

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF080015.D
 Acq On : 17 Jun 2015 5:57
 Operator : TP/IZ
 Sample : G2651-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-HB-001

Quant Time: Jun 17 06:52:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

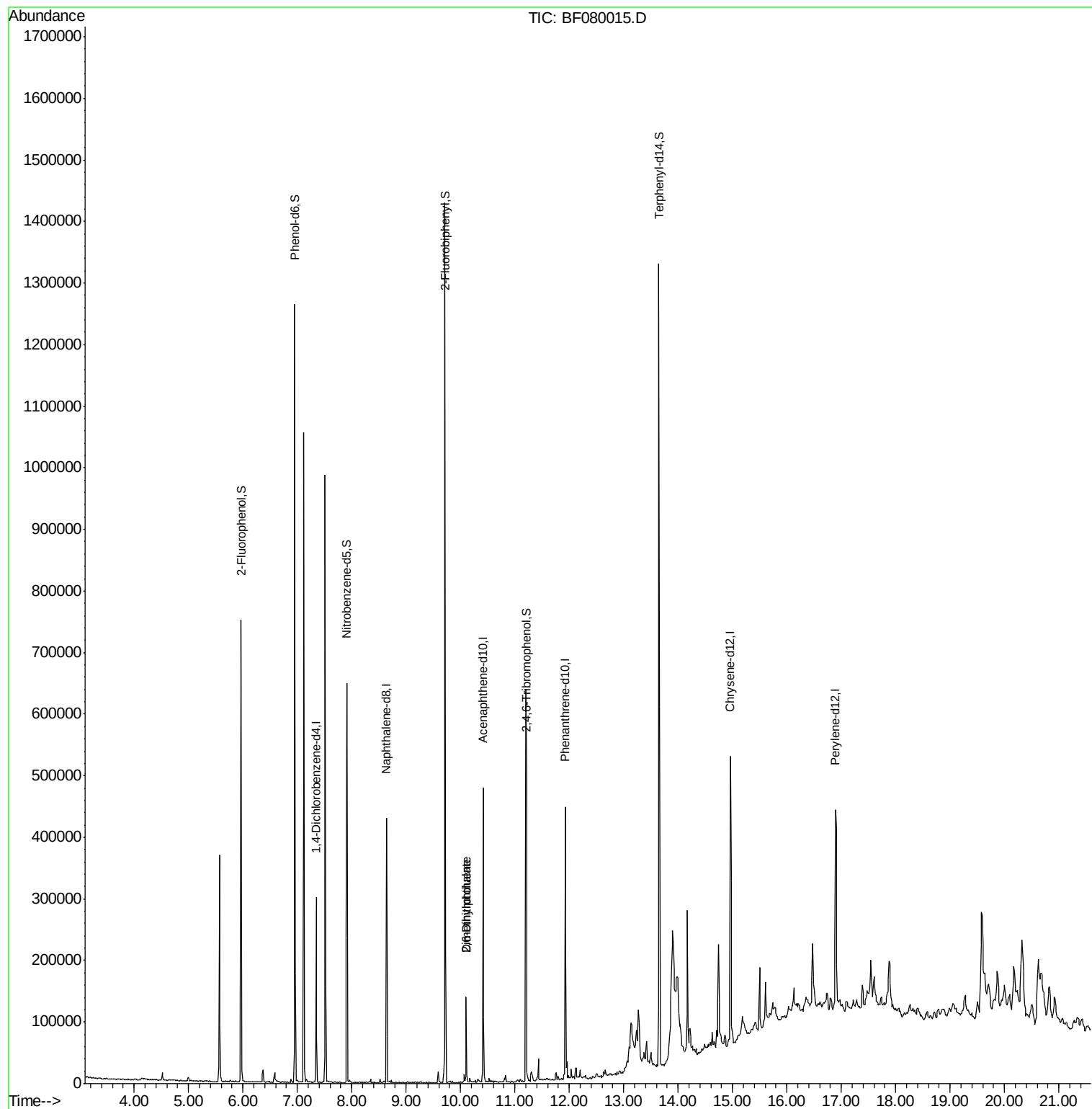
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	42053	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	171612	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	88965	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	176148	20.00	ng	0.00
75) Chrysene-d12	14.96	240	204750	20.00	ng	0.06
86) Perylene-d12	16.89	264	206495	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.97	112	275627	120.18	ng	0.01
7) Phenol-d6	6.95	99	363224	116.25	ng	0.00
23) Nitrobenzene-d5	7.91	82	213240	81.98	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	94183	105.68	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	395220	62.21	ng	0.00
78) Terphenyl-d14	13.65	244	472062	53.15	ng	0.02
Target Compounds						
49) Dimethylphthalate	10.10	163	49098	6.89	ng	98
50) 2,6-Dinitrotoluene	10.10	165	540	3.43	ng	# 15
82) Chrysene	14.95	228	5635	Below Cal		96

