

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090916.D
 Acq On : 28 Oct 2016 18:55
 Operator : UM/SJ
 Sample : H5439-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10COMP(0-16FEET)

Quant Time: Oct 28 23:09:59 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	149710	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	576597	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	306897	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	425208	20.00	ng	0.00
75) Chrysene-d12	13.92	240	254733	20.00	ng	-0.01
86) Perylene-d12	15.33	264	286238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1091780	127.51	ng	0.01
7) Phenol-d6	6.41	99	1310385	113.43	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1093806	124.19	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	341878	108.40	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1573196	90.01	ng	-0.01
78) Terphenyl-d14	12.88	244	1376174	136.11	ng	0.00

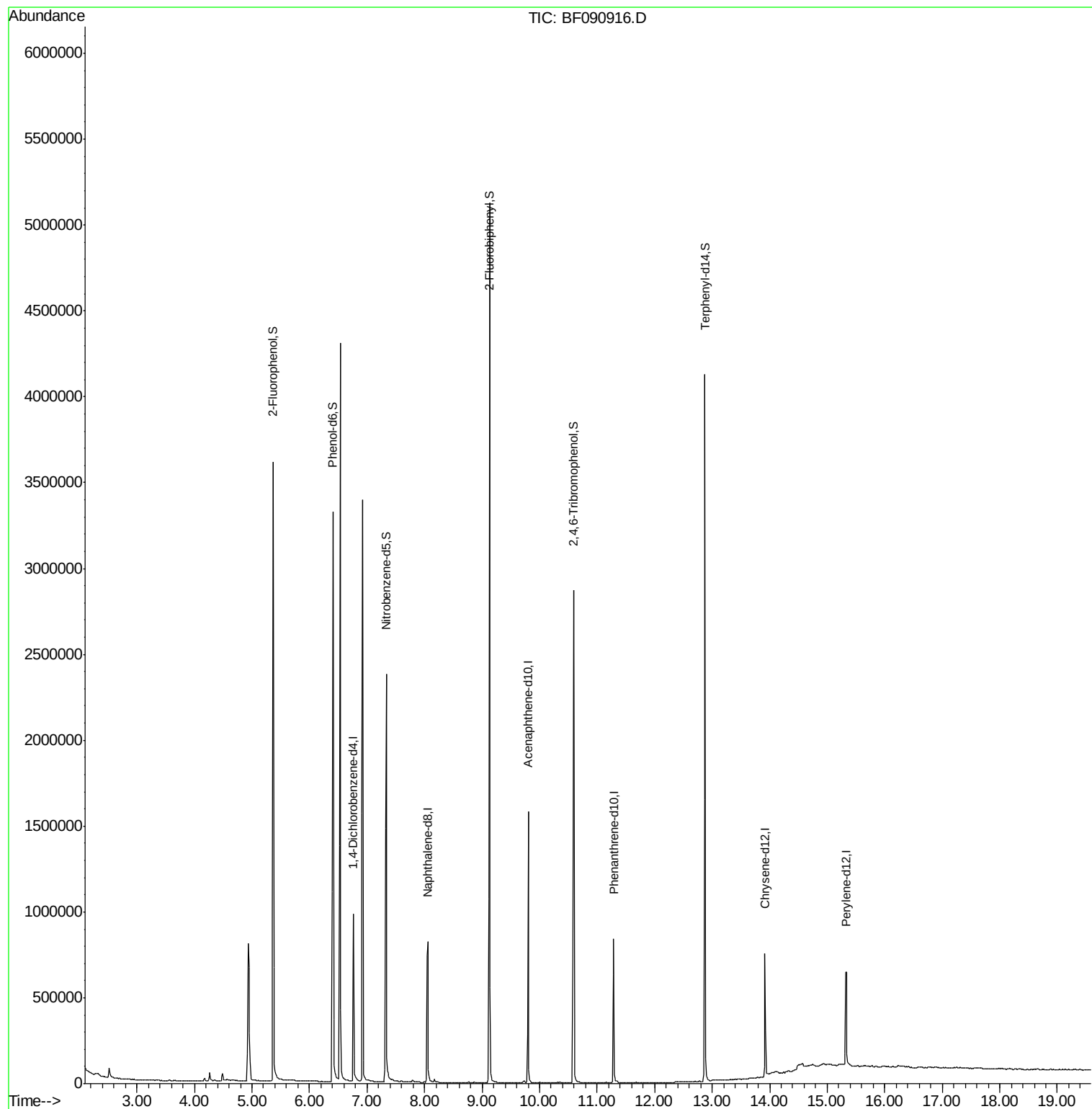
Target Compounds	Qvalue
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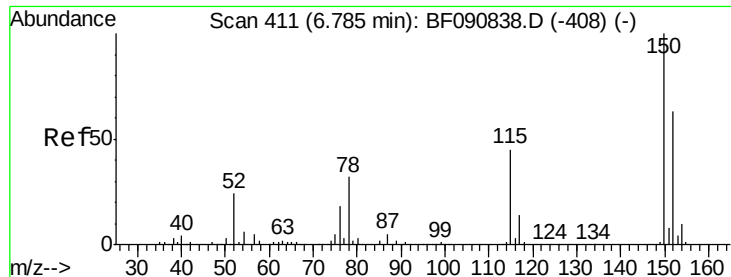
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090916.D

