

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089769.D
 Acq On : 17 Aug 2016 18:07
 Operator : UM/SJ
 Sample : H4476-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-45A

Quant Time: Aug 17 18:57:43 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	611171	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2346718	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1172918	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2208926	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1907513	20.00	ng	-0.06
86) Perylene-d12	15.28	264	1736868	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	2194533	59.91	ng	-0.01
7) Phenol-d6	6.33	99	1695971	36.40	ng	0.00
23) Nitrobenzene-d5	7.27	82	4044789	105.25	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1516890	133.68	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6643788	90.89	ng	0.00
78) Terphenyl-d14	12.81	244	5859776	91.77	ng	0.00

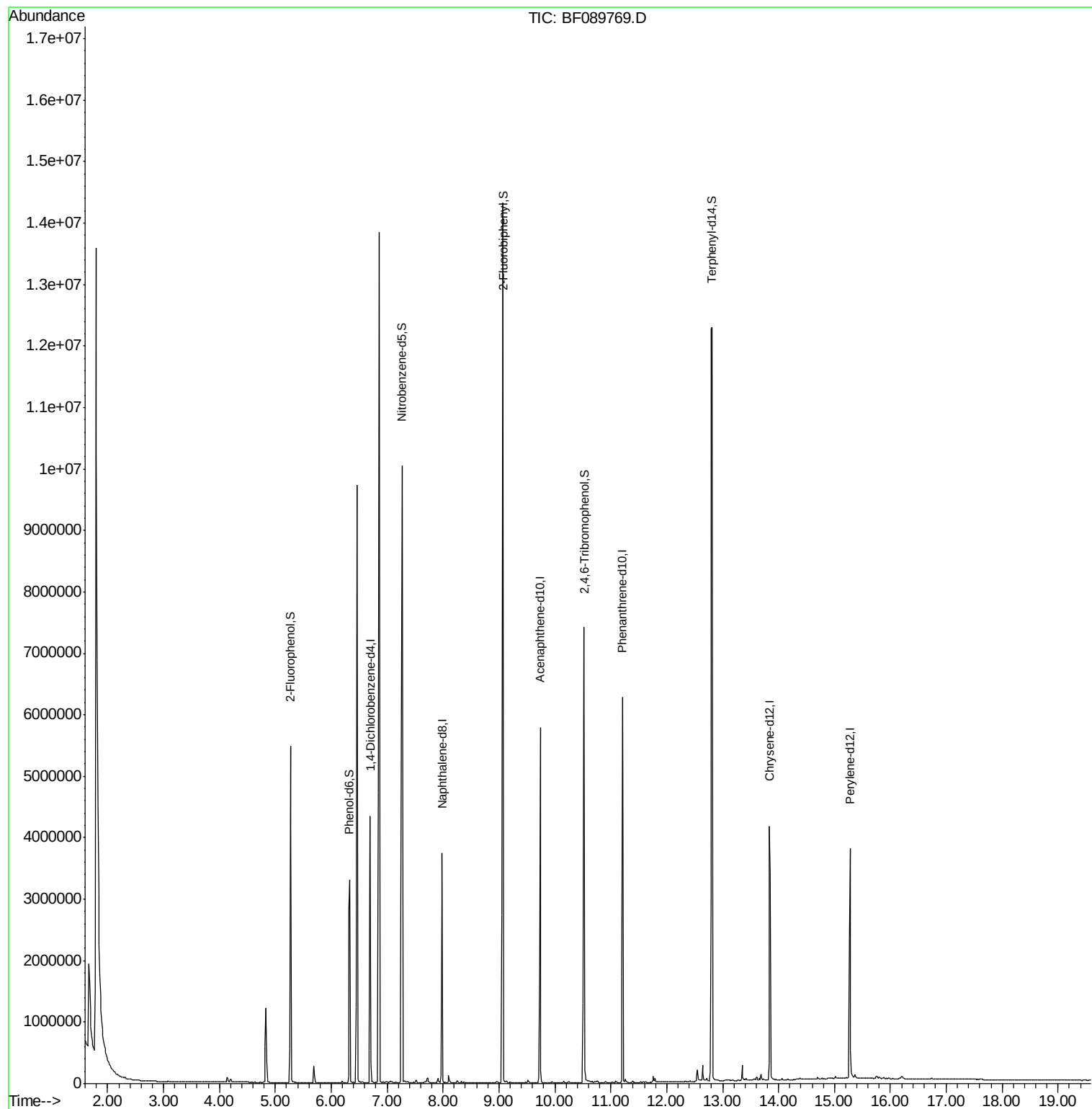
Target Compounds Qvalue

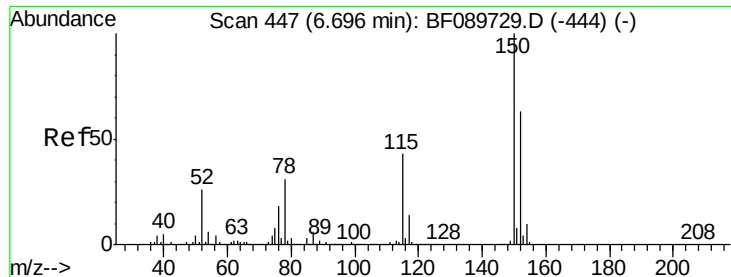
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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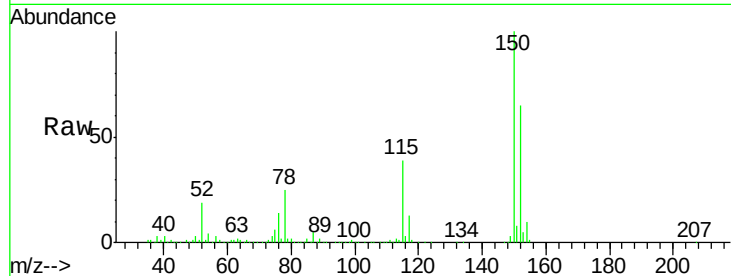


#1

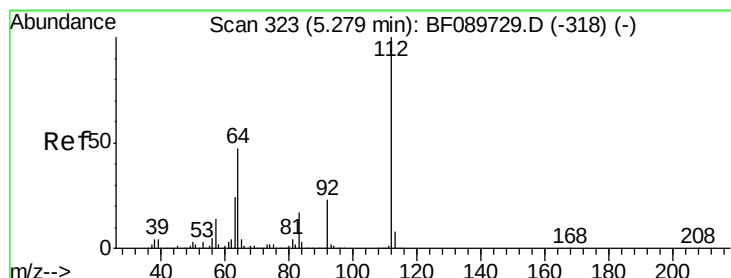
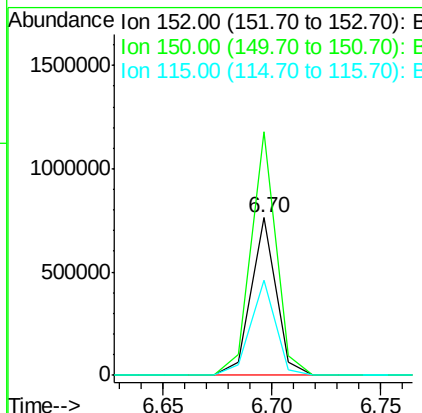
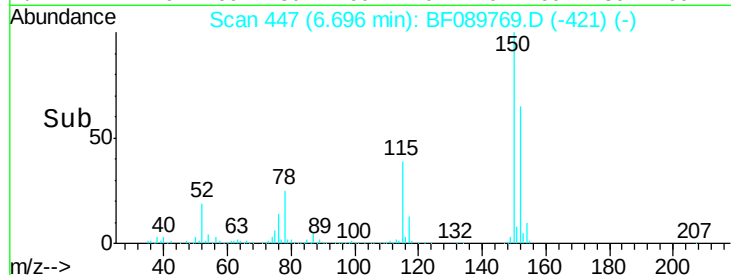
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089769.D
Acq: 17 Aug 2016 18:07

Instrument :
BNA_F
ClientSampleId :
LOCATION-45A

Tot Ion:152 Resp: 611171
Ion Ratio Lower Upper
152 100
150 154.8 125.3 187.9
115 60.5 40.9 61.3



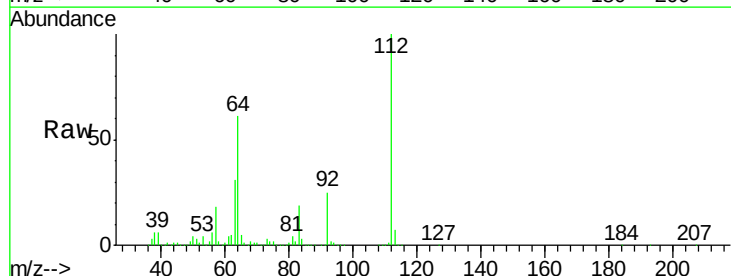
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



