

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084776.D
 Acq On : 3 Feb 2016 6:40
 Operator : SJ/IZ
 Sample : H1313-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-21-012916

Quant Time: Feb 03 07:34:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

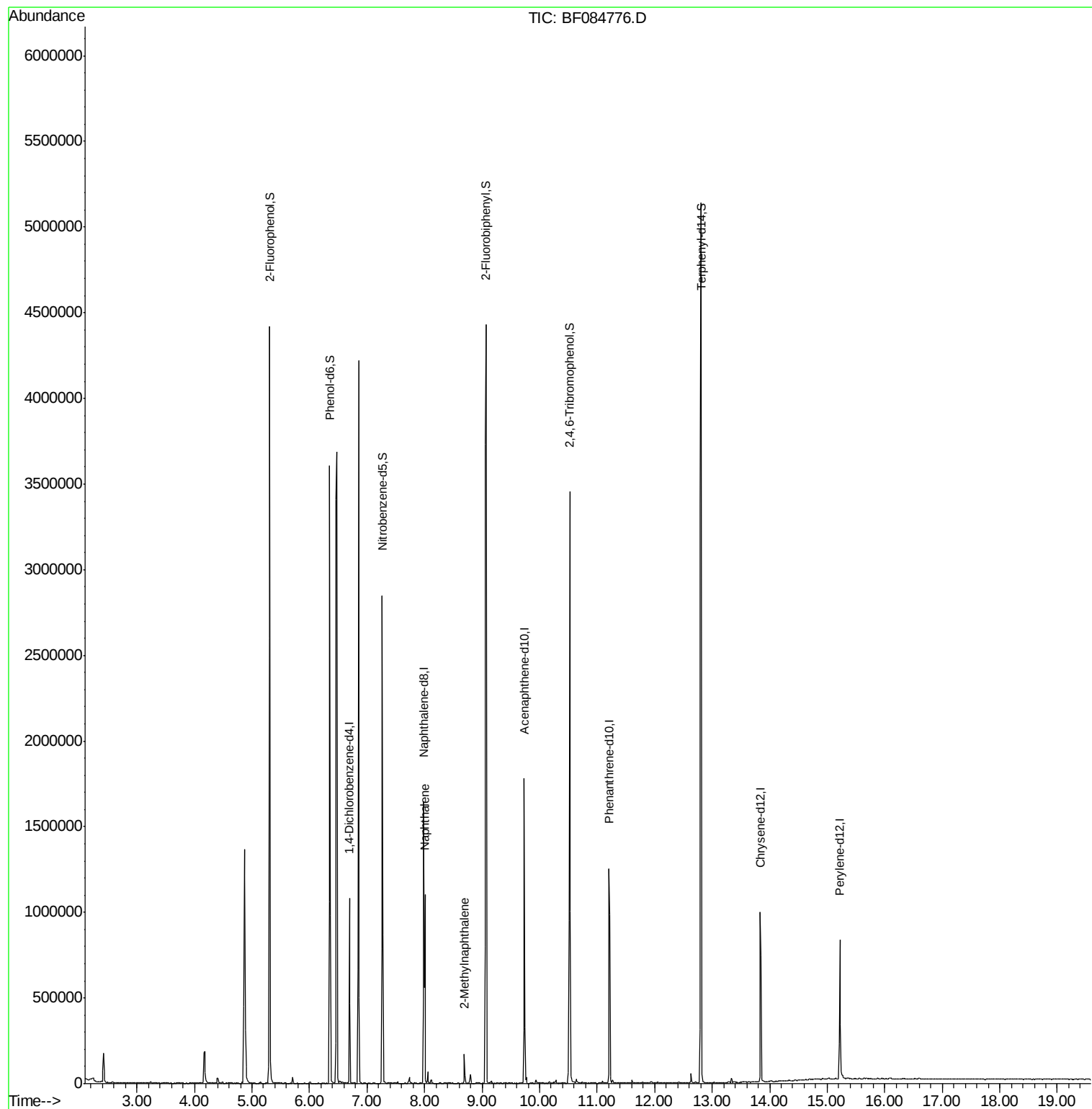
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	172249	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	751640	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	349702	20.00	ng	-0.03
63) Phenanthrene-d10	11.21	188	639765	20.00	ng	-0.03
75) Chrysene-d12	13.84	240	466333	20.00	ng	-0.03
86) Perylene-d12	15.22	264	366098	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1404042	126.96	ng	0.00
7) Phenol-d6	6.35	99	1385562	101.07	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1035337	77.59	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	477191	130.82	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2075359	111.62	ng	-0.02
78) Terphenyl-d14	12.81	244	2002615	97.31	ng	-0.02
Target Compounds						
31) Naphthalene	8.01	128	555786	14.74	ng	98
37) 2-Methylnaphthalene	8.69	142	49413	2.09	ng	97

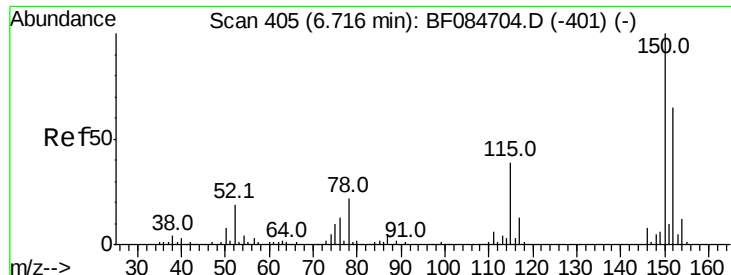
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084776.D

