

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089761.D
 Acq On : 17 Aug 2016 14:29
 Operator : UM/SJ
 Sample : H4476-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46A

Quant Time: Aug 17 16:05:20 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	686766	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2951321	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1458511	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2492357	20.00	ng	0.00
75) Chrysene-d12	13.87	240	2030720	20.00	ng	-0.02
86) Perylene-d12	15.36	264	1828330	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2568702	62.41	ng	0.00
7) Phenol-d6	6.33	99	2233146	42.65	ng	0.00
23) Nitrobenzene-d5	7.27	82	4093214	84.69	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1676312	118.80	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6895315	75.86	ng	0.00
78) Terphenyl-d14	12.81	244	5530984	81.37	ng	0.00

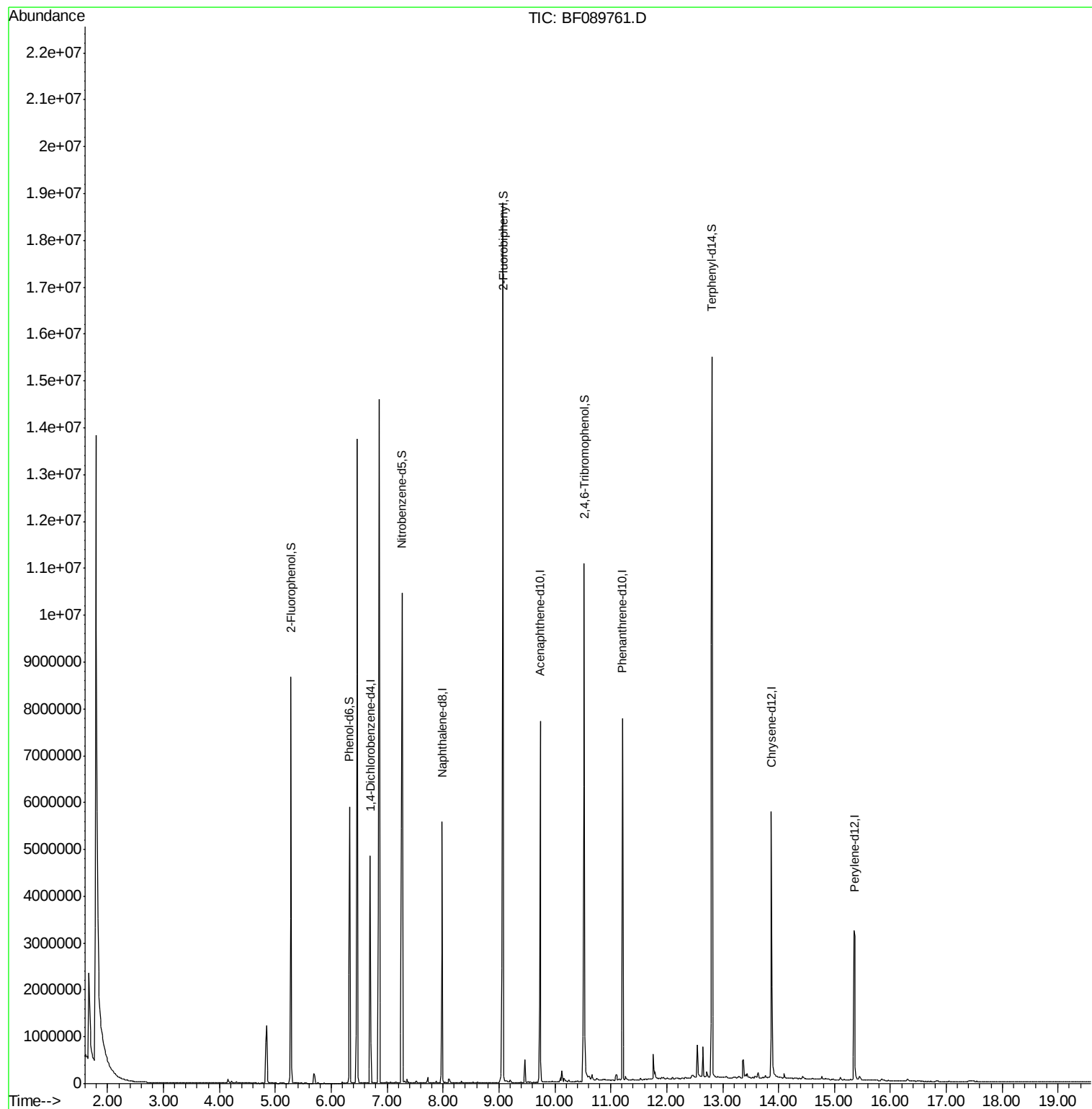
Target Compounds Qvalue

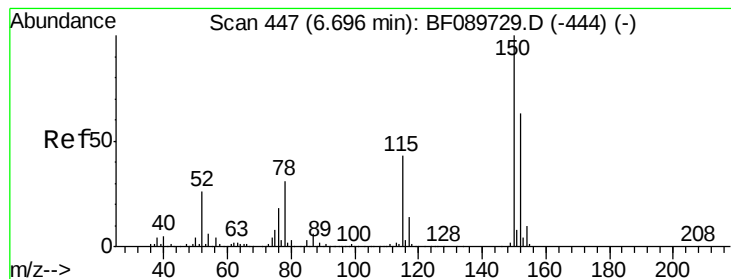
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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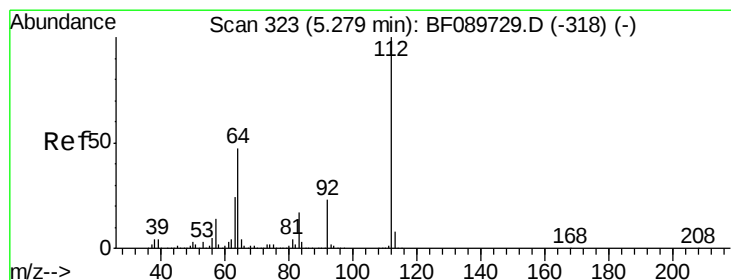
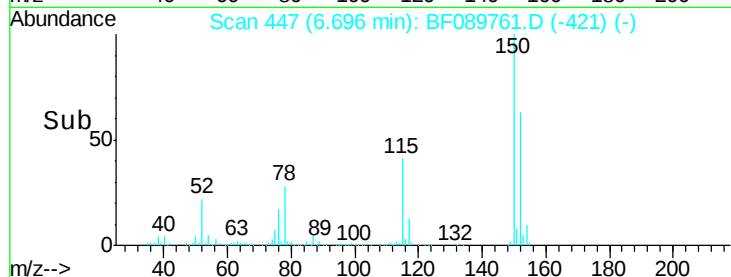
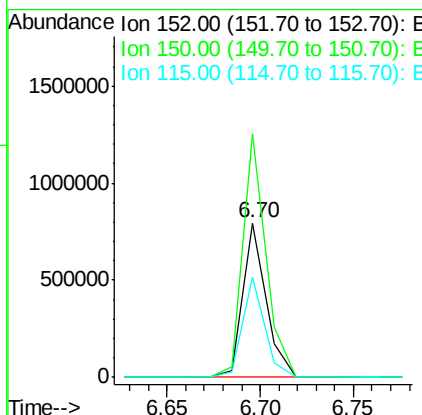
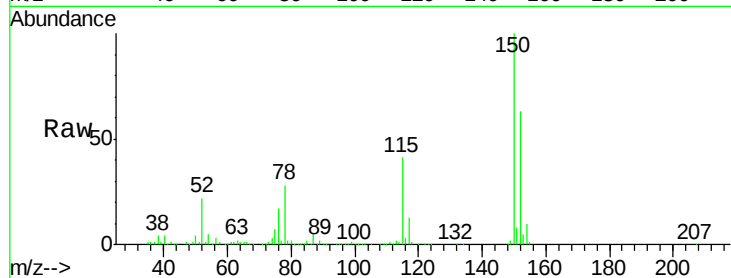


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089761.D
Acq: 17 Aug 2016 14:29

Instrument :
BNA_F
ClientSampleId :
LOCATION-46A

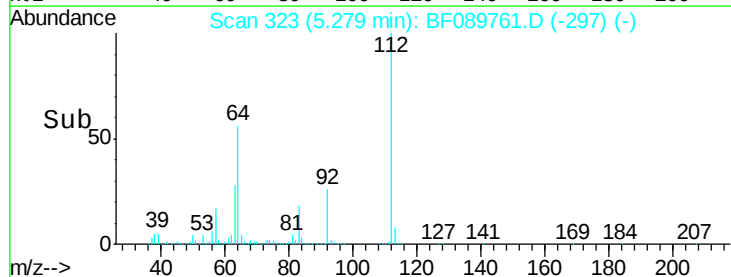
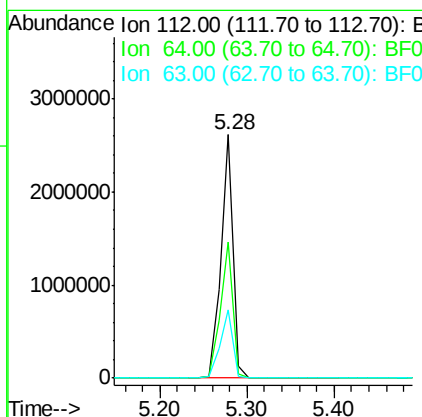
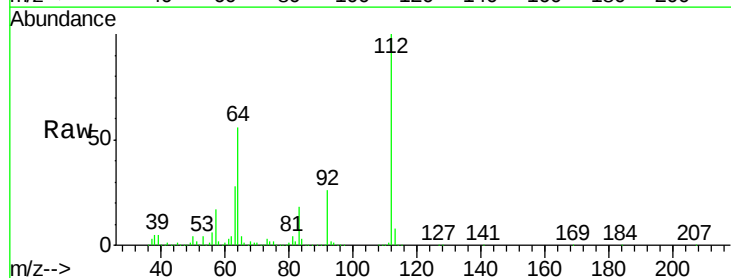
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.3	187.9
115	64.6	40.9	61.3

