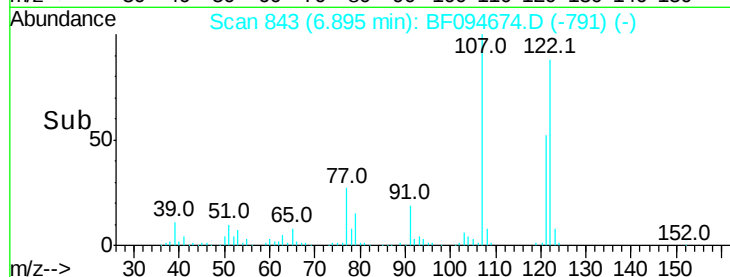
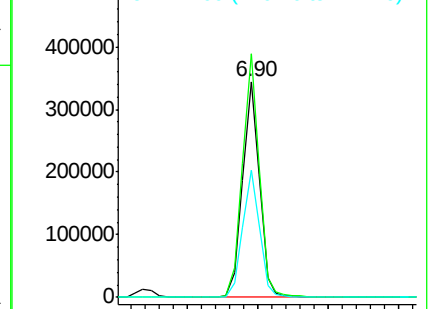
122 100

107 113.0 89.2 133.8

121 58.8 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: 42.52 ng

RT: 7.00 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

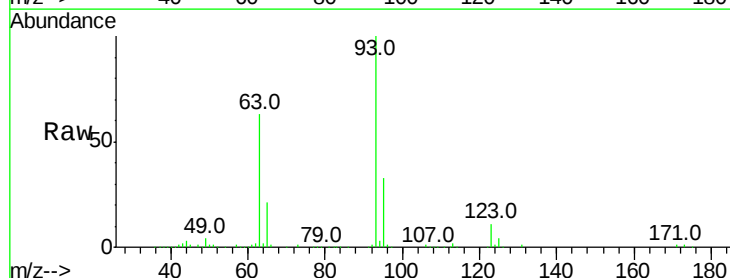
Tgt Ion: 93 Resp: 385423

Ion Ratio Lower Upper

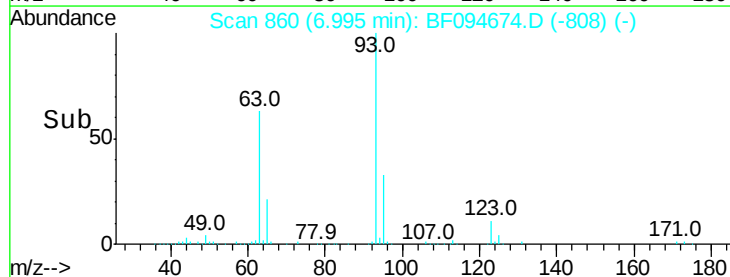
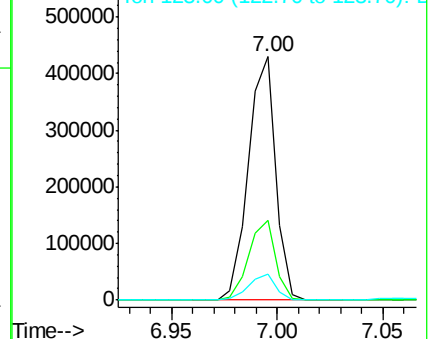
93 100

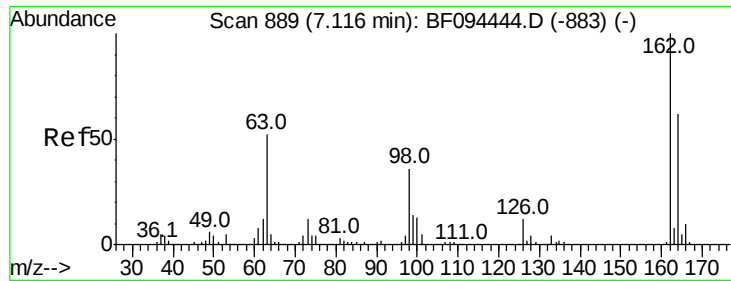
95 32.5 26.5 39.7

123 10.9 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

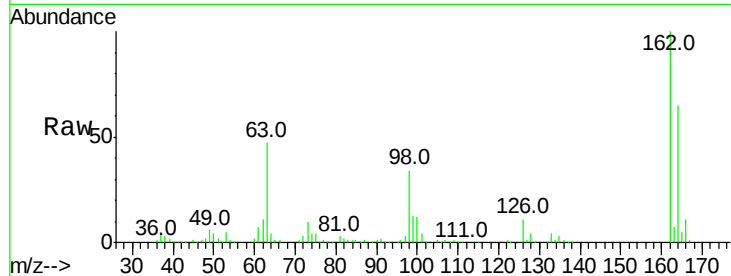




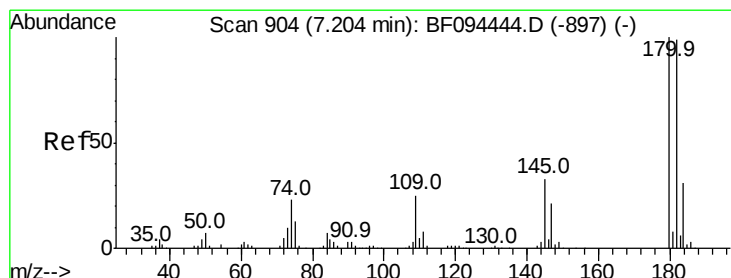
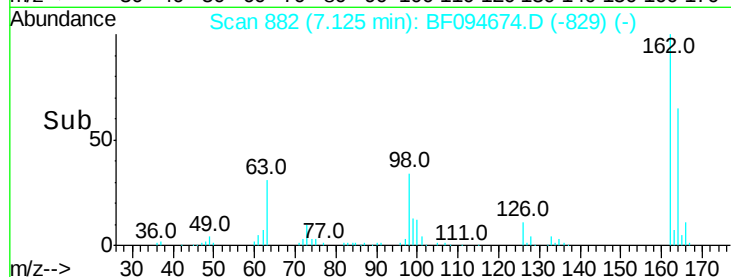
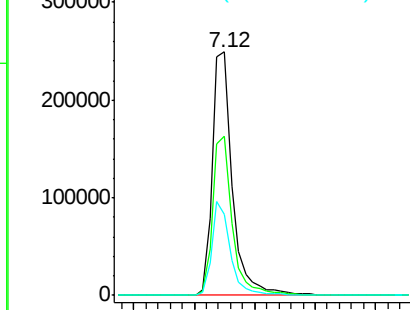
#29
 2,4-Dichlorophenol
 Concen: 44.05 ng
 RT: 7.12 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.6	84.6
98	33.5	14.8	54.8

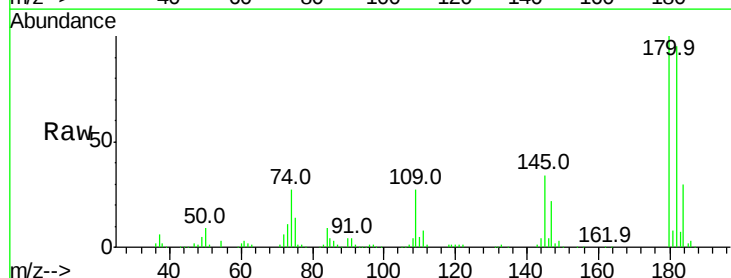


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

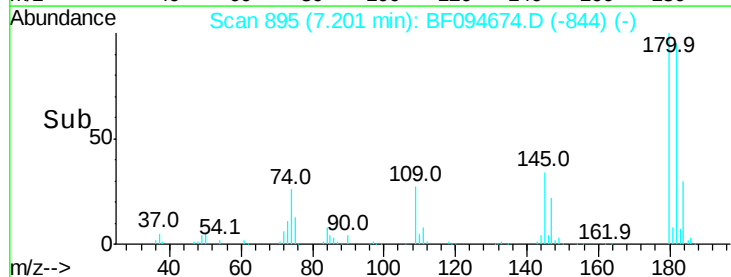
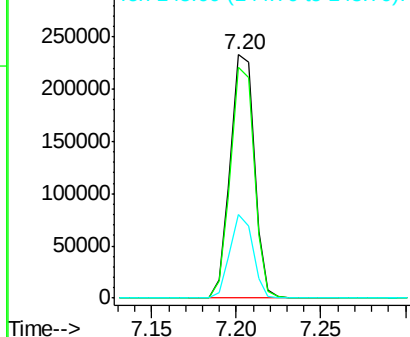


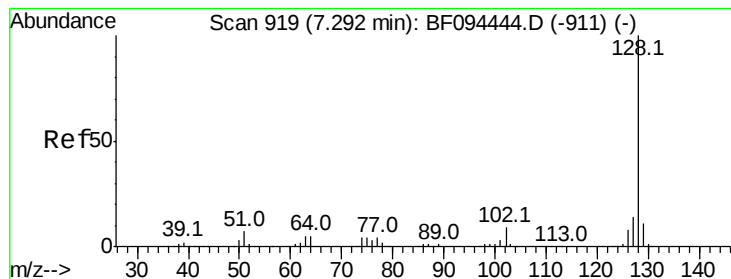
#30
 1,2,4-Trichlorobenzene
 Concen: 34.62 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	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: 36.32 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

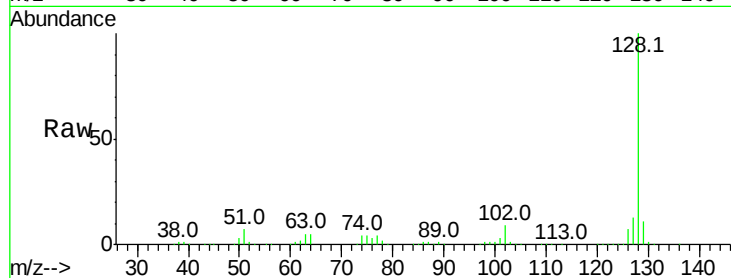
Tot Ion:128 Resp: 814880

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

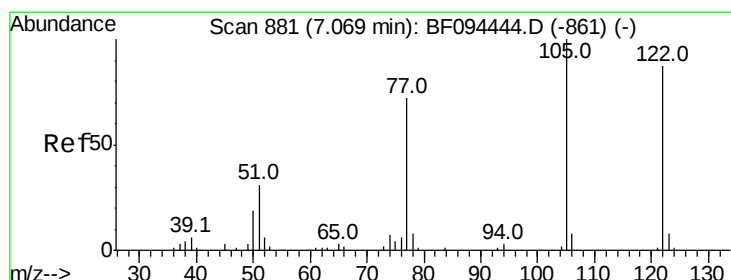
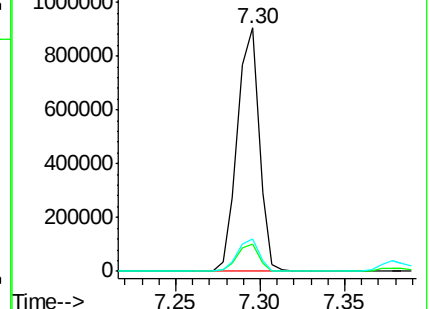
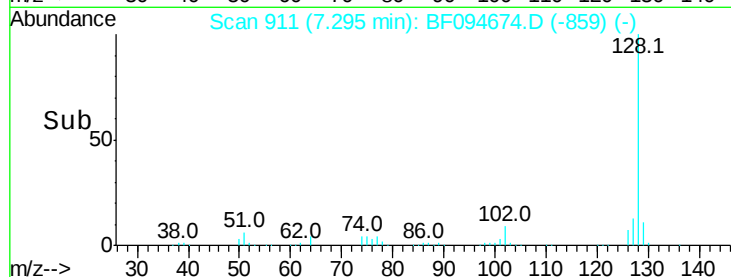
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.69 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.03 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

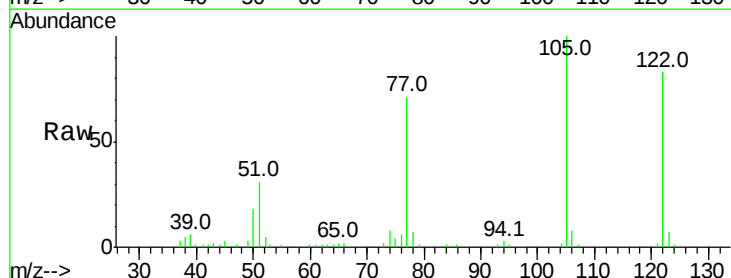
Tgt Ion:122 Resp: 182516

Ion Ratio Lower Upper

122 100

105 121.2 103.3 143.3

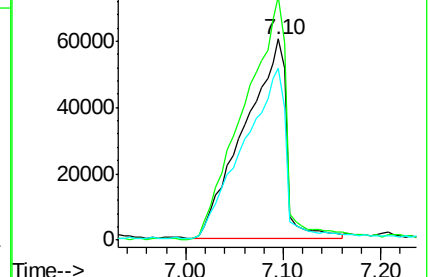
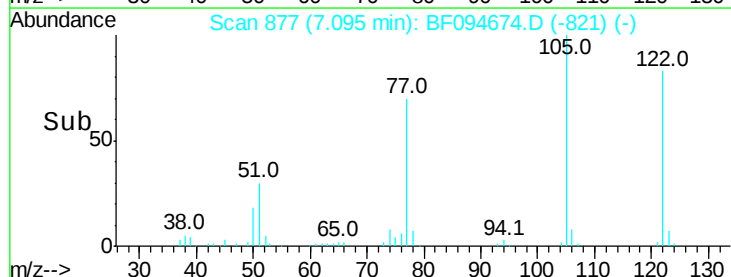
77 85.9 73.7 113.7

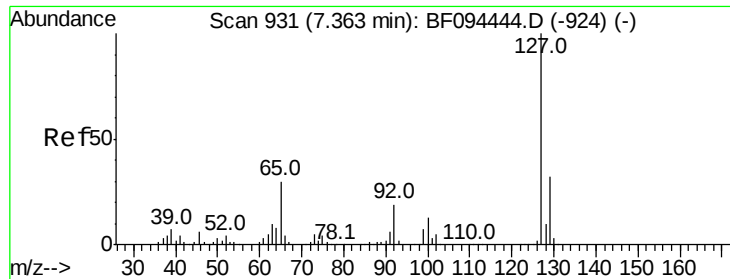


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

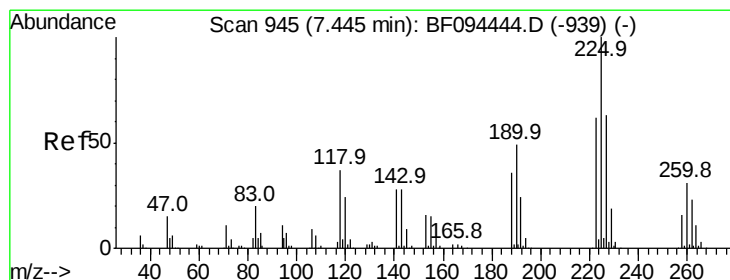
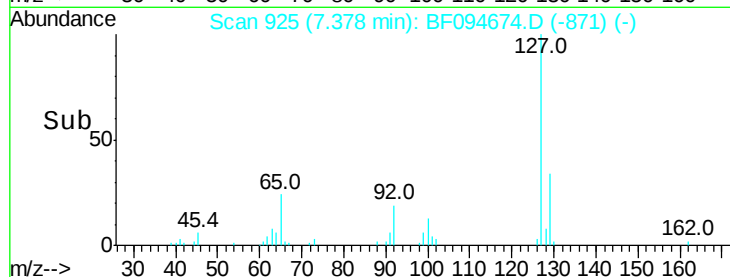
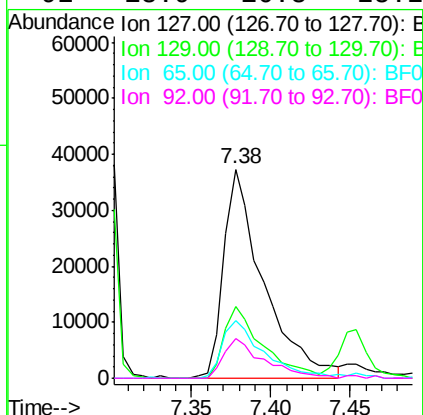
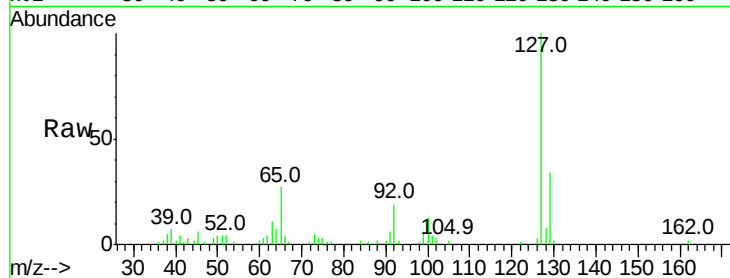




#33
 4-Chloroaniline
 Concen: 6.96 ng
 RT: 7.38 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

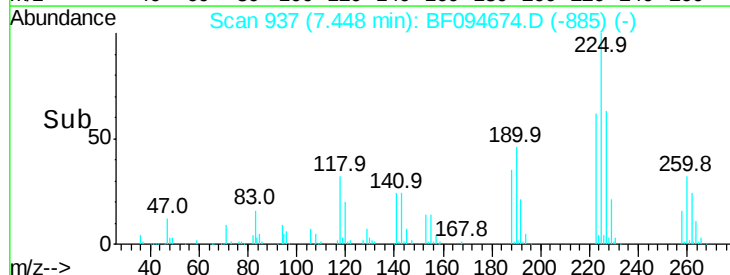
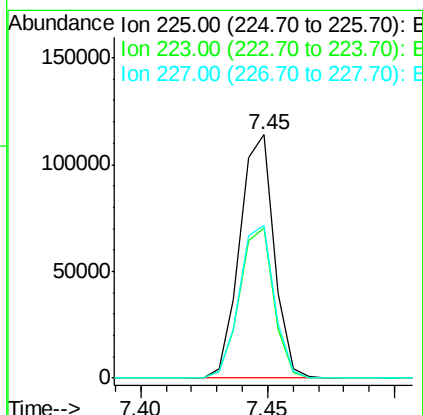
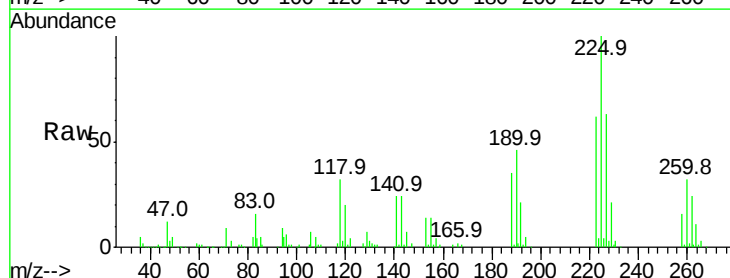
Instrument :
 BNA_F
 ClientSampleId :

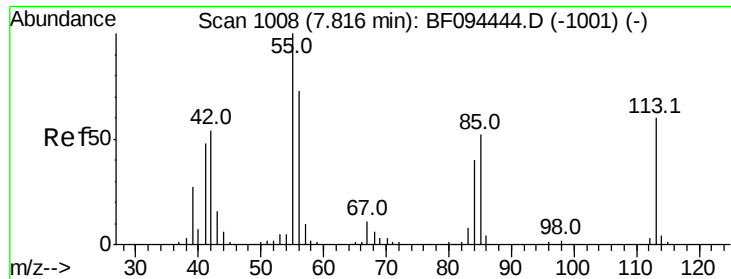
Tot Ion:	127	Resp:	64973
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.2	39.2
65	27.5	27.8	41.8#
92	18.9	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 32.16 ng
 RT: 7.45 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion:	225	Resp:	107129
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.8	73.2
227	62.8	51.1	76.7

