

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086139.D
 Acq On : 7 Apr 2016 19:36
 Operator : UM/SJ
 Sample : H2230-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-040116

Quant Time: Apr 08 03:18:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	101591	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	405368	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	183036	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	371529	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	280670	20.00	ng	-0.03
86) Perylene-d12	15.29	264	185548	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	439272	73.91	ng	-0.03
7) Phenol-d6	6.37	99	345407	45.75	ng	-0.05
23) Nitrobenzene-d5	7.31	82	724376	105.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	309312	180.05	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1175173	106.75	ng	-0.03
78) Terphenyl-d14	12.84	244	1084803	90.85	ng	-0.03

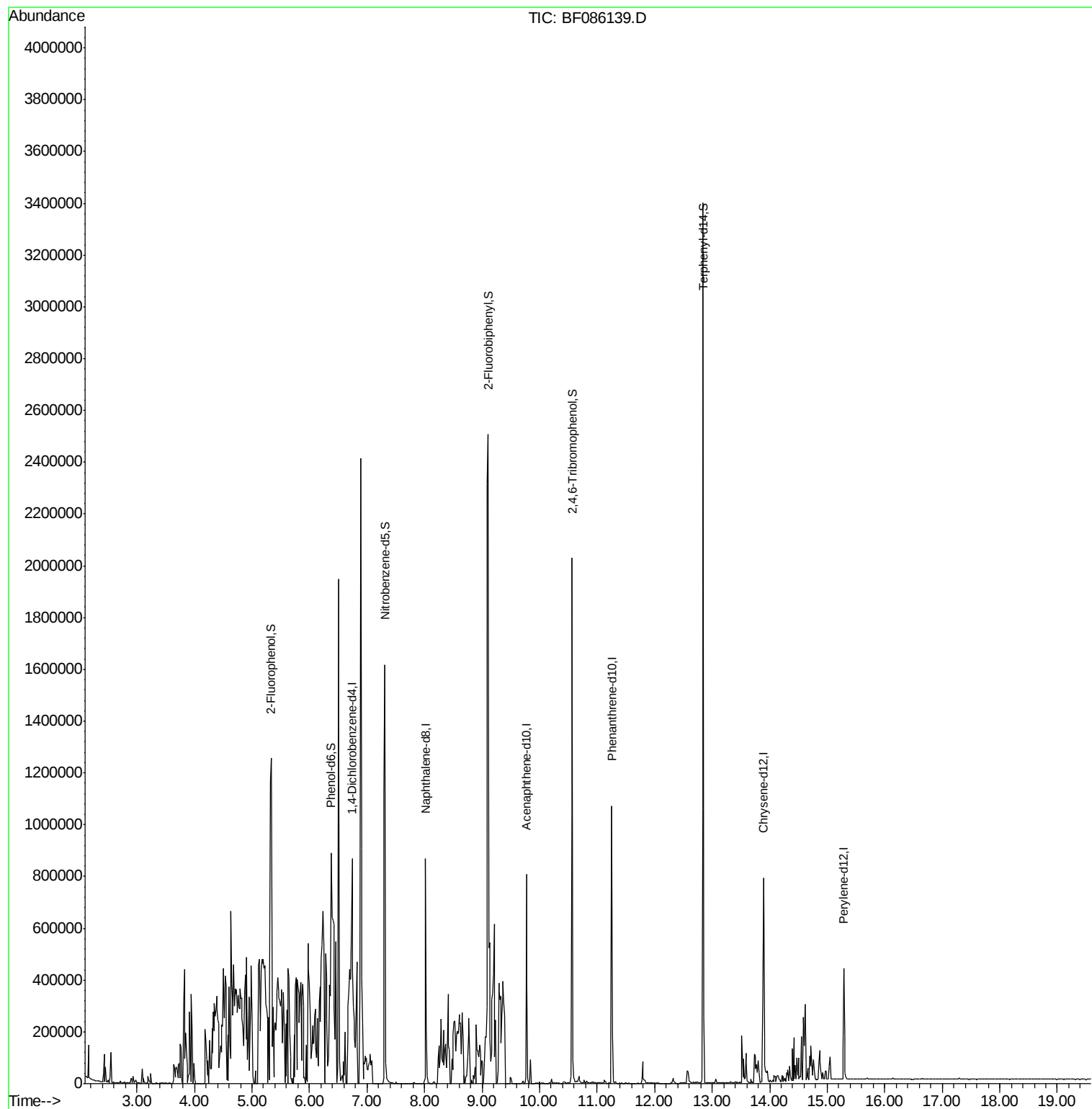
Target Compounds Qvalue

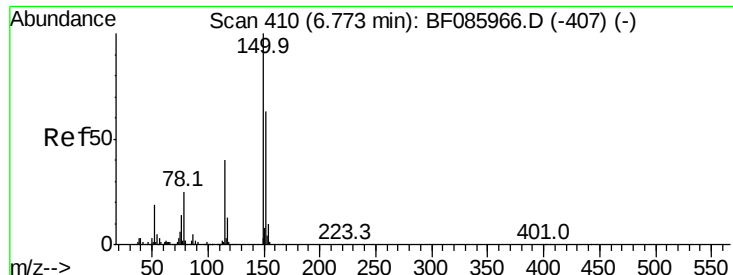
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086139.D
Acq On : 7 Apr 2016 19:36
Operator : UM/SJ
Sample : H2230-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8-040116

Quant Time: Apr 08 03:18:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086139.D

Acq: 7 Apr 2016 19:36

Instrument :

BNA_F

ClientSampleId :

MW-8-040116

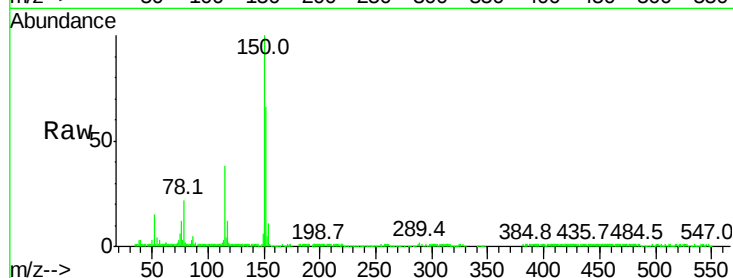
Tot Ion:152 Resp: 101591

Ion Ratio Lower Upper

152 100

150 151.3 124.2 186.2

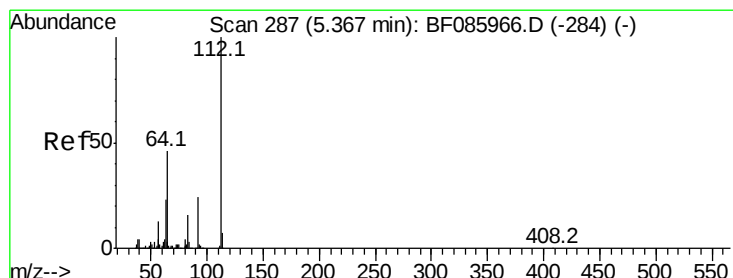
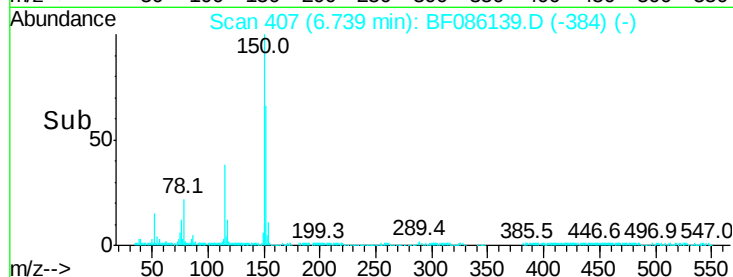
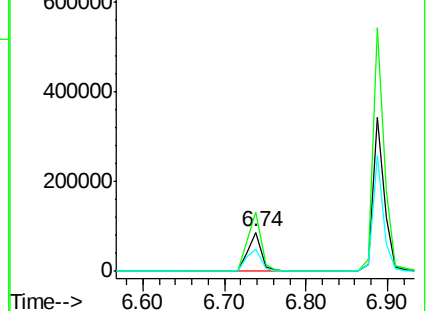
115 57.1 47.0 70.6



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: 73.91 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086139.D