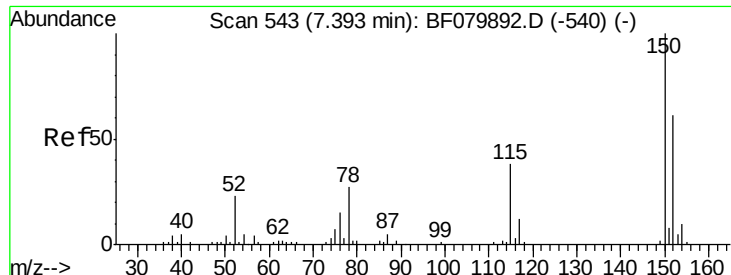
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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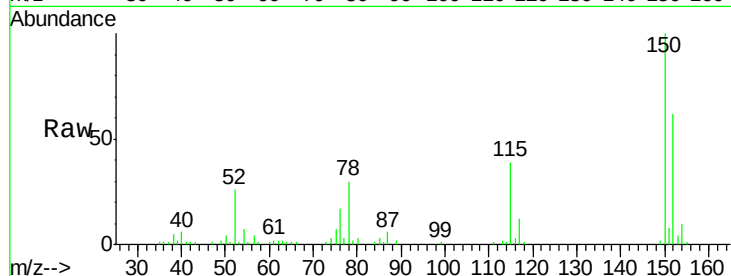


#1

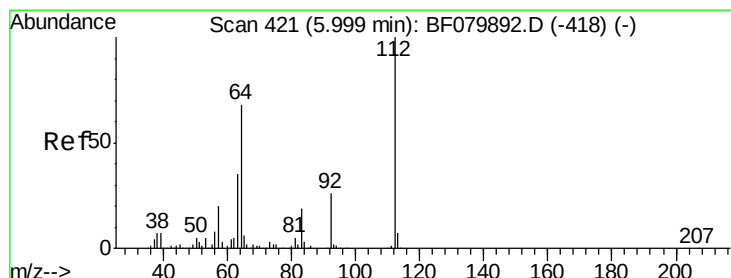
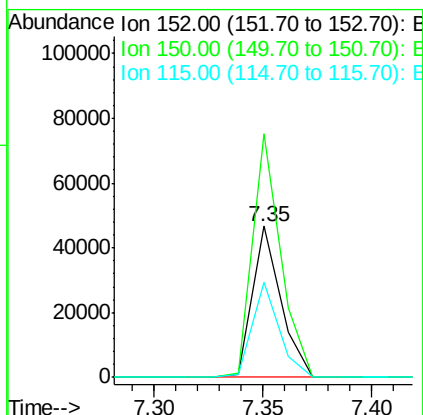
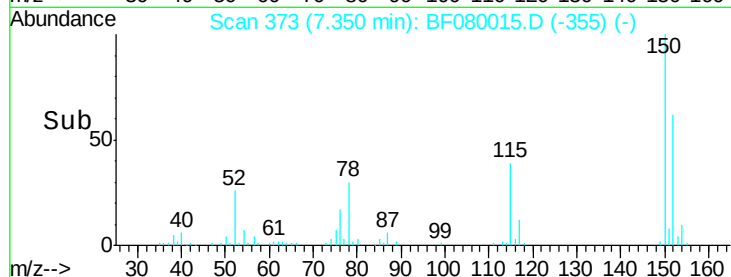
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF080015.D
Acq: 17 Jun 2015 5:57

Instrument :
BNA_F
ClientSampleId :
NC-HB-001

Tgt Ion:152 Resp: 42053
Ion Ratio Lower Upper
152 100
150 161.2 131.0 196.4
115 63.3 49.8 74.6



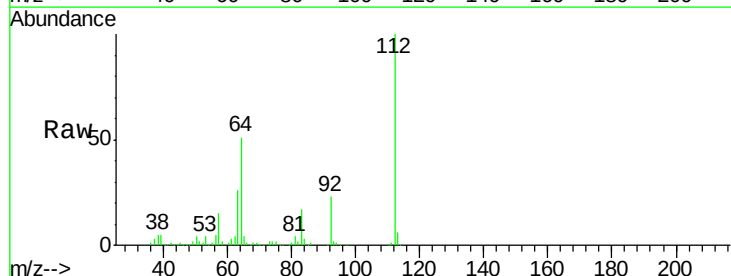
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



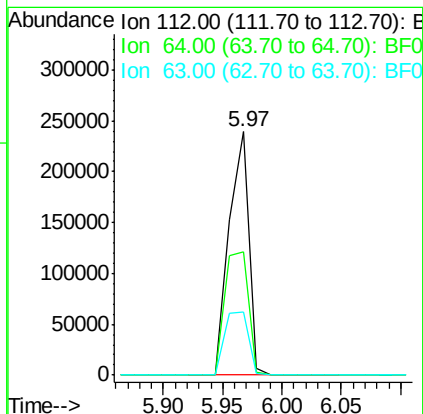
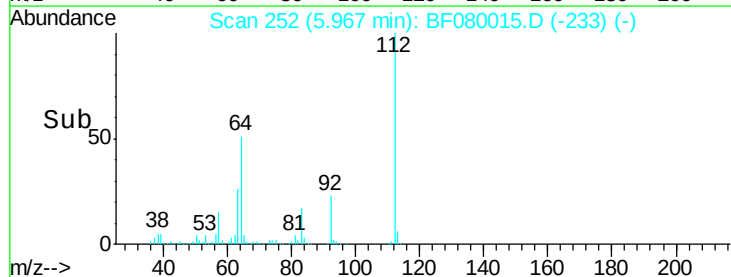
#5

