

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096120.D
 Acq On : 22 Jun 2017 14:07
 Operator : SJ/MA
 Sample : I3762-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 16:23:49 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

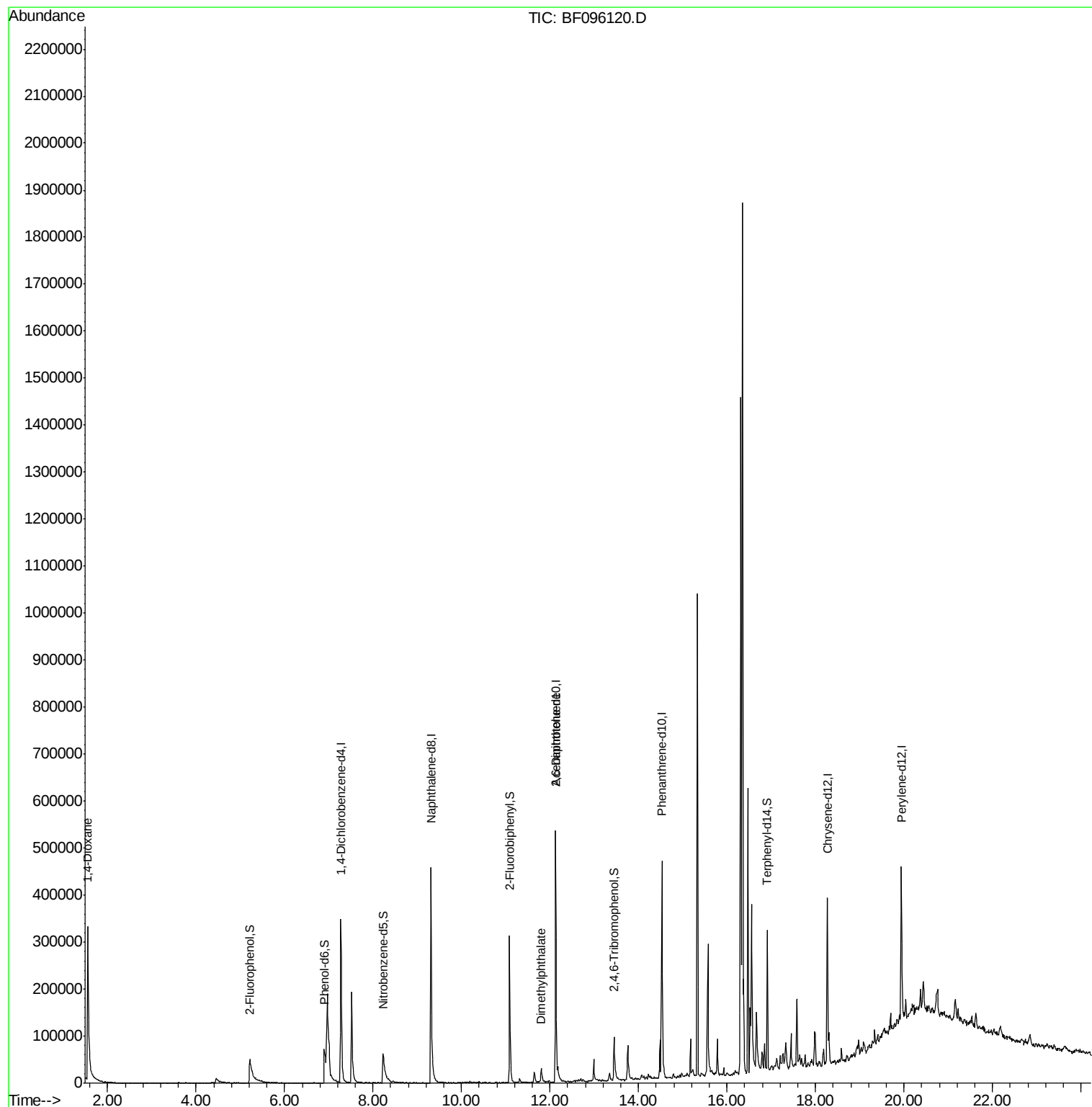
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	98530	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	404687	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	162792	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	271667	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	178668	20.00	ng	0.00
86) Perylene-d12	19.94	264	162638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	83895	13.57	ng	0.04
7) Phenol-d6	6.90	99	112547	15.20	ng	0.02
23) Nitrobenzene-d5	8.23	82	77592	11.91	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	24242	16.83	ng	0.00
44) 2-Fluorobiphenyl	11.09	172	170456	14.57	ng	-0.02
78) Terphenyl-d14	16.91	244	112011	15.56	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	18077	6.15	ng	# 22
49) Dimethylphthalate	11.80	163	28490	2.30	ng	# 98
50) 2,6-Dinitrotoluene	12.13	165	20386	7.56	ng	# 31

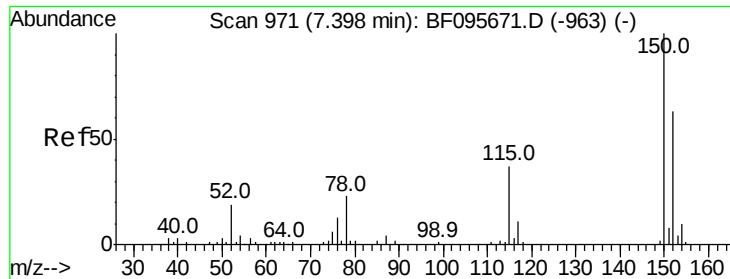
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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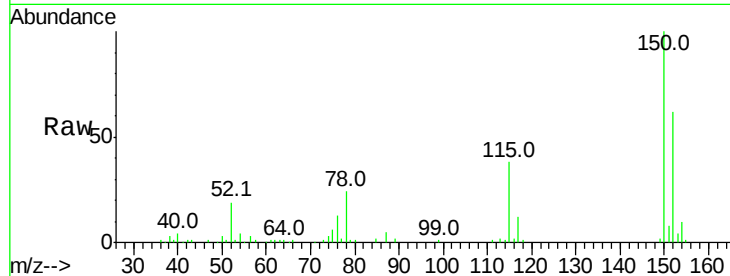


