

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087175.D
 Acq On : 19 May 2016 7:14
 Operator : UM/SJ
 Sample : H3120-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-201

Quant Time: May 19 07:45:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

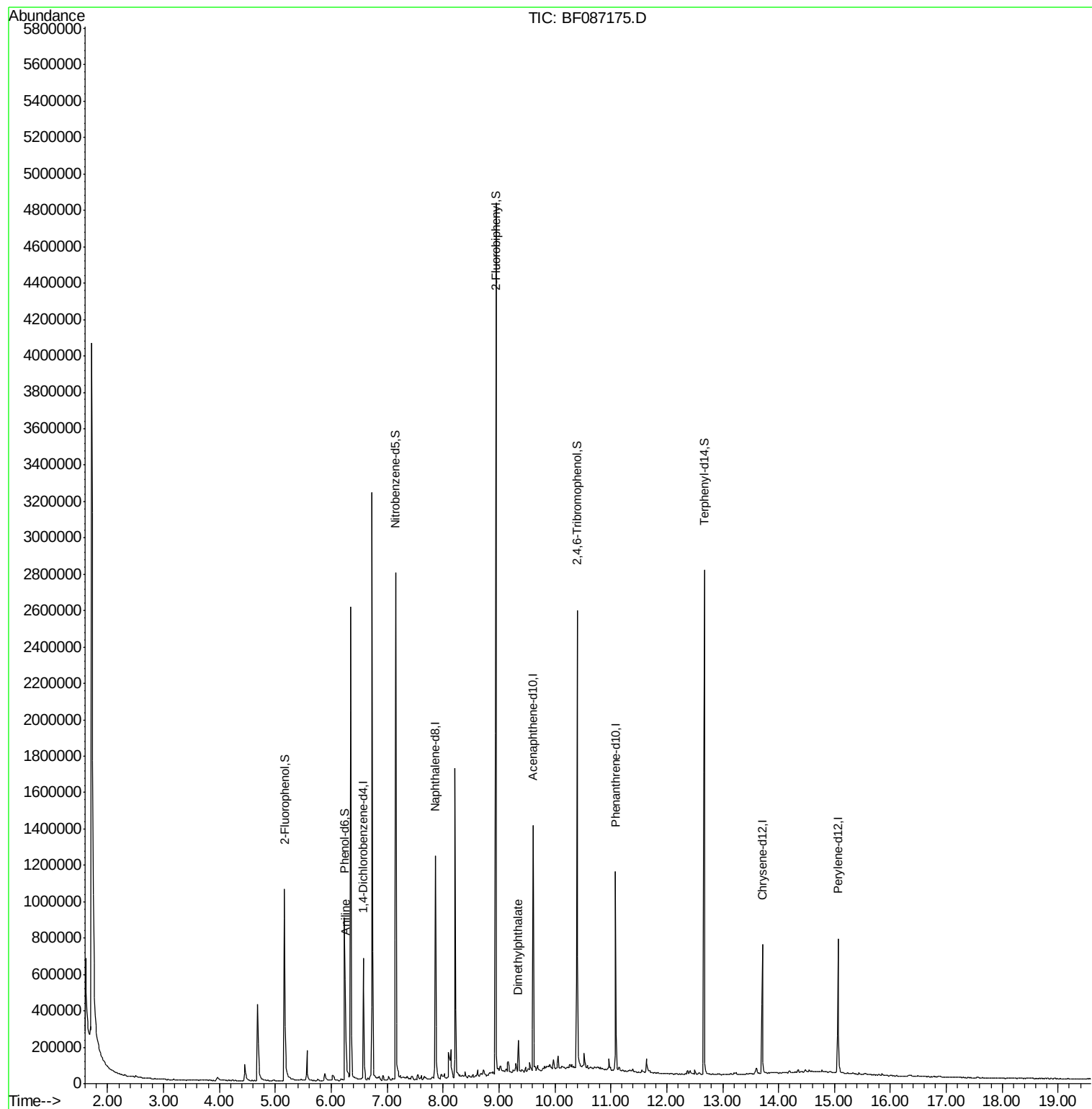
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	126525	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	504839	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	235864	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	358498	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	281258	20.00	ng	-0.05
86) Perylene-d12	15.06	264	291160	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	445861	59.23	ng	-0.03
7) Phenol-d6	6.24	99	379899	37.63	ng	-0.05
23) Nitrobenzene-d5	7.15	82	872724	86.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	294801	113.11	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1484950	104.27	ng	-0.03
78) Terphenyl-d14	12.67	244	1006984	80.99	ng	-0.03
Target Compounds						
6) Aniline	6.25	93	33668	2.63	ng	Qvalue # 76
49) Dimethylphthalate	9.35	163	64218	3.57	ng	100

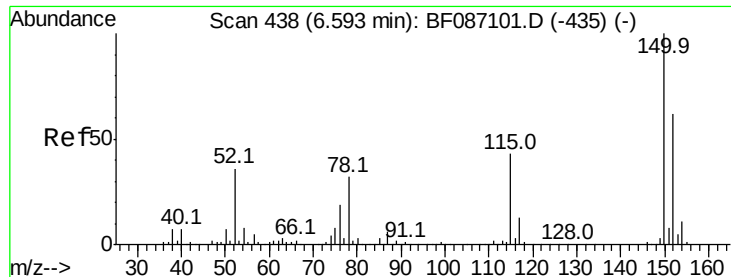
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF087175.D

