

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
 Data File : U3S1.D
 Acq On : 12 Oct 2016 20:10
 Operator : UM/SJ
 Sample : U3S1
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:54:01 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	195951	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	853446	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	444338	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	762924	20.00	ng	0.00
75) Chrysene-d12	14.12	240	539837	20.00	ng	-0.01
86) Perylene-d12	15.60	264	365591	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1551994	123.22	ng	0.01
7) Phenol-d6	6.59	99	2082895	131.04	ng	0.00
23) Nitrobenzene-d5	7.51	82	1313623	83.48	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	552798	125.50	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2324770	87.92	ng	-0.01
78) Terphenyl-d14	13.07	244	2208608	99.98	ng	-0.01

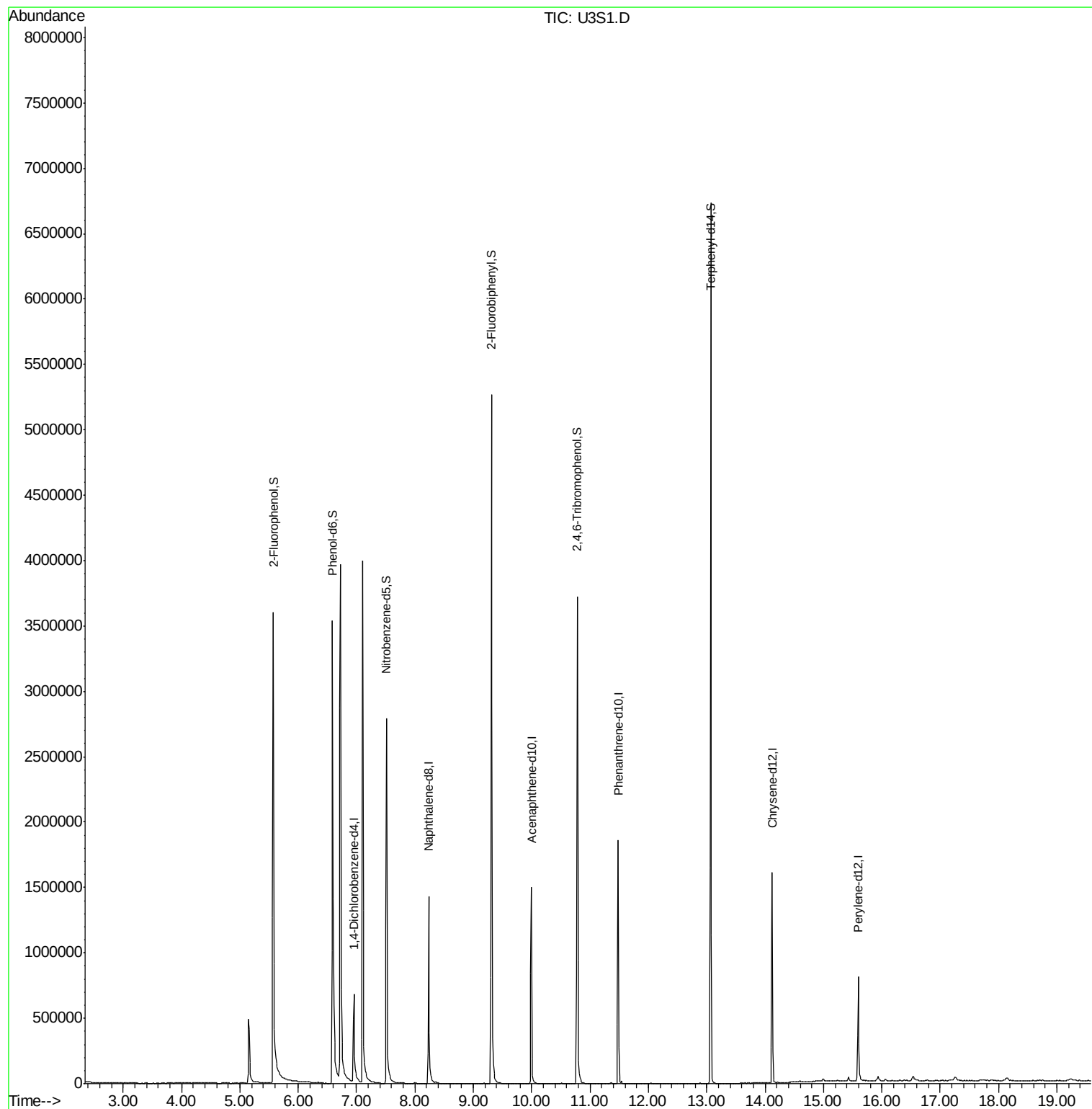
Target Compounds	Qvalue
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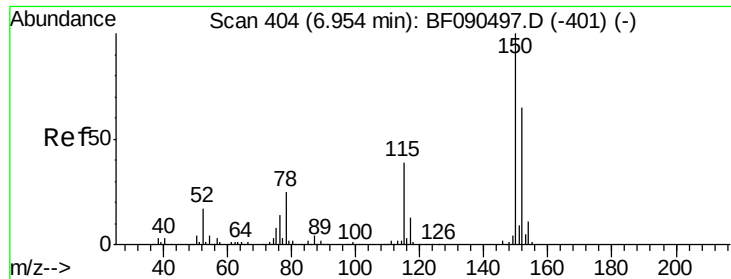
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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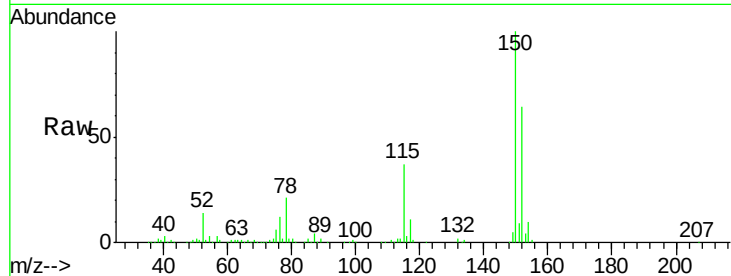


