

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095411.D
 Acq On : 25 May 2017 6:41
 Operator : SJ/MA
 Sample : I3300-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 08:15:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

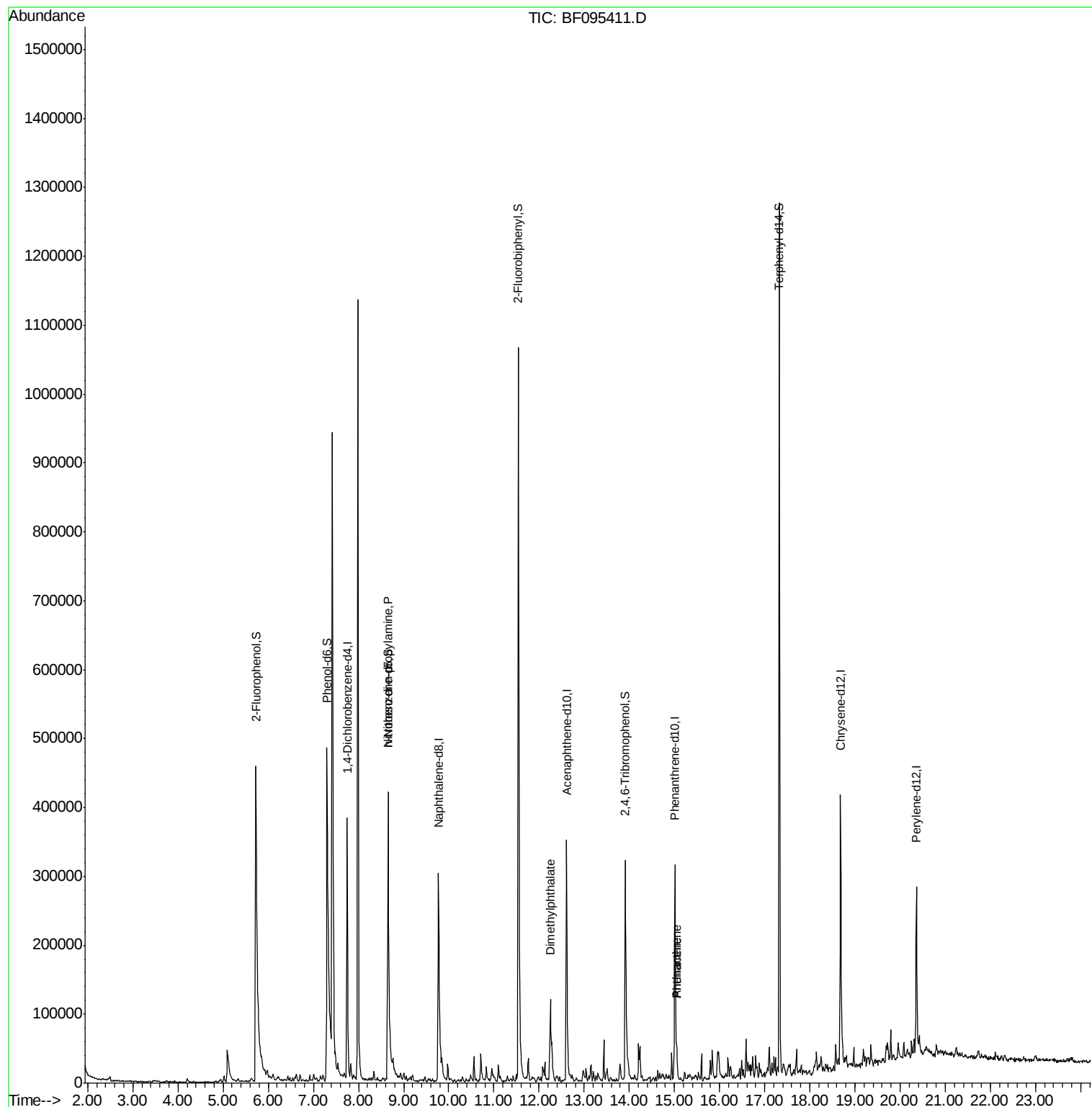
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	86303	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	307514	20.00	ng	-0.01
38) Acenaphthene-d10	12.61	164	118192	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	202585	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	179635	20.00	ng	-0.01
86) Perylene-d12	20.36	264	122573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	443763	85.73	ng	-0.01
7) Phenol-d6	7.30	99	557478	89.76	ng	-0.01
23) Nitrobenzene-d5	8.65	82	345561	70.86	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	74903	77.38	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	634706	77.29	ng	-0.02
78) Terphenyl-d14	17.32	244	495172	60.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	38616	9.19	ng	Qvalue # 74
49) Dimethylphthalate	12.25	163	108094	11.14	ng	99
70) Phenanthrene	15.05	178	26247	2.25	ng	95
71) Anthracene	15.05	178	26247	2.21	ng	96

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

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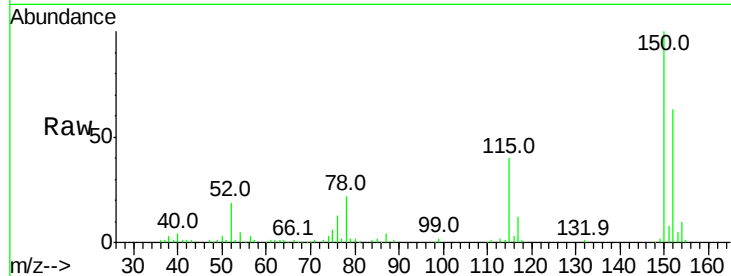