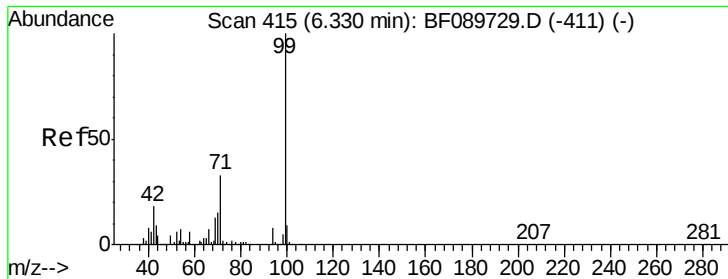


#5

2-Fluorophenol
Concen: 62.41 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089761.D
Acq: 17 Aug 2016 14:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.0	67.4
63	28.2	23.1	34.7





#7

Phenol-d6

Concen: 42.65 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

Instrument :

BNA_F

ClientSampleId :

LOCATION-46A

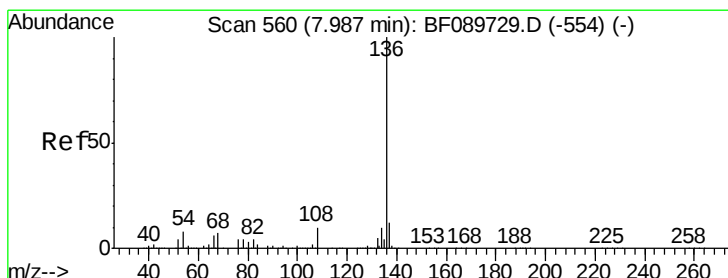
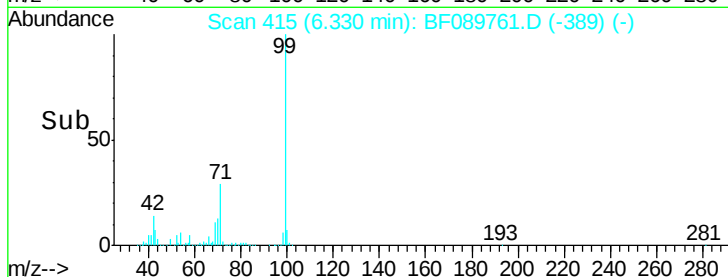
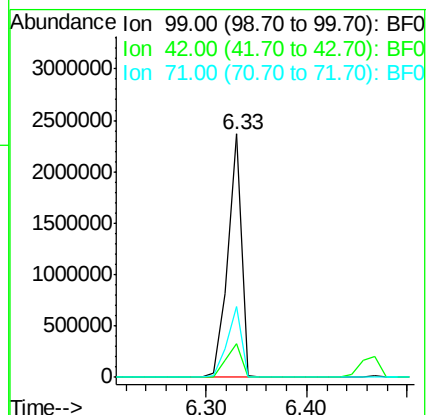
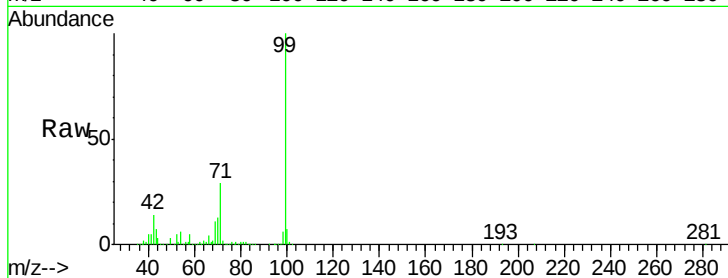
Tot Ion: 99 Resp: 2233146

