

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095634.D
 Acq On : 2 Jun 2017 15:16
 Operator : SJ/MA
 Sample : PB99404BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 03 01:30:36 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

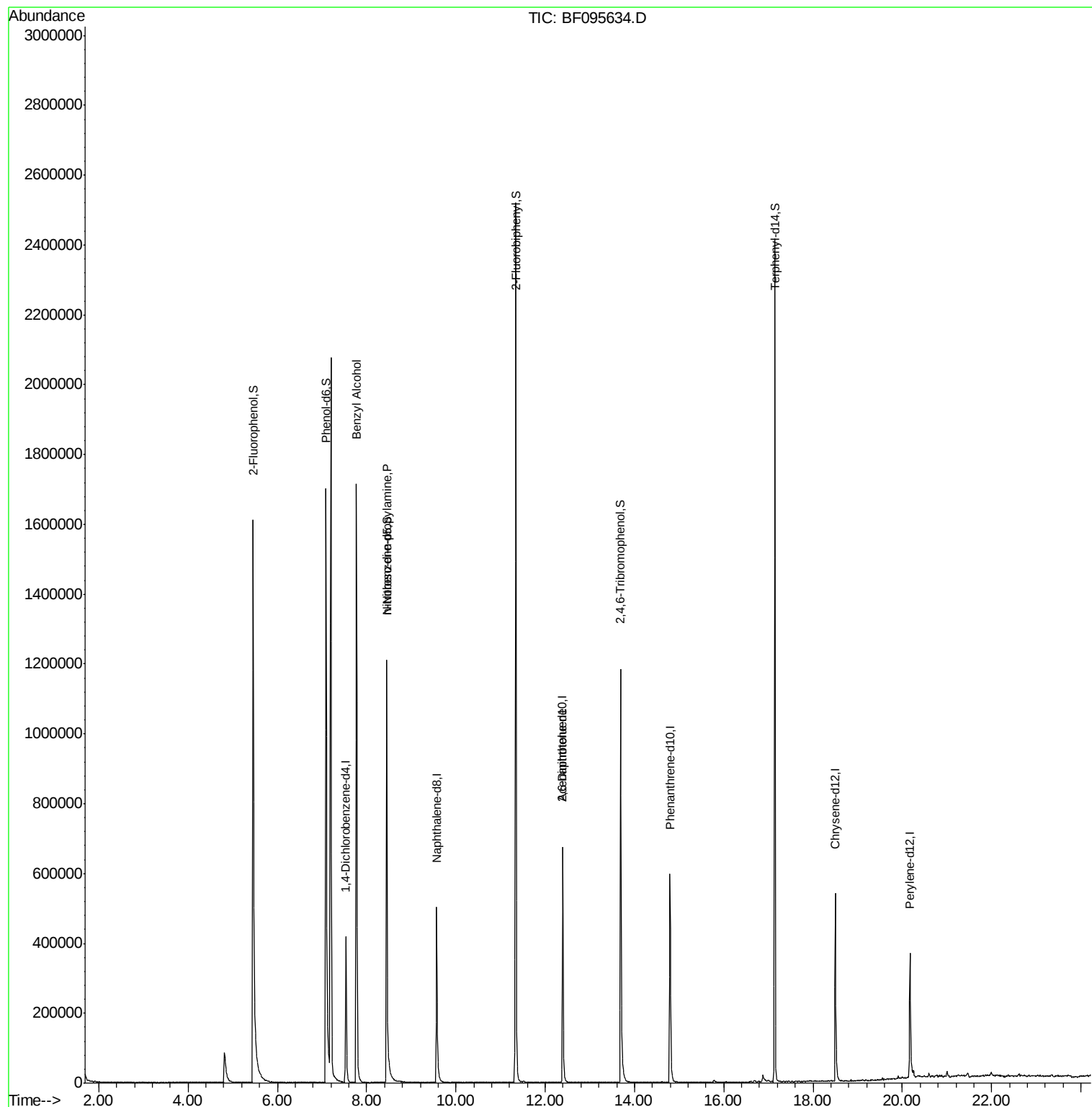
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	104009	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	423223	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	203988	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	383788	20.00	ng	0.00
75) Chrysene-d12	18.50	240	311599	20.00	ng	0.00
86) Perylene-d12	20.17	264	208102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	939135	150.54	ng	0.01
7) Phenol-d6	7.09	99	1095772	146.39	ng	0.00
23) Nitrobenzene-d5	8.45	82	647655	96.50	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	224475	134.37	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1272413	89.78	ng	0.00
78) Terphenyl-d14	17.15	244	1017002	71.89	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.77	79	10693	2.22	ng	# 33
19) n-Nitroso-di-n-propylamine	8.45	70	80668	15.93	ng	# 76
50) 2,6-Dinitrotoluene	12.39	165	25143	7.36	ng	# 33

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

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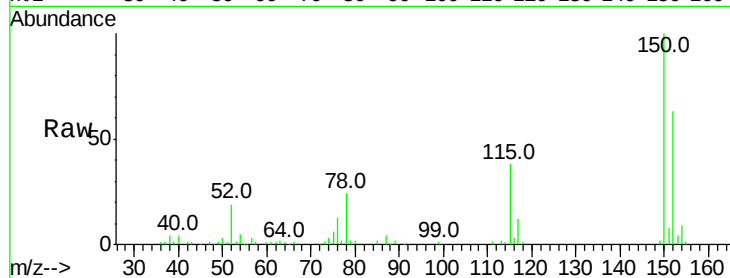