Acq: 3 Feb 2016 6:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-21-012916

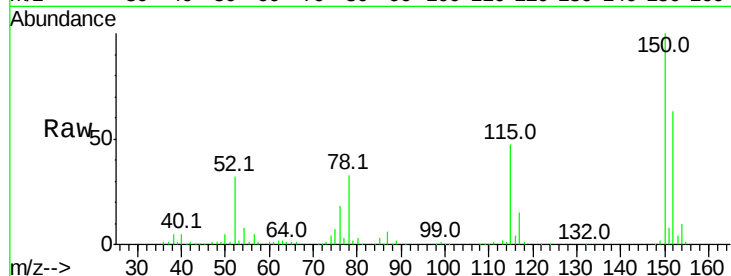
Tot Ion:152 Resp: 172249

Ion Ratio Lower Upper

152 100

150 159.6 123.0 184.4

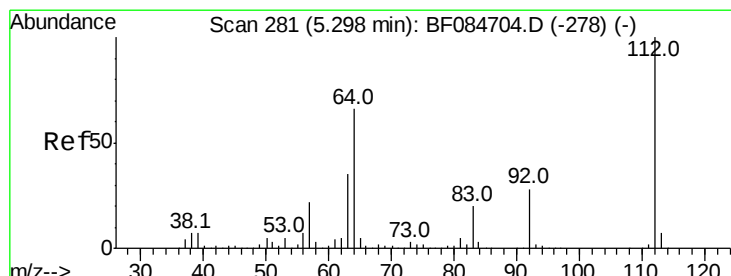
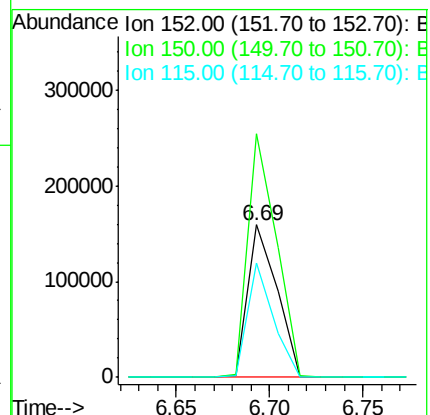
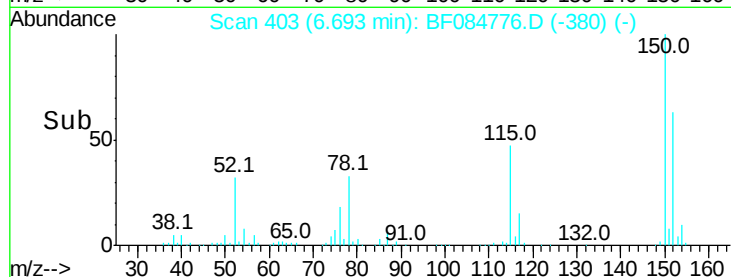
115 74.8 51.4 77.2



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: 126.96 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084776.D

Acq: 3 Feb 2016 6:40

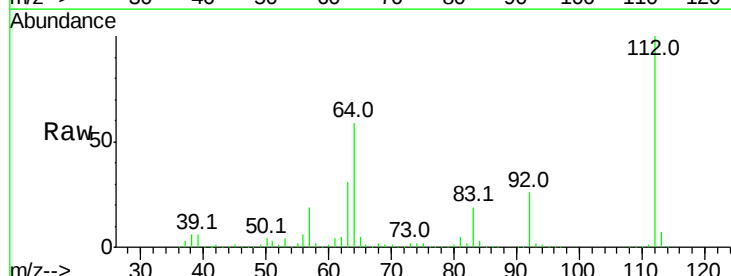
Tgt Ion:112 Resp: 1404042

Ion Ratio Lower Upper

112 100

64 58.8 36.6 55.0#

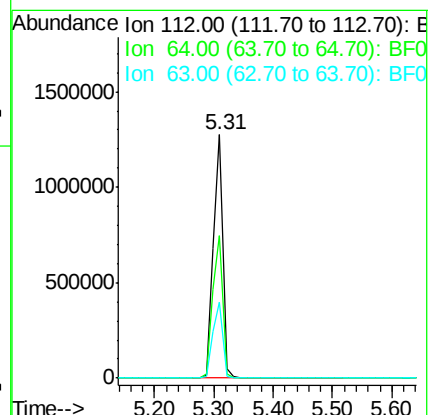
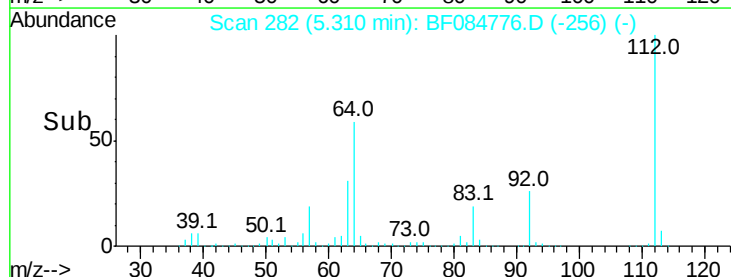
63 31.2 19.4 29.0#