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.4

71 29.0 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

Tgt Ion: 136 Resp: 2951321

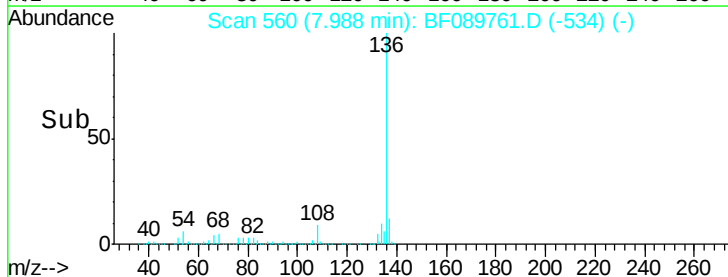
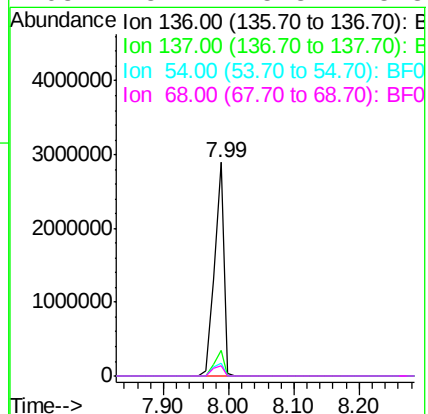
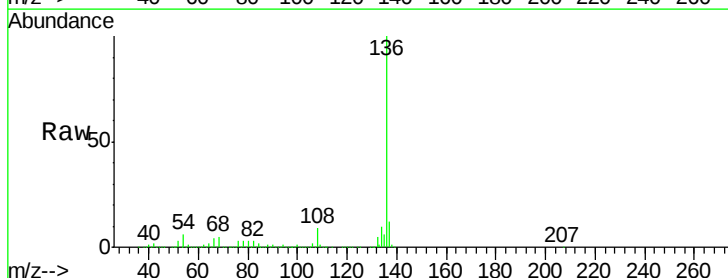
Ion Ratio Lower Upper

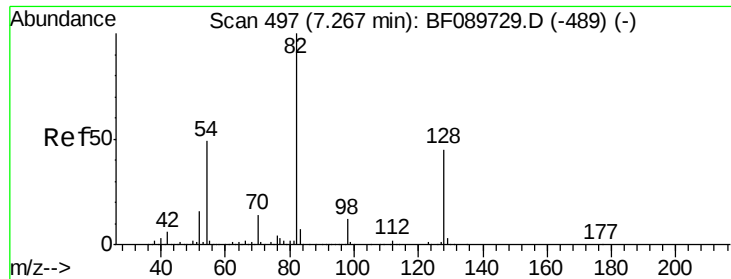
136 100

137 11.7 9.2 13.8

54 5.7 7.2 10.8#

68 5.1 5.8 8.8#



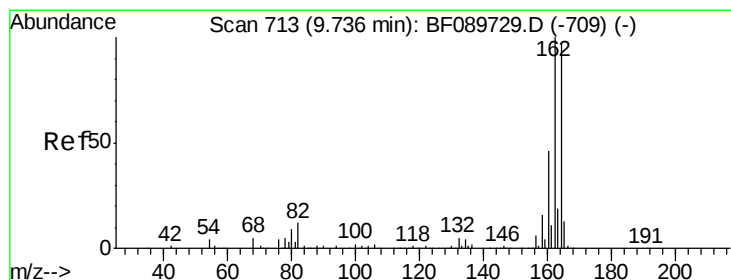
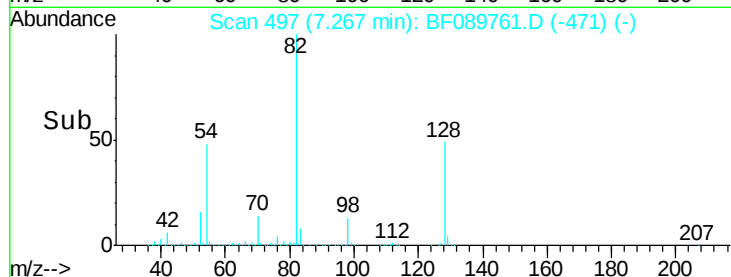
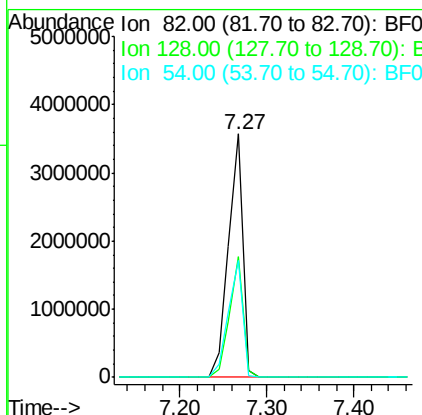
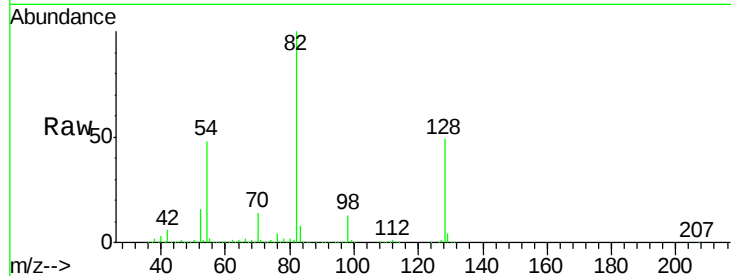


