

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080779.D
 Acq On : 1 Aug 2015 14:21
 Operator : TP/UM
 Sample : G3090-02
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS2-072315

Quant Time: Aug 03 13:38:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

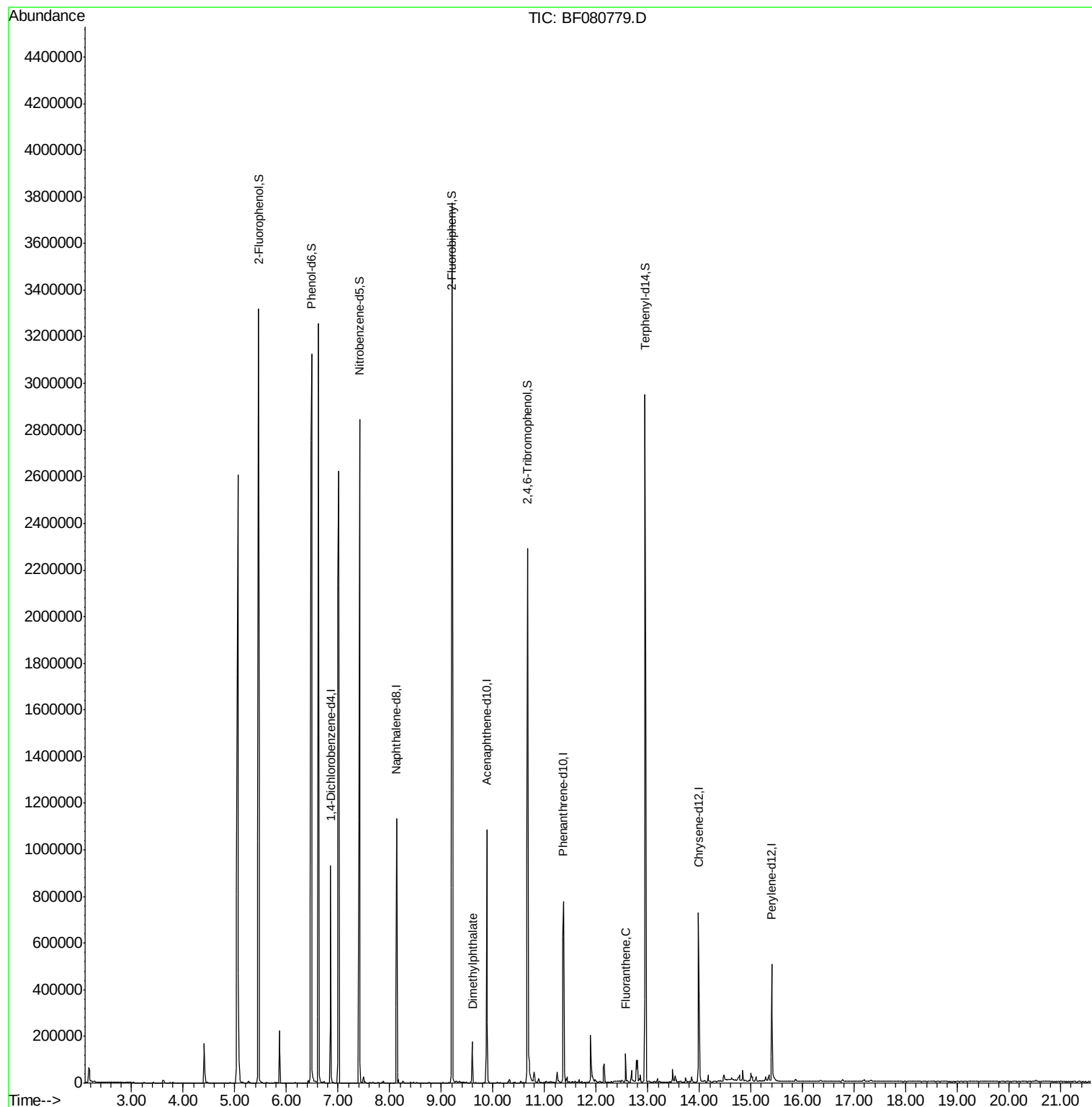
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124771	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	468659	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	209708	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	392078	20.00	ng	0.00
75) Chrysene-d12	13.99	240	270144	20.00	ng	-0.01
86) Perylene-d12	15.40	264	252993	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	972352	133.69	ng	0.01
7) Phenol-d6	6.49	99	1496057	151.09	ng	0.00
23) Nitrobenzene-d5	7.41	82	900971	93.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	312220	143.48	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1369869	97.45	ng	-0.01
78) Terphenyl-d14	12.95	244	1229467	86.08	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.61	163	91392	6.18	ng	Qvalue # 95
74) Fluoranthene	12.57	202	47423	2.48	ng	99

