

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090919.D
 Acq On : 28 Oct 2016 20:17
 Operator : UM/SJ
 Sample : H5411-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK

Quant Time: Oct 28 23:15:11 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	138108	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	557532	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	285883	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	375235	20.00	ng	0.00
75) Chrysene-d12	13.92	240	243551	20.00	ng	-0.01
86) Perylene-d12	15.33	264	286992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	637971	80.77	ng	0.00
7) Phenol-d6	6.40	99	467165	43.84	ng	-0.02
23) Nitrobenzene-d5	7.33	82	1183248	138.93	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	329665	112.21	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1671257	102.65	ng	-0.01
78) Terphenyl-d14	12.88	244	1368903	141.60	ng	0.00

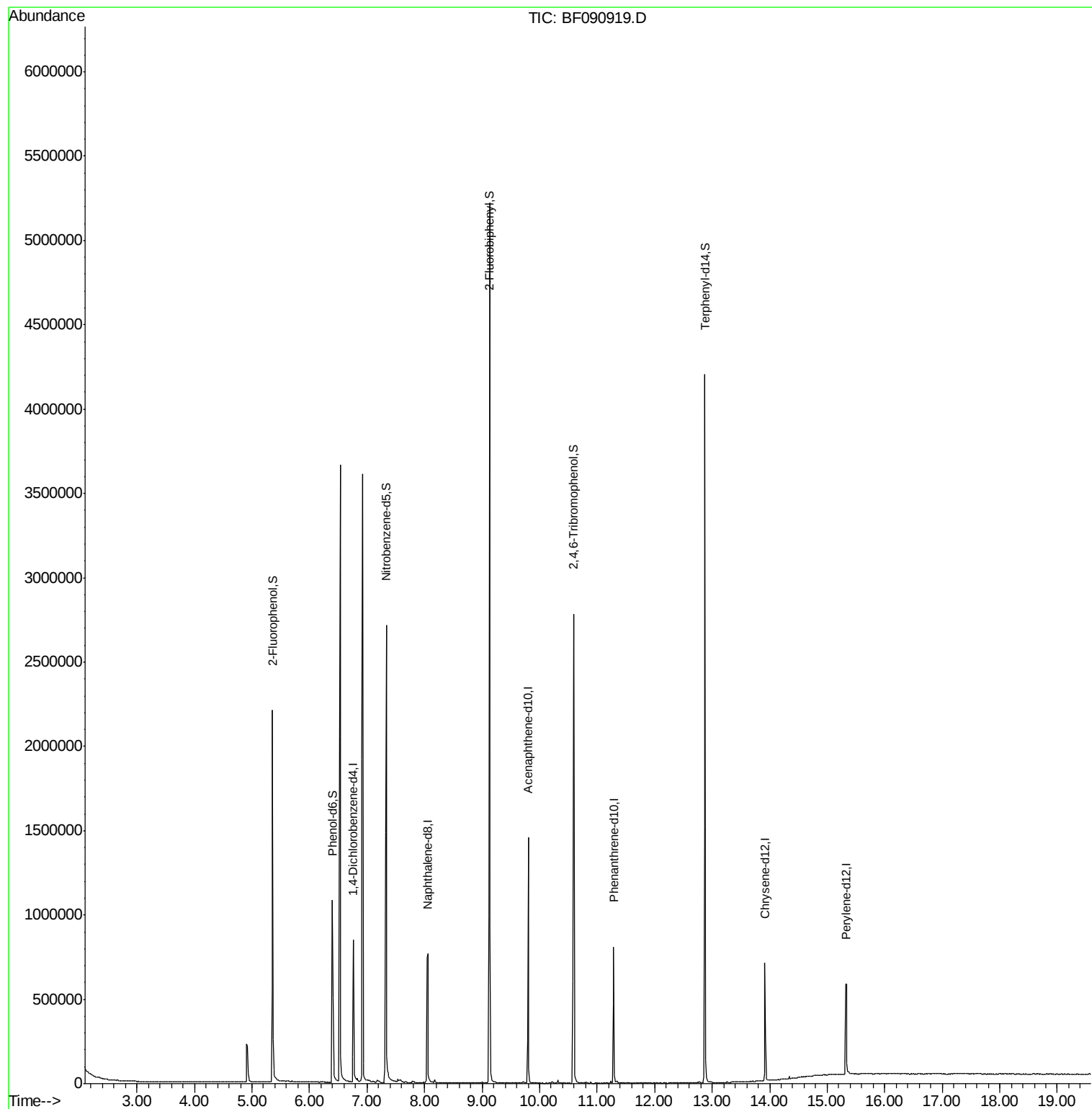
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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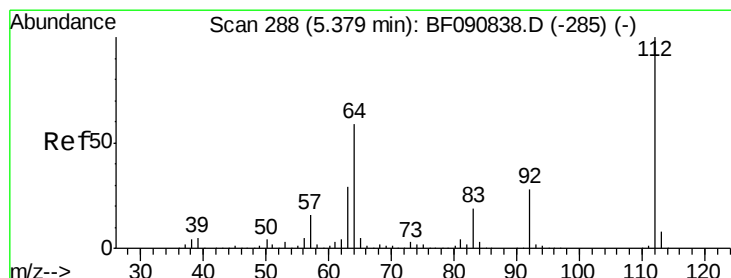
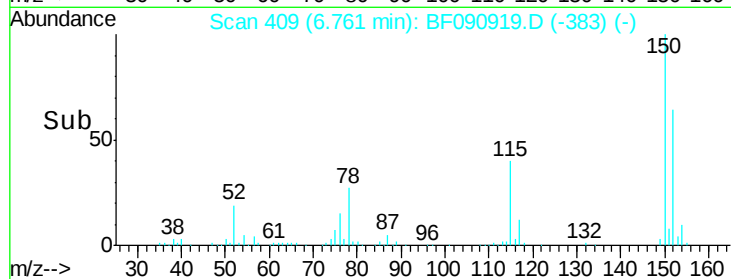
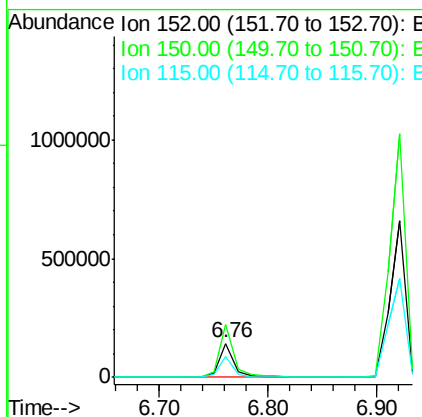
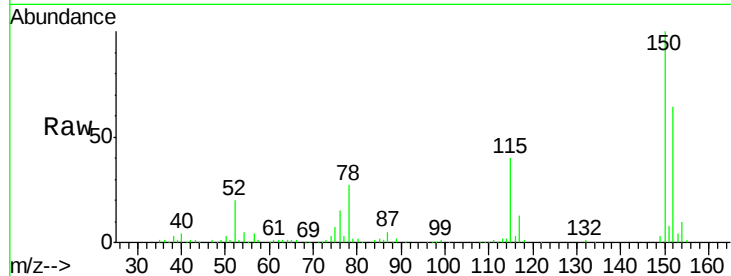




