

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
 Data File : U4S2.D
 Acq On : 12 Oct 2016 23:22
 Operator : UM/SJ
 Sample : U4S2
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:55:17 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	204596	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	879425	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	450789	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	822747	20.00	ng	0.00
75) Chrysene-d12	14.12	240	684475	20.00	ng	-0.01
86) Perylene-d12	15.60	264	400927	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1658583	126.12	ng	0.01
7) Phenol-d6	6.59	99	2265215	136.49	ng	0.00
23) Nitrobenzene-d5	7.51	82	1427981	88.07	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	624993	139.86	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2515161	93.76	ng	-0.01
78) Terphenyl-d14	13.07	244	2642307	94.34	ng	-0.01

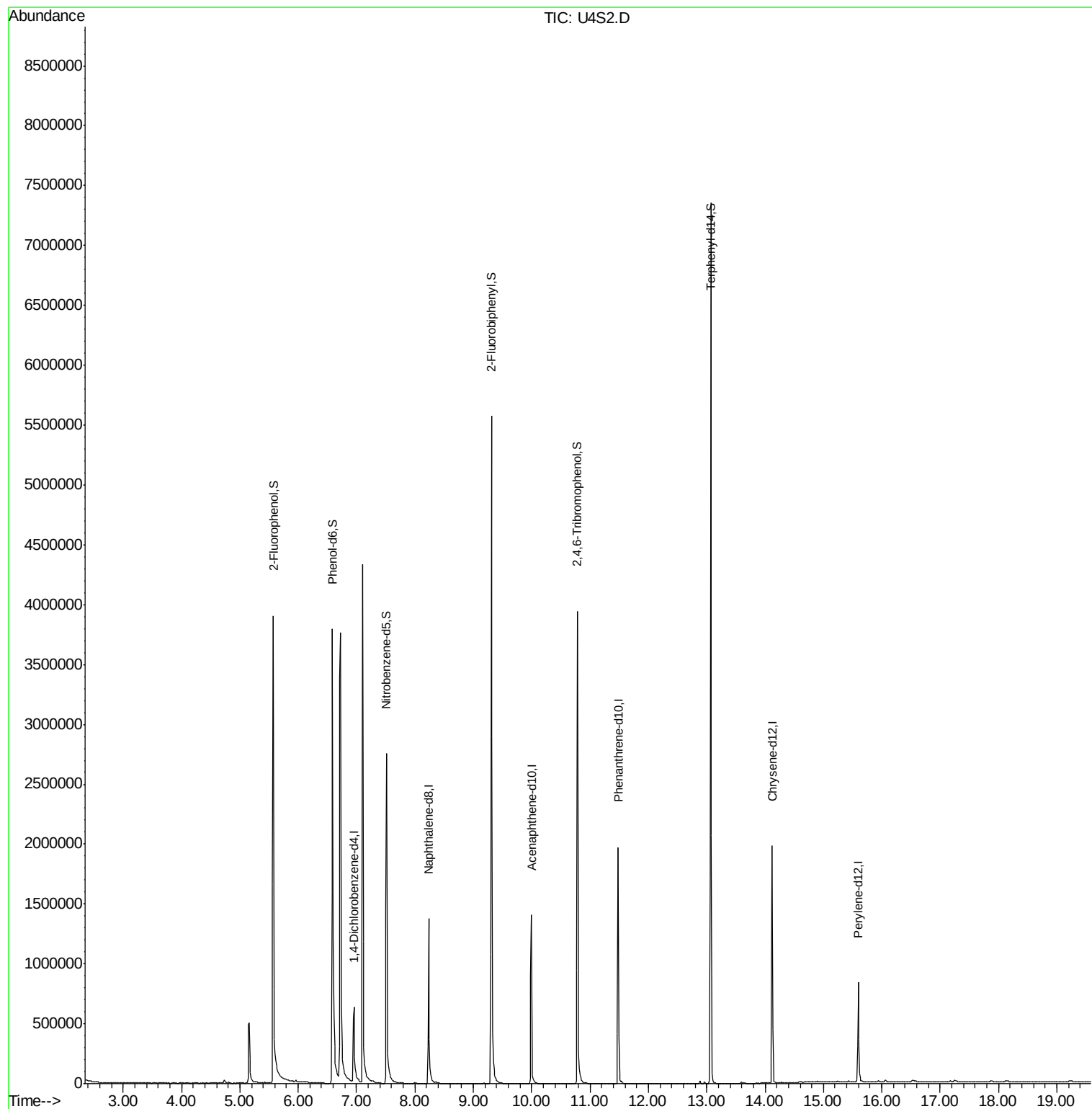
Target Compounds	Qvalue
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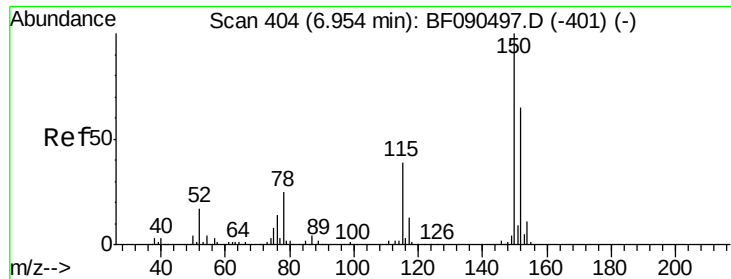
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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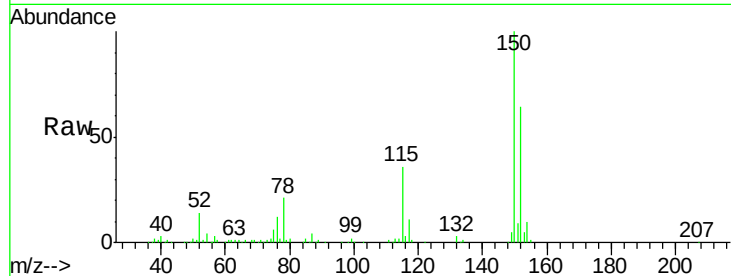


