

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096071.D
 Acq On : 21 Jun 2017 7:17
 Operator : SJ/MA
 Sample : I3722-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 08:23:57 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

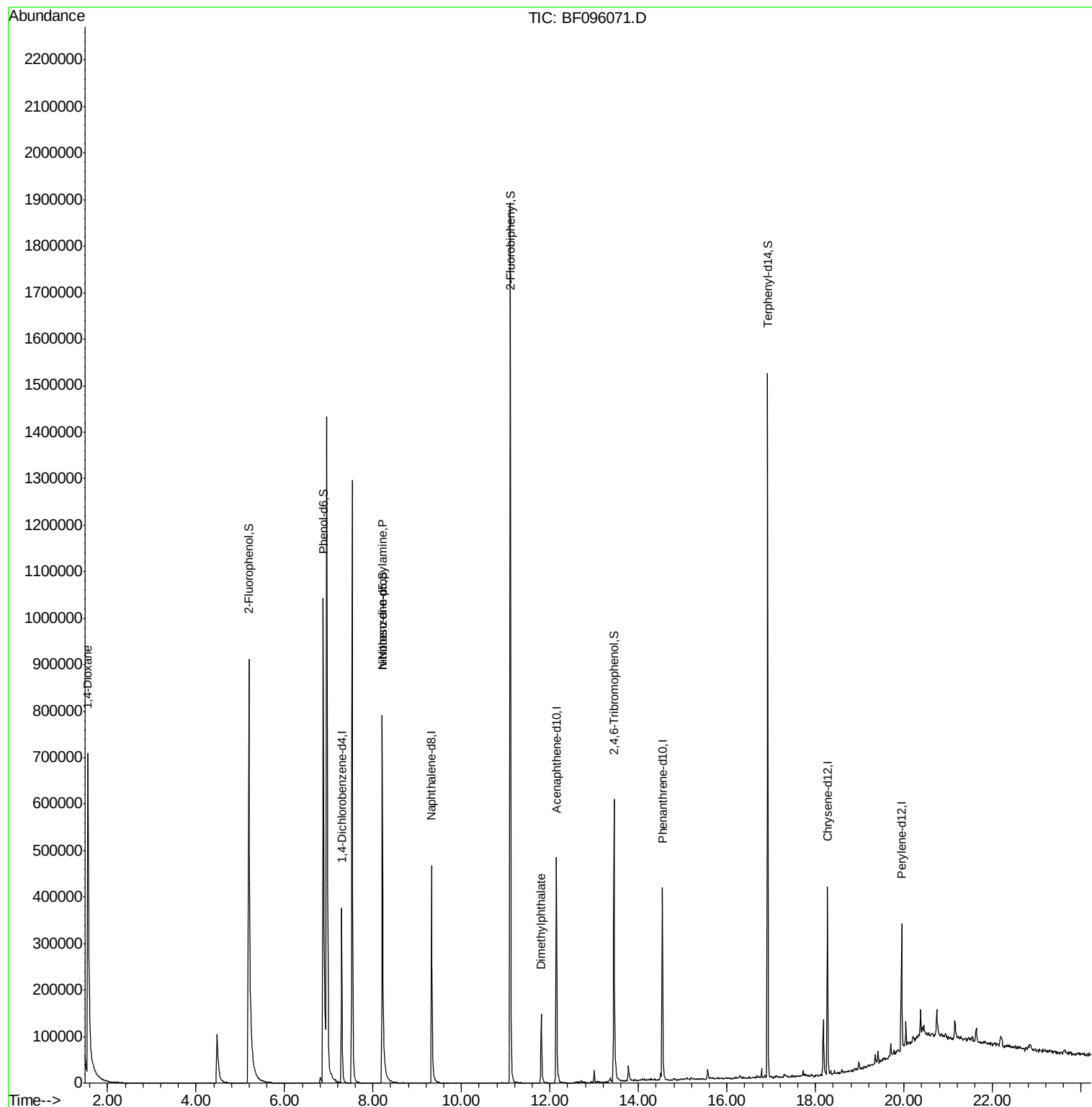
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	93287	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	372752	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	145345	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	227163	20.00	ng	0.00
75) Chrysene-d12	18.27	240	172349	20.00	ng	0.00
86) Perylene-d12	19.94	264	124453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	683469	116.74	ng	0.01
7) Phenol-d6	6.87	99	835089	119.15	ng	0.00
23) Nitrobenzene-d5	8.21	82	475566	79.23	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	116769	90.80	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	878974	84.16	ng	0.00
78) Terphenyl-d14	16.92	244	591811	85.22	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.56	88	38000	13.64	ng	# 21
19) n-Nitroso-di-n-propylamine	8.21	70	58152	13.09	ng	# 76
49) Dimethylphthalate	11.80	163	112601	10.20	ng	99

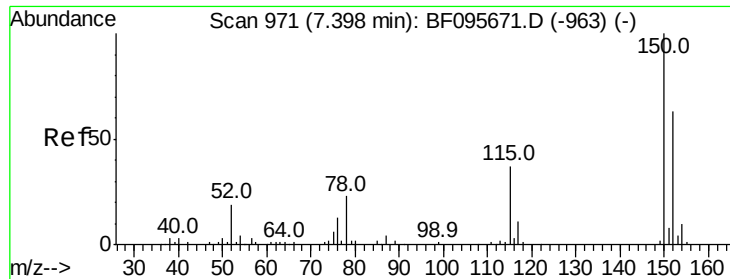
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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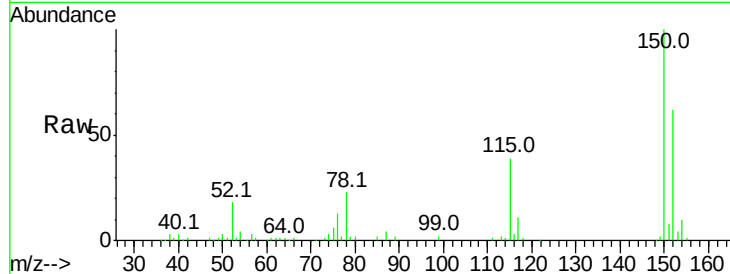


