

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089777.D
 Acq On : 17 Aug 2016 21:39
 Operator : UM/SJ
 Sample : H4490-04
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-2

Quant Time: Aug 18 09:18:33 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

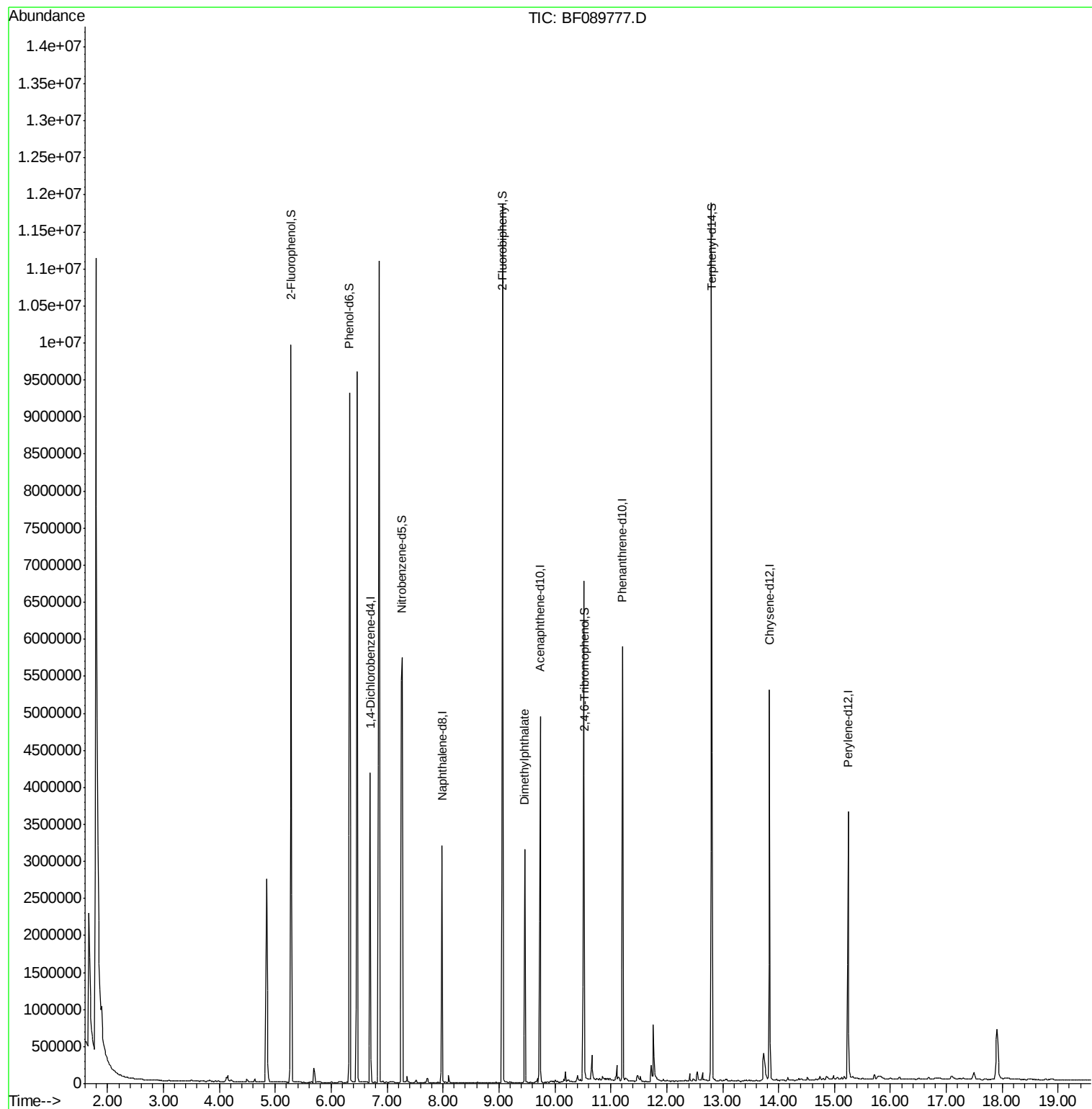
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	589046	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2220688	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1086929	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2045859	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1770066	20.00	ng	-0.06
86) Perylene-d12	15.25	264	1510008	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	3484741	98.71	ng	0.00
7) Phenol-d6	6.33	99	4347708	96.82	ng	0.00
23) Nitrobenzene-d5	7.27	82	2920016	80.29	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1197225	113.86	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	4914548	72.55	ng	-0.01
78) Terphenyl-d14	12.80	244	4224481	71.30	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	1234608	15.70	ng	99

