

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
 Data File : U3S2.D
 Acq On : 12 Oct 2016 20:38
 Operator : UM/SJ
 Sample : U3S2
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:54:12 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	201258	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	856336	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	427419	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	759217	20.00	ng	0.00
75) Chrysene-d12	14.12	240	568658	20.00	ng	-0.01
86) Perylene-d12	15.60	264	360047	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1323367	102.30	ng	0.01
7) Phenol-d6	6.59	99	1891792	115.88	ng	0.00
23) Nitrobenzene-d5	7.51	82	1155253	73.17	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	495415	116.93	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2074223	81.55	ng	-0.01
78) Terphenyl-d14	13.07	244	2077017	89.26	ng	-0.01

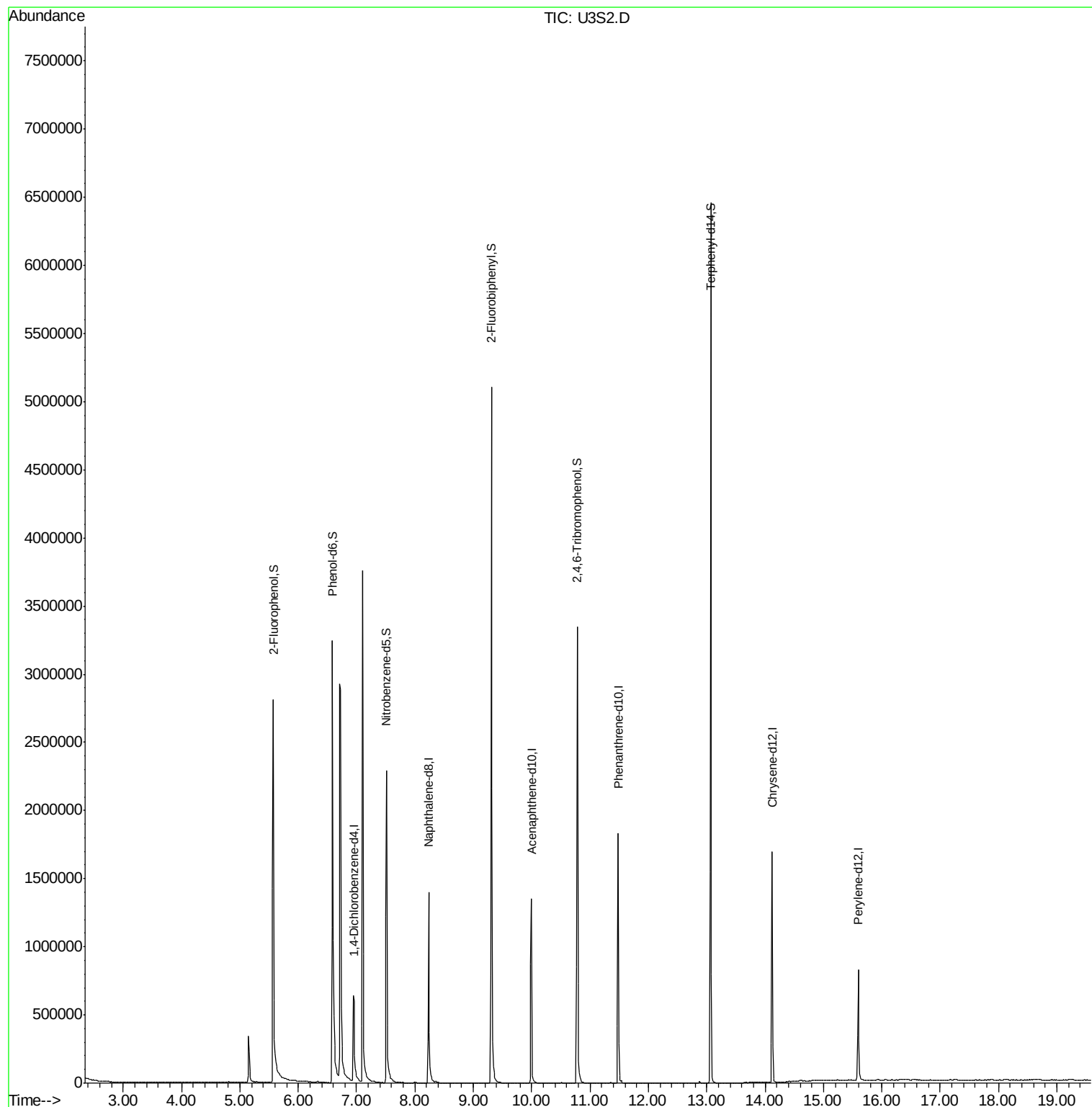
Target Compounds	Qvalue
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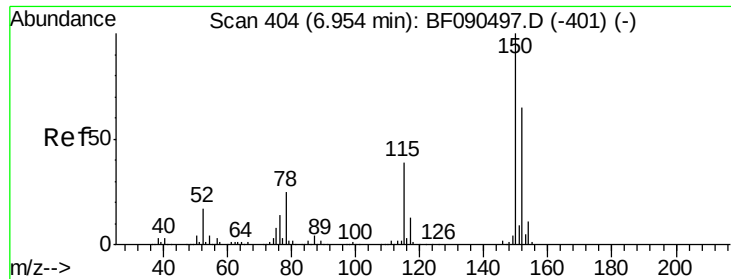
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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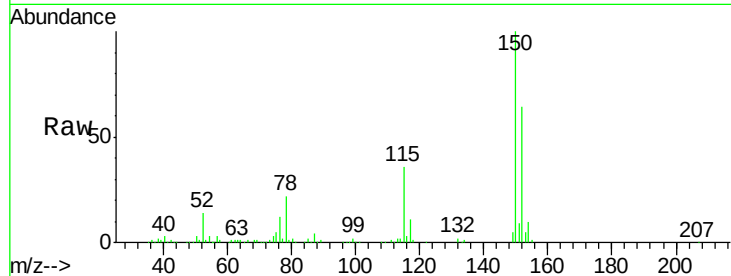