Acq: 19 May 2016 7:14

Instrument :

BNA_F

ClientSampleId :

RAV-GT-201

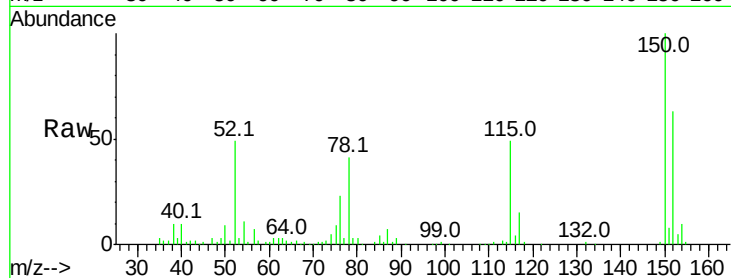
Tot Ion:152 Resp: 126525

Ion Ratio Lower Upper

152 100

150 157.5 125.8 188.6

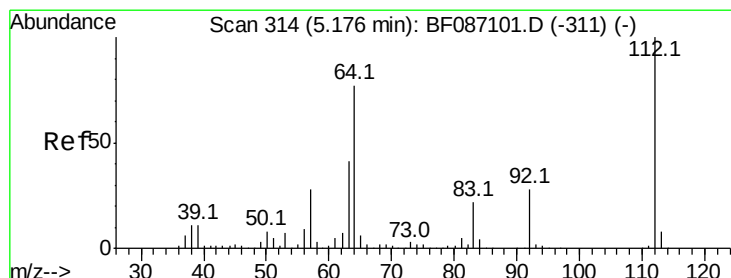
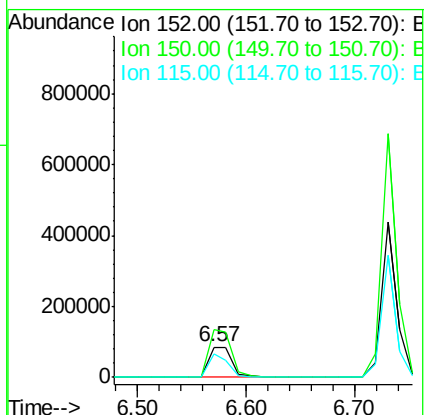
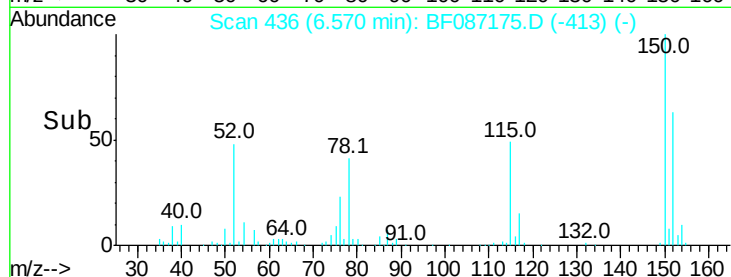
115 76.5 51.5 77.3



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: 59.23 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087175.D

Acq: 19 May 2016 7:14

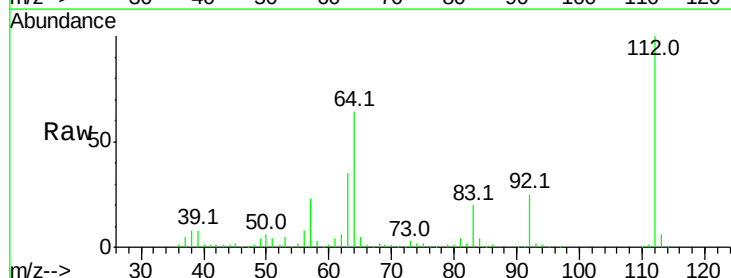
Tgt Ion:112 Resp: 445861

Ion Ratio Lower Upper

112 100

64 63.5 52.1 78.1

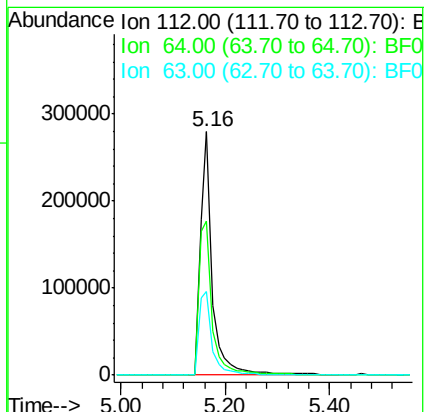
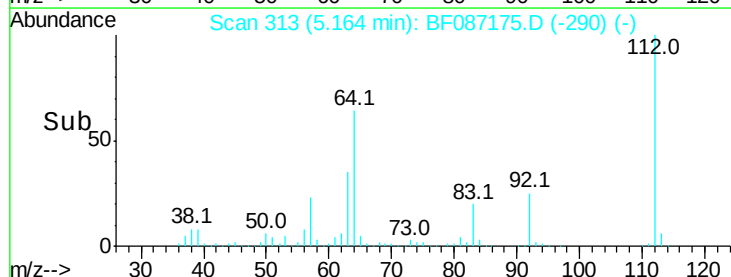
63 34.6 25.7 38.5

