

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089818.D
 Acq On : 20 Aug 2016 1:19
 Operator : UM/SJ
 Sample : H4518-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-1-2(5-15)

Quant Time: Aug 22 02:36:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

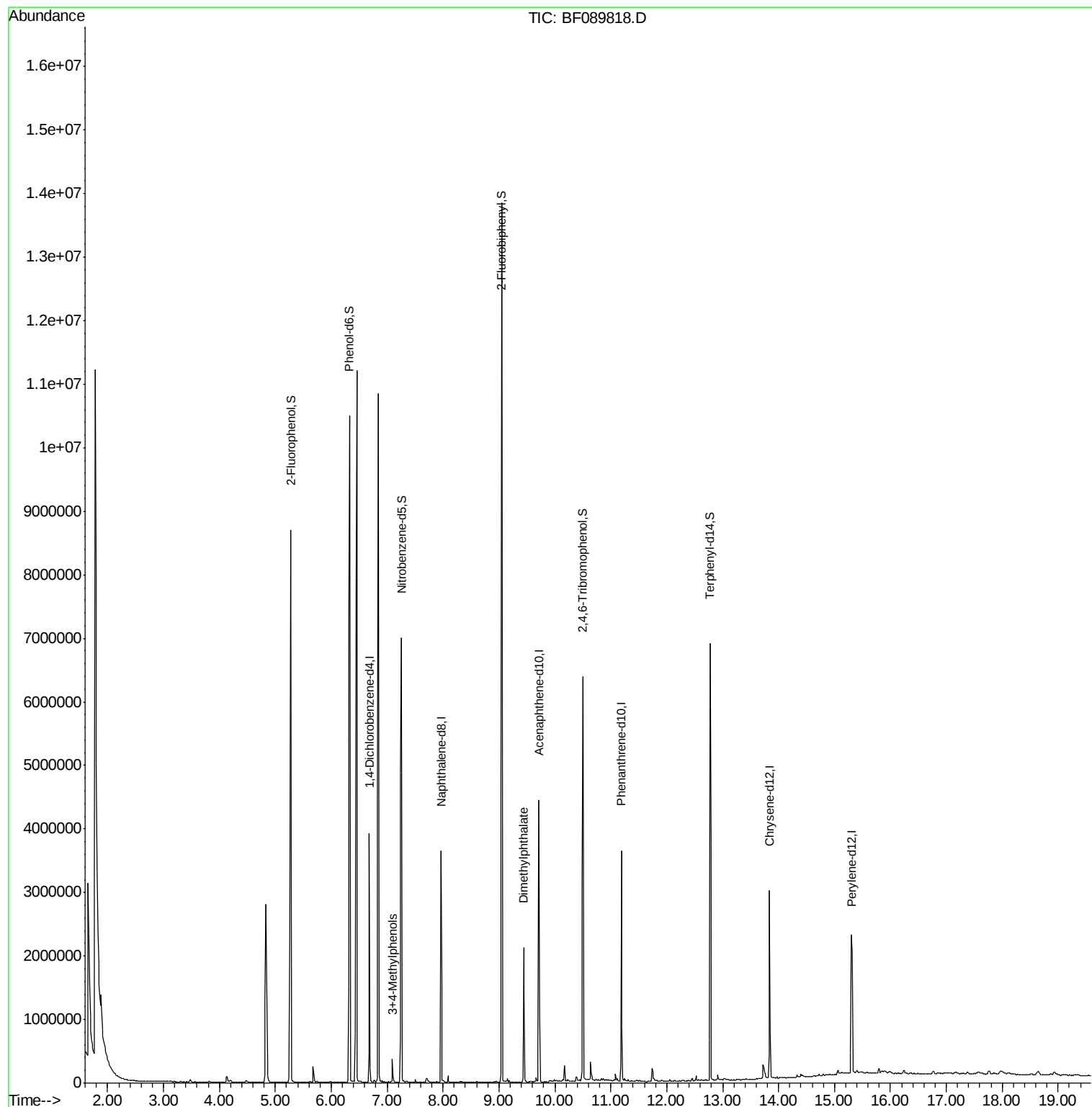
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	551287	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1872390	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	838022	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1281384	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1012235	20.00	ng	-0.03
86) Perylene-d12	15.31	264	1187293	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	4291168	133.49	ng	0.02
7) Phenol-d6	6.33	99	5122327	129.80	ng	0.01
23) Nitrobenzene-d5	7.26	82	3058724	101.49	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	862709	108.32	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4168469	87.42	ng	0.00
78) Terphenyl-d14	12.78	244	2535743	56.67	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.10	107	92605	2.51	ng	Qvalue # 47
49) Dimethylphthalate	9.44	163	1160863	19.67	ng	99

