

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094601.D
 Acq On : 25 Apr 2017 13:21
 Operator : SJ/MA
 Sample : I2813-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:21:55 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	5.75	152	122908	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	484112	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	218734	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	395981	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	276347	20.00	ng	-0.01
86) Perylene-d12	16.07	264	209464	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	949941	128.23	ng	0.00
7) Phenol-d6	5.39	99	1148010	131.45	ng	0.00
23) Nitrobenzene-d5	6.41	82	715262	91.23	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	243000	142.03	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	1217760	81.91	ng	-0.01
78) Terphenyl-d14	13.18	244	1028529	99.48	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.11	88	125370	29.10	ng	98
3) Pyridine	2.64	79	335282	35.61	ng	97
4) n-Nitrosodimethylamine	2.58	42	157466	40.41	ng	89
6) Aniline	5.39	93	358225	30.86	ng	# 76
8) 2-Chlorophenol	5.52	128	361964	42.94	ng	99
9) Benzaldehyde	5.25	77	113328	17.06	ng	99
10) Phenol	5.40	94	497019	46.32	ng	94
11) bis(2-Chloroethyl)ether	5.47	93	336977	42.99	ng	95
12) 1,3-Dichlorobenzene	5.69	146	383353	41.05	ng	98
13) 1,4-Dichlorobenzene	5.77	146	388518	41.35	ng	95
14) 1,2-Dichlorobenzene	5.95	146	362869	41.92	ng	97
15) Benzyl Alcohol	5.94	79	255860	39.49	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.08	45	444007	43.21	ng	# 48
17) 2-Methylphenol	6.08	107	292117	44.00	ng	94
18) Hexachloroethane	6.34	117	133414	41.42	ng	# 87
19) n-Nitroso-di-n-propylamine	6.25	70	254614	44.00	ng	95
20) 3+4-Methylphenols	6.26	107	401047	44.45	ng	# 62
22) Acetophenone	6.23	105	515173	43.77	ng	# 85
24) Nitrobenzene	6.43	77	363168	43.99	ng	93
25) Isophorone	6.72	82	648956	44.65	ng	# 94
26) 2-Nitrophenol	6.80	139	200124	45.12	ng	98
27) 2,4-Dimethylphenol	6.88	122	320768	44.52	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	418918	44.56	ng	98
29) 2,4-Dichlorophenol	7.10	162	307734	45.91	ng	98
30) 1,2,4-Trichlorobenzene	7.18	180	297694	42.96	ng	99
31) Naphthalene	7.28	128	1013776	43.56	ng	100
32) Benzoic acid	7.00	122	21090	5.54	ng	95
33) 4-Chloroaniline	7.35	127	88153	9.11	ng	# 91
34) Hexachlorobutadiene	7.43	225	146832	42.50	ng	99
35) Caprolactam	7.81	113	46634	22.15	ng	91
36) 4-Chloro-3-methylphenol	7.98	107	312191	44.45	ng	91
37) 2-Methylnaphthalene	8.11	142	693772	43.57	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	268018	43.03	ng	100
40) Hexachlorocyclopentadiene	8.31	237	191210	75.89	ng	100

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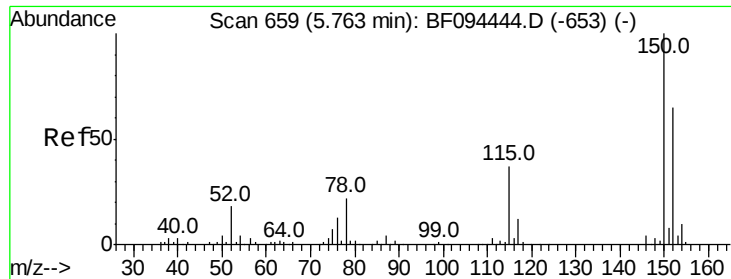
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:21:55 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)

42) 2,4,6-Trichlorophenol	8.48	196	194779	44.53	nq	96
43) 2,4,5-Trichlorophenol	8.54	196	208463	46.41	nq	# 91
45) 1,1'-Biphenyl	8.69	154	774737	43.35	nq	98
46) 2-Chloronaphthalene	8.71	162	619697	43.61	nq	95
47) 2-Nitroaniline	8.84	65	183517	44.89	nq	89
48) Acenaphthylene	9.21	152	955427	43.13	nq	99
49) Dimethylphthalate	9.09	163	866488	53.16	nq	99
50) 2,6-Dinitrotoluene	9.15	165	169569	46.34	nq	98
51) Acenaphthene	9.42	154	581001	43.79	nq	99
52) 3-Nitroaniline	9.35	138	92876	21.94	nq	88
53) 2,4-Dinitrophenol	9.50	184	58873	33.28	nq	# 64
54) Dibenzofuran	9.64	168	859692	44.58	nq	98
55) 4-Nitrophenol	9.64	139	568600	190.13	nq	# 33
56) 2,4-Dinitrotoluene	9.65	165	219200	48.82	nq	# 85
57) Fluorene	10.06	166	658256	43.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	150797	46.84	nq	96
59) Diethylphthalate	9.95	149	711313	46.25	nq	100
60) 4-Chlorophenyl-phenylether	10.07	204	282714	45.24	nq	92
61) 4-Nitroaniline	10.11	138	167507	38.92	nq	95
62) Azobenzene	10.26	77	679999	45.54	nq	96
64) 4,6-Dinitro-2-methylphenol	10.15	198	88380	34.07	nq	# 69
65) n-Nitrosodiphenylamine	10.22	169	614975	44.66	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	176597	44.91	nq	94
67) Hexachlorobenzene	10.74	284	175864	44.38	nq	# 89
68) Atrazine	10.90	200	190641	46.27	nq	96
69) Pentachlorophenol	10.99	266	151305	96.16	nq	99
70) Phenanthrene	11.24	178	987429	44.28	nq	98
71) Anthracene	11.30	178	1011049	43.83	nq	99
72) Carbazole	11.51	167	945287	43.66	nq	98
73) Di-n-butylphthalate	11.95	149	1123135	47.12	nq	99
74) Fluoranthene	12.70	202	1033282	44.71	nq	99
76) Benzidine	12.87	184	319263	28.53	nq	# 92
77) Pyrene	12.97	202	1022614	52.97	nq	98
79) Butylbenzylphthalate	13.79	149	442810	52.33	nq	# 85
80) Benzo(a)anthracene	14.44	228	726116	45.21	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	137675	24.21	nq	# 94
82) Chrysene	14.48	228	654012	44.55	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	598555	52.69	nq	# 100
84) Di-n-octyl phthalate	15.26	149	833284	43.73	nq	97
85) Indeno(1,2,3-cd)pyrene	17.35	276	638072	45.68	nq	100
87) Benzo(b)fluoranthene	15.68	252	561011	43.78	nq	98
88) Benzo(k)fluoranthene	15.71	252	526312	43.40	nq	# 95
89) Benzo(a)pyrene	16.02	252	530175	44.47	nq	98
90) Dibenzo(a,h)anthracene	17.37	278	520611	52.60	nq	98
91) Benzo(g,h,i)perylene	17.72	276	563507	55.92	nq	98

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

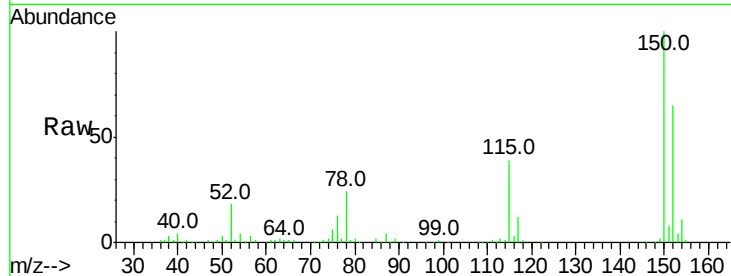


#1

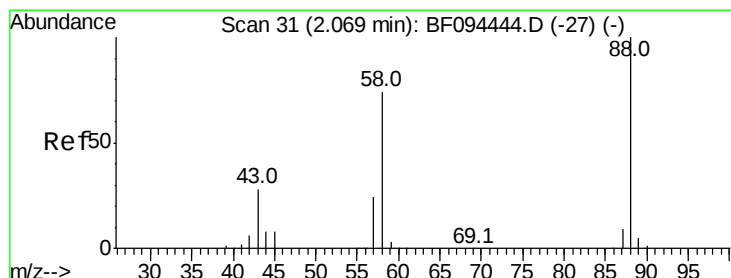
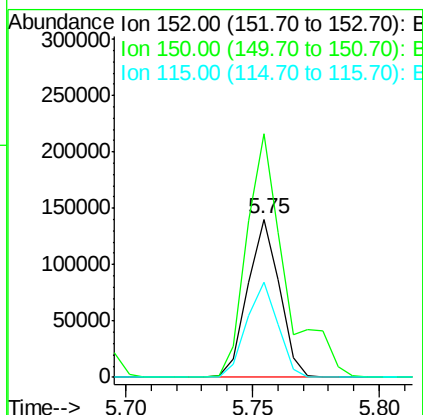
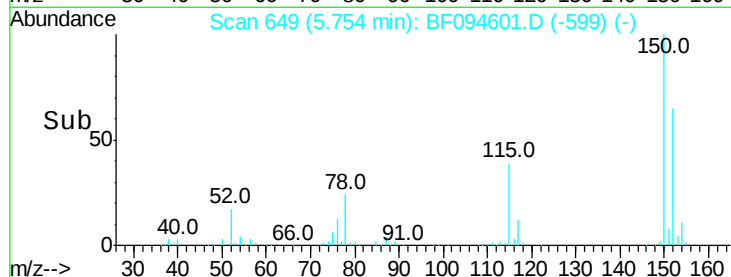
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 122908
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 59.8 52.2 78.2



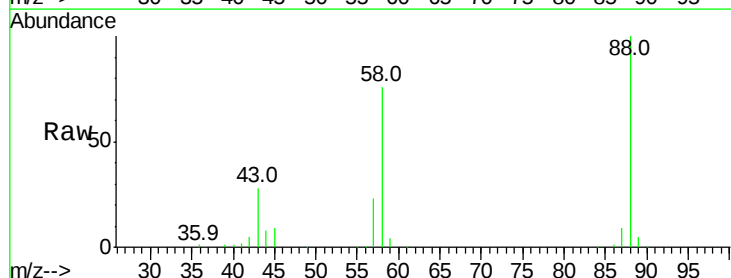
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



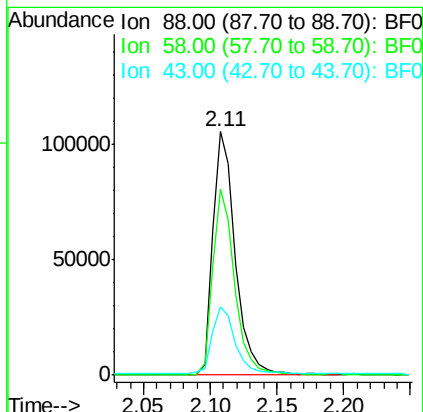
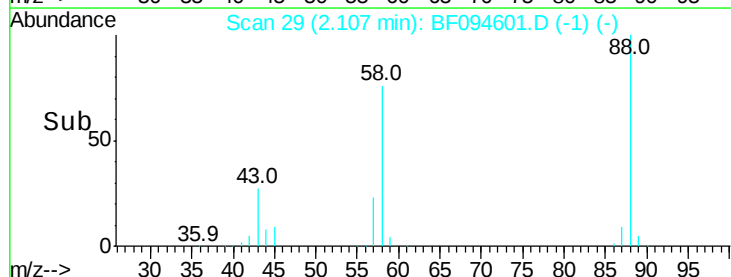
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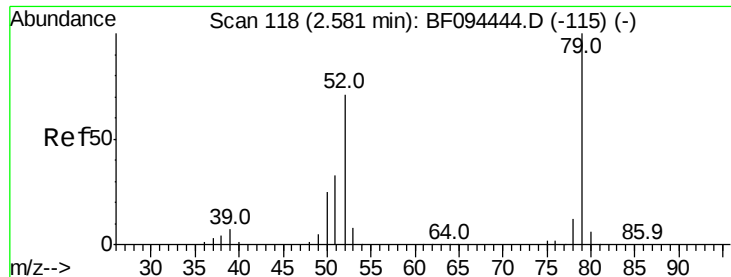
1,4-Dioxane
Concen: 29.10 ng
RT: 2.11 min Scan# 29
Delta R.T. 0.04 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion: 88 Resp: 125370
Ion Ratio Lower Upper
88 100
58 75.0 61.4 92.0
43 28.0 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

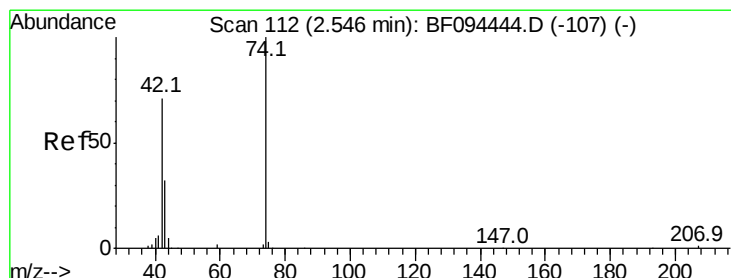
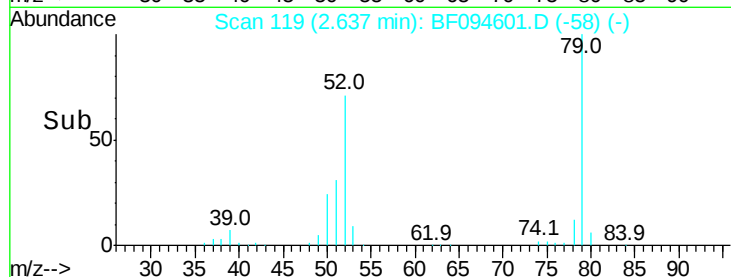
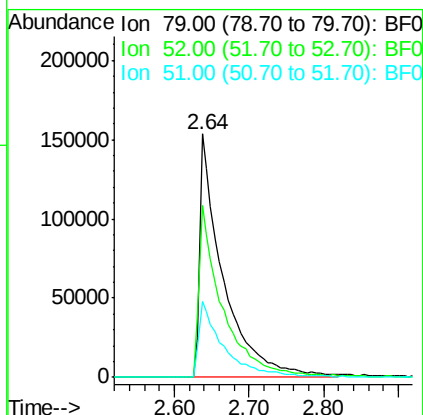
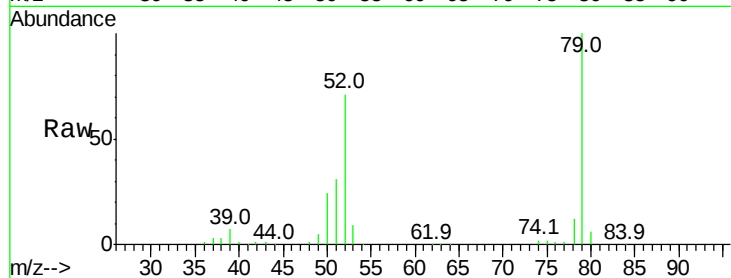




#3
 Pvridine
 Concen: 35.61 ng
 RT: 2.64 min Scan# 119
 Delta R.T. 0.06 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

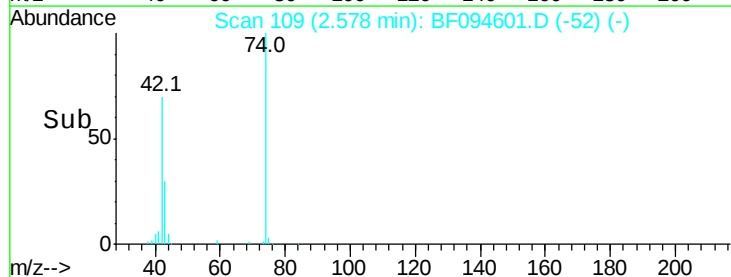
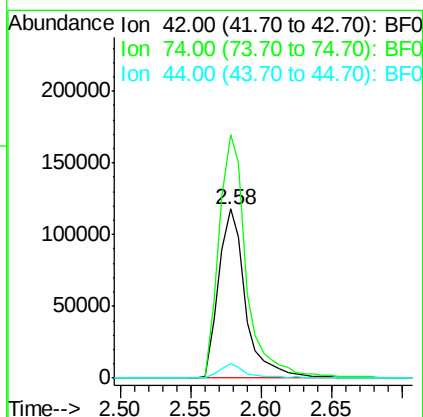
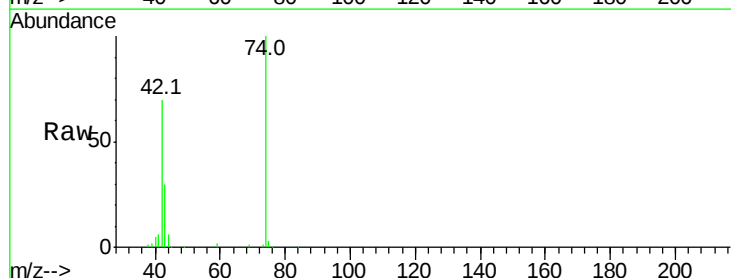
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 335282
 Ion Ratio Lower Upper
 79 100
 52 70.7 54.8 82.2
 51 31.2 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 40.41 ng
 RT: 2.58 min Scan# 109
 Delta R.T. 0.03 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion: 42 Resp: 157466
 Ion Ratio Lower Upper
 42 100
 74 143.8 103.9 155.9
 44 8.2 5.7 8.5





#5

2-Fluorophenol

Concen: 128.23 ng

RT: 4.31 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampled :

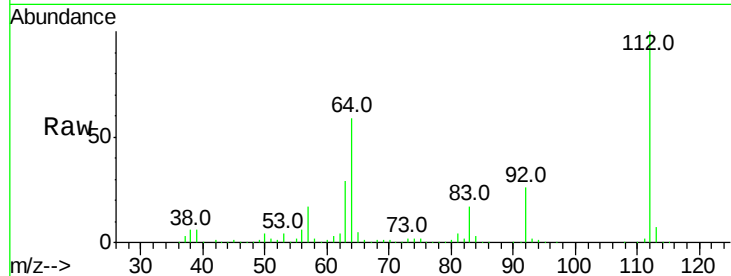
Tot Ion:112 Resp: 949941

Ion Ratio Lower Upper

112 100

64 58.5 46.0 69.0

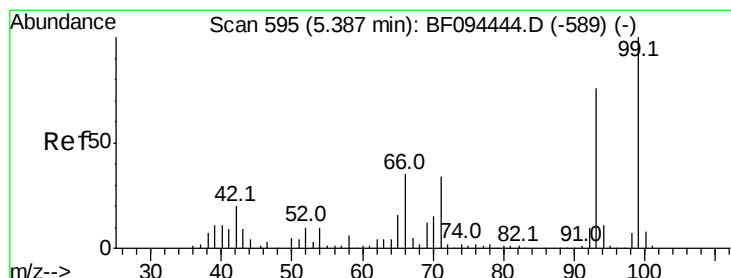
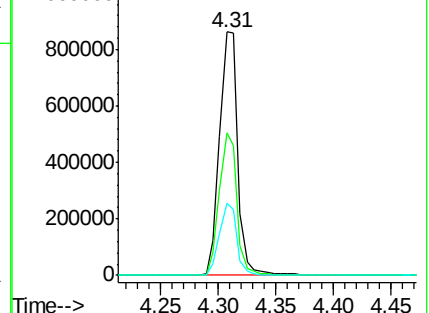
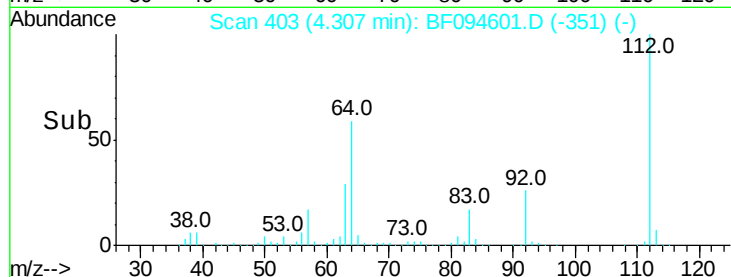
63 29.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.86 ng

RT: 5.39 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

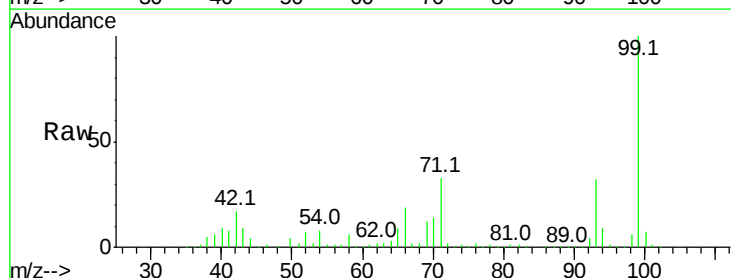
Tgt Ion: 93 Resp: 358225

Ion Ratio Lower Upper

93 100

66 59.3 32.9 49.3#

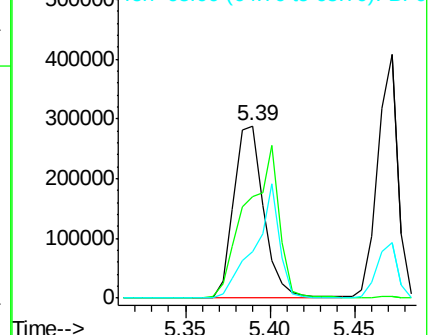
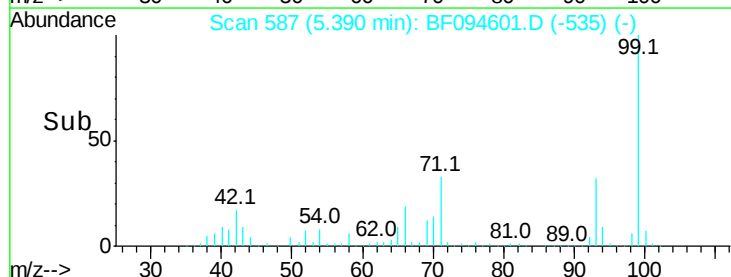
65 26.7 16.0 24.0#

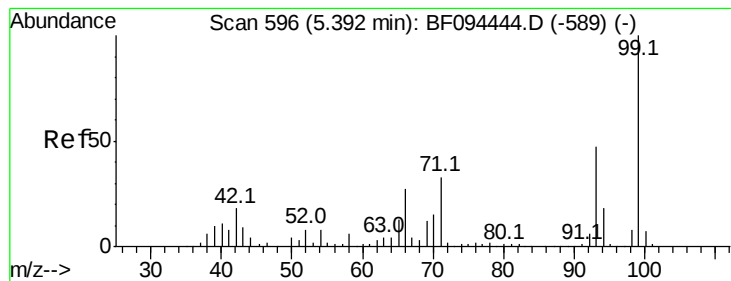


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.45 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampled :

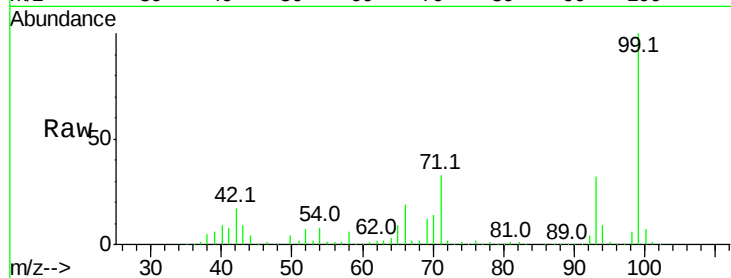
Tot Ion: 99 Resp: 1148010

Ion Ratio Lower Upper

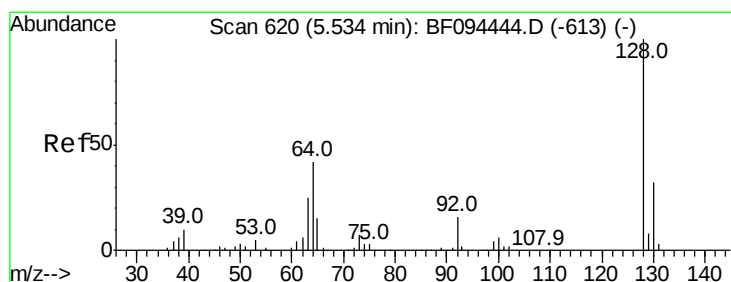
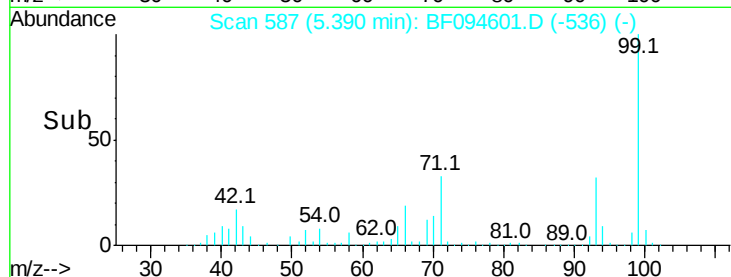
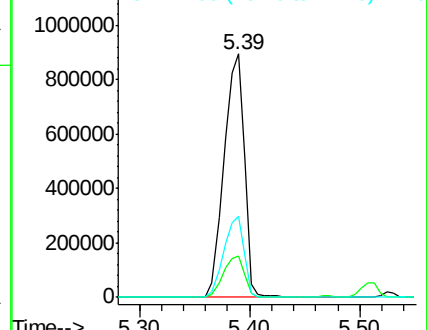
99 100

42 17.1 13.5 20.3

71 33.5 24.5 36.7



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



#8

2-Chlorophenol

Concen: 42.94 ng

RT: 5.52 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

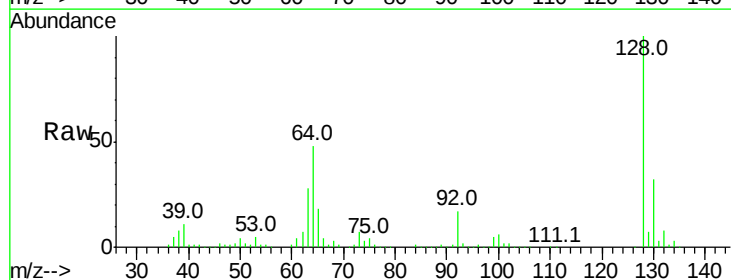
Tgt Ion:128 Resp: 361964

Ion Ratio Lower Upper

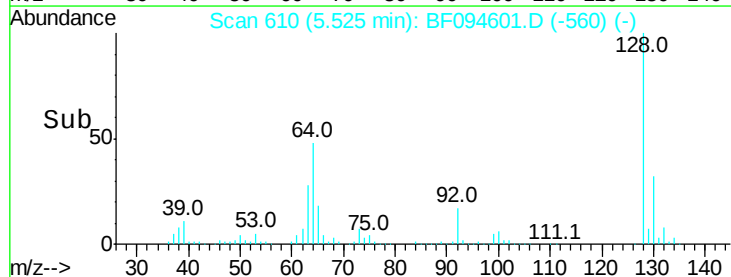
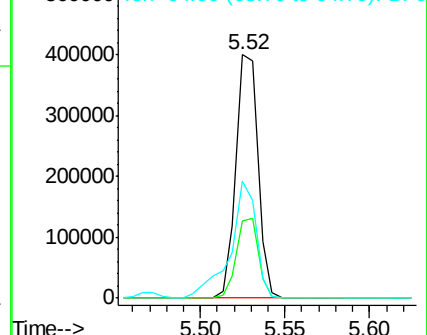
128 100

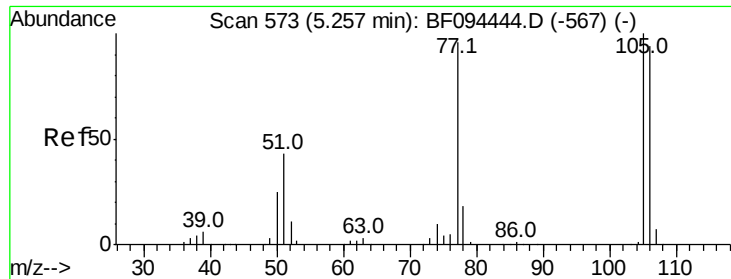
130 31.7 12.9 52.9

64 48.2 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

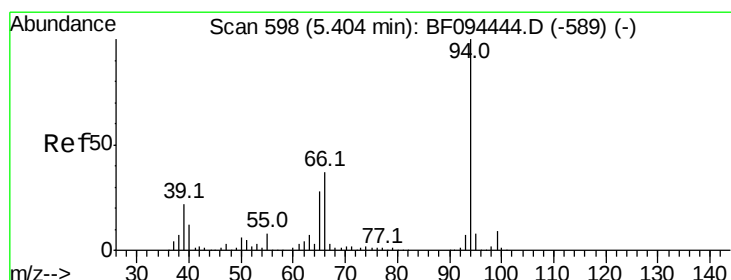
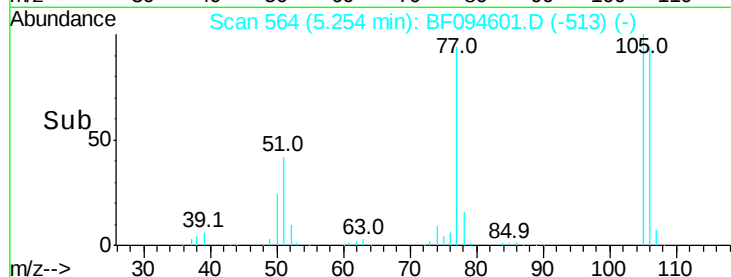
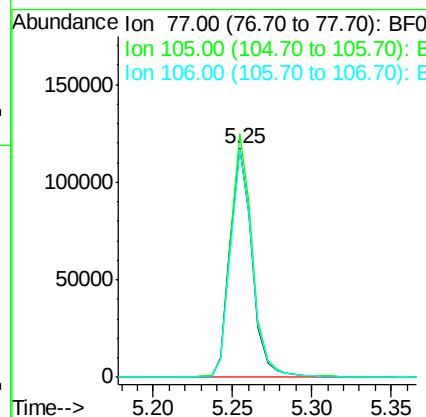
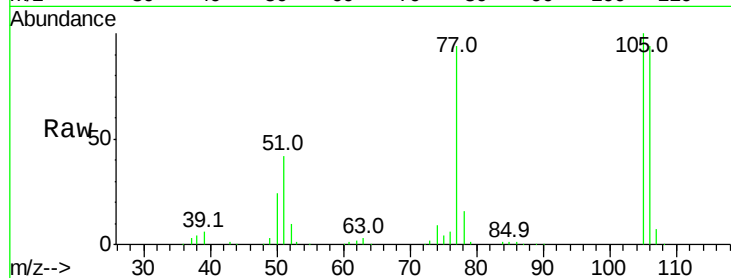




