

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096099.D
 Acq On : 21 Jun 2017 23:04
 Operator : SJ/MA
 Sample : I3736-07 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 01:07:20 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

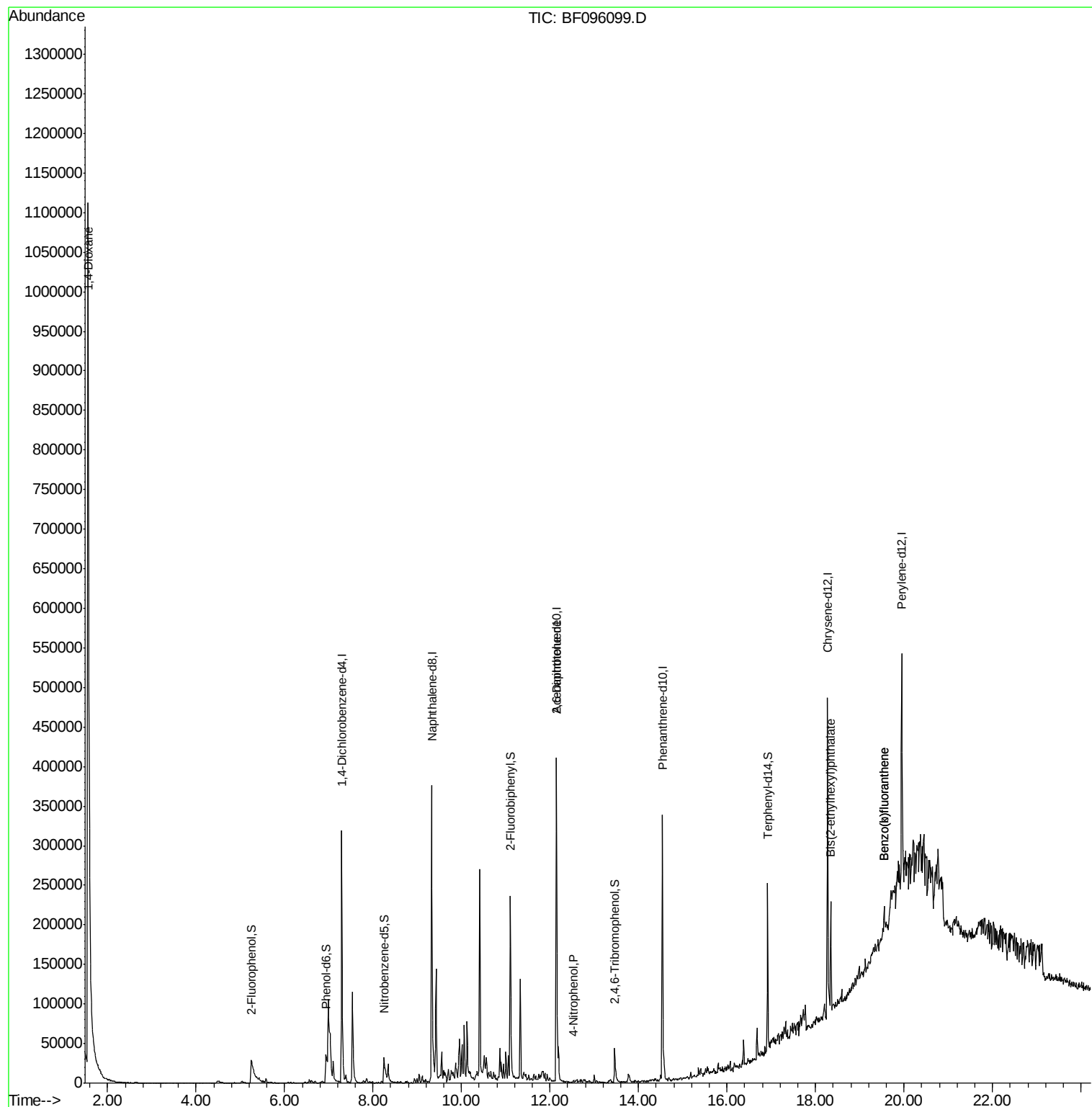
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	81171	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	301034	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	123124	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	190553	20.00	ng	0.00
75) Chrysene-d12	18.27	240	167672	20.00	ng	0.00
86) Perylene-d12	19.94	264	126688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	53766	10.55	ng	0.07
7) Phenol-d6	6.93	99	70703	11.59	ng	0.06
23) Nitrobenzene-d5	8.25	82	41799	8.62	ng	0.02
41) 2,4,6-Tribromophenol	13.47	330	11094	10.18	ng	0.02
44) 2-Fluorobiphenyl	11.10	172	108271	12.24	ng	0.00
78) Terphenyl-d14	16.92	244	78699	11.65	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.56	88	62970	25.98	ng	# 23
50) 2,6-Dinitrotoluene	12.14	165	15646	7.67	ng	# 31
55) 4-Nitrophenol	12.52	139	312	4.84	ng	# 25
83) Bis(2-ethylhexyl)phthalate	18.34	149	43881	5.69	ng	# 98
87) Benzo(b)fluoranthene	19.55	252	16840	2.12	ng	# 71
88) Benzo(k)fluoranthene	19.55	252	16840	2.22	ng	# 75

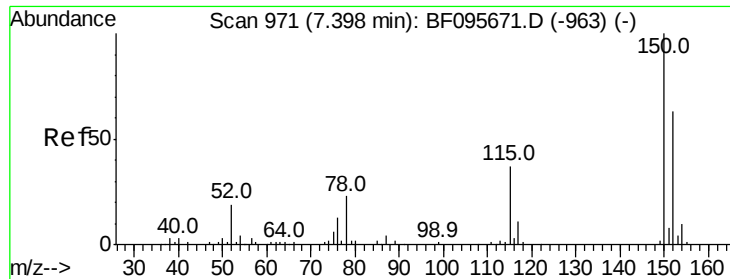
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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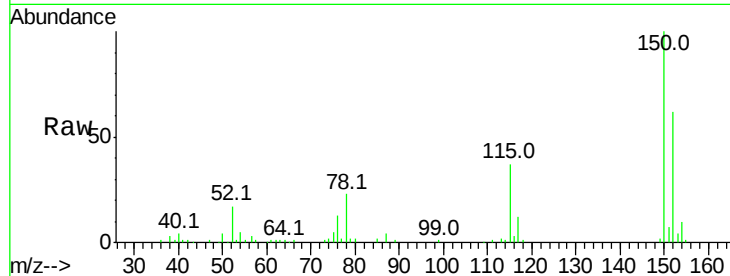