#1

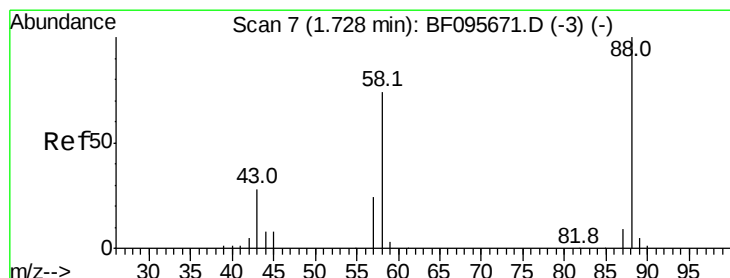
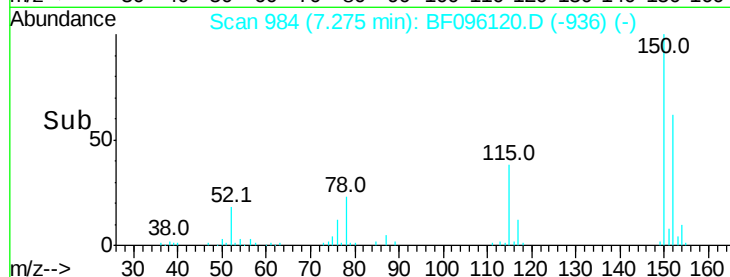
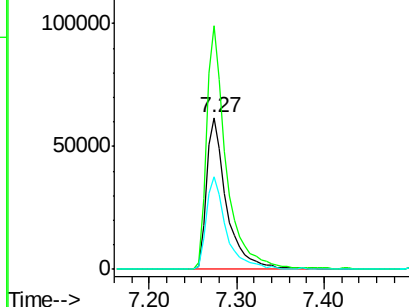
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096120.D
Acq: 22 Jun 2017 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98530
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 61.3 52.2 78.2



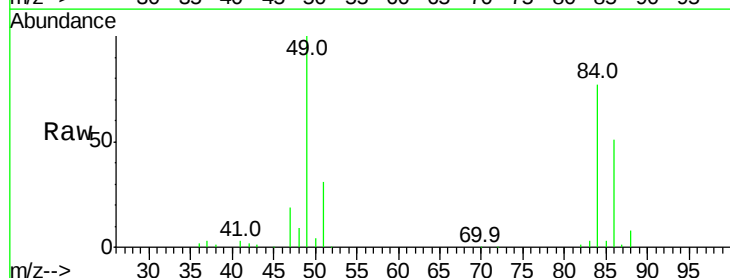
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



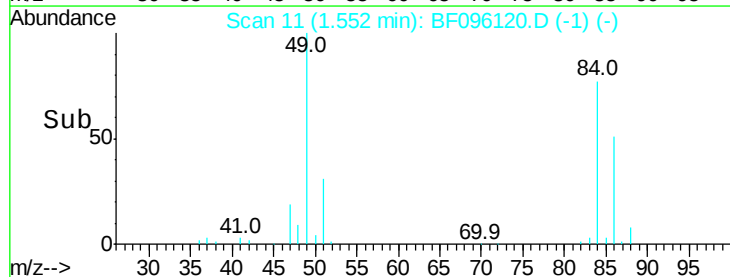
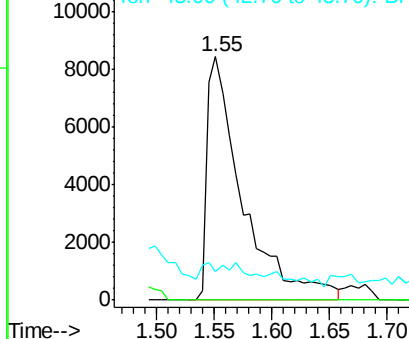
#2

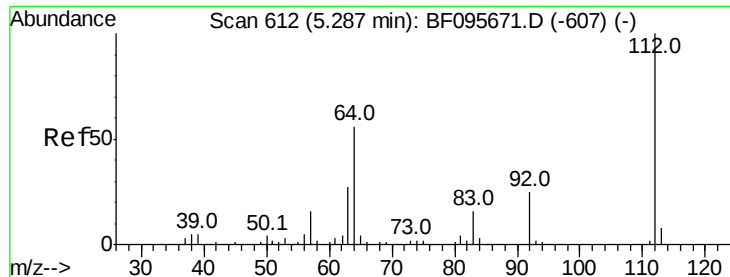
1,4-Dioxane
Concen: 6.15 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096120.D
Acq: 22 Jun 2017 14:07

Tgt Ion: 88 Resp: 18077
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 2.4 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

