

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
 Data File : U3S3.D
 Acq On : 12 Oct 2016 21:05
 Operator : UM/SJ
 Sample : U3S3
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:54:23 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	204982	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	880703	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	461601	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	814489	20.00	ng	0.00
75) Chrysene-d12	14.12	240	637430	20.00	ng	-0.01
86) Perylene-d12	15.60	264	428922	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1418341	107.65	ng	0.01
7) Phenol-d6	6.59	99	1944146	116.93	ng	0.00
23) Nitrobenzene-d5	7.51	82	1103438	67.96	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	502786	109.88	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2133017	77.65	ng	-0.01
78) Terphenyl-d14	13.07	244	2186603	83.83	ng	-0.01

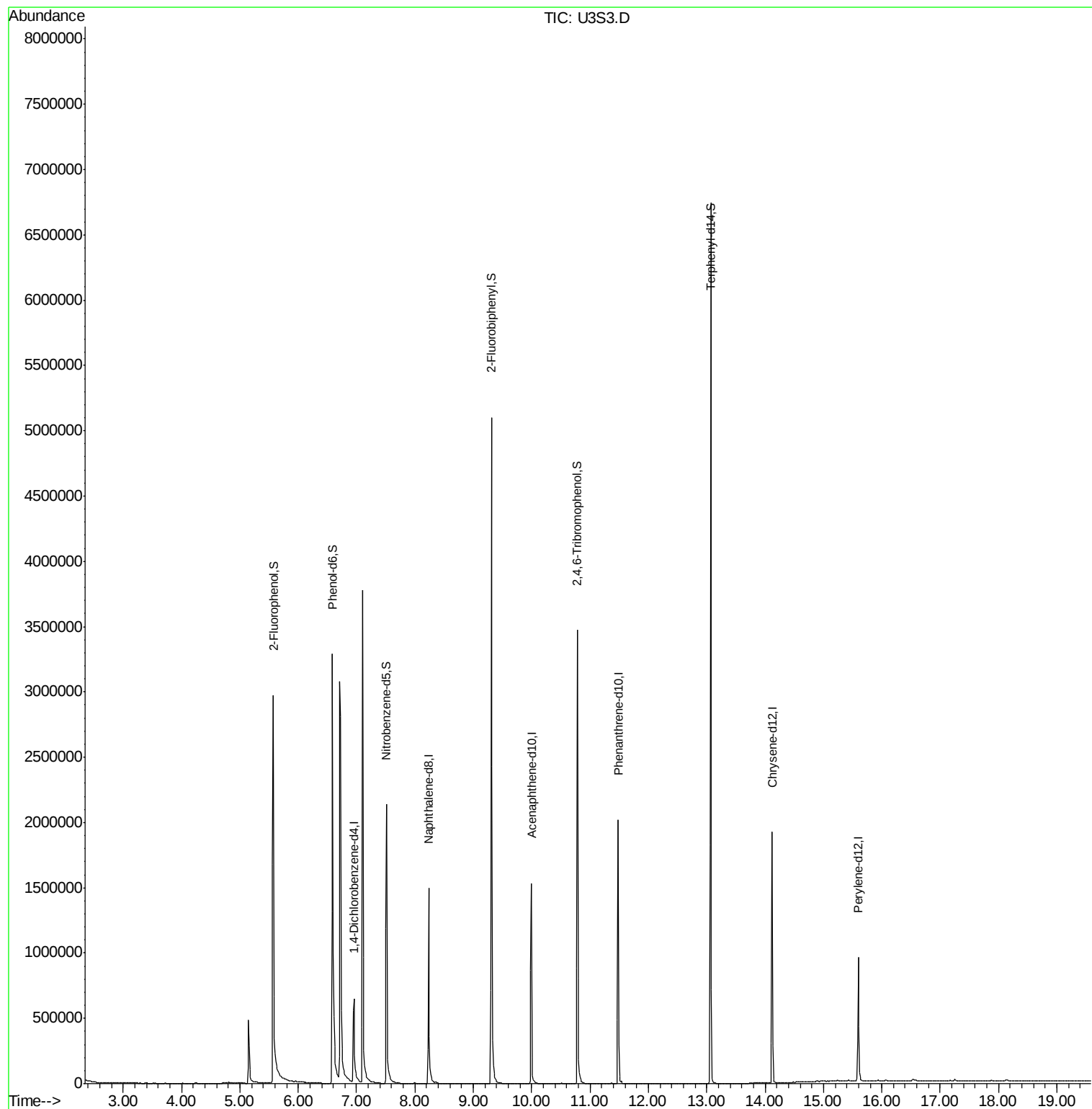
Target Compounds	Qvalue
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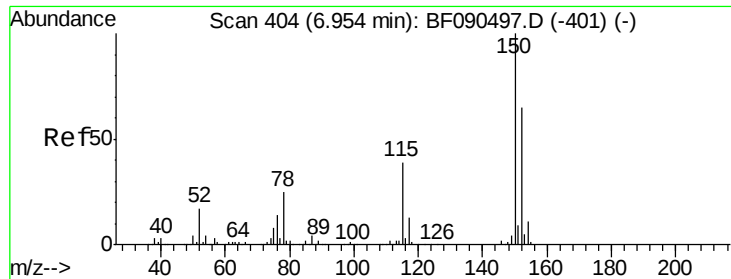
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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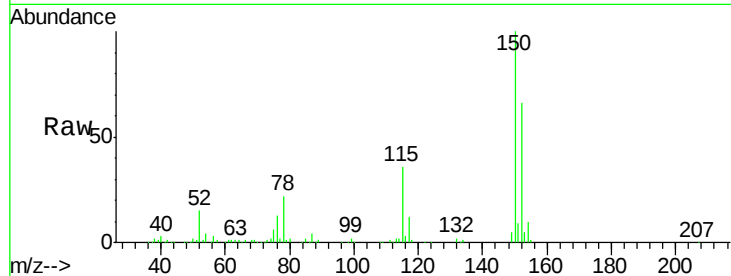