#1

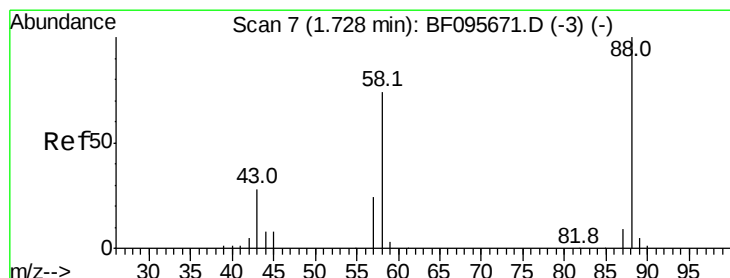
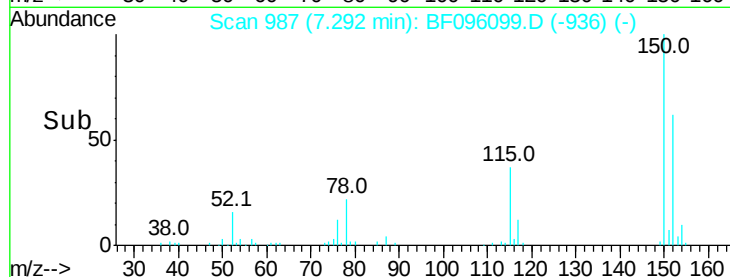
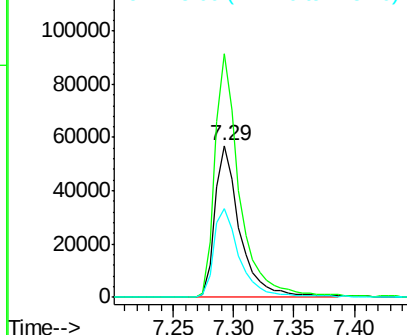
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096099.D
Acq: 21 Jun 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81171
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 58.7 52.2 78.2



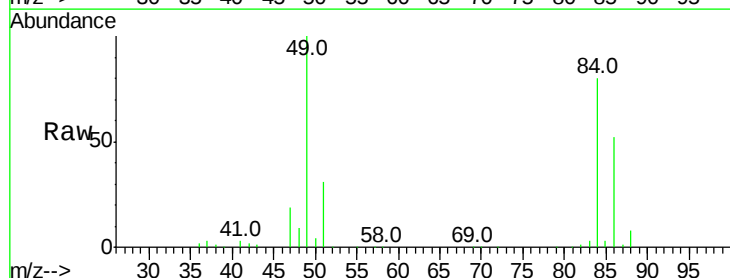
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



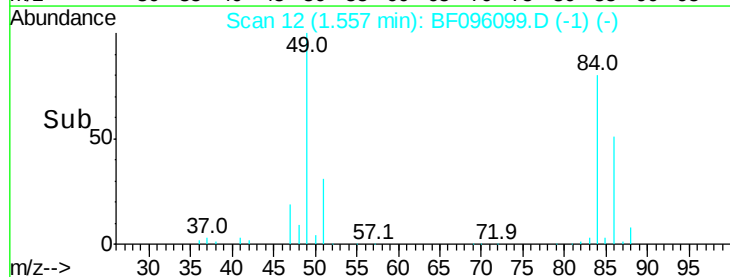
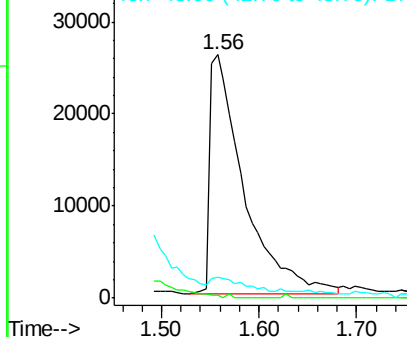
#2

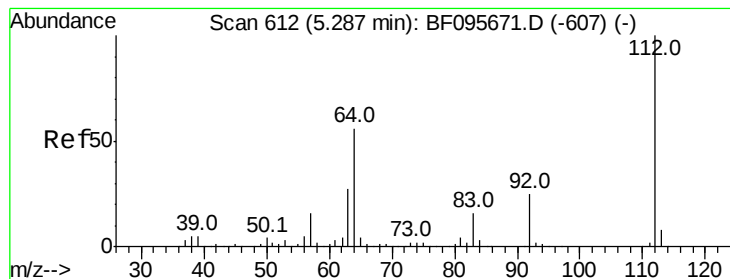
1,4-Dioxane
Concen: 25.98 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096099.D
Acq: 21 Jun 2017 23:04

Tgt Ion: 88 Resp: 62970
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 5.4 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

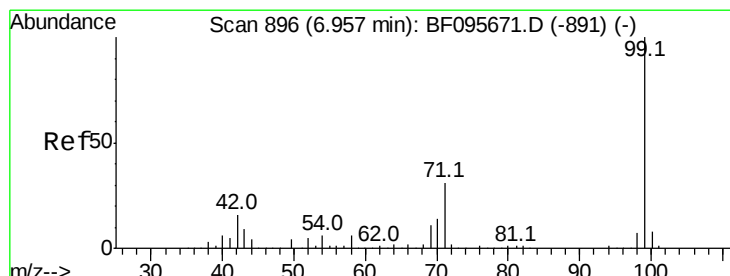
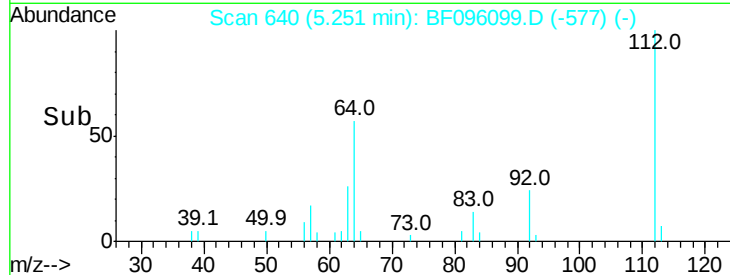
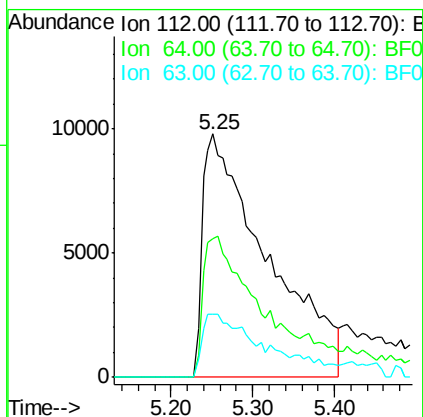
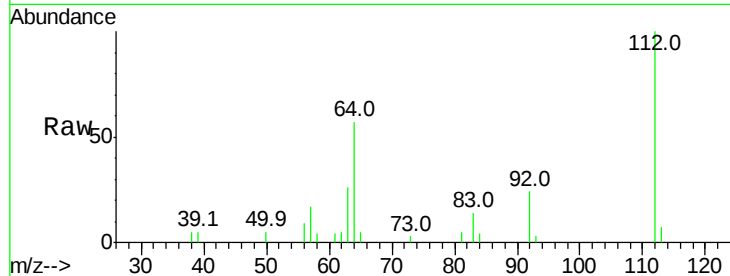




