

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087565.D
 Acq On : 30 May 2016 23:54
 Operator : UM/SJ
 Sample : H3249-02
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-38

Quant Time: May 31 00:43:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

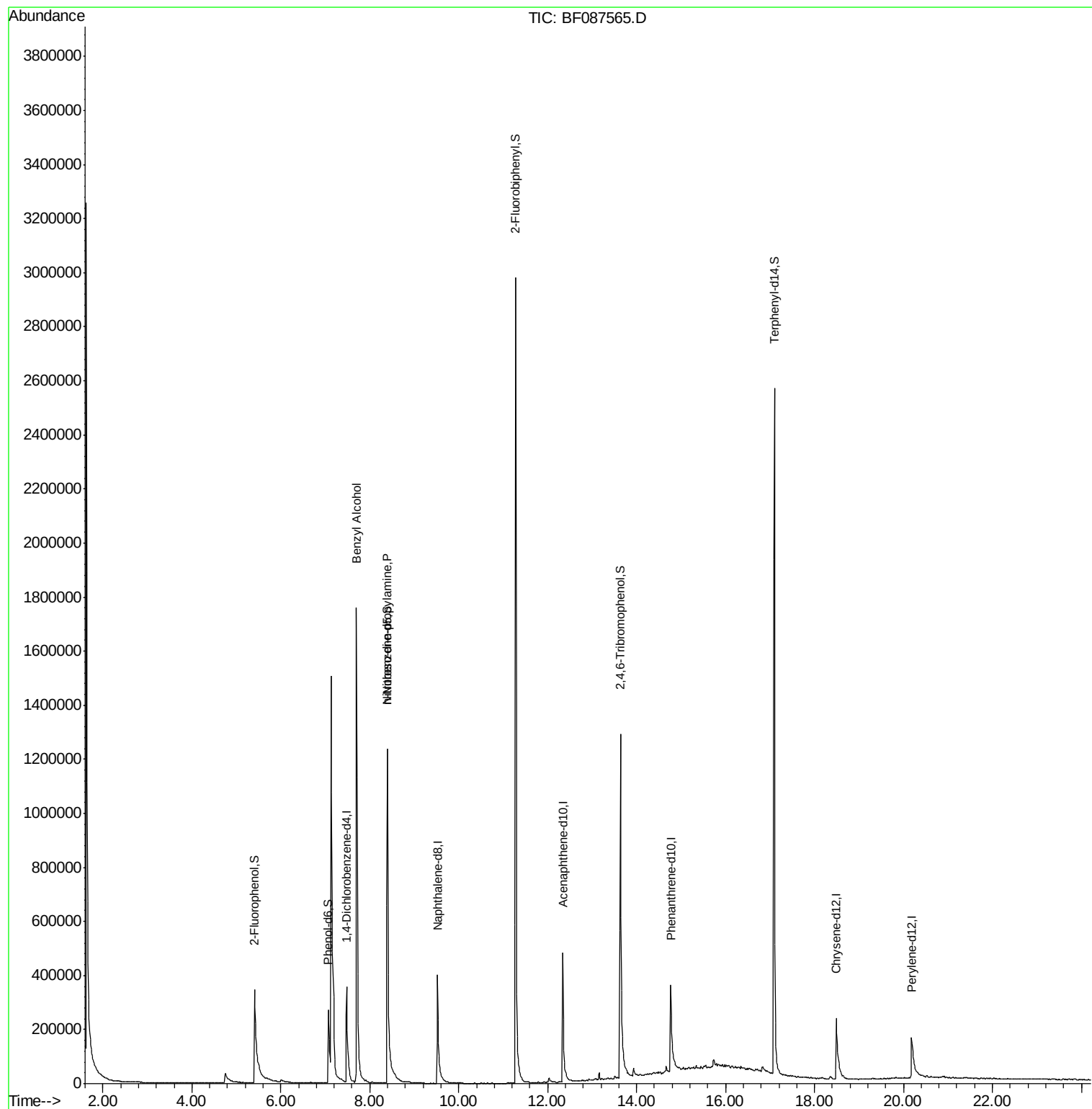
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	111556	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	440843	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	212930	20.00	ng	-0.05
63) Phenanthrene-d10	14.77	188	371788	20.00	ng	-0.01
75) Chrysene-d12	18.49	240	244801	20.00	ng	0.01
86) Perylene-d12	20.18	264	201736	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	321013	50.56	ng	-0.01
7) Phenol-d6	7.06	99	240906	28.08	ng	-0.01
23) Nitrobenzene-d5	8.40	82	765635	87.53	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	243460	118.98	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1285659	85.12	ng	-0.06
78) Terphenyl-d14	17.10	244	1157390	100.51	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.70	79	13422	2.15	ng	# 47
19) n-Nitroso-di-n-propylamine	8.40	70	92156	14.40	ng	# 78

