

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 03:41:59 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

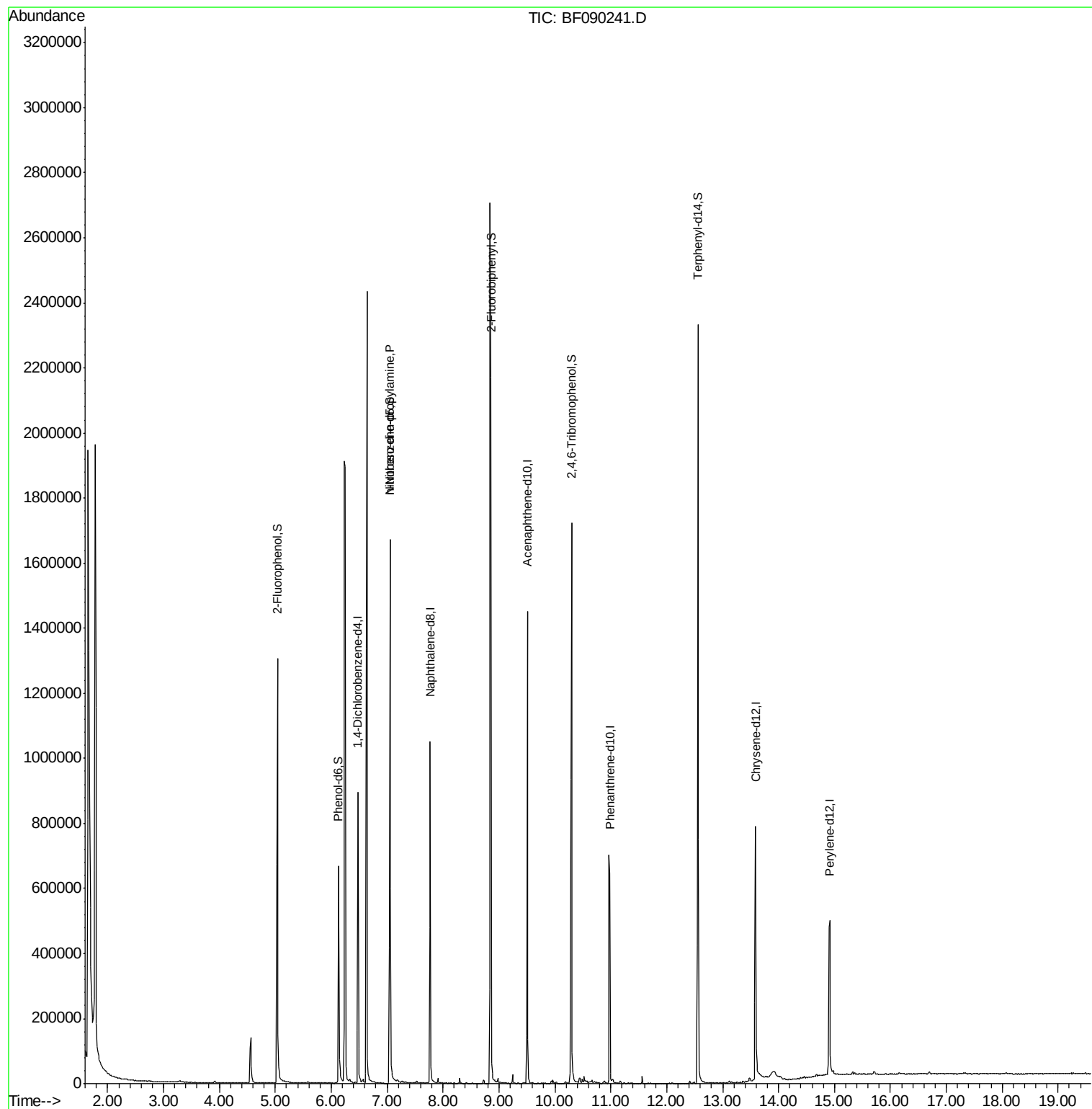
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	150929	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	590253	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	295211	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	410574	20.00	ng	0.00
75) Chrysene-d12	13.59	240	295861	20.00	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
19) n-Nitroso-di-n-propylamine	7.05	70	85302	12.70	ng	# 79

