

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089766.D
 Acq On : 17 Aug 2016 16:42
 Operator : UM/SJ
 Sample : H4476-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5D

Quant Time: Aug 17 17:09:35 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	650280	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2778661	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1345886	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2304285	20.00	ng	0.00
75) Chrysene-d12	13.90	240	2005070	20.00	ng	0.00
86) Perylene-d12	15.41	264	1559324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2472266	63.43	ng	0.00
7) Phenol-d6	6.33	99	2223775	44.86	ng	0.00
23) Nitrobenzene-d5	7.27	82	3867438	84.99	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1612405	123.84	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6464139	77.07	ng	0.00
78) Terphenyl-d14	12.81	244	5819587	86.71	ng	0.00

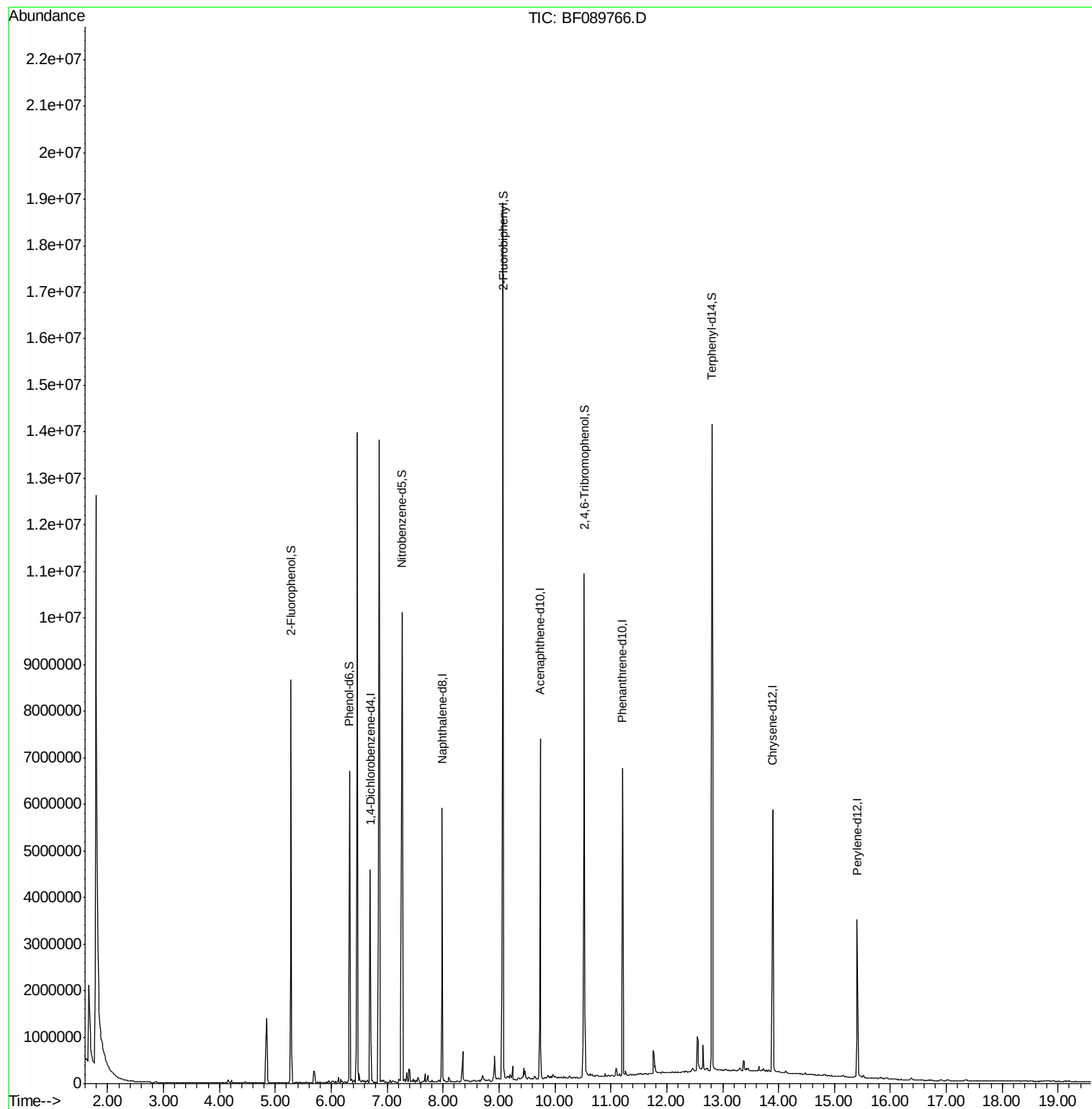
Target Compounds Qvalue

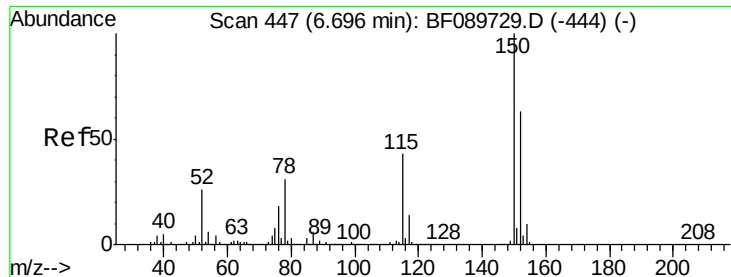
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089766.D
Acq On : 17 Aug 2016 16:42
Operator : UM/SJ
Sample : H4476-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D

Quant Time: Aug 17 17:09:35 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



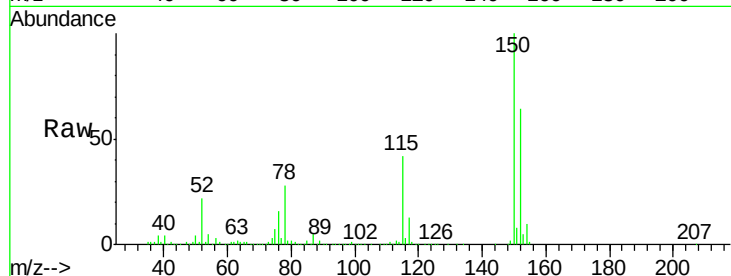


#1

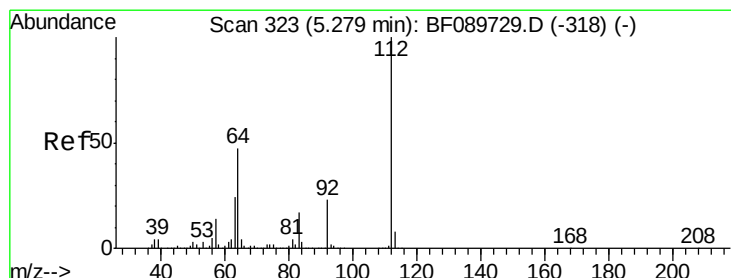
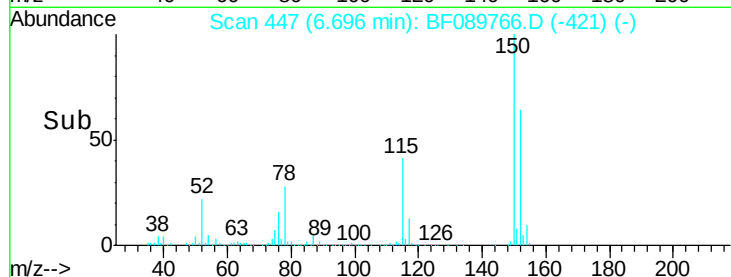
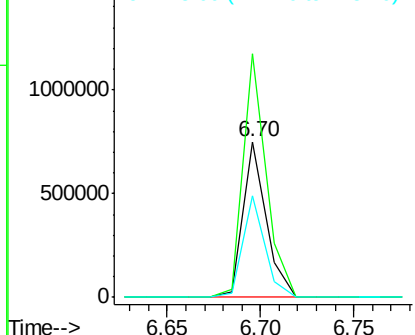
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089766.D
Acq: 17 Aug 2016 16:42

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.3	187.9
115	64.8	40.9	61.3



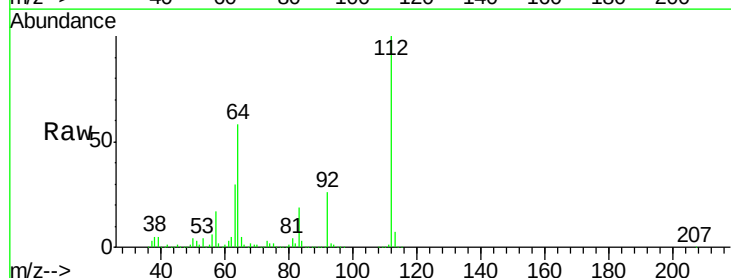
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



