

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096008.D
 Acq On : 19 Jun 2017 16:12
 Operator : SJ/MA
 Sample : I3715-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:03:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	68928	20.00	ng	-0.02
21) Naphthalene-d8	9.33	136	287692	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	124871	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	213993	20.00	ng	-0.02
75) Chrysene-d12	18.27	240	131017	20.00	ng	-0.02
86) Perylene-d12	19.94	264	130779	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	664613	153.64	ng	-0.01
7) Phenol-d6	6.89	99	771417	148.96	ng	-0.02
23) Nitrobenzene-d5	8.23	82	462931	99.93	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	149973	135.74	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	890193	99.20	ng	-0.02
78) Terphenyl-d14	16.93	244	625678	118.52	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.69	88	79027	38.40	ng	# 93
3) Pyridine	2.23	79	204072	42.19	ng	98
4) n-Nitrosodimethylamine	2.20	42	84299	45.85	ng	82
6) Aniline	6.81	93	151600	22.38	ng	95
8) 2-Chlorophenol	6.99	128	238024	51.75	ng	95
9) Benzaldehyde	6.62	77	67087	19.21	ng	97
10) Phenol	6.90	94	297245	55.33	ng	88
11) bis(2-Chloroethyl)ether	6.95	93	206861	48.61	ng	98
12) 1,3-Dichlorobenzene	7.20	146	246855	47.42	ng	98
13) 1,4-Dichlorobenzene	7.33	146	255110	48.32	ng	96
14) 1,2-Dichlorobenzene	7.56	146	237460	48.79	ng	97
15) Benzyl Alcohol	7.62	79	187702	52.81	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.80	45	302559	50.60	ng	96
17) 2-Methylphenol	7.85	107	196312	50.86	ng	96
18) Hexachloroethane	8.07	117	85741	49.17	ng	# 82
19) n-Nitroso-di-n-propylamine	8.05	70	166286	50.67	ng	94
20) 3+4-Methylphenols	8.13	107	252125	51.46	ng	# 61
22) Acetophenone	8.00	105	329462	48.93	ng	# 83
24) Nitrobenzene	8.26	77	235292	47.55	ng	94
25) Isophorone	8.66	82	417773	48.30	ng	96
26) 2-Nitrophenol	8.77	139	129553	50.00	ng	96
27) 2,4-Dimethylphenol	8.93	122	192598	47.89	ng	96
28) bis(2-Chloroethoxy)methane	9.04	93	275970	48.40	ng	99
29) 2,4-Dichlorophenol	9.20	162	193003	49.83	ng	99
30) 1,2,4-Trichlorobenzene	9.27	180	193099	47.92	ng	99
31) Naphthalene	9.37	128	677098	46.90	ng	99
32) Benzoic acid	9.25	122	16422	10.95	ng	97
33) 4-Chloroaniline	9.55	127	50787	9.00	ng	# 92
34) Hexachlorobutadiene	9.59	225	98838	47.47	ng	98
35) Caprolactam	10.16	113	32325	28.05	ng	90
36) 4-Chloro-3-methylphenol	10.42	107	199545	49.22	ng	90
37) 2-Methylnaphthalene	10.50	142	454892	46.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.78	216	177781	47.57	ng	99
40) Hexachlorocyclopentadiene	10.75	237	54212	51.02	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096008.D
 Acq On : 19 Jun 2017 16:12
 Operator : SJ/MA
 Sample : I3715-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:03:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

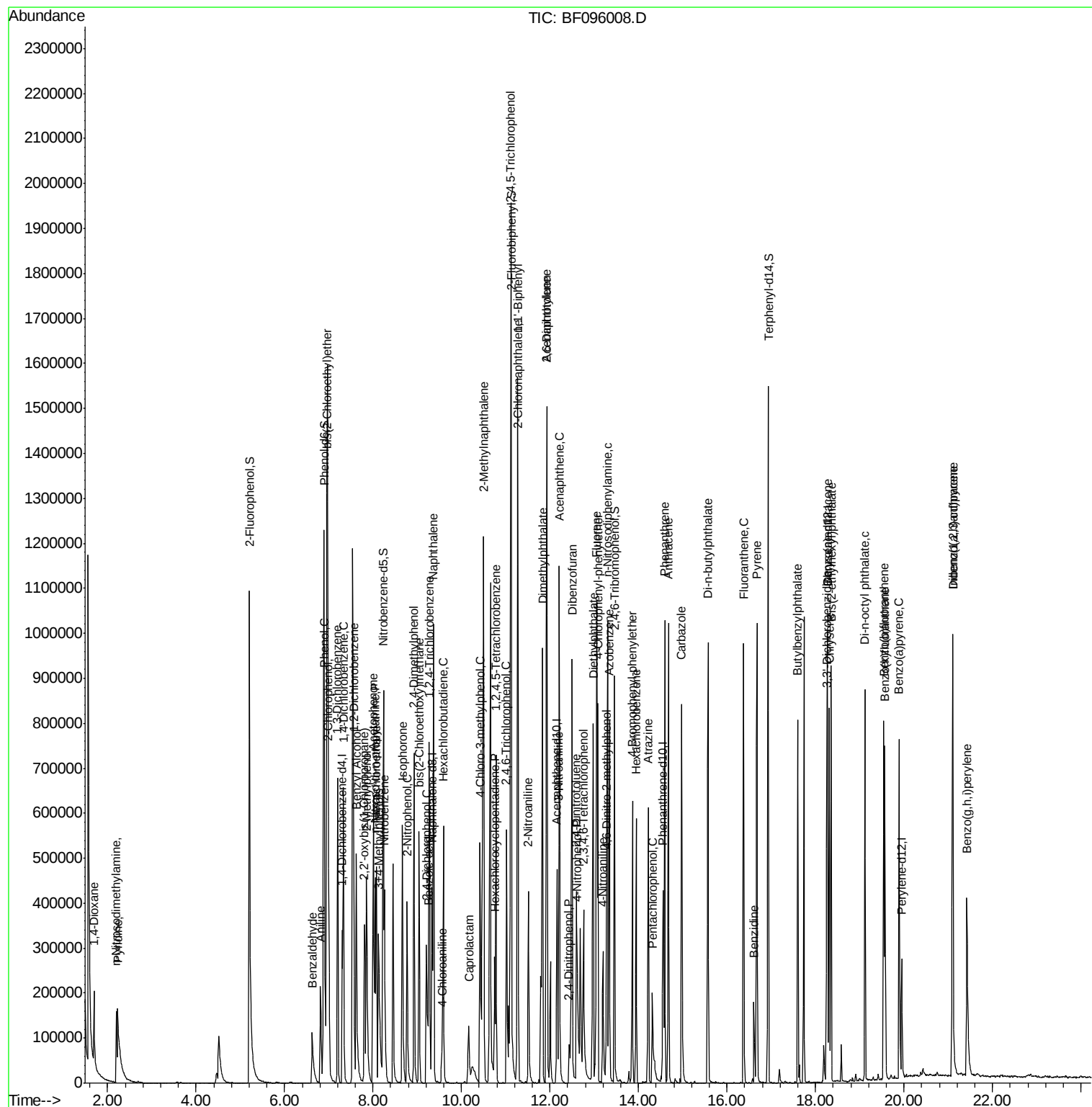
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.02	196	119500	49.73	nq	99
43) 2,4,5-Trichlorophenol	11.11	196	112931	44.19	nq	94
45) 1,1'-Biphenyl	11.27	154	502101	48.79	nq	97
46) 2-Chloronaphthalene	11.28	162	389408	48.43	nq	96
47) 2-Nitroaniline	11.51	65	111943	47.57	nq	# 83
48) Acenaphthylene	11.93	152	590392	42.94	nq	99
49) Dimethylphthalate	11.83	163	579937	61.17	nq	99
50) 2,6-Dinitrotoluene	11.93	165	94030	45.47	nq	# 71
51) Acenaphthene	12.21	154	353988	44.57	nq	98
52) 3-Nitroaniline	12.19	138	59684	24.77	nq	89
53) 2,4-Dinitrophenol	12.43	184	37536	35.94	nq	# 68
54) Dibenzofuran	12.50	168	538743	48.20	nq	97
55) 4-Nitrophenol	12.62	139	105314	75.16	nq	# 73
56) 2,4-Dinitrotoluene	12.60	165	135515	48.52	nq	94
57) Fluorene	13.05	166	433448	44.56	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.76	232	88684	50.71	nq	# 92
59) Diethylphthalate	12.97	149	443001	48.55	nq	99
60) 4-Chlorophenyl-phenylether	13.08	204	197552	46.70	nq	89
61) 4-Nitroaniline	13.20	138	93014	41.35	nq	96
62) Azobenzene	13.34	77	402882	48.72	nq	93
64) 4,6-Dinitro-2-methylphenol	13.27	198	48484	34.47	nq	# 82
65) n-Nitrosodiphenylamine	13.30	169	369519	48.06	nq	98
66) 4-Bromophenyl-phenylether	13.86	248	108111	48.61	nq	96
67) Hexachlorobenzene	13.94	284	104492	47.68	nq	# 88
68) Atrazine	14.22	200	111083	51.91	nq	95
69) Pentachlorophenol	14.32	266	58510	71.20	nq	99
70) Phenanthrene	14.59	178	576712	46.71	nq	98
71) Anthracene	14.67	178	593935	46.08	nq	98
72) Carbazole	14.97	167	540443	43.02	nq	97
73) Di-n-butylphthalate	15.57	149	678810	50.79	nq	98
74) Fluoranthene	16.37	202	528065	43.21	nq	99
76) Benzidine	16.61	184	118949	23.64	nq	# 93
77) Pyrene	16.67	202	521434	53.34	nq	98
79) Butylbenzylphthalate	17.60	149	243505	57.03	nq	# 86
80) Benzo(a)anthracene	18.26	228	363019	47.66	nq	98
81) 3,3'-Dichlorobenzidine	18.25	252	93324	34.46	nq	# 97
82) Chrysene	18.31	228	361562	47.50	nq	98
83) Bis(2-ethylhexyl)phthalate	18.35	149	333714	55.41	nq	# 99
84) Di-n-octyl phthalate	19.12	149	504340	50.82	nq	96
85) Indeno(1,2,3-cd)pyrene	21.10	276	371830	57.09	nq	99
87) Benzo(b)fluoranthene	19.54	252	368775	45.03	nq	98
88) Benzo(k)fluoranthene	19.57	252	331512	42.35	nq	96
89) Benzo(a)pyrene	19.89	252	348923	46.36	nq	99
90) Dibenzo(a,h)anthracene	21.10	278	311811	48.84	nq	98
91) Benzo(g,h,i)perylene	21.42	276	314267	48.28	nq	99

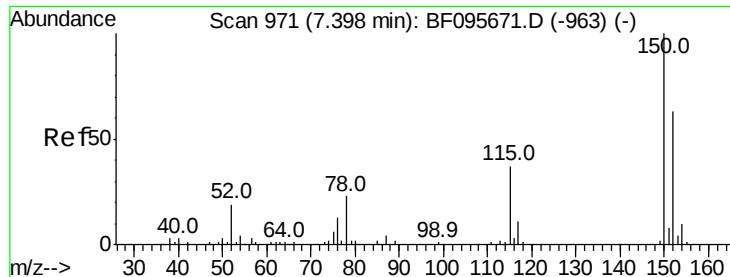
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096008.D
Acq On : 19 Jun 2017 16:12
Operator : SJ/MA
Sample : I3715-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jun 20 01:03:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration



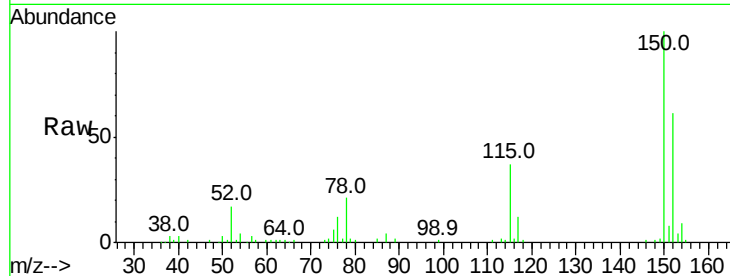


#1

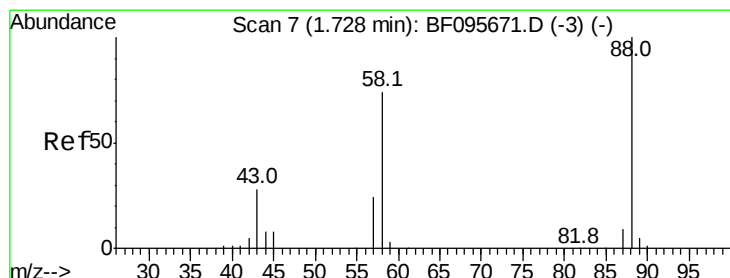
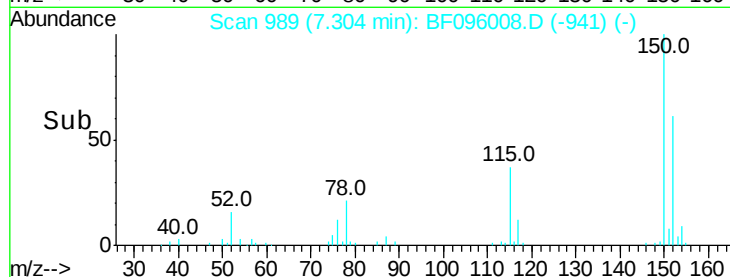
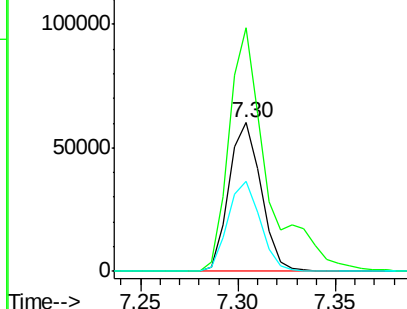
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68928
Ion Ratio Lower Upper
152 100
150 163.8 126.2 189.2
115 60.9 52.2 78.2



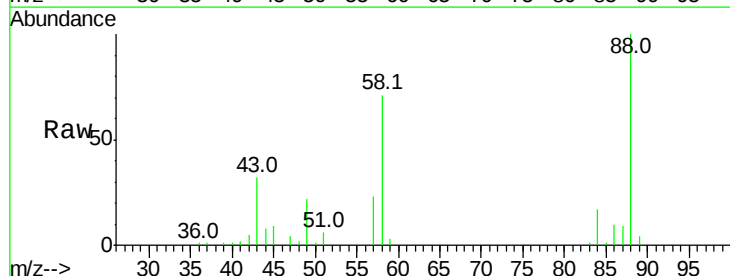
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



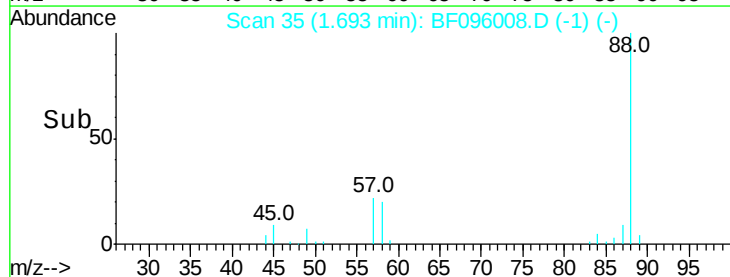
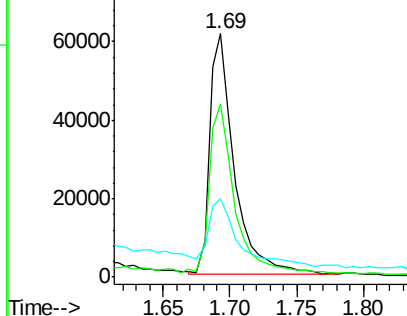
#2

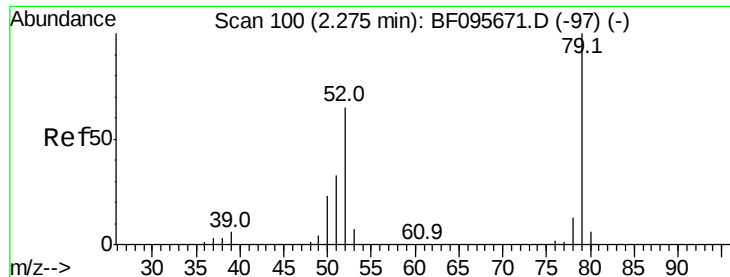
1,4-Dioxane
Concen: 38.40 ng
RT: 1.69 min Scan# 35
Delta R.T. 0.06 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Tgt Ion: 88 Resp: 79027
Ion Ratio Lower Upper
88 100
58 72.9 61.4 92.0
43 35.6 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: 42.19 ng

RT: 2.23 min Scan# 126

Delta R.T. 0.06 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampled :

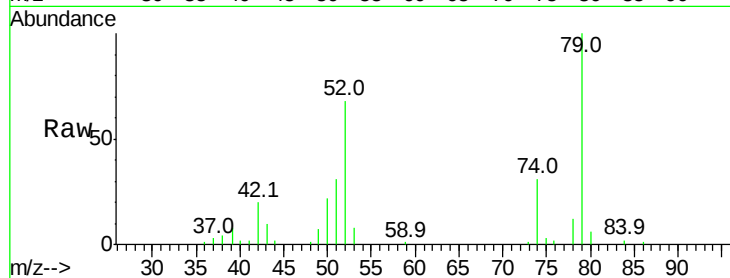
Tot Ion: 79 Resp: 204072

Ion Ratio Lower Upper

79 100

52 67.8 54.8 82.2

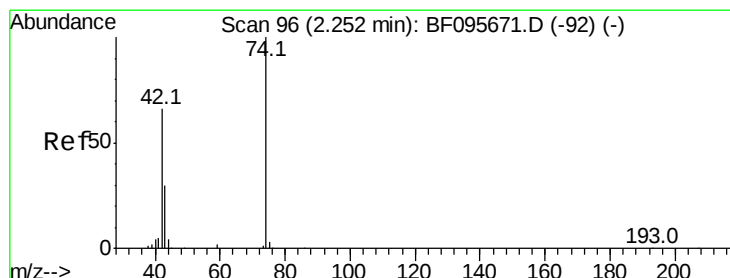
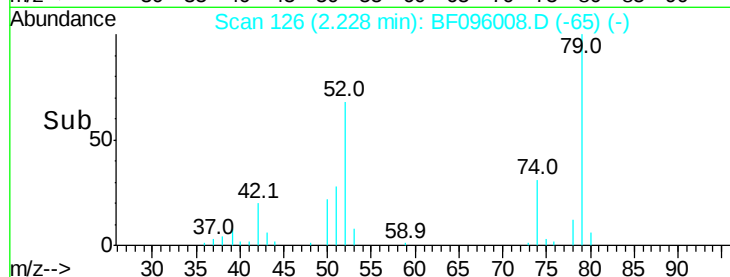
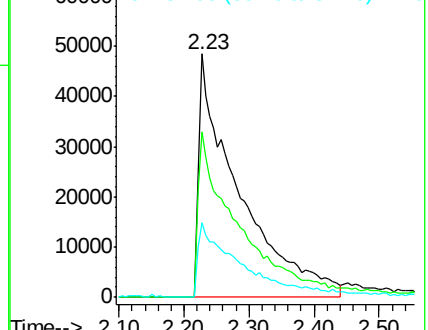
51 30.7 27.0 40.4



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: 45.85 ng

RT: 2.20 min Scan# 121

Delta R.T. 0.05 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

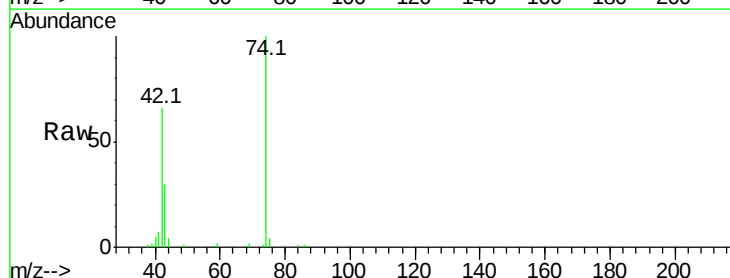
Tgt Ion: 42 Resp: 84299

Ion Ratio Lower Upper

42 100

74 152.2 103.9 155.9

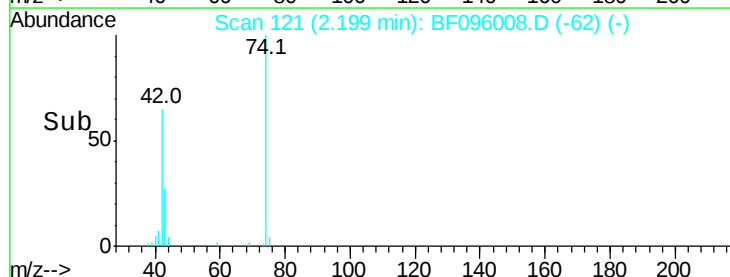
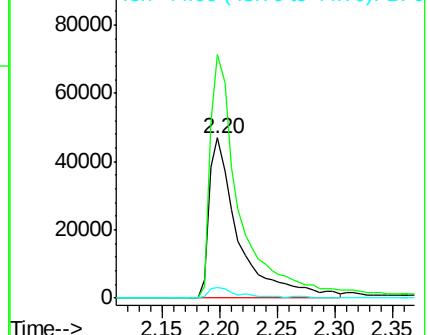
44 6.8 5.7 8.5

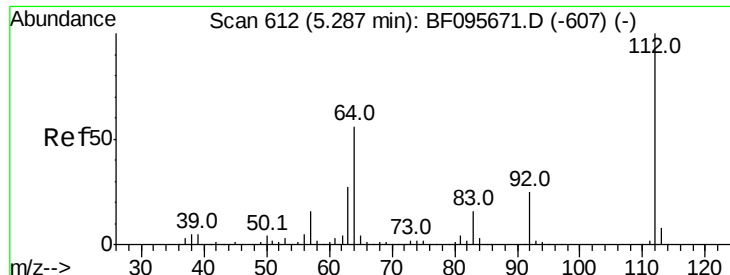


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 153.64 ng

RT: 5.20 min Scan# 632

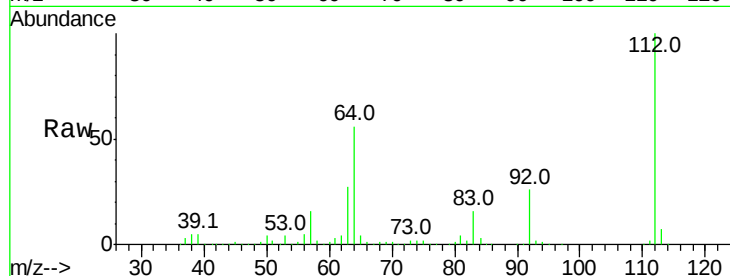
Delta R.T. -0.01 min

Lab File: BF096008.D

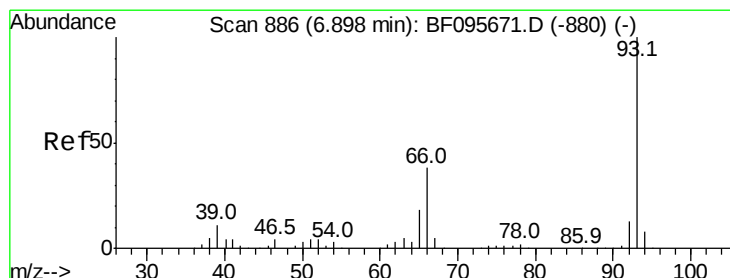
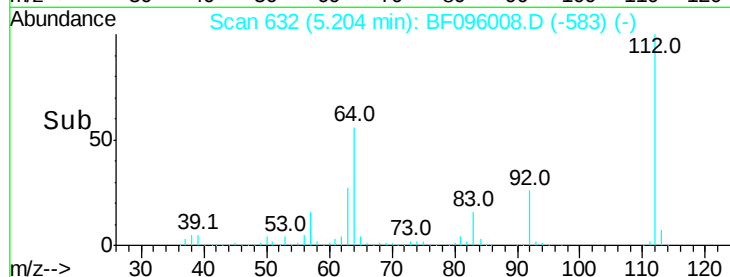
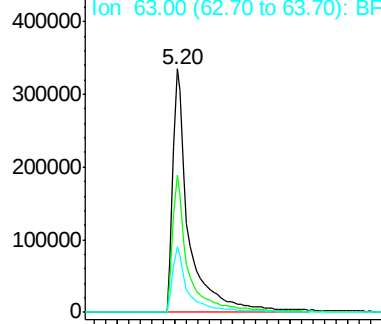
Acq: 19 Jun 2017 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	664613
Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	27.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 22.38 ng

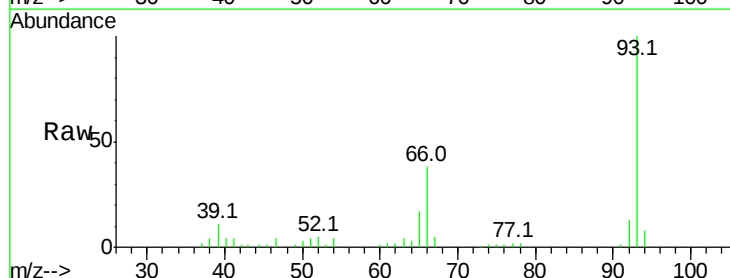
RT: 6.81 min Scan# 905

Delta R.T. -0.01 min

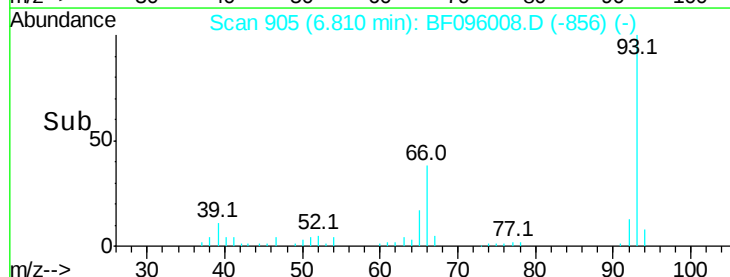
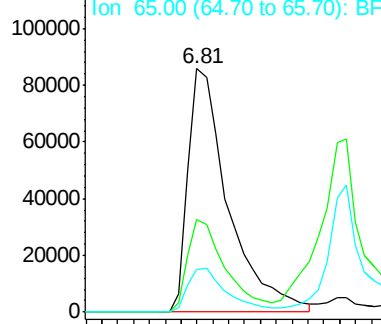
Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Tgt Ion:	93	Resp:	151600
Ion	Ratio	Lower	Upper
93	100		
66	38.1	32.9	49.3
65	17.5	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 148.96 ng

RT: 6.89 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

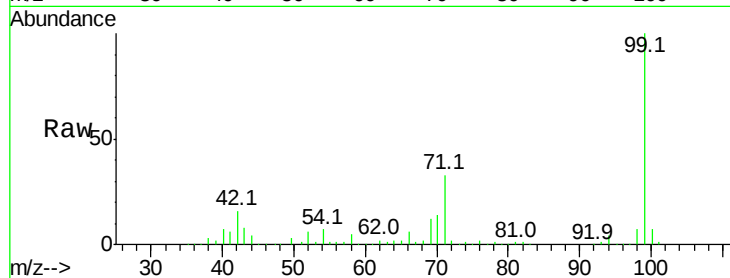
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 771417

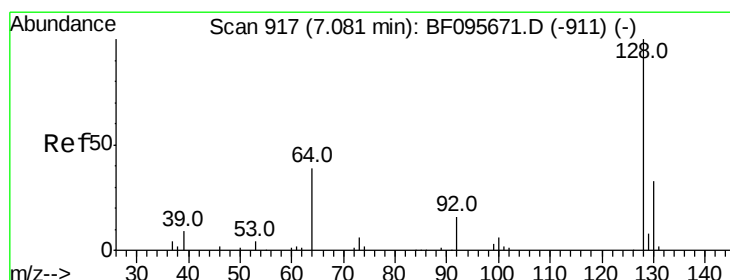
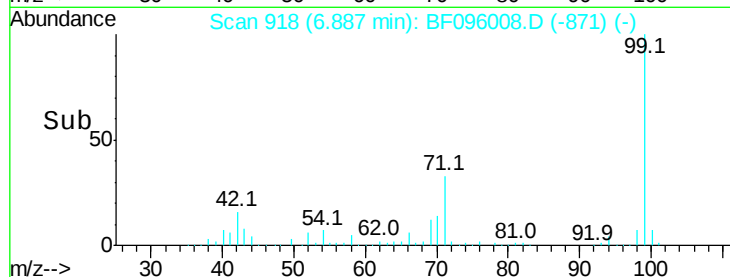
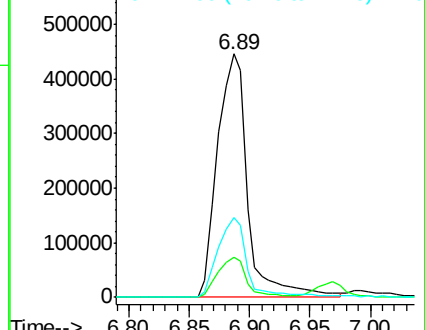
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	32.6	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.75 ng

RT: 6.99 min Scan# 936

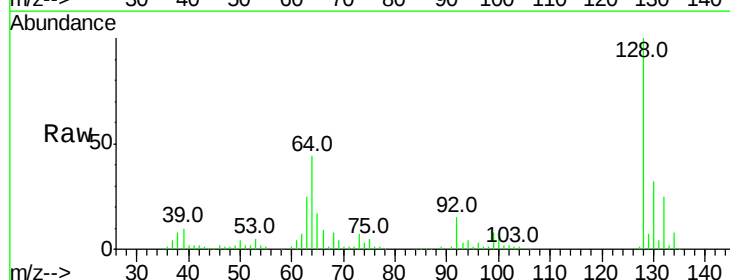
Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Tgt Ion: 128 Resp: 238024

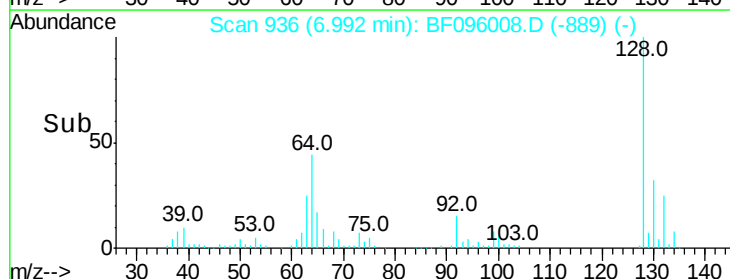
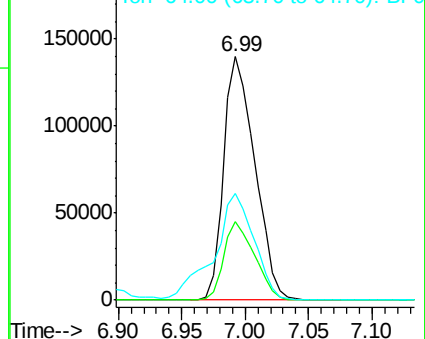
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	43.7	28.4	68.4

