

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096119.D
 Acq On : 22 Jun 2017 13:35
 Operator : SJ/MA
 Sample : I3759-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 16:23:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	85038	20.00	ng	-0.02
21) Naphthalene-d8	9.30	136	393071	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	157332	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	323194	20.00	ng	-0.01
75) Chrysene-d12	18.26	240	212988	20.00	ng	-0.01
86) Perylene-d12	19.94	264	74938	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	784346	146.97	ng	0.02
7) Phenol-d6	6.86	99	892953	139.77	ng	-0.02
23) Nitrobenzene-d5	8.20	82	526240	83.15	ng	-0.02
41) 2,4,6-Tribromophenol	13.44	330	211821	152.17	ng	-0.01
44) 2-Fluorobiphenyl	11.09	172	991259	87.68	ng	-0.02
78) Terphenyl-d14	16.92	244	954813	111.25	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.78	88	96202	37.89	ng	# 80
3) Pyridine	2.39	79	21942	3.68	ng	96
4) n-Nitrosodimethylamine	2.26	42	99195	43.73	ng	# 91
6) Aniline	6.80	93	39412	4.72	ng	97
8) 2-Chlorophenol	6.97	128	278342	49.05	ng	98
9) Benzaldehyde	6.60	77	86441	20.06	ng	96
10) Phenol	6.87	94	297041	44.82	ng	95
11) bis(2-Chloroethyl)ether	6.92	93	240994	45.90	ng	97
12) 1,3-Dichlorobenzene	7.17	146	267702	41.68	ng	98
13) 1,4-Dichlorobenzene	7.30	146	282594	43.39	ng	97
14) 1,2-Dichlorobenzene	7.53	146	262039	43.64	ng	95
15) Benzyl Alcohol	7.60	79	153642	35.04	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.77	45	385068	52.20	ng	97
17) 2-Methylphenol	7.83	107	227467	47.77	ng	93
18) Hexachloroethane	8.05	117	91398	42.49	ng	# 84
19) n-Nitroso-di-n-propylamine	8.02	70	183674	45.36	ng	93
20) 3+4-Methylphenols	8.10	107	279816	46.29	ng	# 60
22) Acetophenone	7.97	105	364317	39.60	ng	# 84
24) Nitrobenzene	8.23	77	262810	38.87	ng	95
25) Isophorone	8.63	82	528043	44.68	ng	95
26) 2-Nitrophenol	8.74	139	161972	45.75	ng	98
27) 2,4-Dimethylphenol	8.90	122	261097	47.52	ng	96
28) bis(2-Chloroethoxy)methane	9.01	93	322285	41.37	ng	99
29) 2,4-Dichlorophenol	9.19	162	251189	47.47	ng	97
30) 1,2,4-Trichlorobenzene	9.24	180	235071	42.69	ng	99
31) Naphthalene	9.34	128	874568	44.33	ng	99
32) Benzoic acid	9.30	122	154594	45.34	ng	97
33) 4-Chloroaniline	9.56	127	23181	3.01	ng	# 86
34) Hexachlorobutadiene	9.56	225	118680	41.72	ng	97
35) Caprolactam	10.16	113	35589	22.60	ng	94
36) 4-Chloro-3-methylphenol	10.40	107	228022	41.17	ng	88
37) 2-Methylnaphthalene	10.47	142	549442	41.22	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.75	216	225844	47.96	ng	99
40) Hexachlorocyclopentadiene	10.72	237	99963	69.45	ng	99

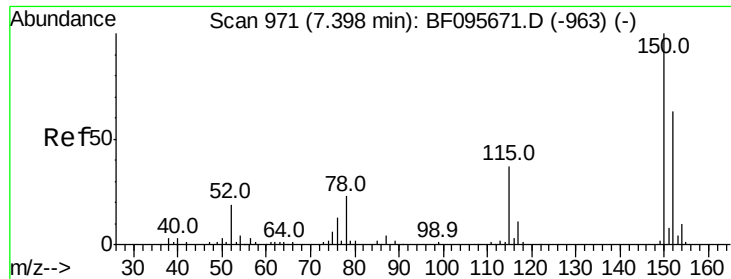
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096119.D
 Acq On : 22 Jun 2017 13:35
 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.99	196	136332	45.03	nq	99
43) 2,4,5-Trichlorophenol	11.10	196	132576	41.17	nq	95
45) 1,1'-Biphenyl	11.24	154	575572	44.39	nq	98
46) 2-Chloronaphthalene	11.25	162	442093	43.63	nq	94
47) 2-Nitroaniline	11.49	65	121335	40.92	nq	# 80
48) Acenaphthylene	11.90	152	682464	39.39	nq	98
49) Dimethylphthalate	11.80	163	487127	40.78	nq	100
50) 2,6-Dinitrotoluene	11.90	165	112889	43.33	nq	# 72
51) Acenaphthene	12.19	154	433435	43.32	nq	99
52) 3-Nitroaniline	12.20	138	21921	7.22	nq	# 84
53) 2,4-Dinitrophenol	12.40	184	108492	74.06	nq	# 67
54) Dibenzofuran	12.47	168	666274	47.31	nq	99
55) 4-Nitrophenol	12.62	139	97256	56.32	nq	# 81
56) 2,4-Dinitrotoluene	12.58	165	172550	49.03	nq	# 92
57) Fluorene	13.03	166	589569	48.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.73	232	105356	47.82	nq	# 94
59) Diethylphthalate	12.94	149	551952	48.01	nq	100
60) 4-Chlorophenyl-phenylether	13.06	204	261479	49.06	nq	90
61) 4-Nitroaniline	13.17	138	57320	20.22	nq	96
62) Azobenzene	13.32	77	601952	57.77	nq	95
64) 4,6-Dinitro-2-methylphenol	13.25	198	91851	43.24	nq	82
65) n-Nitrosodiphenylamine	13.27	169	228995	19.72	nq	97
66) 4-Bromophenyl-phenylether	13.83	248	155100	46.18	nq	99
67) Hexachlorobenzene	13.92	284	148542	44.88	nq	# 87
68) Atrazine	14.19	200	18555	5.74	nq	96
69) Pentachlorophenol	14.30	266	76692	62.67	nq	99
70) Phenanthrene	14.57	178	805887	43.22	nq	98
71) Anthracene	14.65	178	861641	44.26	nq	98
72) Carbazole	14.96	167	297532	15.68	nq	97
73) Di-n-butylphthalate	15.55	149	998545	49.47	nq	98
74) Fluoranthene	16.36	202	829781	44.96	nq	98
77) Pyrene	16.66	202	813655	51.20	nq	99
79) Butylbenzylphthalate	17.59	149	349398	50.34	nq	# 85
80) Benzo(a)anthracene	18.25	228	558953	45.14	nq	99
82) Chrysene	18.30	228	578186	46.72	nq	99
83) Bis(2-ethylhexyl)phthalate	18.34	149	529605	54.09	nq	# 100
84) Di-n-octyl phthalate	19.11	149	771329	47.81	nq	96
85) Indeno(1,2,3-cd)pyrene	21.09	276	469641	44.35	nq	99
87) Benzo(b)fluoranthene	19.53	252	442996	94.41	nq	98
88) Benzo(k)fluoranthene	19.56	252	447014	99.67	nq	# 95
89) Benzo(a)pyrene	19.88	252	388606	90.10	nq	98
90) Dibenzo(a,h)anthracene	21.09	278	416033	113.72	nq	98
91) Benzo(g,h,i)perylene	21.42	276	349347	93.67	nq	98

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

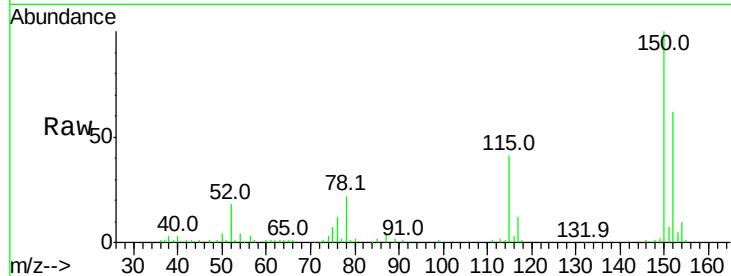


#1

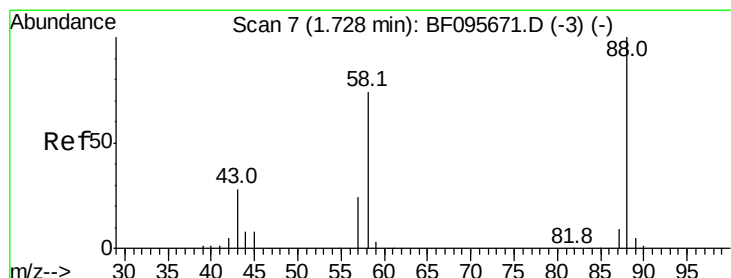
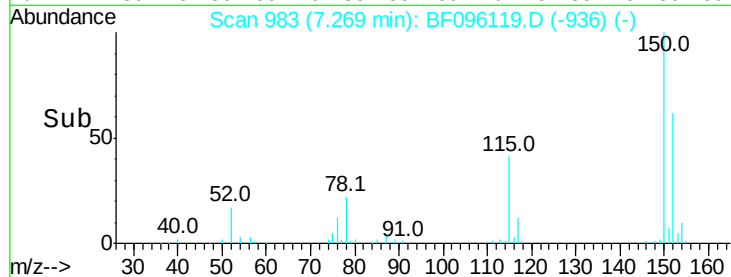
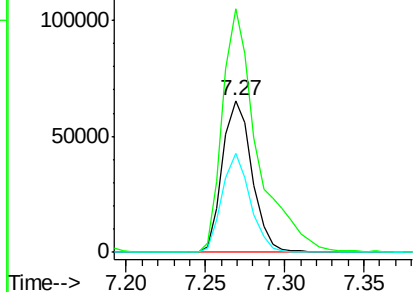
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85038
Ion Ratio Lower Upper
152 100
150 160.6 126.2 189.2
115 65.2 52.2 78.2



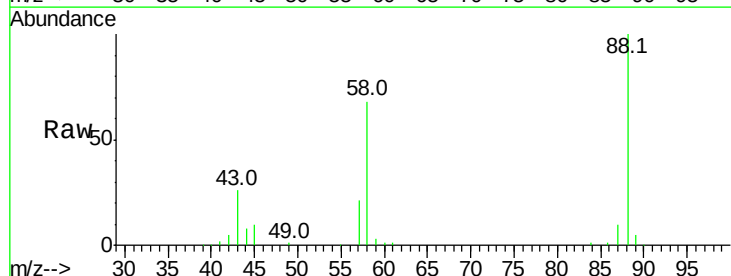
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



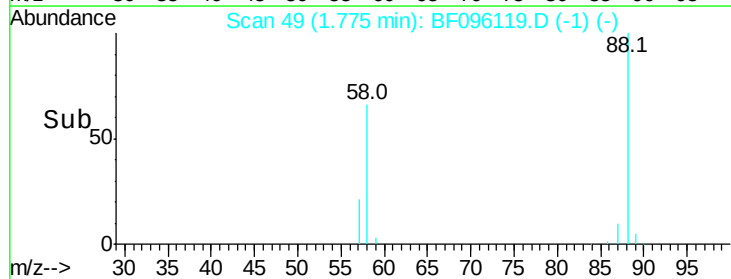
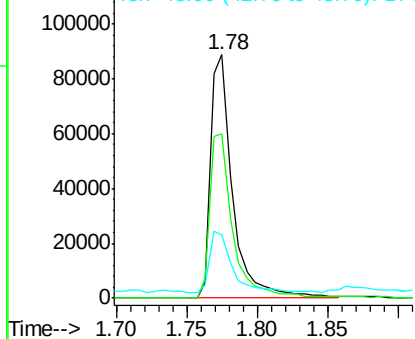
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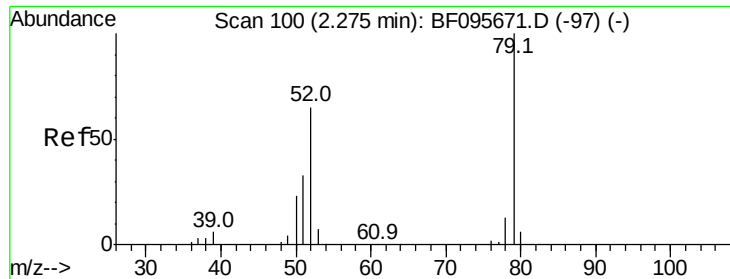
1,4-Dioxane
Concen: 37.89 ng
RT: 1.78 min Scan# 49
Delta R.T. 0.16 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion: 88 Resp: 96202
Ion Ratio Lower Upper
88 100
58 71.3 61.4 92.0
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

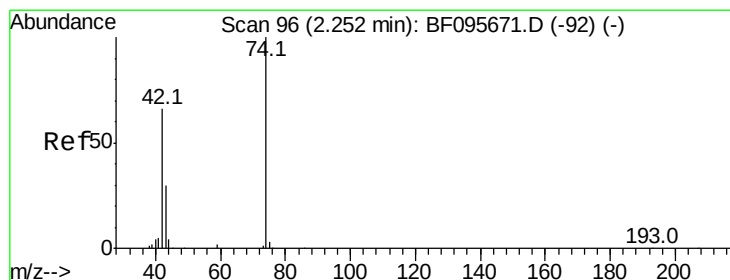
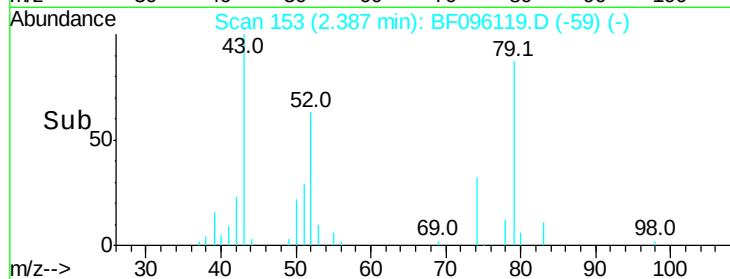
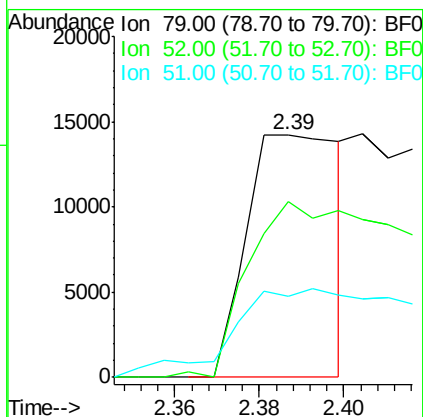
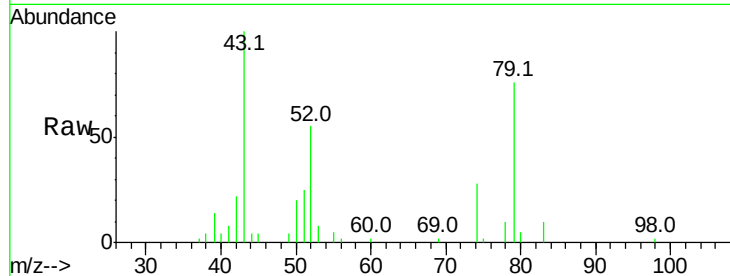




#3
 Pvridine
 Concen: 3.68 ng
 RT: 2.39 min Scan# 153
 Delta R.T. 0.25 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

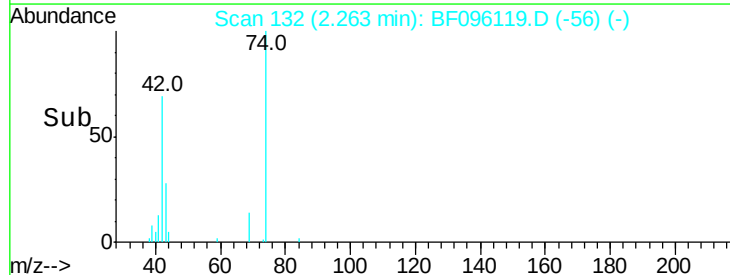
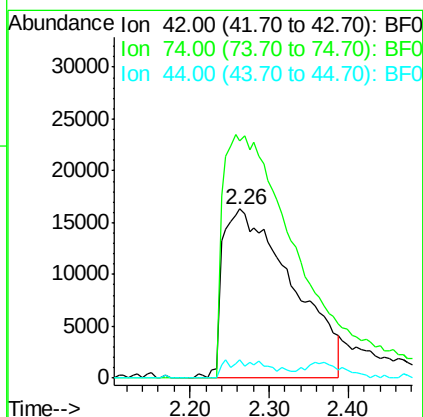
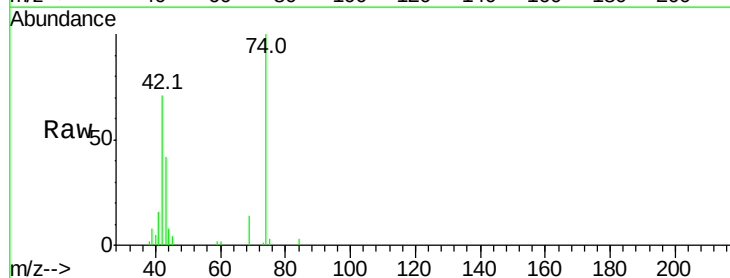
Instrument :
 BNA_F
 ClientSampled :

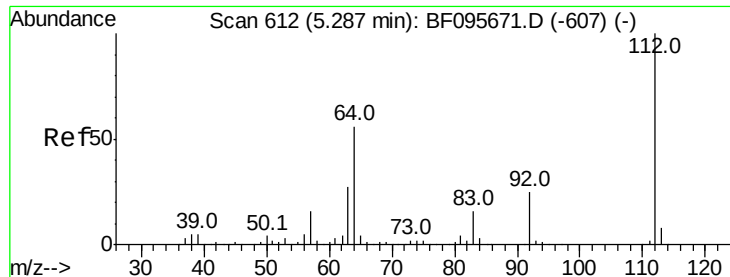
Tot Ion: 79 Resp: 21942
 Ion Ratio Lower Upper
 79 100
 52 72.6 54.8 82.2
 51 33.2 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 43.73 ng
 RT: 2.26 min Scan# 132
 Delta R.T. 0.15 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion: 42 Resp: 99195
 Ion Ratio Lower Upper
 42 100
 74 140.2 103.9 155.9
 44 10.5 5.7 8.5#





#5

2-Fluorophenol

Concen: 146.97 ng

RT: 5.20 min Scan# 632

Delta R.T. 0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampleId :

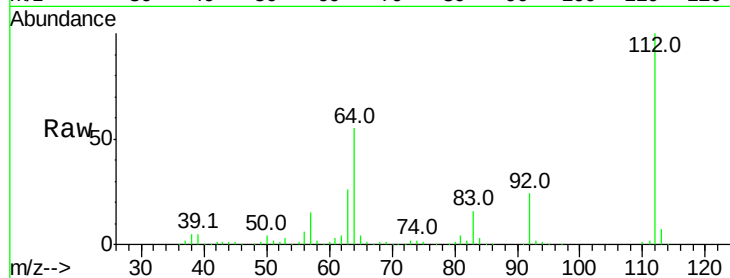
Tot Ion:112 Resp: 784346

Ion Ratio Lower Upper

112 100

64 54.6 46.0 69.0

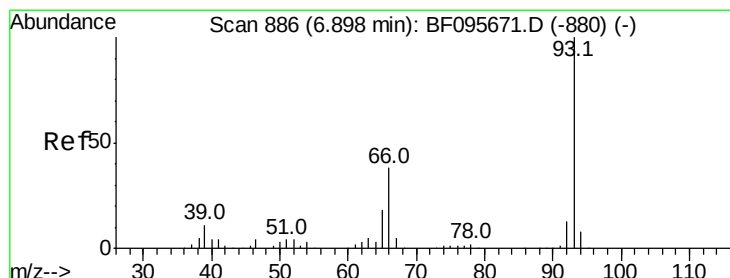
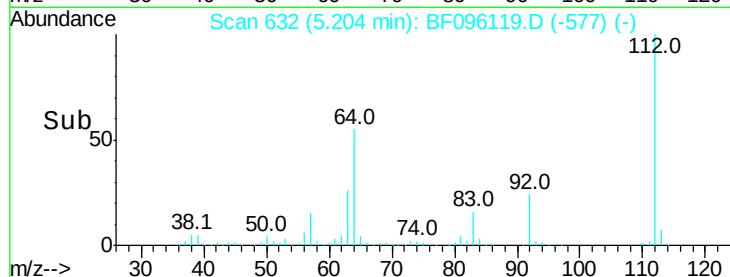
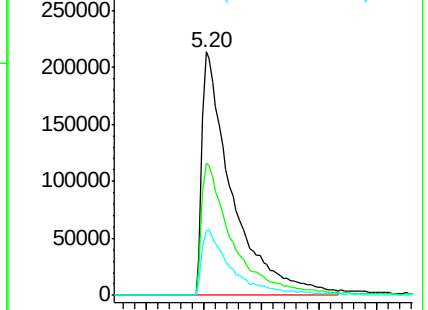
63 26.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.72 ng

RT: 6.80 min Scan# 904

Delta R.T. 0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

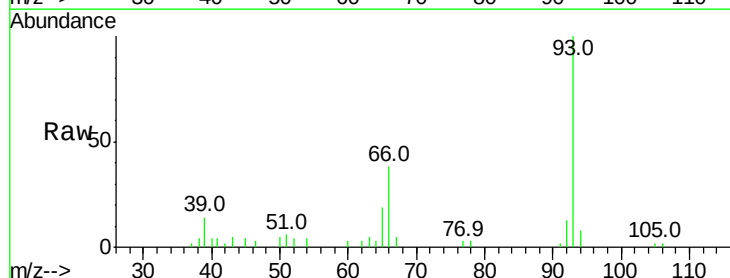
Tgt Ion: 93 Resp: 39412

Ion Ratio Lower Upper

93 100

66 38.4 32.9 49.3

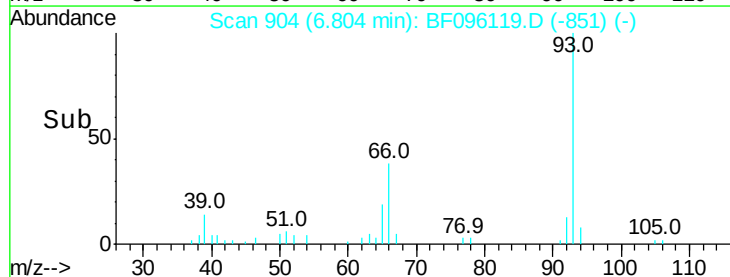
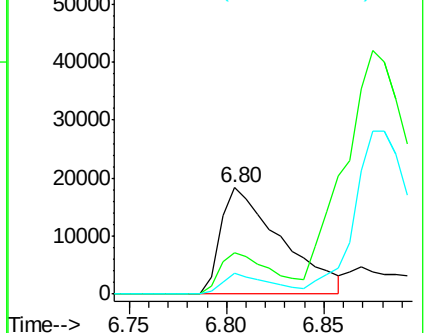
65 19.2 16.0 24.0

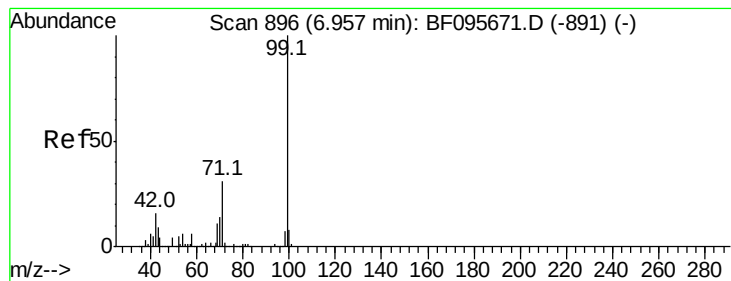


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.77 ng

RT: 6.86 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampled :

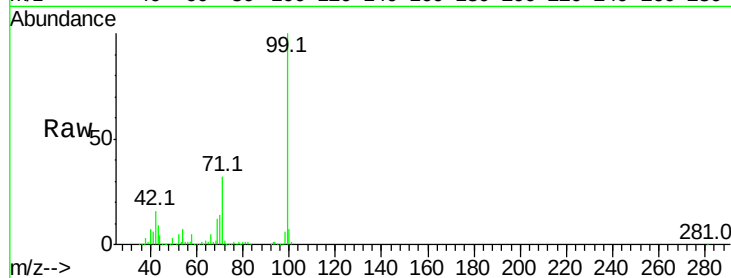
Tot Ion: 99 Resp: 892953

Ion Ratio Lower Upper

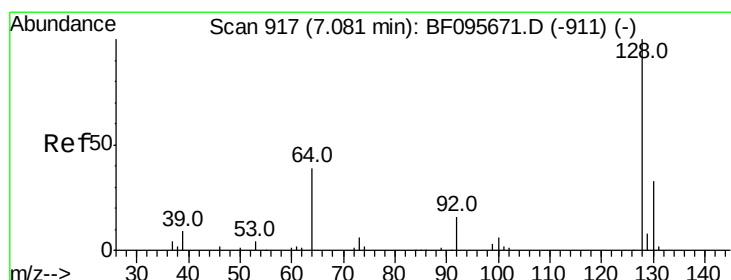
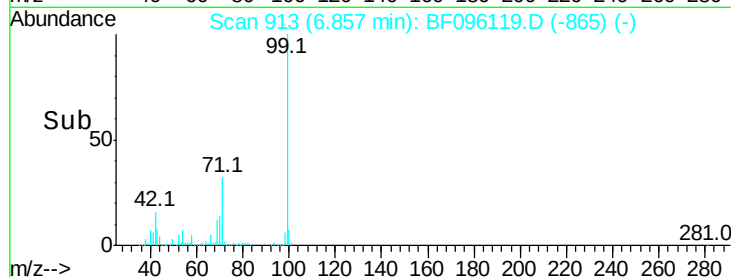
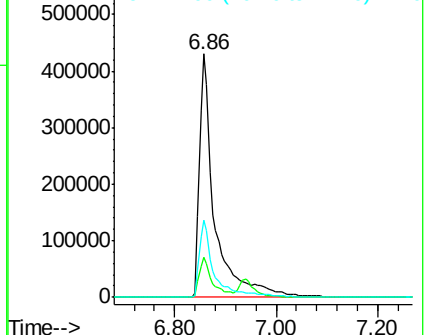
99 100

42 16.4 13.5 20.3

71 31.9 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: 49.05 ng

RT: 6.97 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

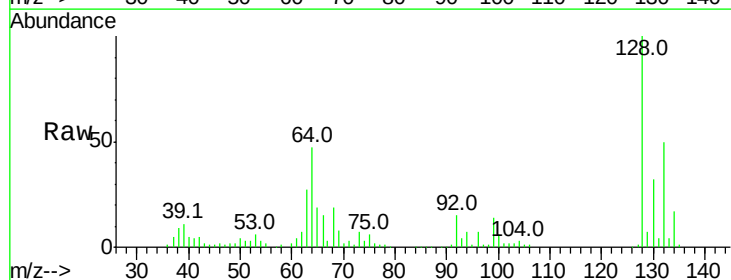
Tgt Ion:128 Resp: 278342

Ion Ratio Lower Upper

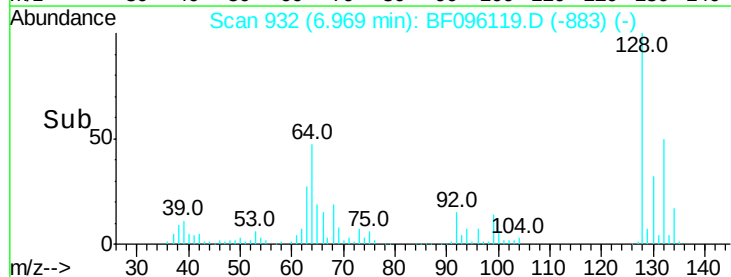
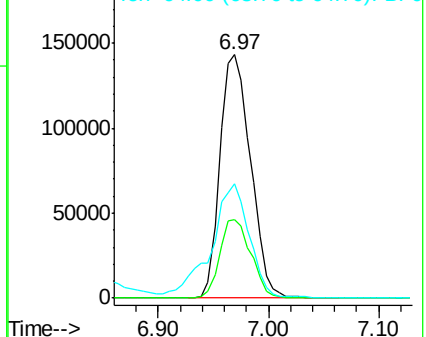
128 100

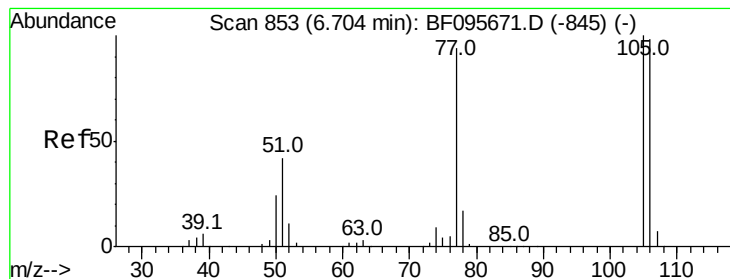
130 32.2 12.9 52.9

64 47.1 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: 20.06 ng

RT: 6.60 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampled :

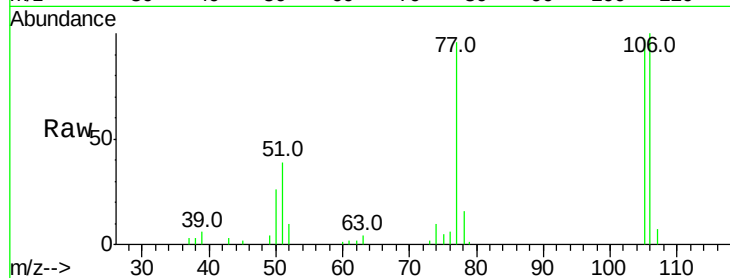
Tot Ion: 77 Resp: 86441

Ion Ratio Lower Upper

77 100

105 100.4 83.8 123.8

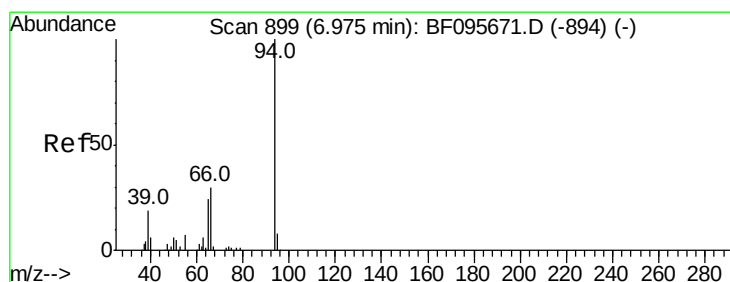
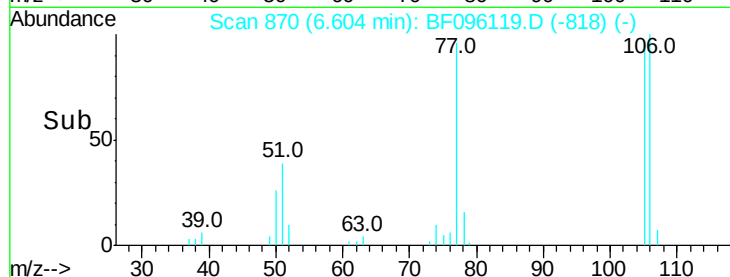
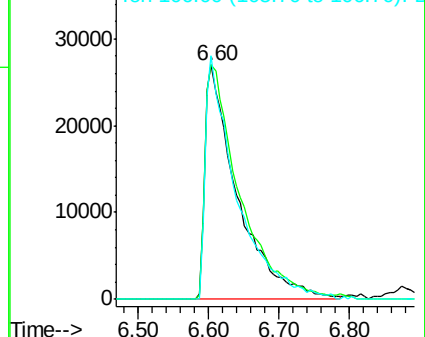
106 104.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.82 ng

