

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
 Data File : U4S3.D
 Acq On : 12 Oct 2016 23:49
 Operator : UM/SJ
 Sample : U4S3
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:55:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	203979	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	873898	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	464617	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	821916	20.00	ng	0.00
75) Chrysene-d12	14.12	240	651398	20.00	ng	-0.01
86) Perylene-d12	15.60	264	471986	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1526460	116.42	ng	0.01
7) Phenol-d6	6.59	99	2051859	124.01	ng	0.00
23) Nitrobenzene-d5	7.51	82	1251975	77.70	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	552232	119.90	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2234268	80.81	ng	-0.01
78) Terphenyl-d14	13.07	244	2375677	89.13	ng	-0.01

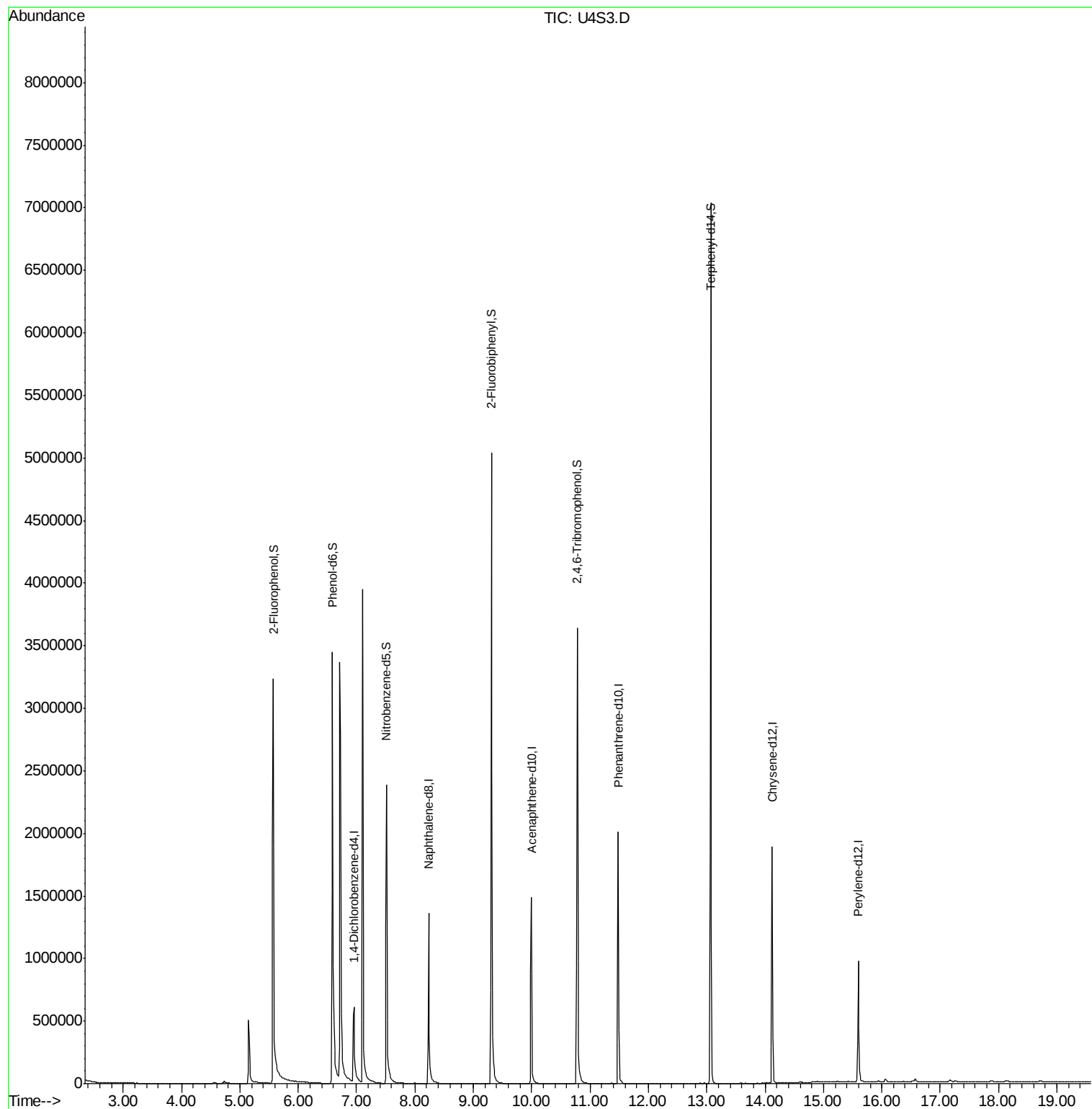
Target Compounds	Qvalue
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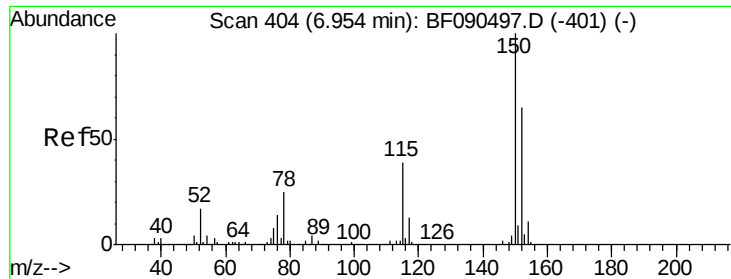
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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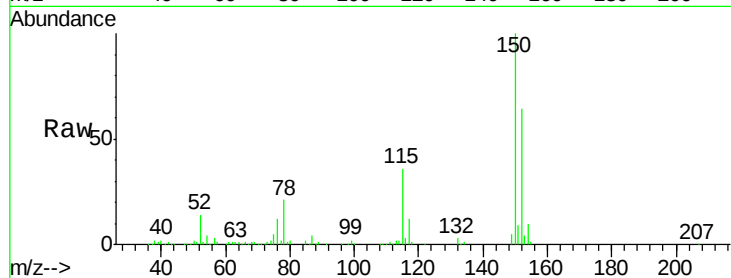