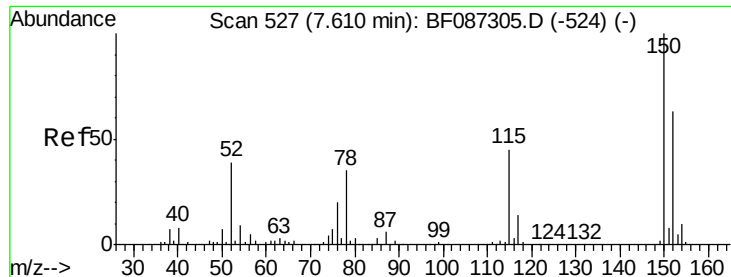
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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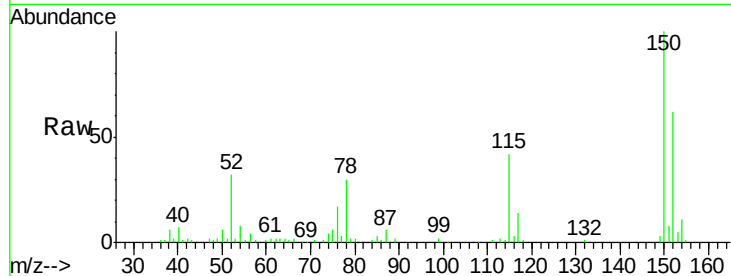


#1

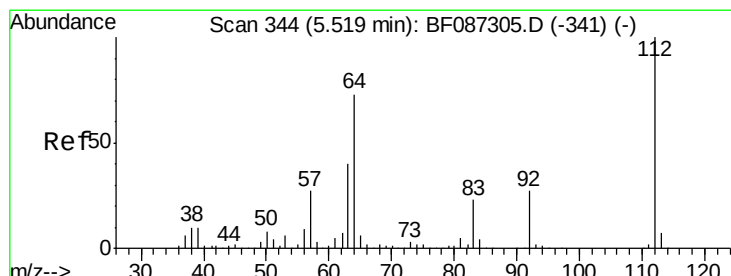
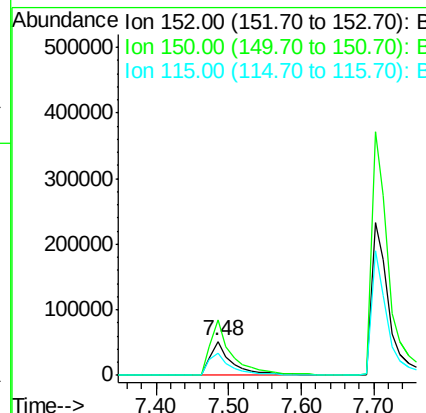
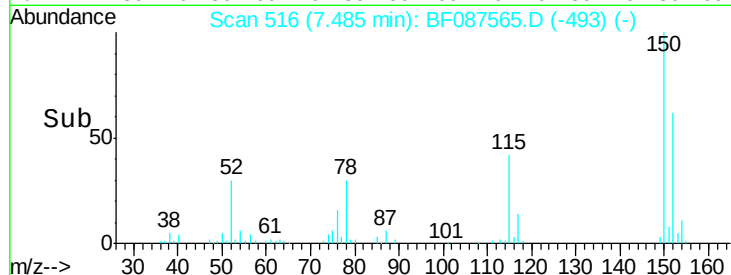
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion:152 Resp: 111556
Ion Ratio Lower Upper
152 100
150 160.0 125.8 188.6
115 66.5 51.5 77.3



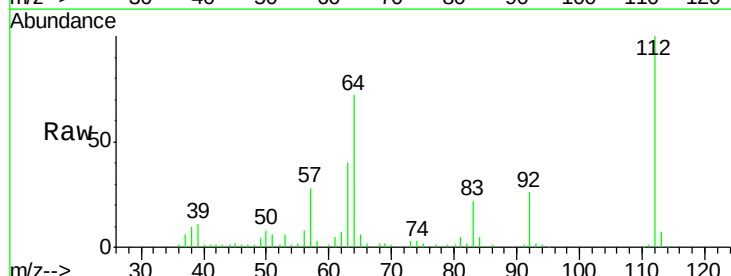
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



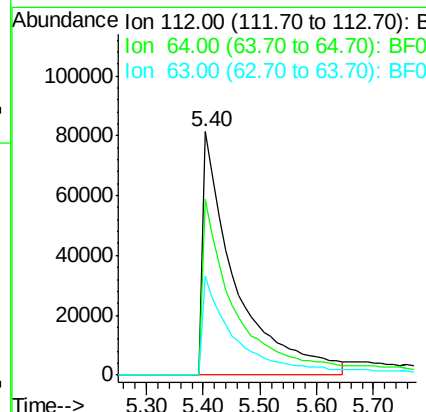
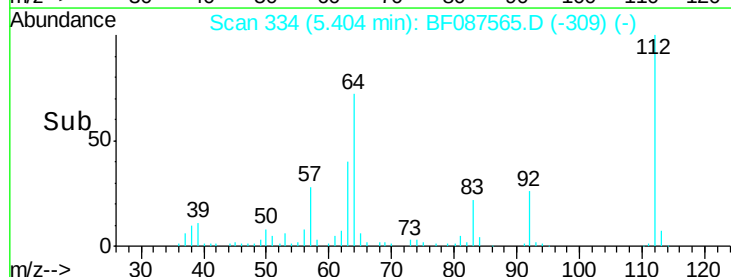
#5

