

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095877.D
 Acq On : 12 Jun 2017 17:56
 Operator : SJ/MA
 Sample : I3583-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:32:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

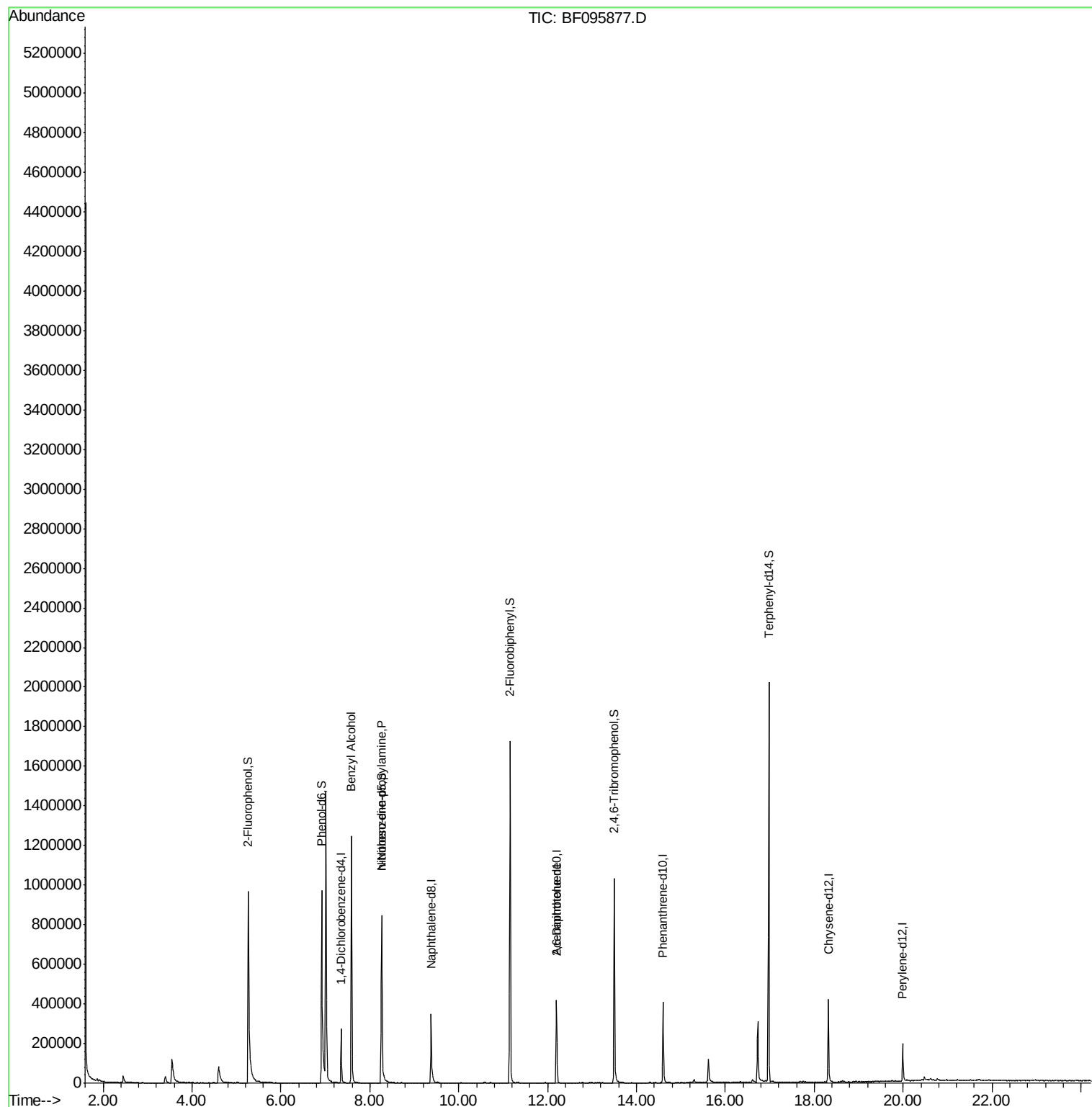
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66502	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	273743	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	129447	20.00	ng	-0.06
63) Phenanthrene-d10	14.59	188	248993	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	199590	20.00	ng	-0.04
86) Perylene-d12	19.99	264	92751	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	604756	144.91	ng	-0.02
7) Phenol-d6	6.92	99	689383	137.98	ng	-0.04
23) Nitrobenzene-d5	8.27	82	467184	105.99	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	189377	165.35	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	932198	100.21	ng	-0.05
78) Terphenyl-d14	16.98	244	840313	104.49	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	7.59	79	7286	2.12	ng	# 26
19) n-Nitroso-di-n-propylamine	8.27	70	58315	18.42	ng	# 77
50) 2,6-Dinitrotoluene	12.20	165	15875	7.41	ng	# 31

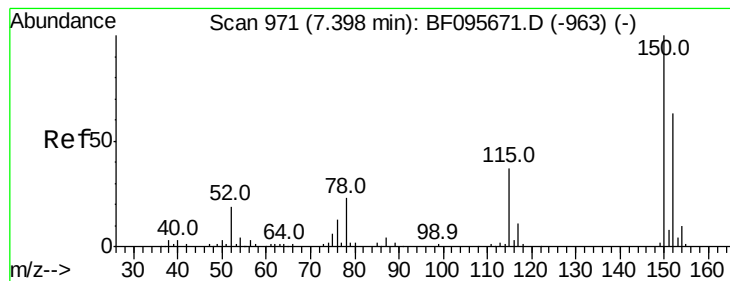
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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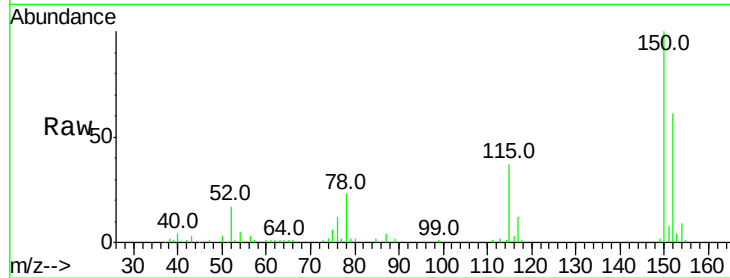


