

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094611.D
 Acq On : 25 Apr 2017 18:00
 Operator : SJ/MA
 Sample : I2835-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:25:34 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	126544	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	492384	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	214503	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	341419	20.00	ng	-0.02
75) Chrysene-d12	14.46	240	249808	20.00	ng	0.00
86) Perylene-d12	16.08	264	235417	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.31	112	853673	111.92	ng	0.00
7) Phenol-d6	5.39	99	1022364	113.70	ng	0.00
23) Nitrobenzene-d5	6.41	82	637139	79.90	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	179761	107.14	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1158220	79.45	ng	-0.01
78) Terphenyl-d14	13.18	244	786700	84.18	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.10	88	112786	25.43	ng	97
3) Pyridine	2.64	79	287242	29.63	ng	99
4) n-Nitrosodimethylamine	2.57	42	138852	34.61	ng	90
6) Aniline	5.38	93	372322	31.16	ng	# 90
8) 2-Chlorophenol	5.53	128	336493	38.77	ng	94
9) Benzaldehyde	5.25	77	102058	14.92	ng	99
10) Phenol	5.40	94	467042	42.28	ng	92
11) bis(2-Chloroethyl)ether	5.47	93	309215	38.32	ng	95
12) 1,3-Dichlorobenzene	5.69	146	355541	36.97	ng	99
13) 1,4-Dichlorobenzene	5.78	146	361157	37.33	ng	98
14) 1,2-Dichlorobenzene	5.95	146	336868	37.80	ng	95
15) Benzyl Alcohol	5.94	79	253282	37.97	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	406730	38.44	ng	73
17) 2-Methylphenol	6.08	107	265368	38.82	ng	92
18) Hexachloroethane	6.34	117	114195	34.43	ng	88
19) n-Nitroso-di-n-propylamine	6.25	70	232979	39.10	ng	95
20) 3+4-Methylphenols	6.26	107	366892	39.50	ng	# 63
22) Acetophenone	6.23	105	471593	39.39	ng	# 85
24) Nitrobenzene	6.43	77	331241	39.45	ng	91
25) Isophorone	6.72	82	591858	40.04	ng	95
26) 2-Nitrophenol	6.80	139	166013	36.80	ng	98
27) 2,4-Dimethylphenol	6.88	122	287678	39.26	ng	99
28) bis(2-Chloroethoxy)methane	6.98	93	383788	40.14	ng	99
29) 2,4-Dichlorophenol	7.10	162	272021	39.90	ng	98
30) 1,2,4-Trichlorobenzene	7.19	180	277442	39.37	ng	98
31) Naphthalene	7.28	128	935309	39.51	ng	99
32) Benzoic acid	6.88	122	287678	74.24	ng	# 12
33) 4-Chloroaniline	7.35	127	177636	18.04	ng	# 94
34) Hexachlorobutadiene	7.43	225	137433	39.11	ng	97
35) Caprolactam	7.80	113	43848	20.47	ng	92
36) 4-Chloro-3-methylphenol	7.98	107	273755	38.32	ng	88
37) 2-Methylnaphthalene	8.12	142	632832	39.08	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	249187	40.80	ng	99
40) Hexachlorocyclopentadiene	8.31	237	73492	29.74	ng	98

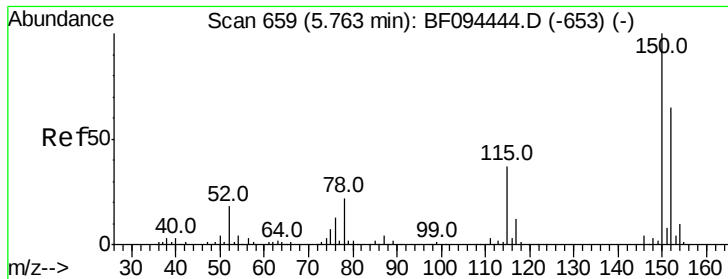
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	169147	39.43	nq	98
43) 2,4,5-Trichlorophenol	8.54	196	169017	38.37	nq	# 92
45) 1,1'-Biphenyl	8.69	154	715001	40.80	nq	98
46) 2-Chloronaphthalene	8.71	162	559643	40.16	nq	94
47) 2-Nitroaniline	8.85	65	164164	40.95	nq	# 79
48) Acenaphthylene	9.21	152	841382	38.73	nq	98
49) Dimethylphthalate	9.08	163	790477	49.45	nq	99
50) 2,6-Dinitrotoluene	9.15	165	142230	39.64	nq	98
51) Acenaphthene	9.42	154	509357	39.15	nq	99
52) 3-Nitroaniline	9.35	138	128882	31.05	nq	92
53) 2,4-Dinitrophenol	9.51	184	3643	7.49	nq	# 74
54) Dibenzofuran	9.64	168	747699	39.54	nq	97
55) 4-Nitrophenol	9.64	139	453050	154.48	nq	# 33
56) 2,4-Dinitrotoluene	9.65	165	179630	40.80	nq	# 83
57) Fluorene	10.06	166	567830	38.56	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.81	232	114548	36.28	nq	93
59) Diethylphthalate	9.95	149	623683	41.35	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	250811	40.93	nq	94
61) 4-Nitroaniline	10.11	138	141408	33.51	nq	95
62) Azobenzene	10.26	77	587945	40.15	nq	97
64) 4,6-Dinitro-2-methylphenol	10.15	198	10948	4.89	nq	# 68
65) n-Nitrosodiphenylamine	10.22	169	523456	44.08	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	149584	44.12	nq	96
67) Hexachlorobenzene	10.74	284	139115	40.72	nq	# 85
68) Atrazine	10.89	200	152123	42.82	nq	95
69) Pentachlorophenol	10.99	266	99844	73.60	nq	97
70) Phenanthrene	11.24	178	765785	39.83	nq	98
71) Anthracene	11.30	178	783863	39.41	nq	99
72) Carbazole	11.51	167	718915	38.51	nq	98
73) Di-n-butylphthalate	11.96	149	933422	45.42	nq	98
74) Fluoranthene	12.69	202	690373	34.65	nq	99
76) Benzidine	12.88	184	350880	34.69	nq	# 93
77) Pyrene	12.97	202	681206	39.03	nq	98
79) Butylbenzylphthalate	13.79	149	326842	42.73	nq	89
80) Benzo(a)anthracene	14.45	228	561435	38.67	nq	98
81) 3,3'-Dichlorobenzidine	14.42	252	191221	37.20	nq	# 96
82) Chrysene	14.49	228	520686	39.24	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	458487	44.65	nq	# 99
84) Di-n-octyl phthalate	15.27	149	754883	43.82	nq	98
85) Indeno(1,2,3-cd)pyrene	17.36	276	489450	38.77	nq	100
87) Benzo(b)fluoranthene	15.68	252	542197	37.65	nq	98
88) Benzo(k)fluoranthene	15.71	252	546436	40.10	nq	96
89) Benzo(a)pyrene	16.03	252	523842	39.10	nq	99
90) Dibenzo(a,h)anthracene	17.37	278	414570	37.27	nq	96
91) Benzo(g,h,i)perylene	17.73	276	382676	33.79	nq	99

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

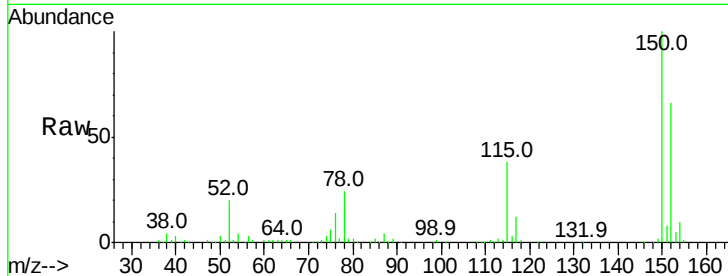


#1

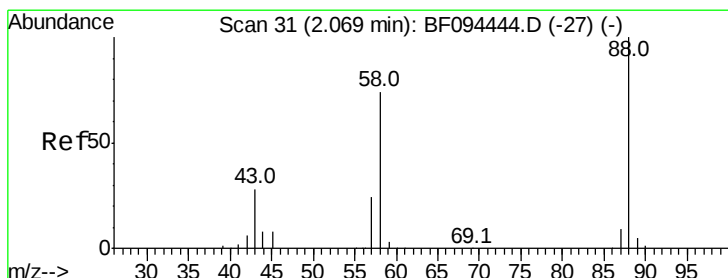
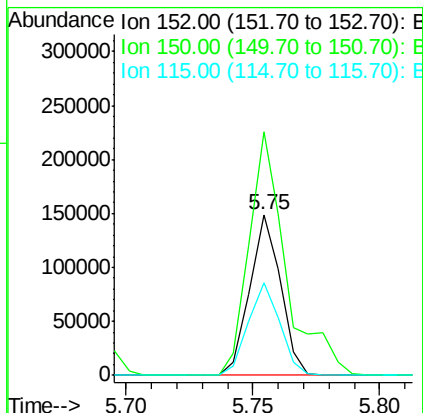
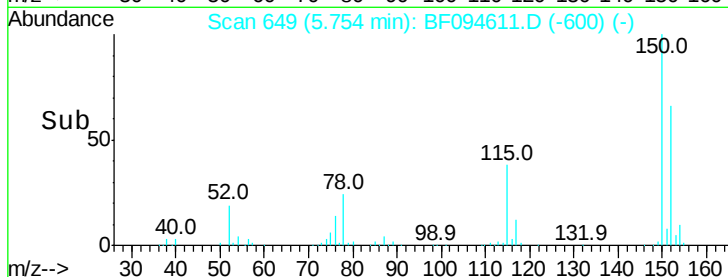
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126544
Ion Ratio Lower Upper
152 100
150 151.4 126.2 189.2
115 57.2 52.2 78.2



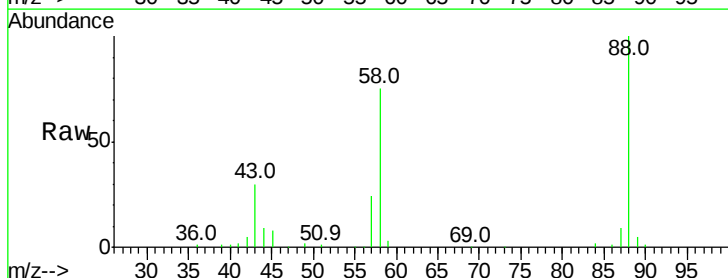
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



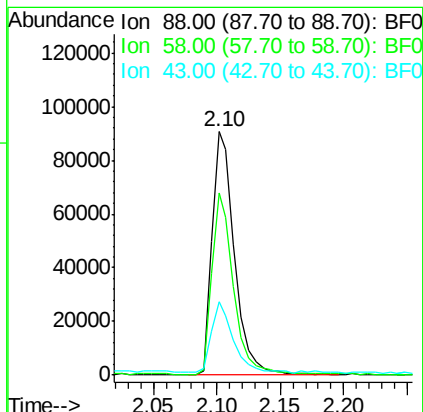
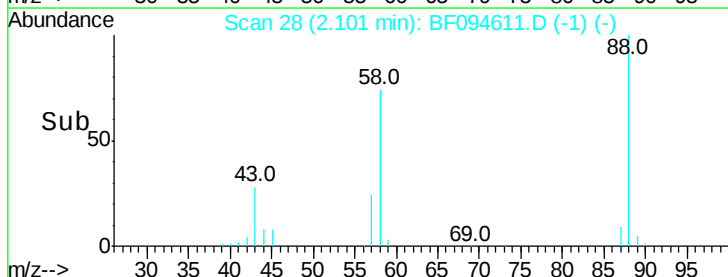
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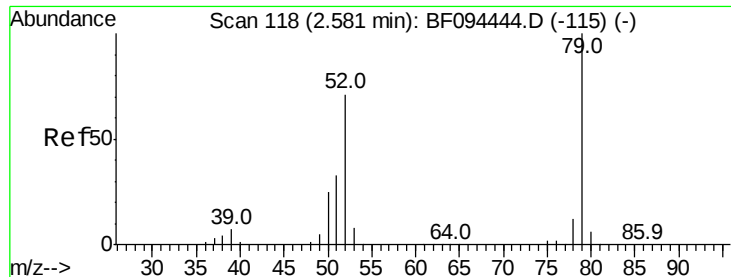
1,4-Dioxane
Concen: 25.43 ng
RT: 2.10 min Scan# 28
Delta R.T. 0.03 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion: 88 Resp: 112786
Ion Ratio Lower Upper
88 100
58 73.2 61.4 92.0
43 28.5 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: 29.63 ng

RT: 2.64 min Scan# 119

Delta R.T. 0.06 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

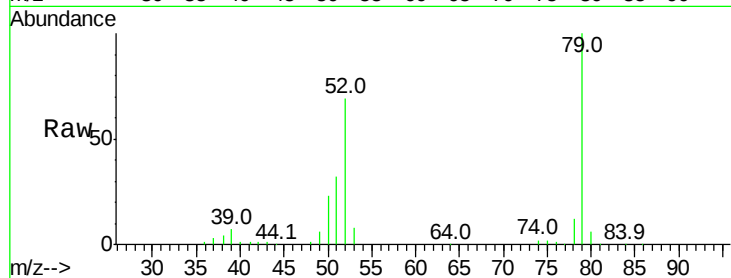
Tot Ion: 79 Resp: 287242

Ion Ratio Lower Upper

79 100

52 68.9 54.8 82.2

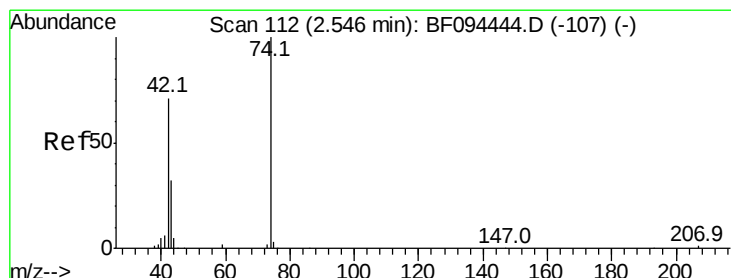
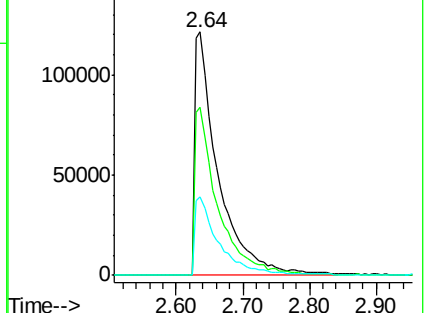
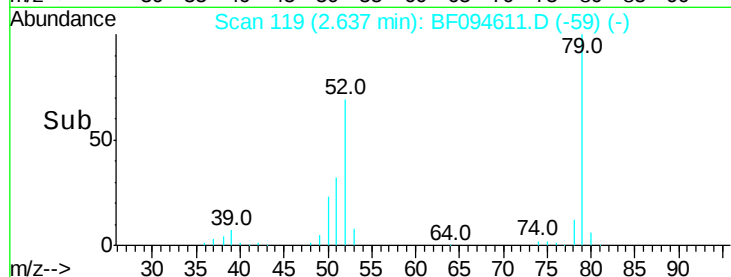
51 32.0 27.0 40.4



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: 34.61 ng

RT: 2.57 min Scan# 108

Delta R.T. 0.03 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

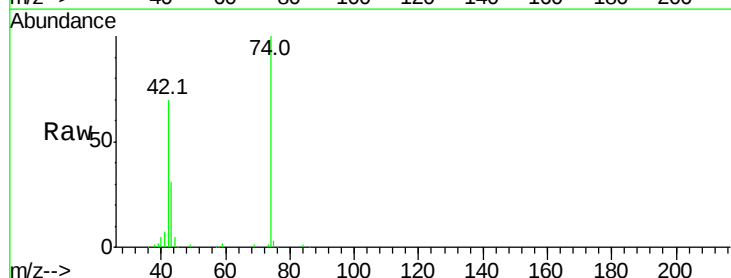
Tgt Ion: 42 Resp: 138852

Ion Ratio Lower Upper

42 100

74 141.9 103.9 155.9

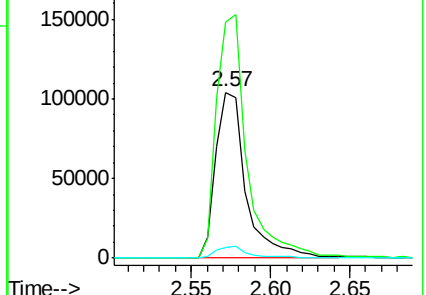
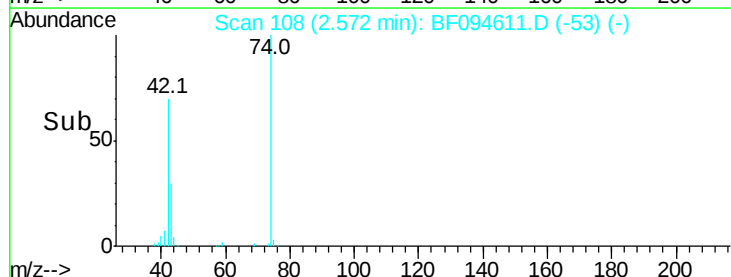
44 6.4 5.7 8.5



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: 111.92 ng

RT: 4.31 min Scan# 403

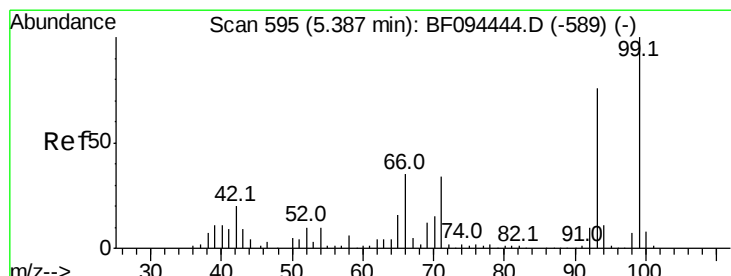
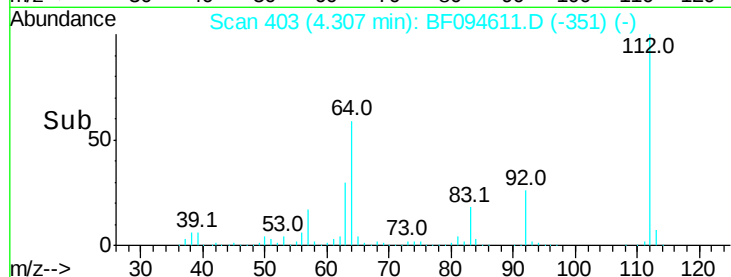
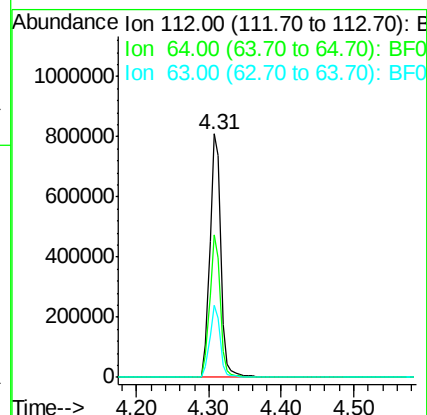
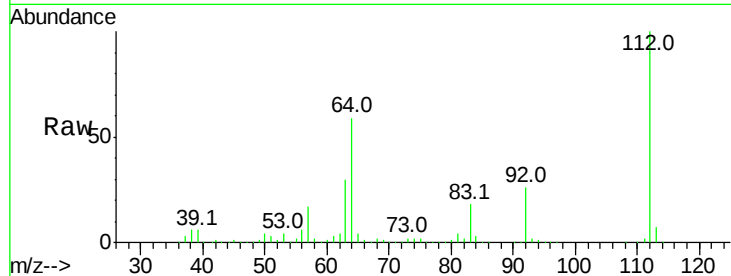
Delta R.T. 0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	853673
Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.0	69.0
63	29.7	23.4	35.0



#6

Aniline

Concen: 31.16 ng

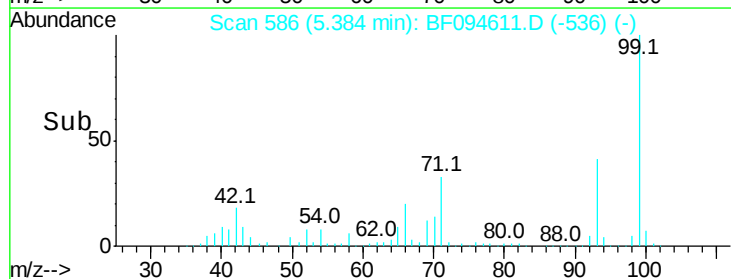
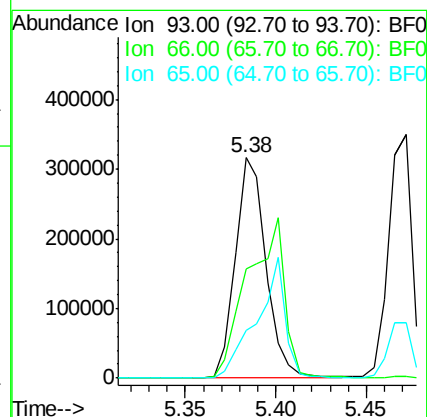
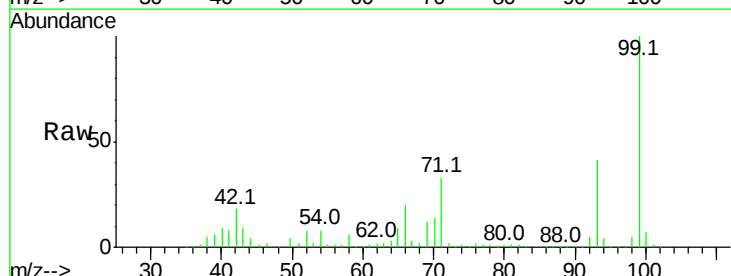
RT: 5.38 min Scan# 586

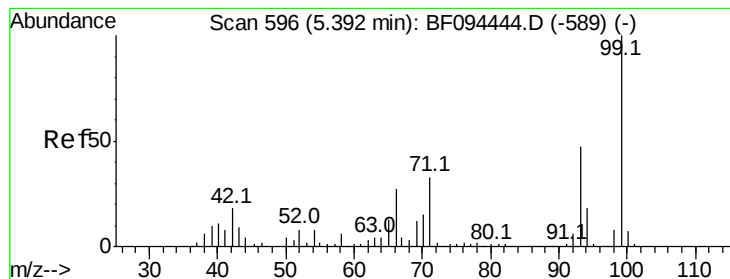
Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Tgt Ion:	93	Resp:	372322
Ion	Ratio	Lower	Upper
93	100		
66	49.6	32.9	49.3#
65	21.5	16.0	24.0





#7

Phenol-d6

Concen: 113.70 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

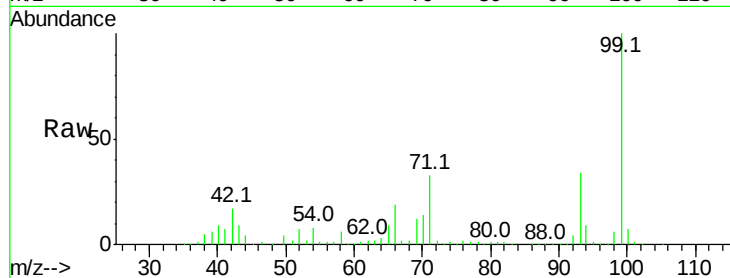
Tot Ion: 99 Resp: 1022364

Ion Ratio Lower Upper

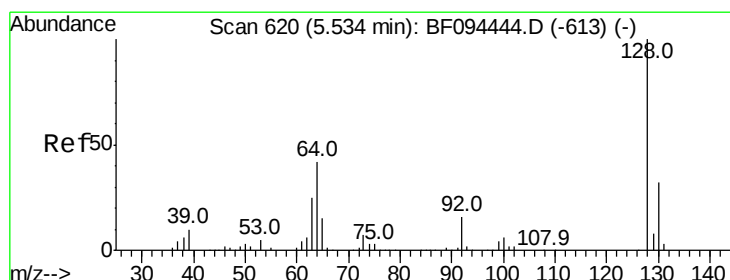
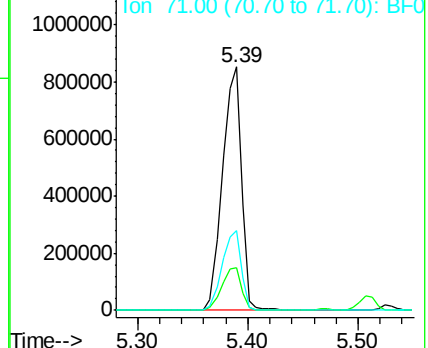
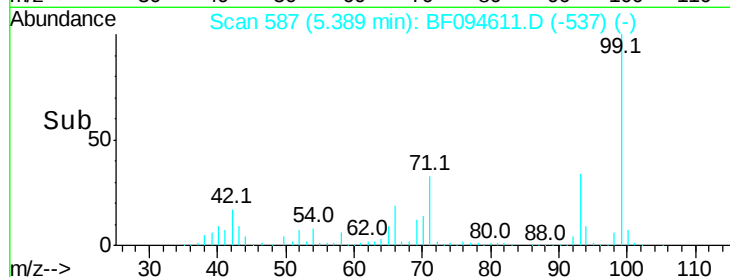
99 100

42 17.4 13.5 20.3

71 32.8 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: 38.77 ng

RT: 5.53 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

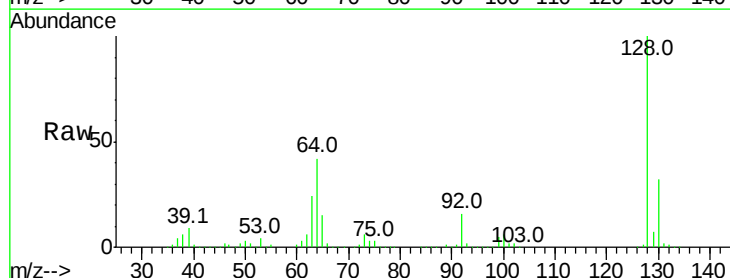
Tgt Ion:128 Resp: 336493

Ion Ratio Lower Upper

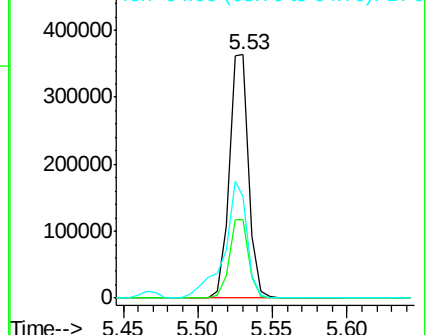
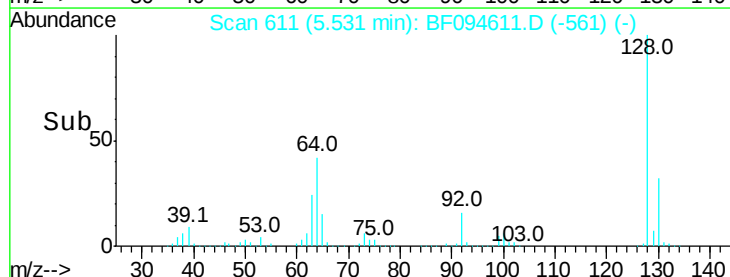
128 100

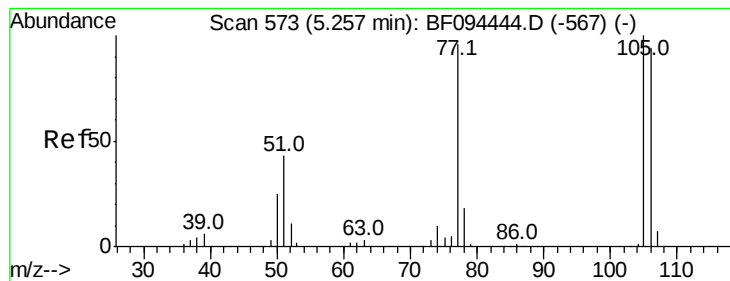
130 32.2 12.9 52.9

64 41.6 28.4 68.4



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





#9

Benzaldehyde

Concen: 14.92 ng

RT: 5.25 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampled :

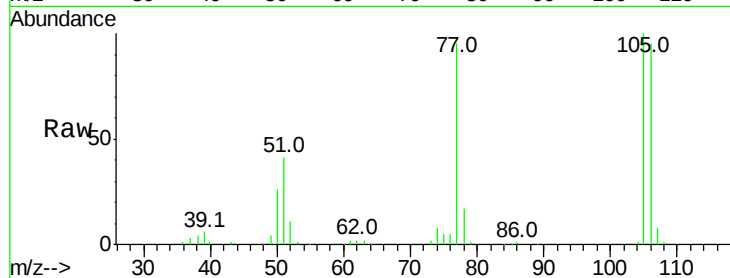
Tot Ion: 77 Resp: 102058

Ion Ratio Lower Upper

77 100

105 104.7 83.8 123.8

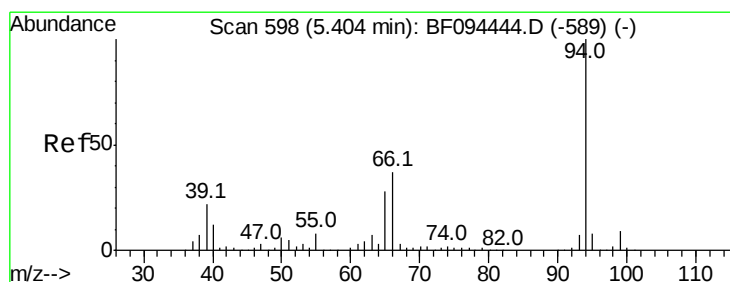
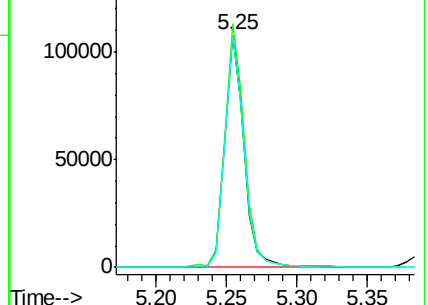
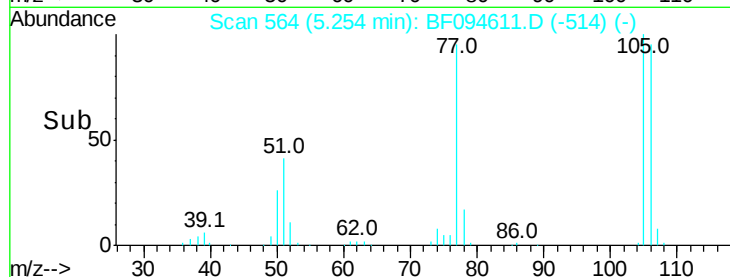
106 99.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.28 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