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF090919.D
 Acq: 28 Oct 2016 20:17

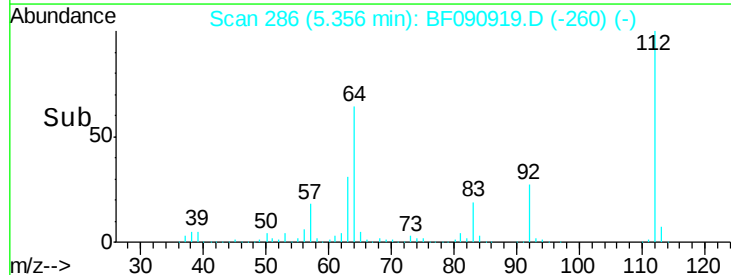
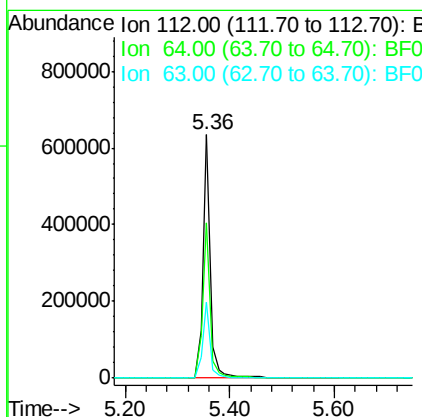
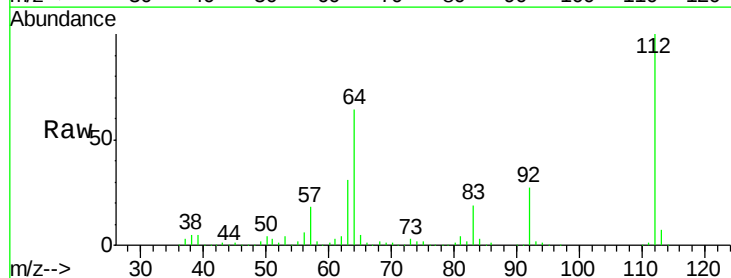
Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK

