

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089740.D
 Acq On : 17 Aug 2016 3:37
 Operator : UM/SJ
 Sample : PB92811BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BL

Quant Time: Aug 17 04:40:02 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	779907	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	3253342	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1531553	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2685902	20.00	ng	0.00
75) Chrysene-d12	13.89	240	2405822	20.00	ng	-0.01
86) Perylene-d12	15.38	264	2028005	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	4156451	88.92	ng	0.01
7) Phenol-d6	6.33	99	5905050	99.32	ng	0.00
23) Nitrobenzene-d5	7.27	82	3747991	70.35	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1460406	98.57	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6383140	66.88	ng	0.00
78) Terphenyl-d14	12.81	244	4981500	61.86	ng	0.00

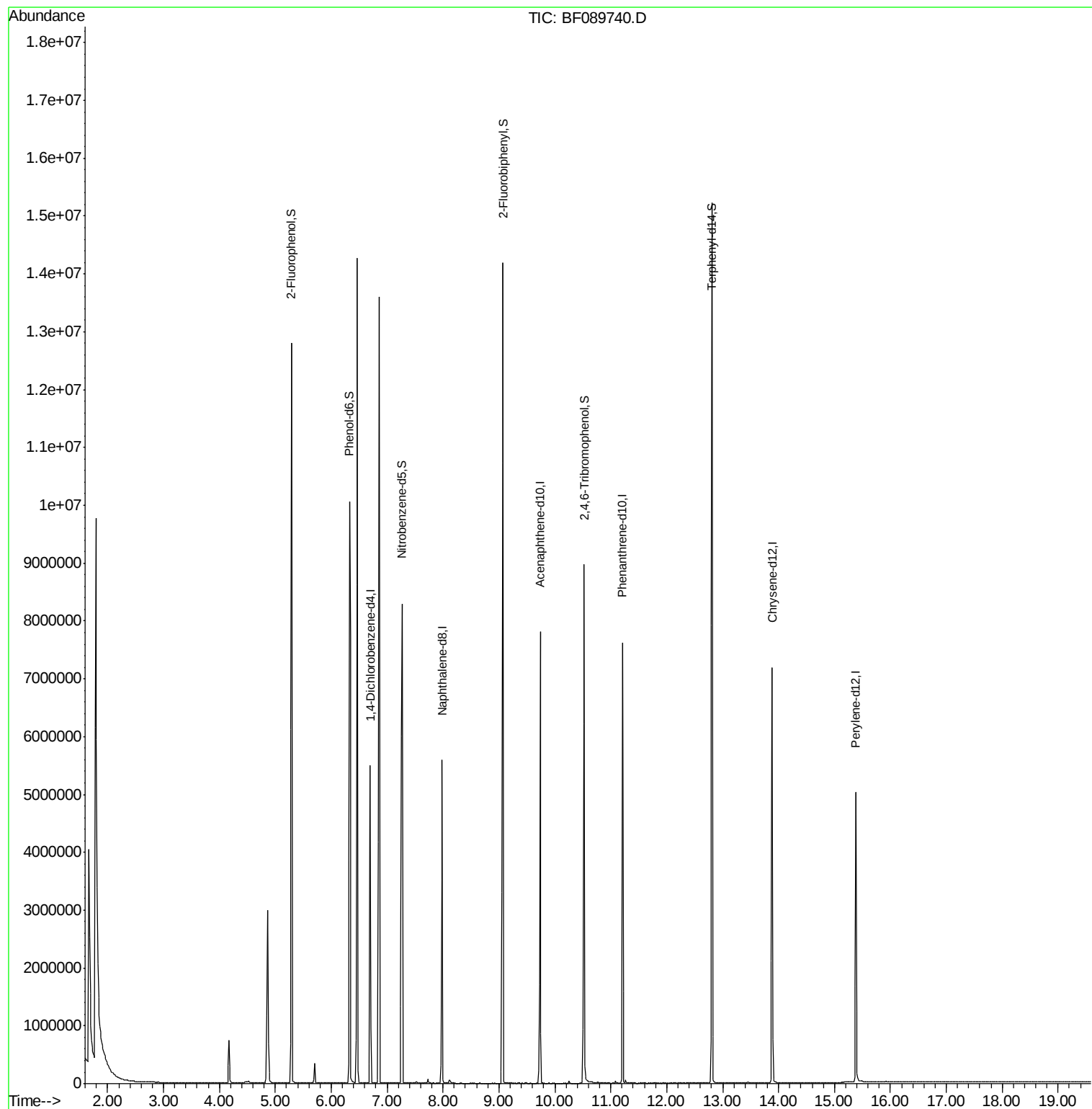
Target Compounds Qvalue

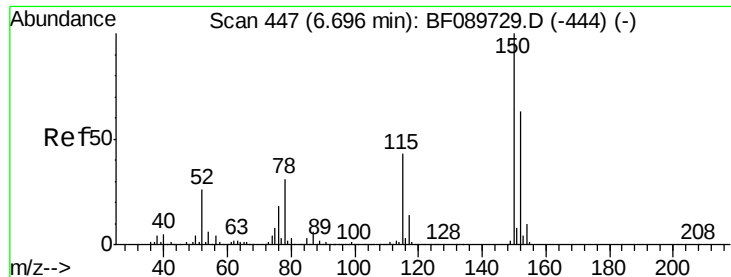
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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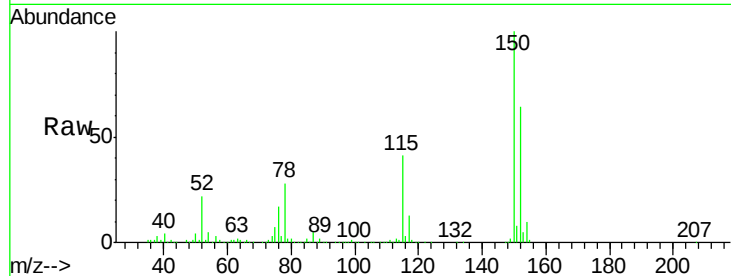


#1

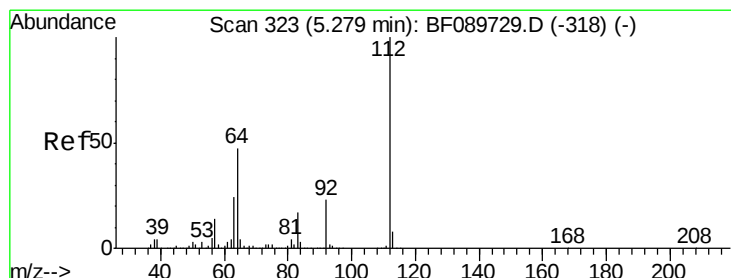
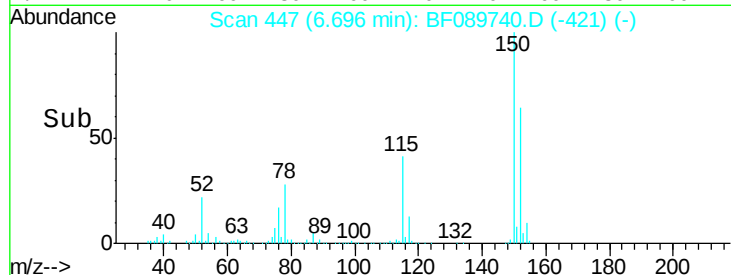
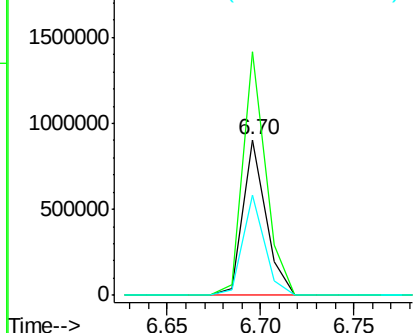
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089740.D
Acq: 17 Aug 2016 3:37

Instrument :
BNA_F
ClientSampleId :
PB92811BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.3	187.9
115	64.4	40.9	61.3



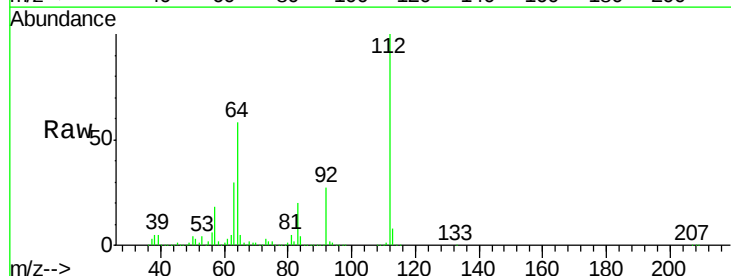
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



