

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
 Data File : U3S5.D
 Acq On : 12 Oct 2016 22:00
 Operator : UM/SJ
 Sample : U3S5
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:54:44 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	195296	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	837477	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	447957	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	768562	20.00	ng	0.00
75) Chrysene-d12	14.12	240	606243	20.00	ng	-0.01
86) Perylene-d12	15.60	264	434874	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1584440	126.22	ng	0.01
7) Phenol-d6	6.59	99	2187542	138.09	ng	0.00
23) Nitrobenzene-d5	7.51	82	1220665	79.05	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	562132	126.59	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2325322	87.23	ng	-0.01
78) Terphenyl-d14	13.07	244	2337520	94.23	ng	-0.01

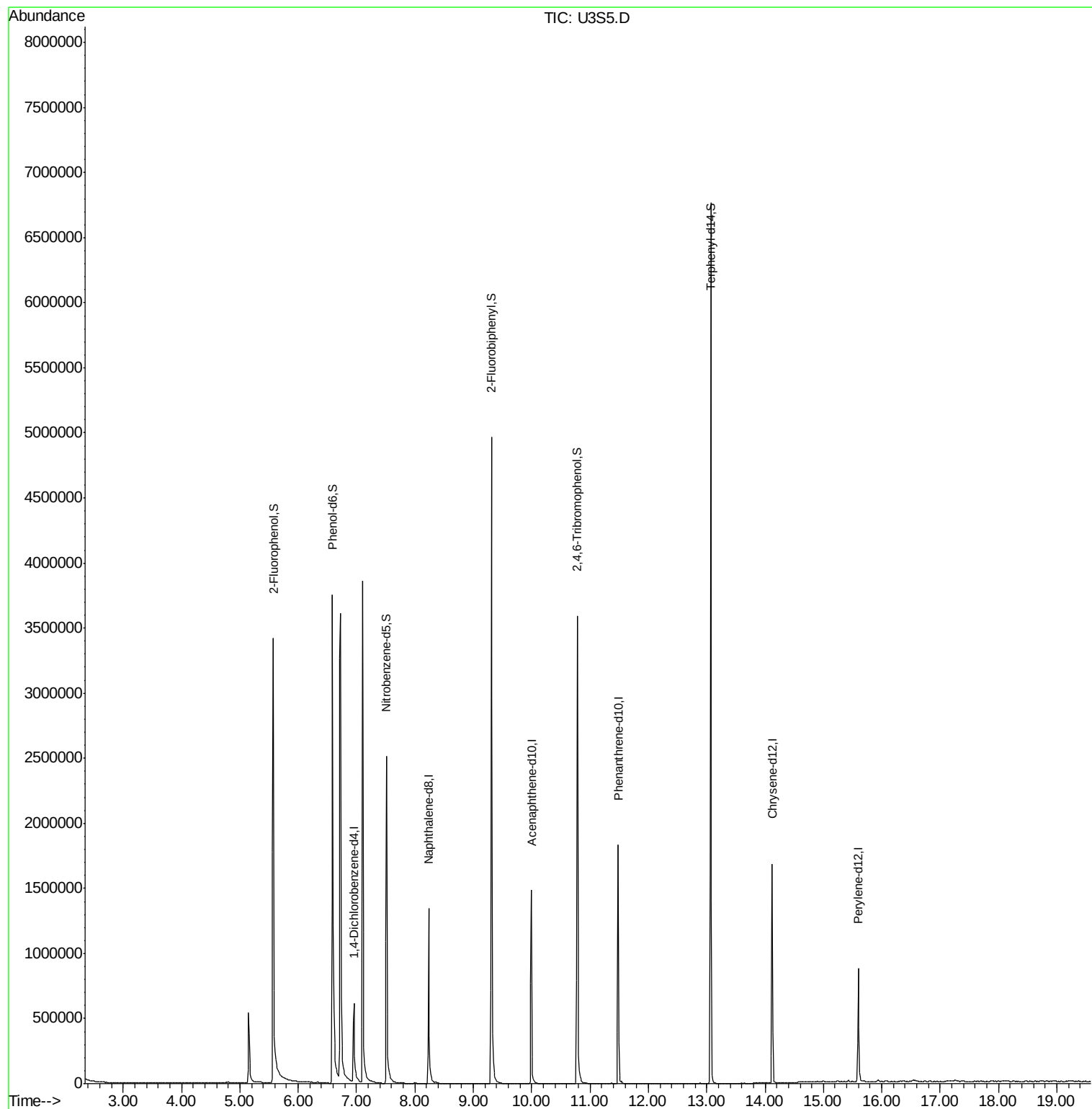
Target Compounds	Qvalue
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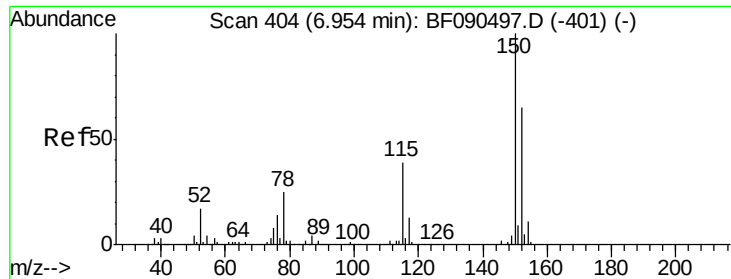
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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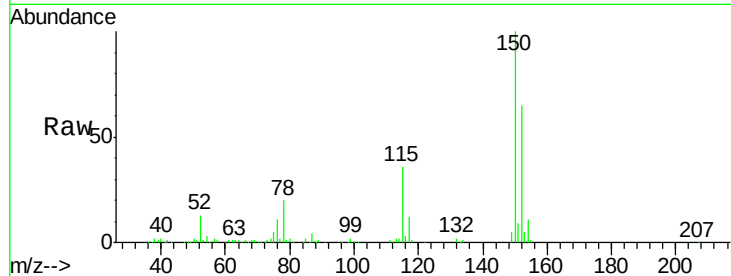