#1

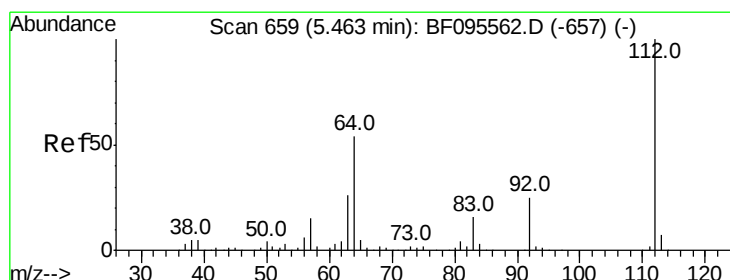
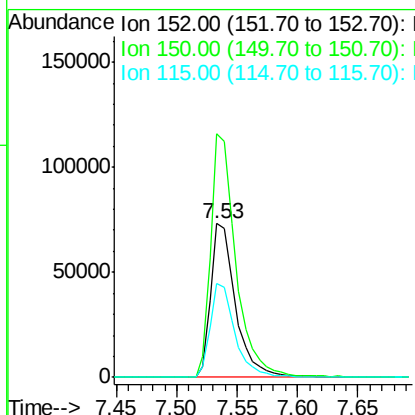
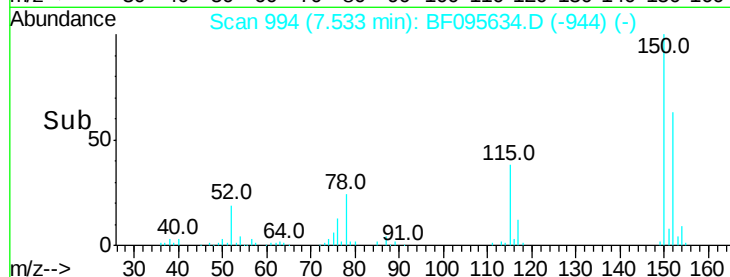
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF095634.D
Acq: 2 Jun 2017 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	60.6	52.2	78.2



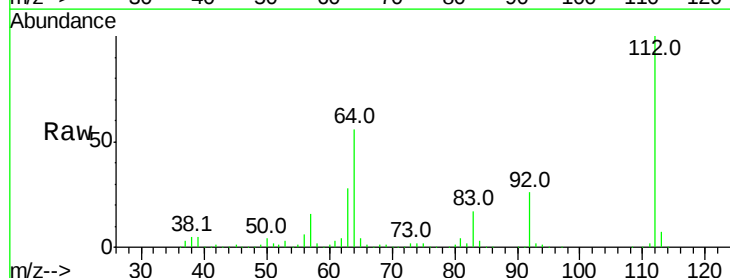
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



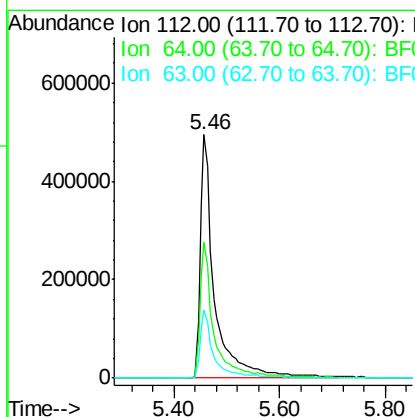
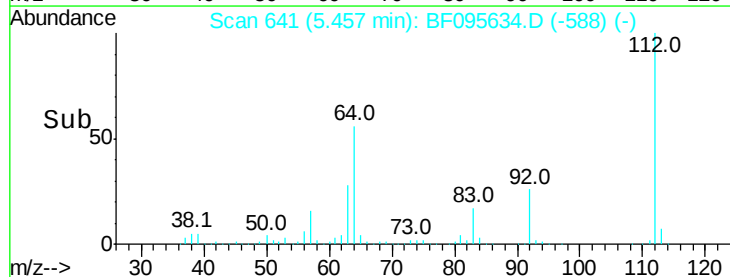
#5

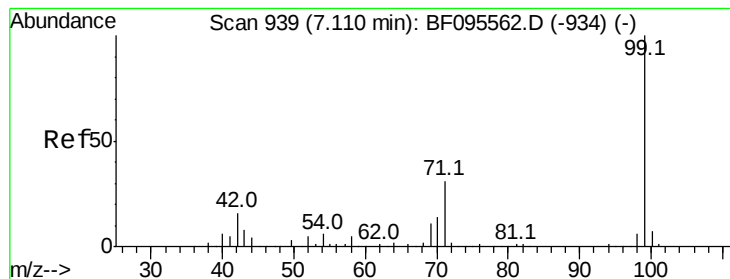
2-Fluorophenol
Concen: 150.54 ng
RT: 5.46 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF095634.D
Acq: 2 Jun 2017 15:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.0	69.0
63	27.9	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: 146.39 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095634.D

Acq: 2 Jun 2017 15:16

Instrument :

BNA_F

ClientSampleId :

