

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095984.D
 Acq On : 17 Jun 2017 7:40
 Operator : SJ/MA
 Sample : I3686-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 01:07:23 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

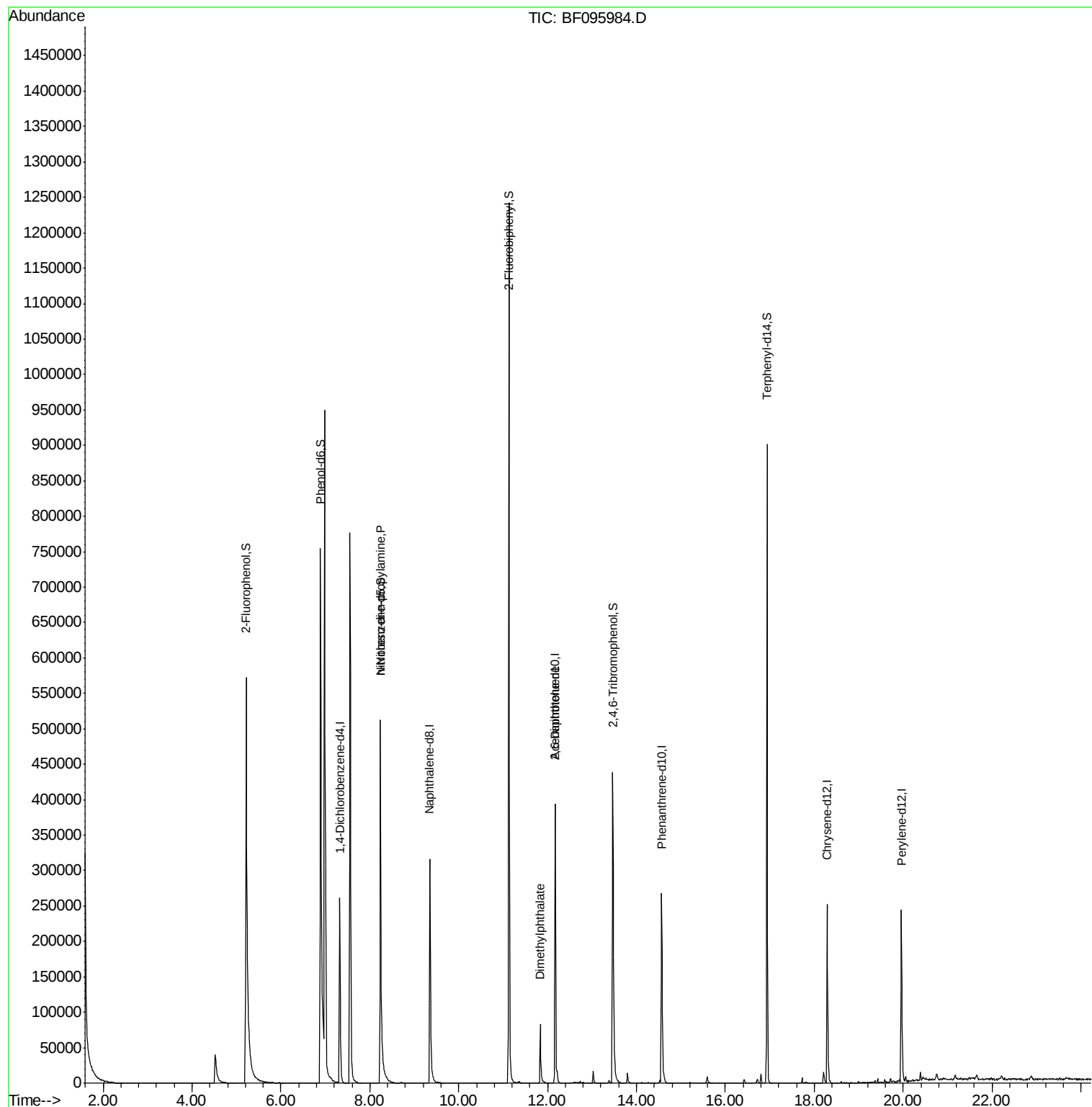
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	66727	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	276092	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	118210	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	181508	20.00	ng	0.00
75) Chrysene-d12	18.29	240	136812	20.00	ng	0.00
86) Perylene-d12	19.96	264	130310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	440524	105.20	ng	0.00
7) Phenol-d6	6.89	99	556169	110.94	ng	-0.02
23) Nitrobenzene-d5	8.24	82	308107	69.31	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	96952	92.70	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	573629	67.53	ng	-0.01
78) Terphenyl-d14	16.94	244	342569	62.14	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.24	70	37161	11.70	ng	# 80
49) Dimethylphthalate	11.83	163	68613	7.64	ng	97
50) 2,6-Dinitrotoluene	12.17	165	14424	7.37	ng	# 31

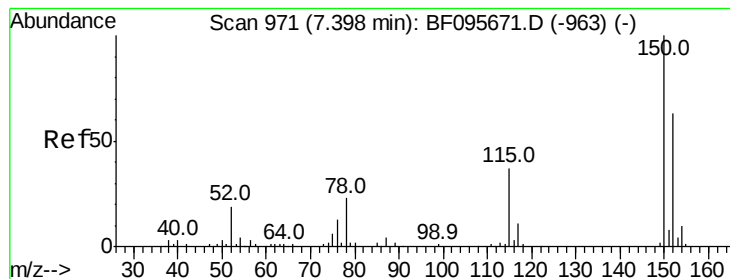
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF095984.D

Acq: 17 Jun 2017 7:40

Instrument :

BNA_F

ClientSampled :