#1

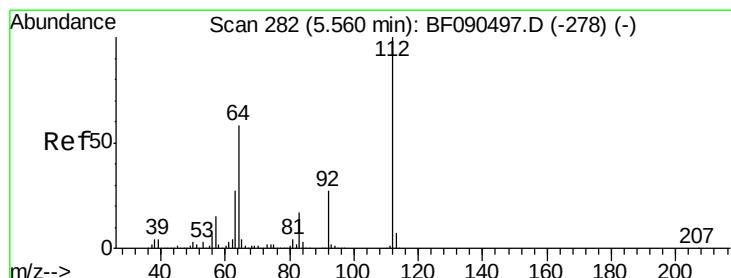
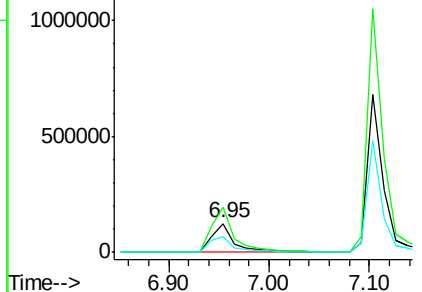
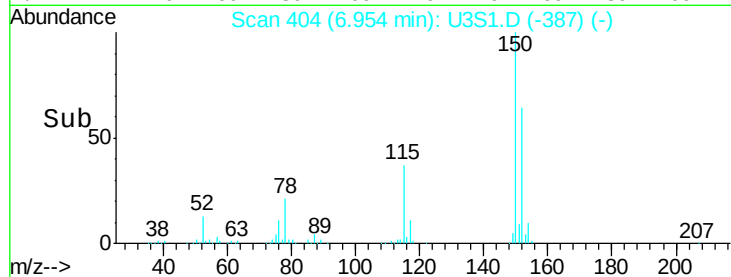
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: U3S1.D
Acq: 12 Oct 2016 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	57.1	46.2	69.4



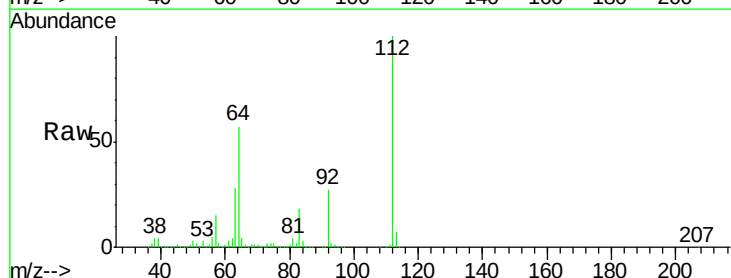
Abundance Ion 152.00 (151.70 to 152.70): U
Ion 150.00 (149.70 to 150.70): U
Ion 115.00 (114.70 to 115.70): U