#1

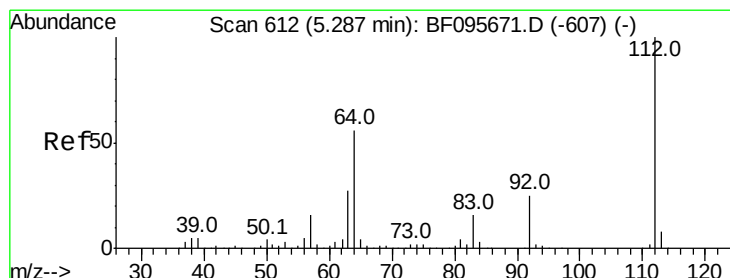
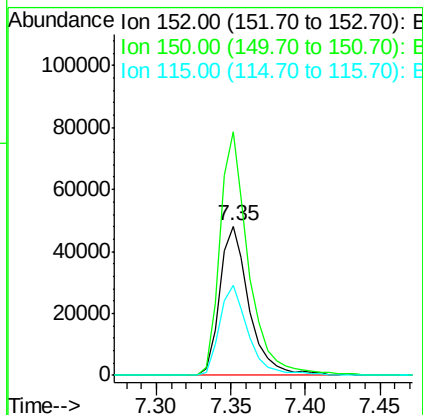
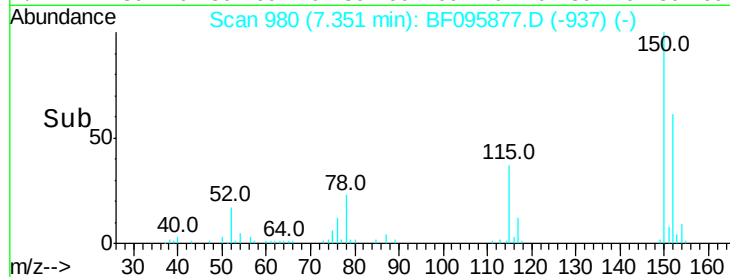
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 980
 Delta R.T. -0.05 min
 Lab File: BF095877.D
 Acq: 12 Jun 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 66502
 Ion Ratio Lower Upper
 152 100
 150 163.0 126.2 189.2
 115 60.2 52.2 78.2



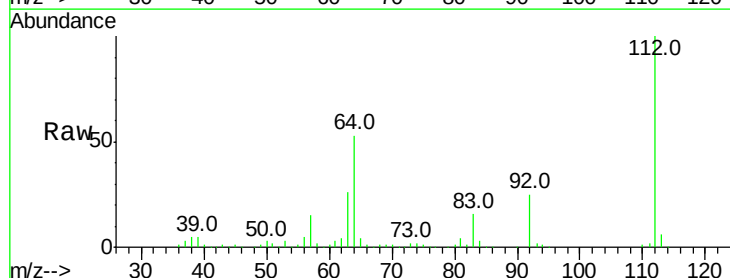
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



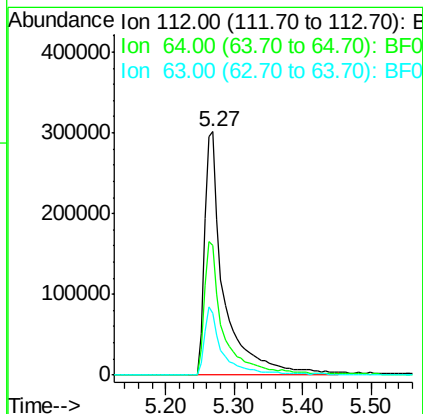
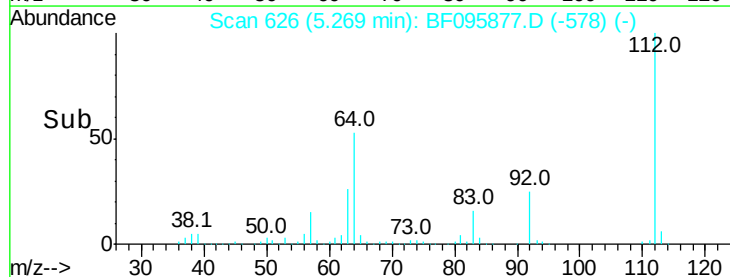
#5

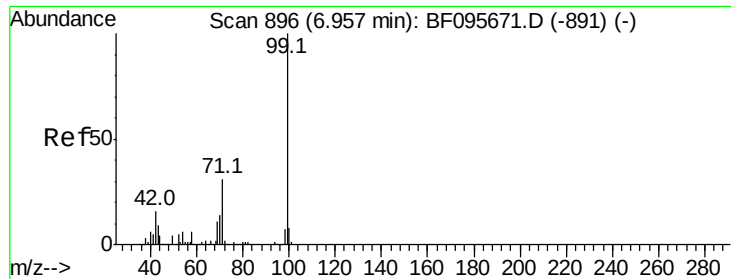
2-Fluorophenol
 Concen: 144.91 ng
 RT: 5.27 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF095877.D
 Acq: 12 Jun 2017 17:56

Tgt Ion:112 Resp: 604756
 Ion Ratio Lower Upper
 112 100
 64 53.2 46.0 69.0
 63 25.6 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: 137.98 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095877.D

