

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084780.D
 Acq On : 3 Feb 2016 8:31
 Operator : SJ/IZ
 Sample : H1313-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-25-012916

Quant Time: Feb 03 09:49:54 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

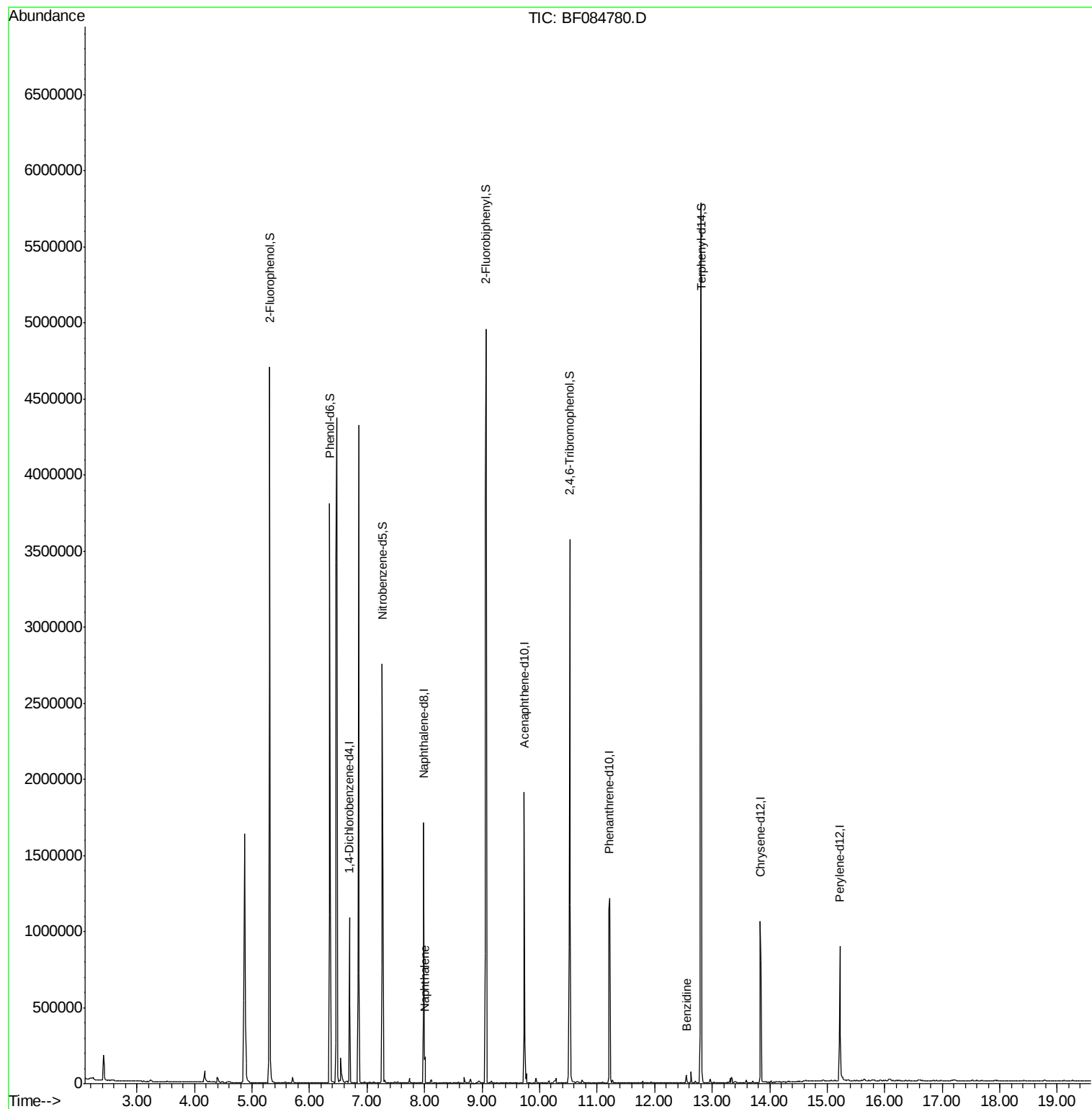
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	178044	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	776072	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	367082	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	666470	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	497373	20.00	ng	-0.03
86) Perylene-d12	15.22	264	395705	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1475470	129.08	ng	0.00
7) Phenol-d6	6.35	99	1532003	108.11	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1150740	83.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	507854	132.63	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2226502	116.61	ng	-0.02
78) Terphenyl-d14	12.81	244	2126019	96.86	ng	-0.02
Target Compounds						
31) Naphthalene	8.01	128	90665	2.33	ng	98
76) Benzidine	12.56	184	32026	8.10	ng	97

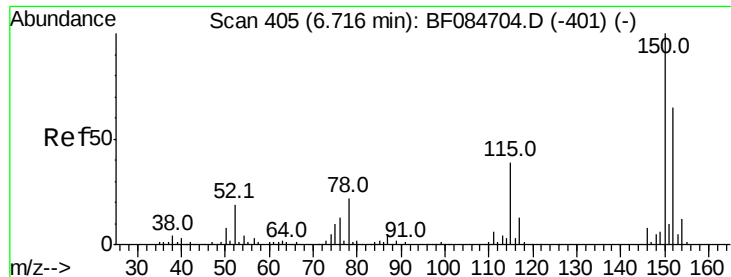
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084780.D

