

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089778.D
 Acq On : 17 Aug 2016 22:06
 Operator : UM/SJ
 Sample : H4490-06
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-3

Quant Time: Aug 18 09:19:51 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

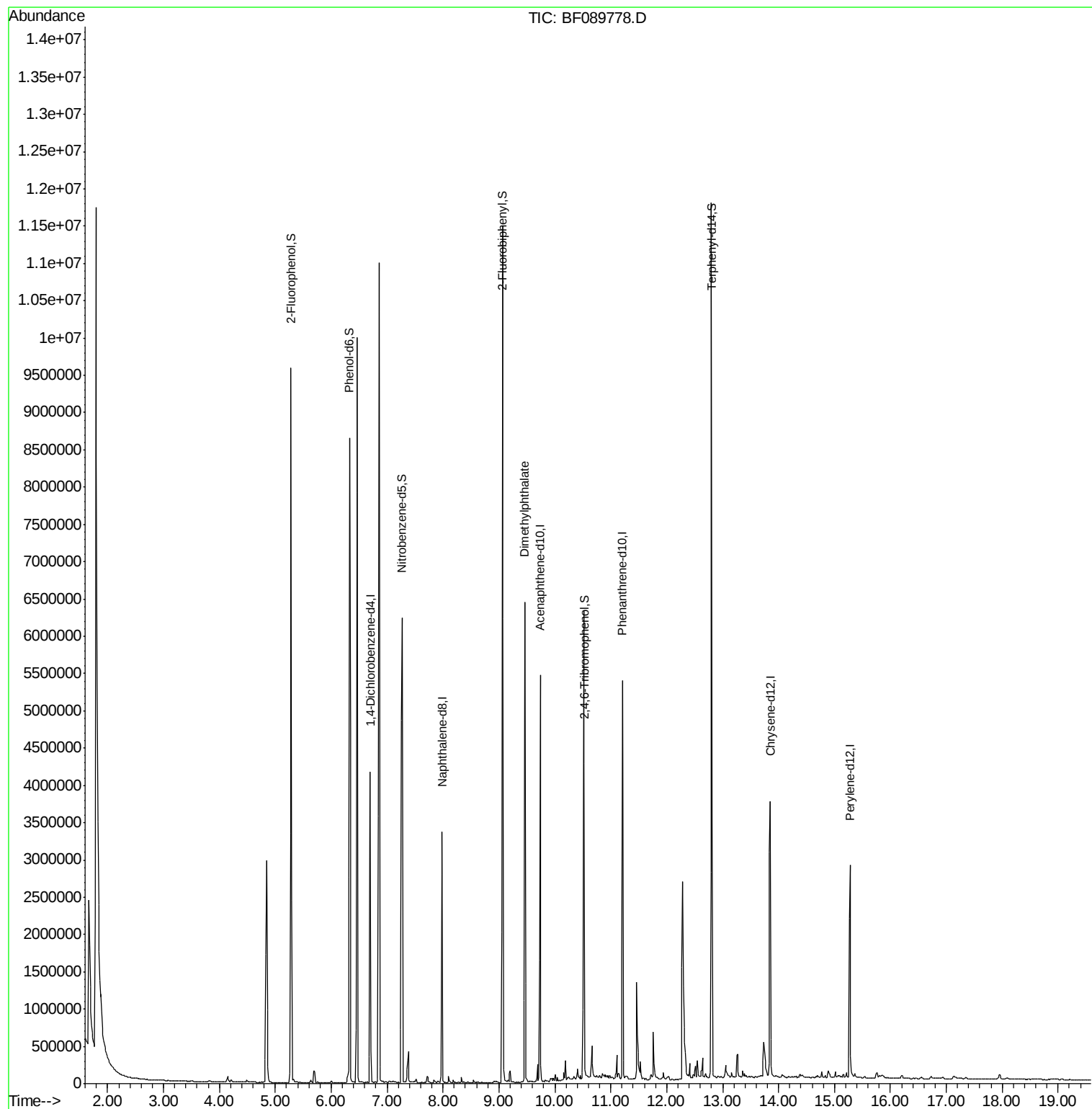
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	569712	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2190575	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1084099	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	1946719	20.00	ng	0.00
75) Chrysene-d12	13.85	240	1706582	20.00	ng	-0.05
86) Perylene-d12	15.28	264	1429696	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	3307118	96.85	ng	0.00
7) Phenol-d6	6.33	99	4307079	99.17	ng	0.00
23) Nitrobenzene-d5	7.27	82	2859350	79.70	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1123632	107.14	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	4633588	68.58	ng	-0.01
78) Terphenyl-d14	12.80	244	3864532	67.65	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	2756394	35.14	ng	98

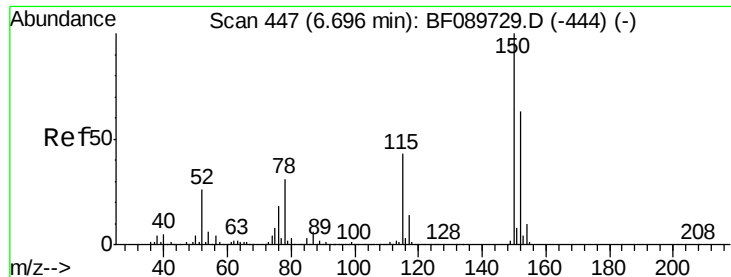
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089778.D