Tgt Ion:152 Resp: 138108
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.7 187.1
 115 62.9 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 80.77 ng
 RT: 5.36 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: BF090919.D
 Acq: 28 Oct 2016 20:17

Tgt Ion:112 Resp: 637971
 Ion Ratio Lower Upper
 112 100
 64 63.7 39.7 59.5#
 63 31.3 17.4 26.0#





#7

Phenol-d6

Concen: 43.84 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF090919.D

Acq: 28 Oct 2016 20:17

Instrument :

BNA_F

ClientSampleId :

EQUIP-BLANK

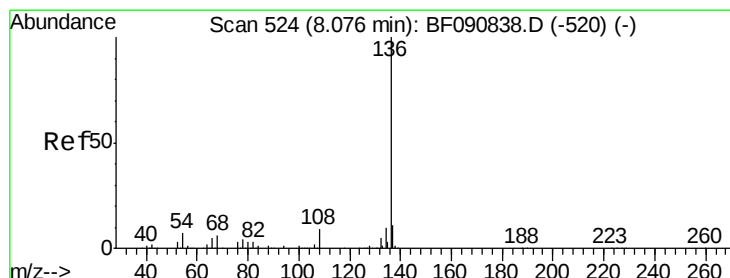
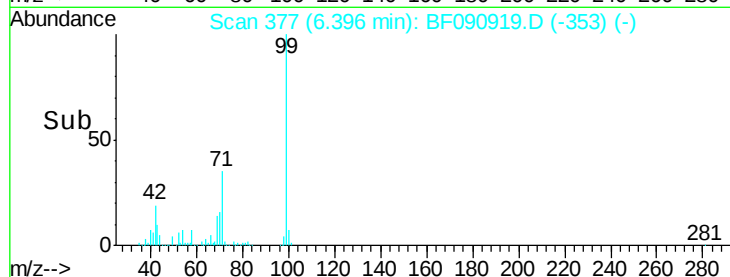
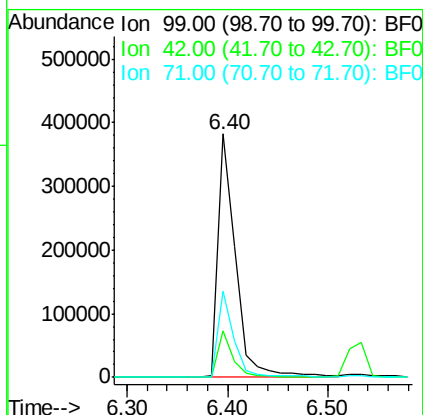
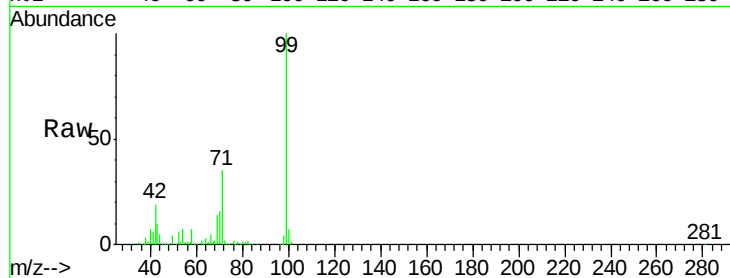
Tgt Ion: 99 Resp: 467165

