

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
 Data File : U3S4.D
 Acq On : 12 Oct 2016 21:32
 Operator : UM/SJ
 Sample : U3S4
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:54:33 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	184490	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	811407	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	409264	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	726548	20.00	ng	0.00
75) Chrysene-d12	14.12	240	518388	20.00	ng	-0.01
86) Perylene-d12	15.60	264	364594	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1365776	115.17	ng	0.01
7) Phenol-d6	6.59	99	1919946	128.30	ng	0.00
23) Nitrobenzene-d5	7.51	82	1151659	76.98	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	480765	118.50	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2001123	82.17	ng	-0.01
78) Terphenyl-d14	13.07	244	2077023	97.92	ng	-0.01

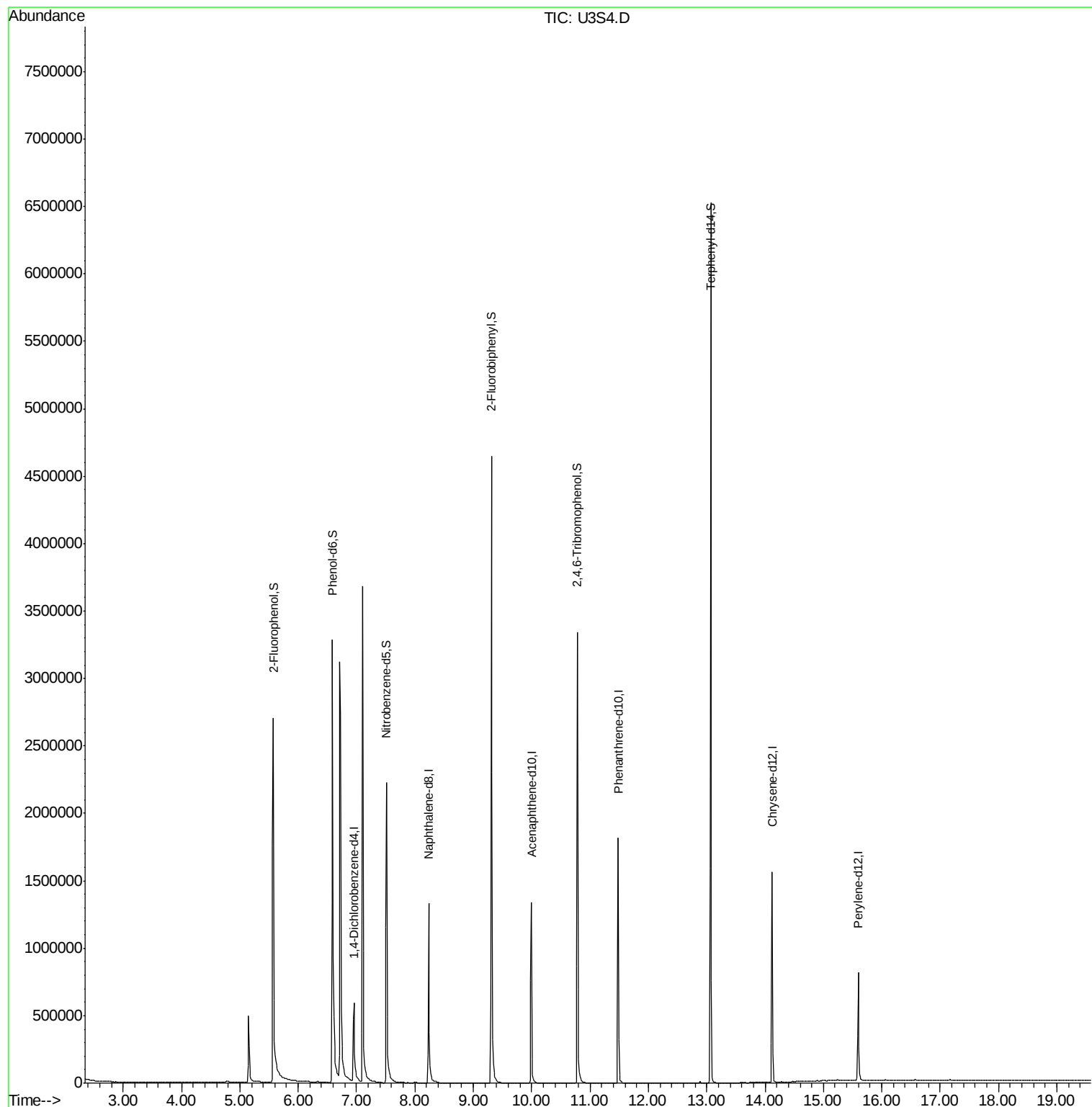
Target Compounds	Qvalue
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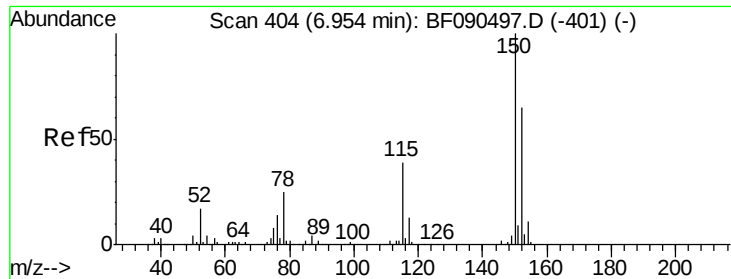
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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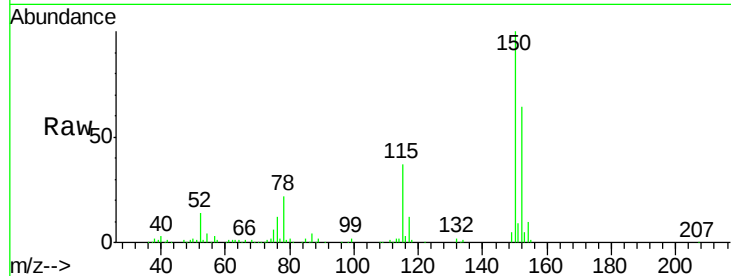