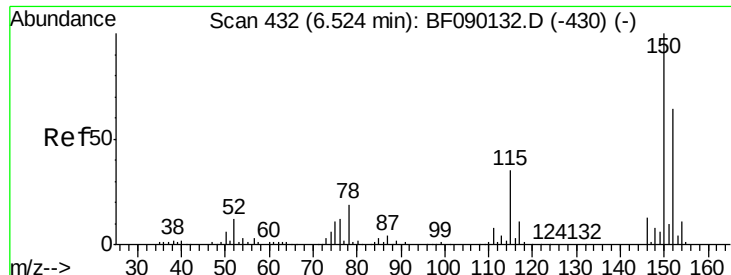
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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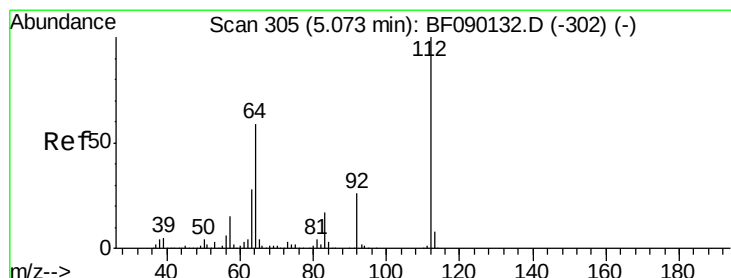
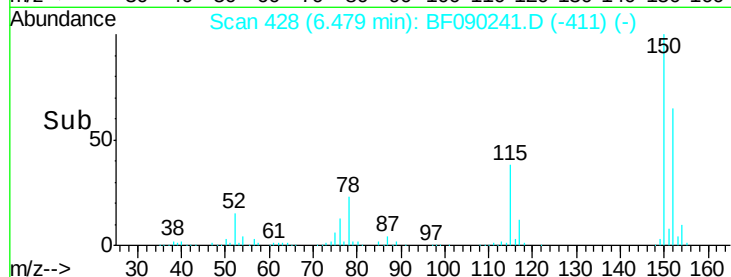
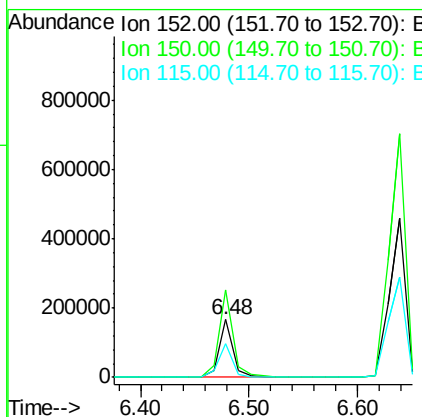
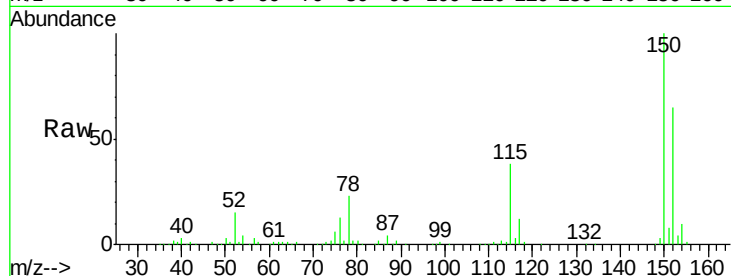




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.48 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF090241.D
 Acq: 27 Sep 2016 2:07

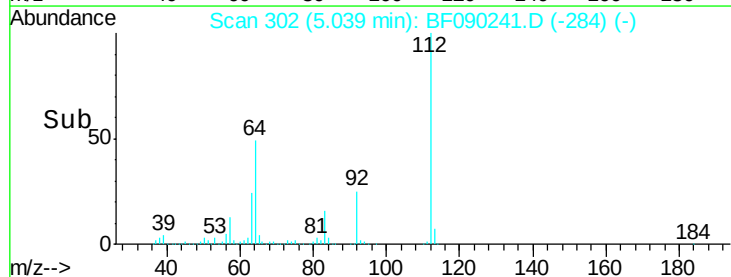
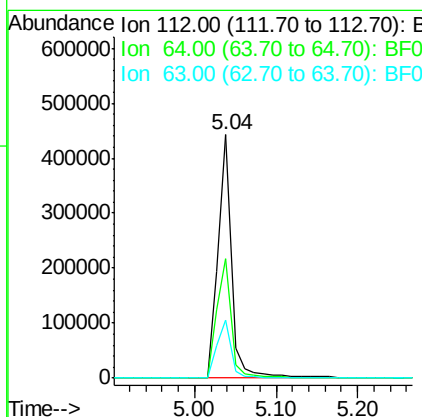
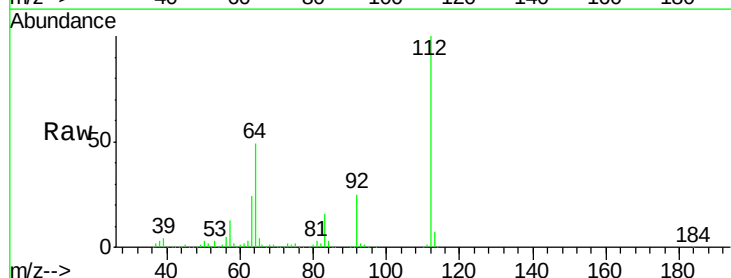
Instrument :
 BNA_F
 ClientSampleId :
 MW-02S-092116