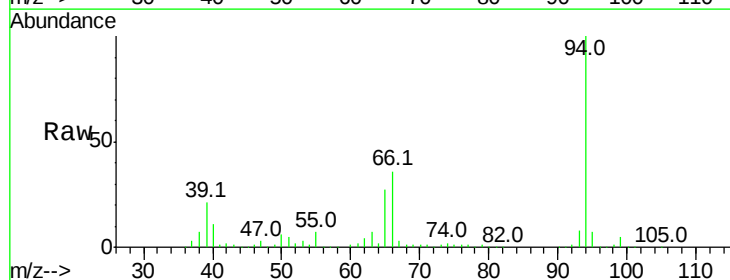
Tgt Ion: 94 Resp: 467042

Ion Ratio Lower Upper

94 100

65 27.4 9.9 49.9

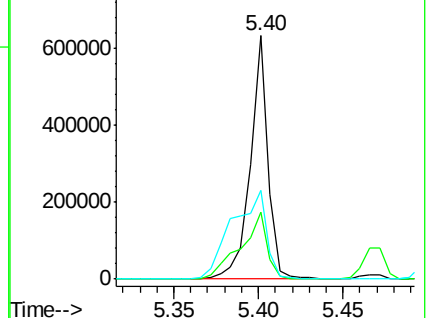
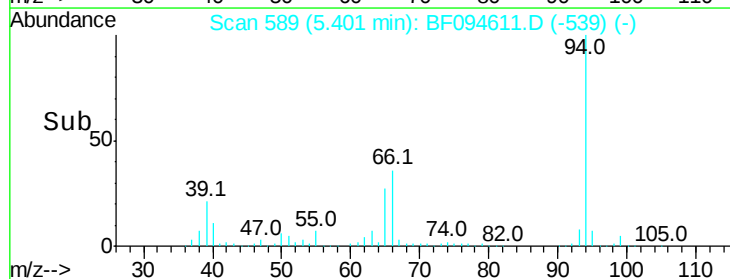
66 36.4 23.1 63.1

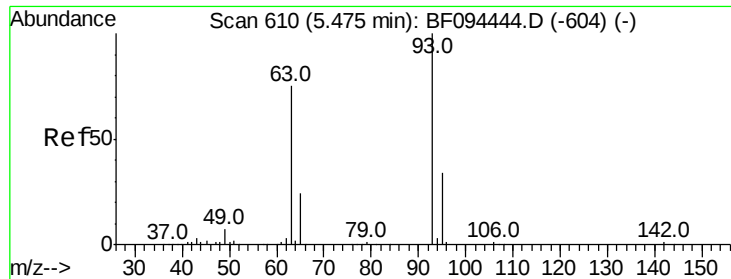


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

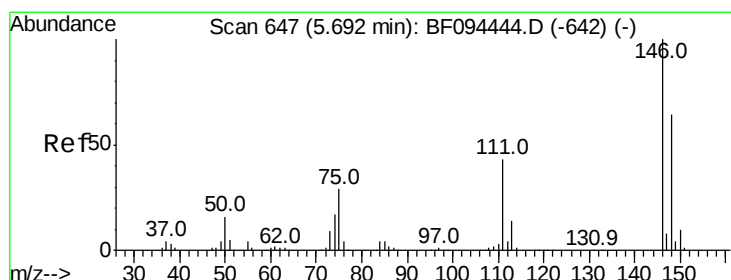
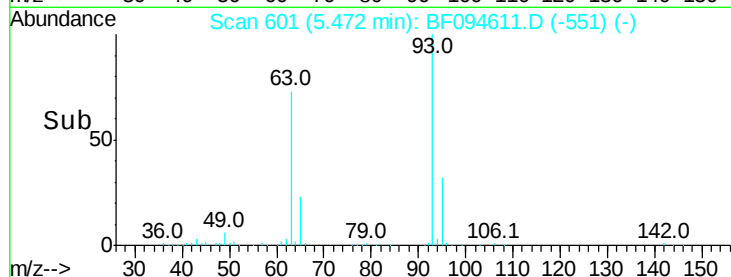
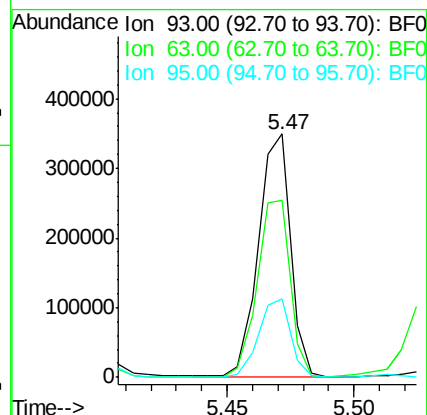
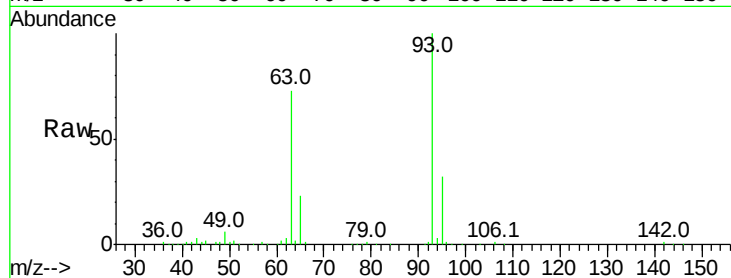




#11
bis(2-Chloroethyl)ether
Concen: 38.32 ng
RT: 5.47 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

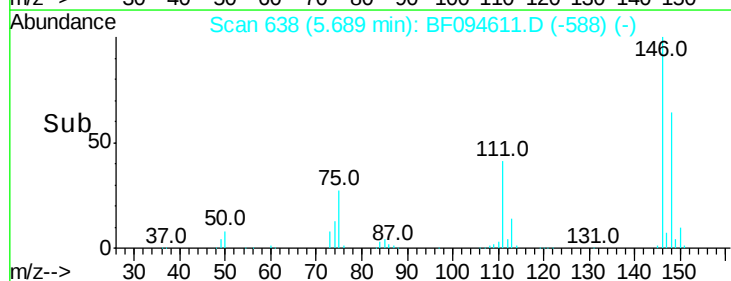
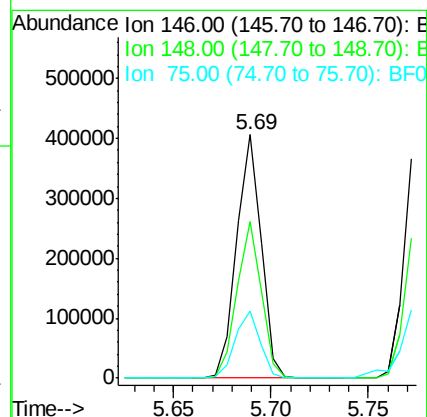
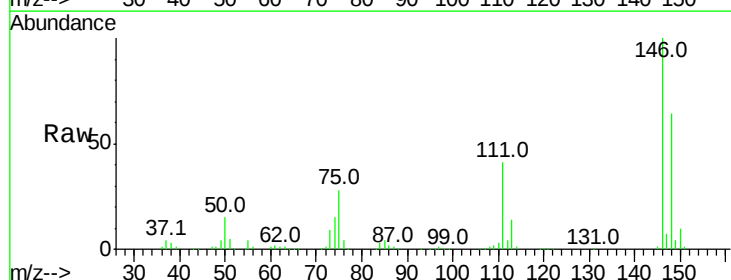
Instrument :
BNA_F
ClientSampleId :

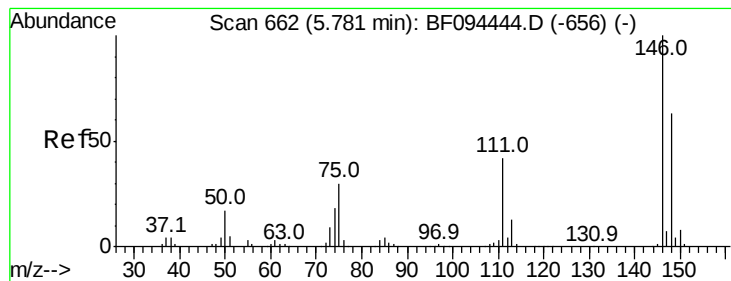
Tot Ion: 93 Resp: 309215
Ion Ratio Lower Upper
93 100
63 73.0 59.2 99.2
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.97 ng
RT: 5.69 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion: 146 Resp: 355541
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
75 27.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 37.33 ng

RT: 5.78 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

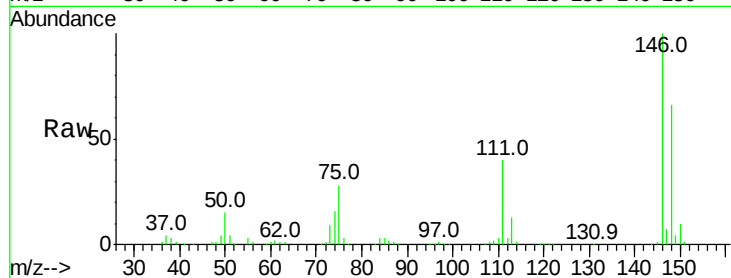
Tot Ion:146 Resp: 361157

Ion Ratio Lower Upper

146 100

148 65.9 52.2 78.2

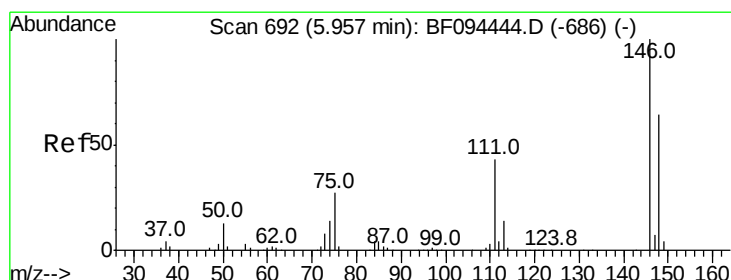
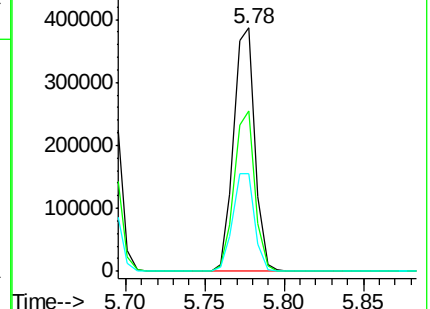
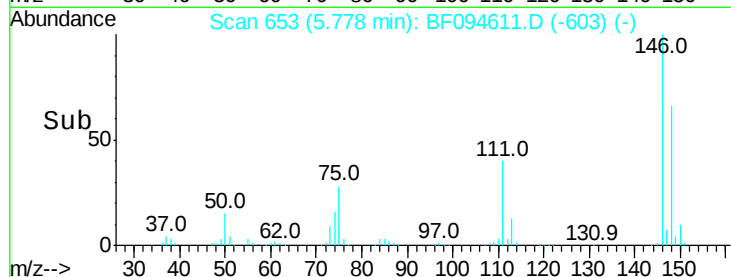
111 40.2 30.3 45.5



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: 37.80 ng

RT: 5.95 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

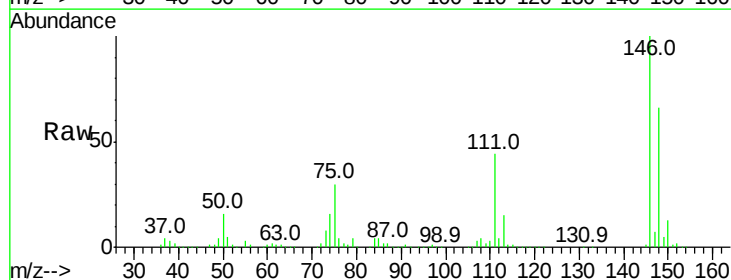
Tgt Ion:146 Resp: 336868

Ion Ratio Lower Upper

146 100

148 66.4 50.4 75.6

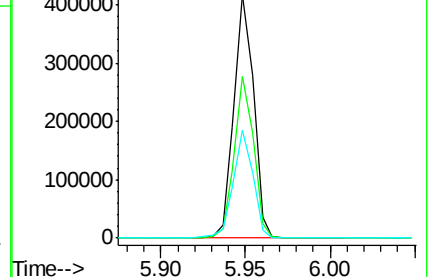
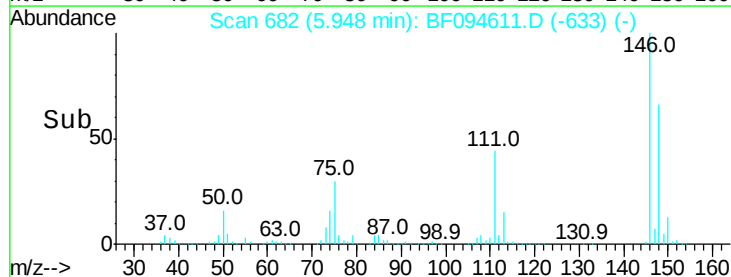
111 44.4 38.2 57.4

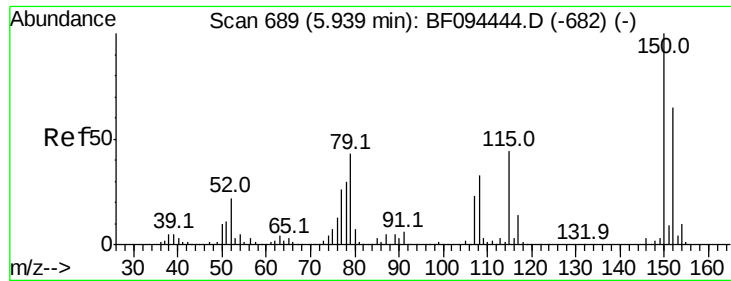


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.97 ng

RT: 5.94 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampled :

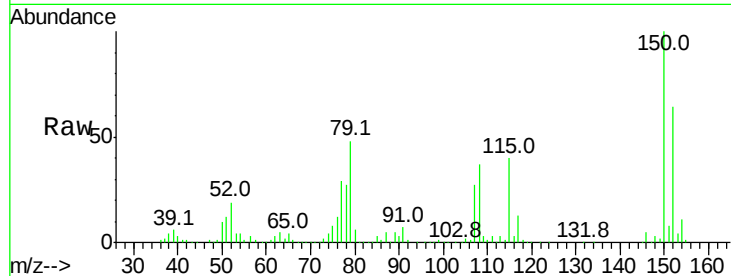
Tot Ion: 79 Resp: 253282

Ion Ratio Lower Upper

79 100

108 78.0 63.4 95.0

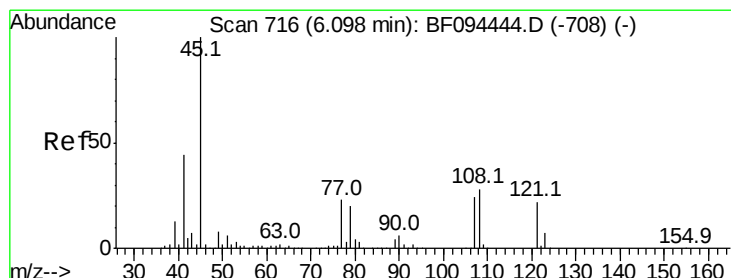
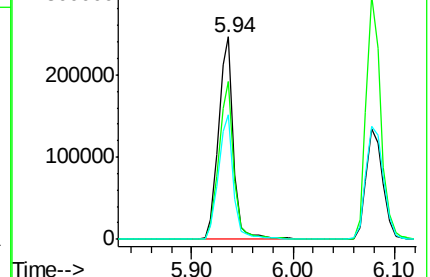
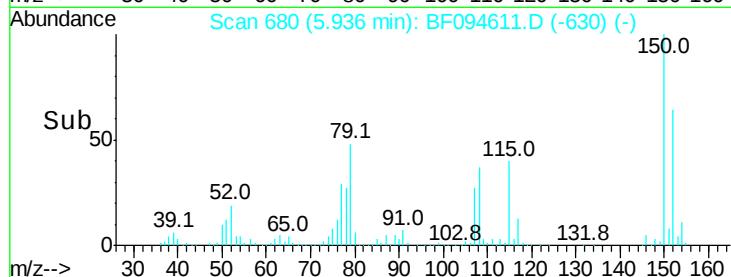
77 61.4 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.44 ng

RT: 6.09 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

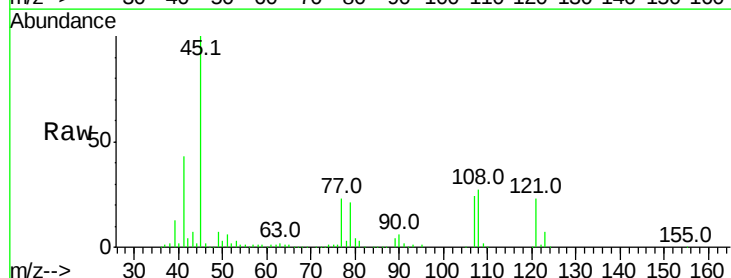
Tgt Ion: 45 Resp: 406730

Ion Ratio Lower Upper

45 100

77 23.5 0.0 33.2

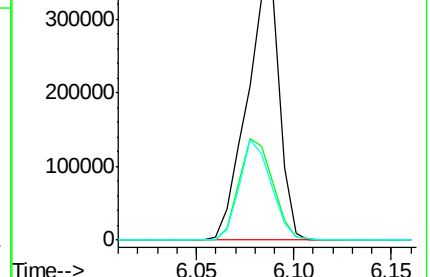
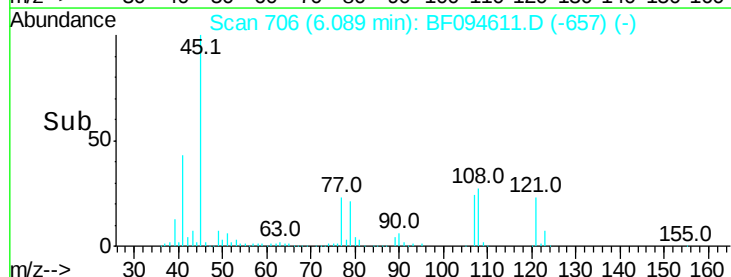
79 20.6 0.0 30.0

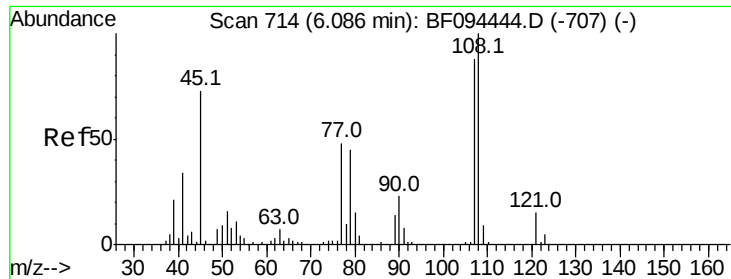


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.82 ng

RT: 6.08 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 265368

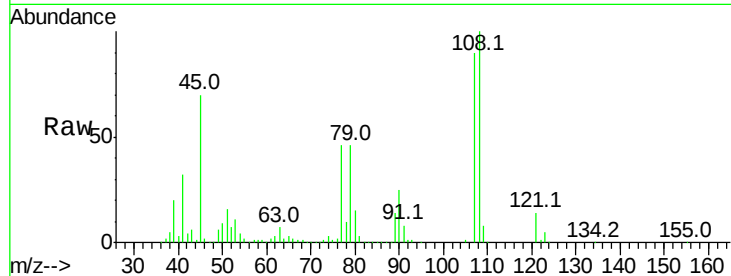
Ion Ratio Lower Upper

107 100

108 111.1 93.4 140.0

77 51.6 35.8 53.6

79 50.7 34.8 52.2

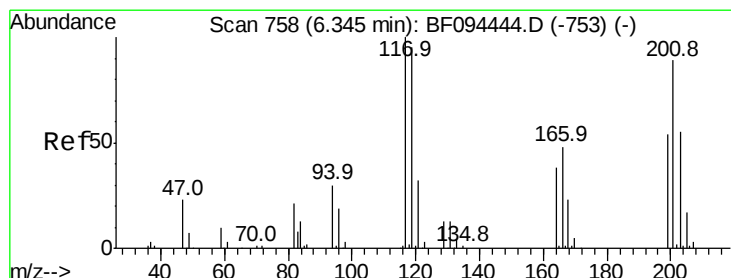
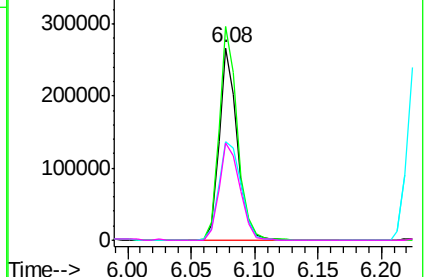
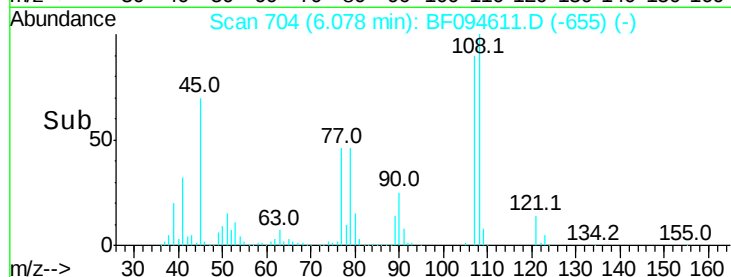


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.43 ng

RT: 6.34 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

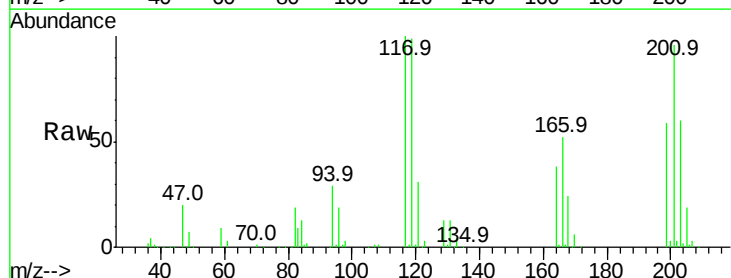
Tgt Ion:117 Resp: 114195

Ion Ratio Lower Upper

117 100

119 98.9 77.4 116.0

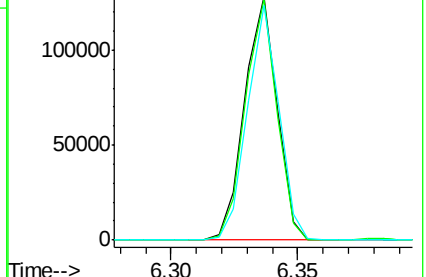
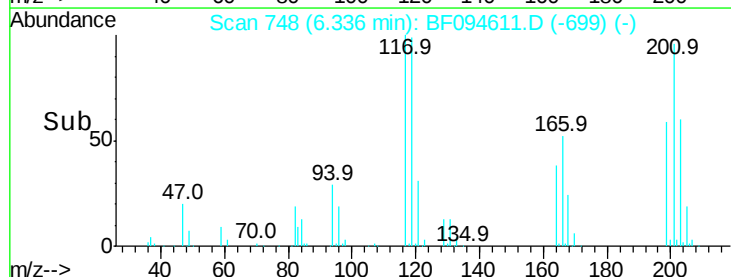
201 96.4 94.6 141.8

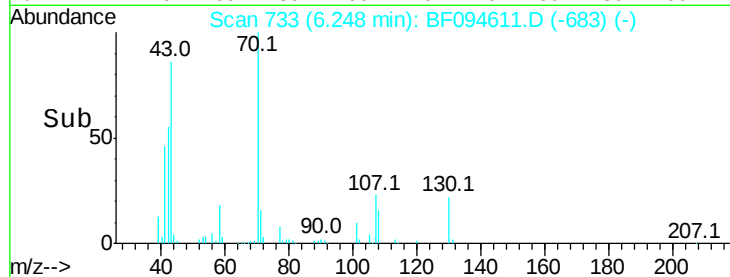
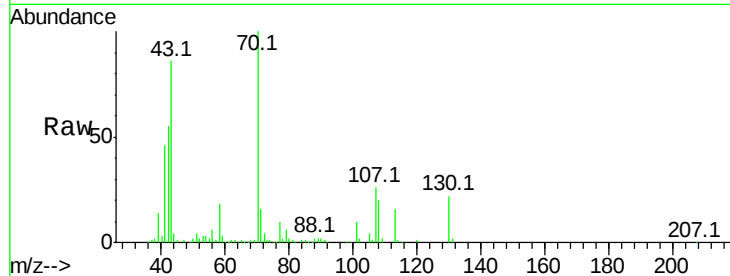
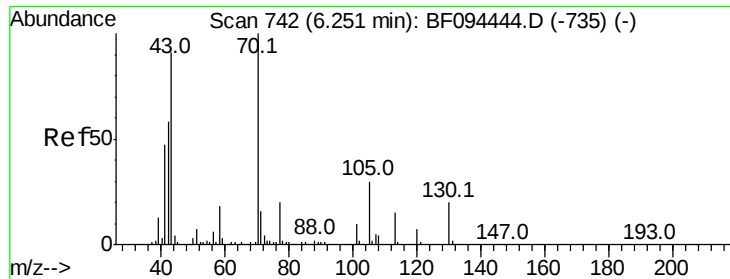


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

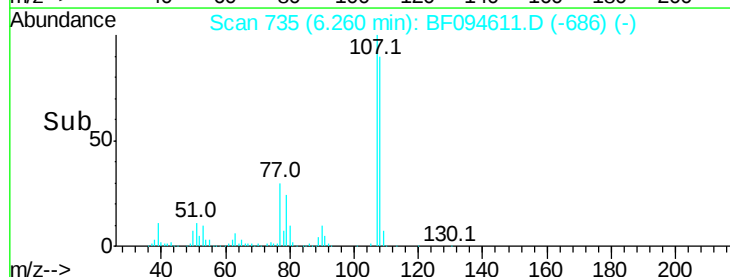
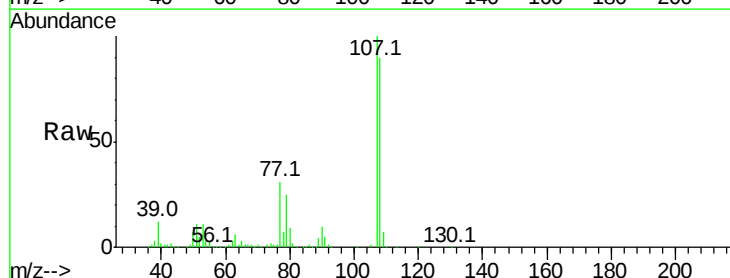
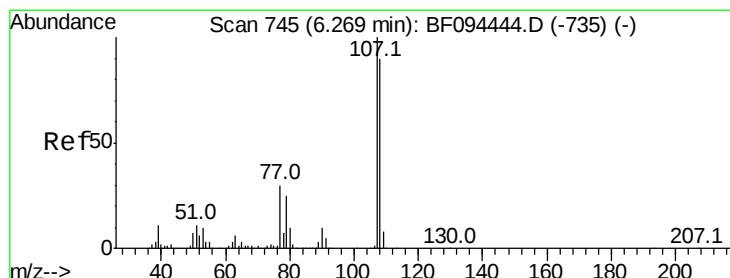
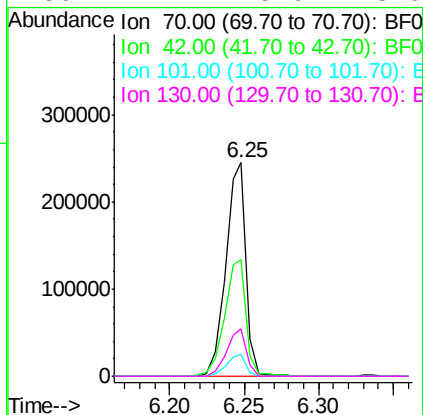




#19
n-Nitroso-di-n-propylamine
Concen: 39.10 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

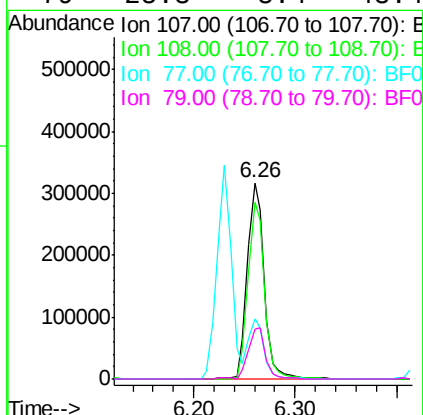
Instrument :
BNA_F
ClientSampleId :

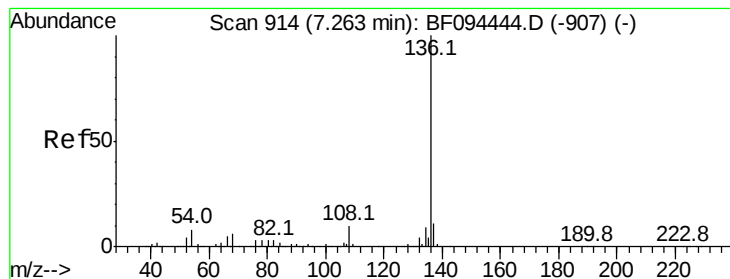
Tot Ion:	70	Resp:	232979
Ion	Ratio	Lower	Upper
70	100		
42	54.7	47.2	70.8
101	10.4	7.2	10.8
130	22.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.50 ng
RT: 6.26 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion:	107	Resp:	366892
Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.0	111.0
77	30.7	90.5	130.5#
79	25.3	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: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 492384

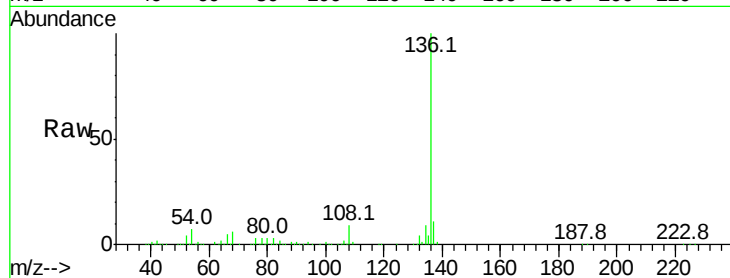
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.4 4.9 7.3#