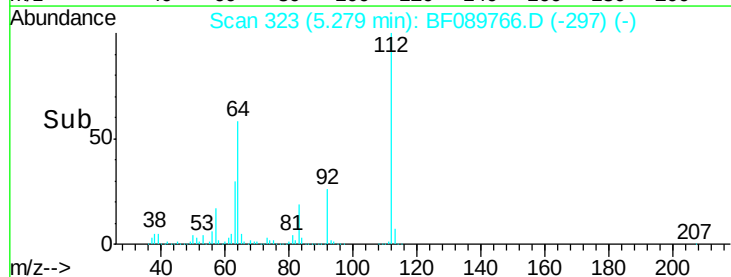
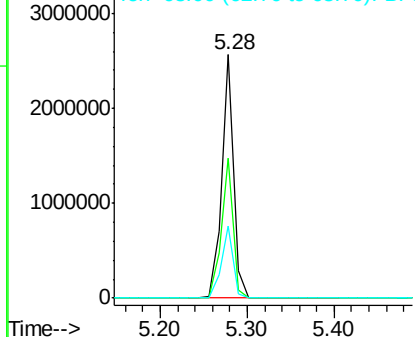
#5

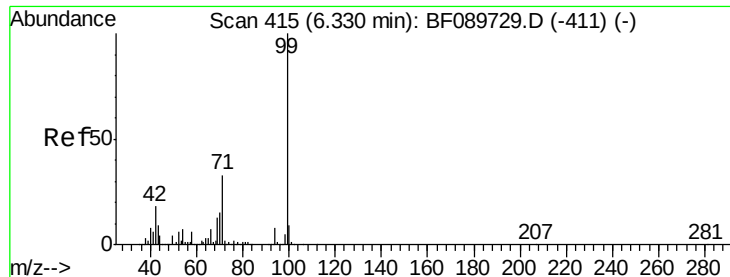
2-Fluorophenol
Concen: 63.43 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089766.D
Acq: 17 Aug 2016 16:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.0	67.4
63	29.6	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: 44.86 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089766.D

Acq: 17 Aug 2016 16:42

Instrument :

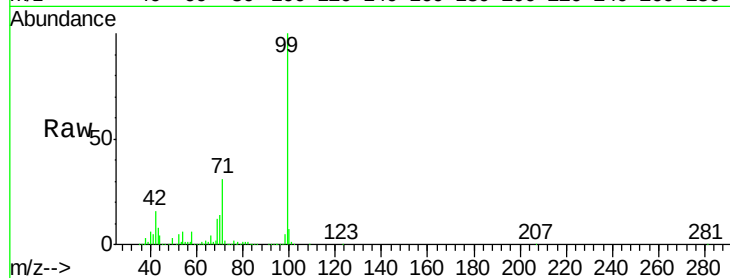
BNA_F

ClientSampleId :

LOCATION-5D

Tot Ion: 99 Resp: 2223775

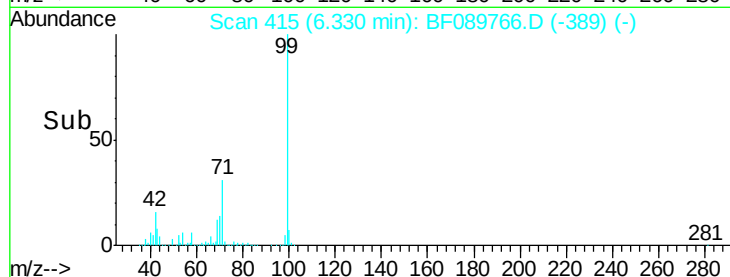
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.4
71	31.3	23.8	35.8



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-->

6.33

3000000

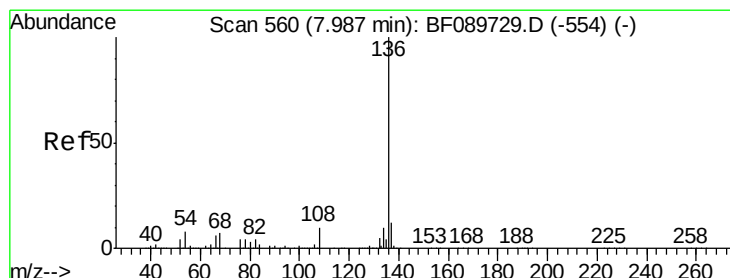
2000000

1000000

0

6.30 6.40

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

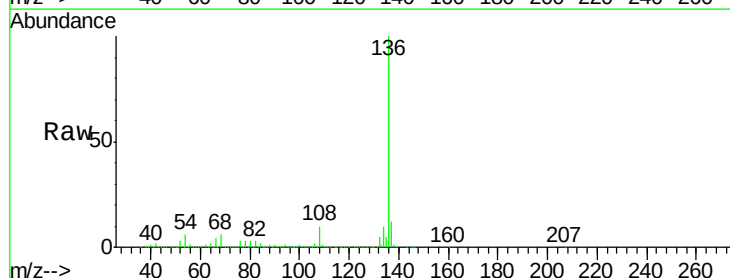
Delta R.T. -0.00 min

Lab File: BF089766.D

Acq: 17 Aug 2016 16:42

Tgt Ion: 136 Resp: 2778661

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	6.0	7.2	10.8#
68	5.6	5.8	8.8#

