

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095934.D
 Acq On : 14 Jun 2017 21:25
 Operator : SJ/MA
 Sample : I3670-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 01:08:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

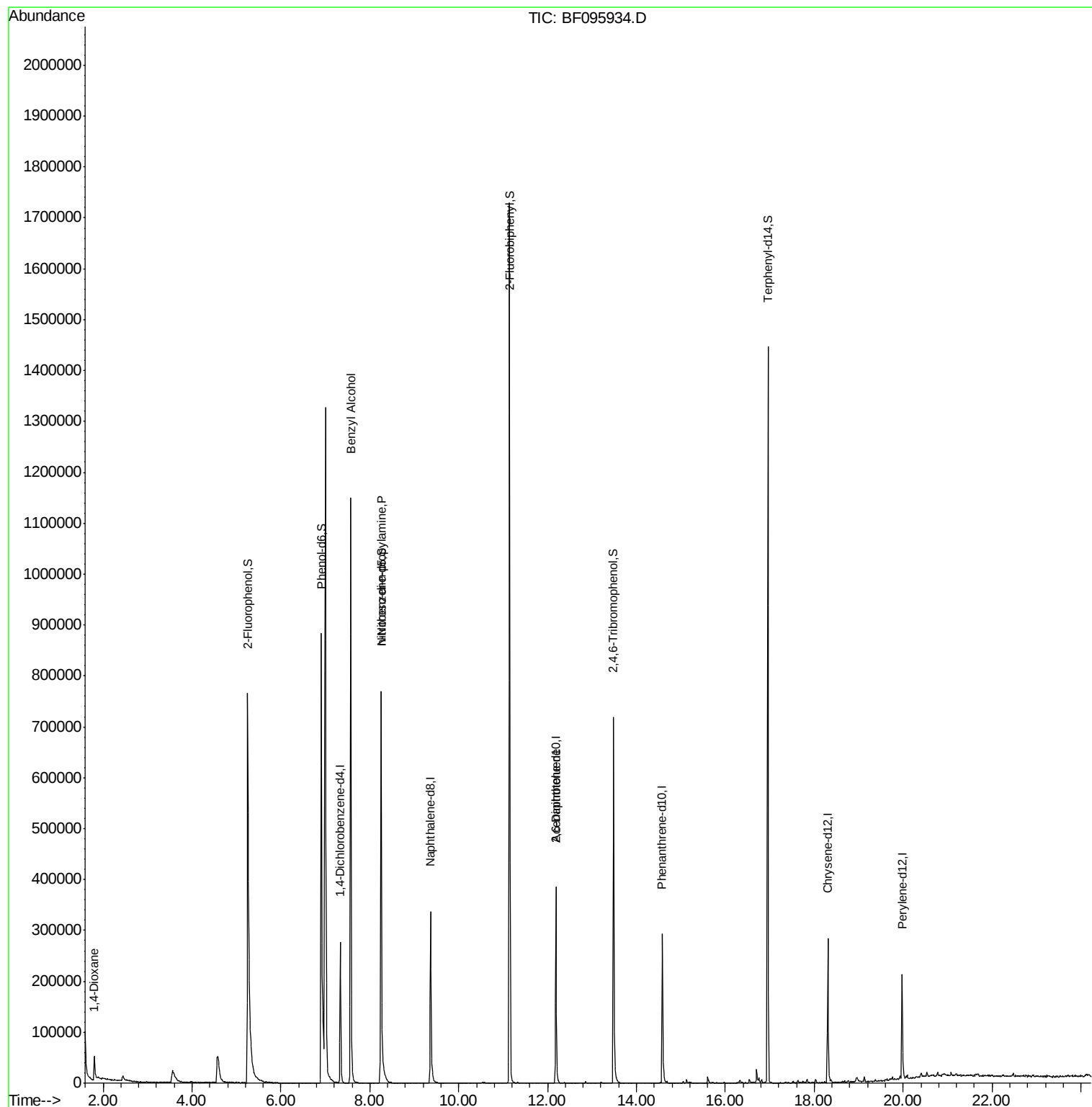
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	69199	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	277711	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	117578	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	181995	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	142150	20.00	ng	-0.05
86) Perylene-d12	19.97	264	111349	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	589745	135.80	ng	-0.03
7) Phenol-d6	6.90	99	653475	125.69	ng	-0.05
23) Nitrobenzene-d5	8.26	82	437855	97.92	ng	-0.06
41) 2,4,6-Tribromophenol	13.49	330	132399	127.27	ng	-0.06
44) 2-Fluorobiphenyl	11.14	172	829050	98.12	ng	-0.07
78) Terphenyl-d14	16.96	244	563993	98.47	ng	-0.06
Target Compounds						
2) 1,4-Dioxane	1.80	88	28372	13.73	ng	Qvalue 96
15) Benzyl Alcohol	7.57	79	7362	2.06	ng	# 47
19) n-Nitroso-di-n-propylamine	8.26	70	53868	16.35	ng	# 75
50) 2,6-Dinitrotoluene	12.19	165	14421	7.41	ng	# 31

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

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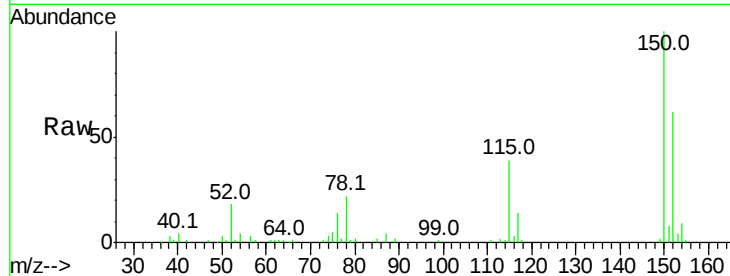