68 6.0 4.1 6.1

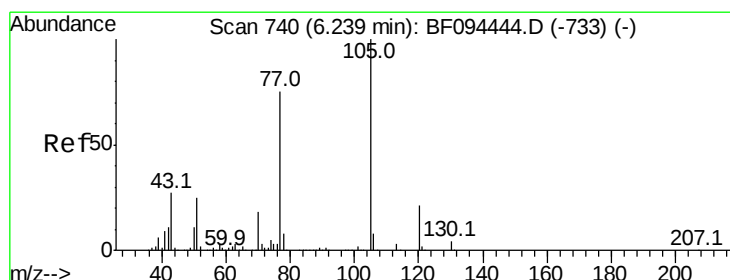
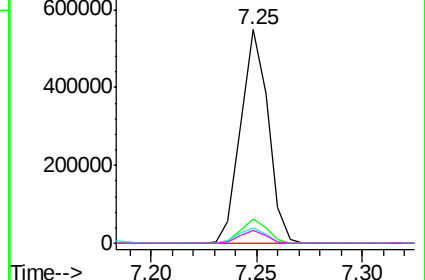
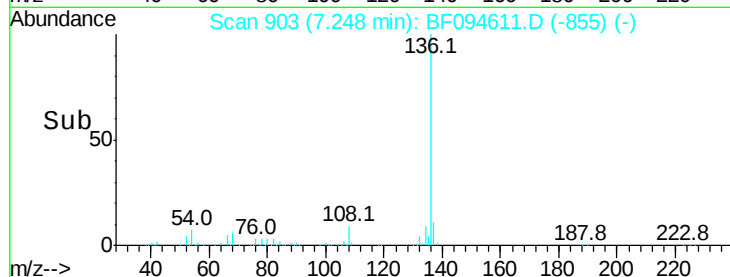


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.39 ng

RT: 6.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Tgt Ion:105 Resp: 471593

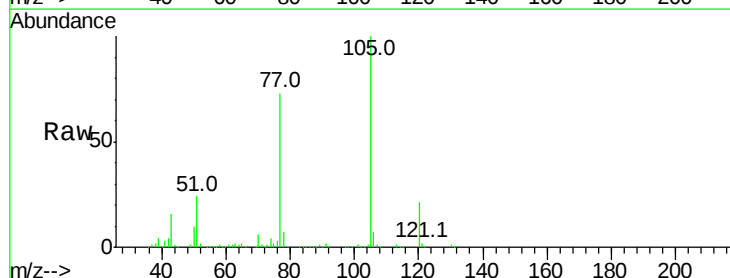
Ion Ratio Lower Upper

105 100

71 1.1 2.8 4.2#

51 23.6 30.7 46.1#

120 21.3 17.4 26.0

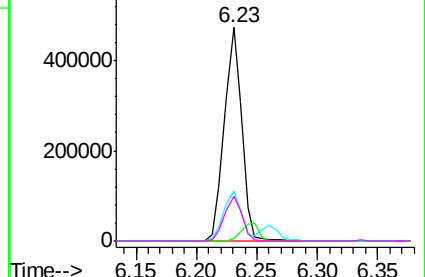
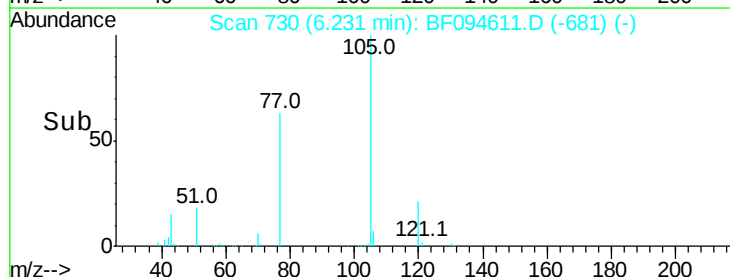


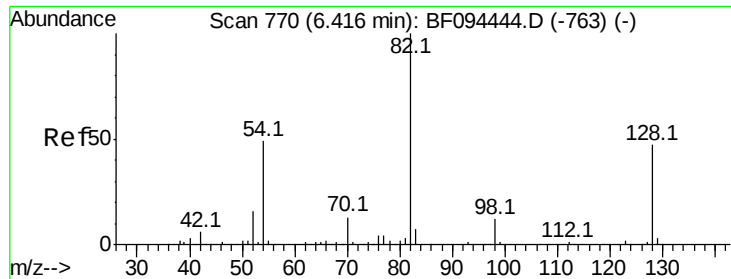
Abundance Ion 105.00 (104.70 to 105.70): E

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

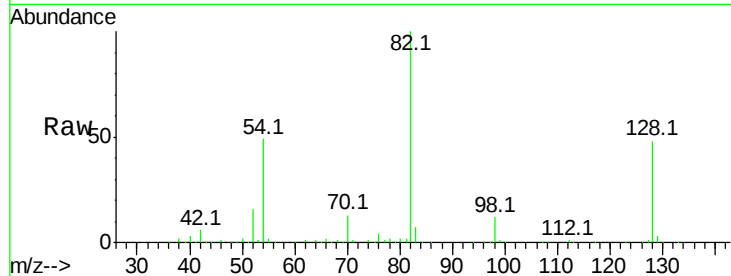




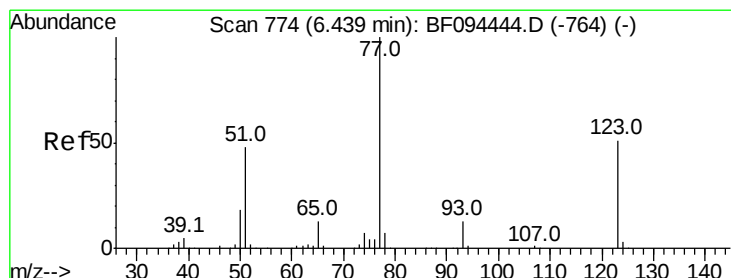
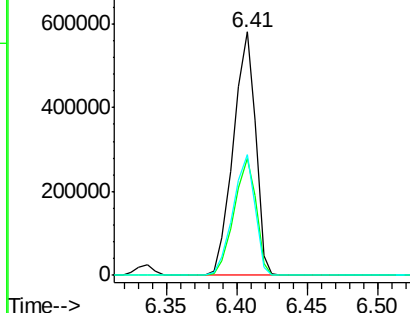
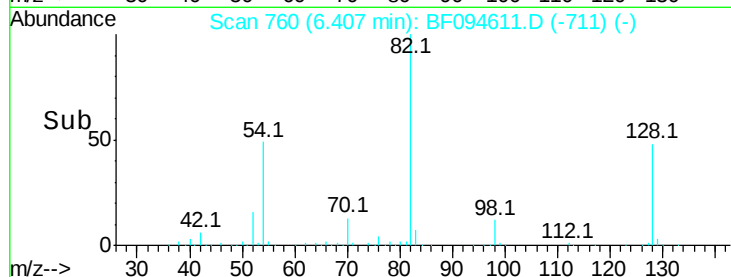
#23
 Nitrobenzene-d5
 Concen: 79.90 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	637139
Ion Ratio	Lower	Upper	
82	100		
128	48.0	34.0	51.0
54	49.3	42.2	63.2

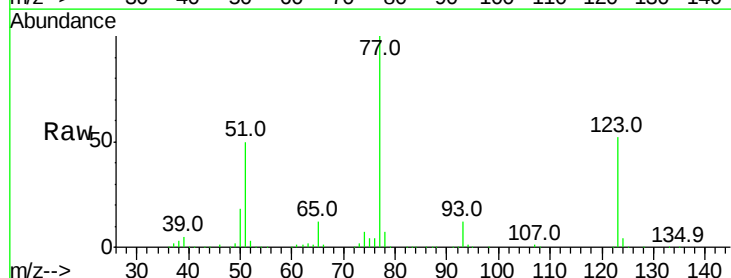


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

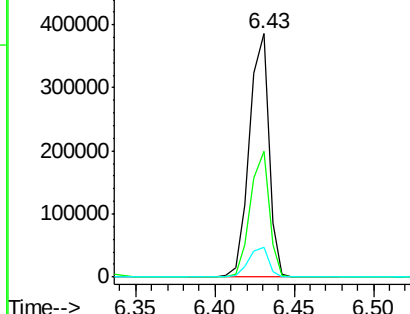
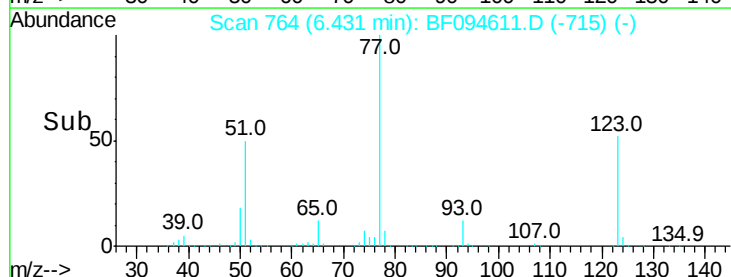


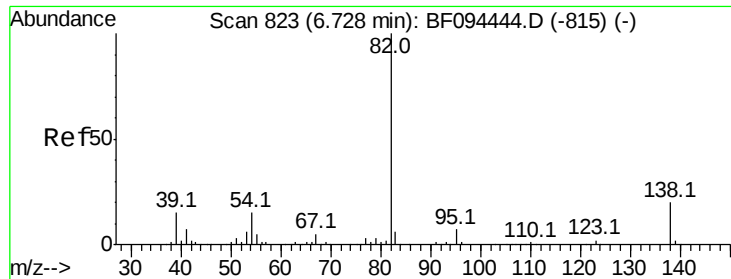
#24
 Nitrobenzene
 Concen: 39.45 ng
 RT: 6.43 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	77	Resp	331241
Ion Ratio	Lower	Upper	
77	100		
123	51.8	35.8	53.8
65	12.4	10.6	15.8



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





#25

Isophorone

Concen: 40.04 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

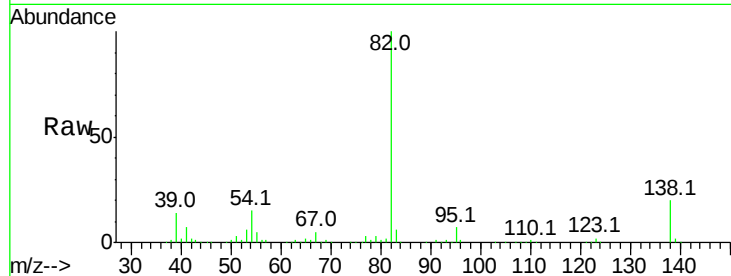
Tot Ion: 82 Resp: 591858

Ion Ratio Lower Upper

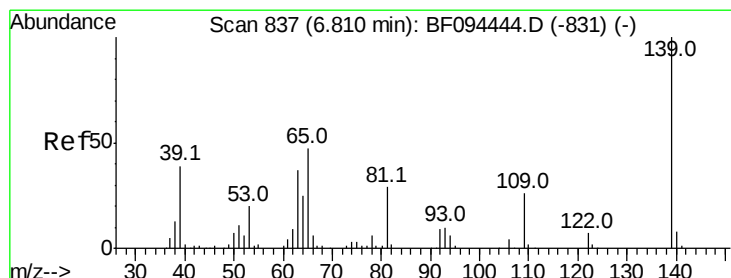
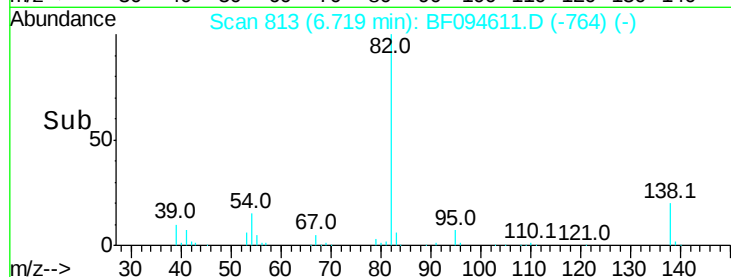
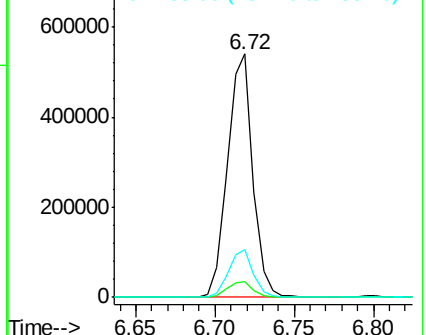
82 100

95 6.6 5.3 7.9

138 19.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.80 ng

RT: 6.80 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

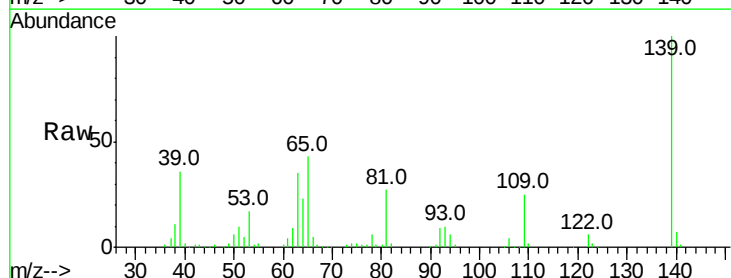
Tgt Ion:139 Resp: 166013

Ion Ratio Lower Upper

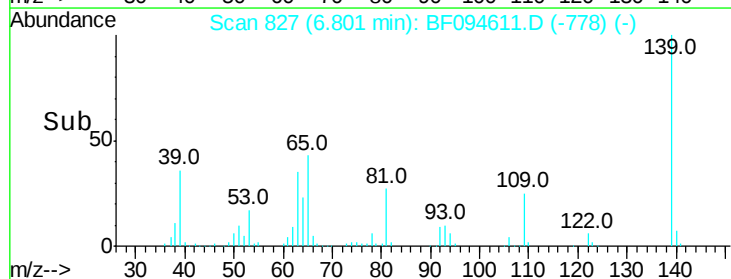
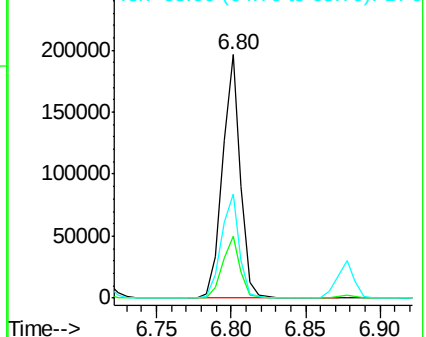
139 100

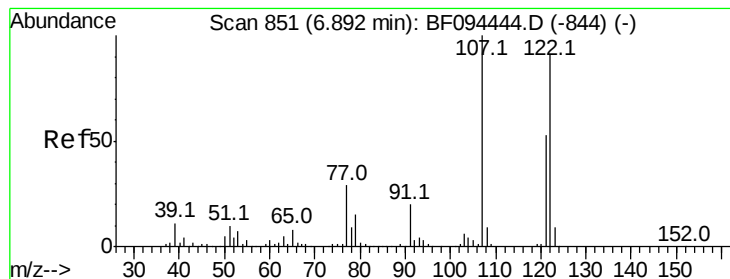
109 25.2 21.0 31.6

65 42.7 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 39.26 ng

RT: 6.88 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampled :

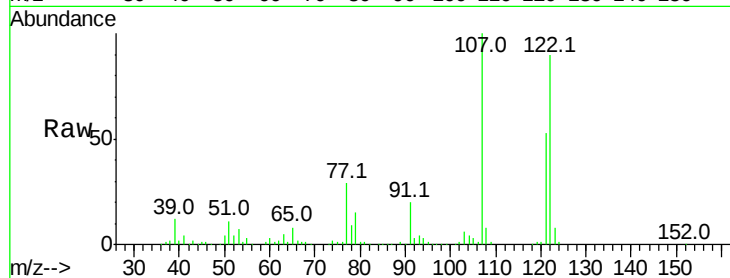
Tot Ion:122 Resp: 287678

Ion Ratio Lower Upper

122 100

107 111.5 89.2 133.8

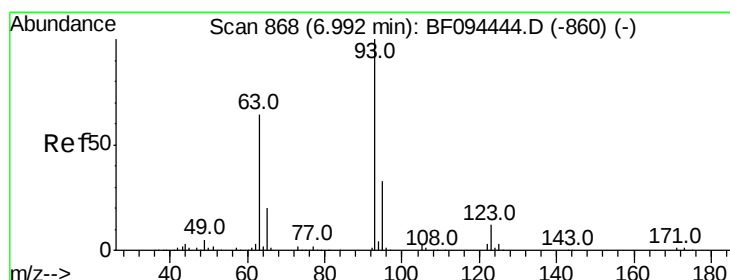
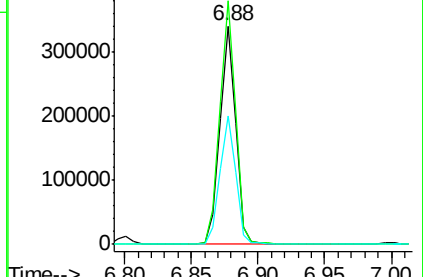
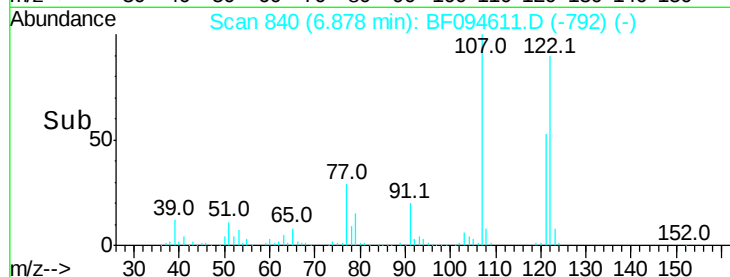
121 58.6 45.2 67.8



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: 40.14 ng

RT: 6.98 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

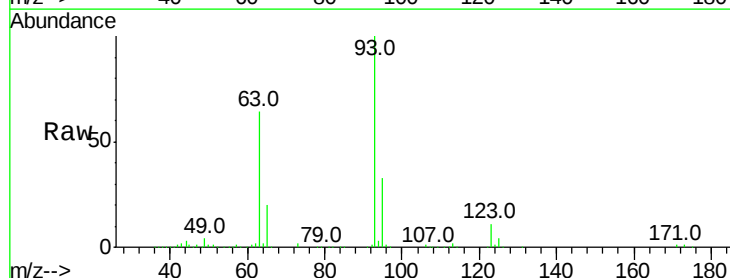
Tgt Ion: 93 Resp: 383788

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

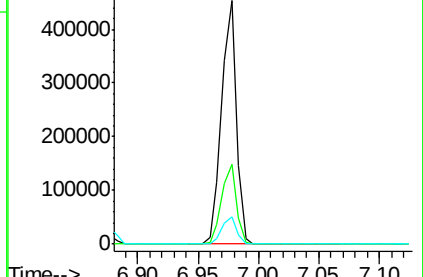
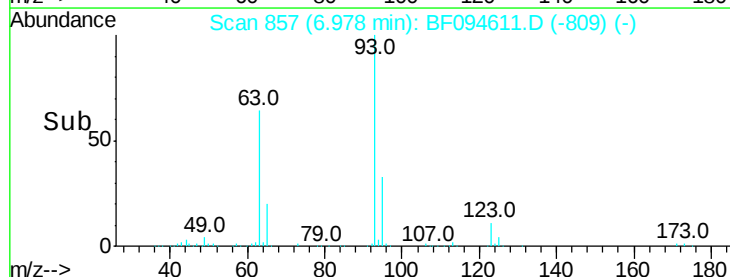
123 11.0 9.0 13.4

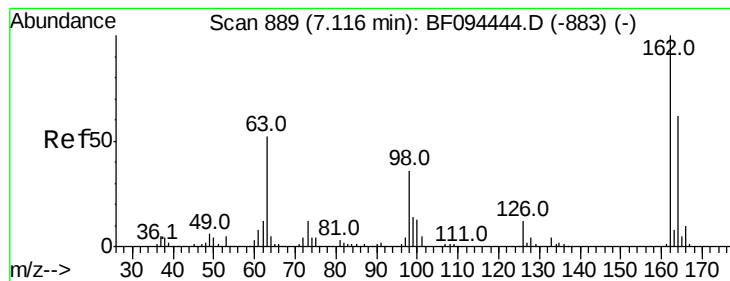


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.90 ng

RT: 7.10 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

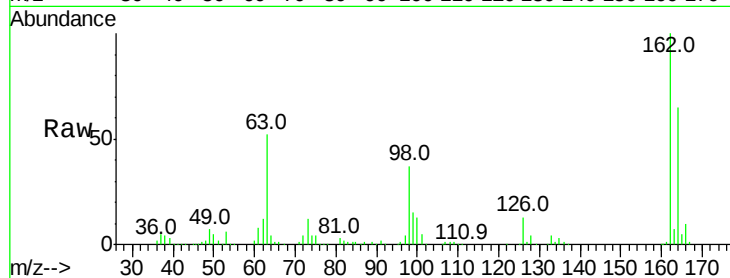
Tot Ion:162 Resp: 272021

Ion Ratio Lower Upper

162 100

164 64.8 44.6 84.6

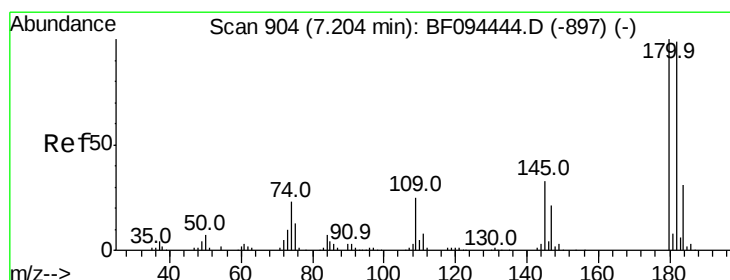
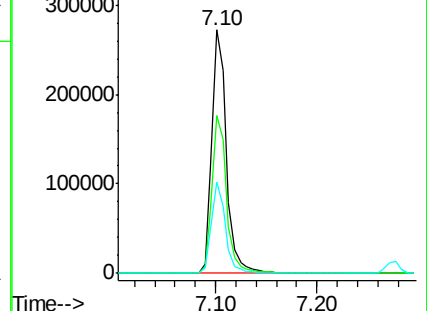
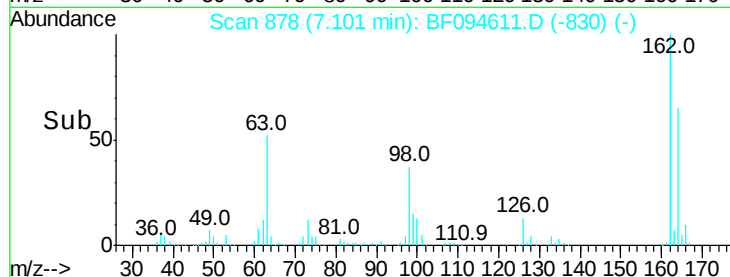
98 37.5 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.37 ng

RT: 7.19 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

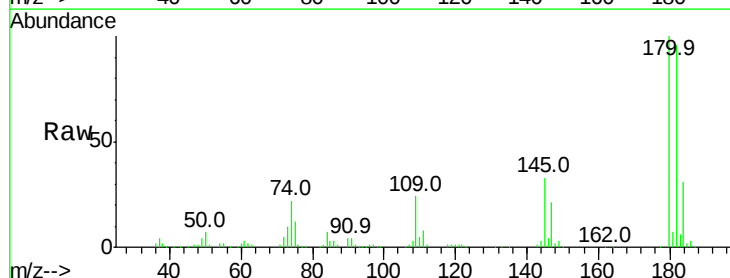
Tgt Ion:180 Resp: 277442

Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.6

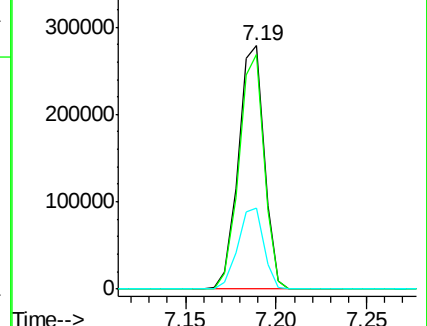
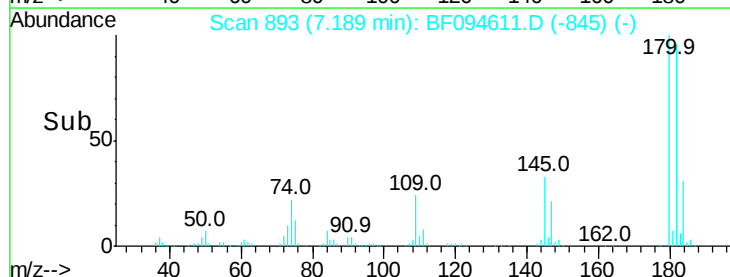
145 33.2 25.3 37.9

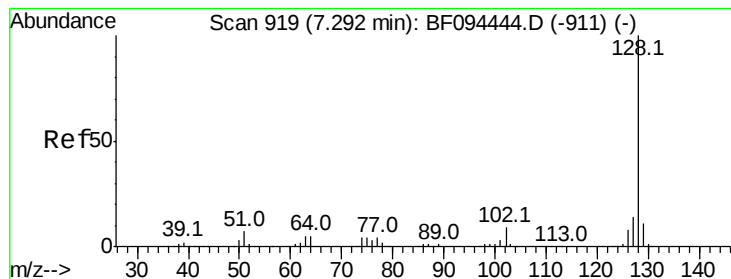


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.51 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

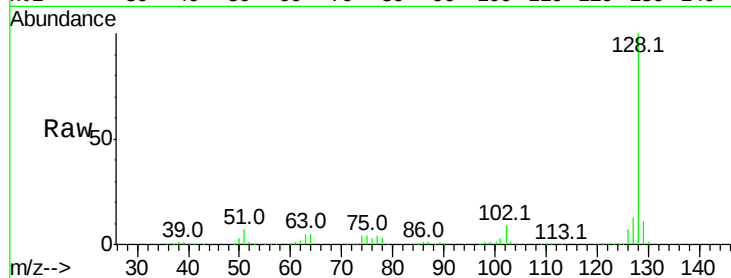
Tot Ion:128 Resp: 935309

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

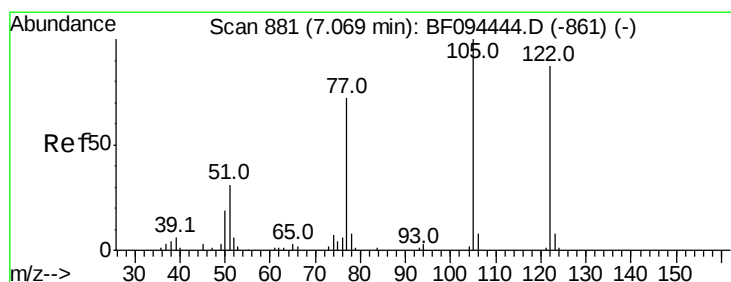
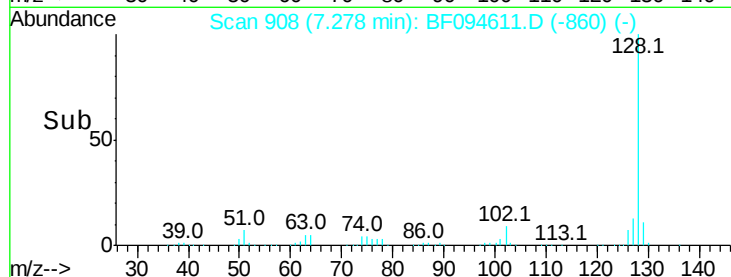
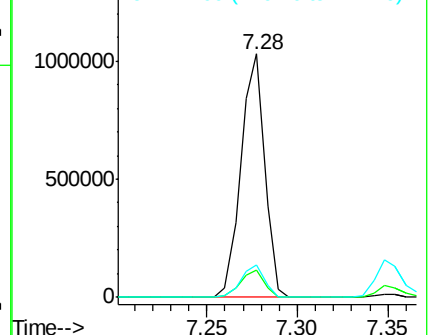
127 13.2 10.8 16.2



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: 74.24 ng

RT: 6.88 min Scan# 840

Delta R.T. -0.19 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

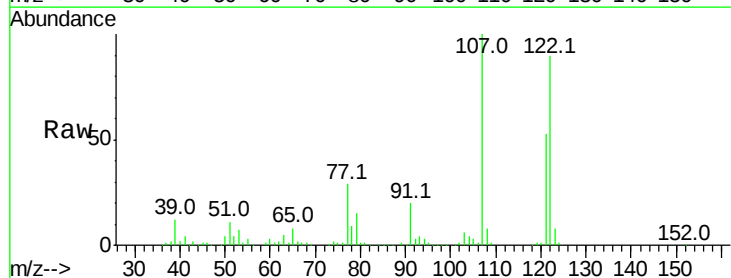
Tgt Ion:122 Resp: 287678

Ion Ratio Lower Upper

122 100

105 3.7 103.3 143.3#

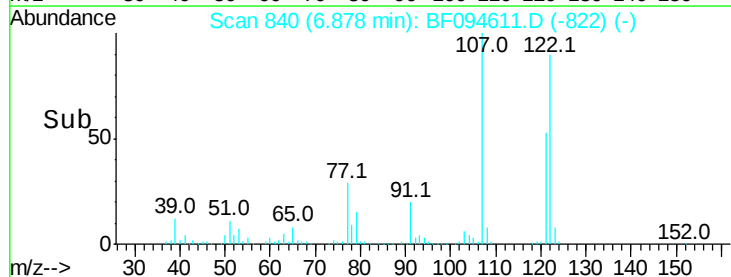
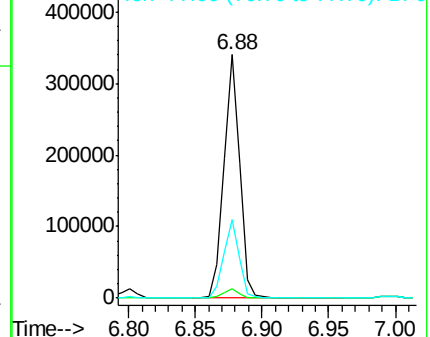
77 32.5 73.7 113.7#