#1

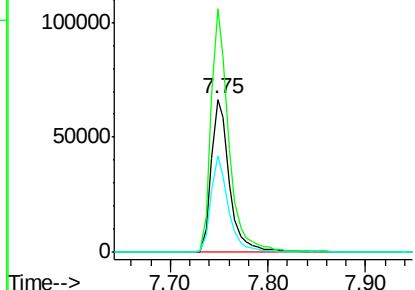
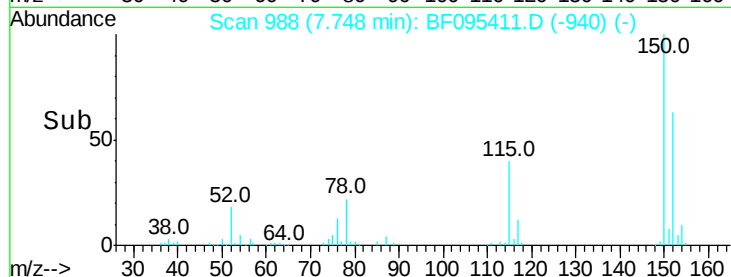
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095411.D
Acq: 25 May 2017 6:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 86303
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 63.0 52.2 78.2



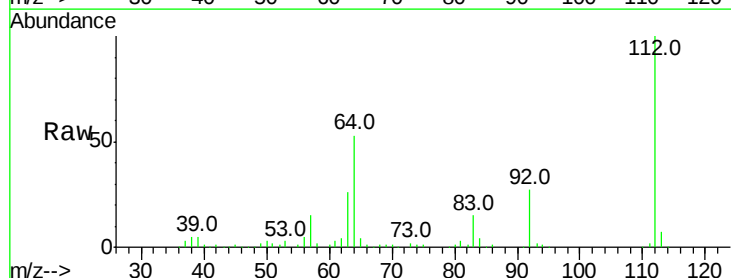
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



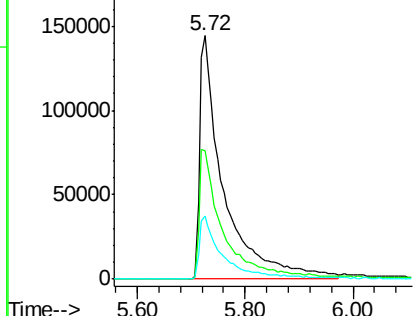
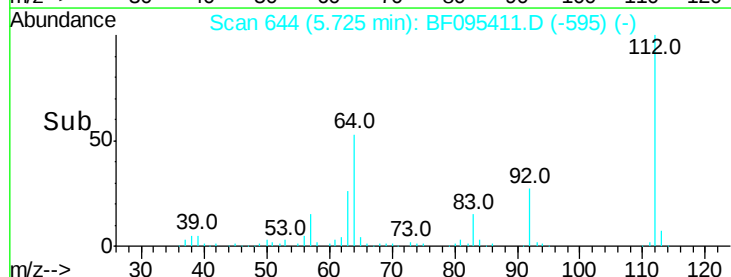
#5

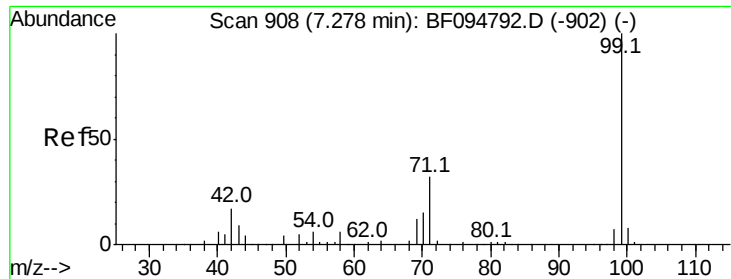
2-Fluorophenol
Concen: 85.73 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095411.D
Acq: 25 May 2017 6:41

Tgt Ion:112 Resp: 443763
Ion Ratio Lower Upper
112 100
64 52.8 46.0 69.0
63 26.2 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: 89.76 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

Instrument :

BNA_F

ClientSampled :

