

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
 Data File : BF089736.D
 Acq On : 17 Aug 2016 1:51
 Operator : UM/SJ
 Sample : PB92806BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BL

Quant Time: Aug 17 04:33:24 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	799250	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	3338650	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1589316	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2792507	20.00	ng	0.00
75) Chrysene-d12	13.86	240	2558125	20.00	ng	-0.03
86) Perylene-d12	15.34	264	2123046	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	5069360	105.83	ng	0.01
7) Phenol-d6	6.34	99	6851867	112.46	ng	0.01
23) Nitrobenzene-d5	7.27	82	4206556	76.94	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1552321	100.96	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6978309	70.45	ng	0.00
78) Terphenyl-d14	12.81	244	5685128	66.39	ng	0.00

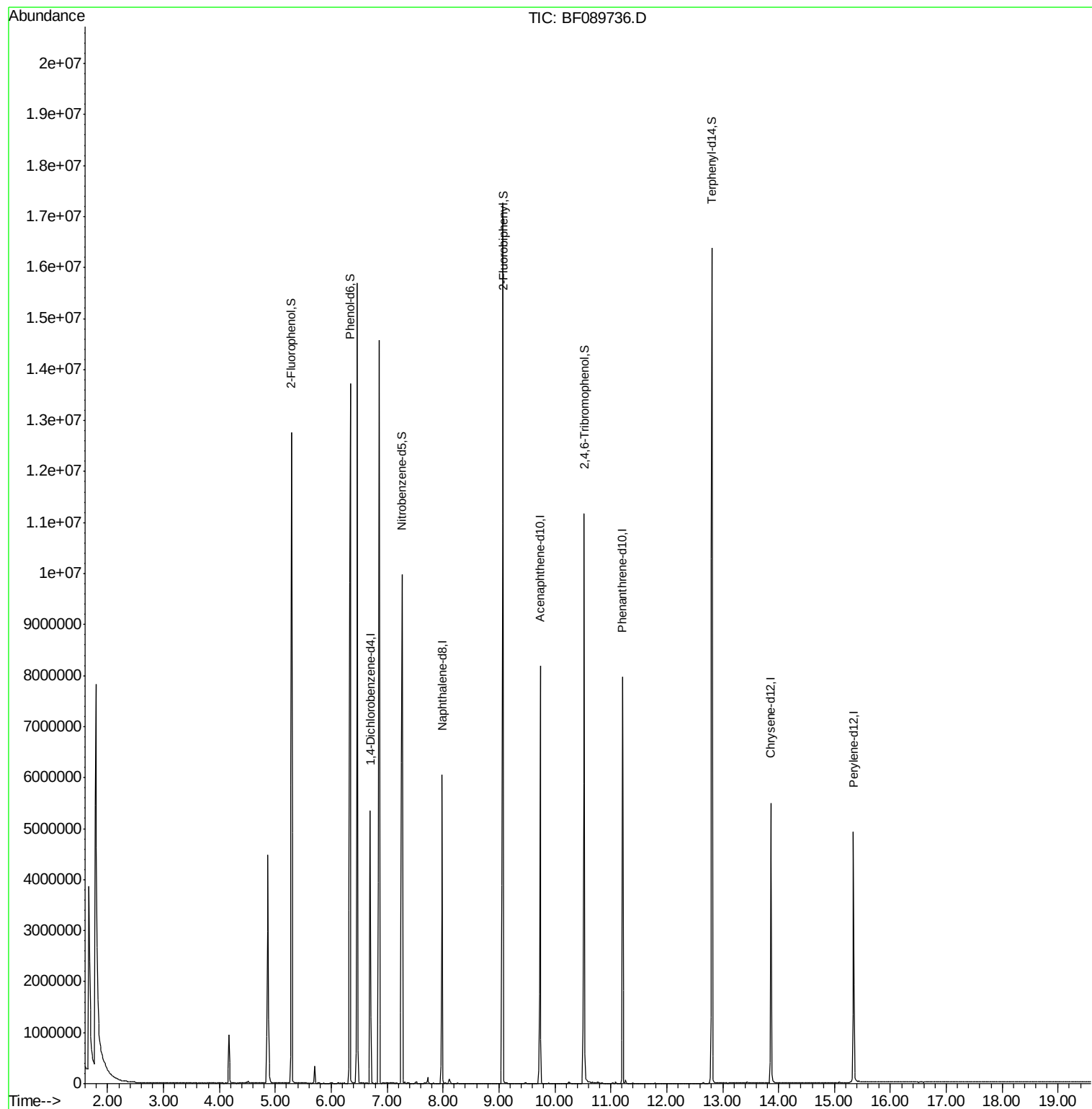
Target Compounds	Qvalue
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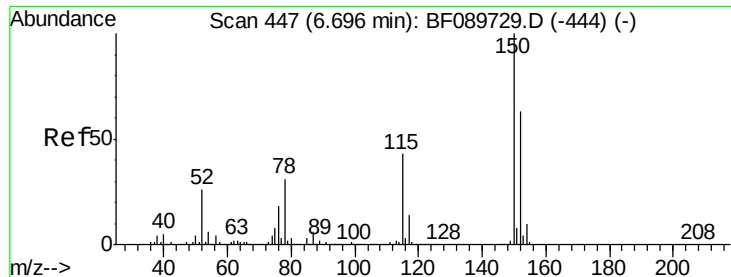
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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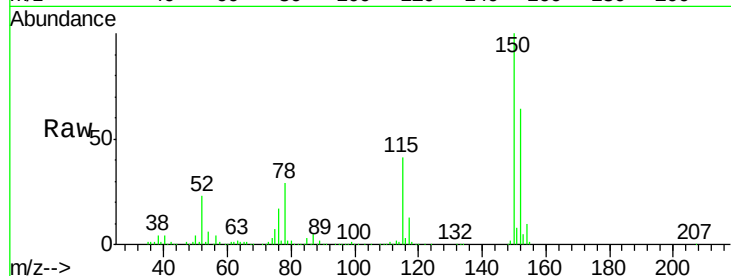


