

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086140.D
 Acq On : 7 Apr 2016 20:05
 Operator : UM/SJ
 Sample : H2230-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-040116

Quant Time: Apr 08 03:22:18 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	105165	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	431834	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	193881	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	395248	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	300089	20.00	ng	-0.03
86) Perylene-d12	15.29	264	206783	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	456325	74.17	ng	-0.03
7) Phenol-d6	6.37	99	367219	46.99	ng	-0.05
23) Nitrobenzene-d5	7.31	82	783212	106.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	325425	178.83	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1276606	109.48	ng	-0.03
78) Terphenyl-d14	12.84	244	1118663	87.63	ng	-0.03

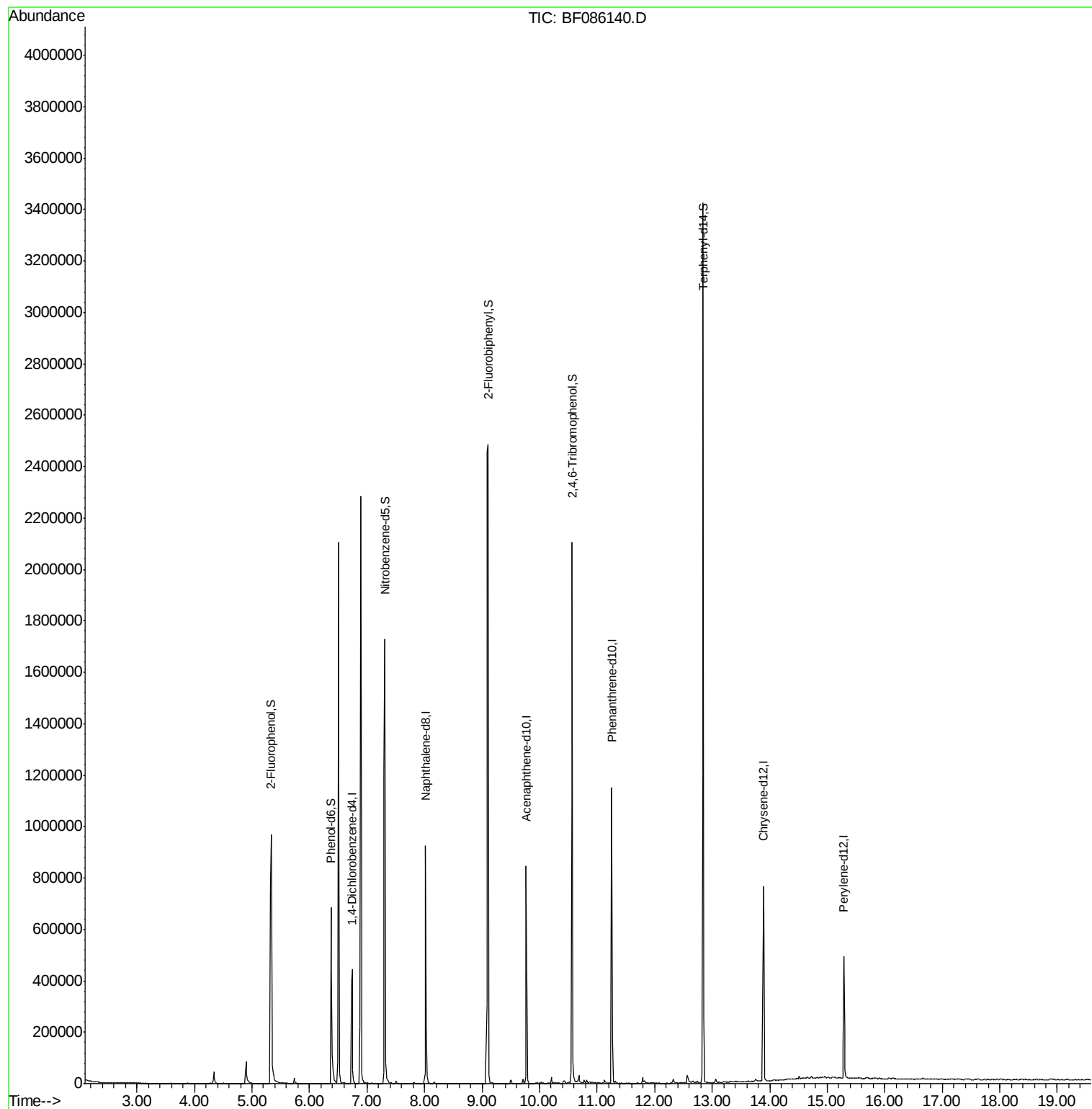
Target Compounds Qvalue

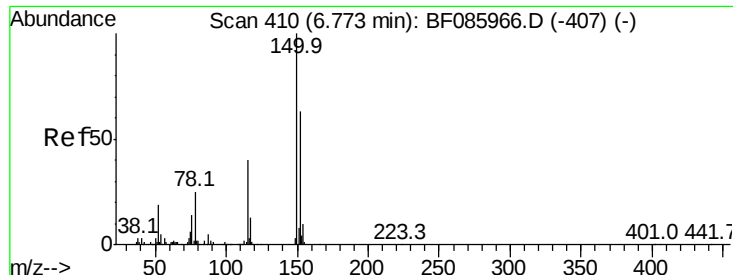
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086140.D

Acq: 7 Apr 2016 20:05

Instrument :

BNA_F

ClientSampleId :

MW-9-040116

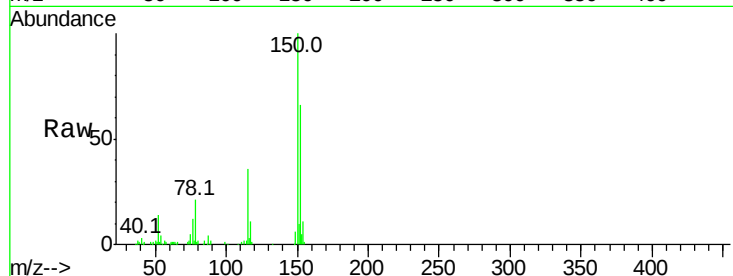
Tot Ion:152 Resp: 105165

Ion Ratio Lower Upper

152 100

150 152.4 124.2 186.2

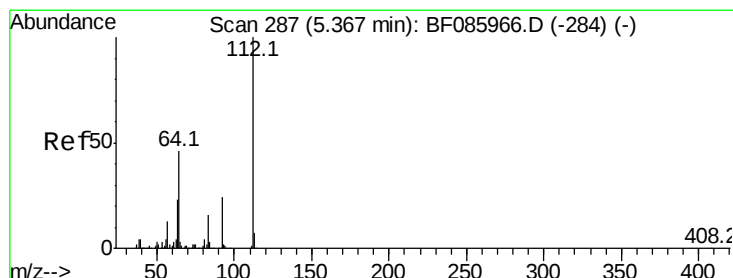
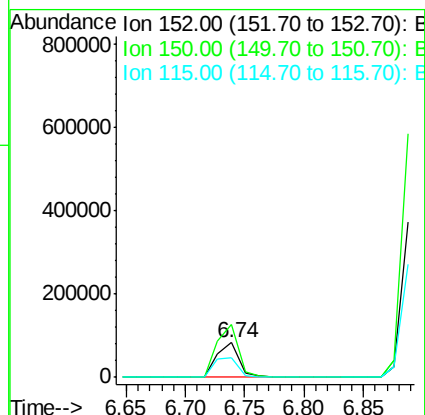
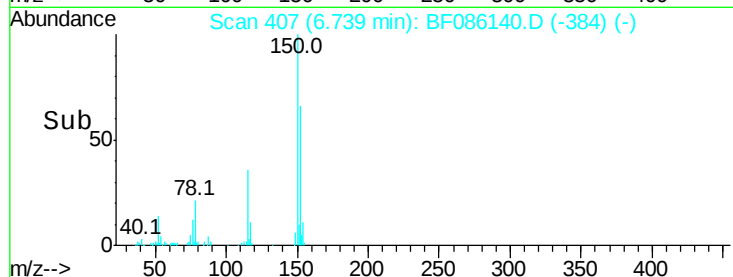
115 55.1 47.0 70.6



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: 74.17 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086140.D