#9
Benzaldehyde
Concen: 17.06 ng
RT: 5.25 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

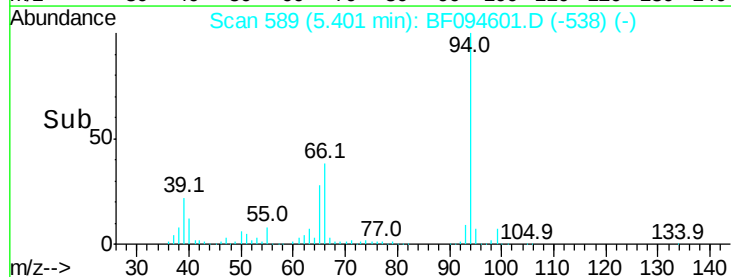
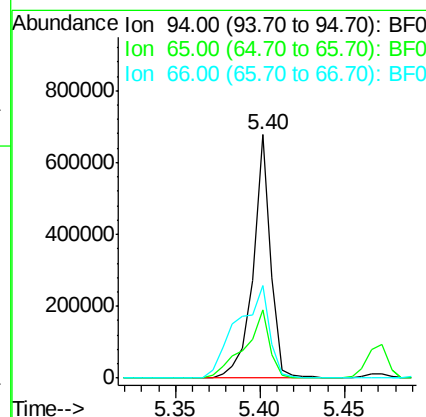
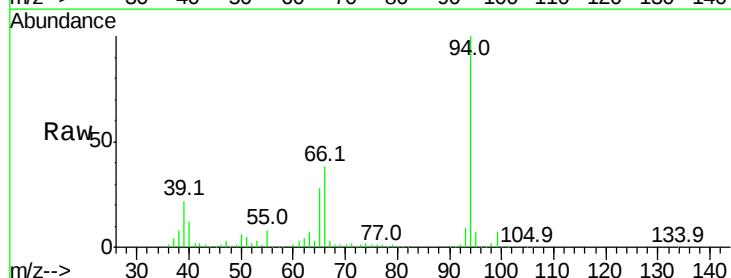
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 113328
Ion Ratio Lower Upper
77 100
105 106.3 83.8 123.8
106 99.4 79.1 119.1



#10
Phenol
Concen: 46.32 ng
RT: 5.40 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion: 94 Resp: 497019
Ion Ratio Lower Upper
94 100
65 28.1 9.9 49.9
66 37.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 42.99 ng

RT: 5.47 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

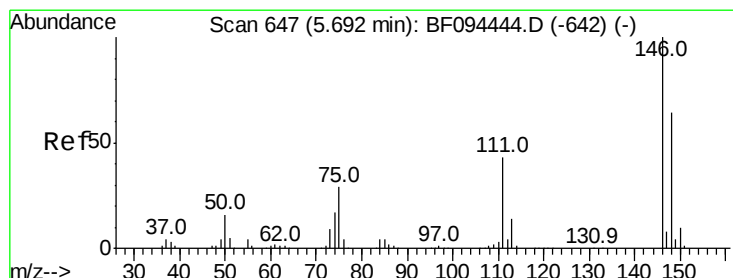
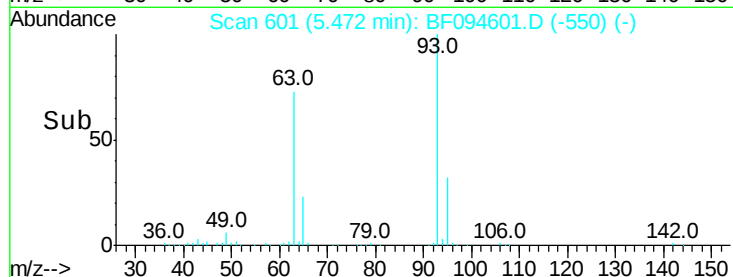
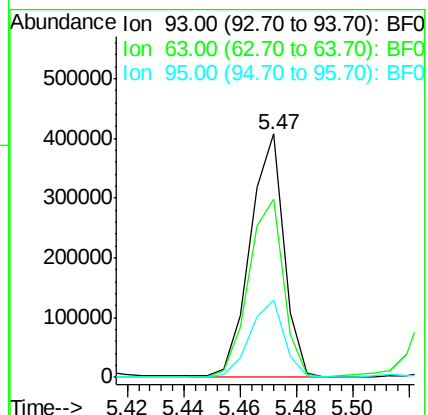
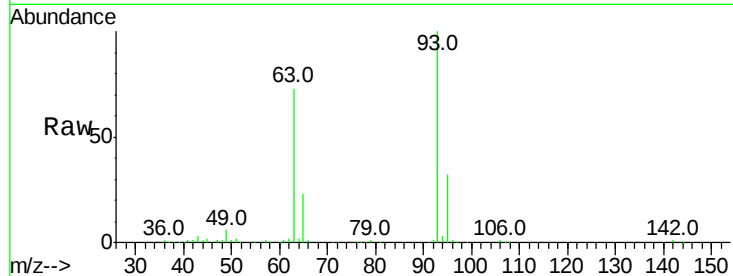
Tot Ion: 93 Resp: 336977

Ion Ratio Lower Upper

93 100

63 73.5 59.2 99.2

95 31.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.05 ng

RT: 5.69 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

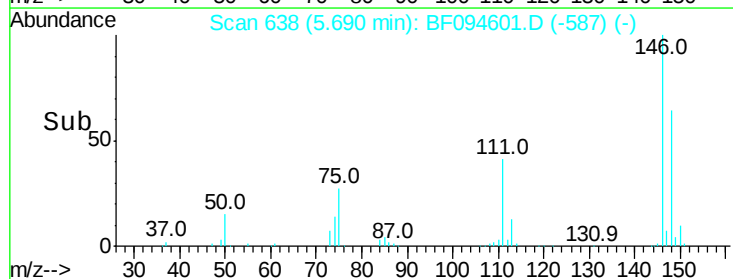
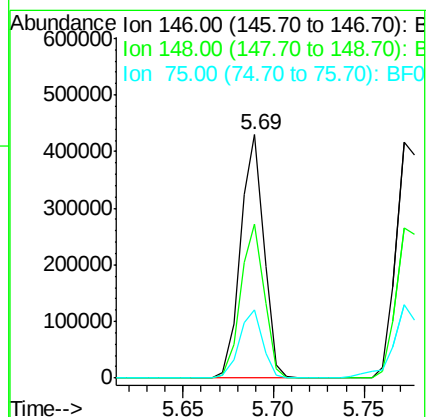
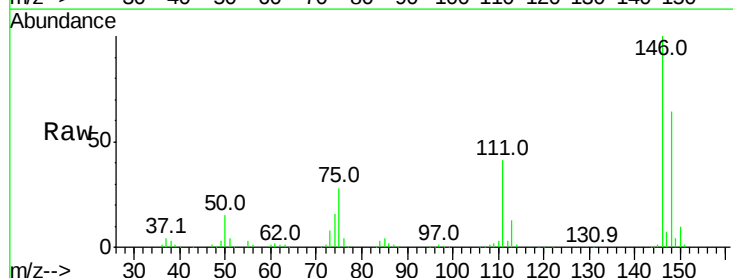
Tgt Ion: 146 Resp: 383353

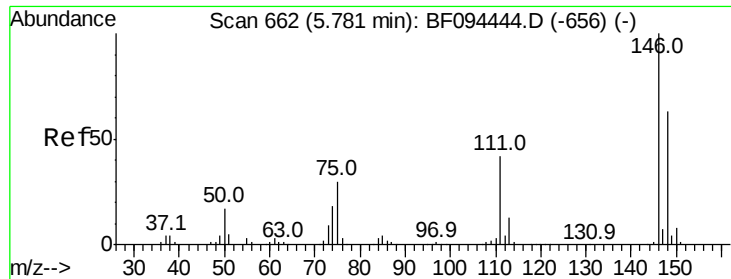
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 27.9 23.1 34.7

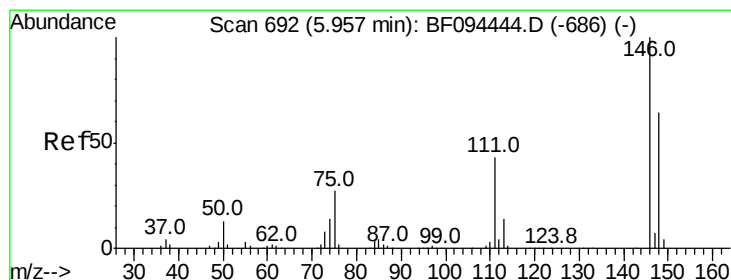
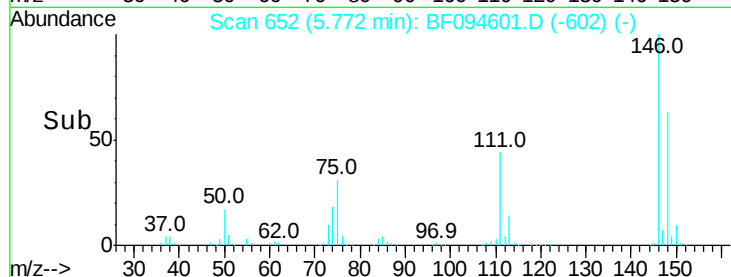
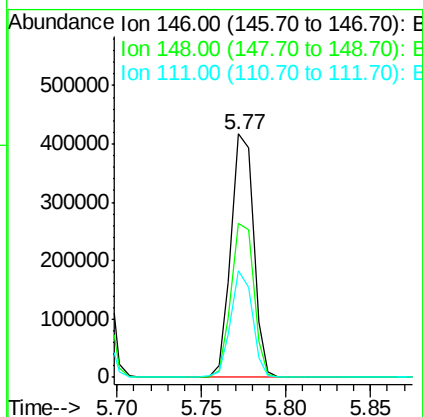
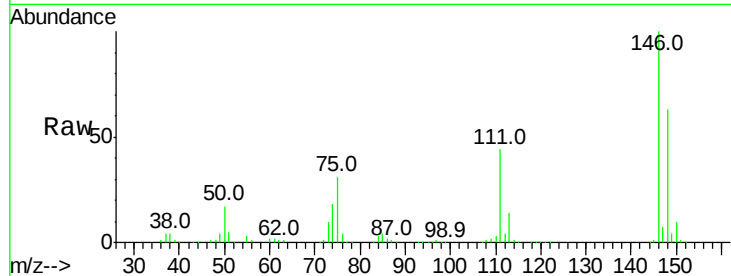




#13
 1,4-Dichlorobenzene
 Concen: 41.35 ng
 RT: 5.77 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

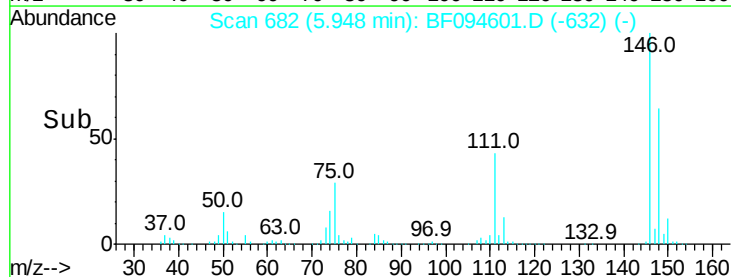
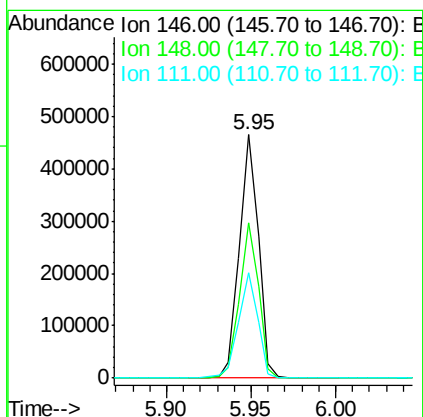
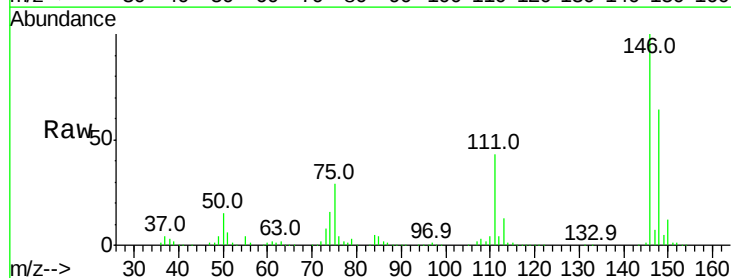
Instrument :
 BNA_F
 ClientSampled :

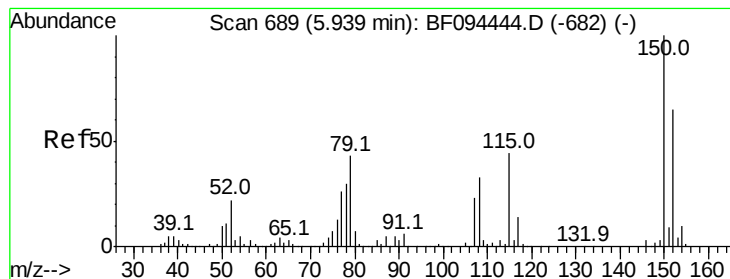
Tot Ion:146 Resp: 388518
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 43.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.92 ng
 RT: 5.95 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion:146 Resp: 362869
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 43.5 38.2 57.4





#15

Benzyl Alcohol

Concen: 39.49 ng

RT: 5.94 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampled :

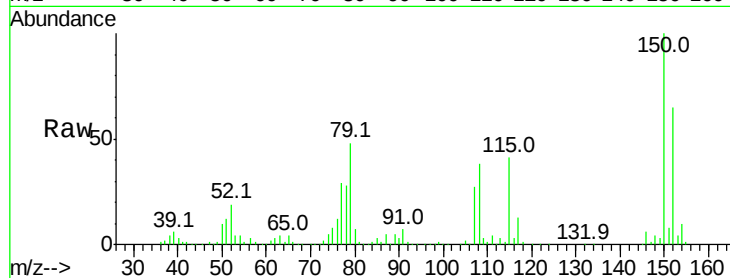
Tot Ion: 79 Resp: 255860

Ion Ratio Lower Upper

79 100

108 80.3 63.4 95.0

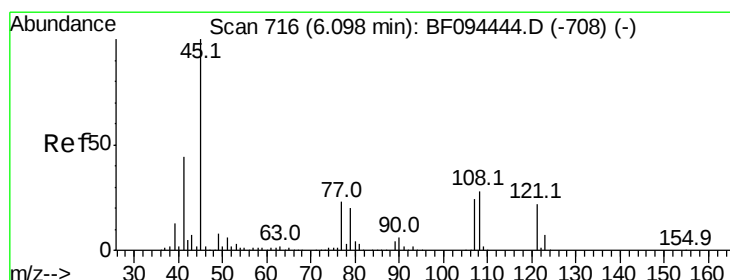
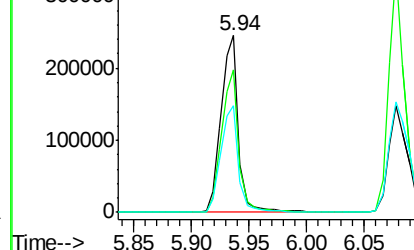
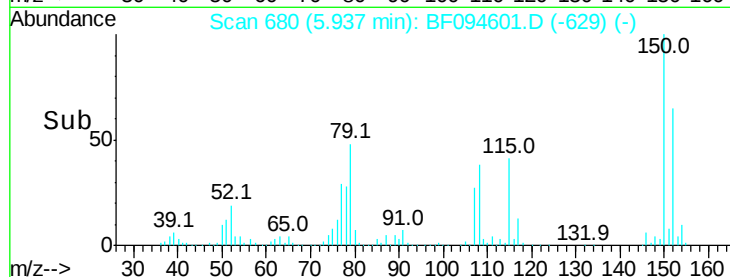
77 60.3 49.2 73.8



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: 43.21 ng

RT: 6.08 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

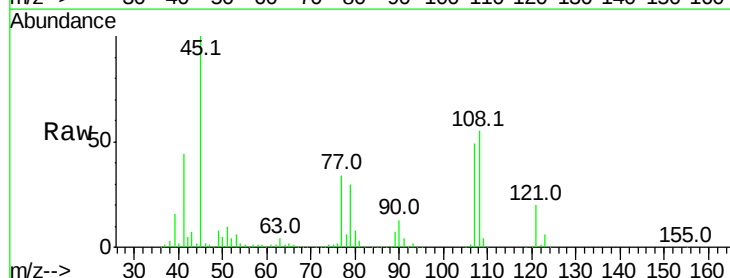
Tgt Ion: 45 Resp: 444007

Ion Ratio Lower Upper

45 100

77 34.0 0.0 33.2#

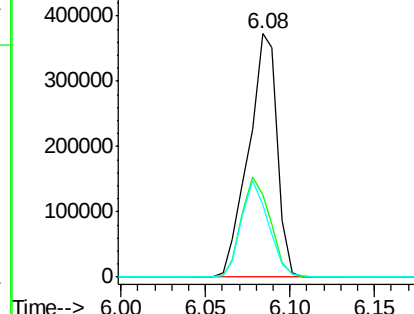
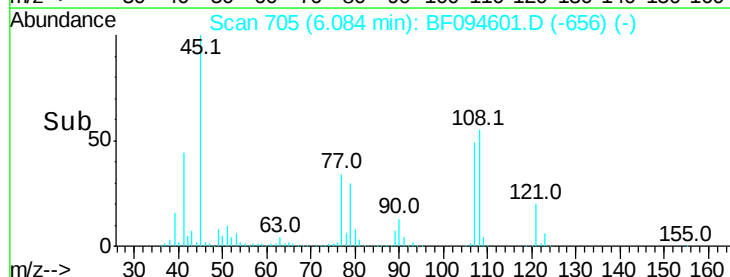
79 29.6 0.0 30.0

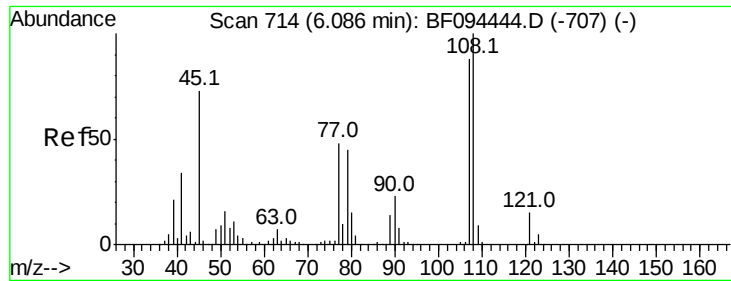


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

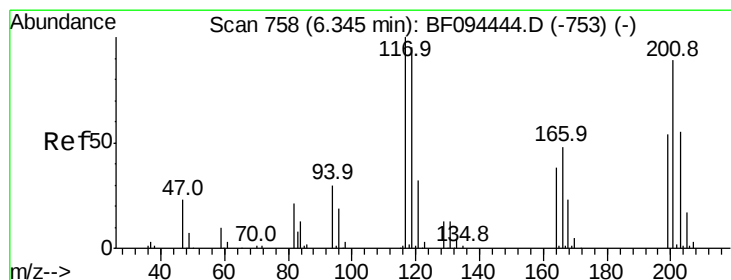
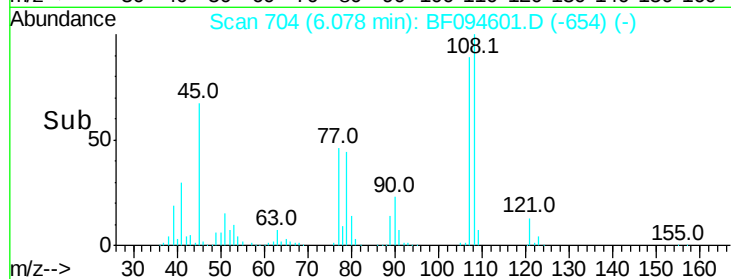
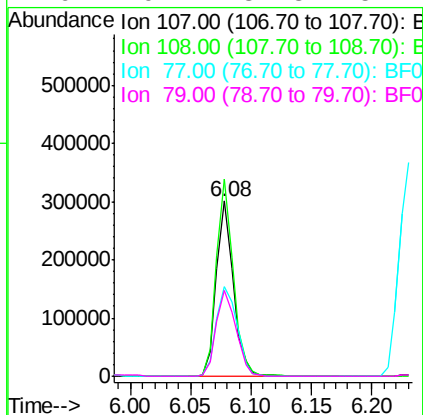
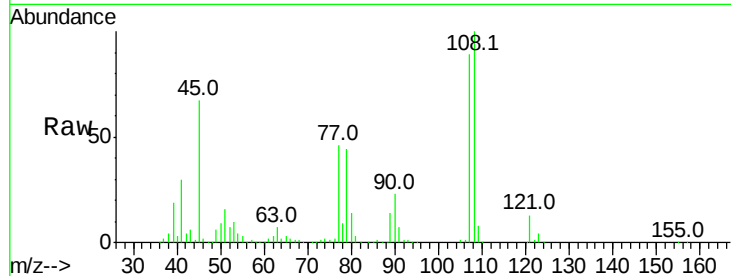




#17
2-Methylphenol
Concen: 44.00 ng
RT: 6.08 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

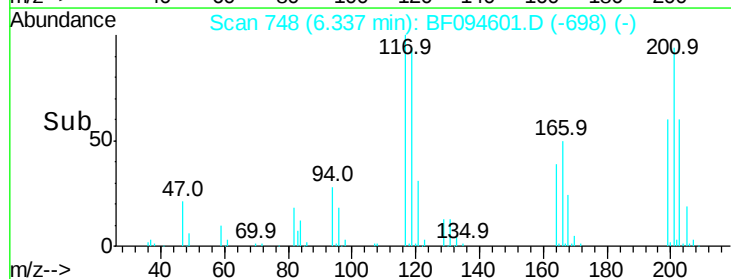
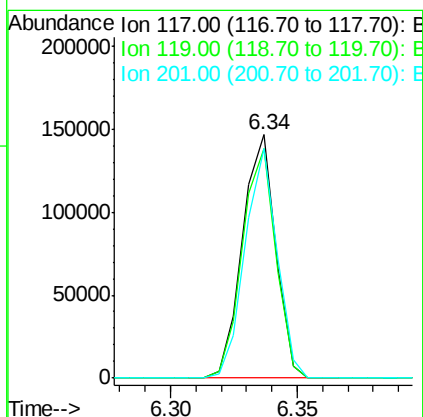
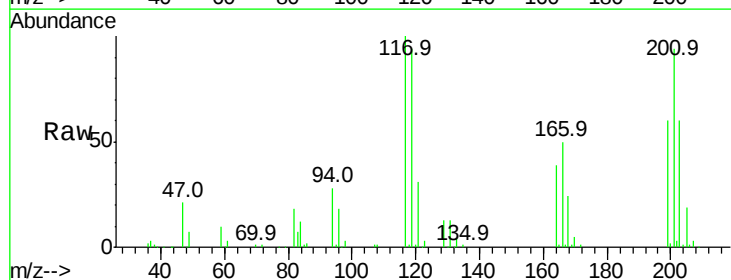
Instrument :
BNA_F
ClientSampleId :

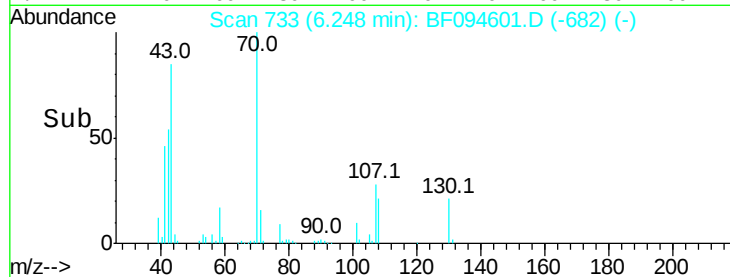
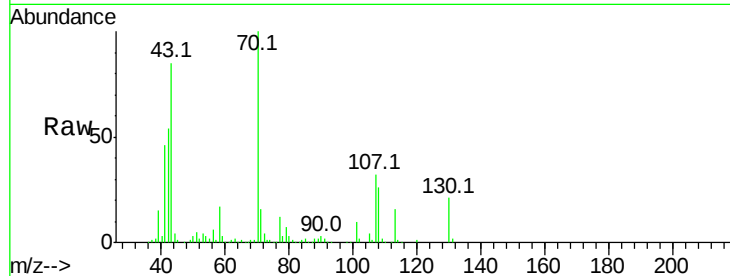
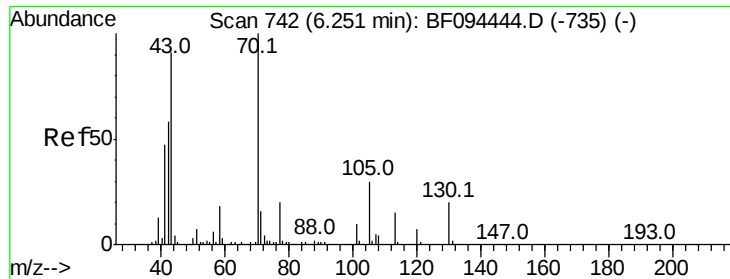
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	93.4	140.0
77	51.2	35.8	53.6
79	49.4	34.8	52.2



#18
Hexachloroethane
Concen: 41.42 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.4	116.0
201	94.0	94.6	141.8#

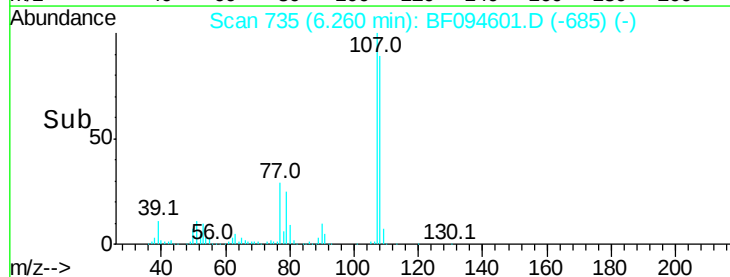
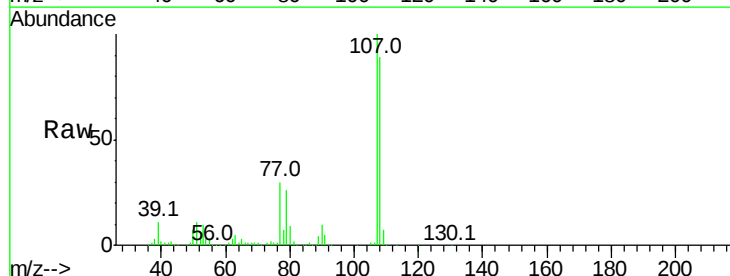
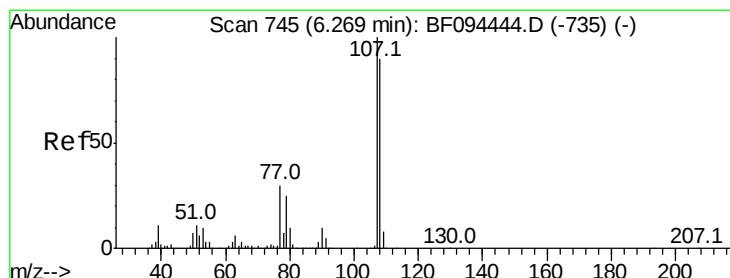
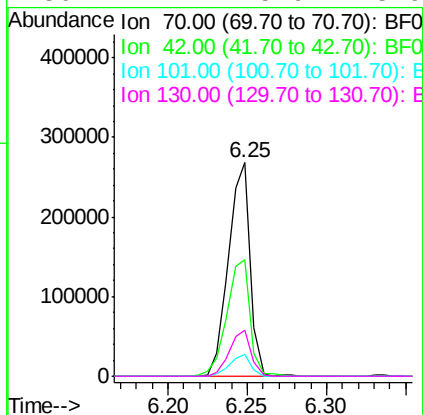




#19
n-Nitroso-di-n-propylamine
Concen: 44.00 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

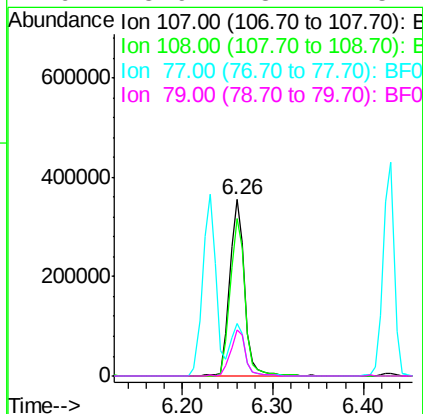
Instrument :
BNA_F
ClientSampleId :

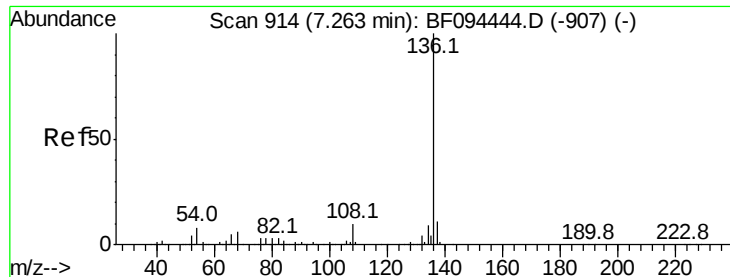
Tot Ion: 70 Resp: 254614
Ion Ratio Lower Upper
70 100
42 54.4 47.2 70.8
101 9.9 7.2 10.8
130 21.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.45 ng
RT: 6.26 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion:107 Resp: 401047
Ion Ratio Lower Upper
107 100
108 89.4 71.0 111.0
77 29.5 90.5 130.5#
79 25.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 484112

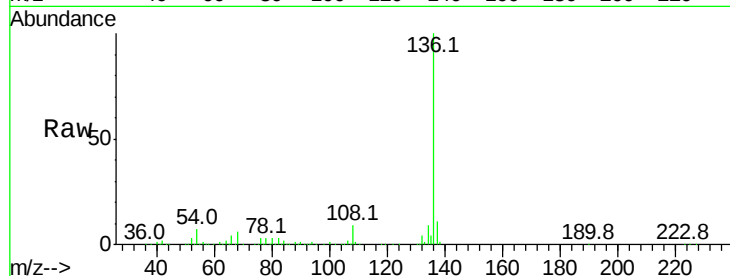
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 5.6 4.1 6.1

