

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
 Data File : BF086615.D
 Acq On : 2 May 2016 14:06
 Operator : UM/SJ
 Sample : H2716-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-4(0-12FTBGS)

Quant Time: May 03 01:26:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

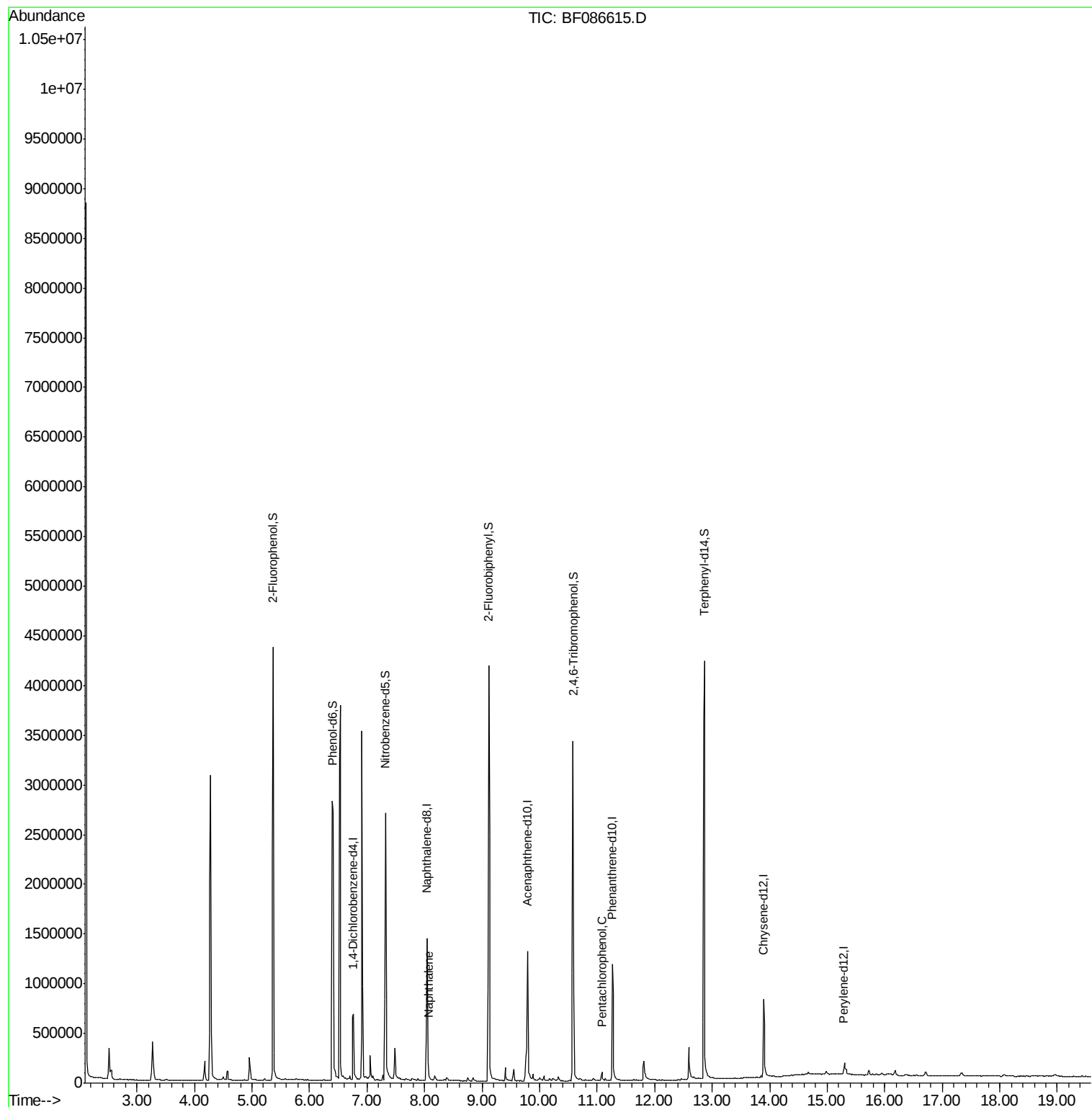
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	156921	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	690228	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	228008	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	604215	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	303639	20.00	ng	-0.07
86) Perylene-d12	15.29	264	5274	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1235662	135.82	ng	-0.02
7) Phenol-d6	6.41	99	1361504	107.23	ng	-0.03
23) Nitrobenzene-d5	7.32	82	1039169	81.15	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	459021	190.90	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1800257	165.75	ng	-0.06
78) Terphenyl-d14	12.87	244	1888187	137.00	ng	-0.05
Target Compounds						
31) Naphthalene	8.06	128	85355	2.43	ng	98
69) Pentachlorophenol	11.08	266	15437	4.06	ng	96

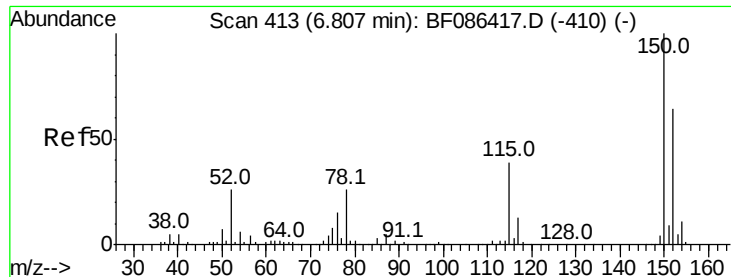
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086615.D