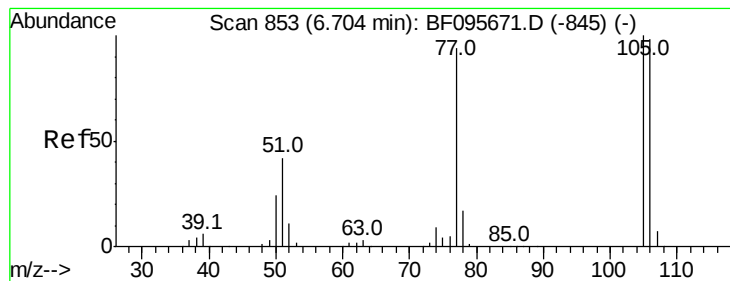


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.21 ng

RT: 6.62 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :

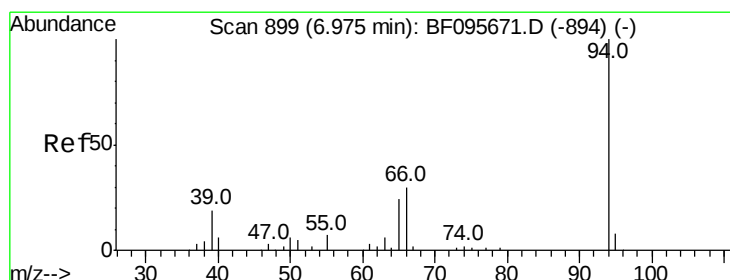
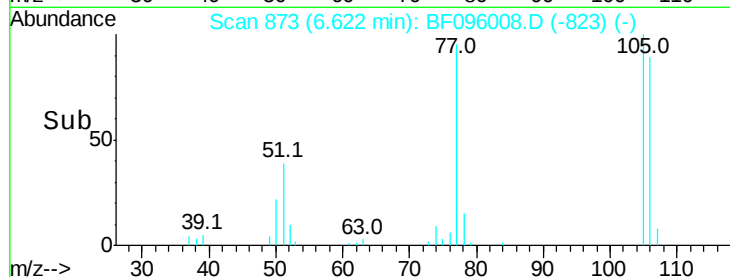
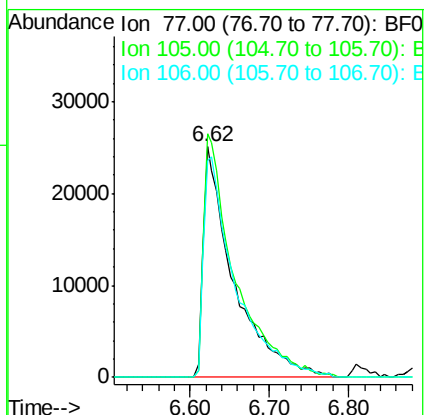
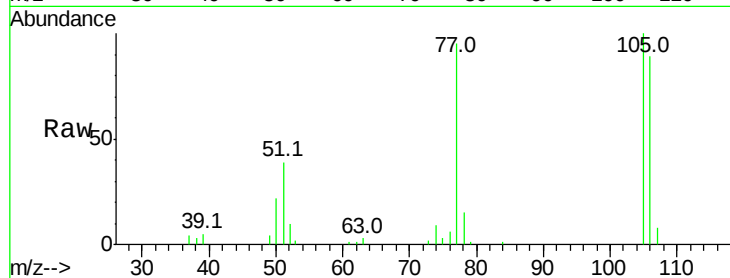
Tot Ion: 77 Resp: 67087

Ion Ratio Lower Upper

77 100

105 105.5 83.8 123.8

106 94.0 79.1 119.1



#10

Phenol

Concen: 55.33 ng

RT: 6.90 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

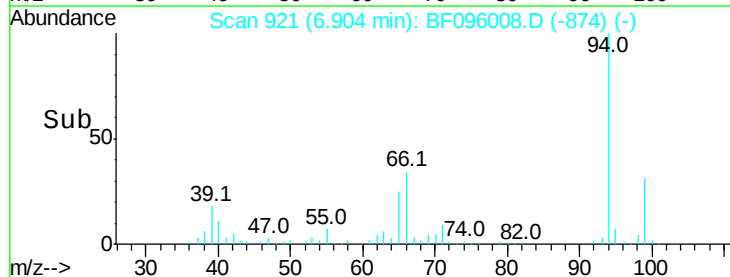
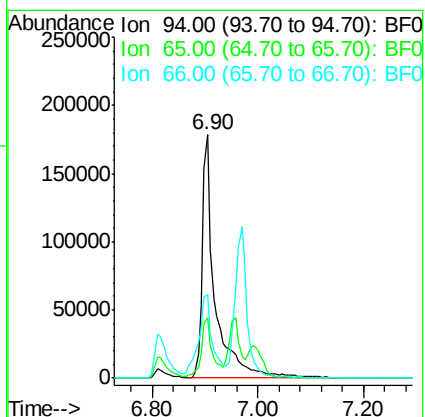
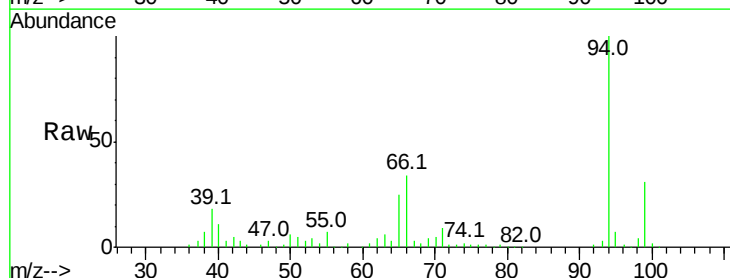
Tgt Ion: 94 Resp: 297245

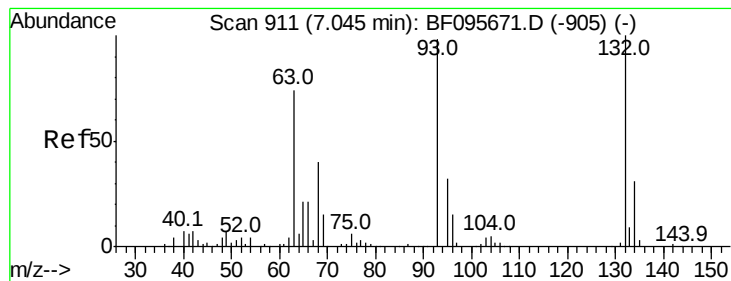
Ion Ratio Lower Upper

94 100

65 25.1 9.9 49.9

66 34.2 23.1 63.1

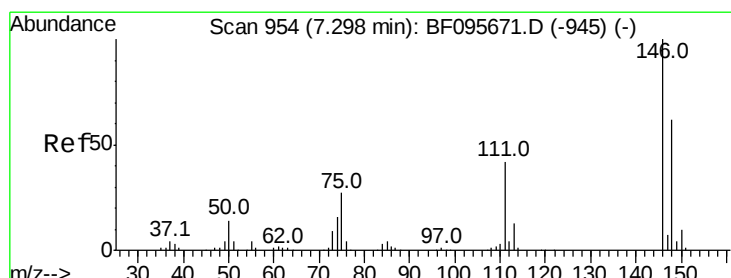
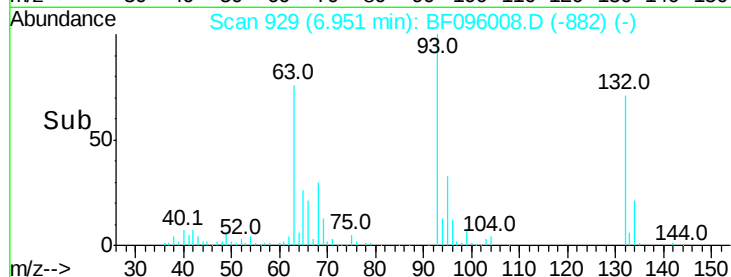
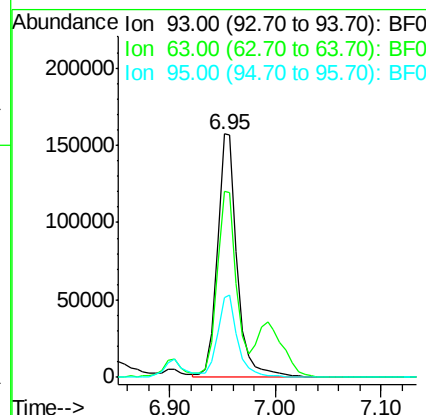
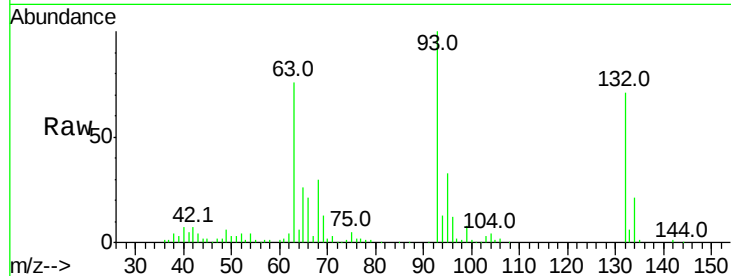




#11
bis(2-Chloroethyl)ether
Concen: 48.61 ng
RT: 6.95 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

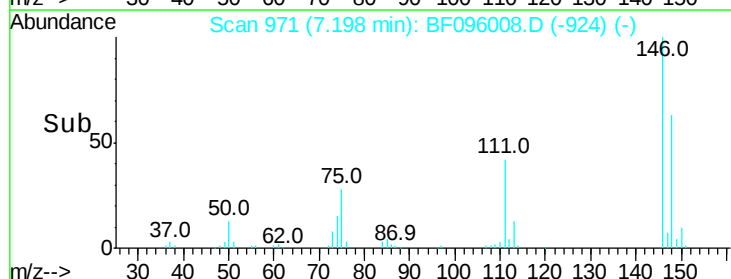
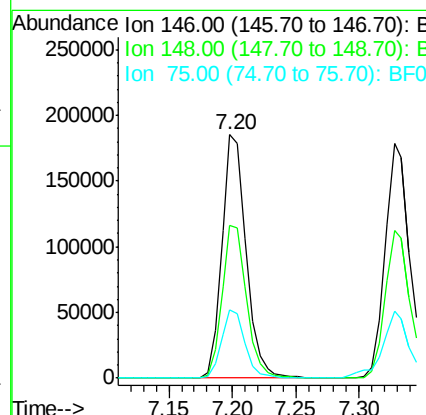
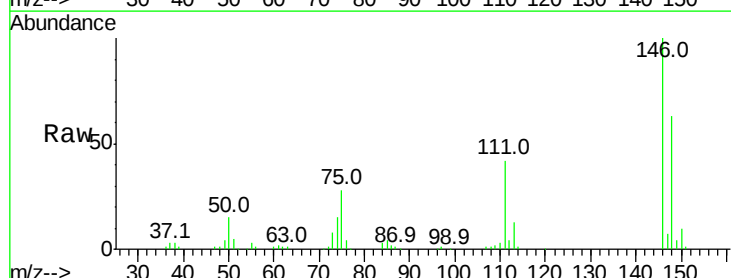
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 206861
Ion Ratio Lower Upper
93 100
63 76.3 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.42 ng
RT: 7.20 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Tgt Ion: 146 Resp: 246855
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.6
75 28.1 23.1 34.7

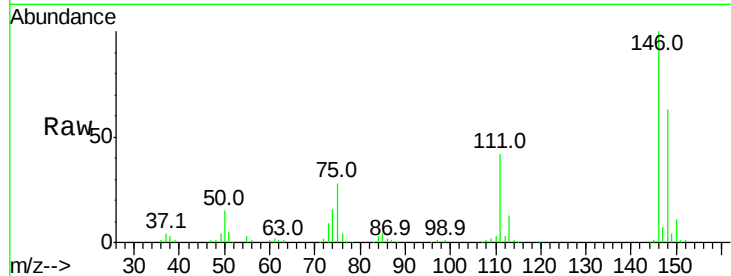




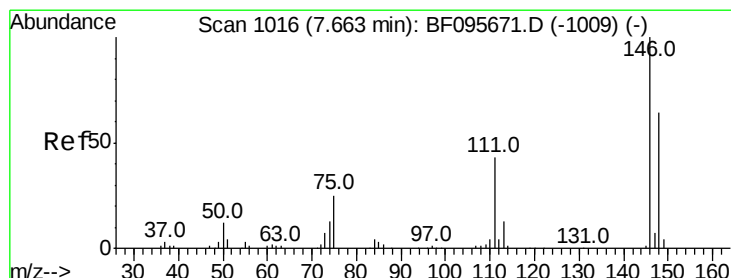
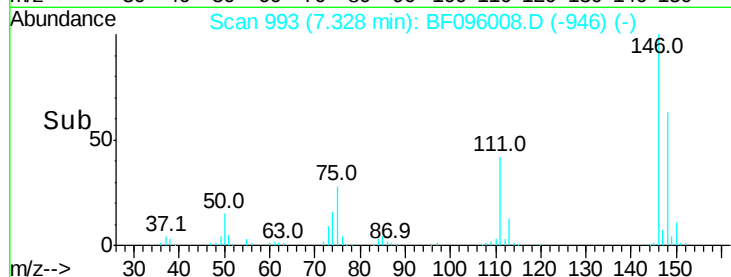
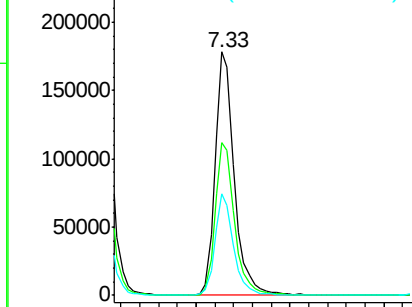
#13
 1,4-Dichlorobenzene
 Concen: 48.32 ng
 RT: 7.33 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 255110
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 41.8 30.3 45.5

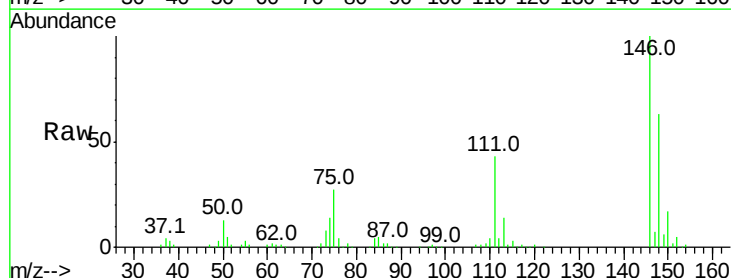


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

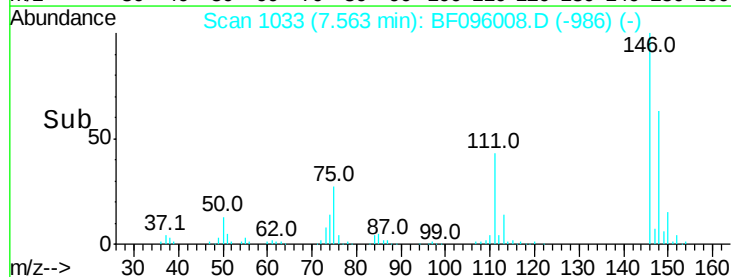
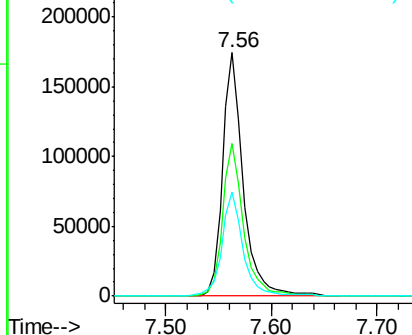


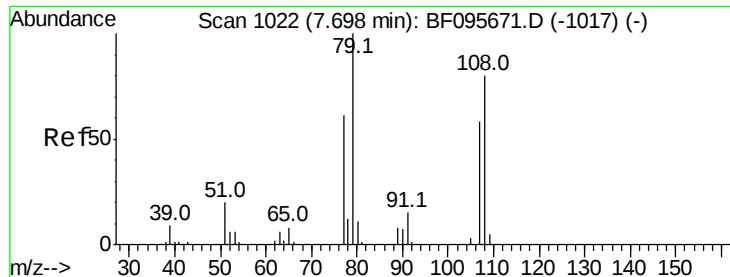
#14
 1,2-Dichlorobenzene
 Concen: 48.79 ng
 RT: 7.56 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion:146 Resp: 237460
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.4 75.6
 111 42.7 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: 52.81 ng

RT: 7.62 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :

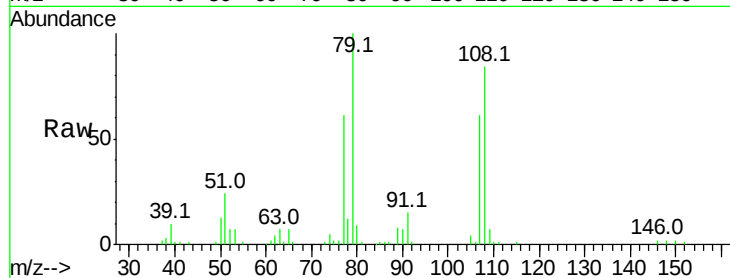
Tot Ion: 79 Resp: 187702

Ion Ratio Lower Upper

79 100

108 83.8 63.4 95.0

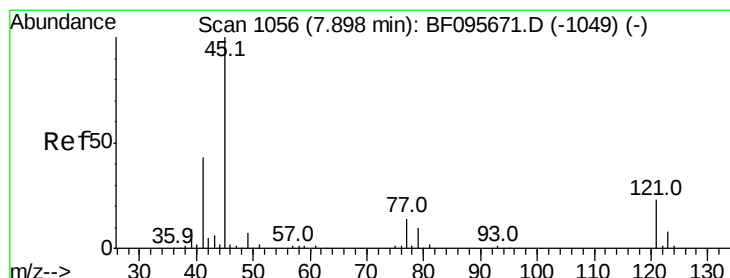
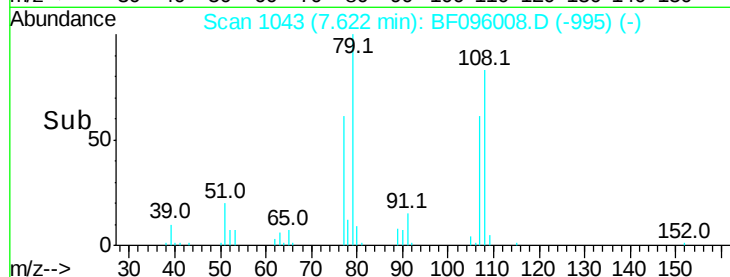
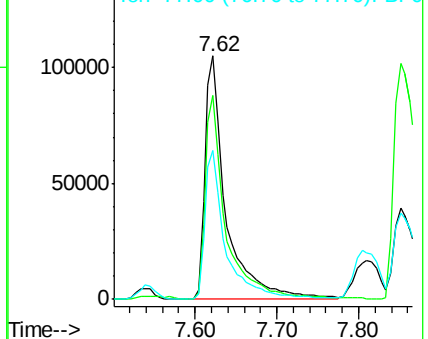
77 61.3 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.60 ng

RT: 7.80 min Scan# 1074

Delta R.T. -0.03 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

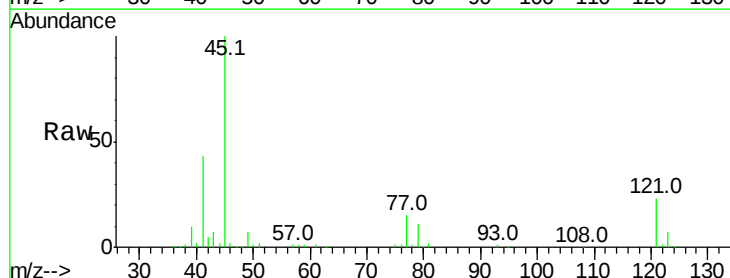
Tgt Ion: 45 Resp: 302559

Ion Ratio Lower Upper

45 100

77 15.2 0.0 33.2

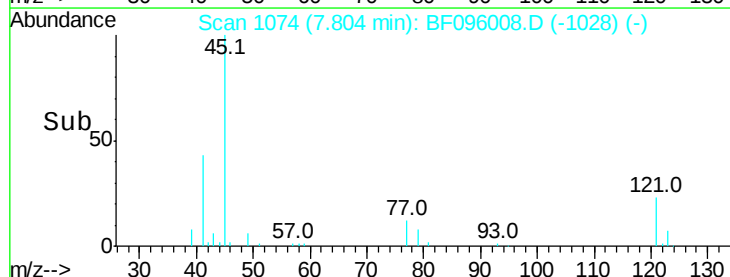
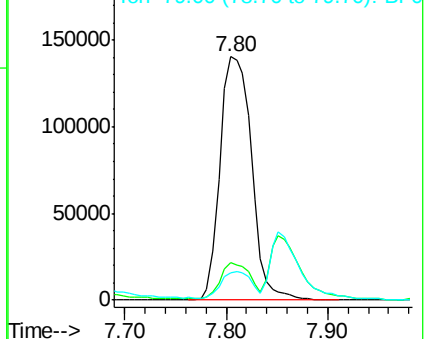
79 11.2 0.0 30.0

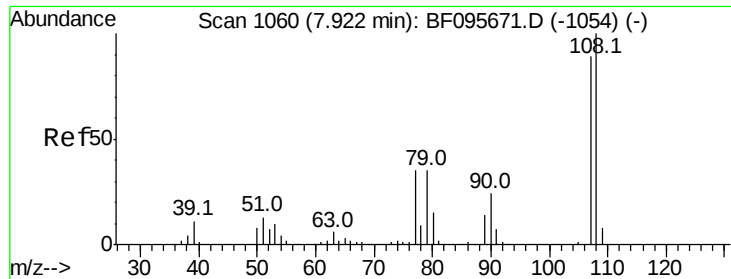


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

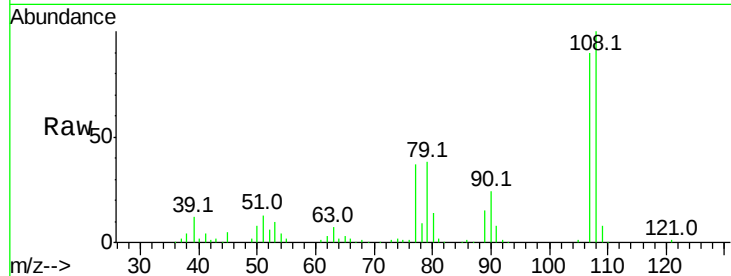




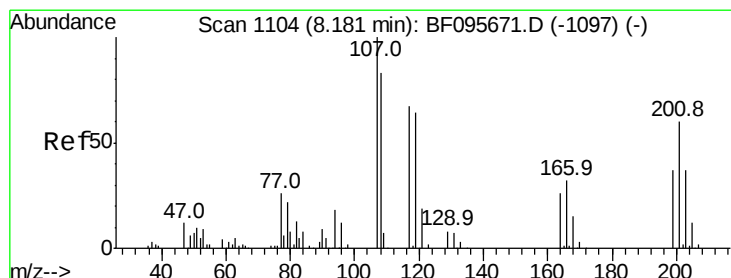
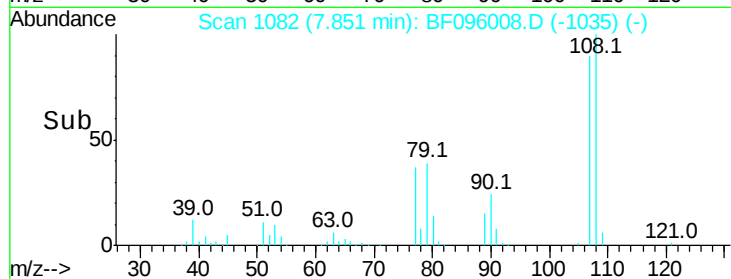
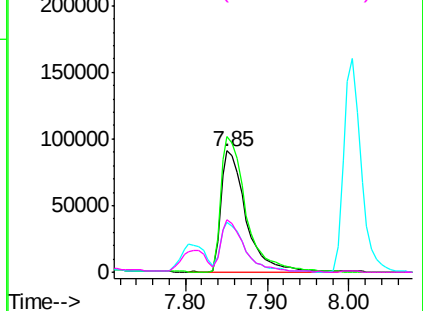
#17
2-Methylphenol
Concen: 50.86 ng
RT: 7.85 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	93.4	140.0
77	41.0	35.8	53.6
79	42.9	34.8	52.2

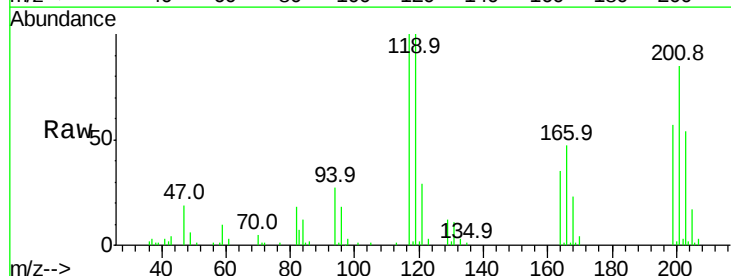


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

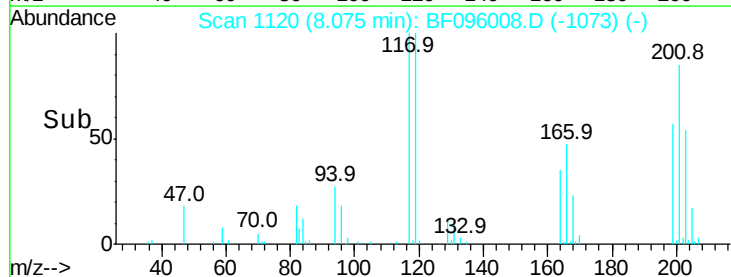
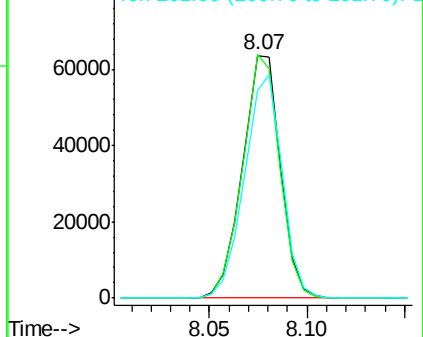


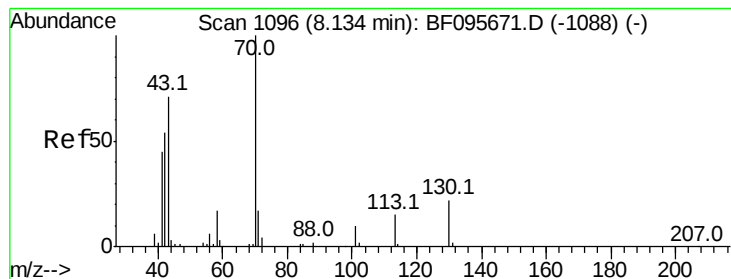
#18
Hexachloroethane
Concen: 49.17 ng
RT: 8.07 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	77.4	116.0
201	85.8	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: 50.67 ng

RT: 8.05 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 166286

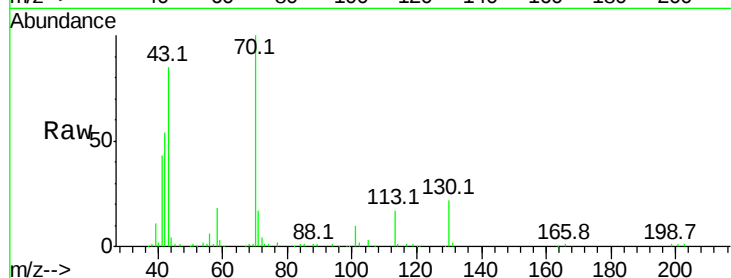
Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.2	70.8
101	10.2	7.2	10.8
130	21.9	15.9	23.9

70 100

42 53.8 47.2 70.8

101 10.2 7.2 10.8

130 21.9 15.9 23.9

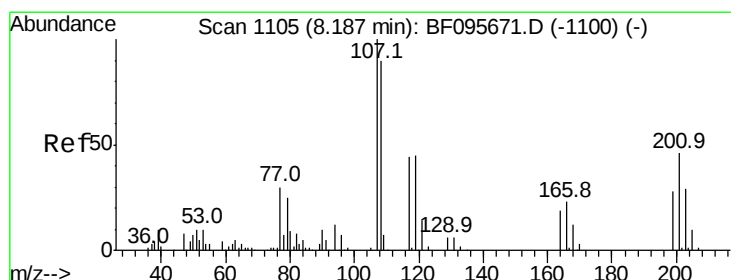
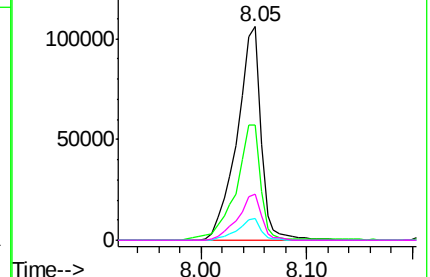
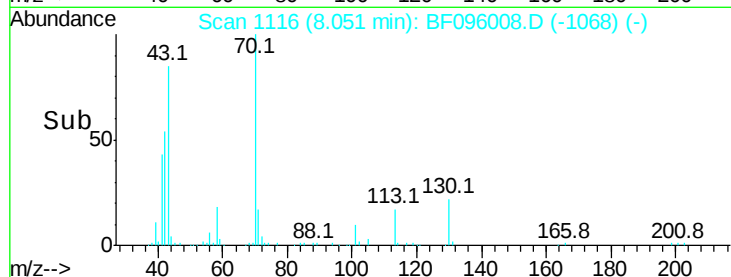


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 51.46 ng

RT: 8.13 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Tgt Ion:107 Resp: 252125

