

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
 Data File : U4S1.D
 Acq On : 12 Oct 2016 22:54
 Operator : UM/SJ
 Sample : U4S1
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:55:07 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	210199	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	931596	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	481570	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	866759	20.00	ng	0.00
75) Chrysene-d12	14.12	240	709463	20.00	ng	-0.01
86) Perylene-d12	15.60	264	484947	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1710848	126.62	ng	0.01
7) Phenol-d6	6.59	99	2280376	133.74	ng	0.00
23) Nitrobenzene-d5	7.51	82	1474099	85.82	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	654783	137.17	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2643012	92.23	ng	-0.01
78) Terphenyl-d14	13.07	244	2765976	95.28	ng	-0.01

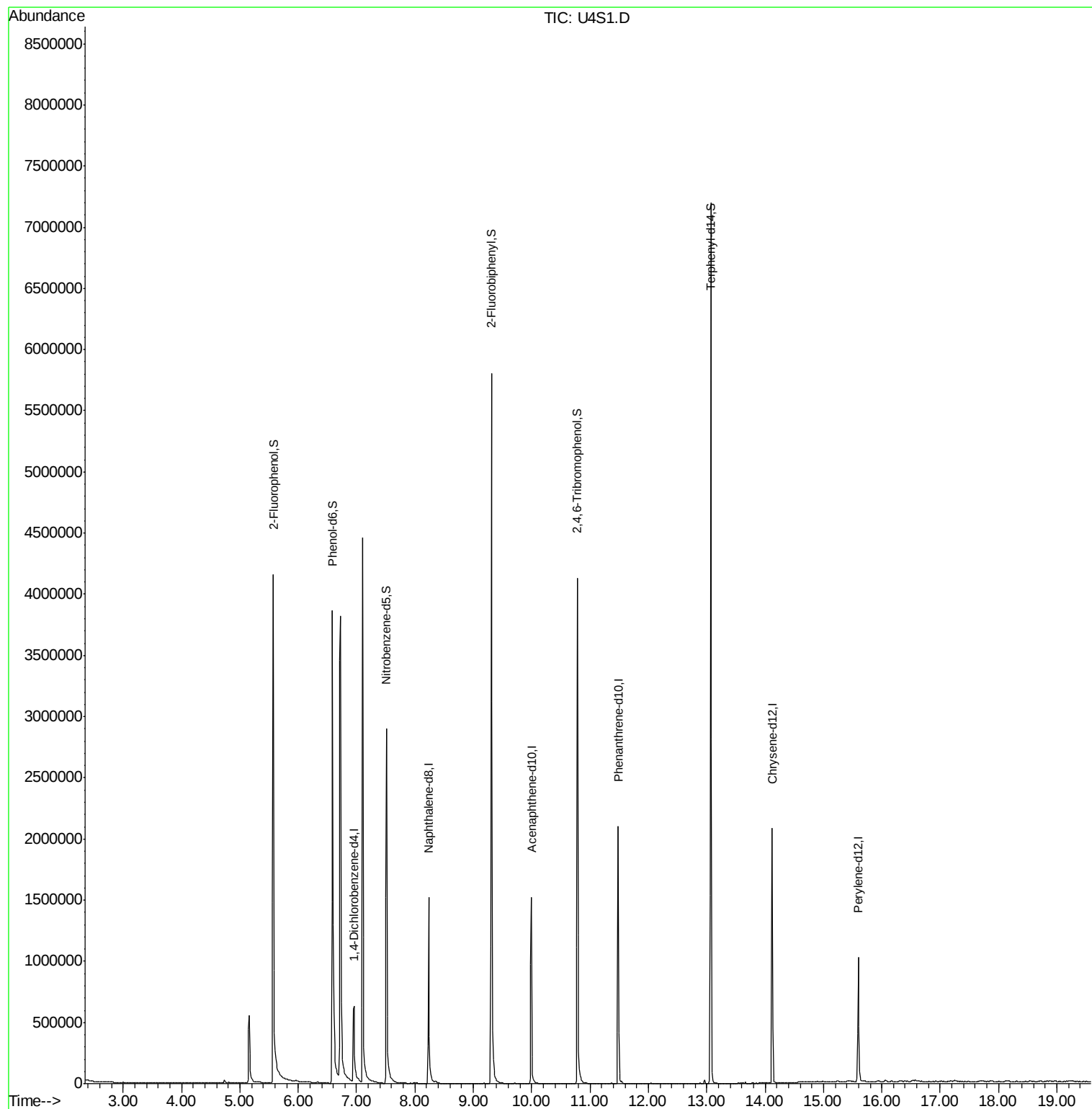
Target Compounds	Qvalue
------------------	--------

