

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095660.D
 Acq On : 3 Jun 2017 6:29
 Operator : SJ/MA
 Sample : I3436-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 05:01:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

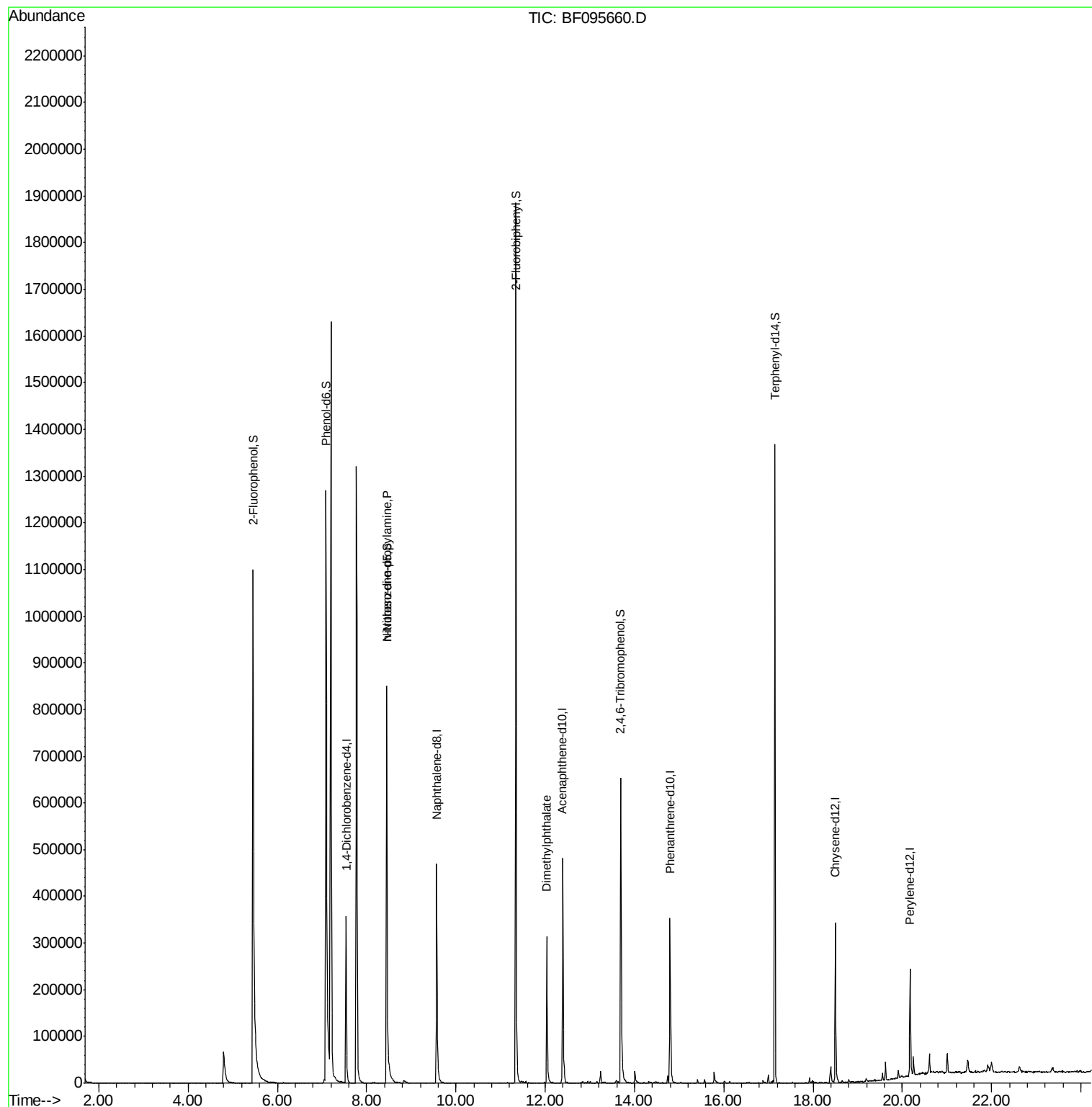
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	88497	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	354274	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	144128	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	205948	20.00	ng	0.00
75) Chrysene-d12	18.50	240	171855	20.00	ng	0.00
86) Perylene-d12	20.17	264	114974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	694748	130.88	ng	0.01
7) Phenol-d6	7.09	99	821766	129.03	ng	0.00
23) Nitrobenzene-d5	8.45	82	461910	82.22	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	123508	104.64	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	883789	88.26	ng	0.00
78) Terphenyl-d14	17.14	244	530422	67.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.45	70	57034	13.24	ng	Qvalue # 74
49) Dimethylphthalate	12.04	163	212690	17.98	ng	99