#1

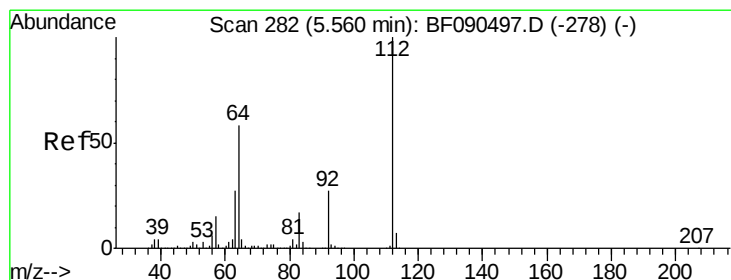
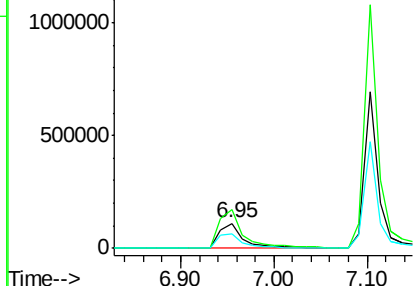
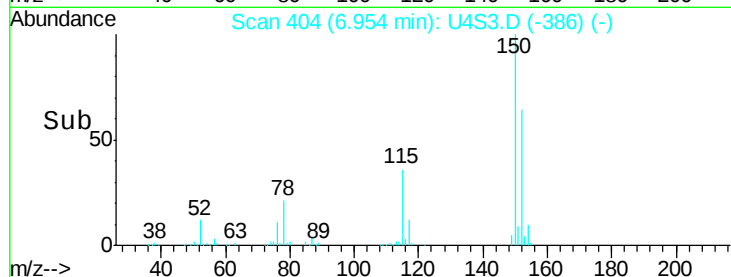
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: U4S3.D
Acq: 12 Oct 2016 23:49

Instrument :
BNA_F
ClientSampled :

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	56.9	46.2	69.4



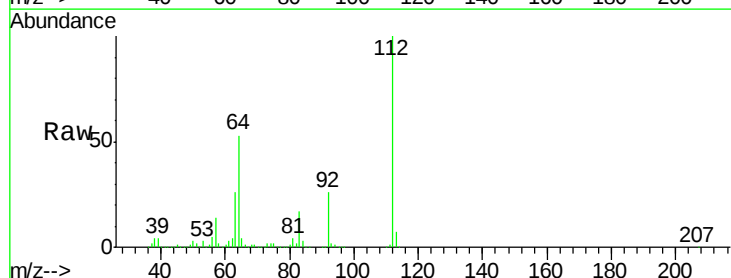
Abundance Ion 152.00 (151.70 to 152.70): U
Ion 150.00 (149.70 to 150.70): U
Ion 115.00 (114.70 to 115.70): U