Acq: 2 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-4(0-12FTBGS)

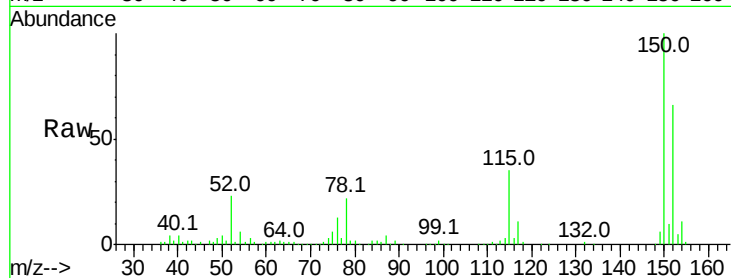
Tot Ion:152 Resp: 156921

Ion Ratio Lower Upper

152 100

150 152.3 125.8 188.6

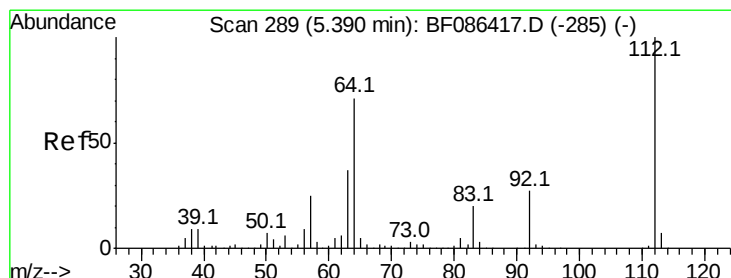
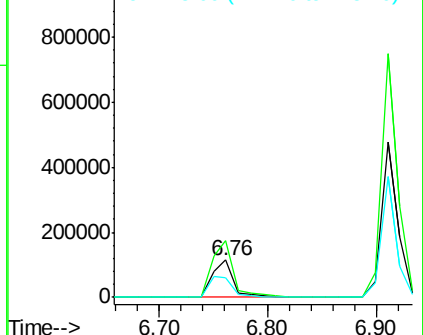
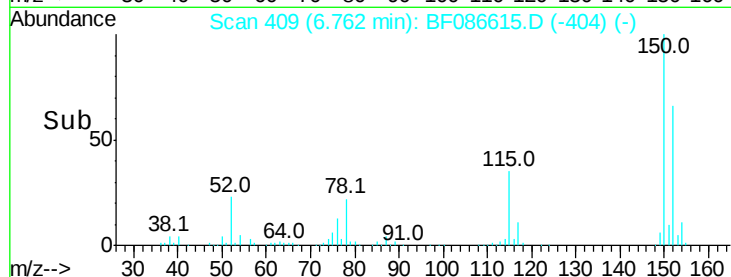
115 53.8 51.5 77.3



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: 135.82 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086615.D

Acq: 2 May 2016 14:06

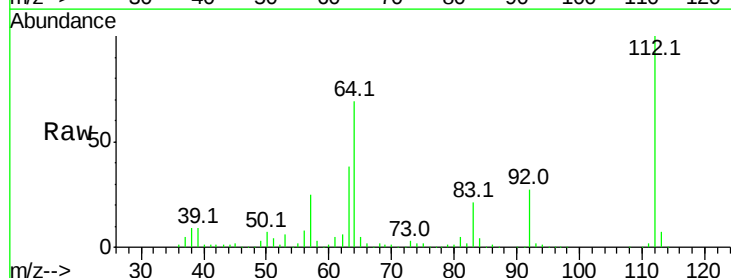
Tgt Ion:112 Resp: 1235662

Ion Ratio Lower Upper

112 100

64 69.1 52.1 78.1

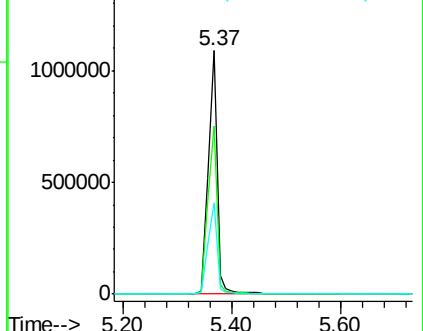
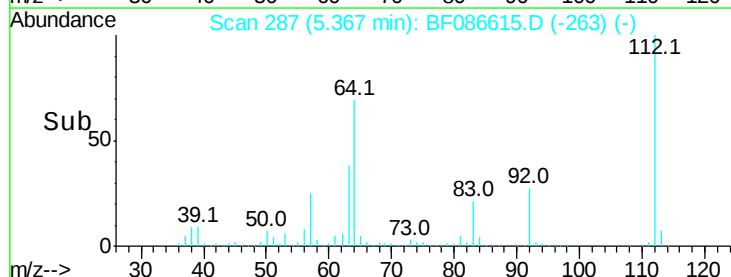
63 37.5 25.7 38.5

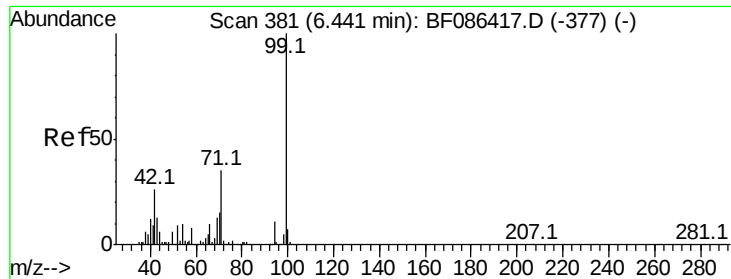


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.23 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086615.D

