

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095451.D
 Acq On : 26 May 2017 7:46
 Operator : SJ/MA
 Sample : I3348-05 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 08:30:37 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

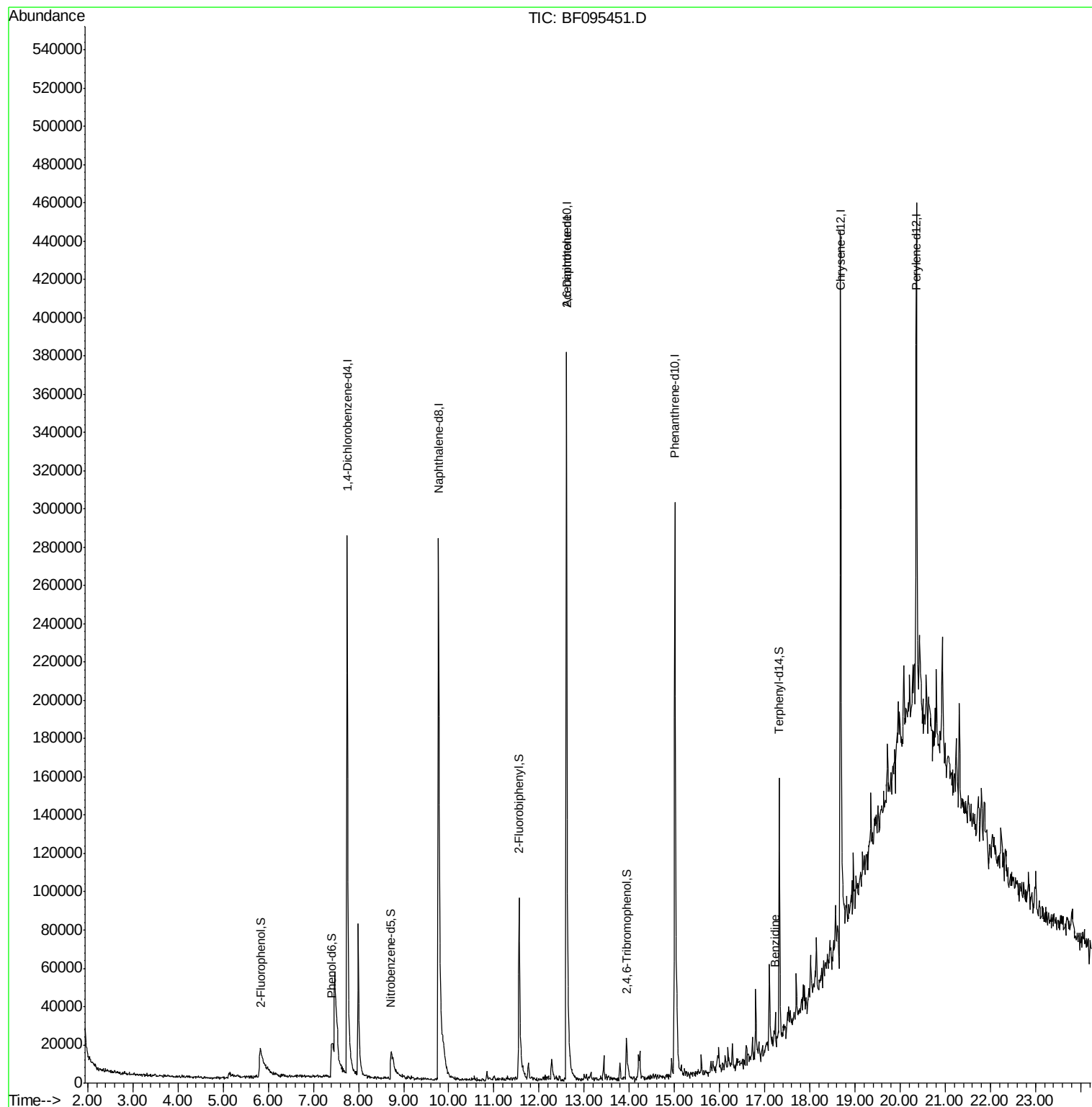
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	89868	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	382049	20.00	ng	-0.01
38) Acenaphthene-d10	12.61	164	157124	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	231830	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	185242	20.00	ng	-0.01
86) Perylene-d12	20.36	264	131607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	18204	3.38	ng	0.10
7) Phenol-d6	7.41	99	15275	2.36	ng	0.09
23) Nitrobenzene-d5	8.72	82	26053	4.30	ng	0.05
41) 2,4,6-Tribromophenol	13.94	330	8167	6.35	ng	0.02
44) 2-Fluorobiphenyl	11.56	172	85760	7.86	ng	0.00
78) Terphenyl-d14	17.32	244	57827	6.88	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	12.61	165	16472	6.26	ng	# 31
76) Benzidine	17.24	184	107	6.61	ng	# 62

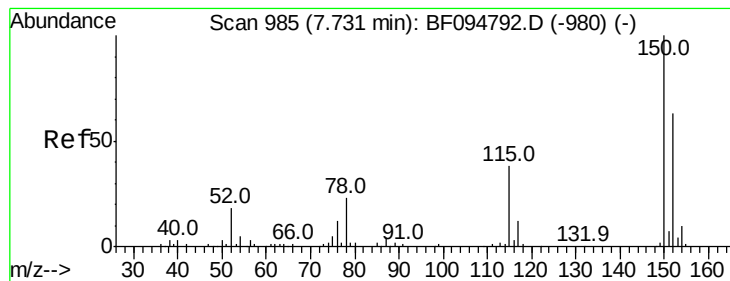
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
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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: BF095451.D

