

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095366.D
 Acq On : 23 May 2017 23:42
 Operator : SJ/MA
 Sample : I3249-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:32:26 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

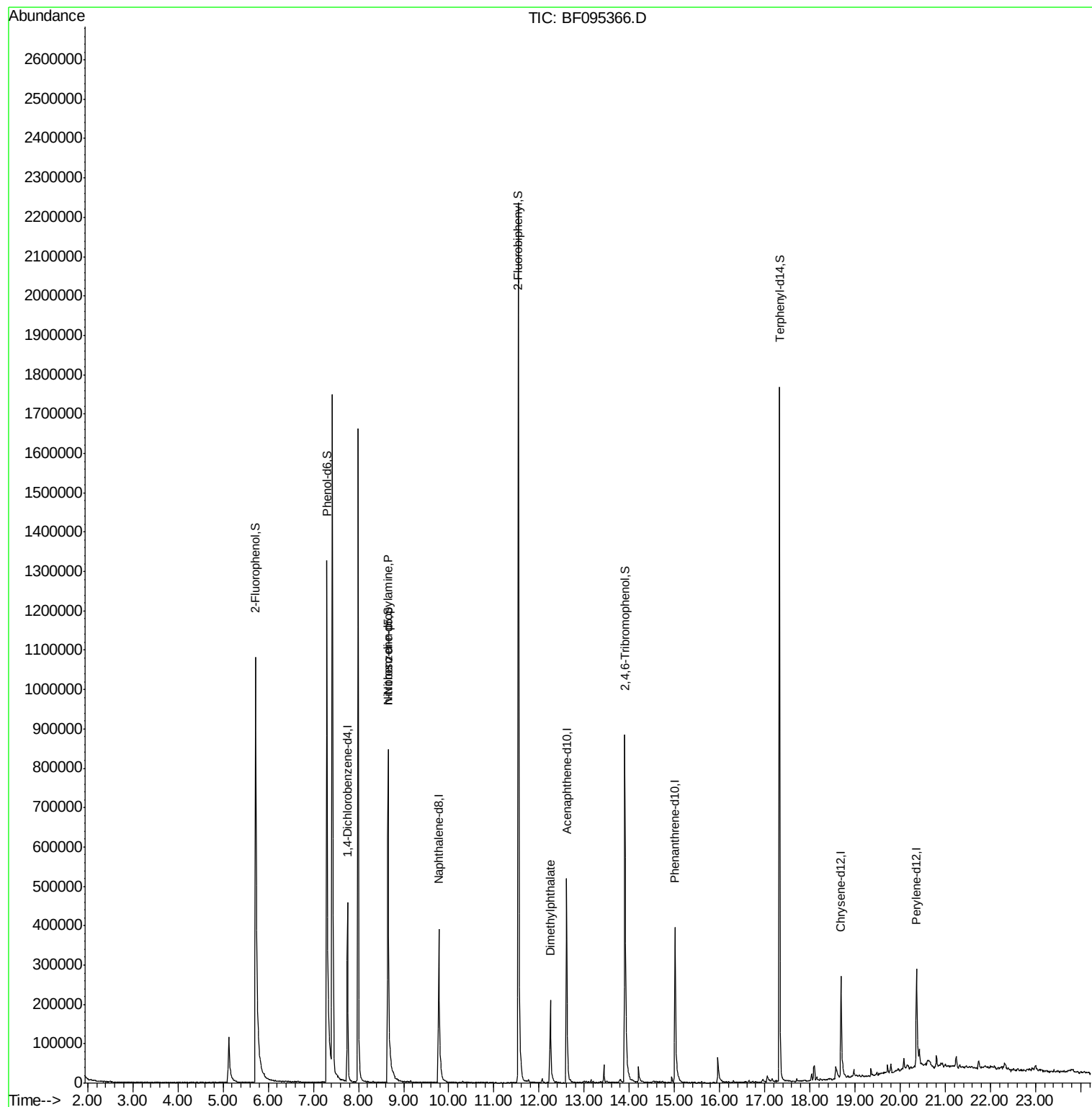
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	99228	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	409611	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	183091	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	295656	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	169614	20.00	ng	0.00
86) Perylene-d12	20.37	264	172317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	798342	134.14	ng	-0.02
7) Phenol-d6	7.30	99	964169	135.02	ng	-0.02
23) Nitrobenzene-d5	8.65	82	549066	84.53	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	197501	131.72	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	1174199	92.31	ng	-0.02
78) Terphenyl-d14	17.33	244	737551	95.78	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	62838	13.01	ng	Qvalue # 77
49) Dimethylphthalate	12.25	163	183120	12.18	ng	99