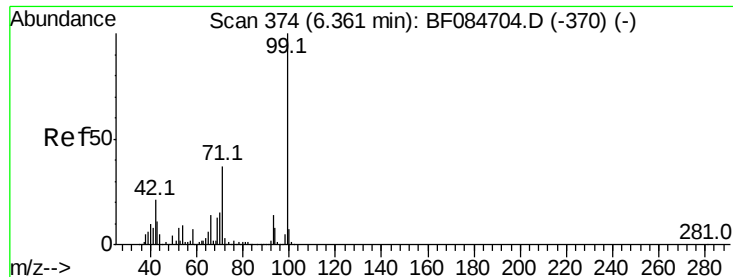


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.07 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084776.D

Acq: 3 Feb 2016 6:40

Instrument :

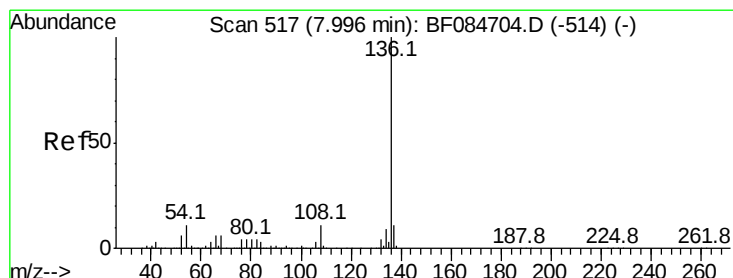
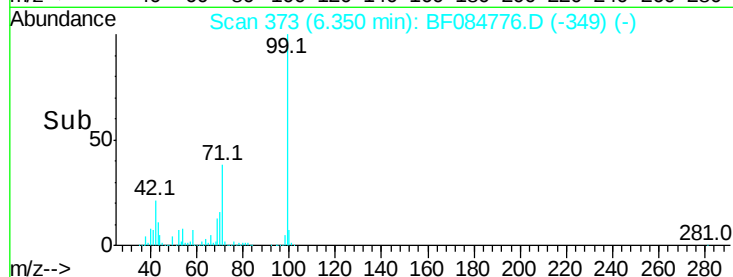
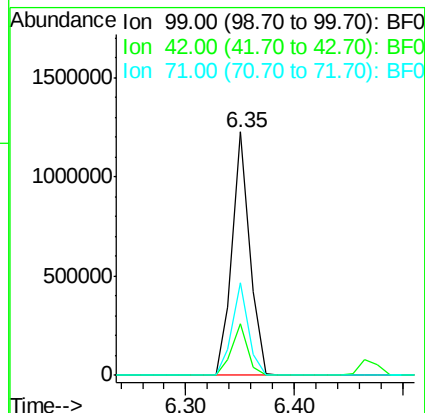
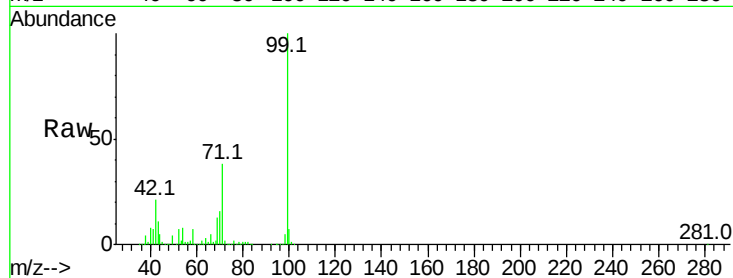
BNA_F

ClientSampleId :

HSR-WC-21-012916

Tot Ion: 99 Resp: 1385562

Ion	Ratio	Lower	Upper
99	100		
42	21.1	12.8	19.2#
71	38.0	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

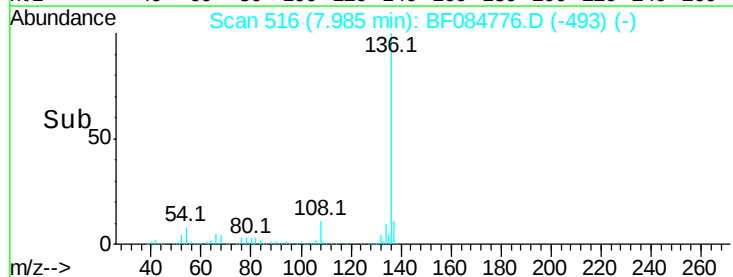
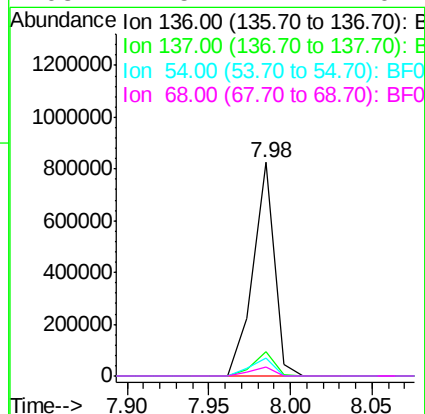
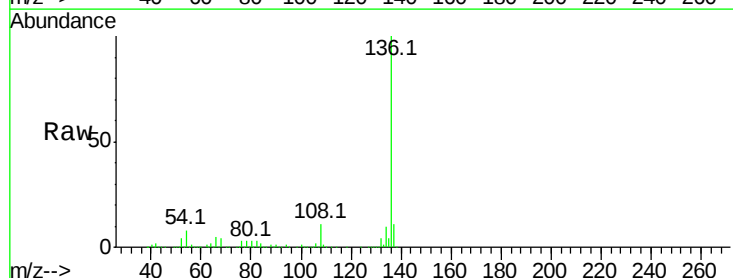
Delta R.T. -0.03 min