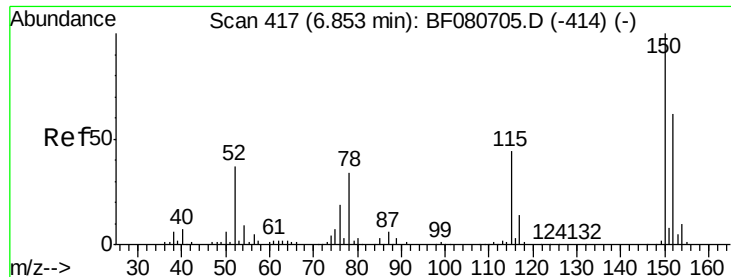
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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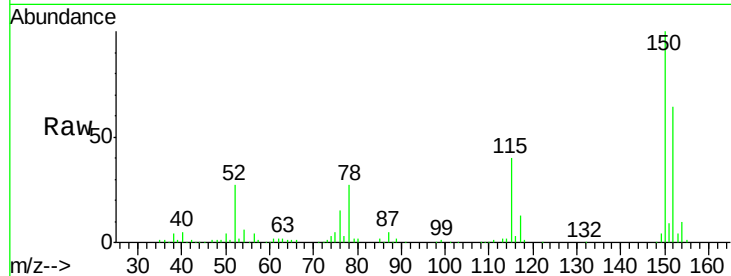


#1

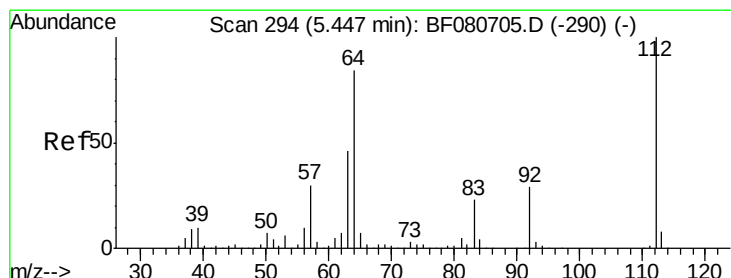
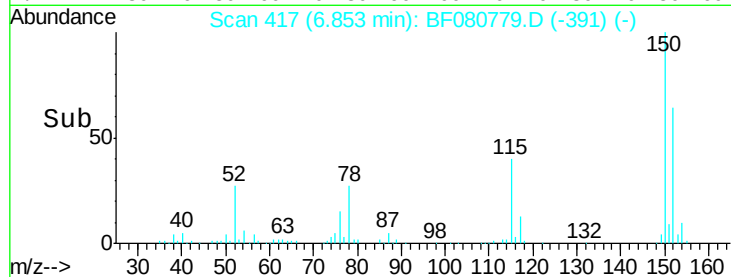
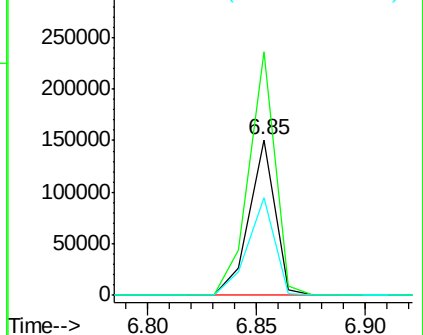
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080779.D
Acq: 1 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
WCS2-072315

Tgt Ion:152 Resp: 124771
Ion Ratio Lower Upper
152 100
150 156.3 129.6 194.4
115 63.0 56.6 85.0



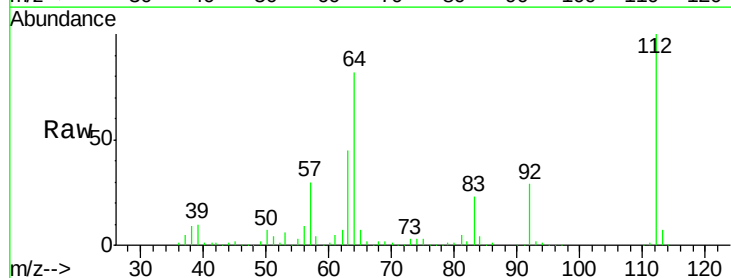
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



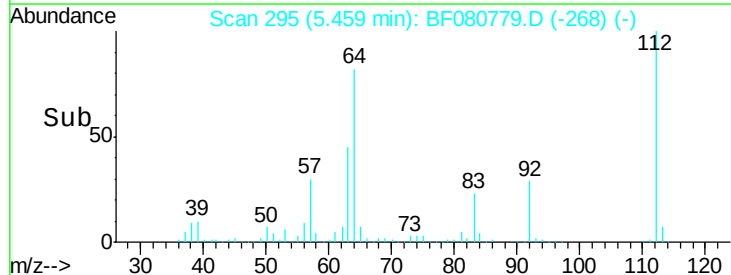
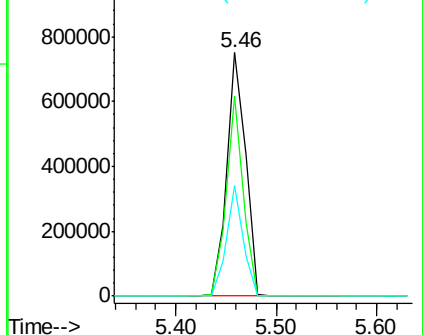
#5