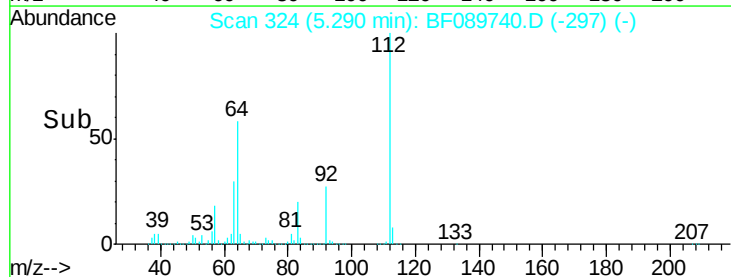
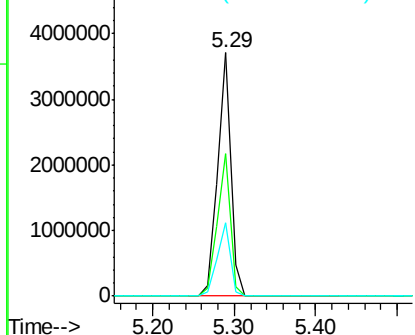
#5

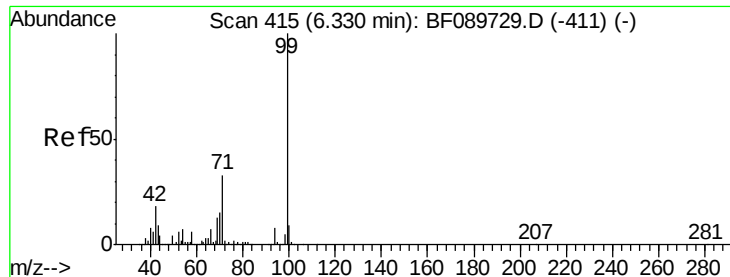
2-Fluorophenol
Concen: 88.92 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF089740.D
Acq: 17 Aug 2016 3:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.0	67.4
63	30.3	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: 99.32 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089740.D

Acq: 17 Aug 2016 3:37

Instrument :

BNA_F

ClientSampleId :

PB92811BL

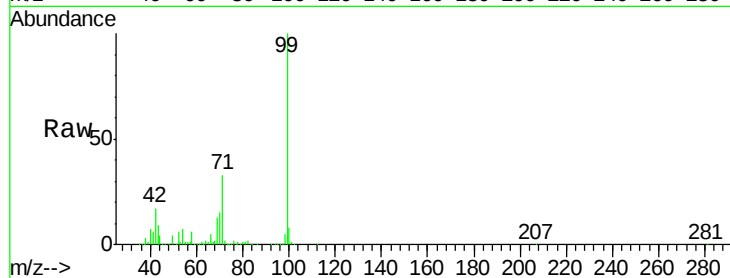
Tot Ion: 99 Resp: 5905050

Ion Ratio Lower Upper

99 100

42 16.7 12.2 18.4

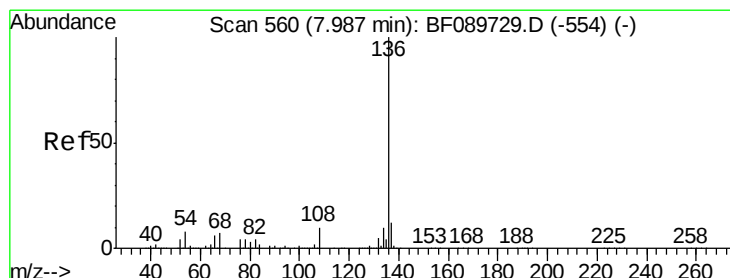
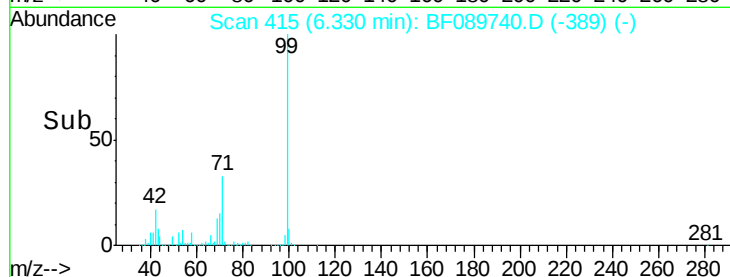
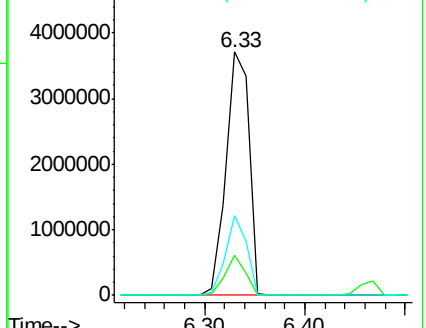
71 33.0 23.8 35.8