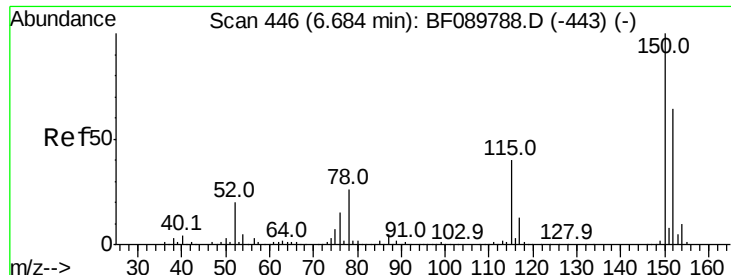
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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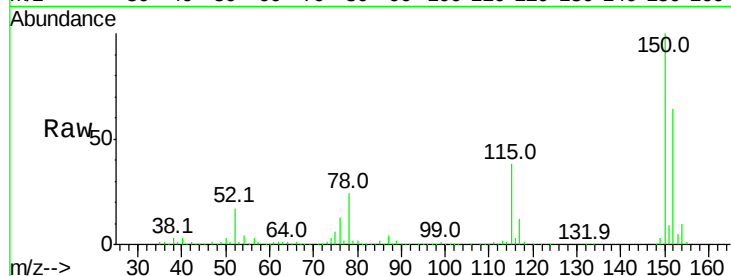


#1

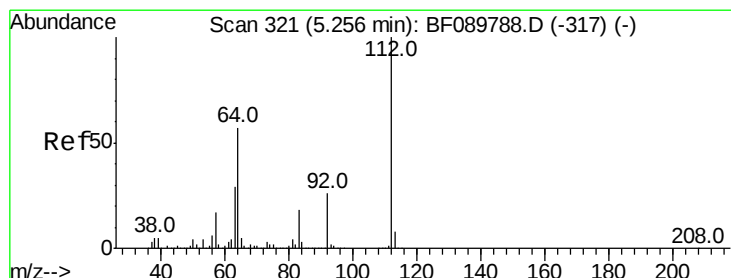
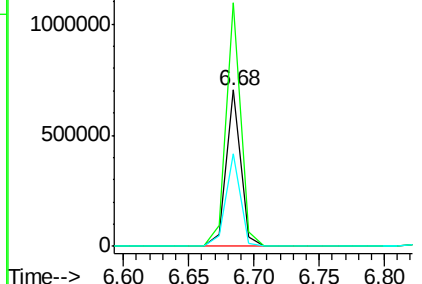
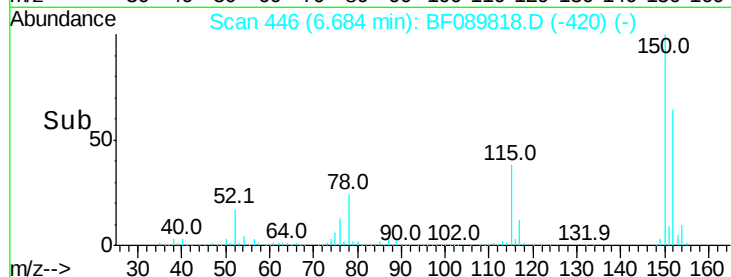
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 A-1-2(5-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.3	187.9
115	59.2	40.9	61.3



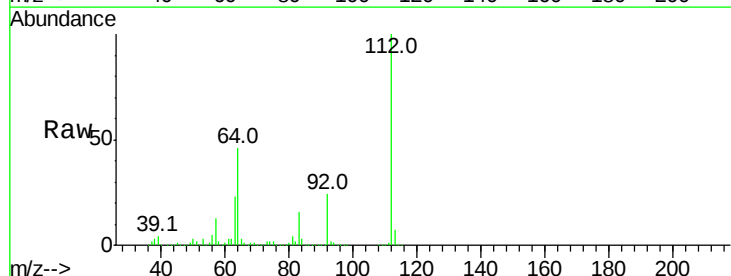
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



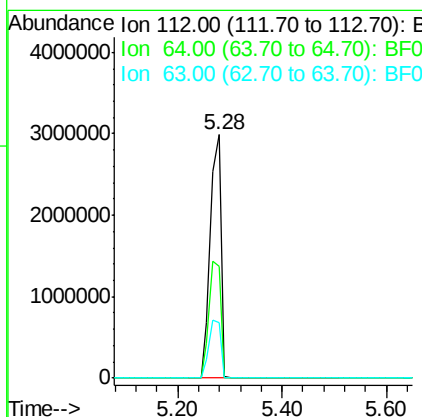
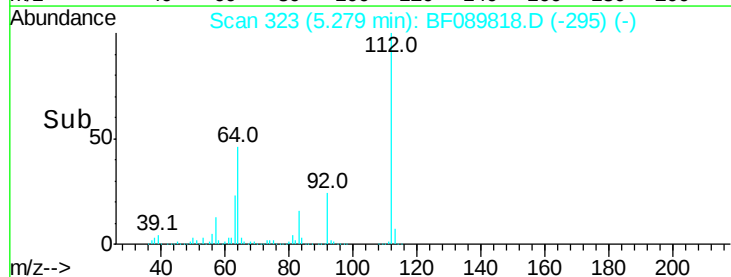
#5

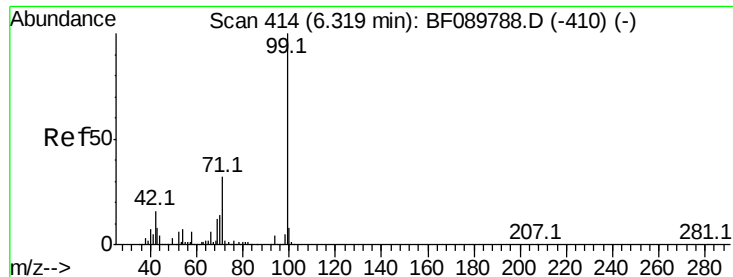
2-Fluorophenol
 Concen: 133.49 ng
 RT: 5.28 min Scan# 323
 Delta R.T. 0.02 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.9	45.0	67.4
63	23.0	23.1	34.7#