#1

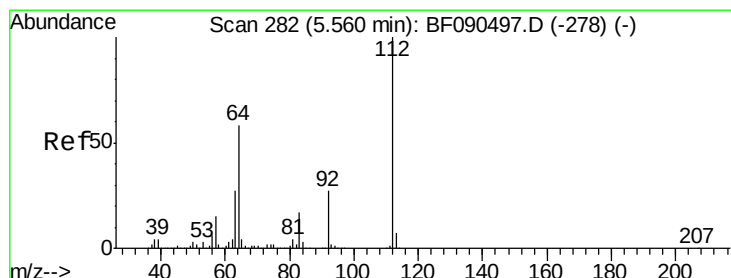
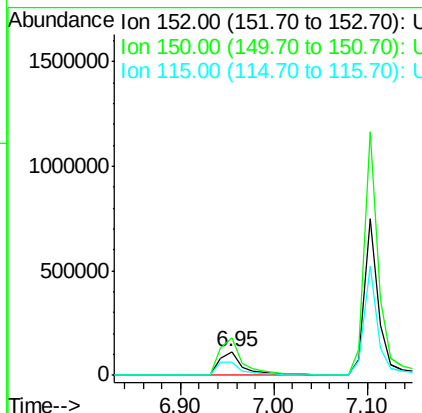
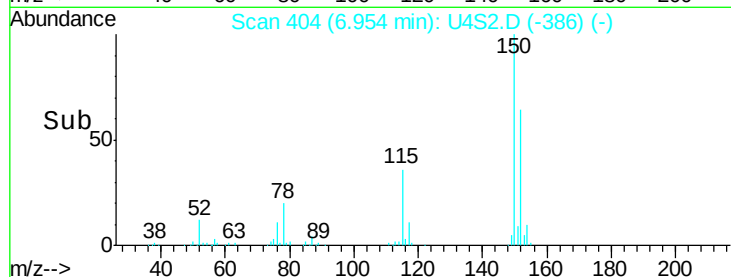
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: U4S2.D
Acq: 12 Oct 2016 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	55.9	46.2	69.4



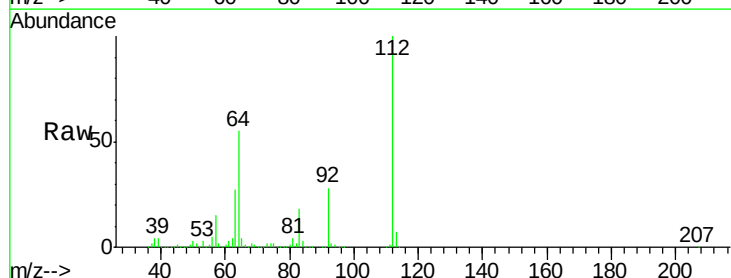
Abundance Ion 152.00 (151.70 to 152.70): U
Ion 150.00 (149.70 to 150.70): U
Ion 115.00 (114.70 to 115.70): U