#1

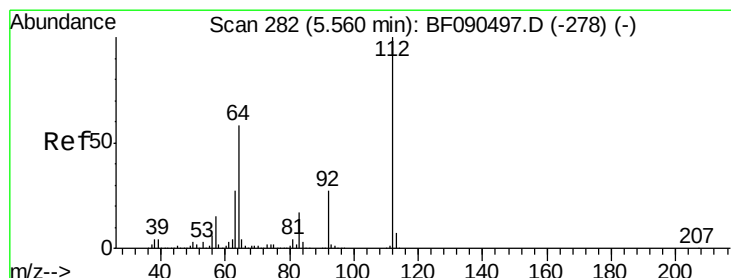
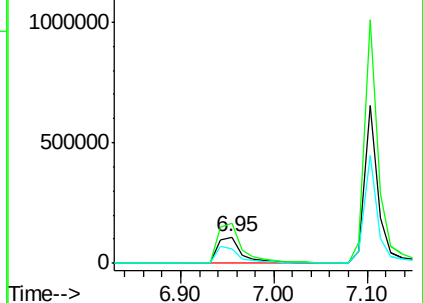
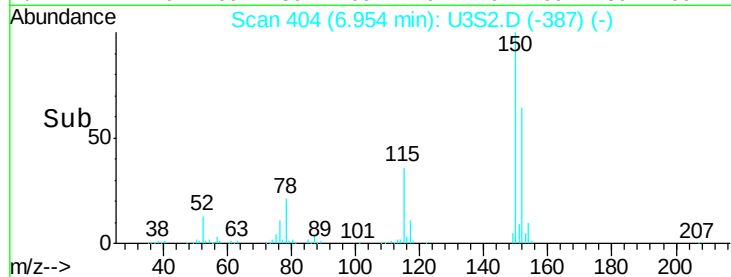
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: U3S2.D
Acq: 12 Oct 2016 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	56.4	46.2	69.4



