

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095615.D
 Acq On : 2 Jun 2017 3:21
 Operator : SJ/MA
 Sample : I3412-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 04:53:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

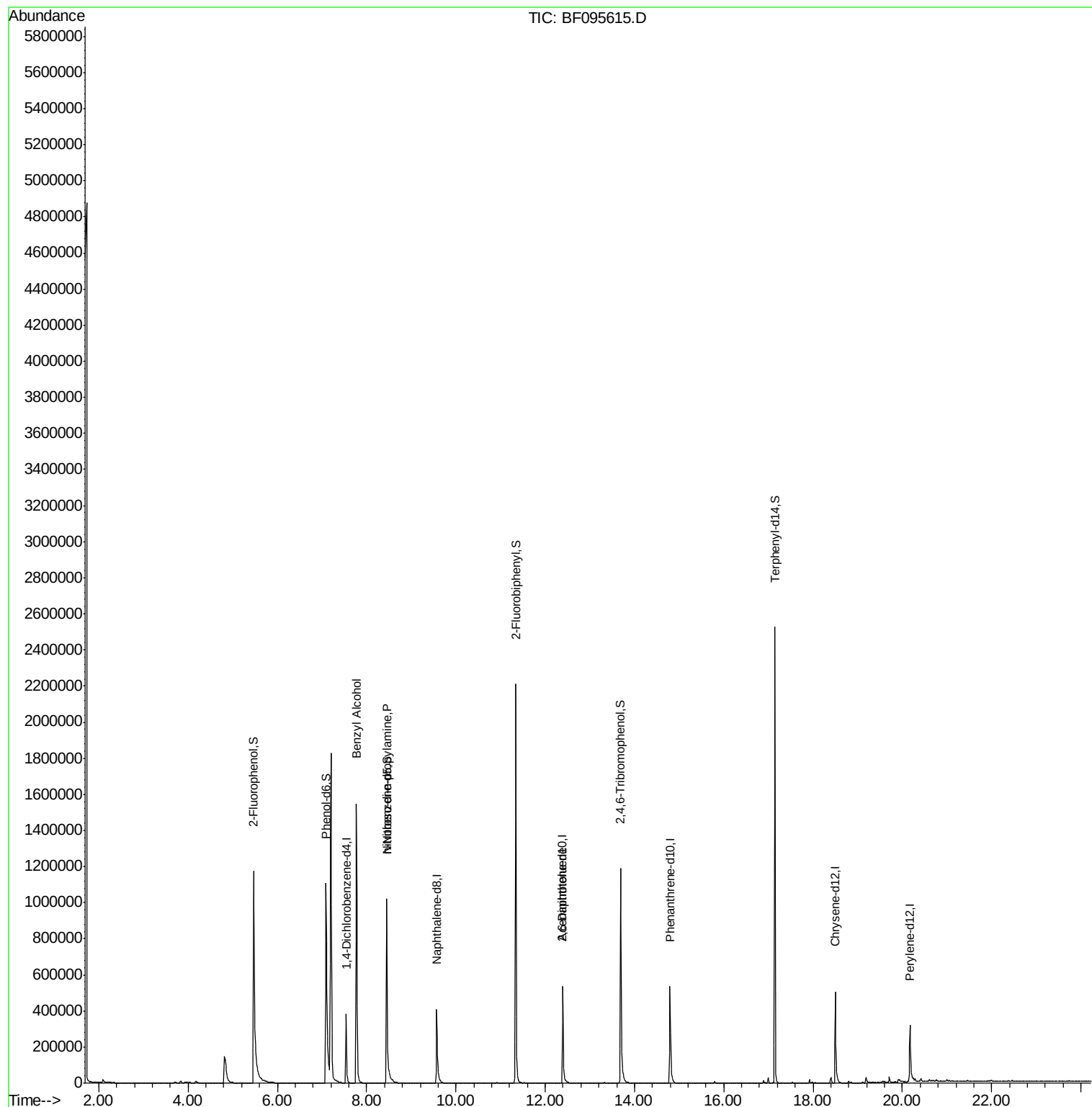
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	93183	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	380883	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	175892	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	357208	20.00	ng	0.00
75) Chrysene-d12	18.50	240	301054	20.00	ng	0.00
86) Perylene-d12	20.17	264	194544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	787285	140.86	ng	0.02
7) Phenol-d6	7.09	99	919469	137.11	ng	0.00
23) Nitrobenzene-d5	8.45	82	599457	99.25	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	235613	163.56	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1119517	91.61	ng	0.00
78) Terphenyl-d14	17.15	244	1073870	78.57	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.77	79	8685	2.01	ng	# 28
19) n-Nitroso-di-n-propylamine	8.45	70	72413	15.97	ng	# 74
50) 2,6-Dinitrotoluene	12.39	165	21674	7.36	ng	# 31

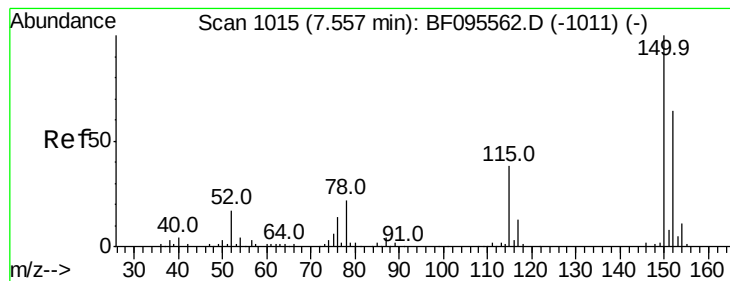
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF095615.D