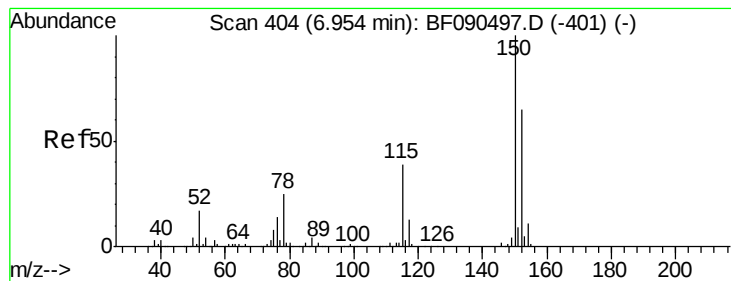
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
Data File : U4S1.D
Acq On : 12 Oct 2016 22:54
Operator : UM/SJ
Sample : U4S1
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 13 00:55:07 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

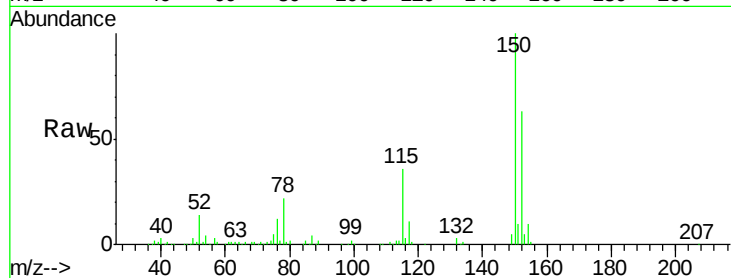




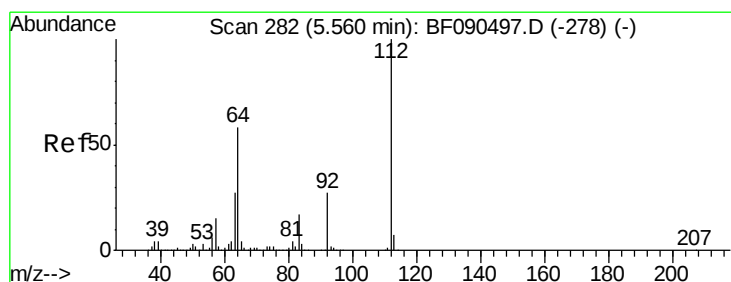
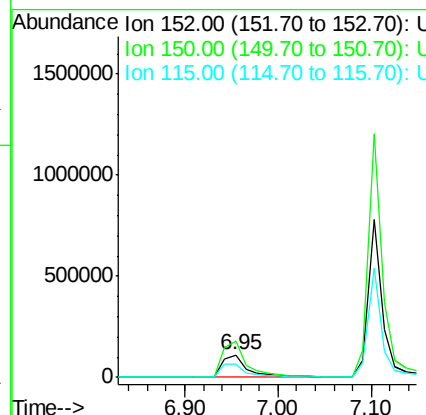
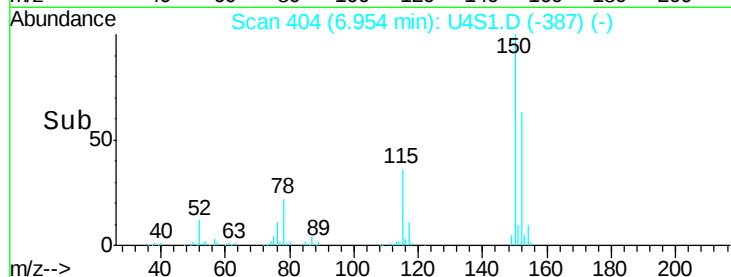
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: U4S1.D
 Acq: 12 Oct 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	57.7	46.2	69.4

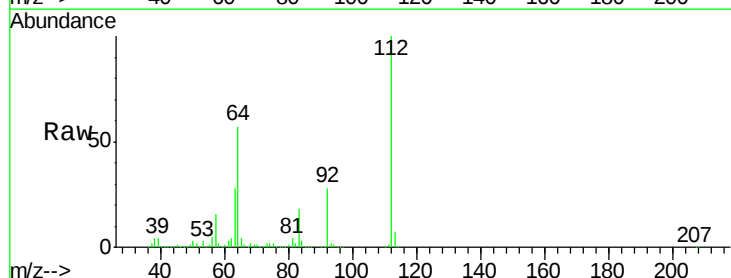


Abundance Ion 152.00 (151.70 to 152.70): U
 Ion 150.00 (149.70 to 150.70): U
 Ion 115.00 (114.70 to 115.70): U

