

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089776.D
 Acq On : 17 Aug 2016 21:13
 Operator : UM/SJ
 Sample : H4490-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-1

Quant Time: Aug 18 09:17:04 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

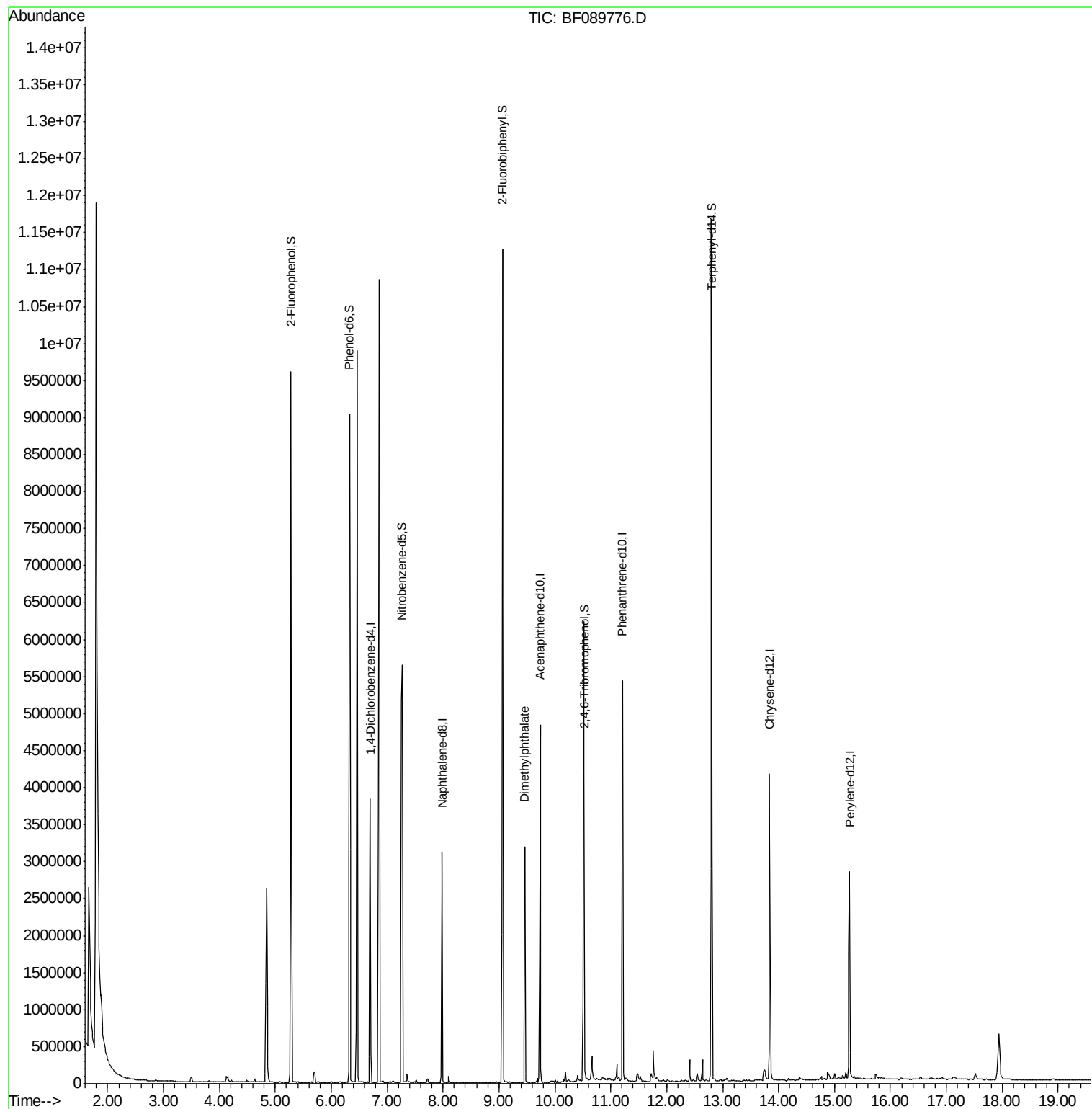
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	529362	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2047193	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	990674	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	1869106	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1510371	20.00	ng	-0.06
86) Perylene-d12	15.27	264	1318793	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	3301114	104.05	ng	0.00
7) Phenol-d6	6.33	99	4081616	101.14	ng	0.00
23) Nitrobenzene-d5	7.27	82	2804080	83.64	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1102378	115.02	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	4677932	75.77	ng	-0.01
78) Terphenyl-d14	12.80	244	3774568	74.66	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	1240218	17.30	ng	99