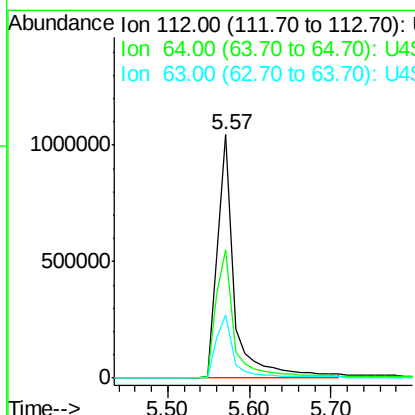
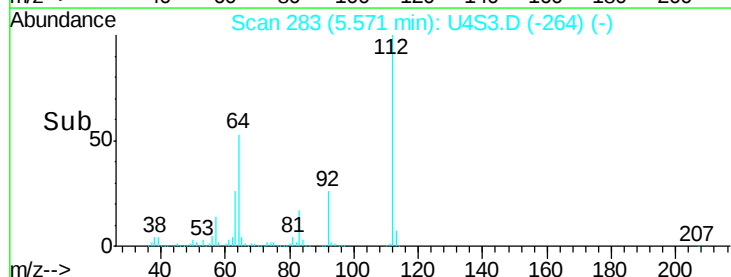
#5

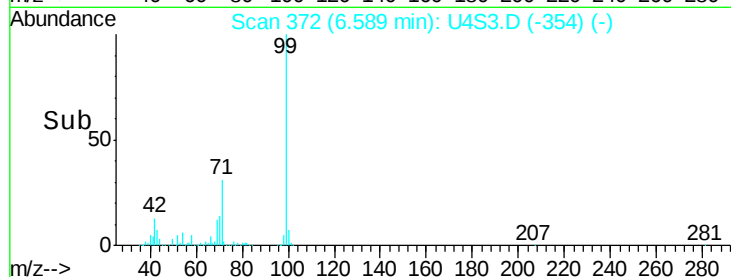
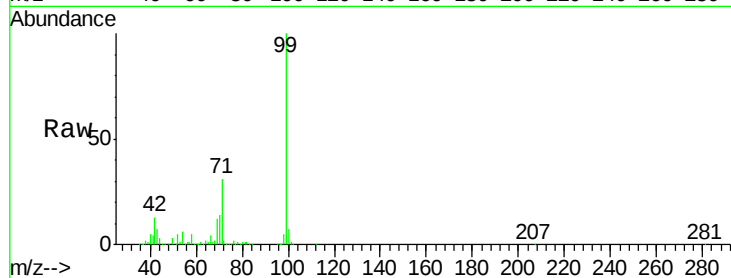
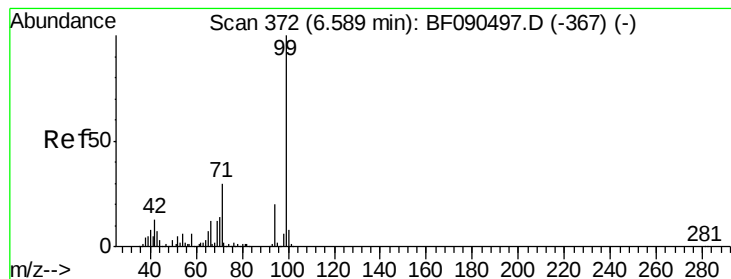
2-Fluorophenol
Concen: 116.42 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: U4S3.D
Acq: 12 Oct 2016 23:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	57.9	86.9#
63	25.9	29.6	44.4#



Abundance Ion 112.00 (111.70 to 112.70): U
Ion 64.00 (63.70 to 64.70): U4S
Ion 63.00 (62.70 to 63.70): U4S





#7

Phenol-d6

Concen: 124.01 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: U4S3.D

Acq: 12 Oct 2016 23:49

Instrument :

BNA_F

ClientSampleId :

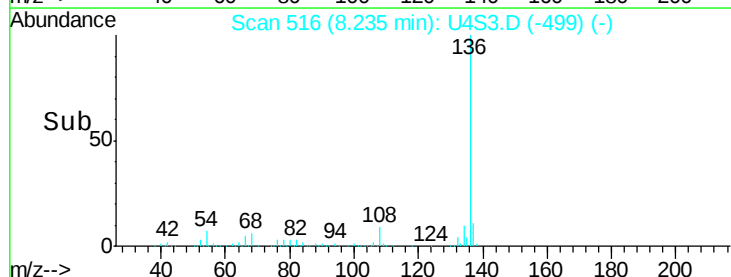
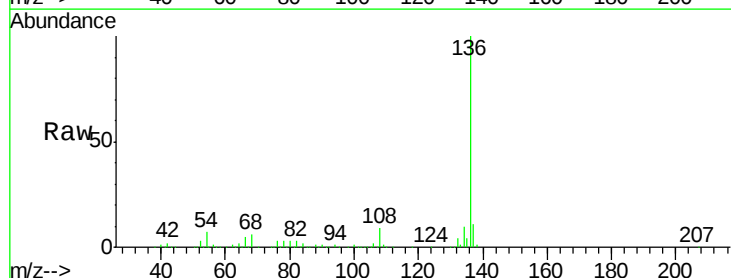
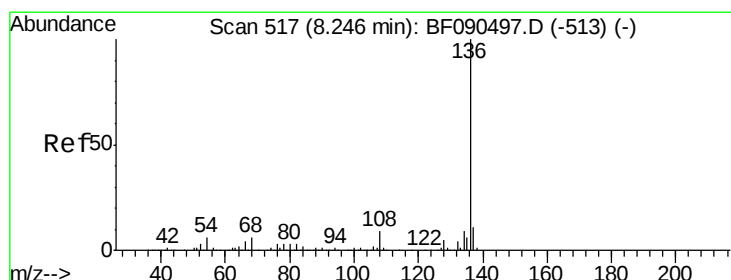
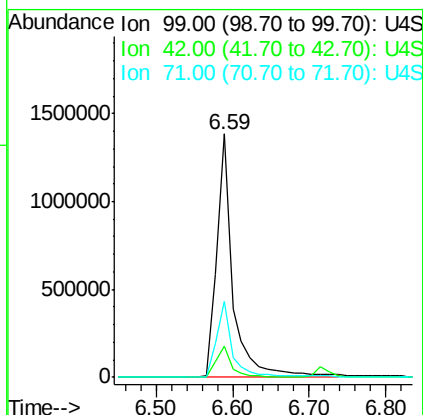
Tgt Ion: 99 Resp: 2051859