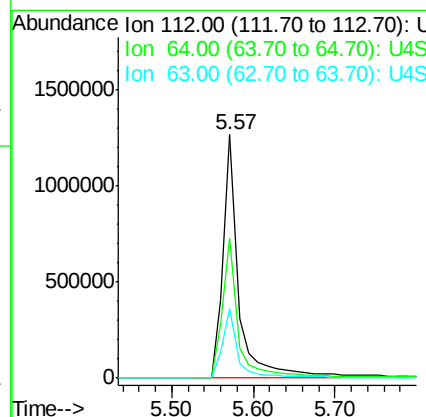
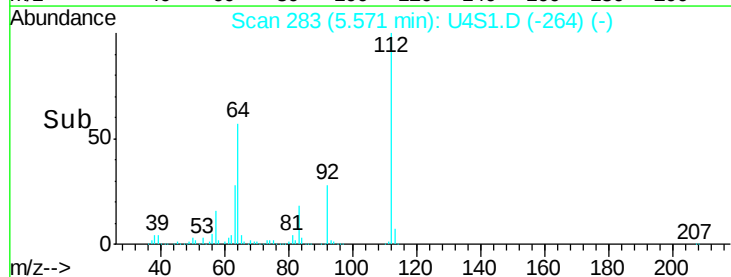


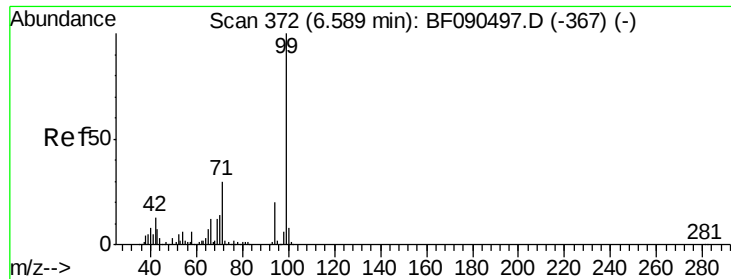
#5
 2-Fluorophenol
 Concen: 126.62 ng
 RT: 5.57 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: U4S1.D
 Acq: 12 Oct 2016 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	57.9	86.9#
63	28.4	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: 133.74 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.00 min

Lab File: U4S1.D

Acq: 12 Oct 2016 22:54

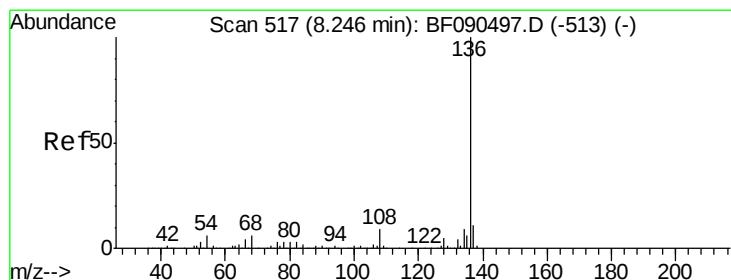
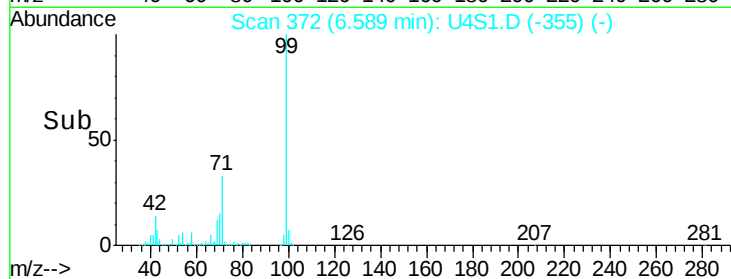
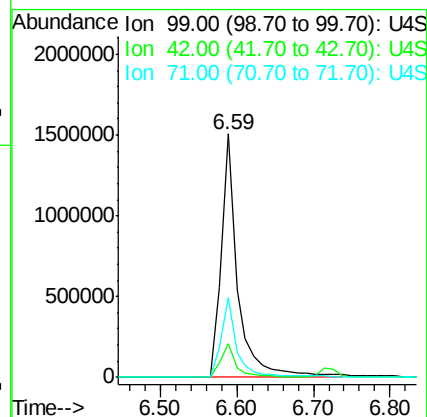
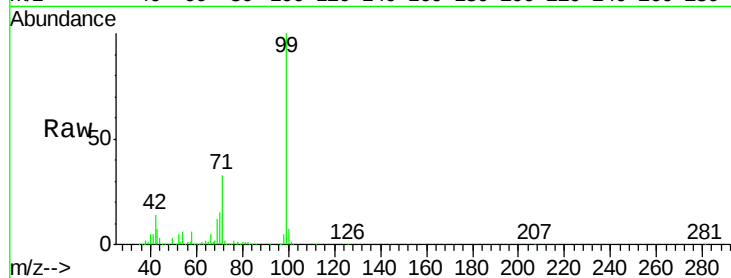
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 2280376