#1

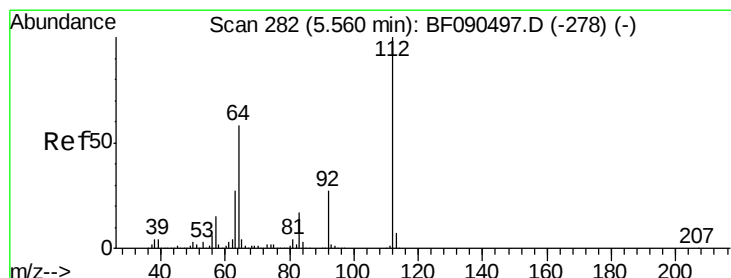
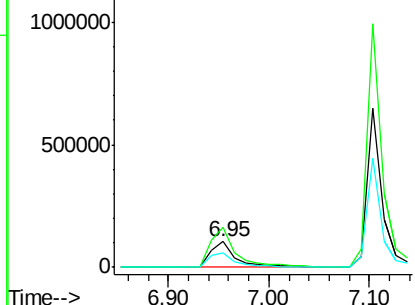
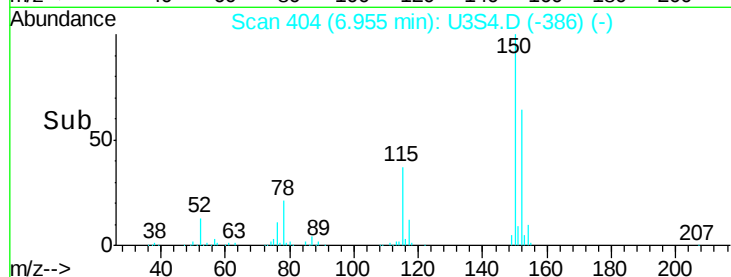
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: U3S4.D
Acq: 12 Oct 2016 21:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 184490
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 58.0 46.2 69.4



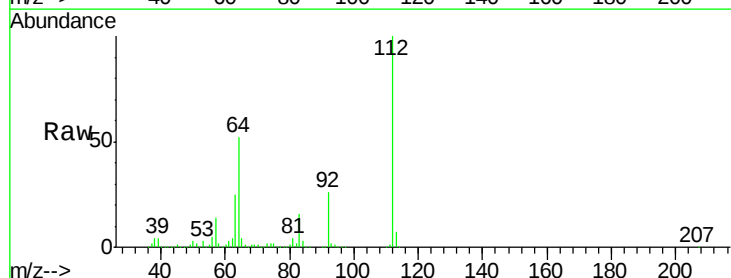
Abundance Ion 152.00 (151.70 to 152.70): U
Ion 150.00 (149.70 to 150.70): U
Ion 115.00 (114.70 to 115.70): U



