

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089765.D
 Acq On : 17 Aug 2016 16:16
 Operator : UM/SJ
 Sample : H4476-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-3A

Quant Time: Aug 17 17:00:55 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

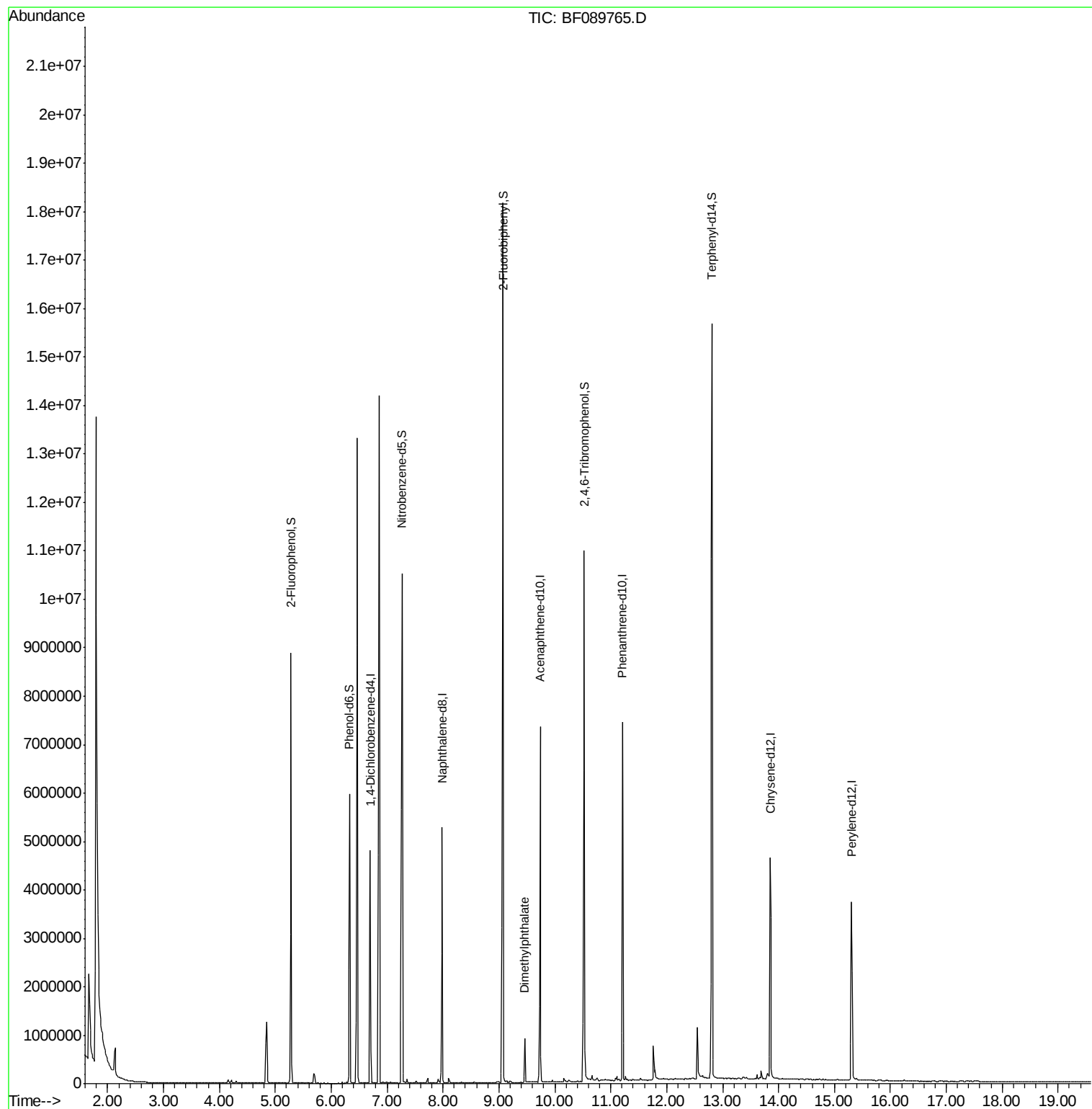
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	687824	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2832607	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1406114	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2407111	20.00	ng	0.00
75) Chrysene-d12	13.85	240	2075450	20.00	ng	-0.05
86) Perylene-d12	15.30	264	1766054	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2546846	61.78	ng	0.00
7) Phenol-d6	6.33	99	2261628	43.13	ng	0.00
23) Nitrobenzene-d5	7.27	82	4200089	90.54	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1629893	119.82	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	7008329	79.98	ng	0.00
78) Terphenyl-d14	12.81	244	5794734	83.41	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	348918	3.43	ng	Qvalue 99

