

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
 Data File : BF090231.D
 Acq On : 26 Sep 2016 19:45
 Operator : UM/SJ
 Sample : H4946-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-092216

Quant Time: Sep 27 01:30:36 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	140807	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	556332	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	332243	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	499519	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	437991	20.00	ng	-0.01
86) Perylene-d12	14.90	264	314599	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	425654	49.27	ng	0.00
7) Phenol-d6	6.12	99	364796	34.19	ng	-0.01
23) Nitrobenzene-d5	7.05	82	735883	76.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	350138	122.84	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1222071	72.21	ng	-0.01
78) Terphenyl-d14	12.56	244	1233132	71.48	ng	0.00

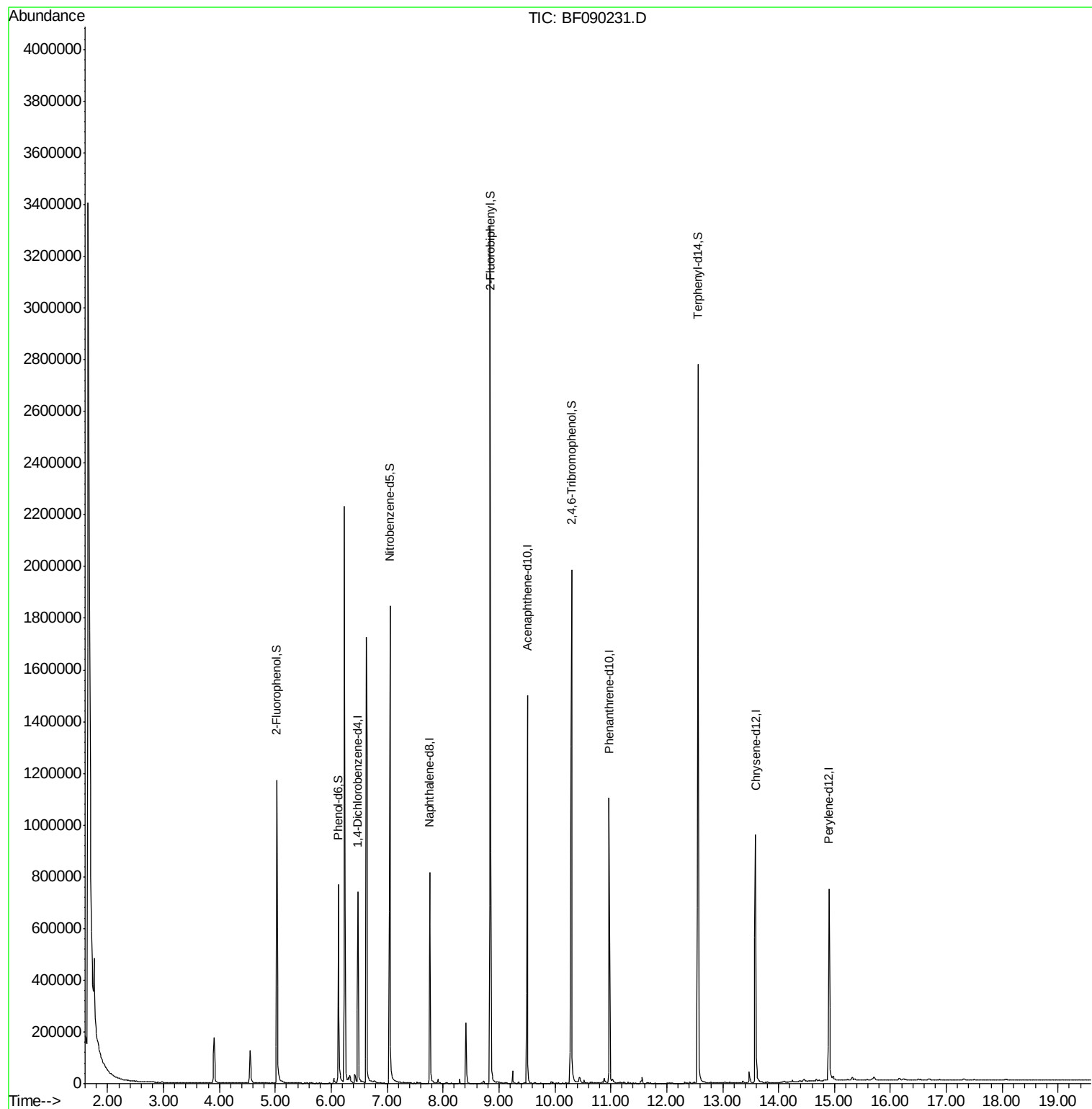
Target Compounds Qvalue

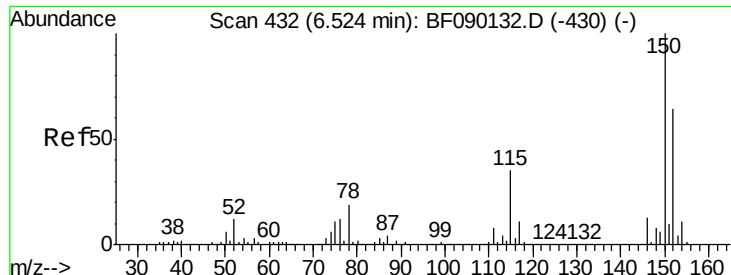
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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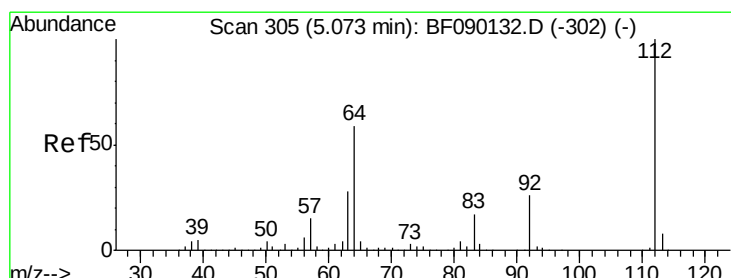
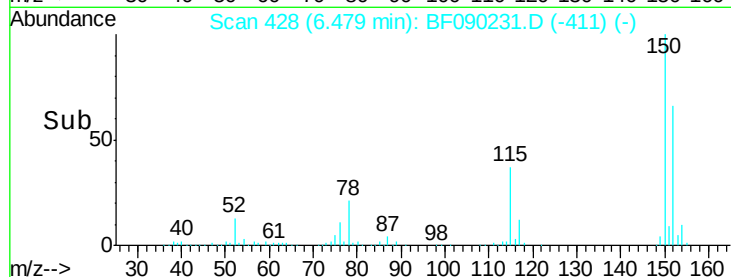
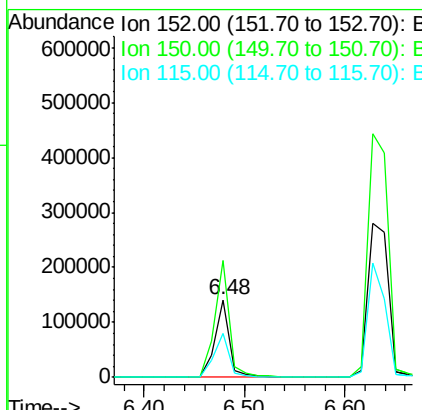
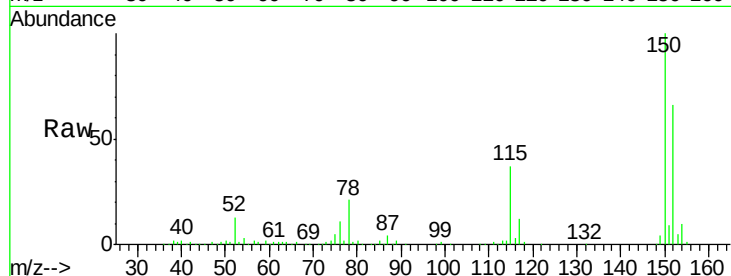


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF090231.D
Acq: 26 Sep 2016 19:45

Instrument :
BNA_F
ClientSampleId :
MW-04S-092216

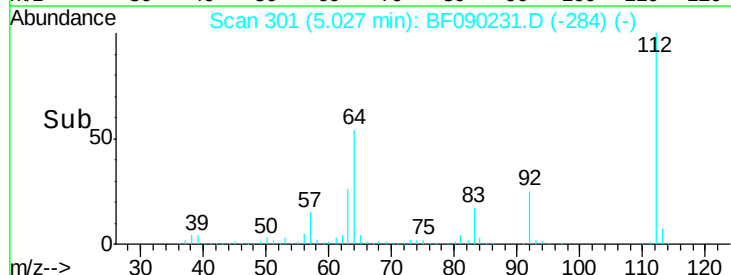
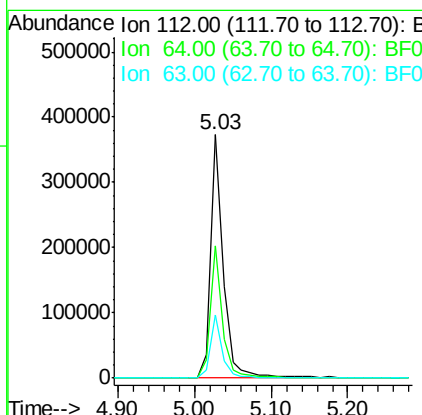
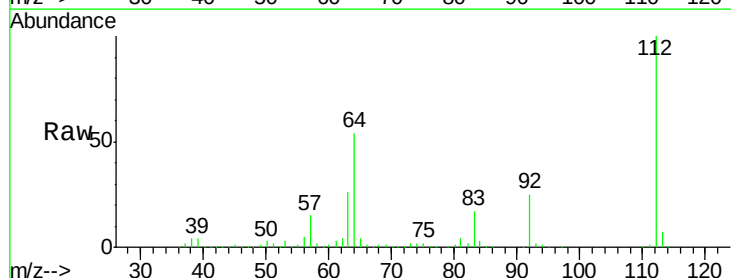
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	128.9	193.3
115	56.1	55.5	83.3