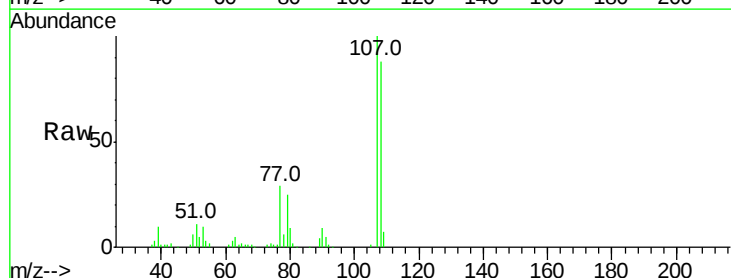
Ion	Ratio	Lower	Upper
107	100		
108	87.7	71.0	111.0
77	28.7	90.5	130.5#
79	24.8	8.4	48.4

107 100

108 87.7 71.0 111.0

77 28.7 90.5 130.5#

79 24.8 8.4 48.4

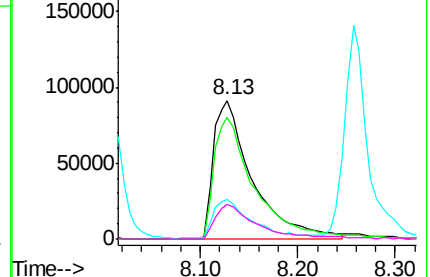
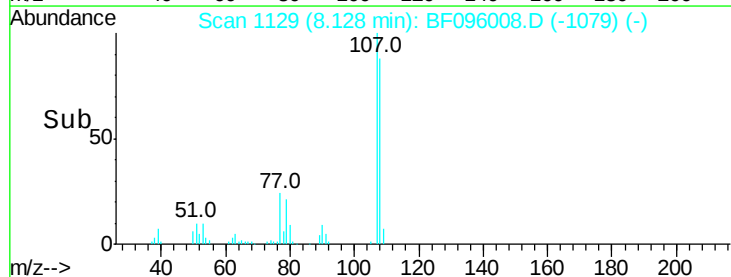


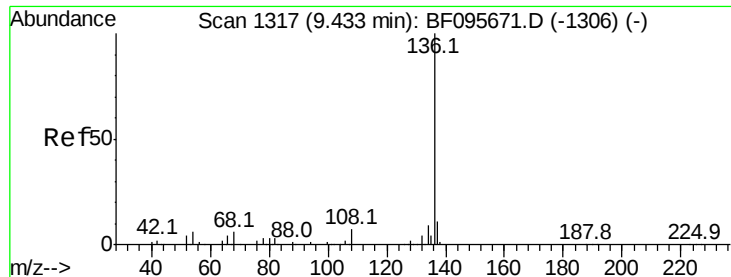
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

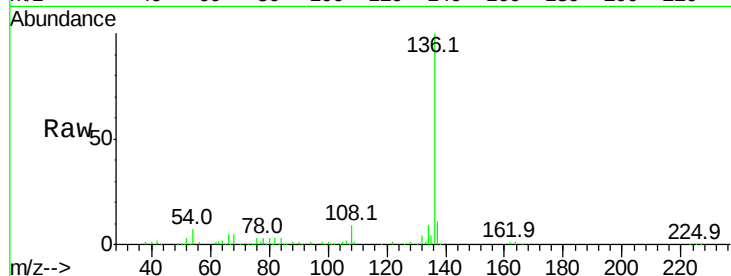




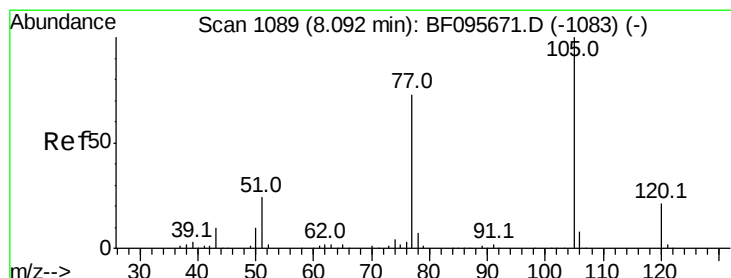
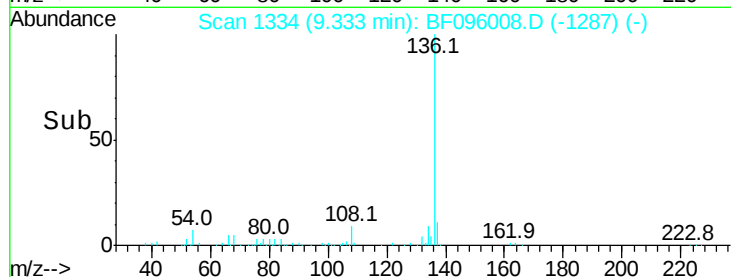
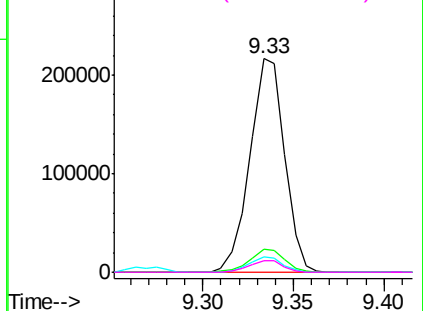
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.33 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	287692
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	7.3	4.9 7.3
68	5.5	4.1 6.1

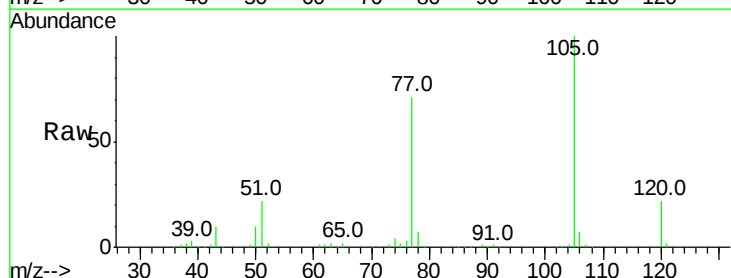


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

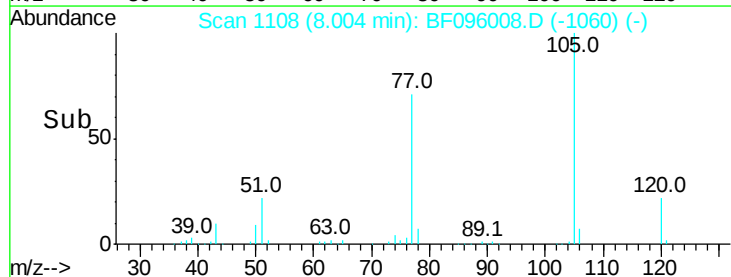
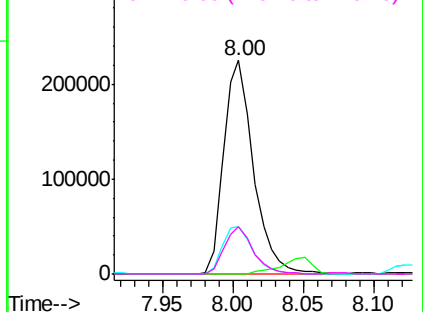


#22
Acetophenone
Concen: 48.93 ng
RT: 8.00 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Tgt Ion:105	Resp:	329462
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	22.5	30.7 46.1#
120	22.0	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

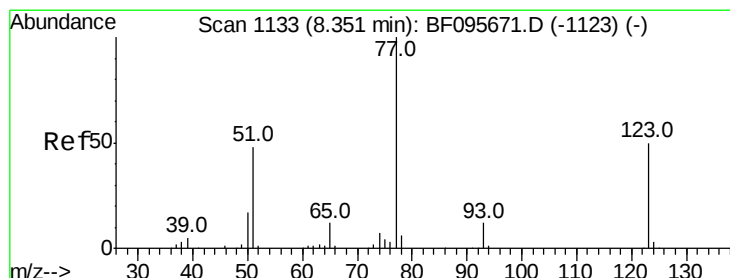
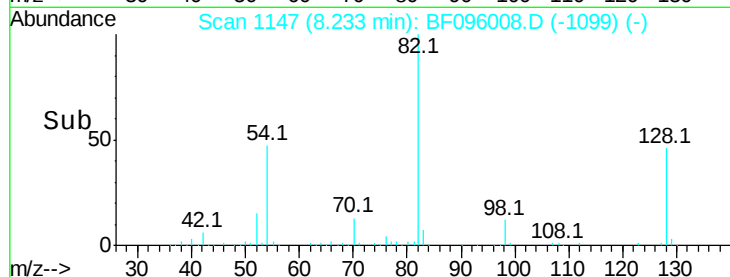
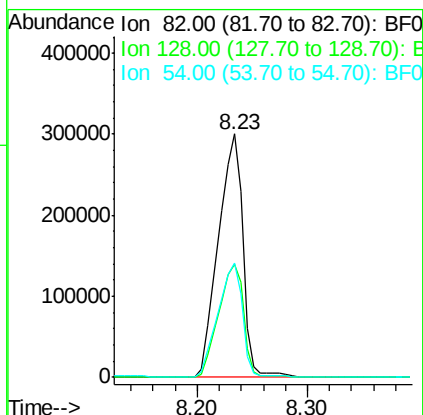
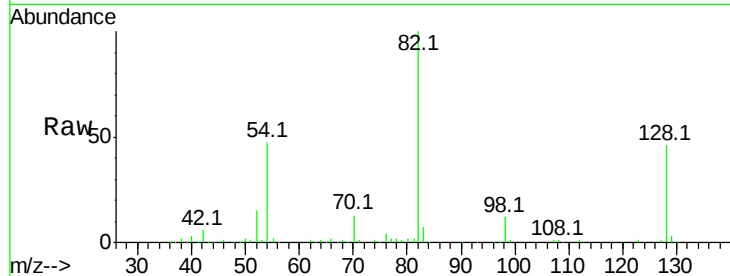




#23
 Nitrobenzene-d5
 Concen: 99.93 ng
 RT: 8.23 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

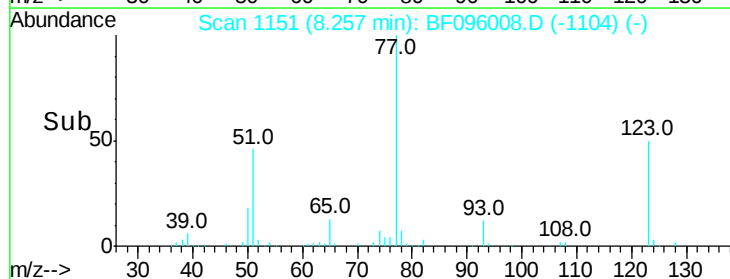
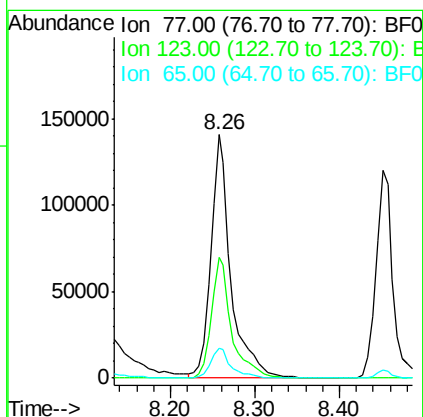
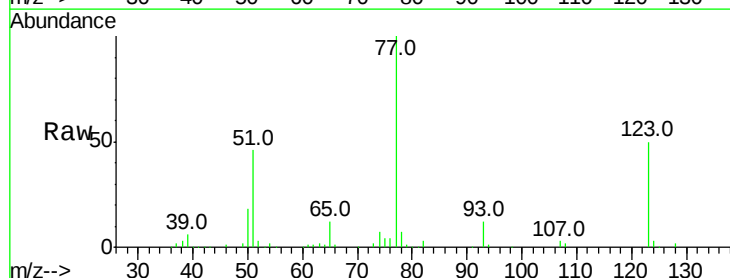
Instrument :
 BNA_F
 ClientSampleId :

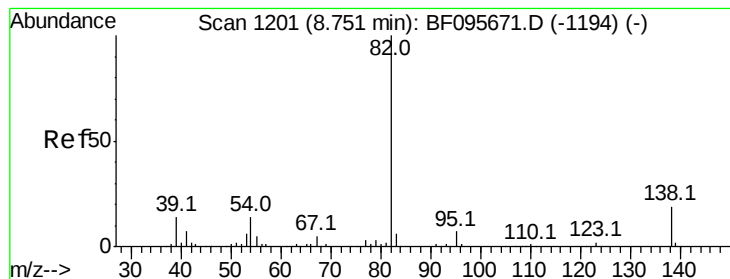
Tot Ion: 82 Resp: 462931
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 47.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 47.55 ng
 RT: 8.26 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion: 77 Resp: 235292
 Ion Ratio Lower Upper
 77 100
 123 49.7 35.8 53.8
 65 12.5 10.6 15.8





#25

Isophorone

Concen: 48.30 ng

RT: 8.66 min Scan# 1220

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :

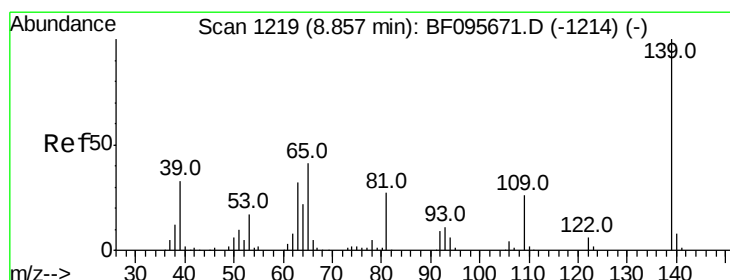
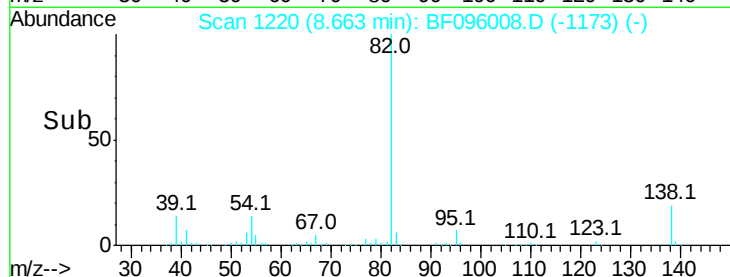
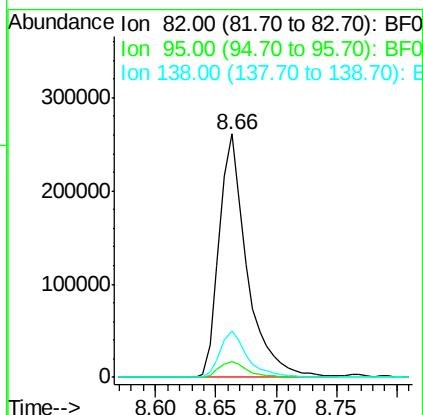
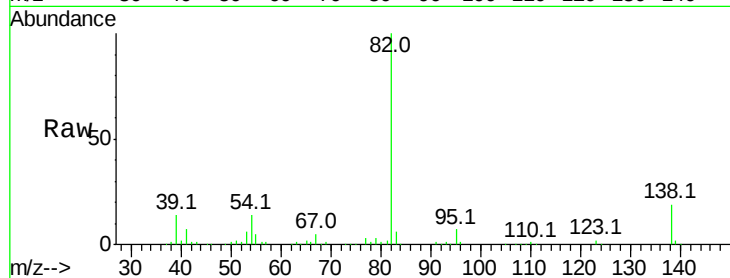
Tot Ion: 82 Resp: 417773

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 50.00 ng

RT: 8.77 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

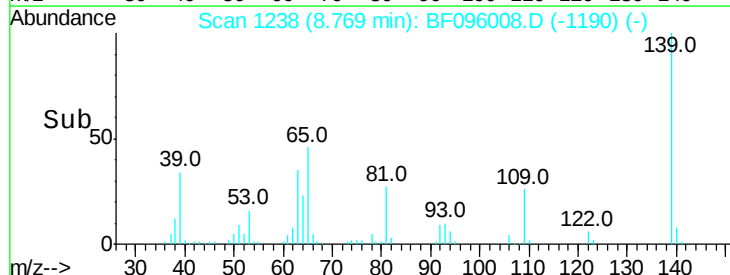
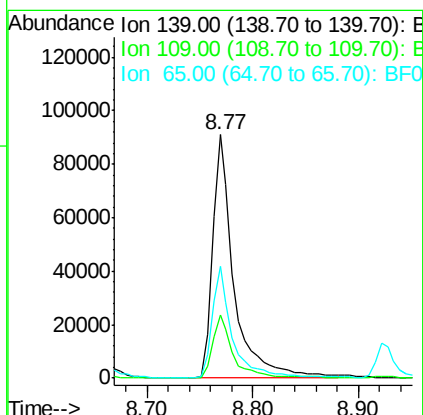
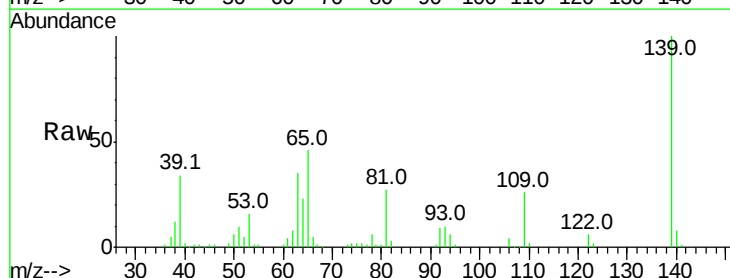
Tgt Ion:139 Resp: 129553

Ion Ratio Lower Upper

139 100

109 26.1 21.0 31.6

65 45.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 47.89 ng

RT: 8.93 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampled :

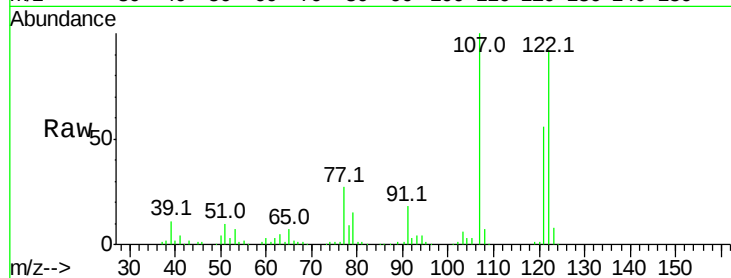
Tot Ion:122 Resp: 192598

Ion Ratio Lower Upper

122 100

107 108.6 89.2 133.8

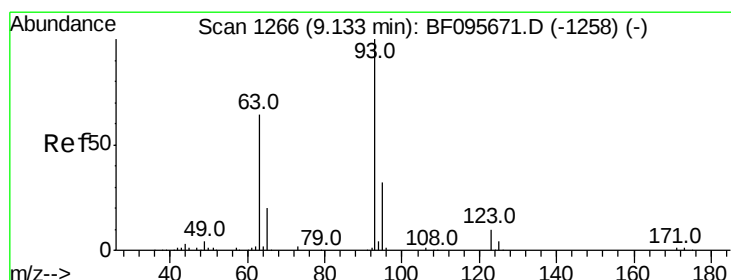
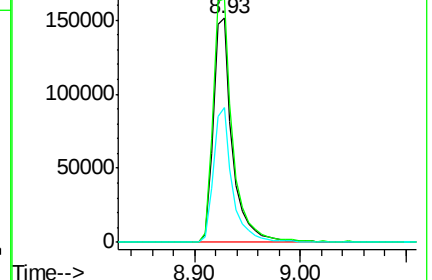
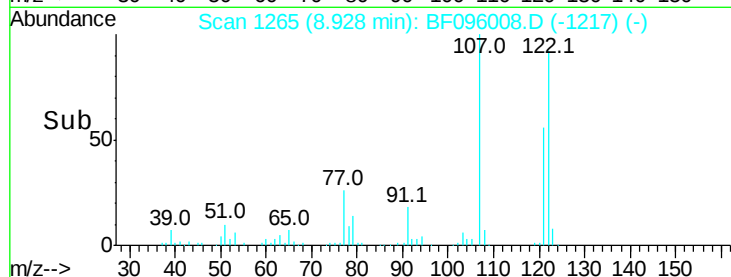
121 60.4 45.2 67.8



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: 48.40 ng

RT: 9.04 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

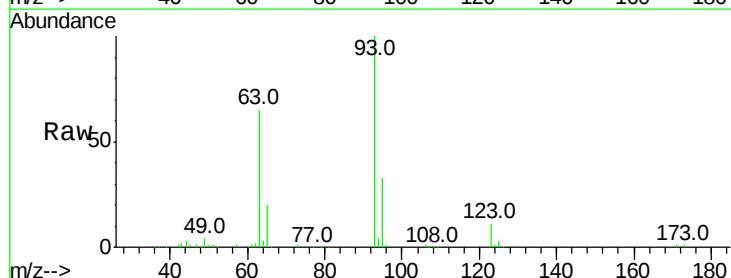
Tgt Ion: 93 Resp: 275970

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

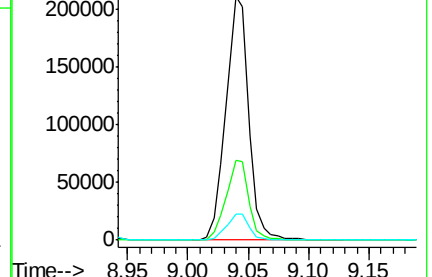
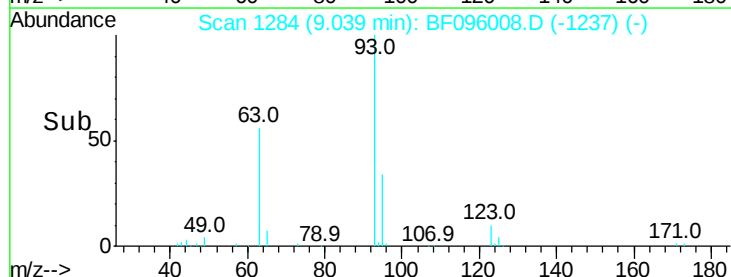
123 10.6 9.0 13.4

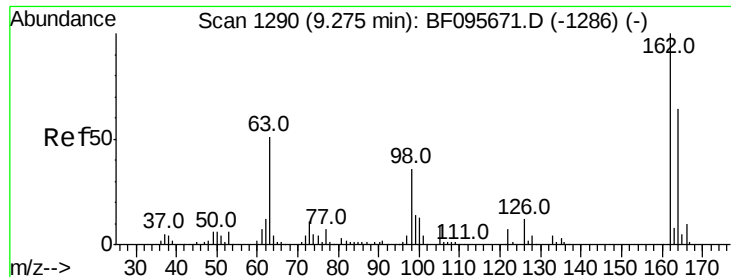


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

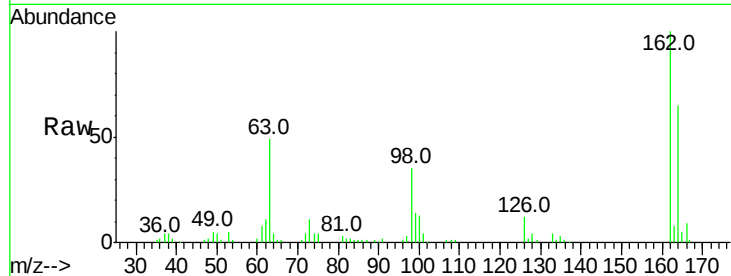




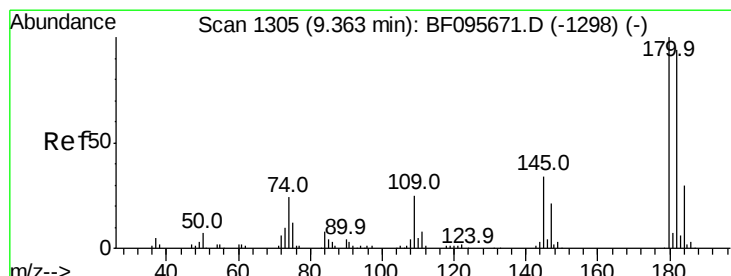
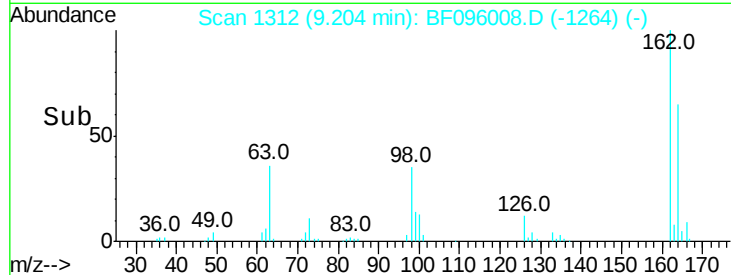
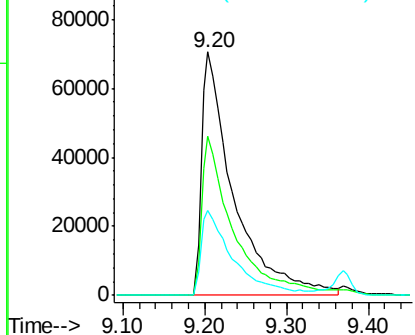
#29
 2,4-Dichlorophenol
 Concen: 49.83 ng
 RT: 9.20 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	162	Resp:	193003
Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.6	84.6
98	34.8	14.8	54.8

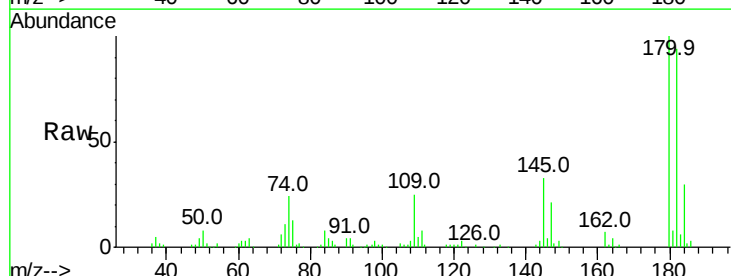


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

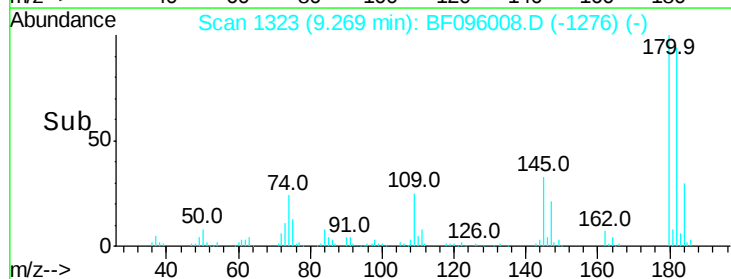
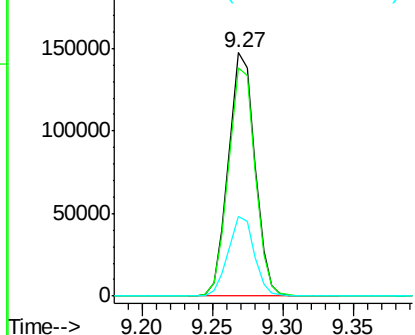


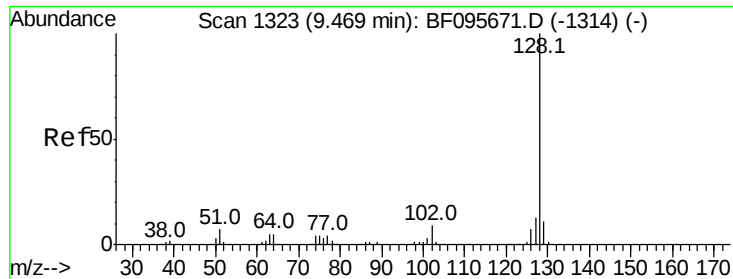
#30
 1,2,4-Trichlorobenzene
 Concen: 47.92 ng
 RT: 9.27 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion:	180	Resp:	193099
Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.8	113.6
145	32.6	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

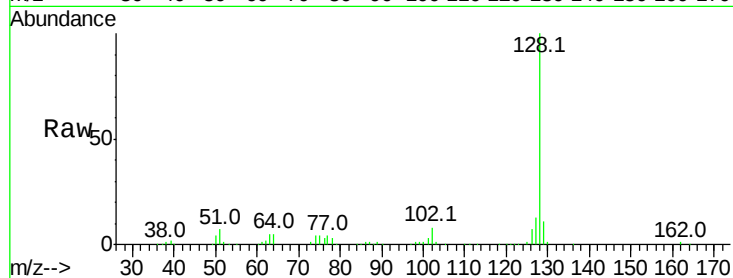




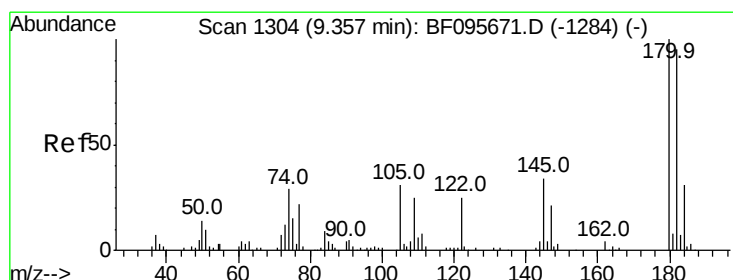
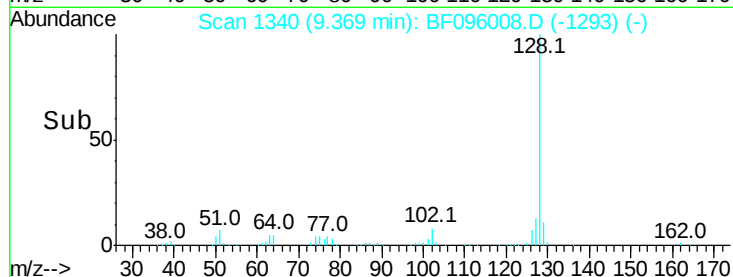
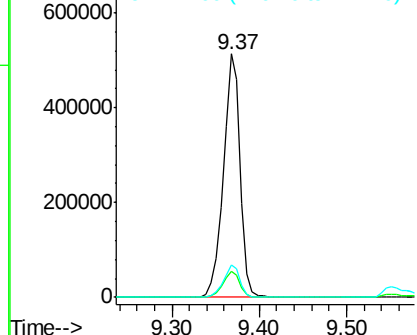
#31
Naphthalene
Concen: 46.90 ng
RT: 9.37 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 677098
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.3 10.8 16.2

