

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095706.D
 Acq On : 6 Jun 2017 13:32
 Operator : SJ/MA
 Sample : I3444-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 16:30:34 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

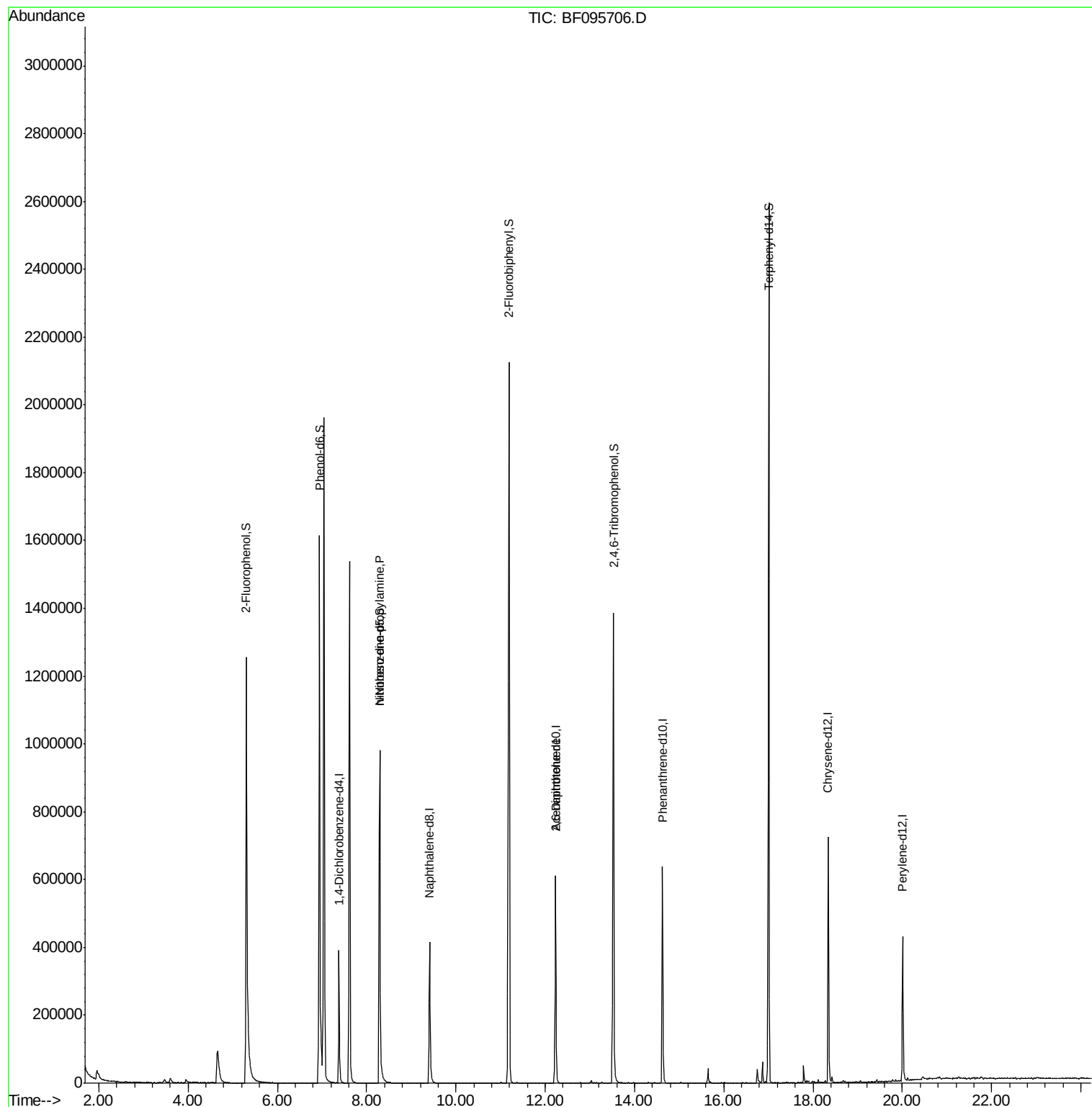
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	93046	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	392804	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	203820	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	351018	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	336218	20.00	ng	-0.02
86) Perylene-d12	20.01	264	214489	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	860292	147.33	ng	0.02
7) Phenol-d6	6.95	99	1005889	143.89	ng	-0.01
23) Nitrobenzene-d5	8.29	82	616329	97.45	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	278769	154.59	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	1401863	95.71	ng	-0.02
78) Terphenyl-d14	17.01	244	1146523	84.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.29	70	77623	17.52	ng	# 75
50) 2,6-Dinitrotoluene	12.23	165	25309	7.50	ng	# 33

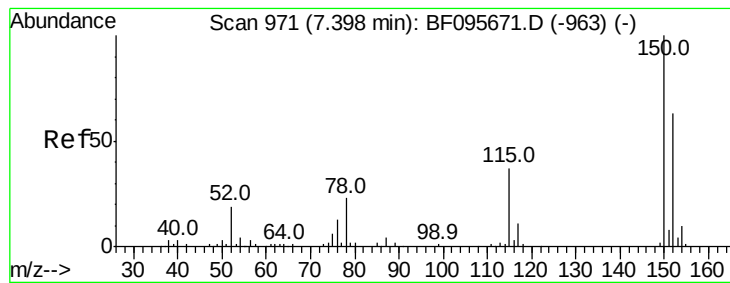
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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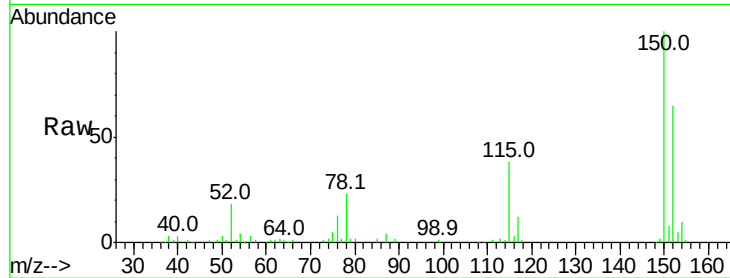