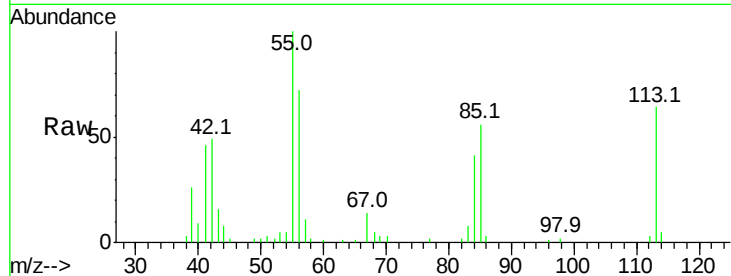




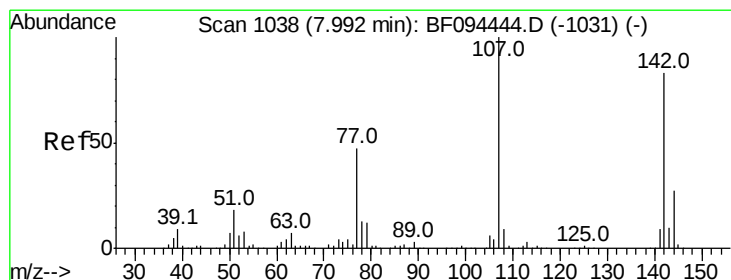
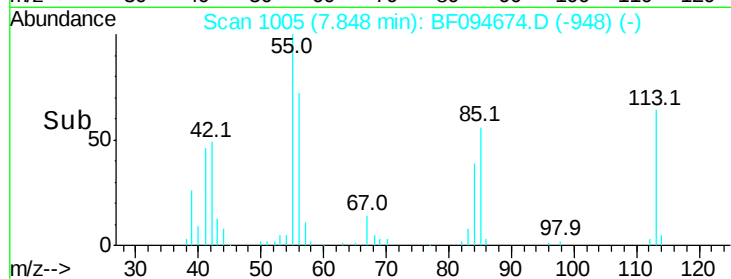
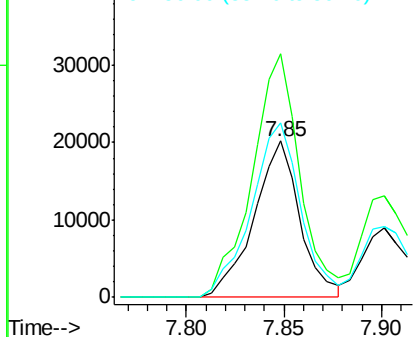
#35
Caprolactam
Concen: 16.22 ng
RT: 7.85 min Scan# 1005
Delta R.T. 0.03 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 32935
Ion Ratio Lower Upper
113 100
55 155.8 150.2 190.2
56 112.0 107.8 147.8

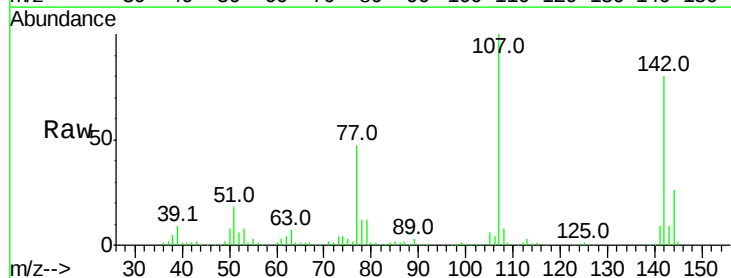


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

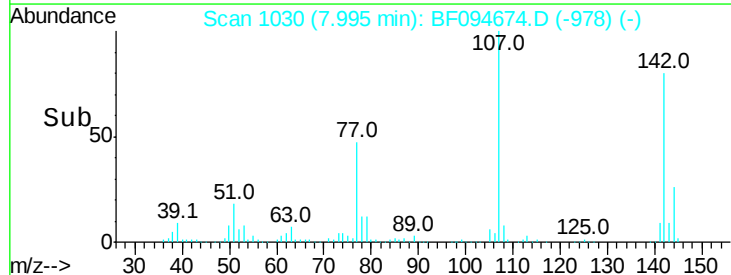
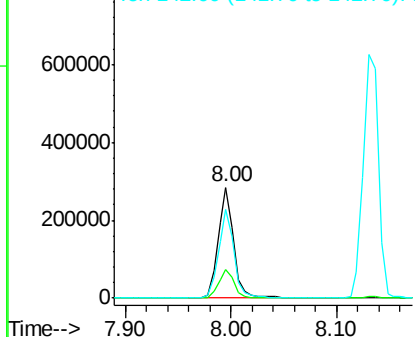


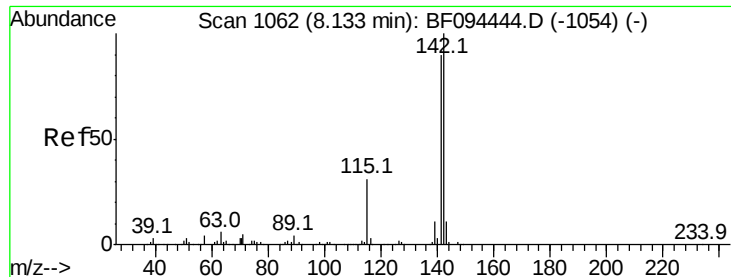
#36
4-Chloro-3-methylphenol
Concen: 43.98 ng
RT: 8.00 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion:107 Resp: 297853
Ion Ratio Lower Upper
107 100
144 25.9 24.2 36.4
142 80.4 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

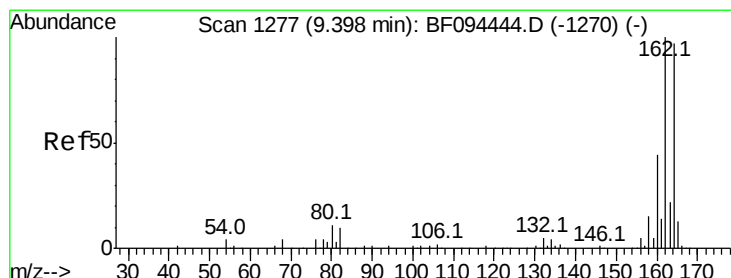
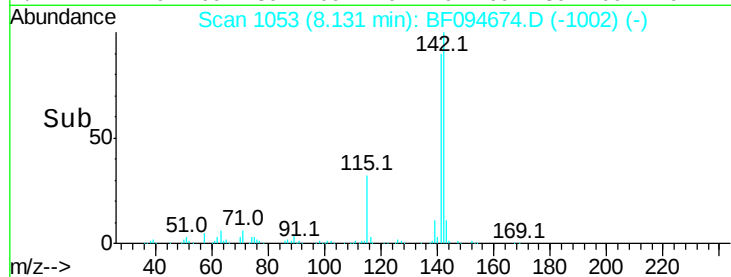
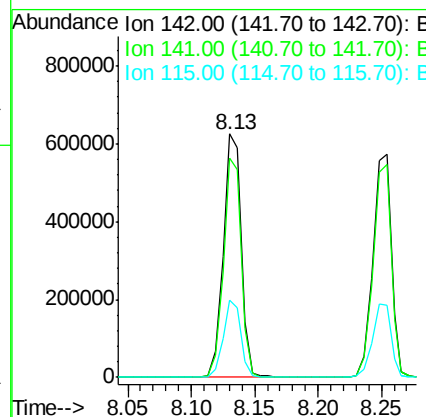
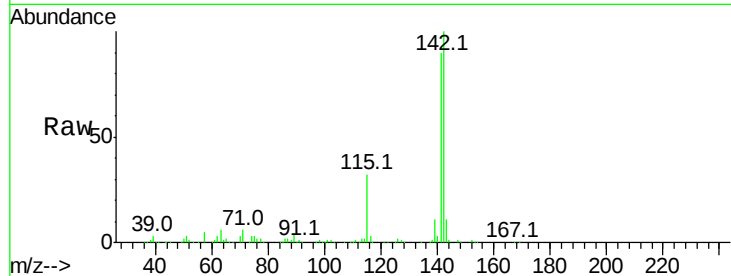




#37
 2-Methylnaphthalene
 Concen: 40.49 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

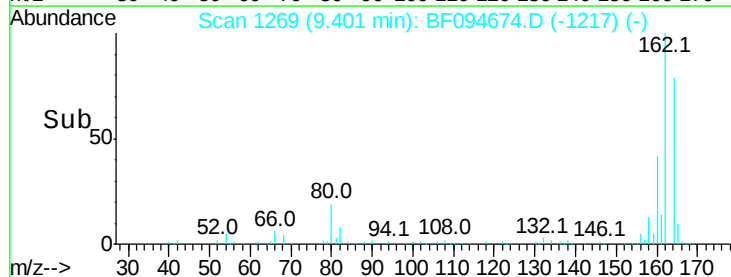
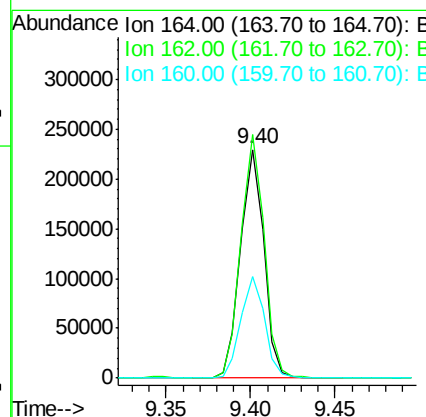
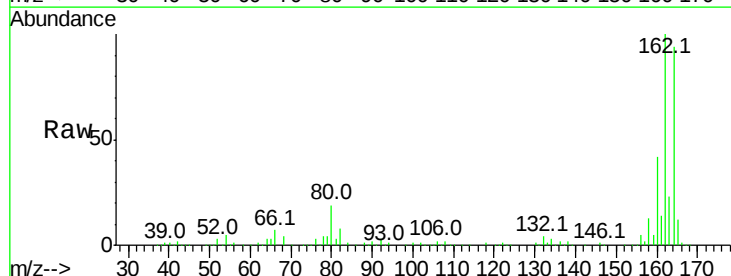
Instrument :
 BNA_F
 ClientSampleId :

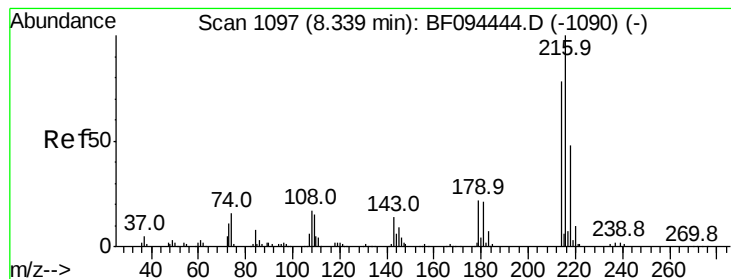
Tot Ion:142 Resp: 621610
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.3 106.9
 115 31.6 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion:164 Resp: 220812
 Ion Ratio Lower Upper
 164 100
 162 106.6 82.6 123.8
 160 44.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.50 ng

RT: 8.34 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 248382

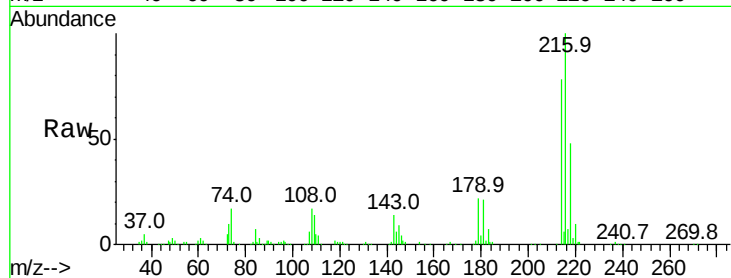
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.1 17.9 26.9

108 20.8 16.5 24.7

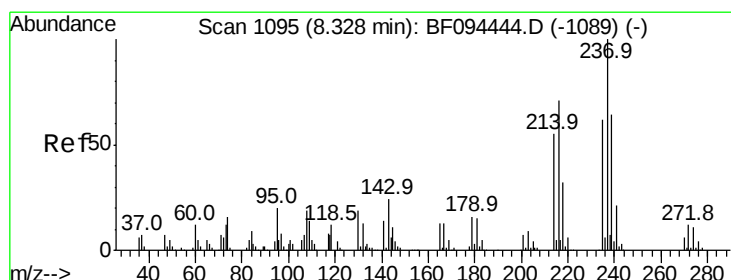
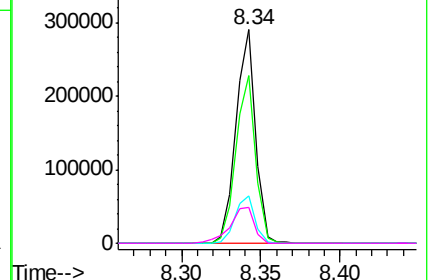
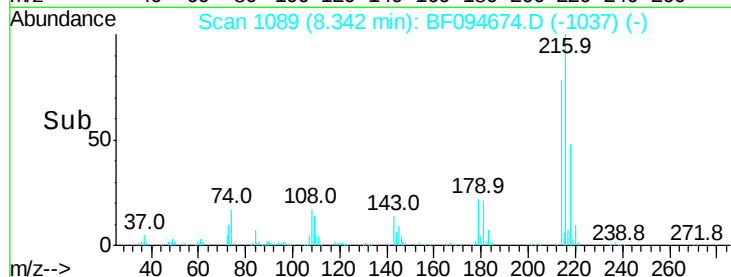


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.68 ng

RT: 8.32 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

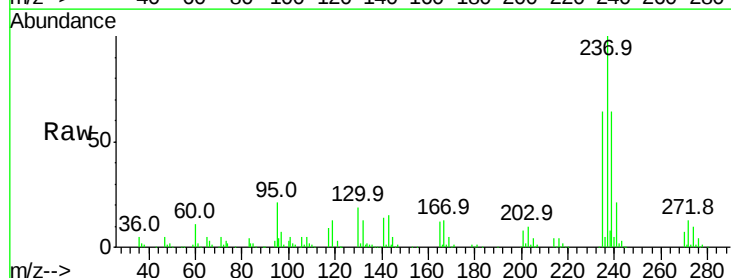
Tgt Ion:237 Resp: 179780

Ion Ratio Lower Upper

237 100

235 64.1 42.6 82.6

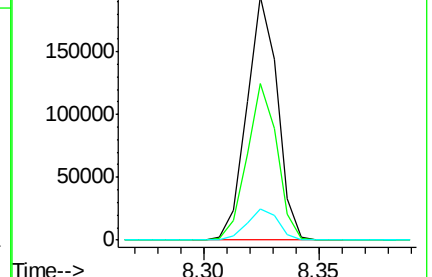
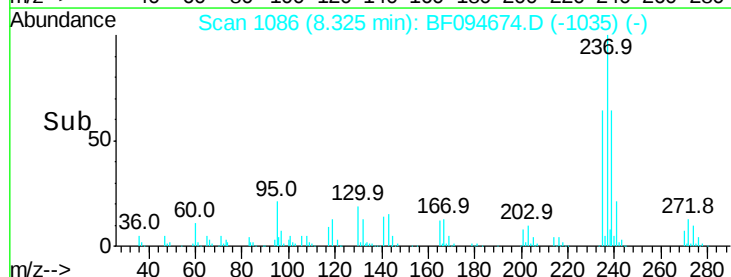
272 12.7 0.0 31.9

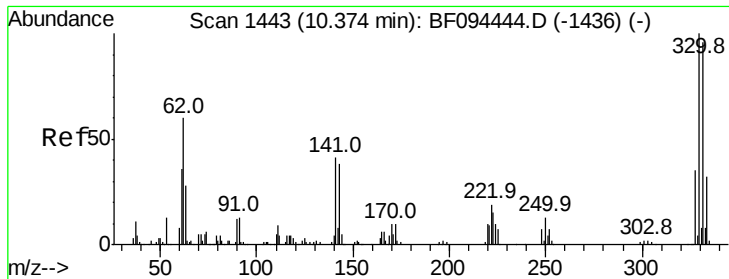


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

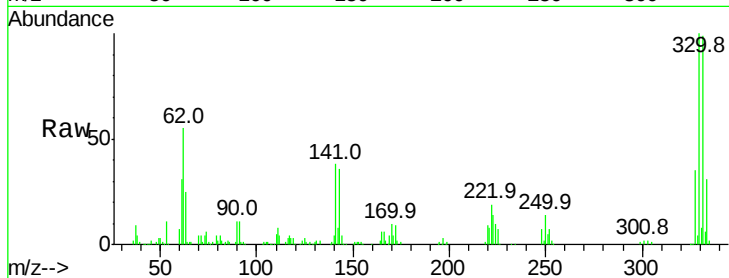




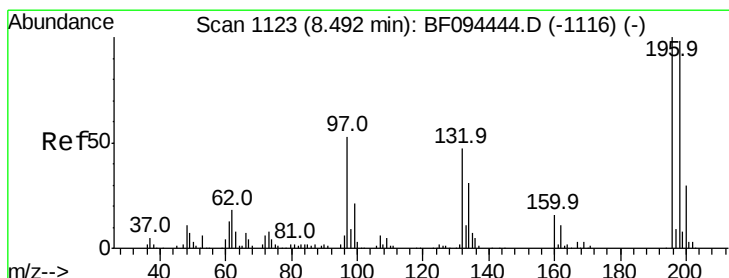
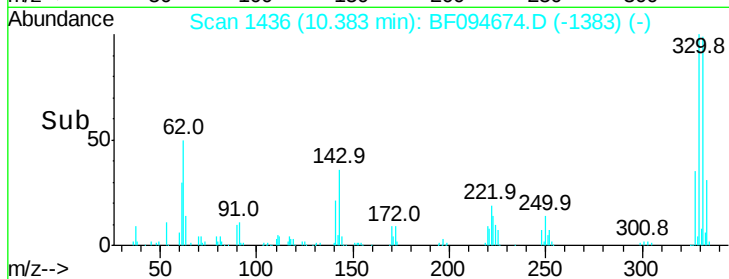
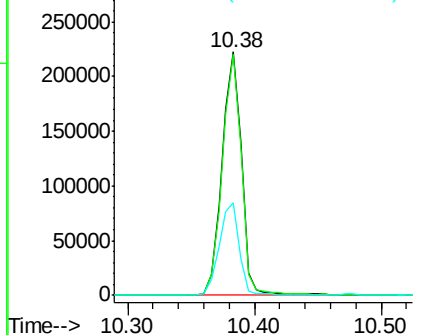
#41
 2,4,6-Tribromophenol
 Concen: 138.32 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	39.3	31.4	47.2

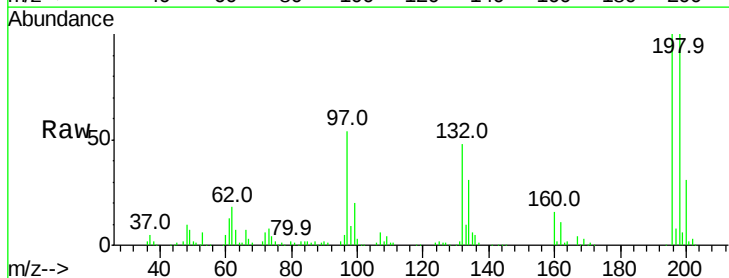


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

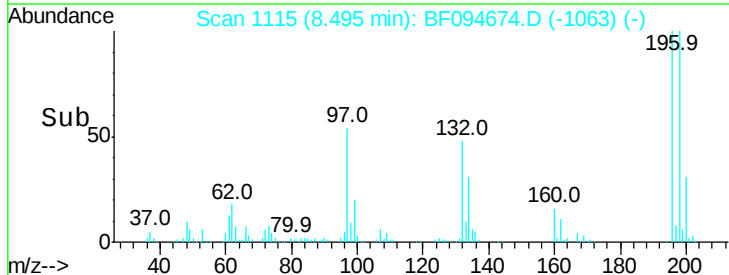
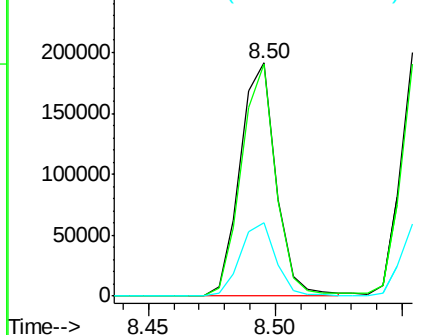


#42
 2,4,6-Trichlorophenol
 Concen: 42.77 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	74.2	111.4
200	31.3	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

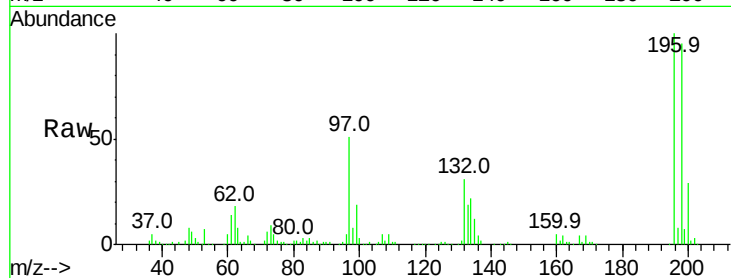




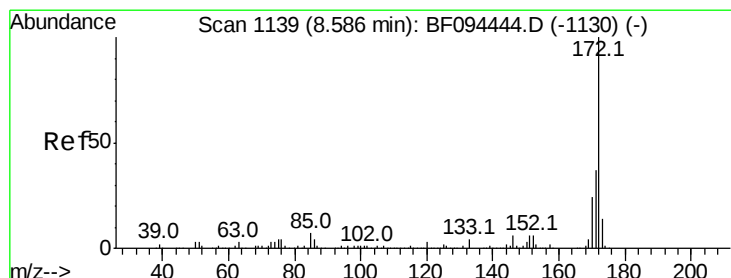
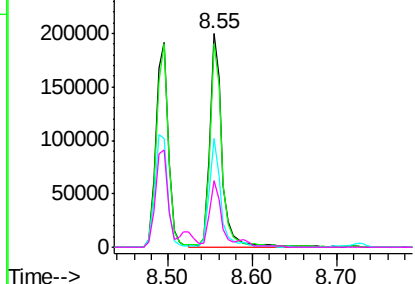
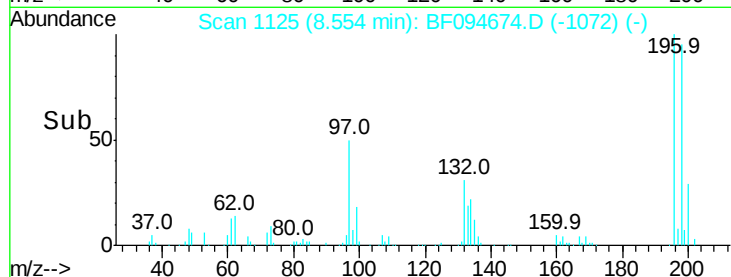
#43
 2,4,5-Trichlorophenol
 Concen: 44.77 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 203000
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 97 50.7 47.7 71.5
 132 31.5 28.0 42.0