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: 129.80 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

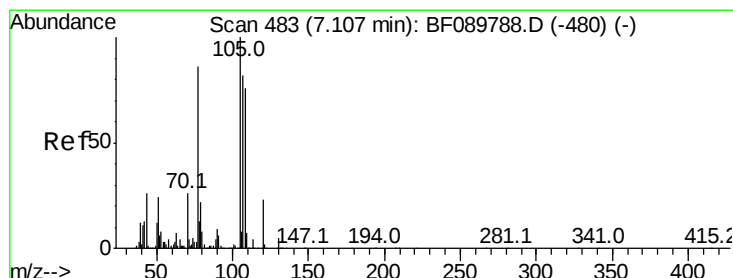
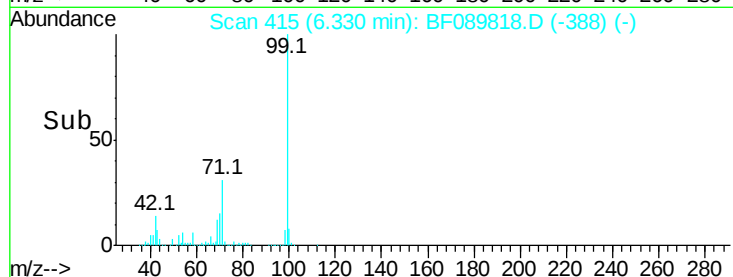
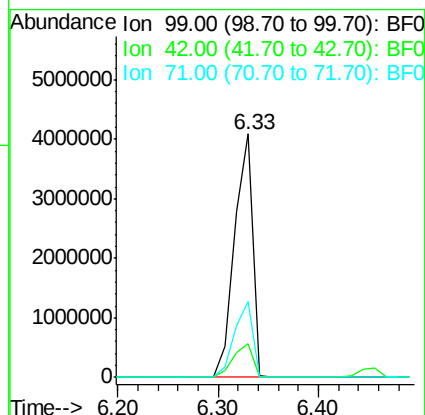
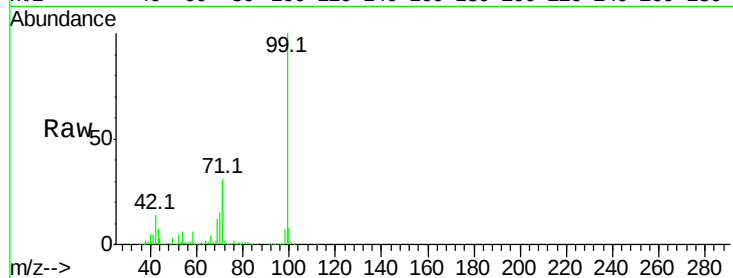
Tot Ion: 99 Resp: 5122327

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.4

71 31.1 23.8 35.8



#20

3+4-Methylphenols

Concen: 2.51 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Tgt Ion:107 Resp: 92605

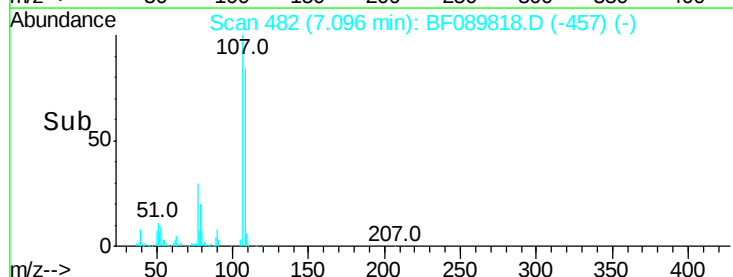
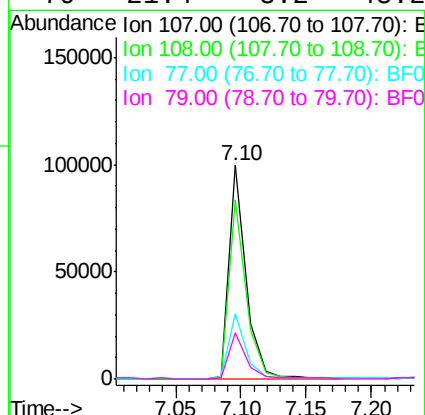
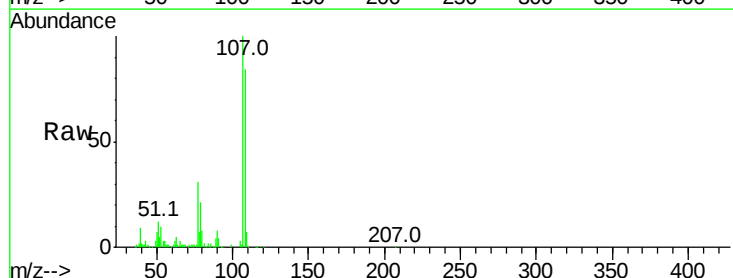
Ion Ratio Lower Upper