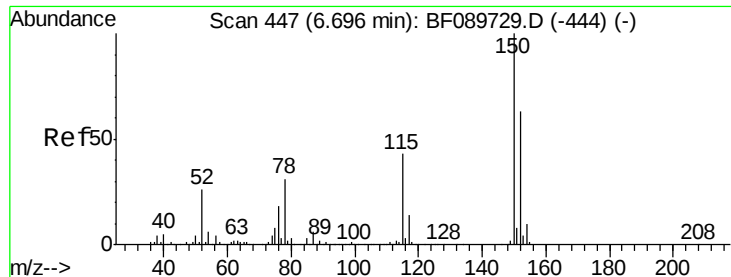
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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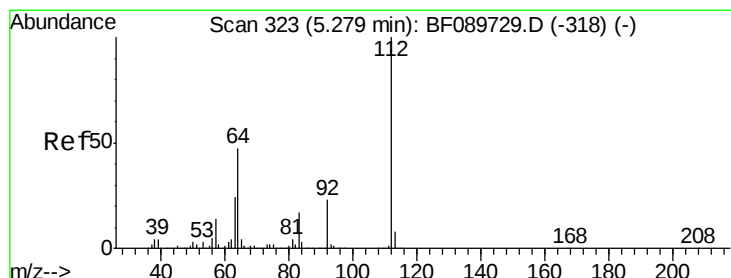
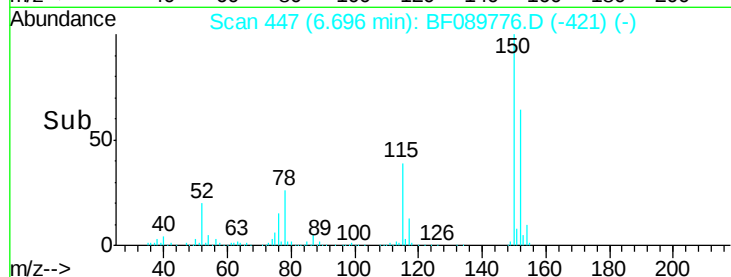
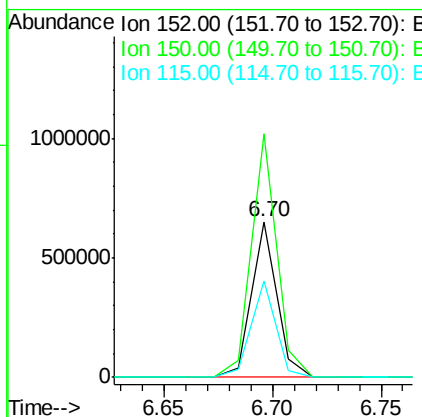
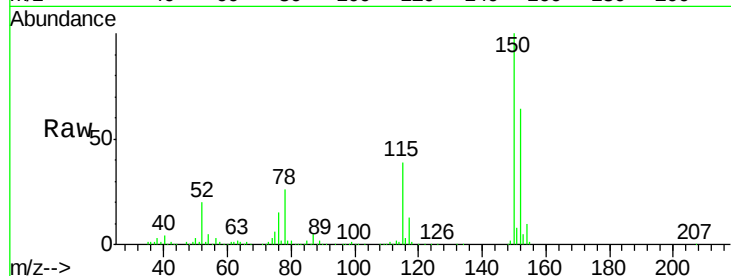


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089776.D
Acq: 17 Aug 2016 21:13

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-1

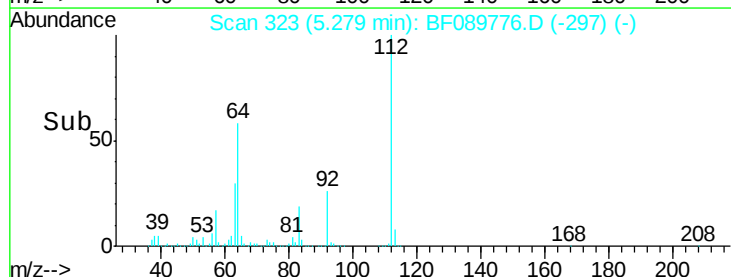
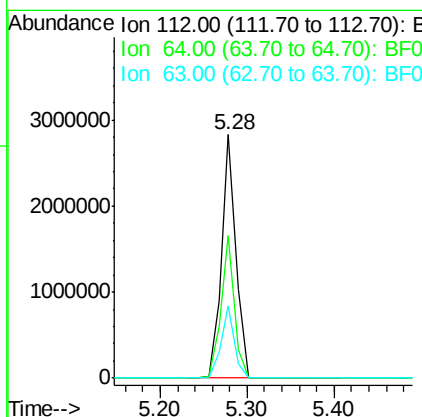
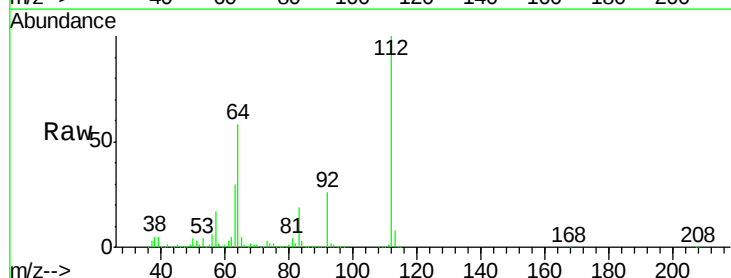
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.3	187.9
115	61.7	40.9	61.3#