Acq: 28 Oct 2016 18:55

Instrument :

BNA_F

ClientSampleId :

SB-10COMP(0-16FEET)

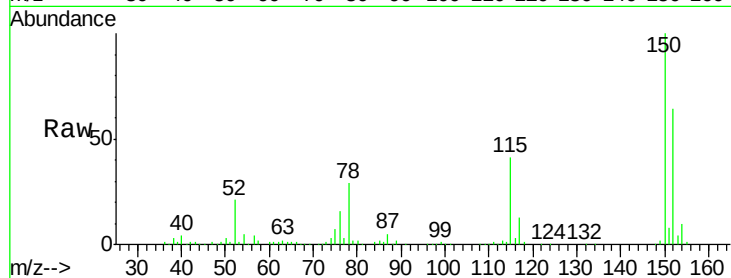
Tgt Ion:152 Resp: 149710

Ion Ratio Lower Upper

152 100

150 156.1 124.7 187.1

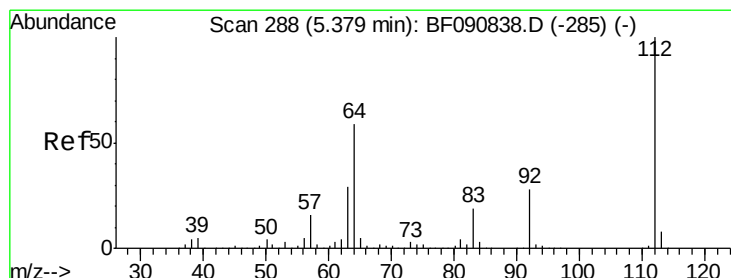
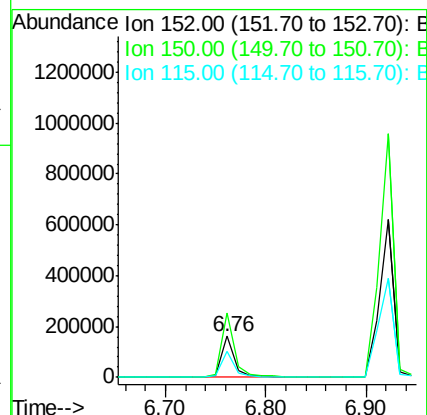
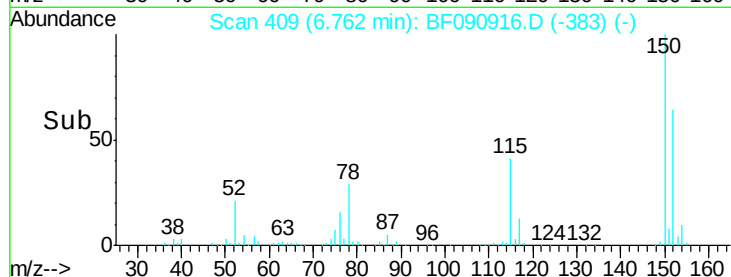
115 64.5 39.0 58.4#



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: 127.51 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