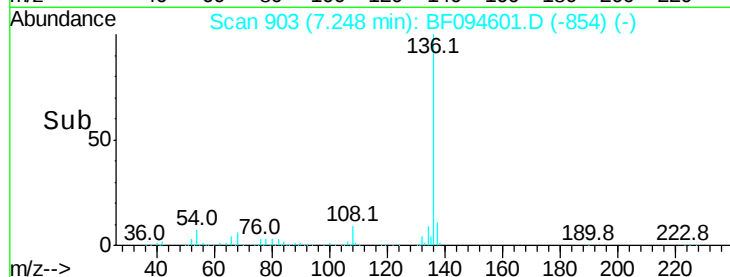


Abundance Ion 136.00 (135.70 to 136.70): E

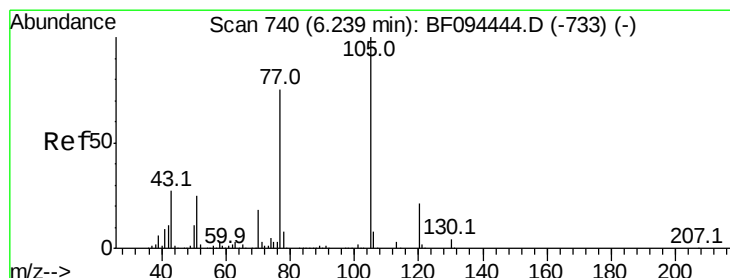
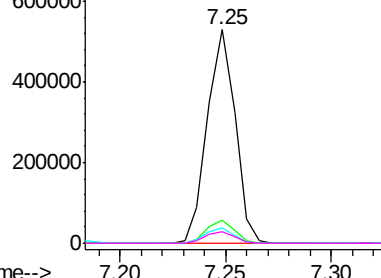
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.77 ng

RT: 6.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Tgt Ion:105 Resp: 515173

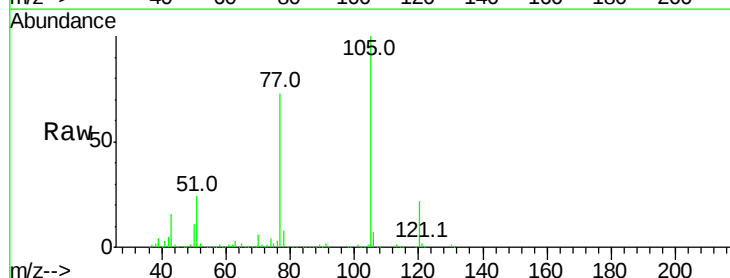
Ion Ratio Lower Upper

105 100

71 1.1 2.8 4.2#

51 24.2 30.7 46.1#

120 21.7 17.4 26.0

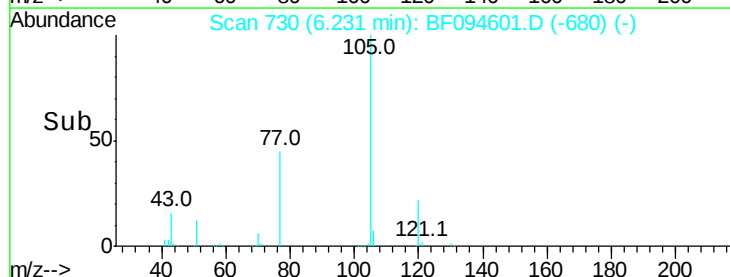


Abundance Ion 105.00 (104.70 to 105.70): E

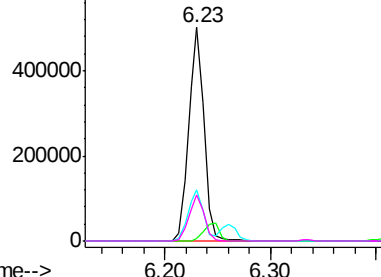
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

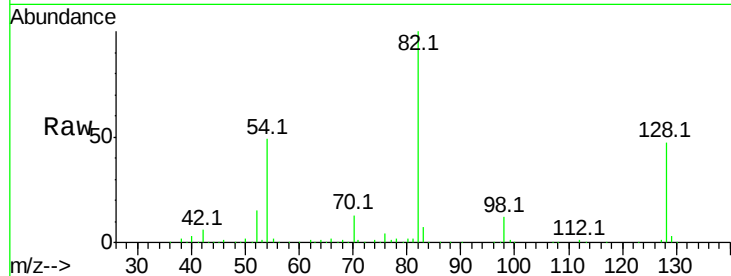




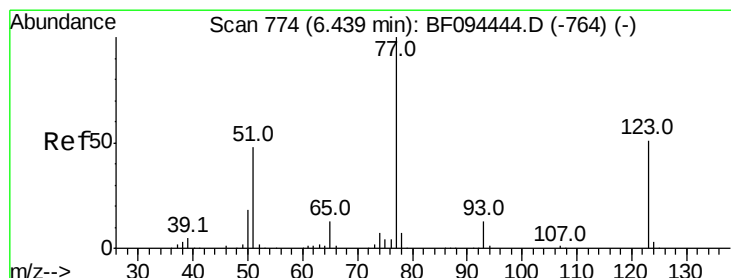
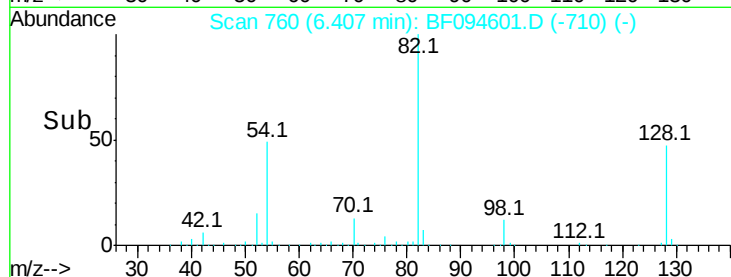
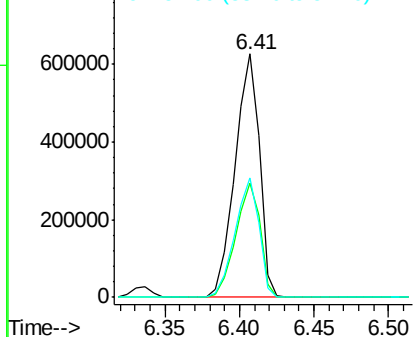
#23
 Nitrobenzene-d5
 Concen: 91.23 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 715262
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 48.9 42.2 63.2

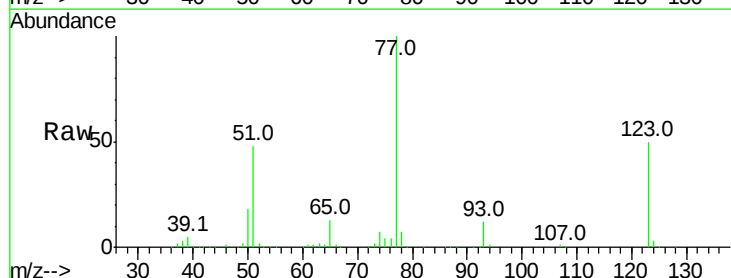


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

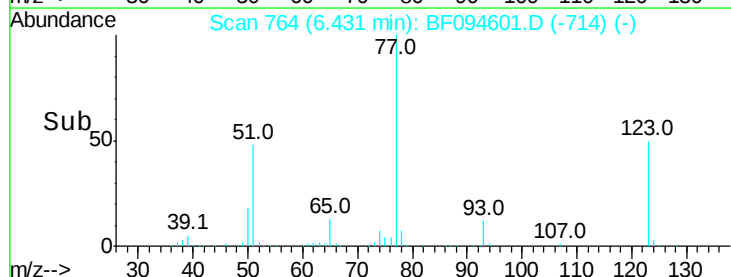
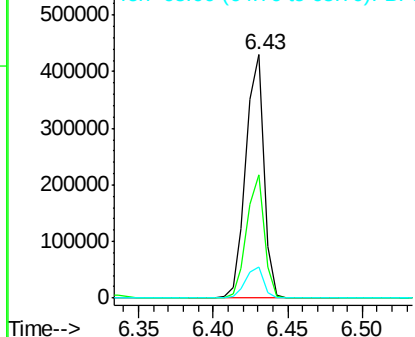


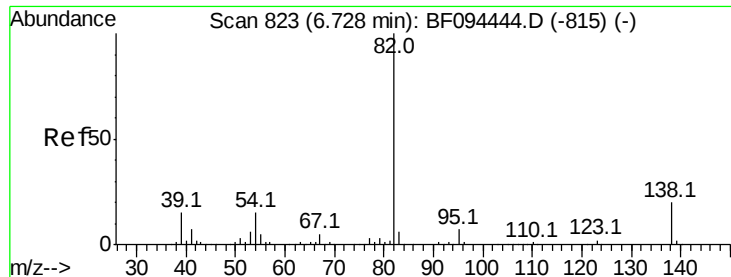
#24
 Nitrobenzene
 Concen: 43.99 ng
 RT: 6.43 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion: 77 Resp: 363168
 Ion Ratio Lower Upper
 77 100
 123 50.4 35.8 53.8
 65 13.0 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: 44.65 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

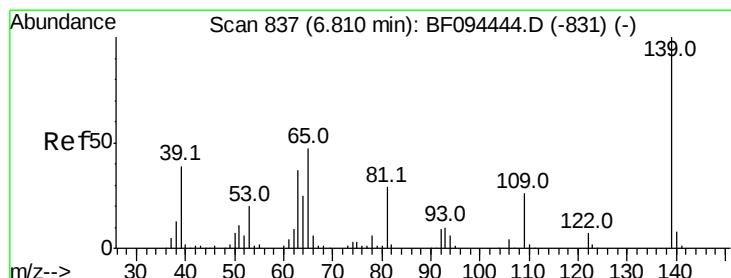
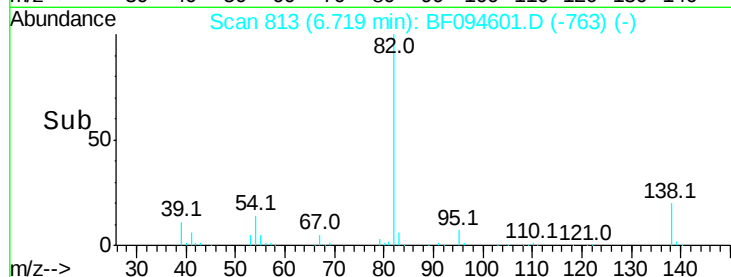
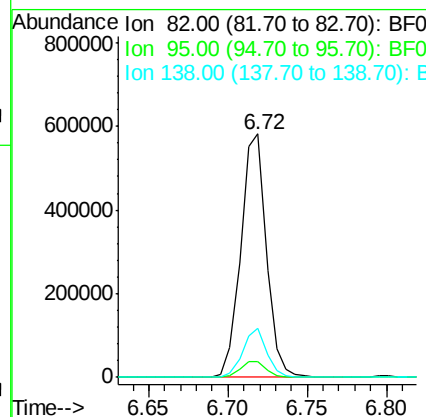
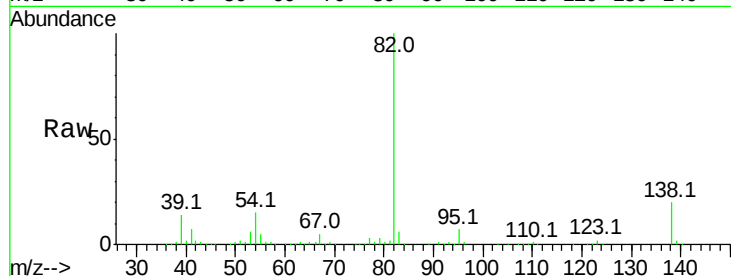
Tot Ion: 82 Resp: 648956

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 20.2 13.1 19.7#



#26

2-Nitrophenol

Concen: 45.12 ng

RT: 6.80 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

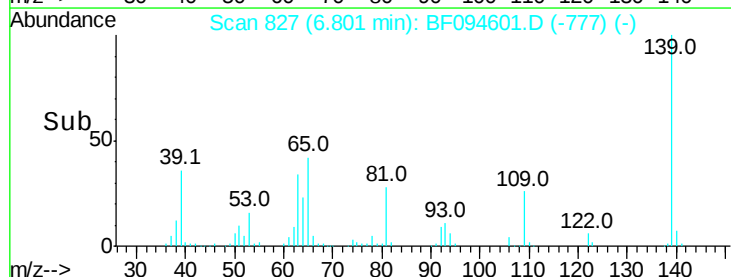
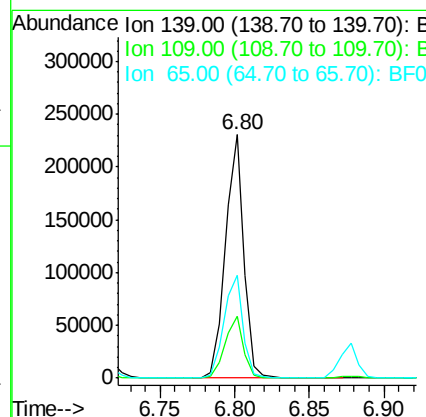
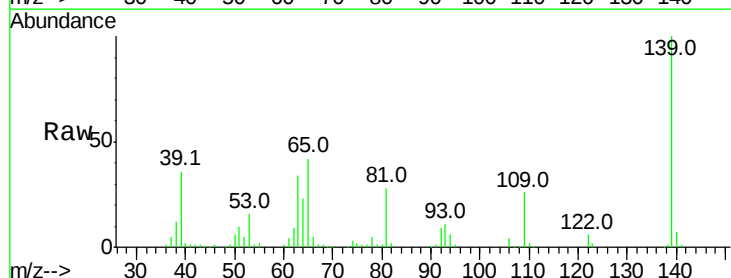
Tgt Ion: 139 Resp: 200124

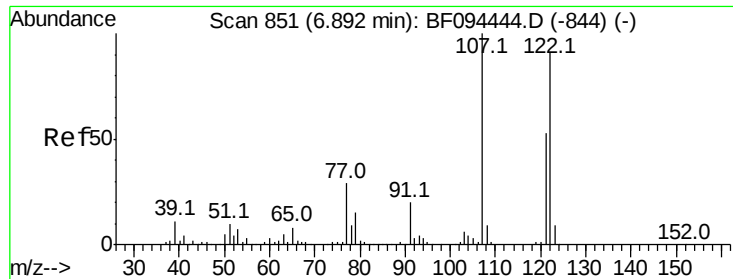
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 42.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.52 ng

RT: 6.88 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampled :

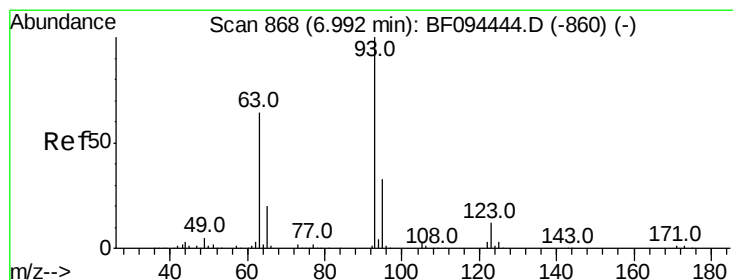
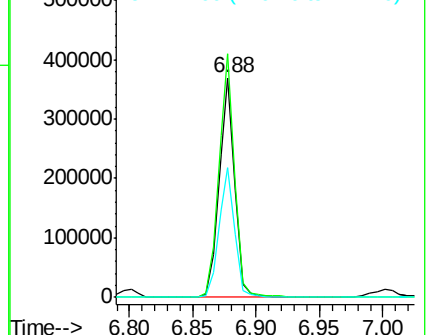
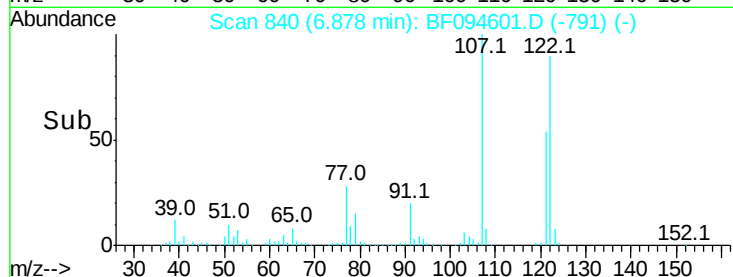
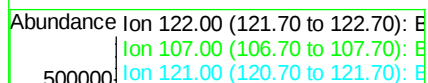
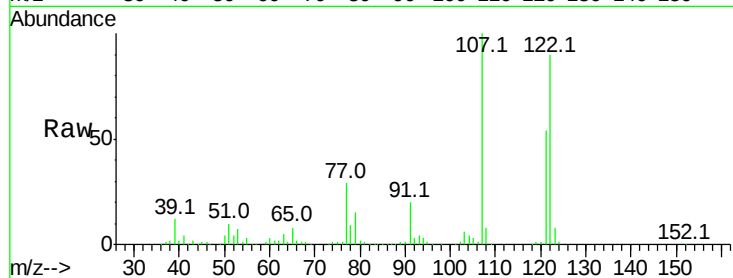
Tot Ion:122 Resp: 320768

Ion Ratio Lower Upper

122 100

107 111.0 89.2 133.8

121 59.4 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.56 ng

RT: 6.98 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

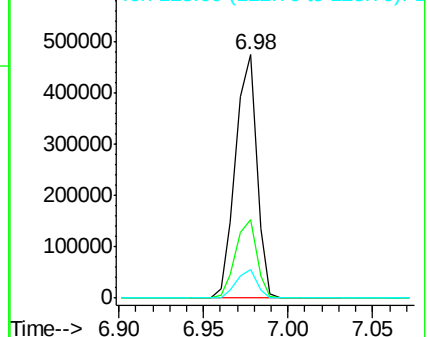
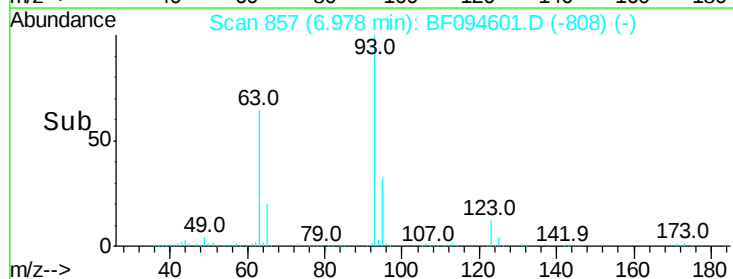
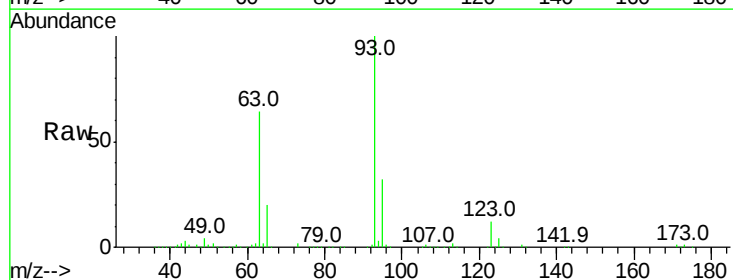
Tgt Ion: 93 Resp: 418918

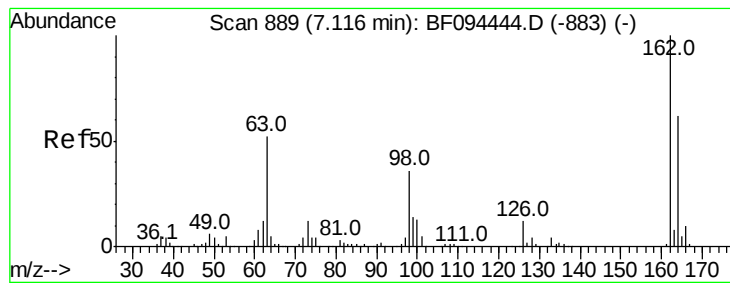
Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

123 11.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.91 ng

RT: 7.10 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampled :

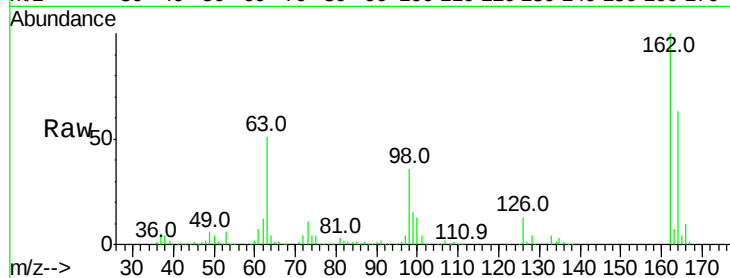
Tot Ion:162 Resp: 307734

Ion Ratio Lower Upper

162 100

164 63.1 44.6 84.6

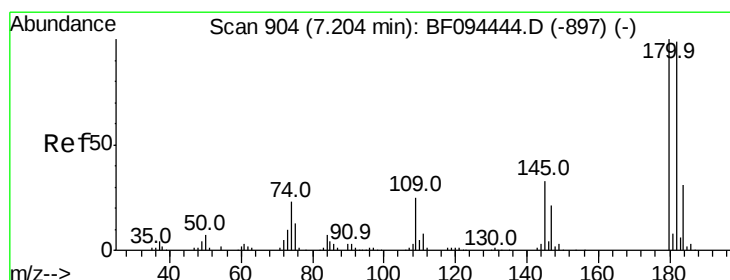
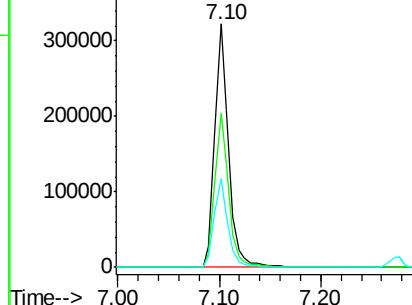
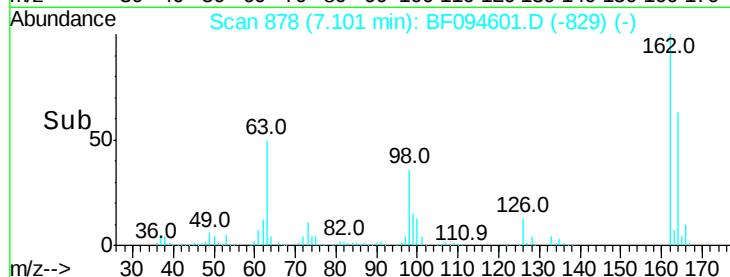
98 36.4 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.96 ng

RT: 7.18 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

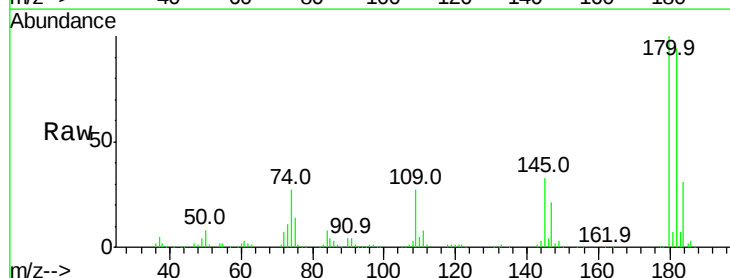
Tgt Ion:180 Resp: 297694

Ion Ratio Lower Upper

180 100

182 94.4 75.8 113.6

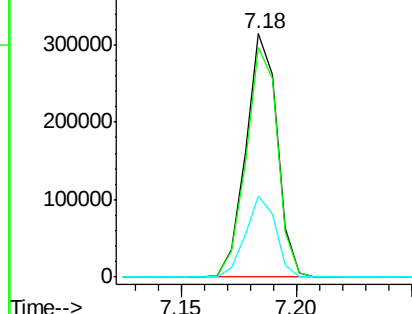
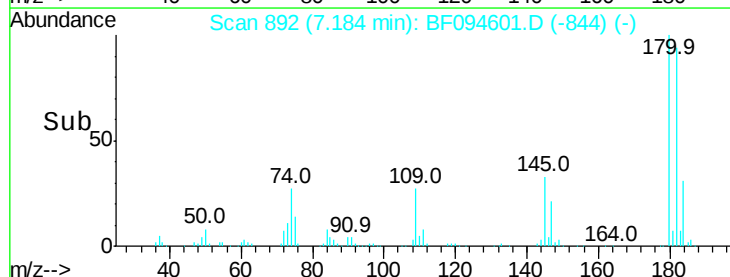
145 33.4 25.3 37.9

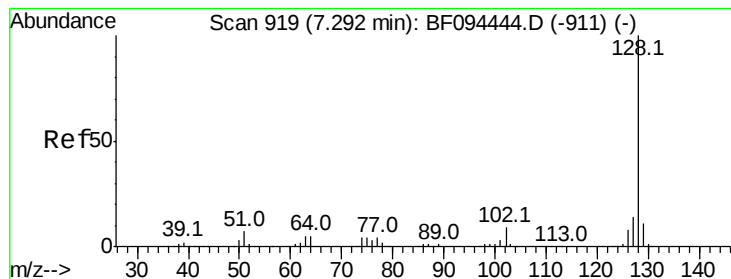


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.56 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampled :

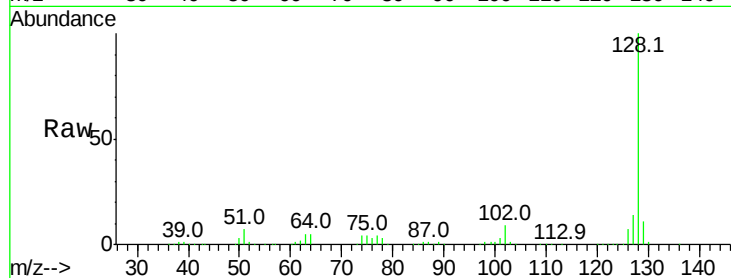
Tot Ion:128 Resp: 1013776

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

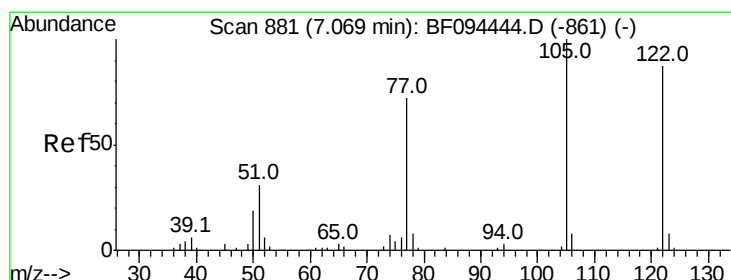
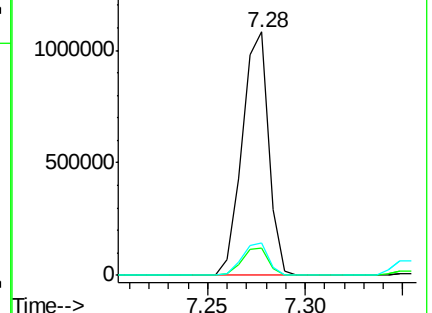
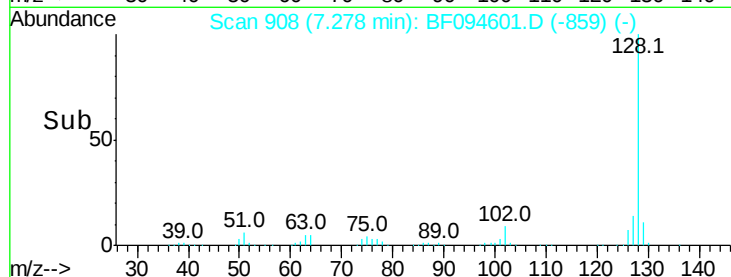
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.54 ng

RT: 7.00 min Scan# 861

Delta R.T. -0.07 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

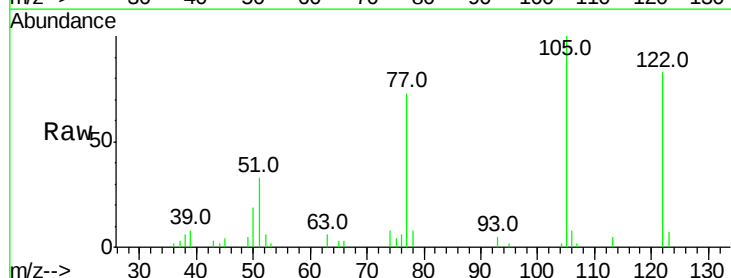
Tgt Ion:122 Resp: 21090

Ion Ratio Lower Upper

122 100

105 119.8 103.3 143.3

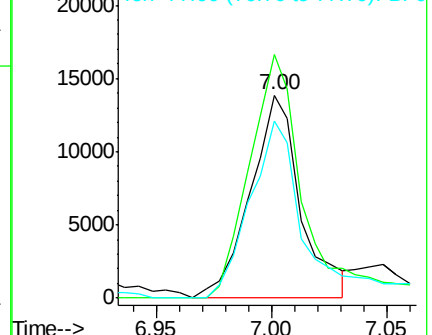
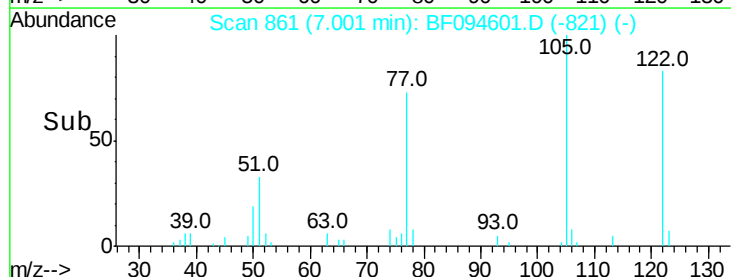
77 87.1 73.7 113.7