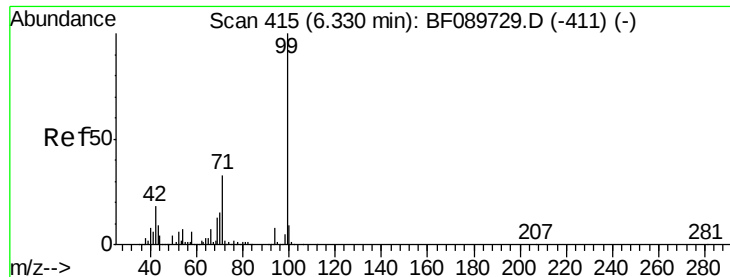


#5

2-Fluorophenol
Concen: 104.05 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089776.D
Acq: 17 Aug 2016 21:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.0	67.4
63	29.6	23.1	34.7





#7

Phenol-d6

Concen: 101.14 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

Instrument :

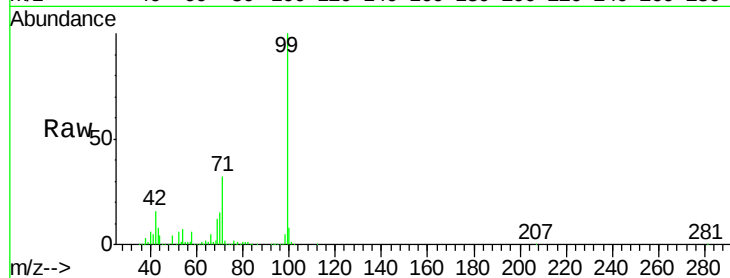
BNA_F

ClientSampleId :

670-UNDERCLIFF-1

Tot Ion: 99 Resp: 4081616

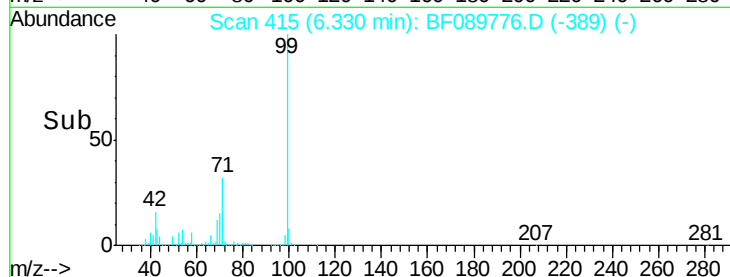
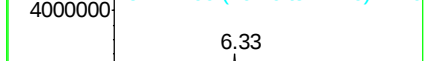
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.2	18.4
71	32.2	23.8	35.8



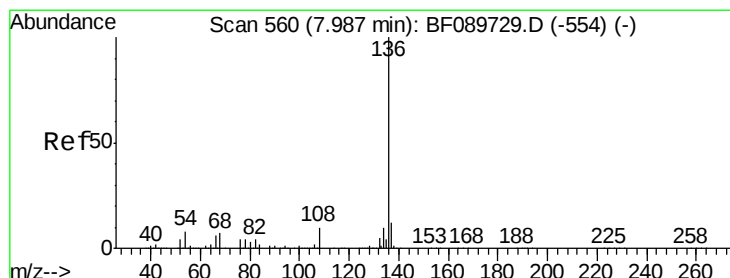
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

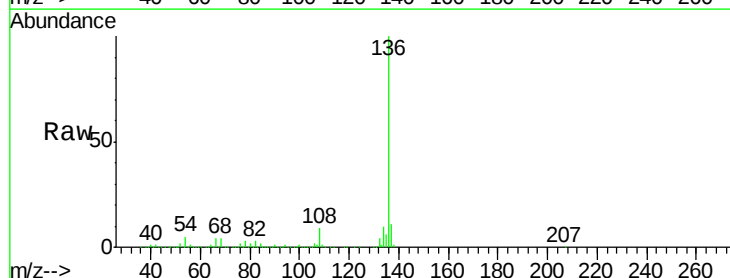
Delta R.T. 0.00 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

Tgt Ion: 136 Resp: 2047193

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	4.6	7.2	10.8#
68	4.4	5.8	8.8#