#1

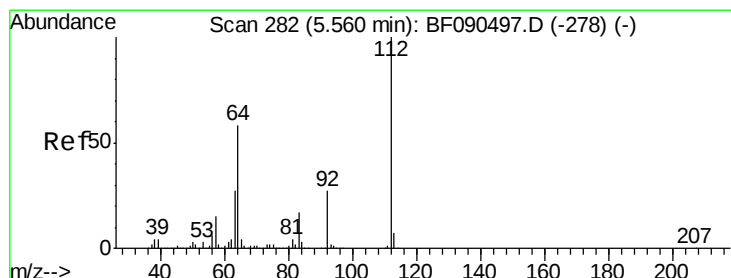
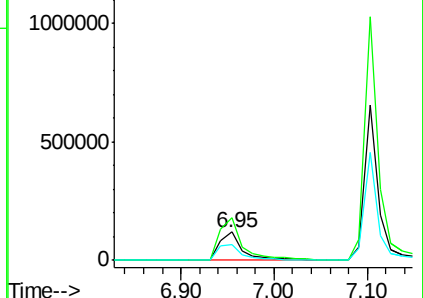
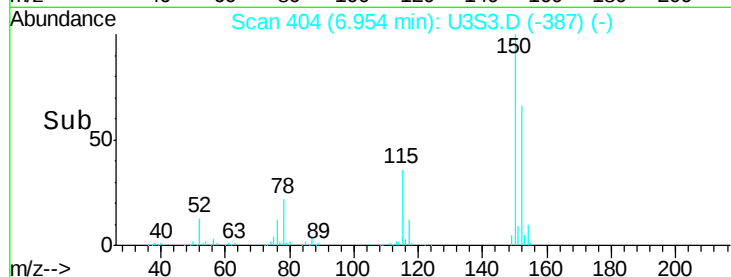
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. -0.00 min
Lab File: U3S3.D
Acq: 12 Oct 2016 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 204982
Ion Ratio Lower Upper
152 100
150 152.3 124.6 186.8
115 55.2 46.2 69.4



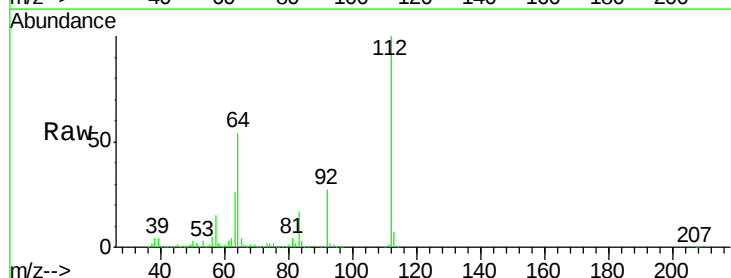
Abundance Ion 152.00 (151.70 to 152.70): U
Ion 150.00 (149.70 to 150.70): U
Ion 115.00 (114.70 to 115.70): U



