

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090912.D
 Acq On : 28 Oct 2016 17:05
 Operator : UM/SJ
 Sample : H5451-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-102616

Quant Time: Oct 28 18:55:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	146953	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	589532	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	335577	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	528380	20.00	ng	0.00
75) Chrysene-d12	13.92	240	398036	20.00	ng	-0.01
86) Perylene-d12	15.33	264	289162	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1275508	151.76	ng	0.01
7) Phenol-d6	6.41	99	1538404	135.67	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1101888	122.36	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	418955	121.48	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1694537	88.67	ng	-0.01
78) Terphenyl-d14	12.88	244	1693194	107.17	ng	0.00

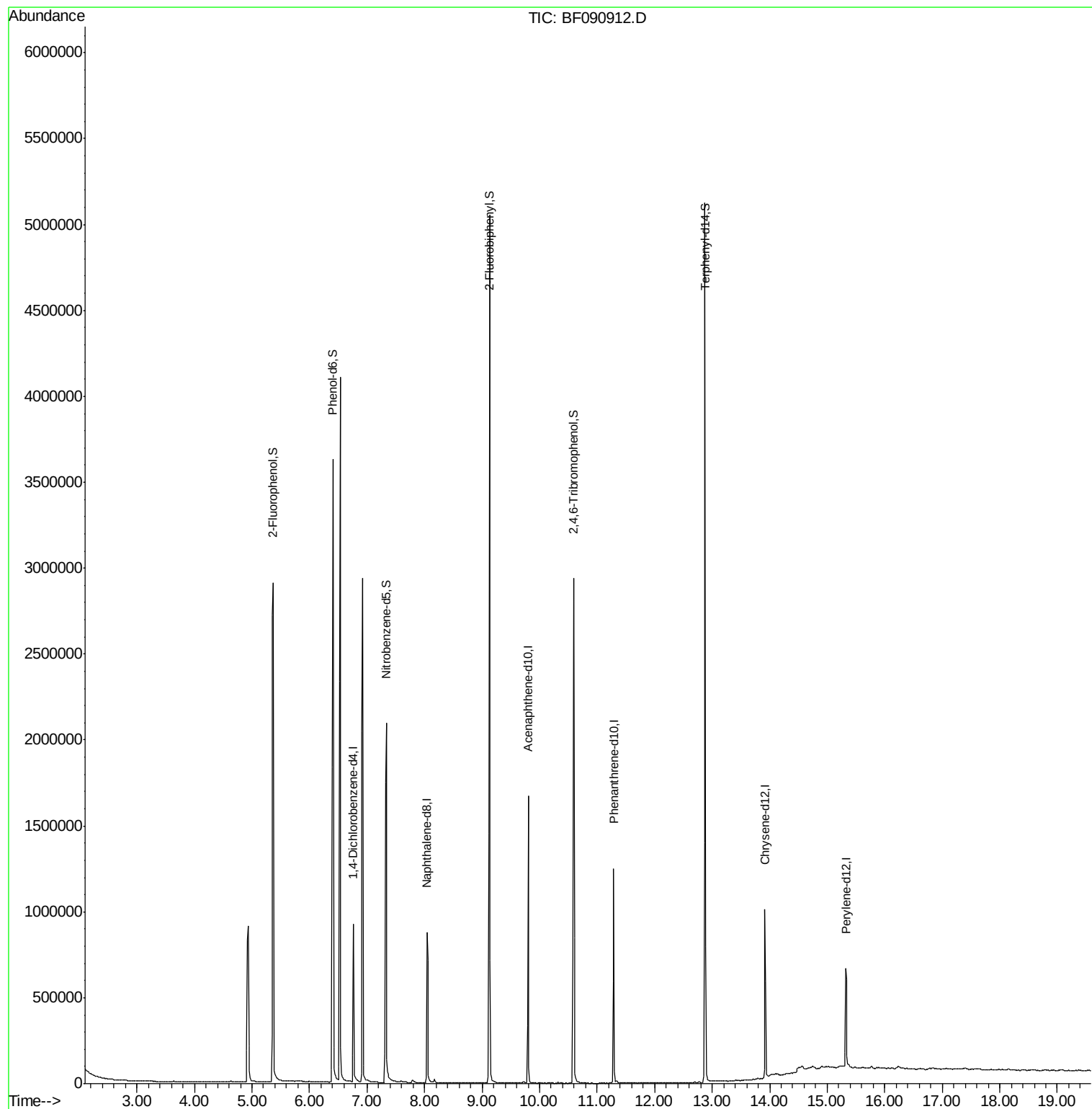
Target Compounds	Qvalue
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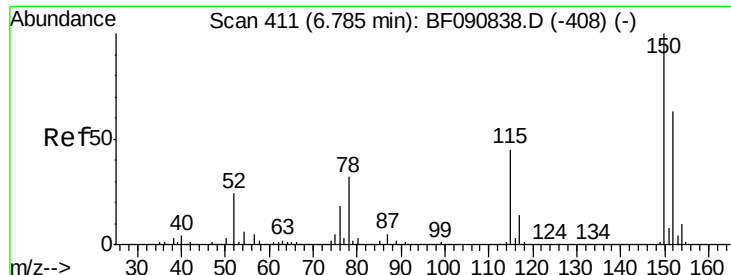
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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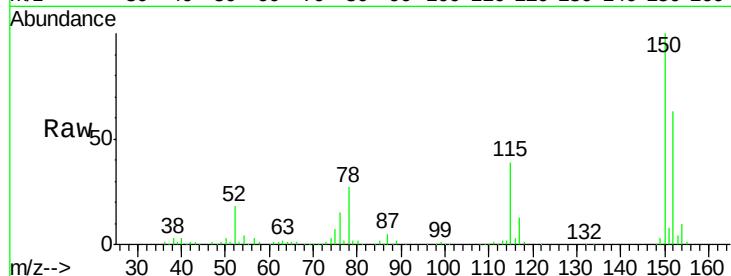




