

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094597.D
 Acq On : 25 Apr 2017 11:21
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:20:28 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	131563	20.00	ng	-0.01
21) Naphthalene-d8	7.25	136	539055	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	248385	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	462670	20.00	ng	-0.02
75) Chrysene-d12	14.46	240	397684	20.00	ng	0.00
86) Perylene-d12	16.08	264	330653	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	615200	77.58	ng	0.00
7) Phenol-d6	5.38	99	715910	76.58	ng	-0.01
23) Nitrobenzene-d5	6.41	82	666488	76.35	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	163682	84.25	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1248446	73.95	ng	-0.01
78) Terphenyl-d14	13.18	244	1144382	76.92	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.05	88	172380	37.38	ng	96
3) Pyridine	2.58	79	383428	38.04	ng	100
4) n-Nitrosodimethylamine	2.54	42	150001	35.97	ng	87
6) Aniline	5.38	93	473534	38.11	ng	# 86
8) 2-Chlorophenol	5.52	128	354245	39.26	ng	94
9) Benzaldehyde	5.25	77	300221	42.22	ng	96
10) Phenol	5.40	94	438806	38.21	ng	90
11) bis(2-Chloroethyl)ether	5.47	93	329877	39.32	ng	94
12) 1,3-Dichlorobenzene	5.68	146	389664	38.98	ng	100
13) 1,4-Dichlorobenzene	5.77	146	390496	38.82	ng	96
14) 1,2-Dichlorobenzene	5.95	146	361629	39.03	ng	95
15) Benzyl Alcohol	5.93	79	269361	38.84	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.08	45	438350	39.85	ng	72
17) 2-Methylphenol	6.08	107	277268	39.01	ng	93
18) Hexachloroethane	6.33	117	134165	38.91	ng	# 83
19) n-Nitroso-di-n-propylamine	6.24	70	251809	40.65	ng	96
20) 3+4-Methylphenols	6.26	107	385764	39.95	ng	# 63
22) Acetophenone	6.23	105	507709	38.74	ng	# 86
24) Nitrobenzene	6.42	77	359997	39.16	ng	96
25) Isophorone	6.72	82	648276	40.06	ng	95
26) 2-Nitrophenol	6.80	139	194206	39.32	ng	99
27) 2,4-Dimethylphenol	6.88	122	307272	38.30	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	416079	39.75	ng	99
29) 2,4-Dichlorophenol	7.10	162	297964	39.92	ng	98
30) 1,2,4-Trichlorobenzene	7.18	180	296172	38.38	ng	98
31) Naphthalene	7.28	128	989158	38.17	ng	99
32) Benzoic acid	7.07	122	192495	45.37	ng	95
33) 4-Chloroaniline	7.35	127	408843	37.92	ng	95
34) Hexachlorobutadiene	7.43	225	149419	38.84	ng	98
35) Caprolactam	7.81	113	69701	29.73	ng	96
36) 4-Chloro-3-methylphenol	7.98	107	304472	38.93	ng	92
37) 2-Methylnaphthalene	8.11	142	694385	39.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	275537	38.96	ng	99
40) Hexachlorocyclopentadiene	8.31	237	118601	41.45	ng	99

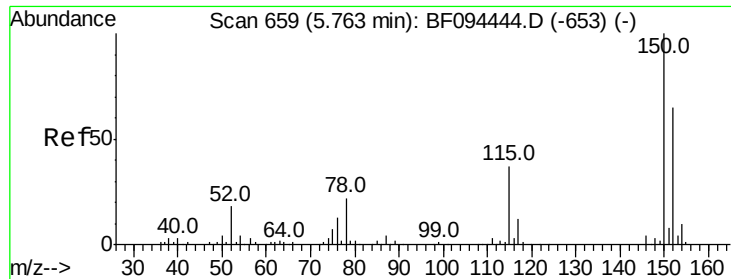
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094597.D
 Acq On : 25 Apr 2017 11:21
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:20:28 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	195392	39.34	nq	98
43) 2,4,5-Trichlorophenol	8.53	196	201044	39.41	nq	93
45) 1,1'-Biphenyl	8.69	154	792889	39.07	nq	98
46) 2-Chloronaphthalene	8.71	162	632585	39.20	nq	96
47) 2-Nitroaniline	8.85	65	181033	39.00	nq	# 79
48) Acenaphthylene	9.21	152	956723	38.03	nq	99
49) Dimethylphthalate	9.09	163	749522	40.49	nq	99
50) 2,6-Dinitrotoluene	9.15	165	167774	40.38	nq	97
51) Acenaphthene	9.42	154	577278	38.32	nq	98
52) 3-Nitroaniline	9.36	138	181029	37.66	nq	88
53) 2,4-Dinitrophenol	9.50	184	84633	40.60	nq	# 70
54) Dibenzofuran	9.64	168	863623	39.44	nq	99
55) 4-Nitrophenol	9.64	139	483168	142.27	nq	# 31
56) 2,4-Dinitrotoluene	9.65	165	218815	42.92	nq	# 85
57) Fluorene	10.06	166	662881	38.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	149011	40.76	nq	# 96
59) Diethylphthalate	9.95	149	715932	40.99	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	288406	40.64	nq	92
61) 4-Nitroaniline	10.11	138	177020	36.22	nq	98
62) Azobenzene	10.26	77	693771	40.91	nq	96
64) 4,6-Dinitro-2-methylphenol	10.15	198	122790	40.51	nq	# 73
65) n-Nitrosodiphenylamine	10.22	169	610208	37.92	nq	97
66) 4-Bromophenyl-phenylether	10.67	248	180916	39.38	nq	95
67) Hexachlorobenzene	10.74	284	181208	39.14	nq	# 88
68) Atrazine	10.90	200	192437	39.98	nq	97
69) Pentachlorophenol	10.99	266	88095	47.92	nq	98
70) Phenanthrene	11.24	178	989255	37.97	nq	99
71) Anthracene	11.30	178	1034465	38.38	nq	98
72) Carbazole	11.51	167	971844	38.42	nq	98
73) Di-n-butylphthalate	11.96	149	1164619	41.82	nq	99
74) Fluoranthene	12.70	202	1057254	39.15	nq	99
76) Benzidine	12.87	184	540523	33.57	nq	96
77) Pyrene	12.97	202	1067050	38.40	nq	99
79) Butylbenzylphthalate	13.79	149	506024	41.56	nq	89
80) Benzo(a)anthracene	14.44	228	890169	38.51	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	313333	38.29	nq	# 95
82) Chrysene	14.49	228	818774	38.76	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	705457	43.15	nq	# 100
84) Di-n-octyl phthalate	15.27	149	1163060	42.41	nq	98
85) Indeno(1,2,3-cd)pyrene	17.35	276	711281	35.39	nq	100
87) Benzo(b)fluoranthene	15.68	252	812080	40.15	nq	97
88) Benzo(k)fluoranthene	15.68	252	812080	42.42	nq	96
89) Benzo(a)pyrene	16.02	252	733460	38.98	nq	99
90) Dibenzo(a,h)anthracene	17.37	278	586319	37.52	nq	99
91) Benzo(g,h,i)perylene	17.72	276	603293	37.92	nq	99

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

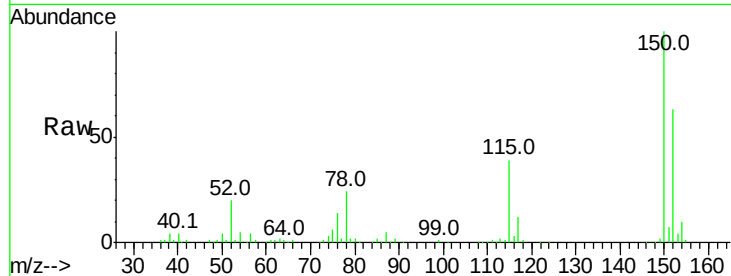


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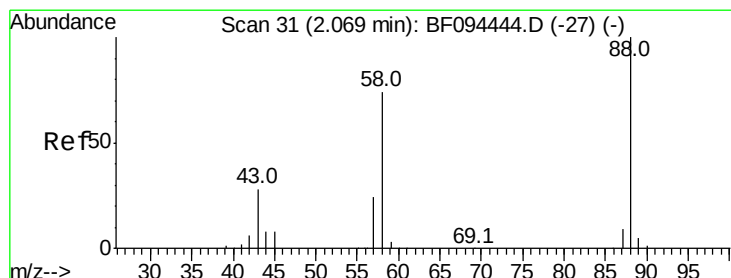
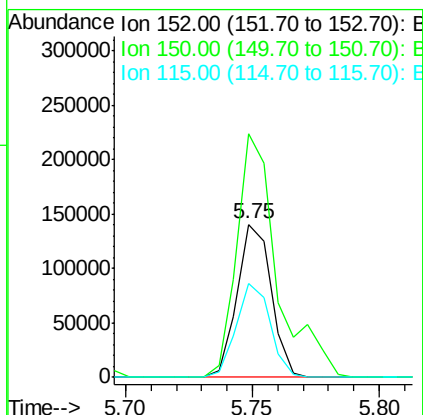
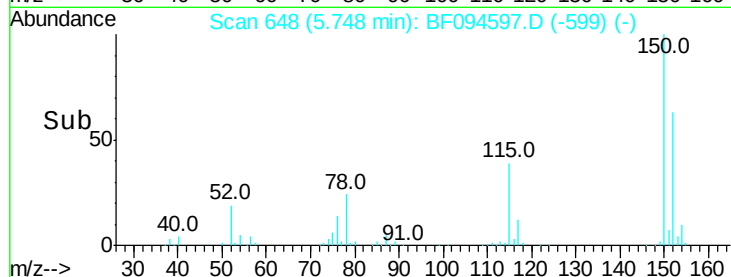
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 131563
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 61.7 52.2 78.2



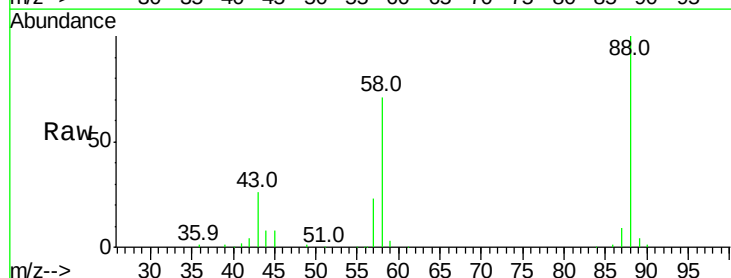
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



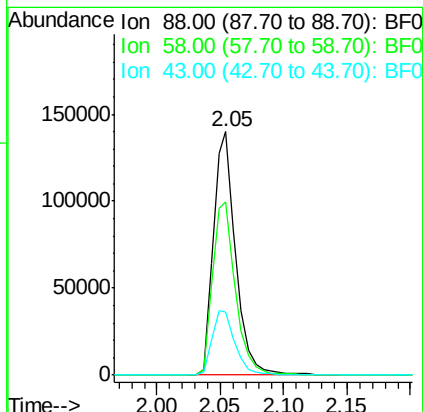
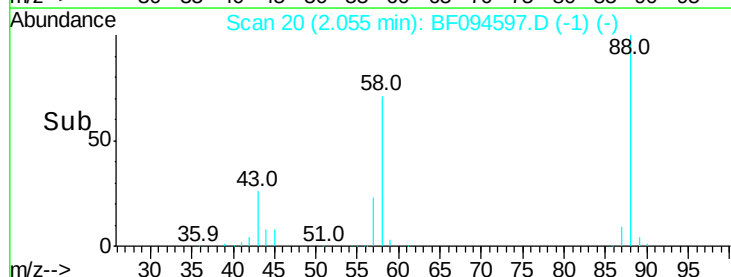
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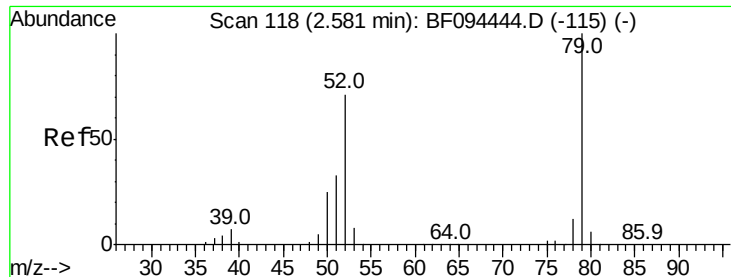
1,4-Dioxane
Concen: 37.38 ng
RT: 2.05 min Scan# 20
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion: 88 Resp: 172380
Ion Ratio Lower Upper
88 100
58 73.5 61.4 92.0
43 27.3 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: 38.04 ng

RT: 2.58 min Scan# 110

Delta R.T. 0.00 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampled :

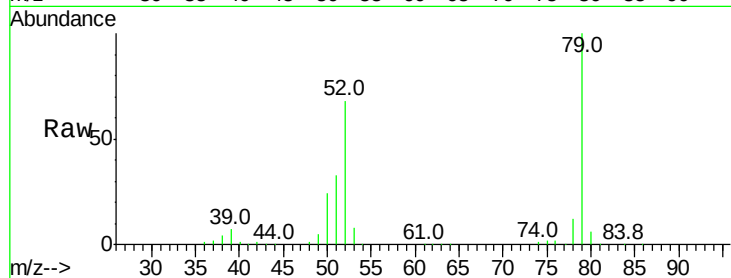
Tot Ion: 79 Resp: 383428

Ion Ratio Lower Upper

79 100

52 68.4 54.8 82.2

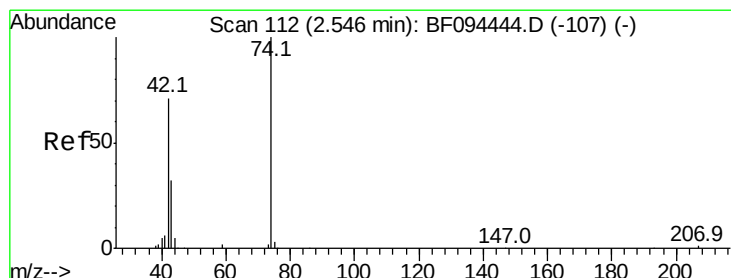
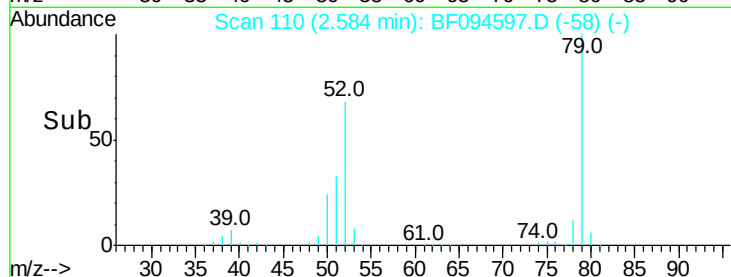
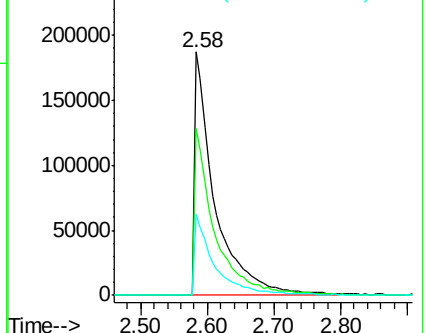
51 33.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.97 ng

RT: 2.54 min Scan# 102

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

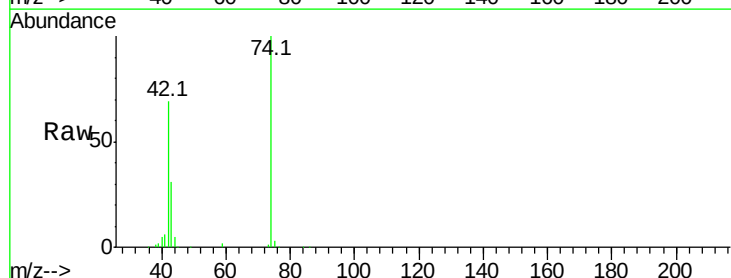
Tgt Ion: 42 Resp: 150001

Ion Ratio Lower Upper

42 100

74 145.6 103.9 155.9

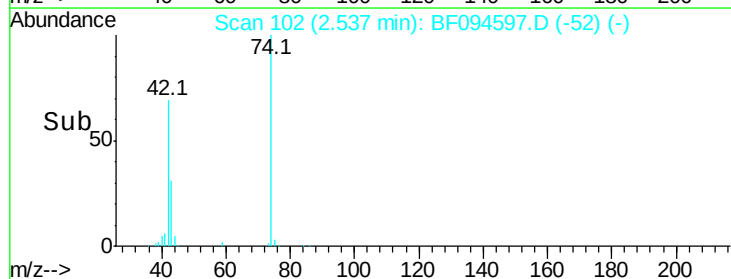
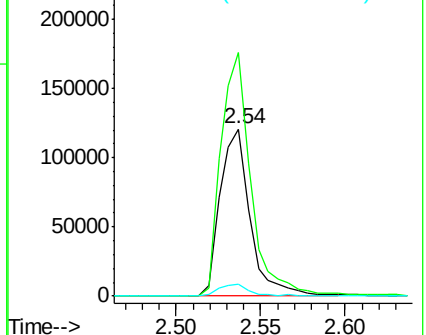
44 7.4 5.7 8.5

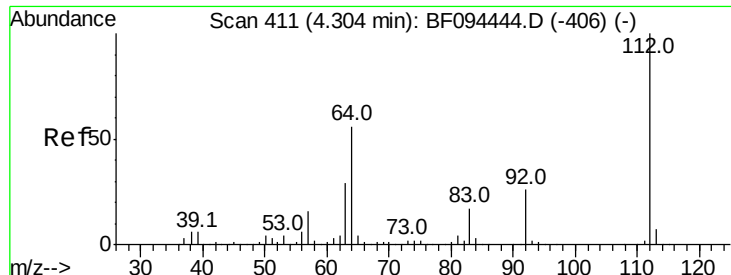


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

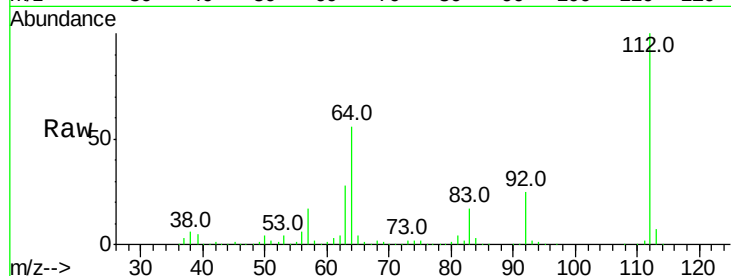




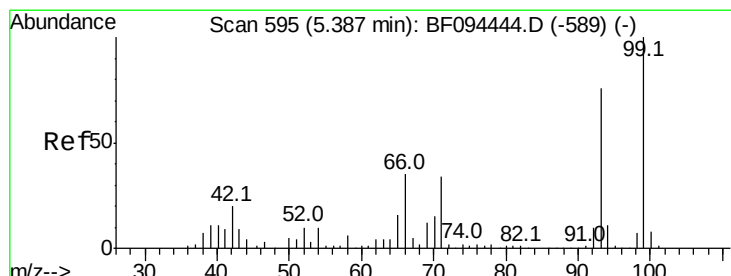
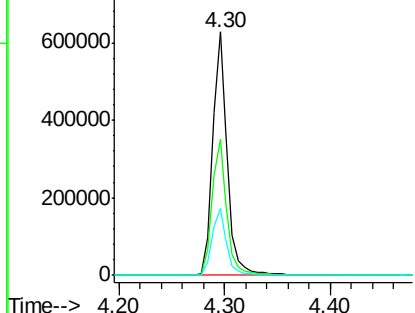
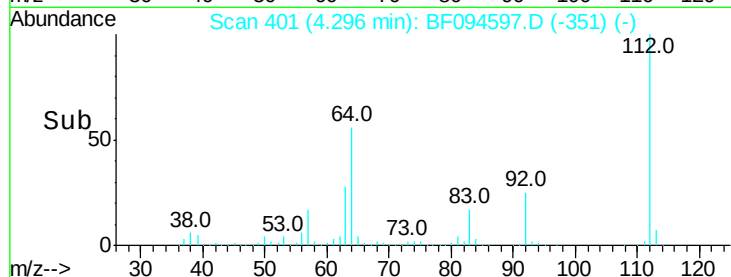
#5
 2-Fluorophenol
 Concen: 77.58 ng
 RT: 4.30 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:112 Resp: 615200
 Ion Ratio Lower Upper
 112 100
 64 56.0 46.0 69.0
 63 27.7 23.4 35.0

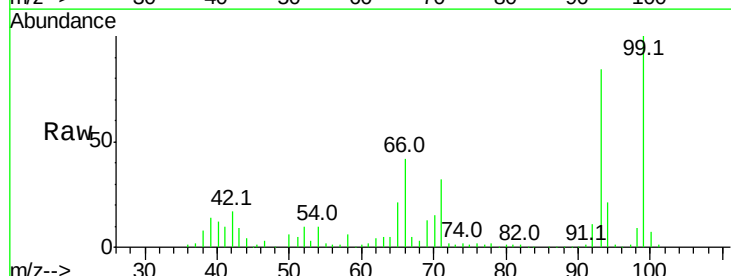


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

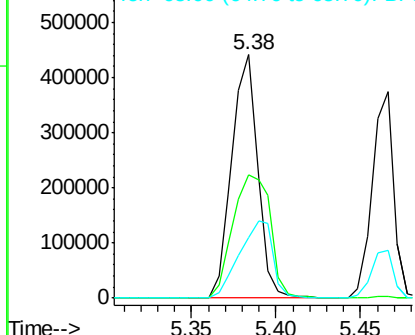
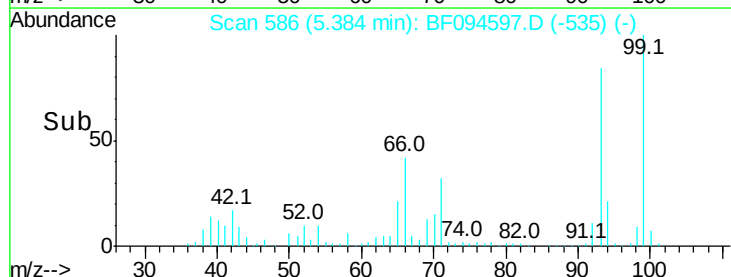


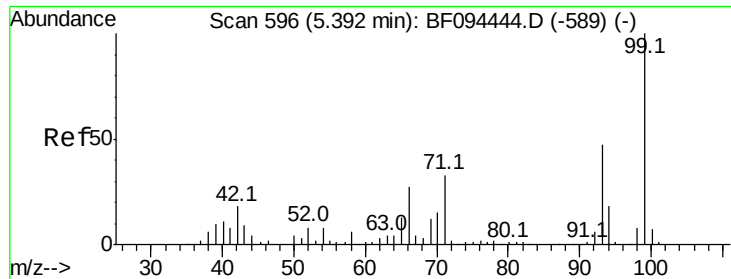
#6
 Aniline
 Concen: 38.11 ng
 RT: 5.38 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion: 93 Resp: 473534
 Ion Ratio Lower Upper
 93 100
 66 50.7 32.9 49.3#
 65 24.8 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: 76.58 ng

RT: 5.38 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

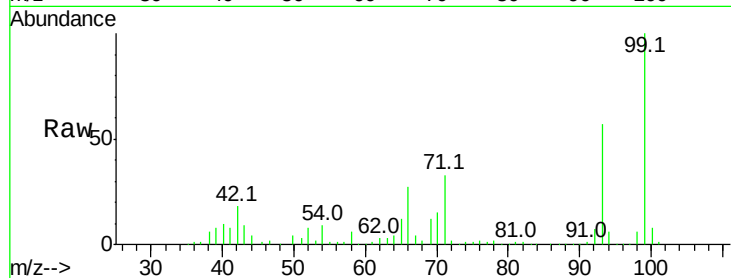
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 715910

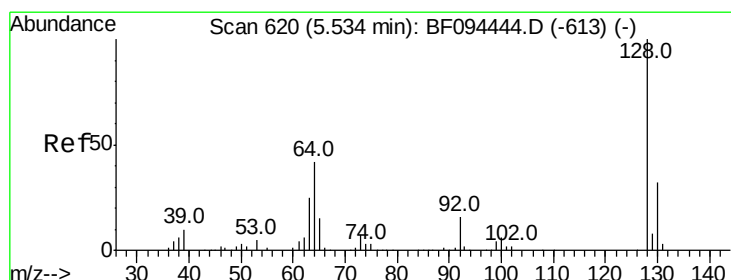
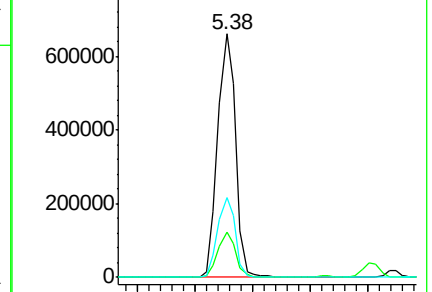
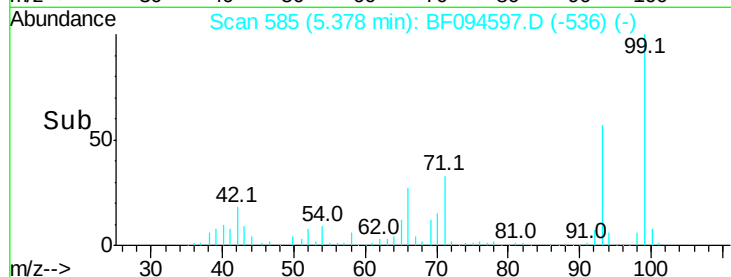
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.5	20.3
71	32.6	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.26 ng

RT: 5.52 min Scan# 610

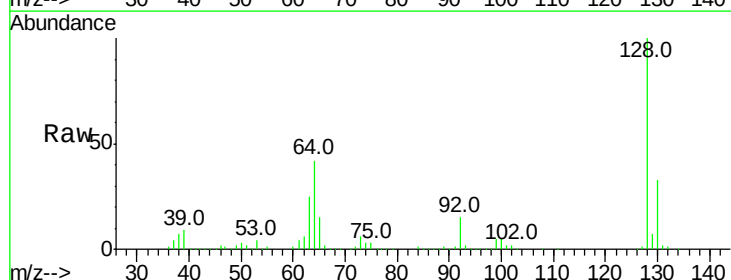
Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Tgt Ion: 128 Resp: 354245

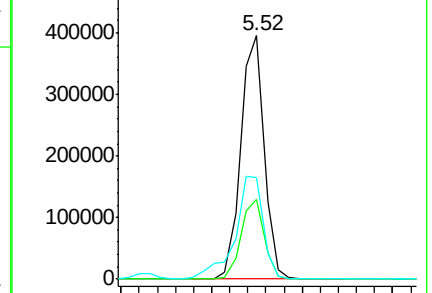
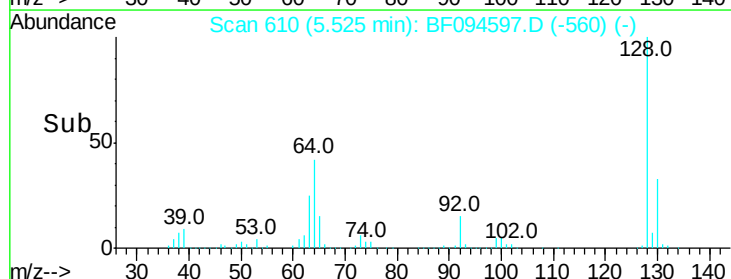
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	41.7	28.4	68.4

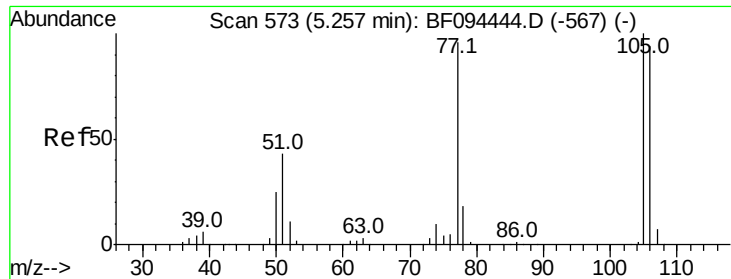


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

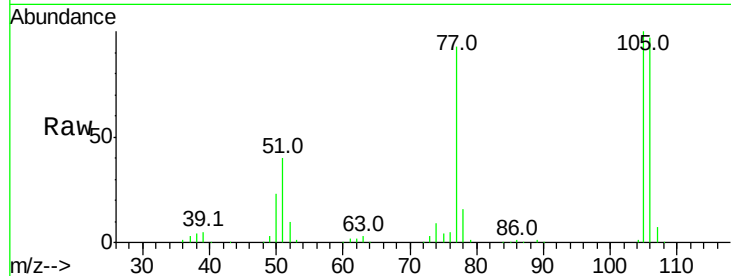




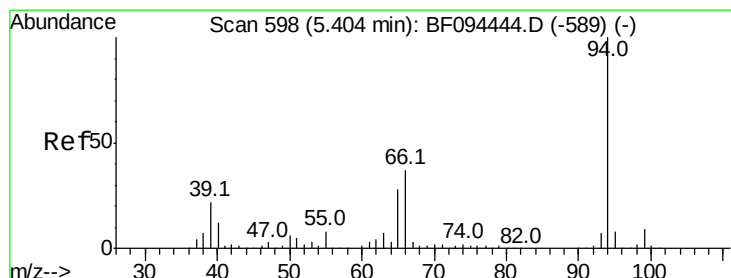
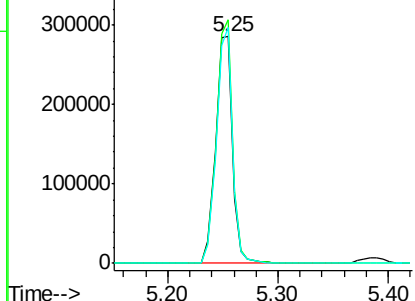
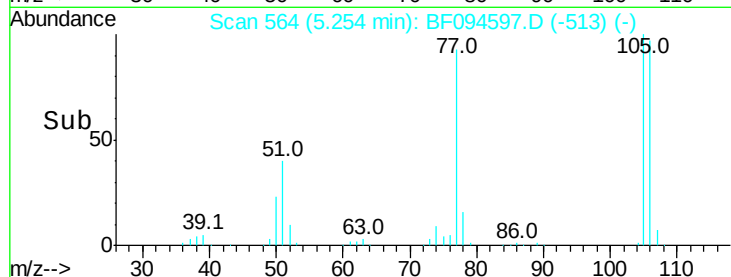
#9
Benzaldehyde
Concen: 42.22 ng
RT: 5.25 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 300221
Ion Ratio Lower Upper
77 100
105 107.4 83.8 123.8
106 103.8 79.1 119.1