Acq: 7 Apr 2016 19:36

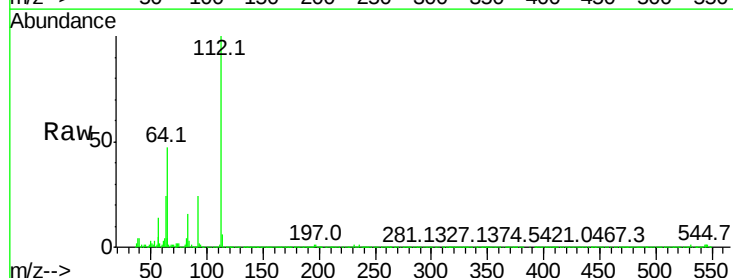
Tgt Ion:112 Resp: 439272

Ion Ratio Lower Upper

112 100

64 46.7 39.9 59.9

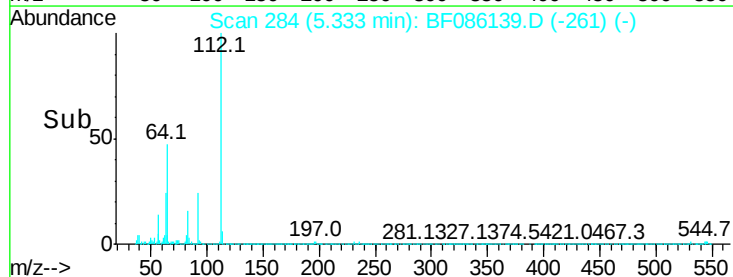
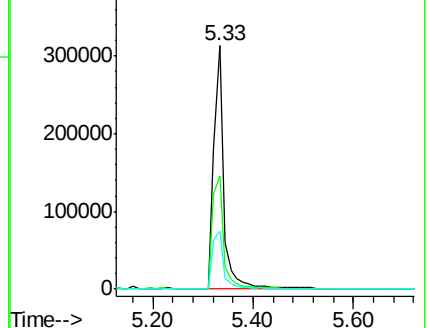
63 23.7 20.2 30.2

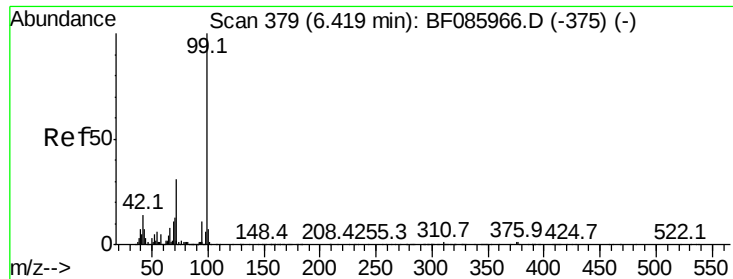


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.75 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086139.D

Acq: 7 Apr 2016 19:36

Instrument :

BNA_F

ClientSampleId :

MW-8-040116

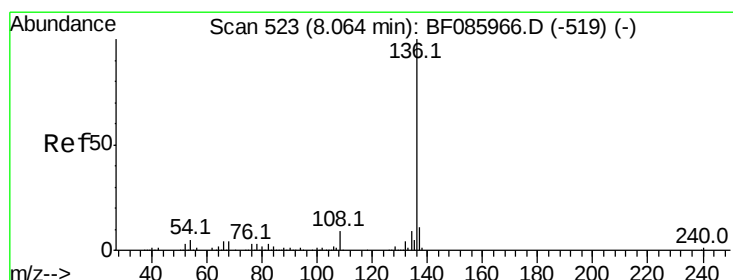
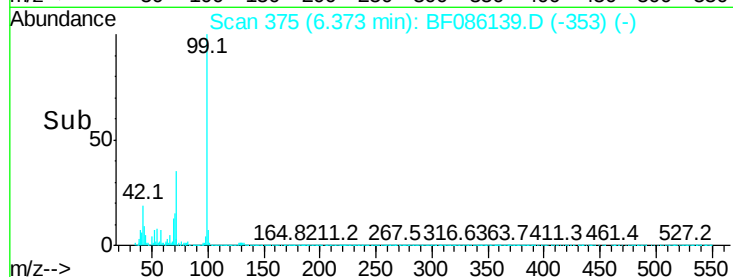
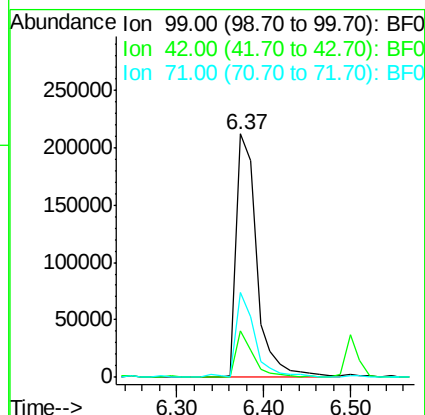
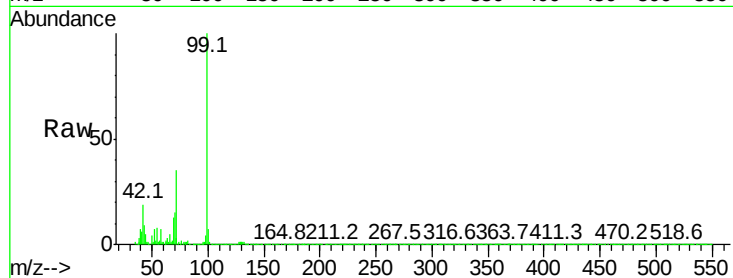
Tot Ion: 99 Resp: 345407