#1

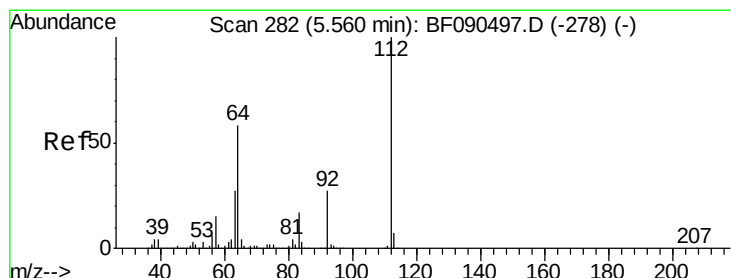
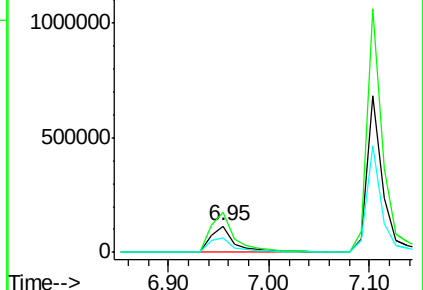
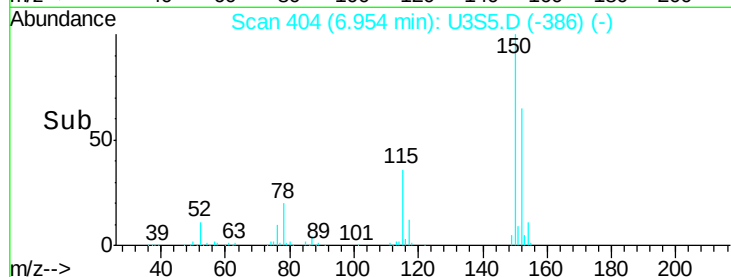
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: U3S5.D
Acq: 12 Oct 2016 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	55.2	46.2	69.4



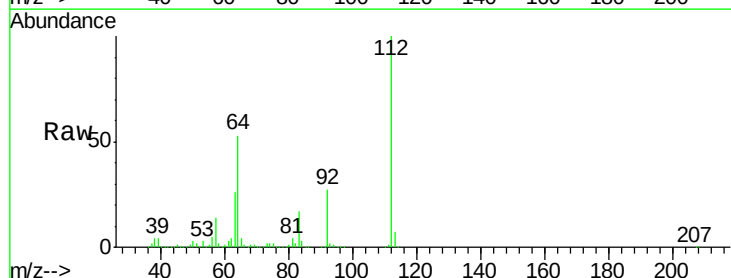
Abundance Ion 152.00 (151.70 to 152.70): U
Ion 150.00 (149.70 to 150.70): U
Ion 115.00 (114.70 to 115.70): U