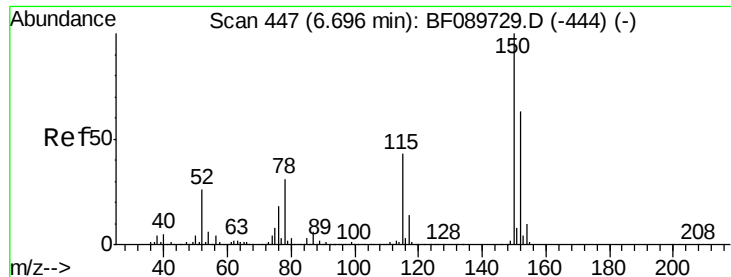
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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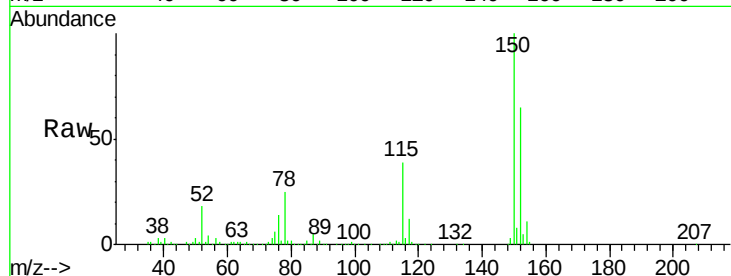


#1

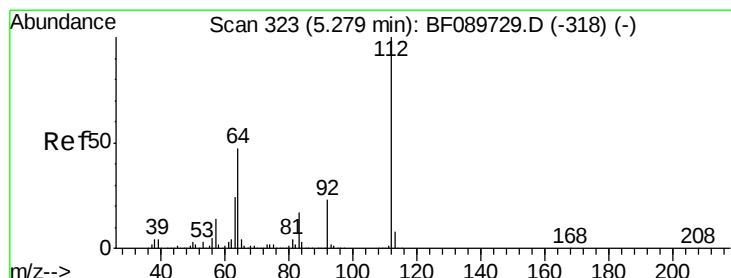
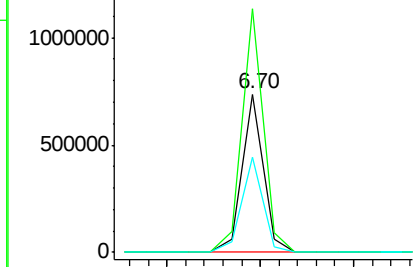
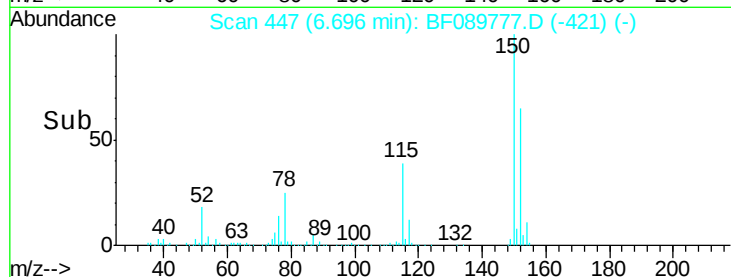
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089777.D
Acq: 17 Aug 2016 21:39

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.3	187.9
115	60.6	40.9	61.3



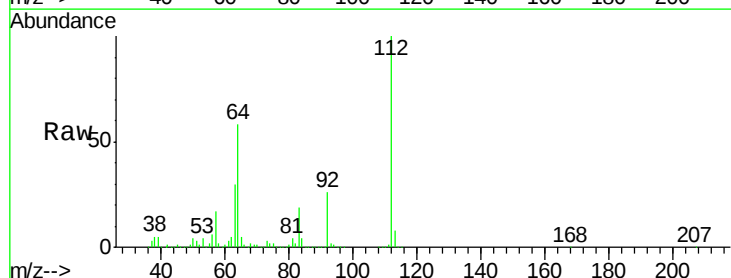
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



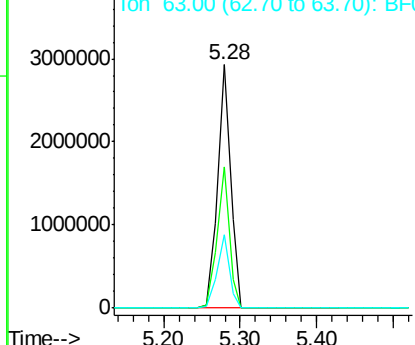
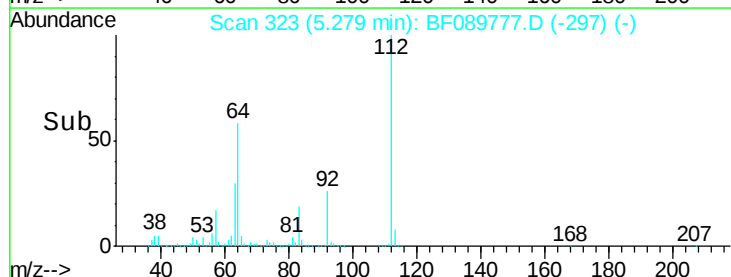
#5