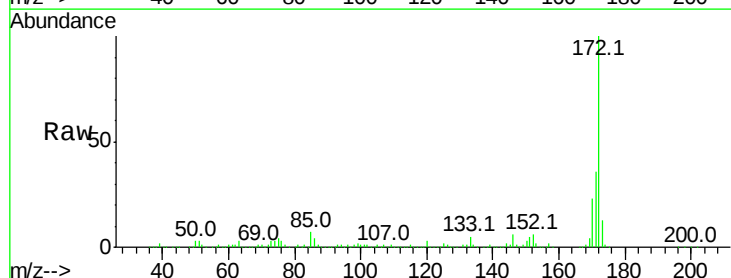


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

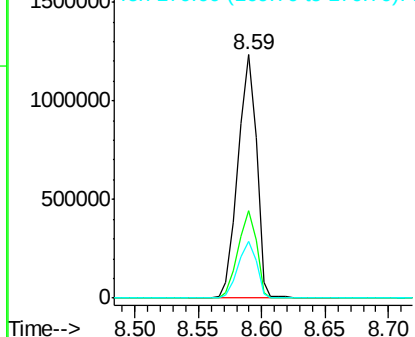
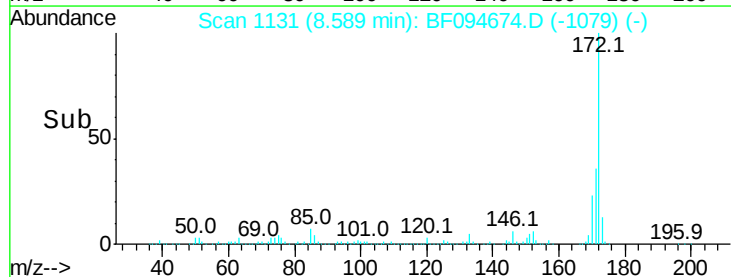


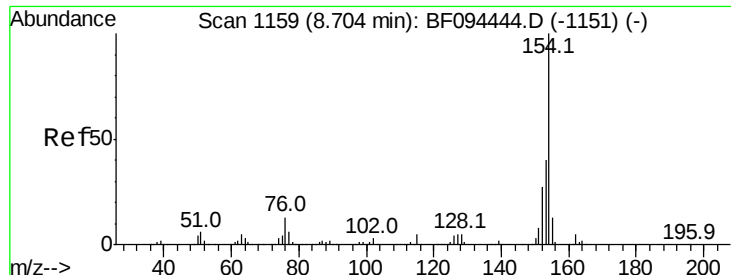
#44
 2-Fluorobiphenyl
 Concen: 83.03 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion:172 Resp: 1246075
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.5 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 41.05 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

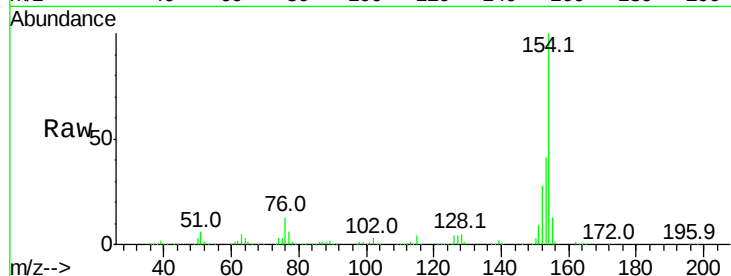
Tot Ion:154 Resp: 740657

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

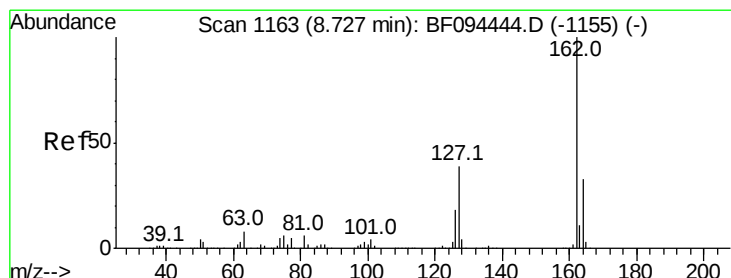
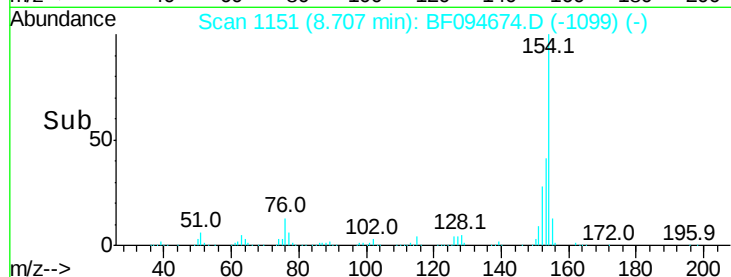
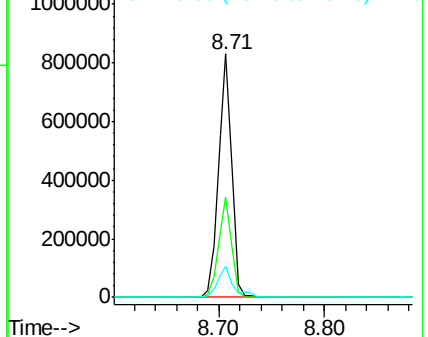
76 12.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.95 ng

RT: 8.72 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

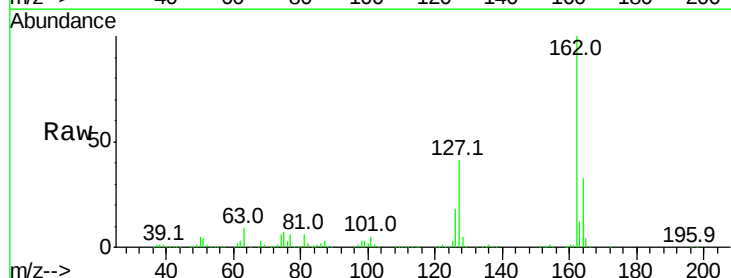
Tgt Ion:162 Resp: 587379

Ion Ratio Lower Upper

162 100

127 41.3 28.3 42.5

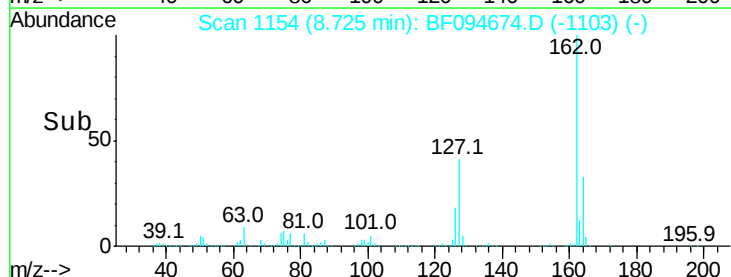
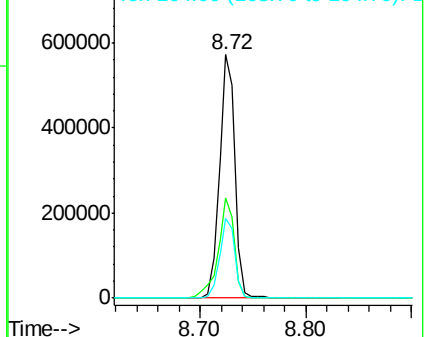
164 32.7 27.0 40.4

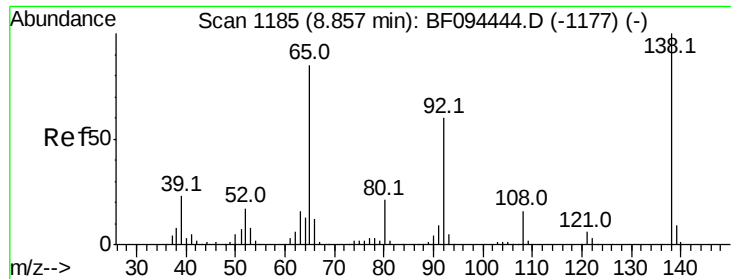


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

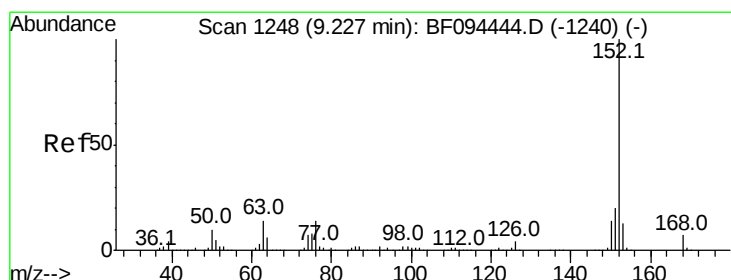
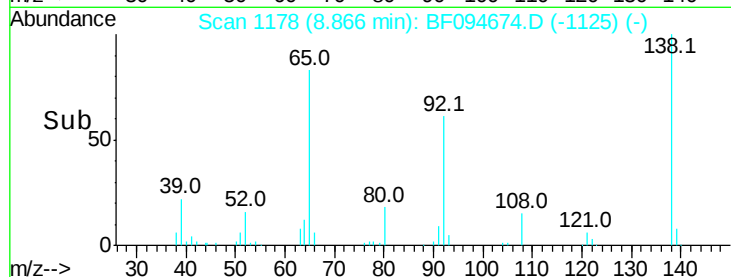
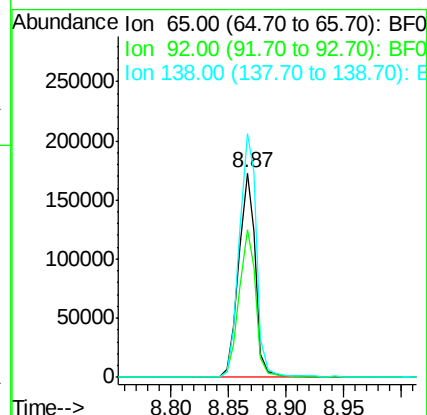
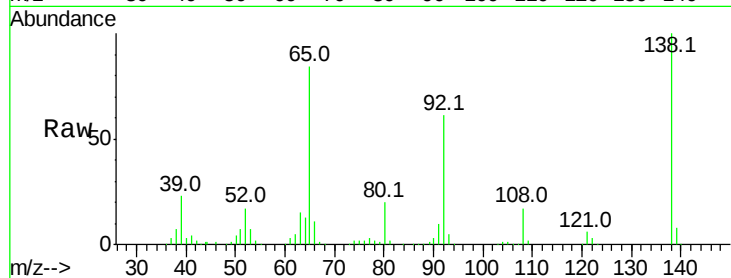




#47
 2-Nitroaniline
 Concen: 41.99 ng
 RT: 8.87 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

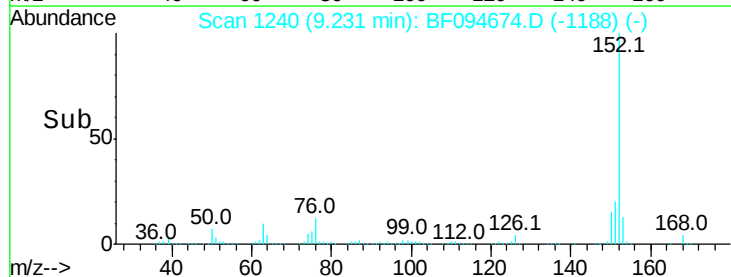
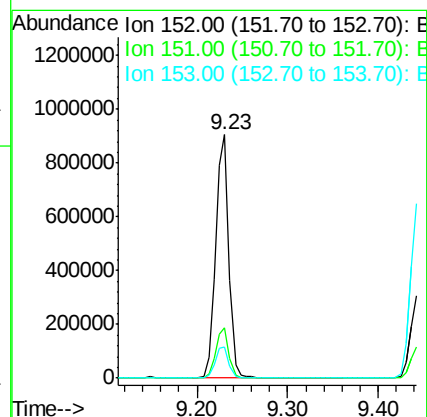
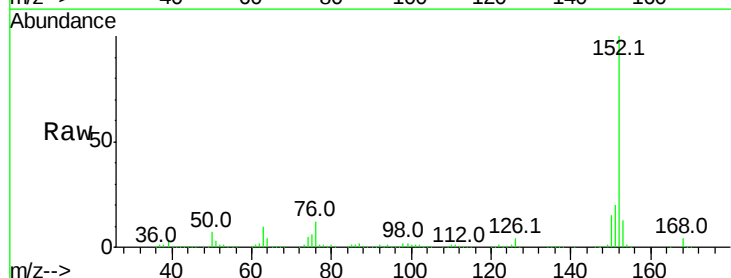
Instrument :
 BNA_F
 ClientSampleId :

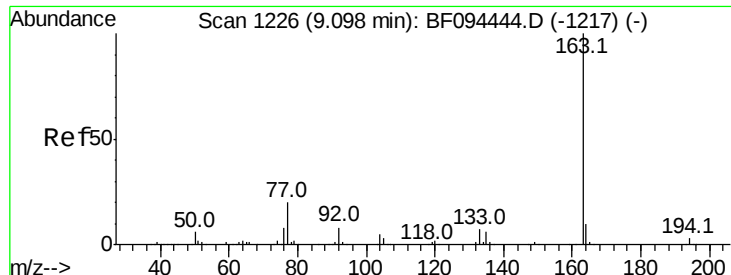
Tot Ion: 65 Resp: 173291
 Ion Ratio Lower Upper
 65 100
 92 72.5 53.9 80.9
 138 119.2 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.11 ng
 RT: 9.23 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion:152 Resp: 919228
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 44.90 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

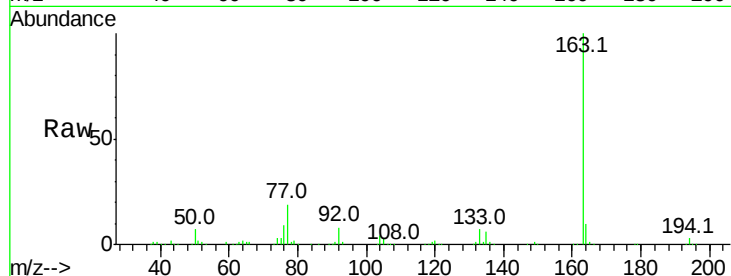
Tot Ion:163 Resp: 738854

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

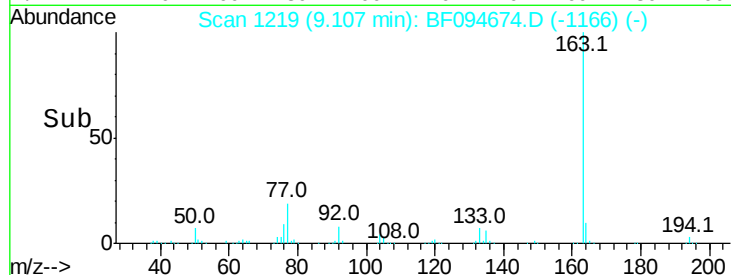
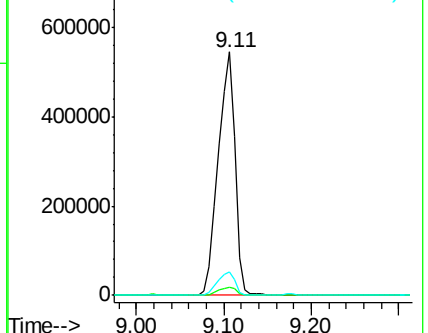
164 9.9 8.4 12.6



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: 44.23 ng

RT: 9.17 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

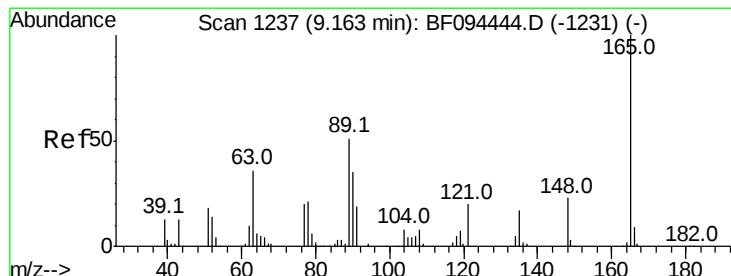
Tgt Ion:165 Resp: 163385

Ion Ratio Lower Upper

165 100

63 51.3 34.3 51.5

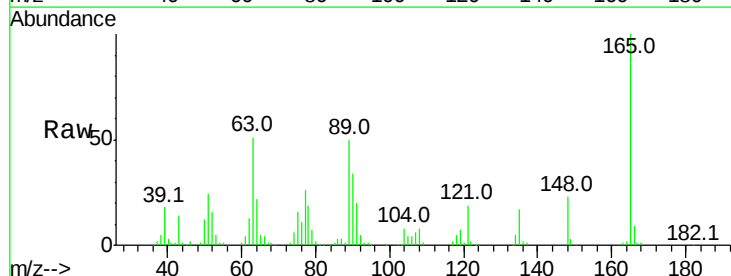
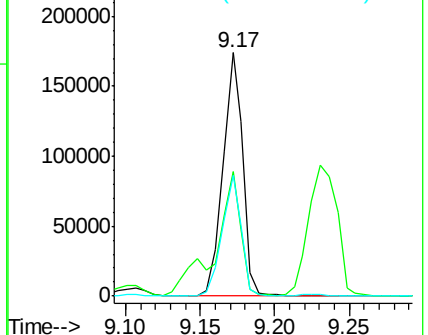
89 49.6 37.1 55.7

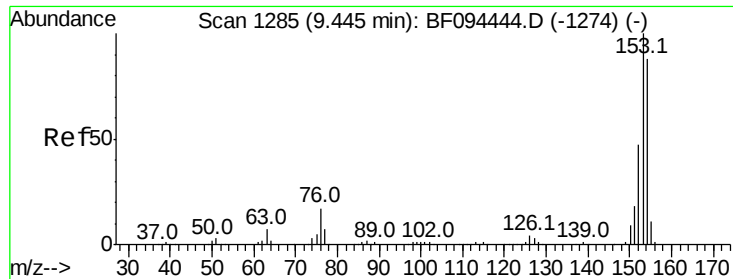


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.67 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

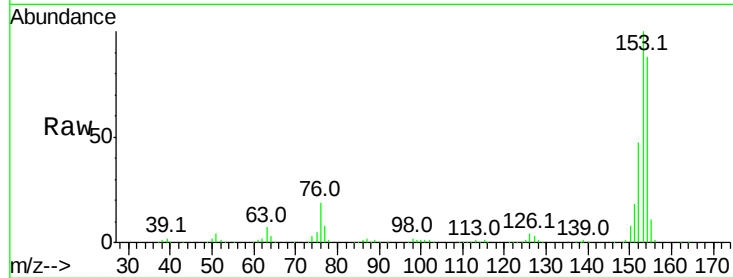
Tot Ion:154 Resp: 558127

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

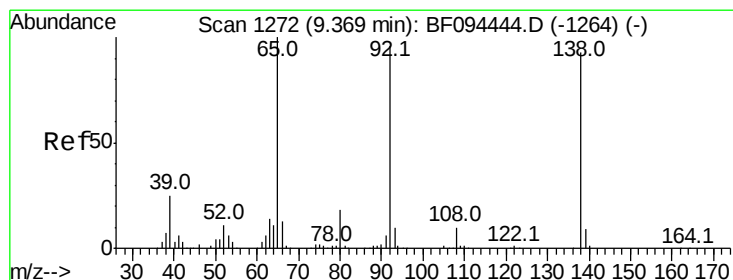
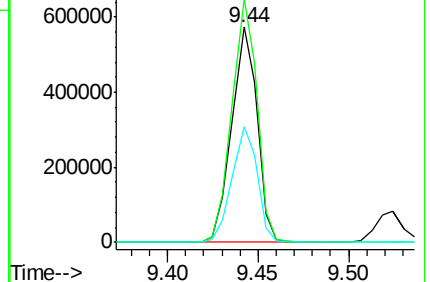
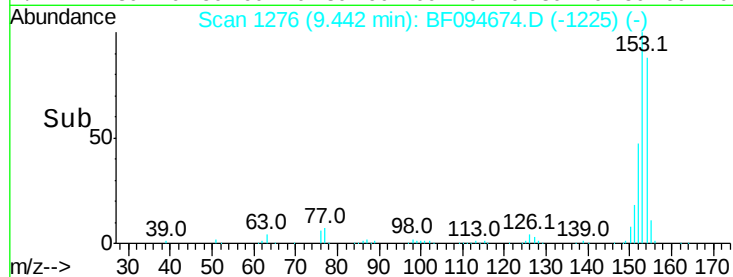
152 53.5 43.6 65.4