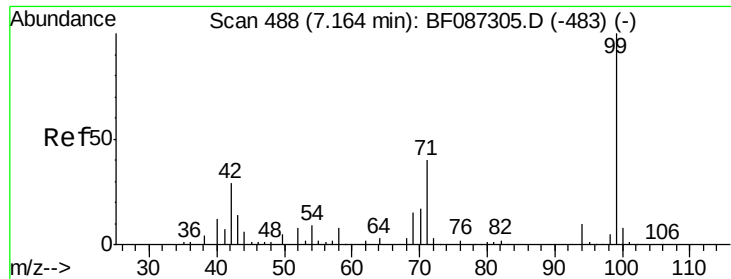
2-Fluorophenol
Concen: 50.56 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.01 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Tgt Ion:112 Resp: 321013
Ion Ratio Lower Upper
112 100
64 72.1 52.1 78.1
63 40.4 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





#7

Phenol-d6

Concen: 28.08 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087565.D

Acq: 30 May 2016 23:54

Instrument :

BNA_F

ClientSampled :

MW-38

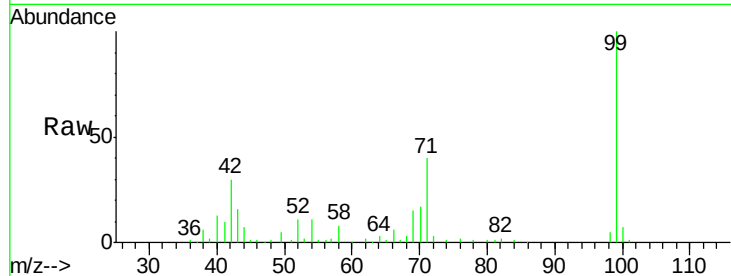
Tgt Ion: 99 Resp: 240906

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

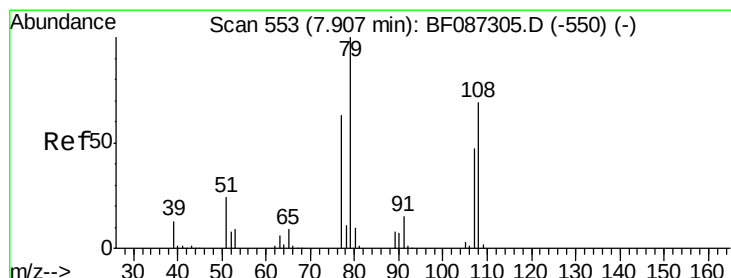
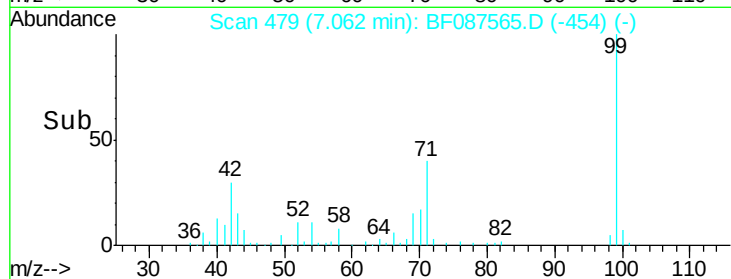
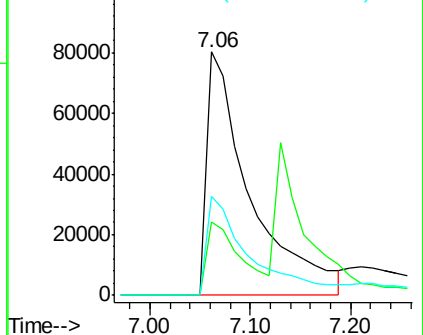
71 40.4 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.11 min

Lab File: BF087565.D

Acq: 30 May 2016 23:54

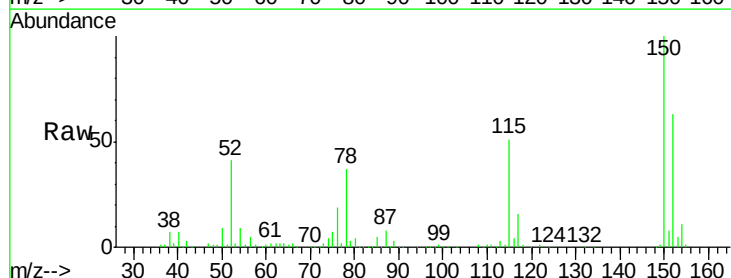
Tgt Ion: 79 Resp: 13422

Ion Ratio Lower Upper

79 100

108 29.3 68.4 102.6#

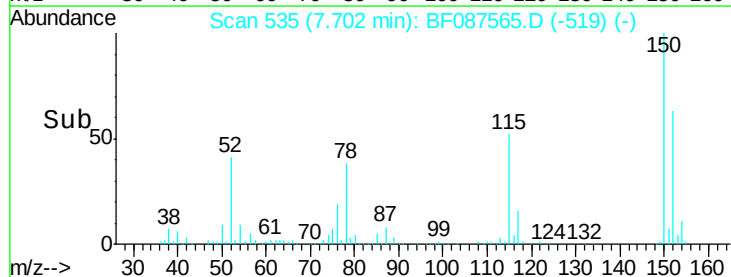
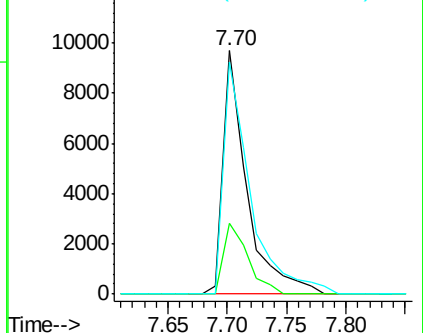
77 95.6 50.6 76.0#