Acq: 3 Feb 2016 8:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-25-012916

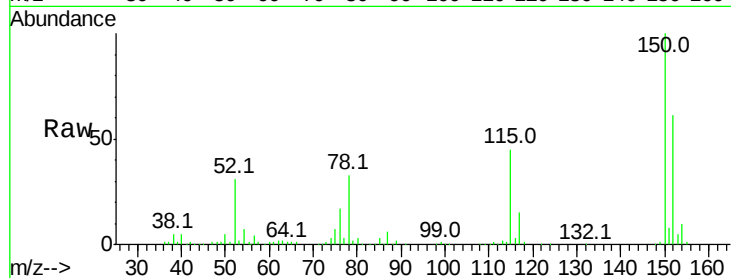
Tot Ion:152 Resp: 178044

Ion Ratio Lower Upper

152 100

150 164.8 123.0 184.4

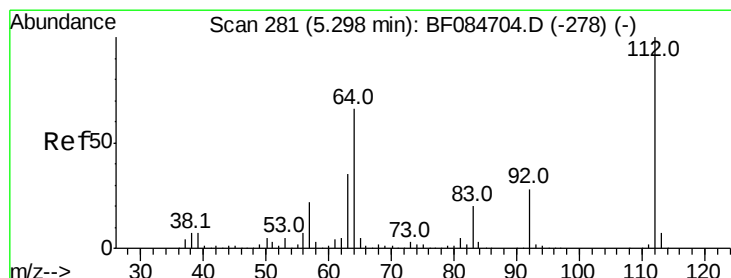
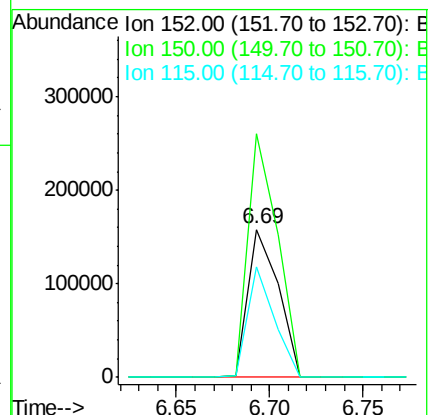
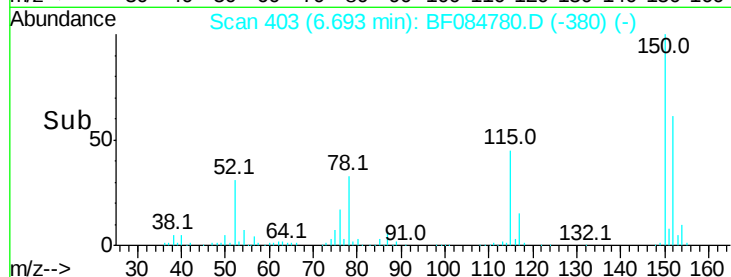
115 74.8 51.4 77.2



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: 129.08 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084780.D

Acq: 3 Feb 2016 8:31

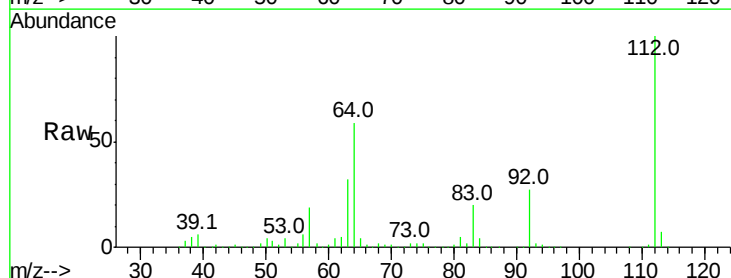
Tgt Ion:112 Resp: 1475470

Ion Ratio Lower Upper

112 100

64 59.2 36.6 55.0#

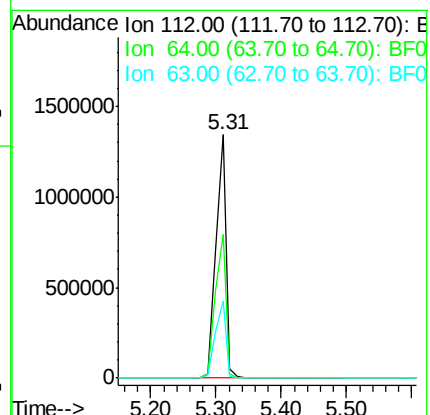
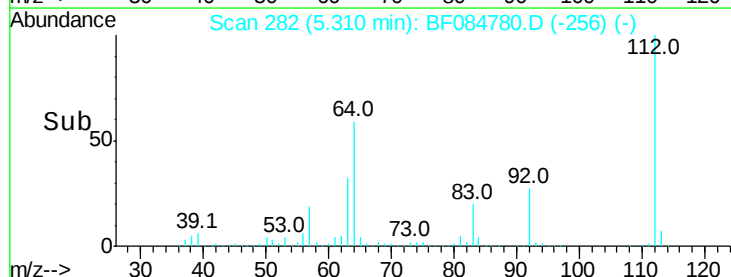
63 31.6 19.4 29.0#