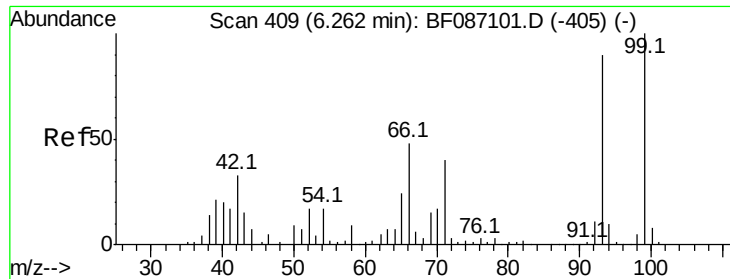


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 2.63 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF087175.D

Acq: 19 May 2016 7:14

Instrument :

BNA_F

ClientSampleId :

RAV-GT-201

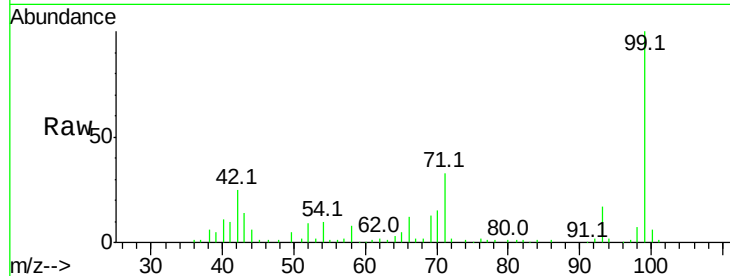
Tot Ion: 93 Resp: 33668

Ion Ratio Lower Upper

93 100

66 72.5 39.0 58.6#

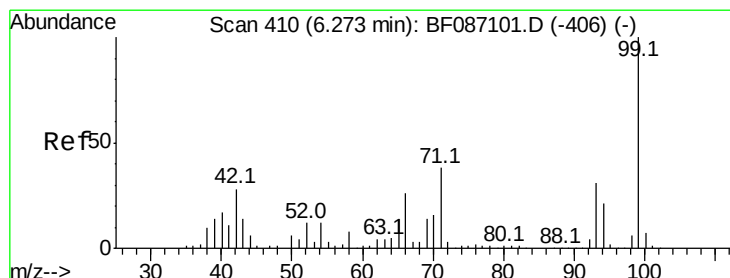
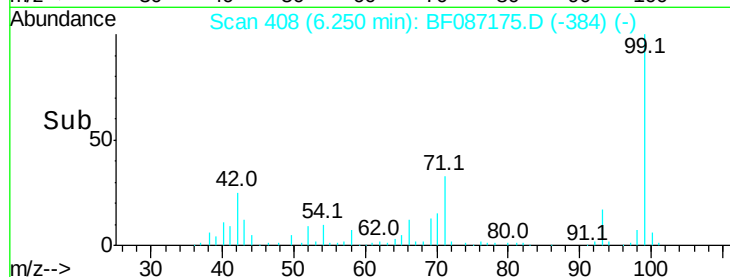
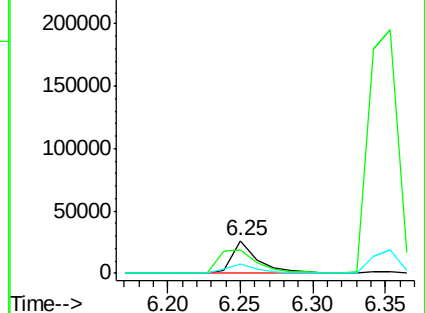
65 27.6 20.6 31.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 37.63 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087175.D

Acq: 19 May 2016 7:14

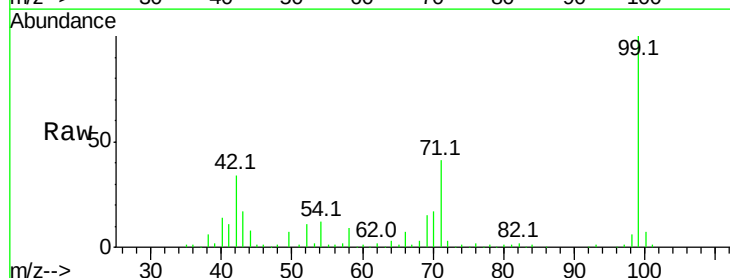
Tgt Ion: 99 Resp: 379899

Ion Ratio Lower Upper

99 100

42 33.6 13.6 20.4#

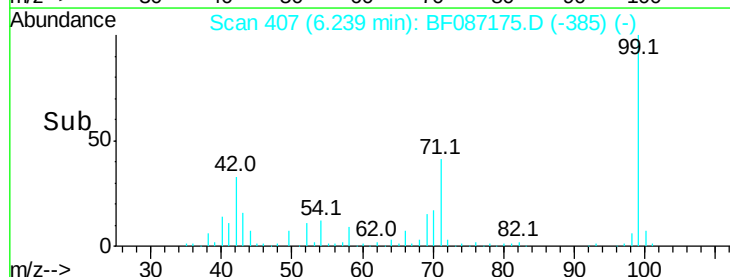
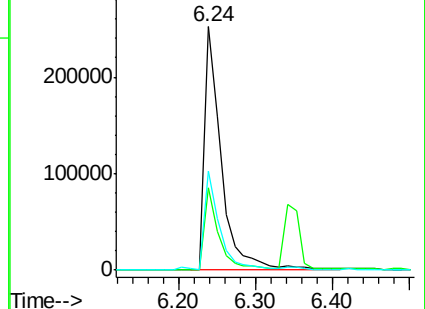
71 40.7 24.6 36.8#