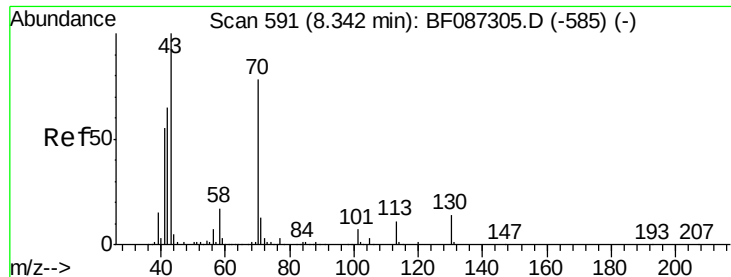


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

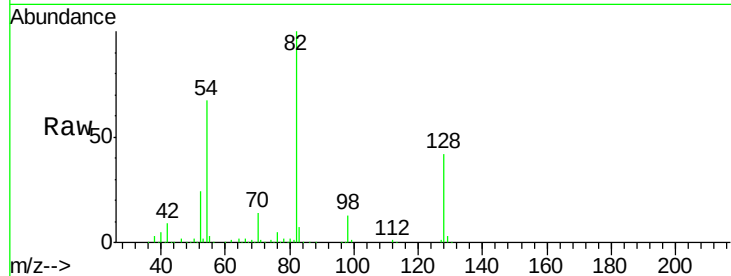




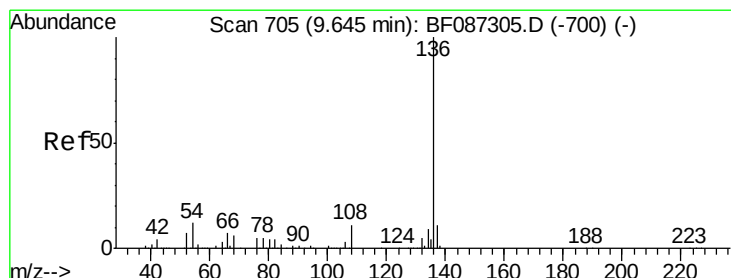
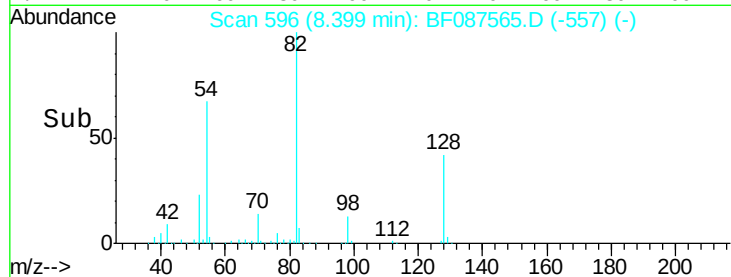
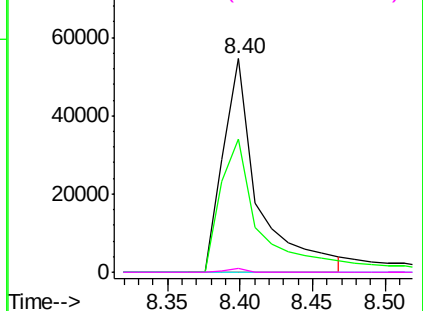
#19
n-Nitroso-di-n-propylamine
Concen: 14.40 ng
RT: 8.40 min Scan# 596
Delta R.T. 0.15 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion: 70 Resp: 92156
Ion Ratio Lower Upper
70 100
42 62.3 43.1 64.7
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#

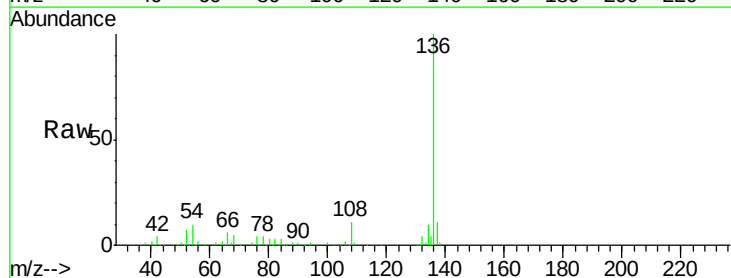


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

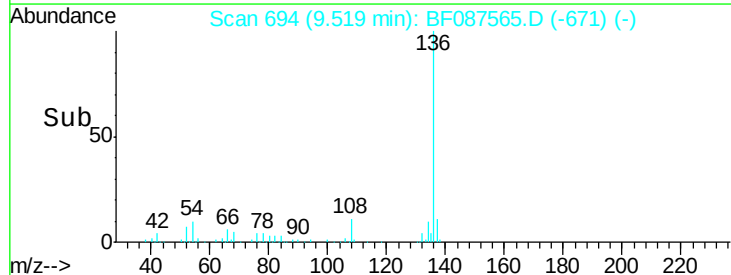
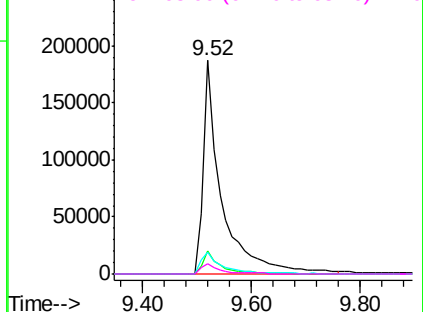