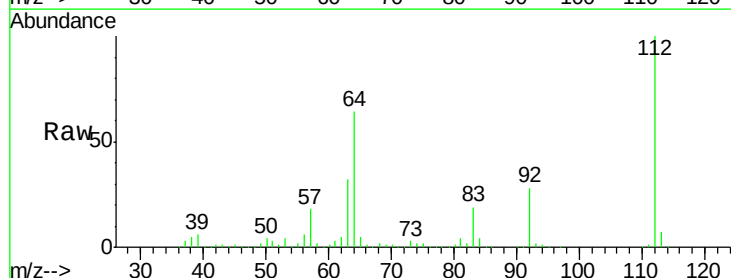
Tgt Ion:112 Resp: 1091780

Ion Ratio Lower Upper

112 100

64 63.7 39.7 59.5#

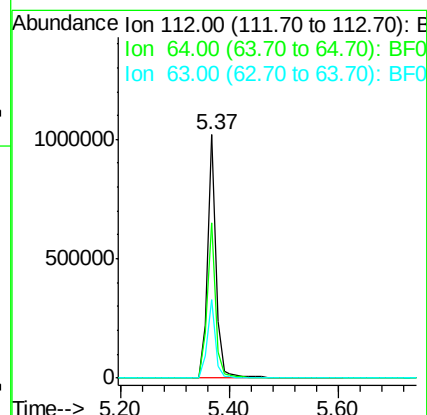
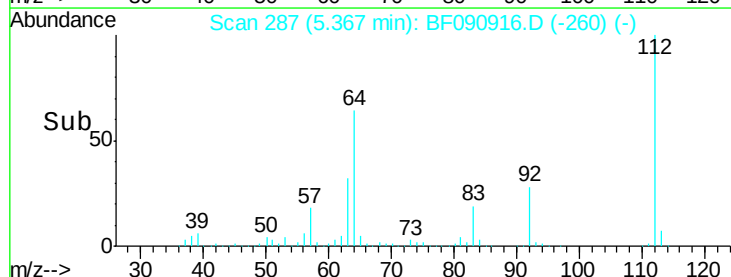
63 32.0 17.4 26.0#

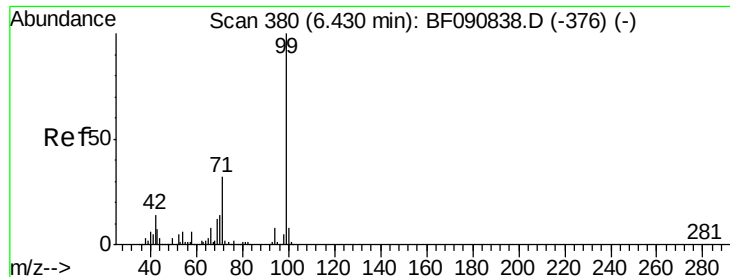


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.43 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

Instrument :

BNA_F

ClientSampleId :

SB-10COMP(0-16FEET)

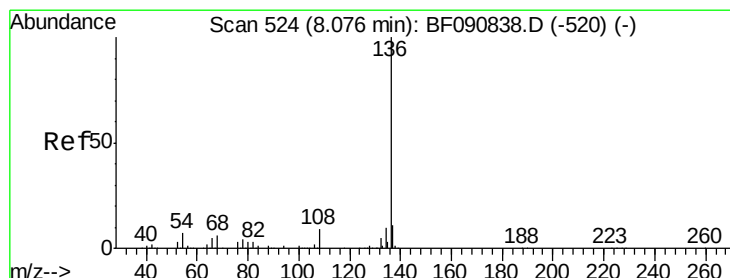
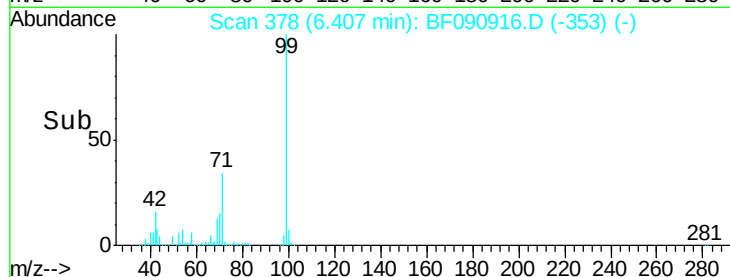
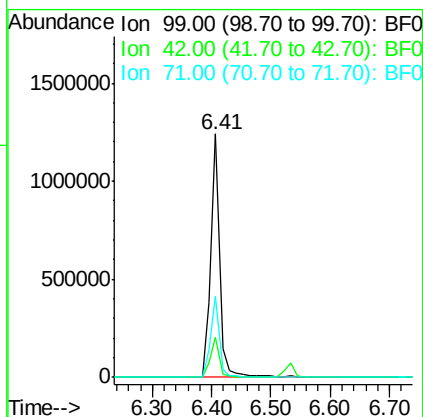
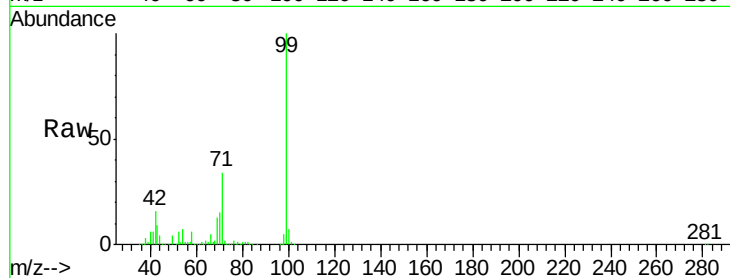
Tgt Ion: 99 Resp: 1310385