Acq: 2 Jun 2017 3:21

Instrument :

BNA_F

ClientSampleId :

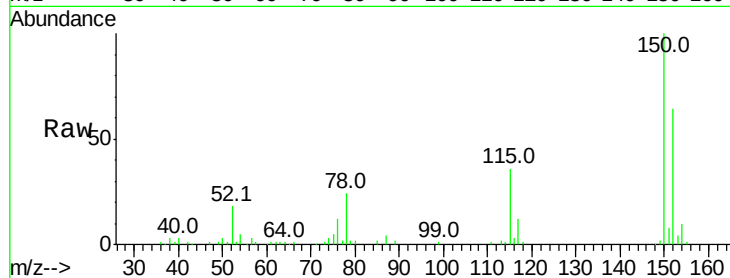
Tot Ion:152 Resp: 93183

Ion Ratio Lower Upper

152 100

150 156.2 126.2 189.2

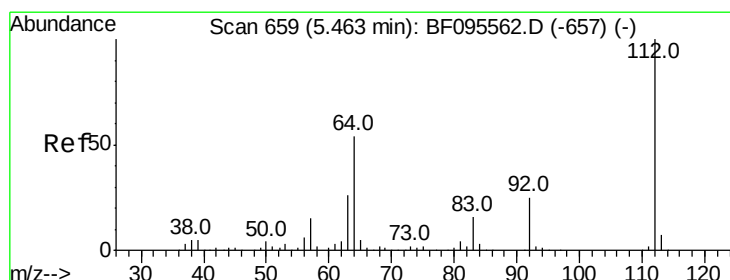
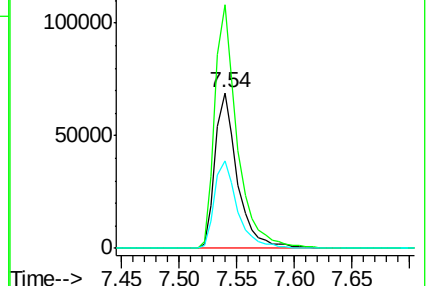
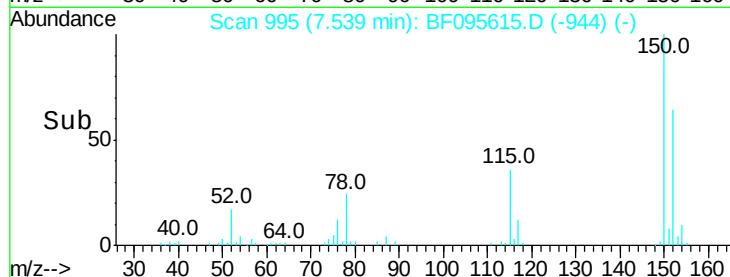
115 56.1 52.2 78.2



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: 140.86 ng

RT: 5.47 min Scan# 643

Delta R.T. 0.02 min

Lab File: BF095615.D

Acq: 2 Jun 2017 3:21

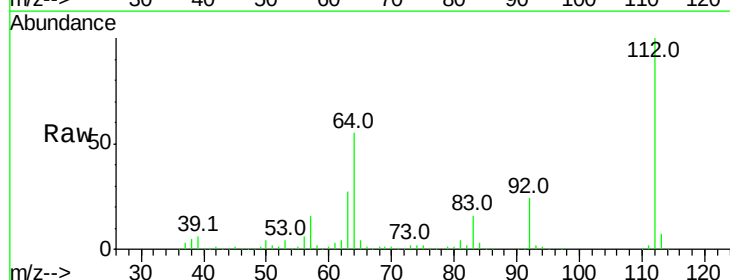
Tgt Ion:112 Resp: 787285

Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

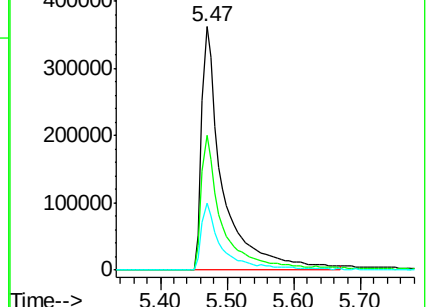
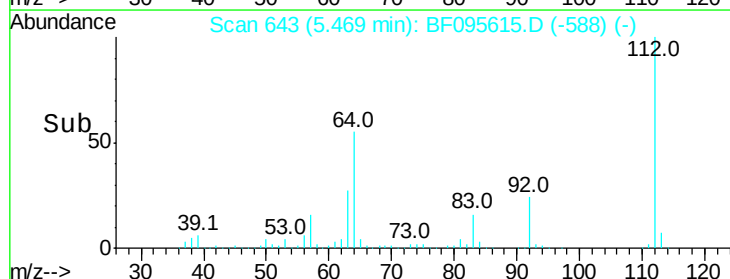
63 27.5 23.4 35.0

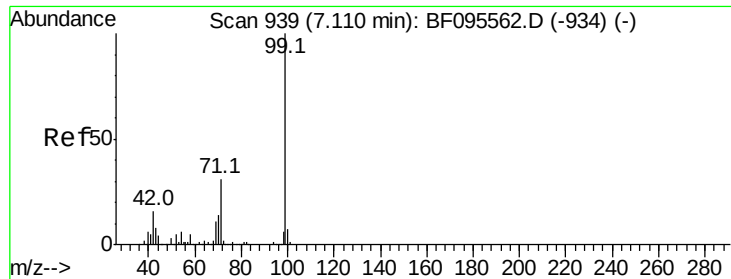


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.11 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095615.D