#1

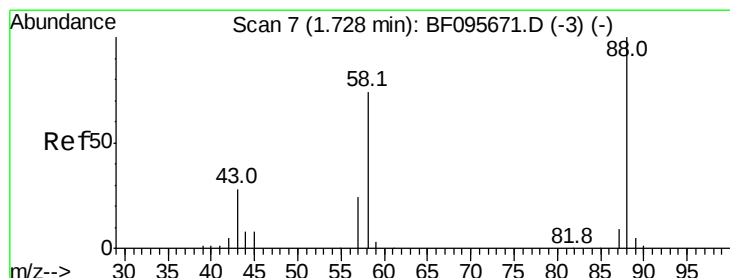
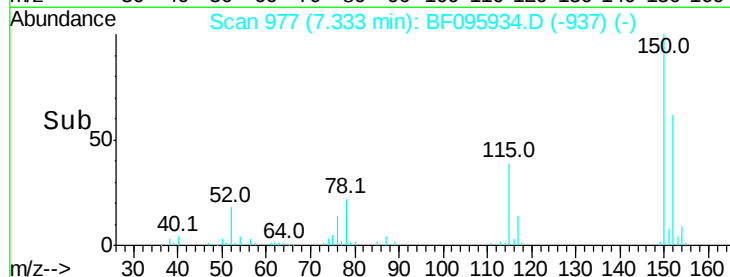
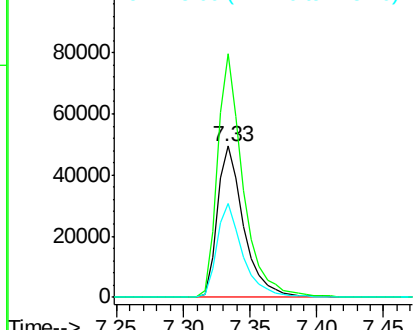
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095934.D
Acq: 14 Jun 2017 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 69199
Ion Ratio Lower Upper
152 100
150 161.1 126.2 189.2
115 62.5 52.2 78.2



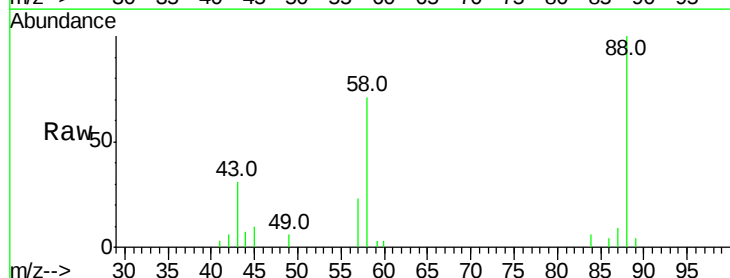
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



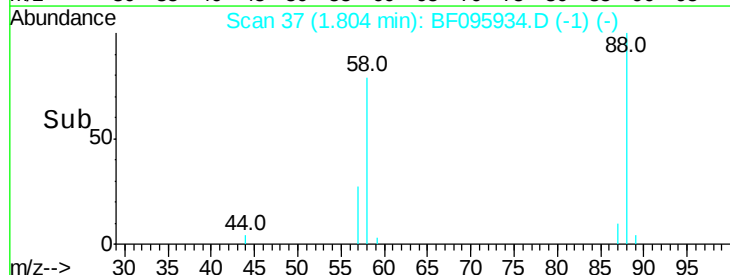
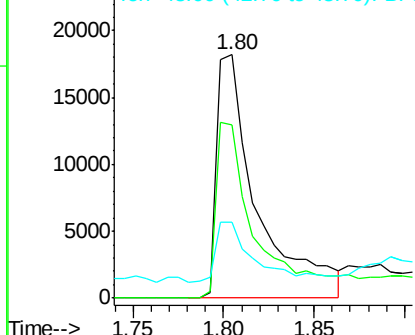
#2

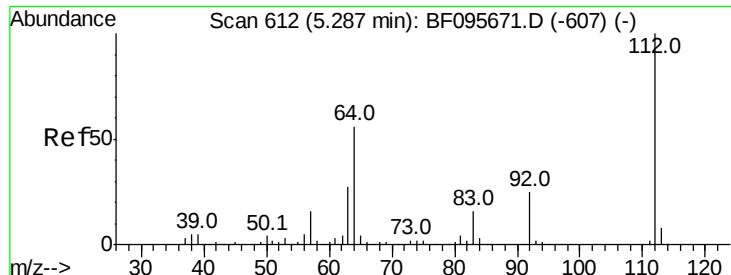
1,4-Dioxane
Concen: 13.73 ng
RT: 1.80 min Scan# 37
Delta R.T. 0.08 min
Lab File: BF095934.D
Acq: 14 Jun 2017 21:25

Tgt Ion: 88 Resp: 28372
Ion Ratio Lower Upper
88 100
58 74.9 61.4 92.0
43 23.6 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 135.80 ng

RT: 5.25 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

Instrument :
BNA_F
ClientSampleId :