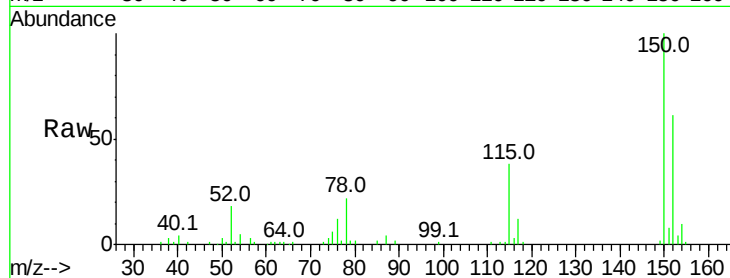
Tot Ion:152 Resp: 66727

Ion Ratio Lower Upper

152 100

150 163.4 126.2 189.2

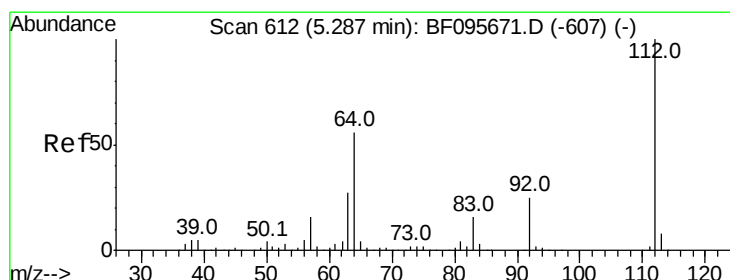
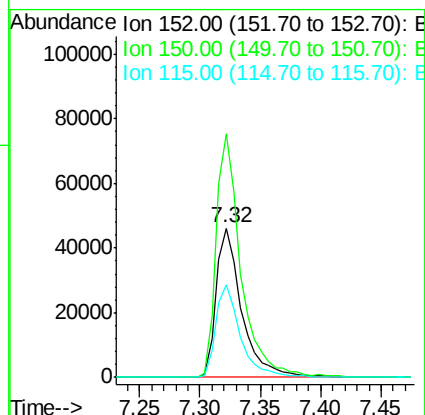
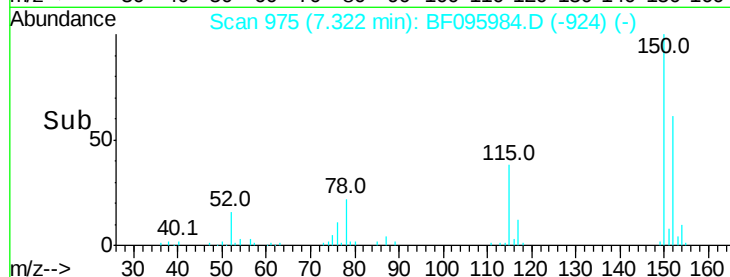
115 62.3 52.2 78.2



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: 105.20 ng

RT: 5.22 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF095984.D

Acq: 17 Jun 2017 7:40

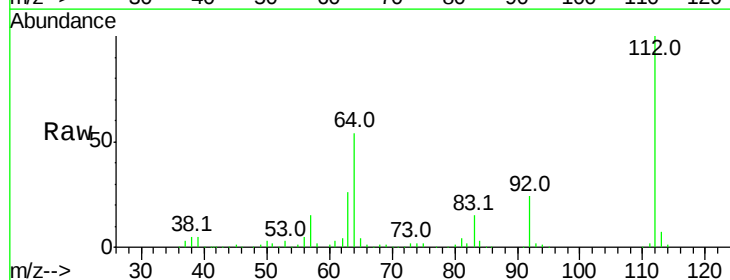
Tgt Ion:112 Resp: 440524

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

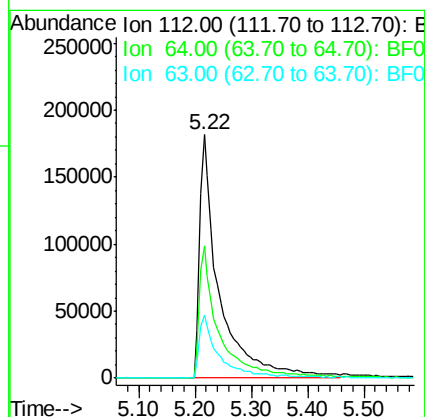
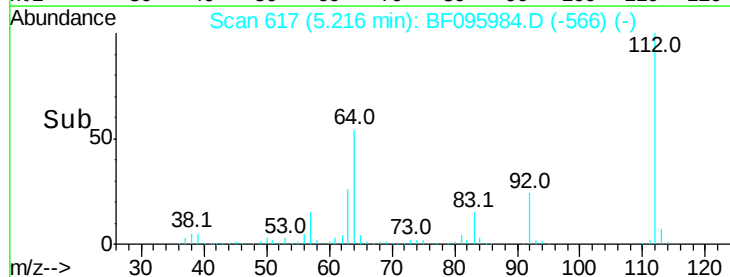
63 26.0 23.4 35.0

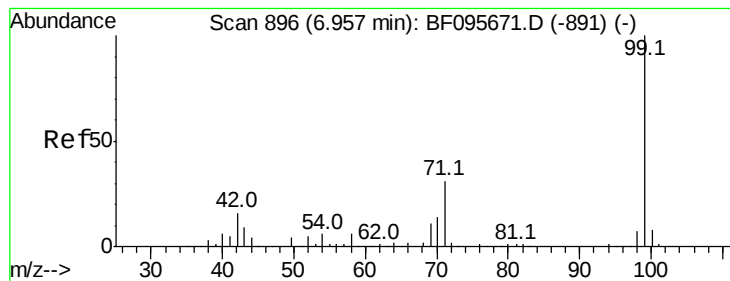


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.94 ng

RT: 6.89 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF095984.D

Acq: 17 Jun 2017 7:40

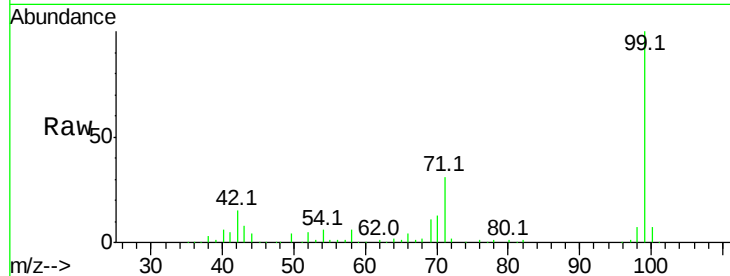
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 556169