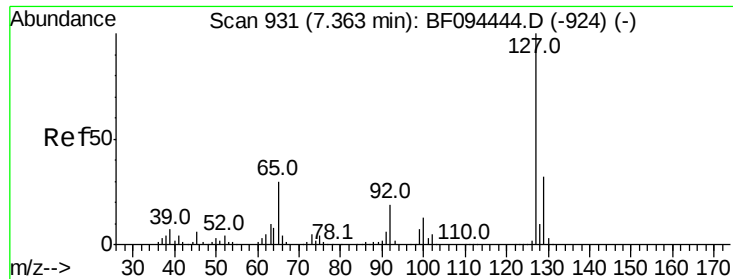


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

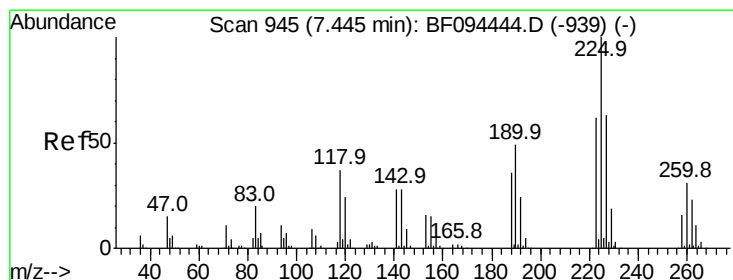
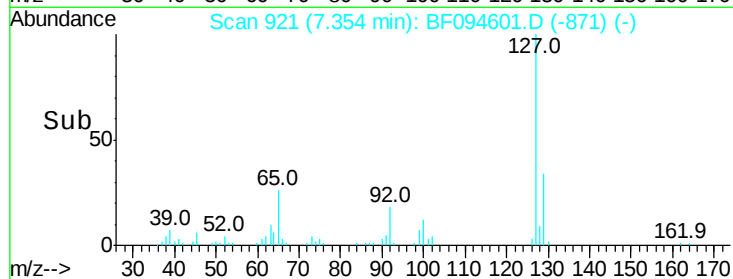
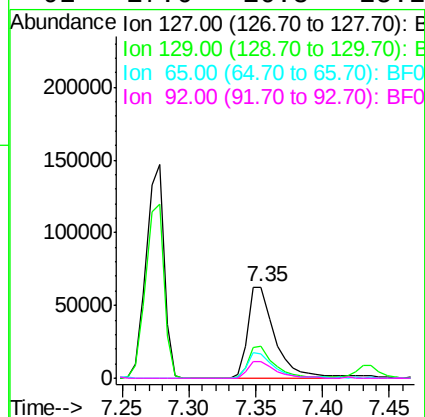
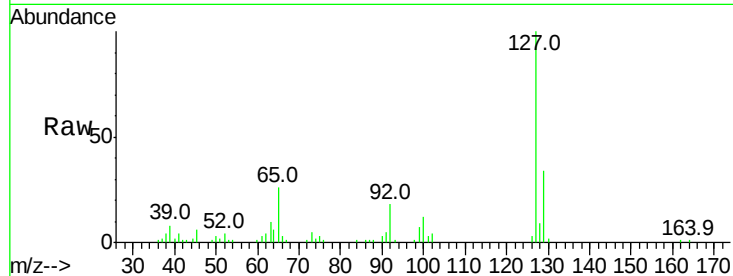




#33
4-Chloroaniline
Concen: 9.11 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

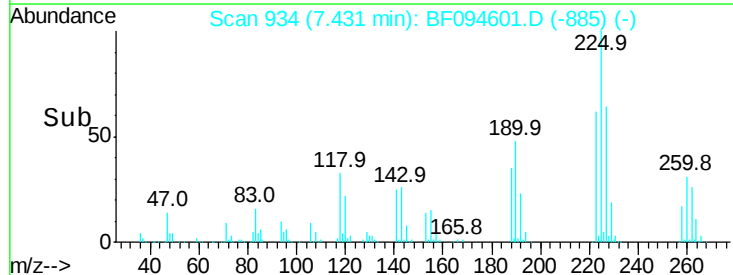
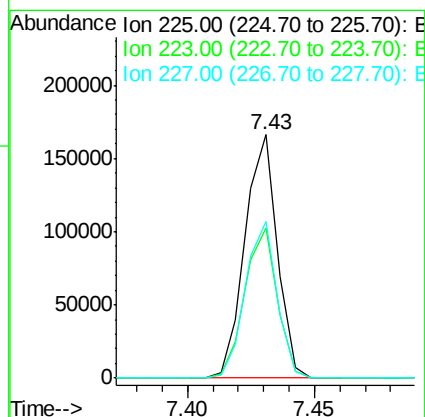
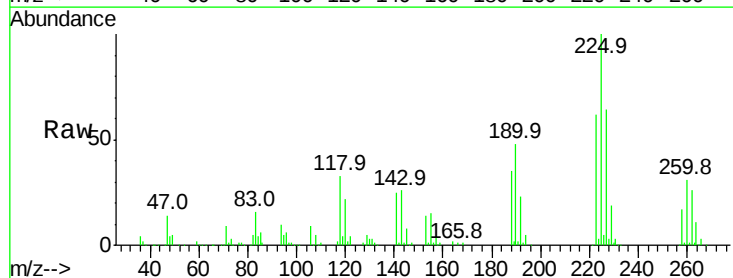
Instrument :
BNA_F
ClientSampleId :

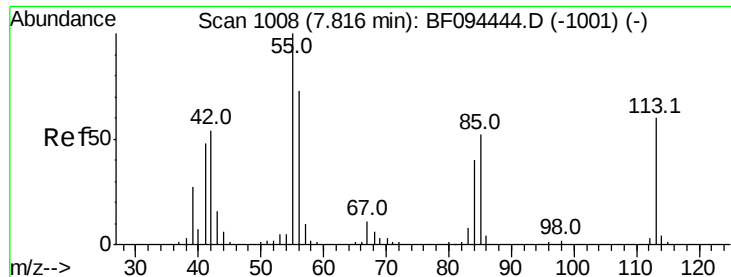
Tot Ion:	127	Resp:	88153
Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.2	39.2
65	26.4	27.8	41.8#
92	17.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.50 ng
RT: 7.43 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion:	225	Resp:	146832
Ion	Ratio	Lower	Upper
225	100		
223	61.5	48.8	73.2
227	64.5	51.1	76.7

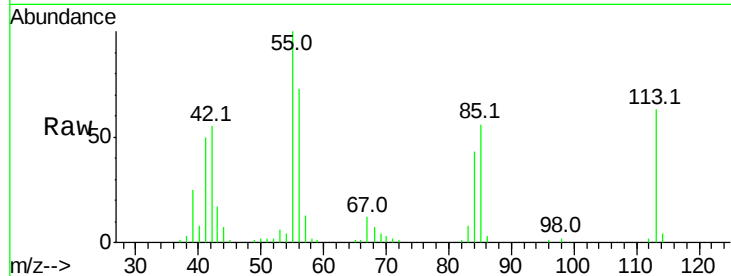




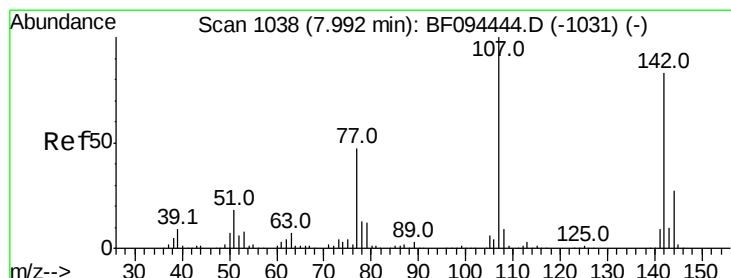
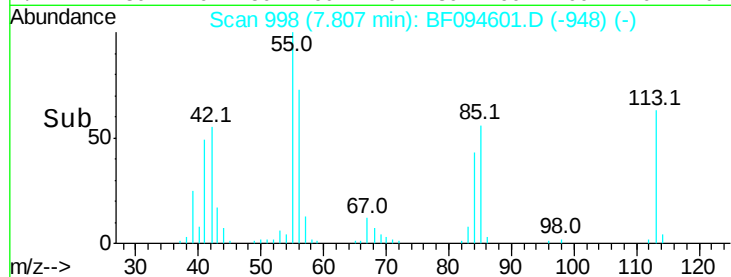
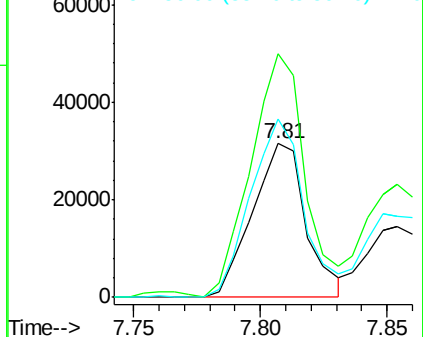
#35
Caprolactam
Concen: 22.15 ng
RT: 7.81 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 46634
Ion Ratio Lower Upper
113 100
55 158.4 150.2 190.2
56 115.6 107.8 147.8

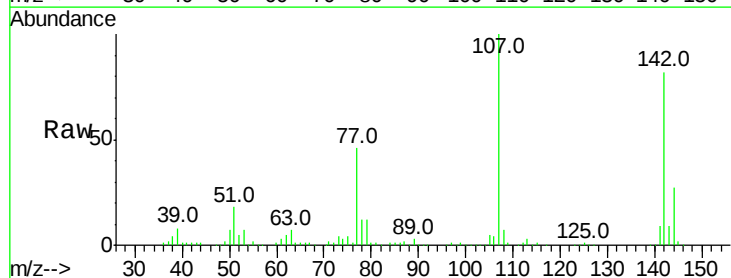


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

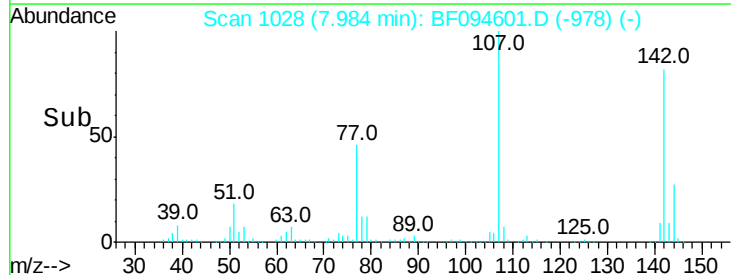
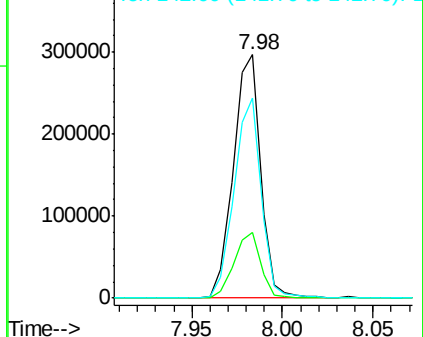


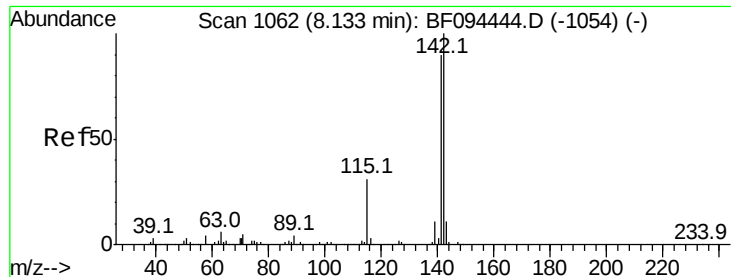
#36
4-Chloro-3-methylphenol
Concen: 44.45 ng
RT: 7.98 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion:107 Resp: 312191
Ion Ratio Lower Upper
107 100
144 26.8 24.2 36.4
142 82.2 73.4 110.0



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

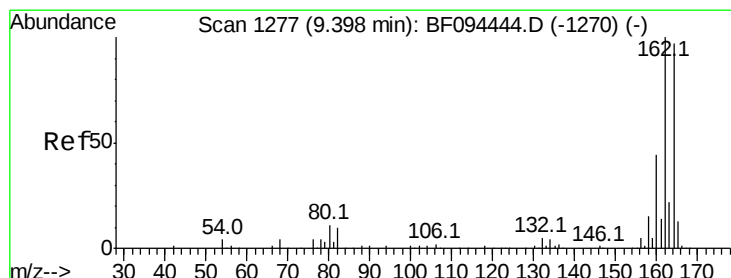
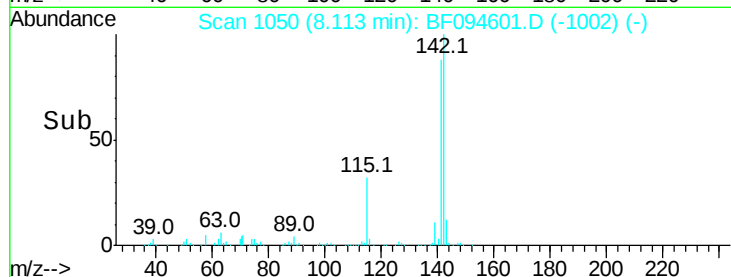
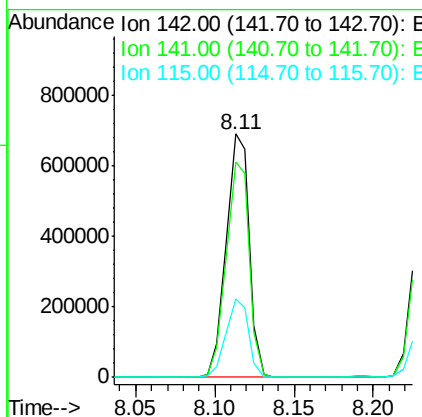
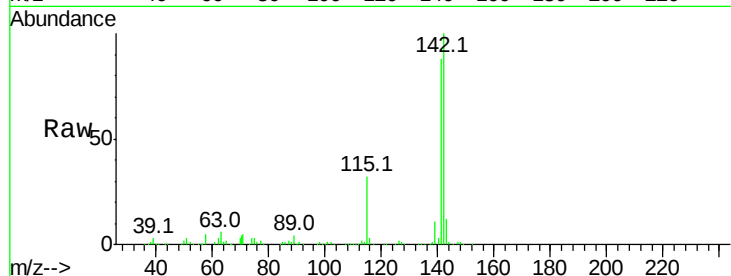




#37
 2-Methylnaphthalene
 Concen: 43.57 ng
 RT: 8.11 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

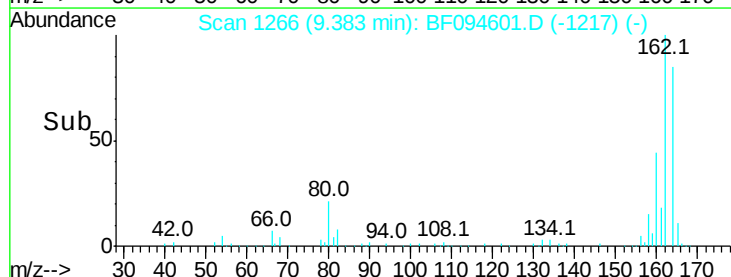
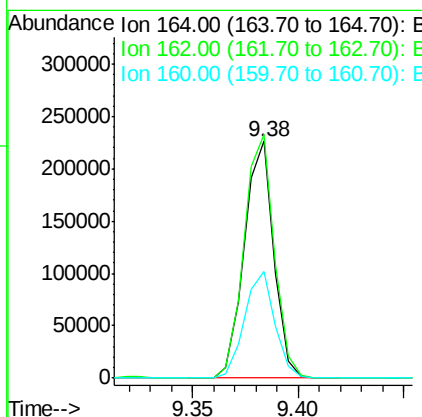
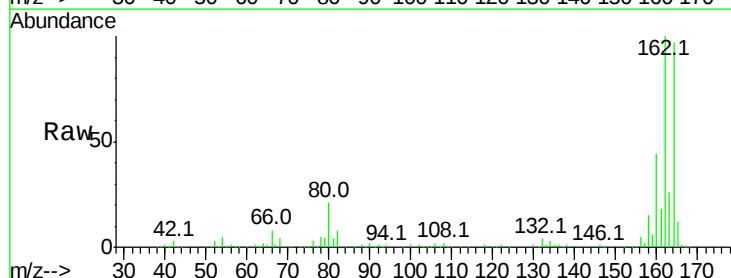
Instrument :
 BNA_F
 ClientSampled :

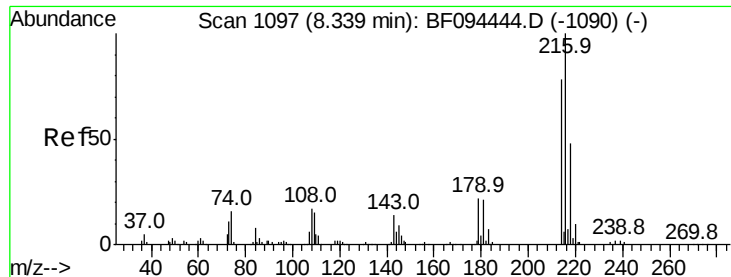
Tot Ion:142 Resp: 693772
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.3 106.9
 115 32.3 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion:164 Resp: 218734
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 123.8
 160 45.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.03 ng

RT: 8.32 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 268018

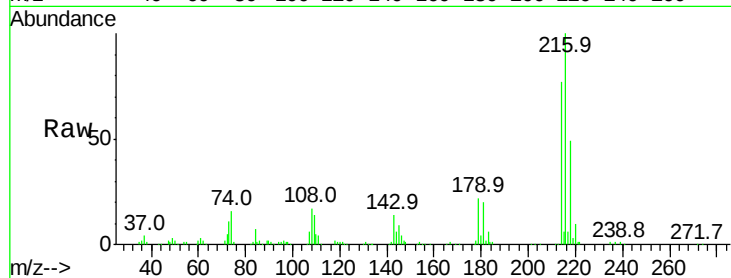
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 22.3 17.9 26.9

108 21.0 16.5 24.7

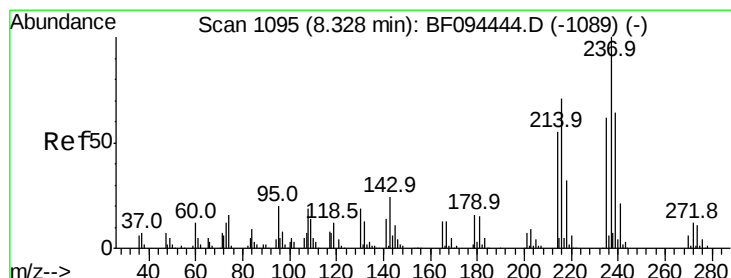
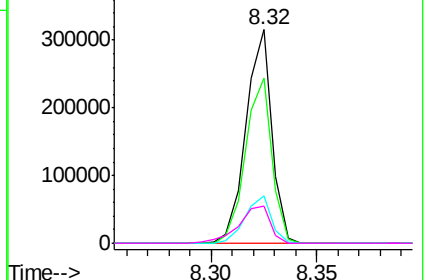
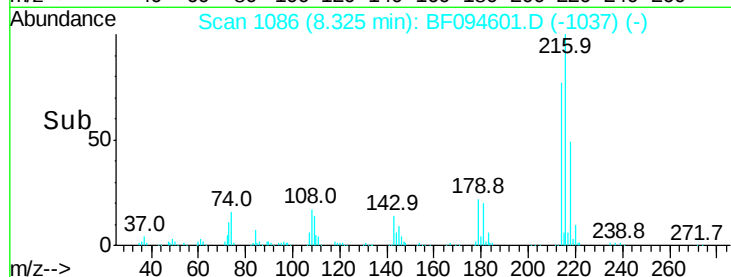


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.89 ng

RT: 8.31 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

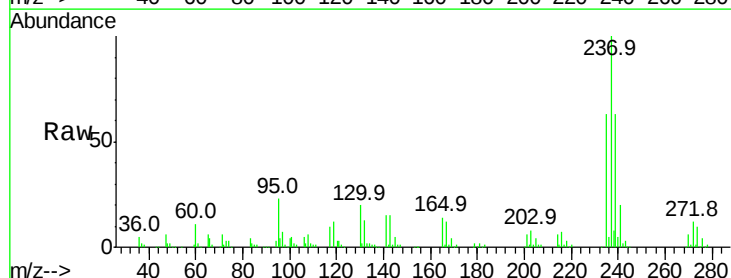
Tgt Ion:237 Resp: 191210

Ion Ratio Lower Upper

237 100

235 62.9 42.6 82.6

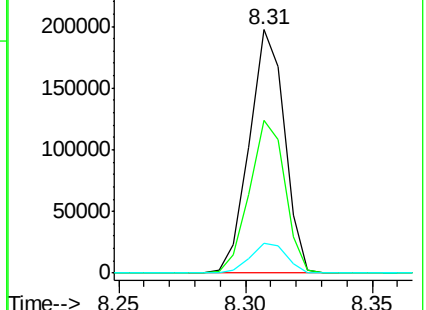
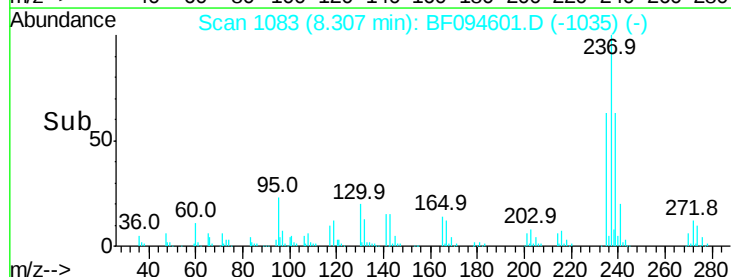
272 12.2 0.0 31.9

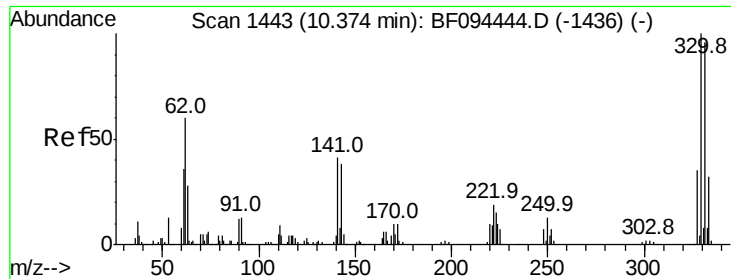


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

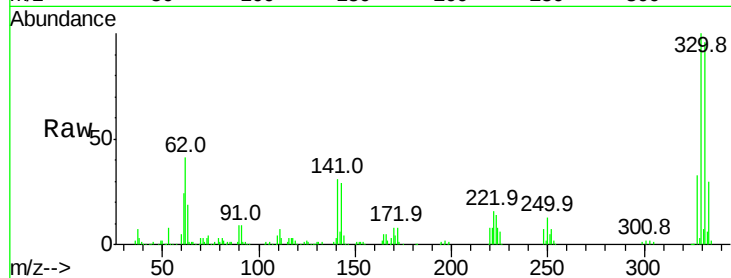




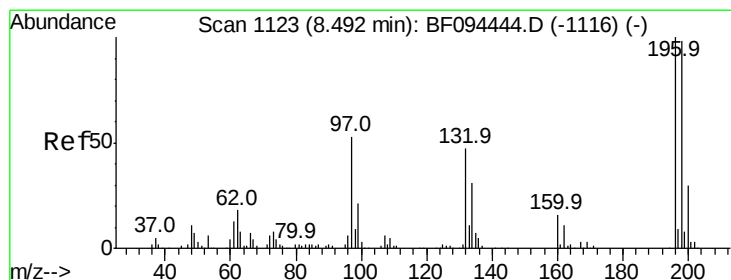
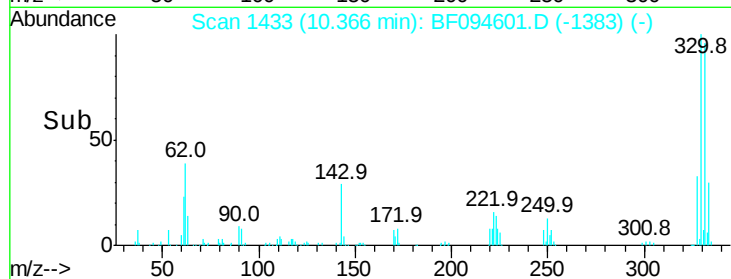
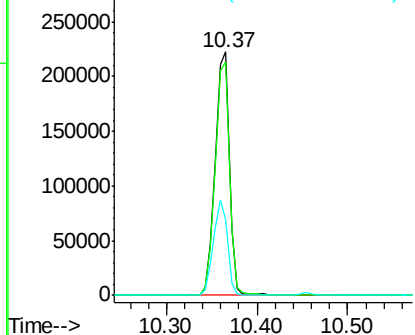
#41
 2,4,6-Tribromophenol
 Concen: 142.03 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 243000
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 39.2 31.4 47.2

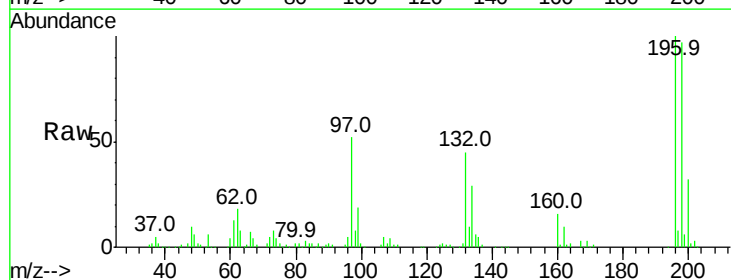


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

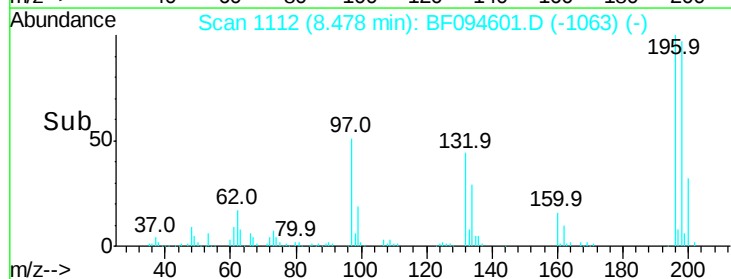
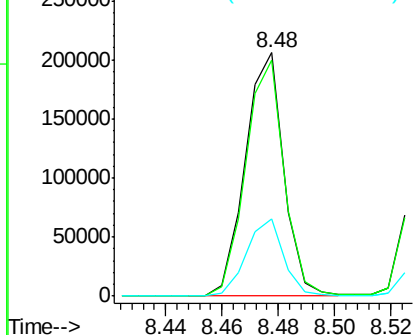


#42
 2,4,6-Trichlorophenol
 Concen: 44.53 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion:196 Resp: 194779
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.2 111.4
 200 31.5 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

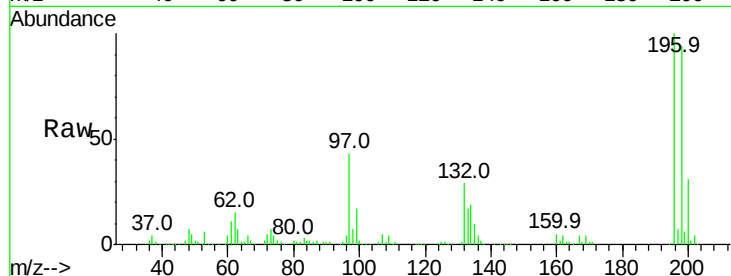




#43
 2,4,5-Trichlorophenol
 Concen: 46.41 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.7	113.5
97	43.5	47.7	71.5#
132	29.0	28.0	42.0



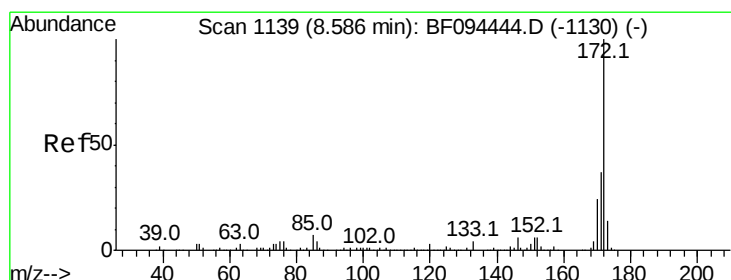
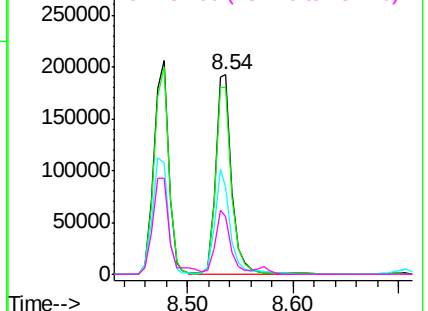
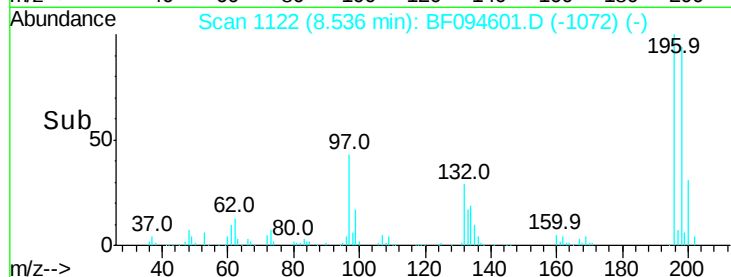
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

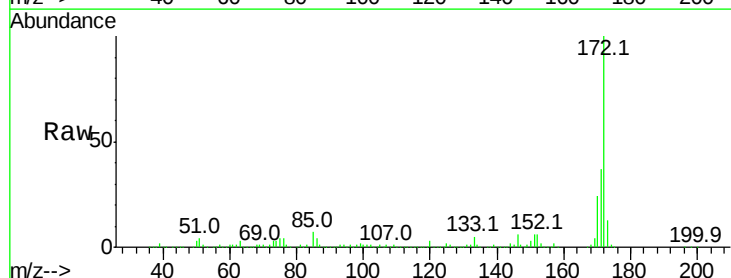
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.91 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.1	19.8	29.8

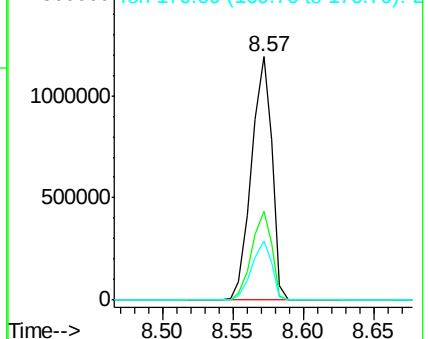
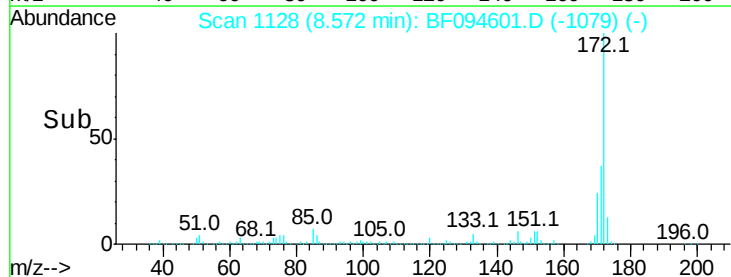


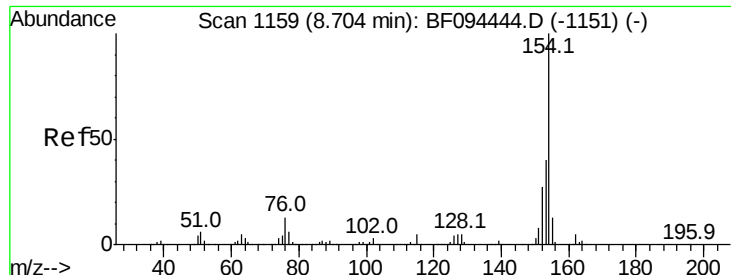
Abundance

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: 43.35 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