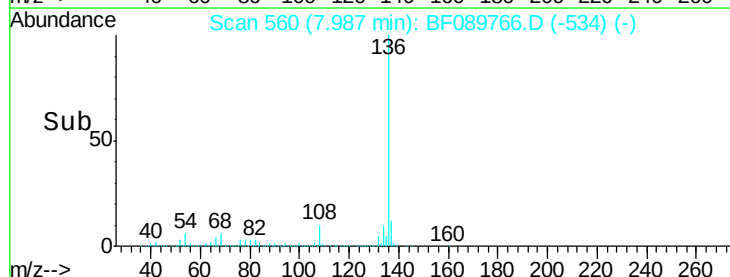


Abundance Ion 136.00 (135.70 to 136.70): E

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-->

7.99

4000000

3000000

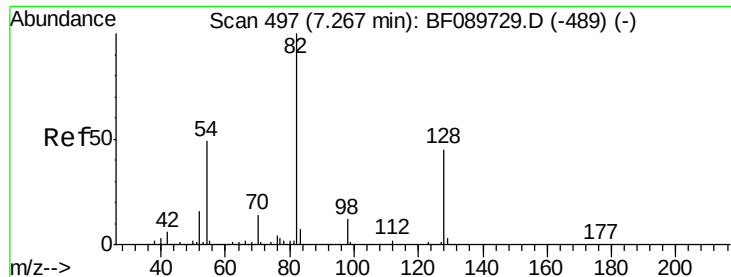
2000000

1000000

0

7.90 7.95 8.00 8.05

Time-->



#23

Nitrobenzene-d5

Concen: 84.99 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089766.D

Acq: 17 Aug 2016 16:42

Instrument :

BNA_F

ClientSampleId :

LOCATION-5D

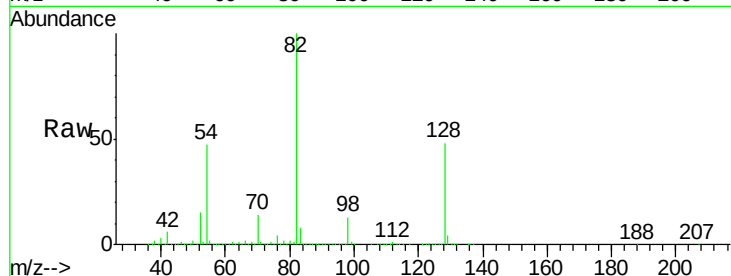
Tot Ion: 82 Resp: 3867438

Ion Ratio Lower Upper

82 100

128 48.2 34.4 51.6

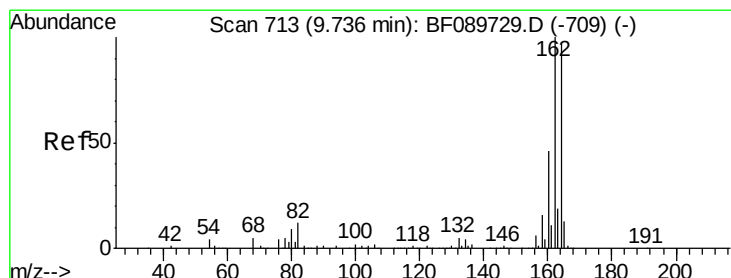
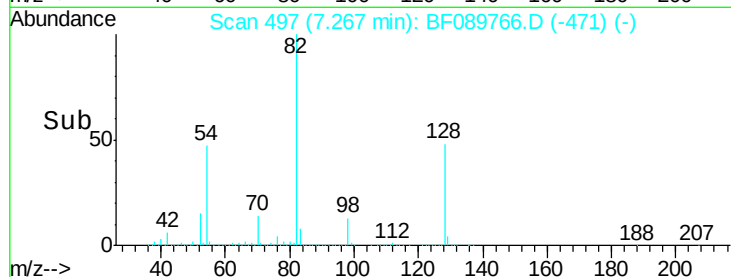
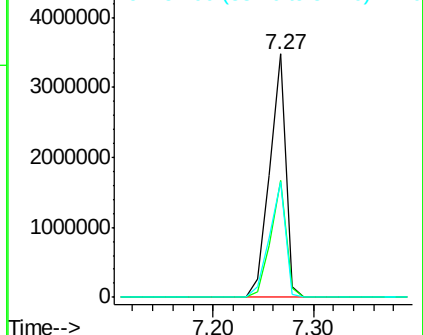
54 47.4 40.3 60.5