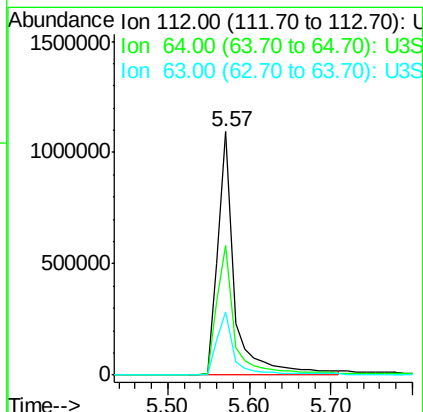
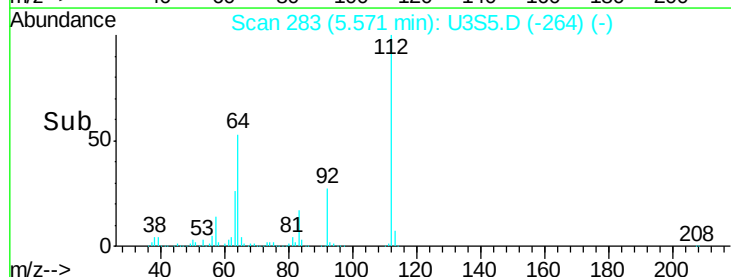
#5

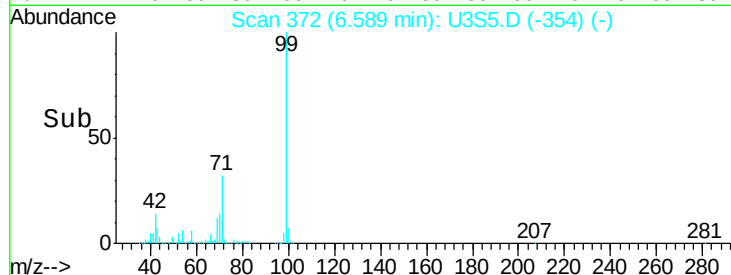
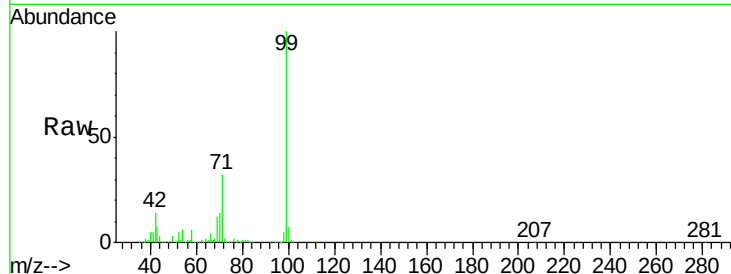
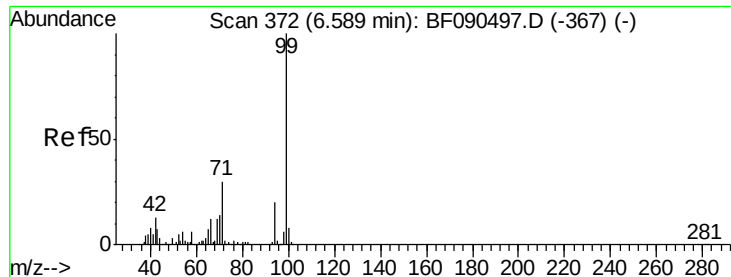
2-Fluorophenol
Concen: 126.22 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: U3S5.D
Acq: 12 Oct 2016 22:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	57.9	86.9#
63	26.2	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: 138.09 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: U3S5.D

Acq: 12 Oct 2016 22:00

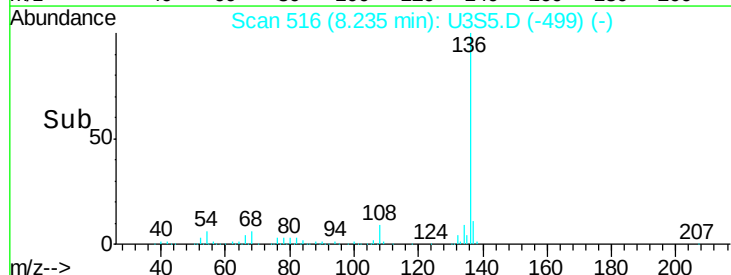
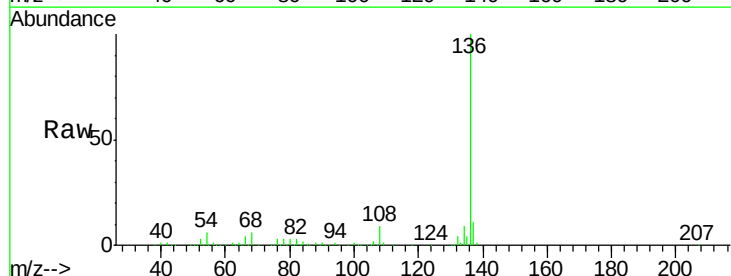
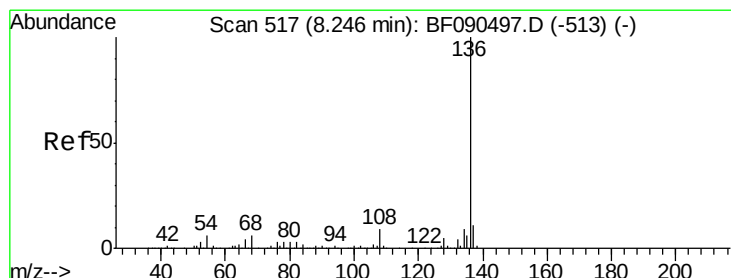
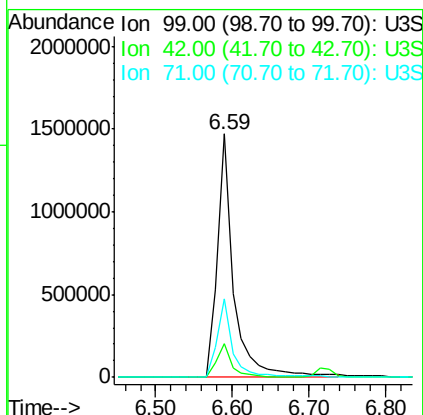
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 2187542

