

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084773.D
 Acq On : 3 Feb 2016 5:17
 Operator : SJ/IZ
 Sample : H1306-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-SOIL02

Quant Time: Feb 03 07:17:01 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

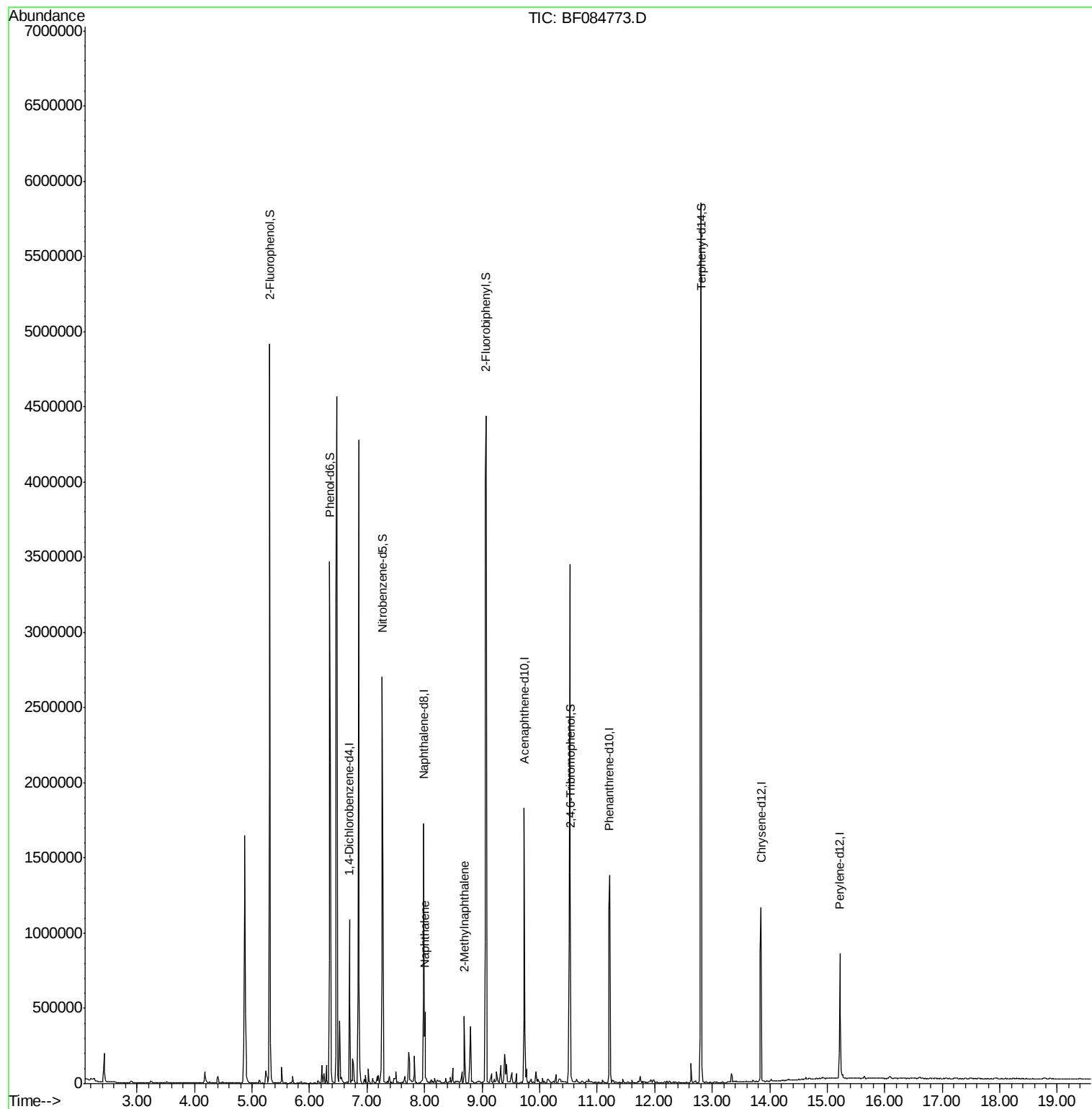
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	178677	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	793396	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	375833	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	717710	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	535780	20.00	ng	-0.02
86) Perylene-d12	15.22	264	394661	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1386501	120.87	ng	0.00
7) Phenol-d6	6.35	99	1614997	113.56	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1127142	80.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	531934	135.69	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	2165782	105.62	ng	-0.02
78) Terphenyl-d14	12.81	244	2075202	87.77	ng	-0.02
Target Compounds						
31) Naphthalene	8.01	128	235501	5.92	ng	98
37) 2-Methylnaphthalene	8.69	142	133117	5.34	ng	98

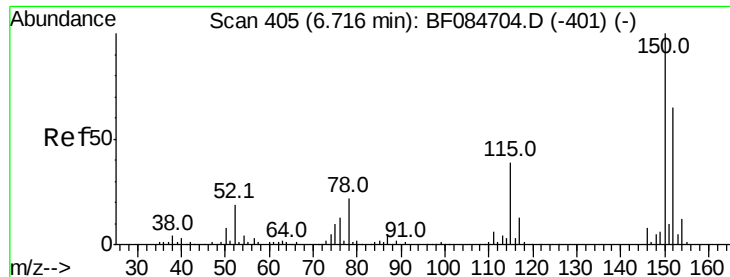
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084773.D