Ion Ratio Lower Upper

99 100

42 13.0 20.0 30.0#

71 31.3 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: U4S3.D

Acq: 12 Oct 2016 23:49

Tgt Ion: 136 Resp: 873898

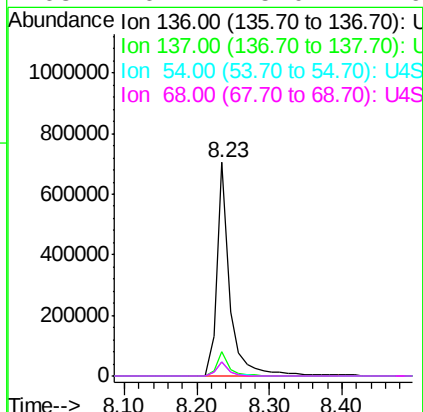
Ion Ratio Lower Upper

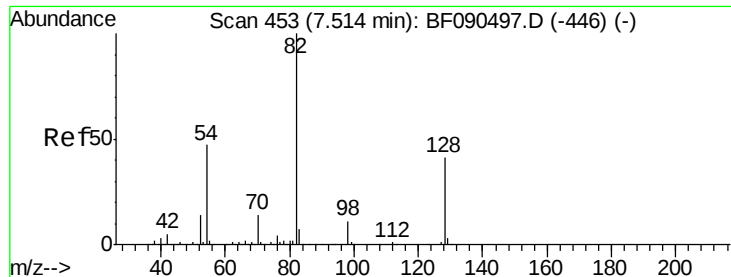
136 100

137 11.3 9.0 13.6

54 6.7 6.6 10.0

68 6.4 5.0 7.6

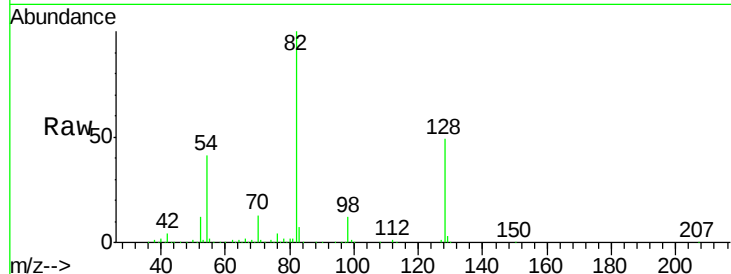




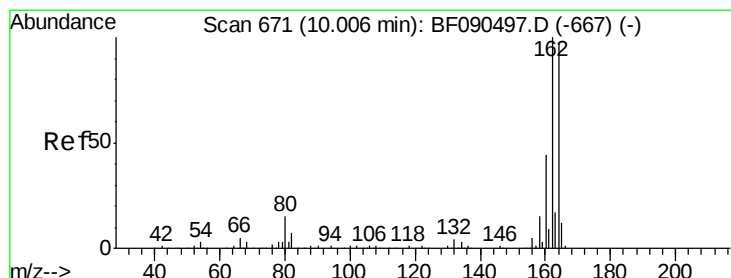
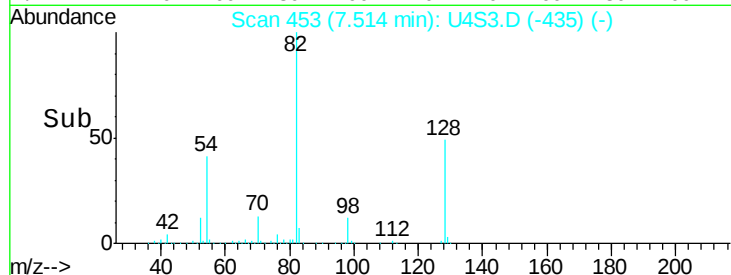
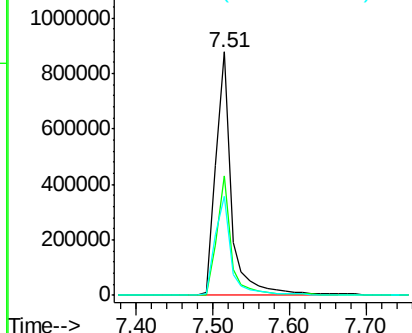
#23
 Nitrobenzene-d5
 Concen: 77.70 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: U4S3.D
 Acq: 12 Oct 2016 23:49