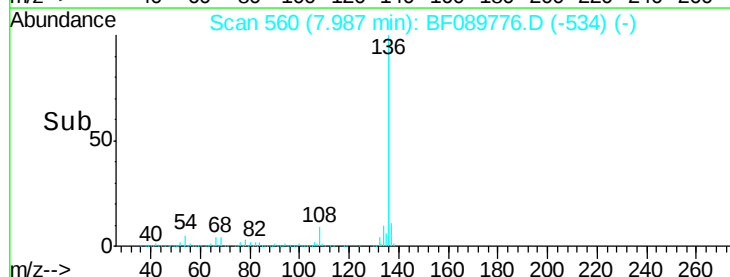
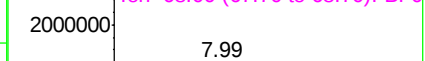


Abundance Ion 136.00 (135.70 to 136.70): E

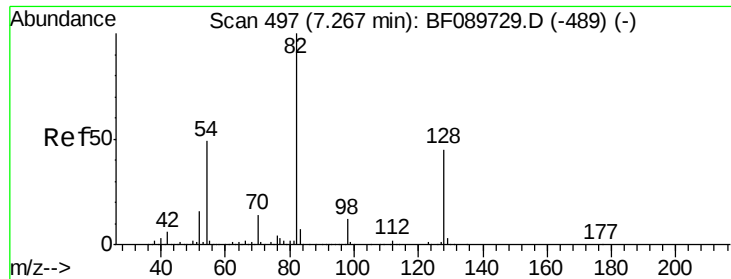
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



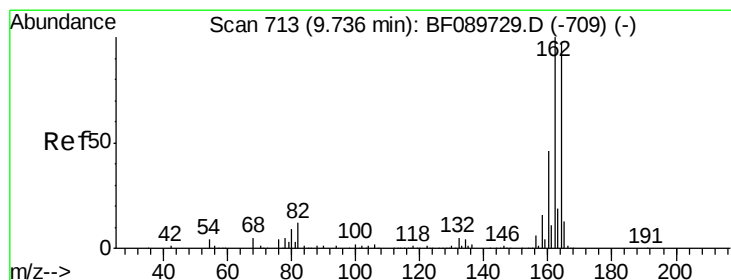
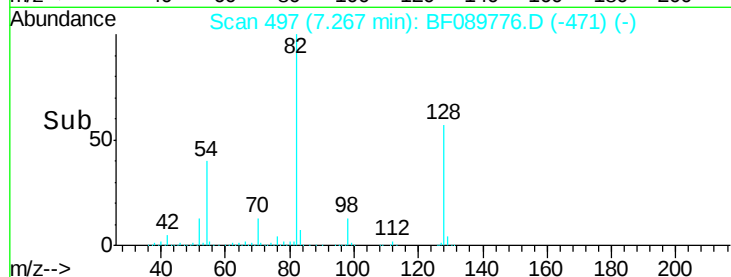
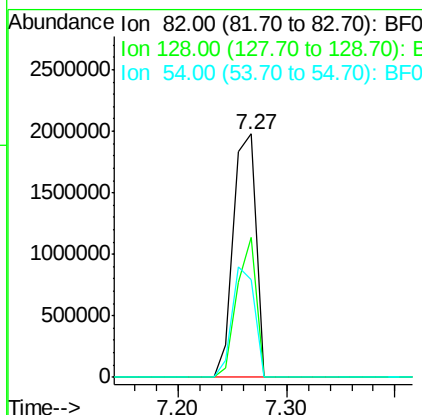
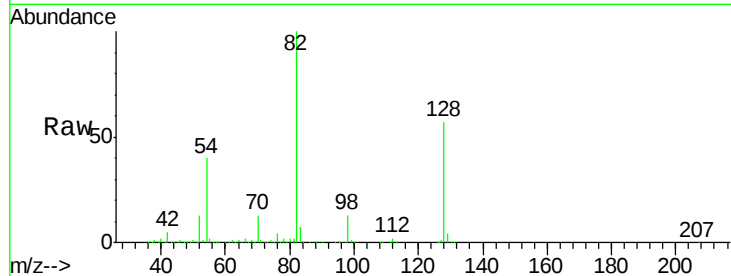
Time-->



#23
Nitrobenzene-d5
Concen: 83.64 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF089776.D
Acq: 17 Aug 2016 21:13