Ion Ratio Lower Upper

99 100

42 18.8 11.1 16.7#

71 35.0 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086139.D

Acq: 7 Apr 2016 19:36

Tgt Ion: 136 Resp: 405368

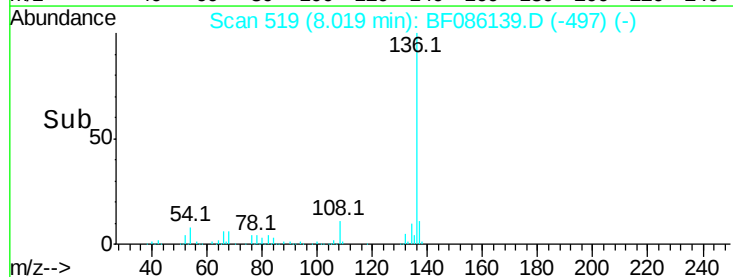
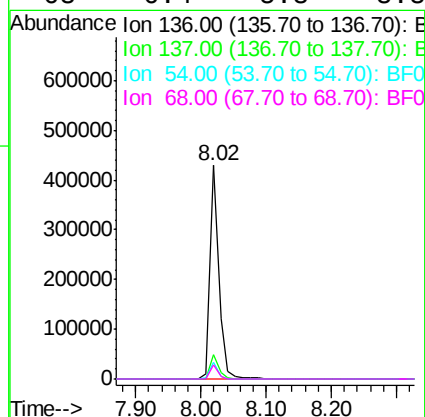
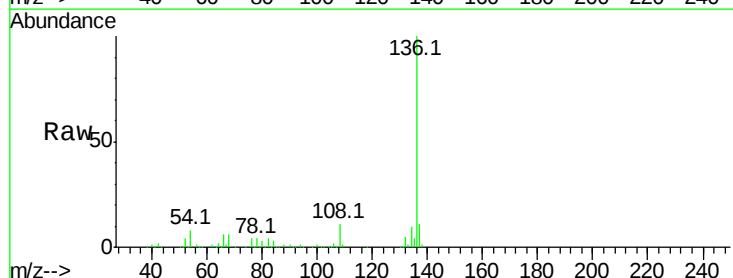
Ion Ratio Lower Upper

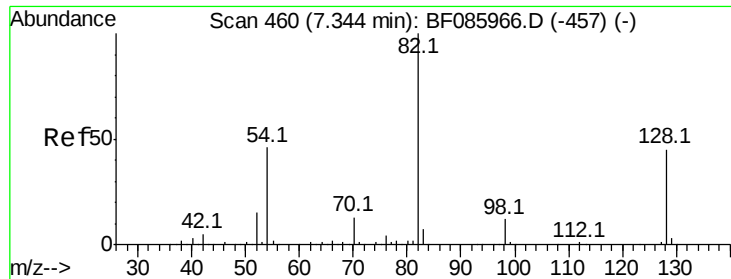
136 100

137 11.2 9.1 13.7

54 7.7 7.4 11.0

68 6.4 5.8 8.8

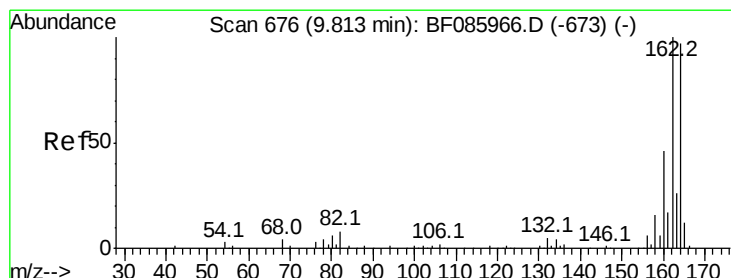
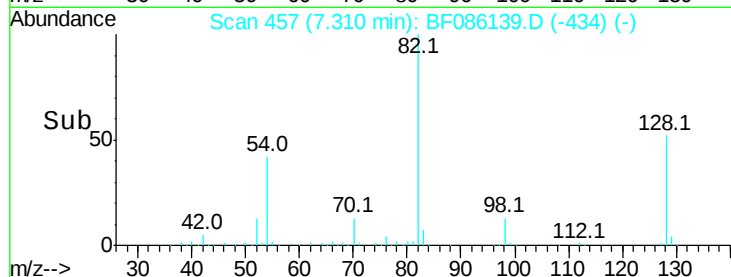
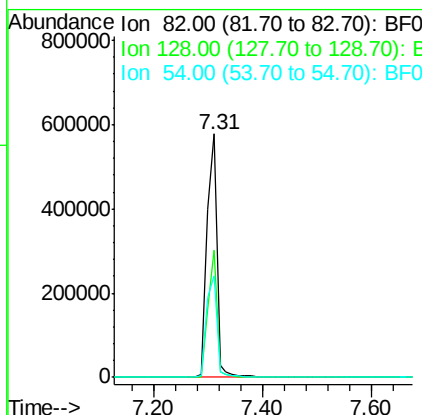
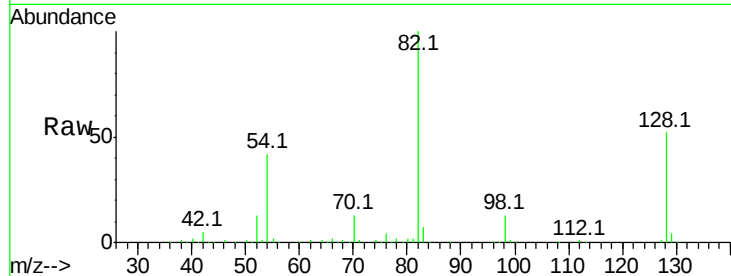