Acq: 7 Apr 2016 20:05

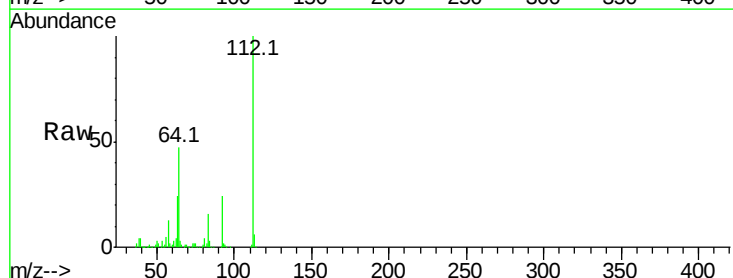
Tgt Ion:112 Resp: 456325

Ion Ratio Lower Upper

112 100

64 47.0 39.9 59.9

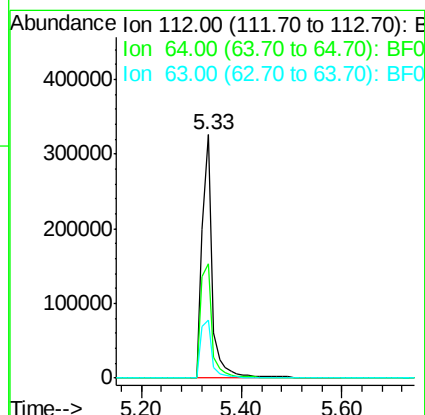
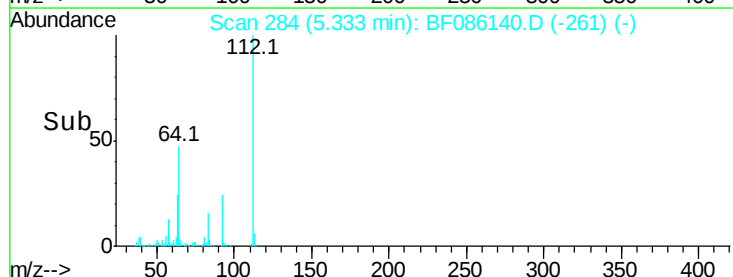
63 23.7 20.2 30.2



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: 46.99 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086140.D

Acq: 7 Apr 2016 20:05

Instrument :

BNA_F

ClientSampleId :

MW-9-040116

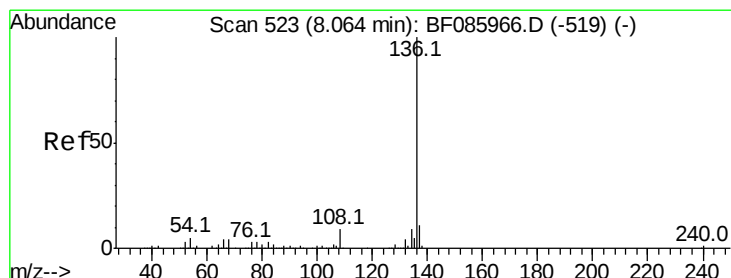
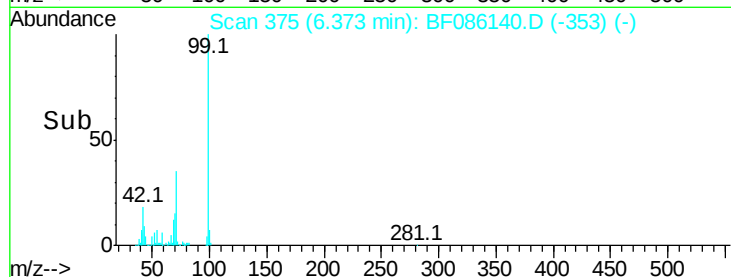
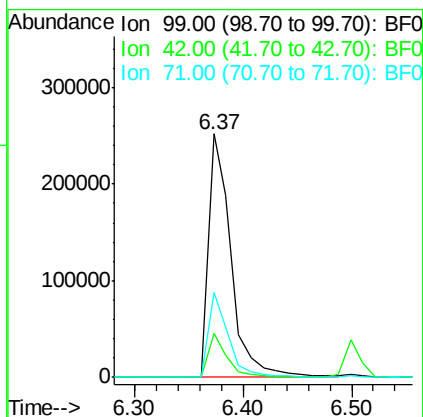
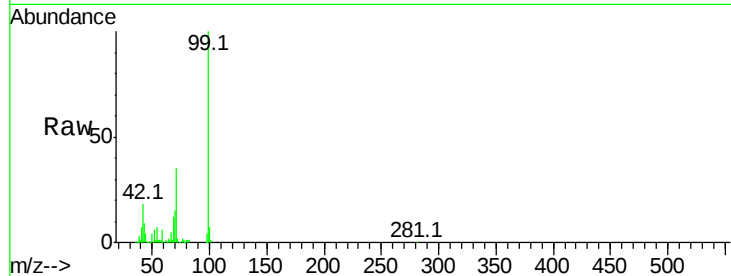
Tot Ion: 99 Resp: 367219