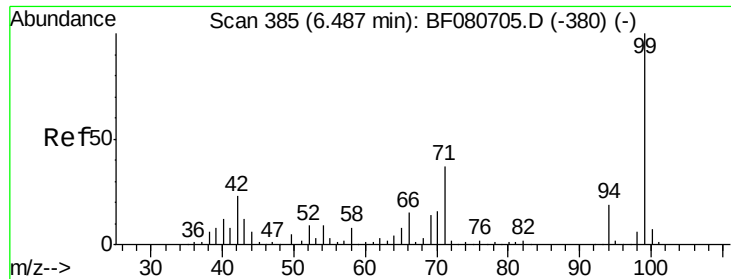
2-Fluorophenol
Concen: 133.69 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF080779.D
Acq: 1 Aug 2015 14:21

Tgt Ion:112 Resp: 972352
Ion Ratio Lower Upper
112 100
64 82.0 66.8 100.2
63 45.2 36.7 55.1



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: 151.09 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

WCS2-072315

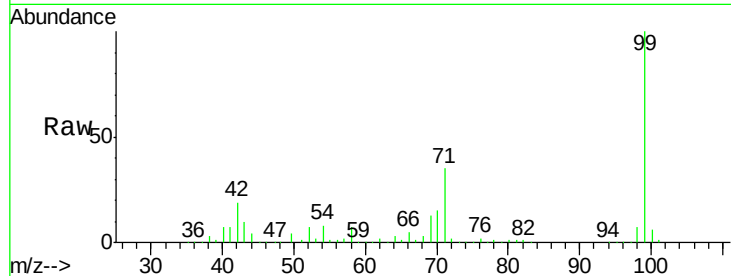
Tgt Ion: 99 Resp: 1496057

Ion Ratio Lower Upper

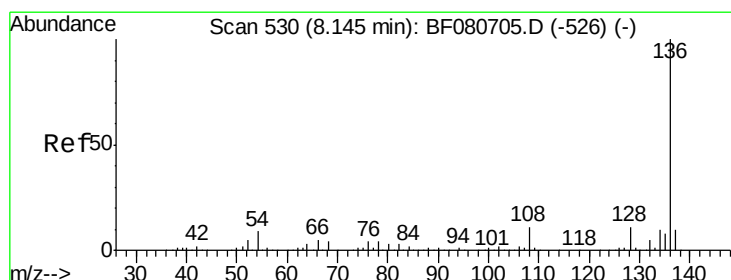
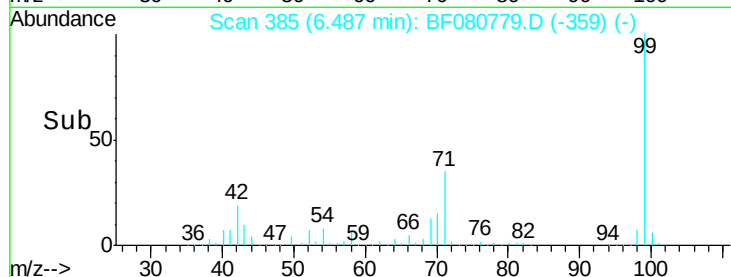
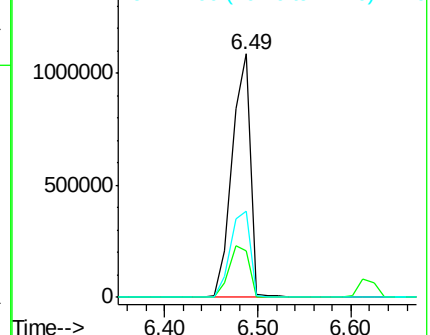
99 100

42 18.9 18.2 27.2

71 35.2 29.5 44.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

Tgt Ion: 136 Resp: 468659

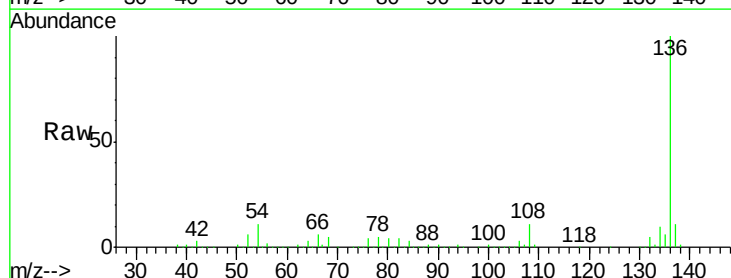
Ion Ratio Lower Upper

136 100

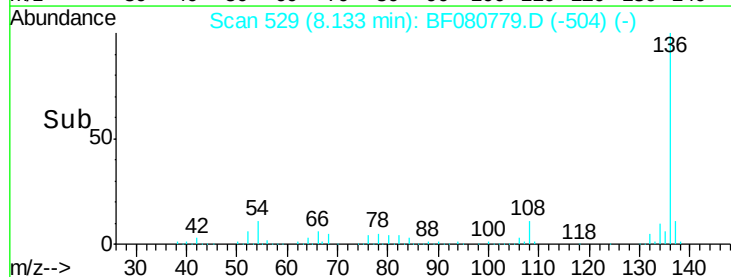
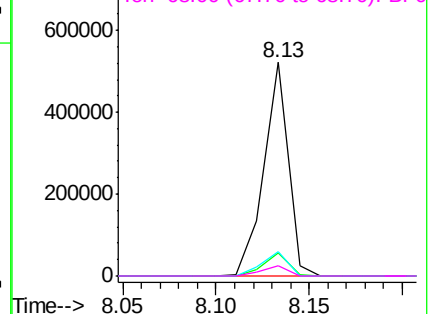
137 11.0 8.4 12.6