Acq: 3 Feb 2016 5:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL02

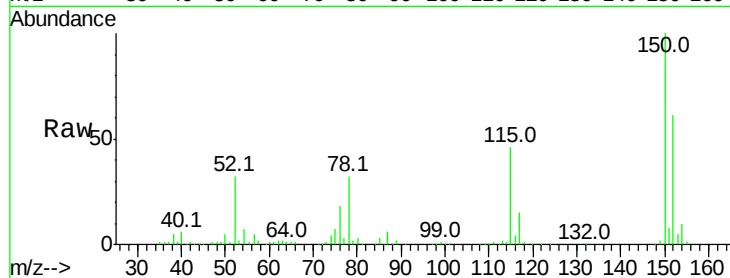
Tot Ion:152 Resp: 178677

Ion Ratio Lower Upper

152 100

150 164.9 123.0 184.4

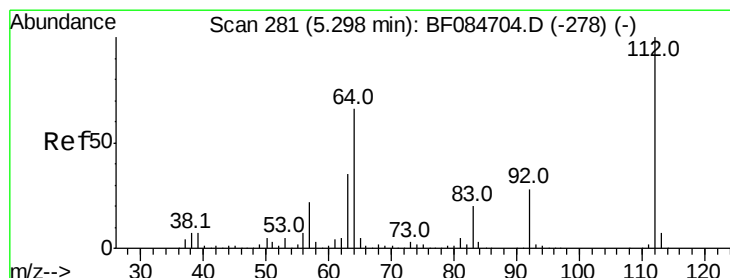
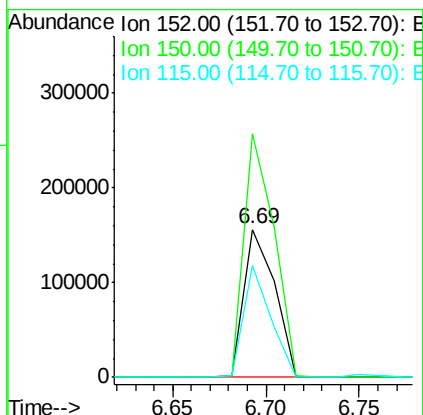
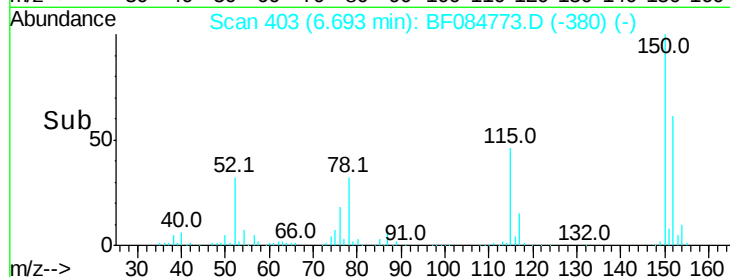
115 76.1 51.4 77.2



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: 120.87 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF084773.D

Acq: 3 Feb 2016 5:17

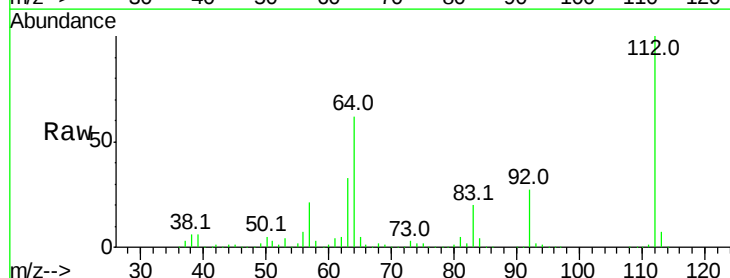
Tgt Ion:112 Resp: 1386501

Ion Ratio Lower Upper

112 100

64 62.4 36.6 55.0#

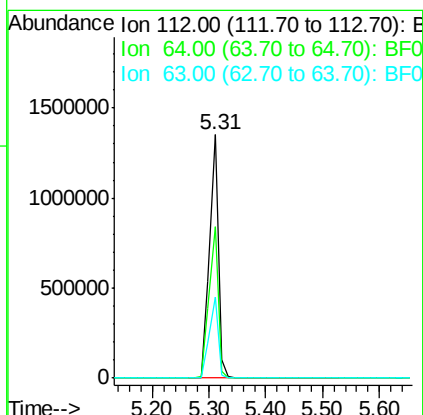
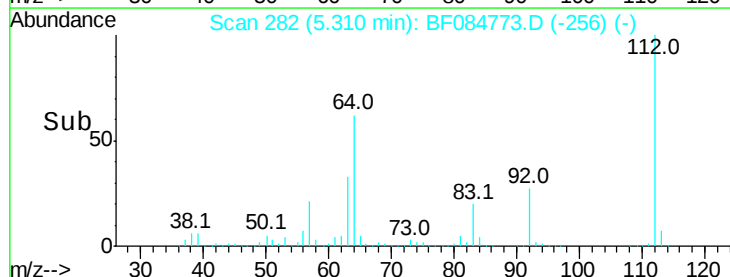
63 33.3 19.4 29.0#

