

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096206.D
 Acq On : 25 Jun 2017 2:09
 Operator : SJ/MA
 Sample : I3775-08DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 01:26:42 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

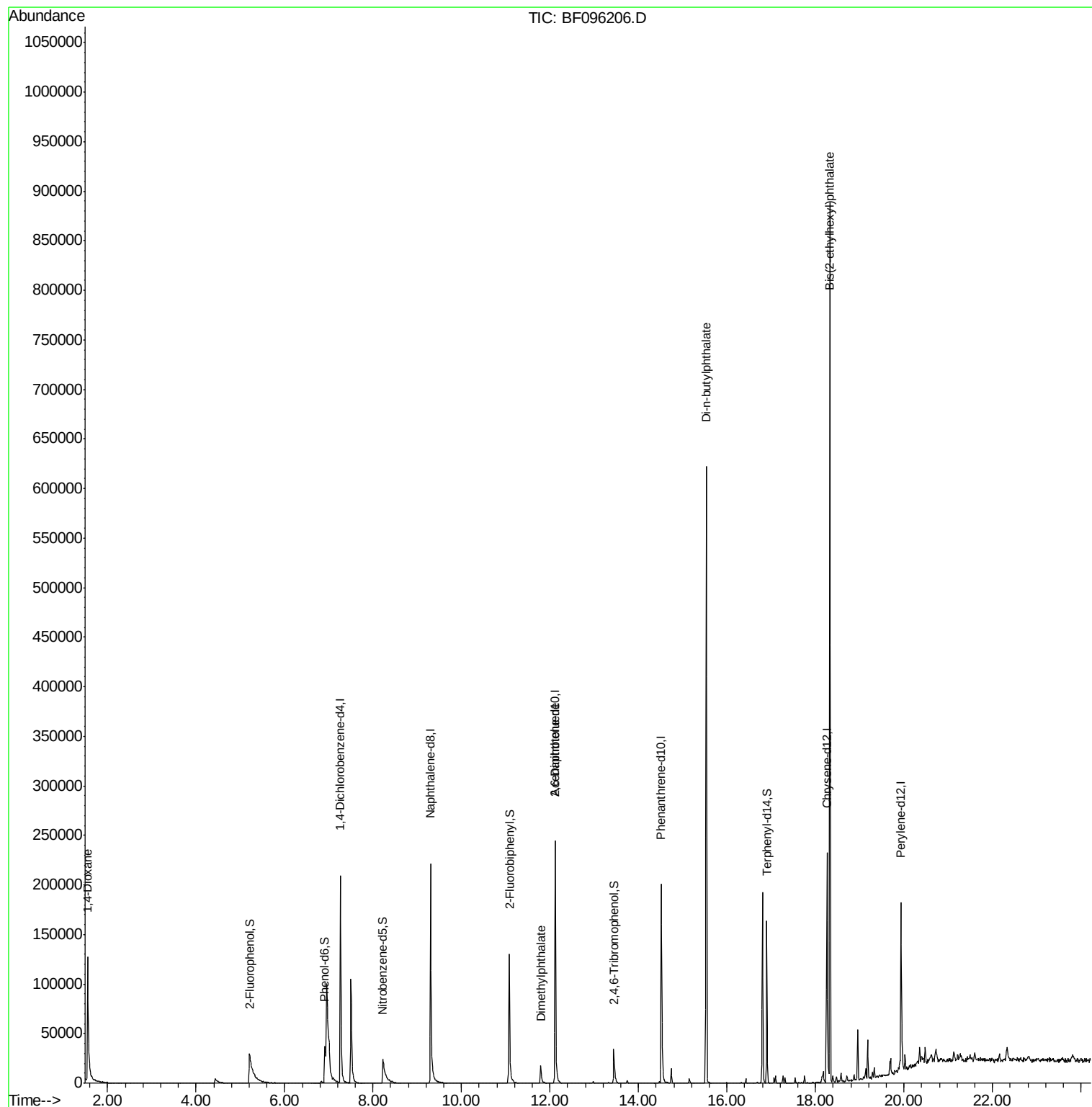
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	56086	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	200814	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	82846	20.00	ng	-0.04
63) Phenanthrene-d10	14.52	188	138385	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	119413	20.00	ng	-0.02
86) Perylene-d12	19.93	264	88201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	35005	9.95	ng	0.03
7) Phenol-d6	6.90	99	80396	19.08	ng	0.03
23) Nitrobenzene-d5	8.22	82	36594	11.32	ng	0.00
41) 2,4,6-Tribromophenol	13.45	330	12178	16.61	ng	0.00
44) 2-Fluorobiphenyl	11.08	172	86211	14.48	ng	-0.03
78) Terphenyl-d14	16.90	244	64801	13.47	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.55	88	6499	3.88	ng	# 21
49) Dimethylphthalate	11.79	163	21348	3.39	ng	97
50) 2,6-Dinitrotoluene	12.12	165	10353	7.55	ng	# 31
73) Di-n-butylphthalate	15.53	149	437697	50.64	ng	97
83) Bis(2-ethylhexyl)phthalate	18.33	149	322615	58.77	ng	# 99

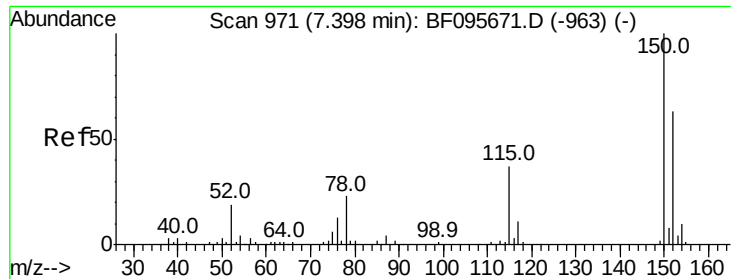
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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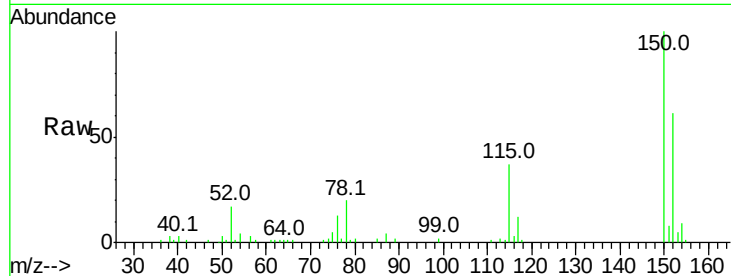