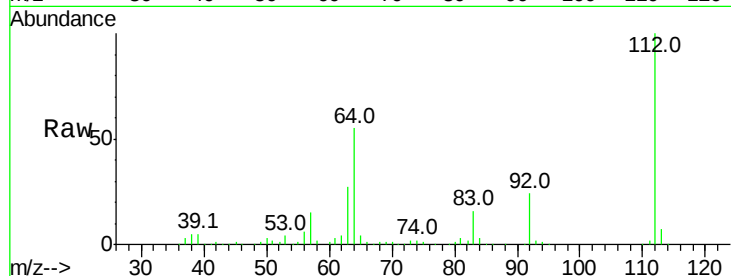
Tot Ion:112 Resp: 589745

Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

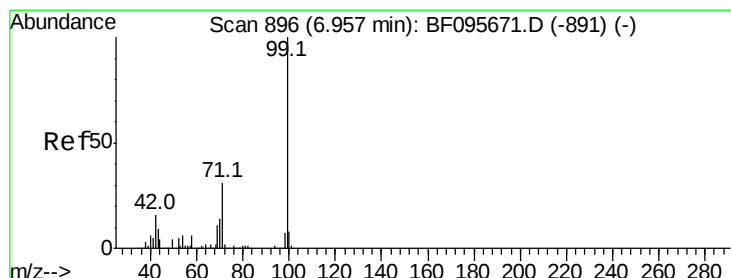
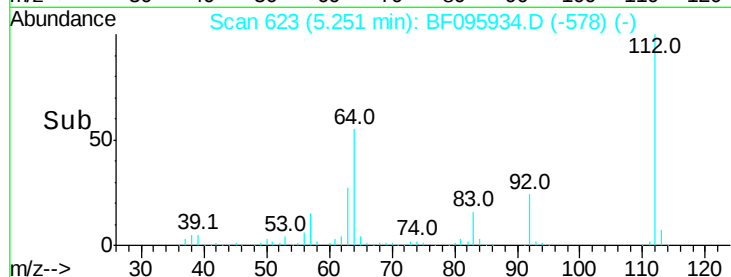
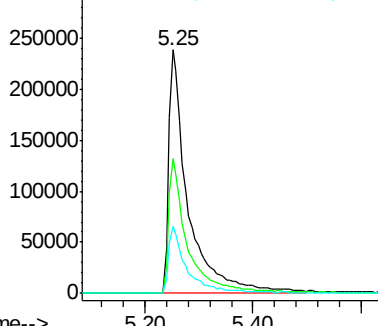
63 27.5 23.4 35.0



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: 125.69 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

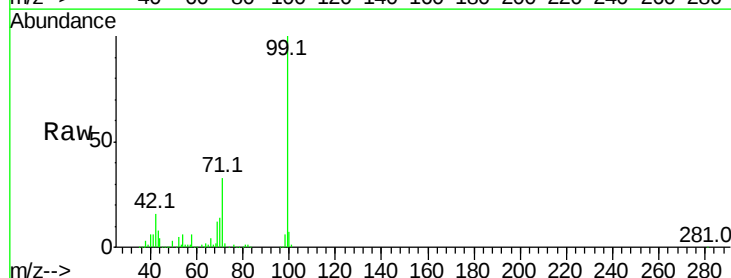
Tgt Ion: 99 Resp: 653475

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

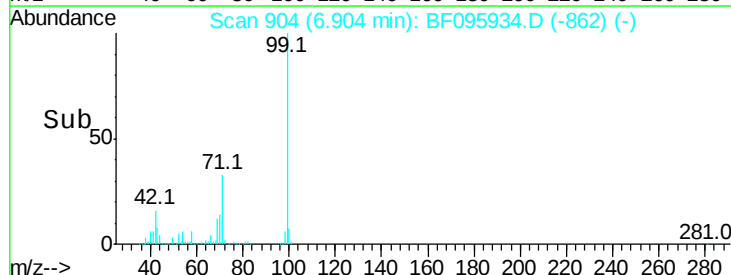
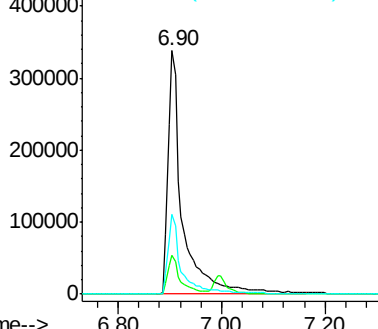
71 33.0 24.5 36.7

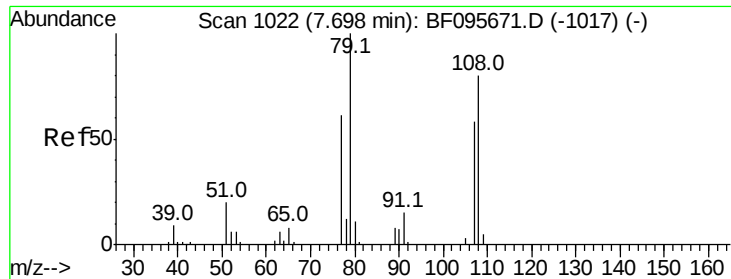


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.57 min Scan# 1017

Delta R.T. -0.13 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

Instrument :

BNA_F

ClientSampleId :

