

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087503.D
 Acq On : 29 May 2016 4:53
 Operator : UM/SJ
 Sample : H3272-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: May 31 18:57:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 04:10:04 2016
 Response via : Initial Calibration

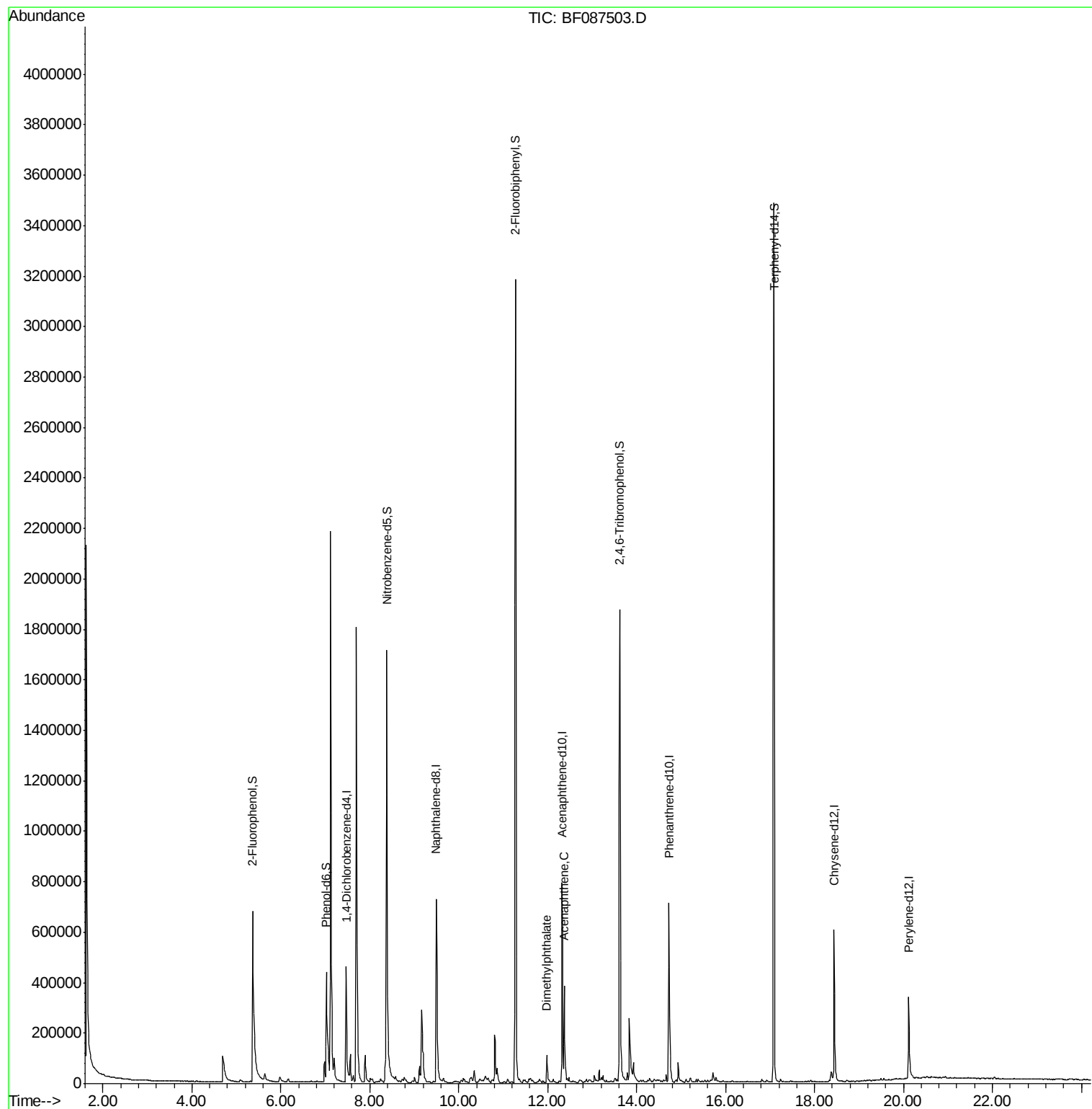
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	121187	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	481556	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	218015	20.00	ng	-0.01
63) Phenanthrene-d10	14.73	188	411884	20.00	ng	0.00
75) Chrysene-d12	18.43	240	303705	20.00	ng	0.00
86) Perylene-d12	20.11	264	211864	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	382777	55.50	ng	0.01
7) Phenol-d6	7.03	99	323958	34.76	ng	-0.01
23) Nitrobenzene-d5	8.39	82	818159	85.63	ng	-0.01
41) 2,4,6-Tribromophenol	13.62	330	278741	133.05	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1288404	83.31	ng	-0.01
78) Terphenyl-d14	17.09	244	1259246	88.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.98	163	57404	3.29	ng	Qvalue 100
51) Acenaphthene	12.38	154	121504	8.89	ng	98

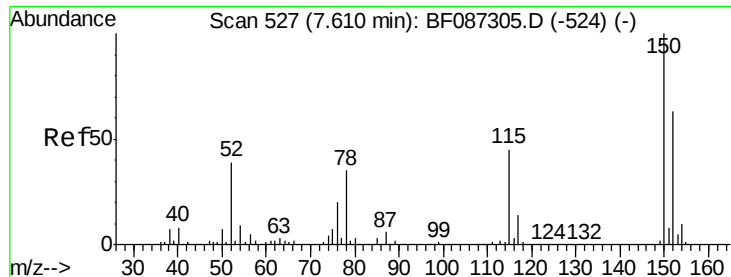
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF087503.D