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: 16.70 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

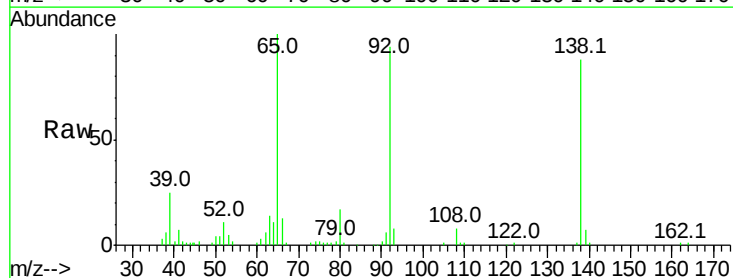
Tgt Ion:138 Resp: 71384

Ion Ratio Lower Upper

138 100

108 9.5 9.1 13.7

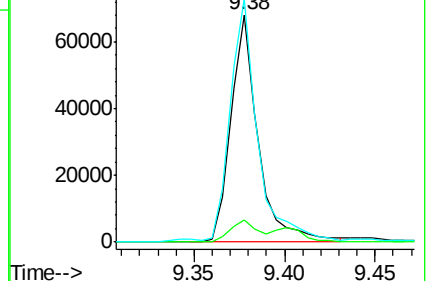
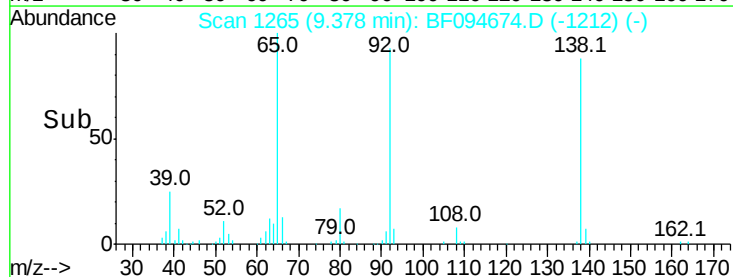
92 107.1 93.8 140.6

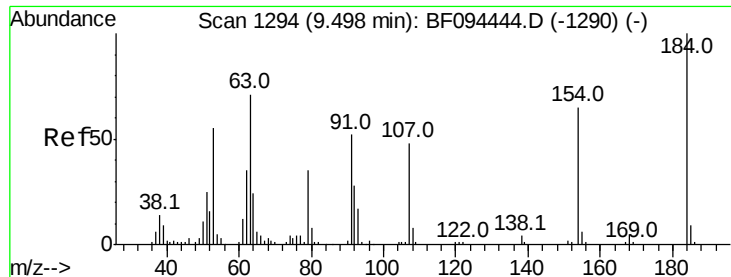


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

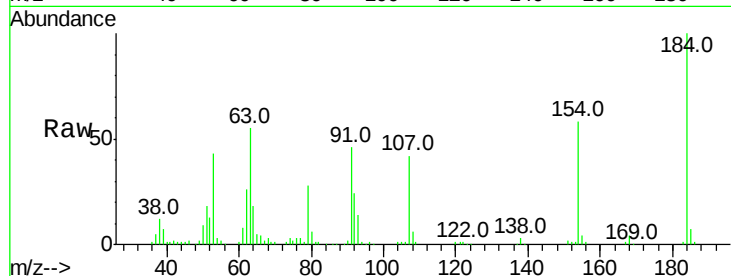




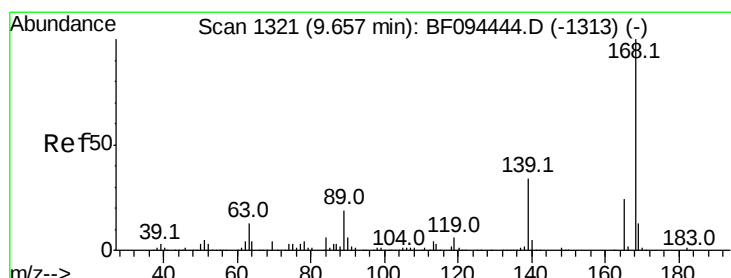
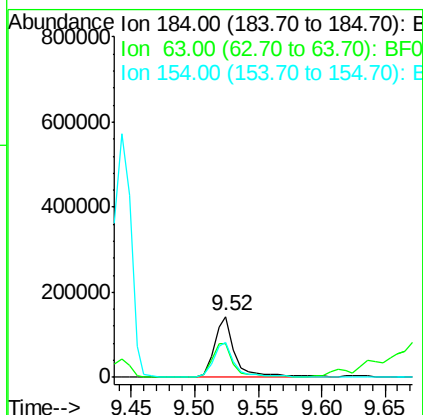
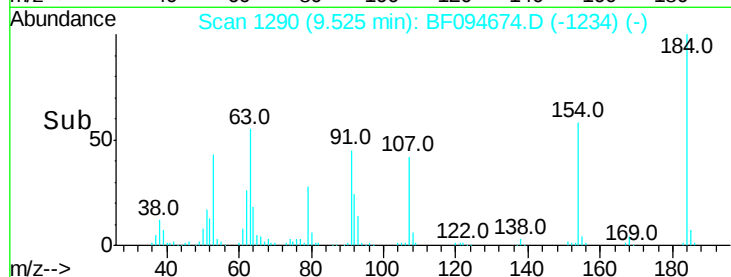
#53
 2,4-Dinitrophenol
 Concen: 82.82 ng
 RT: 9.52 min Scan# 1290
 Delta R.T. 0.03 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 166430
 Ion Ratio Lower Upper
 184 100
 63 55.2 62.7 94.1#
 154 58.2 81.1 121.7#

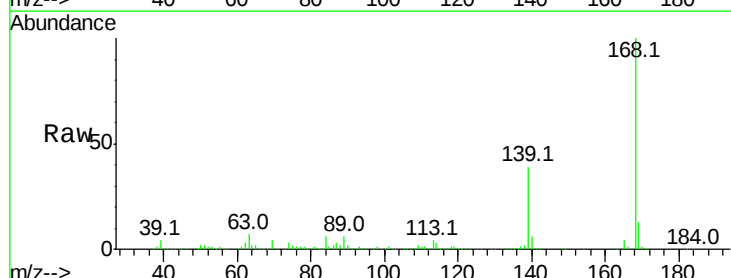


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

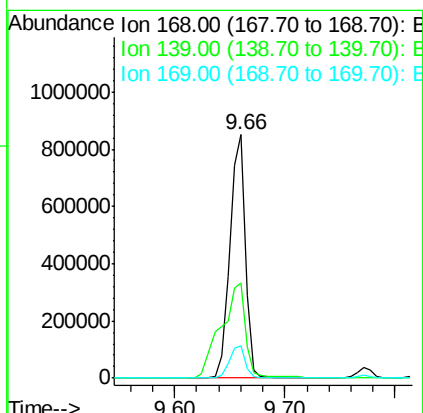
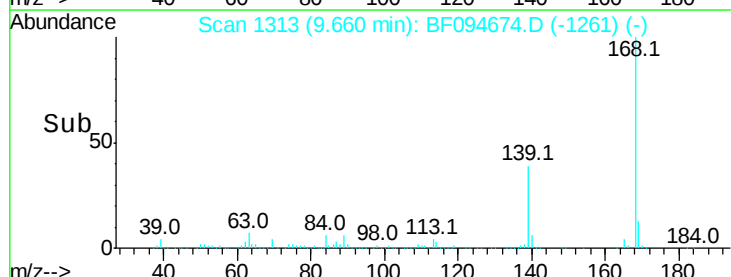


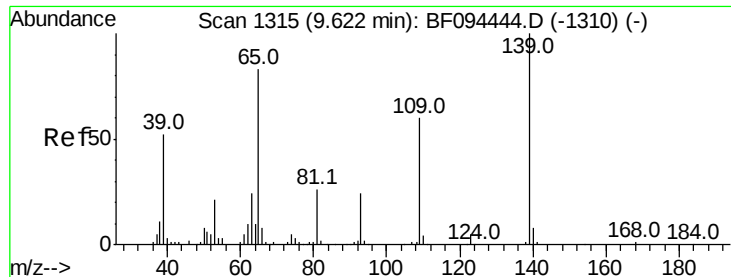
#54
 Dibenzofuran
 Concen: 43.05 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion:168 Resp: 837984
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.6 45.8
 169 13.1 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

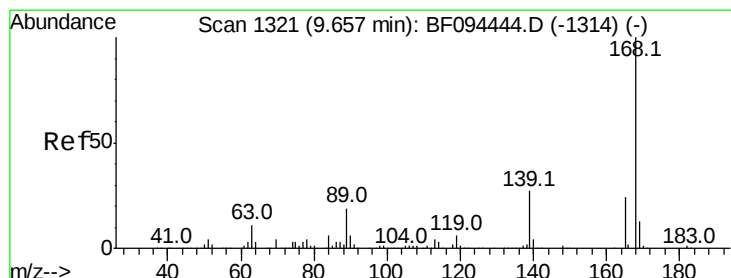
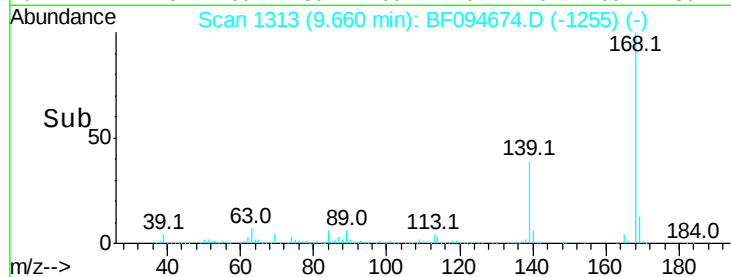
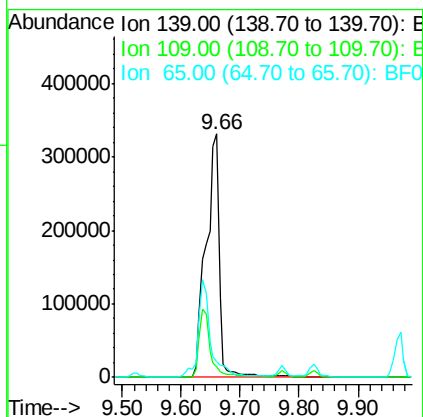
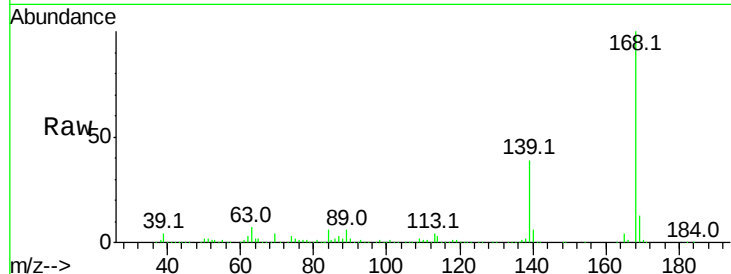




#55
4-Nitrophenol
Concen: 174.45 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.04 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

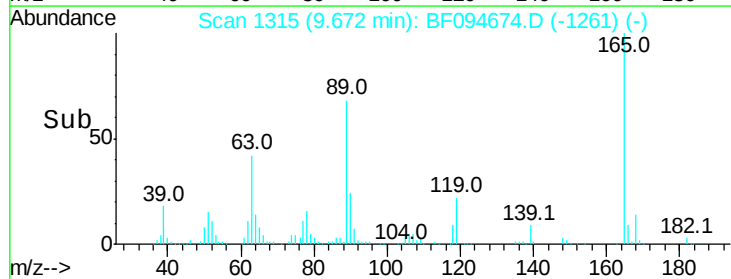
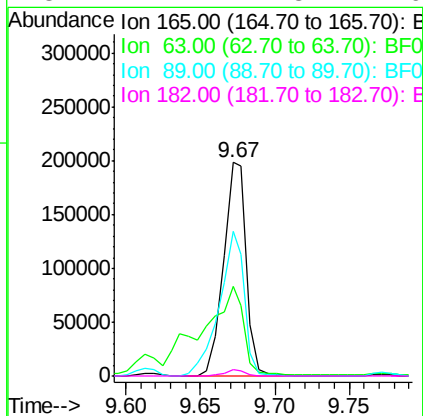
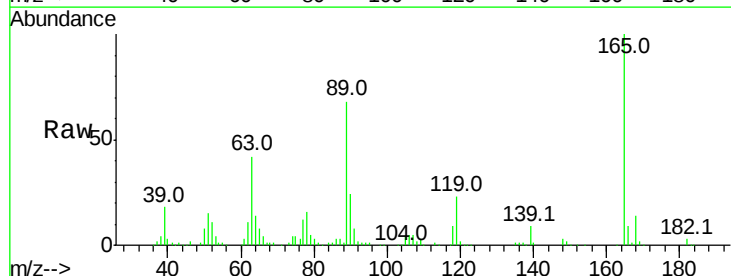
Instrument :
BNA_F
ClientSampleId :

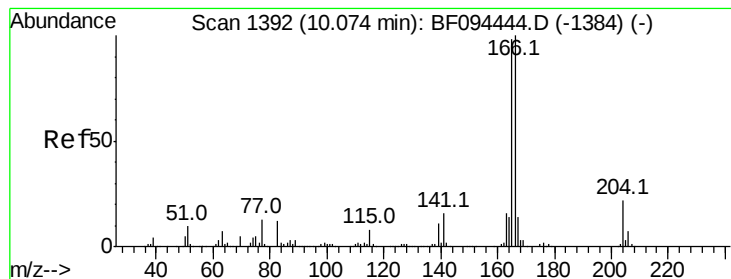
Tot Ion:139 Resp: 526673
Ion Ratio Lower Upper
139 100
109 4.1 34.1 74.1#
65 6.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 47.25 ng
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion:165 Resp: 214152
Ion Ratio Lower Upper
165 100
63 41.9 25.4 38.0#
89 67.7 46.4 69.6
182 2.7 1.8 2.6#





#57

Fluorene

Concen: 42.87 ng

RT: 10.08 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

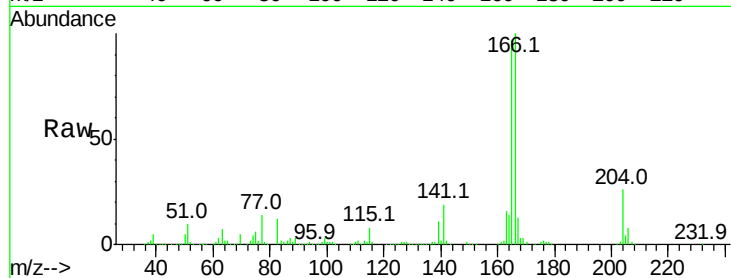
Tot Ion:166 Resp: 649875

Ion Ratio Lower Upper

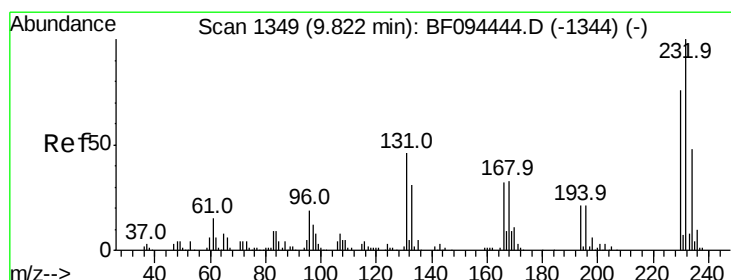
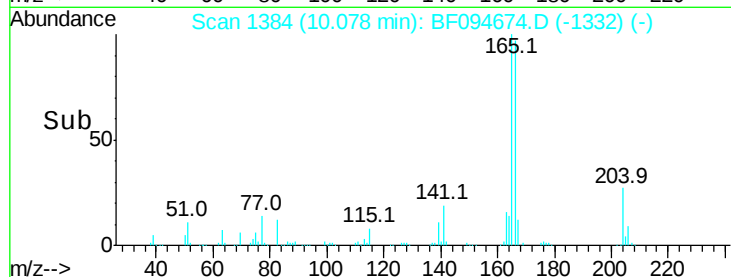
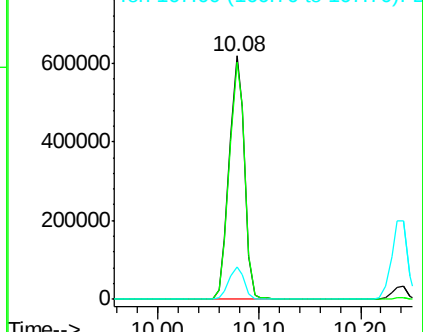
166 100

165 97.4 78.8 118.2

167 13.4 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: 46.07 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Tgt Ion:232 Resp: 149746

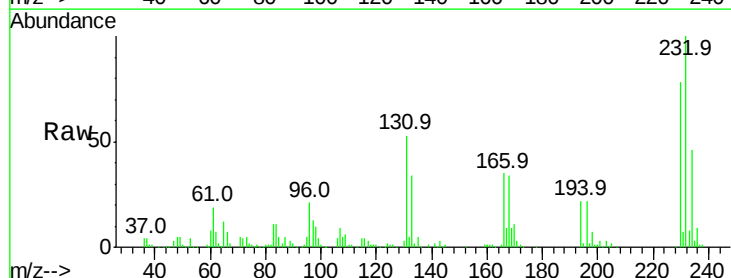
Ion Ratio Lower Upper

232 100

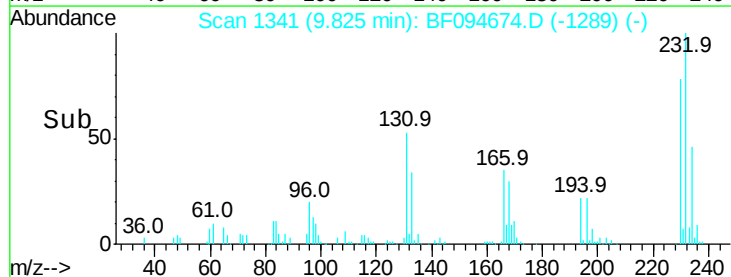
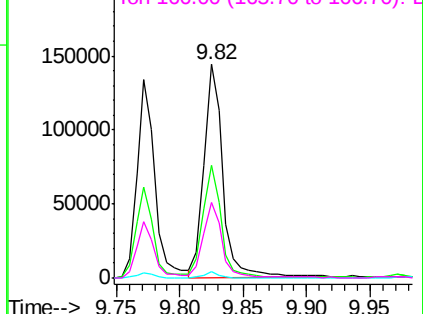
131 50.5 44.8 67.2