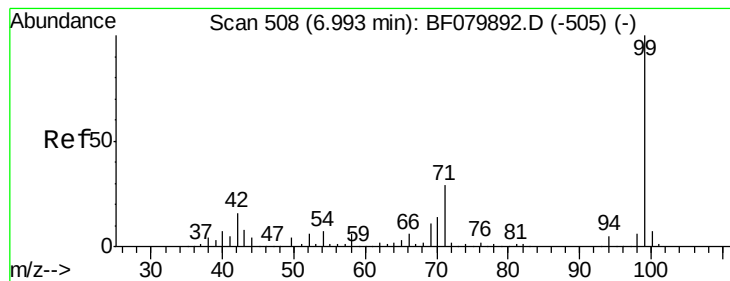
2-Fluorophenol
Concen: 120.18 ng
RT: 5.97 min Scan# 252
Delta R.T. 0.01 min
Lab File: BF080015.D
Acq: 17 Jun 2015 5:57

Tgt Ion:112 Resp: 275627
Ion Ratio Lower Upper
112 100
64 50.8 54.5 81.7#
63 26.2 27.9 41.9#



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: 116.25 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080015.D

Acq: 17 Jun 2015 5:57

Instrument :

BNA_F

ClientSampleId :

NC-HB-001

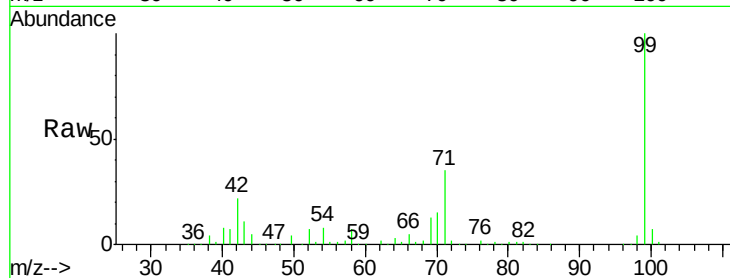
Tgt Ion: 99 Resp: 363224

Ion Ratio Lower Upper

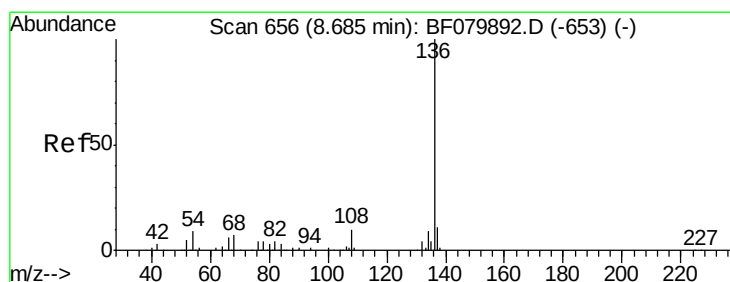
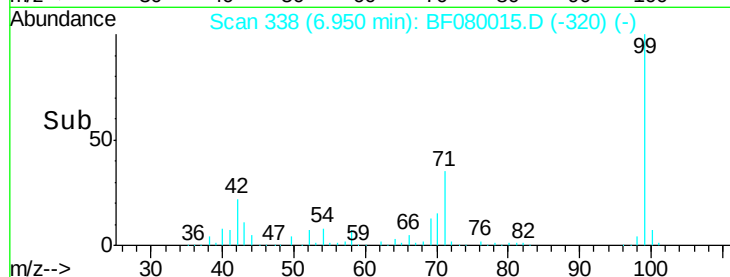
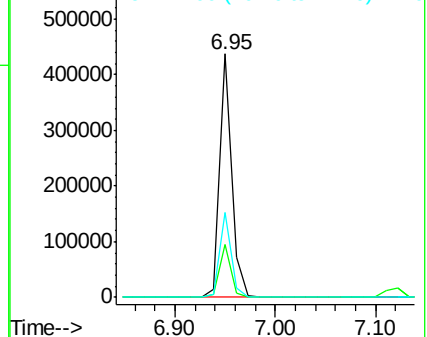
99 100

42 21.6 12.9 19.3#

71 34.7 23.4 35.2



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: 8.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080015.D

Acq: 17 Jun 2015 5:57

Tgt Ion: 136 Resp: 171612

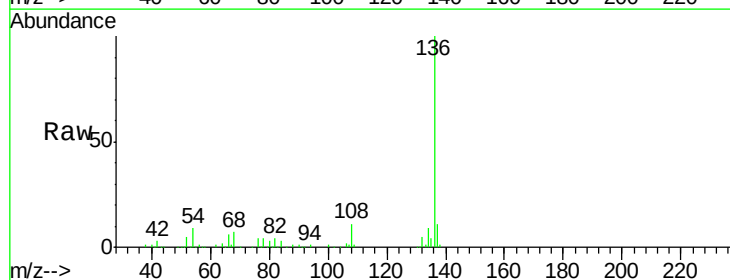
Ion Ratio Lower Upper

136 100

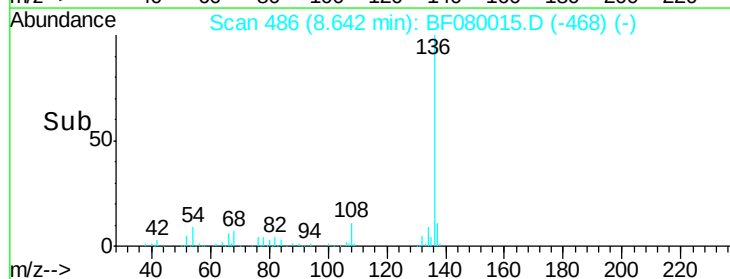
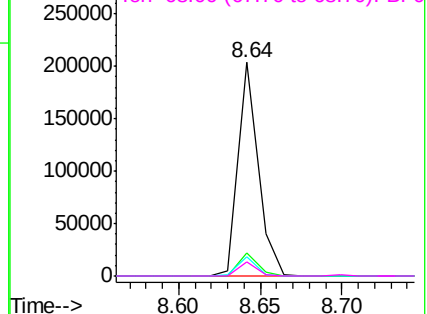
137 10.9 8.7 13.1