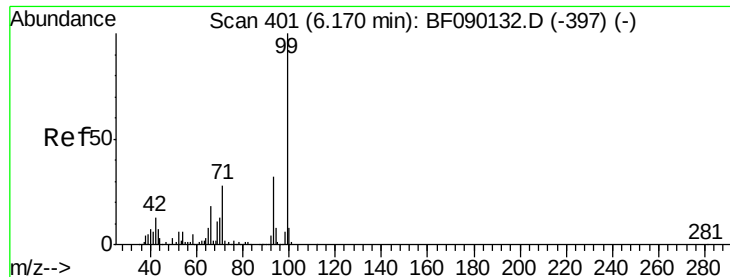


#5

2-Fluorophenol
Concen: 49.27 ng
RT: 5.03 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF090231.D
Acq: 26 Sep 2016 19:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	39.8	59.6
63	26.1	18.9	28.3





#7

Phenol-d6

Concen: 34.19 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090231.D

Acq: 26 Sep 2016 19:45

Instrument :

BNA_F

ClientSampleId :

MW-04S-092216

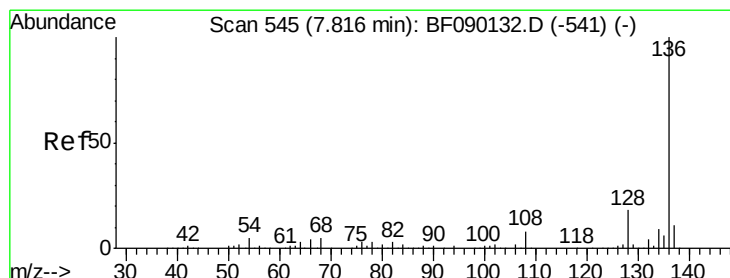
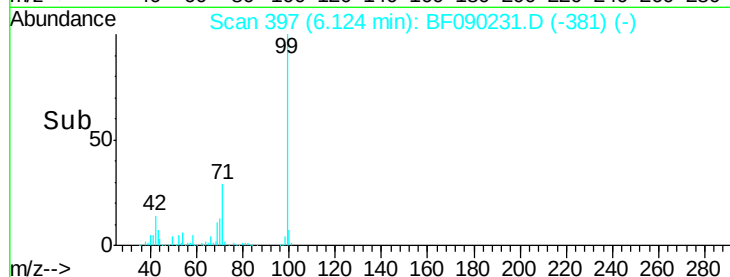
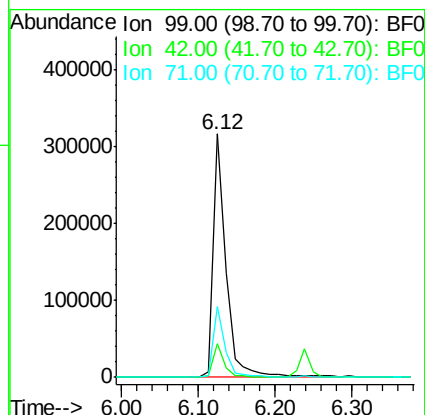
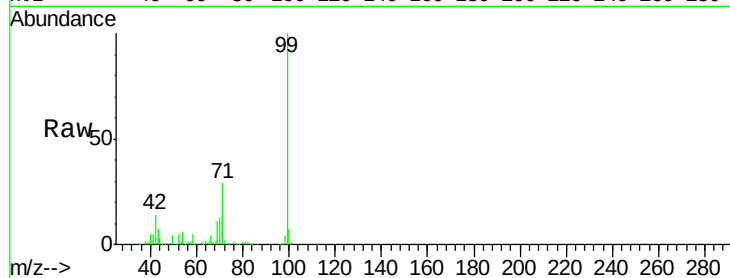
Tot Ion: 99 Resp: 364796