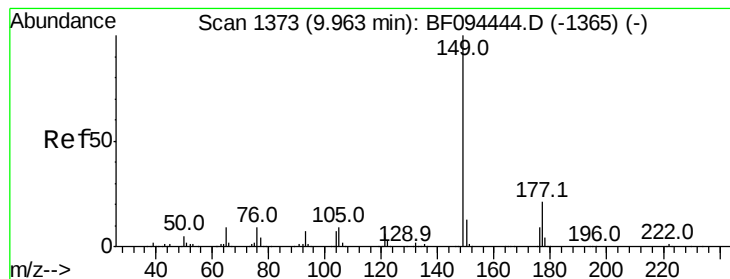
130 2.5 2.3 3.5

166 36.8 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: 44.17 ng

RT: 9.97 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

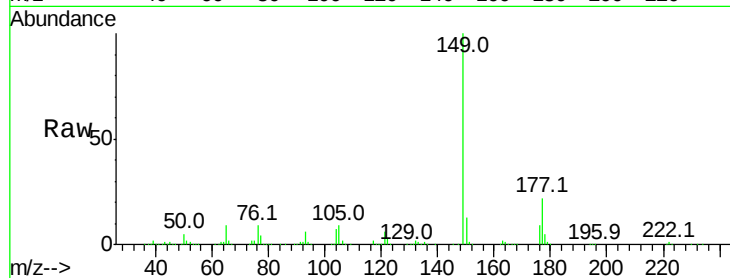
Tot Ion:149 Resp: 685778

Ion Ratio Lower Upper

149 100

177 21.7 16.7 25.1

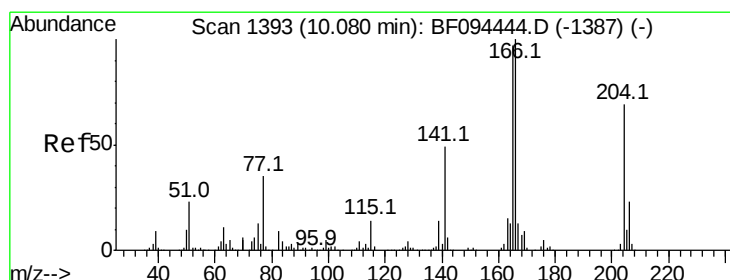
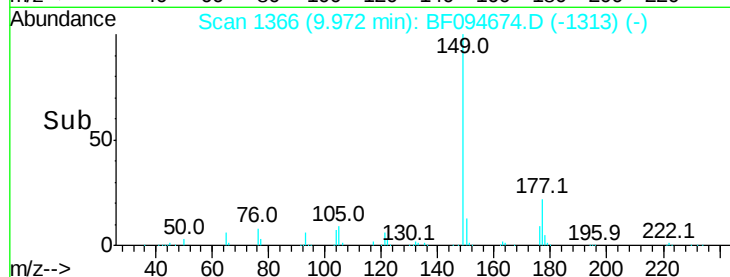
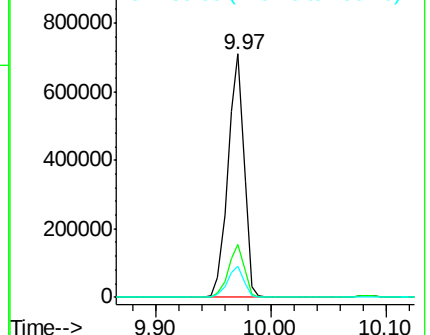
150 12.6 10.2 15.2



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: 44.35 ng

RT: 10.08 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

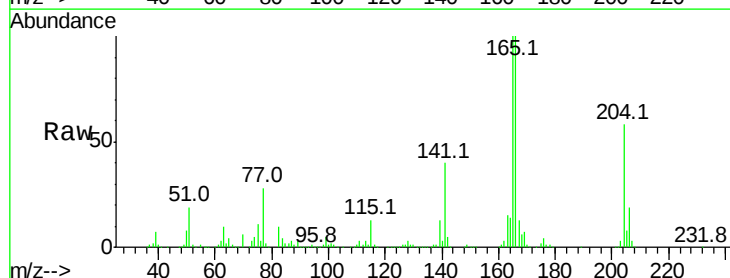
Tgt Ion:204 Resp: 279776

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

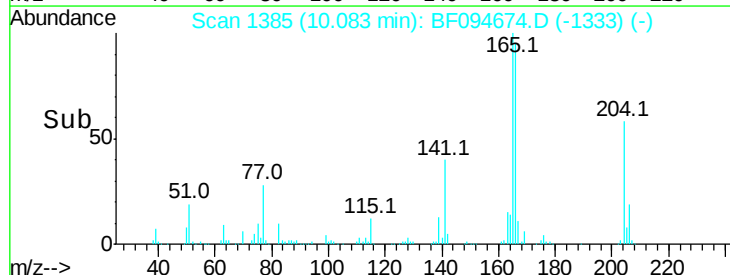
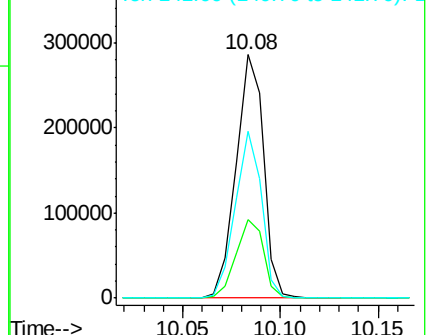
141 68.7 60.8 91.2

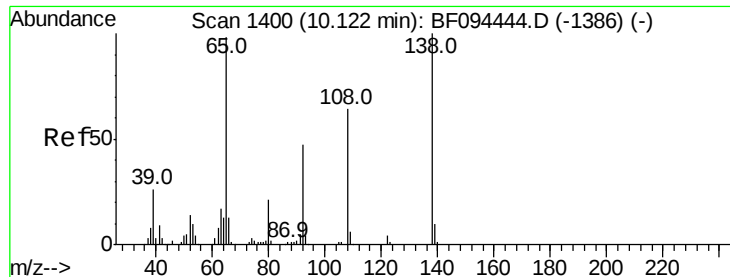


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

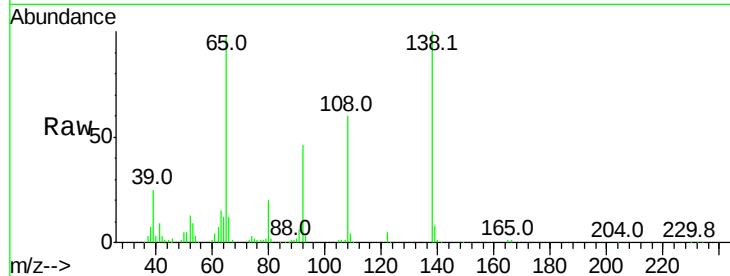




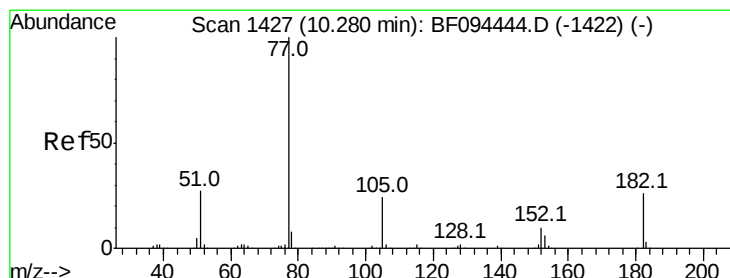
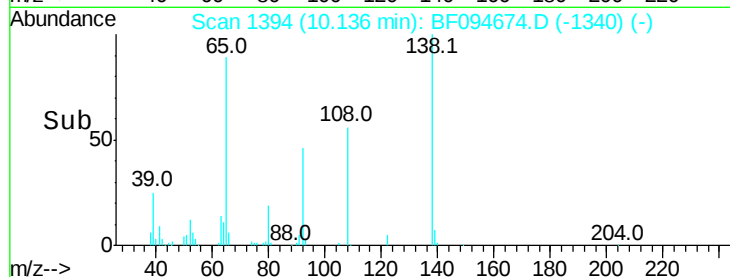
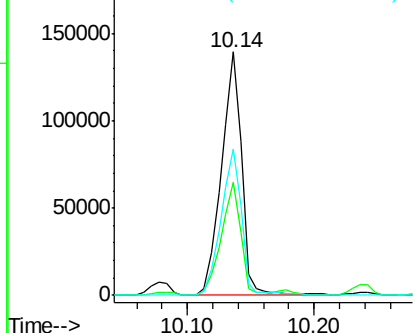
#61
4-Nitroaniline
Concen: 35.79 ng
RT: 10.14 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 155477
Ion Ratio Lower Upper
138 100
92 46.5 21.8 61.8
108 60.1 42.3 82.3

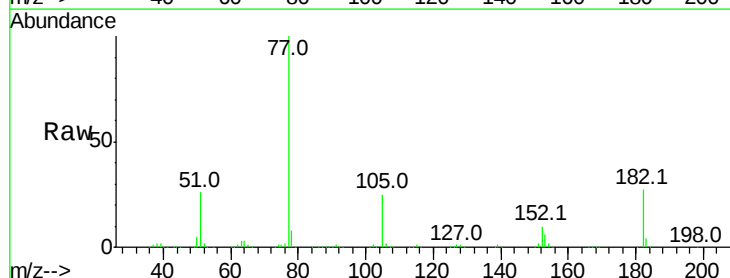


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

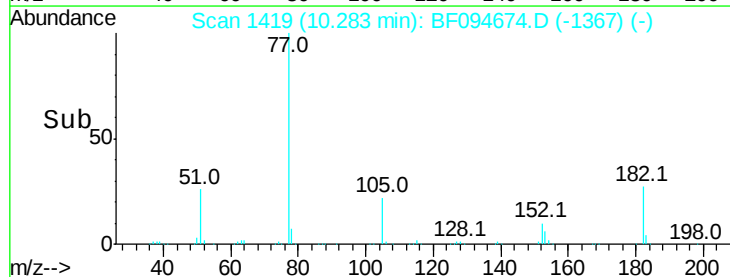
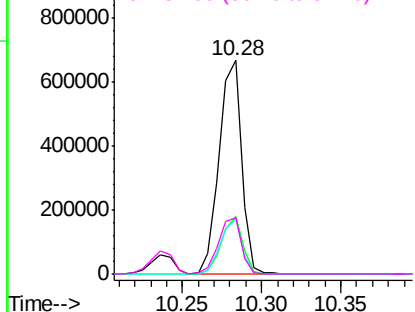


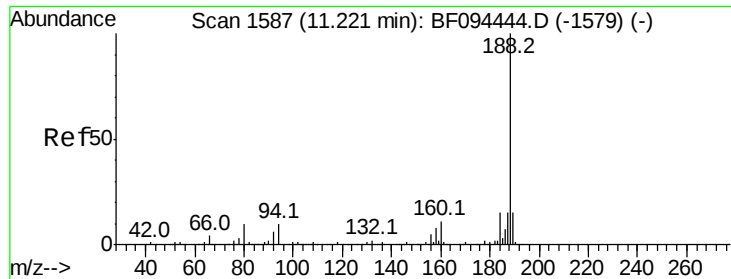
#62
Azobenzene
Concen: 43.28 ng
RT: 10.28 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion: 77 Resp: 652452
Ion Ratio Lower Upper
77 100
182 26.8 0.1 40.1
105 25.5 3.6 43.6
51 26.2 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

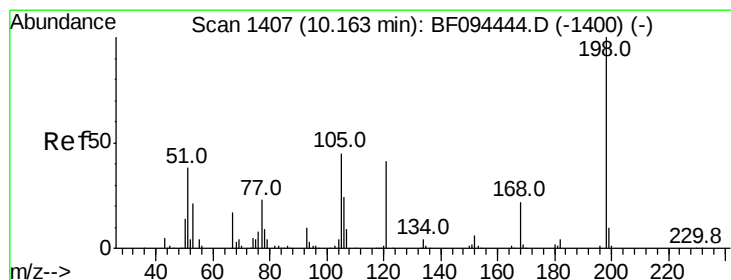
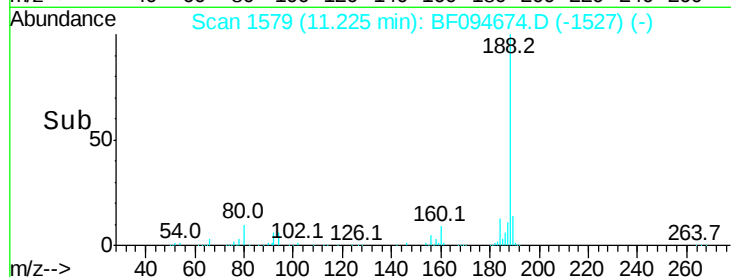
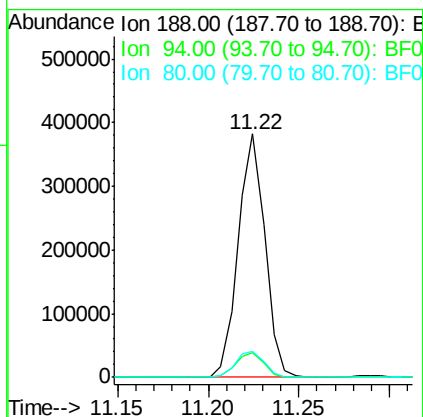
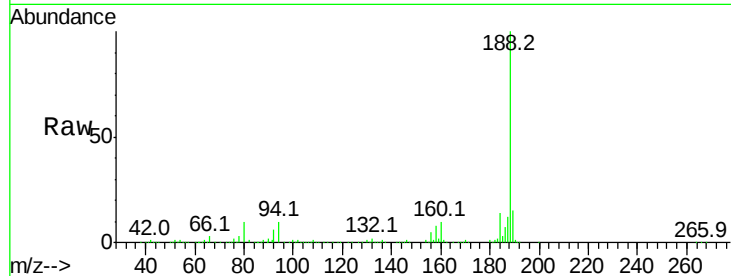




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

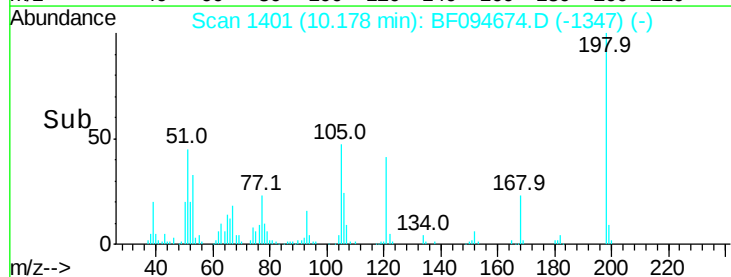
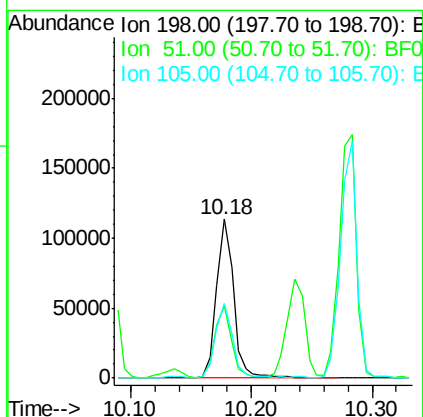
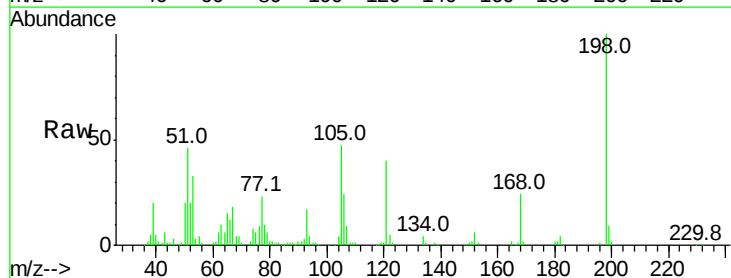
Instrument :
BNA_F
ClientSampled :

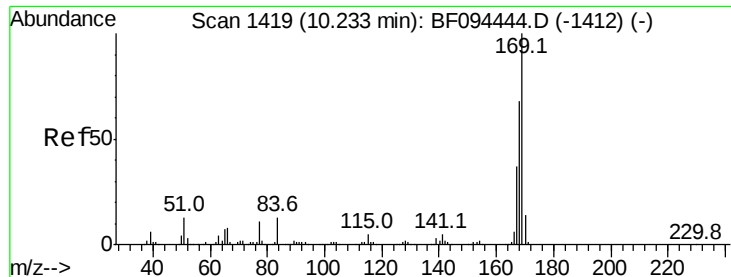
Tot Ion:188 Resp: 392994
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 43.17 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion:198 Resp: 111158
Ion Ratio Lower Upper
198 100
51 45.6 53.2 93.2#
105 46.9 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 42.82 ng

RT: 10.24 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

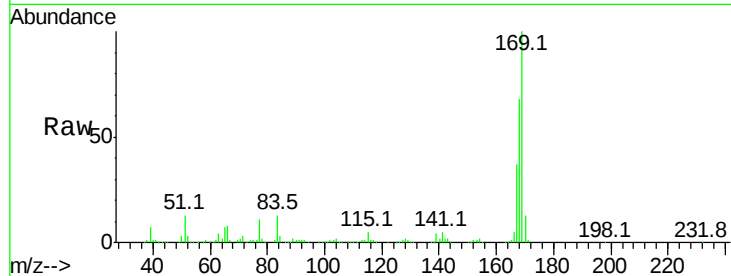
Tot Ion:169 Resp: 585208

Ion Ratio Lower Upper

169 100

168 67.6 53.2 79.8

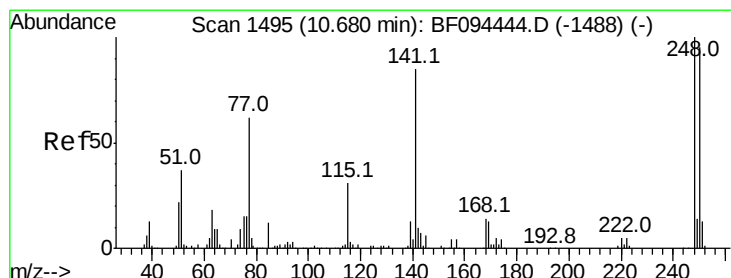
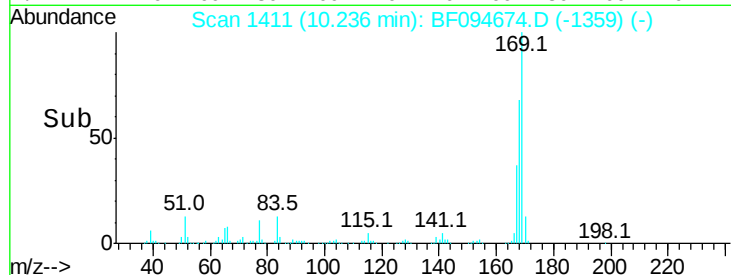
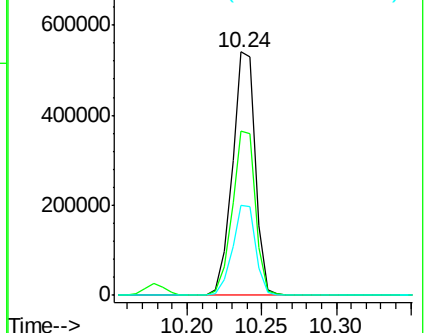
167 36.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.85 ng

RT: 10.68 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

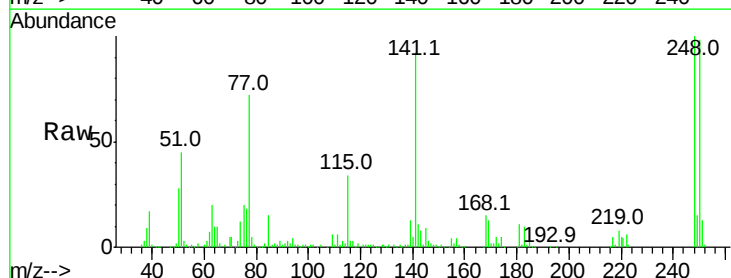
Tgt Ion:248 Resp: 167229

Ion Ratio Lower Upper

248 100

250 98.0 76.8 115.2

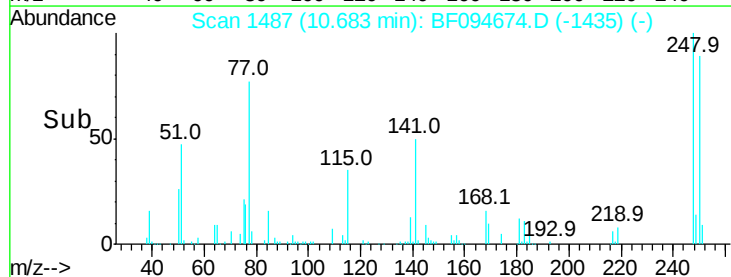
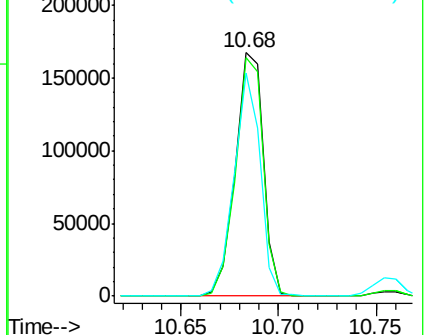
141 91.9 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

