

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092016\
 Data File : BF090241.D
 Acq On : 27 Sep 2016 2:07
 Operator : UM/SJ
 Sample : H4946-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02S-092116

Quant Time: Sep 27 03:46:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	150929	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	590253	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	295211	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	410574	20.00	ng	0.00
75) Chrysene-d12	13.59	240	295861	20.00	ng	-0.01
86) Perylene-d12	14.91	264	271191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	514372	55.55	ng	0.01
7) Phenol-d6	6.12	99	412611	36.08	ng	-0.01
23) Nitrobenzene-d5	7.05	82	741942	72.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	273238	107.89	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1325418	88.14	ng	0.00
78) Terphenyl-d14	12.56	244	834884	71.64	ng	0.00

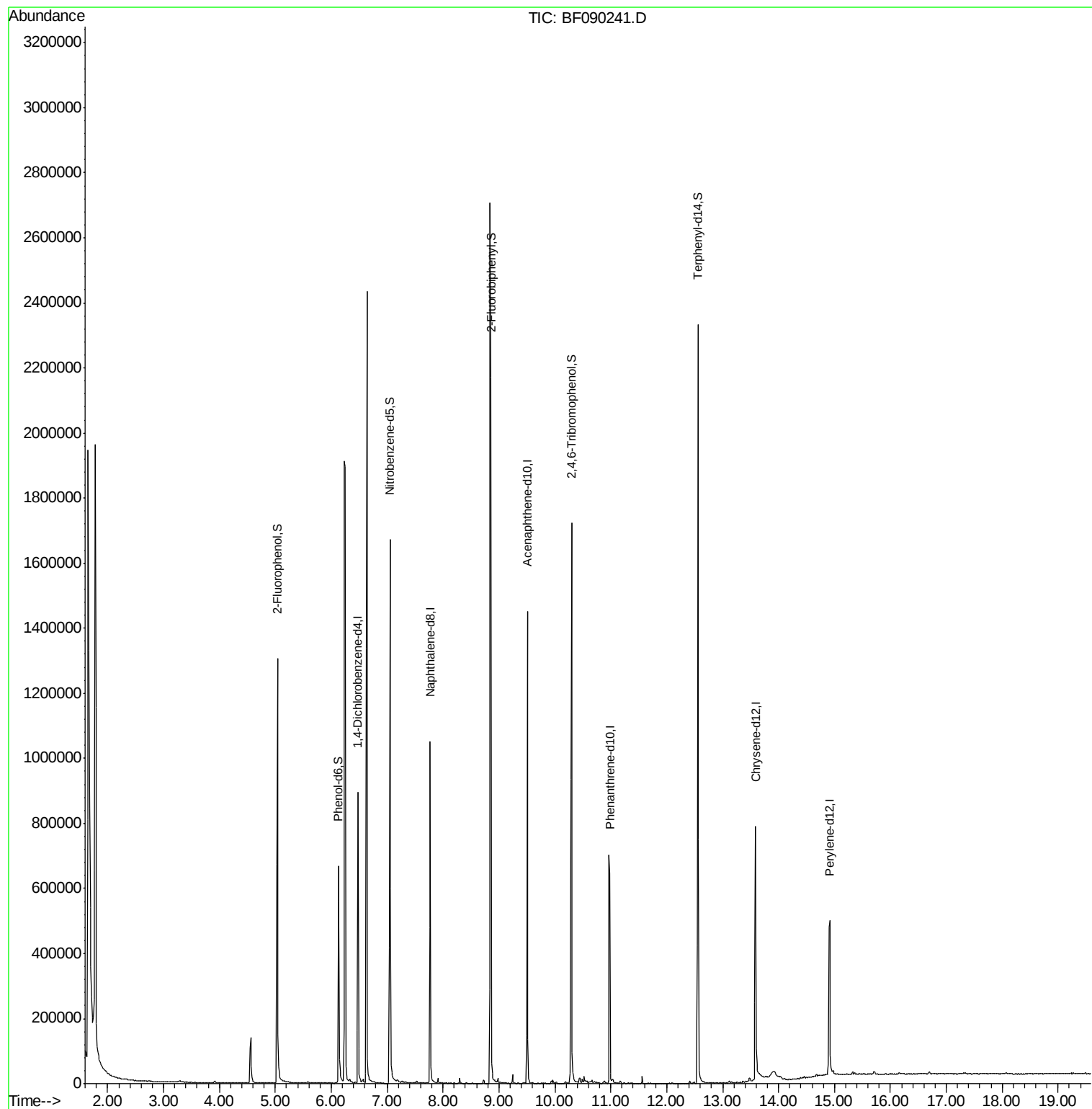
Target Compounds Qvalue

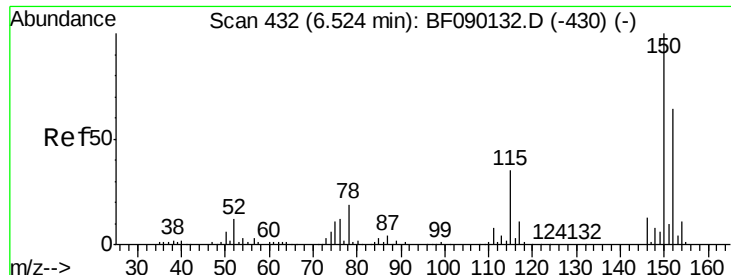
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090241.D
Acq On : 27 Sep 2016 2:07
Operator : UM/SJ
Sample : H4946-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02S-092116

Quant Time: Sep 27 03:46:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration



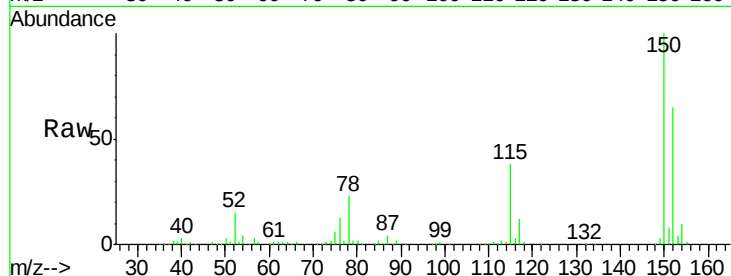


#1

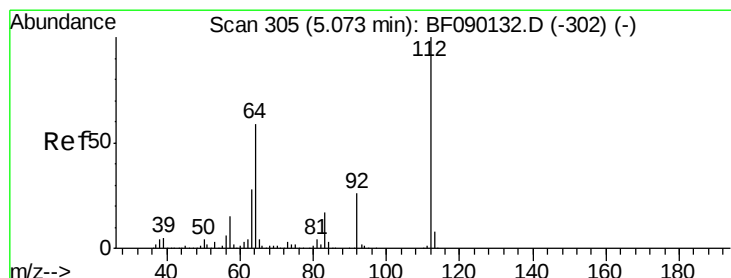
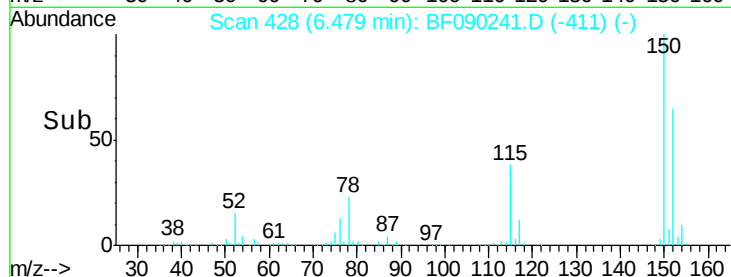
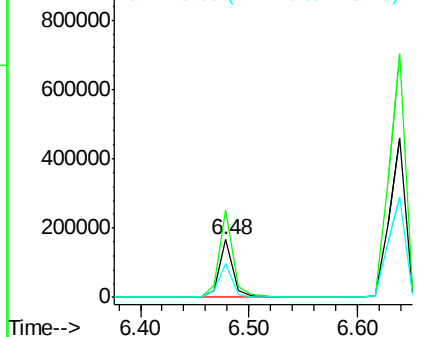
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF090241.D
Acq: 27 Sep 2016 2:07

Instrument :
BNA_F
ClientSampleId :
MW-02S-092116

Tot Ion:152 Resp: 150929
Ion Ratio Lower Upper
152 100
150 153.4 128.9 193.3
115 57.8 55.5 83.3



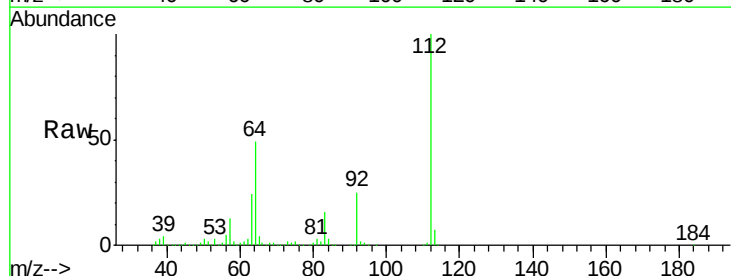
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