RT: 6.87 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

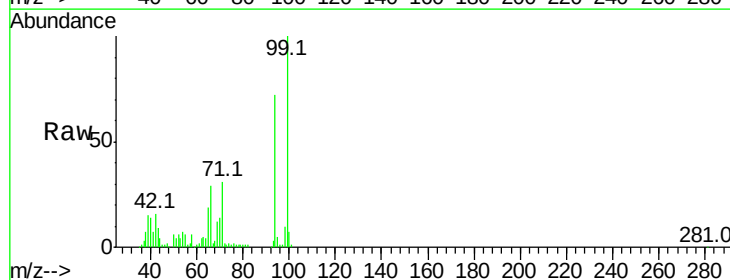
Tgt Ion: 94 Resp: 297041

Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

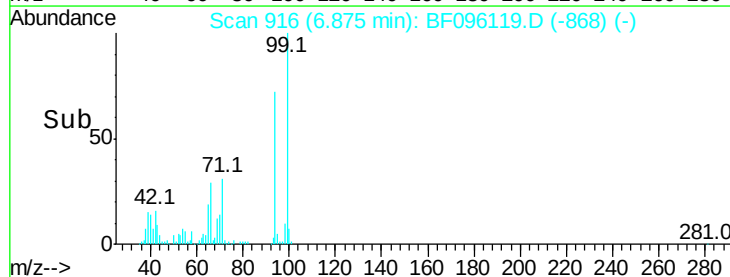
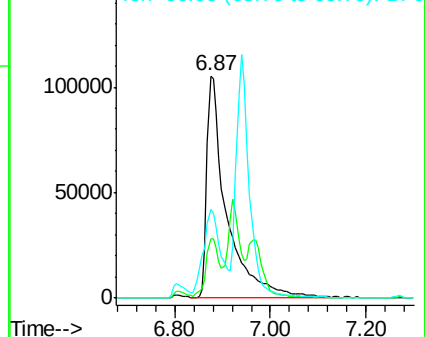
66 39.9 23.1 63.1

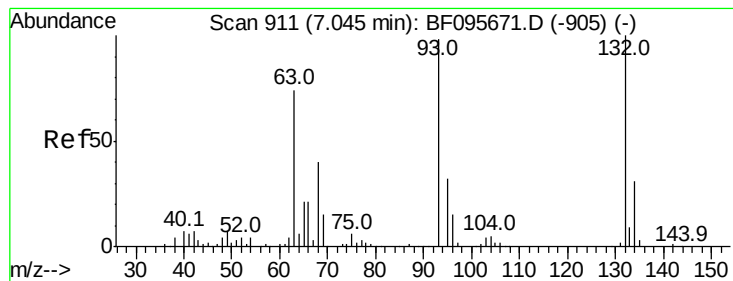


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

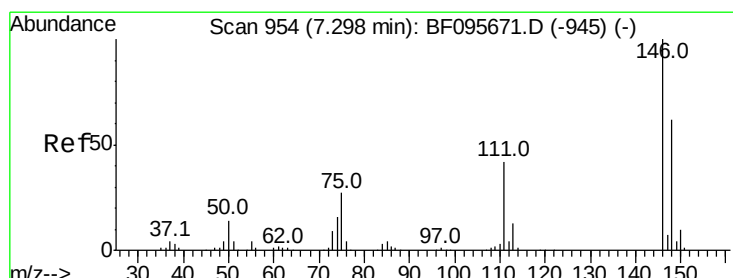
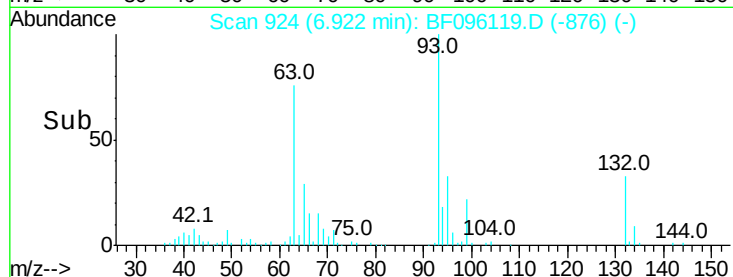
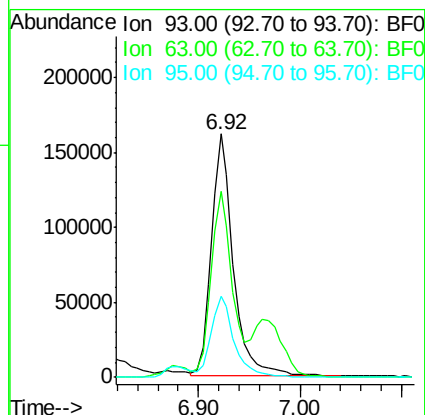
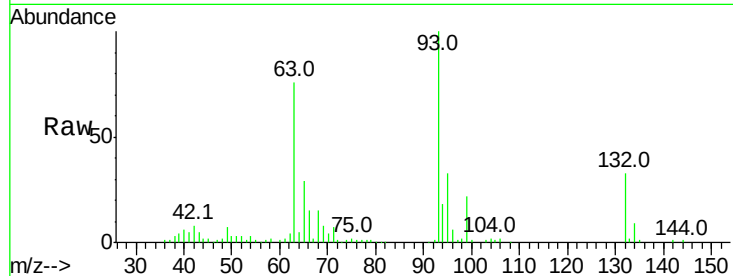




#11
bis(2-Chloroethyl)ether
Concen: 45.90 ng
RT: 6.92 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

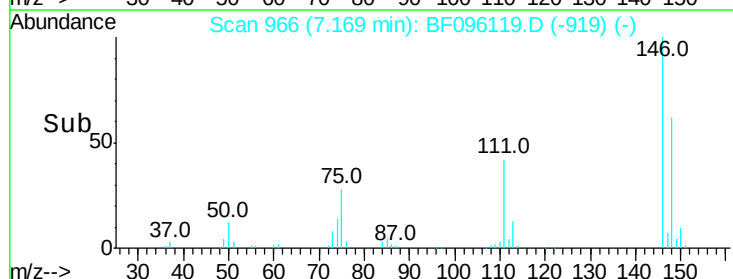
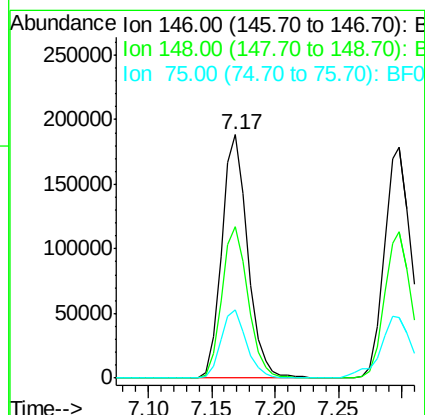
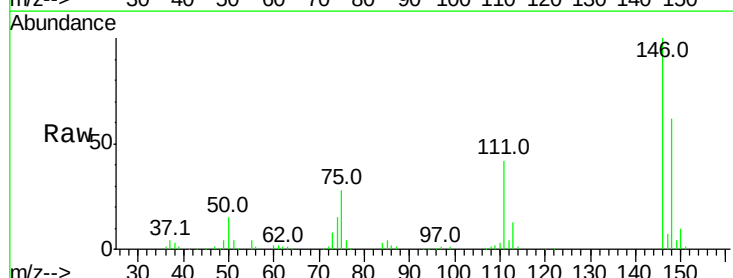
Instrument :
BNA_F
ClientSampleId :

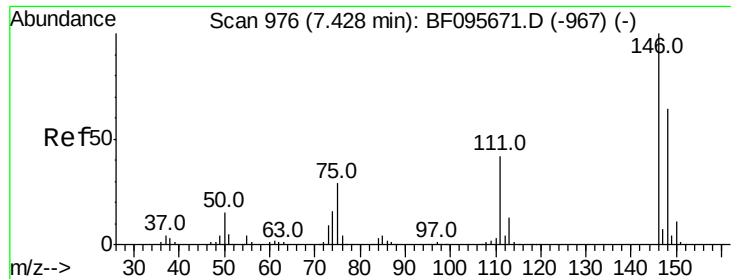
Tot Ion: 93 Resp: 240994
Ion Ratio Lower Upper
93 100
63 76.2 59.2 99.2
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.68 ng
RT: 7.17 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion: 146 Resp: 267702
Ion Ratio Lower Upper
146 100
148 62.4 51.8 77.6
75 28.2 23.1 34.7

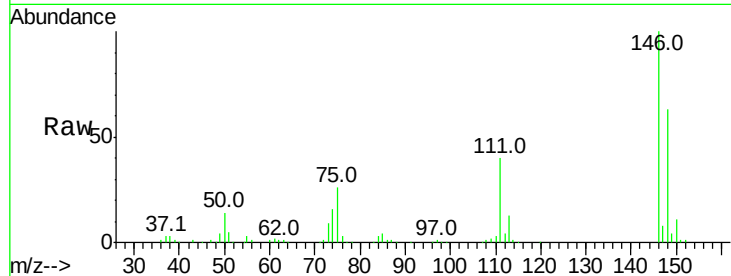




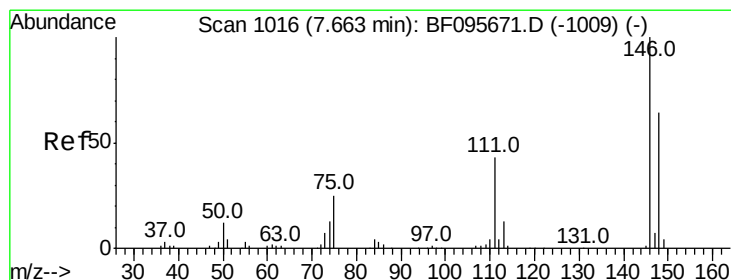
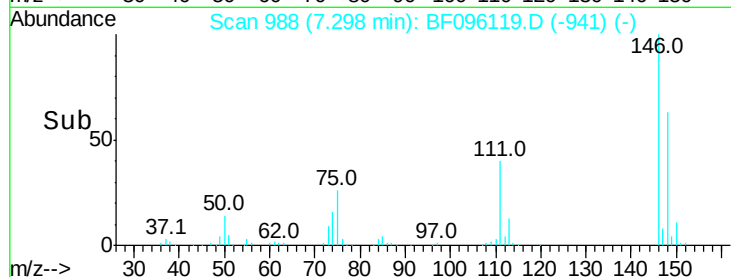
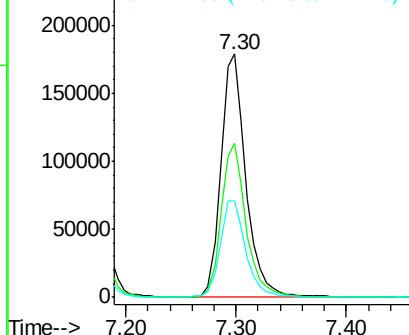
#13
 1,4-Dichlorobenzene
 Concen: 43.39 ng
 RT: 7.30 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 282594
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 39.7 30.3 45.5

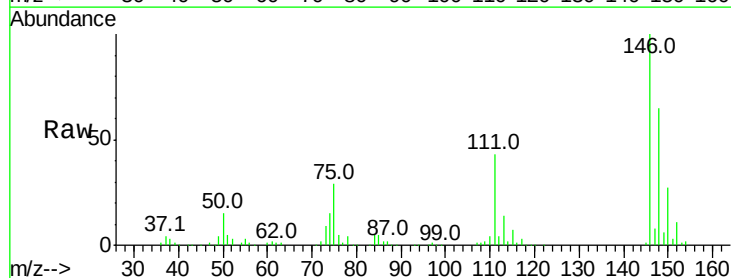


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

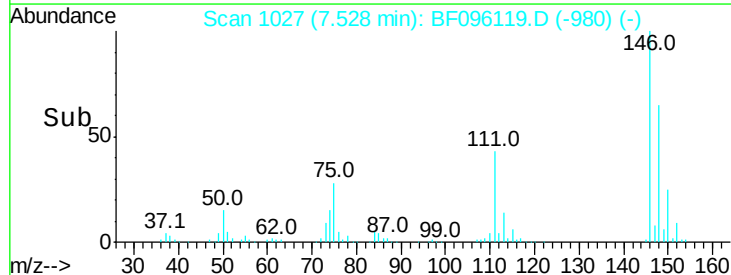
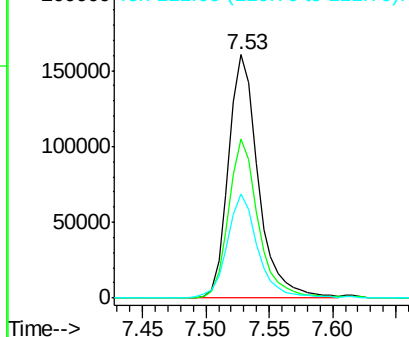


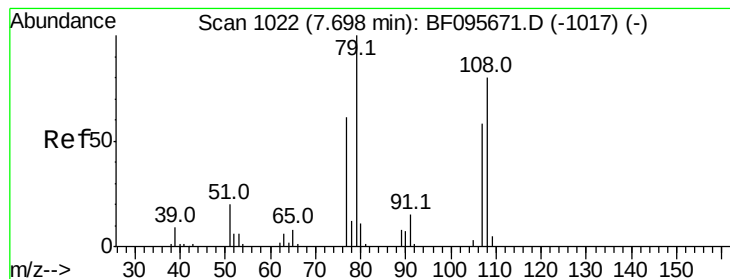
#14
 1,2-Dichlorobenzene
 Concen: 43.64 ng
 RT: 7.53 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion:146 Resp: 262039
 Ion Ratio Lower Upper
 146 100
 148 65.5 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: 35.04 ng

RT: 7.60 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampled :

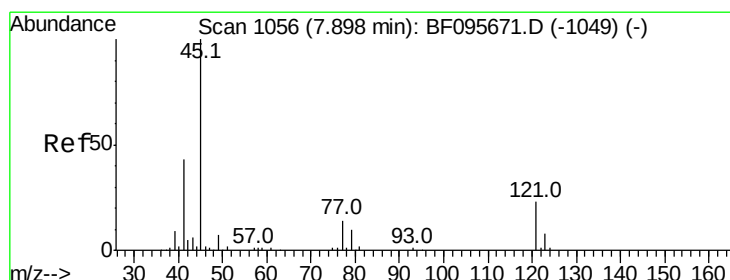
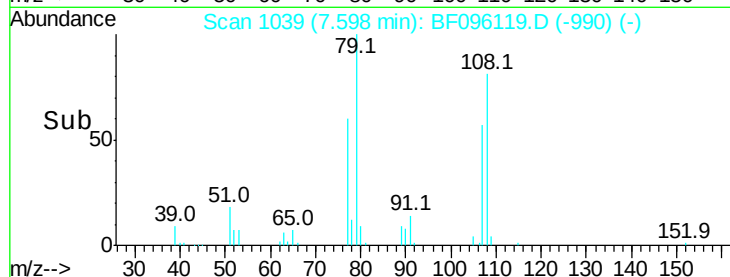
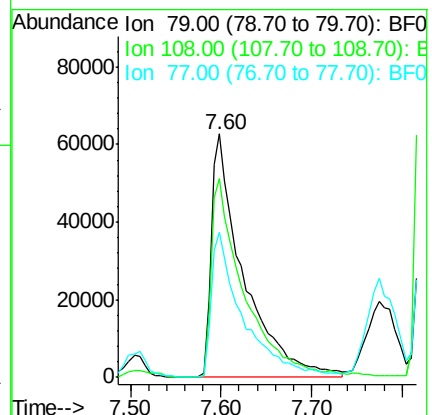
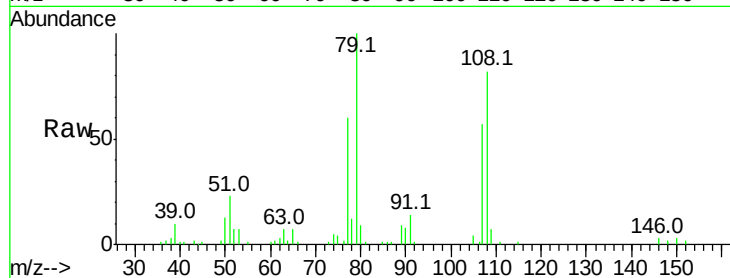
Tot Ion: 79 Resp: 153642

Ion Ratio Lower Upper

79 100

108 81.7 63.4 95.0

77 59.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.20 ng

RT: 7.77 min Scan# 1069

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

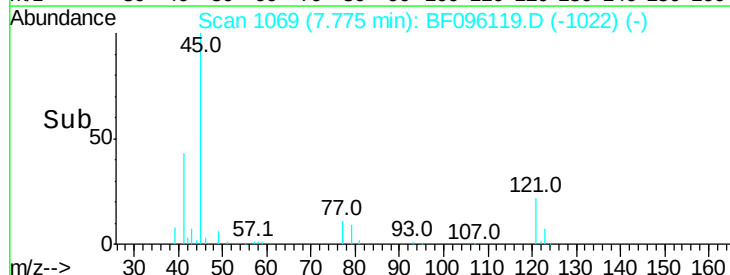
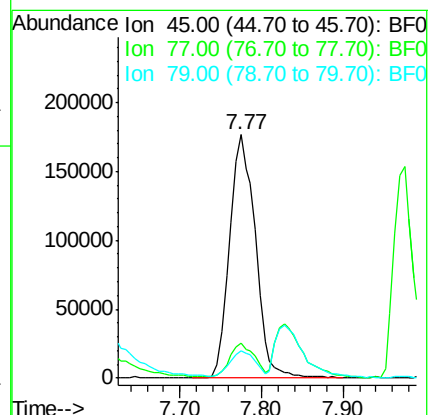
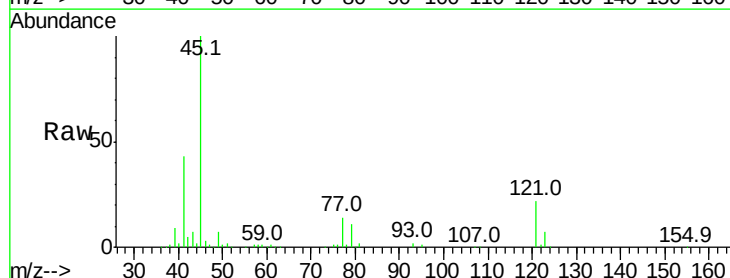
Tgt Ion: 45 Resp: 385068

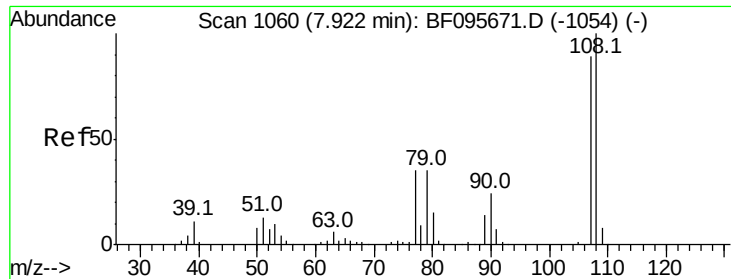
Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.2

79 11.1 0.0 30.0

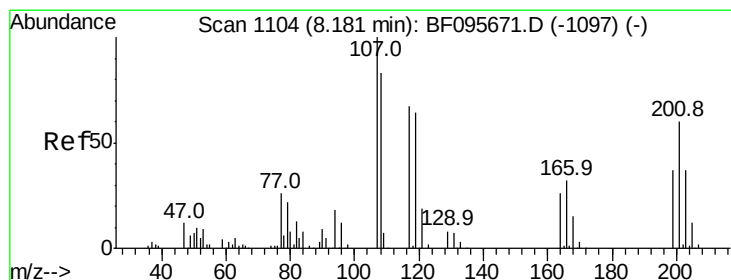
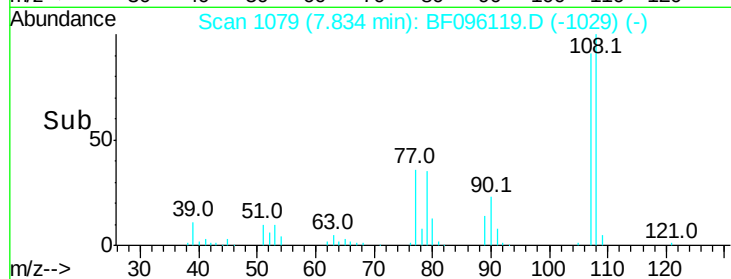
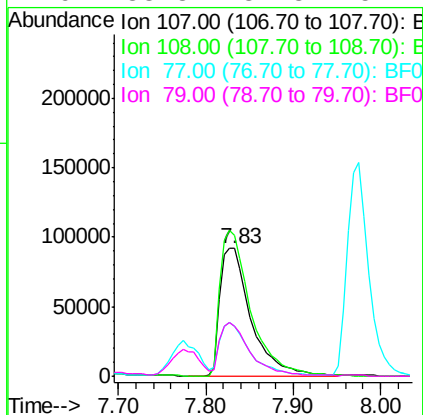
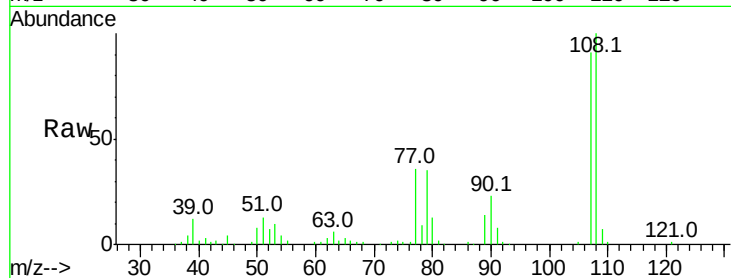




#17
2-Methylphenol
Concen: 47.77 ng
RT: 7.83 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

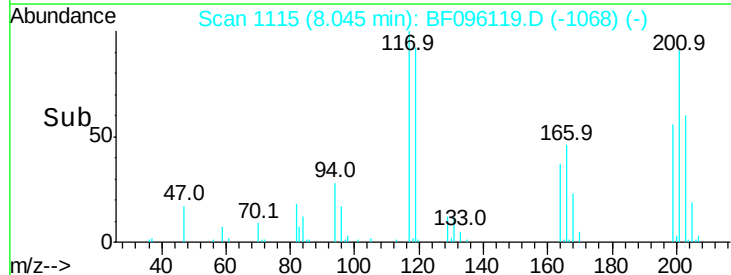
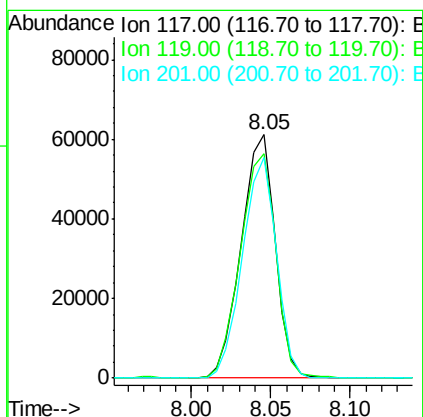
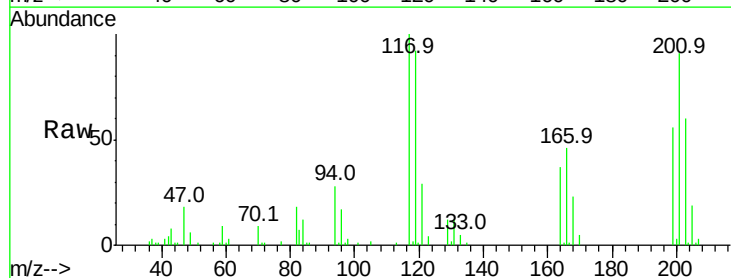
Instrument :
BNA_F
ClientSampleId :

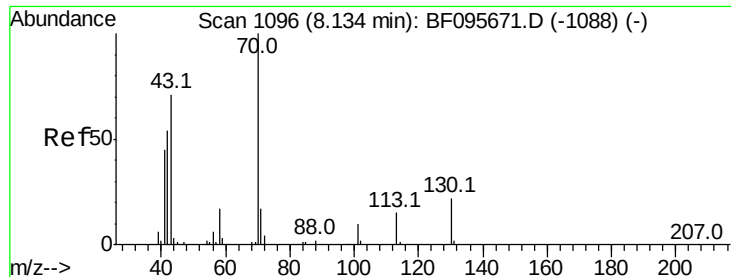
Tot Ion:	107	Resp:	227467
Ion	Ratio	Lower	Upper
107	100		
108	110.1	93.4	140.0
77	39.5	35.8	53.6
79	38.8	34.8	52.2



#18
Hexachloroethane
Concen: 42.49 ng
RT: 8.05 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion:	117	Resp:	91398
Ion	Ratio	Lower	Upper
117	100		
119	92.3	77.4	116.0
201	90.7	94.6	141.8#

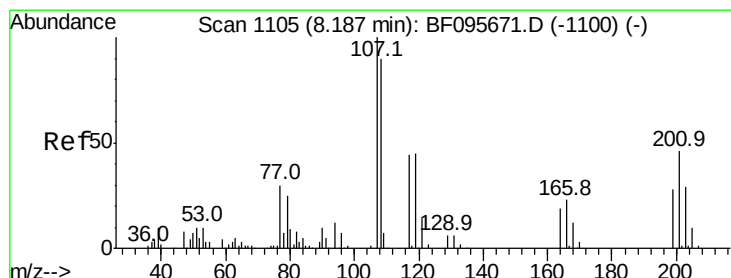
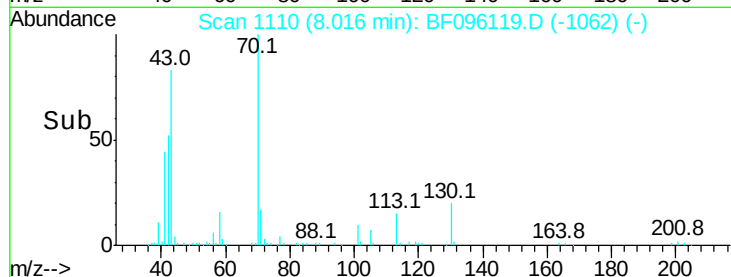
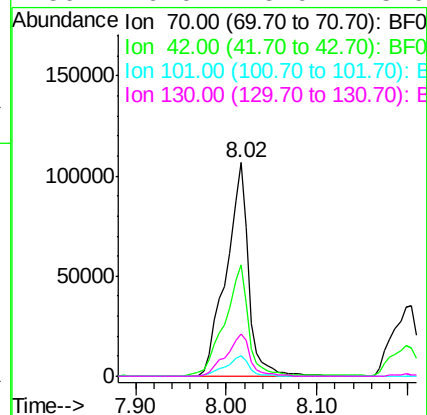
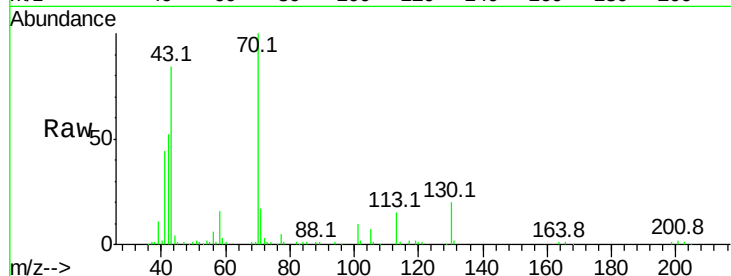




#19
n-Nitroso-di-n-propylamine
Concen: 45.36 ng
RT: 8.02 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

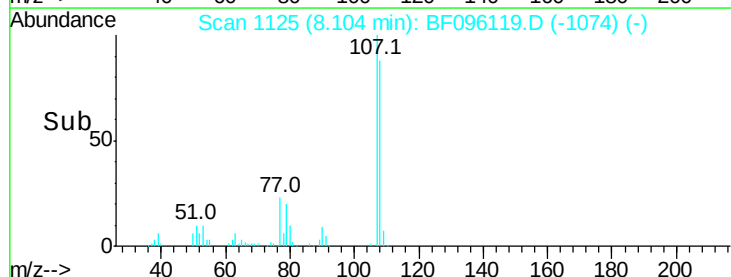
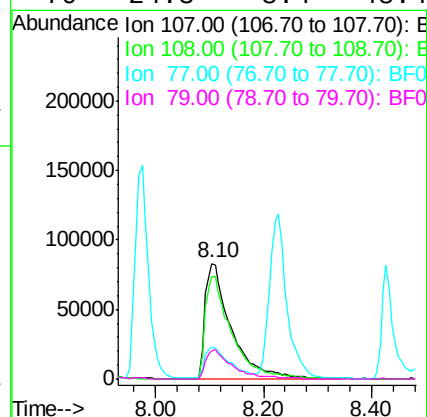
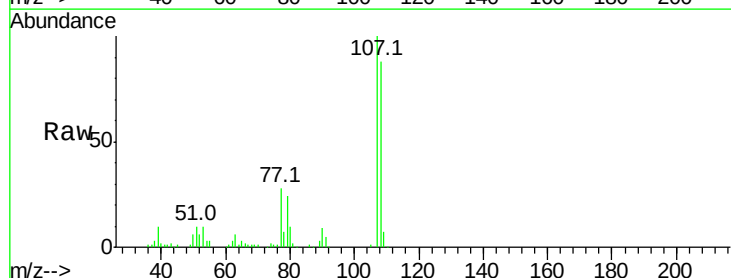
Instrument :
BNA_F
ClientSampleId :