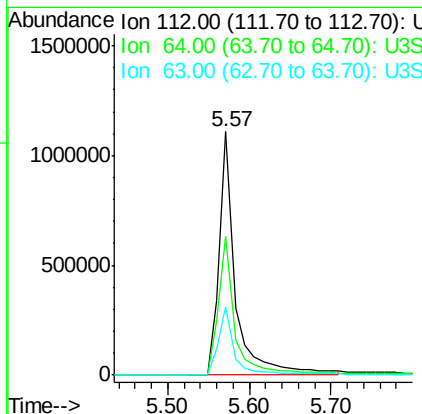
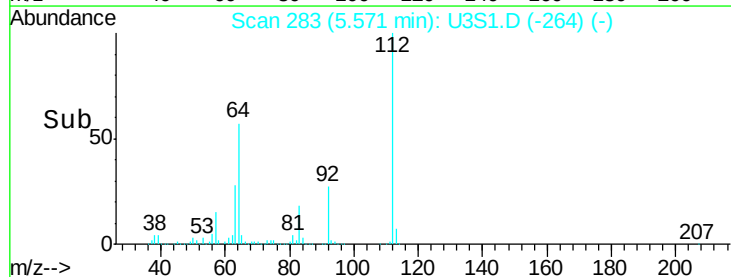
#5

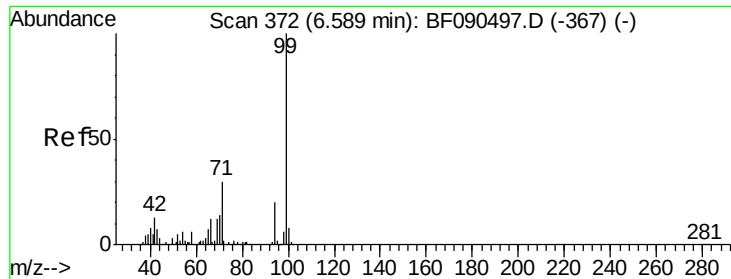
2-Fluorophenol
Concen: 123.22 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: U3S1.D
Acq: 12 Oct 2016 20:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	57.9	86.9#
63	28.0	29.6	44.4#



Abundance Ion 112.00 (111.70 to 112.70): U
Ion 64.00 (63.70 to 64.70): U3S
Ion 63.00 (62.70 to 63.70): U3S





#7

Phenol-d6

Concen: 131.04 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: U3S1.D

Acq: 12 Oct 2016 20:10

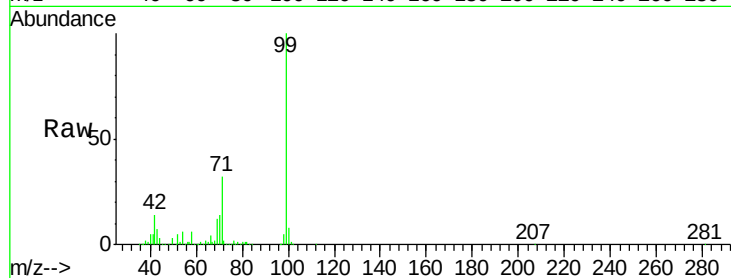
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 2082895

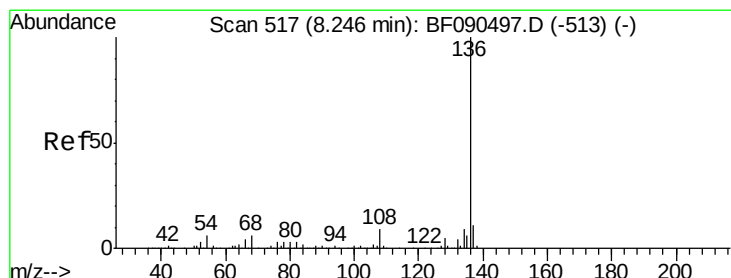
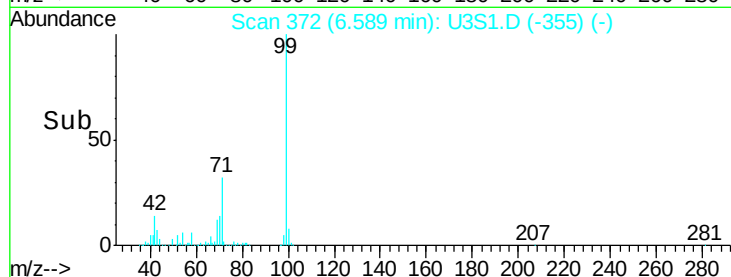
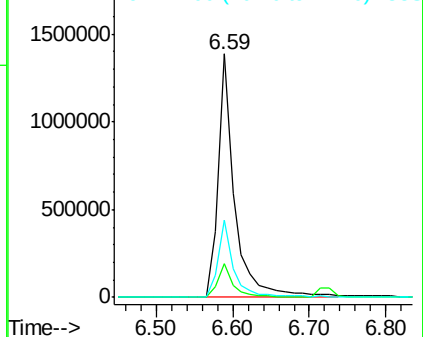
Ion	Ratio	Lower	Upper
99	100		
42	14.1	20.0	30.0#
71	31.9	27.9	41.9