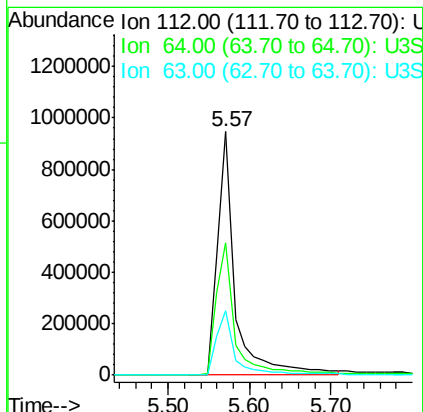
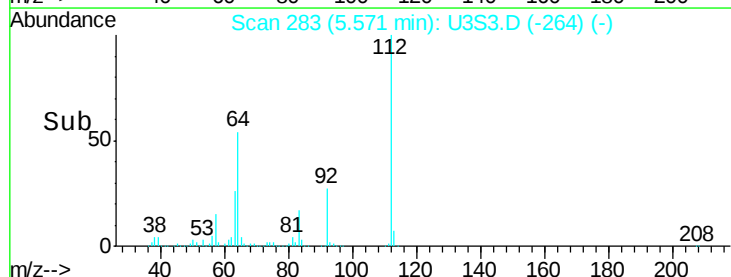
#5

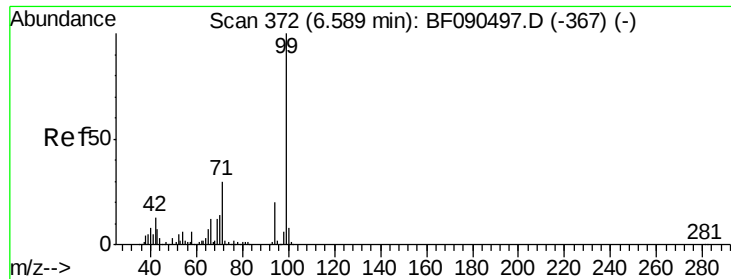
2-Fluorophenol
Concen: 107.65 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: U3S3.D
Acq: 12 Oct 2016 21:05

Tgt Ion:112 Resp: 1418341
Ion Ratio Lower Upper
112 100
64 54.3 57.9 86.9#
63 26.4 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: 116.93 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.00 min

Lab File: U3S3.D

Acq: 12 Oct 2016 21:05

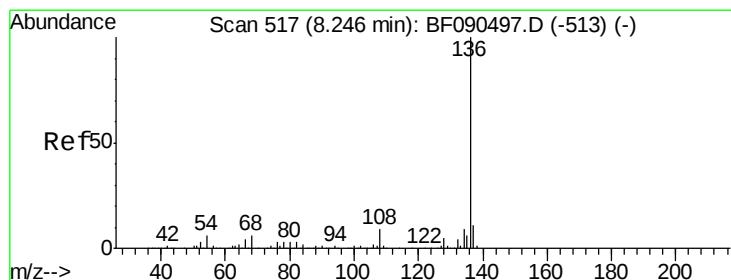
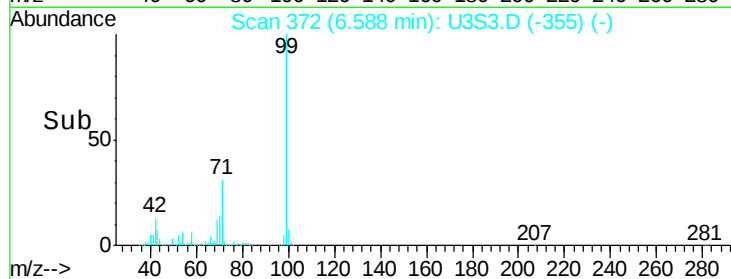
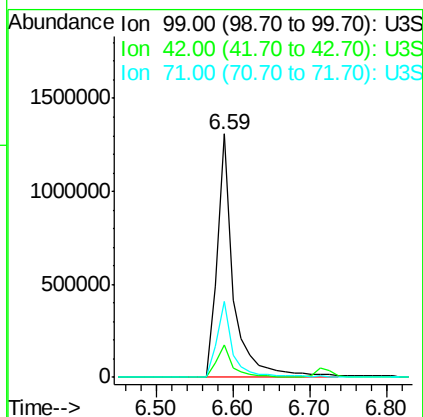
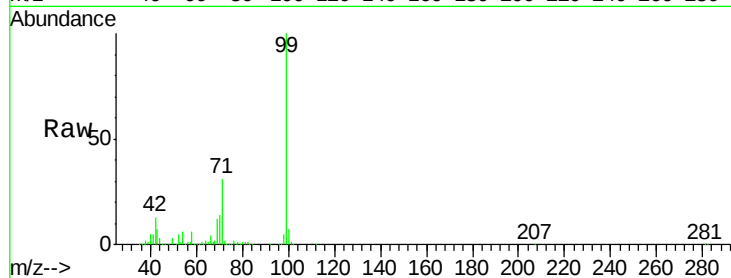
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 1944146