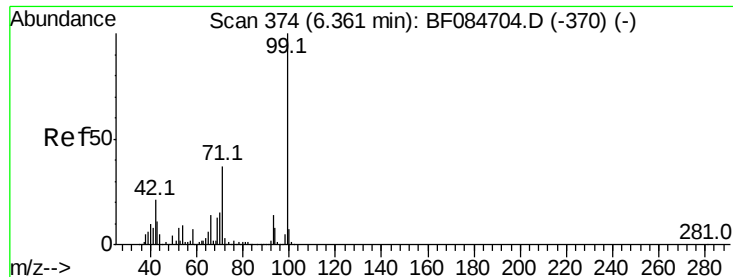


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.11 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084780.D

Acq: 3 Feb 2016 8:31

Instrument :

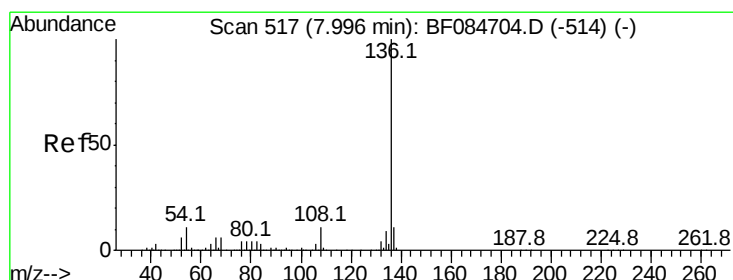
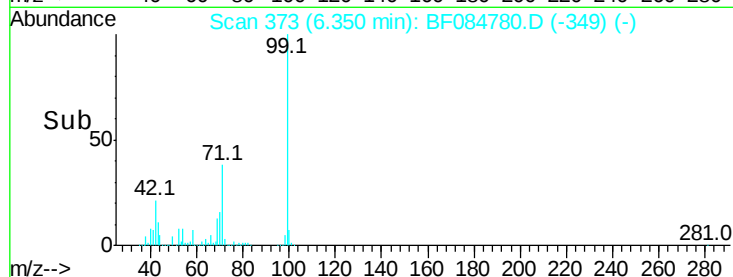
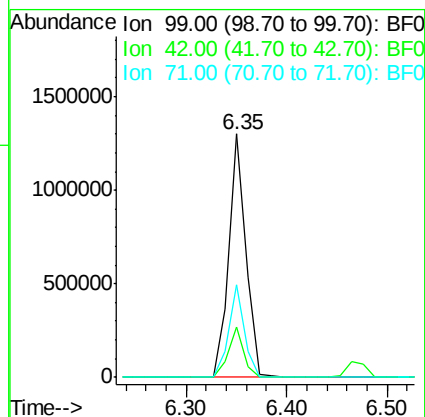
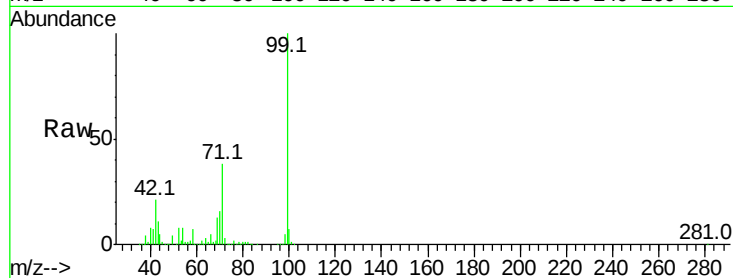
BNA_F

ClientSampleId :

HSR-WC-25-012916

Tot Ion: 99 Resp: 1532003

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	37.9	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

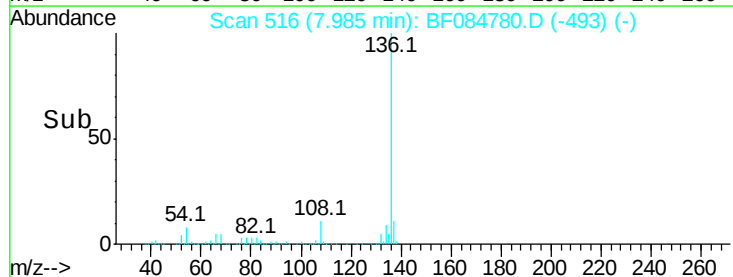
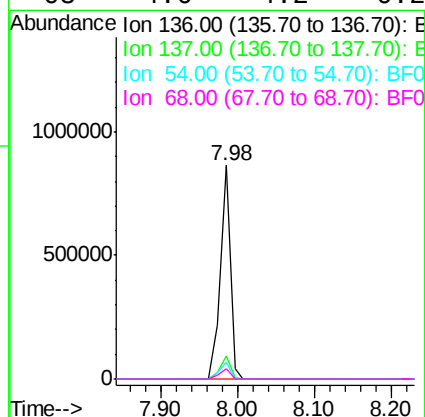
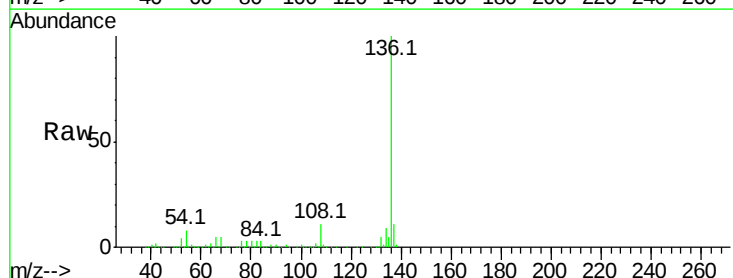
Delta R.T. -0.03 min