Acq: 26 May 2017 7:46

Instrument :

BNA_F

ClientSampled :

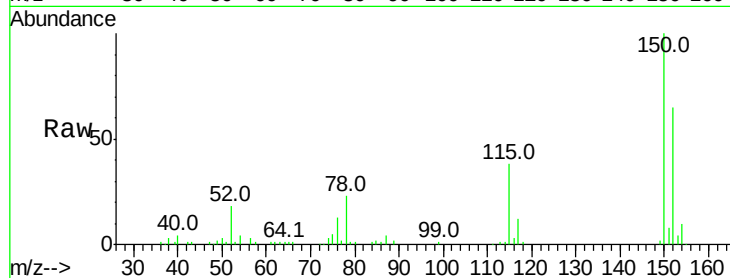
Tot Ion:152 Resp: 89868

Ion Ratio Lower Upper

152 100

150 154.0 126.2 189.2

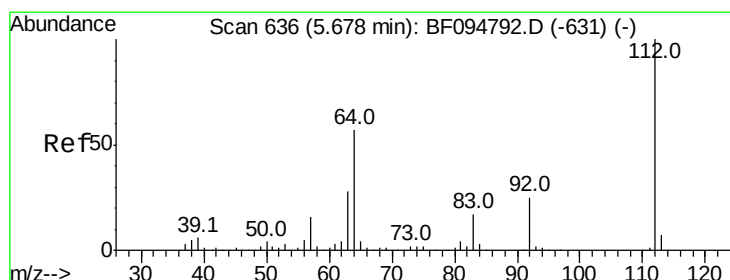
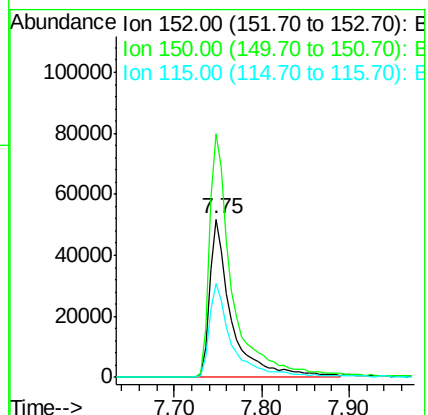
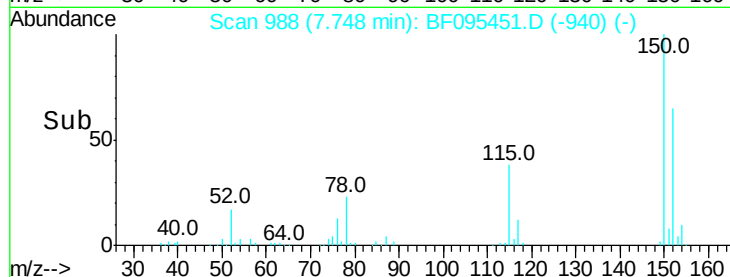
115 59.0 52.2 78.2



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: 3.38 ng

RT: 5.84 min Scan# 663

Delta R.T. 0.10 min

Lab File: BF095451.D

Acq: 26 May 2017 7:46

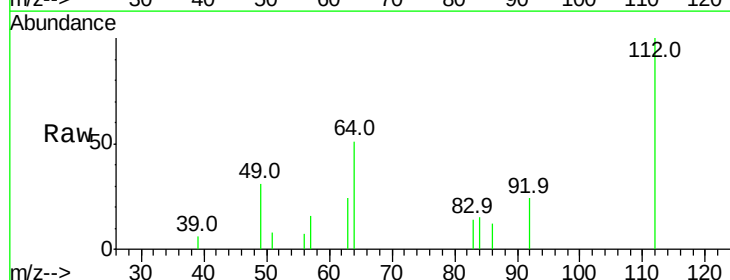
Tgt Ion:112 Resp: 18204

Ion Ratio Lower Upper

112 100

64 51.3 46.0 69.0

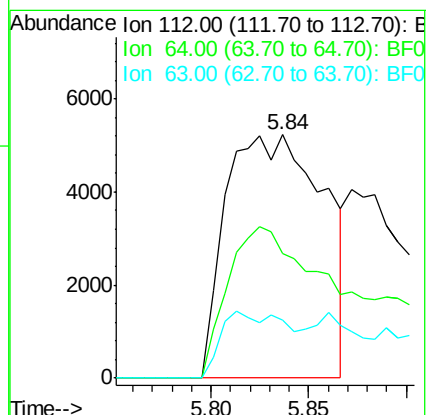
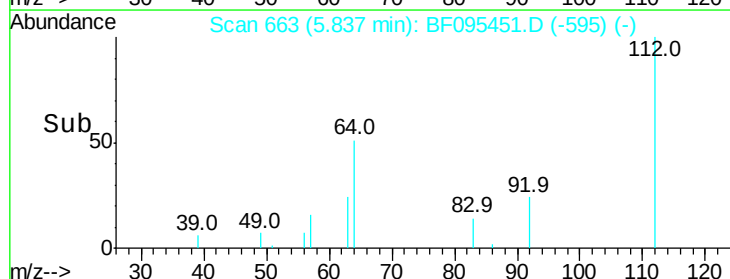
63 23.8 23.4 35.0