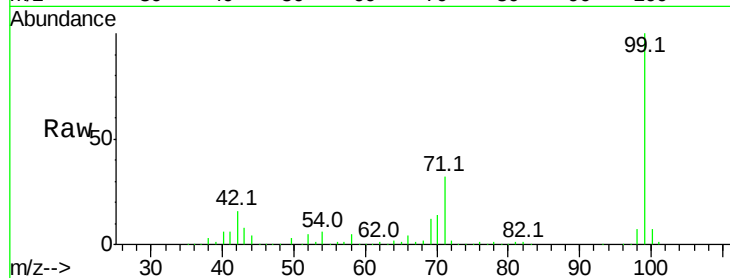
Tot Ion: 99 Resp: 1095772

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

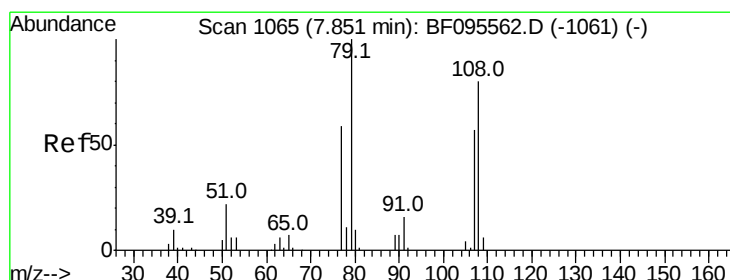
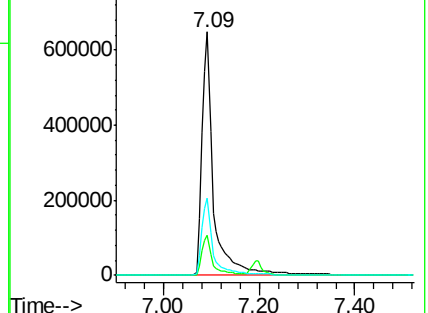
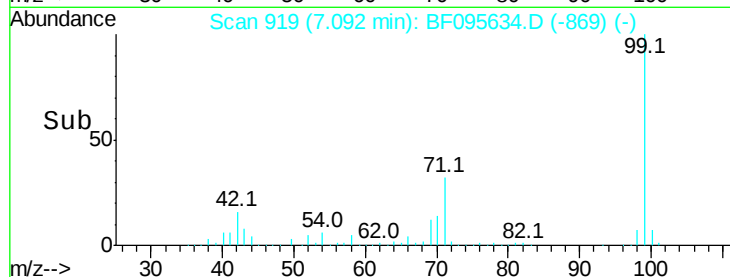
71 31.7 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 7.77 min Scan# 1035

Delta R.T. -0.06 min

Lab File: BF095634.D

Acq: 2 Jun 2017 15:16

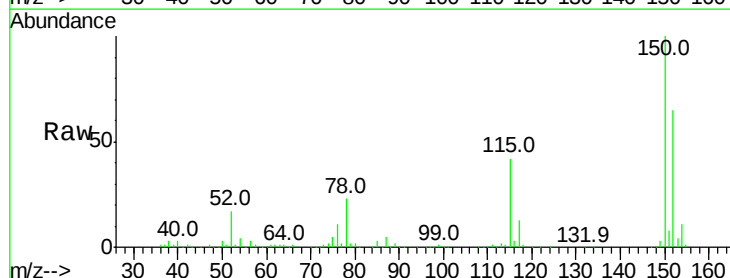
Tgt Ion: 79 Resp: 10693

Ion Ratio Lower Upper

79 100

108 30.2 63.4 95.0#

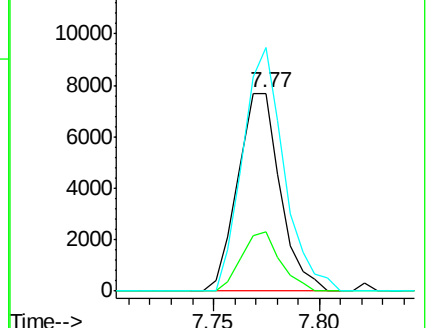
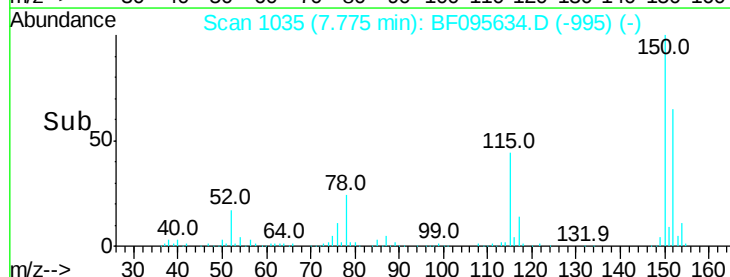
77 123.2 49.2 73.8#