Ion Ratio Lower Upper

99 100

42 17.9 11.1 16.7#

71 34.6 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: BF086140.D

Acq: 7 Apr 2016 20:05

Tgt Ion: 136 Resp: 431834

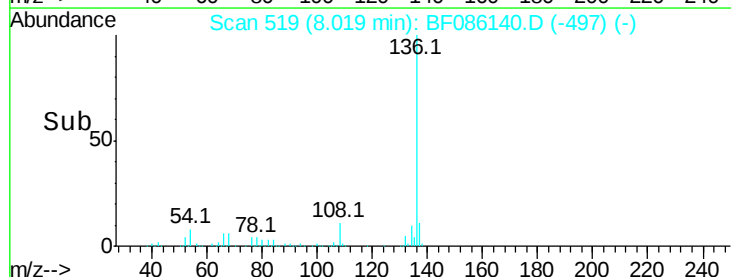
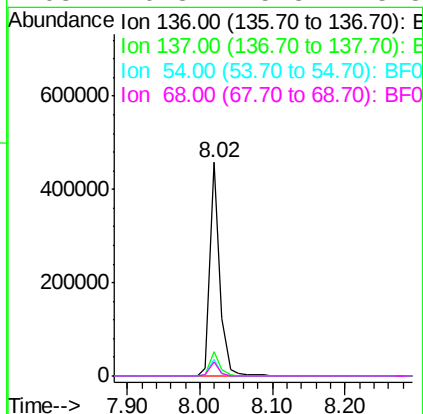
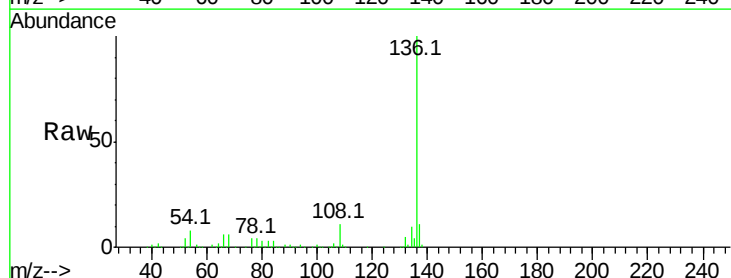
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.8 7.4 11.0

68 6.3 5.8 8.8

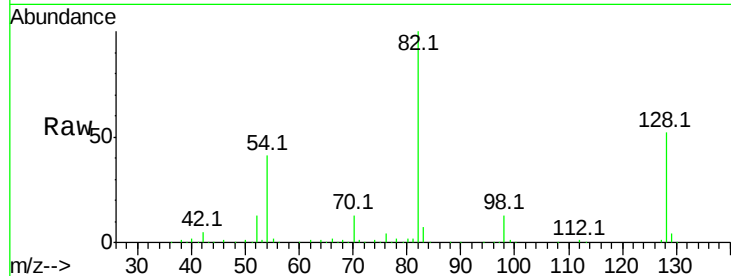




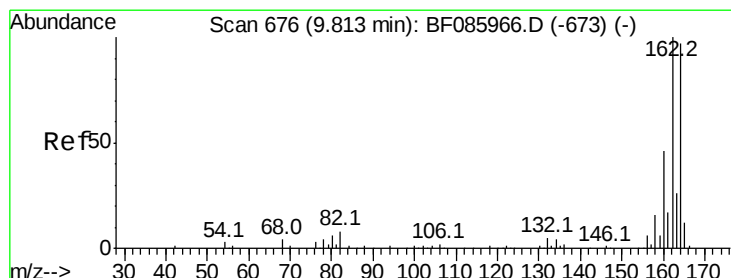
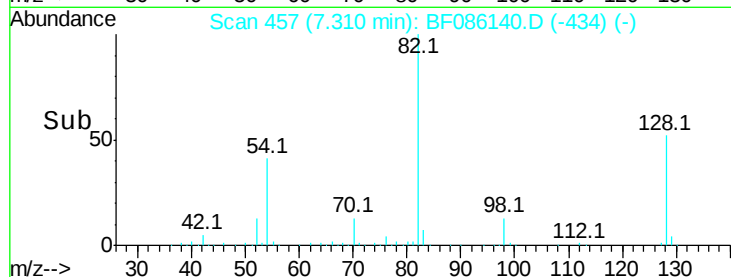
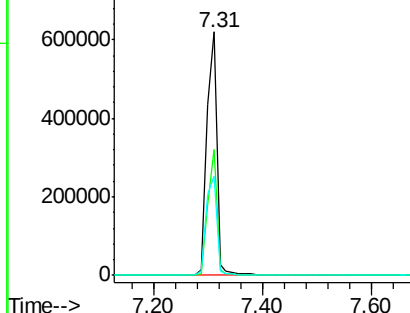
#23
 Nitrobenzene-d5
 Concen: 106.96 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086140.D
 Acq: 7 Apr 2016 20:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-040116