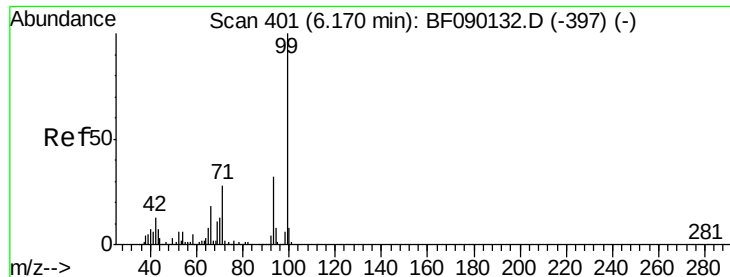
Tgt Ion:152 Resp: 150929
 Ion Ratio Lower Upper
 152 100
 150 153.4 128.9 193.3
 115 57.8 55.5 83.3



#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





#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

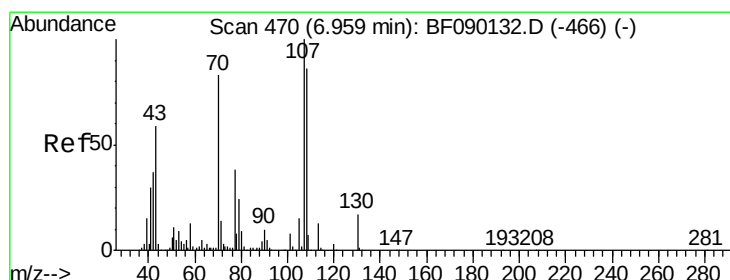
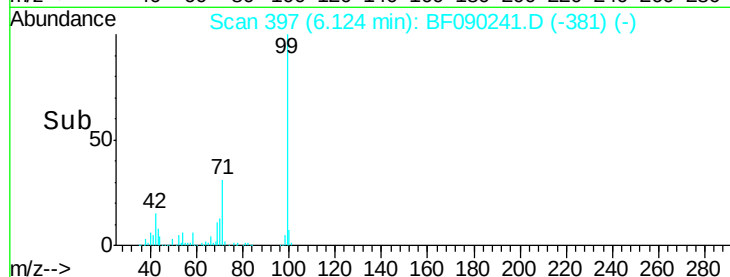
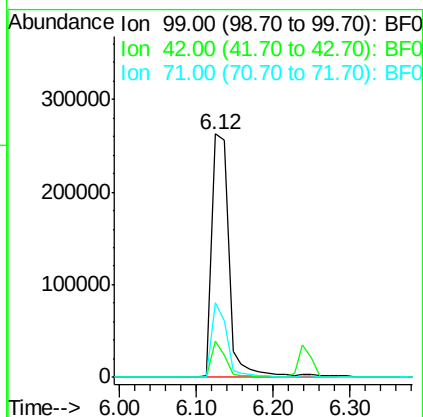
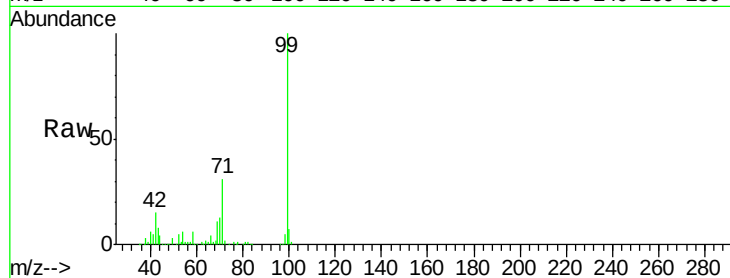
Tgt Ion: 99 Resp: 412611

Ion Ratio Lower Upper

99 100

42 14.8 10.6 15.8

71 30.9 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.70 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF090241.D