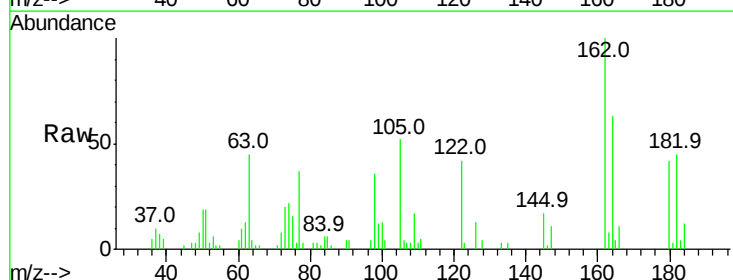


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

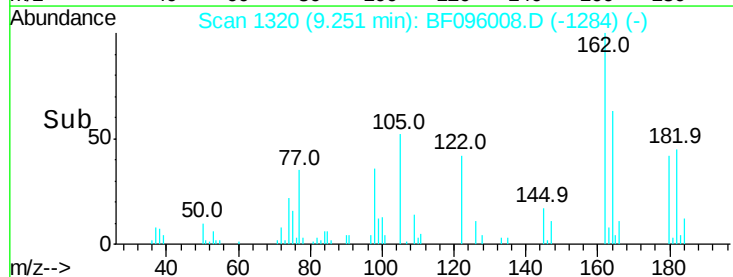
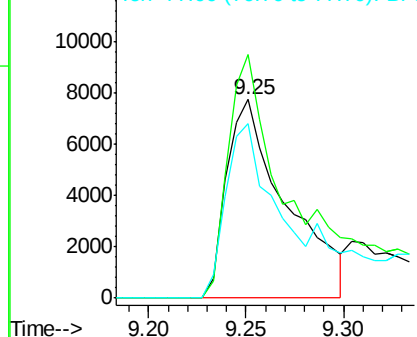


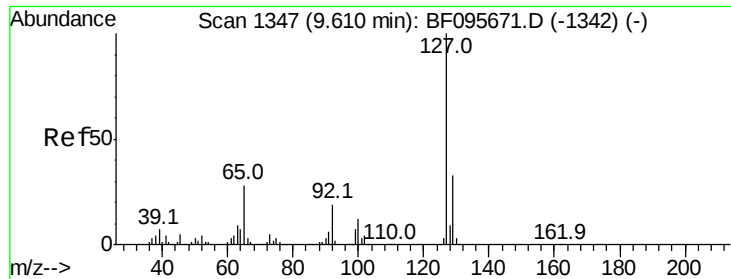
#32
Benzoic acid
Concen: 10.95 ng
RT: 9.25 min Scan# 1320
Delta R.T. -0.09 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Tgt Ion:122 Resp: 16422
Ion Ratio Lower Upper
122 100
105 122.6 103.3 143.3
77 87.6 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

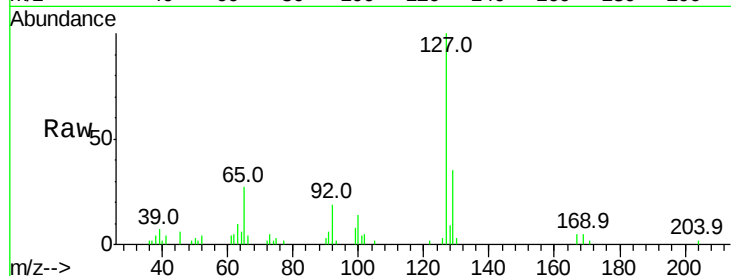




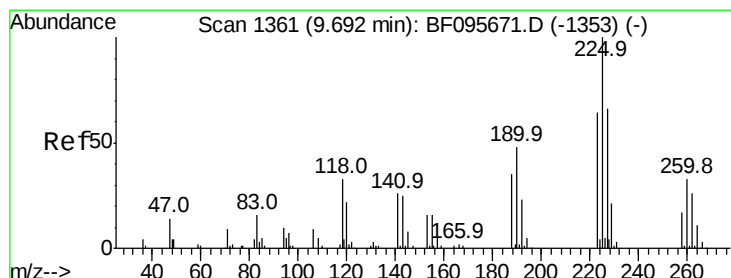
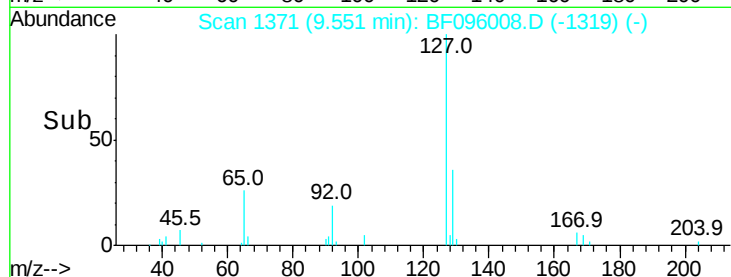
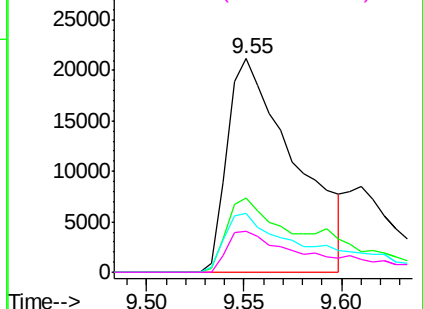
#33
4-Chloroaniline
Concen: 9.00 ng
RT: 9.55 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	50787
Ion	Ratio	Lower	Upper
127	100		
129	34.9	26.2	39.2
65	27.3	27.8	41.8#
92	19.0	16.8	25.2

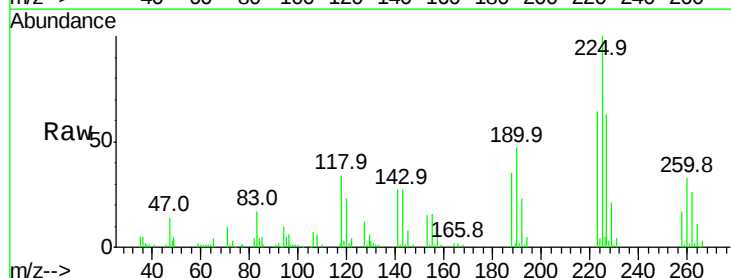


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

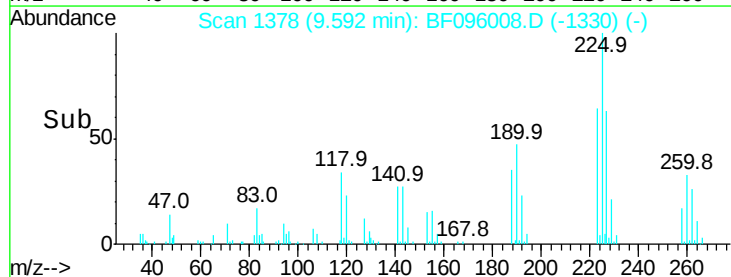
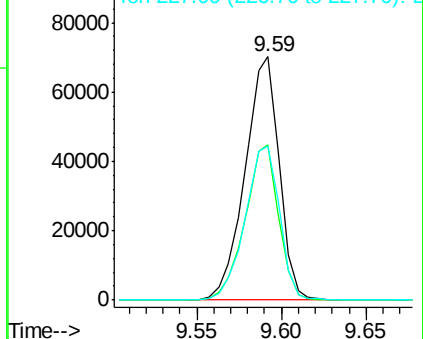


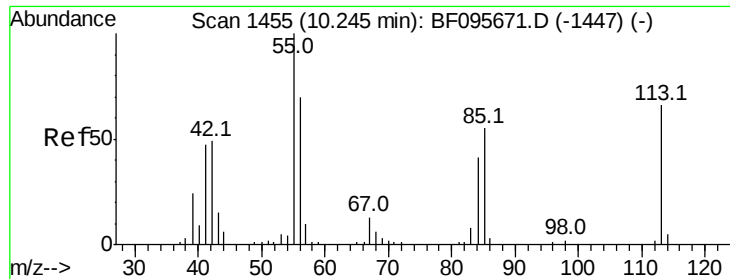
#34
Hexachlorobutadiene
Concen: 47.47 ng
RT: 9.59 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Tgt Ion:	225	Resp:	98838
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.8	73.2
227	63.4	51.1	76.7



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





#35

Caprolactam

Concen: 28.05 ng

RT: 10.16 min Scan# 1475

Delta R.T. -0.04 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :

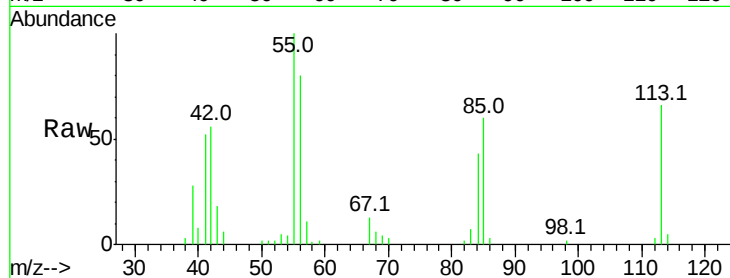
Tot Ion:113 Resp: 32325

Ion Ratio Lower Upper

113 100

55 150.9 150.2 190.2

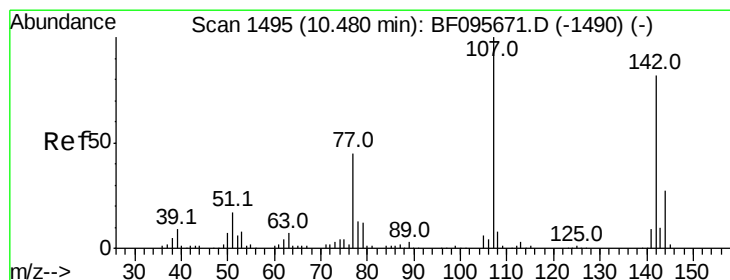
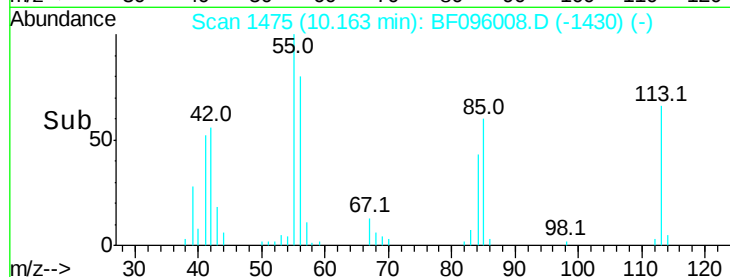
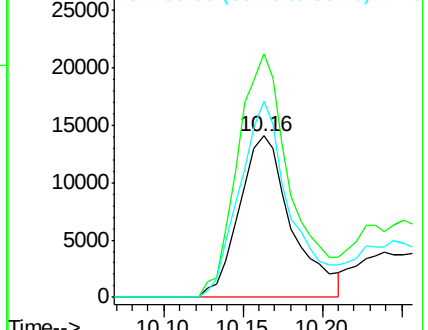
56 121.4 107.8 147.8



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: 49.22 ng

RT: 10.42 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

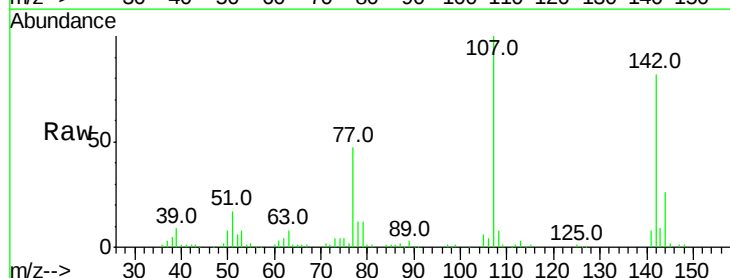
Tgt Ion:107 Resp: 199545

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

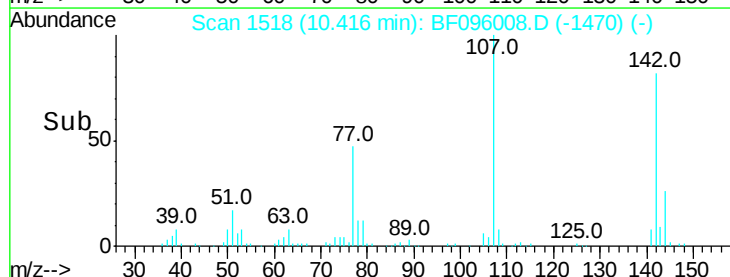
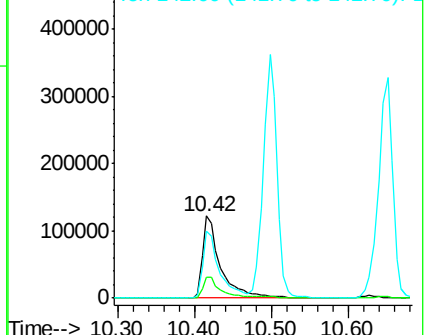
142 82.2 73.4 110.0

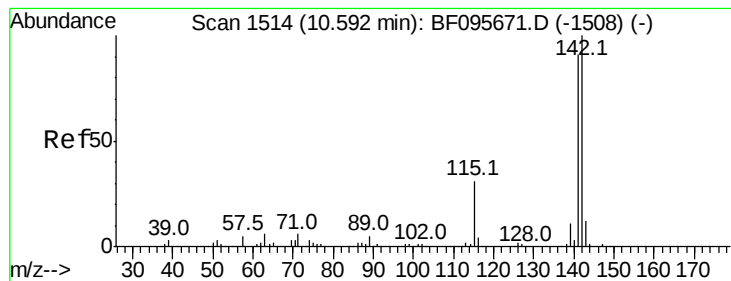


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.63 ng

RT: 10.50 min Scan# 1532

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampled :

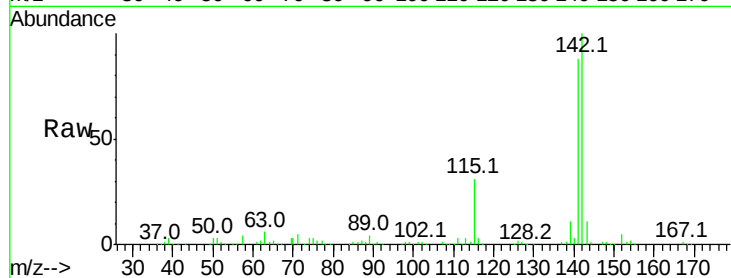
Tot Ion:142 Resp: 454892

Ion Ratio Lower Upper

142 100

141 88.3 71.3 106.9

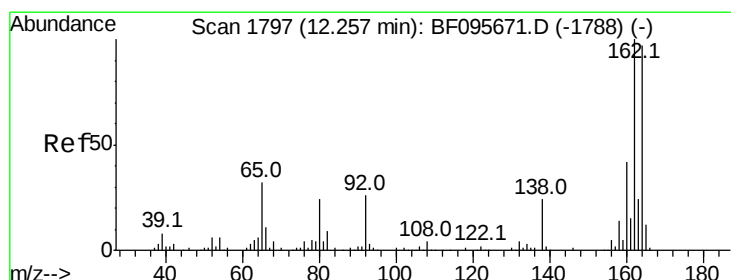
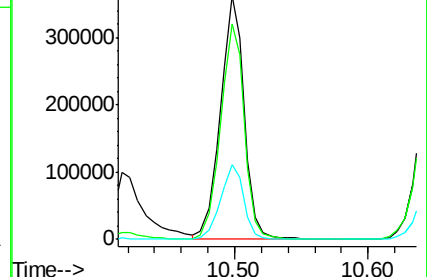
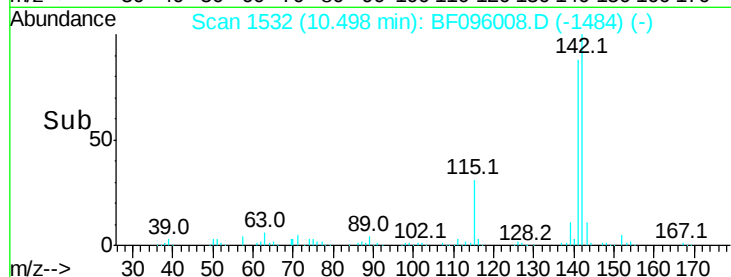
115 30.9 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.16 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

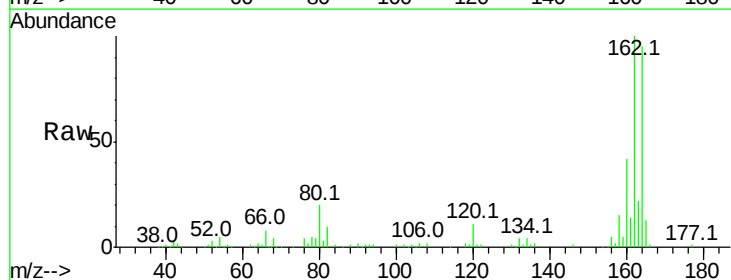
Tgt Ion:164 Resp: 124871

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

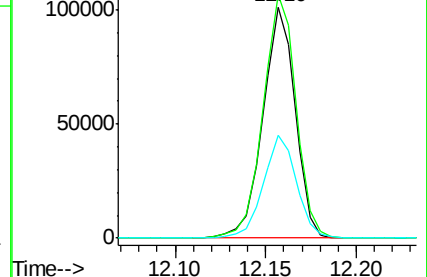
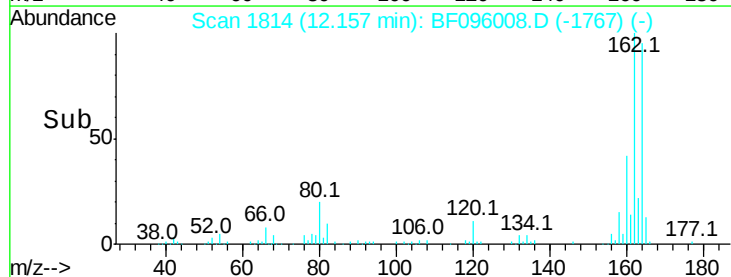
160 44.7 36.2 54.2

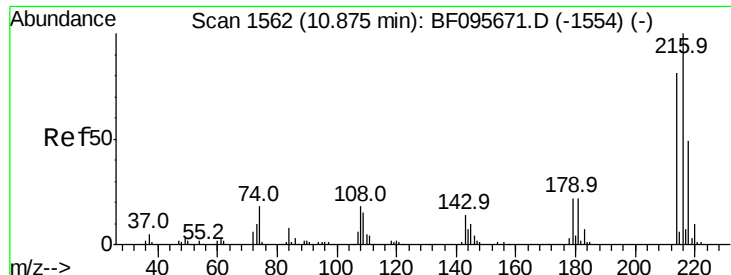


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.57 ng

RT: 10.78 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 177781

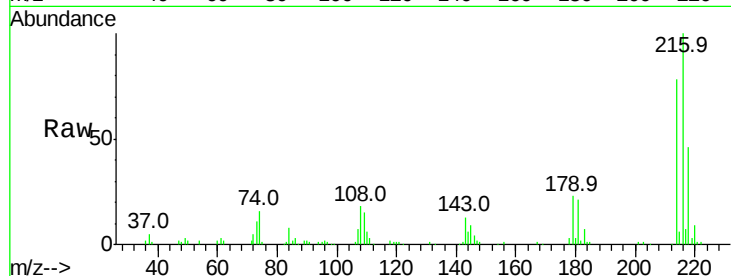
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 22.4 17.9 26.9

108 19.4 16.5 24.7

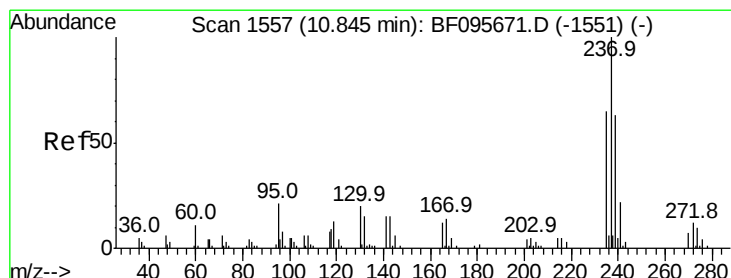
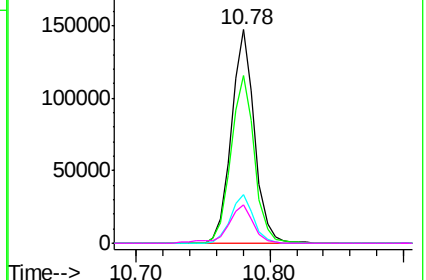
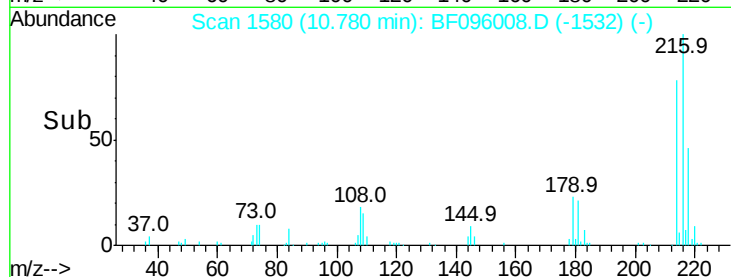


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.02 ng

RT: 10.75 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

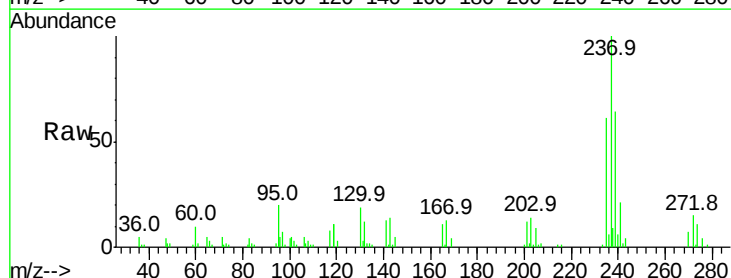
Tgt Ion:237 Resp: 54212

Ion Ratio Lower Upper

237 100

235 61.4 42.6 82.6

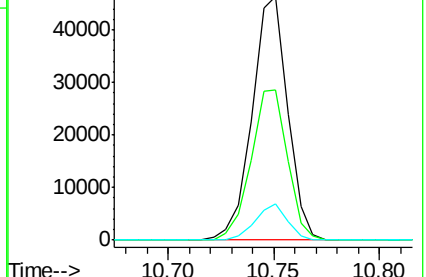
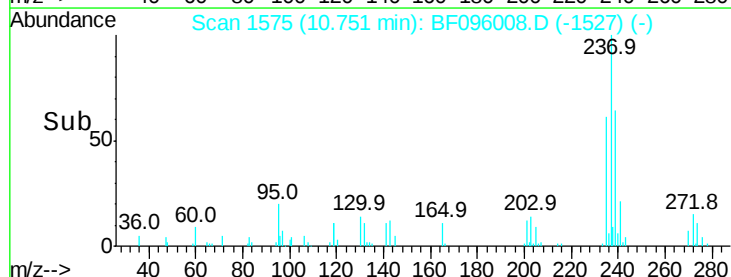
272 15.0 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

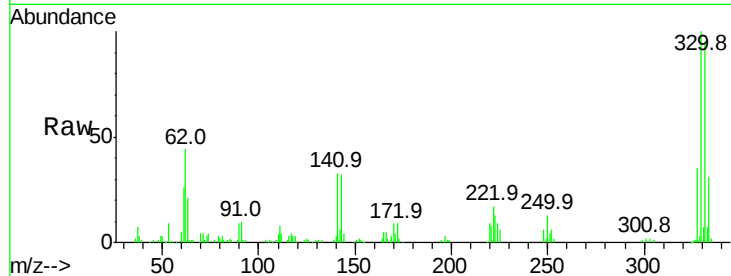




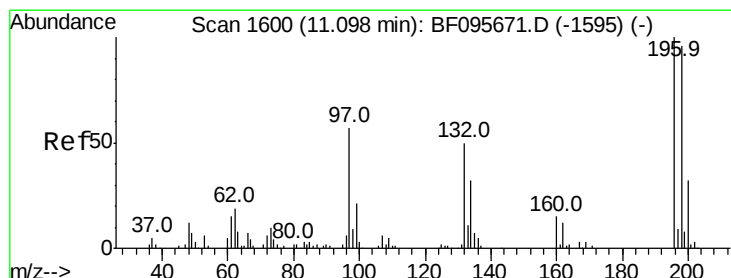
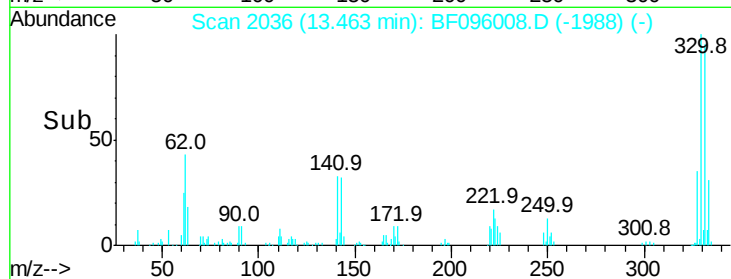
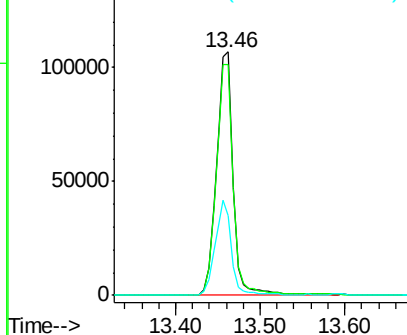
#41
 2,4,6-Tribromophenol
 Concen: 135.74 ng
 RT: 13.46 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	38.4	31.4	47.2

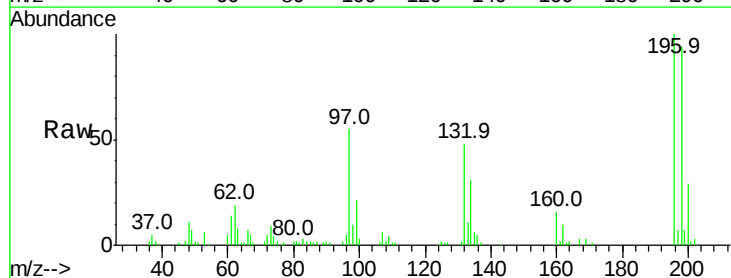


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

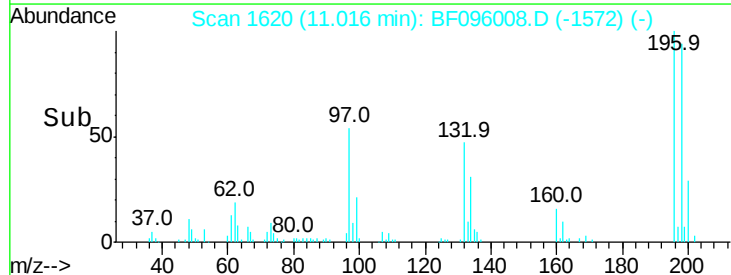
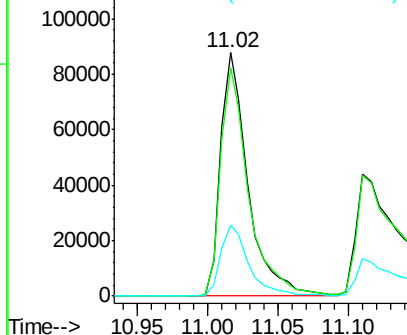


#42
 2,4,6-Trichlorophenol
 Concen: 49.73 ng
 RT: 11.02 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.2	111.4
200	29.1	24.0	36.0



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

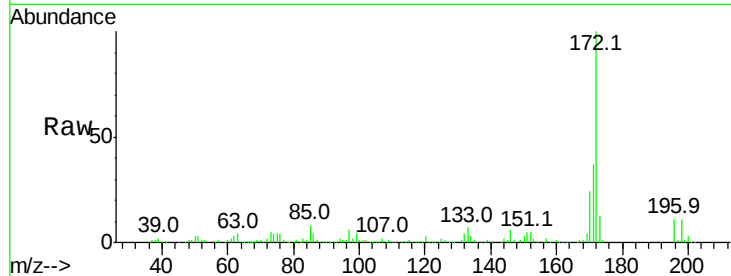




#43
 2,4,5-Trichlorophenol
 Concen: 44.19 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	112931
Ion Ratio	100	Lower	Upper
196	100		
198	99.0	75.7	113.5
97	51.8	47.7	71.5
132	36.4	28.0	42.0



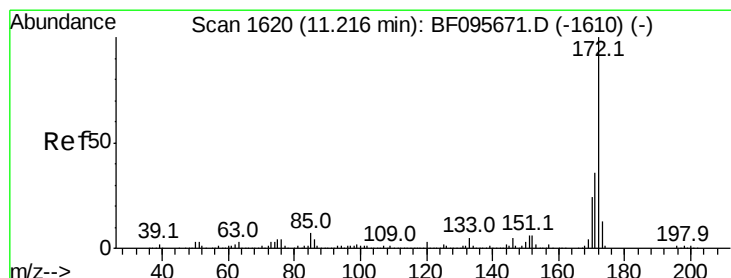
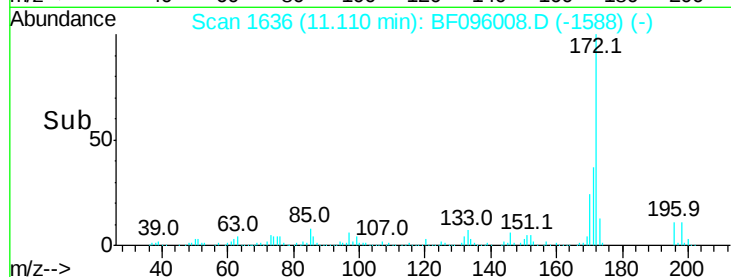
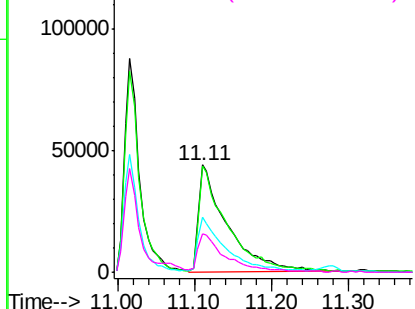
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

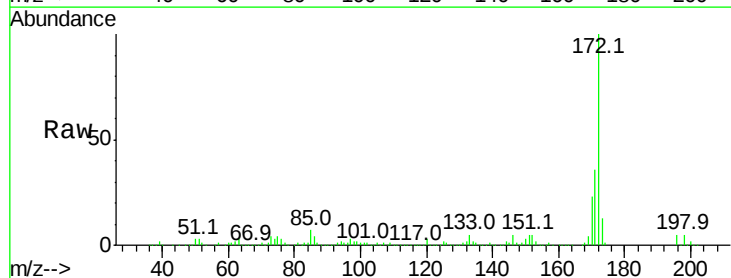
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.20 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion	172	Resp	890193
Ion Ratio	100	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.5	19.8	29.8