Ion	Ratio	Lower	Upper
99	100		
42	14.1	20.0	30.0#
71	32.5	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

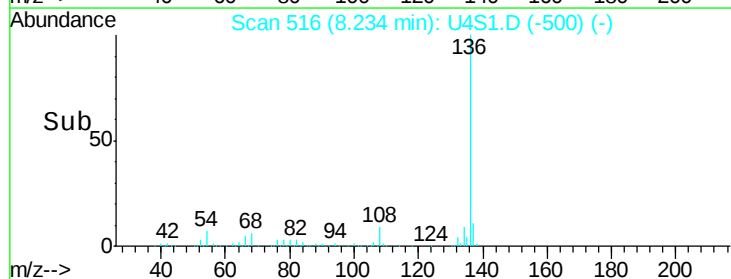
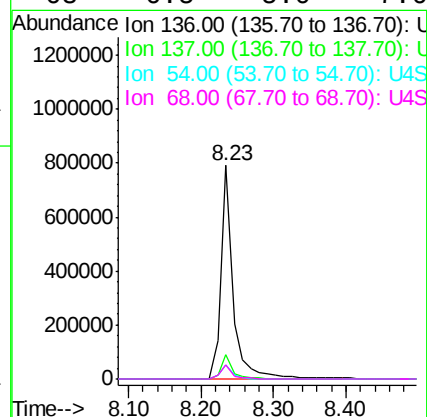
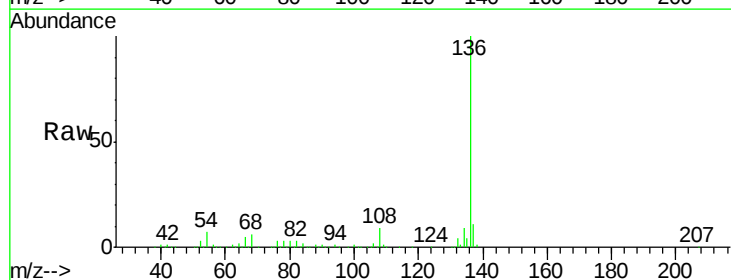
Delta R.T. -0.01 min

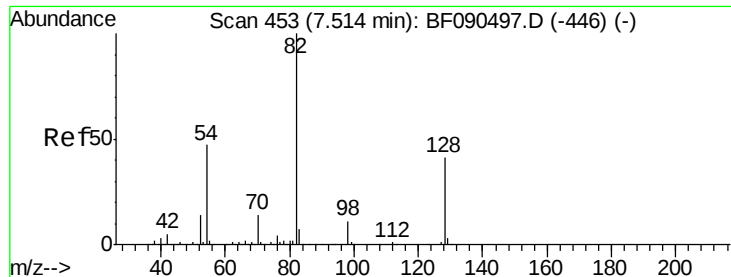
Lab File: U4S1.D

Acq: 12 Oct 2016 22:54

Tgt Ion: 136 Resp: 931596

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.6	6.6	10.0#
68	6.5	5.0	7.6





#23

Nitrobenzene-d5

Concen: 85.82 ng

RT: 7.51 min Scan# 453

Delta R.T. -0.00 min

Lab File: U4S1.D

Acq: 12 Oct 2016 22:54

Instrument :

BNA_F

ClientSampleId :