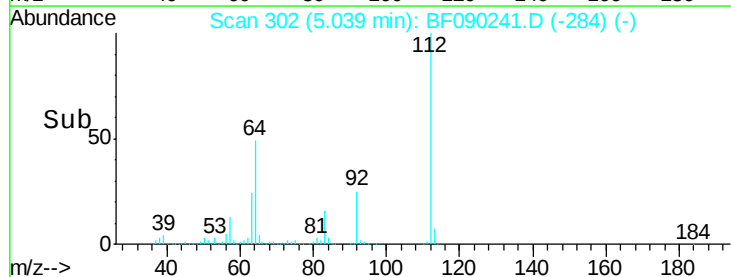
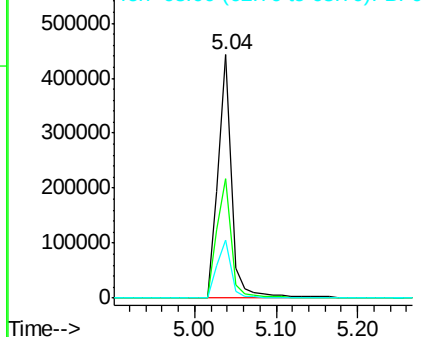
#5

2-Fluorophenol
Concen: 55.55 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF090241.D
Acq: 27 Sep 2016 2:07

Tgt Ion:112 Resp: 514372
Ion Ratio Lower Upper
112 100
64 48.8 39.8 59.6
63 23.7 18.9 28.3



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: 36.08 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090241.D

Acq: 27 Sep 2016 2:07

Instrument :

BNA_F

ClientSampleId :

MW-02S-092116

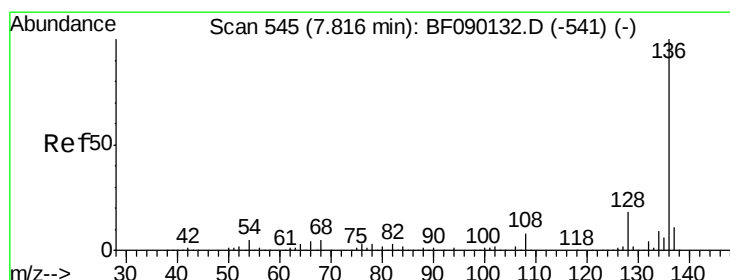
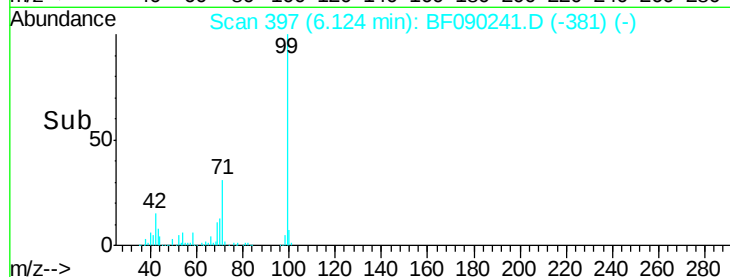
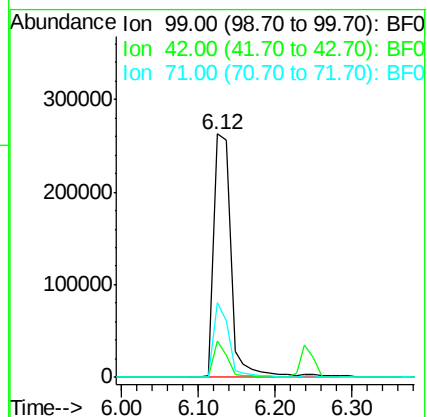
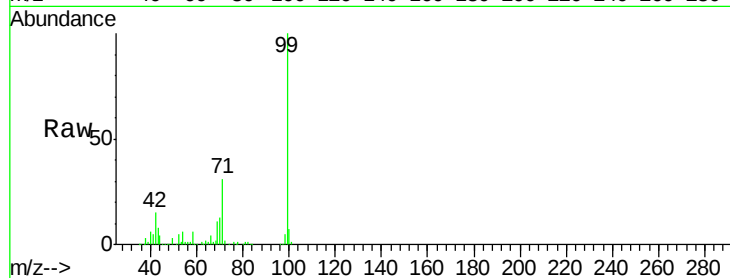
Tot Ion: 99 Resp: 412611