Ion Ratio Lower Upper

99 100

42 13.7 10.6 15.8

71 29.0 23.0 34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF090231.D

Acq: 26 Sep 2016 19:45

Tgt Ion: 136 Resp: 556332

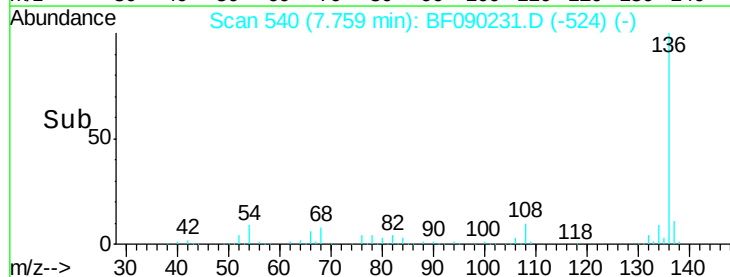
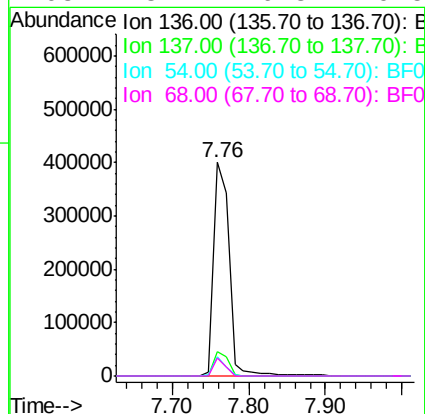
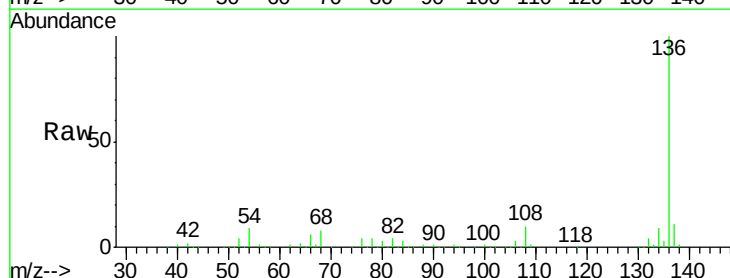
Ion Ratio Lower Upper

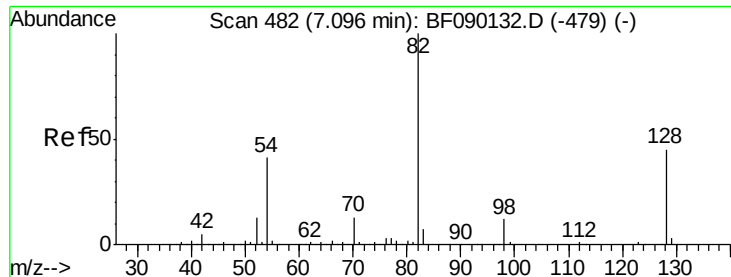
136 100

137 11.4 9.0 13.4

54 8.8 6.4 9.6

68 8.2 6.3 9.5

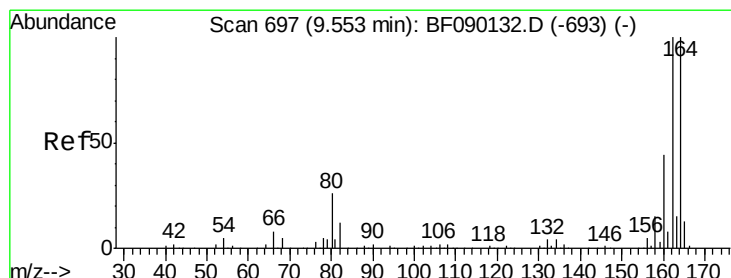
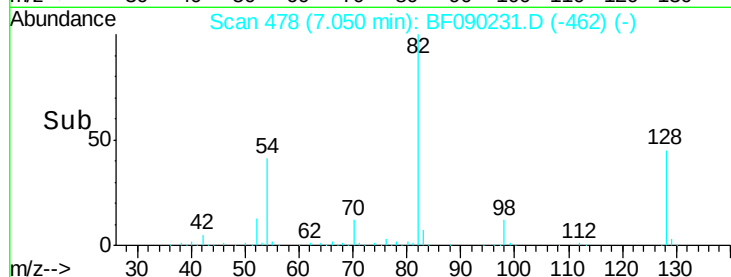
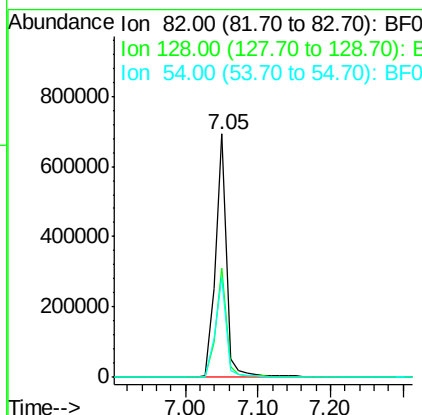
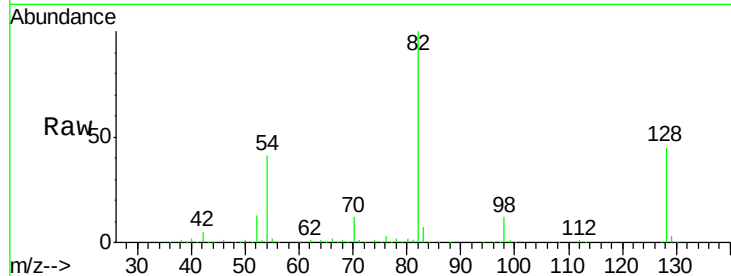