Acq: 27 Sep 2016 2:07

Tgt Ion: 70 Resp: 85302

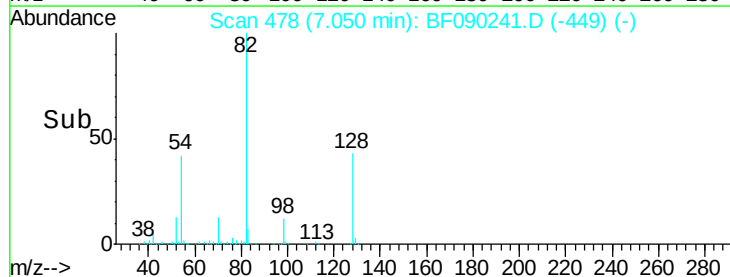
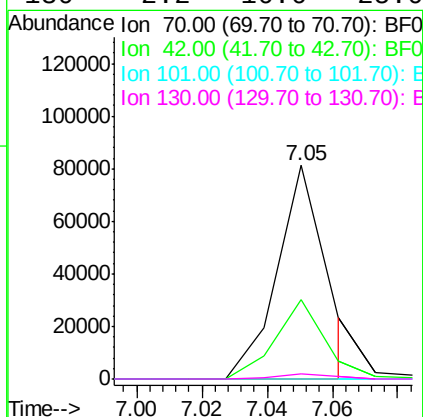
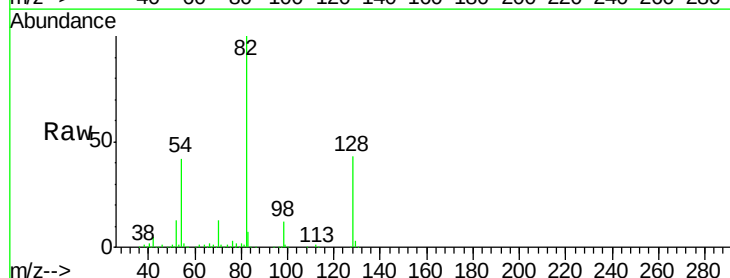
Ion Ratio Lower Upper

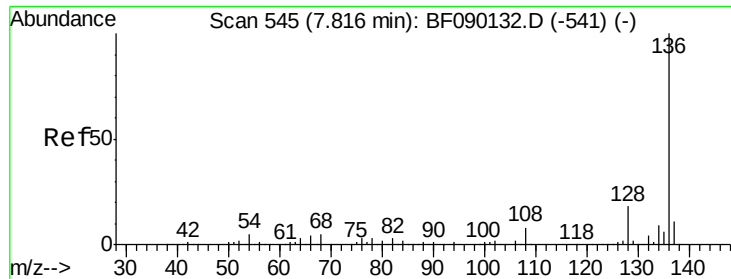
70 100

42 37.3 35.1 52.7

101 0.0 7.5 11.3#

130 2.2 16.6 25.0#

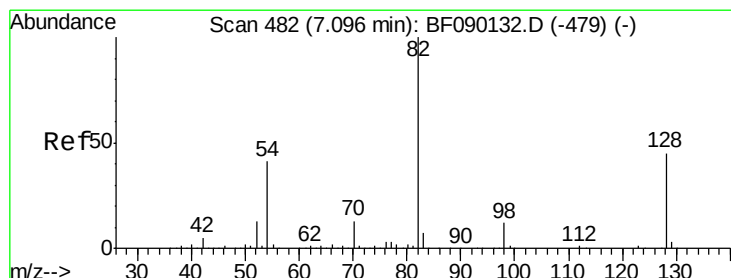
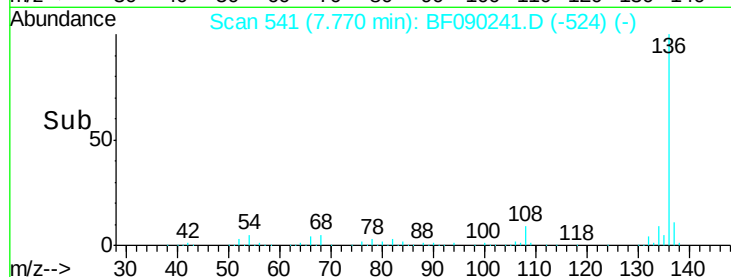
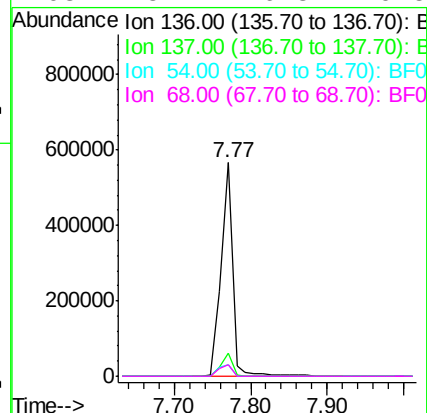
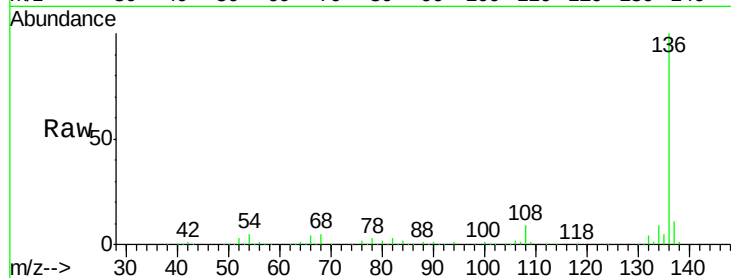




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF090241.D
Acq: 27 Sep 2016 2:07