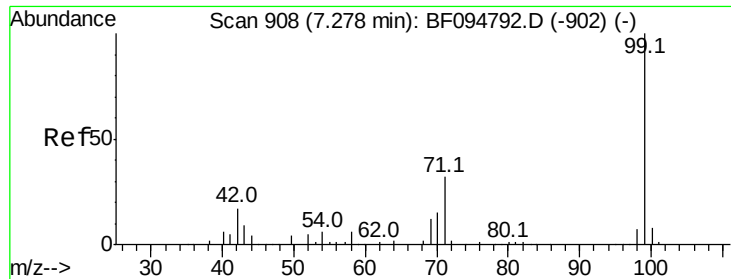


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.36 ng

RT: 7.41 min Scan# 930

Delta R.T. 0.09 min

Lab File: BF095451.D

Acq: 26 May 2017 7:46

Instrument :

BNA_F

ClientSampleId :

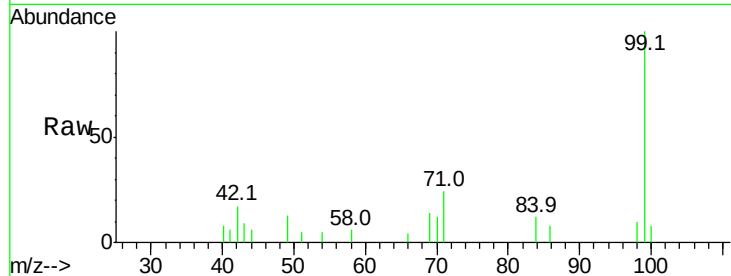
Tot Ion: 99 Resp: 15275

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

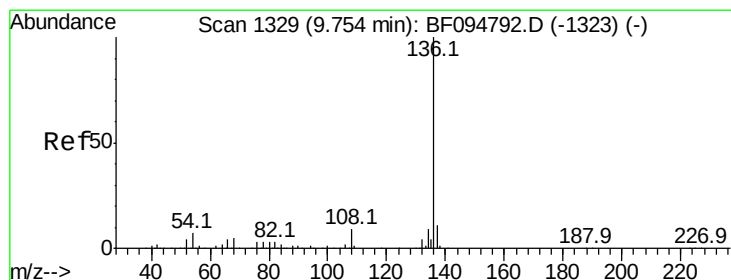
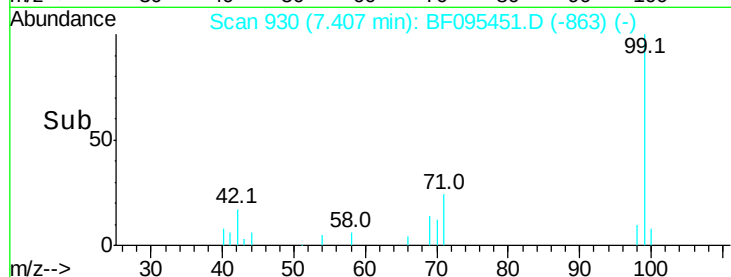
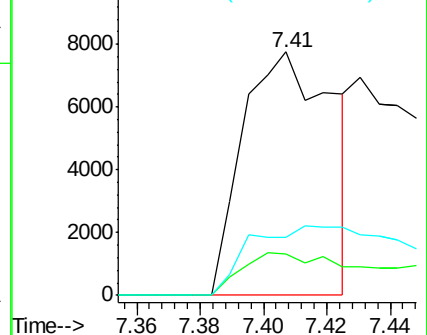
71 23.7 24.5 36.7#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095451.D

Acq: 26 May 2017 7:46

Tgt Ion: 136 Resp: 382049

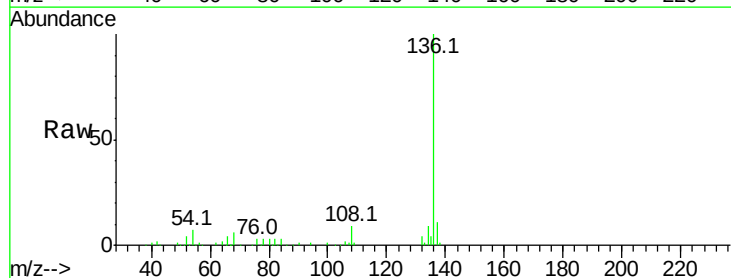
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.6 4.9 7.3

68 6.3 4.1 6.1#

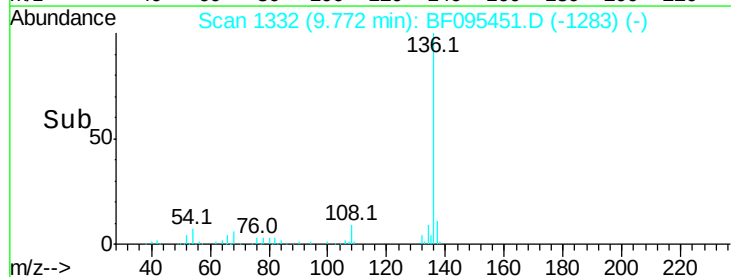
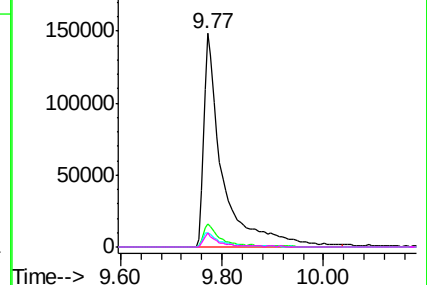