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: BF089766.D

Acq: 17 Aug 2016 16:42

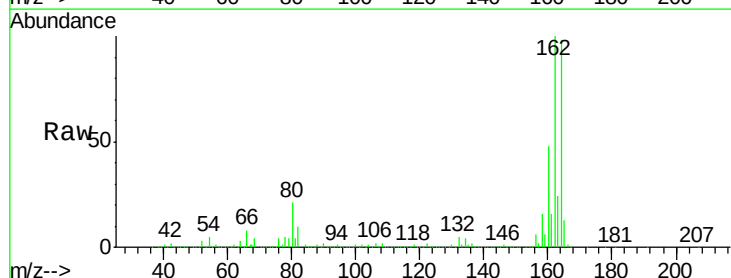
Tgt Ion:164 Resp: 1345886

Ion Ratio Lower Upper

164 100

162 102.4 81.4 122.2

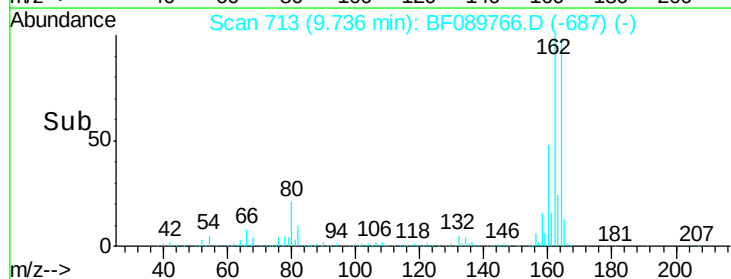
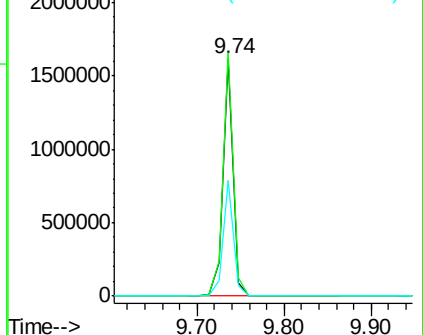
160 48.7 37.8 56.6

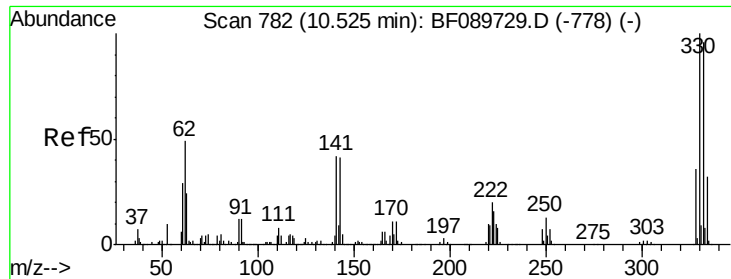


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

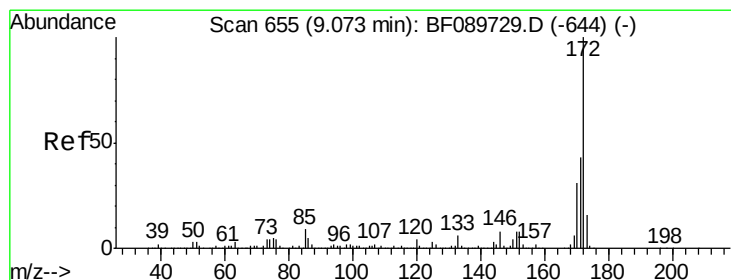
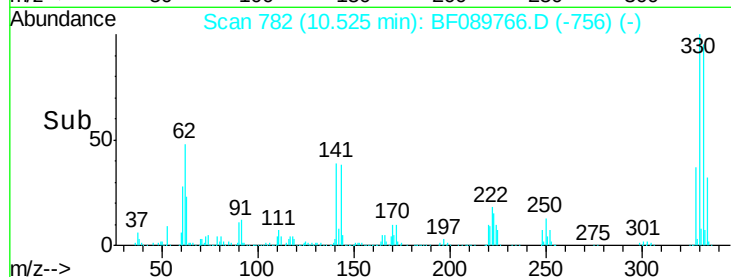
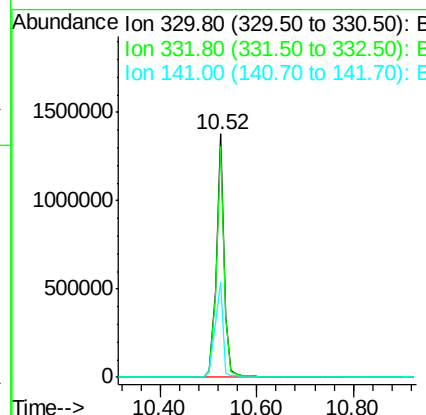
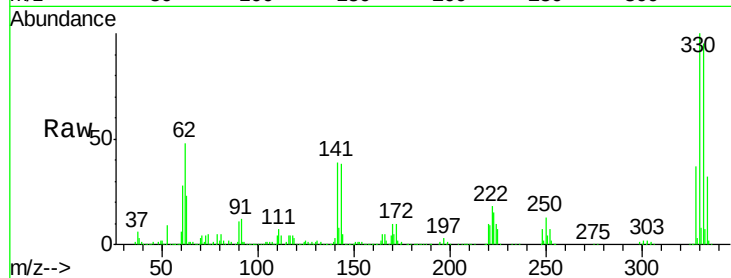