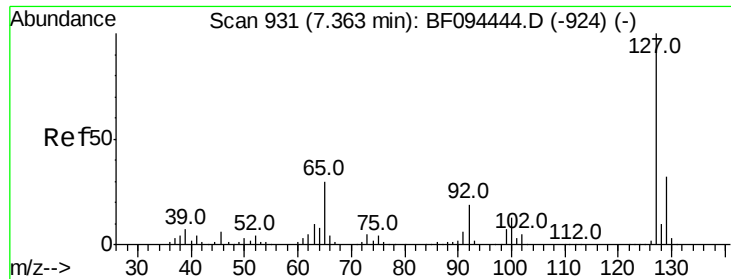


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

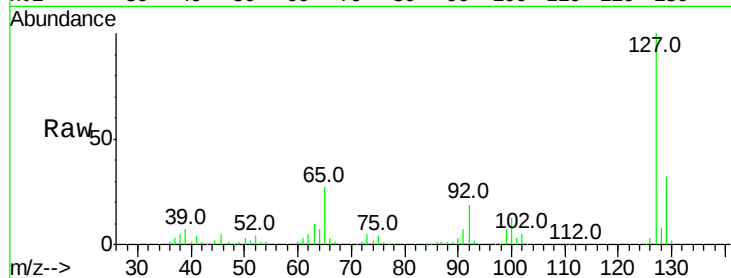




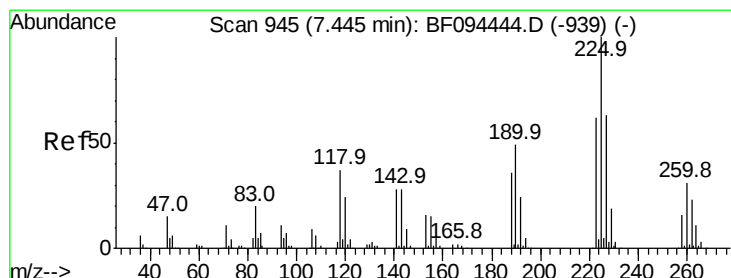
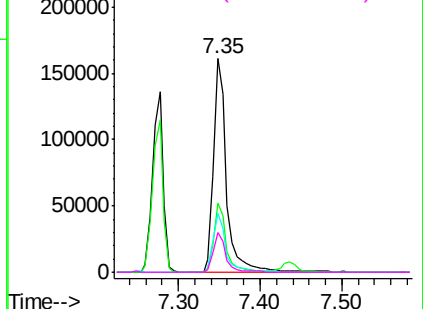
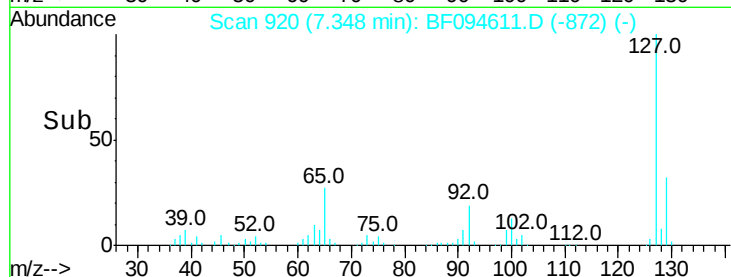
#33
4-Chloroaniline
Concen: 18.04 ng
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	177636
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	27.3	27.8	41.8#
92	18.6	16.8	25.2

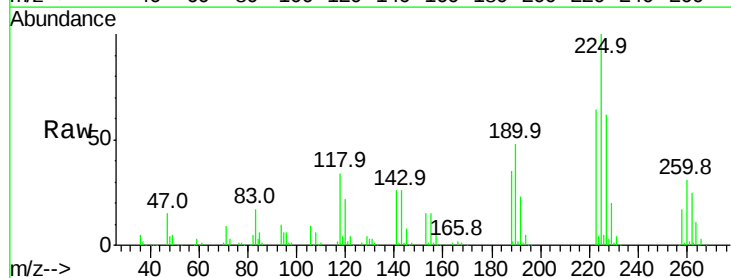


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

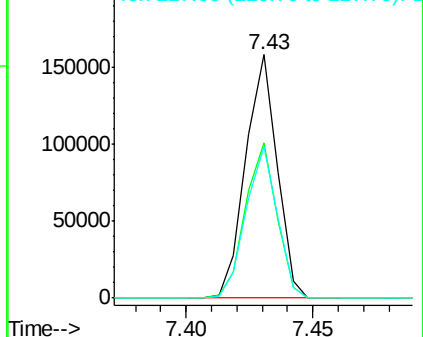
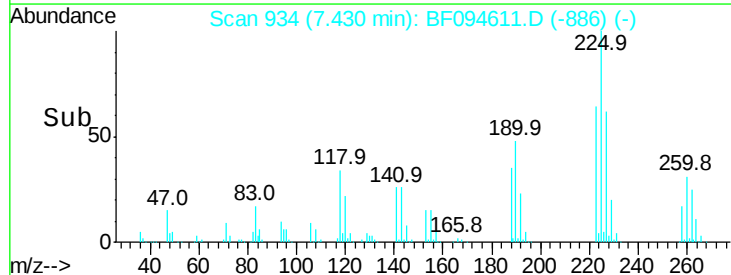


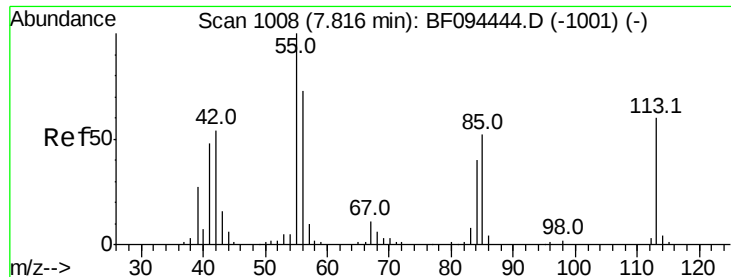
#34
Hexachlorobutadiene
Concen: 39.11 ng
RT: 7.43 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion:	225	Resp:	137433
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.8	73.2
227	62.1	51.1	76.7



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

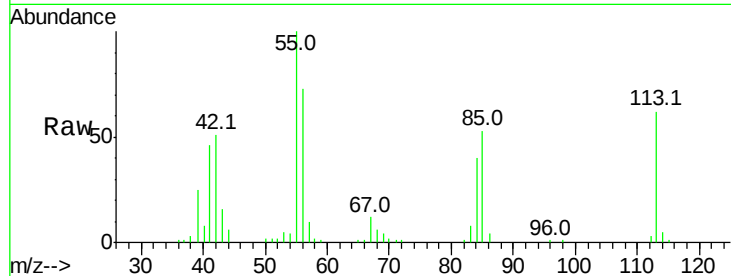




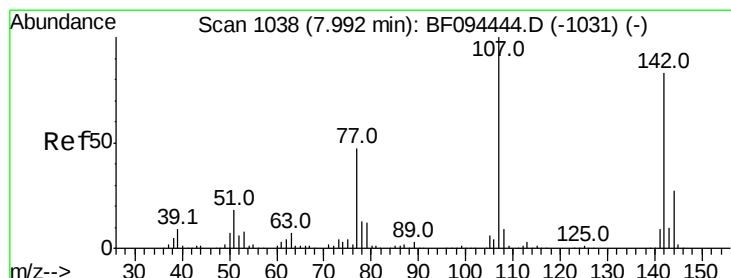
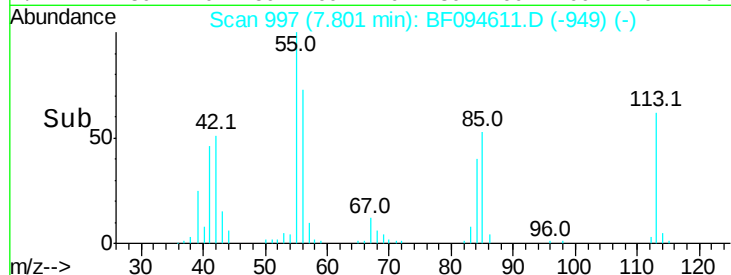
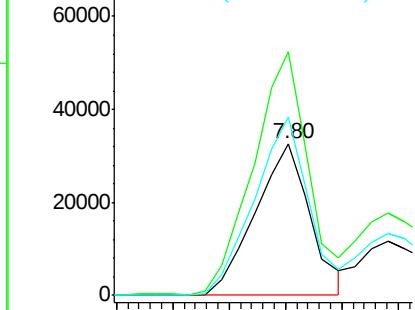
#35
 Caprolactam
 Concen: 20.47 ng
 RT: 7.80 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 43848
 Ion Ratio Lower Upper
 113 100
 55 160.2 150.2 190.2
 56 117.1 107.8 147.8

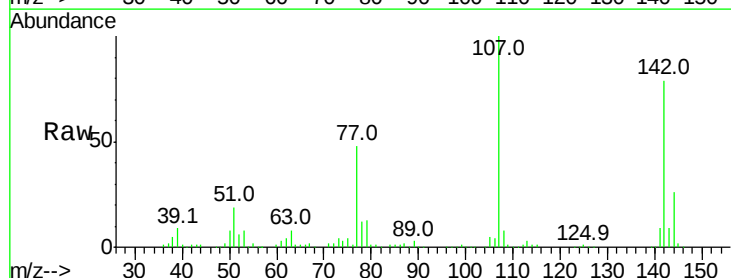


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

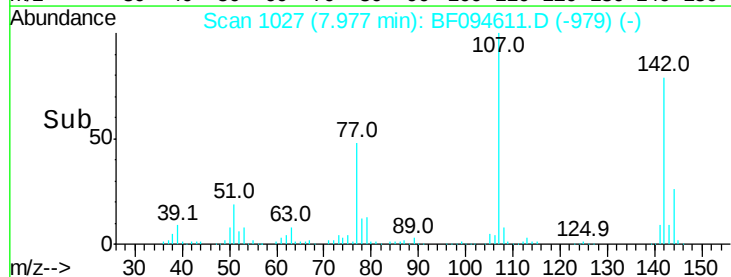
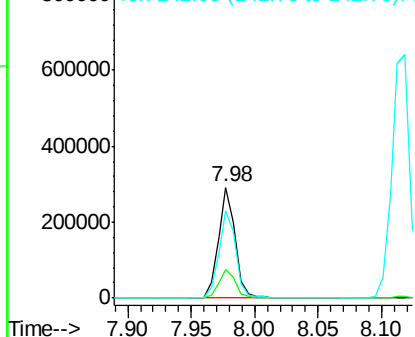


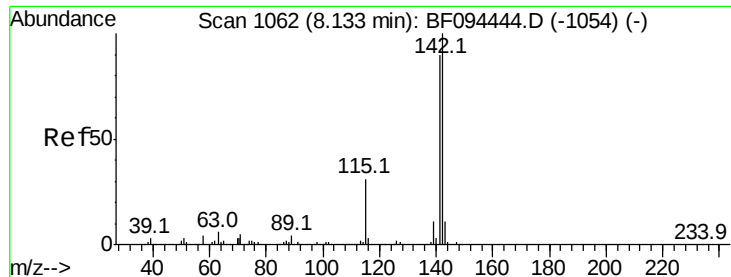
#36
 4-Chloro-3-methylphenol
 Concen: 38.32 ng
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:107 Resp: 273755
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 79.4 73.4 110.0



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





#37

2-Methylnaphthalene

Concen: 39.08 ng

RT: 8.12 min Scan# 1051

Delta R.T. -0.01 min

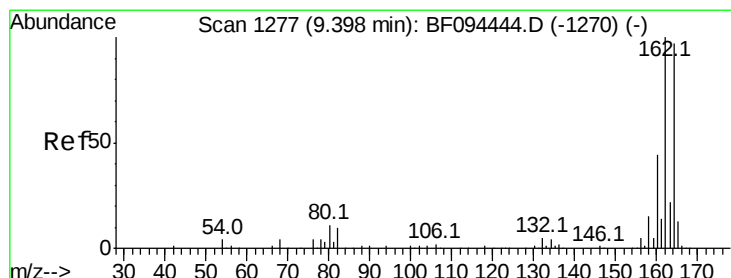
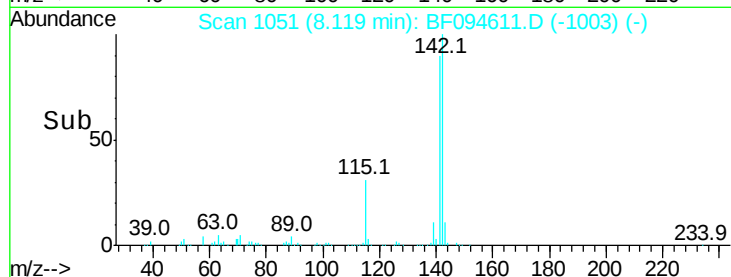
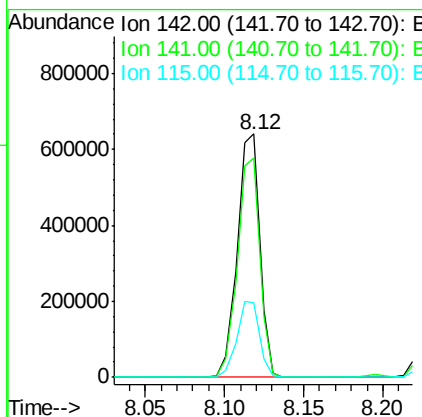
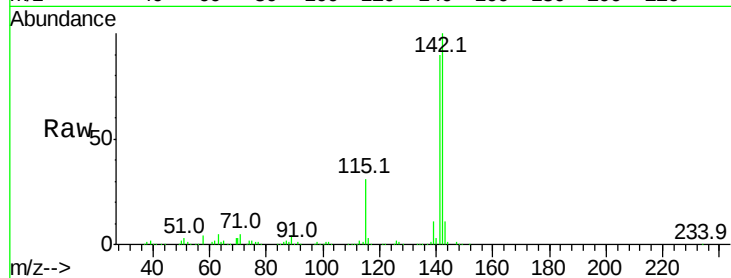
Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 632832

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	30.7	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 1266

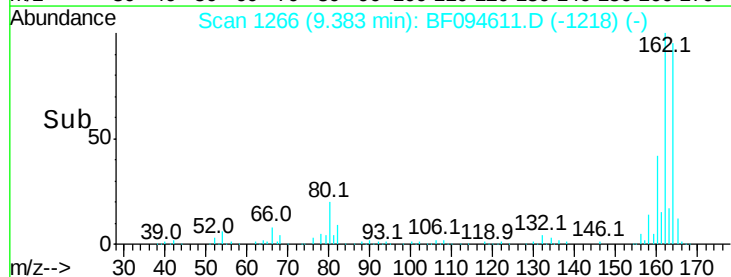
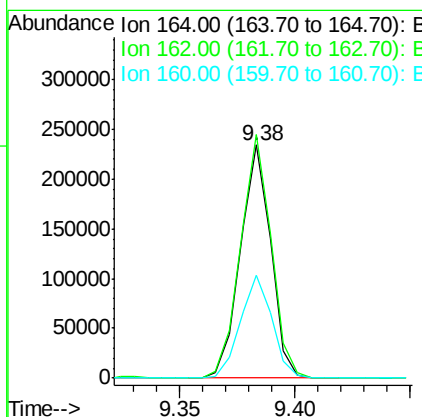
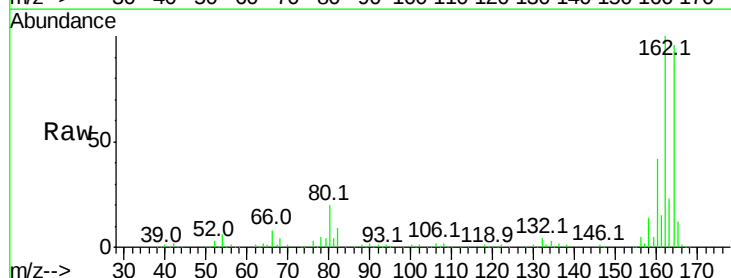
Delta R.T. -0.01 min

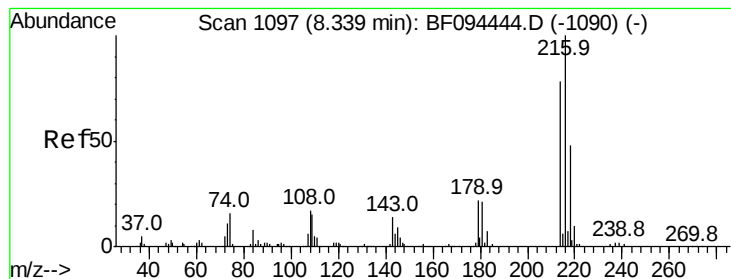
Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Tgt Ion:164 Resp: 214503

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	44.2	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.80 ng

RT: 8.32 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 249187

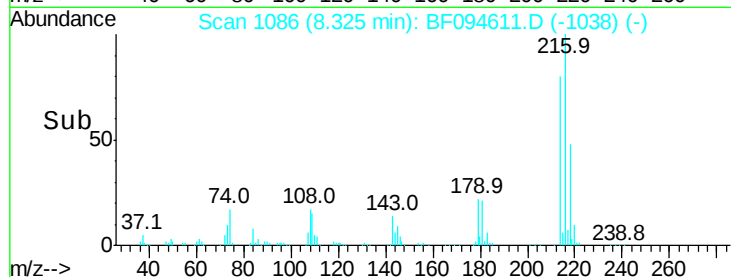
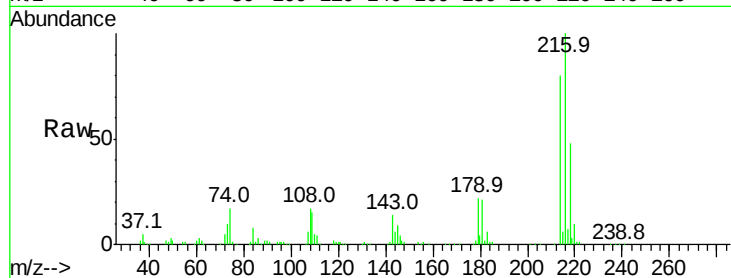
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.0 17.9 26.9

108 19.1 16.5 24.7



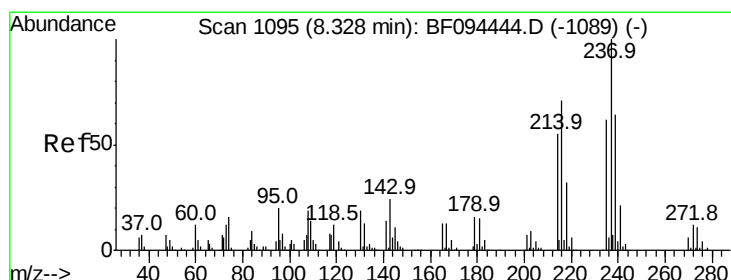
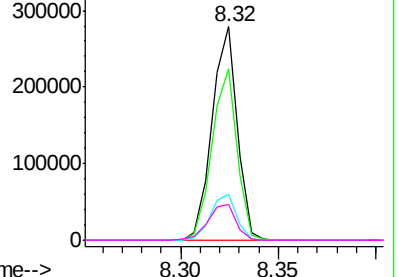
Abundance Ion 216.00 (215.70 to 216.70): E

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

Time-->



#40

Hexachlorocyclopentadiene

Concen: 29.74 ng

RT: 8.31 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

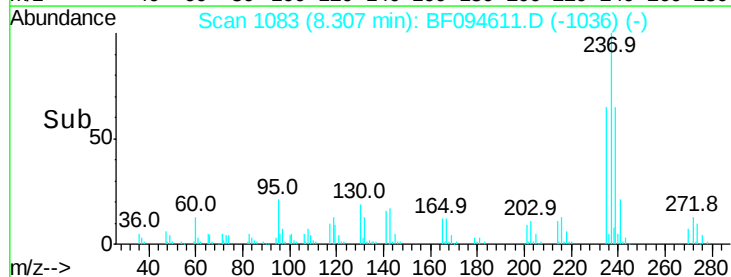
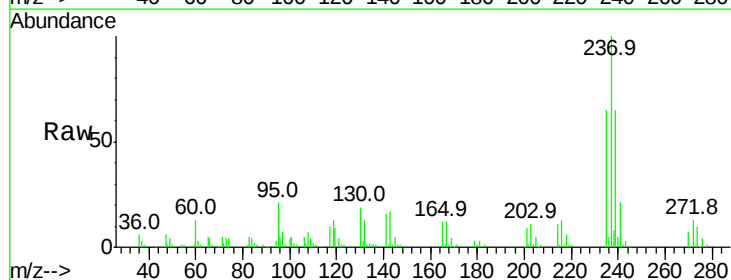
Tgt Ion:237 Resp: 73492

Ion Ratio Lower Upper

237 100

235 64.5 42.6 82.6

272 12.5 0.0 31.9

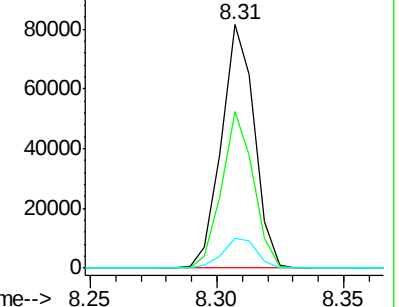


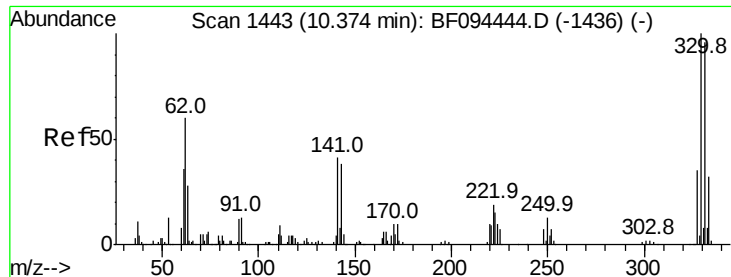
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->

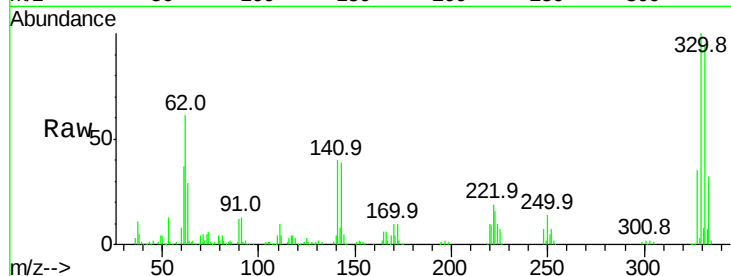




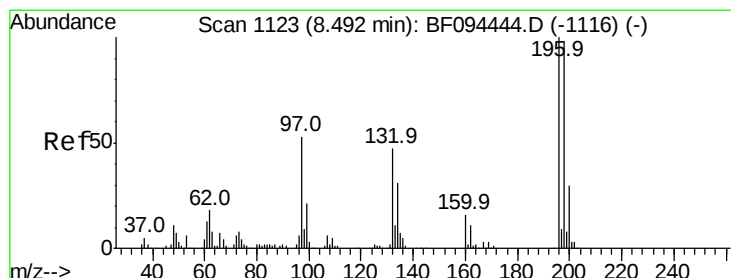
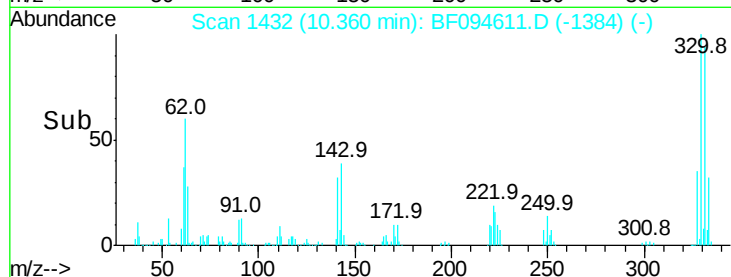
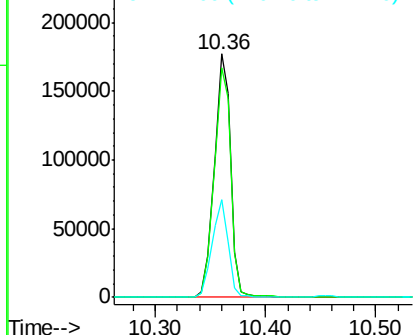
#41
 2,4,6-Tribromophenol
 Concen: 107.14 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 179761
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.9 31.4 47.2

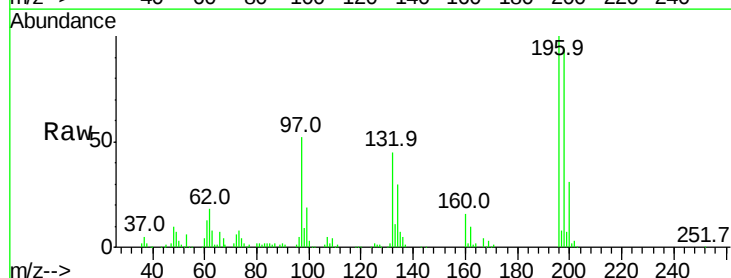


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

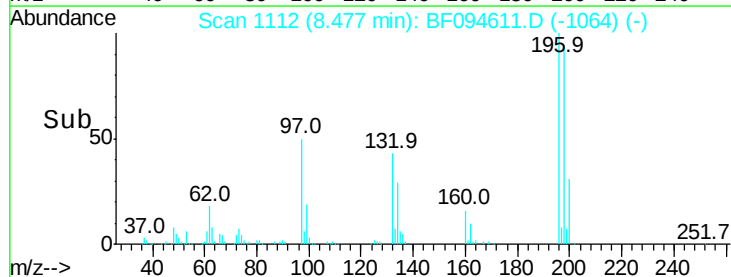
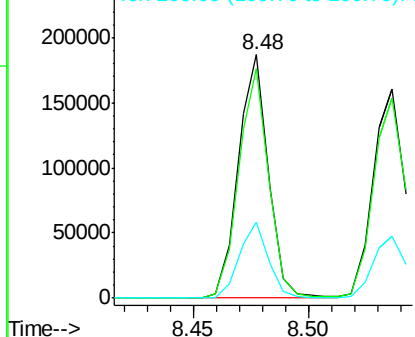


#42
 2,4,6-Trichlorophenol
 Concen: 39.43 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:196 Resp: 169147
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.2 111.4
 200 31.3 24.0 36.0



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

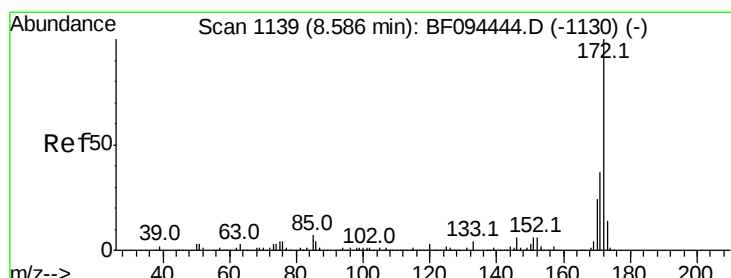
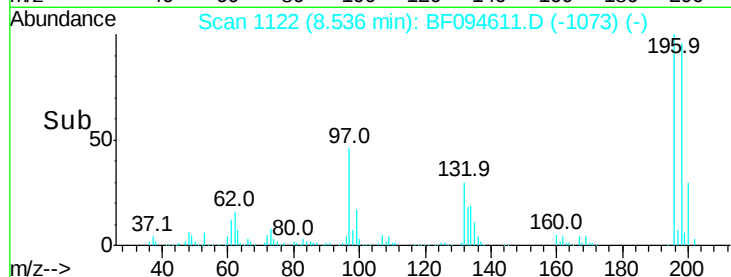
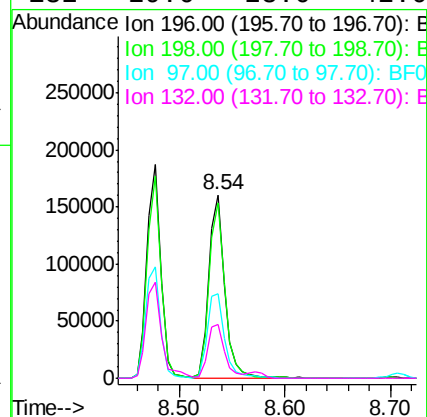
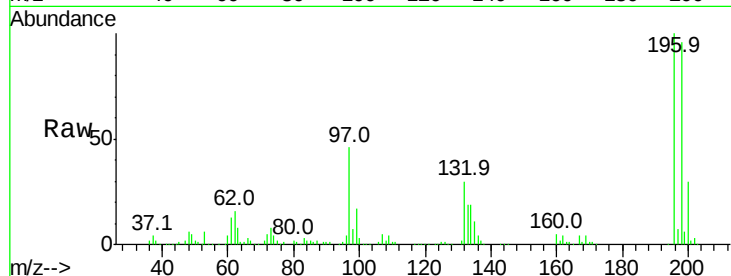




#43
 2,4,5-Trichlorophenol
 Concen: 38.37 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

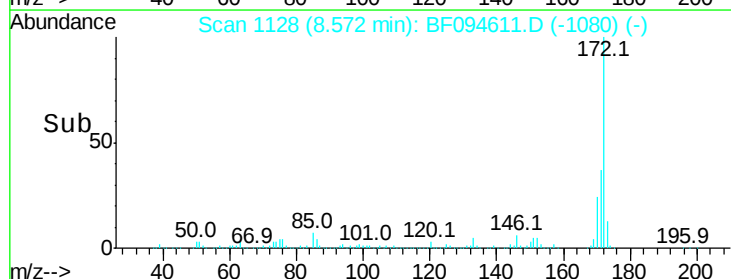
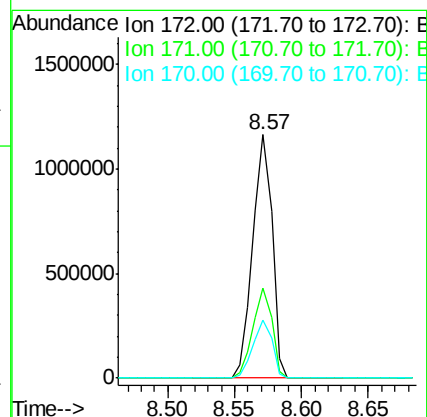
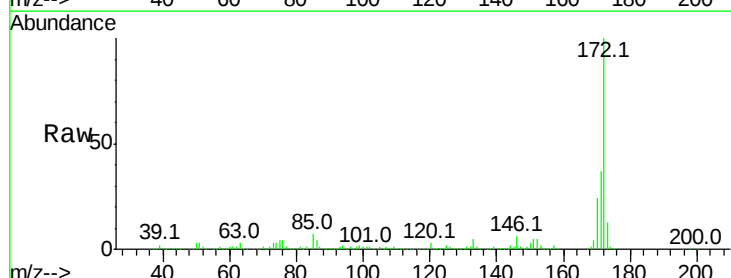
Instrument :
 BNA_F
 ClientSampleId :

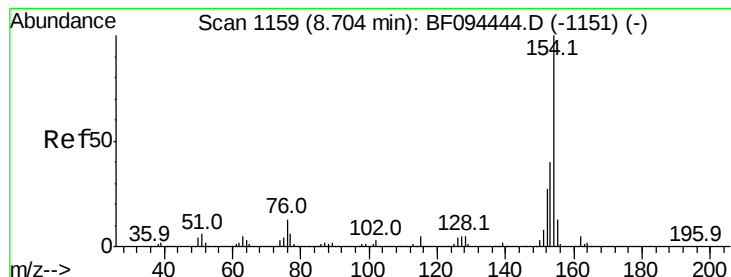
Tot Ion:	196	Resp:	169017
Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
97	46.4	47.7	71.5#
132	29.6	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 79.45 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:	172	Resp:	1158220
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.8	19.8	29.8