#1

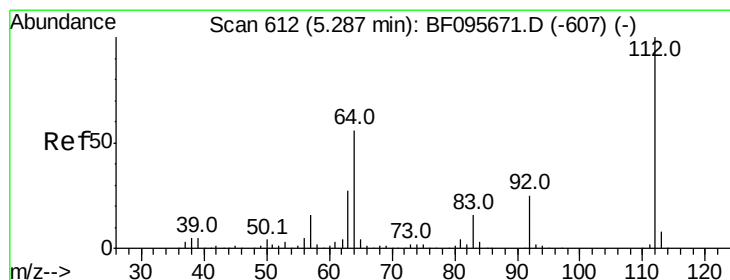
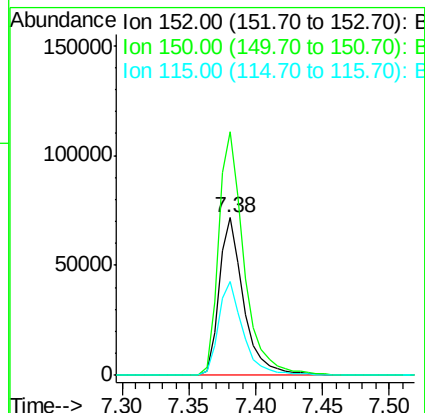
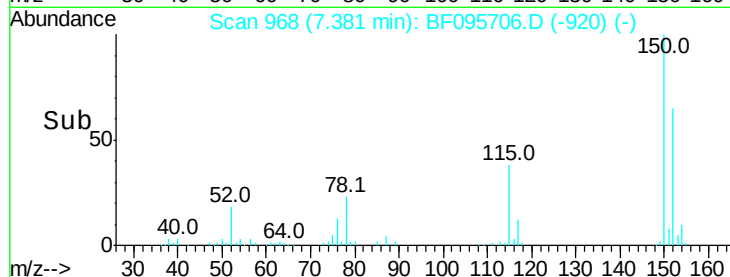
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF095706.D
Acq: 6 Jun 2017 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 93046
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 59.4 52.2 78.2



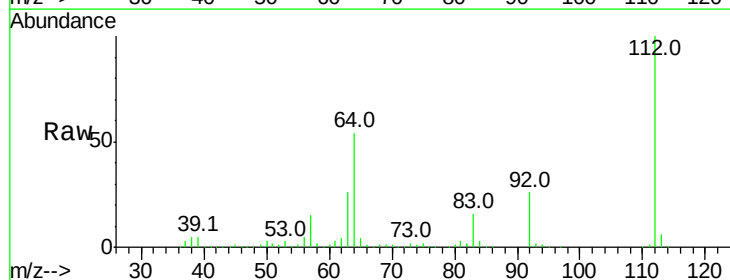
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



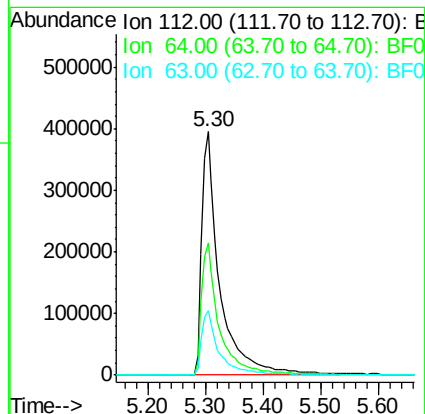
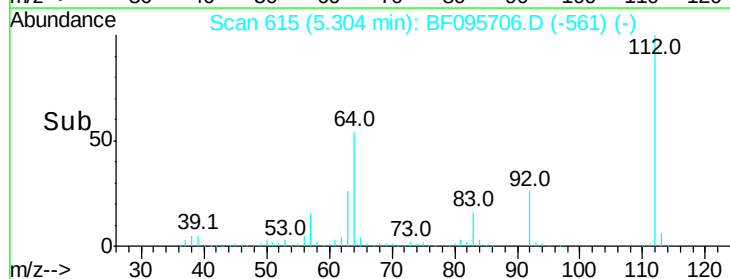
#5

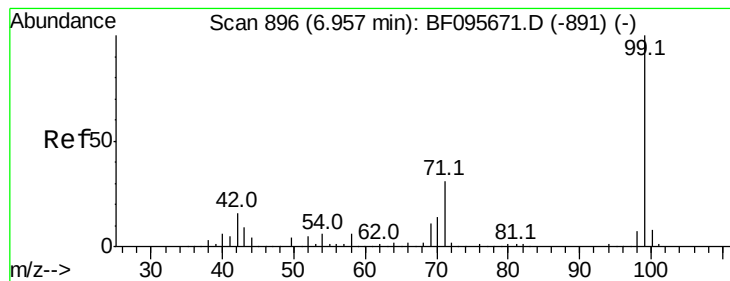
2-Fluorophenol
Concen: 147.33 ng
RT: 5.30 min Scan# 615
Delta R.T. 0.02 min
Lab File: BF095706.D
Acq: 6 Jun 2017 13:32