#1

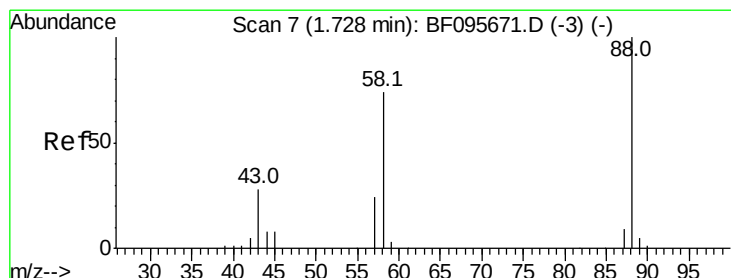
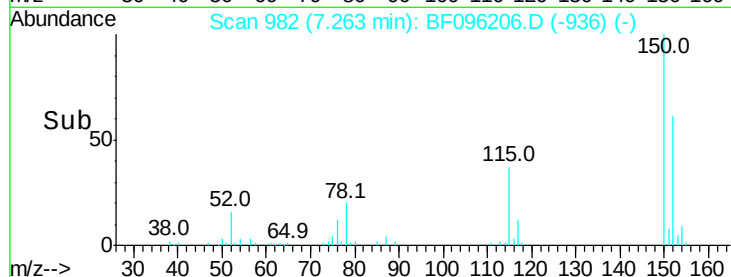
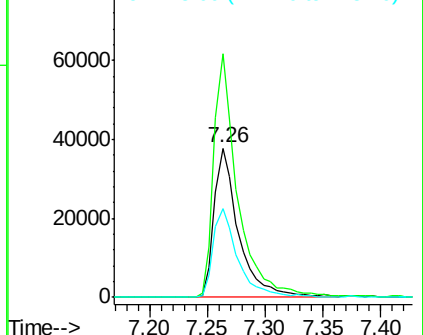
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096206.D
Acq: 25 Jun 2017 2:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	126.2	189.2
115	59.8	52.2	78.2



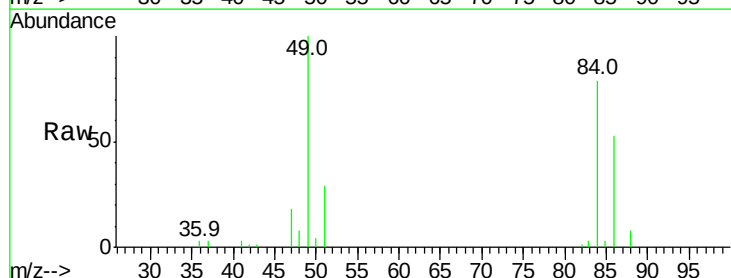
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



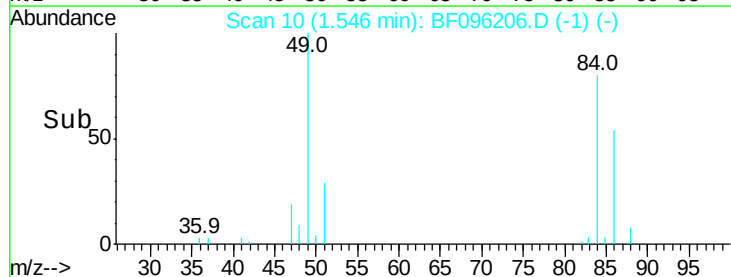
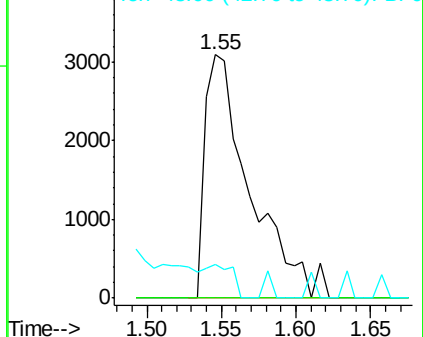
#2

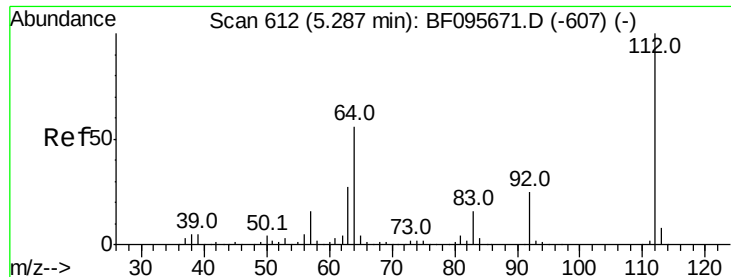
1,4-Dioxane
Concen: 3.88 ng
RT: 1.55 min Scan# 10
Delta R.T. -0.06 min
Lab File: BF096206.D
Acq: 25 Jun 2017 2:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	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





#5

2-Fluorophenol

Concen: 9.95 ng

RT: 5.21 min Scan# 633

Delta R.T. 0.03 min

Lab File: BF096206.D

Acq: 25 Jun 2017 2:09

Instrument :

BNA_F

ClientSampled :