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.8	41.8	62.8
54	40.6	33.4	50.0

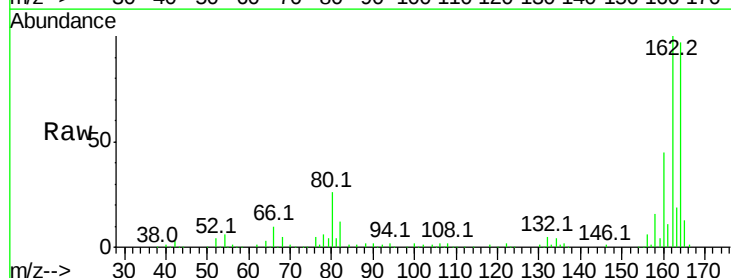


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

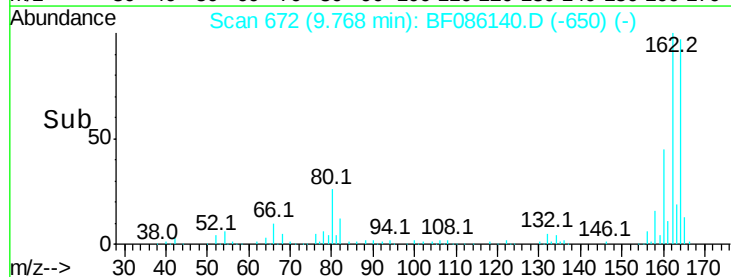
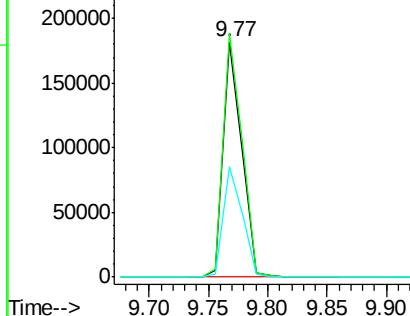


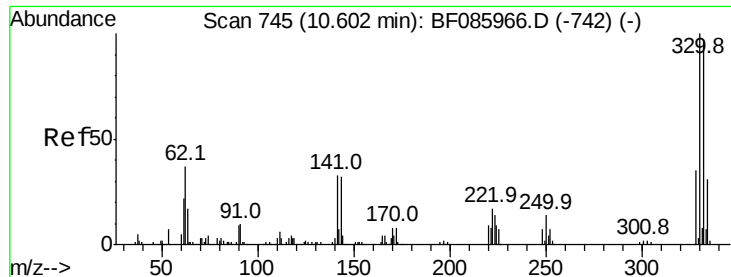
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086140.D
 Acq: 7 Apr 2016 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	46.9	37.4	56.2