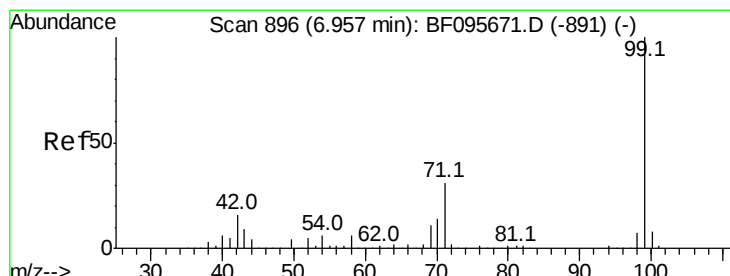
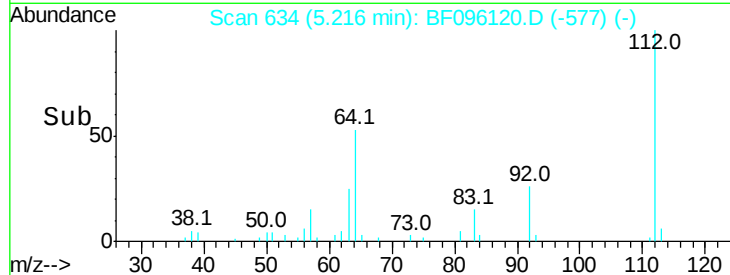
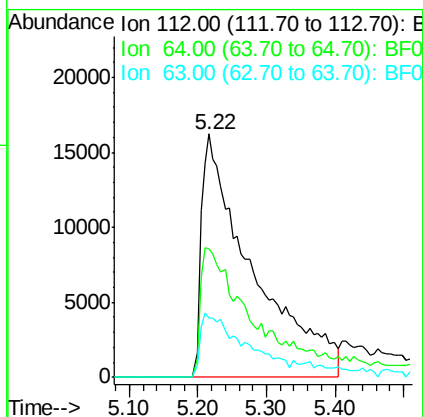
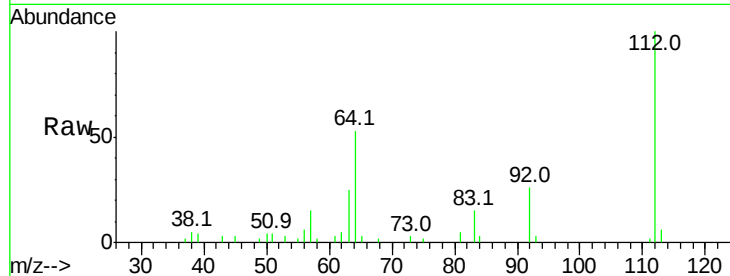




#5
 2-Fluorophenol
 Concen: 13.57 ng
 RT: 5.22 min Scan# 634
 Delta R.T. 0.04 min
 Lab File: BF096120.D
 Acq: 22 Jun 2017 14:07

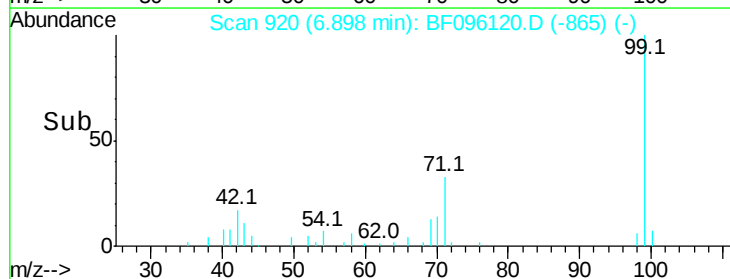
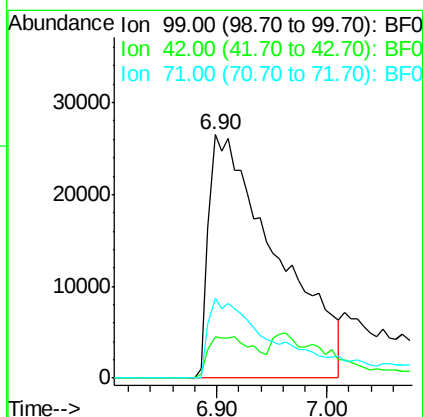
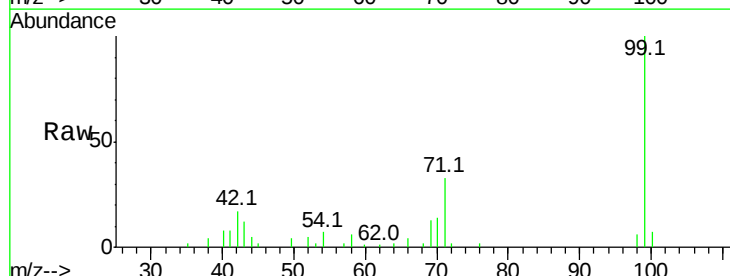
Instrument :
 BNA_F
 ClientSampled :

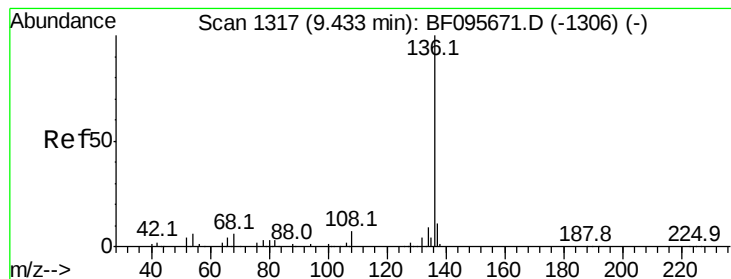
Tot Ion:	112	Resp:	83895
Ion	Ratio	Lower	Upper
112	100		
64	52.6	46.0	69.0
63	24.5	23.4	35.0



#7
 Phenol-d6
 Concen: 15.20 ng
 RT: 6.90 min Scan# 920
 Delta R.T. 0.02 min
 Lab File: BF096120.D
 Acq: 22 Jun 2017 14:07

Tgt Ion:	99	Resp:	112547
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	32.9	24.5	36.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096120.D