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	31.4	24.5	36.7

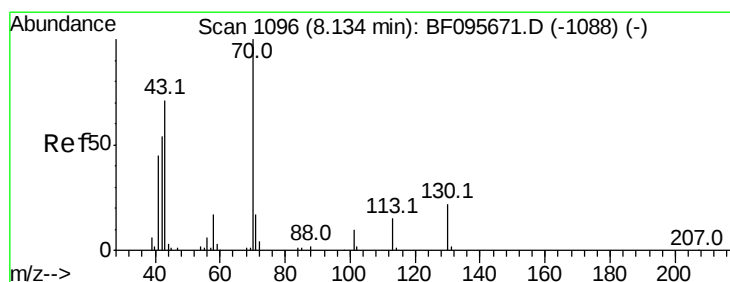
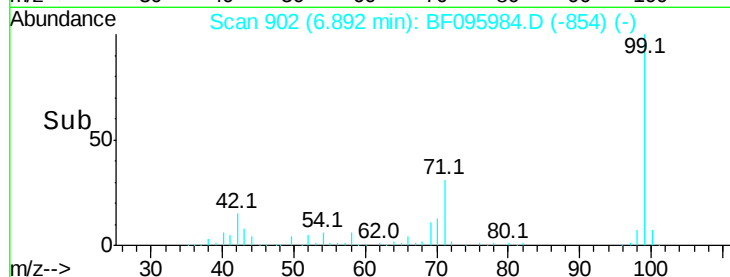
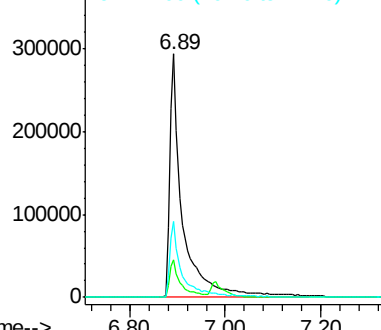


Abundance

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: 11.70 ng

RT: 8.24 min Scan# 1131

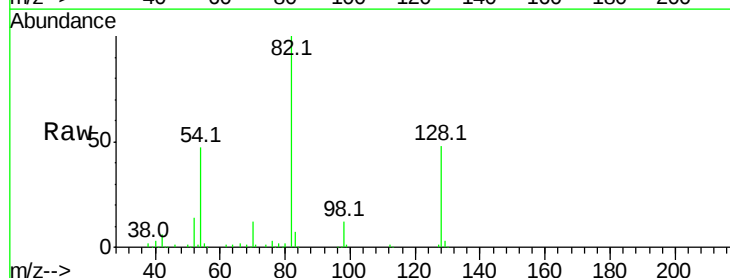
Delta R.T. 0.17 min

Lab File: BF095984.D

Acq: 17 Jun 2017 7:40

Tgt Ion: 70 Resp: 37161

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



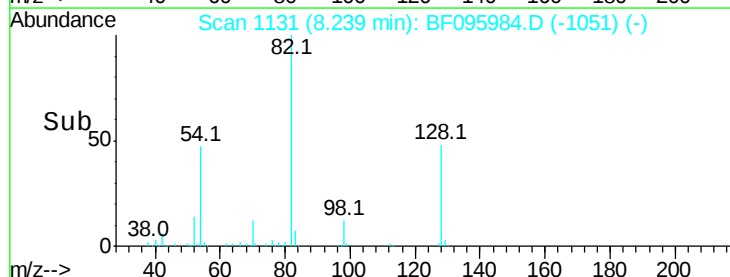
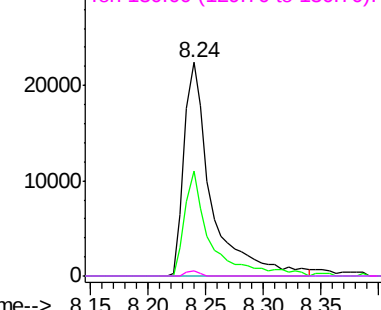
Abundance

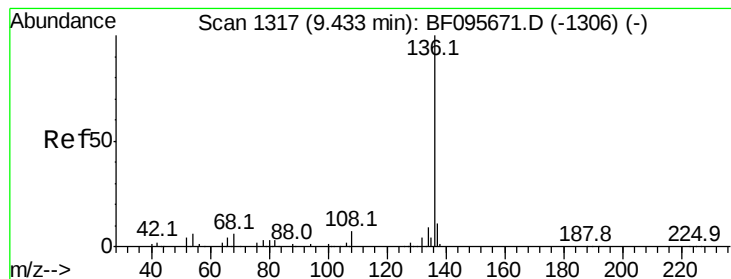
Ion 70.00 (69.70 to 70.70): BF0

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: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095984.D

