

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089782.D
 Acq On : 17 Aug 2016 23:52
 Operator : UM/SJ
 Sample : H4490-14
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-7

Quant Time: Aug 18 09:30:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

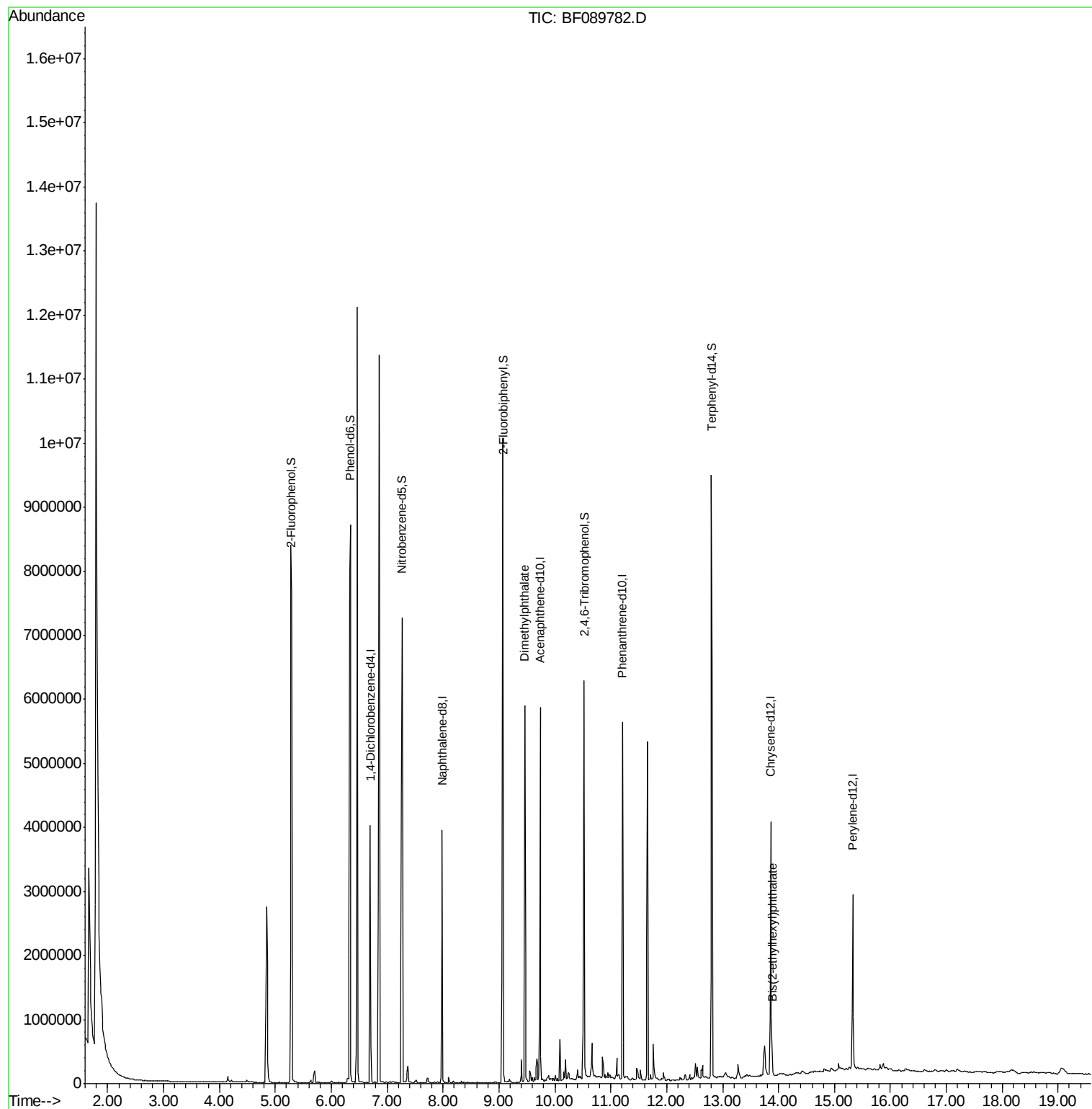
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	558032	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2251937	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1085237	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	1818215	20.00	ng	0.00
75) Chrysene-d12	13.86	240	1328240	20.00	ng	-0.03
86) Perylene-d12	15.33	264	1150041	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	3902720	116.69	ng	0.01
7) Phenol-d6	6.34	99	4958876	116.57	ng	0.01
23) Nitrobenzene-d5	7.27	82	2988736	81.04	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1110705	105.79	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	4879862	72.15	ng	0.00
78) Terphenyl-d14	12.80	244	3899489	87.71	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.46	163	2719128	34.63	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	151934	2.63	ng	98