#1

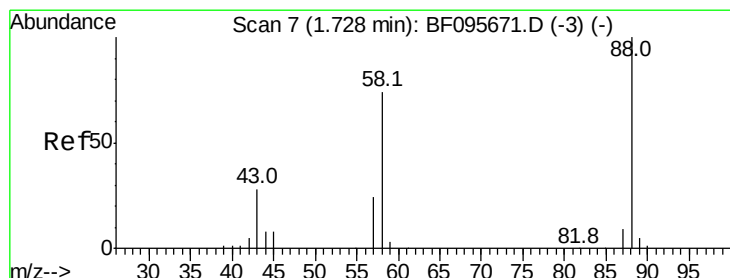
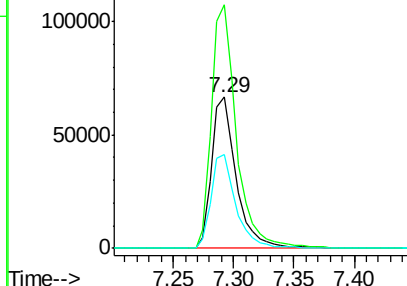
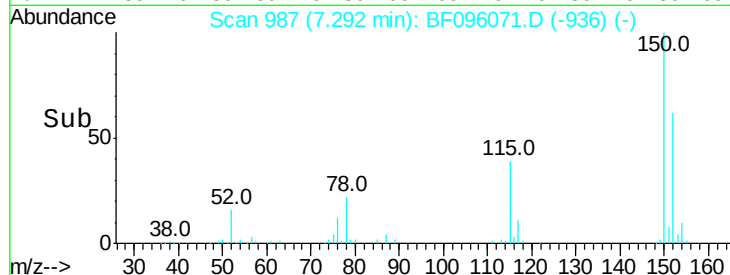
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096071.D
Acq: 21 Jun 2017 7:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.2	189.2
115	62.4	52.2	78.2



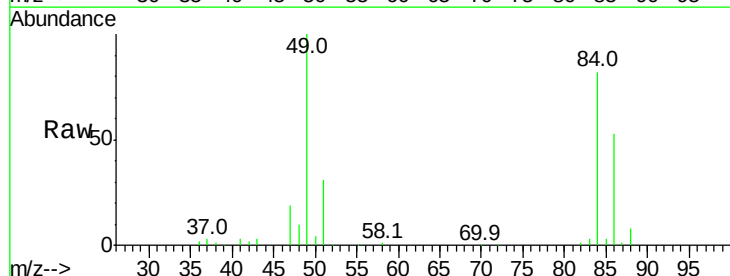
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



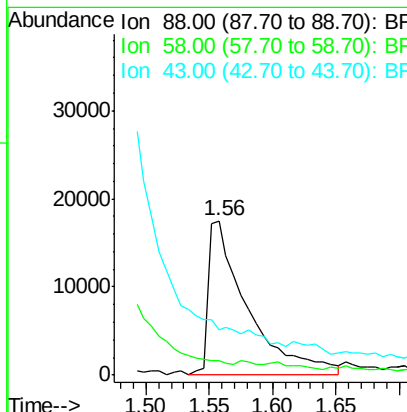
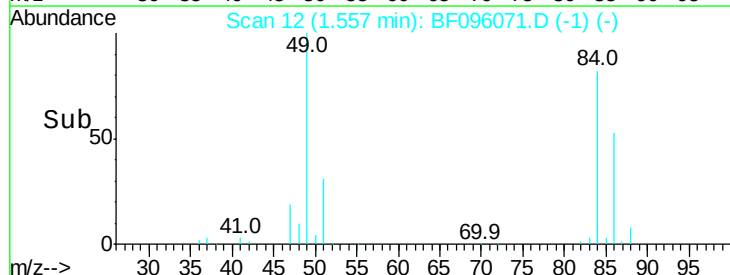
#2

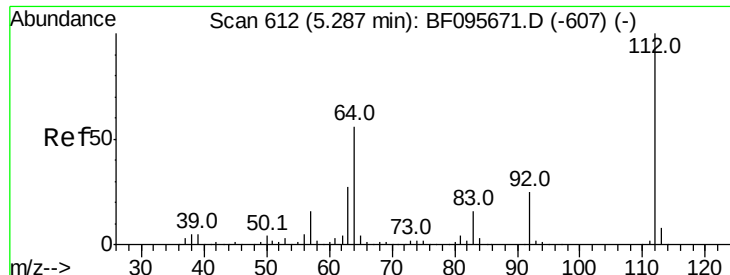
1,4-Dioxane
Concen: 13.64 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096071.D
Acq: 21 Jun 2017 7:17

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: 116.74 ng

RT: 5.19 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF096071.D

Acq: 21 Jun 2017 7:17

Instrument :

BNA_F

ClientSampled :