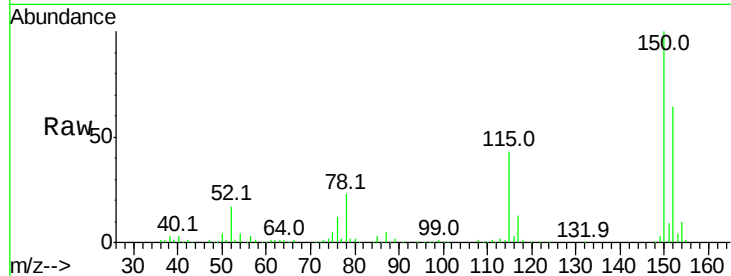
Tot Ion: 79 Resp: 7362

Ion Ratio Lower Upper

79 100

108 32.2 63.4 95.0#

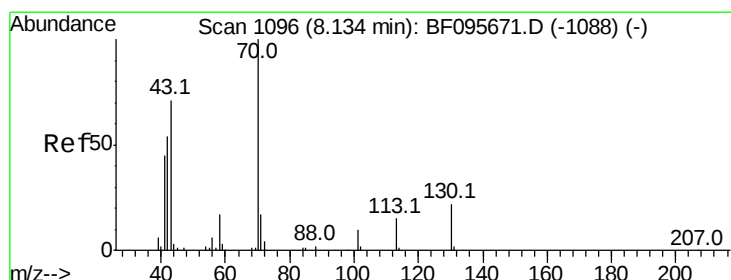
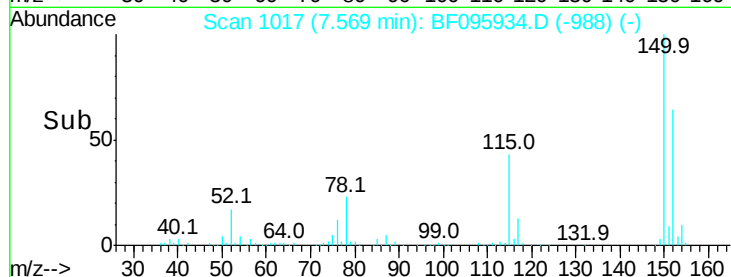
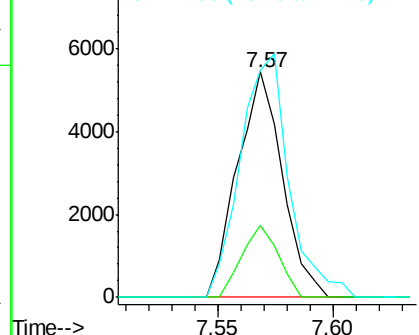
77 100.8 49.2 73.8#



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: 16.35 ng

RT: 8.26 min Scan# 1134

Delta R.T. 0.12 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

Tgt Ion: 70 Resp: 53868

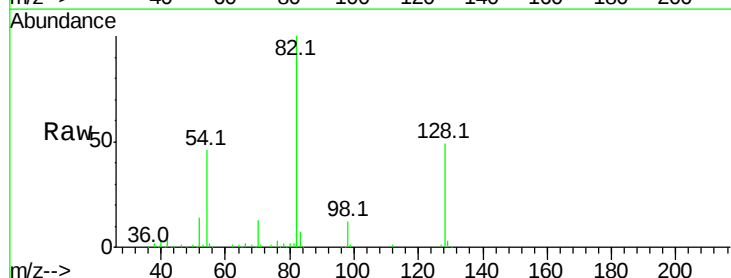
Ion Ratio Lower Upper

70 100

42 43.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

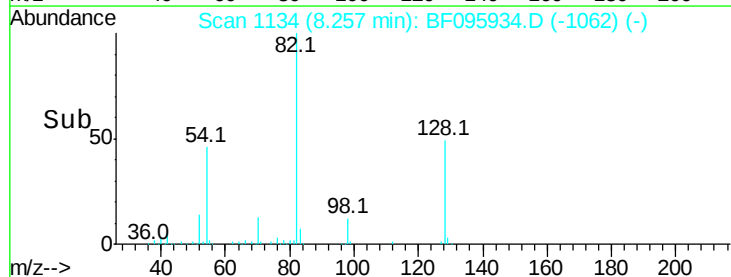
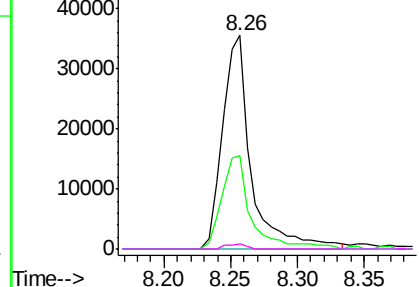


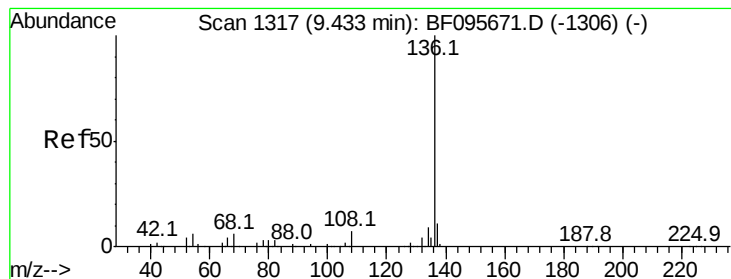
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.37 min Scan# 1323

Delta R.T. -0.06 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 277711

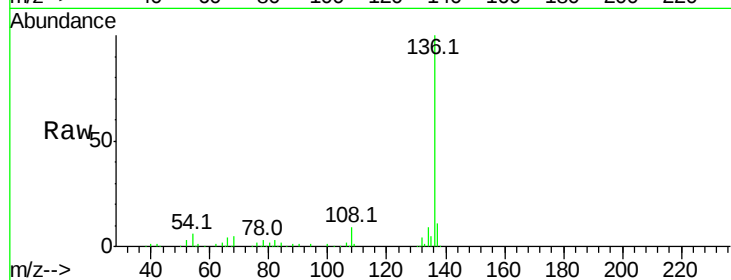
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.5 4.9 7.3

68 5.0 4.1 6.1

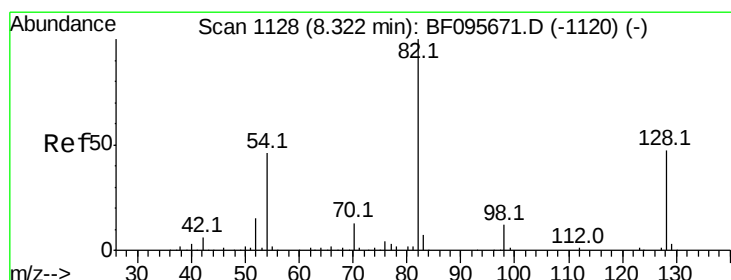
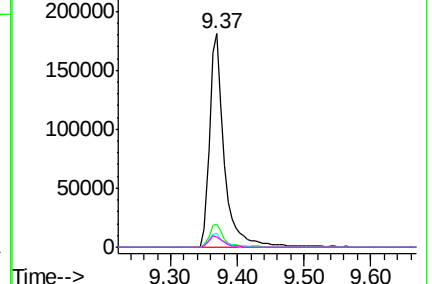
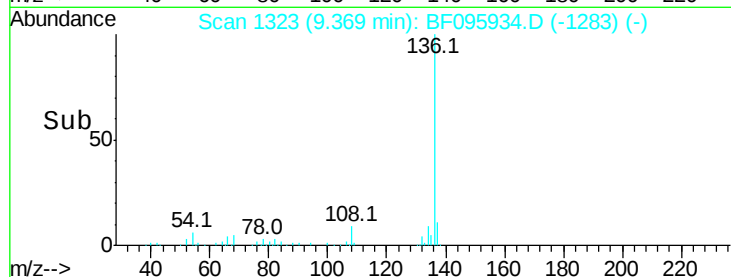