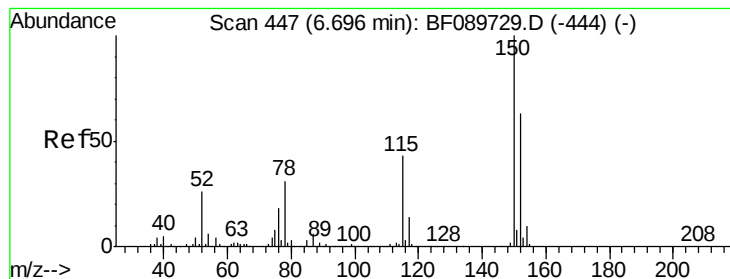
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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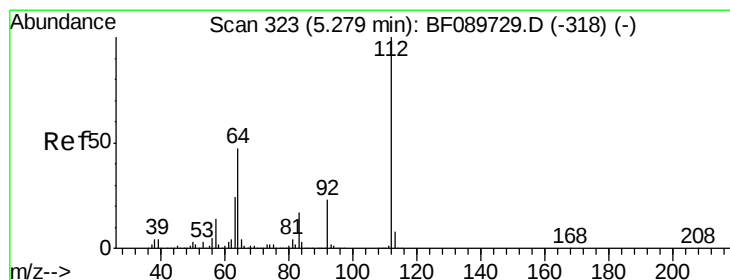
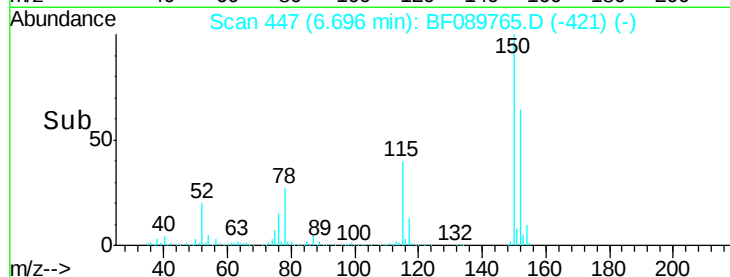
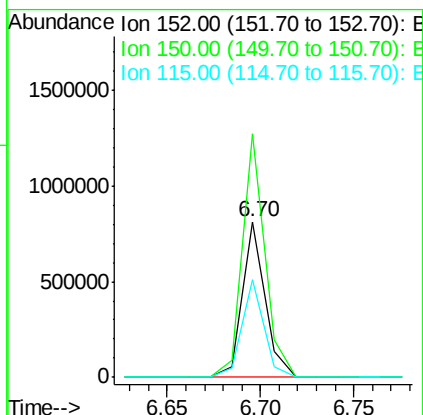
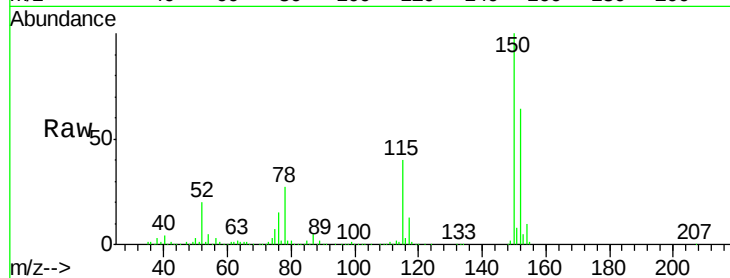


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089765.D
Acq: 17 Aug 2016 16:16

Instrument :
BNA_F
ClientSampleId :
LOCATION-3A

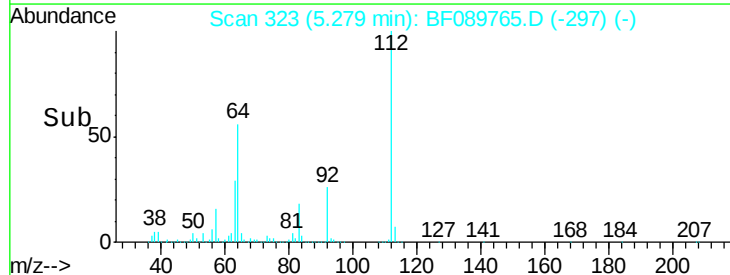
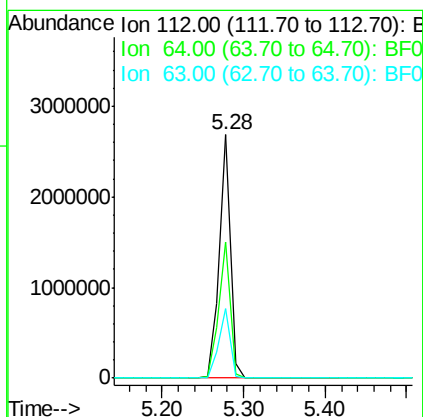
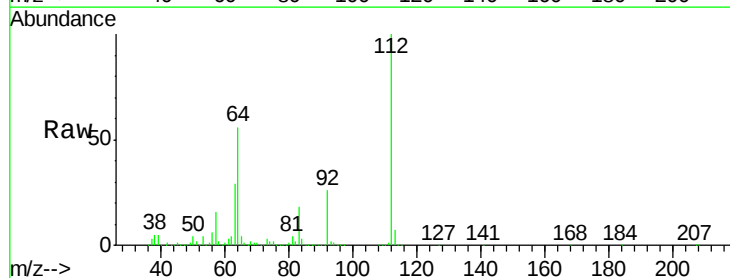
Tot Ion:152 Resp: 687824
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 63.1 40.9 61.3#