#23
 Nitrobenzene-d5
 Concen: 84.69 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089761.D
 Acq: 17 Aug 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46A

Tot Ion: 82 Resp: 4093214

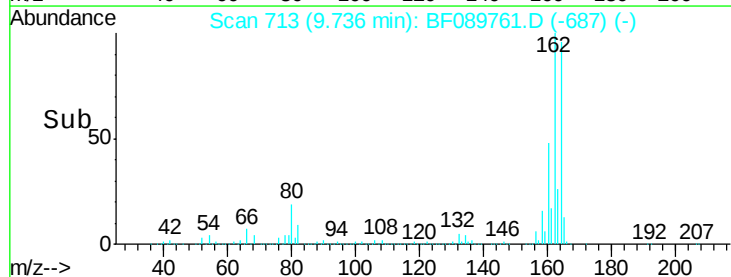
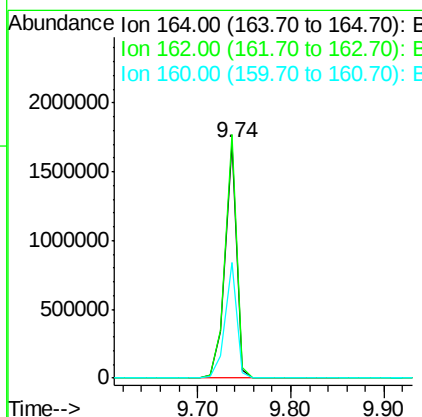
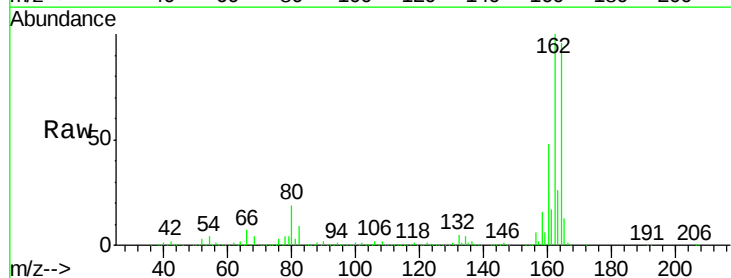
Ion	Ratio	Lower	Upper
82	100		
128	49.4	34.4	51.6
54	48.1	40.3	60.5

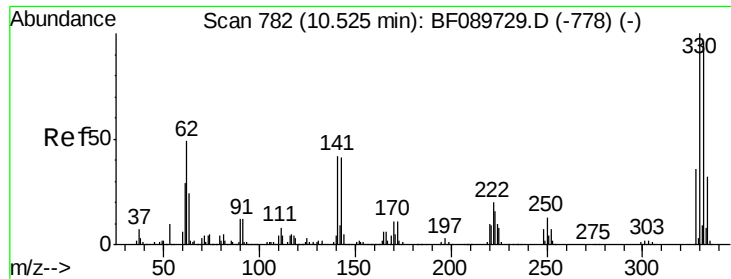


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089761.D
 Acq: 17 Aug 2016 14:29