Ion Ratio Lower Upper

99 100

42 14.8 10.6 15.8

71 30.9 23.0 34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF090241.D

Acq: 27 Sep 2016 2:07

Tgt Ion: 136 Resp: 590253

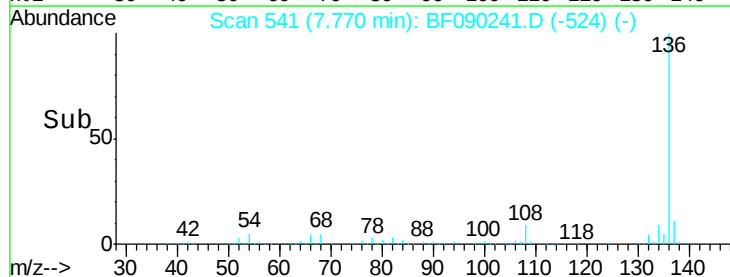
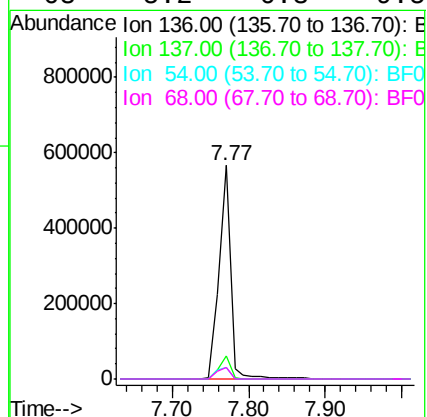
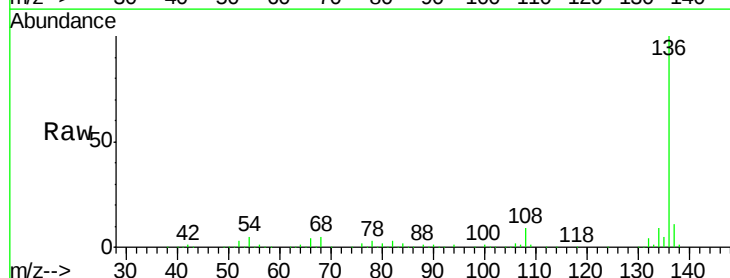
Ion Ratio Lower Upper