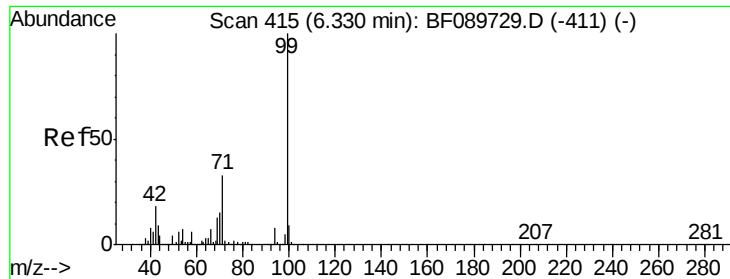


#5

2-Fluorophenol
Concen: 61.78 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089765.D
Acq: 17 Aug 2016 16:16

Tgt Ion:112 Resp: 2546846
Ion Ratio Lower Upper
112 100
64 55.6 45.0 67.4
63 28.8 23.1 34.7





#7

Phenol-d6

Concen: 43.13 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089765.D

Acq: 17 Aug 2016 16:16

Instrument :

BNA_F

ClientSampleId :

LOCATION-3A

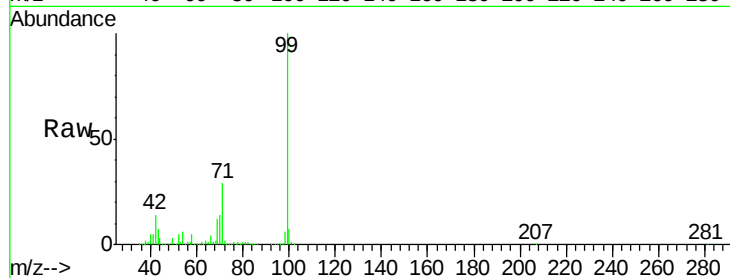
Tot Ion: 99 Resp: 2261628

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.4

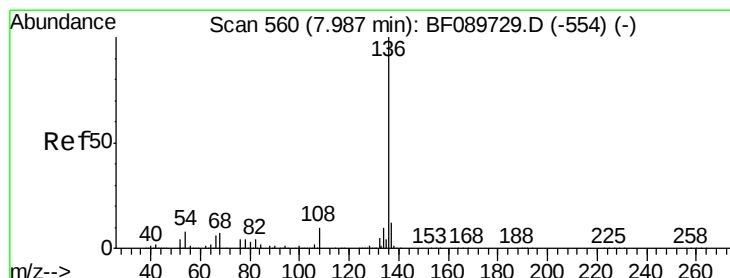
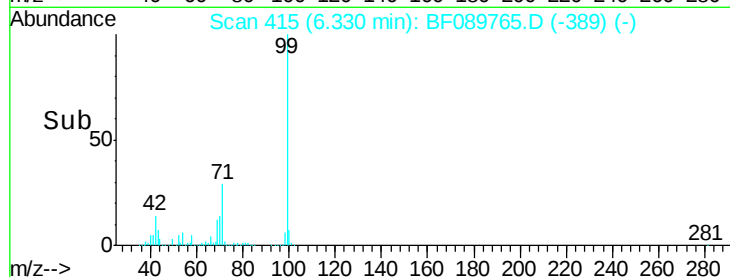
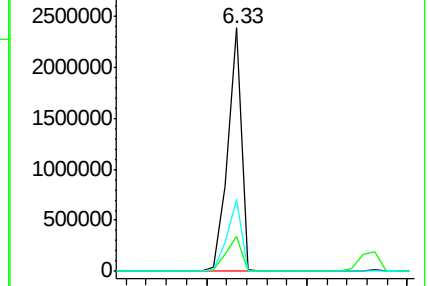
71 29.4 23.8 35.8



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: BF089765.D

Acq: 17 Aug 2016 16:16

Tgt Ion: 136 Resp: 2832607

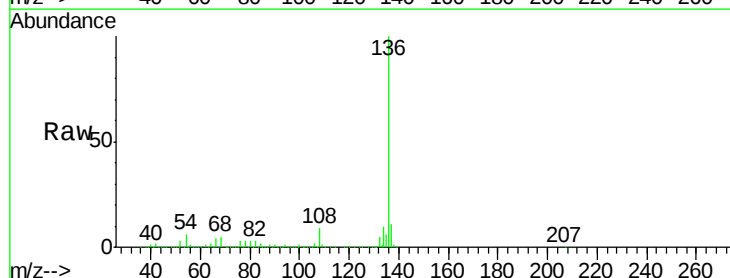
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 5.8 7.2 10.8#