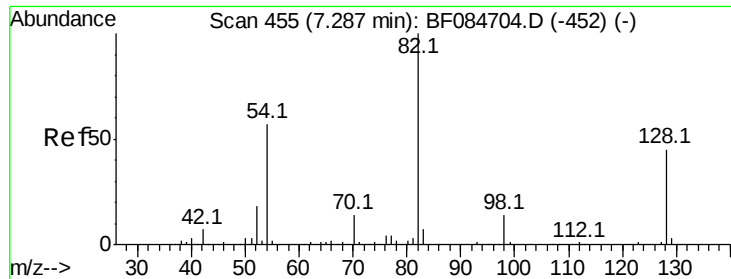
Lab File: BF084780.D

Acq: 3 Feb 2016 8:31

Tgt Ion: 136 Resp: 776072

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	5.8	8.8
68	4.6	4.2	6.2

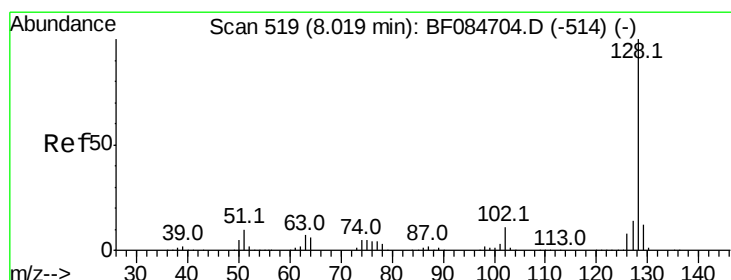
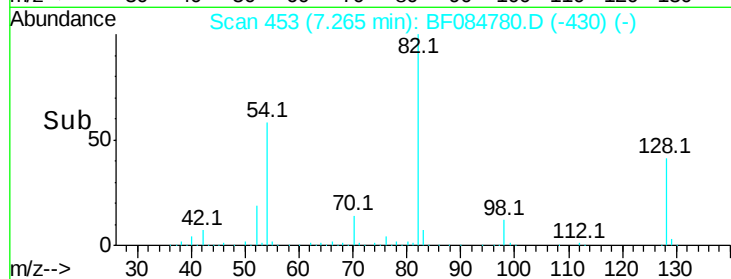
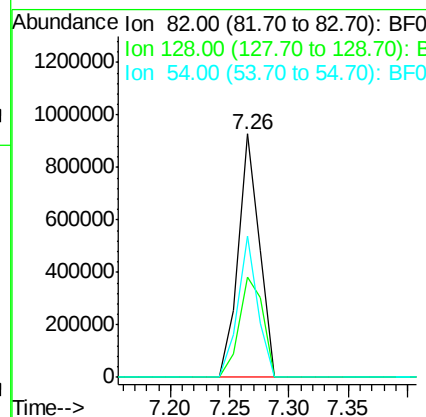
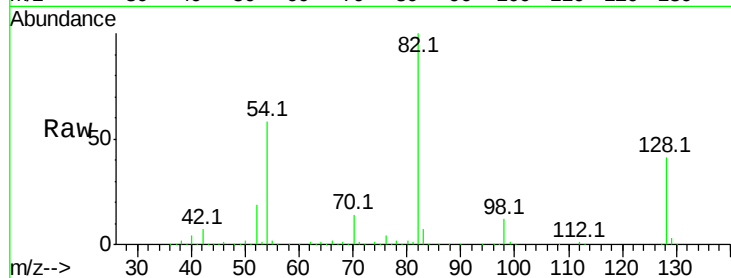




#23
 Nitrobenzene-d5
 Concen: 83.53 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF084780.D
 Acq: 3 Feb 2016 8:31

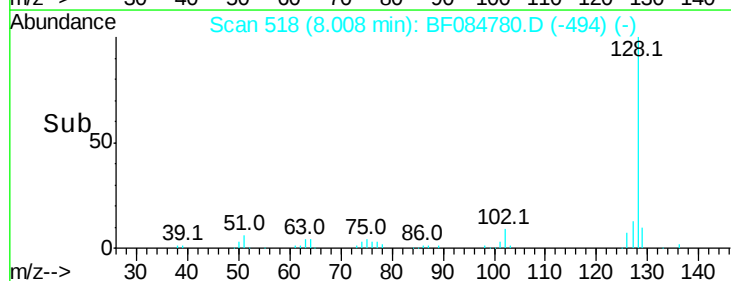
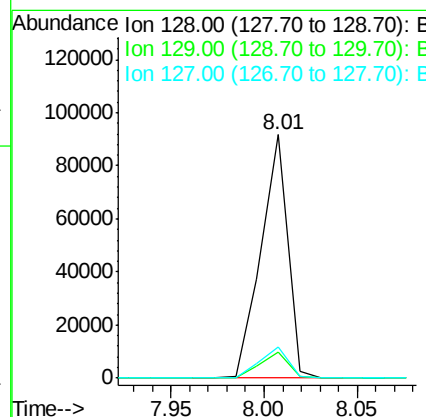
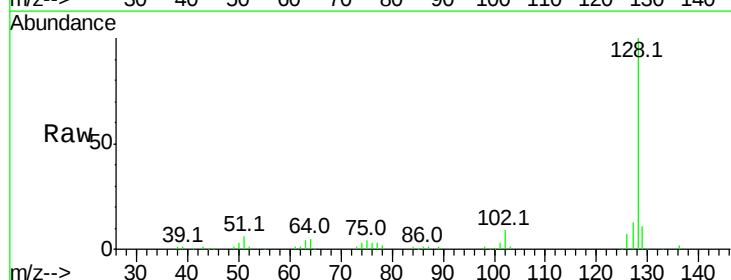
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-25-012916

