

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
 Data File : BF090146.D
 Acq On : 20 Sep 2016 20:58
 Operator : UM/SJ
 Sample : H4854-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A2A

Quant Time: Sep 21 02:14:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

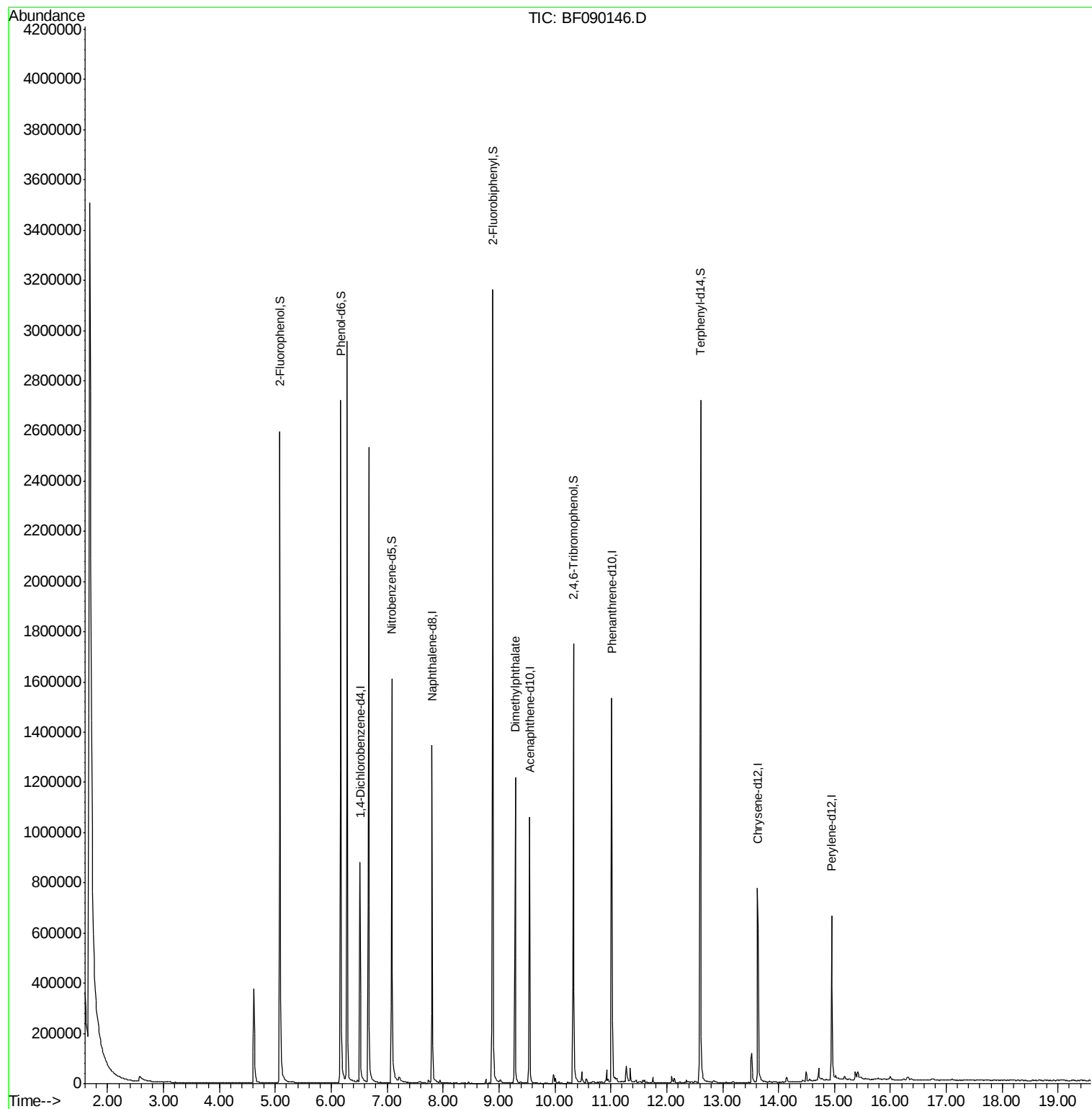
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	164234	20.00	ng	-0.01
21) Naphthalene-d8	7.80	136	663032	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	364545	20.00	ng	0.00
63) Phenanthrene-d10	11.02	188	578543	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	415480	20.00	ng	-0.01
86) Perylene-d12	14.95	264	313080	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	937498	93.05	ng	0.01
7) Phenol-d6	6.17	99	1280795	102.93	ng	0.00
23) Nitrobenzene-d5	7.08	82	680427	59.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	235511	75.30	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	1320449	71.11	ng	0.00
78) Terphenyl-d14	12.60	244	1046391	63.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.29	163	614678	26.47	ng	Qvalue 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF090146.D