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 82 Resp: 1251975
 Ion Ratio Lower Upper
 82 100
 128 49.3 40.0 60.0
 54 40.6 42.6 64.0#

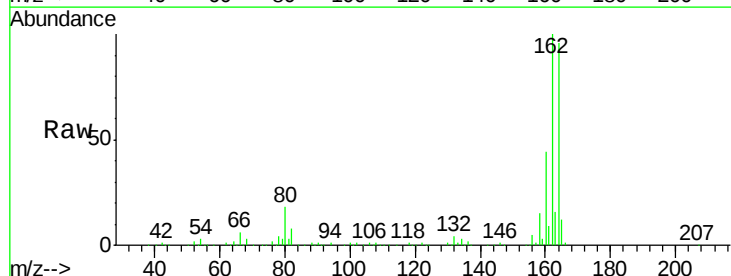


Abundance Ion 82.00 (81.70 to 82.70): U4S
 Ion 128.00 (127.70 to 128.70): U4S
 Ion 54.00 (53.70 to 54.70): U4S

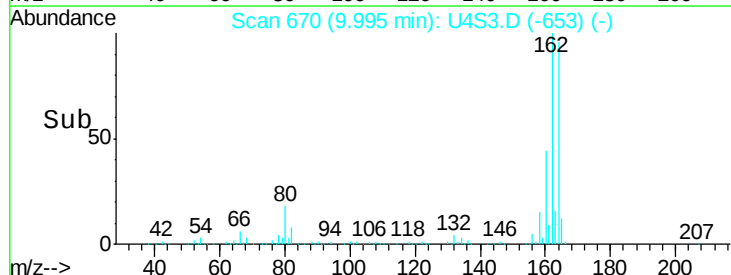
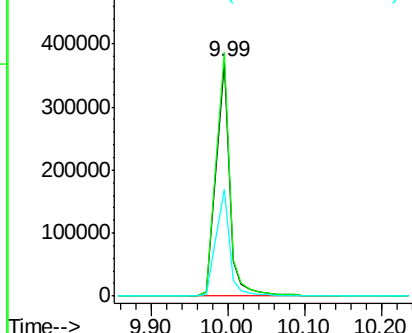


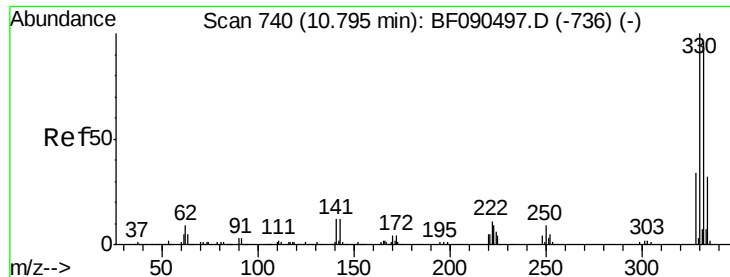
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: U4S3.D
 Acq: 12 Oct 2016 23:49

Tgt Ion: 164 Resp: 464617
 Ion Ratio Lower Upper
 164 100
 162 104.1 80.1 120.1
 160 45.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): U4S
 Ion 162.00 (161.70 to 162.70): U4S
 Ion 160.00 (159.70 to 160.70): U4S