Acq: 2 May 2016 14:06

Instrument :

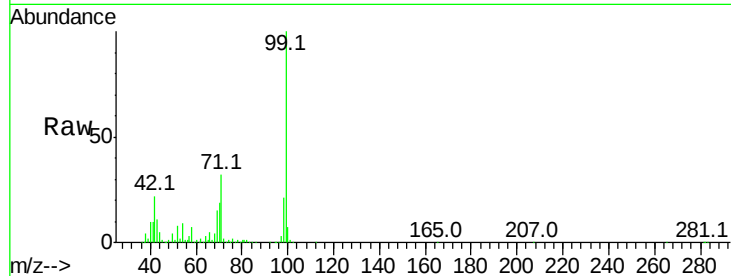
BNA_F

ClientSampleId :

26WARD-3-CS-4(0-12FTBGS)

Tot Ion: 99 Resp: 1361504

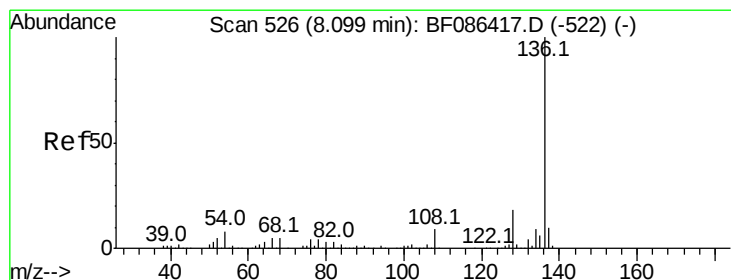
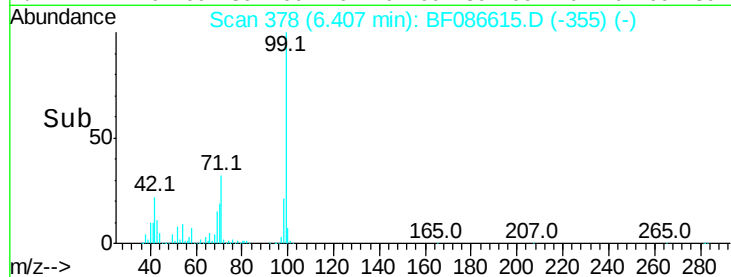
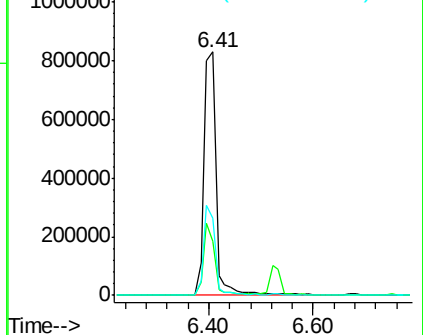
Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.6	20.4#
71	31.7	24.6	36.8



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: 8.04 min Scan# 521

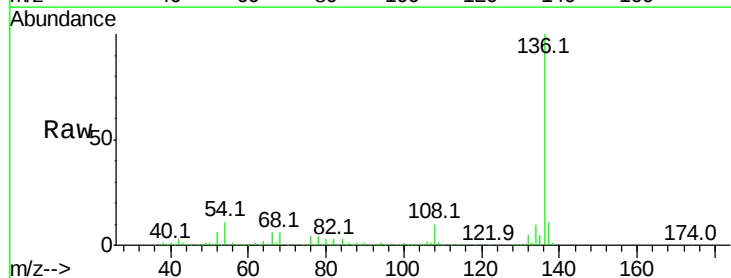
Delta R.T. -0.06 min

Lab File: BF086615.D

Acq: 2 May 2016 14:06

Tgt Ion: 136 Resp: 690228

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.9	5.0	7.4#
68	6.4	4.4	6.6

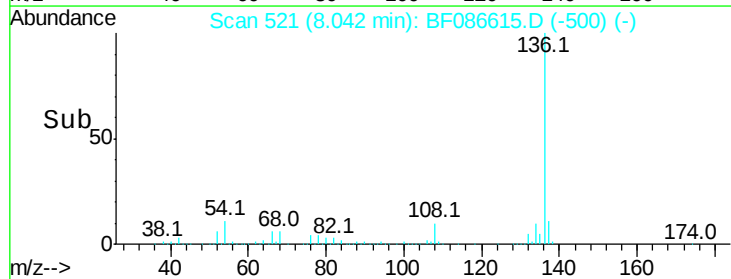
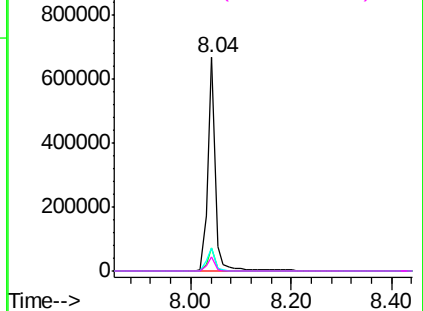