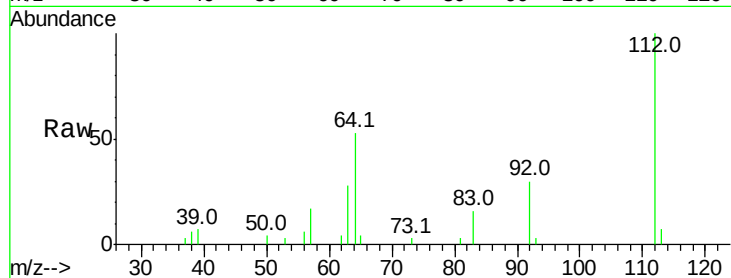
Tot Ion: 112 Resp: 35005

Ion Ratio Lower Upper

112 100

64 53.1 46.0 69.0

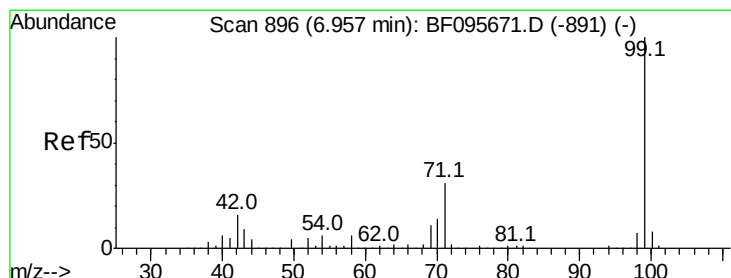
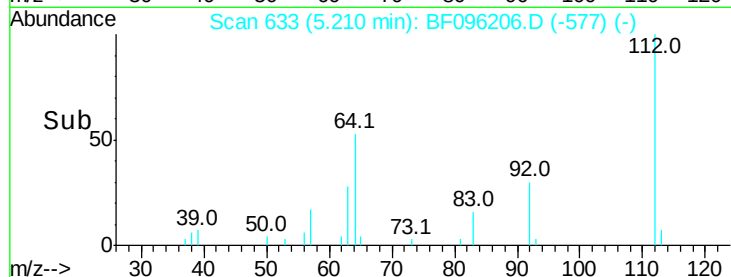
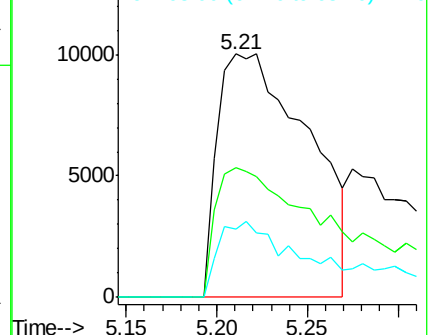
63 27.9 23.4 35.0



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



#7

Phenol-d6

Concen: 19.08 ng

RT: 6.90 min Scan# 921

Delta R.T. 0.03 min

Lab File: BF096206.D

Acq: 25 Jun 2017 2:09

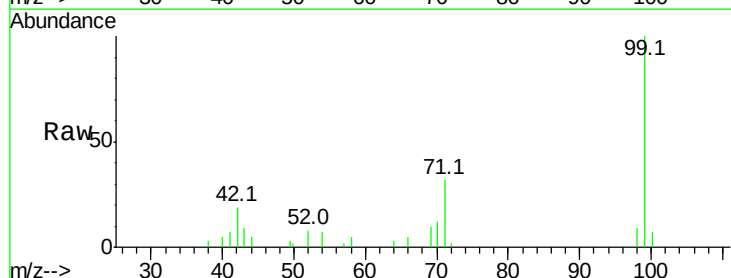
Tgt Ion: 99 Resp: 80396

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

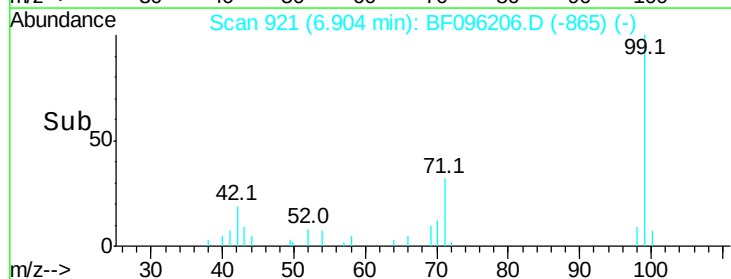
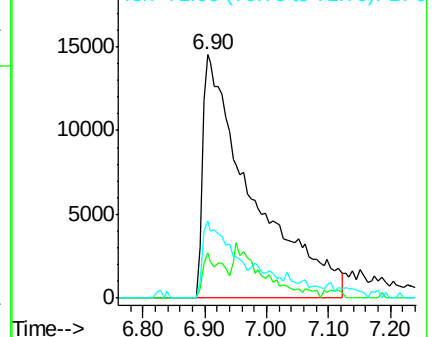
71 31.7 24.5 36.7

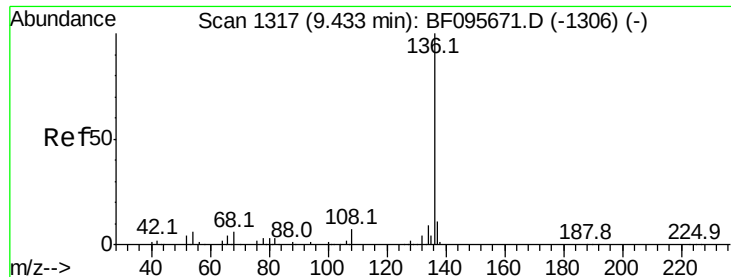


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.30 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF096206.D

Acq: 25 Jun 2017 2:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 200814

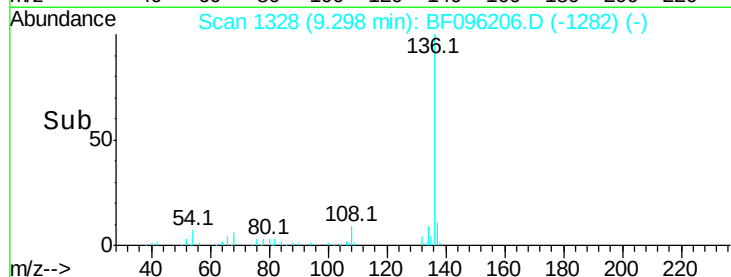
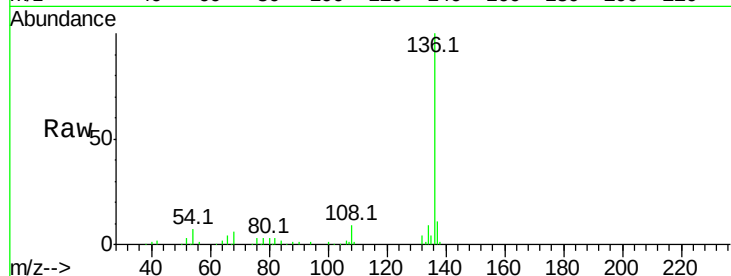
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.9 4.9 7.3

68 5.6 4.1 6.1

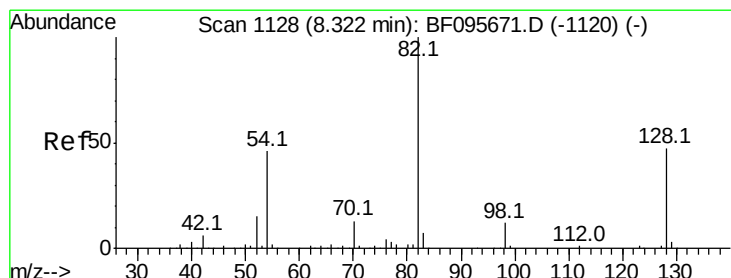
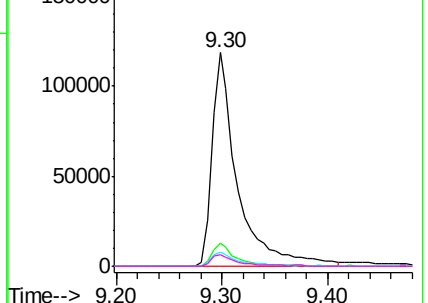