Acq: 17 Jun 2017 7:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 276092

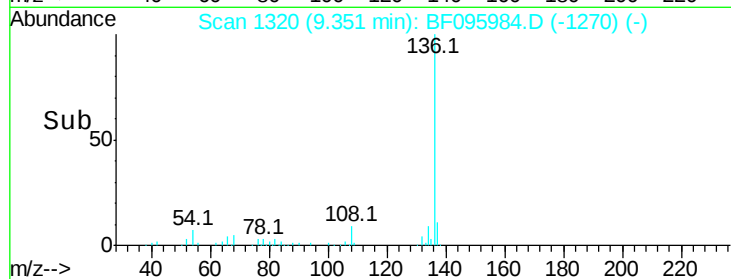
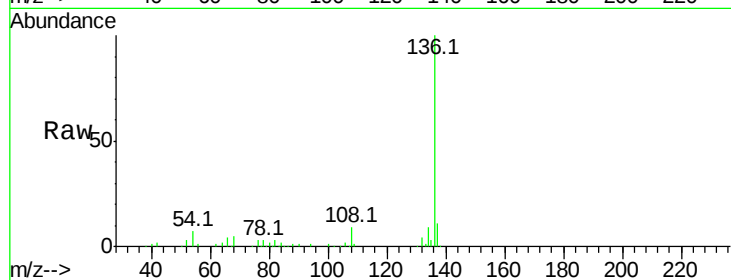
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.9 4.9 7.3

68 5.4 4.1 6.1

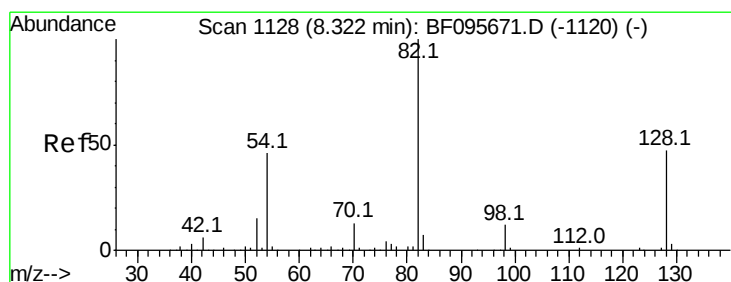
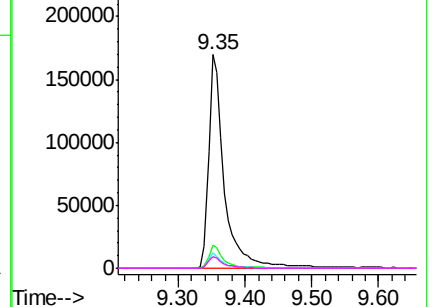


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.31 ng

RT: 8.24 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF095984.D

Acq: 17 Jun 2017 7:40

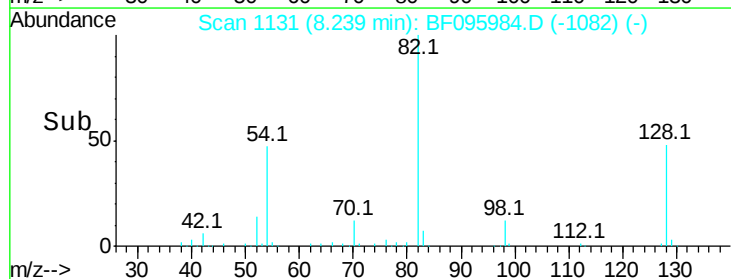
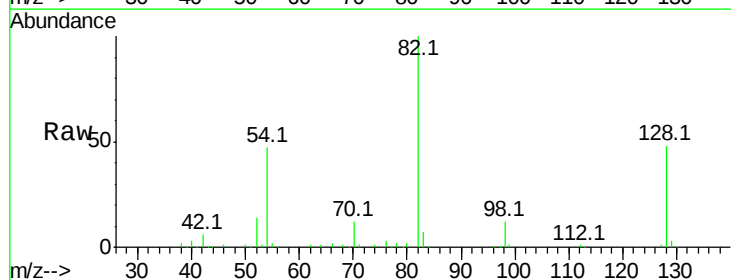
Tgt Ion: 82 Resp: 308107

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

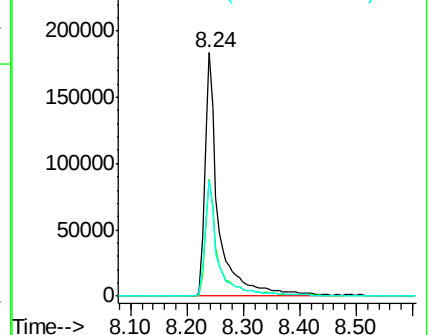
54 47.3 42.2 63.2

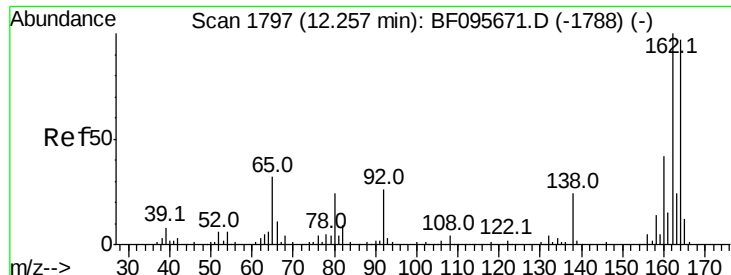


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.17 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF095984.D

Acq: 17 Jun 2017 7:40

Instrument :

BNA_F

ClientSampleId :