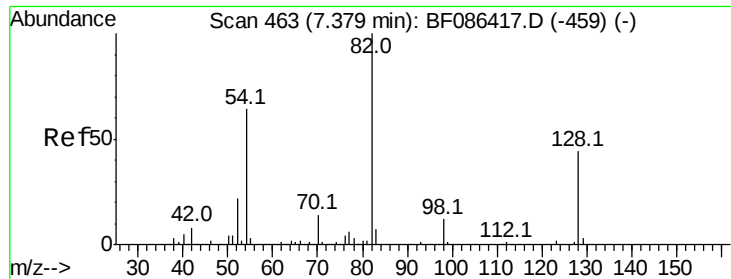
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.15 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.06 min

Lab File: BF086615.D

Acq: 2 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-4(0-12FTBGS)

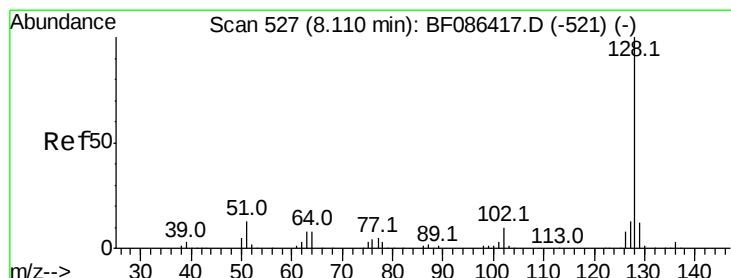
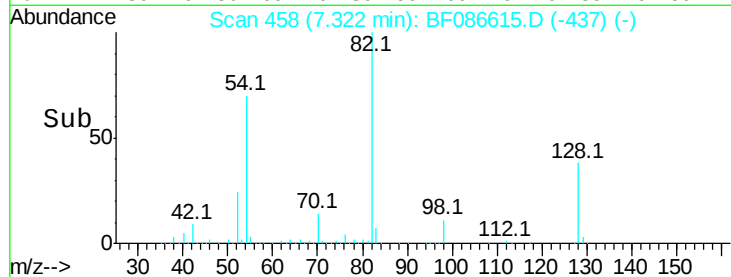
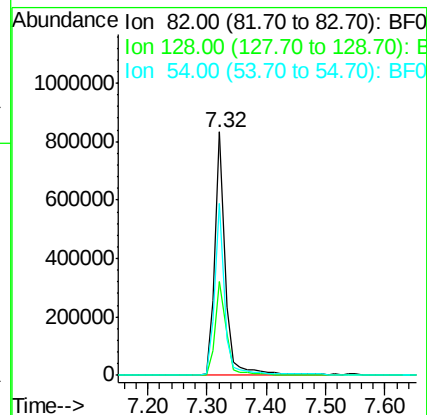
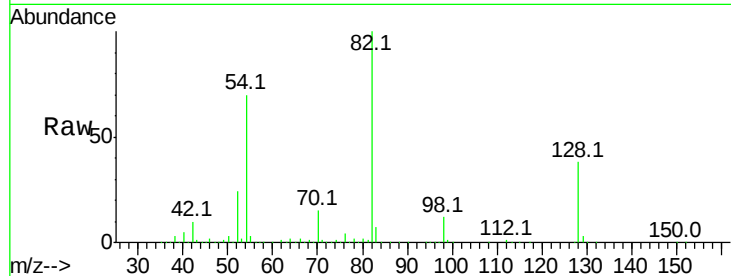
Tot Ion: 82 Resp: 1039169

Ion Ratio Lower Upper

82 100

128 38.5 40.6 61.0#

54 70.4 38.1 57.1#



#31

Naphthalene

Concen: 2.43 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF086615.D

Acq: 2 May 2016 14:06

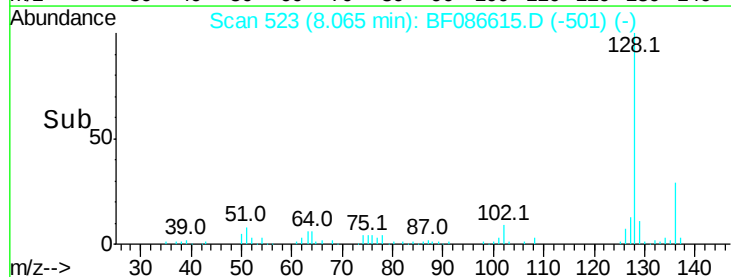
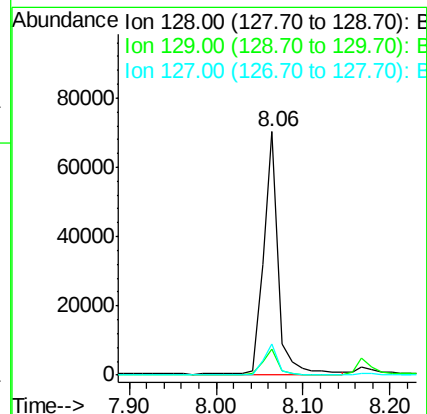
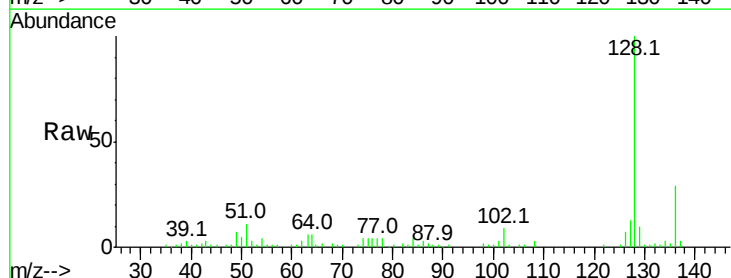
Tgt Ion: 128 Resp: 85355