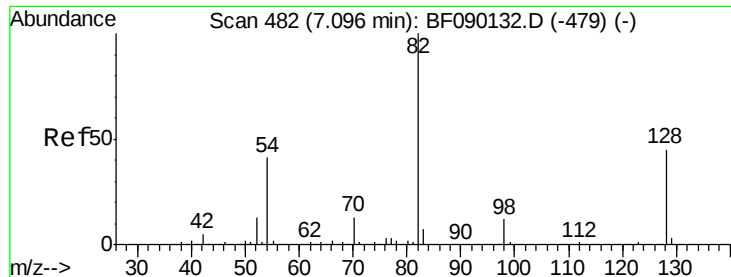
136 100

137 10.8 9.0 13.4

54 5.3 6.4 9.6#

68 5.2 6.3 9.5#

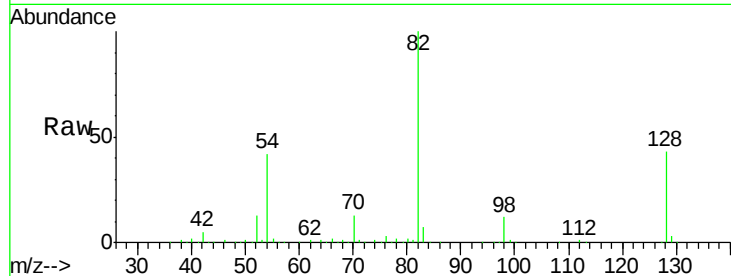




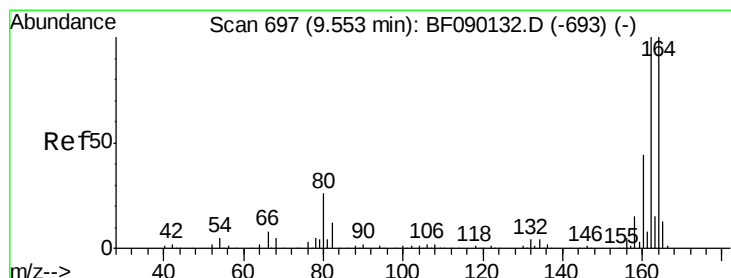
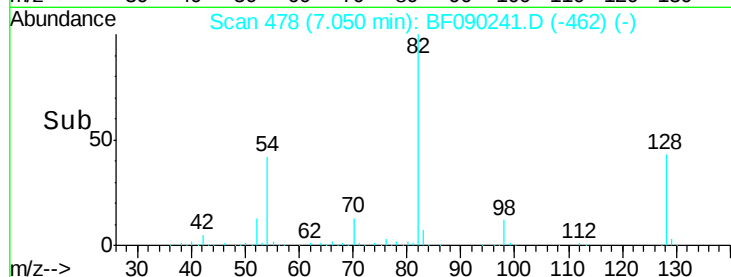
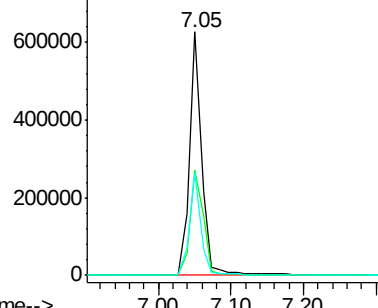
#23
 Nitrobenzene-d5
 Concen: 72.87 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090241.D
 Acq: 27 Sep 2016 2:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-02S-092116

Tot Ion: 82 Resp: 741942
 Ion Ratio Lower Upper
 82 100
 128 43.4 37.5 56.3
 54 42.4 31.9 47.9

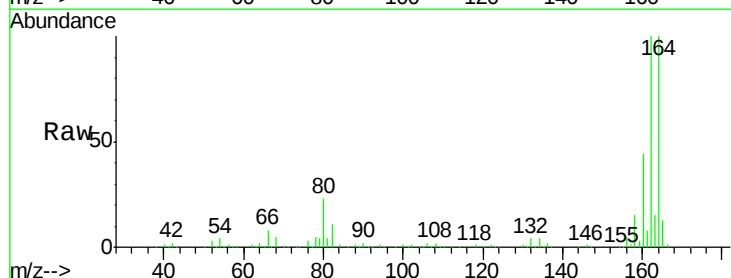


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

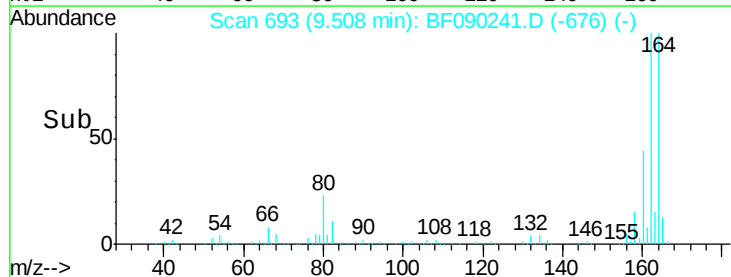
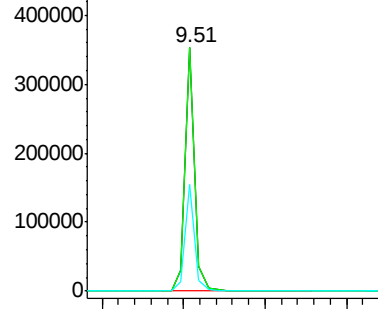


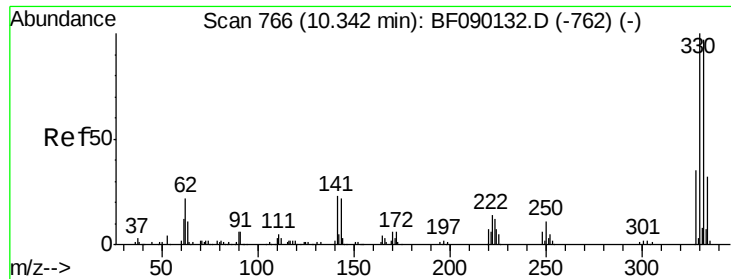
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF090241.D
 Acq: 27 Sep 2016 2:07

Tgt Ion: 164 Resp: 295211
 Ion Ratio Lower Upper
 164 100
 162 100.1 81.4 122.2
 160 44.1 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF0
 Ion 162.00 (161.70 to 162.70): BF0
 Ion 160.00 (159.70 to 160.70): BF0