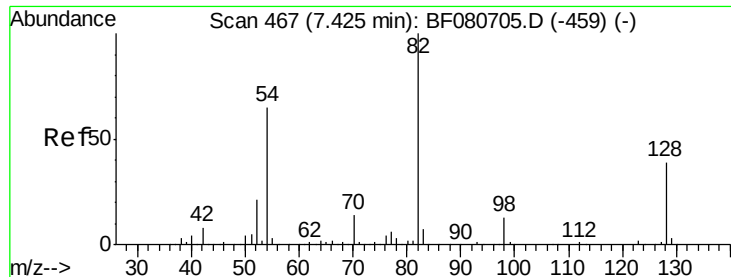
54 11.1 6.9 10.3#

68 5.0 3.5 5.3



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

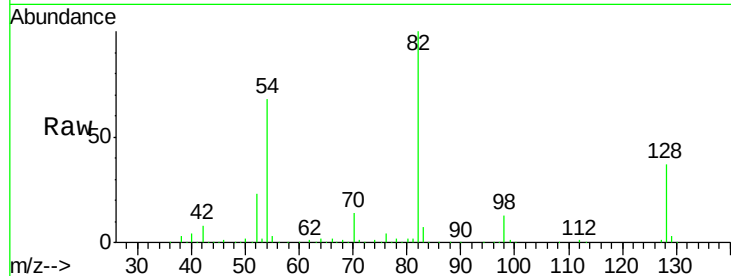




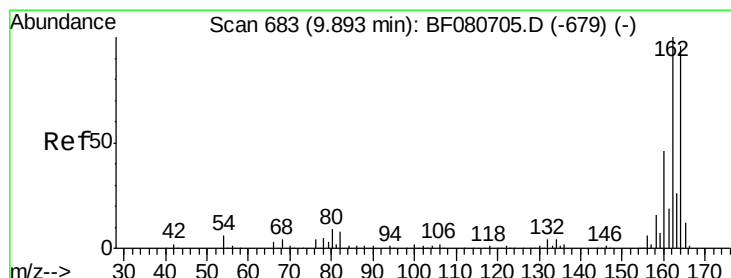
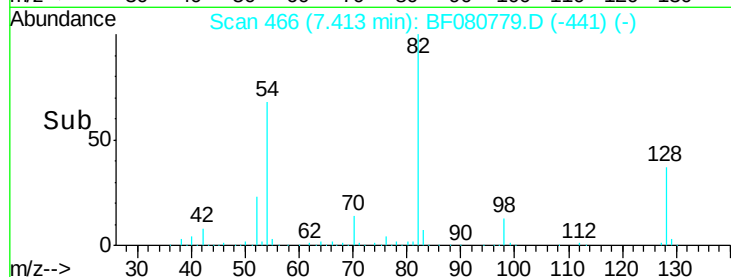
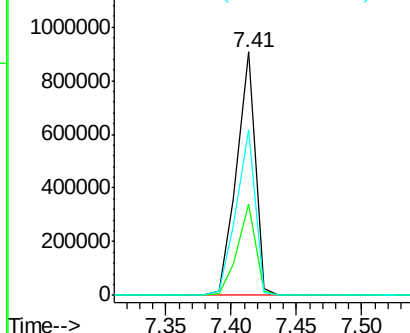
#23
 Nitrobenzene-d5
 Concen: 93.10 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080779.D
 Acq: 1 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 WCS2-072315

Tgt Ion: 82 Resp: 900971
 Ion Ratio Lower Upper
 82 100
 128 37.3 31.5 47.3
 54 68.1 51.8 77.8

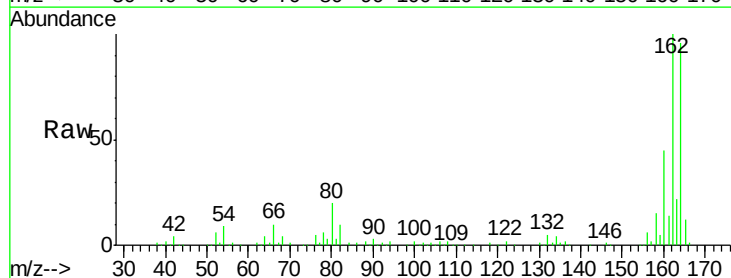


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

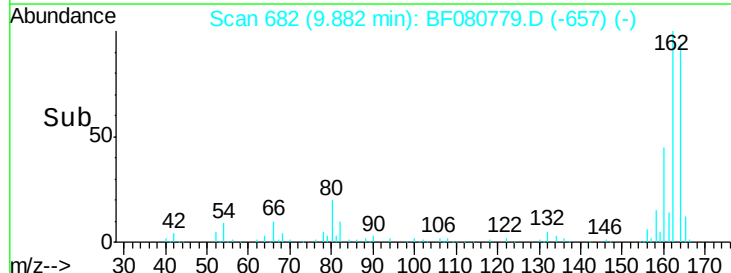
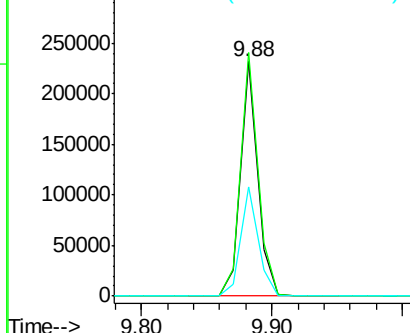