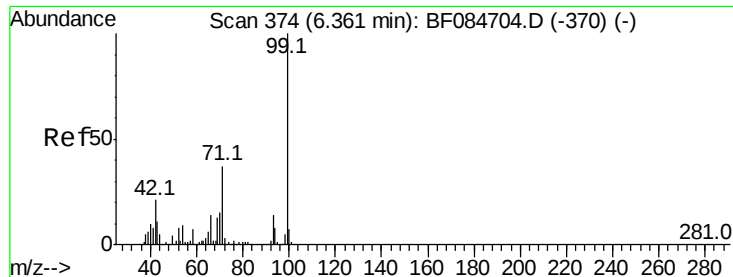


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.56 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084773.D

Acq: 3 Feb 2016 5:17

Instrument :

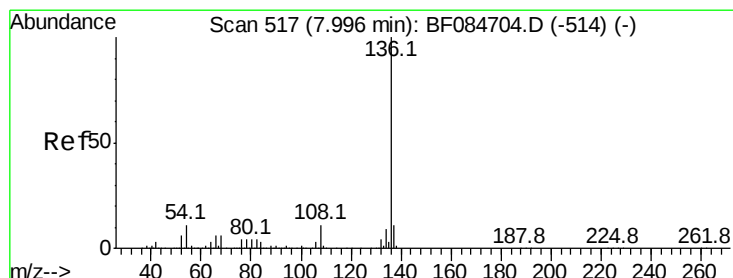
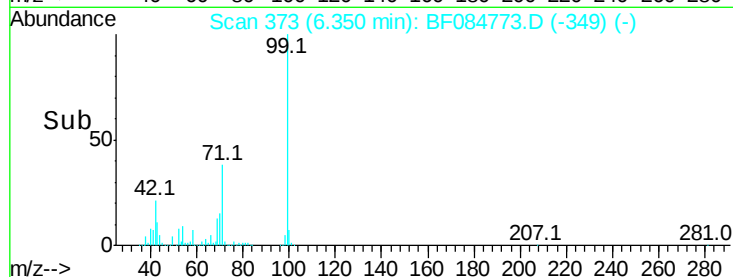
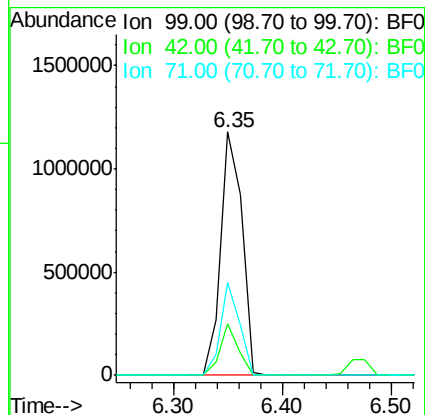
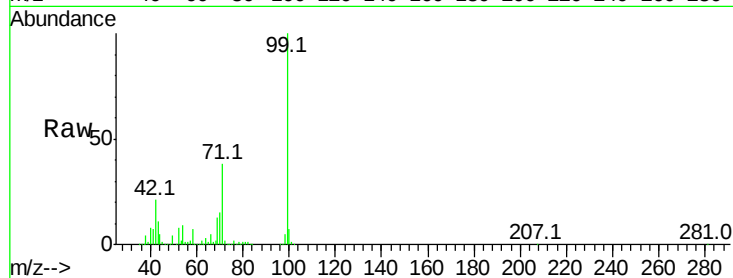
BNA_F

ClientSampleId :

BLFS-SOIL02

Tot Ion: 99 Resp: 1614997

Ion	Ratio	Lower	Upper
99	100		
42	21.1	12.8	19.2#
71	38.1	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

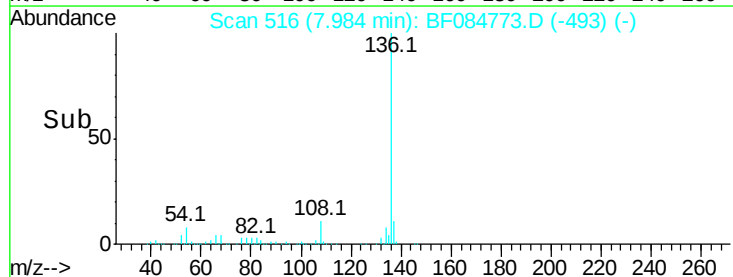
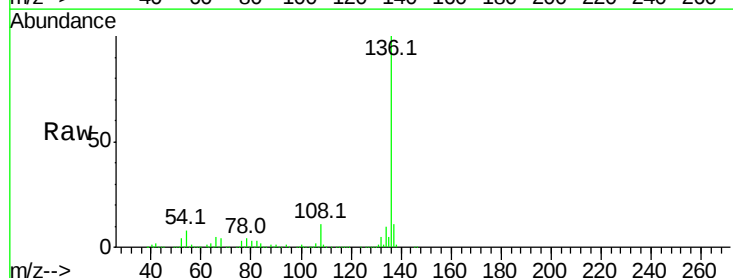
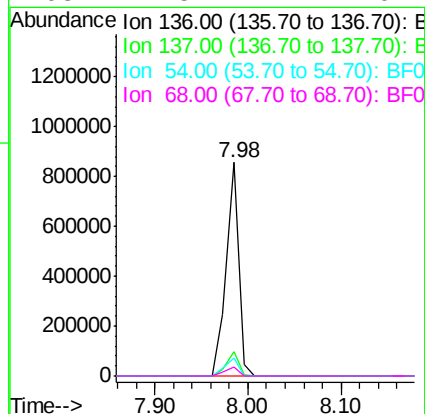
Delta R.T. -0.03 min