#23
 Nitrobenzene-d5
 Concen: 76.68 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090231.D
 Acq: 26 Sep 2016 19:45

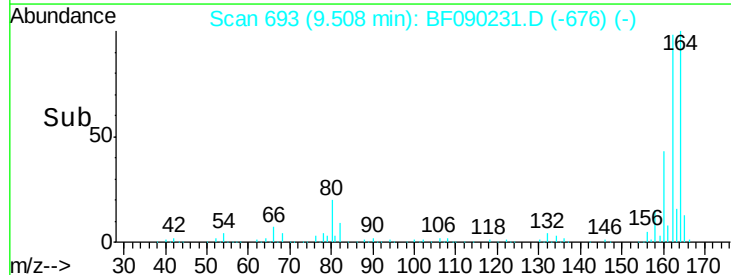
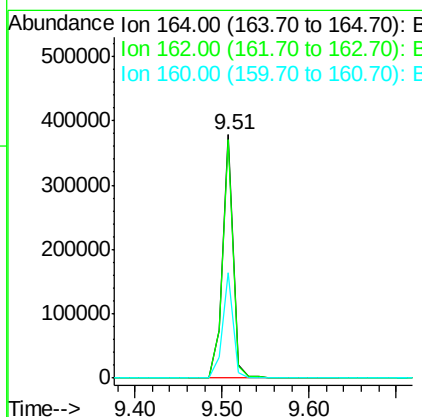
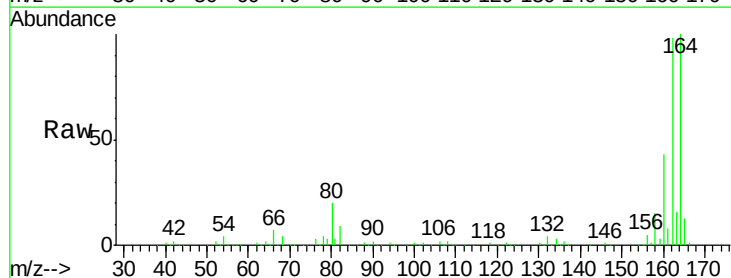
Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-092216

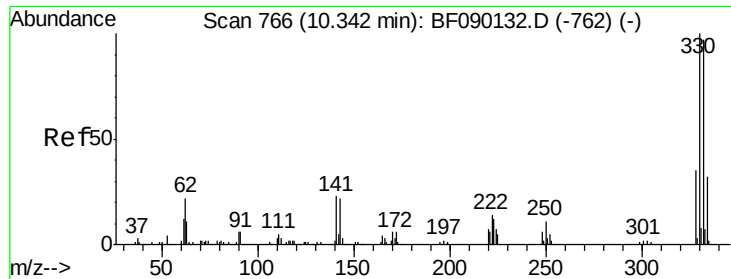
Tot Ion	82	Resp	735883
Ion Ratio	100	Lower	Upper
128	45.1	37.5	56.3
54	41.3	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF090231.D
 Acq: 26 Sep 2016 19:45

Tgt Ion	164	Resp	332243
Ion Ratio	100	Lower	Upper
162	98.1	81.4	122.2
160	43.1	36.6	54.8