Acq: 29 May 2016 4:53

Instrument :

BNA_F

ClientSampleId :

MW-6

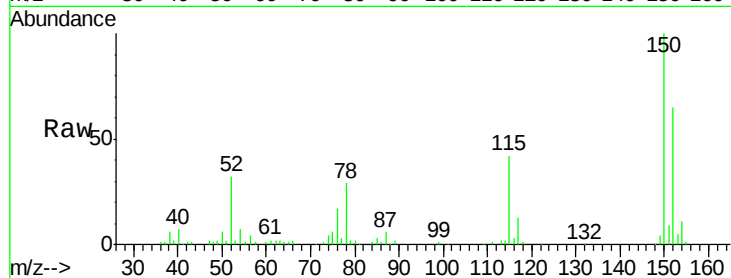
Tgt Ion:152 Resp: 121187

Ion Ratio Lower Upper

152 100

150 154.9 125.8 188.6

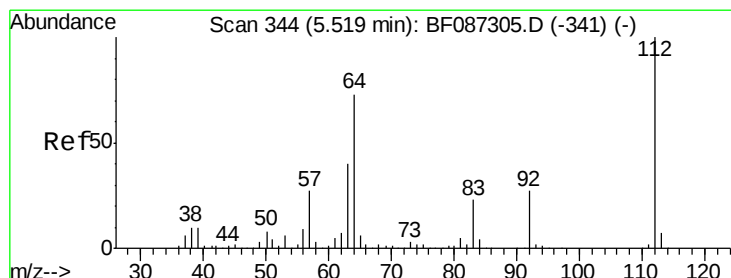
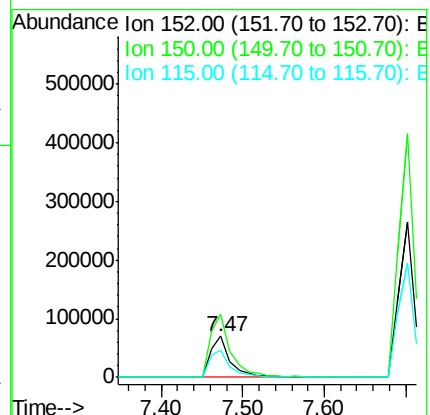
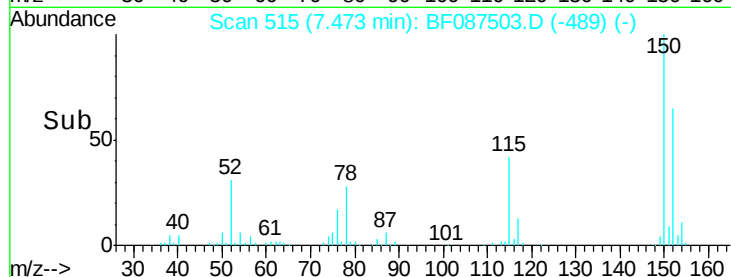
115 65.0 51.5 77.3



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: 55.50 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.01 min

Lab File: BF087503.D

Acq: 29 May 2016 4:53

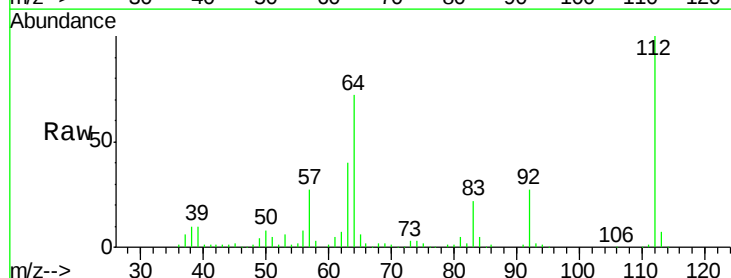
Tgt Ion:112 Resp: 382777

Ion Ratio Lower Upper

112 100

64 72.0 52.1 78.1

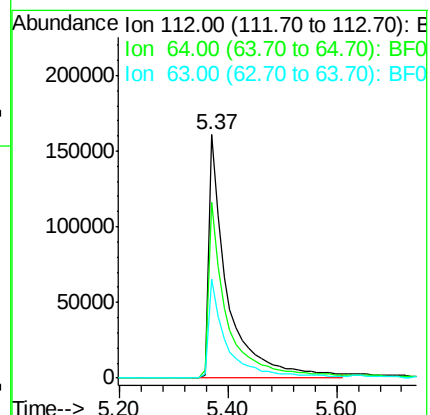
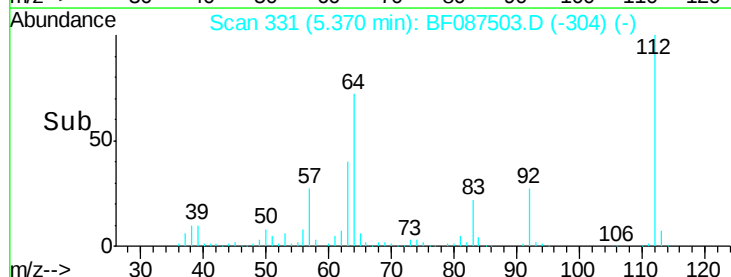
63 40.4 25.7 38.5#

