

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086887.D
 Acq On : 11 May 2016 8:04
 Operator : UM/SJ
 Sample : H2964-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1

Quant Time: May 11 11:50:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

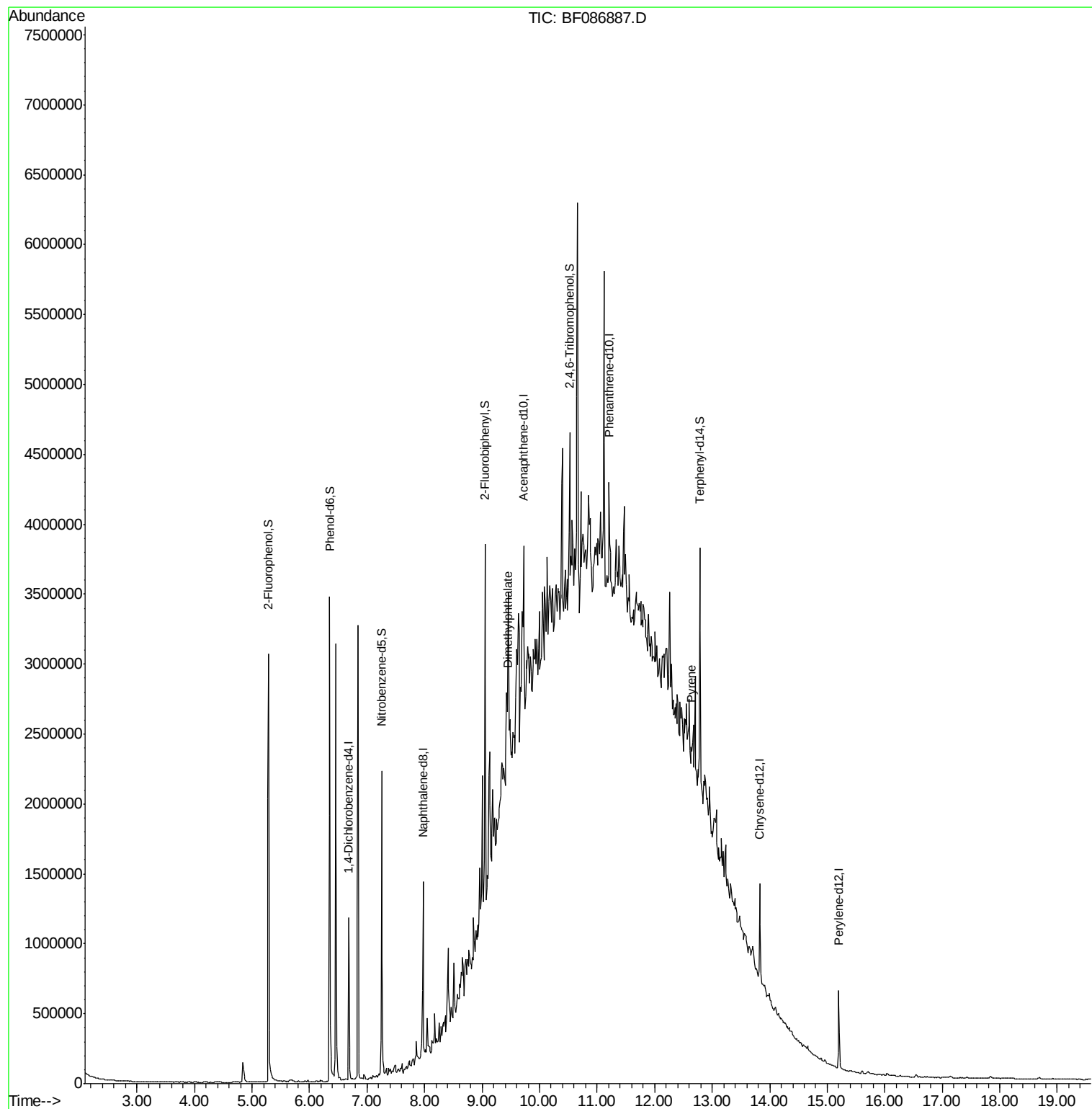
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	151697	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	564345	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	185742	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	286803	20.00	ng	0.00
75) Chrysene-d12	13.82	240	273568	20.00	ng	-0.01
86) Perylene-d12	15.20	264	240803	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1006109	112.32	ng	0.00
7) Phenol-d6	6.35	99	1308946	109.34	ng	-0.01
23) Nitrobenzene-d5	7.25	82	740117	65.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	211533	107.57	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1074582	97.23	ng	-0.01
78) Terphenyl-d14	12.78	244	701768	54.43	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	107969	7.62	ng	# 90
77) Pyrene	12.64	202	160546	7.67	ng	# 93

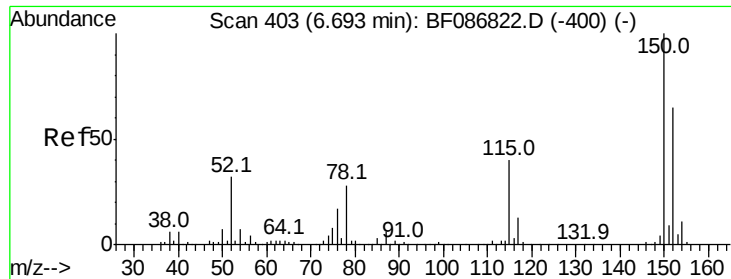
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1