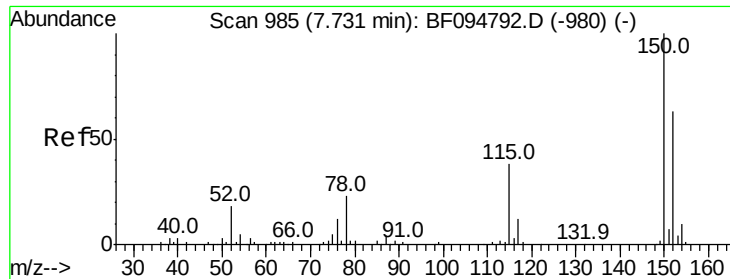
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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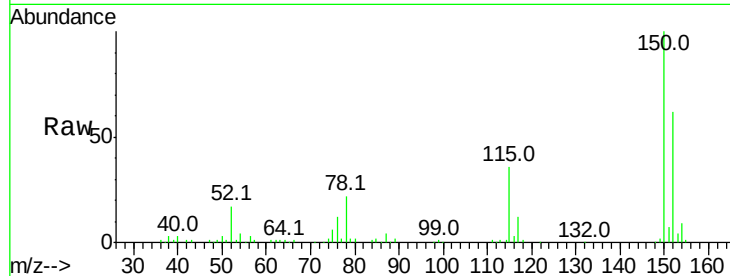


#1

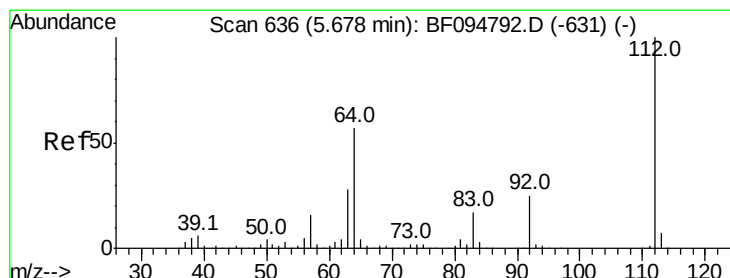
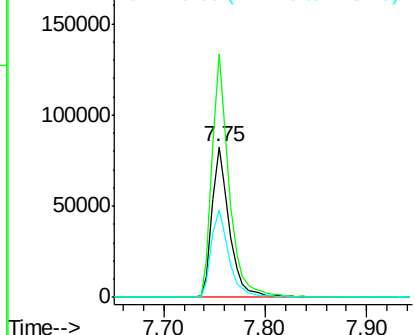
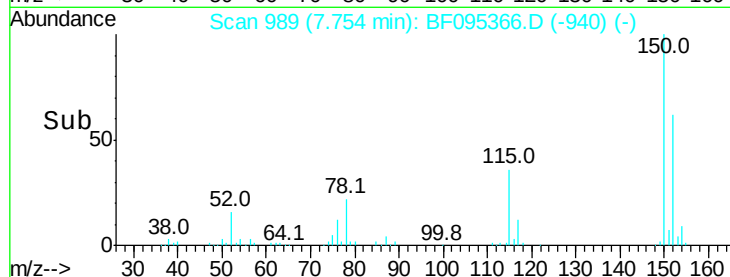
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095366.D
Acq: 23 May 2017 23:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99228
Ion Ratio Lower Upper
152 100
150 161.4 126.2 189.2
115 58.4 52.2 78.2



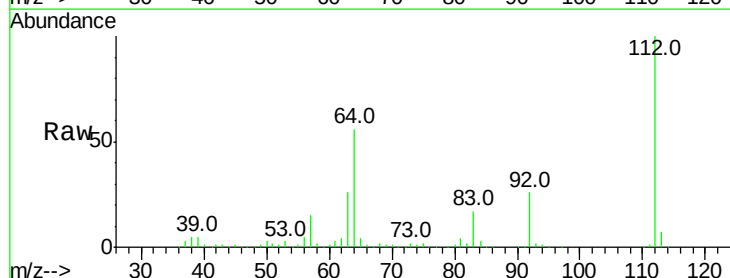
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



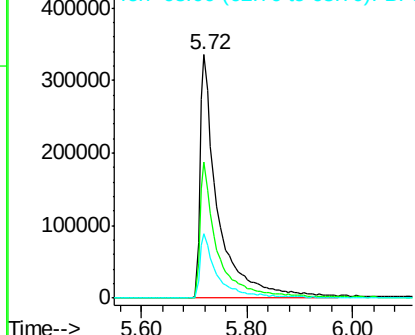
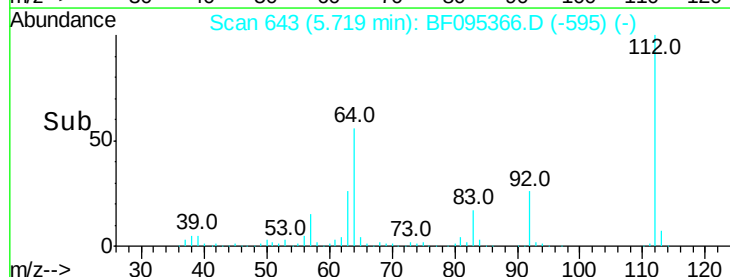
#5

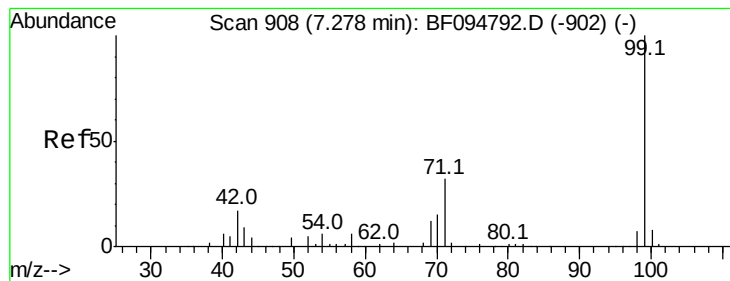
2-Fluorophenol
Concen: 134.14 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095366.D
Acq: 23 May 2017 23:42