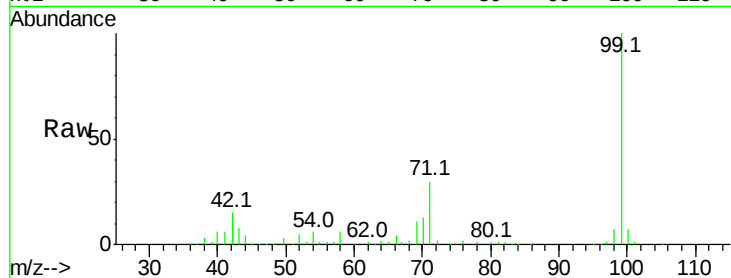
Tot Ion: 99 Resp: 557478

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

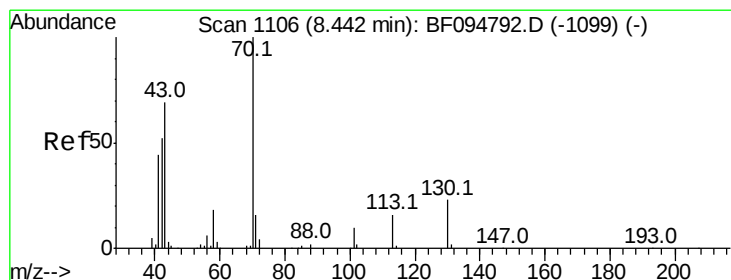
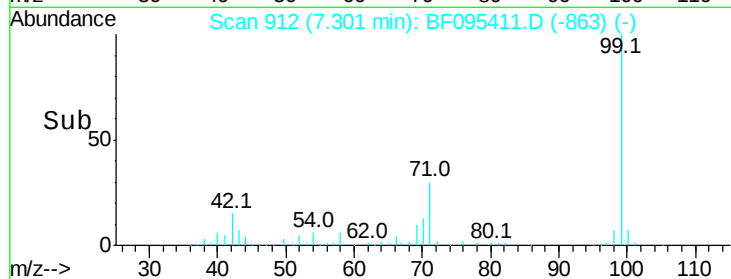
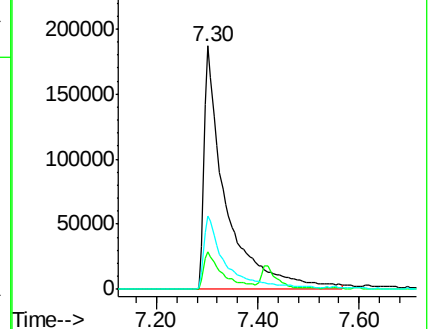
71 30.3 24.5 36.7



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: 9.19 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

Tgt Ion: 70 Resp: 38616

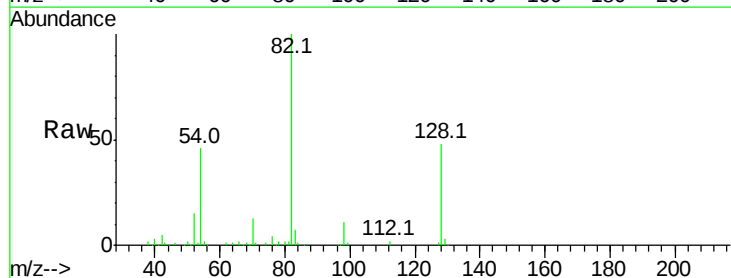
Ion Ratio Lower Upper

70 100

42 42.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#

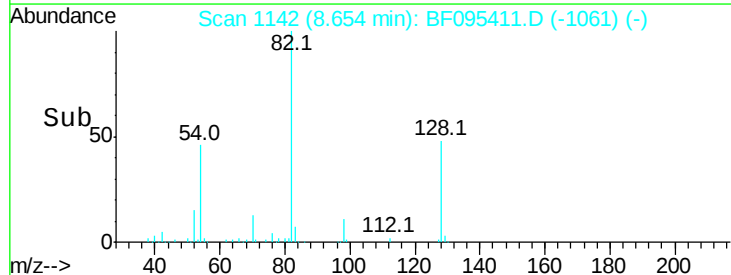
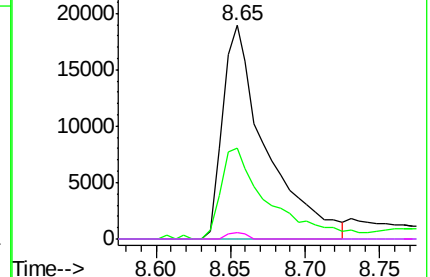


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095411.D

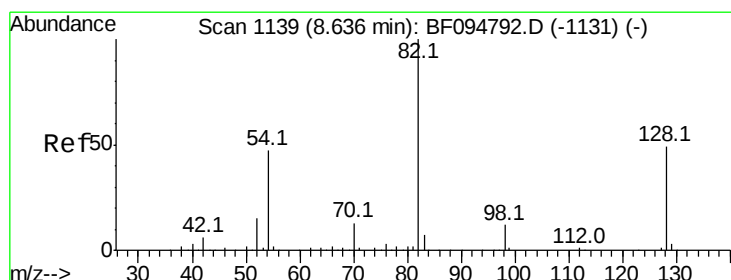
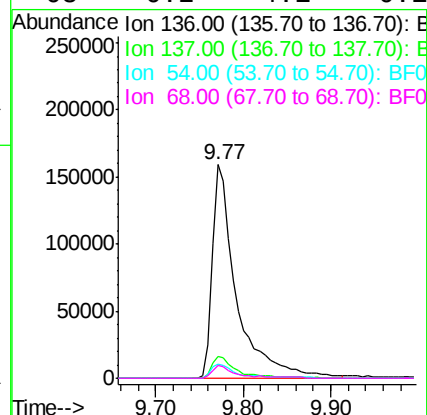
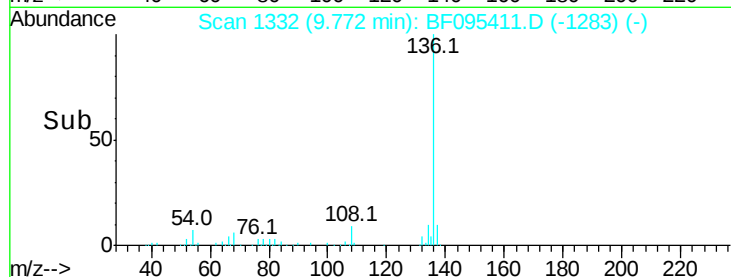
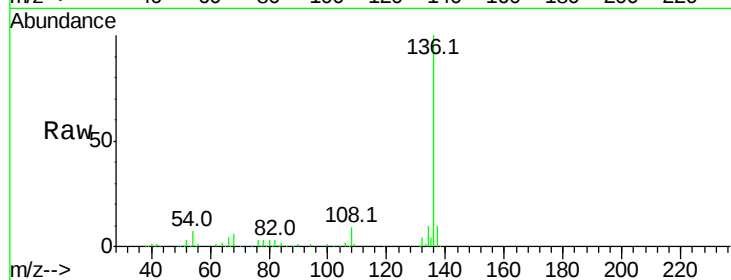
Acq: 25 May 2017 6:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	307514
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	6.6	4.9 7.3
68	6.2	4.1 6.1#