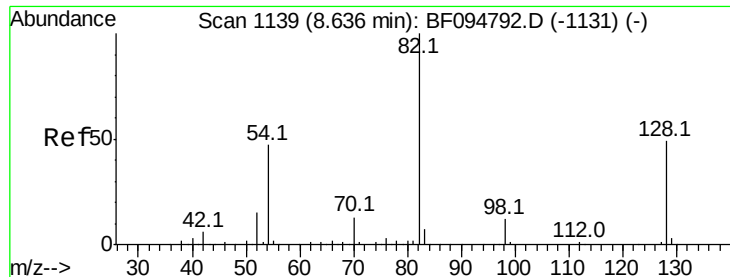
Abundance Ion 136.00 (135.70 to 136.70): E

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

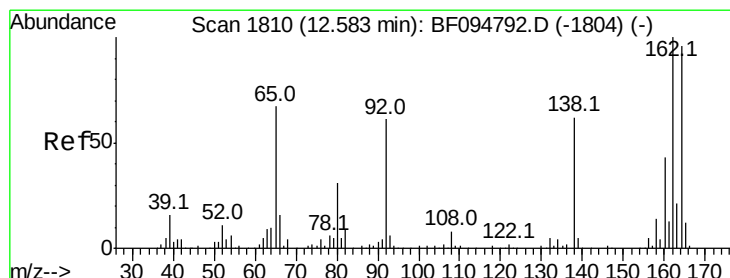
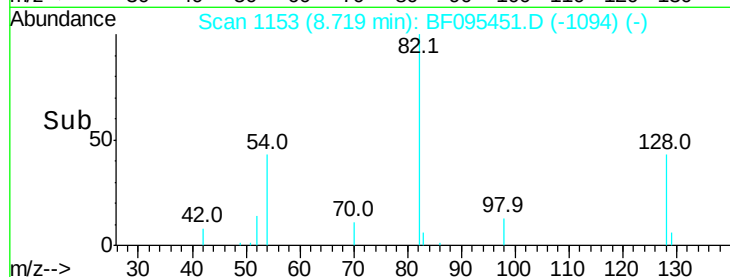
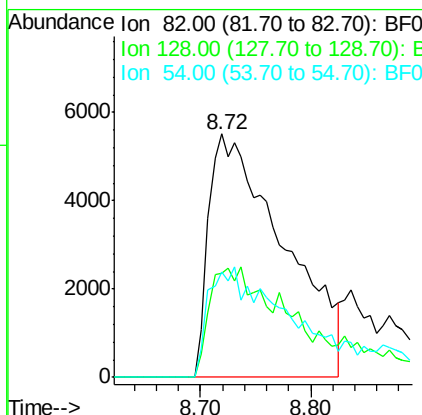
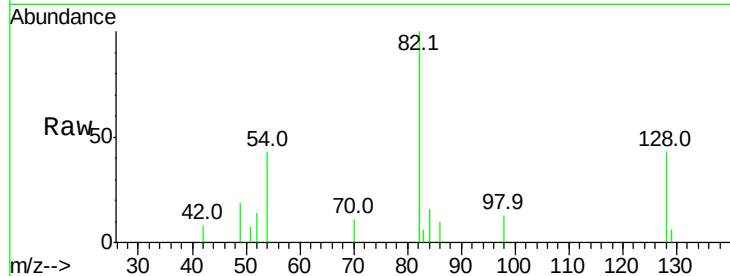




#23
 Nitrobenzene-d5
 Concen: 4.30 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. 0.05 min
 Lab File: BF095451.D
 Acq: 26 May 2017 7:46

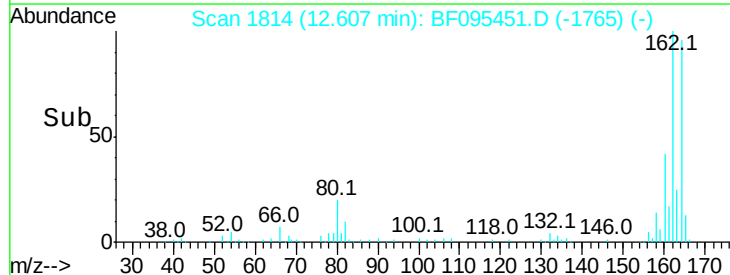
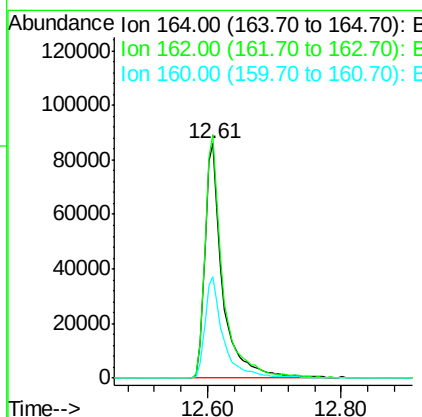
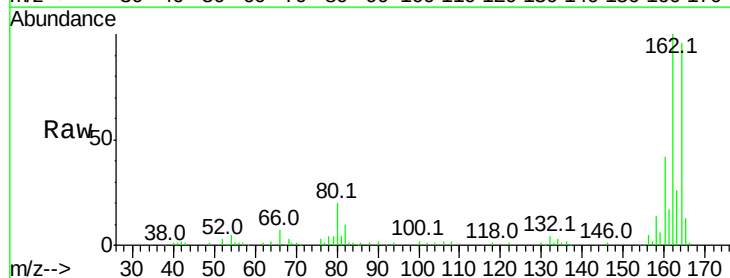
Instrument :
 BNA_F
 ClientSampleId :