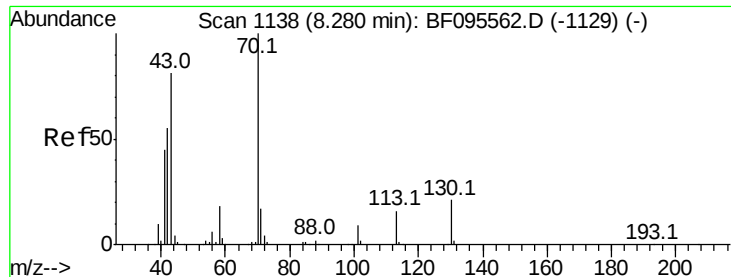


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

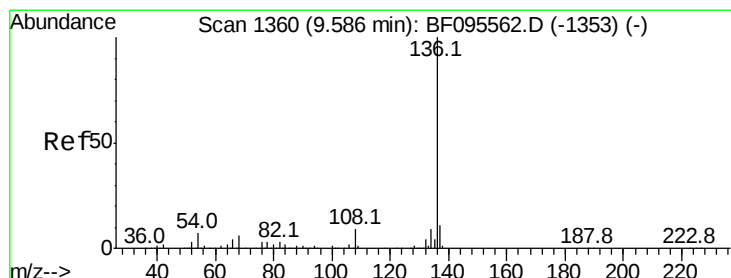
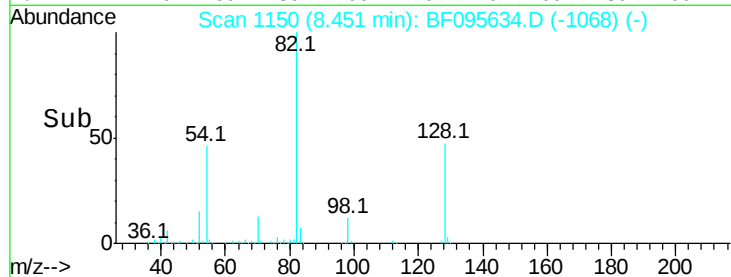
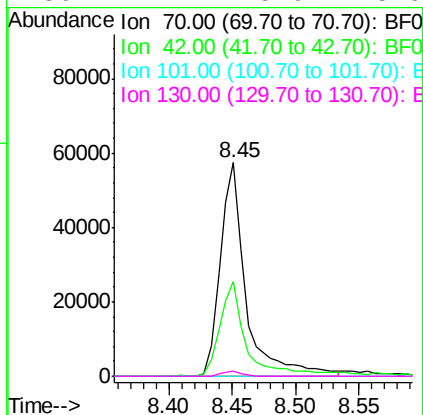
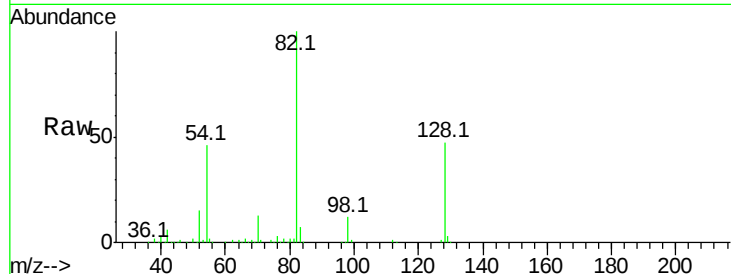




#19
n-Nitroso-di-n-propylamine
Concen: 15.93 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095634.D
Acq: 2 Jun 2017 15:16

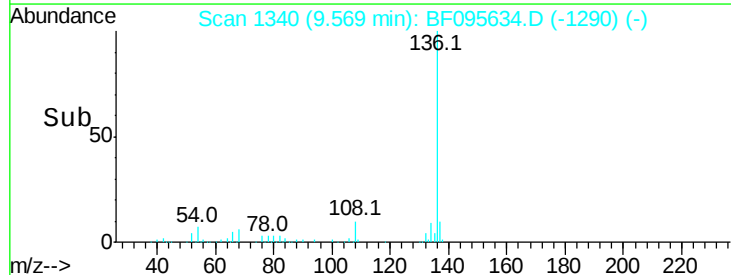
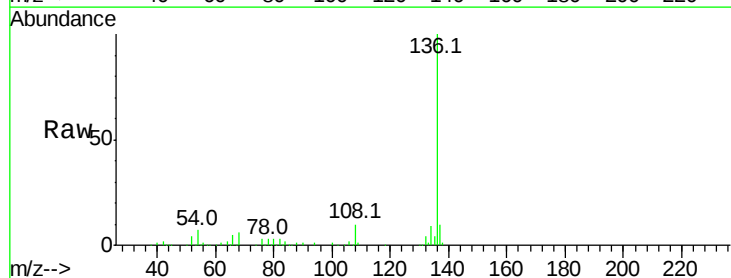
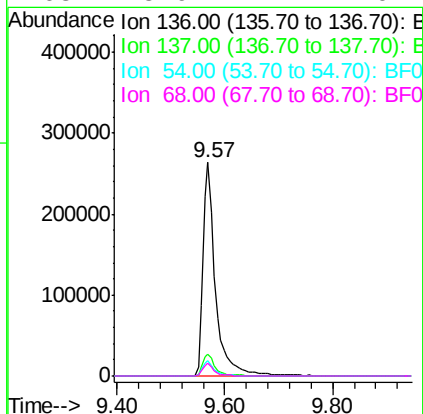
Instrument :
BNA_F
ClientSampleId :

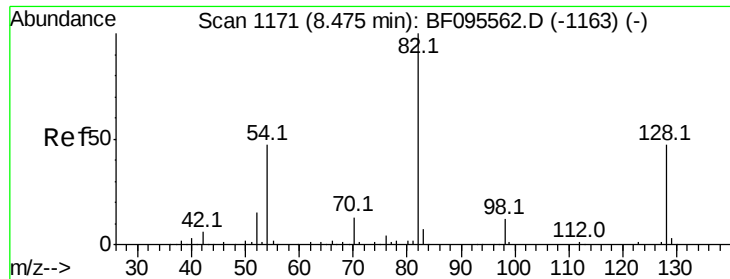
Tot Ion: 70 Resp: 80668
Ion Ratio Lower Upper
70 100
42 44.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095634.D
Acq: 2 Jun 2017 15:16

Tgt Ion: 136 Resp: 423223
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 7.1 4.9 7.3
68 5.9 4.1 6.1