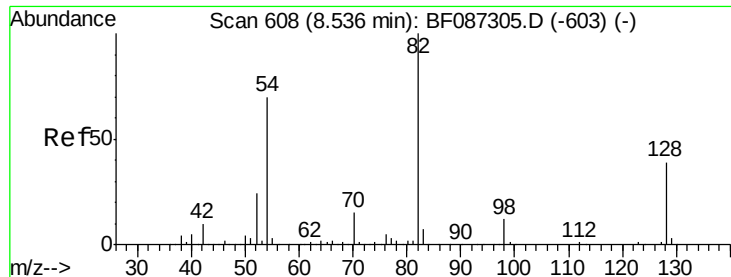
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Tgt Ion: 136 Resp: 440843
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.4 5.0 7.4#
68 5.0 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: 87.53 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF087565.D

Acq: 30 May 2016 23:54

Instrument :

BNA_F

ClientSampleId :

MW-38

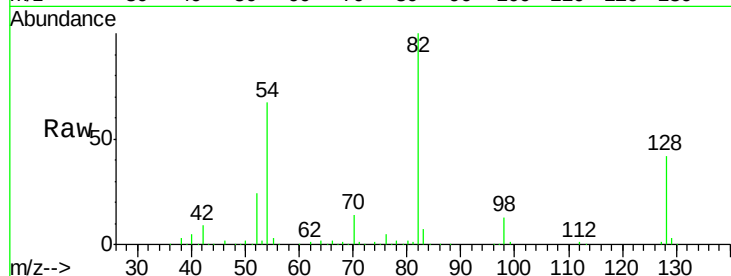
Tgt Ion: 82 Resp: 765635

Ion Ratio Lower Upper

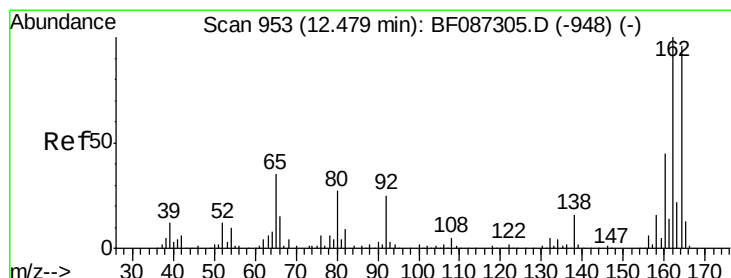
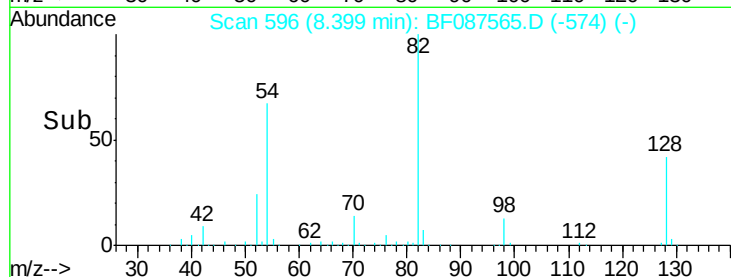
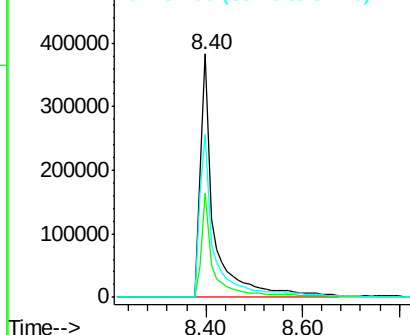
82 100

128 42.5 40.6 61.0

54 67.0 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: 12.34 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF087565.D

Acq: 30 May 2016 23:54

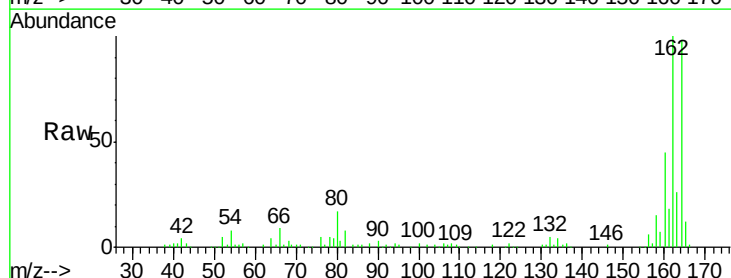
Tgt Ion: 164 Resp: 212930

Ion Ratio Lower Upper

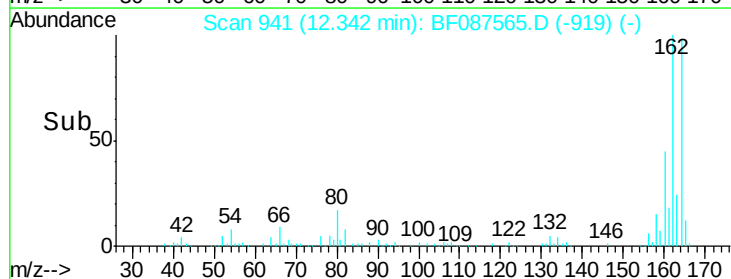
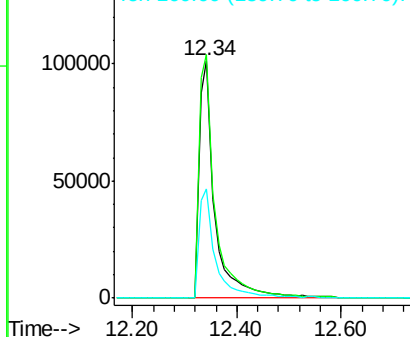
164 100