#5
 2-Fluorophenol
 Concen: 10.55 ng
 RT: 5.25 min Scan# 640
 Delta R.T. 0.07 min
 Lab File: BF096099.D
 Acq: 21 Jun 2017 23:04

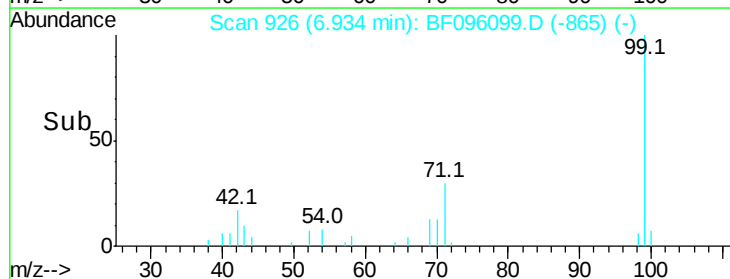
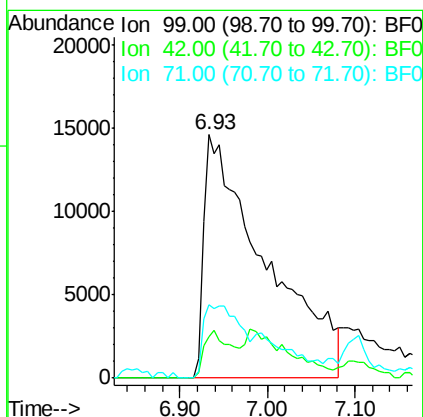
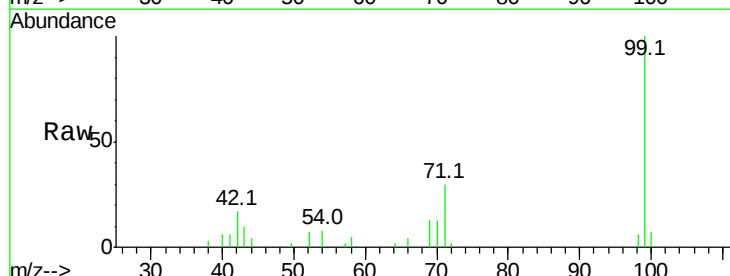
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	112	Resp:	53766
Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.0	69.0
63	25.7	23.4	35.0



#7
 Phenol-d6
 Concen: 11.59 ng
 RT: 6.93 min Scan# 926
 Delta R.T. 0.06 min
 Lab File: BF096099.D
 Acq: 21 Jun 2017 23:04

Tgt Ion:	99	Resp:	70703
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	30.4	24.5	36.7

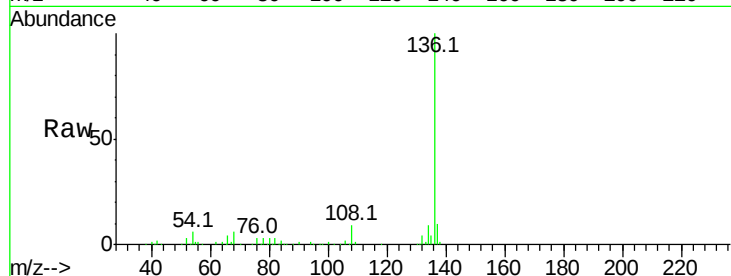




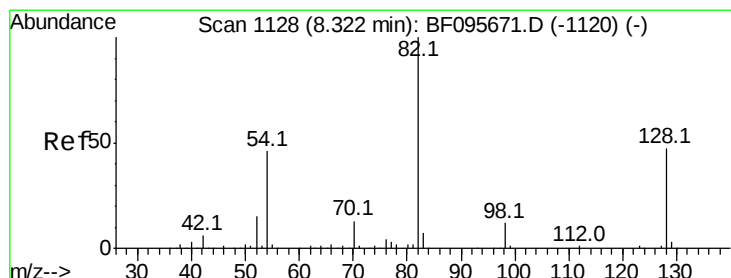
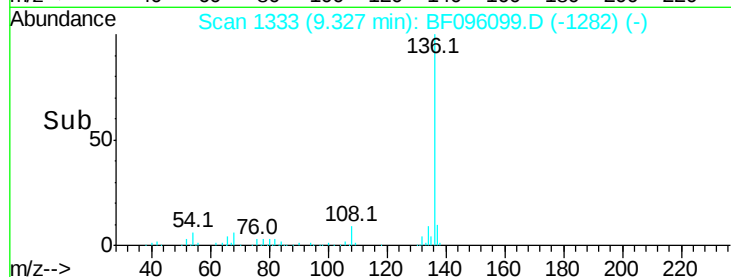
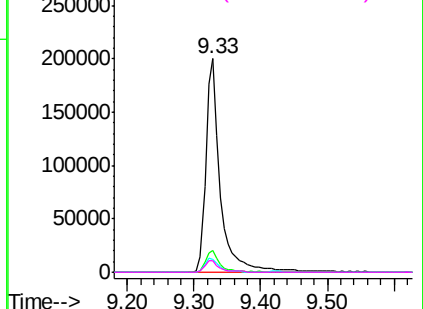
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF096099.D
Acq: 21 Jun 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	301034
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.5	12.7
54	6.0	4.9	7.3
68	5.7	4.1	6.1