#41
 2,4,6-Tribromophenol
 Concen: 123.84 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089766.D
 Acq: 17 Aug 2016 16:42

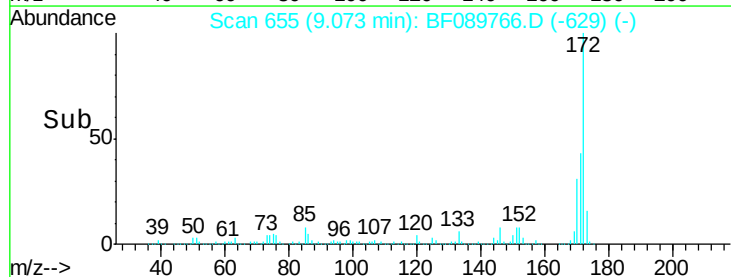
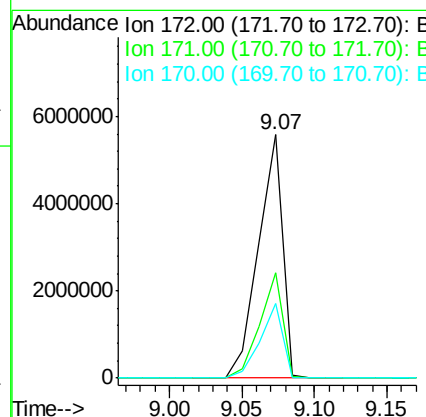
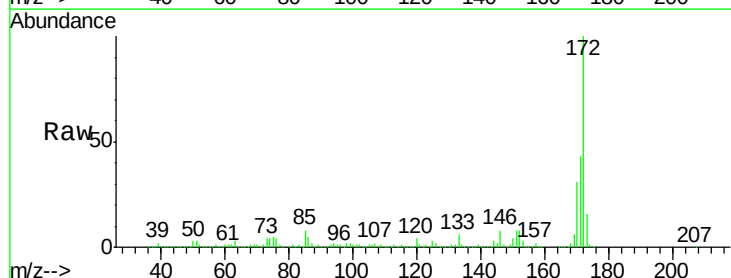
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5D

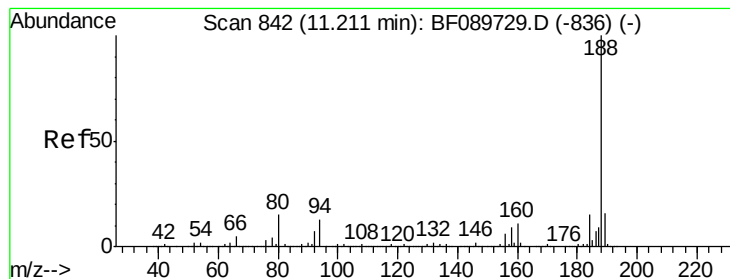
Tot Ion:330 Resp: 1612405
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.7 115.1
 141 40.6 30.2 45.2



#44
 2-Fluorobiphenyl
 Concen: 77.07 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089766.D
 Acq: 17 Aug 2016 16:42

Tgt Ion:172 Resp: 6464139
 Ion Ratio Lower Upper
 172 100
 171 43.5 30.5 45.7
 170 30.9 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: BF089766.D

Acq: 17 Aug 2016 16:42

Instrument :

BNA_F

ClientSampleId :