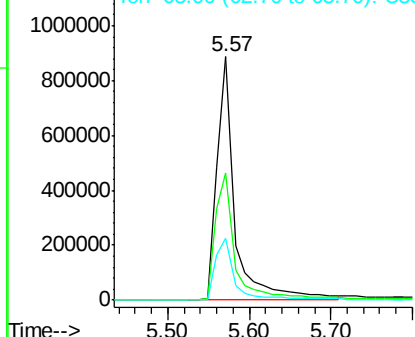
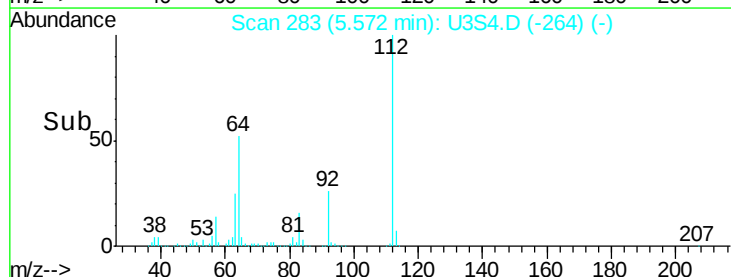
#5

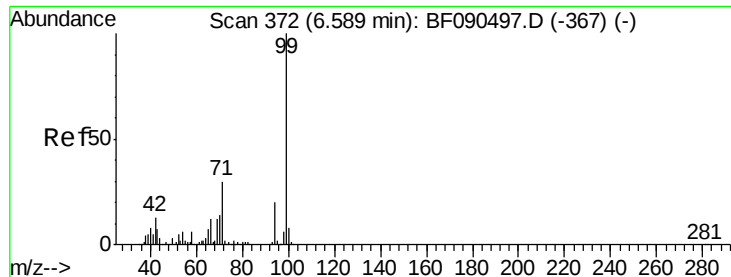
2-Fluorophenol
Concen: 115.17 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: U3S4.D
Acq: 12 Oct 2016 21:32

Tgt Ion:112 Resp: 1365776
Ion Ratio Lower Upper
112 100
64 52.4 57.9 86.9#
63 25.3 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: 128.30 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: U3S4.D

Acq: 12 Oct 2016 21:32

Instrument :

BNA_F

ClientSampleId :

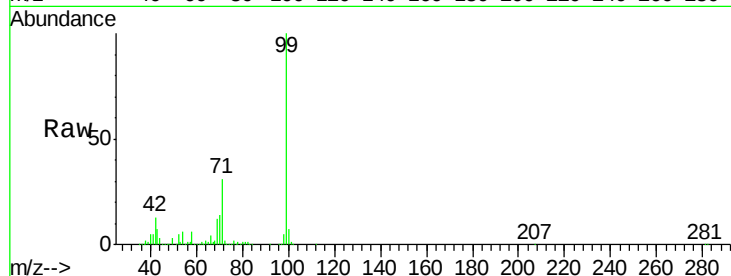
Tgt Ion: 99 Resp: 1919946

Ion Ratio Lower Upper

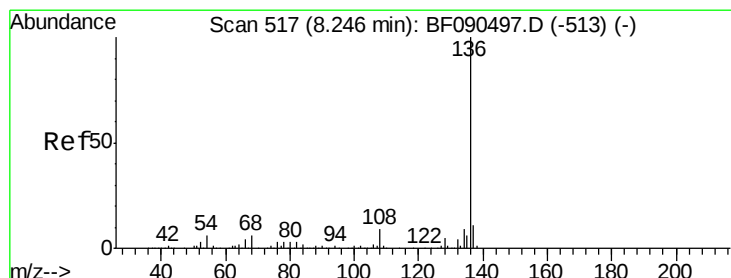
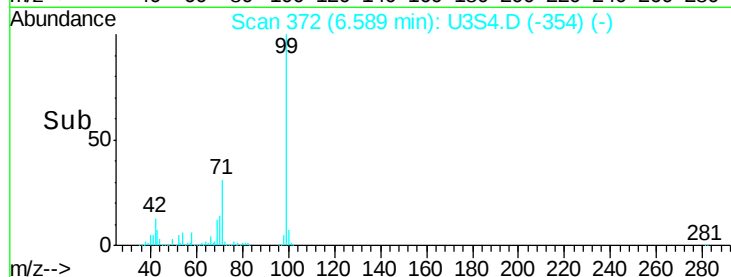
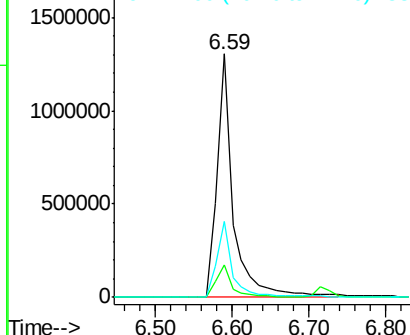
99 100