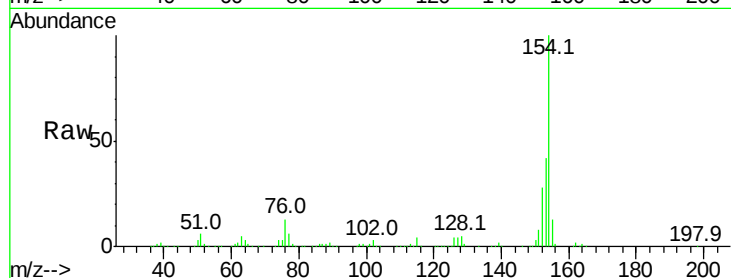
Tot Ion:154 Resp: 774737

Ion Ratio Lower Upper

154 100

153 41.7 21.2 61.2

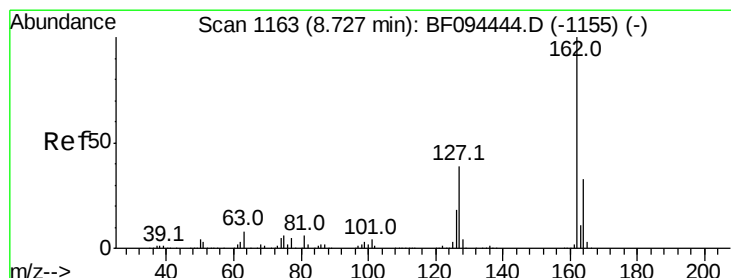
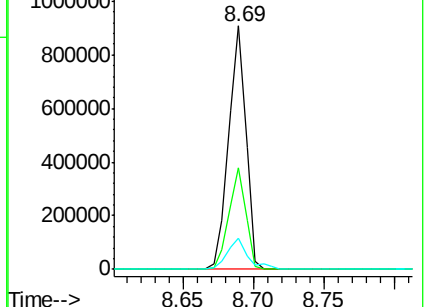
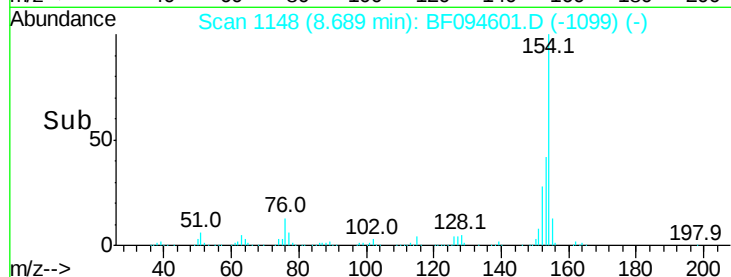
76 12.9 0.0 29.9



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: 43.61 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

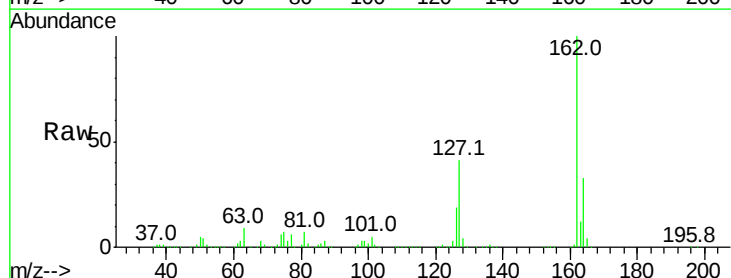
Tgt Ion:162 Resp: 619697

Ion Ratio Lower Upper

162 100

127 40.8 28.3 42.5

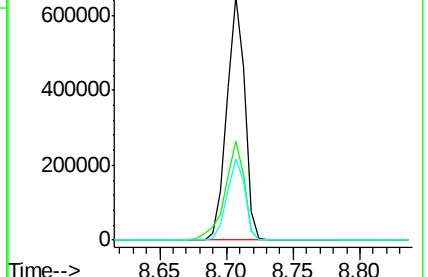
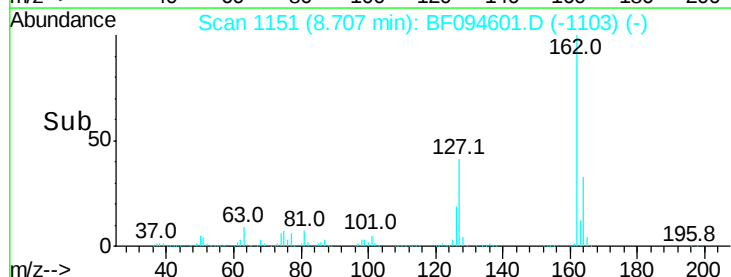
164 33.2 27.0 40.4

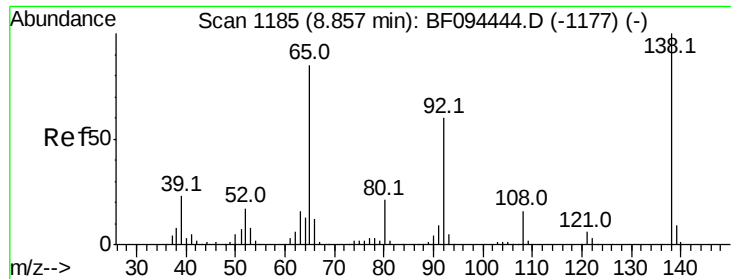


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

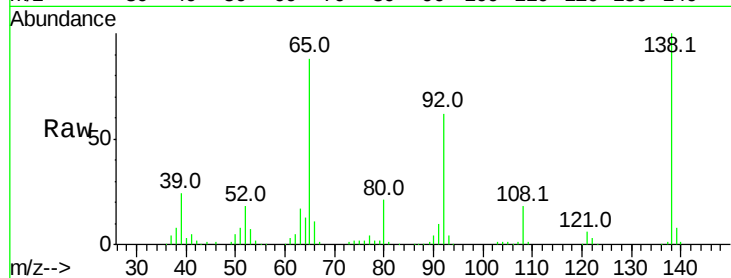




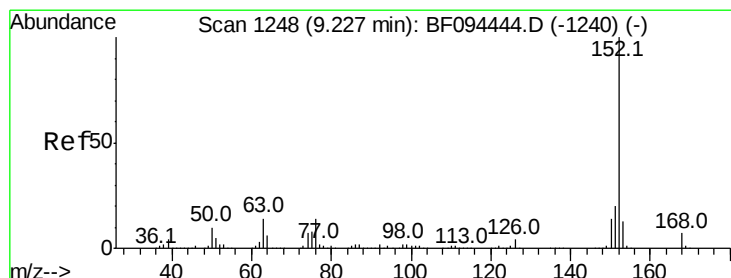
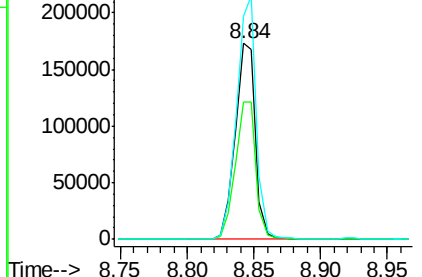
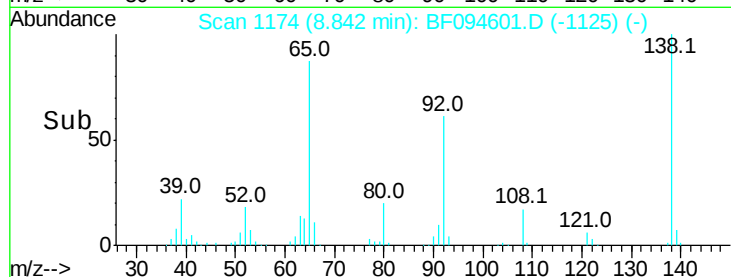
#47
2-Nitroaniline
Concen: 44.89 ng
RT: 8.84 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 183517
Ion Ratio Lower Upper
65 100
92 70.4 53.9 80.9
138 114.3 78.8 118.2

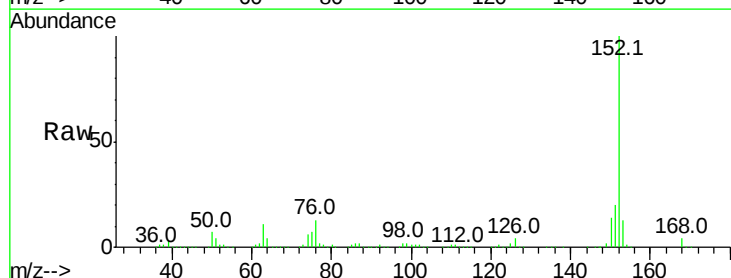


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

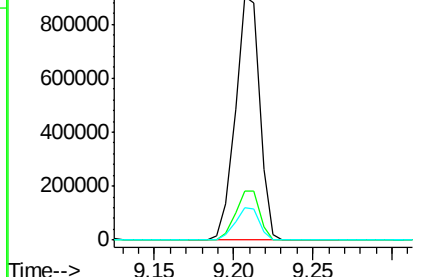
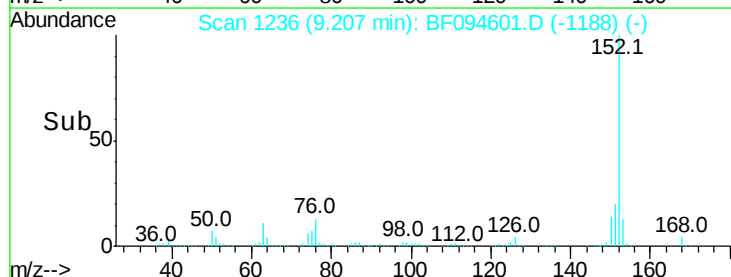


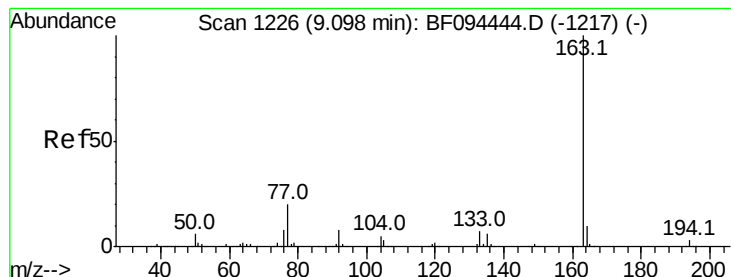
#48
Acenaphthylene
Concen: 43.13 ng
RT: 9.21 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion:152 Resp: 955427
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 13.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 53.16 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

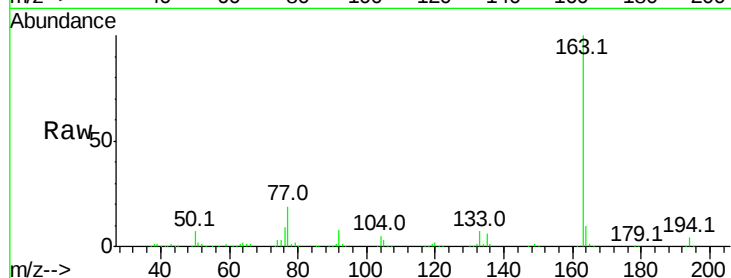
Tot Ion:163 Resp: 866488

Ion Ratio Lower Upper

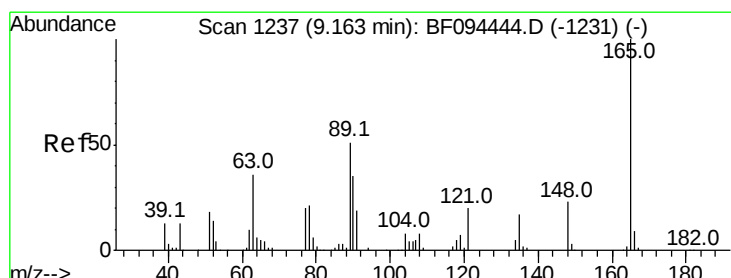
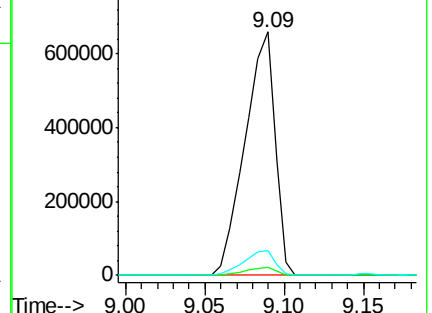
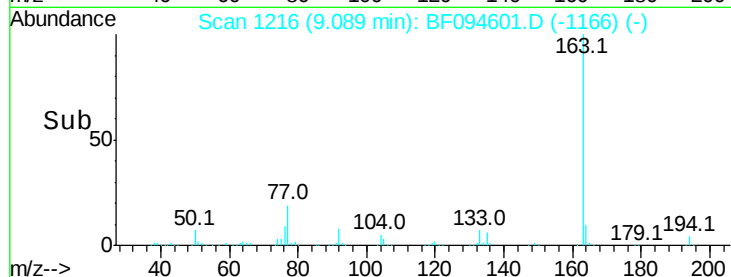
163 100

194 3.6 2.6 4.0

164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.34 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

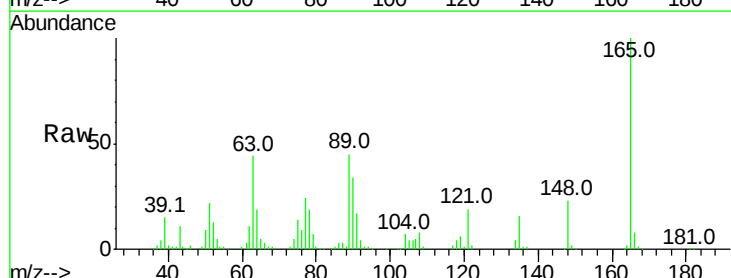
Tgt Ion:165 Resp: 169569

Ion Ratio Lower Upper

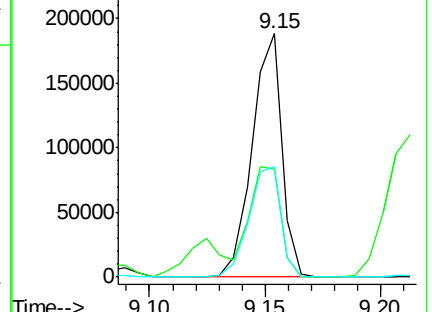
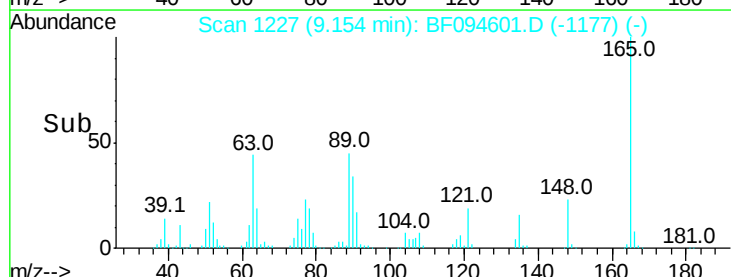
165 100

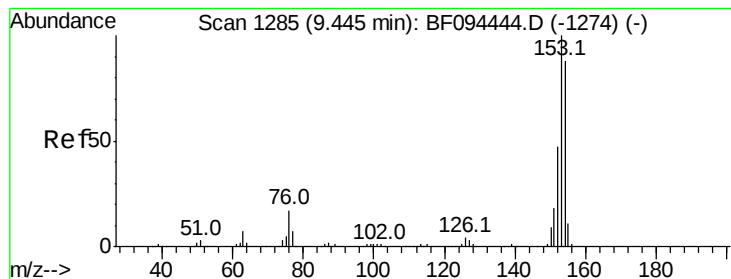
63 44.4 34.3 51.5

89 45.5 37.1 55.7



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





#51

Acenaphthene

Concen: 43.79 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampled :

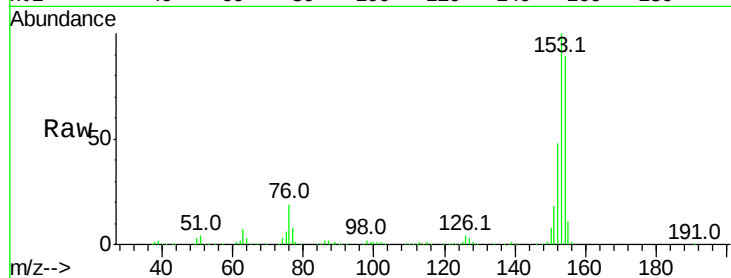
Tot Ion:154 Resp: 581001

Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

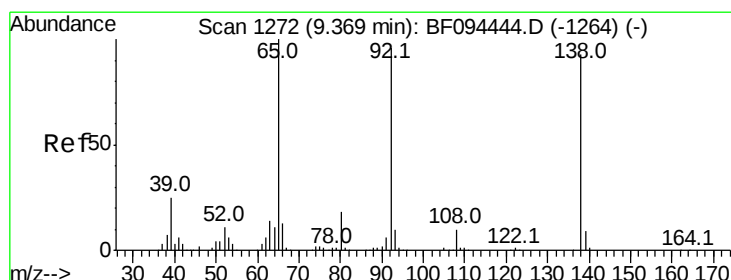
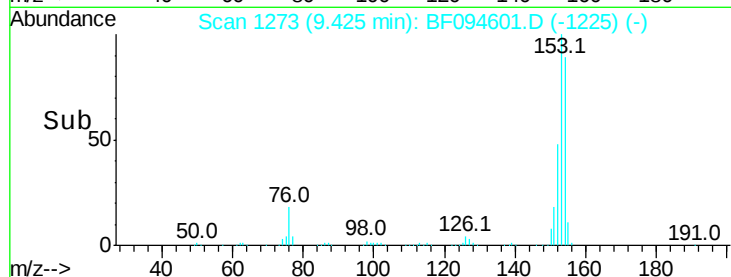
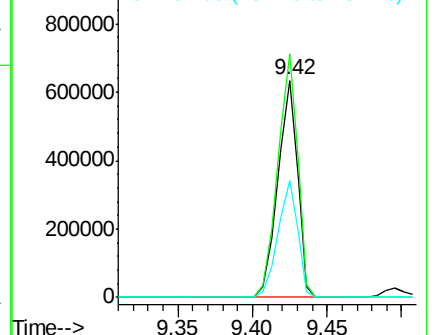
152 53.8 43.6 65.4



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: 21.94 ng

RT: 9.35 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

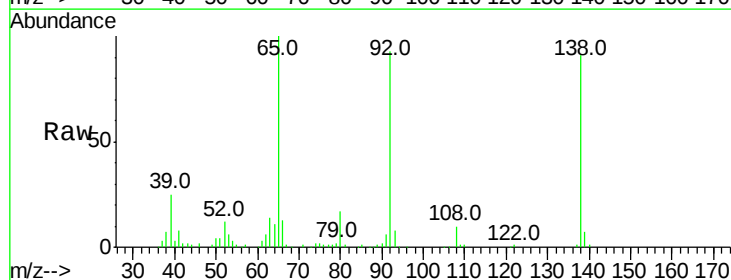
Tgt Ion:138 Resp: 92876

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

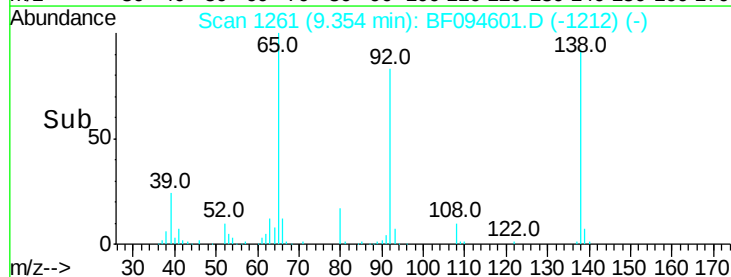
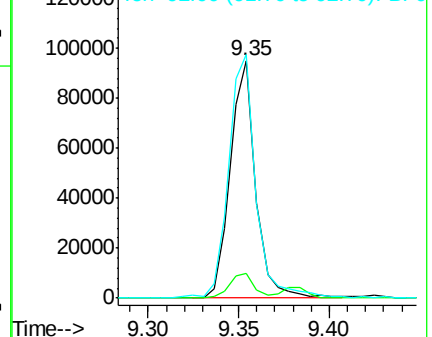
92 102.6 93.8 140.6

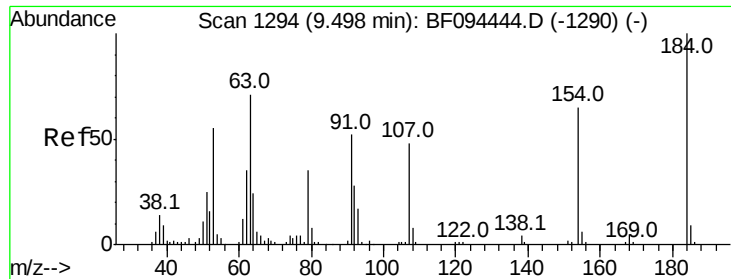


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

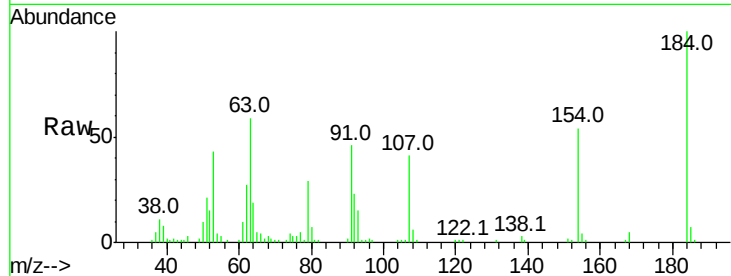




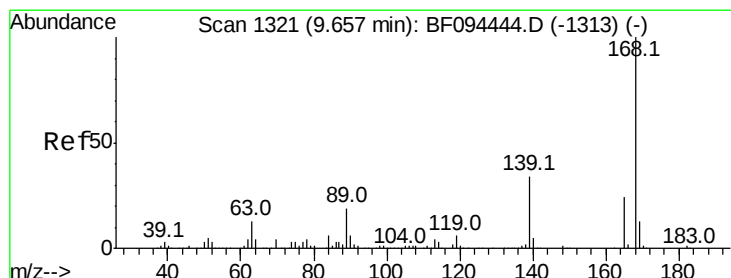
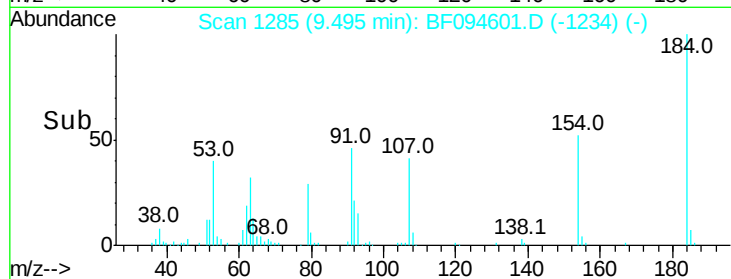
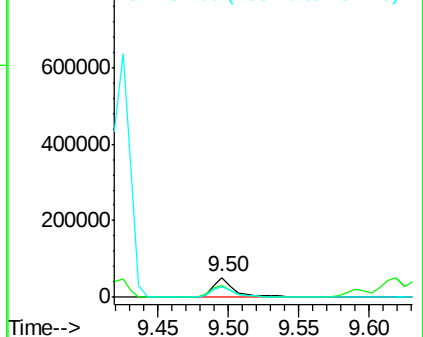
#53
 2,4-Dinitrophenol
 Concen: 33.28 ng
 RT: 9.50 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 58873
 Ion Ratio Lower Upper
 184 100
 63 58.9 62.7 94.1#
 154 54.0 81.1 121.7#

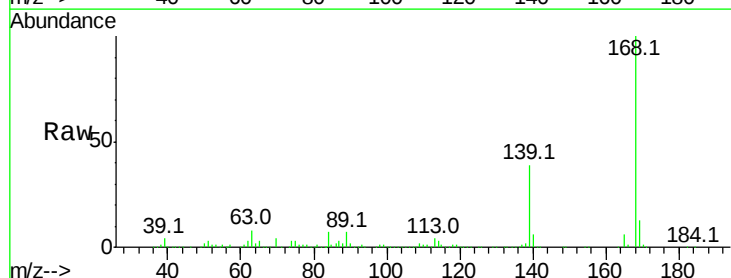


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

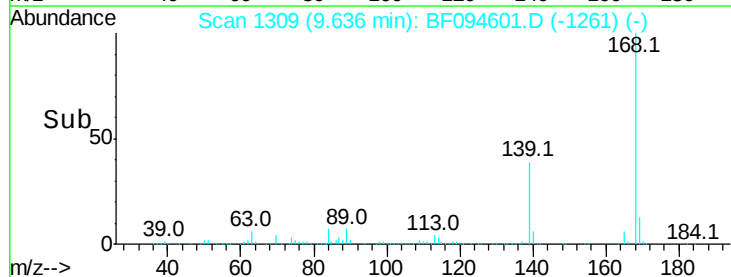
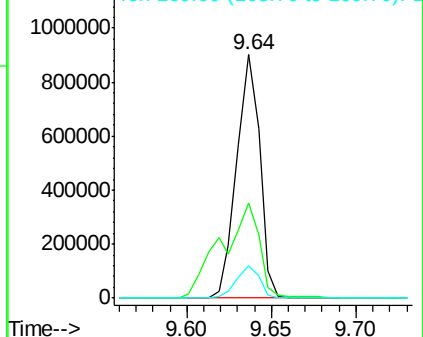


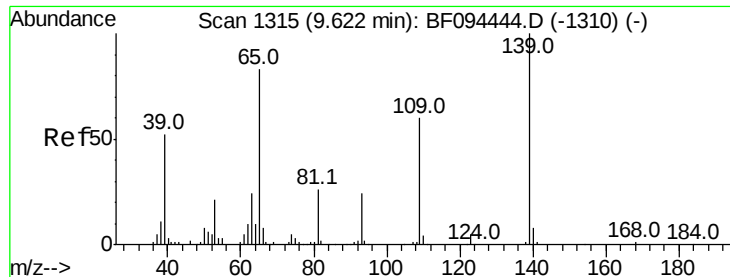
#54
 Dibenzofuran
 Concen: 44.58 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion:168 Resp: 859692
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.6 45.8
 169 13.3 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

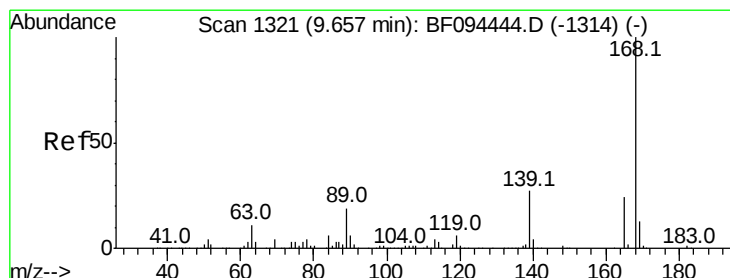
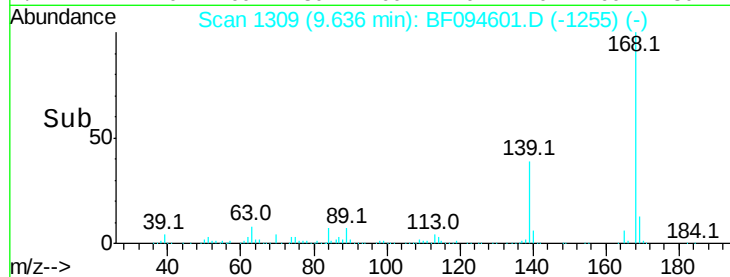
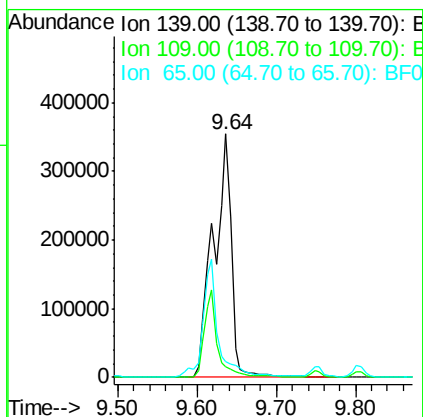
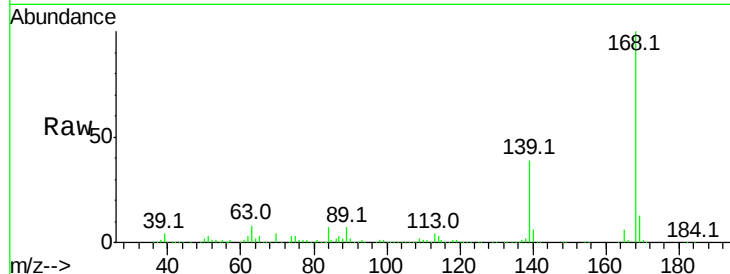




#55
4-Nitrophenol
Concen: 190.13 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

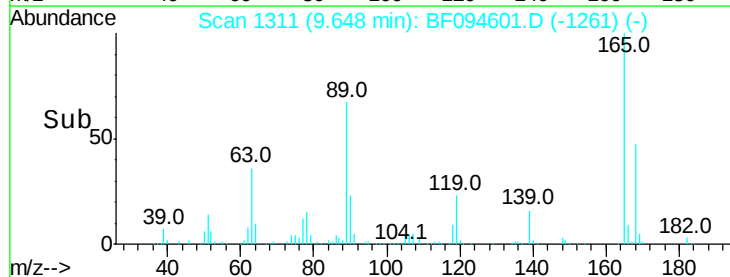
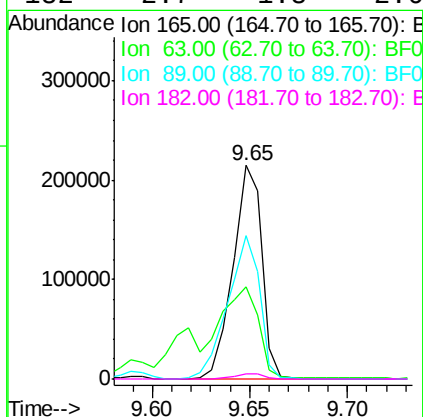
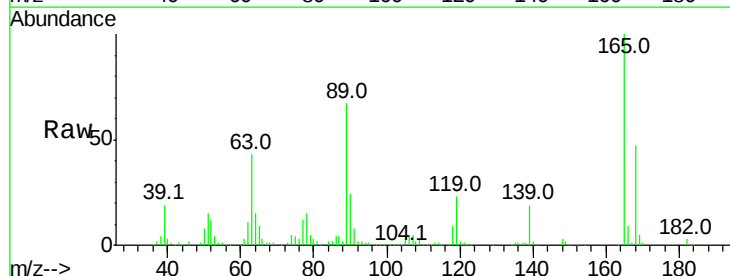
Instrument :
BNA_F
ClientSampled :