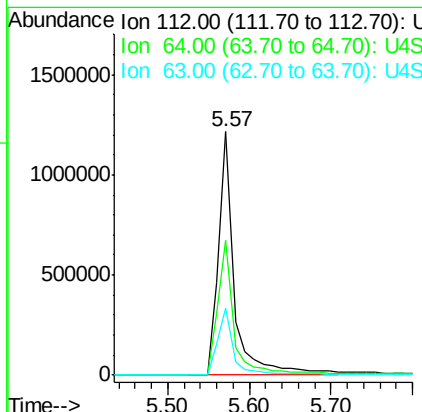
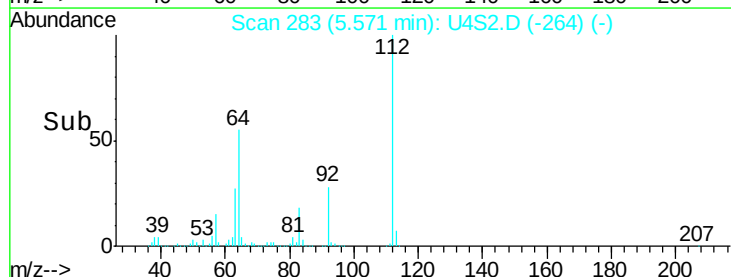
#5

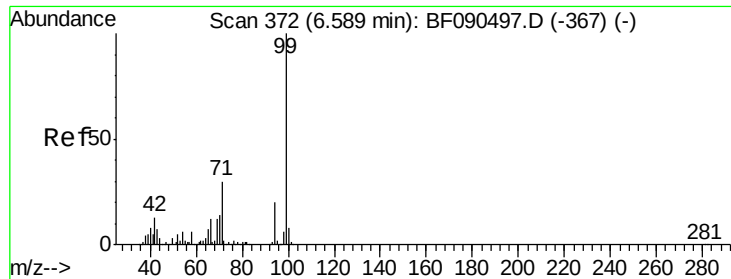
2-Fluorophenol
Concen: 126.12 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: U4S2.D
Acq: 12 Oct 2016 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	57.9	86.9#
63	27.4	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: 136.49 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: U4S2.D

Acq: 12 Oct 2016 23:22

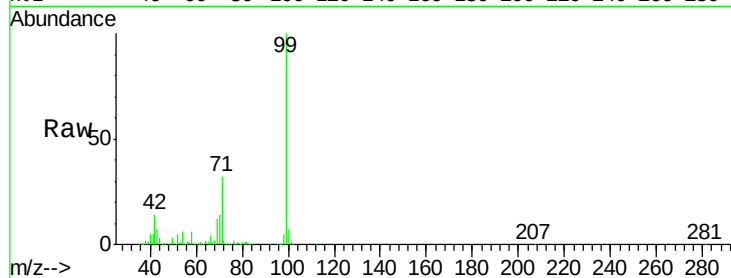
Instrument :

BNA_F

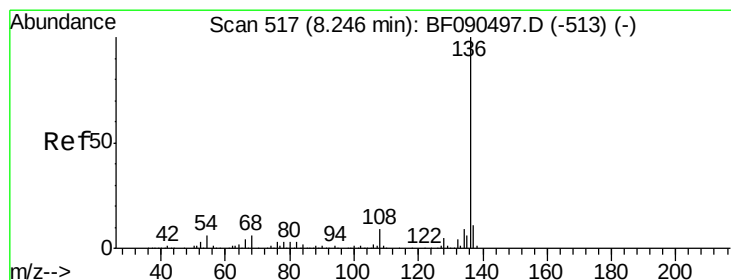
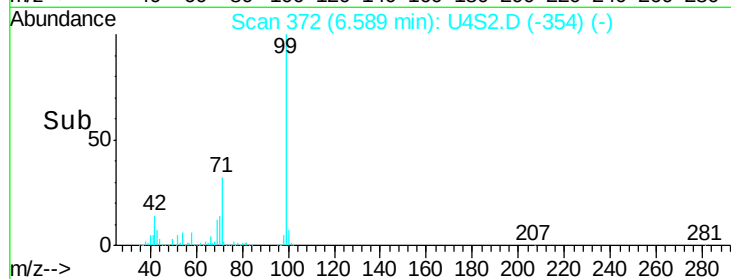
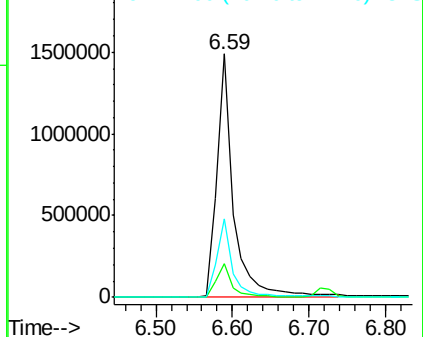
ClientSampleId :

Tgt Ion: 99 Resp: 2265215

Ion	Ratio	Lower	Upper
99	100		
42	13.9	20.0	30.0#
71	32.3	27.9	41.9



Abundance Ion 99.00 (98.70 to 99.70): U4S
Ion 42.00 (41.70 to 42.70): U4S
Ion 71.00 (70.70 to 71.70): U4S