Quant Time: May 11 11:50:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration



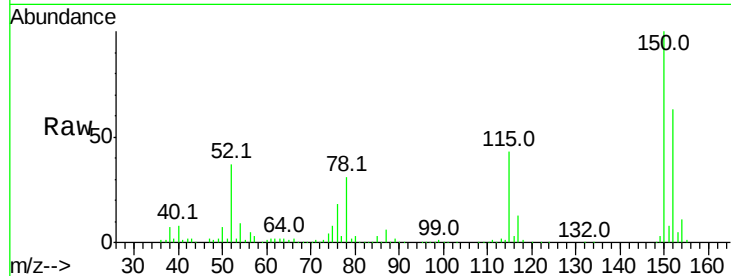


#1

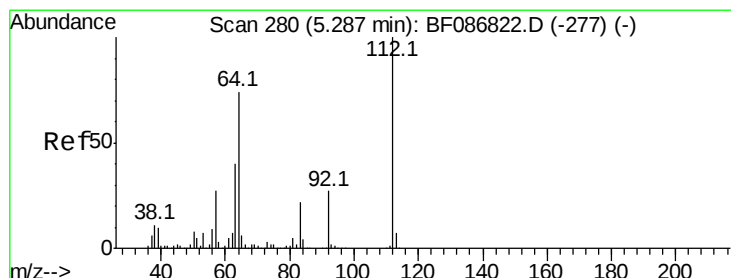
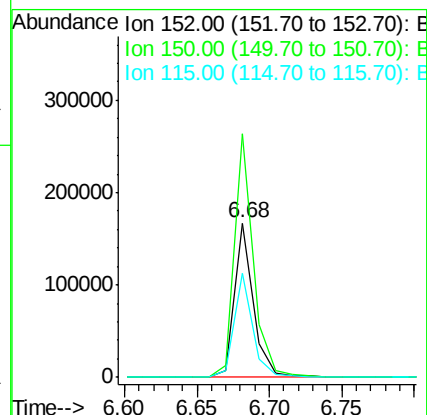
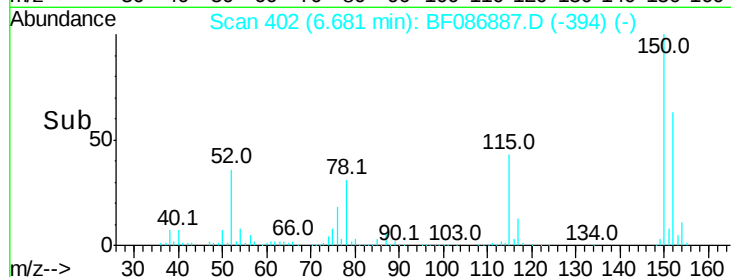
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF086887.D
Acq: 11 May 2016 8:04

Instrument :
BNA_F
ClientSampleId :
1

Tot Ion:152 Resp: 151697
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 67.6 51.5 77.3



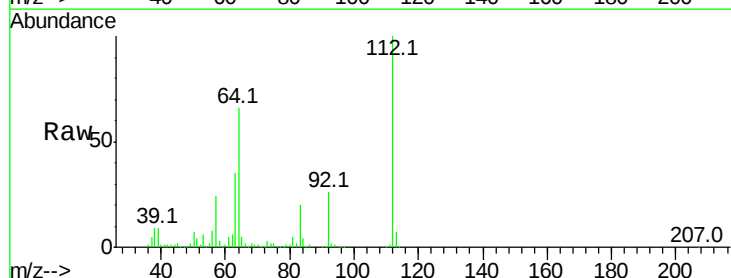
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



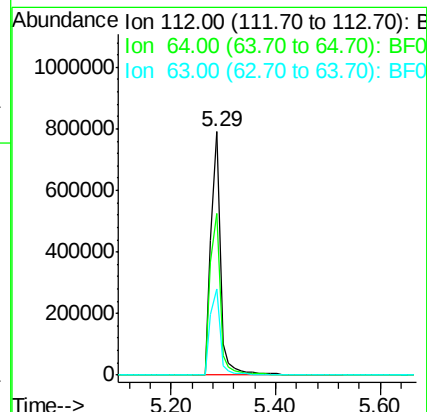
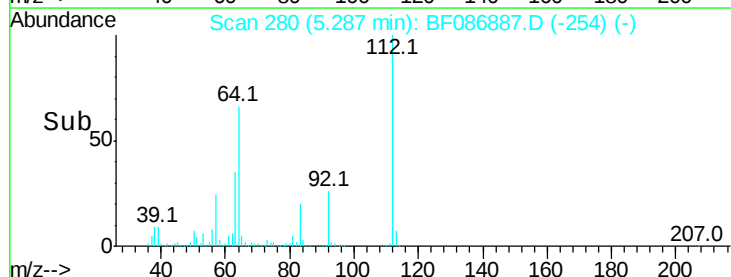
#5