#1

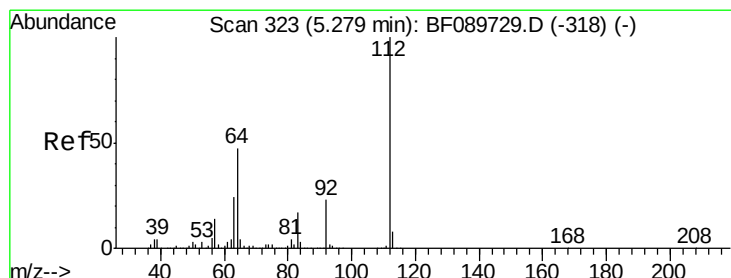
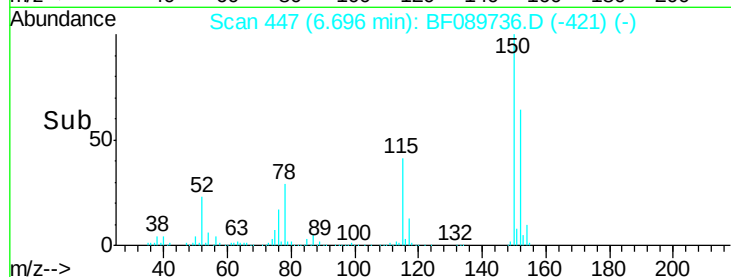
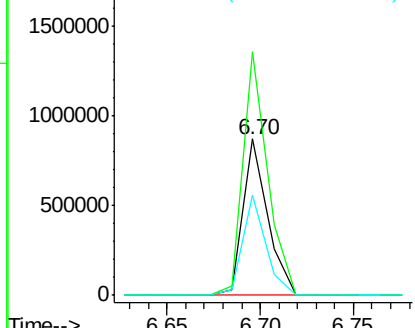
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089736.D
Acq: 17 Aug 2016 1:51

Instrument :
BNA_F
ClientSampleId :
PB92806BL

Tgt Ion:152 Resp: 799250
Ion Ratio Lower Upper
152 100
150 155.8 125.3 187.9
115 64.2 40.9 61.3#



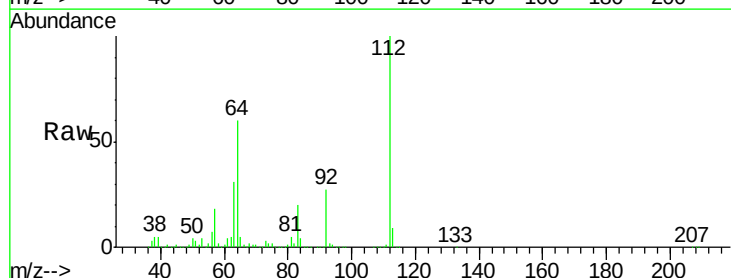
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