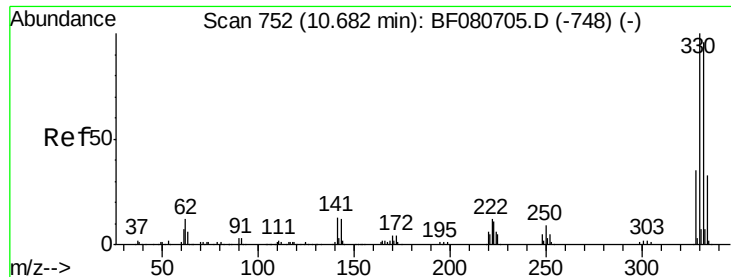
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF080779.D
 Acq: 1 Aug 2015 14:21

Tgt Ion: 164 Resp: 209708
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.4 125.0
 160 46.8 38.0 57.0



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

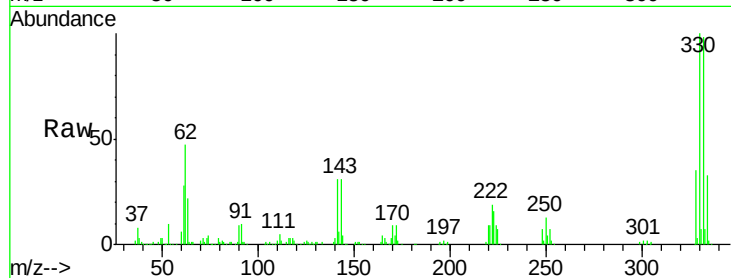




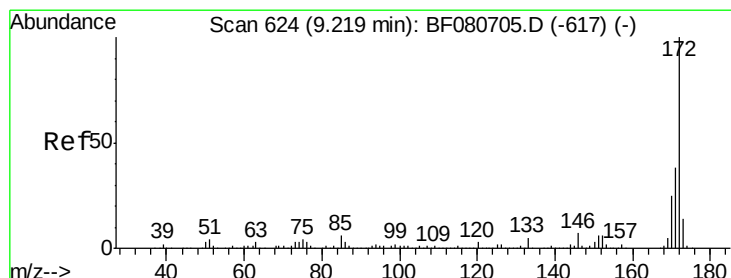
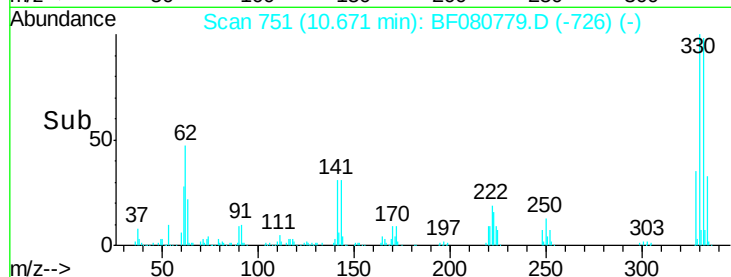
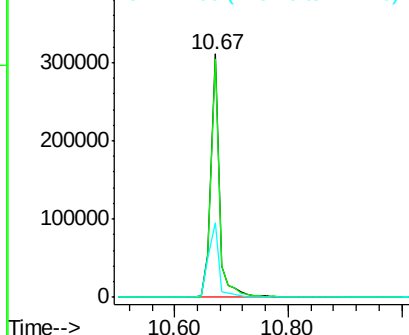
#41
 2,4,6-Tribromophenol
 Concen: 143.48 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080779.D
 Acq: 1 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 WCS2-072315

Tgt Ion:330 Resp: 312220
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 37.4 26.0 39.0

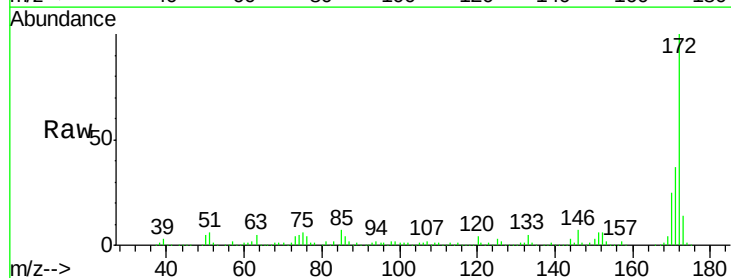


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

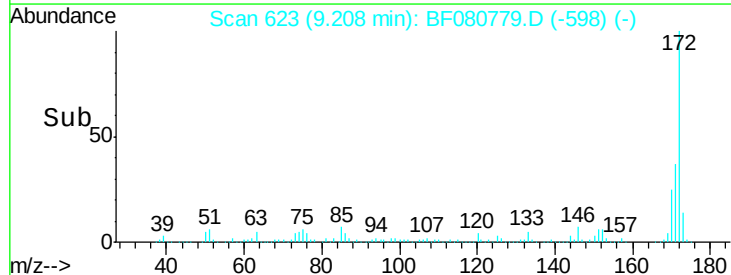
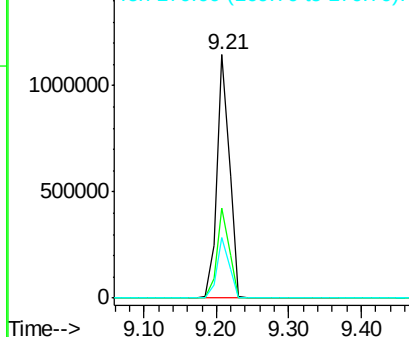