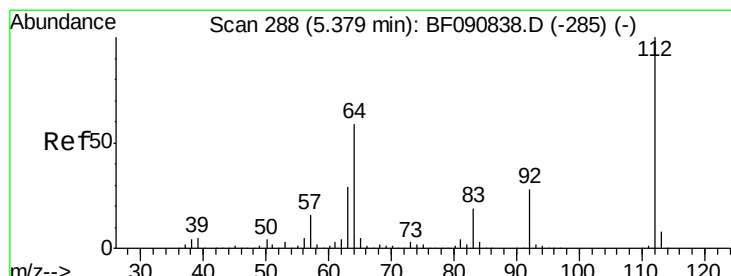
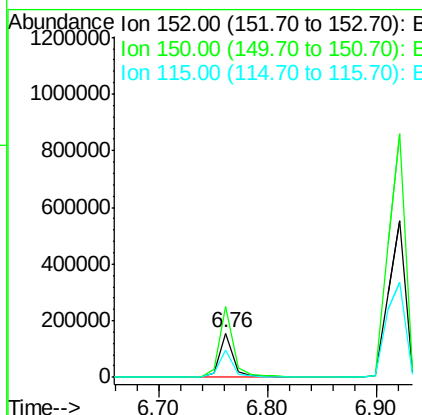
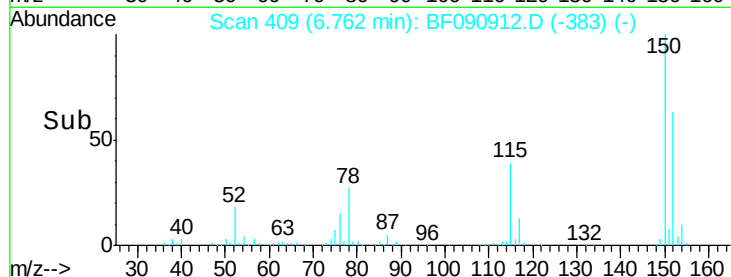
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF090912.D
 Acq: 28 Oct 2016 17:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-102616

Tgt Ion:152 Resp: 146953
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.7 187.1
 115 62.1 39.0 58.4#

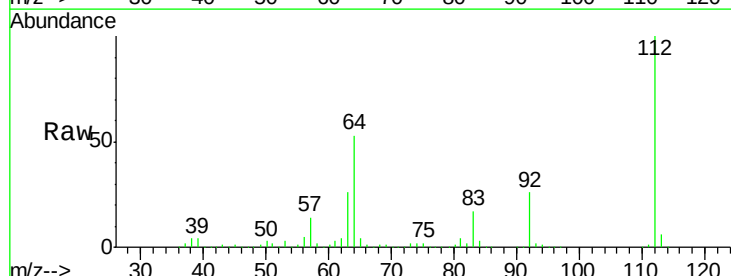


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

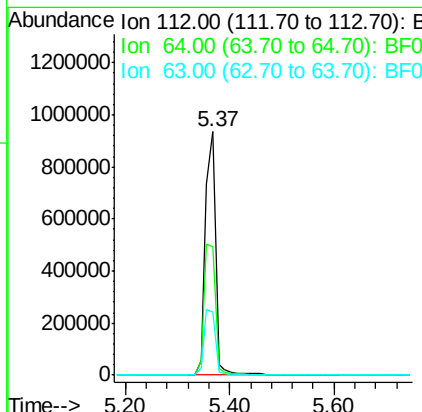
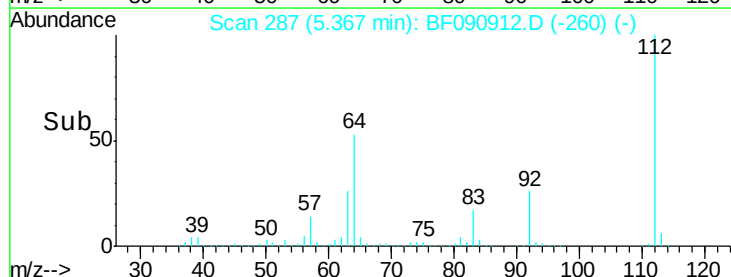