Tgt Ion:112 Resp: 860292
Ion Ratio Lower Upper
112 100
64 54.1 46.0 69.0
63 26.4 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: 143.89 ng

RT: 6.95 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF095706.D

Acq: 6 Jun 2017 13:32

Instrument :

BNA_F

ClientSampled :

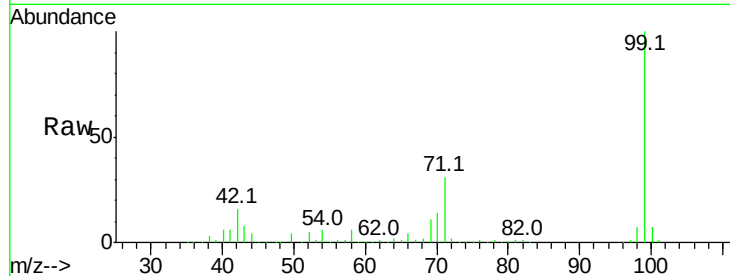
Tot Ion: 99 Resp: 1005889

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

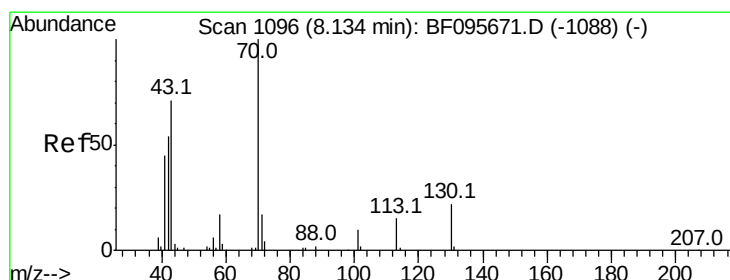
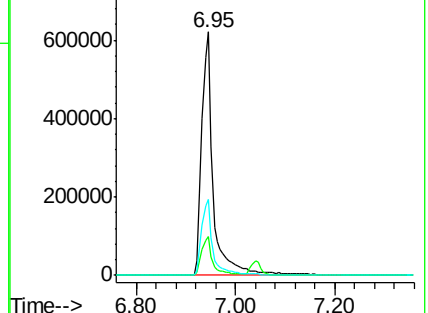
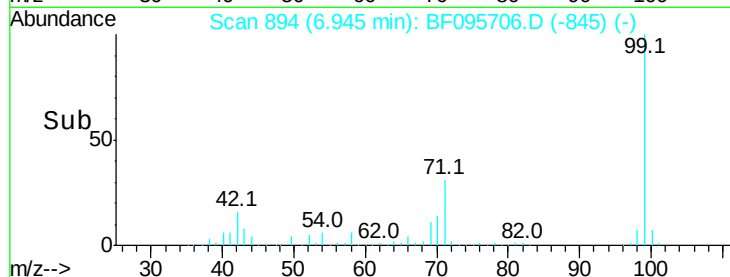
71 31.4 24.5 36.7



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: 17.52 ng

RT: 8.29 min Scan# 1123

Delta R.T. 0.16 min

Lab File: BF095706.D

Acq: 6 Jun 2017 13:32

Tgt Ion: 70 Resp: 77623

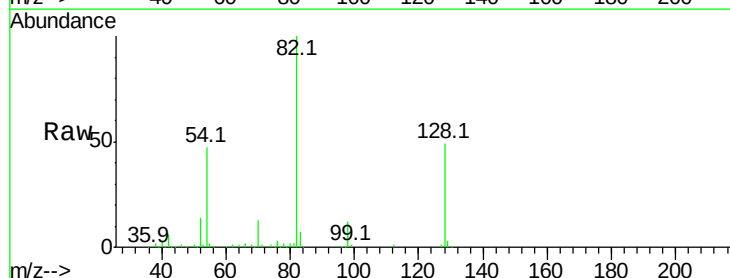
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

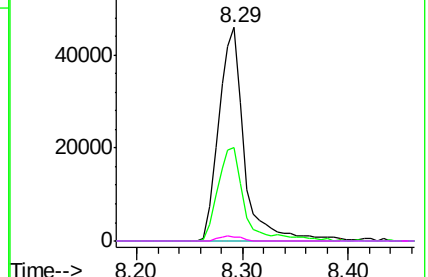
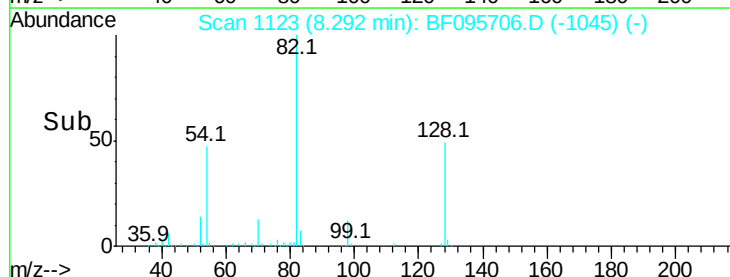