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

71 33.5 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: BF090916.D

Acq: 28 Oct 2016 18:55

Tgt Ion: 136 Resp: 576597

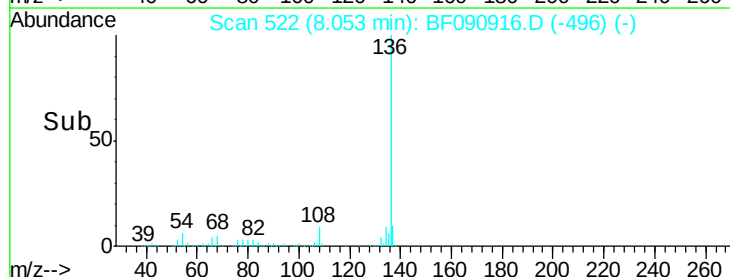
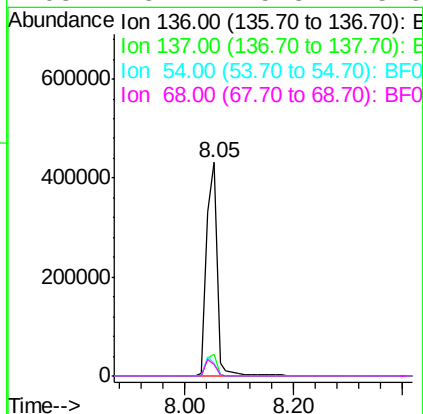
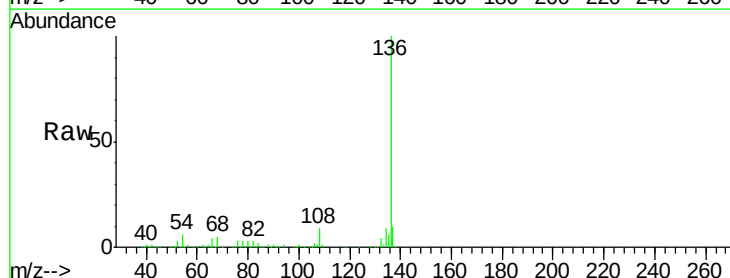
Ion Ratio Lower Upper

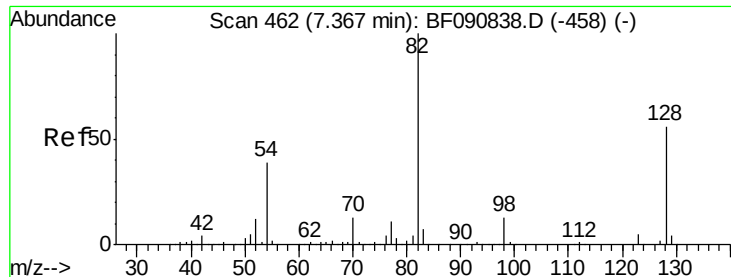
136 100

137 10.4 9.0 13.6

54 5.9 8.2 12.2#

68 5.4 5.8 8.6#

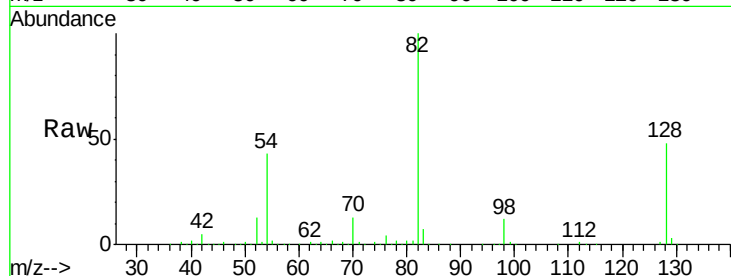




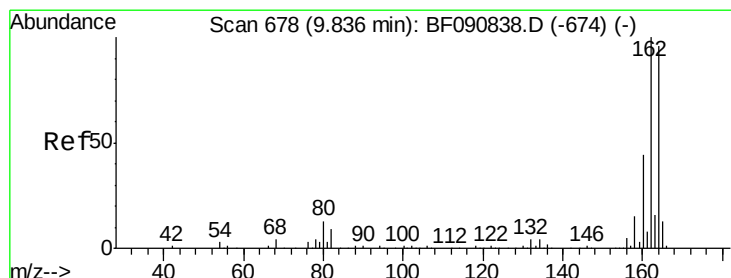
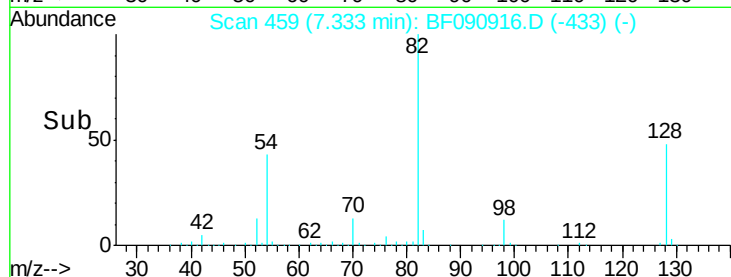
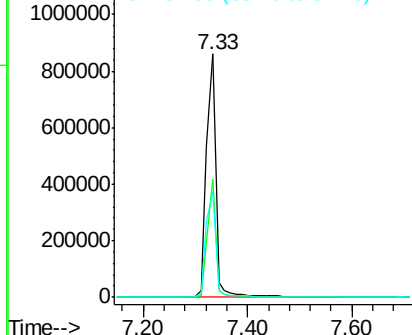
#23
 Nitrobenzene-d5
 Concen: 124.19 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF090916.D
 Acq: 28 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-10COMP(0-16FEET)