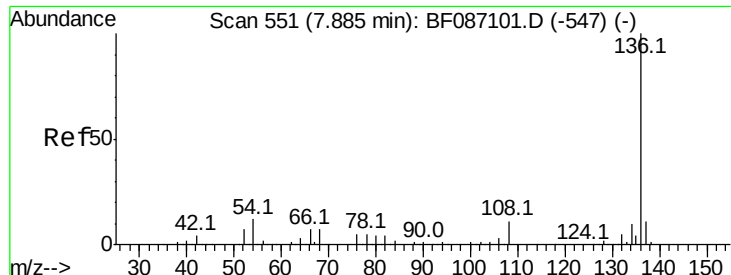


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

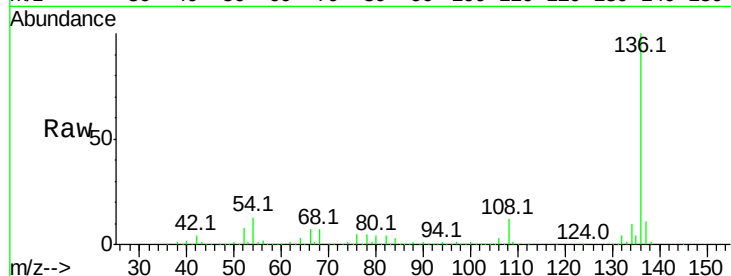




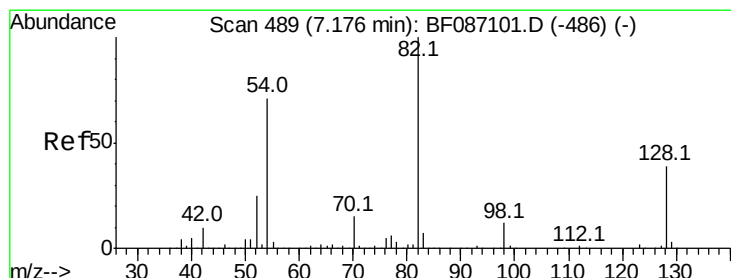
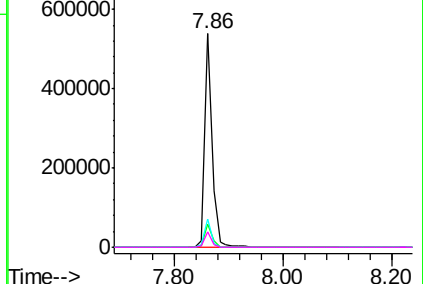
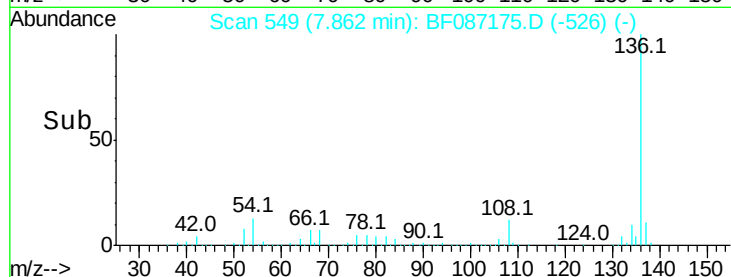
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087175.D
Acq: 19 May 2016 7:14

Instrument :
BNA_F
ClientSampleId :
RAV-GT-201

Tot Ion:	136	Resp:	504839
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	13.3	5.0	7.4#
68	7.0	4.4	6.6#

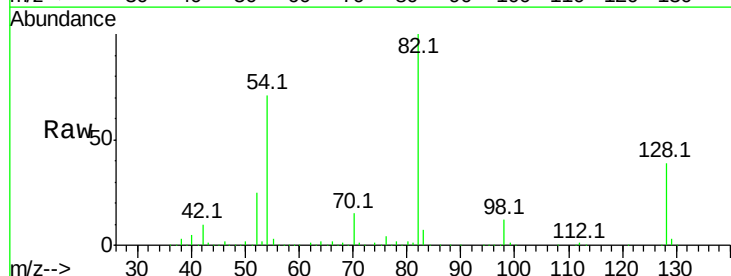


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

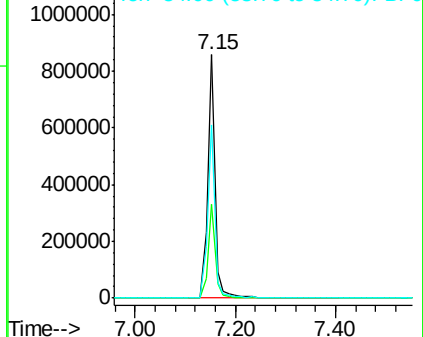
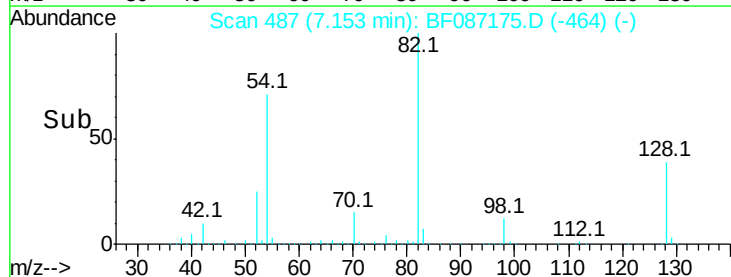