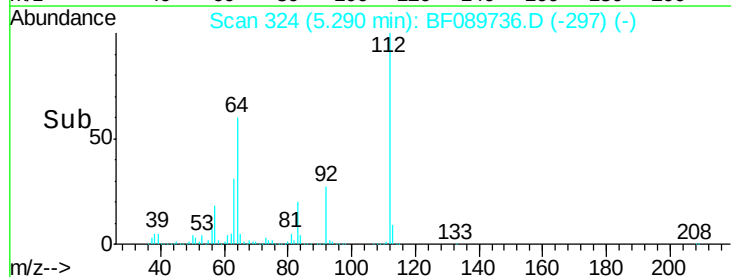
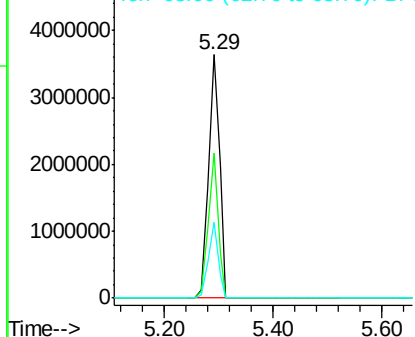
#5

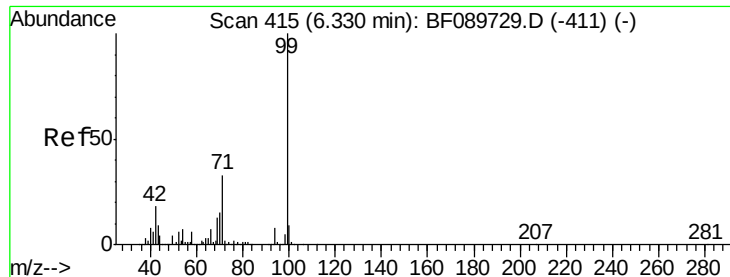
2-Fluorophenol
Concen: 105.83 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF089736.D
Acq: 17 Aug 2016 1:51

Tgt Ion:112 Resp: 5069360
Ion Ratio Lower Upper
112 100
64 59.5 45.0 67.4
63 31.0 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: 112.46 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089736.D

Acq: 17 Aug 2016 1:51

Instrument :

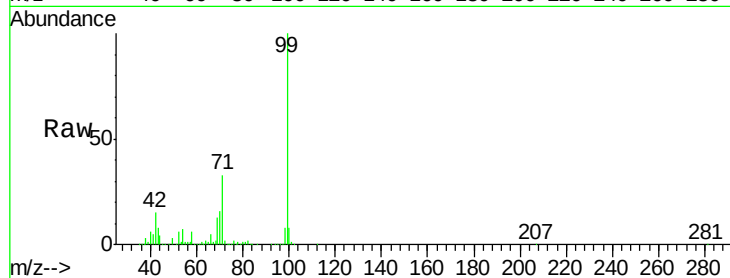
BNA_F

ClientSampleId :

PB92806BL

Tgt Ion: 99 Resp: 6851867

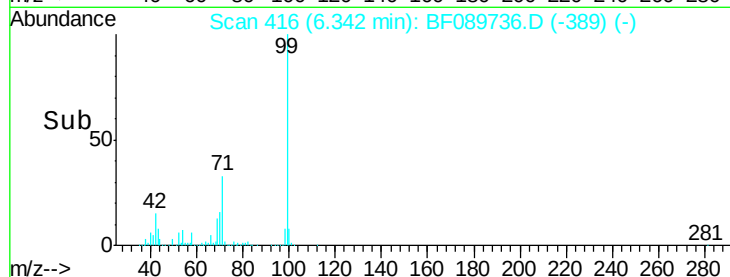
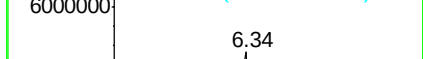
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.2	18.4
71	33.4	23.8	35.8



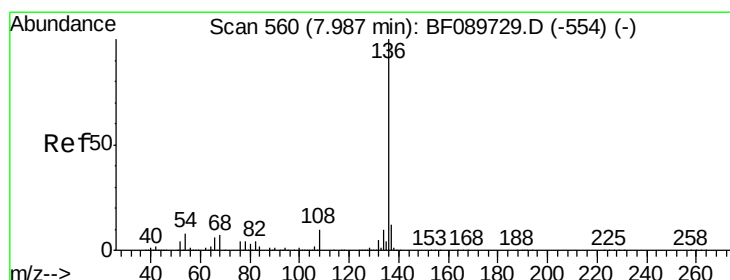
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