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

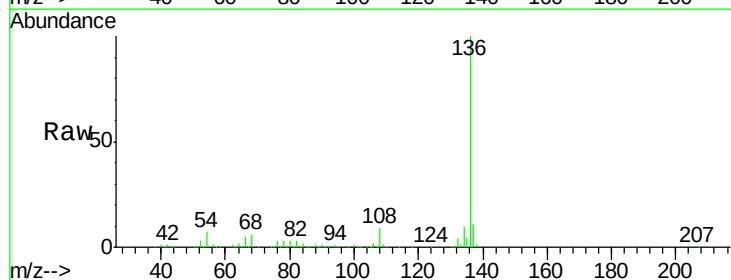
Delta R.T. -0.01 min

Lab File: U4S2.D

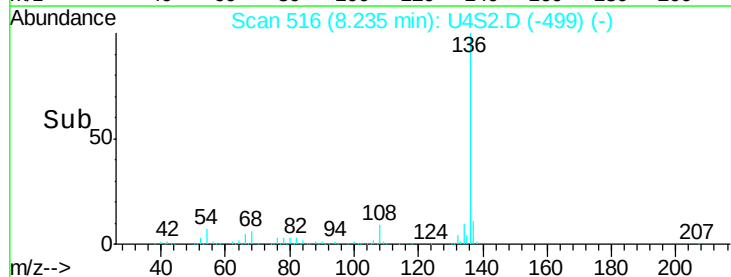
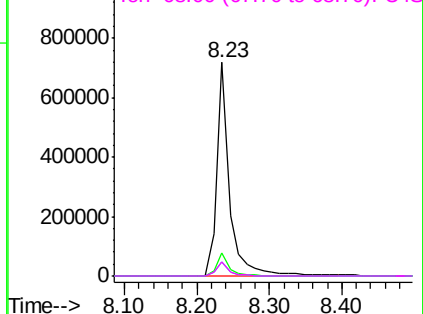
Acq: 12 Oct 2016 23:22

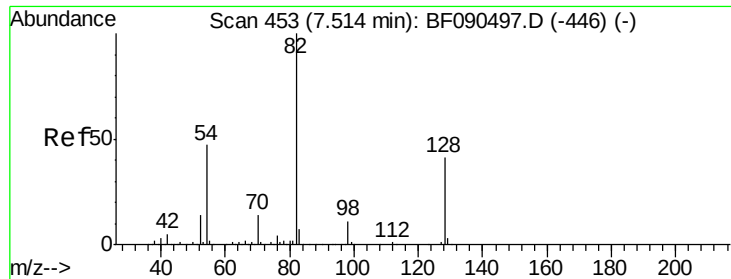
Tgt Ion: 136 Resp: 879425

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.5	6.6	10.0#
68	6.4	5.0	7.6



Abundance Ion 136.00 (135.70 to 136.70): U4S
Ion 137.00 (136.70 to 137.70): U4S
Ion 54.00 (53.70 to 54.70): U4S
Ion 68.00 (67.70 to 68.70): U4S