Ion	Ratio	Lower	Upper
99	100		
42	14.1	20.0	30.0#
71	32.0	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

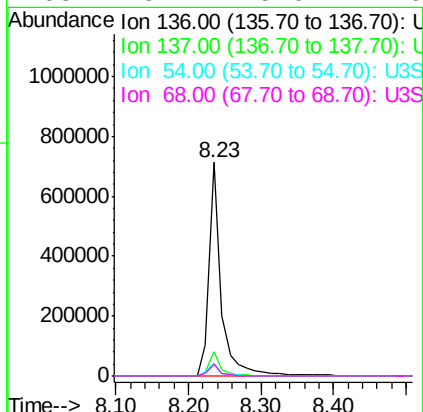
Delta R.T. -0.01 min

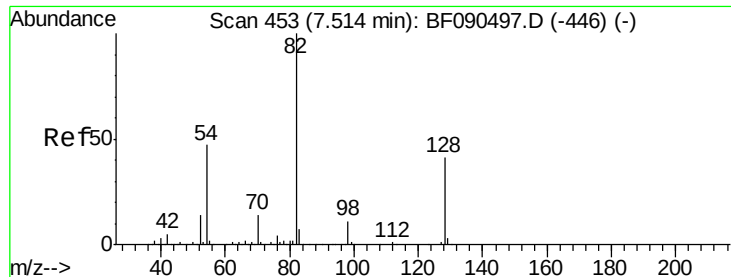
Lab File: U3S5.D

Acq: 12 Oct 2016 22:00

Tgt Ion: 136 Resp: 837477

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.0	6.6	10.0#
68	5.7	5.0	7.6





#23

Nitrobenzene-d5

Concen: 79.05 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.00 min

Lab File: U3S5.D

Acq: 12 Oct 2016 22:00

Instrument :

BNA_F

ClientSampleId :

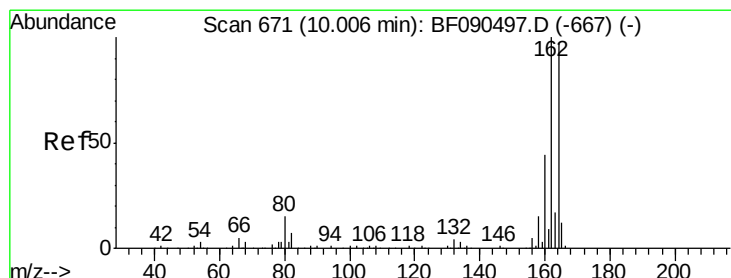
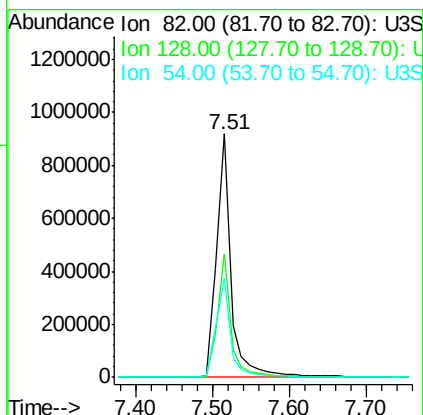
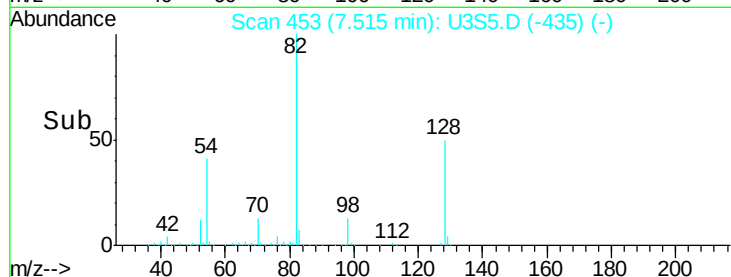
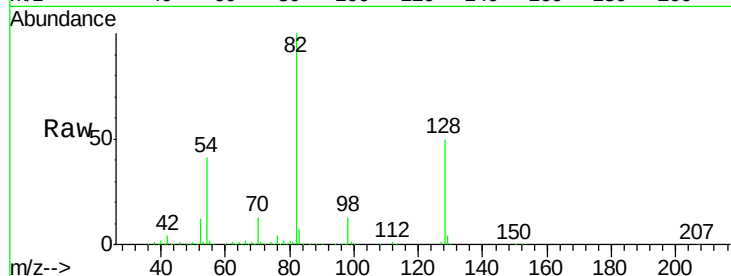
Tgt Ion: 82 Resp: 1220665