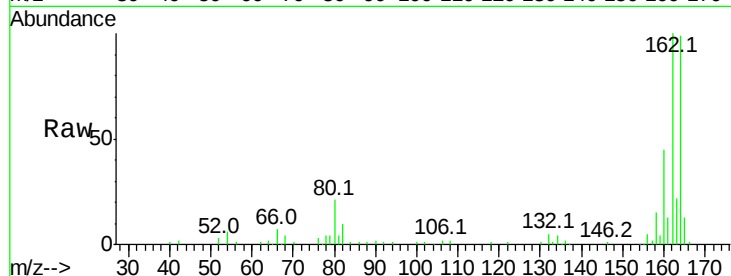
Tot Ion:164 Resp: 118210

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

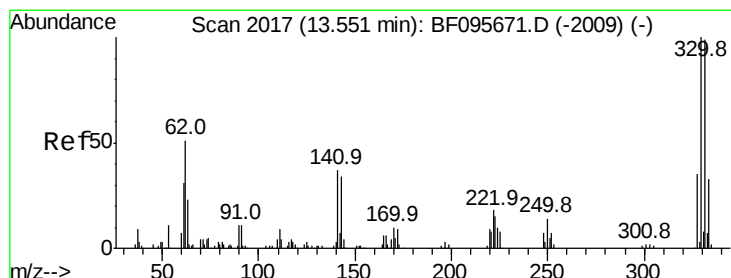
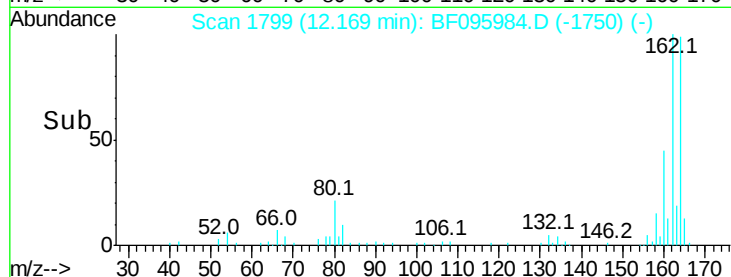
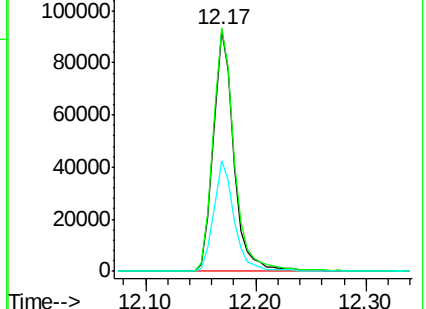
160 45.7 36.2 54.2



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: 92.70 ng

RT: 13.47 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF095984.D

Acq: 17 Jun 2017 7:40

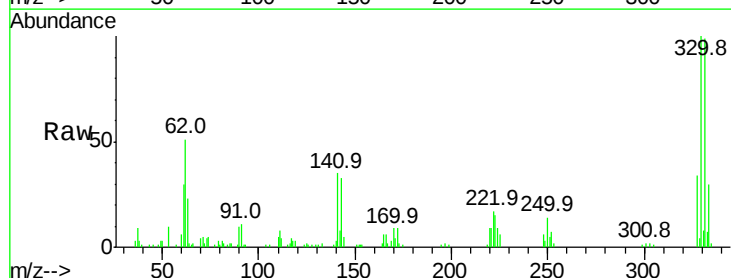
Tgt Ion:330 Resp: 96952

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

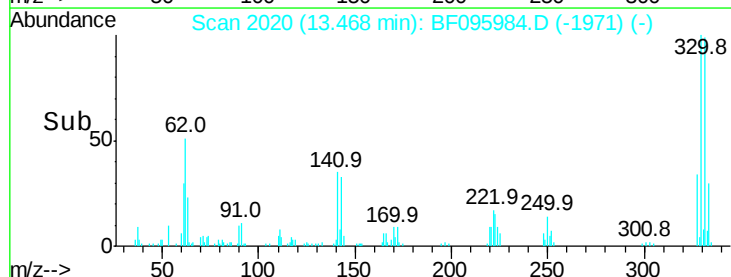
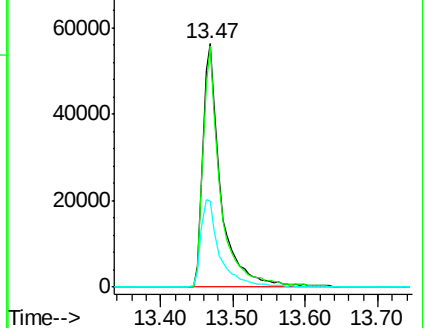
141 37.8 31.4 47.2