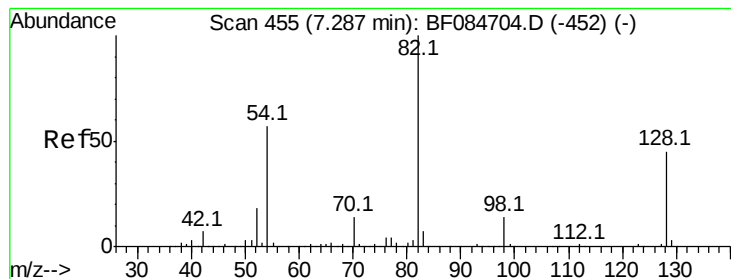
Lab File: BF084776.D

Acq: 3 Feb 2016 6:40

Tgt Ion: 136 Resp: 751640

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.1	5.8	8.8
68	4.5	4.2	6.2





#23

Nitrobenzene-d5

Concen: 77.59 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF084776.D

Acq: 3 Feb 2016 6:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-21-012916

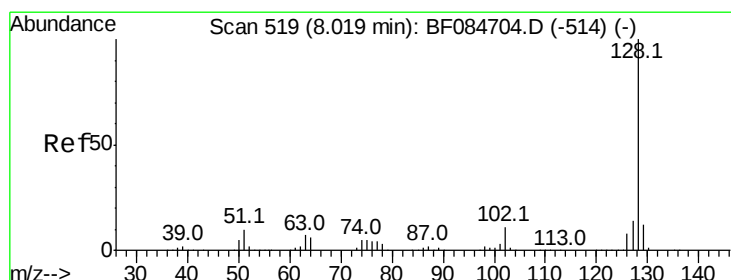
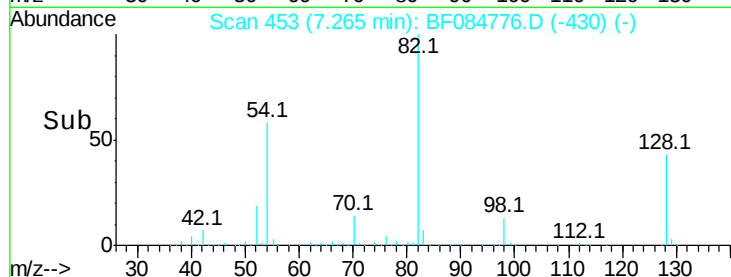
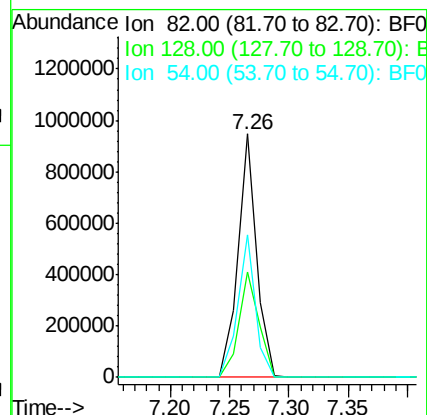
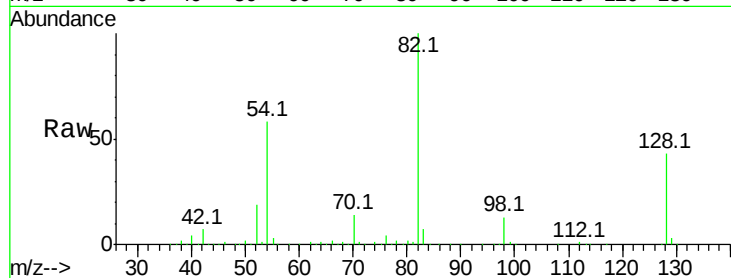
Tot Ion: 82 Resp: 1035337

Ion Ratio Lower Upper

82 100

128 43.2 34.6 51.8

54 58.4 38.4 57.6#



#31

Naphthalene

Concen: 14.74 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084776.D

Acq: 3 Feb 2016 6:40

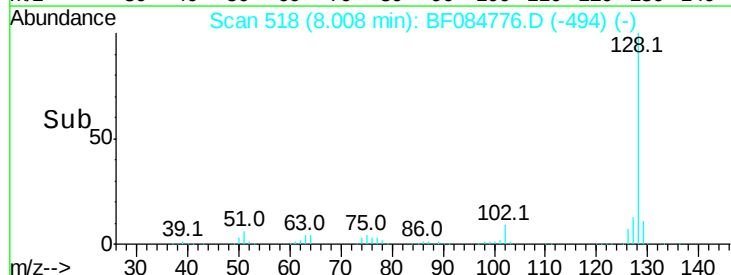
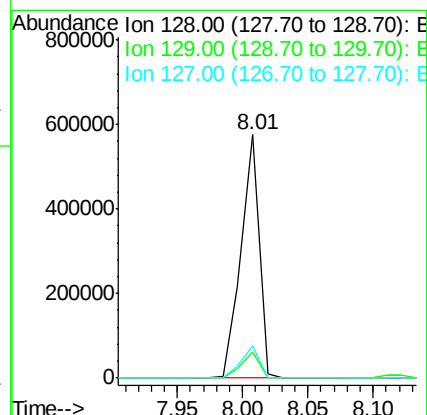
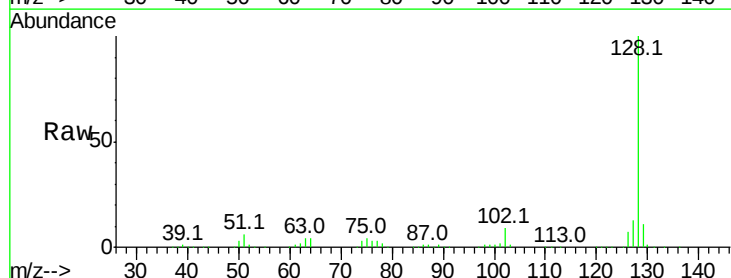
Tgt Ion:128 Resp: 555786