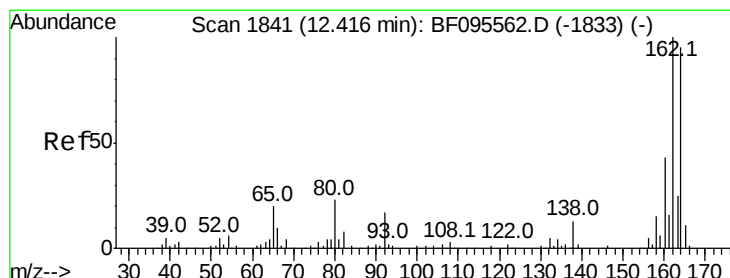
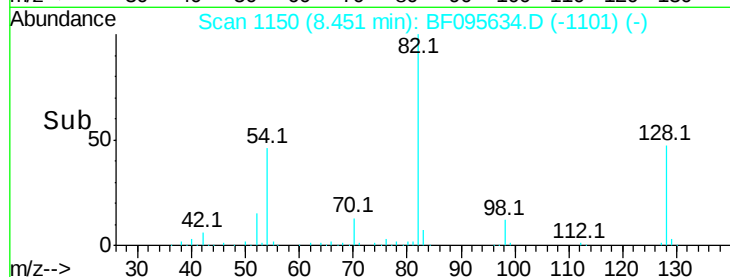
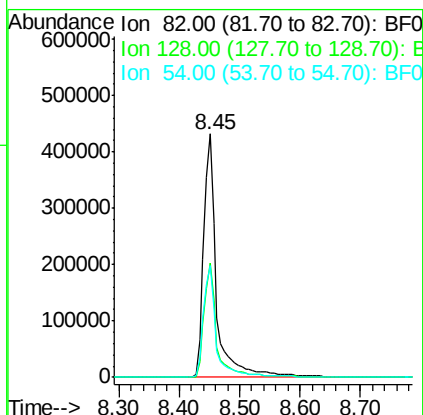
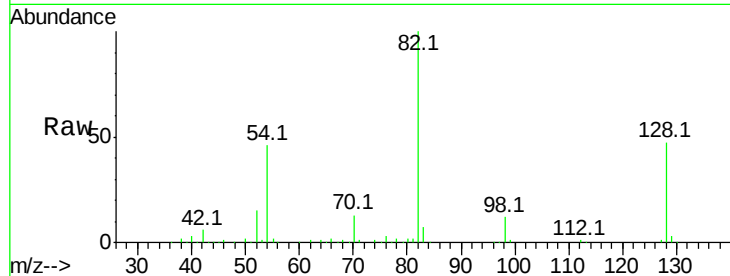




#23
 Nitrobenzene-d5
 Concen: 96.50 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095634.D
 Acq: 2 Jun 2017 15:16

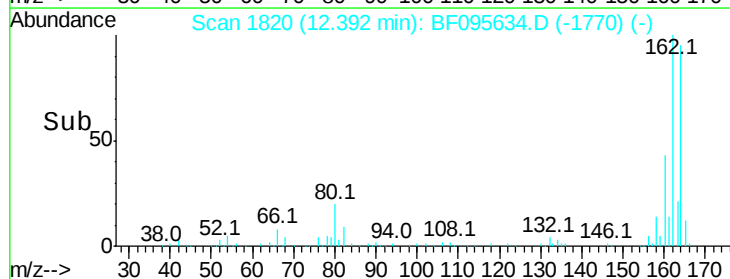
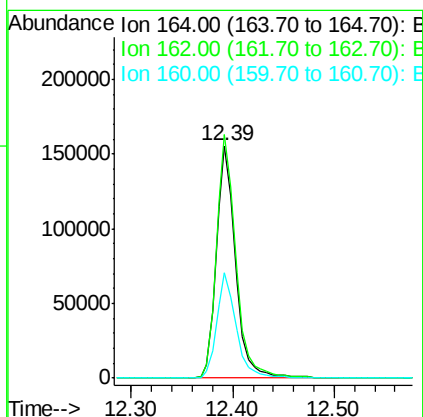
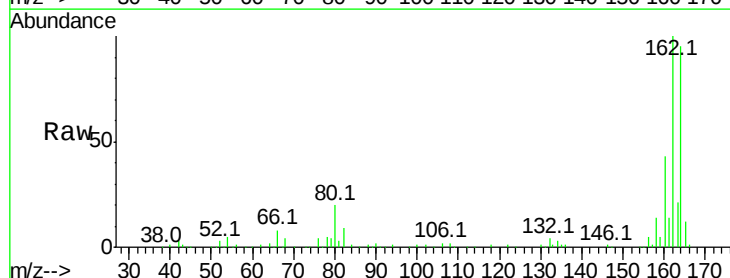
Instrument :
 BNA_F
 ClientSampled :

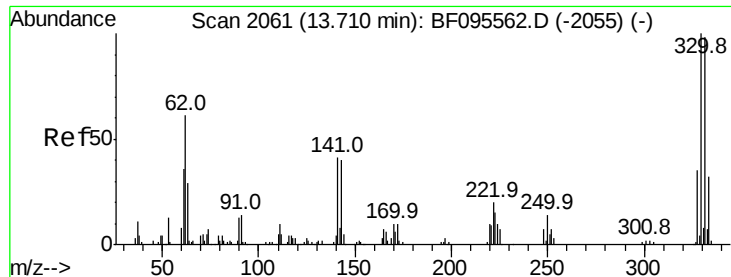
Tot Ion: 82 Resp: 647655
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 45.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095634.D
 Acq: 2 Jun 2017 15:16

Tgt Ion:164 Resp: 203988
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 45.3 36.2 54.2