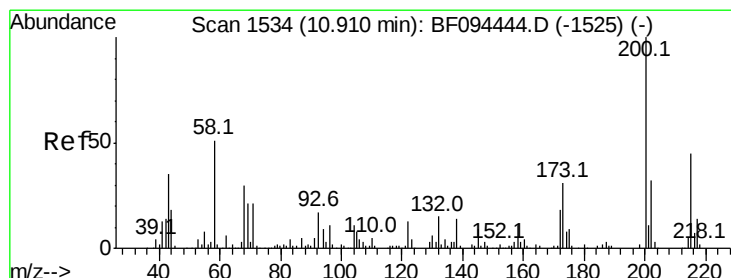
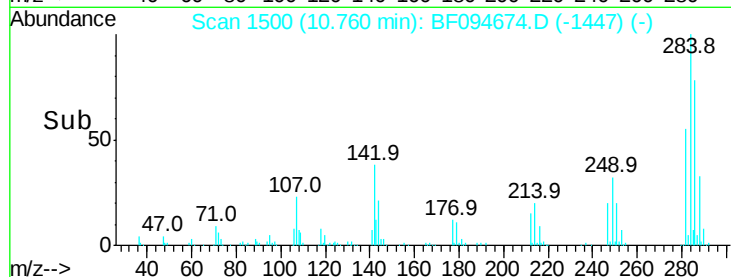
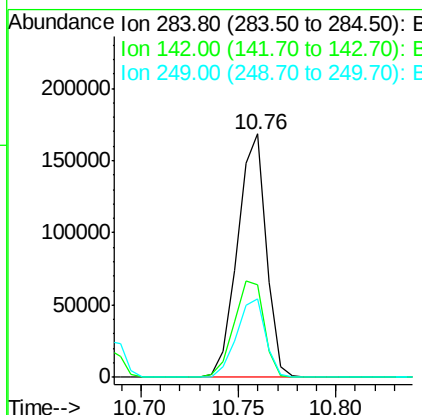
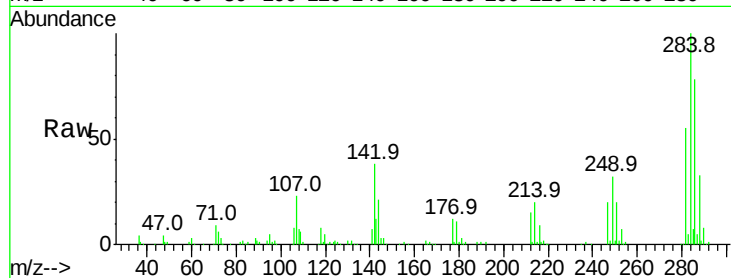




#67
Hexachlorobenzene
Concen: 43.60 ng
RT: 10.76 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

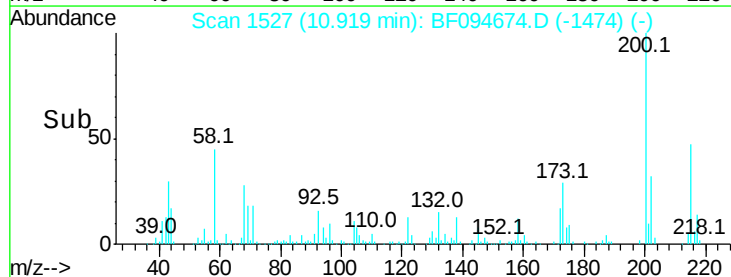
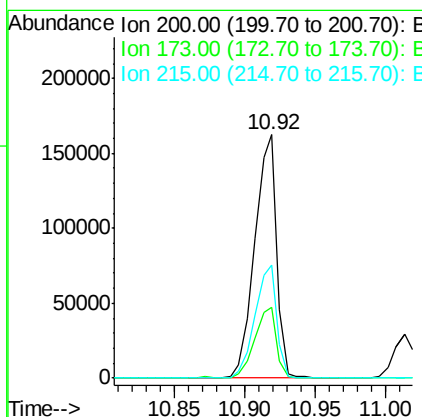
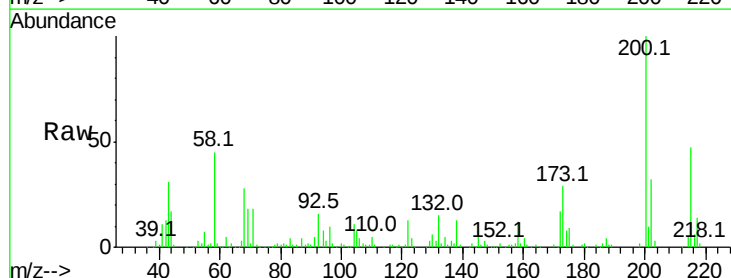
Instrument :
BNA_F
ClientSampled :

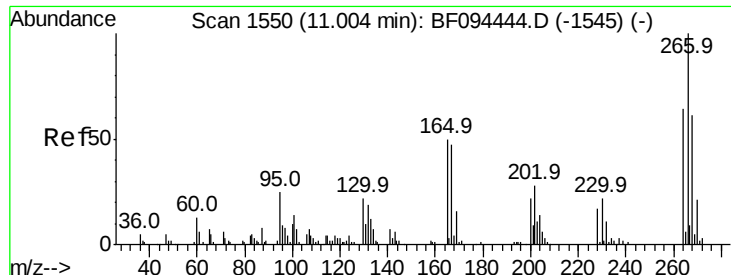
Tot Ion:284 Resp: 171457
Ion Ratio Lower Upper
284 100
142 37.8 22.8 34.2#
249 32.2 24.0 36.0



#68
Atrazine
Concen: 43.58 ng
RT: 10.92 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion:200 Resp: 178209
Ion Ratio Lower Upper
200 100
173 28.9 6.3 46.3
215 46.5 27.2 67.2

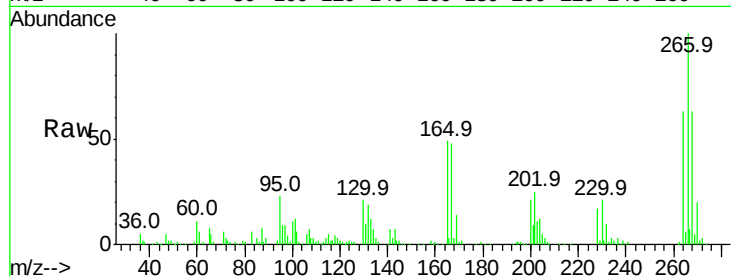




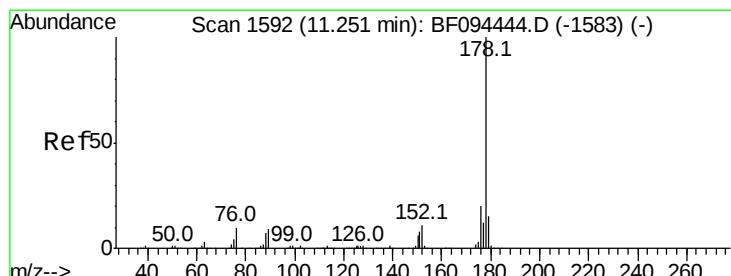
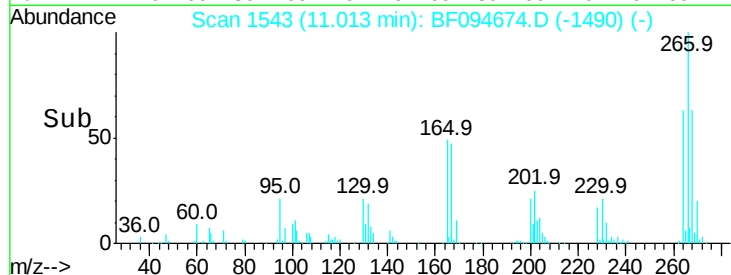
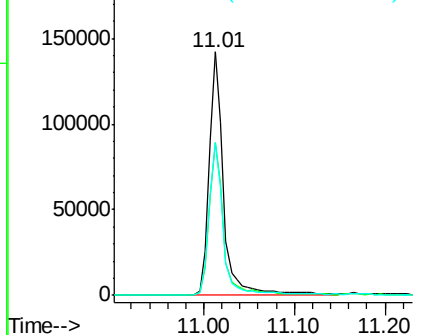
#69
 Pentachlorophenol
 Concen: 103.67 ng
 RT: 11.01 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 161881
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 62.9 51.7 77.5

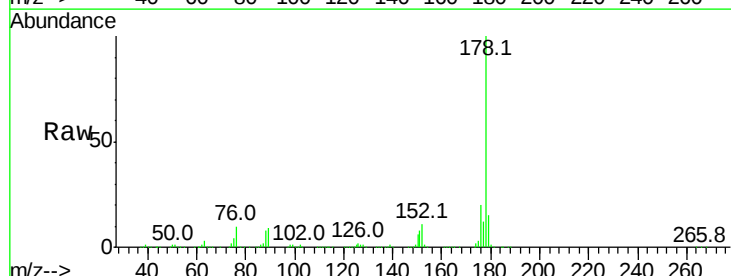


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

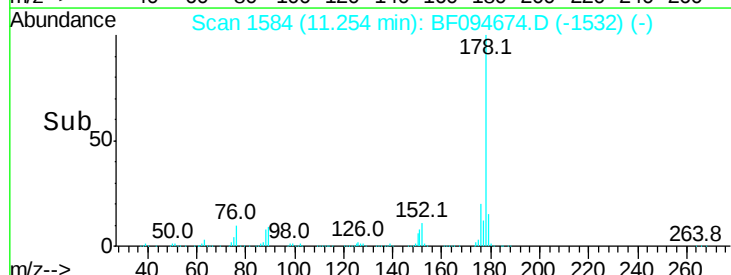
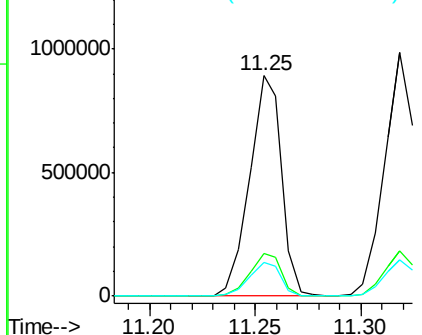


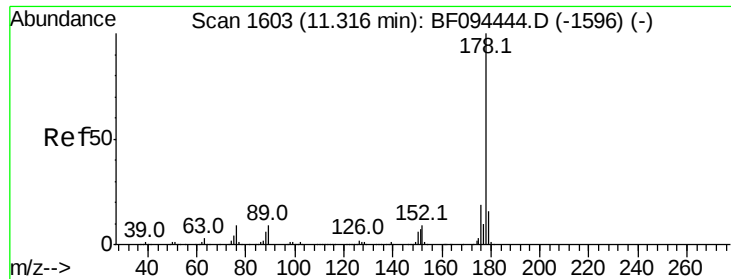
#70
 Phenanthrene
 Concen: 42.33 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion:178 Resp: 936712
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.4 12.6 19.0



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

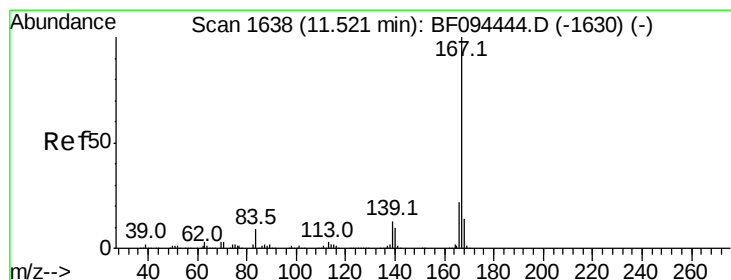
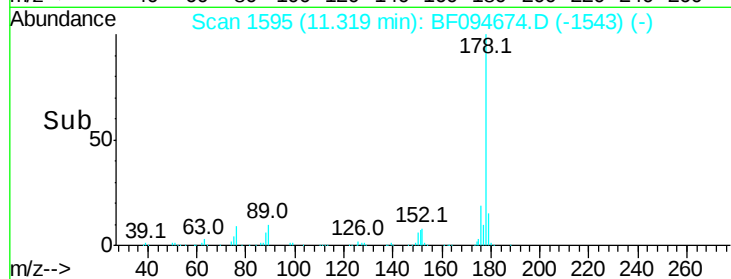
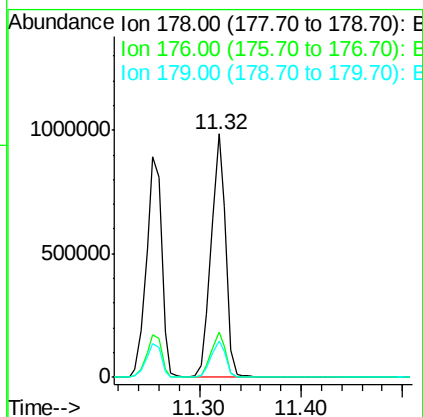
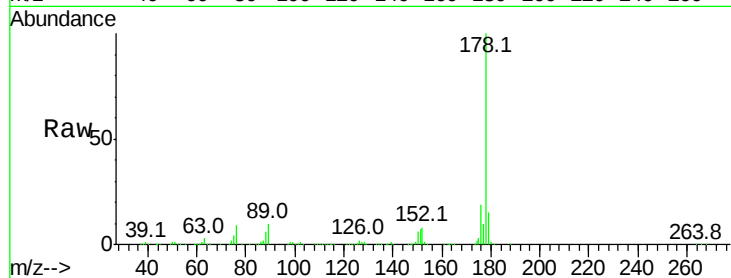




#71
 Anthracene
 Concen: 42.78 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

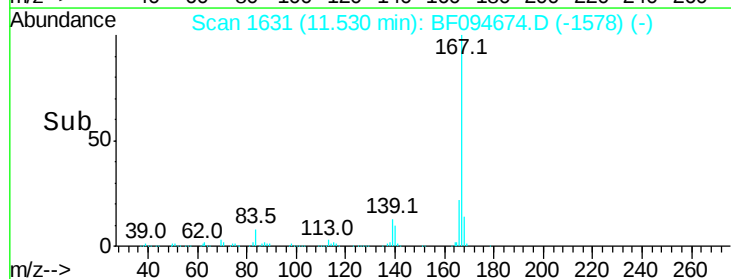
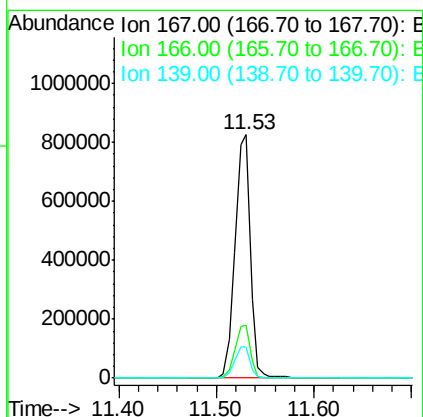
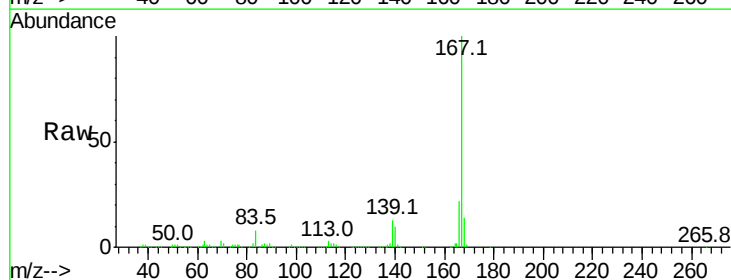
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 979254
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 41.83 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion:167 Resp: 898812
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.9 11.7 17.5

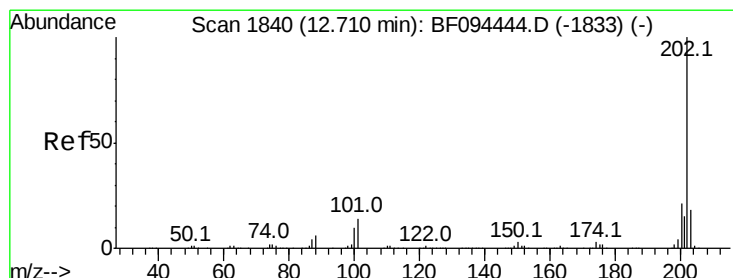
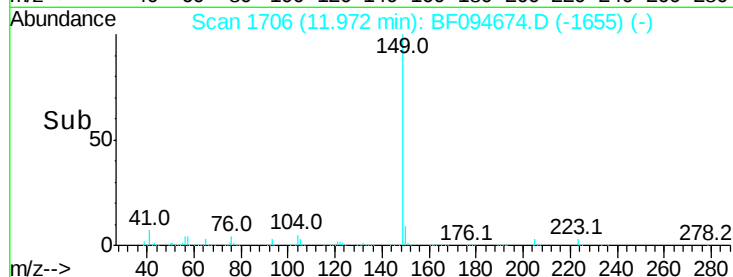
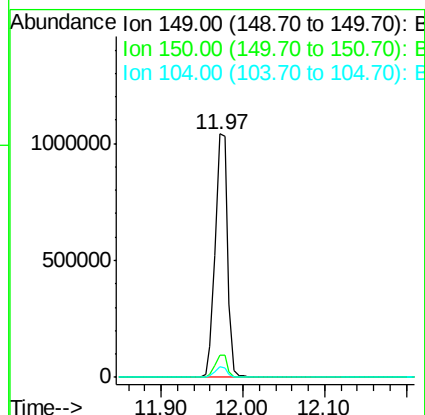
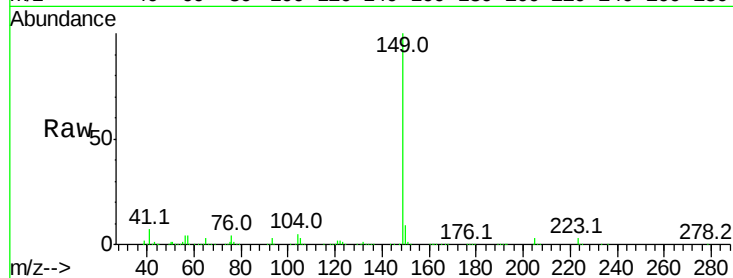




#73
Di-n-butylphthalate
Concen: 46.77 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

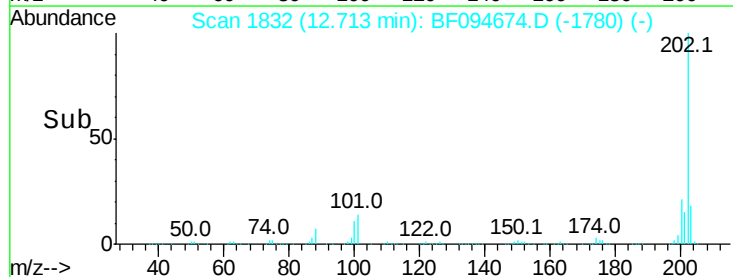
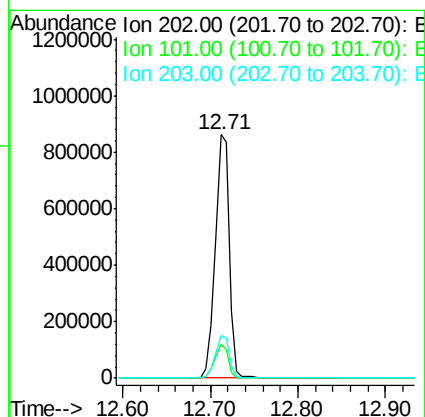
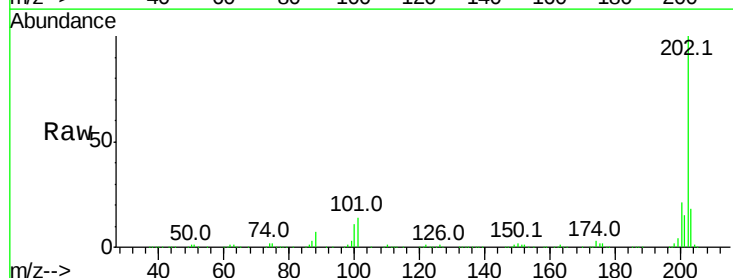
Instrument :
BNA_F
ClientSampleId :

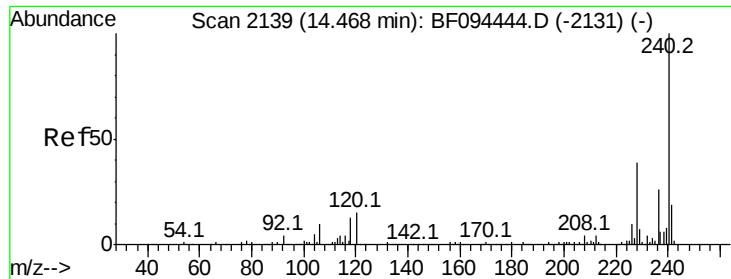
Tot Ion:149 Resp: 1106529
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 42.24 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion:202 Resp: 968882
Ion Ratio Lower Upper
202 100
101 14.1 0.0 33.2
203 17.7 0.0 38.1

