

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095600.D
 Acq On : 1 Jun 2017 18:05
 Operator : SJ/MA
 Sample : I3379-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 01:24:27 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

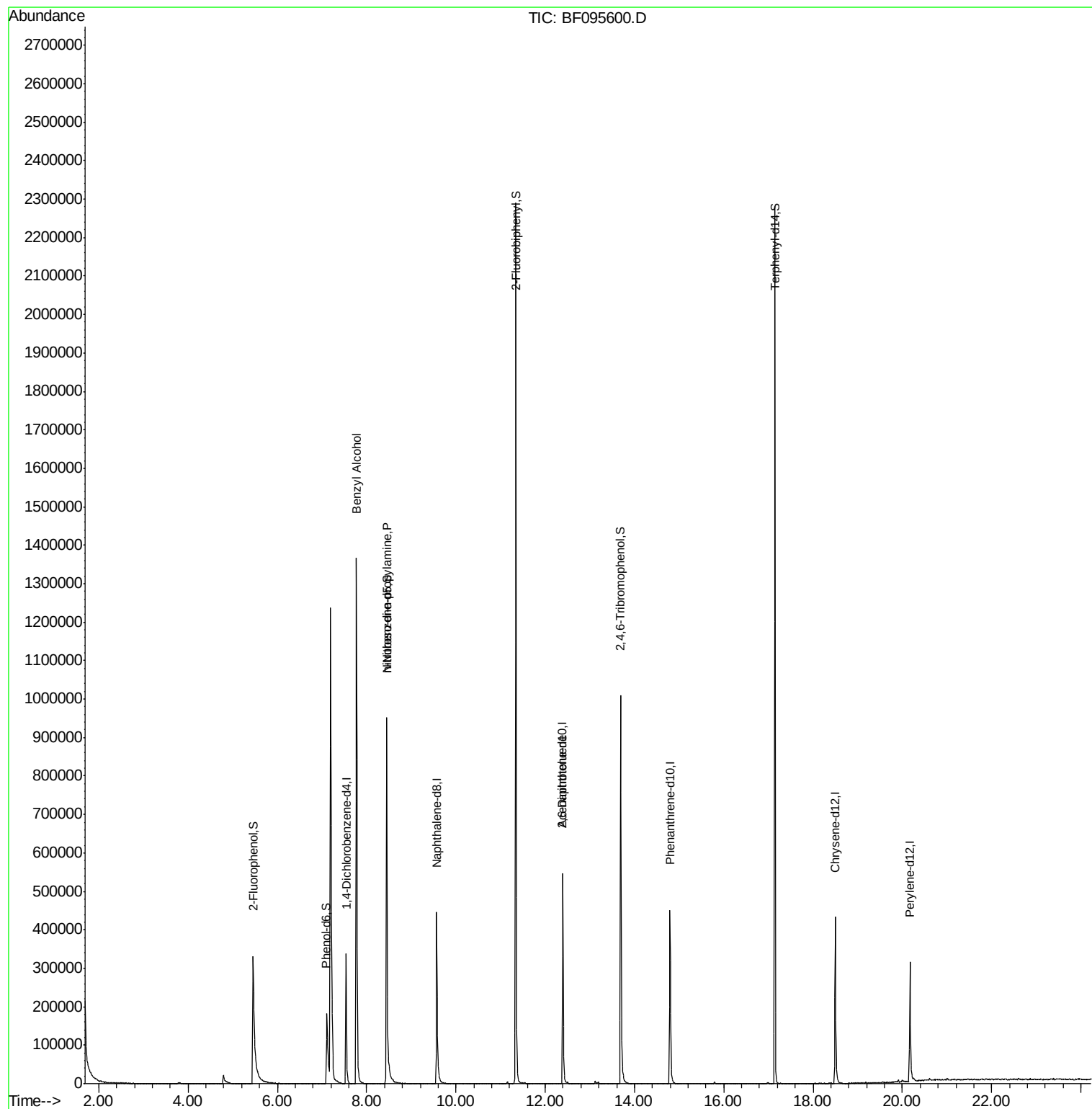
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	85526	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	365176	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	172767	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	281998	20.00	ng	0.00
75) Chrysene-d12	18.50	240	247123	20.00	ng	0.00
86) Perylene-d12	20.17	264	169433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	301575	58.79	ng	0.01
7) Phenol-d6	7.10	99	216415	35.16	ng	0.00
23) Nitrobenzene-d5	8.45	82	526537	90.92	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	182972	129.32	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1058429	88.18	ng	0.00
78) Terphenyl-d14	17.15	244	906795	80.82	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.77	79	7940	2.01	ng	# 39
19) n-Nitroso-di-n-propylamine	8.45	70	64013	15.38	ng	# 75
50) 2,6-Dinitrotoluene	12.39	165	21555	7.45	ng	# 31