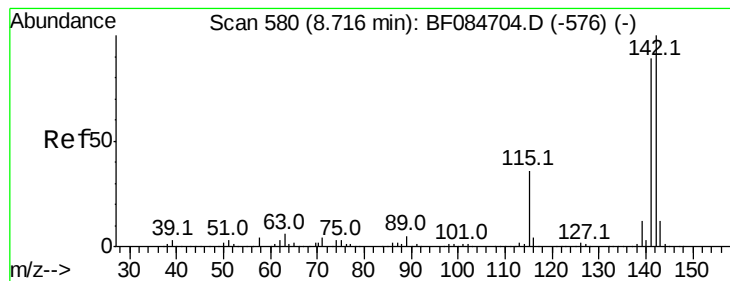
Ion Ratio Lower Upper

128 100

129 10.8 9.1 13.7

127 13.1 11.1 16.7





#37

2-Methylnaphthalene

Concen: 2.09 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF084776.D

Acq: 3 Feb 2016 6:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-21-012916

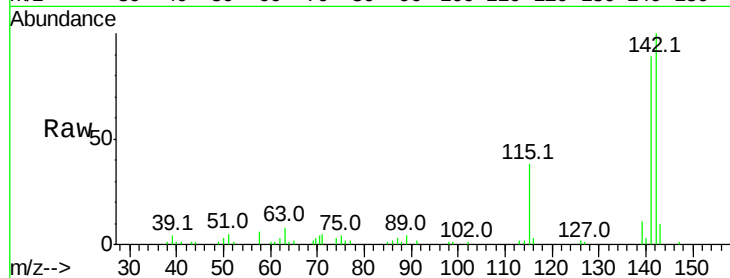
Tot Ion:142 Resp: 49413

Ion Ratio Lower Upper

142 100

141 89.2 72.4 108.6

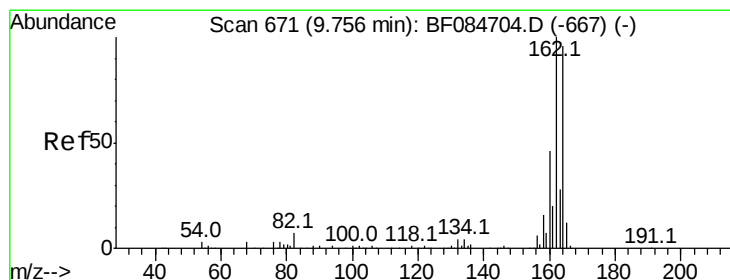
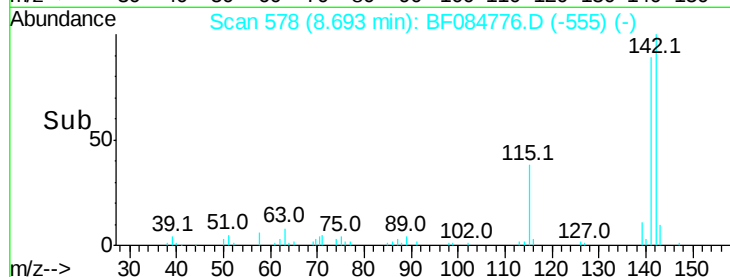
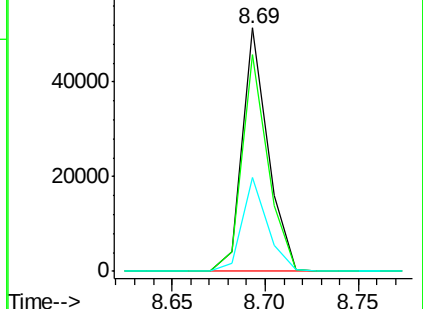
115 38.4 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084776.D