Tgt Ion: 82 Resp: 1093806
 Ion Ratio Lower Upper
 82 100
 128 48.3 51.0 76.6#
 54 43.1 47.5 71.3#

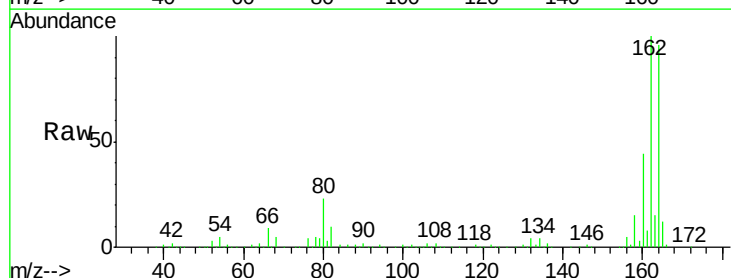


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

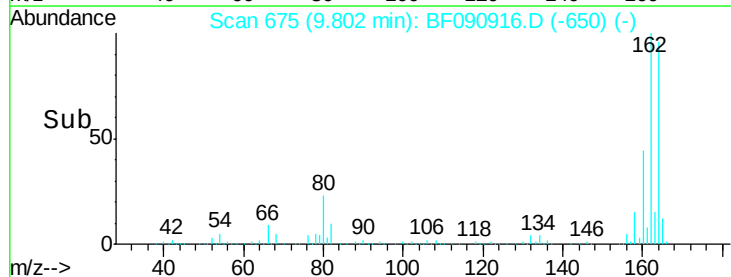
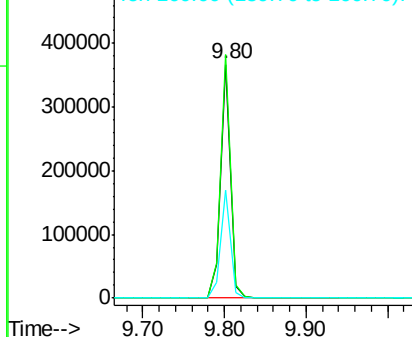


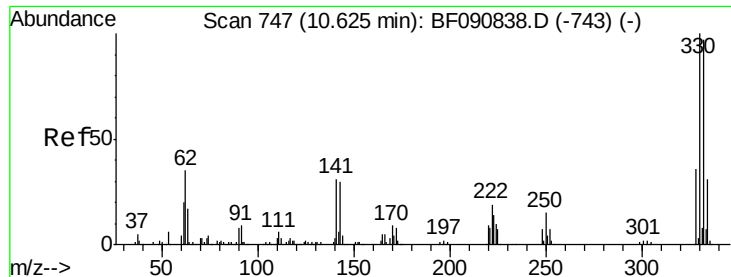
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF090916.D
 Acq: 28 Oct 2016 18:55

Tgt Ion: 164 Resp: 306897
 Ion Ratio Lower Upper
 164 100
 162 104.2 75.2 112.8
 160 46.2 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