#23

Nitrobenzene-d5

Concen: 70.86 ng

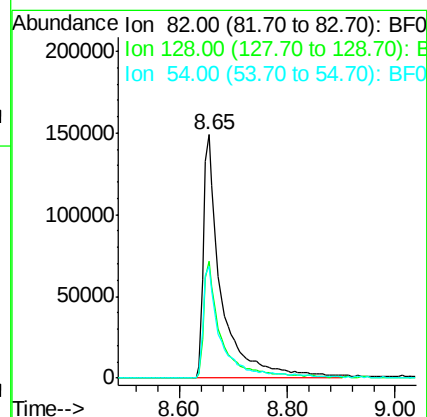
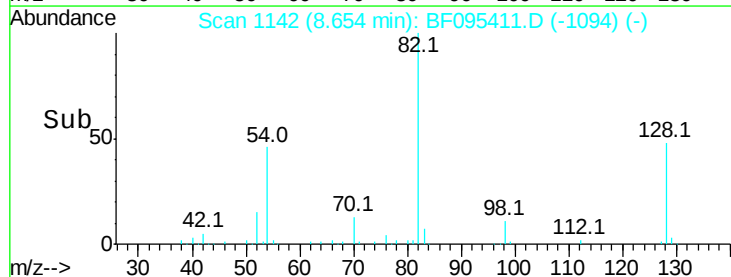
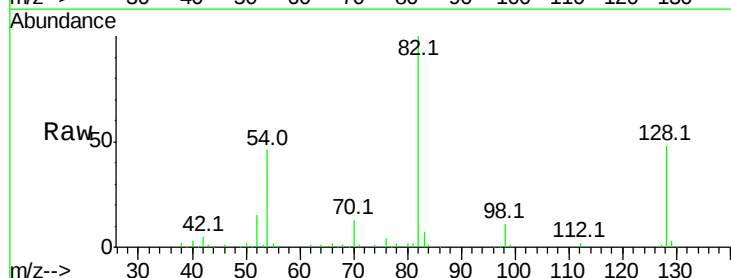
RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

Tgt Ion: 82	Resp:	345561
Ion Ratio	Lower	Upper
82	100	
128	48.0	34.0 51.0
54	45.8	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

Instrument :

BNA_F

ClientSampleId :

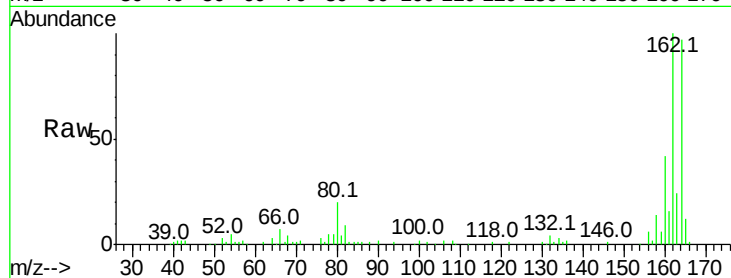
Tot Ion:164 Resp: 118192

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

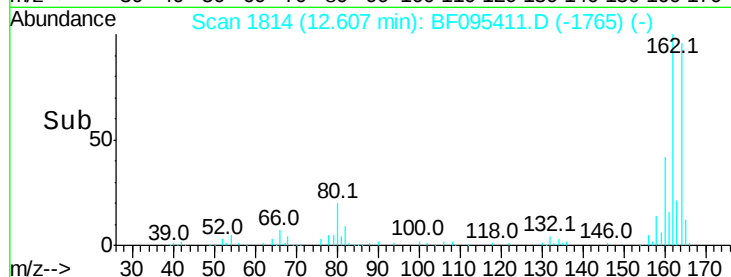
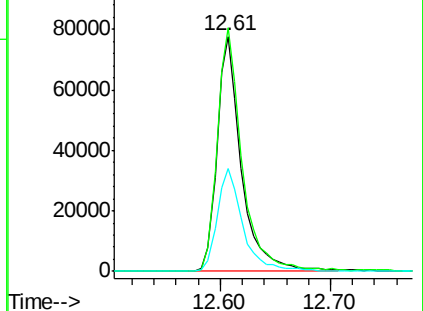
160 43.8 36.2 54.2



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: 77.38 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