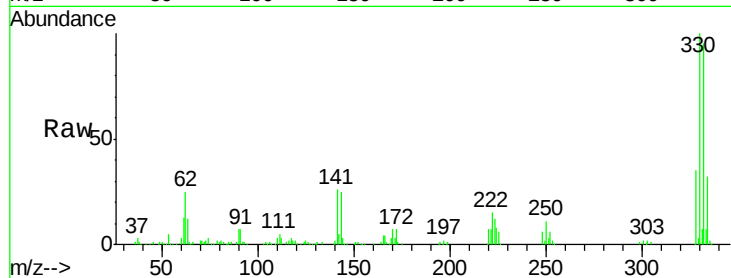




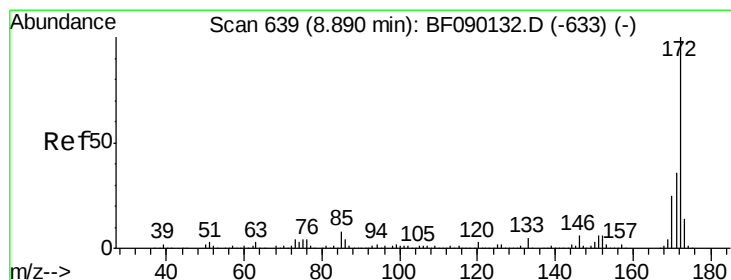
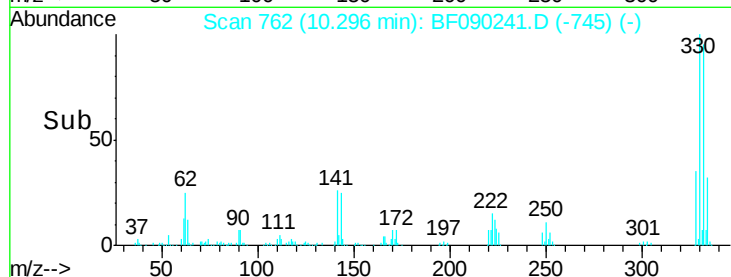
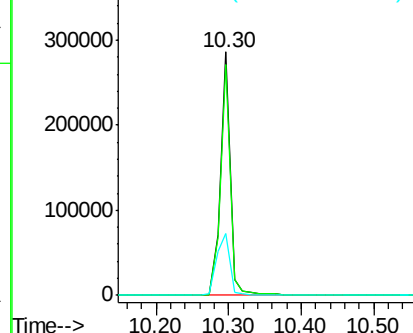
#41
 2,4,6-Tribromophenol
 Concen: 107.89 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090241.D
 Acq: 27 Sep 2016 2:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-02S-092116

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.1	117.1
141	34.0	23.9	35.9

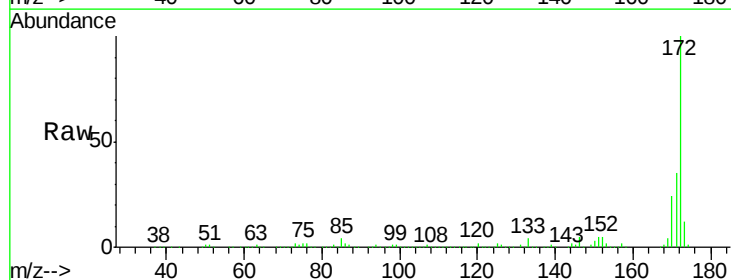


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

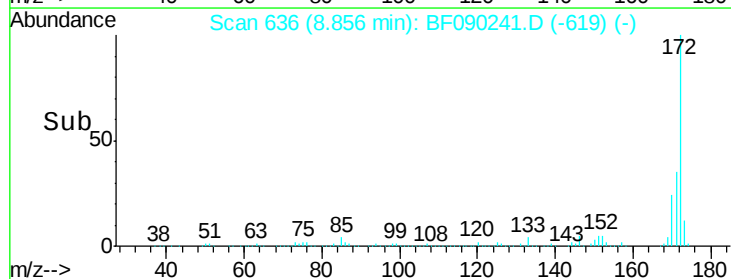
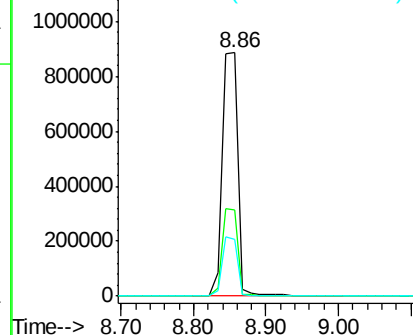


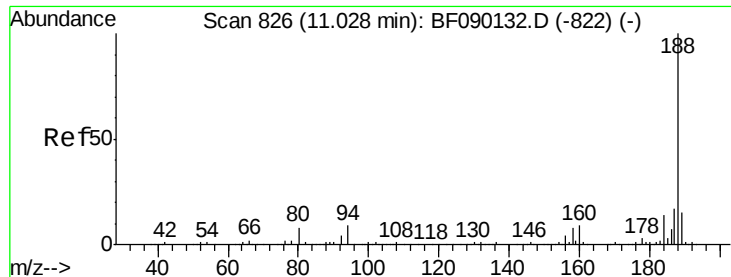
#44
 2-Fluorobiphenyl
 Concen: 88.14 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF090241.D
 Acq: 27 Sep 2016 2:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.2	43.8
170	23.6	19.8	29.8