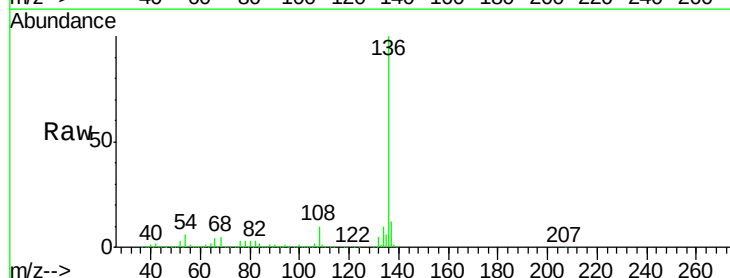
Delta R.T. 0.00 min

Lab File: BF089736.D

Acq: 17 Aug 2016 1:51

Tgt Ion: 136 Resp: 3338650

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	5.9	7.2	10.8#
68	5.5	5.8	8.8#

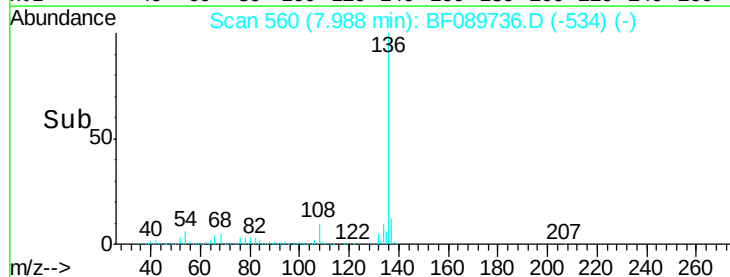
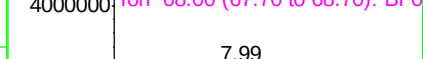


Abundance Ion 136.00 (135.70 to 136.70): E

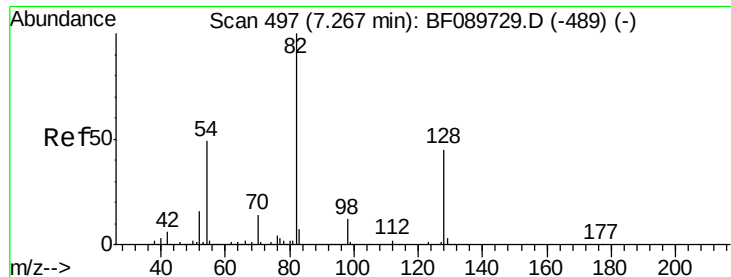
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



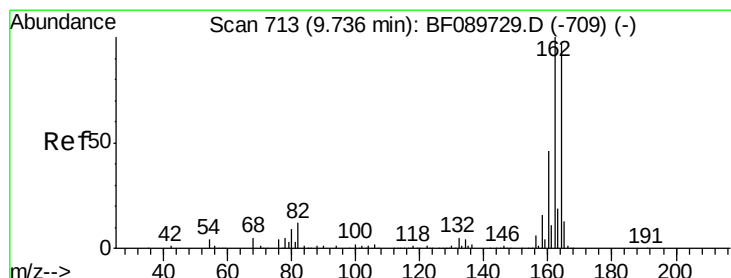
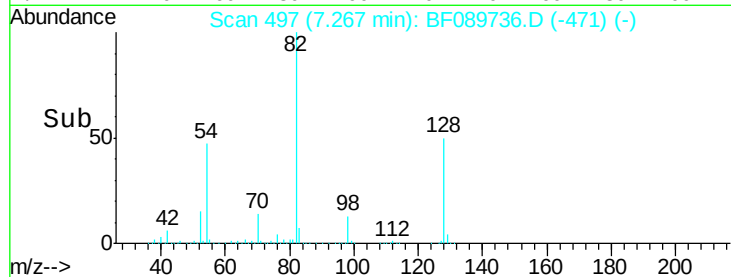
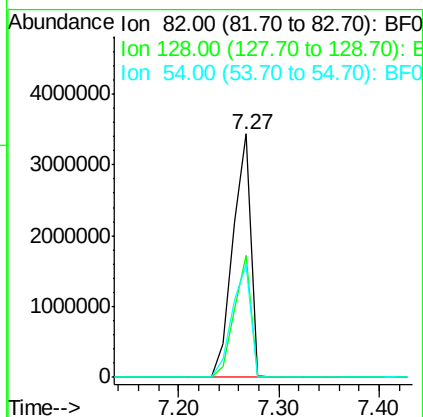
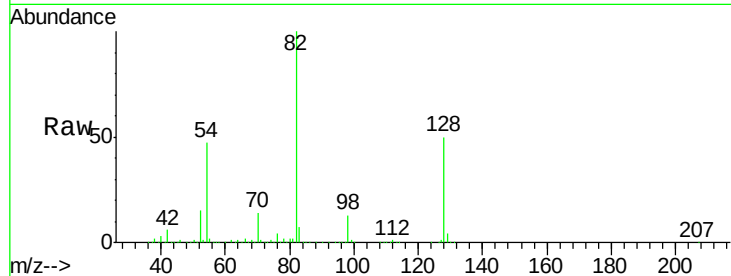
Time-->