42 13.2 20.0 30.0#

71 31.2 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: U3S4.D

Acq: 12 Oct 2016 21:32

Tgt Ion: 136 Resp: 811407

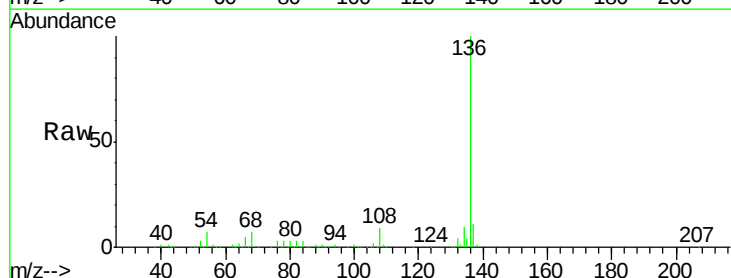
Ion Ratio Lower Upper

136 100

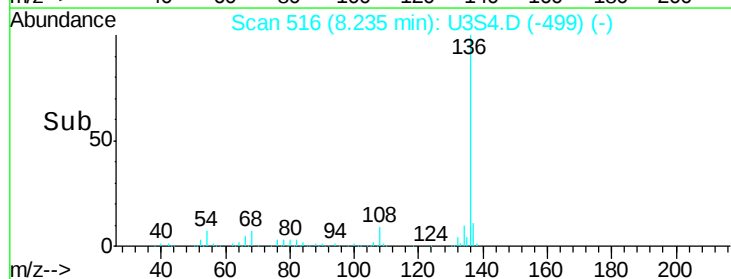
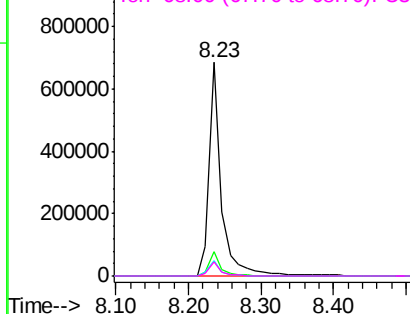
137 11.2 9.0 13.6

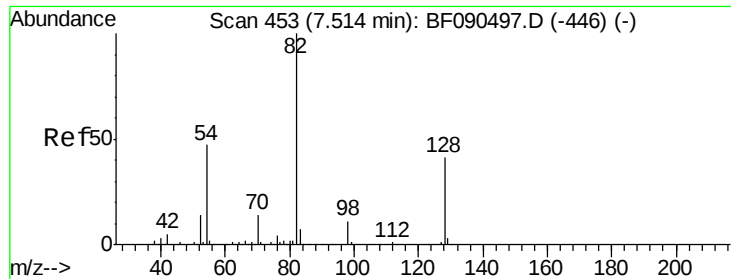
54 7.1 6.6 10.0

68 6.6 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

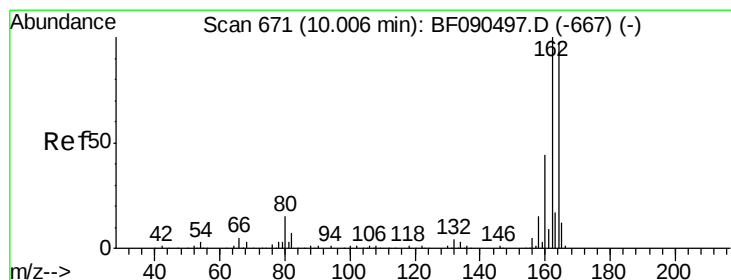
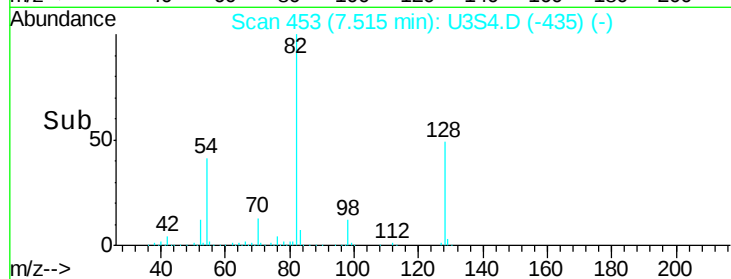
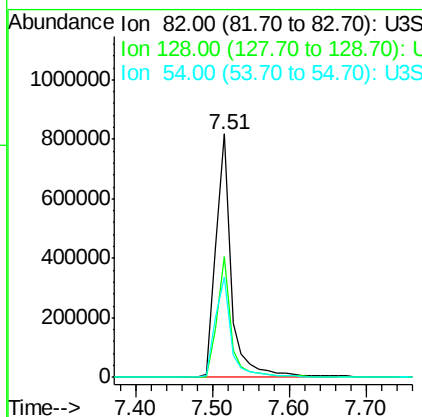
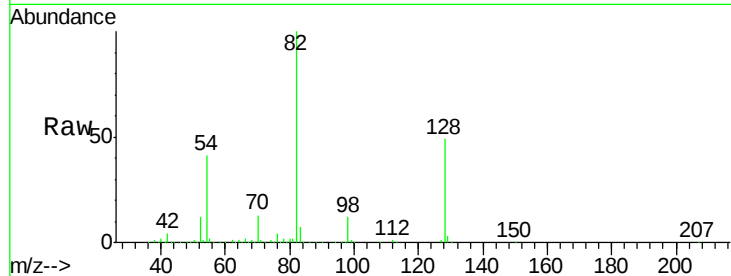