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: BF089740.D

Acq: 17 Aug 2016 3:37

Tgt Ion: 136 Resp: 3253342

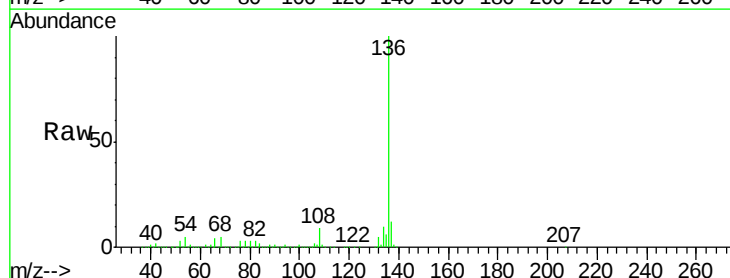
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 5.5 7.2 10.8#

68 5.0 5.8 8.8#

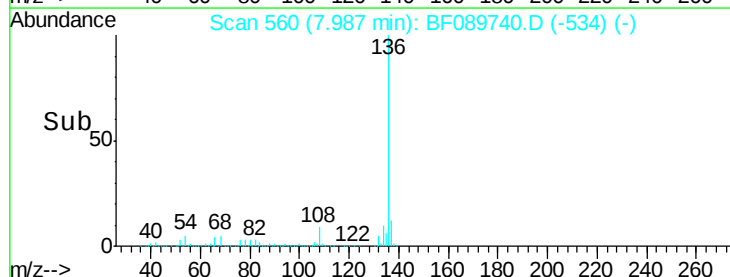
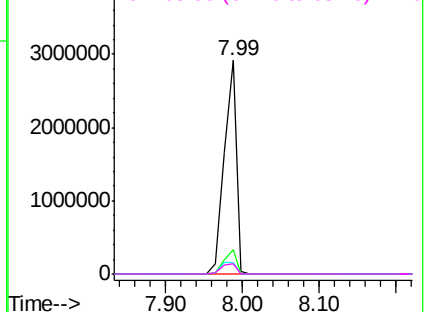


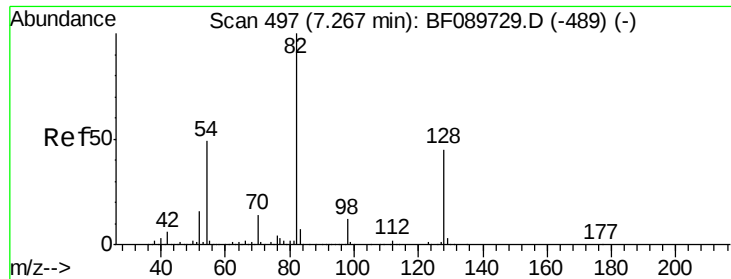
Abundance Ion 136.00 (135.70 to 136.70): E

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

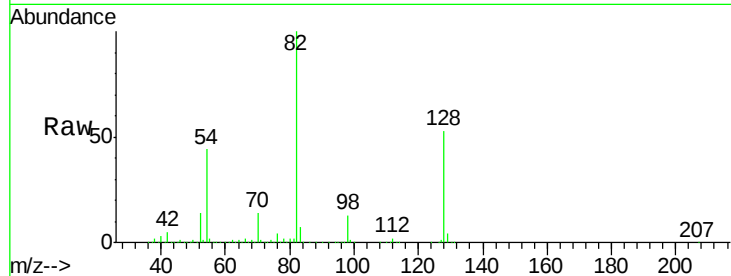




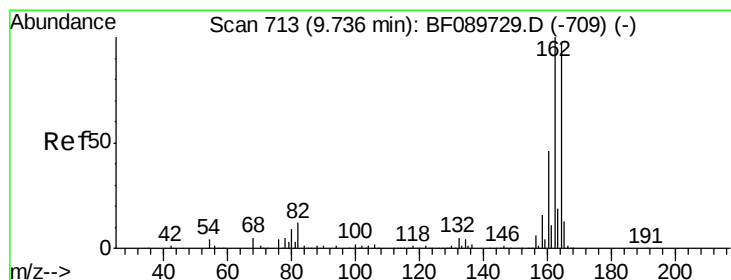
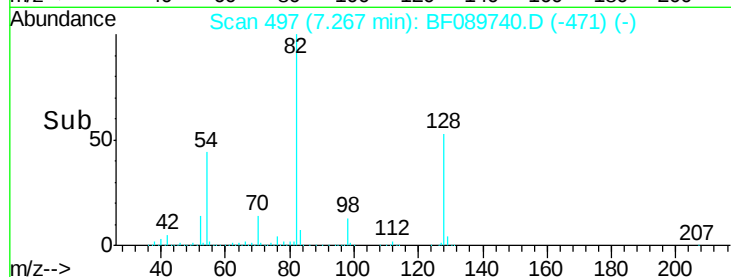
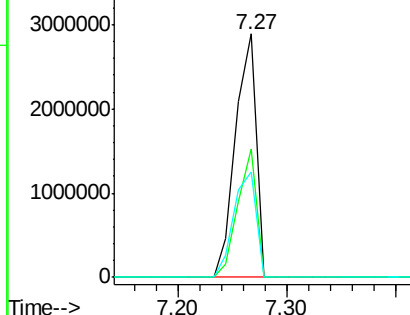
#23
Nitrobenzene-d5
Concen: 70.35 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF089740.D
Acq: 17 Aug 2016 3:37

