

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095956.D
 Acq On : 16 Jun 2017 15:28
 Operator : SJ/MA
 Sample : I3725-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 23:01:01 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

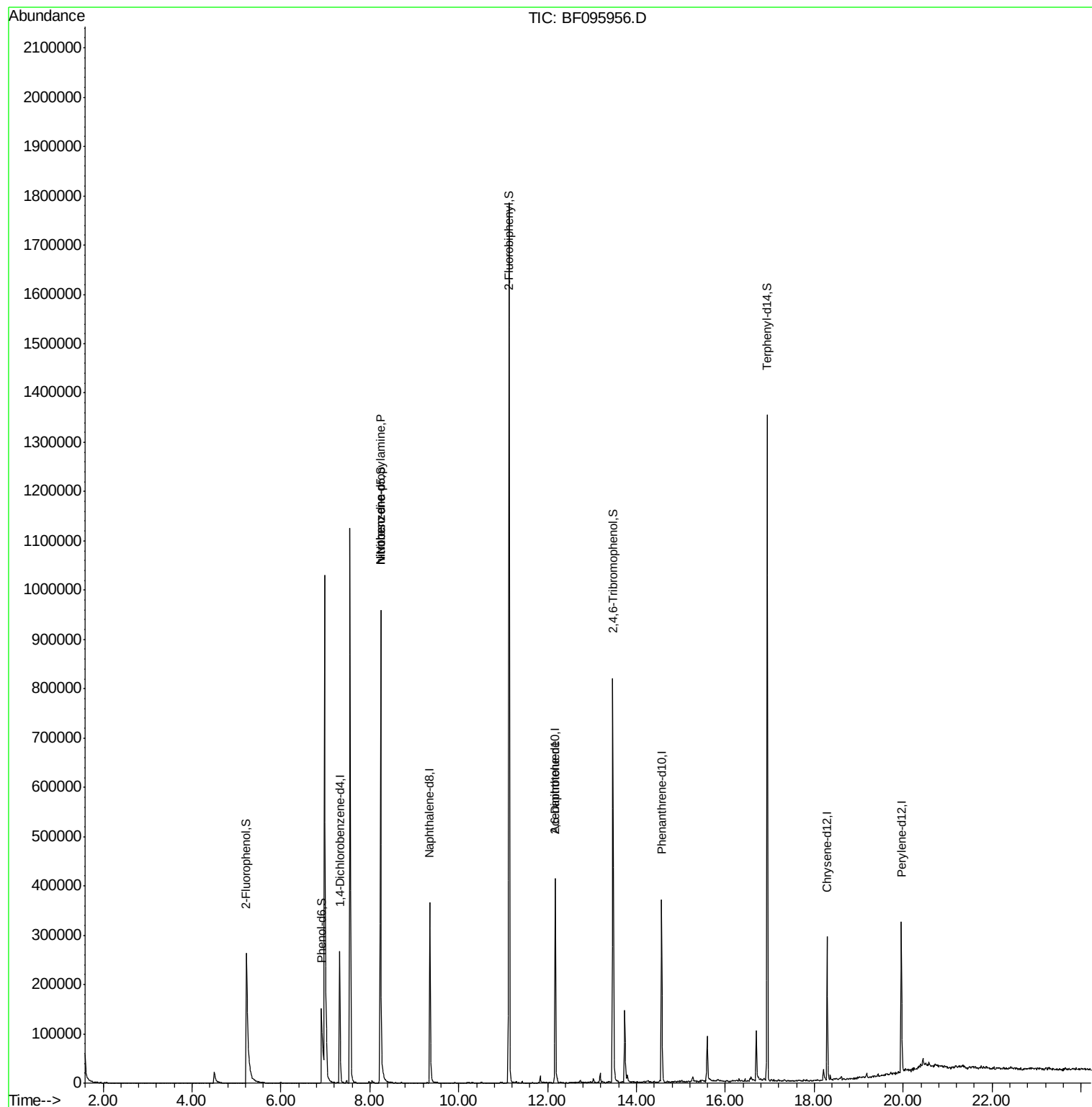
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	66123	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	267093	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	120132	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	195978	20.00	ng	0.00
75) Chrysene-d12	18.29	240	140461	20.00	ng	0.00
86) Perylene-d12	19.96	264	136843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	243500	58.68	ng	0.01
7) Phenol-d6	6.92	99	164705	33.15	ng	0.00
23) Nitrobenzene-d5	8.25	82	425023	98.83	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	147177	138.47	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	835296	96.76	ng	0.00
78) Terphenyl-d14	16.94	244	519251	91.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.25	70	52787	16.77	ng	# 75
24) Nitrobenzene	8.25	77	15174	3.30	ng	# 44
50) 2,6-Dinitrotoluene	12.17	165	15284	7.68	ng	# 31

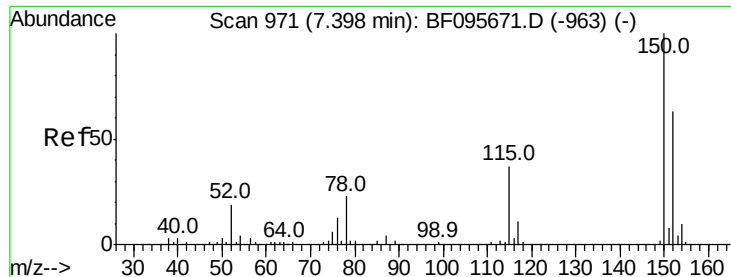
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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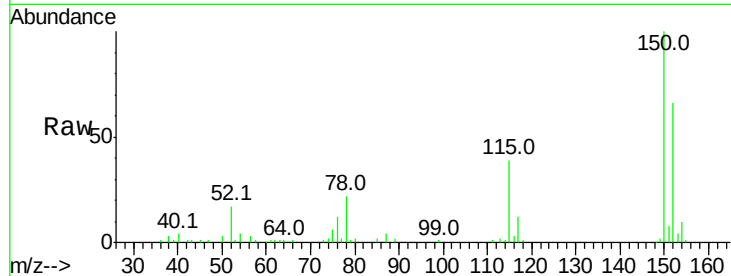