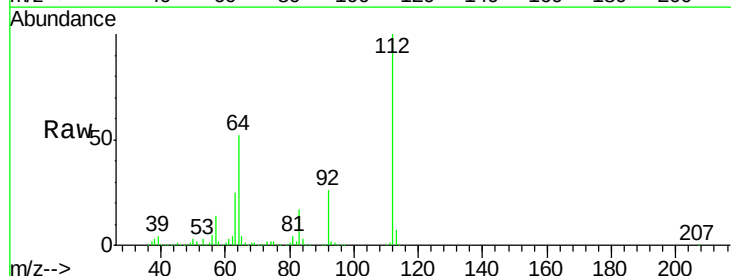
Abundance Ion 152.00 (151.70 to 152.70): U
Ion 150.00 (149.70 to 150.70): U
Ion 115.00 (114.70 to 115.70): U



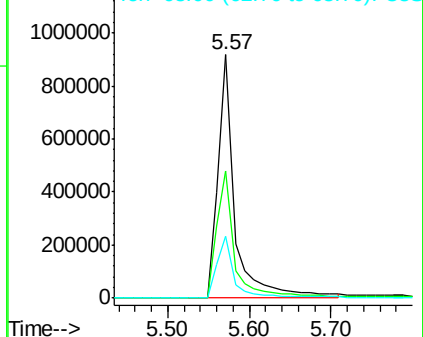
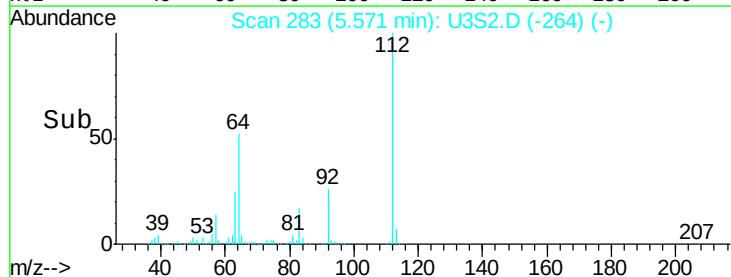
#5

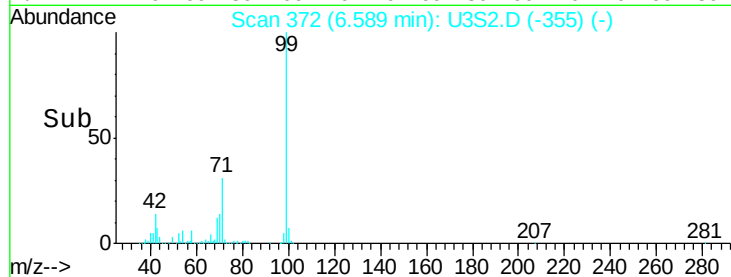
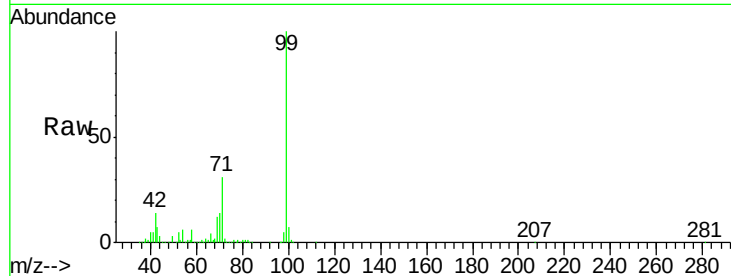
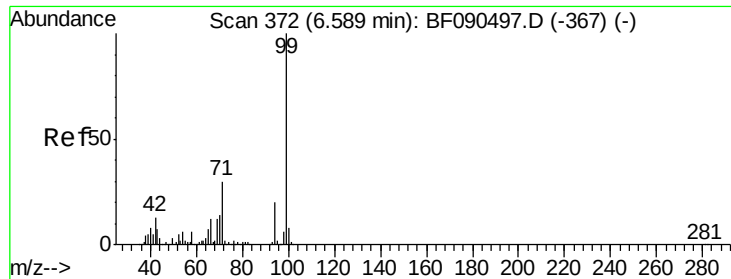
2-Fluorophenol
Concen: 102.30 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: U3S2.D
Acq: 12 Oct 2016 20:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	57.9	86.9#
63	25.4	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: 115.88 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: U3S2.D