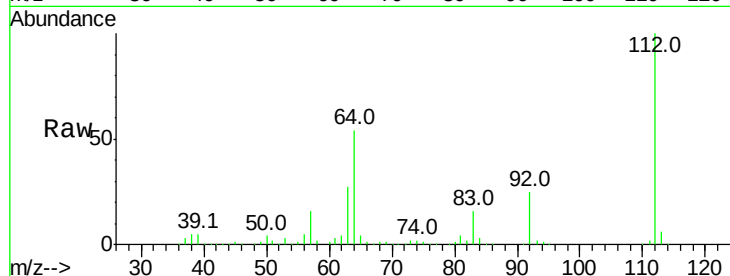
Tot Ion:112 Resp: 683469

Ion Ratio Lower Upper

112 100

64 54.1 46.0 69.0

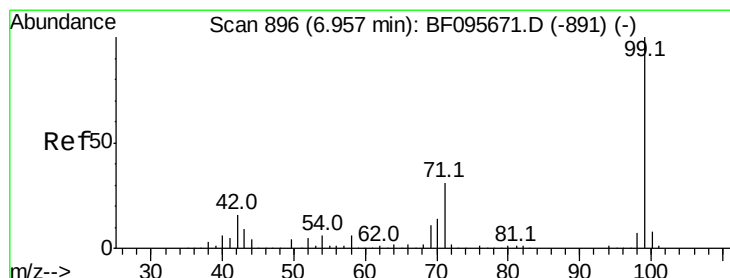
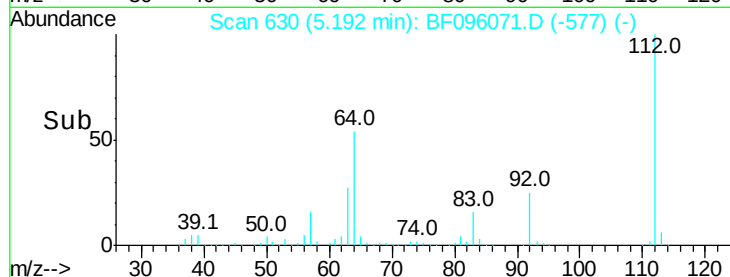
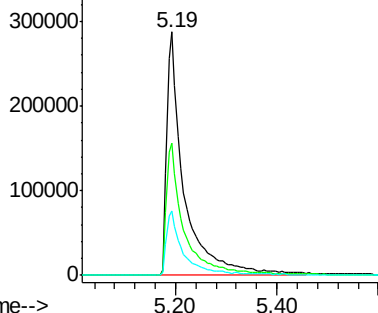
63 26.5 23.4 35.0



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: 119.15 ng

RT: 6.87 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF096071.D

Acq: 21 Jun 2017 7:17

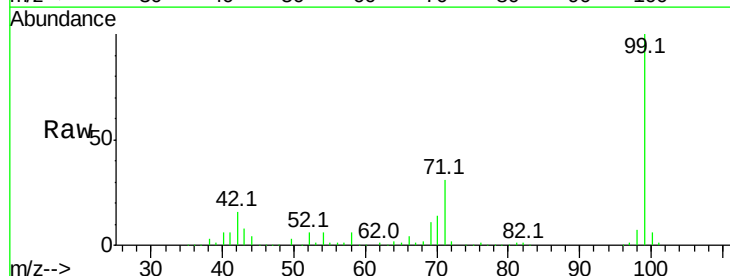
Tgt Ion: 99 Resp: 835089

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

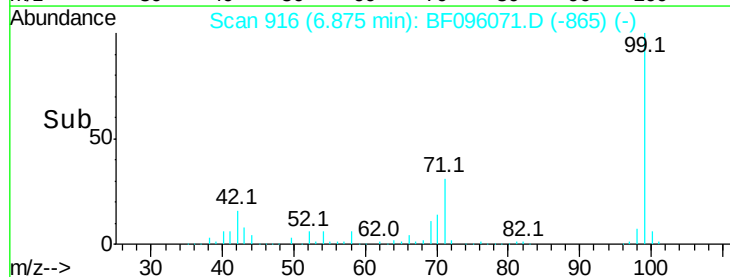
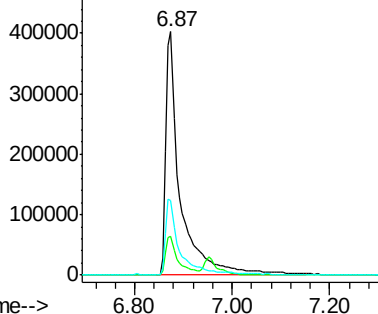
71 30.6 24.5 36.7