#1

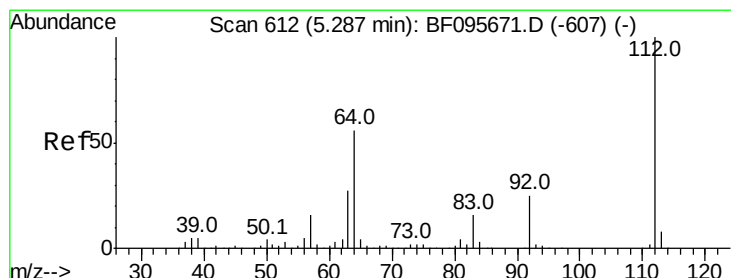
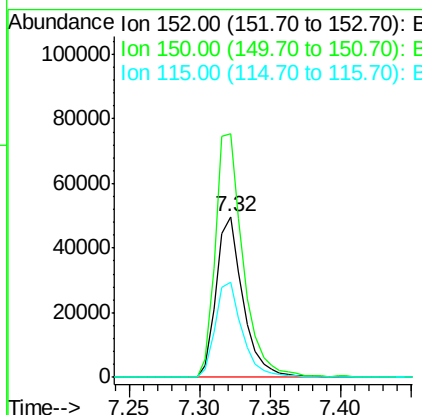
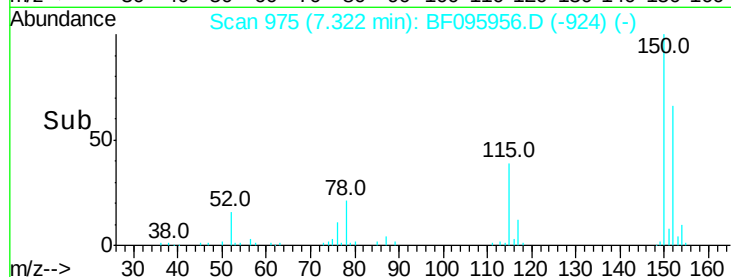
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095956.D
Acq: 16 Jun 2017 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66123
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.2
115 59.5 52.2 78.2



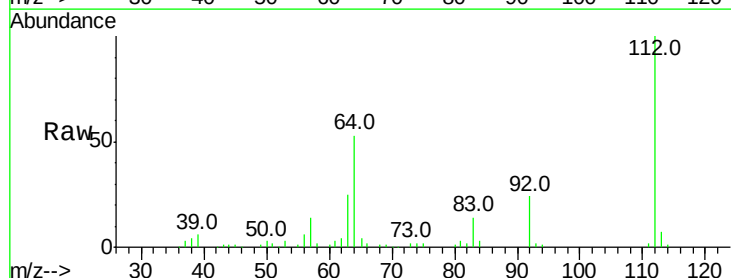
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



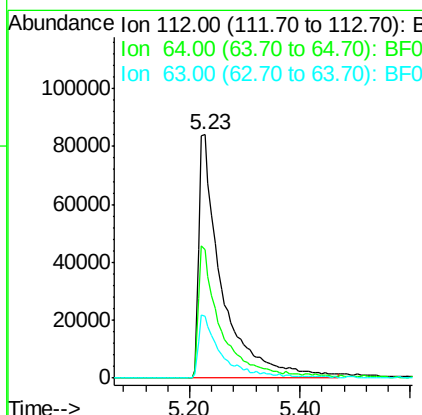
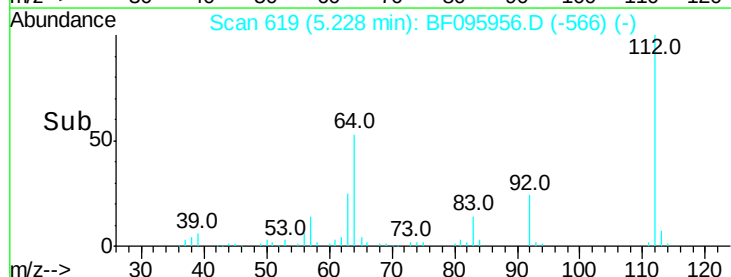
#5

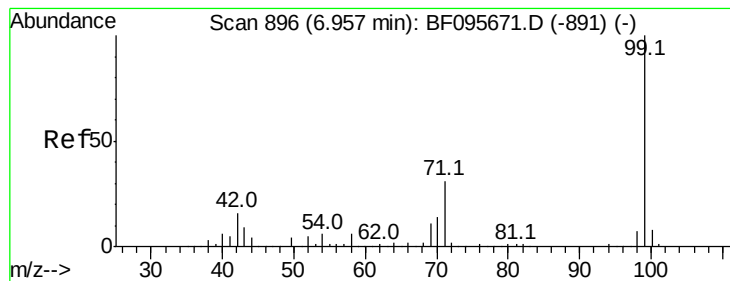
2-Fluorophenol
Concen: 58.68 ng
RT: 5.23 min Scan# 619
Delta R.T. 0.01 min
Lab File: BF095956.D
Acq: 16 Jun 2017 15:28

Tgt Ion:112 Resp: 243500
Ion Ratio Lower Upper
112 100
64 52.7 46.0 69.0
63 25.2 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: 33.15 ng