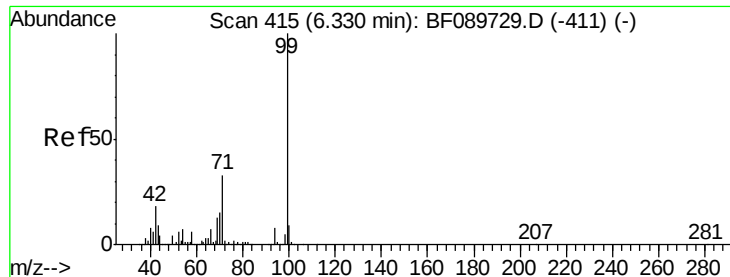
2-Fluorophenol
Concen: 98.71 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089777.D
Acq: 17 Aug 2016 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.0	67.4
63	29.9	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: 96.82 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089777.D

Acq: 17 Aug 2016 21:39

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-2

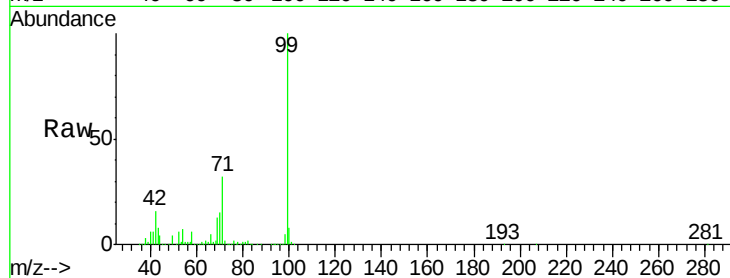
Tot Ion: 99 Resp: 4347708

Ion Ratio Lower Upper

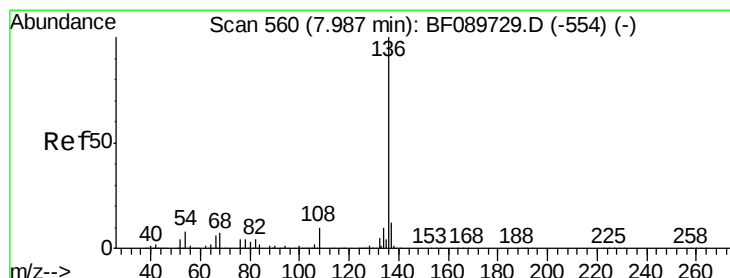
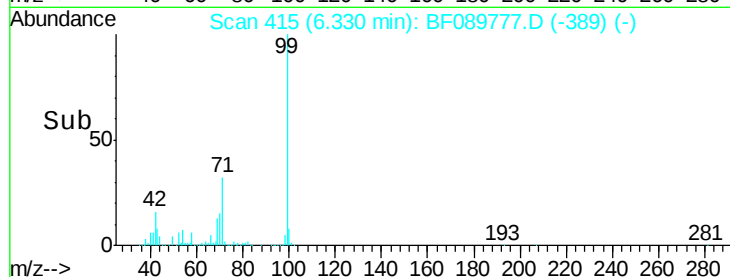
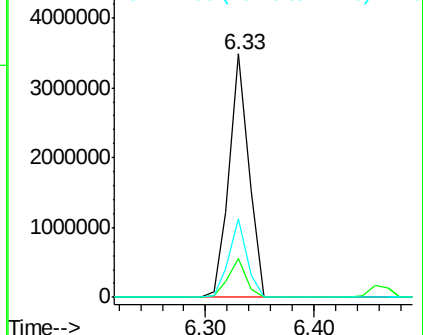
99 100