#23
 Nitrobenzene-d5
 Concen: 105.38 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086139.D
 Acq: 7 Apr 2016 19:36

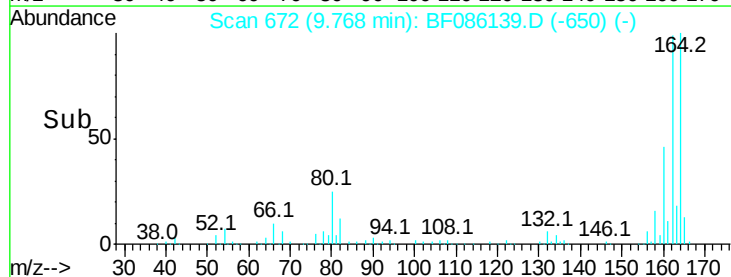
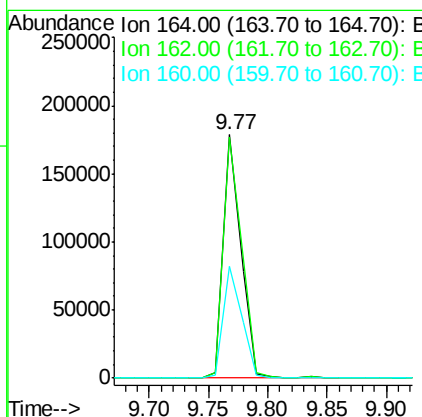
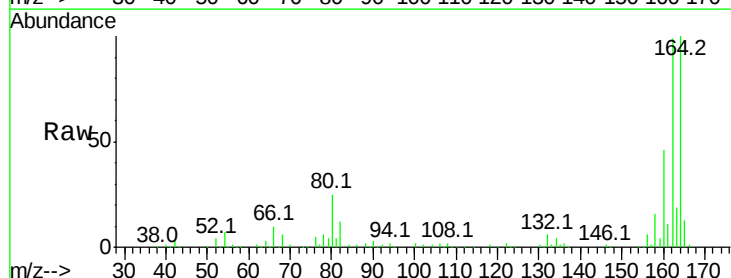
Instrument :
 BNA_F
 ClientSampleId :
 MW-8-040116

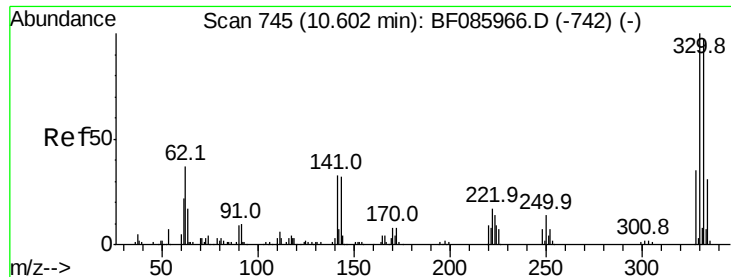
Tot Ion	82	Resp	724376
Ion Ratio	100		
Lower	41.8		
Upper	62.8		
54	41.6		50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086139.D
 Acq: 7 Apr 2016 19:36

Tgt Ion	164	Resp	183036
Ion Ratio	100		
Lower	82.1		
Upper	123.1		
162	99.2		56.2
160	45.8		