RT: 6.92 min Scan# 906

Delta R.T. 0.01 min

Lab File: BF095956.D

Acq: 16 Jun 2017 15:28

Instrument :

BNA_F

ClientSampleId :

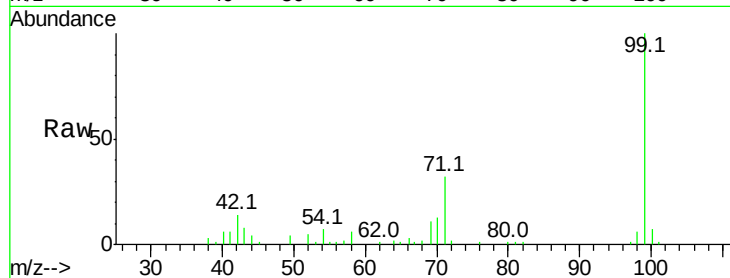
Tot Ion: 99 Resp: 164705

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

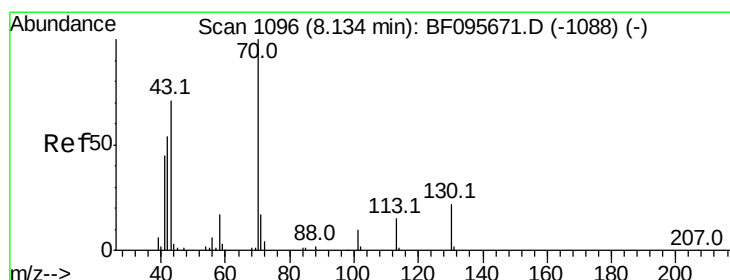
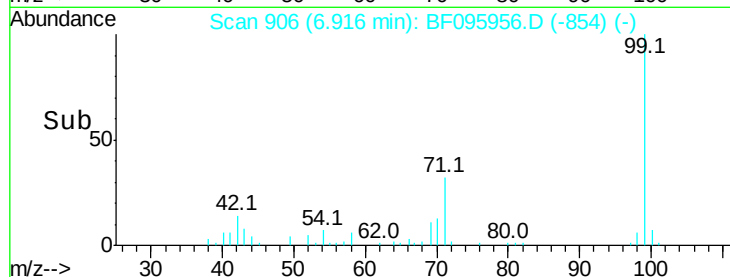
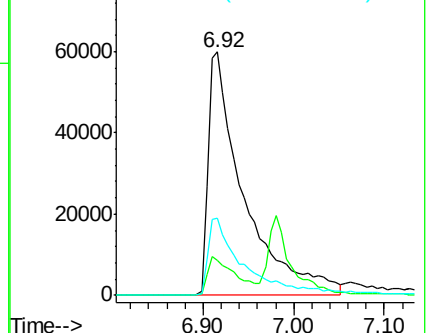
71 31.6 24.5 36.7



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: 16.77 ng

RT: 8.25 min Scan# 1132

Delta R.T. 0.18 min

Lab File: BF095956.D

Acq: 16 Jun 2017 15:28

Tgt Ion: 70 Resp: 52787

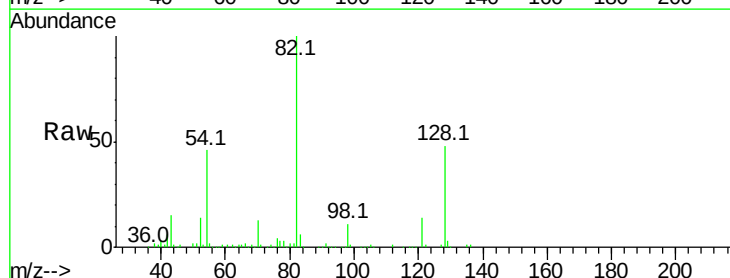
Ion Ratio Lower Upper

70 100

42 43.4 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

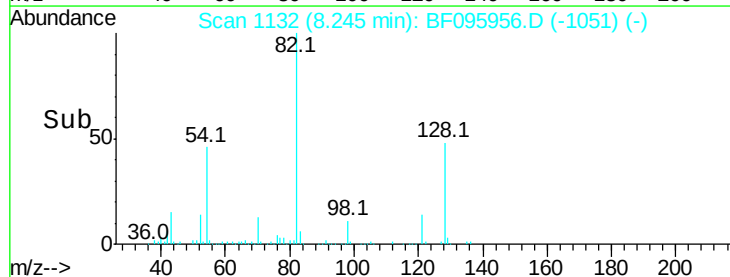
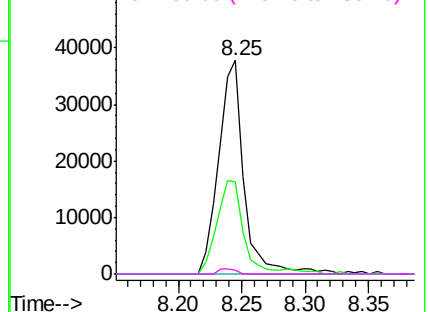


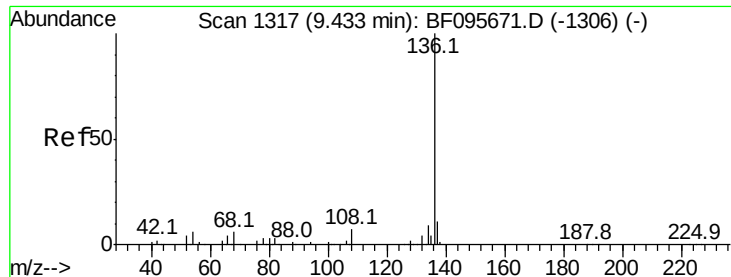
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