Acq: 22 Jun 2017 14:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 404687

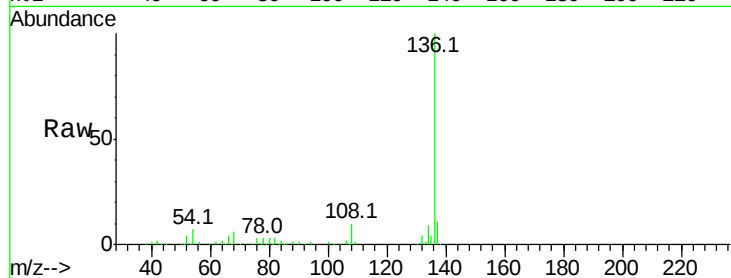
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 6.1 4.1 6.1#

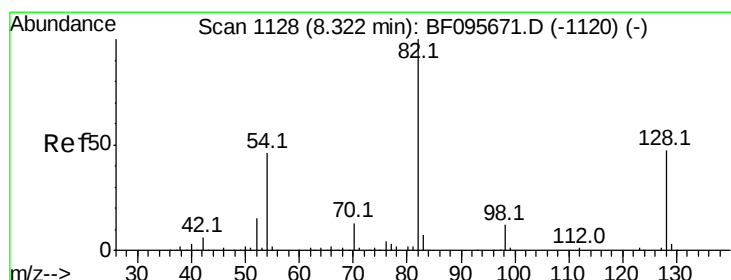
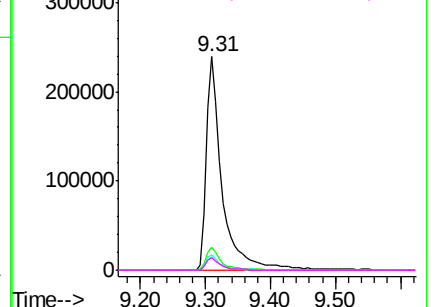
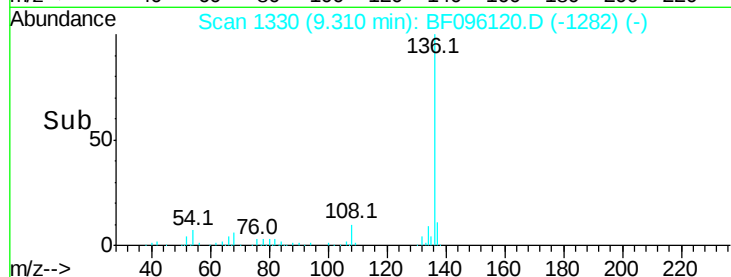


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.91 ng

RT: 8.23 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF096120.D

Acq: 22 Jun 2017 14:07

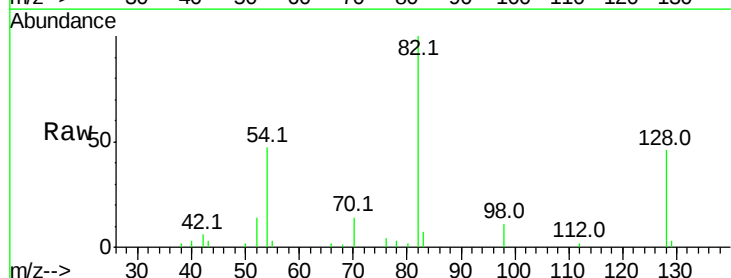
Tgt Ion: 82 Resp: 77592

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

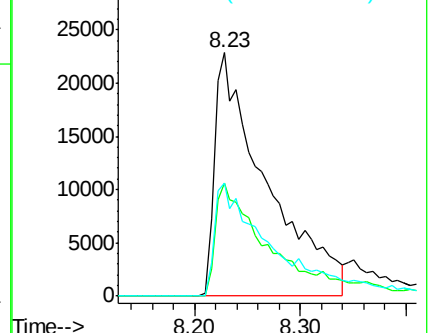
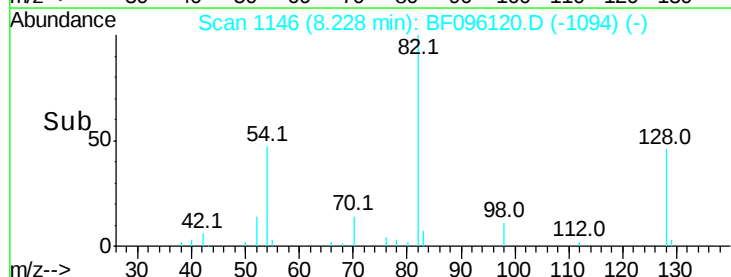
54 46.6 42.2 63.2

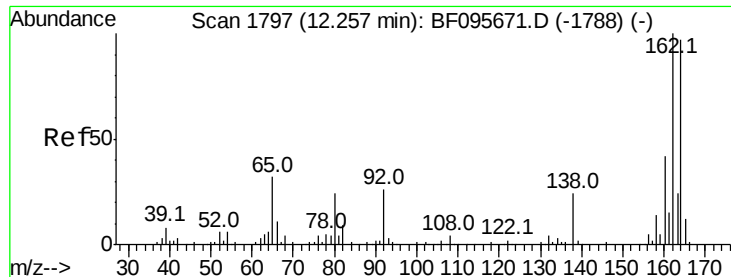


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.13 min Scan# 1809

Delta R.T. -0.02 min

Lab File: BF096120.D

Acq: 22 Jun 2017 14:07

Instrument :

BNA_F

ClientSampleId :