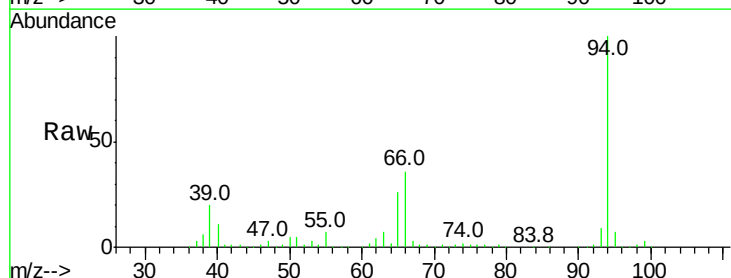


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

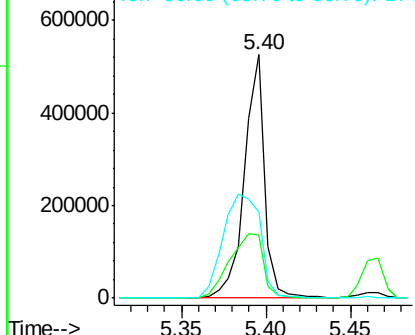
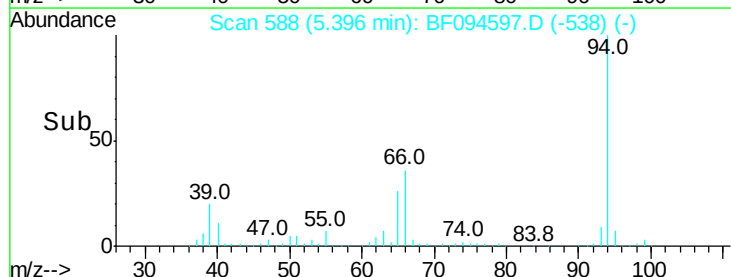


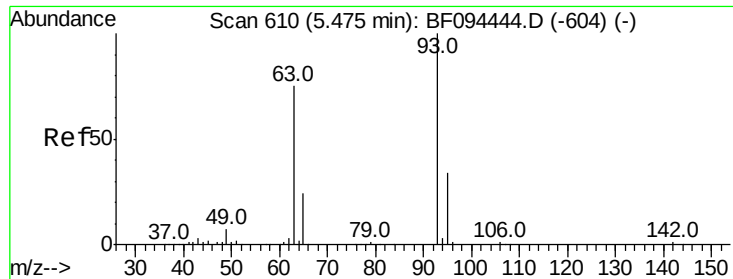
#10
Phenol
Concen: 38.21 ng
RT: 5.40 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion: 94 Resp: 438806
Ion Ratio Lower Upper
94 100
65 25.9 9.9 49.9
66 35.5 23.1 63.1



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





#11

bis(2-Chloroethyl)ether

Concen: 39.32 ng

RT: 5.47 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampled :

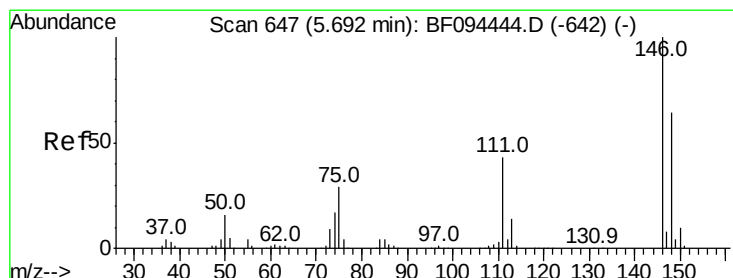
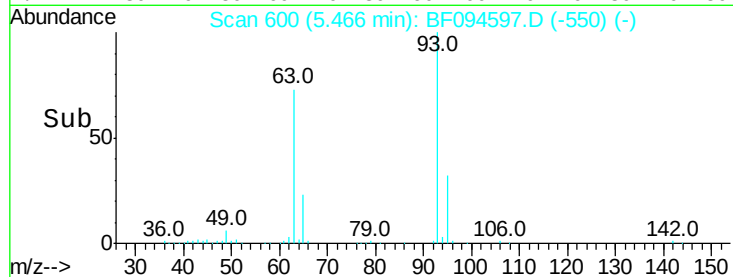
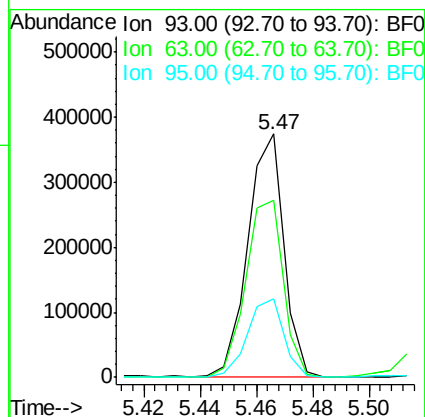
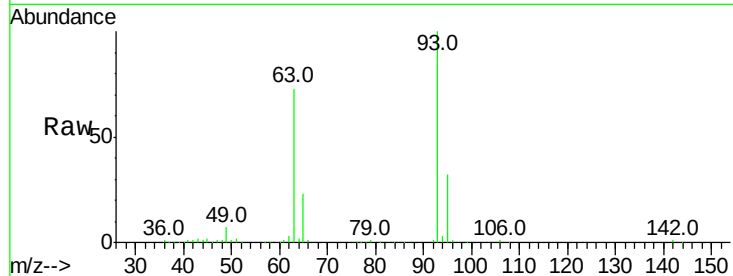
Tot Ion: 93 Resp: 329877

Ion Ratio Lower Upper

93 100

63 72.5 59.2 99.2

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.98 ng

RT: 5.68 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

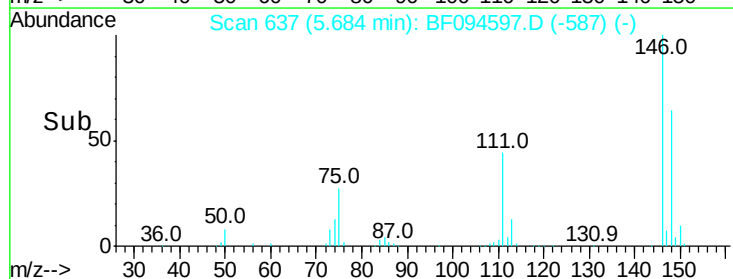
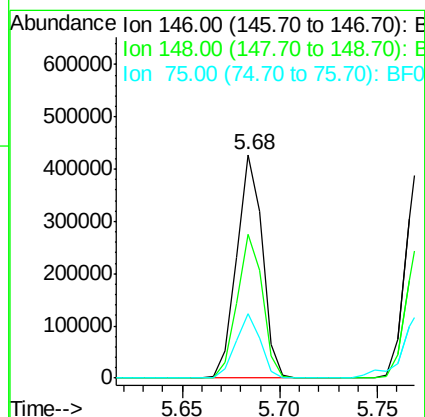
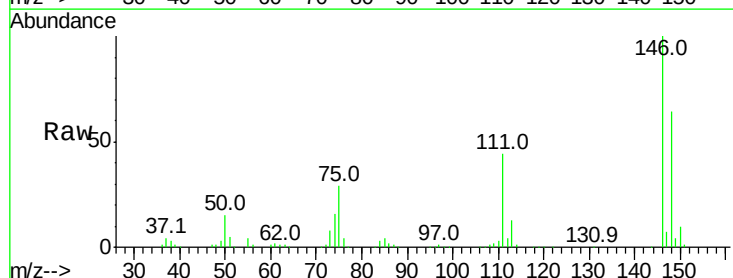
Tgt Ion: 146 Resp: 389664

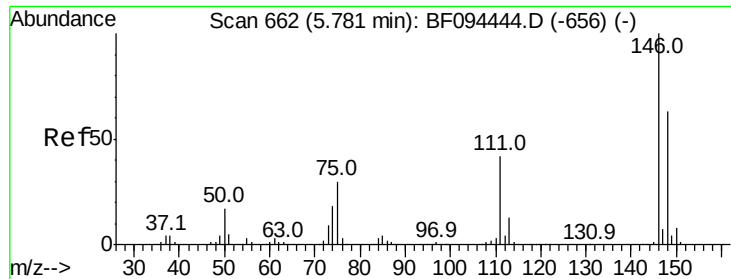
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

75 28.7 23.1 34.7

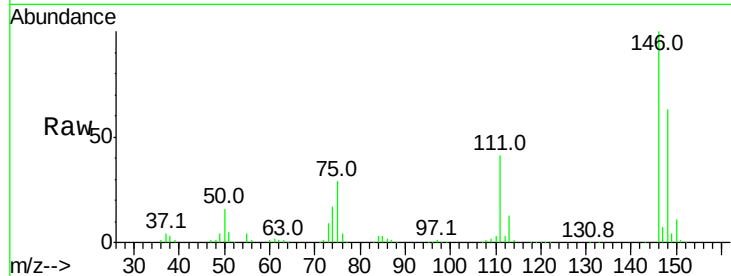




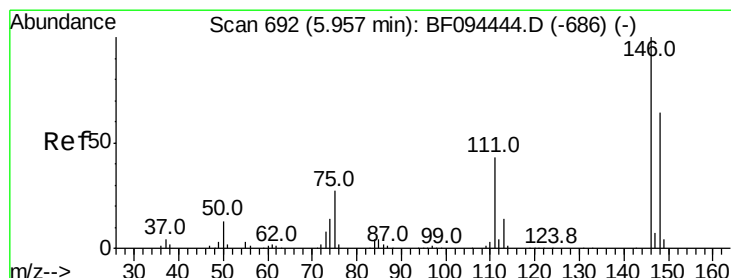
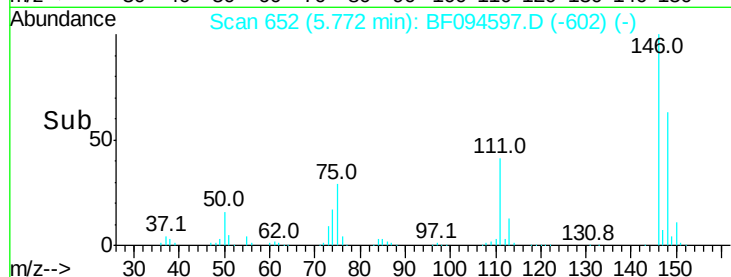
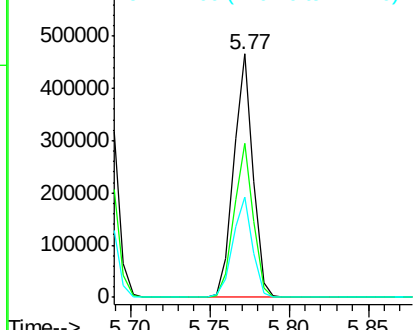
#13
 1,4-Dichlorobenzene
 Concen: 38.82 ng
 RT: 5.77 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 390496
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 41.4 30.3 45.5

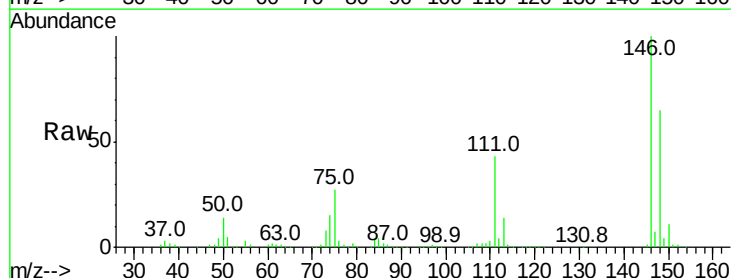


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

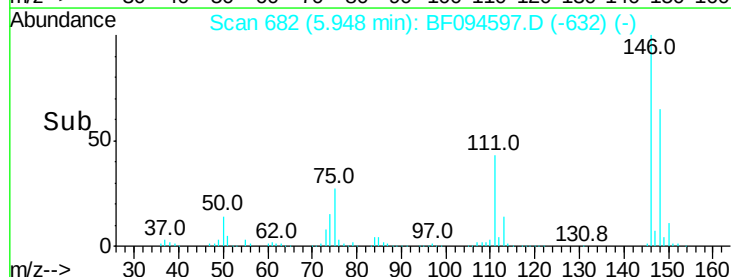
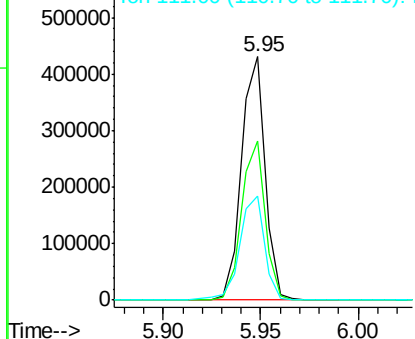


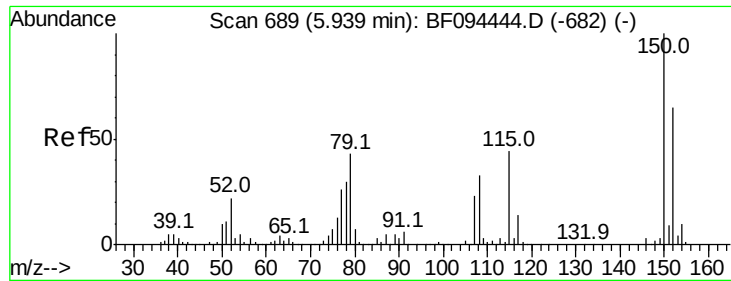
#14
 1,2-Dichlorobenzene
 Concen: 39.03 ng
 RT: 5.95 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion:146 Resp: 361629
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.4 75.6
 111 42.8 38.2 57.4



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

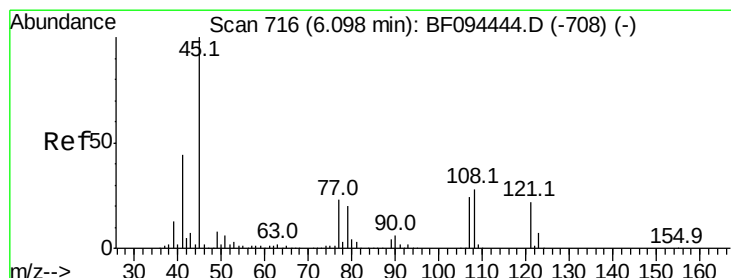
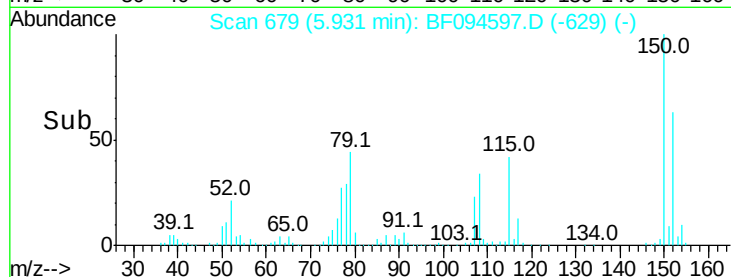
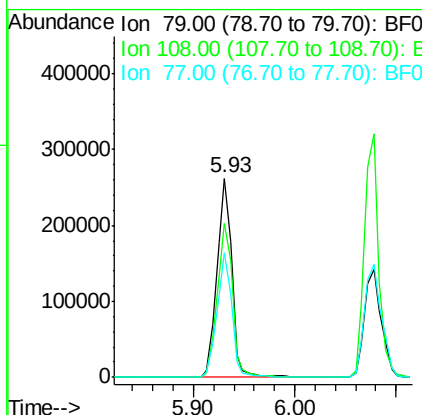
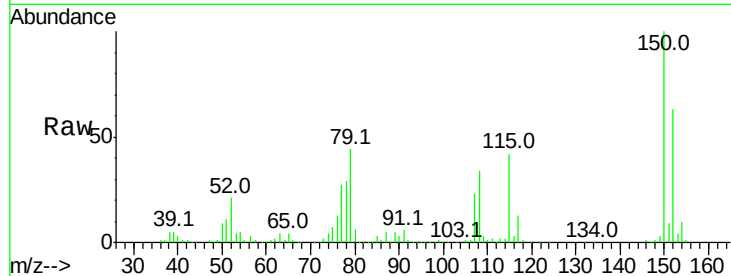




#15
Benzyl Alcohol
Concen: 38.84 ng
RT: 5.93 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

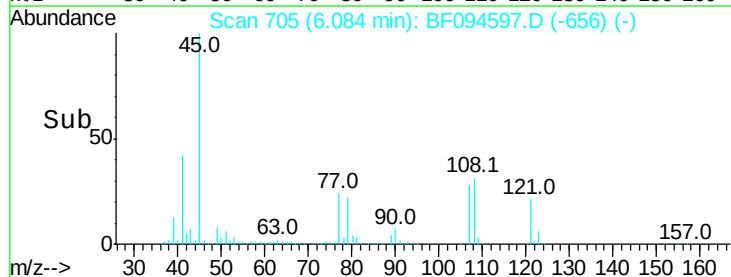
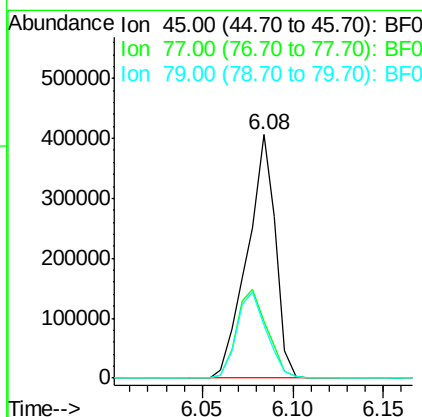
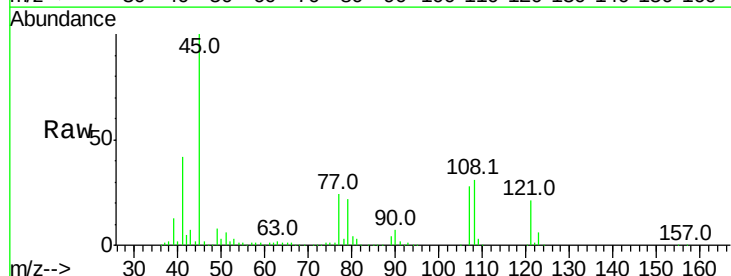
Instrument :
BNA_F
ClientSampleId :

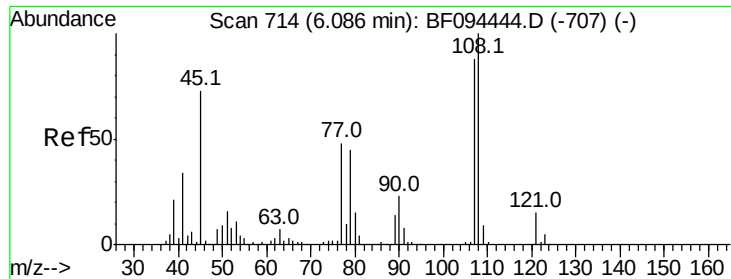
Tot Ion: 79 Resp: 269361
Ion Ratio Lower Upper
79 100
108 77.3 63.4 95.0
77 62.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.85 ng
RT: 6.08 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion: 45 Resp: 438350
Ion Ratio Lower Upper
45 100
77 23.5 0.0 33.2
79 21.8 0.0 30.0





#17

2-Methylphenol

Concen: 39.01 ng

RT: 6.08 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 277268

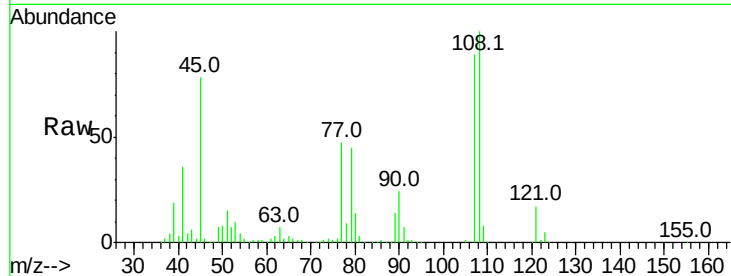
Ion Ratio Lower Upper

107 100

108 112.4 93.4 140.0

77 52.3 35.8 53.6

79 50.1 34.8 52.2

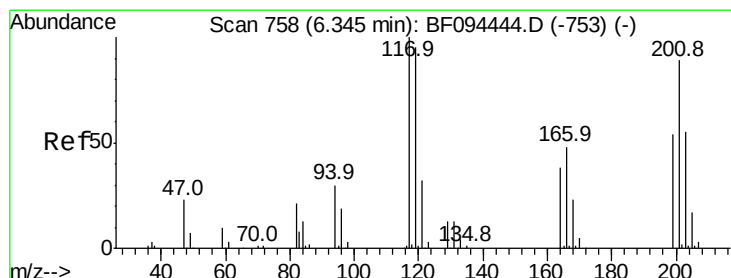
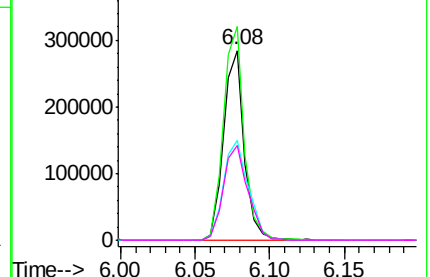
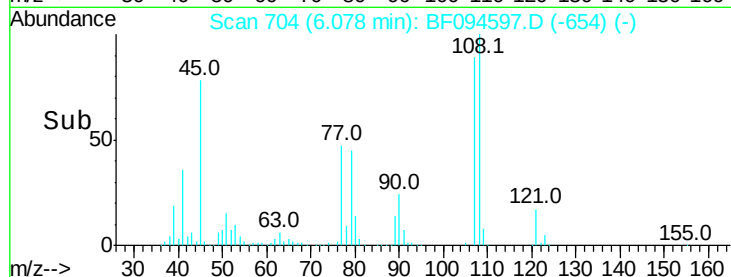


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.91 ng

RT: 6.33 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

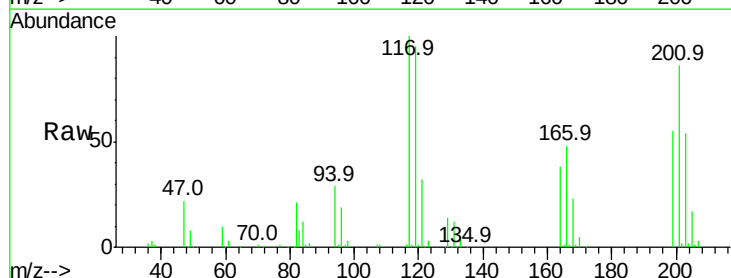
Tgt Ion:117 Resp: 134165

Ion Ratio Lower Upper

117 100

119 94.9 77.4 116.0

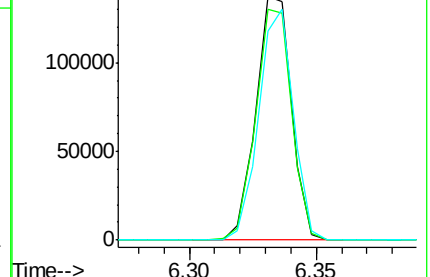
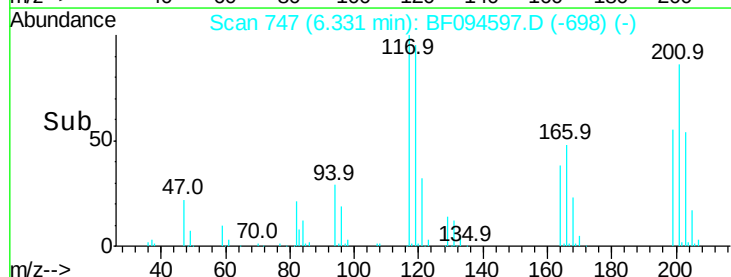
201 85.7 94.6 141.8#

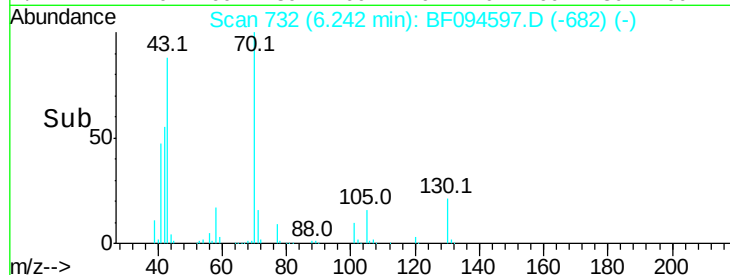
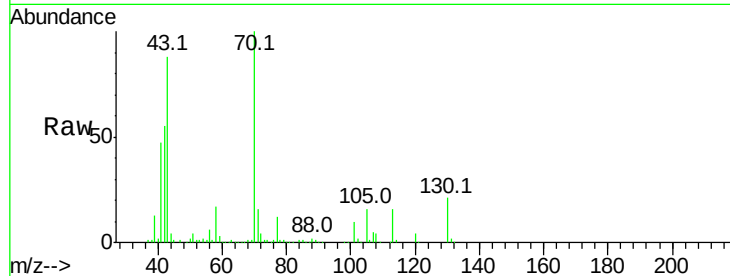
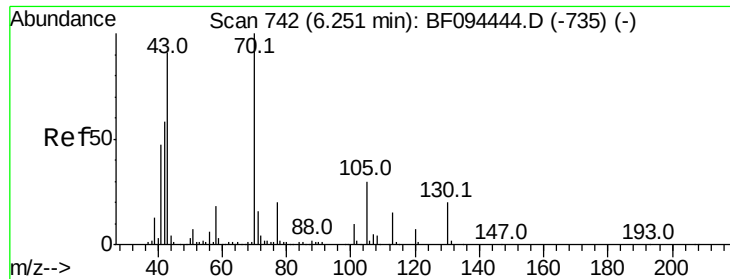


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

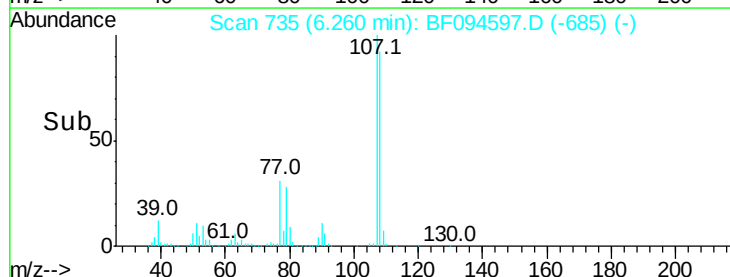
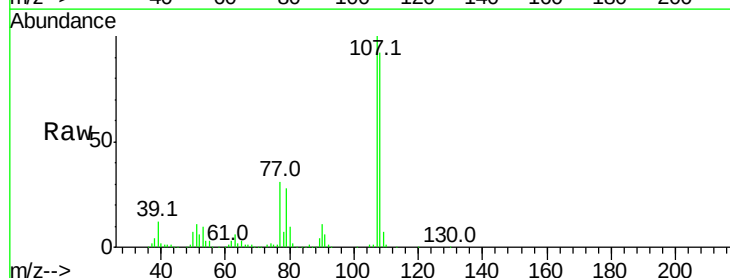
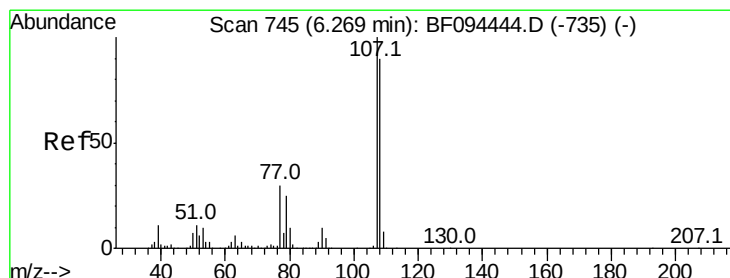
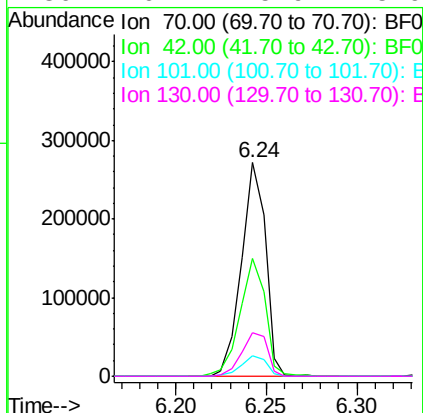




#19
n-Nitroso-di-n-propylamine
Concen: 40.65 ng
RT: 6.24 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

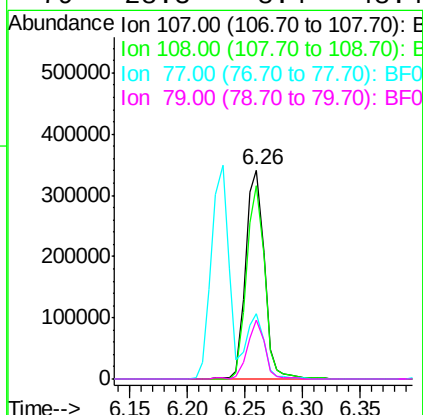
Instrument :
BNA_F
ClientSampleId :

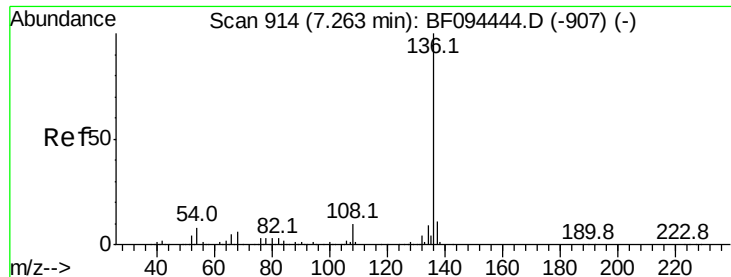
Tot Ion:	70	Resp:	251809
Ion	Ratio	Lower	Upper
70	100		
42	55.2	47.2	70.8
101	9.9	7.2	10.8
130	20.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.95 ng
RT: 6.26 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion:	107	Resp:	385764
Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.0	111.0
77	31.3	90.5	130.5#
79	28.3	8.4	48.4