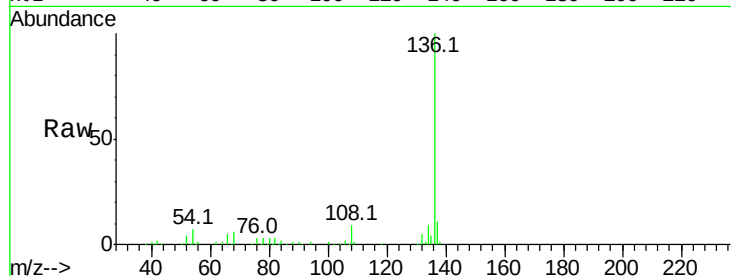




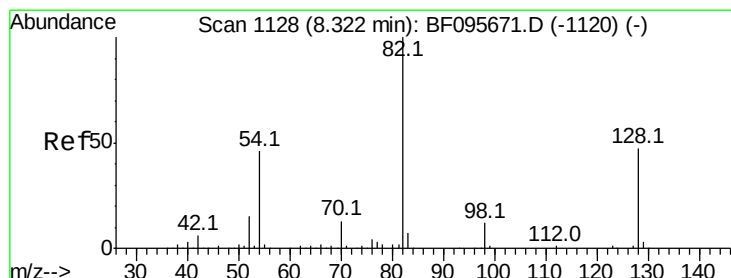
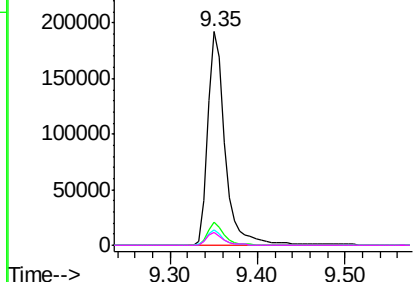
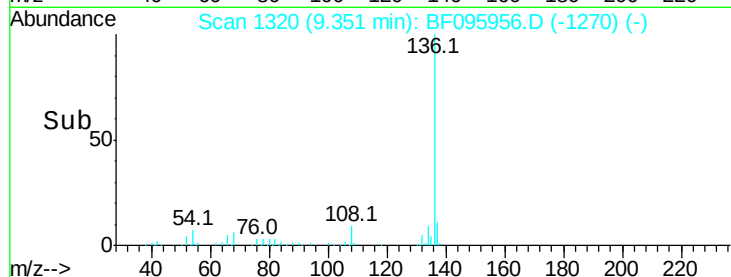
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.35 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF095956.D
Acq: 16 Jun 2017 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	267093	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.5	12.7	
54 6.9	4.9	7.3	
68 6.0	4.1	6.1	

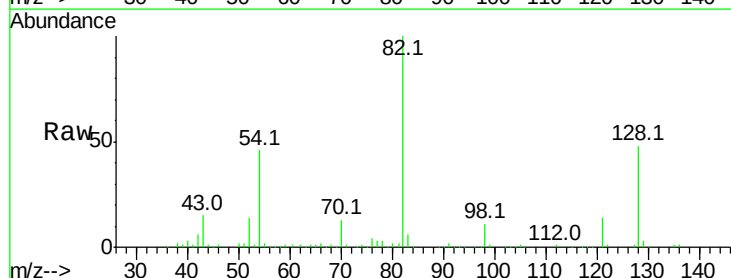


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

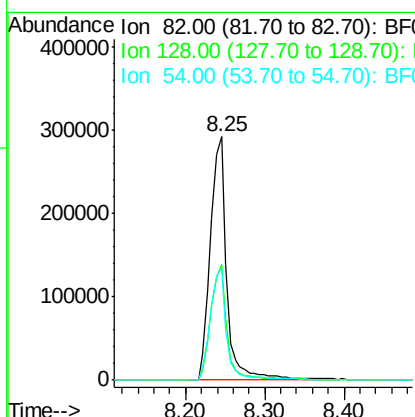
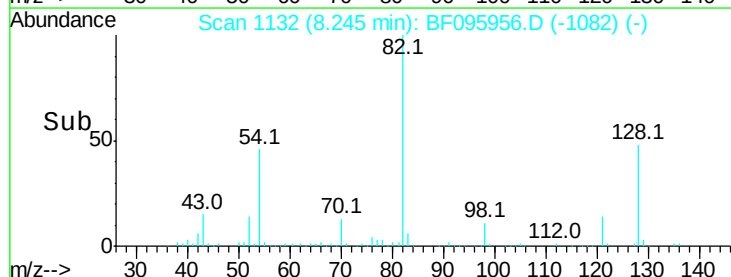


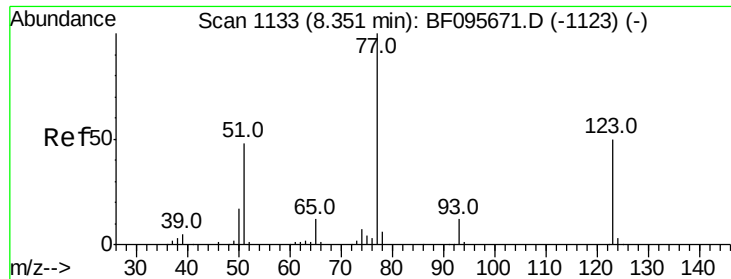
#23
Nitrobenzene-d5
Concen: 98.83 ng
RT: 8.25 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF095956.D
Acq: 16 Jun 2017 15:28

Tgt	Ion: 82	Resp:	425023
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	45.7	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