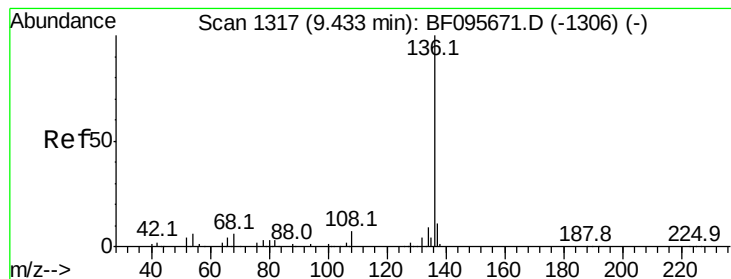
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.41 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF095706.D

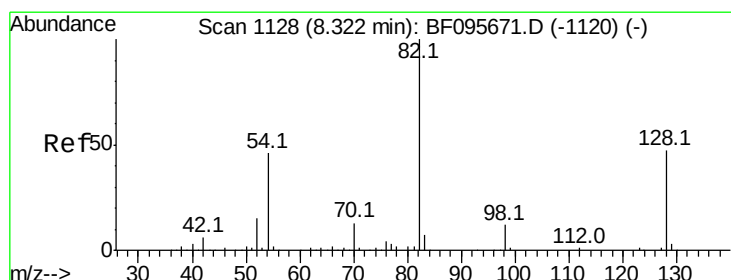
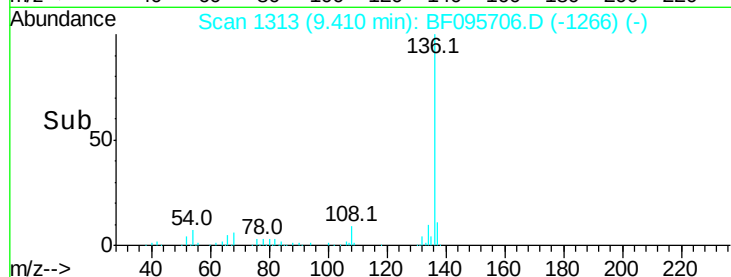
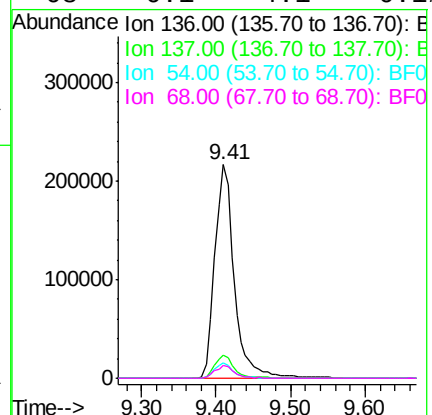
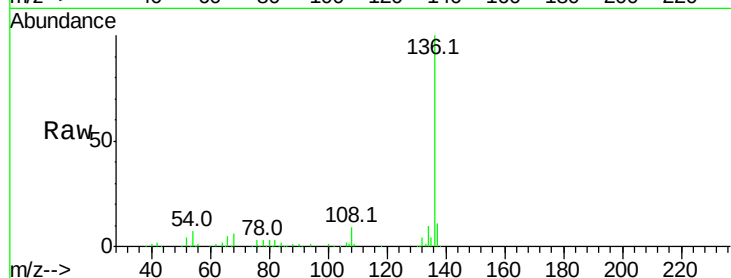
Acq: 6 Jun 2017 13:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	392804
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.1	4.9 7.3
68	6.1	4.1 6.1#



#23

Nitrobenzene-d5

Concen: 97.45 ng

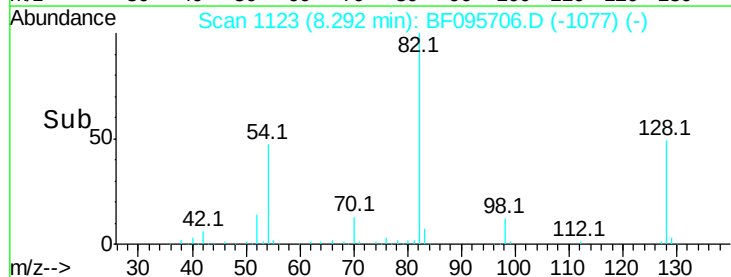
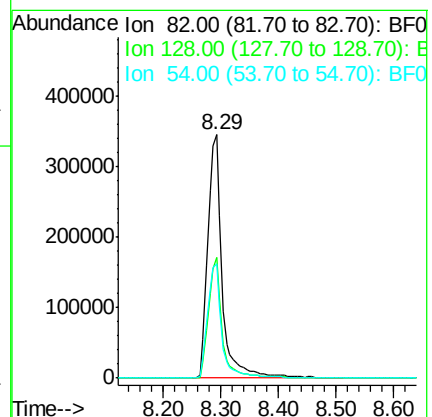
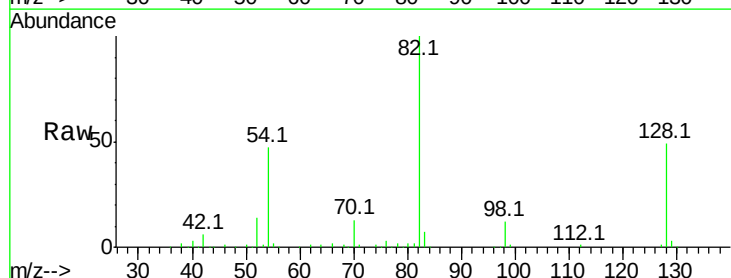
RT: 8.29 min Scan# 1123