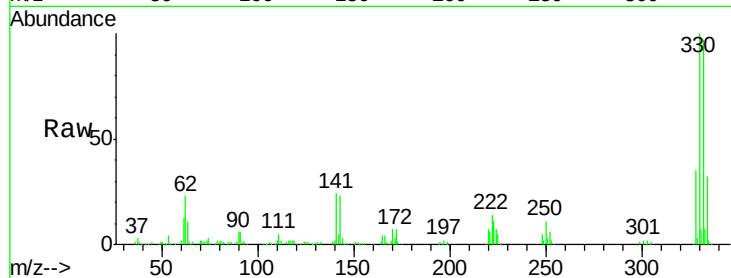




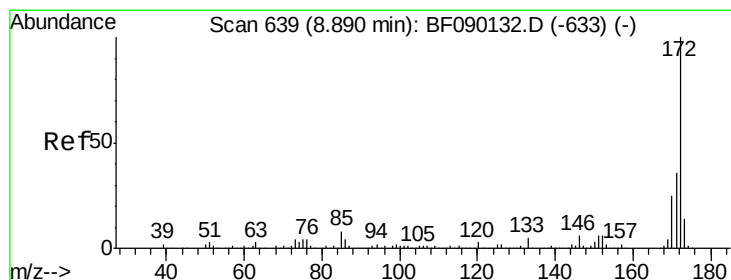
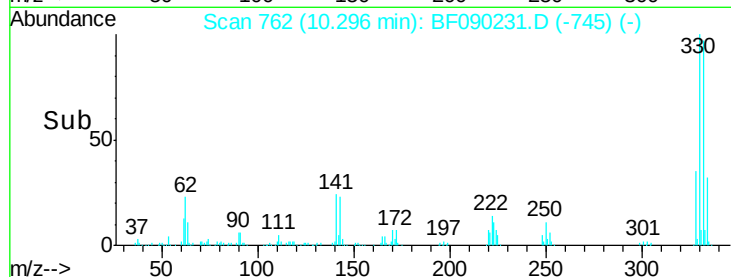
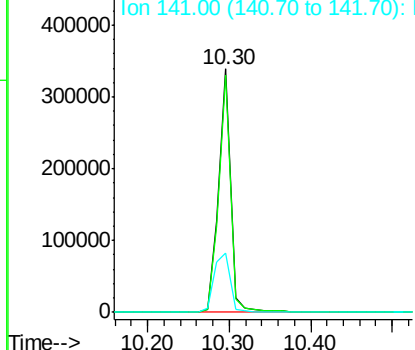
#41
 2,4,6-Tribromophenol
 Concen: 122.84 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090231.D
 Acq: 26 Sep 2016 19:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-092216

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.1	117.1
141	32.6	23.9	35.9

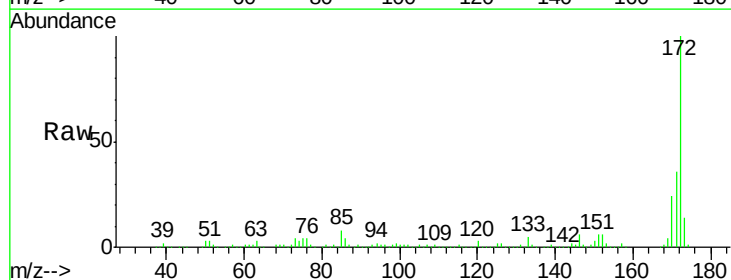


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

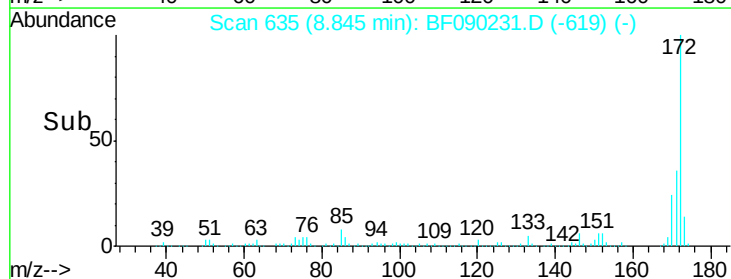
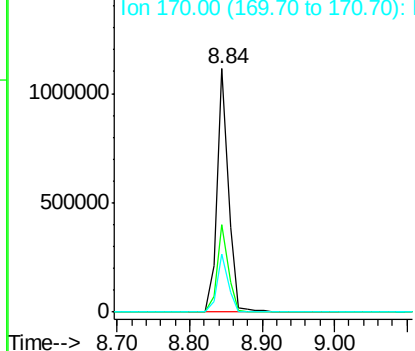