Ion Ratio Lower Upper

99 100

42 18.9 13.7 20.5

71 35.5 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF090919.D

Acq: 28 Oct 2016 20:17

Tgt Ion: 136 Resp: 557532

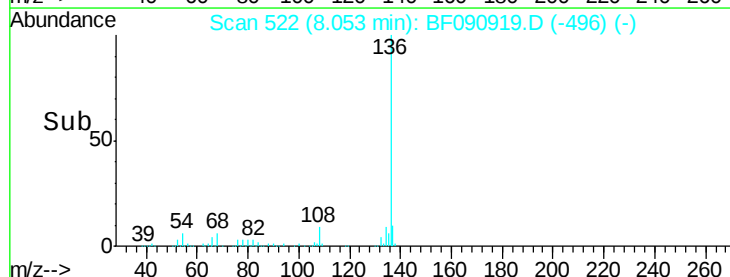
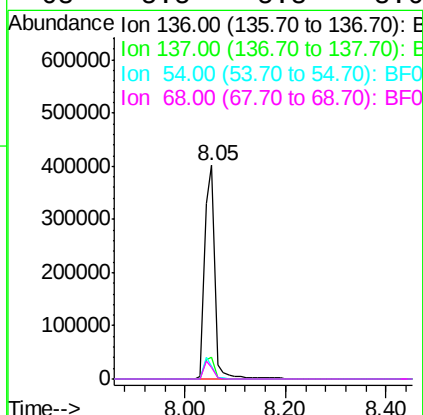
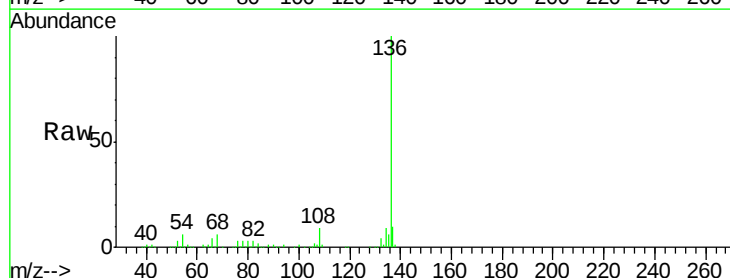
Ion Ratio Lower Upper

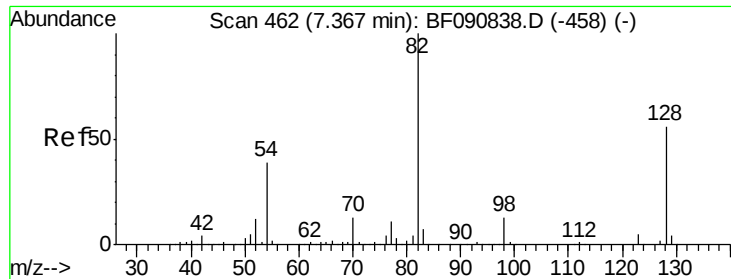
136 100

137 10.5 9.0 13.6

54 6.2 8.2 12.2#

68 5.5 5.8 8.6#

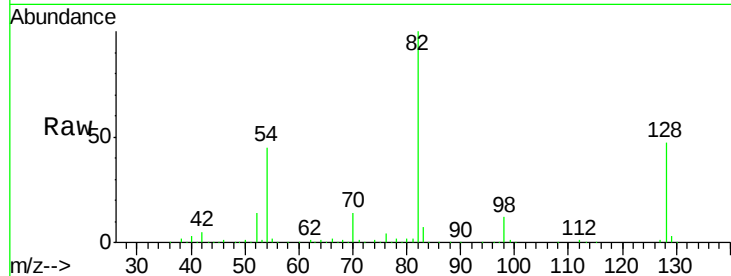




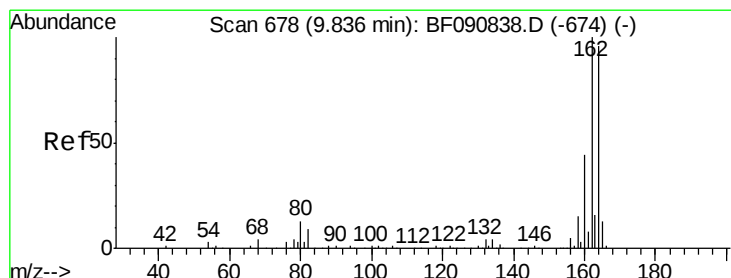
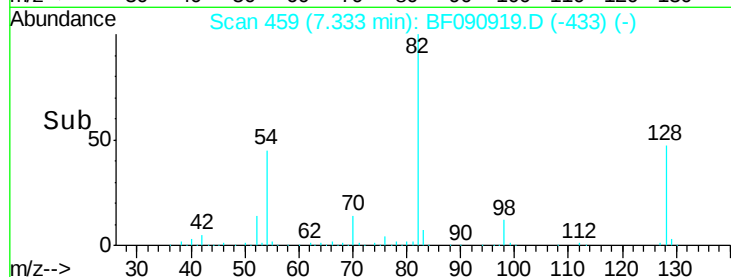
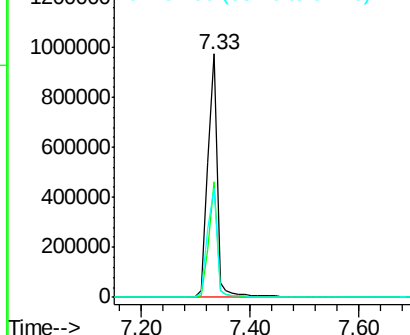
#23
 Nitrobenzene-d5
 Concen: 138.93 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF090919.D
 Acq: 28 Oct 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK