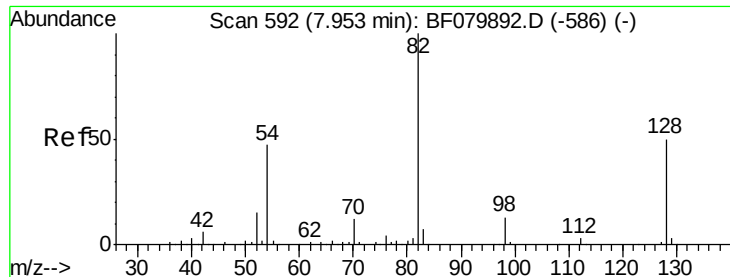
54 9.2 7.3 10.9

68 6.6 5.9 8.9



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

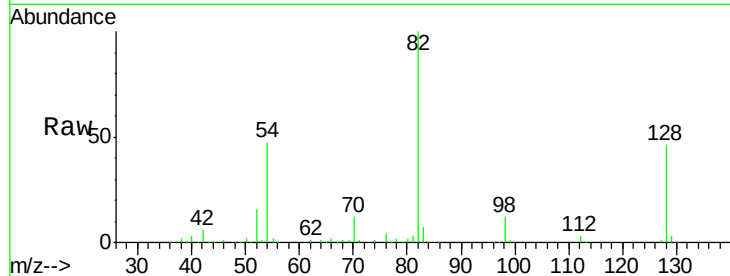




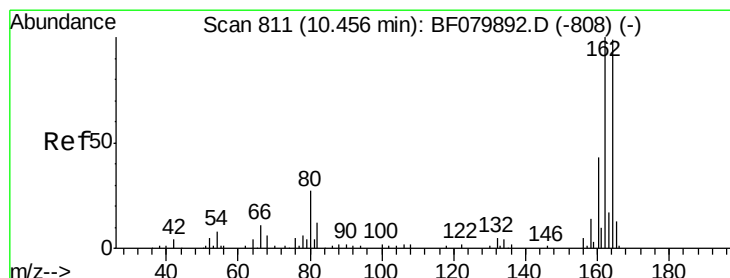
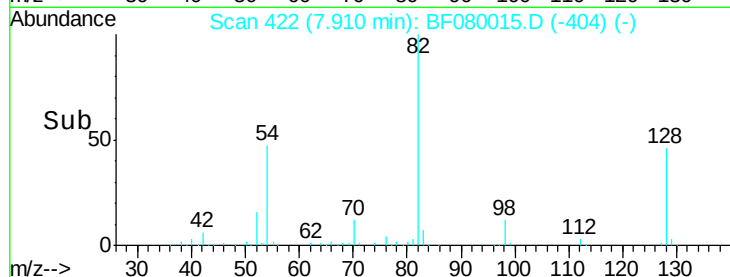
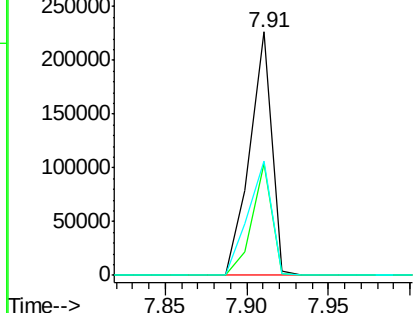
#23
 Nitrobenzene-d5
 Concen: 81.98 ng
 RT: 7.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF080015.D
 Acq: 17 Jun 2015 5:57

Instrument :
 BNA_F
 ClientSampleId :
 NC-HB-001

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	40.3	60.5
54	46.8	38.0	57.0

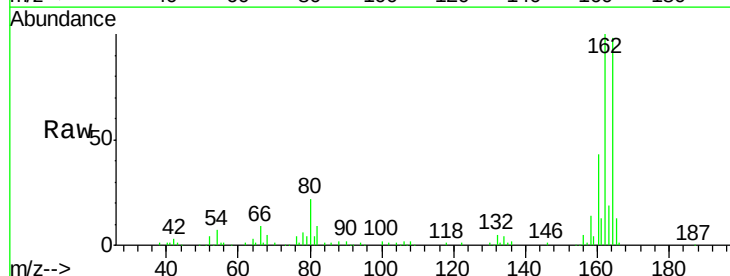


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

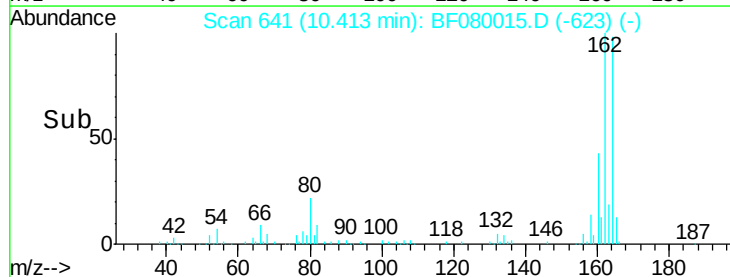
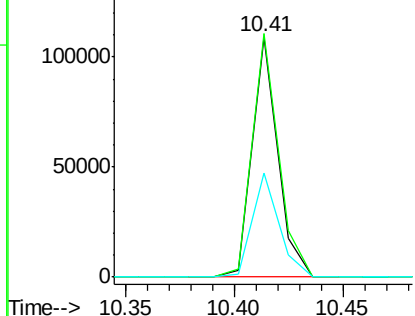