Acq: 12 Jun 2017 17:56

Instrument :

BNA_F

ClientSampled :

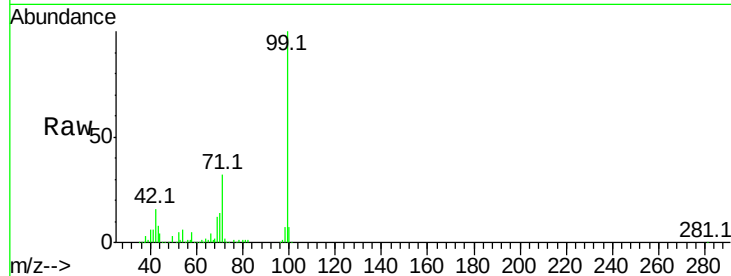
Tot Ion: 99 Resp: 689383

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 32.2 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

500000

400000

300000

200000

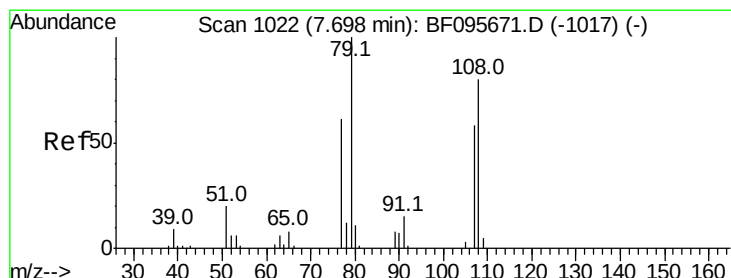
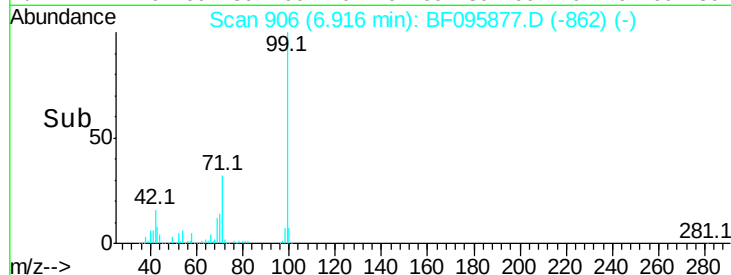
100000