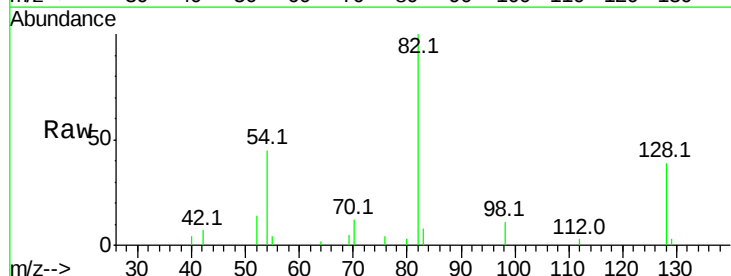


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

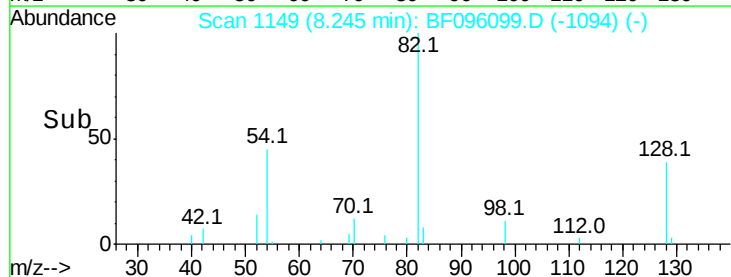
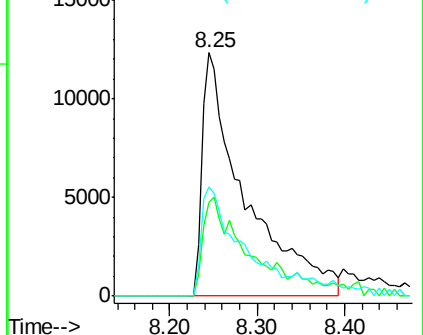


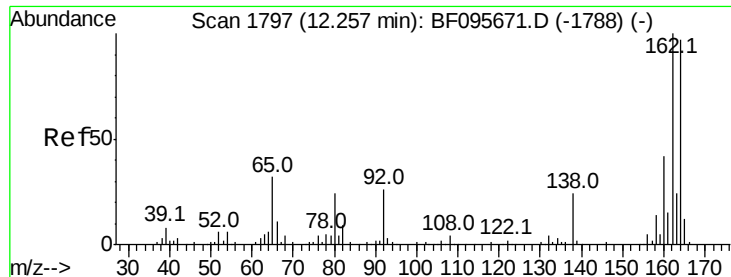
#23
Nitrobenzene-d5
Concen: 8.62 ng
RT: 8.25 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BF096099.D
Acq: 21 Jun 2017 23:04

Tgt Ion:	82	Resp:	41799
Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.0	51.0
54	44.8	42.2	63.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.14 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF096099.D

Acq: 21 Jun 2017 23:04

Instrument :

BNA_F

ClientSampleId :

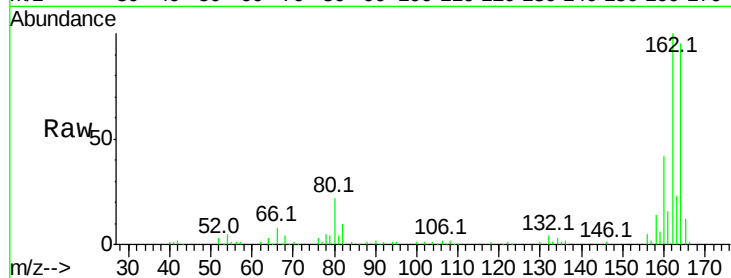
Tot Ion:164 Resp: 123124

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

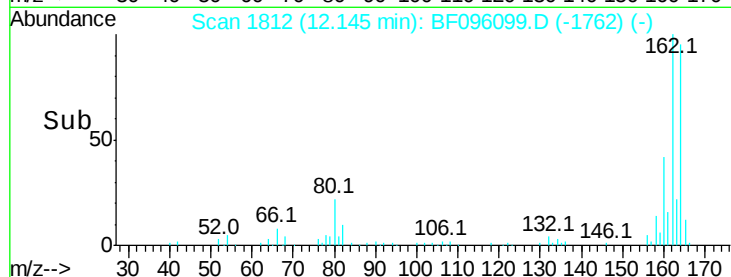
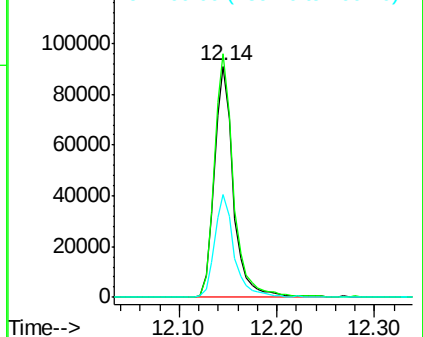
160 44.7 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 10.18 ng

RT: 13.47 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF096099.D

Acq: 21 Jun 2017 23:04

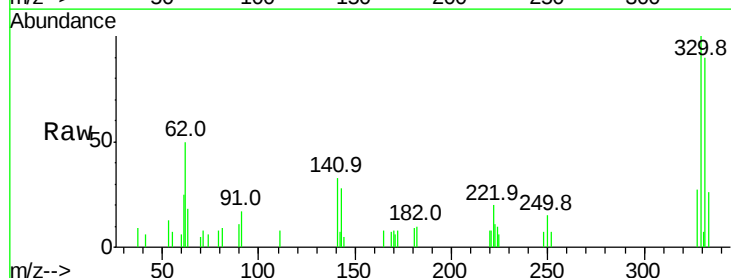
Tgt Ion:330 Resp: 11094

Ion Ratio Lower Upper

330 100

332 102.1 76.6 115.0

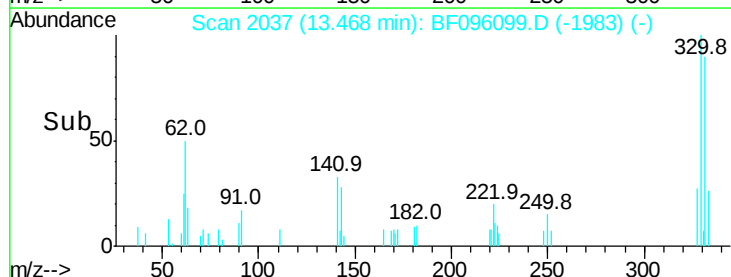
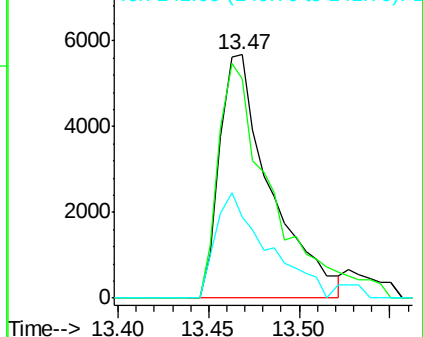
141 43.9 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