Tgt Ion: 164 Resp: 1458511

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.4	122.2
160	49.4	37.8	56.6

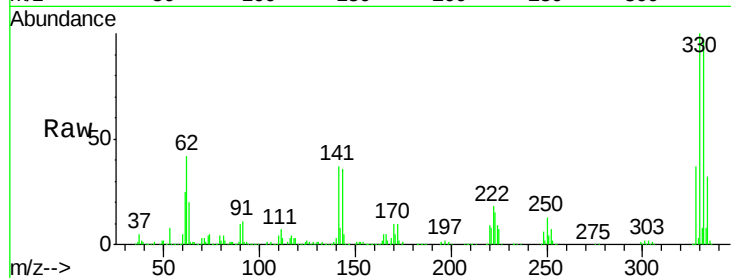




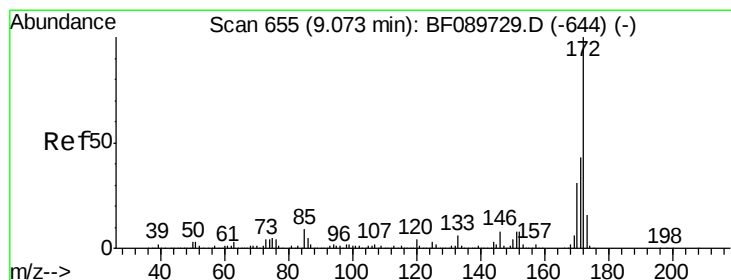
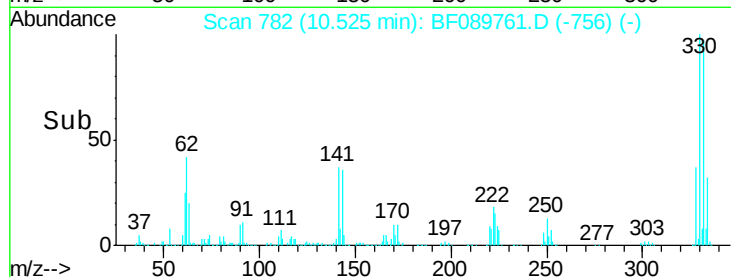
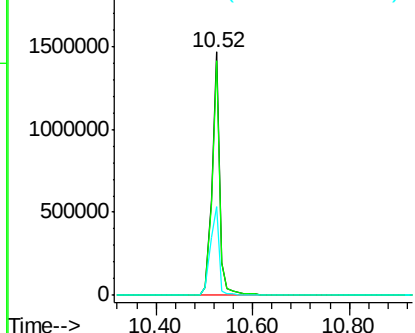
#41
 2,4,6-Tribromophenol
 Concen: 118.80 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089761.D
 Acq: 17 Aug 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46A

Tot Ion:330 Resp: 1676312
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 42.2 30.2 45.2

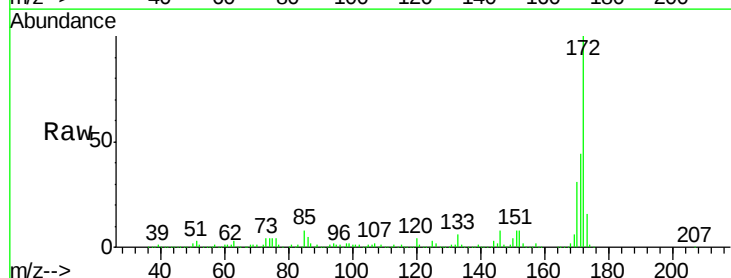


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

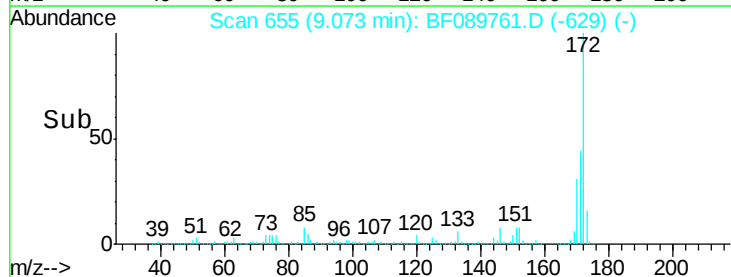
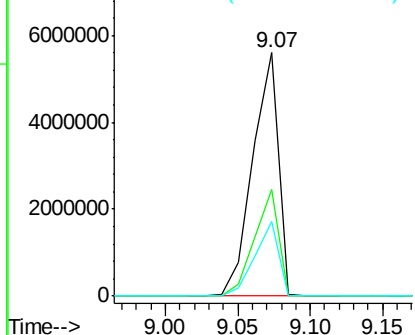


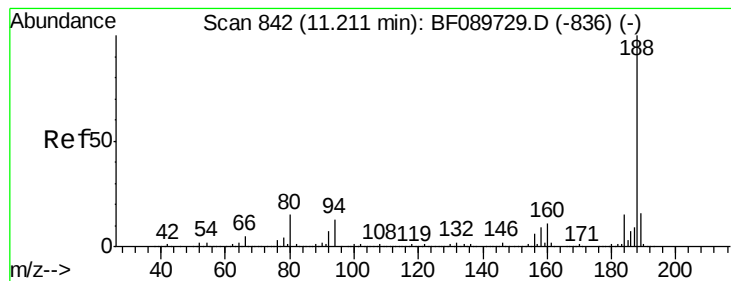
#44
 2-Fluorobiphenyl
 Concen: 75.86 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089761.D
 Acq: 17 Aug 2016 14:29