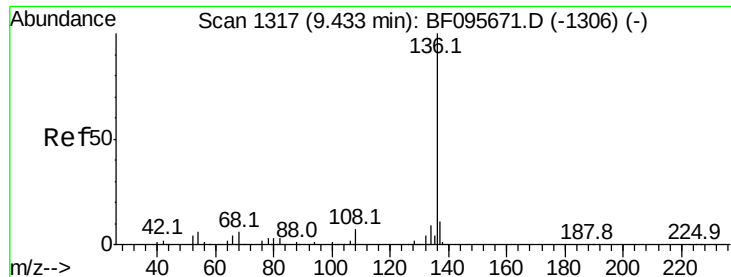
Tot Ion: 70 Resp: 183674
Ion Ratio Lower Upper
70 100
42 52.0 47.2 70.8
101 9.6 7.2 10.8
130 20.0 15.9 23.9



#20
3+4-Methylphenols
Concen: 46.29 ng
RT: 8.10 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion:107 Resp: 279816
Ion Ratio Lower Upper
107 100
108 87.9 71.0 111.0
77 28.2 90.5 130.5#
79 24.3 8.4 48.4

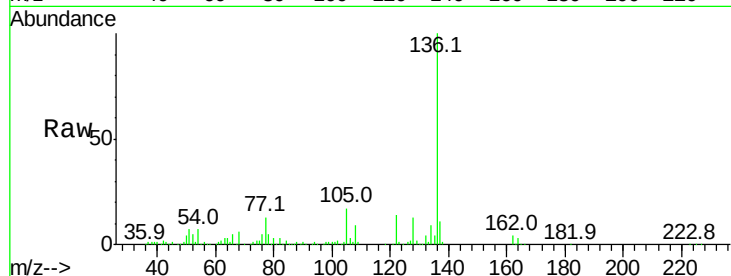




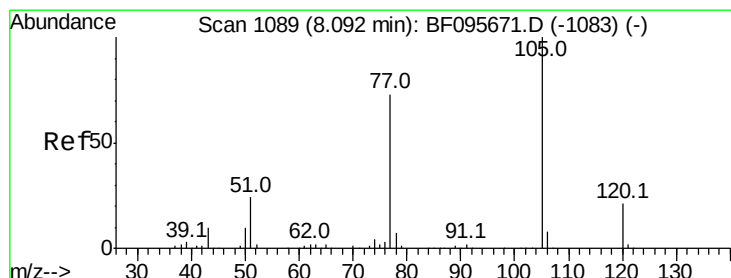
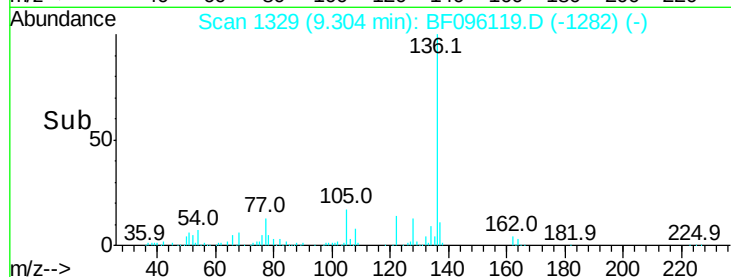
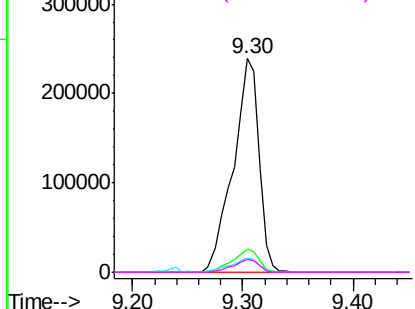
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.30 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	393071
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.5 12.7
54	6.9	4.9 7.3
68	5.9	4.1 6.1

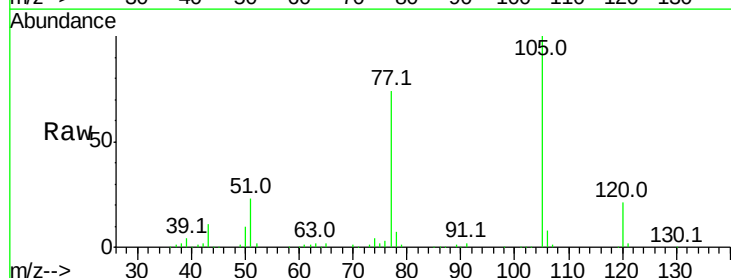


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

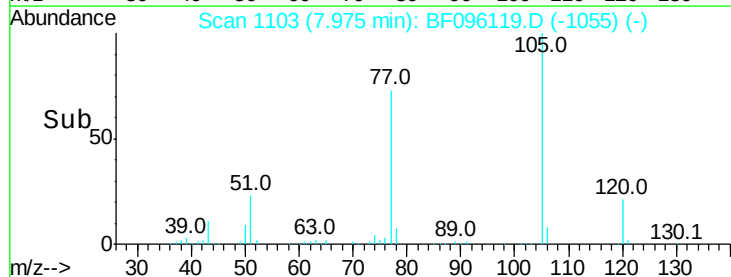
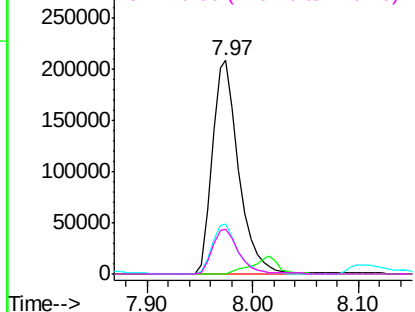


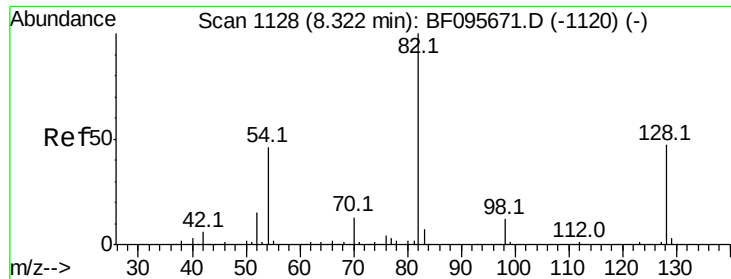
#22
Acetophenone
Concen: 39.60 ng
RT: 7.97 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion:105	Resp:	364317
Ion	Ratio	Lower Upper
105	100	
71	0.3	2.8 4.2#
51	23.2	30.7 46.1#
120	20.8	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

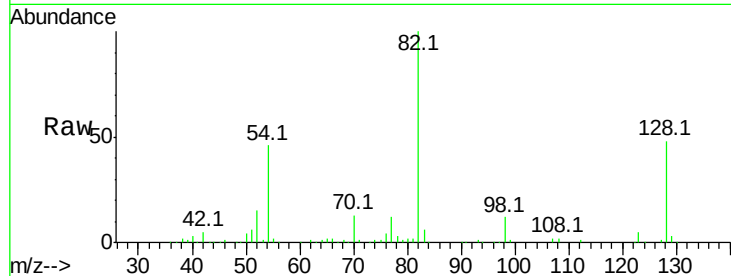




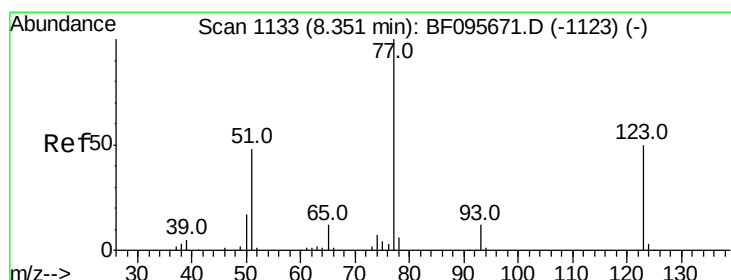
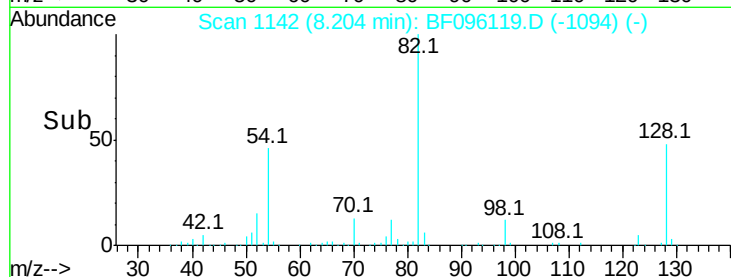
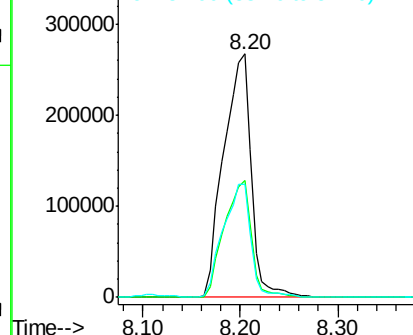
#23
Nitrobenzene-d5
Concen: 83.15 ng
RT: 8.20 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 526240
Ion Ratio Lower Upper
82 100
128 47.9 34.0 51.0
54 46.4 42.2 63.2

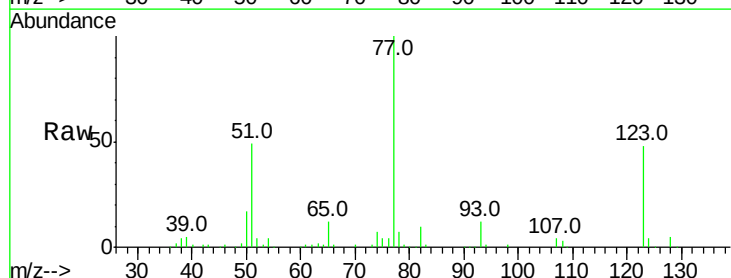


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

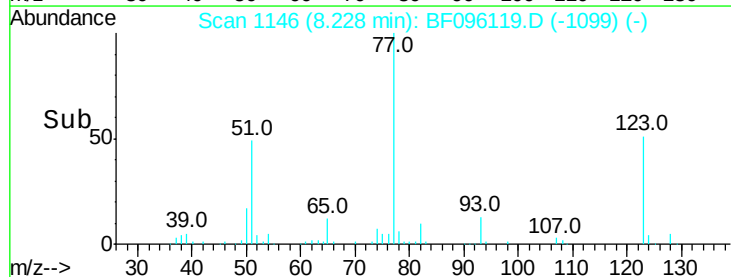
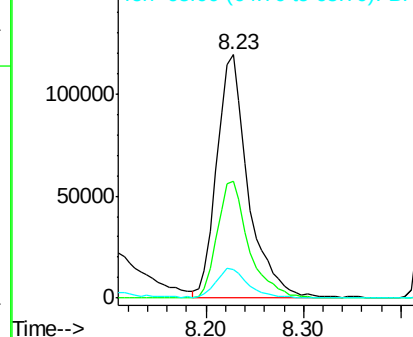


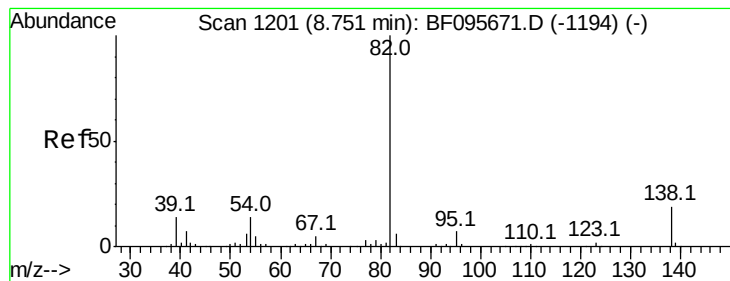
#24
Nitrobenzene
Concen: 38.87 ng
RT: 8.23 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion: 77 Resp: 262810
Ion Ratio Lower Upper
77 100
123 48.2 35.8 53.8
65 11.8 10.6 15.8



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





#25

Isophorone

Concen: 44.68 ng

RT: 8.63 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampleId :

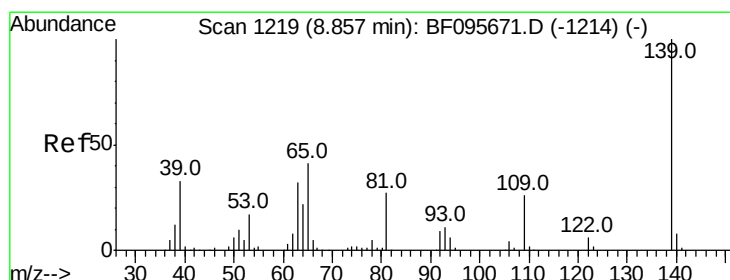
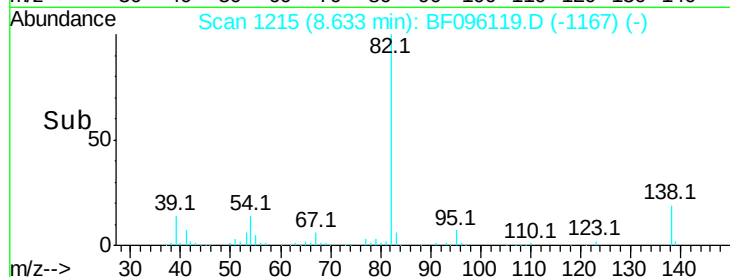
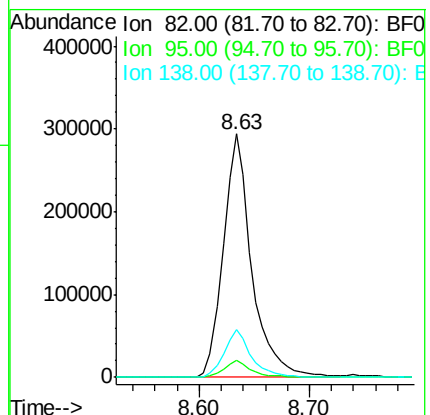
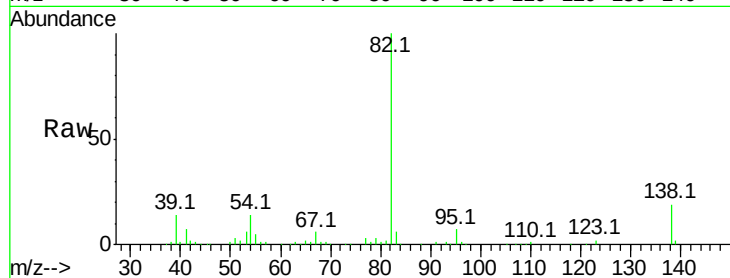
Tot Ion: 82 Resp: 528043

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 45.75 ng

RT: 8.74 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

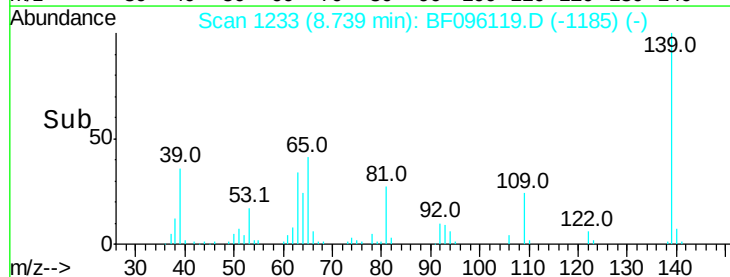
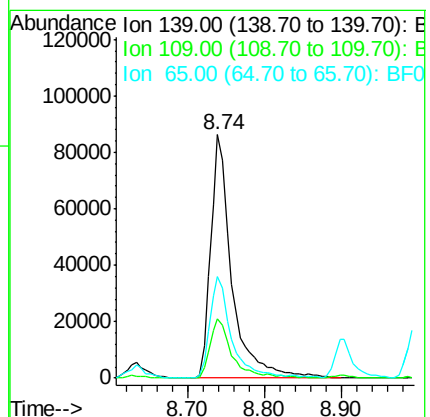
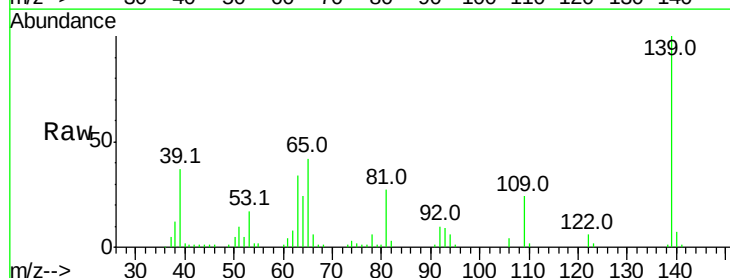
Tgt Ion: 139 Resp: 161972

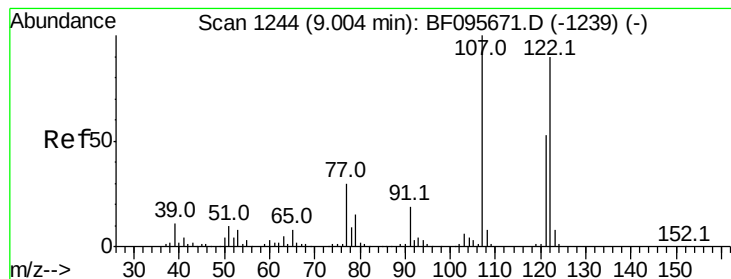
Ion Ratio Lower Upper

139 100

109 24.2 21.0 31.6

65 41.9 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 47.52 ng

RT: 8.90 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampled :

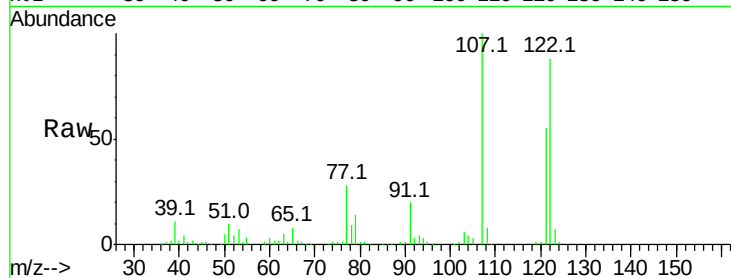
Tot Ion:122 Resp: 261097

Ion Ratio Lower Upper

122 100

107 113.5 89.2 133.8

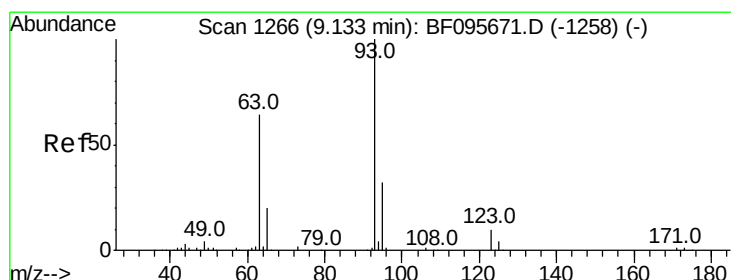
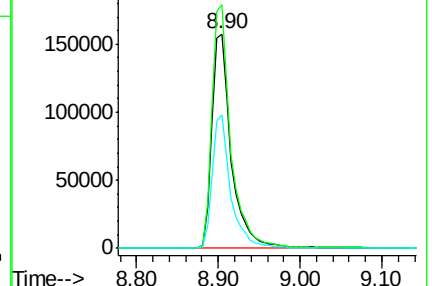
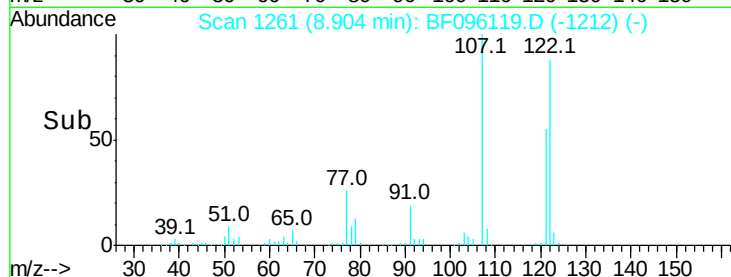
121 62.1 45.2 67.8



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: 41.37 ng

RT: 9.01 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

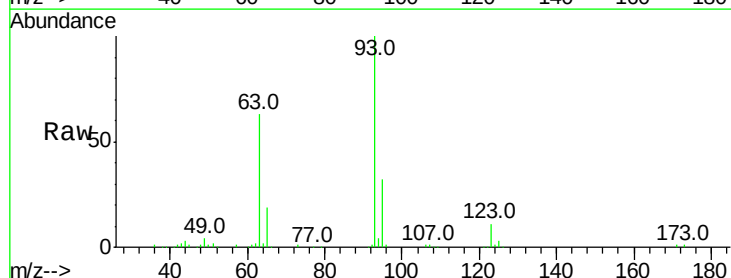
Tgt Ion: 93 Resp: 322285

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

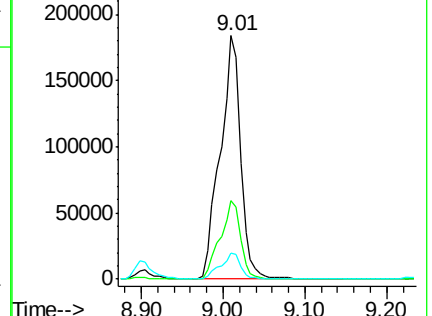
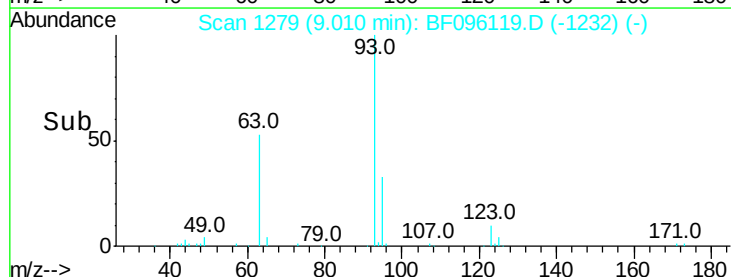
123 10.7 9.0 13.4

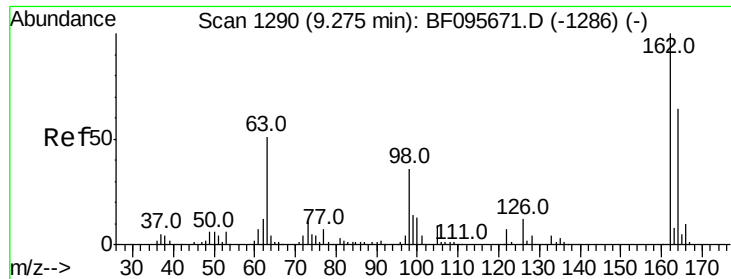


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

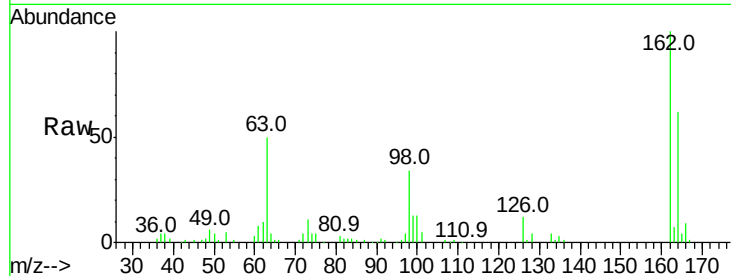




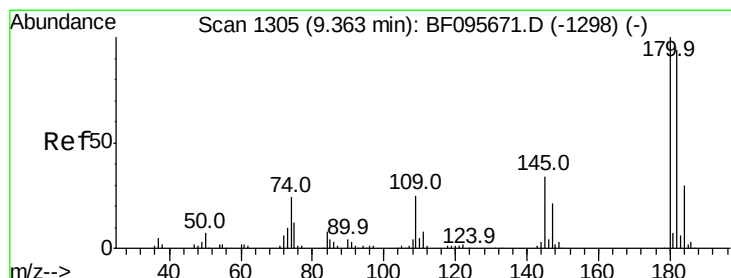
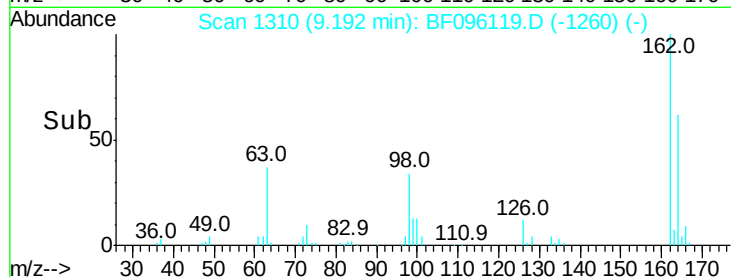
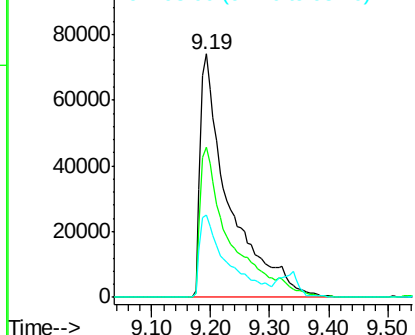
#29
 2,4-Dichlorophenol
 Concen: 47.47 ng
 RT: 9.19 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.6	84.6
98	33.8	14.8	54.8

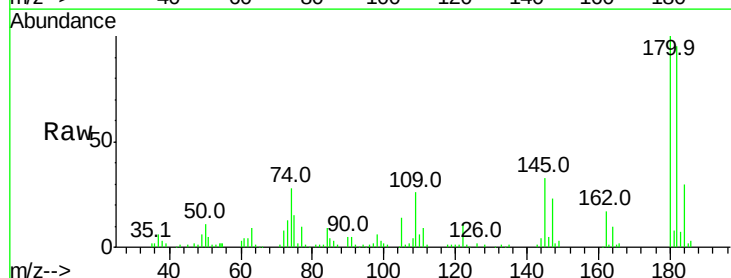


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

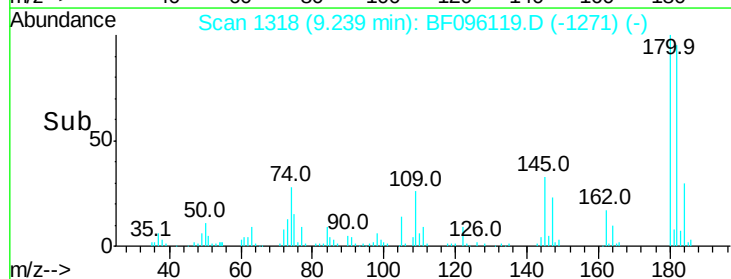
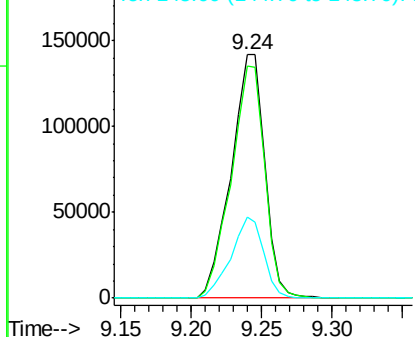


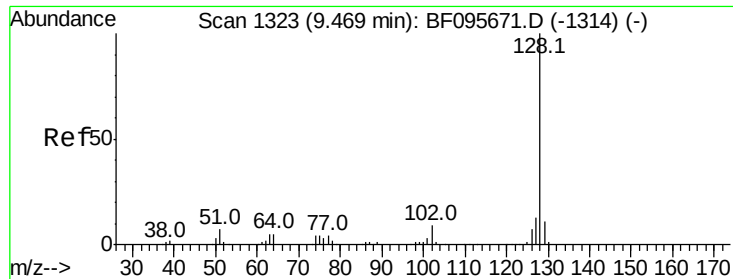
#30
 1,2,4-Trichlorobenzene
 Concen: 42.69 ng
 RT: 9.24 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	33.1	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

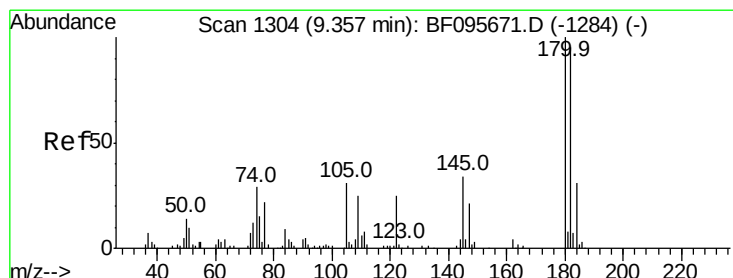
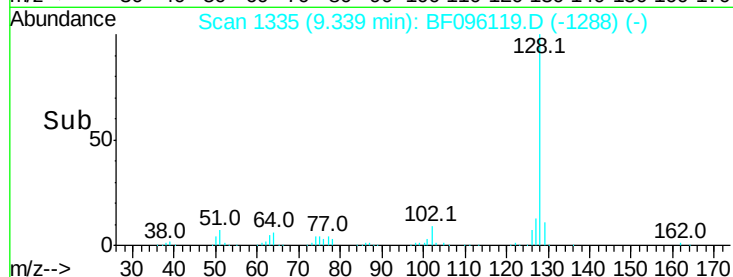
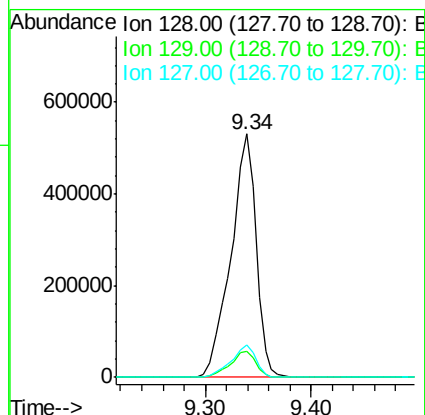
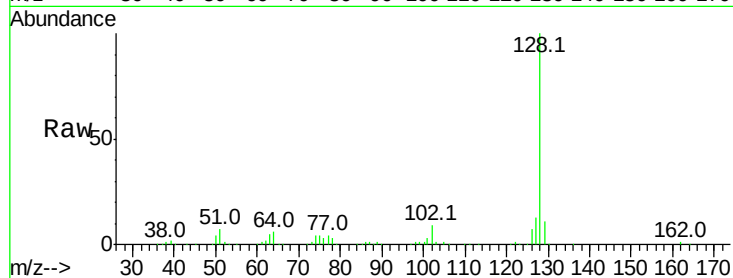




#31
Naphthalene
Concen: 44.33 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