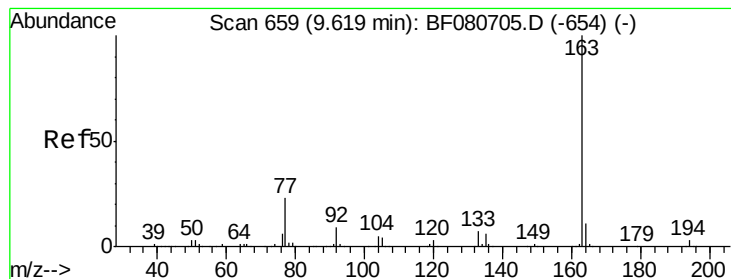
#44
 2-Fluorobiphenyl
 Concen: 97.45 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080779.D
 Acq: 1 Aug 2015 14:21

Tgt Ion:172 Resp: 1369869
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.2 45.4
 170 25.1 20.2 30.2



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: 6.18 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

WCS2-072315

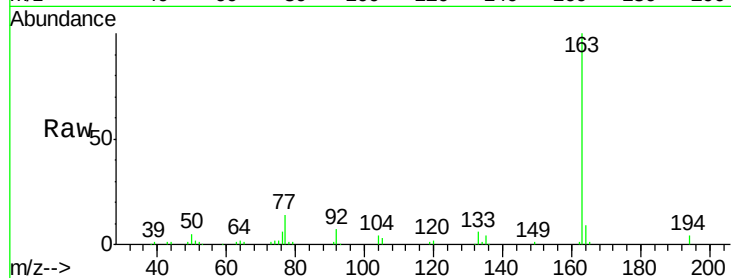
Tgt Ion:163 Resp: 91392

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

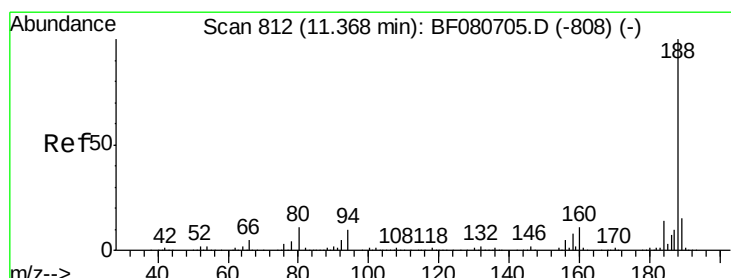
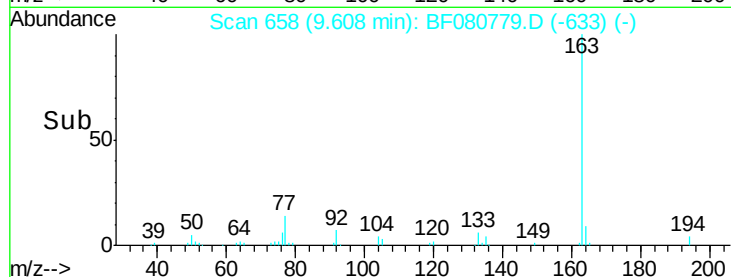
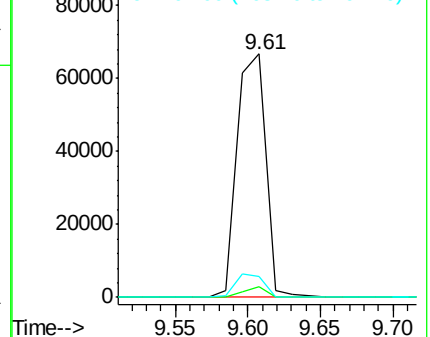
164 8.7 8.7 13.1#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