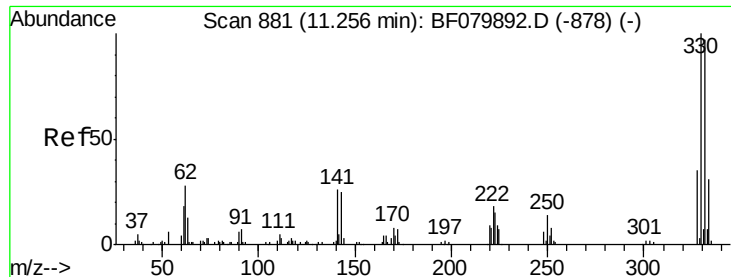
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080015.D
 Acq: 17 Jun 2015 5:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	43.6	34.6	51.8



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

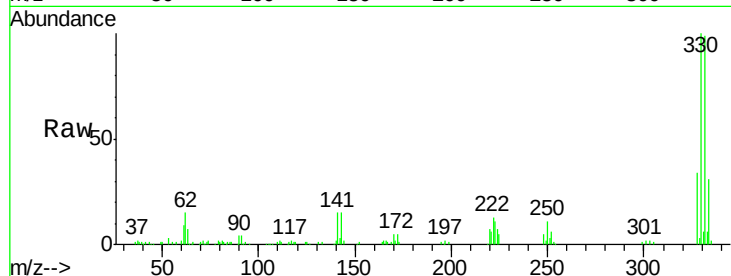




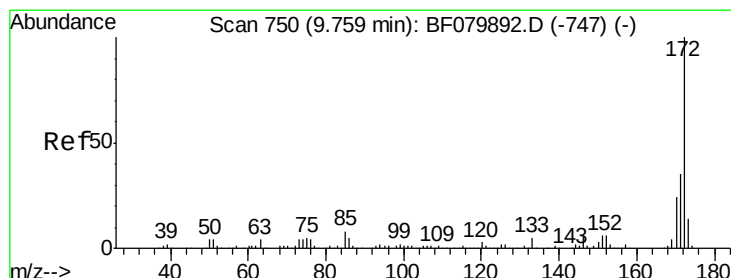
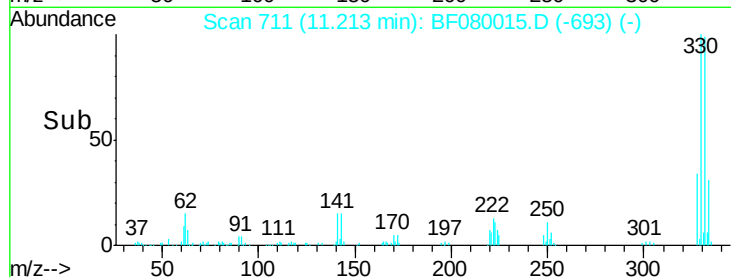
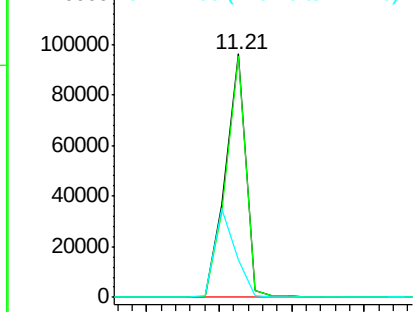
#41
 2,4,6-Tribromophenol
 Concen: 105.68 ng
 RT: 11.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF080015.D
 Acq: 17 Jun 2015 5:57

Instrument :
 BNA_F
 ClientSampleId :
 NC-HB-001

Tgt Ion:330 Resp: 94183
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 37.5 26.8 40.2

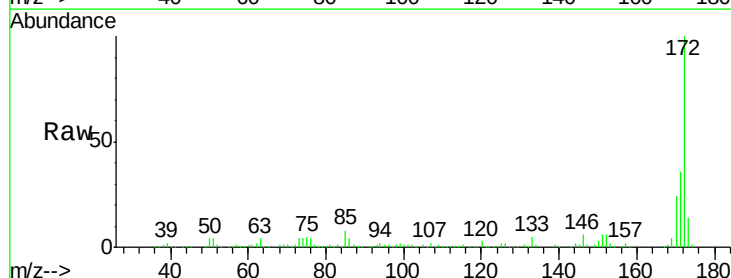


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

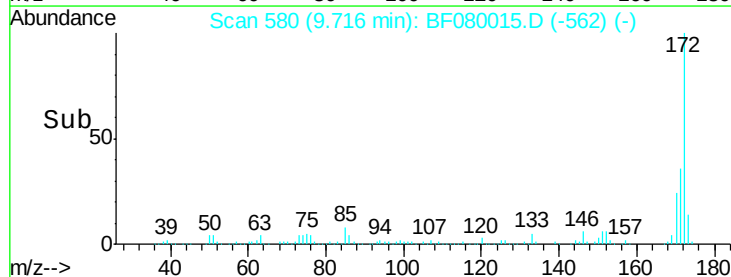
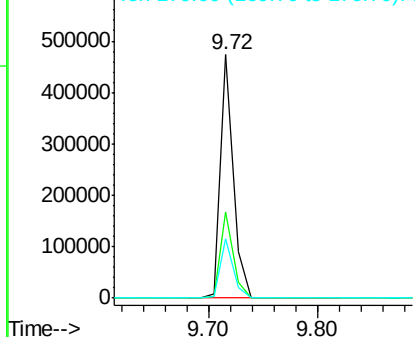