Ion Ratio Lower Upper

82 100

128 50.4 40.0 60.0

54 40.7 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: U3S5.D

Acq: 12 Oct 2016 22:00

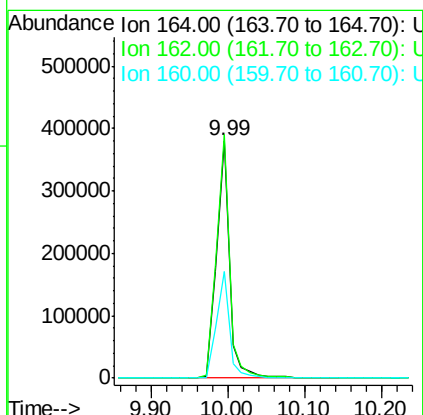
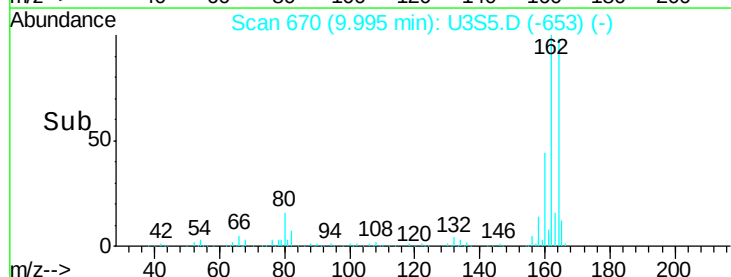
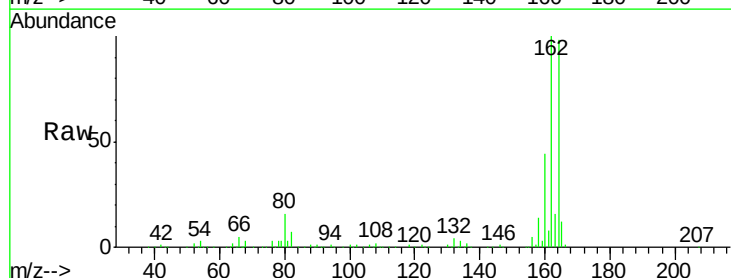
Tgt Ion: 164 Resp: 447957