0

6.92

6.80 7.00 7.20

Time-->



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 7.59 min Scan# 1020

Delta R.T. -0.11 min

Lab File: BF095877.D

Acq: 12 Jun 2017 17:56

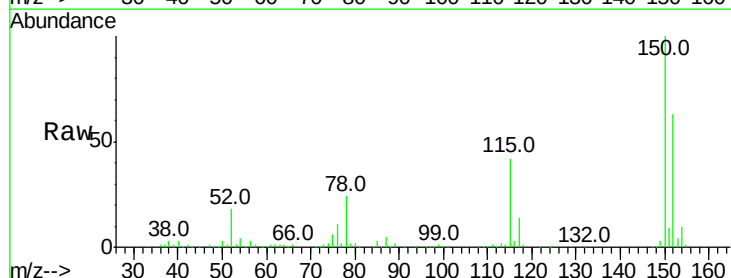
Tgt Ion: 79 Resp: 7286

Ion Ratio Lower Upper

79 100

108 24.5 63.4 95.0#

77 129.7 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

8000

6000

4000

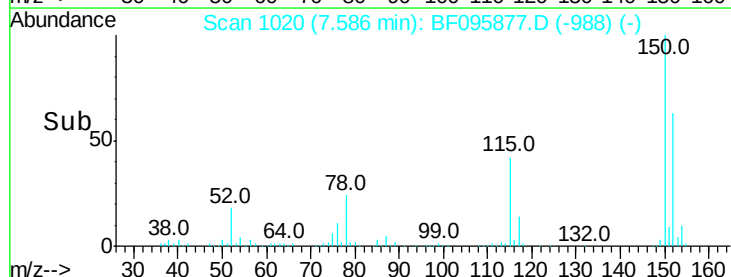
2000

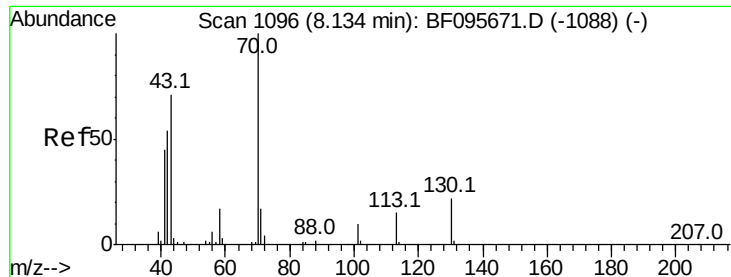
0

7.59

7.55 7.60

Time-->

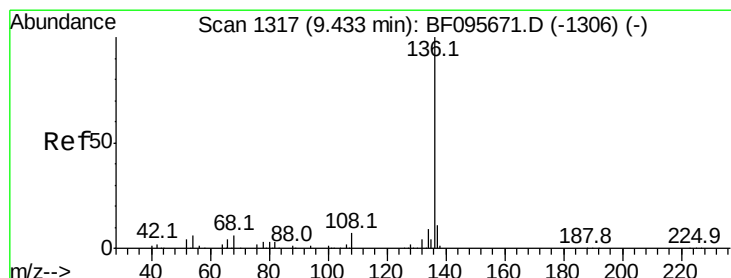
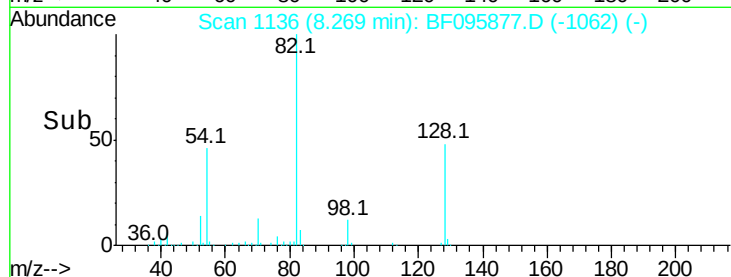
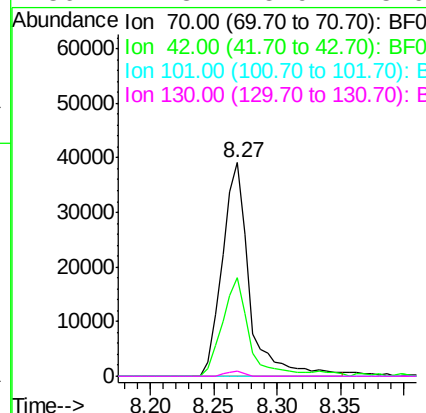
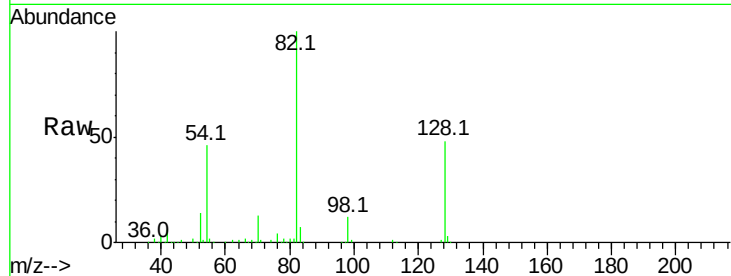




#19
n-Nitroso-di-n-propylamine
Concen: 18.42 ng
RT: 8.27 min Scan# 1136
Delta R.T. 0.14 min
Lab File: BF095877.D
Acq: 12 Jun 2017 17:56

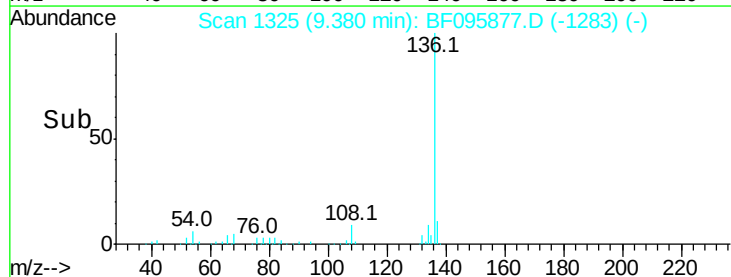
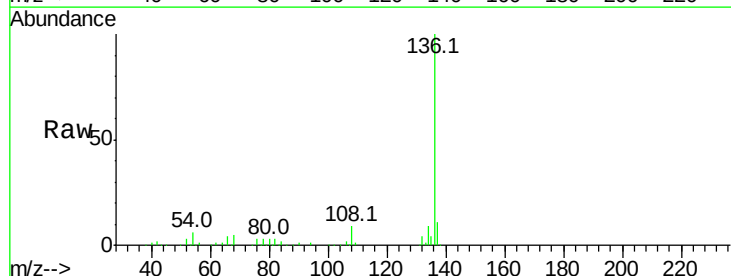
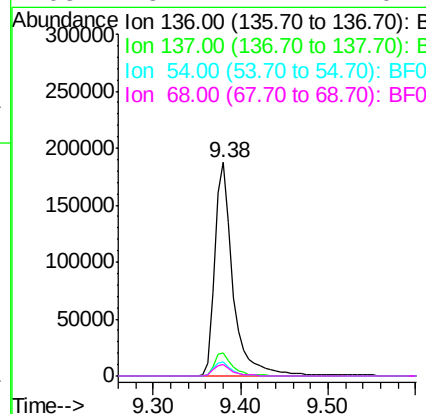
Instrument :
BNA_F
ClientSampleId :

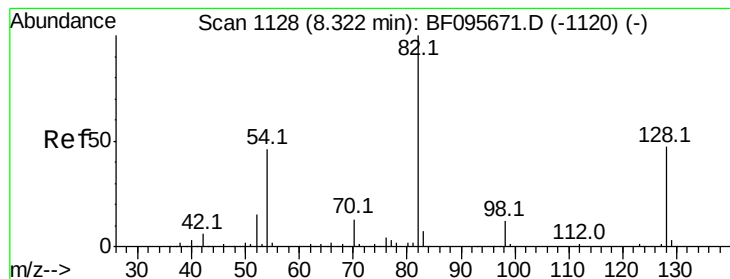
Tot Ion: 70 Resp: 58315
Ion Ratio Lower Upper
70 100
42 46.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.38 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF095877.D
Acq: 12 Jun 2017 17:56

Tgt Ion: 136 Resp: 273743
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 6.5 4.9 7.3
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 105.99 ng

RT: 8.27 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF095877.D

Acq: 12 Jun 2017 17:56

Instrument :

BNA_F

ClientSampleId :