Instrument :
BNA_F
ClientSampleId :
PB92811BL

Tot Ion: 82 Resp: 3747991
Ion Ratio Lower Upper
82 100
128 52.6 34.4 51.6#
54 43.5 40.3 60.5

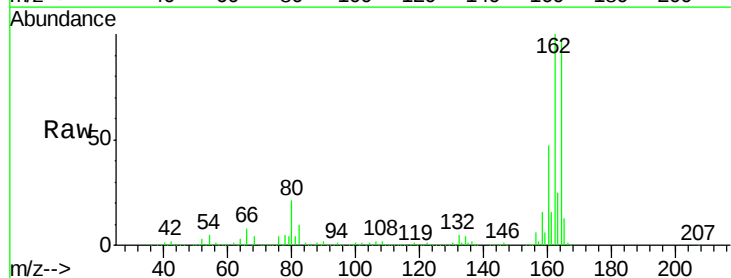


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

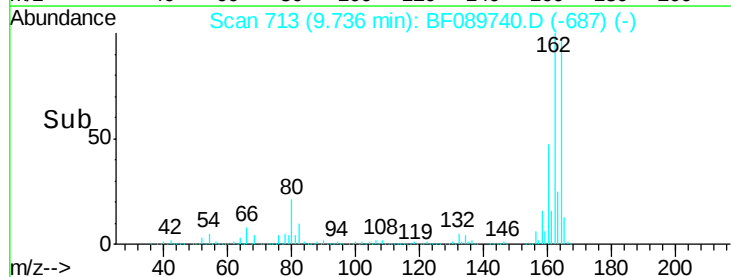
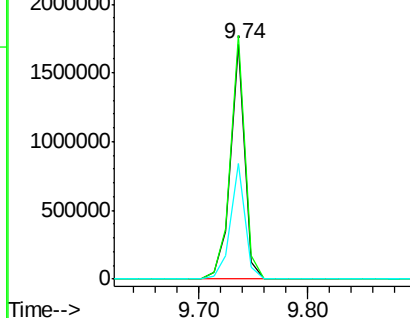


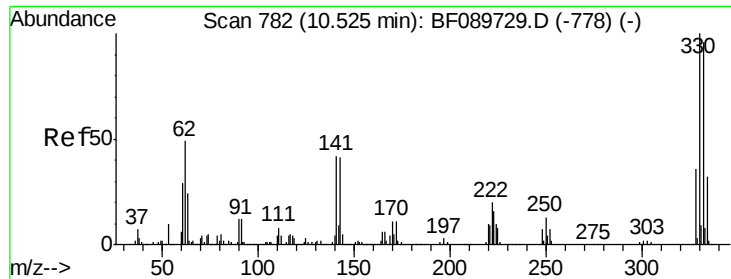
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089740.D
Acq: 17 Aug 2016 3:37

Tgt Ion:164 Resp: 1531553
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.2
160 49.2 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