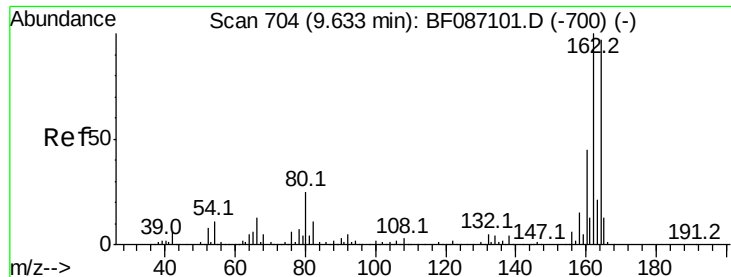
#23
Nitrobenzene-d5
Concen: 86.16 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087175.D
Acq: 19 May 2016 7:14

Tgt Ion:	82	Resp:	872724
Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	61.0#
54	71.2	38.1	57.1#



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

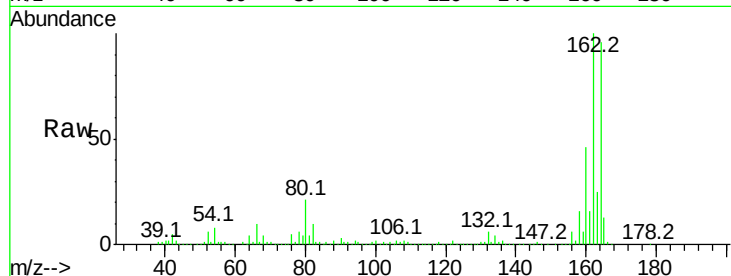




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087175.D
Acq: 19 May 2016 7:14

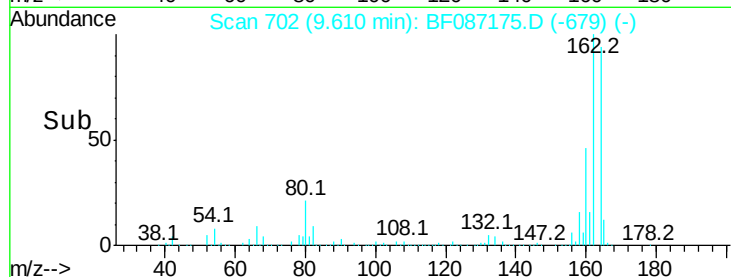
Instrument :
BNA_F
ClientSampleId :
RAV-GT-201

Tot Ion:164 Resp: 235864
Ion Ratio Lower Upper
164 100
162 103.8 82.8 124.2
160 48.1 36.9 55.3

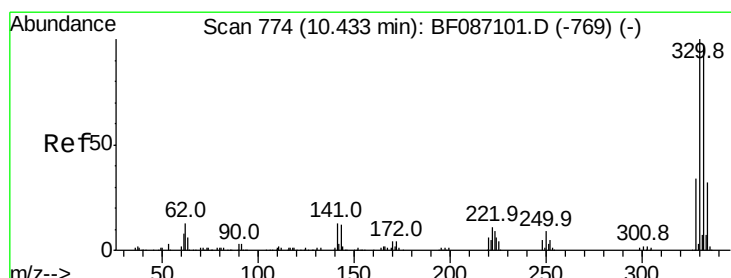


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

9.61

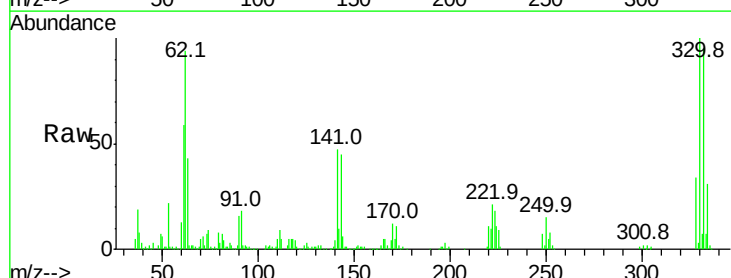


Time-->



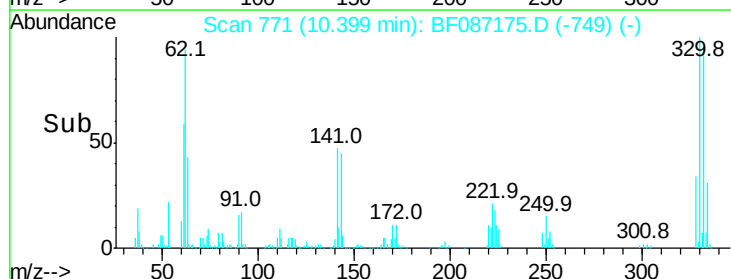
#41
2,4,6-Tribromophenol
Concen: 113.11 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.05 min
Lab File: BF087175.D
Acq: 19 May 2016 7:14