Acq: 17 Aug 2016 22:06

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-3

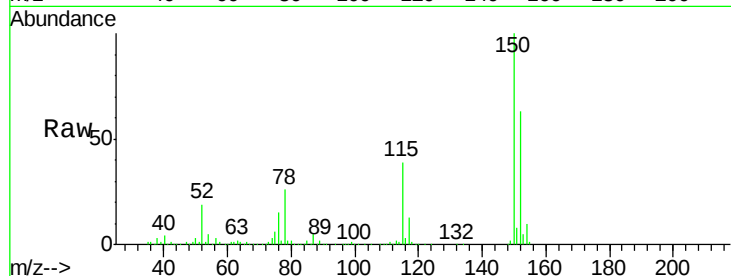
Tot Ion:152 Resp: 569712

Ion Ratio Lower Upper

152 100

150 158.4 125.3 187.9

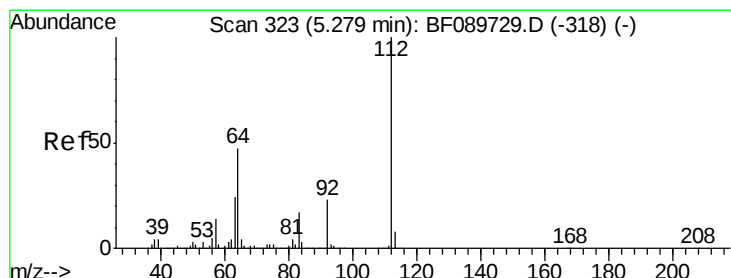
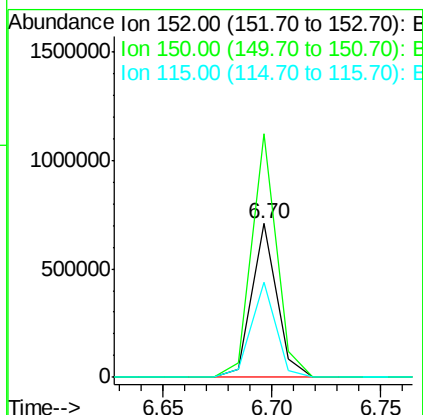
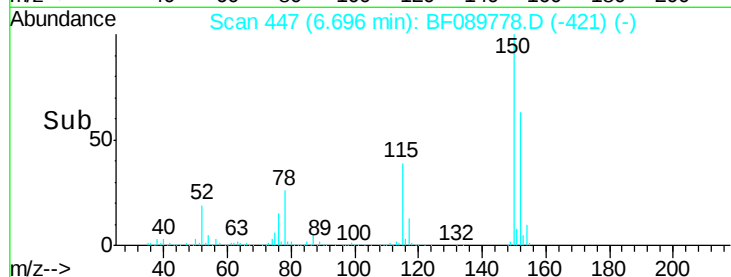
115 61.8 40.9 61.3#



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: 96.85 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF089778.D

Acq: 17 Aug 2016 22:06

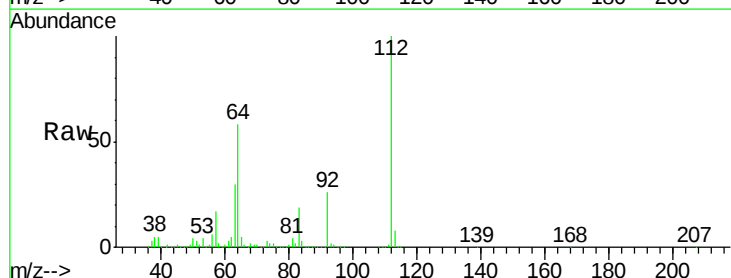
Tgt Ion:112 Resp: 3307118

Ion Ratio Lower Upper

112 100

64 58.0 45.0 67.4

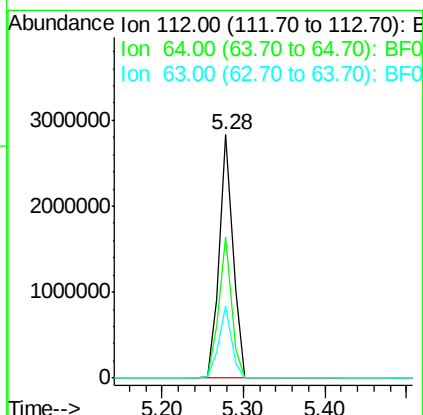
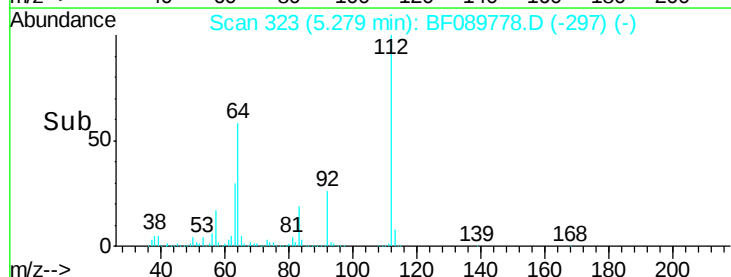
63 29.5 23.1 34.7