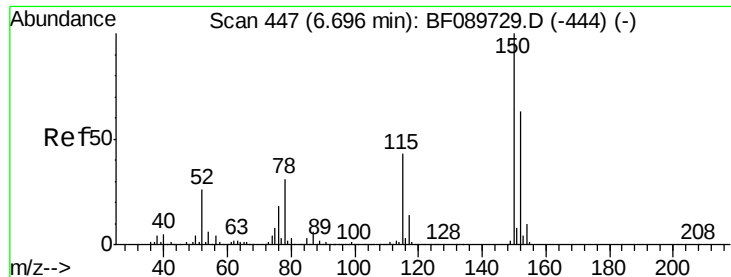
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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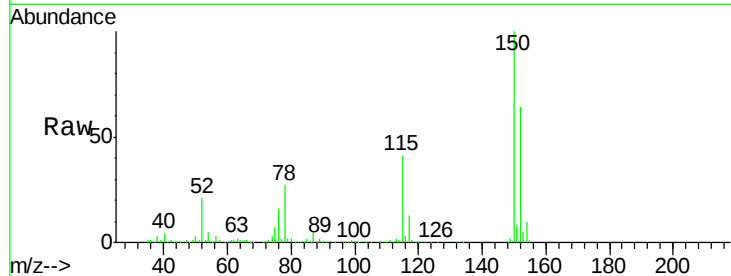


#1

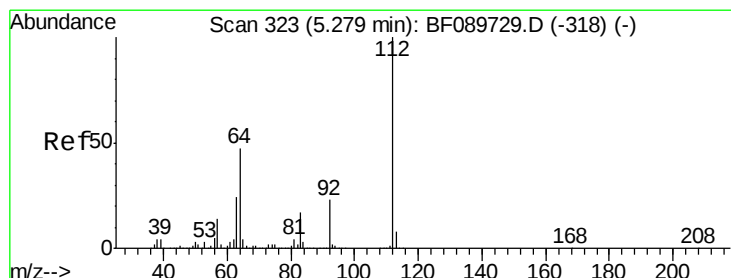
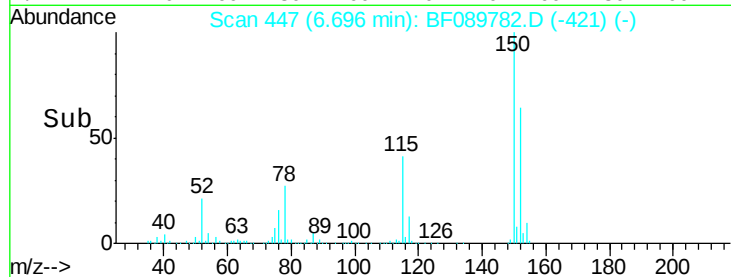
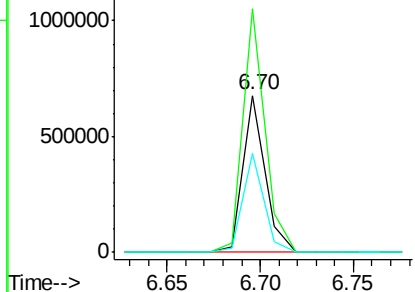
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089782.D
Acq: 17 Aug 2016 23:52

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.3	187.9
115	63.3	40.9	61.3#



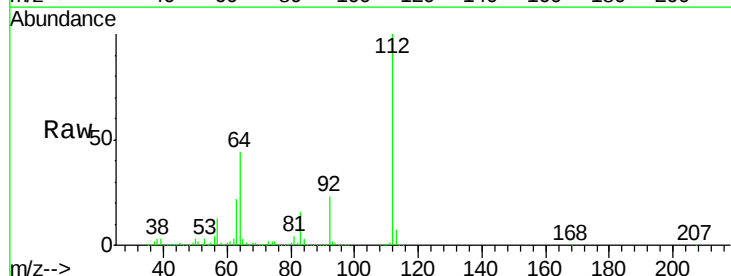
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



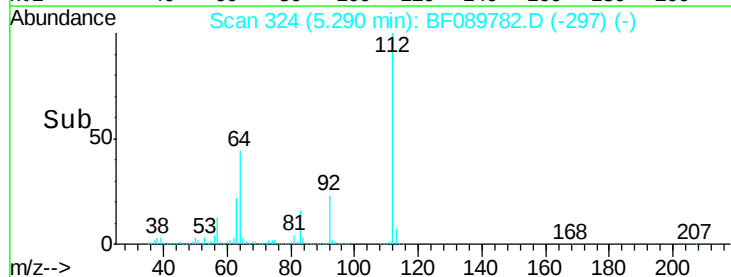
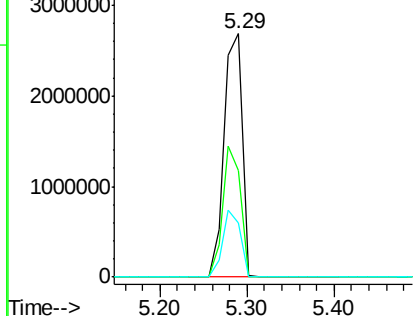
#5

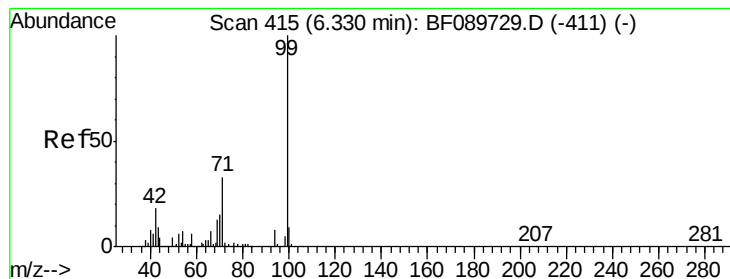
2-Fluorophenol
Concen: 116.69 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF089782.D
Acq: 17 Aug 2016 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.0	45.0	67.4#
63	22.3	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: 116.57 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089782.D