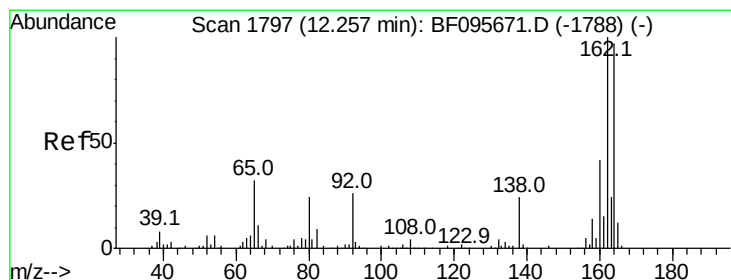
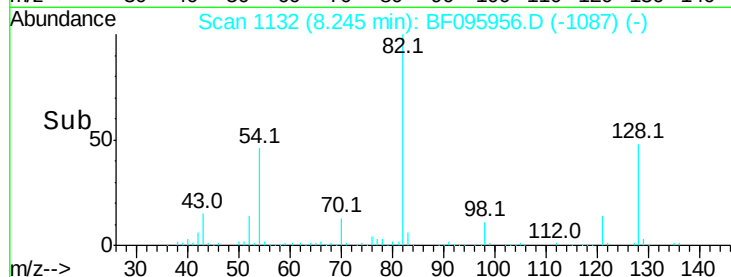
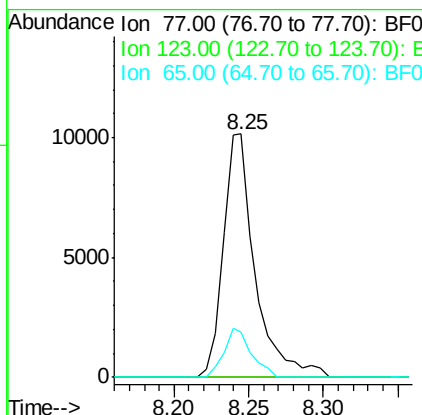
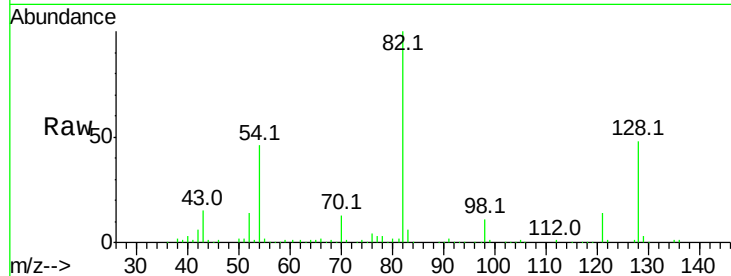




#24
 Nitrobenzene
 Concen: 3.30 ng
 RT: 8.25 min Scan# 1132
 Delta R.T. -0.04 min
 Lab File: BF095956.D
 Acq: 16 Jun 2017 15:28

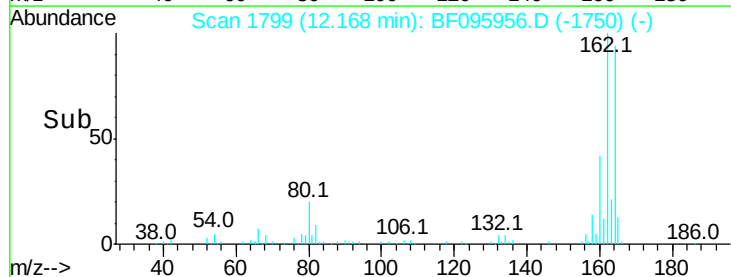
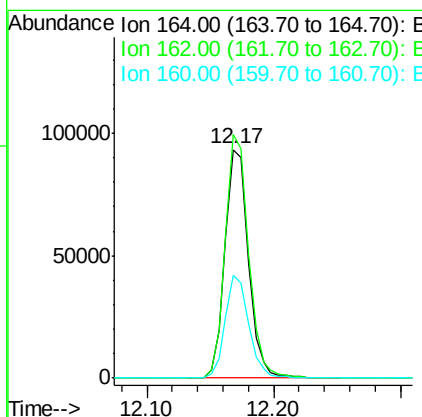
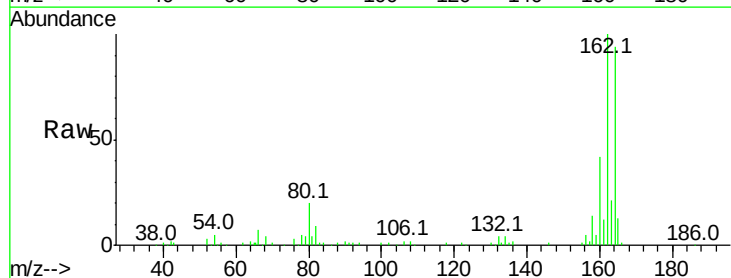
Instrument :
 BNA_F
 ClientSampleId :

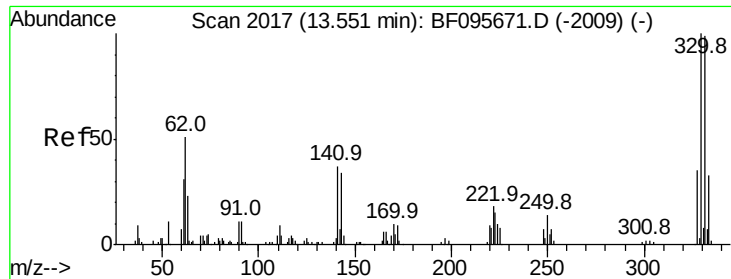
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	18.5	10.6	15.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF095956.D
 Acq: 16 Jun 2017 15:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.6	123.8
160	44.8	36.2	54.2