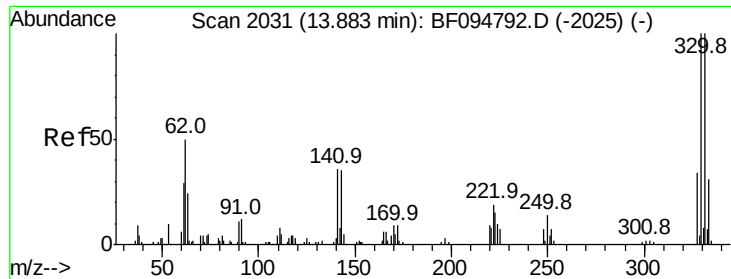
Tot Ion: 82 Resp: 26053
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.0 51.0
 54 43.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095451.D
 Acq: 26 May 2017 7:46

Tgt Ion:164 Resp: 157124
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 43.3 36.2 54.2

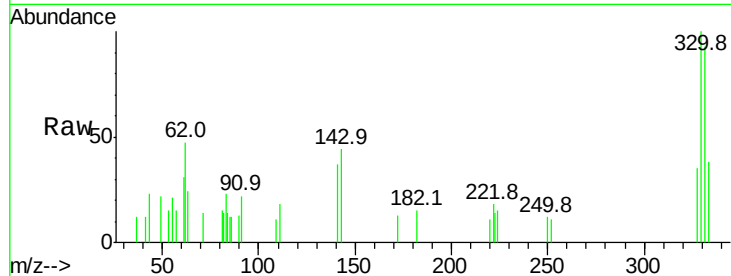




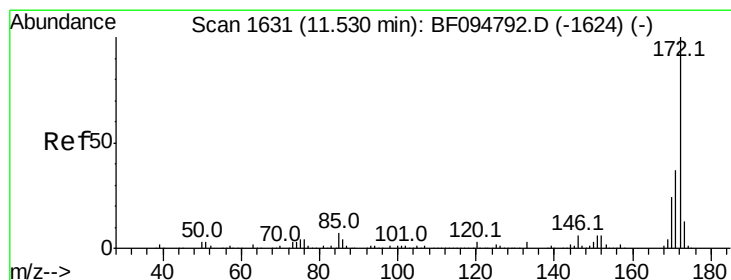
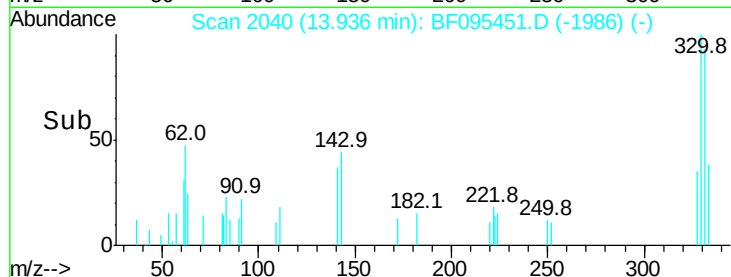
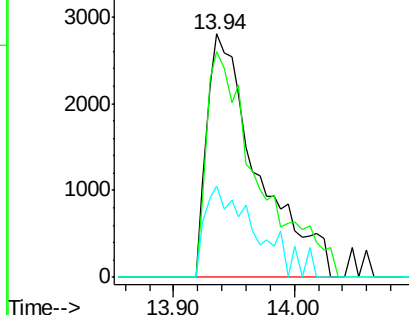
#41
 2,4,6-Tribromophenol
 Concen: 6.35 ng
 RT: 13.94 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: BF095451.D
 Acq: 26 May 2017 7:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 8167
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 115.0
 141 37.7 31.4 47.2

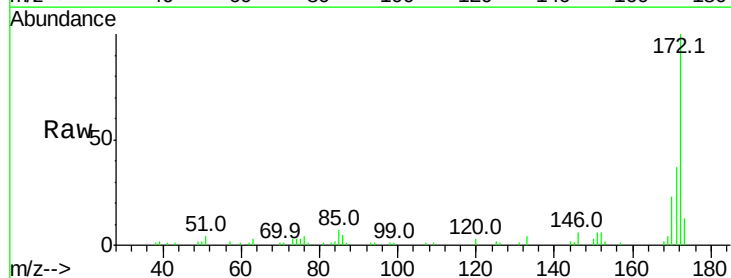


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

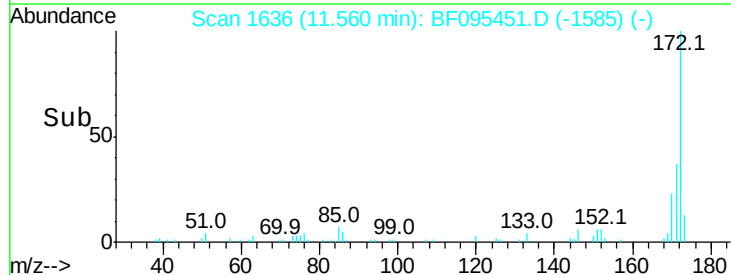
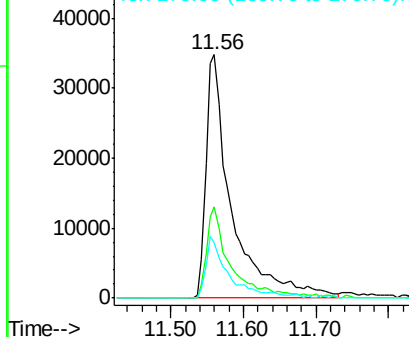