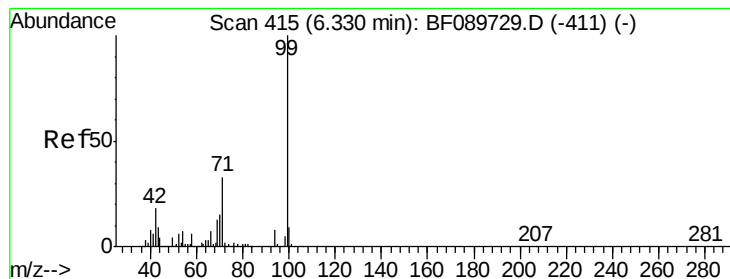


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.17 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089778.D

Acq: 17 Aug 2016 22:06

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-3

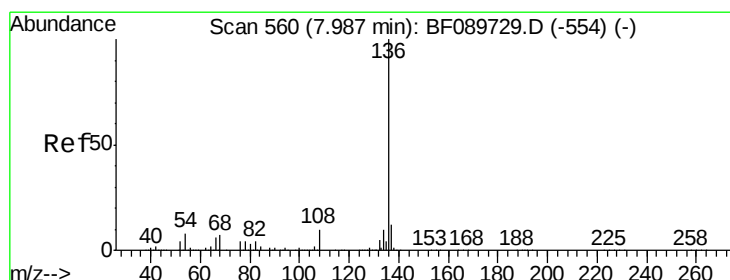
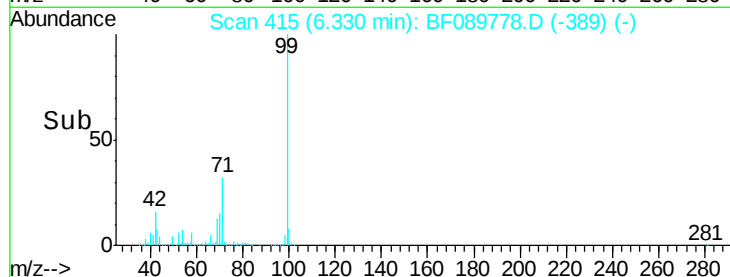
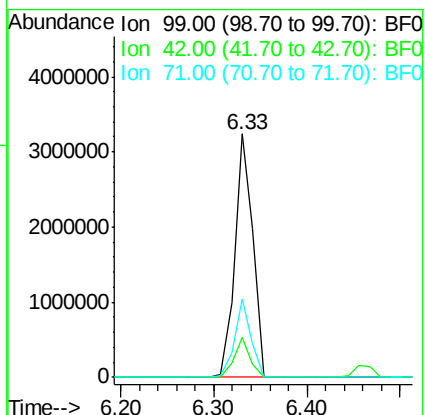
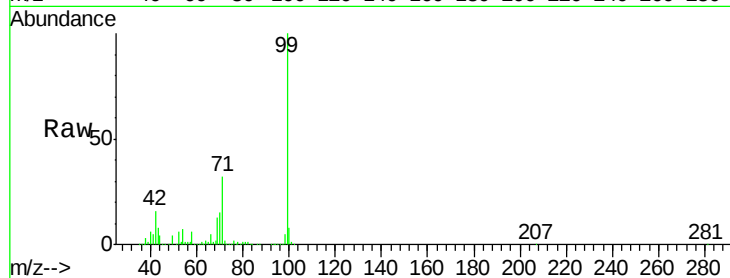
Tot Ion: 99 Resp: 4307079

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.4

71 32.5 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089778.D

Acq: 17 Aug 2016 22:06

Tgt Ion: 136 Resp: 2190575

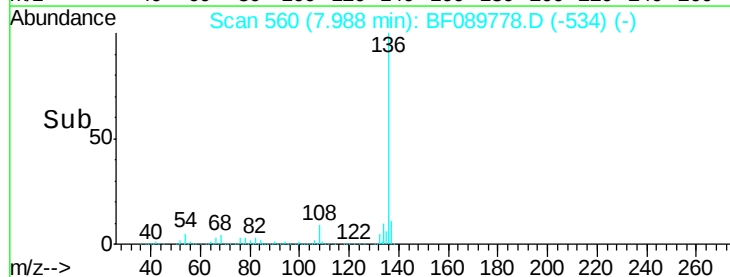
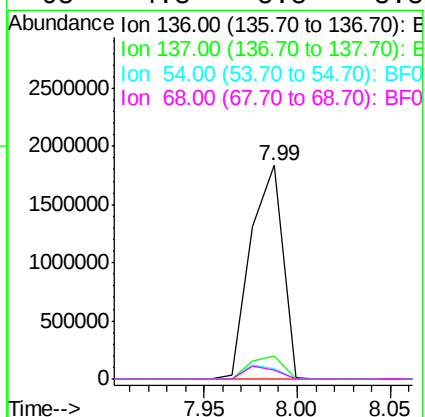
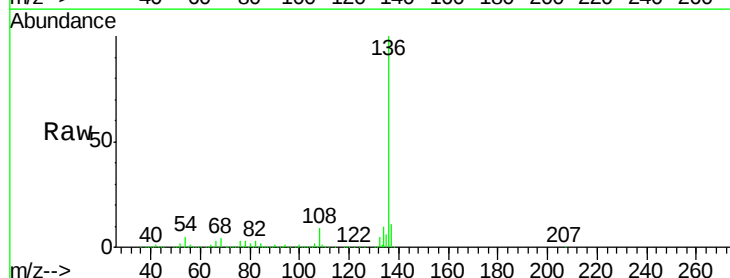
Ion Ratio Lower Upper