Tgt Ion:112 Resp: 798342
Ion Ratio Lower Upper
112 100
64 55.7 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: 135.02 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095366.D

Acq: 23 May 2017 23:42

Instrument :

BNA_F

ClientSampleId :

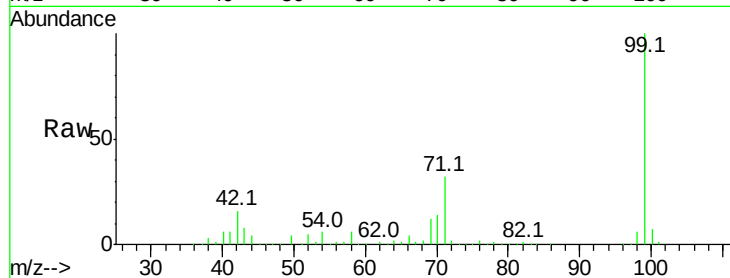
Tot Ion: 99 Resp: 964169

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

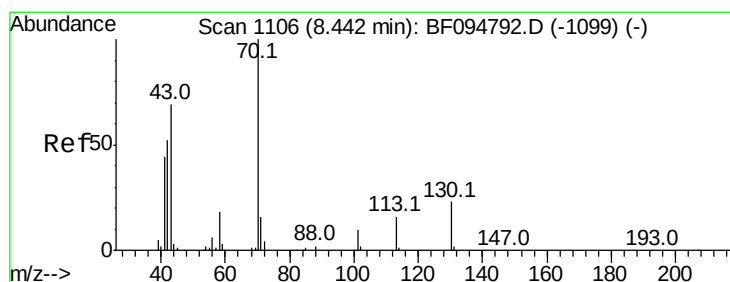
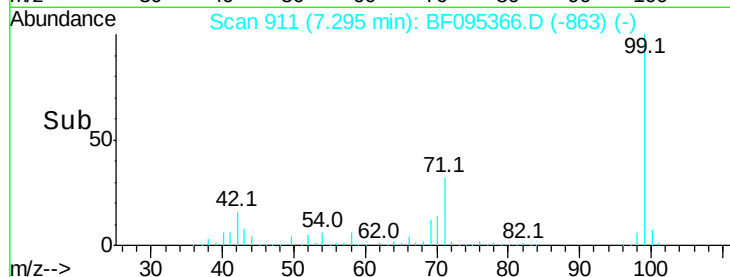
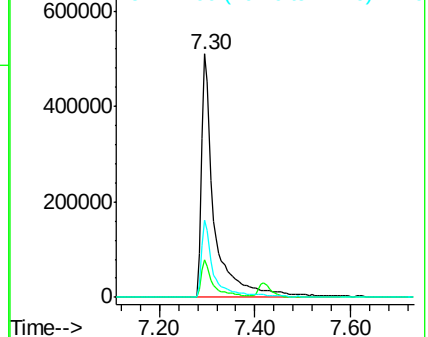
71 32.0 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.01 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095366.D

Acq: 23 May 2017 23:42

Tgt Ion: 70 Resp: 62838

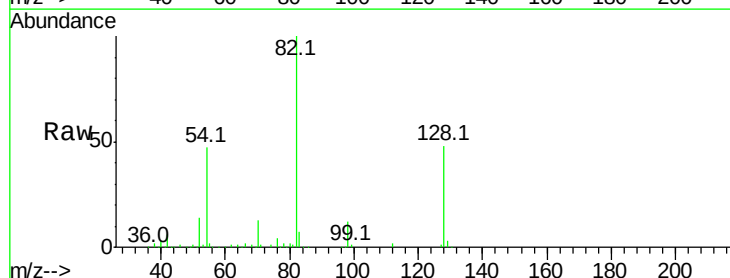
Ion Ratio Lower Upper

70 100

42 45.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

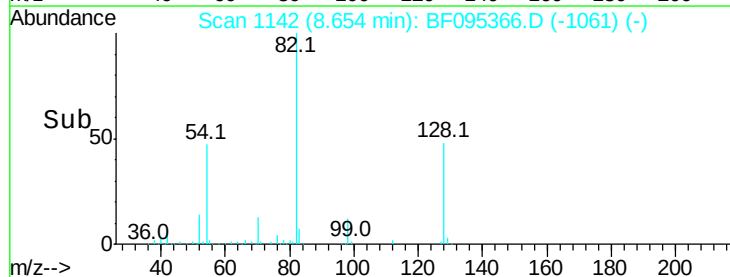
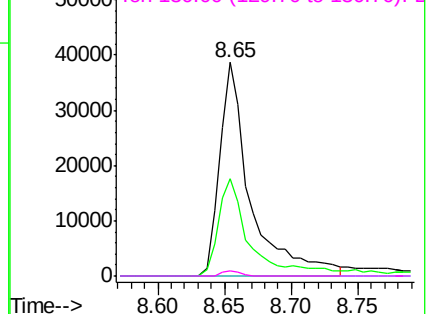