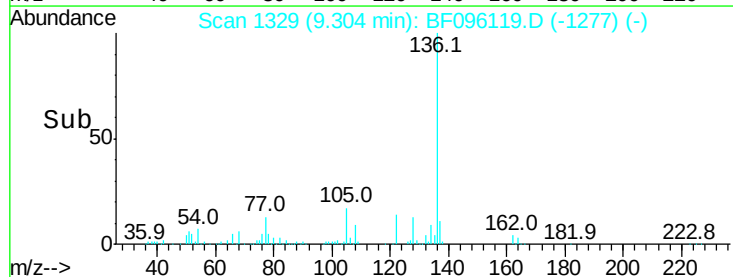
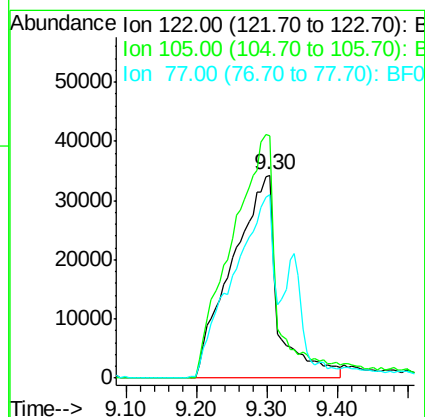
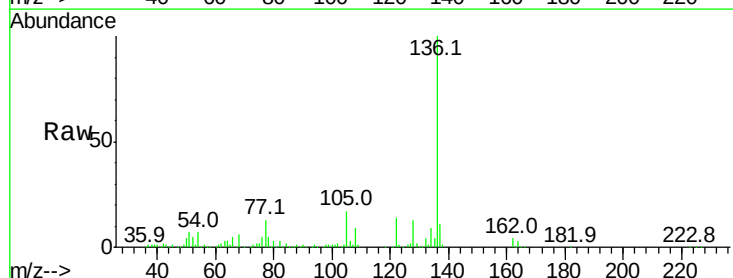
Instrument :
BNA_F
ClientSampleId :

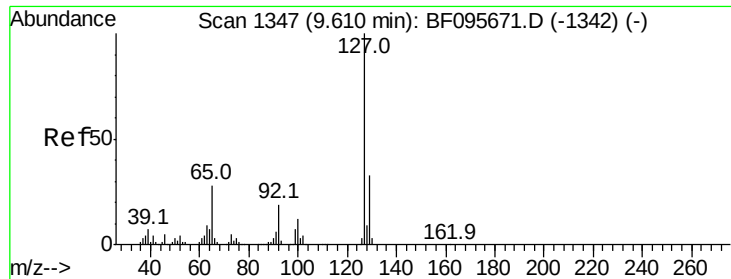
Tot Ion:128 Resp: 874568
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 45.34 ng
RT: 9.30 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion:122 Resp: 154594
Ion Ratio Lower Upper
122 100
105 119.3 103.3 143.3
77 90.8 73.7 113.7

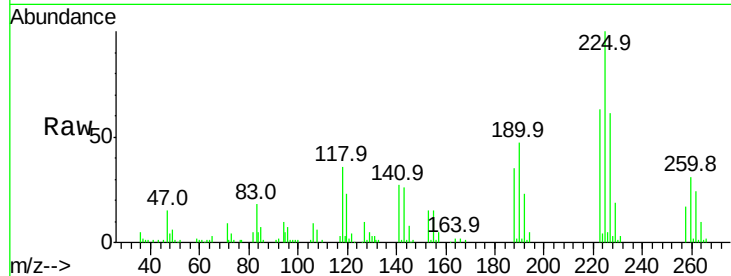




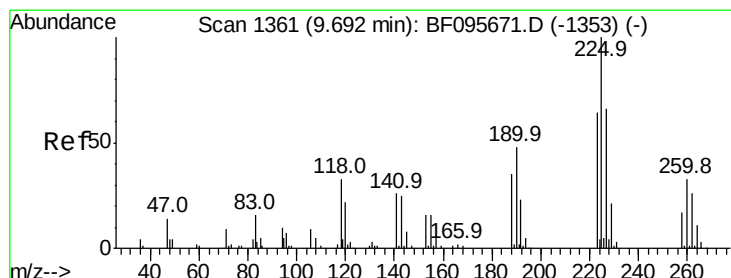
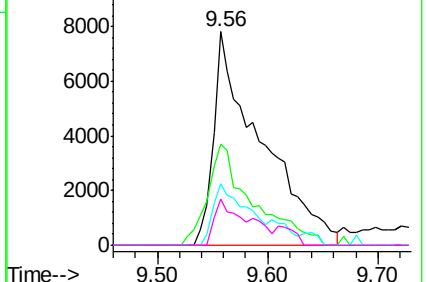
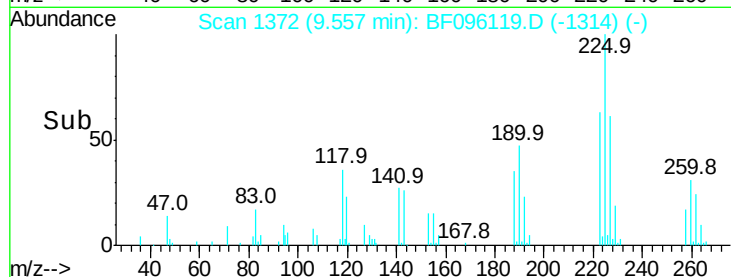
#33
4-Chloroaniline
Concen: 3.01 ng
RT: 9.56 min Scan# 1372
Delta R.T. 0.04 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	23181
Ion Ratio	Lower	Upper
127	100	
129	47.6	26.2 39.2#
65	29.0	27.8 41.8
92	21.5	16.8 25.2

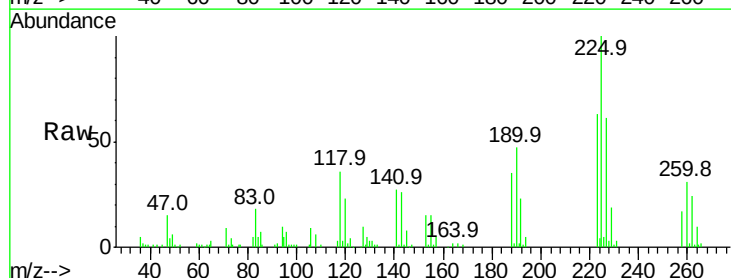


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

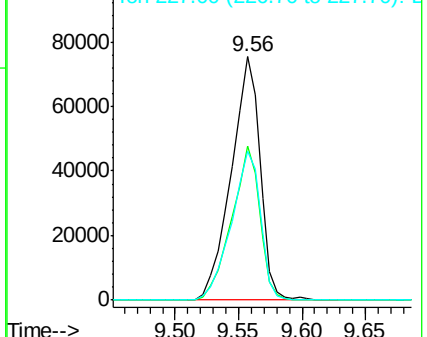
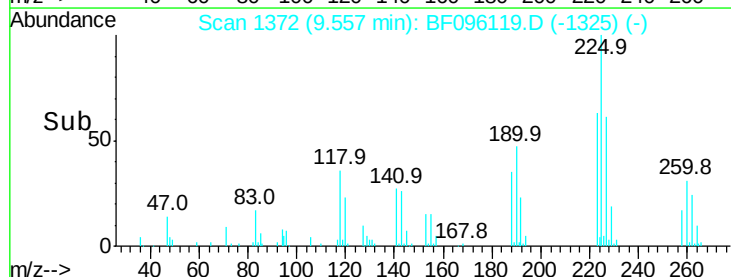


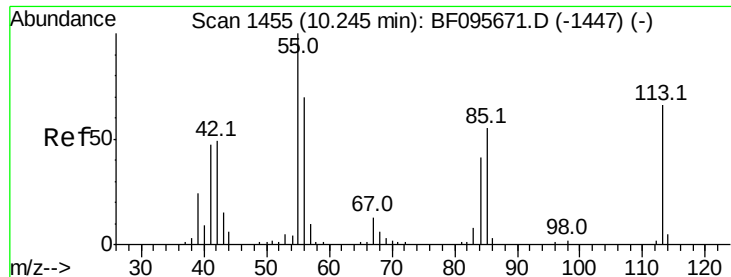
#34
Hexachlorobutadiene
Concen: 41.72 ng
RT: 9.56 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion:225	Resp:	118680
Ion Ratio	Lower	Upper
225	100	
223	63.0	48.8 73.2
227	61.0	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: 22.60 ng

RT: 10.16 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampleId :

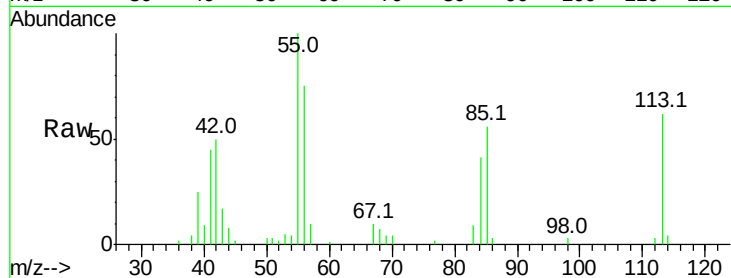
Tot Ion:113 Resp: 35589

Ion Ratio Lower Upper

113 100

55 161.5 150.2 190.2

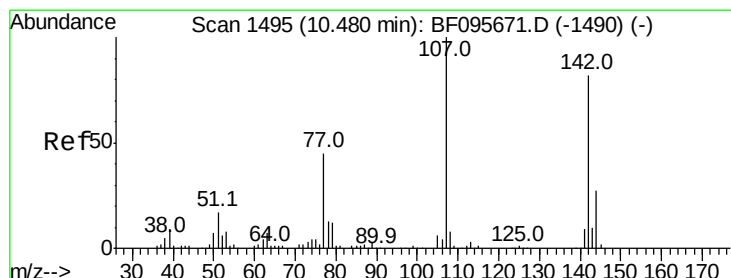
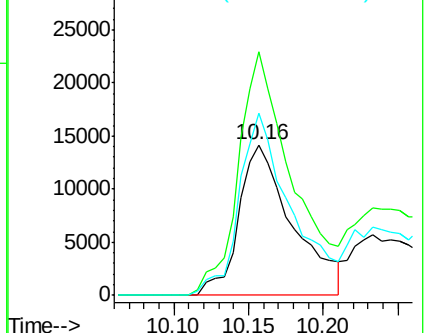
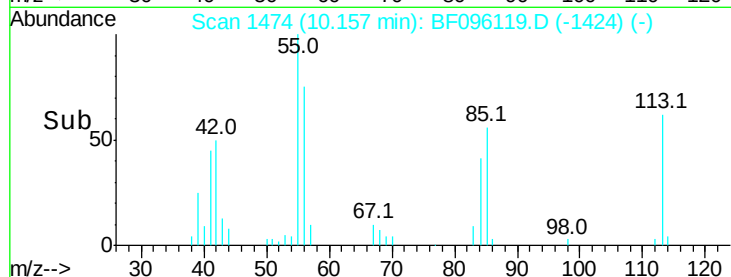
56 120.7 107.8 147.8



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: 41.17 ng

RT: 10.40 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

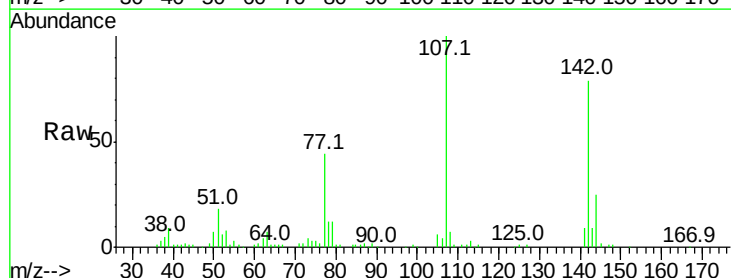
Tgt Ion:107 Resp: 228022

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

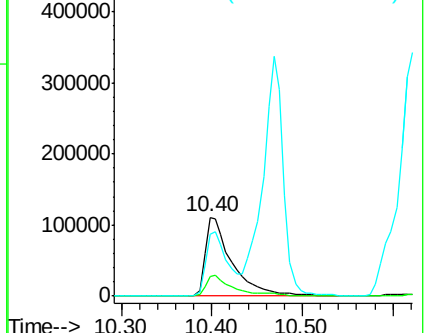
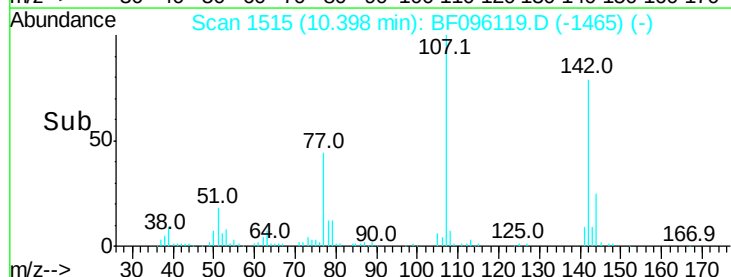
142 79.0 73.4 110.0

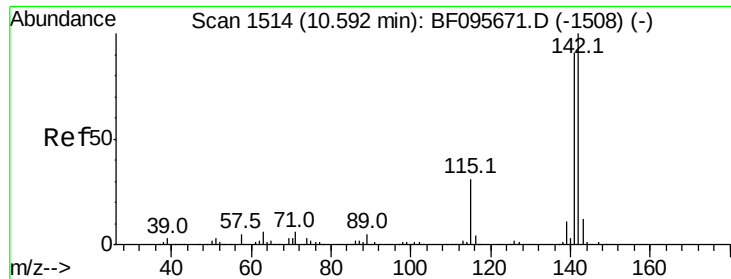


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

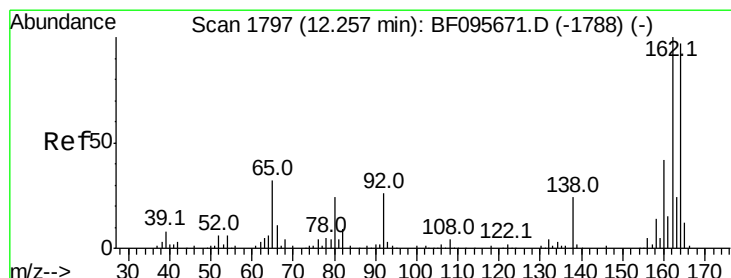
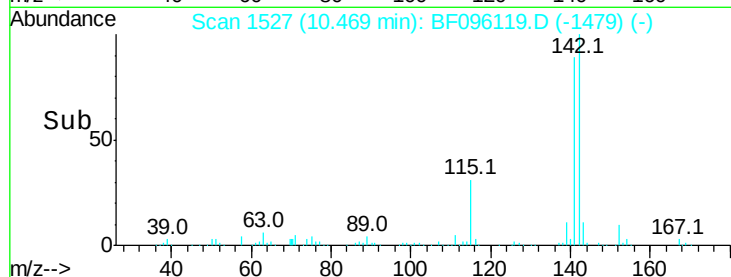
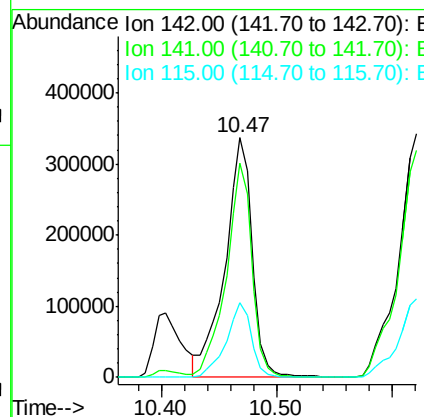
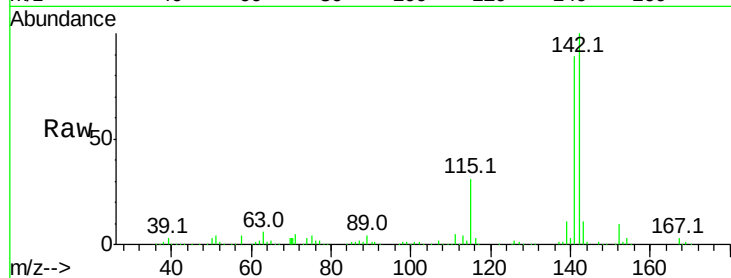




#37
2-Methylnaphthalene
Concen: 41.22 ng
RT: 10.47 min Scan# 1527
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

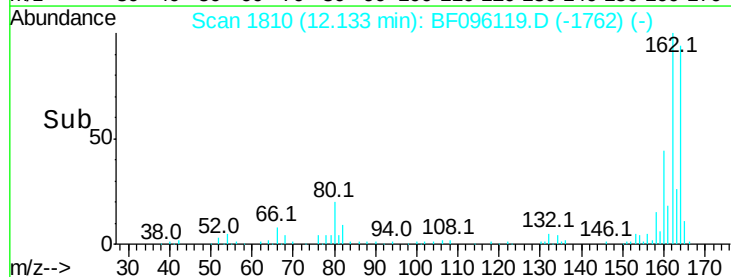
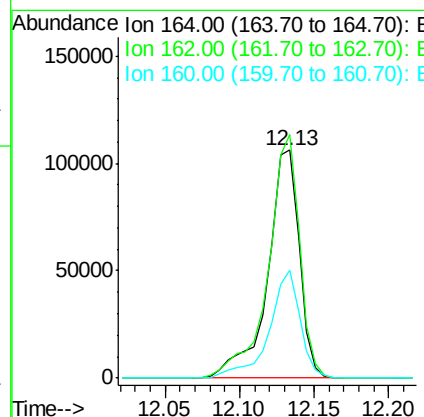
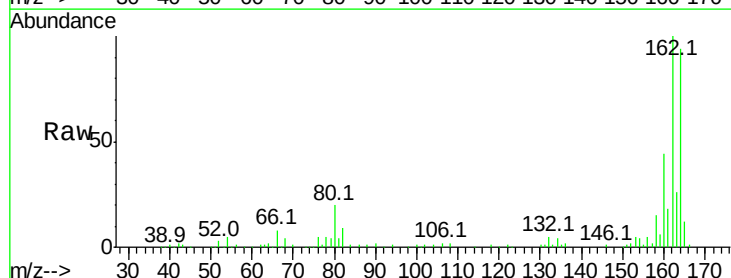
Instrument :
BNA_F
ClientSampled :

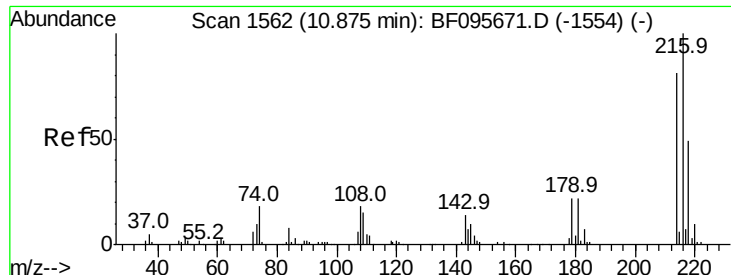
Tot Ion:142 Resp: 549442
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 31.1 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion:164 Resp: 157332
Ion Ratio Lower Upper
164 100
162 106.8 82.6 123.8
160 47.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.96 ng

RT: 10.75 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 225844

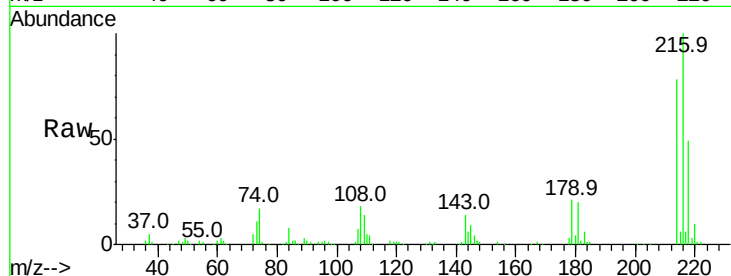
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 21.2 17.9 26.9

108 20.5 16.5 24.7

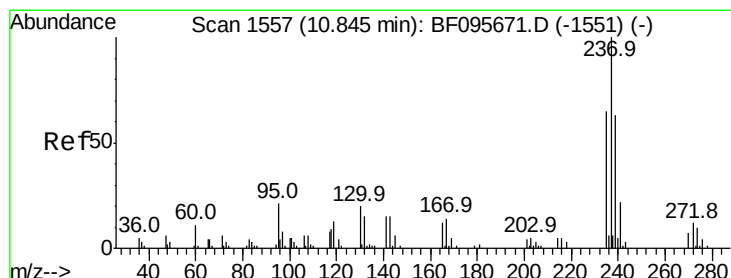
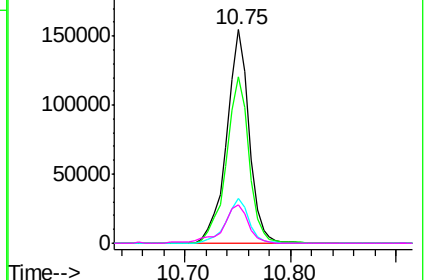
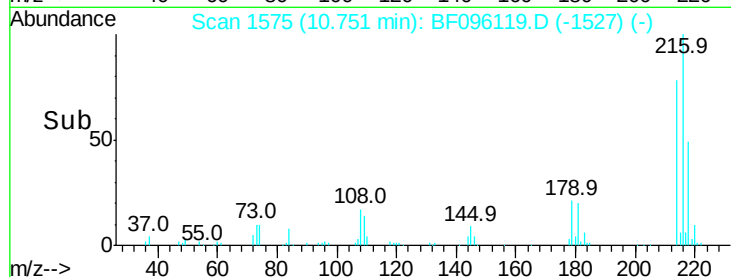


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.45 ng

RT: 10.72 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

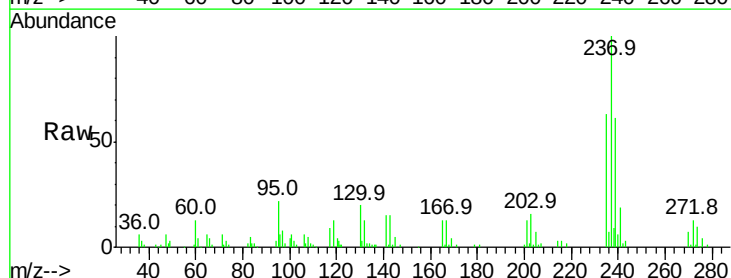
Tgt Ion:237 Resp: 99963

Ion Ratio Lower Upper

237 100

235 62.8 42.6 82.6

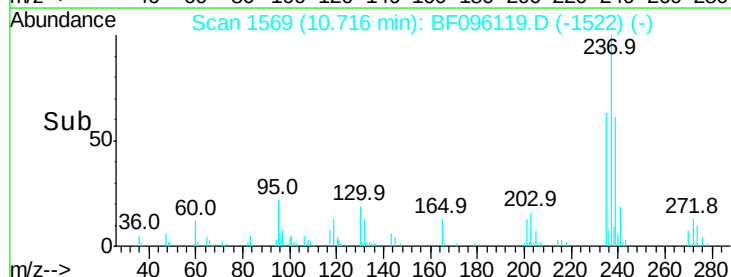
272 12.9 0.0 31.9



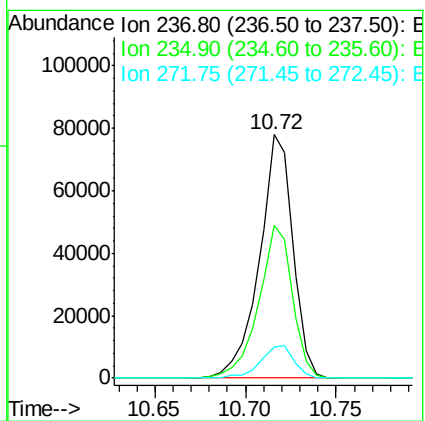
Abundance Ion 236.80 (236.50 to 237.50): E

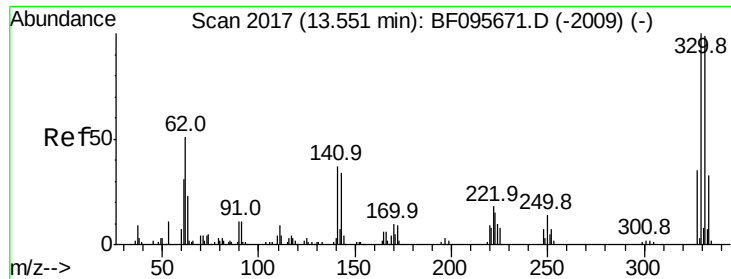
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

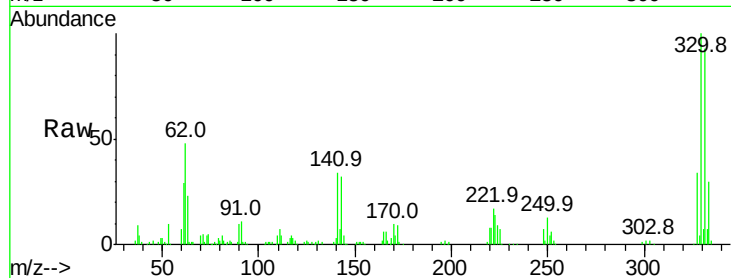




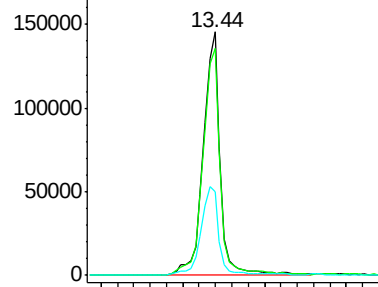
#41
 2,4,6-Tribromophenol
 Concen: 152.17 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :

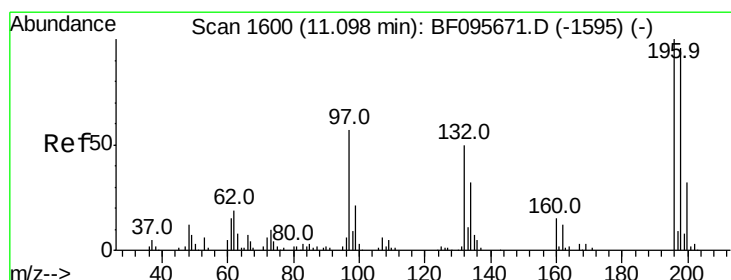
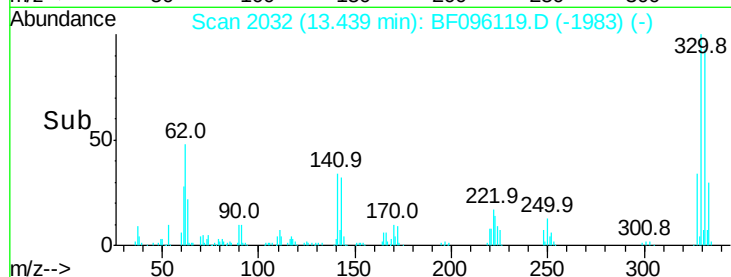
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.8	31.4	47.2



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

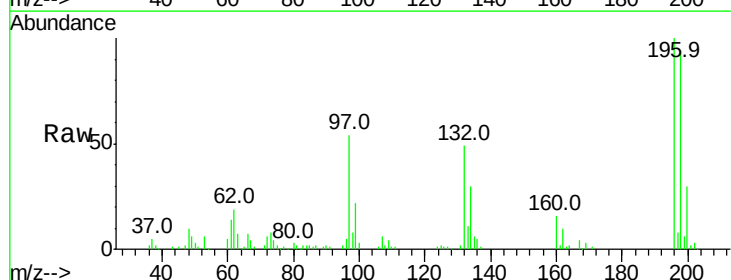


Time--> 13.30 13.40 13.50 13.60

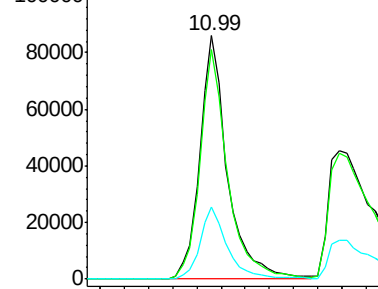


#42
 2,4,6-Trichlorophenol
 Concen: 45.03 ng
 RT: 10.99 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

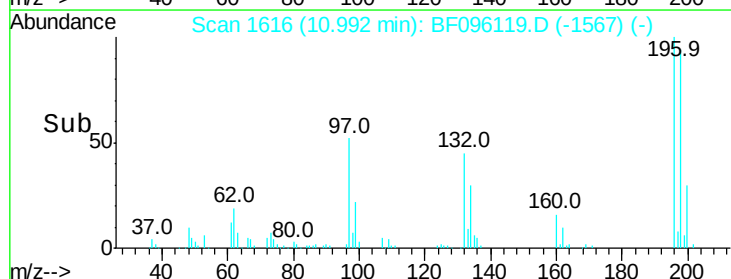
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.2	111.4
200	29.8	24.0	36.0

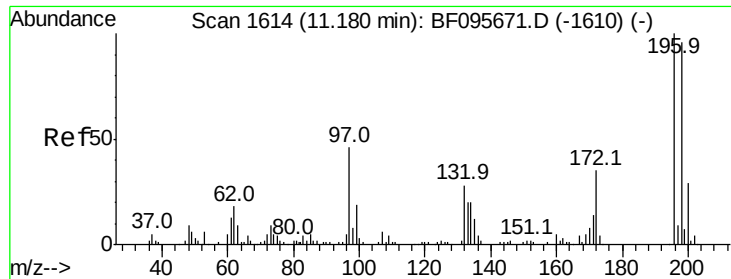


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



Time--> 10.90 11.00 11.10

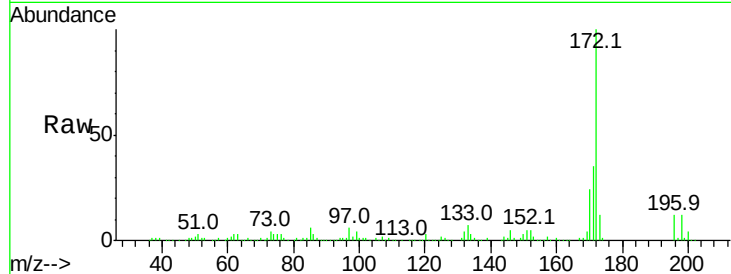




#43
 2,4,5-Trichlorophenol
 Concen: 41.17 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	75.7	113.5
97	51.9	47.7	71.5
132	33.8	28.0	42.0