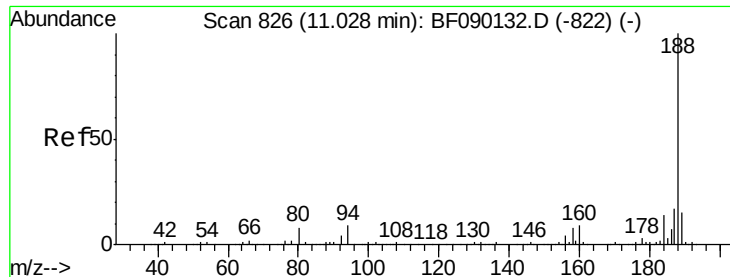
#44
 2-Fluorobiphenyl
 Concen: 72.21 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090231.D
 Acq: 26 Sep 2016 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.9	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

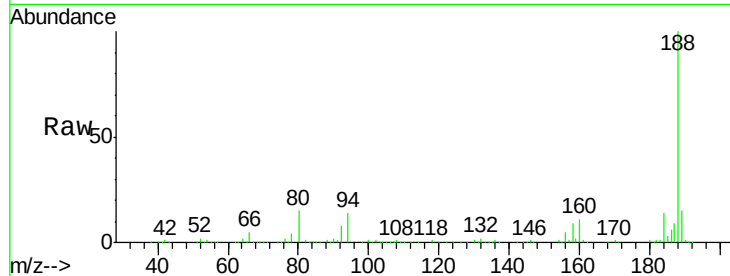




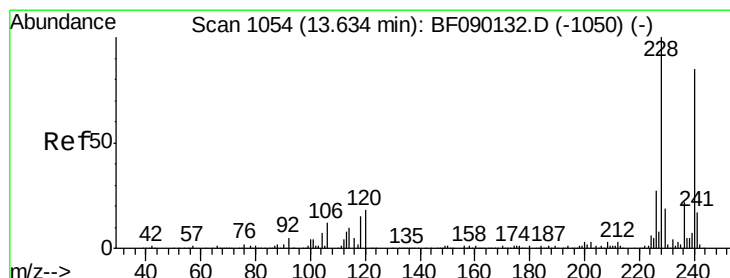
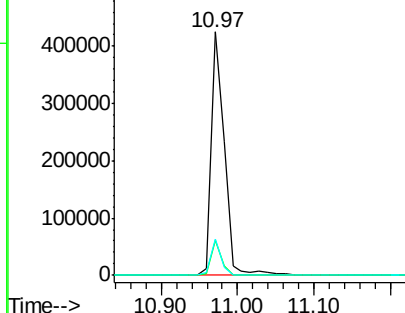
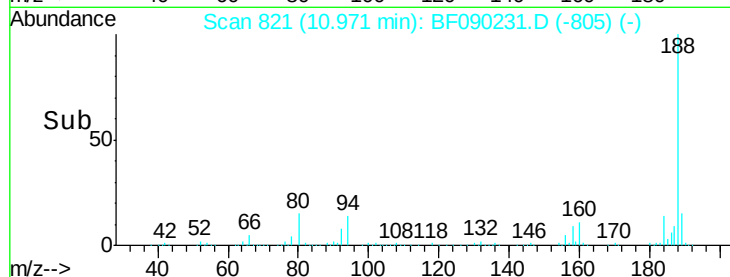
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090231.D
Acq: 26 Sep 2016 19:45

Instrument :
BNA_F
ClientSampleId :
MW-04S-092216

Tot Ion:188 Resp: 499519
Ion Ratio Lower Upper
188 100
94 14.3 10.5 15.7
80 15.0 11.2 16.8