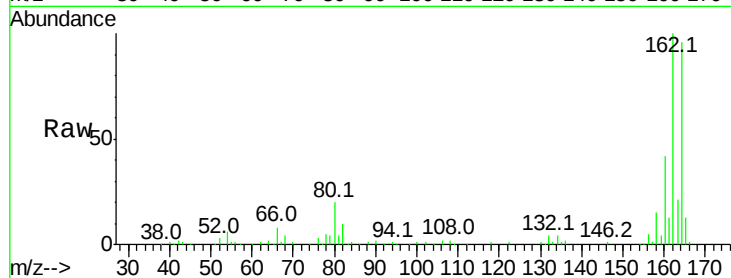
Tot Ion:164 Resp: 162792

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

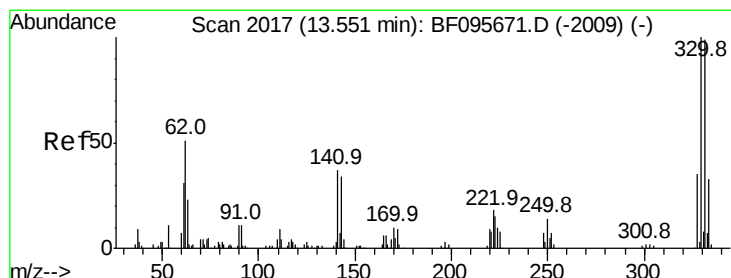
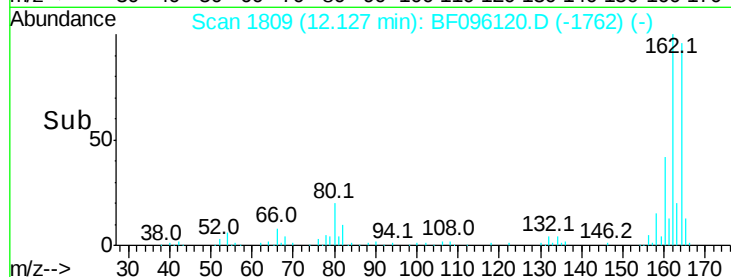
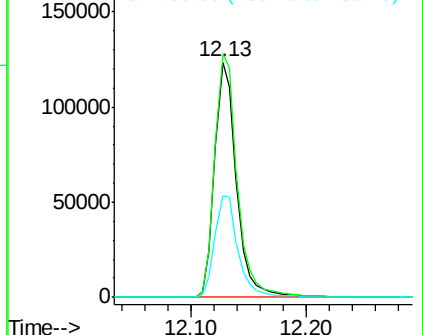
160 43.3 36.2 54.2



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: 16.83 ng

RT: 13.44 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF096120.D

Acq: 22 Jun 2017 14:07

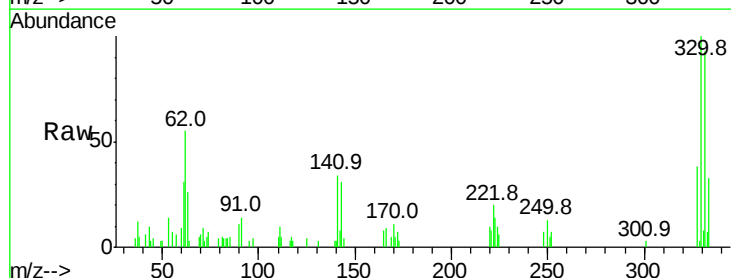
Tgt Ion:330 Resp: 24242

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

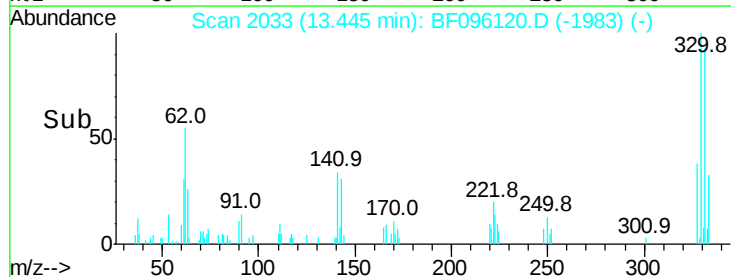
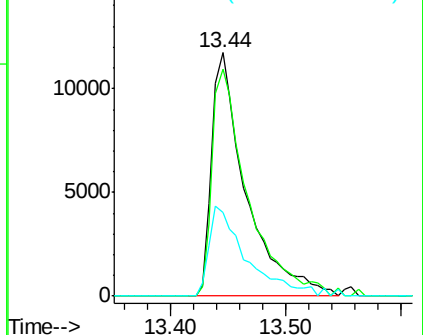
141 39.8 31.4 47.2