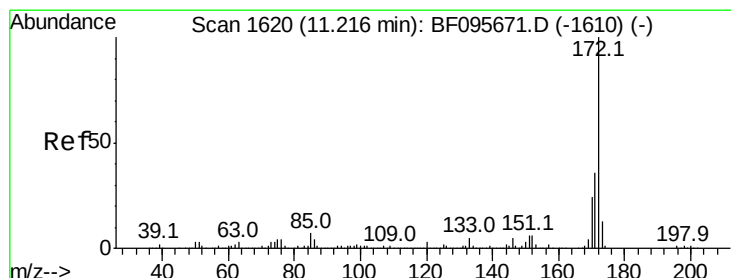
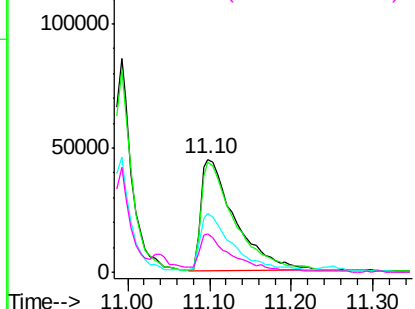
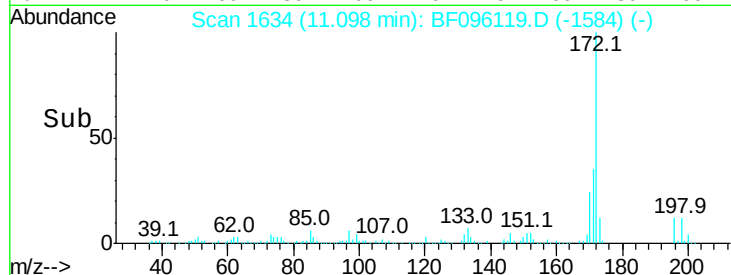
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

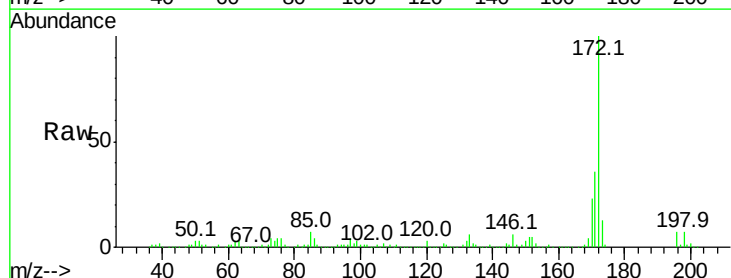
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.68 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.5	19.8	29.8

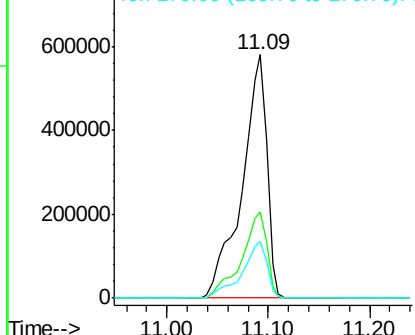
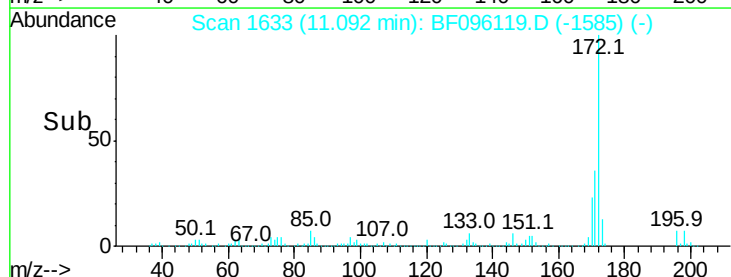


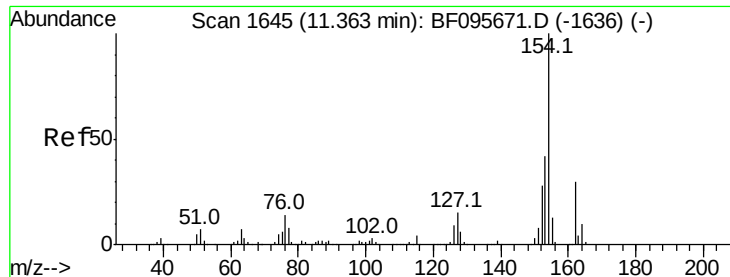
Abundance

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: 44.39 ng

RT: 11.24 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampleId :

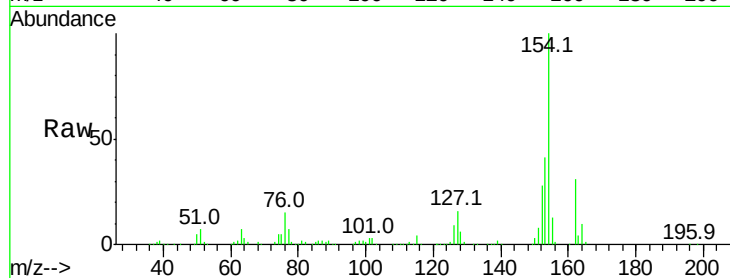
Tot Ion:154 Resp: 575572

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

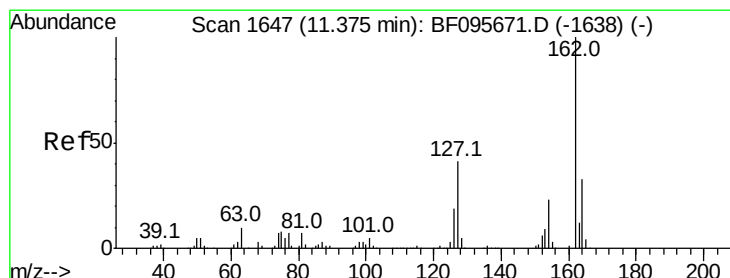
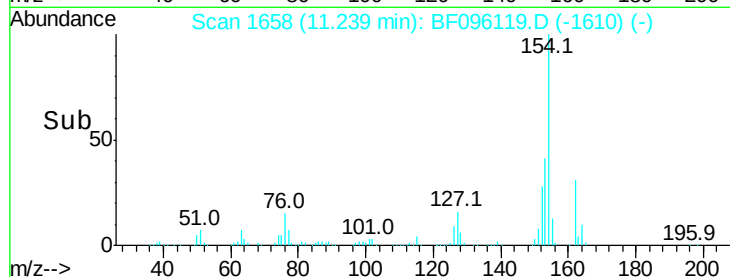
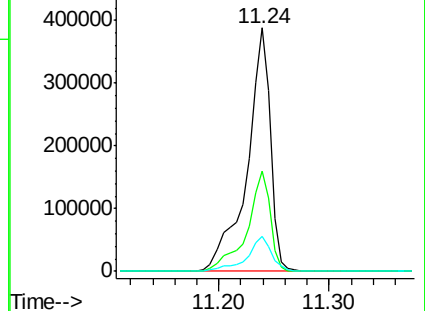
76 14.5 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.63 ng

RT: 11.25 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

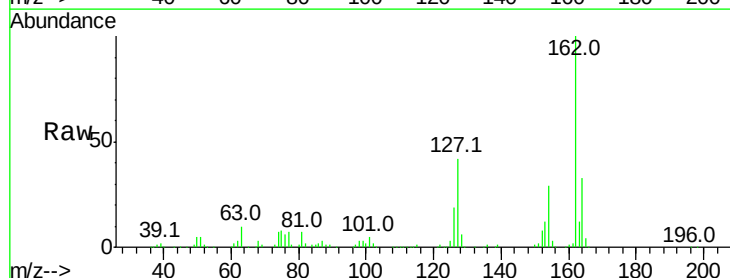
Tgt Ion:162 Resp: 442093

Ion Ratio Lower Upper

162 100

127 42.1 28.3 42.5

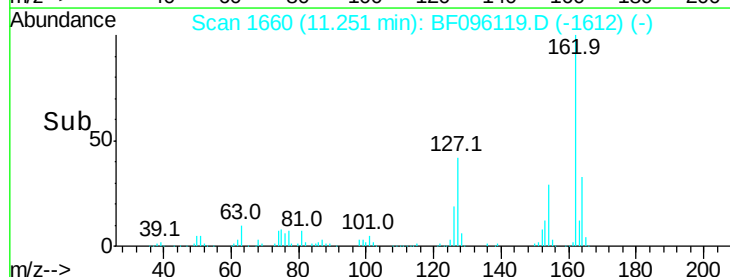
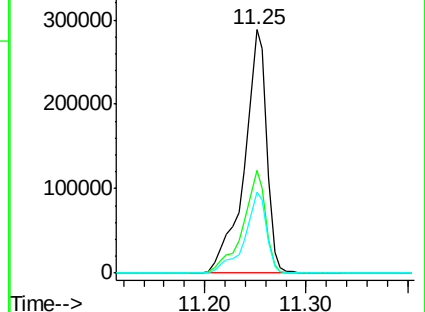
164 33.3 27.0 40.4

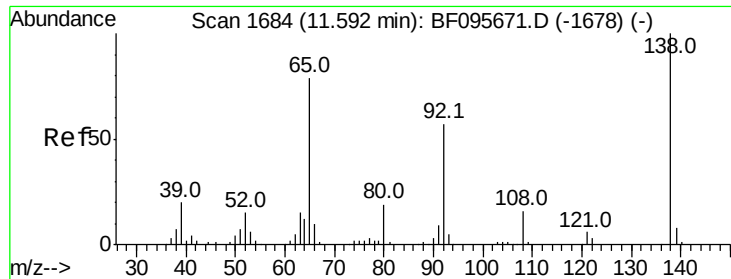


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

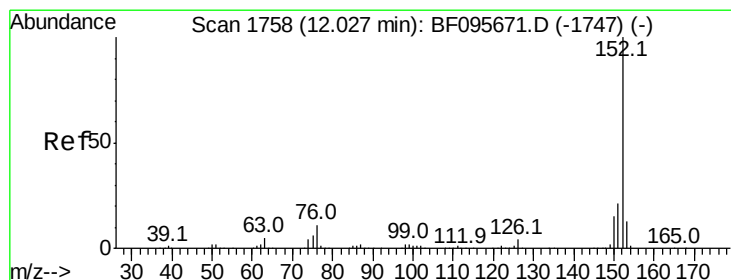
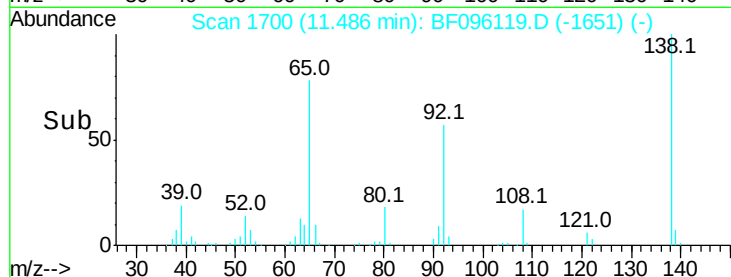
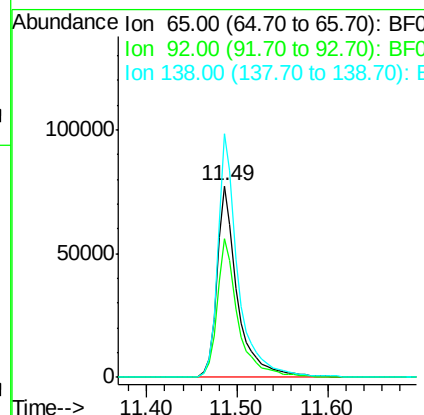
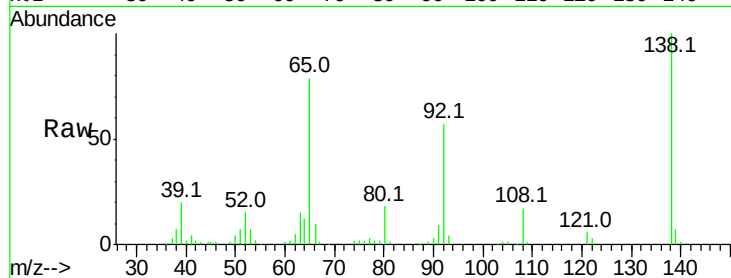




#47
2-Nitroaniline
Concen: 40.92 ng
RT: 11.49 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

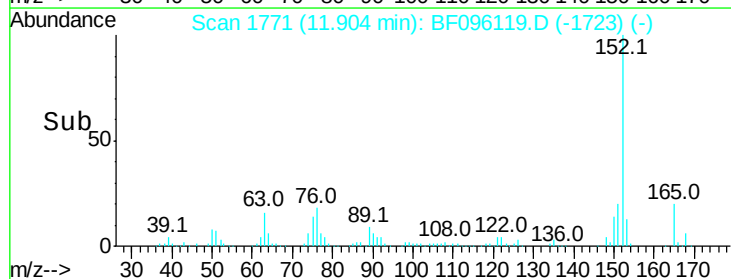
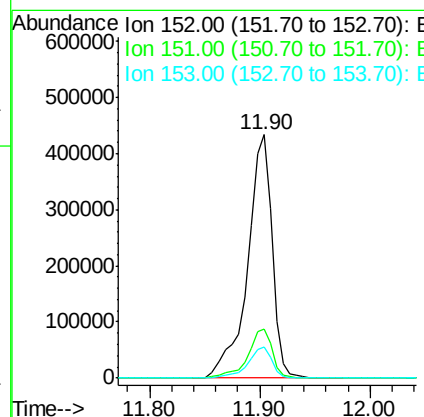
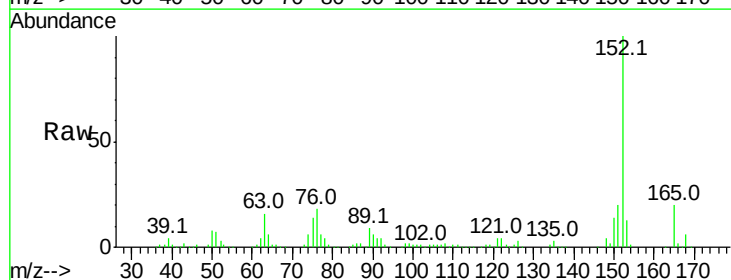
Instrument :
BNA_F
ClientSampled :

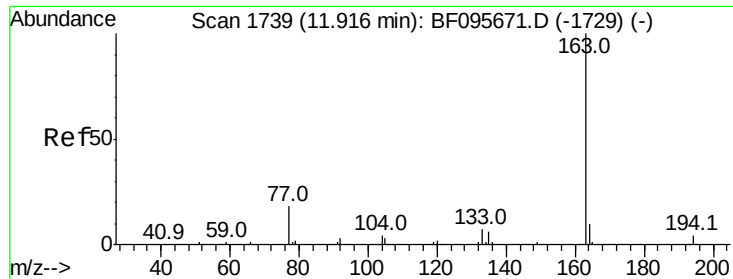
Tot Ion: 65 Resp: 121335
Ion Ratio Lower Upper
65 100
92 72.7 53.9 80.9
138 127.1 78.8 118.2#



#48
Acenaphthylene
Concen: 39.39 ng
RT: 11.90 min Scan# 1771
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion:152 Resp: 682464
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 40.78 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096119.D

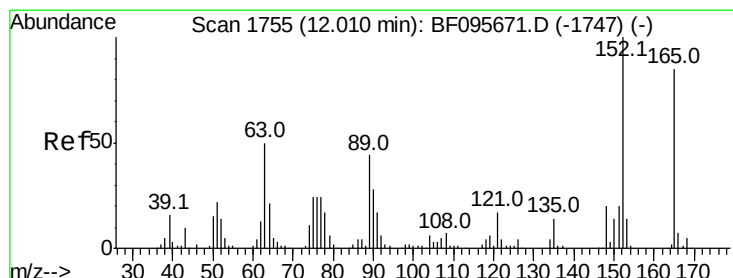
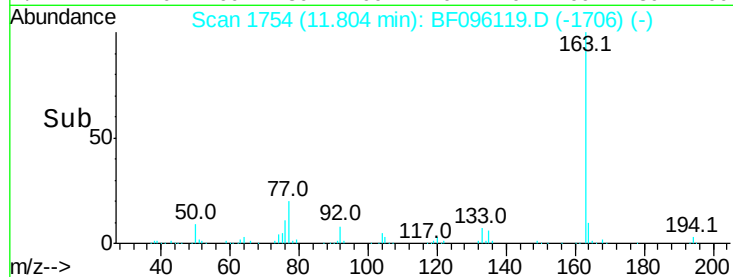
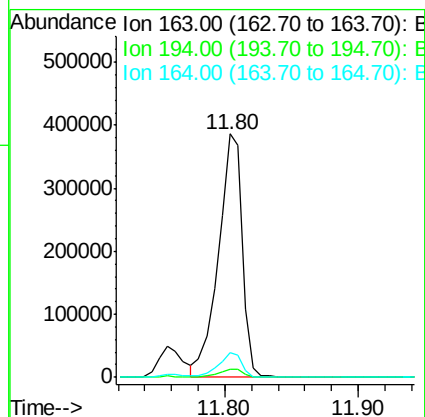
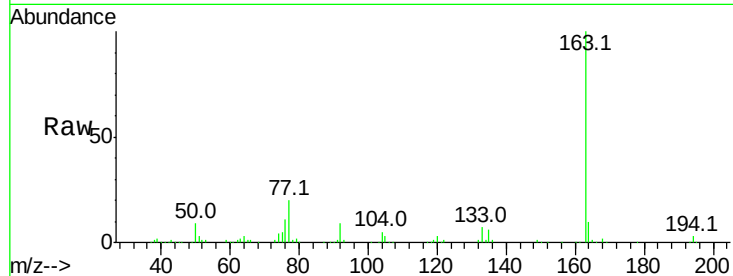
Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:163	Resp:	487127
Ion Ratio	Lower	Upper
163	100	
194	3.1	2.6 4.0
164	10.4	8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 43.33 ng

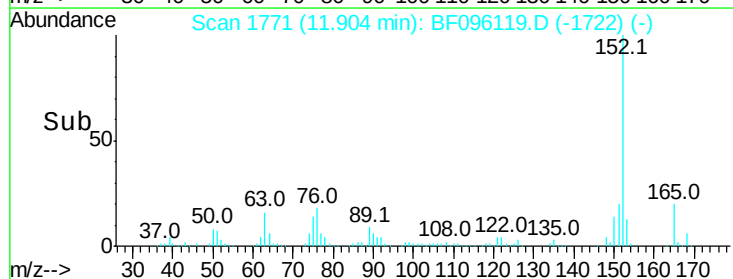
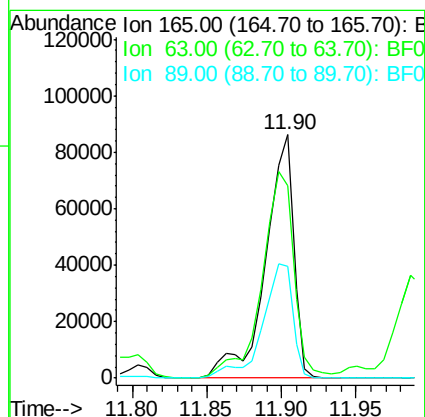
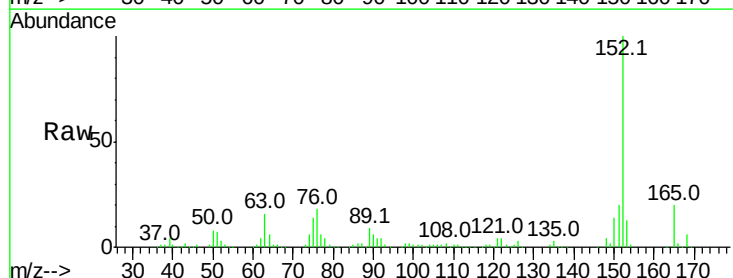
RT: 11.90 min Scan# 1771

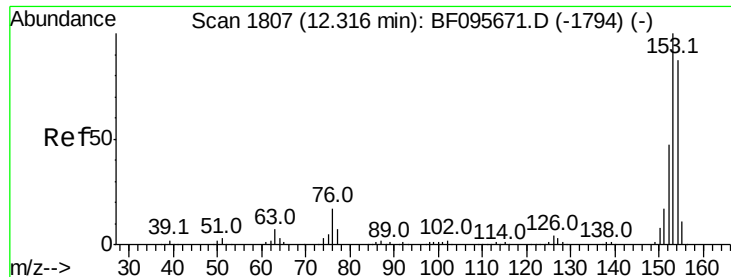
Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion:165	Resp:	112889
Ion Ratio	Lower	Upper
165	100	
63	79.0	34.3 51.5#
89	45.7	37.1 55.7





#51

Acenaphthene

Concen: 43.32 ng

RT: 12.19 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampleId :

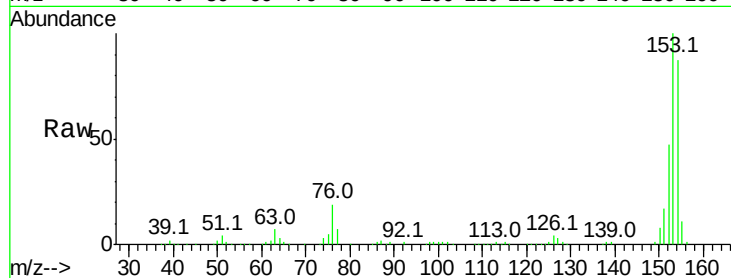
Tot Ion:154 Resp: 433435

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

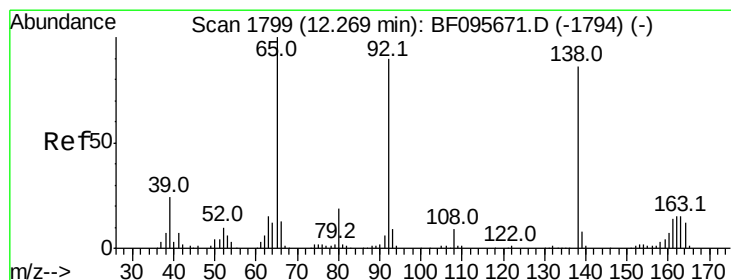
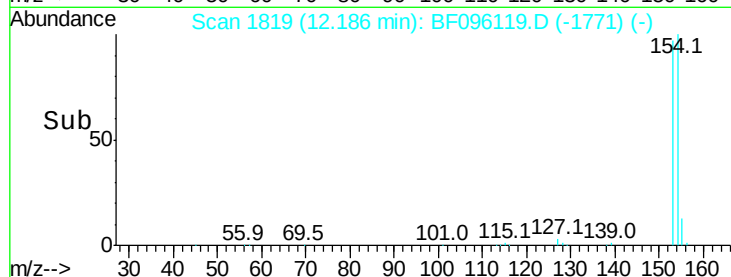
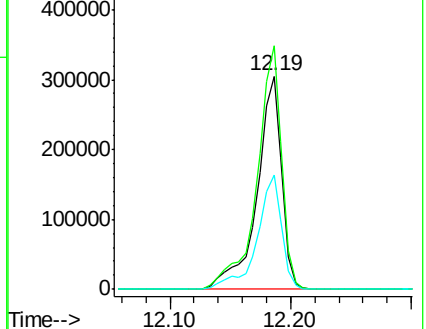
152 53.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.22 ng

RT: 12.20 min Scan# 1822

Delta R.T. 0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

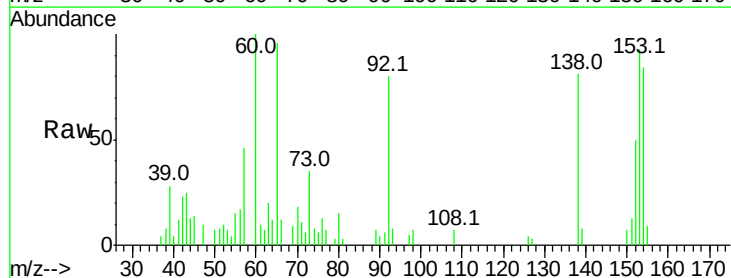
Tgt Ion:138 Resp: 21921

Ion Ratio Lower Upper

138 100

108 9.1 9.1 13.7#

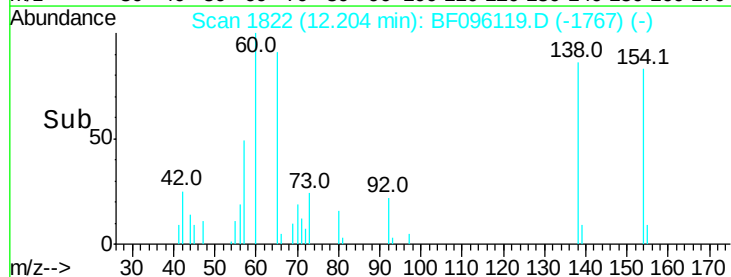
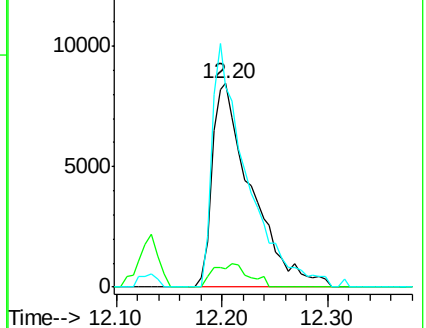
92 98.2 93.8 140.6

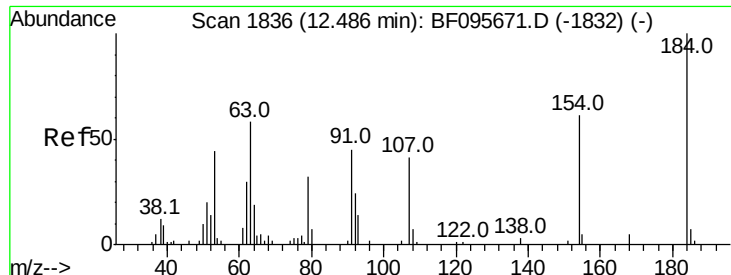


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

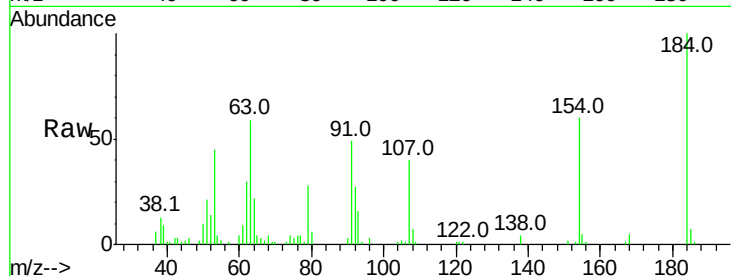




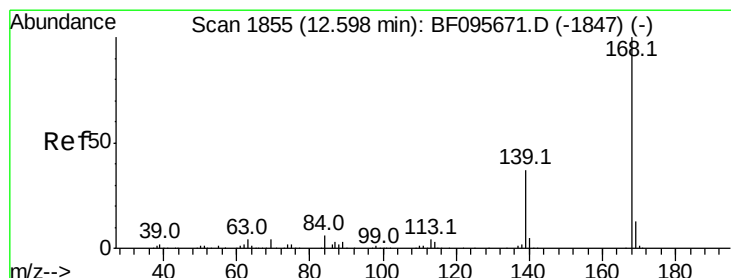
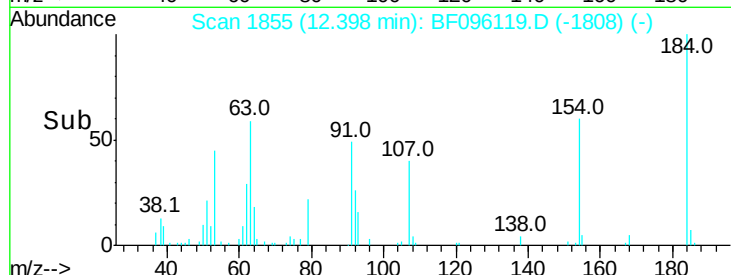
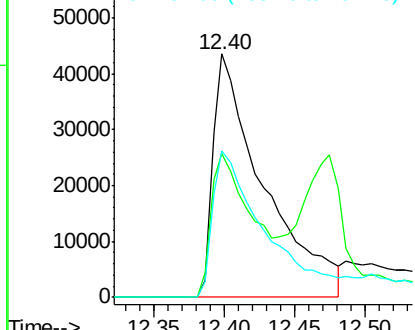
#53
 2,4-Dinitrophenol
 Concen: 74.06 ng
 RT: 12.40 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 108492
 Ion Ratio Lower Upper
 184 100
 63 59.0 62.7 94.1#
 154 60.2 81.1 121.7#

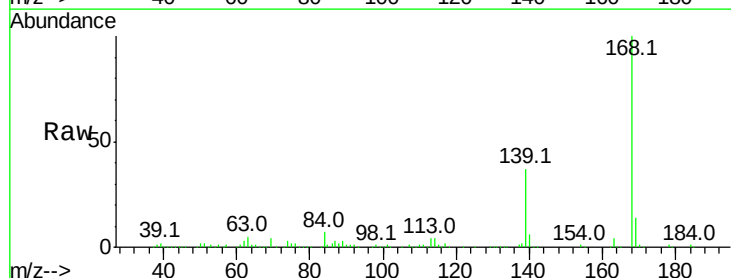


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

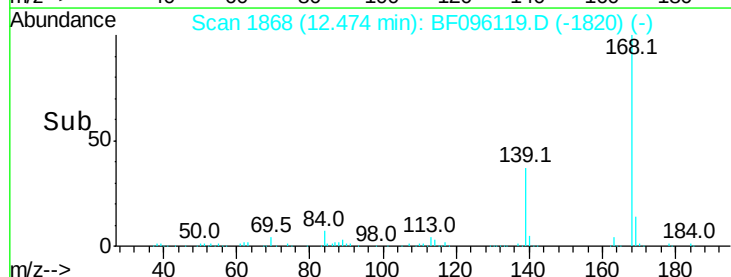
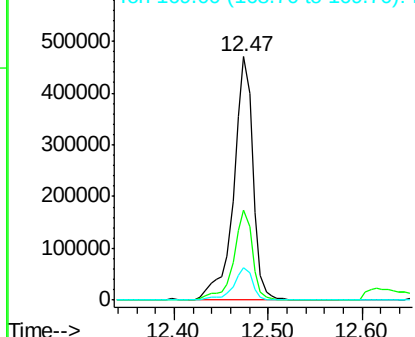


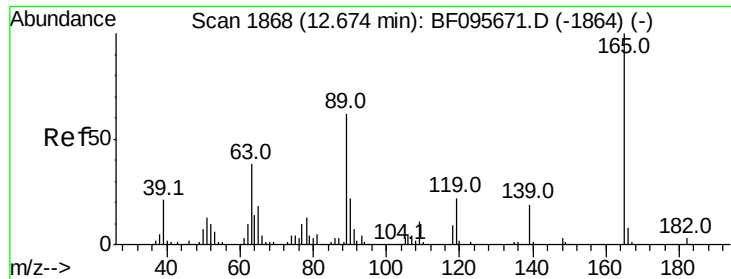
#54
 Dibenzofuran
 Concen: 47.31 ng
 RT: 12.47 min Scan# 1868
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion:168 Resp: 666274
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.6 45.8
 169 13.5 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