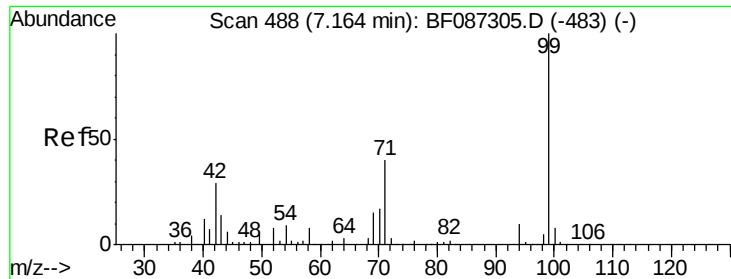


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.76 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087503.D

Acq: 29 May 2016 4:53

Instrument :

BNA_F

ClientSampleId :

MW-6

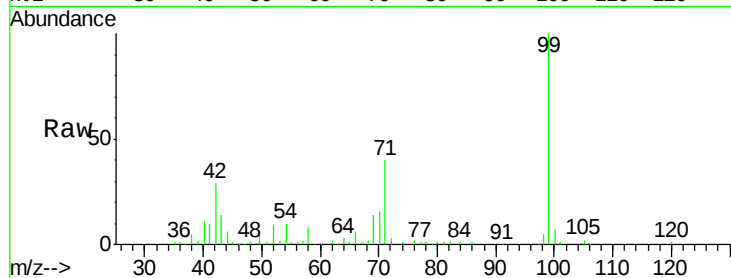
Tgt Ion: 99 Resp: 323958

Ion Ratio Lower Upper

99 100

42 29.1 13.6 20.4#

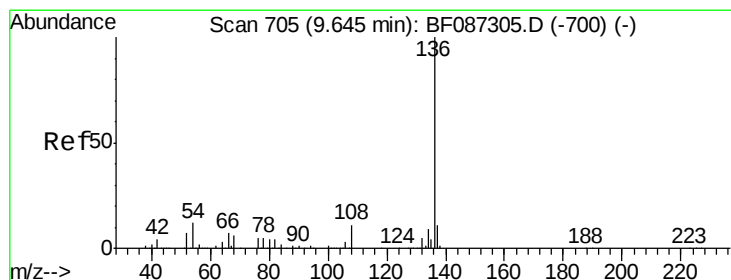
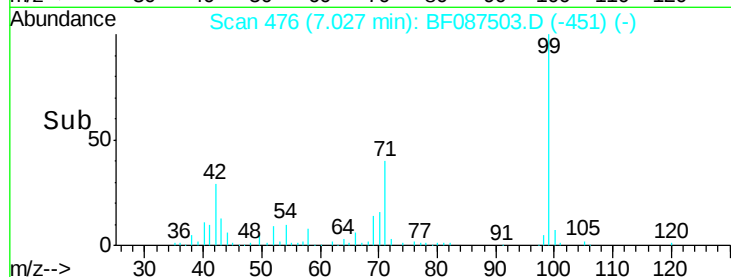
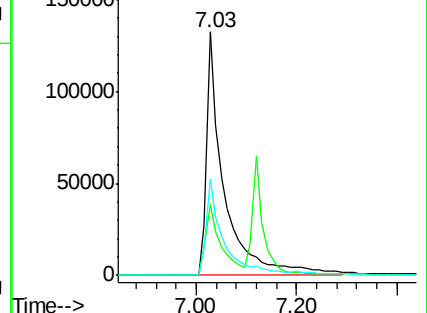
71 39.7 24.6 36.8#



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: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087503.D

Acq: 29 May 2016 4:53

Tgt Ion: 136 Resp: 481556

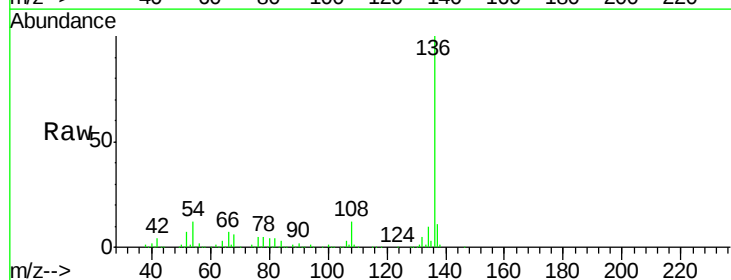
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.7 5.0 7.4#

68 5.9 4.4 6.6

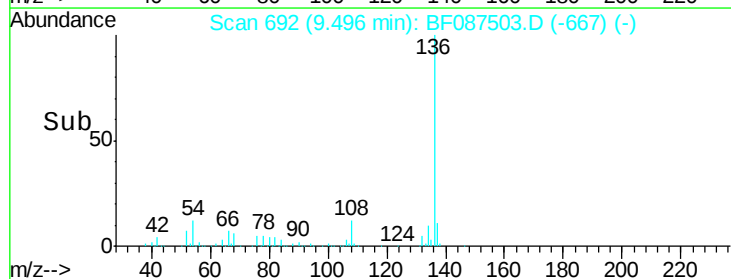
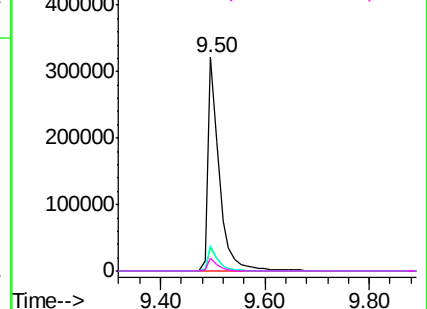