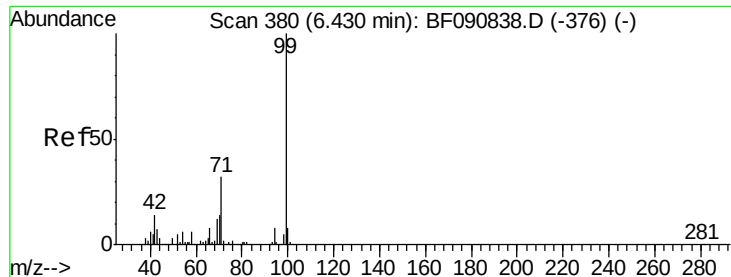
#5
 2-Fluorophenol
 Concen: 151.76 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF090912.D
 Acq: 28 Oct 2016 17:05

Tgt Ion:112 Resp: 1275508
 Ion Ratio Lower Upper
 112 100
 64 52.8 39.7 59.5
 63 26.0 17.4 26.0



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: 135.67 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090912.D

Acq: 28 Oct 2016 17:05

Instrument :

BNA_F

ClientSampleId :

MW-6-102616

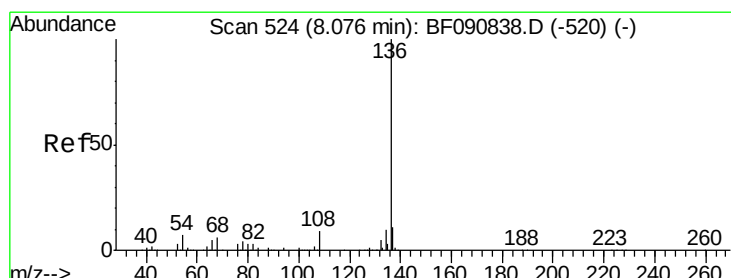
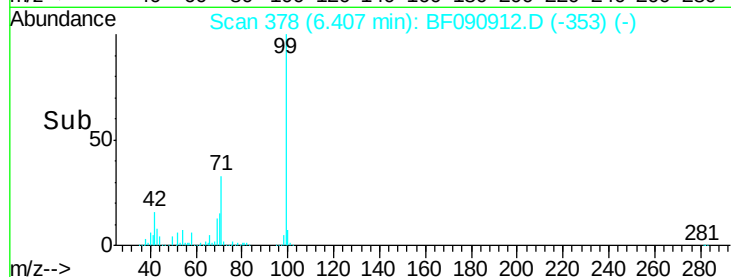
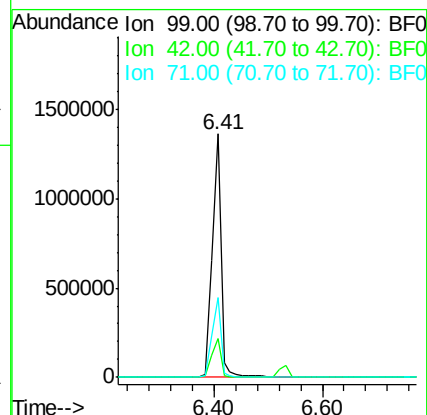
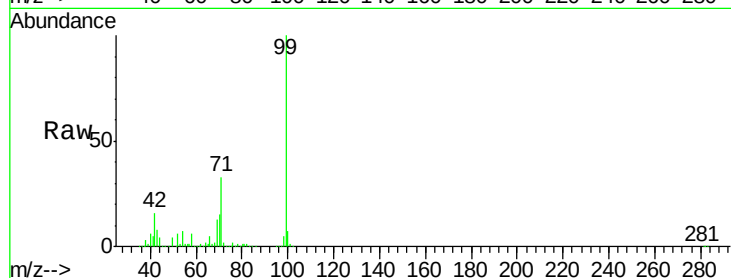
Tgt Ion: 99 Resp: 1538404