Ion	Ratio	Lower	Upper
99	100		
42	13.3	20.0	30.0#
71	31.3	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

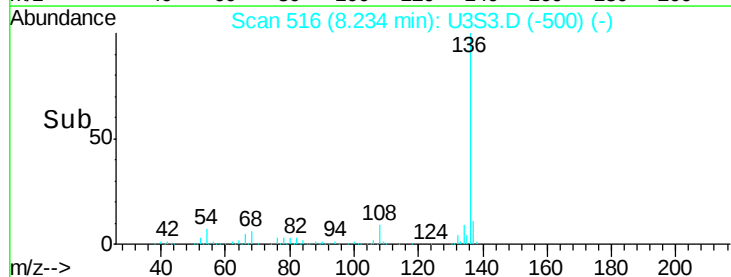
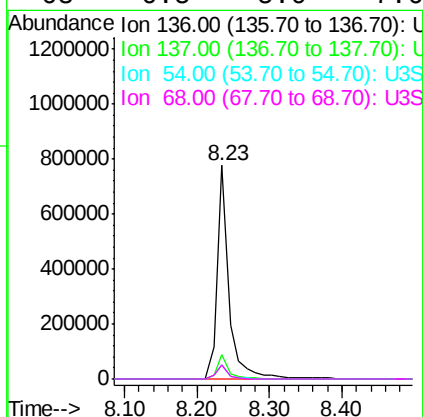
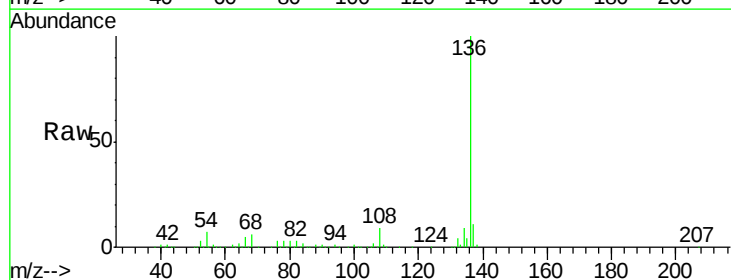
Delta R.T. -0.01 min

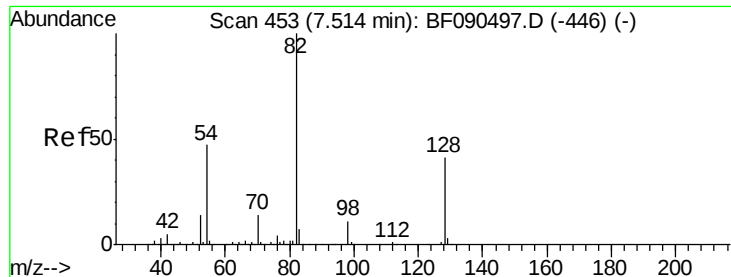
Lab File: U3S3.D

Acq: 12 Oct 2016 21:05

Tgt Ion: 136 Resp: 880703

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.7	6.6	10.0
68	6.5	5.0	7.6

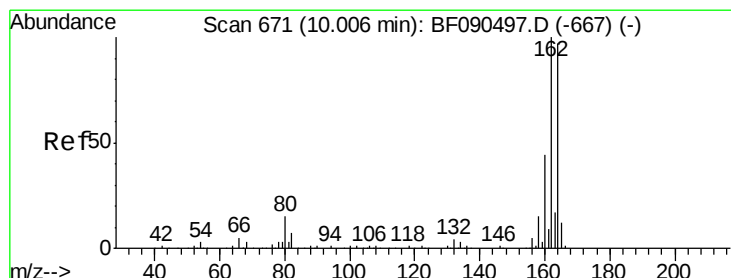
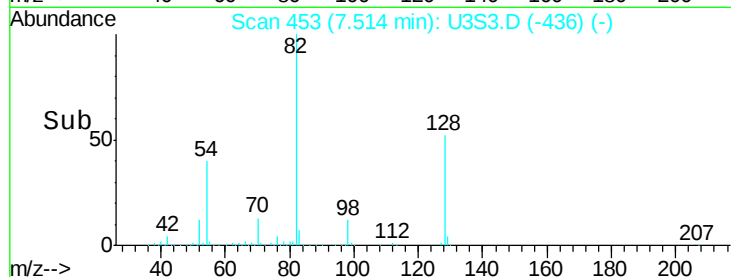
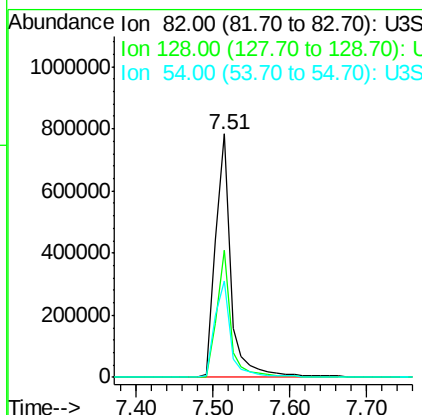
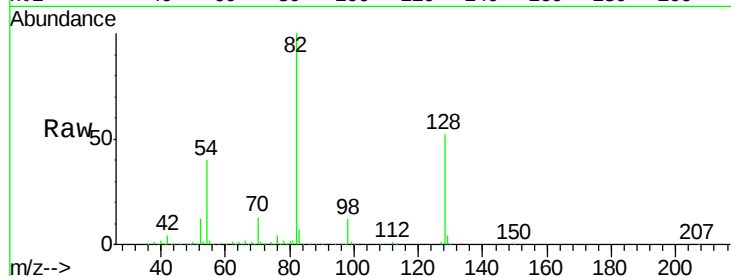