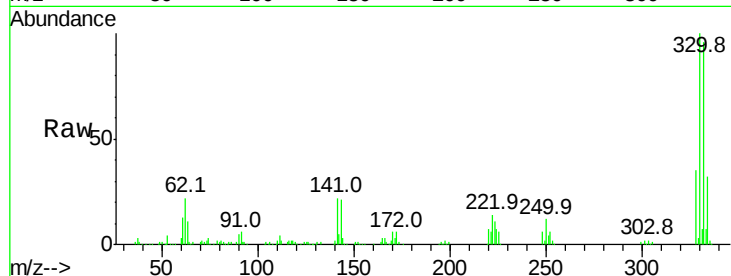




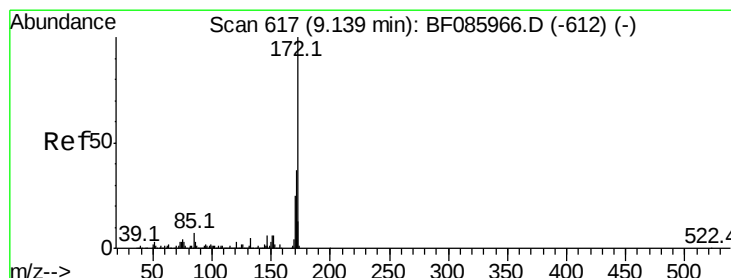
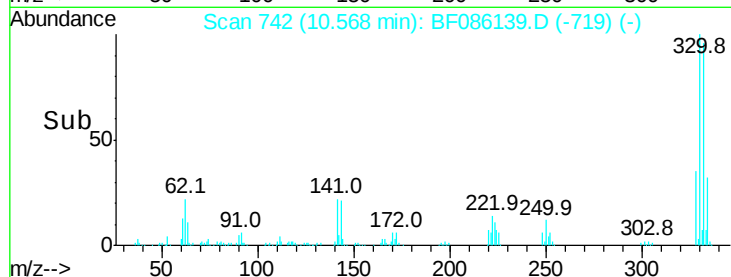
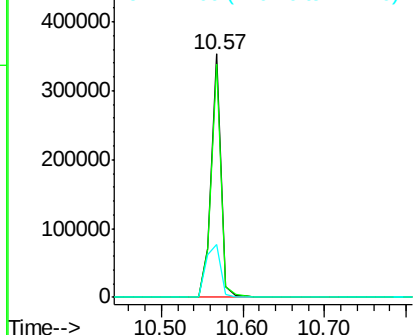
#41
 2,4,6-Tribromophenol
 Concen: 180.05 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086139.D
 Acq: 7 Apr 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-040116

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	32.5	31.5	47.3

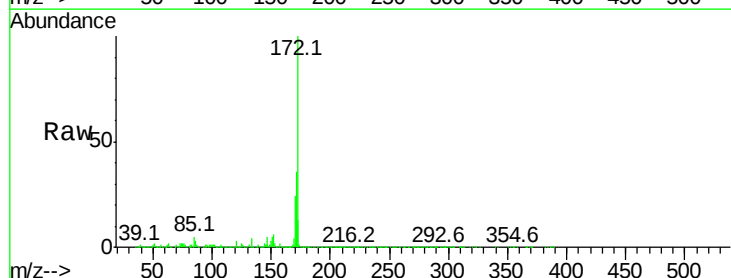


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

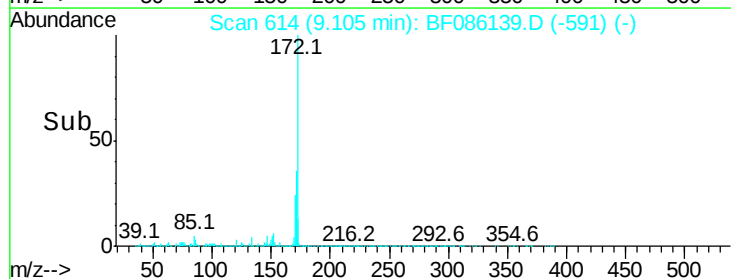
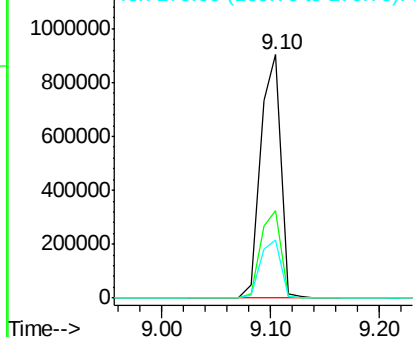


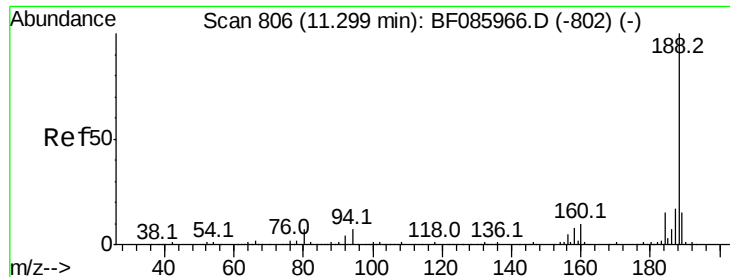
#44
 2-Fluorobiphenyl
 Concen: 106.75 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086139.D
 Acq: 7 Apr 2016 19:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	23.9	19.8	29.6