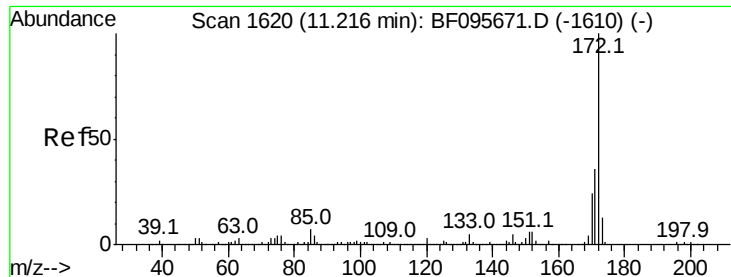


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

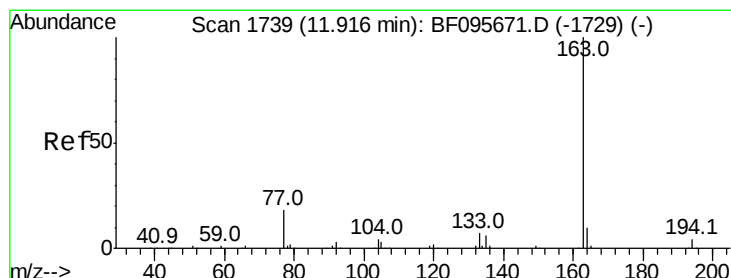
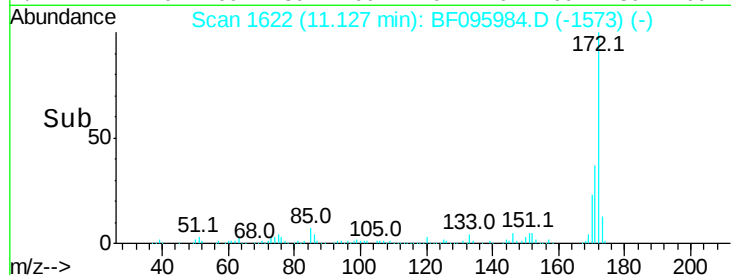
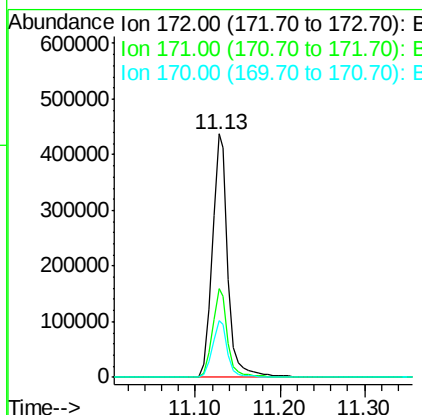
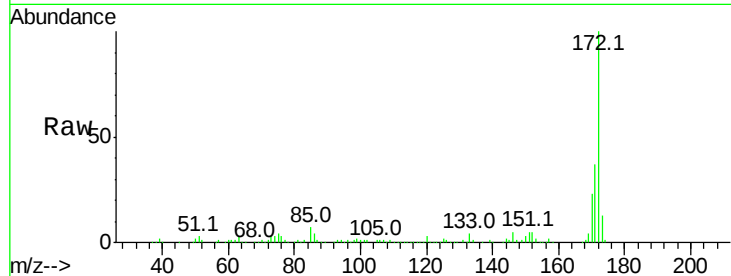




#44
2-Fluorobiphenyl
Concen: 67.53 ng
RT: 11.13 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF095984.D
Acq: 17 Jun 2017 7:40

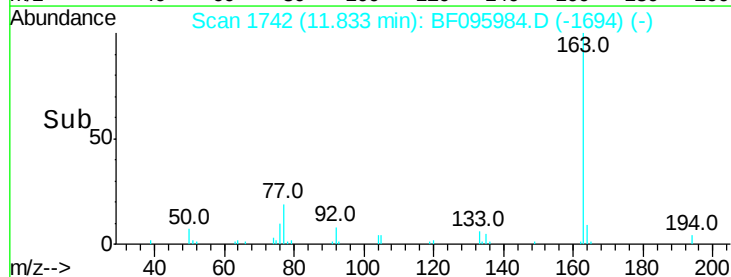
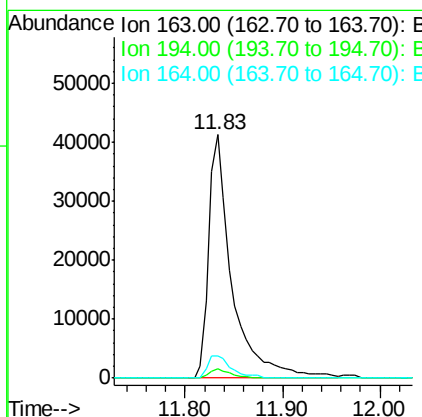
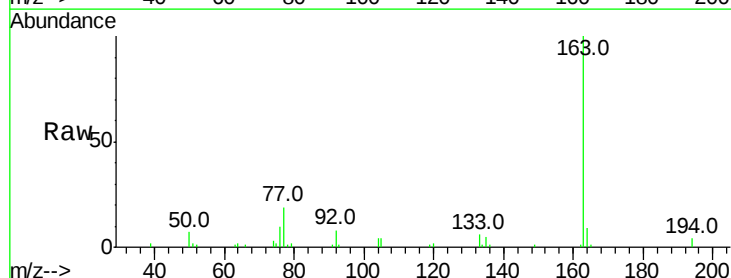
Instrument :
BNA_F
ClientSampleId :

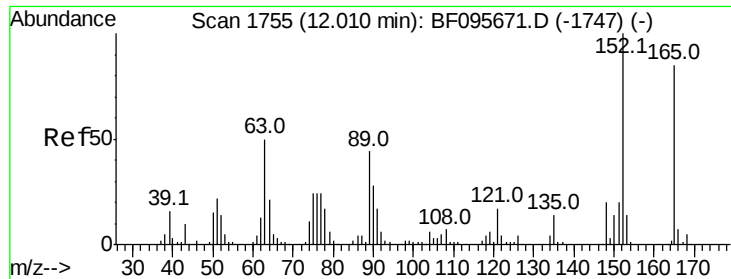
Tot Ion:172 Resp: 573629
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 7.64 ng
RT: 11.83 min Scan# 1742
Delta R.T. -0.02 min
Lab File: BF095984.D
Acq: 17 Jun 2017 7:40

Tgt Ion:163 Resp: 68613
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.2 8.4 12.6