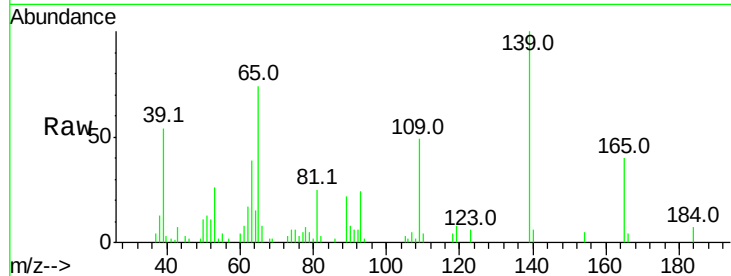




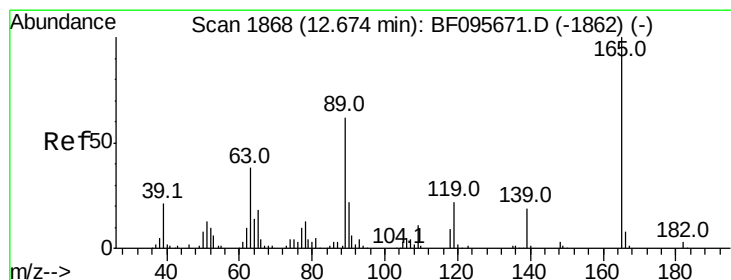
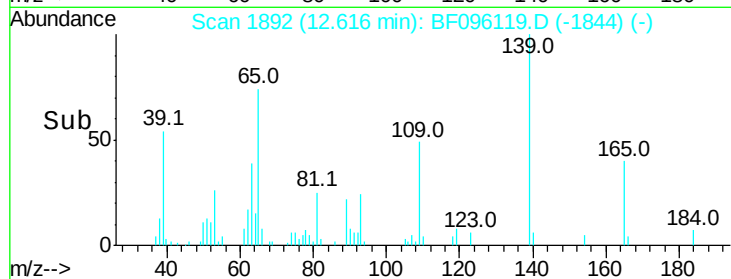
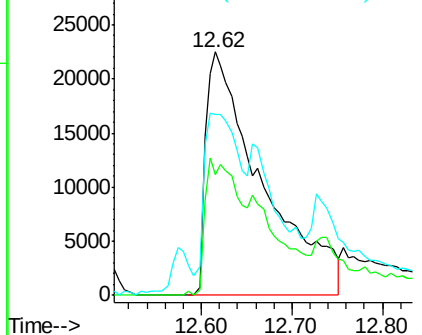
#55
4-Nitrophenol
Concen: 56.32 ng
RT: 12.62 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 97256
Ion Ratio Lower Upper
139 100
109 49.4 34.1 74.1
65 74.1 31.4 71.4#

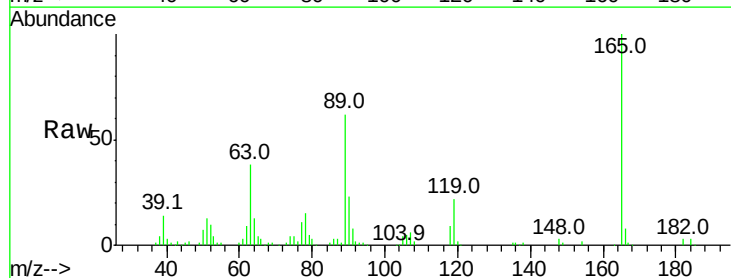


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

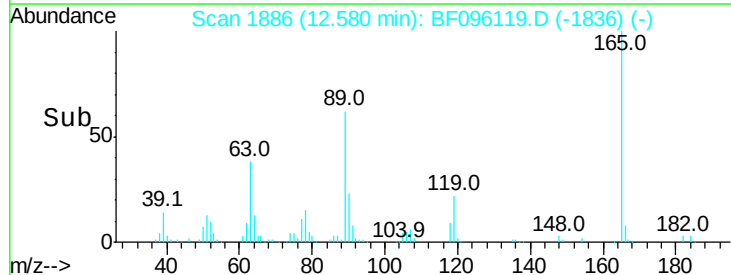
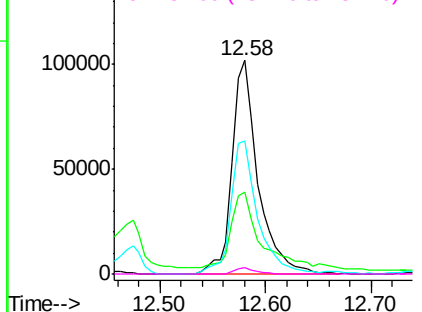


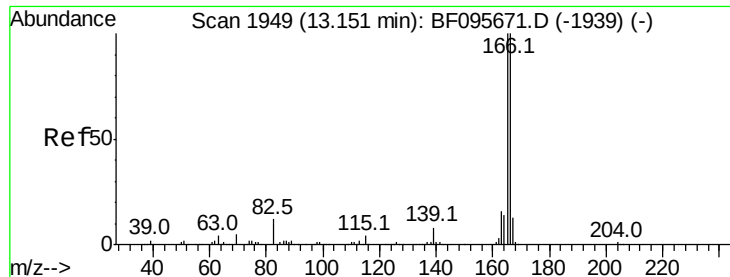
#56
2,4-Dinitrotoluene
Concen: 49.03 ng
RT: 12.58 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion:165 Resp: 172550
Ion Ratio Lower Upper
165 100
63 38.4 25.4 38.0#
89 62.1 46.4 69.6
182 2.8 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

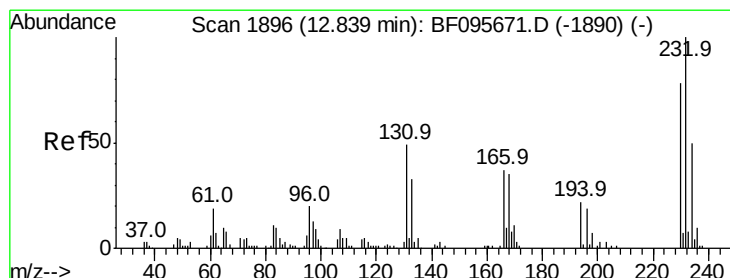
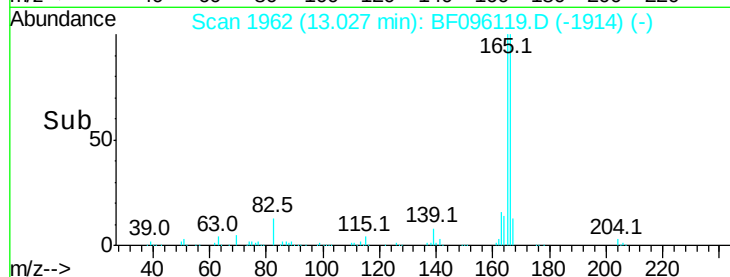
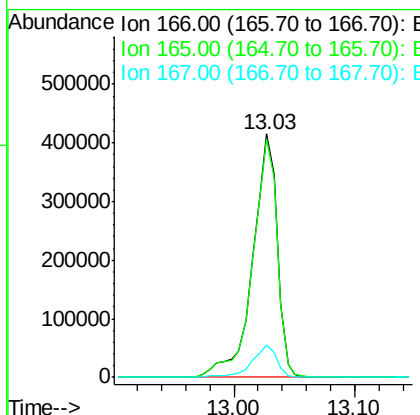
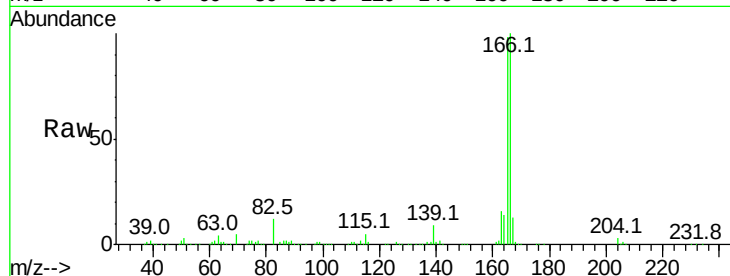




#57
 Fluorene
 Concen: 48.11 ng
 RT: 13.03 min Scan# 1962
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

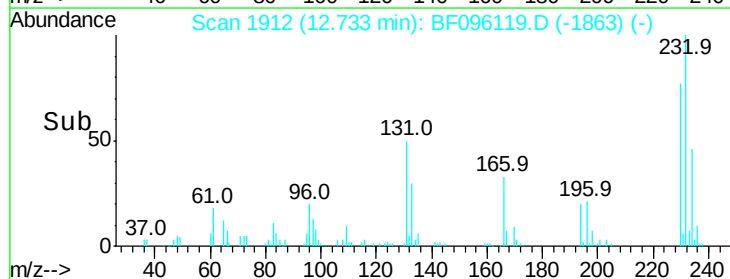
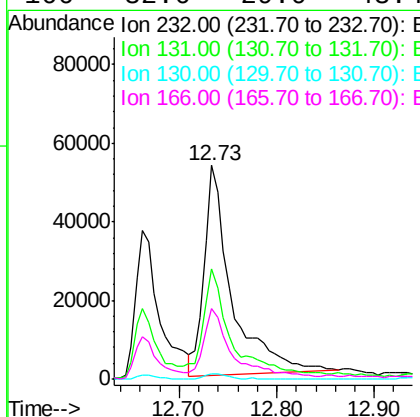
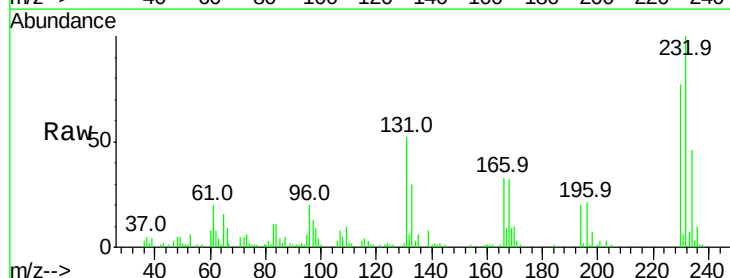
Instrument :
 BNA_F
 ClientSampleId :

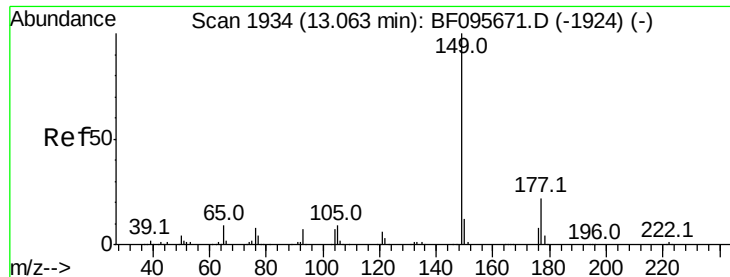
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.8	118.2
167	13.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.82 ng
 RT: 12.73 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.0	44.8	67.2
130	2.0	2.3	3.5
166	32.6	29.0	43.4

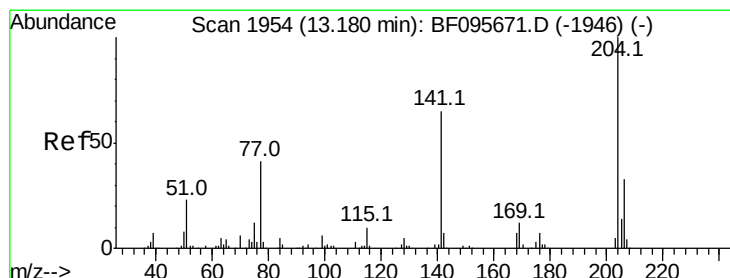
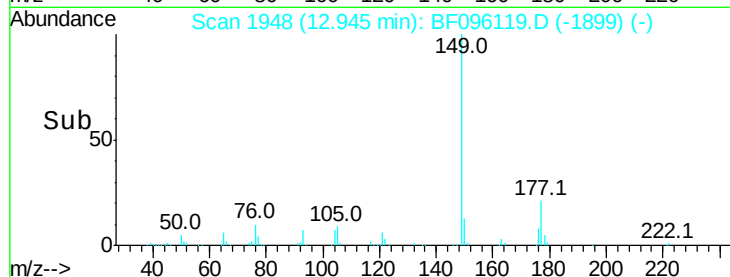
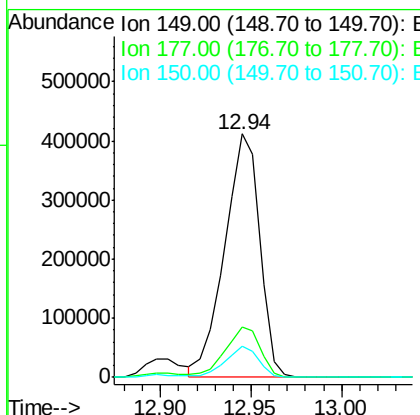
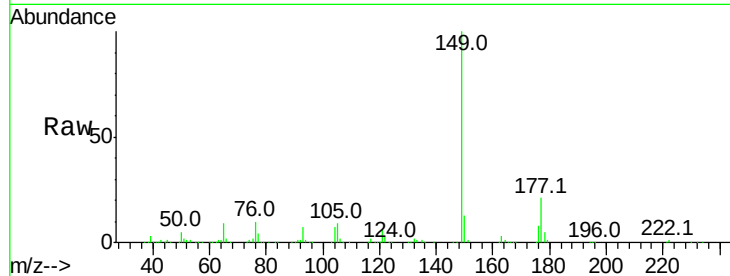




#59
Diethylphthalate
Concen: 48.01 ng
RT: 12.94 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

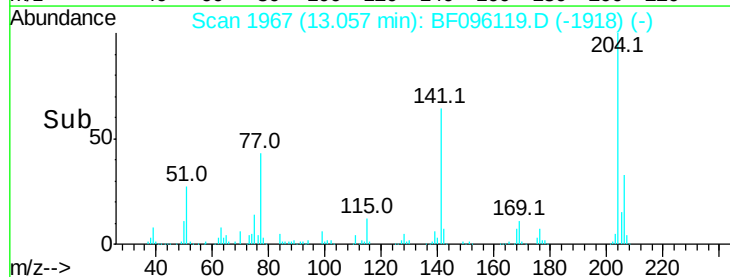
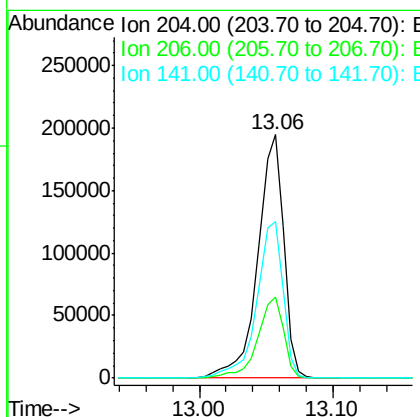
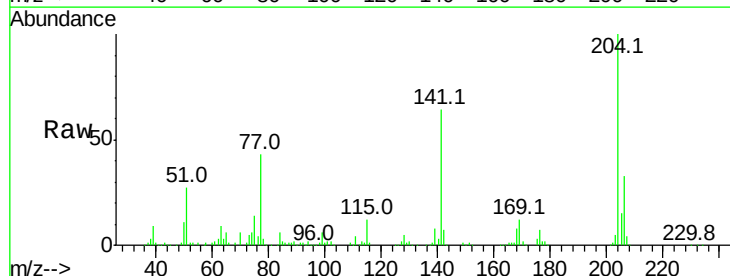
Instrument :
BNA_F
ClientSampled :

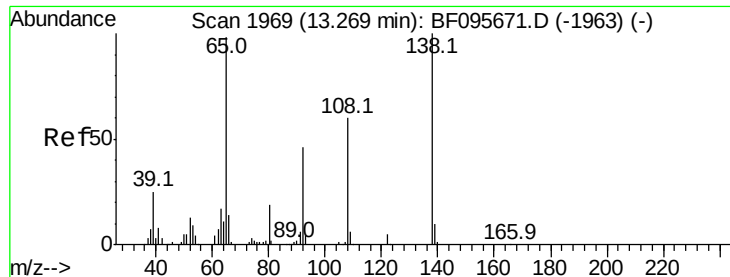
Tot Ion:149 Resp: 551952
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 49.06 ng
RT: 13.06 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion:204 Resp: 261479
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 64.3 60.8 91.2

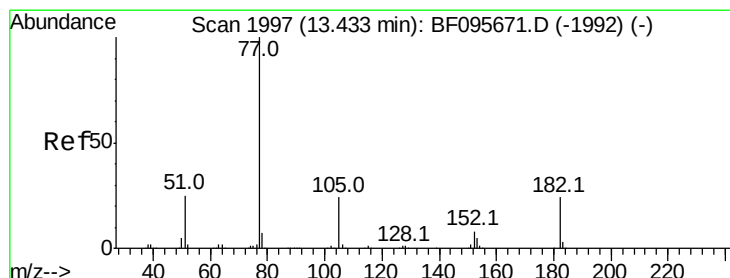
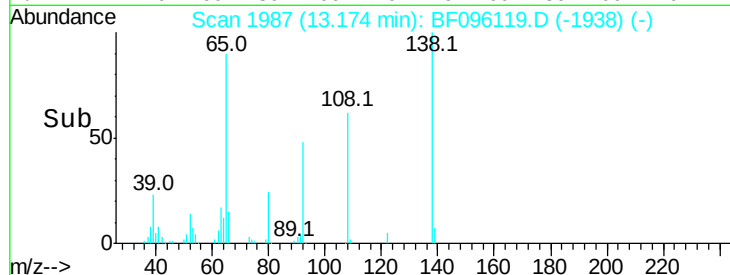
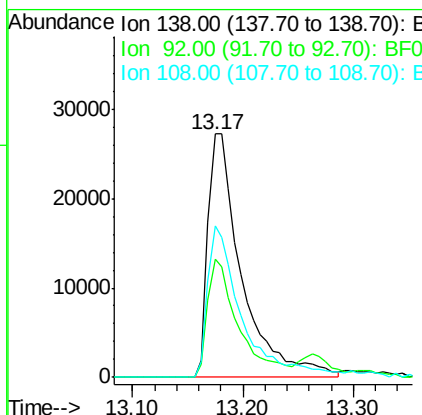
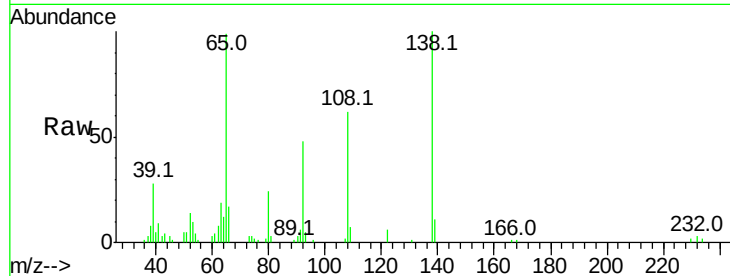




#61
4-Nitroaniline
Concen: 20.22 ng
RT: 13.17 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

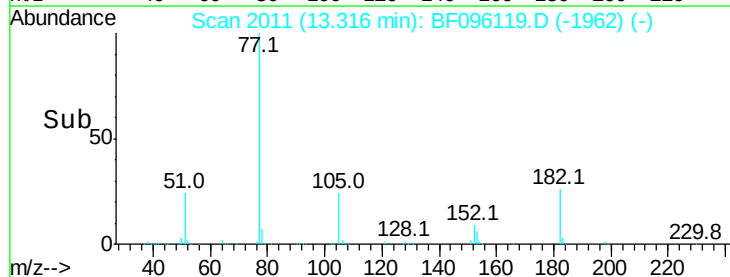
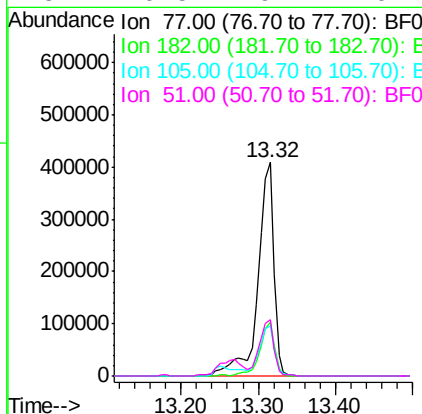
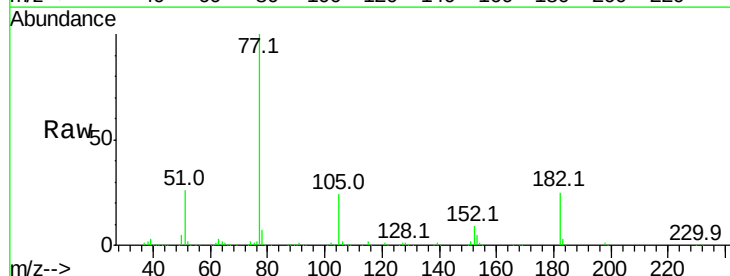
Instrument :
BNA_F
ClientSampleId :

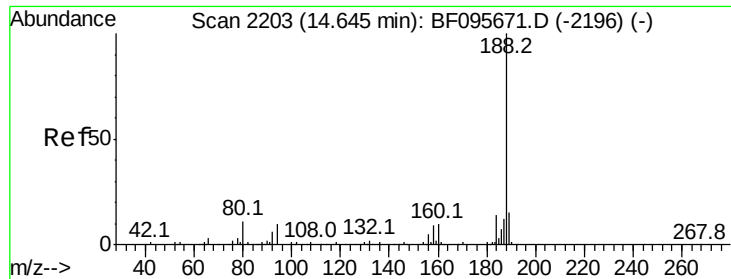
Tot Ion:138 Resp: 57320
Ion Ratio Lower Upper
138 100
92 48.4 21.8 61.8
108 62.1 42.3 82.3



#62
Azobenzene
Concen: 57.77 ng
RT: 13.32 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion: 77 Resp: 601952
Ion Ratio Lower Upper
77 100
182 25.5 0.1 40.1
105 23.7 3.6 43.6
51 26.5 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.53 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampleId :

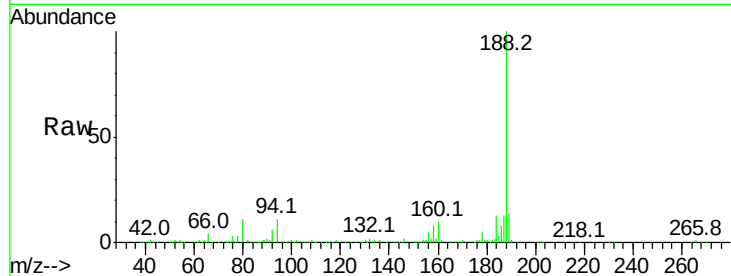
Tot Ion:188 Resp: 323194

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

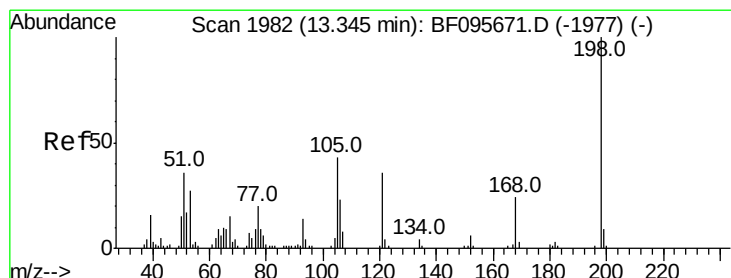
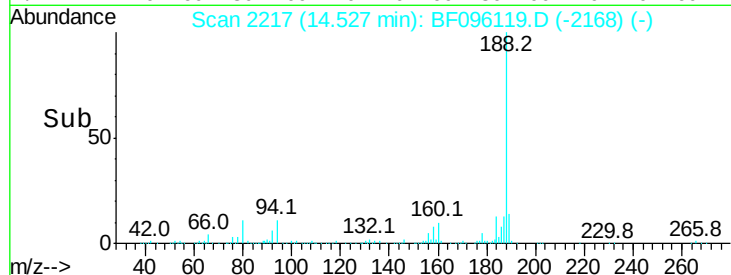
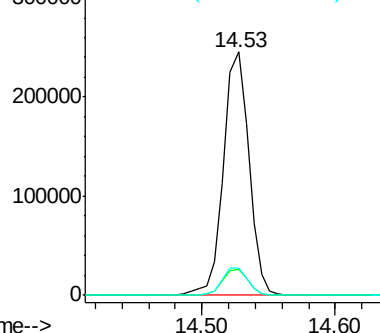
80 11.3 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.24 ng

RT: 13.25 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

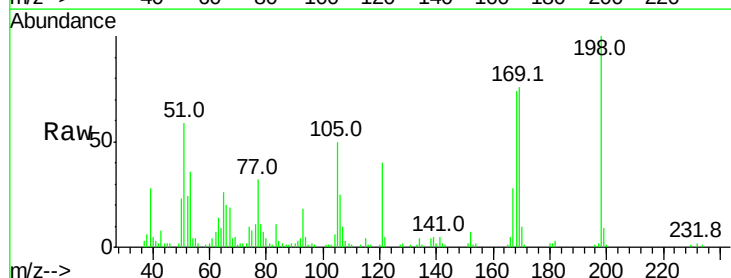
Tgt Ion:198 Resp: 91851

Ion Ratio Lower Upper

198 100

51 59.1 53.2 93.2

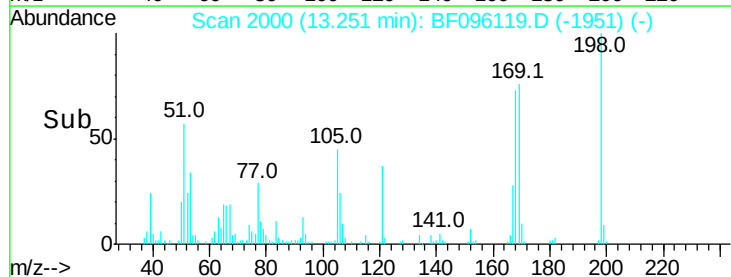
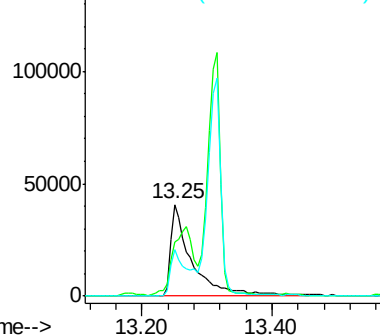
105 50.5 45.8 85.8

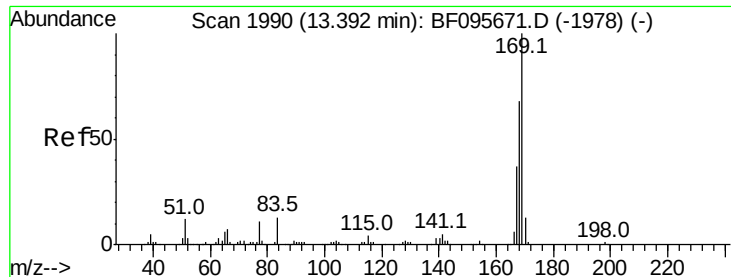


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

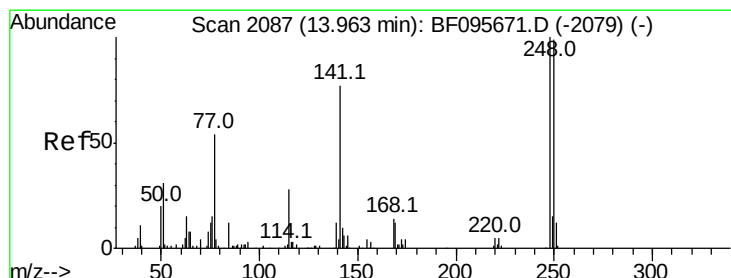
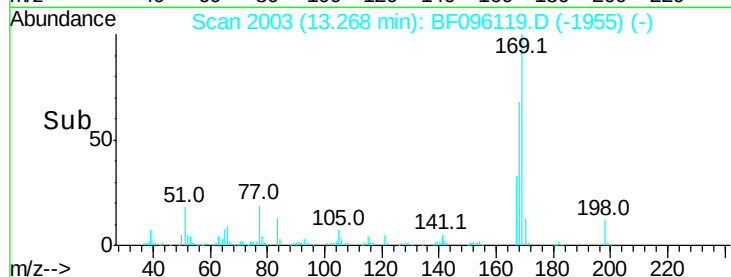
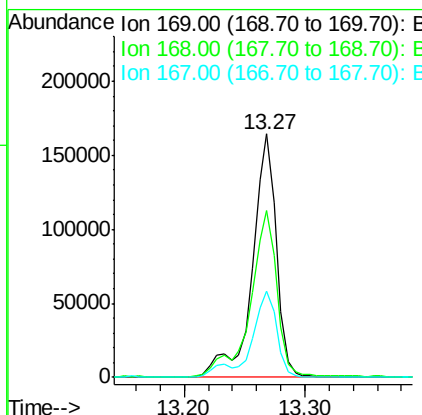
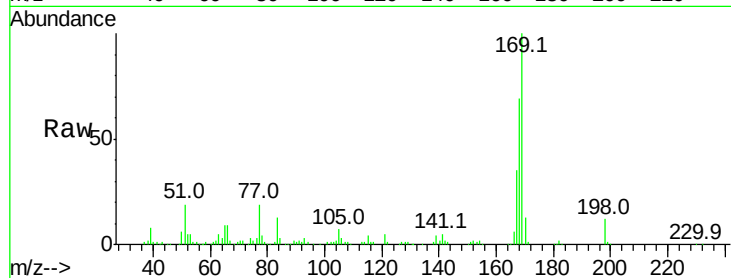




#65
 n-Nitrosodiphenylamine
 Concen: 19.72 ng
 RT: 13.27 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

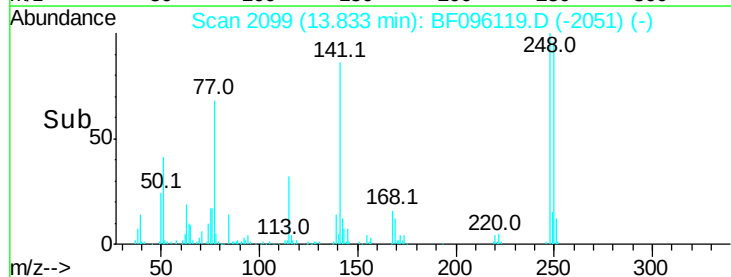
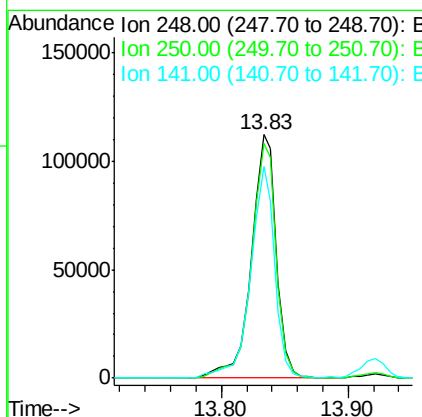
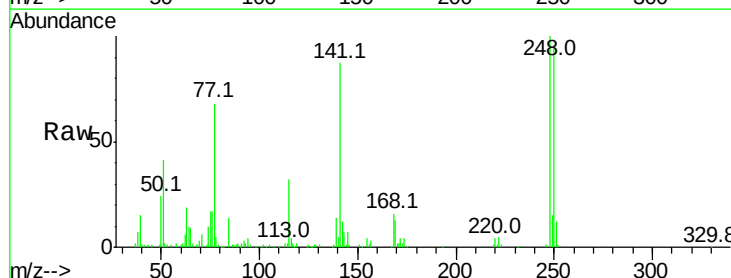
Instrument :
 BNA_F
 ClientSampleId :