42 16.1 12.2 18.4

71 32.5 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: BF089777.D

Acq: 17 Aug 2016 21:39

Tgt Ion: 136 Resp: 2220688

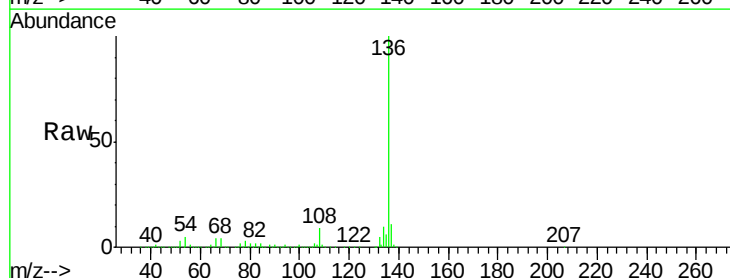
Ion Ratio Lower Upper

136 100

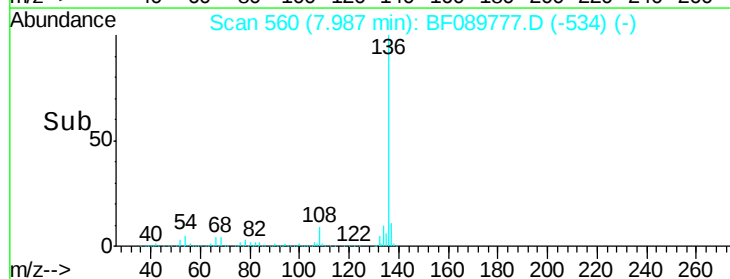
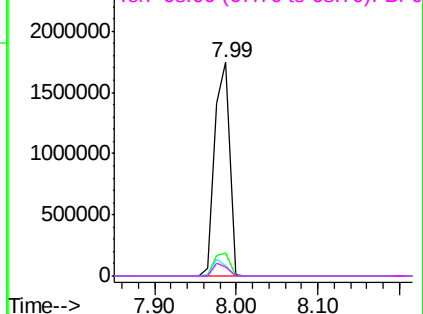
137 10.8 9.2 13.8

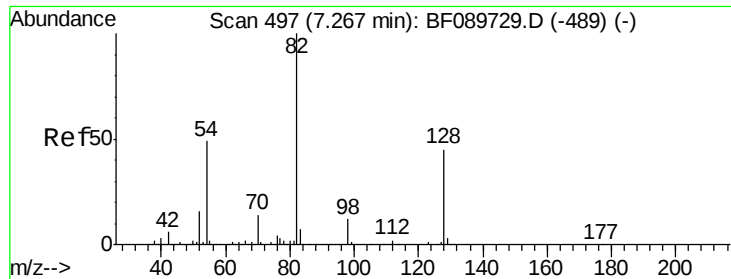
54 4.7 7.2 10.8#

68 4.4 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

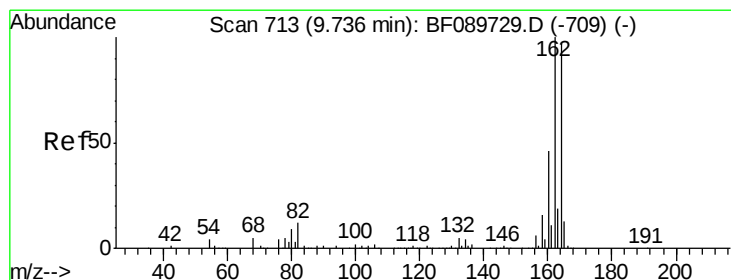
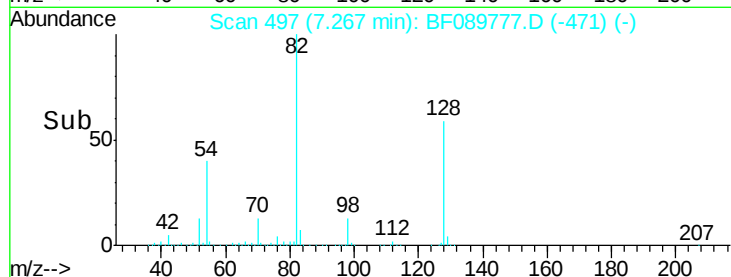
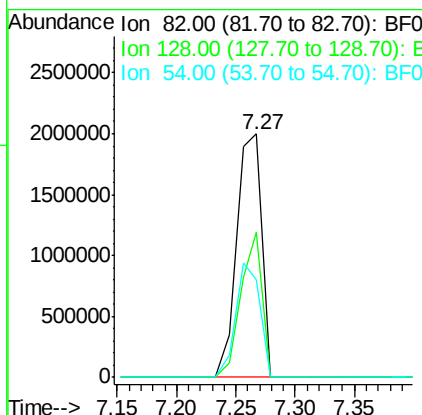
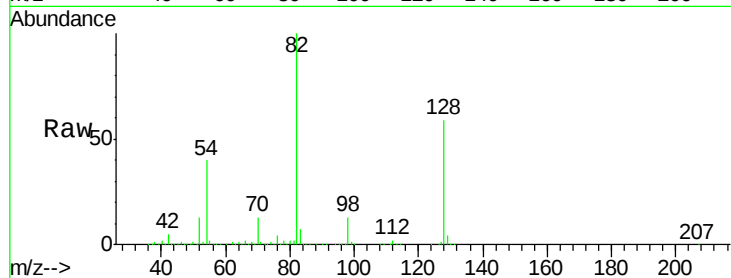




#23
 Nitrobenzene-d5
 Concen: 80.29 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089777.D
 Acq: 17 Aug 2016 21:39