Acq: 3 Feb 2016 6:40

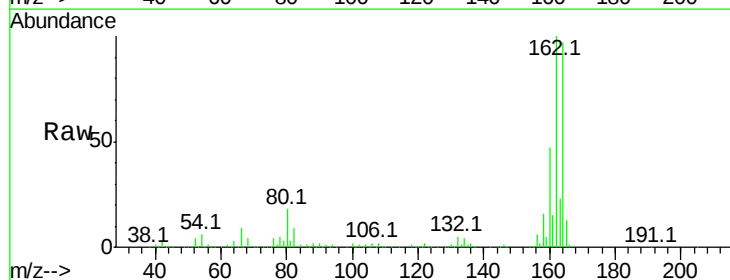
Tgt Ion:164 Resp: 349702

Ion Ratio Lower Upper

164 100

162 103.5 85.1 127.7

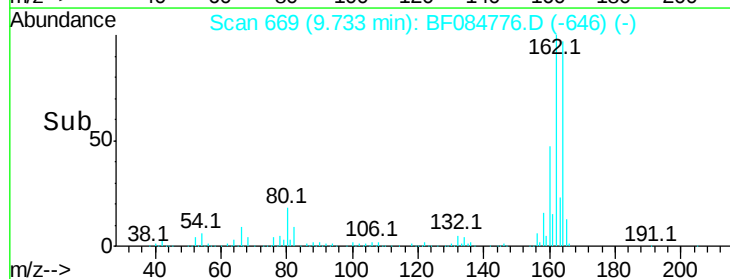
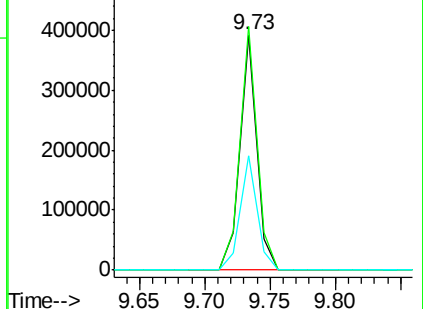
160 48.4 37.5 56.3

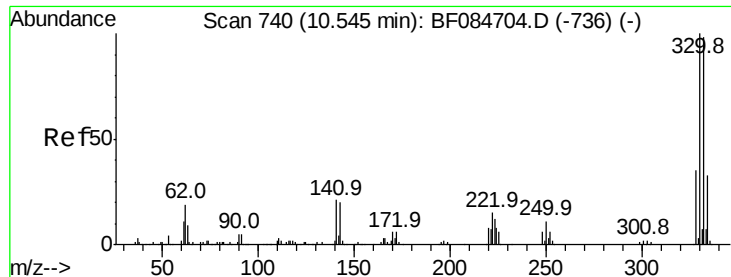


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

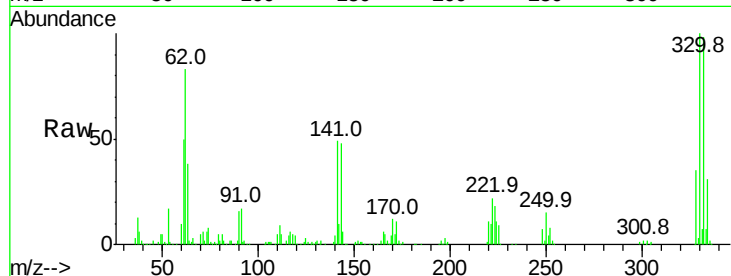




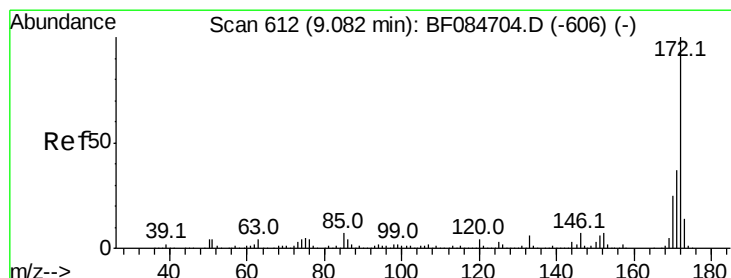
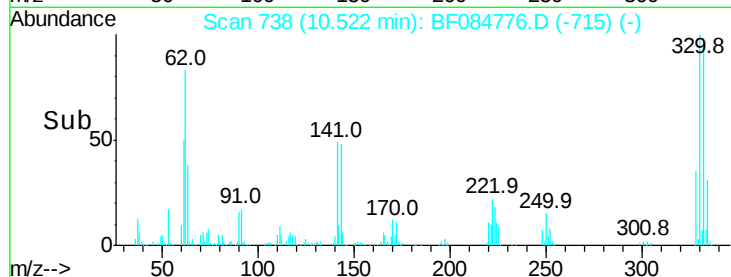
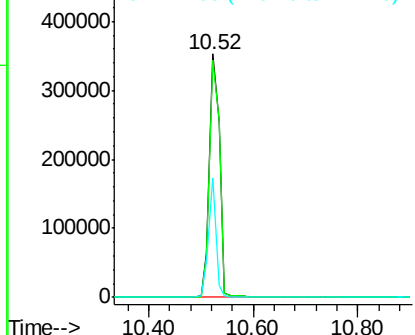
#41
 2,4,6-Tribromophenol
 Concen: 130.82 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF084776.D
 Acq: 3 Feb 2016 6:40

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-21-012916

Tot Ion:330 Resp: 477191
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 36.0 27.8 41.6