#23
 Nitrobenzene-d5
 Concen: 67.96 ng
 RT: 7.51 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: U3S3.D
 Acq: 12 Oct 2016 21:05

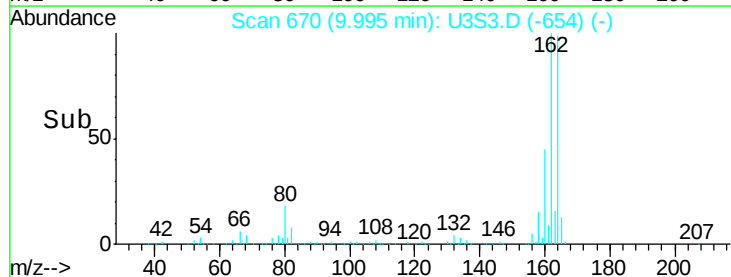
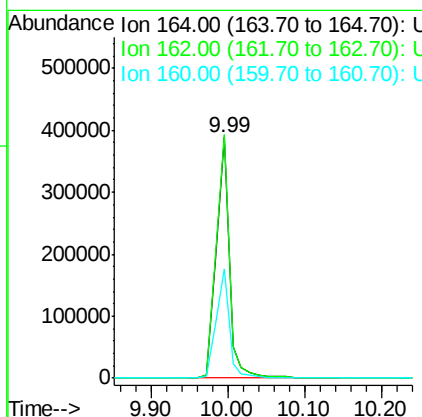
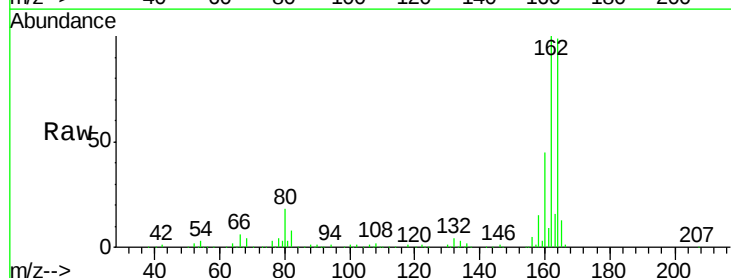
Instrument :
 BNA_F
 ClientSampleId :

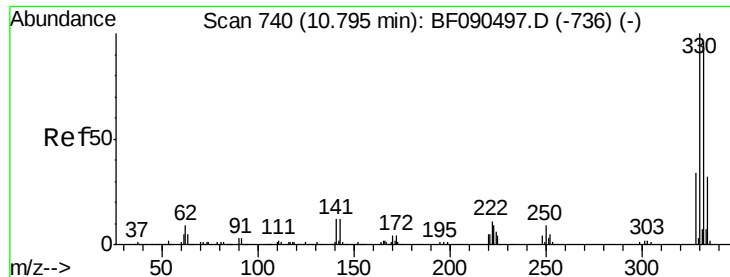
Tgt Ion: 82 Resp: 1103438
 Ion Ratio Lower Upper
 82 100
 128 52.0 40.0 60.0
 54 39.5 42.6 64.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: U3S3.D
 Acq: 12 Oct 2016 21:05

Tgt Ion: 164 Resp: 461601
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.1 120.1
 160 45.2 36.3 54.5