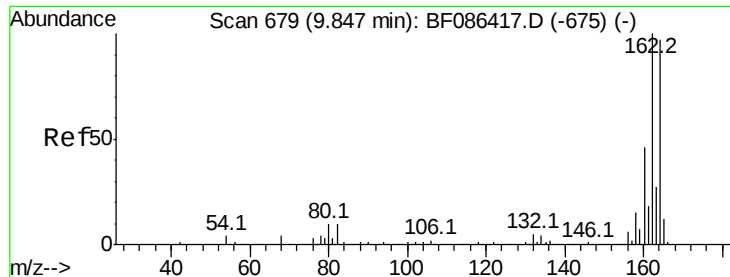
Ion Ratio Lower Upper

128 100

129 10.4 8.6 13.0

127 12.6 10.8 16.2

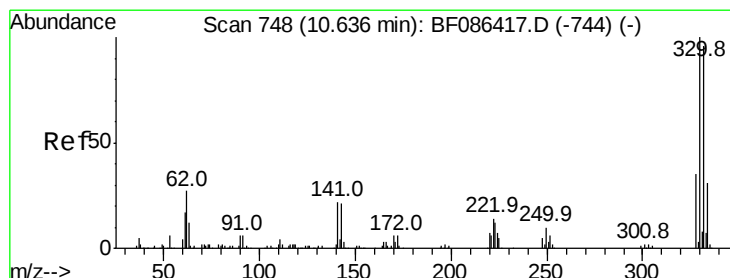
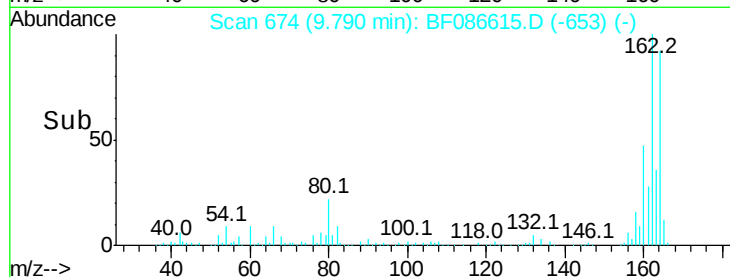
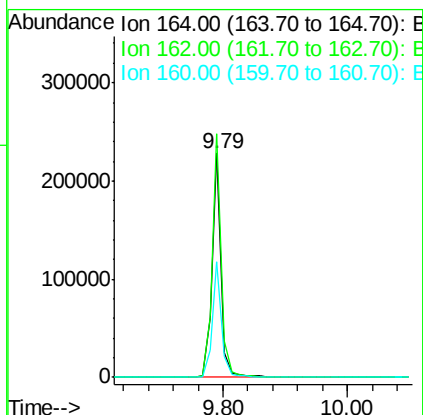
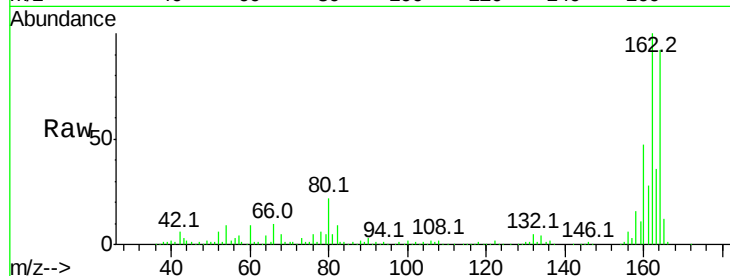




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086615.D
 Acq: 2 May 2016 14:06

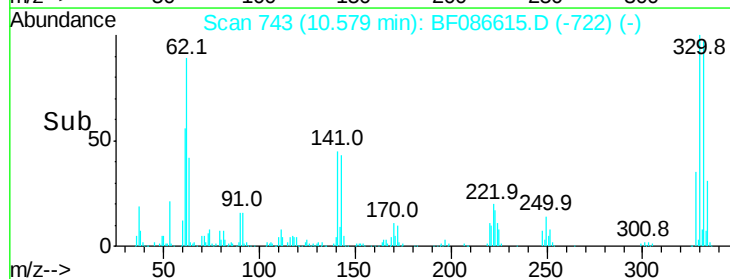
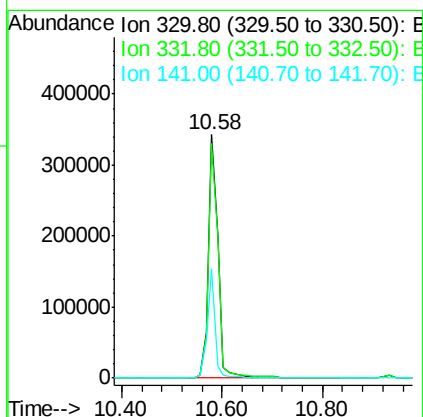
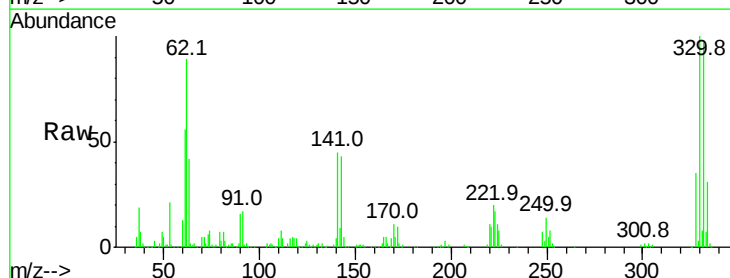
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-4(0-12FTBGS)