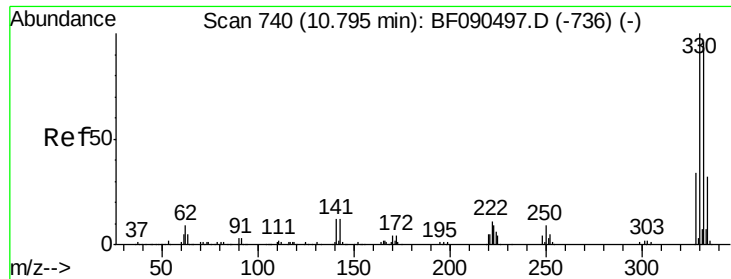
Ion Ratio Lower Upper

164 100

162 102.5 80.1 120.1

160 44.8 36.3 54.5

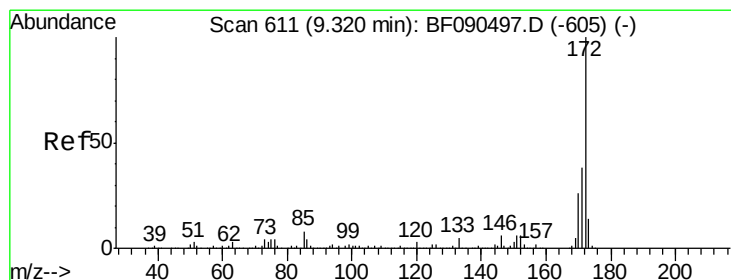
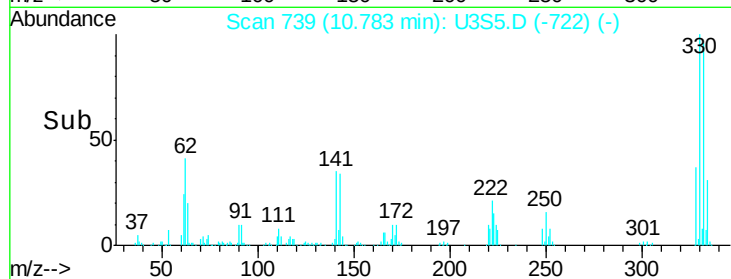
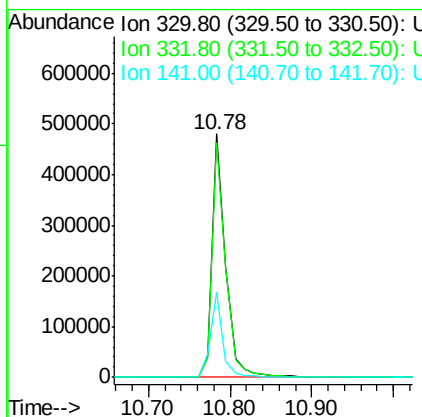
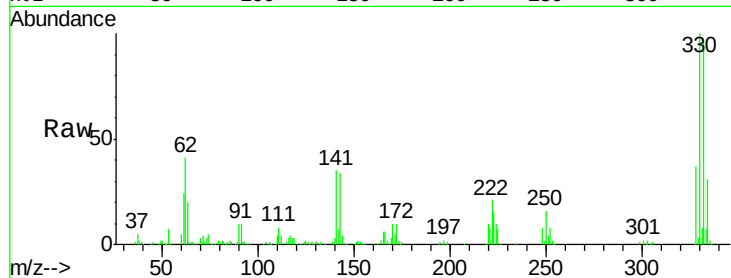




#41
 2,4,6-Tribromophenol
 Concen: 126.59 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: U3S5.D
 Acq: 12 Oct 2016 22:00

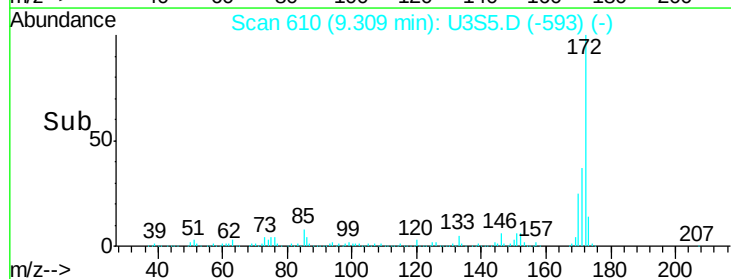
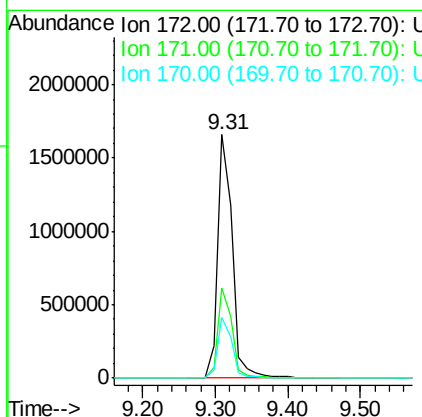
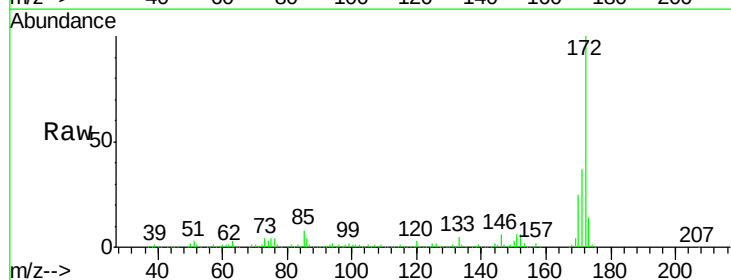
Instrument :
 BNA_F
 ClientSampleId :

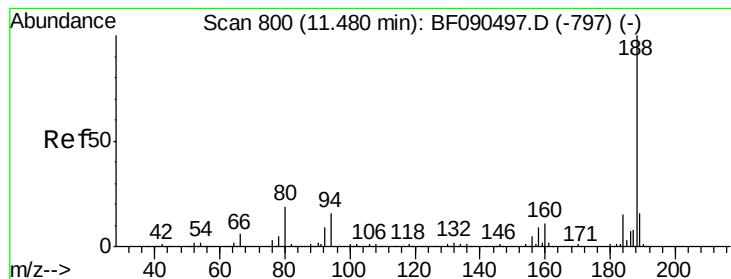
Tgt Ion:330 Resp: 562132
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 32.8 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 87.23 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: U3S5.D
 Acq: 12 Oct 2016 22:00