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.32 ng

RT: 8.22 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF096206.D

Acq: 25 Jun 2017 2:09

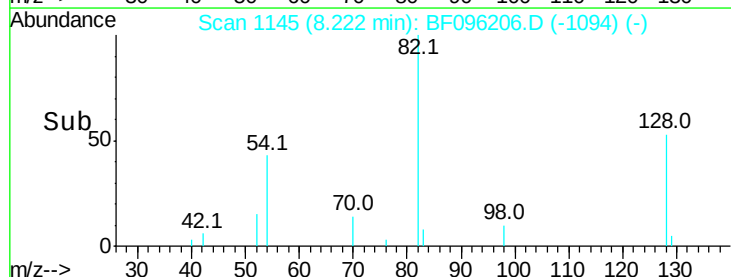
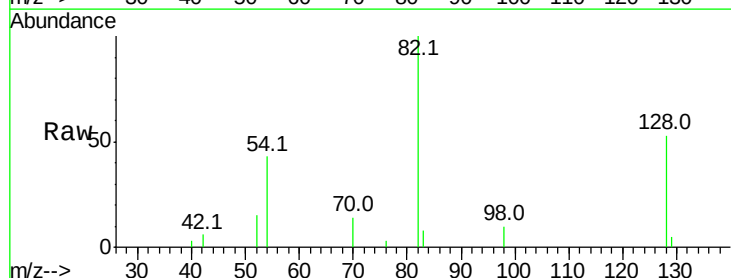
Tgt Ion: 82 Resp: 36594

Ion Ratio Lower Upper

82 100

128 53.2 34.0 51.0#

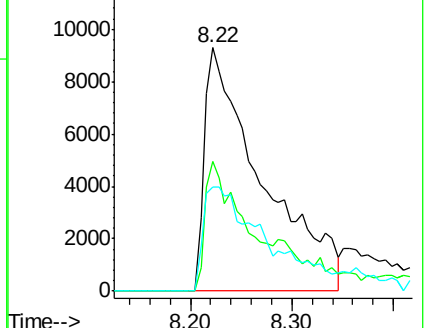
54 42.7 42.2 63.2

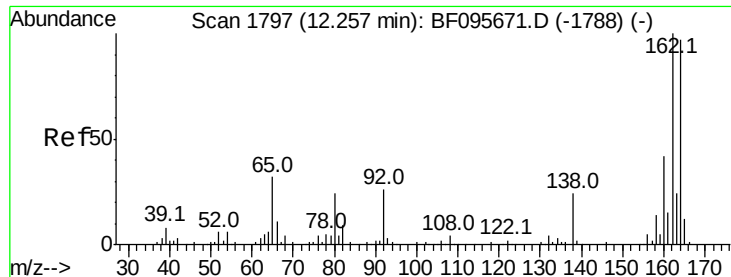


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

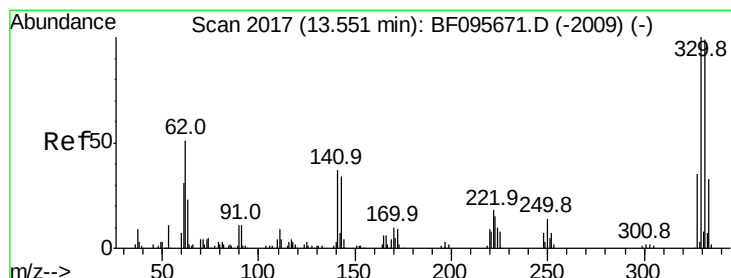
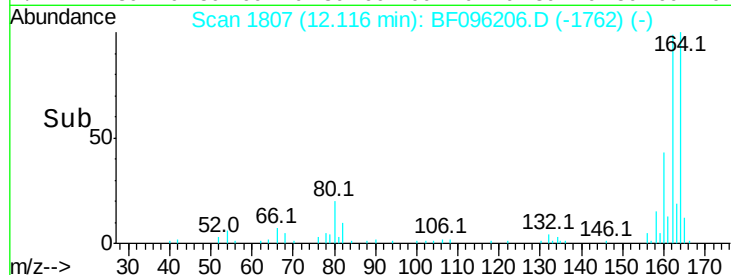
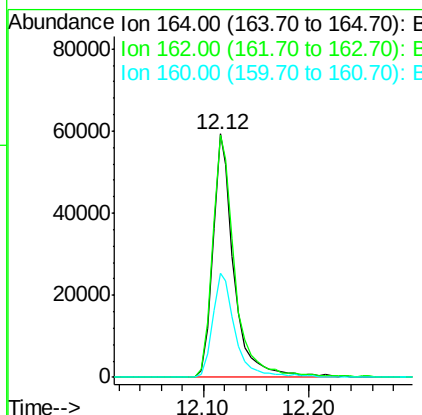
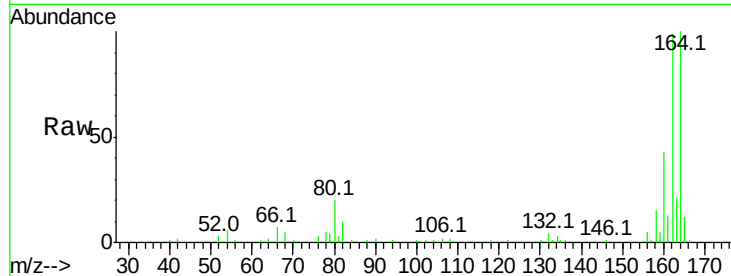




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.12 min Scan# 1807
 Delta R.T. -0.04 min
 Lab File: BF096206.D
 Acq: 25 Jun 2017 2:09