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

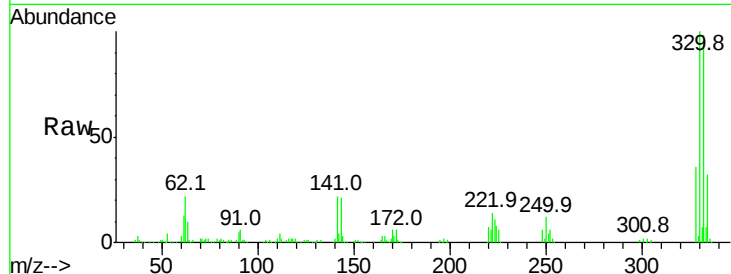




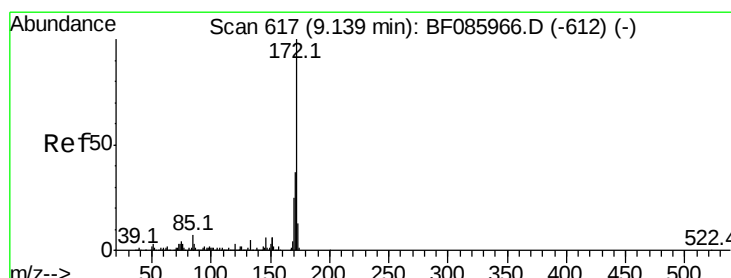
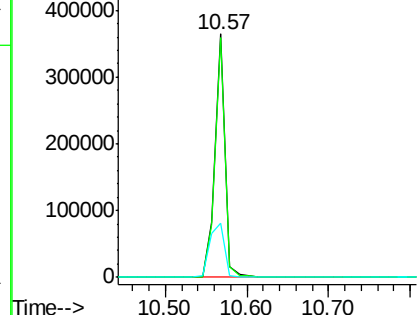
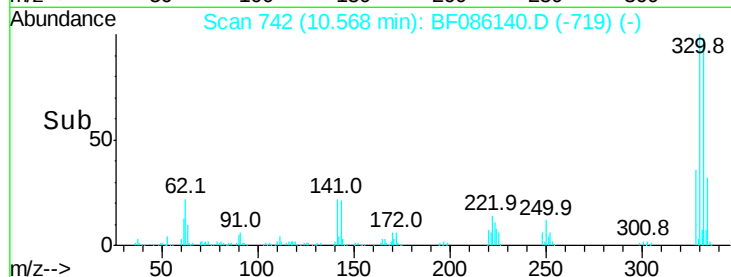
#41
 2,4,6-Tribromophenol
 Concen: 178.83 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086140.D
 Acq: 7 Apr 2016 20:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-040116

Tot Ion:330 Resp: 325425
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.2 117.2
 141 33.1 31.5 47.3

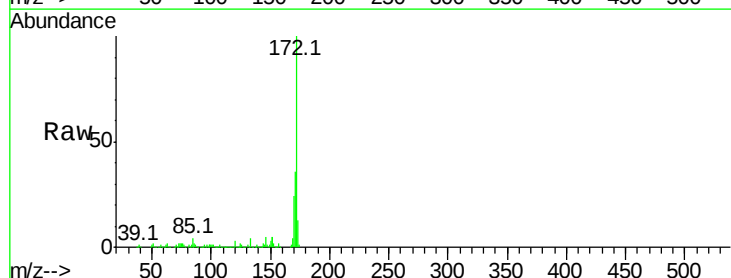


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

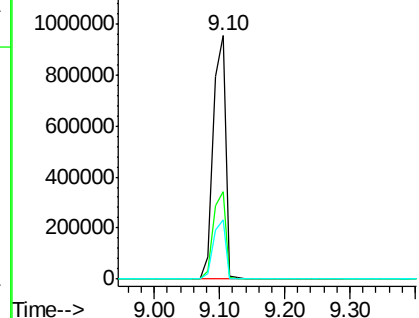
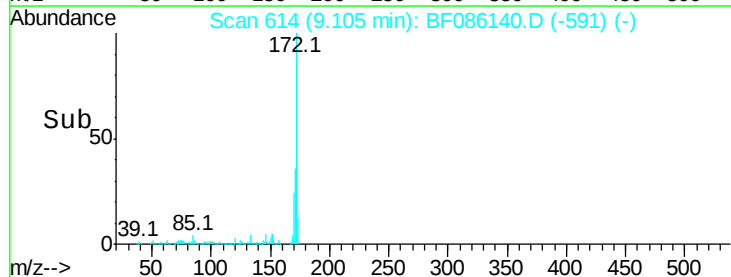


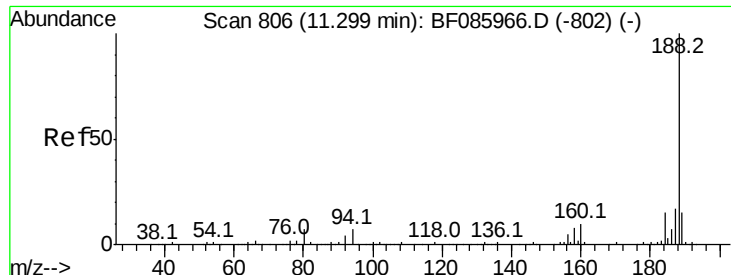
#44
 2-Fluorobiphenyl
 Concen: 109.48 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086140.D
 Acq: 7 Apr 2016 20:05

Tgt Ion:172 Resp: 1276606
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 24.2 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