Acq: 17 Aug 2016 23:52

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-7

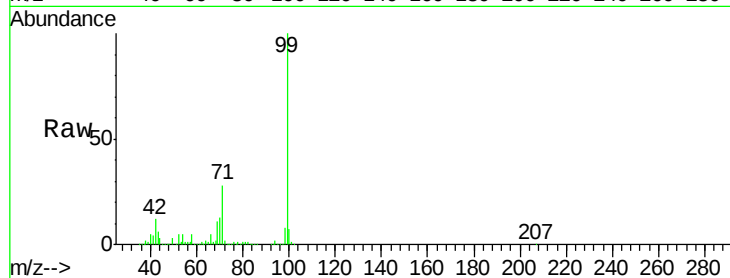
Tot Ion: 99 Resp: 4958876

Ion Ratio Lower Upper

99 100

42 12.2 12.2 18.4#

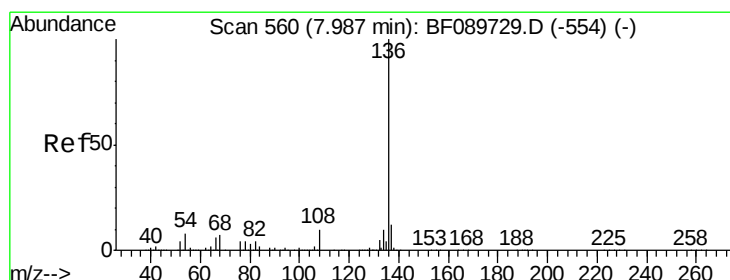
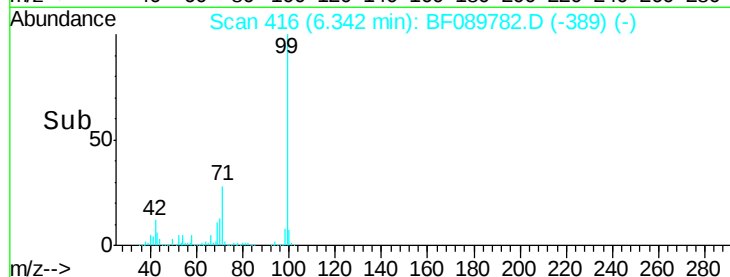
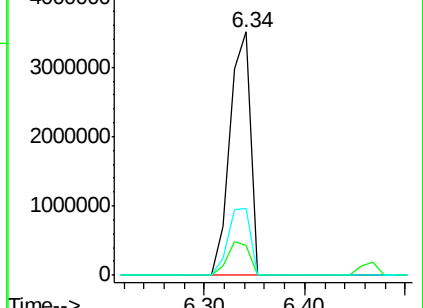
71 27.7 23.8 35.8



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: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089782.D

Acq: 17 Aug 2016 23:52

Tgt Ion: 136 Resp: 2251937

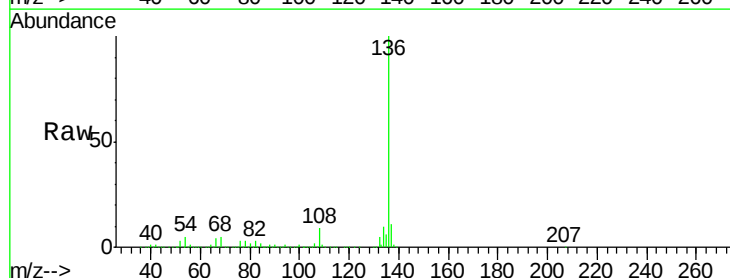
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 5.2 7.2 10.8#

68 4.7 5.8 8.8#

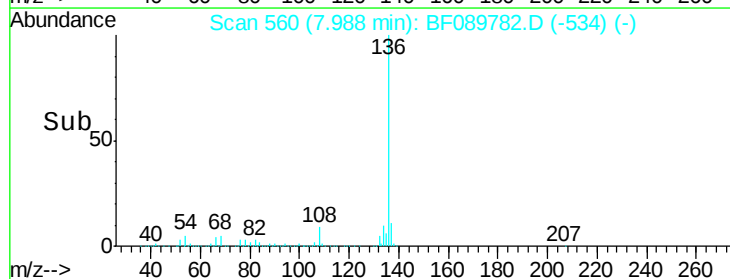
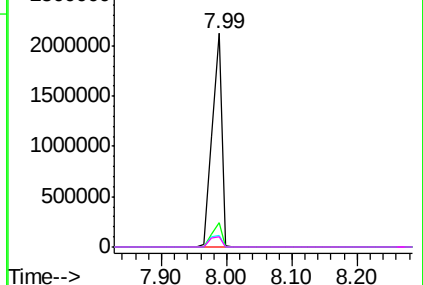


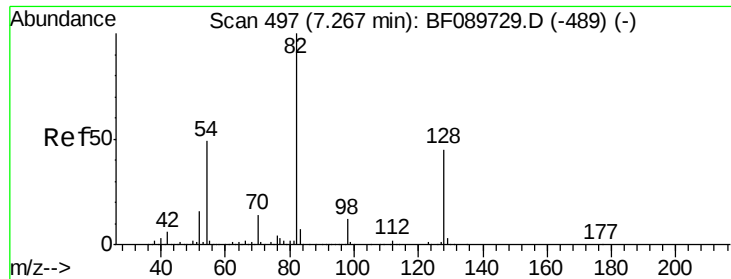
Abundance Ion 136.00 (135.70 to 136.70): E