Tgt Ion:330 Resp: 294801
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.4
141 36.7 31.2 46.8

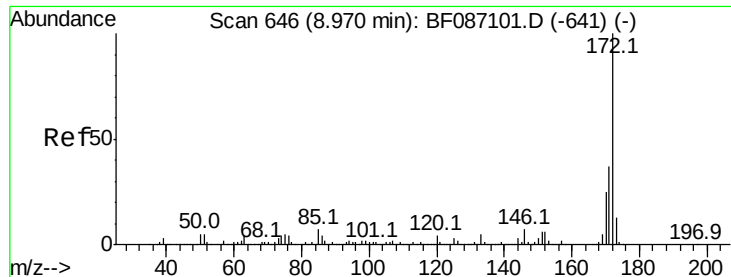


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

10.40



Time-->



#44

2-Fluorobiphenyl

Concen: 104.27 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF087175.D

Acq: 19 May 2016 7:14

Instrument :

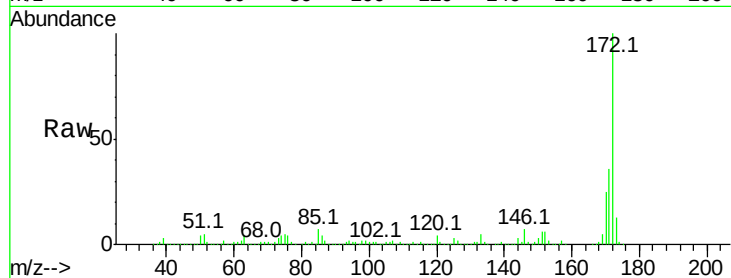
BNA_F

ClientSampleId :

RAV-GT-201

Tot Ion:172 Resp: 1484950

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.8	19.8	29.8

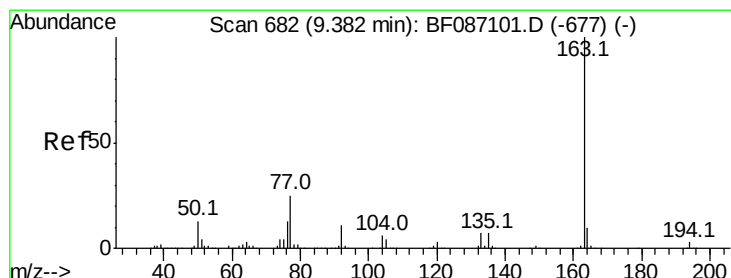
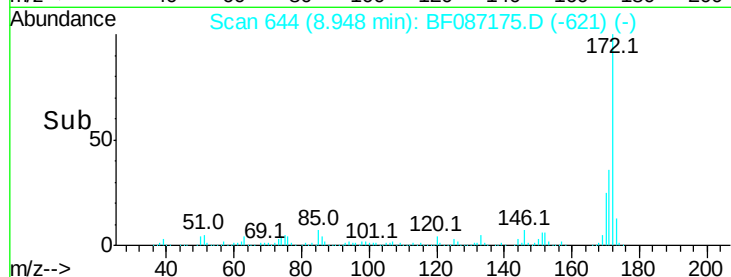
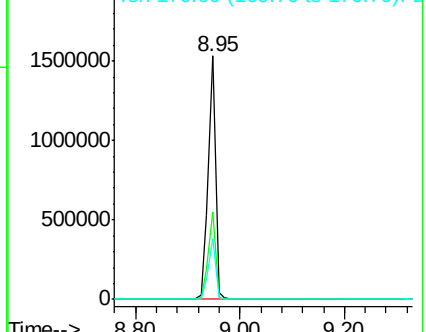


Abundance

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



#49

Dimethylphthalate

Concen: 3.57 ng

RT: 9.35 min Scan# 679

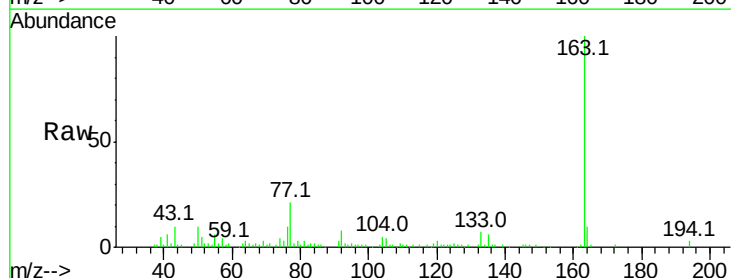
Delta R.T. -0.05 min

Lab File: BF087175.D

Acq: 19 May 2016 7:14

Tgt Ion:163 Resp: 64218

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.2	12.4

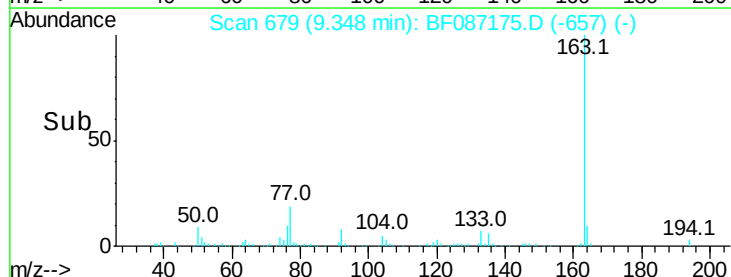
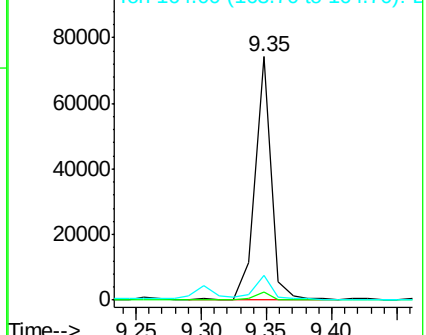