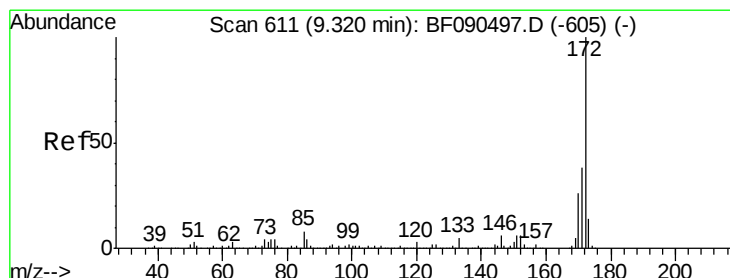
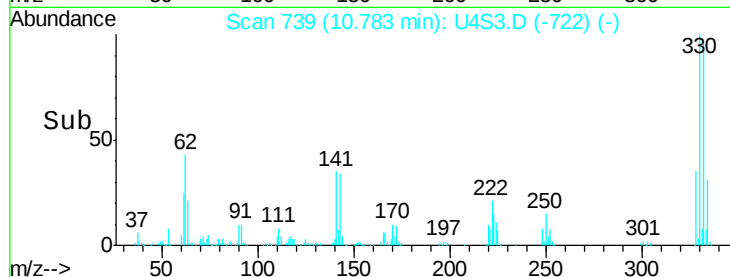
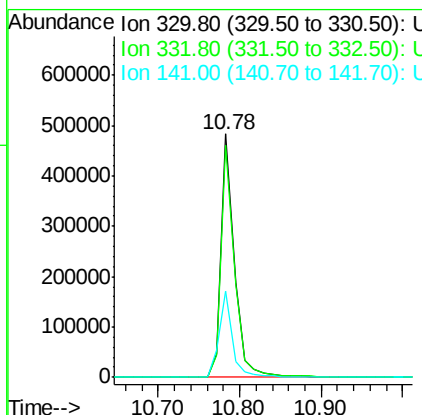
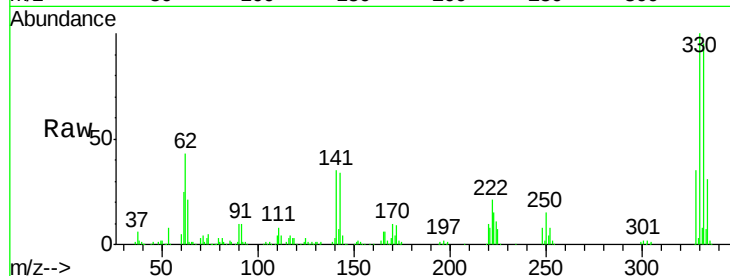




#41
 2,4,6-Tribromophenol
 Concen: 119.90 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: U4S3.D
 Acq: 12 Oct 2016 23:49

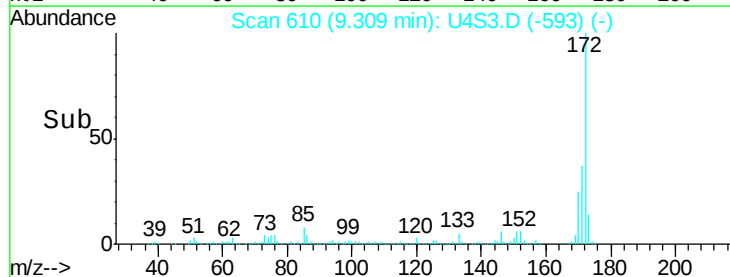
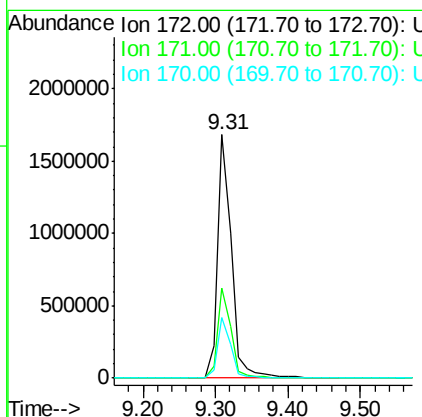
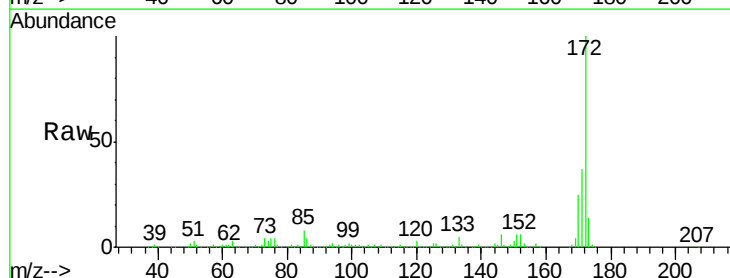
Instrument :
 BNA_F
 ClientSampleId :

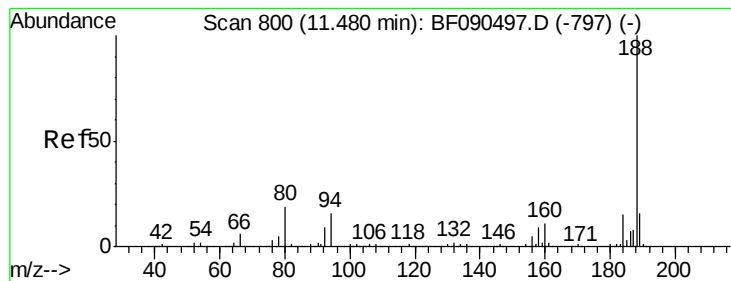
Tgt Ion:330 Resp: 552232
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.4 113.0
 141 35.5 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 80.81 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: U4S3.D
 Acq: 12 Oct 2016 23:49