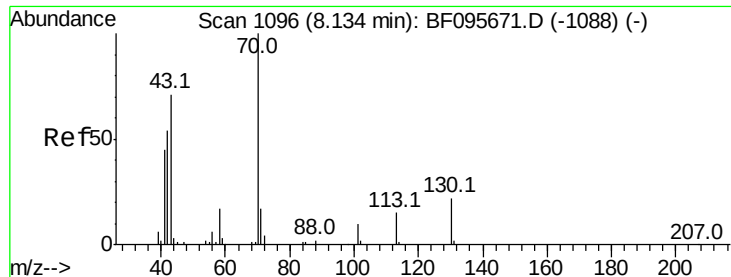


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

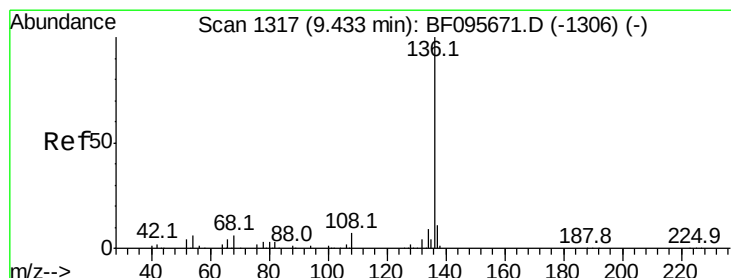
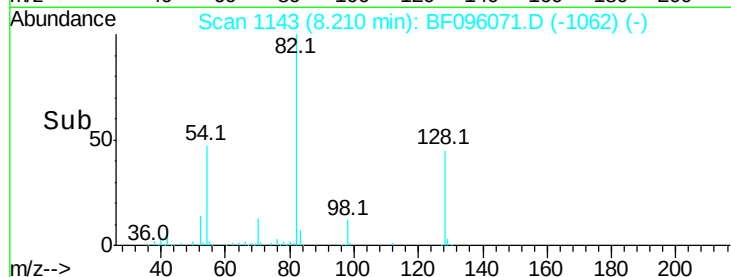
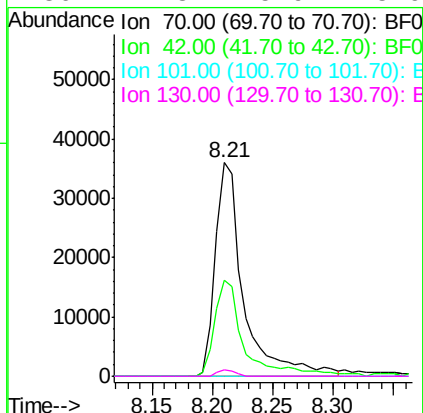
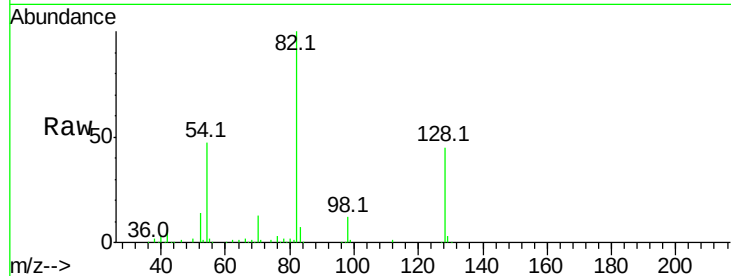




#19
n-Nitroso-di-n-propylamine
Concen: 13.09 ng
RT: 8.21 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF096071.D
Acq: 21 Jun 2017 7:17

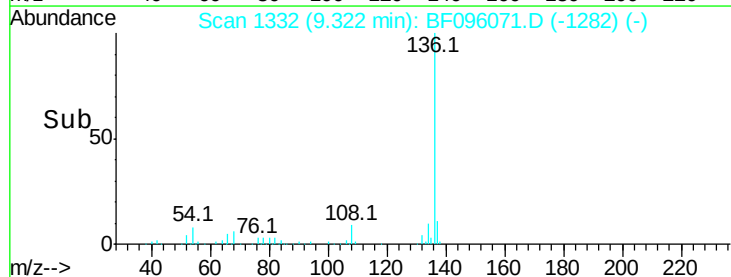
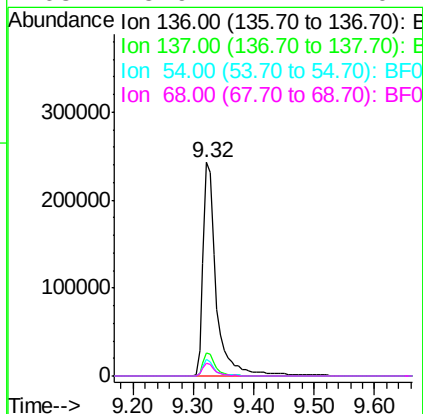
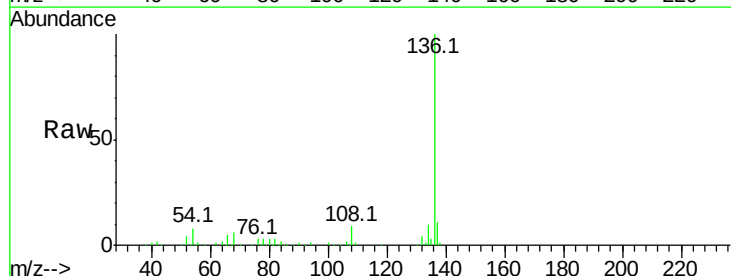
Instrument :
BNA_F
ClientSampleId :

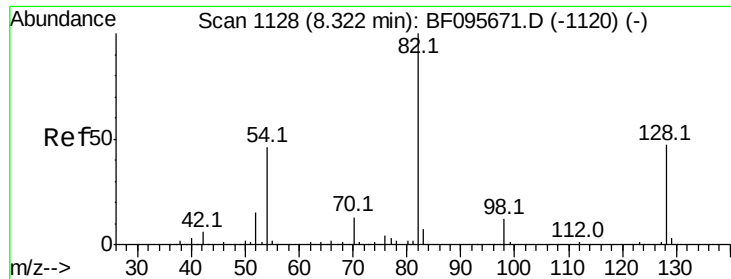
Tot Ion: 70 Resp: 58152
Ion Ratio Lower Upper
70 100
42 44.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096071.D
Acq: 21 Jun 2017 7:17

Tgt Ion:136 Resp: 372752
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.6 4.9 7.3#
68 5.9 4.1 6.1