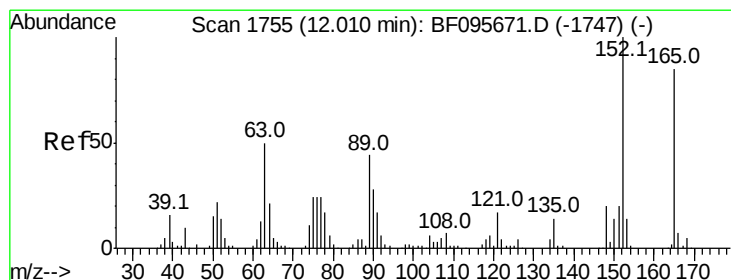
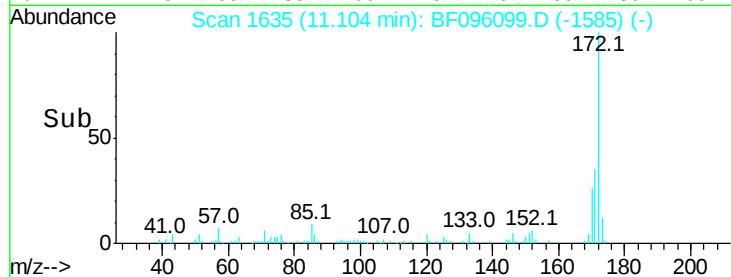
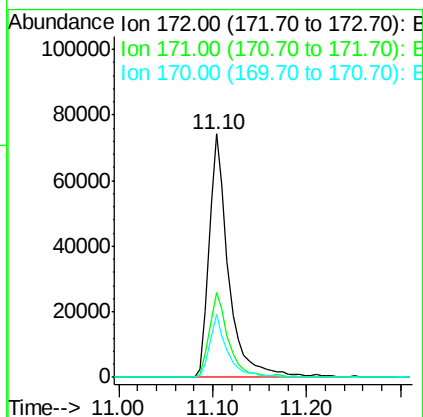
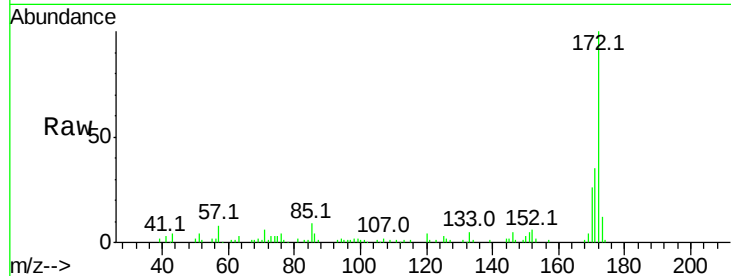




#44
2-Fluorobiphenyl
Concen: 12.24 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096099.D
Acq: 21 Jun 2017 23:04

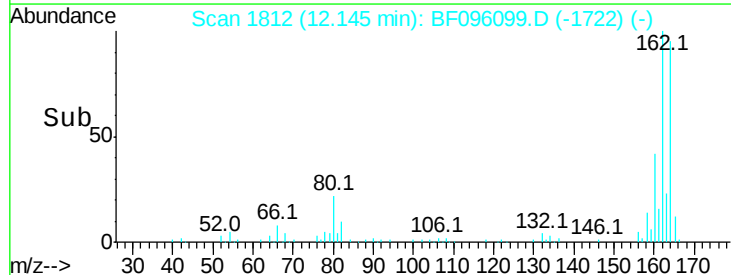
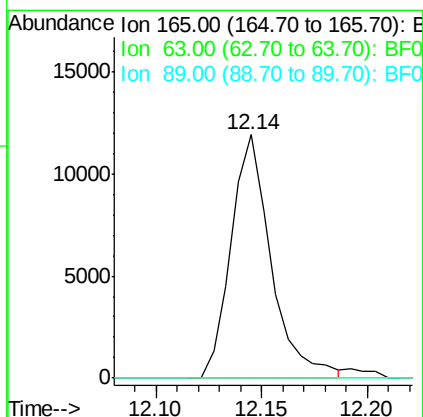
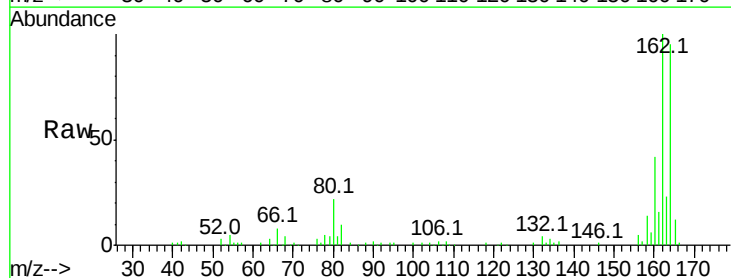
Instrument :
BNA_F
ClientSampleId :

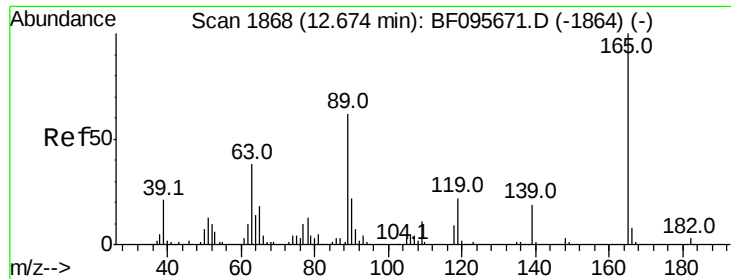
Tot Ion:172 Resp: 108271
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 25.7 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 12.14 min Scan# 1812
Delta R.T. 0.23 min
Lab File: BF096099.D
Acq: 21 Jun 2017 23:04