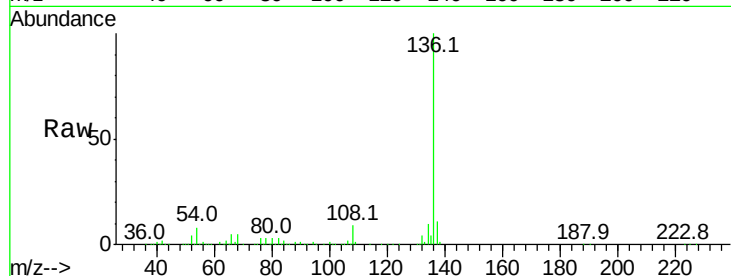




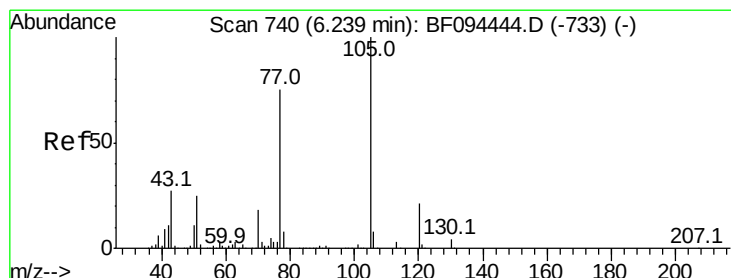
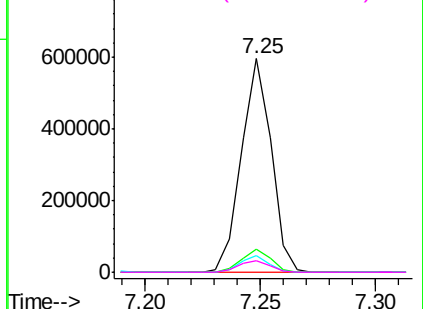
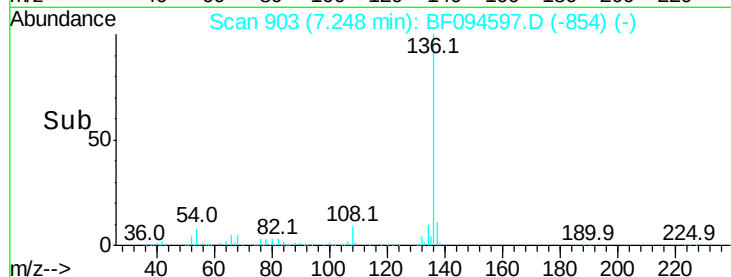
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	539055
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.5	12.7
54 7.5	4.9	7.3#
68 5.5	4.1	6.1

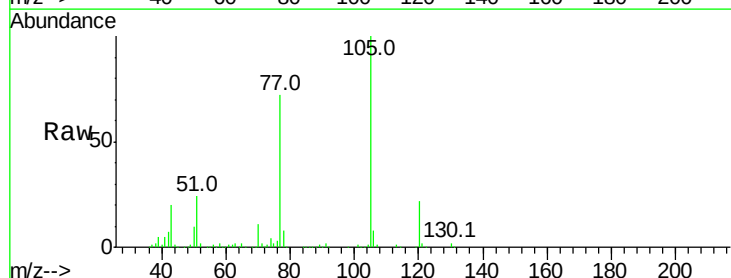


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

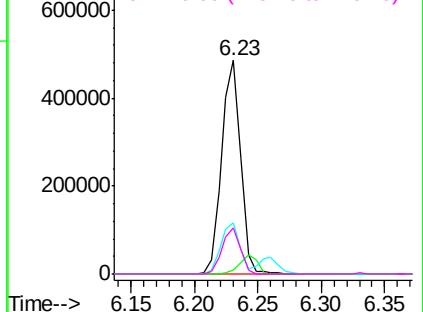
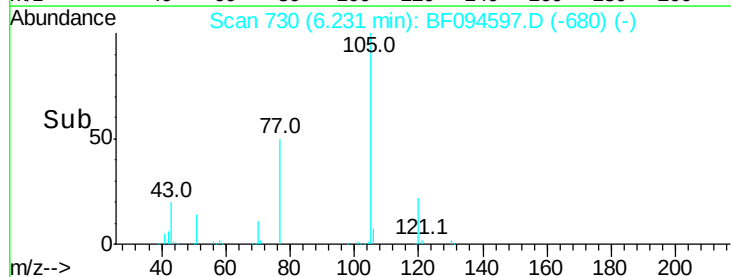


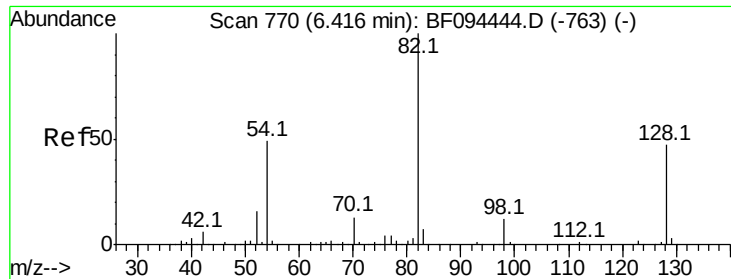
#22
Acetophenone
Concen: 38.74 ng
RT: 6.23 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion:105	Resp:	507709
Ion Ratio	Lower	Upper
105 100		
71 1.8	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





#23

Nitrobenzene-d5

Concen: 76.35 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

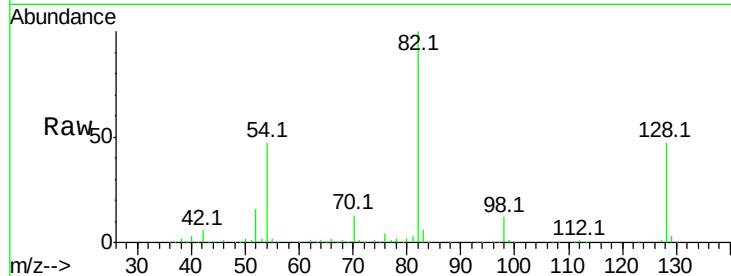
Tot Ion: 82 Resp: 666488

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

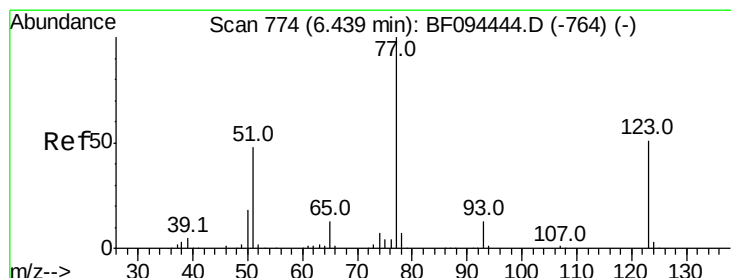
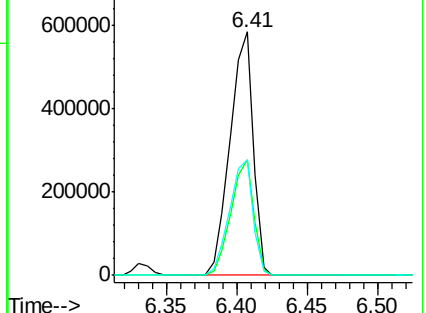
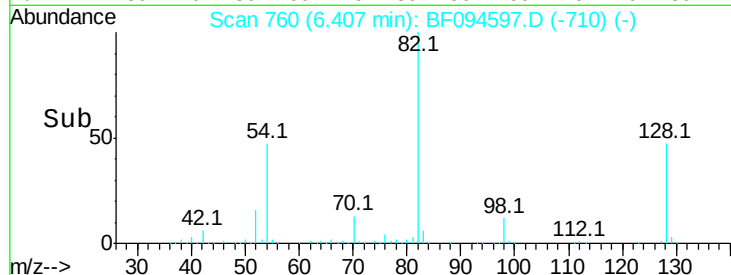
54 47.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.16 ng

RT: 6.42 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

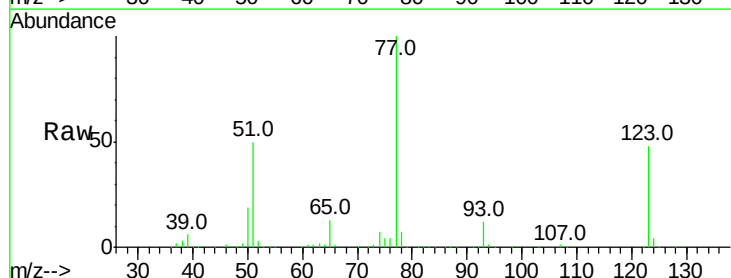
Tgt Ion: 77 Resp: 359997

Ion Ratio Lower Upper

77 100

123 48.1 35.8 53.8

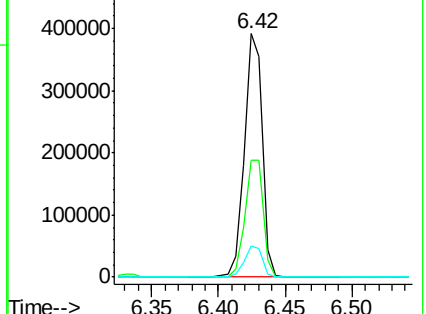
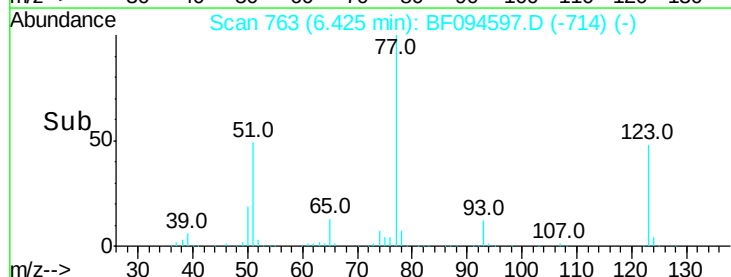
65 12.6 10.6 15.8

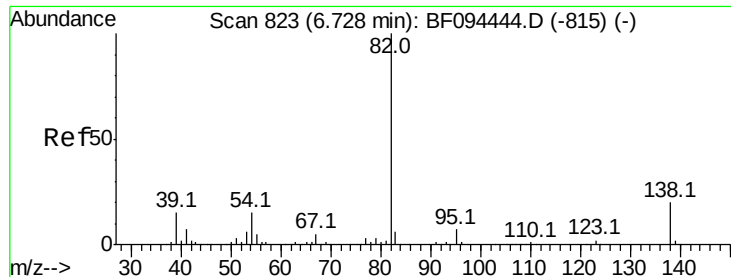


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.06 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

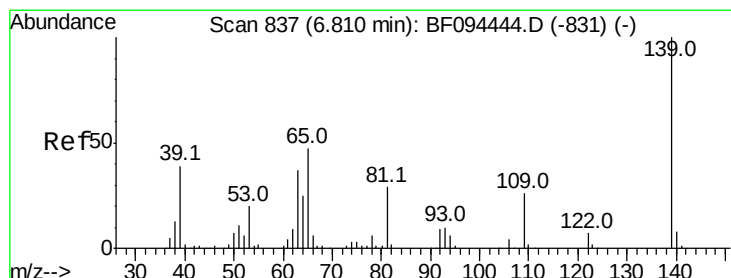
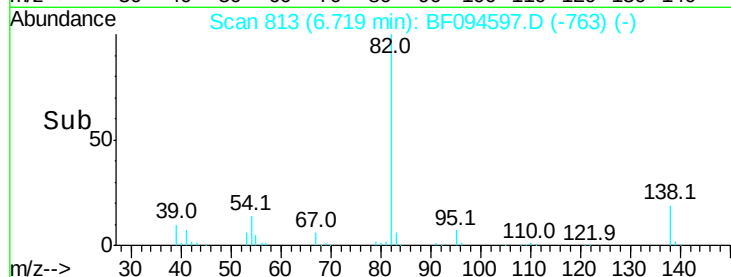
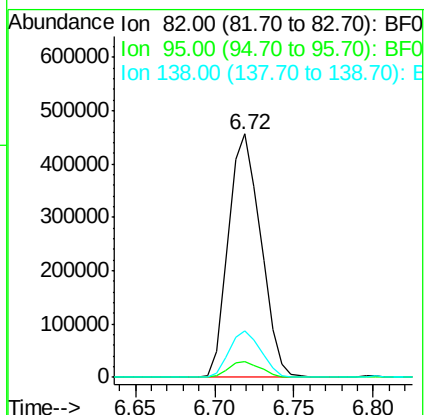
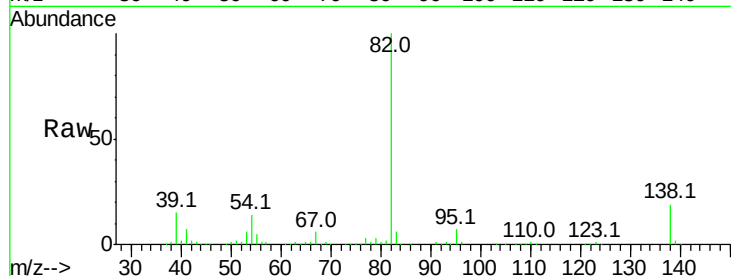
Tot Ion: 82 Resp: 648276

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 39.32 ng

RT: 6.80 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

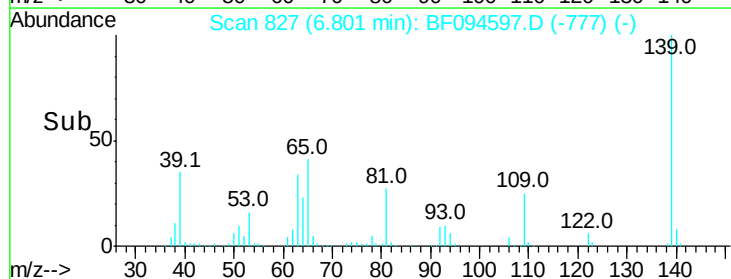
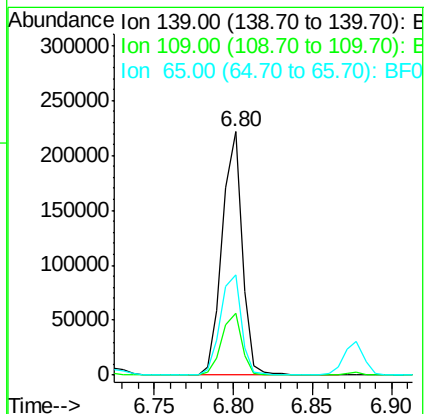
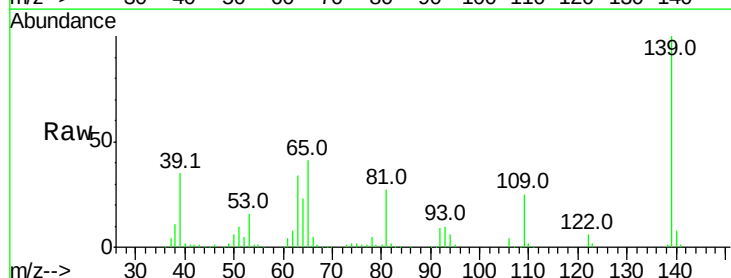
Tgt Ion: 139 Resp: 194206

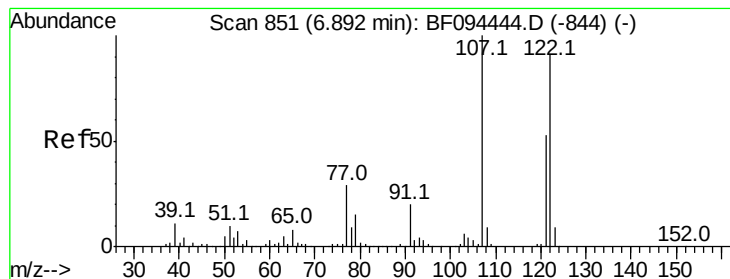
Ion Ratio Lower Upper

139 100

109 25.4 21.0 31.6

65 41.2 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 38.30 ng

RT: 6.88 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampled :

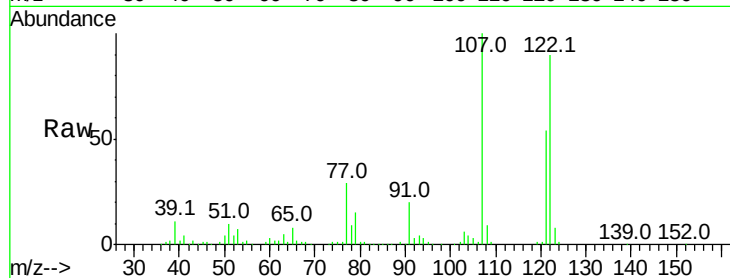
Tot Ion:122 Resp: 307272

Ion Ratio Lower Upper

122 100

107 110.5 89.2 133.8

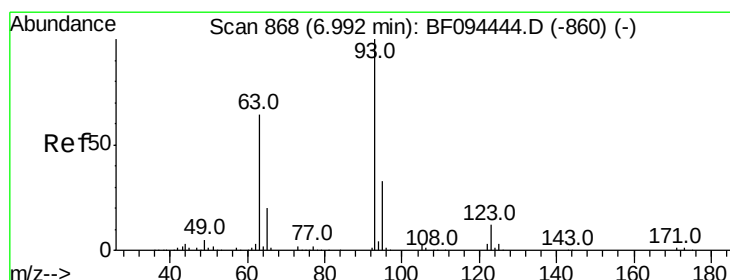
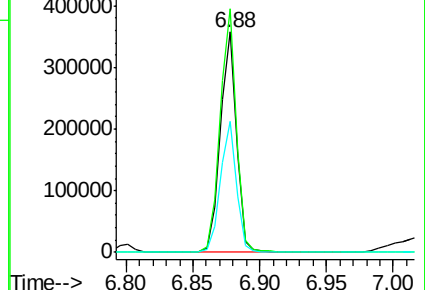
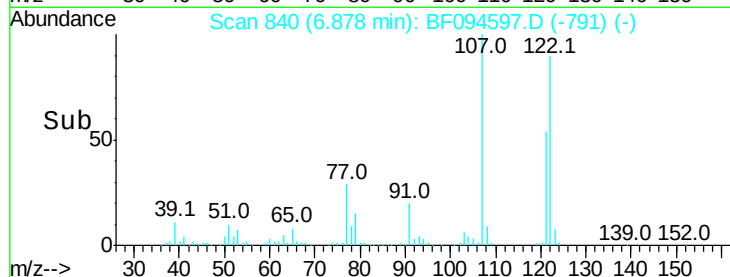
121 59.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.75 ng

RT: 6.98 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

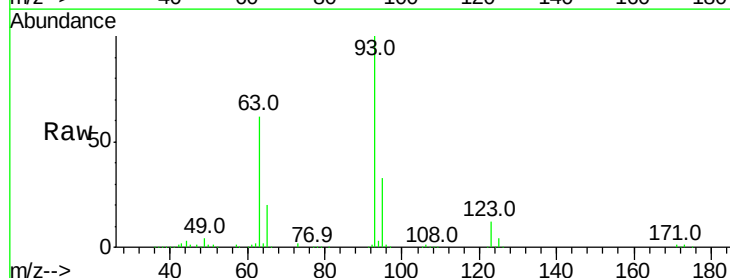
Tgt Ion: 93 Resp: 416079

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

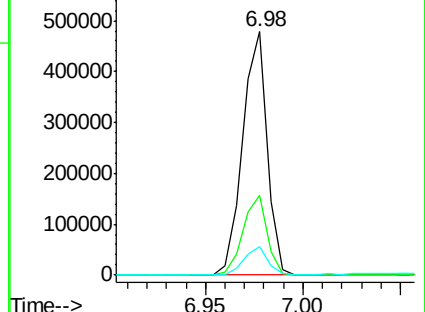
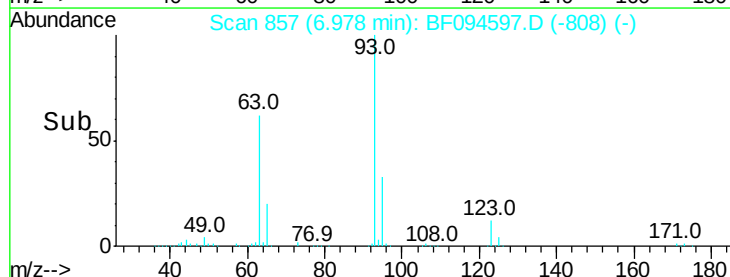
123 11.6 9.0 13.4

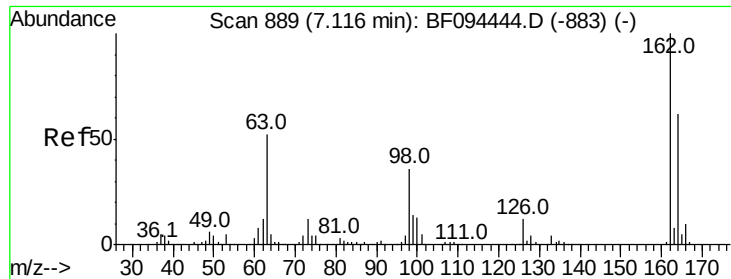


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

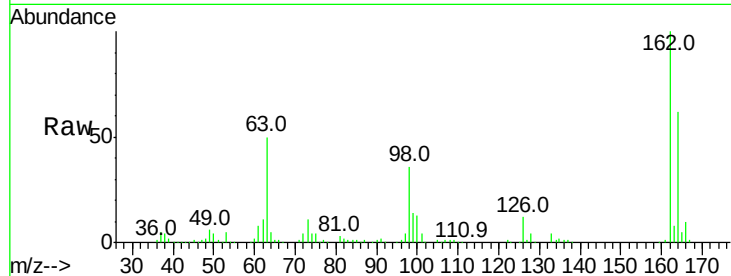




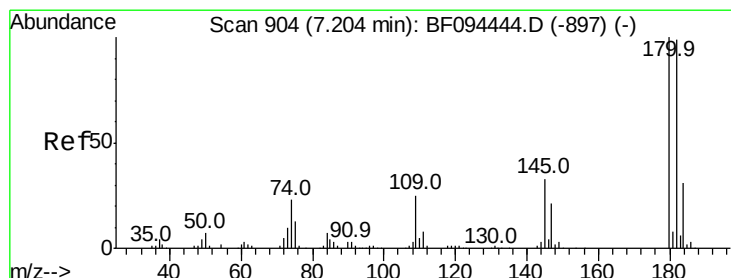
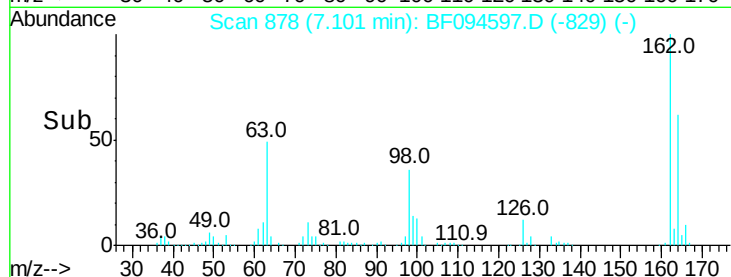
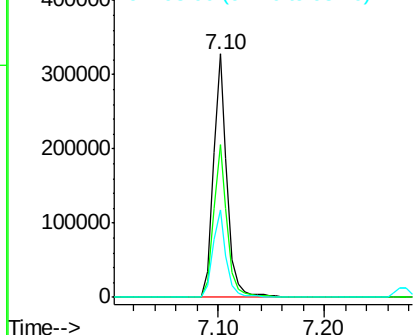
#29
 2,4-Dichlorophenol
 Concen: 39.92 ng
 RT: 7.10 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	35.7	14.8	54.8

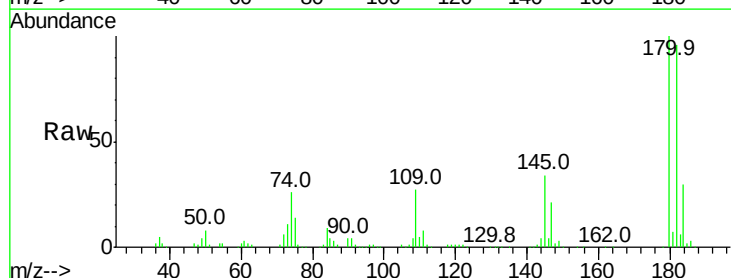


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

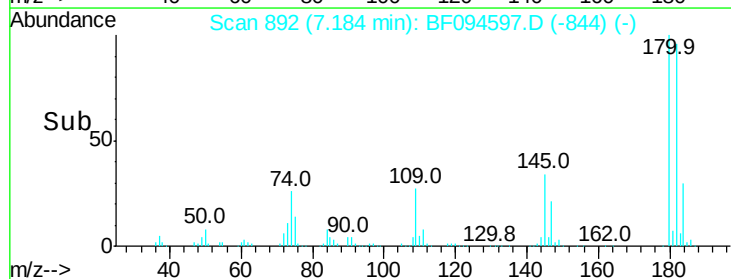
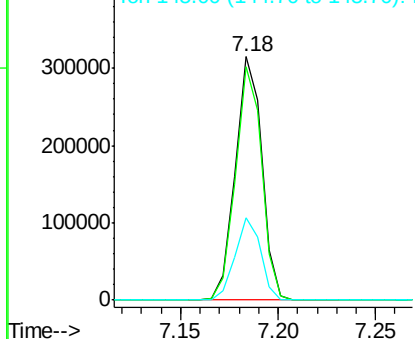


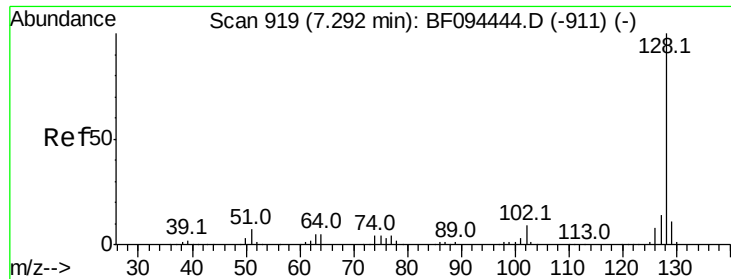
#30
 1,2,4-Trichlorobenzene
 Concen: 38.38 ng
 RT: 7.18 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.6
145	33.6	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

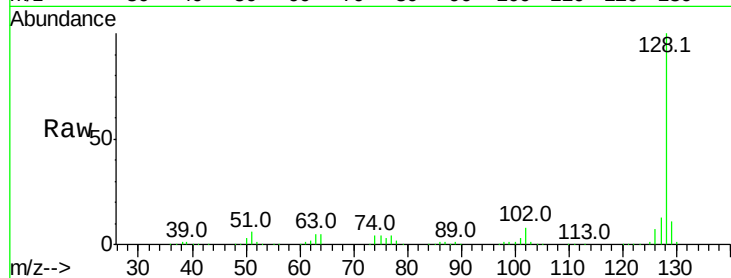




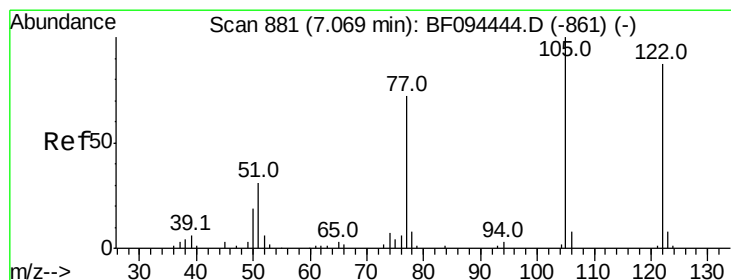
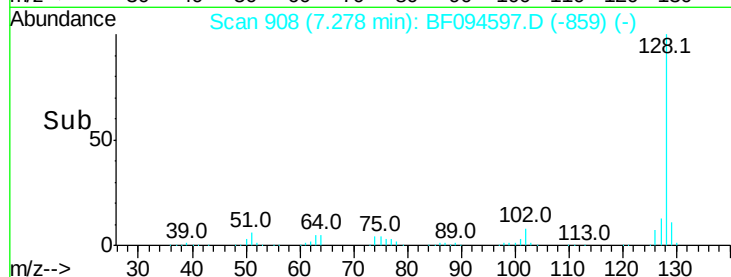
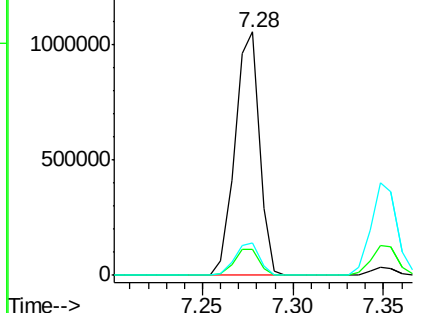
#31
Naphthalene
Concen: 38.17 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 989158
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.3 10.8 16.2

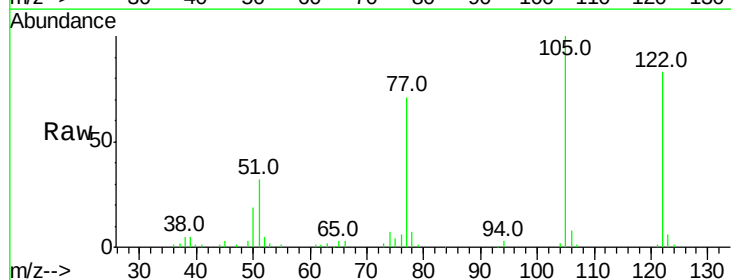


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

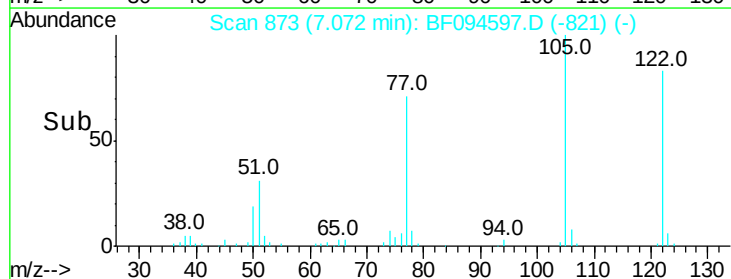
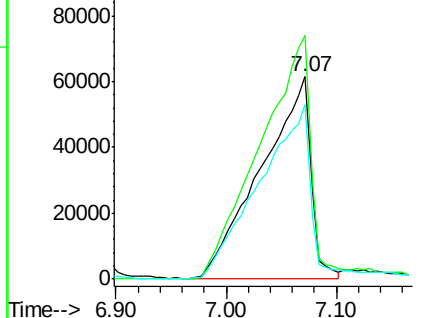


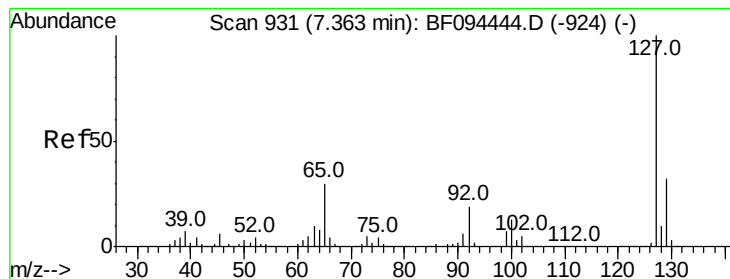
#32
Benzoic acid
Concen: 45.37 ng
RT: 7.07 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion:122 Resp: 192495
Ion Ratio Lower Upper
122 100
105 120.5 103.3 143.3
77 86.1 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: 37.92 ng