#23
 Nitrobenzene-d5
 Concen: 76.94 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089736.D
 Acq: 17 Aug 2016 1:51

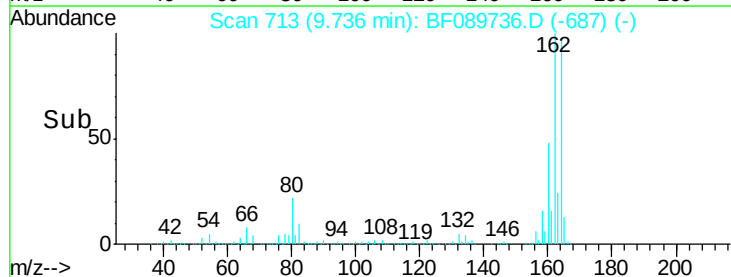
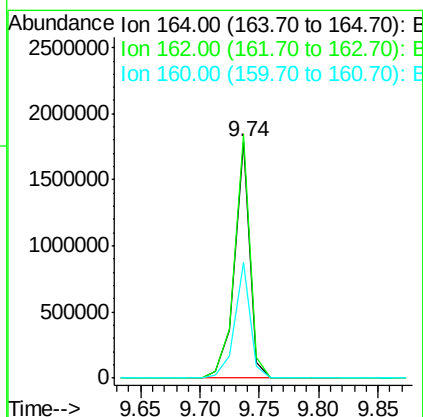
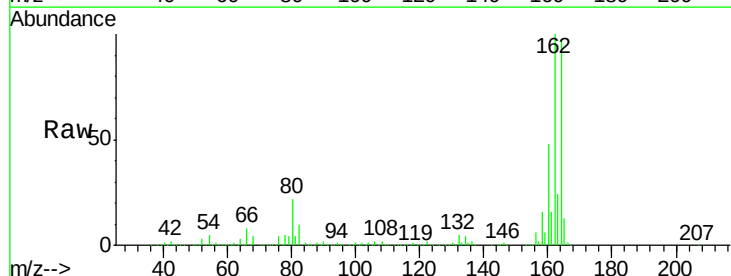
Instrument :
 BNA_F
 ClientSampleId :
 PB92806BL

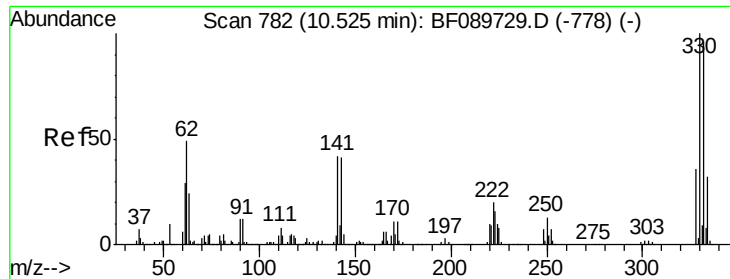
Tgt Ion: 82 Resp: 4206556
 Ion Ratio Lower Upper
 82 100
 128 49.9 34.4 51.6
 54 46.7 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089736.D
 Acq: 17 Aug 2016 1:51

Tgt Ion: 164 Resp: 1589316
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.4 122.2
 160 49.1 37.8 56.6

