

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095979.D
 Acq On : 17 Jun 2017 4:57
 Operator : SJ/MA
 Sample : I3696-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 17 06:02:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

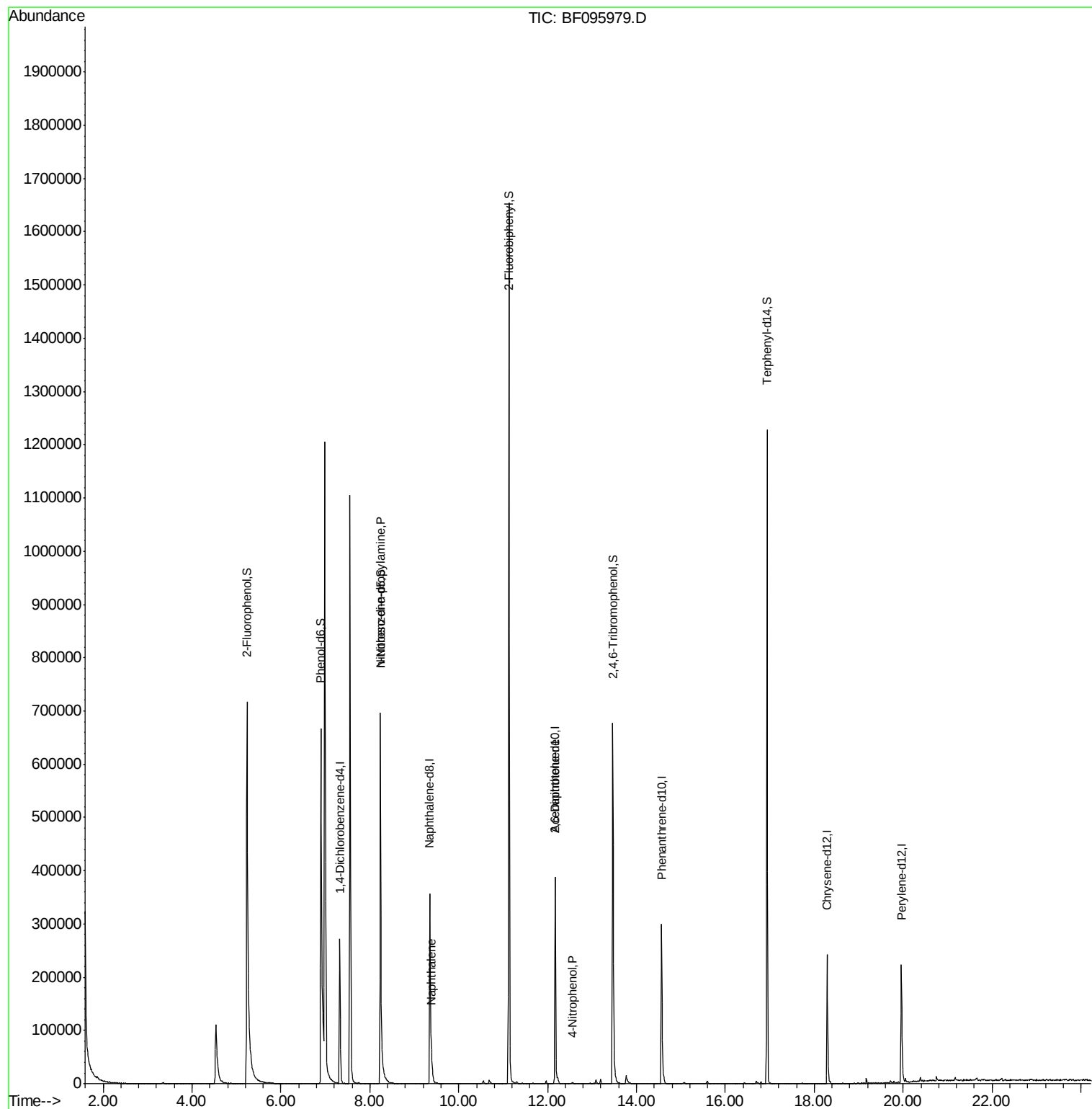
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	65606	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	275367	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	117856	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	181659	20.00	ng	0.00
75) Chrysene-d12	18.29	240	134034	20.00	ng	0.00
86) Perylene-d12	19.96	264	129313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	524151	127.31	ng	0.02
7) Phenol-d6	6.90	99	593607	120.43	ng	-0.01
23) Nitrobenzene-d5	8.24	82	411283	92.76	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	131085	125.71	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	799190	94.36	ng	0.00
78) Terphenyl-d14	16.94	244	494020	91.47	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.24	70	50394	16.13	ng	# 74
31) Naphthalene	9.39	128	49610	3.59	ng	96
50) 2,6-Dinitrotoluene	12.17	165	15097	7.73	ng	# 31
55) 4-Nitrophenol	12.55	139	718	5.14	ng	# 25

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

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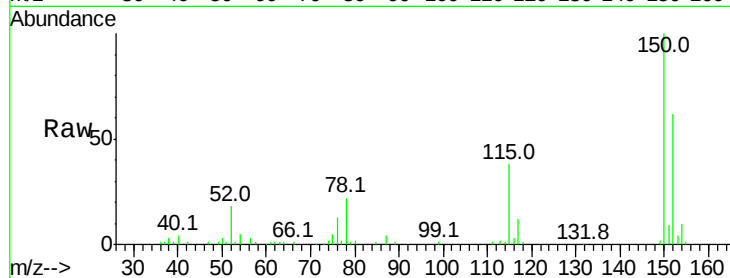