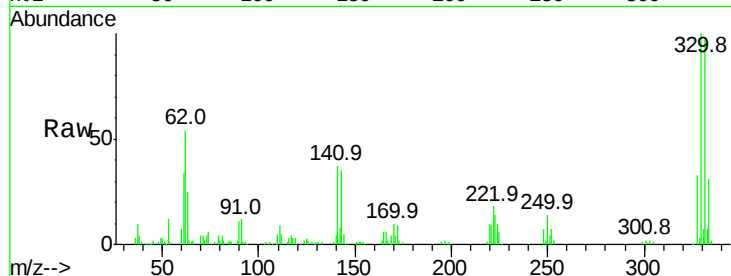




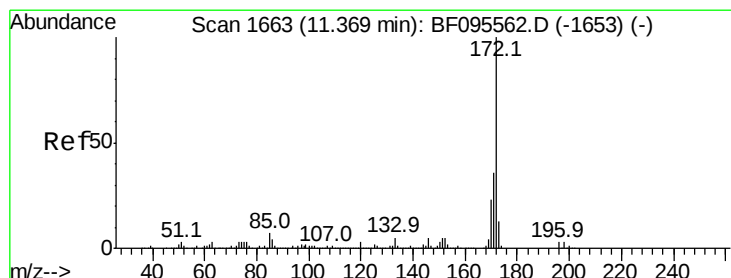
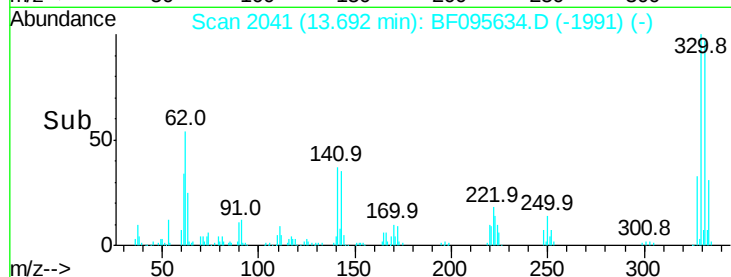
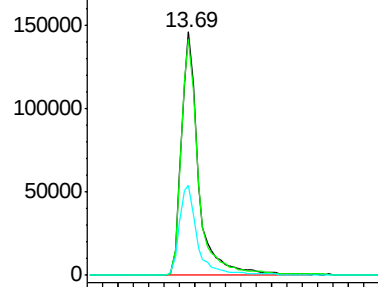
#41
 2,4,6-Tribromophenol
 Concen: 134.37 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095634.D
 Acq: 2 Jun 2017 15:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 224475
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 115.0
 141 38.4 31.4 47.2

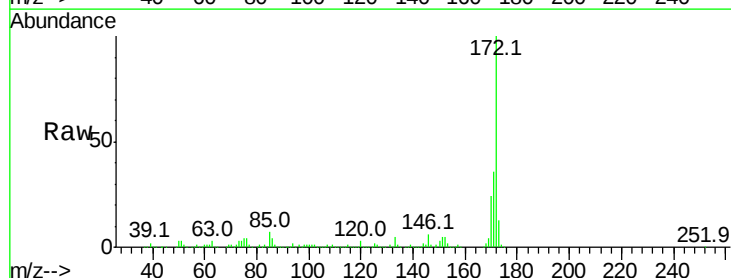


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

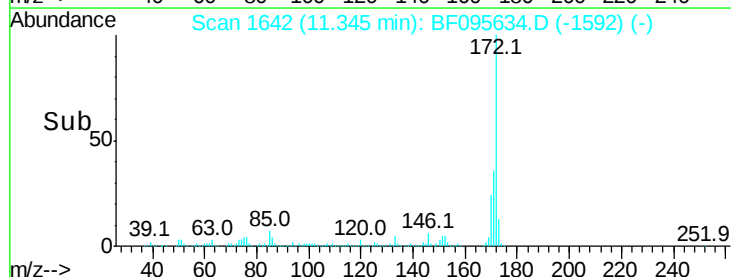
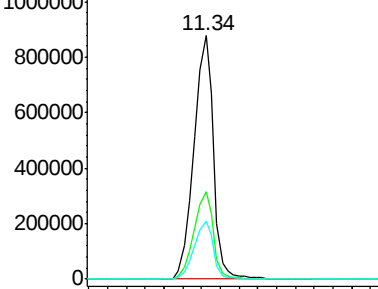


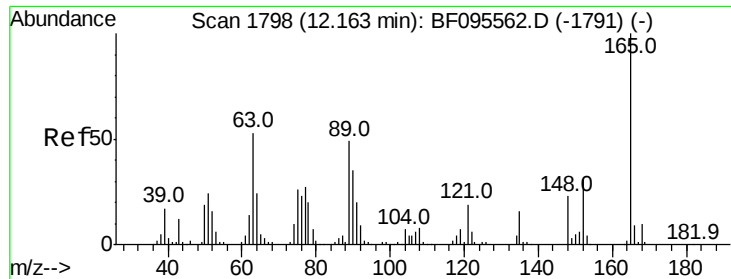
#44
 2-Fluorobiphenyl
 Concen: 89.78 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095634.D
 Acq: 2 Jun 2017 15:16