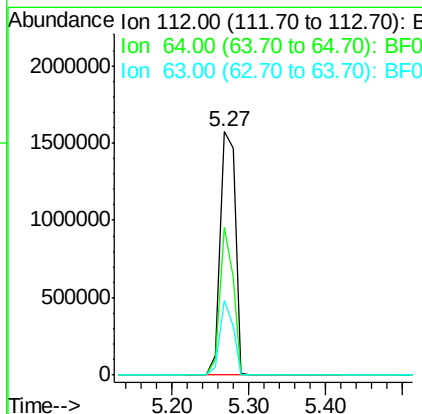
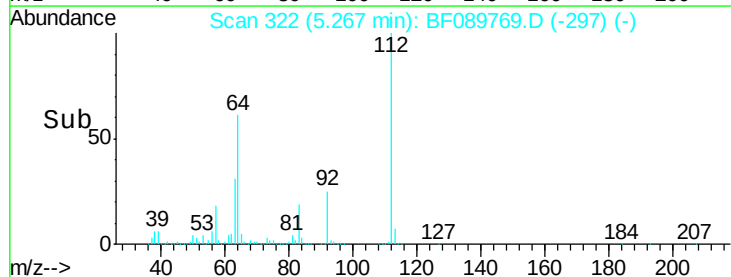
#5

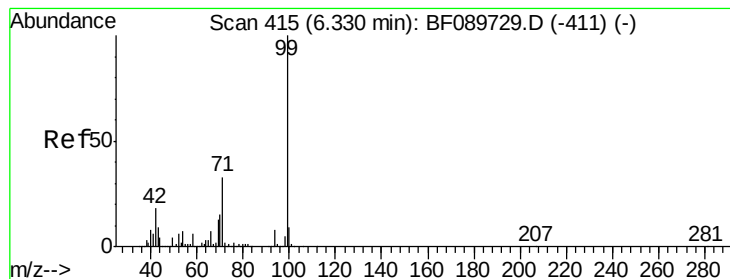
2-Fluorophenol
Concen: 59.91 ng
RT: 5.27 min Scan# 322
Delta R.T. -0.01 min
Lab File: BF089769.D
Acq: 17 Aug 2016 18:07

Tgt Ion:112 Resp: 2194533
Ion Ratio Lower Upper
112 100
64 60.8 45.0 67.4
63 30.8 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: 36.40 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089769.D

Acq: 17 Aug 2016 18:07

Instrument :

BNA_F

ClientSampleId :

LOCATION-45A

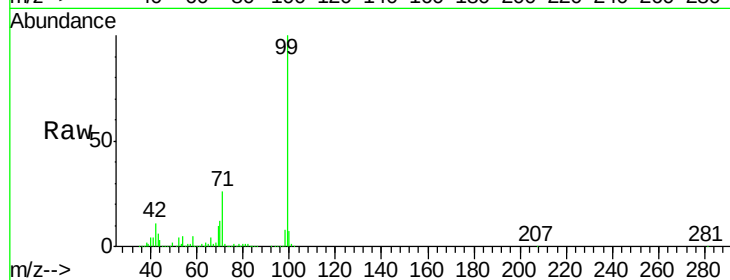
Tot Ion: 99 Resp: 1695971

Ion Ratio Lower Upper

99 100

42 11.4 12.2 18.4#

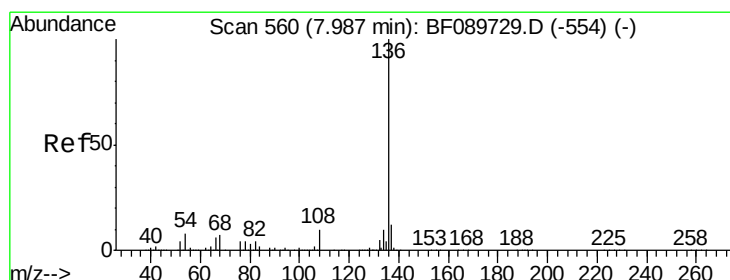
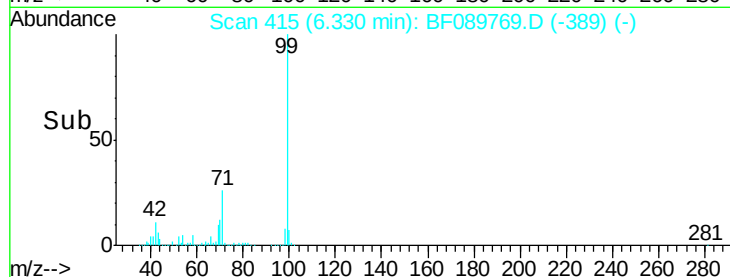
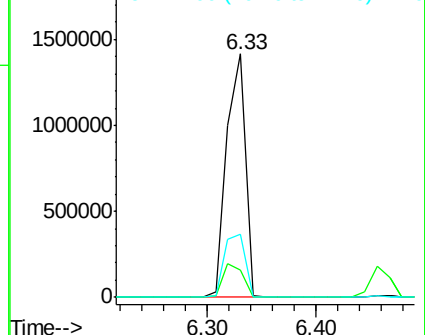
71 25.9 23.8 35.8