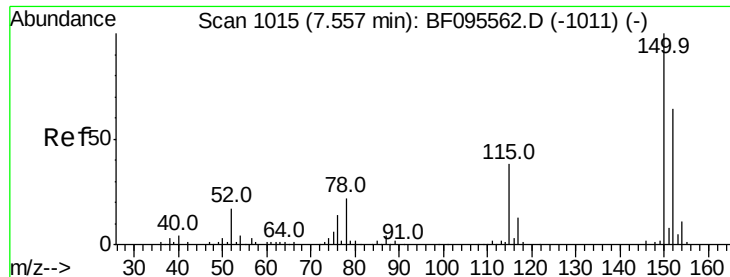
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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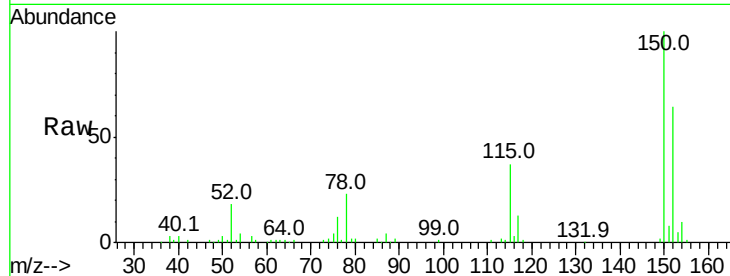


#1

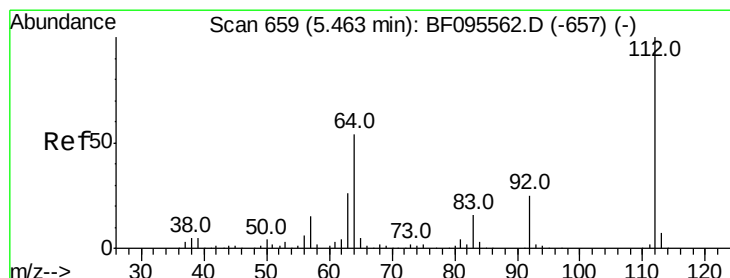
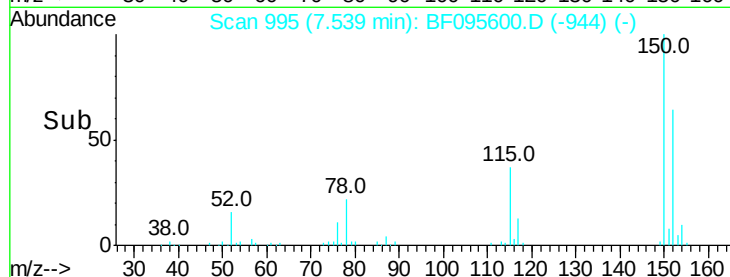
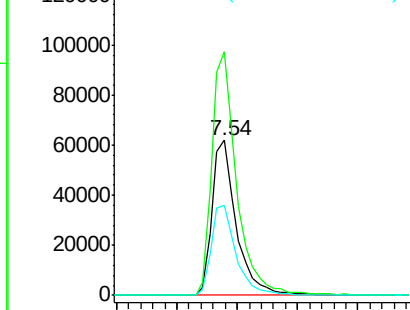
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.54 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF095600.D
 Acq: 1 Jun 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	58.0	52.2	78.2



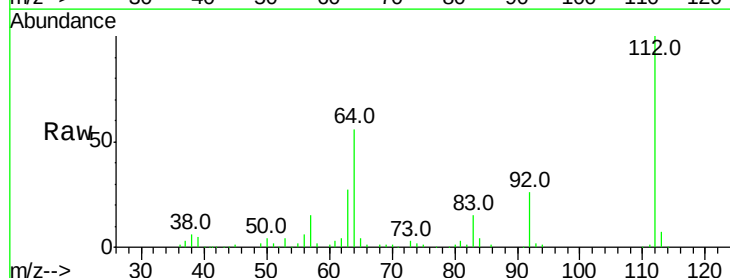
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



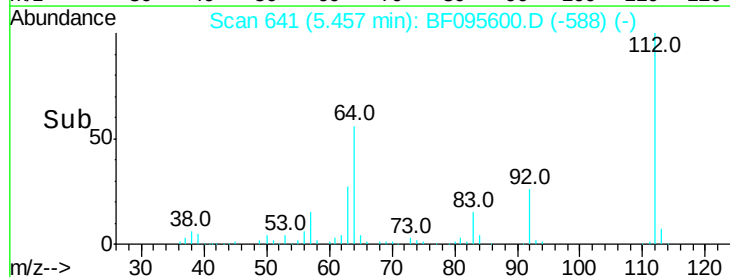
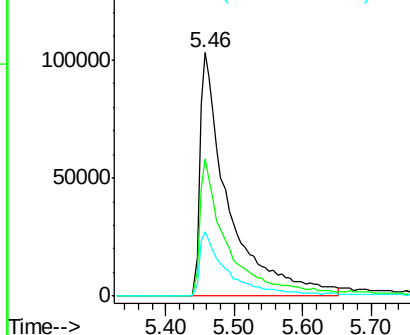
#5

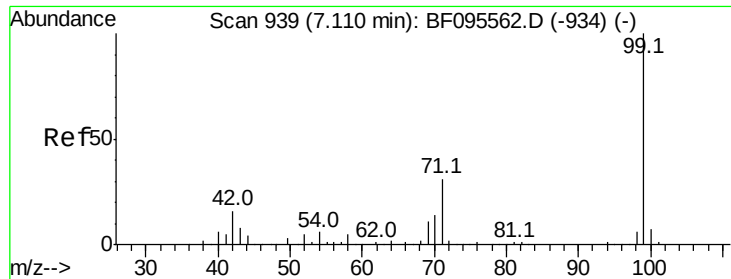
2-Fluorophenol
 Concen: 58.79 ng
 RT: 5.46 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF095600.D
 Acq: 1 Jun 2017 18:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	26.7	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: 35.16 ng