Tgt Ion:172 Resp: 1272413
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

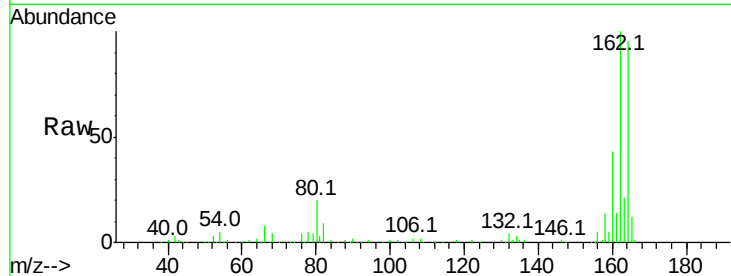




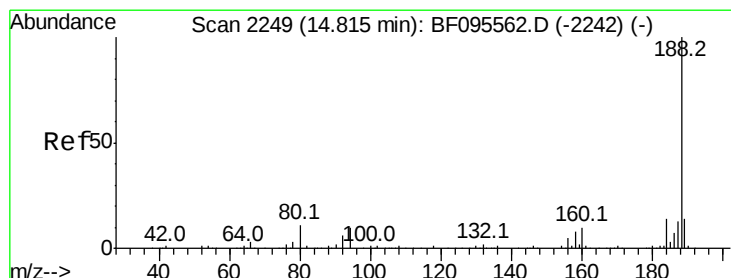
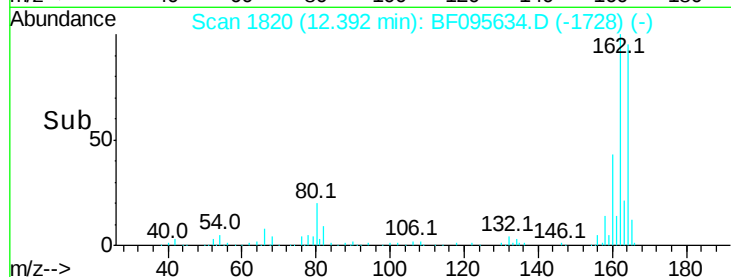
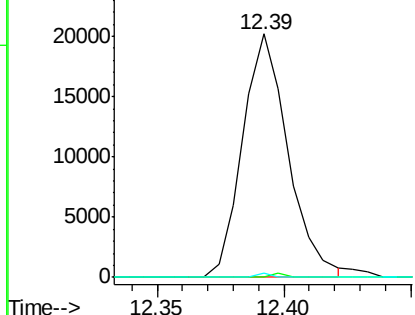
#50
 2,6-Dinitrotoluene
 Concen: 7.36 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.24 min
 Lab File: BF095634.D
 Acq: 2 Jun 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25143
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 1.5 37.1 55.7#

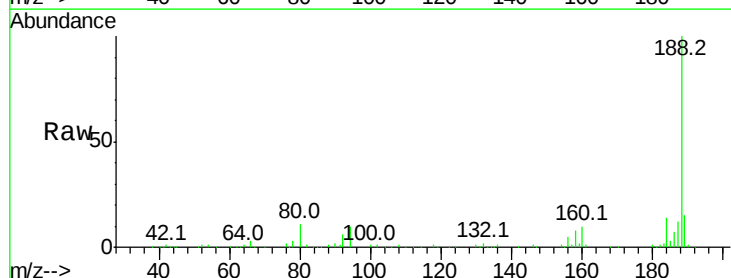


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

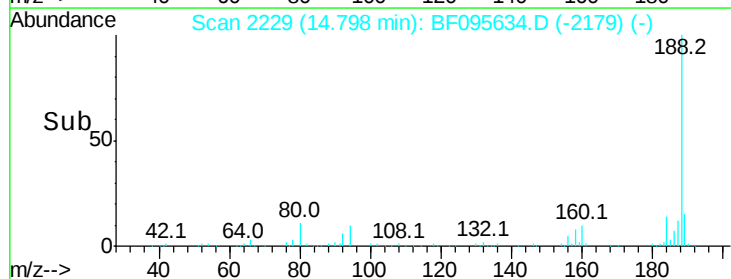
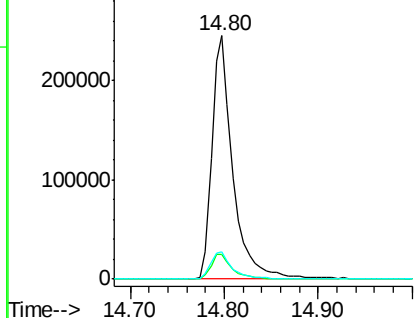


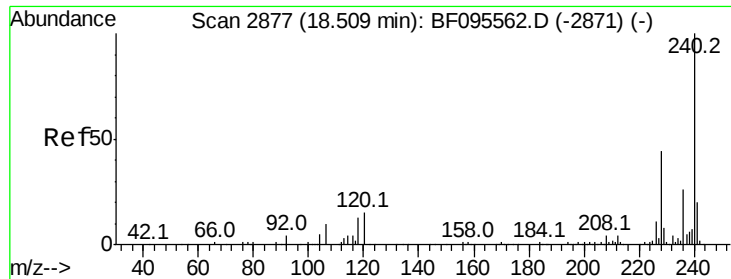
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095634.D
 Acq: 2 Jun 2017 15:16

Tgt Ion:188 Resp: 383788
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 11.0 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