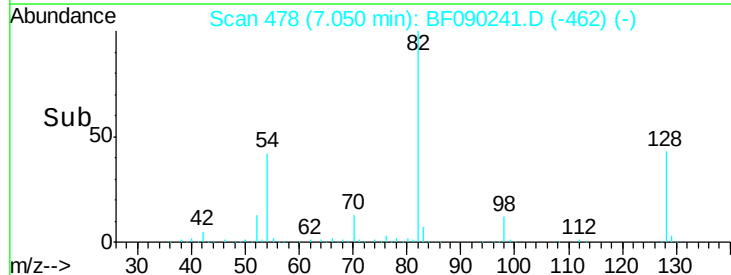
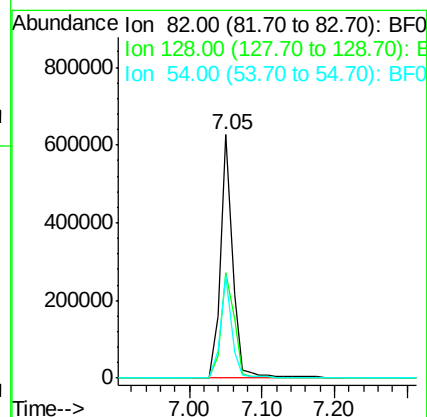
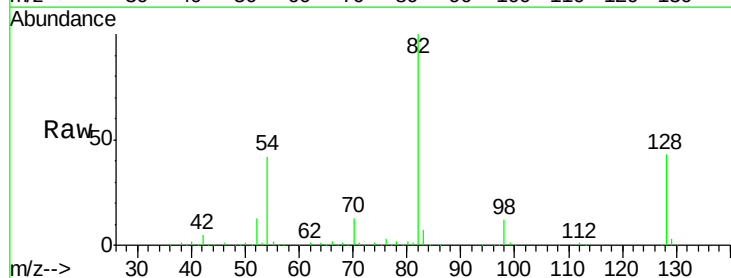
Instrument :
BNA_F
ClientSampleId :
MW-02S-092116

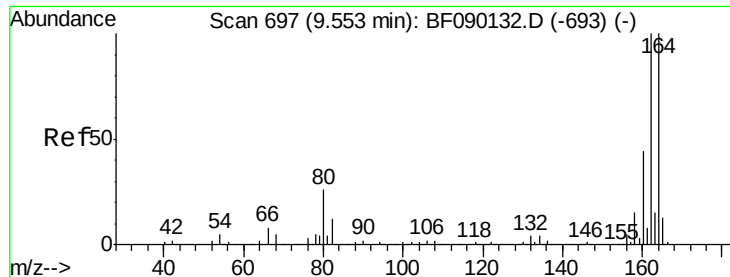
Tgt Ion:	136	Resp:	590253
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	5.3	6.4	9.6#
68	5.2	6.3	9.5#



#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

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

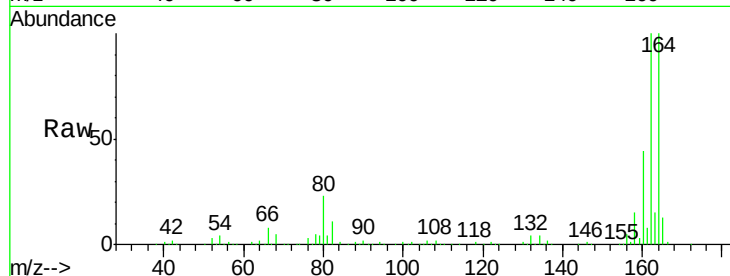




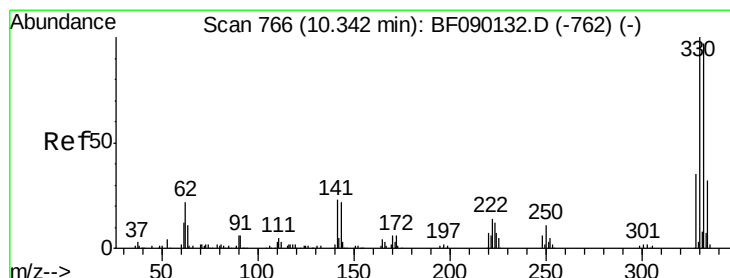
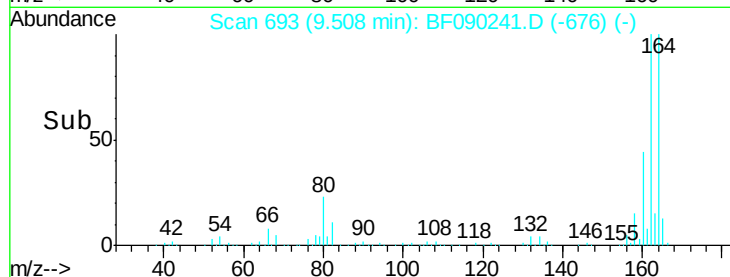
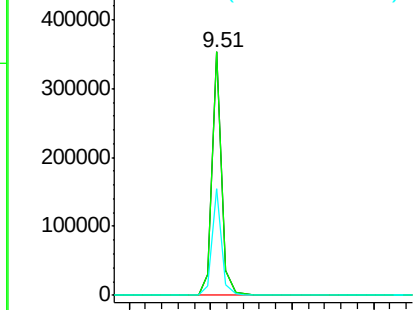
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF090241.D
 Acq: 27 Sep 2016 2:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-02S-092116