Tgt Ion:172 Resp: 2325322
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.8 47.8
 170 24.9 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: U3S5.D

Acq: 12 Oct 2016 22:00

Instrument :

BNA_F

ClientSampled :

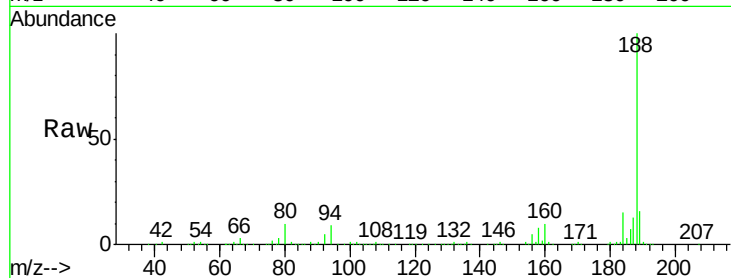
Tgt Ion:188 Resp: 768562

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

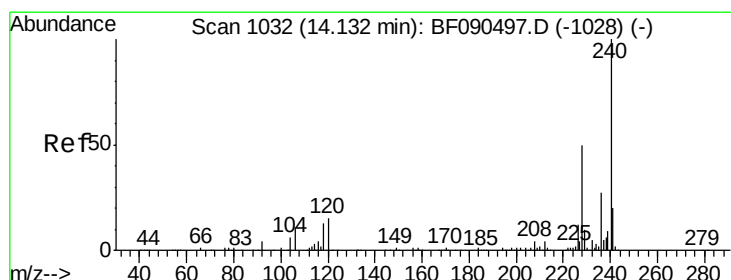
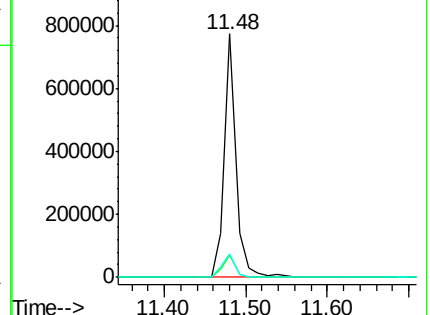
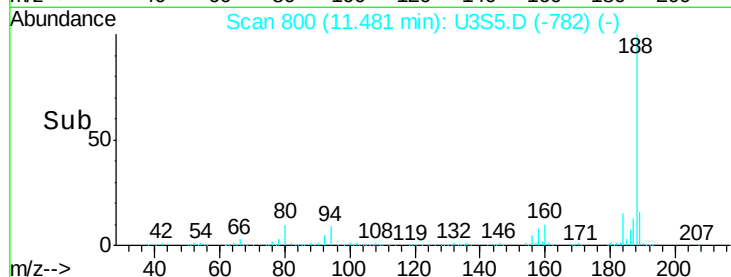
80 9.8 8.8 13.2



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: U3S5.D

Acq: 12 Oct 2016 22:00

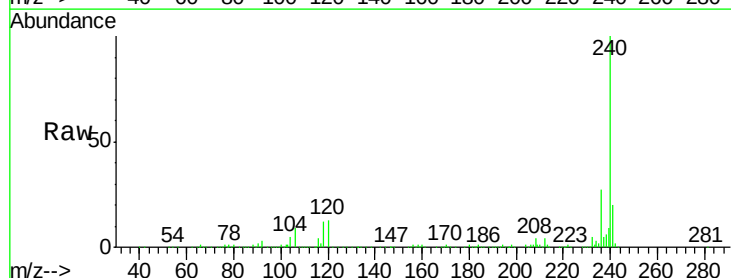
Tgt Ion:240 Resp: 606243

Ion Ratio Lower Upper

240 100

120 13.0 8.6 13.0#

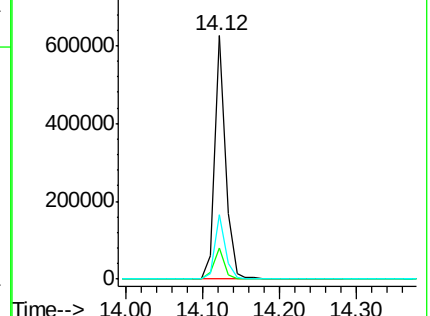
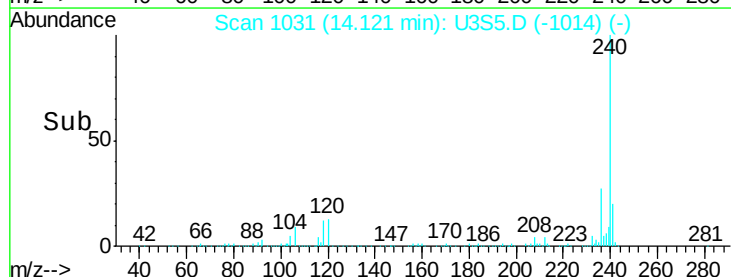
236 26.7 21.6 32.4