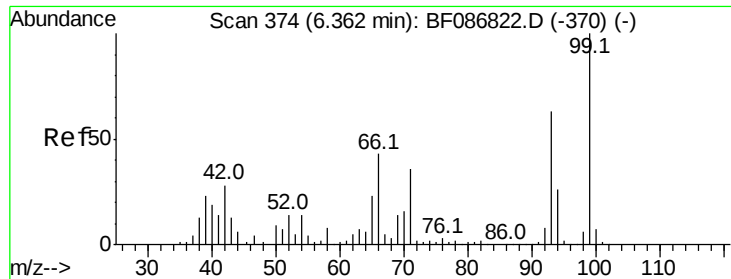
2-Fluorophenol
Concen: 112.32 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF086887.D
Acq: 11 May 2016 8:04

Tgt Ion:112 Resp: 1006109
Ion Ratio Lower Upper
112 100
64 66.2 52.1 78.1
63 35.4 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: 109.34 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086887.D

Acq: 11 May 2016 8:04

Instrument :

BNA_F

ClientSampled :

1

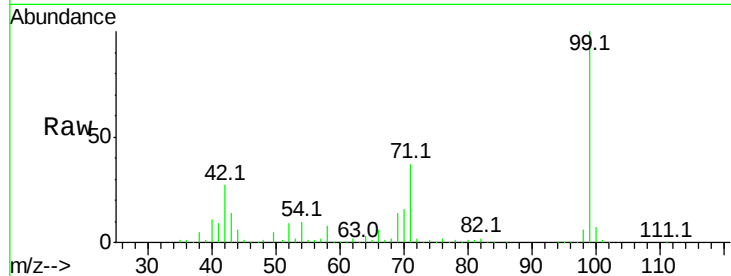
Tot Ion: 99 Resp: 1308946

Ion Ratio Lower Upper

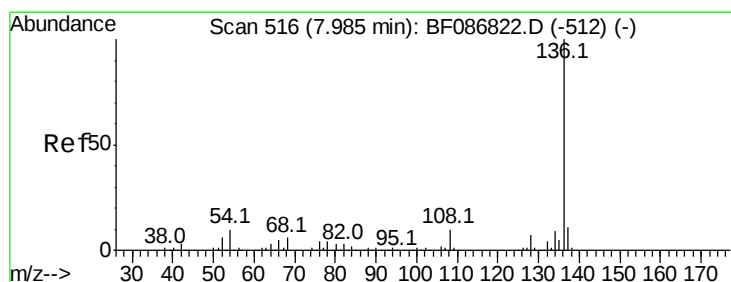
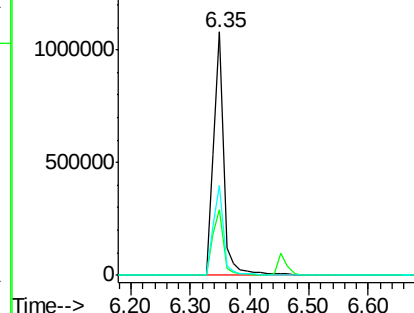
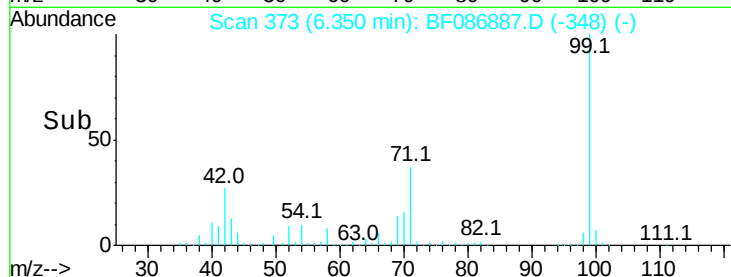
99 100

42 27.0 13.6 20.4#

71 37.2 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: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086887.D

Acq: 11 May 2016 8:04

Tgt Ion: 136 Resp: 564345

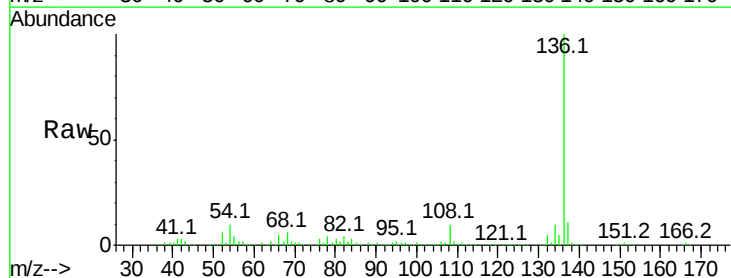
Ion Ratio Lower Upper

136 100

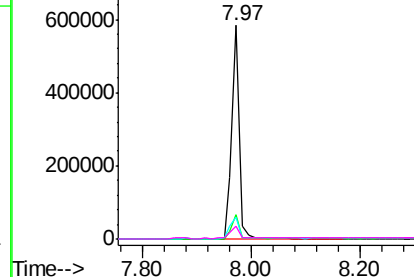
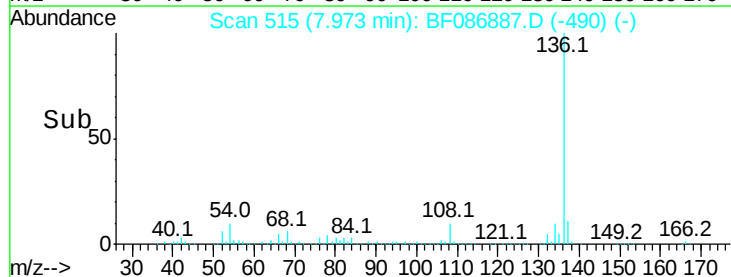
137 11.2 8.8 13.2