#23
 Nitrobenzene-d5
 Concen: 76.98 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: U3S4.D
 Acq: 12 Oct 2016 21:32

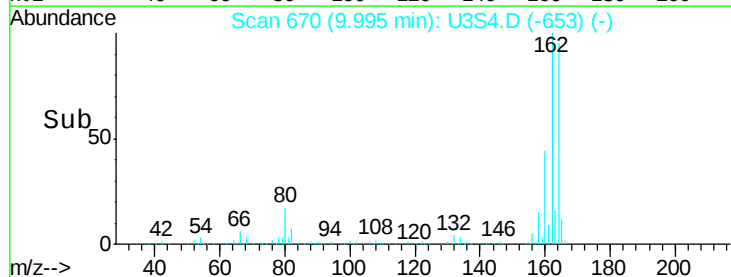
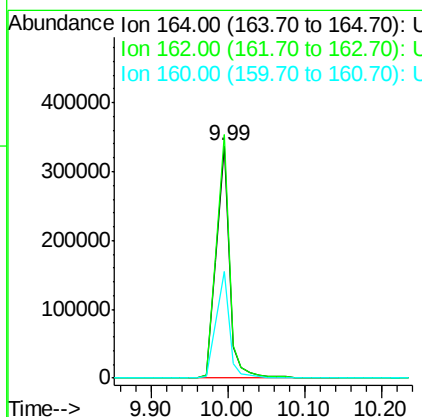
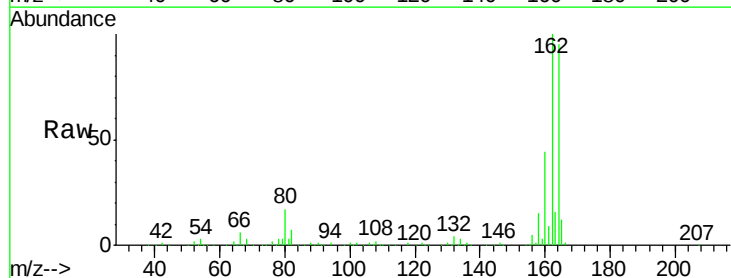
Instrument :
 BNA_F
 ClientSampled :

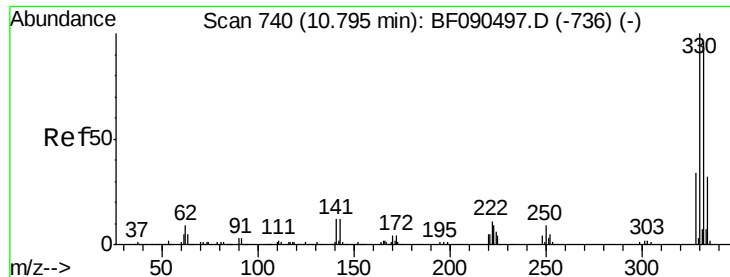
Tgt Ion: 82 Resp: 1151659
 Ion Ratio Lower Upper
 82 100
 128 49.4 40.0 60.0
 54 41.1 42.6 64.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: U3S4.D
 Acq: 12 Oct 2016 21:32

Tgt Ion: 164 Resp: 409264
 Ion Ratio Lower Upper
 164 100
 162 104.7 80.1 120.1
 160 45.9 36.3 54.5