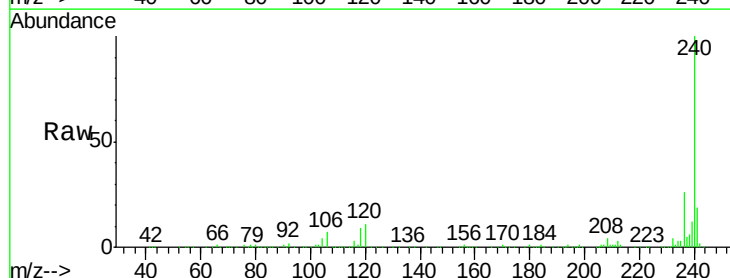


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

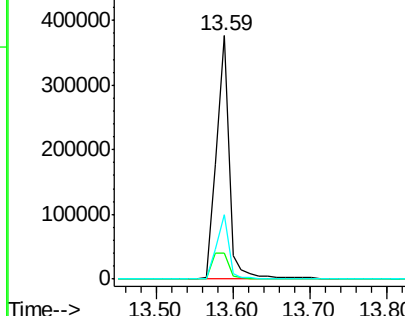
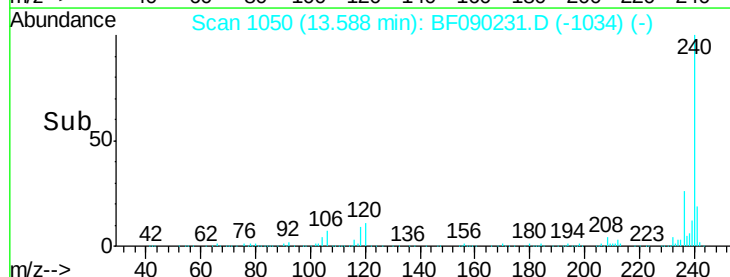


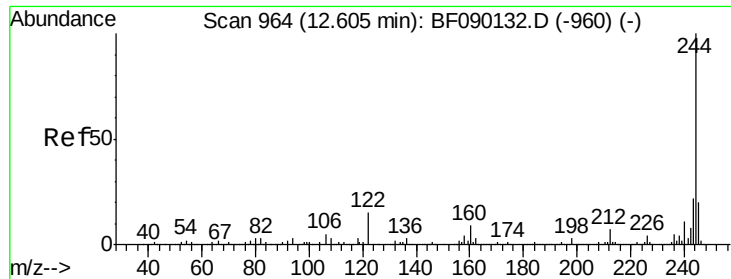
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF090231.D
Acq: 26 Sep 2016 19:45

Tgt Ion:240 Resp: 437991
Ion Ratio Lower Upper
240 100
120 10.7 10.6 16.0
236 26.2 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

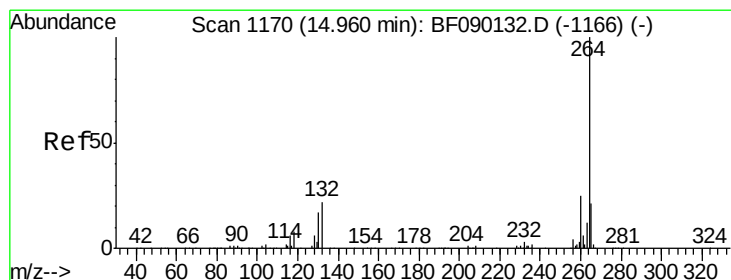
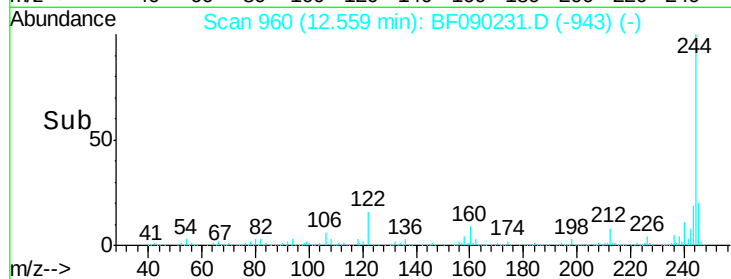
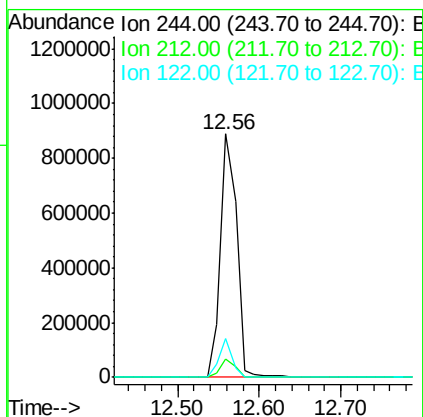
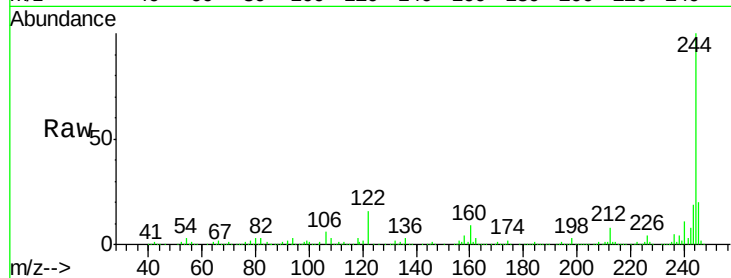




#78
 Terphenyl-d14
 Concen: 71.48 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF090231.D
 Acq: 26 Sep 2016 19:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-092216

Tot Ion:244 Resp: 1233132
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 16.1 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090231.D
 Acq: 26 Sep 2016 19:45

Tgt Ion:264 Resp: 314599
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.9 17.0 25.4