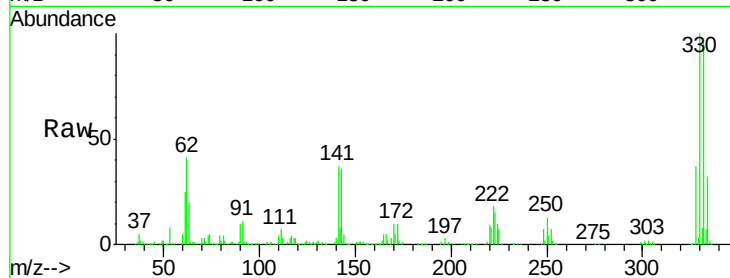




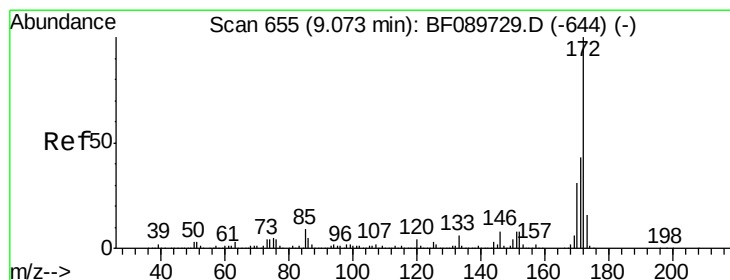
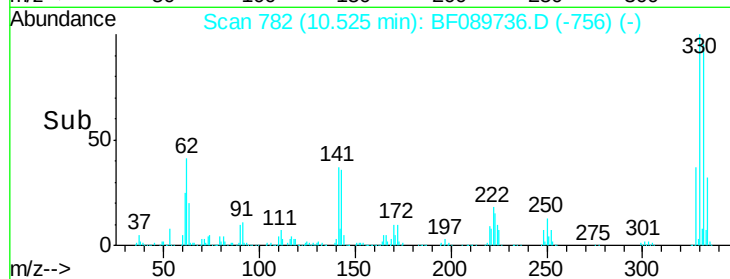
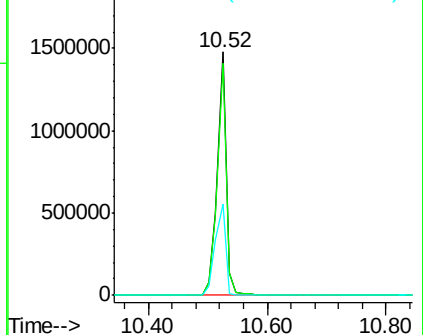
#41
 2,4,6-Tribromophenol
 Concen: 100.96 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089736.D
 Acq: 17 Aug 2016 1:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BL

Tgt Ion:330 Resp: 1552321
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.7 115.1
 141 43.7 30.2 45.2

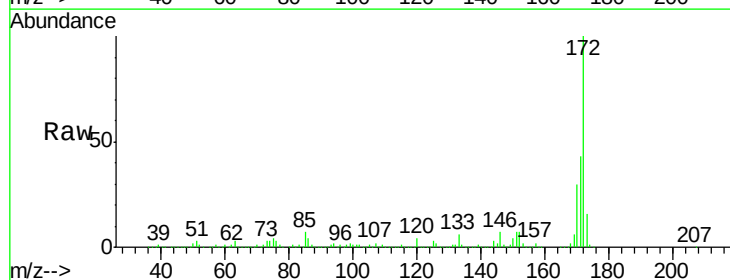


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

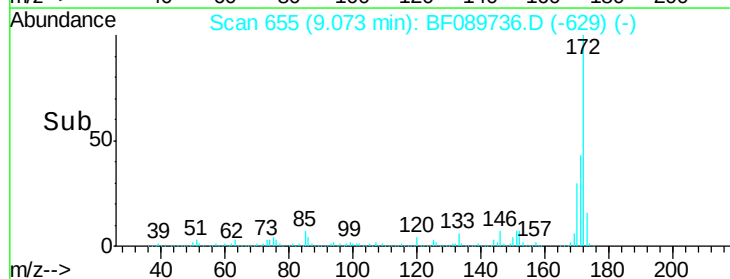
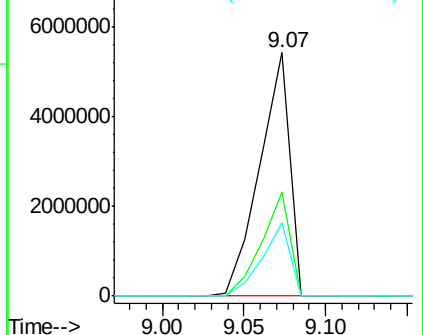


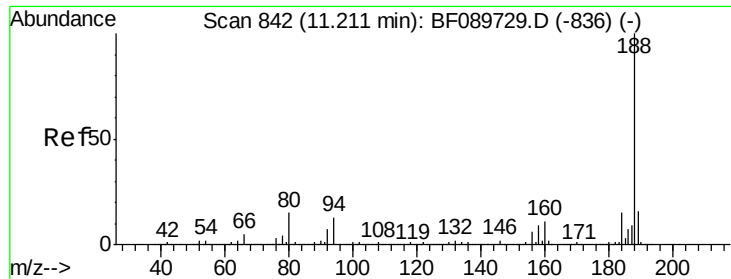
#44
 2-Fluorobiphenyl
 Concen: 70.45 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089736.D
 Acq: 17 Aug 2016 1:51

Tgt Ion:172 Resp: 6978309
 Ion Ratio Lower Upper
 172 100
 171 42.6 30.5 45.7
 170 30.2 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