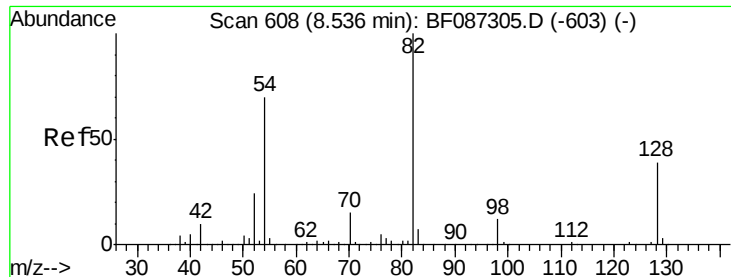
Abundance Ion 136.00 (135.70 to 136.70): E

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

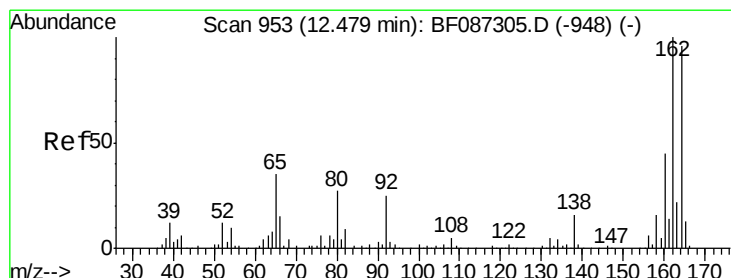
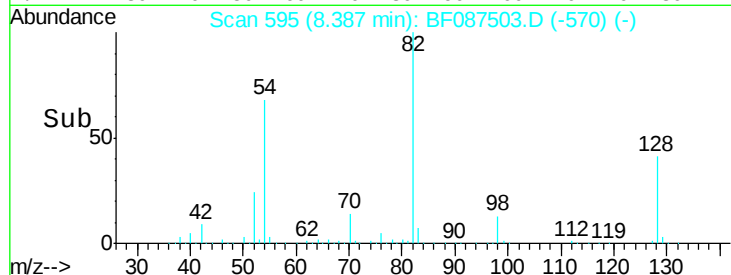
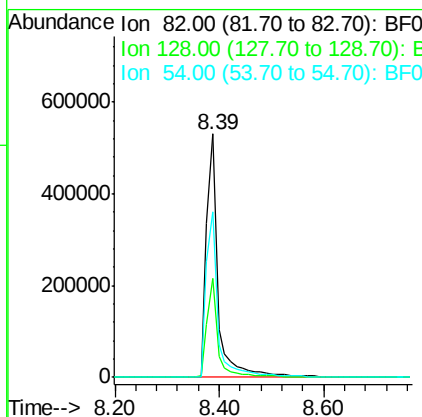
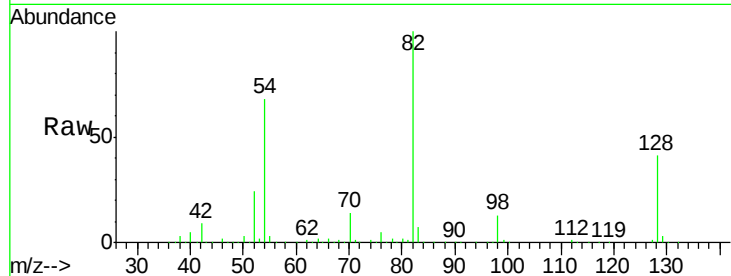




#23
 Nitrobenzene-d5
 Concen: 85.63 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087503.D
 Acq: 29 May 2016 4:53

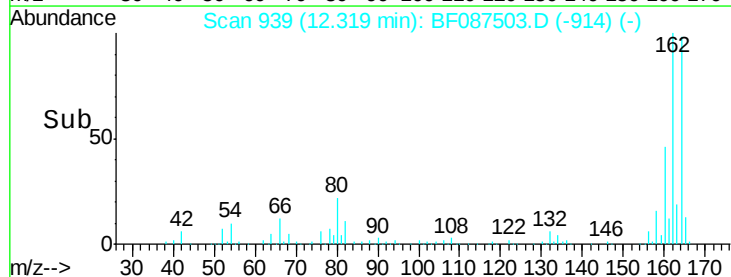
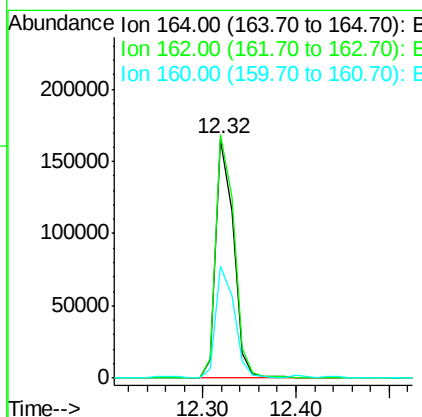
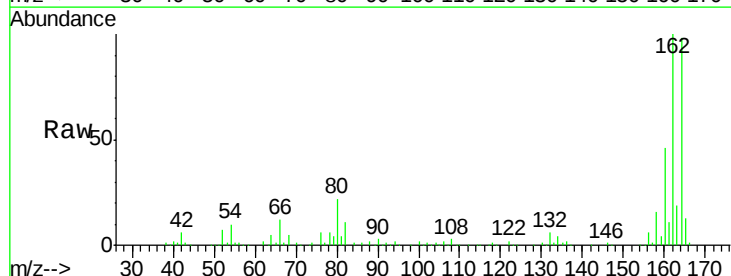
Instrument :
 BNA_F
 ClientSampleId :
 MW-6