Abundance Ion 99.00 (98.70 to 99.70): U3S

Ion 42.00 (41.70 to 42.70): U3S

Ion 71.00 (70.70 to 71.70): U3S



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

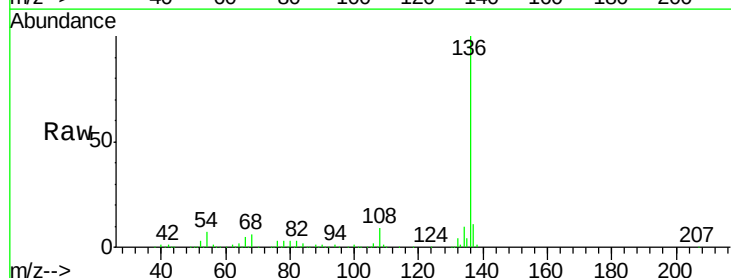
Delta R.T. -0.01 min

Lab File: U3S1.D

Acq: 12 Oct 2016 20:10

Tgt Ion: 136 Resp: 853446

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.6	6.6	10.0#
68	6.4	5.0	7.6

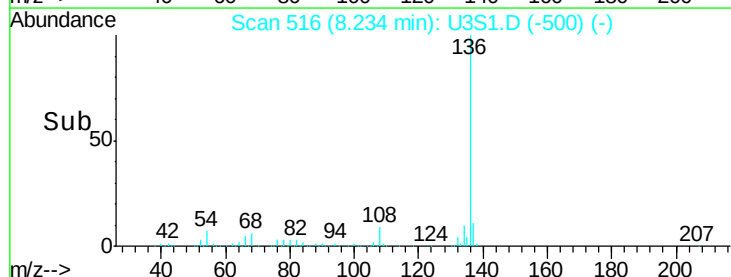
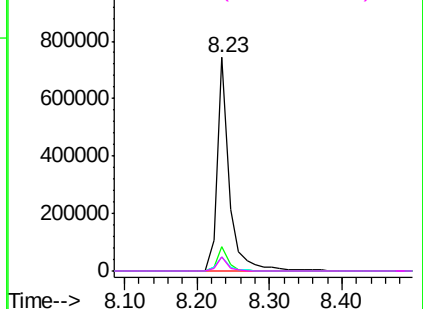


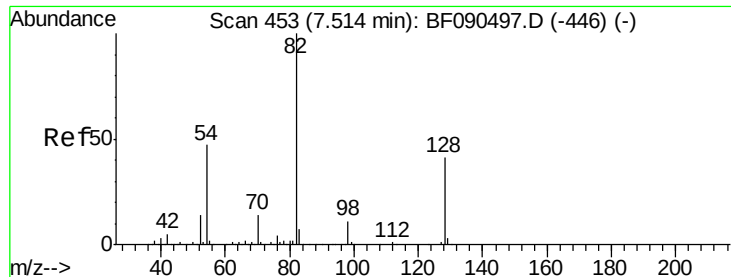
Abundance Ion 136.00 (135.70 to 136.70): U

Ion 137.00 (136.70 to 137.70): U

Ion 54.00 (53.70 to 54.70): U3S

Ion 68.00 (67.70 to 68.70): U3S





#23

Nitrobenzene-d5

Concen: 83.48 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.00 min

Lab File: U3S1.D

Acq: 12 Oct 2016 20:10

Instrument :

BNA_F

ClientSampleId :