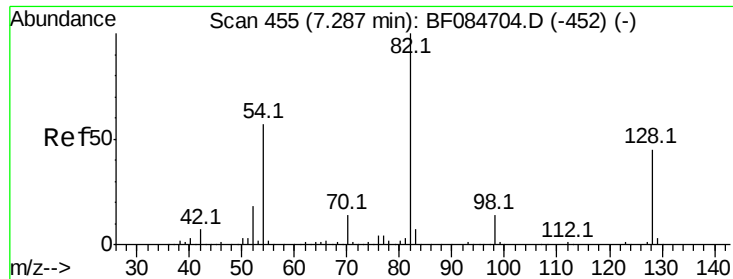
Lab File: BF084773.D

Acq: 3 Feb 2016 5:17

Tgt Ion: 136 Resp: 793396

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.1	5.8	8.8
68	4.5	4.2	6.2





#23

Nitrobenzene-d5

Concen: 80.03 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF084773.D

Acq: 3 Feb 2016 5:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL02

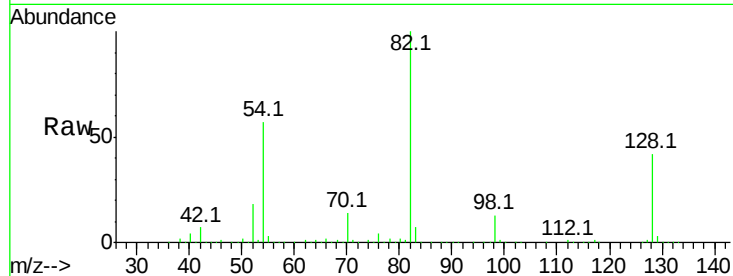
Tot Ion: 82 Resp: 1127142

Ion Ratio Lower Upper

82 100

128 41.8 34.6 51.8

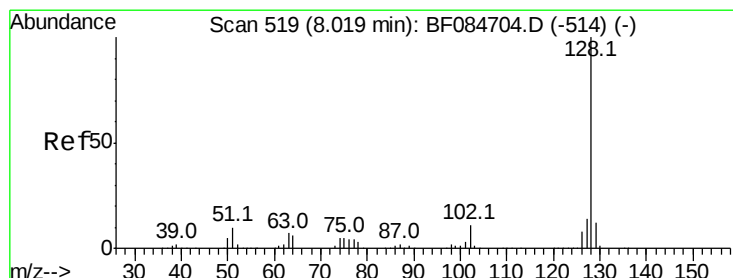
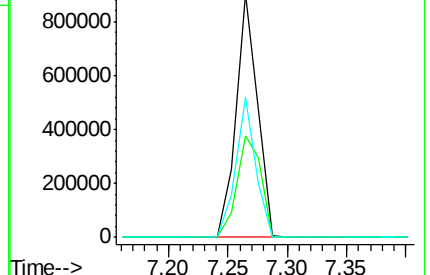
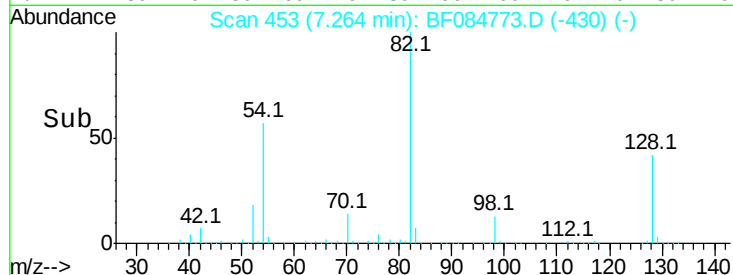
54 57.4 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 5.92 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084773.D

Acq: 3 Feb 2016 5:17

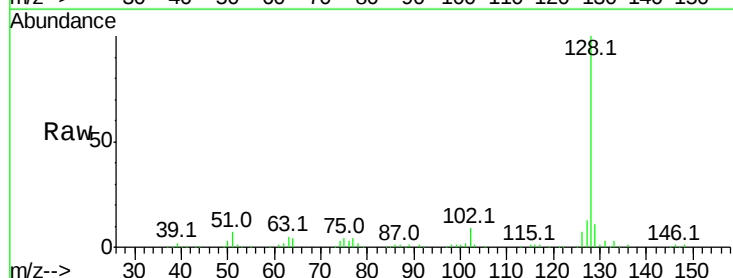
Tgt Ion: 128 Resp: 235501

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

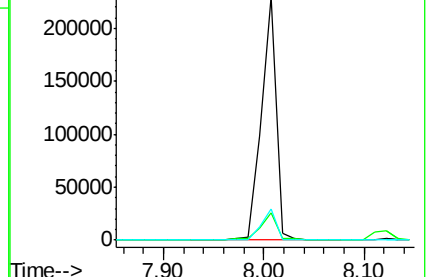
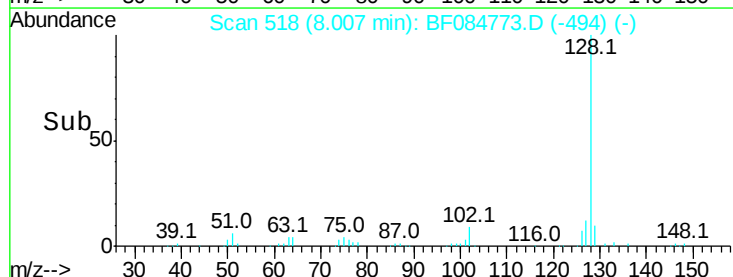
127 12.6 11.1 16.7