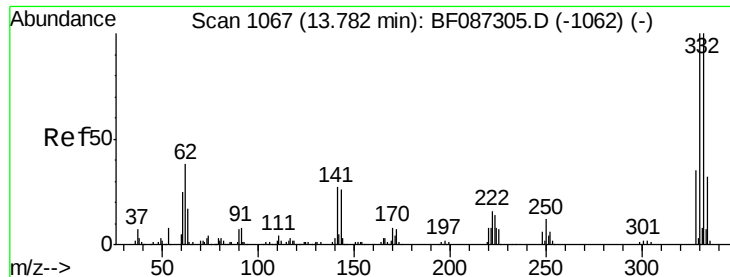
Tgt Ion: 82 Resp: 818159
 Ion Ratio Lower Upper
 82 100
 128 40.8 40.6 61.0
 54 67.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF087503.D
 Acq: 29 May 2016 4:53

Tgt Ion: 164 Resp: 218015
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.8 124.2
 160 46.6 36.9 55.3

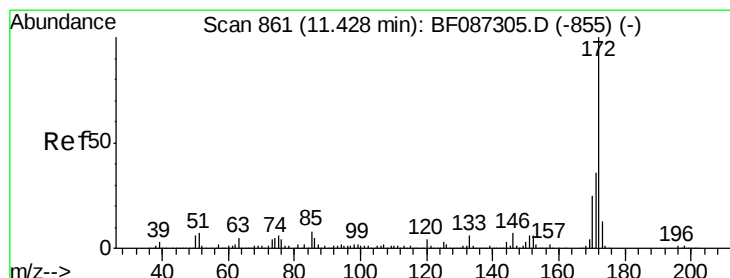
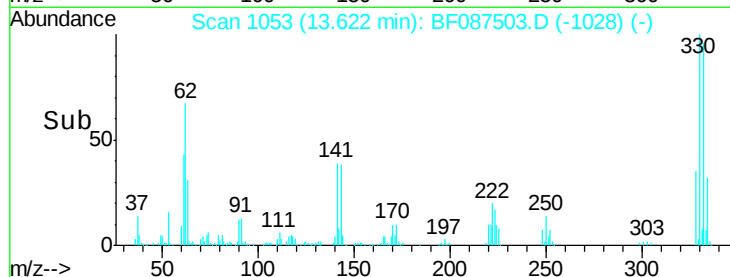
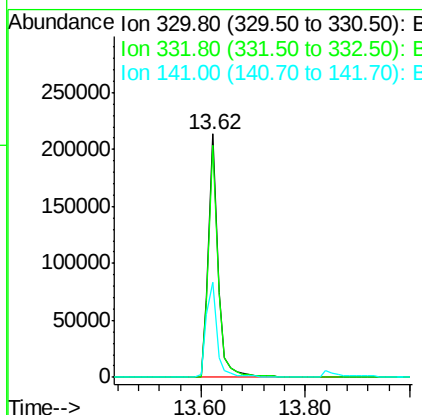
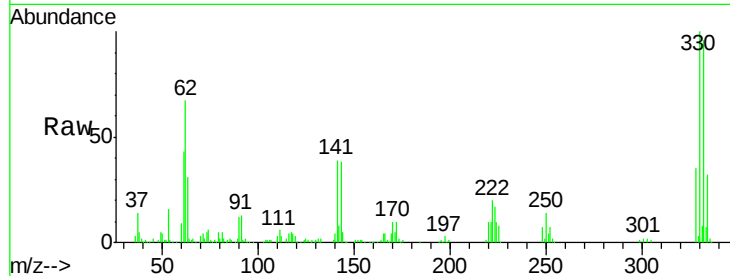




#41
 2,4,6-Tribromophenol
 Concen: 133.05 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087503.D
 Acq: 29 May 2016 4:53

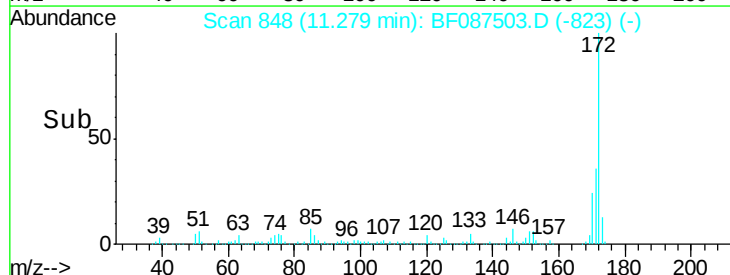
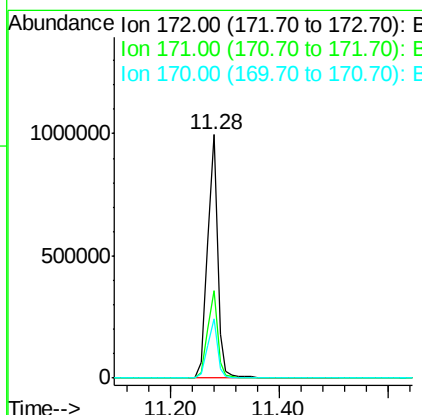
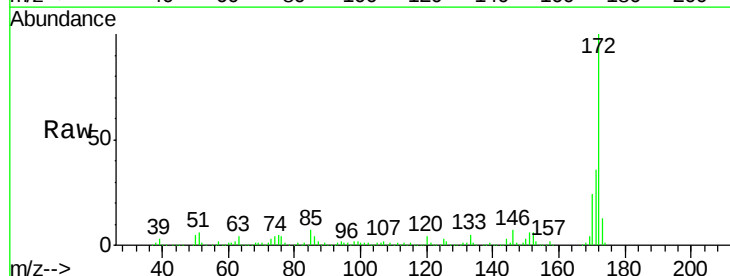
Instrument :
 BNA_F
 ClientSampled :
 MW-6