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

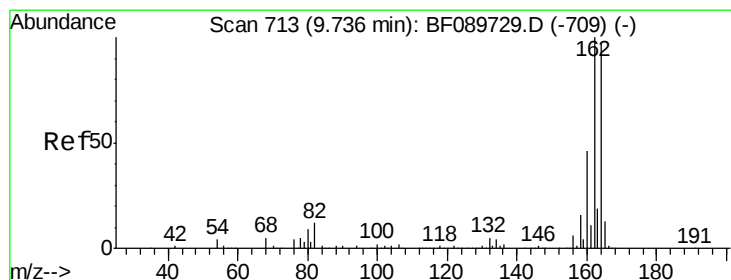
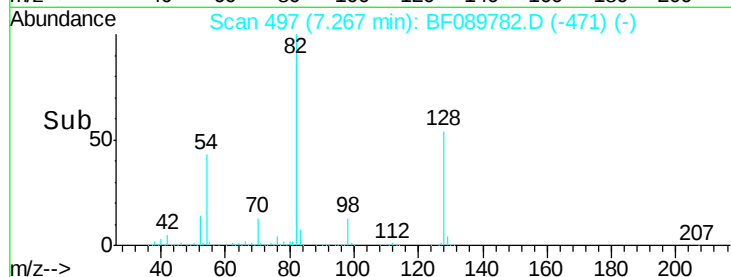
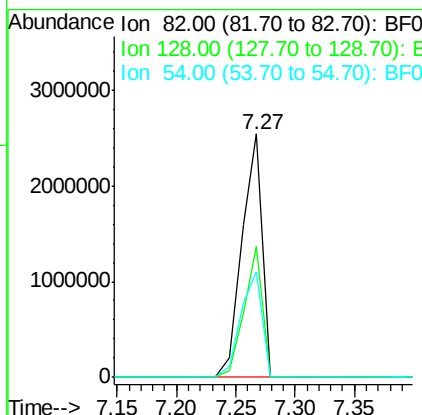
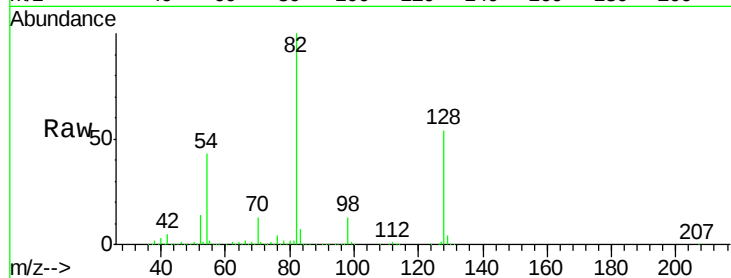




#23
 Nitrobenzene-d5
 Concen: 81.04 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089782.D
 Acq: 17 Aug 2016 23:52

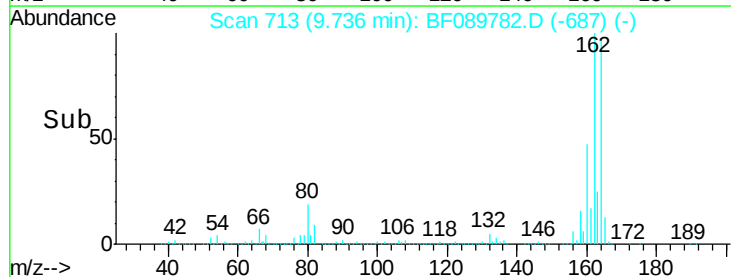
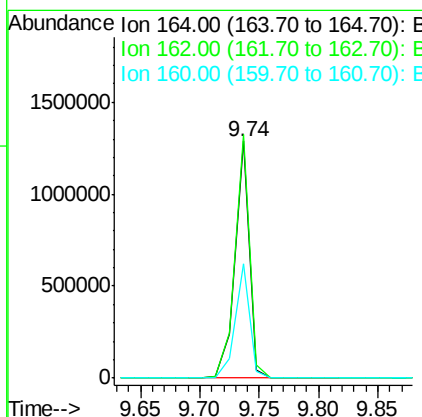
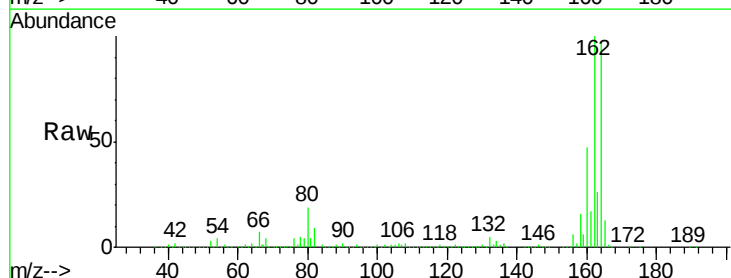
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-7