RT: 7.10 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF095600.D

Acq: 1 Jun 2017 18:05

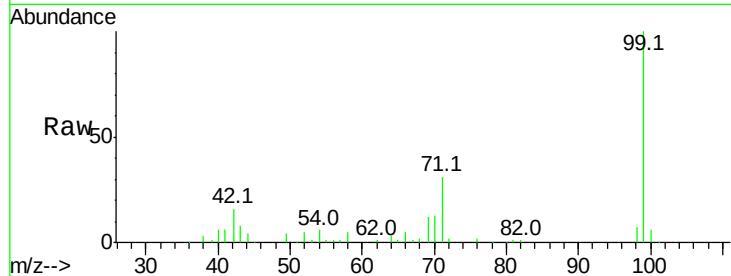
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 216415

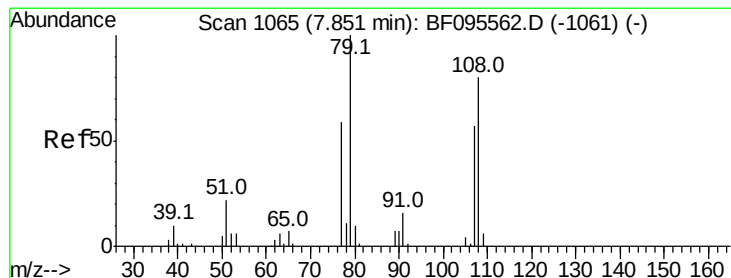
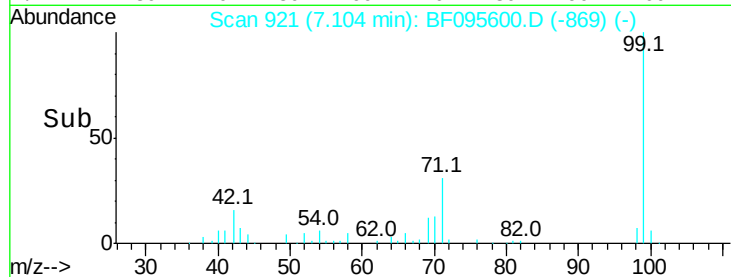
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	31.1	24.5	36.7



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

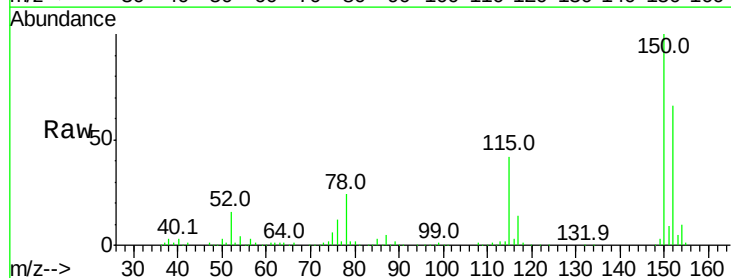
Delta R.T. -0.06 min

Lab File: BF095600.D

Acq: 1 Jun 2017 18:05

Tgt Ion: 79 Resp: 7940

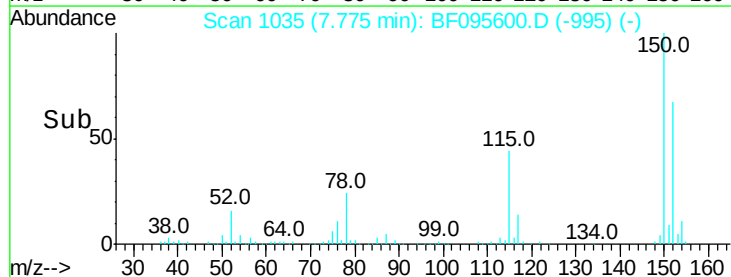
Ion	Ratio	Lower	Upper
79	100		
108	33.1	63.4	95.0#
77	116.5	49.2	73.8#

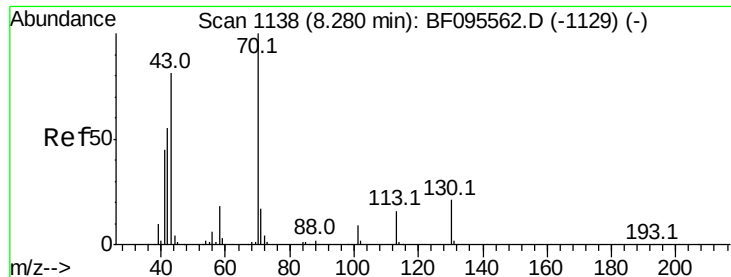


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 15.38 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095600.D