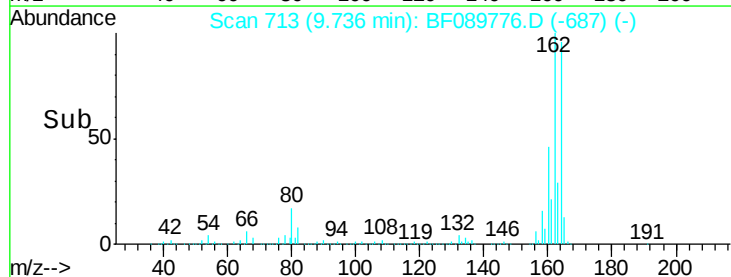
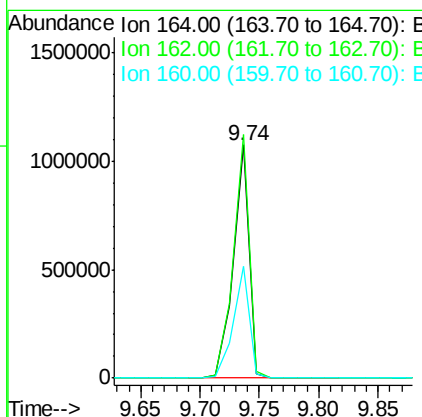
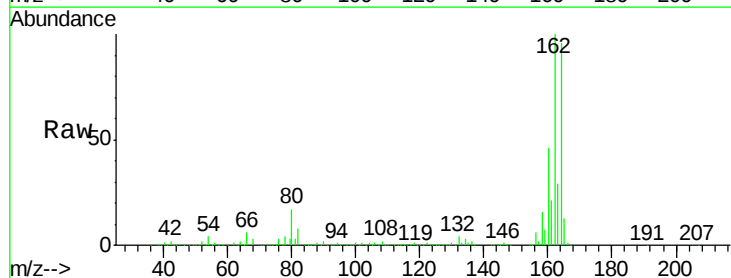
Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-1

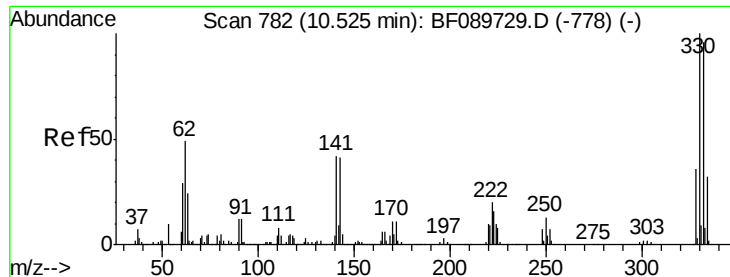
Tot Ion: 82 Resp: 2804080
Ion Ratio Lower Upper
82 100
128 57.4 34.4 51.6#
54 40.2 40.3 60.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089776.D
Acq: 17 Aug 2016 21:13

Tgt Ion:164 Resp: 990674
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.2
160 48.0 37.8 56.6

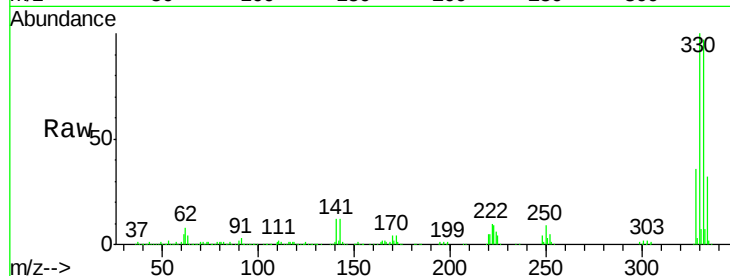




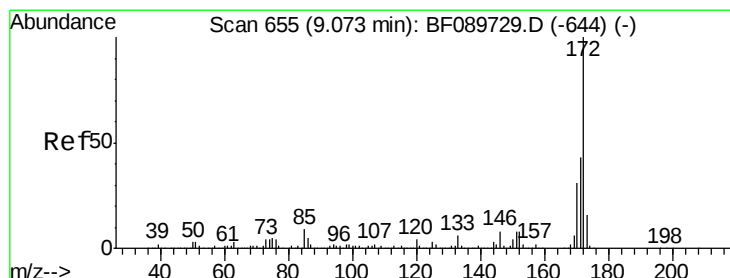
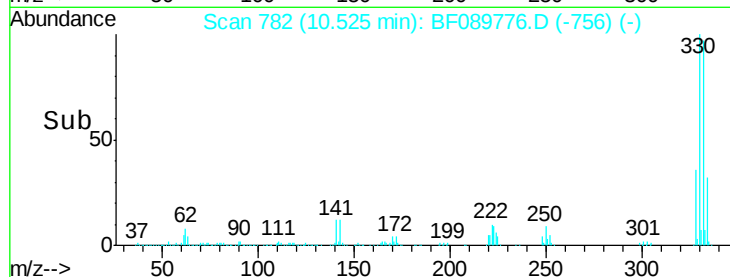
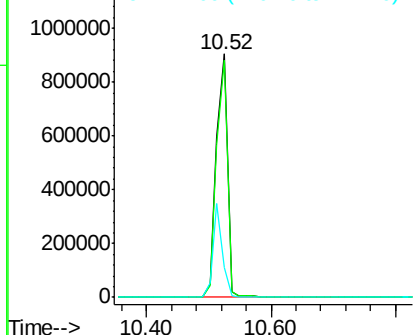
#41
 2,4,6-Tribromophenol
 Concen: 115.02 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089776.D
 Acq: 17 Aug 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-1

Tot Ion:330 Resp: 1102378
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.7 115.1
 141 33.2 30.2 45.2