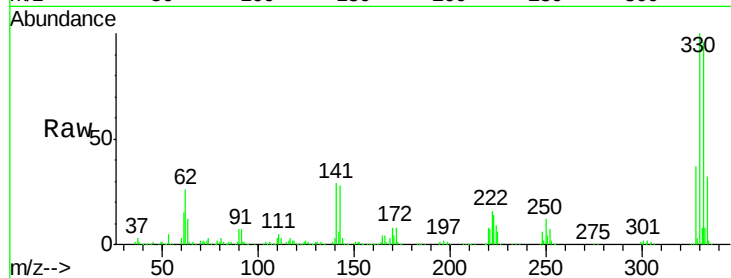




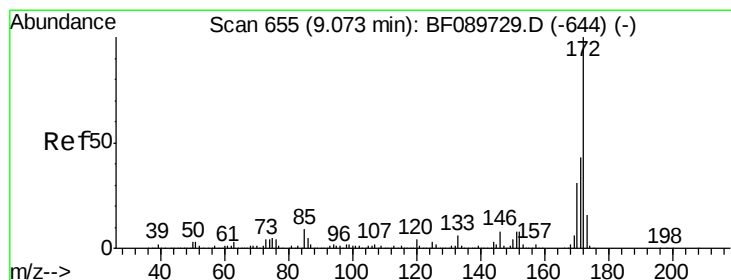
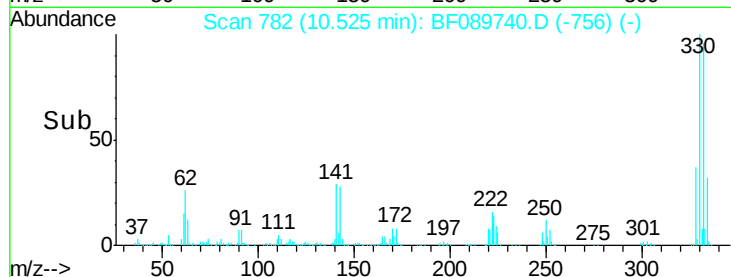
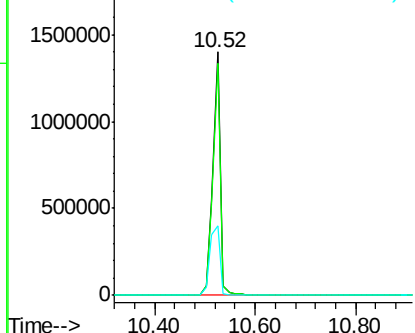
#41
 2,4,6-Tribromophenol
 Concen: 98.57 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089740.D
 Acq: 17 Aug 2016 3:37

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BL

Tot Ion:330 Resp: 1460406
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.7 115.1
 141 39.2 30.2 45.2

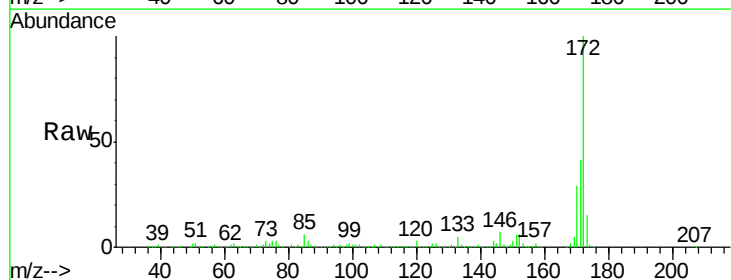


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

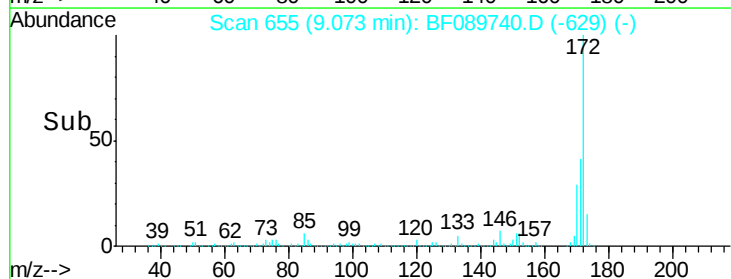
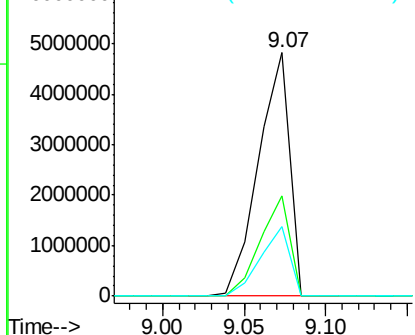


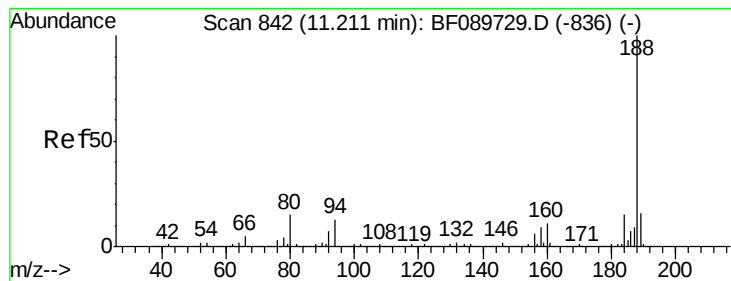
#44
 2-Fluorobiphenyl
 Concen: 66.88 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089740.D
 Acq: 17 Aug 2016 3:37

Tgt Ion:172 Resp: 6383140
 Ion Ratio Lower Upper
 172 100
 171 41.0 30.5 45.7
 170 28.6 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: BF089740.D

Acq: 17 Aug 2016 3:37

Instrument :