Tgt Ion:172 Resp: 6895315
 Ion Ratio Lower Upper
 172 100
 171 43.6 30.5 45.7
 170 30.7 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

Instrument :

BNA_F

ClientSampleId :

LOCATION-46A

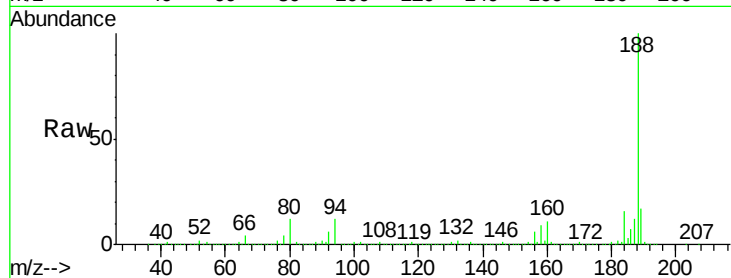
Tot Ion:188 Resp: 2492357

Ion Ratio Lower Upper

188 100

94 12.0 10.2 15.2

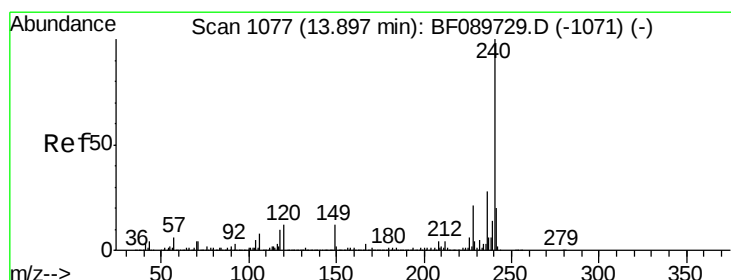
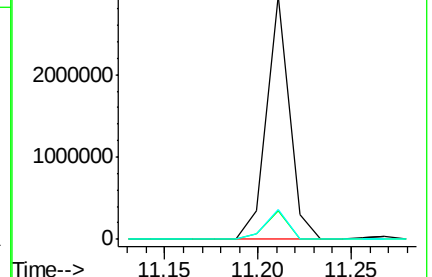
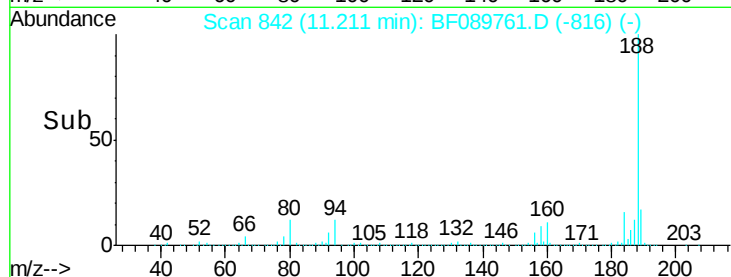
80 12.2 10.9 16.3



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: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

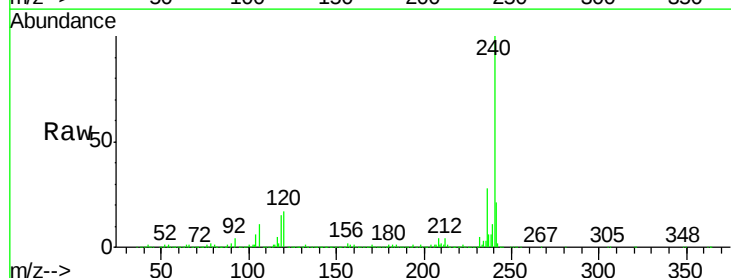
Tgt Ion:240 Resp: 2030720

Ion Ratio Lower Upper

240 100

120 17.0 8.3 12.5#

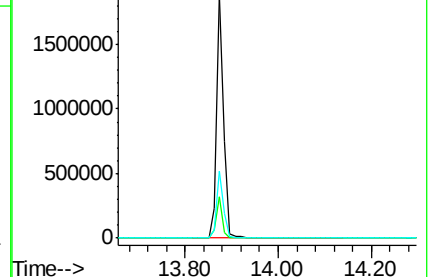
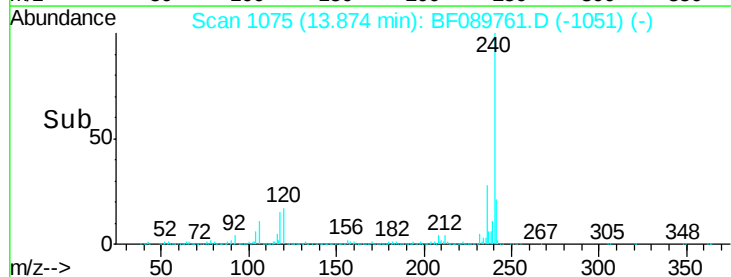
236 27.7 21.3 31.9