Tgt Ion: 82 Resp: 1183248
 Ion Ratio Lower Upper
 82 100
 128 47.4 51.0 76.6#
 54 44.6 47.5 71.3#

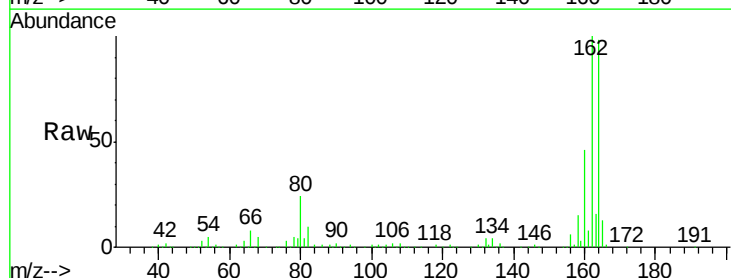


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

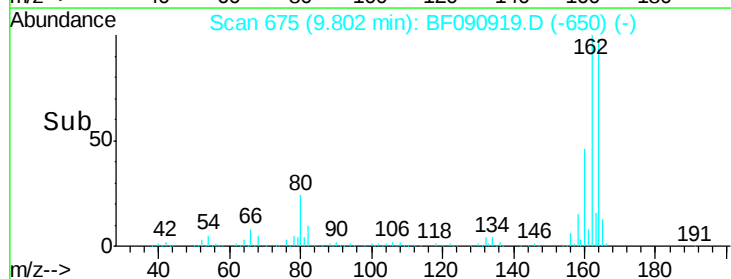
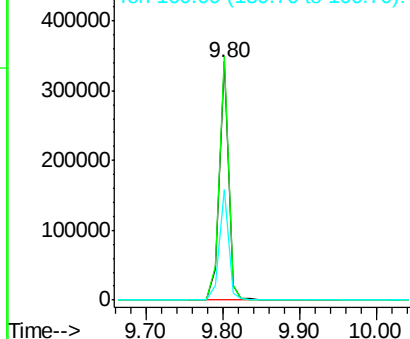


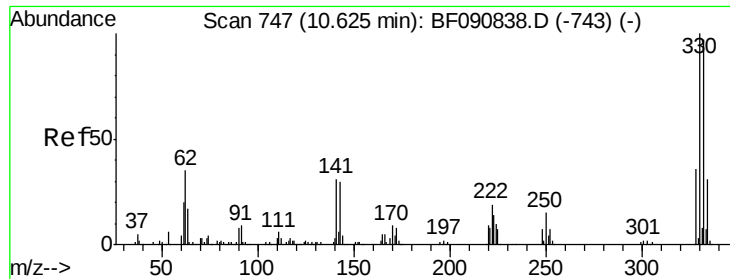
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF090919.D
 Acq: 28 Oct 2016 20:17

Tgt Ion:164 Resp: 285883
 Ion Ratio Lower Upper
 164 100
 162 102.2 75.2 112.8
 160 46.6 31.5 47.3



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

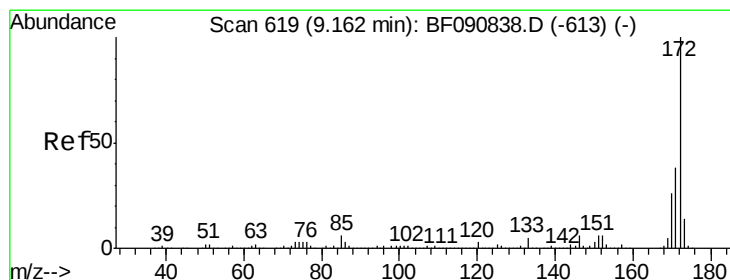
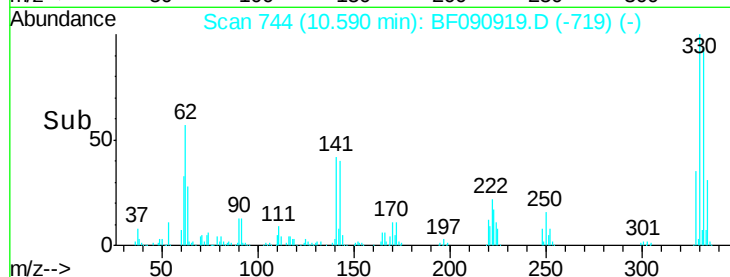
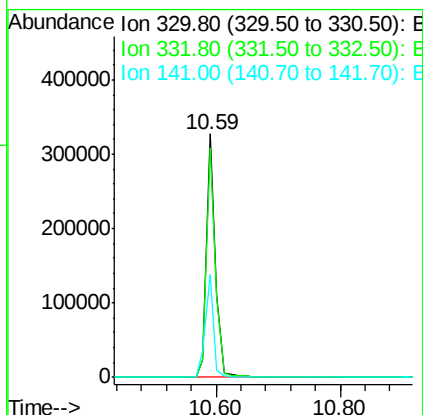
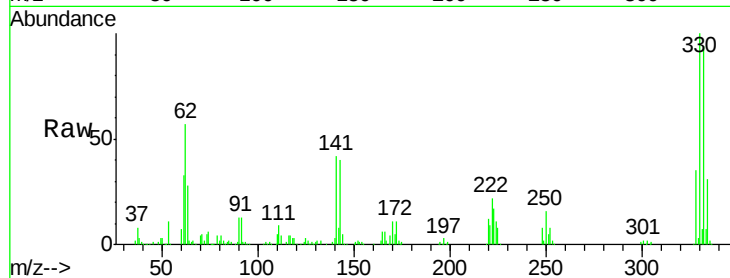