Acq: 20 Sep 2016 20:58

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A2A

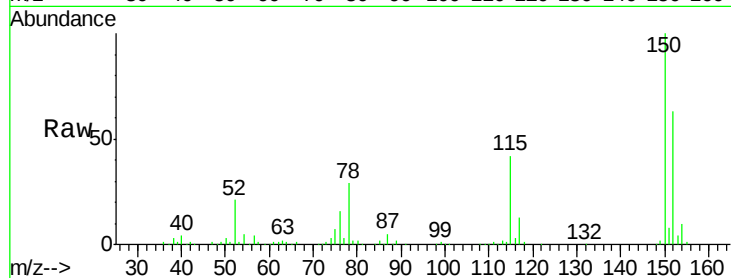
Tgt Ion:152 Resp: 164234

Ion Ratio Lower Upper

152 100

150 158.3 128.9 193.3

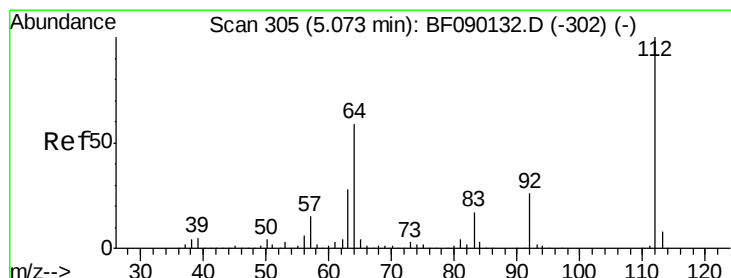
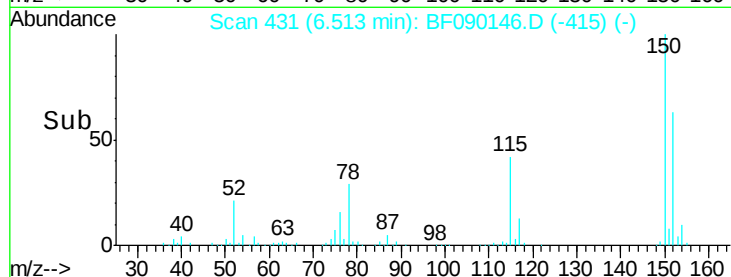
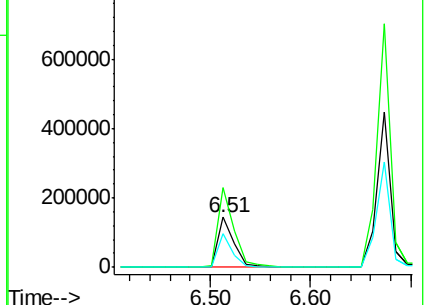
115 66.6 55.5 83.3



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: 93.05 ng

RT: 5.08 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF090146.D

Acq: 20 Sep 2016 20:58

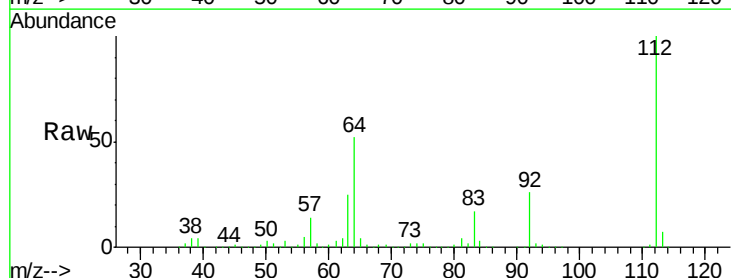
Tgt Ion:112 Resp: 937498

Ion Ratio Lower Upper

112 100

64 52.2 39.8 59.6

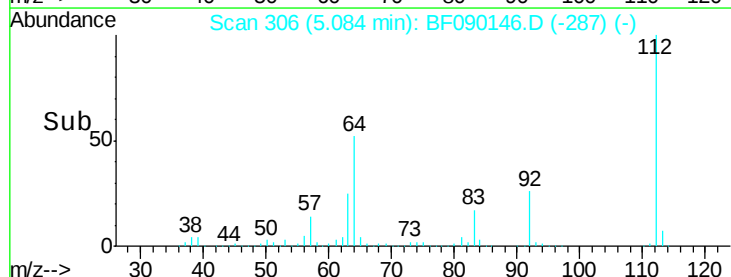
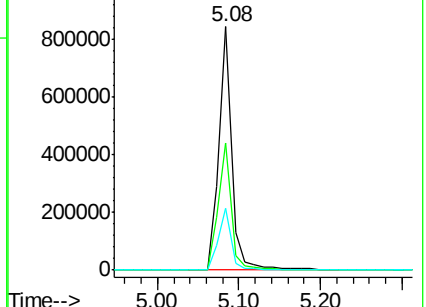
63 25.4 18.9 28.3



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: 102.93 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF090146.D