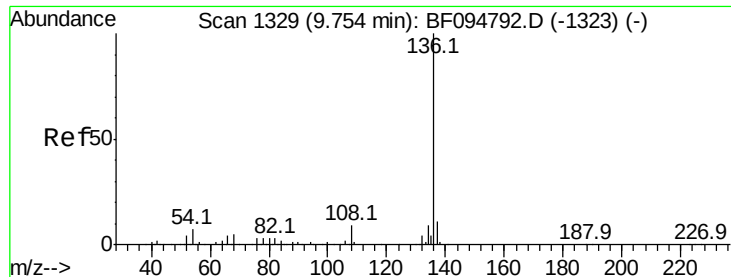
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

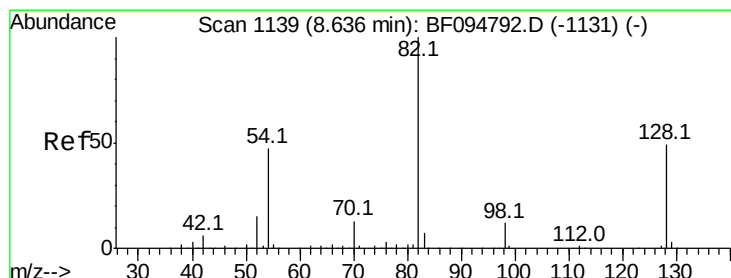
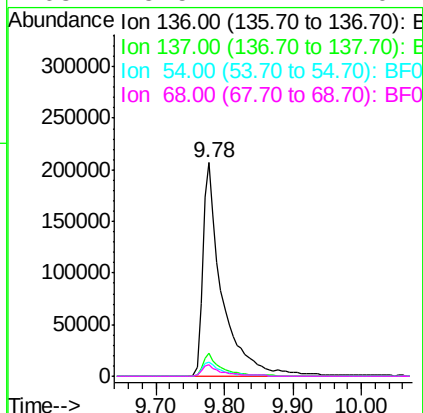
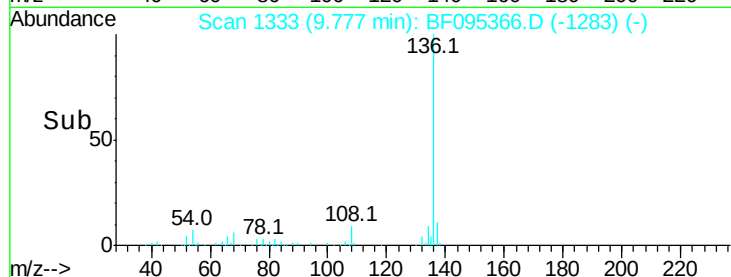
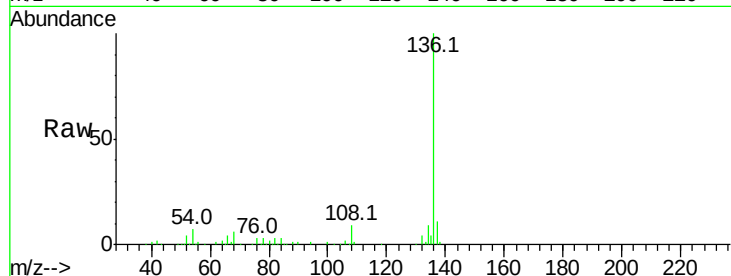




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095366.D
Acq: 23 May 2017 23:42

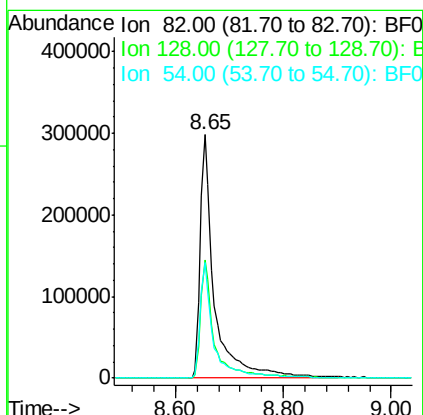
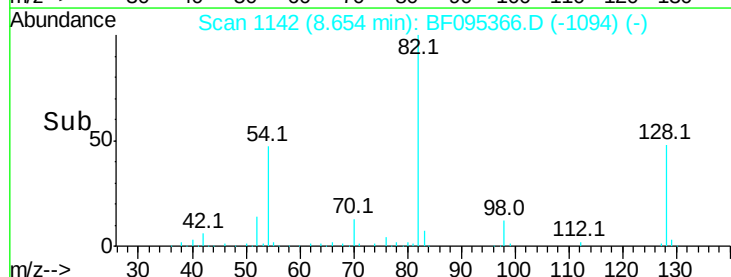
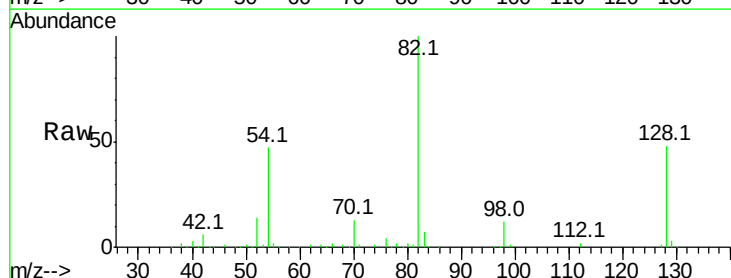
Instrument :
BNA_F
ClientSampleId :