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

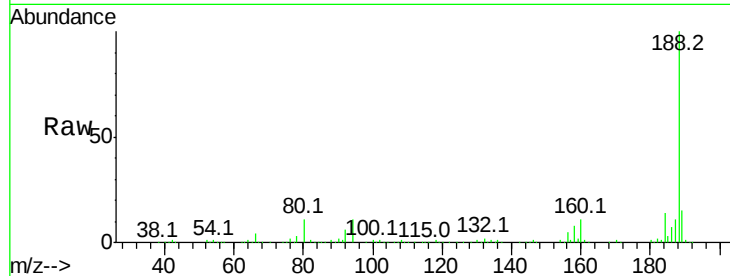




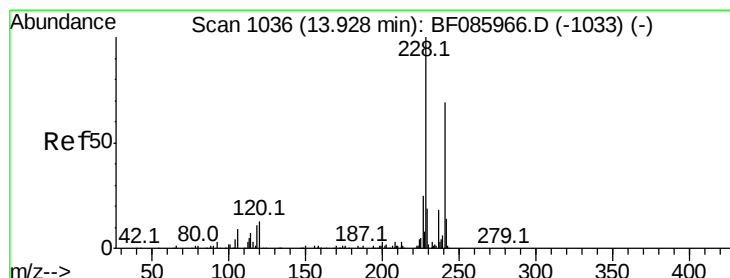
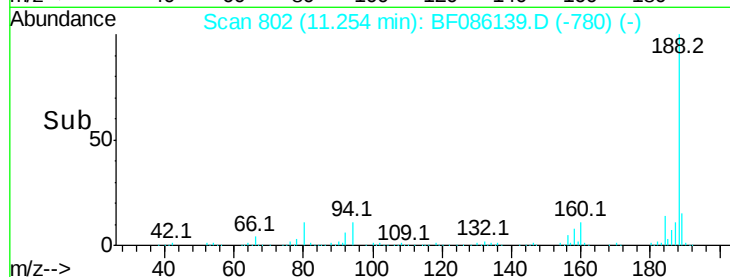
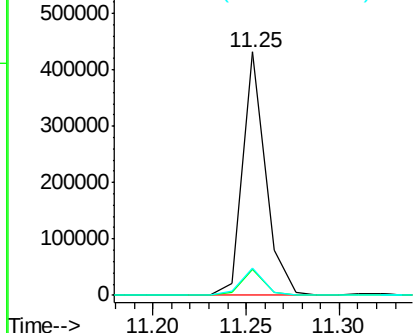
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086139.D
Acq: 7 Apr 2016 19:36

Instrument :
BNA_F
ClientSampleId :
MW-8-040116

Tot Ion:188 Resp: 371529
Ion Ratio Lower Upper
188 100
94 10.7 5.4 8.0#
80 11.3 5.5 8.3#

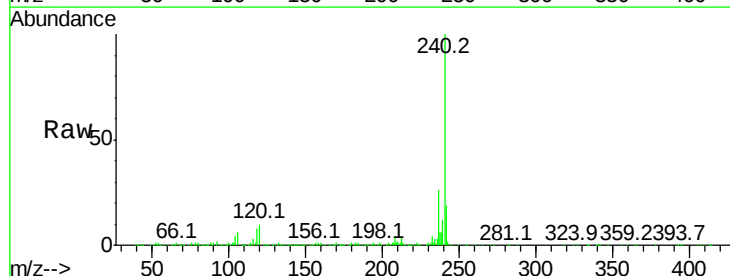


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

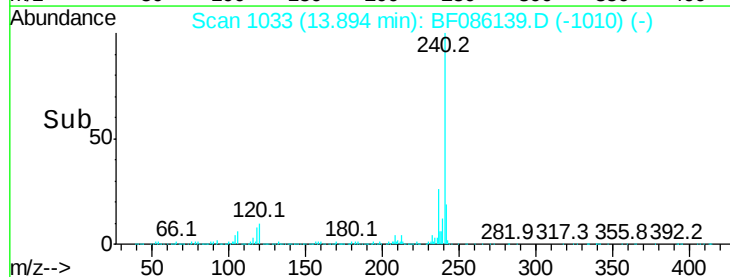
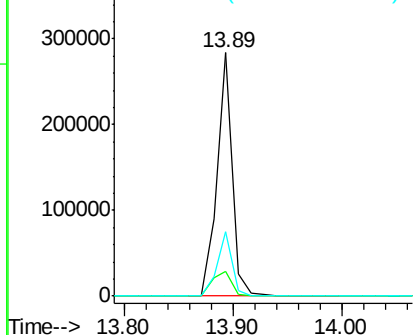