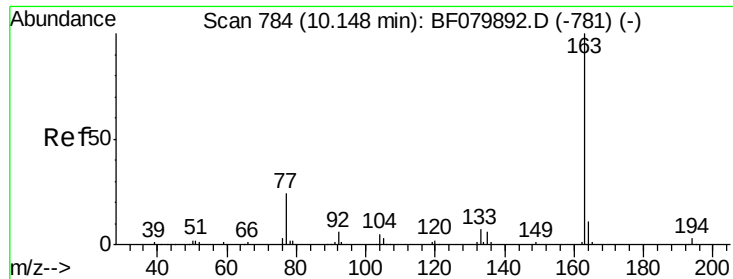
#44
 2-Fluorobiphenyl
 Concen: 62.21 ng
 RT: 9.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF080015.D
 Acq: 17 Jun 2015 5:57

Tgt Ion:172 Resp: 395220
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 24.2 19.0 28.4



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

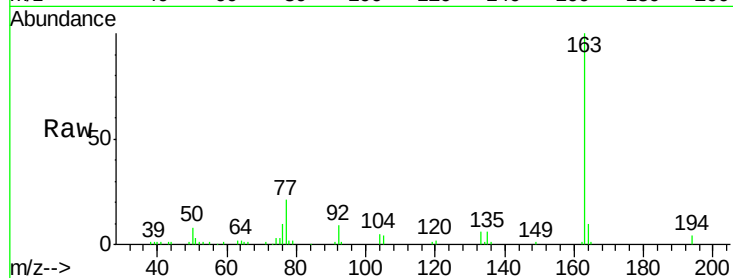




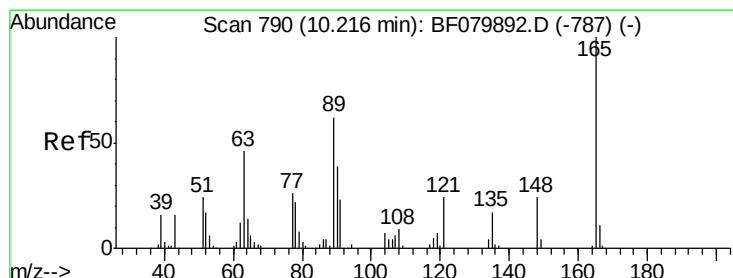
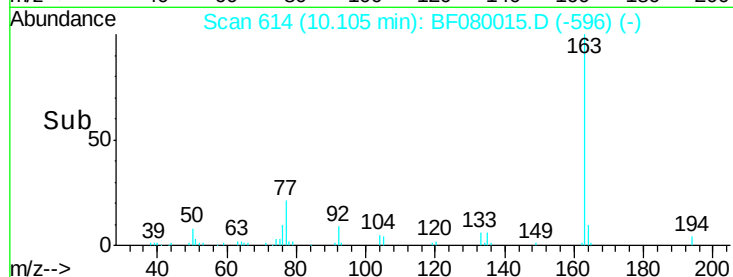
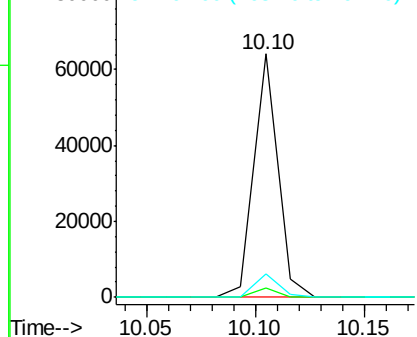
#49
Dimethylphthalate
Concen: 6.89 ng
RT: 10.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF080015.D
Acq: 17 Jun 2015 5:57

Instrument :
BNA_F
ClientSampleId :
NC-HB-001

Tgt Ion:163 Resp: 49098
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.8 8.6 12.8

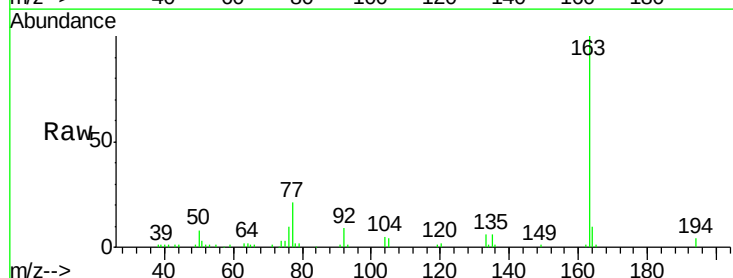


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

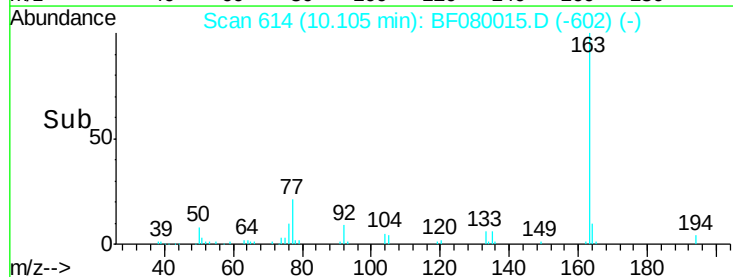
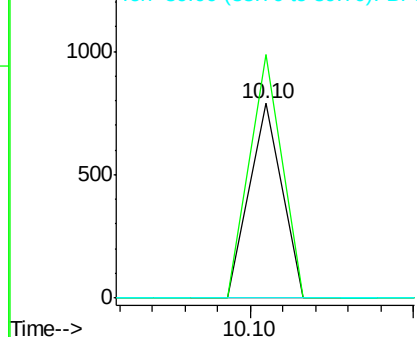