#41
 2,4,6-Tribromophenol
 Concen: 112.21 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090919.D
 Acq: 28 Oct 2016 20:17

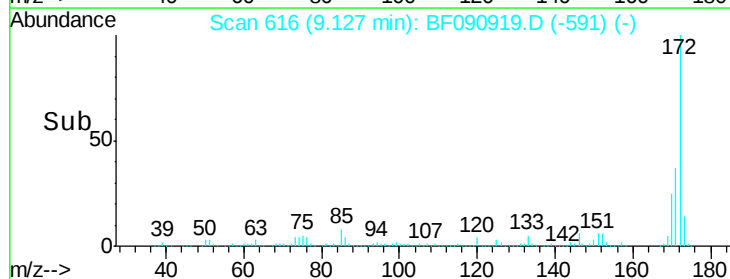
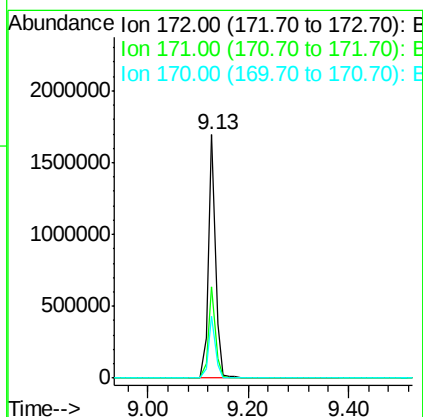
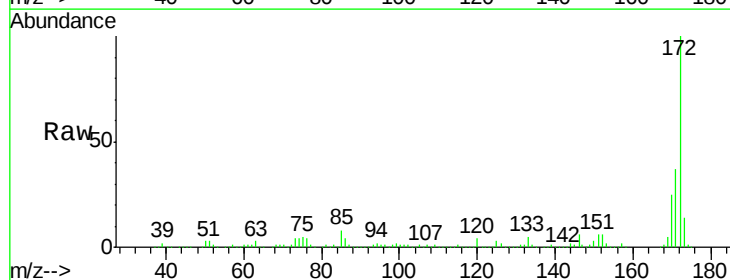
Instrument :
 BNA_F
 ClientSampleId :
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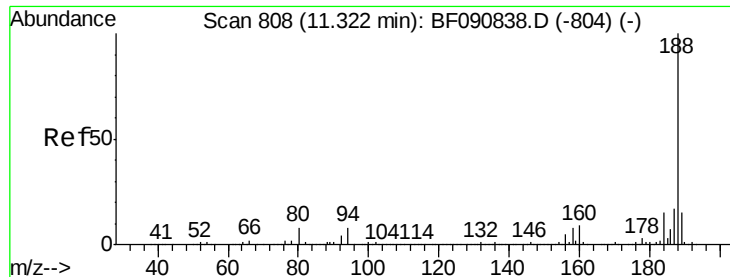
Tgt Ion:330 Resp: 329665
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 39.7 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 102.65 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090919.D
 Acq: 28 Oct 2016 20:17

Tgt Ion:172 Resp: 1671257
 Ion Ratio Lower Upper
 172 100
 171 37.4 26.1 39.1
 170 25.3 17.4 26.2