BNA_F

ClientSampleId :

PB92811BL

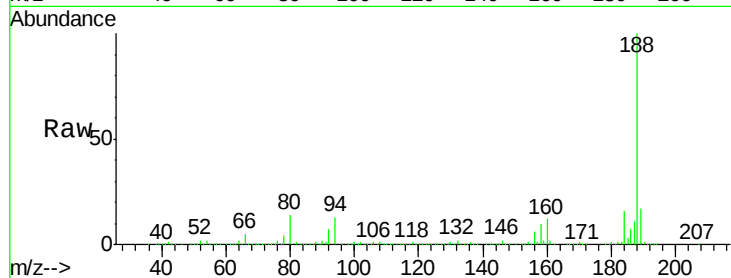
Tot Ion:188 Resp: 2685902

Ion Ratio Lower Upper

188 100

94 13.1 10.2 15.2

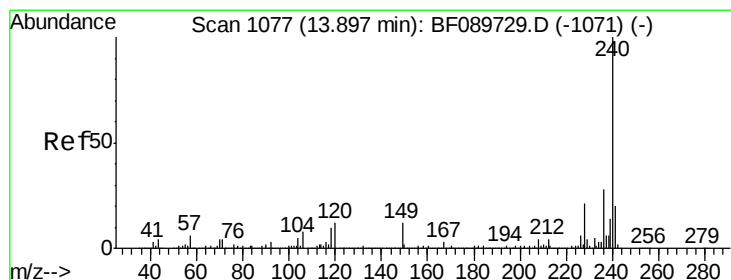
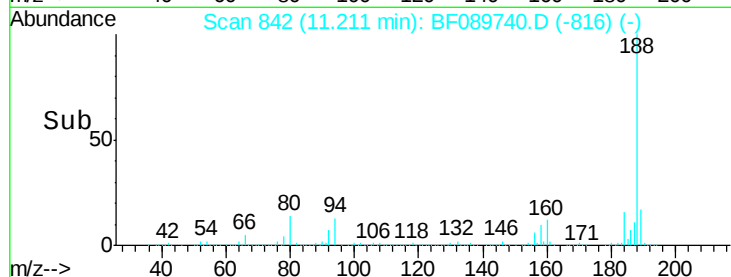
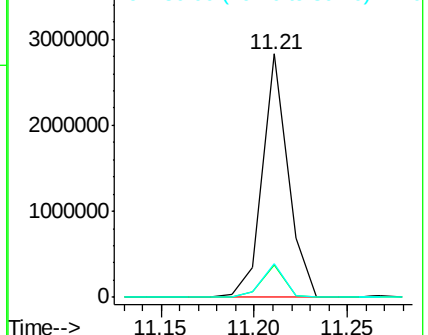
80 13.7 10.9 16.3



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: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF089740.D

Acq: 17 Aug 2016 3:37

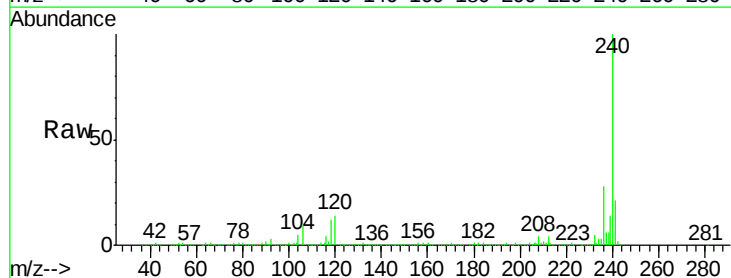
Tgt Ion:240 Resp: 2405822

Ion Ratio Lower Upper

240 100

120 14.2 8.3 12.5#

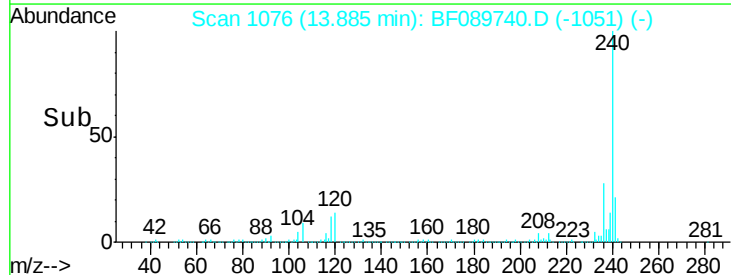
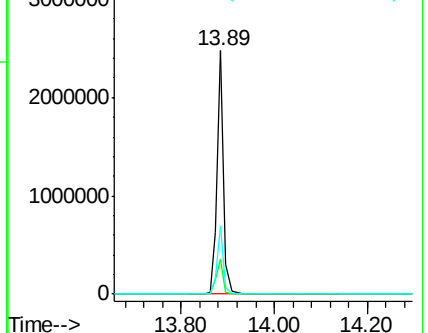
236 28.2 21.3 31.9