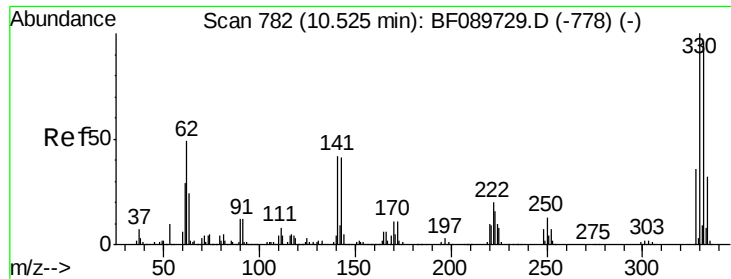
Tot Ion: 82 Resp: 2988736
 Ion Ratio Lower Upper
 82 100
 128 53.6 34.4 51.6#
 54 43.1 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089782.D
 Acq: 17 Aug 2016 23:52

Tgt Ion:164 Resp: 1085237
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.4 122.2
 160 48.4 37.8 56.6

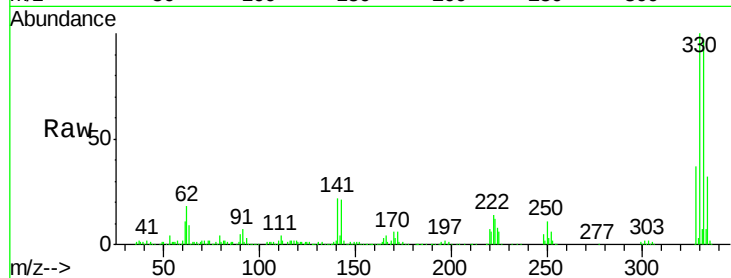




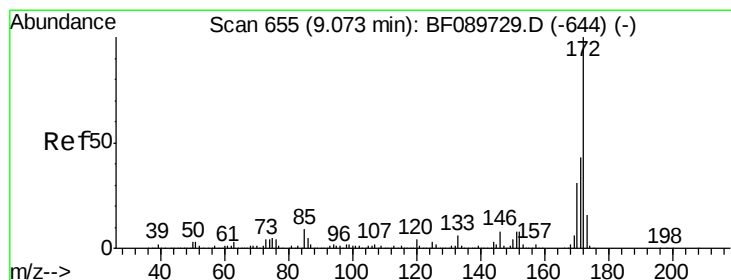
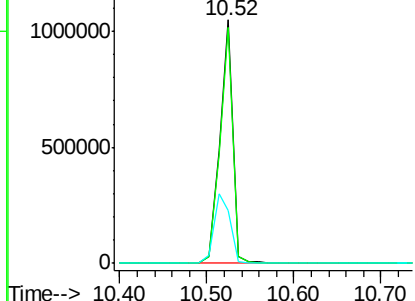
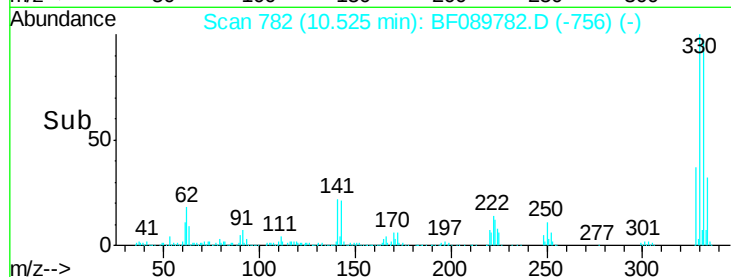
#41
 2,4,6-Tribromophenol
 Concen: 105.79 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089782.D
 Acq: 17 Aug 2016 23:52

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-7

Tot Ion:330 Resp: 1110705
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.7 115.1
 141 35.8 30.2 45.2

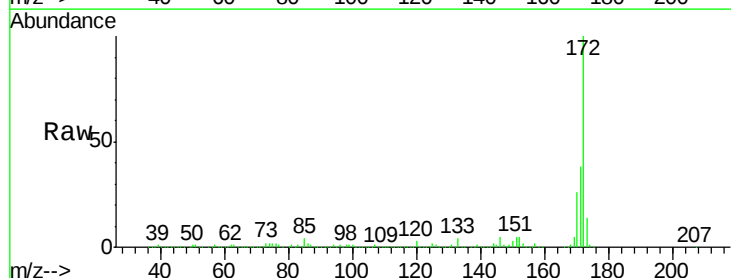


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

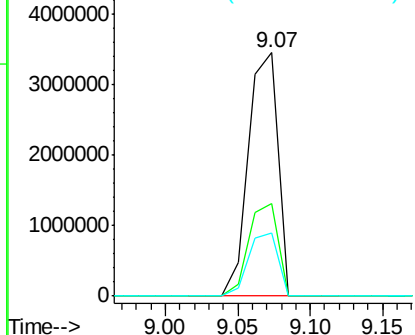
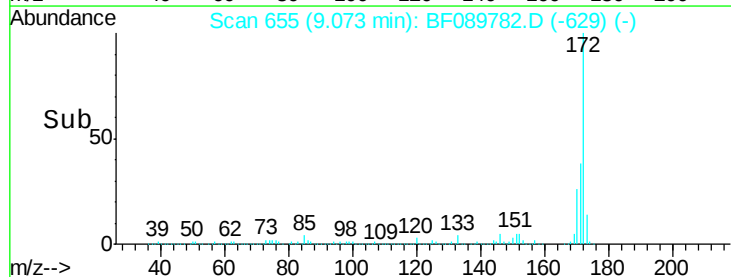