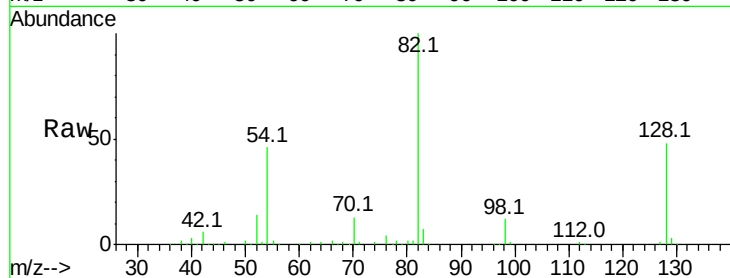
Tot Ion: 82 Resp: 467184

Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

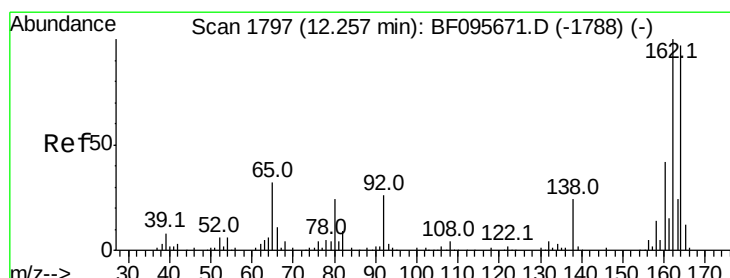
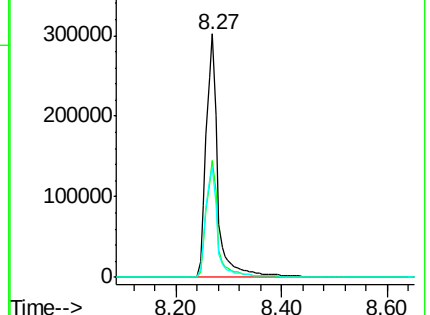
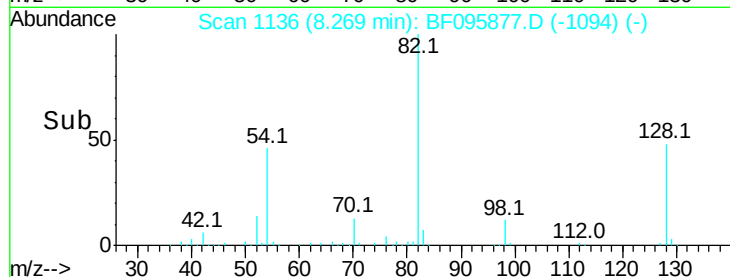
54 45.6 42.2 63.2



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: 12.20 min Scan# 1804

Delta R.T. -0.06 min

Lab File: BF095877.D

Acq: 12 Jun 2017 17:56

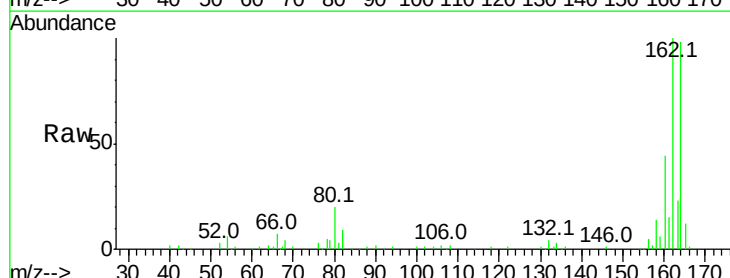
Tgt Ion:164 Resp: 129447

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

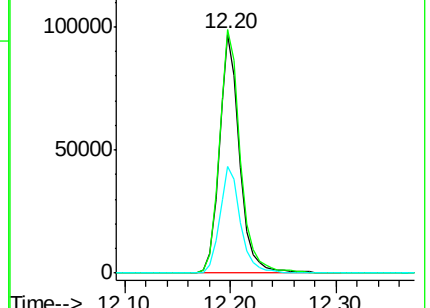
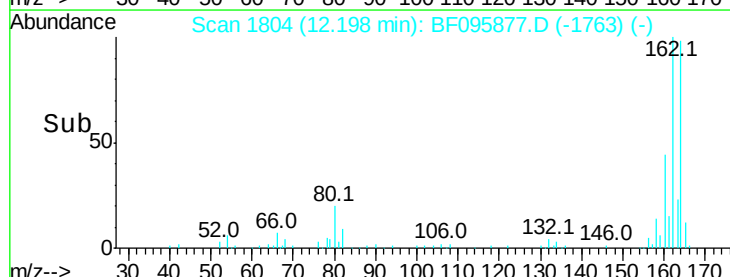
160 44.5 36.2 54.2