Tgt Ion:172 Resp: 2234268
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.8 47.8
 170 24.8 21.7 32.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 800

Delta R.T. 0.00 min

Lab File: U4S3.D

Acq: 12 Oct 2016 23:49

Instrument :

BNA_F

ClientSampled :

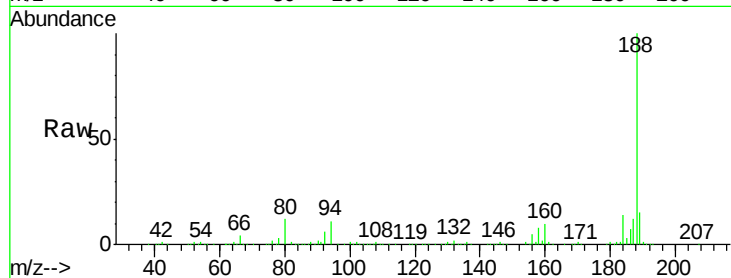
Tgt Ion:188 Resp: 821916

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.2

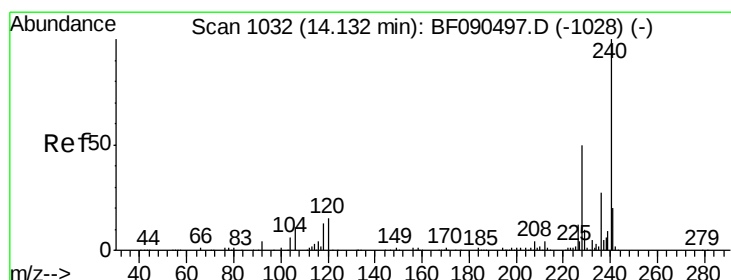
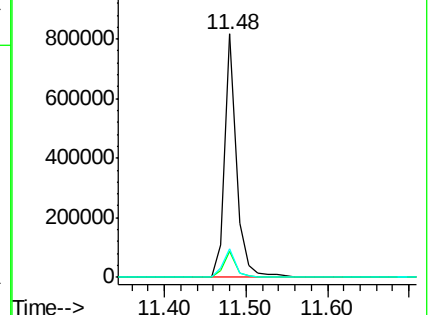
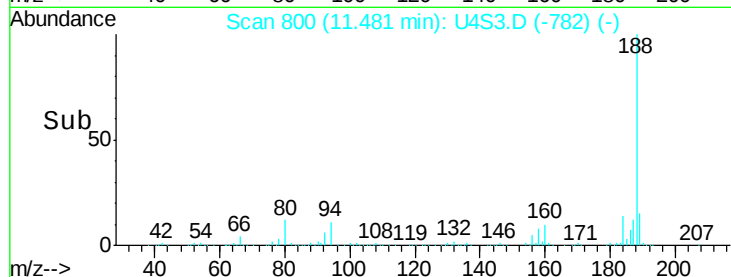
80 11.7 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): U