Acq: 2 Jun 2017 3:21

Instrument :

BNA_F

ClientSampleId :

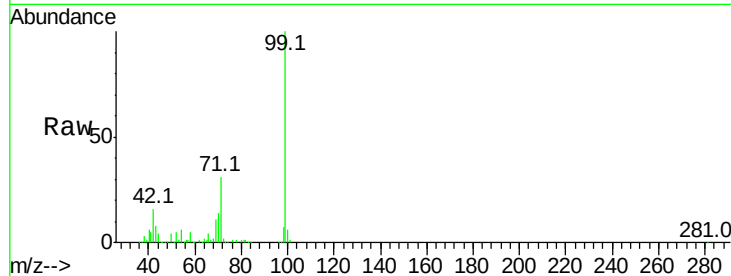
Tot Ion: 99 Resp: 919469

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

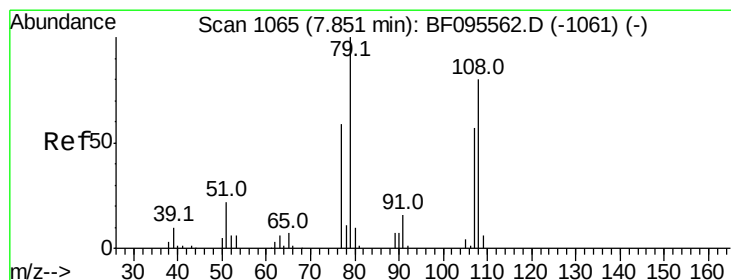
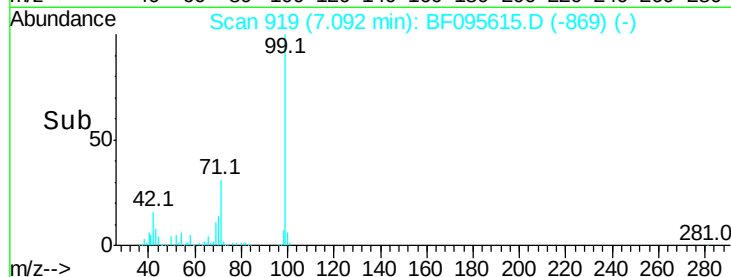
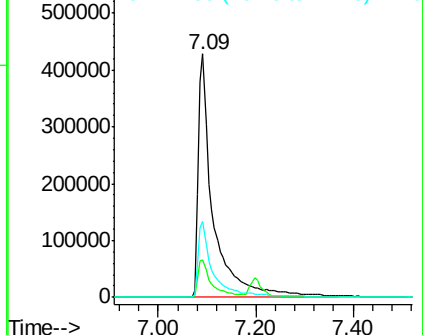
71 31.1 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.77 min Scan# 1035

Delta R.T. -0.06 min

Lab File: BF095615.D

Acq: 2 Jun 2017 3:21

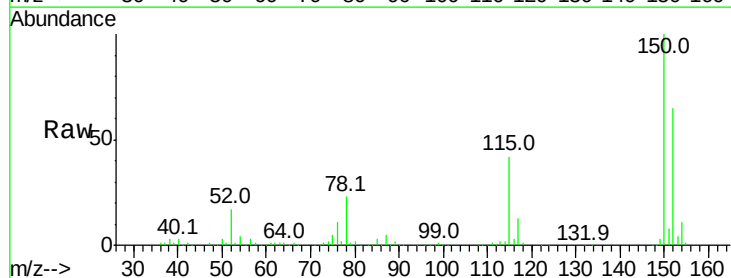
Tgt Ion: 79 Resp: 8685

Ion Ratio Lower Upper

79 100

108 33.2 63.4 95.0#

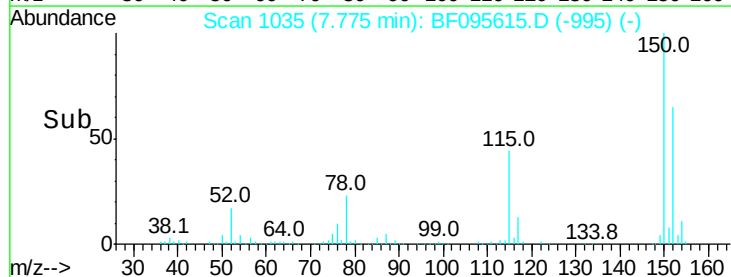
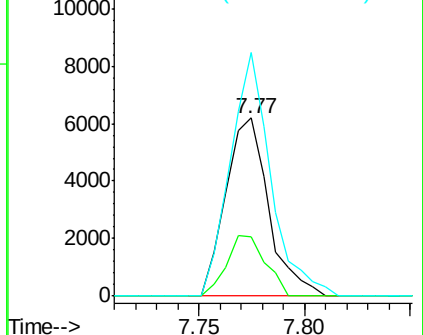
77 136.6 49.2 73.8#