Acq: 20 Sep 2016 20:58

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A2A

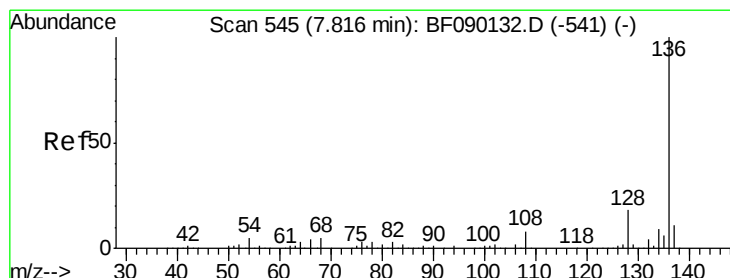
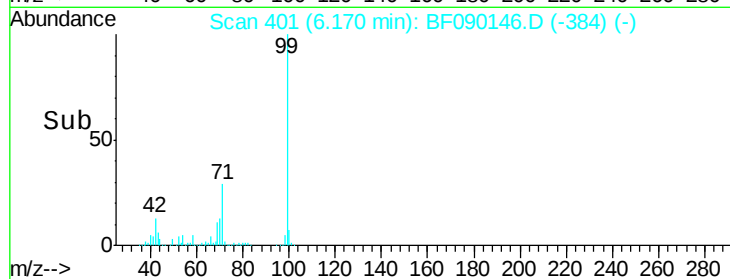
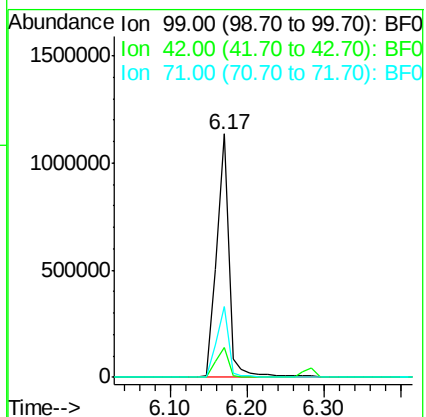
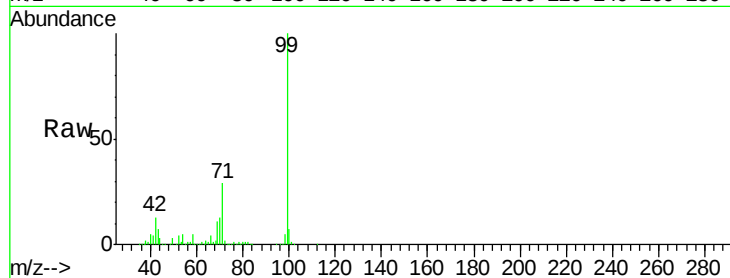
Tgt Ion: 99 Resp: 1280795

Ion Ratio Lower Upper

99 100

42 12.5 10.6 15.8

71 28.9 23.0 34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF090146.D

Acq: 20 Sep 2016 20:58

Tgt Ion: 136 Resp: 663032

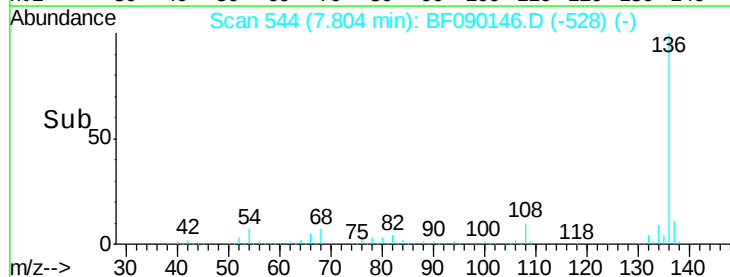
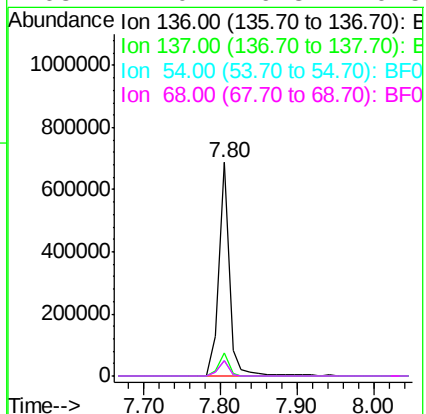
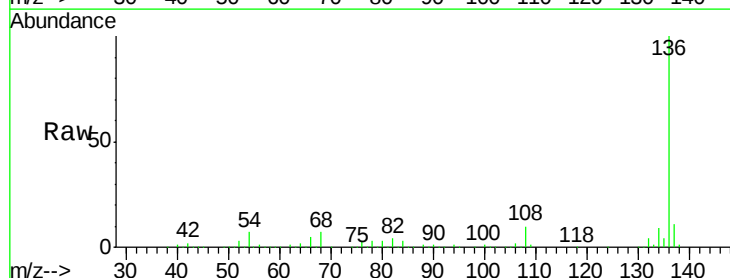
Ion Ratio Lower Upper