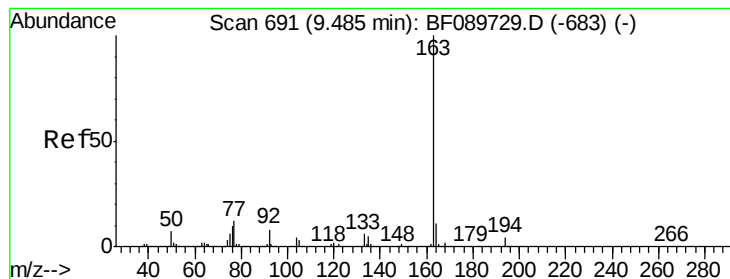
#44
 2-Fluorobiphenyl
 Concen: 72.15 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089782.D
 Acq: 17 Aug 2016 23:52

Tgt Ion:172 Resp: 4879862
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.5 45.7
 170 26.0 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: 34.63 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF089782.D

Acq: 17 Aug 2016 23:52

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-7

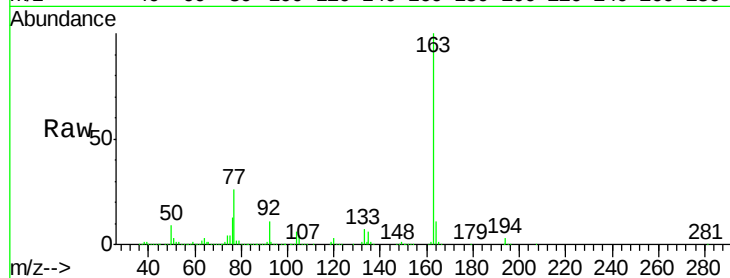
Tot Ion:163 Resp: 2719128

Ion Ratio Lower Upper

163 100

194 3.2 2.6 3.8

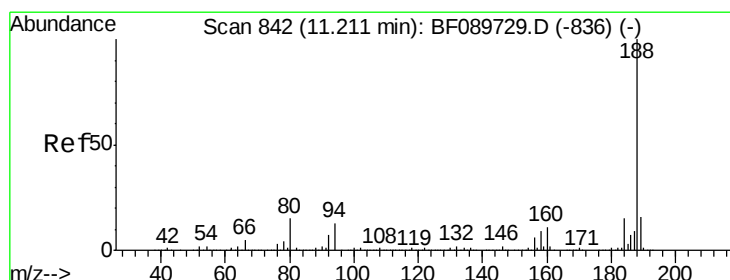
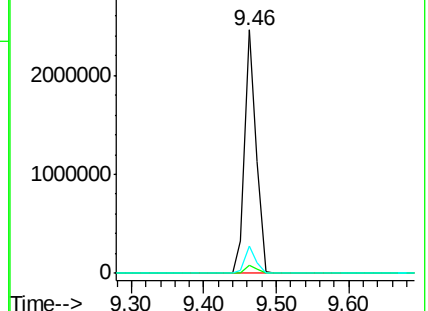
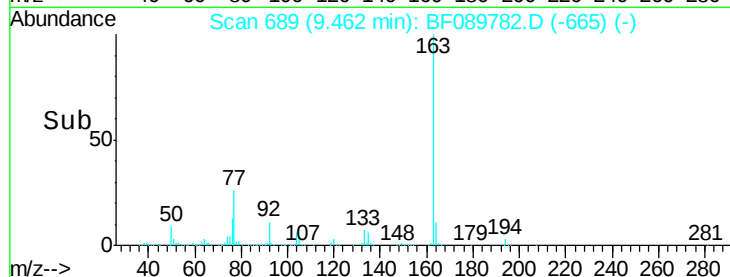
164 11.5 8.6 12.8



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: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089782.D

Acq: 17 Aug 2016 23:52

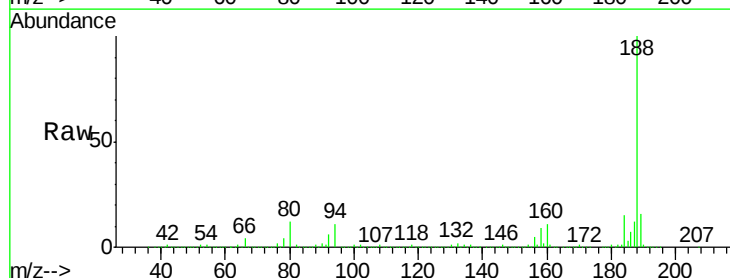
Tgt Ion:188 Resp: 1818215

Ion Ratio Lower Upper

188 100

94 11.3 10.2 15.2

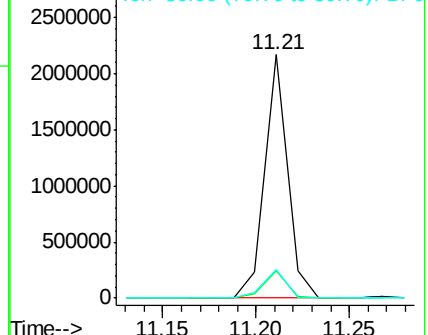
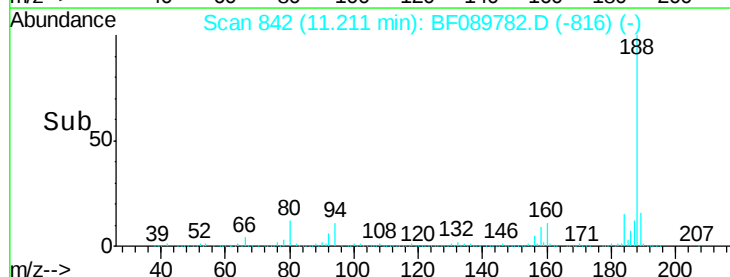
80 11.7 10.9 16.3