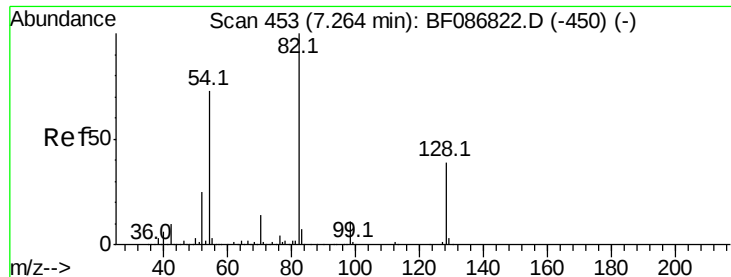
54 9.9 5.0 7.4#

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

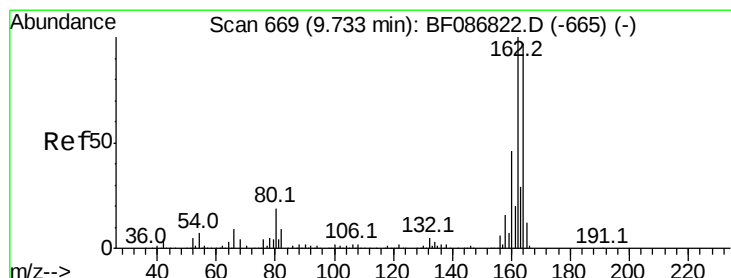
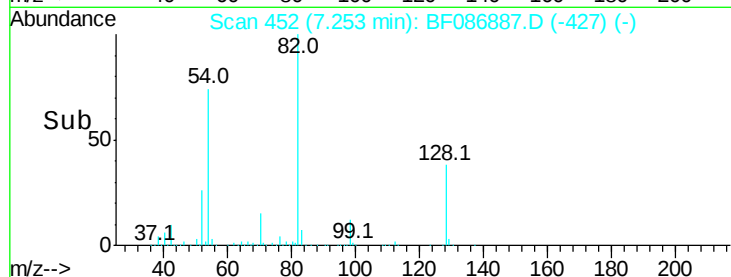
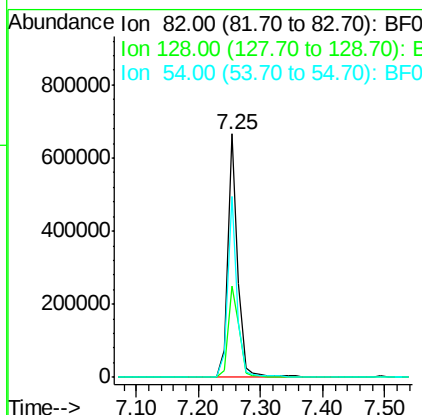
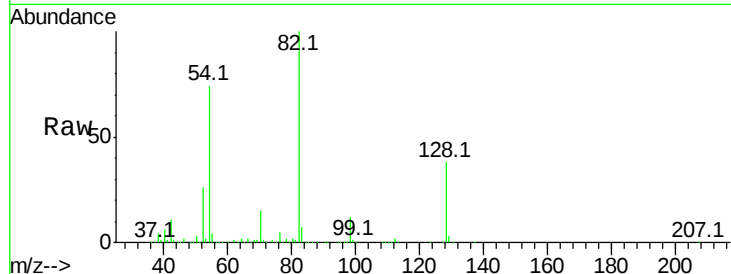




#23
Nitrobenzene-d5
Concen: 65.85 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086887.D
Acq: 11 May 2016 8:04

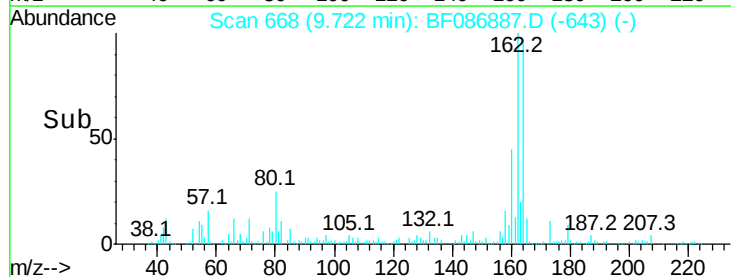
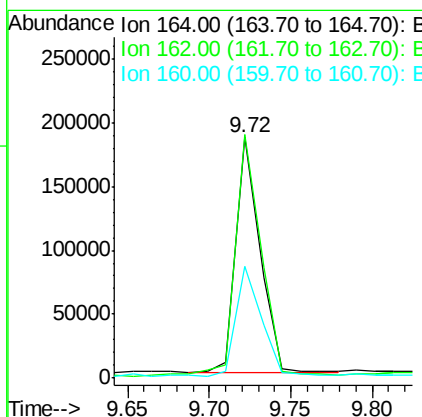
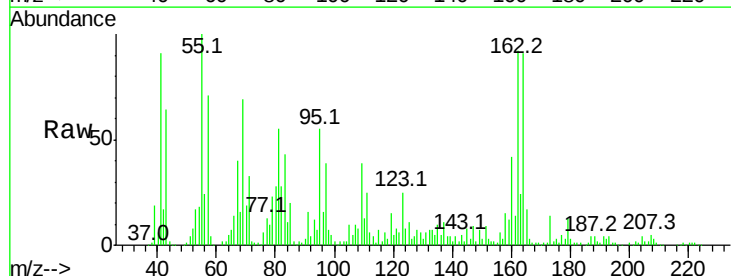
Instrument :
BNA_F
ClientSampled :
1