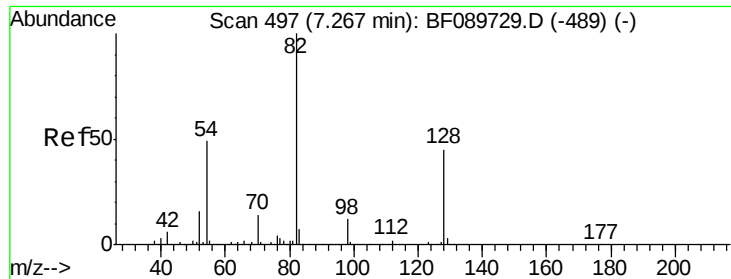
136 100

137 10.8 9.2 13.8

54 4.6 7.2 10.8#

68 4.3 5.8 8.8#

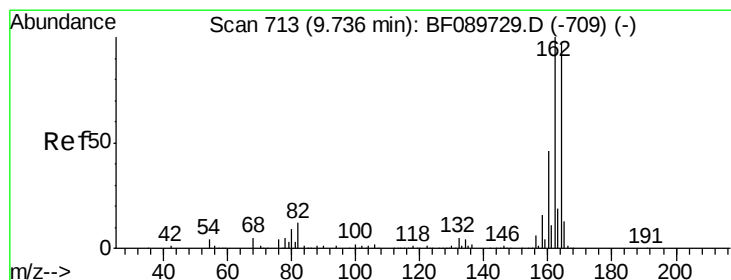
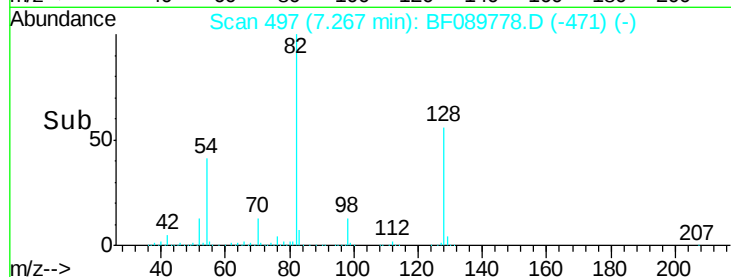
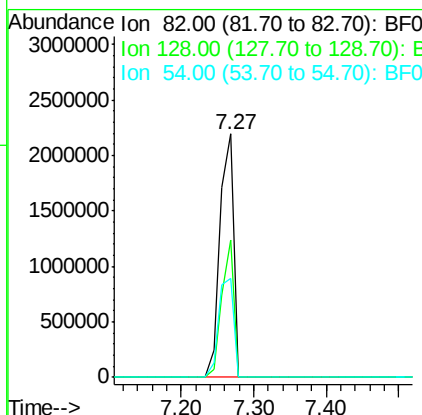
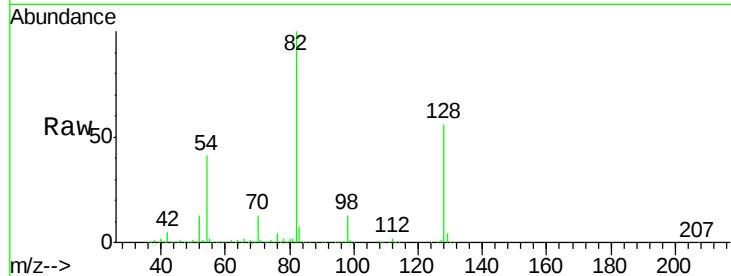




#23
 Nitrobenzene-d5
 Concen: 79.70 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089778.D
 Acq: 17 Aug 2016 22:06