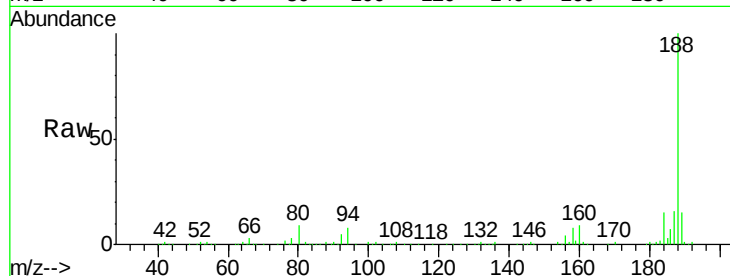




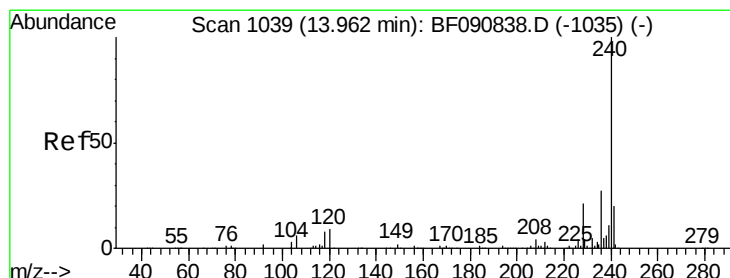
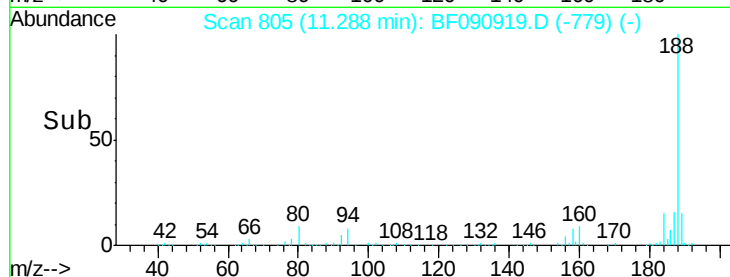
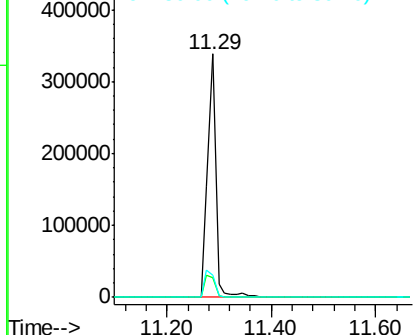
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090919.D
Acq: 28 Oct 2016 20:17

Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

Tgt Ion:188 Resp: 375235
Ion Ratio Lower Upper
188 100
94 8.3 11.1 16.7#
80 9.0 11.0 16.4#

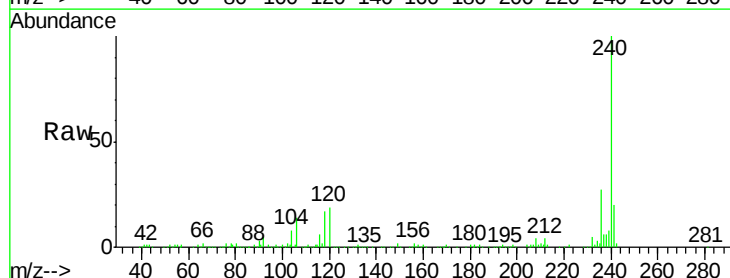


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

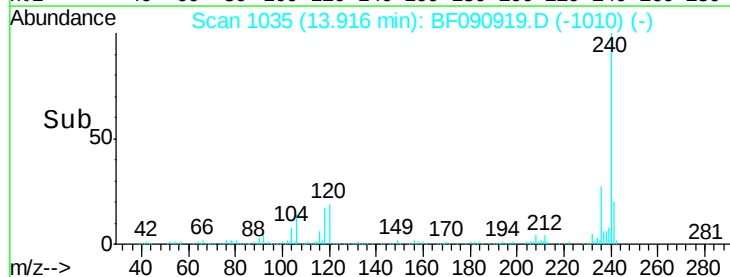
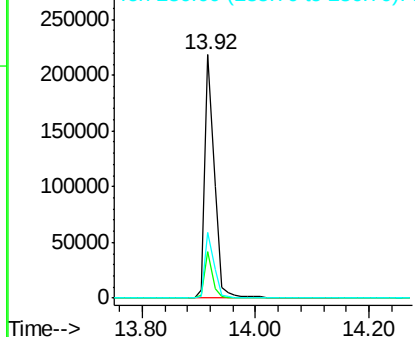