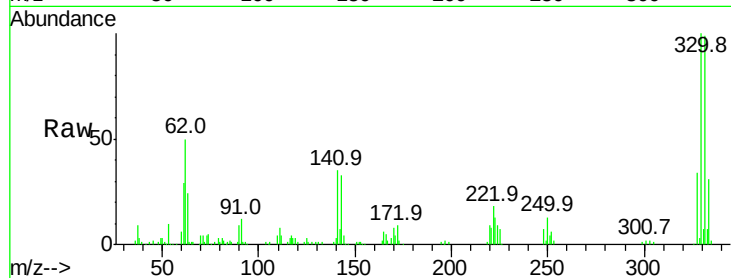




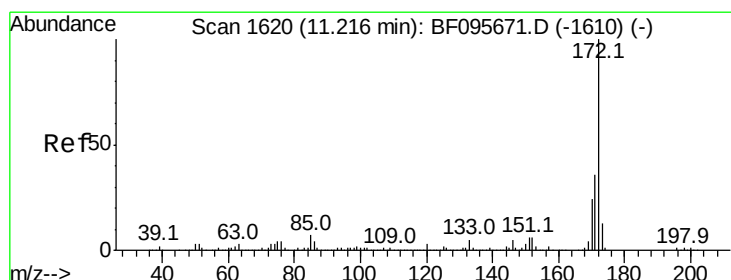
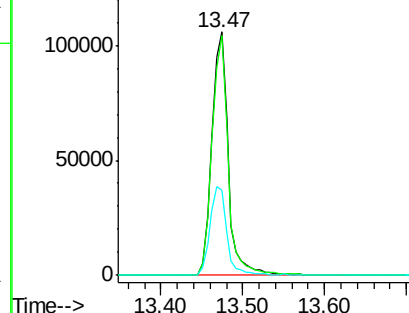
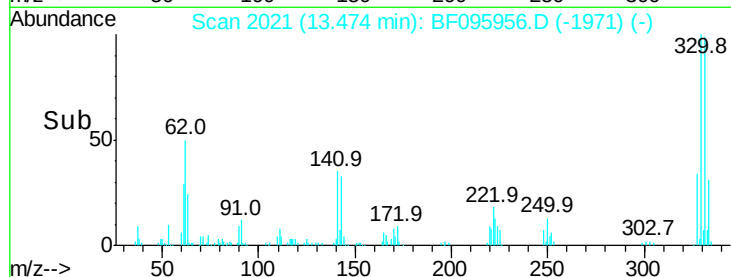
#41
 2,4,6-Tribromophenol
 Concen: 138.47 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095956.D
 Acq: 16 Jun 2017 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	37.9	31.4	47.2

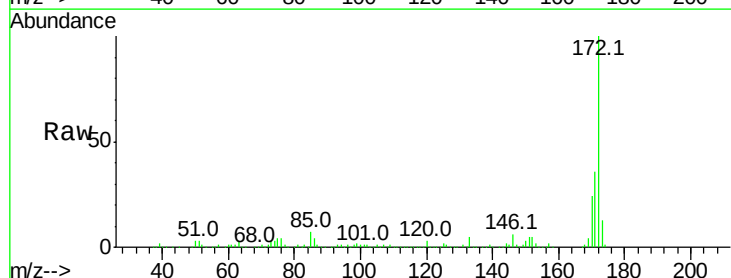


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

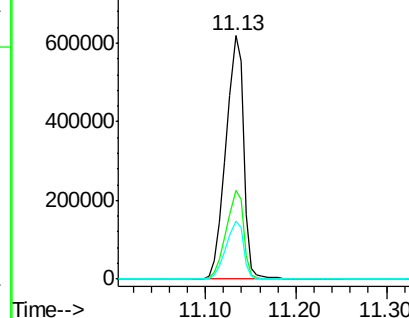
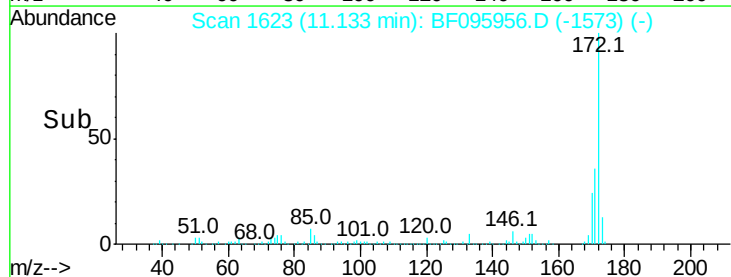


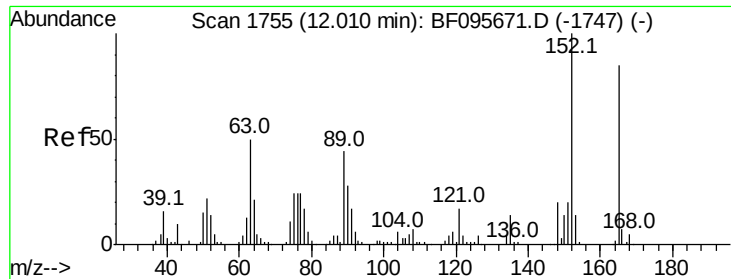
#44
 2-Fluorobiphenyl
 Concen: 96.76 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095956.D
 Acq: 16 Jun 2017 15:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.9	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