Tgt Ion:165 Resp: 15646
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

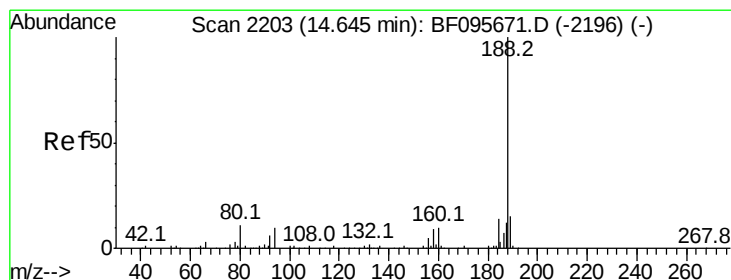
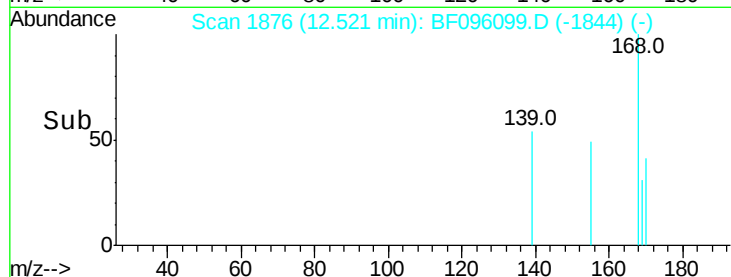
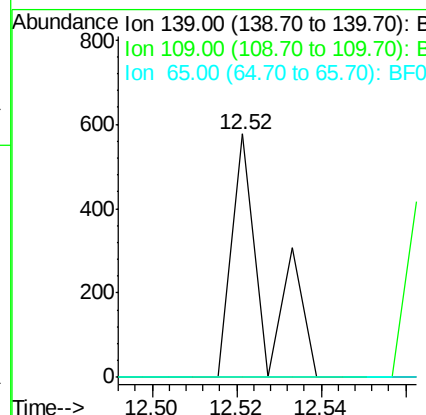
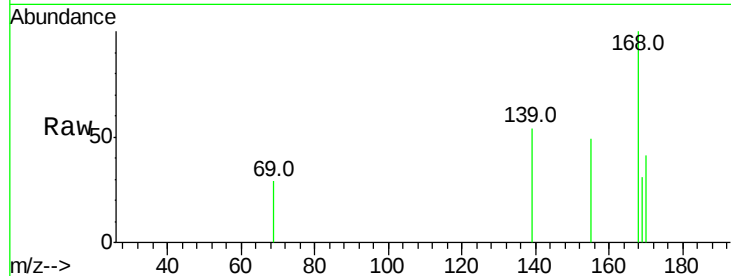




#55
4-Nitrophenol
Concen: 4.84 ng
RT: 12.52 min Scan# 1876
Delta R.T. -0.11 min
Lab File: BF096099.D
Acq: 21 Jun 2017 23:04

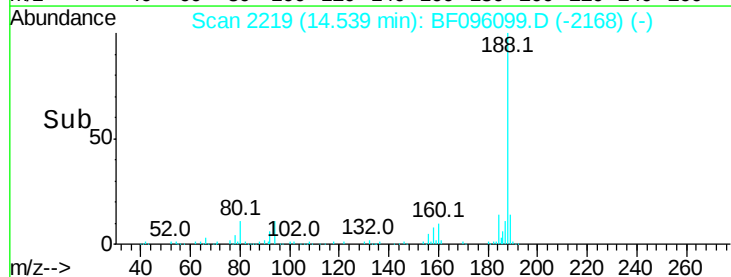
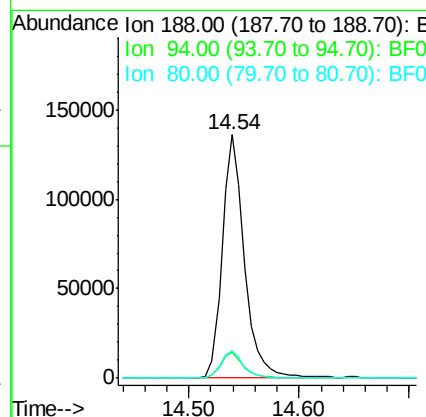
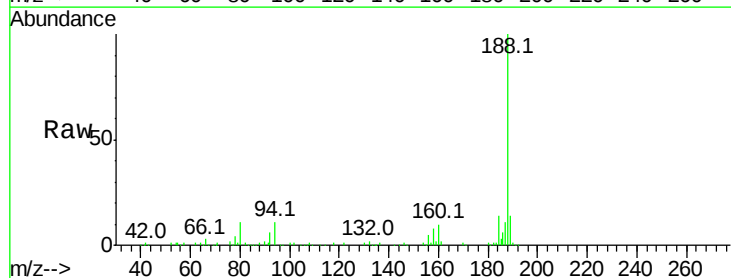
Instrument :
BNA_F
ClientSampleId :

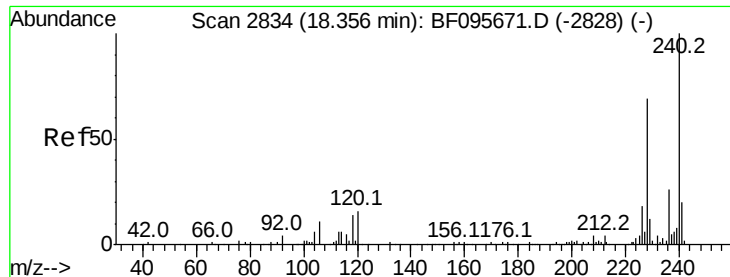
Tot Ion:139 Resp: 312
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096099.D
Acq: 21 Jun 2017 23:04

Tgt Ion:188 Resp: 190553
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.3 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BF096099.D

Acq: 21 Jun 2017 23:04

Instrument :

BNA_F

ClientSampleId :