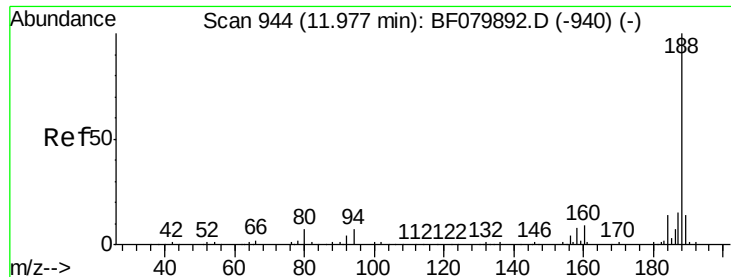
#50
2,6-Dinitrotoluene
Concen: 3.43 ng
RT: 10.10 min Scan# 614
Delta R.T. -0.07 min
Lab File: BF080015.D
Acq: 17 Jun 2015 5:57

Tgt Ion:165 Resp: 540
Ion Ratio Lower Upper
165 100
63 125.3 46.4 69.6#
89 0.0 49.6 74.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

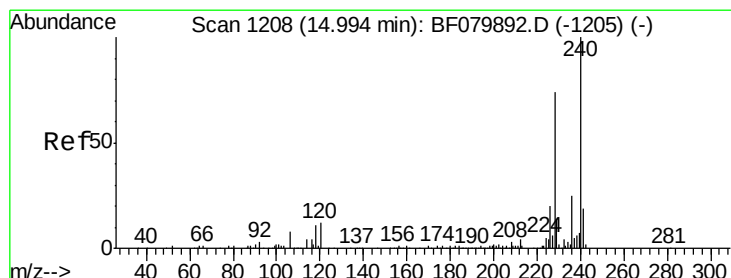
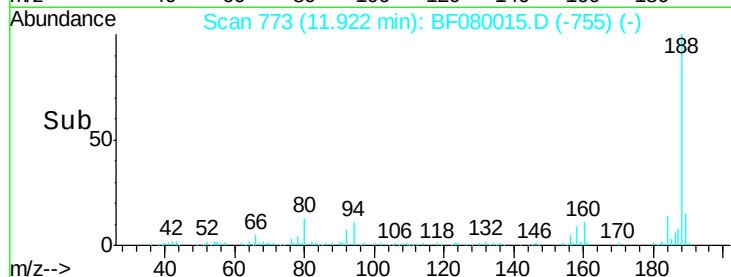
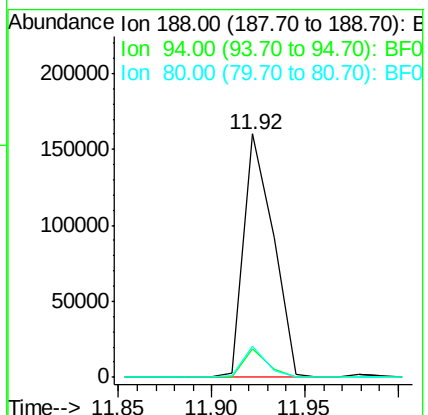
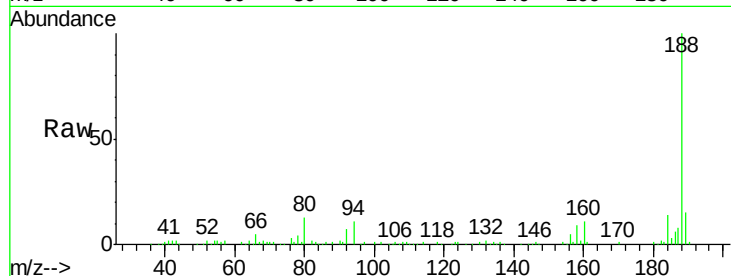




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF080015.D
Acq: 17 Jun 2015 5:57