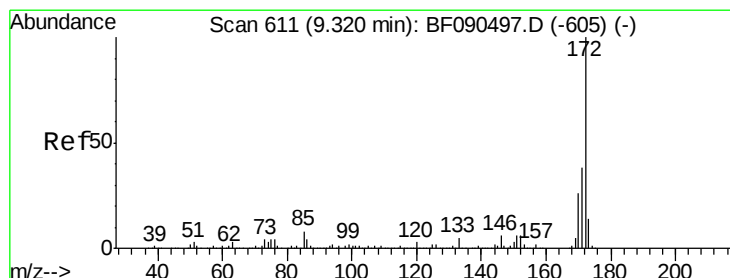
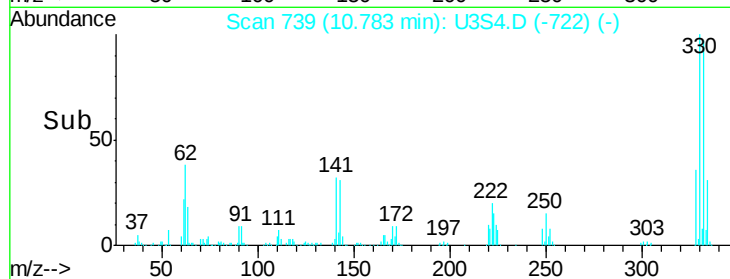
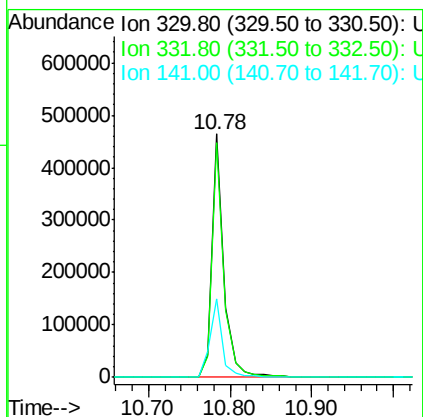
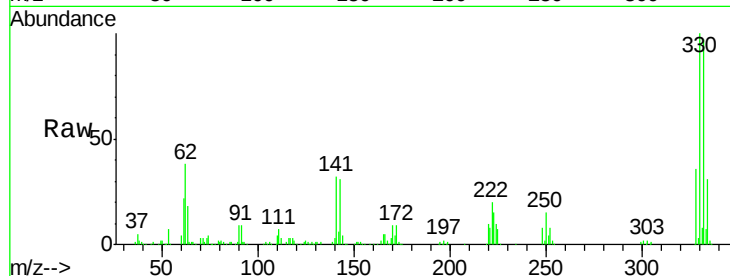




#41
 2,4,6-Tribromophenol
 Concen: 118.50 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: U3S4.D
 Acq: 12 Oct 2016 21:32

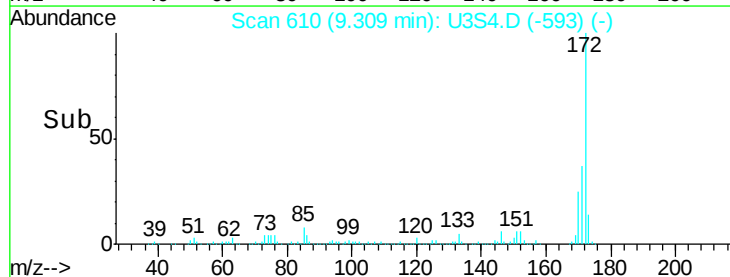
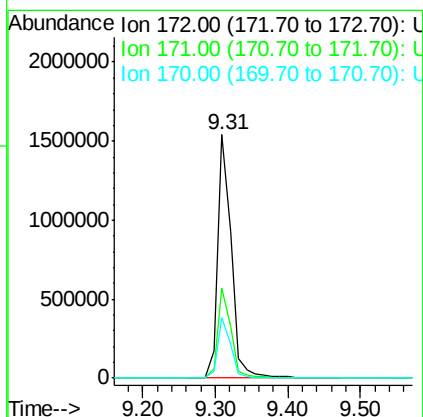
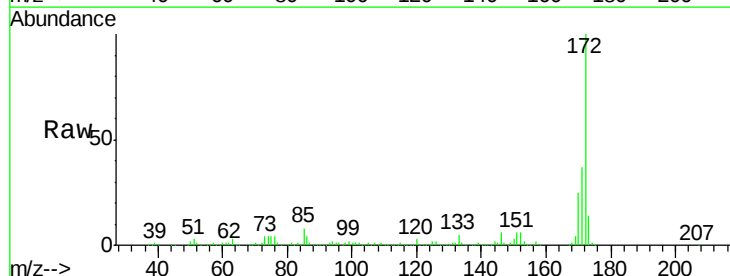
Instrument :
 BNA_F
 ClientSampleId :