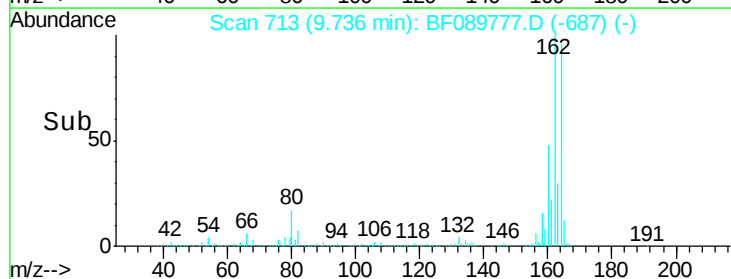
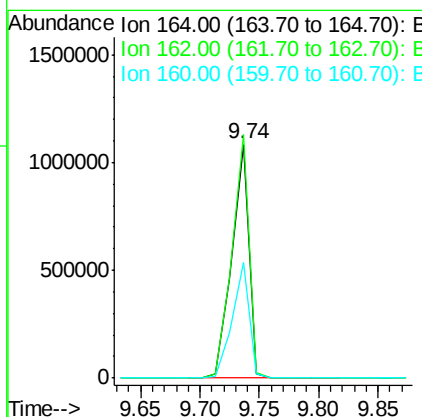
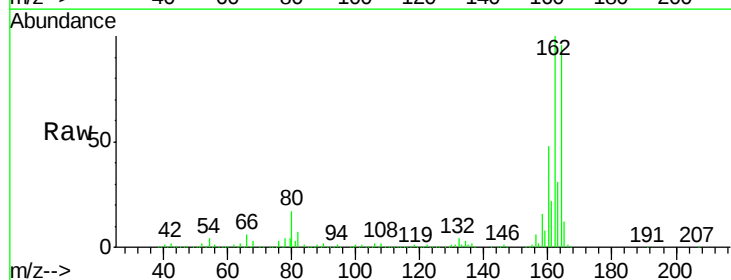
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-2

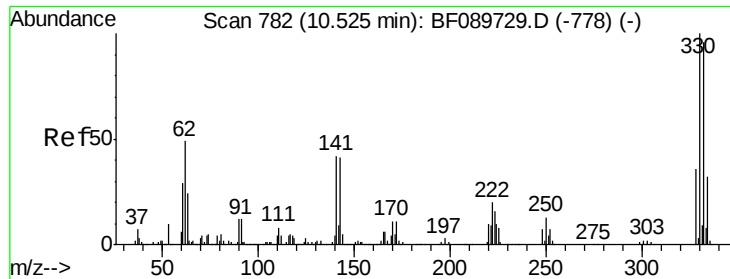
Tot Ion: 82 Resp: 2920016
 Ion Ratio Lower Upper
 82 100
 128 59.5 34.4 51.6#
 54 40.1 40.3 60.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089777.D
 Acq: 17 Aug 2016 21:39

Tgt Ion:164 Resp: 1086929
 Ion Ratio Lower Upper
 164 100
 162 104.1 81.4 122.2
 160 49.6 37.8 56.6