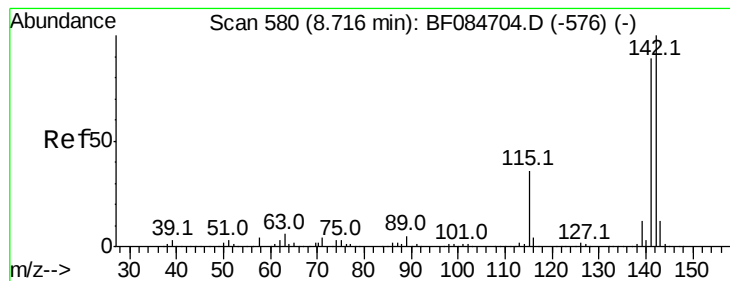


Abundance Ion 128.00 (127.70 to 128.70): BF0

Ion 129.00 (128.70 to 129.70): BF0

Ion 127.00 (126.70 to 127.70): BF0





#37

2-Methylnaphthalene

Concen: 5.34 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF084773.D

Acq: 3 Feb 2016 5:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL02

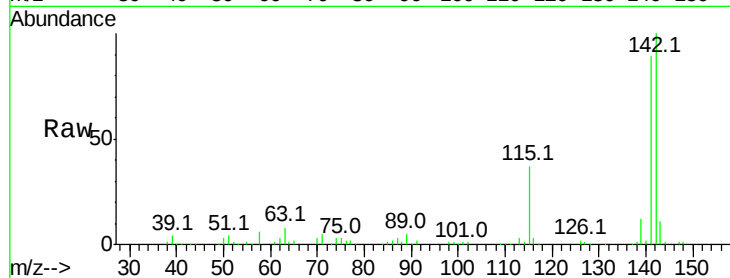
Tot Ion:142 Resp: 133117

Ion Ratio Lower Upper

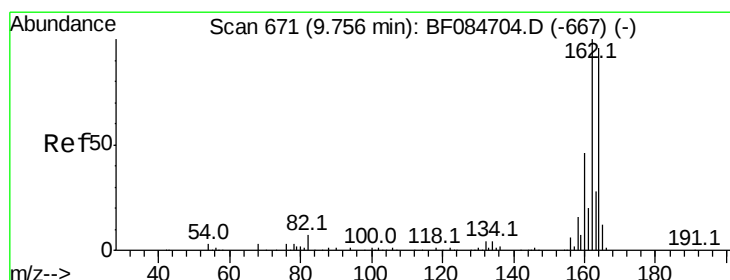
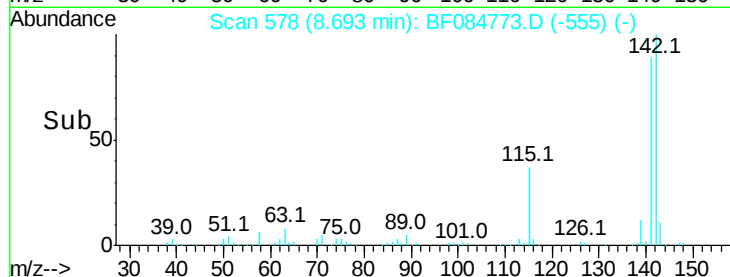
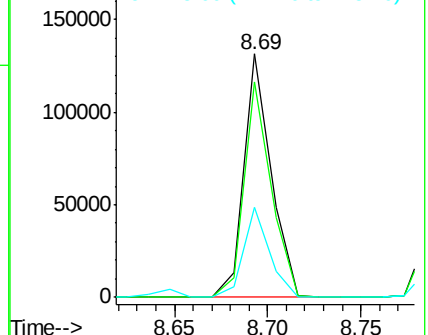
142 100

141 88.5 72.4 108.6

115 36.9 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: BF084773.D

Acq: 3 Feb 2016 5:17

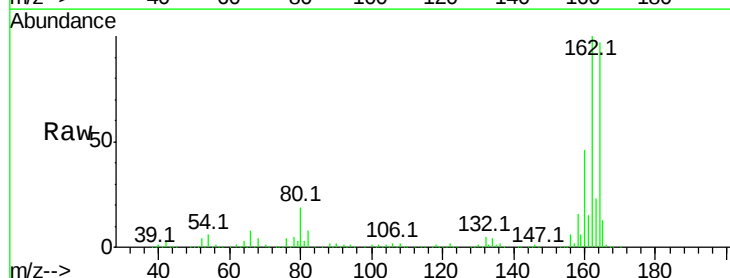
Tgt Ion:164 Resp: 375833

Ion Ratio Lower Upper

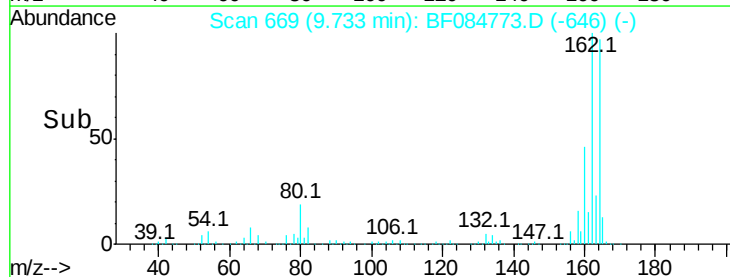
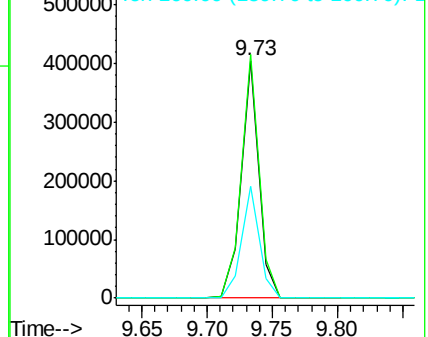
164 100