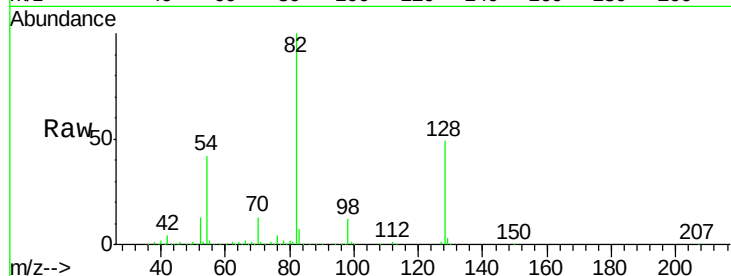
Tgt Ion: 82 Resp: 1313623

Ion Ratio Lower Upper

82 100

128 48.8 40.0 60.0

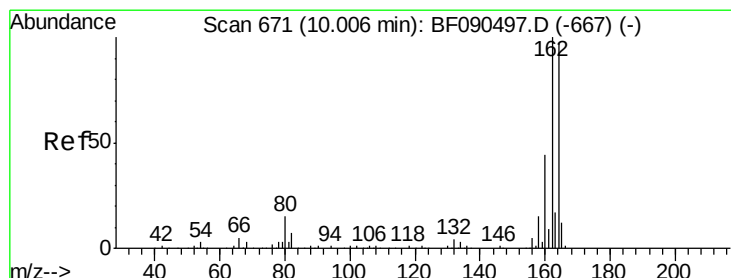
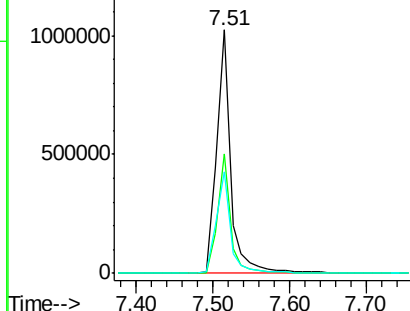
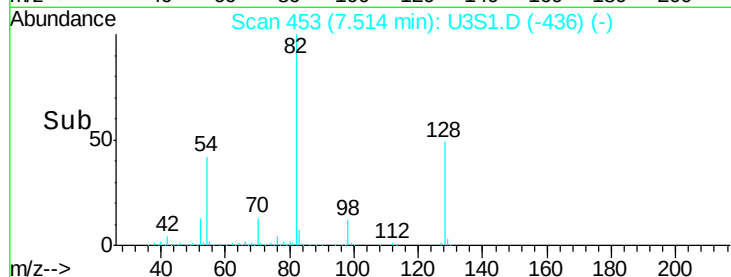
54 41.9 42.6 64.0#



Abundance Ion 82.00 (81.70 to 82.70): U3S

Ion 128.00 (127.70 to 128.70): U

Ion 54.00 (53.70 to 54.70): U3S



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: U3S1.D

Acq: 12 Oct 2016 20:10

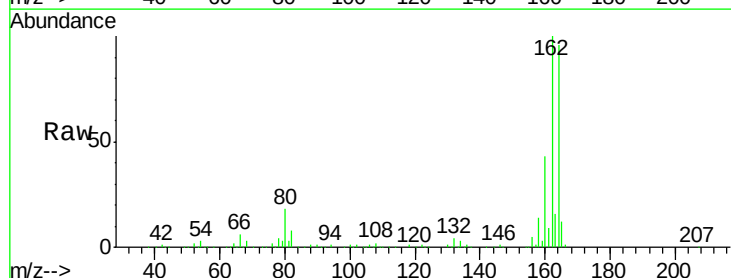
Tgt Ion: 164 Resp: 444338

Ion Ratio Lower Upper

164 100

162 104.0 80.1 120.1

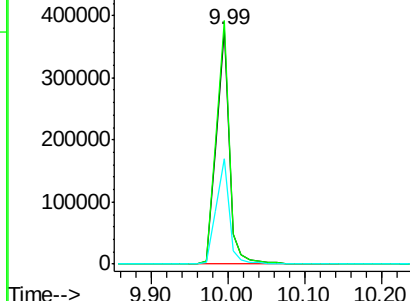
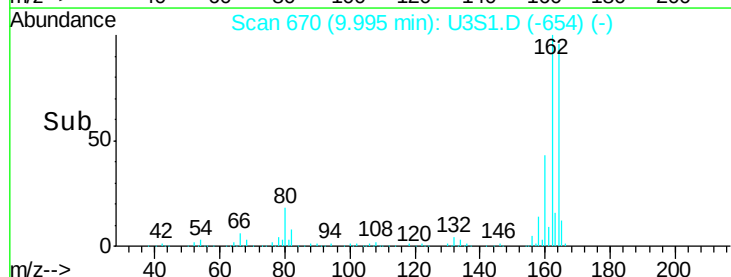
160 45.1 36.3 54.5