Acq: 1 Jun 2017 18:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 64013

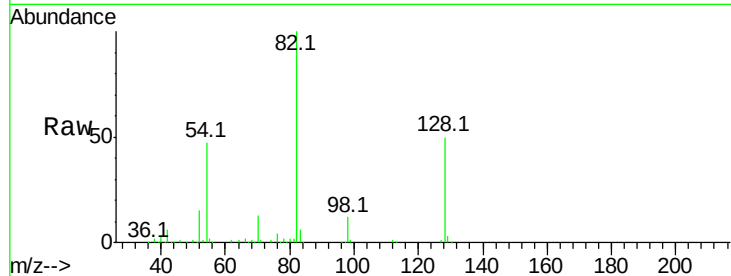
Ion Ratio Lower Upper

70 100

42 43.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

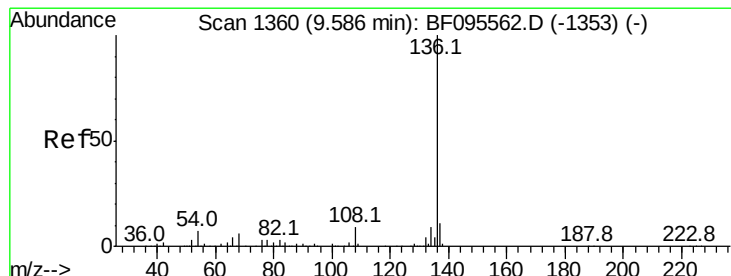
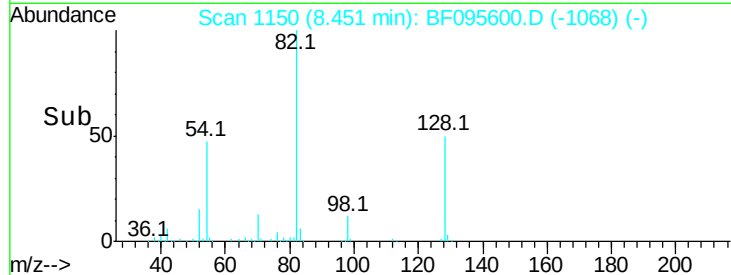
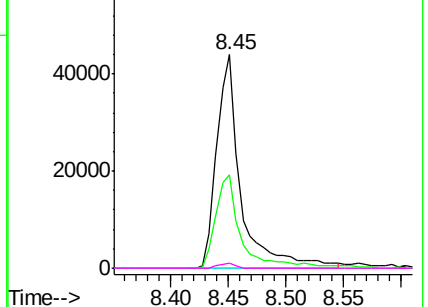


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095600.D

Acq: 1 Jun 2017 18:05

Tgt Ion:136 Resp: 365176

Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.1 4.9 7.3

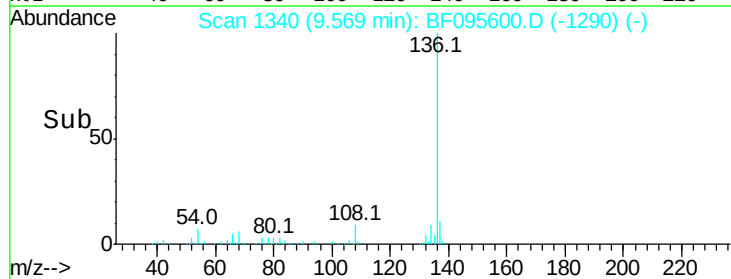
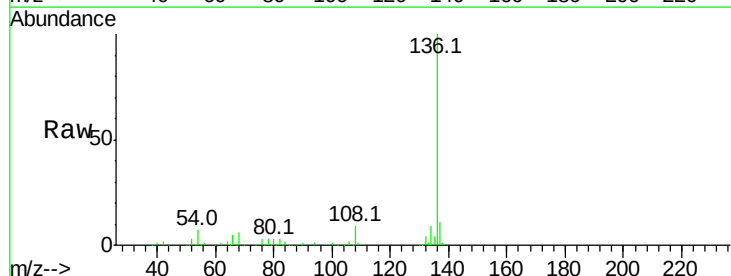
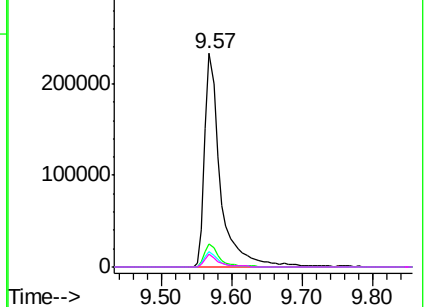
68 5.8 4.1 6.1

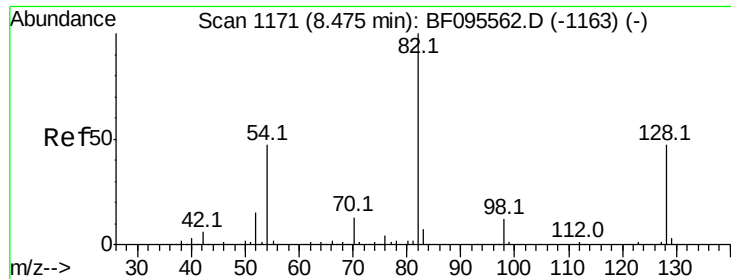
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