RT: 7.35 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 408843

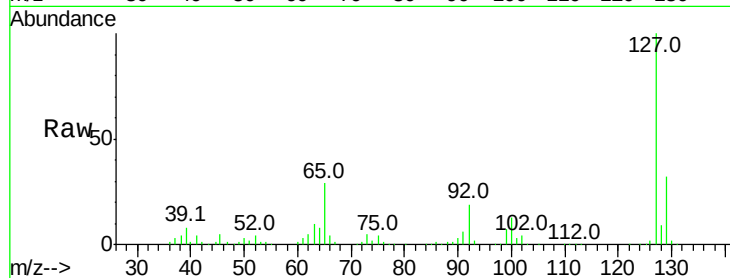
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.2

65 29.3 27.8 41.8

92 19.0 16.8 25.2

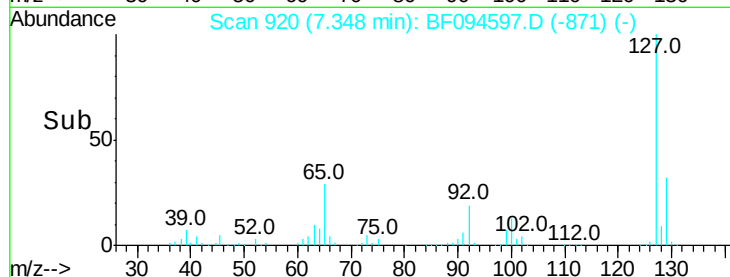


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

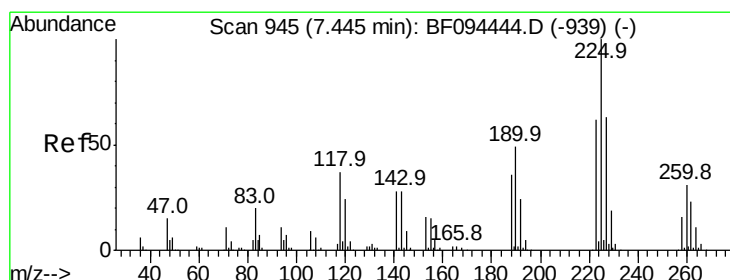
Ion 92.00 (91.70 to 92.70): BF0



Abundance

7.35

Time-->



#34

Hexachlorobutadiene

Concen: 38.84 ng

RT: 7.43 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

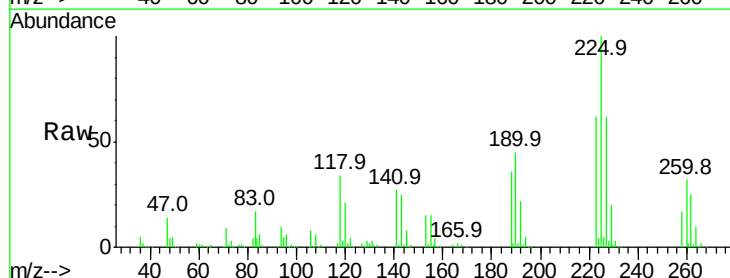
Tgt Ion:225 Resp: 149419

Ion Ratio Lower Upper

225 100

223 62.3 48.8 73.2

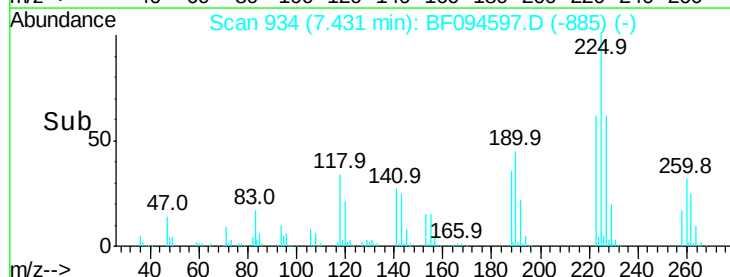
227 62.4 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

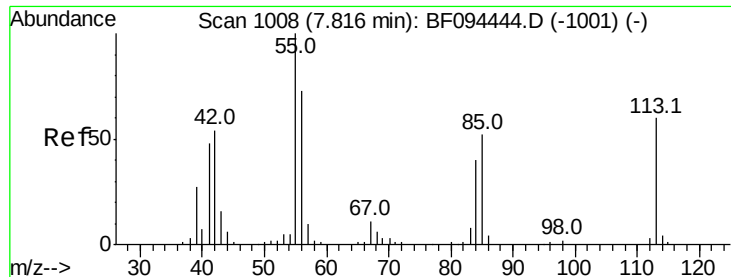
Ion 227.00 (226.70 to 227.70): E



Abundance

7.43

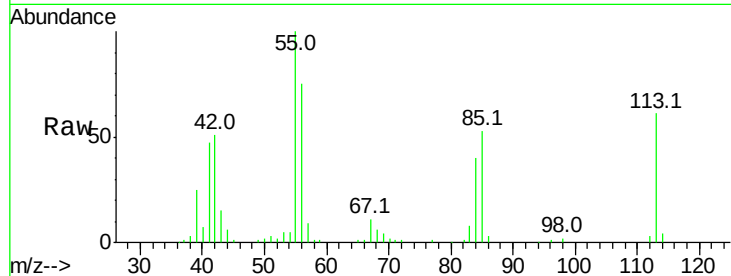
Time-->



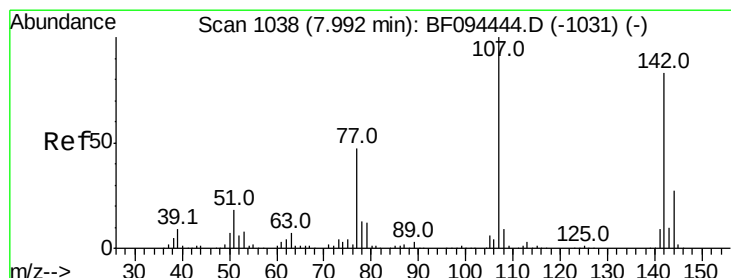
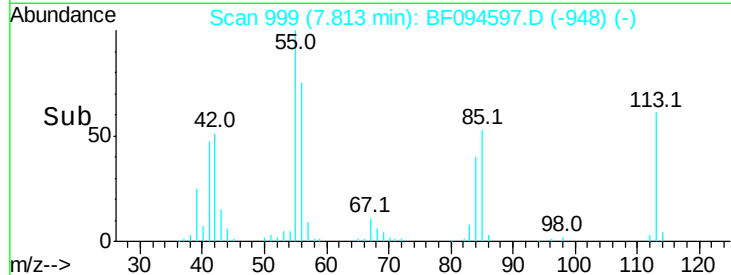
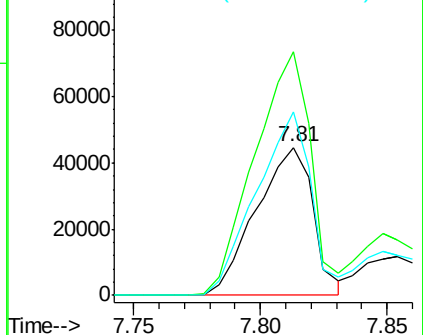
#35
 Caprolactam
 Concen: 29.73 ng
 RT: 7.81 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 69701
 Ion Ratio Lower Upper
 113 100
 55 164.9 150.2 190.2
 56 123.9 107.8 147.8

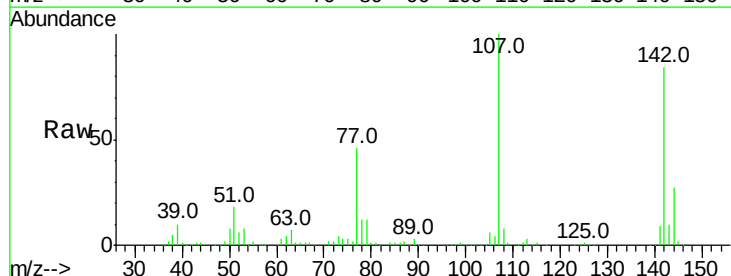


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

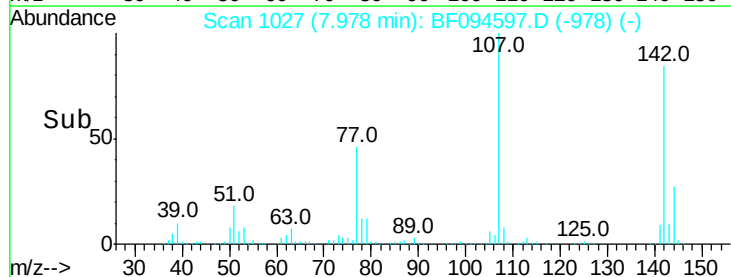
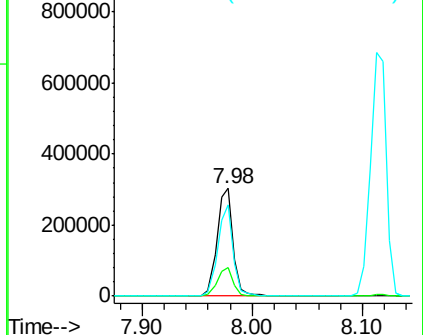


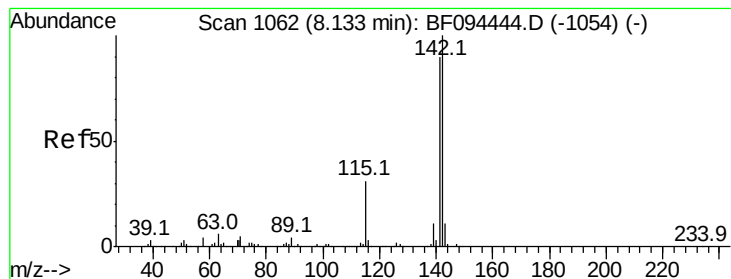
#36
 4-Chloro-3-methylphenol
 Concen: 38.93 ng
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion:107 Resp: 304472
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 84.2 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: 39.17 ng

RT: 8.11 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampled :

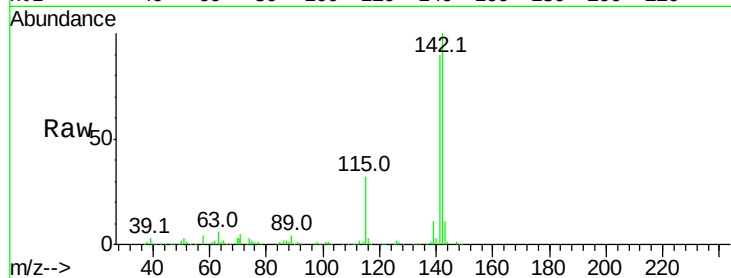
Tot Ion:142 Resp: 694385

Ion Ratio Lower Upper

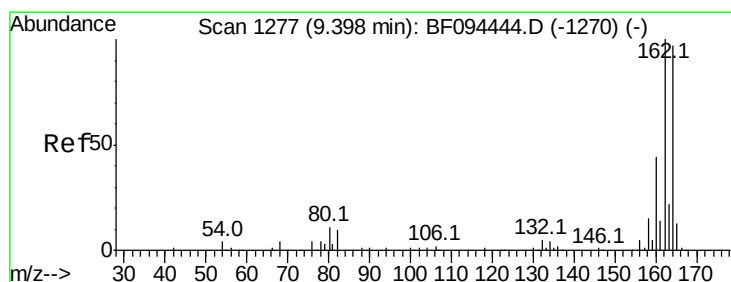
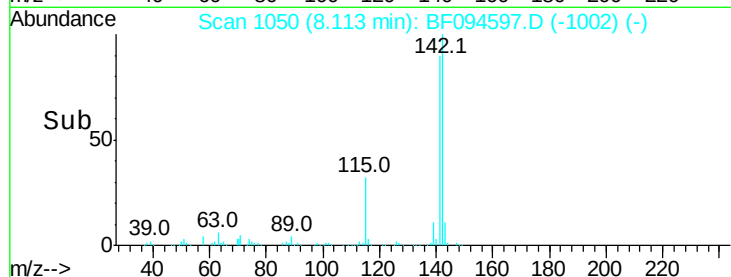
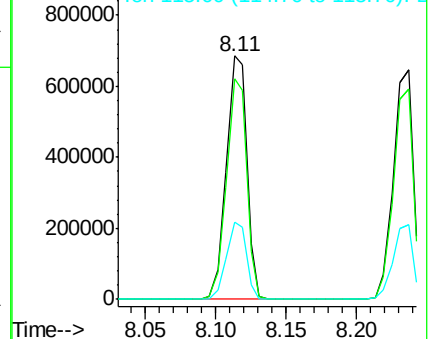
142 100

141 90.4 71.3 106.9

115 31.9 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

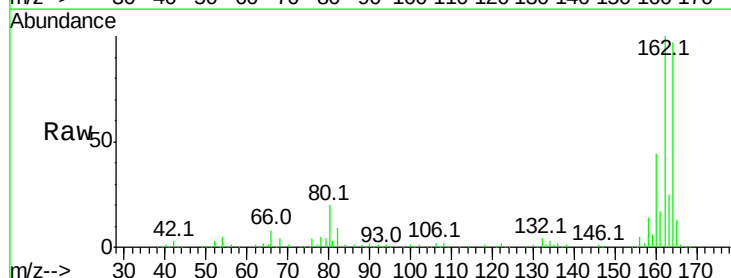
Tgt Ion:164 Resp: 248385

Ion Ratio Lower Upper

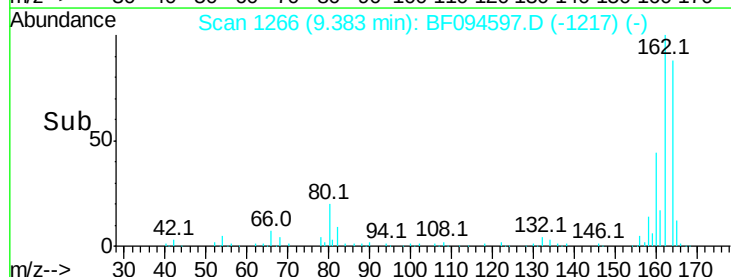
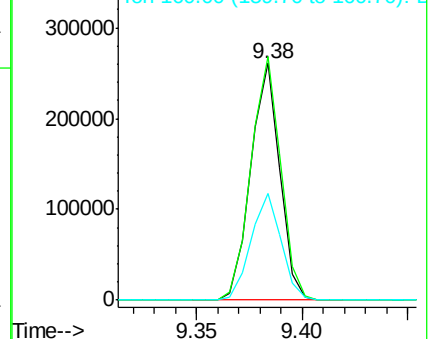
164 100

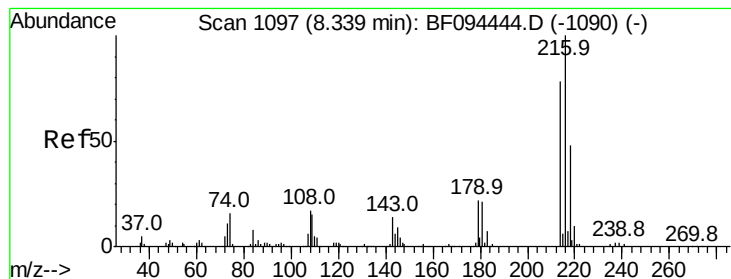
162 102.7 82.6 123.8

160 45.0 36.2 54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.96 ng

RT: 8.32 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 275537

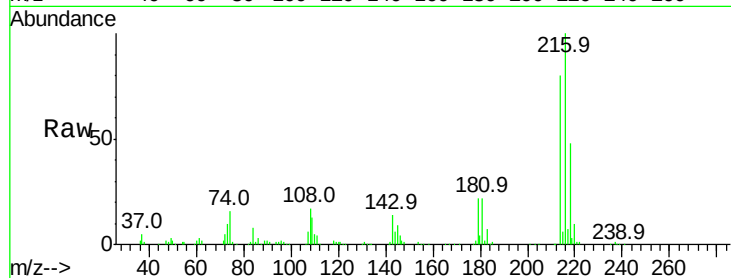
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 21.9 17.9 26.9

108 19.8 16.5 24.7

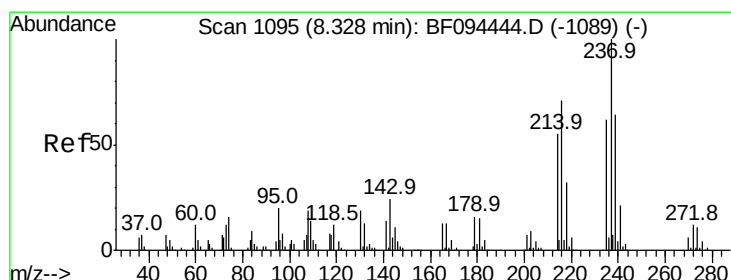
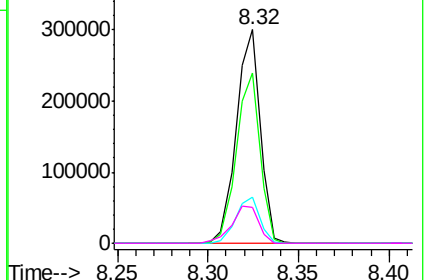
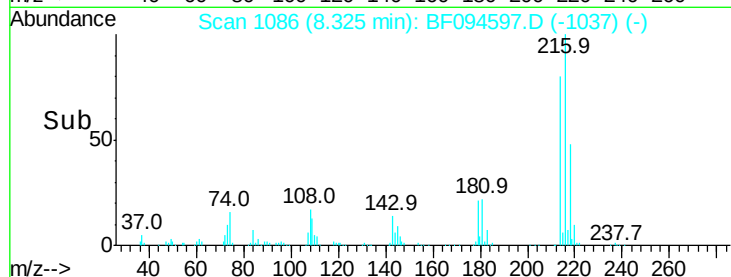


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.45 ng

RT: 8.31 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

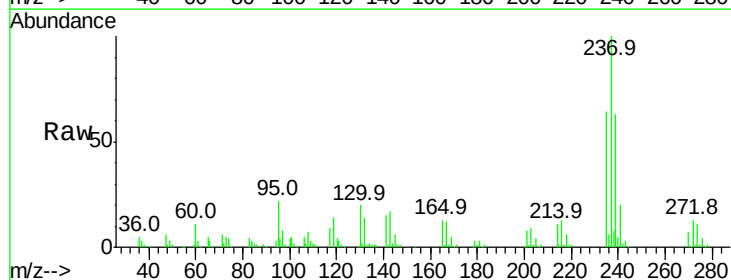
Tgt Ion:237 Resp: 118601

Ion Ratio Lower Upper

237 100

235 63.7 42.6 82.6

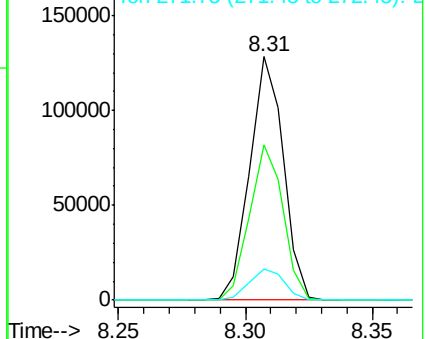
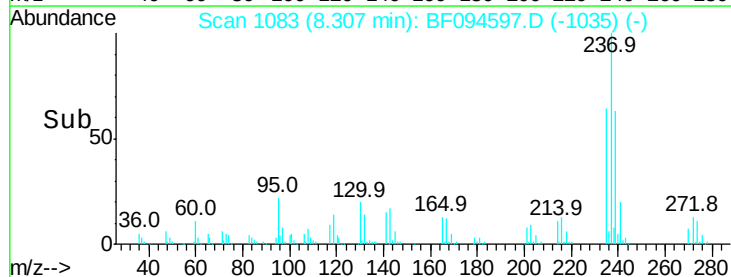
272 12.6 0.0 31.9

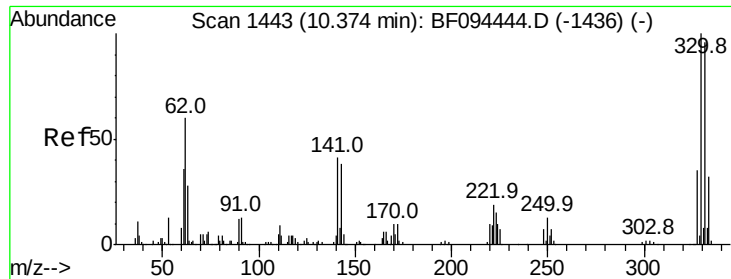


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

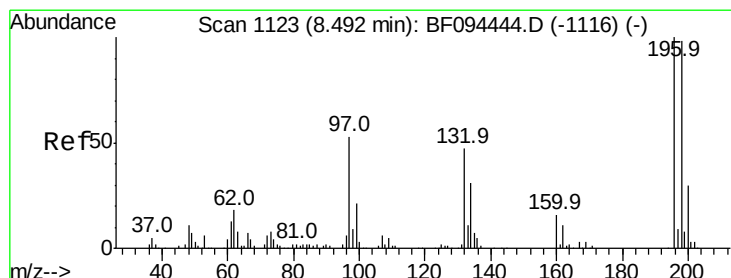
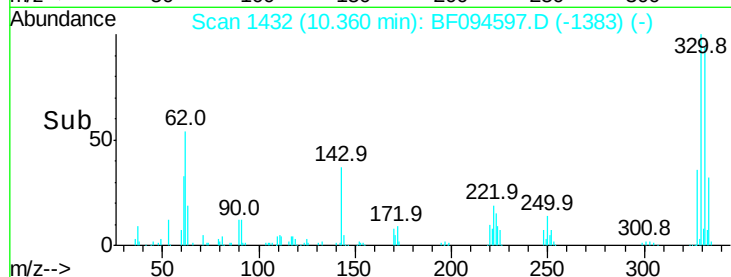
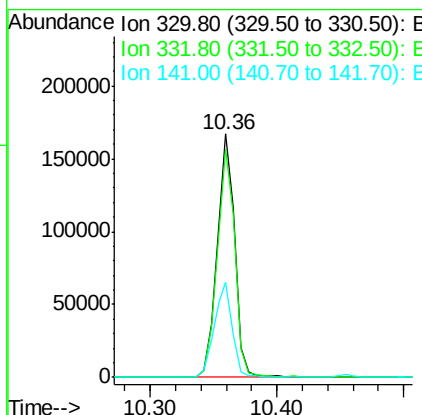
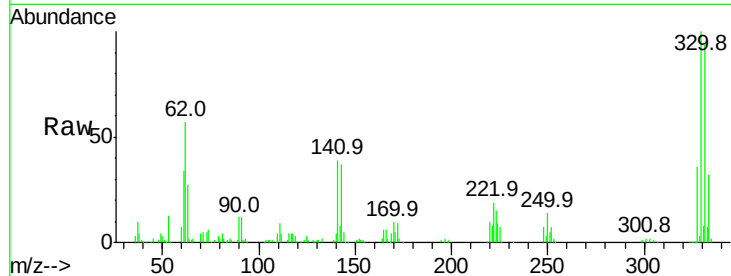




#41
 2,4,6-Tribromophenol
 Concen: 84.25 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

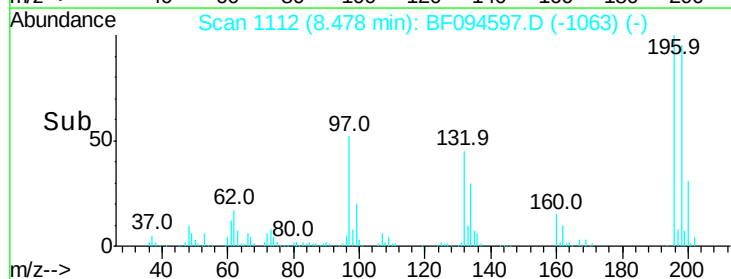
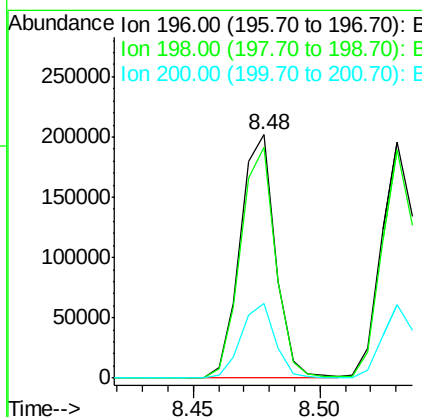
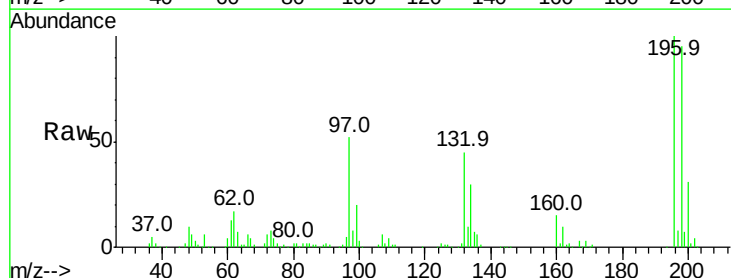
Instrument :
 BNA_F
 ClientSampled :

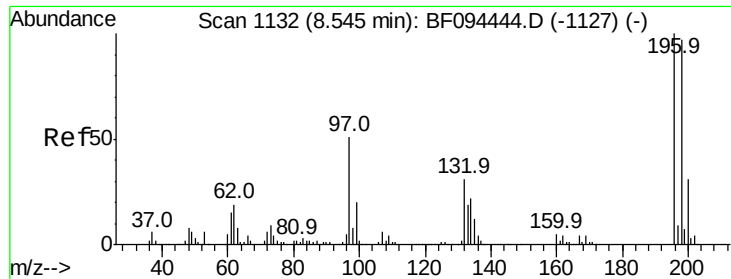
Tot Ion:330 Resp: 163682
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 115.0
 141 40.0 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.34 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion:196 Resp: 195392
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.4
 200 30.6 24.0 36.0

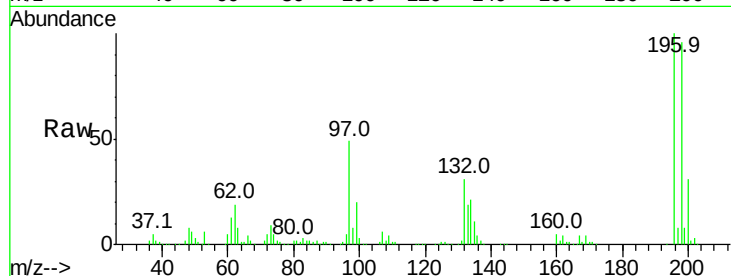




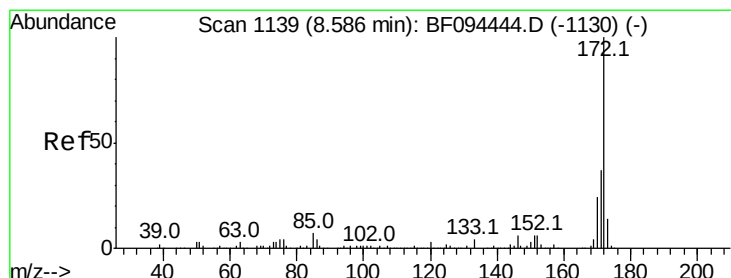
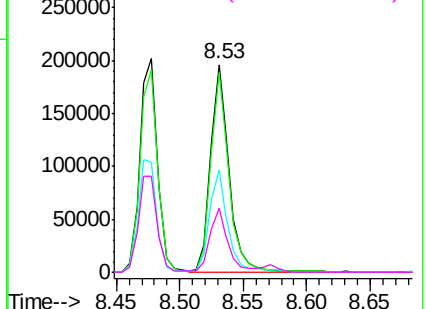
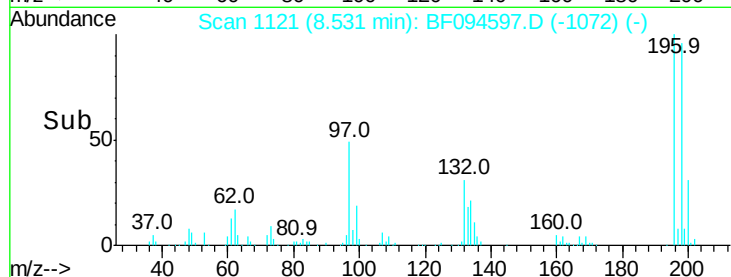
#43
 2,4,5-Trichlorophenol
 Concen: 39.41 ng
 RT: 8.53 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 201044
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 97 49.5 47.7 71.5
 132 30.7 28.0 42.0

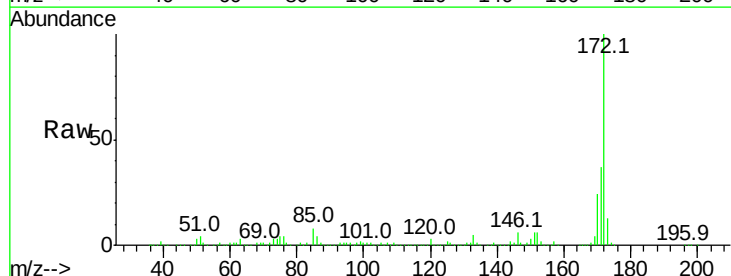


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

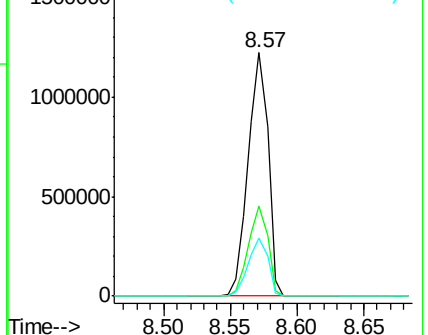
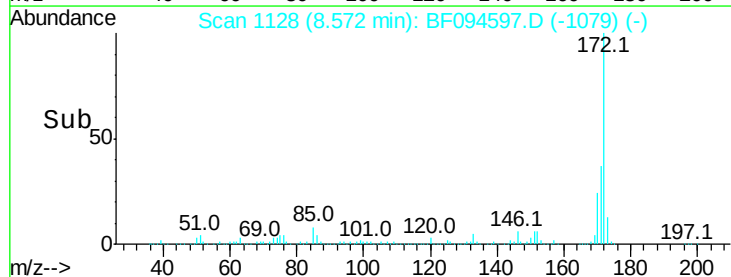


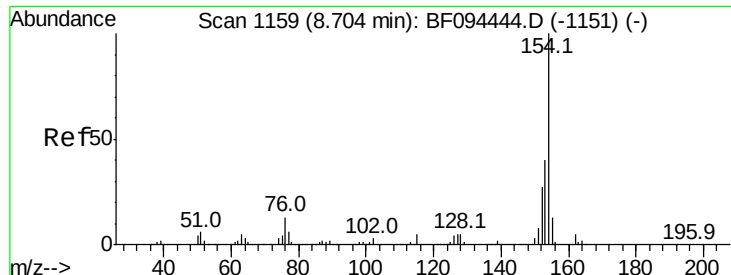
#44
 2-Fluorobiphenyl
 Concen: 73.95 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion:172 Resp: 1248446
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.9 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 39.07 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampled :