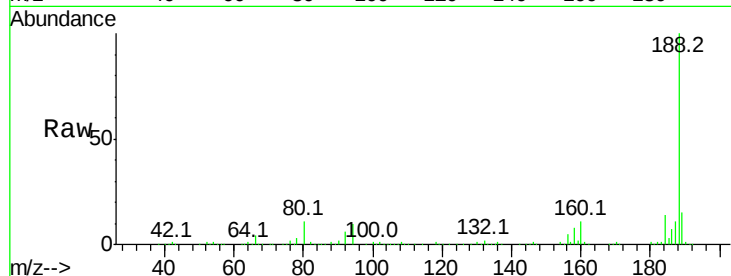




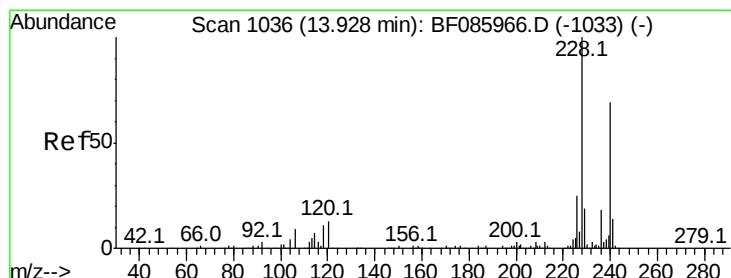
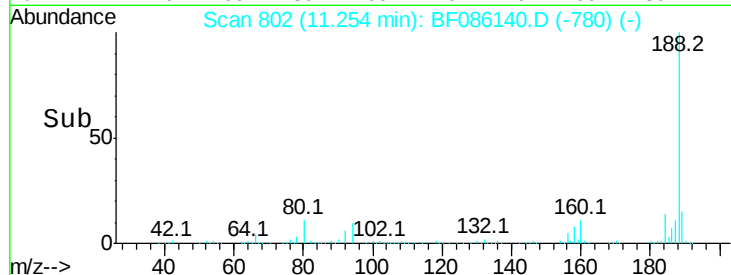
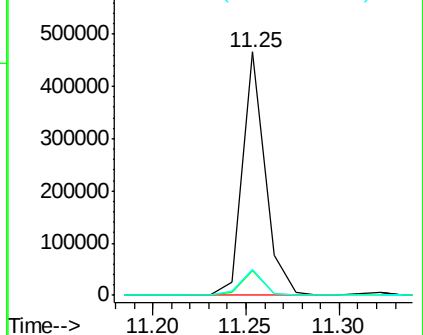
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086140.D
Acq: 7 Apr 2016 20:05

Instrument :
BNA_F
ClientSampleId :
MW-9-040116

Tot Ion:188 Resp: 395248
Ion Ratio Lower Upper
188 100
94 10.4 5.4 8.0#
80 10.8 5.5 8.3#

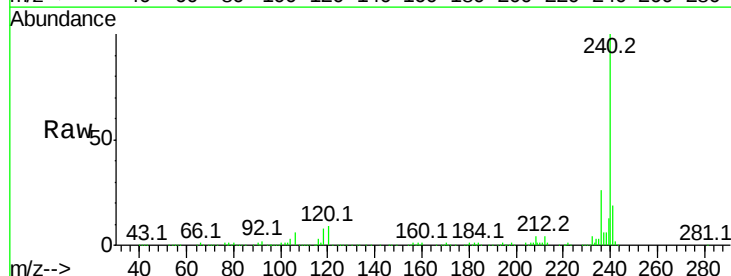


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

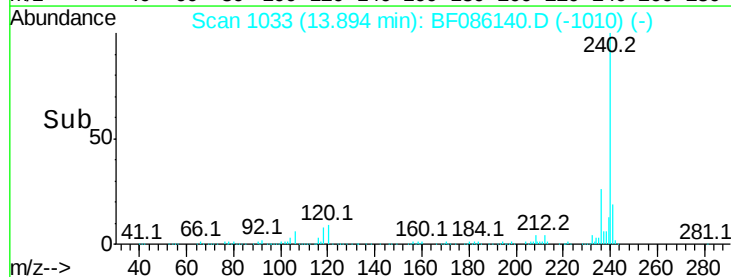
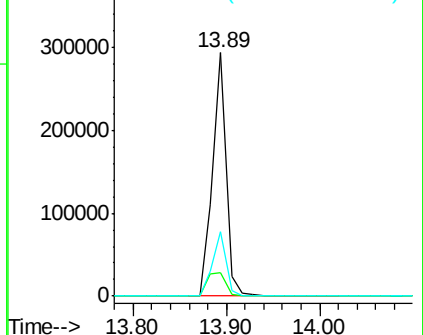