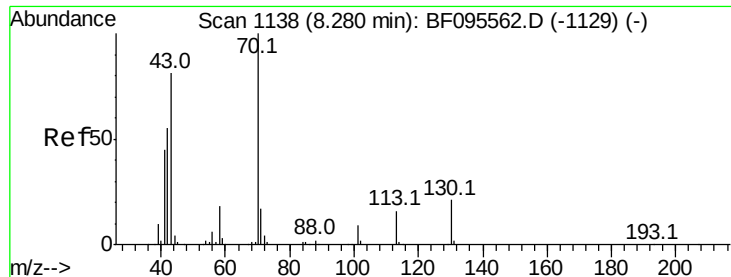


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

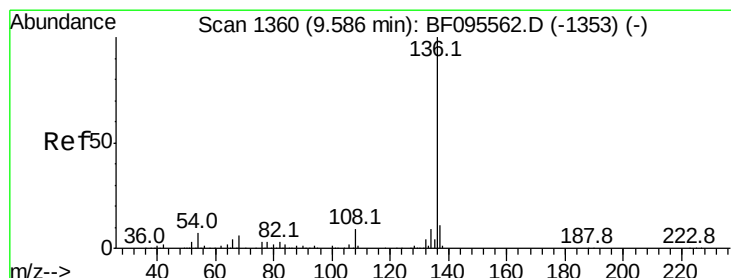
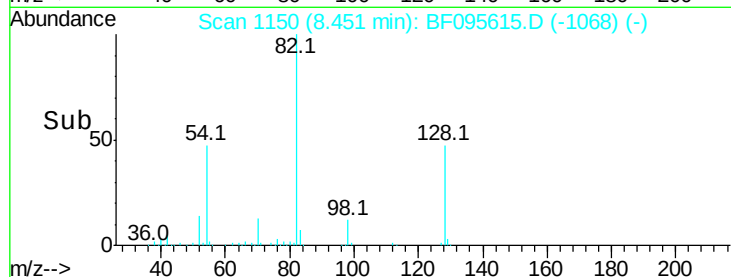
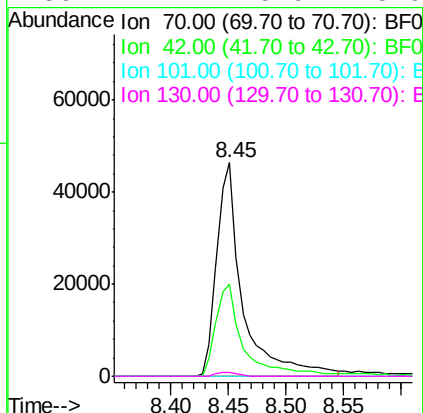
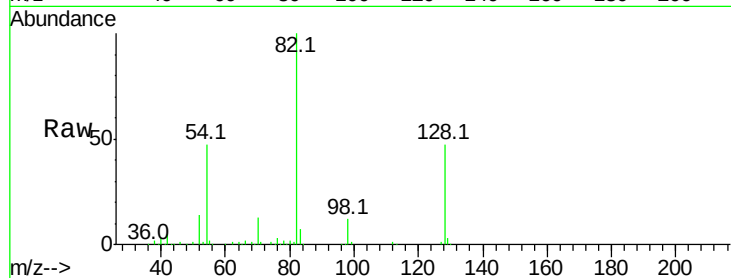




#19
n-Nitroso-di-n-propylamine
Concen: 15.97 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095615.D
Acq: 2 Jun 2017 3:21

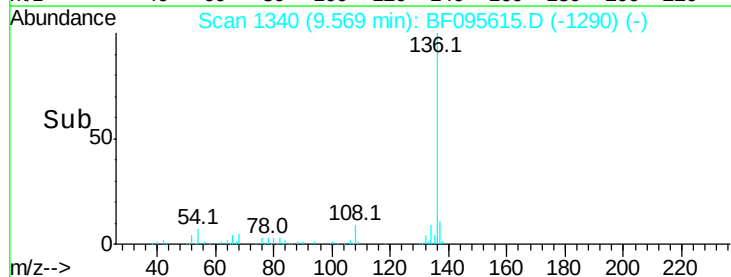
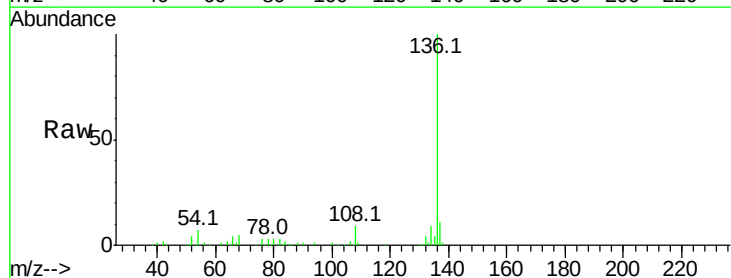
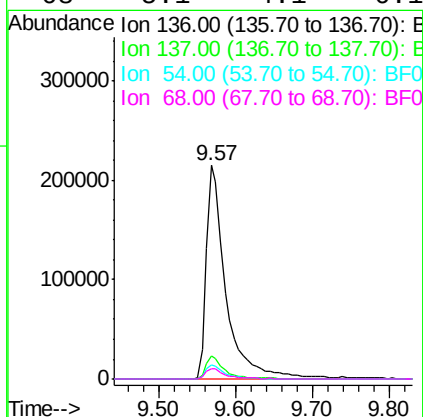
Instrument :
BNA_F
ClientSampleId :

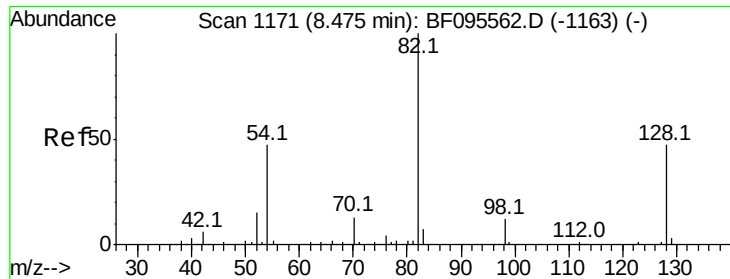
Tot Ion: 70 Resp: 72413
Ion Ratio Lower Upper
70 100
42 43.2 47.2 70.8#
101 0.0 7.2 10.8#
130 1.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095615.D
Acq: 2 Jun 2017 3:21