Acq: 12 Oct 2016 20:38

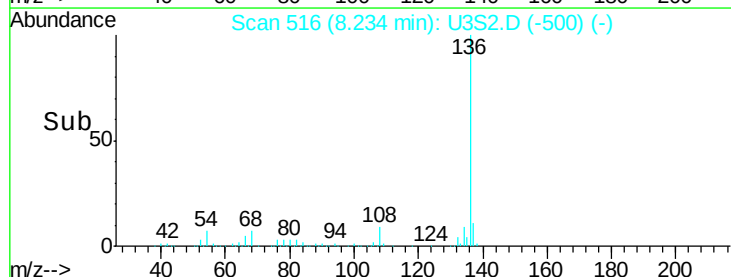
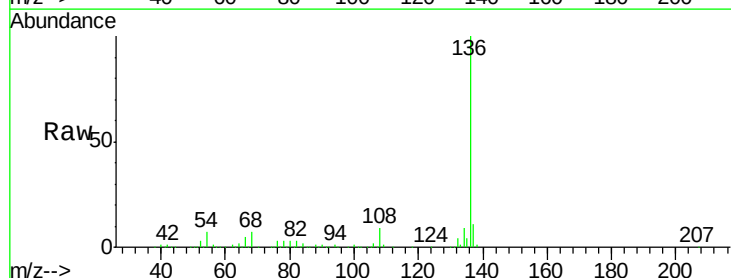
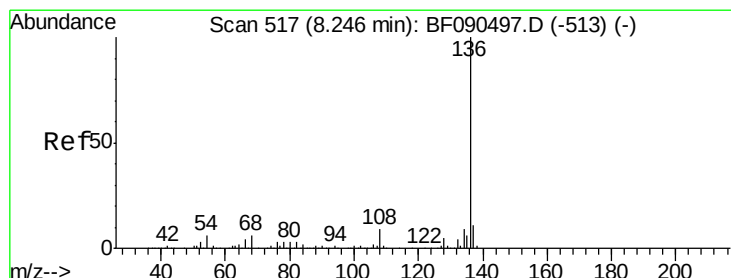
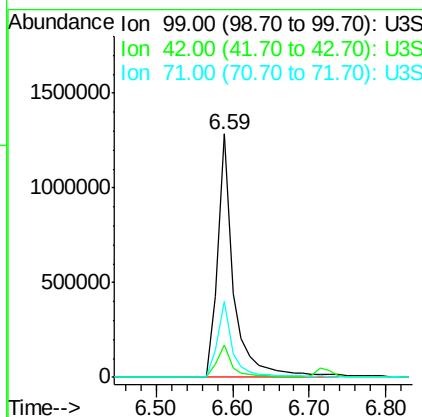
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 1891792

Ion	Ratio	Lower	Upper
99	100		
42	13.5	20.0	30.0#
71	31.2	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