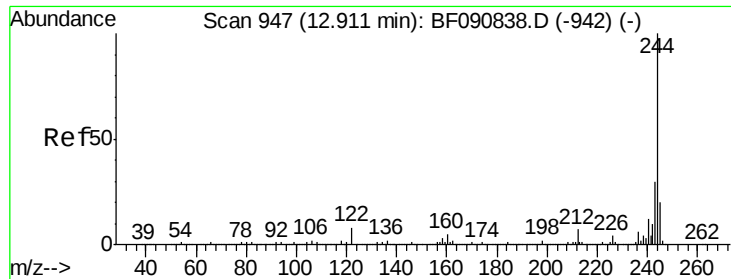
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF090919.D
Acq: 28 Oct 2016 20:17

Tgt Ion:240 Resp: 243551
Ion Ratio Lower Upper
240 100
120 19.3 16.2 24.2
236 27.1 18.4 27.6



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: 141.60 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF090919.D

Acq: 28 Oct 2016 20:17

Instrument :

BNA_F

ClientSampleId :

EQUIP-BLANK

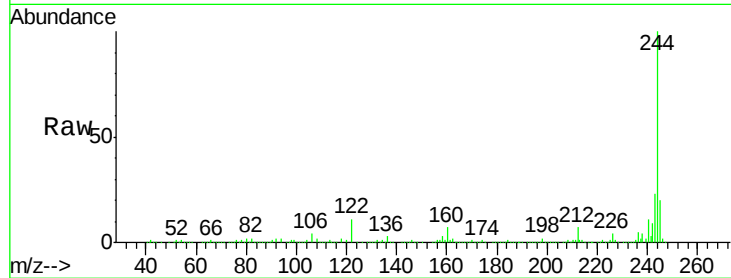
Tgt Ion:244 Resp: 1368903

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

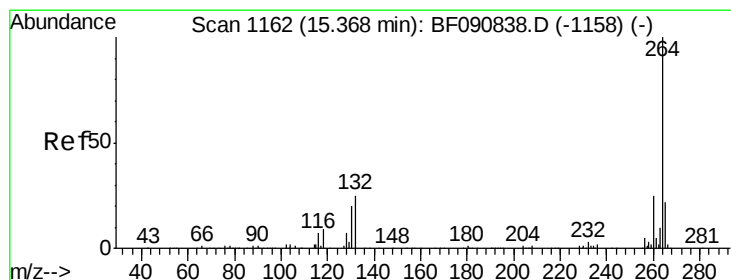
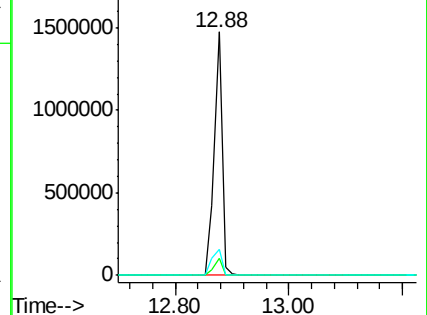
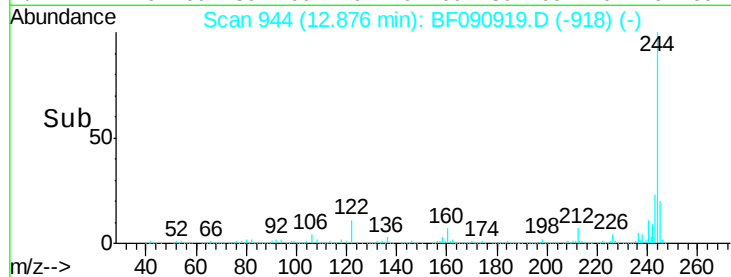
122 10.6 17.4 26.2#



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: BF090919.D

Acq: 28 Oct 2016 20:17

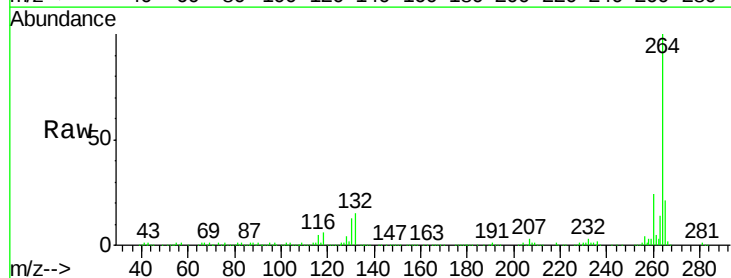
Tgt Ion:264 Resp: 286992

Ion Ratio Lower Upper

264 100

260 24.2 16.7 25.1

265 21.3 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