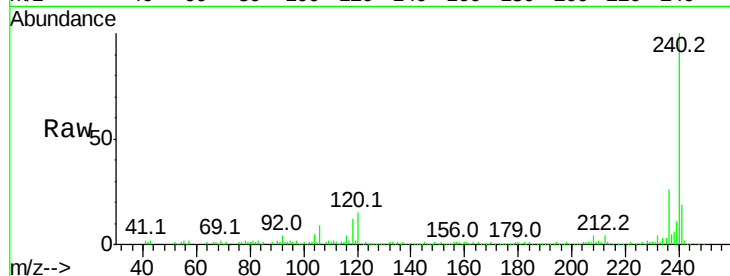
Tot Ion:240 Resp: 167672

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

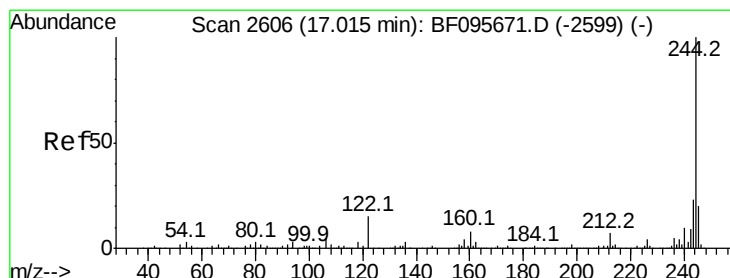
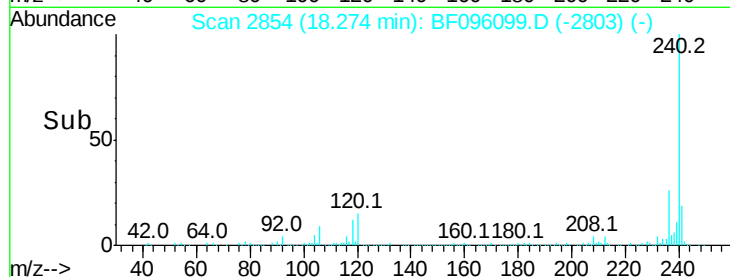
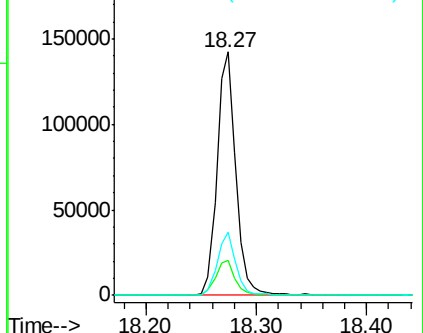
236 25.9 20.5 30.7



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



#78

Terphenyl-d14

Concen: 11.65 ng

RT: 16.92 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BF096099.D

Acq: 21 Jun 2017 23:04

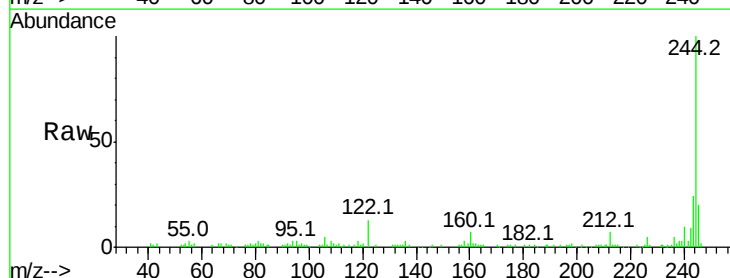
Tgt Ion:244 Resp: 78699

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

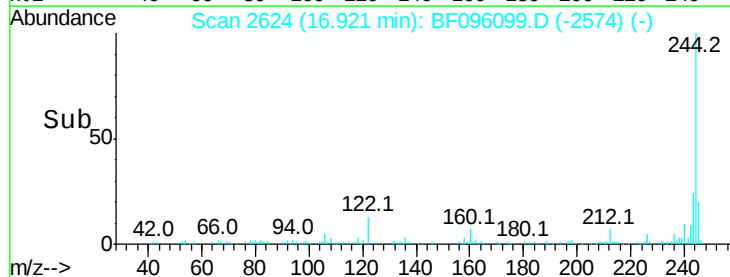
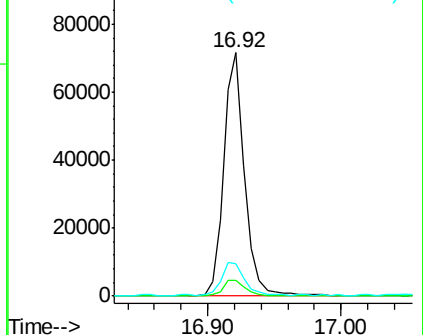
122 13.3 10.3 15.5

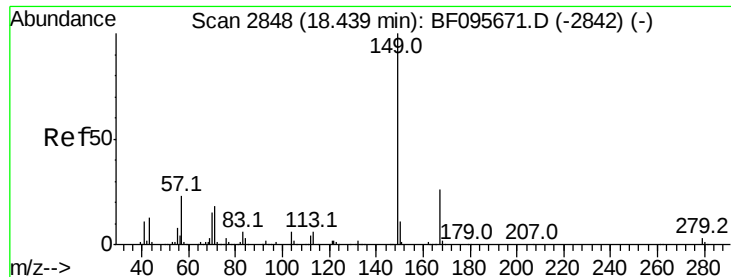


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

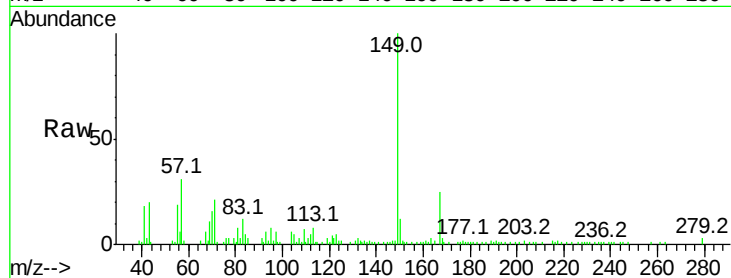




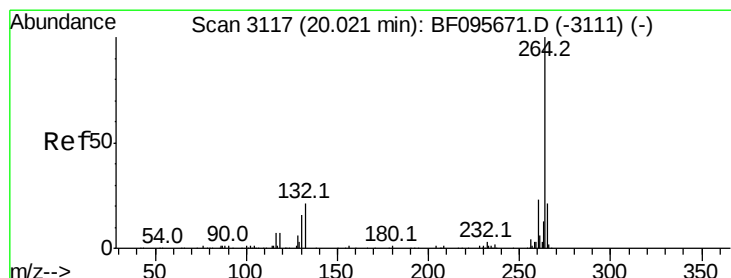
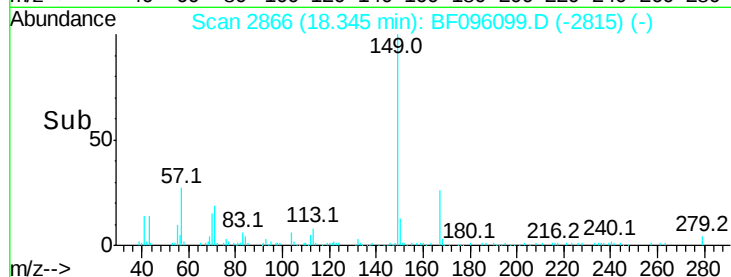
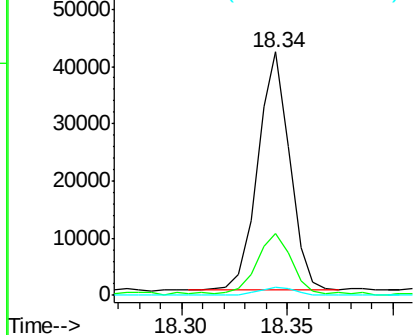
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.69 ng
 RT: 18.34 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BF096099.D
 Acq: 21 Jun 2017 23:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 43881
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.0 31.4
 279 3.4 1.9 2.9#