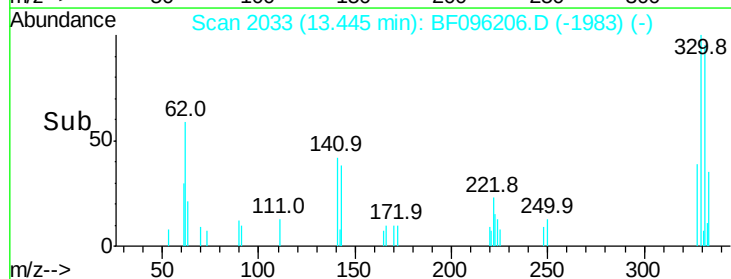
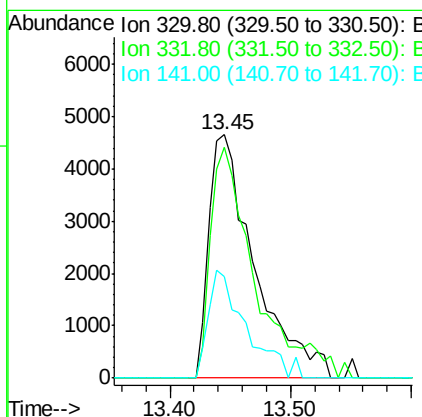
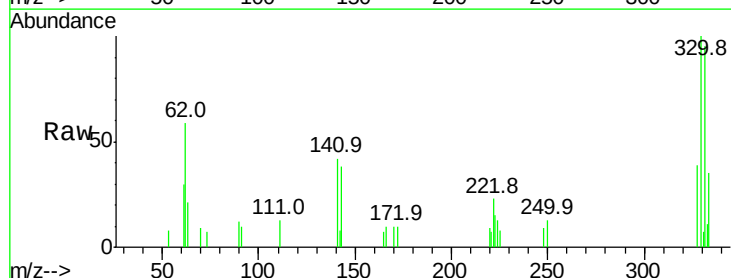
Instrument :
 BNA_F
 ClientSampleId :

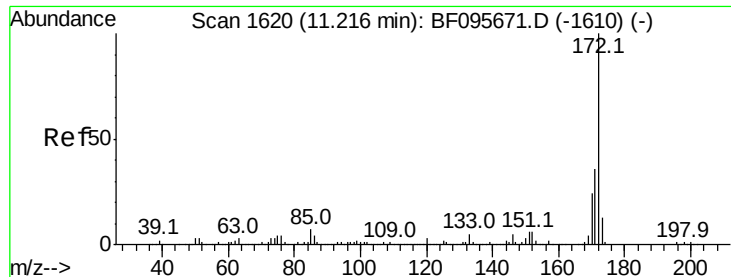
Tot Ion:164 Resp: 82846
 Ion Ratio Lower Upper
 164 100
 162 99.4 82.6 123.8
 160 42.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 16.61 ng
 RT: 13.45 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096206.D
 Acq: 25 Jun 2017 2:09

Tgt Ion:330 Resp: 12178
 Ion Ratio Lower Upper
 330 100
 332 86.1 76.6 115.0
 141 36.7 31.4 47.2

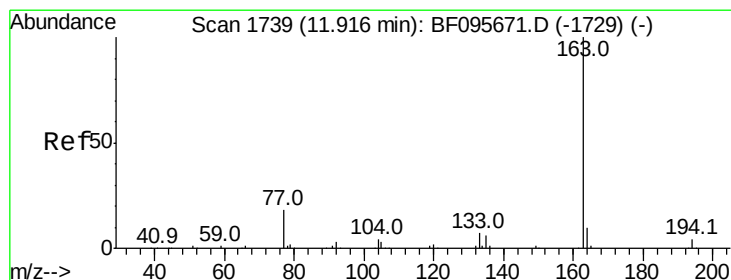
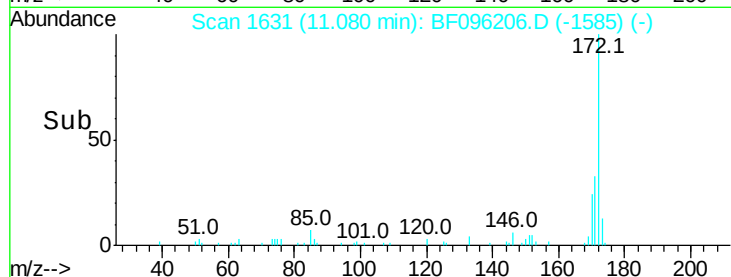
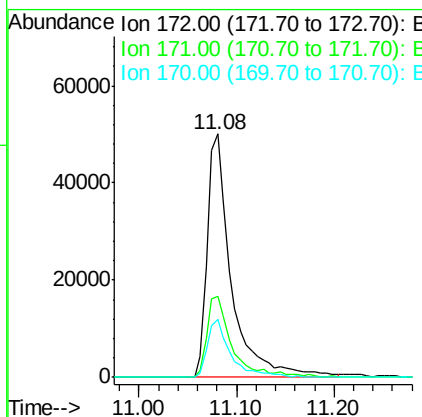
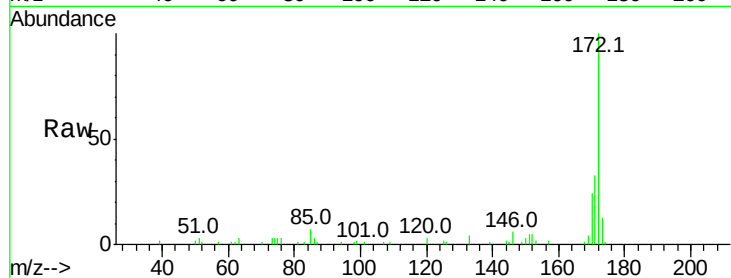




#44
2-Fluorobiphenyl
Concen: 14.48 ng
RT: 11.08 min Scan# 1631
Delta R.T. -0.03 min
Lab File: BF096206.D
Acq: 25 Jun 2017 2:09

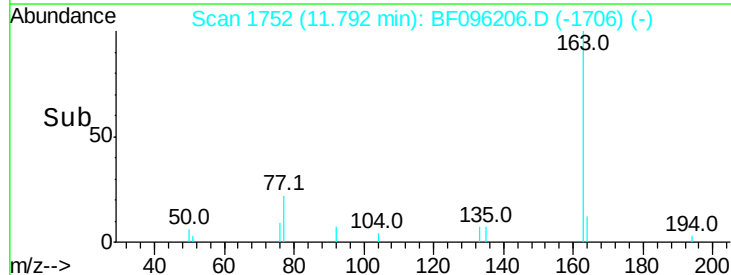
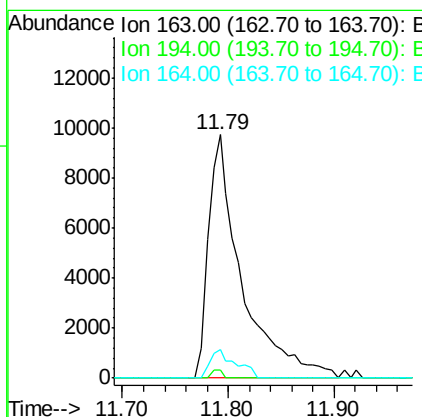
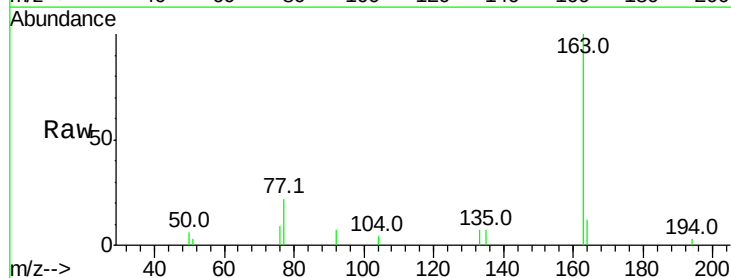
Instrument :
BNA_F
ClientSampleId :