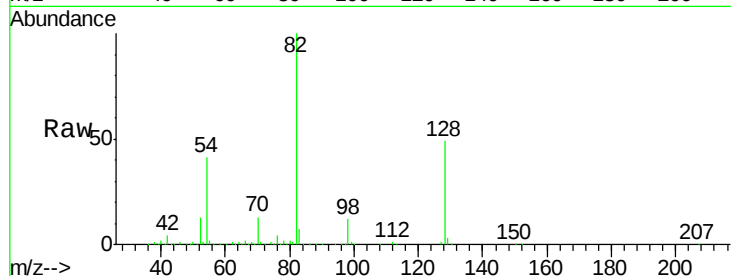
Tgt Ion: 82 Resp: 1474099

Ion Ratio Lower Upper

82 100

128 49.0 40.0 60.0

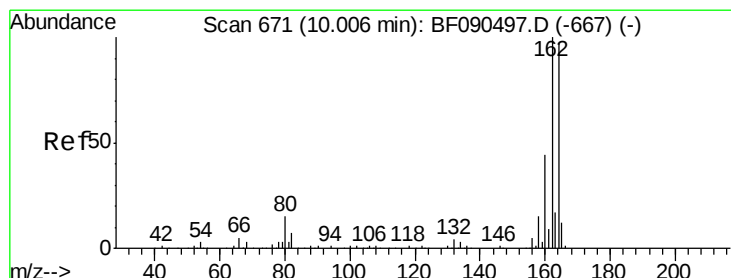
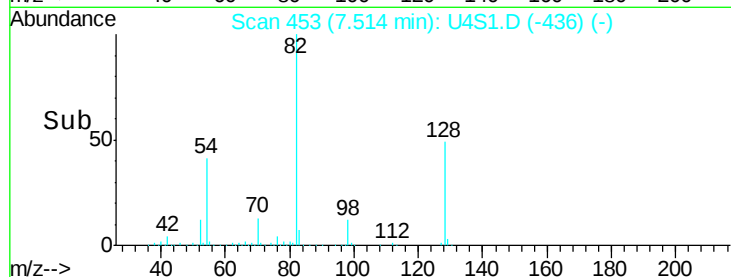
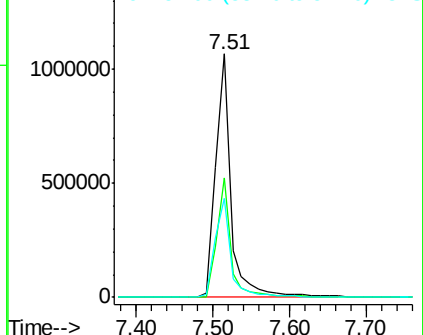
54 40.9 42.6 64.0#



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: U4S1.D

Acq: 12 Oct 2016 22:54

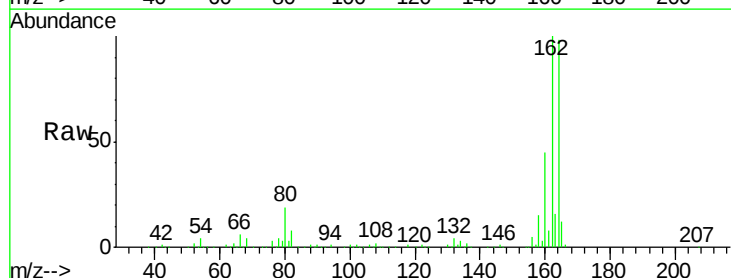
Tgt Ion: 164 Resp: 481570

Ion Ratio Lower Upper

164 100

162 102.5 80.1 120.1

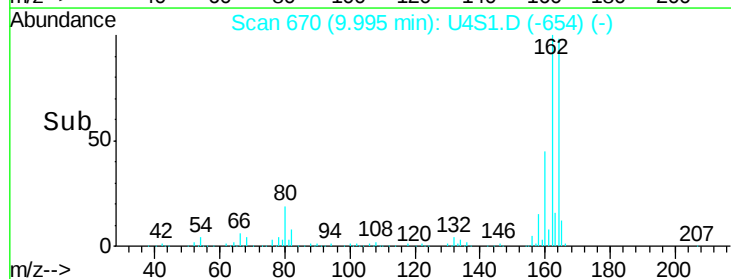
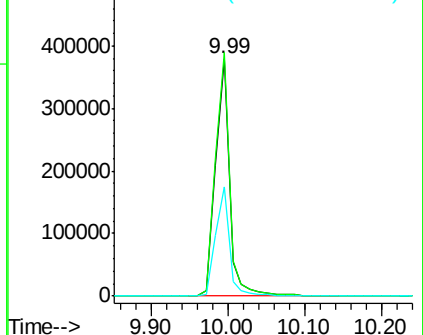
160 46.1 36.3 54.5