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.92 ng

RT: 8.26 min Scan# 1134

Delta R.T. -0.06 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

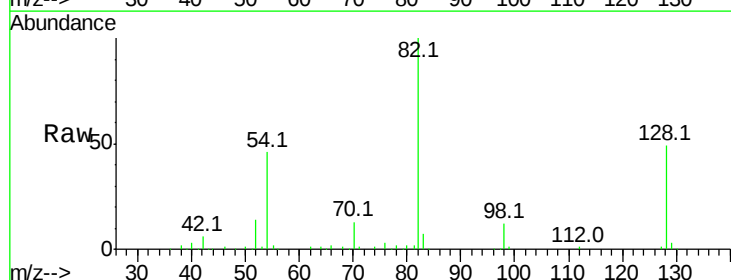
Tgt Ion: 82 Resp: 437855

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

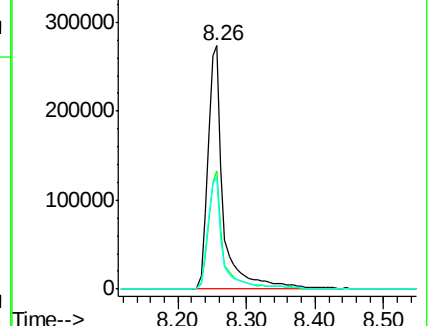
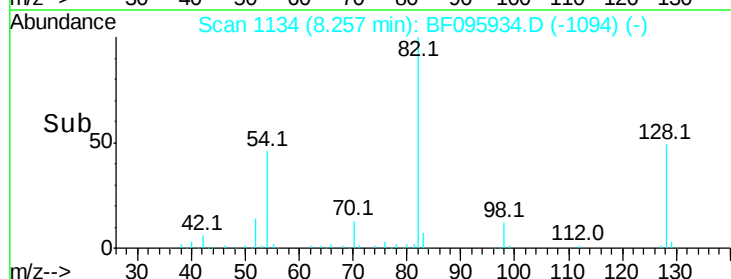
54 46.0 42.2 63.2

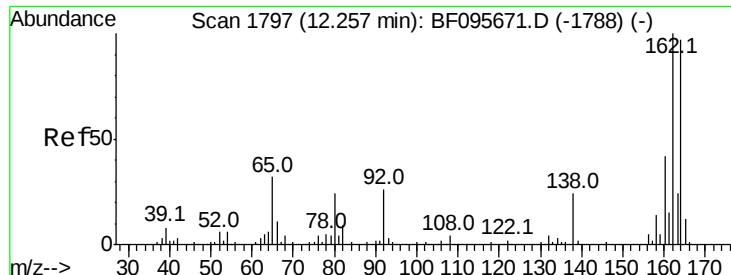


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

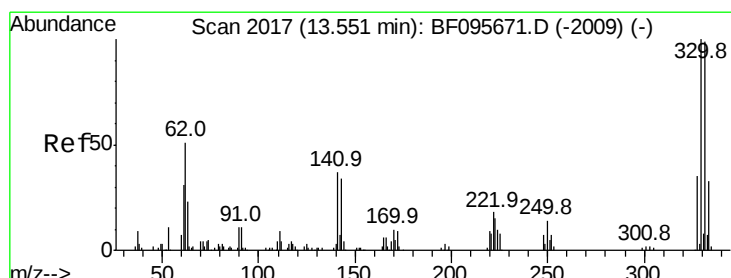
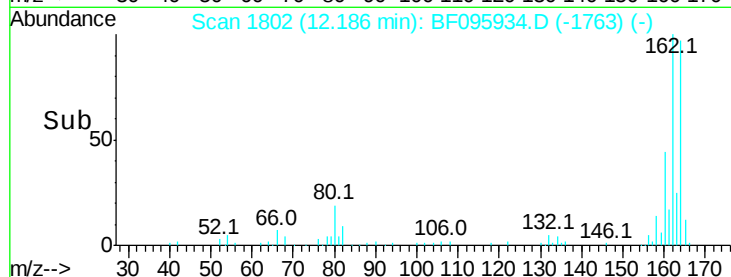
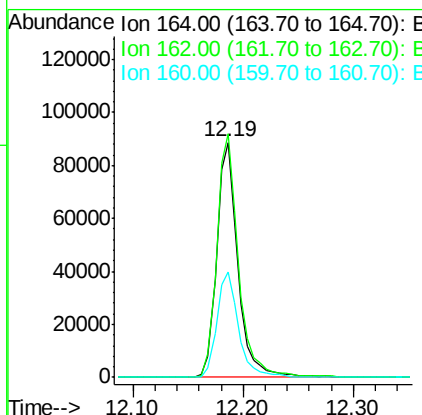
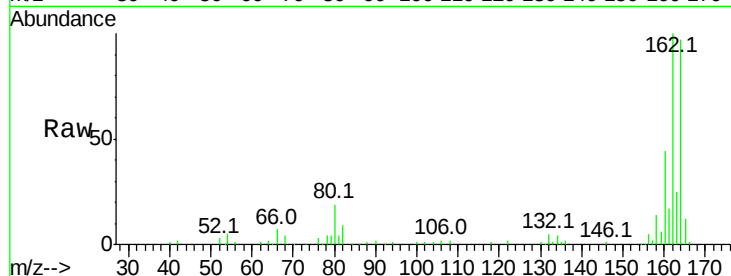




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095934.D
Acq: 14 Jun 2017 21:25