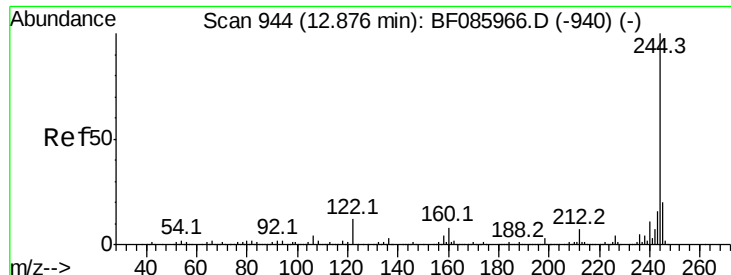
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086139.D
Acq: 7 Apr 2016 19:36

Tgt Ion:240 Resp: 280670
Ion Ratio Lower Upper
240 100
120 9.9 13.8 20.8#
236 26.3 20.6 30.8



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: 90.85 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086139.D

Acq: 7 Apr 2016 19:36

Instrument :

BNA_F

ClientSampleId :

MW-8-040116

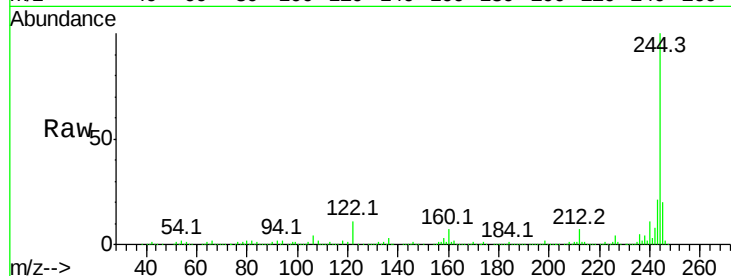
Tot Ion:244 Resp: 1084803

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

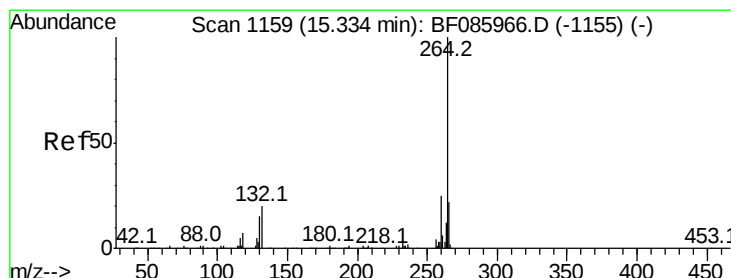
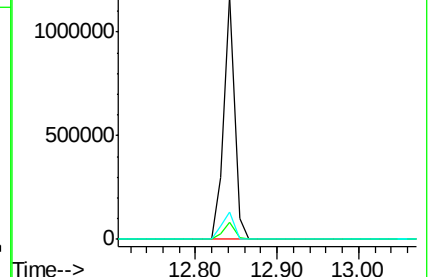
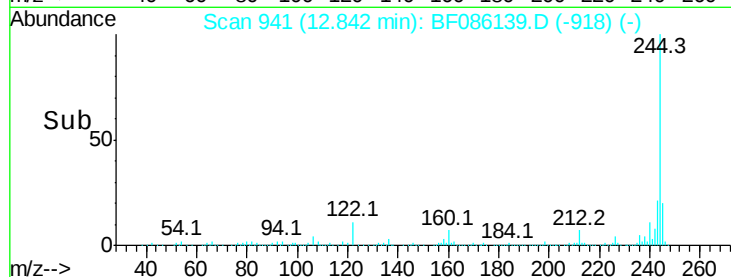
122 11.0 10.2 15.4



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: 15.29 min Scan# 1155

Delta R.T. -0.05 min

Lab File: BF086139.D

Acq: 7 Apr 2016 19:36

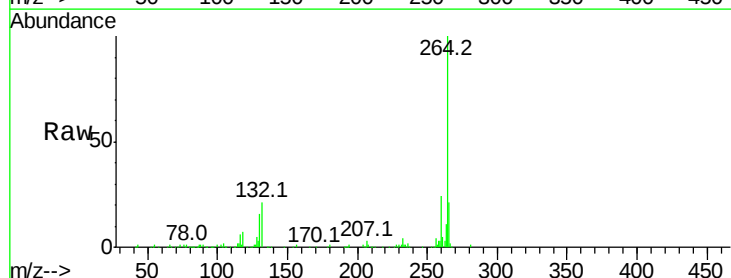
Tgt Ion:264 Resp: 185548

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.4 17.2 25.8



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