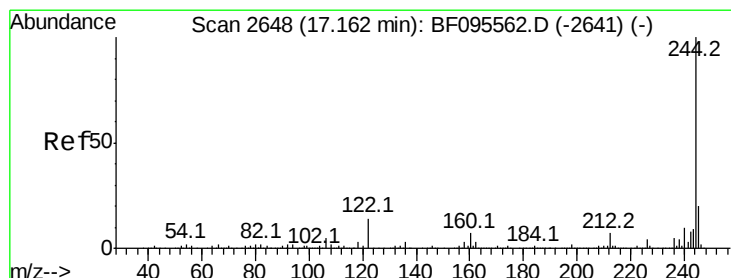
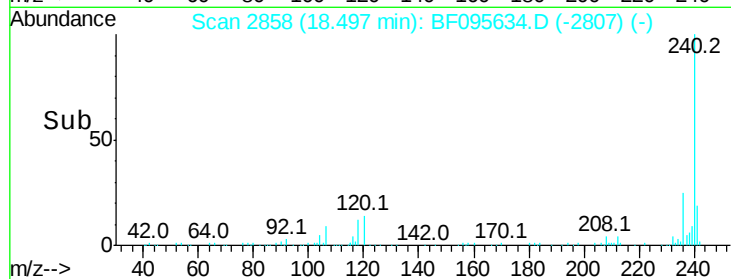
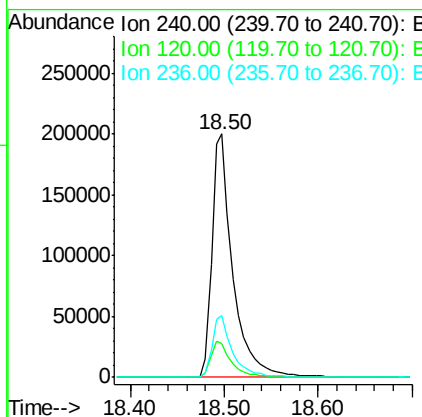
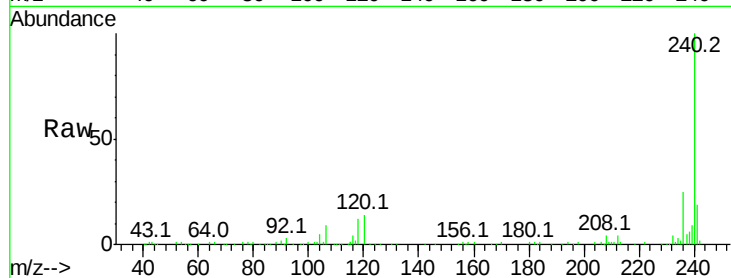




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF095634.D
 Acq: 2 Jun 2017 15:16

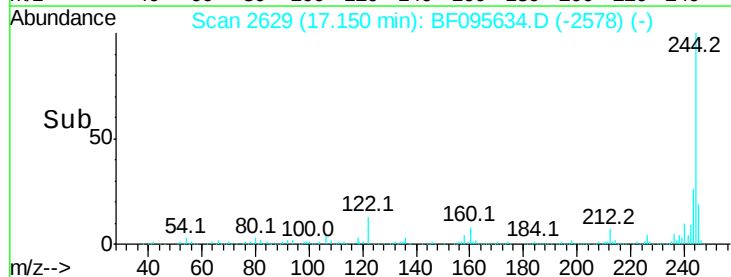
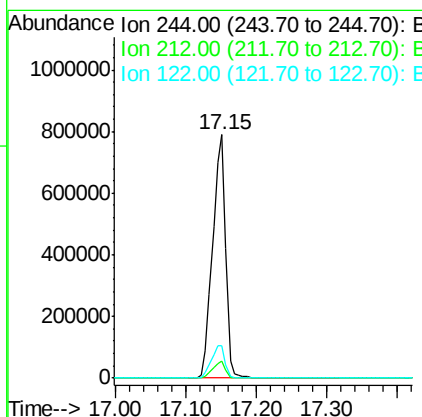
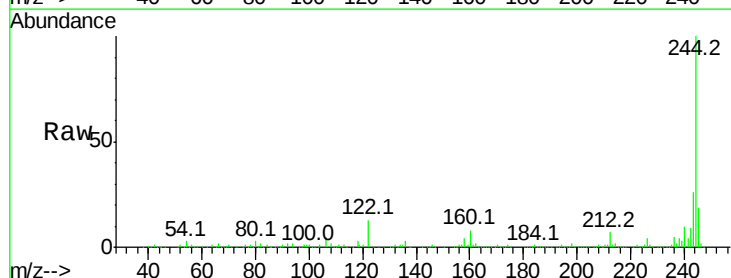
Instrument :
 BNA_F
 ClientSampled :

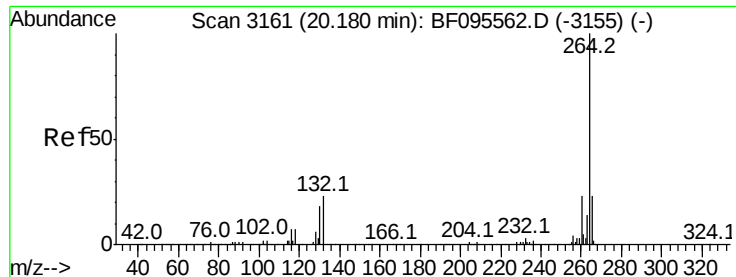
Tot Ion:240 Resp: 311599
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 25.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 71.89 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095634.D
 Acq: 2 Jun 2017 15:16

Tgt Ion:244 Resp: 1017002
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.3 10.3 15.5

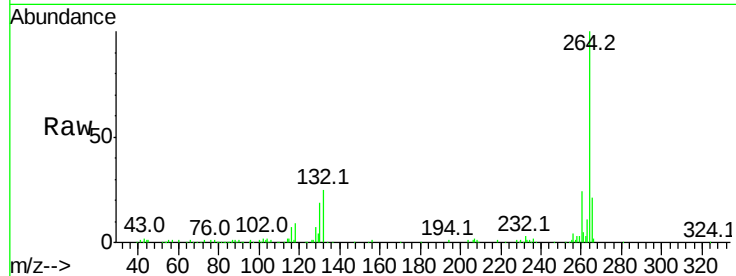




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095634.D
Acq: 2 Jun 2017 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	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