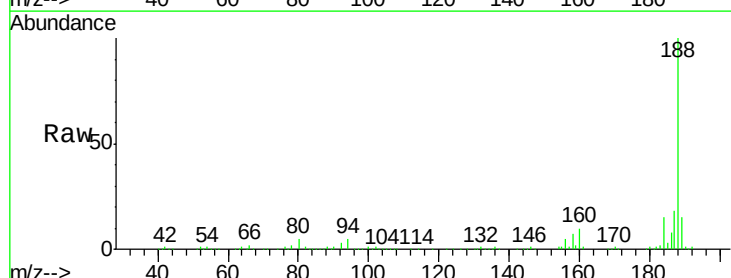
Tgt Ion:188 Resp: 392078

Ion Ratio Lower Upper

188 100

94 5.3 8.1 12.1#

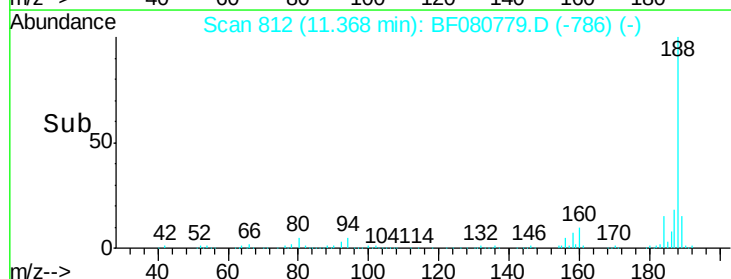
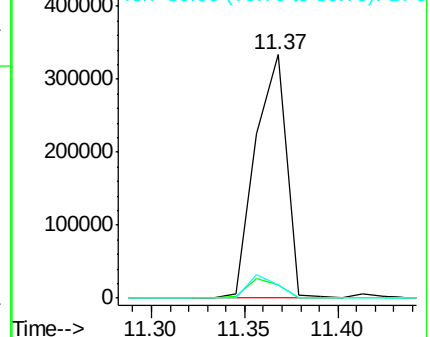
80 5.2 9.1 13.7#

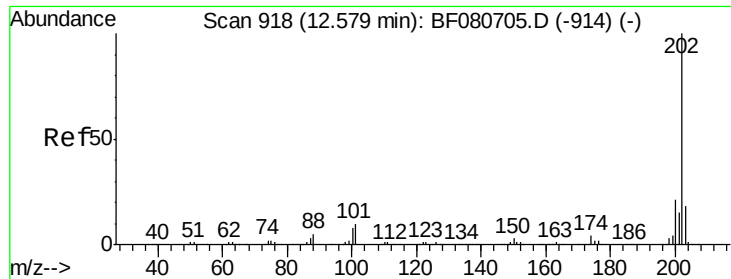


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

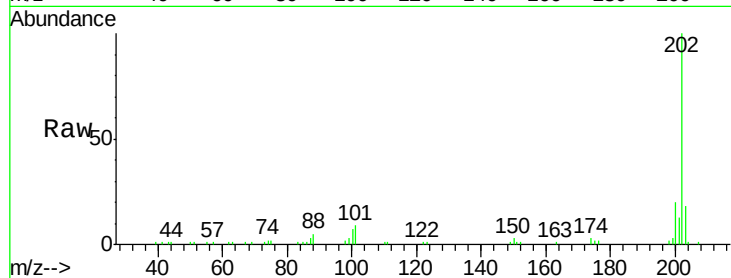




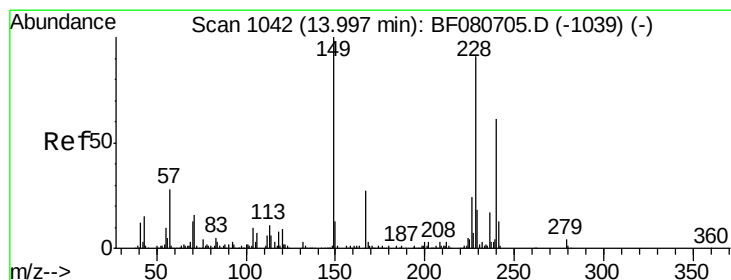
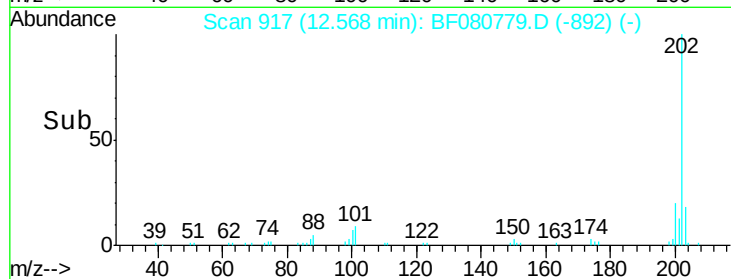
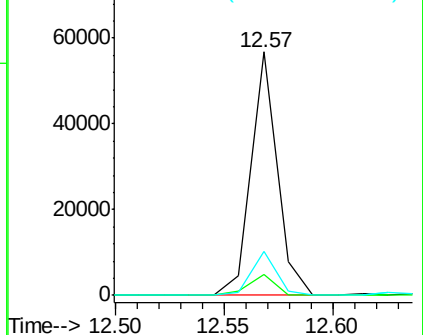
#74
 Fluoranthene
 Concen: 2.48 ng
 RT: 12.57 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF080779.D
 Acq: 1 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 WCS2-072315

Tgt Ion: 202 Resp: 47423
 Ion Ratio Lower Upper
 202 100
 101 8.7 0.0 29.6
 203 18.0 0.0 37.8