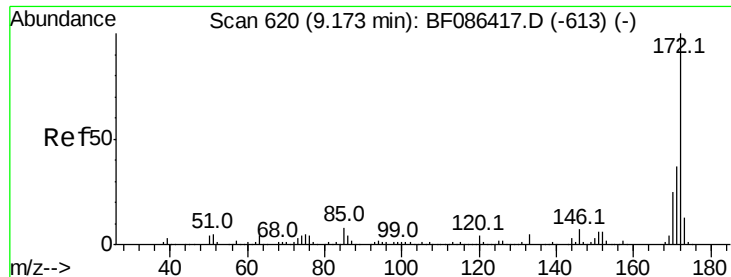
Tot Ion	Ratio	Lower	Upper
164	100		
162	108.5	82.8	124.2
160	51.3	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 190.90 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086615.D
 Acq: 2 May 2016 14:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	36.6	31.2	46.8



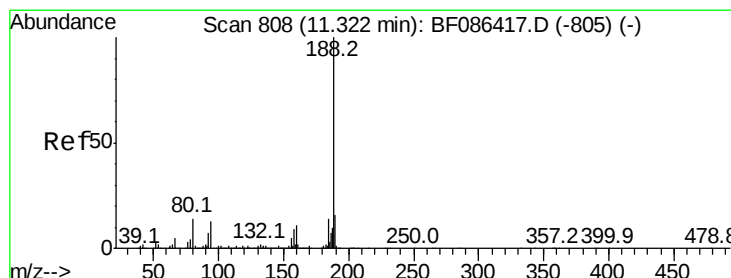
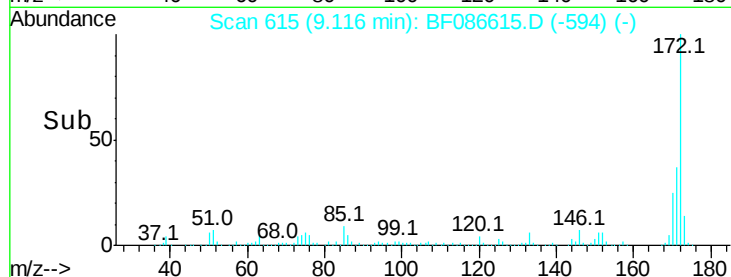
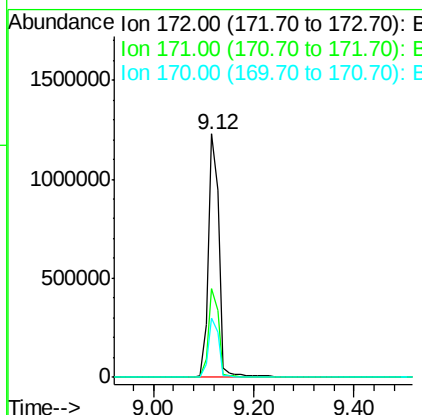
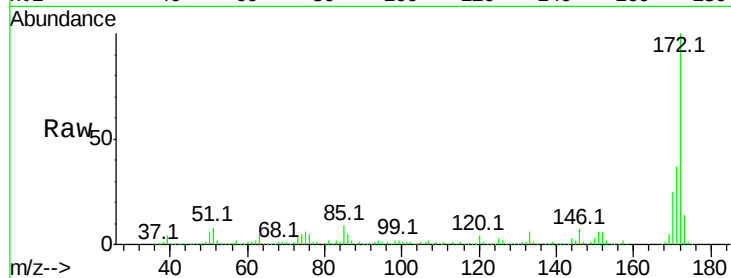


#44
 2-Fluorobiphenyl
 Concen: 165.75 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086615.D
 Acq: 2 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-4(0-12FTBGS)

Tot Ion:172 Resp: 1800257

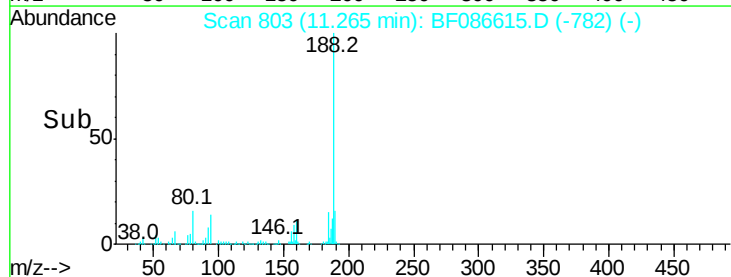
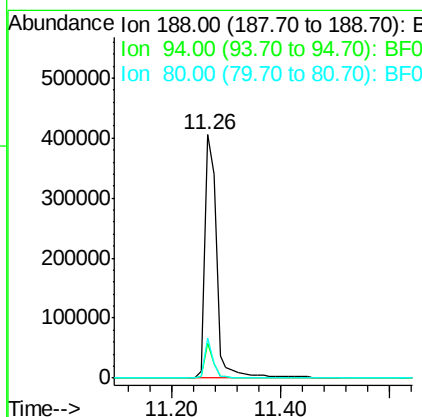
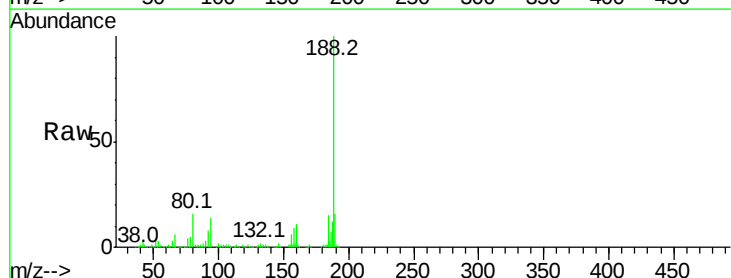
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.6	19.8	29.8