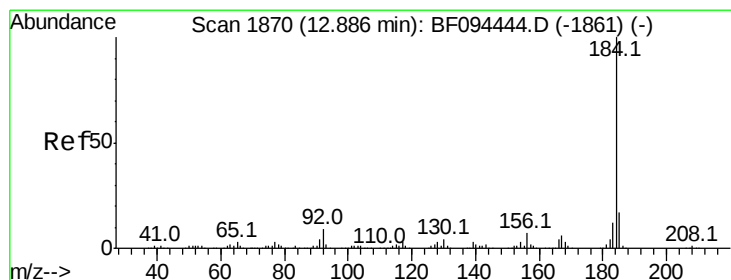
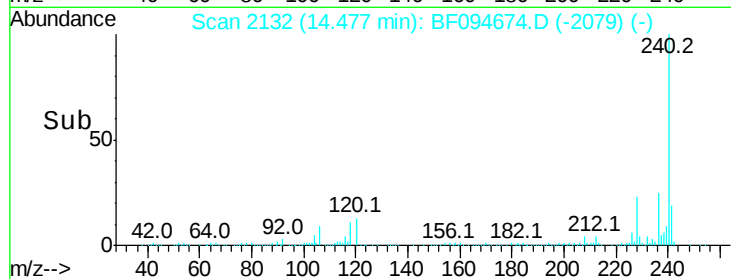
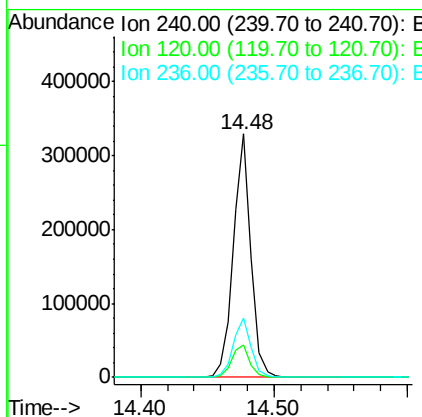
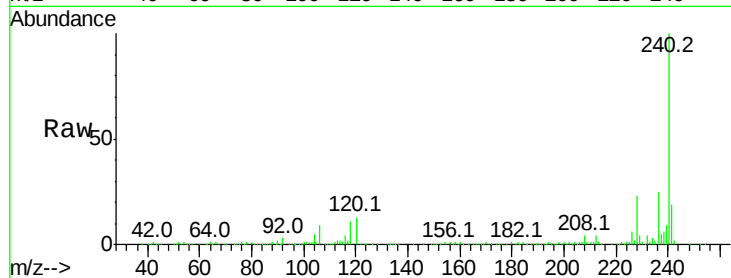




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.48 min Scan# 2132
 Delta R.T. 0.01 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

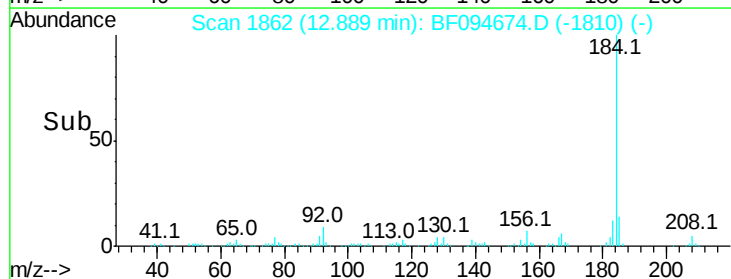
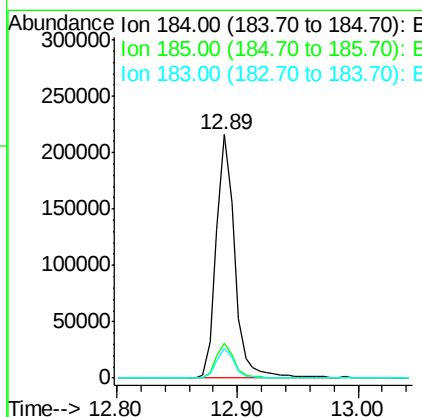
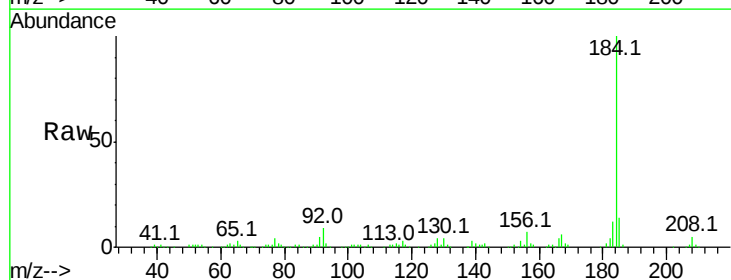
Instrument :
 BNA_F
 ClientSampleId :

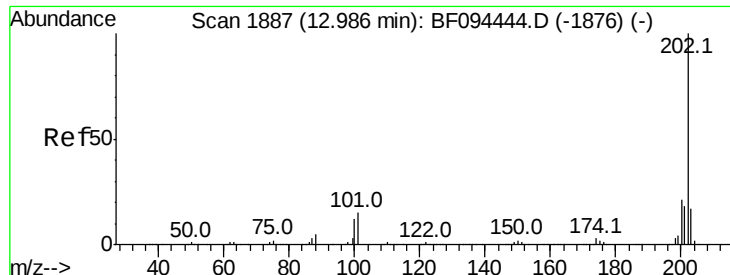
Tot Ion:240 Resp: 305061
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 24.6 20.5 30.7



#76
 Benzidine
 Concen: 18.53 ng
 RT: 12.89 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion:184 Resp: 228869
 Ion Ratio Lower Upper
 184 100
 185 14.5 15.5 23.3#
 183 12.2 9.8 14.6

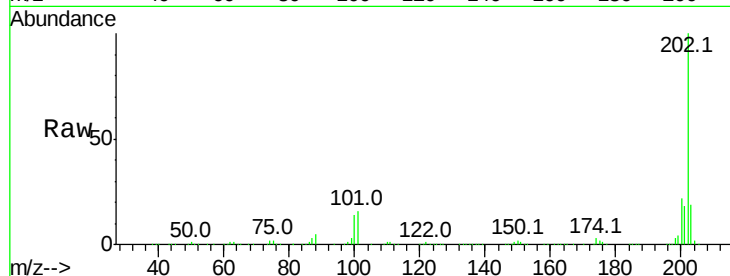




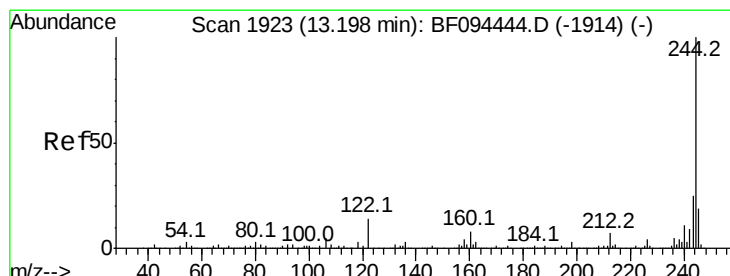
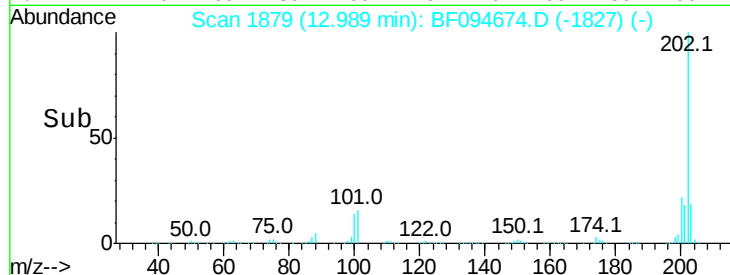
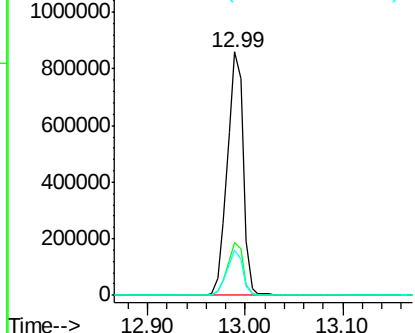
#77
Pvrene
Concen: 45.84 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 977023
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 18.7 14.4 21.6

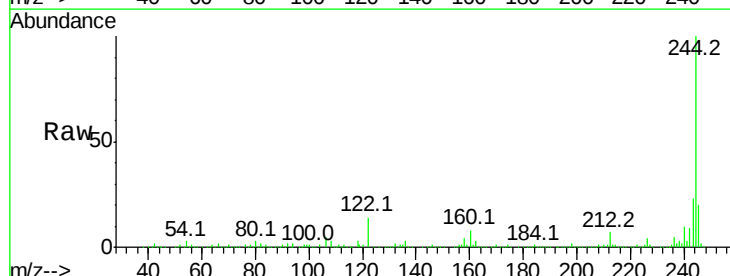


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

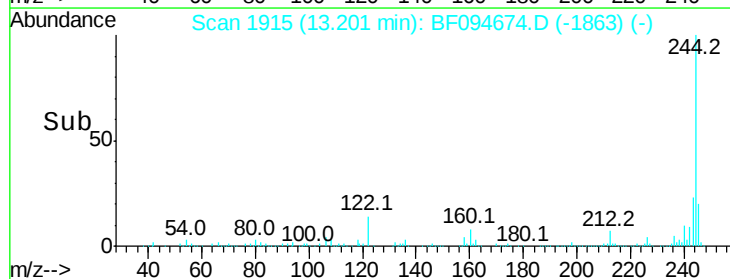
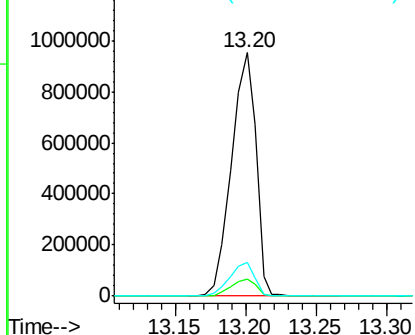


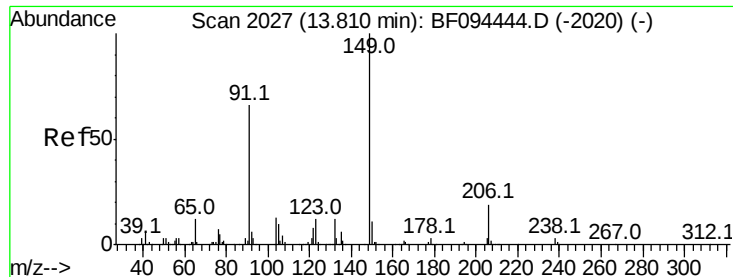
#78
Terphenyl-d14
Concen: 101.18 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion:244 Resp: 1154736
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.9 10.3 15.5



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

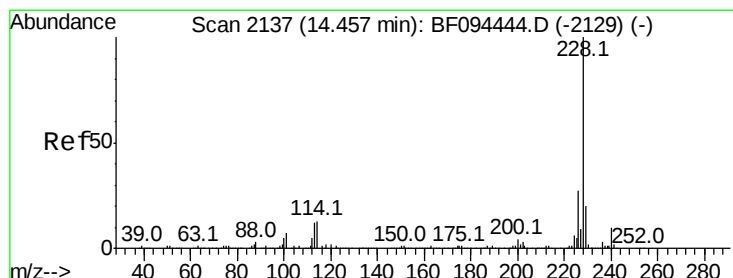
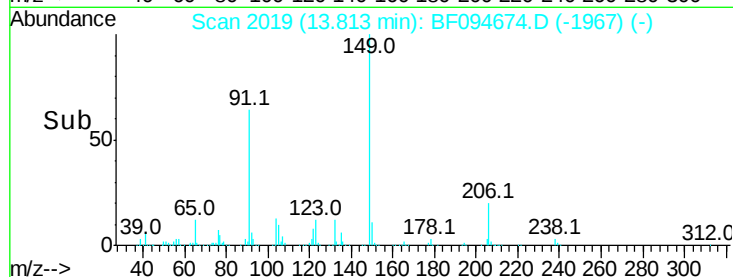
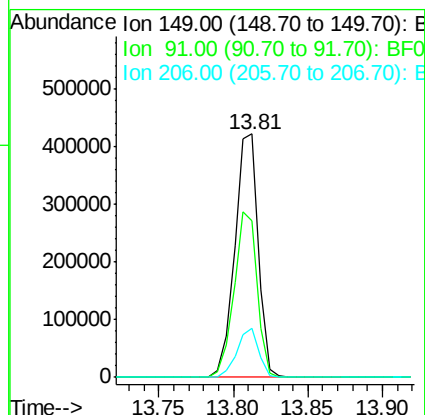
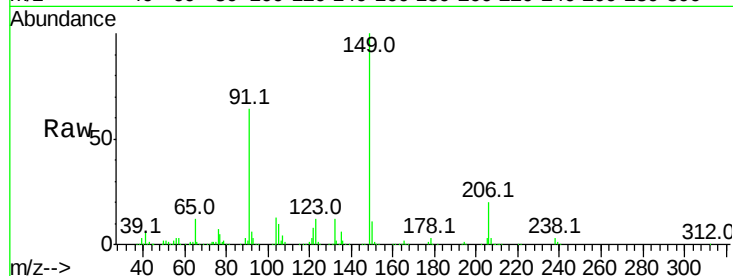




#79
Butylbenzylphthalate
Concen: 50.11 ng
RT: 13.81 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

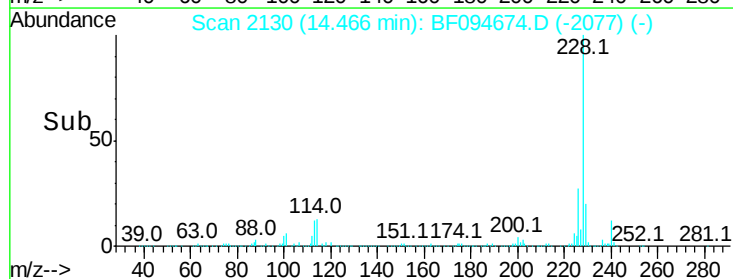
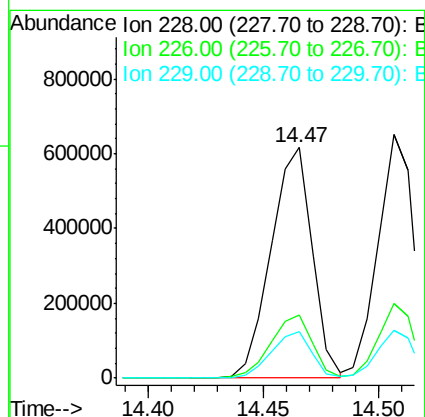
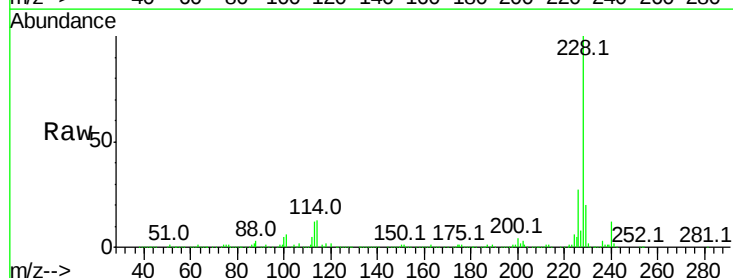
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.1	45.0	67.4
206	20.0	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.01 ng
RT: 14.47 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

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

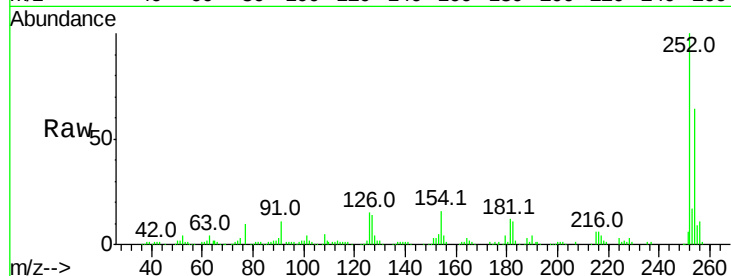




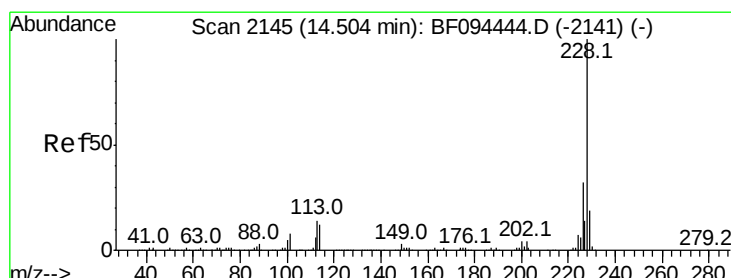
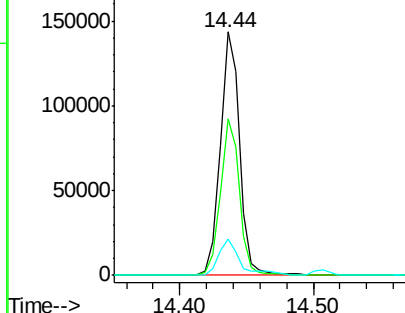
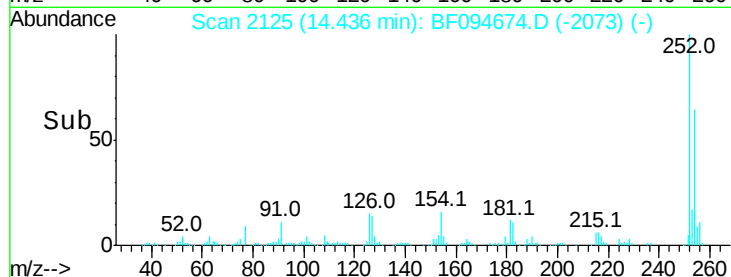
#81
 3,3'-Dichlorobenzidine
 Concen: 23.46 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	15.0	15.8	23.8#

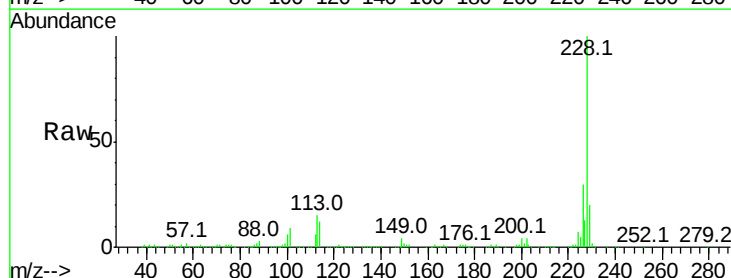


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

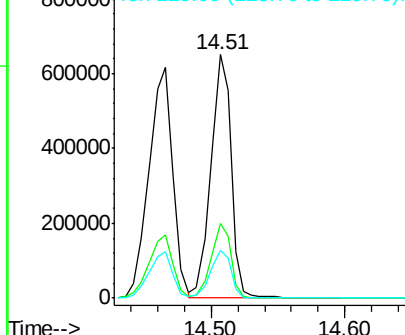
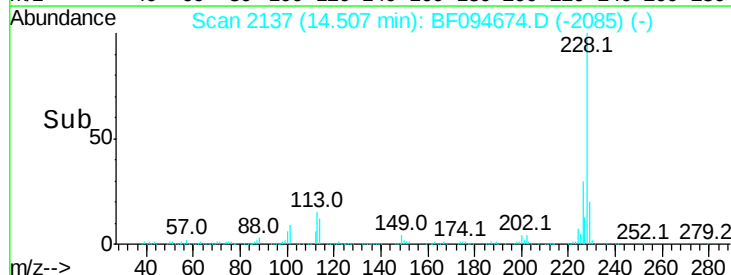


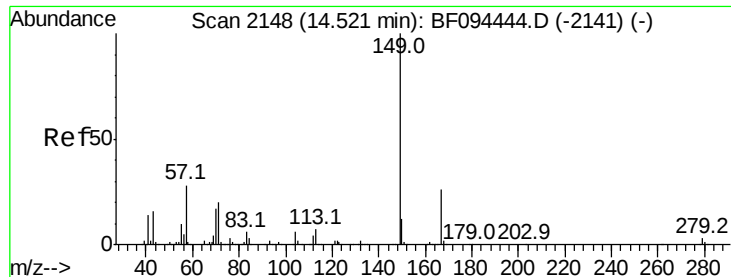
#82
 Chrysene
 Concen: 42.90 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.7	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

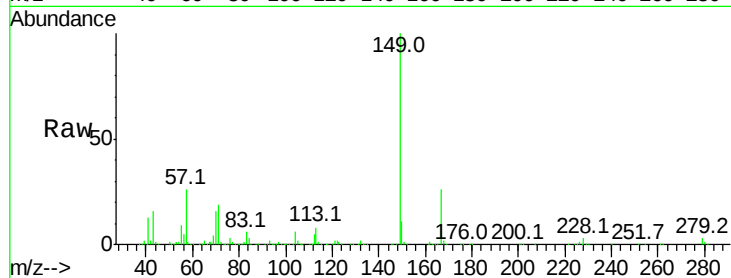




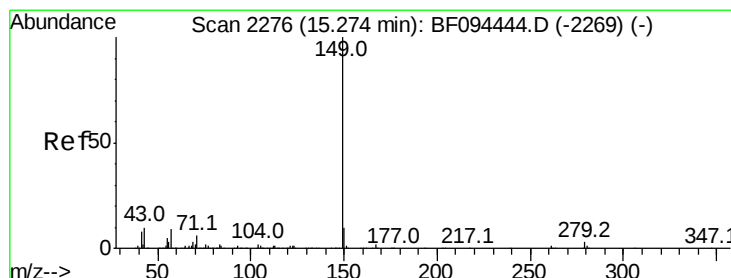
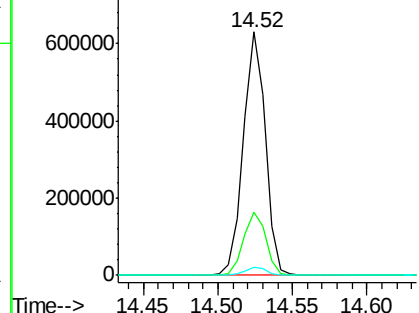
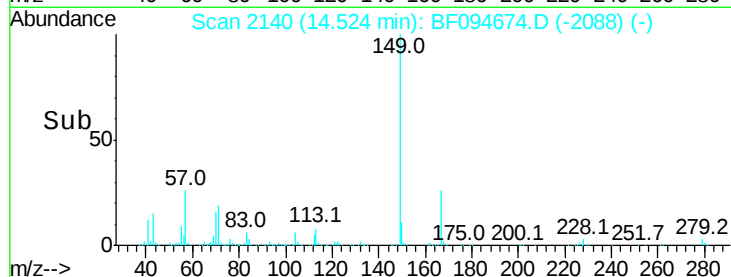
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.05 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 652741
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 3.1 1.9 2.9#