Tgt Ion:136 Resp: 380883
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.6 4.9 7.3
68 5.1 4.1 6.1

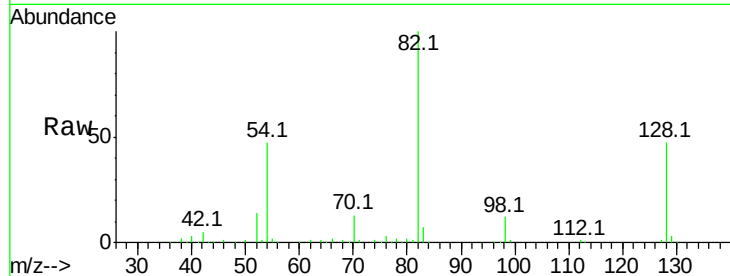




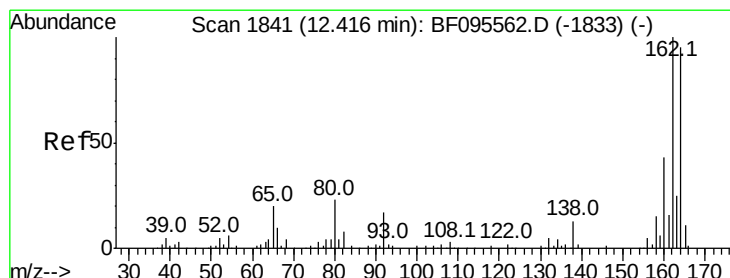
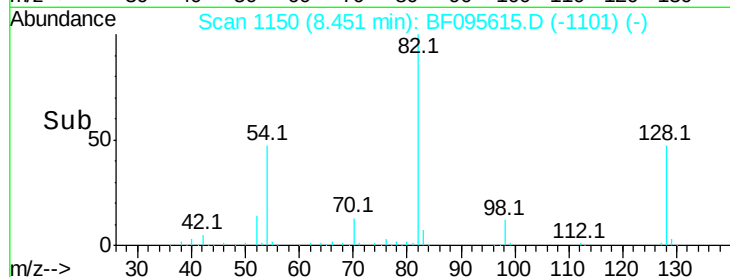
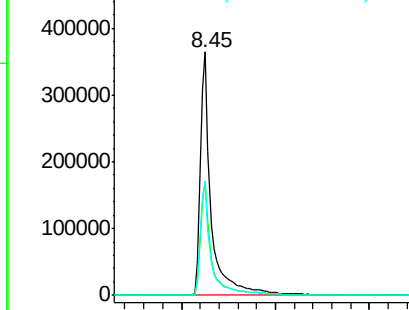
#23
 Nitrobenzene-d5
 Concen: 99.25 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	599457
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	46.8	42.2	63.2

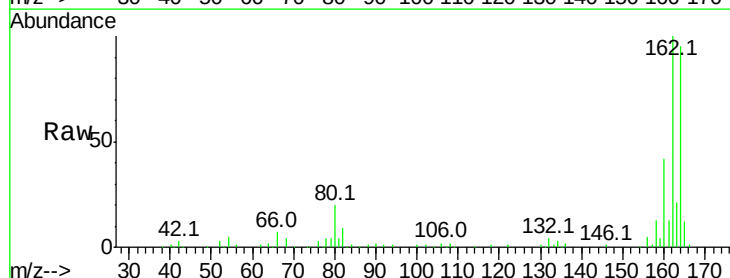


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

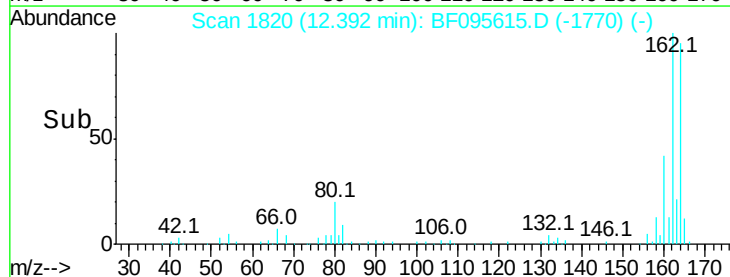
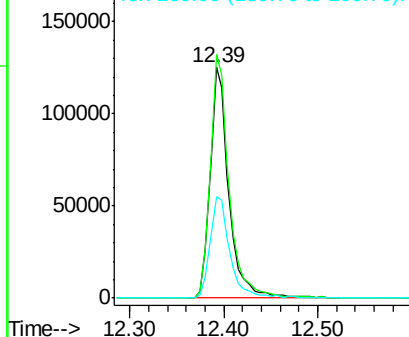


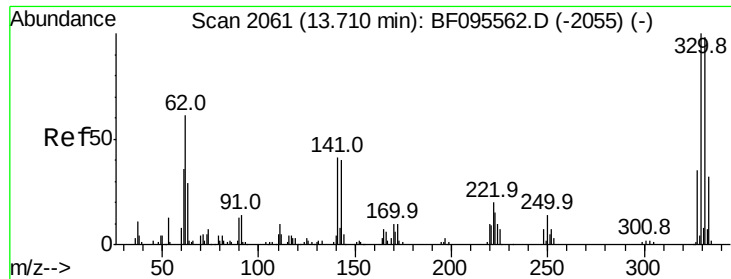
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Tgt Ion	164	Resp	175892
Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	44.3	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