68 5.3 5.8 8.8#

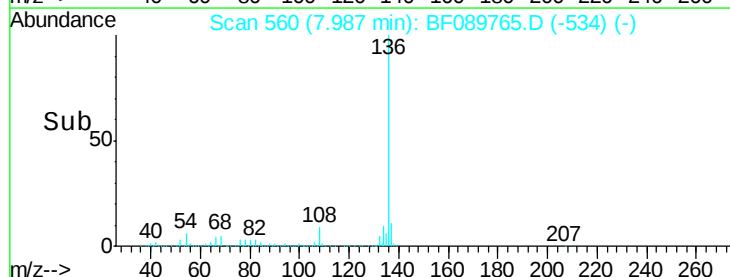
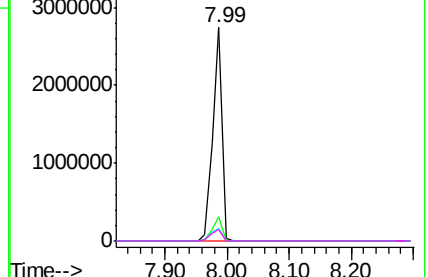


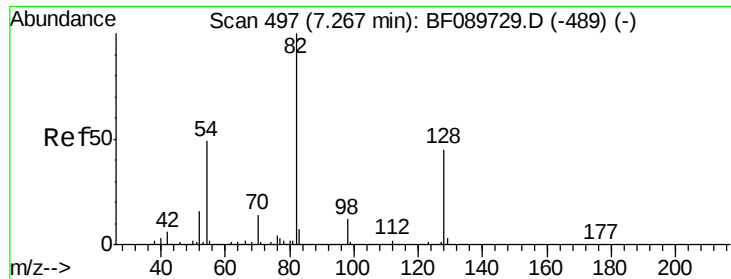
Abundance Ion 136.00 (135.70 to 136.70): E

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

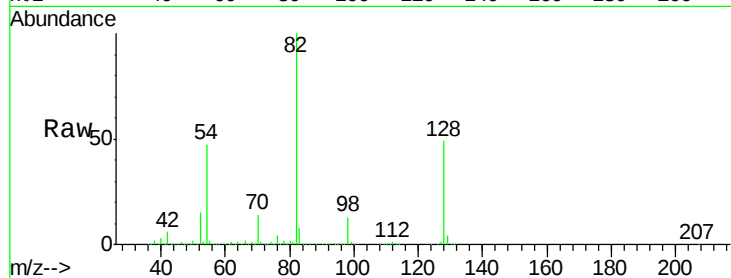




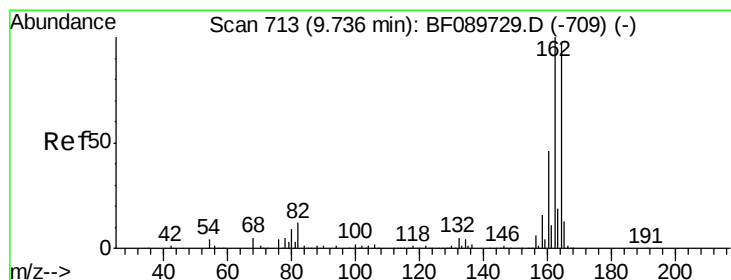
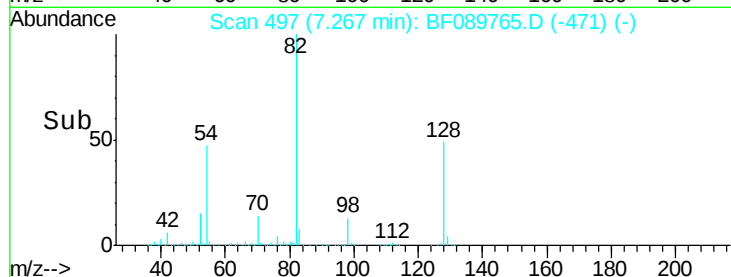
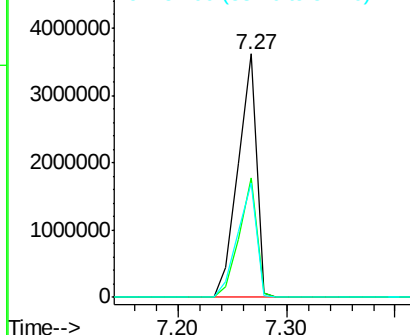
#23
Nitrobenzene-d5
Concen: 90.54 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF089765.D
Acq: 17 Aug 2016 16:16

Instrument :
BNA_F
ClientSampleId :
LOCATION-3A

Tot Ion: 82 Resp: 4200089
Ion Ratio Lower Upper
82 100
128 49.3 34.4 51.6
54 47.2 40.3 60.5