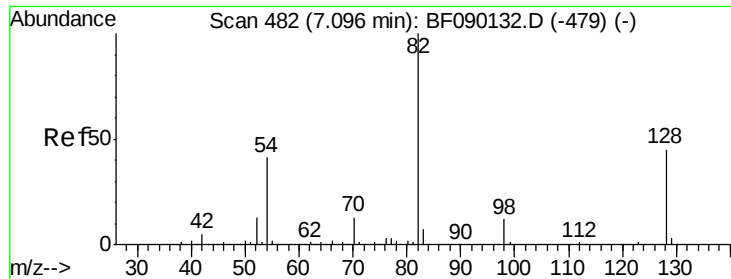
136 100

137 11.0 9.0 13.4

54 7.1 6.4 9.6

68 7.0 6.3 9.5

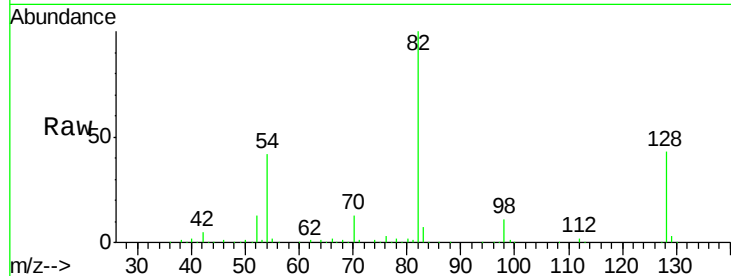




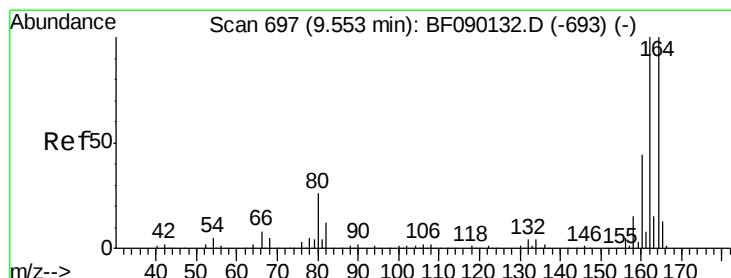
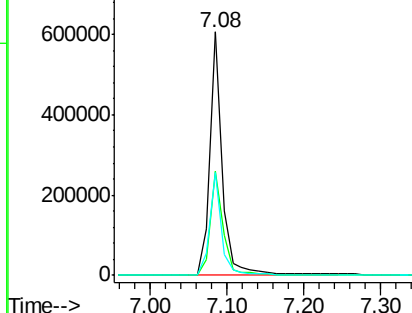
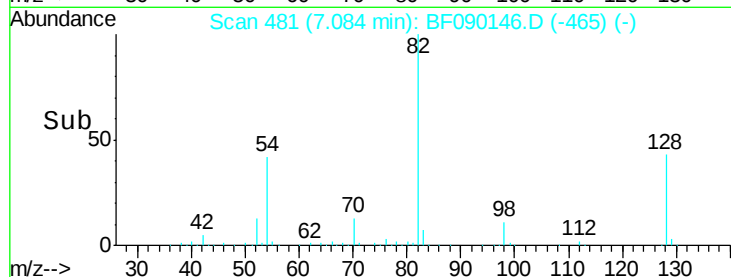
#23
 Nitrobenzene-d5
 Concen: 59.49 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF090146.D
 Acq: 20 Sep 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A2A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	37.5	56.3
54	42.1	31.9	47.9

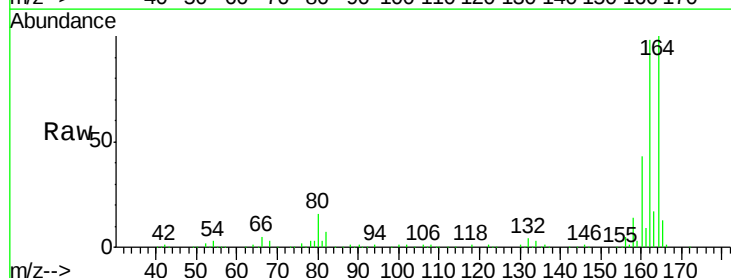


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

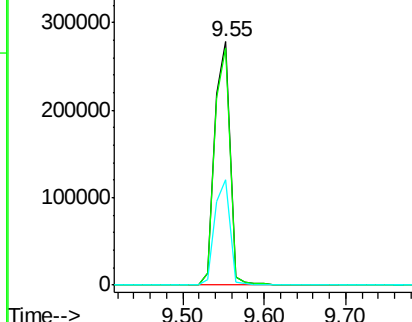
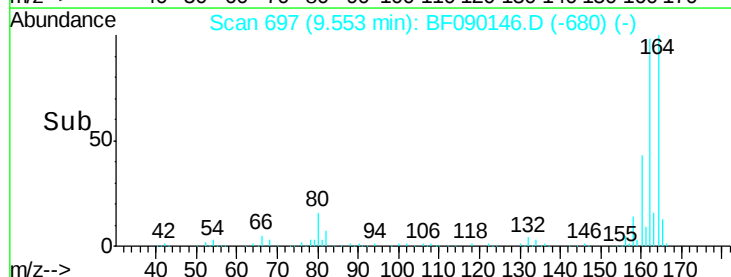