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

71 32.9 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF090912.D

Acq: 28 Oct 2016 17:05

Tgt Ion: 136 Resp: 589532

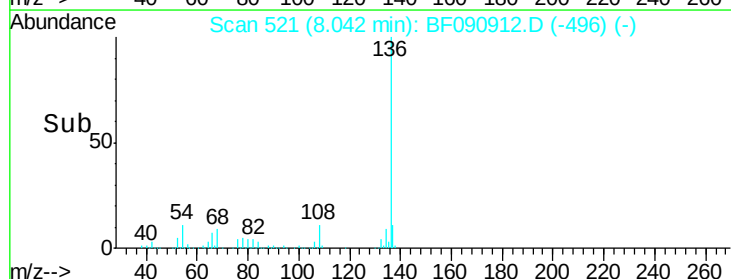
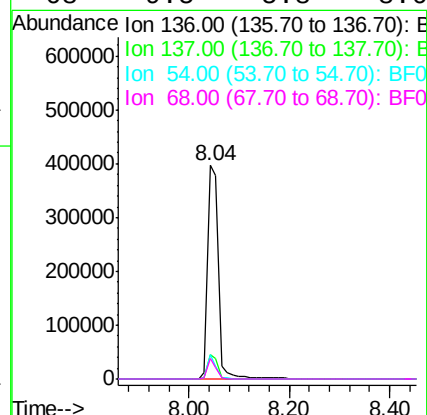
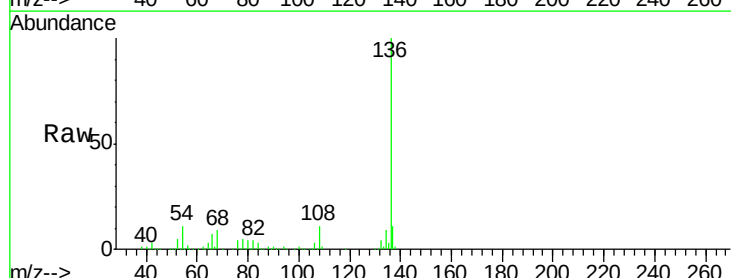
Ion Ratio Lower Upper

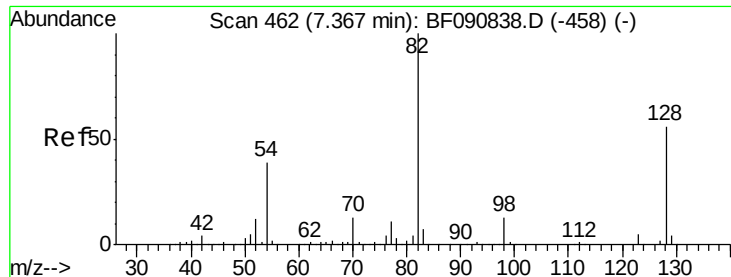
136 100

137 11.4 9.0 13.6

54 11.3 8.2 12.2

68 9.5 5.8 8.6#

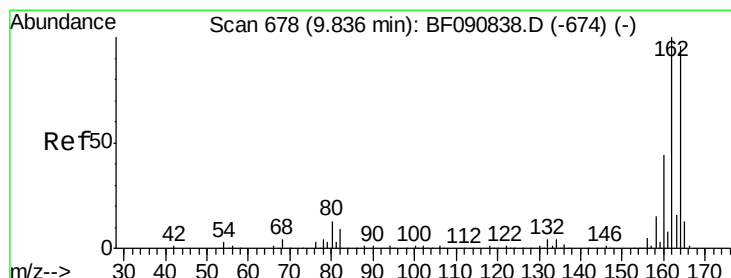
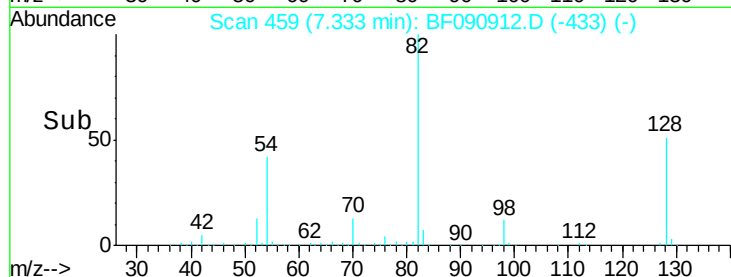
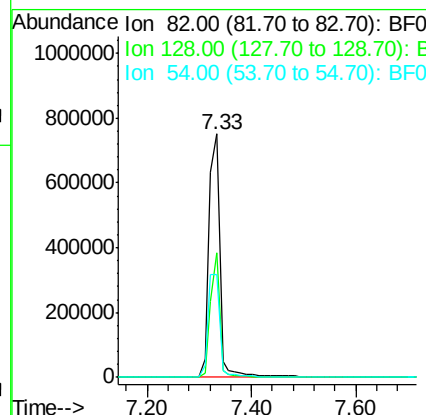
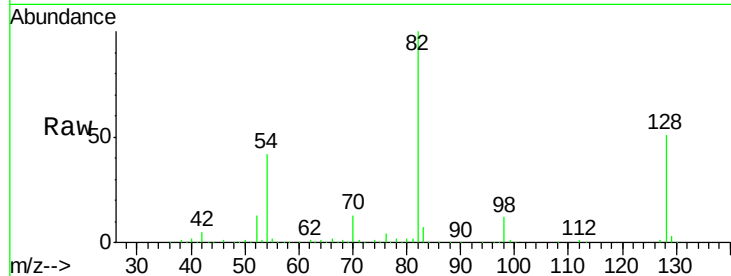