#1

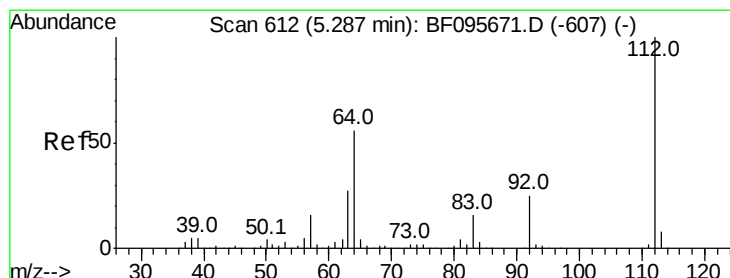
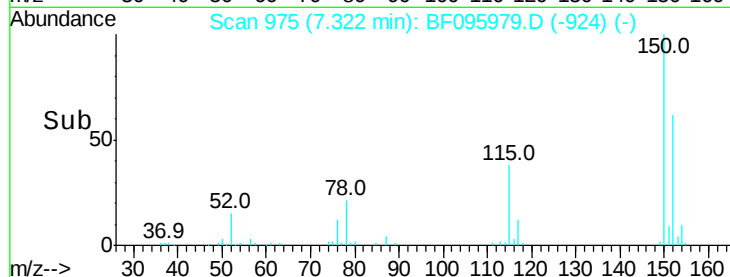
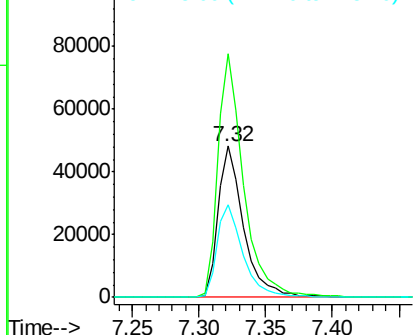
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095979.D
Acq: 17 Jun 2017 4:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 65606
Ion Ratio Lower Upper
152 100
150 161.0 126.2 189.2
115 61.1 52.2 78.2



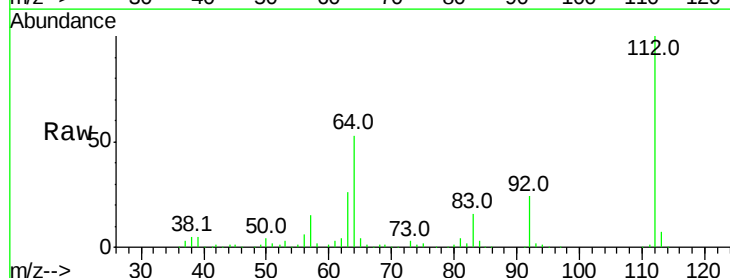
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



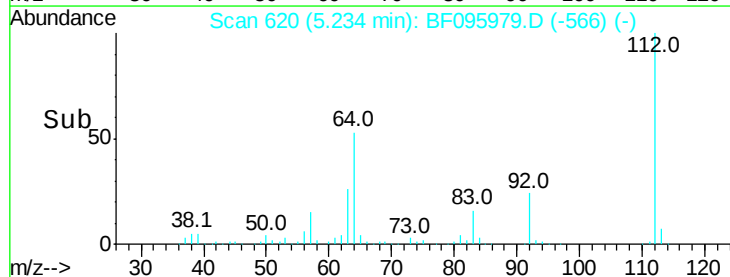
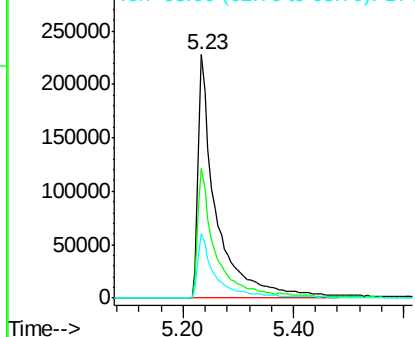
#5

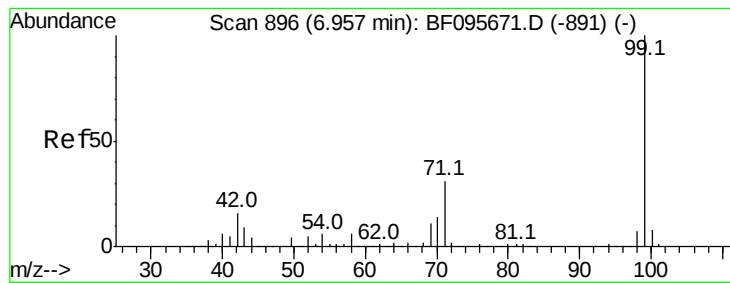
2-Fluorophenol
Concen: 127.31 ng
RT: 5.23 min Scan# 620
Delta R.T. 0.02 min
Lab File: BF095979.D
Acq: 17 Jun 2017 4:57

Tgt Ion:112 Resp: 524151
Ion Ratio Lower Upper
112 100
64 53.3 46.0 69.0
63 26.3 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: 120.43 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095979.D

Acq: 17 Jun 2017 4:57

Instrument :

BNA_F

ClientSampleId :