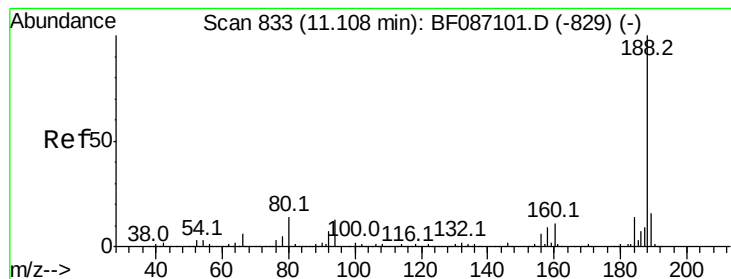
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF087175.D

Acq: 19 May 2016 7:14

Instrument :

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ClientSampleId :

RAV-GT-201

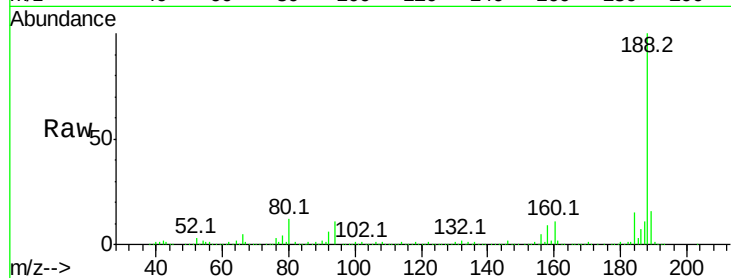
Tot Ion:188 Resp: 358498

Ion Ratio Lower Upper

188 100

94 11.1 6.8 10.2#

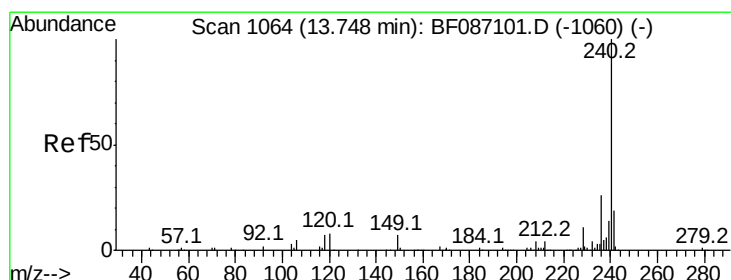
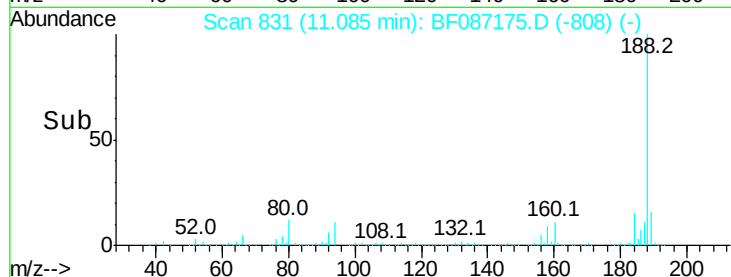
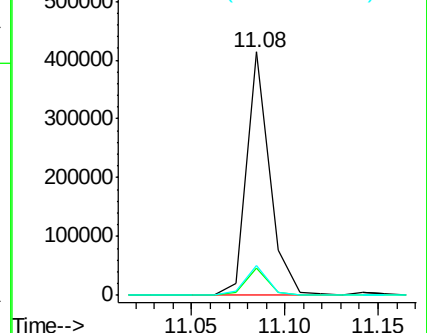
80 12.2 7.1 10.7#



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: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087175.D