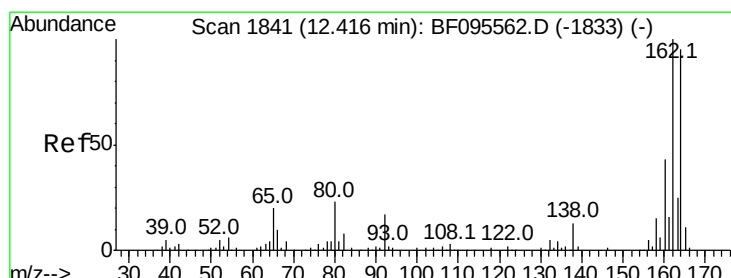
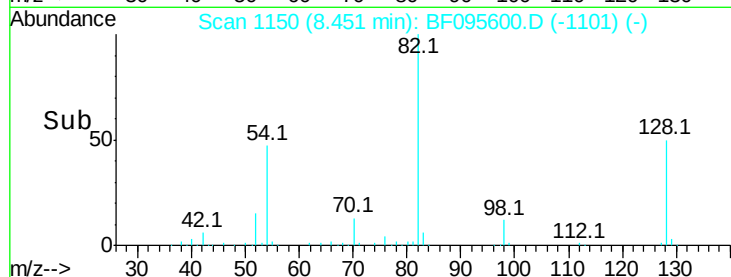
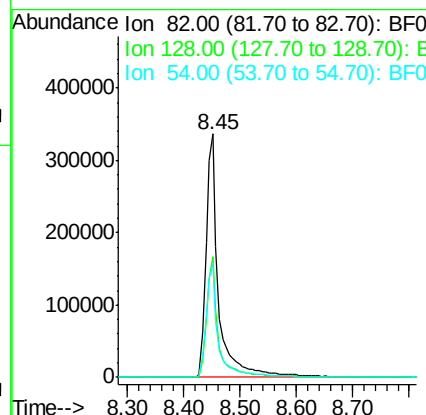
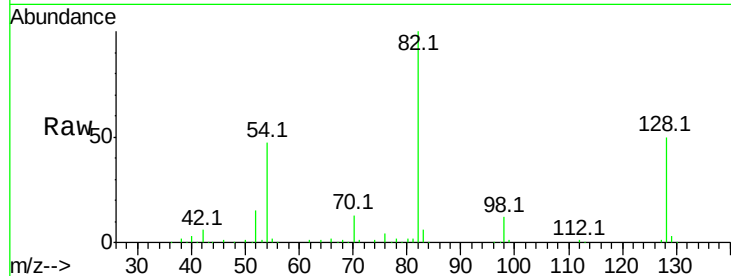




#23
Nitrobenzene-d5
Concen: 90.92 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

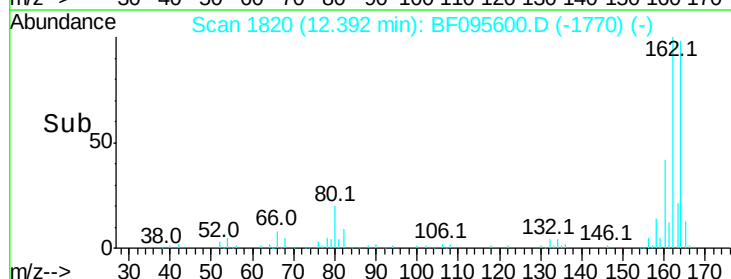
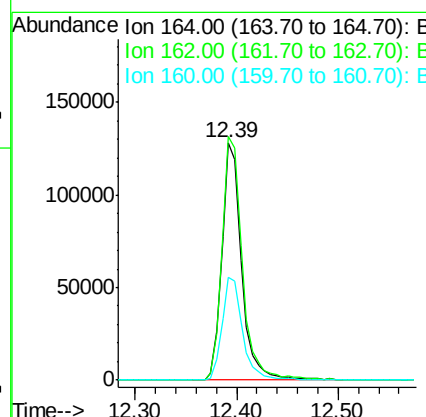
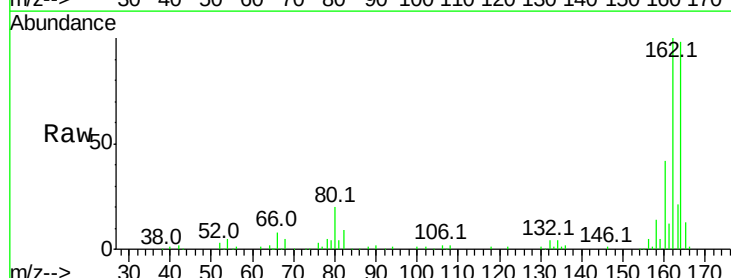
Instrument :
BNA_F
ClientSampled :

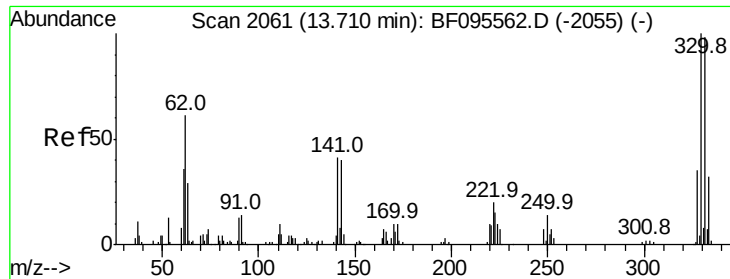
Tot Ion: 82 Resp: 526537
Ion Ratio Lower Upper
82 100
128 49.5 34.0 51.0
54 46.7 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Tgt Ion:164 Resp: 172767
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 43.5 36.2 54.2