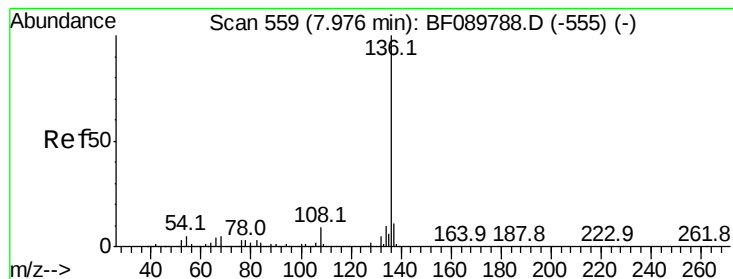
107 100

108 83.9 68.2 108.2

77 30.9 122.3 162.3#

79 21.4 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

Tot Ion:136 Resp: 1872390

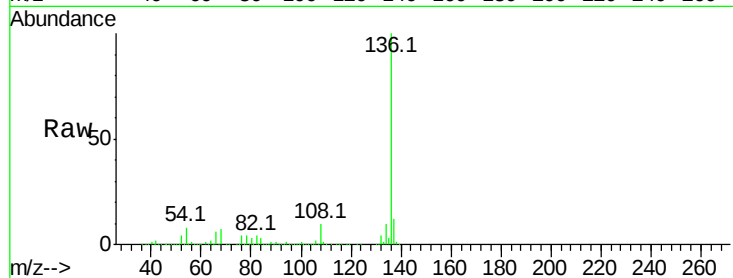
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	8.4	7.2	10.8
68	7.5	5.8	8.8

136 100

137 11.9 9.2 13.8

54 8.4 7.2 10.8

68 7.5 5.8 8.8

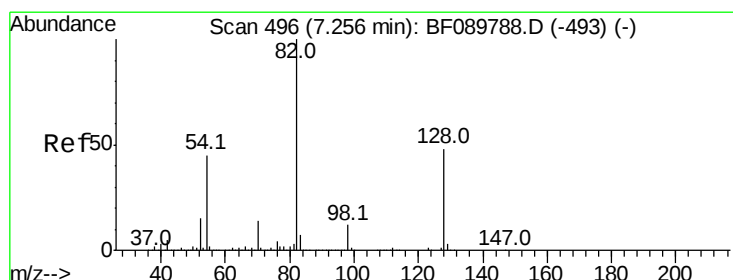
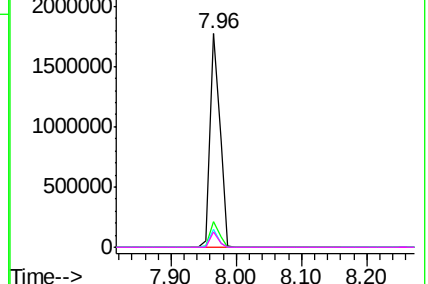
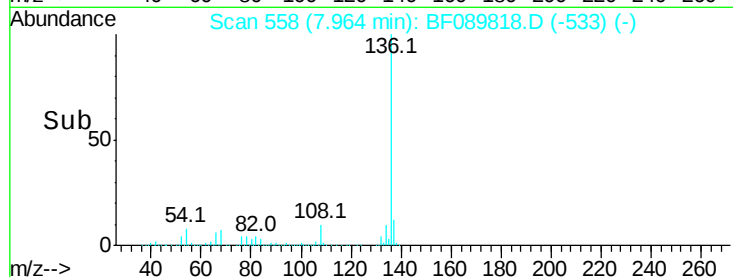


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.49 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

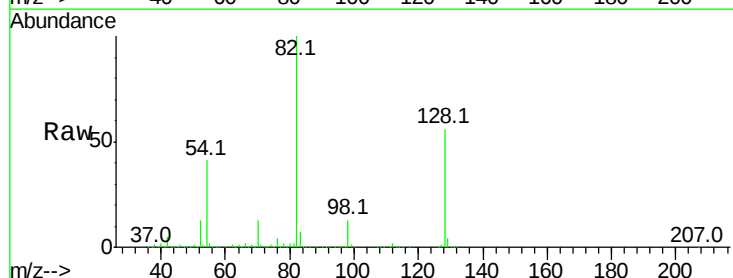
Tgt Ion: 82 Resp: 3058724

Ion	Ratio	Lower	Upper
82	100		
128	56.2	34.4	51.6#
54	41.1	40.3	60.5

82 100

128 56.2 34.4 51.6#

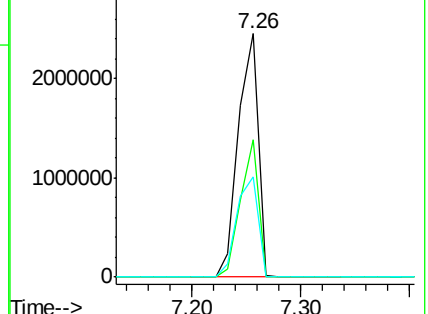
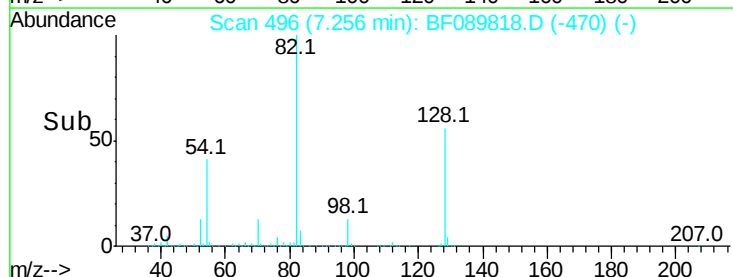
54 41.1 40.3 60.5