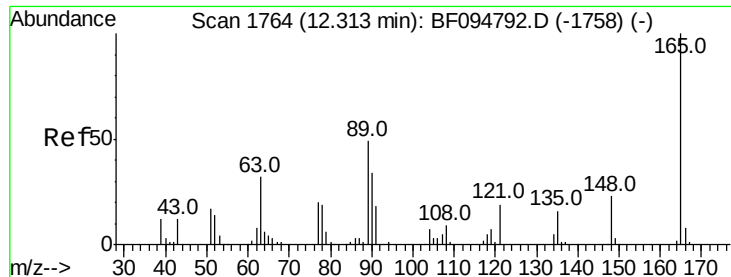
#44
 2-Fluorobiphenyl
 Concen: 7.86 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095451.D
 Acq: 26 May 2017 7:46

Tgt Ion:172 Resp: 85760
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 22.6 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

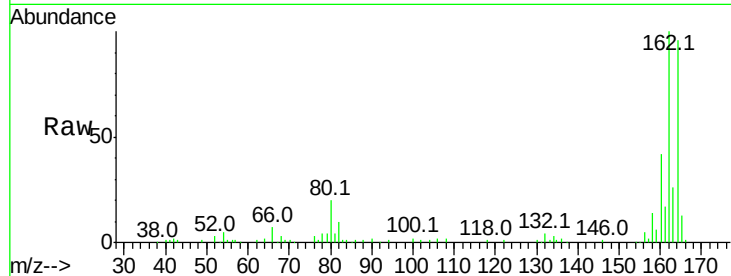




#50
 2,6-Dinitrotoluene
 Concen: 6.26 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. 0.25 min
 Lab File: BF095451.D
 Acq: 26 May 2017 7:46

Instrument :
 BNA_F
 ClientSampleId :

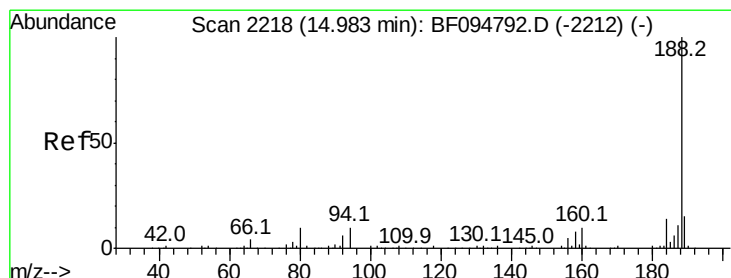
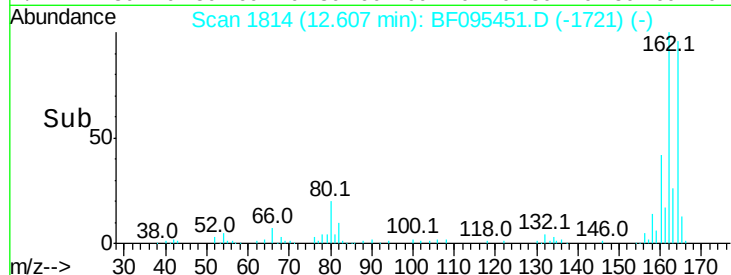
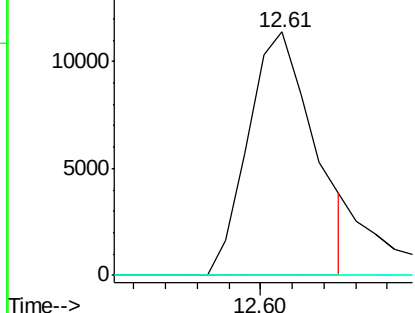
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

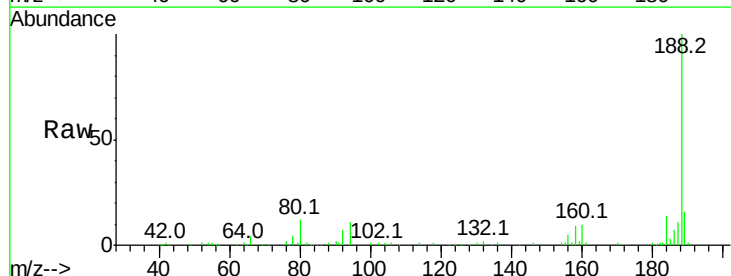
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095451.D
 Acq: 26 May 2017 7:46