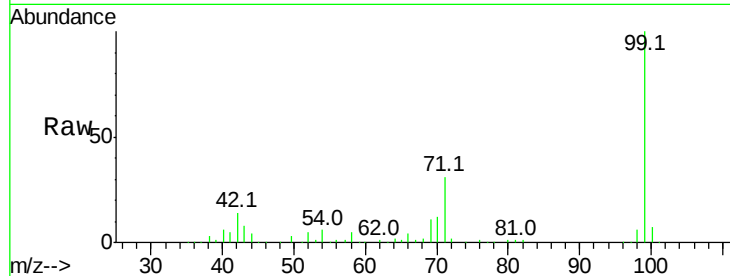
Tot Ion: 99 Resp: 593607

Ion Ratio Lower Upper

99 100

42 14.2 13.5 20.3

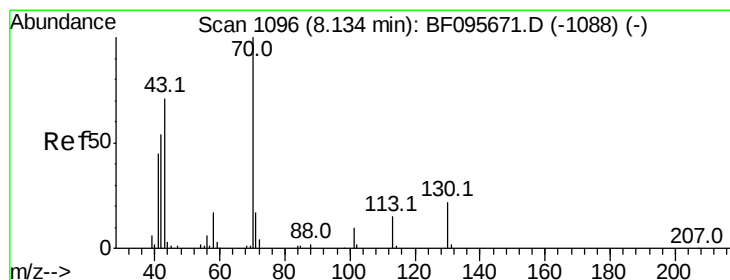
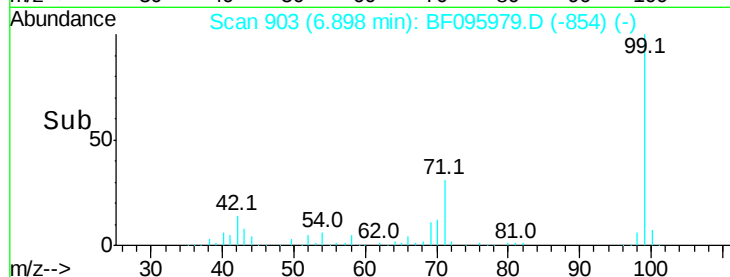
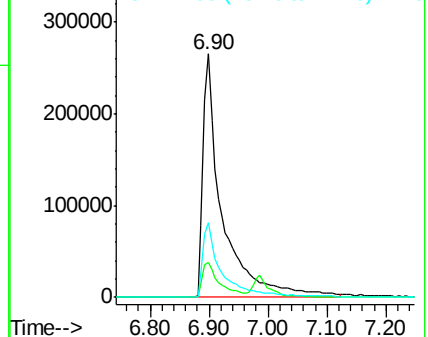
71 30.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.13 ng

RT: 8.24 min Scan# 1131

Delta R.T. 0.17 min

Lab File: BF095979.D

Acq: 17 Jun 2017 4:57

Tgt Ion: 70 Resp: 50394

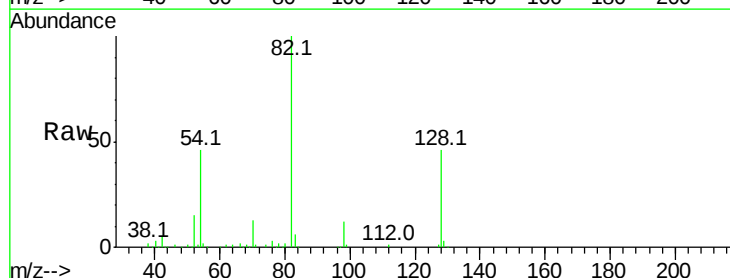
Ion Ratio Lower Upper

70 100

42 42.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

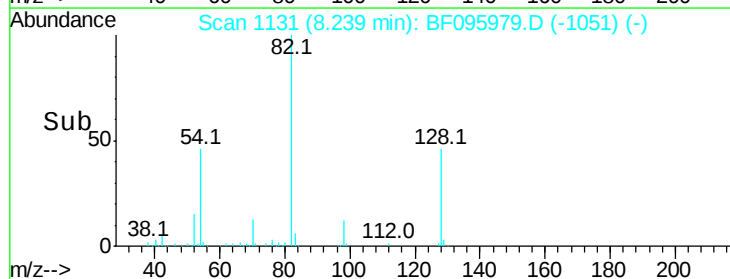
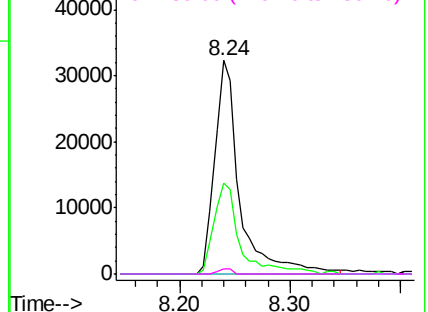


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095979.D

Acq: 17 Jun 2017 4:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 275367

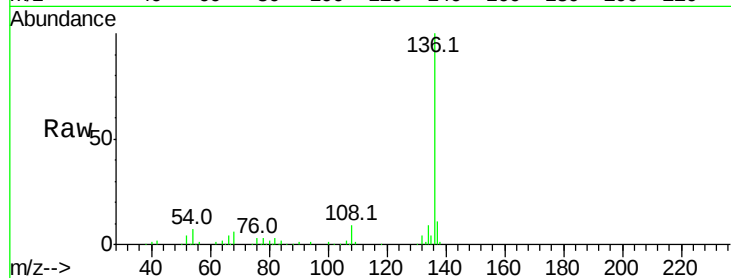
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