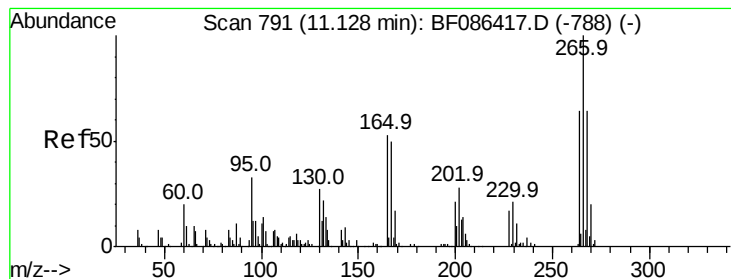


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086615.D
 Acq: 2 May 2016 14:06

Tgt Ion:188 Resp: 604215

Ion	Ratio	Lower	Upper
188	100		
94	14.1	6.8	10.2#
80	16.3	7.1	10.7#





#69

Pentachlorophenol

Concen: 4.06 ng

RT: 11.08 min Scan# 787

Delta R.T. -0.05 min

Lab File: BF086615.D

Acq: 2 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-4(0-12FTBGS)

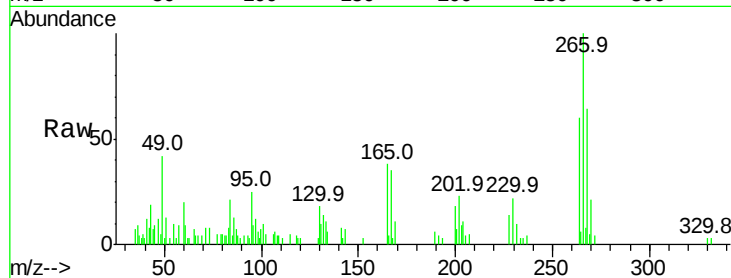
Tot Ion:266 Resp: 15437

Ion Ratio Lower Upper

266 100

268 63.8 51.5 77.3

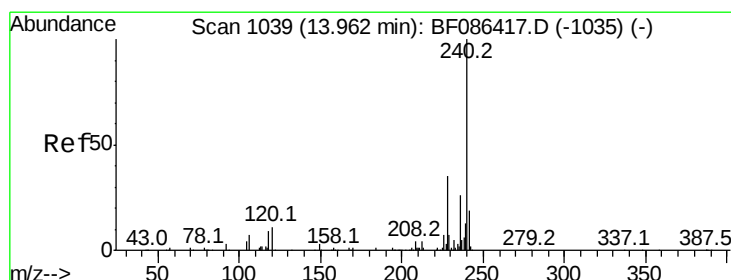
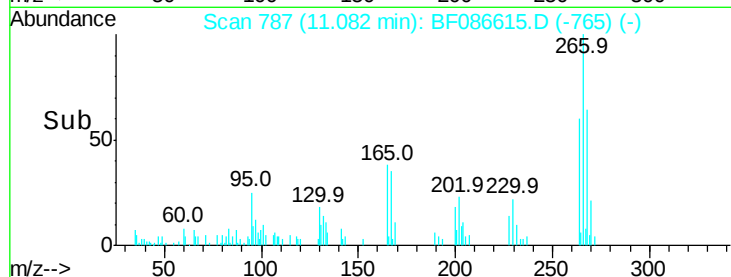
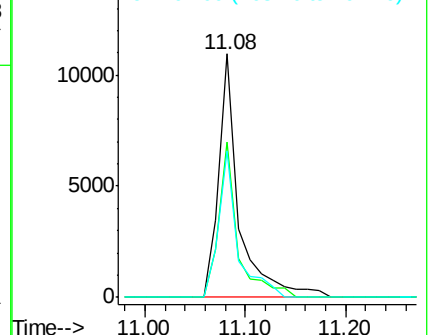
264 60.3 52.9 79.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086615.D