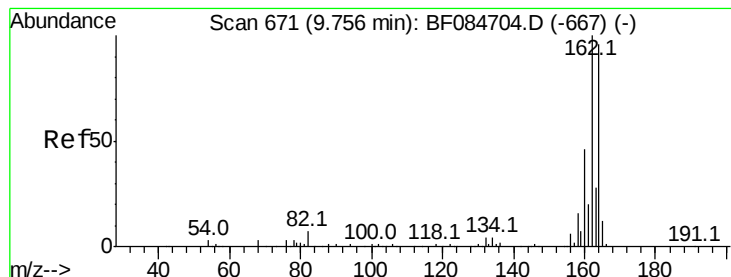
Tot Ion: 82 Resp: 1150740
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 51.8
 54 57.9 38.4 57.6#



#31
 Naphthalene
 Concen: 2.33 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF084780.D
 Acq: 3 Feb 2016 8:31

Tgt Ion: 128 Resp: 90665
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.1 13.7
 127 13.0 11.1 16.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084780.D

Acq: 3 Feb 2016 8:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-25-012916

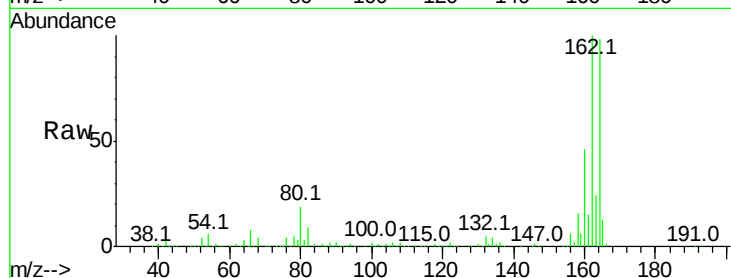
Tot Ion:164 Resp: 367082

Ion Ratio Lower Upper

164 100

162 101.8 85.1 127.7

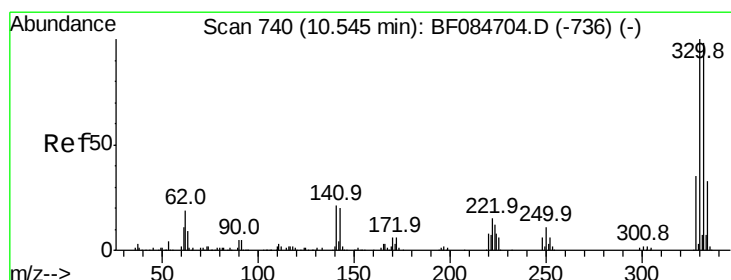
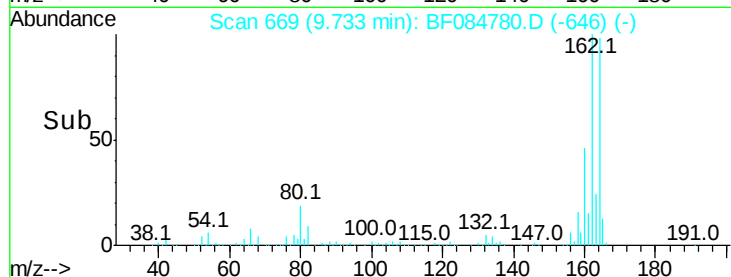
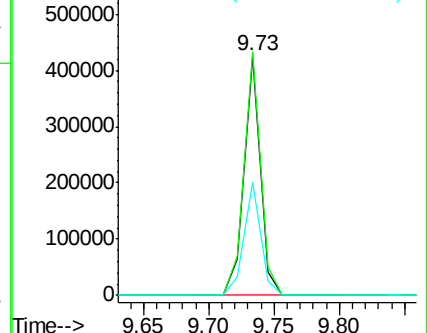
160 47.2 37.5 56.3



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: 132.63 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF084780.D