Acq: 19 May 2016 7:14

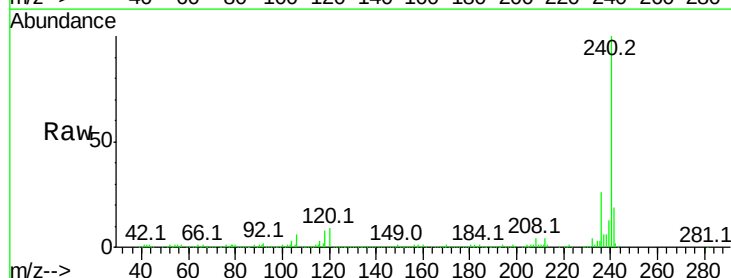
Tgt Ion:240 Resp: 281258

Ion Ratio Lower Upper

240 100

120 9.0 11.2 16.8#

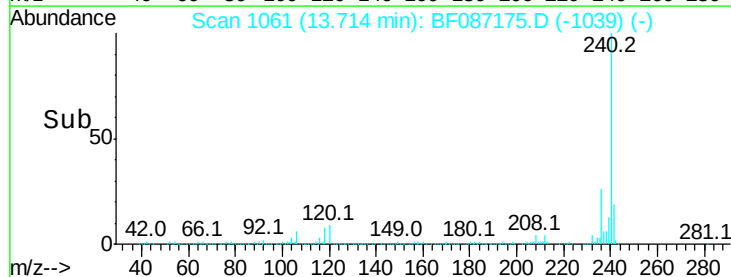
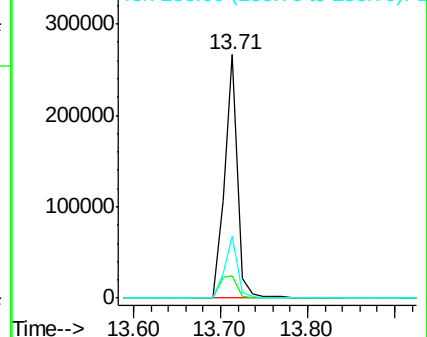
236 25.6 21.2 31.8

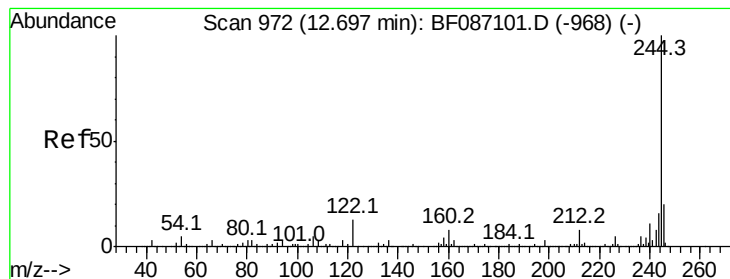


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.99 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087175.D

Acq: 19 May 2016 7:14

Instrument :

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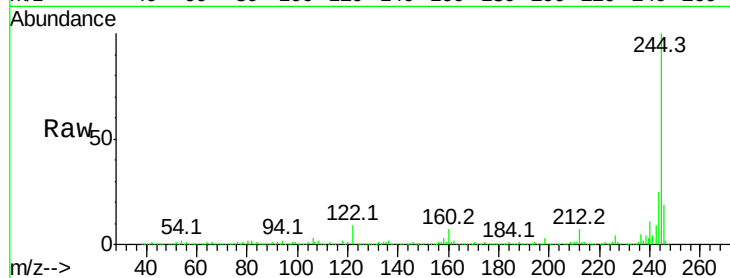
Tot Ion:244 Resp: 1006984

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

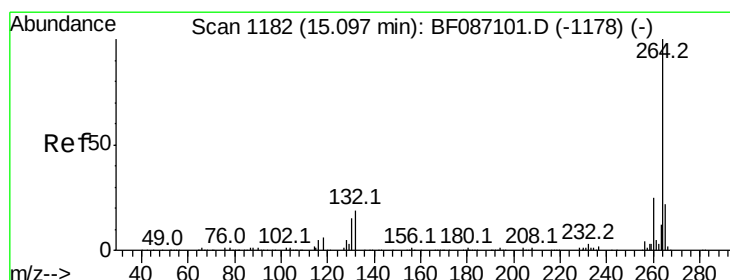
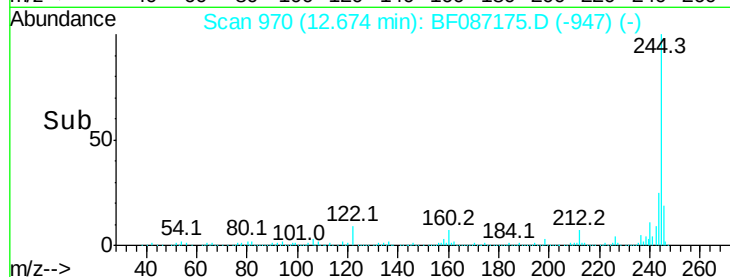
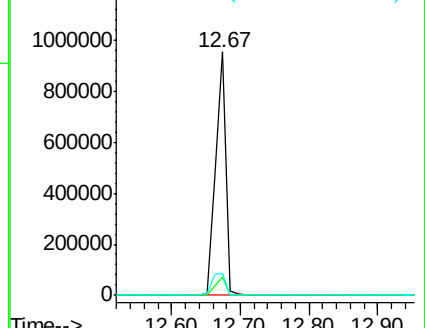
122 9.0 12.0 18.0#



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: 15.06 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF087175.D

Acq: 19 May 2016 7:14

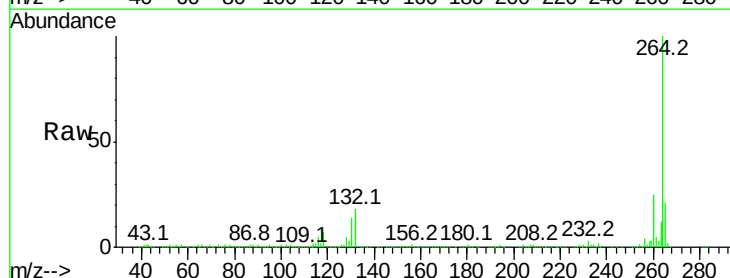
Tgt Ion:264 Resp: 291160

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.1 17.3 25.9



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