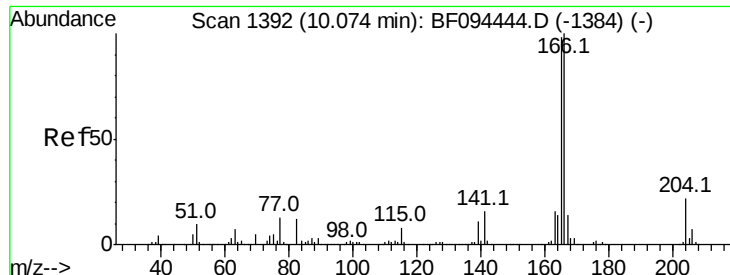
Tot Ion:139 Resp: 568600
Ion Ratio Lower Upper
139 100
109 4.3 34.1 74.1#
65 6.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.82 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion:165 Resp: 219200
Ion Ratio Lower Upper
165 100
63 43.3 25.4 38.0#
89 67.4 46.4 69.6
182 2.7 1.8 2.6#

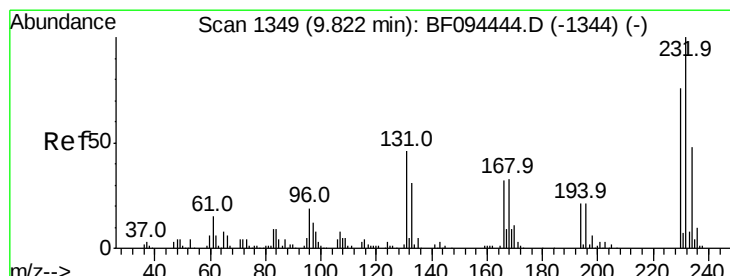
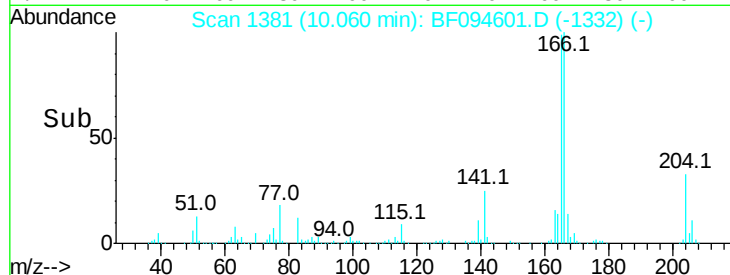
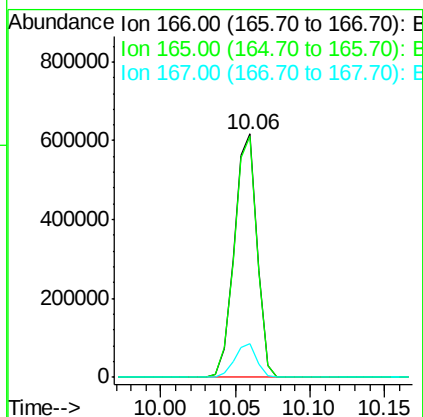
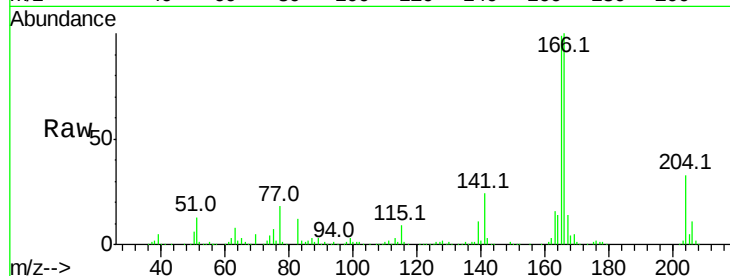




#57
Fluorene
 Concen: 43.83 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

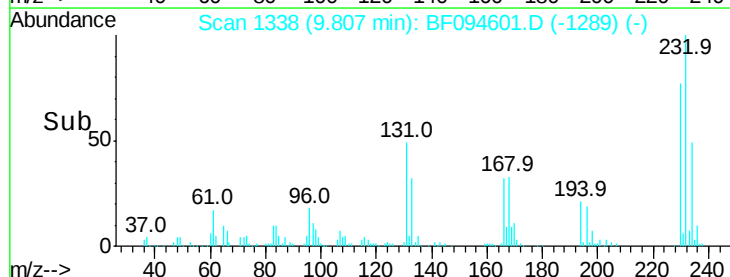
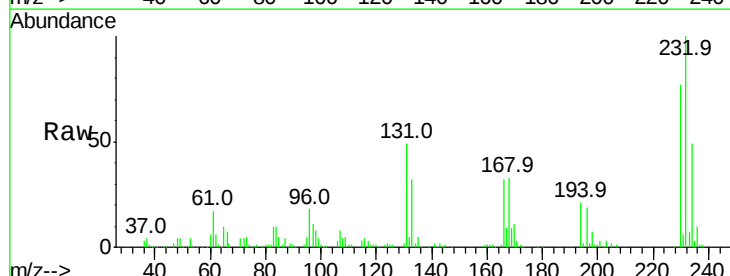
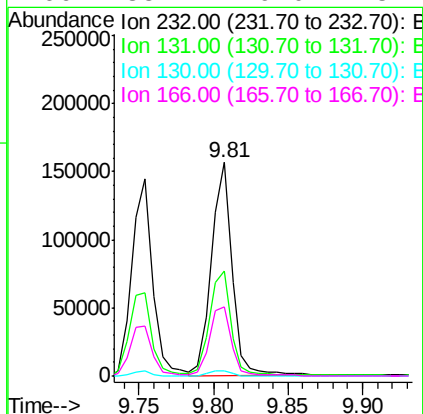
Instrument :
 BNA_F
 ClientSampled :

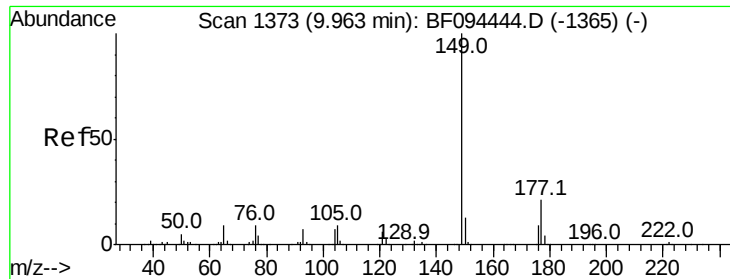
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.8	118.2
167	13.8	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.84 ng
 RT: 9.81 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.3	44.8	67.2
130	2.7	2.3	3.5
166	35.7	29.0	43.4

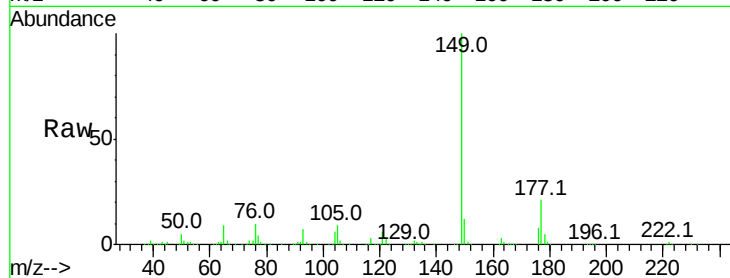




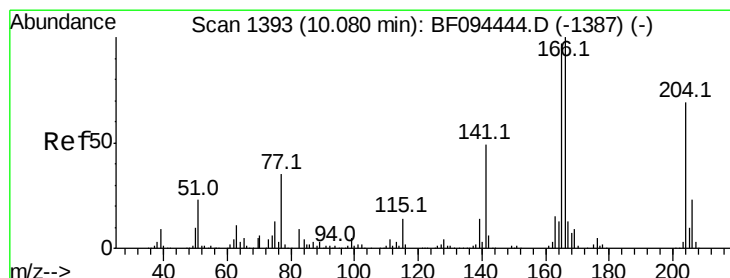
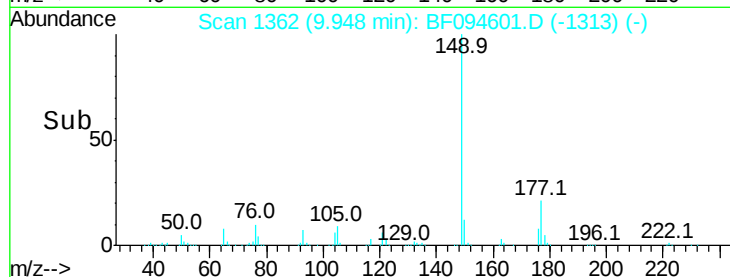
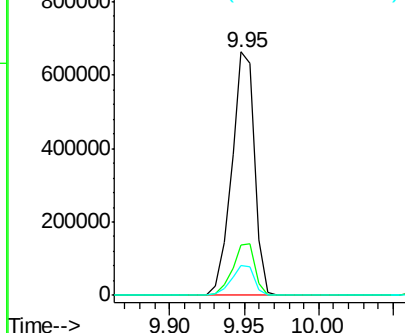
#59
Diethylphthalate
Concen: 46.25 ng
RT: 9.95 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 711313
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.4 10.2 15.2

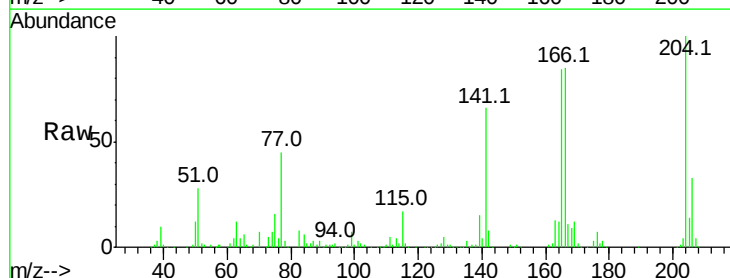


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

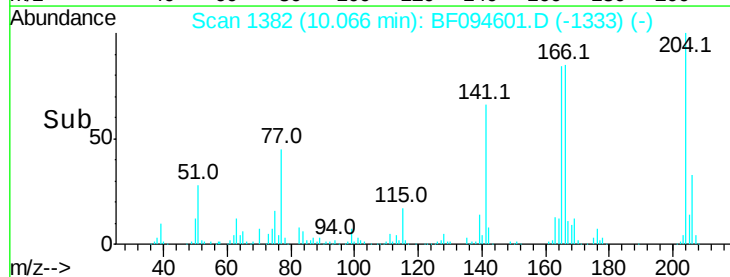
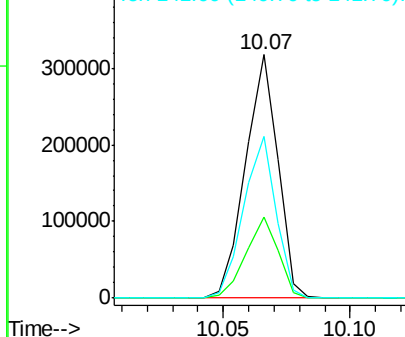


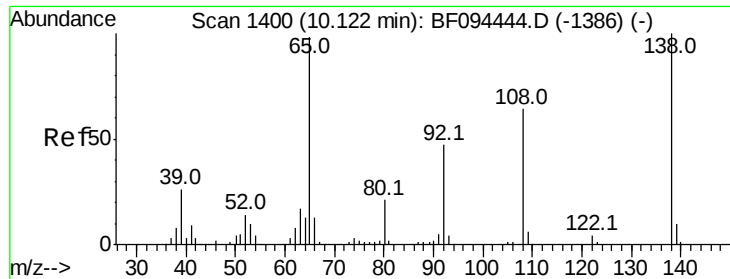
#60
4-Chlorophenyl-phenylether
Concen: 45.24 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion:204 Resp: 282714
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 66.3 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

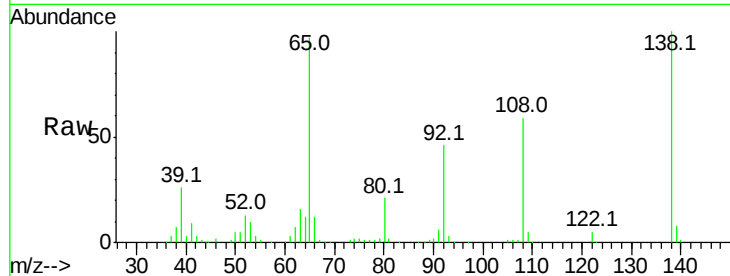




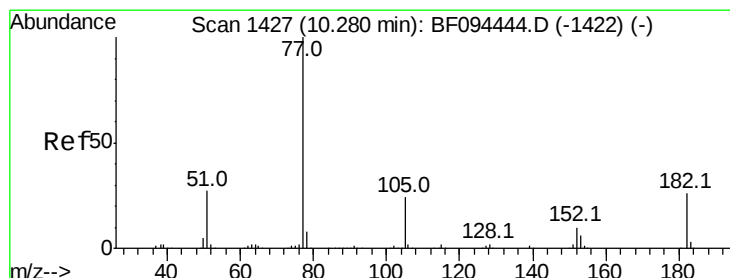
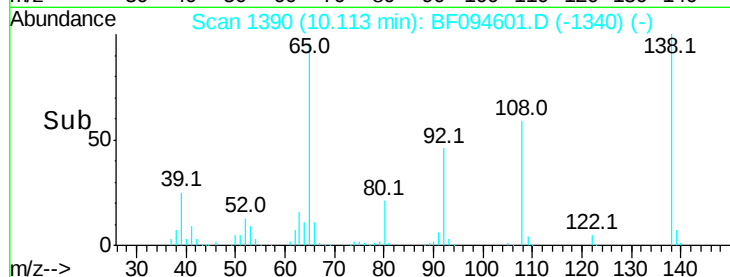
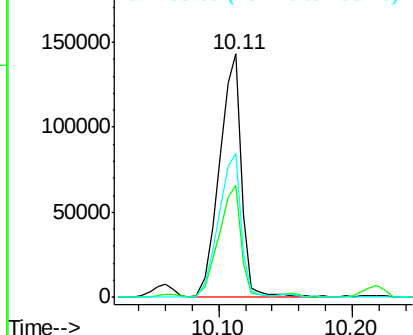
#61
4-Nitroaniline
Concen: 38.92 ng
RT: 10.11 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 167507
Ion Ratio Lower Upper
138 100
92 46.1 21.8 61.8
108 59.2 42.3 82.3

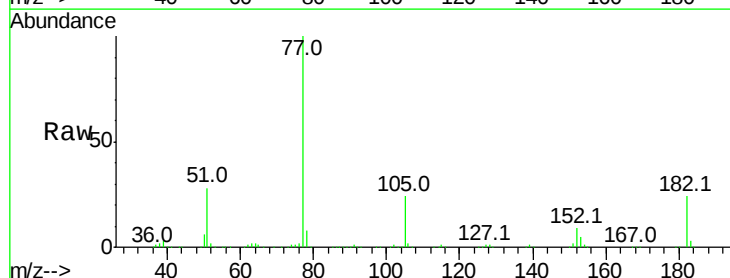


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

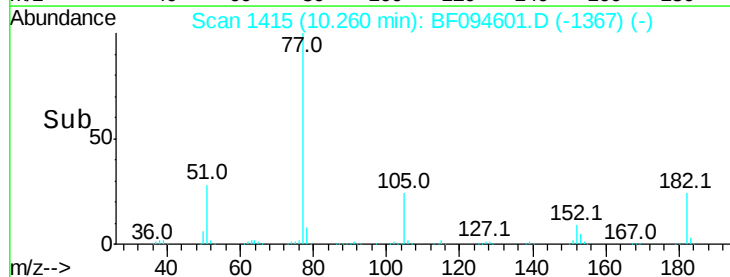
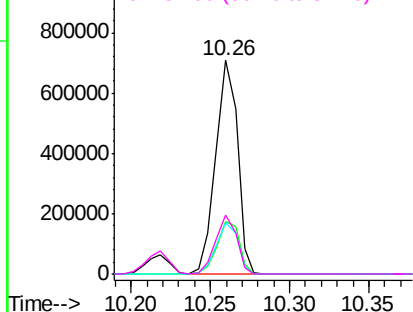


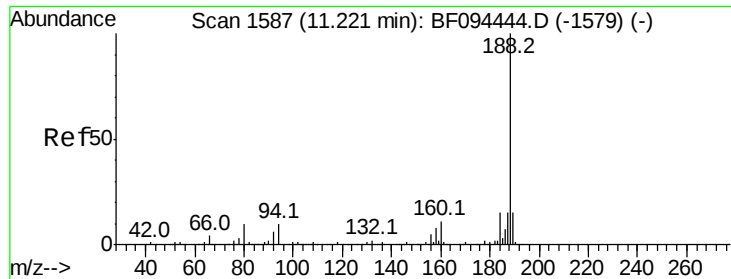
#62
Azobenzene
Concen: 45.54 ng
RT: 10.26 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion: 77 Resp: 679999
Ion Ratio Lower Upper
77 100
182 24.4 0.1 40.1
105 23.9 3.6 43.6
51 27.9 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

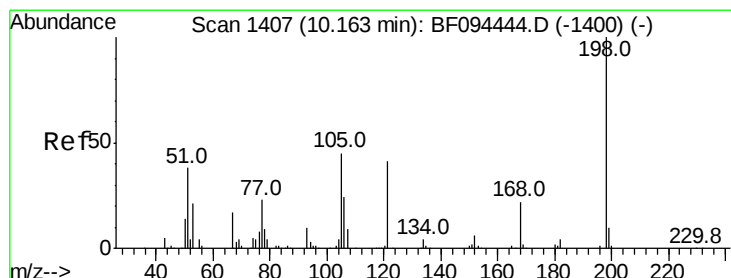
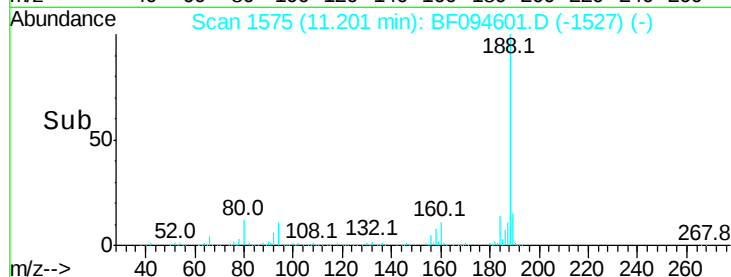
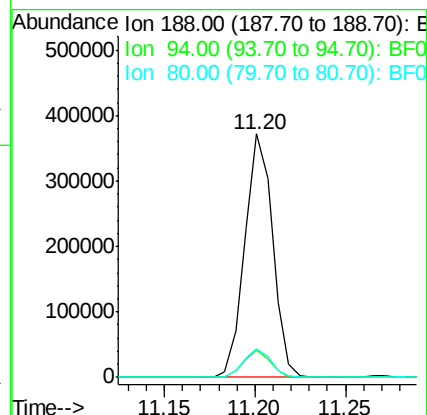
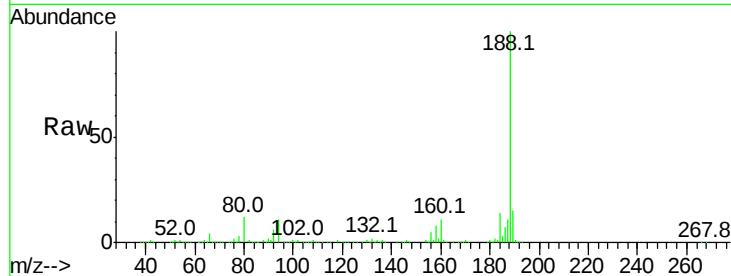




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

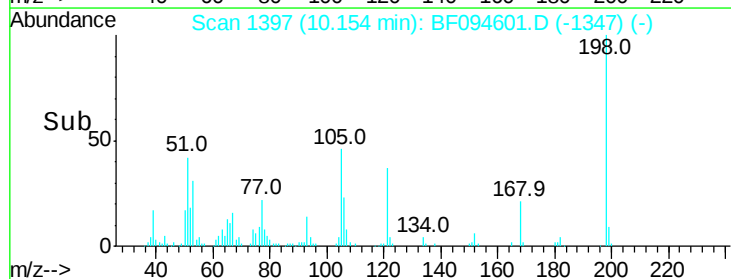
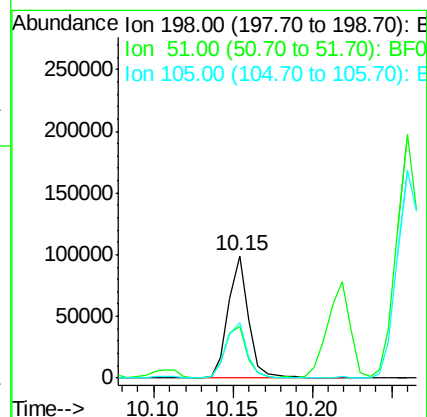
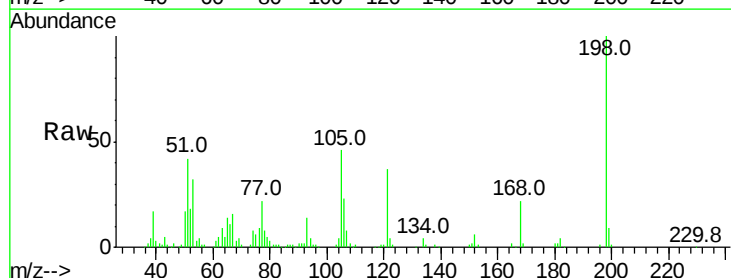
Instrument :
BNA_F
ClientSampleId :

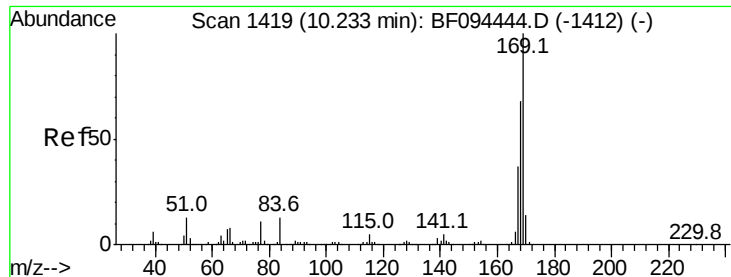
Tot Ion:188 Resp: 395981
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 34.07 ng
RT: 10.15 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion:198 Resp: 88380
Ion Ratio Lower Upper
198 100
51 42.4 53.2 93.2#
105 45.8 45.8 85.8#

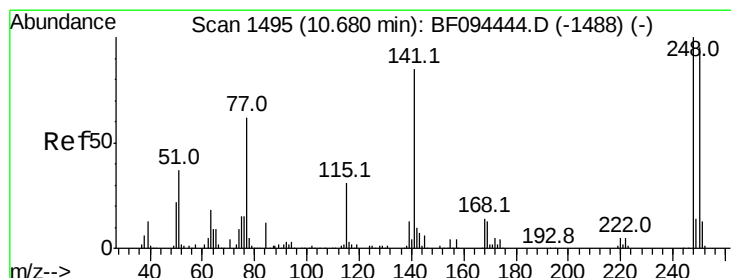
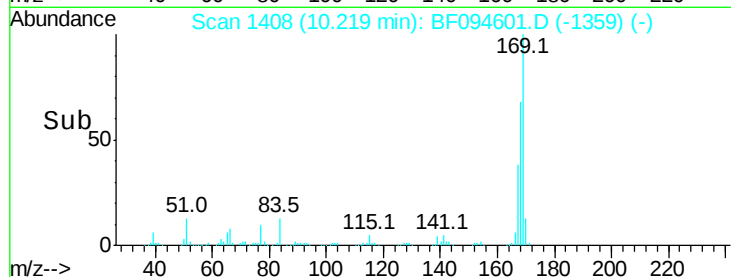
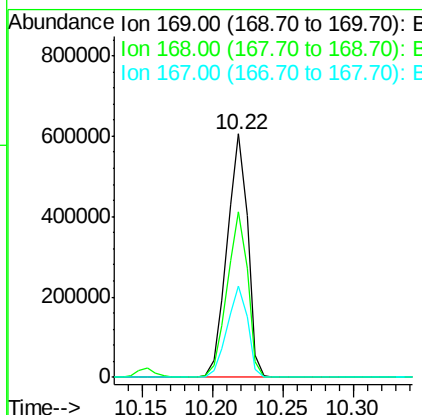
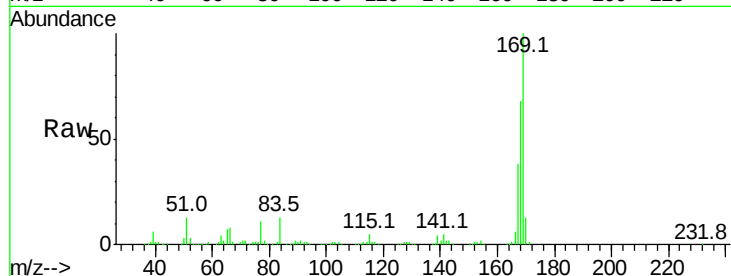




#65
n-Nitrosodiphenylamine
Concen: 44.66 ng
RT: 10.22 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

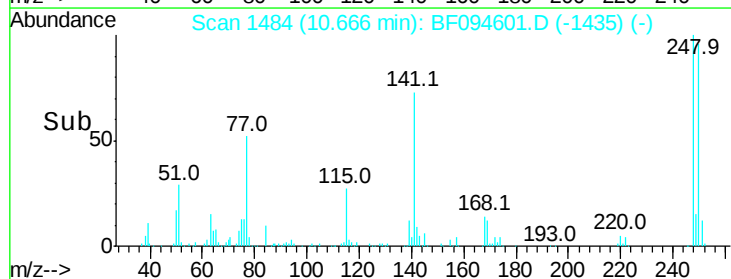
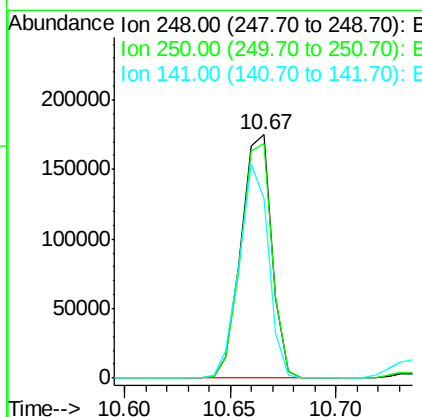
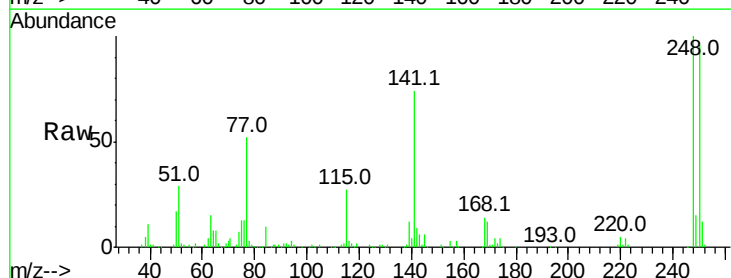
Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 614975
Ion Ratio Lower Upper
169 100
168 68.1 53.2 79.8
167 37.7 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 44.91 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion:248 Resp: 176597
Ion Ratio Lower Upper
248 100
250 96.3 76.8 115.2
141 73.8 68.6 103.0

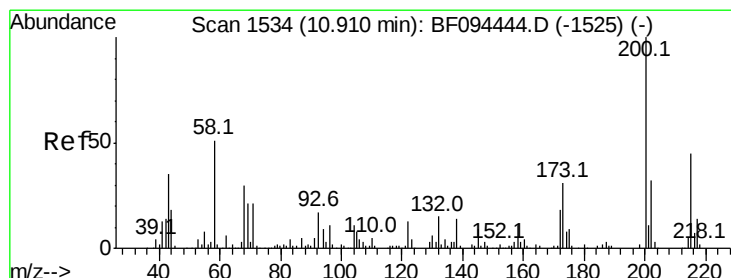
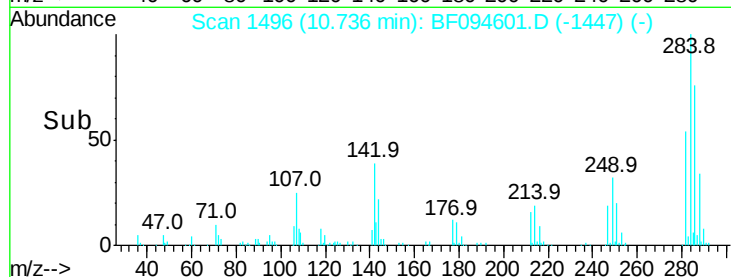
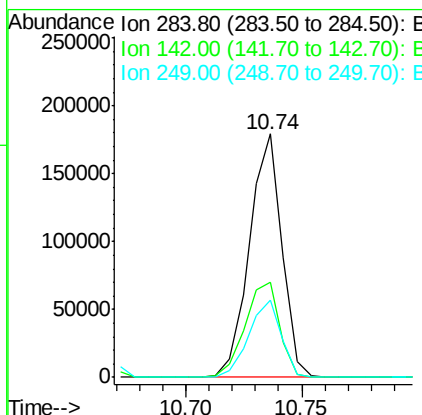
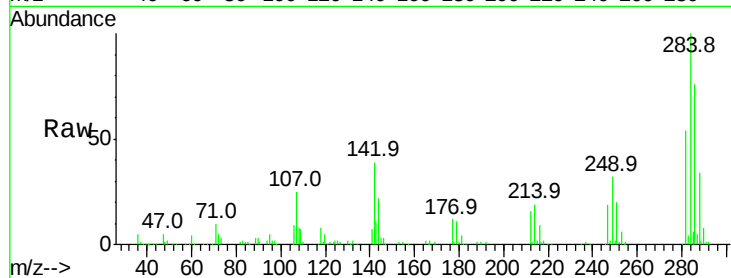




#67
Hexachlorobenzene
Concen: 44.38 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