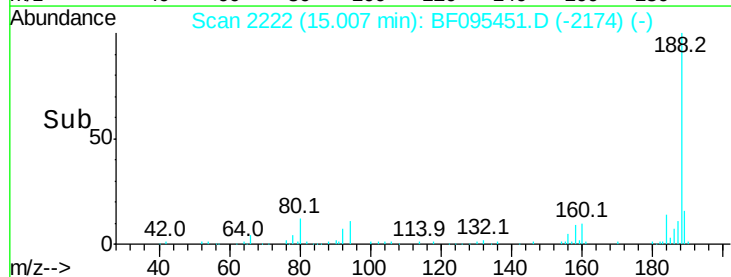
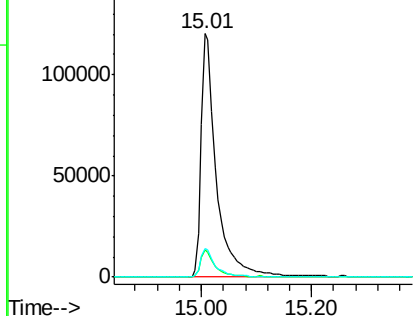
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	12.0	10.2	15.2

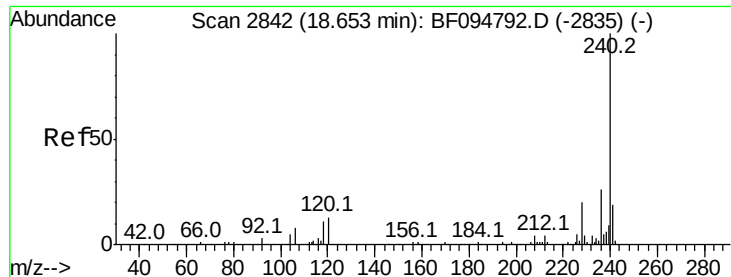


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095451.D

Acq: 26 May 2017 7:46

Instrument :

BNA_F

ClientSampleId :

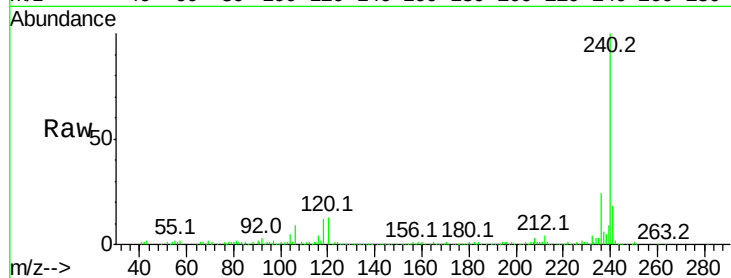
Tot Ion:240 Resp: 185242

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

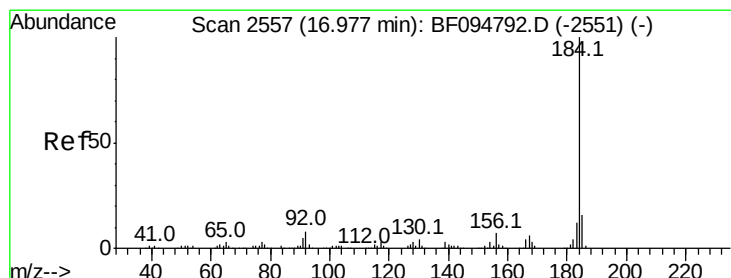
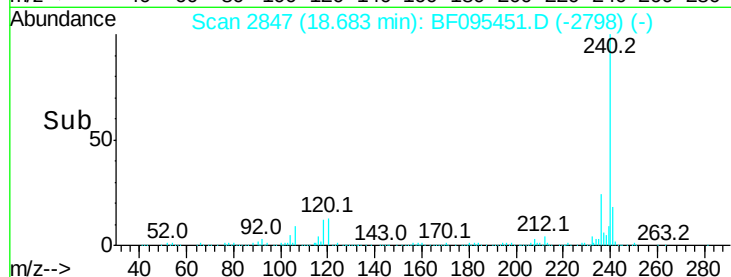
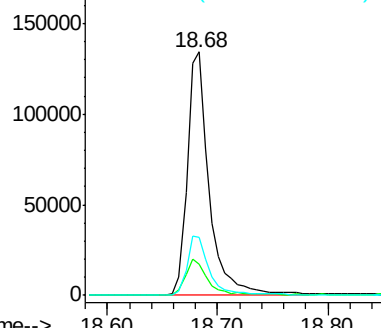
236 23.9 20.5 30.7