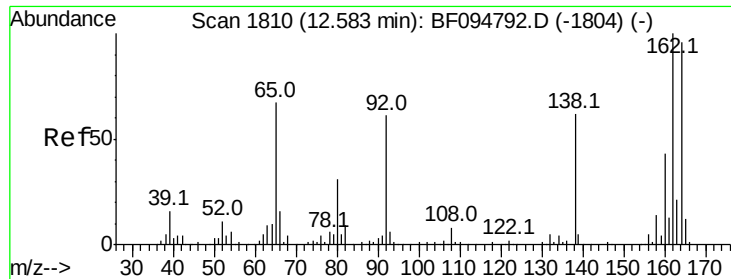
Tot Ion:136	Resp:	409611
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	6.6	4.9 7.3
68	5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 84.53 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095366.D
Acq: 23 May 2017 23:42

Tgt Ion: 82	Resp:	549066
Ion Ratio	Lower	Upper
82	100	
128	48.4	34.0 51.0
54	47.4	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: BF095366.D

Acq: 23 May 2017 23:42

Instrument :

BNA_F

ClientSampleId :

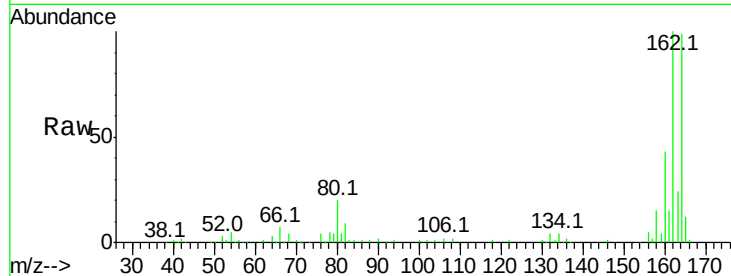
Tot Ion:164 Resp: 183091

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

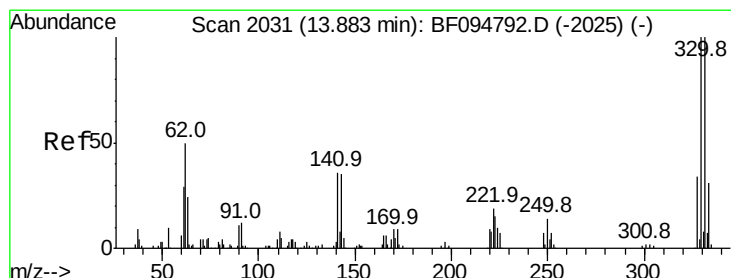
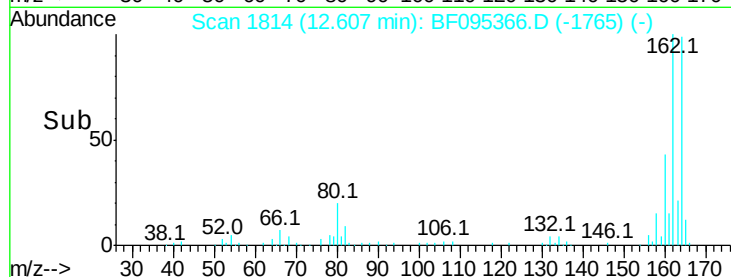
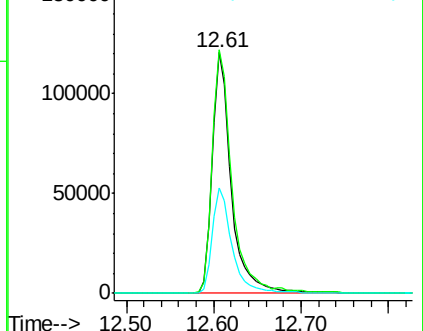
160 43.6 36.2 54.2



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: 131.72 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095366.D

Acq: 23 May 2017 23:42

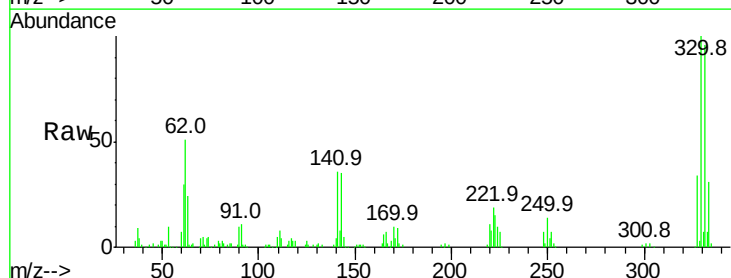
Tgt Ion:330 Resp: 197501

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

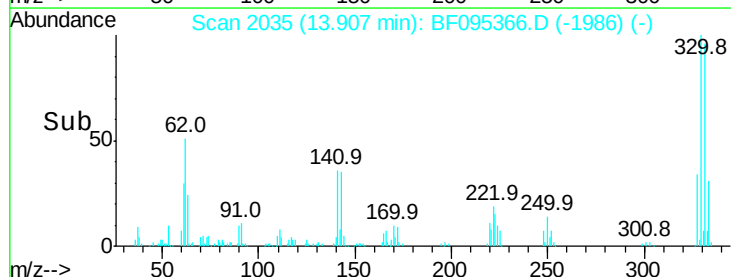
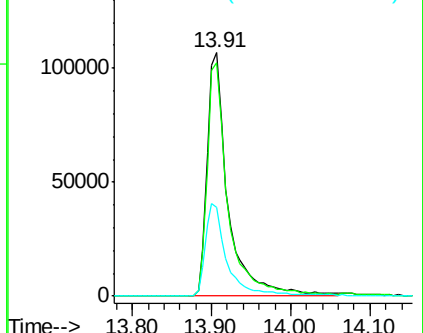
141 38.8 31.4 47.2