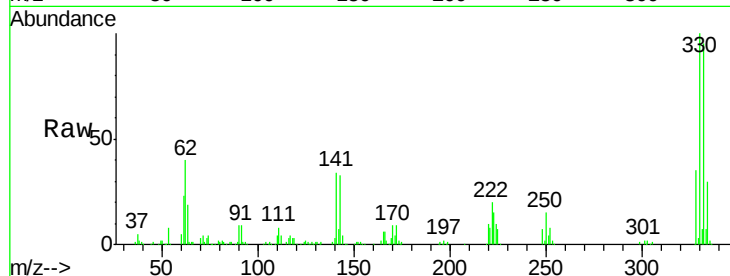




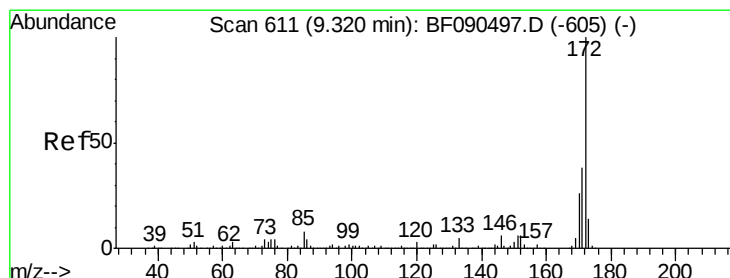
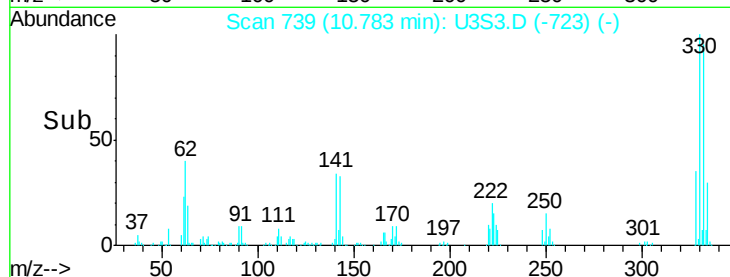
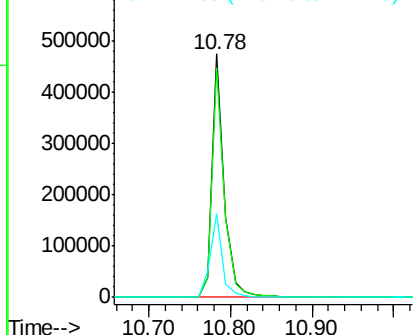
#41
 2,4,6-Tribromophenol
 Concen: 109.88 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: U3S3.D
 Acq: 12 Oct 2016 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 502786
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.4 113.0
 141 35.4 26.9 40.3

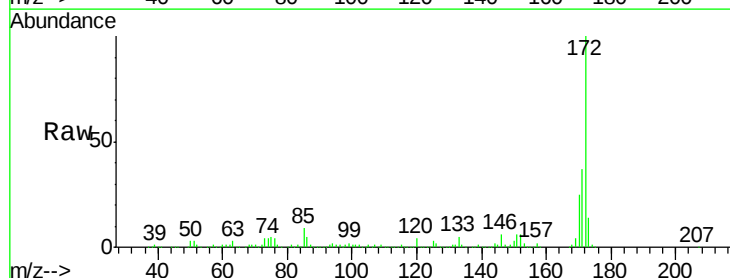


Abundance Ion 329.80 (329.50 to 330.50): U
 Ion 331.80 (331.50 to 332.50): U
 Ion 141.00 (140.70 to 141.70): U

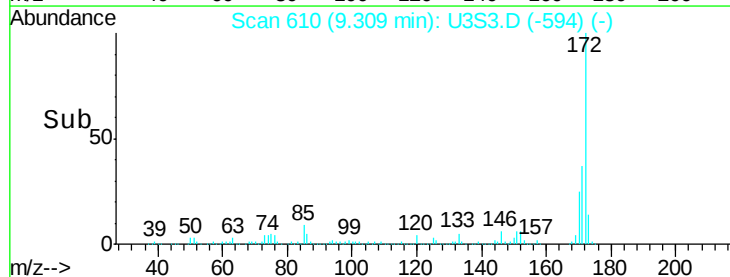
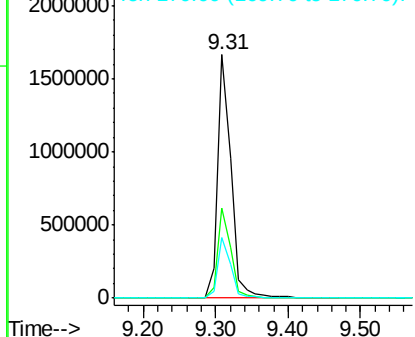