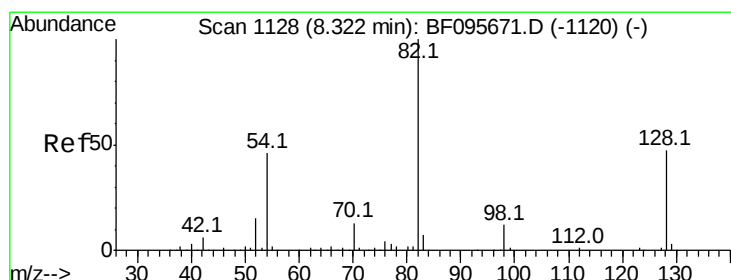
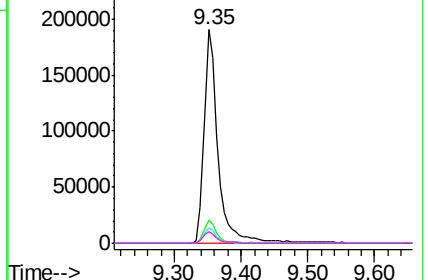
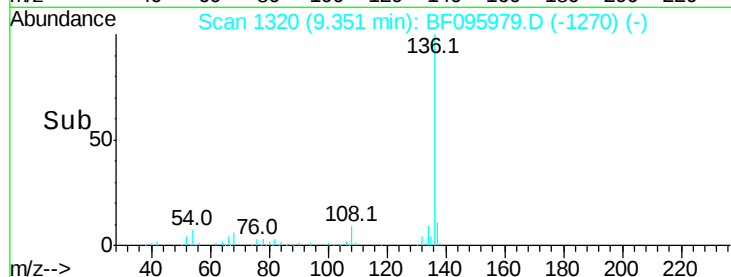


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.76 ng

RT: 8.24 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF095979.D

Acq: 17 Jun 2017 4:57

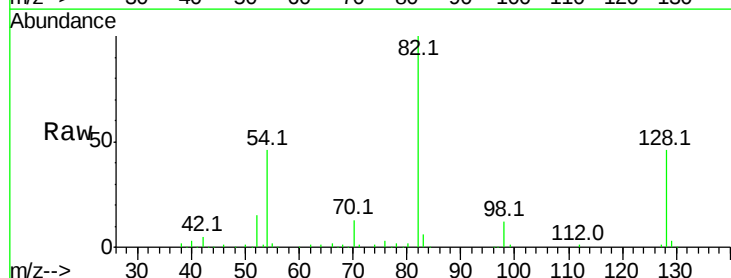
Tgt Ion: 82 Resp: 411283

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

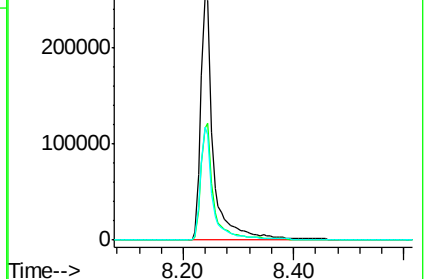
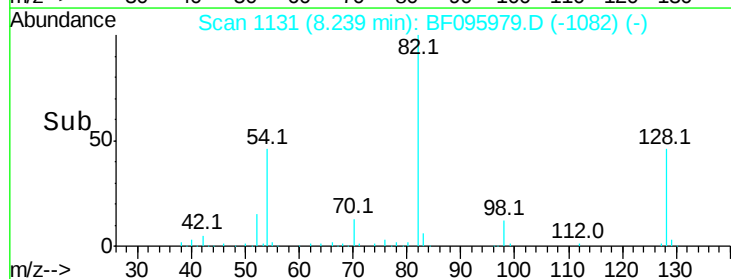
54 46.4 42.2 63.2

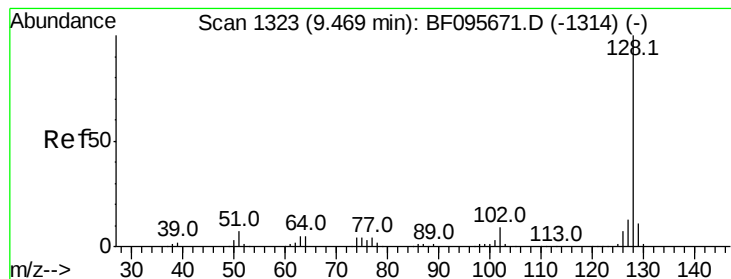


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 3.59 ng

RT: 9.39 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF095979.D

Acq: 17 Jun 2017 4:57

Instrument :

BNA_F

ClientSampleId :