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

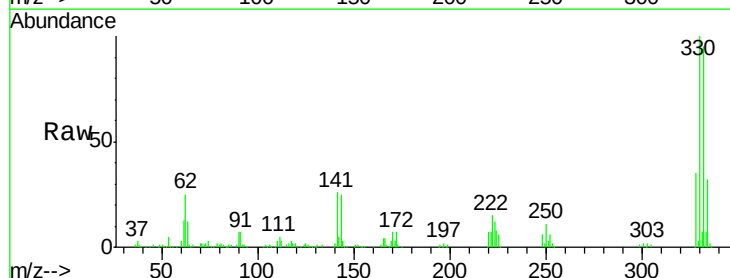


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

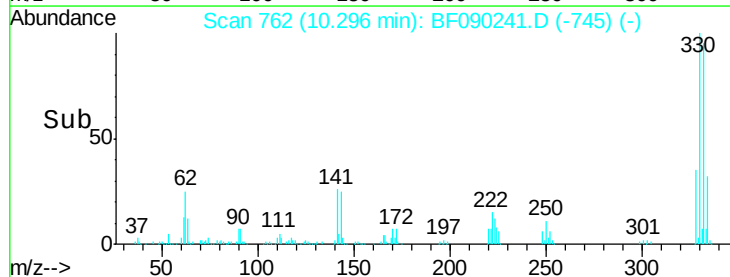
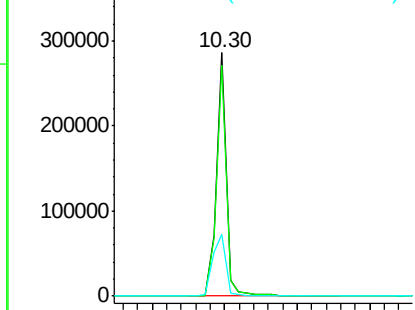


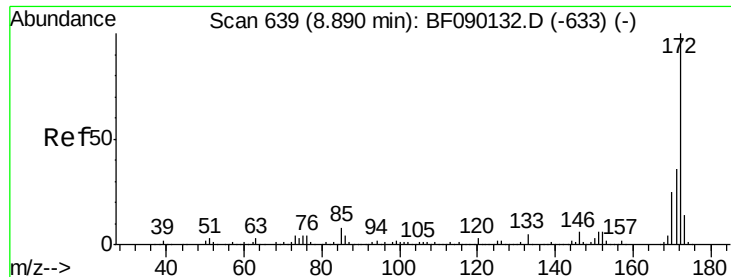
#41
 2,4,6-Tribromophenol
 Concen: 107.89 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090241.D
 Acq: 27 Sep 2016 2:07