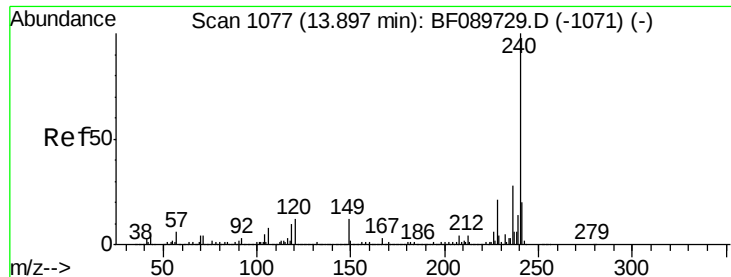


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 1074

Delta R.T. -0.03 min

Lab File: BF089782.D

Acq: 17 Aug 2016 23:52

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670-UNDERCLIFF-7

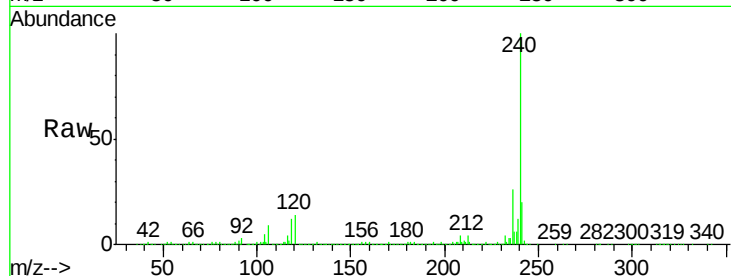
Tot Ion:240 Resp: 1328240

Ion Ratio Lower Upper

240 100

120 13.6 8.3 12.5#

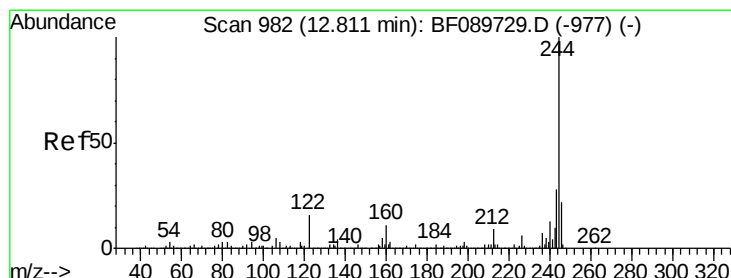
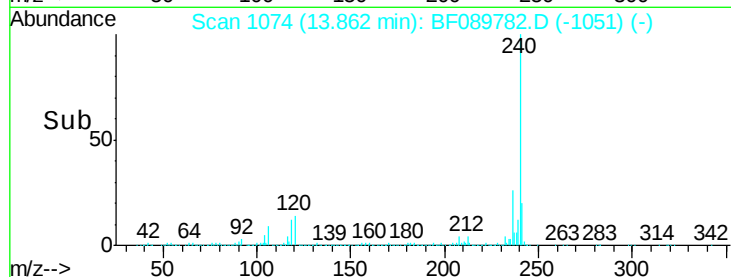
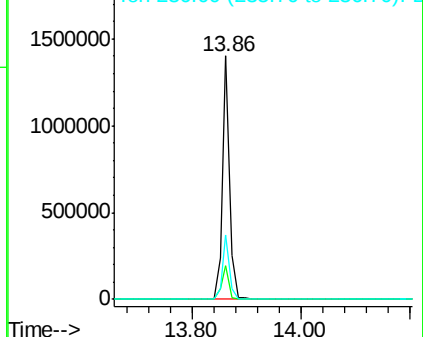
236 26.5 21.3 31.9



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: 87.71 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF089782.D