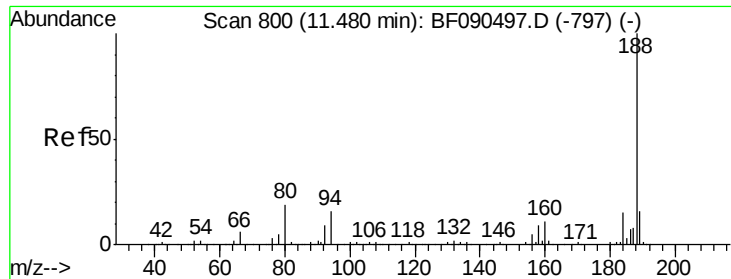
#44
 2-Fluorobiphenyl
 Concen: 77.65 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: U3S3.D
 Acq: 12 Oct 2016 21:05

Tgt Ion:172 Resp: 2133017
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.8 47.8
 170 25.0 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

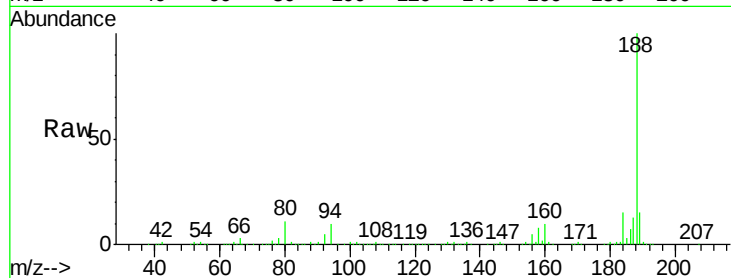




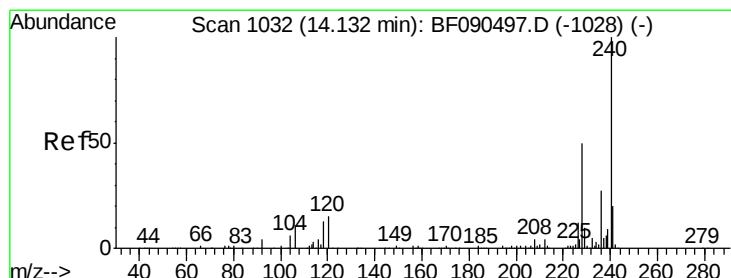
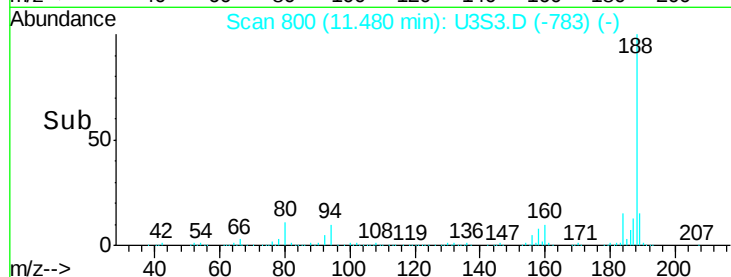
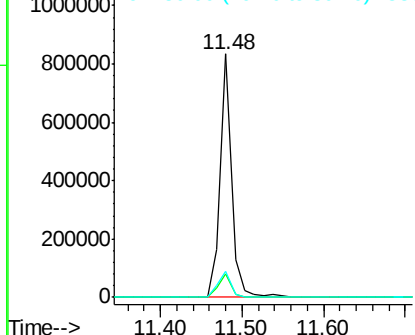
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. -0.00 min
Lab File: U3S3.D
Acq: 12 Oct 2016 21:05

Instrument :
BNA_F
ClientSampled :

Tgt Ion:188 Resp: 814489
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.6 8.8 13.2

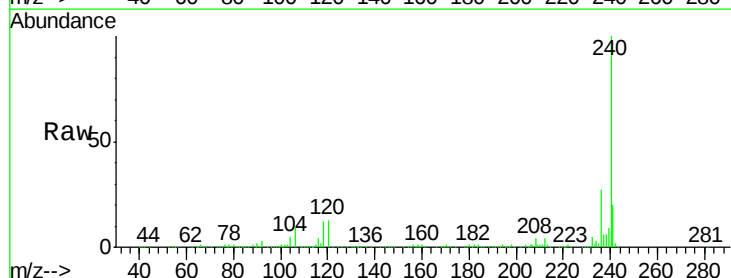


Abundance Ion 188.00 (187.70 to 188.70): U
Ion 94.00 (93.70 to 94.70): U3S
Ion 80.00 (79.70 to 80.70): U3S