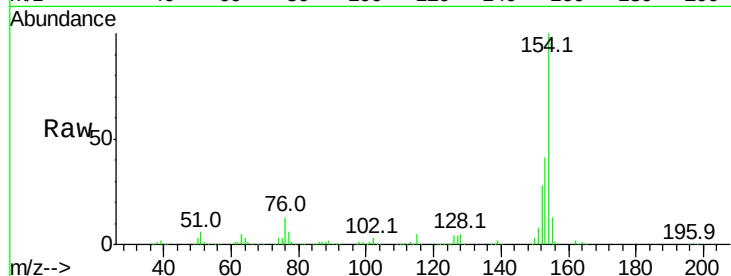
Tot Ion:154 Resp: 792889

Ion Ratio Lower Upper

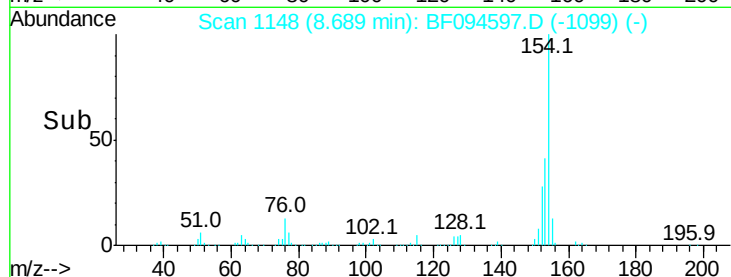
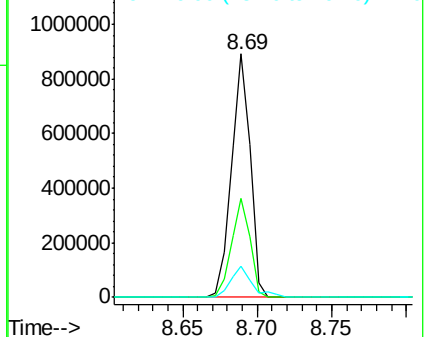
154 100

153 40.7 21.2 61.2

76 12.8 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 39.20 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

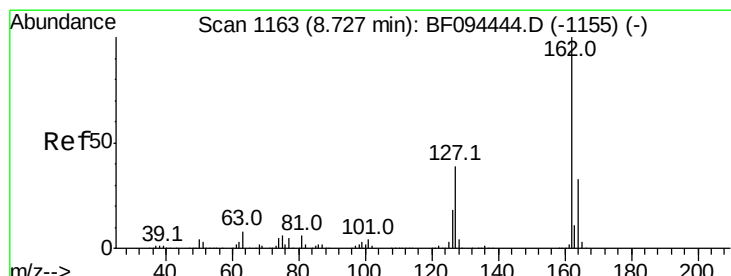
Tgt Ion:162 Resp: 632585

Ion Ratio Lower Upper

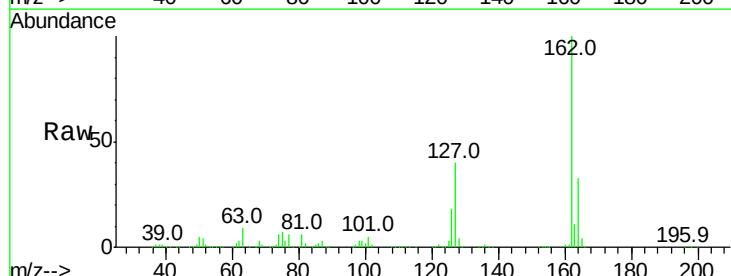
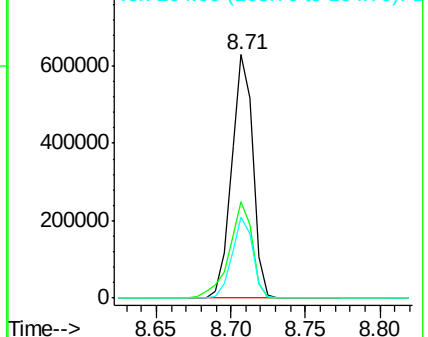
162 100

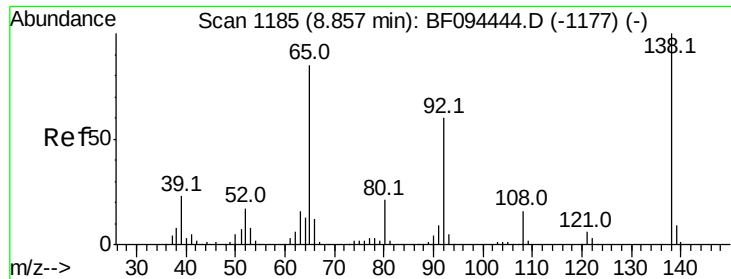
127 39.8 28.3 42.5

164 33.4 27.0 40.4



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

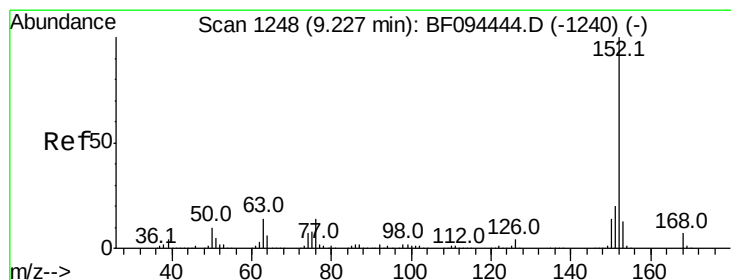
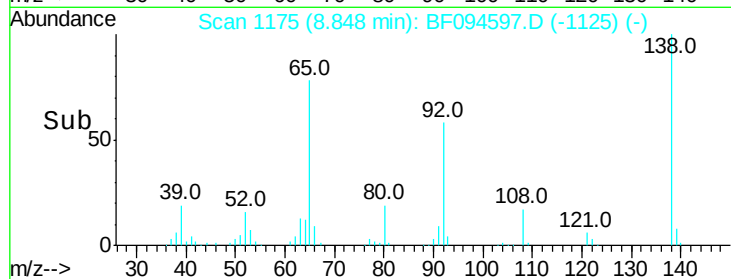
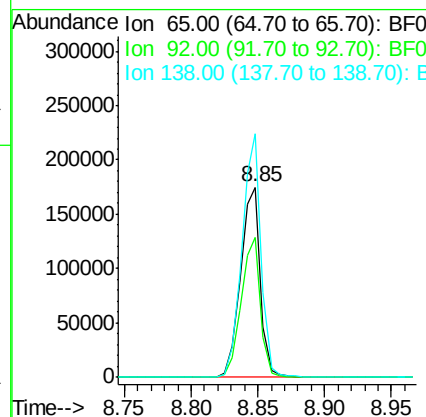
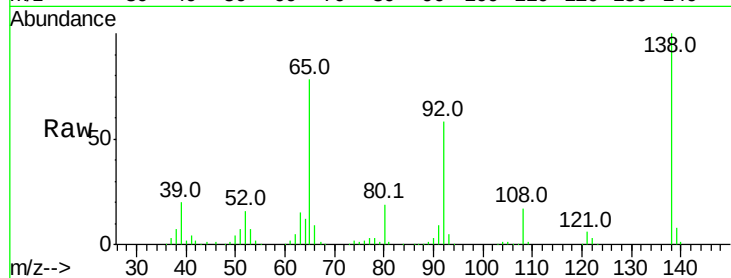




#47
 2-Nitroaniline
 Concen: 39.00 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

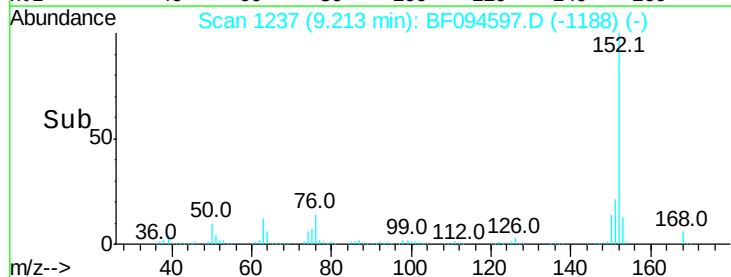
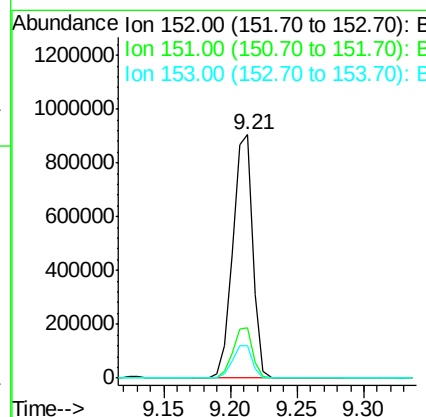
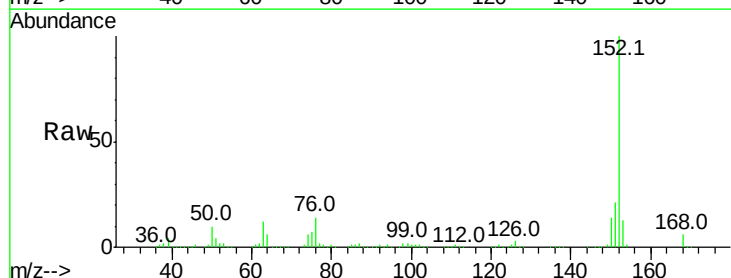
Instrument :
 BNA_F
 ClientSampled :

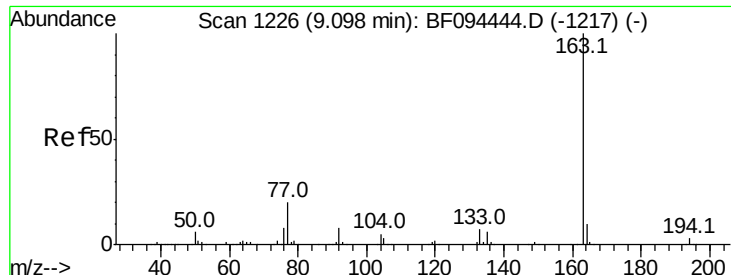
Tot Ion: 65 Resp: 181033
 Ion Ratio Lower Upper
 65 100
 92 73.8 53.9 80.9
 138 127.9 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.03 ng
 RT: 9.21 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion:152 Resp: 956723
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.1 10.8 16.2

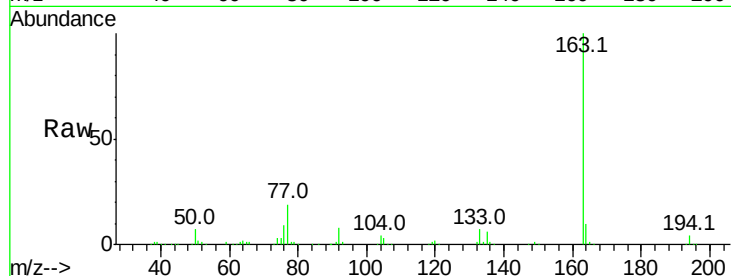




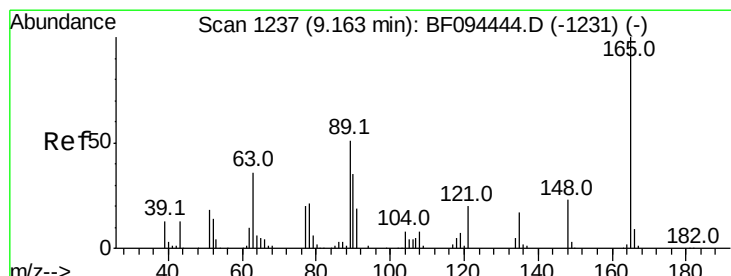
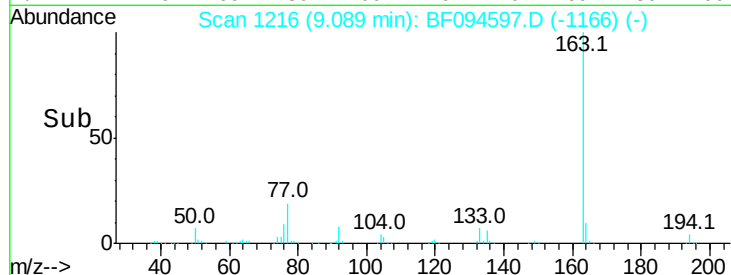
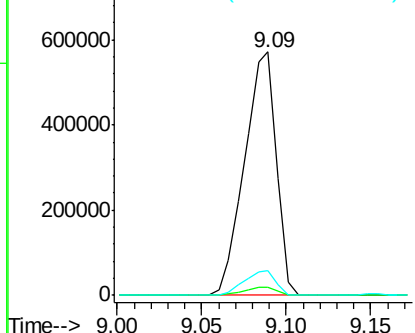
#49
Dimethylphthalate
Concen: 40.49 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Instrument :
BNA_F
ClientSampleId :

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

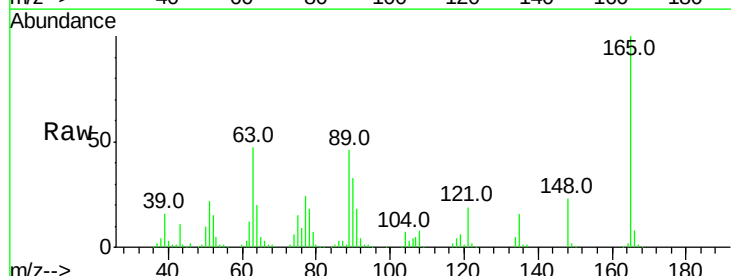


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

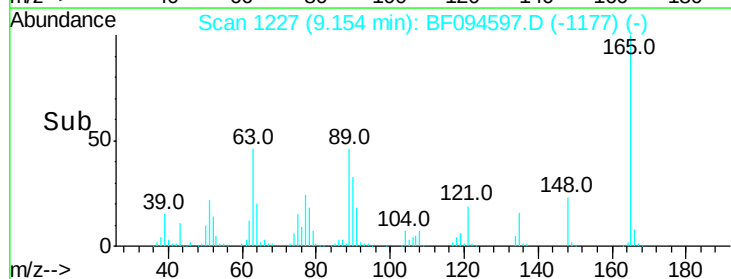
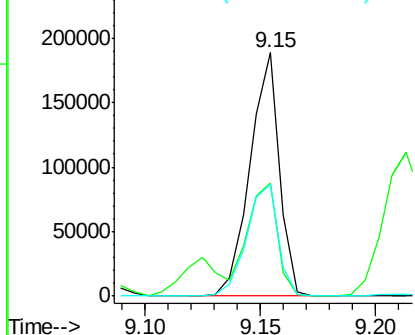


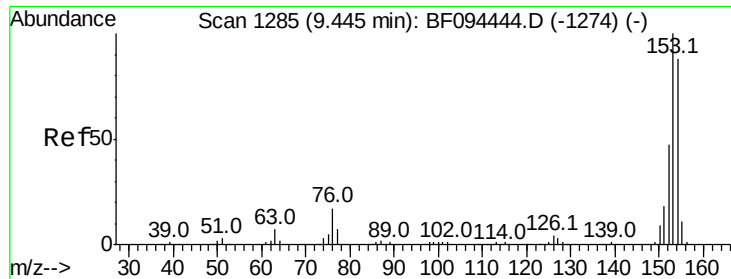
#50
2,6-Dinitrotoluene
Concen: 40.38 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.7	34.3	51.5
89	46.2	37.1	55.7



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





#51

Acenaphthene

Concen: 38.32 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

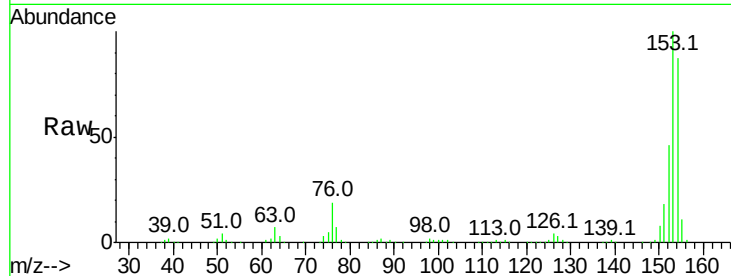
Tot Ion:154 Resp: 577278

Ion Ratio Lower Upper

154 100

153 114.6 90.5 135.7

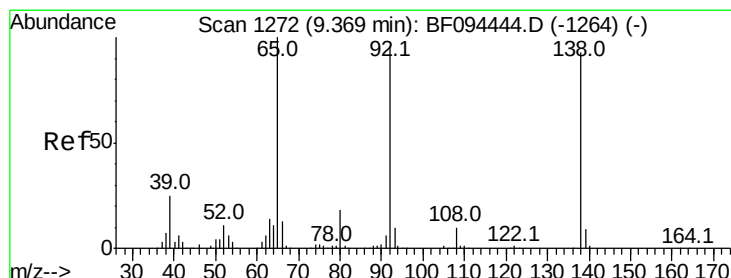
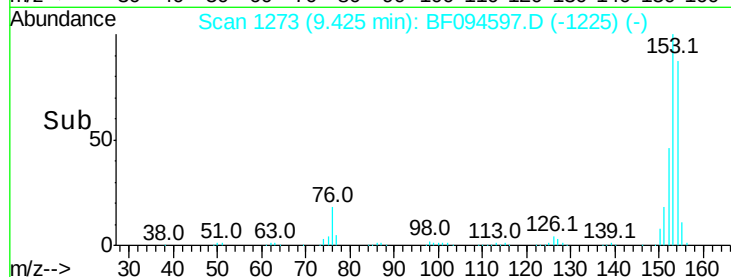
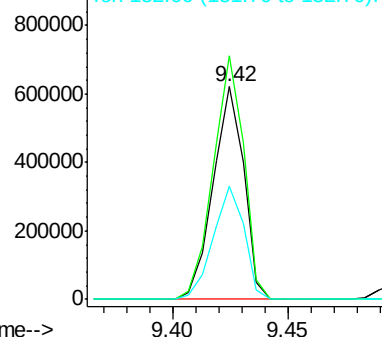
152 53.1 43.6 65.4



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: 37.66 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

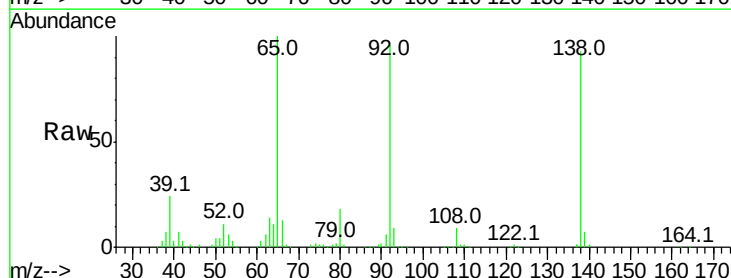
Tgt Ion:138 Resp: 181029

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

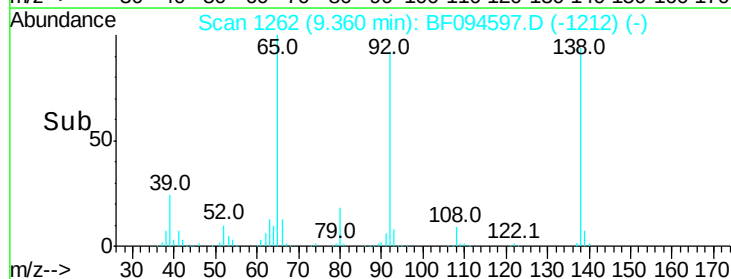
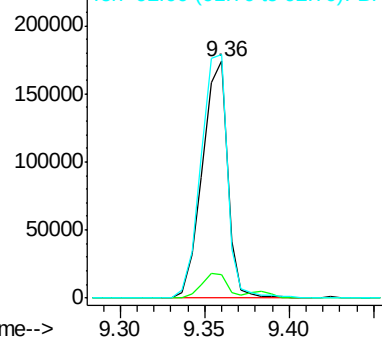
92 102.8 93.8 140.6

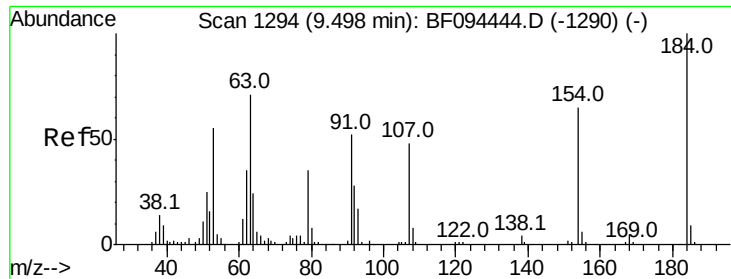


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

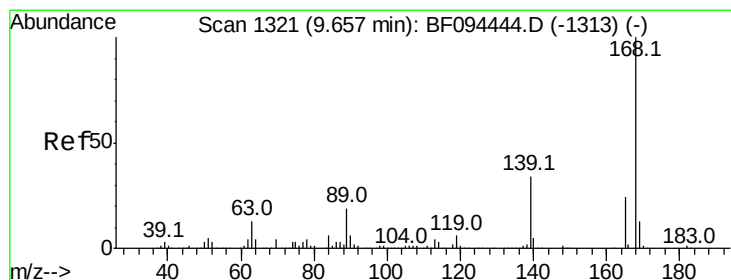
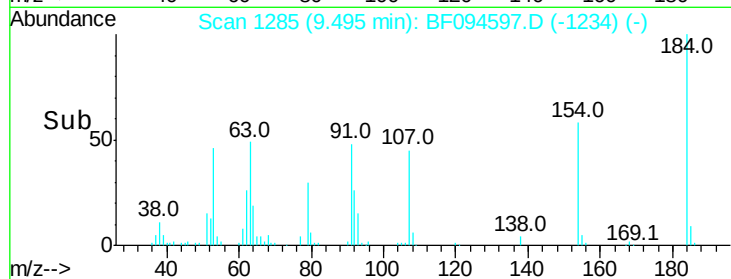
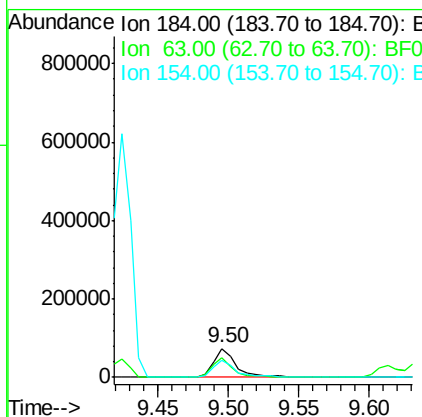
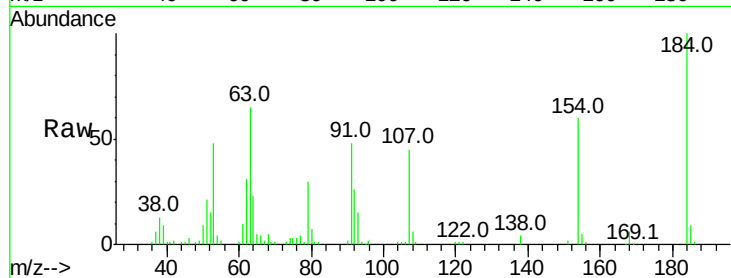




#53
 2,4-Dinitrophenol
 Concen: 40.60 ng
 RT: 9.50 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

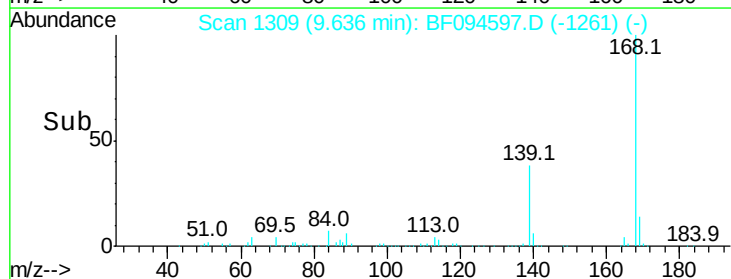
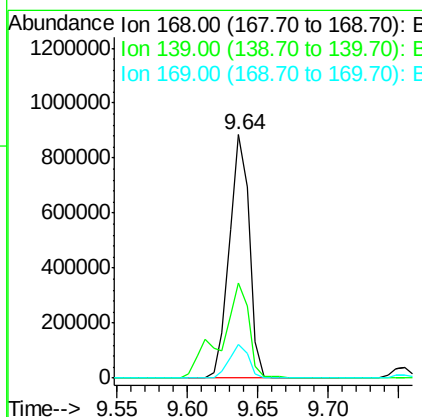
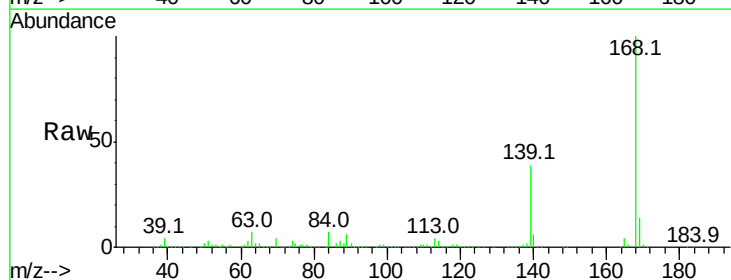
Instrument :
 BNA_F
 ClientSampleId :

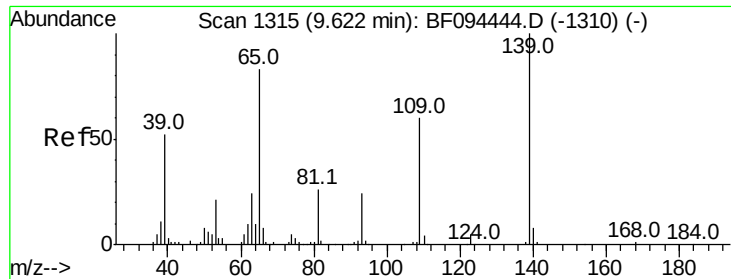
Tot Ion:184 Resp: 84633
 Ion Ratio Lower Upper
 184 100
 63 65.4 62.7 94.1
 154 59.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.44 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion:168 Resp: 863623
 Ion Ratio Lower Upper
 168 100
 139 39.1 30.6 45.8
 169 13.7 10.8 16.2

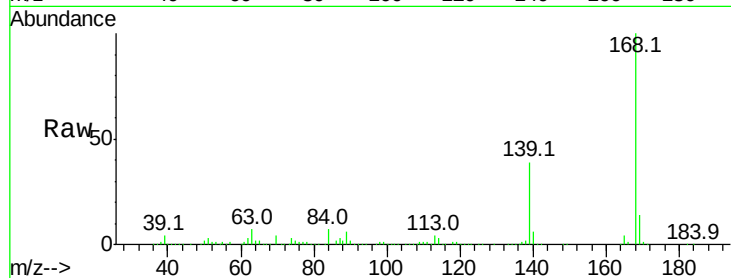




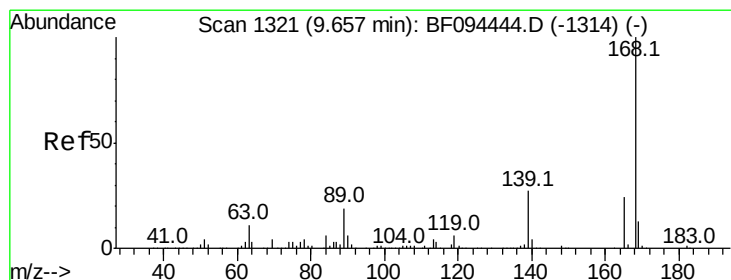
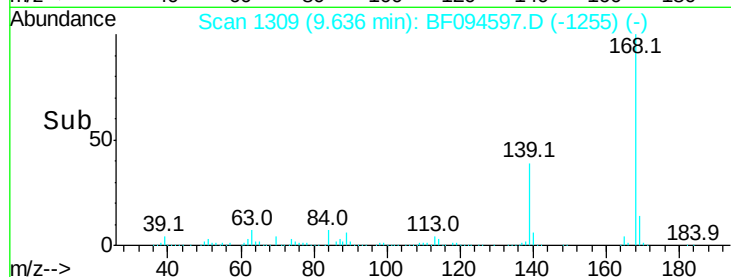
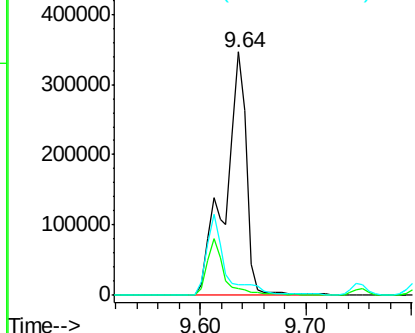
#55
4-Nitrophenol
Concen: 142.27 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	2.8	34.1	74.1#
65	4.6	31.4	71.4#



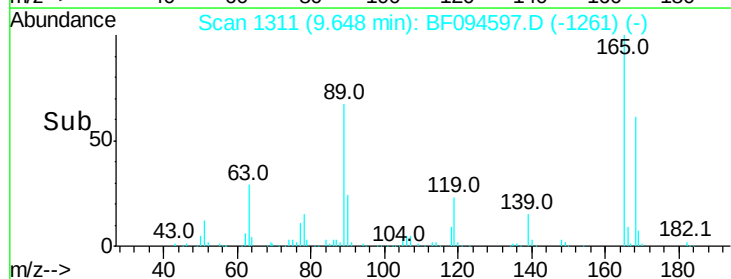
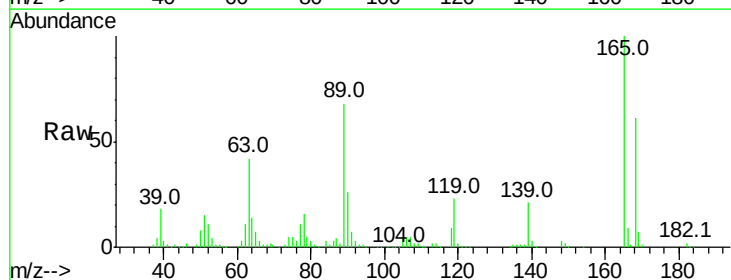
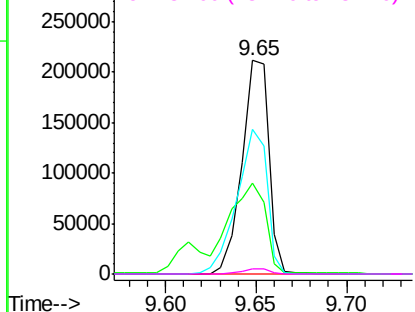
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

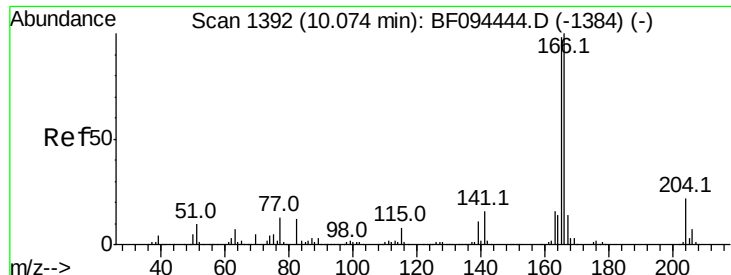


#56
2,4-Dinitrotoluene
Concen: 42.92 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.4	25.4	38.0#
89	67.9	46.4	69.6
182	2.3	1.8	2.6