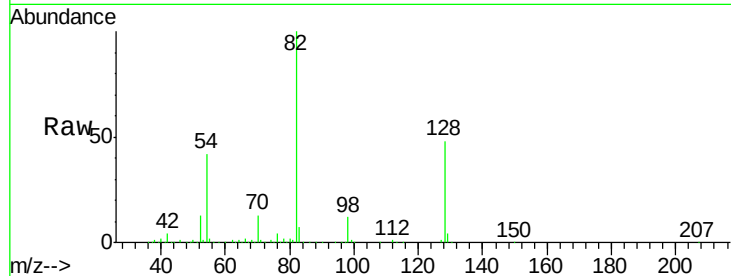




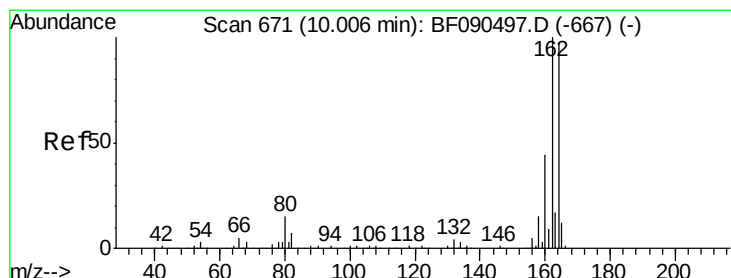
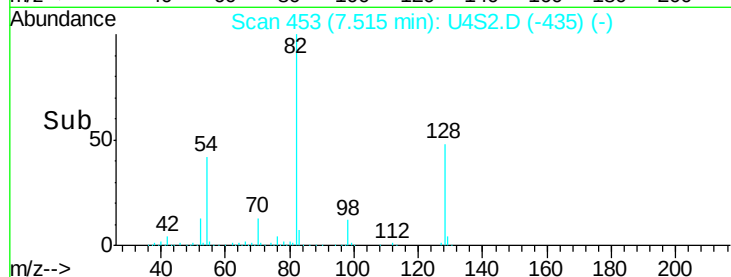
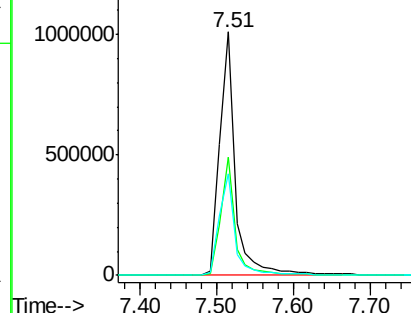
#23
 Nitrobenzene-d5
 Concen: 88.07 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: U4S2.D
 Acq: 12 Oct 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82 Resp: 1427981
 Ion Ratio Lower Upper
 82 100
 128 48.4 40.0 60.0
 54 41.6 42.6 64.0#

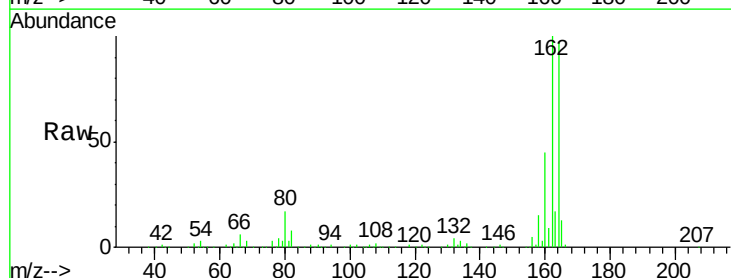


Abundance Ion 82.00 (81.70 to 82.70): U4S
 Ion 128.00 (127.70 to 128.70): U4S
 Ion 54.00 (53.70 to 54.70): U4S

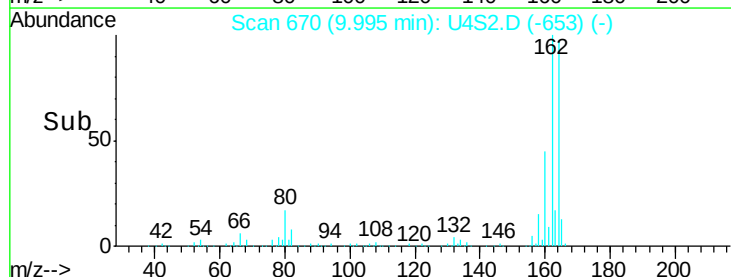
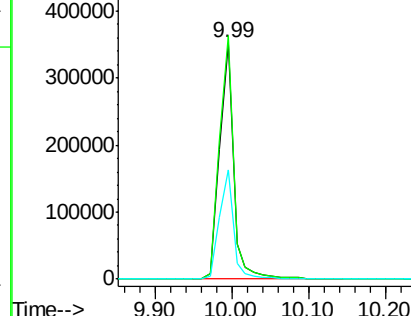


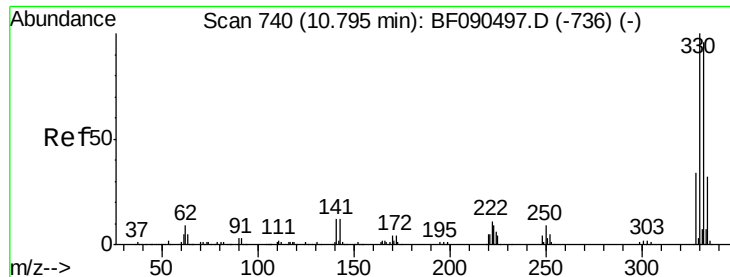
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: U4S2.D
 Acq: 12 Oct 2016 23:22

Tgt Ion: 164 Resp: 450789
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.1 120.1
 160 45.9 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