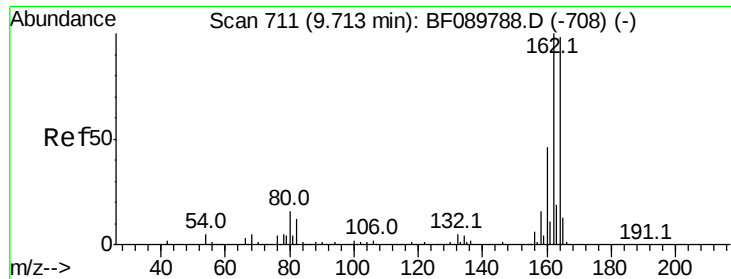


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

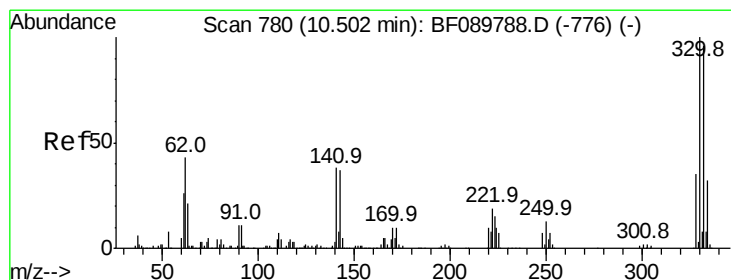
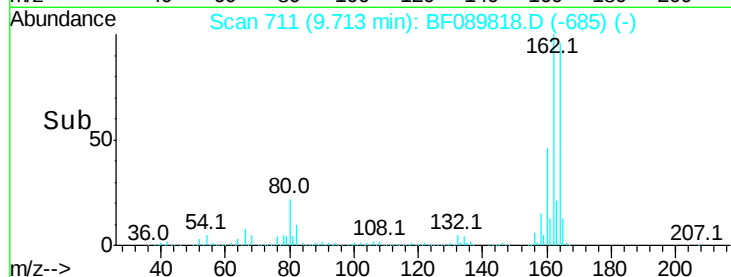
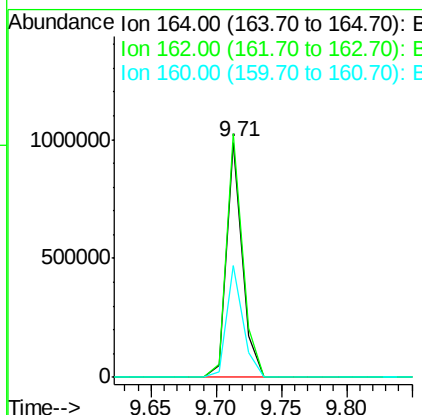
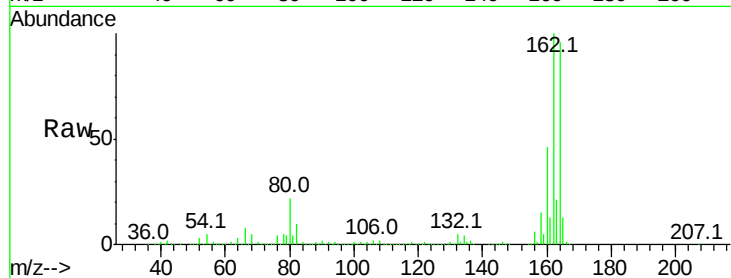




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

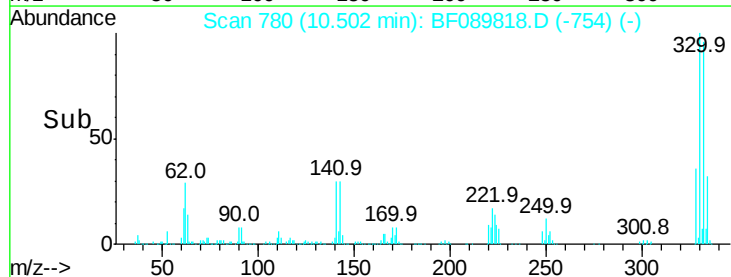
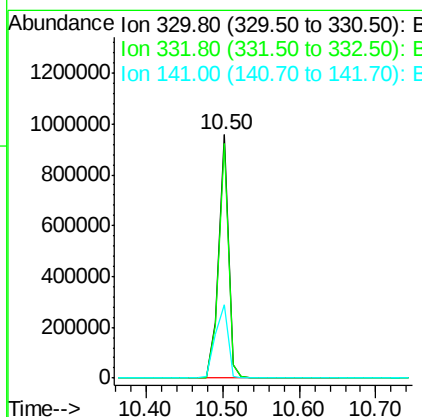
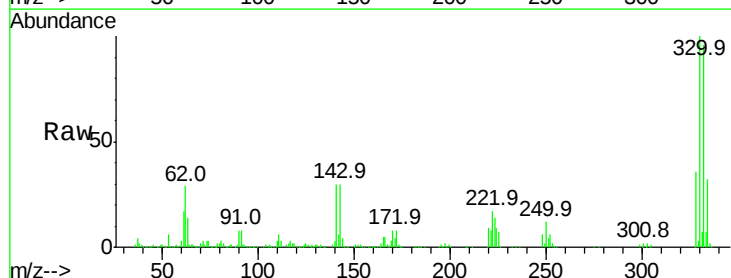
Instrument :
 BNA_F
 ClientSampleId :
 A-1-2(5-15)