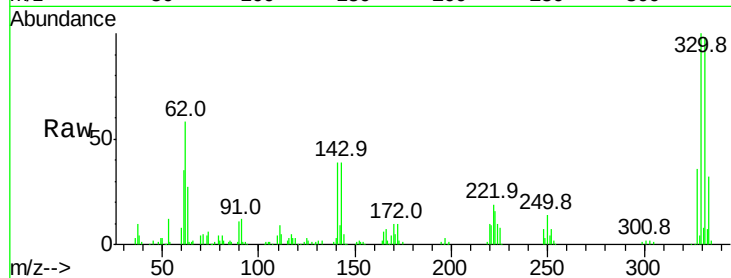




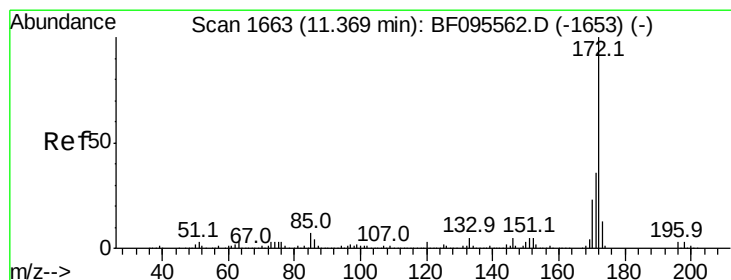
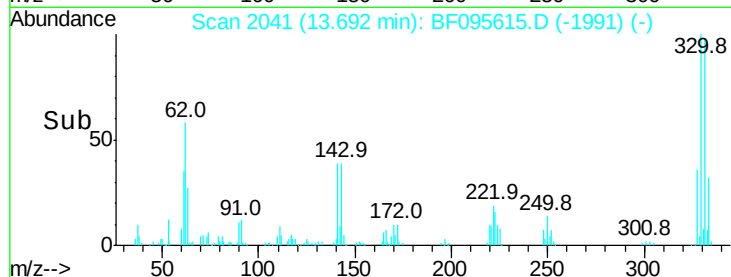
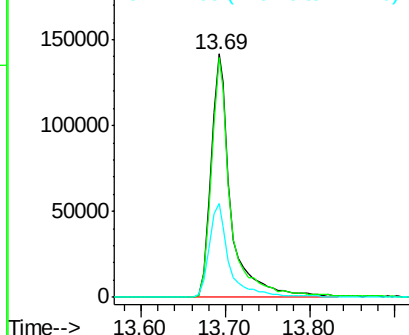
#41
 2,4,6-Tribromophenol
 Concen: 163.56 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	39.8	31.4	47.2

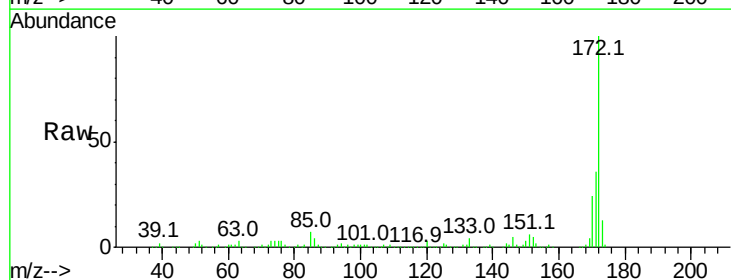


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

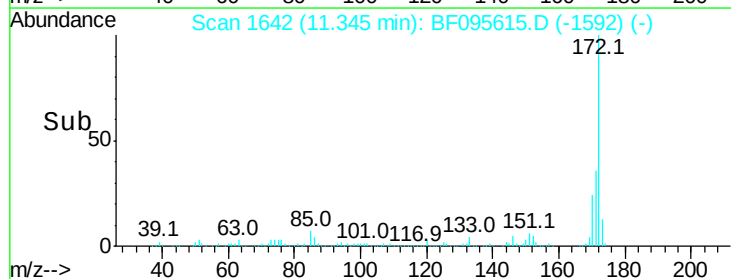
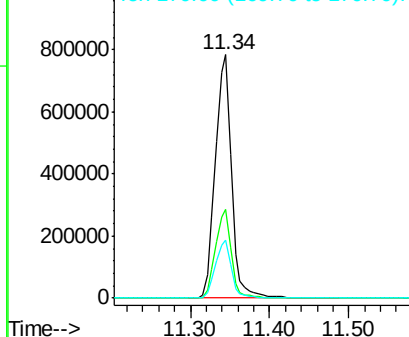


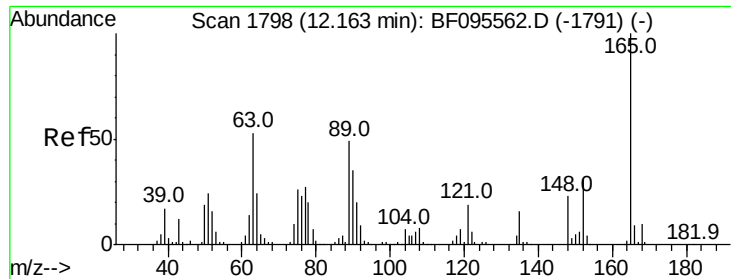
#44
 2-Fluorobiphenyl
 Concen: 91.61 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.6	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