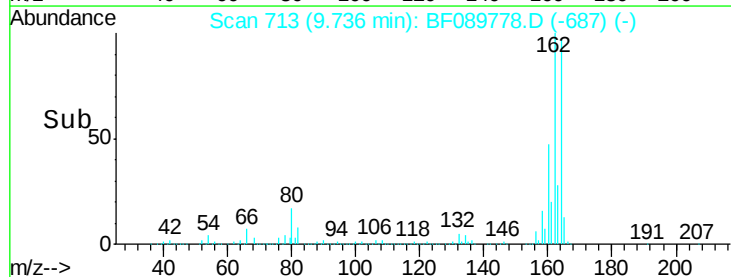
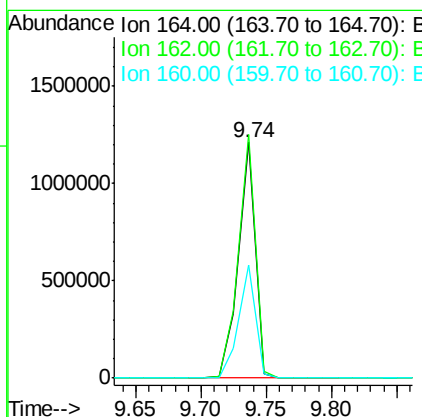
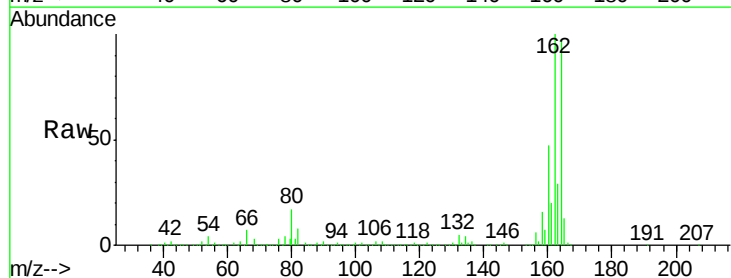
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-3

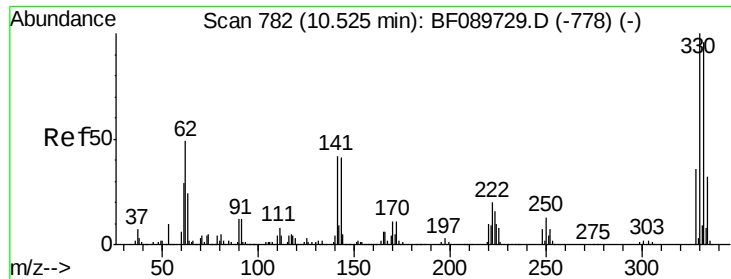
Tot Ion: 82 Resp: 2859350
 Ion Ratio Lower Upper
 82 100
 128 56.3 34.4 51.6#
 54 40.6 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089778.D
 Acq: 17 Aug 2016 22:06

Tgt Ion: 164 Resp: 1084099
 Ion Ratio Lower Upper
 164 100
 162 103.4 81.4 122.2
 160 48.3 37.8 56.6

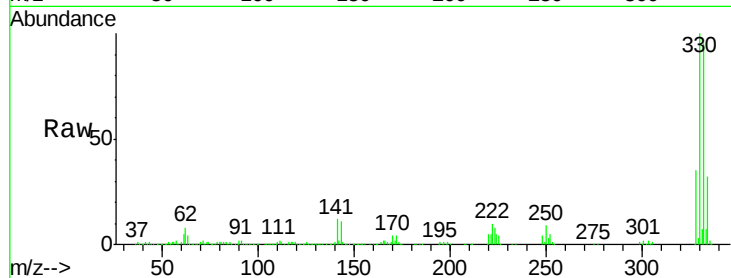




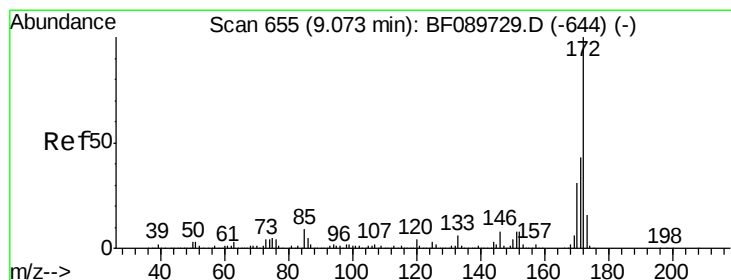
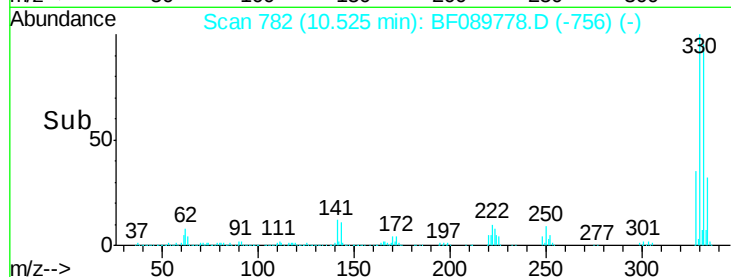
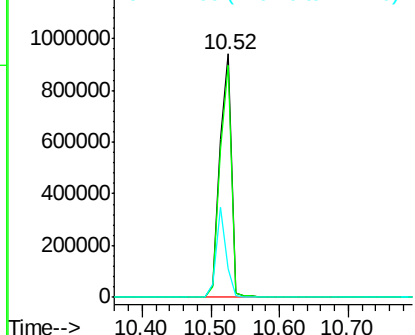
#41
 2,4,6-Tribromophenol
 Concen: 107.14 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089778.D
 Acq: 17 Aug 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-3

Tot Ion:330 Resp: 1123632
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.7 115.1
 141 31.5 30.2 45.2