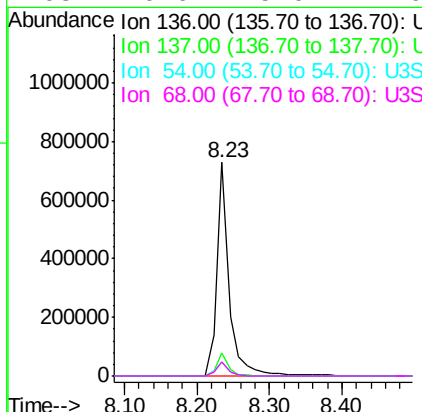
Delta R.T. -0.01 min

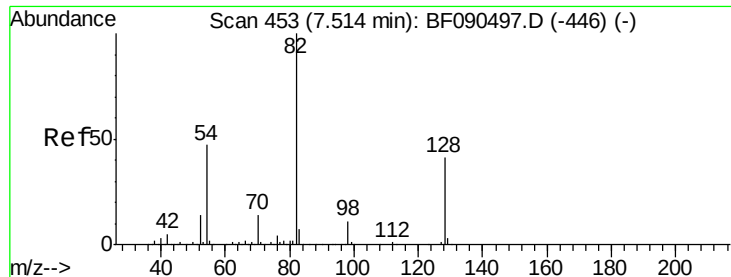
Lab File: U3S2.D

Acq: 12 Oct 2016 20:38

Tgt Ion: 136 Resp: 856336

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.8	6.6	10.0
68	6.6	5.0	7.6

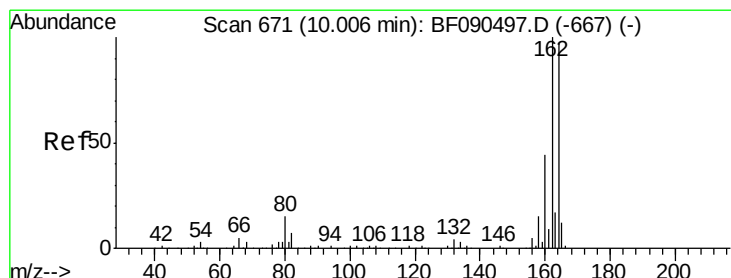
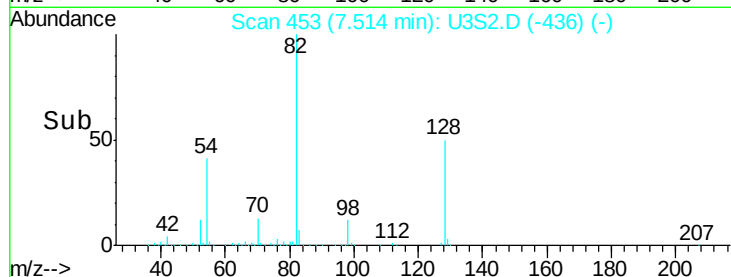
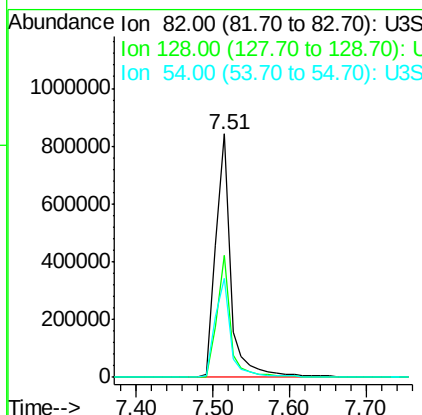
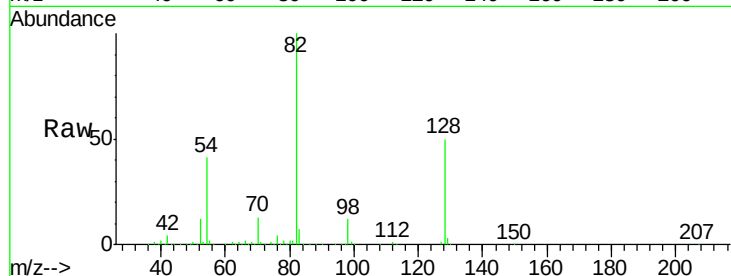




#23
 Nitrobenzene-d5
 Concen: 73.17 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: U3S2.D
 Acq: 12 Oct 2016 20:38

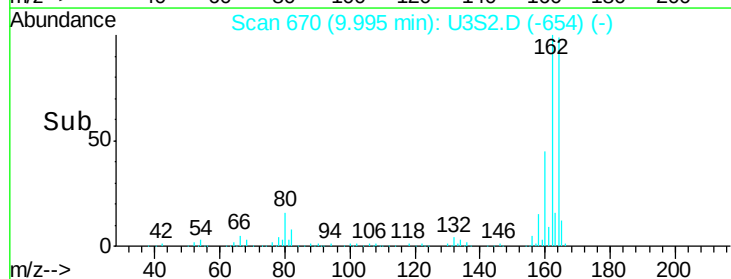
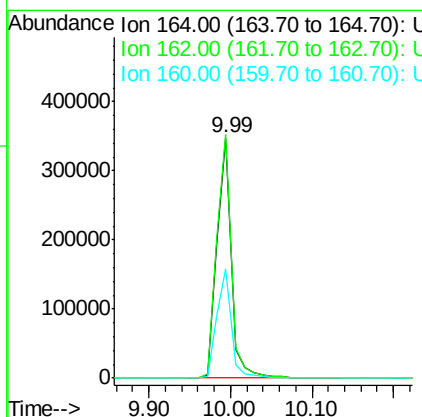
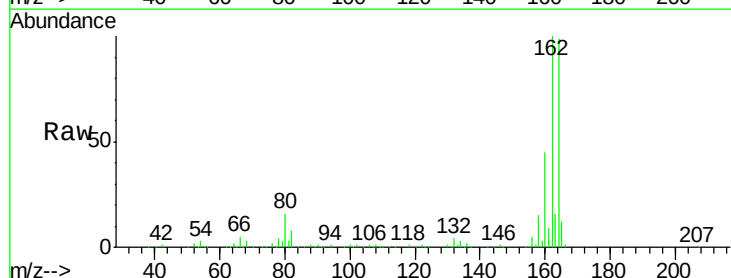
Instrument :
 BNA_F
 ClientSampled :