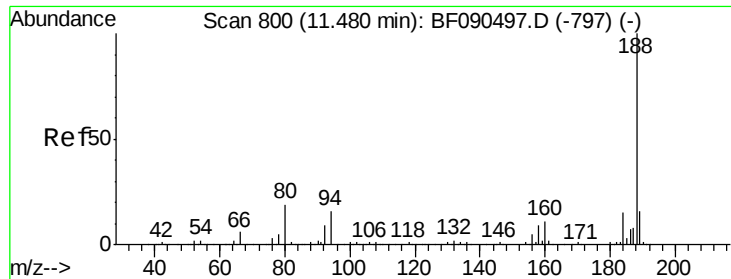
Tgt Ion:330 Resp: 480765
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 34.8 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 82.17 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: U3S4.D
 Acq: 12 Oct 2016 21:32

Tgt Ion:172 Resp: 2001123
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.8 47.8
 170 24.7 21.7 32.5

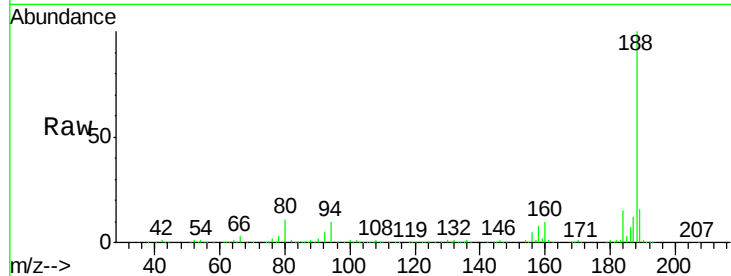




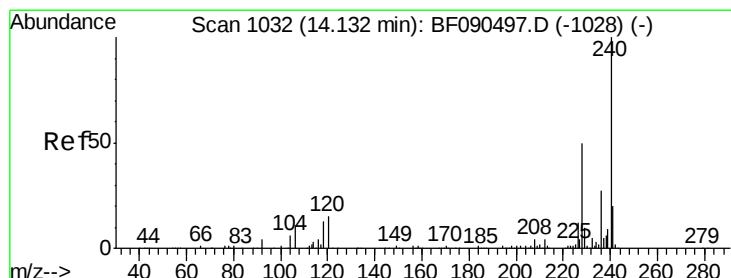
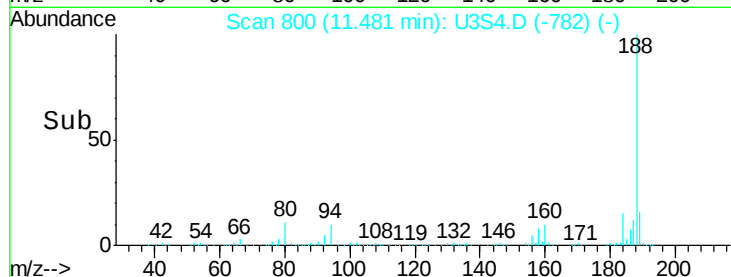
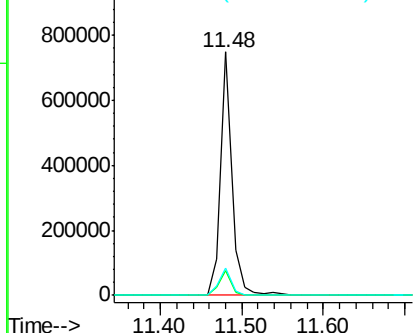
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: U3S4.D
Acq: 12 Oct 2016 21:32

Instrument :
BNA_F
ClientSampled :

Tgt Ion:188 Resp: 726548
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 11.0 8.8 13.2

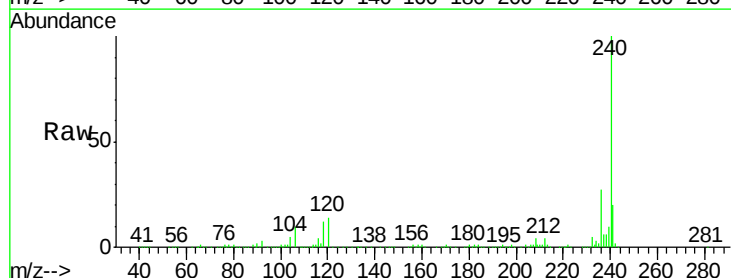


Abundance Ion 188.00 (187.70 to 188.70): U
Ion 94.00 (93.70 to 94.70): U3S
Ion 80.00 (79.70 to 80.70): U3S