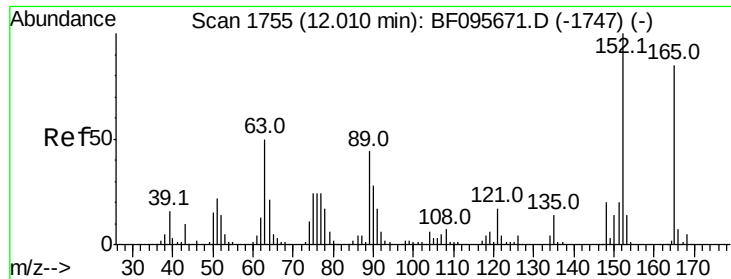
Tot Ion:172 Resp: 86211
Ion Ratio Lower Upper
172 100
171 33.2 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 3.39 ng
RT: 11.79 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BF096206.D
Acq: 25 Jun 2017 2:09

Tgt Ion:163 Resp: 21348
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 11.9 8.4 12.6

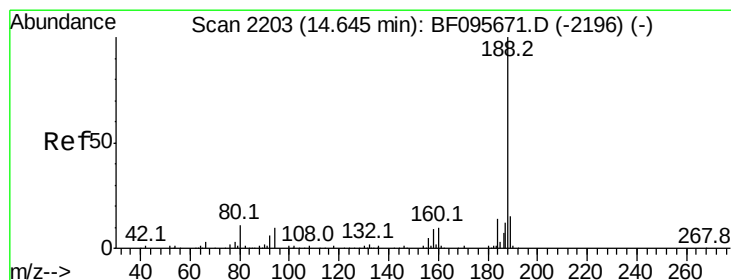
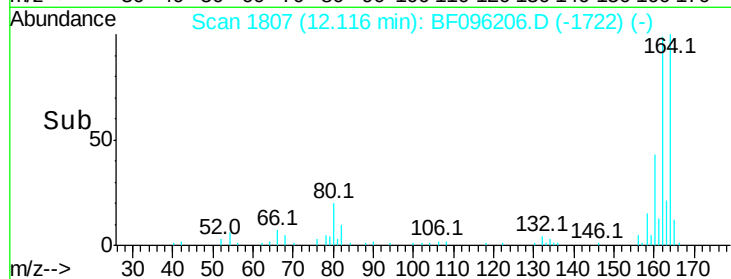
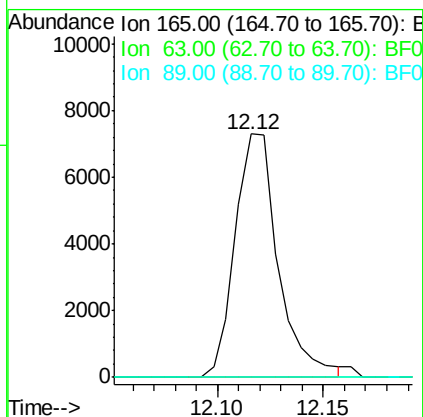
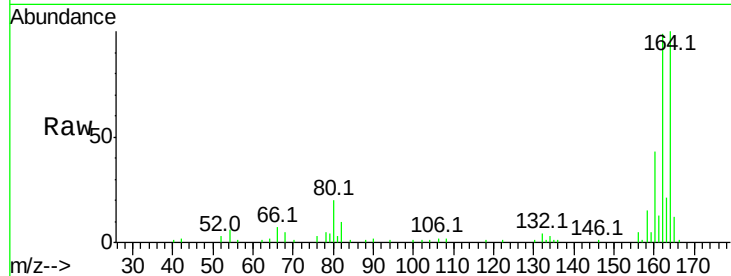




#50
 2,6-Dinitrotoluene
 Concen: 7.55 ng
 RT: 12.12 min Scan# 1807
 Delta R.T. 0.20 min
 Lab File: BF096206.D
 Acq: 25 Jun 2017 2:09

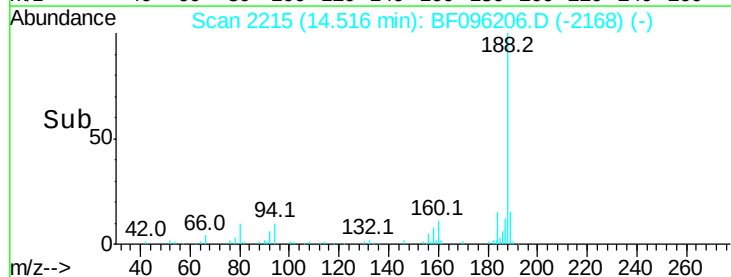
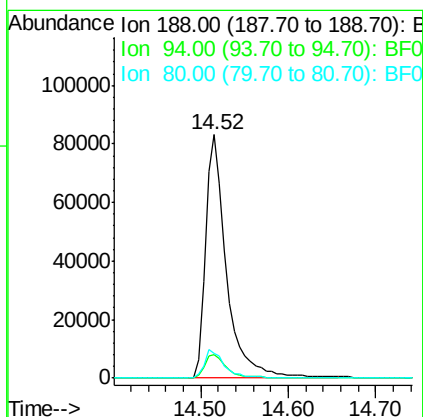
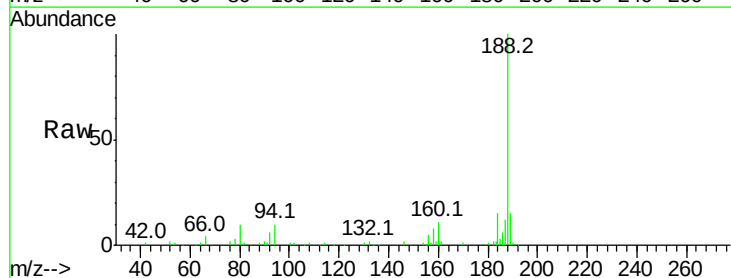
Instrument :
 BNA_F
 ClientSampleId :