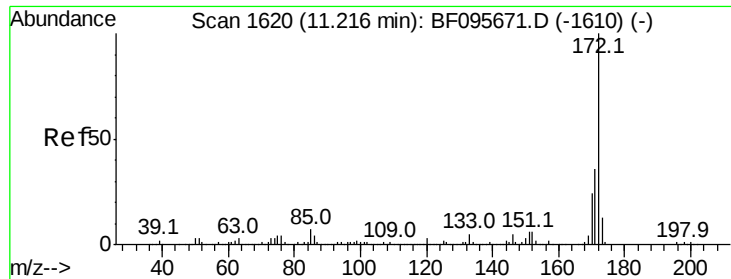


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

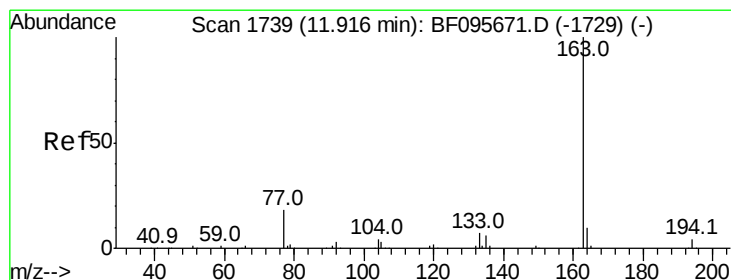
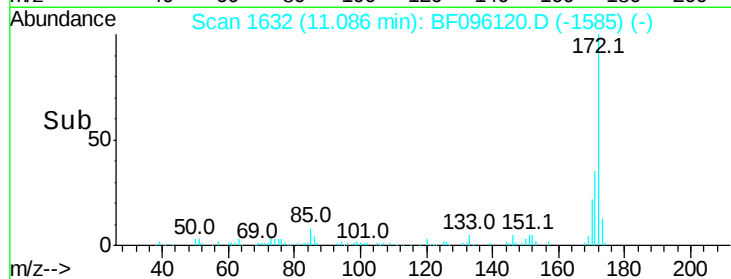
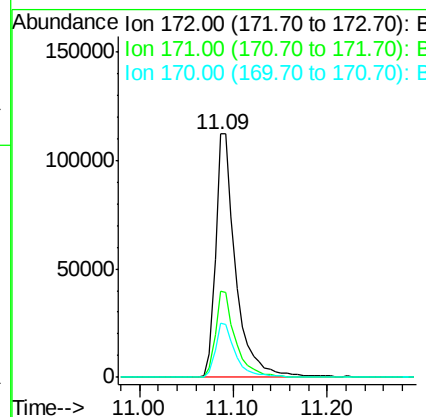
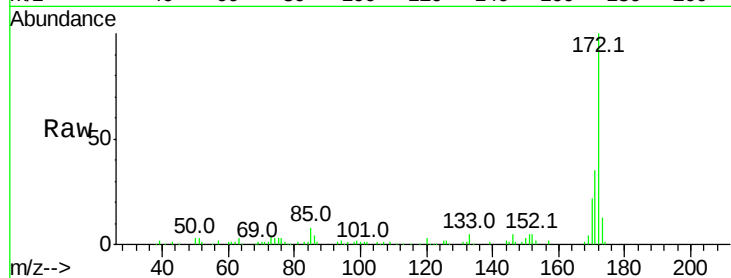




#44
2-Fluorobiphenyl
Concen: 14.57 ng
RT: 11.09 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF096120.D
Acq: 22 Jun 2017 14:07

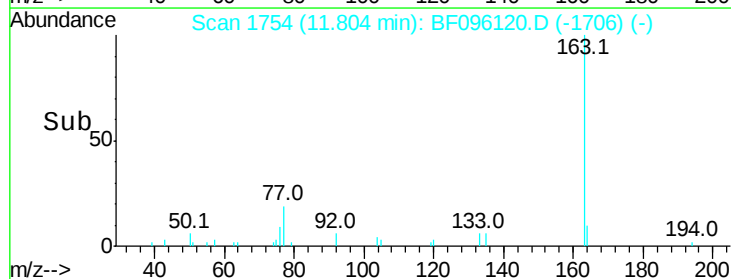
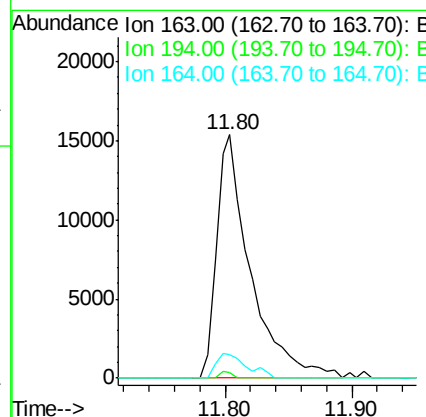
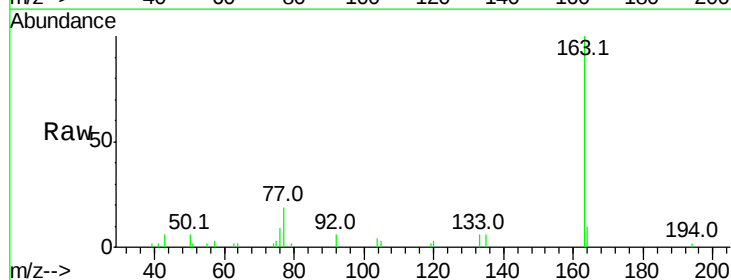
Instrument :
BNA_F
ClientSampleId :

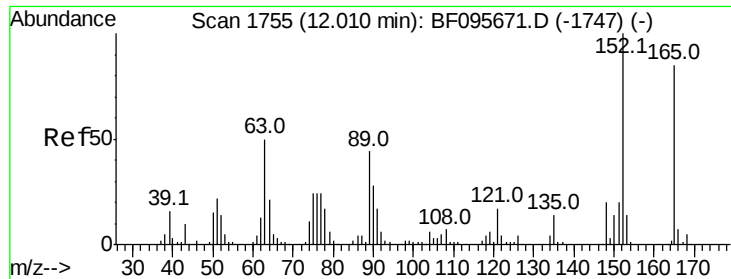
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.1	19.8	29.8



#49
Dimethylphthalate
Concen: 2.30 ng
RT: 11.80 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096120.D
Acq: 22 Jun 2017 14:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.1	2.6	4.0#
164	9.8	8.4	12.6