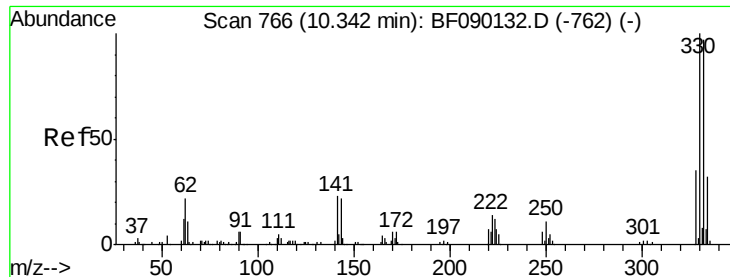
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF090146.D
 Acq: 20 Sep 2016 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	81.4	122.2
160	43.2	36.6	54.8



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

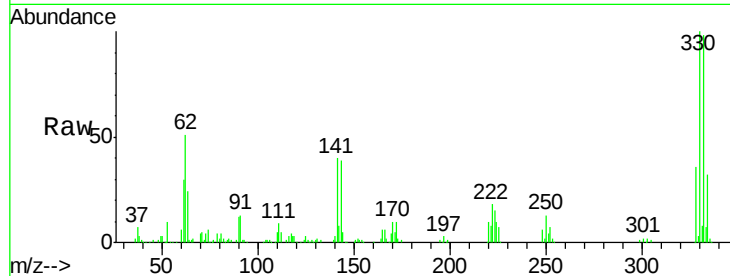




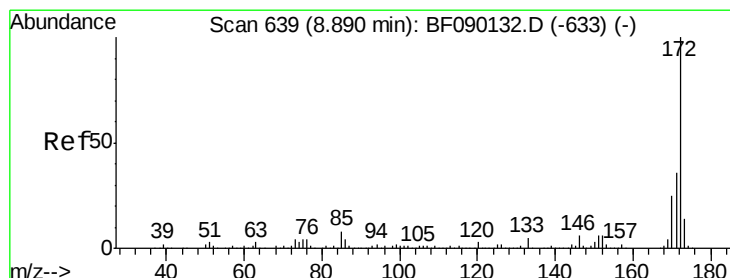
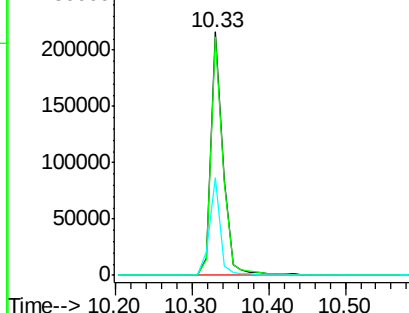
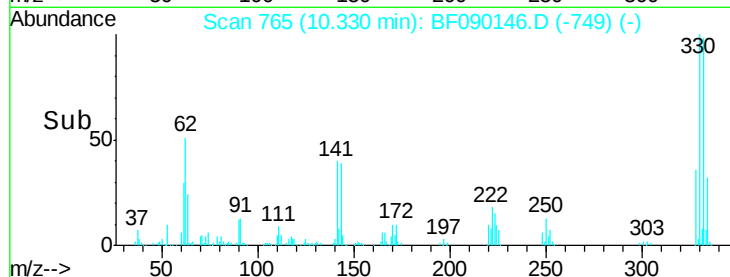
#41
 2,4,6-Tribromophenol
 Concen: 75.30 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090146.D
 Acq: 20 Sep 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A2A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.1	117.1
141	35.9	23.9	35.9#