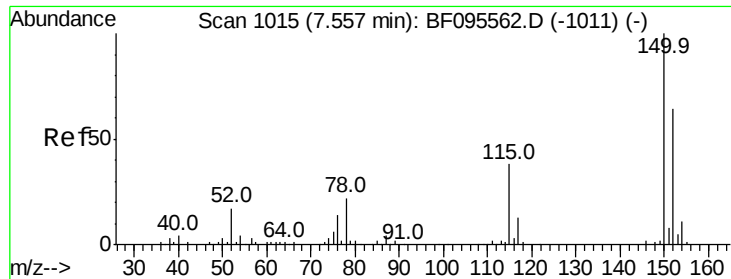
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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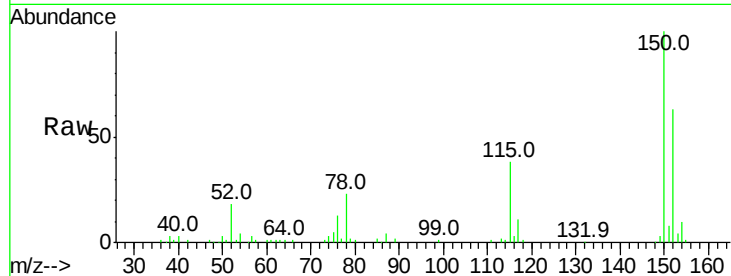


#1

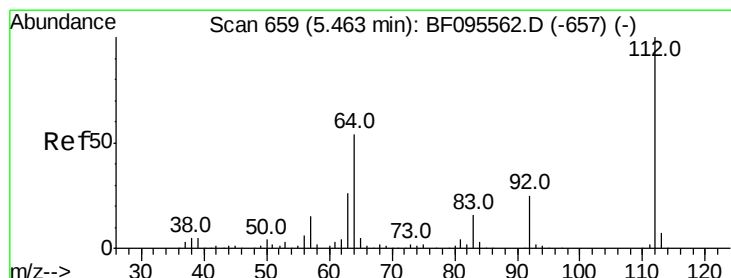
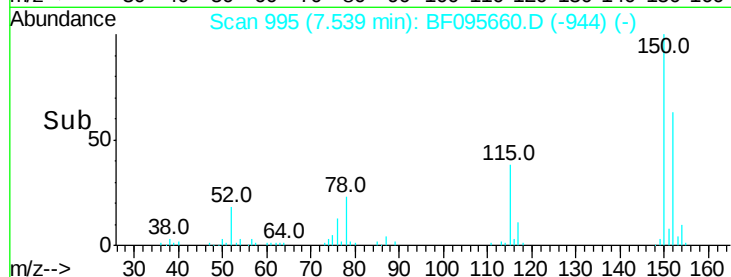
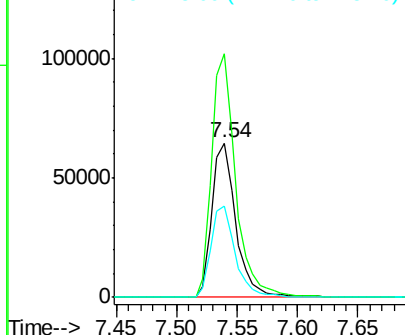
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095660.D
Acq: 3 Jun 2017 6:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 88497
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 59.6 52.2 78.2



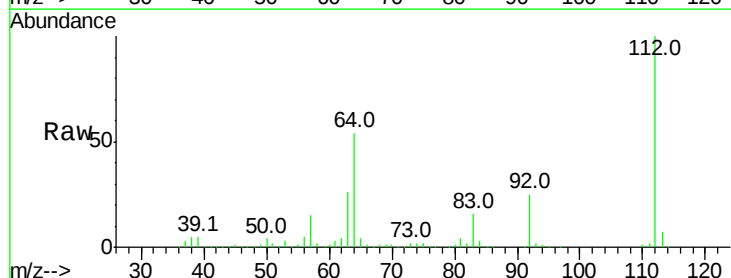
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



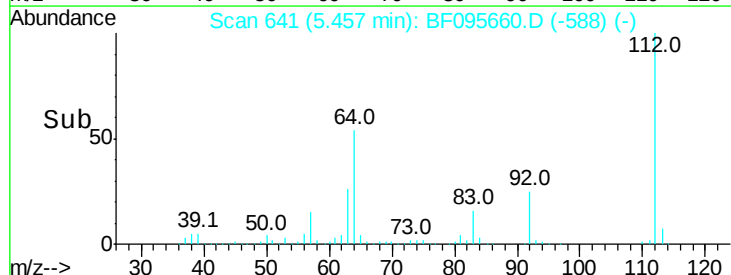
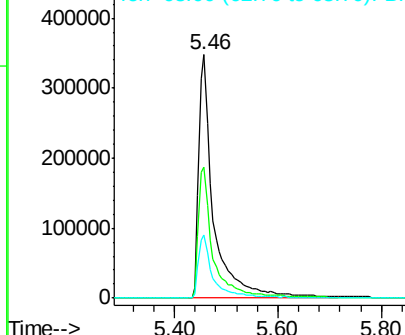
#5

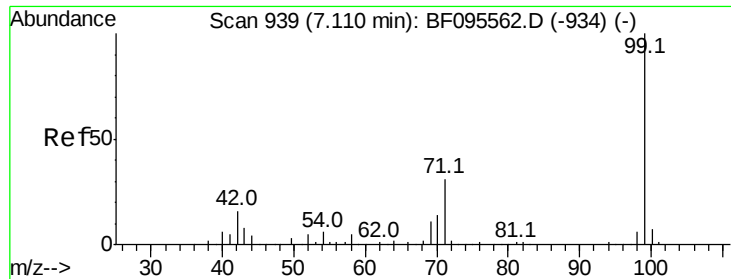
2-Fluorophenol
Concen: 130.88 ng
RT: 5.46 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF095660.D
Acq: 3 Jun 2017 6:29