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

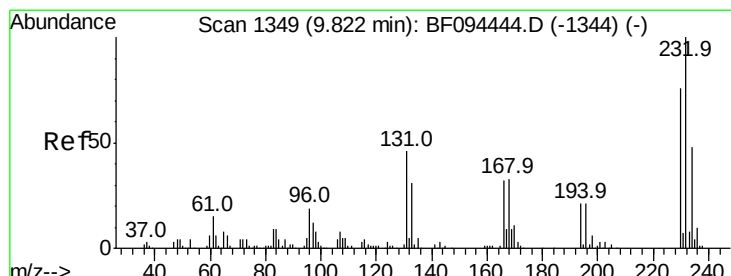
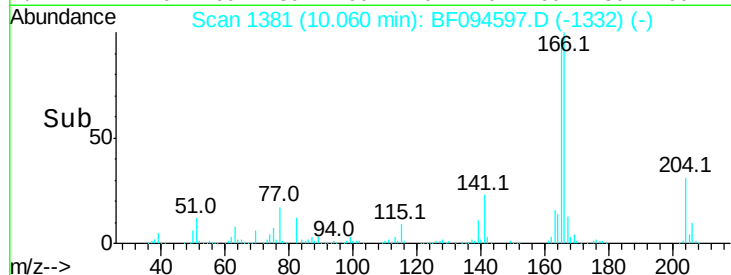
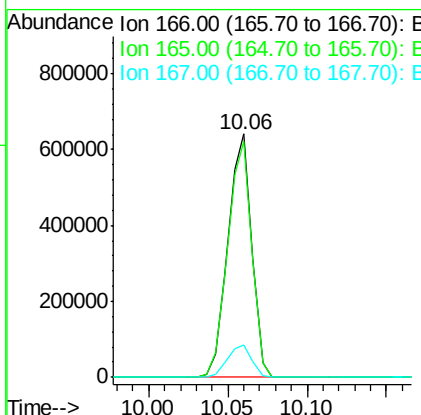
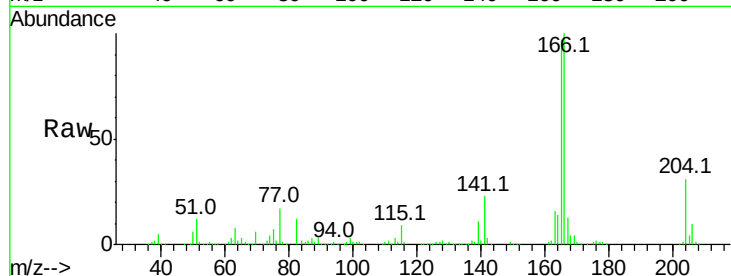




#57
 Fluorene
 Concen: 38.87 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

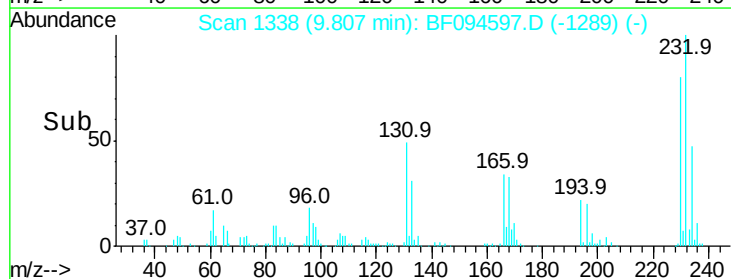
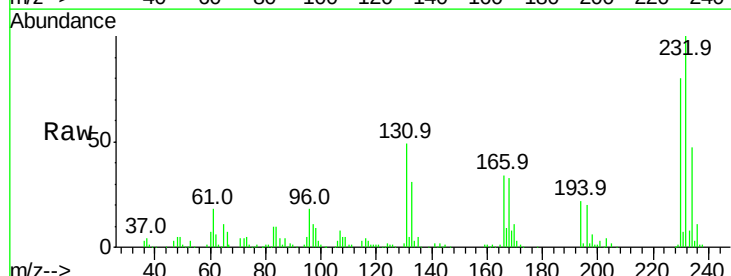
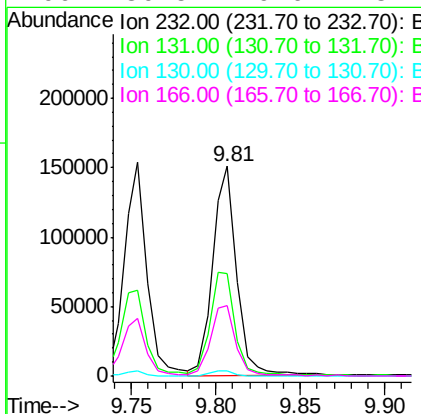
Instrument :
 BNA_F
 ClientSampled :

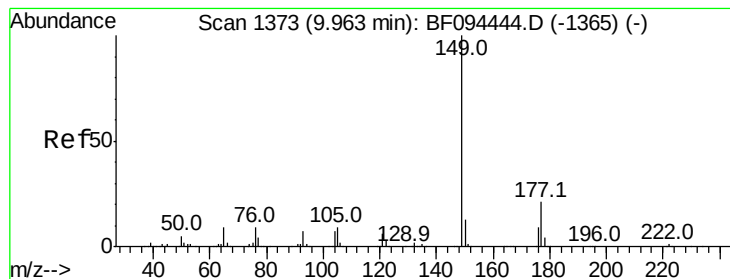
Tot Ion:166 Resp: 662881
 Ion Ratio Lower Upper
 166 100
 165 97.0 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.76 ng
 RT: 9.81 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion:232 Resp: 149011
 Ion Ratio Lower Upper
 232 100
 131 51.5 44.8 67.2
 130 2.3 2.3 3.5#
 166 36.5 29.0 43.4





#59

Diethylphthalate

Concen: 40.99 ng

RT: 9.95 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

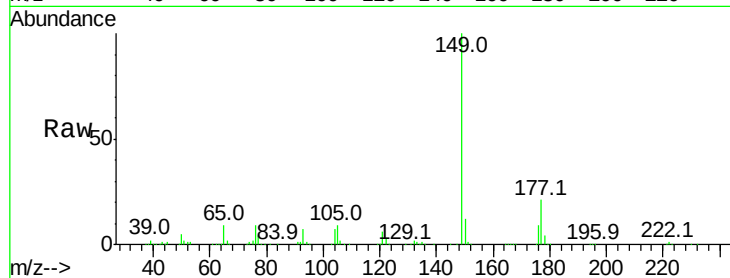
Tot Ion:149 Resp: 715932

Ion Ratio Lower Upper

149 100

177 21.1 16.7 25.1

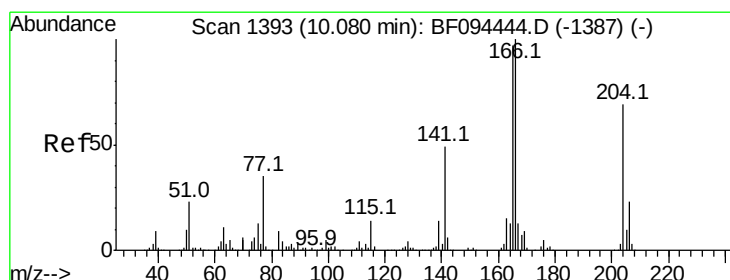
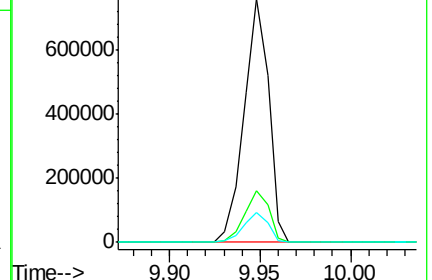
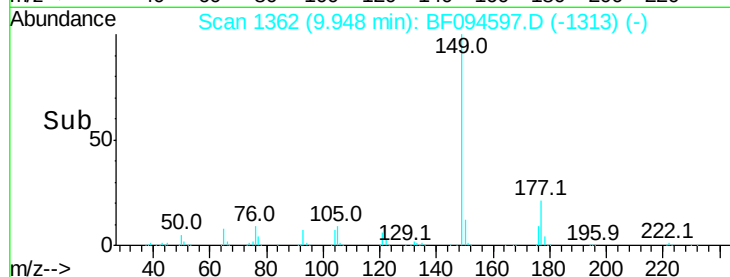
150 12.4 10.2 15.2



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: 40.64 ng

RT: 10.07 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

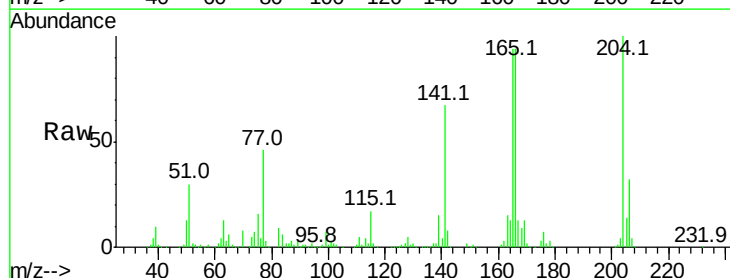
Tgt Ion:204 Resp: 288406

Ion Ratio Lower Upper

204 100

206 31.9 26.2 39.2

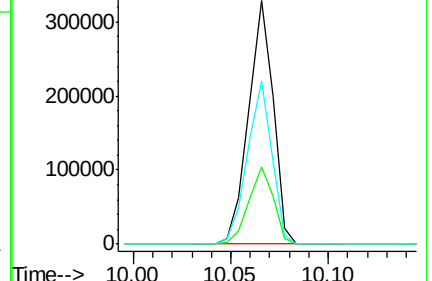
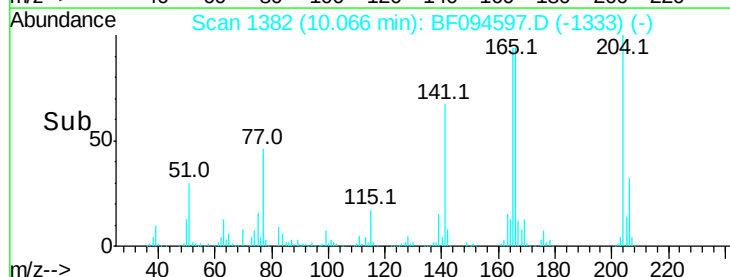
141 67.0 60.8 91.2

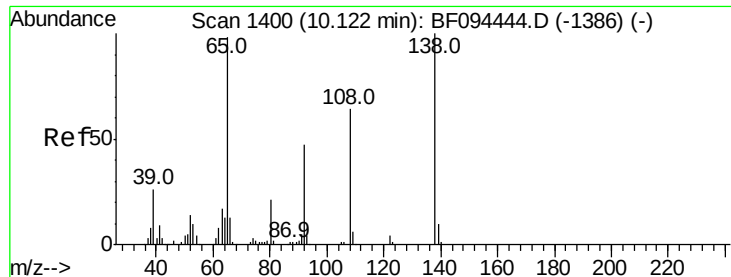


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.22 ng

RT: 10.11 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

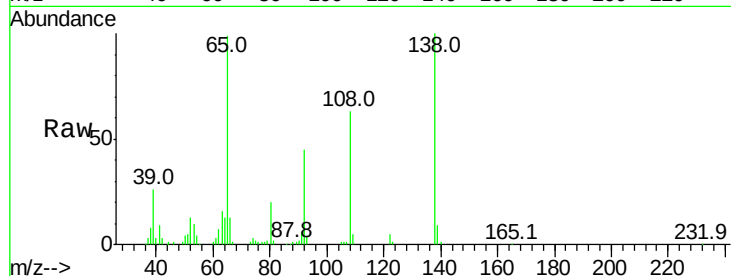
Tot Ion:138 Resp: 177020

Ion	Ratio	Lower	Upper
138	100		
92	44.6	21.8	61.8
108	63.1	42.3	82.3

138 100

92 44.6 21.8 61.8

108 63.1 42.3 82.3

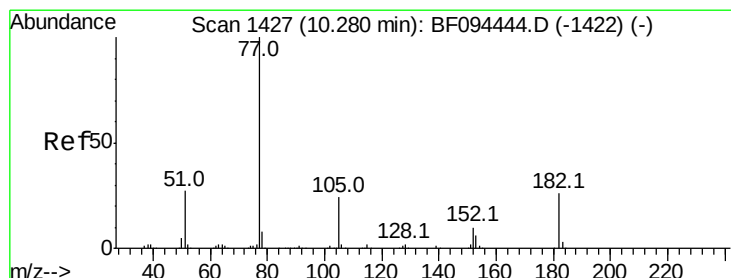
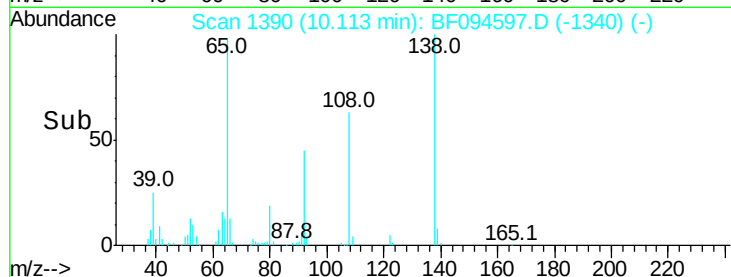
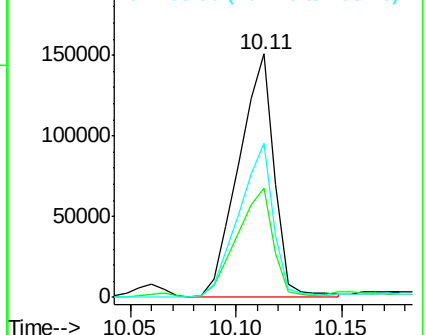


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.91 ng

RT: 10.26 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Tgt Ion: 77 Resp: 693771

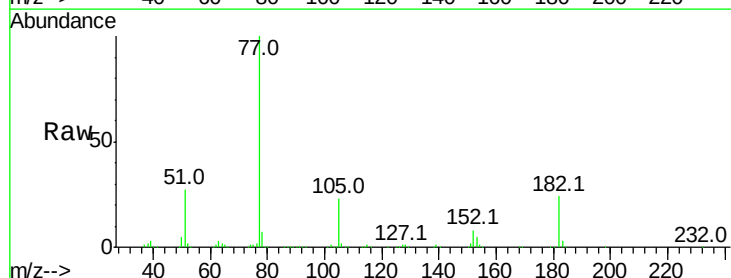
Ion	Ratio	Lower	Upper
77	100		
182	23.6	0.1	40.1
105	23.1	3.6	43.6
51	27.0	9.4	49.4

77 100

182 23.6 0.1 40.1

105 23.1 3.6 43.6

51 27.0 9.4 49.4



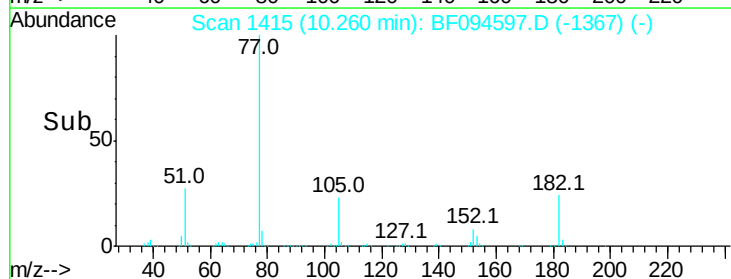
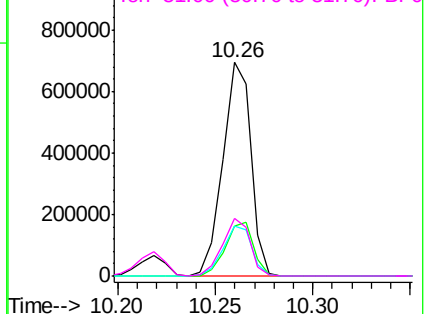
Abundance

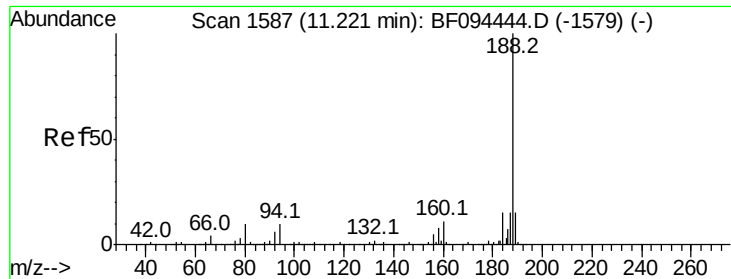
Ion 77.00 (76.70 to 77.70): BF0

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

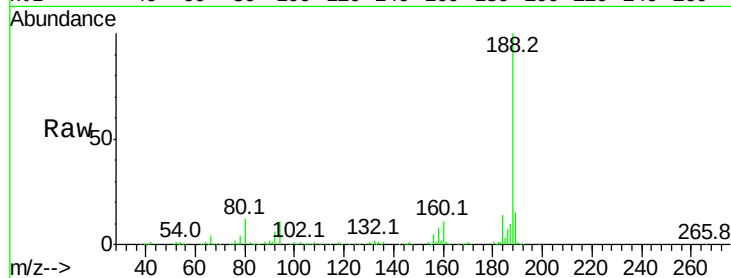




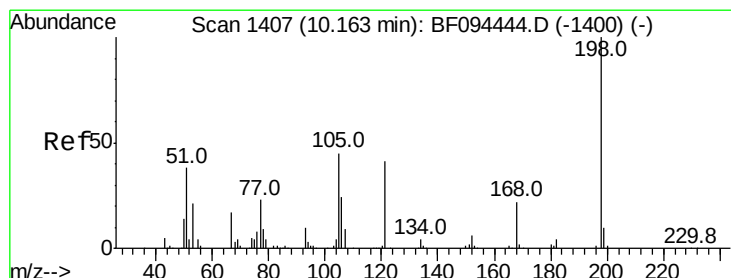
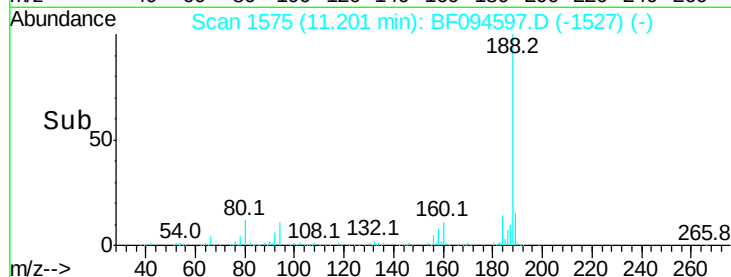
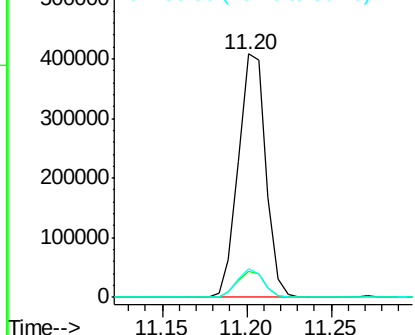
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 462670
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.6 10.2 15.2

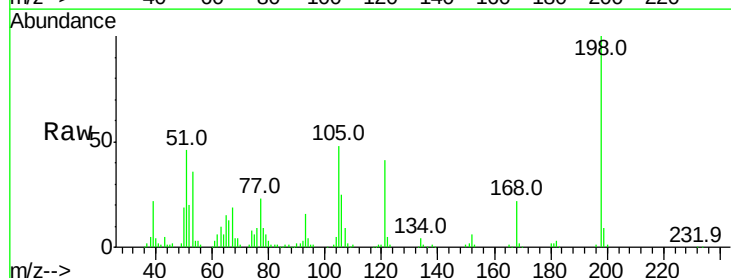


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

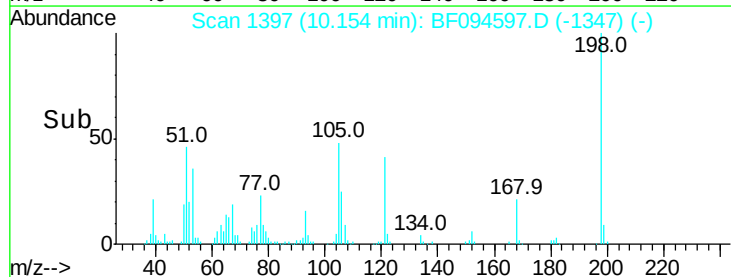
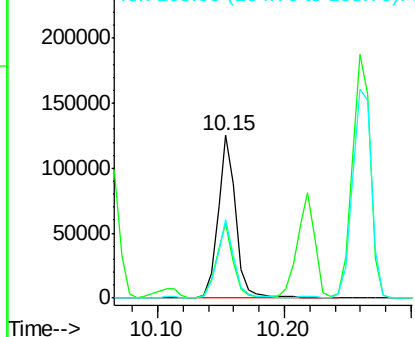


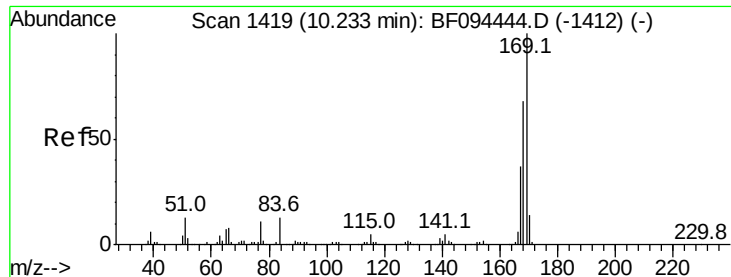
#64
4,6-Dinitro-2-methylphenol
Concen: 40.51 ng
RT: 10.15 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion:198 Resp: 122790
Ion Ratio Lower Upper
198 100
51 45.9 53.2 93.2#
105 48.5 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

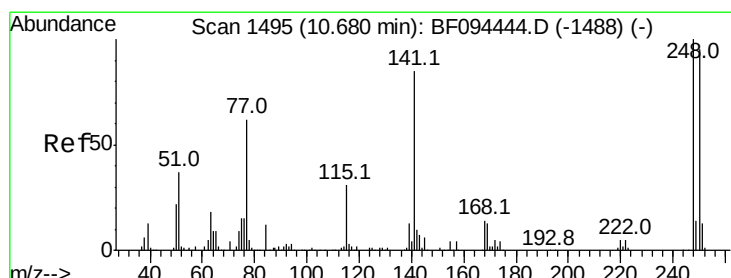
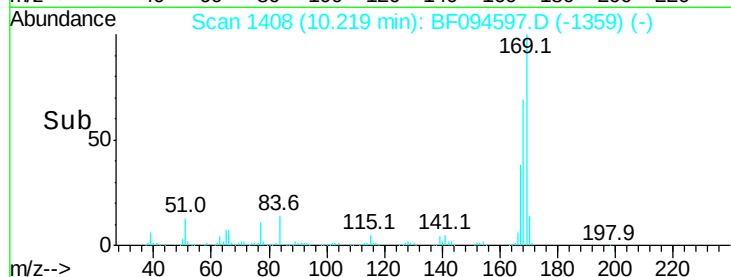
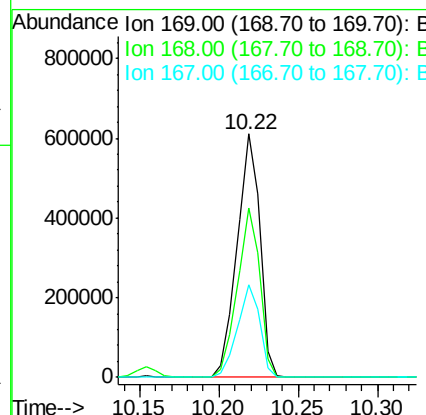
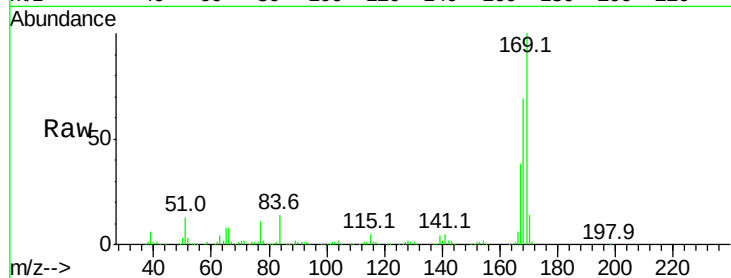




#65
n-Nitrosodiphenylamine
Concen: 37.92 ng
RT: 10.22 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

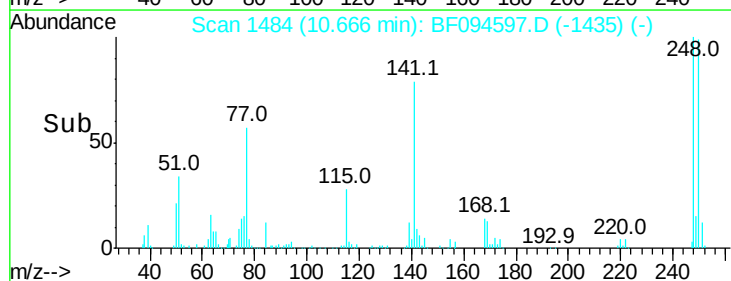
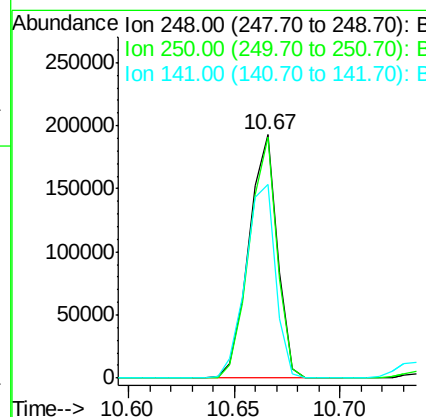
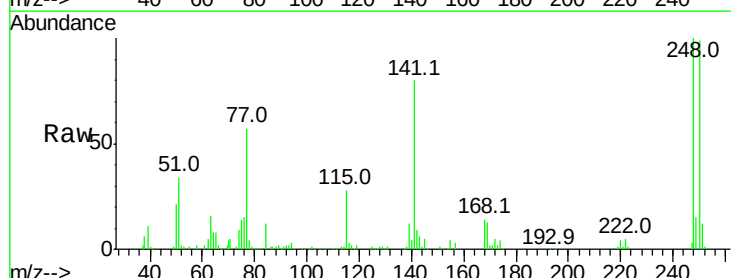
Instrument :
BNA_F
ClientSampleId :

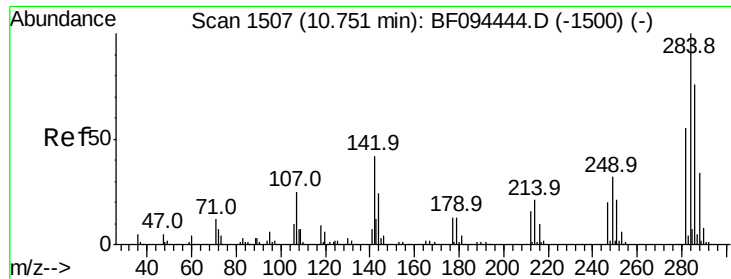
Tot Ion:169 Resp: 610208
Ion Ratio Lower Upper
169 100
168 69.4 53.2 79.8
167 37.9 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 39.38 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion:248 Resp: 180916
Ion Ratio Lower Upper
248 100
250 98.9 76.8 115.2
141 79.5 68.6 103.0





#67

Hexachlorobenzene

Concen: 39.14 ng

RT: 10.74 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampled :

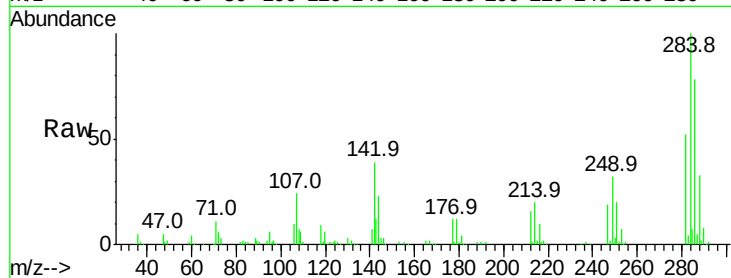
Tot Ion:284 Resp: 181208

Ion Ratio Lower Upper

284 100

142 39.5 22.8 34.2#

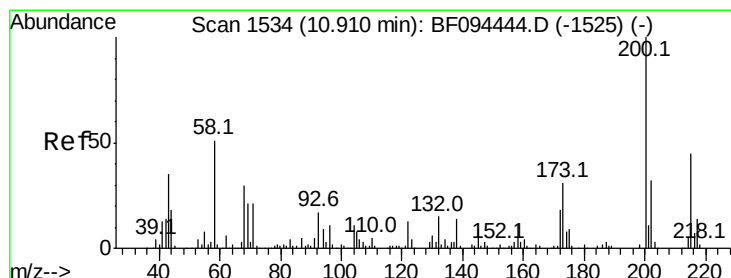
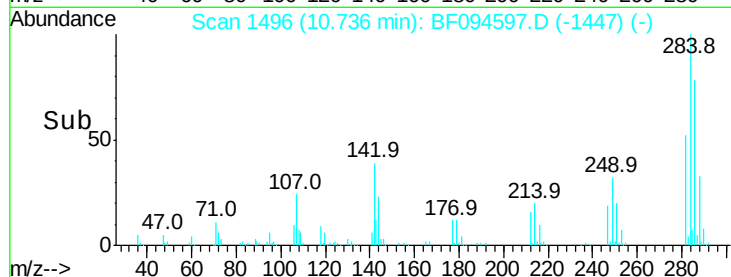
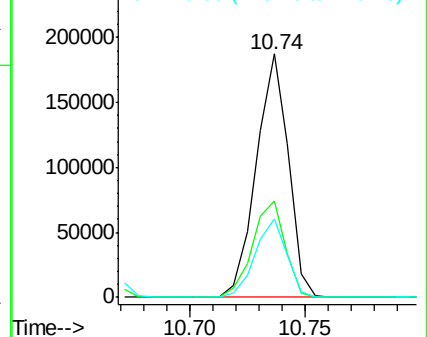
249 32.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.98 ng