Acq: 3 Feb 2016 8:31

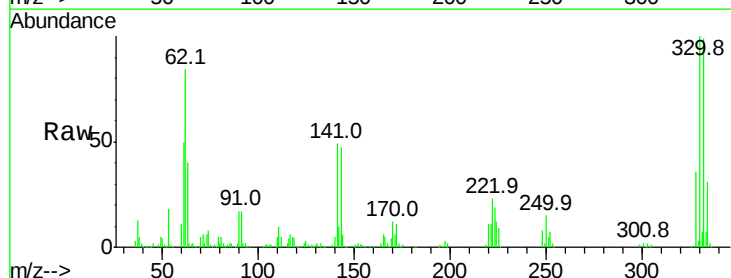
Tgt Ion:330 Resp: 507854

Ion Ratio Lower Upper

330 100

332 99.8 76.6 114.8

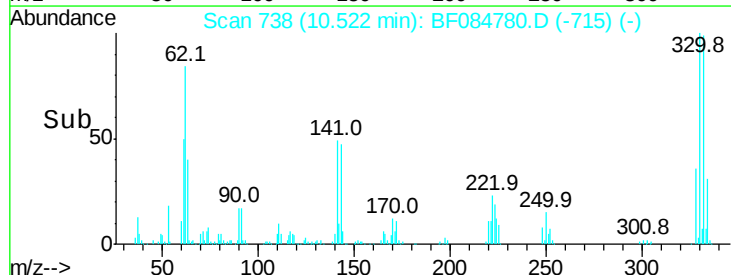
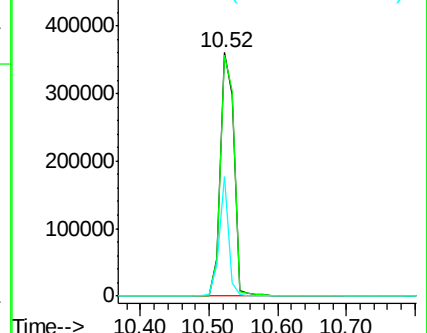
141 34.3 27.8 41.6

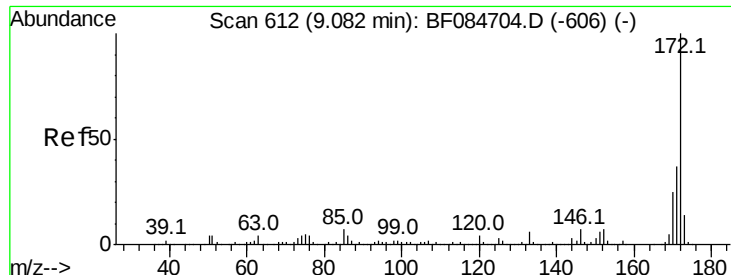


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



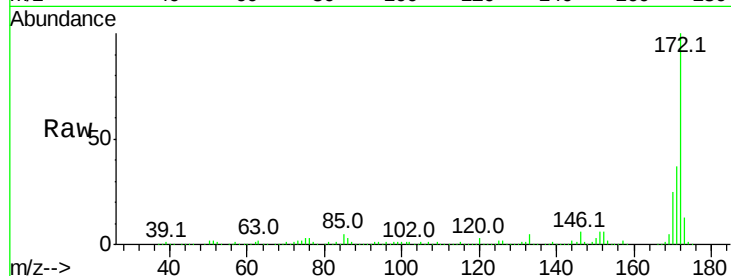


#44
 2-Fluorobiphenyl
 Concen: 116.61 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084780.D
 Acq: 3 Feb 2016 8:31

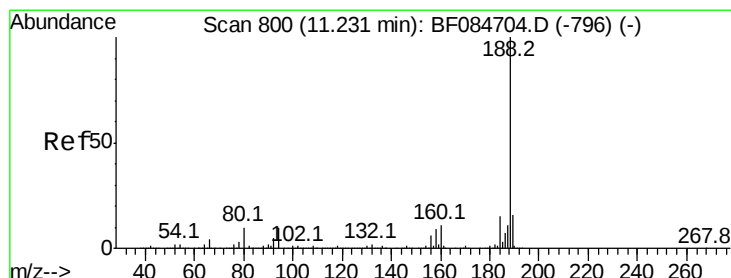
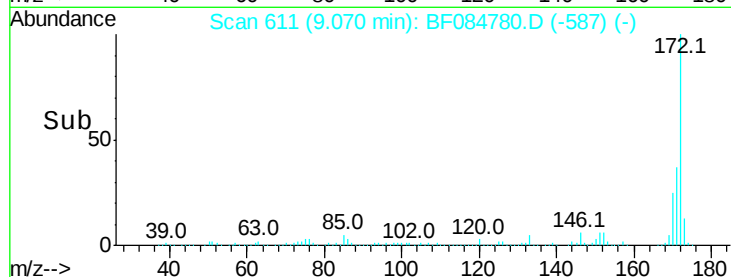
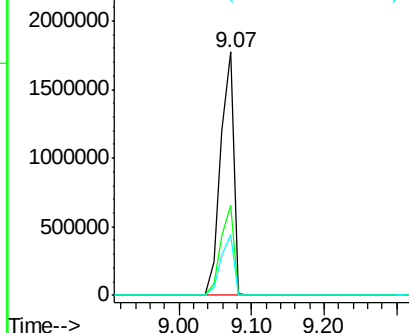
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-25-012916

Tot Ion:172 Resp: 2226502

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	25.1	18.6	27.8



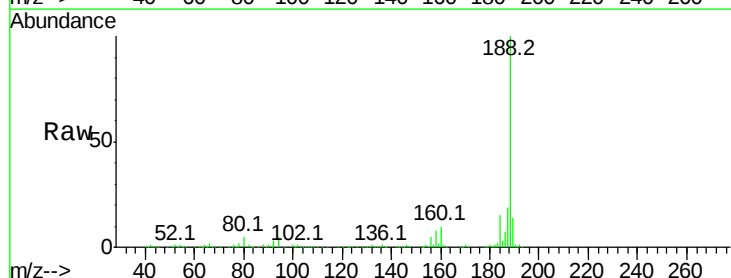
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