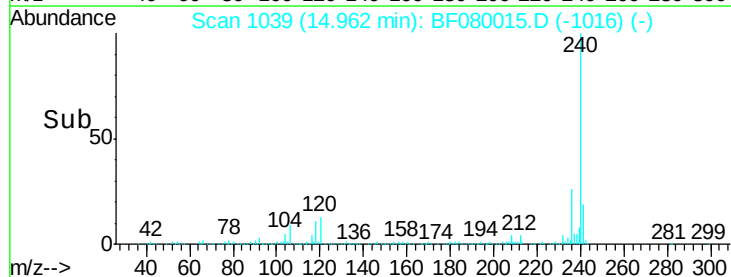
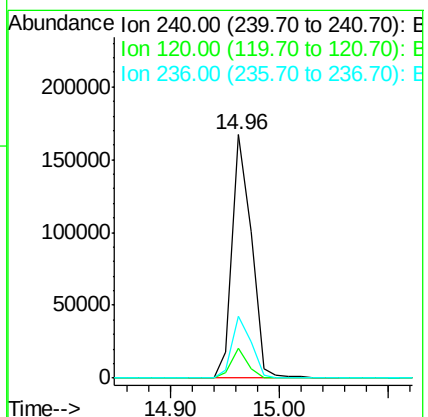
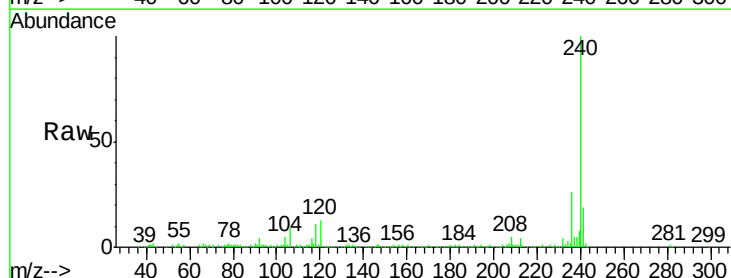
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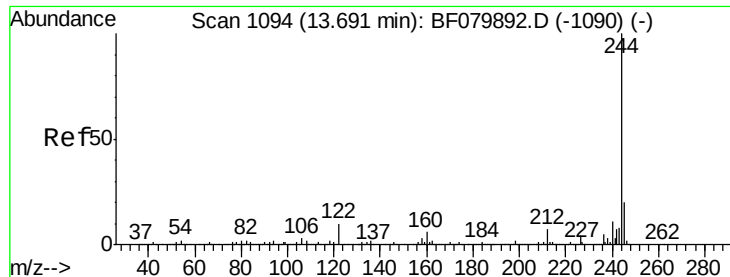
Tgt Ion:188 Resp: 176148
Ion Ratio Lower Upper
188 100
94 11.5 5.8 8.8#
80 12.9 5.9 8.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1039
Delta R.T. 0.06 min
Lab File: BF080015.D
Acq: 17 Jun 2015 5:57

Tgt Ion:240 Resp: 204750
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 25.6 19.6 29.4





#78

Terphenyl-d14

Concen: 53.15 ng

RT: 13.65 min Scan# 924

Delta R.T. 0.02 min

Lab File: BF080015.D

Acq: 17 Jun 2015 5:57

Instrument :

BNA_F

ClientSampled :

NC-HB-001

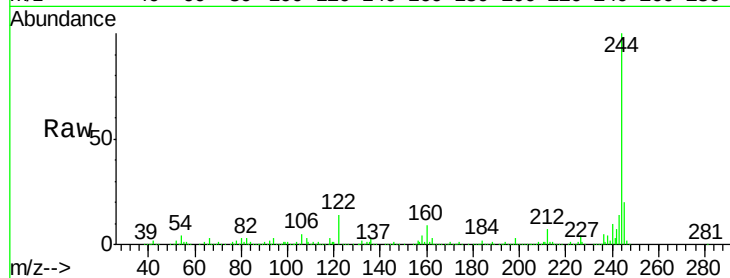
Tgt Ion:244 Resp: 472062

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

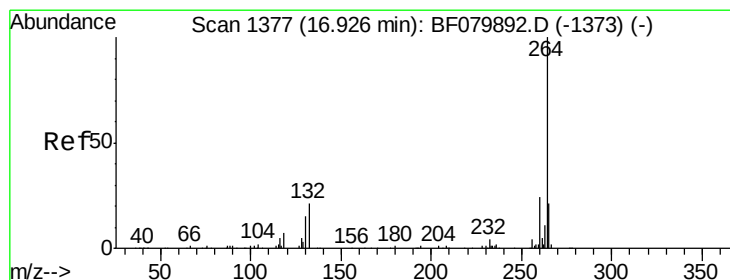
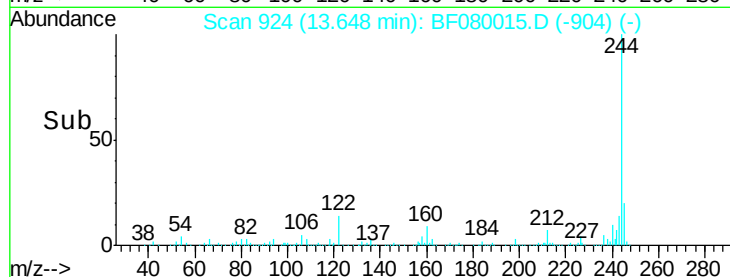
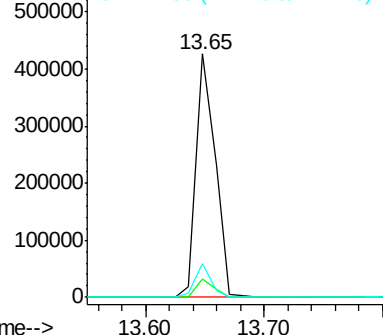
122 13.8 7.8 11.8#



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: 16.89 min Scan# 1208

Delta R.T. 0.09 min

Lab File: BF080015.D

Acq: 17 Jun 2015 5:57

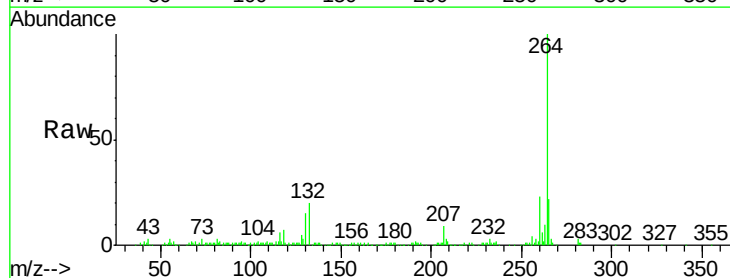
Tgt Ion:264 Resp: 206495

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.7 17.0 25.6



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