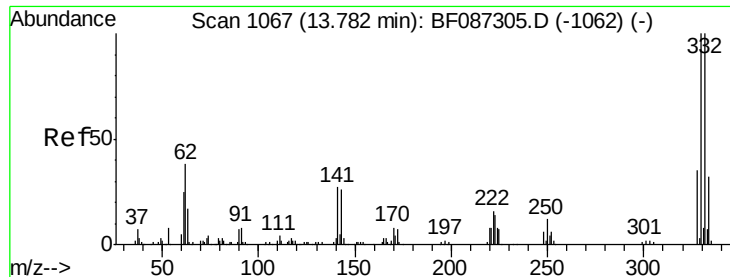
162 102.5 82.8 124.2

160 45.8 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





#41

2,4,6-Tribromophenol

Concen: 118.98 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087565.D

Acq: 30 May 2016 23:54

Instrument :

BNA_F

ClientSampleId :

MW-38

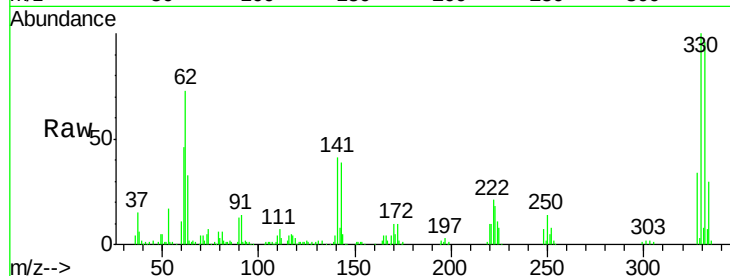
Tgt Ion:330 Resp: 243460

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

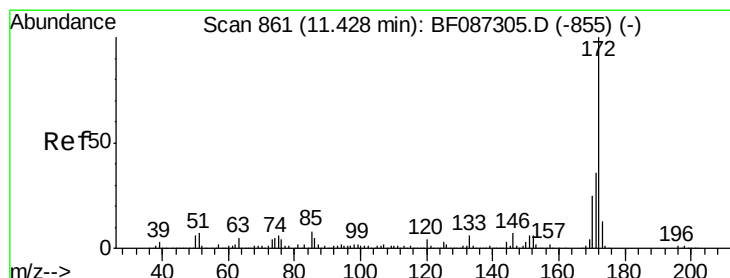
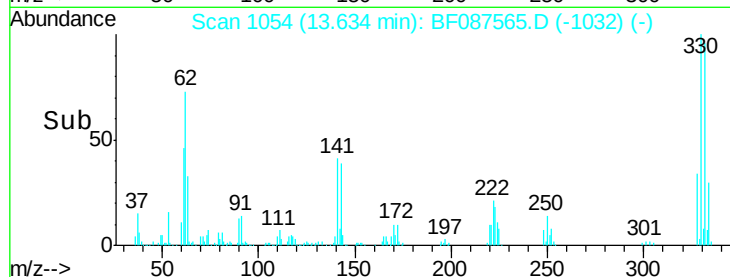
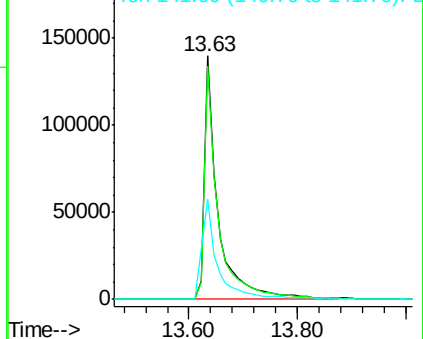
141 48.3 31.2 46.8#



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



#44

2-Fluorobiphenyl

Concen: 85.12 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.06 min

Lab File: BF087565.D

Acq: 30 May 2016 23:54

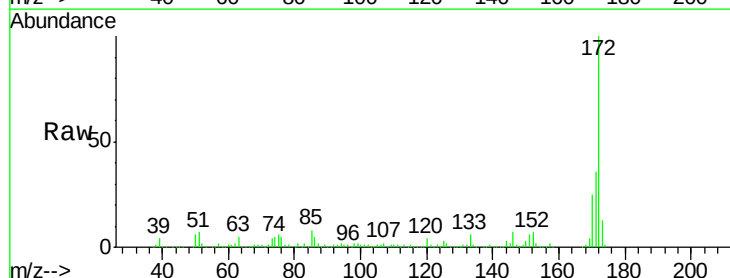
Tgt Ion:172 Resp: 1285659

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

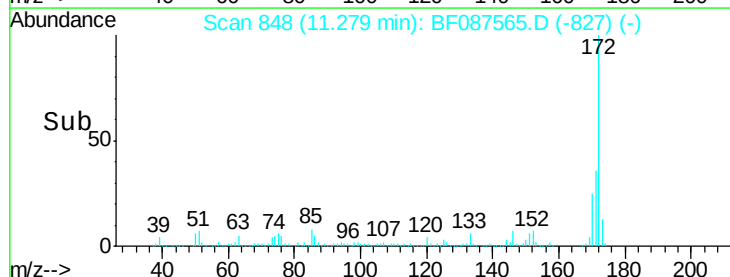
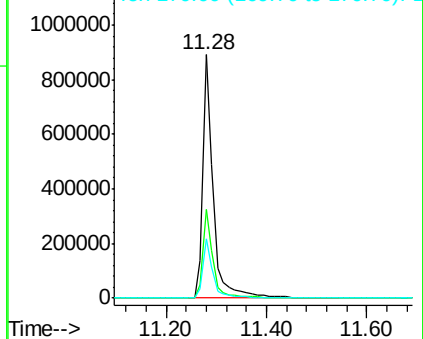
170 24.6 19.8 29.8