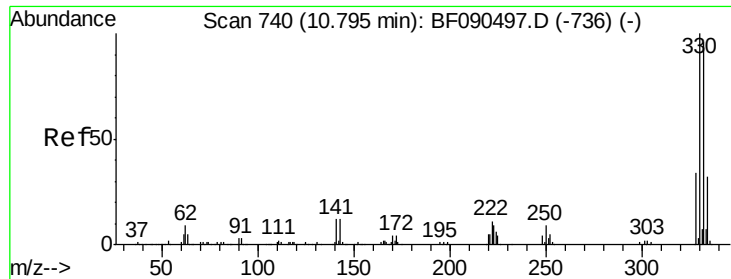
Tgt Ion: 82 Resp: 1155253
 Ion Ratio Lower Upper
 82 100
 128 50.2 40.0 60.0
 54 40.6 42.6 64.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: U3S2.D
 Acq: 12 Oct 2016 20:38

Tgt Ion: 164 Resp: 427419
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.1 120.1
 160 45.6 36.3 54.5

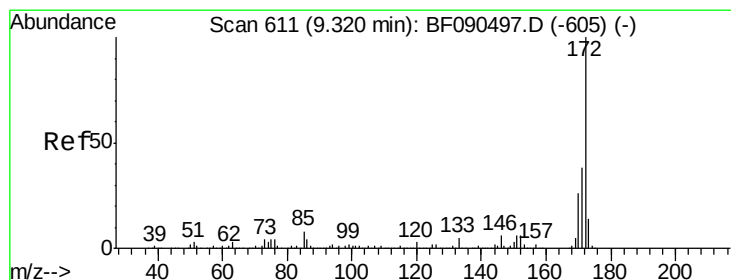
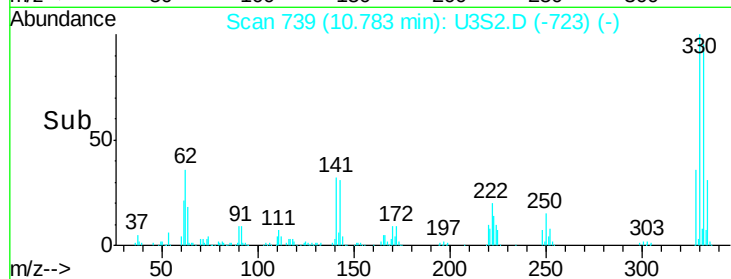
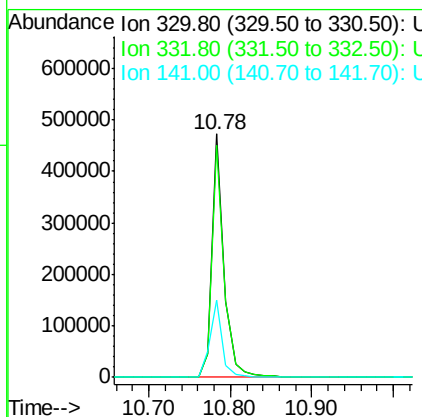
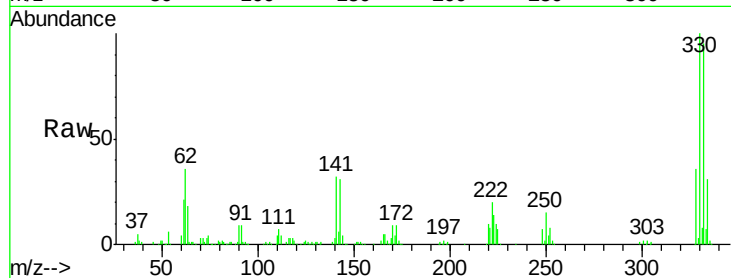