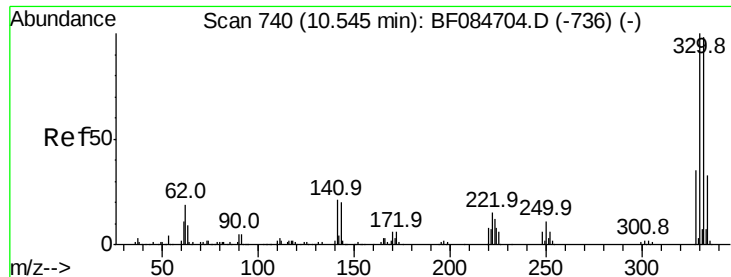
162 102.6 85.1 127.7

160 47.0 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

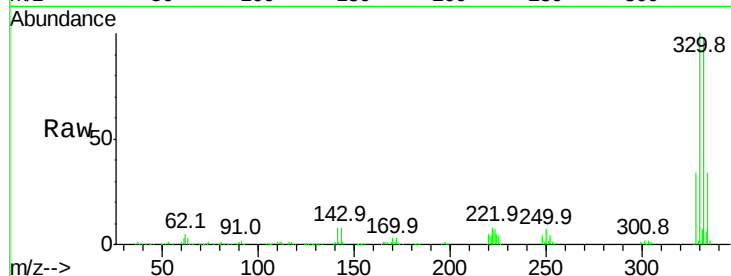




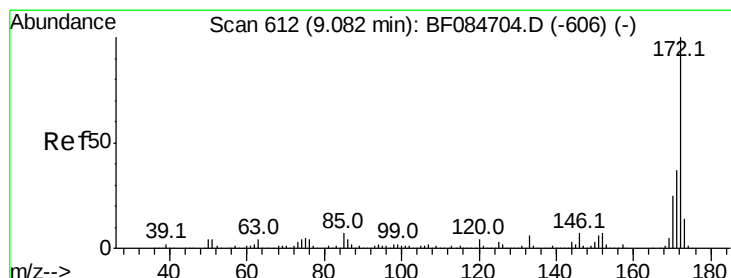
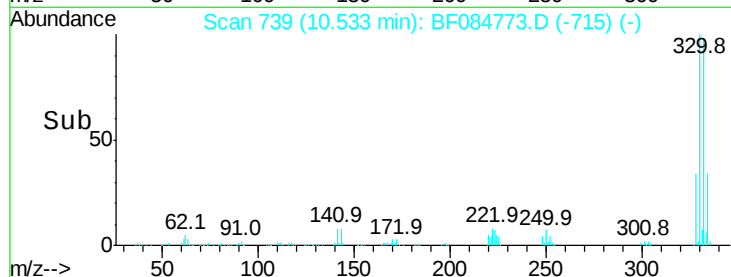
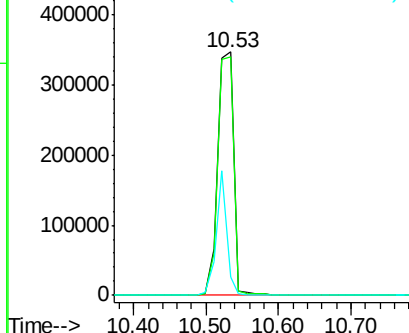
#41
 2,4,6-Tribromophenol
 Concen: 135.69 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084773.D
 Acq: 3 Feb 2016 5:17

Instrument :
 BNA_F
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 BLFS-SOIL02

Tot Ion:330 Resp: 531934
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 33.7 27.8 41.6

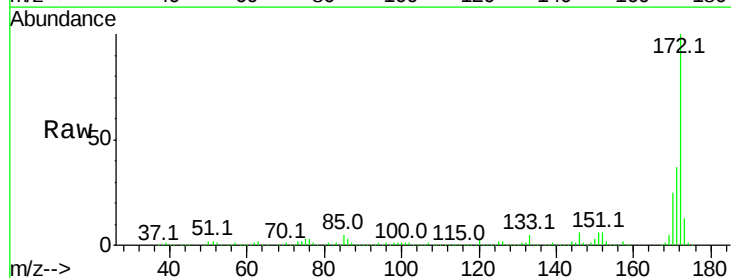


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

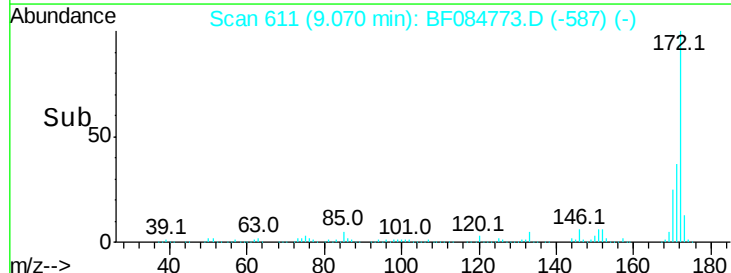
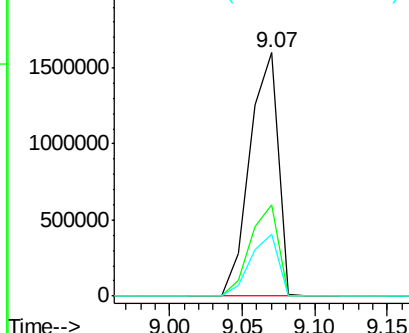