RT: 10.90 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

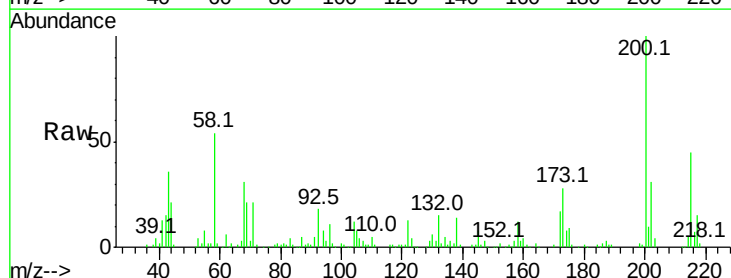
Tgt Ion:200 Resp: 192437

Ion Ratio Lower Upper

200 100

173 27.6 6.3 46.3

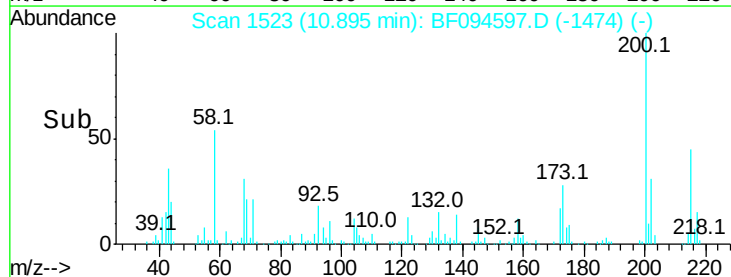
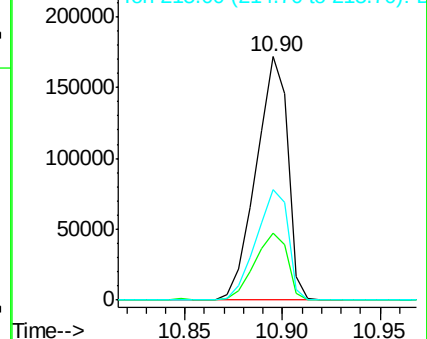
215 45.2 27.2 67.2

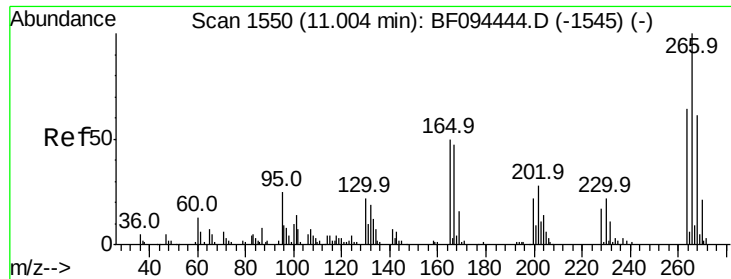


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

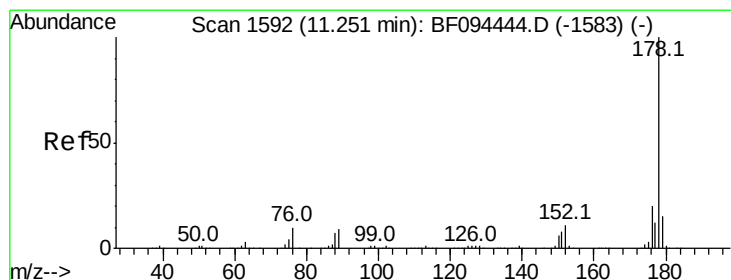
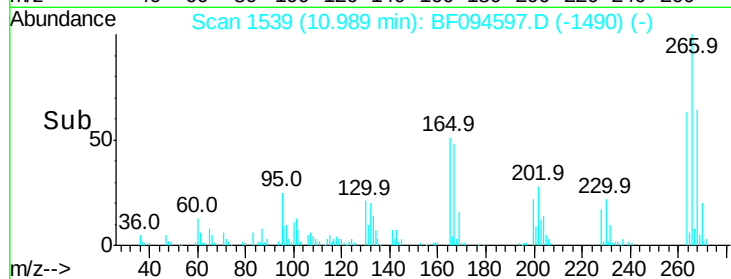
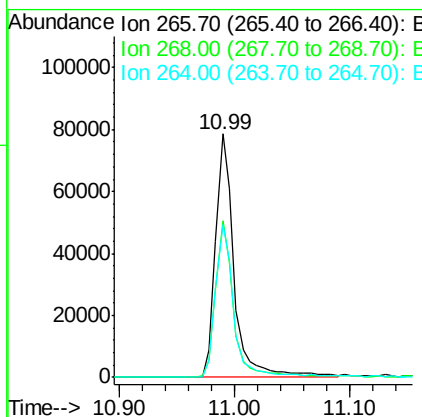
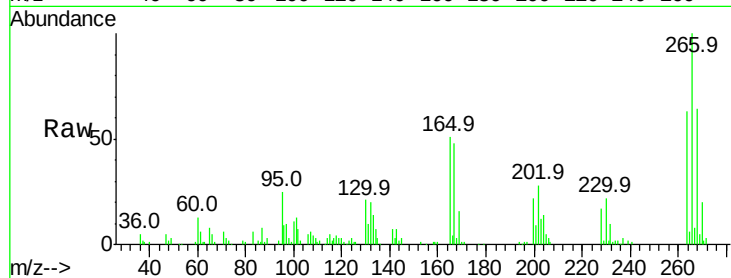




#69
 Pentachlorophenol
 Concen: 47.92 ng
 RT: 10.99 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

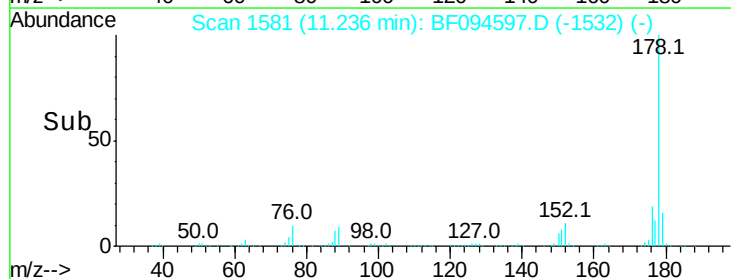
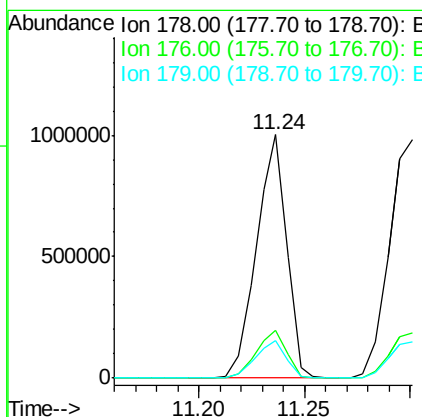
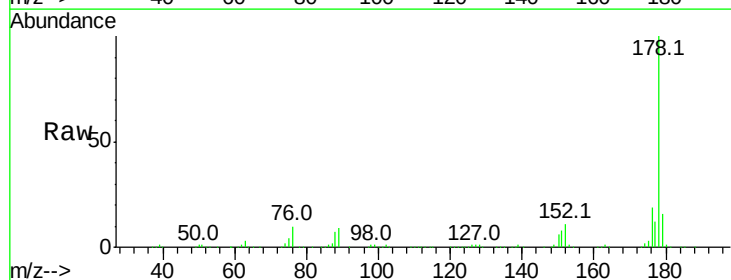
Instrument :
 BNA_F
 ClientSampled :

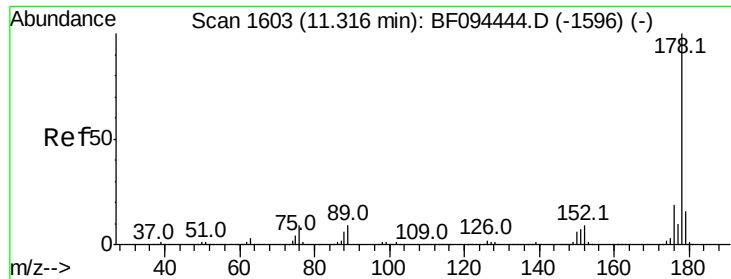
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	62.7	51.7	77.5



#70
 Phenanthrene
 Concen: 37.97 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.5	12.6	19.0

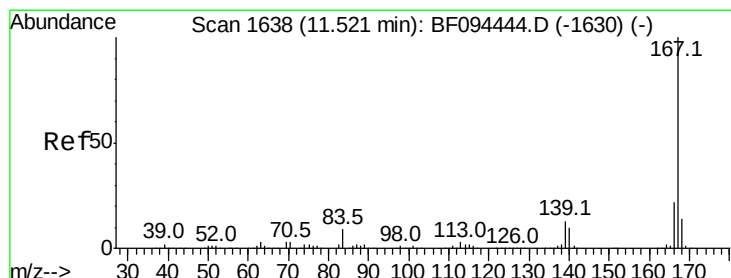
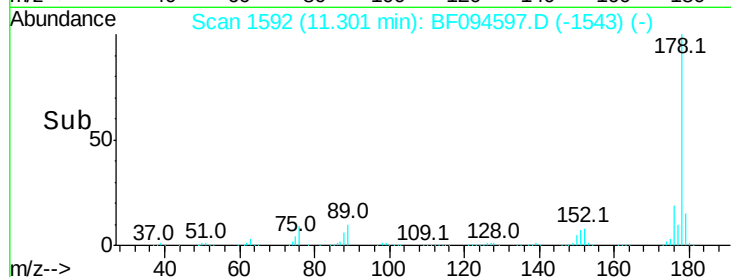
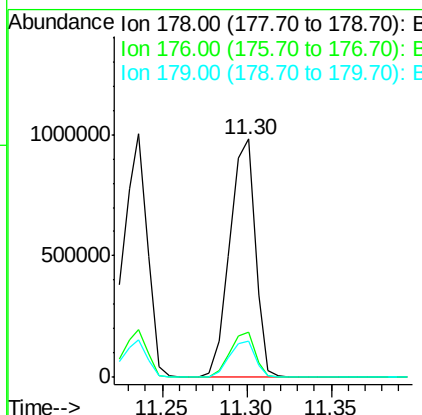
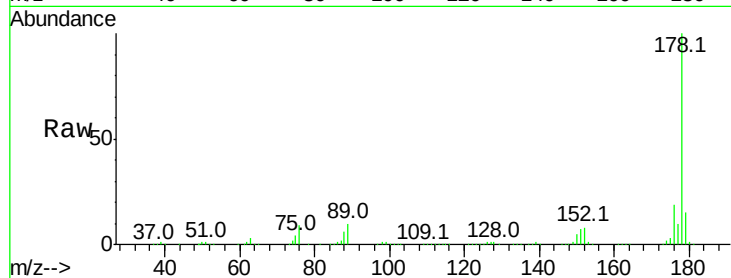




#71
 Anthracene
 Concen: 38.38 ng
 RT: 11.30 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

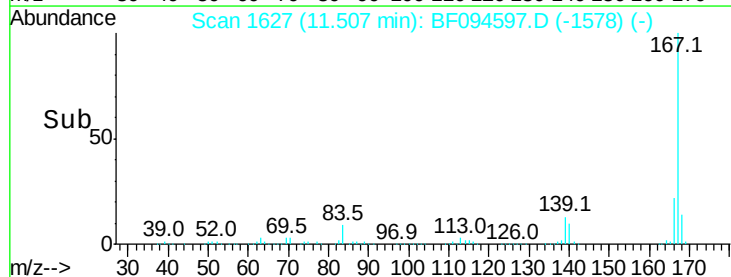
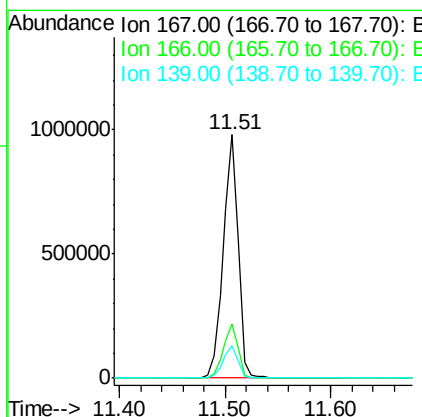
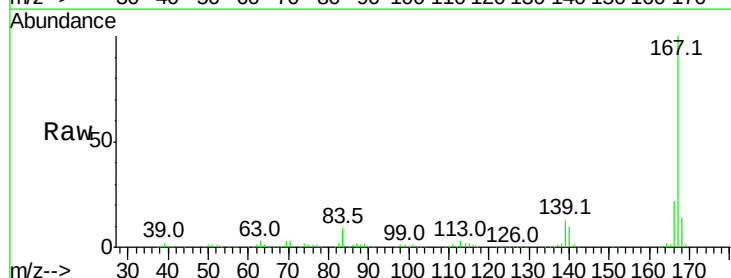
Instrument :
 BNA_F
 ClientSampleId :

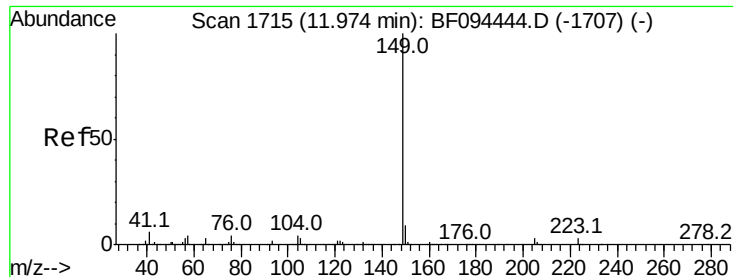
Tot Ion:178 Resp: 1034465
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 38.42 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion:167 Resp: 971844
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.82 ng

RT: 11.96 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

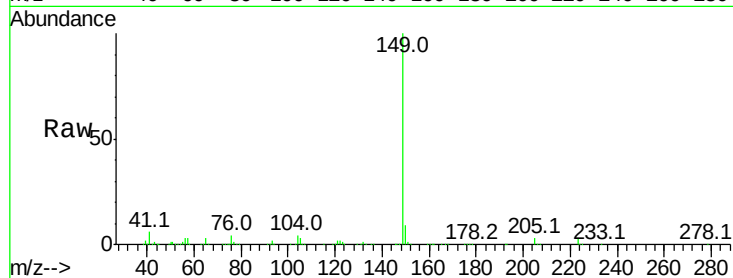
Instrument :

BNA_F

ClientSampled :

Tot Ion:149 Resp: 1164619

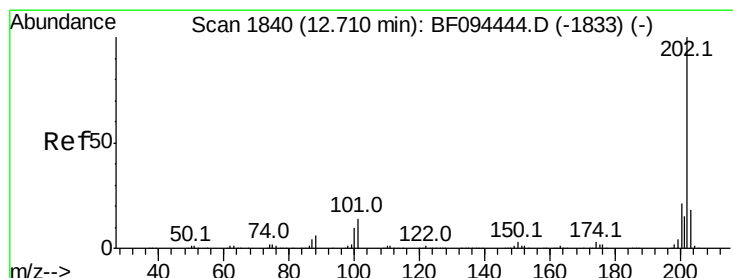
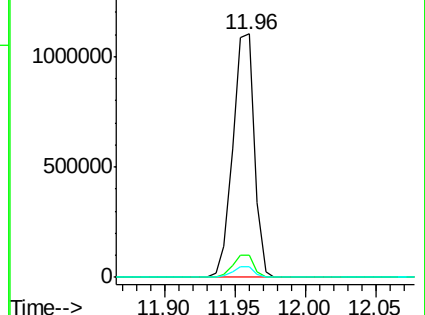
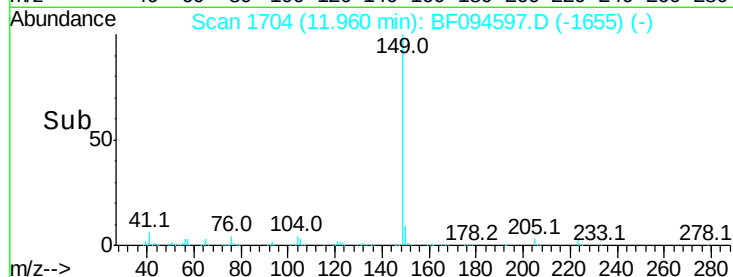
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.3	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.15 ng

RT: 12.70 min Scan# 1829

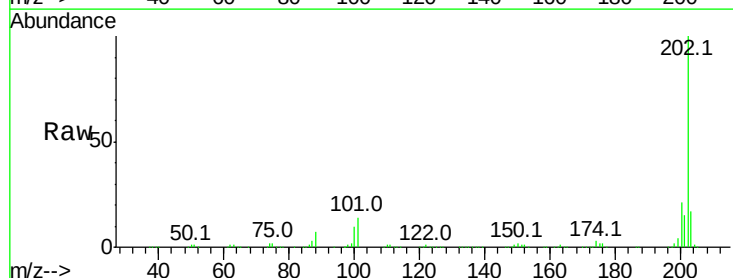
Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Tgt Ion:202 Resp: 1057254

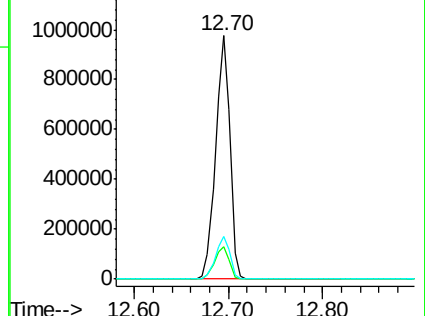
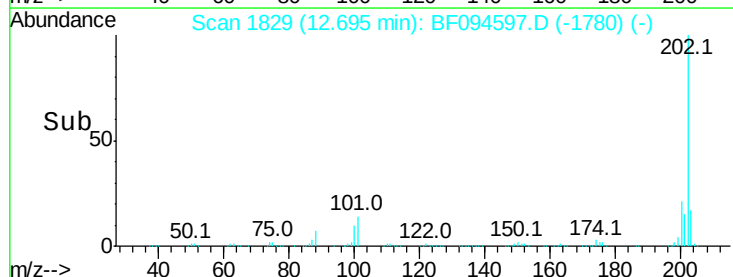
Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.4	0.0	38.1

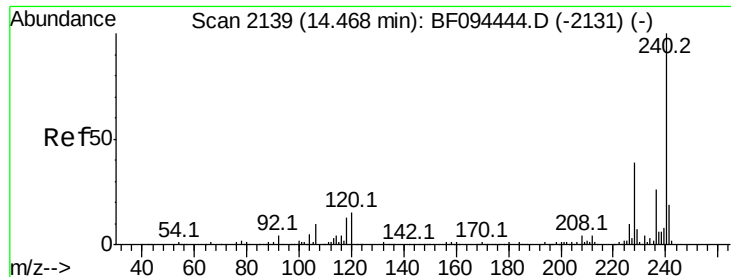


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampled :

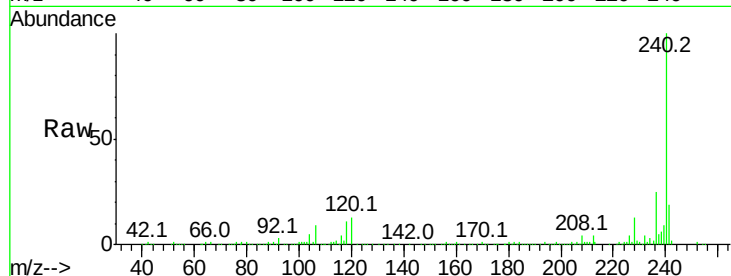
Tot Ion:240 Resp: 397684

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

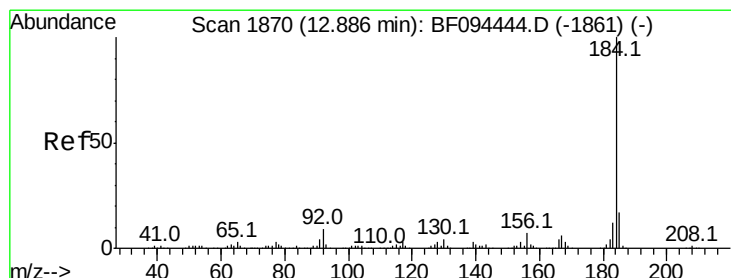
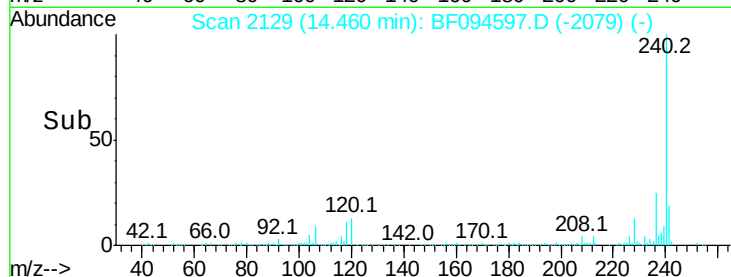
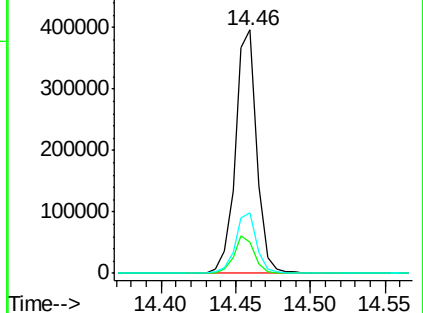
236 24.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.57 ng

RT: 12.87 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

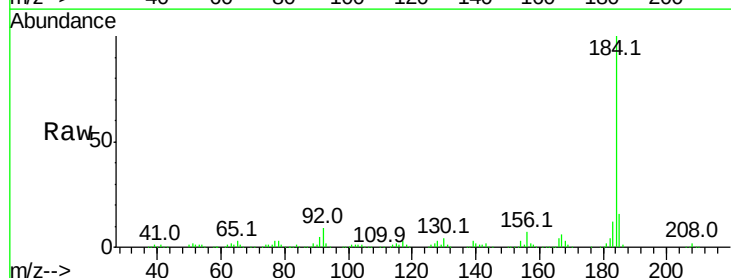
Tgt Ion:184 Resp: 540523

Ion Ratio Lower Upper

184 100

185 16.1 15.5 23.3

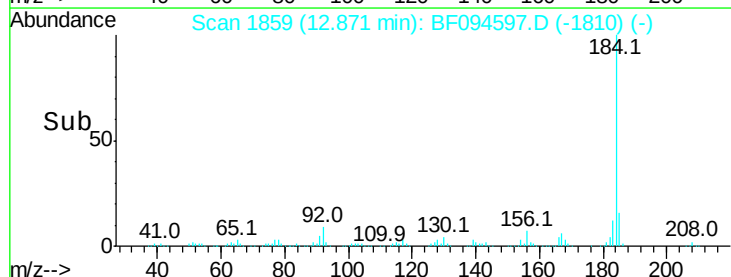
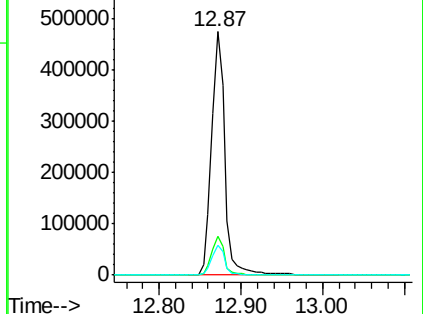
183 12.2 9.8 14.6

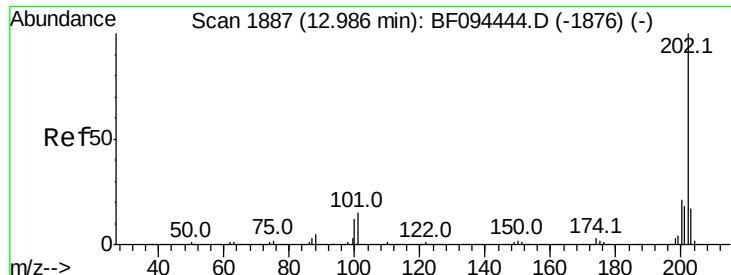


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

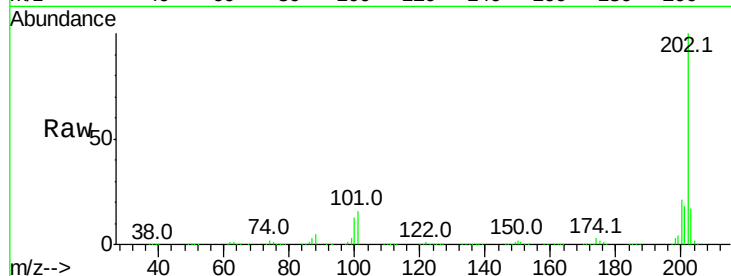




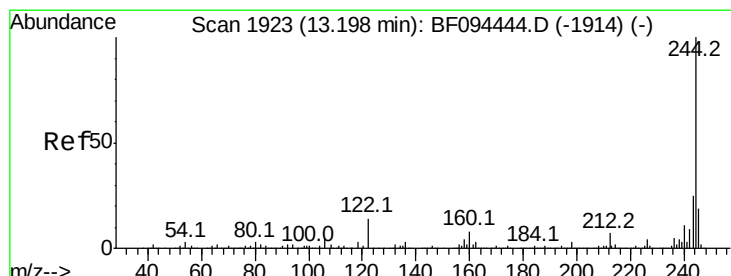
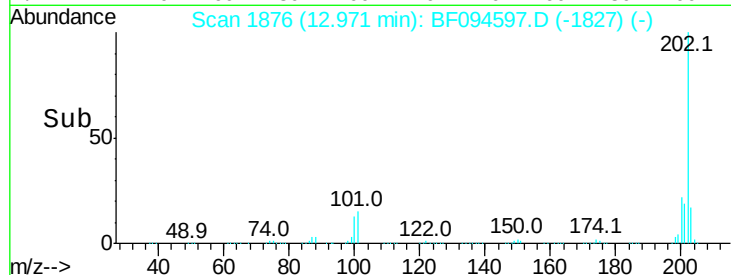
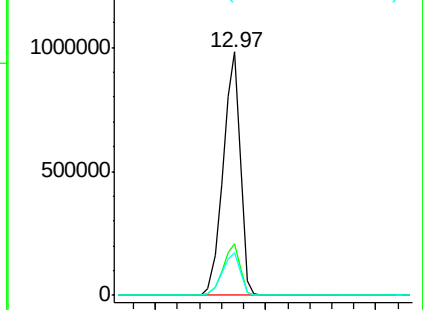
#77
Pvrene
Concen: 38.40 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1067050
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.4 14.4 21.6

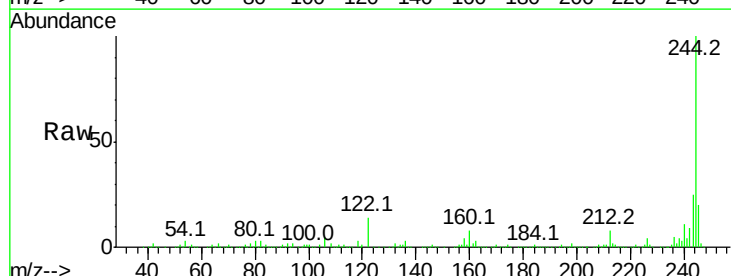


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

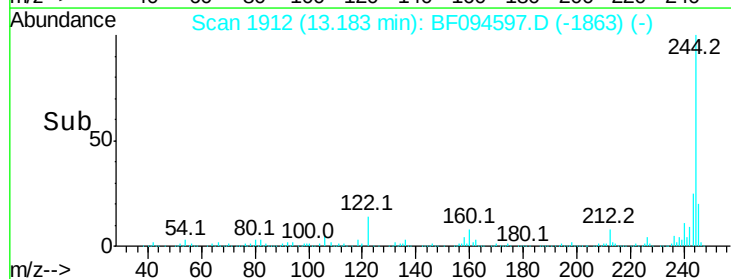
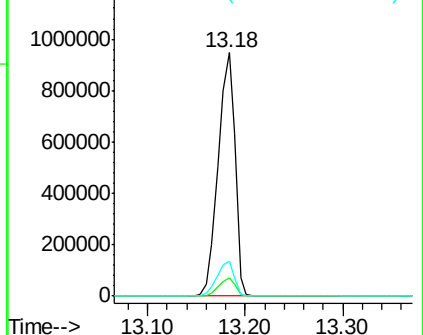


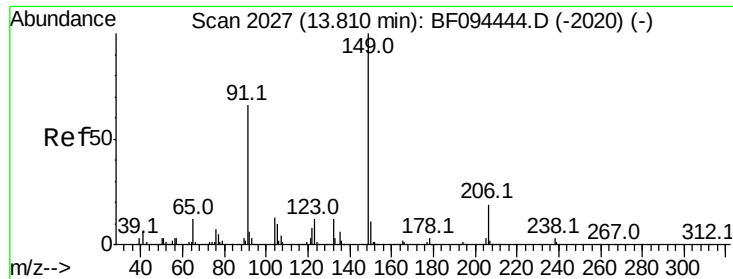
#78
Terphenyl-d14
Concen: 76.92 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion:244 Resp: 1144382
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 14.4 10.3 15.5



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

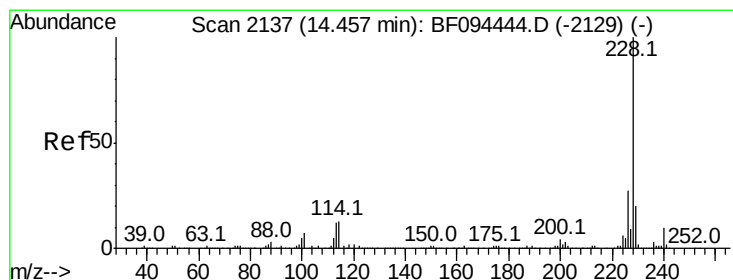
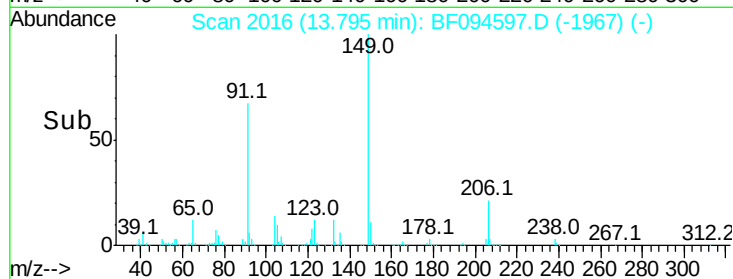
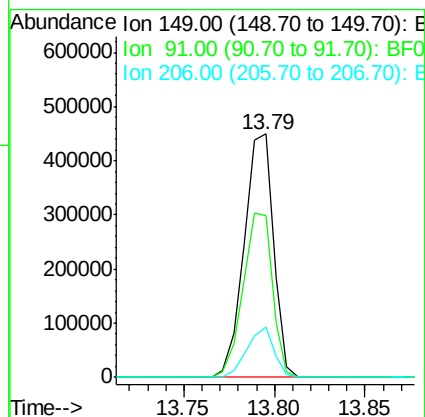
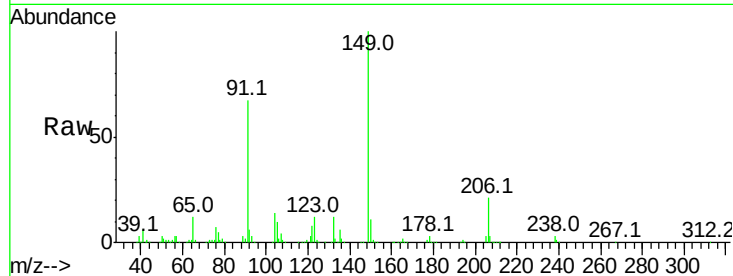