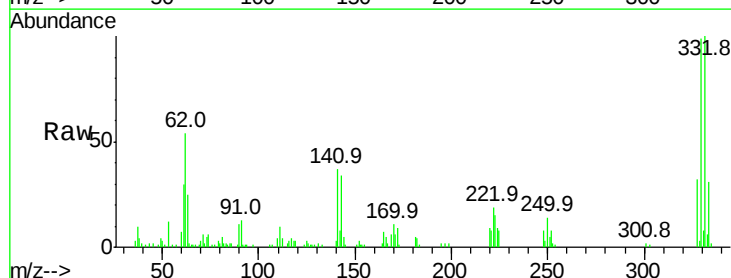
Tgt Ion:330 Resp: 74903

Ion Ratio Lower Upper

330 100

332 98.8 76.6 115.0

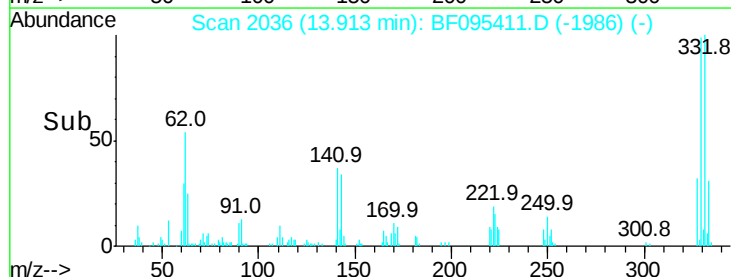
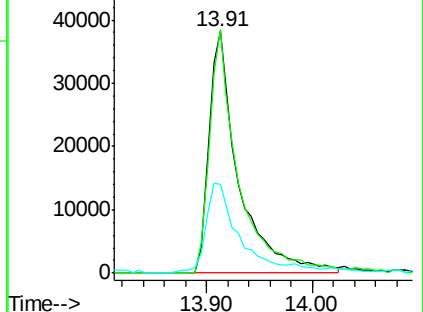
141 43.0 31.4 47.2



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

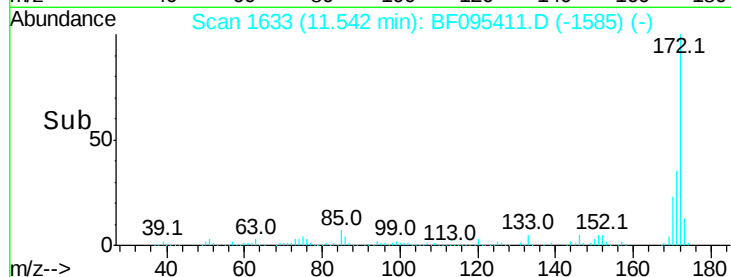
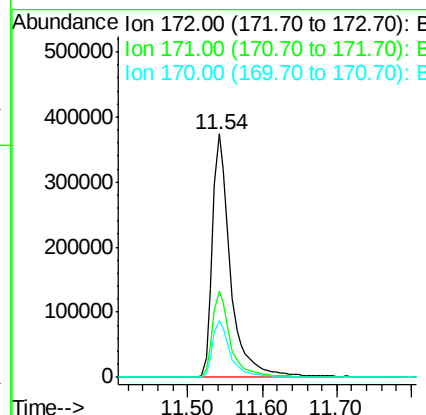
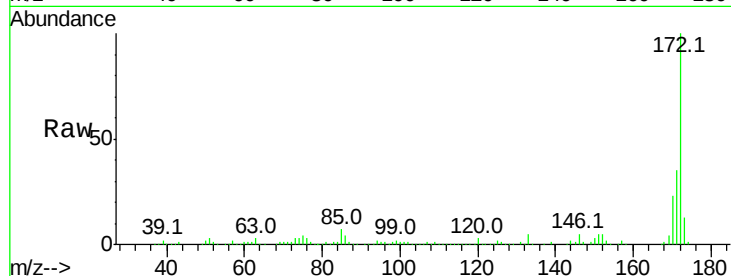




#44
2-Fluorobiphenyl
Concen: 77.29 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095411.D
Acq: 25 May 2017 6:41

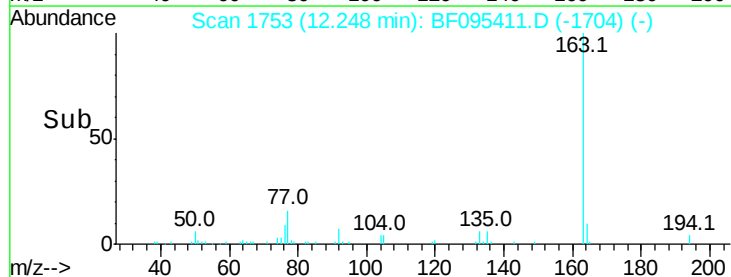
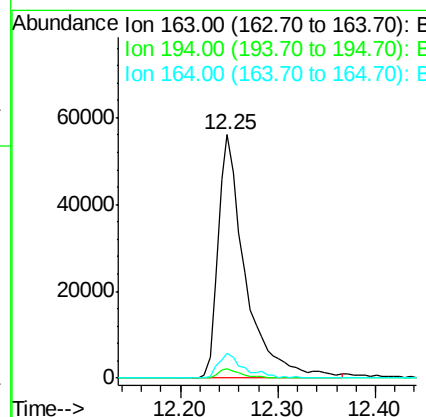
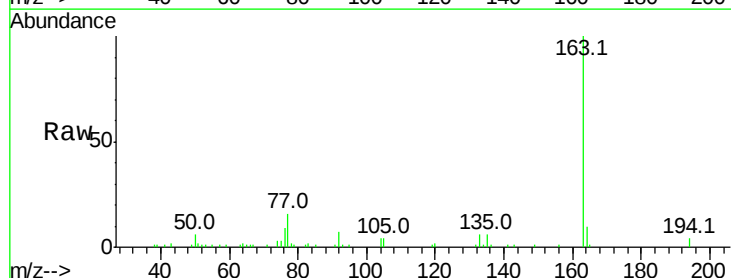
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 634706
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.1 19.8 29.8