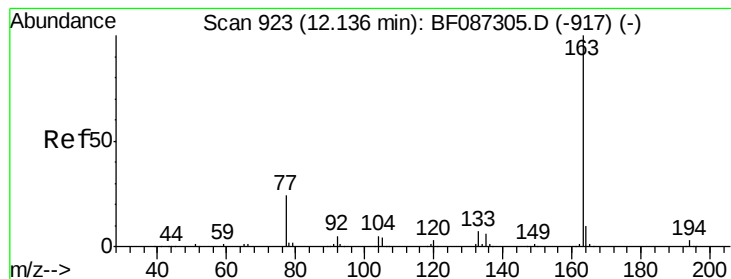
Tgt Ion:330 Resp: 278741
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.0 118.4
 141 43.8 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 83.31 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087503.D
 Acq: 29 May 2016 4:53

Tgt Ion:172 Resp: 1288404
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.4 19.8 29.8





#49

Dimethylphthalate

Concen: 3.29 ng

RT: 11.98 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF087503.D

Acq: 29 May 2016 4:53

Instrument :

BNA_F

ClientSampleId :

MW-6

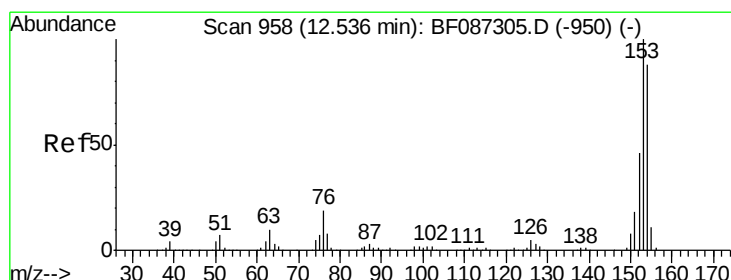
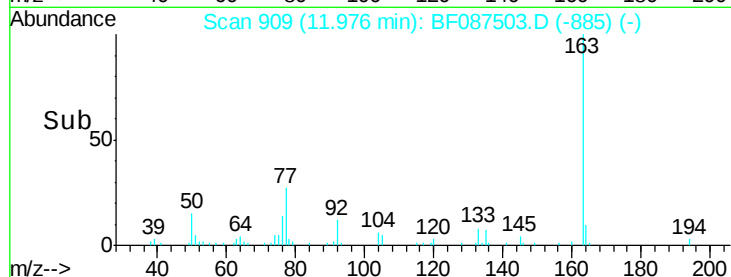
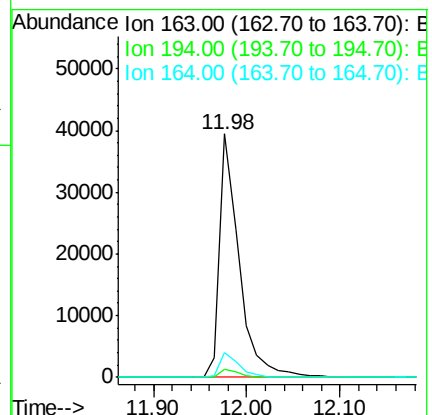
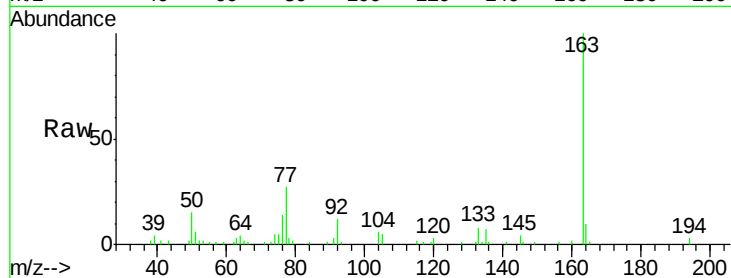
Tgt Ion:163 Resp: 57404