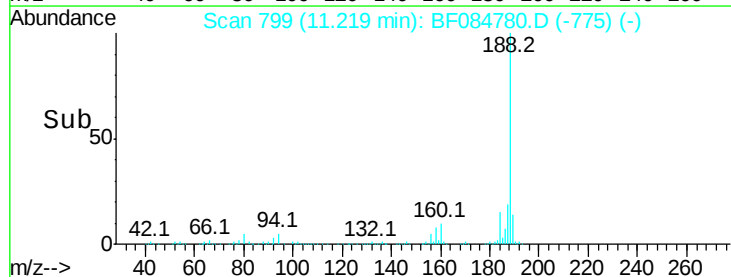
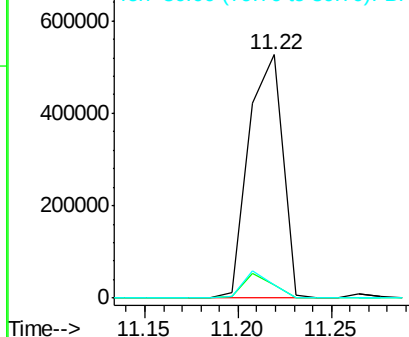
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF084780.D
 Acq: 3 Feb 2016 8:31

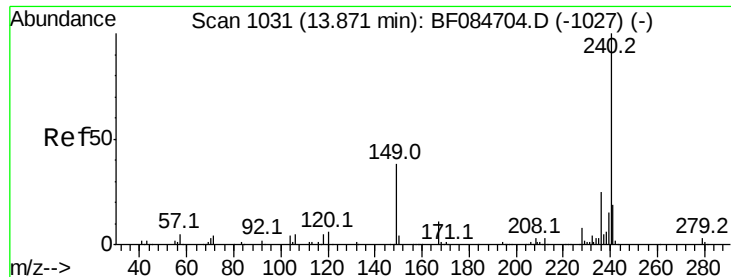
Tgt Ion:188 Resp: 666470

Ion	Ratio	Lower	Upper
188	100		
94	5.2	9.0	13.4#
80	5.3	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: BF084780.D

Acq: 3 Feb 2016 8:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-25-012916

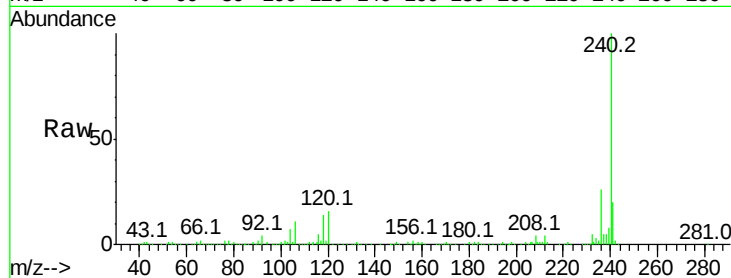
Tot Ion:240 Resp: 497373

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

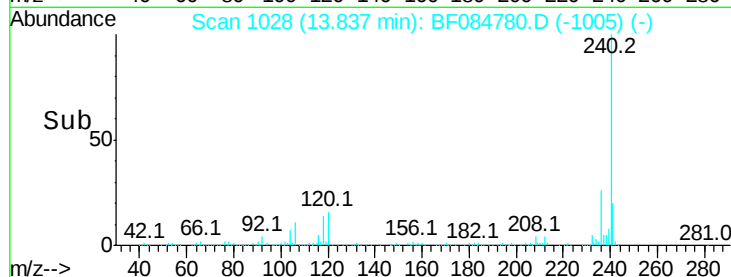
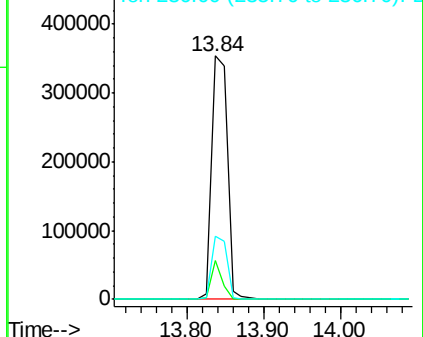
236 25.8 20.6 31.0