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: BF089769.D

Acq: 17 Aug 2016 18:07

Tgt Ion: 136 Resp: 2346718

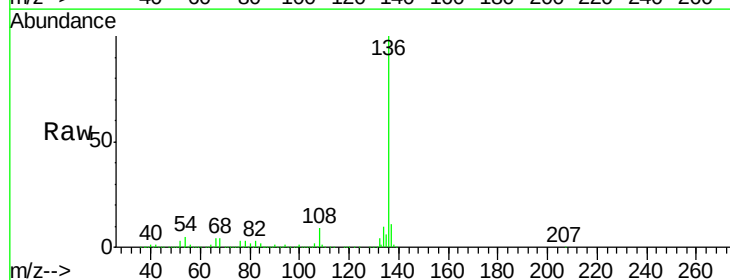
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 4.9 7.2 10.8#

68 4.4 5.8 8.8#

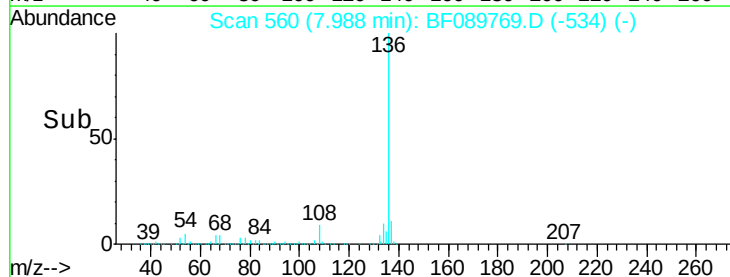
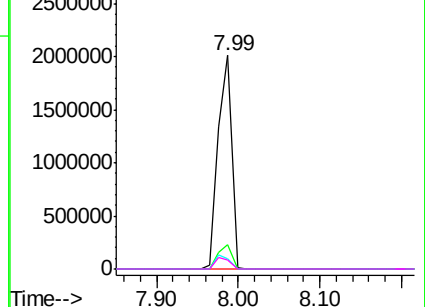


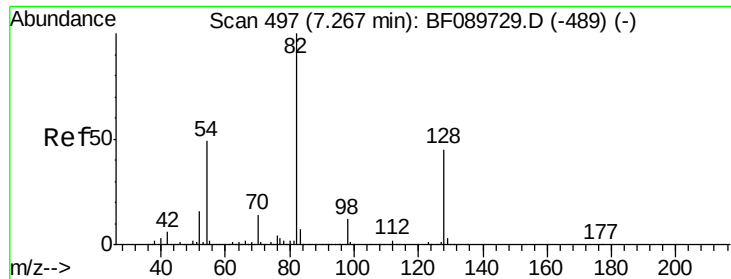
Abundance Ion 136.00 (135.70 to 136.70): E

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

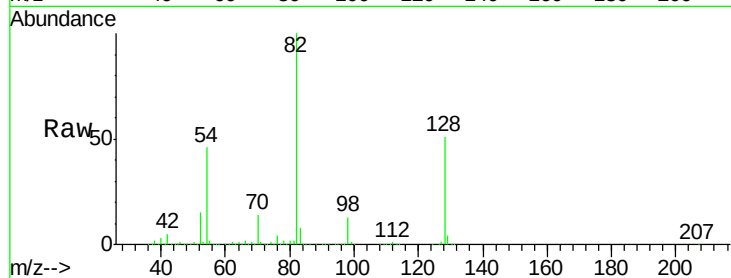




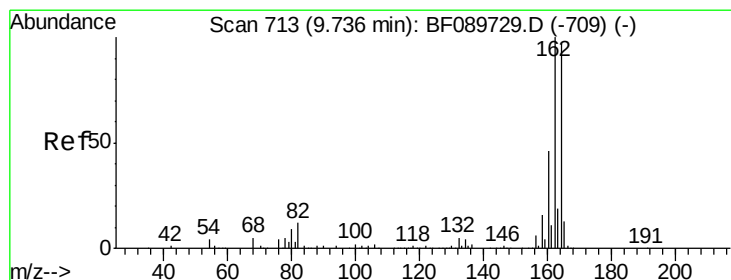
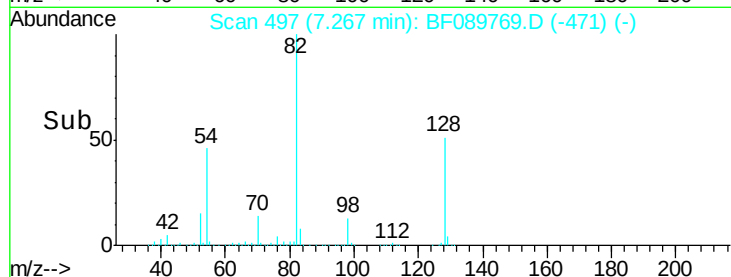
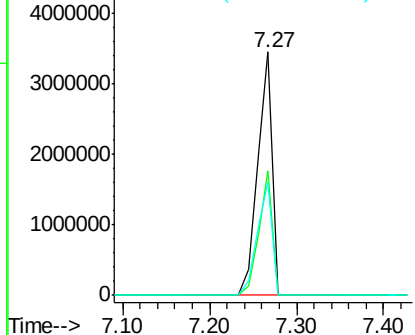
#23
 Nitrobenzene-d5
 Concen: 105.25 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-45A