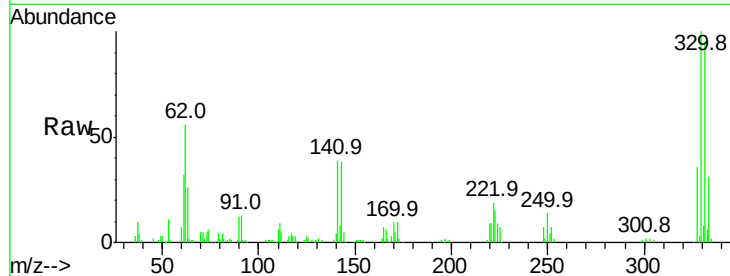




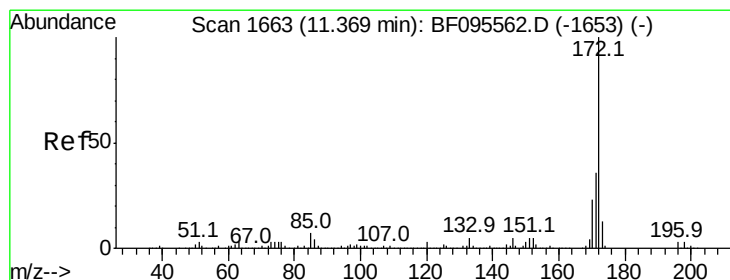
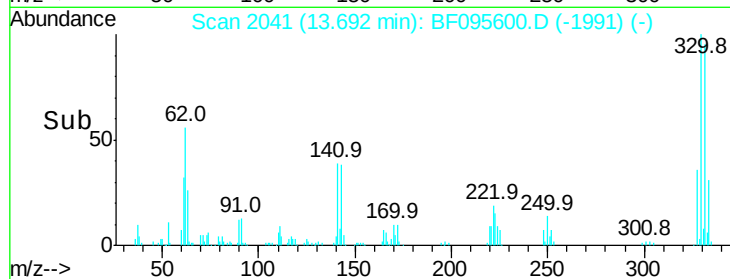
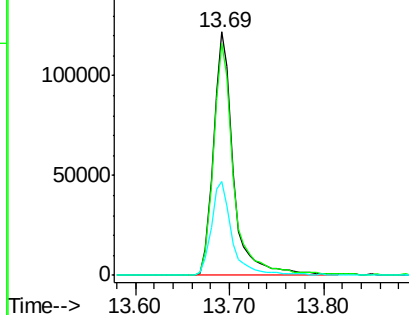
#41
 2,4,6-Tribromophenol
 Concen: 129.32 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095600.D
 Acq: 1 Jun 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 182972
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 40.0 31.4 47.2

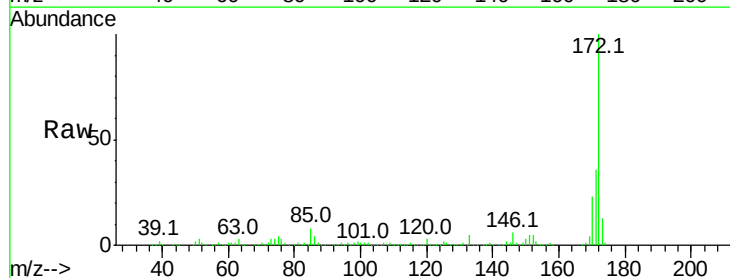


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

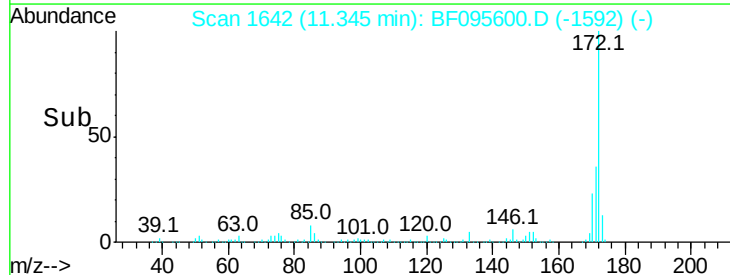
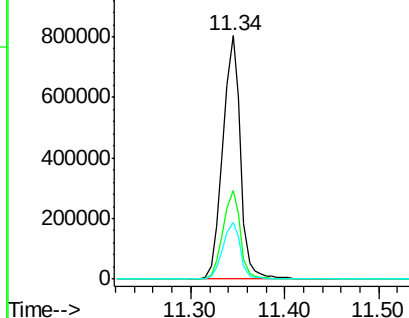


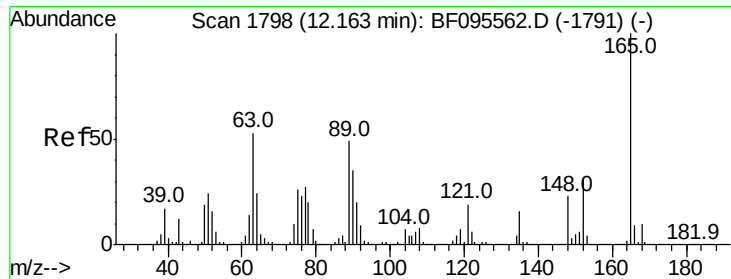
#44
 2-Fluorobiphenyl
 Concen: 88.18 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095600.D
 Acq: 1 Jun 2017 18:05

Tgt Ion:172 Resp: 1058429
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.1 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