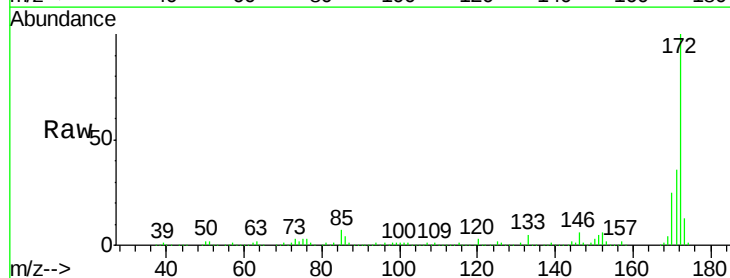


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

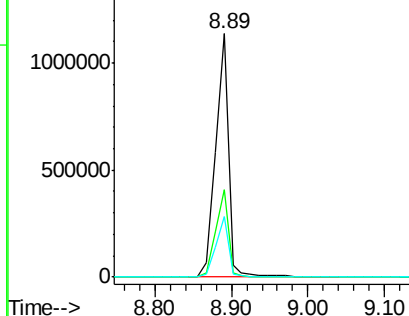
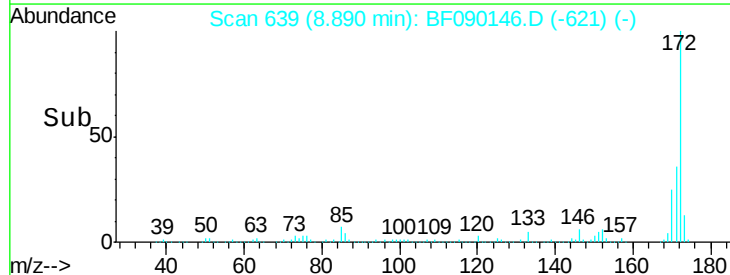


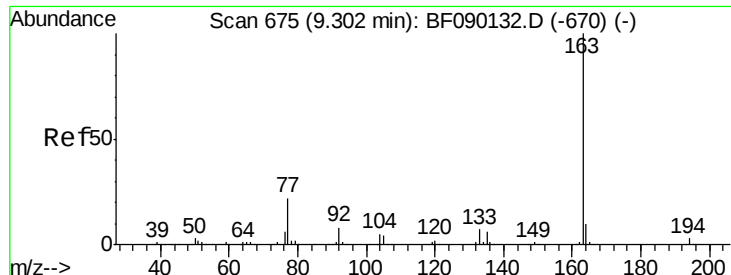
#44
 2-Fluorobiphenyl
 Concen: 71.11 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF090146.D
 Acq: 20 Sep 2016 20:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.7	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





#49

Dimethylphthalate

Concen: 26.47 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090146.D

Acq: 20 Sep 2016 20:58

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A2A

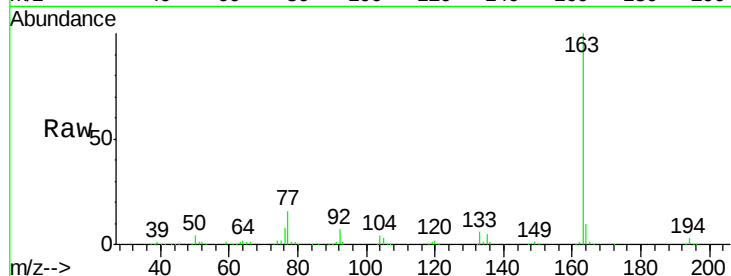
Tgt Ion:163 Resp: 614678

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

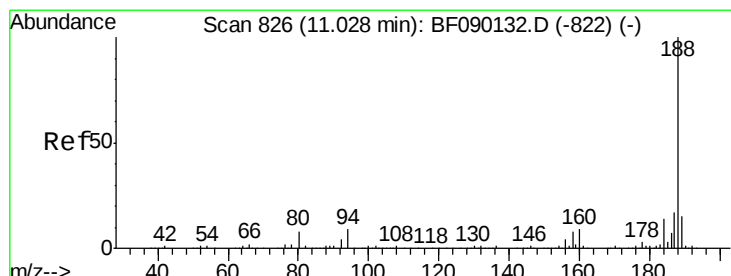
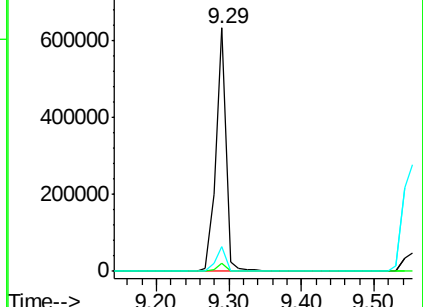
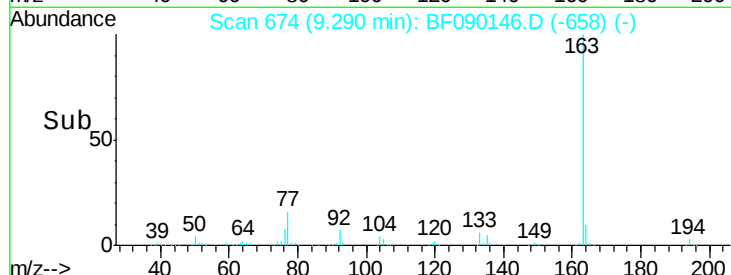
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF090146.D