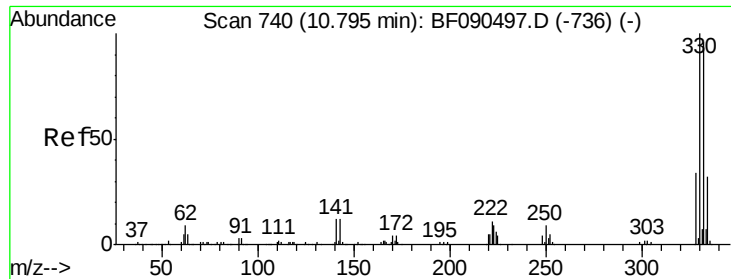


Abundance Ion 164.00 (163.70 to 164.70): U4S

Ion 162.00 (161.70 to 162.70): U4S

Ion 160.00 (159.70 to 160.70): U4S

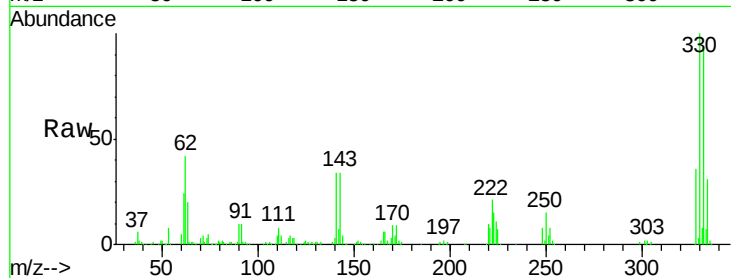




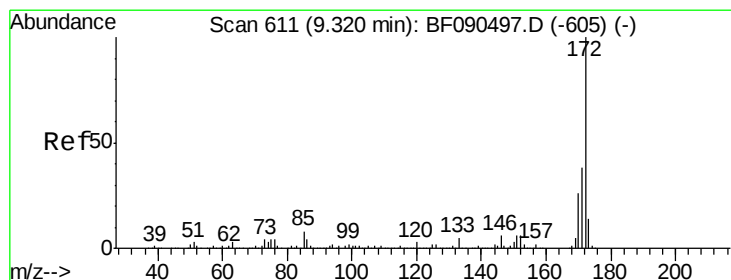
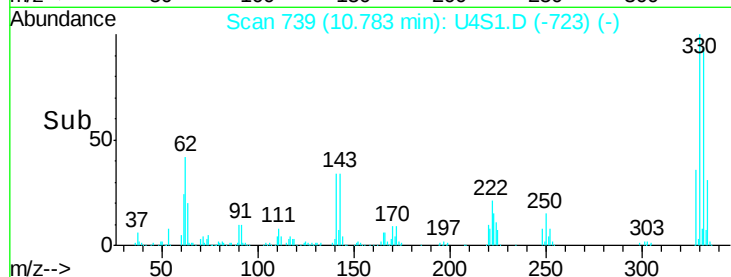
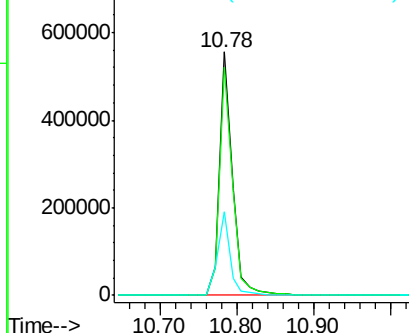
#41
 2,4,6-Tribromophenol
 Concen: 137.17 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: U4S1.D
 Acq: 12 Oct 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 654783
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.4 113.0
 141 34.0 26.9 40.3

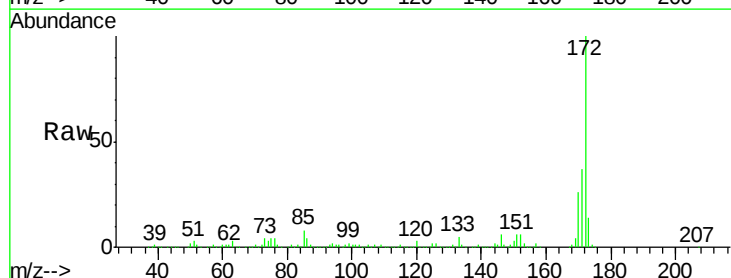


Abundance Ion 329.80 (329.50 to 330.50): U
 Ion 331.80 (331.50 to 332.50): U
 Ion 141.00 (140.70 to 141.70): U

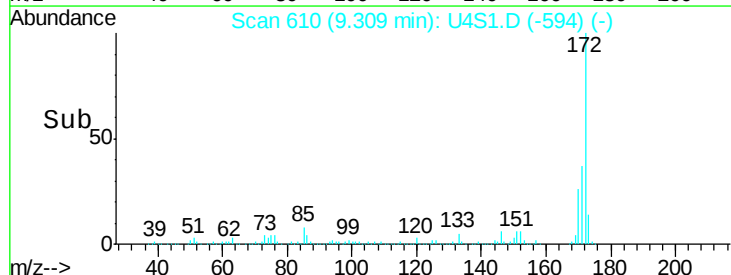
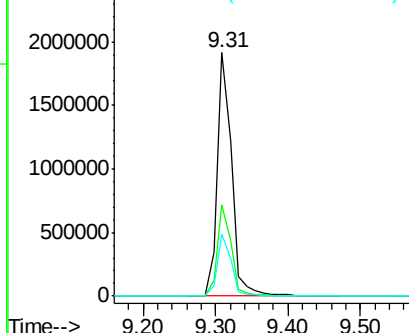


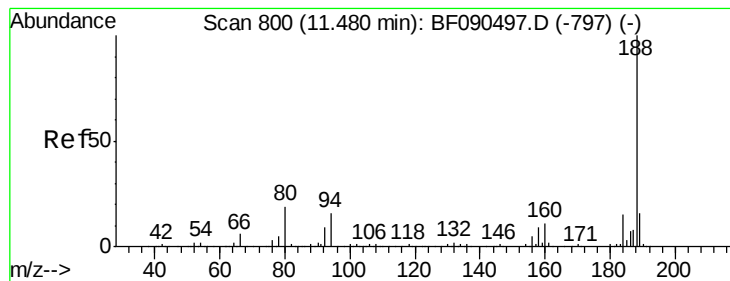
#44
 2-Fluorobiphenyl
 Concen: 92.23 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: U4S1.D
 Acq: 12 Oct 2016 22:54