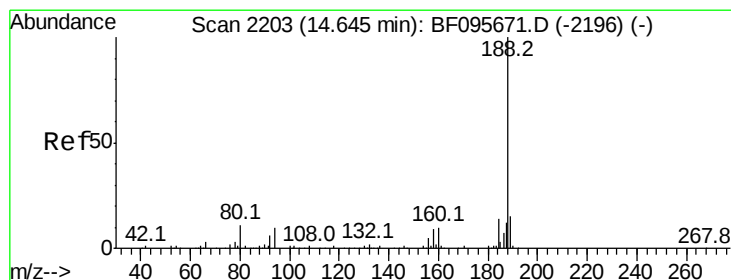
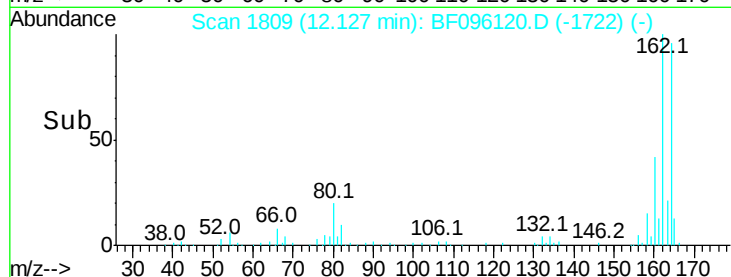
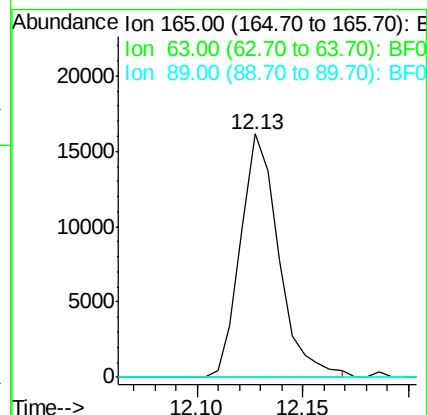
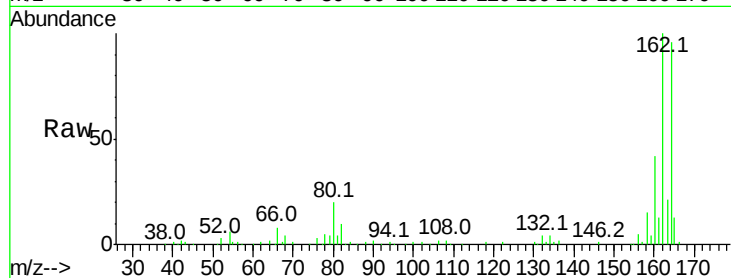




#50
 2,6-Dinitrotoluene
 Concen: 7.56 ng
 RT: 12.13 min Scan# 1809
 Delta R.T. 0.21 min
 Lab File: BF096120.D
 Acq: 22 Jun 2017 14:07

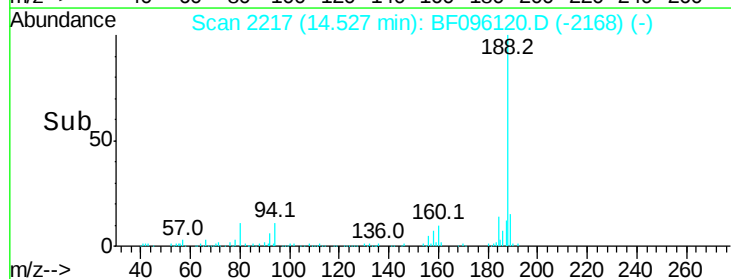
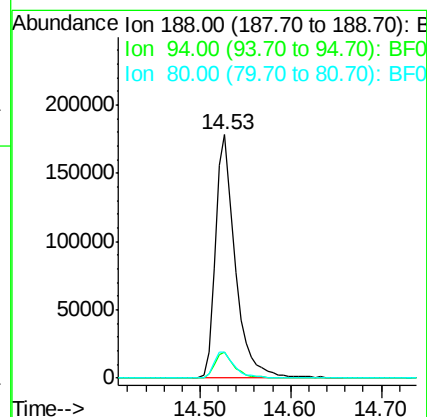
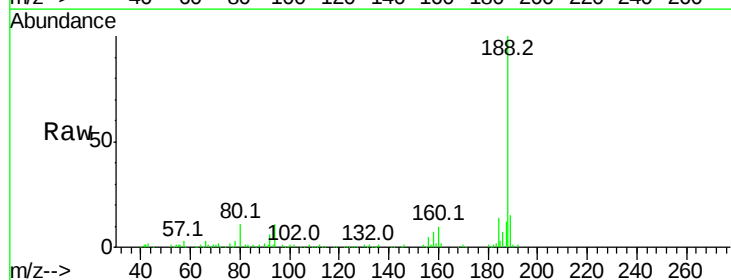
Instrument :
 BNA_F
 ClientSampleId :

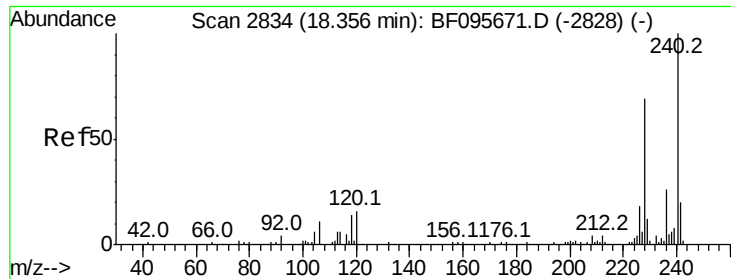
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.53 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF096120.D
 Acq: 22 Jun 2017 14:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.8	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096120.D

Acq: 22 Jun 2017 14:07

Instrument :

BNA_F

ClientSampleId :