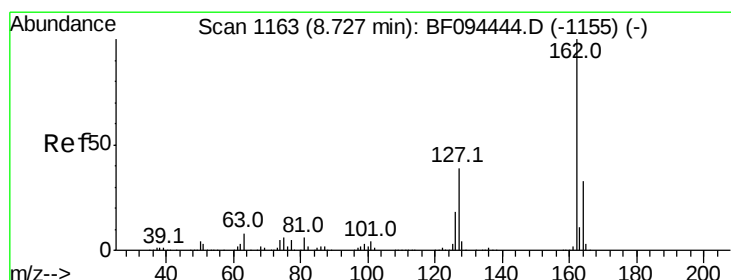
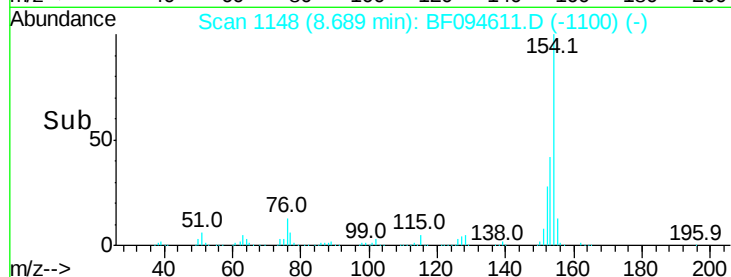
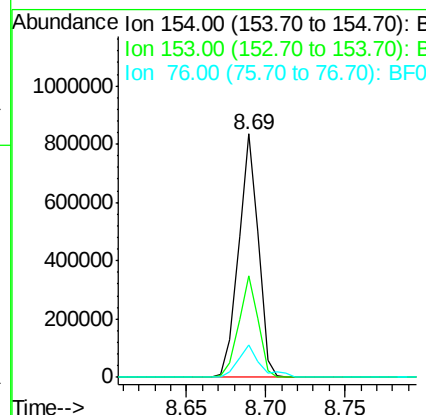
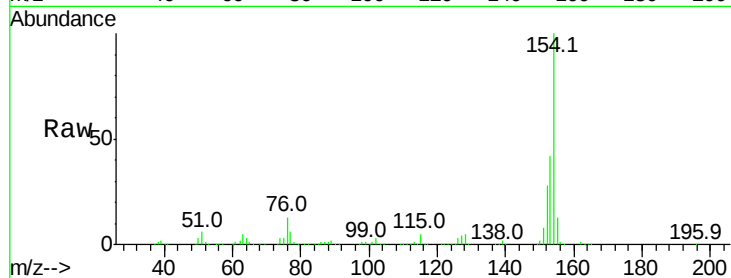




#45
 1,1'-Biphenyl
 Concen: 40.80 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

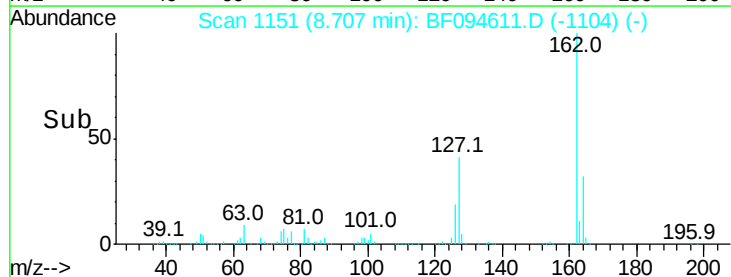
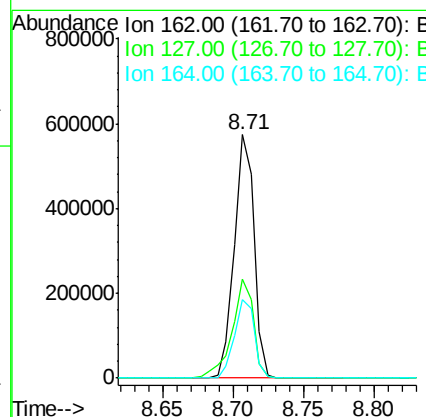
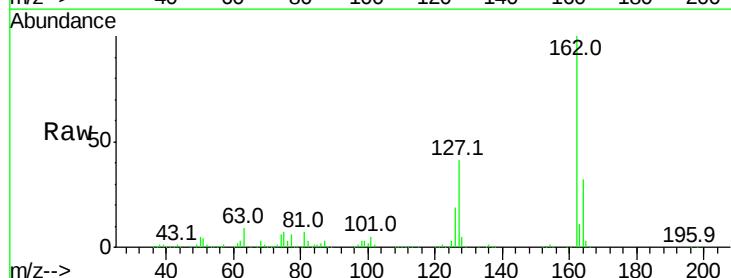
Instrument :
 BNA_F
 ClientSampleId :

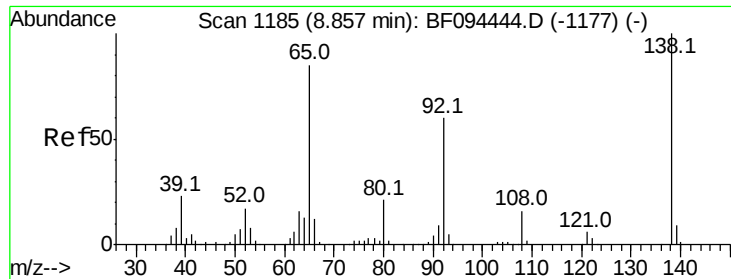
Tot Ion:154 Resp: 715001
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.2 61.2
 76 13.3 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 40.16 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:162 Resp: 559643
 Ion Ratio Lower Upper
 162 100
 127 40.8 28.3 42.5
 164 32.0 27.0 40.4

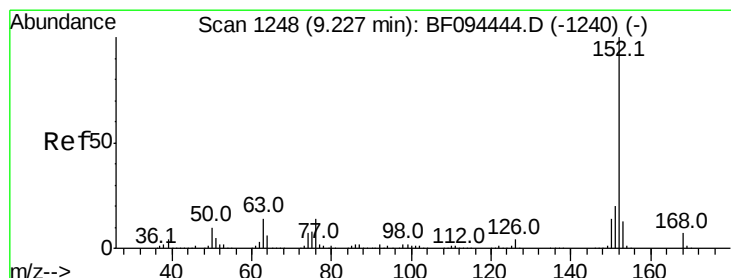
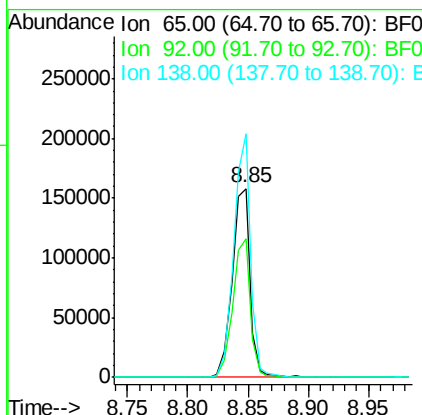
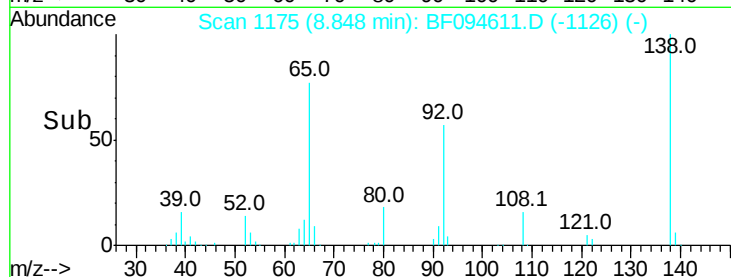
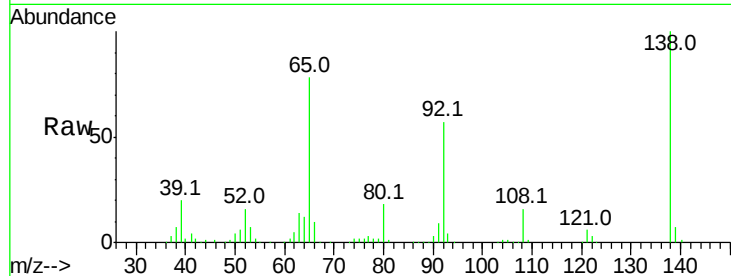




#47
 2-Nitroaniline
 Concen: 40.95 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

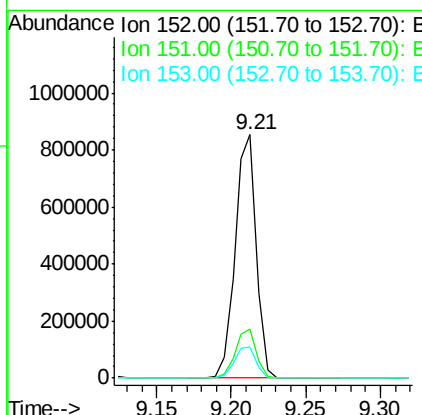
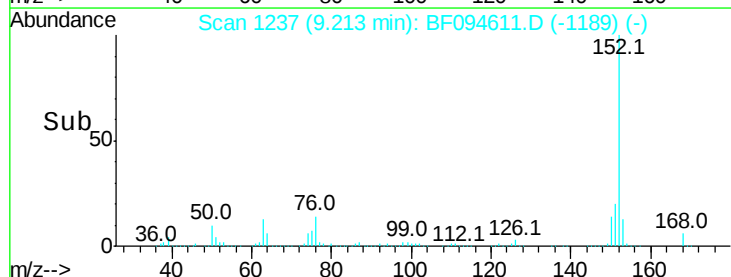
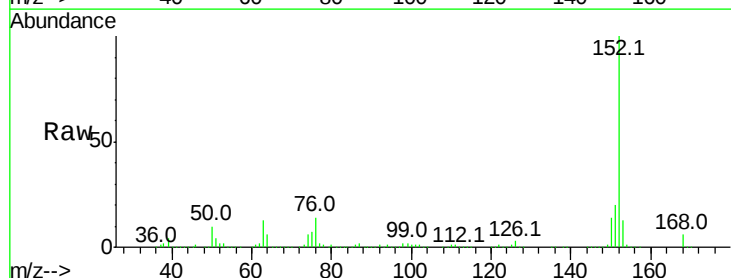
Instrument :
 BNA_F
 ClientSampleId :

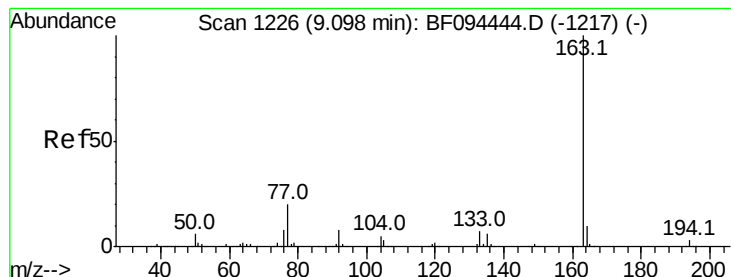
Tot Ion: 65 Resp: 164164
 Ion Ratio Lower Upper
 65 100
 92 73.6 53.9 80.9
 138 128.9 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.73 ng
 RT: 9.21 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:152 Resp: 841382
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.8 25.2
 153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 49.45 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

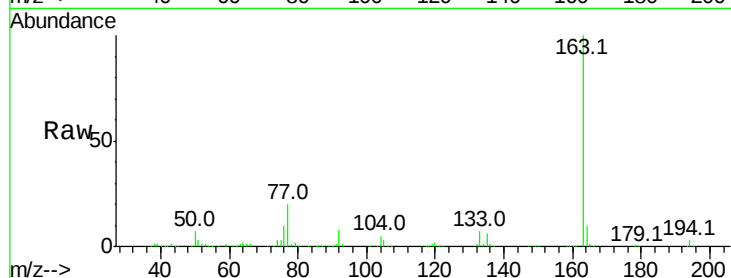
Tot Ion:163 Resp: 790477

Ion Ratio Lower Upper

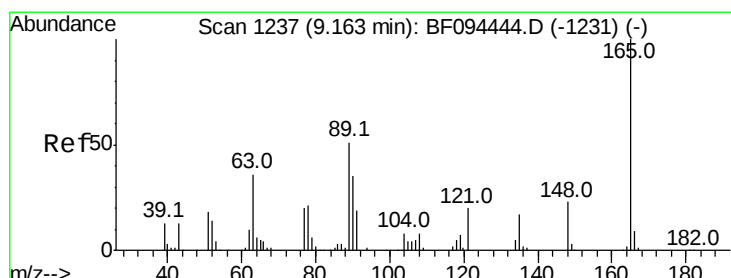
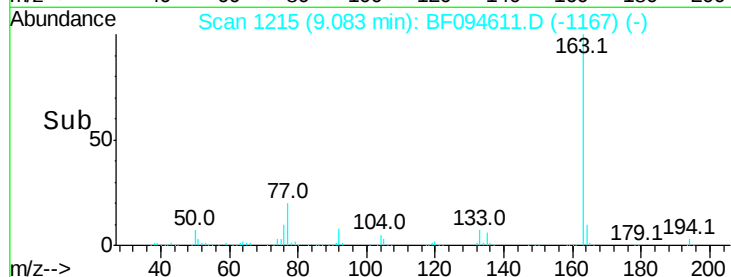
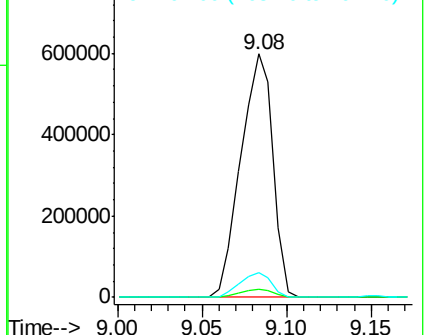
163 100

194 3.4 2.6 4.0

164 10.2 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 39.64 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

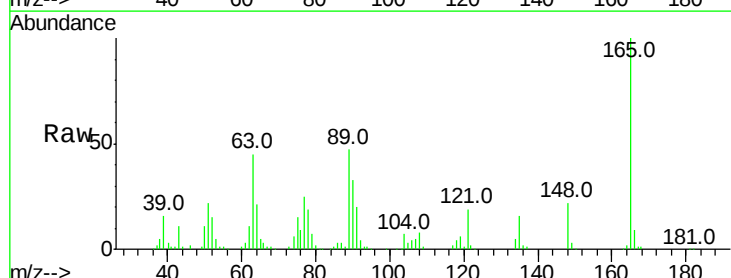
Tgt Ion:165 Resp: 142230

Ion Ratio Lower Upper

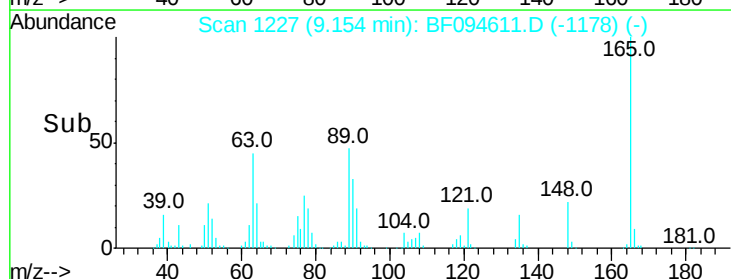
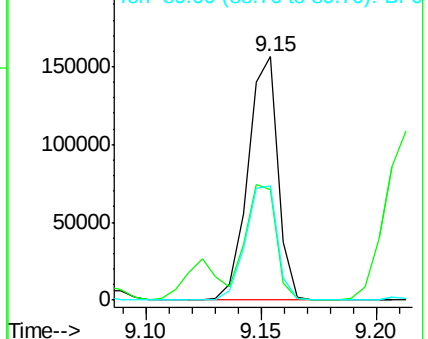
165 100

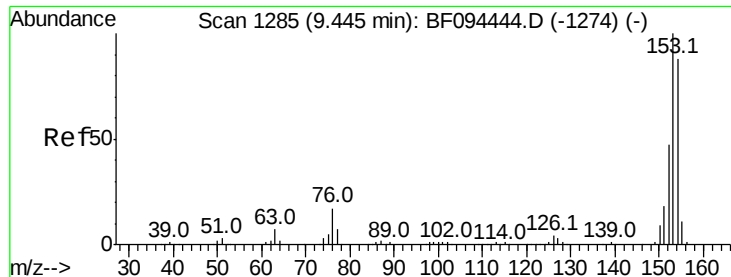
63 45.3 34.3 51.5

89 46.7 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: 39.15 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

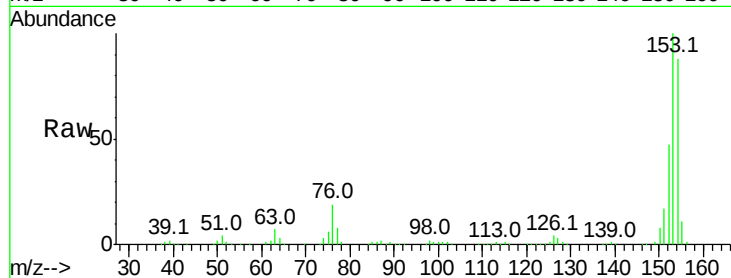
Tot Ion:154 Resp: 509357

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

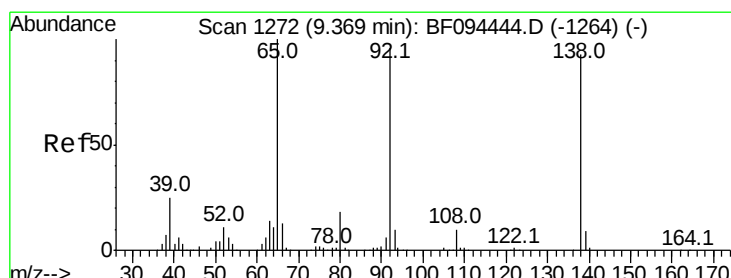
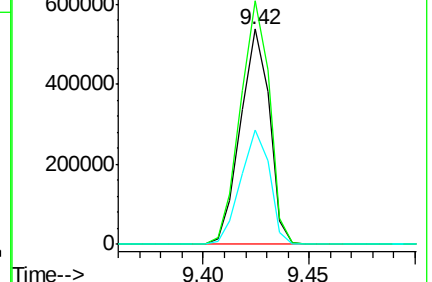
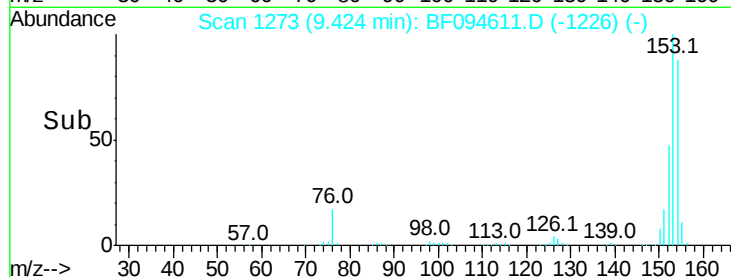
152 53.3 43.6 65.4



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: 31.05 ng

RT: 9.35 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

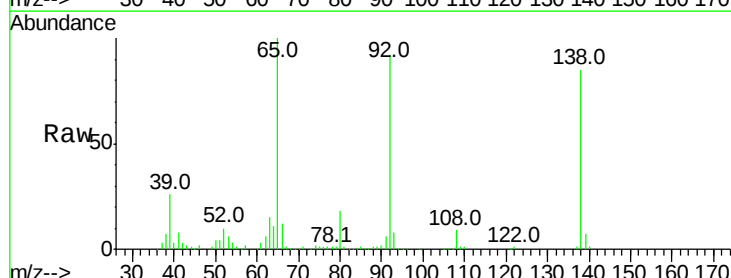
Tgt Ion:138 Resp: 128882

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

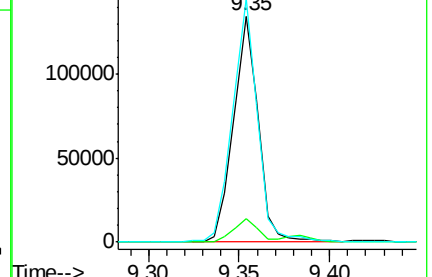
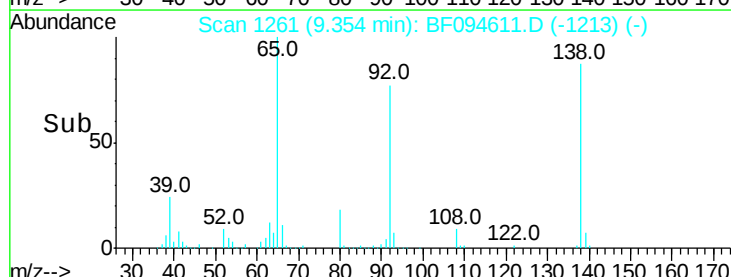
92 107.7 93.8 140.6

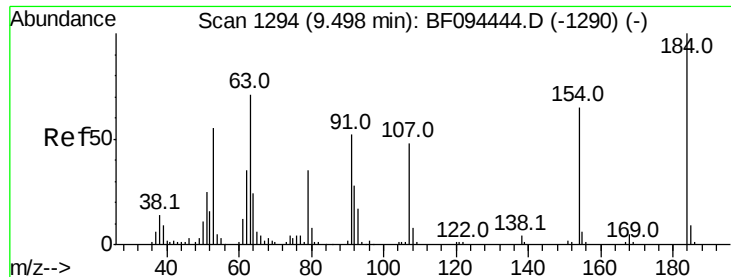


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

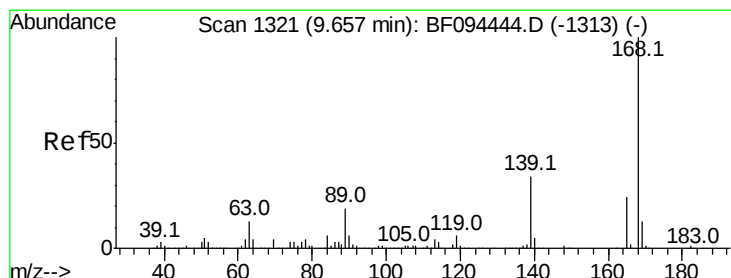
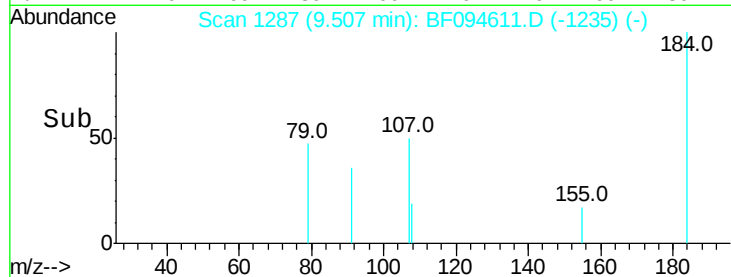
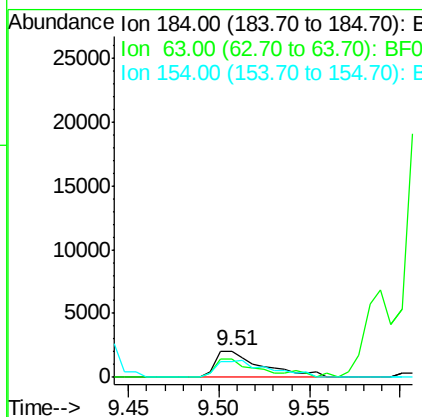
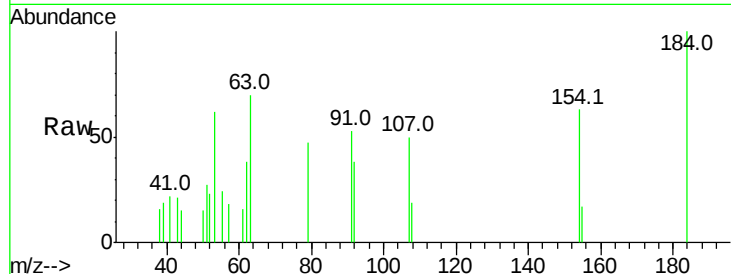




#53
 2,4-Dinitrophenol
 Concen: 7.49 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

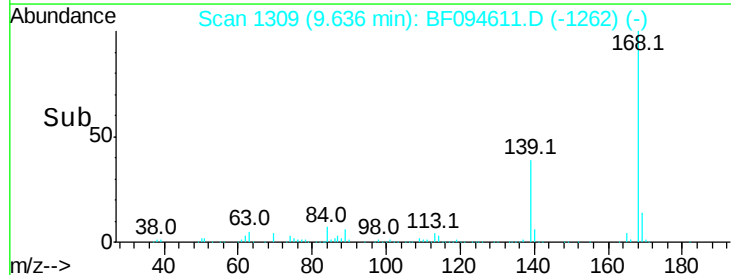
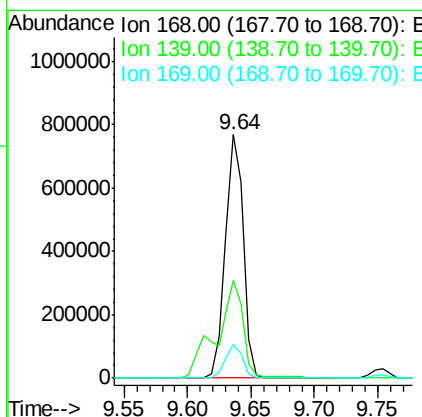
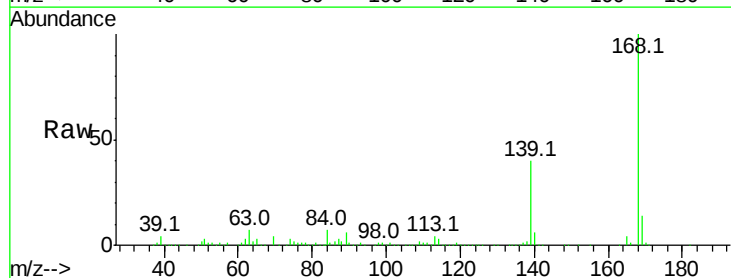
Instrument :
 BNA_F
 ClientSampled :

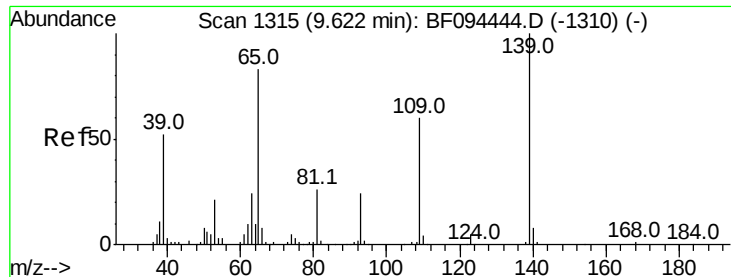
Tot Ion:184 Resp: 3643
 Ion Ratio Lower Upper
 184 100
 63 70.0 62.7 94.1
 154 62.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.54 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:168 Resp: 747699
 Ion Ratio Lower Upper
 168 100
 139 40.0 30.6 45.8
 169 13.9 10.8 16.2

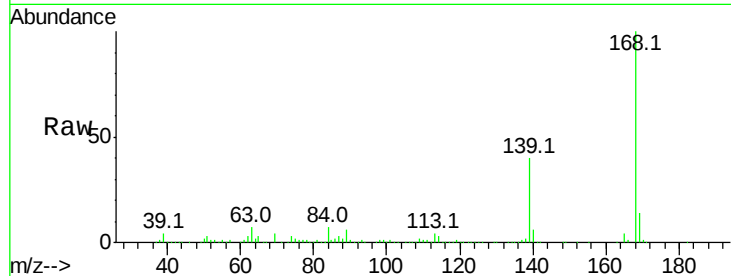




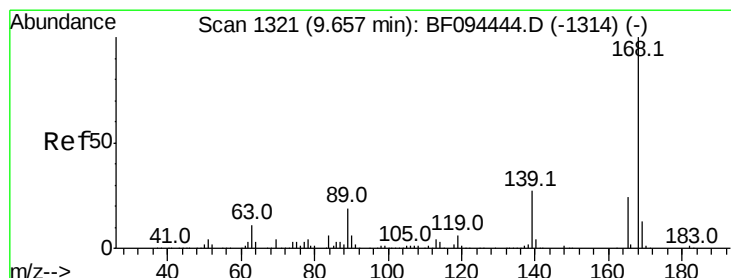
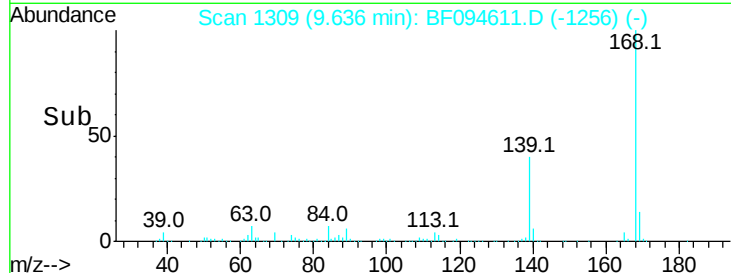
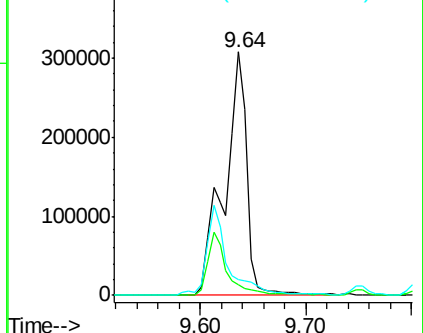
#55
4-Nitrophenol
Concen: 154.48 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 453050
Ion Ratio Lower Upper
139 100
109 4.3 34.1 74.1#
65 6.6 31.4 71.4#



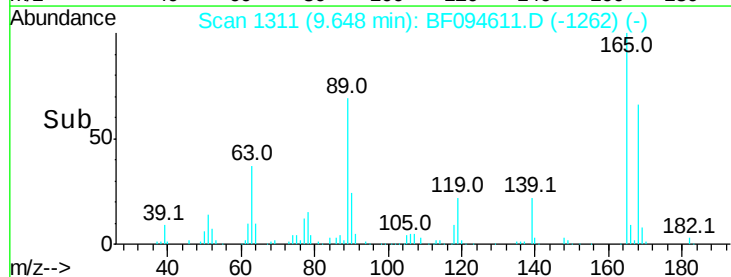
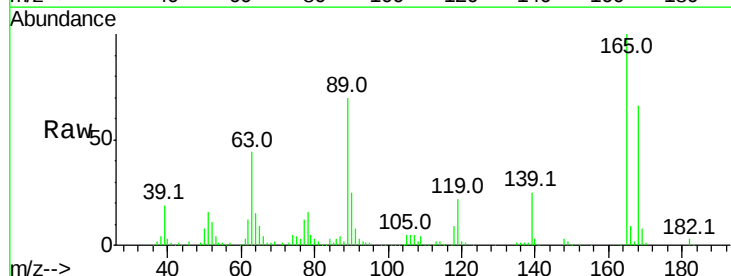
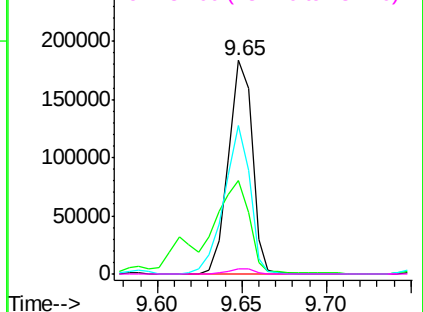
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