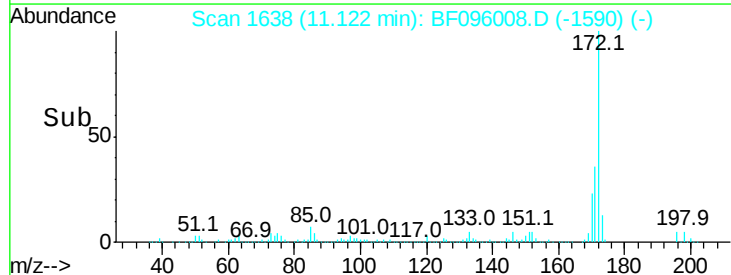
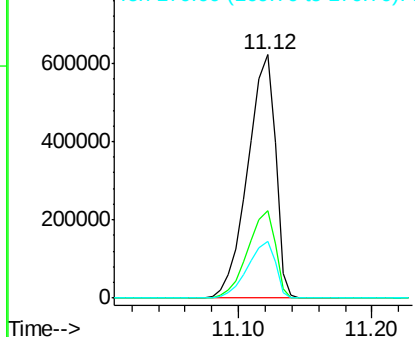


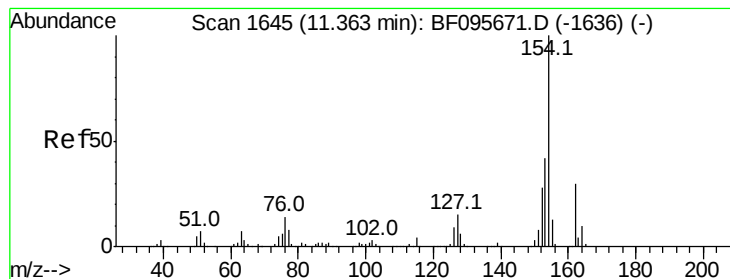
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 48.79 ng

RT: 11.27 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampled :

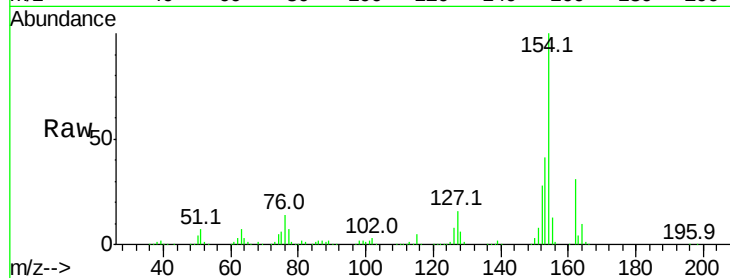
Tot Ion:154 Resp: 502101

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

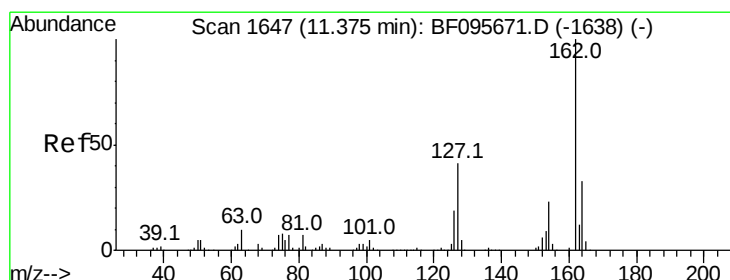
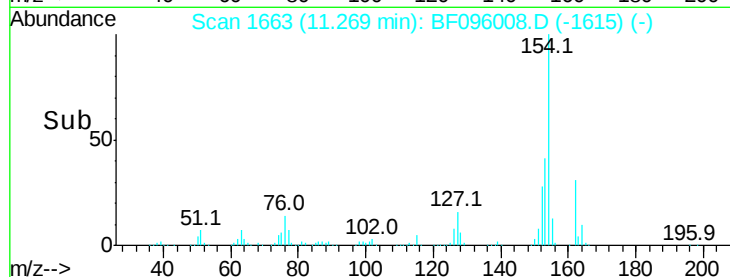
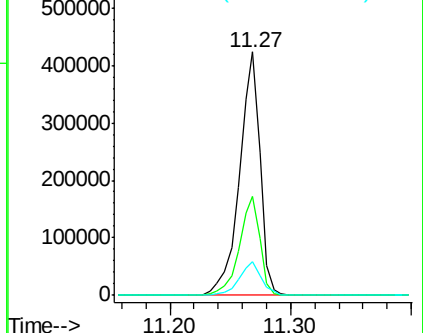
76 13.8 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.43 ng

RT: 11.28 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

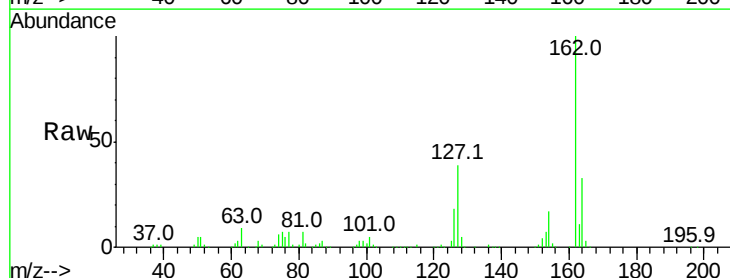
Tgt Ion:162 Resp: 389408

Ion Ratio Lower Upper

162 100

127 39.5 28.3 42.5

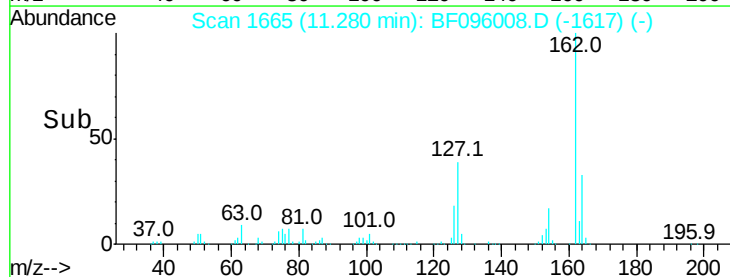
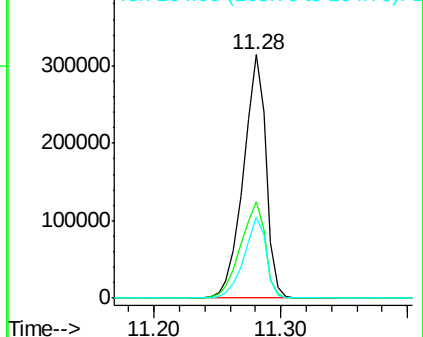
164 33.2 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

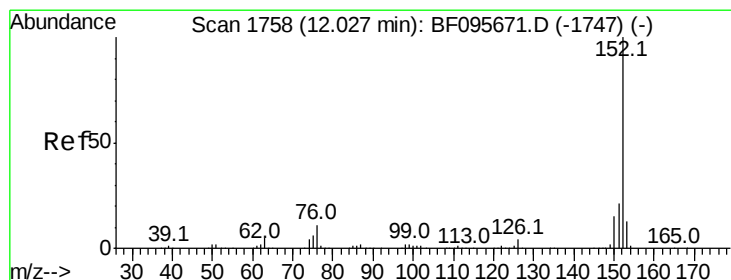
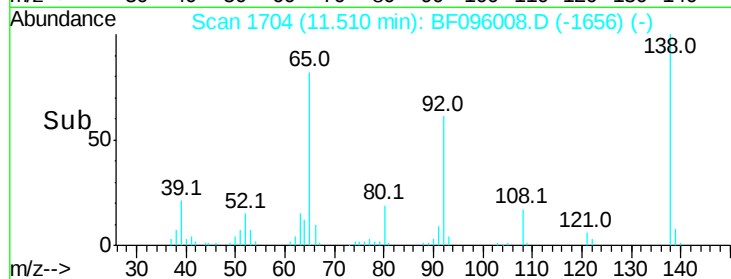
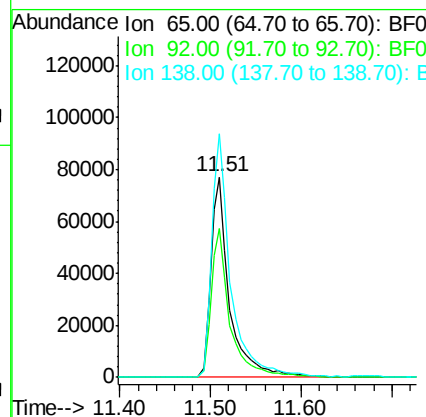
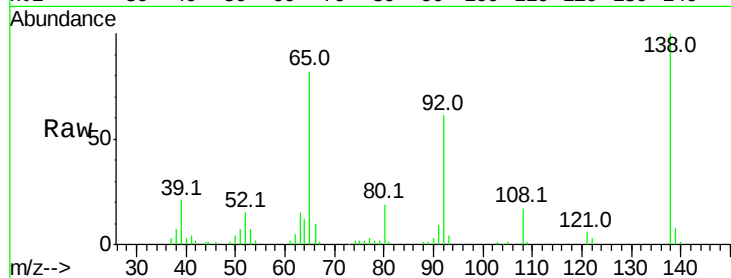




#47
 2-Nitroaniline
 Concen: 47.57 ng
 RT: 11.51 min Scan# 1704
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

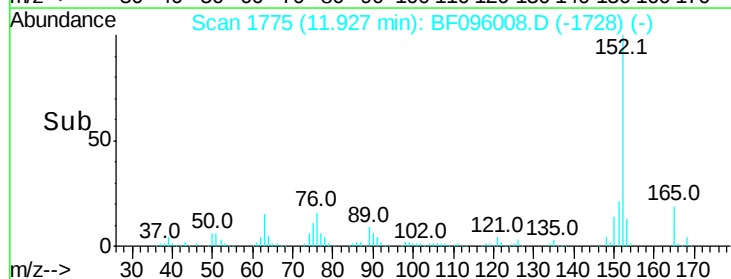
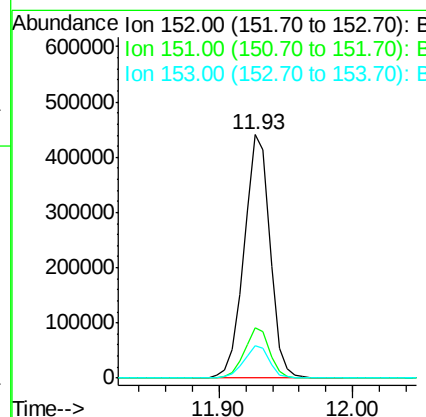
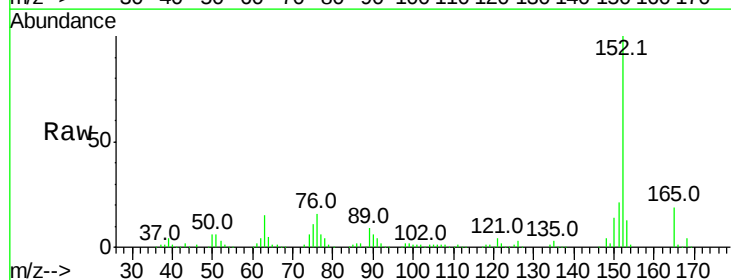
Instrument :
 BNA_F
 ClientSampleId :

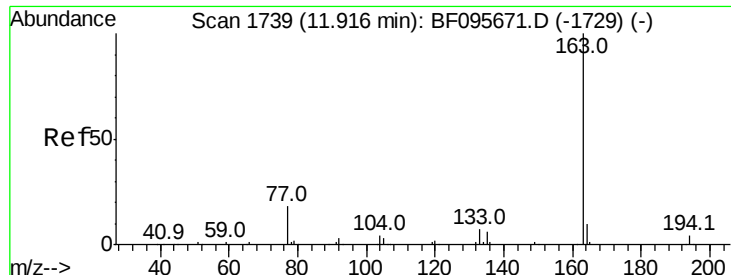
Tot Ion: 65 Resp: 111943
 Ion Ratio Lower Upper
 65 100
 92 74.3 53.9 80.9
 138 121.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.94 ng
 RT: 11.93 min Scan# 1775
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion: 152 Resp: 590392
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 61.17 ng

RT: 11.83 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :

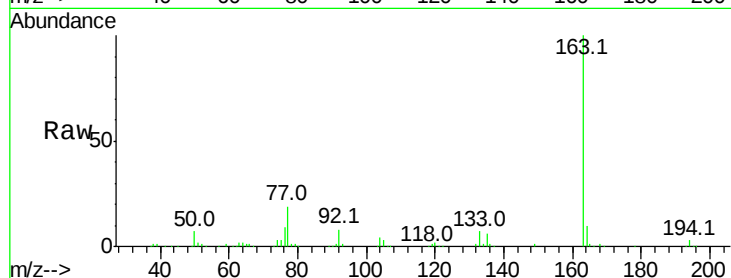
Tot Ion:163 Resp: 579937

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

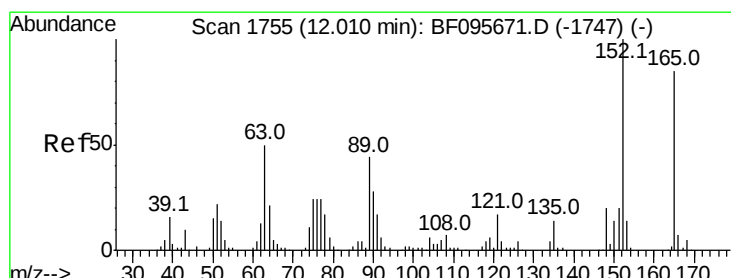
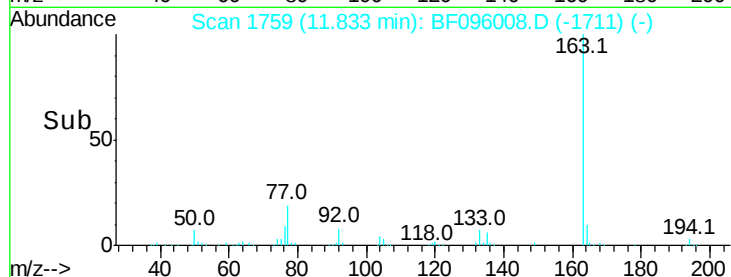
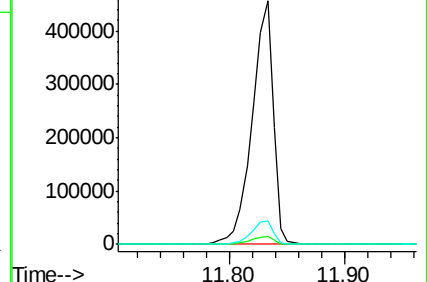
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.47 ng

RT: 11.93 min Scan# 1775

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

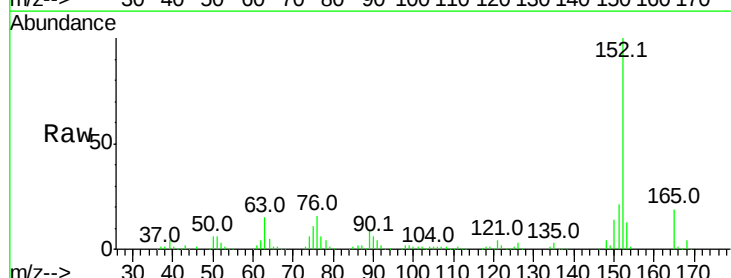
Tgt Ion:165 Resp: 94030

Ion Ratio Lower Upper

165 100

63 79.3 34.3 51.5#

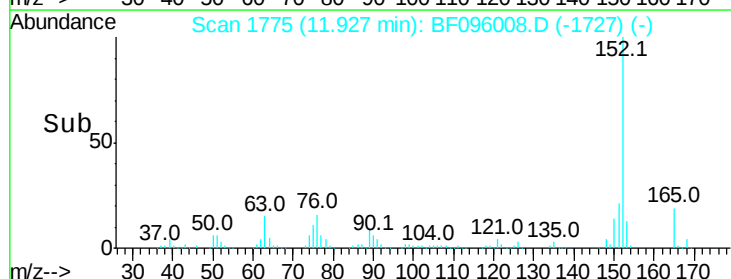
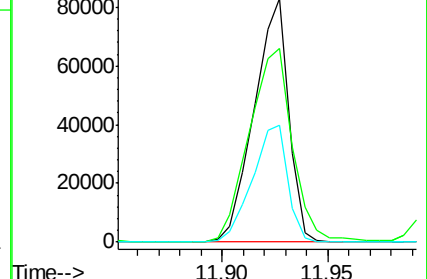
89 48.1 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.57 ng

RT: 12.21 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :

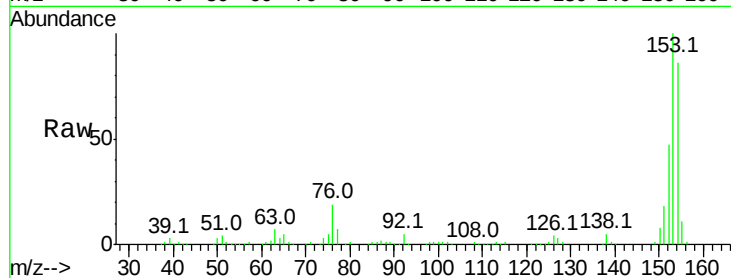
Tot Ion:154 Resp: 353988

Ion Ratio Lower Upper

154 100

153 115.7 90.5 135.7

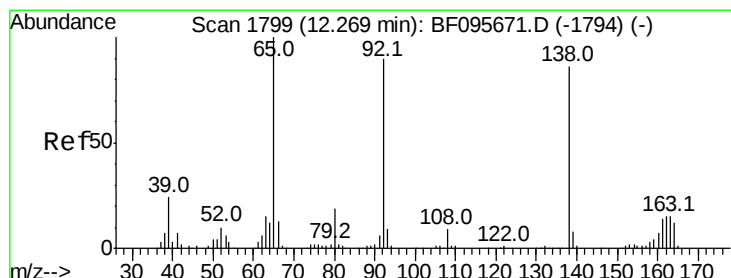
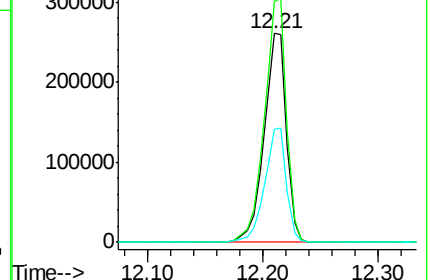
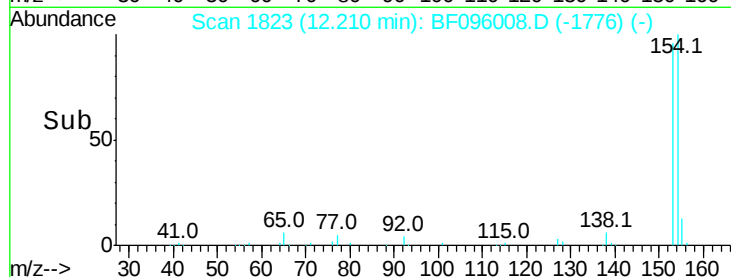
152 54.3 43.6 65.4



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: 24.77 ng

RT: 12.19 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

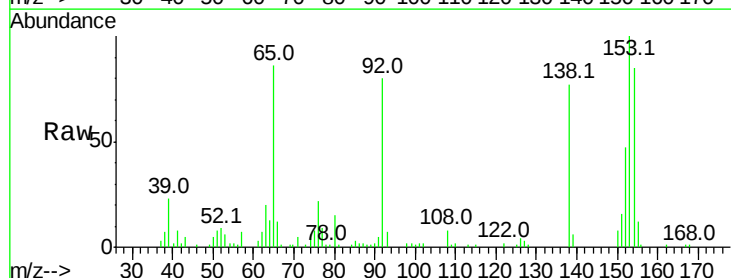
Tgt Ion:138 Resp: 59684

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

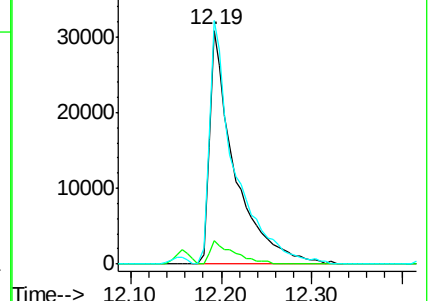
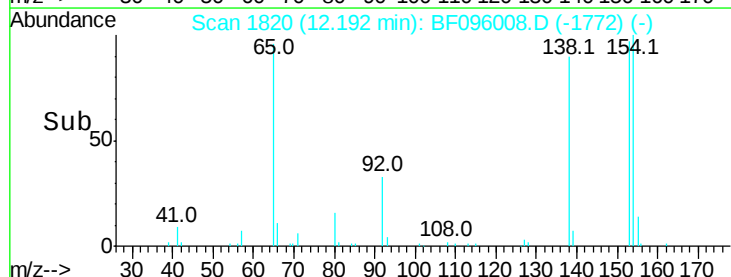
92 104.2 93.8 140.6

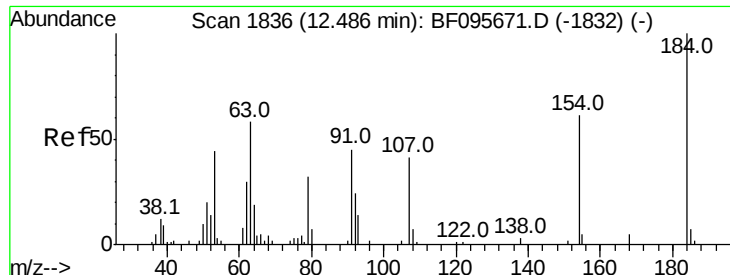


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

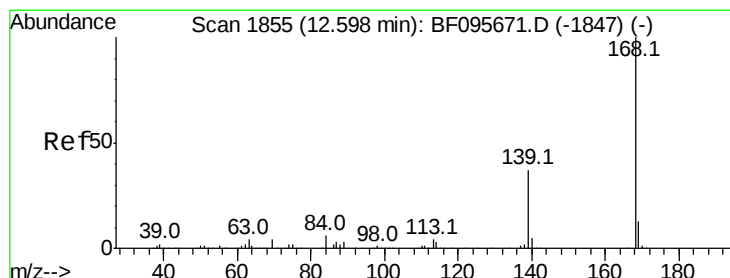
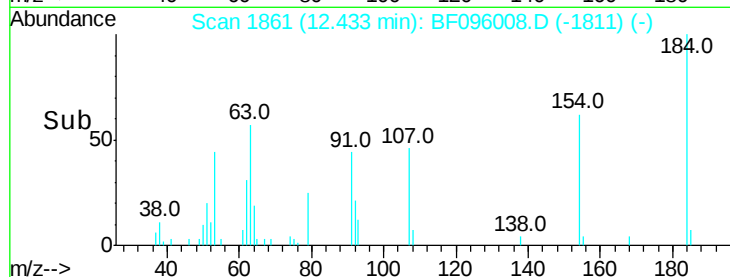
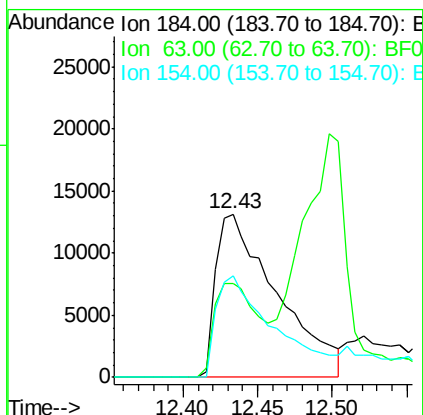
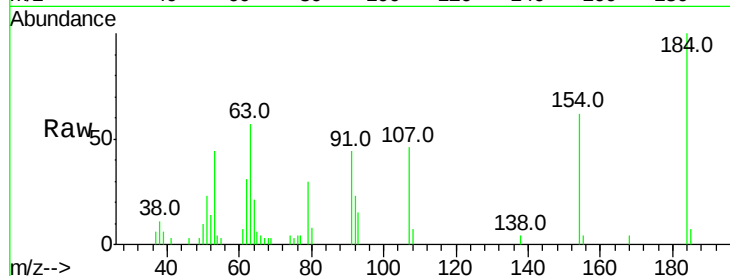




#53
 2,4-Dinitrophenol
 Concen: 35.94 ng
 RT: 12.43 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

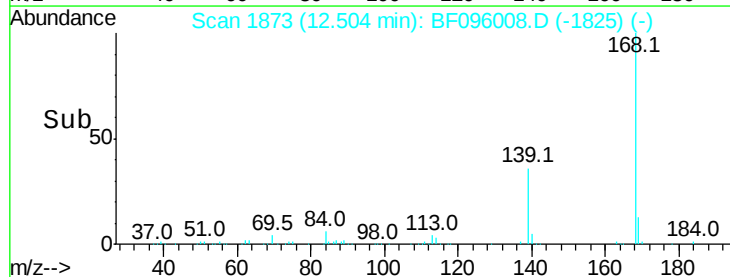
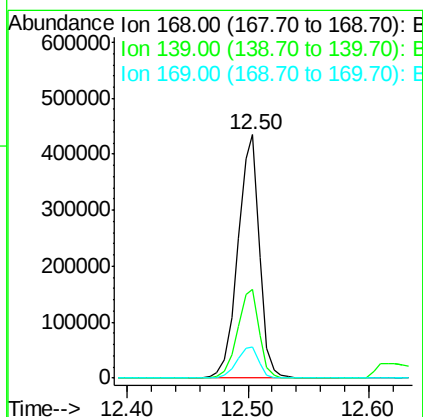
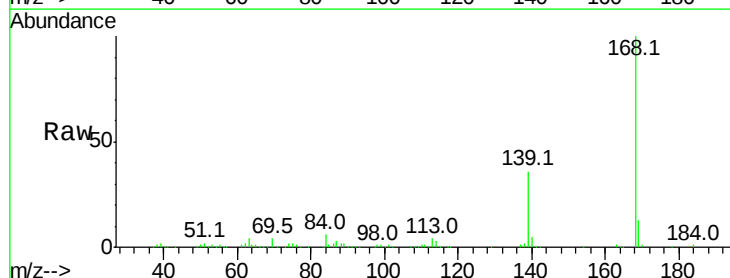
Instrument :
 BNA_F
 ClientSampled :

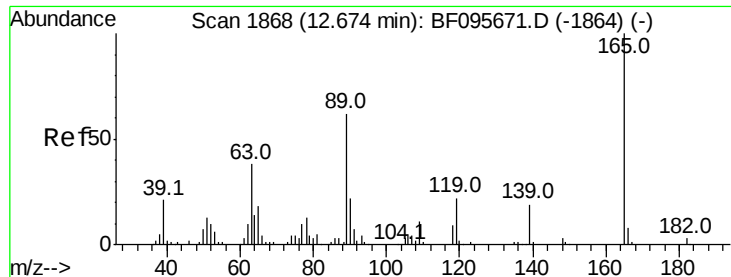
Tot Ion:184 Resp: 37536
 Ion Ratio Lower Upper
 184 100
 63 57.5 62.7 94.1#
 154 62.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 48.20 ng
 RT: 12.50 min Scan# 1873
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion:168 Resp: 538743
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.6 45.8
 169 12.7 10.8 16.2

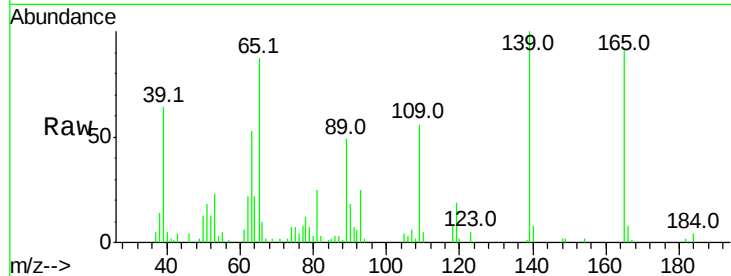




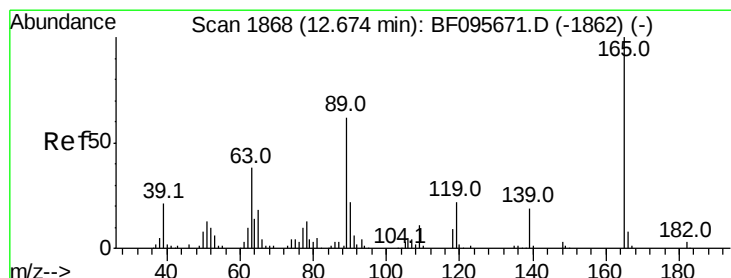
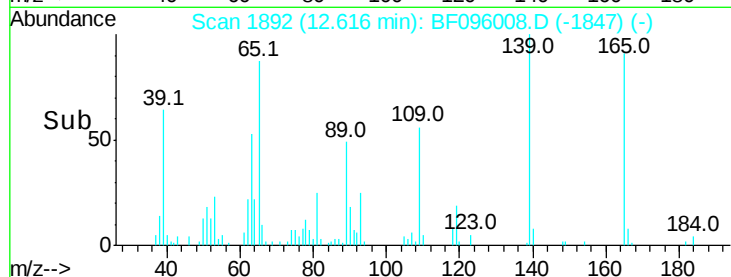
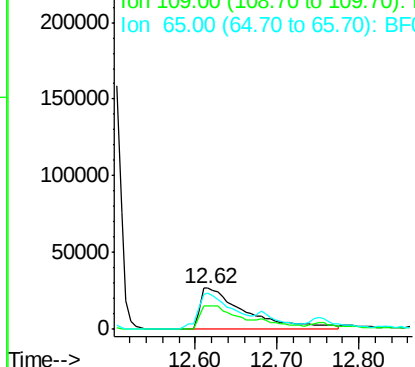
#55
4-Nitrophenol
Concen: 75.16 ng
RT: 12.62 min Scan# 1892
Delta R.T. -0.04 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 105314
Ion Ratio Lower Upper
139 100
109 56.2 34.1 74.1
65 87.3 31.4 71.4#



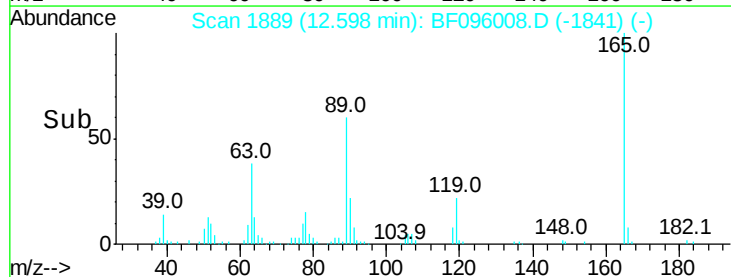
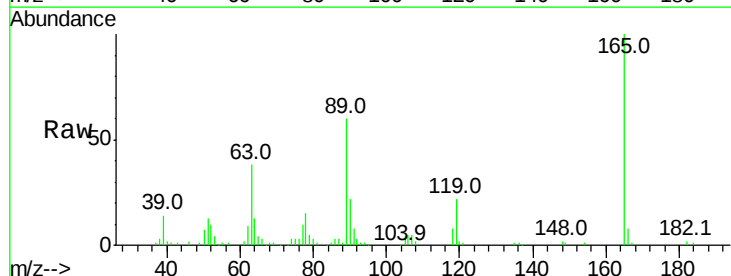
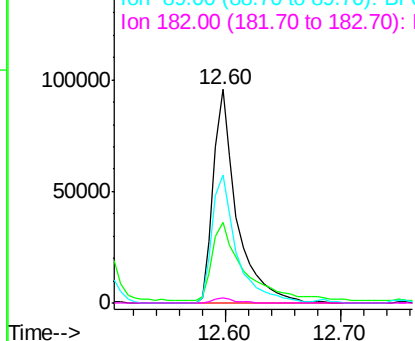
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