Tgt Ion:112 Resp: 694748
Ion Ratio Lower Upper
112 100
64 53.8 46.0 69.0
63 26.1 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: 129.03 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095660.D

Acq: 3 Jun 2017 6:29

Instrument :

BNA_F

ClientSampleId :

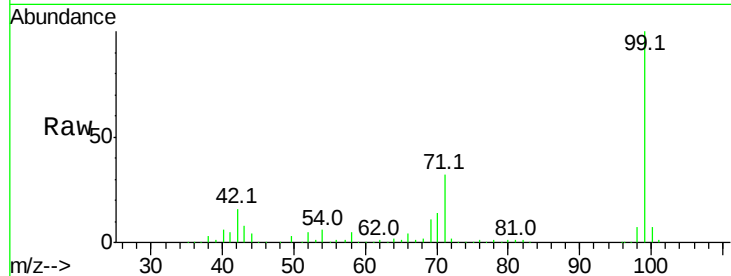
Tot Ion: 99 Resp: 821766

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

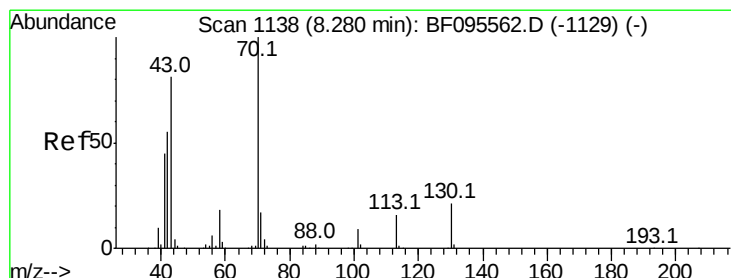
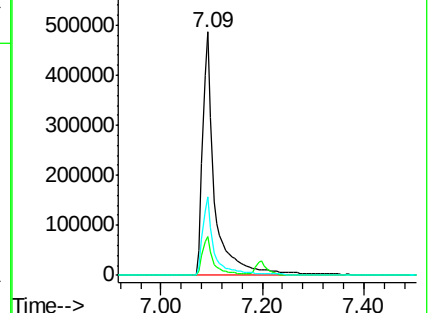
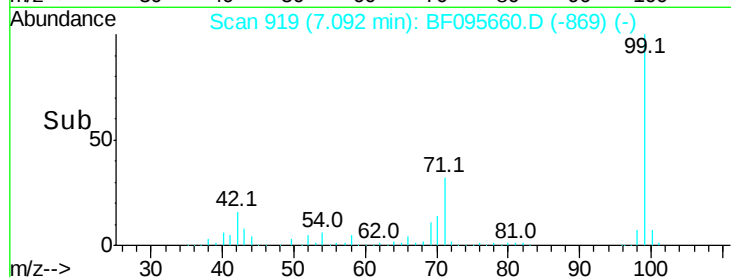
71 32.1 24.5 36.7



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: 13.24 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095660.D

Acq: 3 Jun 2017 6:29

Tgt Ion: 70 Resp: 57034

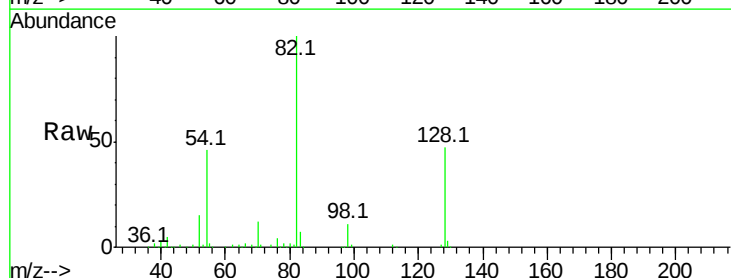
Ion Ratio Lower Upper

70 100

42 42.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

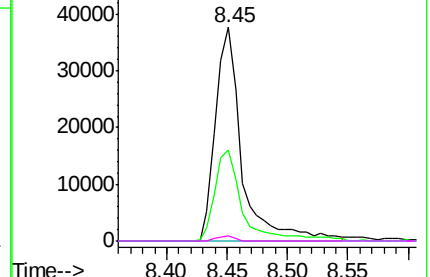
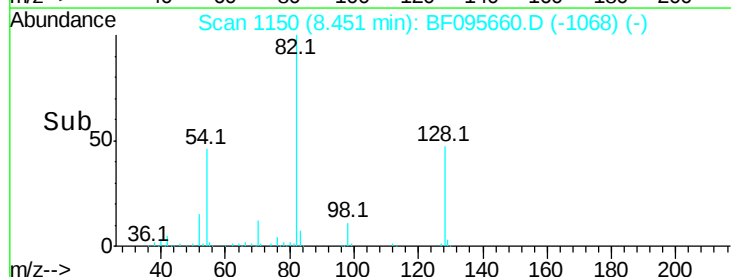