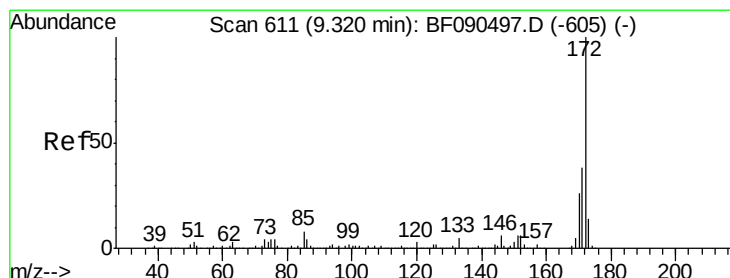
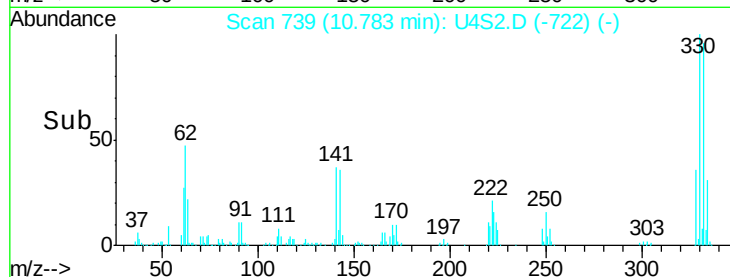
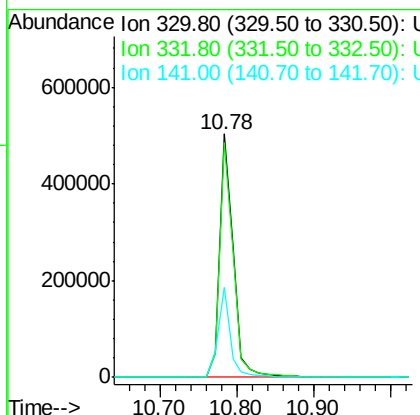
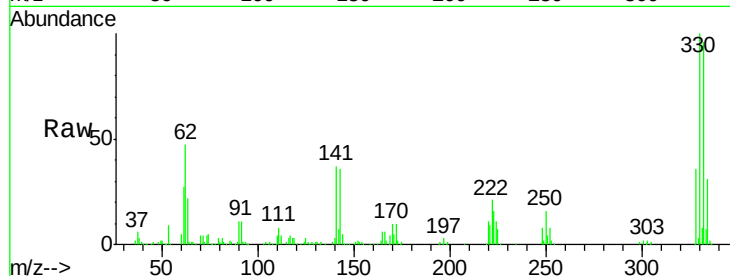




#41
 2,4,6-Tribromophenol
 Concen: 139.86 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: U4S2.D
 Acq: 12 Oct 2016 23:22

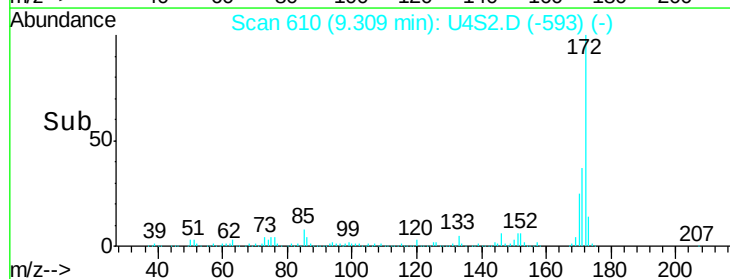
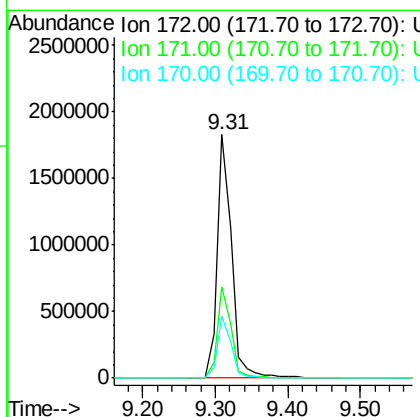
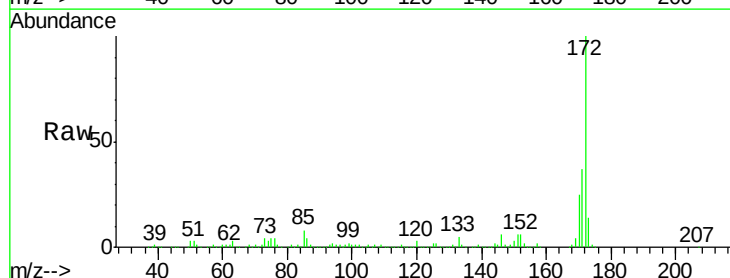
Instrument :
 BNA_F
 ClientSampleId :

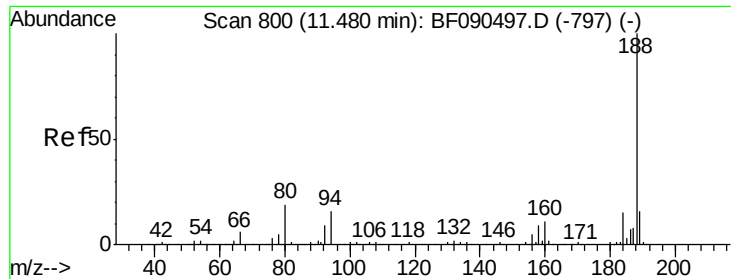
Tgt Ion:330 Resp: 624993
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 34.1 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 93.76 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: U4S2.D
 Acq: 12 Oct 2016 23:22