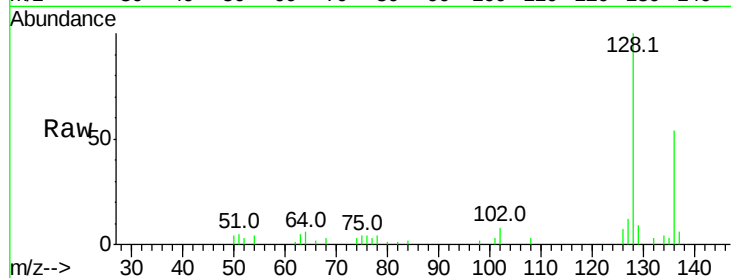
Tot Ion:128 Resp: 49610

Ion Ratio Lower Upper

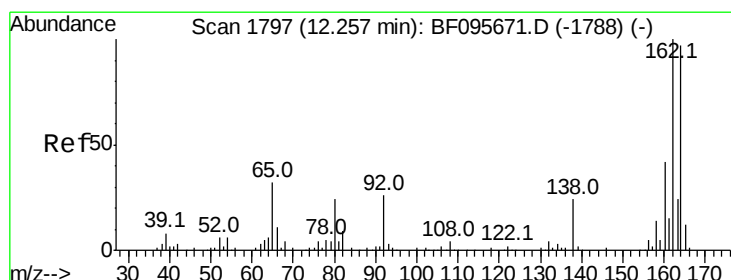
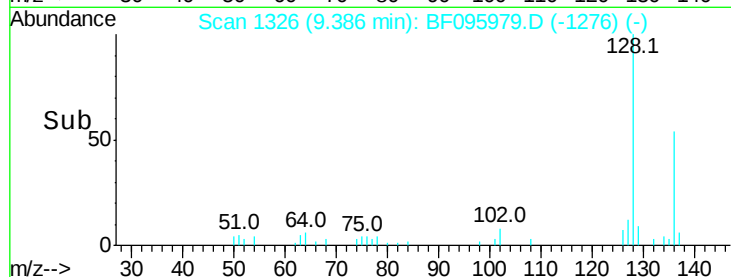
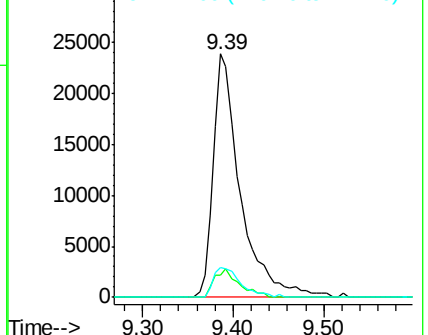
128 100

129 9.1 9.0 13.6

127 12.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.17 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF095979.D

Acq: 17 Jun 2017 4:57

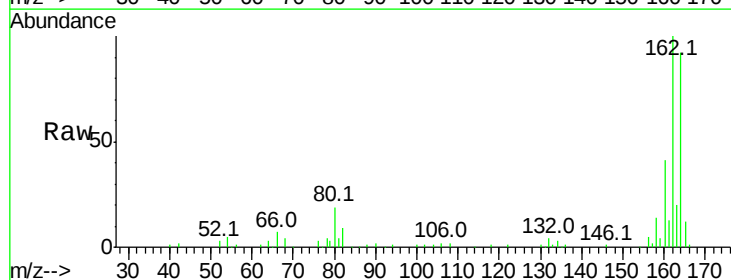
Tgt Ion:164 Resp: 117856

Ion Ratio Lower Upper

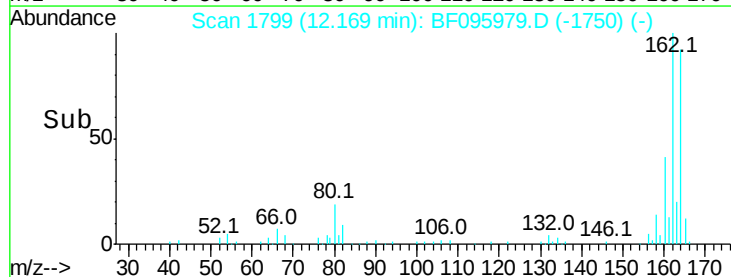
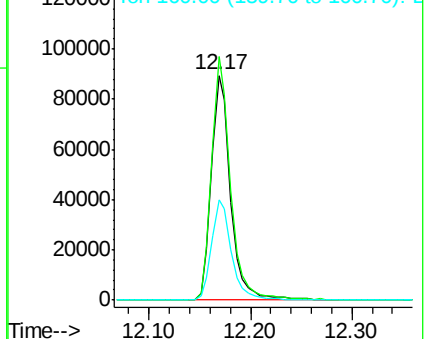
164 100

162 108.3 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

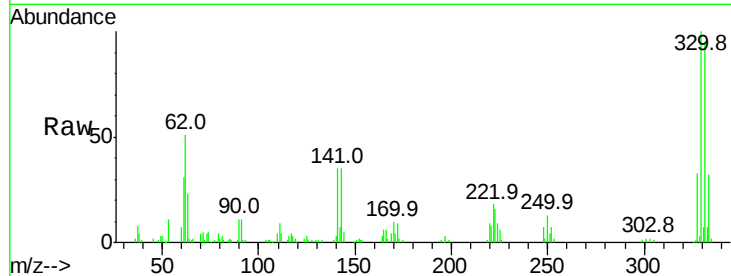




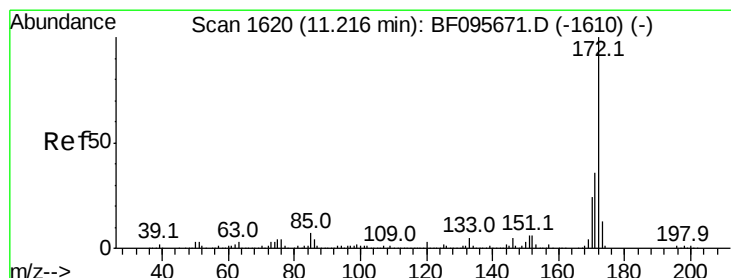
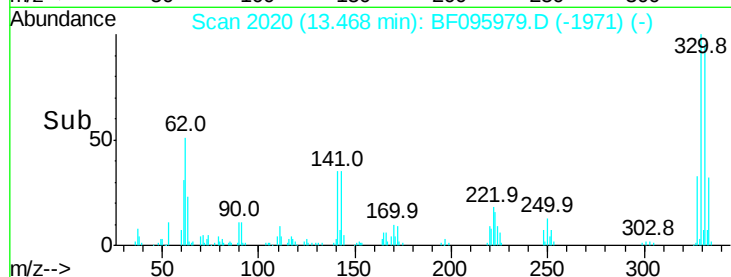
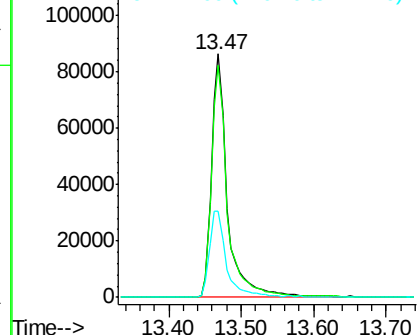
#41
 2,4,6-Tribromophenol
 Concen: 125.71 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095979.D
 Acq: 17 Jun 2017 4:57