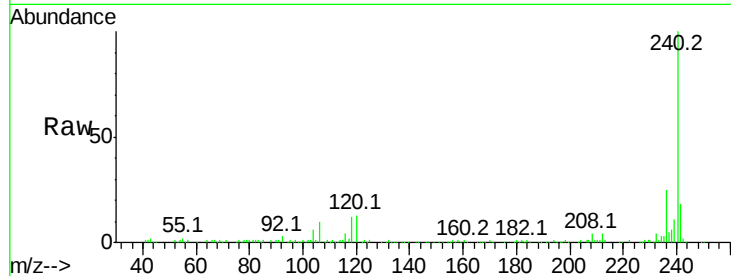
Tot Ion:240 Resp: 178668

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

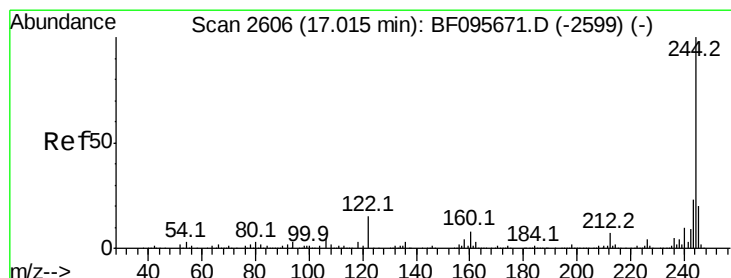
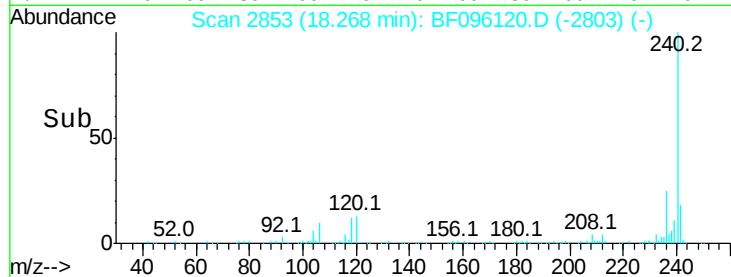
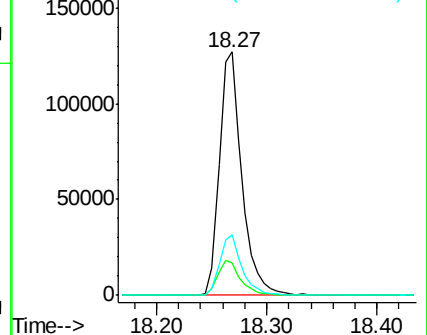
236 24.6 20.5 30.7



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: 15.56 ng

RT: 16.91 min Scan# 2622

Delta R.T. -0.02 min

Lab File: BF096120.D

Acq: 22 Jun 2017 14:07

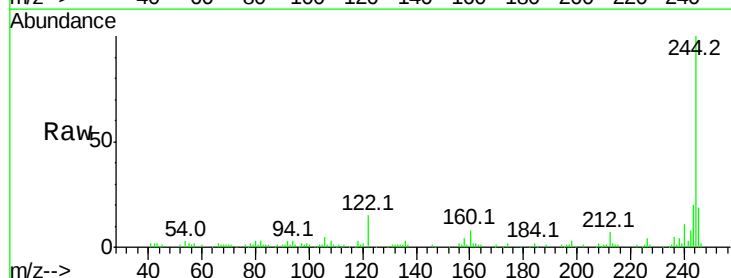
Tgt Ion:244 Resp: 112011

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

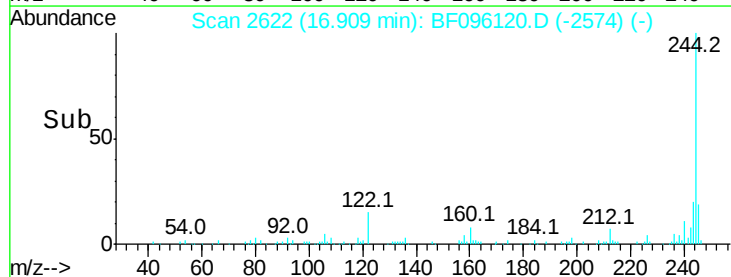
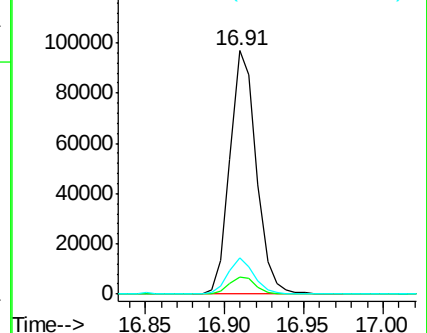
122 15.0 10.3 15.5

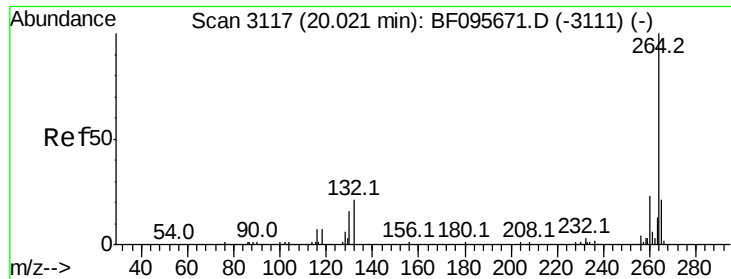


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

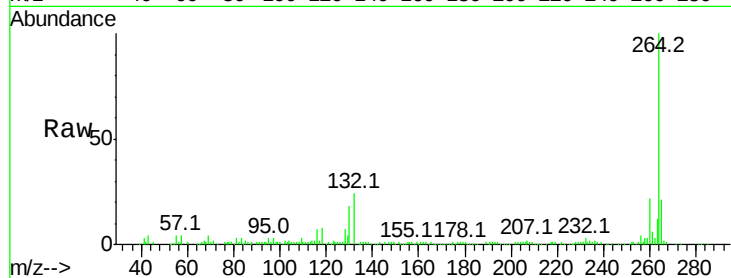




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BF096120.D
Acq: 22 Jun 2017 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	21.2	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