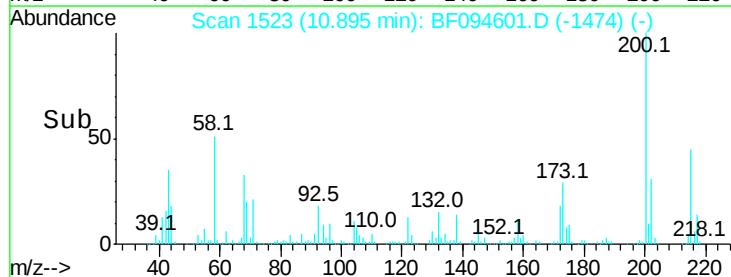
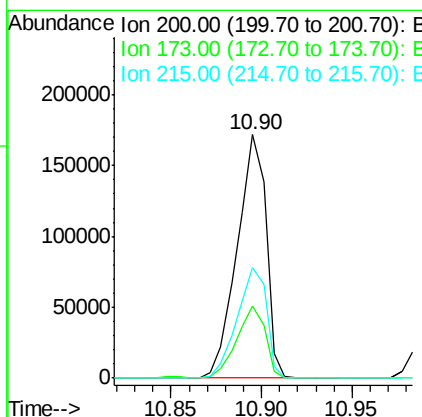
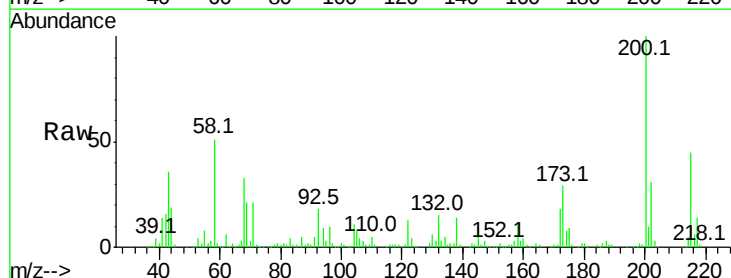
Instrument :
BNA_F
ClientSampled :

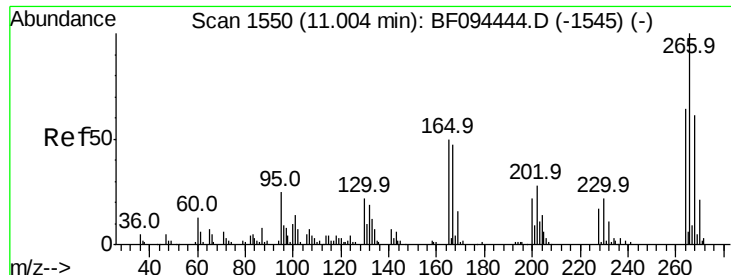
Tot Ion:284 Resp: 175864
Ion Ratio Lower Upper
284 100
142 39.0 22.8 34.2#
249 31.8 24.0 36.0



#68
Atrazine
Concen: 46.27 ng
RT: 10.90 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion:200 Resp: 190641
Ion Ratio Lower Upper
200 100
173 29.5 6.3 46.3
215 45.2 27.2 67.2

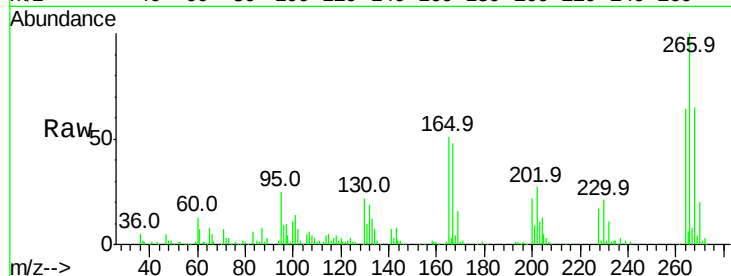




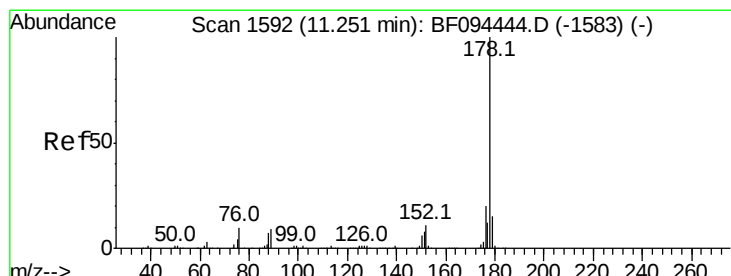
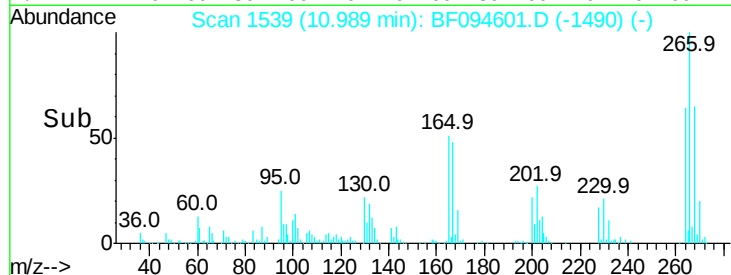
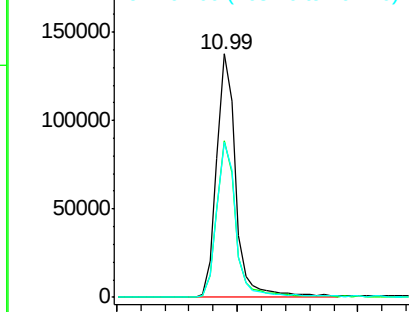
#69
 Pentachlorophenol
 Concen: 96.16 ng
 RT: 10.99 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	63.5	51.7	77.5

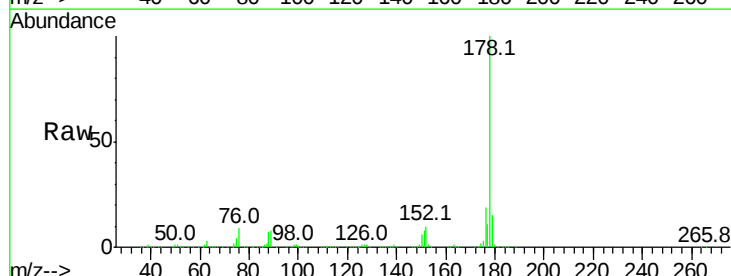


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

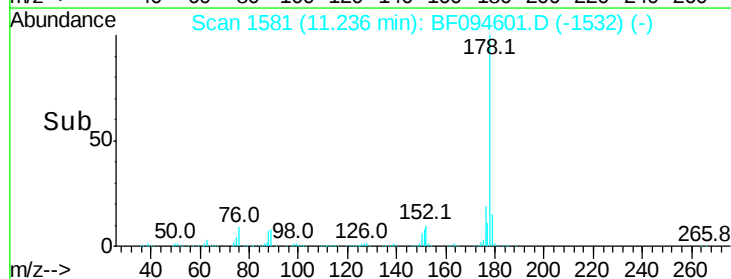
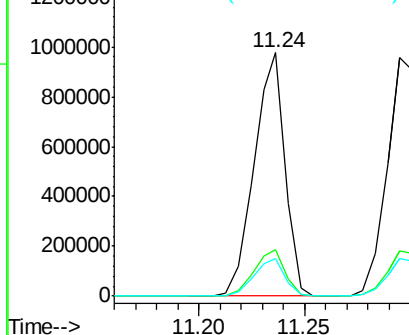


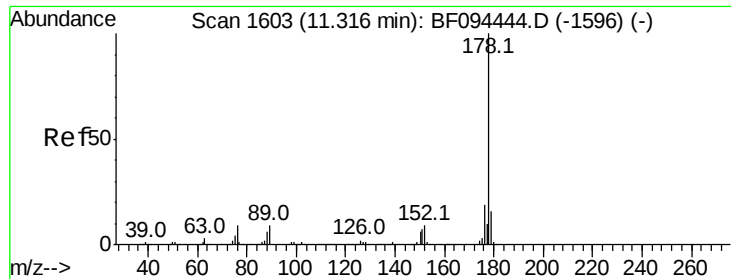
#70
 Phenanthrene
 Concen: 44.28 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.5	12.6	19.0



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

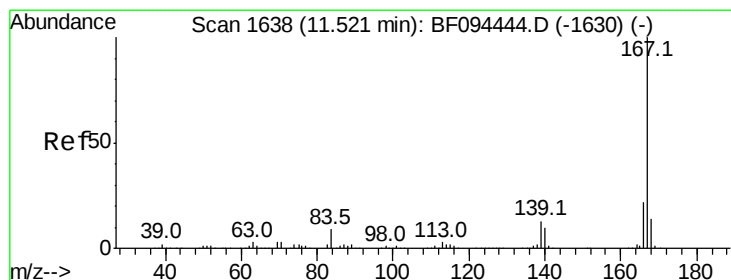
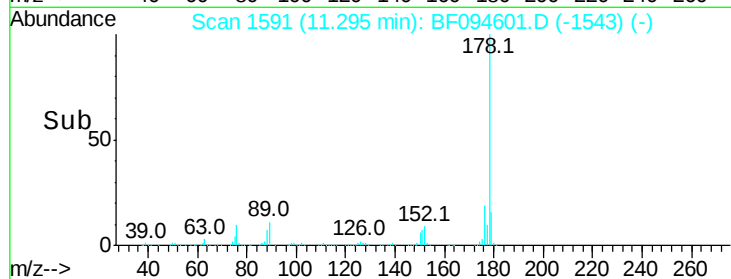
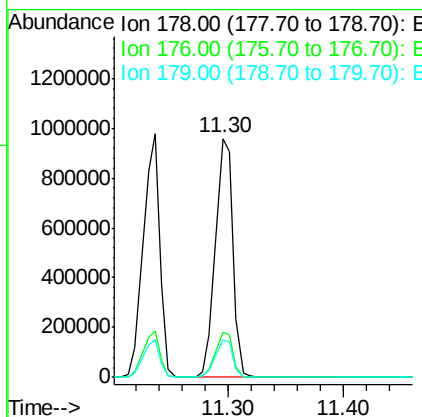
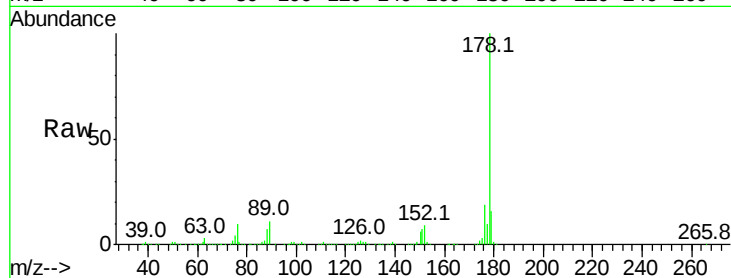




#71
 Anthracene
 Concen: 43.83 ng
 RT: 11.30 min Scan# 1591
 Delta R.T. -0.02 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

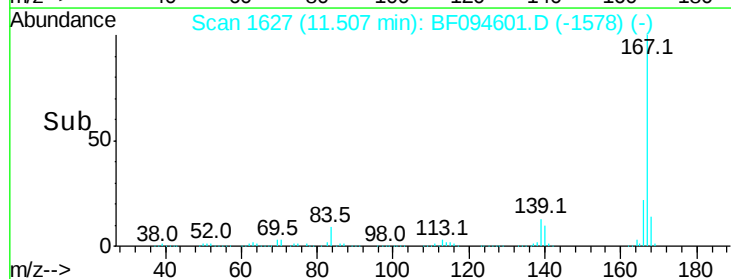
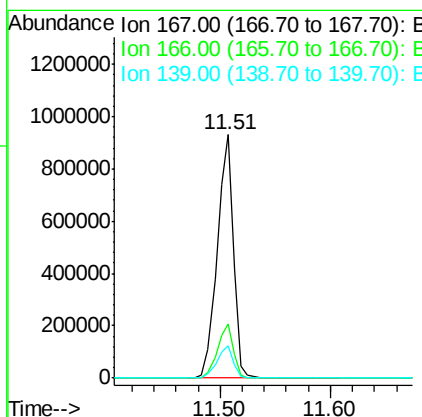
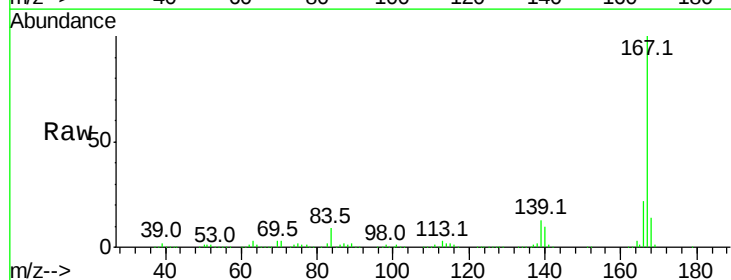
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1011049
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 43.66 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion:167 Resp: 945287
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.5 11.7 17.5

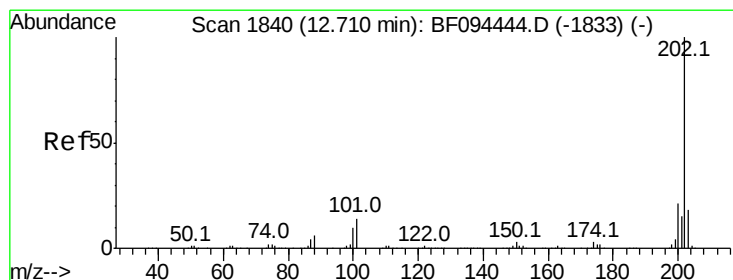
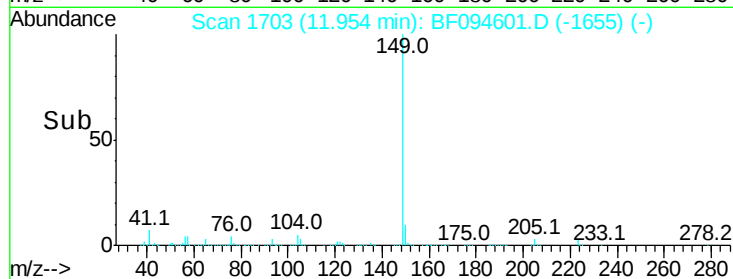
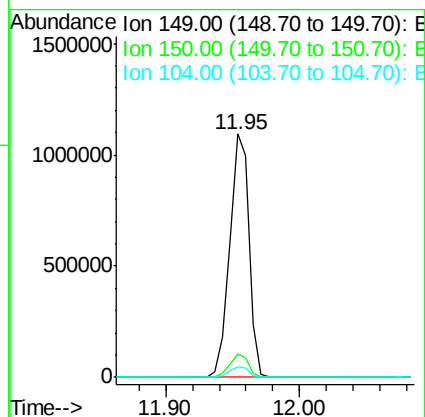
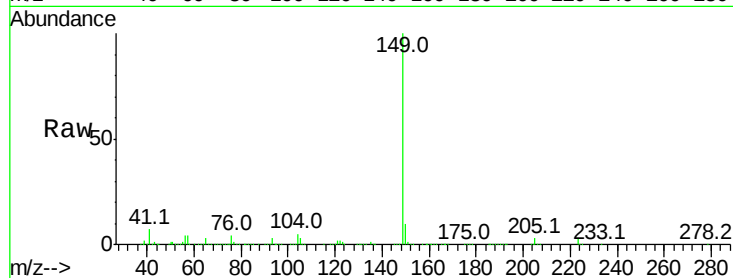




#73
Di-n-butylphthalate
Concen: 47.12 ng
RT: 11.95 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

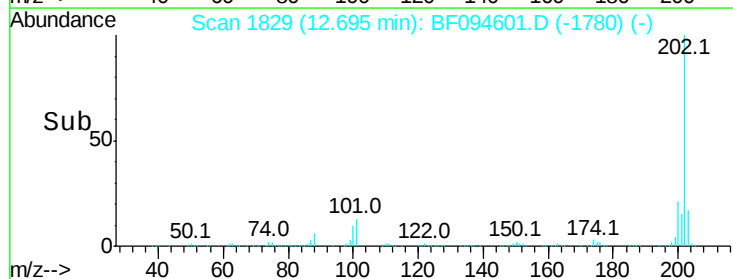
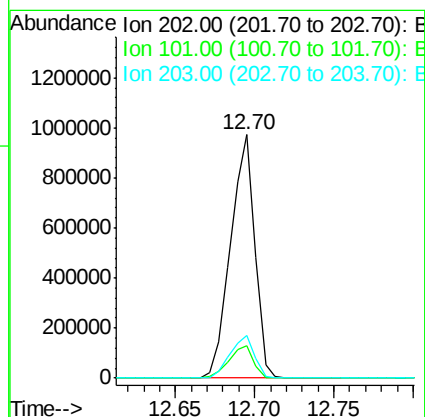
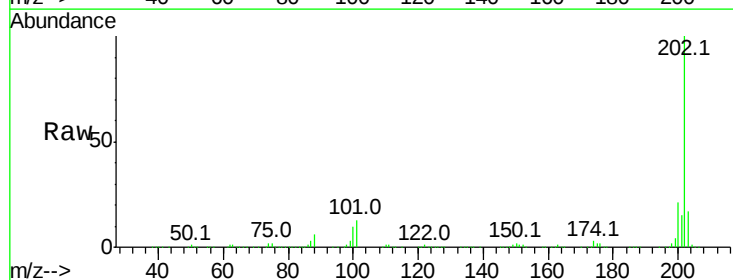
Instrument :
BNA_F
ClientSampled :

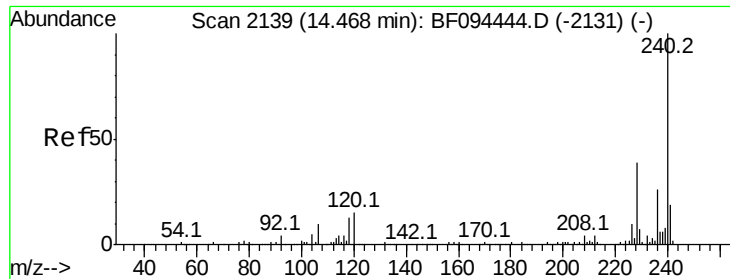
Tot Ion:149 Resp: 1123135
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 44.71 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion:202 Resp: 1033282
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.2
203 17.3 0.0 38.1

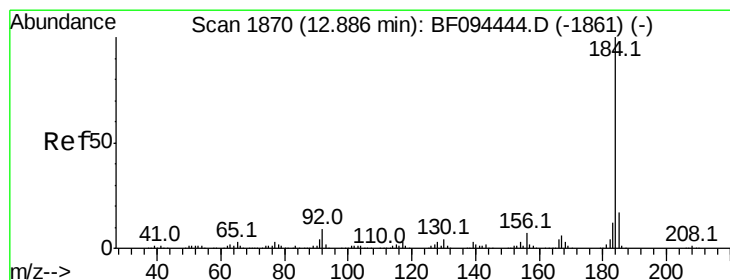
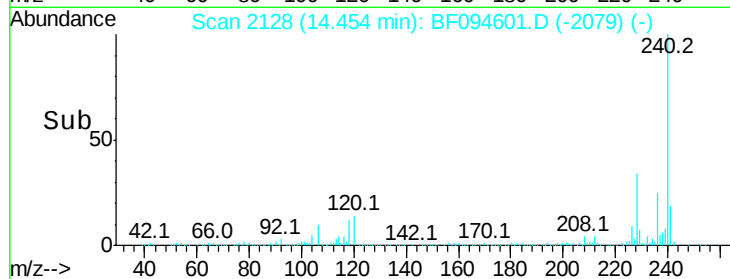
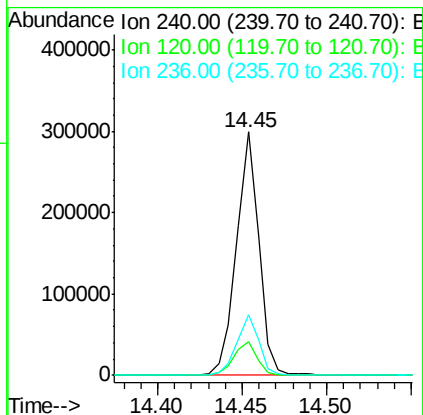
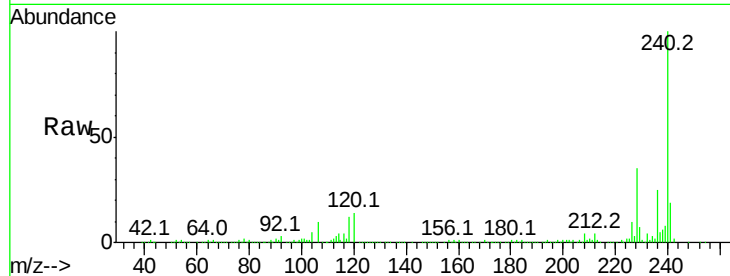




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

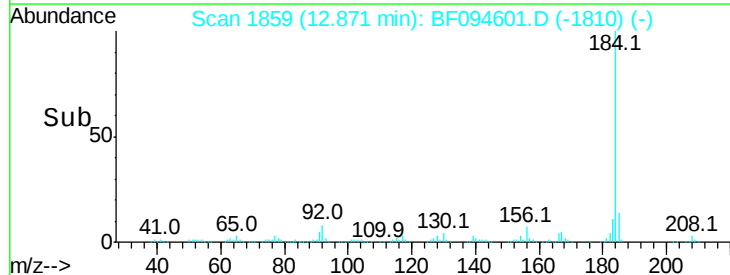
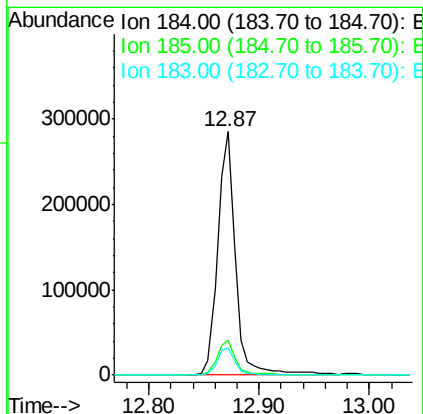
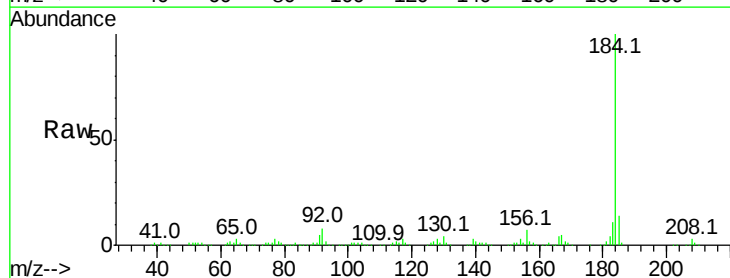
Instrument :
 BNA_F
 ClientSampleId :

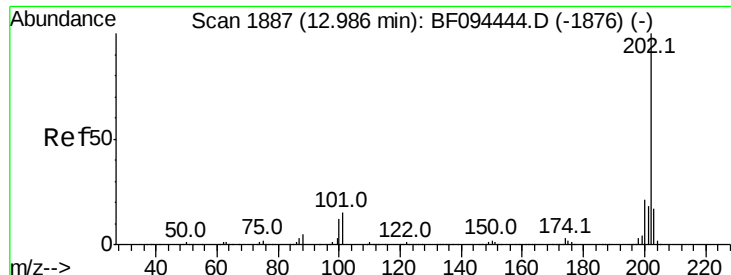
Tot Ion:240 Resp: 276347
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 24.8 20.5 30.7



#76
 Benzidine
 Concen: 28.53 ng
 RT: 12.87 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion:184 Resp: 319263
 Ion Ratio Lower Upper
 184 100
 185 14.5 15.5 23.3#
 183 11.3 9.8 14.6

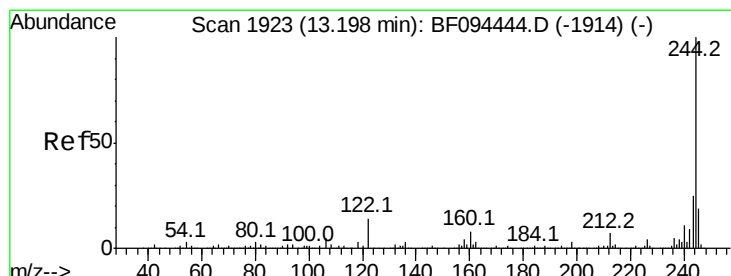
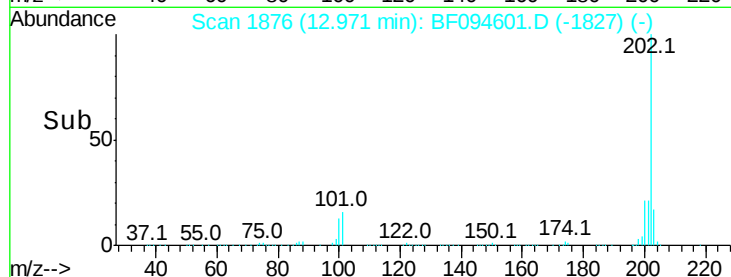
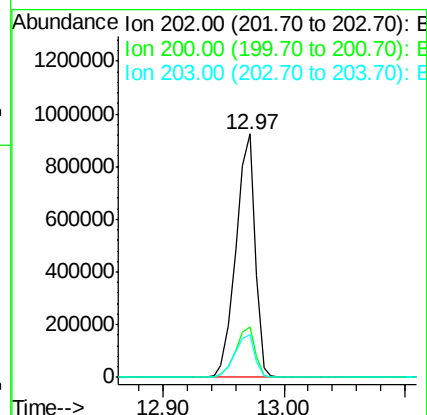
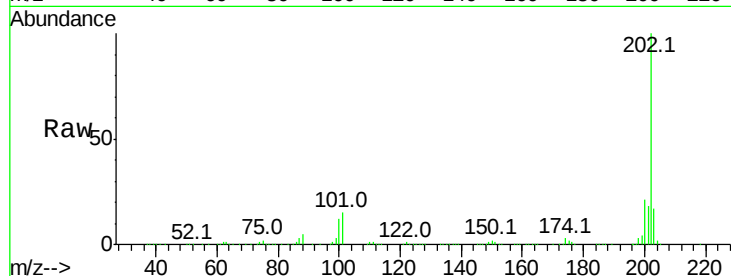




#77
Pvrene
Concen: 52.97 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

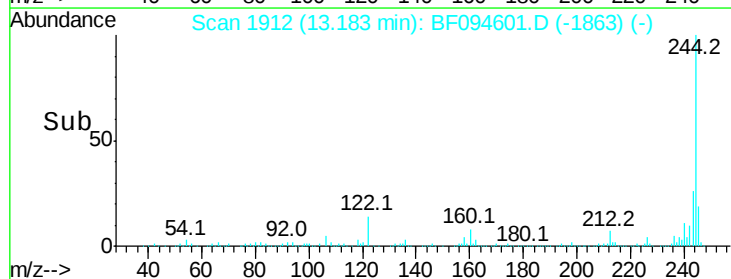
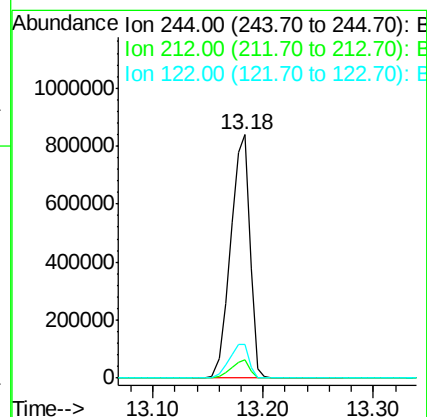
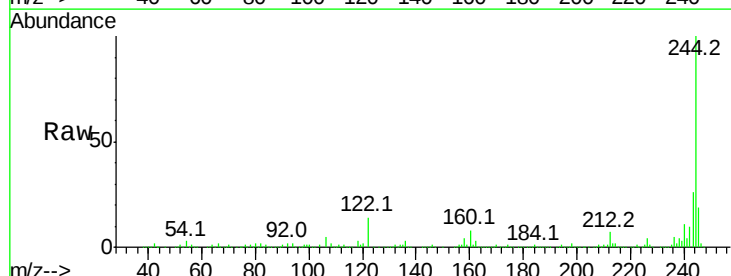
Instrument :
BNA_F
ClientSampleId :

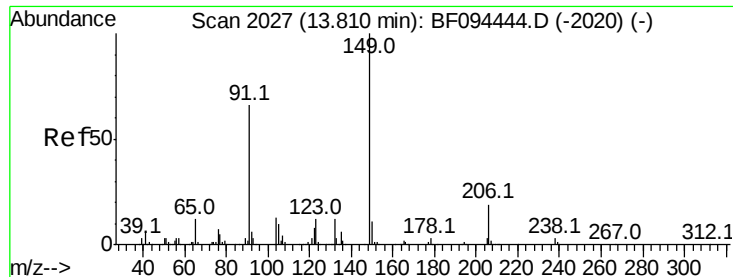
Tot Ion:202 Resp: 1022614
Ion Ratio Lower Upper
202 100
200 20.8 17.6 26.4
203 17.4 14.4 21.6



#78
Terphenyl-d14
Concen: 99.48 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion:244 Resp: 1028529
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 13.8 10.3 15.5

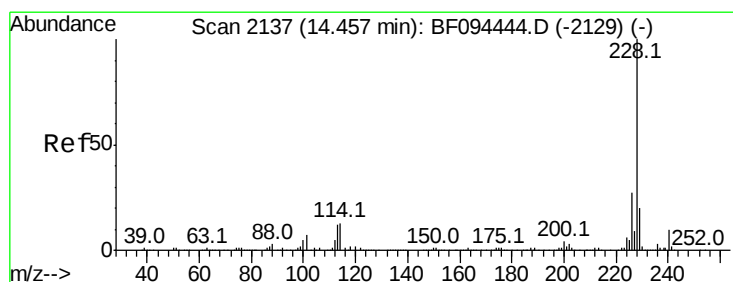
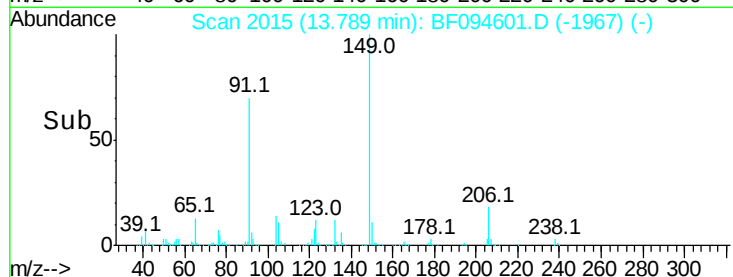
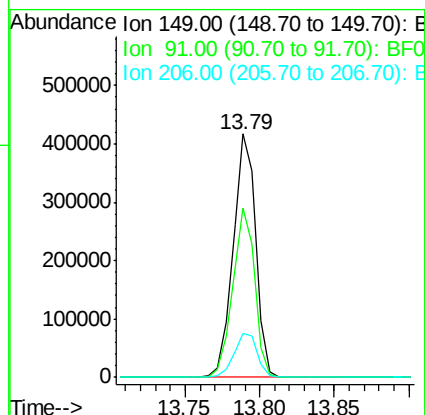
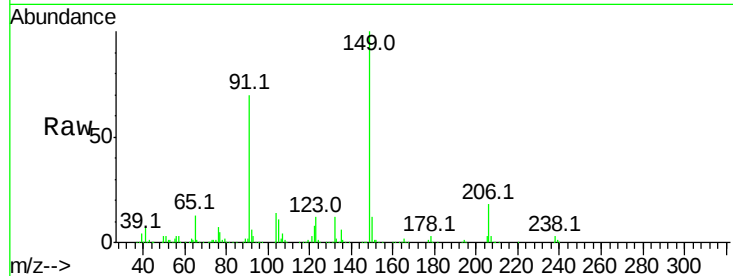