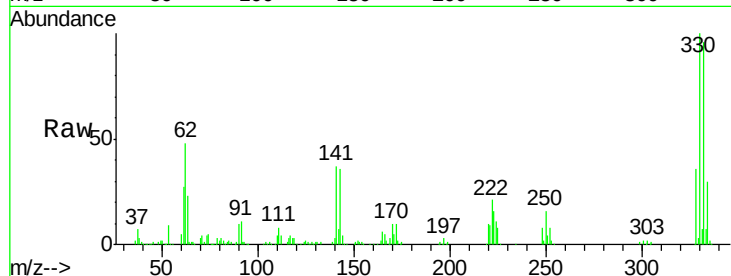




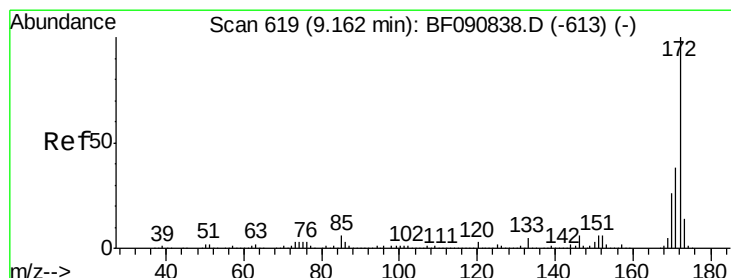
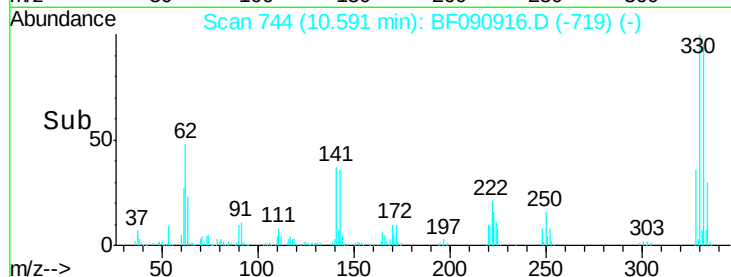
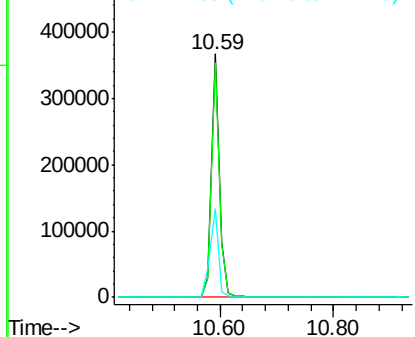
#41
 2,4,6-Tribromophenol
 Concen: 108.40 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090916.D
 Acq: 28 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-10COMP(0-16FEET)

Tgt Ion:330 Resp: 341878
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 38.8 29.7 44.5

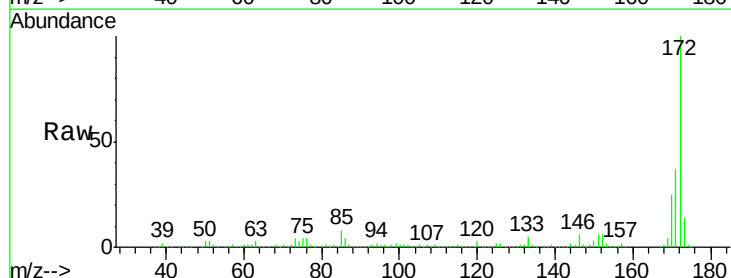


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

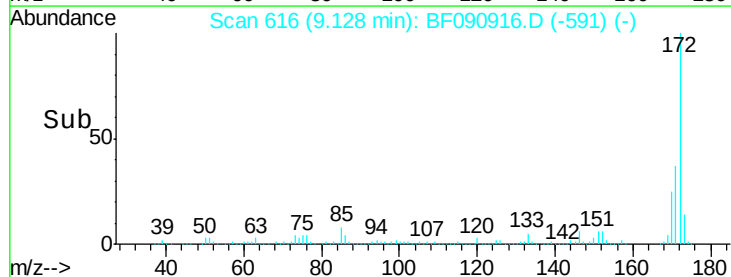
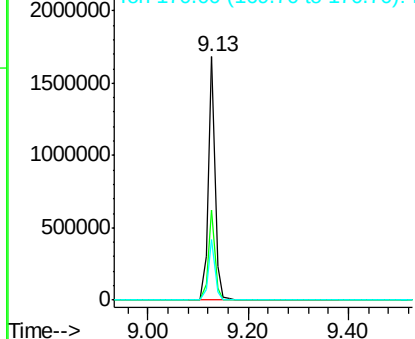


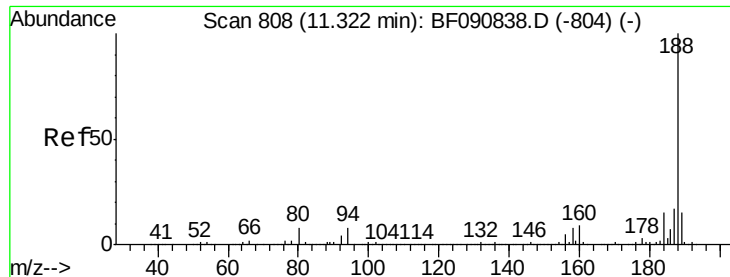
#44
 2-Fluorobiphenyl
 Concen: 90.01 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090916.D
 Acq: 28 Oct 2016 18:55