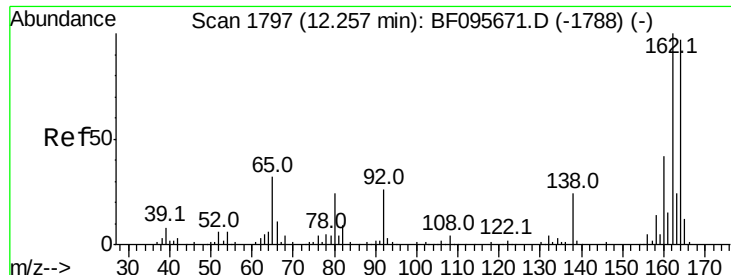
Delta R.T. -0.03 min

Lab File: BF095706.D

Acq: 6 Jun 2017 13:32

Tgt Ion: 82	Resp:	616329
Ion Ratio	Lower	Upper
82	100	
128	49.5	34.0 51.0
54	46.7	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.23 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BF095706.D

Acq: 6 Jun 2017 13:32

Instrument :

BNA_F

ClientSampleId :

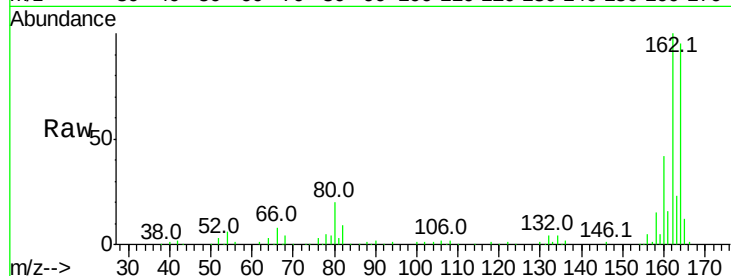
Tot Ion:164 Resp: 203820

Ion Ratio Lower Upper

164 100

162 105.2 82.6 123.8

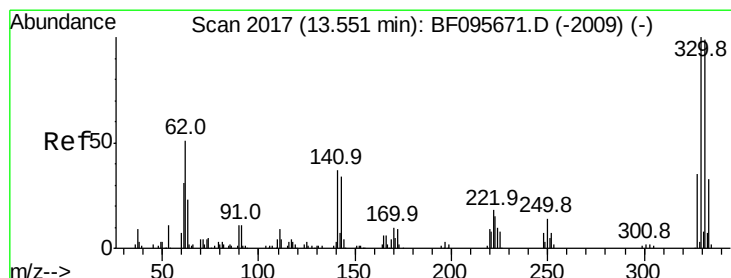
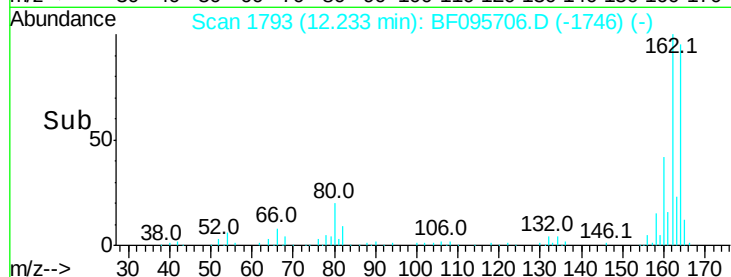
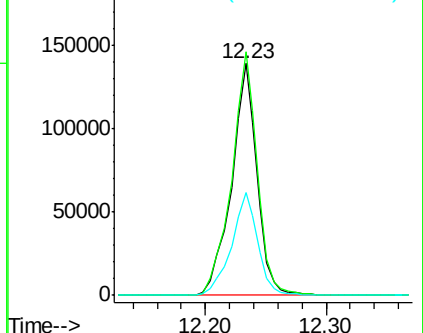
160 44.3 36.2 54.2



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: 154.59 ng

RT: 13.53 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF095706.D

Acq: 6 Jun 2017 13:32

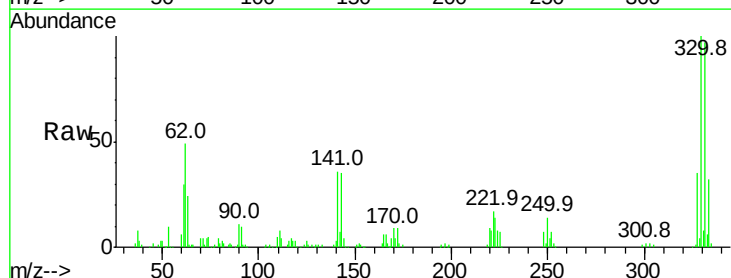
Tgt Ion:330 Resp: 278769

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

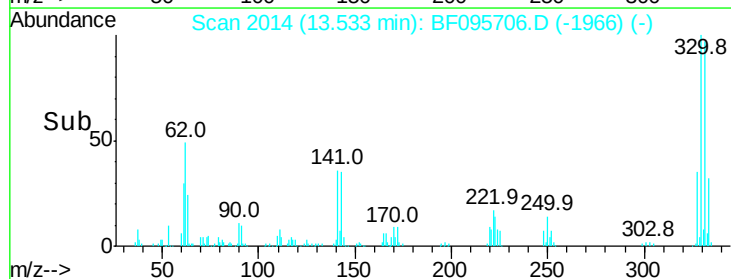
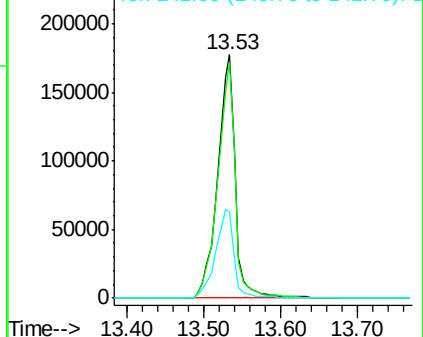
141 38.5 31.4 47.2