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.1	31.4	47.2

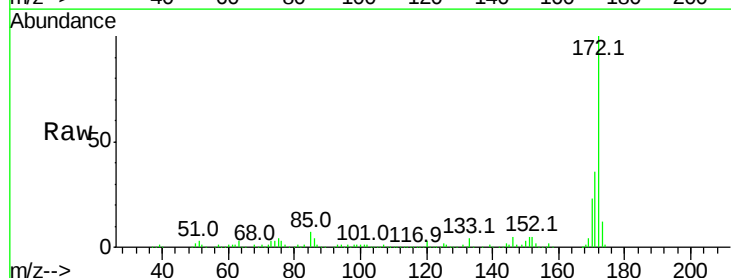


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

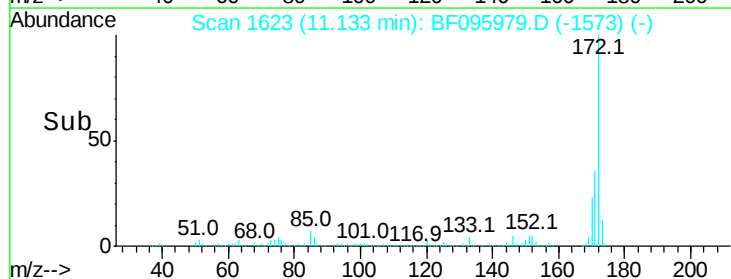
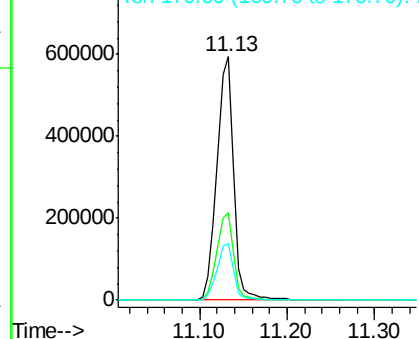


#44
 2-Fluorobiphenyl
 Concen: 94.36 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095979.D
 Acq: 17 Jun 2017 4:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.2	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

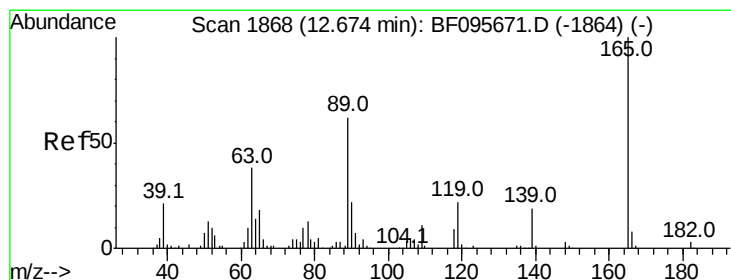
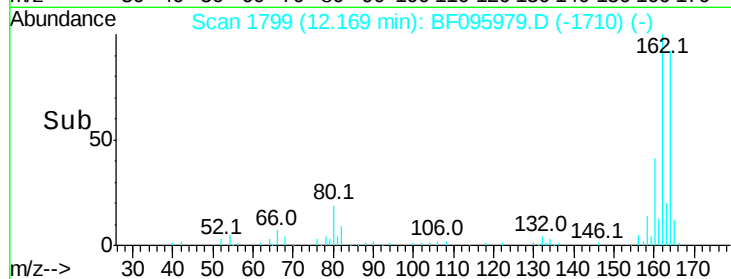
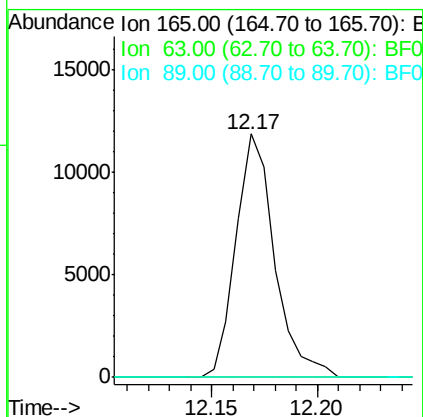
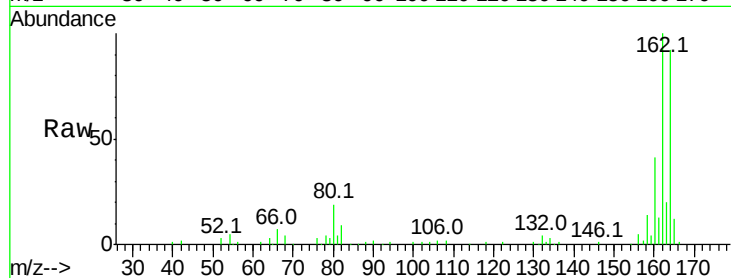