Tgt Ion:172 Resp: 2643012
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.8 47.8
 170 25.6 21.7 32.5



Abundance Ion 172.00 (171.70 to 172.70): U
 Ion 171.00 (170.70 to 171.70): U
 Ion 170.00 (169.70 to 170.70): U





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 800

Delta R.T. -0.00 min

Lab File: U4S1.D

Acq: 12 Oct 2016 22:54

Instrument :

BNA_F

ClientSampled :

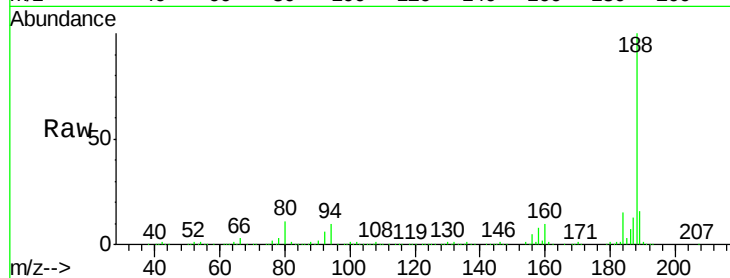
Tgt Ion:188 Resp: 866759

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

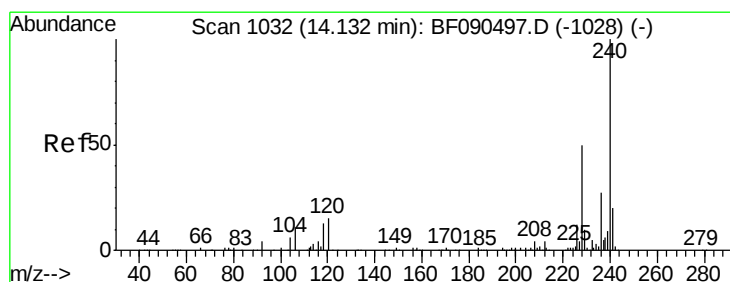
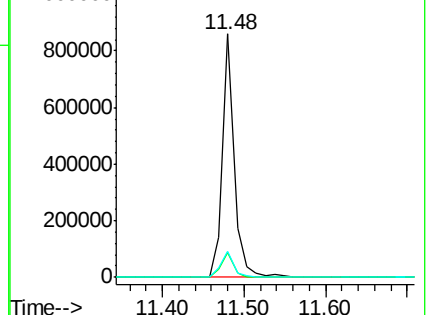
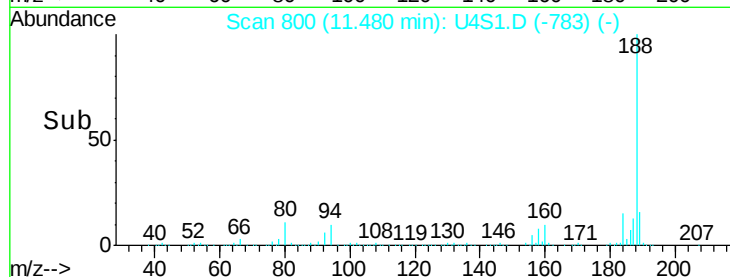
80 10.9 8.8 13.2