Acq: 20 Sep 2016 20:58

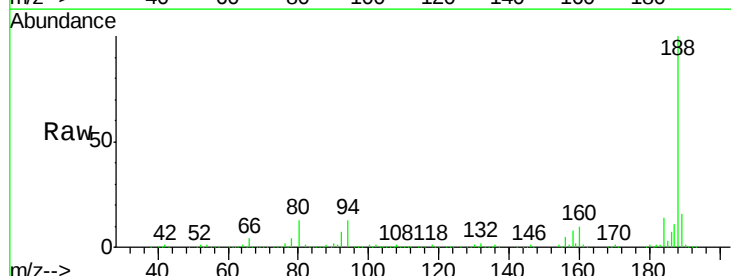
Tgt Ion:188 Resp: 578543

Ion Ratio Lower Upper

188 100

94 13.0 10.5 15.7

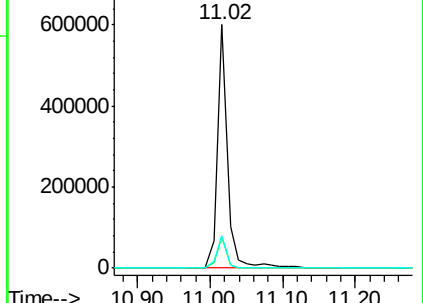
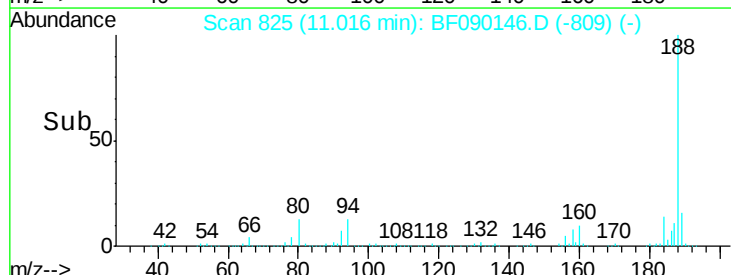
80 13.5 11.2 16.8

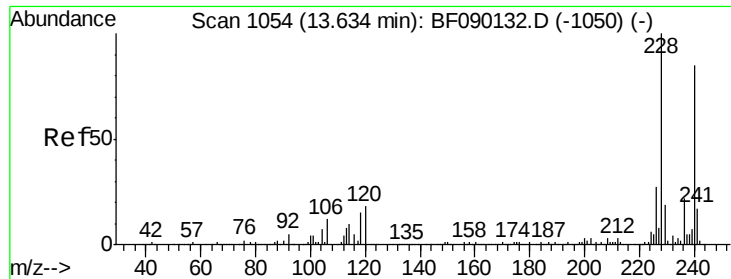


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF090146.D

Acq: 20 Sep 2016 20:58

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A2A

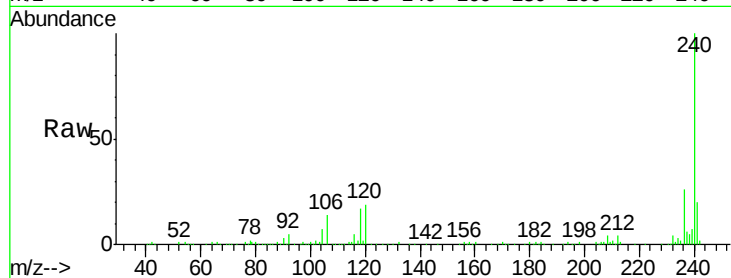
Tgt Ion:240 Resp: 415480

Ion Ratio Lower Upper

240 100

120 19.4 10.6 16.0#

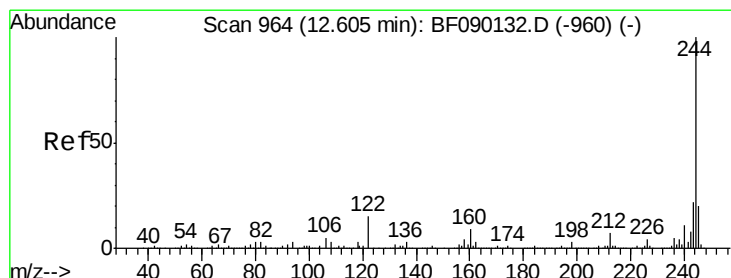
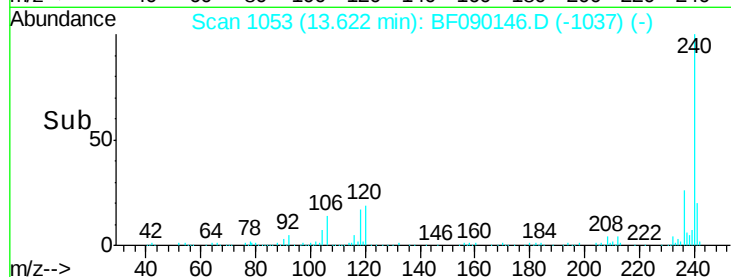
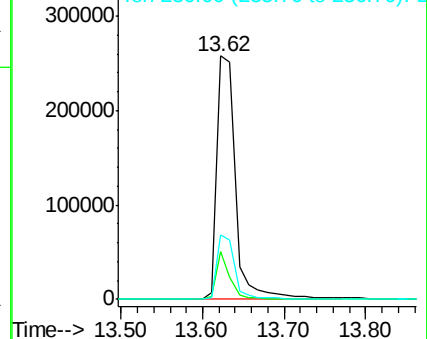
236 26.3 21.6 32.4