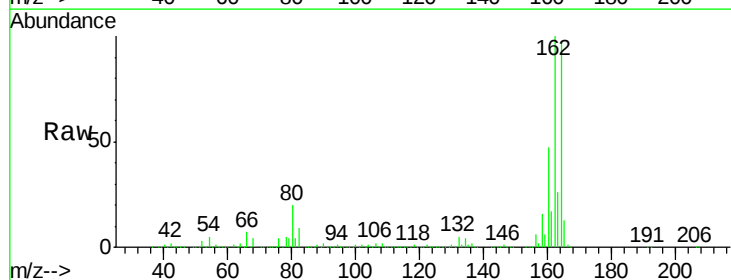


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

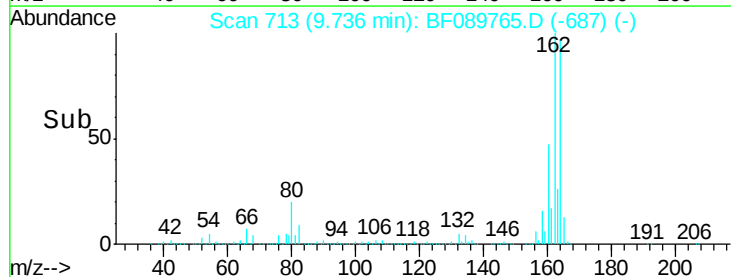
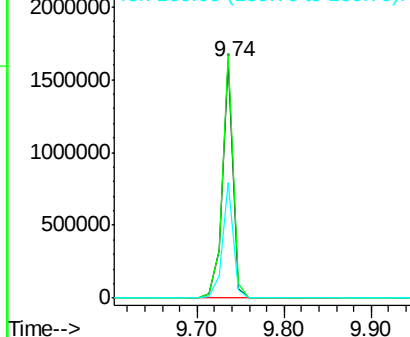


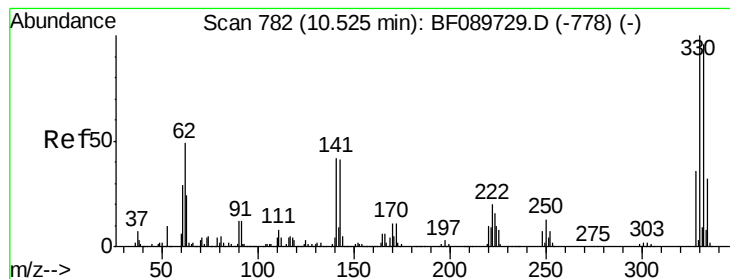
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089765.D
Acq: 17 Aug 2016 16:16

Tgt Ion:164 Resp: 1406114
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.2
160 48.8 37.8 56.6



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

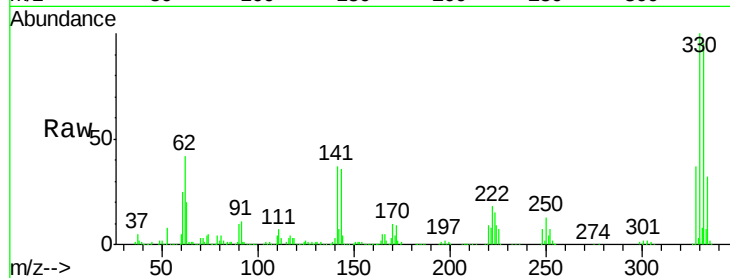




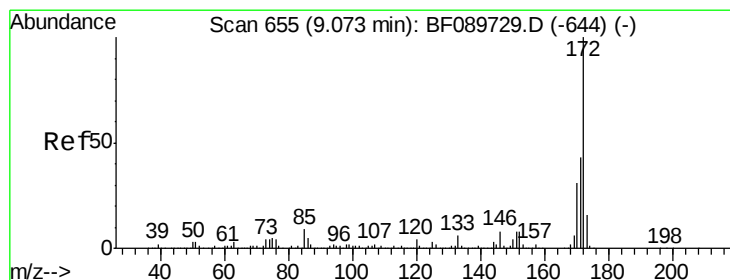
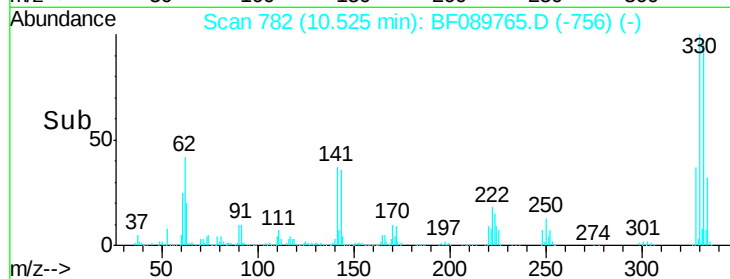
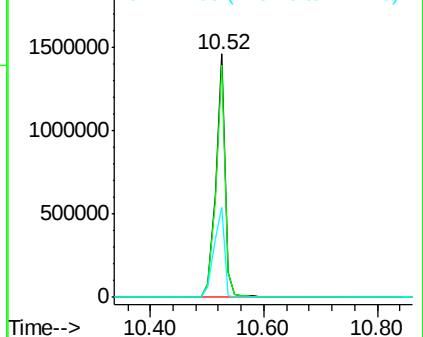
#41
 2,4,6-Tribromophenol
 Concen: 119.82 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-3A

Tot Ion:330 Resp: 1629893
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.7 115.1
 141 42.0 30.2 45.2