#50
 2,6-Dinitrotoluene
 Concen: 7.73 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. 0.22 min
 Lab File: BF095979.D
 Acq: 17 Jun 2017 4:57

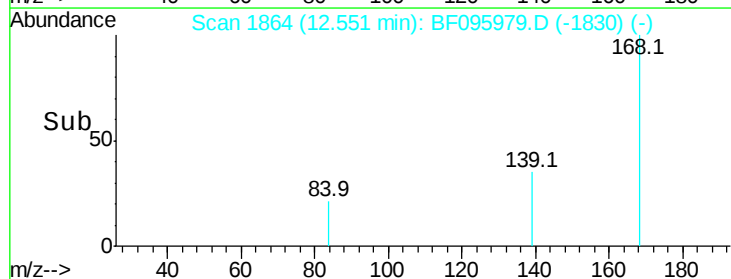
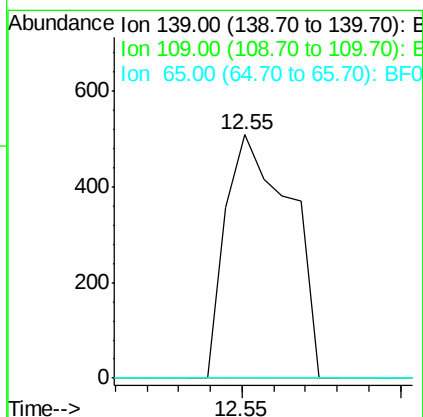
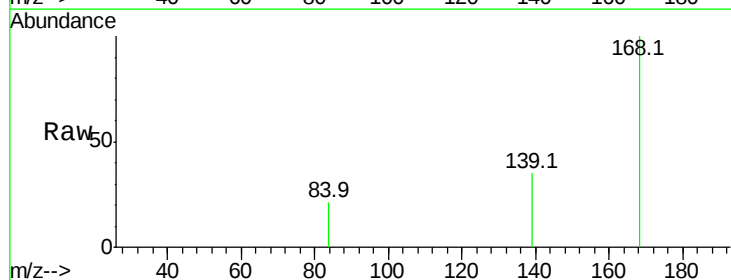
Instrument :
 BNA_F
 ClientSampleId :

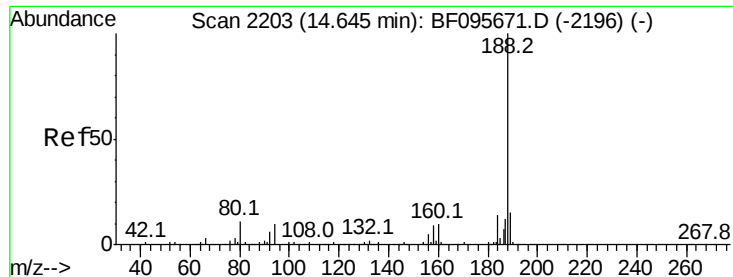
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#55
 4-Nitrophenol
 Concen: 5.14 ng
 RT: 12.55 min Scan# 1864
 Delta R.T. -0.10 min
 Lab File: BF095979.D
 Acq: 17 Jun 2017 4:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

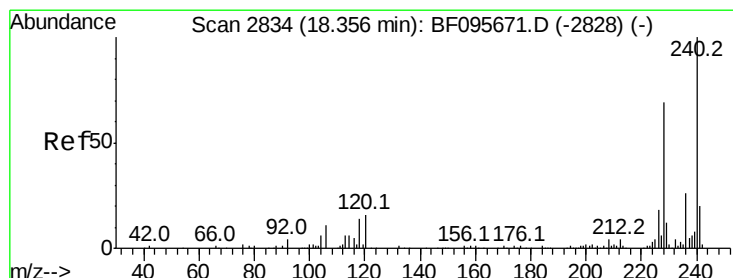
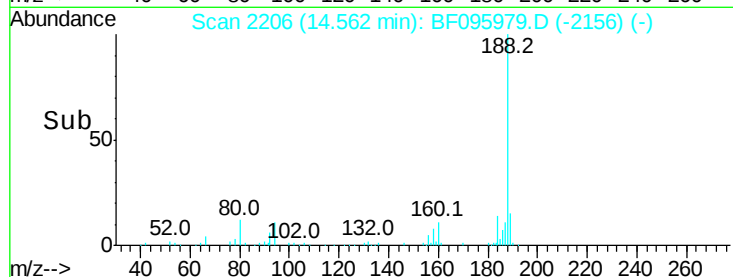
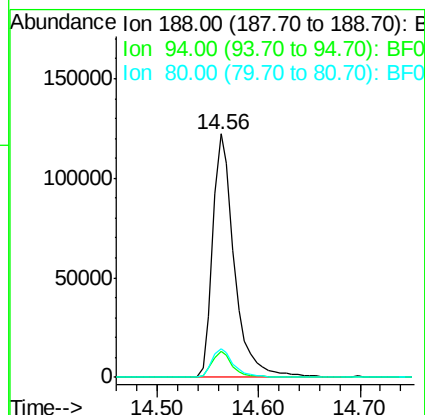
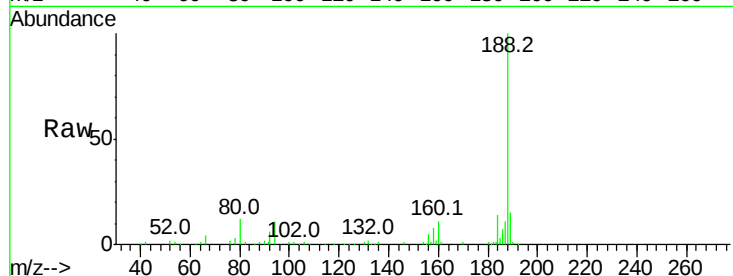