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



#76

Benzidine

Concen: 6.61 ng

RT: 17.24 min Scan# 2602

Delta R.T. 0.22 min

Lab File: BF095451.D

Acq: 26 May 2017 7:46

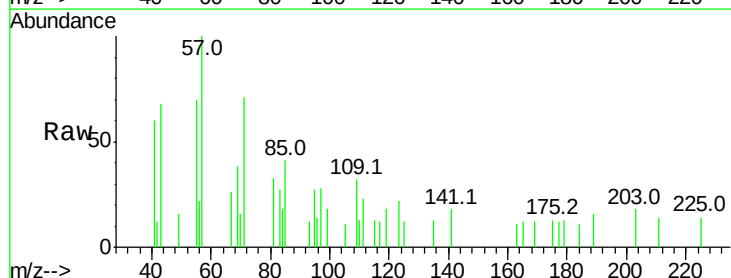
Tgt Ion:184 Resp: 107

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

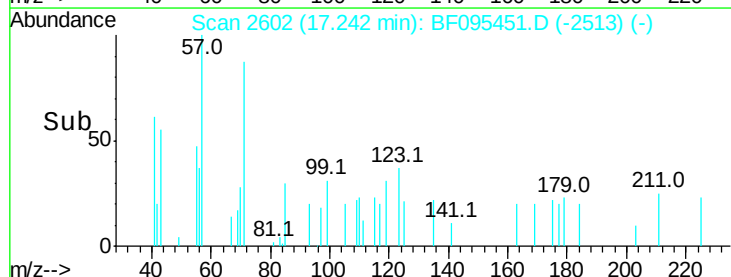
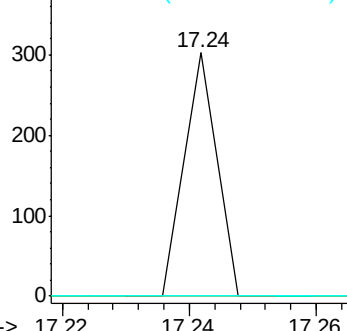
183 0.0 9.8 14.6#

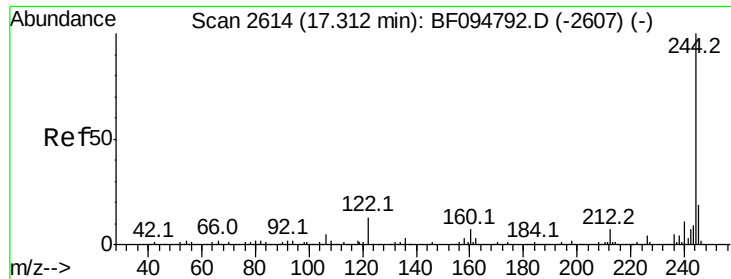


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 6.88 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095451.D

Acq: 26 May 2017 7:46

Instrument :

BNA_F

ClientSampled :

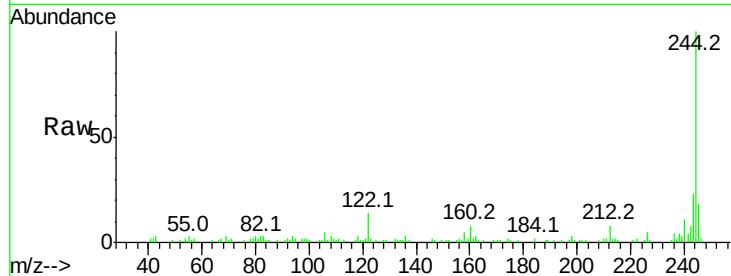
Tot Ion:244 Resp: 57827

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

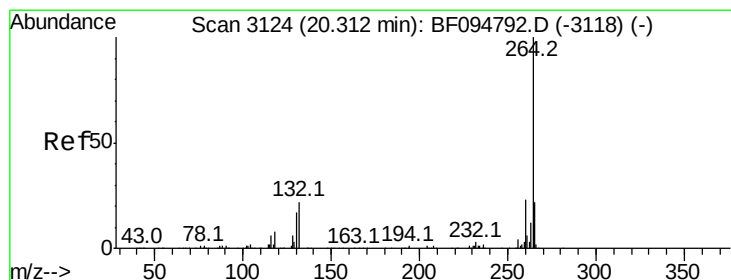
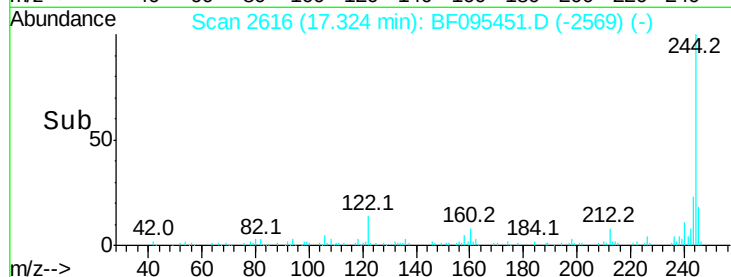
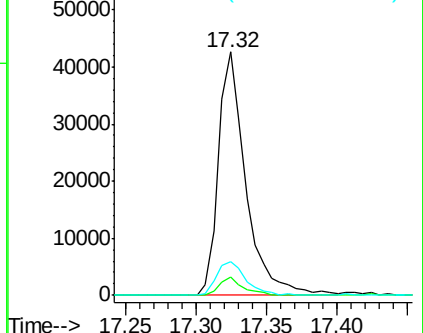
122 13.8 10.3 15.5



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: BF095451.D

Acq: 26 May 2017 7:46

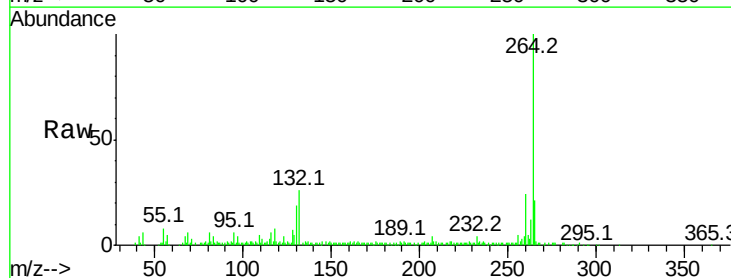
Tgt Ion:264 Resp: 131607

Ion Ratio Lower Upper

264 100

260 23.9 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