#79
Butylbenzylphthalate
Concen: 52.33 ng
RT: 13.79 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

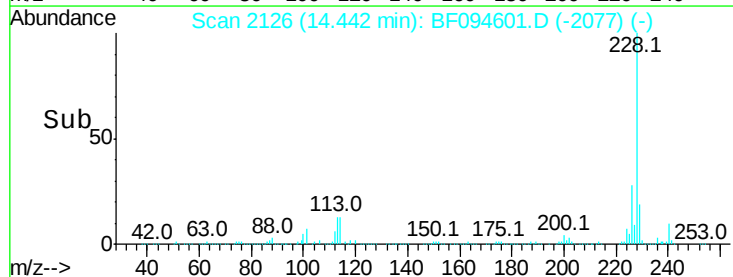
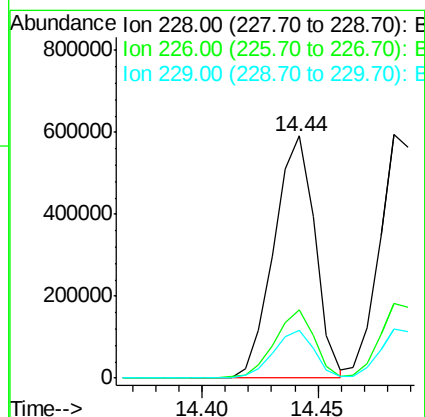
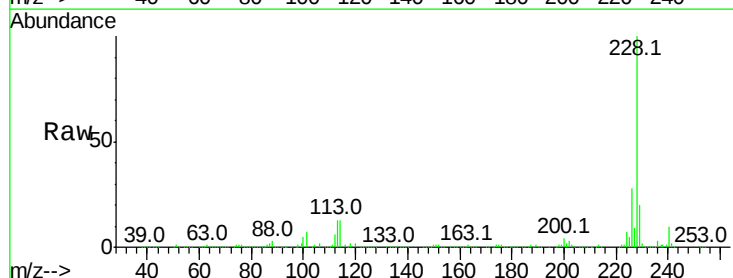
Instrument :
BNA_F
ClientSampleId :

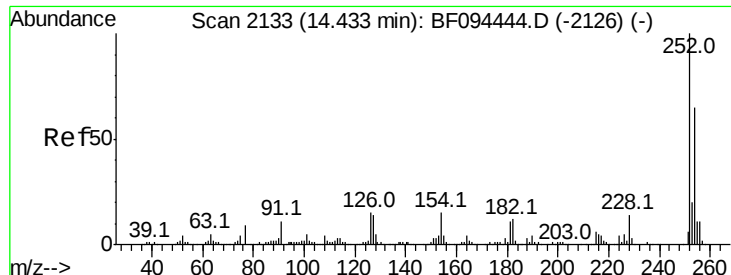
Tot Ion:149 Resp: 442810
Ion Ratio Lower Upper
149 100
91 69.8 45.0 67.4#
206 18.3 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.21 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094601.D
Acq: 25 Apr 2017 13:21

Tgt Ion:228 Resp: 726116
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.5 16.3 24.5

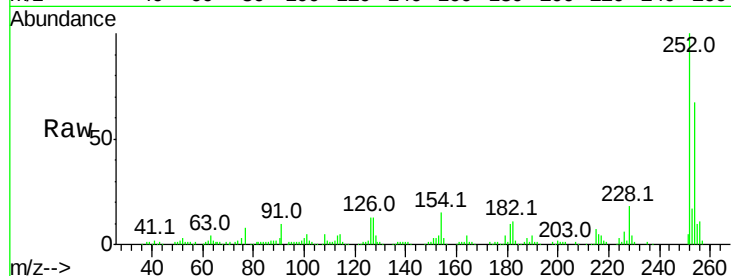




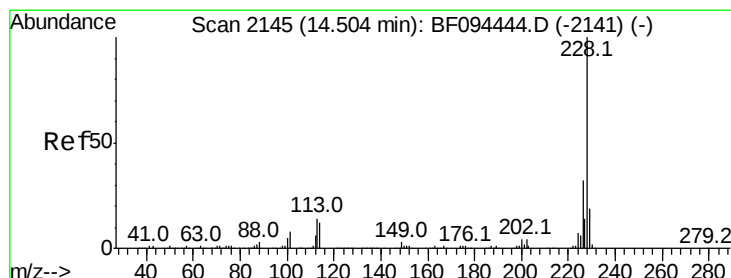
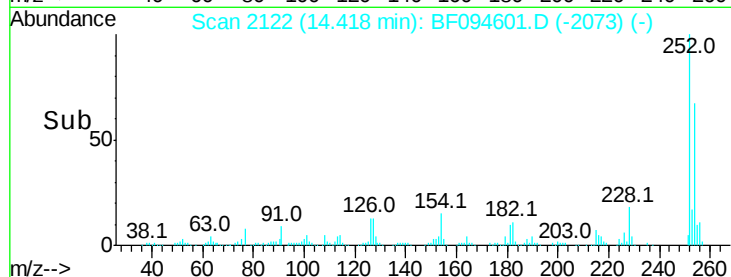
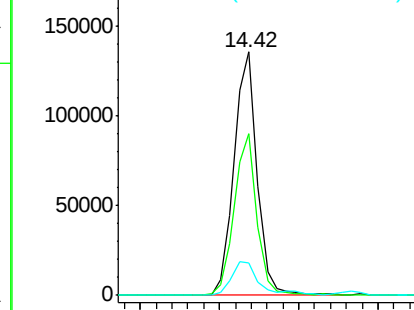
#81
 3,3'-Dichlorobenzidine
 Concen: 24.21 ng
 RT: 14.42 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 137675
 Ion Ratio Lower Upper
 252 100
 254 66.5 51.5 77.3
 126 13.1 15.8 23.8#

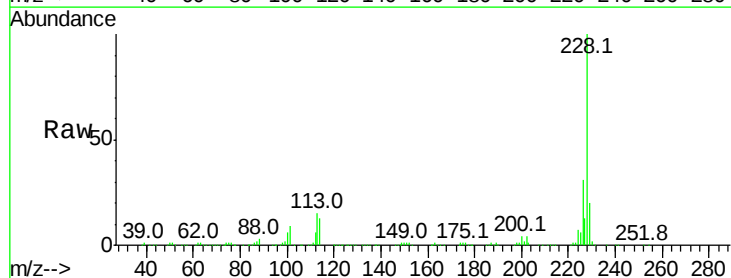


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

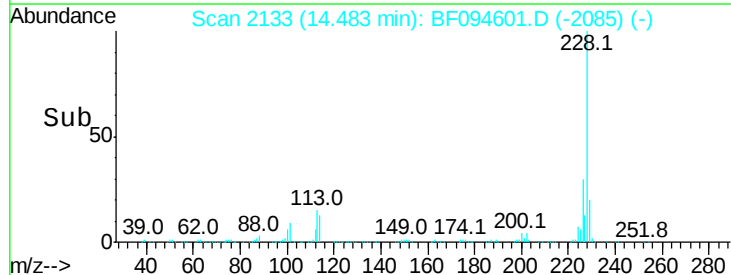
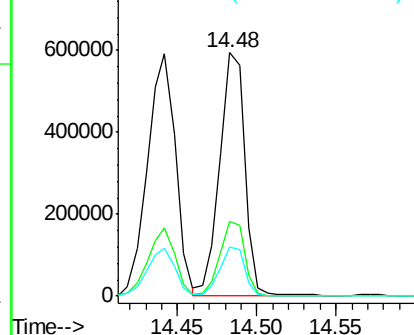


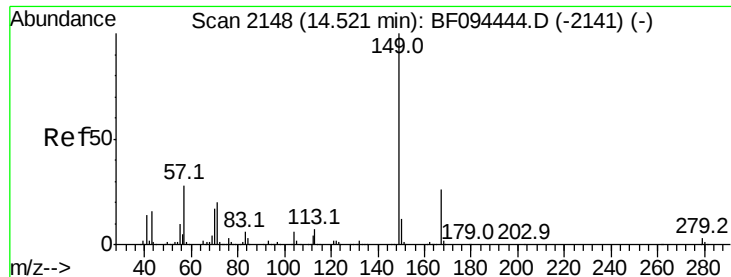
#82
 Chrysene
 Concen: 44.55 ng
 RT: 14.48 min Scan# 2133
 Delta R.T. -0.02 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion:228 Resp: 654012
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 20.4 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

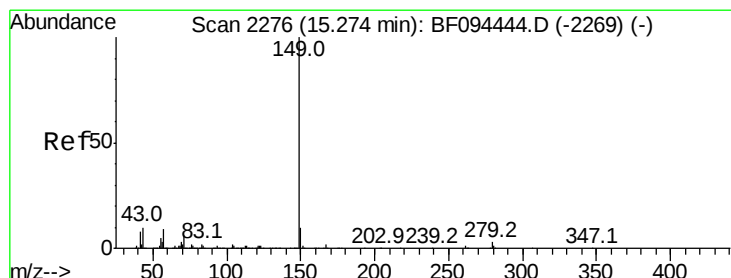
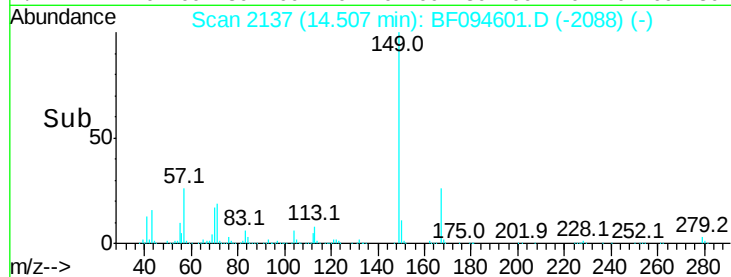
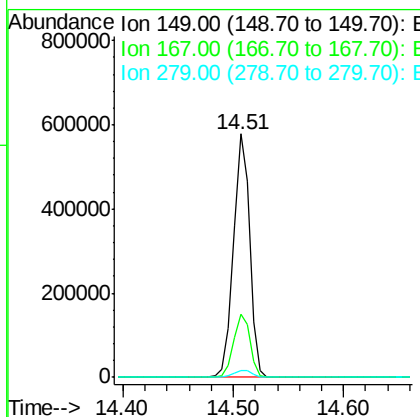
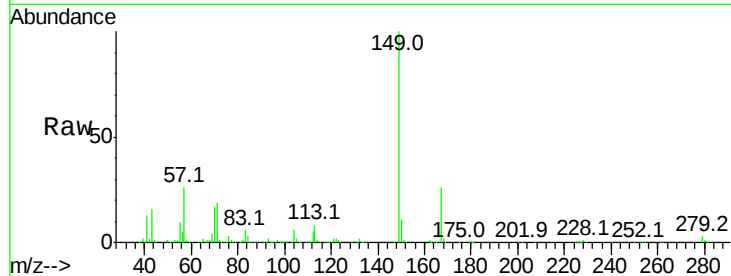




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.69 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

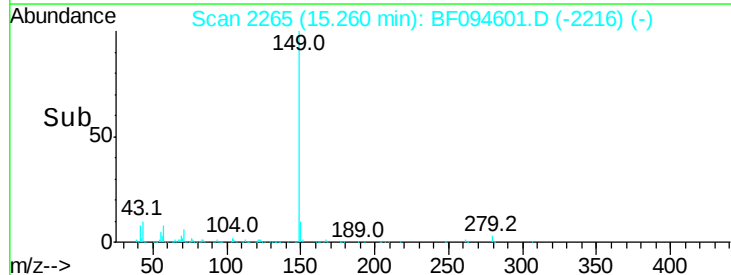
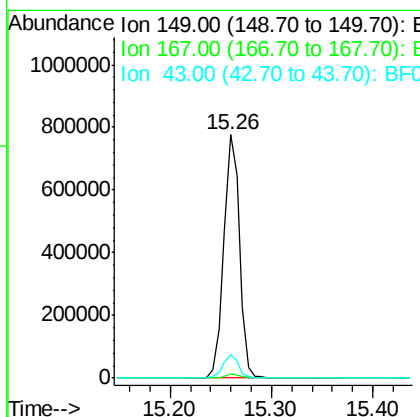
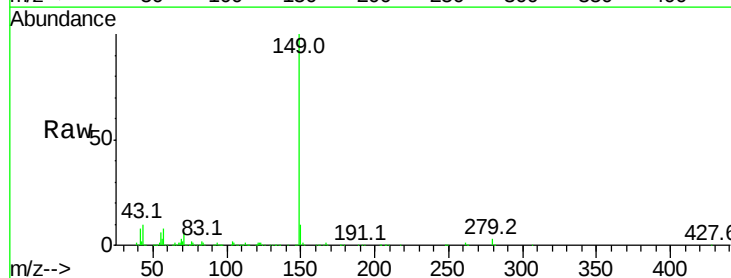
Instrument :
 BNA_F
 ClientSampleId :

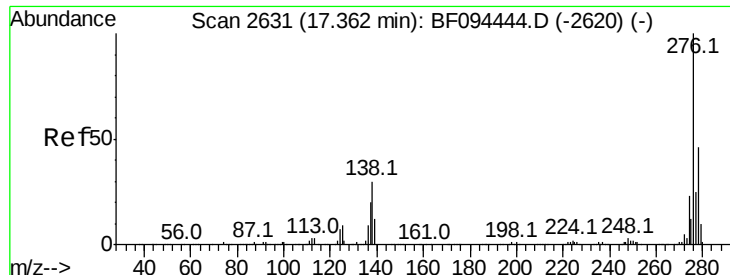
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	2.9	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 43.73 ng
 RT: 15.26 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.3	8.5	12.7

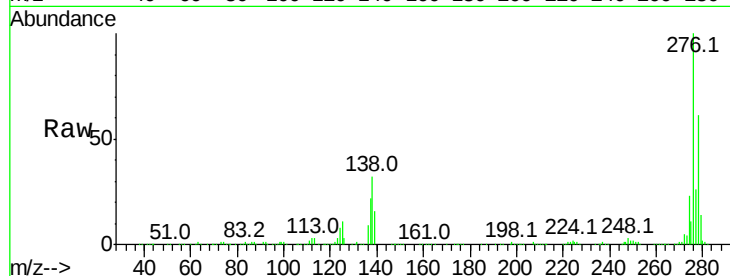




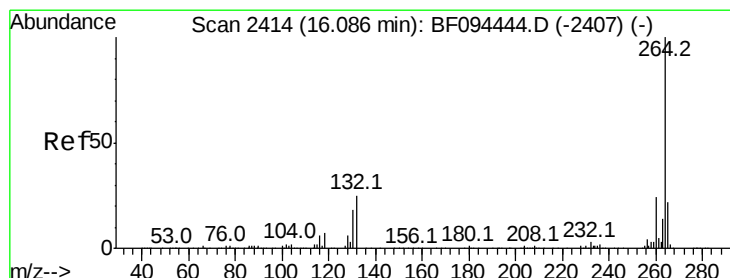
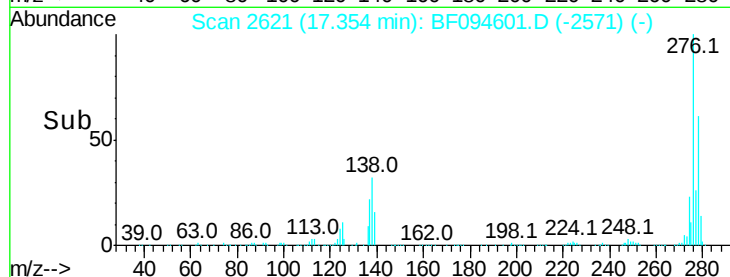
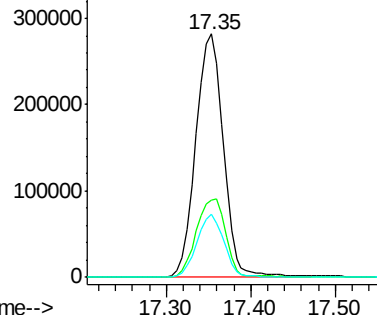
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.68 ng
 RT: 17.35 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.6	20.2	30.4

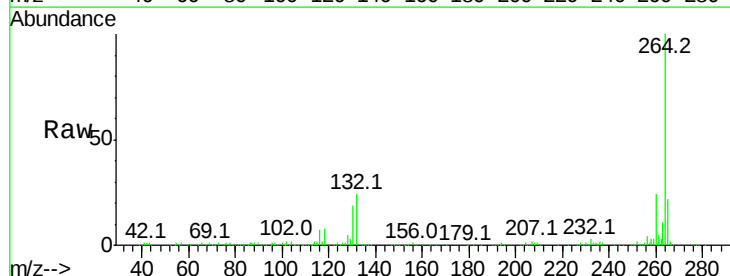


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

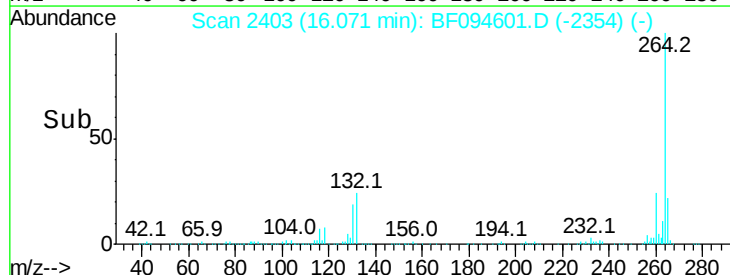
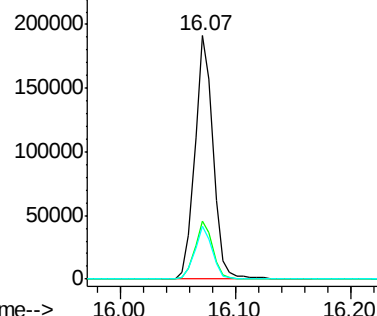


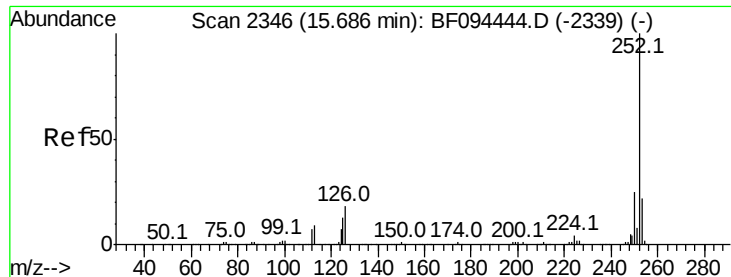
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.6	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 43.78 ng

RT: 15.68 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

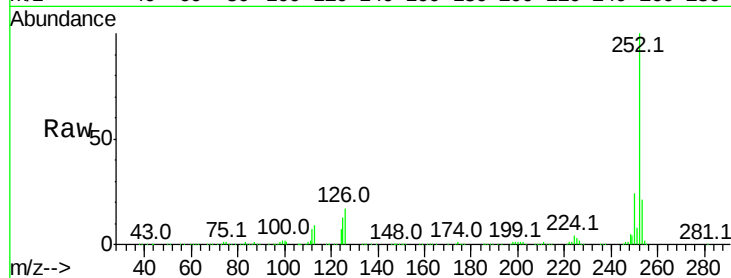
Tot Ion:252 Resp: 561011

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

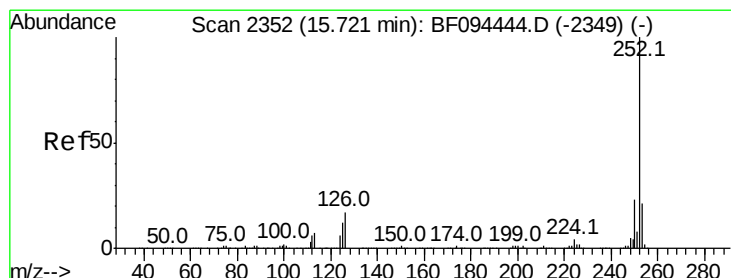
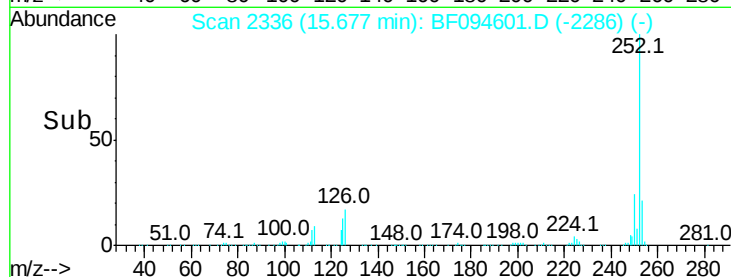
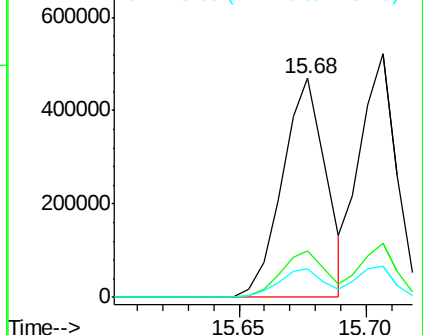
125 12.9 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.40 ng

RT: 15.71 min Scan# 2341

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

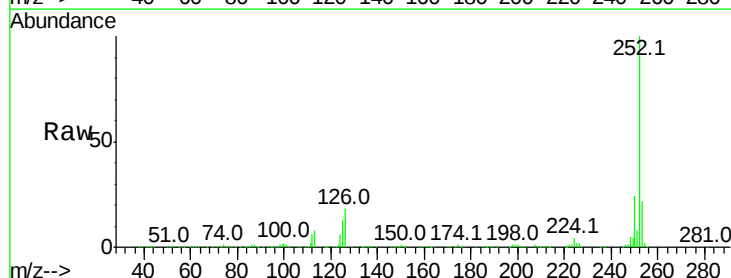
Tgt Ion:252 Resp: 526312

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

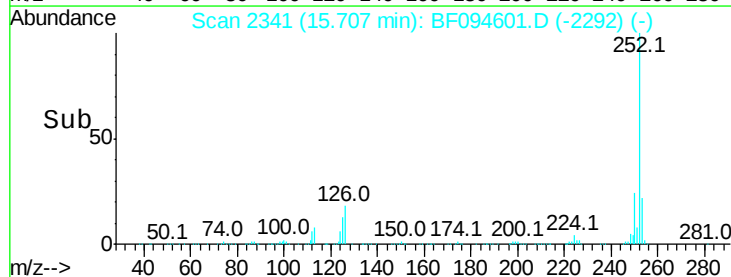
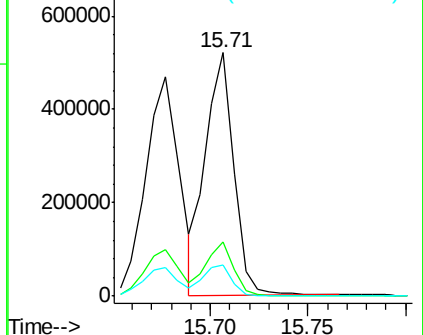
125 12.6 13.1 19.7#

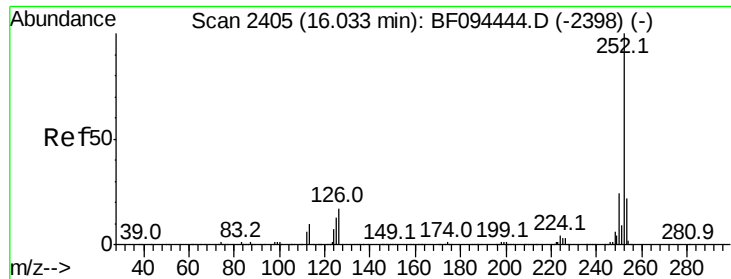


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.47 ng

RT: 16.02 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

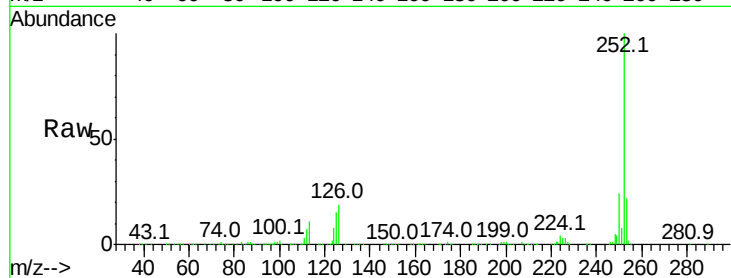
Tot Ion:252 Resp: 530175

Ion Ratio Lower Upper

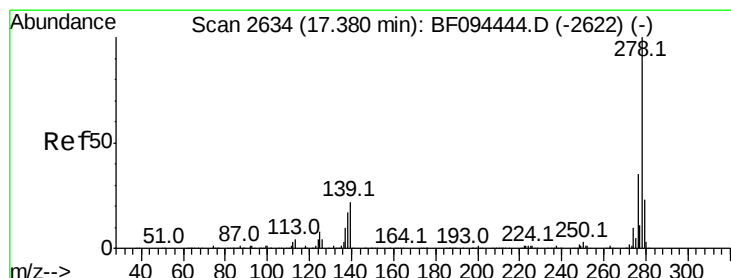
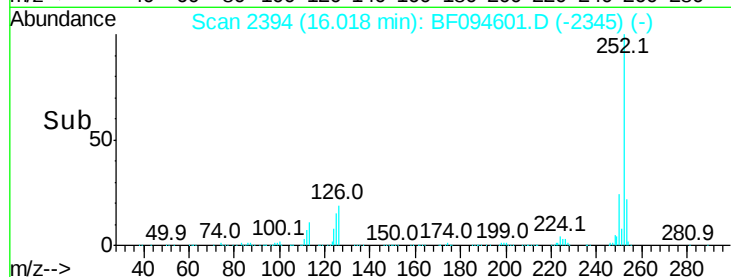
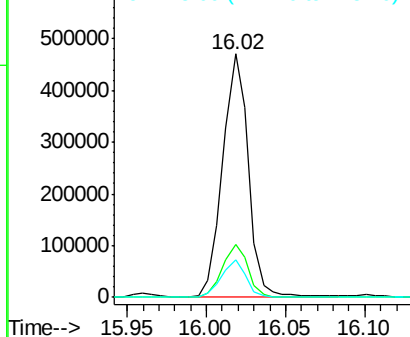
252 100

253 21.6 17.5 26.3

125 15.3 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 52.60 ng

RT: 17.37 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF094601.D

Acq: 25 Apr 2017 13:21

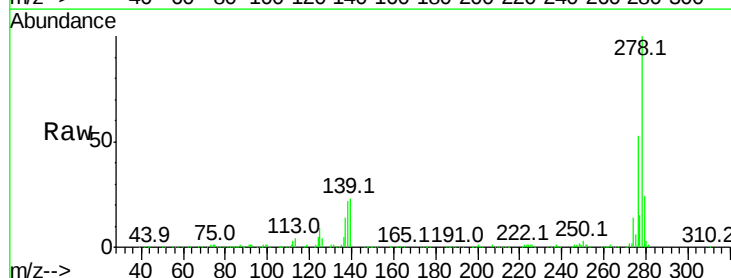
Tgt Ion:278 Resp: 520611

Ion Ratio Lower Upper

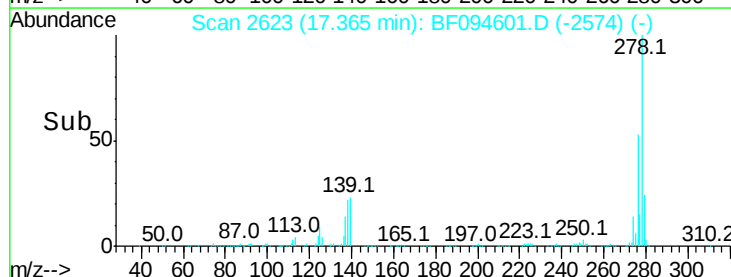
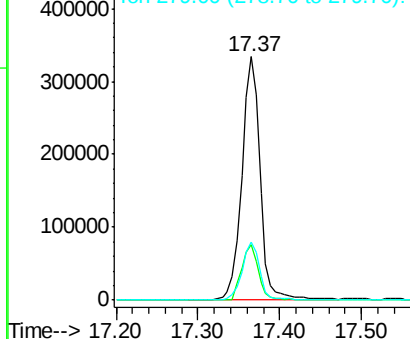
278 100

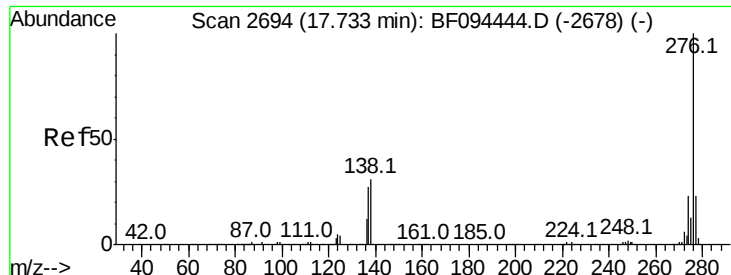
139 22.5 16.6 24.8

279 24.0 19.3 28.9



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

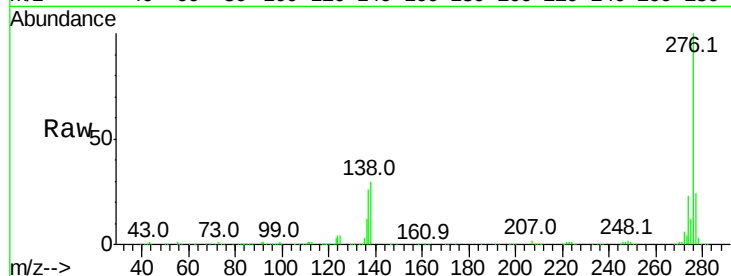




#91
 Benzo(a,h,i)perylene
 Concen: 55.92 ng
 RT: 17.72 min Scan# 2684
 Delta R.T. -0.01 min
 Lab File: BF094601.D
 Acq: 25 Apr 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	563507
Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	30.2	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