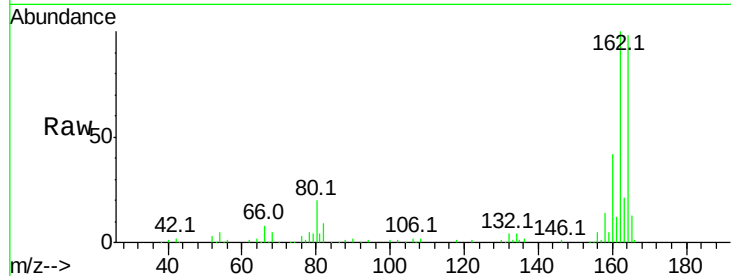




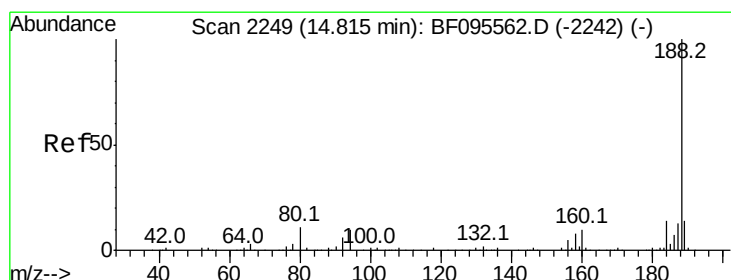
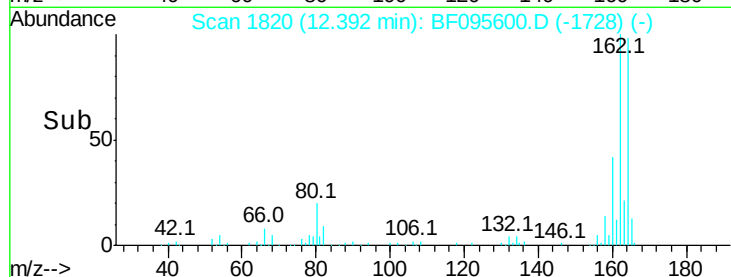
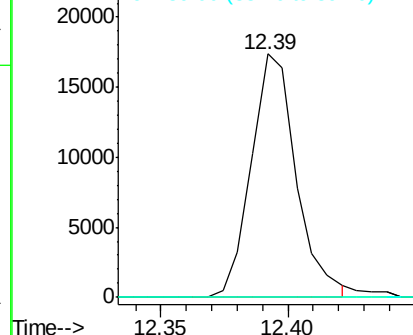
#50
 2,6-Dinitrotoluene
 Concen: 7.45 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.24 min
 Lab File: BF095600.D
 Acq: 1 Jun 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21555
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

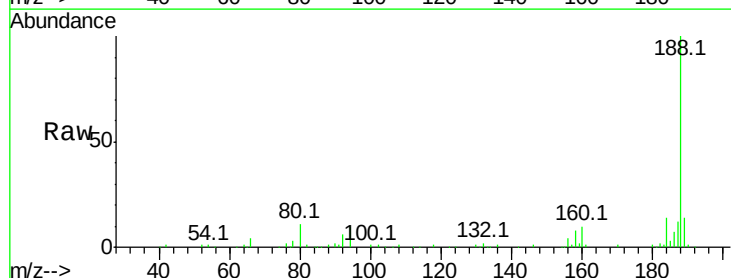


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

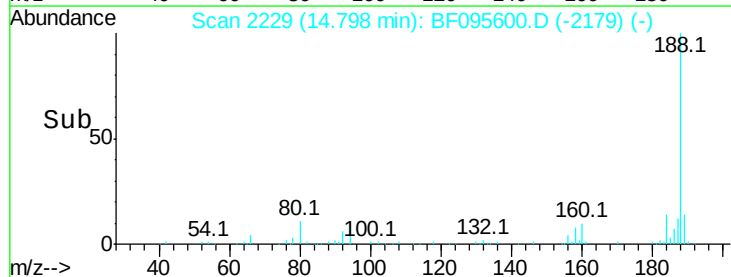
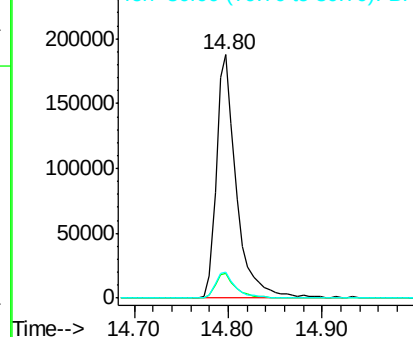


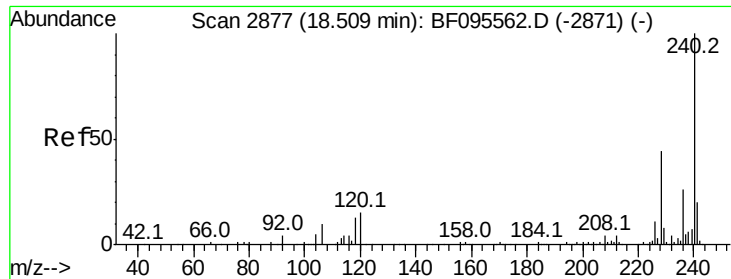
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095600.D
 Acq: 1 Jun 2017 18:05

Tgt Ion:188 Resp: 281998
 Ion Ratio Lower Upper
 188 100
 94 9.9 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: BF095600.D

Acq: 1 Jun 2017 18:05

Instrument :

BNA_F

ClientSampleId :