Tot Ion	82	Resp	740117
Ion Ratio	Lower	Upper	
82	100		
128	37.5	40.6	61.0#
54	74.3	38.1	57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086887.D
Acq: 11 May 2016 8:04

Tgt Ion	164	Resp	185742
Ion Ratio	Lower	Upper	
164	100		
162	101.1	82.8	124.2
160	46.2	36.9	55.3

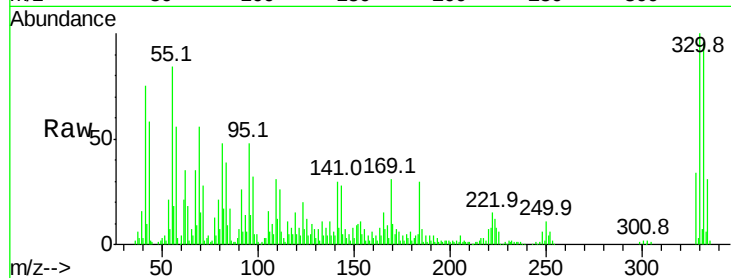




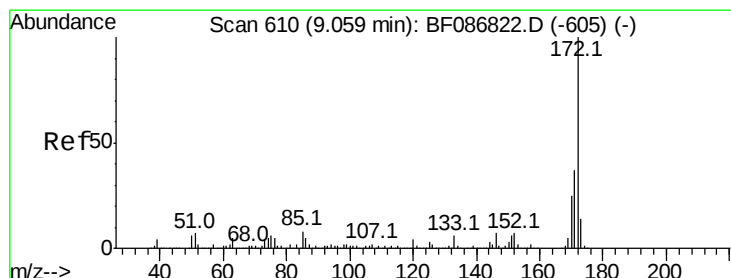
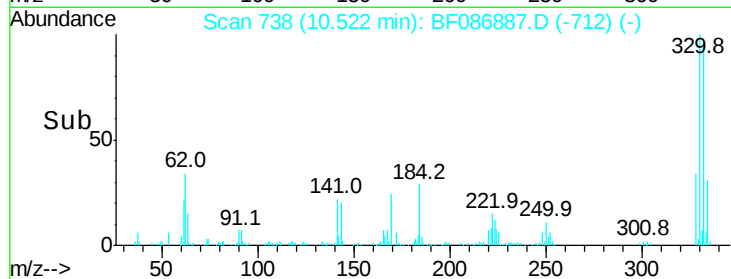
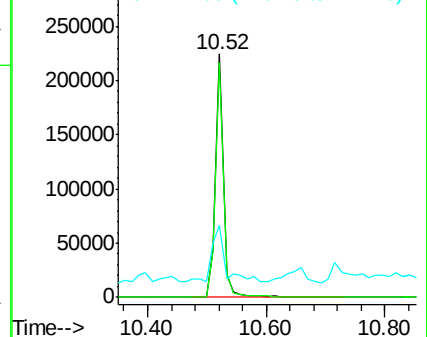
#41
 2,4,6-Tribromophenol
 Concen: 107.57 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086887.D
 Acq: 11 May 2016 8:04

Instrument :
 BNA_F
 ClientSampleId :
 1

Tot Ion:330 Resp: 211533
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 38.9 31.2 46.8

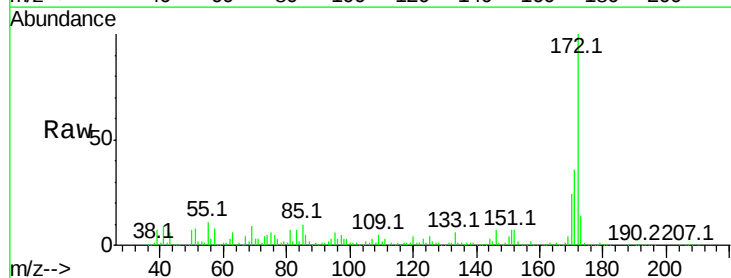


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

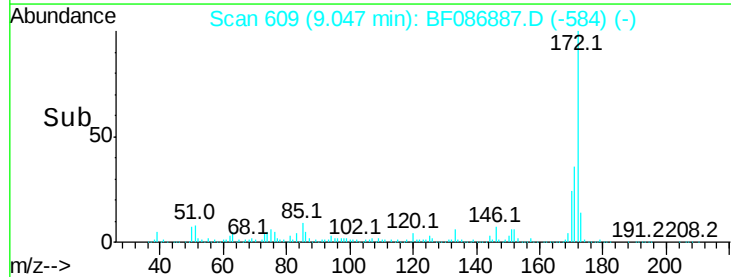
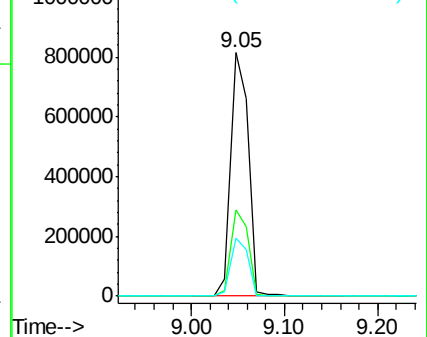