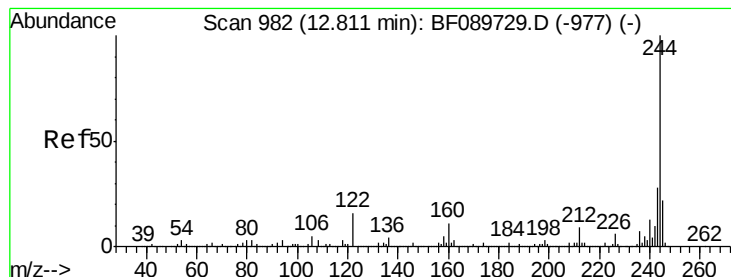


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.86 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089740.D

Acq: 17 Aug 2016 3:37

Instrument :

BNA_F

ClientSampled :

PB92811BL

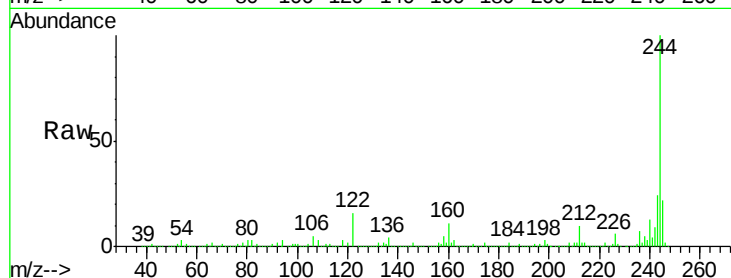
Tot Ion:244 Resp: 4981500

Ion Ratio Lower Upper

244 100

212 9.5 6.3 9.5#

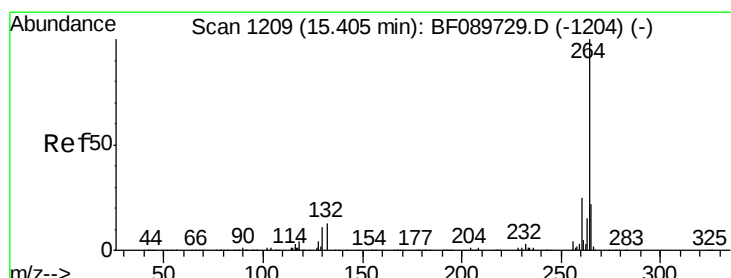
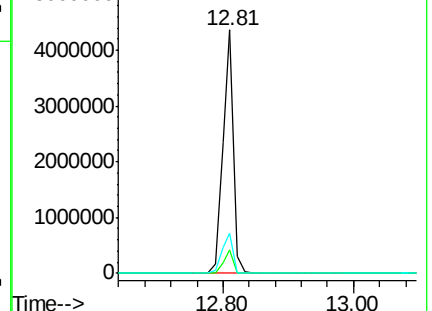
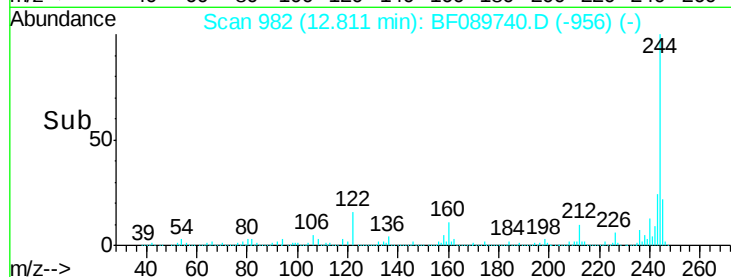
122 16.3 12.0 18.0



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: 15.38 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF089740.D

Acq: 17 Aug 2016 3:37

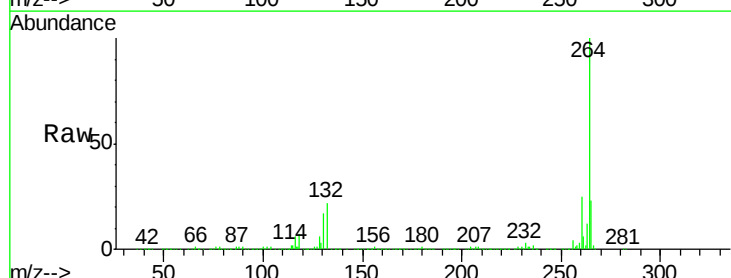
Tgt Ion:264 Resp: 2028005

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 22.7 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