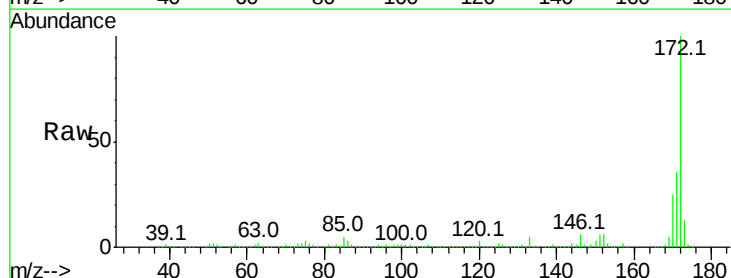


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

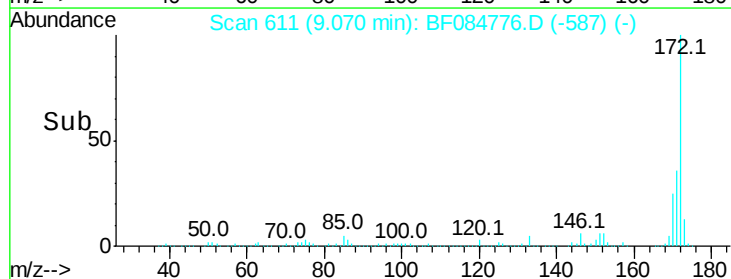
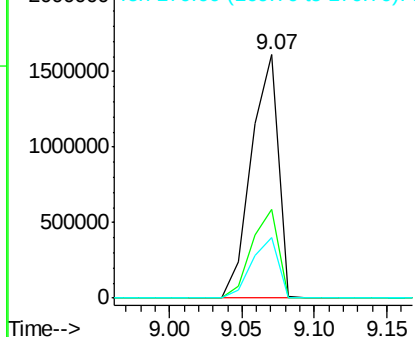


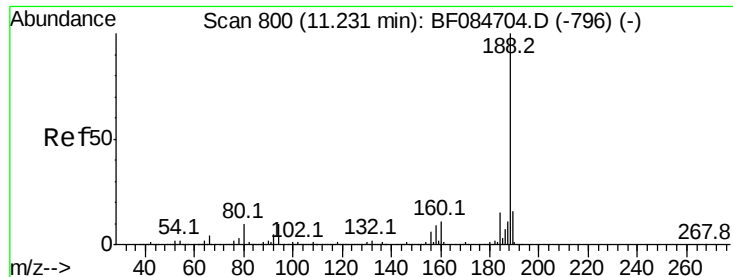
#44
 2-Fluorobiphenyl
 Concen: 111.62 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084776.D
 Acq: 3 Feb 2016 6:40

Tgt Ion:172 Resp: 2075359
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 25.1 18.6 27.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.03 min

Lab File: BF084776.D

Acq: 3 Feb 2016 6:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-21-012916

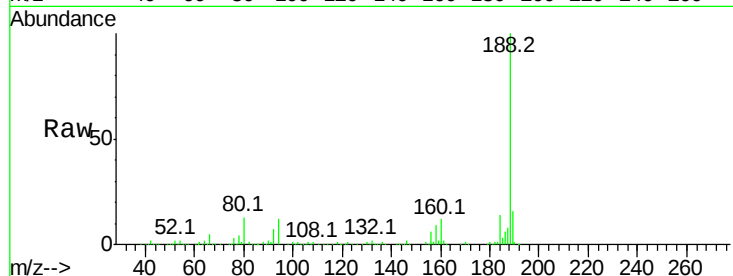
Tot Ion:188 Resp: 639765

Ion Ratio Lower Upper

188 100

94 11.5 9.0 13.4

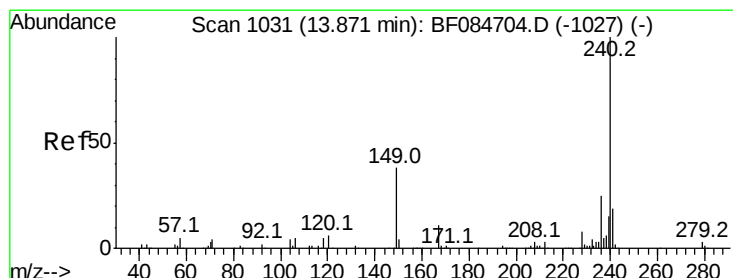
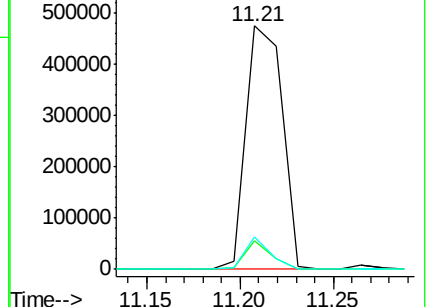
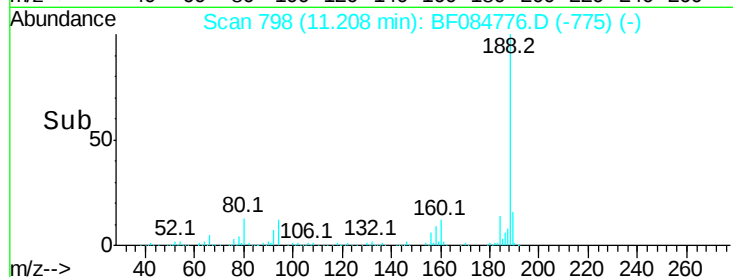
80 13.3 9.6 14.4



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: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF084776.D