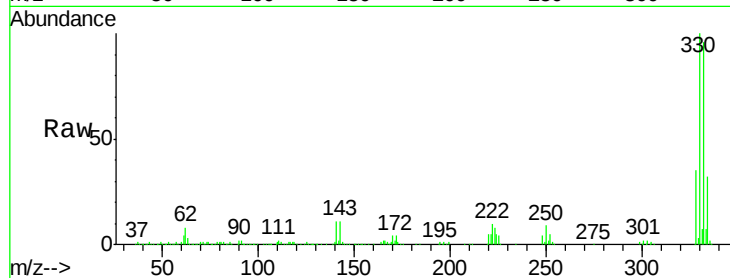




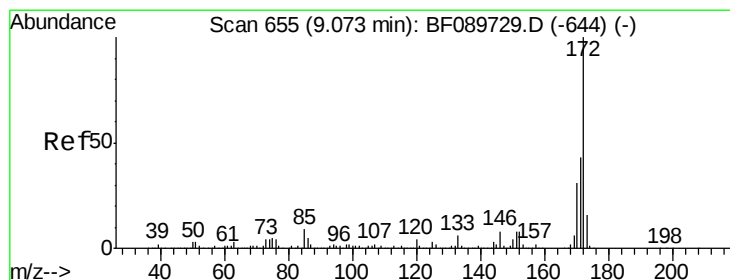
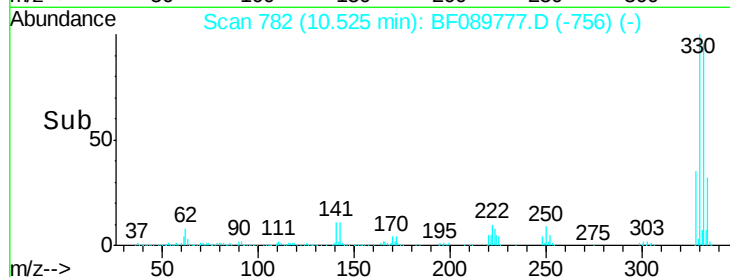
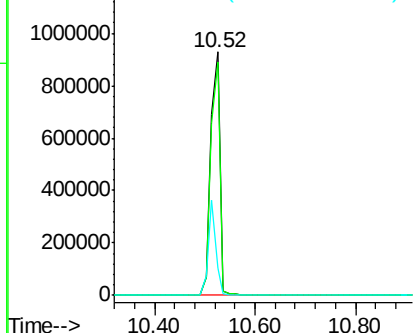
#41
 2,4,6-Tribromophenol
 Concen: 113.86 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089777.D
 Acq: 17 Aug 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-2

Tot Ion:330 Resp: 1197225
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.7 115.1
 141 32.0 30.2 45.2

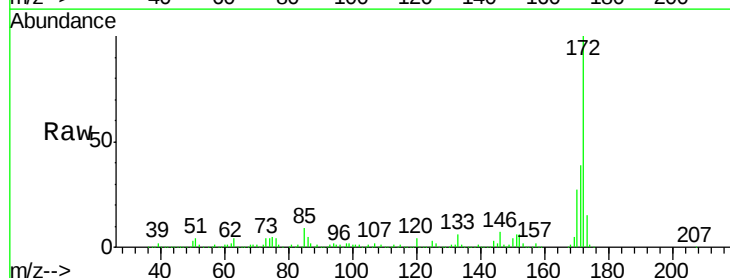


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

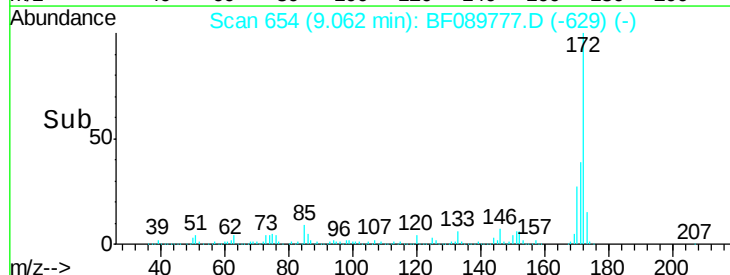
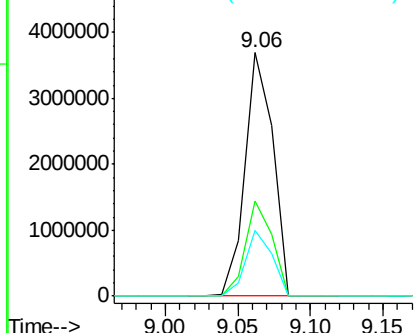


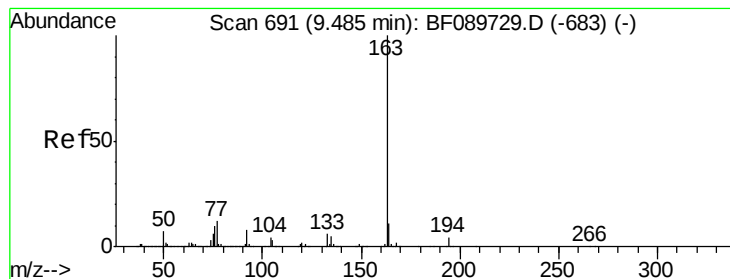
#44
 2-Fluorobiphenyl
 Concen: 72.55 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF089777.D
 Acq: 17 Aug 2016 21:39

Tgt Ion:172 Resp: 4914548
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.5 45.7
 170 26.9 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: 15.70 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF089777.D