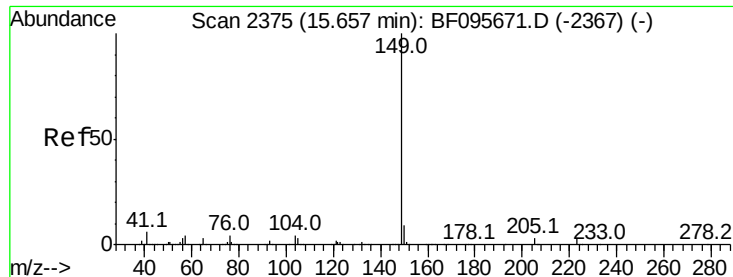
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.52 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF096206.D
 Acq: 25 Jun 2017 2:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	10.2	10.2	15.2





#73

Di-n-butylphthalate

Concen: 50.64 ng

RT: 15.53 min Scan# 2388

Delta R.T. -0.03 min

Lab File: BF096206.D

Acq: 25 Jun 2017 2:09

Instrument :

BNA_F

ClientSampled :

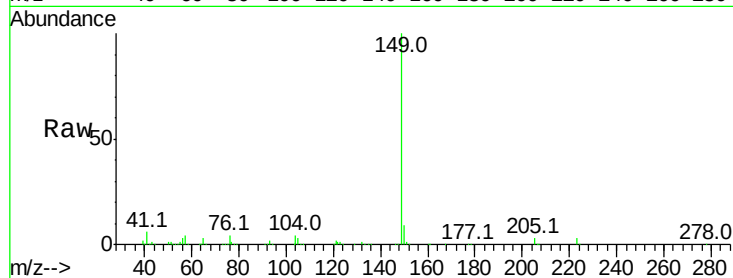
Tot Ion:149 Resp: 437697

Ion Ratio Lower Upper

149 100

150 8.7 7.7 11.5

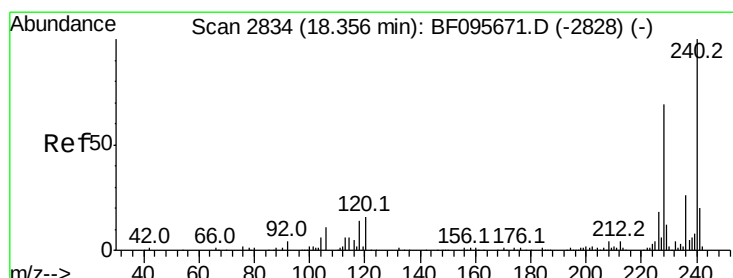
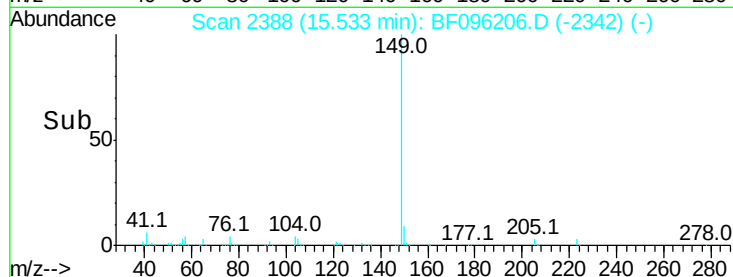
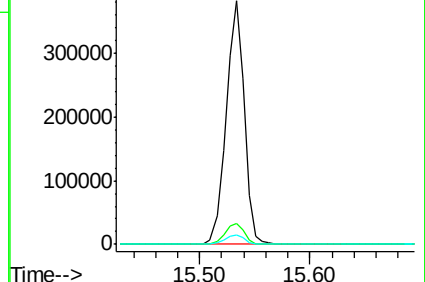
104 4.0 4.0 6.0



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.26 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BF096206.D

Acq: 25 Jun 2017 2:09

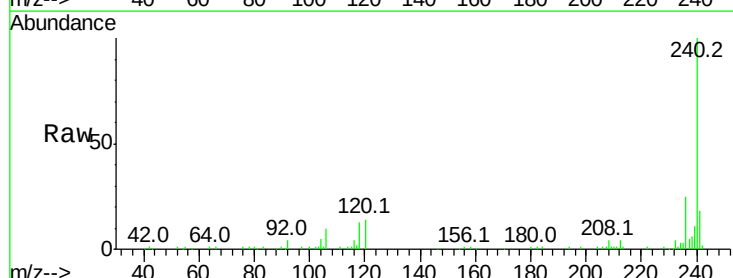
Tgt Ion:240 Resp: 119413

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

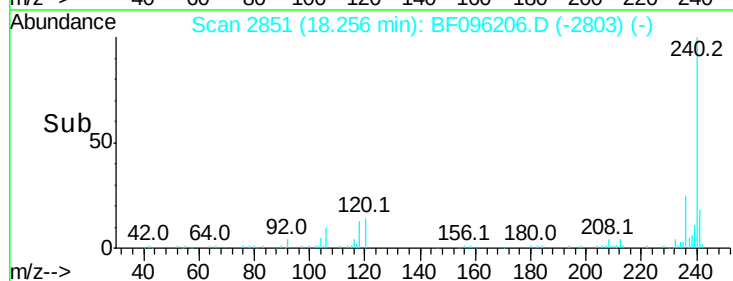
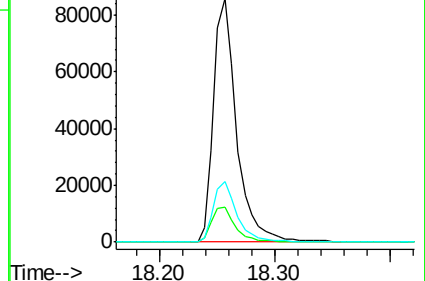
236 24.6 20.5 30.7

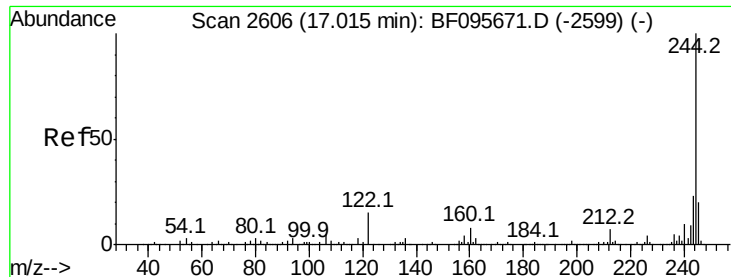


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 13.47 ng

RT: 16.90 min Scan# 2620

Delta R.T. -0.03 min

Lab File: BF096206.D

Acq: 25 Jun 2017 2:09

Instrument :