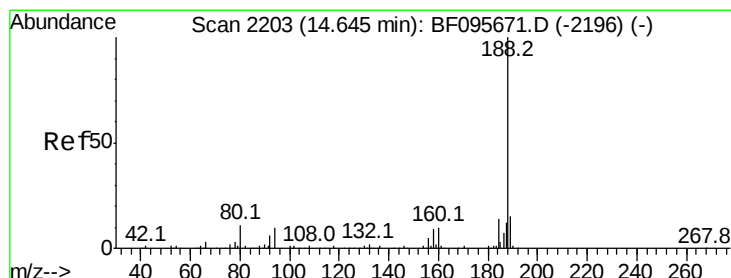
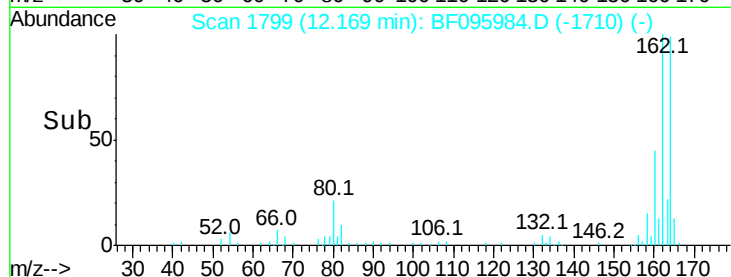
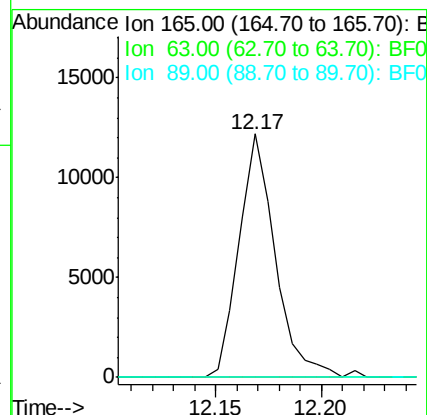
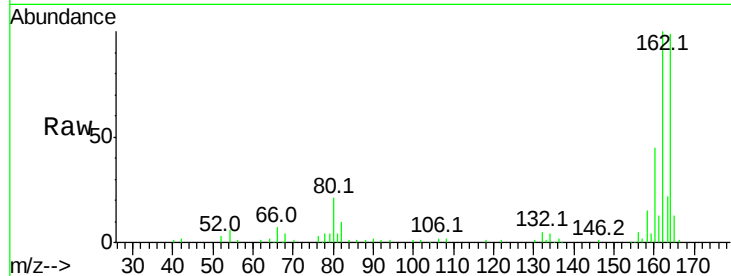




#50
 2,6-Dinitrotoluene
 Concen: 7.37 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. 0.22 min
 Lab File: BF095984.D
 Acq: 17 Jun 2017 7:40

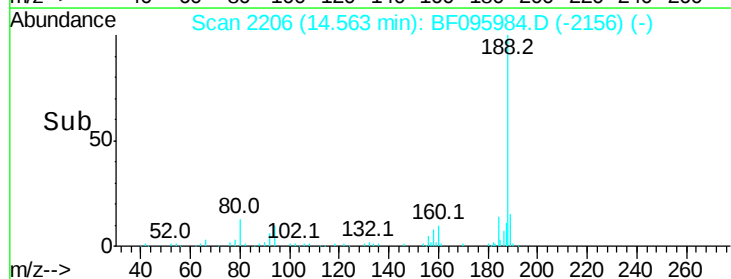
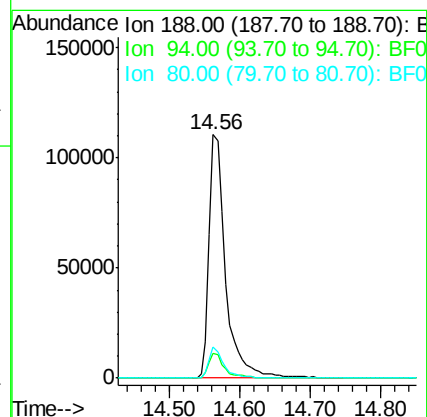
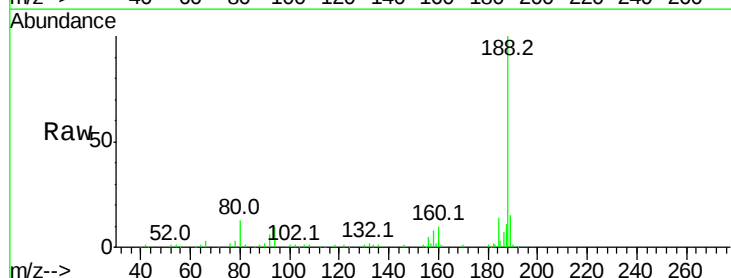
Instrument :
 BNA_F
 ClientSampled :

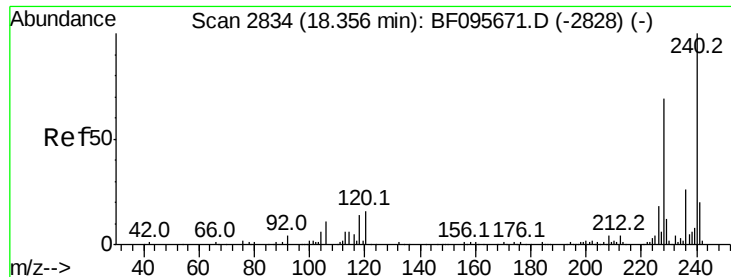
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.56 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BF095984.D
 Acq: 17 Jun 2017 7:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	12.5	10.2	15.2