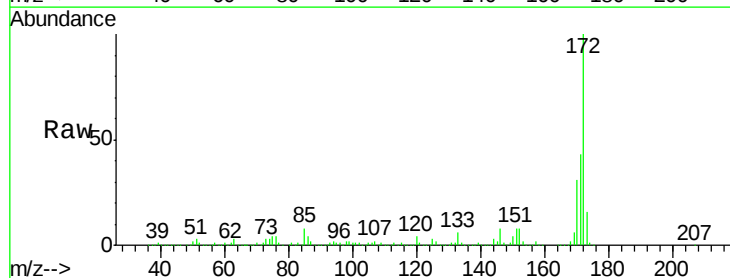


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

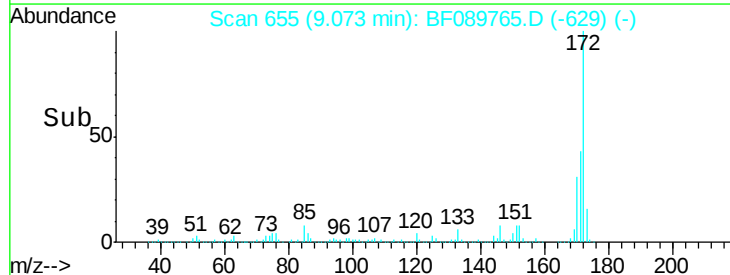
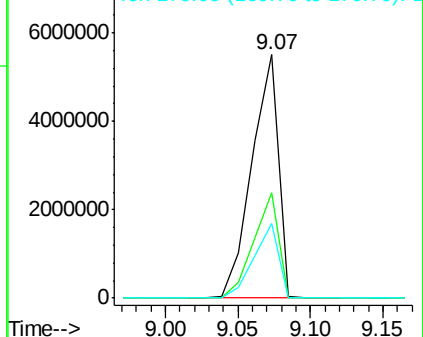


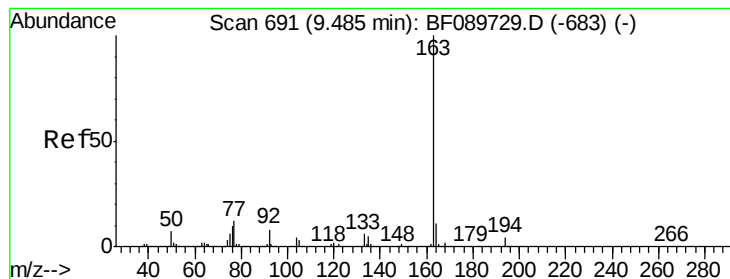
#44
 2-Fluorobiphenyl
 Concen: 79.98 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

Tgt Ion:172 Resp: 7008329
 Ion Ratio Lower Upper
 172 100
 171 43.1 30.5 45.7
 170 30.8 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: 3.43 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF089765.D

Acq: 17 Aug 2016 16:16

Instrument :

BNA_F

ClientSampleId :

LOCATION-3A

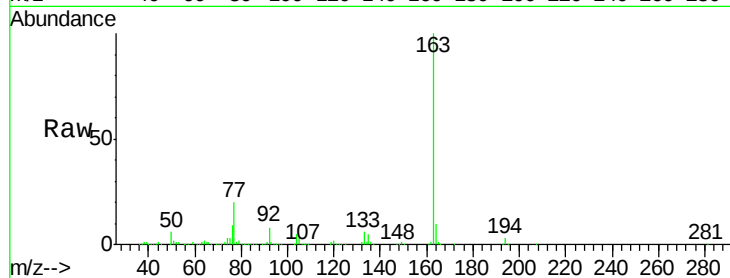
Tot Ion:163 Resp: 348918

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

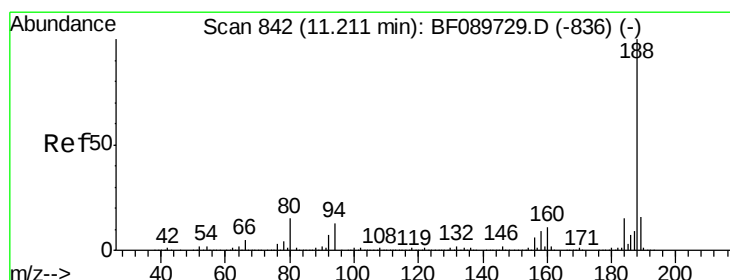
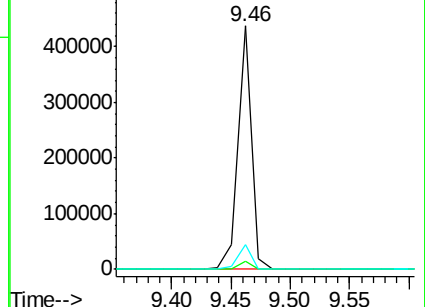
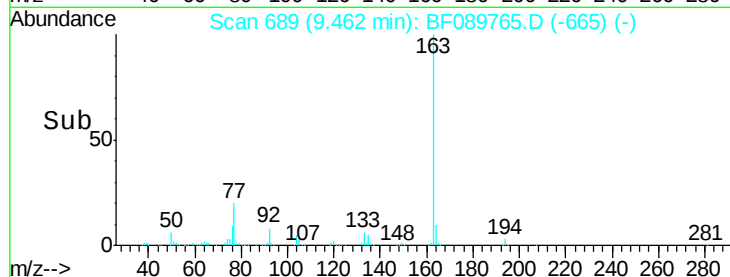
164 10.1 8.6 12.8