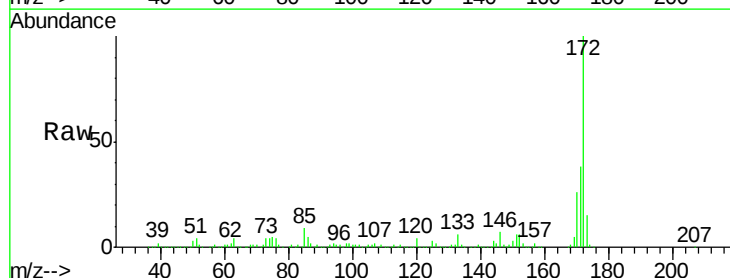


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

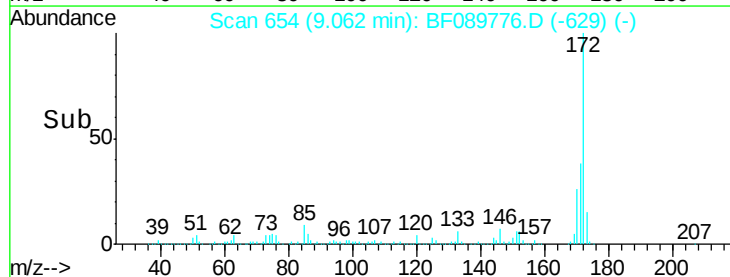
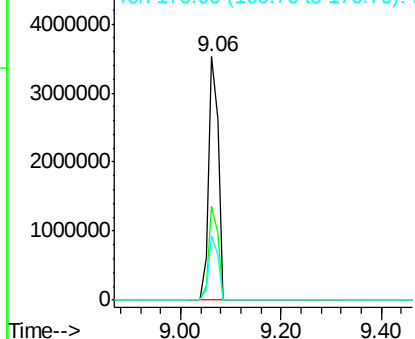


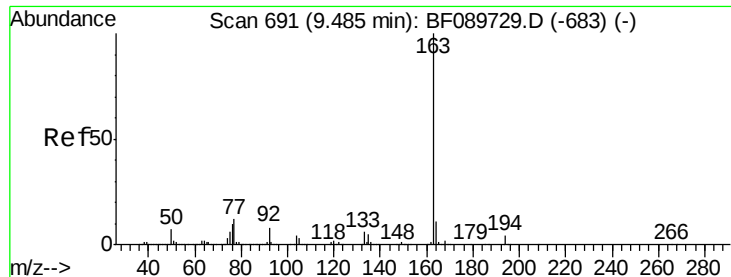
#44
 2-Fluorobiphenyl
 Concen: 75.77 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF089776.D
 Acq: 17 Aug 2016 21:13

Tgt Ion:172 Resp: 4677932
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.5 45.7
 170 26.3 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: 17.30 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-1

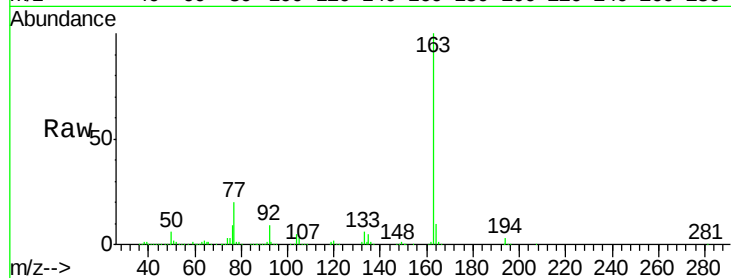
Tot Ion:163 Resp: 1240218

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

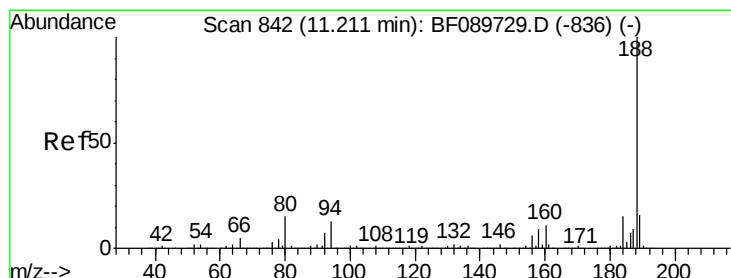
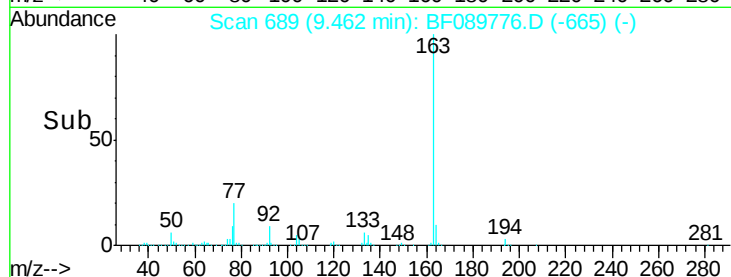
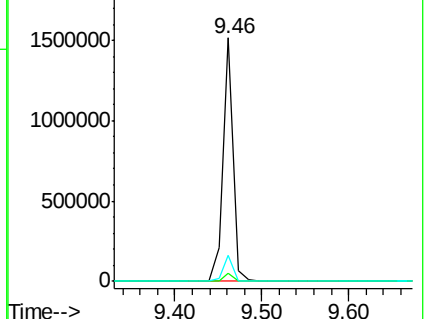
164 10.4 8.6 12.8