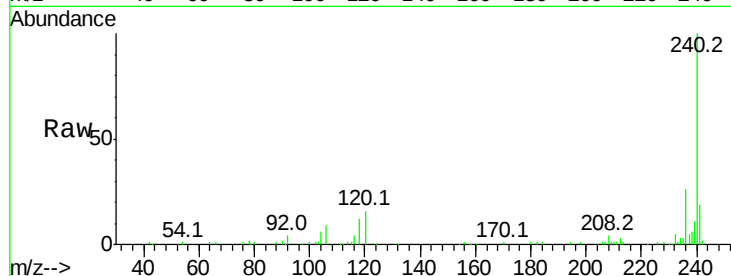




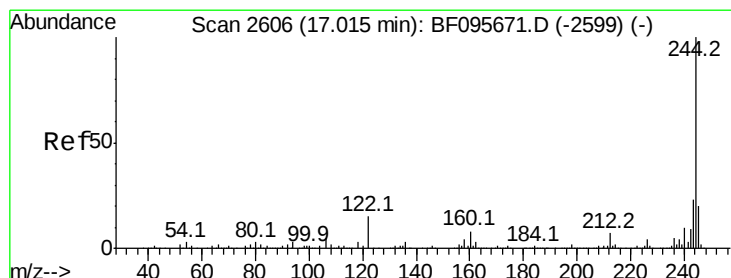
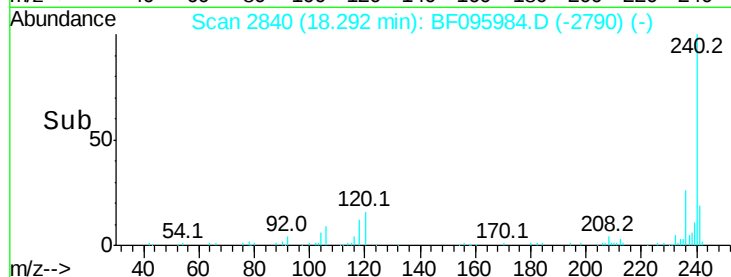
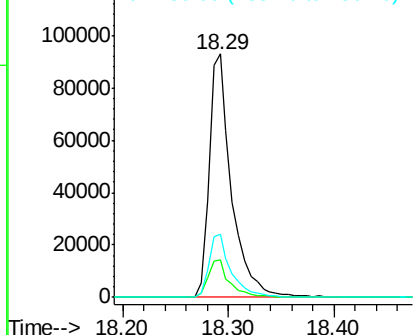
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF095984.D
 Acq: 17 Jun 2017 7:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 136812
 Ion Ratio Lower Upper
 240 100
 120 15.6 5.8 8.8#
 236 26.0 20.5 30.7

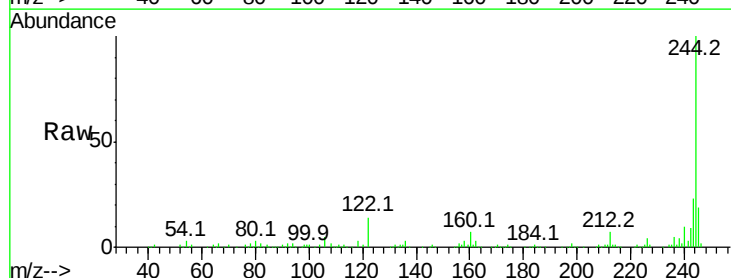


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

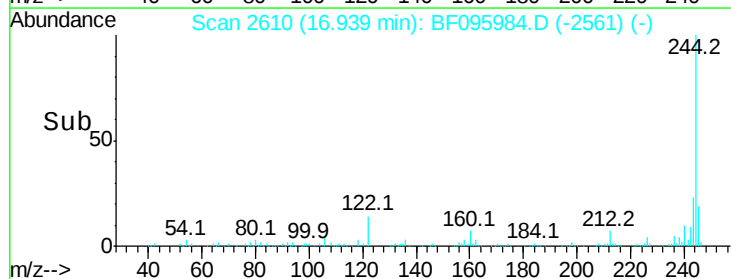
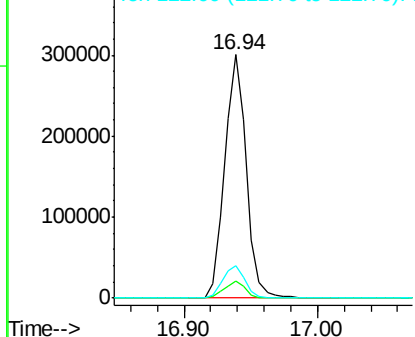


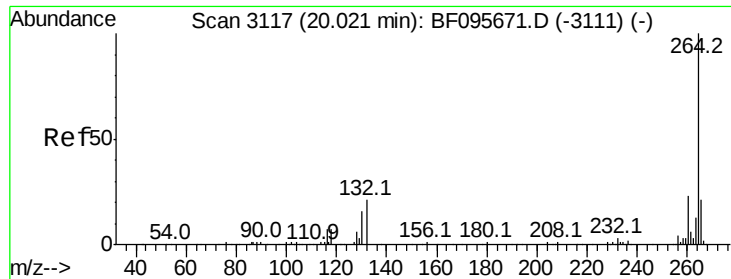
#78
 Terphenyl-d14
 Concen: 62.14 ng
 RT: 16.94 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF095984.D
 Acq: 17 Jun 2017 7:40

Tgt Ion:244 Resp: 342569
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.5 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

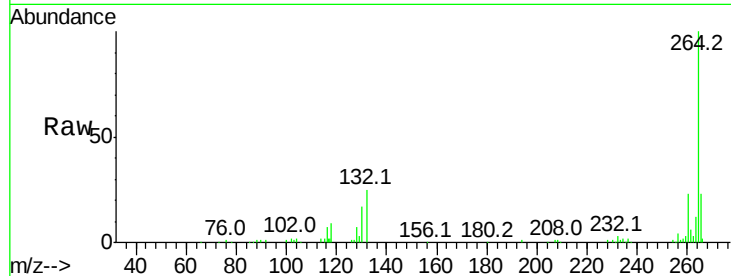




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095984.D
 Acq: 17 Jun 2017 7:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.5	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