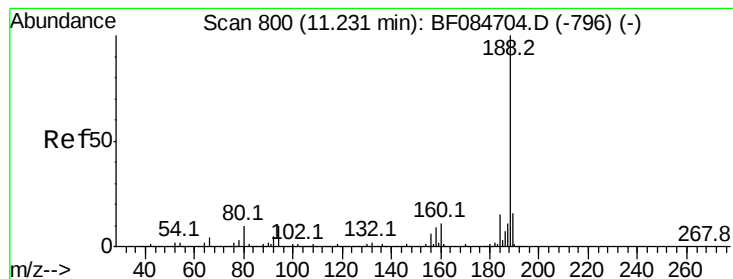
#44
 2-Fluorobiphenyl
 Concen: 105.62 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084773.D
 Acq: 3 Feb 2016 5:17

Tgt Ion:172 Resp: 2165782
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.9 43.3
 170 25.3 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: BF084773.D

Acq: 3 Feb 2016 5:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL02

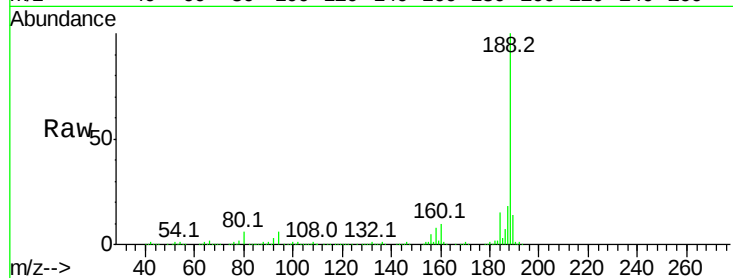
Tot Ion:188 Resp: 717710

Ion Ratio Lower Upper

188 100

94 6.0 9.0 13.4#

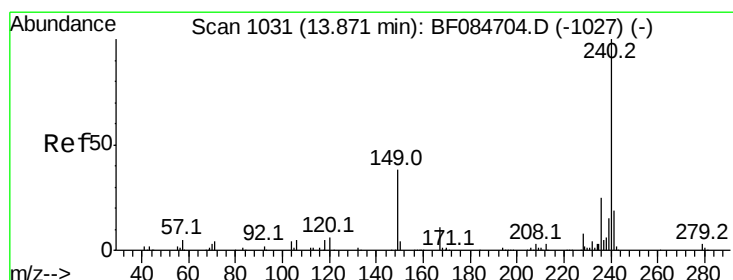
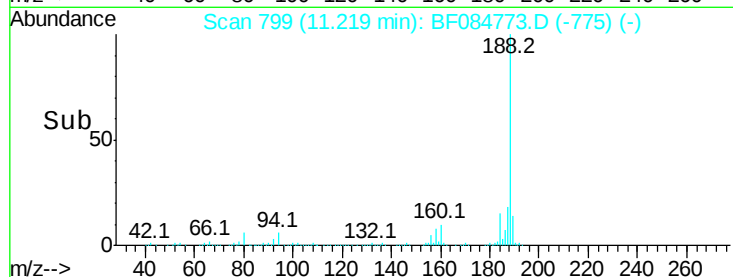
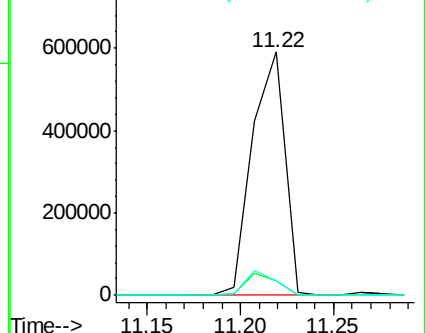
80 5.8 9.6 14.4#



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: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084773.D