Tot Ion: 82 Resp: 4044789
 Ion Ratio Lower Upper
 82 100
 128 51.0 34.4 51.6
 54 46.3 40.3 60.5

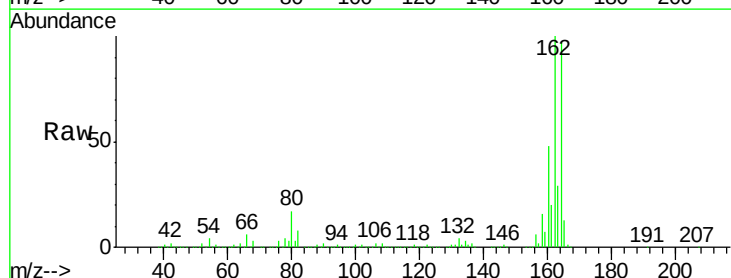


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

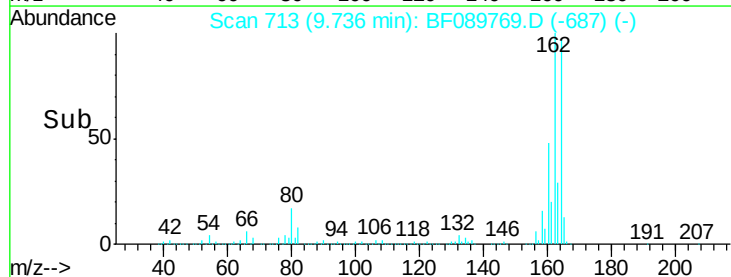
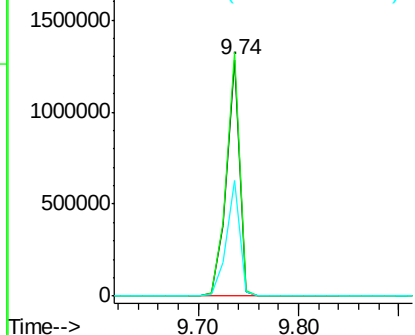


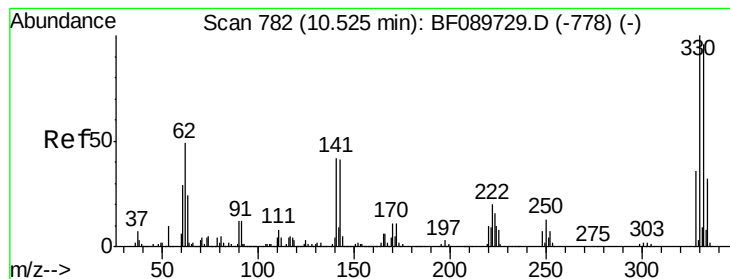
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

Tgt Ion:164 Resp: 1172918
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.4 122.2
 160 49.1 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