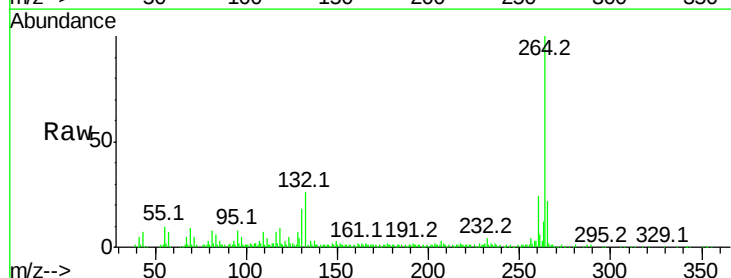


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

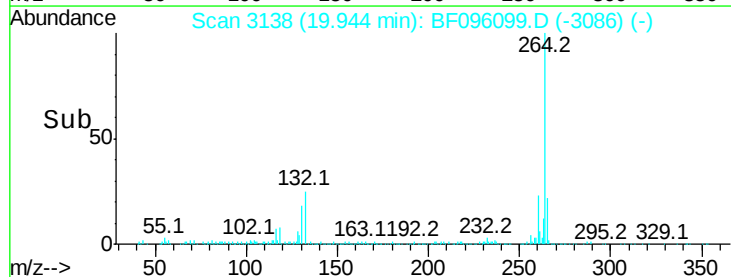
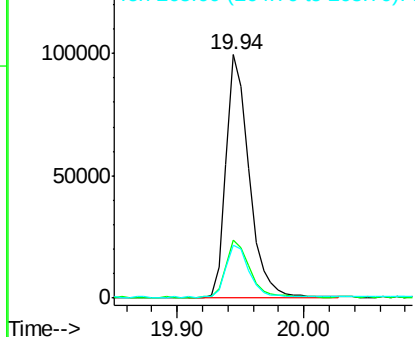


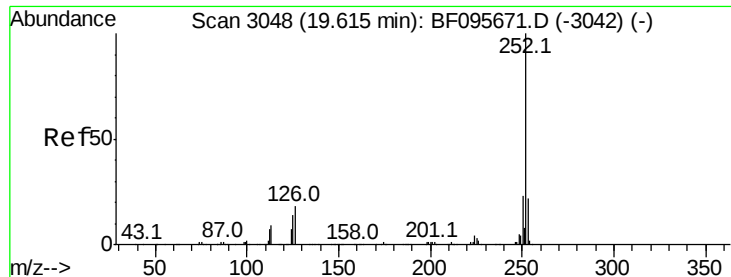
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096099.D
 Acq: 21 Jun 2017 23:04

Tgt Ion:264 Resp: 126688
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.9 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 2.12 ng

RT: 19.55 min Scan# 3071

Delta R.T. 0.01 min

Lab File: BF096099.D

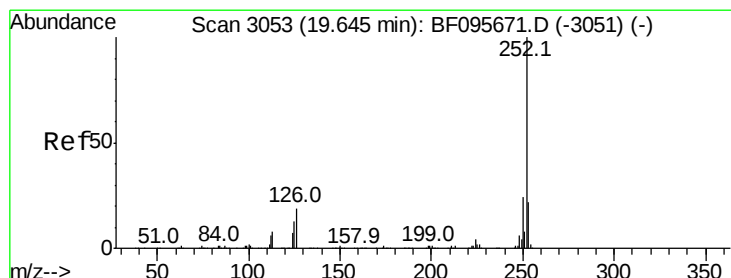
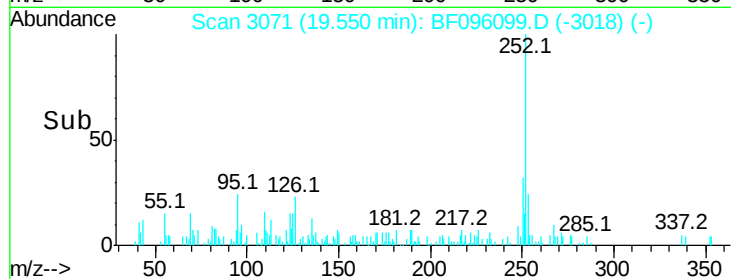
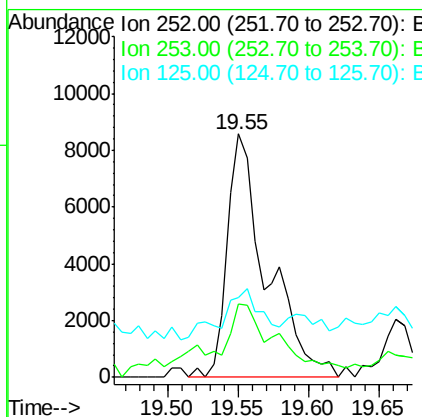
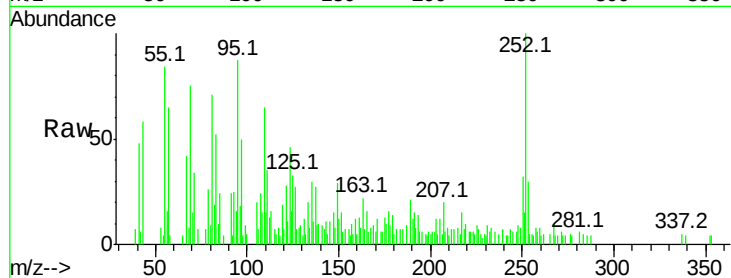
Acq: 21 Jun 2017 23:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:252	Resp:	16840
Ion Ratio	Lower	Upper
252	100	
253	30.3	18.1 27.1#
125	32.8	9.8 14.8#



#88

Benzo(k)fluoranthene

Concen: 2.22 ng

RT: 19.55 min Scan# 3071

Delta R.T. -0.02 min

Lab File: BF096099.D

Acq: 21 Jun 2017 23:04

Tgt Ion:252	Resp:	16840
Ion Ratio	Lower	Upper
252	100	
253	30.3	18.4 27.6#
125	32.8	13.1 19.7#