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

164 10.2 8.2 12.4



#51

Acenaphthene

Concen: 8.89 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087503.D

Acq: 29 May 2016 4:53

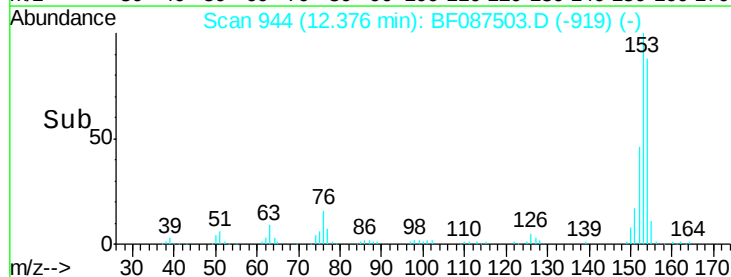
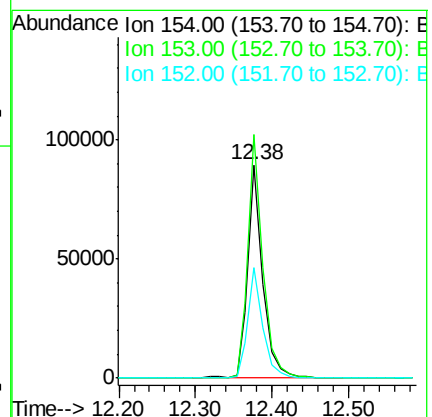
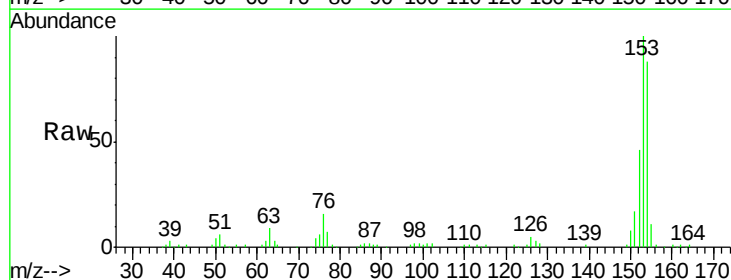
Tgt Ion:154 Resp: 121504

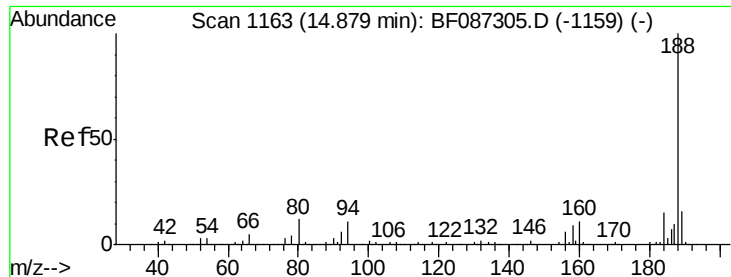
Ion Ratio Lower Upper

154 100

153 114.1 89.8 134.6

152 52.0 43.4 65.0

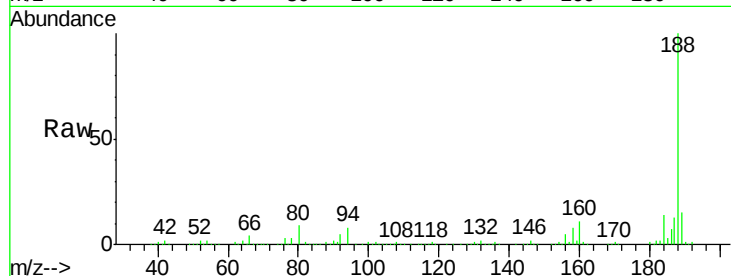




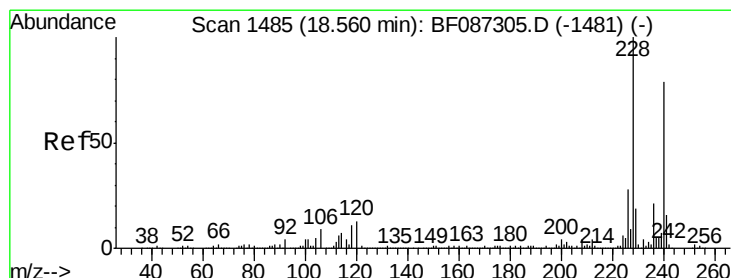
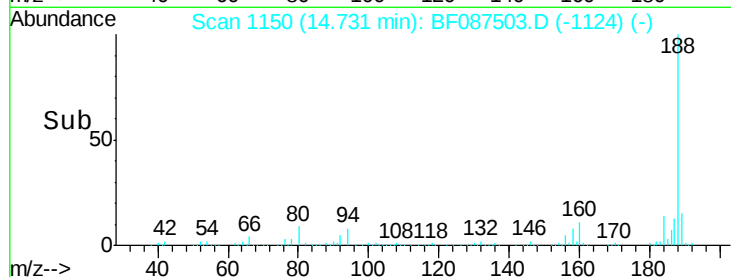
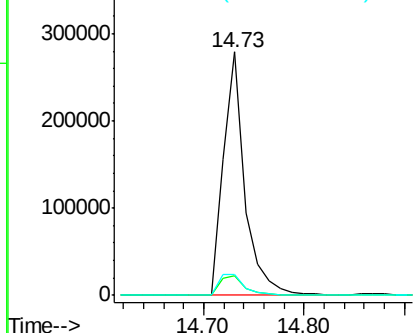
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF087503.D
Acq: 29 May 2016 4:53

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:188 Resp: 411884
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.6 7.1 10.7