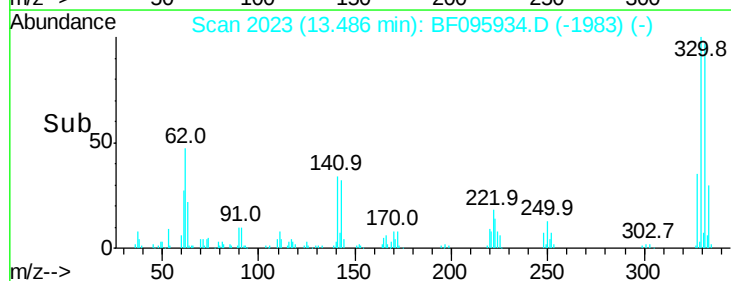
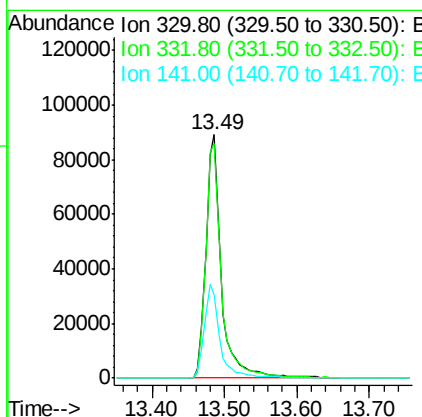
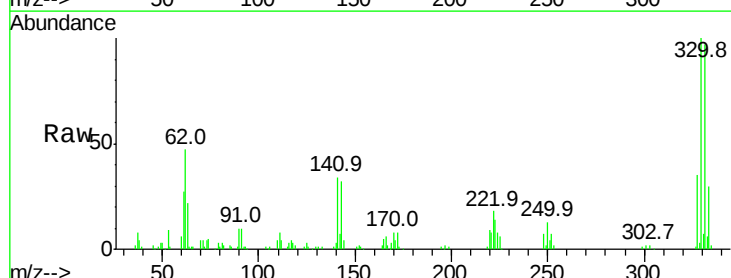
Instrument :
BNA_F
ClientSampleId :

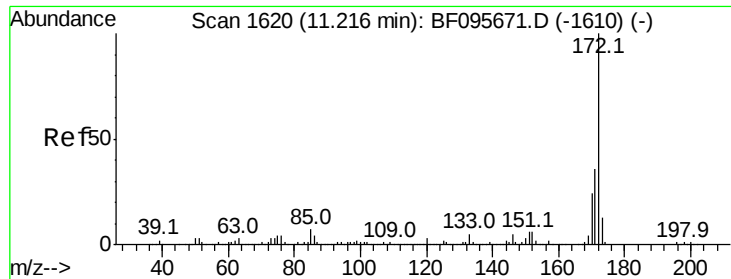
Tot Ion:164 Resp: 117578
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 45.0 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 127.27 ng
RT: 13.49 min Scan# 2023
Delta R.T. -0.06 min
Lab File: BF095934.D
Acq: 14 Jun 2017 21:25

Tgt Ion:330 Resp: 132399
Ion Ratio Lower Upper
330 100
332 97.7 76.6 115.0
141 38.5 31.4 47.2

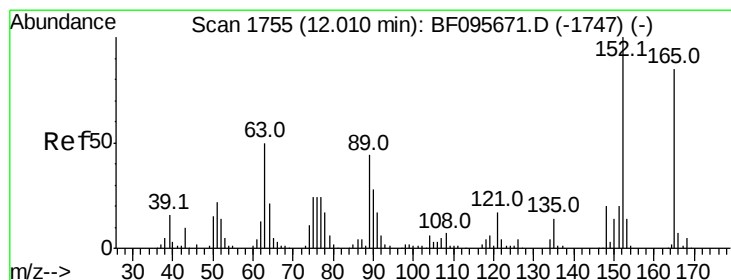
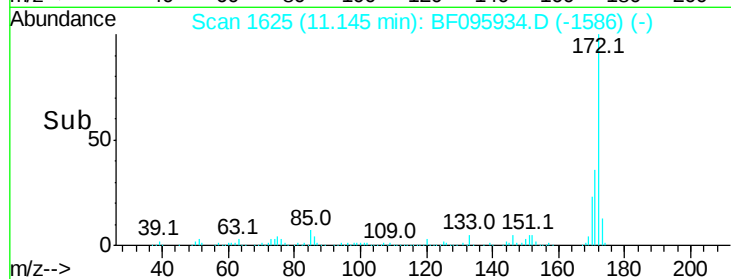
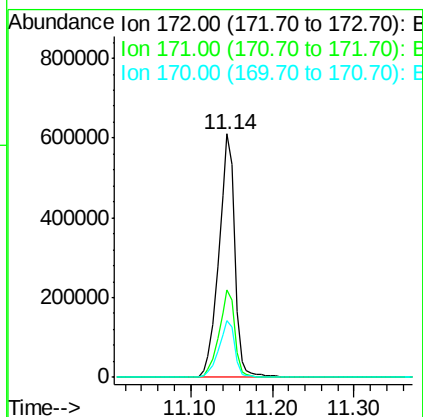
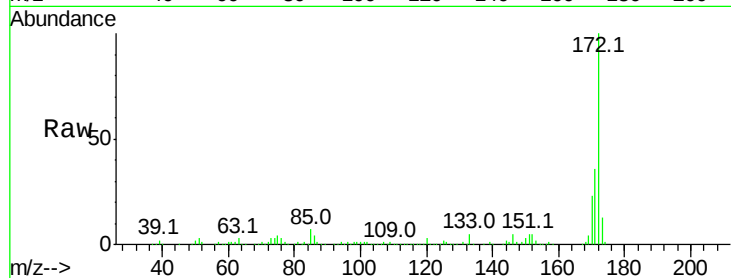