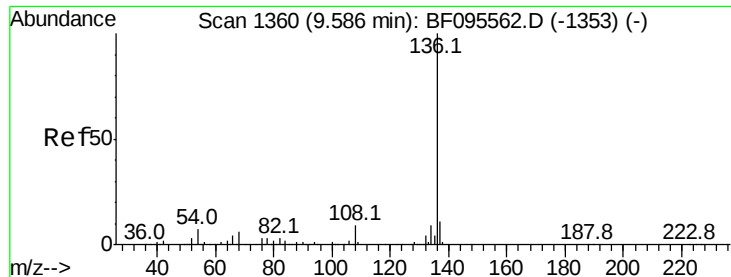
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

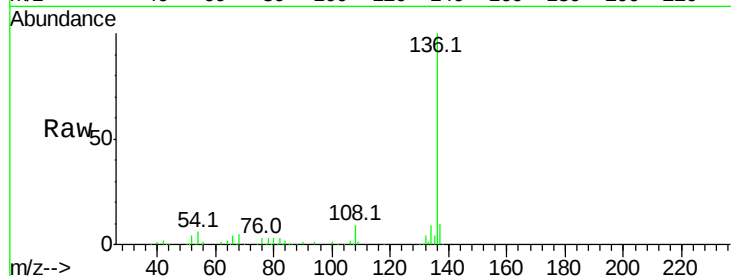




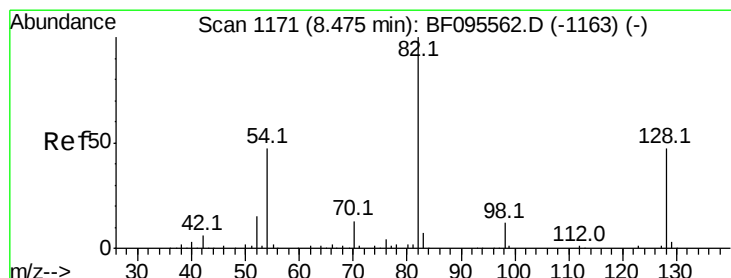
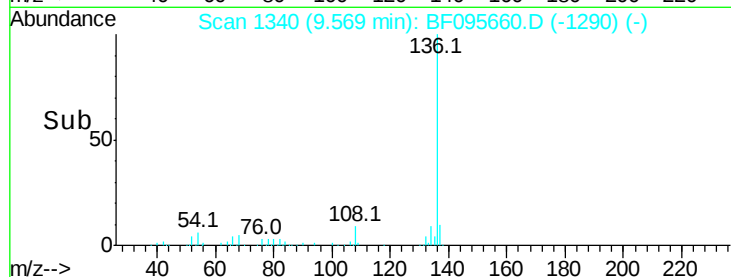
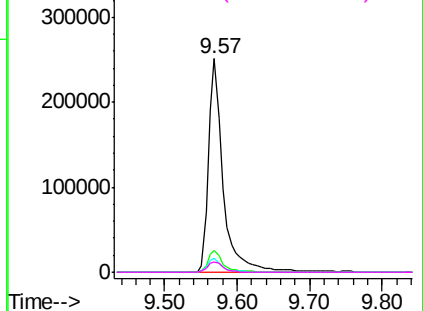
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095660.D
Acq: 3 Jun 2017 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	354274
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.5 12.7
54	6.4	4.9 7.3
68	5.1	4.1 6.1

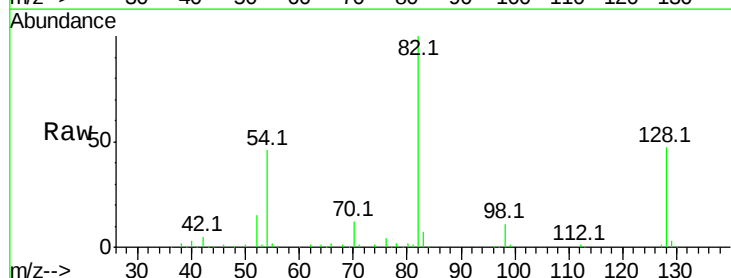


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

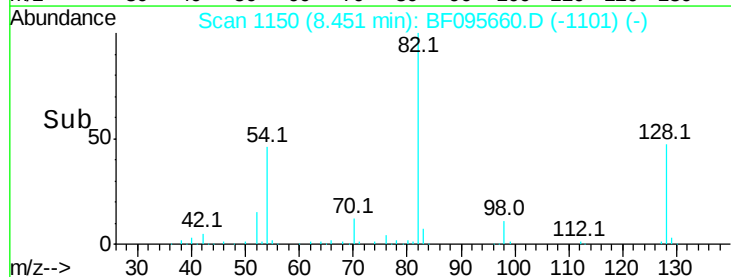
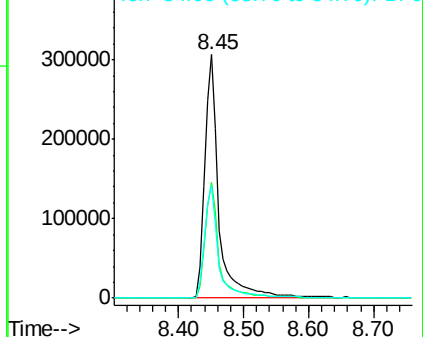