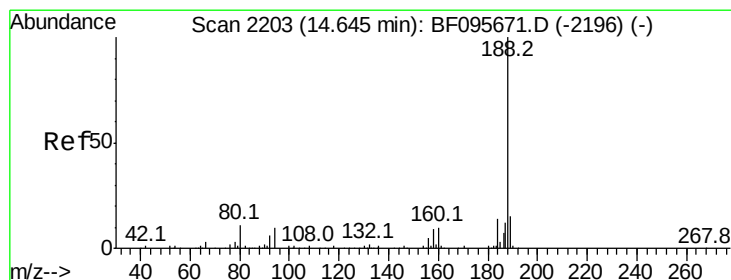
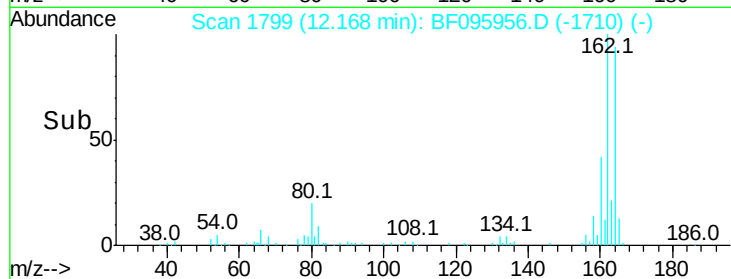
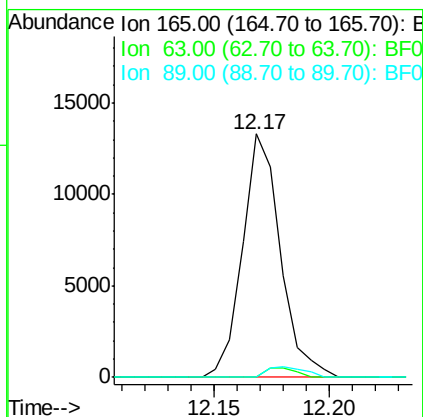
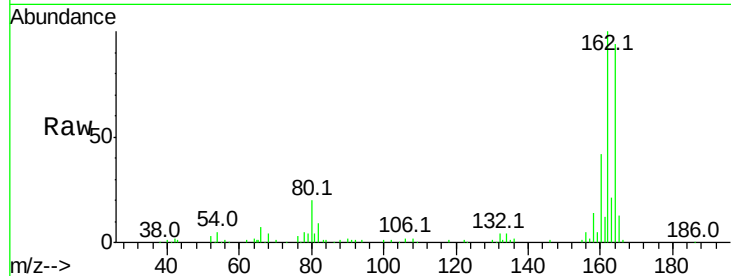




#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. 0.22 min
 Lab File: BF095956.D
 Acq: 16 Jun 2017 15:28

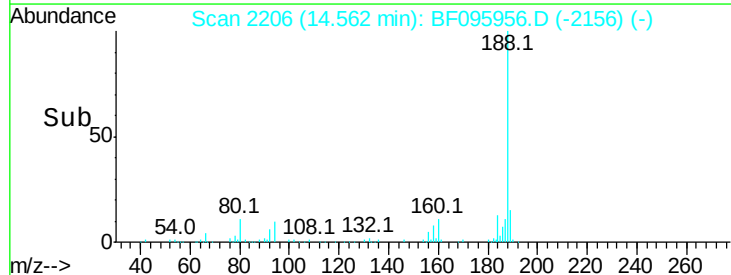
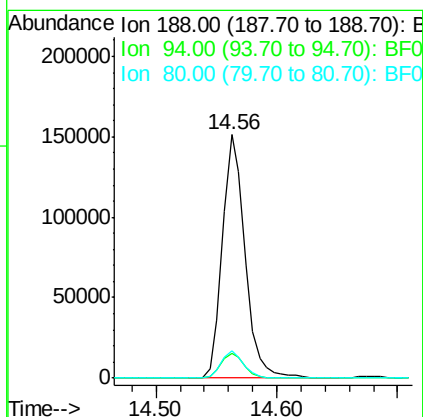
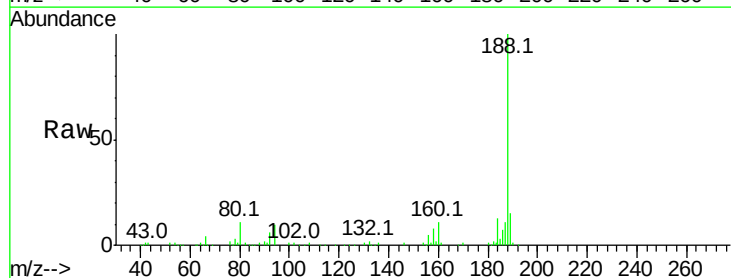
Instrument :
 BNA_F
 ClientSampleId :

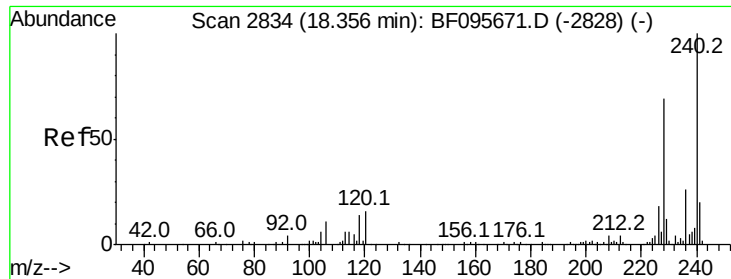
Tot Ion:165 Resp: 15284
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.56 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BF095956.D
 Acq: 16 Jun 2017 15:28

Tgt Ion:188 Resp: 195978
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 11.1 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: BF095956.D

Acq: 16 Jun 2017 15:28

Instrument :

BNA_F

ClientSampled :