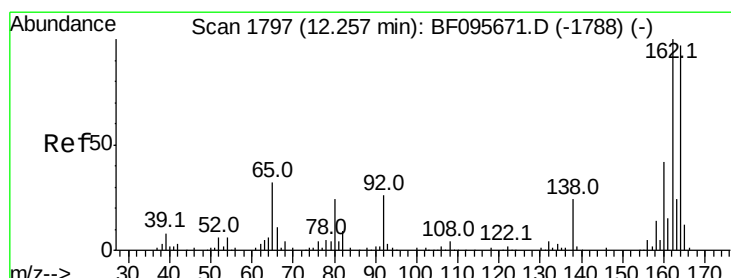
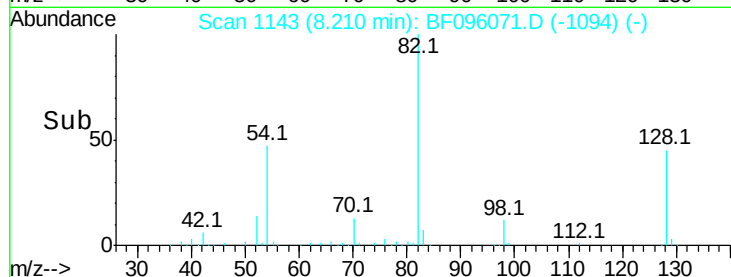
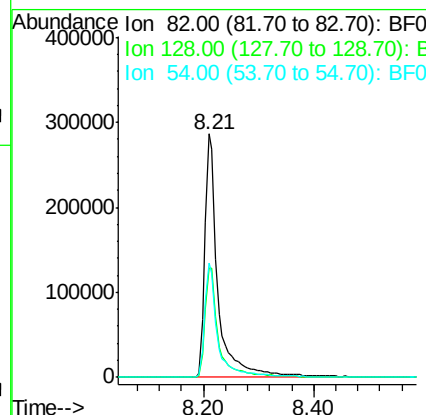
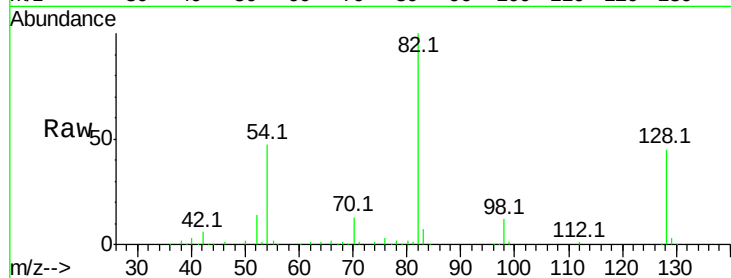




#23
 Nitrobenzene-d5
 Concen: 79.23 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096071.D
 Acq: 21 Jun 2017 7:17

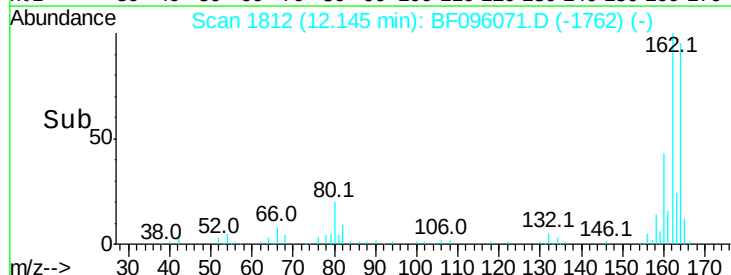
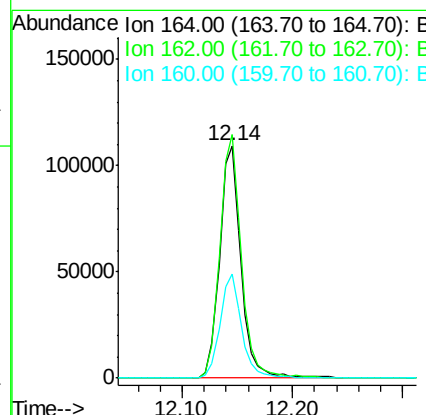
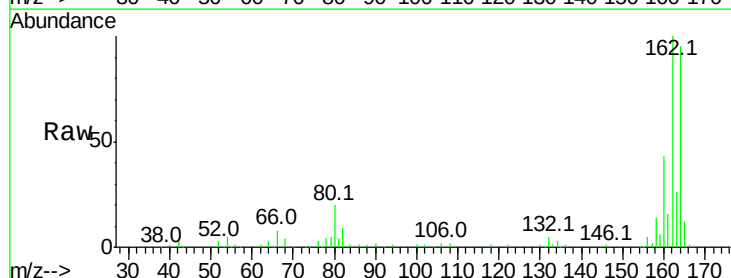
Instrument :
 BNA_F
 ClientSampleId :

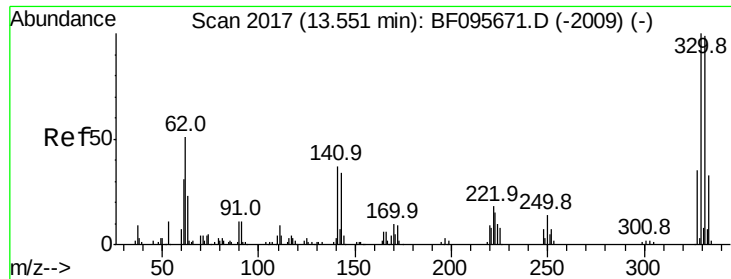
Tot Ion: 82 Resp: 475566
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.0 51.0
 54 47.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF096071.D
 Acq: 21 Jun 2017 7:17

Tgt Ion:164 Resp: 145345
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 44.7 36.2 54.2