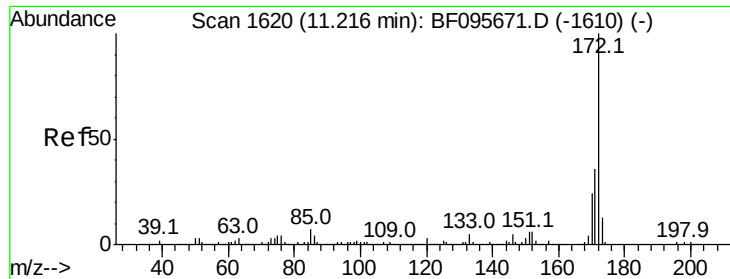


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

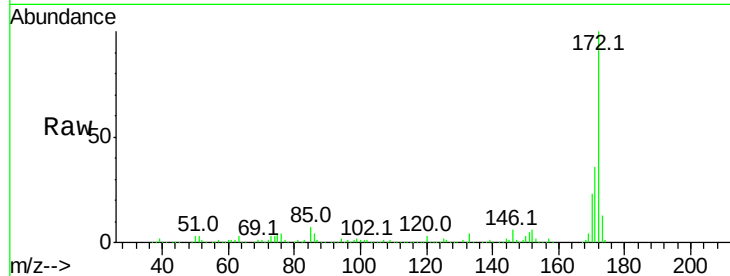




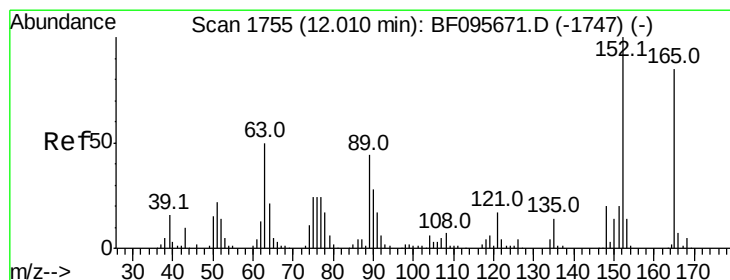
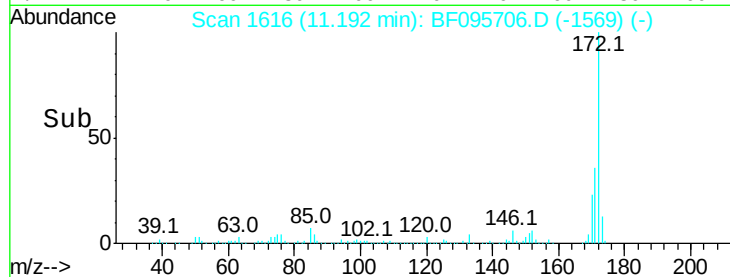
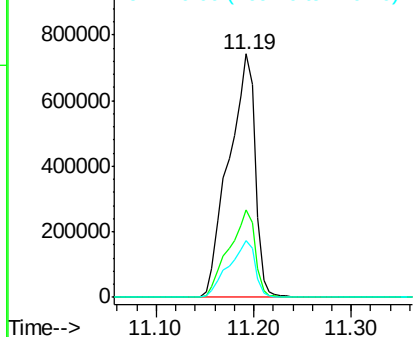
#44
2-Fluorobiphenyl
Concen: 95.71 ng
RT: 11.19 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BF095706.D
Acq: 6 Jun 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1401863
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.3 19.8 29.8

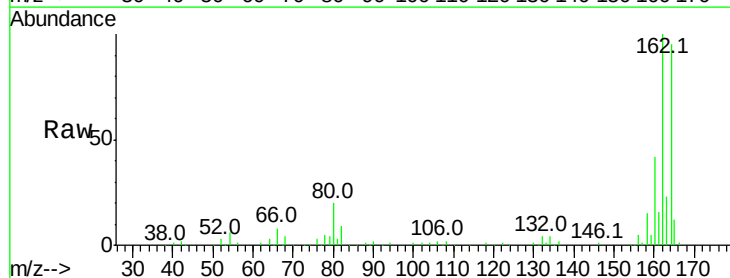


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

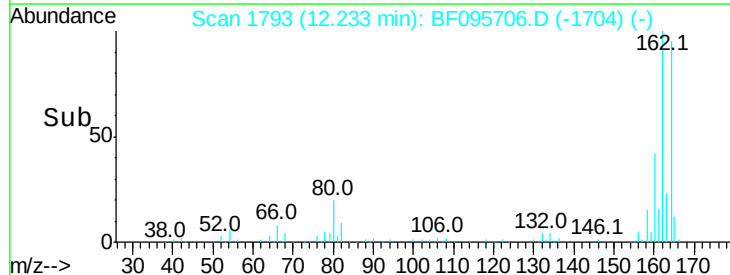
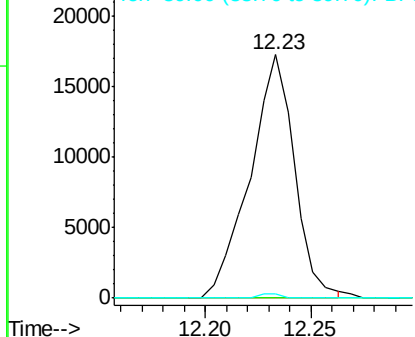