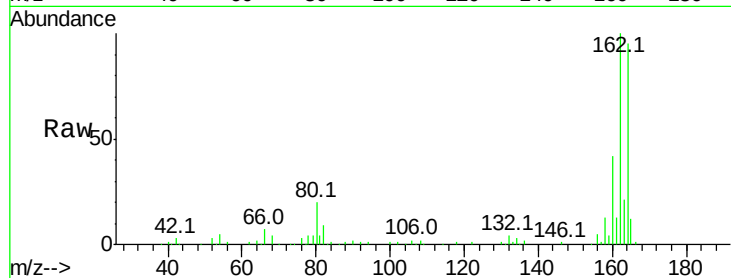




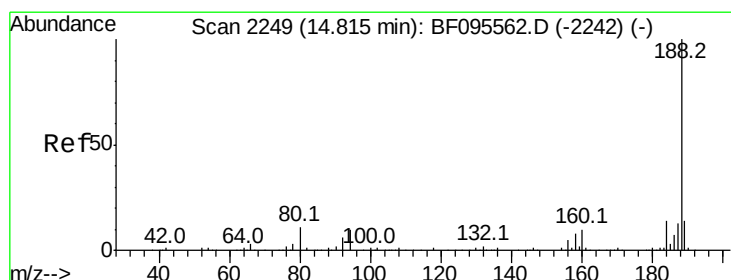
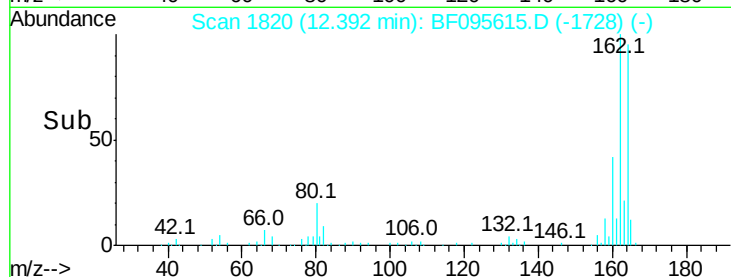
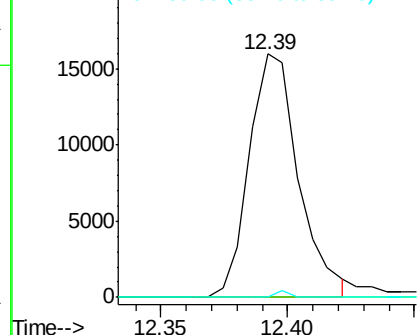
#50
 2,6-Dinitrotoluene
 Concen: 7.36 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.24 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21674
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

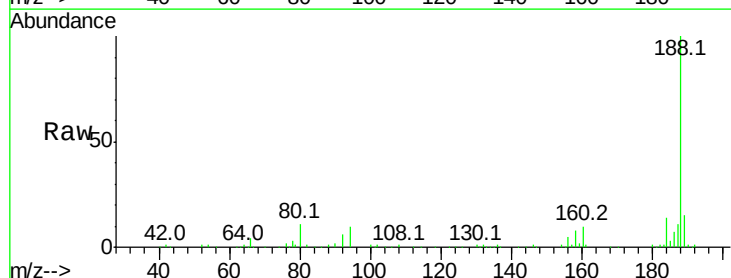


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

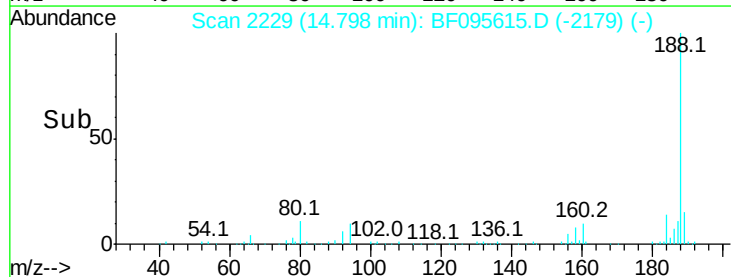
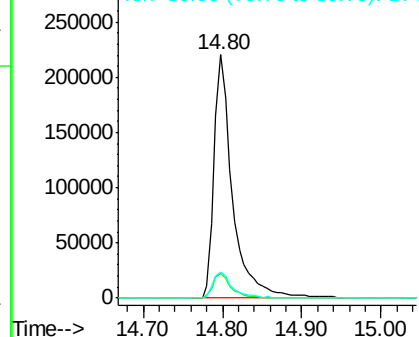


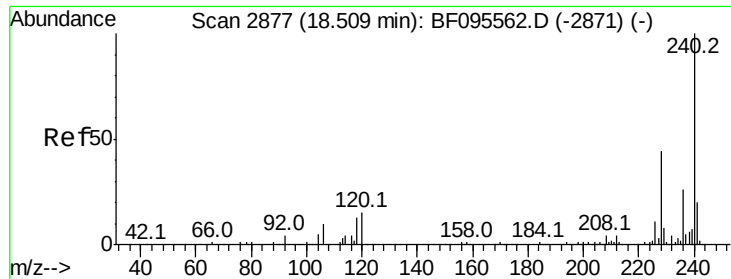
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Tgt Ion:188 Resp: 357208
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.8 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