Tgt Ion:172 Resp: 2515161
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.8 47.8
 170 25.3 21.7 32.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 800

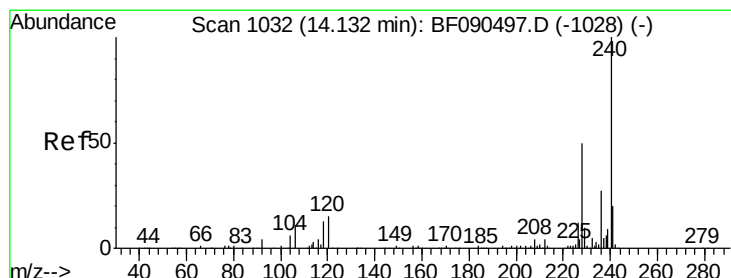
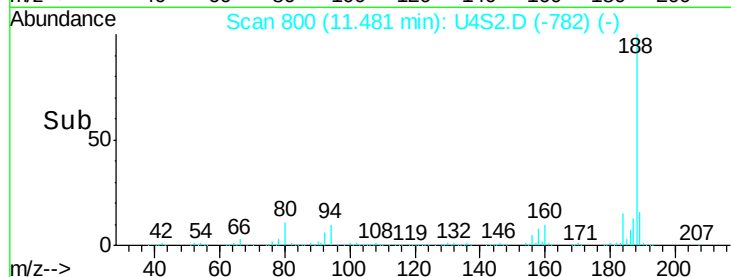
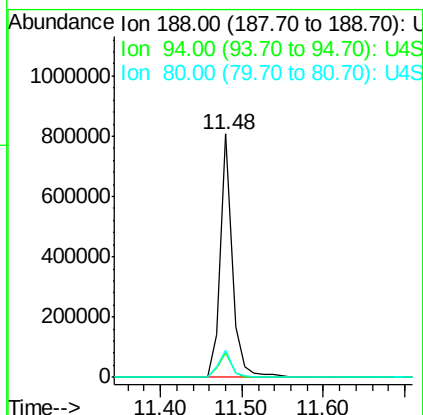
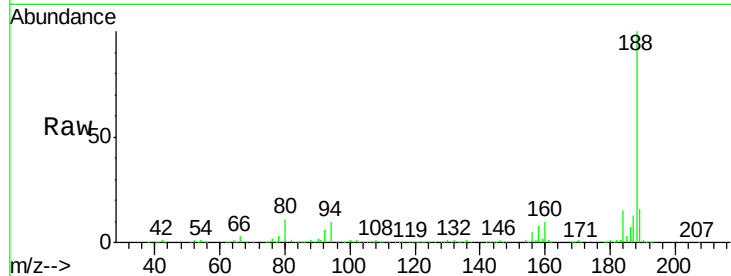
Delta R.T. 0.00 min

Lab File: U4S2.D

Acq: 12 Oct 2016 23:22

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	188	Resp:	822747
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	11.2	8.8	13.2



#75

Chrysene-d12

Concen: 20.00 ng

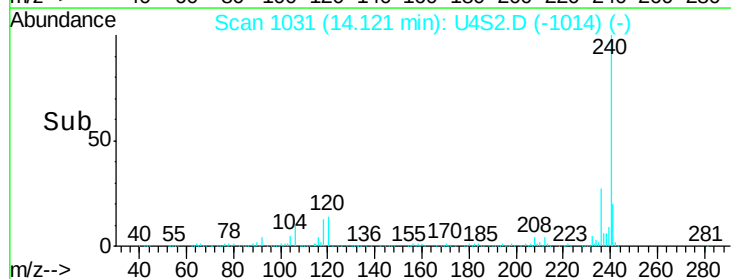
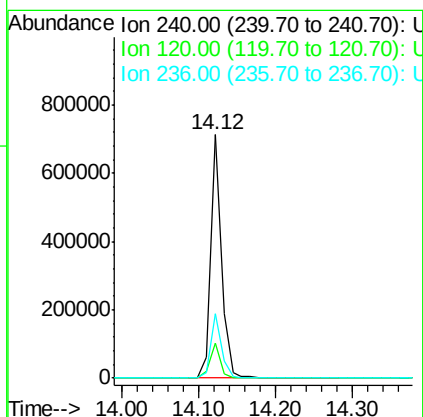
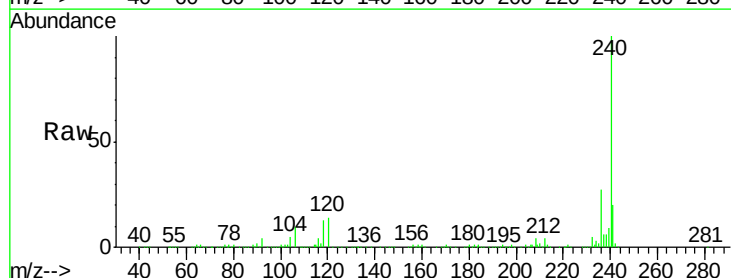
RT: 14.12 min Scan# 1031