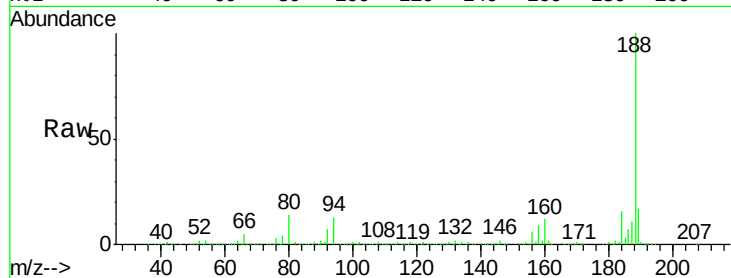




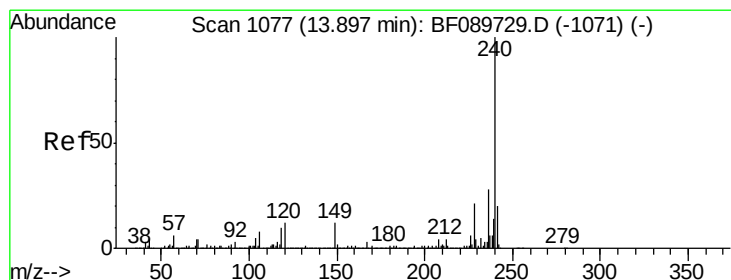
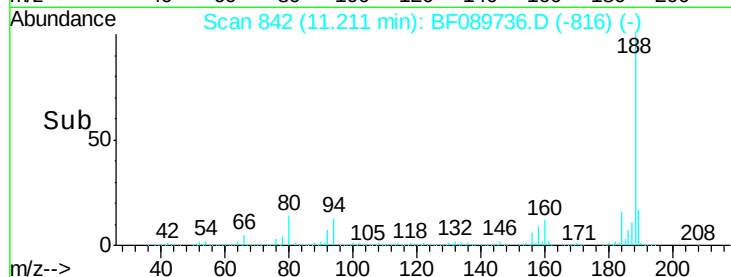
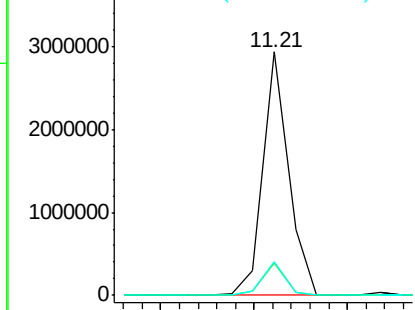
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF089736.D
Acq: 17 Aug 2016 1:51

Instrument :
BNA_F
ClientSampleId :
PB92806BL

Tgt Ion:188 Resp: 2792507
Ion Ratio Lower Upper
188 100
94 13.1 10.2 15.2
80 13.9 10.9 16.3

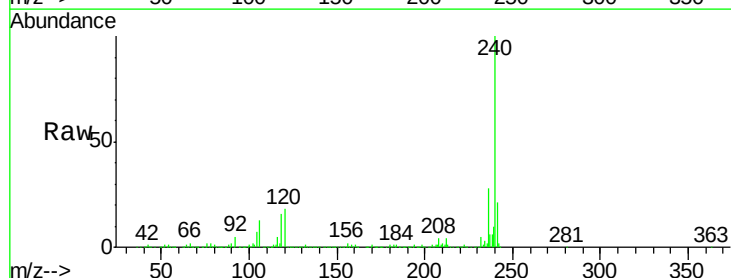


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

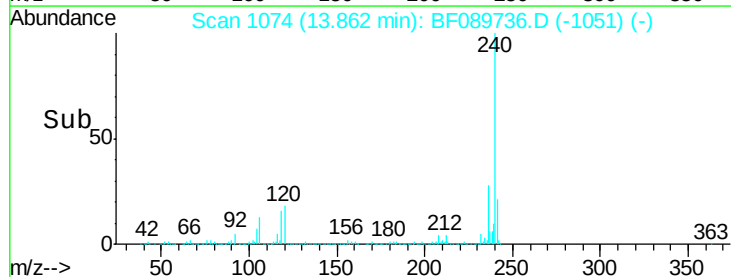
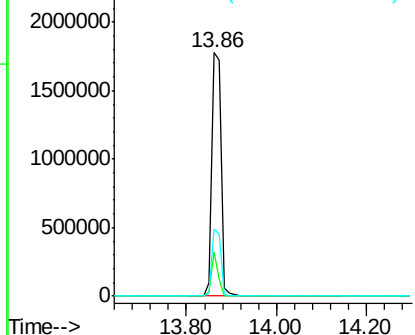