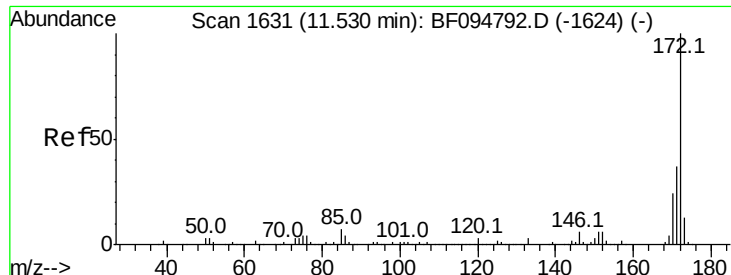


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

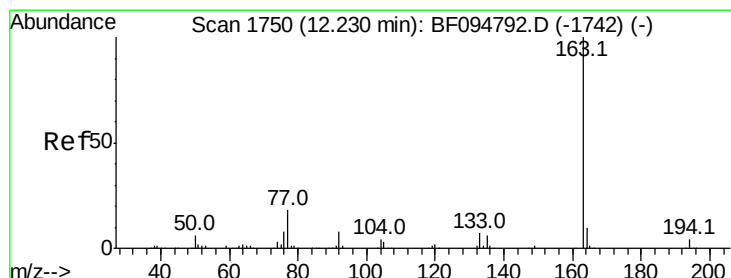
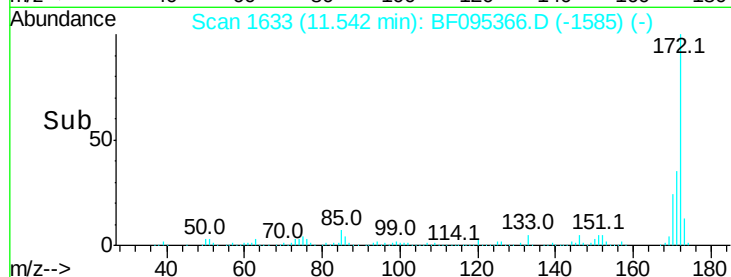
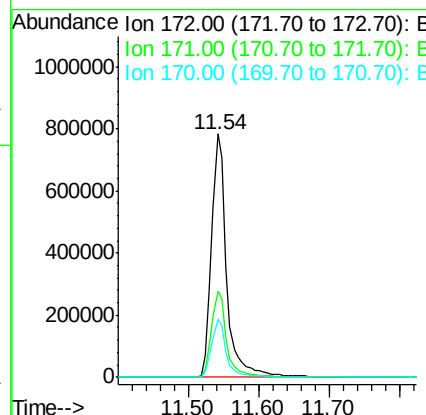
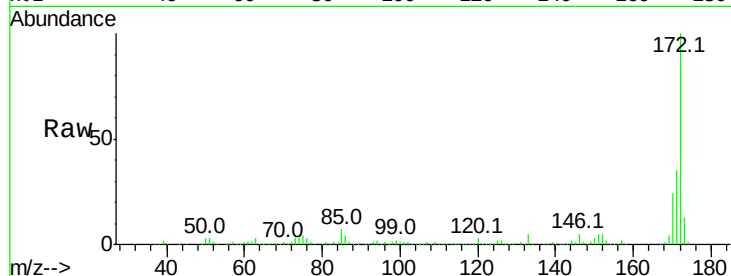




#44
2-Fluorobiphenyl
Concen: 92.31 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095366.D
Acq: 23 May 2017 23:42

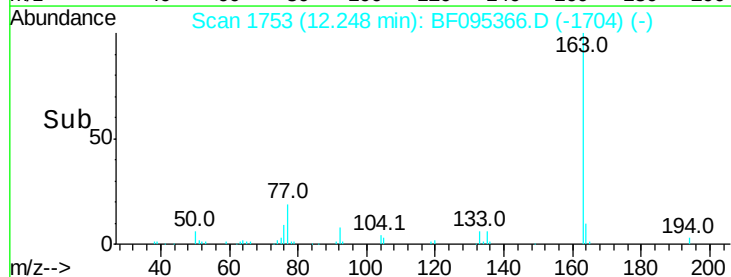
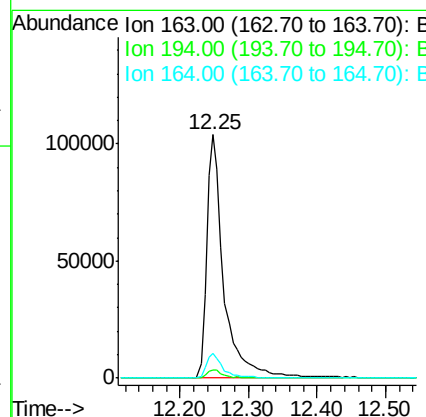
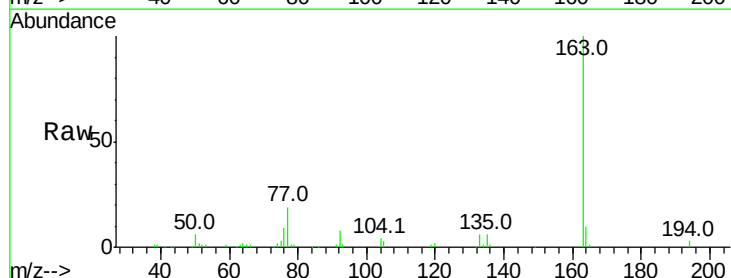
Instrument :
BNA_F
ClientSampleId :