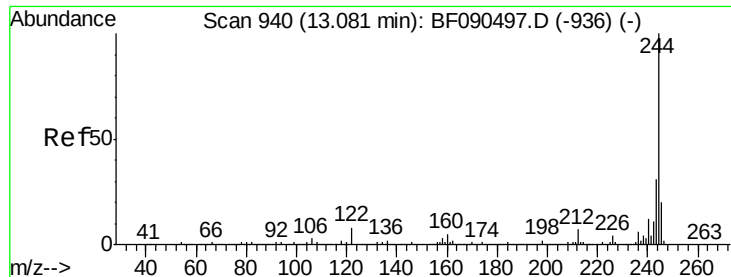
Delta R.T. -0.01 min

Lab File: U4S2.D

Acq: 12 Oct 2016 23:22

Tgt Ion:	240	Resp:	684475
Ion	Ratio	Lower	Upper
240	100		
120	14.3	8.6	13.0#
236	26.7	21.6	32.4

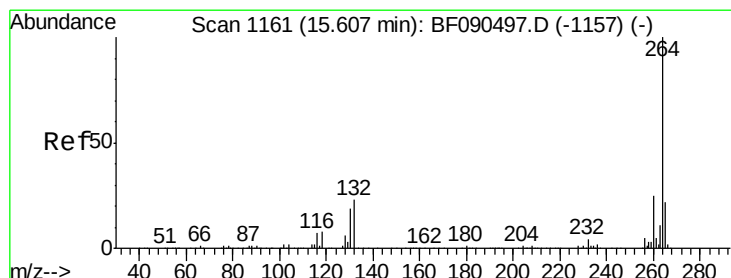
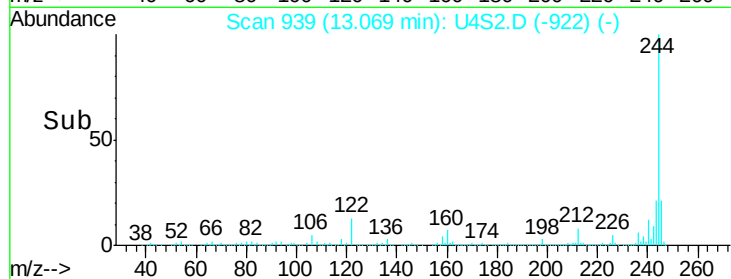
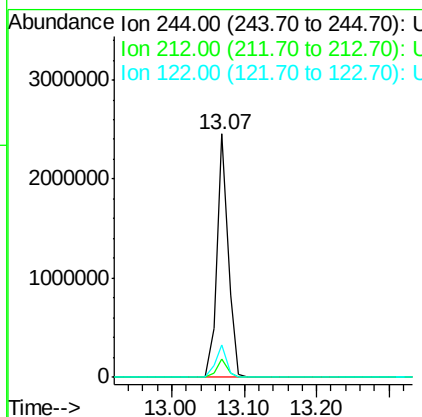
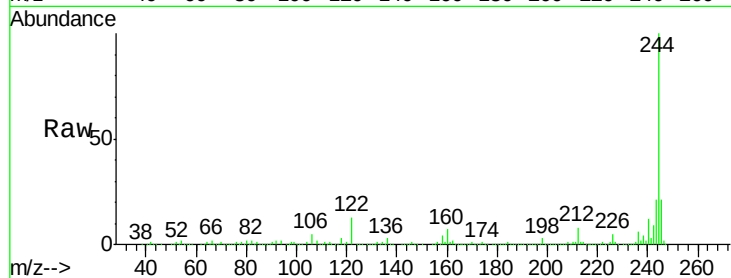




#78
 Terphenyl-d14
 Concen: 94.34 ng
 RT: 13.07 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: U4S2.D
 Acq: 12 Oct 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 2642307
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.8 10.2
 122 13.3 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: U4S2.D
 Acq: 12 Oct 2016 23:22

Tgt Ion:264 Resp: 400927
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.8 17.4 26.0