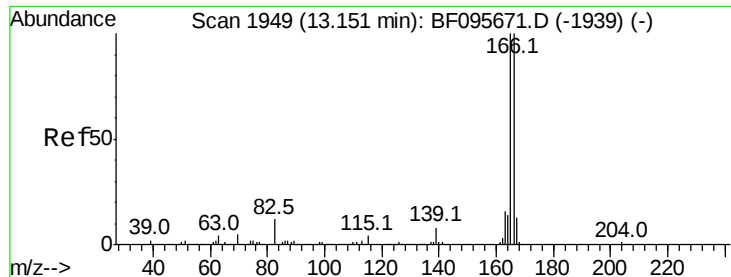


#56
2,4-Dinitrotoluene
Concen: 48.52 ng
RT: 12.60 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Tgt Ion:165 Resp: 135515
Ion Ratio Lower Upper
165 100
63 37.7 25.4 38.0
89 60.1 46.4 69.6
182 2.4 1.8 2.6

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





#57

Fluorene

Concen: 44.56 ng

RT: 13.05 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :

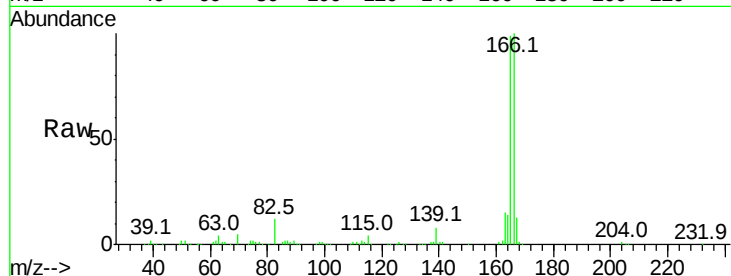
Tot Ion:166 Resp: 433448

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

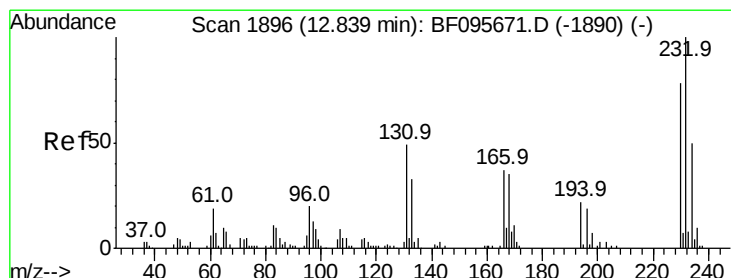
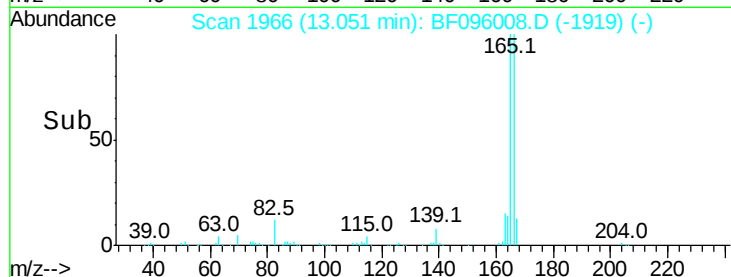
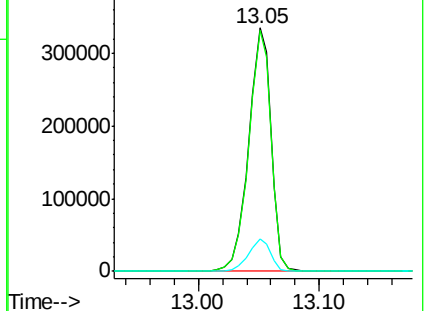
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.71 ng

RT: 12.76 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Tgt Ion:232 Resp: 88684

Ion Ratio Lower Upper

232 100

131 48.3 44.8 67.2

130 1.9 2.3 3.5#

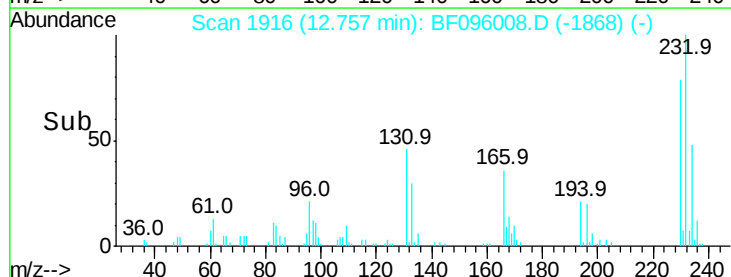
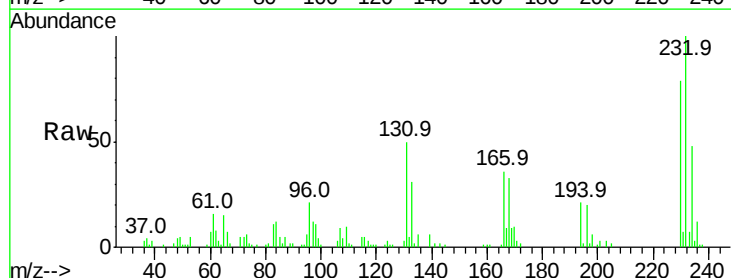
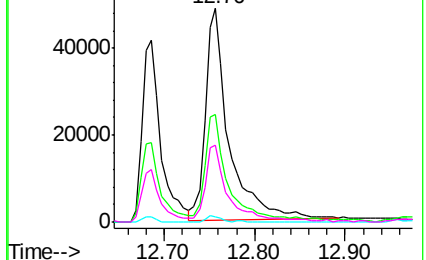
166 33.2 29.0 43.4

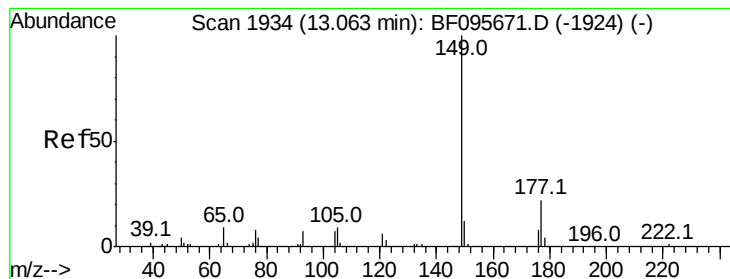
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.55 ng

RT: 12.97 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :

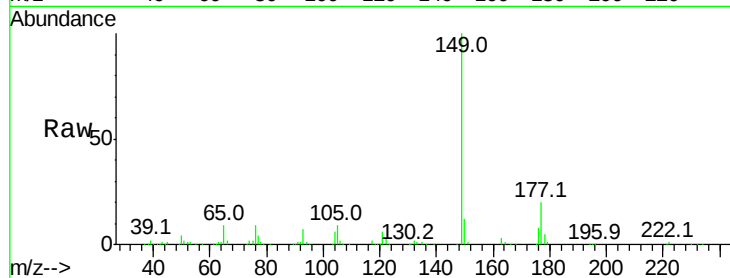
Tot Ion:149 Resp: 443001

Ion Ratio Lower Upper

149 100

177 20.4 16.7 25.1

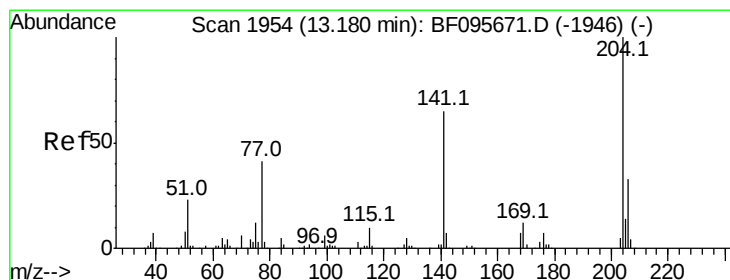
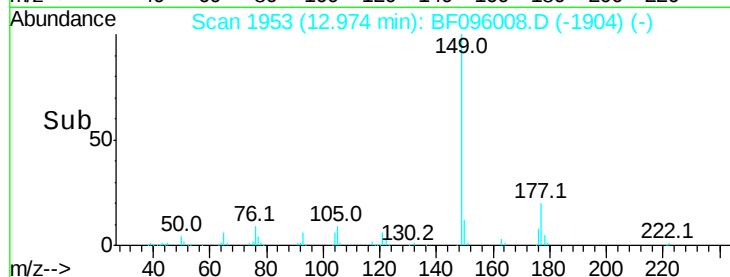
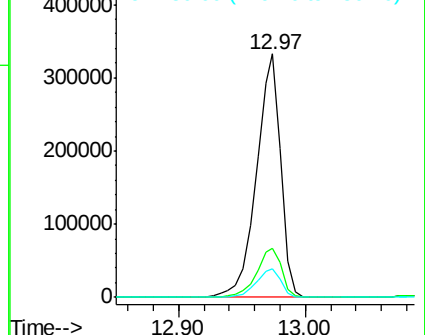
150 11.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.70 ng

RT: 13.08 min Scan# 1971

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

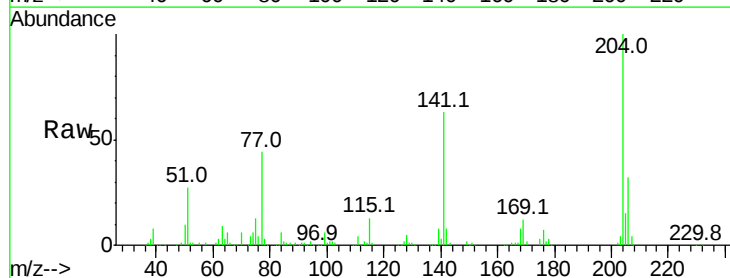
Tgt Ion:204 Resp: 197552

Ion Ratio Lower Upper

204 100

206 31.9 26.2 39.2

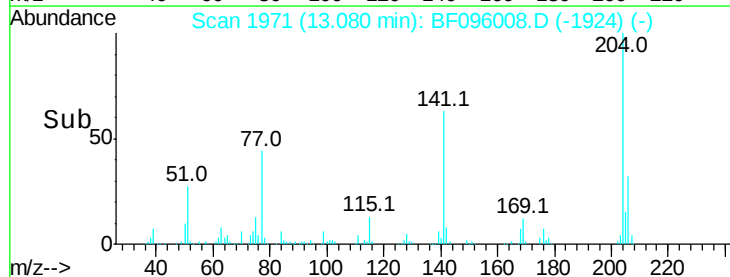
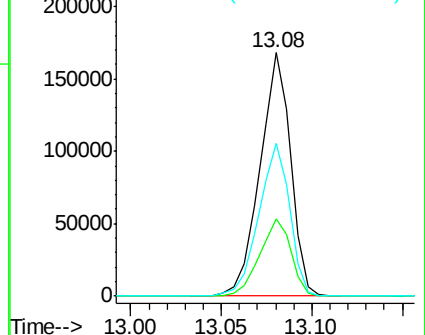
141 62.8 60.8 91.2

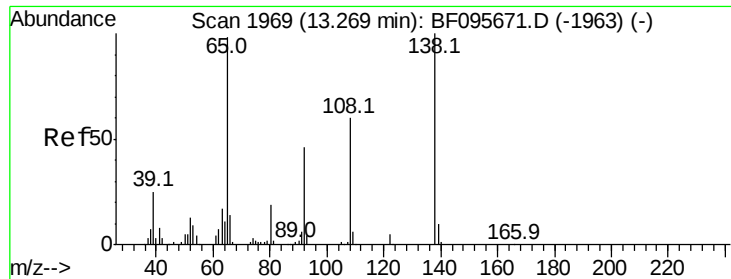


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

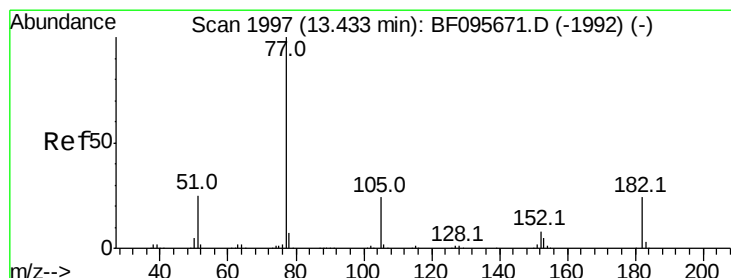
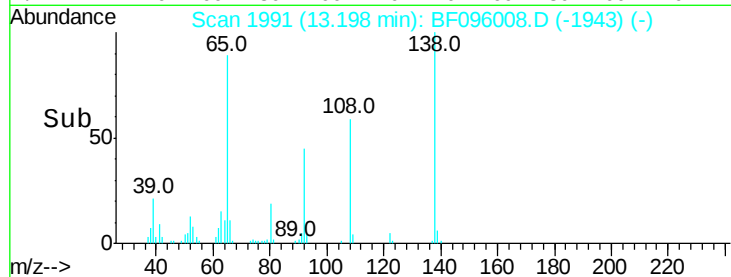
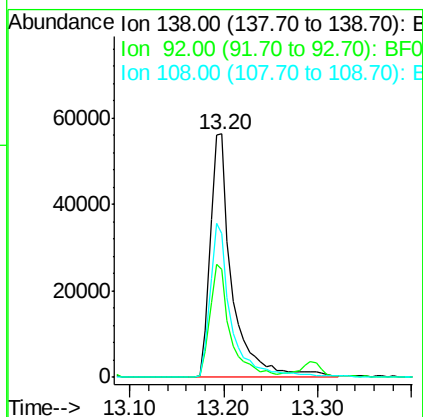
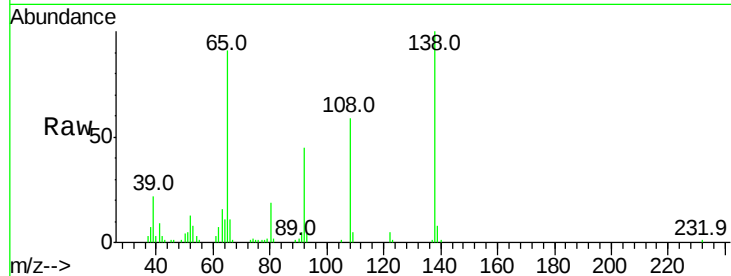




#61
4-Nitroaniline
Concen: 41.35 ng
RT: 13.20 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

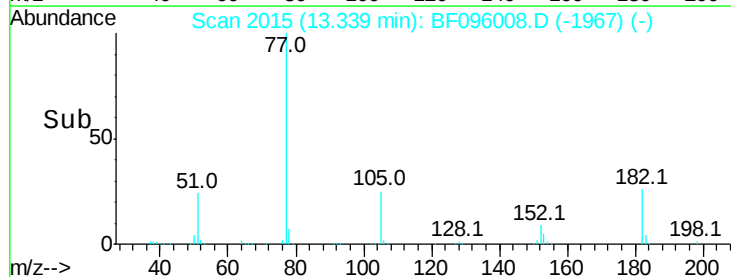
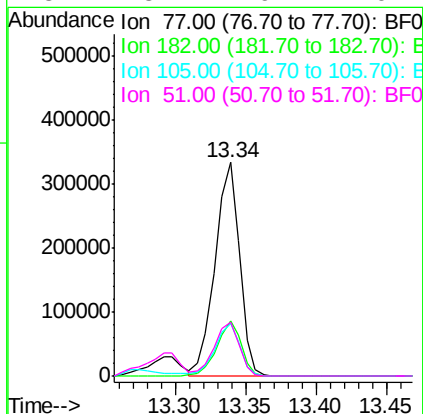
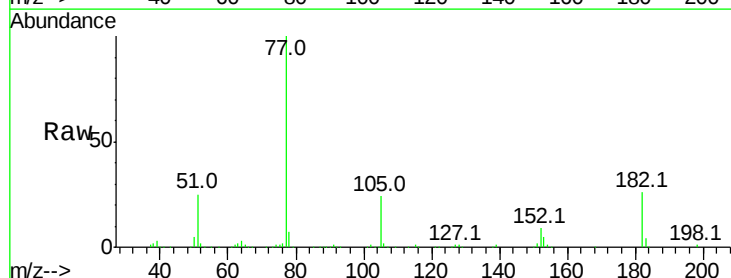
Instrument :
BNA_F
ClientSampleId :

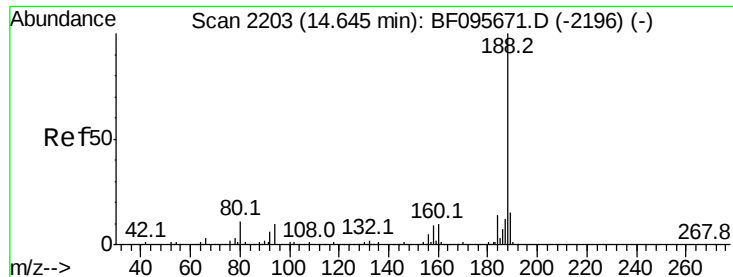
Tot Ion:138 Resp: 93014
Ion Ratio Lower Upper
138 100
92 44.6 21.8 61.8
108 59.1 42.3 82.3



#62
Azobenzene
Concen: 48.72 ng
RT: 13.34 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Tgt Ion: 77 Resp: 402882
Ion Ratio Lower Upper
77 100
182 25.6 0.1 40.1
105 24.3 3.6 43.6
51 25.4 9.4 49.4

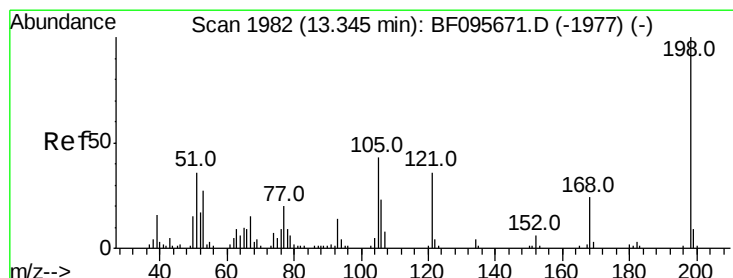
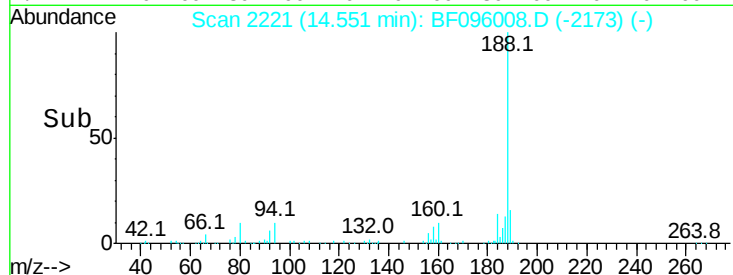
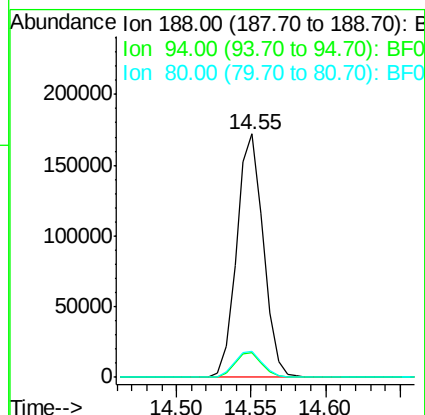
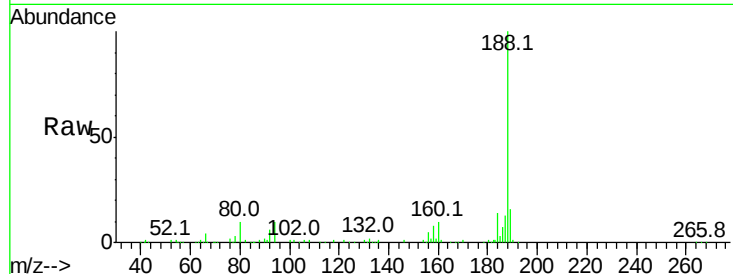




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

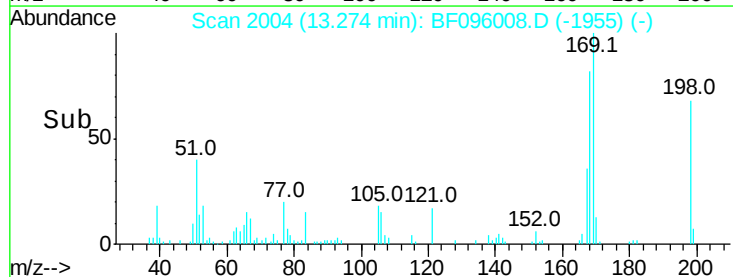
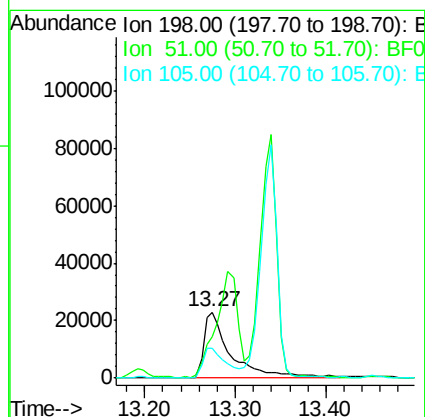
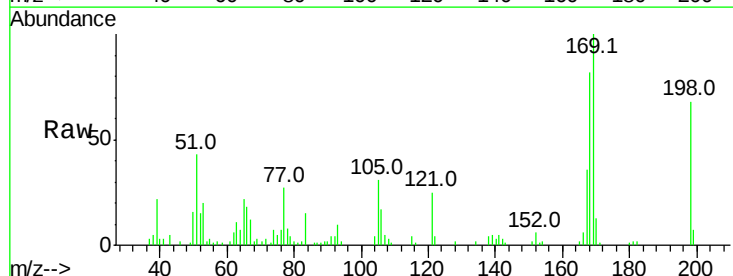
Instrument :
 BNA_F
 ClientSampleId :

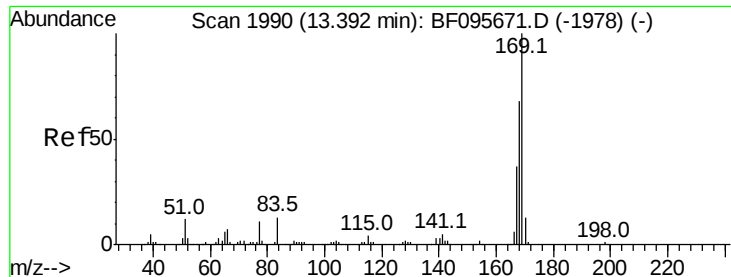
Tot Ion:188 Resp: 213993
 Ion Ratio Lower Upper
 188 100
 94 10.0 9.4 14.2
 80 10.5 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.47 ng
 RT: 13.27 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion:198 Resp: 48484
 Ion Ratio Lower Upper
 198 100
 51 63.6 53.2 93.2
 105 45.8 45.8 85.8#

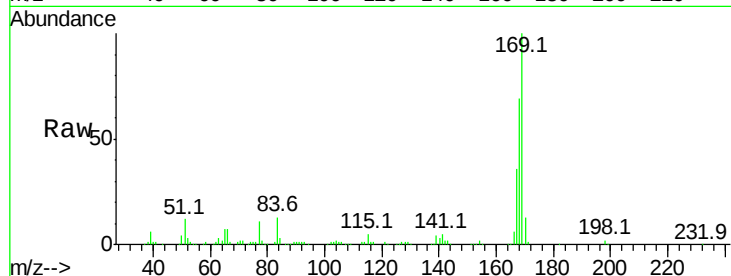




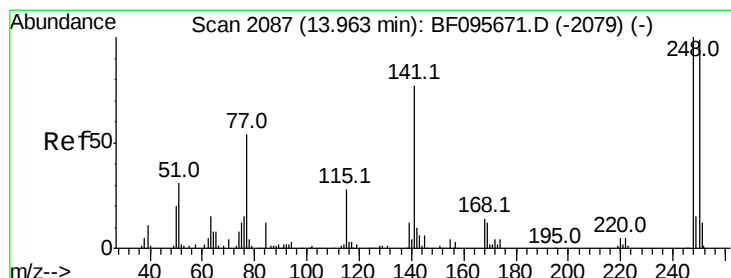
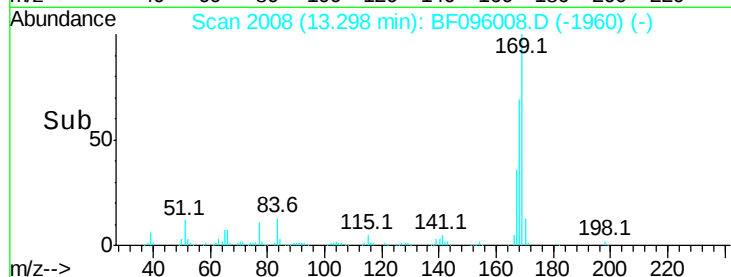
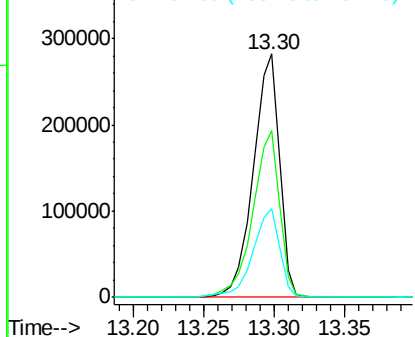
#65
n-Nitrosodiphenylamine
Concen: 48.06 ng
RT: 13.30 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 369519
Ion Ratio Lower Upper
169 100
168 68.5 53.2 79.8
167 36.4 29.5 44.3

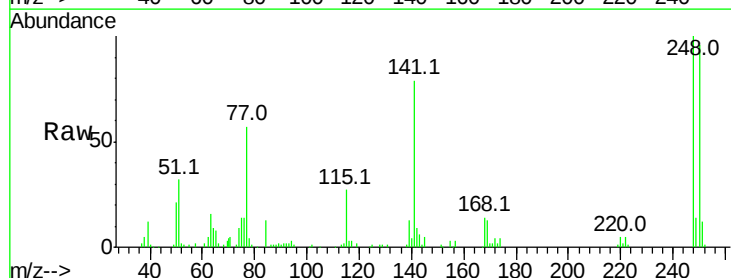


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

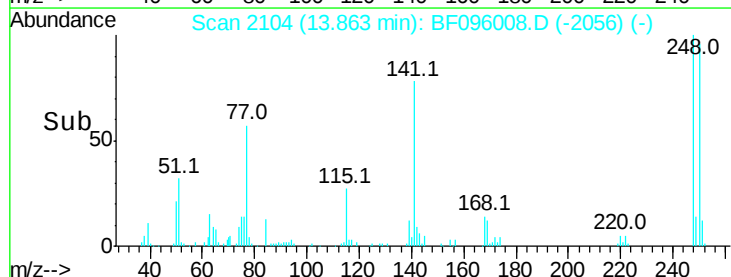
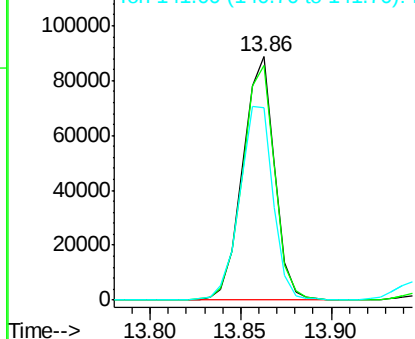


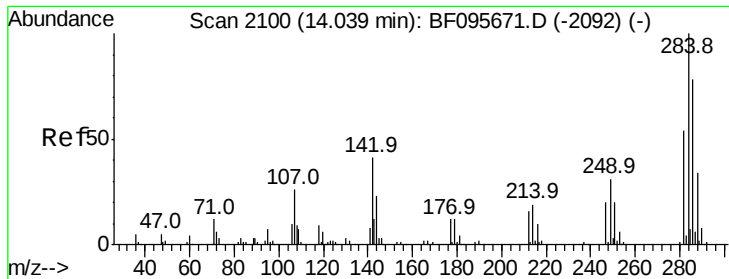
#66
4-Bromophenyl-phenylether
Concen: 48.61 ng
RT: 13.86 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Tgt Ion:248 Resp: 108111
Ion Ratio Lower Upper
248 100
250 96.3 76.8 115.2
141 78.9 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.68 ng

RT: 13.94 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :

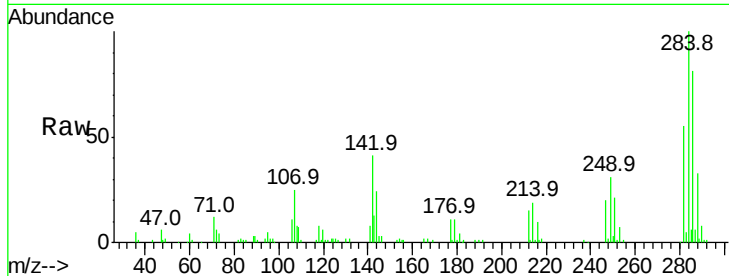
Tot Ion:284 Resp: 104492

Ion Ratio Lower Upper

284 100

142 40.6 22.8 34.2#

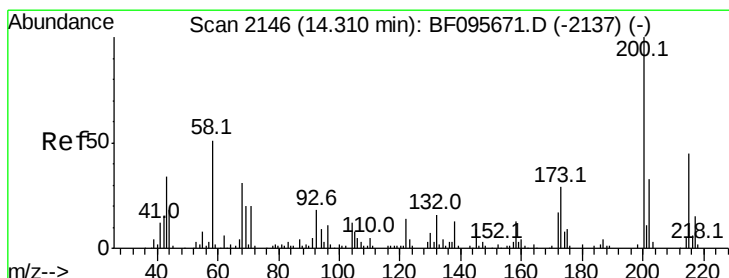
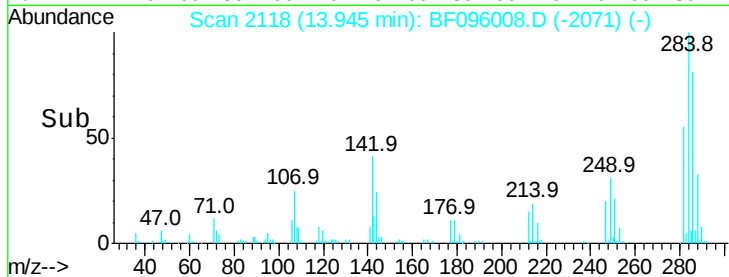
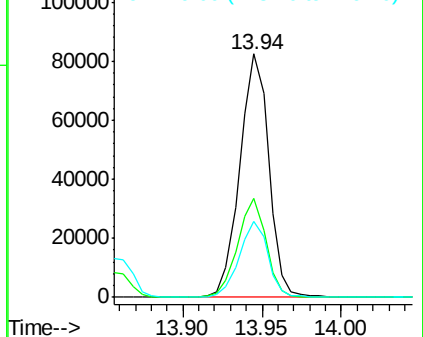
249 31.4 24.0 36.0