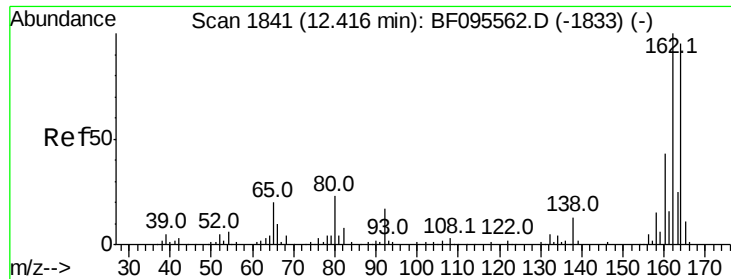
#23
Nitrobenzene-d5
Concen: 82.22 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095660.D
Acq: 3 Jun 2017 6:29

Tgt Ion: 82	Resp:	461910
Ion	Ratio	Lower Upper
82	100	
128	47.3	34.0 51.0
54	46.3	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: 12.39 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095660.D

Acq: 3 Jun 2017 6:29

Instrument :

BNA_F

ClientSampleId :

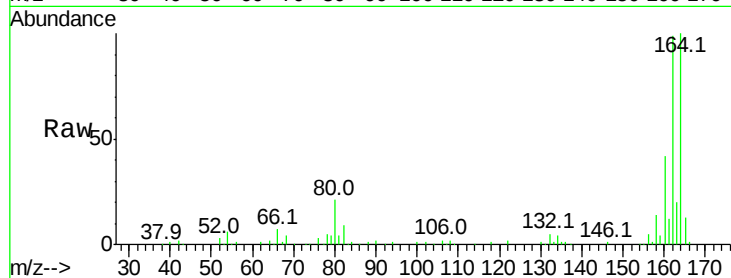
Tot Ion:164 Resp: 144128

Ion Ratio Lower Upper

164 100

162 99.2 82.6 123.8

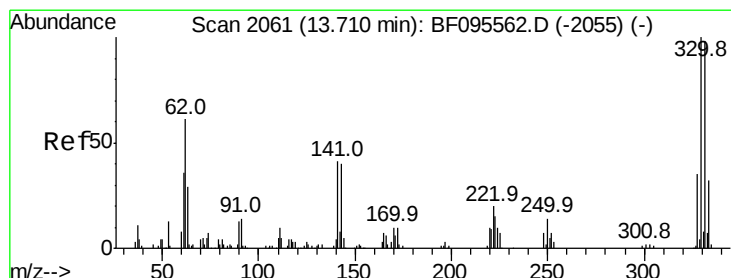
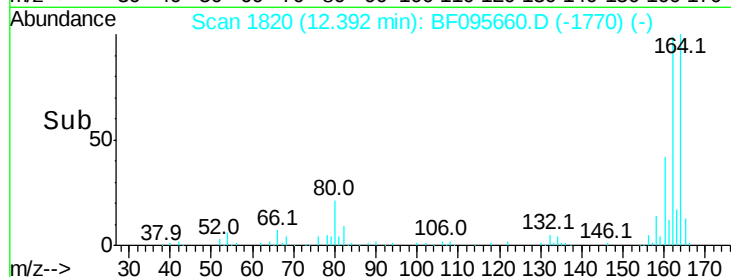
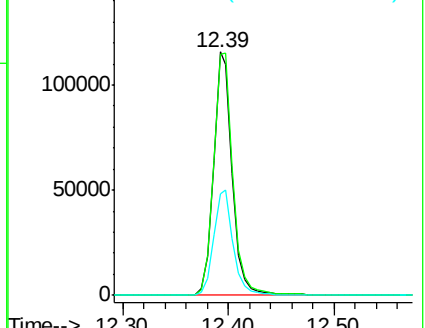
160 41.6 36.2 54.2



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: 104.64 ng

RT: 13.69 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF095660.D

Acq: 3 Jun 2017 6:29

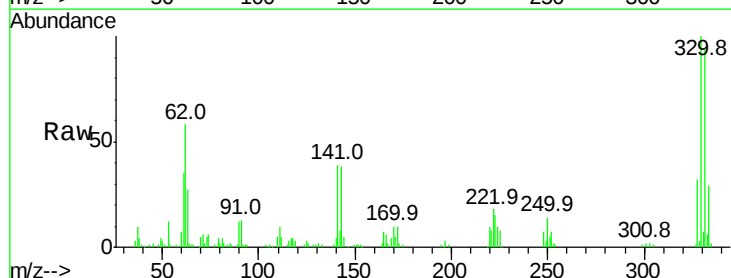
Tgt Ion:330 Resp: 123508

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

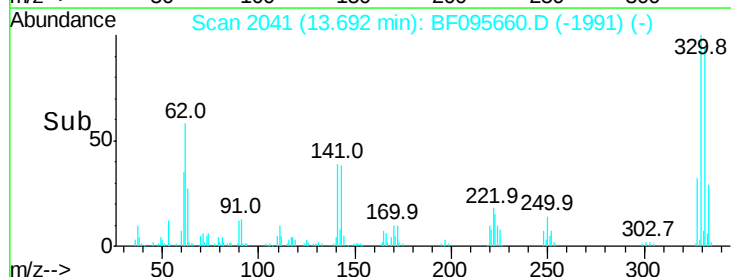
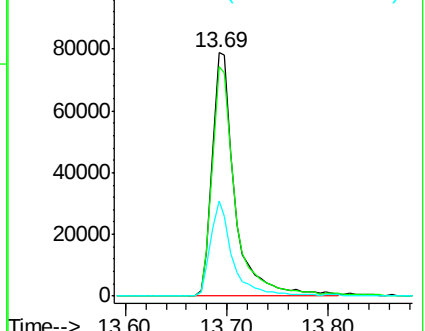
141 37.9 31.4 47.2