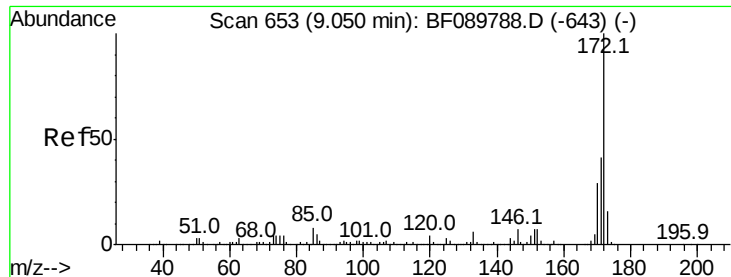
Tot Ion:164 Resp: 838022
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.4 122.2
 160 47.4 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 108.32 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Tgt Ion:330 Resp: 862709
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.7 115.1
 141 38.6 30.2 45.2





#44

2-Fluorobiphenyl

Concen: 87.42 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

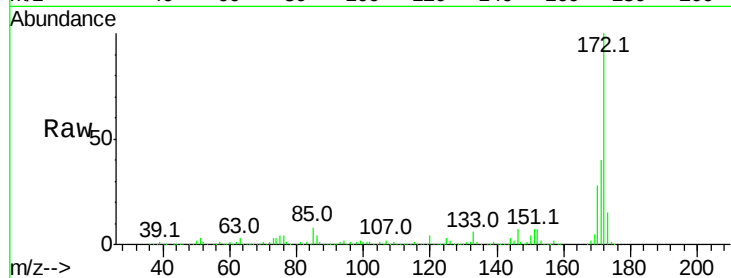
BNA_F

ClientSampleId :

A-1-2(5-15)

Tot Ion:172 Resp: 4168469

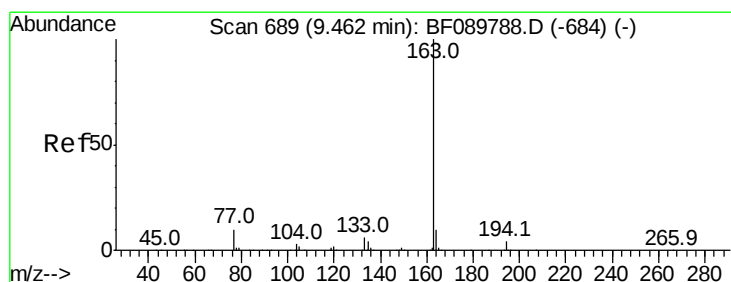
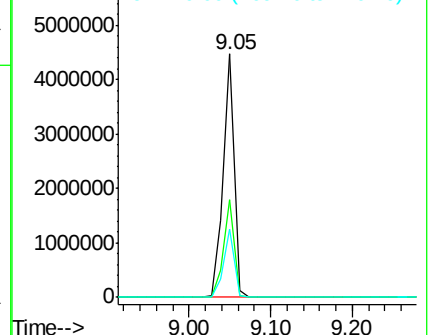
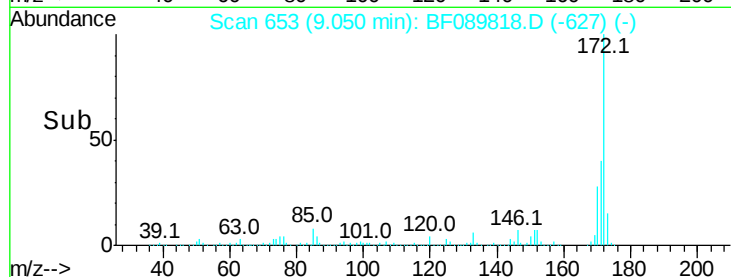
Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.5	45.7
170	28.0	20.6	31.0



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: 19.67 ng

RT: 9.44 min Scan# 687

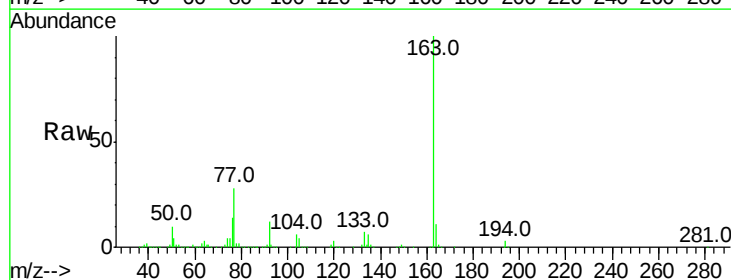
Delta R.T. -0.02 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Tgt Ion:163 Resp: 1160863