Acq: 2 May 2016 14:06

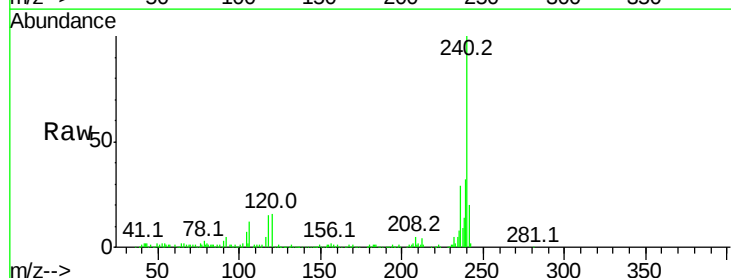
Tgt Ion:240 Resp: 303639

Ion Ratio Lower Upper

240 100

120 16.2 11.2 16.8

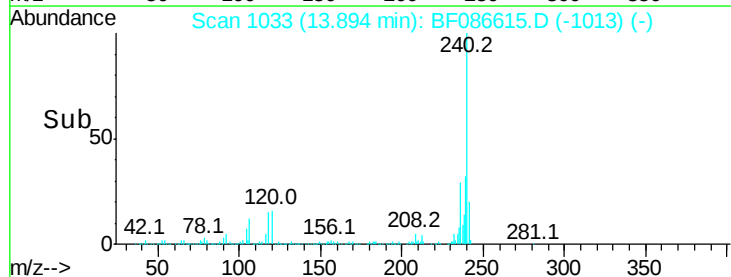
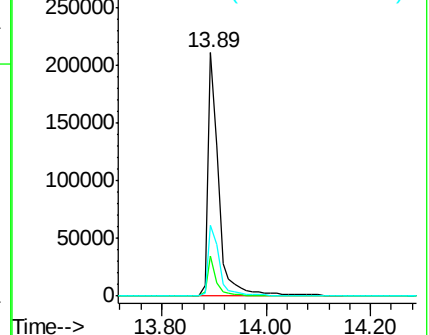
236 29.0 21.2 31.8

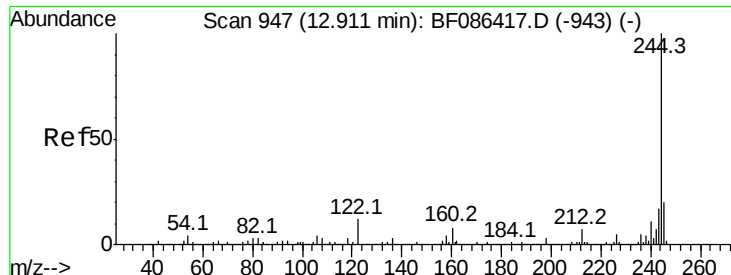


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 137.00 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086615.D

Acq: 2 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-4(0-12FTBGS)

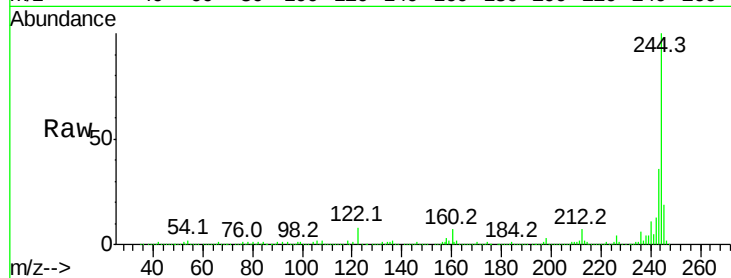
Tot Ion:244 Resp: 1888187

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

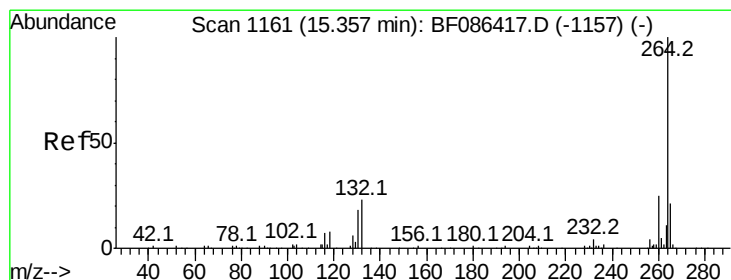
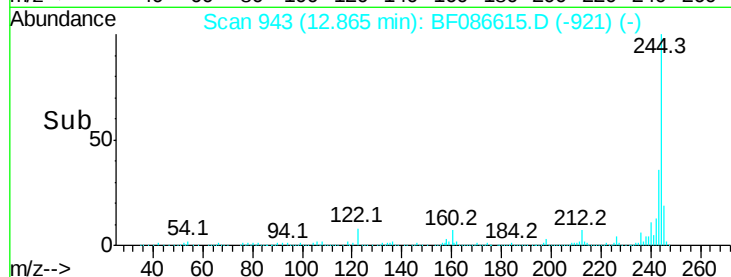
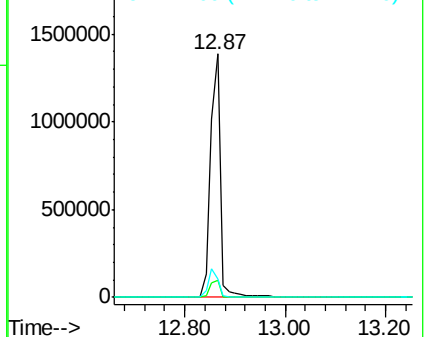
122 7.5 12.0 18.0#



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: 15.29 min Scan# 1155

Delta R.T. -0.07 min

Lab File: BF086615.D

Acq: 2 May 2016 14:06

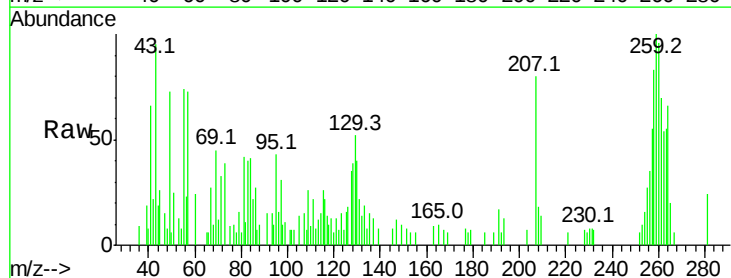
Tgt Ion:264 Resp: 5274

Ion Ratio Lower Upper

264 100

260 146.0 19.5 29.3#

265 29.9 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