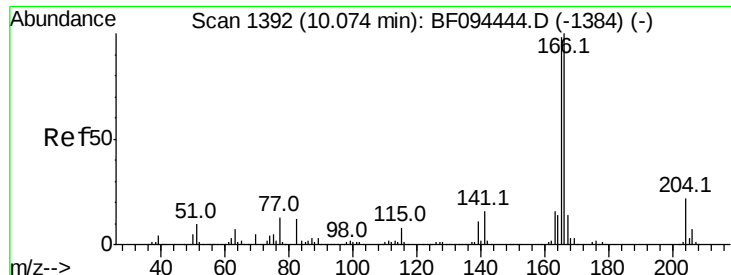


#56
2,4-Dinitrotoluene
Concen: 40.80 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion:165 Resp: 179630
Ion Ratio Lower Upper
165 100
63 43.9 25.4 38.0#
89 69.5 46.4 69.6
182 2.5 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

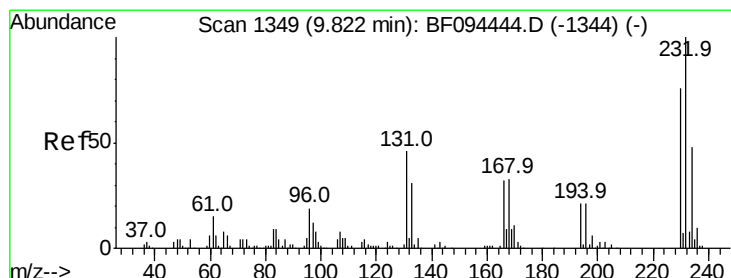
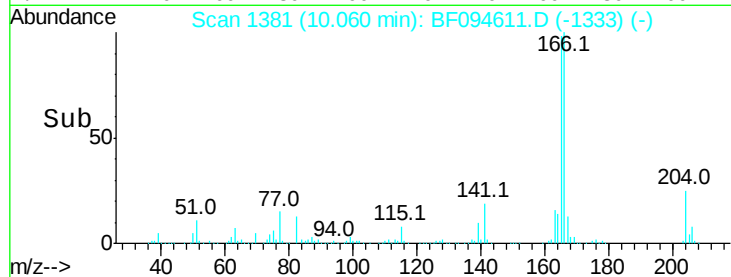
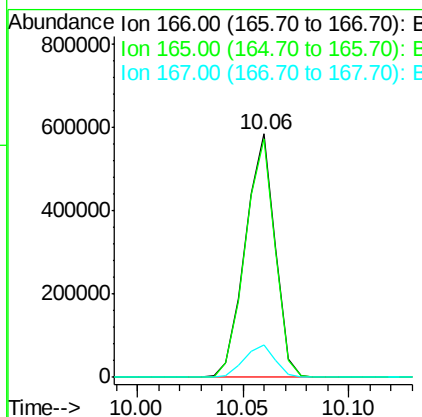
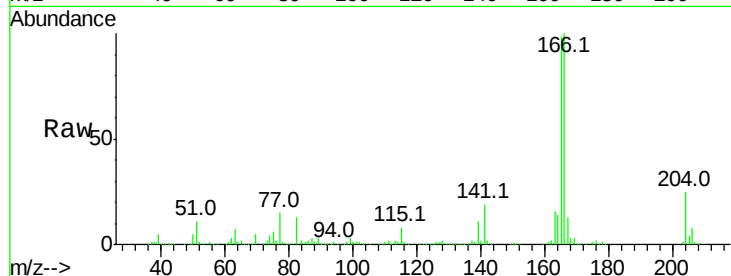




#57
 Fluorene
 Concen: 38.56 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

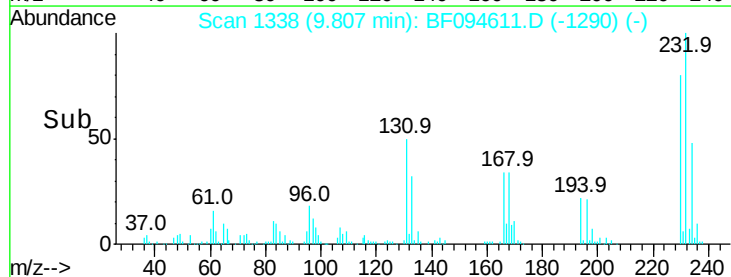
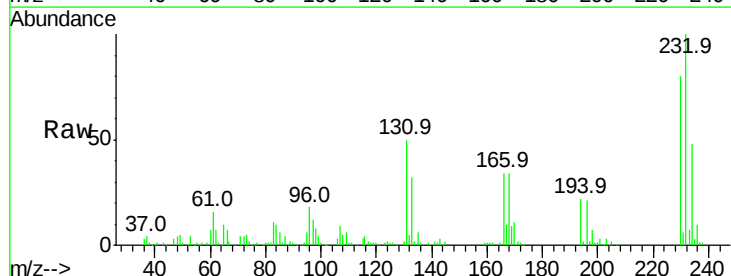
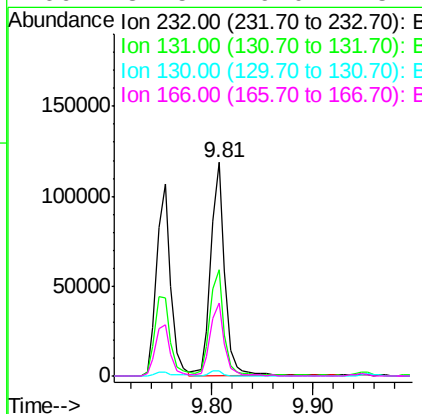
Instrument :
 BNA_F
 ClientSampleId :

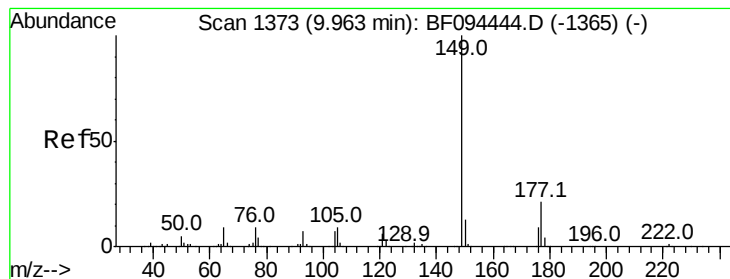
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.8	118.2
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.28 ng
 RT: 9.81 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
232	100		
231	49.3	44.8	67.2
130	2.3	2.3	3.5
166	34.5	29.0	43.4





#59

Diethylphthalate

Concen: 41.35 ng

RT: 9.95 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

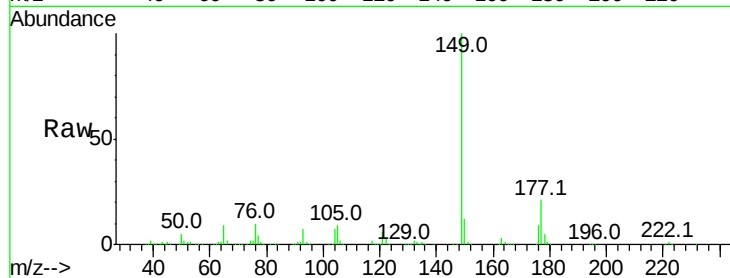
Tot Ion:149 Resp: 623683

Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

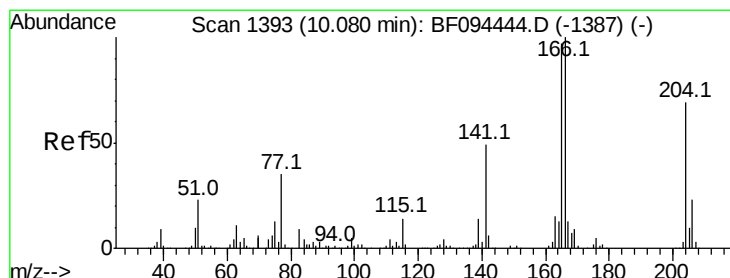
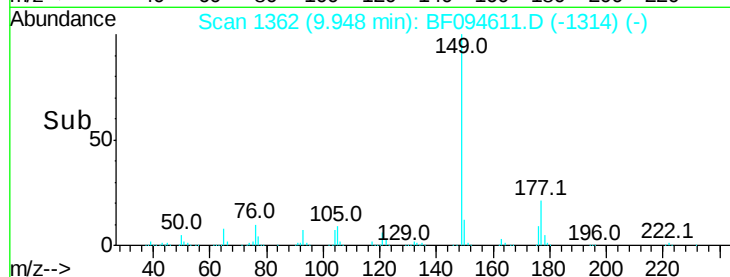
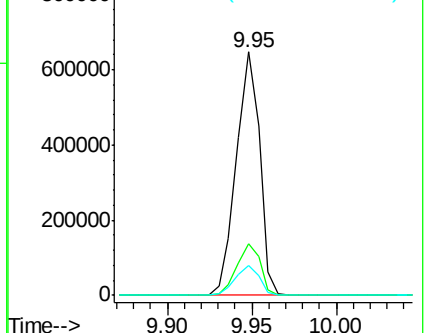
150 12.5 10.2 15.2



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: 40.93 ng

RT: 10.07 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

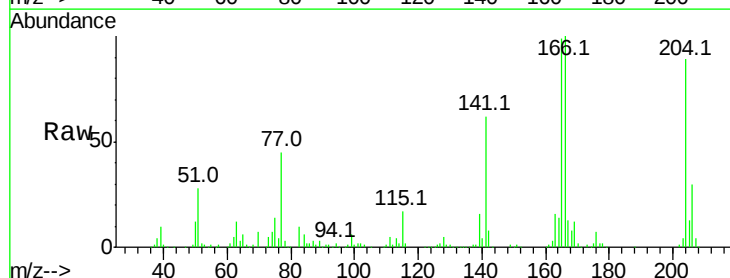
Tgt Ion:204 Resp: 250811

Ion Ratio Lower Upper

204 100

206 34.1 26.2 39.2

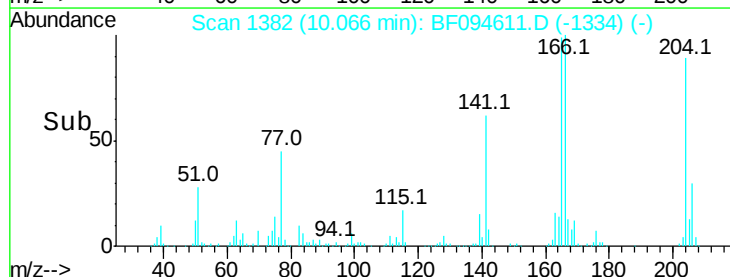
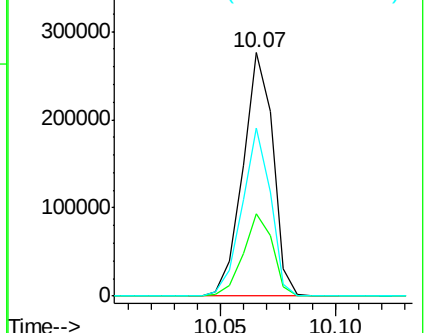
141 69.2 60.8 91.2

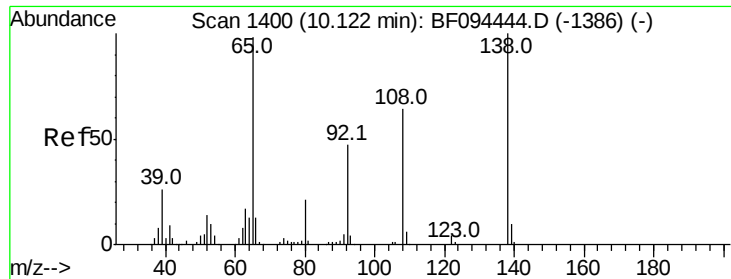


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.51 ng

RT: 10.11 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampled :

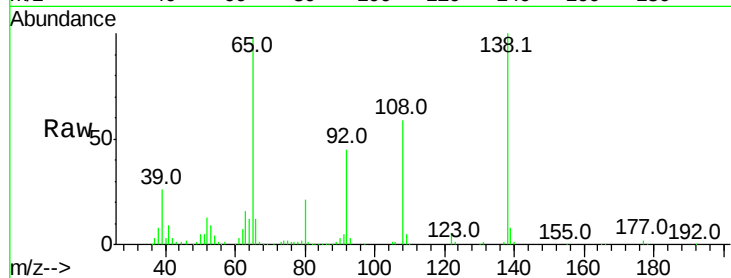
Tot Ion:138 Resp: 141408

Ion Ratio Lower Upper

138 100

92 45.4 21.8 61.8

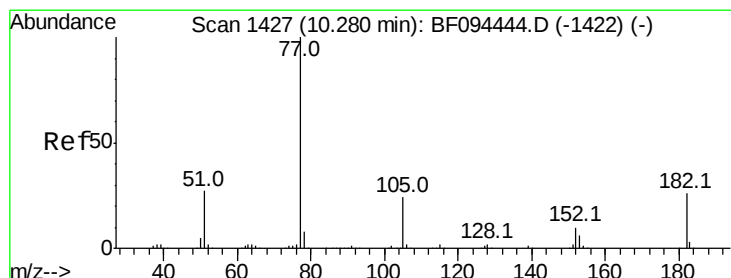
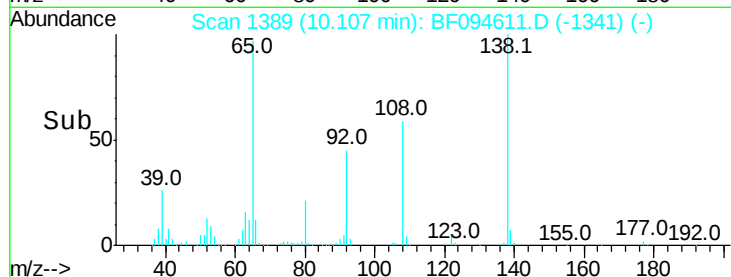
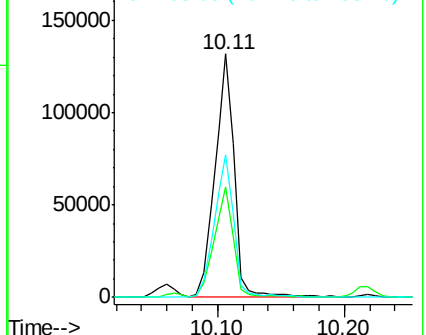
108 58.6 42.3 82.3



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: 40.15 ng

RT: 10.26 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Tgt Ion: 77 Resp: 587945

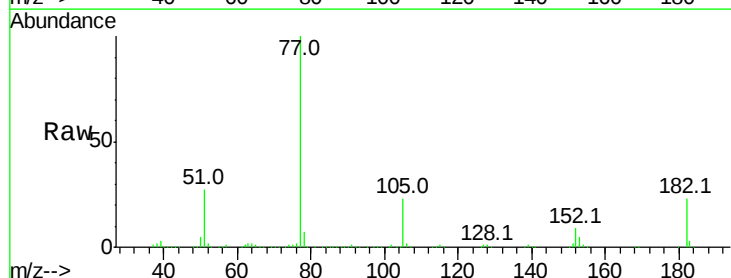
Ion Ratio Lower Upper

77 100

182 22.9 0.1 40.1

105 23.2 3.6 43.6

51 27.4 9.4 49.4

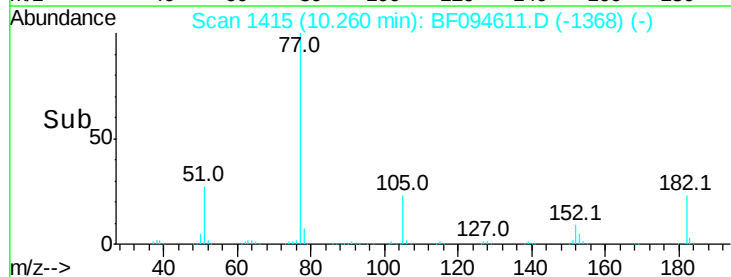
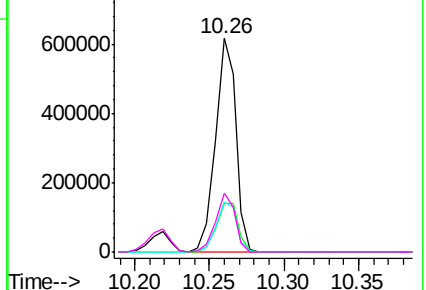


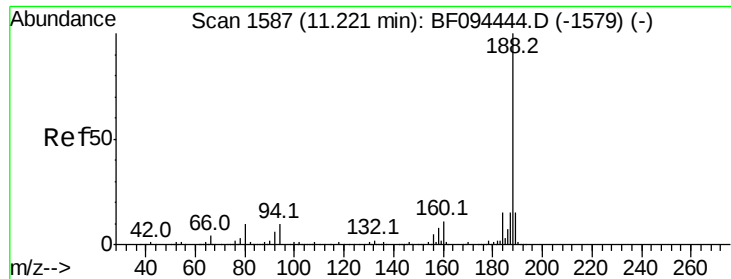
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

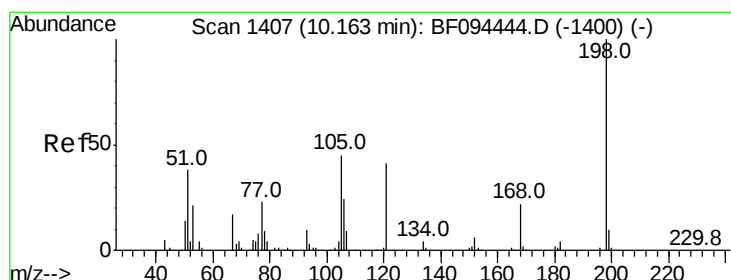
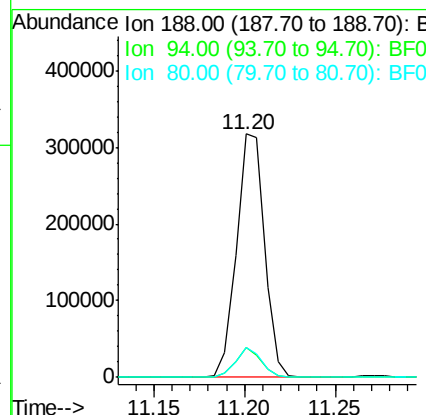
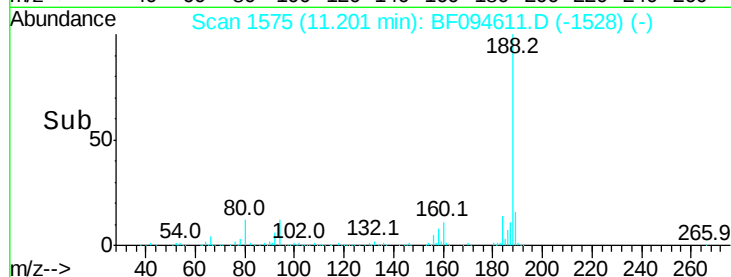
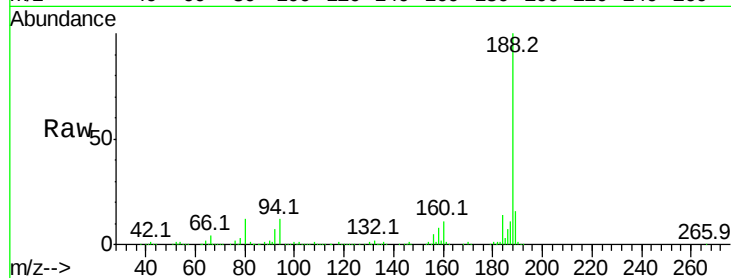




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

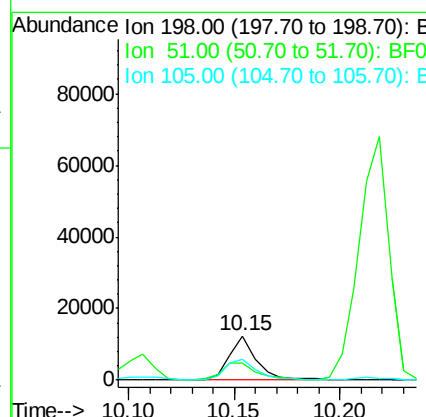
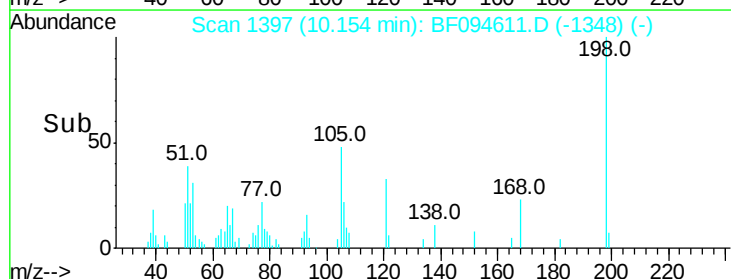
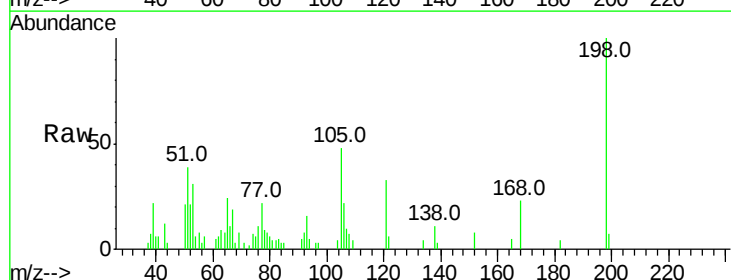
Instrument :
BNA_F
ClientSampleId :

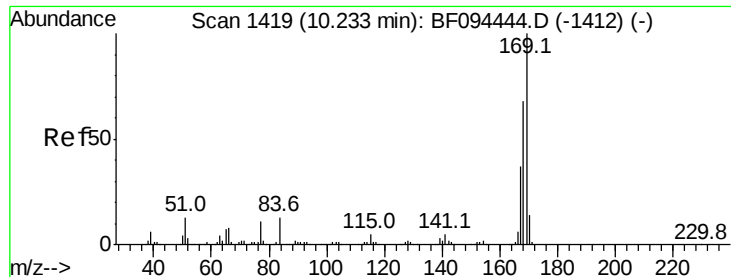
Tot Ion:188 Resp: 341419
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 4.89 ng
RT: 10.15 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion:198 Resp: 10948
Ion Ratio Lower Upper
198 100
51 39.4 53.2 93.2#
105 48.1 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 44.08 ng

RT: 10.22 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

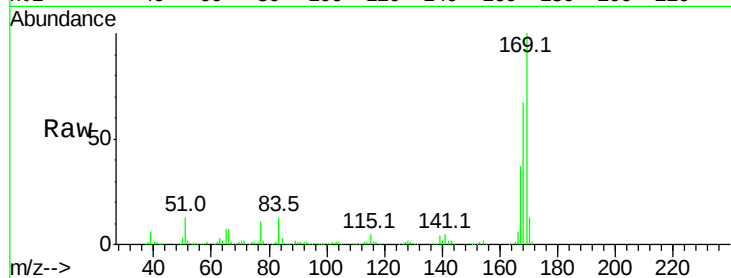
Tot Ion:169 Resp: 523456

Ion Ratio Lower Upper

169 100

168 67.1 53.2 79.8

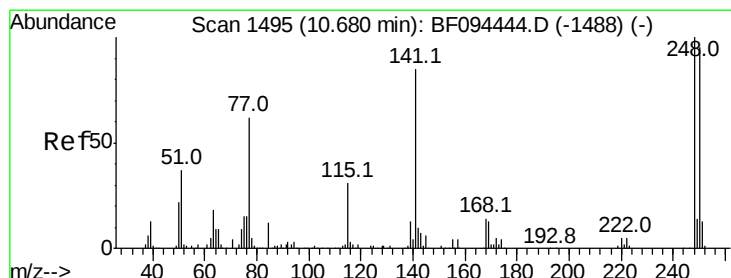
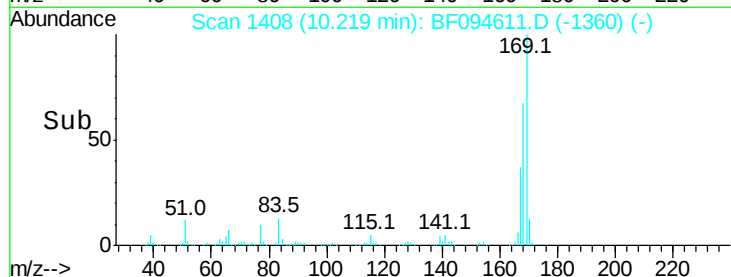
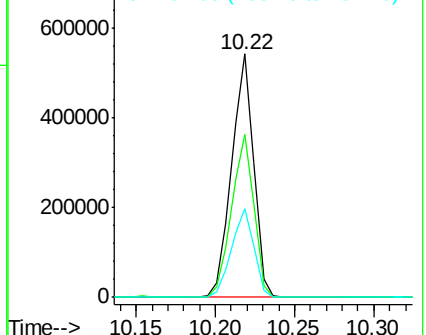
167 36.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.12 ng

RT: 10.67 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

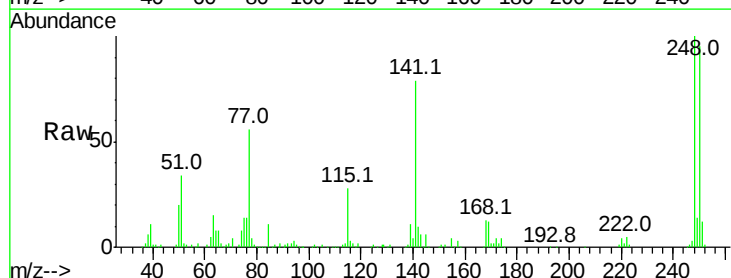
Tgt Ion:248 Resp: 149584

Ion Ratio Lower Upper

248 100

250 94.7 76.8 115.2

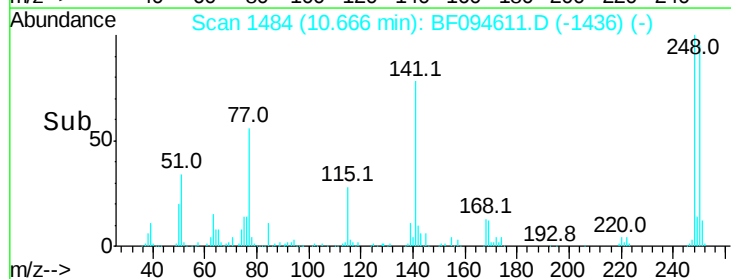
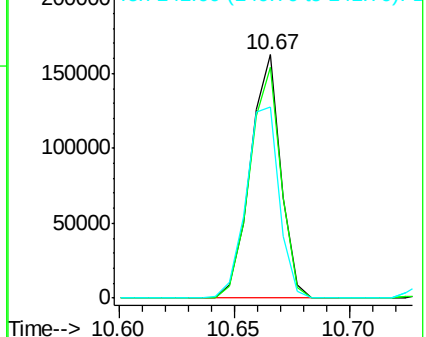
141 78.6 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

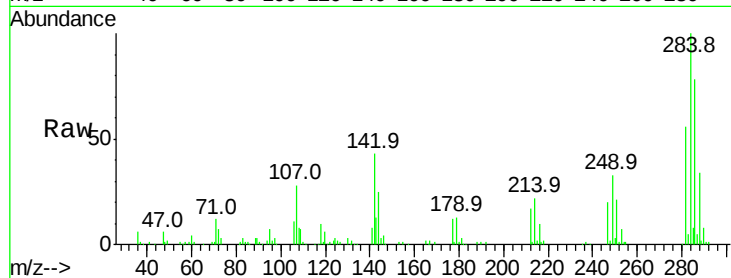




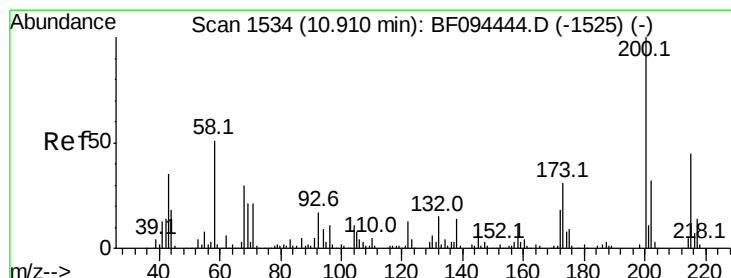
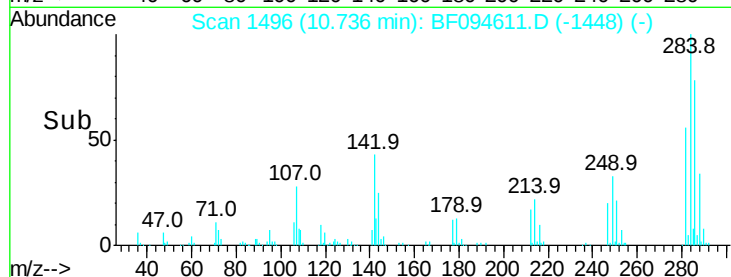
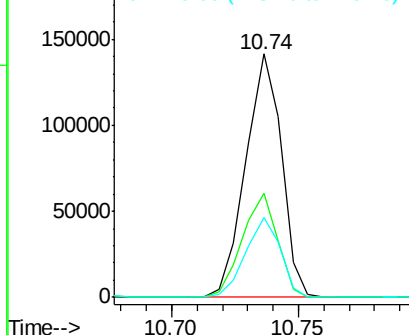
#67
Hexachlorobenzene
Concen: 40.72 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 139115
Ion Ratio Lower Upper
284 100
142 42.7 22.8 34.2#
249 32.6 24.0 36.0