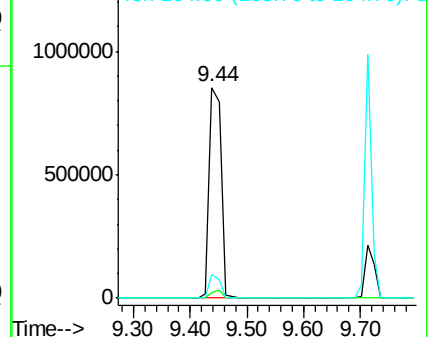
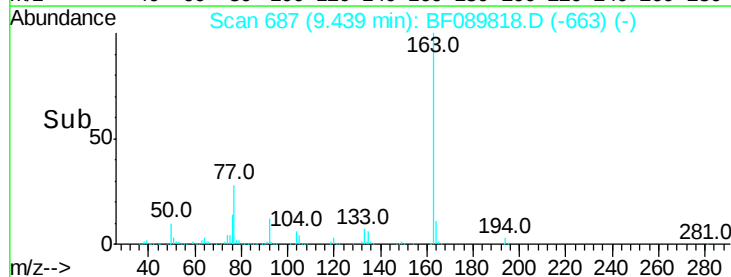
Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	3.8
164	10.9	8.6	12.8

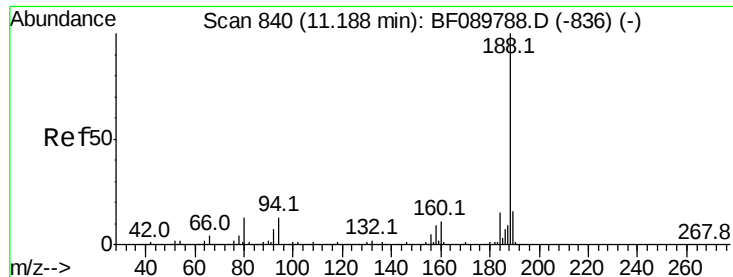


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

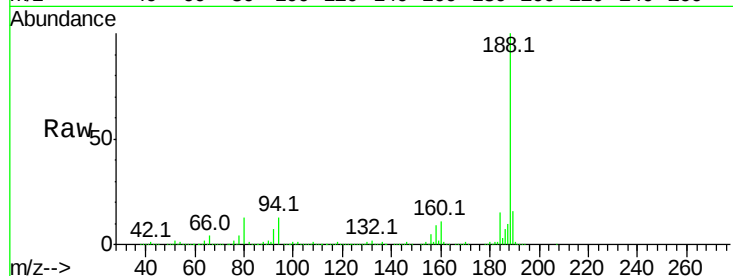
Tot Ion:188 Resp: 1281384

Ion Ratio Lower Upper

188 100

94 12.5 10.2 15.2

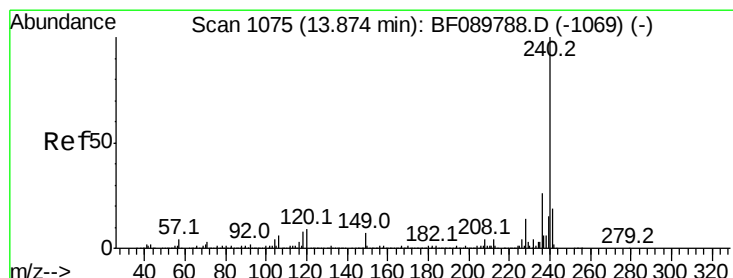
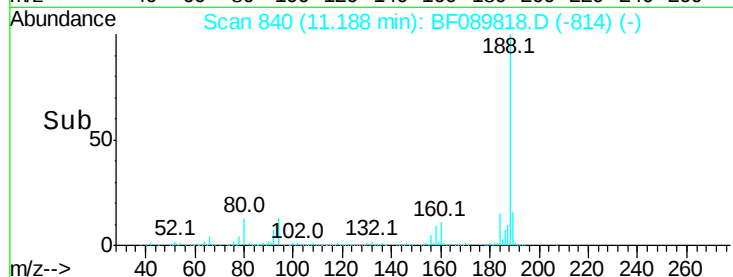
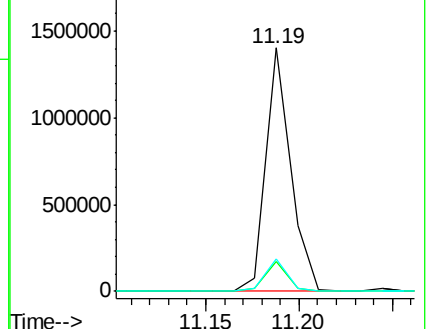
80 13.1 10.9 16.3