Ion 94.00 (93.70 to 94.70): U4S

Ion 80.00 (79.70 to 80.70): U4S



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1031

Delta R.T. -0.01 min

Lab File: U4S3.D

Acq: 12 Oct 2016 23:49

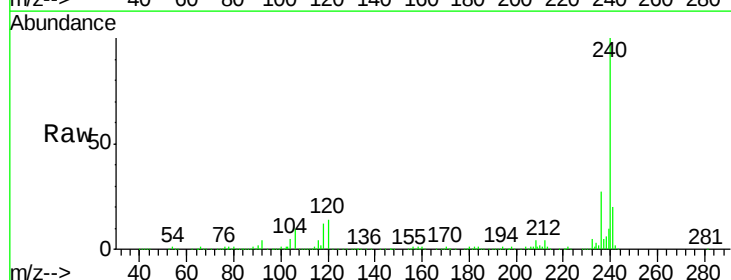
Tgt Ion:240 Resp: 651398

Ion Ratio Lower Upper

240 100

120 13.8 8.6 13.0#

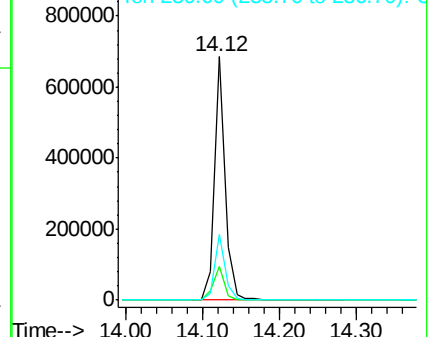
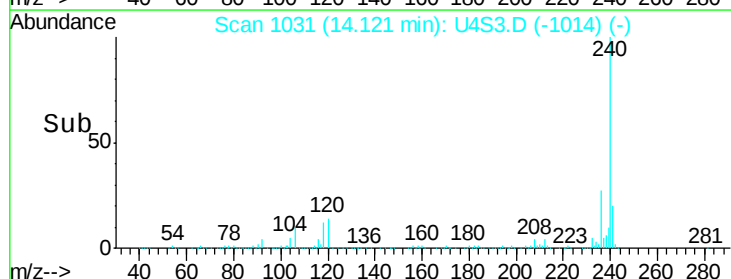
236 27.1 21.6 32.4

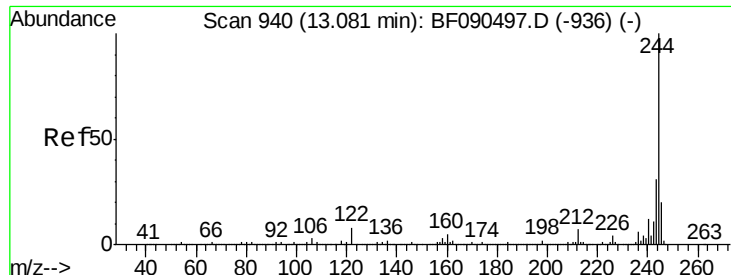


Abundance Ion 240.00 (239.70 to 240.70): U

Ion 120.00 (119.70 to 120.70): U

Ion 236.00 (235.70 to 236.70): U

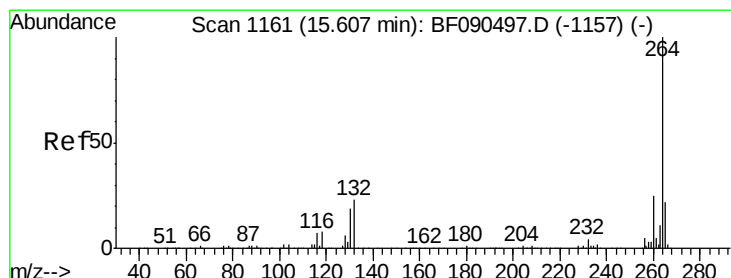
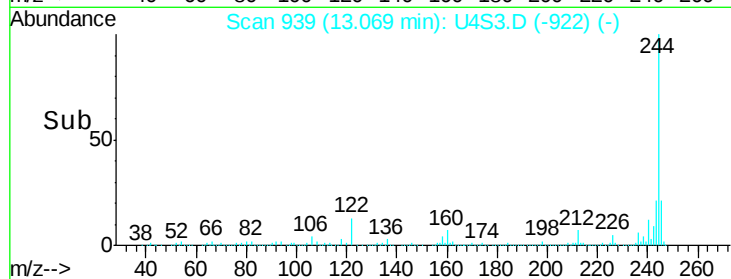
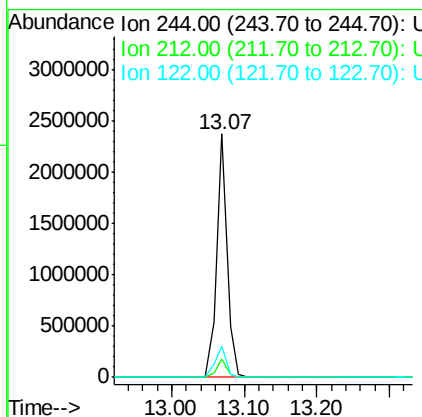
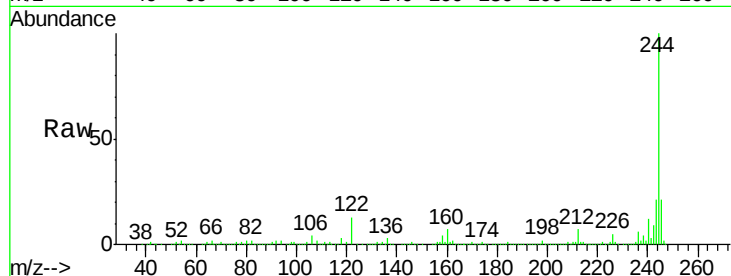




#78
 Terphenyl-d14
 Concen: 89.13 ng
 RT: 13.07 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: U4S3.D
 Acq: 12 Oct 2016 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 2375677
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.8 10.2
 122 13.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: U4S3.D
 Acq: 12 Oct 2016 23:49

Tgt Ion:264 Resp: 471986
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.8 17.4 26.0