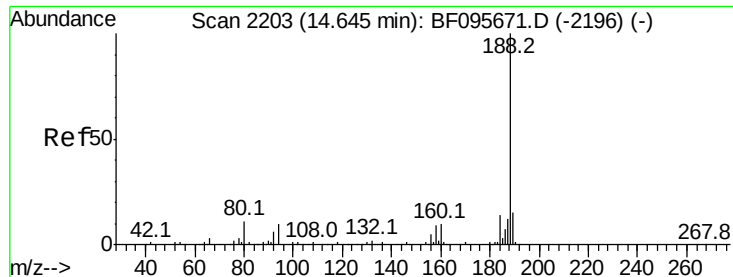
#50
2,6-Dinitrotoluene
Concen: 7.50 ng
RT: 12.23 min Scan# 1793
Delta R.T. 0.22 min
Lab File: BF095706.D
Acq: 6 Jun 2017 13:32

Tgt Ion:165 Resp: 25309
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 1.9 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

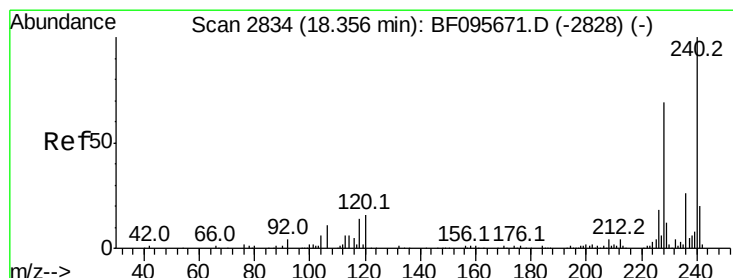
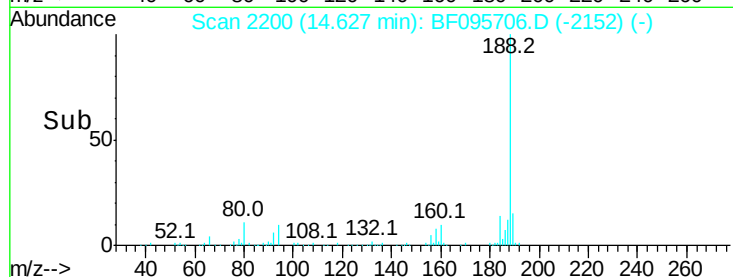
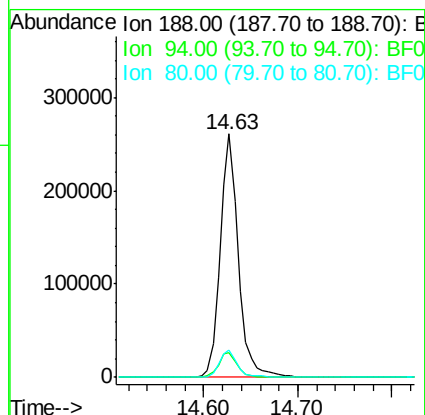
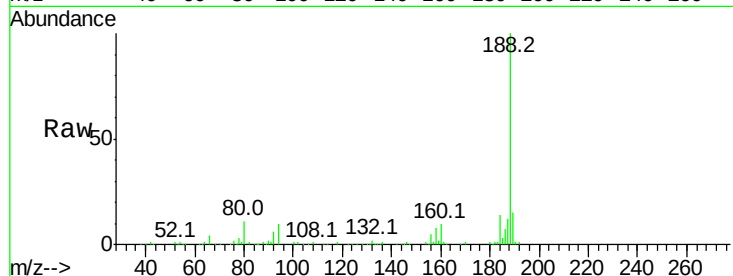




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF095706.D
Acq: 6 Jun 2017 13:32

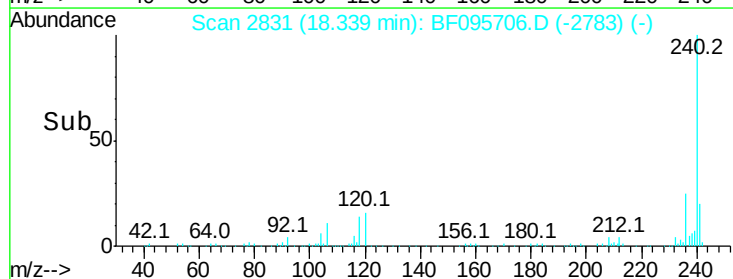
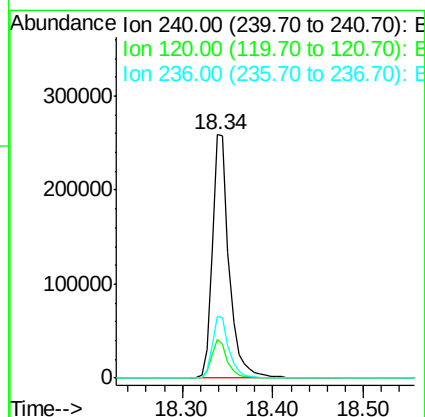
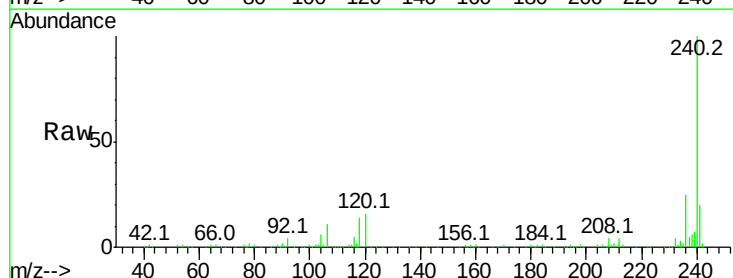
Instrument :
BNA_F
ClientSampleId :