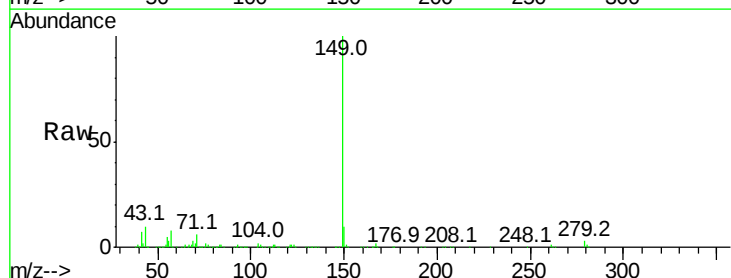


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

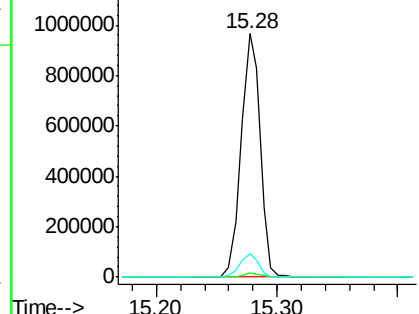
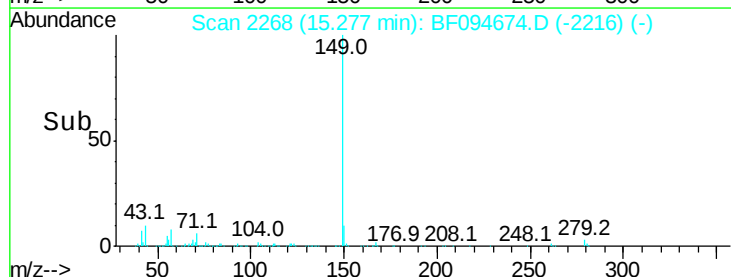


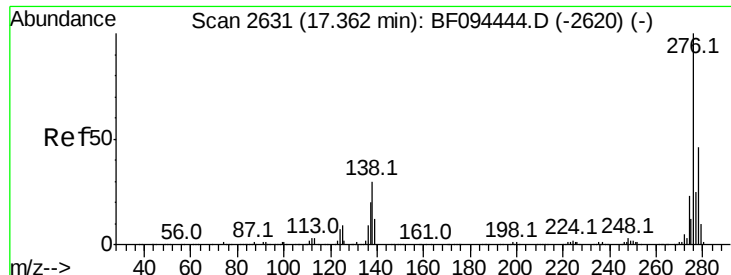
#84
 Di-n-octyl phthalate
 Concen: 50.72 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion:149 Resp: 1067063
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

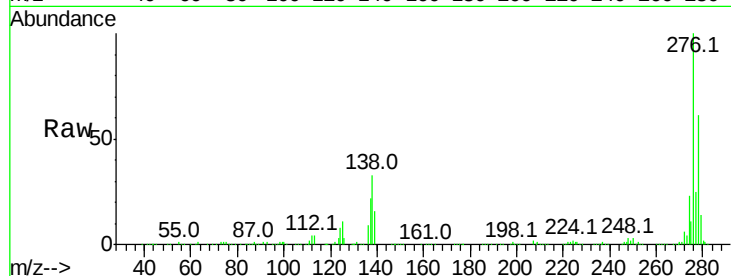




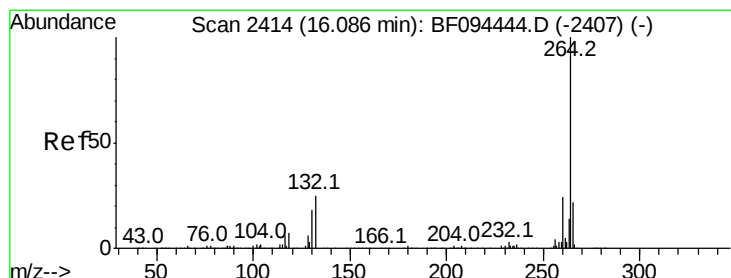
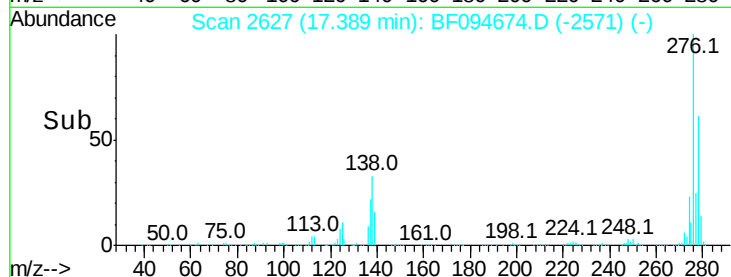
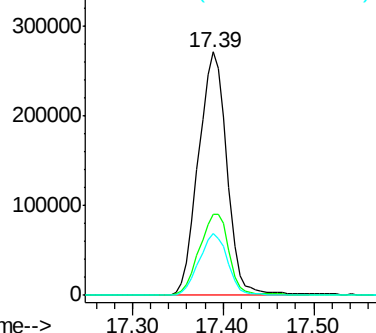
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.76 ng
 RT: 17.39 min Scan# 2627
 Delta R.T. 0.03 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.8	41.6
277	25.7	20.2	30.4

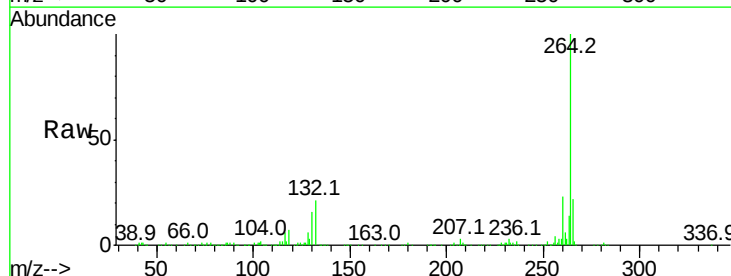


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

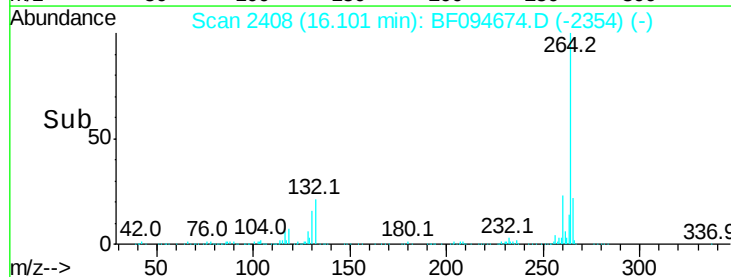
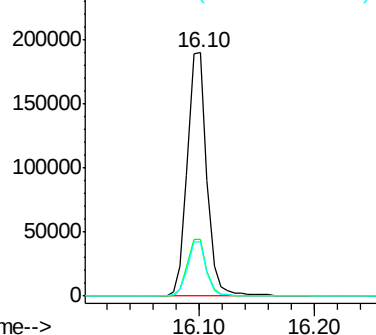


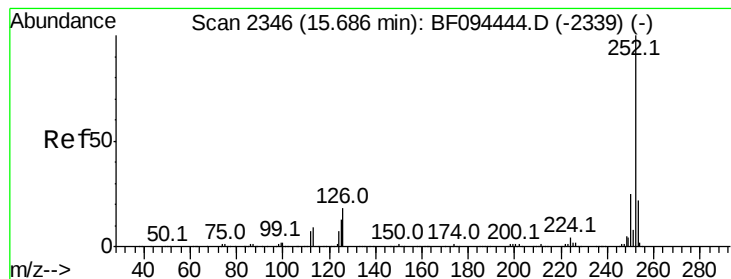
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.77 ng

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

Instrument :

BNA_F

ClientSampleId :

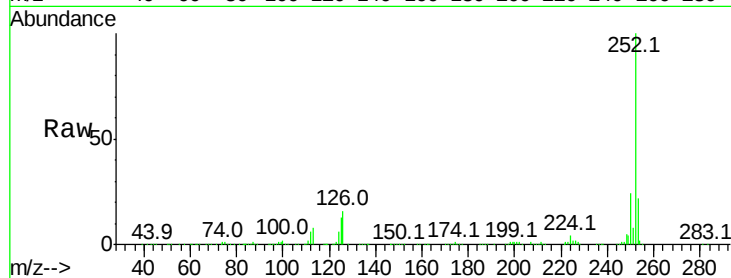
Tot Ion:252 Resp: 615044

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

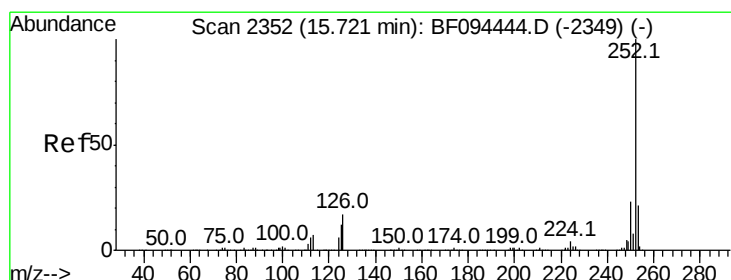
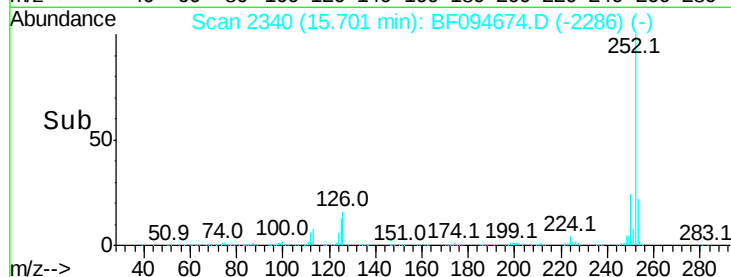
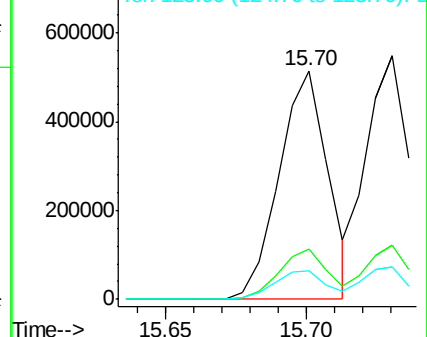
125 12.5 9.8 14.8



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: 45.27 ng

RT: 15.73 min Scan# 2345

Delta R.T. 0.01 min

Lab File: BF094674.D

Acq: 27 Apr 2017 20:08

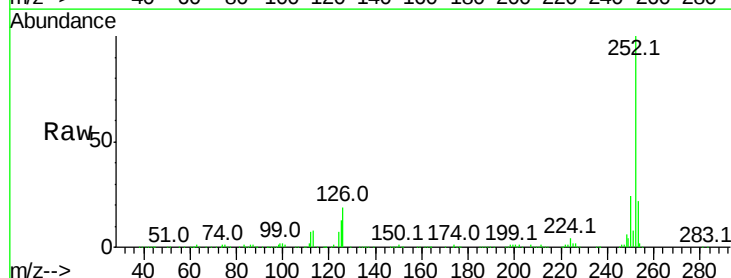
Tgt Ion:252 Resp: 588442

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

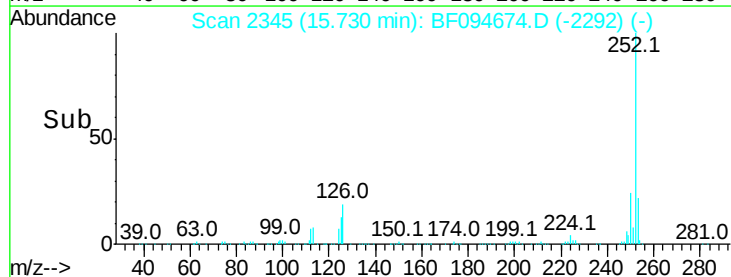
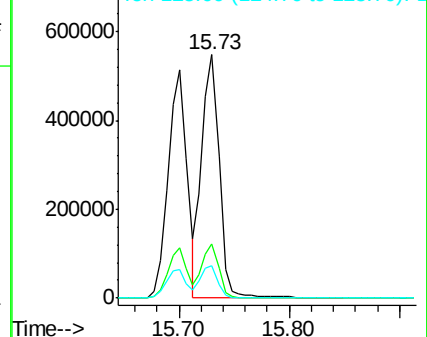
125 13.1 13.1 19.7#

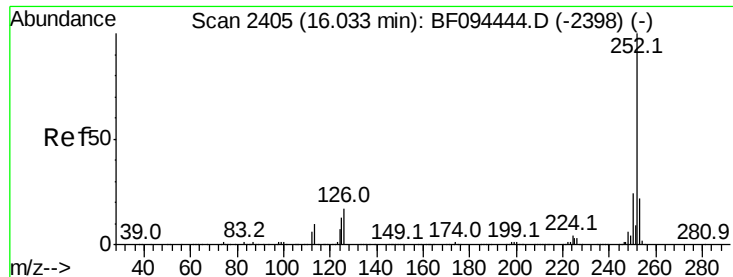


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

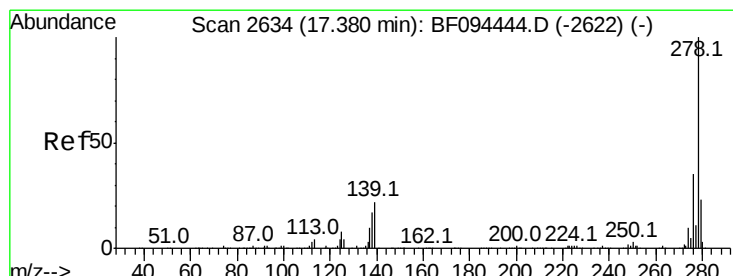
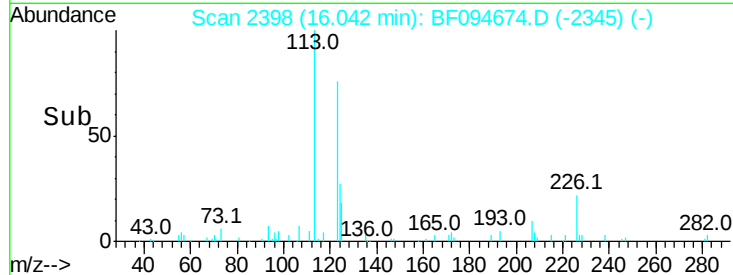
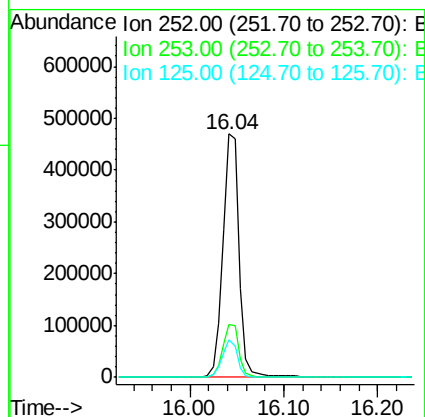
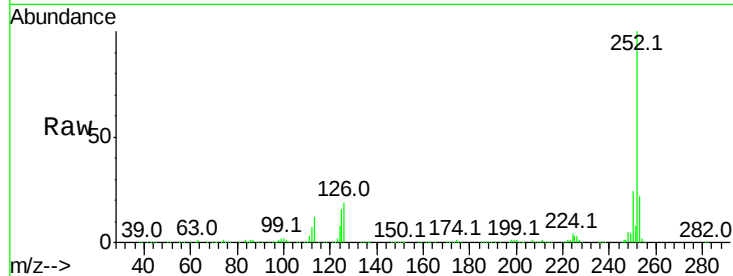




#89
Benzo(a)pyrene
Concen: 44.03 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

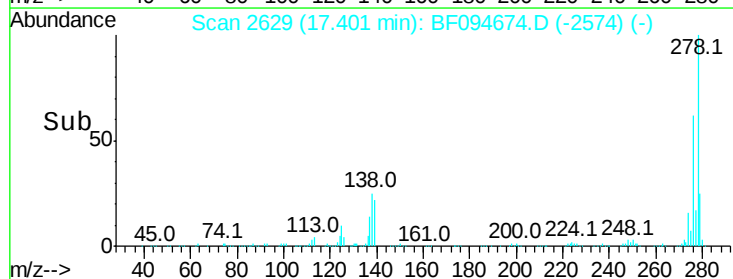
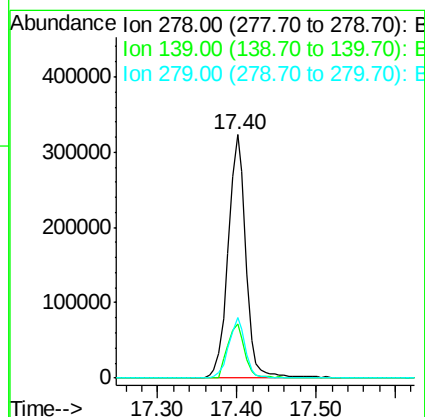
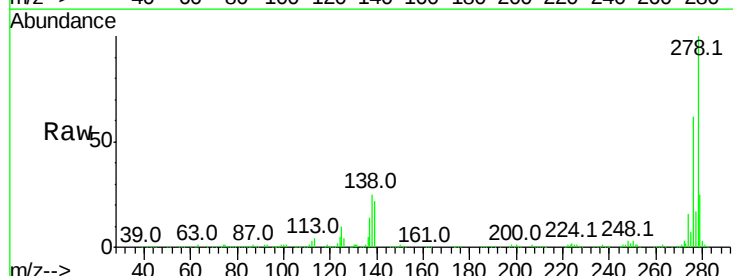
Instrument :
BNA_F
ClientSampleId :

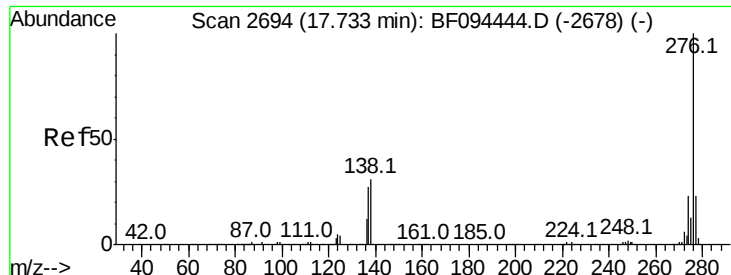
Tot Ion:252 Resp: 562685
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 15.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 47.36 ng
RT: 17.40 min Scan# 2629
Delta R.T. 0.02 min
Lab File: BF094674.D
Acq: 27 Apr 2017 20:08

Tgt Ion:278 Resp: 502561
Ion Ratio Lower Upper
278 100
139 22.5 16.6 24.8
279 24.8 19.3 28.9

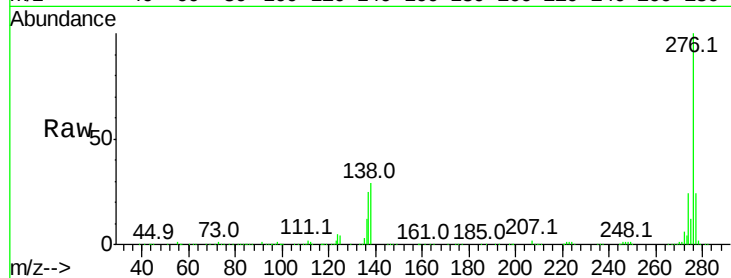




#91
 Benzo(a,h,i)perylene
 Concen: 46.71 ng
 RT: 17.77 min Scan# 2691
 Delta R.T. 0.03 min
 Lab File: BF094674.D
 Acq: 27 Apr 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276	Resp:	504607
Ion Ratio	Lower	Upper
276	100	
277	23.5	18.6 28.0
138	29.5	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