#79
Butylbenzylphthalate
Concen: 41.56 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

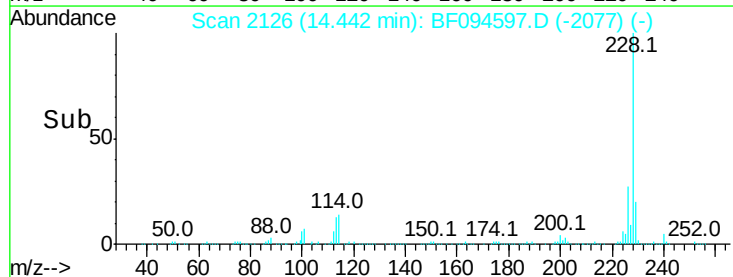
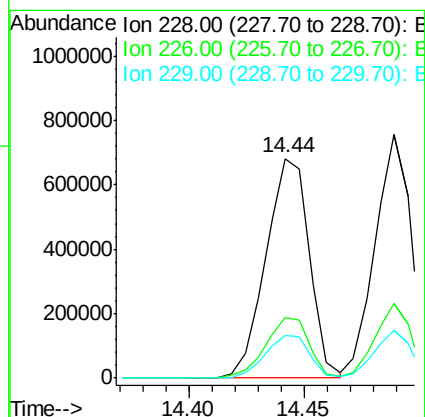
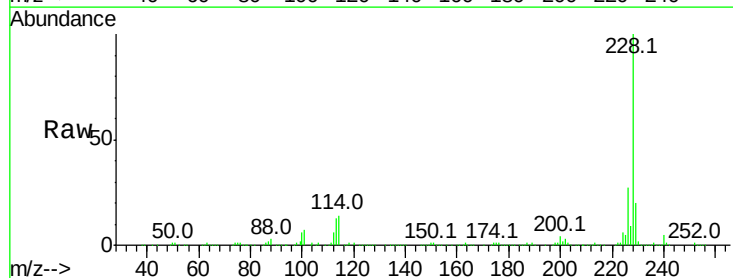
Instrument :
BNA_F
ClientSampleId :

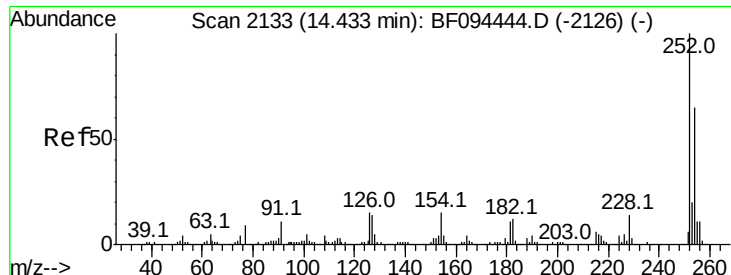
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.6	45.0	67.4
206	20.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 38.51 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.7	16.3	24.5

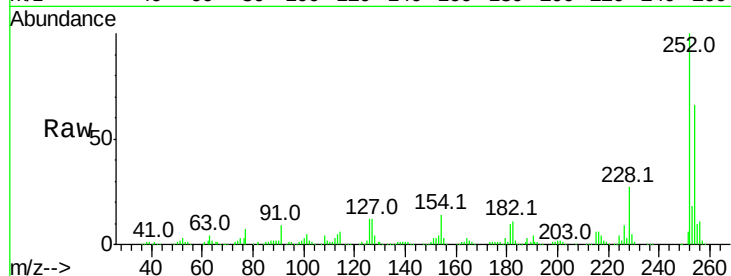




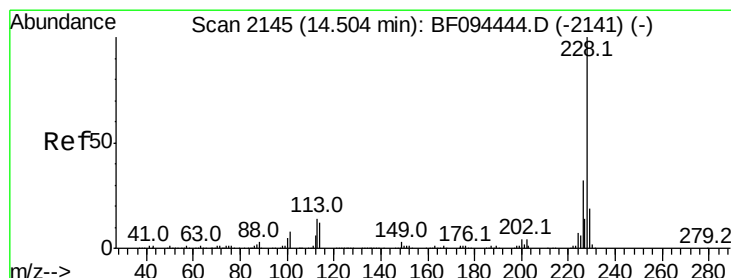
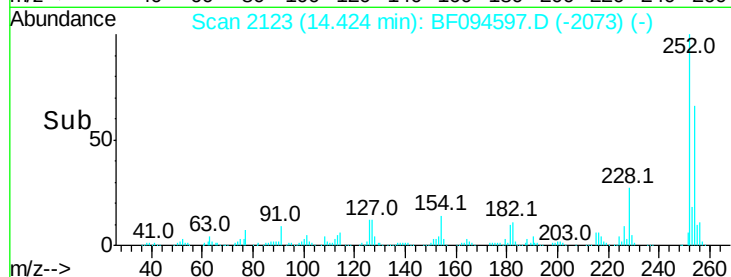
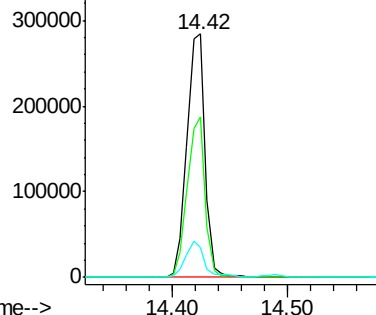
#81
 3,3'-Dichlorobenzidine
 Concen: 38.29 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 313333
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.5 77.3
 126 12.0 15.8 23.8#

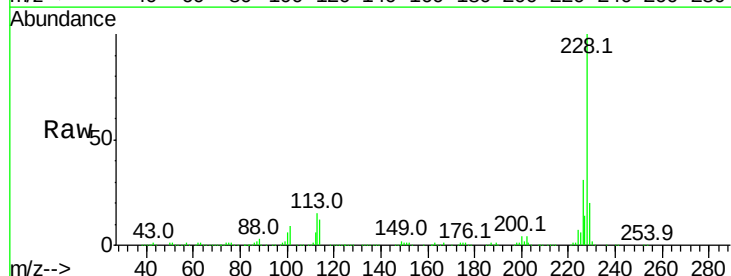


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

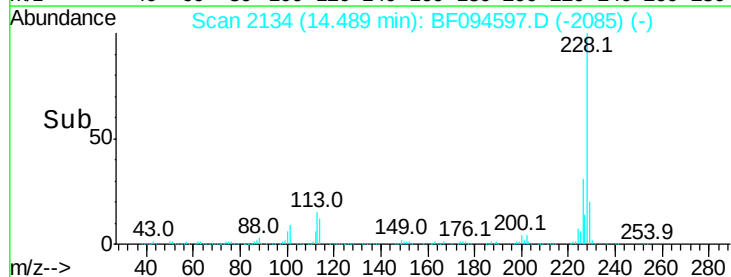
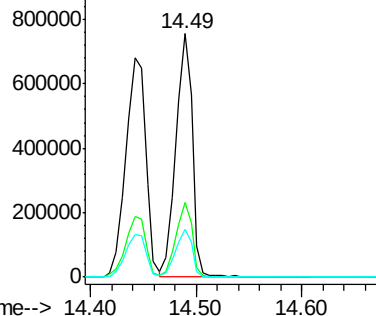


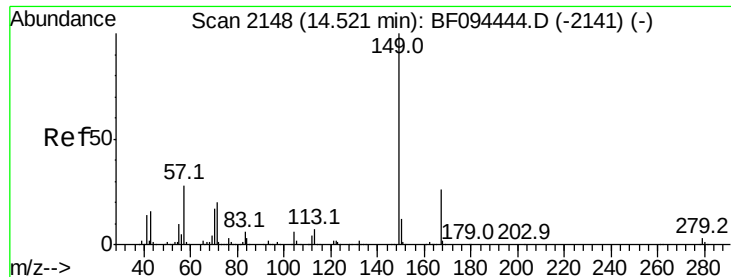
#82
 Chrysene
 Concen: 38.76 ng
 RT: 14.49 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion:228 Resp: 818774
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.8 15.8 23.6



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

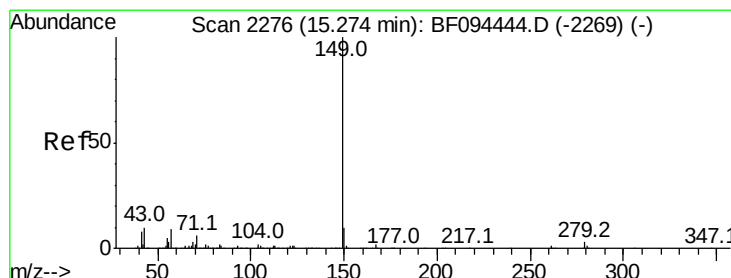
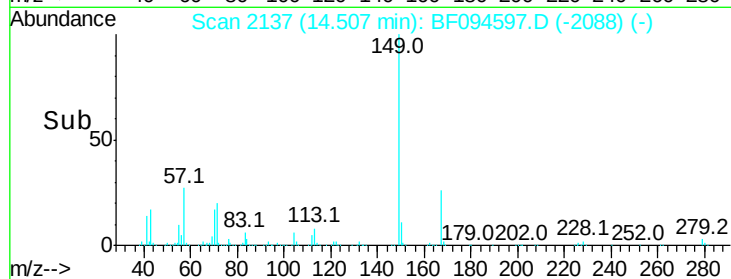
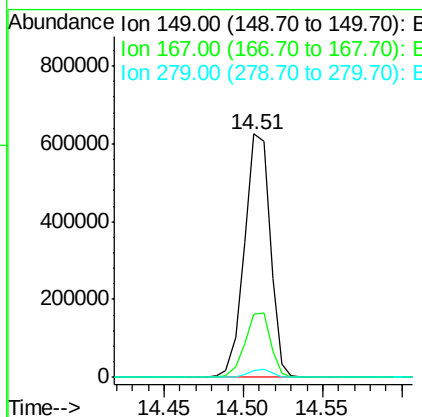
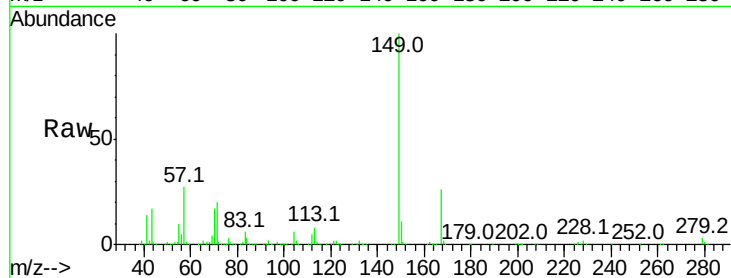




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.15 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

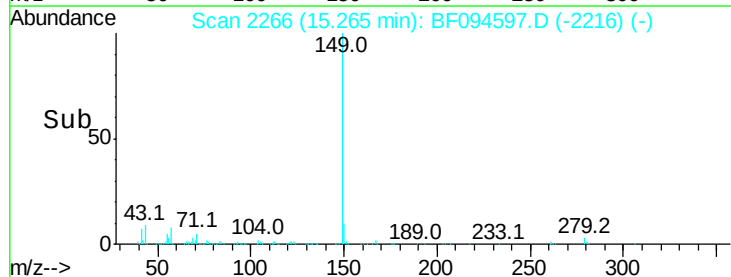
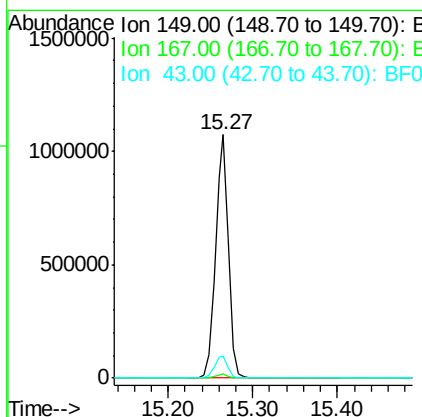
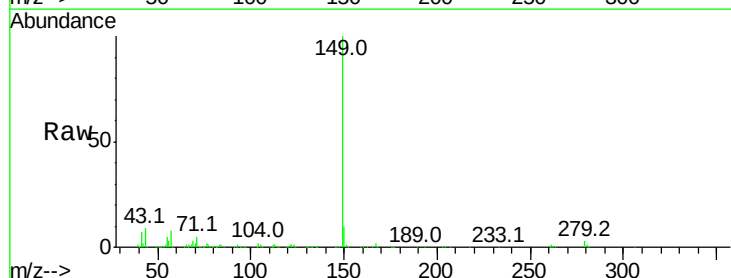
Instrument :
 BNA_F
 ClientSampleId :

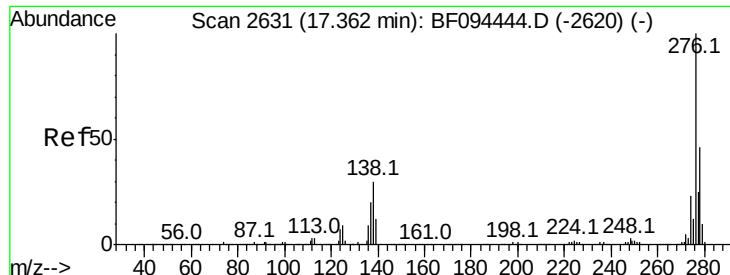
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	2.9	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 42.41 ng
 RT: 15.27 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.6	8.5	12.7

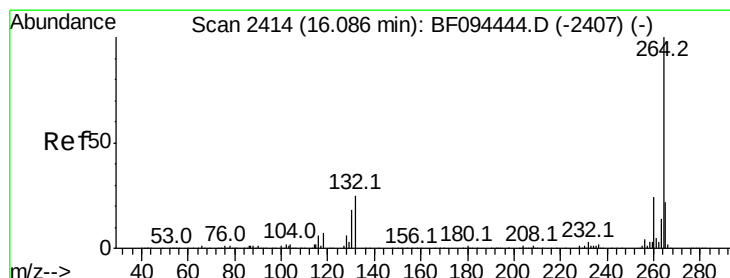
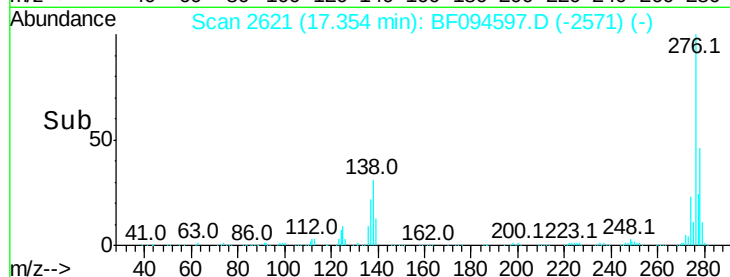
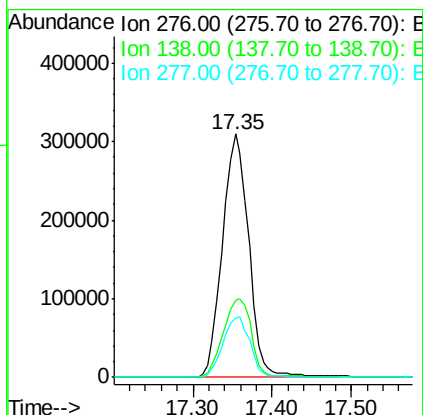
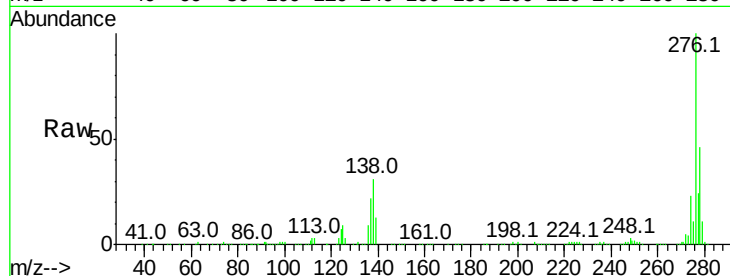




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.39 ng
 RT: 17.35 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

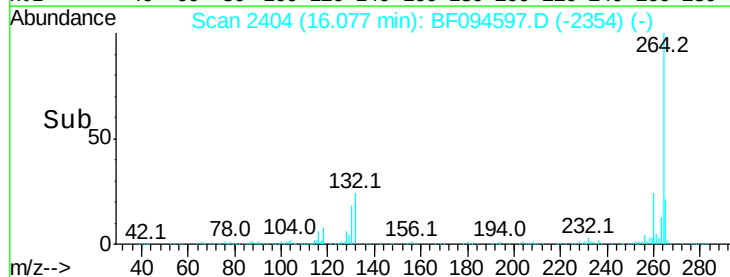
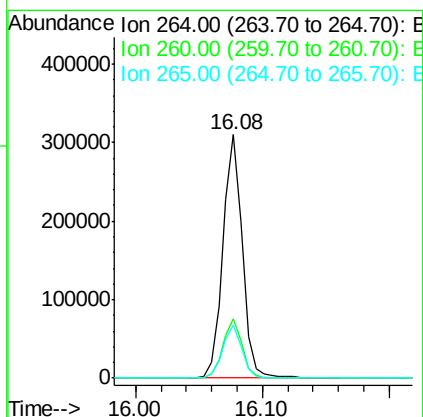
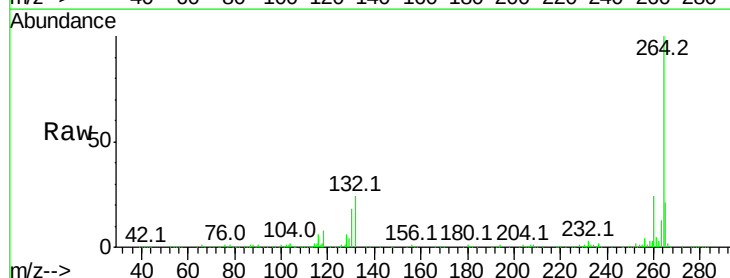
Instrument :
 BNA_F
 ClientSampleId :

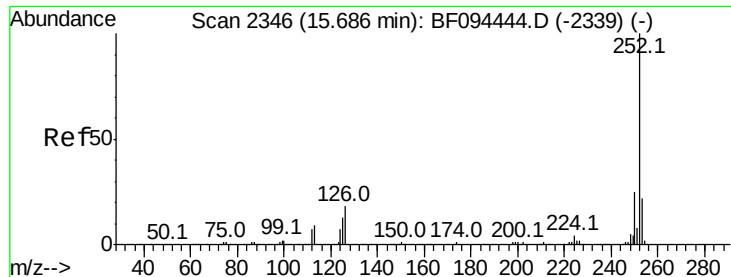
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.15 ng

RT: 15.68 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampled :

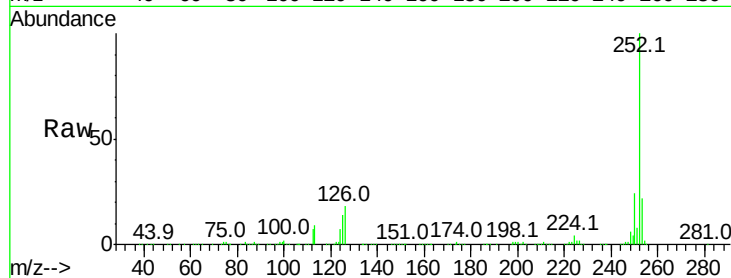
Tot Ion:252 Resp: 812080

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

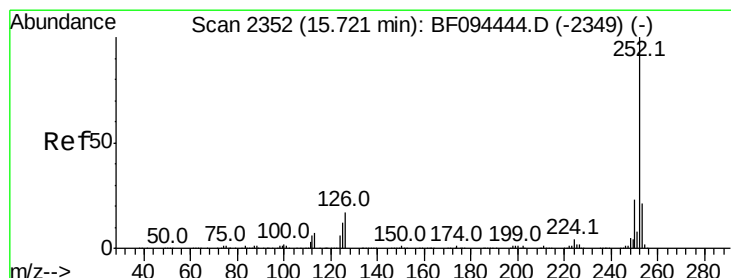
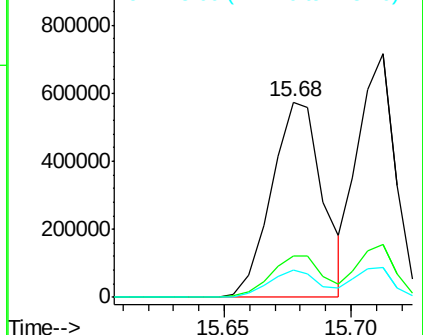
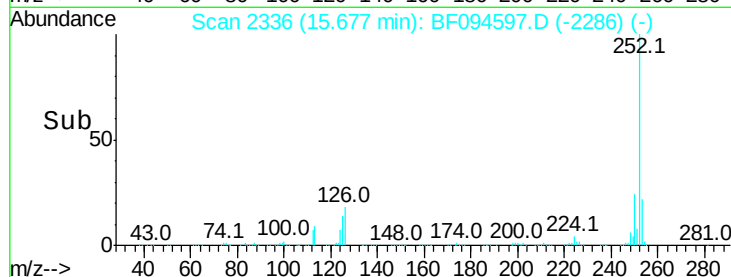
125 14.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.42 ng

RT: 15.68 min Scan# 2336

Delta R.T. -0.04 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

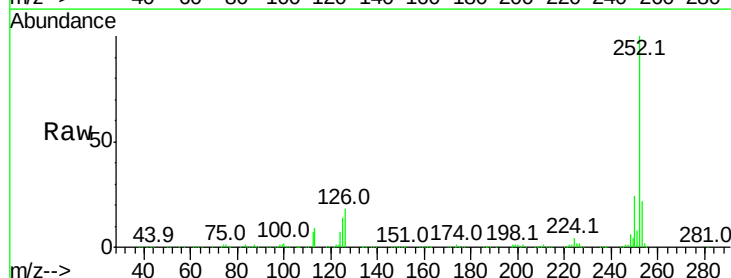
Tgt Ion:252 Resp: 812080

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

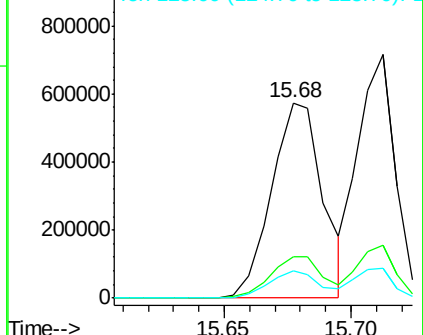
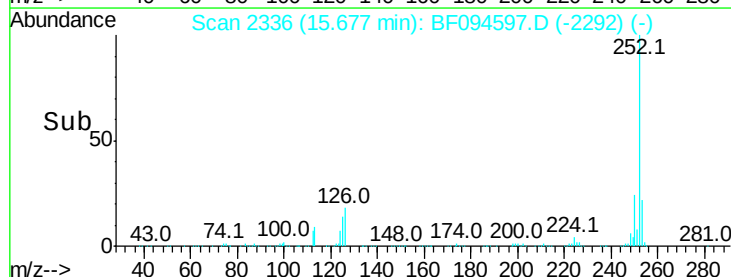
125 14.1 13.1 19.7

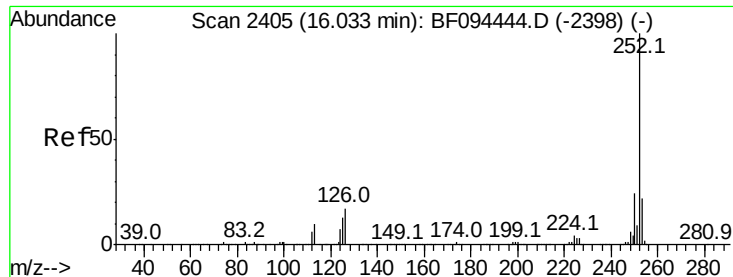


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.98 ng

RT: 16.02 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

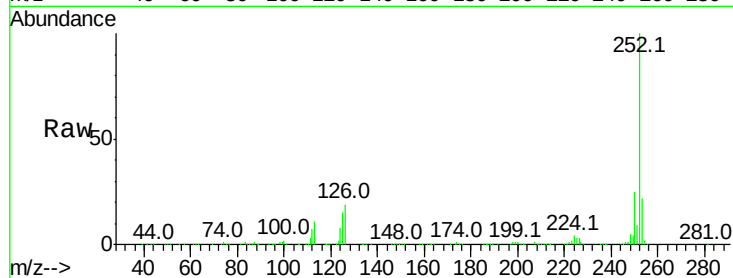
Tot Ion:252 Resp: 733460

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

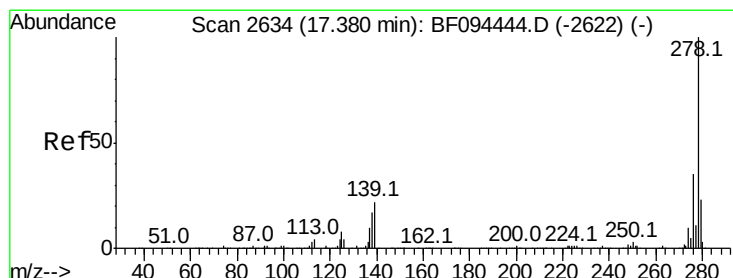
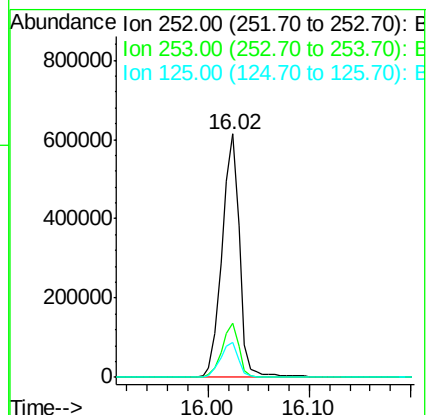
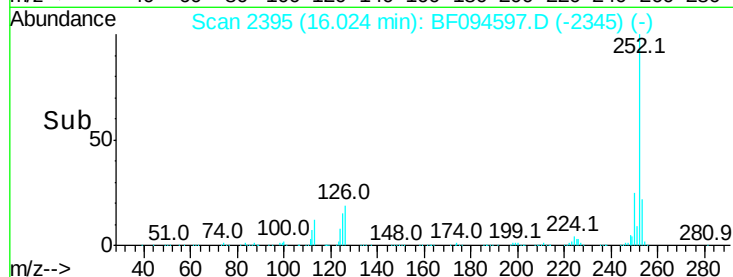
125 14.5 11.0 16.4



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: 37.52 ng

RT: 17.37 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

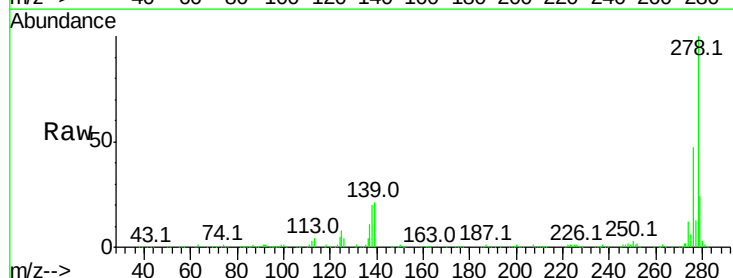
Tgt Ion:278 Resp: 586319

Ion Ratio Lower Upper

278 100

139 21.5 16.6 24.8

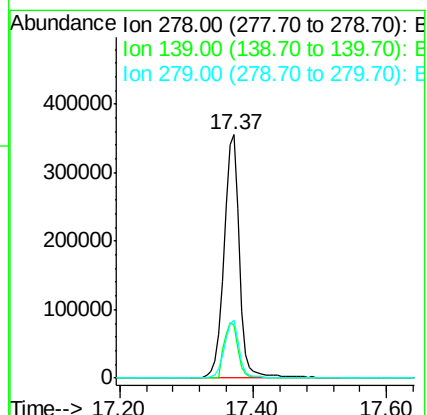
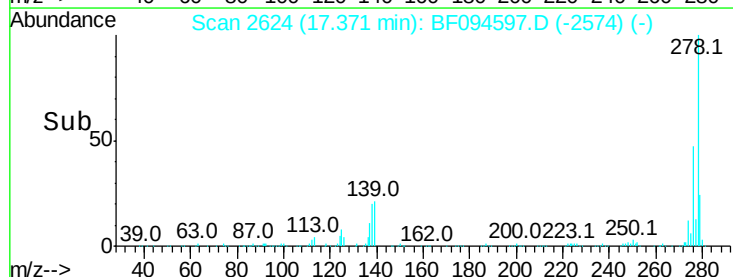
279 23.9 19.3 28.9

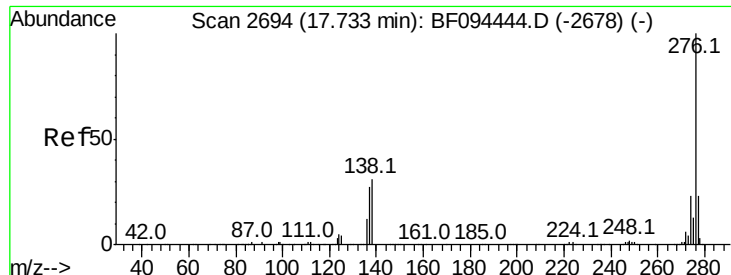


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.92 ng

RT: 17.72 min Scan# 2684

Delta R.T. -0.01 min

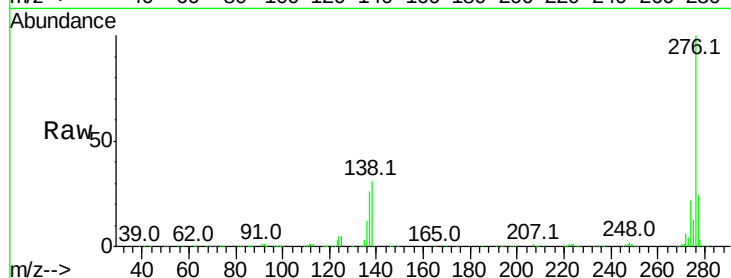
Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :



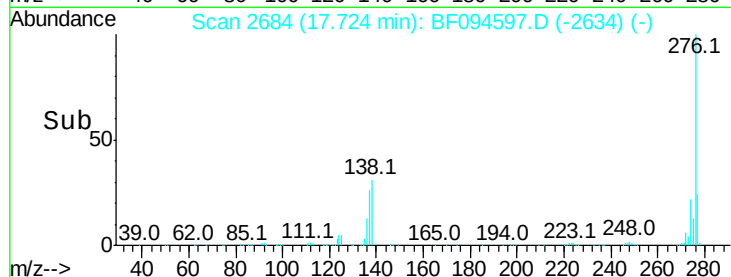
Tot Ion:276 Resp: 603293

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 31.0 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