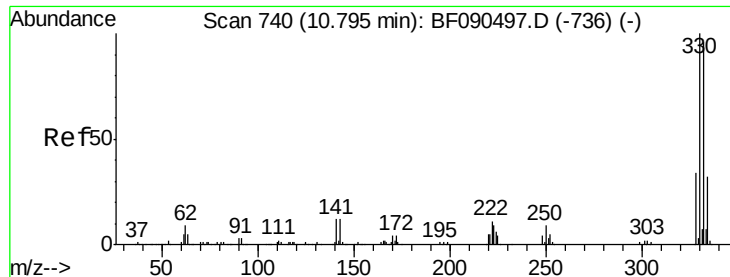


Abundance Ion 164.00 (163.70 to 164.70): U

Ion 162.00 (161.70 to 162.70): U

Ion 160.00 (159.70 to 160.70): U

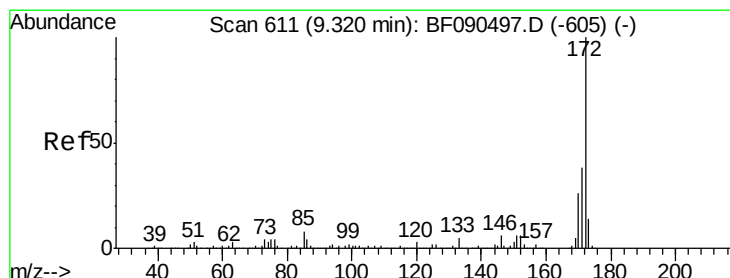
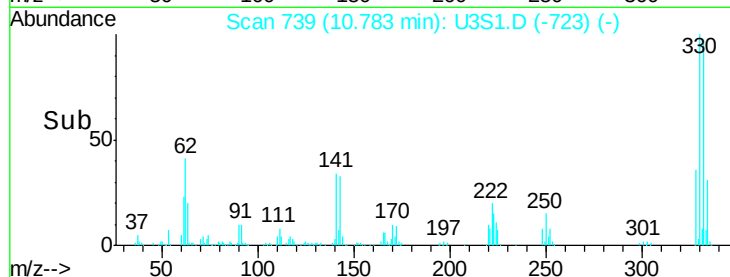
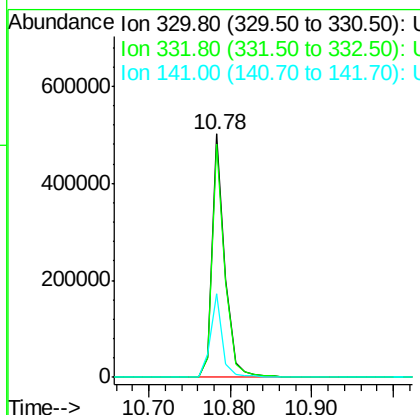
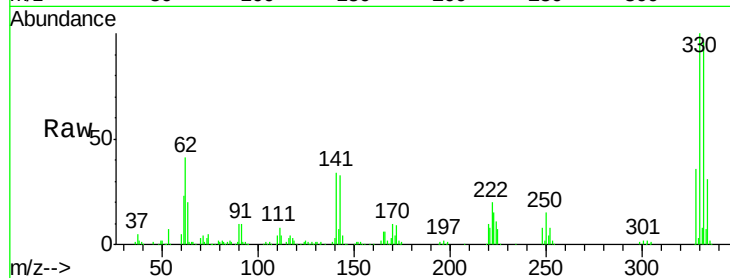




#41
 2,4,6-Tribromophenol
 Concen: 125.50 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: U3S1.D
 Acq: 12 Oct 2016 20:10

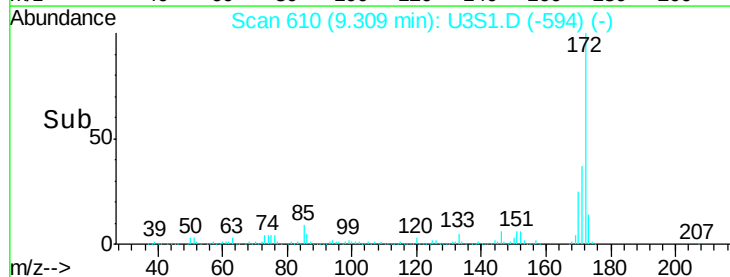
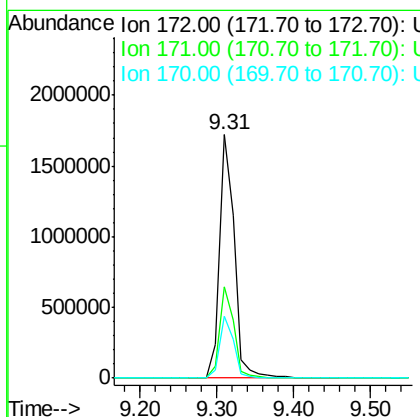
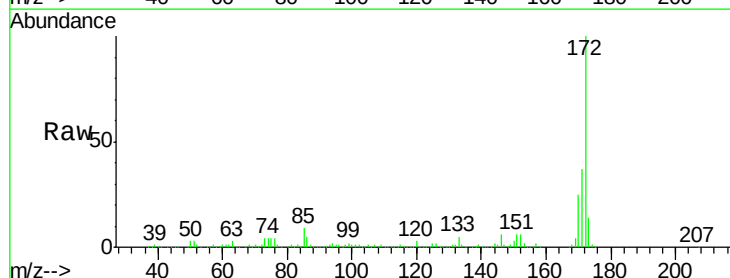
Instrument :
 BNA_F
 ClientSampleId :