Acq: 3 Feb 2016 5:17

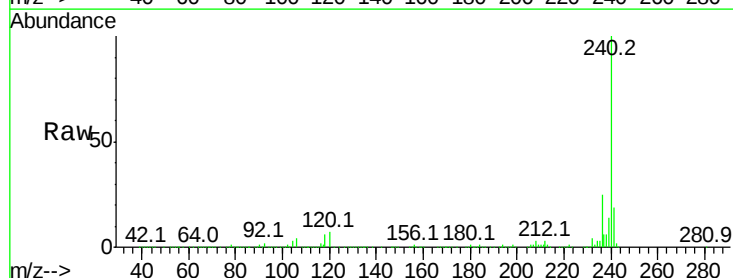
Tgt Ion:240 Resp: 535780

Ion Ratio Lower Upper

240 100

120 6.7 9.5 14.3#

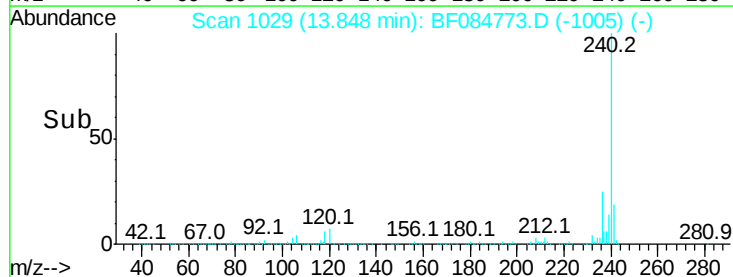
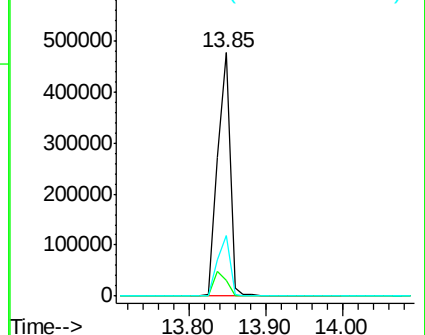
236 25.1 20.6 31.0

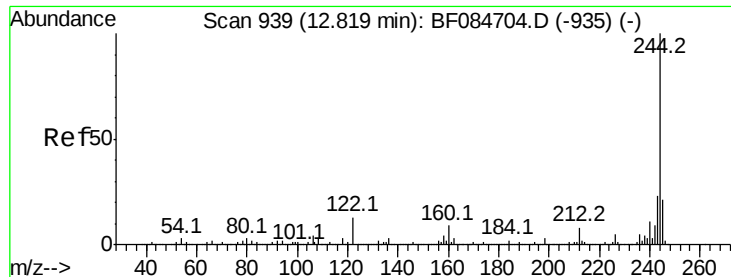


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.77 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084773.D

Acq: 3 Feb 2016 5:17

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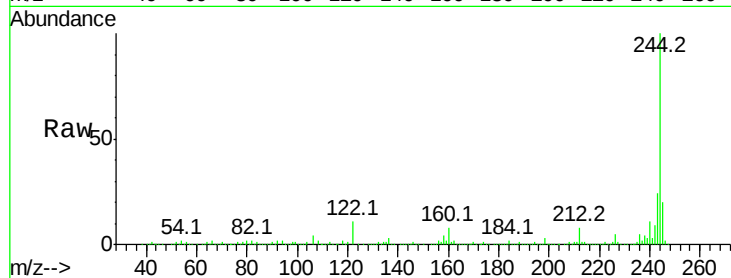
Tot Ion:244 Resp: 2075202

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

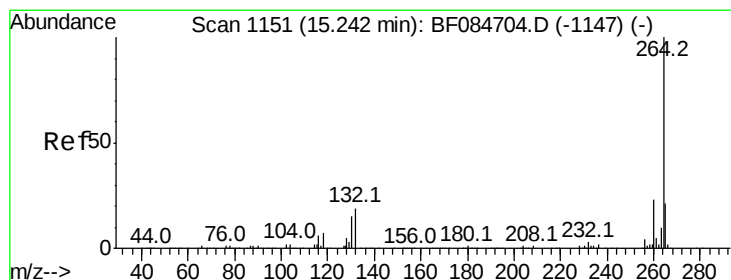
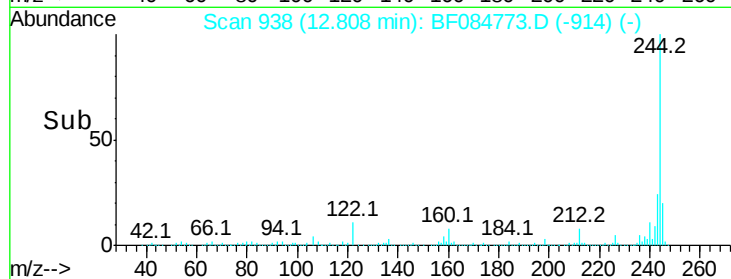
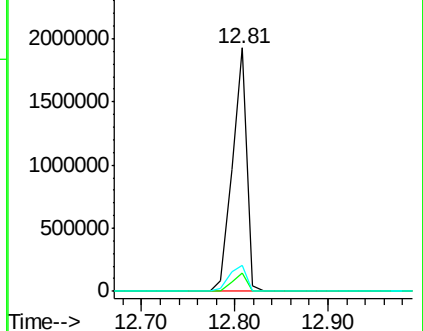
122 10.9 7.4 11.0



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: BF084773.D

Acq: 3 Feb 2016 5:17

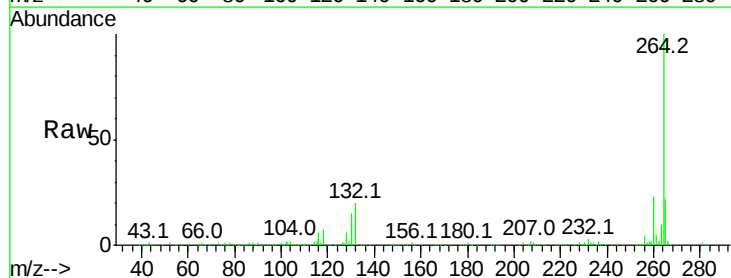
Tgt Ion:264 Resp: 394661

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 22.2 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