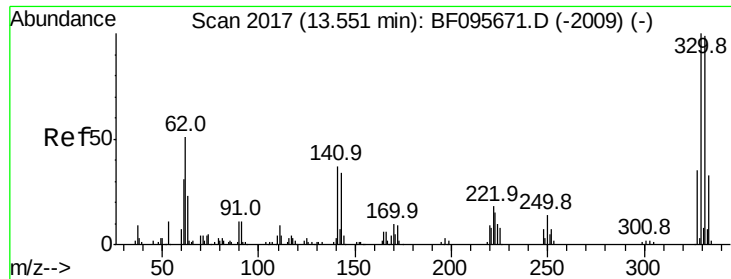


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

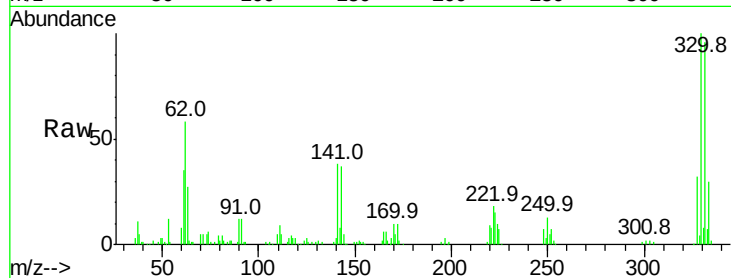




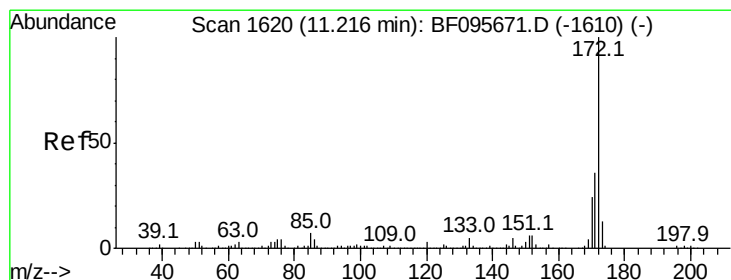
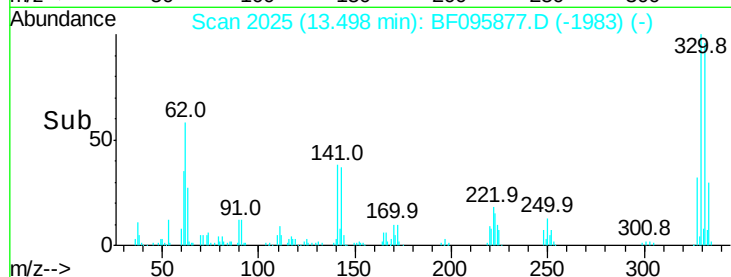
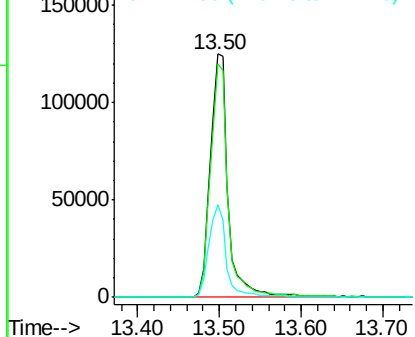
#41
 2,4,6-Tribromophenol
 Concen: 165.35 ng
 RT: 13.50 min Scan# 2025
 Delta R.T. -0.05 min
 Lab File: BF095877.D
 Acq: 12 Jun 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 189377
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 37.4 31.4 47.2

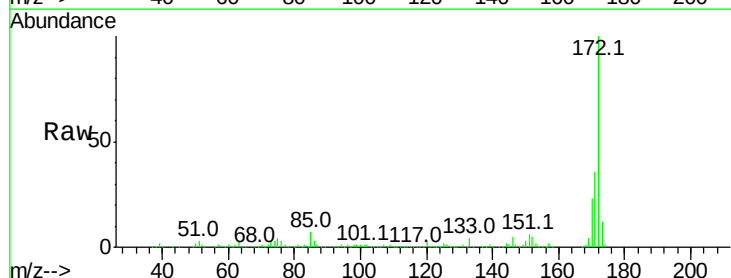


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

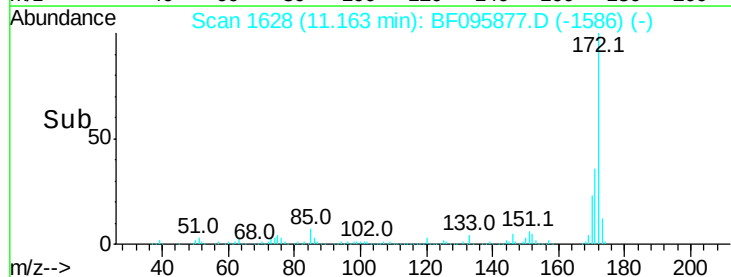
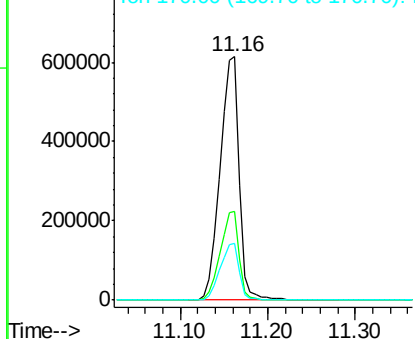


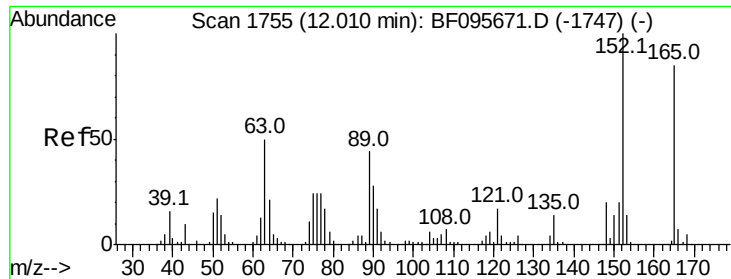
#44
 2-Fluorobiphenyl
 Concen: 100.21 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095877.D
 Acq: 12 Jun 2017 17:56

Tgt Ion:172 Resp: 932198
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.4 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