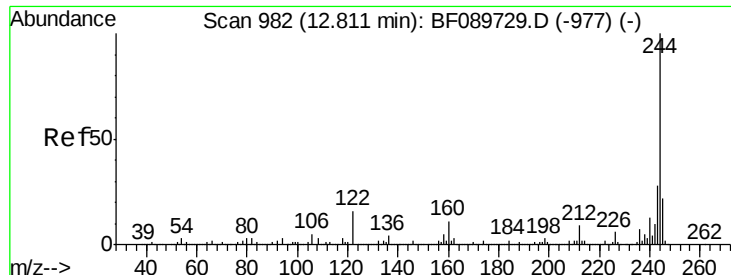


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.37 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

Instrument :

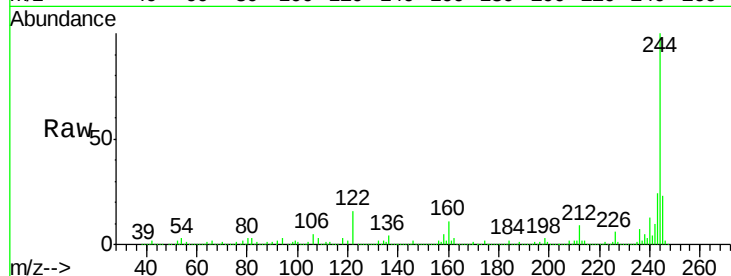
BNA_F

ClientSampleId :

LOCATION-46A

Tot Ion:244 Resp: 5530984

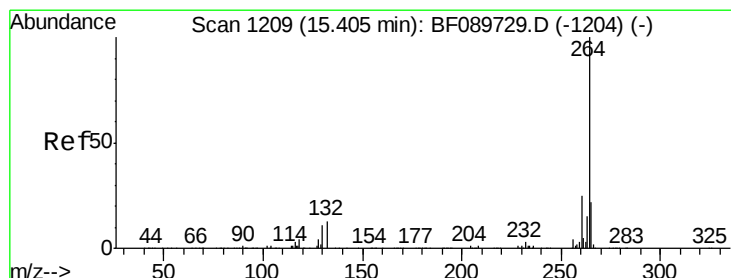
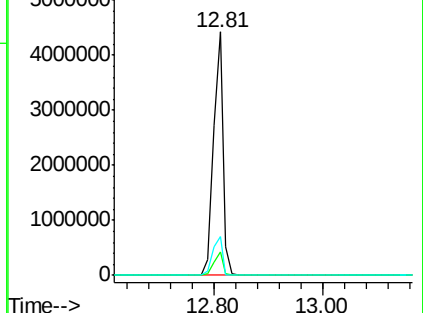
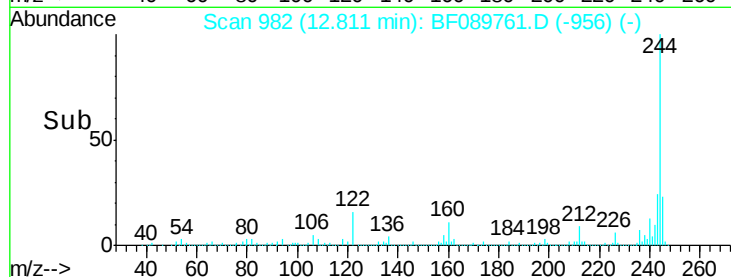
Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.3	9.5
122	15.9	12.0	18.0



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: 15.36 min Scan# 1205

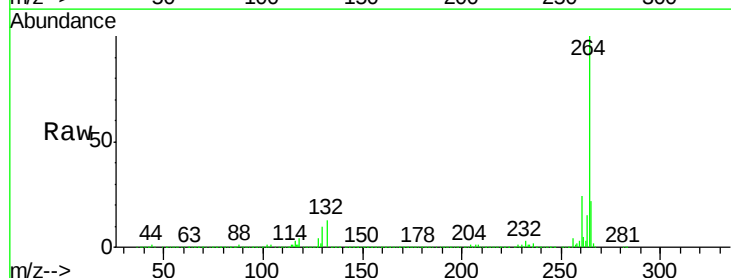
Delta R.T. -0.05 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

Tgt Ion:264 Resp: 1828330

Ion	Ratio	Lower	Upper
264	100		
260	24.5	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