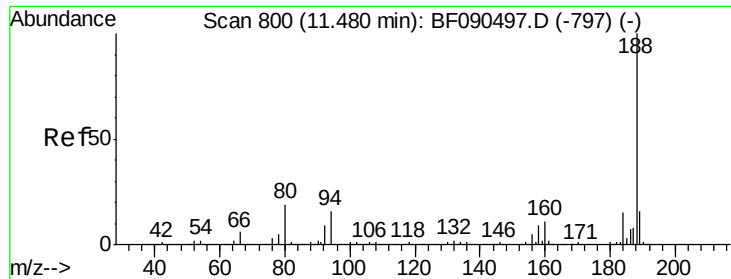
Tgt Ion:330 Resp: 552798
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 33.0 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 87.92 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: U3S1.D
 Acq: 12 Oct 2016 20:10

Tgt Ion:172 Resp: 2324770
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.8 47.8
 170 25.3 21.7 32.5

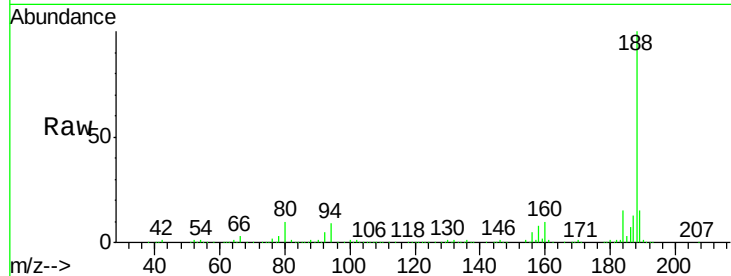




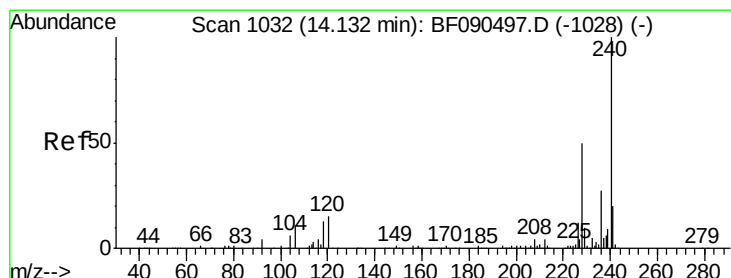
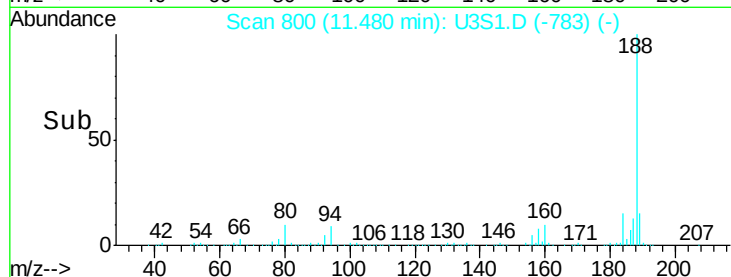
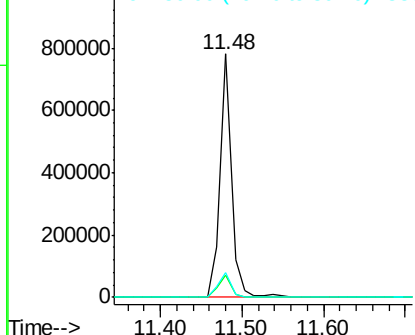
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: U3S1.D
 Acq: 12 Oct 2016 20:10

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:188 Resp: 762924
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.2 12.2
 80 10.1 8.8 13.2

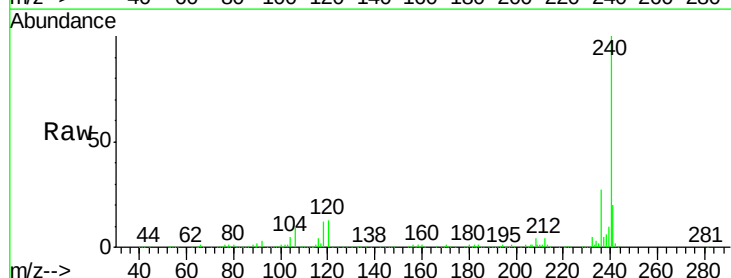


Abundance Ion 188.00 (187.70 to 188.70): U
 Ion 94.00 (93.70 to 94.70): U3S
 Ion 80.00 (79.70 to 80.70): U3S