Tgt Ion:172 Resp: 1573196
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 25.1 17.4 26.2



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

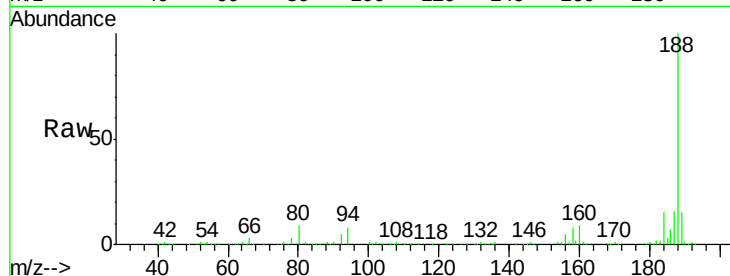




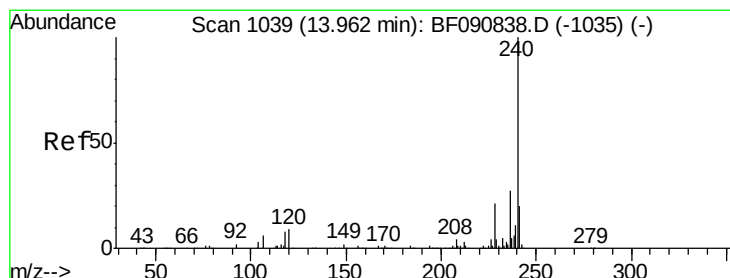
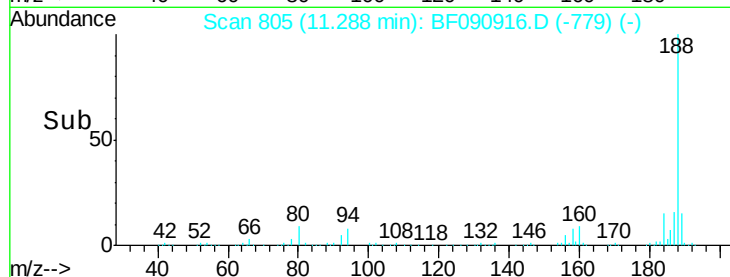
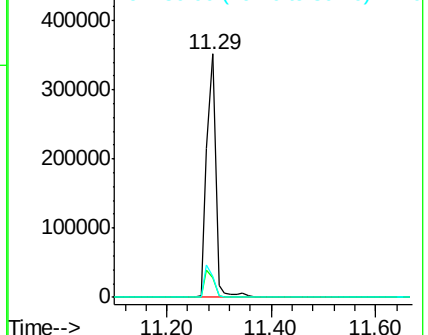
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090916.D
Acq: 28 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-10COMP(0-16FEET)

Tgt Ion:188 Resp: 425208
Ion Ratio Lower Upper
188 100
94 7.8 11.1 16.7#
80 8.6 11.0 16.4#

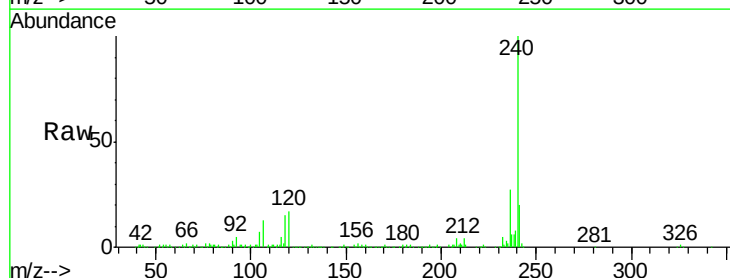


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

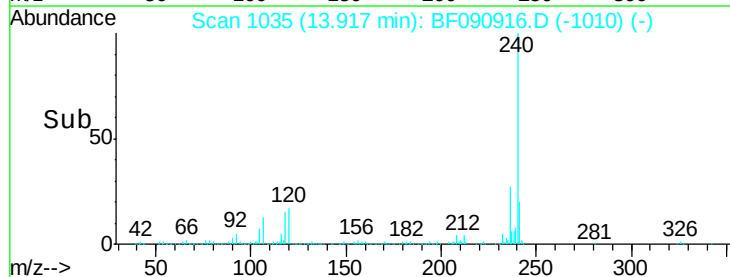
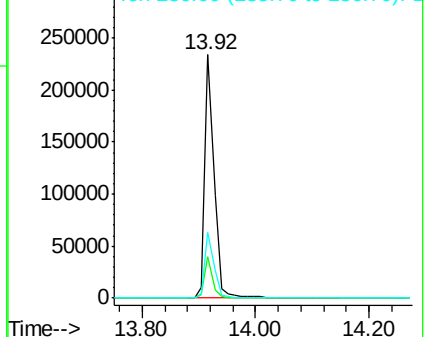