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: 51.91 ng

RT: 14.22 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

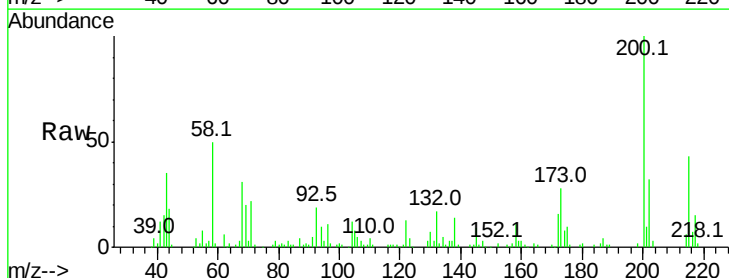
Tgt Ion:200 Resp: 111083

Ion Ratio Lower Upper

200 100

173 27.5 6.3 46.3

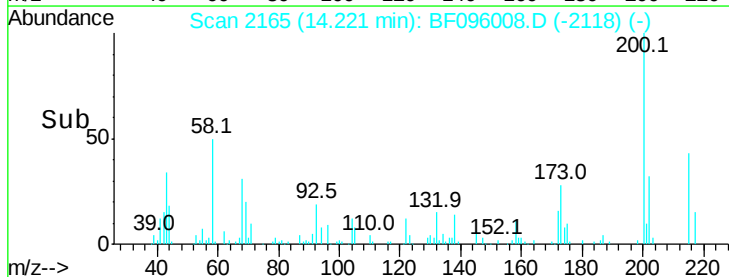
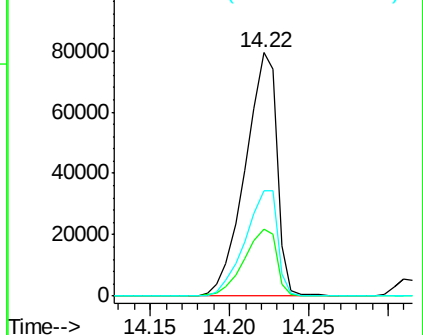
215 43.3 27.2 67.2

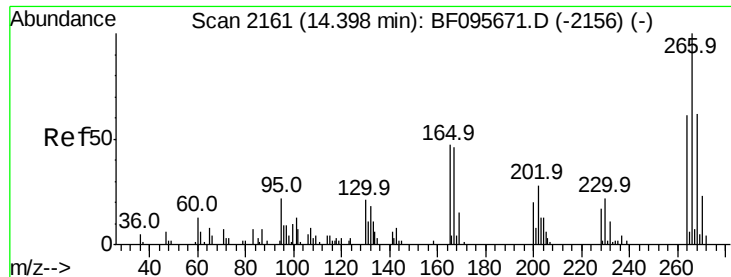


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

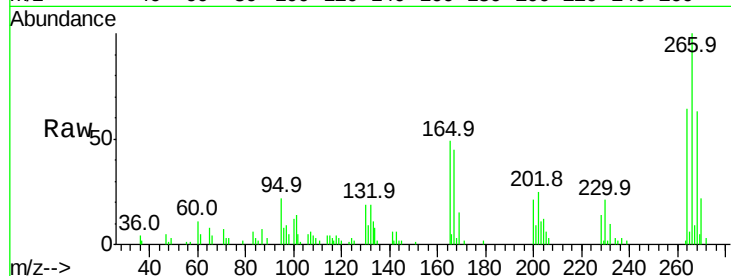




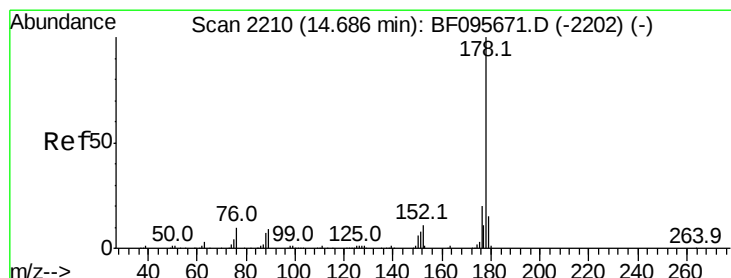
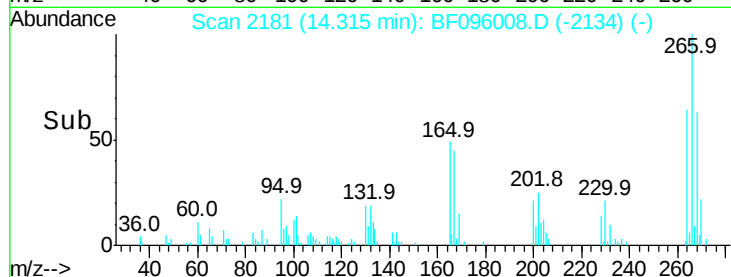
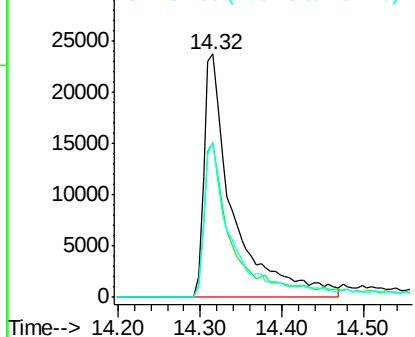
#69
 Pentachlorophenol
 Concen: 71.20 ng
 RT: 14.32 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 58510
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 63.5 51.7 77.5

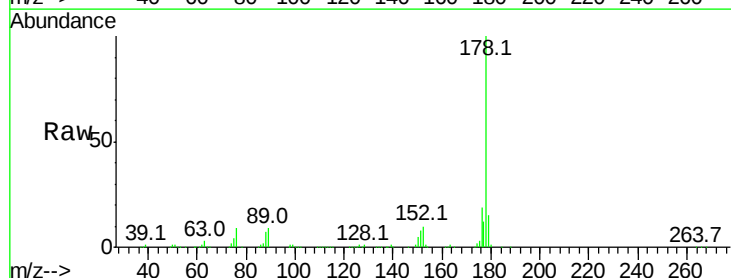


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

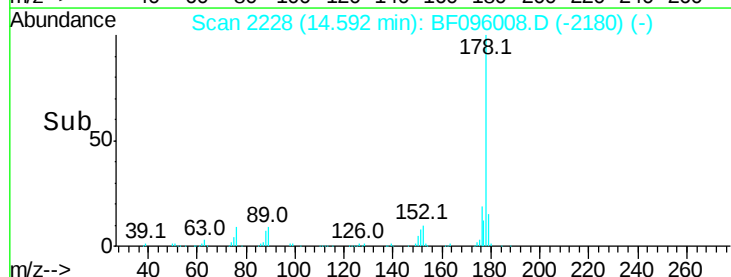
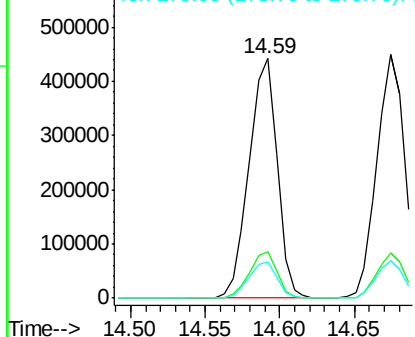


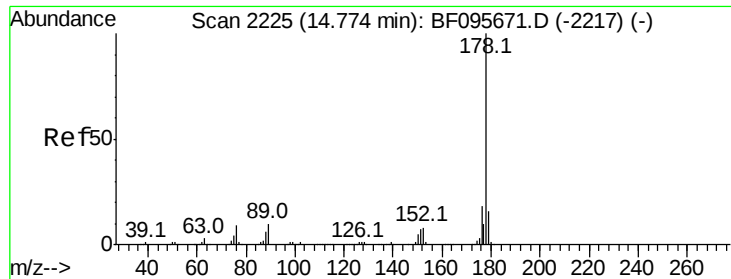
#70
 Phenanthrene
 Concen: 46.71 ng
 RT: 14.59 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion:178 Resp: 576712
 Ion Ratio Lower Upper
 178 100
 176 19.3 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

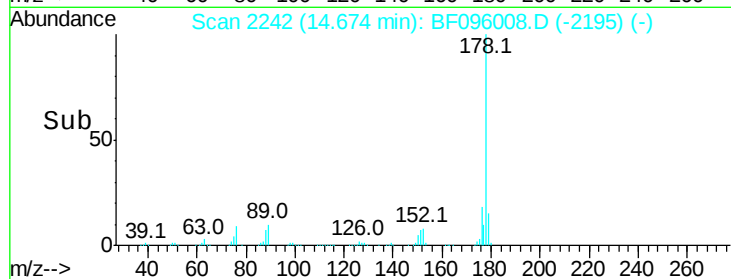
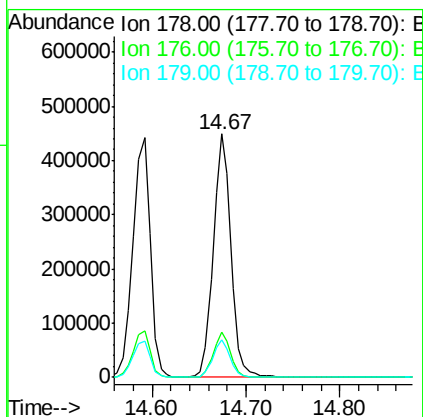
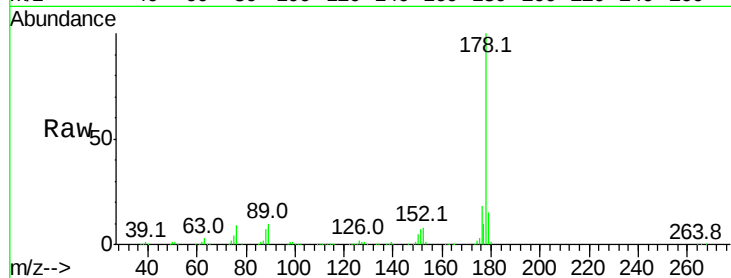




#71
 Anthracene
 Concen: 46.08 ng
 RT: 14.67 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

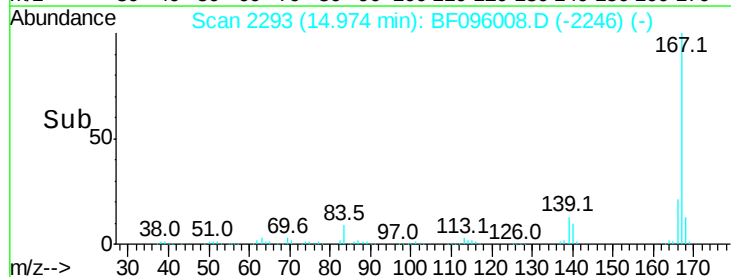
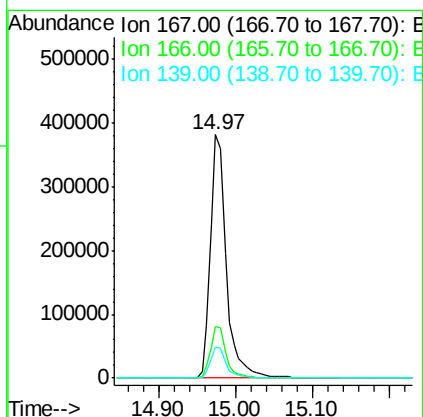
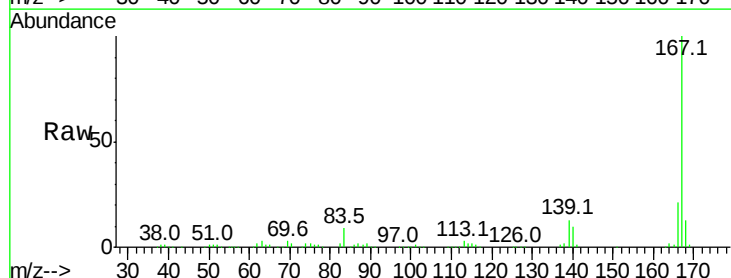
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 593935
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 43.02 ng
 RT: 14.97 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion:167 Resp: 540443
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.1 27.1
 139 13.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 50.79 ng

RT: 15.57 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :

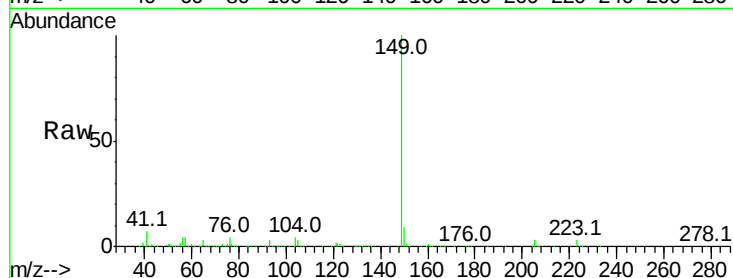
Tot Ion:149 Resp: 678810

Ion Ratio Lower Upper

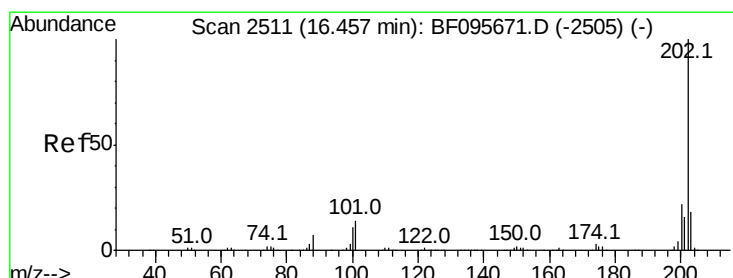
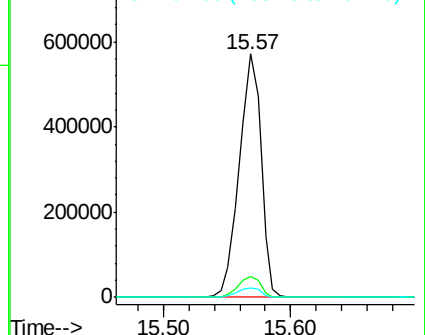
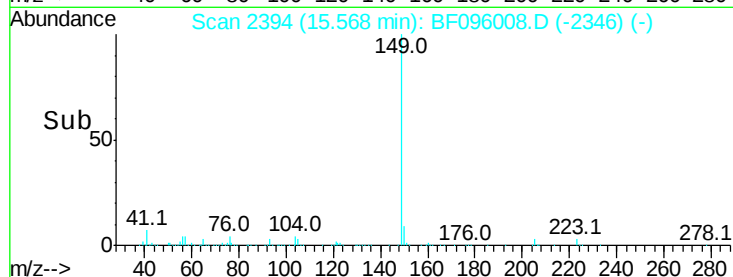
149 100

150 8.8 7.7 11.5

104 4.1 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: 43.21 ng

RT: 16.37 min Scan# 2531

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

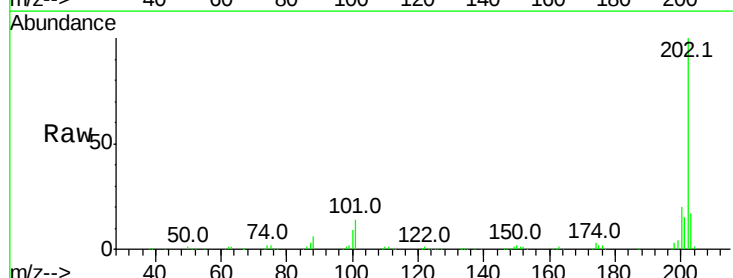
Tgt Ion:202 Resp: 528065

Ion Ratio Lower Upper

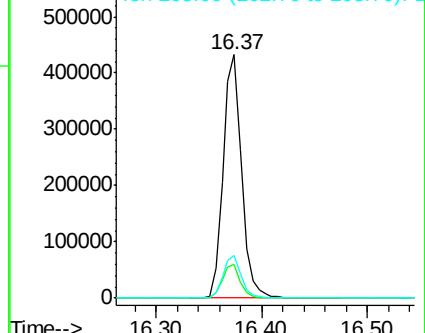
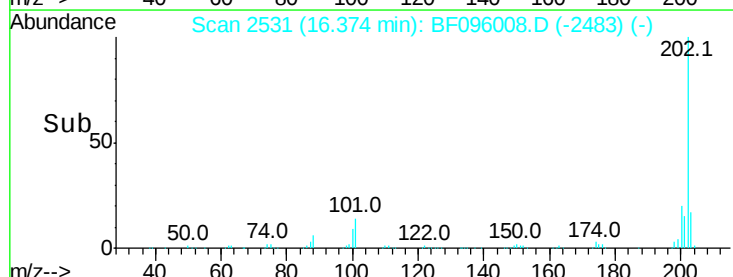
202 100

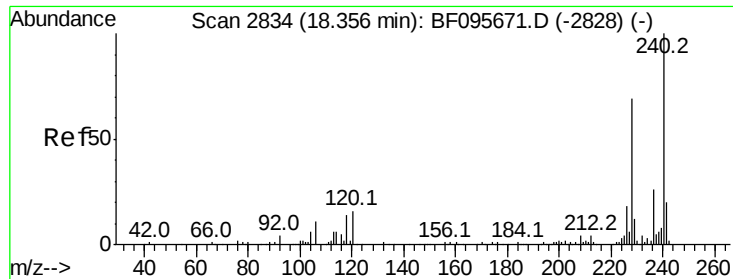
101 13.6 0.0 33.2

203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

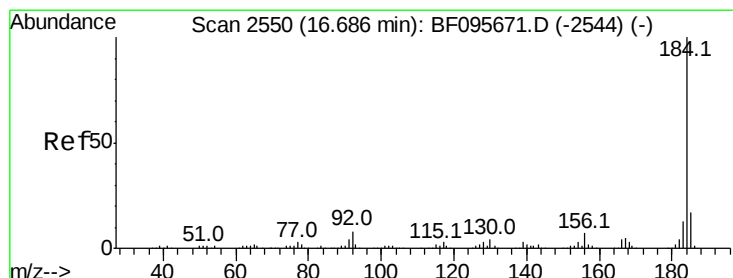
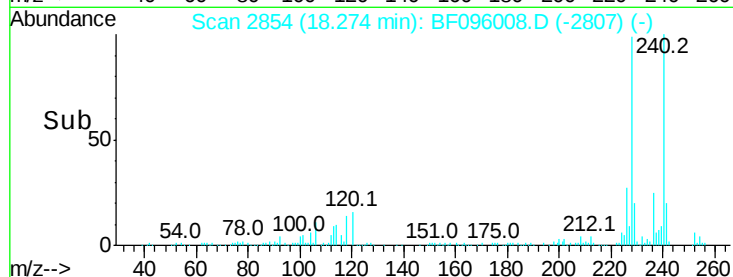
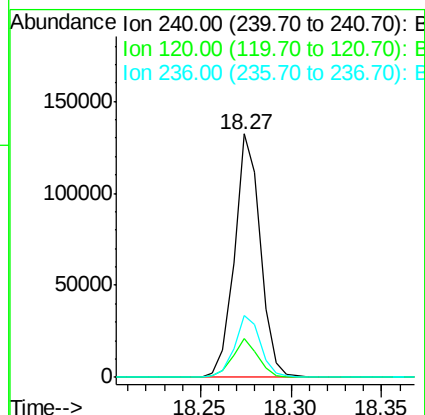
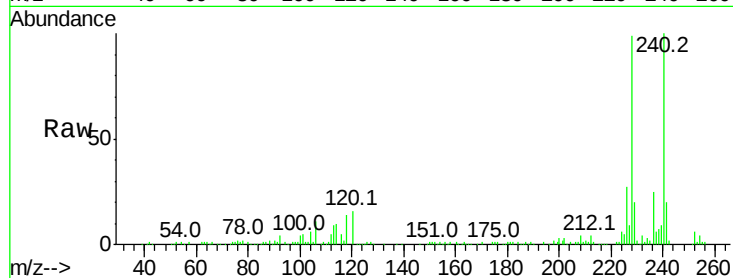
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 131017

Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.8	8.8#
236	25.2	20.5	30.7



#76

Benzidine

Concen: 23.64 ng

RT: 16.61 min Scan# 2571

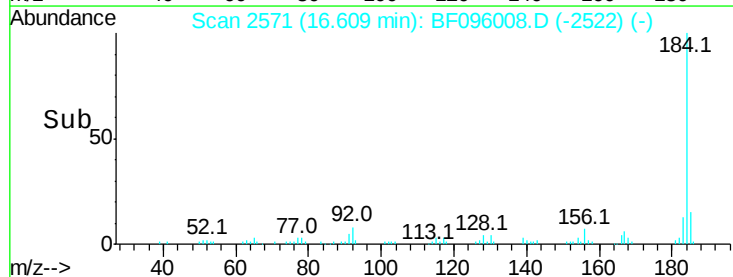
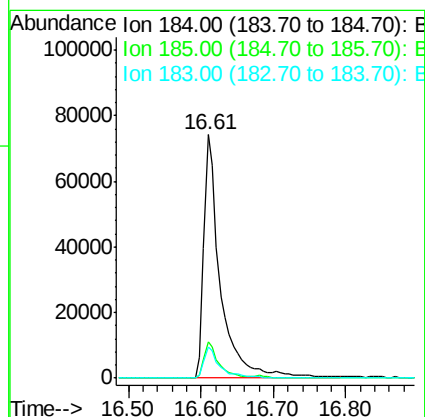
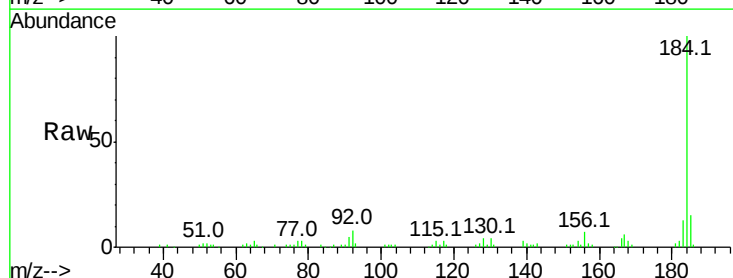
Delta R.T. -0.01 min

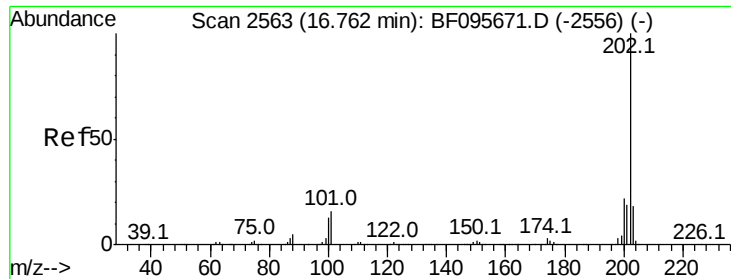
Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Tgt Ion:184 Resp: 118949

Ion	Ratio	Lower	Upper
184	100		
185	15.0	15.5	23.3#
183	12.7	9.8	14.6

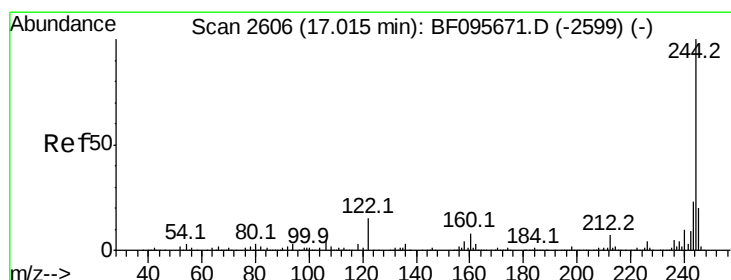
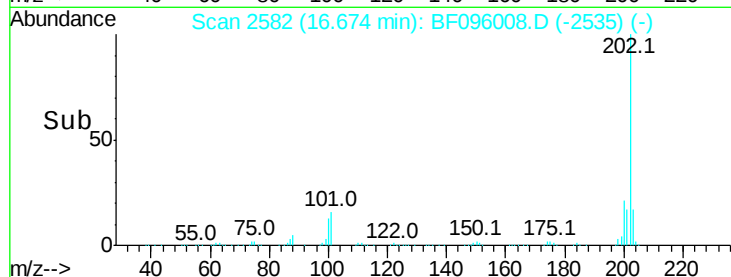
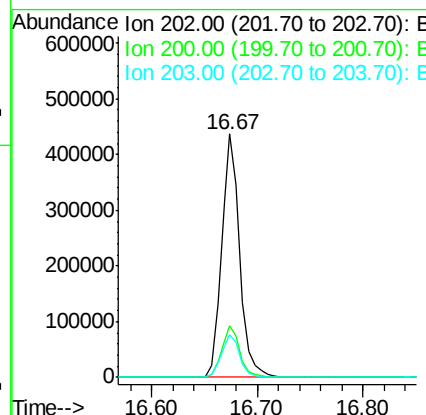
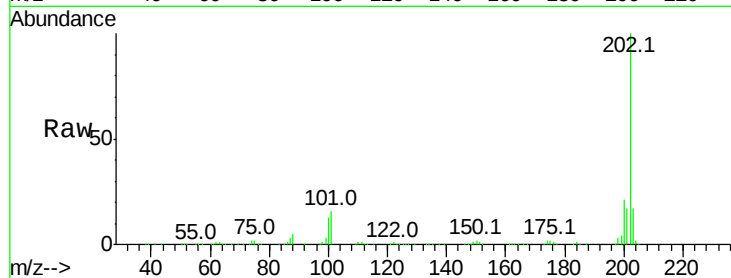




#77
Pvrene
Concen: 53.34 ng
RT: 16.67 min Scan# 2582
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

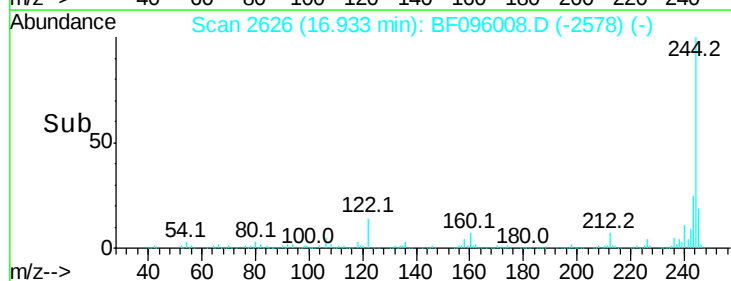
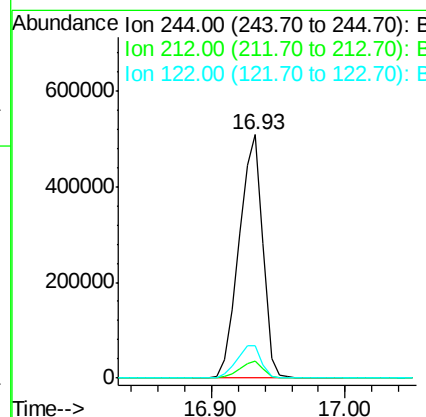
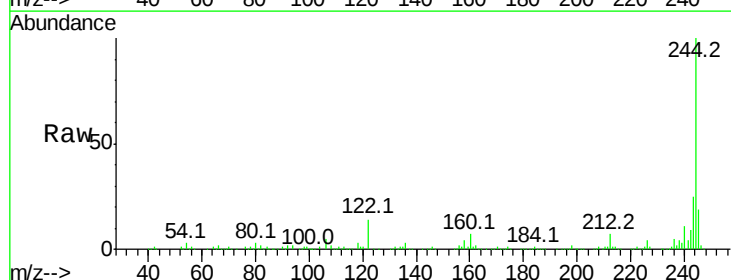
Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 521434
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 17.4 14.4 21.6



#78
Terphenyl-d14
Concen: 118.52 ng
RT: 16.93 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Tgt Ion:244 Resp: 625678
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.6 10.3 15.5

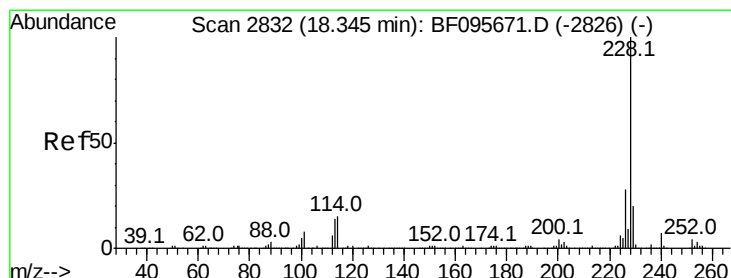
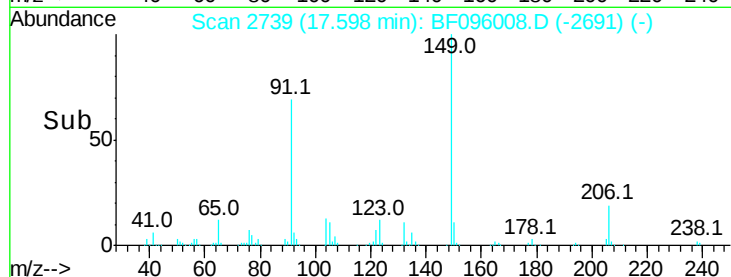
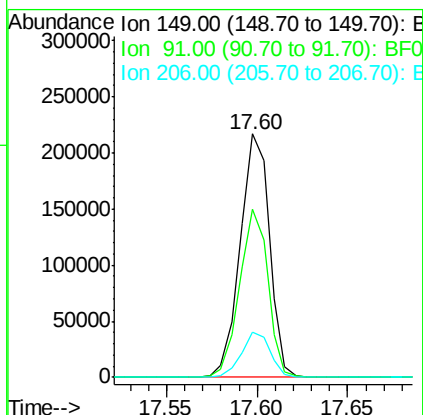
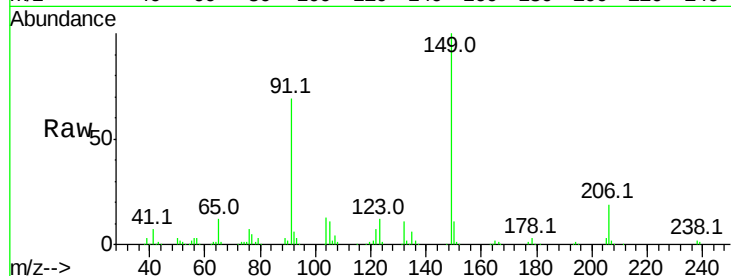