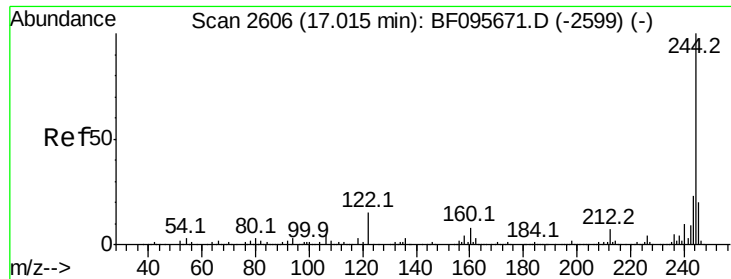
Tot Ion:188 Resp: 351018
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BF095706.D
Acq: 6 Jun 2017 13:32

Tgt Ion:240 Resp: 336218
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 25.2 20.5 30.7





#78

Terphenyl-d14

Concen: 84.63 ng

RT: 17.01 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF095706.D

Acq: 6 Jun 2017 13:32

Instrument :

BNA_F

ClientSampleId :

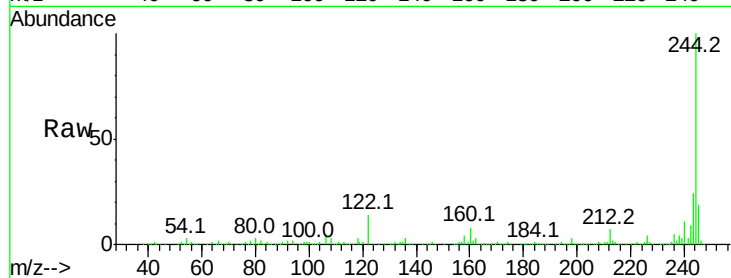
Tot Ion:244 Resp: 1146523

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

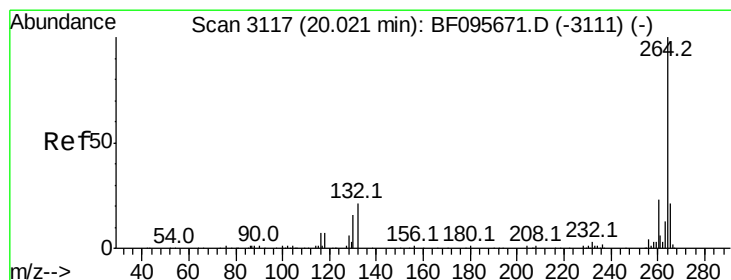
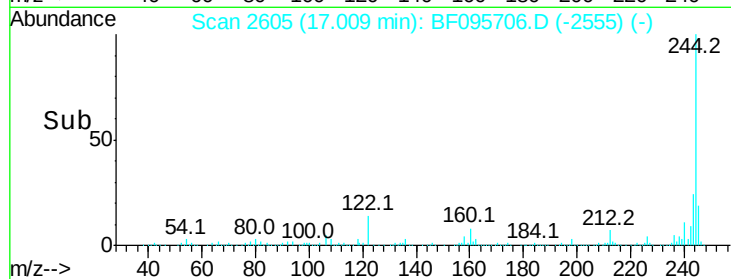
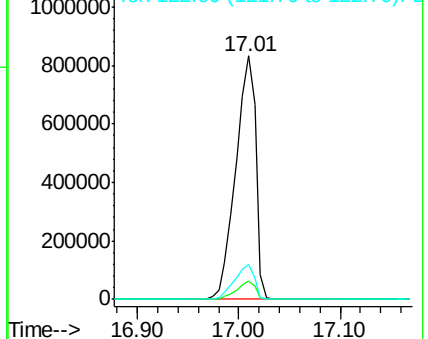
122 14.3 10.3 15.5



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: 20.01 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BF095706.D

Acq: 6 Jun 2017 13:32

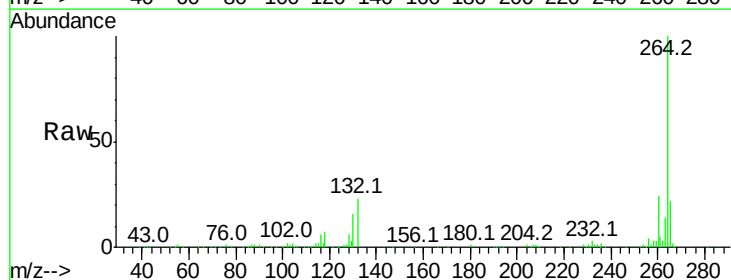
Tgt Ion:264 Resp: 214489

Ion Ratio Lower Upper

264 100

260 24.2 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