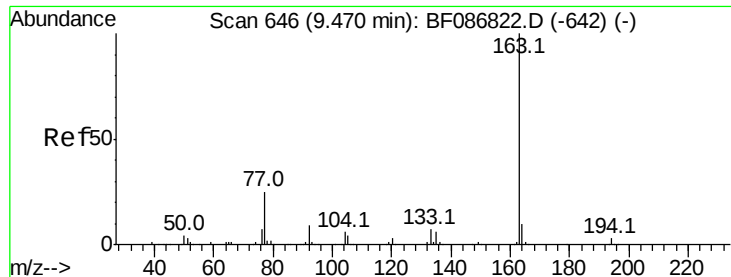
#44
 2-Fluorobiphenyl
 Concen: 97.23 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086887.D
 Acq: 11 May 2016 8:04

Tgt Ion:172 Resp: 1074582
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 23.7 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

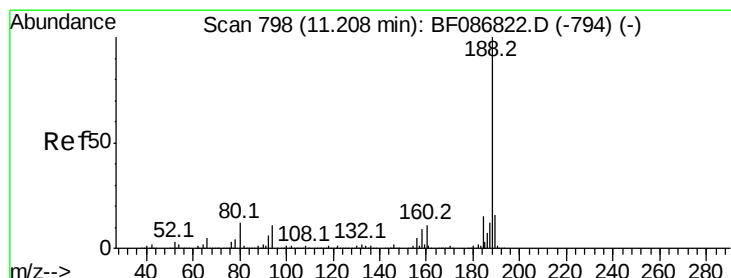
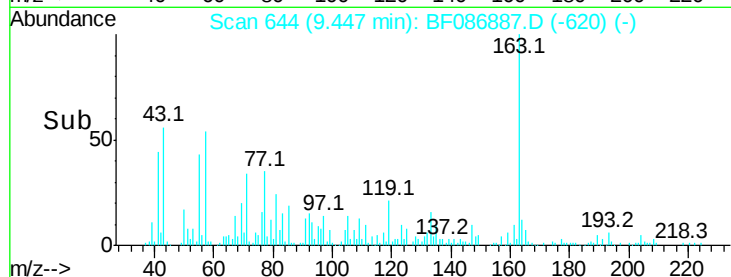
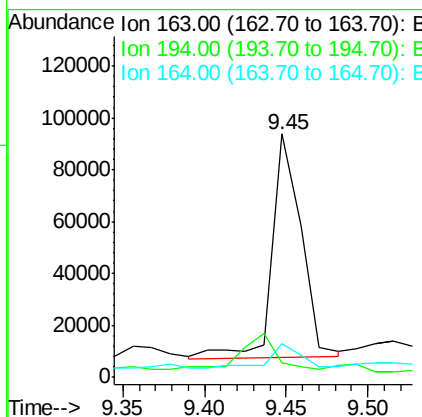
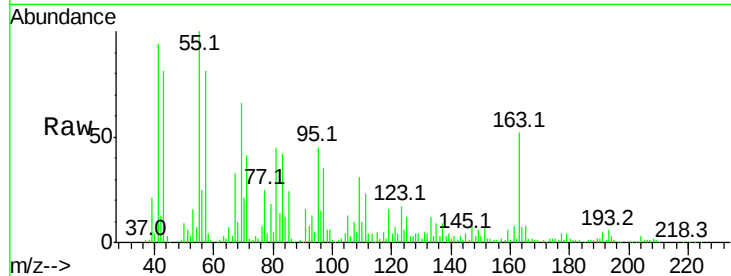




#49
Dimethylphthalate
Concen: 7.62 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086887.D
Acq: 11 May 2016 8:04

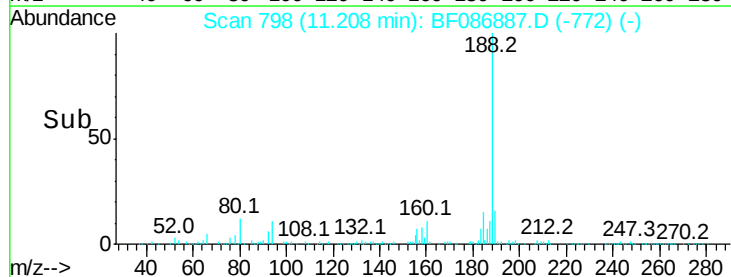
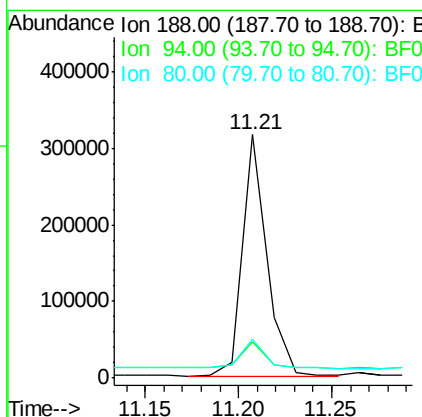
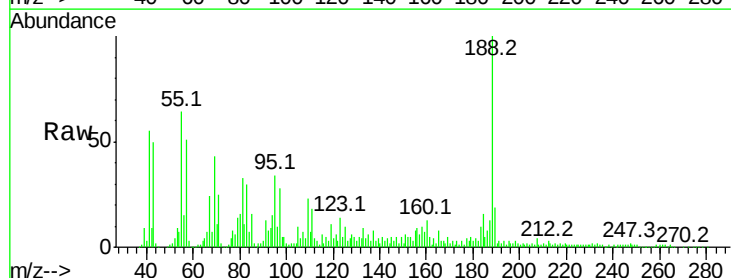
Instrument :
BNA_F
ClientSampleId :
1