BNA_F

ClientSampleId :

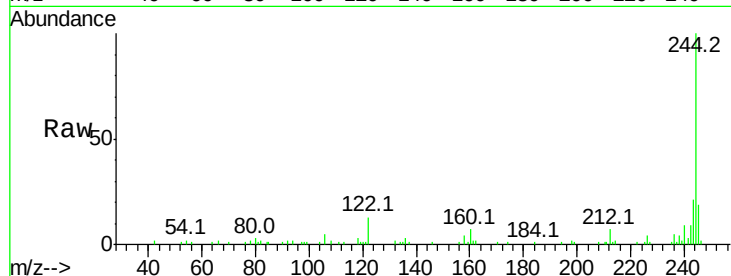
Tot Ion:244 Resp: 64801

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

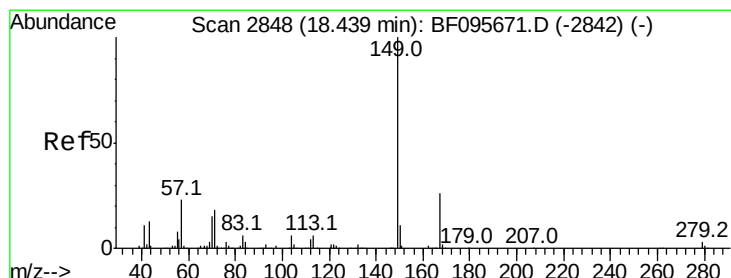
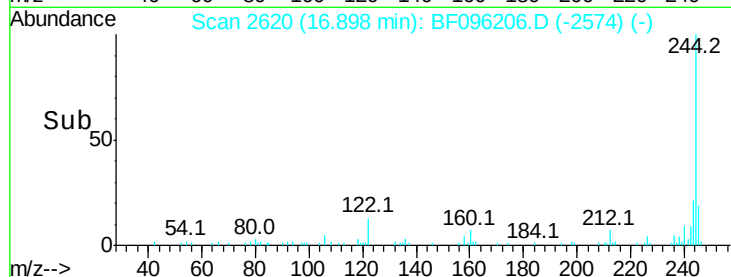
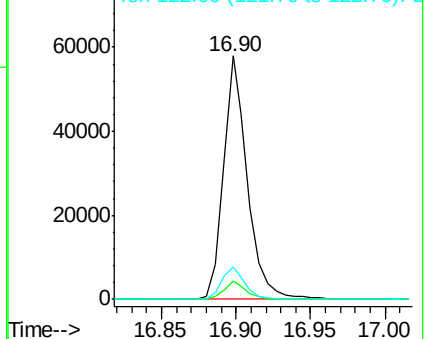
122 13.2 10.3 15.5



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: 58.77 ng

RT: 18.33 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BF096206.D

Acq: 25 Jun 2017 2:09

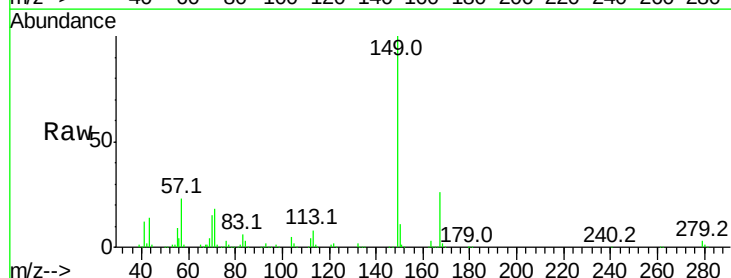
Tgt Ion:149 Resp: 322615

Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

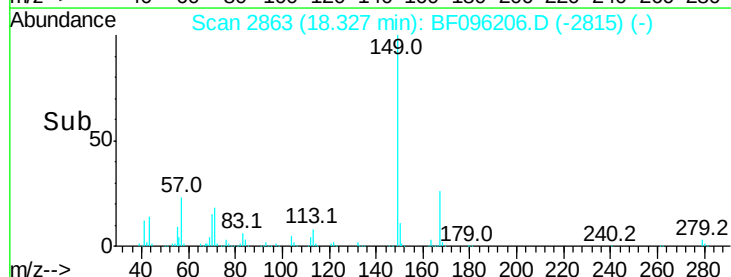
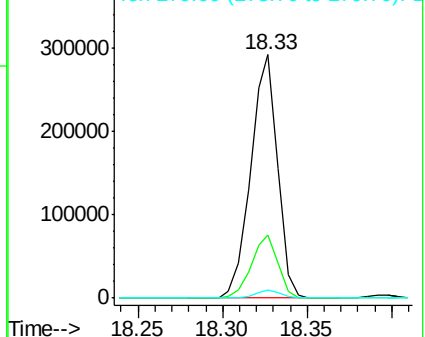
279 3.1 1.9 2.9#

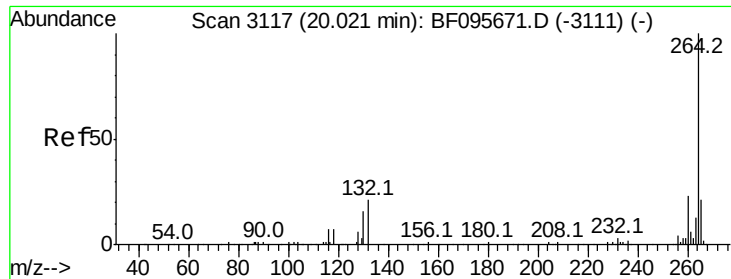


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

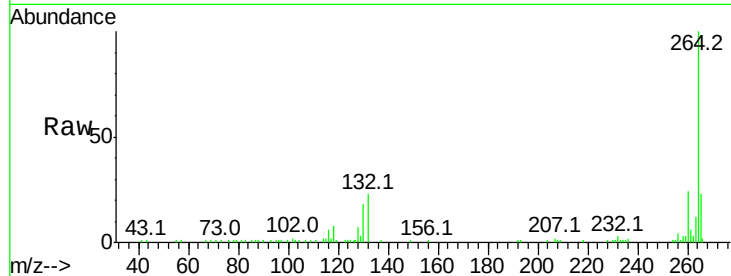




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.93 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BF096206.D
 Acq: 25 Jun 2017 2:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.8	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