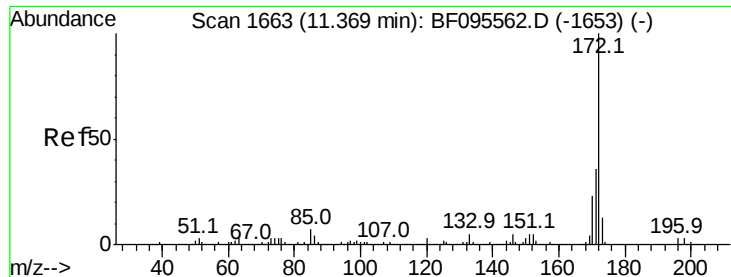


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

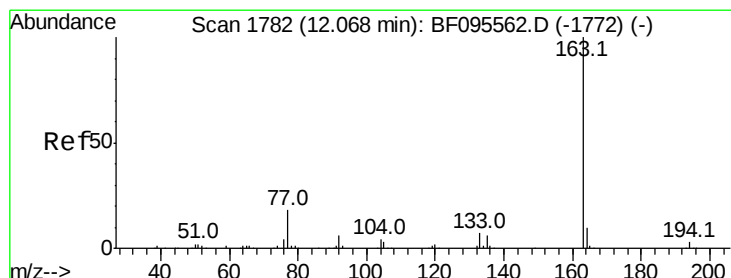
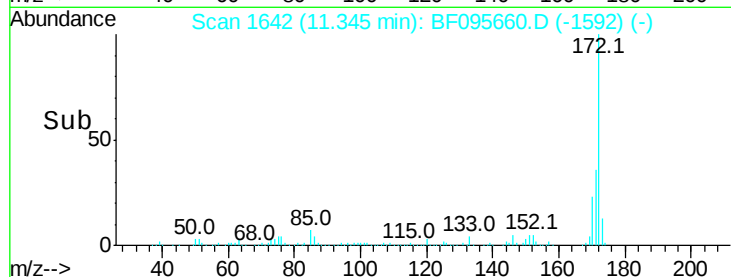
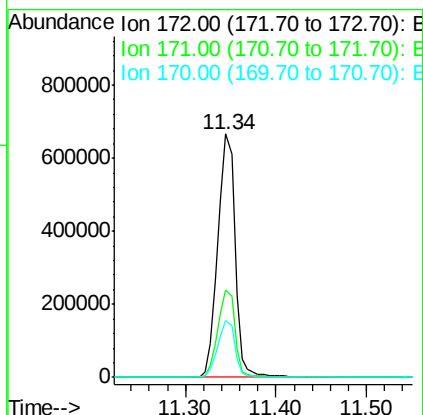
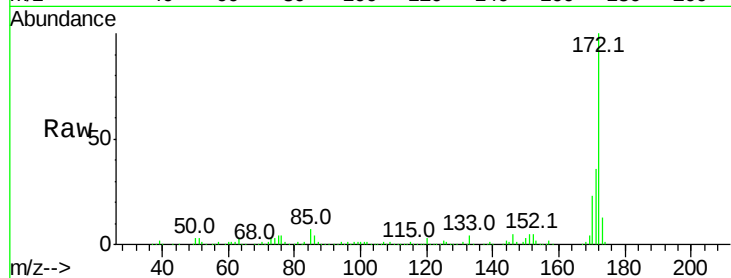




#44
2-Fluorobiphenyl
Concen: 88.26 ng
RT: 11.34 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095660.D
Acq: 3 Jun 2017 6:29

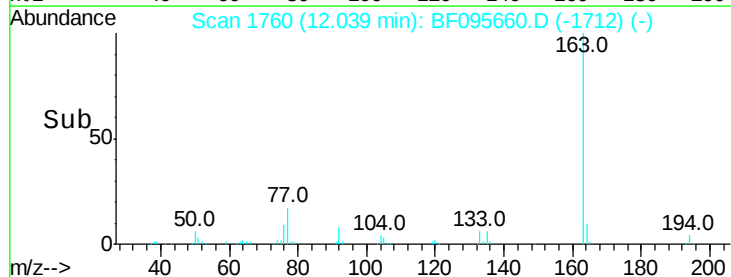
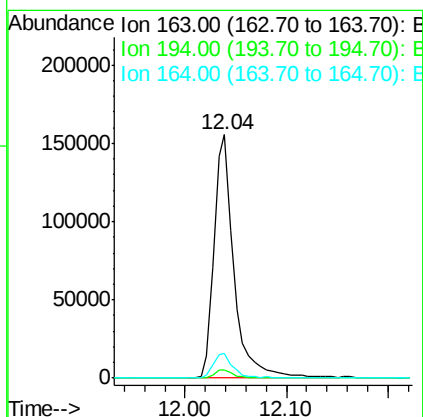
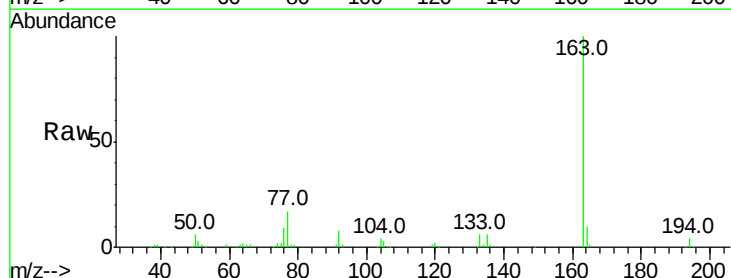
Instrument :
BNA_F
ClientSampleId :