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: U4S1.D

Acq: 12 Oct 2016 22:54

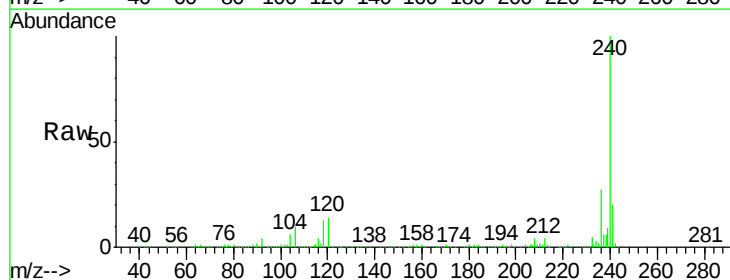
Tgt Ion:240 Resp: 709463

Ion Ratio Lower Upper

240 100

120 14.3 8.6 13.0#

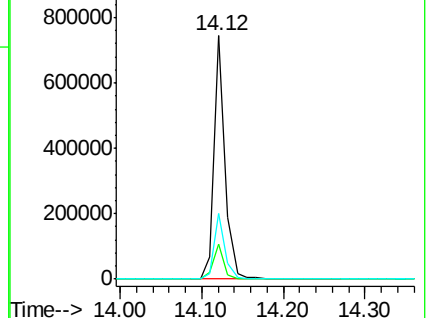
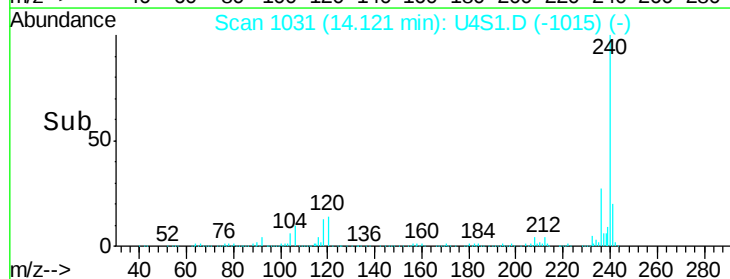
236 27.1 21.6 32.4

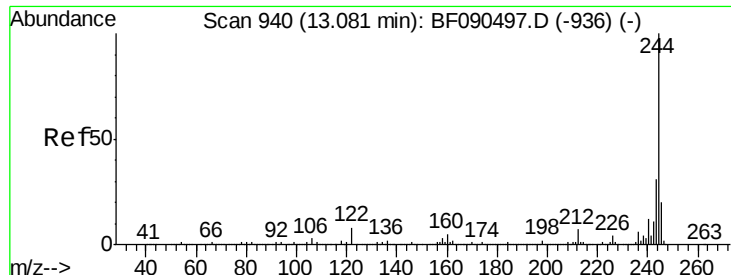


Abundance Ion 240.00 (239.70 to 240.70): U

Ion 120.00 (119.70 to 120.70): U

Ion 236.00 (235.70 to 236.70): U

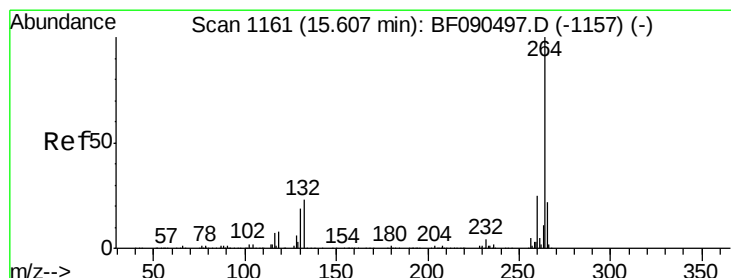
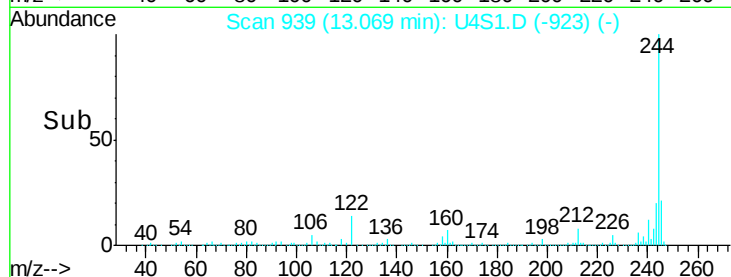
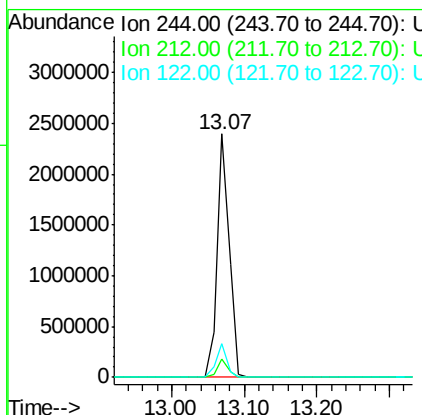
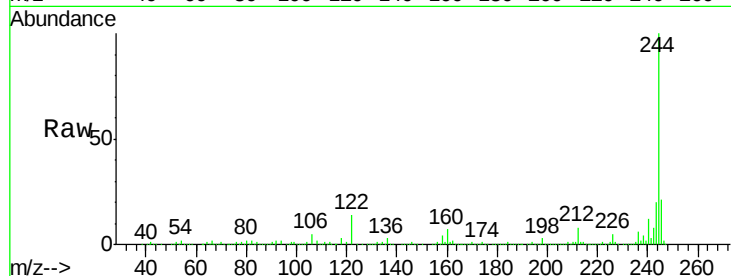




#78
 Terphenyl-d14
 Concen: 95.28 ng
 RT: 13.07 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: U4S1.D
 Acq: 12 Oct 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 2765976
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.8 10.2
 122 13.6 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: U4S1.D
 Acq: 12 Oct 2016 22:54

Tgt Ion:264 Resp: 484947
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 21.7 17.4 26.0