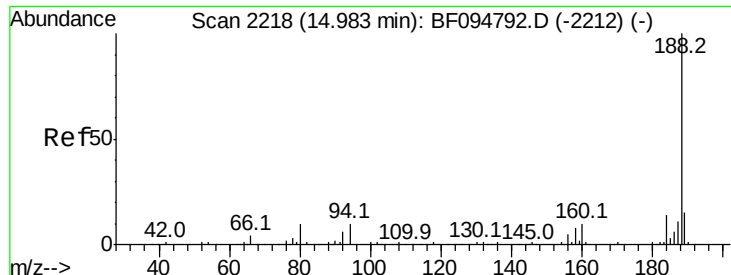
Tot Ion:172 Resp: 1174199
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 12.18 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095366.D
Acq: 23 May 2017 23:42

Tgt Ion:163 Resp: 183120
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.4 12.6

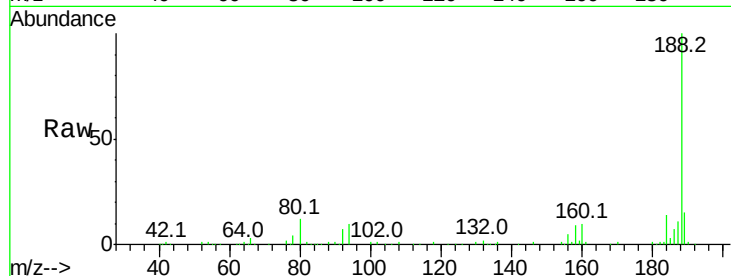




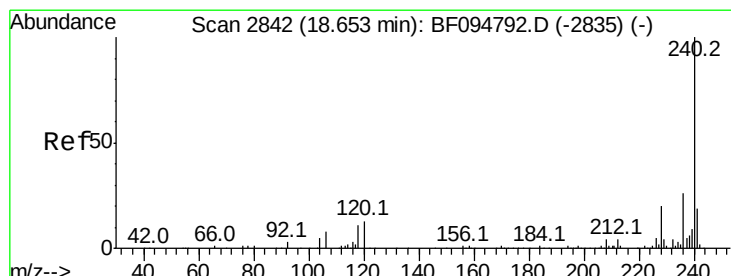
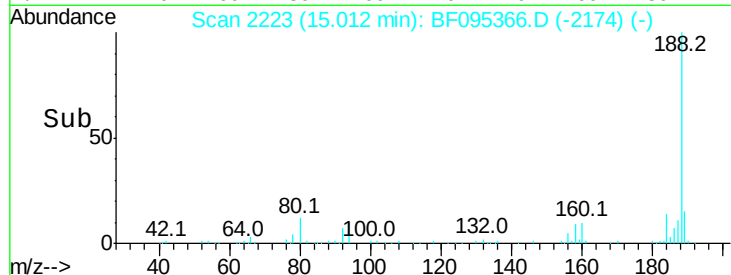
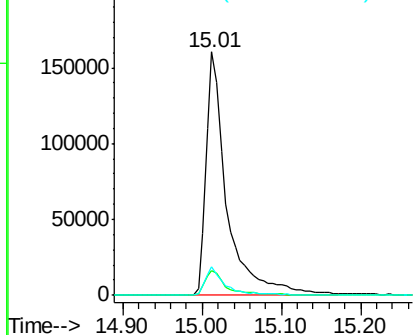
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095366.D
 Acq: 23 May 2017 23:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 295656
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.7 10.2 15.2