LOCATION-5D

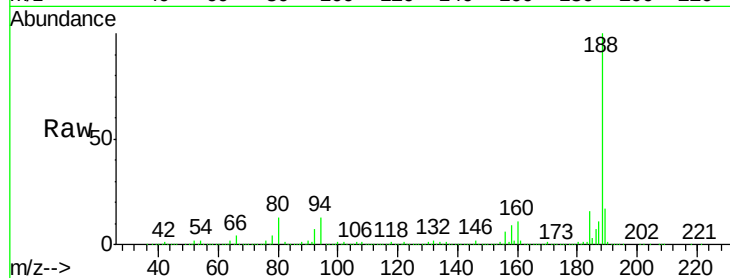
Tot Ion:188 Resp: 2304285

Ion Ratio Lower Upper

188 100

94 12.7 10.2 15.2

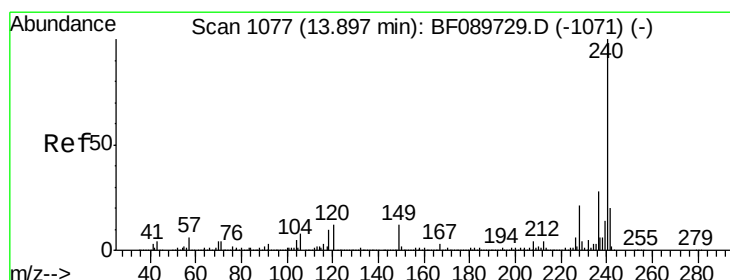
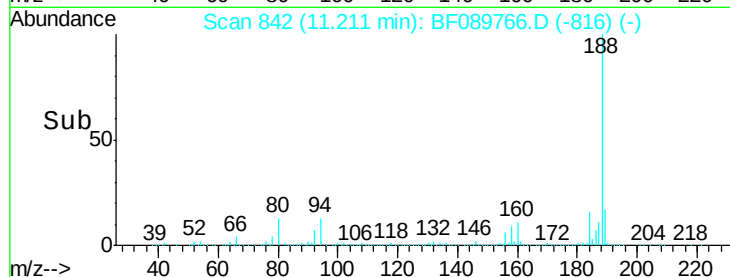
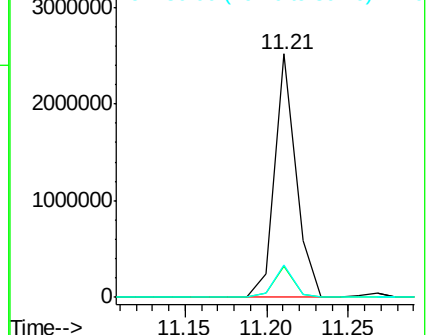
80 13.1 10.9 16.3



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: 13.90 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BF089766.D

Acq: 17 Aug 2016 16:42

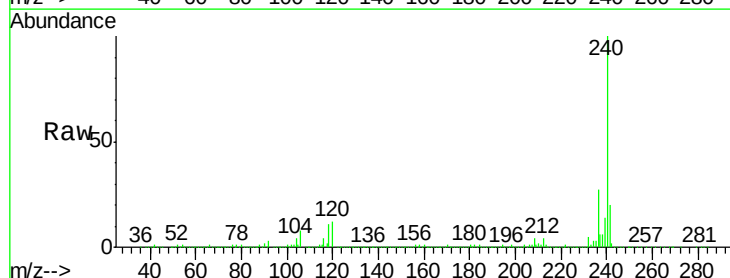
Tgt Ion:240 Resp: 2005070

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

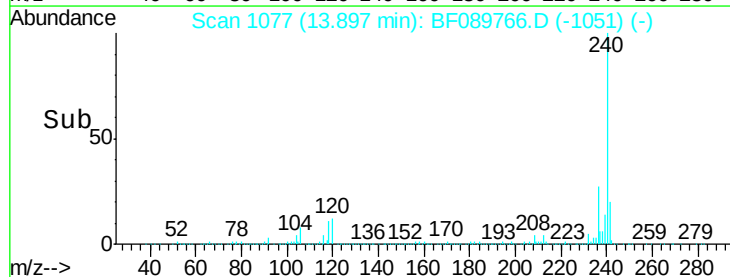
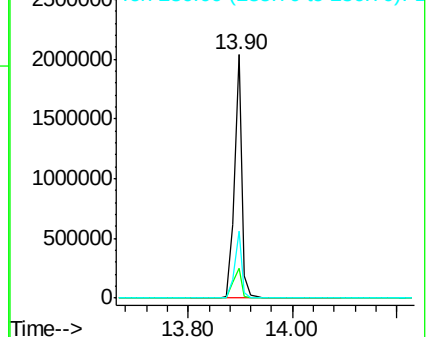
236 27.3 21.3 31.9