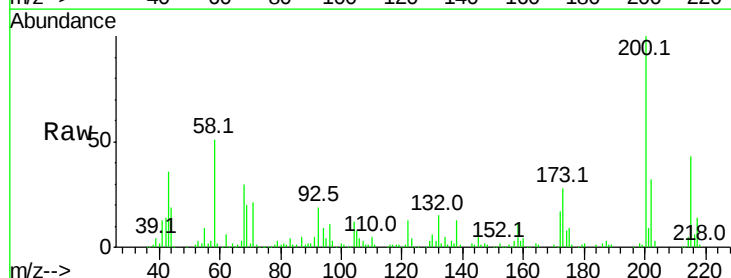


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

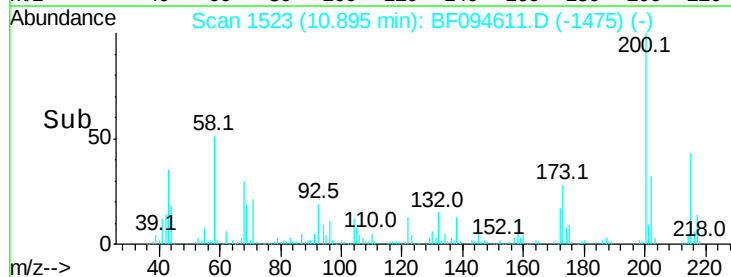
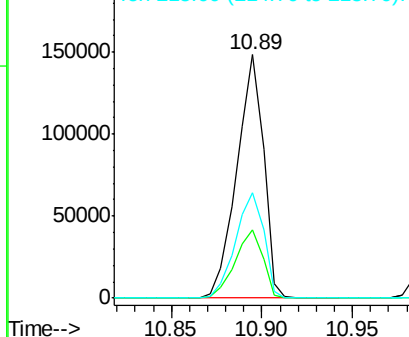


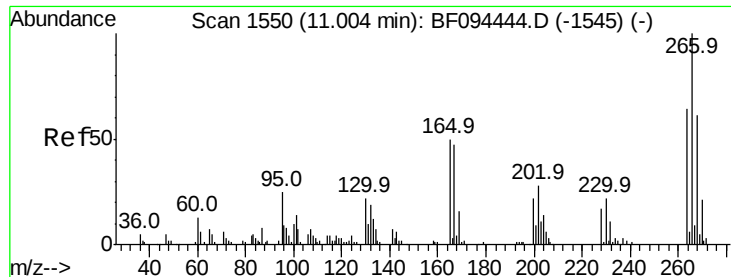
#68
Atrazine
Concen: 42.82 ng
RT: 10.89 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion:200 Resp: 152123
Ion Ratio Lower Upper
200 100
173 27.9 6.3 46.3
215 43.2 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

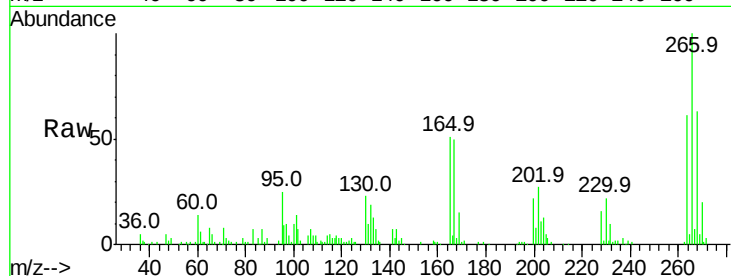




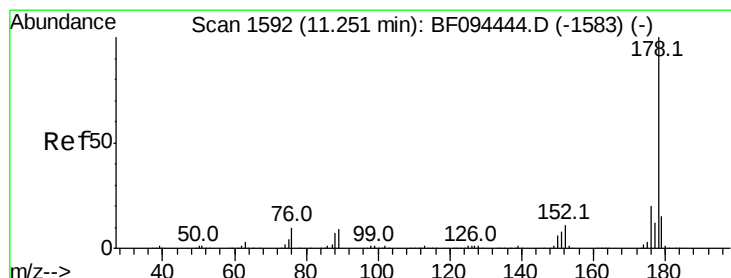
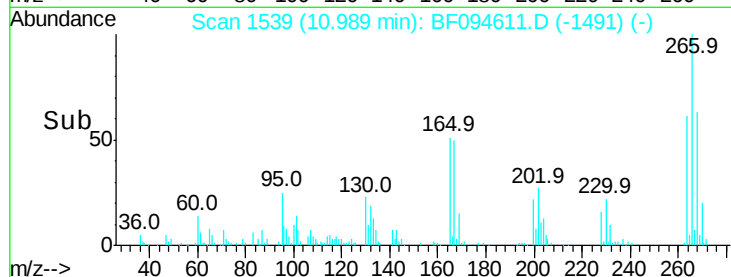
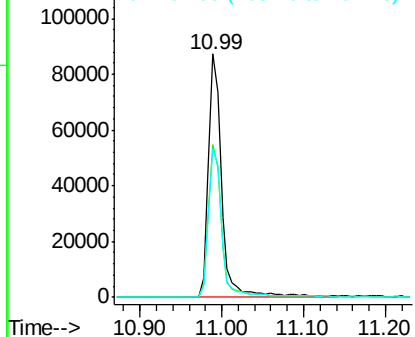
#69
 Pentachlorophenol
 Concen: 73.60 ng
 RT: 10.99 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 99844
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 61.0 51.7 77.5

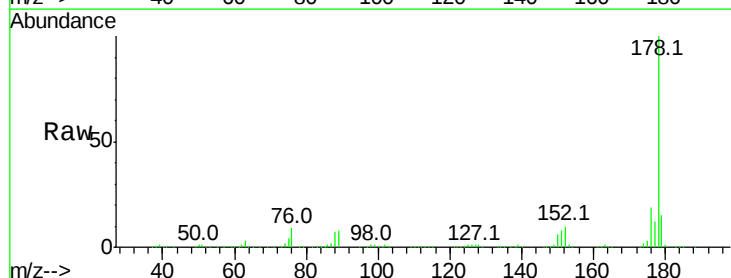


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

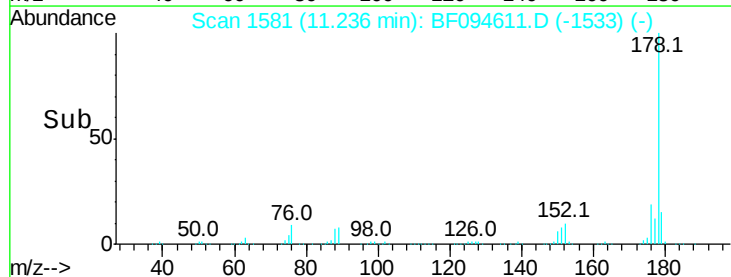
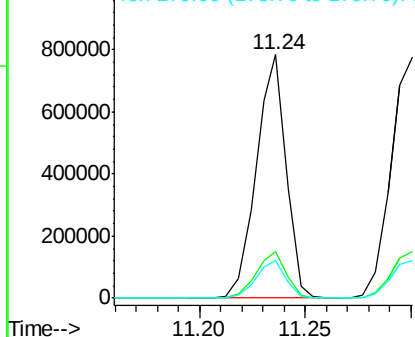


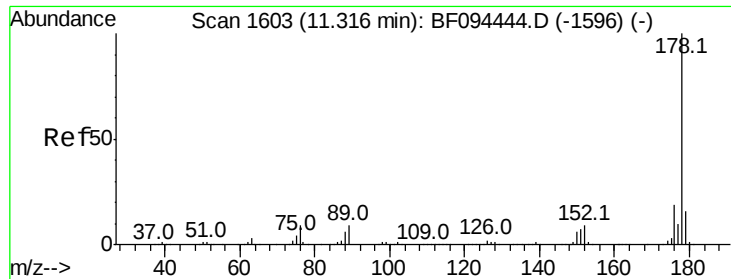
#70
 Phenanthrene
 Concen: 39.83 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:178 Resp: 765785
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.2 12.6 19.0



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

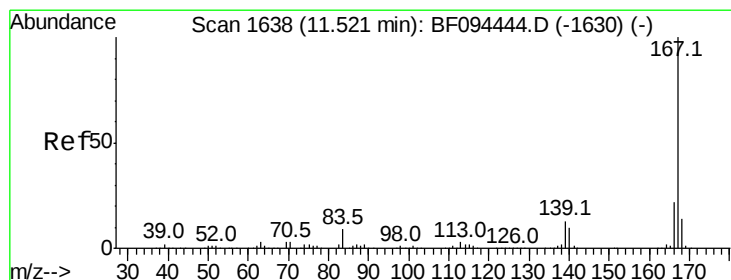
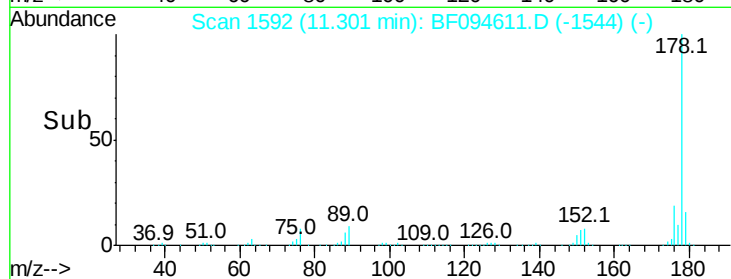
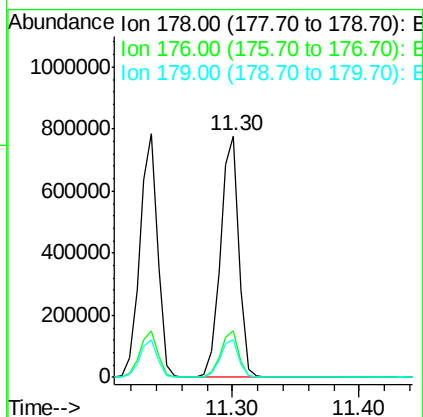
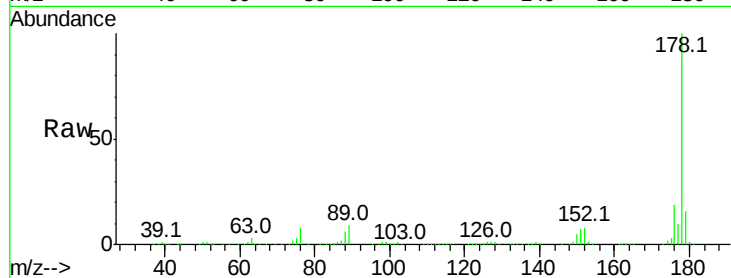




#71
 Anthracene
 Concen: 39.41 ng
 RT: 11.30 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

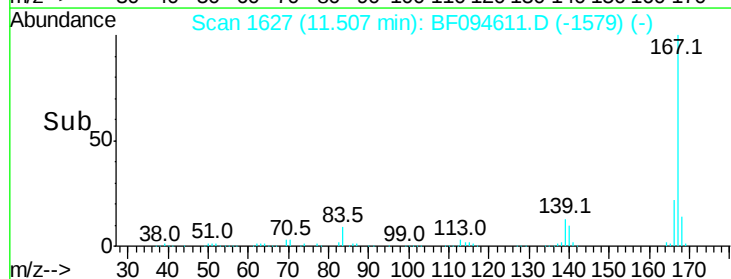
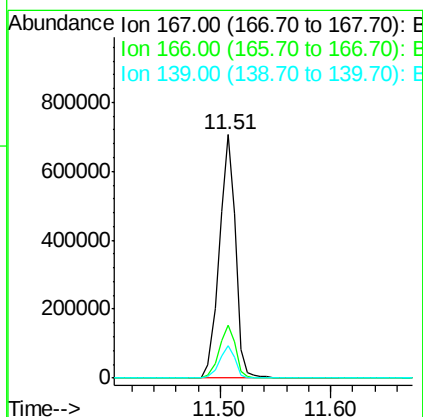
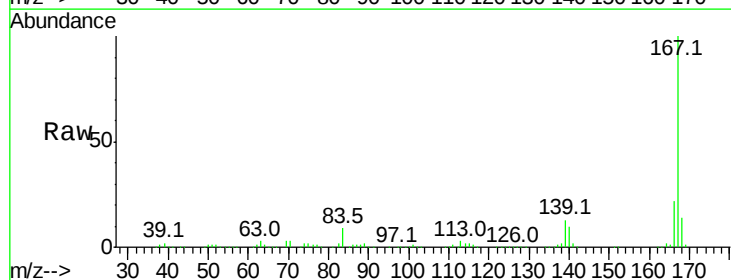
Instrument :
 BNA_F
 ClientSampled :

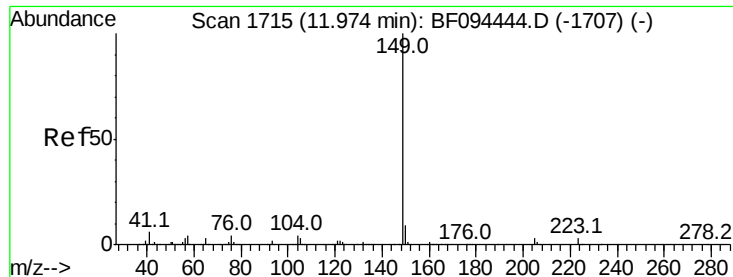
Tot Ion:178 Resp: 783863
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 38.51 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:167 Resp: 718915
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.42 ng

RT: 11.96 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

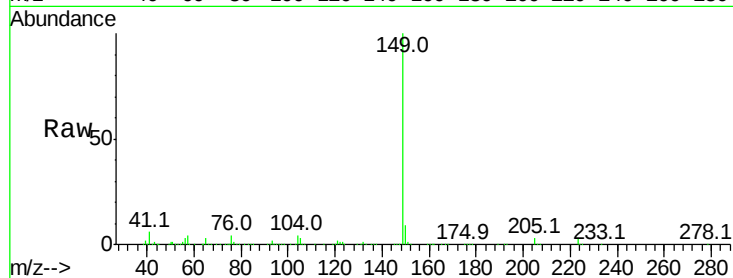
Tot Ion:149 Resp: 933422

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

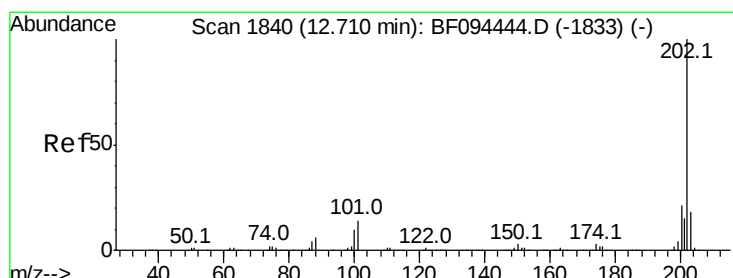
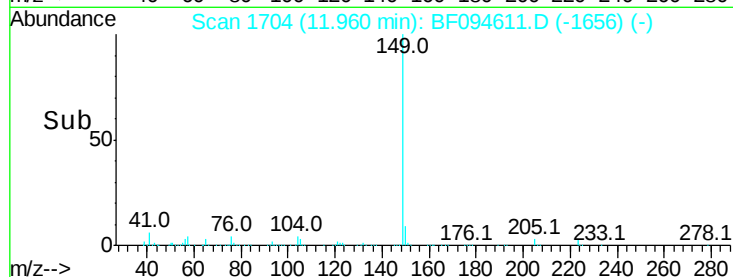
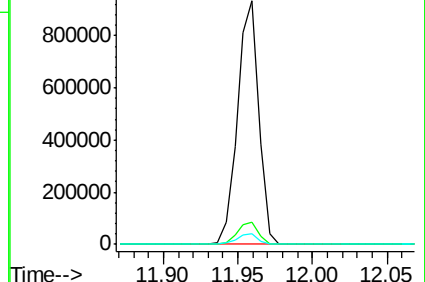
104 4.3 4.0 6.0



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: 34.65 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

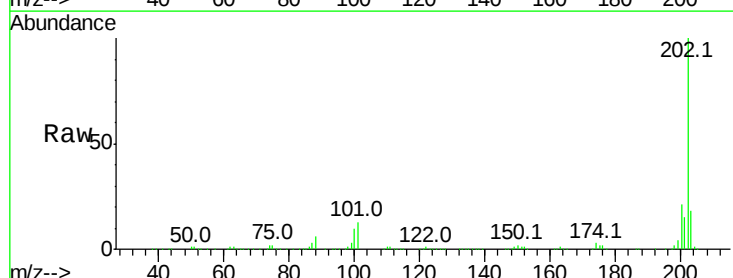
Tgt Ion:202 Resp: 690373

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

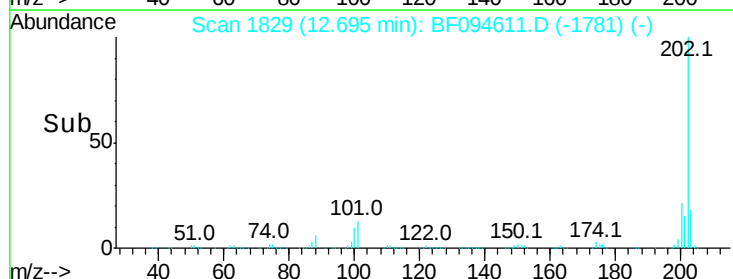
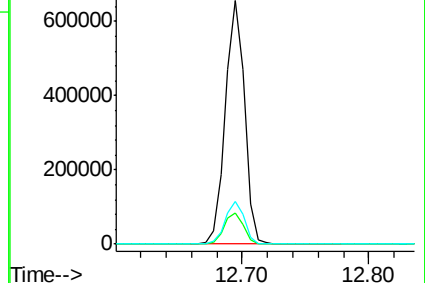
203 17.8 0.0 38.1

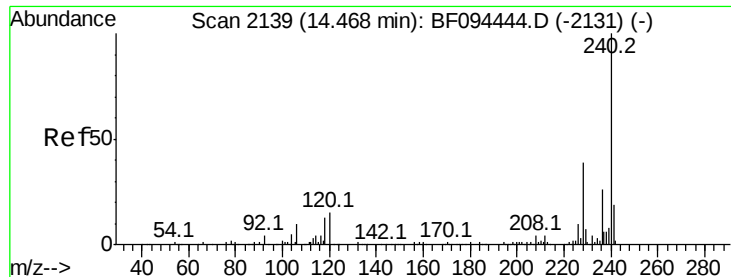


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

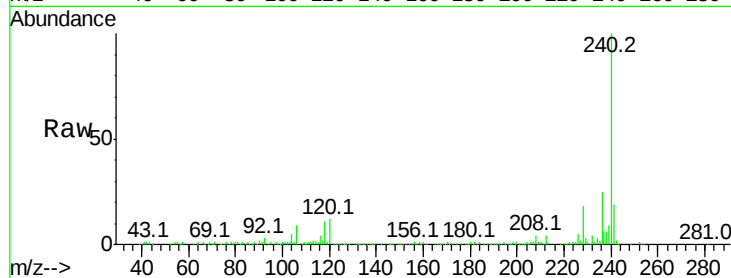
Tot Ion:240 Resp: 249808

Ion Ratio Lower Upper

240 100

120 12.5 5.8 8.8#

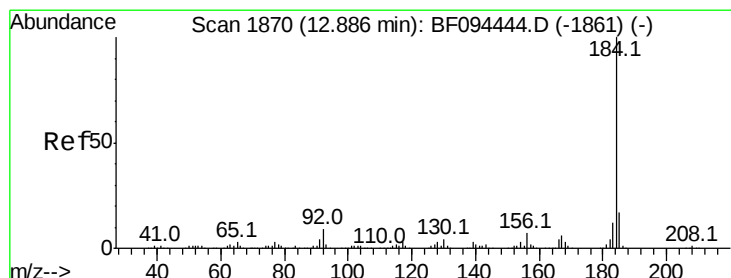
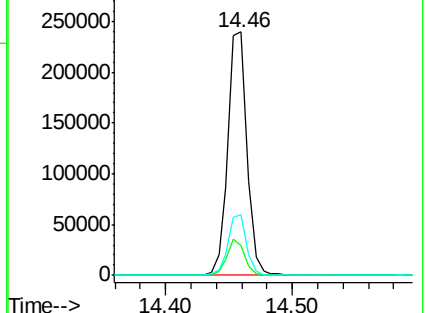
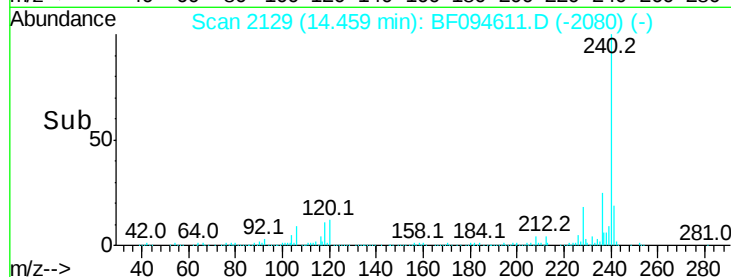
236 24.8 20.5 30.7



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: 34.69 ng

RT: 12.88 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

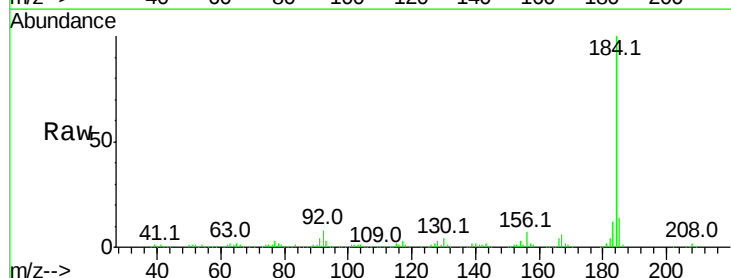
Tgt Ion:184 Resp: 350880

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

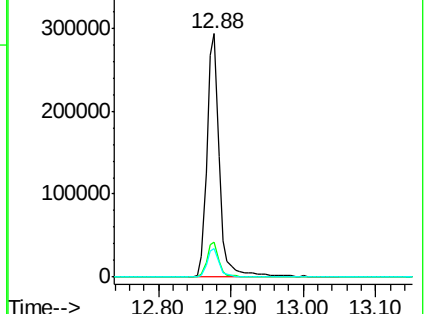
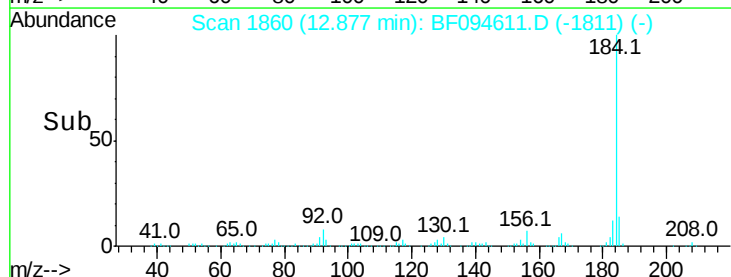
183 11.6 9.8 14.6

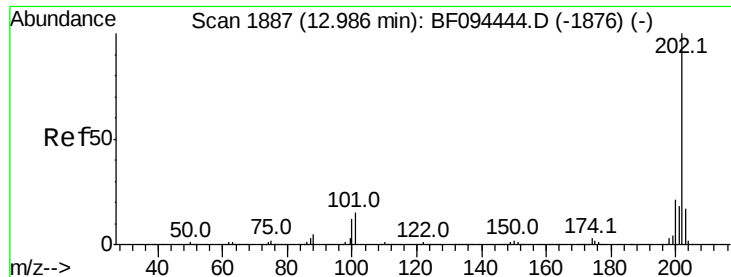


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

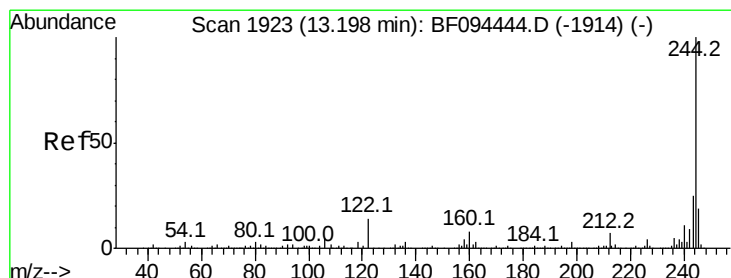
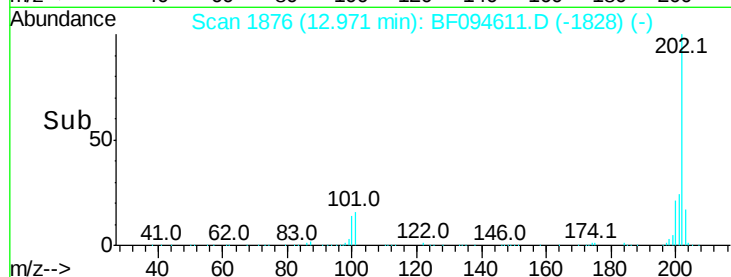
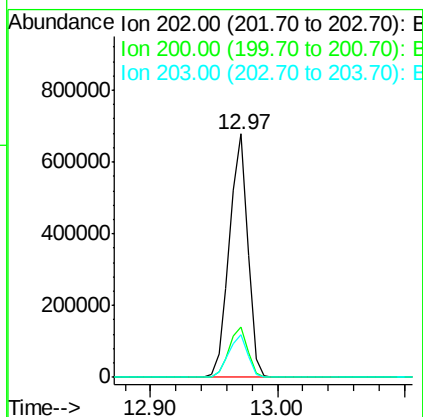
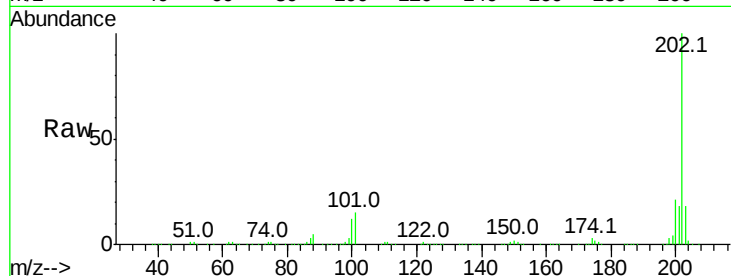




#77
 Pvrene
 Concen: 39.03 ng
 RT: 12.97 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

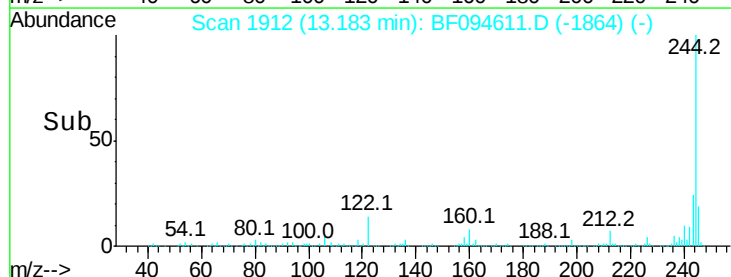
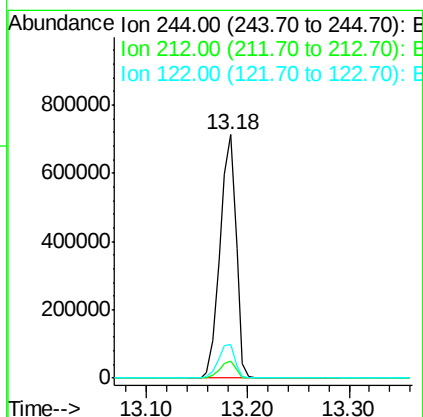
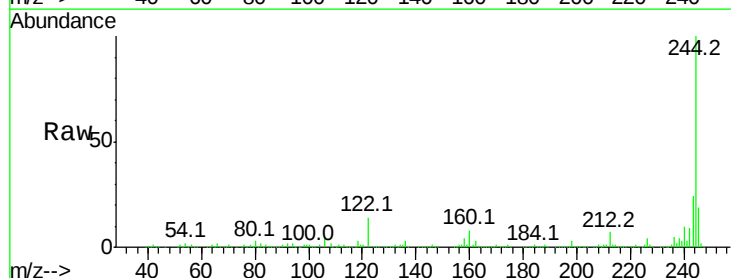
Instrument :
 BNA_F
 ClientSampled :

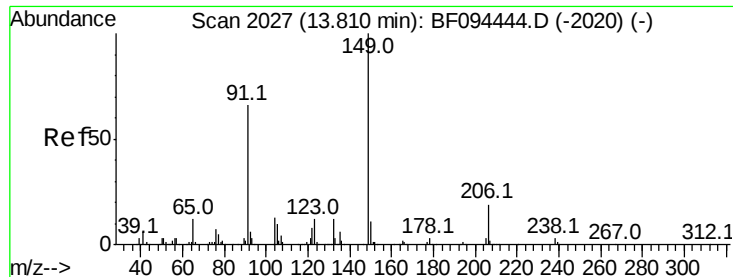
Tot Ion:202 Resp: 681206
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.6 26.4
 203 17.6 14.4 21.6



#78
 Terphenyl-d14
 Concen: 84.18 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:244 Resp: 786700
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.7 10.3 15.5

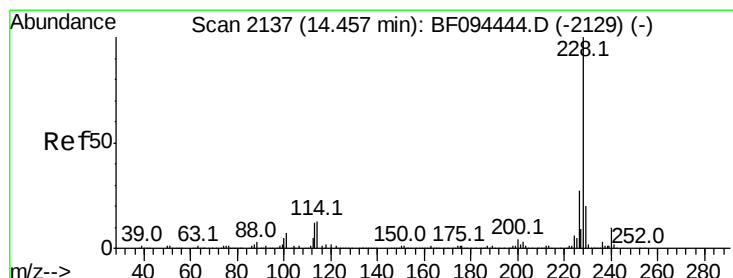
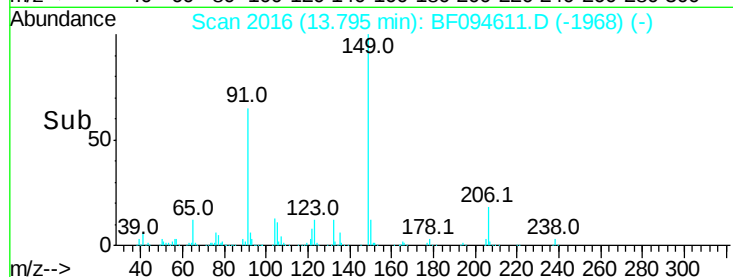
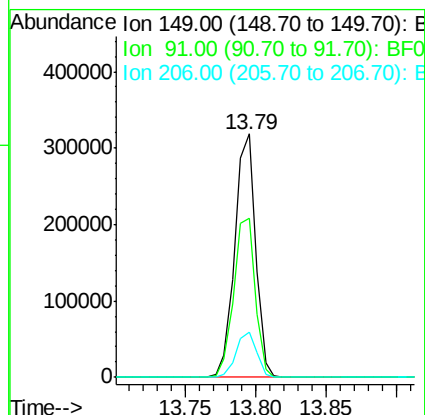
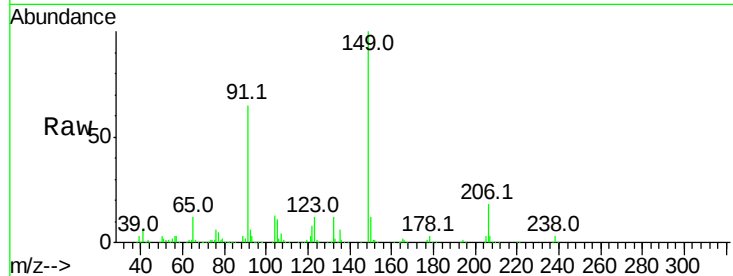