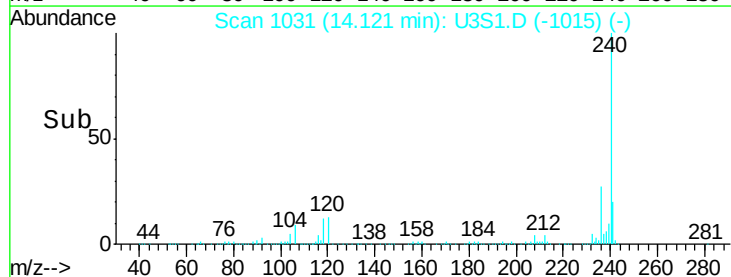
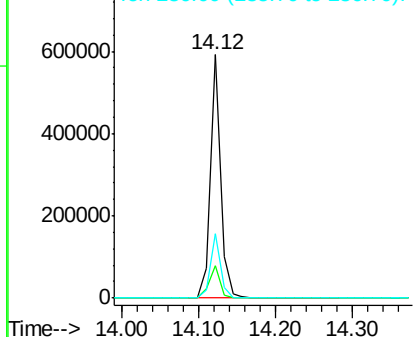


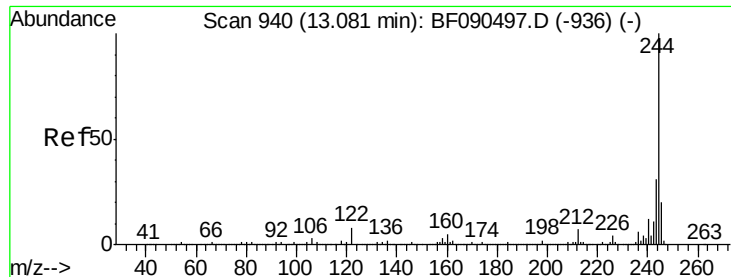
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: U3S1.D
 Acq: 12 Oct 2016 20:10

Tgt Ion:240 Resp: 539837
 Ion Ratio Lower Upper
 240 100
 120 13.3 8.6 13.0#
 236 26.7 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: 99.98 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: U3S1.D

Acq: 12 Oct 2016 20:10

Instrument :

BNA_F

ClientSampleId :

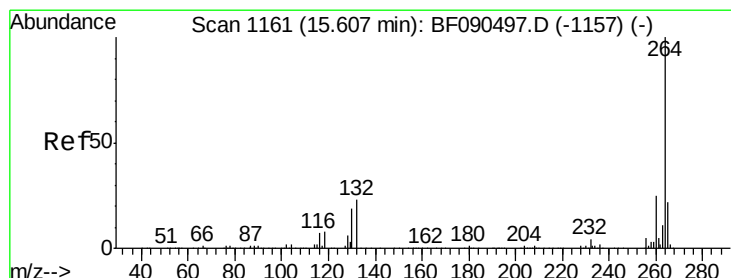
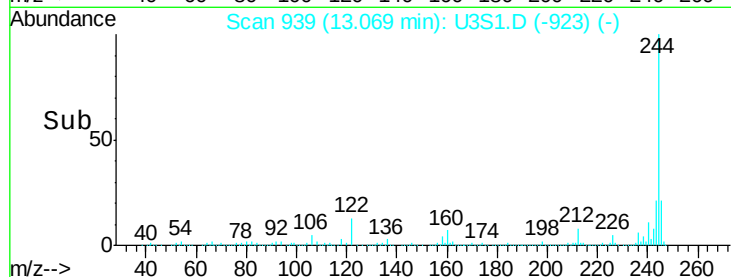
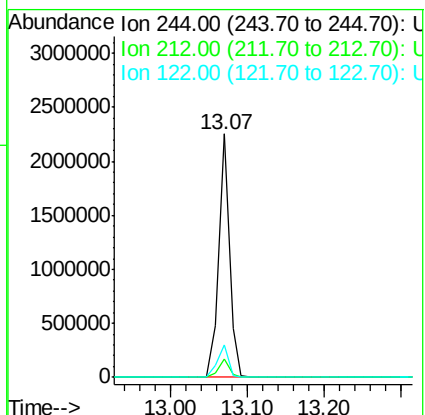
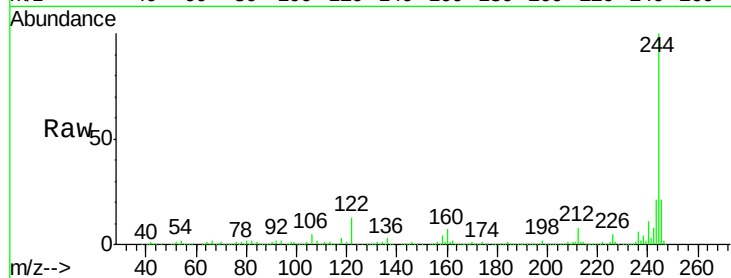
Tgt Ion:244 Resp: 2208608

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

122 13.4 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: U3S1.D

Acq: 12 Oct 2016 20:10

Tgt Ion:264 Resp: 365591

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 21.6 17.4 26.0