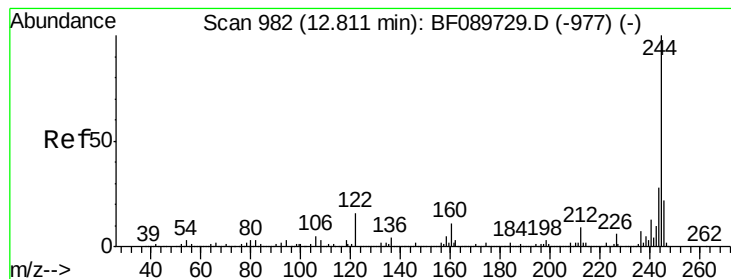


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.71 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089766.D

Acq: 17 Aug 2016 16:42

Instrument :

BNA_F

ClientSampleId :

LOCATION-5D

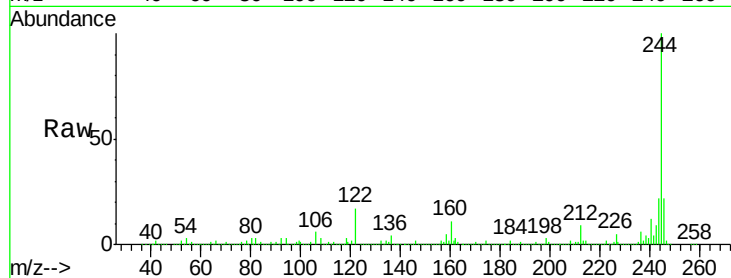
Tot Ion:244 Resp: 5819587

Ion Ratio Lower Upper

244 100

212 9.3 6.3 9.5

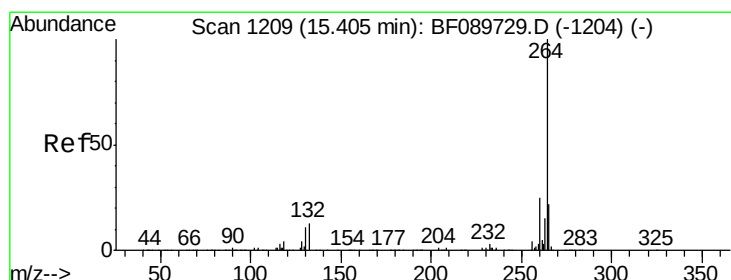
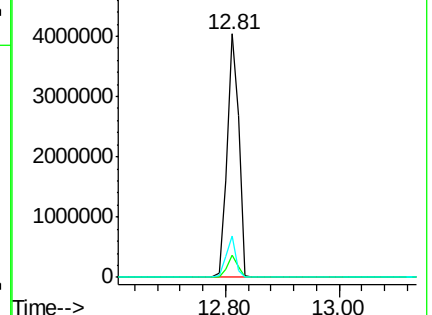
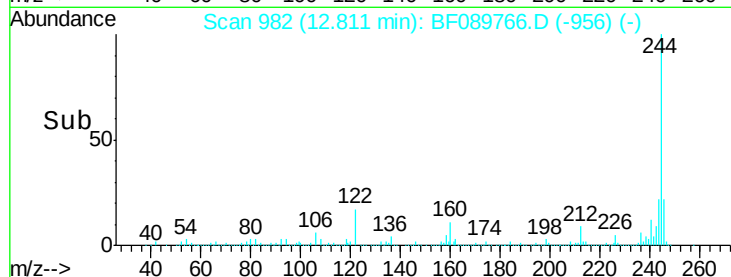
122 17.1 12.0 18.0



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

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF089766.D

Acq: 17 Aug 2016 16:42

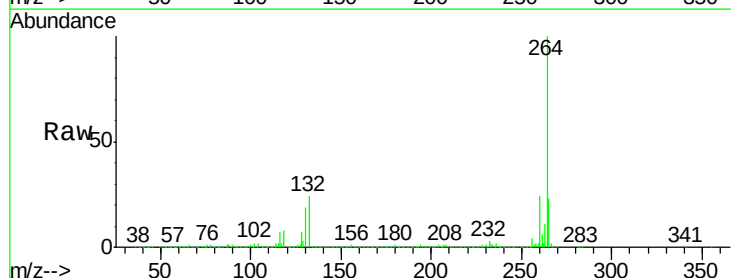
Tgt Ion:264 Resp: 1559324

Ion Ratio Lower Upper

264 100

260 24.1 20.2 30.2

265 22.6 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