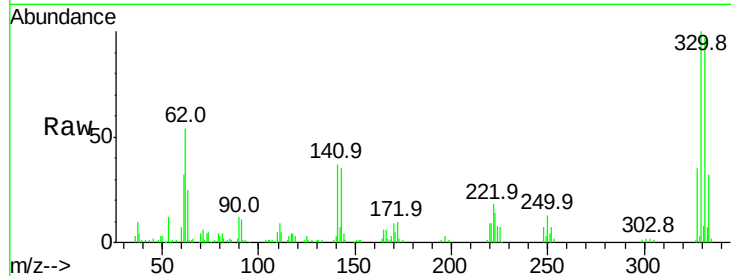




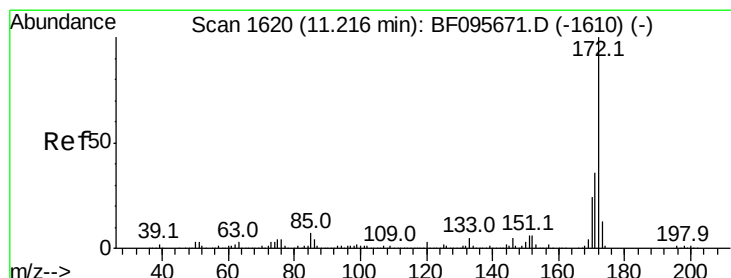
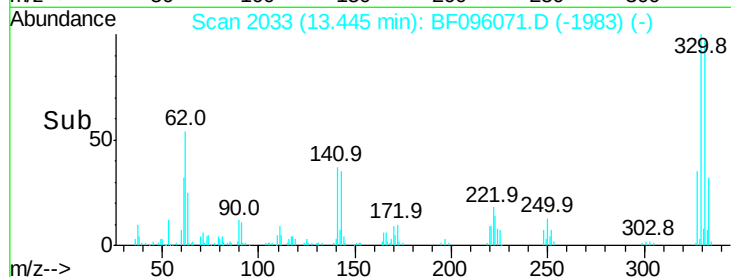
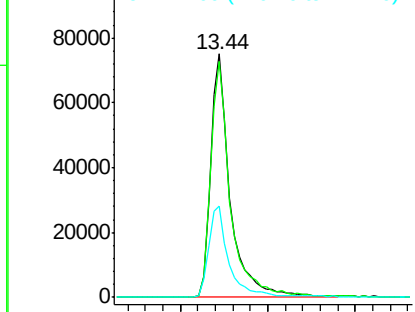
#41
 2,4,6-Tribromophenol
 Concen: 90.80 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096071.D
 Acq: 21 Jun 2017 7:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 116769
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 115.0
 141 38.5 31.4 47.2

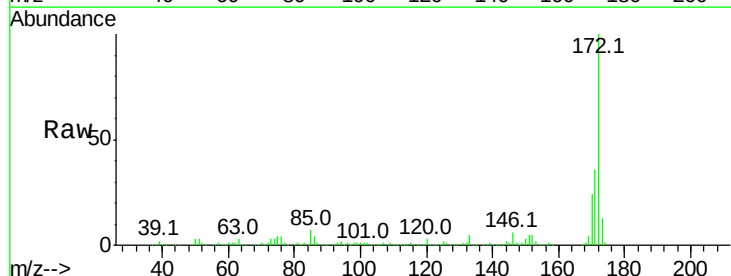


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

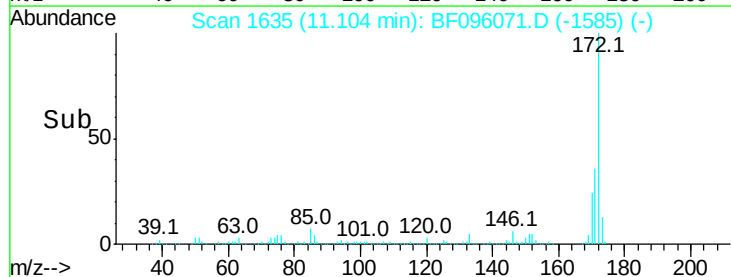
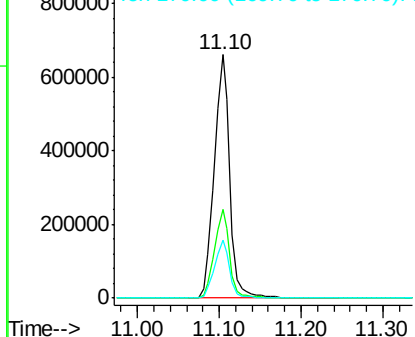


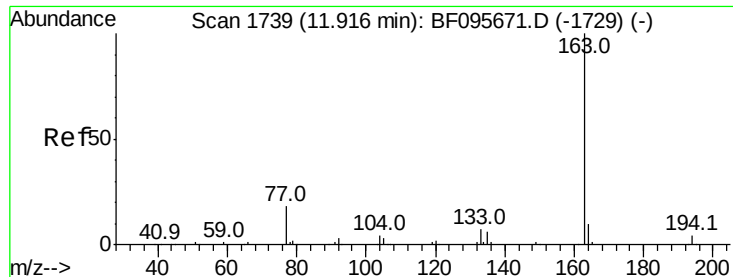
#44
 2-Fluorobiphenyl
 Concen: 84.16 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096071.D
 Acq: 21 Jun 2017 7:17

Tgt Ion:172 Resp: 878974
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.7 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





#49

Dimethylphthalate

Concen: 10.20 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096071.D

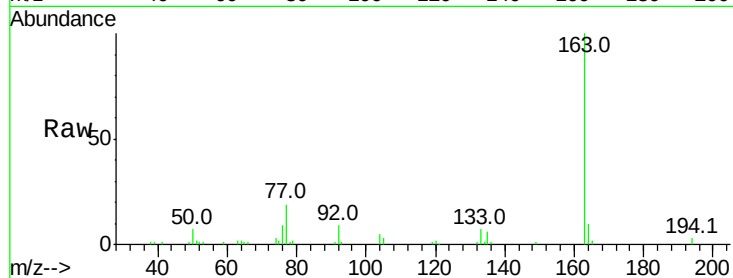
Acq: 21 Jun 2017 7:17

Instrument :