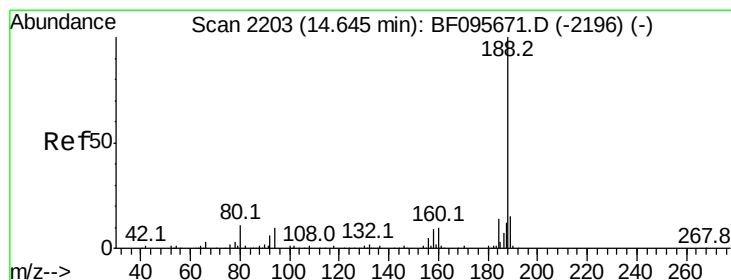
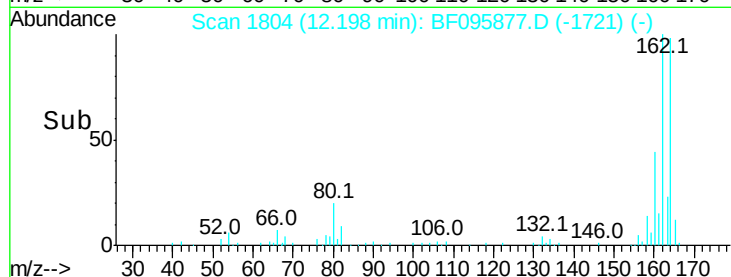
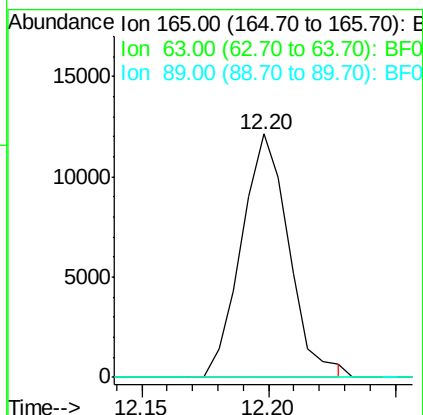
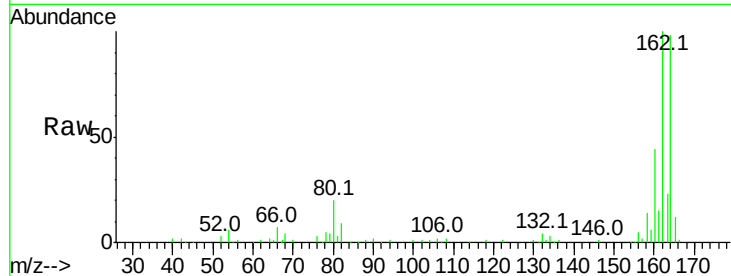




#50
 2,6-Dinitrotoluene
 Concen: 7.41 ng
 RT: 12.20 min Scan# 1804
 Delta R.T. 0.19 min
 Lab File: BF095877.D
 Acq: 12 Jun 2017 17:56

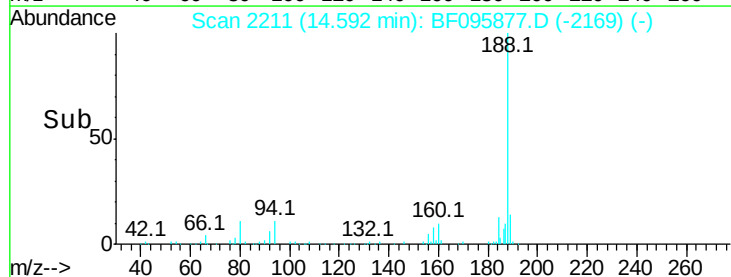
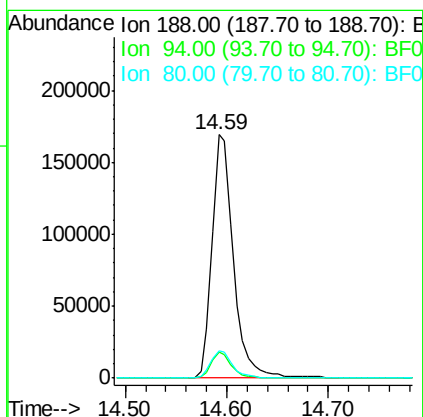
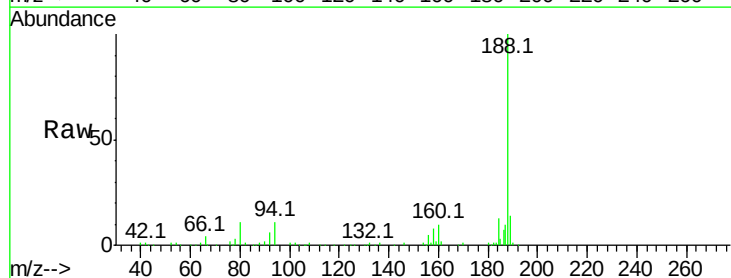
Instrument :
 BNA_F
 ClientSampleId :

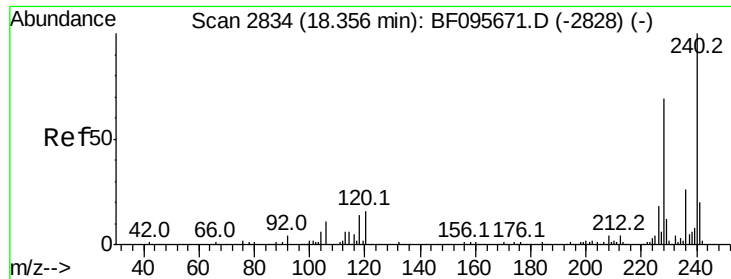
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 2211
 Delta R.T. -0.05 min
 Lab File: BF095877.D
 Acq: 12 Jun 2017 17:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.5	10.2	15.2