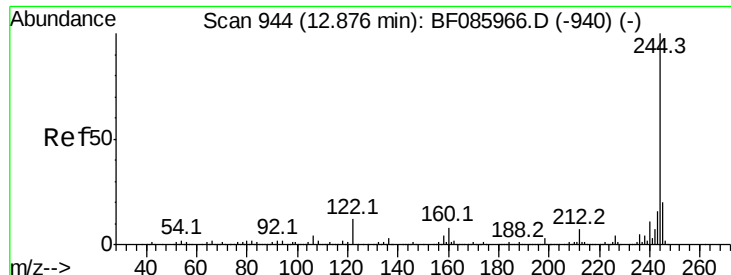
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086140.D
Acq: 7 Apr 2016 20:05

Tgt Ion:240 Resp: 300089
Ion Ratio Lower Upper
240 100
120 9.4 13.8 20.8#
236 26.5 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: 87.63 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086140.D

Acq: 7 Apr 2016 20:05

Instrument :

BNA_F

ClientSampleId :

MW-9-040116

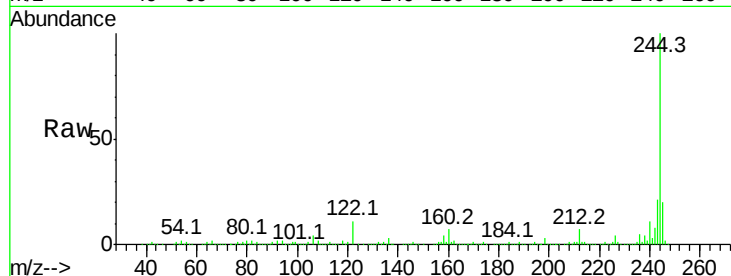
Tot Ion:244 Resp: 1118663

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

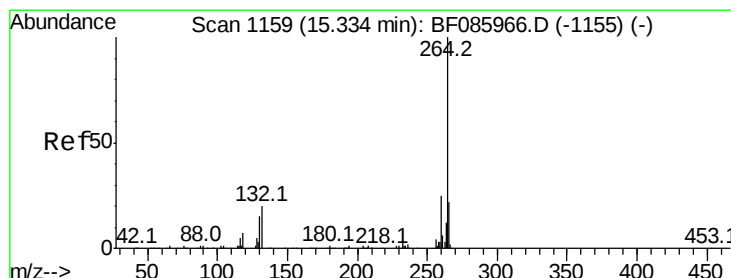
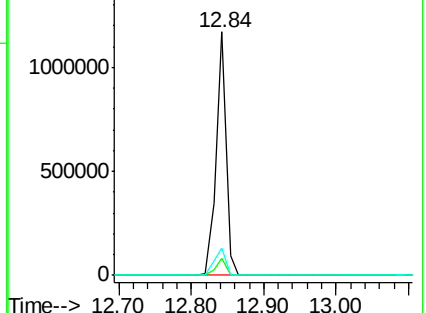
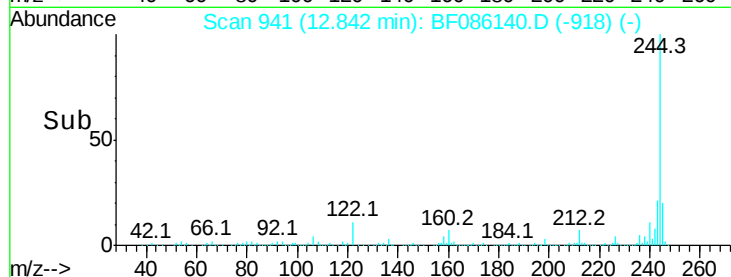
122 11.3 10.2 15.4



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: BF086140.D

Acq: 7 Apr 2016 20:05

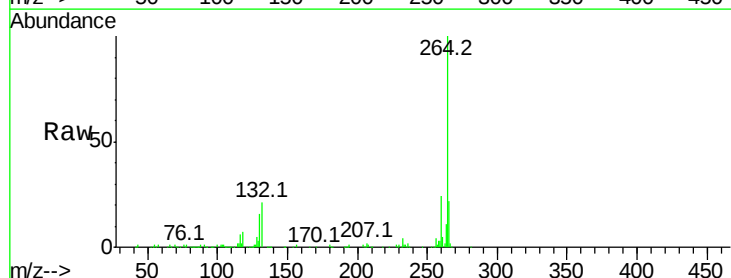
Tgt Ion:264 Resp: 206783

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.7 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