Tgt Ion:330 Resp: 273238
 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

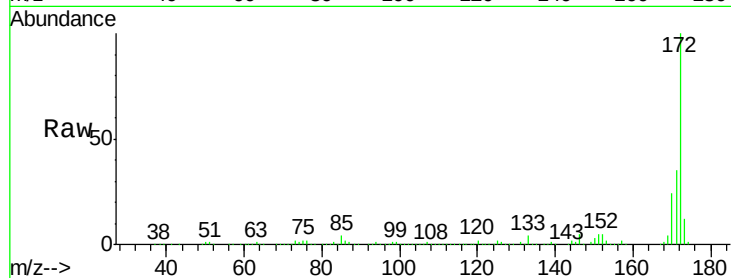




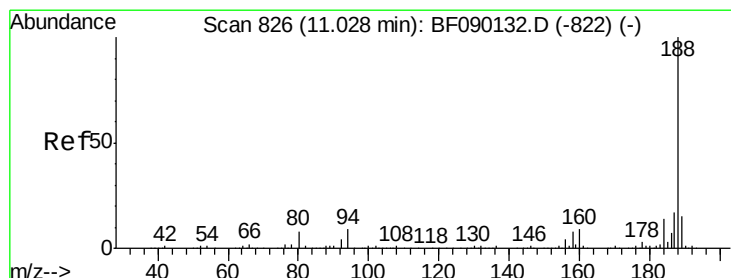
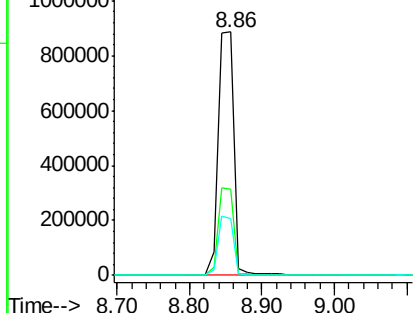
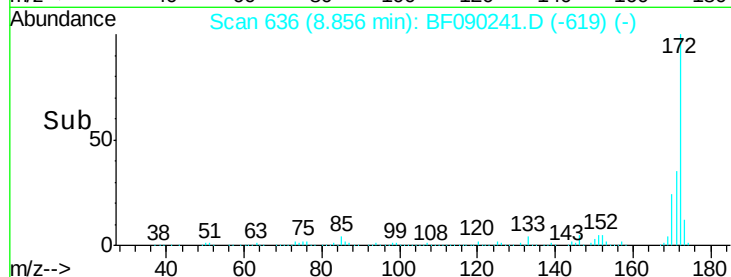
#44
 2-Fluorobiphenyl
 Concen: 88.14 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF090241.D
 Acq: 27 Sep 2016 2:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-02S-092116

Tgt Ion:172 Resp: 1325418
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.2 43.8
 170 23.6 19.8 29.8

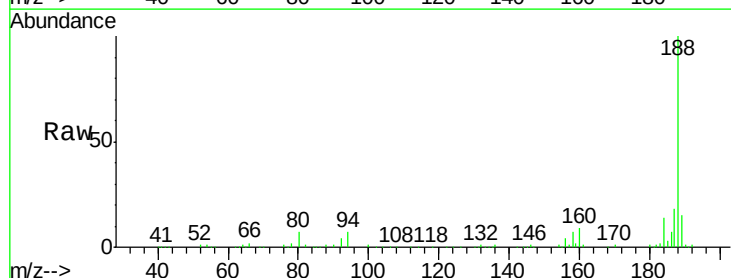


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

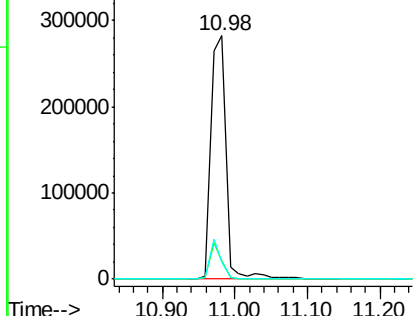
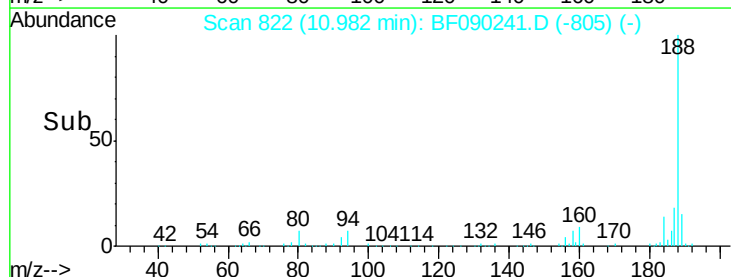


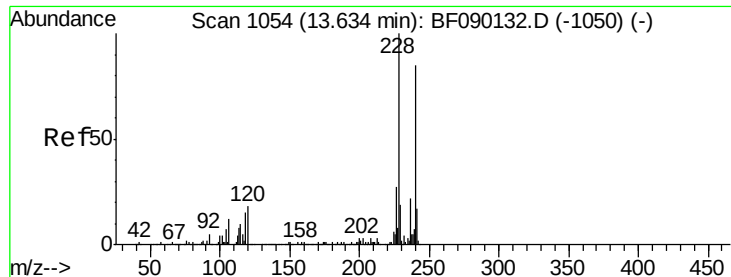
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF090241.D
 Acq: 27 Sep 2016 2:07

Tgt 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

Instrument :

BNA_F

ClientSampleId :