#49
Dimethylphthalate
Concen: 11.14 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095411.D
Acq: 25 May 2017 6:41

Tgt Ion:163 Resp: 108094
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.3 8.4 12.6

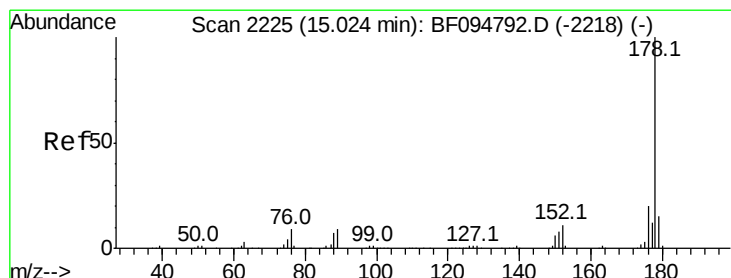
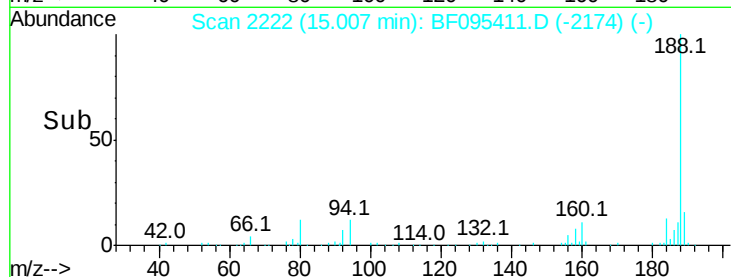
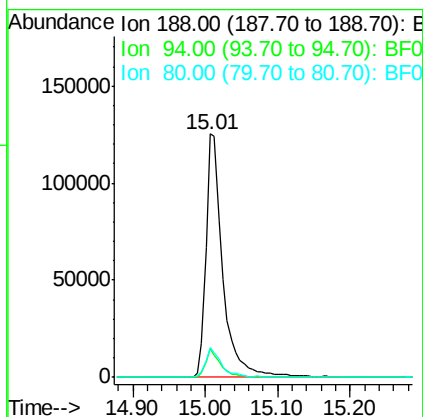
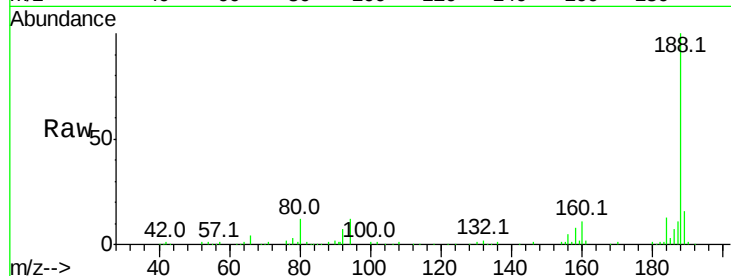




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095411.D
 Acq: 25 May 2017 6:41

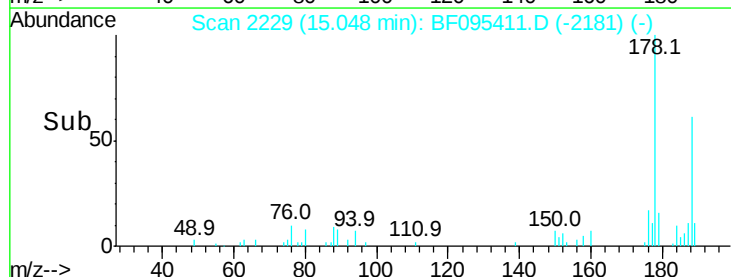
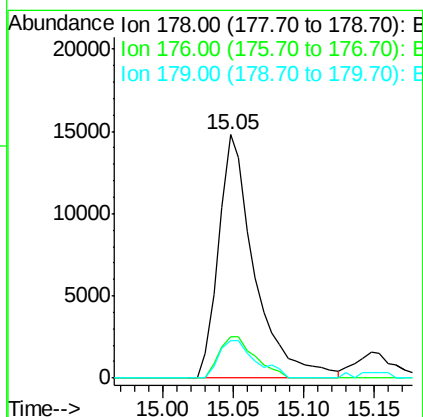
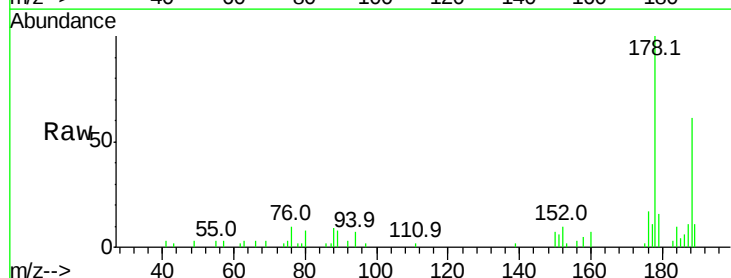
Instrument :
 BNA_F
 ClientSampleId :