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# 1072

Delta R.T. -0.03 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

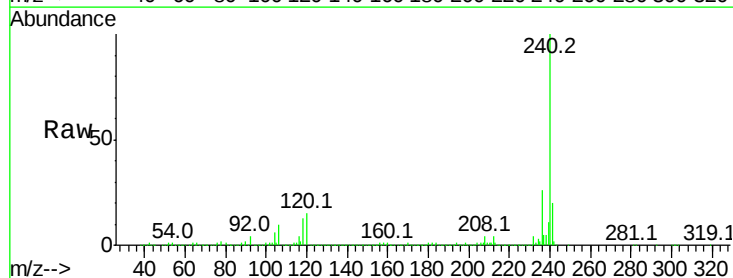
Tgt Ion:240 Resp: 1012235

Ion Ratio Lower Upper

240 100

120 14.9 8.3 12.5#

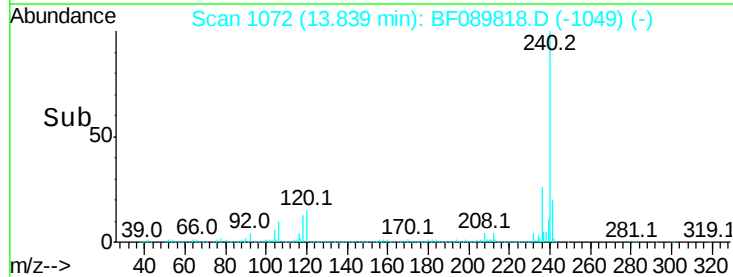
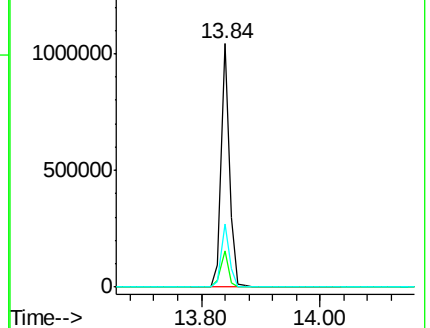
236 26.1 21.3 31.9

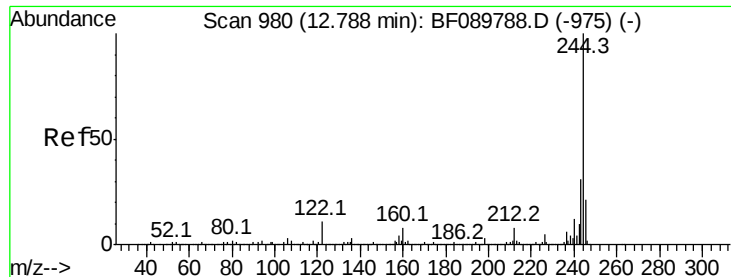


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 56.67 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

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A-1-2(5-15)

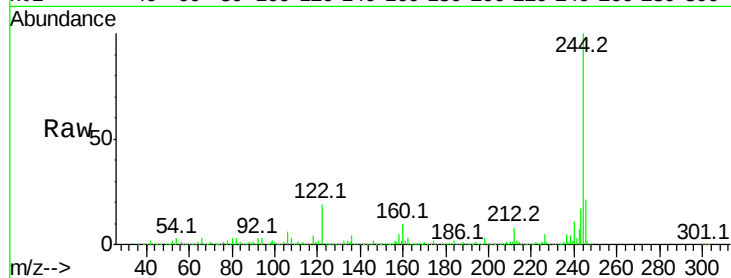
Tot Ion:244 Resp: 2535743

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

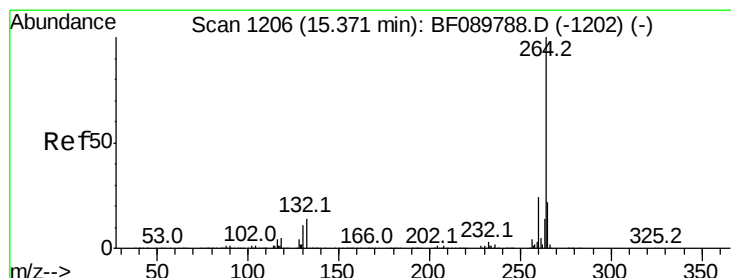
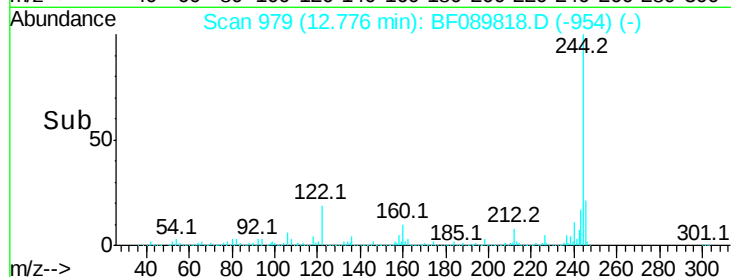
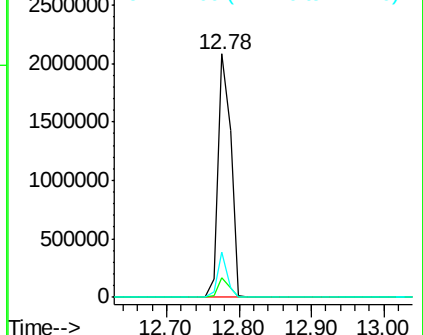
122 18.6 12.0 18.0#



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: 15.31 min Scan# 1201

Delta R.T. -0.06 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

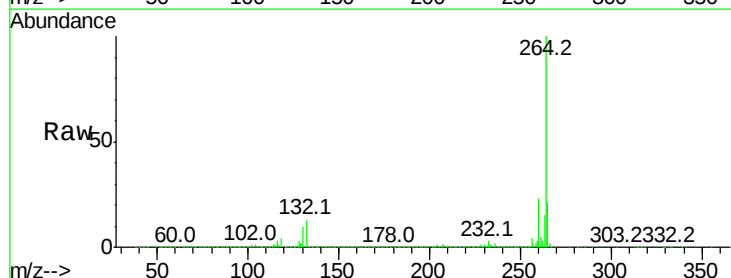
Tgt Ion:264 Resp: 1187293

Ion Ratio Lower Upper

264 100

260 23.5 20.2 30.2

265 21.3 17.4 26.2



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