#44
2-Fluorobiphenyl
Concen: 98.12 ng
RT: 11.14 min Scan# 1625
Delta R.T. -0.07 min
Lab File: BF095934.D
Acq: 14 Jun 2017 21:25

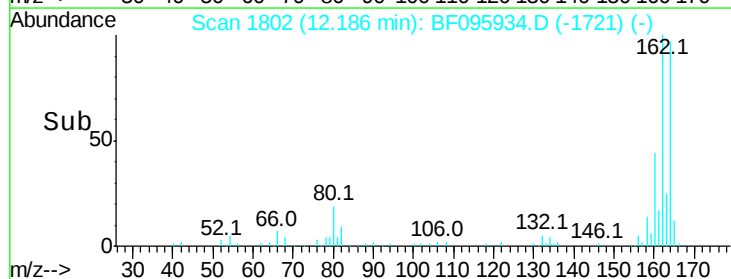
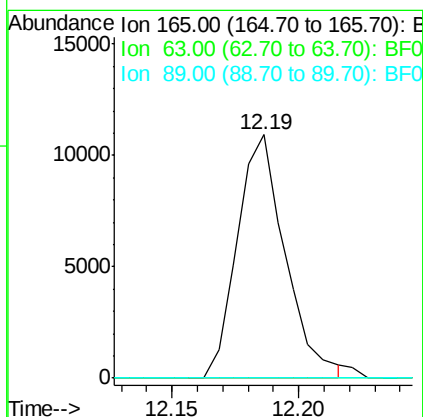
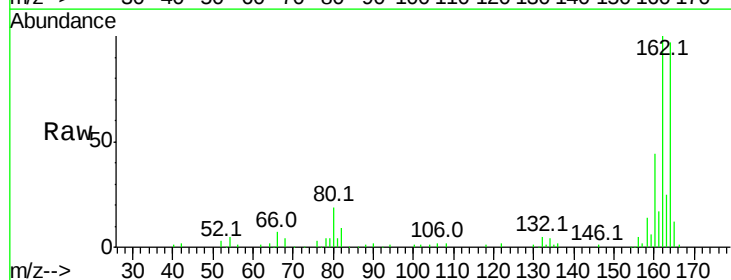
Instrument :
BNA_F
ClientSampleId :

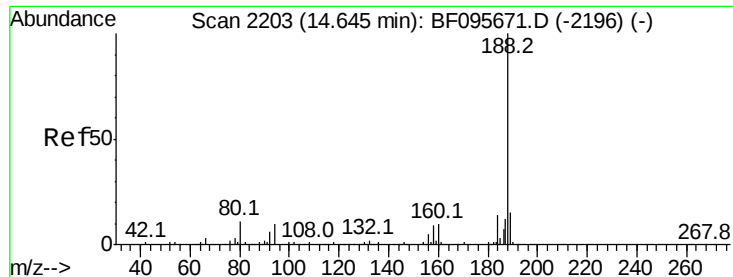
Tot Ion:172 Resp: 829050
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.5 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 12.19 min Scan# 1802
Delta R.T. 0.18 min
Lab File: BF095934.D
Acq: 14 Jun 2017 21:25

Tgt Ion:165 Resp: 14421
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

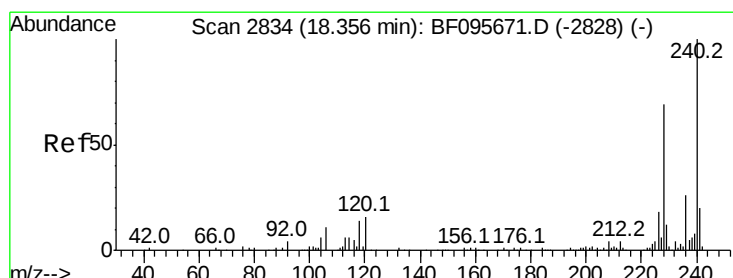
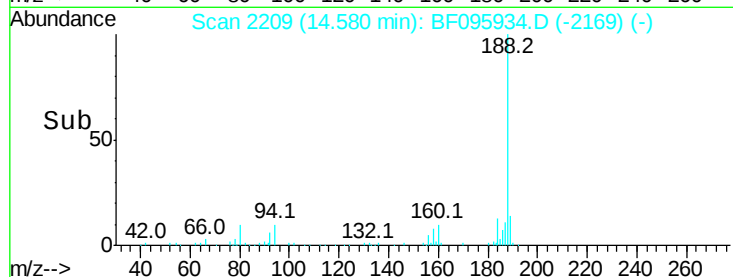
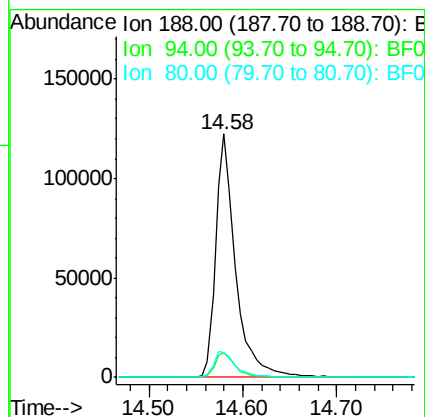
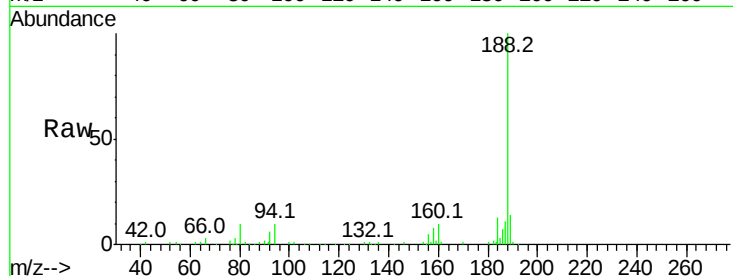




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095934.D
Acq: 14 Jun 2017 21:25