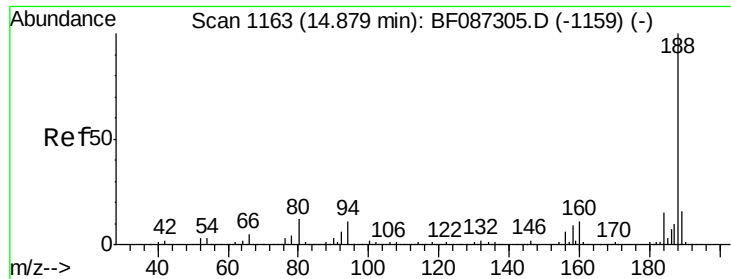


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

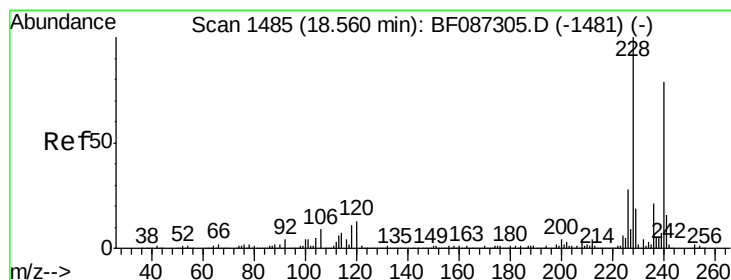
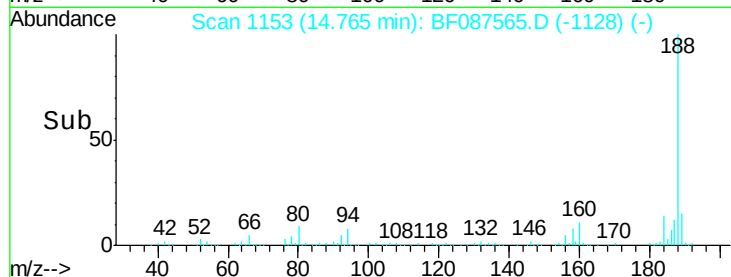
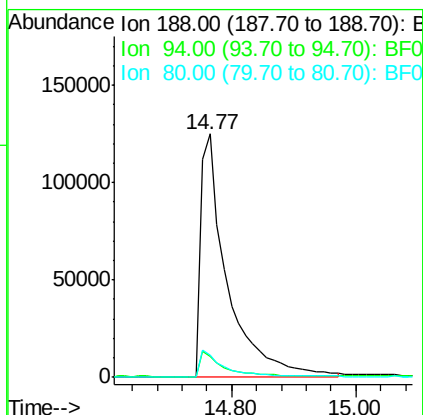
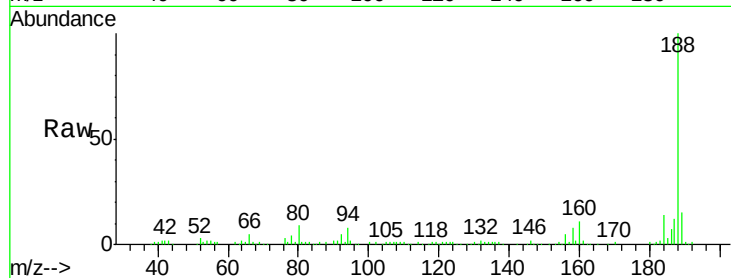