#79
Butylbenzylphthalate
Concen: 42.73 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

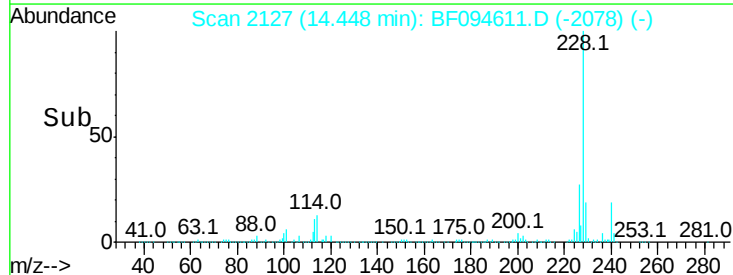
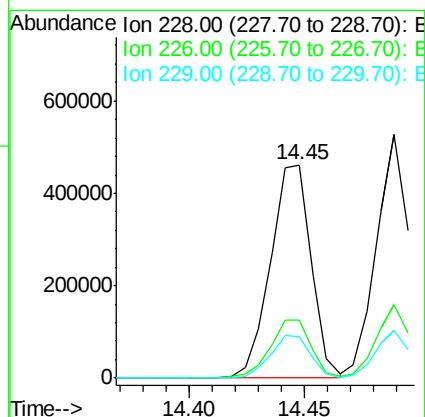
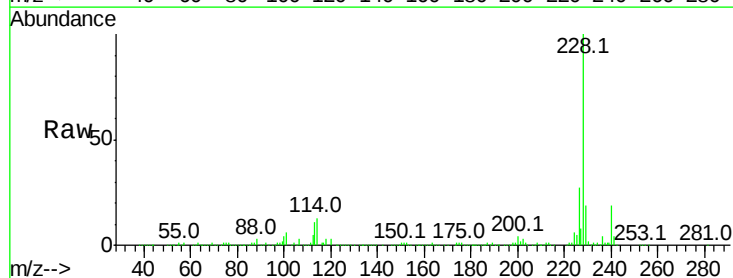
Instrument :
BNA_F
ClientSampleId :

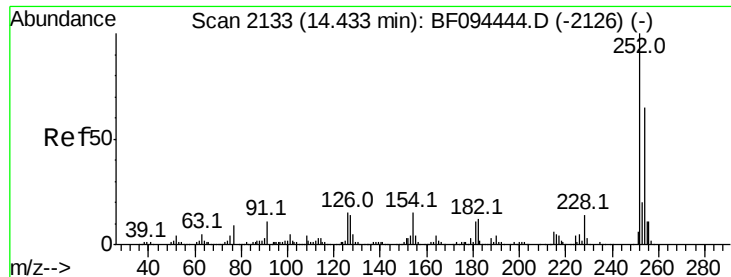
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.1	45.0	67.4
206	18.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 38.67 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.4	16.3	24.5

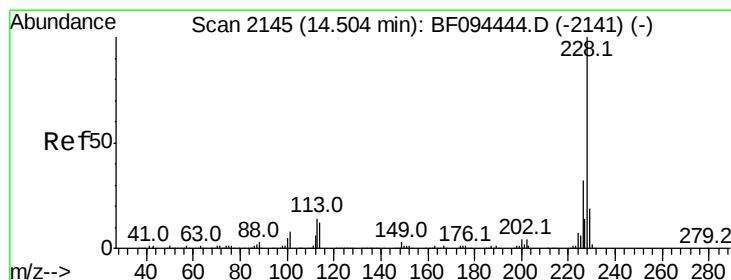
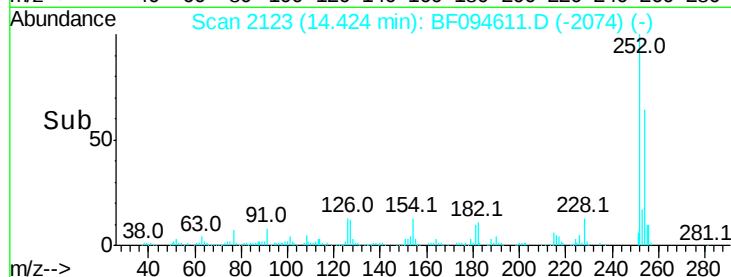
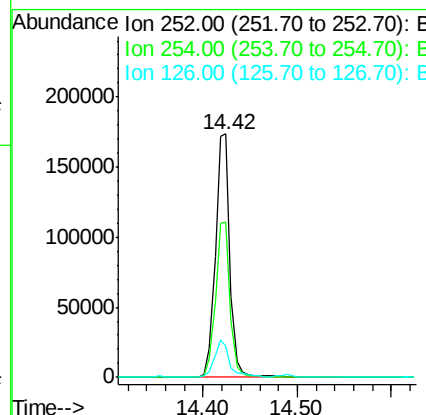
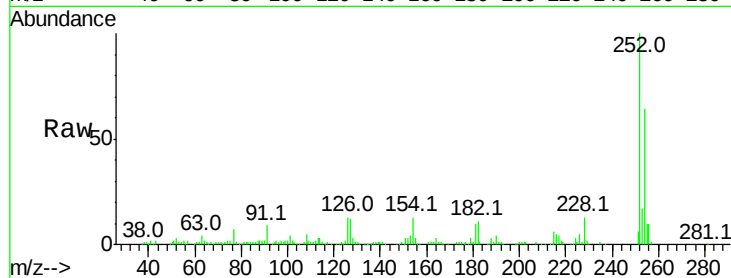




#81
 3,3'-Dichlorobenzidine
 Concen: 37.20 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

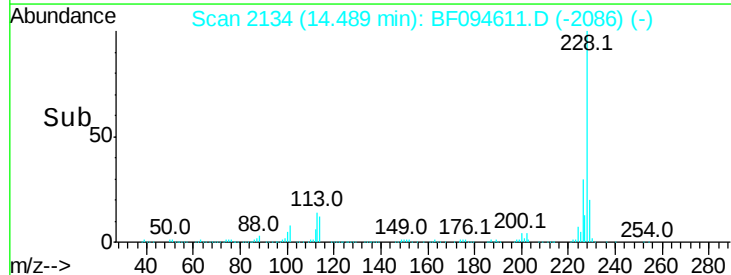
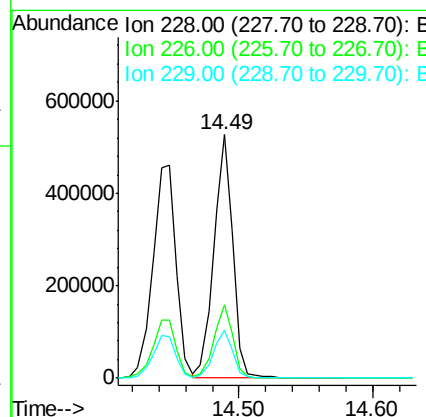
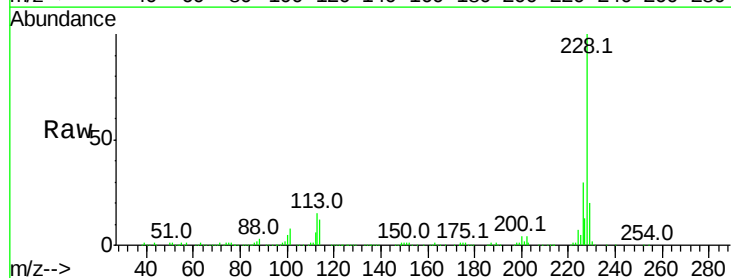
Instrument :
 BNA_F
 ClientSampled :

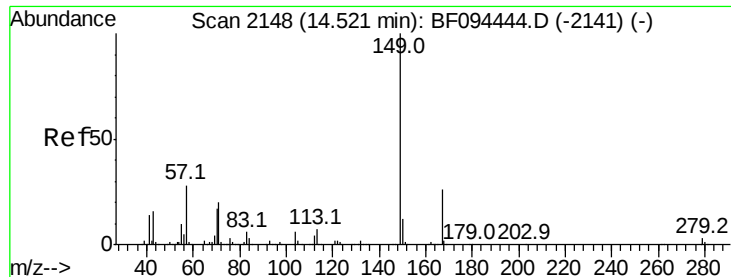
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	13.0	15.8	23.8



#82
 Chrysene
 Concen: 39.24 ng
 RT: 14.49 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.65 ng

RT: 14.51 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

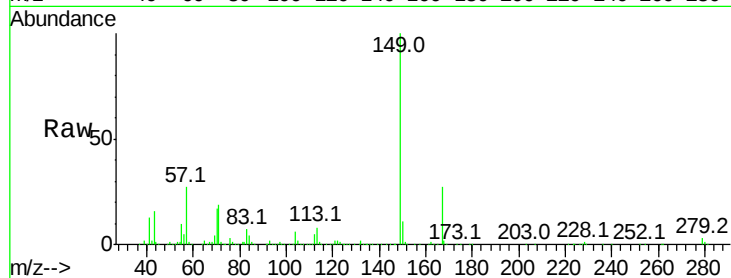
Tot Ion:149 Resp: 458487

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

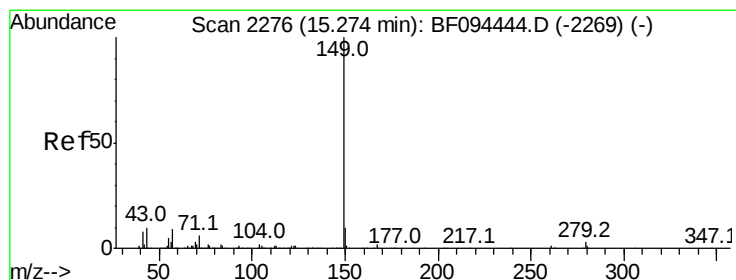
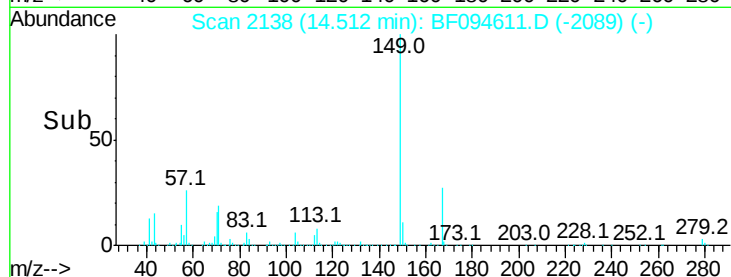
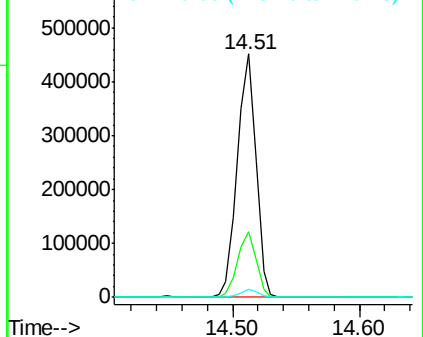
279 3.2 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.82 ng

RT: 15.27 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

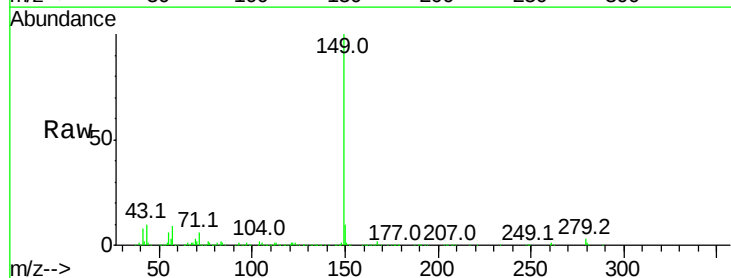
Tgt Ion:149 Resp: 754883

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

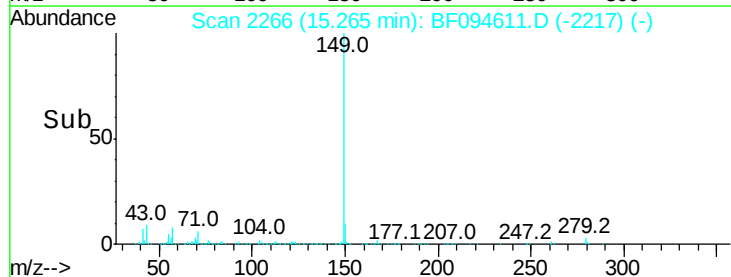
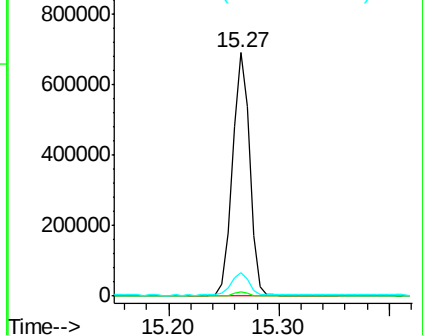
43 9.6 8.5 12.7

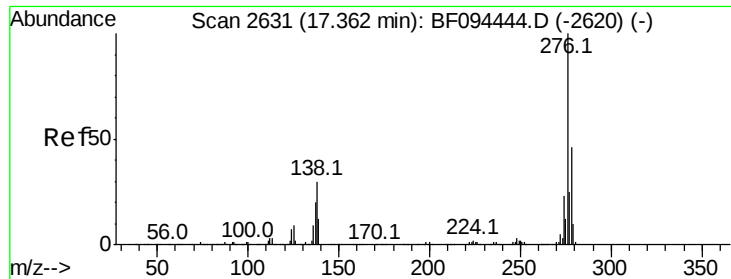


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

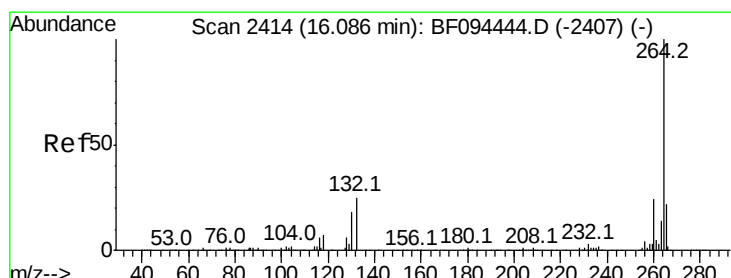
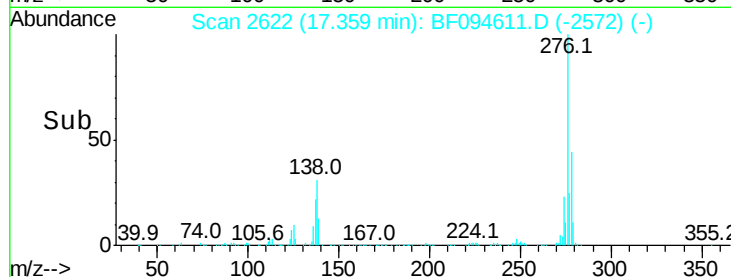
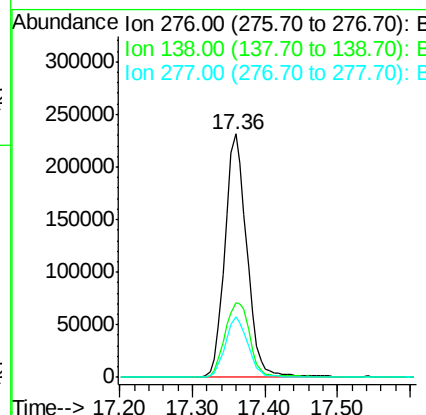
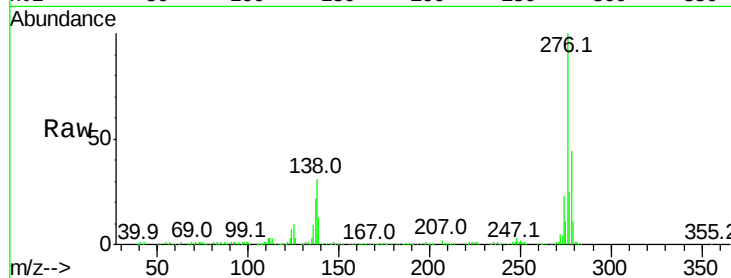




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.77 ng
 RT: 17.36 min Scan# 2622
 Delta R.T. -0.00 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

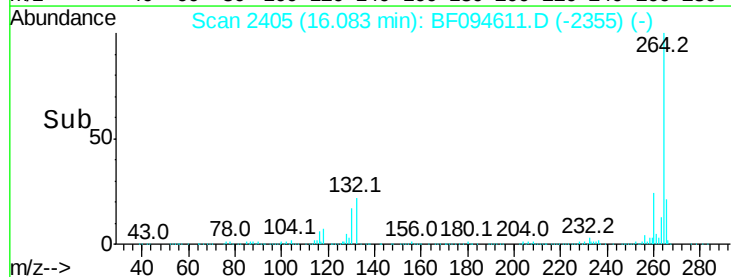
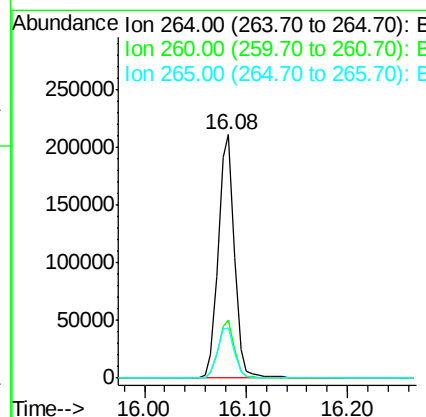
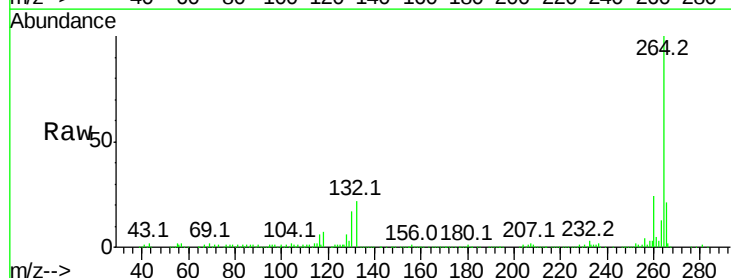
Instrument :
 BNA_F
 ClientSampleId :

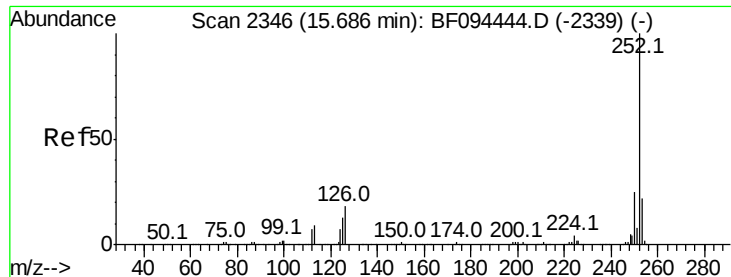
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.65 ng

RT: 15.68 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

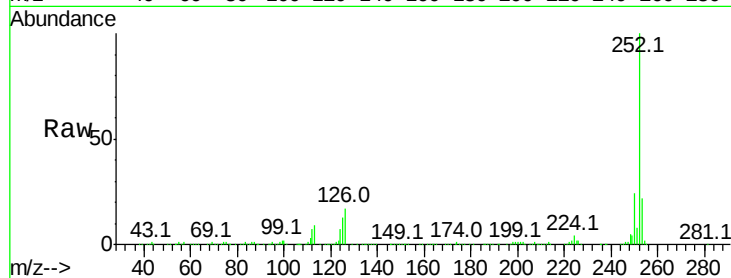
Tot Ion:252 Resp: 542197

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

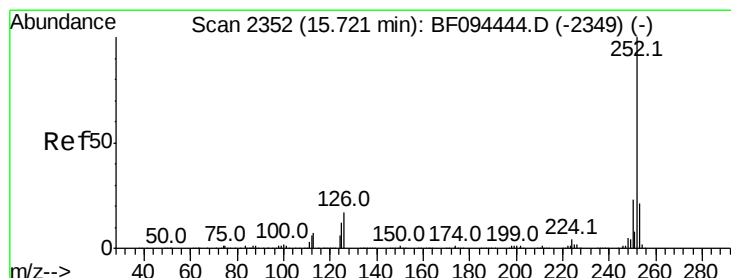
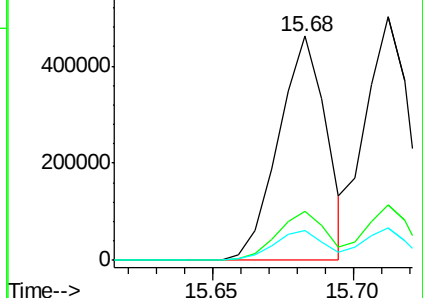
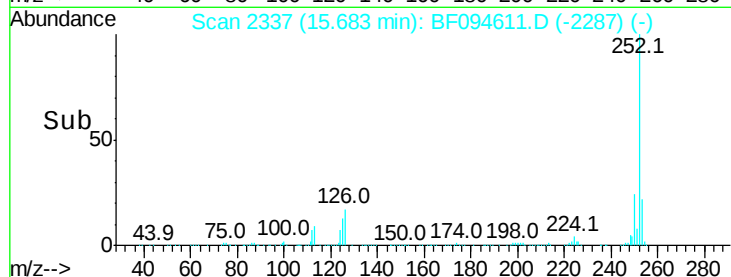
125 13.2 9.8 14.8



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: 40.10 ng

RT: 15.71 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

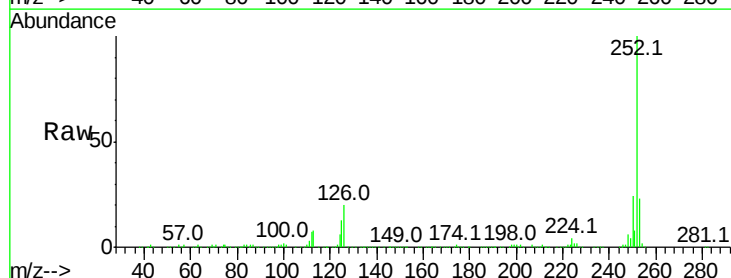
Tgt Ion:252 Resp: 546436

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

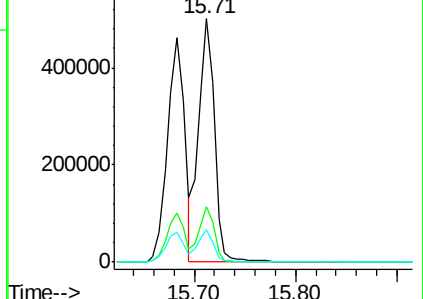
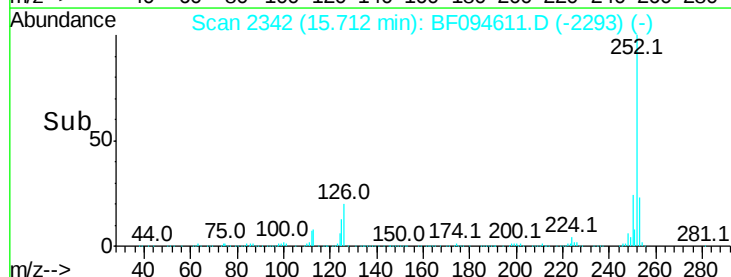
125 13.2 13.1 19.7

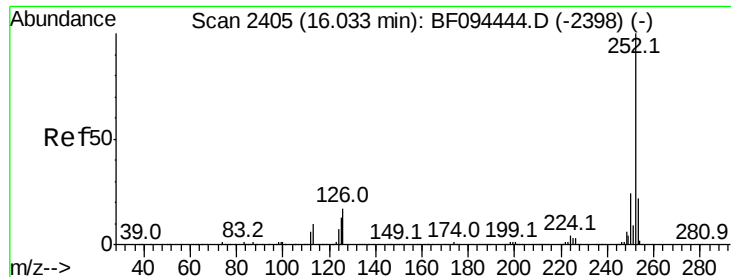


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.10 ng

RT: 16.03 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

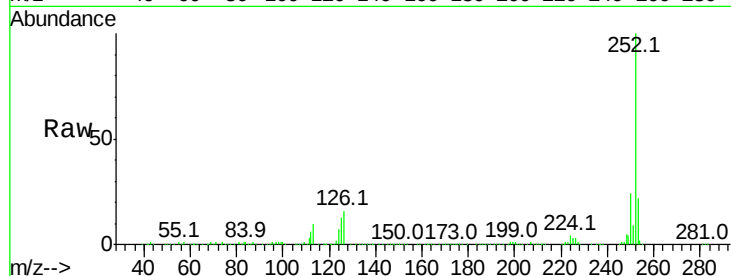
Tot Ion:252 Resp: 523842

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

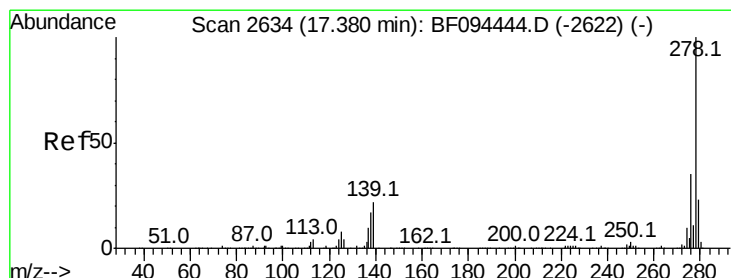
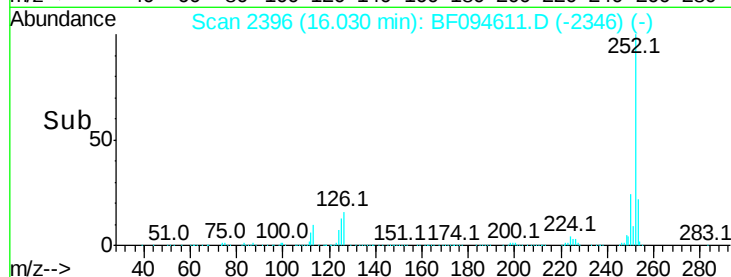
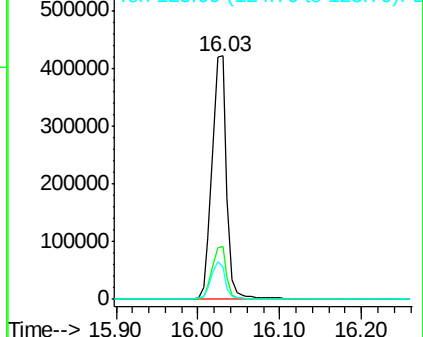
125 13.4 11.0 16.4



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: 37.27 ng

RT: 17.37 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

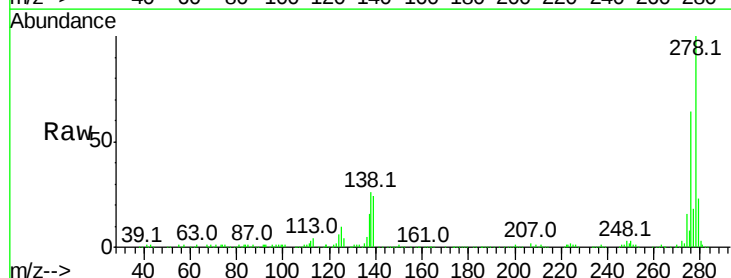
Tgt Ion:278 Resp: 414570

Ion Ratio Lower Upper

278 100

139 23.5 16.6 24.8

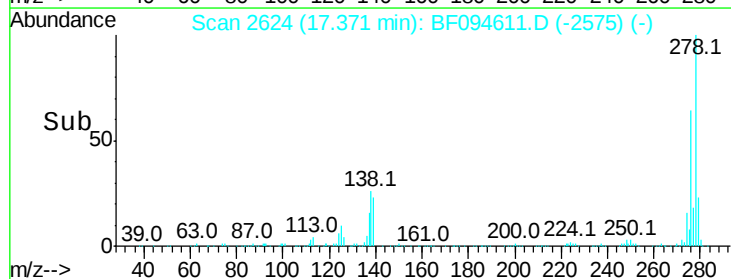
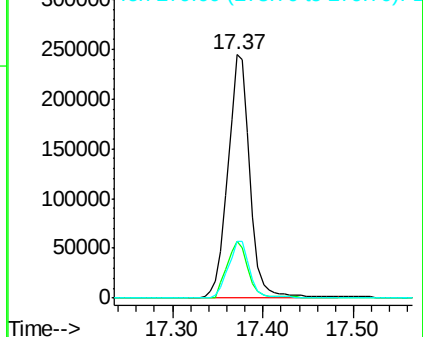
279 23.4 19.3 28.9

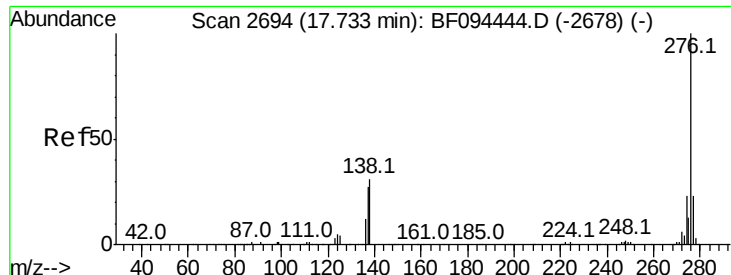


Abundance Ion 278.00 (277.70 to 278.70): E

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: 33.79 ng

RT: 17.73 min Scan# 2685

Delta R.T. -0.00 min

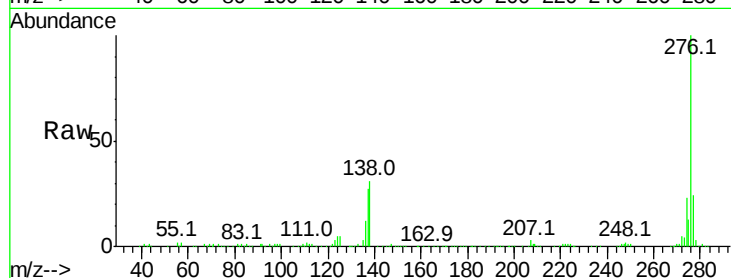
Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :



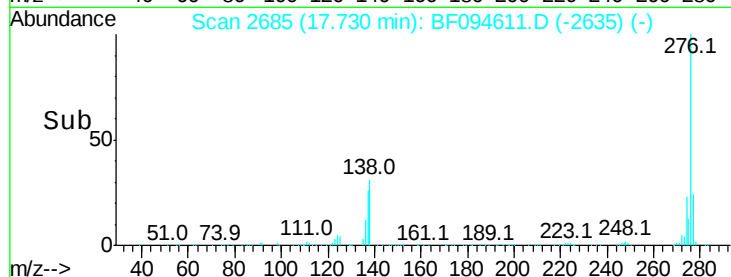
Tot Ion:276 Resp: 382676

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 30.9 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