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



#76

Benzidine

Concen: 8.10 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF084780.D

Acq: 3 Feb 2016 8:31

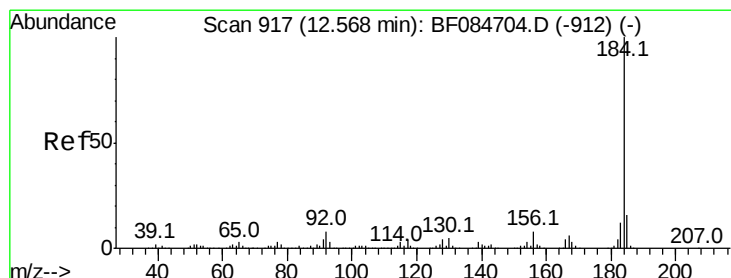
Tgt Ion:184 Resp: 32026

Ion Ratio Lower Upper

184 100

185 13.4 12.2 18.2

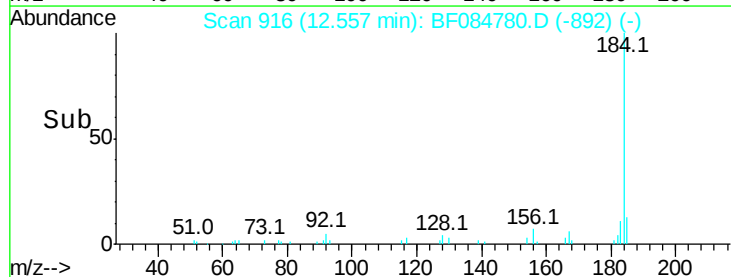
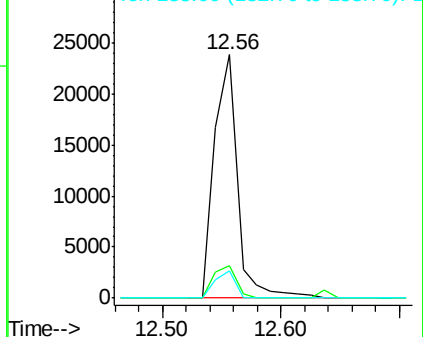
183 11.4 9.8 14.8

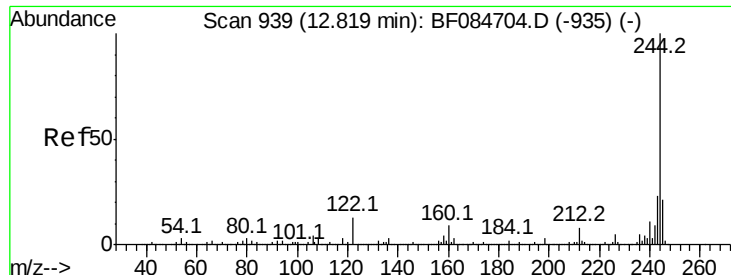


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 96.86 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084780.D

Acq: 3 Feb 2016 8:31

Instrument :

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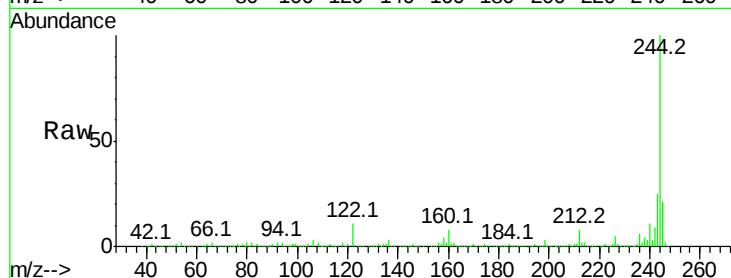
Tot Ion:244 Resp: 2126019

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

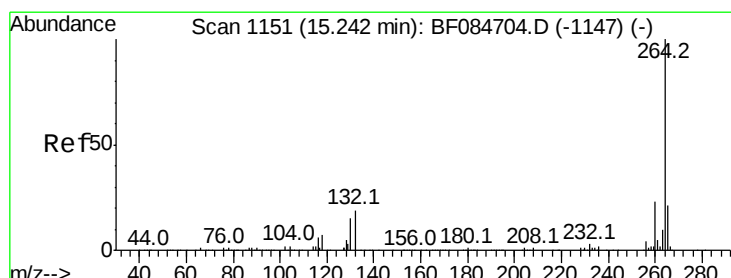
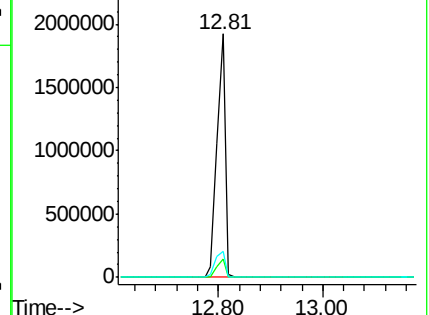
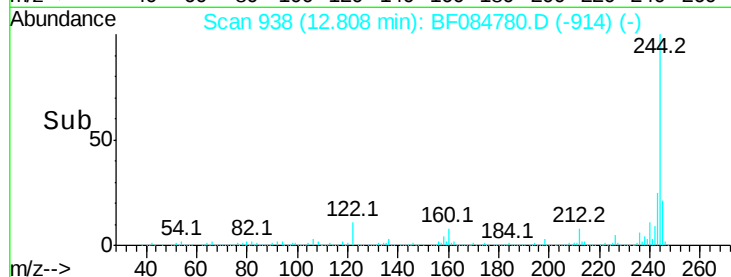
122 10.6 7.4 11.0



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: BF084780.D

Acq: 3 Feb 2016 8:31

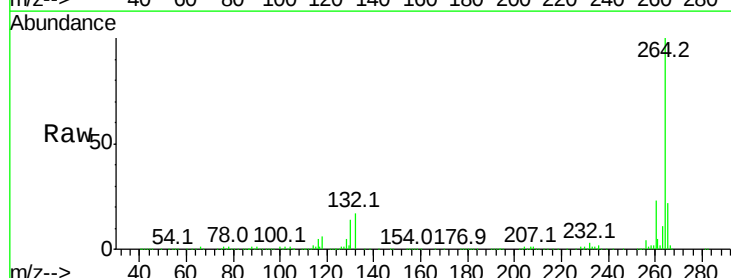
Tgt Ion:264 Resp: 395705

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.8 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