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

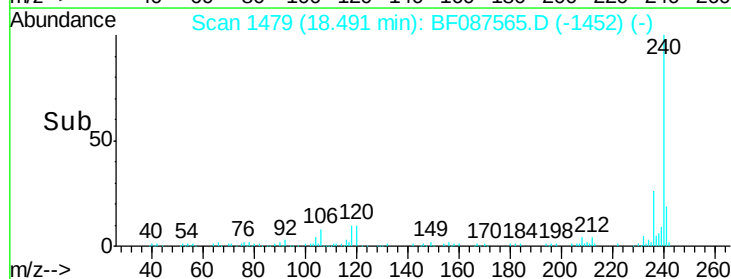
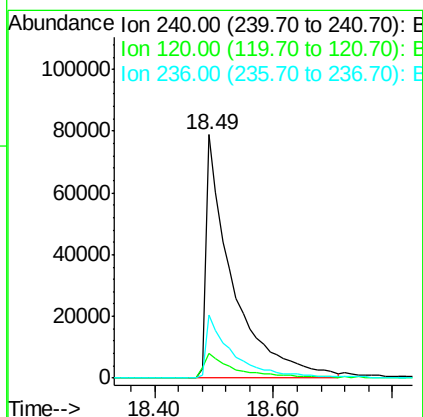
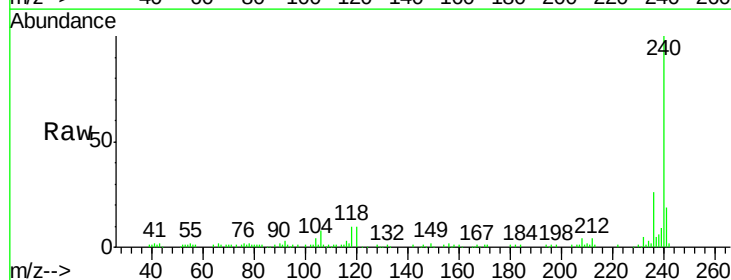
Instrument :
BNA_F
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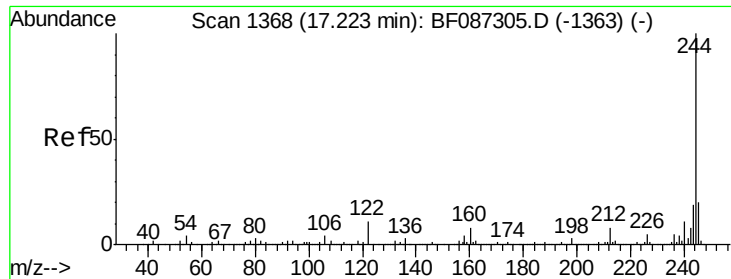
Tgt Ion:188 Resp: 371788
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.2 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Tgt Ion:240 Resp: 244801
Ion Ratio Lower Upper
240 100
120 10.3 11.2 16.8#
236 25.8 21.2 31.8





#78

Terphenyl-d14

Concen: 100.51 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087565.D

Acq: 30 May 2016 23:54

Instrument :

BNA_F

ClientSampleId :

MW-38

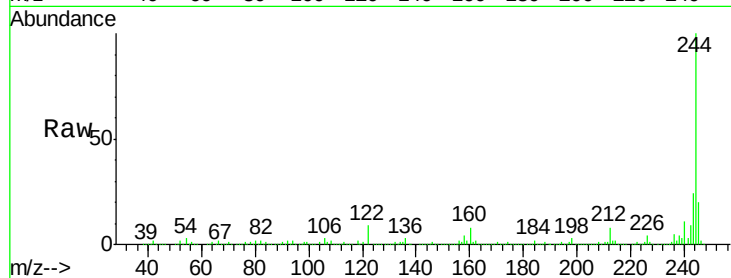
Tgt Ion:244 Resp: 1157390

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

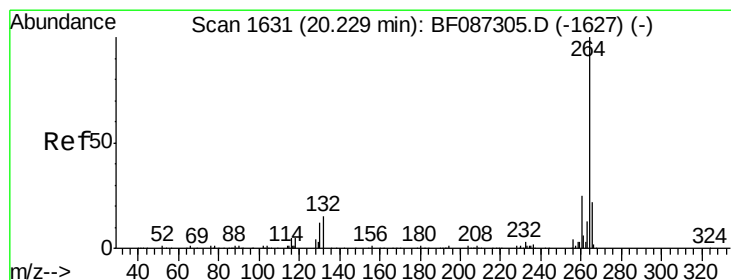
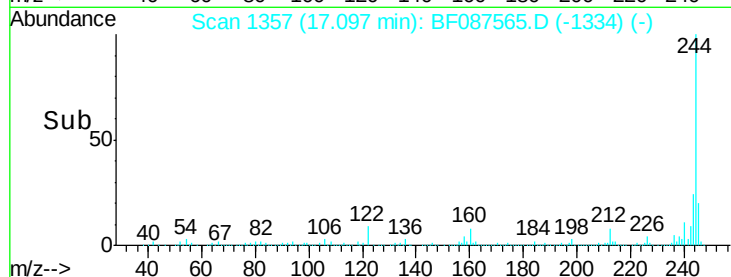
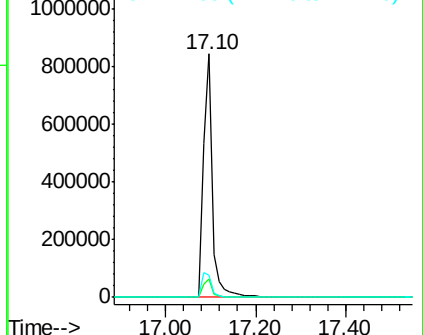
122 9.2 12.0 18.0#



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: 20.18 min Scan# 1627

Delta R.T. 0.05 min

Lab File: BF087565.D

Acq: 30 May 2016 23:54

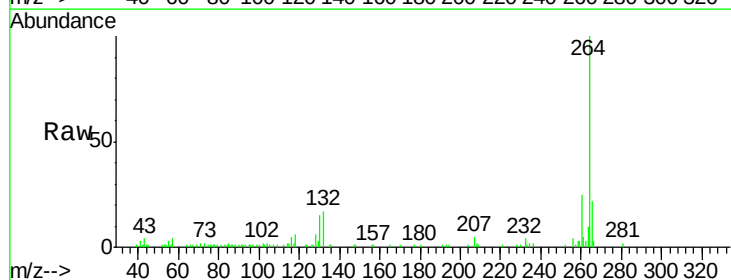
Tgt Ion:264 Resp: 201736

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.9 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