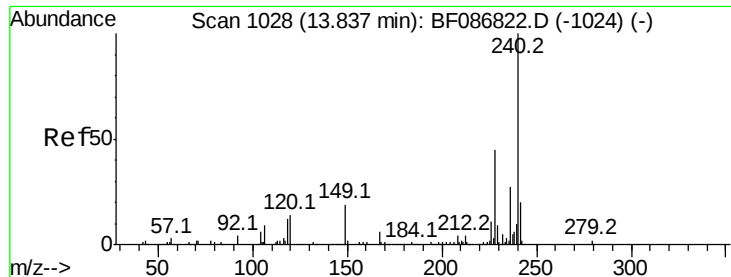
Tot Ion:163 Resp: 107969
Ion Ratio Lower Upper
163 100
194 6.0 2.6 4.0#
164 14.1 8.2 12.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF086887.D
Acq: 11 May 2016 8:04

Tgt Ion:188 Resp: 286803
Ion Ratio Lower Upper
188 100
94 14.9 6.8 10.2#
80 15.9 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086887.D

Acq: 11 May 2016 8:04

Instrument :

BNA_F

ClientSampleId :

1

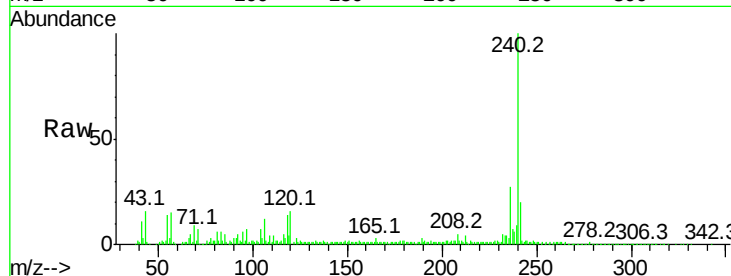
Tot Ion:240 Resp: 273568

Ion Ratio Lower Upper

240 100

120 16.3 11.2 16.8

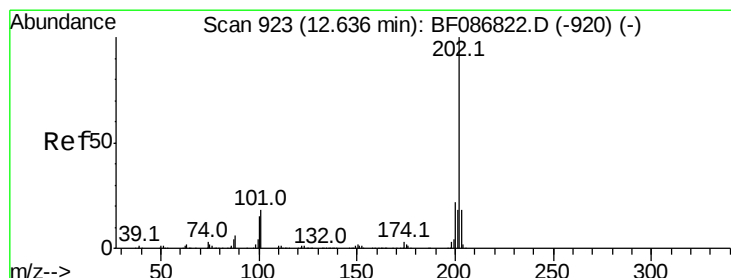
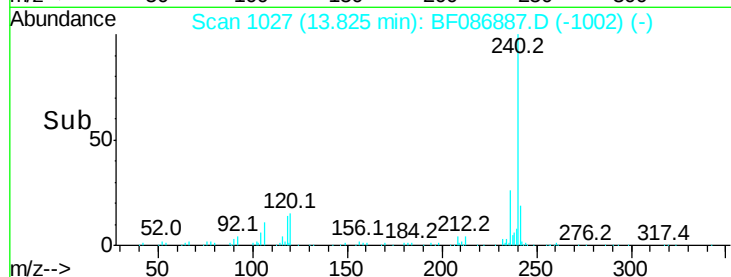
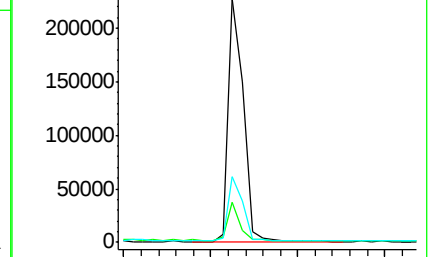
236 27.1 21.2 31.8