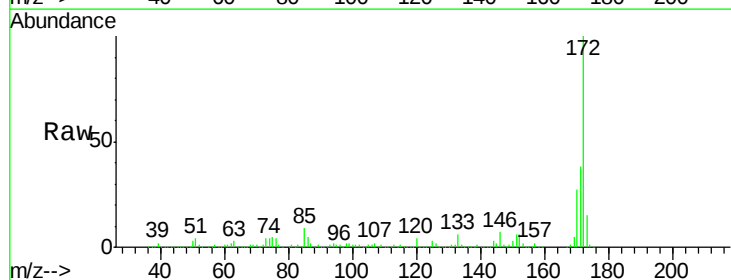


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

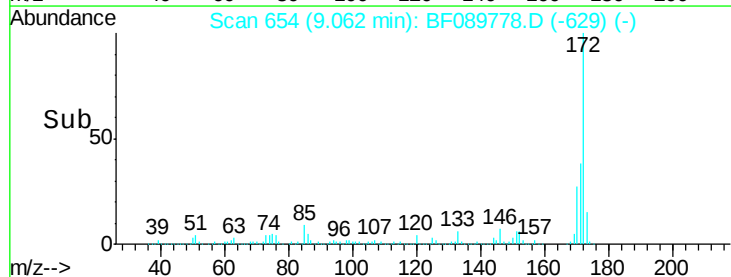
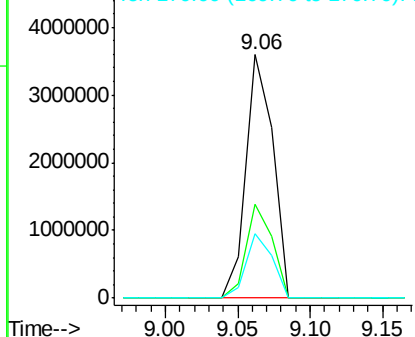


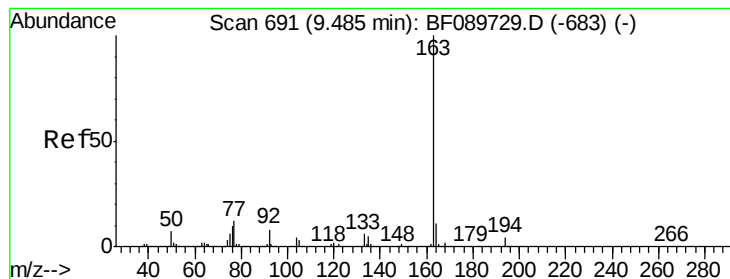
#44
 2-Fluorobiphenyl
 Concen: 68.58 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF089778.D
 Acq: 17 Aug 2016 22:06

Tgt Ion:172 Resp: 4633588
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.5 45.7
 170 26.7 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: 35.14 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF089778.D

Acq: 17 Aug 2016 22:06

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-3

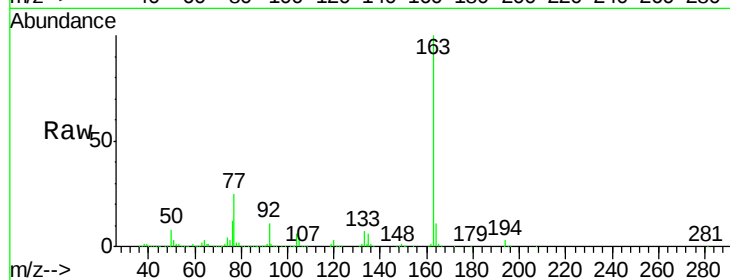
Tot Ion:163 Resp: 2756394

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

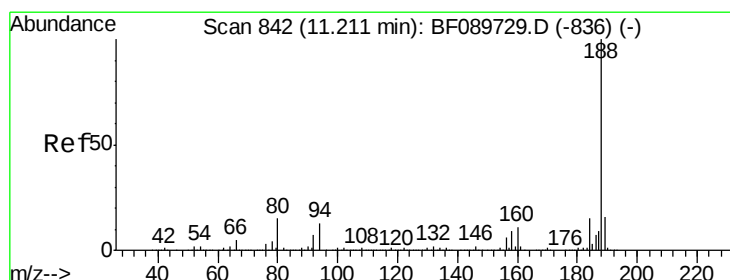
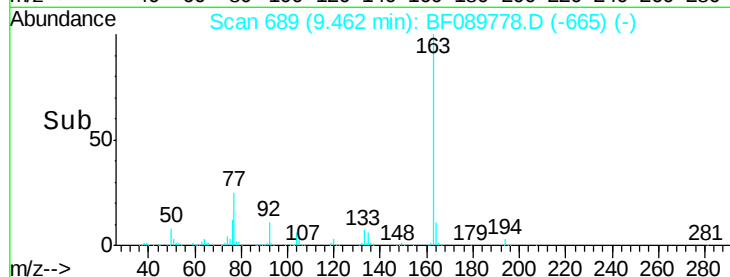
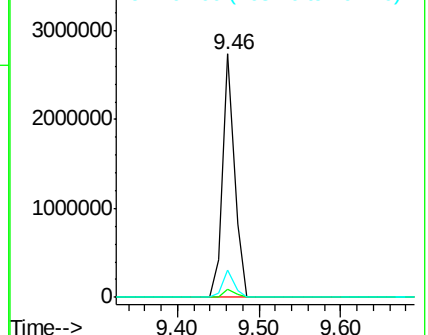
164 11.4 8.6 12.8