Acq: 17 Aug 2016 21:39

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-2

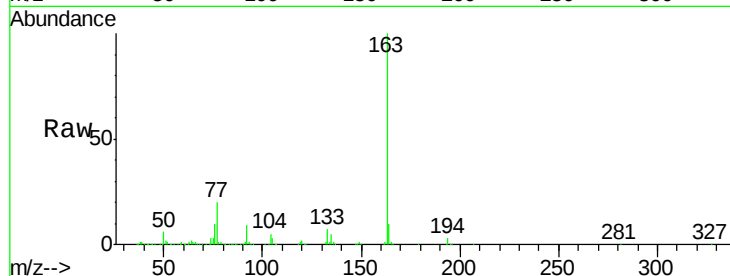
Tot Ion:163 Resp: 1234608

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

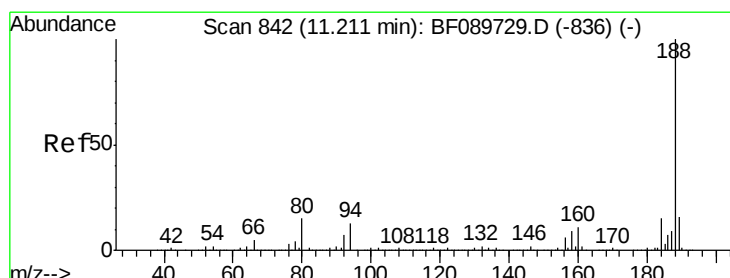
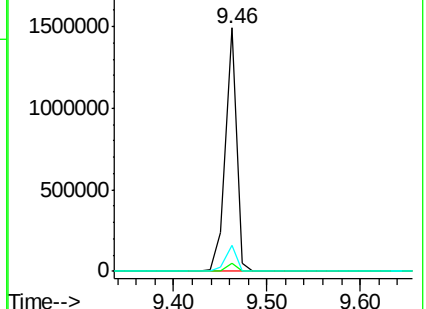
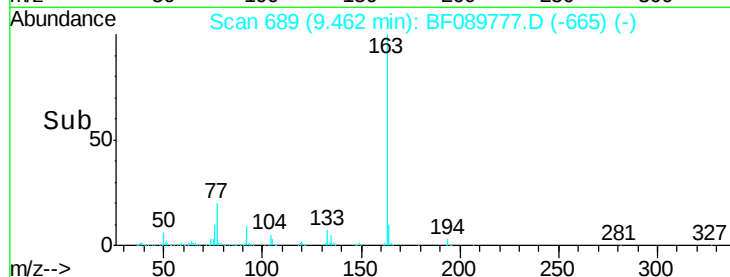
164 10.4 8.6 12.8



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: BF089777.D

Acq: 17 Aug 2016 21:39

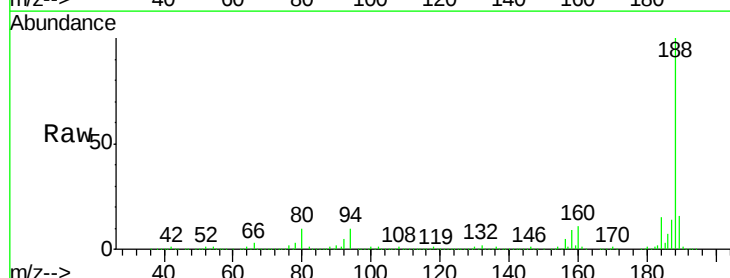
Tgt Ion:188 Resp: 2045859

Ion Ratio Lower Upper

188 100

94 9.5 10.2 15.2#

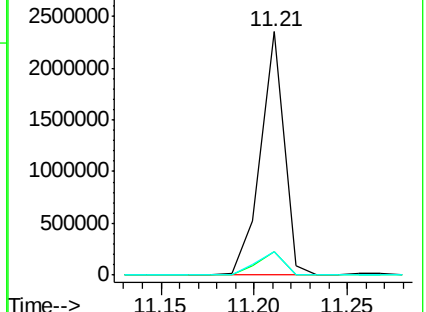
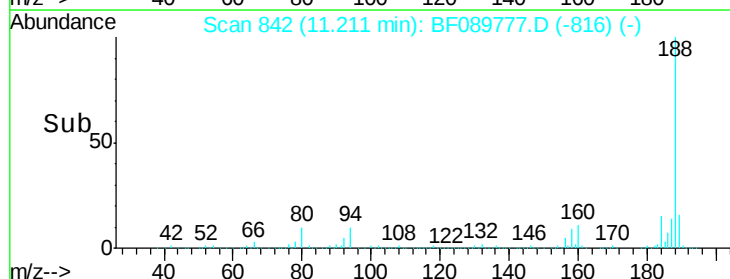
80 9.8 10.9 16.3#

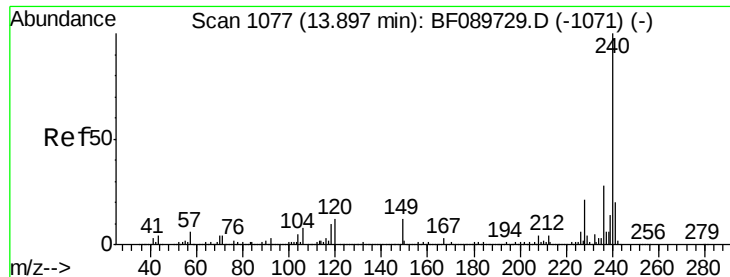


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.06 min

Lab File: BF089777.D

Acq: 17 Aug 2016 21:39

Instrument :