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095979.D
Acq: 17 Jun 2017 4:57

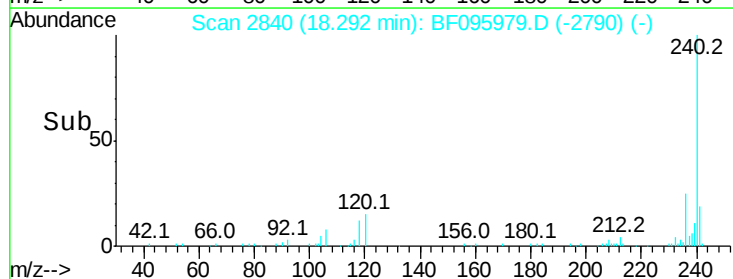
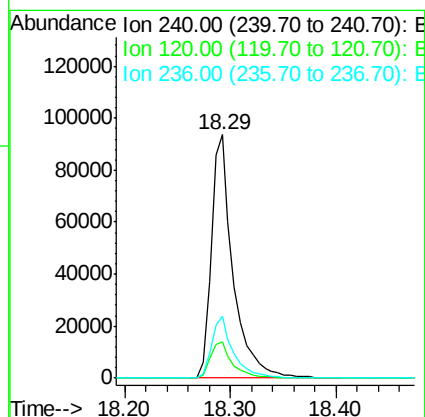
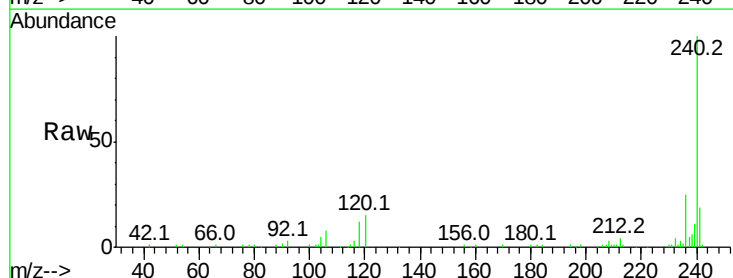
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 181659
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095979.D
Acq: 17 Jun 2017 4:57

Tgt Ion:240 Resp: 134034
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.5 20.5 30.7

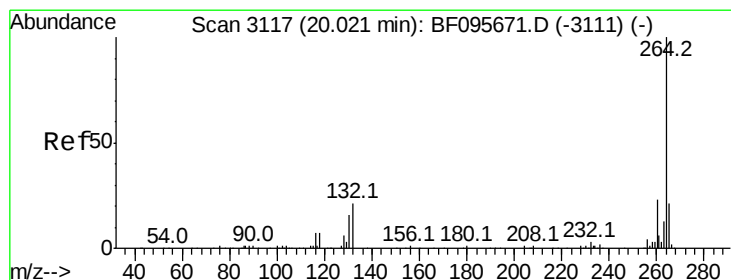
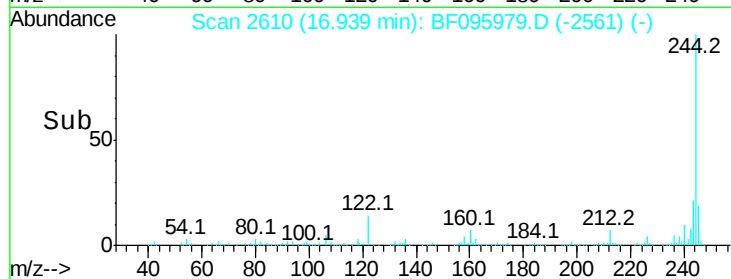
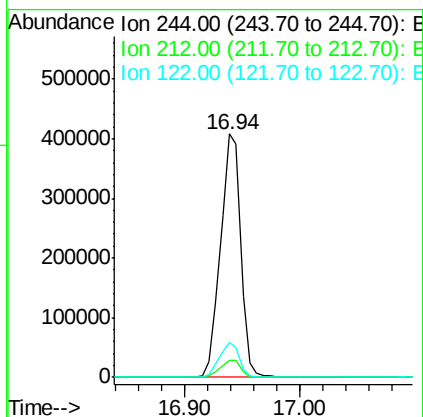
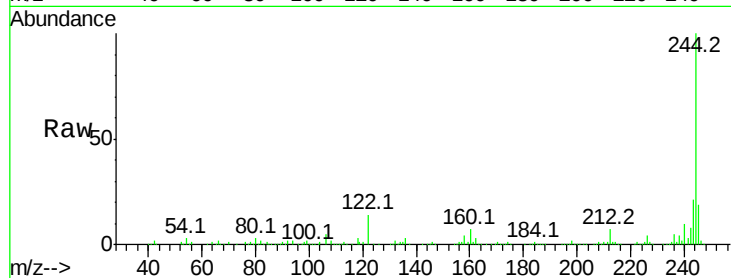




#78
 Terphenyl-d14
 Concen: 91.47 ng
 RT: 16.94 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF095979.D
 Acq: 17 Jun 2017 4:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 494020
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095979.D
 Acq: 17 Jun 2017 4:57

Tgt Ion:264 Resp: 129313
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 20.0 17.2 25.8