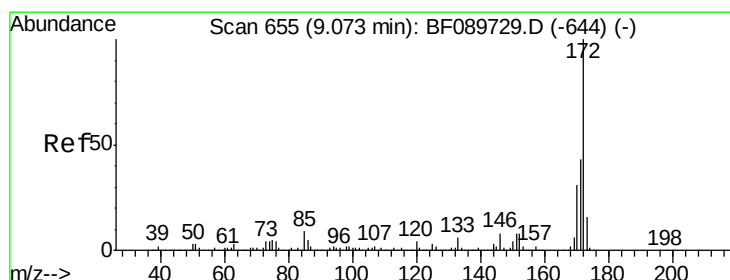
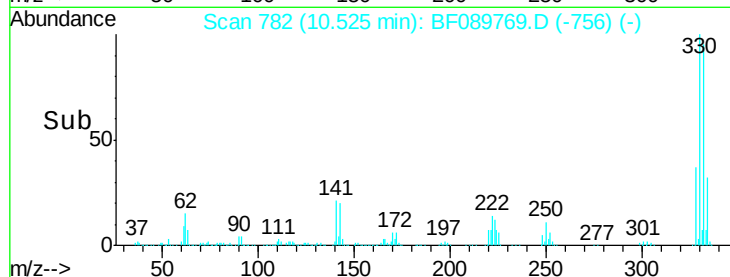
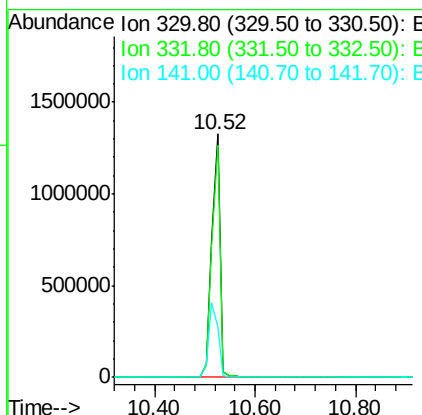
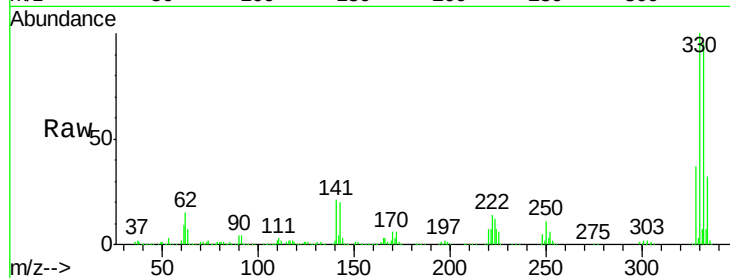




#41
 2,4,6-Tribromophenol
 Concen: 133.68 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

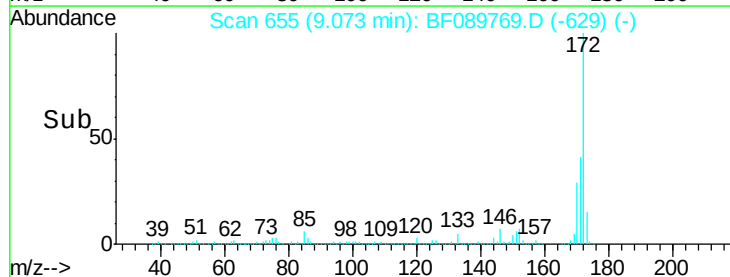
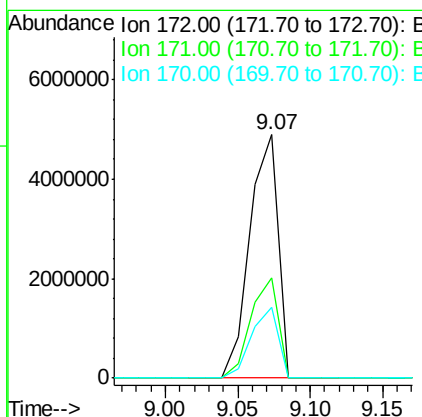
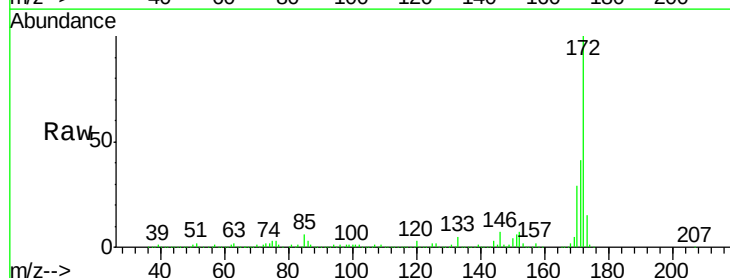
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-45A

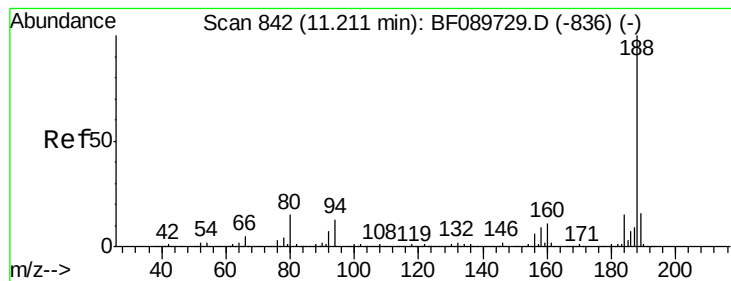
Tot Ion:330 Resp: 1516890
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 35.1 30.2 45.2



#44
 2-Fluorobiphenyl
 Concen: 90.89 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

Tgt Ion:172 Resp: 6643788
 Ion Ratio Lower Upper
 172 100
 171 41.0 30.5 45.7
 170 28.8 20.6 31.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089769.D