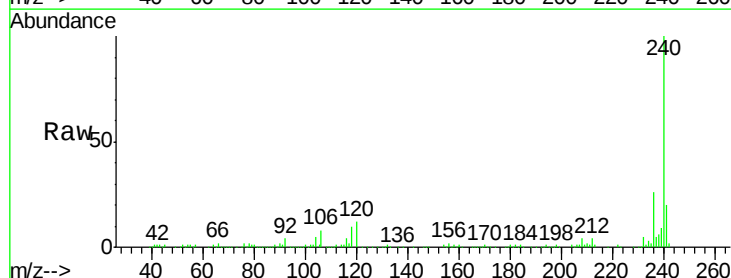


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

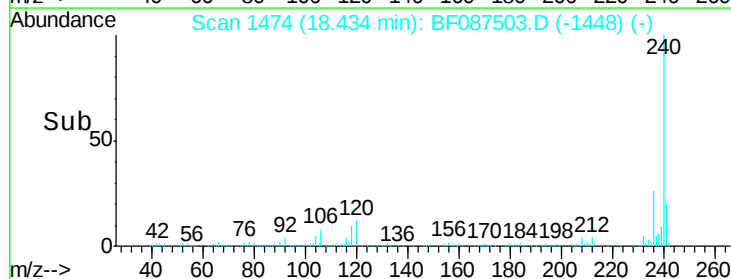
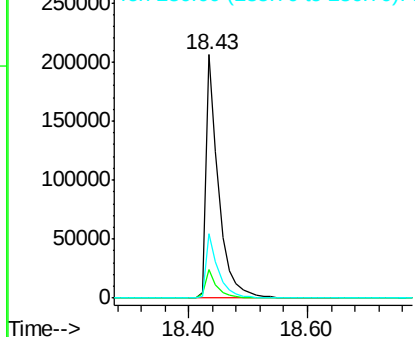


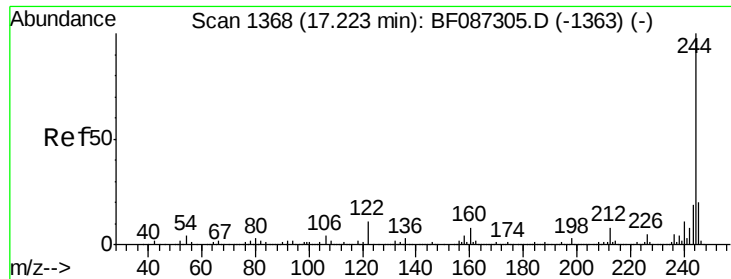
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF087503.D
Acq: 29 May 2016 4:53

Tgt Ion:240 Resp: 303705
Ion Ratio Lower Upper
240 100
120 11.5 11.2 16.8
236 26.4 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: 88.15 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF087503.D

Acq: 29 May 2016 4:53

Instrument :

BNA_F

ClientSampled :

MW-6

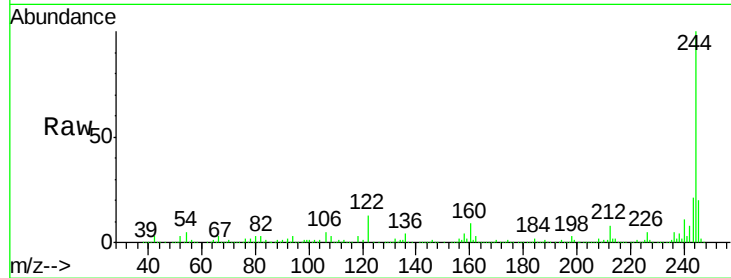
Tgt Ion:244 Resp: 1259246

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

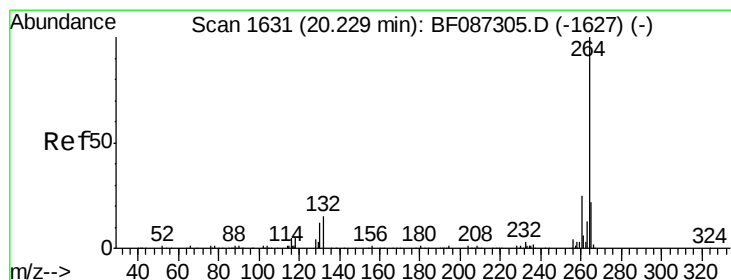
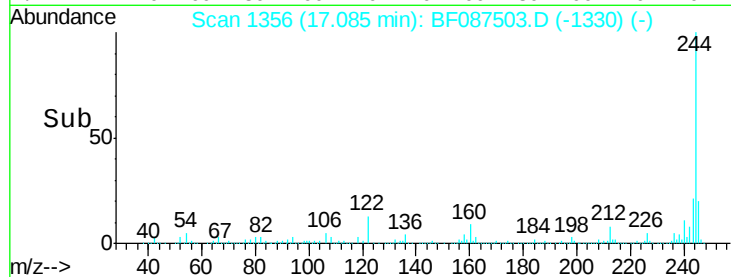
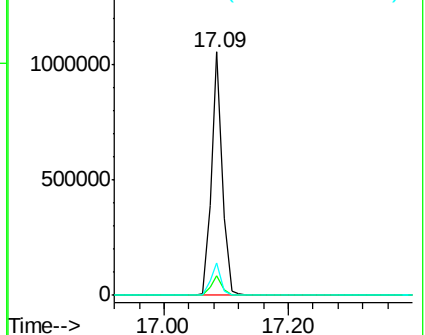
122 13.3 12.0 18.0



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: 20.11 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF087503.D

Acq: 29 May 2016 4:53

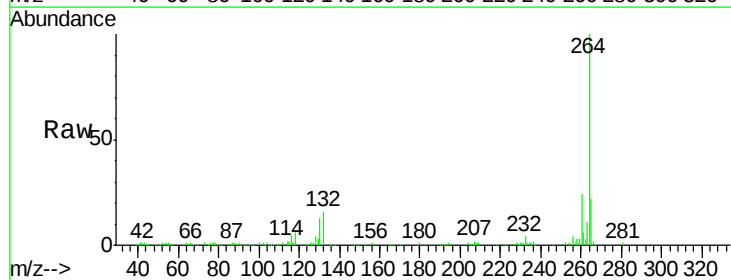
Tgt Ion:264 Resp: 211864

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.5 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