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: 63.94 ng

RT: 12.60 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF090146.D

Acq: 20 Sep 2016 20:58

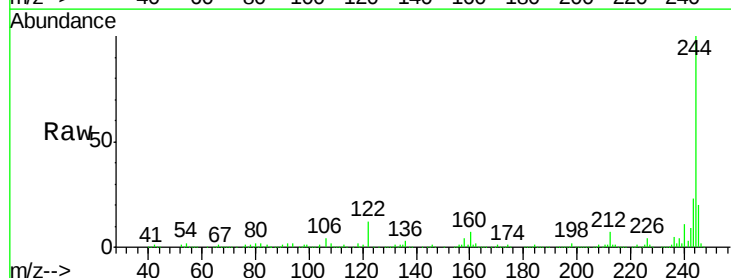
Tgt Ion:244 Resp: 1046391

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

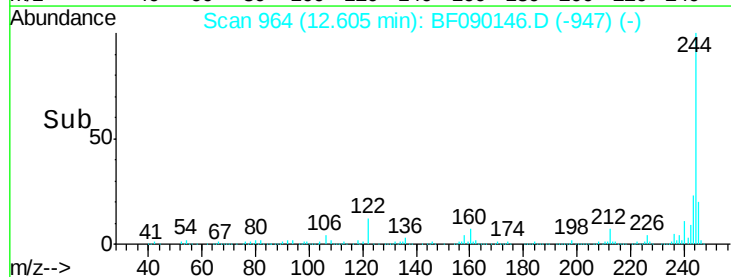
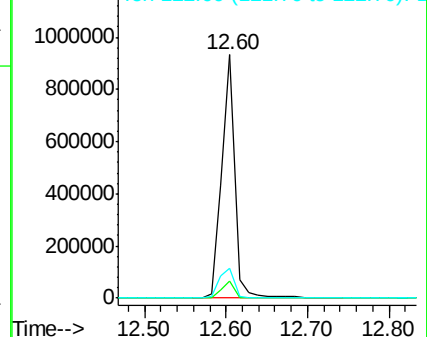
122 12.3 9.4 14.0

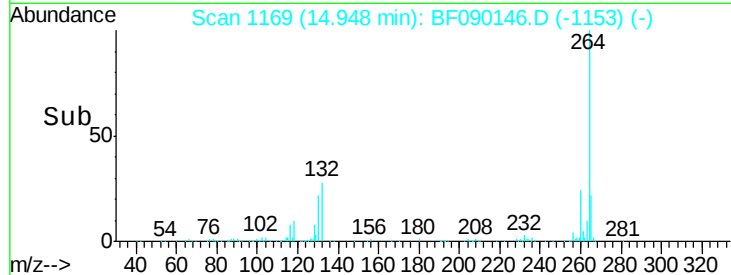
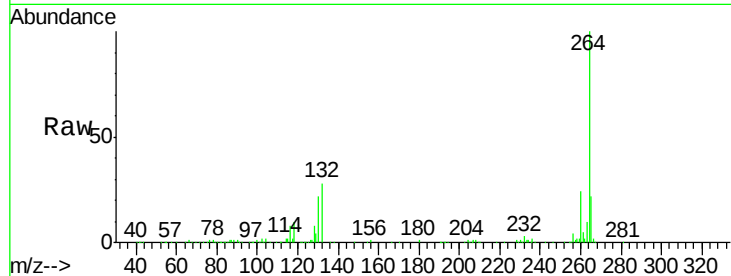
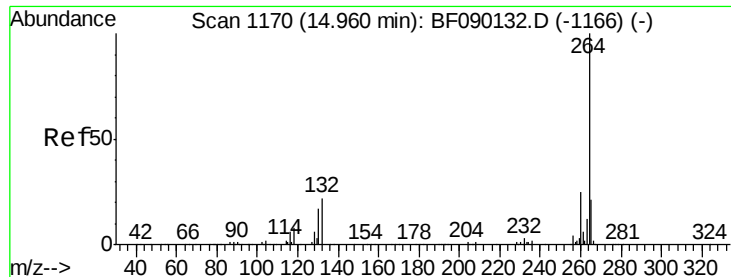


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF090146.D
Acq: 20 Sep 2016 20:58

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A2A

Tgt Ion:	264	Resp:	313080
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.7	17.0	25.4