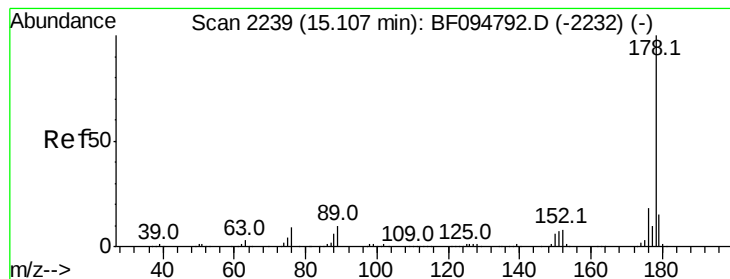
Tot Ion:188 Resp: 202585
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 12.2 10.2 15.2



#70
 Phenanthrene
 Concen: 2.25 ng
 RT: 15.05 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095411.D
 Acq: 25 May 2017 6:41

Tgt Ion:178 Resp: 26247
 Ion Ratio Lower Upper
 178 100
 176 16.8 16.2 24.4
 179 15.5 12.6 19.0





#71

Anthracene

Concen: 2.21 ng

RT: 15.05 min Scan# 2229

Delta R.T. -0.09 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

Instrument :

BNA_F

ClientSampleId :

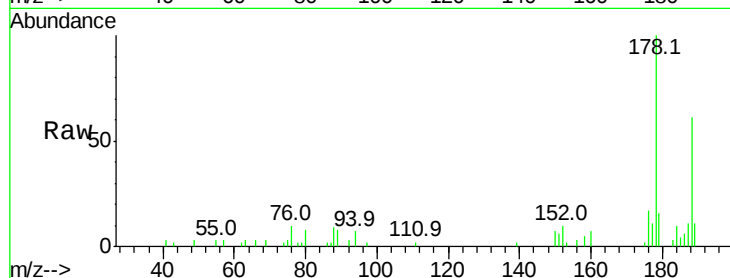
Tot Ion:178 Resp: 26247

Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.8	23.8
179	15.5	12.7	19.1

178 100

176 16.8 15.8 23.8

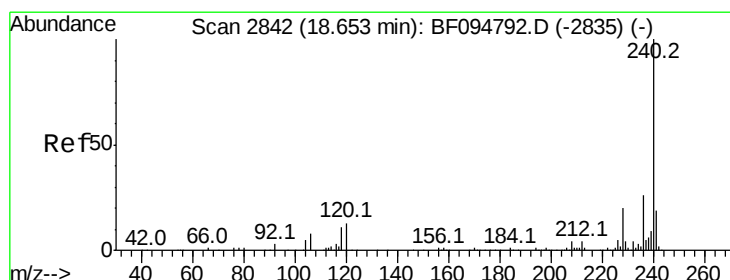
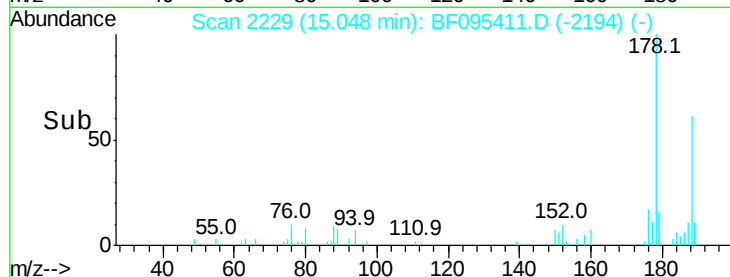
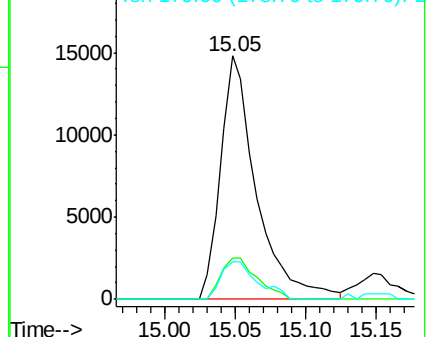
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