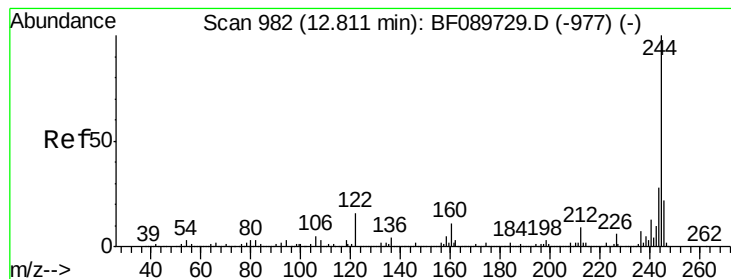
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.03 min
Lab File: BF089736.D
Acq: 17 Aug 2016 1:51

Tgt Ion:240 Resp: 2558125
Ion Ratio Lower Upper
240 100
120 18.2 8.3 12.5#
236 27.6 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: 66.39 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089736.D

Acq: 17 Aug 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PB92806BL

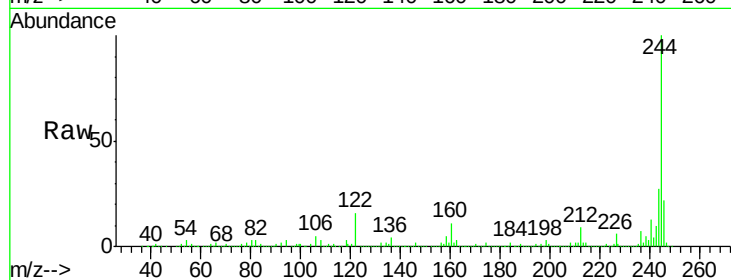
Tgt Ion:244 Resp: 5685128

Ion Ratio Lower Upper

244 100

212 9.5 6.3 9.5

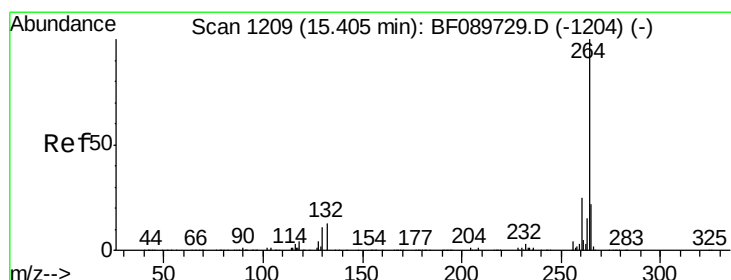
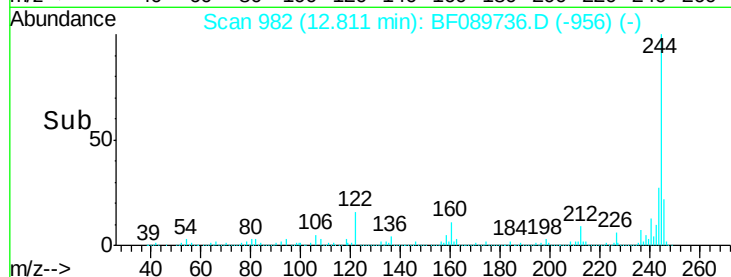
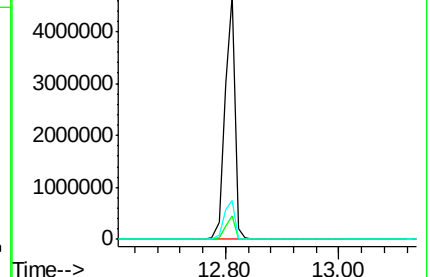
122 15.7 12.0 18.0



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: 15.34 min Scan# 1203

Delta R.T. -0.07 min

Lab File: BF089736.D

Acq: 17 Aug 2016 1:51

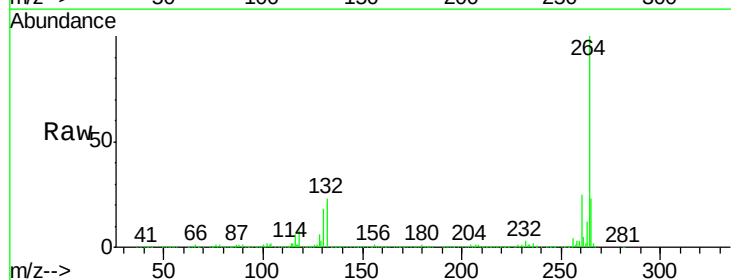
Tgt Ion:264 Resp: 2123046

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

265 22.5 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