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

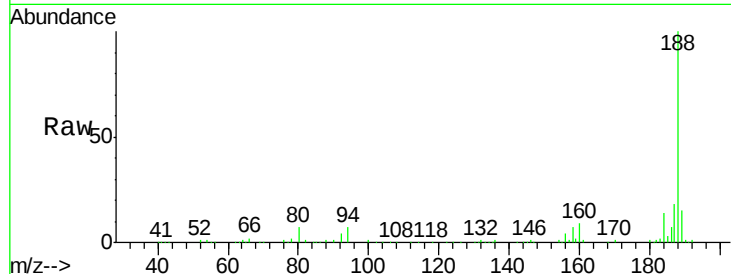




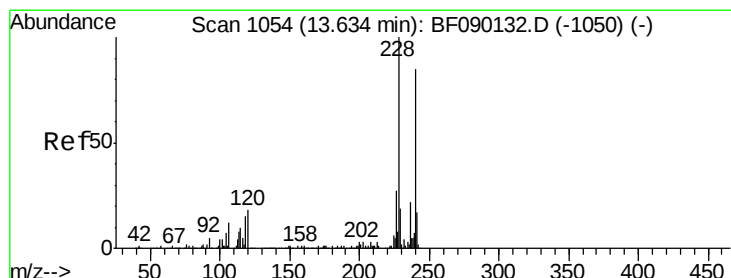
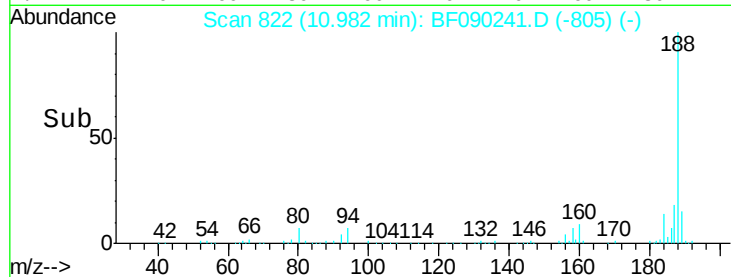
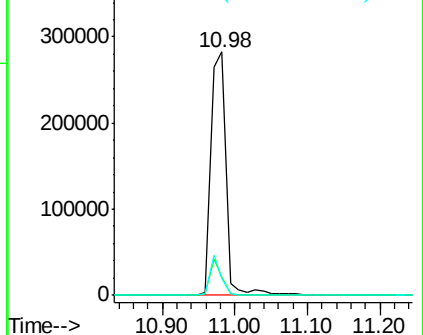
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF090241.D
Acq: 27 Sep 2016 2:07

Instrument :
BNA_F
ClientSampleId :
MW-02S-092116

Tot Ion:188 Resp: 410574
Ion Ratio Lower Upper
188 100
94 7.4 10.5 15.7#
80 6.8 11.2 16.8#

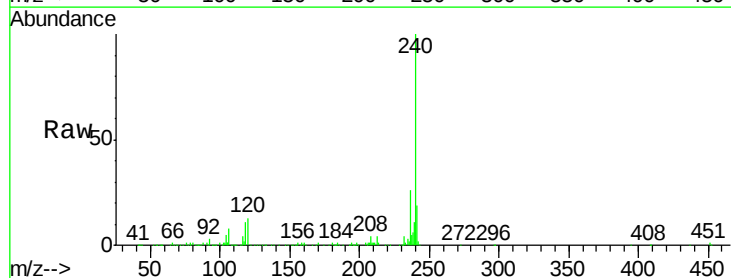


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

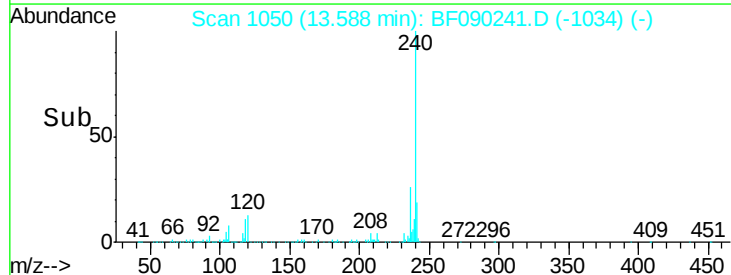
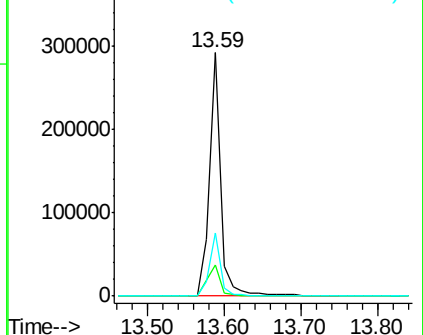