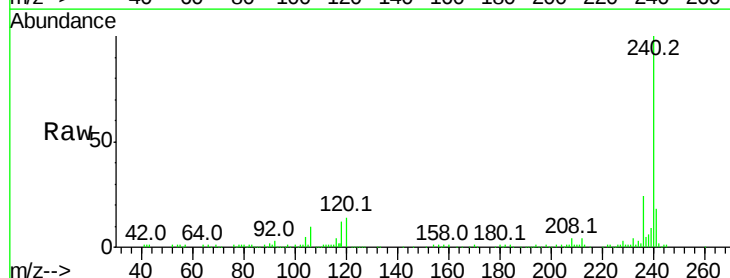
Tgt Ion:240 Resp: 179635

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	23.9	20.5	30.7

240 100

120 13.7 5.8 8.8#

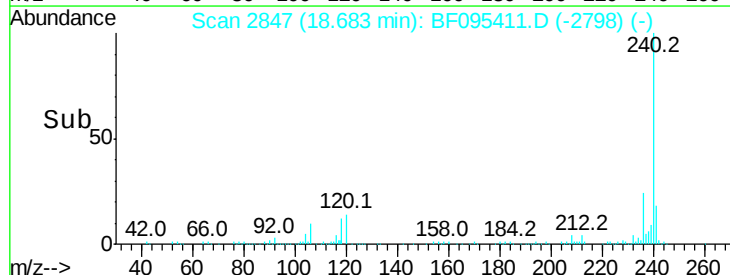
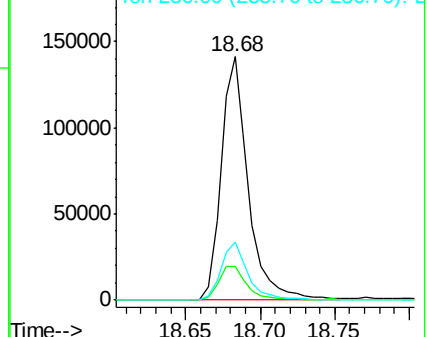
236 23.9 20.5 30.7

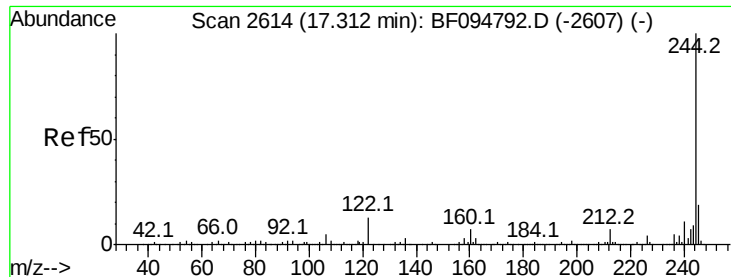


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.71 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

Instrument :

BNA_F

ClientSampleId :

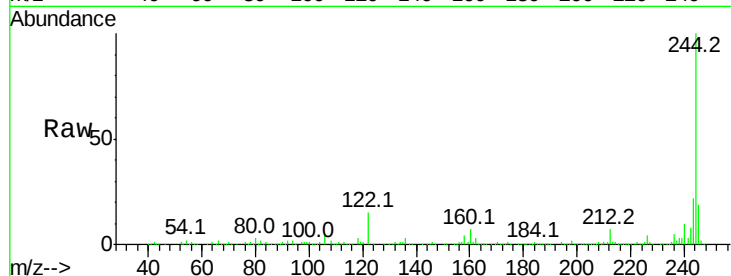
Tot Ion:244 Resp: 495172

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

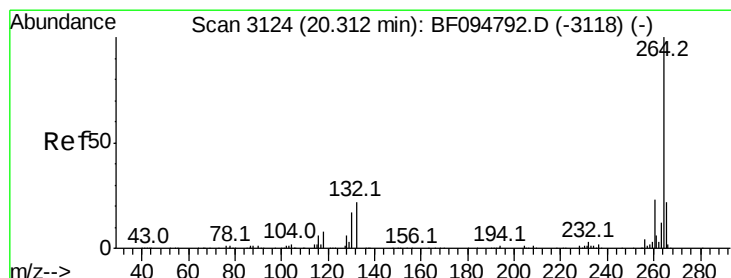
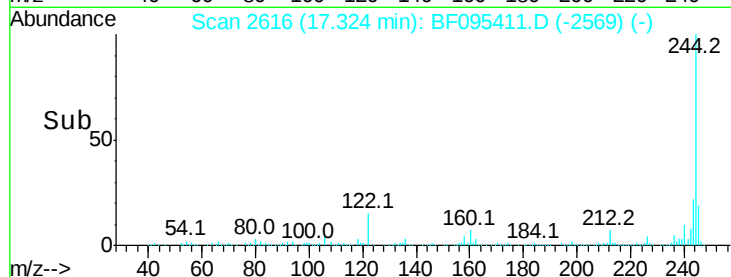
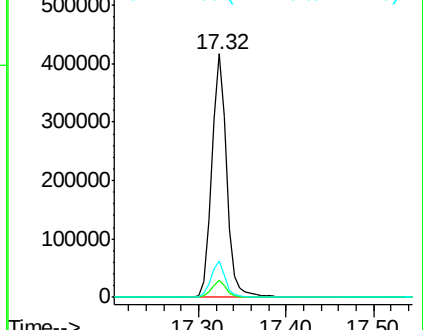
122 14.7 10.3 15.5



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: 20.36 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

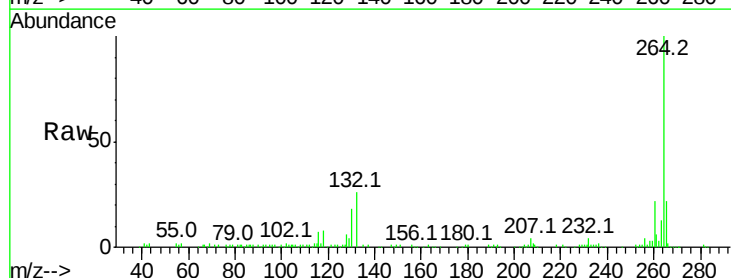
Tgt Ion:264 Resp: 122573

Ion Ratio Lower Upper

264 100

260 22.2 19.5 29.3

265 22.0 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