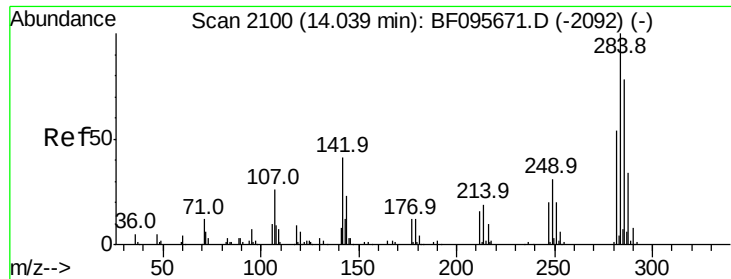
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.6	53.2	79.8
167	35.3	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 46.18 ng
 RT: 13.83 min Scan# 2099
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.8	115.2
141	87.0	68.6	103.0

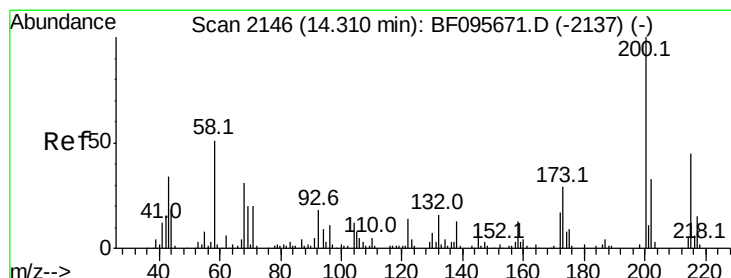
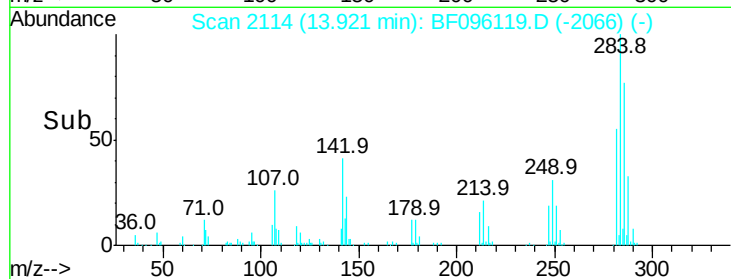
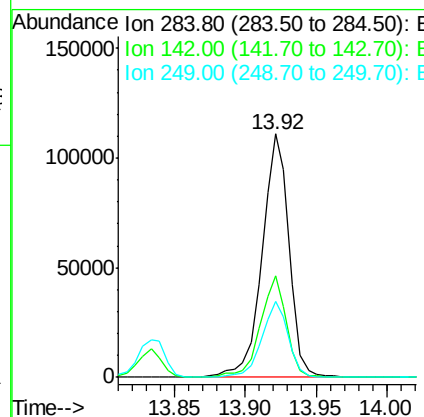
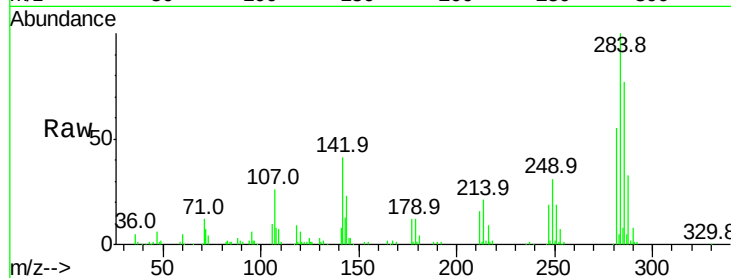




#67
Hexachlorobenzene
Concen: 44.88 ng
RT: 13.92 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

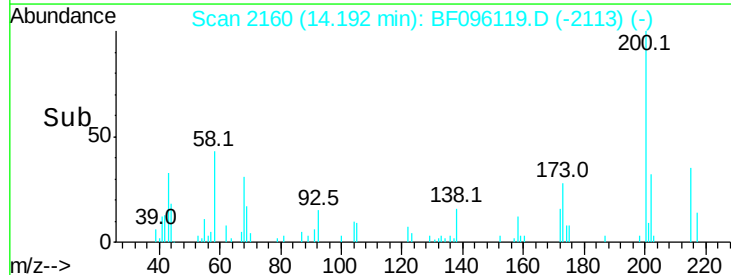
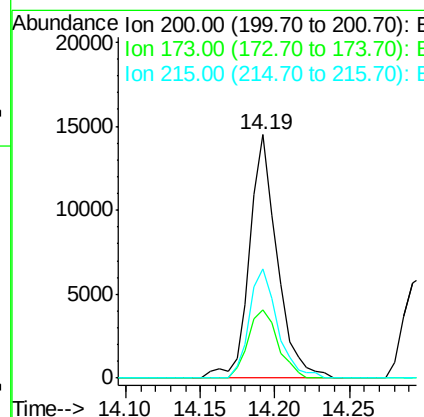
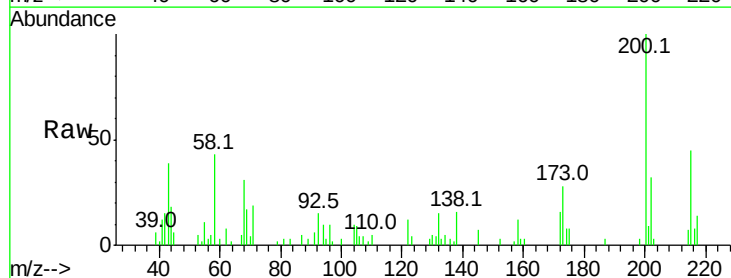
Instrument :
BNA_F
ClientSampled :

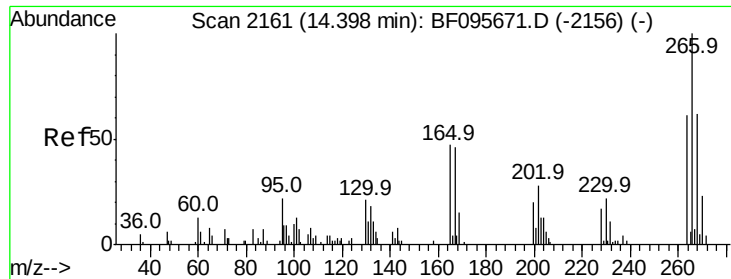
Tot Ion	Ratio	Lower	Upper
284	100		
142	41.5	22.8	34.2#
249	31.4	24.0	36.0



#68
Atrazine
Concen: 5.74 ng
RT: 14.19 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.3	46.3
215	44.7	27.2	67.2

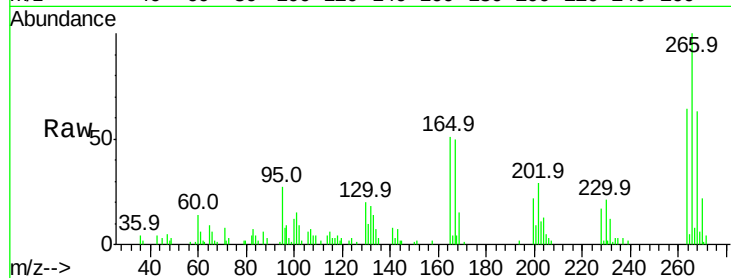




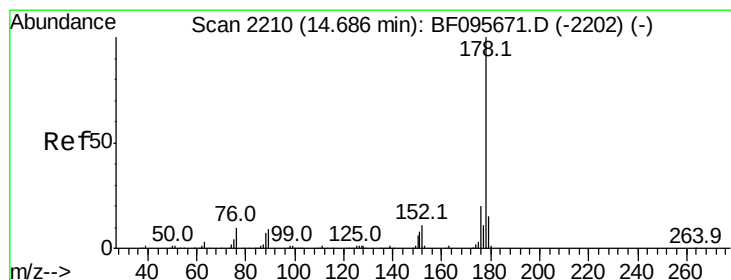
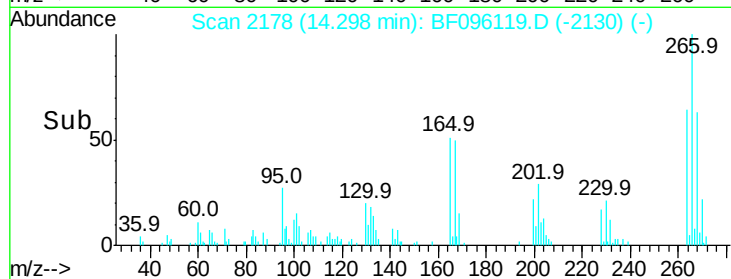
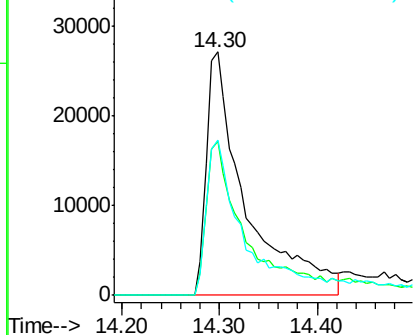
#69
 Pentachlorophenol
 Concen: 62.67 ng
 RT: 14.30 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 76692
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 63.9 51.7 77.5

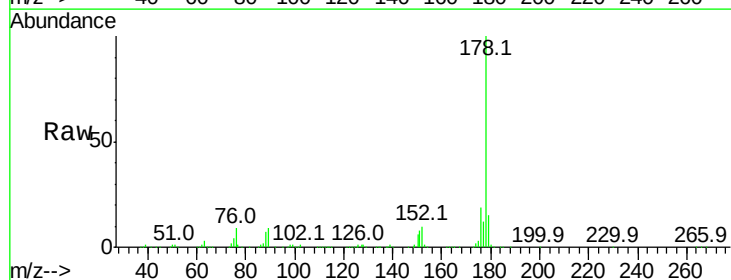


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

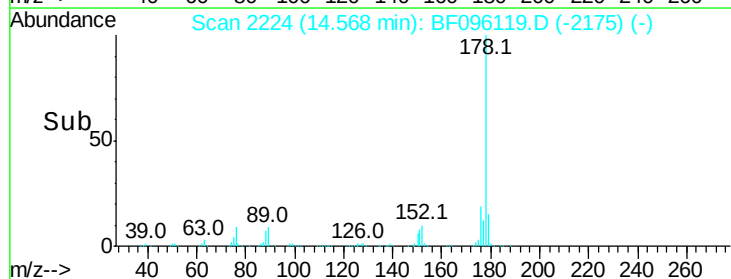
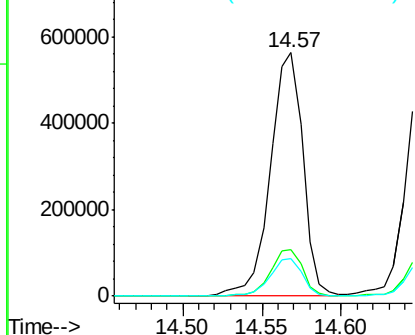


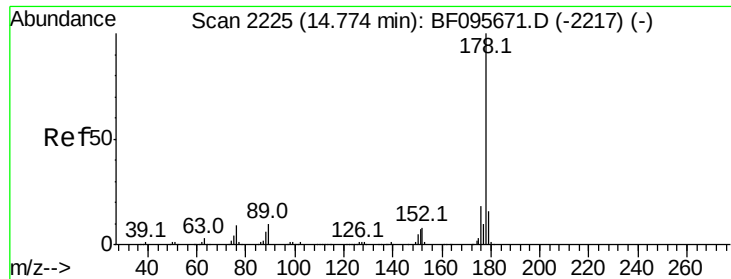
#70
 Phenanthrene
 Concen: 43.22 ng
 RT: 14.57 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion:178 Resp: 805887
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.5 12.6 19.0



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

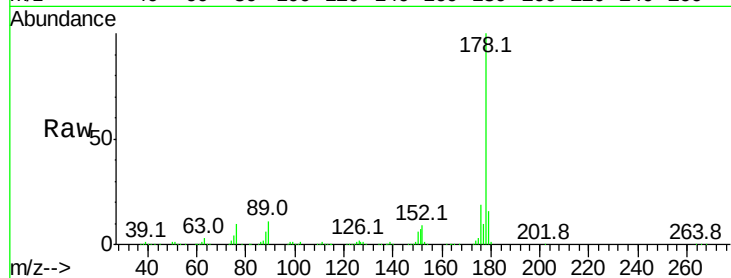




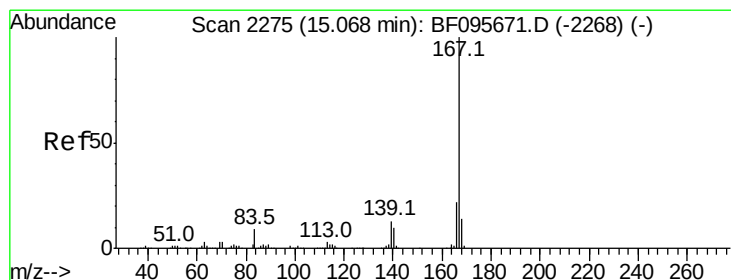
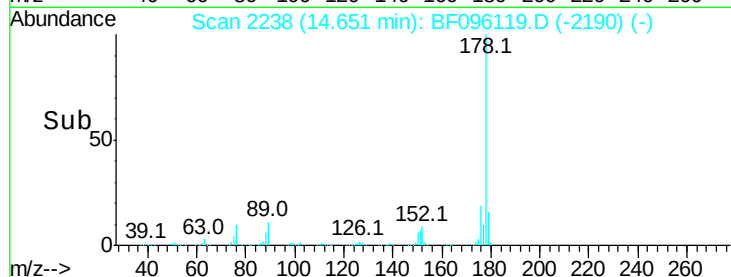
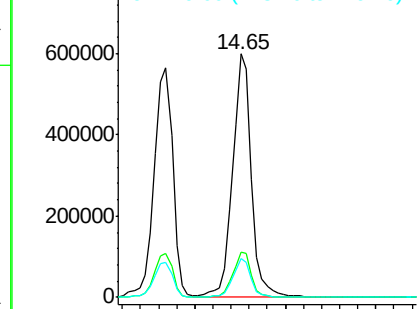
#71
 Anthracene
 Concen: 44.26 ng
 RT: 14.65 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 861641
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.9 12.7 19.1

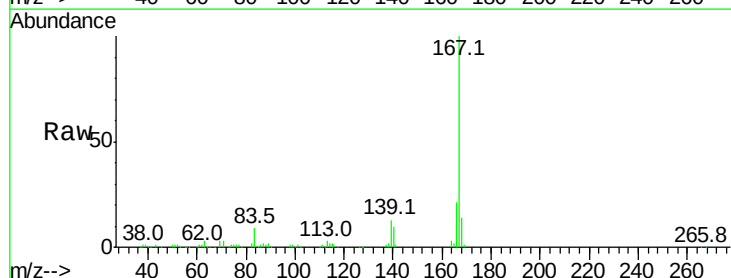


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

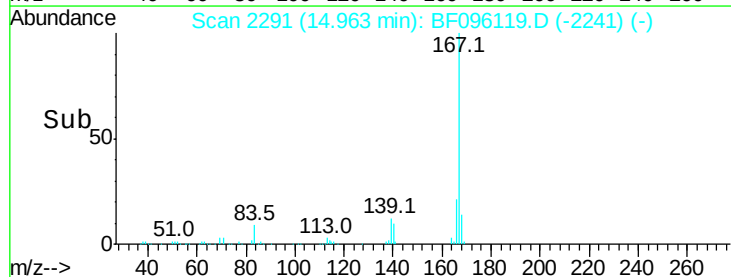
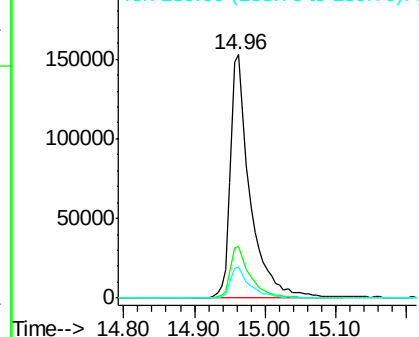


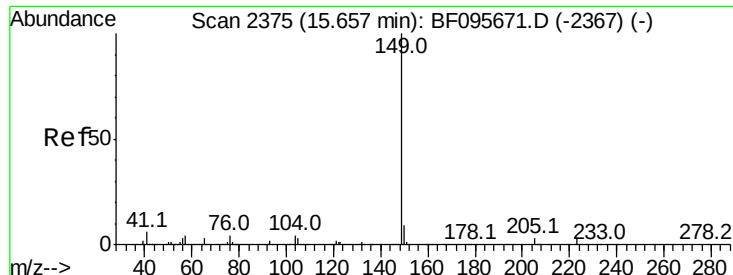
#72
 Carbazole
 Concen: 15.68 ng
 RT: 14.96 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion:167 Resp: 297532
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.1 27.1
 139 12.8 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.47 ng

RT: 15.55 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampleId :

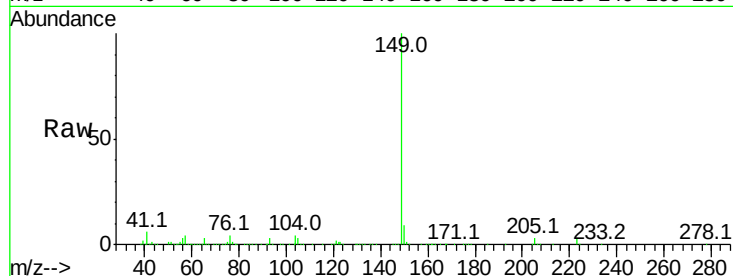
Tot Ion:149 Resp: 998545

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

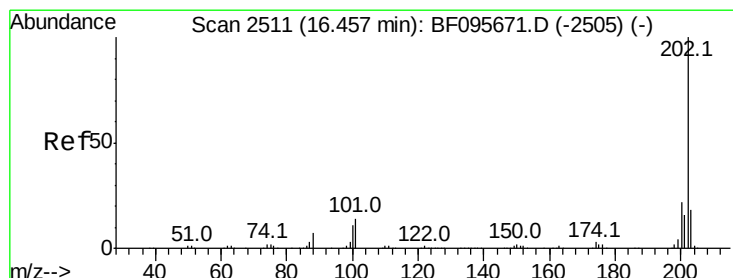
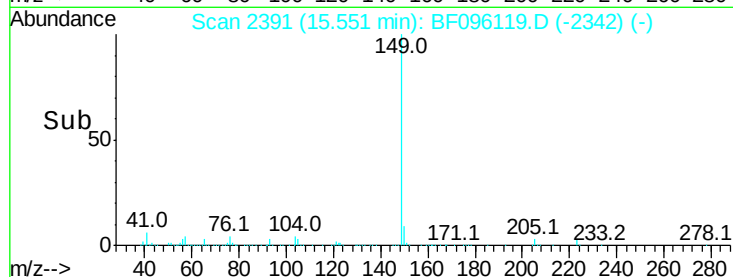
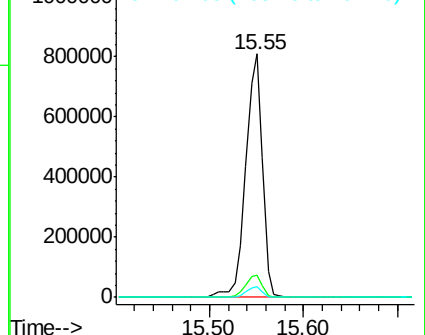
104 4.4 4.0 6.0



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: 44.96 ng

RT: 16.36 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

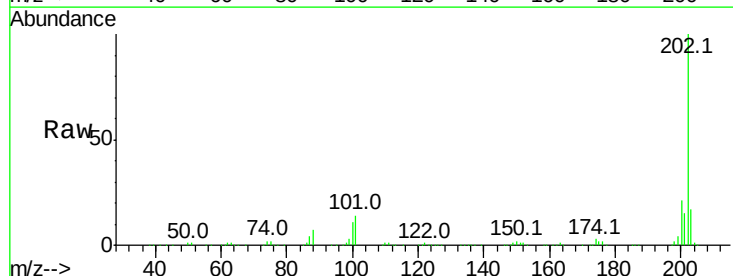
Tgt Ion:202 Resp: 829781

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

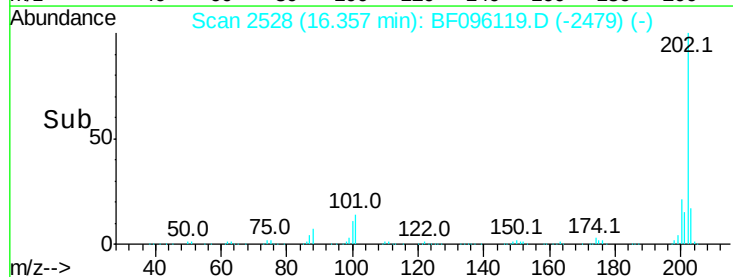
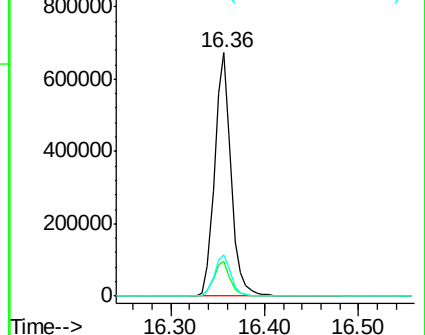
203 17.2 0.0 38.1

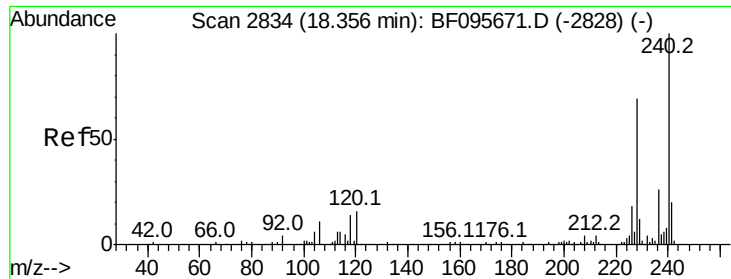


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.26 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampled :

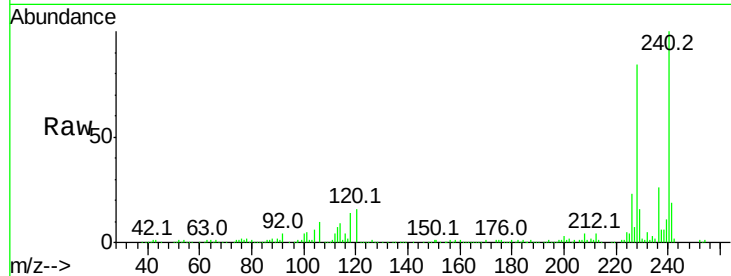
Tot Ion:240 Resp: 212988

Ion Ratio Lower Upper

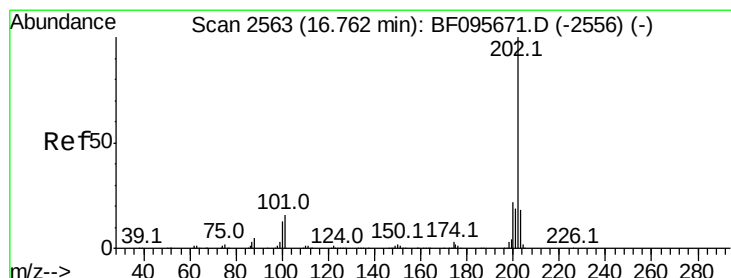
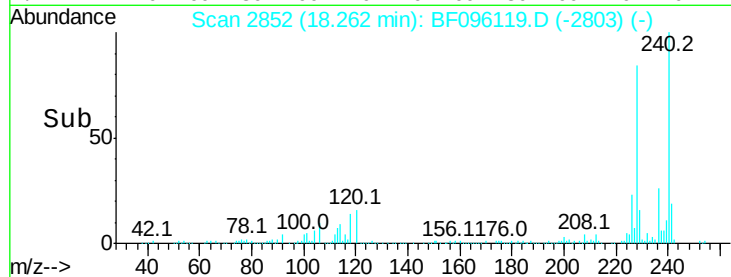
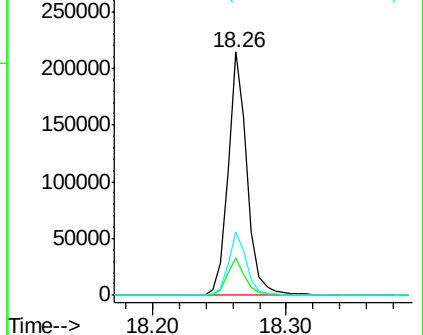
240 100

120 15.6 5.8 8.8#

236 25.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 51.20 ng

RT: 16.66 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

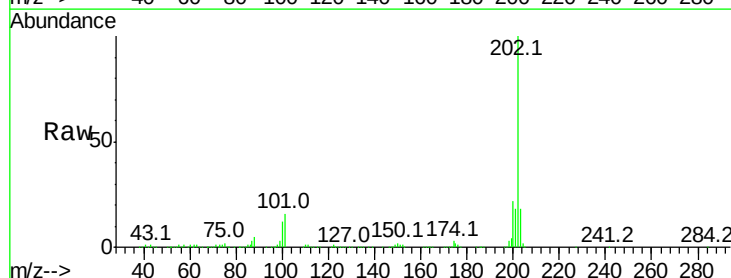
Tgt Ion:202 Resp: 813655

Ion Ratio Lower Upper

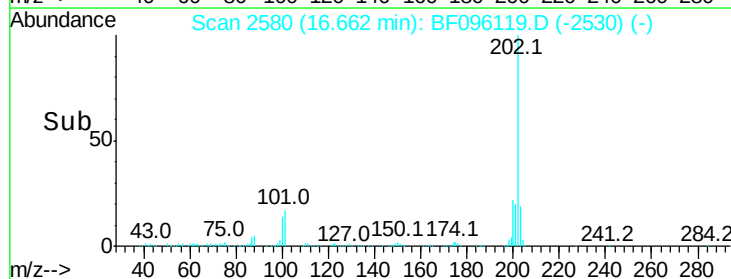
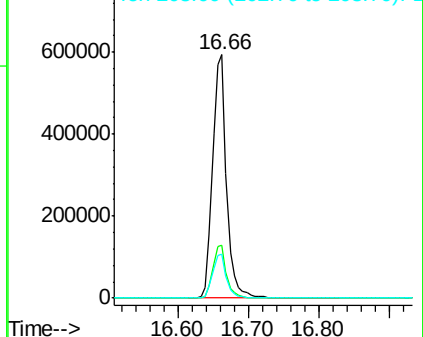
202 100

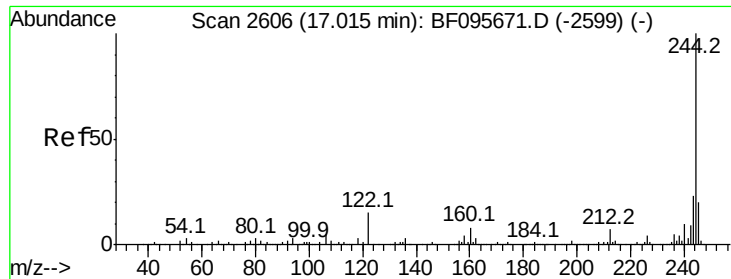
200 21.6 17.6 26.4

203 18.2 14.4 21.6



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

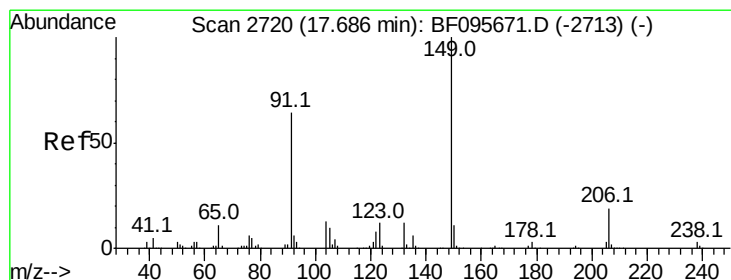
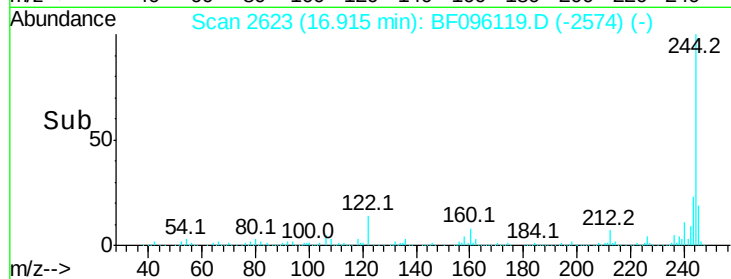
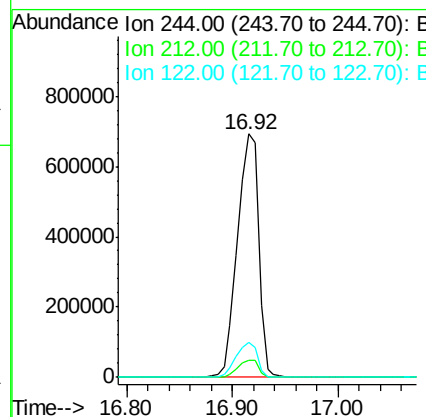
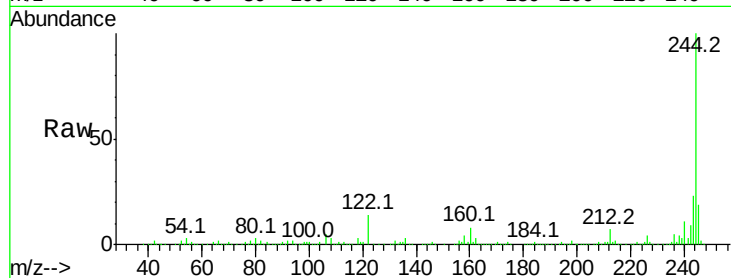




#78
 Terphenyl-d14
 Concen: 111.25 ng
 RT: 16.92 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