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: BF089776.D

Acq: 17 Aug 2016 21:13

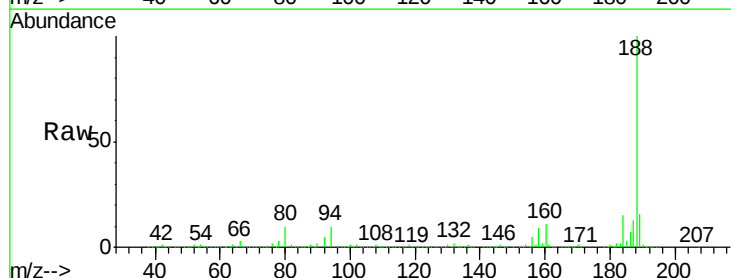
Tgt Ion:188 Resp: 1869106

Ion Ratio Lower Upper

188 100

94 9.7 10.2 15.2#

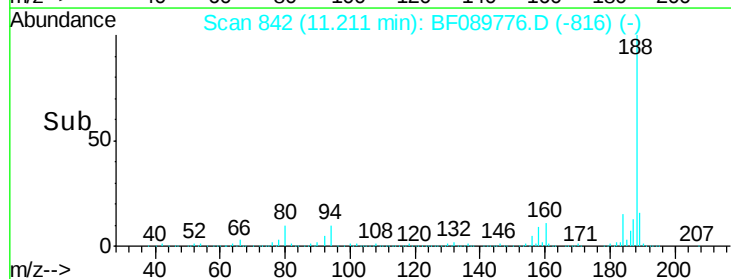
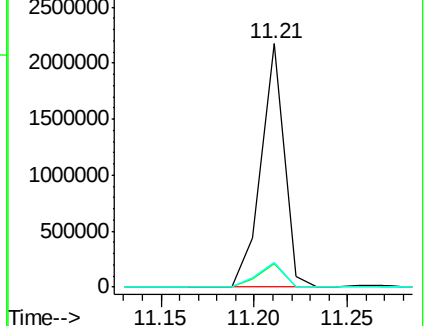
80 9.9 10.9 16.3#