Acq: 17 Aug 2016 18:07

Instrument :

BNA_F

ClientSampleId :

LOCATION-45A

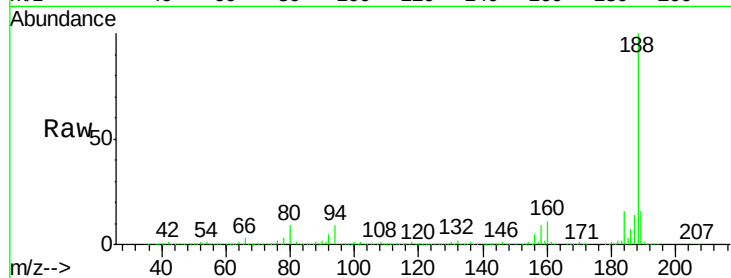
Tot Ion:188 Resp: 2208926

Ion Ratio Lower Upper

188 100

94 9.4 10.2 15.2#

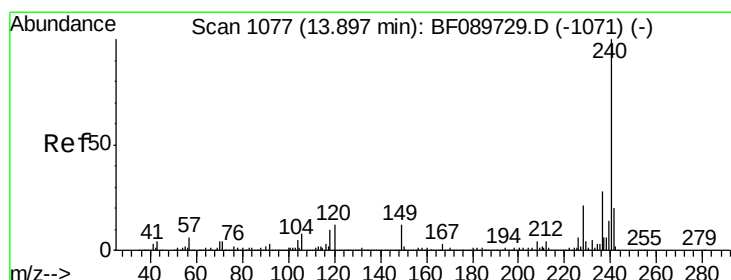
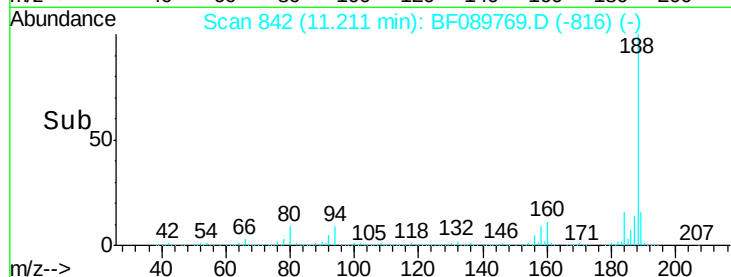
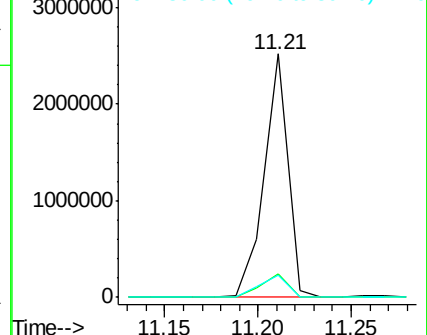
80 9.3 10.9 16.3#



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: BF089769.D

Acq: 17 Aug 2016 18:07

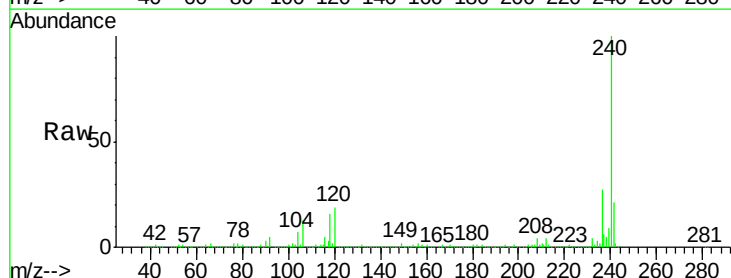
Tgt Ion:240 Resp: 1907513

Ion Ratio Lower Upper

240 100

120 18.7 8.3 12.5#

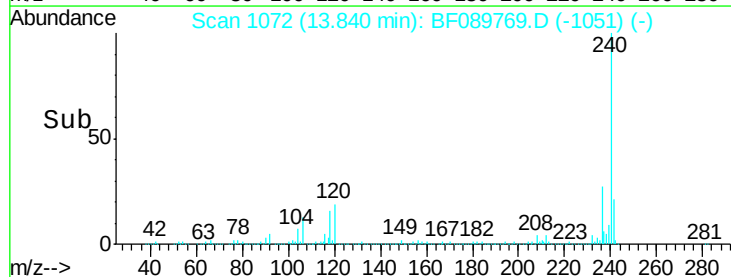
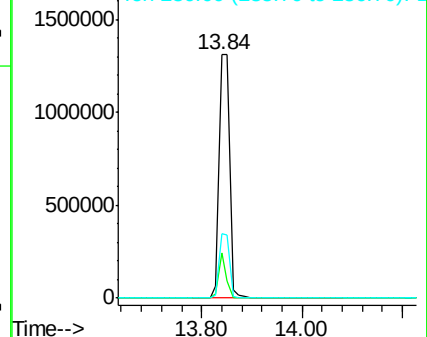
236 26.5 21.3 31.9