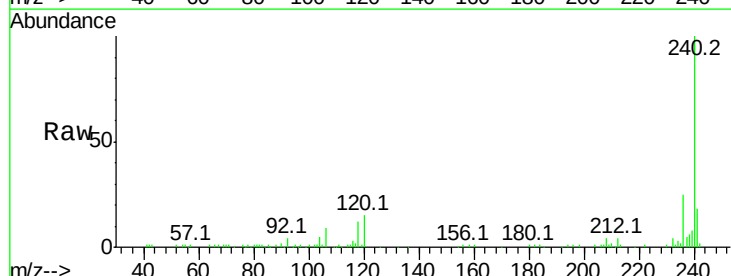


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

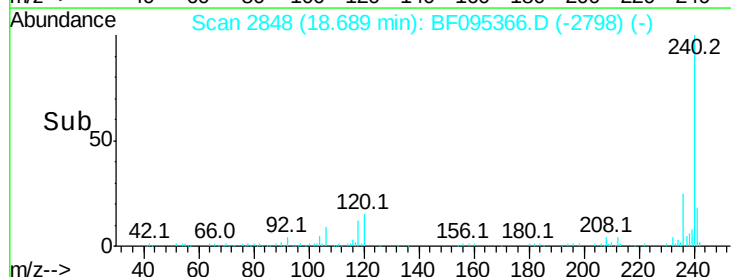
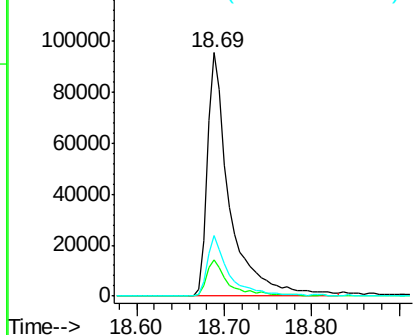


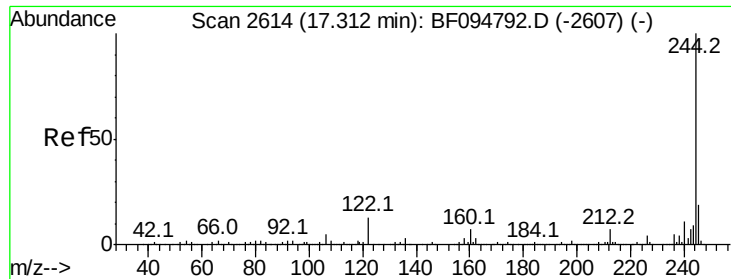
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095366.D
 Acq: 23 May 2017 23:42

Tgt Ion:240 Resp: 169614
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 24.8 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

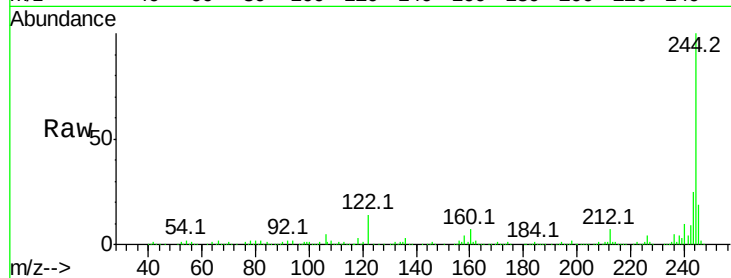




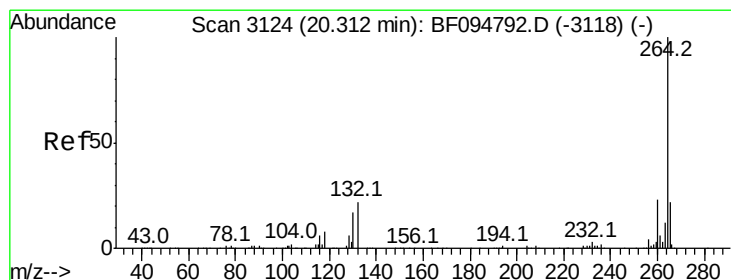
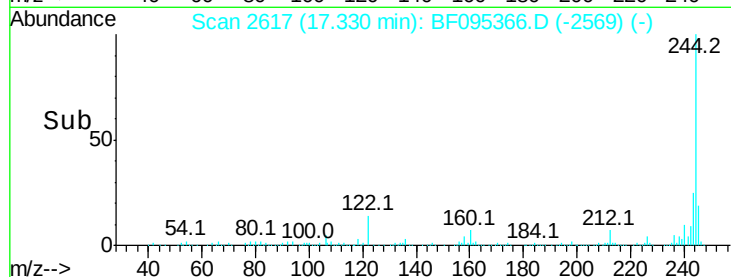
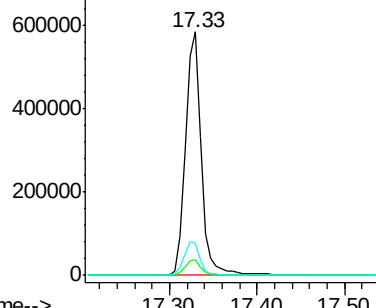
#78
 Terphenyl-d14
 Concen: 95.78 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095366.D
 Acq: 23 May 2017 23:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 737551
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 13.5 10.3 15.5

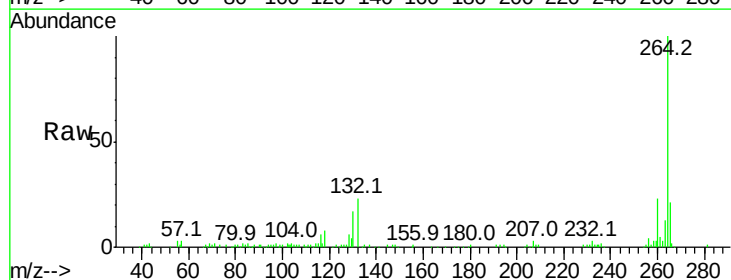


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095366.D
 Acq: 23 May 2017 23:42

Tgt Ion:264 Resp: 172317
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.1 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