#23
 Nitrobenzene-d5
 Concen: 122.36 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF090912.D
 Acq: 28 Oct 2016 17:05

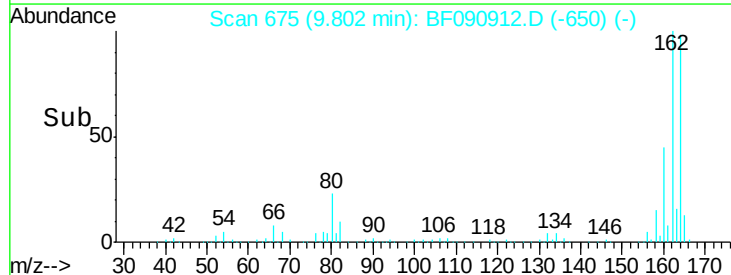
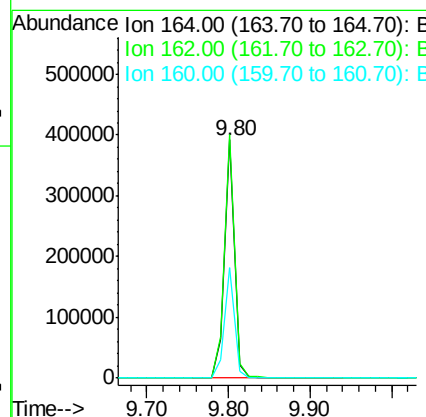
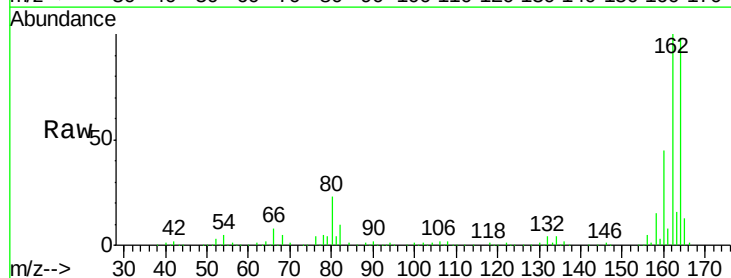
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-102616

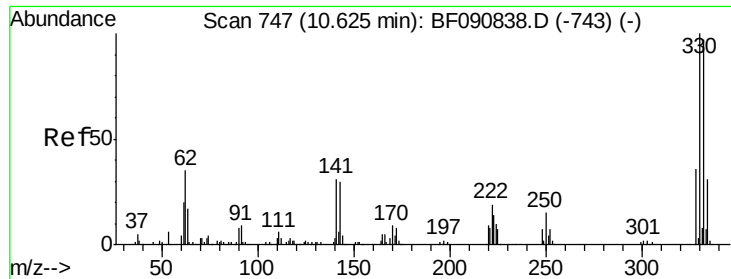
Tgt Ion: 82 Resp: 1101888
 Ion Ratio Lower Upper
 82 100
 128 51.0 51.0 76.6#
 54 42.3 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF090912.D
 Acq: 28 Oct 2016 17:05

Tgt Ion: 164 Resp: 335577
 Ion Ratio Lower Upper
 164 100
 162 102.2 75.2 112.8
 160 46.3 31.5 47.3