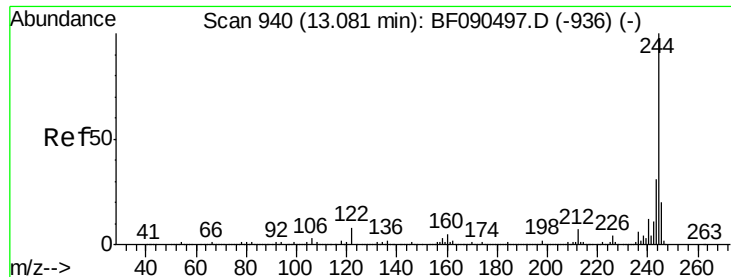


Abundance Ion 240.00 (239.70 to 240.70): U

Ion 120.00 (119.70 to 120.70): U

Ion 236.00 (235.70 to 236.70): U





#78

Terphenyl-d14

Concen: 94.23 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: U3S5.D

Acq: 12 Oct 2016 22:00

Instrument :

BNA_F

ClientSampleId :

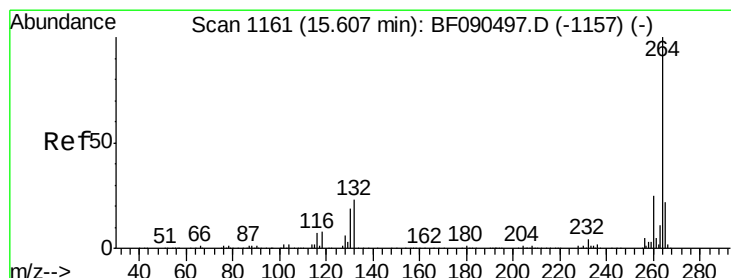
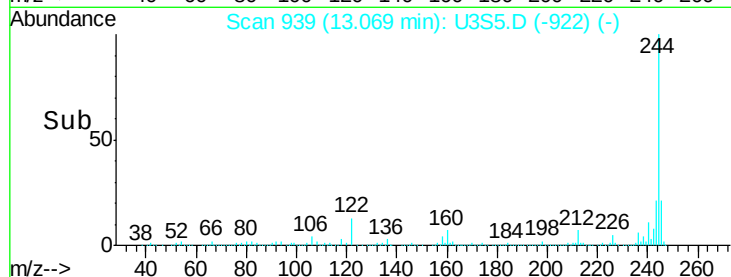
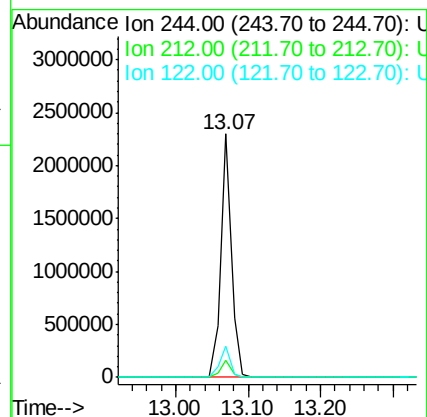
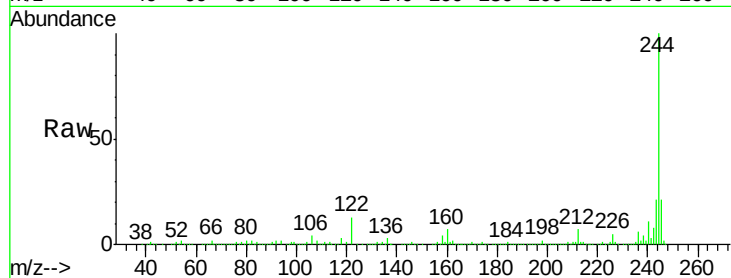
Tgt Ion:244 Resp: 2337520

Ion Ratio Lower Upper

244 100

212 7.2 6.8 10.2

122 12.8 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: U3S5.D

Acq: 12 Oct 2016 22:00

Tgt Ion:264 Resp: 434874

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 21.6 17.4 26.0