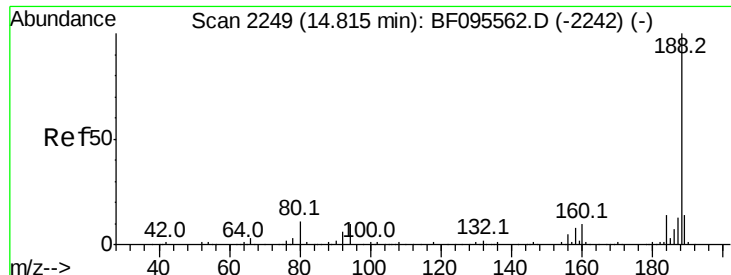
Tot Ion:172 Resp: 883789
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 17.98 ng
RT: 12.04 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF095660.D
Acq: 3 Jun 2017 6:29

Tgt Ion:163 Resp: 212690
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 8.4 12.6

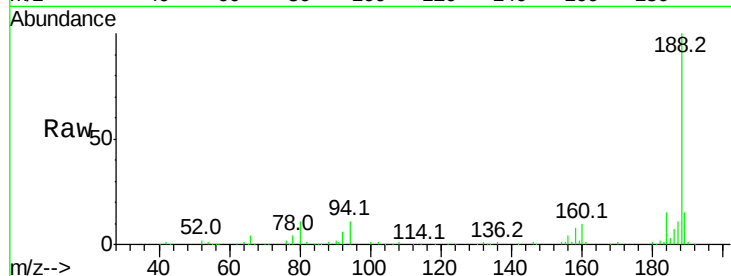




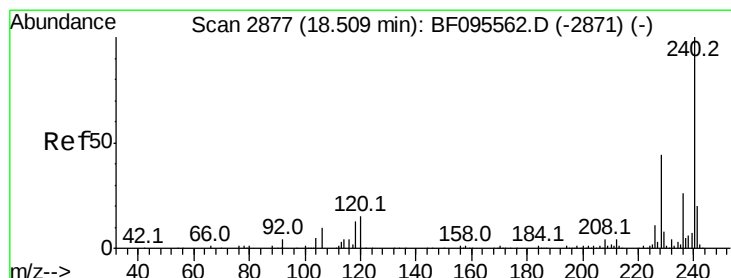
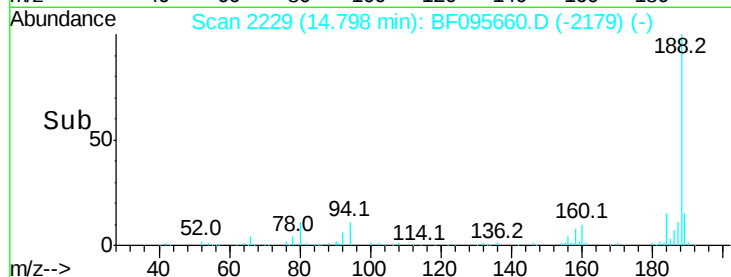
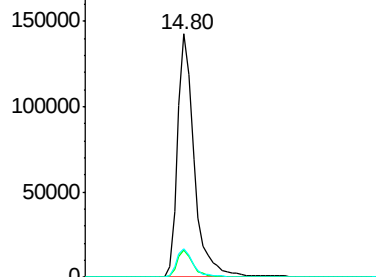
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095660.D
Acq: 3 Jun 2017 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 205948
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.5 10.2 15.2

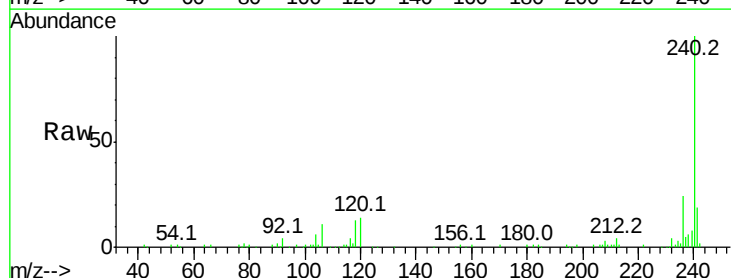


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

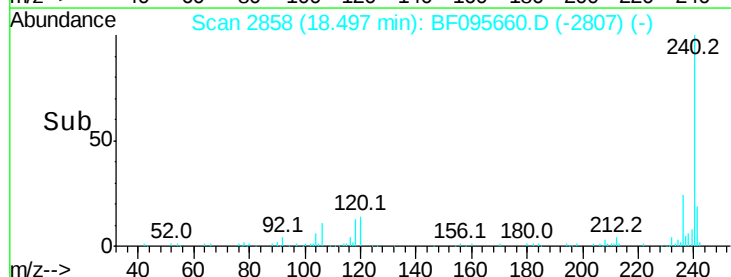
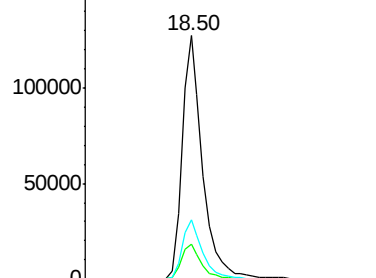