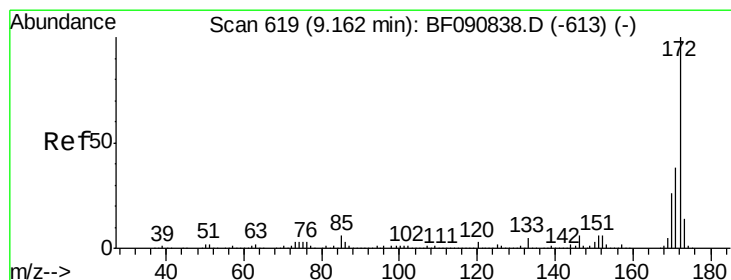
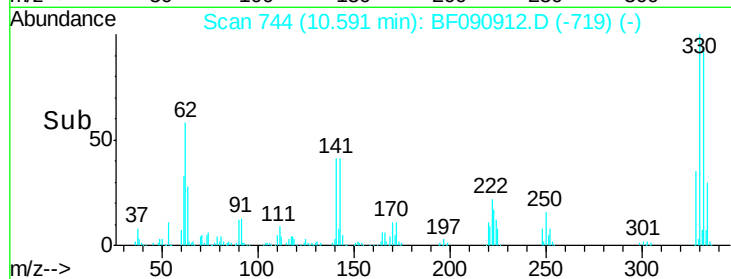
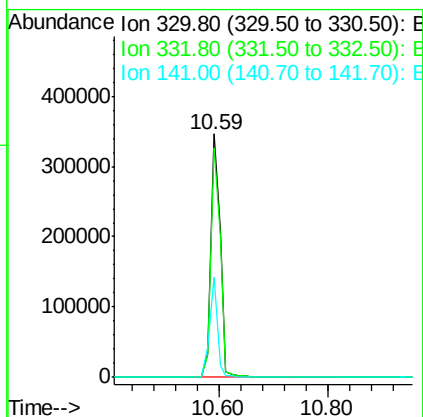
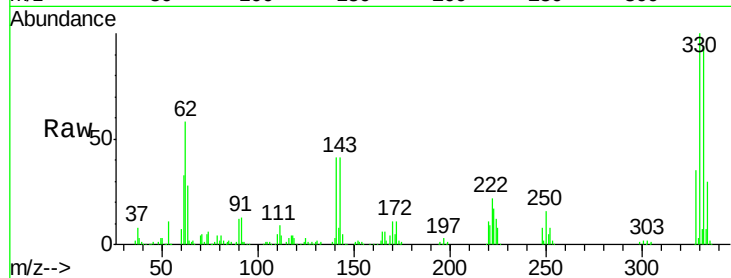




#41
 2,4,6-Tribromophenol
 Concen: 121.48 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090912.D
 Acq: 28 Oct 2016 17:05

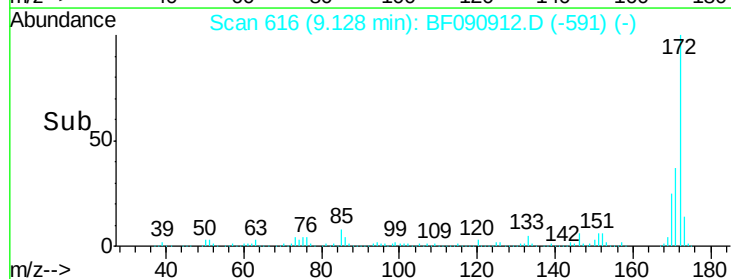
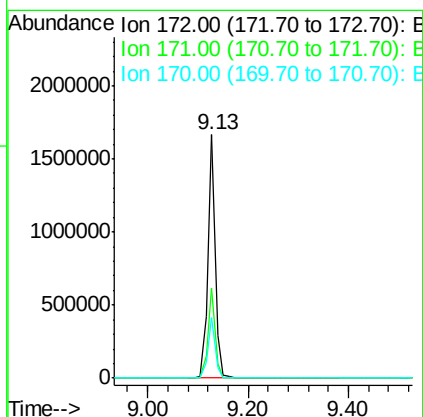
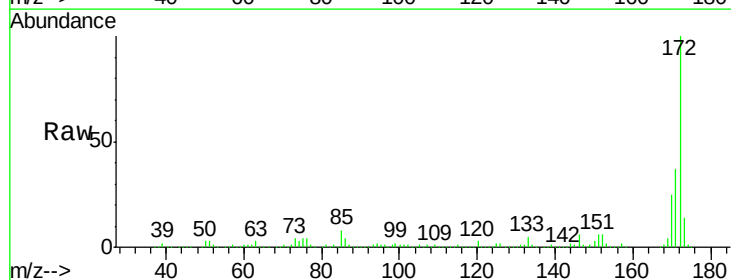
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-102616

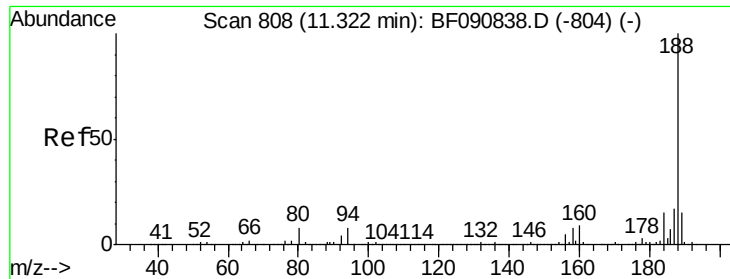
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	34.7	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 88.67 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090912.D
 Acq: 28 Oct 2016 17:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	26.1	39.1
170	25.1	17.4	26.2