Acq: 17 Aug 2016 23:52

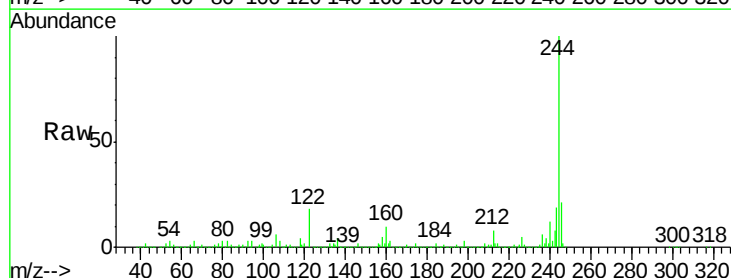
Tgt Ion:244 Resp: 3899489

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

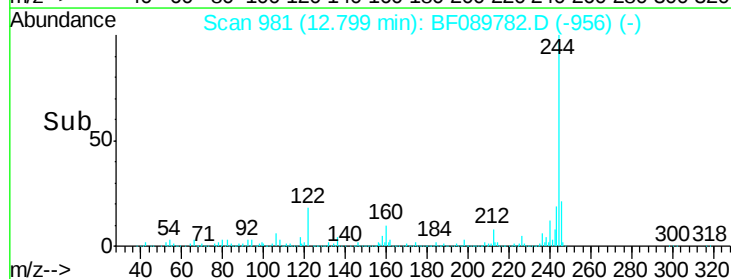
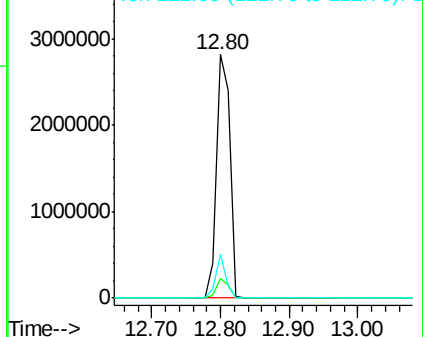
122 17.9 12.0 18.0

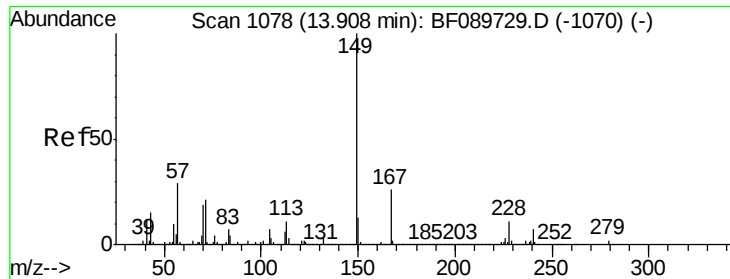


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

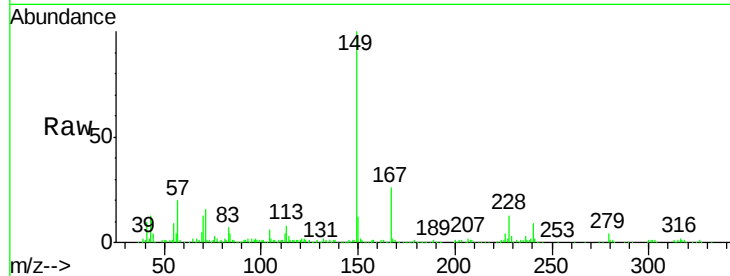




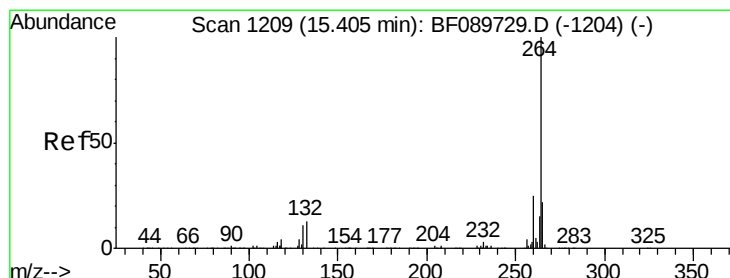
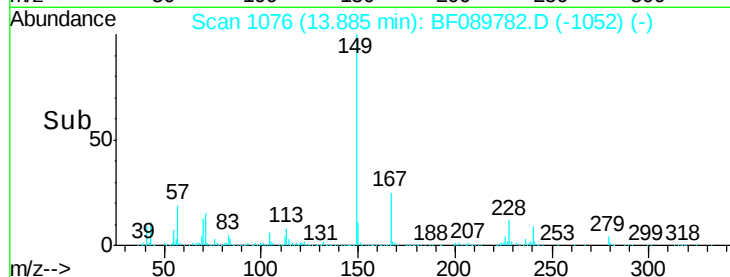
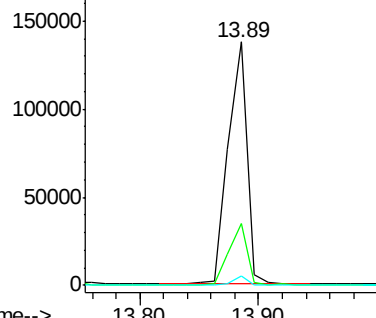
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.63 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF089782.D
 Acq: 17 Aug 2016 23:52

Instrument :
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 670-UNDERCLIFF-7

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.2	31.8
279	4.0	2.9	4.3

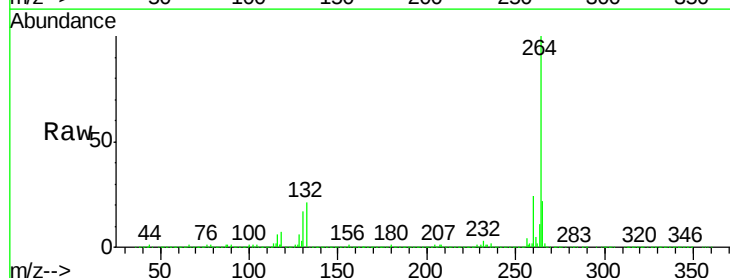


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1202
 Delta R.T. -0.08 min
 Lab File: BF089782.D
 Acq: 17 Aug 2016 23:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.2	30.2
265	22.3	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