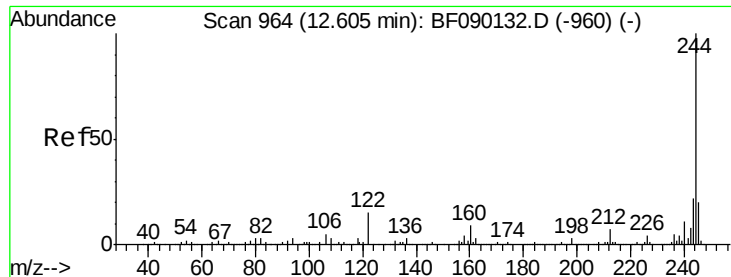
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF090241.D
Acq: 27 Sep 2016 2:07

Tgt Ion:240 Resp: 295861
Ion Ratio Lower Upper
240 100
120 12.8 10.6 16.0
236 25.9 21.6 32.4



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

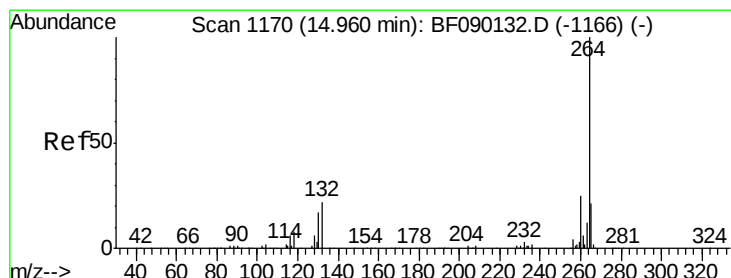
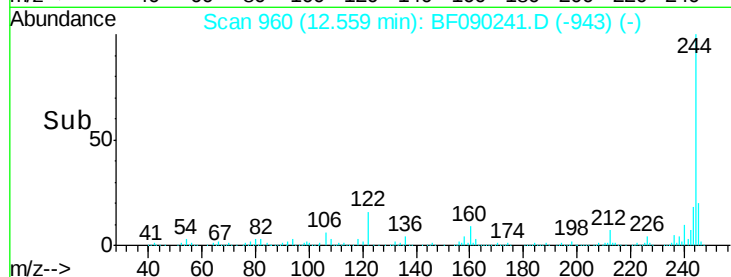
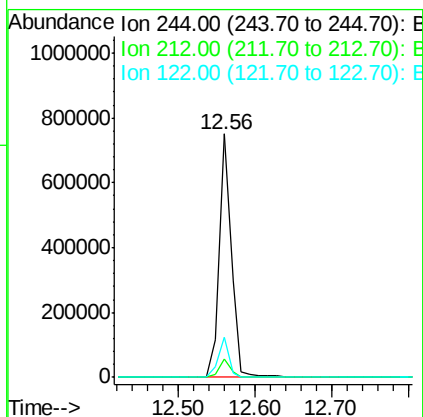
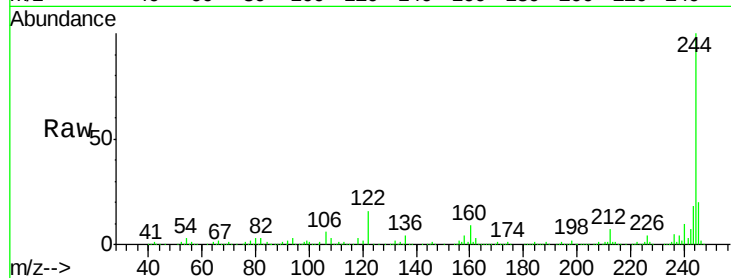




#78
 Terphenyl-d14
 Concen: 71.64 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF090241.D
 Acq: 27 Sep 2016 2:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-02S-092116

Tot Ion:244 Resp: 834884
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 16.4 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF090241.D
 Acq: 27 Sep 2016 2:07

Tgt Ion:264 Resp: 271191
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.4 17.0 25.4