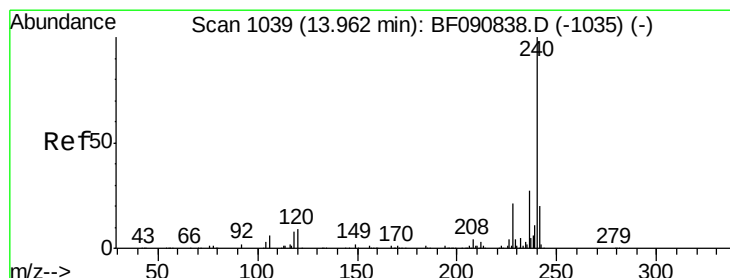
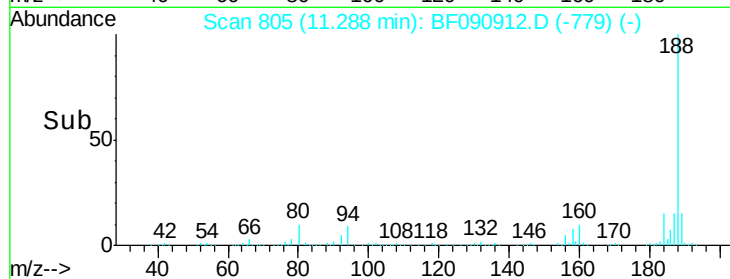
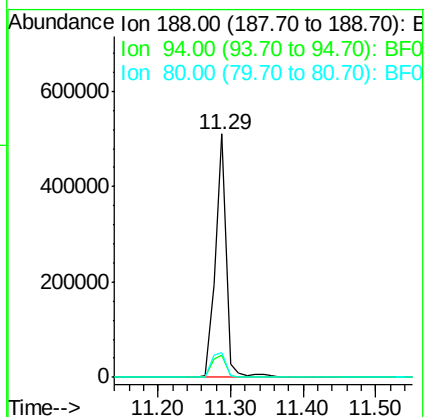
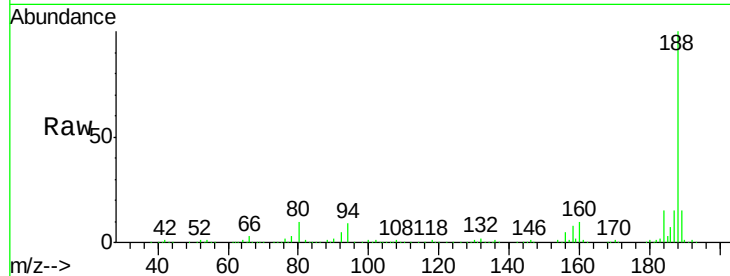




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090912.D
Acq: 28 Oct 2016 17:05

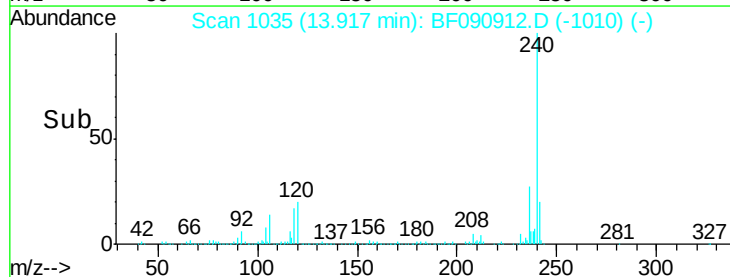
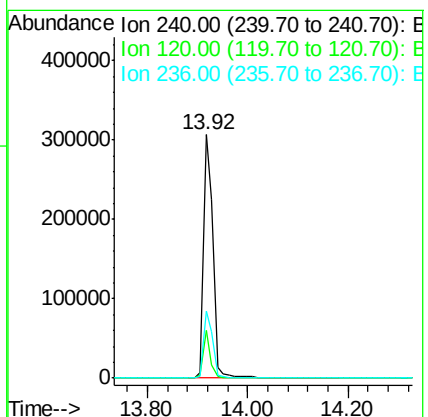
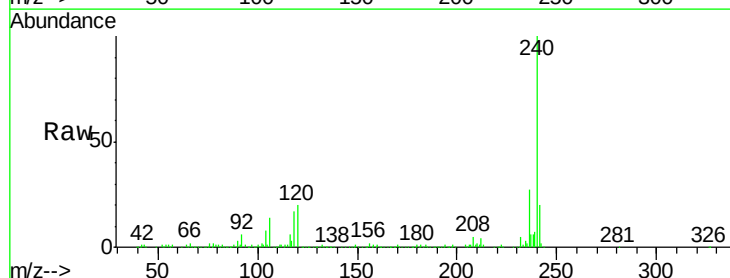
Instrument :
BNA_F
ClientSampleId :
MW-6-102616