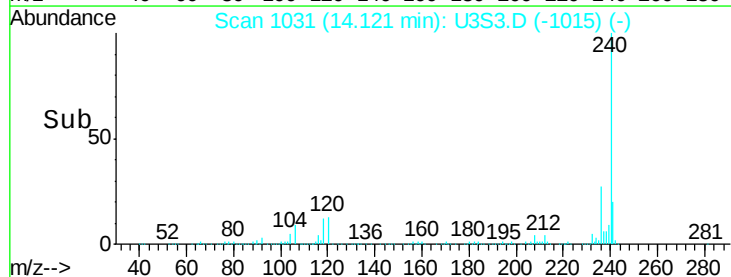
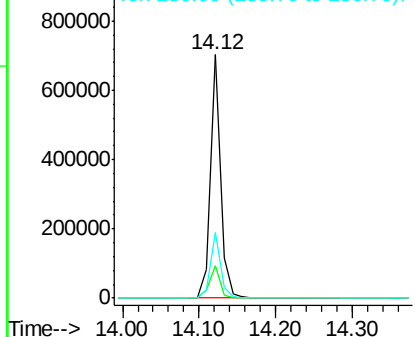


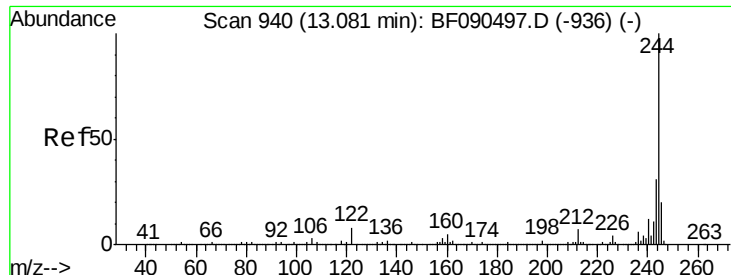
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: U3S3.D
Acq: 12 Oct 2016 21:05

Tgt Ion:240 Resp: 637430
Ion Ratio Lower Upper
240 100
120 13.2 8.6 13.0#
236 27.2 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

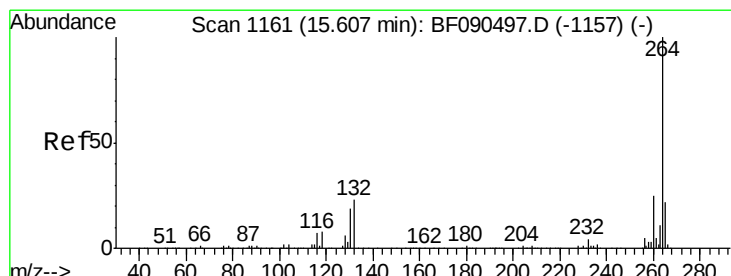
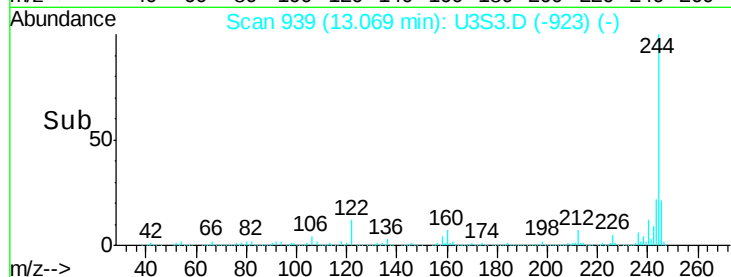
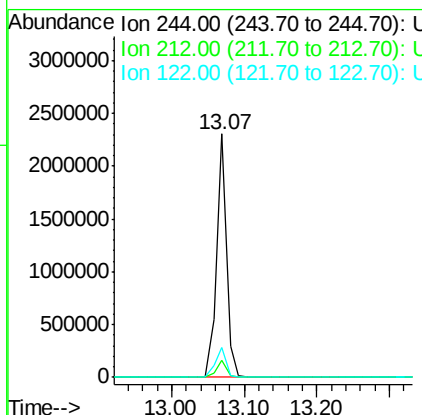
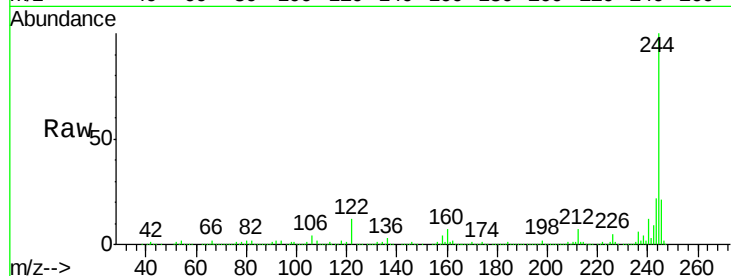




#78
 Terphenyl-d14
 Concen: 83.83 ng
 RT: 13.07 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: U3S3.D
 Acq: 12 Oct 2016 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 2186603
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.8 10.2
 122 12.3 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: U3S3.D
 Acq: 12 Oct 2016 21:05

Tgt Ion:264 Resp: 428922
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 21.6 17.4 26.0