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: BF089778.D

Acq: 17 Aug 2016 22:06

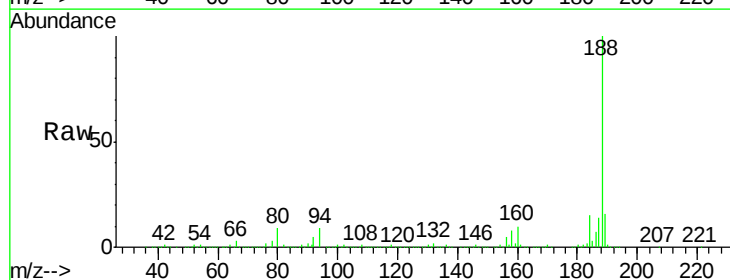
Tgt Ion:188 Resp: 1946719

Ion Ratio Lower Upper

188 100

94 9.3 10.2 15.2#

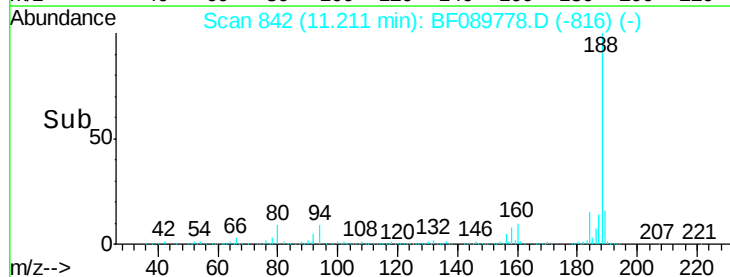
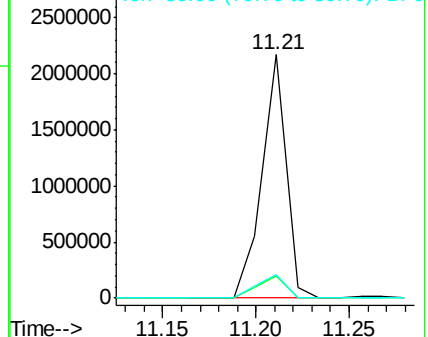
80 9.4 10.9 16.3#

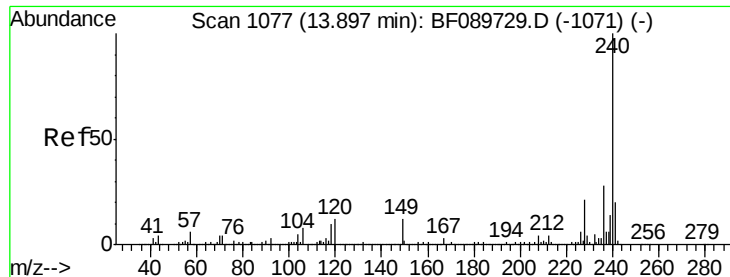


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.85 min Scan# 1073

Delta R.T. -0.05 min

Lab File: BF089778.D

Acq: 17 Aug 2016 22:06

Instrument :

BNA_F

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670-UNDERCLIFF-3

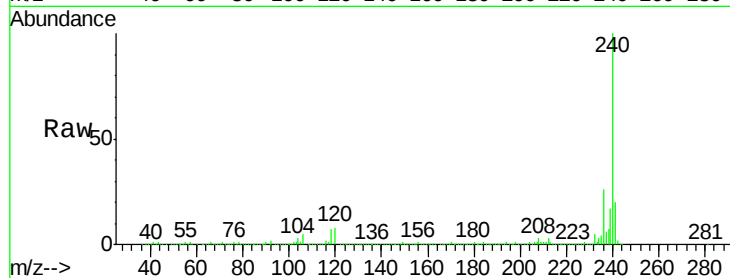
Tot Ion:240 Resp: 1706582

Ion Ratio Lower Upper

240 100

120 7.9 8.3 12.5#

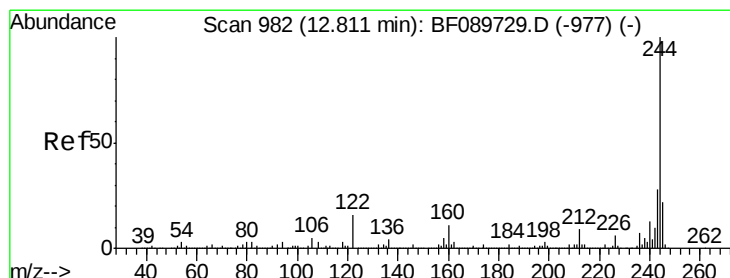
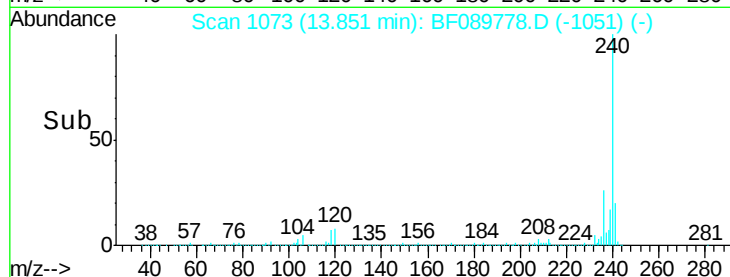
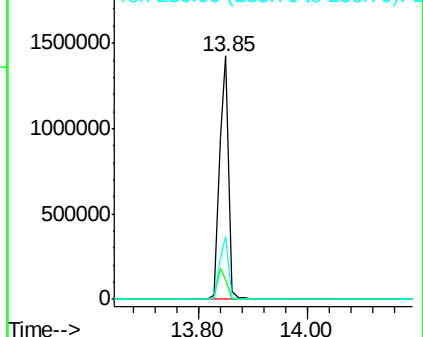
236 26.1 21.3 31.9