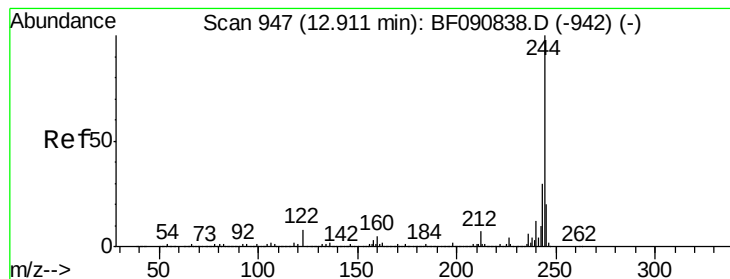
Tgt Ion:188 Resp: 528380
Ion Ratio Lower Upper
188 100
94 9.1 11.1 16.7#
80 10.0 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF090912.D
Acq: 28 Oct 2016 17:05

Tgt Ion:240 Resp: 398036
Ion Ratio Lower Upper
240 100
120 19.6 16.2 24.2
236 27.5 18.4 27.6





#78

Terphenyl-d14

Concen: 107.17 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF090912.D

Acq: 28 Oct 2016 17:05

Instrument :

BNA_F

ClientSampleId :

MW-6-102616

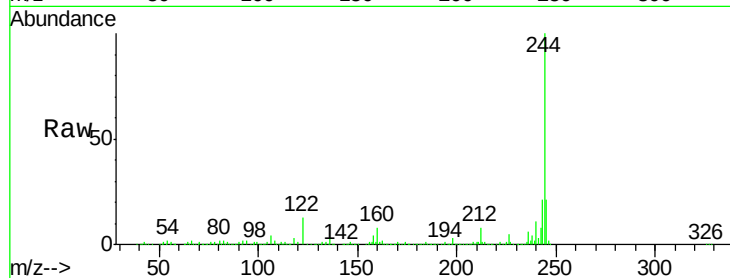
Tgt Ion:244 Resp: 1693194

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

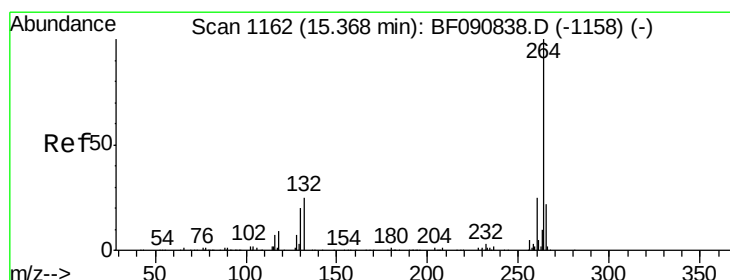
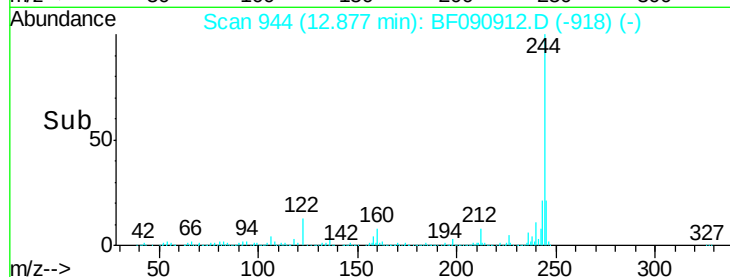
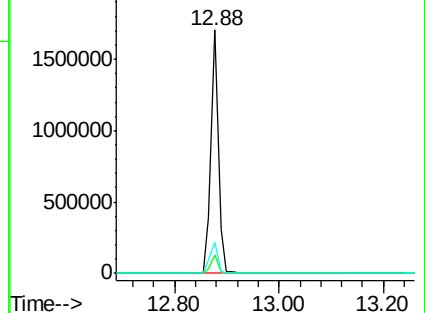
122 13.1 17.4 26.2#



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: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF090912.D

Acq: 28 Oct 2016 17:05

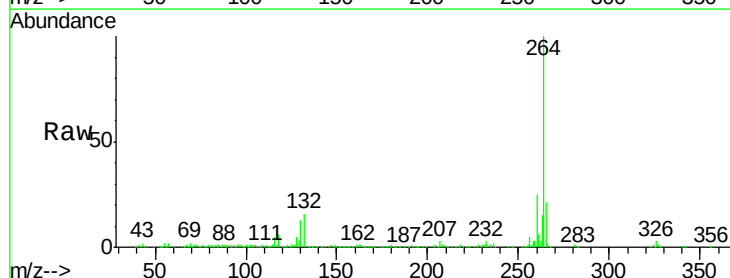
Tgt Ion:264 Resp: 289162

Ion Ratio Lower Upper

264 100

260 24.9 16.7 25.1

265 21.5 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