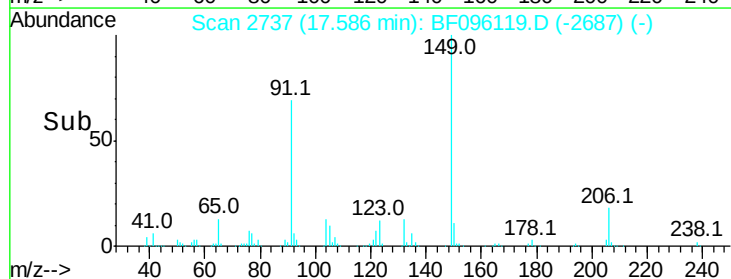
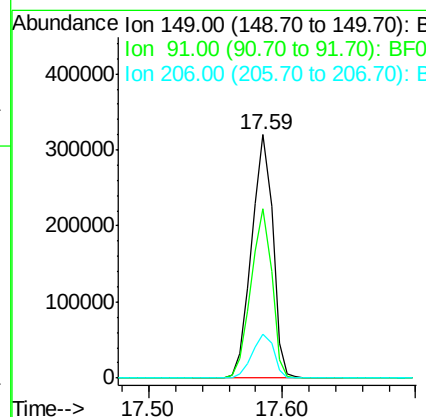
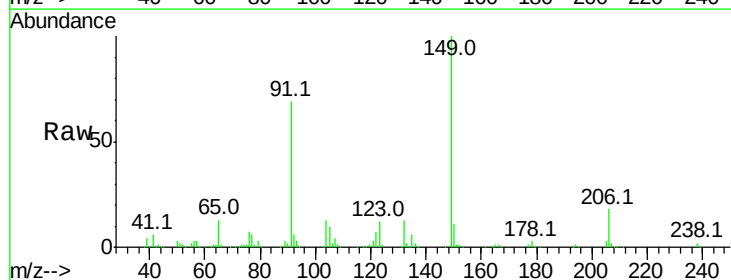
Instrument :
 BNA_F
 ClientSampleId :

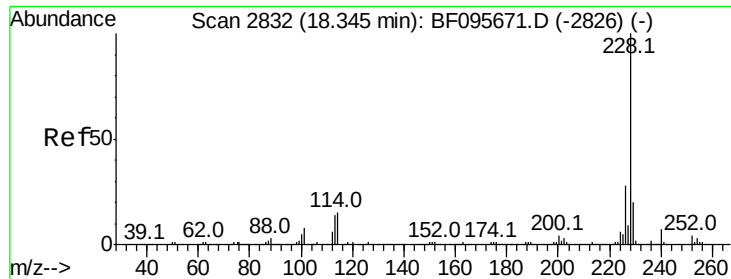
Tot Ion:244 Resp: 954813
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.5 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 50.34 ng
 RT: 17.59 min Scan# 2737
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion:149 Resp: 349398
 Ion Ratio Lower Upper
 149 100
 91 69.4 45.0 67.4#
 206 18.0 17.0 25.6

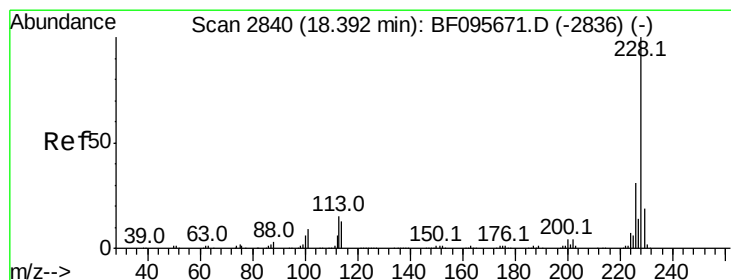
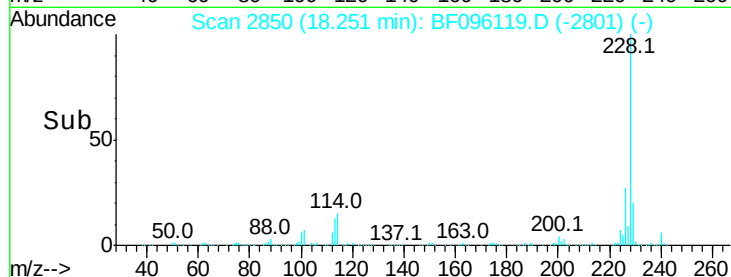
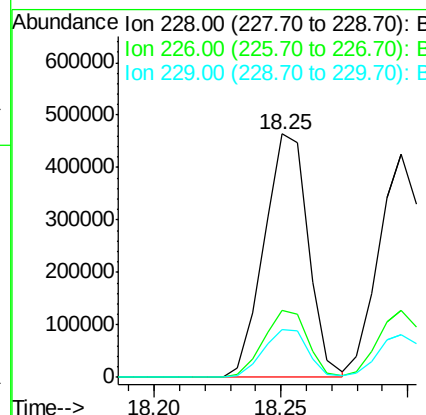
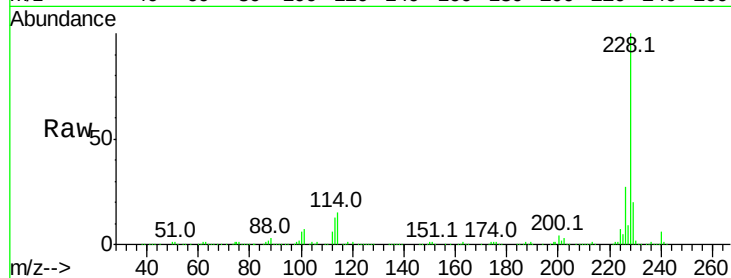




#80
Benzo(a)anthracene
Concen: 45.14 ng
RT: 18.25 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

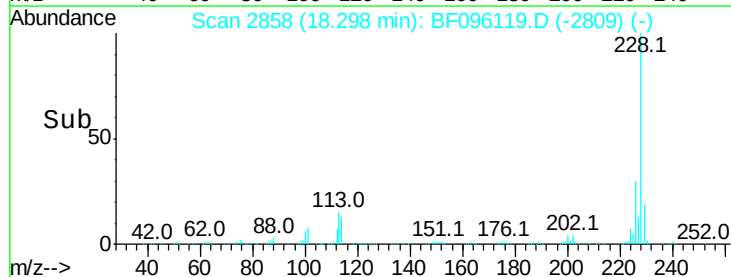
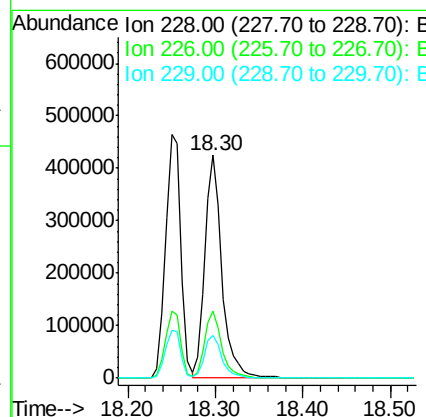
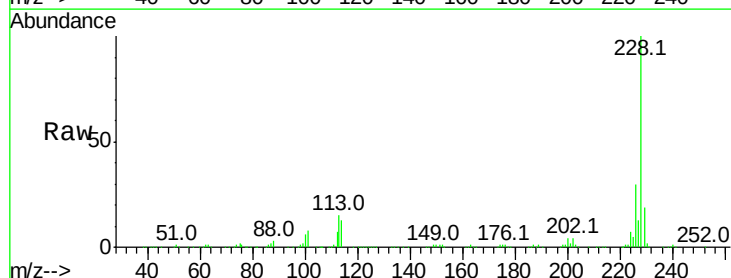
Instrument :
BNA_F
ClientSampleId :

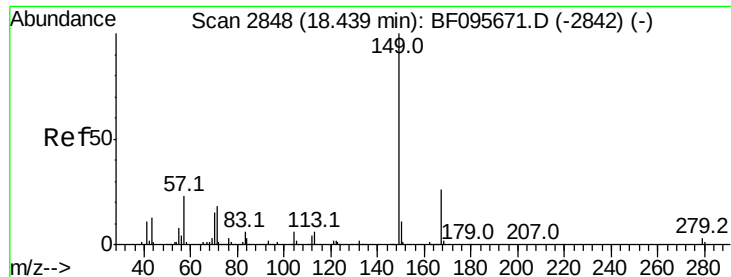
Tot Ion:228 Resp: 558953
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.8 16.3 24.5



#82
Chrysene
Concen: 46.72 ng
RT: 18.30 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion:228 Resp: 578186
Ion Ratio Lower Upper
228 100
226 30.3 24.9 37.3
229 19.3 15.8 23.6

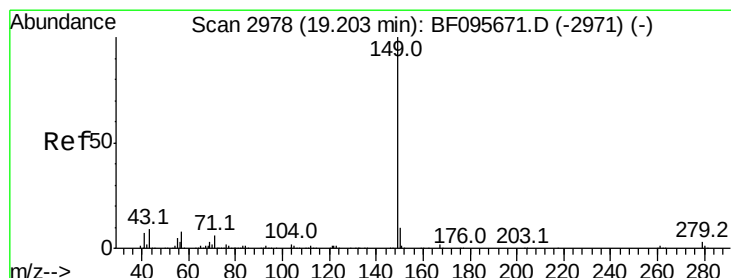
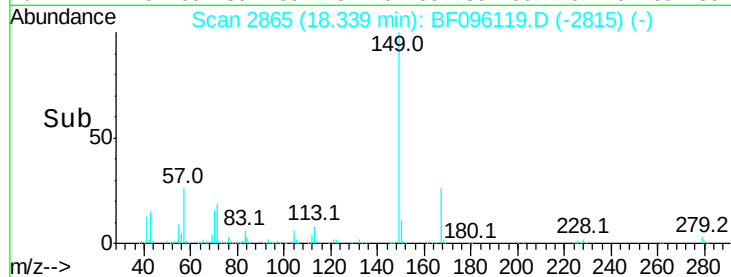
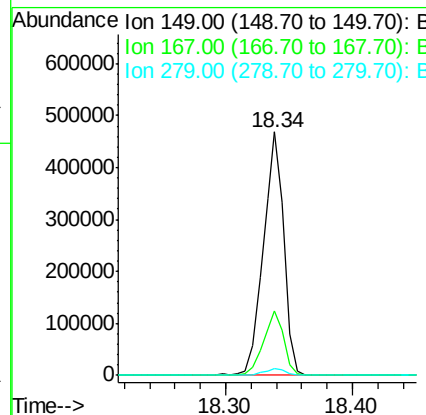
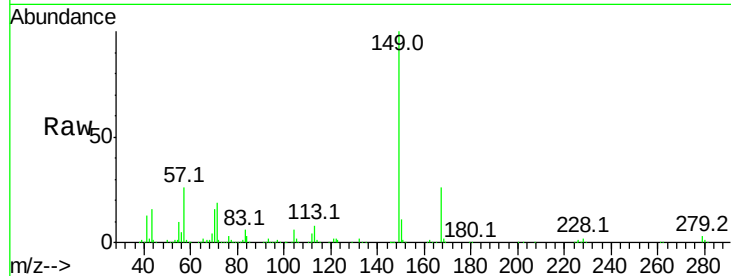




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.09 ng
 RT: 18.34 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

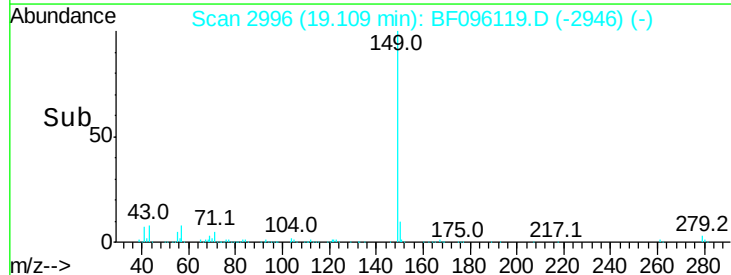
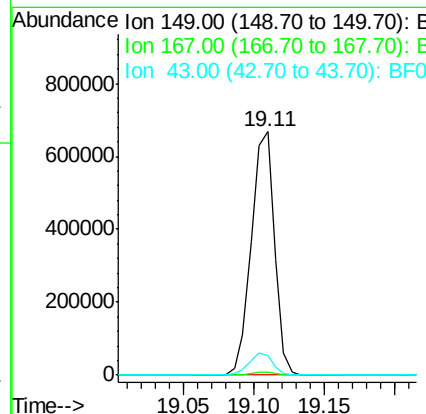
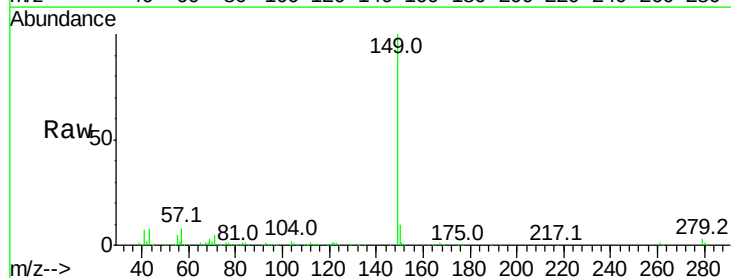
Instrument :
 BNA_F
 ClientSampleId :

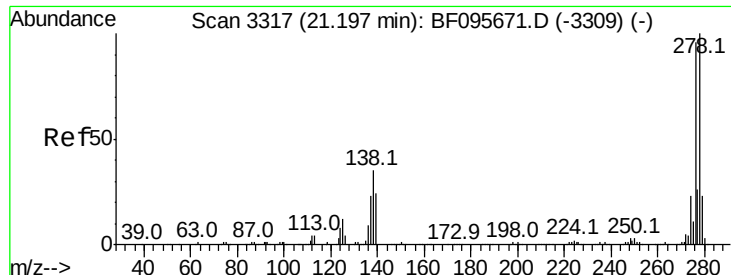
Tot Ion:149 Resp: 529605
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 47.81 ng
 RT: 19.11 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion:149 Resp: 771329
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.5 12.7

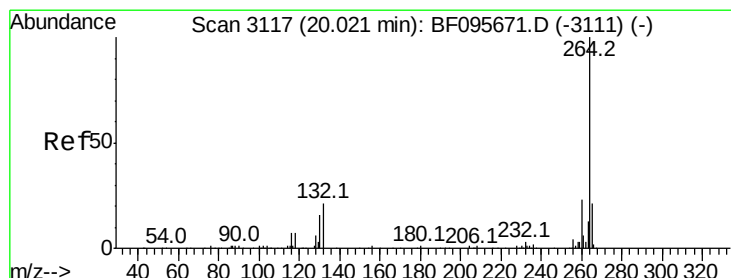
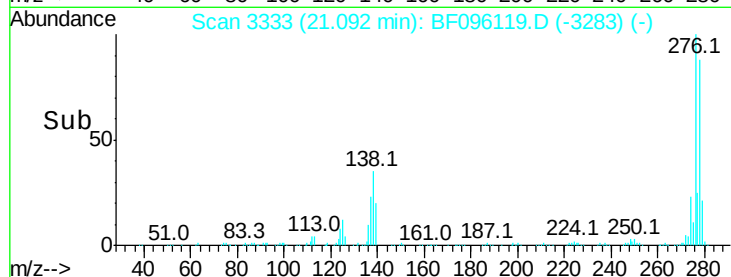
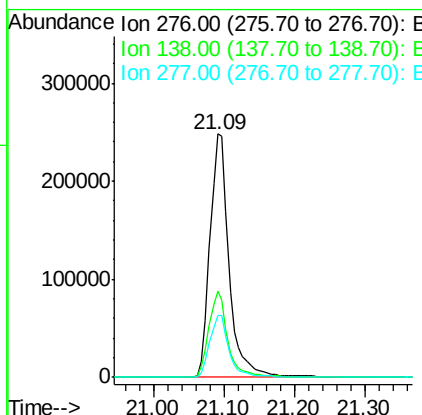
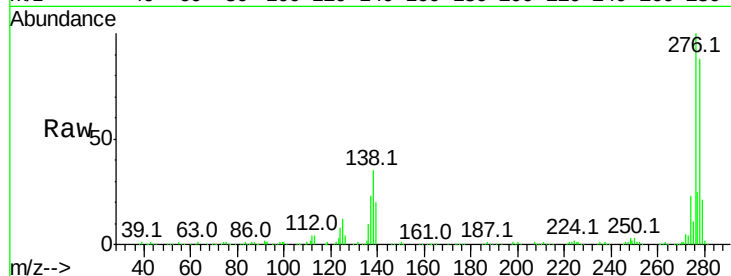




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.35 ng
RT: 21.09 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

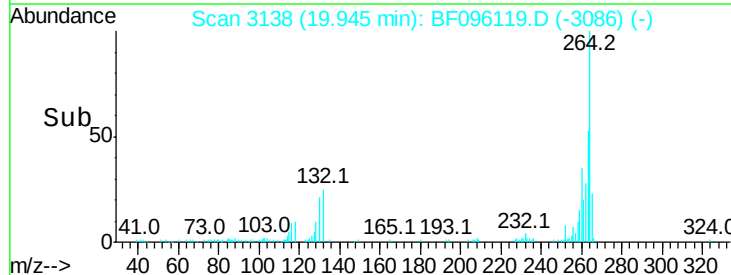
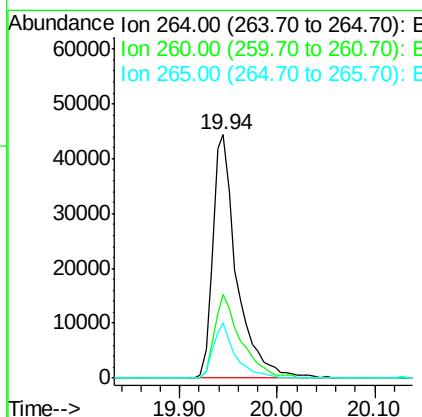
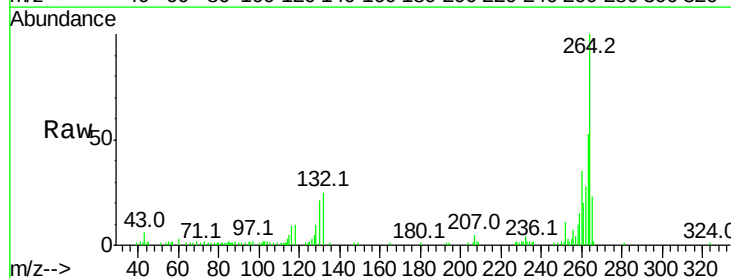
Instrument :
BNA_F
ClientSampleId :

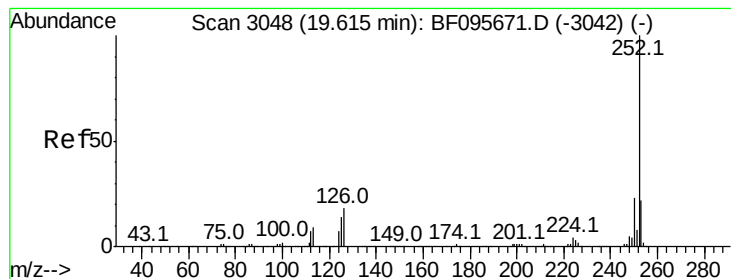
Tot Ion:276 Resp: 469641
Ion Ratio Lower Upper
276 100
138 35.2 27.8 41.6
277 25.7 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion:264 Resp: 74938
Ion Ratio Lower Upper
264 100
260 34.5 19.5 29.3#
265 22.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 94.41 ng

RT: 19.53 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampled :

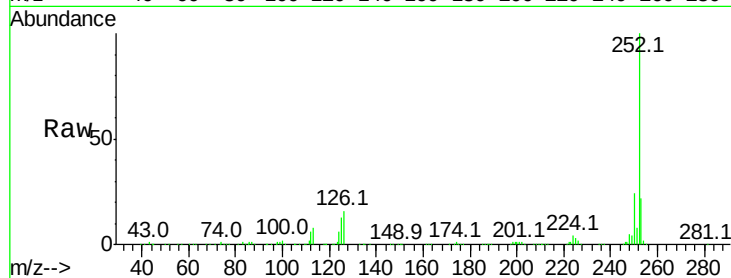
Tot Ion:252 Resp: 442996

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

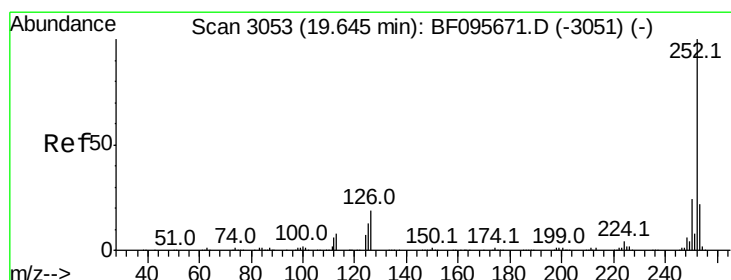
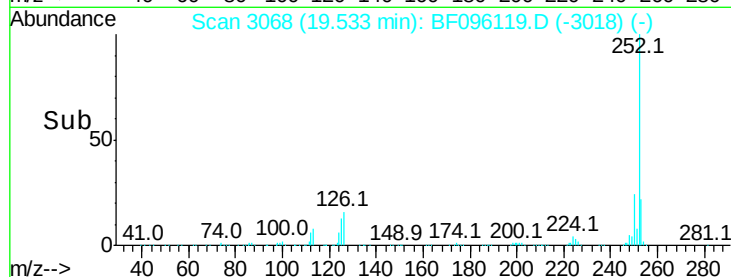
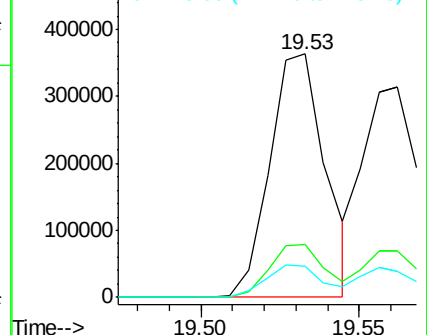
125 12.8 9.8 14.8



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: 99.67 ng

RT: 19.56 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

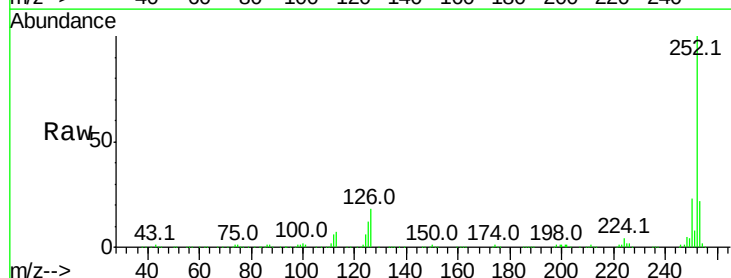
Tgt Ion:252 Resp: 447014

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

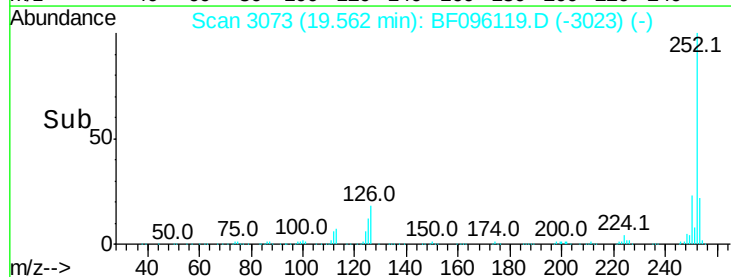
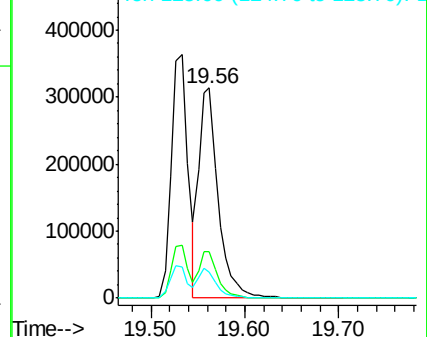
125 12.3 13.1 19.7#

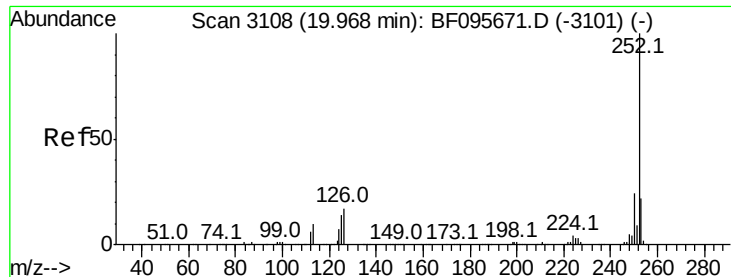


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 90.10 ng

RT: 19.88 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampleId :

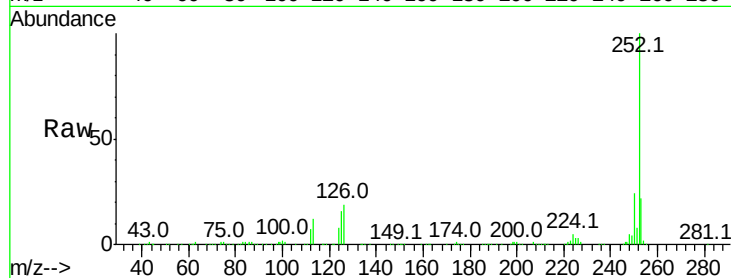
Tot Ion:252 Resp: 388606

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

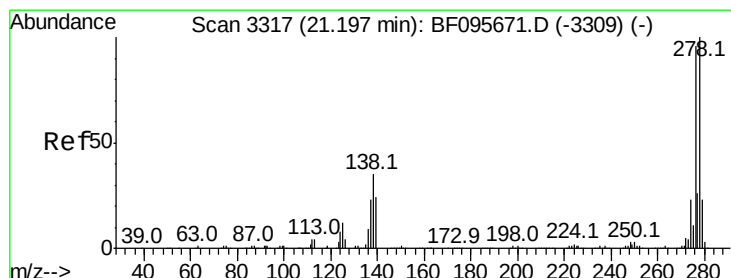
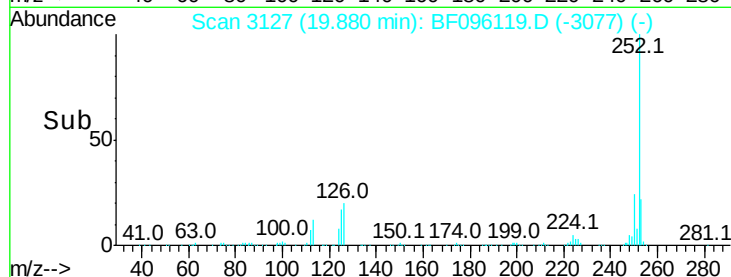
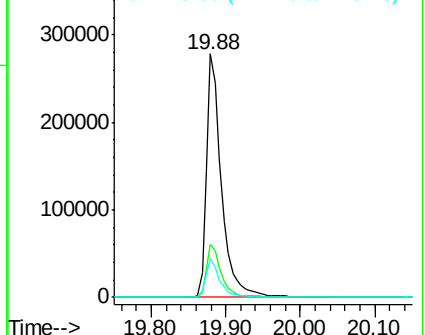
125 16.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 113.72 ng

RT: 21.09 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

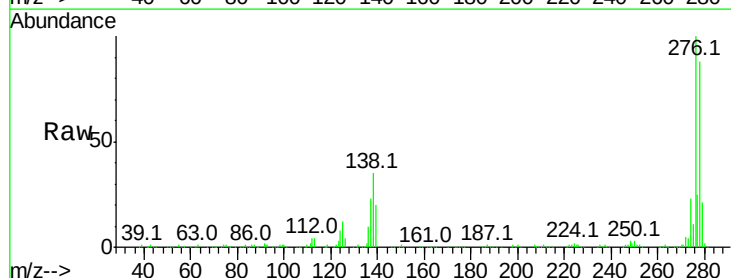
Tgt Ion:278 Resp: 416033

Ion Ratio Lower Upper

278 100

139 22.6 16.6 24.8

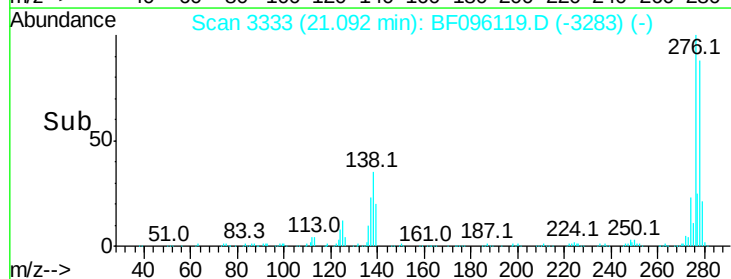
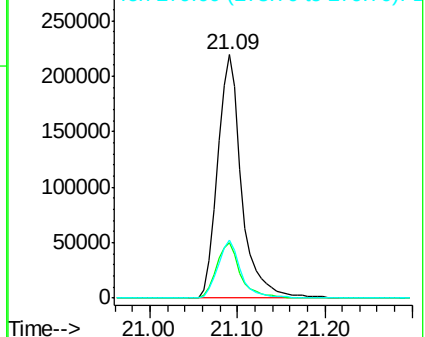
279 23.9 19.3 28.9

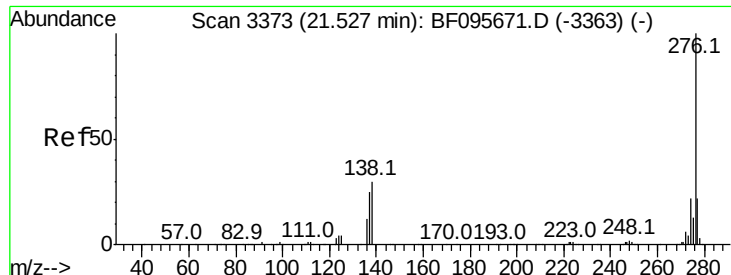


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 93.67 ng

RT: 21.42 min Scan# 3388

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampleId :

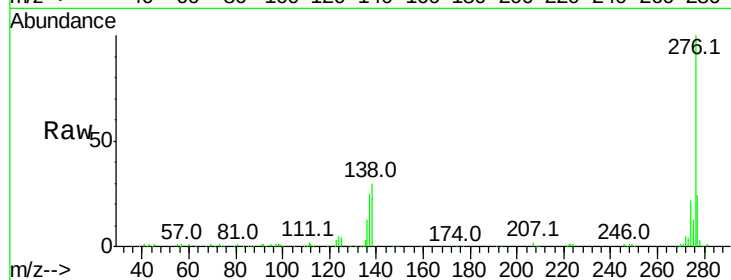
Tot Ion: 276 Resp: 349347

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 30.4 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