BNA_F

ClientSampleId :

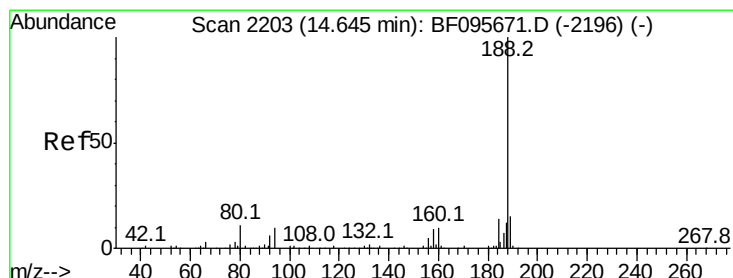
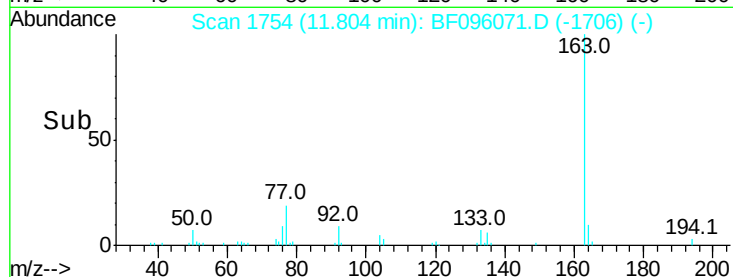
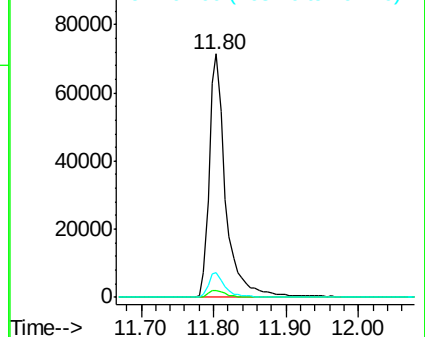
Tot Ion:163	Resp:	112601
Ion Ratio	Lower	Upper
163	100	
194	3.0	2.6 4.0
164	10.1	8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

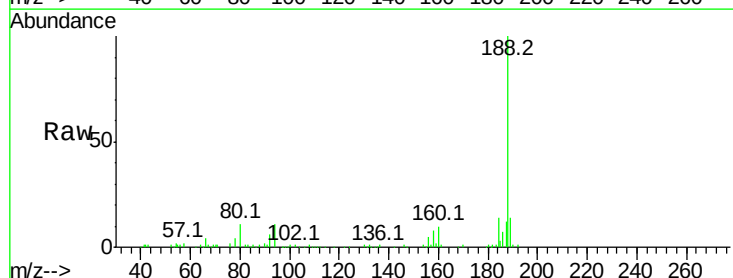
RT: 14.54 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF096071.D

Acq: 21 Jun 2017 7:17

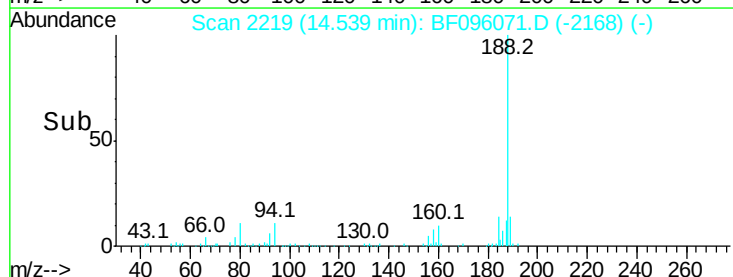
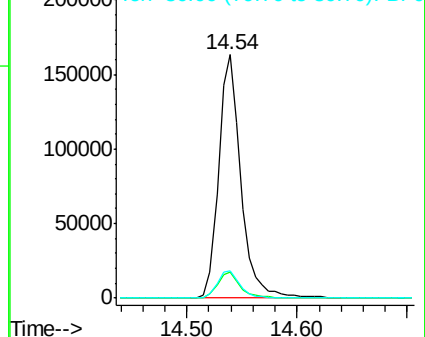
Tgt Ion:188	Resp:	227163
Ion Ratio	Lower	Upper
188	100	
94	10.7	9.4 14.2
80	11.2	10.2 15.2