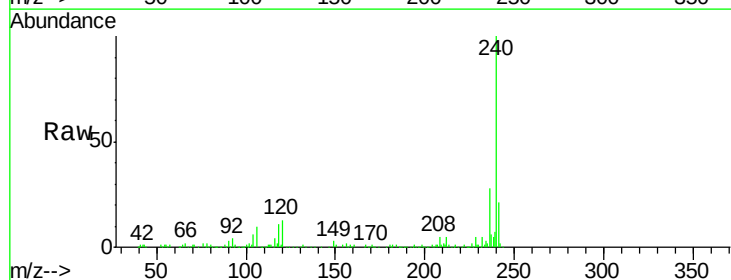


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

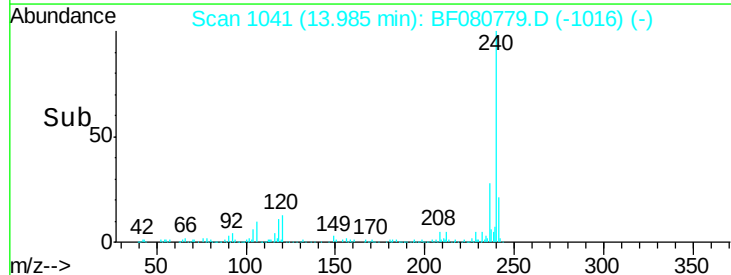
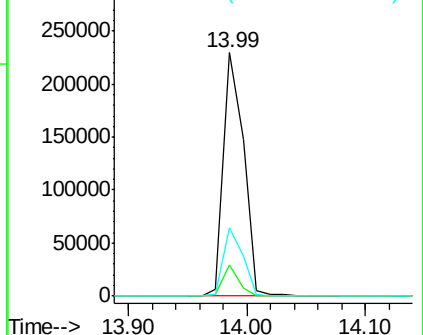


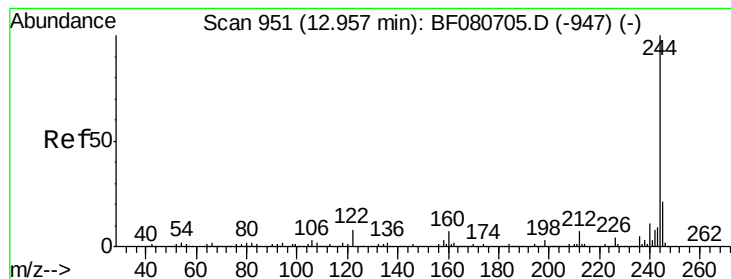
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080779.D
 Acq: 1 Aug 2015 14:21

Tgt Ion: 240 Resp: 270144
 Ion Ratio Lower Upper
 240 100
 120 12.6 11.8 17.8
 236 27.8 21.8 32.8



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: 86.08 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

WCS2-072315

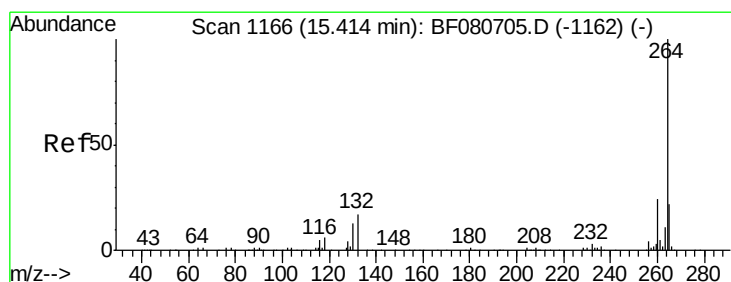
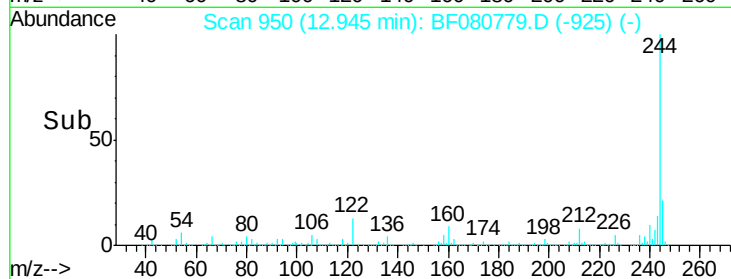
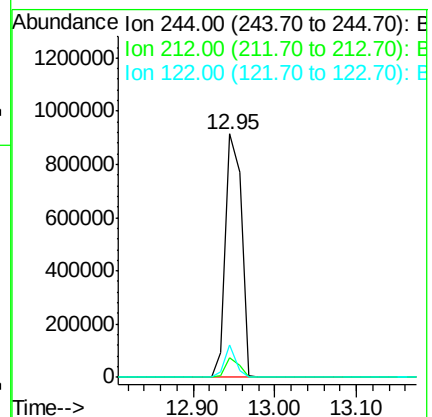
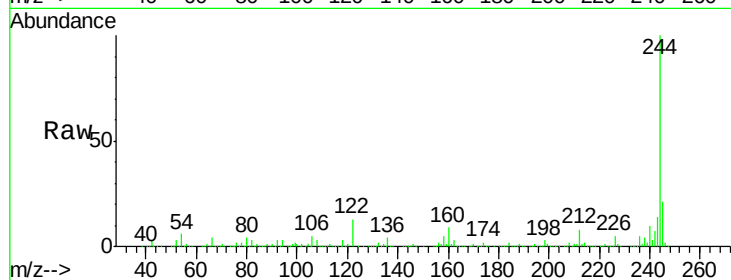
Tgt Ion:244 Resp: 1229467

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

122 13.5 6.6 9.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

Tgt Ion:264 Resp: 252993

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.0

265 21.6 17.3 25.9