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: BF089765.D

Acq: 17 Aug 2016 16:16

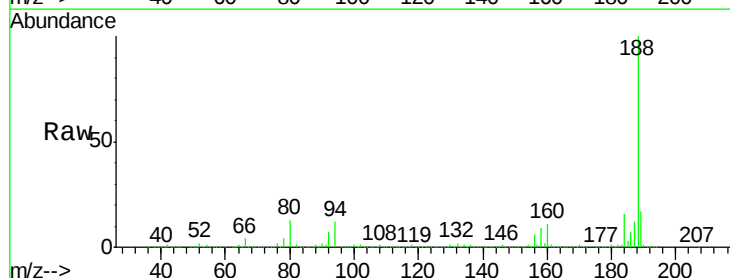
Tgt Ion:188 Resp: 2407111

Ion Ratio Lower Upper

188 100

94 12.2 10.2 15.2

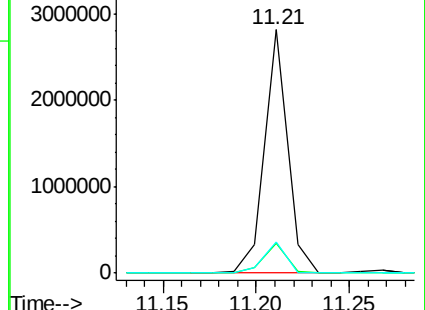
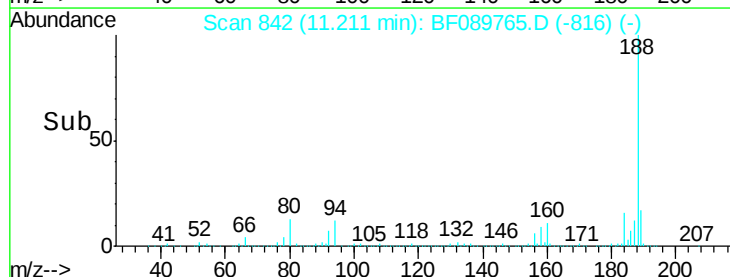
80 12.6 10.9 16.3

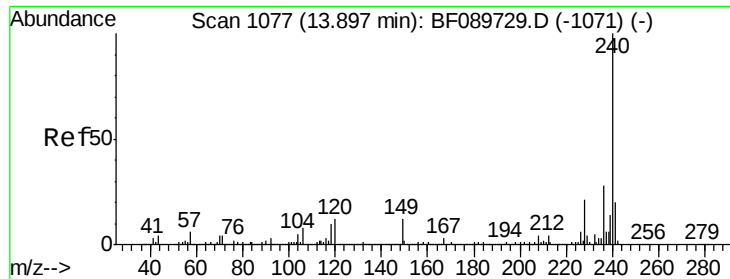


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089765.D

Acq: 17 Aug 2016 16:16

Instrument :

BNA_F

ClientSampleId :

LOCATION-3A

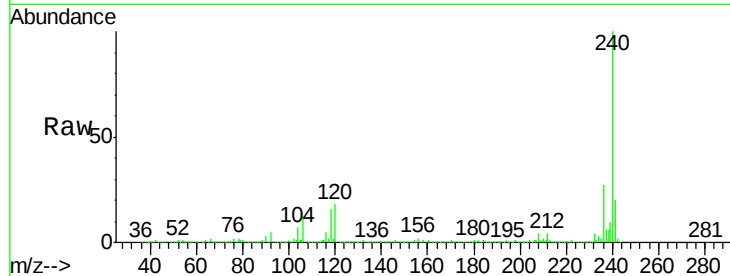
Tot Ion:240 Resp: 2075450

Ion Ratio Lower Upper

240 100

120 18.3 8.3 12.5#

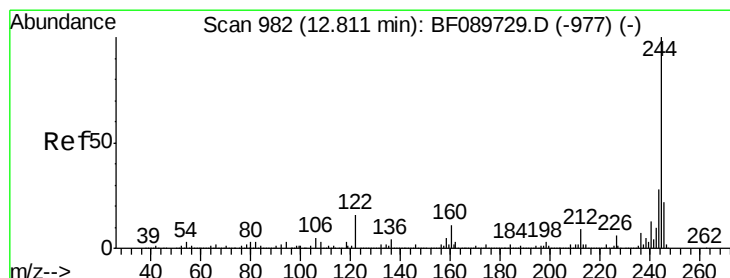
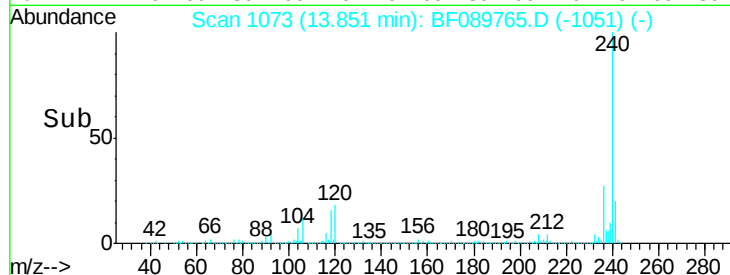
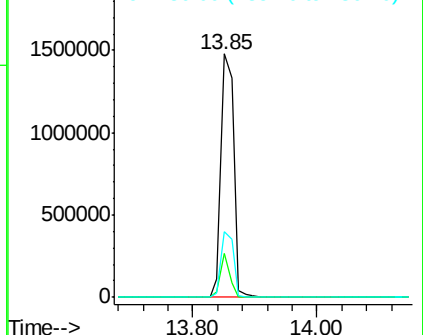
236 26.8 21.3 31.9