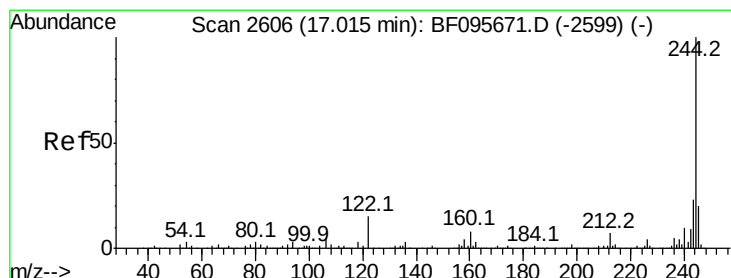
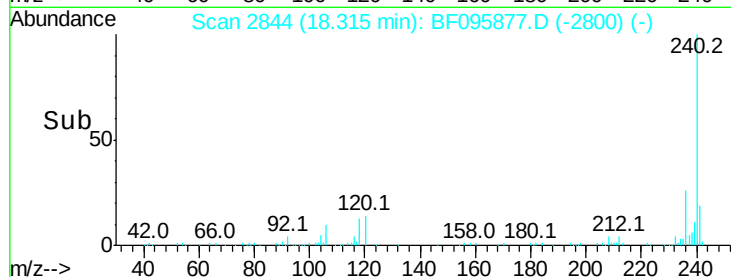
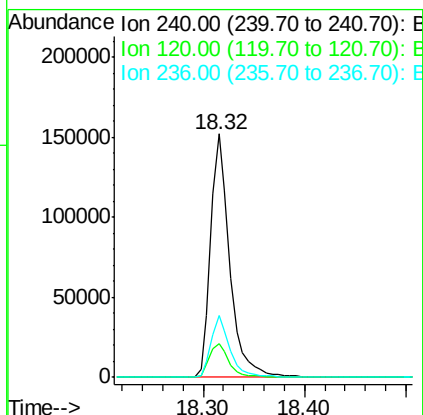
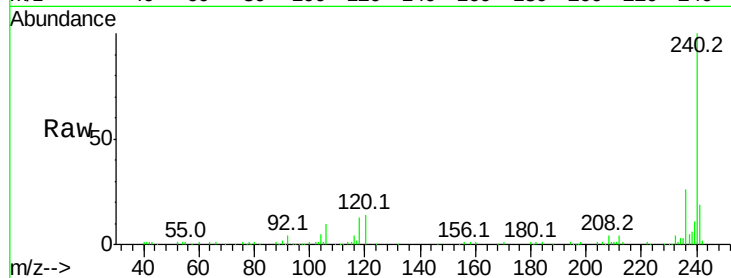




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.32 min Scan# 2844
 Delta R.T. -0.04 min
 Lab File: BF095877.D
 Acq: 12 Jun 2017 17:56

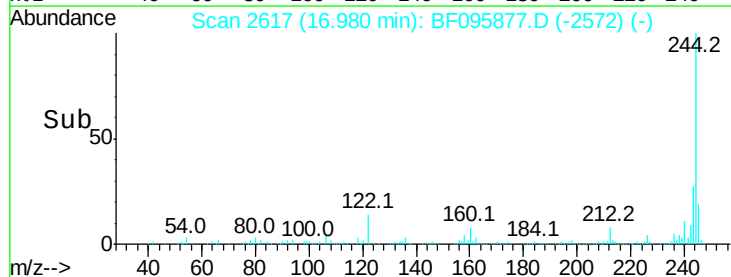
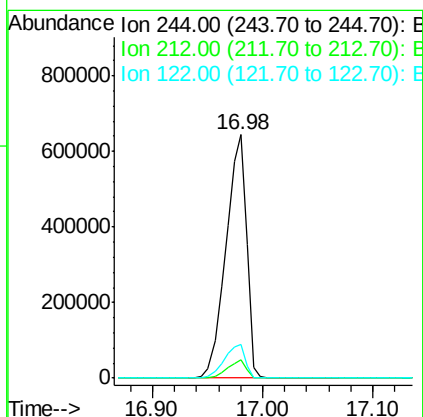
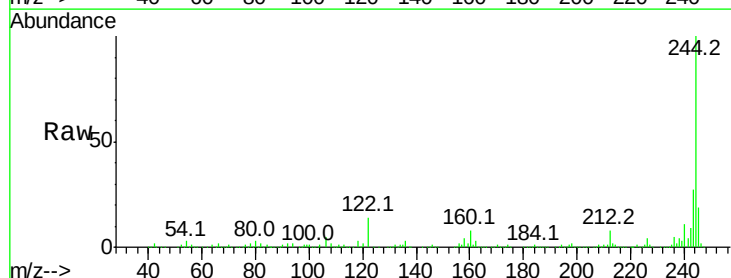
Instrument :
 BNA_F
 ClientSampleId :

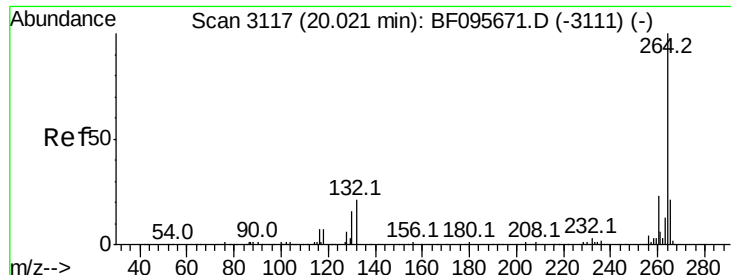
Tot Ion:240 Resp: 199590
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 25.6 20.5 30.7



#78
 Terphenyl-d14
 Concen: 104.49 ng
 RT: 16.98 min Scan# 2617
 Delta R.T. -0.04 min
 Lab File: BF095877.D
 Acq: 12 Jun 2017 17:56

Tgt Ion:244 Resp: 840313
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.0 10.3 15.5

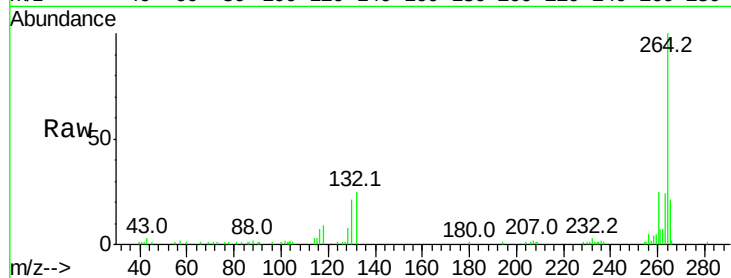




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BF095877.D
Acq: 12 Jun 2017 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 92751
Ion Ratio Lower Upper
264 100
260 25.3 19.5 29.3
265 21.5 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