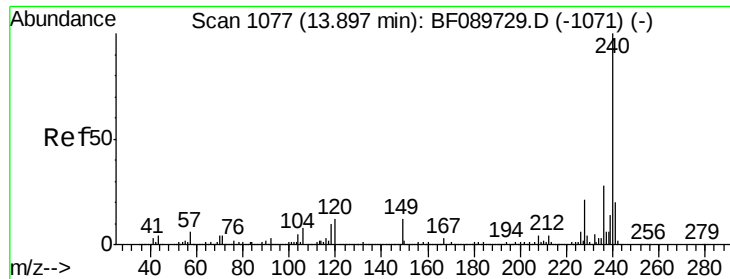


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089776.D

Acq: 17 Aug 2016 21:13

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-1

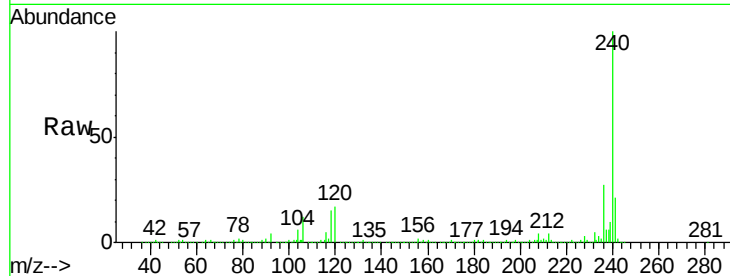
Tot Ion:240 Resp: 1510371

Ion Ratio Lower Upper

240 100

120 17.1 8.3 12.5#

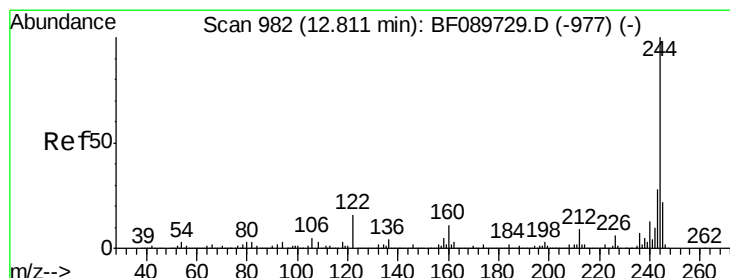
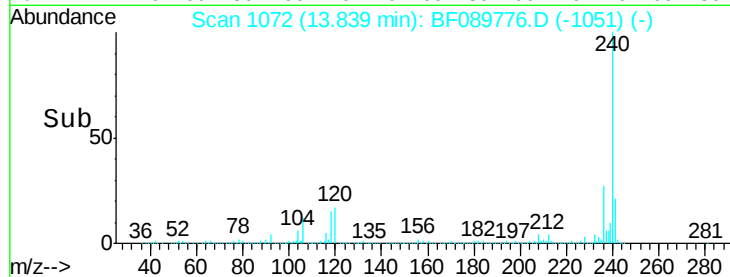
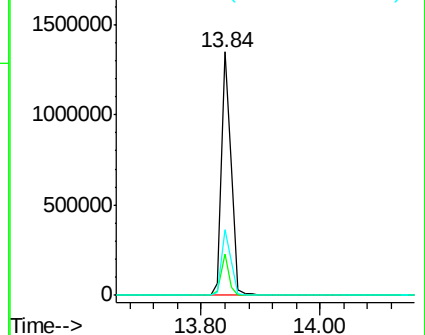
236 26.8 21.3 31.9



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: 74.66 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

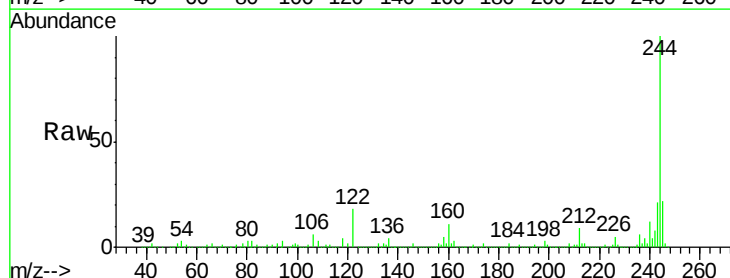
Tgt Ion:244 Resp: 3774568

Ion Ratio Lower Upper

244 100

212 8.8 6.3 9.5

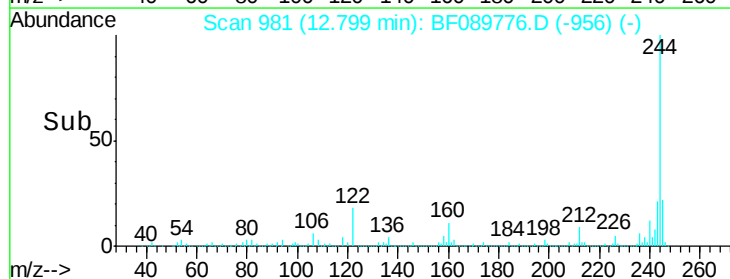
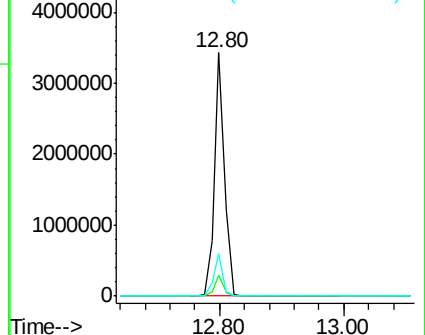
122 17.5 12.0 18.0

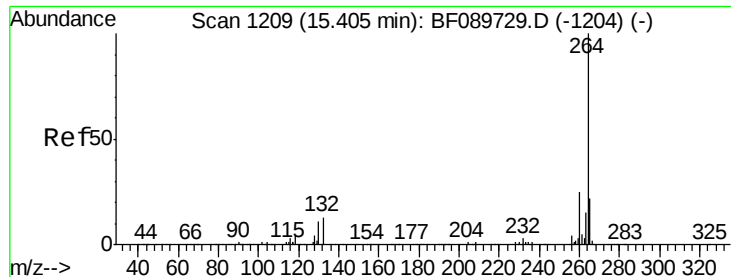


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



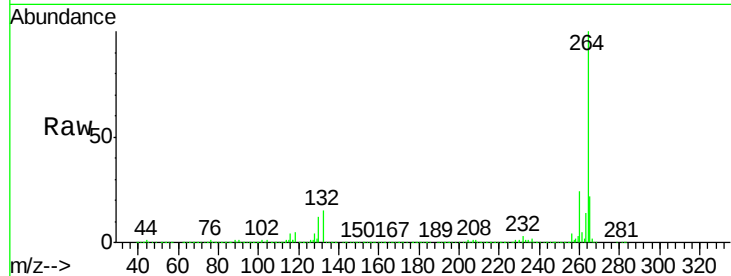


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.14 min
Lab File: BF089776.D
Acq: 17 Aug 2016 21:13

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-1

Tot Ion:264 Resp: 1318793

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.2
265	21.7	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