Acq: 3 Feb 2016 6:40

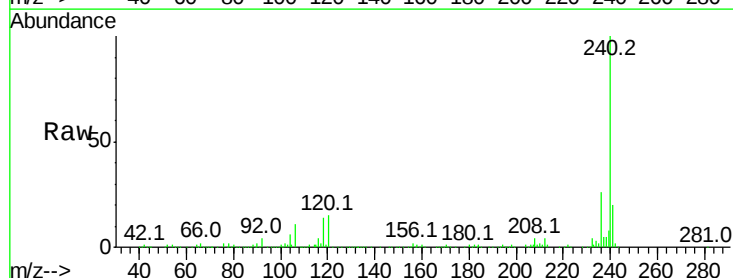
Tgt Ion:240 Resp: 466333

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

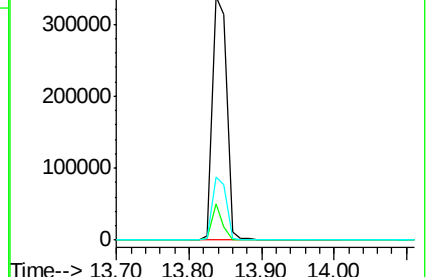
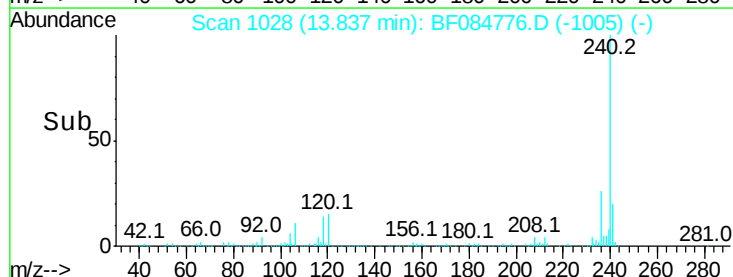
236 26.1 20.6 31.0

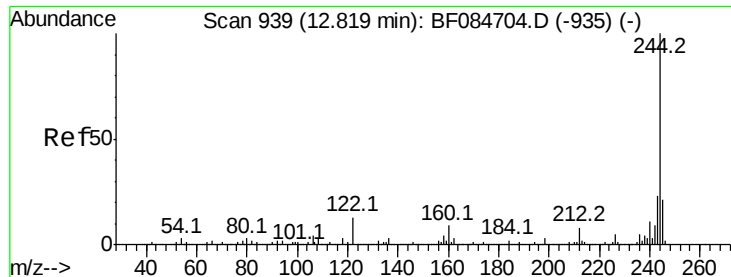


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.31 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084776.D

Acq: 3 Feb 2016 6:40

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HSR-WC-21-012916

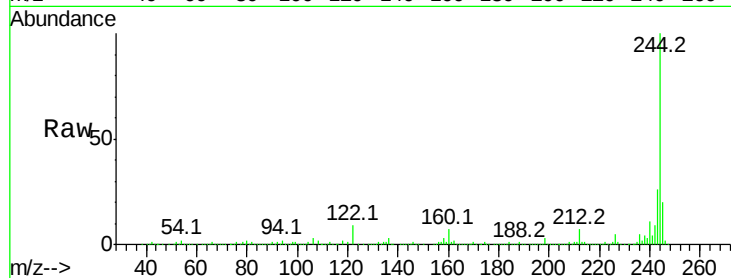
Tot Ion:244 Resp: 2002615

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

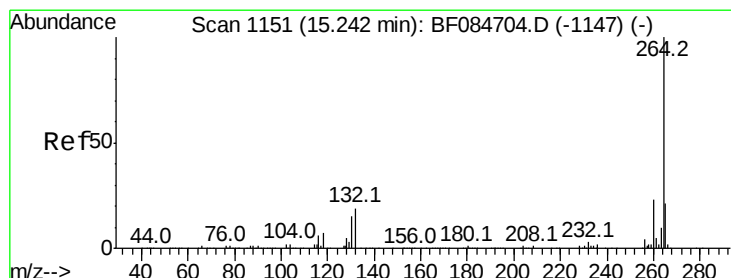
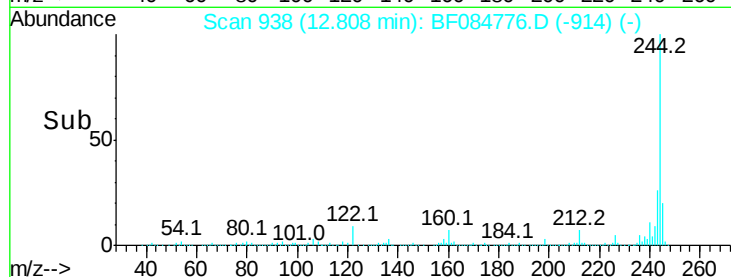
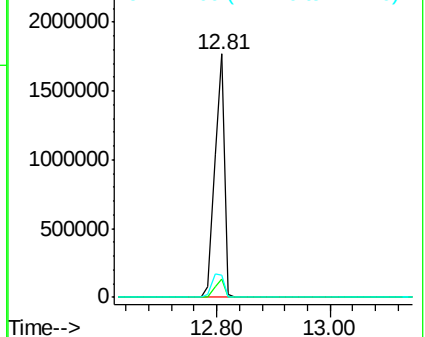
122 9.2 7.4 11.0



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: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF084776.D

Acq: 3 Feb 2016 6:40

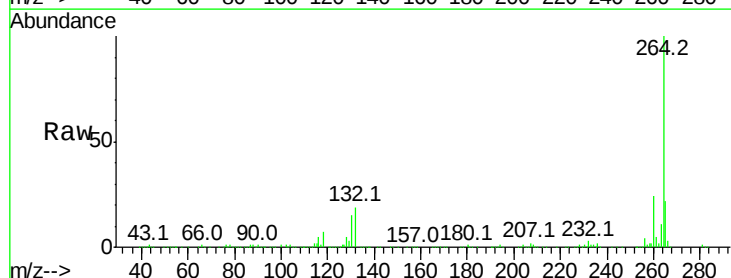
Tgt Ion:264 Resp: 366098

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 22.4 17.8 26.6



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