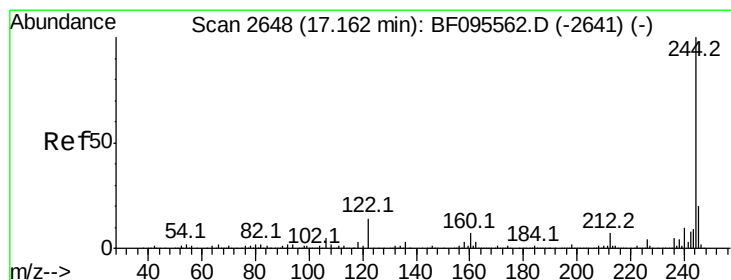
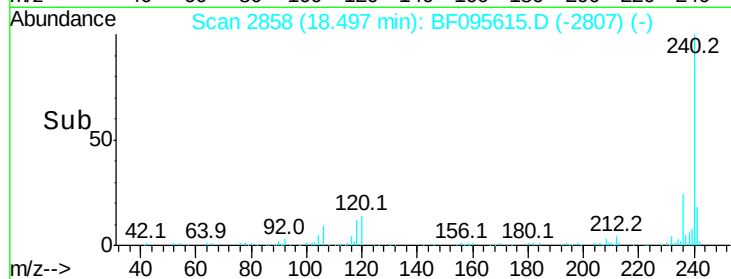
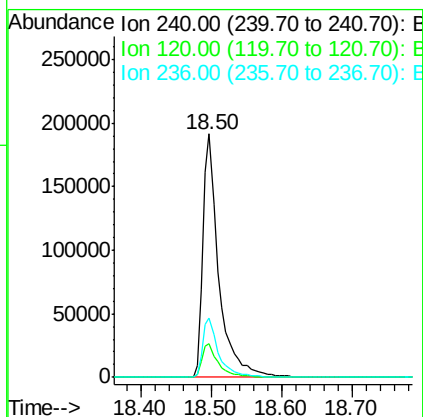
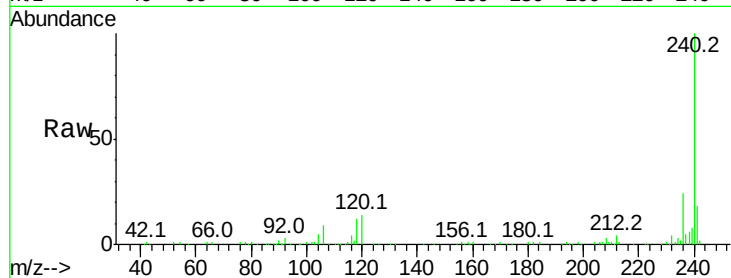




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

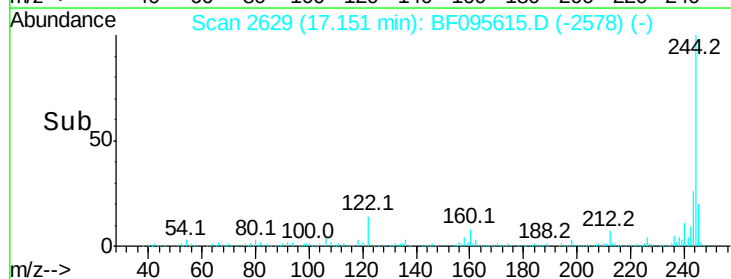
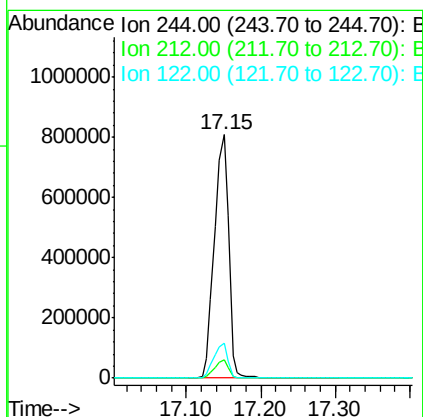
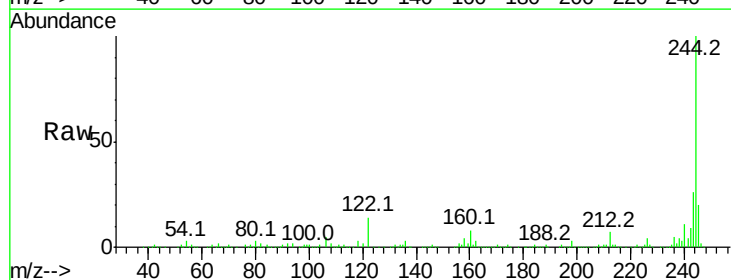
Instrument :
 BNA_F
 ClientSampleID :

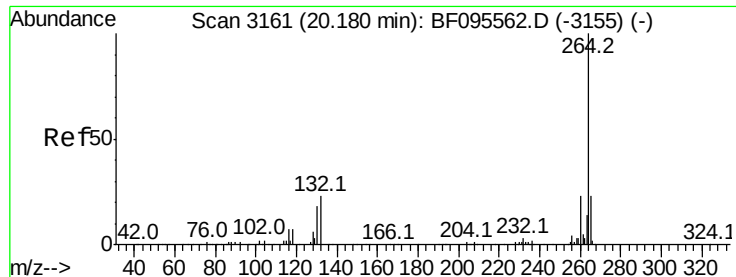
Tot Ion:240 Resp: 301054
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 24.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 78.57 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Tgt Ion:244 Resp: 1073870
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.1 10.3 15.5

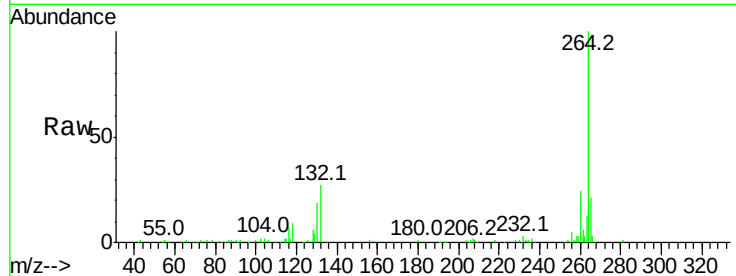




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	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