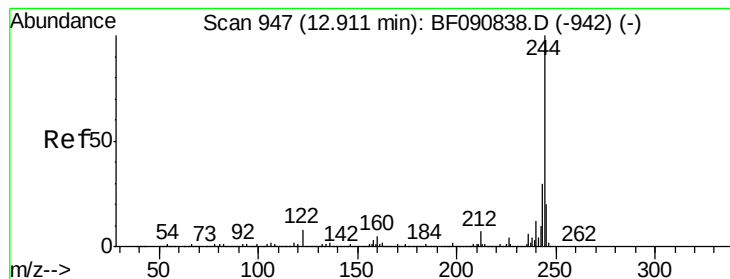
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF090916.D
Acq: 28 Oct 2016 18:55

Tgt Ion:240 Resp: 254733
Ion Ratio Lower Upper
240 100
120 17.2 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: 136.11 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

Instrument :

BNA_F

ClientSampleId :

SB-10COMP(0-16FEET)

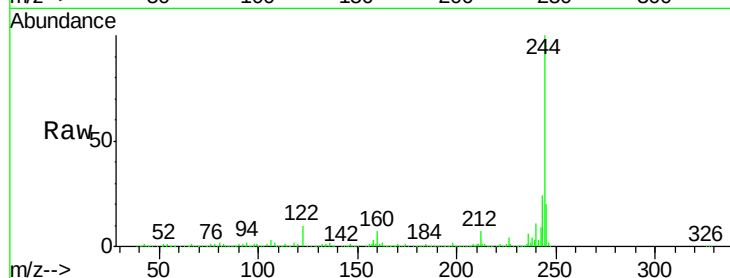
Tgt Ion:244 Resp: 1376174

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

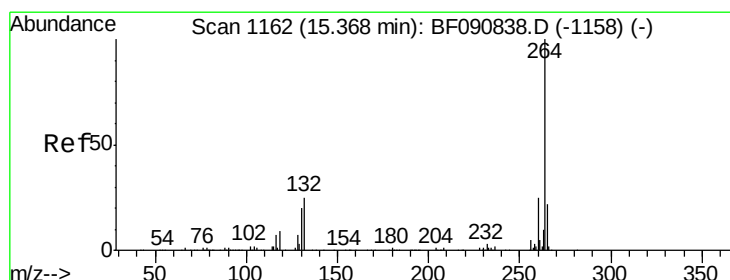
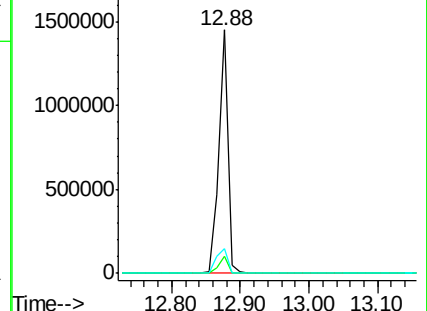
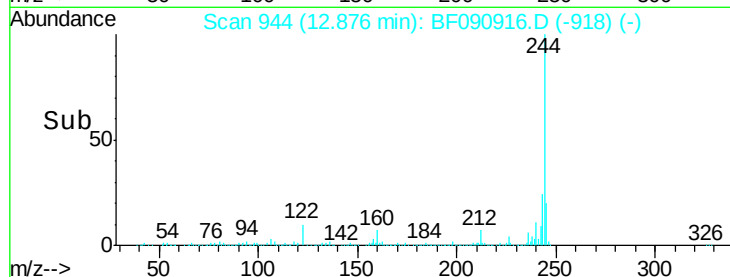
122 10.2 17.4 26.2#



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: BF090916.D

Acq: 28 Oct 2016 18:55

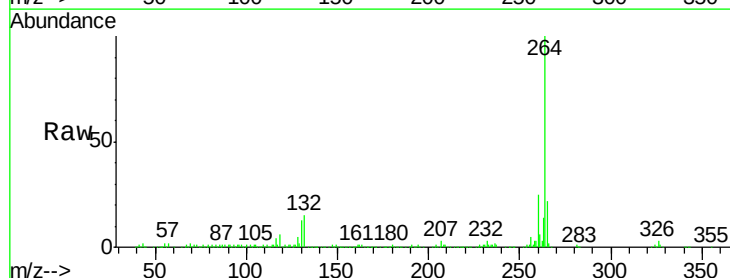
Tgt Ion:264 Resp: 286238

Ion Ratio Lower Upper

264 100

260 24.8 16.7 25.1

265 21.7 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