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



#77

Pyrene

Concen: 7.67 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF086887.D

Acq: 11 May 2016 8:04

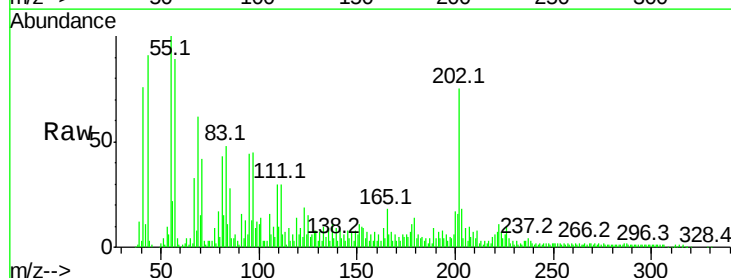
Tgt Ion:202 Resp: 160546

Ion Ratio Lower Upper

202 100

200 23.2 17.7 26.5

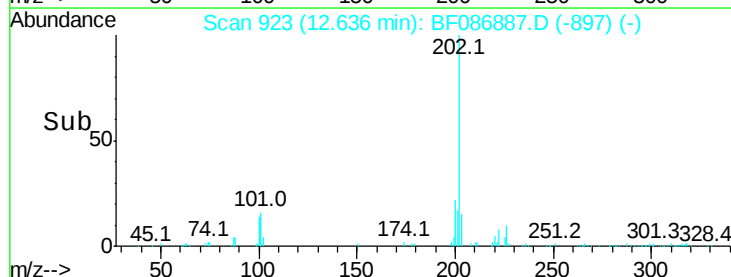
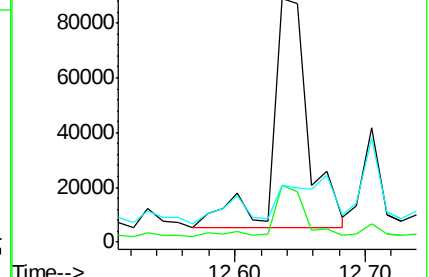
203 23.2 14.2 21.4#

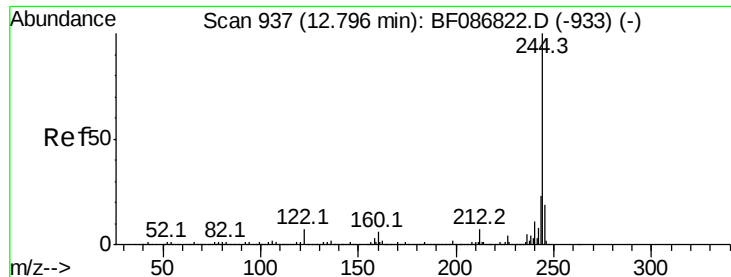


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

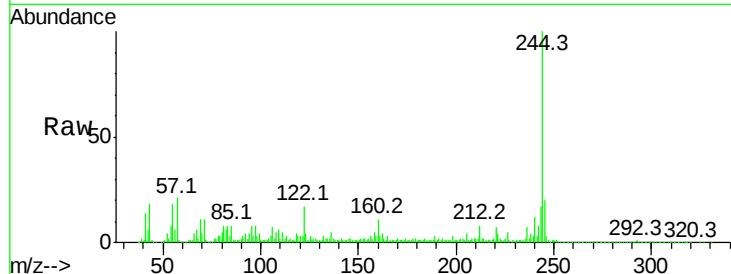




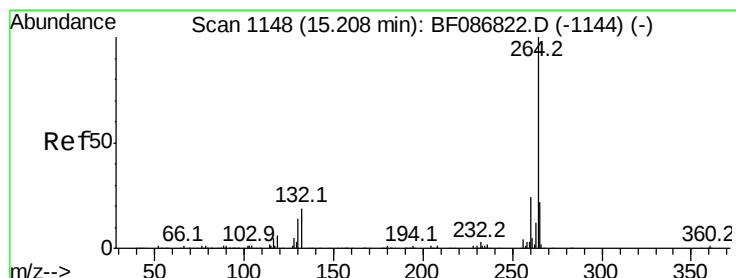
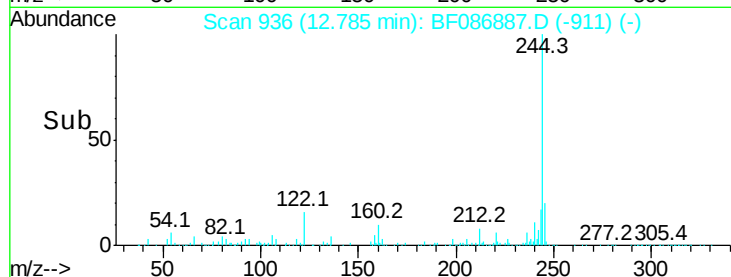
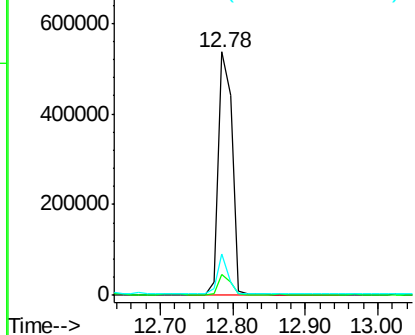
#78
 Terphenyl-d14
 Concen: 54.43 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086887.D
 Acq: 11 May 2016 8:04

Instrument :
 BNA_F
 ClientSampleId :
 1

Tot Ion:244 Resp: 701768
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.2 9.2
 122 17.0 12.0 18.0

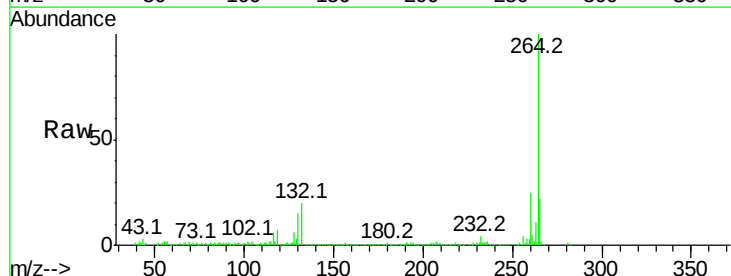


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086887.D
 Acq: 11 May 2016 8:04

Tgt Ion:264 Resp: 240803
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.7 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