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: 83.41 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089765.D

Acq: 17 Aug 2016 16:16

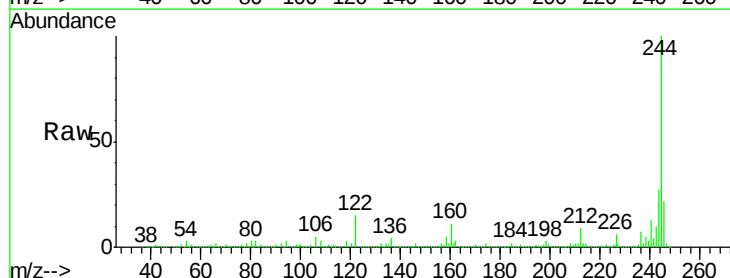
Tgt Ion:244 Resp: 5794734

Ion Ratio Lower Upper

244 100

212 9.3 6.3 9.5

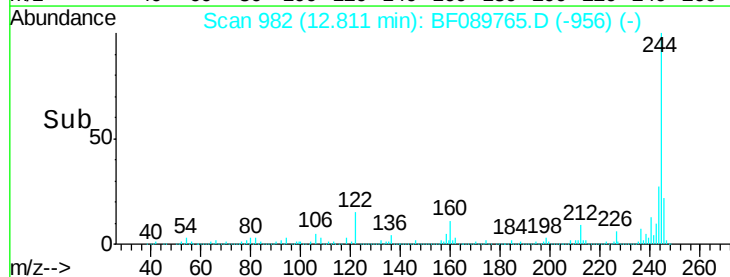
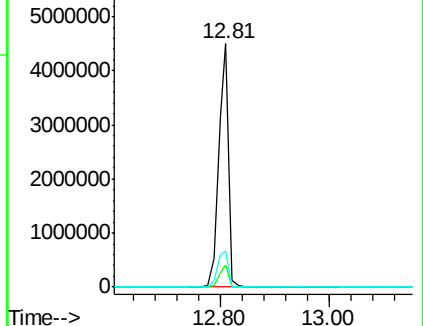
122 15.1 12.0 18.0

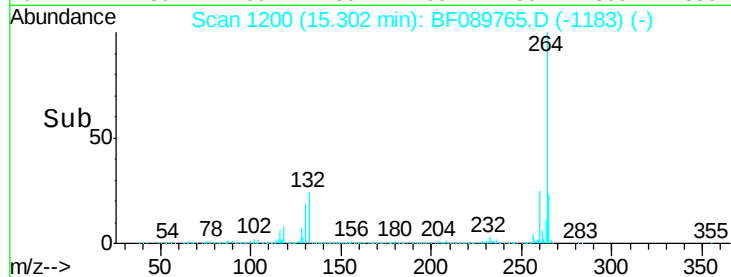
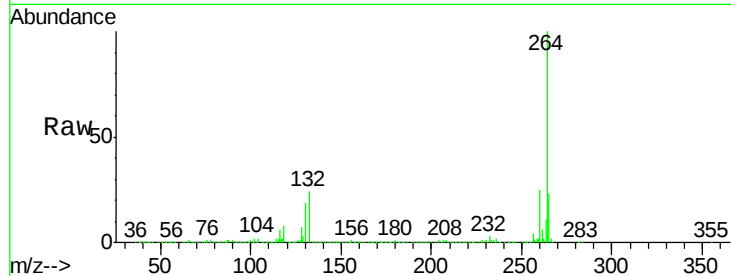
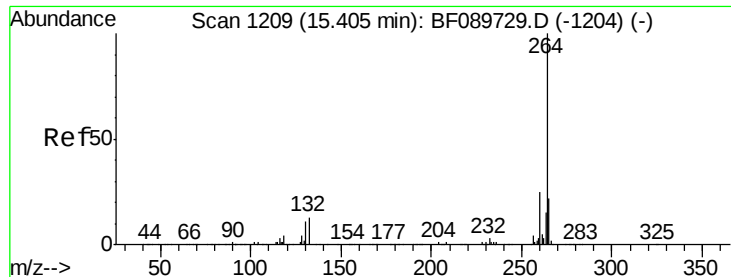


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1200
 Delta R.T. -0.10 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-3A

Tot Ion:264 Resp: 1766054
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.2 30.2
 265 22.5 17.4 26.2