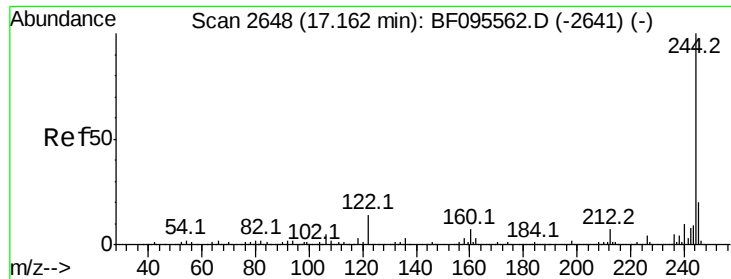
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095660.D
Acq: 3 Jun 2017 6:29

Tgt Ion:240 Resp: 171855
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 24.1 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

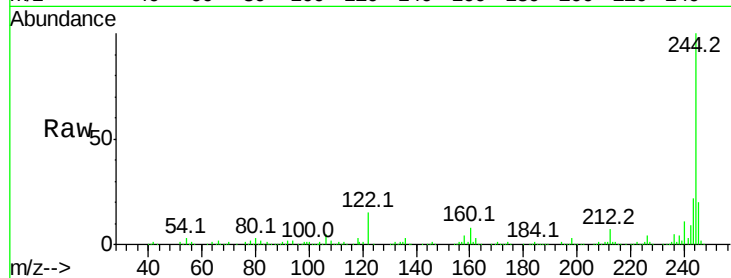




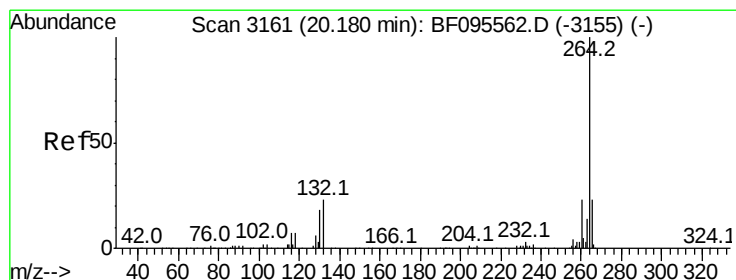
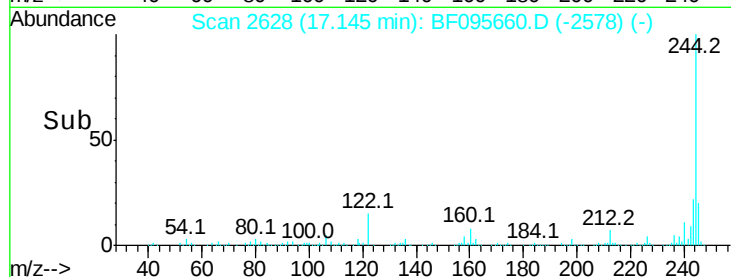
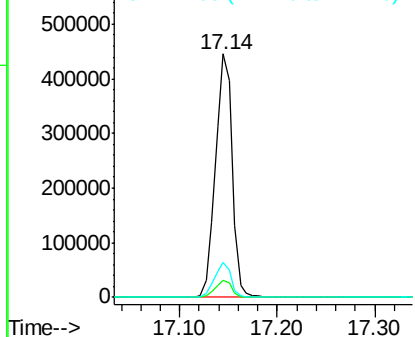
#78
 Terphenyl-d14
 Concen: 67.98 ng
 RT: 17.14 min Scan# 2628
 Delta R.T. -0.01 min
 Lab File: BF095660.D
 Acq: 3 Jun 2017 6:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 530422
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.5 10.3 15.5

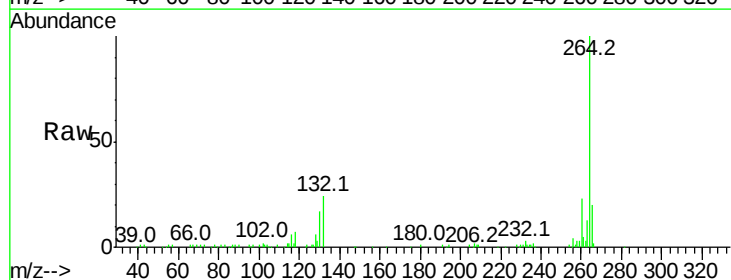


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3143
 Delta R.T. 0.01 min
 Lab File: BF095660.D
 Acq: 3 Jun 2017 6:29

Tgt Ion:264 Resp: 114974
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.2 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