#79
Butylbenzylphthalate
Concen: 57.03 ng
RT: 17.60 min Scan# 2739
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

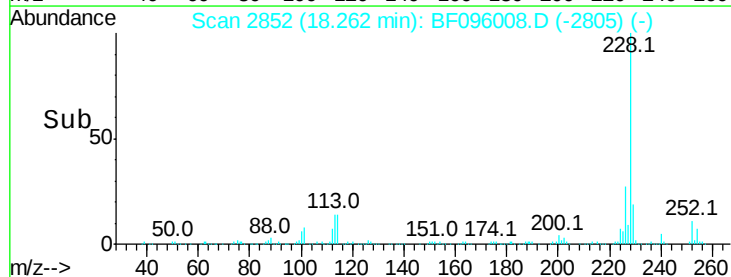
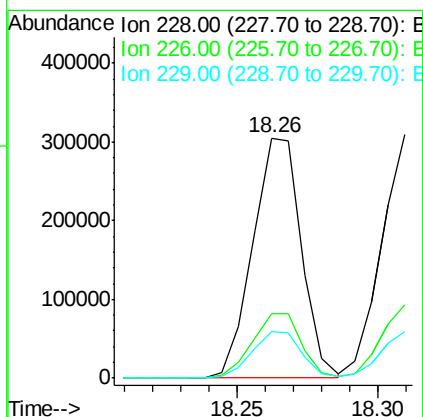
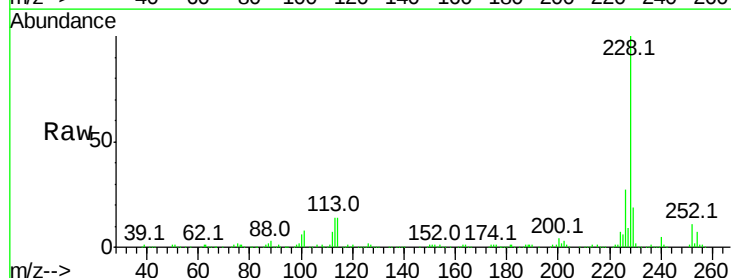
Instrument :
BNA_F
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.0	45.0	67.4#
206	18.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 47.66 ng
RT: 18.26 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.3	16.3	24.5

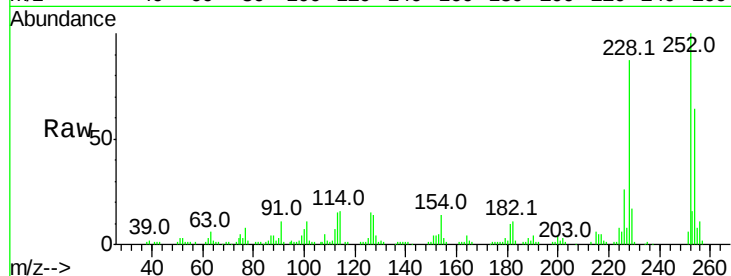




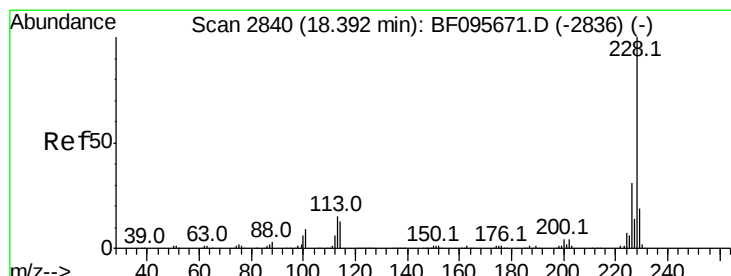
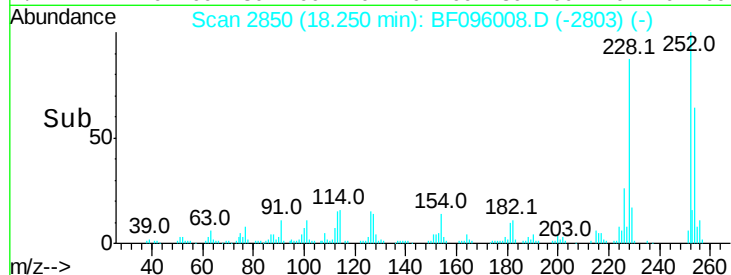
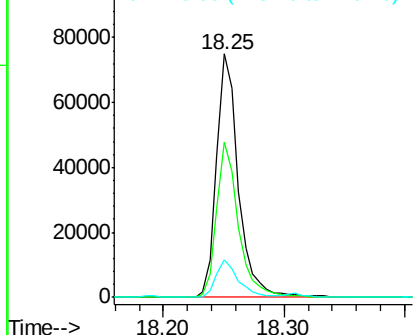
#81
 3,3'-Dichlorobenzidine
 Concen: 34.46 ng
 RT: 18.25 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 93324
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.5 77.3
 126 15.2 15.8 23.8#

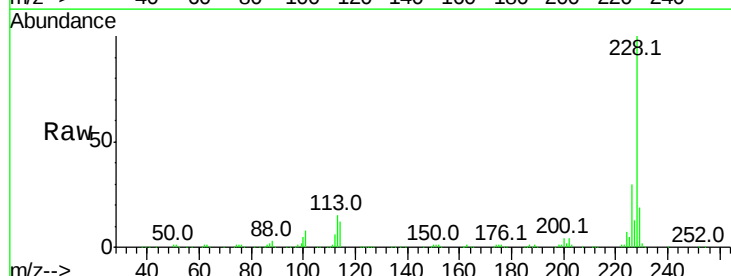


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

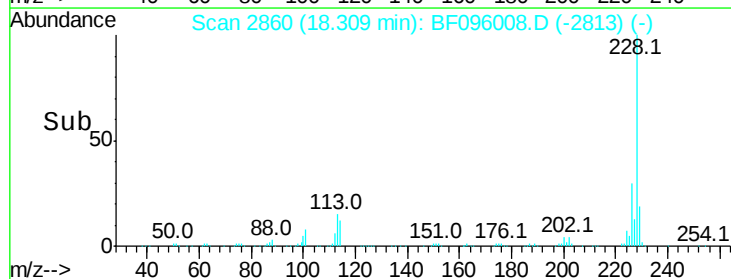
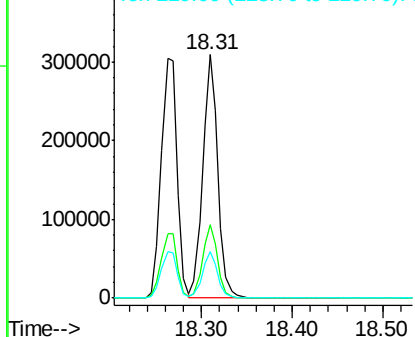


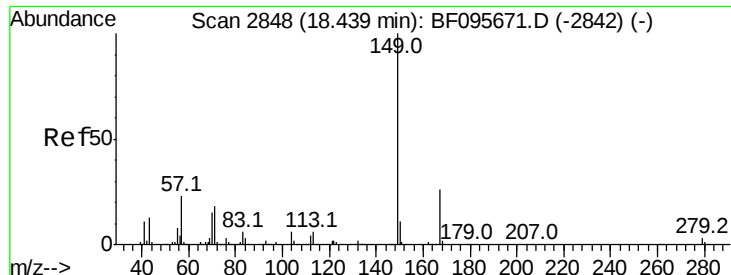
#82
 Chrysene
 Concen: 47.50 ng
 RT: 18.31 min Scan# 2860
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion:228 Resp: 361562
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.9 37.3
 229 19.3 15.8 23.6



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

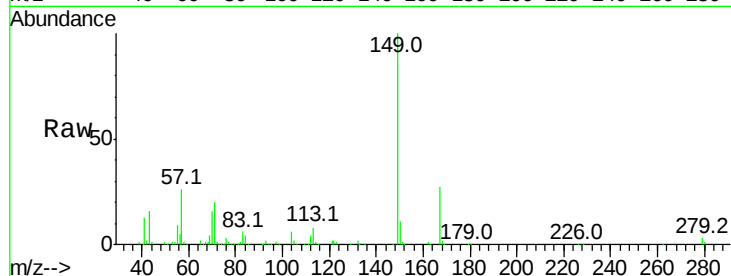




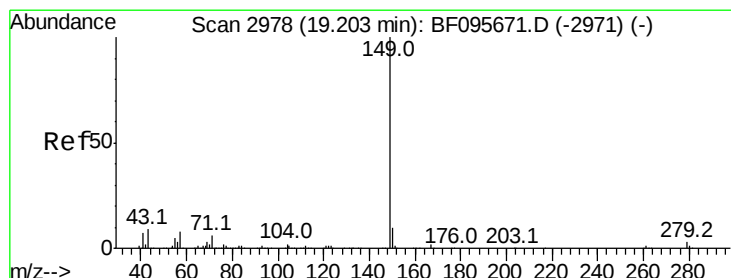
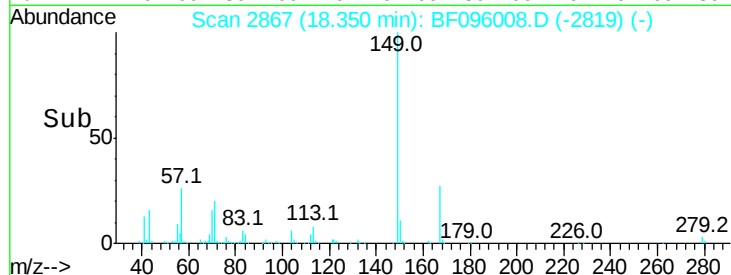
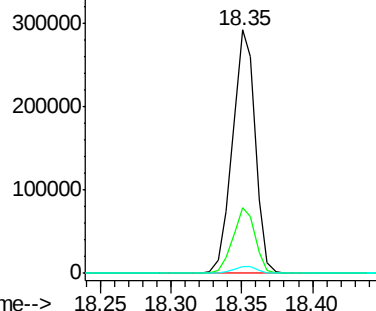
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.41 ng
 RT: 18.35 min Scan# 2867
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 333714
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 3.0 1.9 2.9#

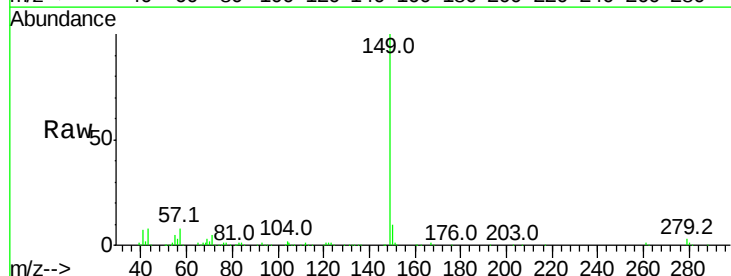


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

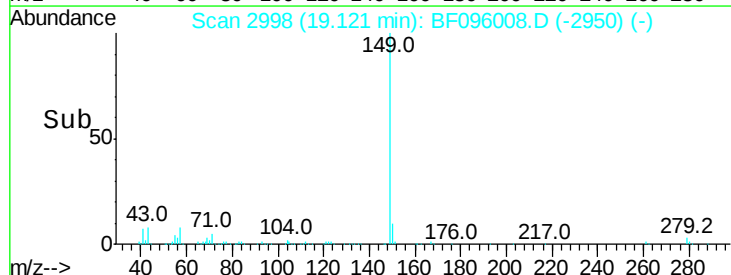
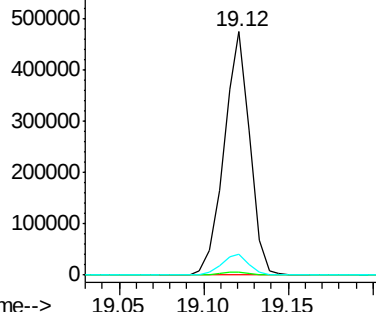


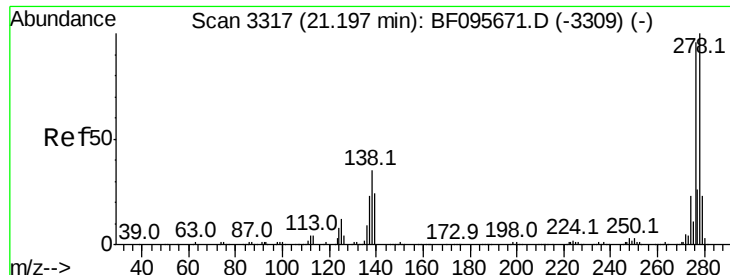
#84
 Di-n-octyl phthalate
 Concen: 50.82 ng
 RT: 19.12 min Scan# 2998
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion:149 Resp: 504340
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 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



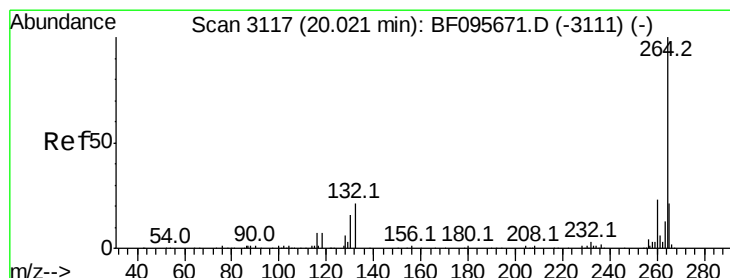
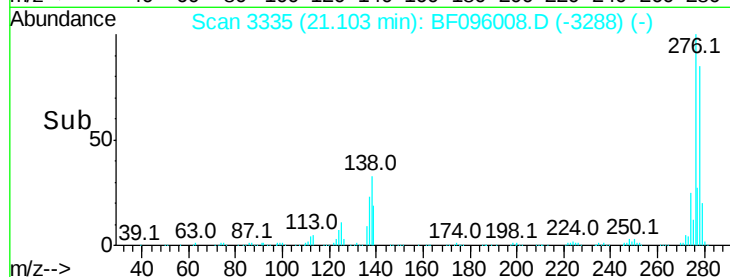
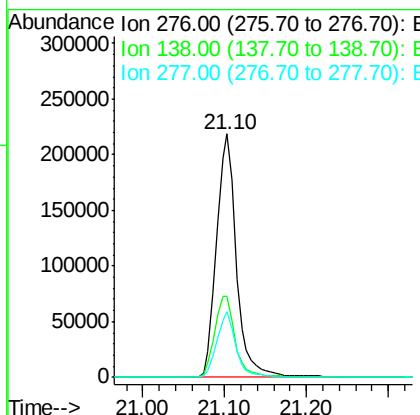
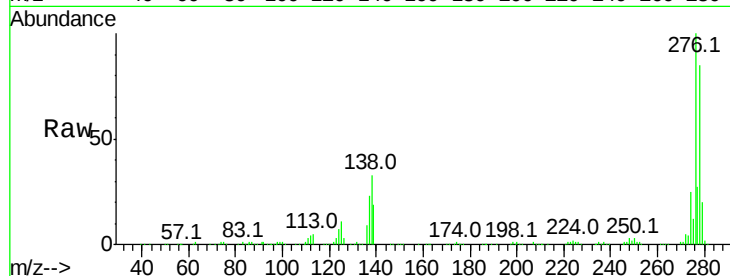


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.09 ng
 RT: 21.10 min Scan# 3335
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:276 Resp: 371830

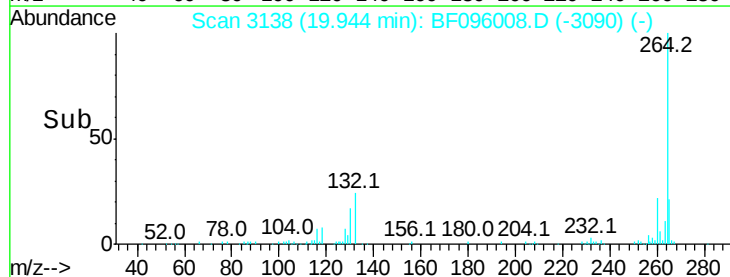
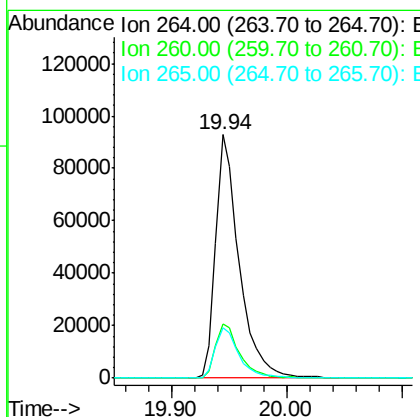
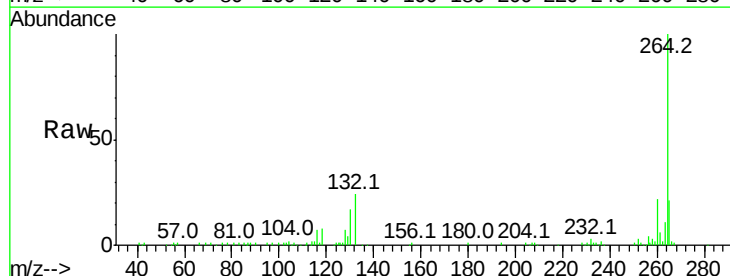
Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.8	20.2	30.4

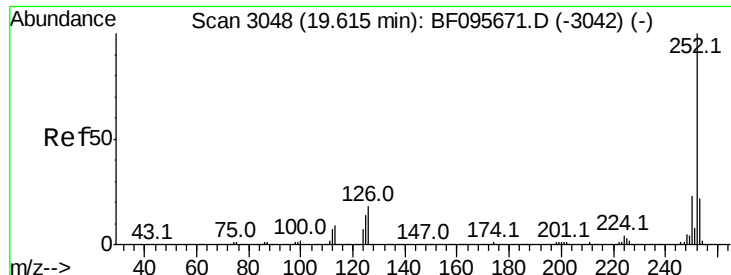


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BF096008.D
 Acq: 19 Jun 2017 16:12

Tgt Ion:264 Resp: 130779

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.03 ng

RT: 19.54 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :

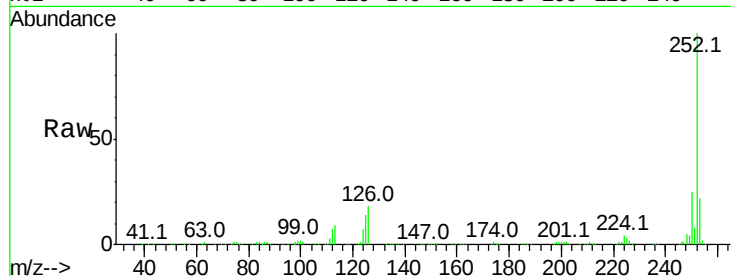
Tot Ion:252 Resp: 368775

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

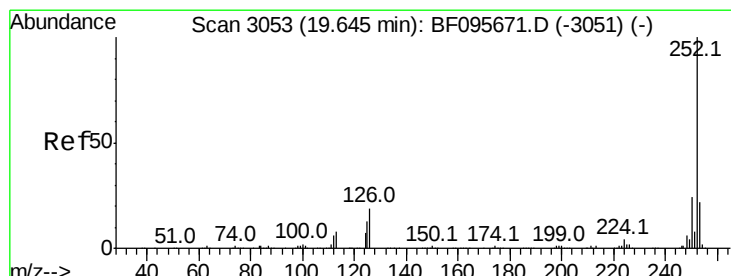
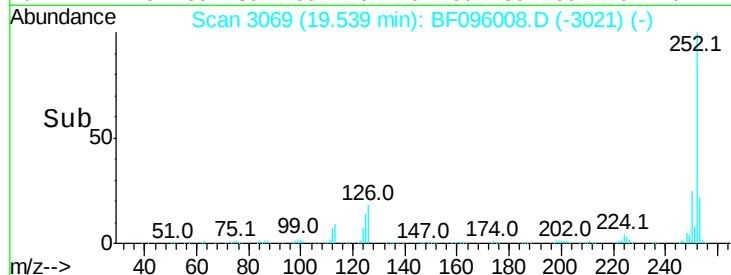
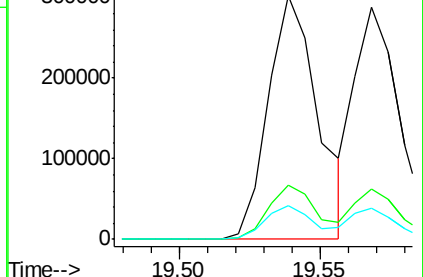
125 13.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.35 ng

RT: 19.57 min Scan# 3074

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

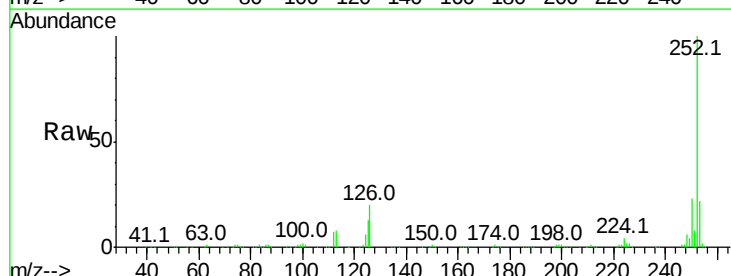
Tgt Ion:252 Resp: 331512

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

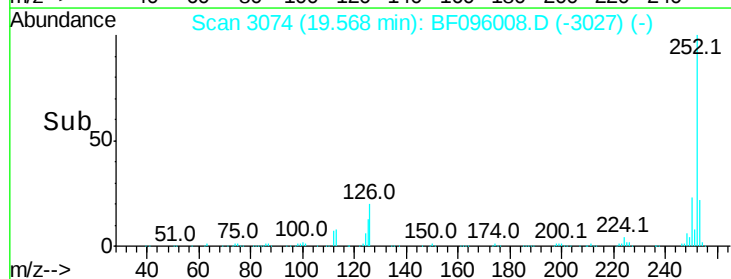
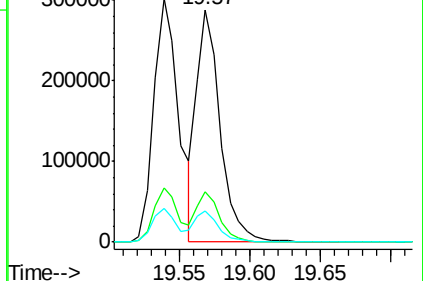
125 13.3 13.1 19.7

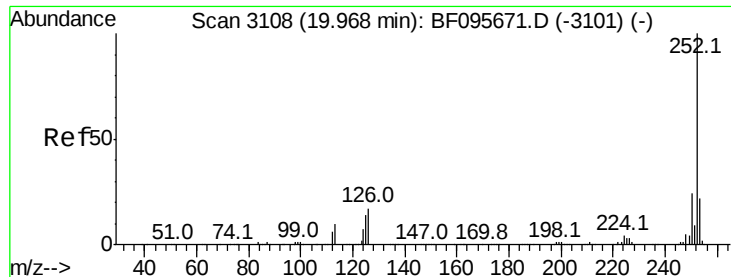


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

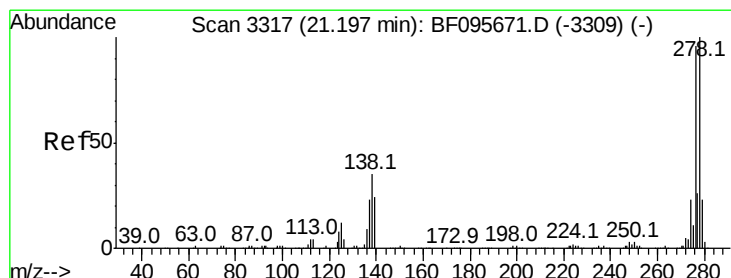
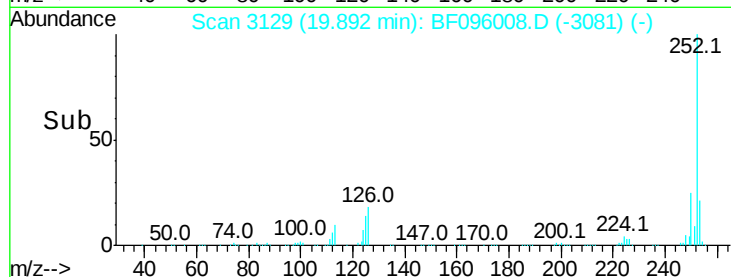
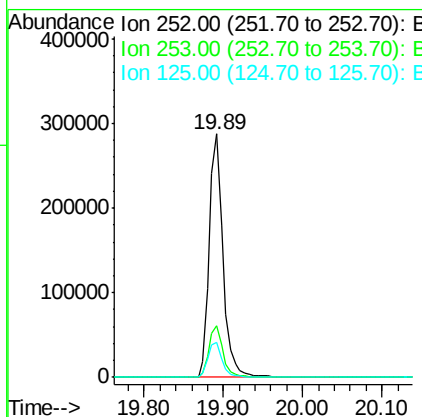
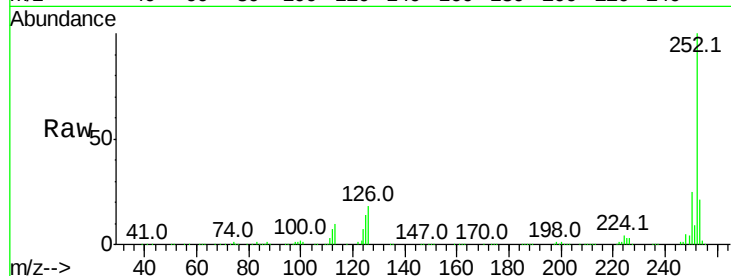




#89
Benzo(a)pyrene
Concen: 46.36 ng
RT: 19.89 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

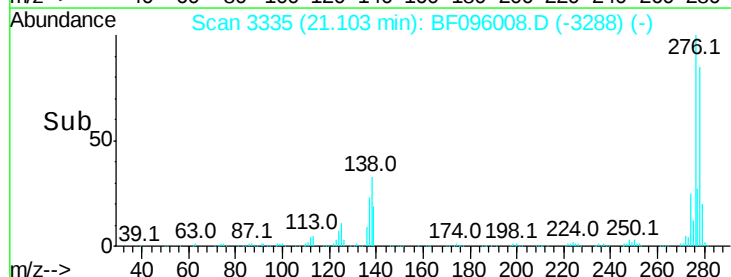
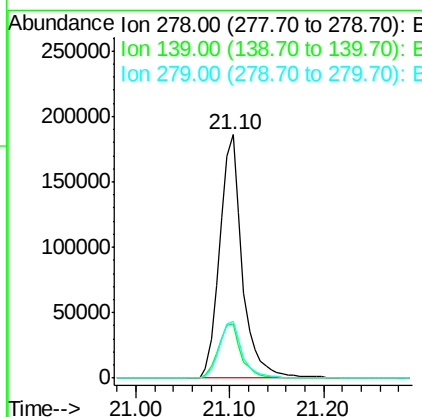
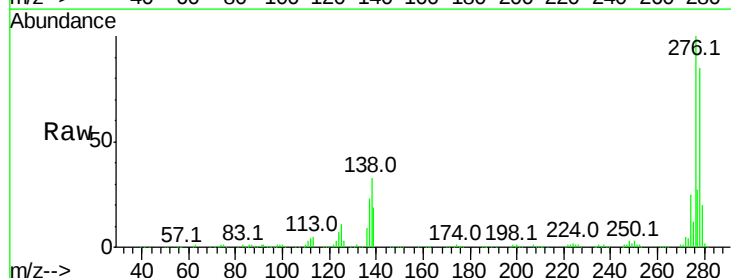
Instrument :
BNA_F
ClientSampleId :

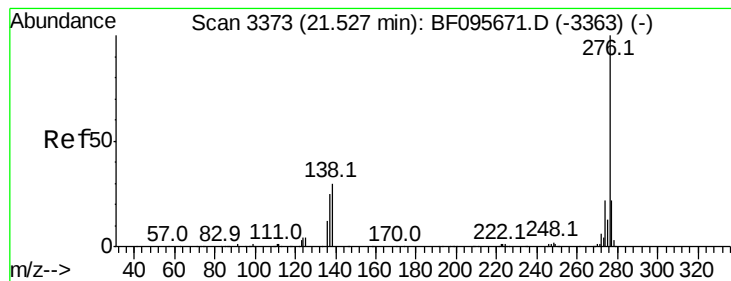
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	14.3	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 48.84 ng
RT: 21.10 min Scan# 3335
Delta R.T. -0.02 min
Lab File: BF096008.D
Acq: 19 Jun 2017 16:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	16.6	24.8
279	23.3	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 48.28 ng

RT: 21.42 min Scan# 3389

Delta R.T. -0.02 min

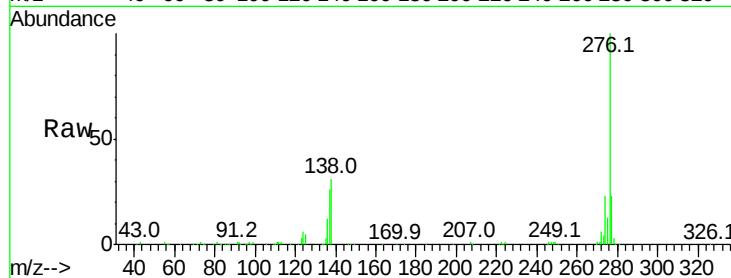
Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA_F

ClientSampleId :



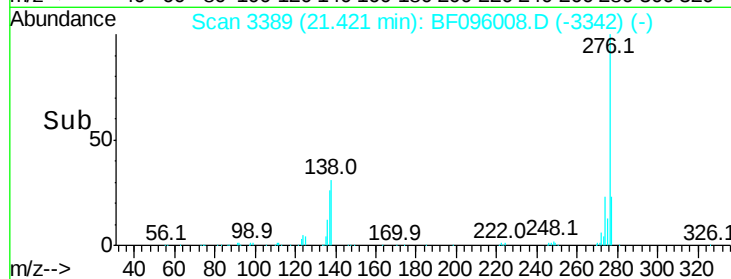
Tot Ion: 276 Resp: 314267

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 31.1 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