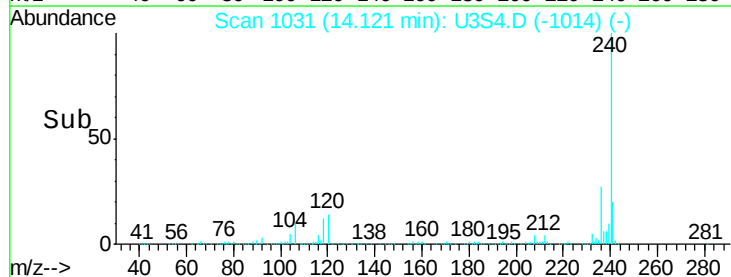
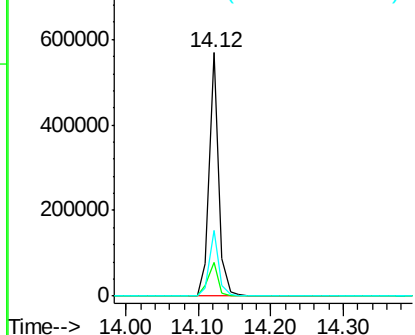


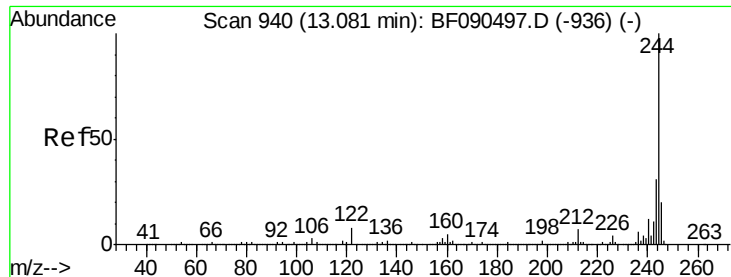
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: U3S4.D
Acq: 12 Oct 2016 21:32

Tgt Ion:240 Resp: 518388
Ion Ratio Lower Upper
240 100
120 13.6 8.6 13.0#
236 26.8 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: 97.92 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: U3S4.D

Acq: 12 Oct 2016 21:32

Instrument :
BNA_F
ClientSampleId :

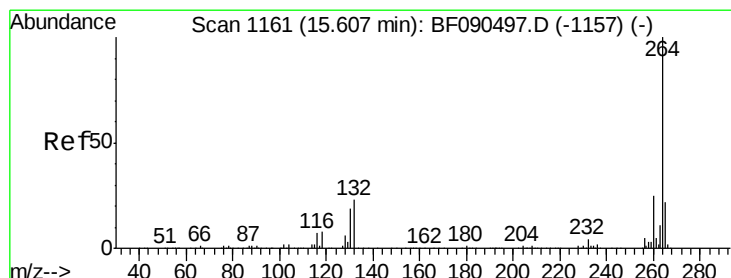
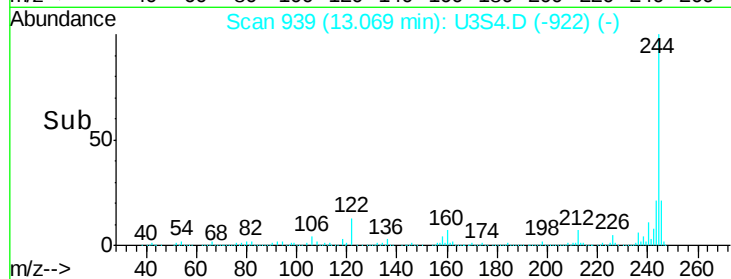
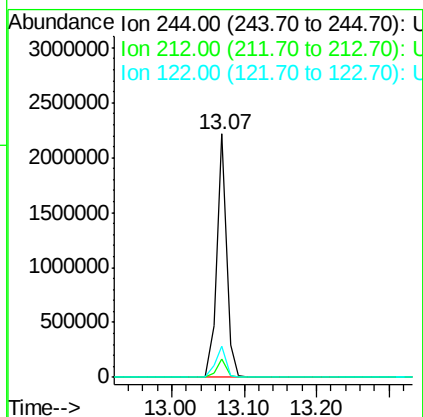
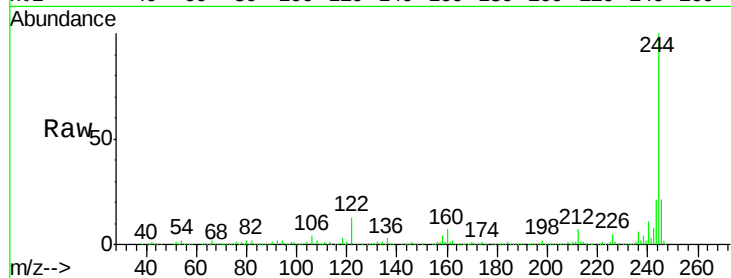
Tgt Ion:244 Resp: 2077023

Ion Ratio Lower Upper

244 100

212 7.4 6.8 10.2

122 12.7 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: U3S4.D

Acq: 12 Oct 2016 21:32

Tgt Ion:264 Resp: 364594

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 22.0 17.4 26.0