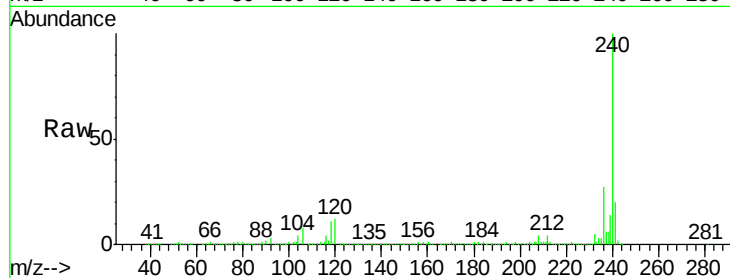
BNA_F

ClientSampleId :

670-UNDERCLIFF-2

Tot Ion:240 Resp: 1770066

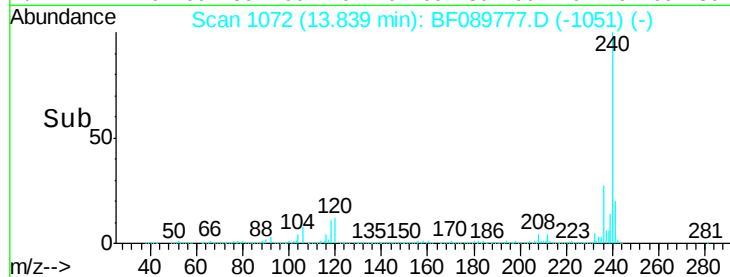
Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5
236	27.2	21.3	31.9



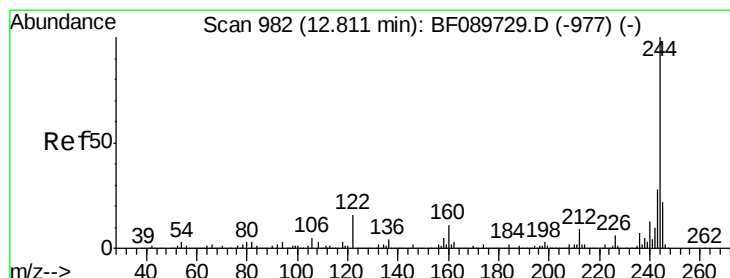
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 71.30 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF089777.D

Acq: 17 Aug 2016 21:39

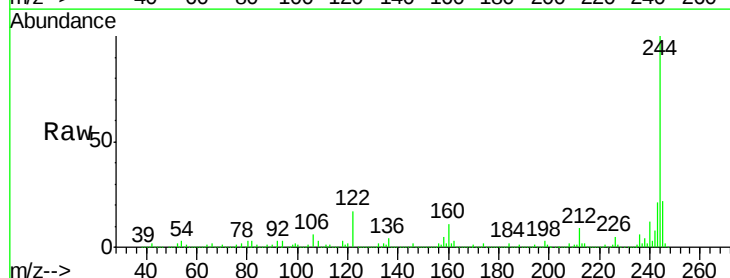
Tgt Ion:244 Resp: 4224481

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.3	9.5
122	17.5	12.0	18.0

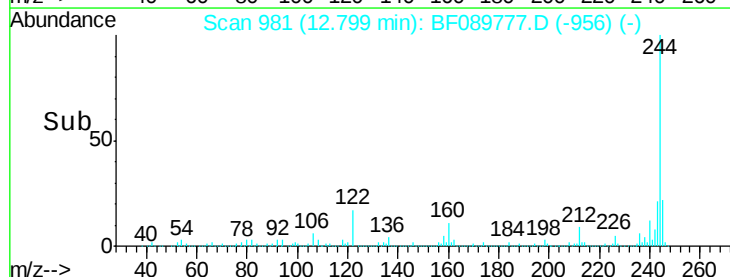
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

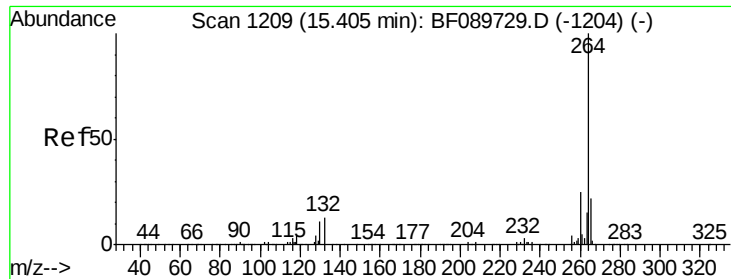
Ion 122.00 (121.70 to 122.70): E



Time-->



Time-->



#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.16 min
Lab File: BF089777.D
Acq: 17 Aug 2016 21:39

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-2

Tot Ion:264 Resp: 1510008

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	22.4	17.4	26.2