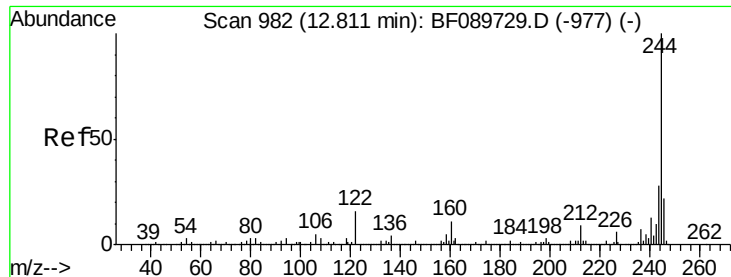


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.77 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089769.D

Acq: 17 Aug 2016 18:07

Instrument :

BNA_F

ClientSampleId :

LOCATION-45A

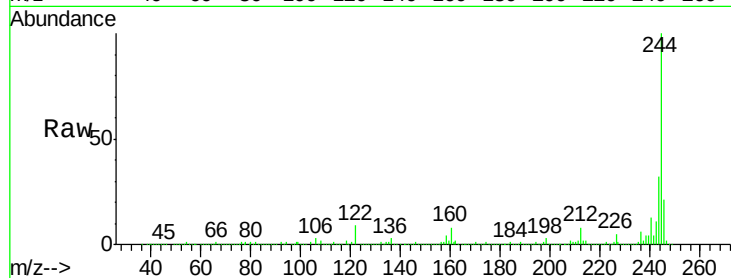
Tot Ion:244 Resp: 5859776

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

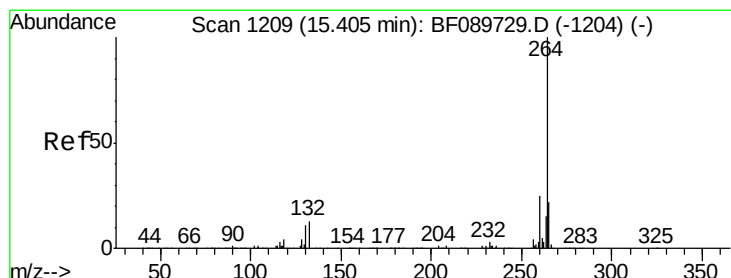
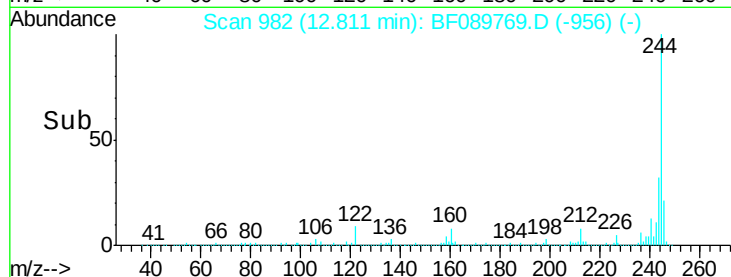
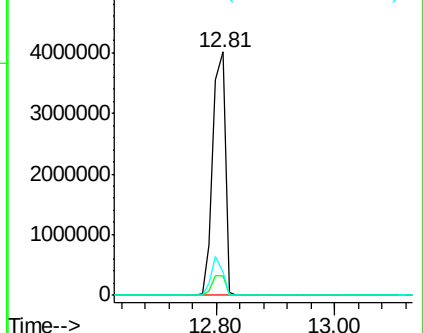
122 9.5 12.0 18.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 1198

Delta R.T. -0.13 min

Lab File: BF089769.D

Acq: 17 Aug 2016 18:07

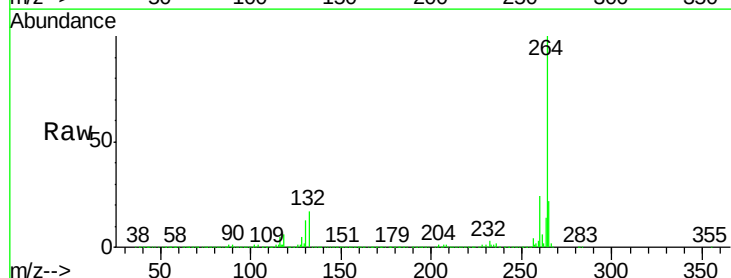
Tgt Ion:264 Resp: 1736868

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

265 22.0 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