MW-02S-092116

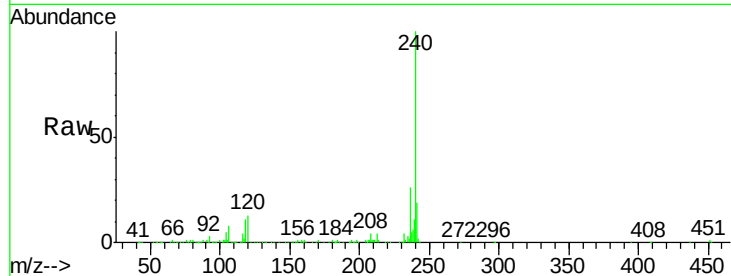
Tgt Ion:240 Resp: 295861

Ion Ratio Lower Upper

240 100

120 12.8 10.6 16.0

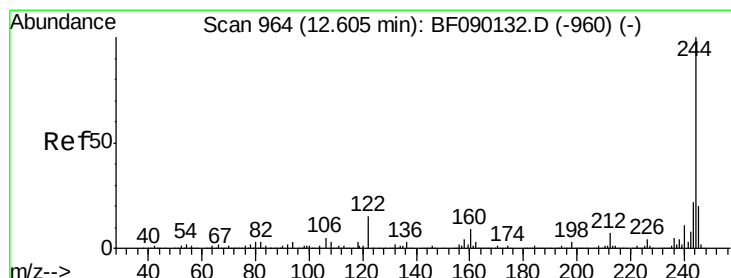
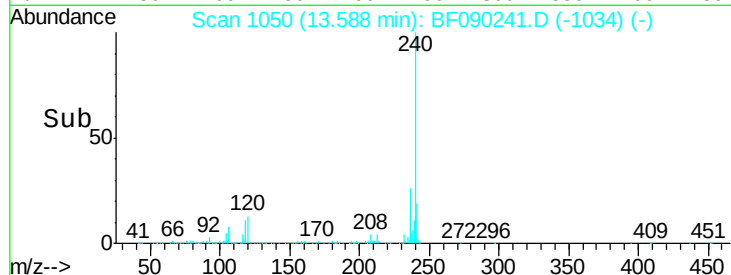
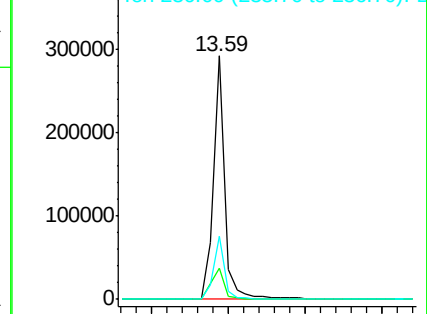
236 25.9 21.6 32.4



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

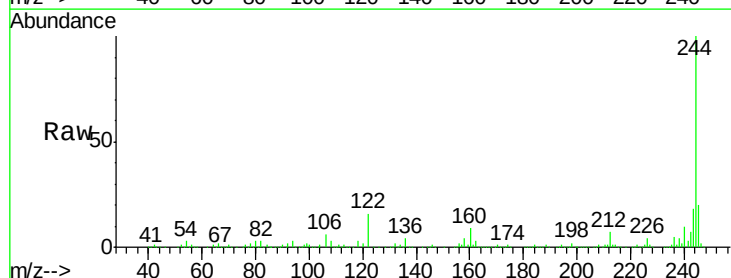
Tgt Ion:244 Resp: 834884

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

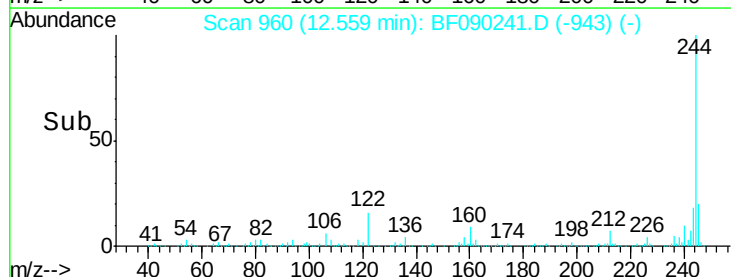
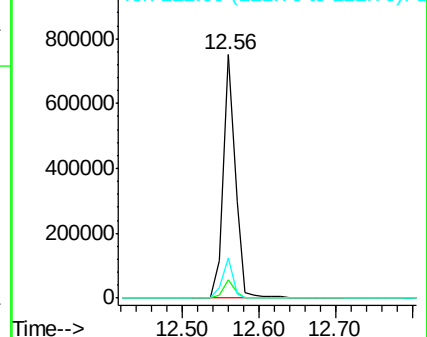
122 16.4 9.4 14.0#

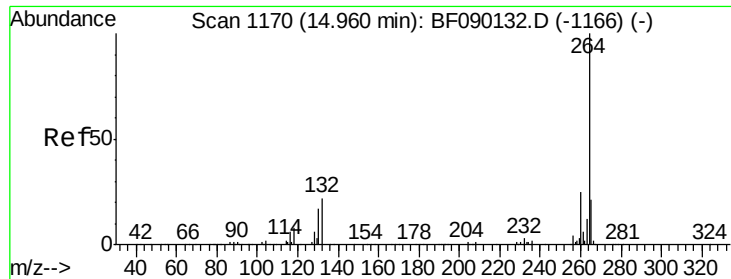


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.91 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF090241.D
Acq: 27 Sep 2016 2:07

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