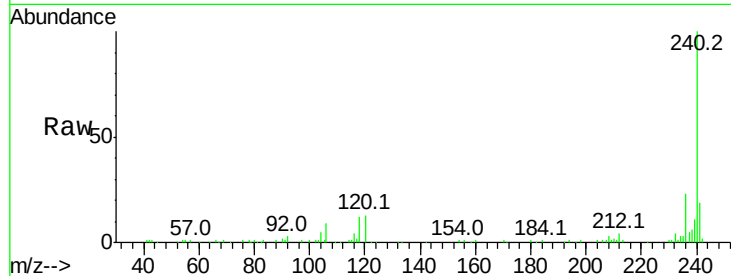
Tot Ion:240 Resp: 140461

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

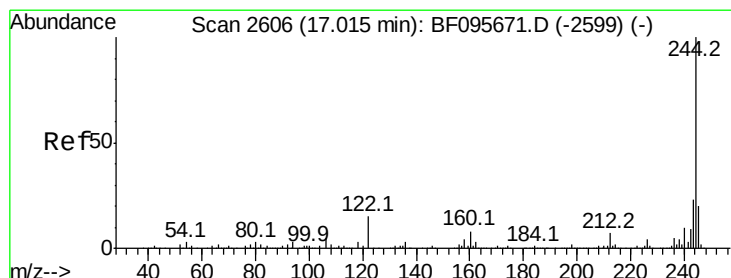
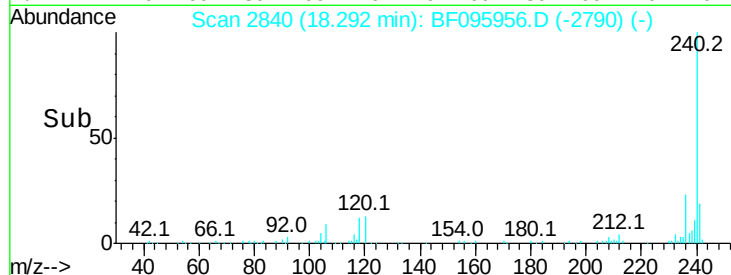
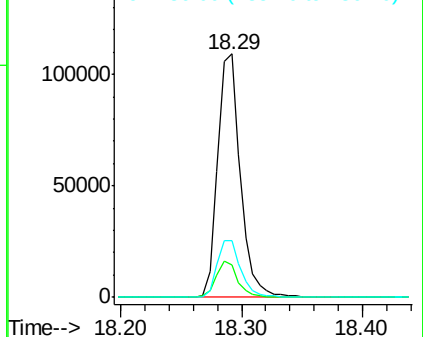
236 23.5 20.5 30.7



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: 91.74 ng

RT: 16.94 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF095956.D

Acq: 16 Jun 2017 15:28

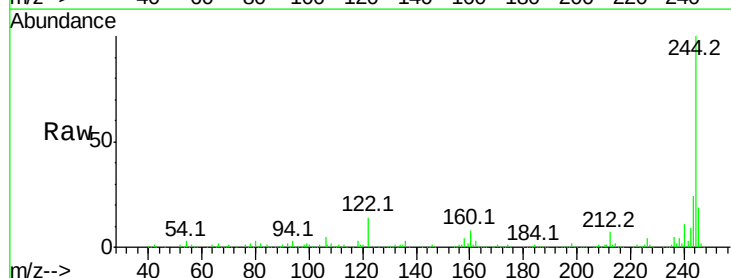
Tgt Ion:244 Resp: 519251

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

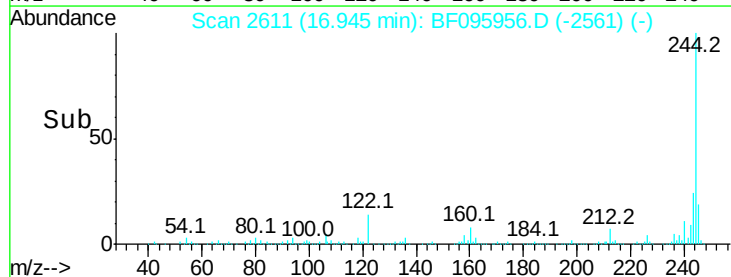
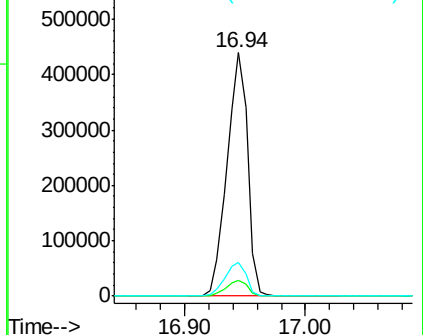
122 14.0 10.3 15.5

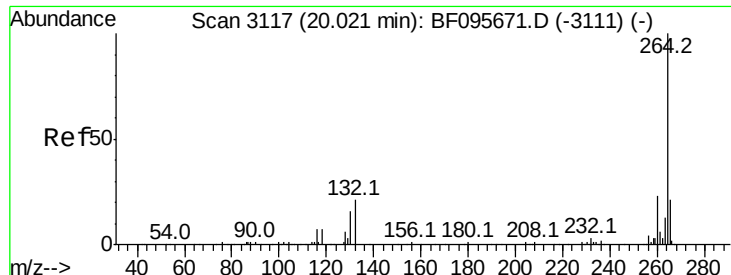


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

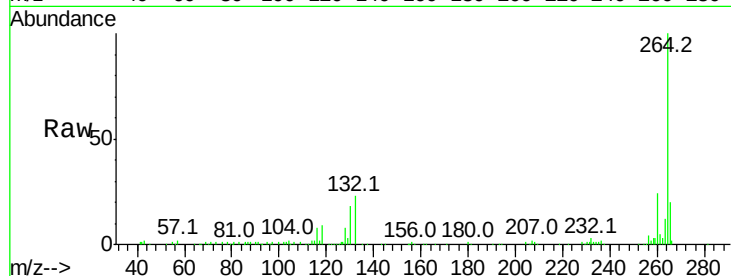




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095956.D
 Acq: 16 Jun 2017 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	19.9	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