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: 67.65 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF089778.D

Acq: 17 Aug 2016 22:06

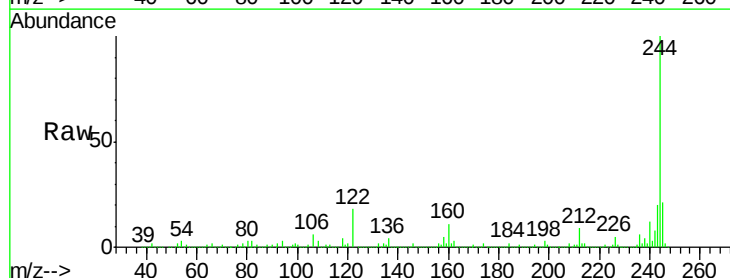
Tgt Ion:244 Resp: 3864532

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

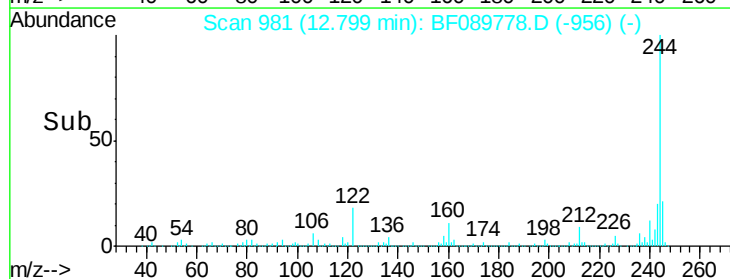
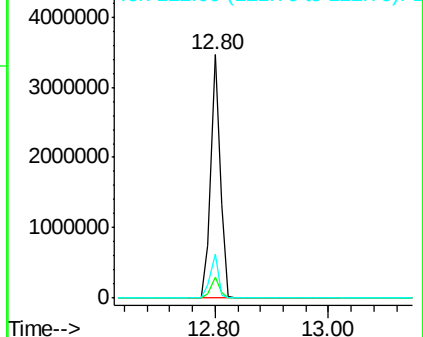
122 17.8 12.0 18.0

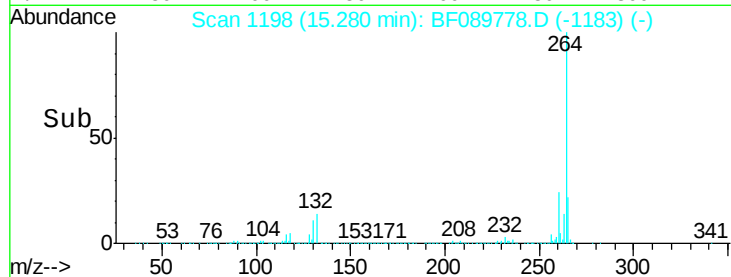
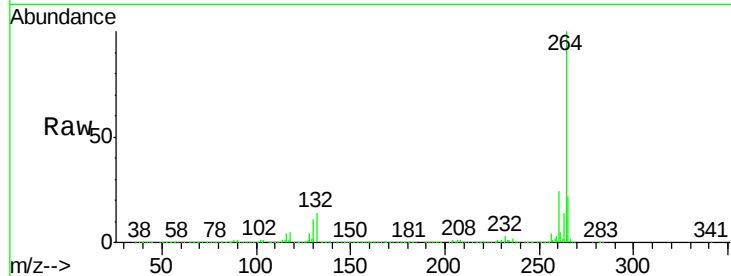
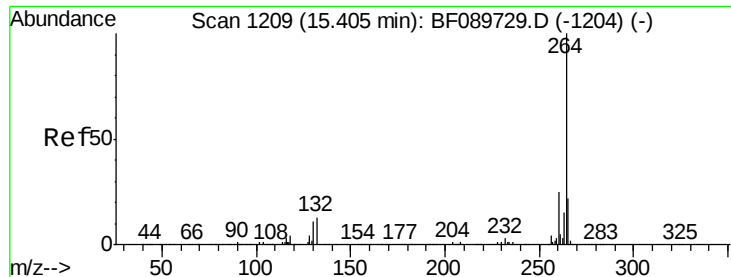


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.13 min
Lab File: BF089778.D
Acq: 17 Aug 2016 22:06

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-3

Tot Ion: 264 Resp: 1429696

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	22.3	17.4	26.2