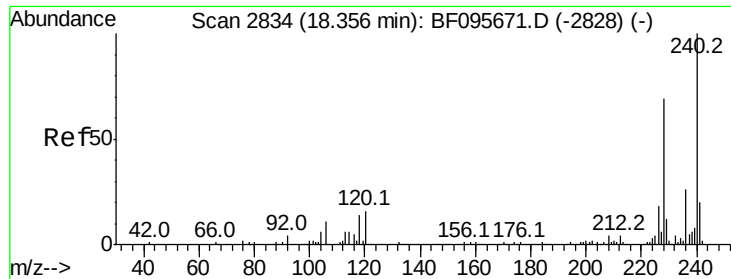


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

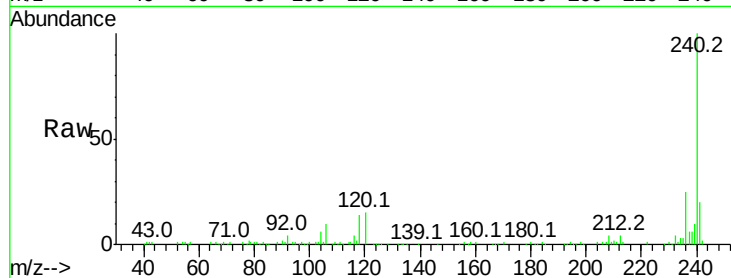




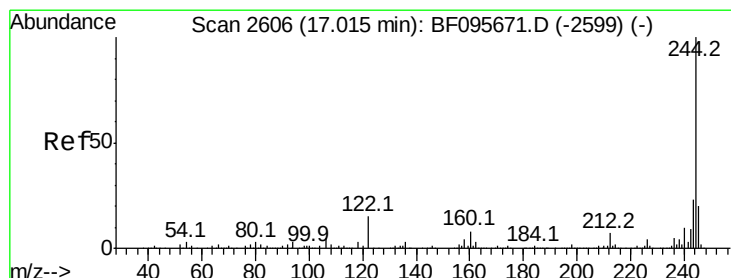
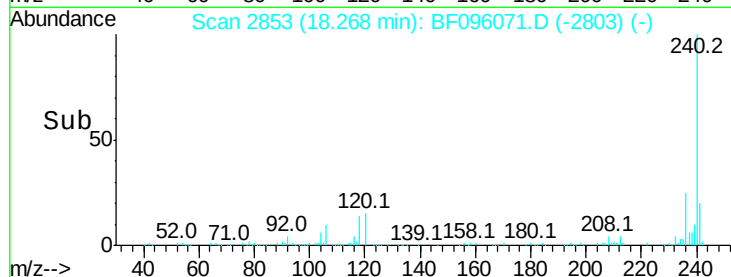
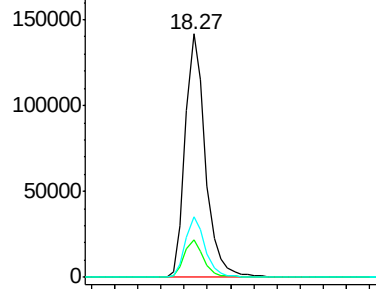
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096071.D
 Acq: 21 Jun 2017 7:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 172349
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.8 8.8#
 236 25.0 20.5 30.7

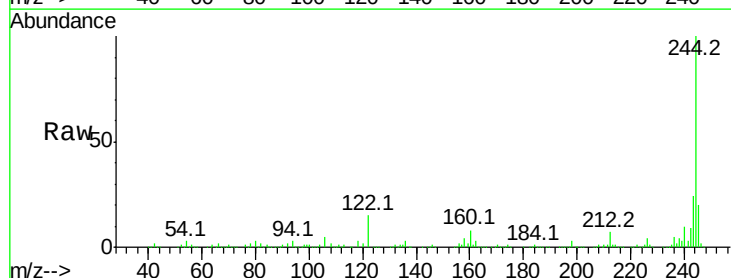


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

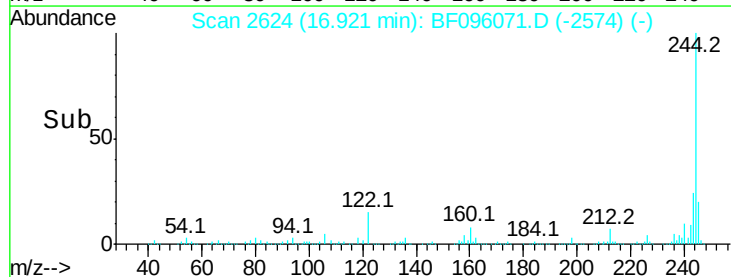
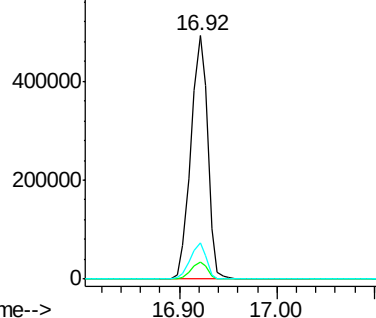


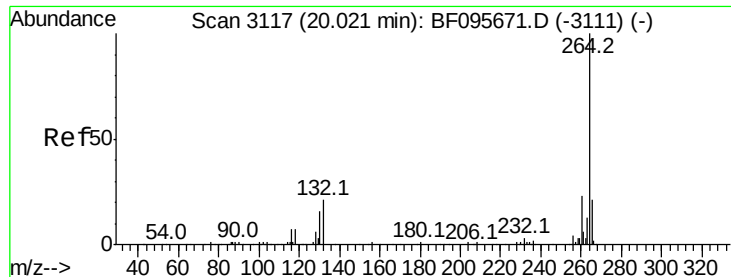
#78
 Terphenyl-d14
 Concen: 85.22 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096071.D
 Acq: 21 Jun 2017 7:17

Tgt Ion:244 Resp: 591811
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.7 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

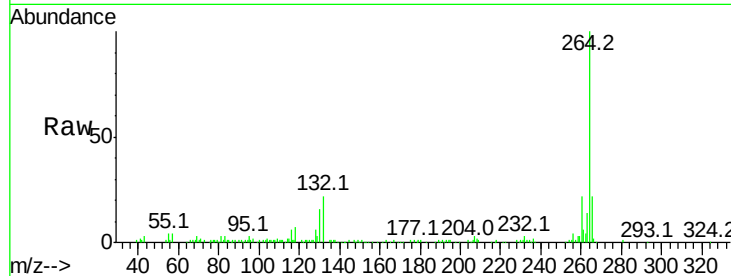




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096071.D
Acq: 21 Jun 2017 7:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.5	29.3
265	22.2	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