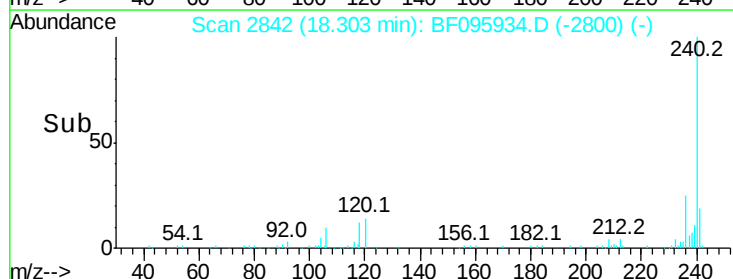
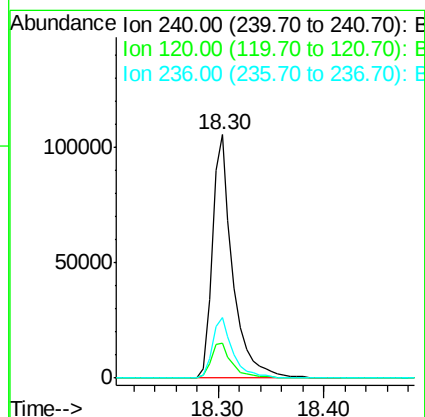
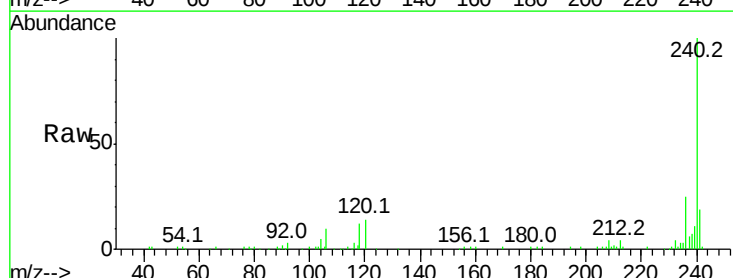
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 181995
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 9.9 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2842
Delta R.T. -0.05 min
Lab File: BF095934.D
Acq: 14 Jun 2017 21:25

Tgt Ion:240 Resp: 142150
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 24.9 20.5 30.7





#78

Terphenyl-d14

Concen: 98.47 ng

RT: 16.96 min Scan# 2613

Delta R.T. -0.06 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

Instrument :

BNA_F

ClientSampleId :

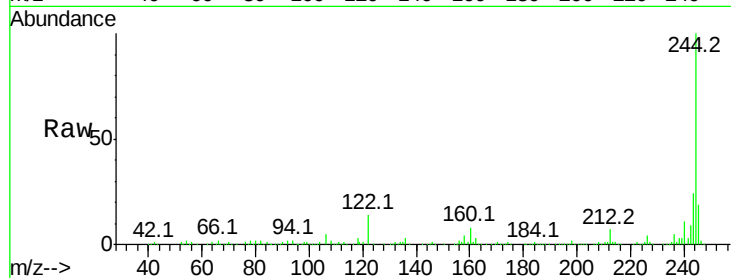
Tot Ion:244 Resp: 563993

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

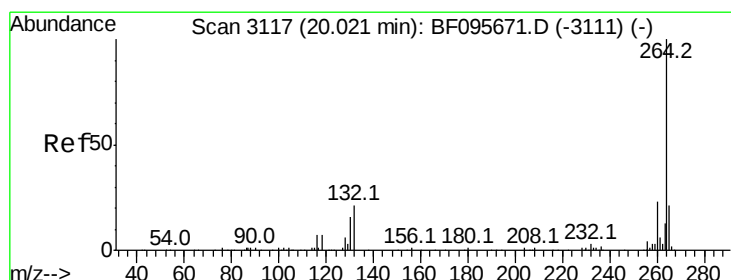
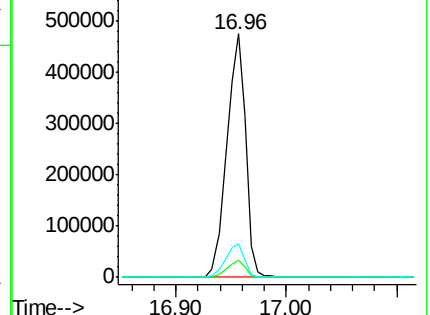
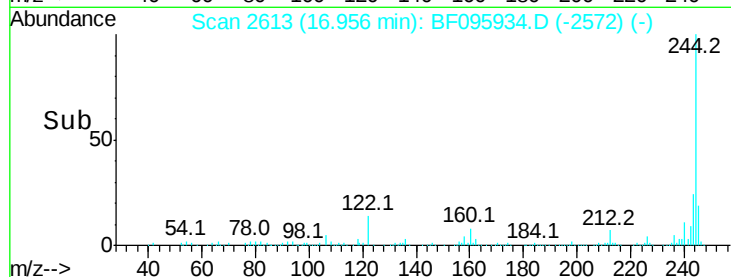
122 13.9 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 19.97 min Scan# 3126

Delta R.T. -0.05 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

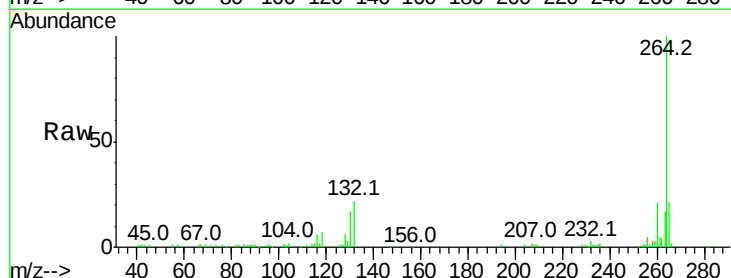
Tgt Ion:264 Resp: 111349

Ion Ratio Lower Upper

264 100

260 21.5 19.5 29.3

265 20.7 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