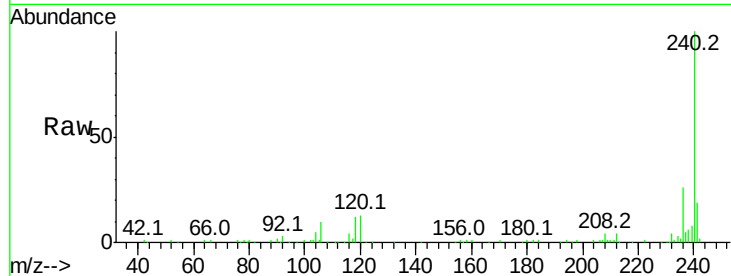
Tot Ion:240 Resp: 247123

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

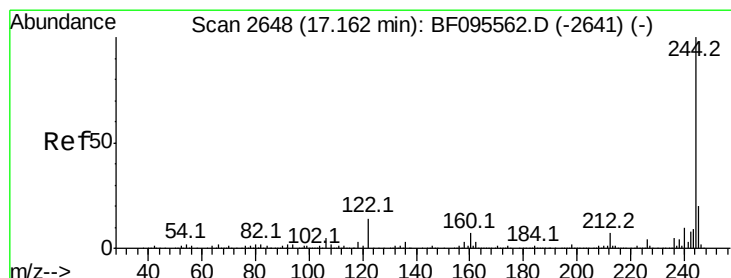
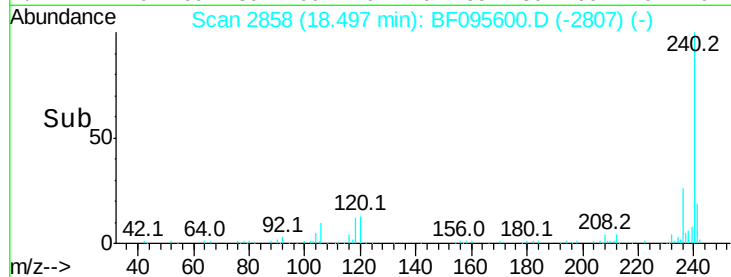
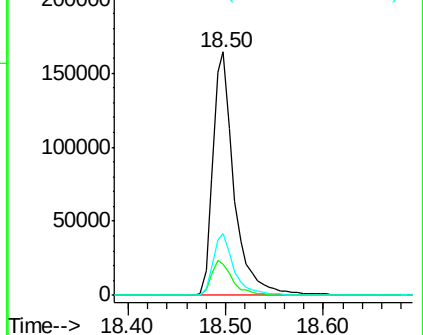
236 25.7 20.5 30.7



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: 80.82 ng

RT: 17.15 min Scan# 2629

Delta R.T. -0.00 min

Lab File: BF095600.D

Acq: 1 Jun 2017 18:05

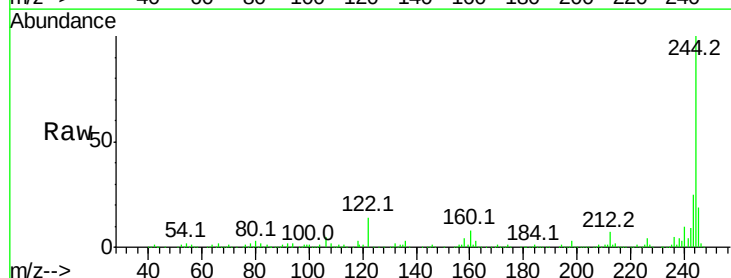
Tgt Ion:244 Resp: 906795

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

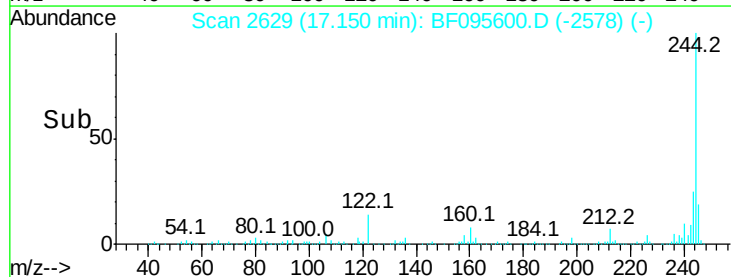
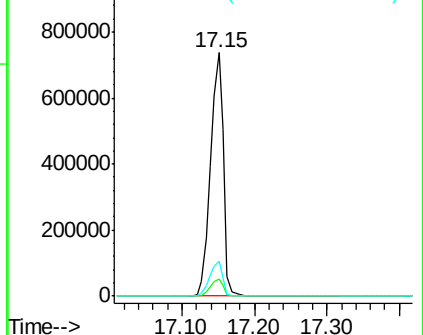
122 14.3 10.3 15.5

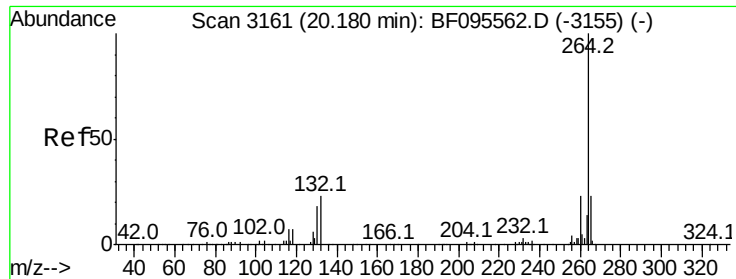


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

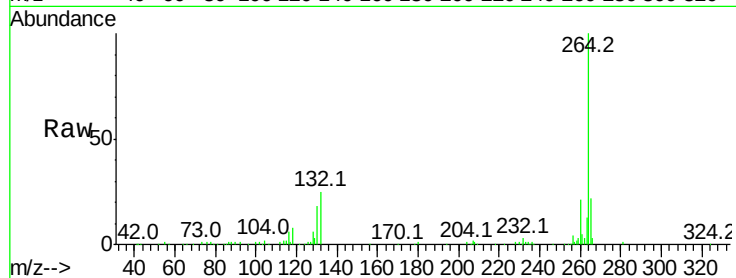




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095600.D
 Acq: 1 Jun 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.5	29.3
265	21.8	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