#41
 2,4,6-Tribromophenol
 Concen: 116.93 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: U3S2.D
 Acq: 12 Oct 2016 20:38

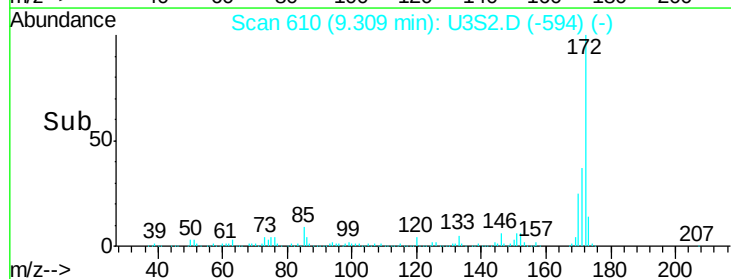
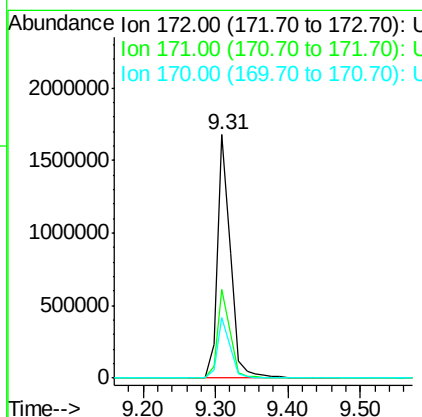
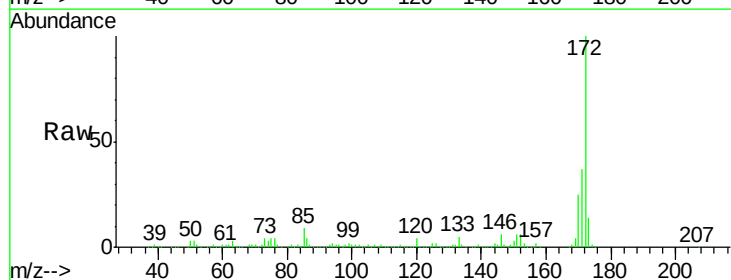
Instrument :
 BNA_F
 ClientSampleId :

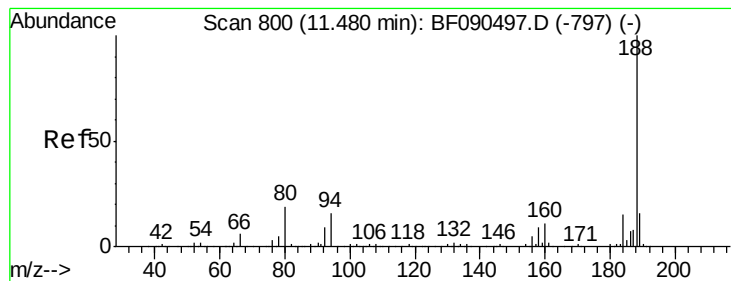
Tgt Ion:330 Resp: 495415
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 33.2 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 81.55 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: U3S2.D
 Acq: 12 Oct 2016 20:38

Tgt Ion:172 Resp: 2074223
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.8 47.8
 170 25.0 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: U3S2.D

Acq: 12 Oct 2016 20:38

Instrument :

BNA_F

ClientSampled :

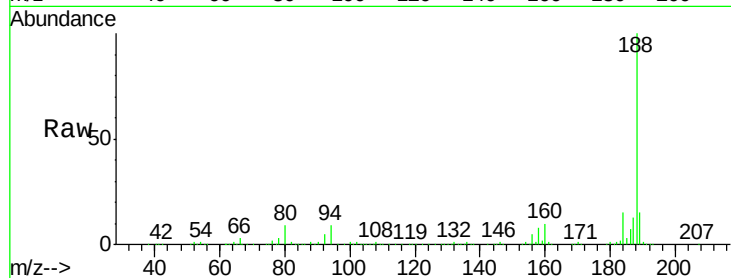
Tgt Ion:188 Resp: 759217

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

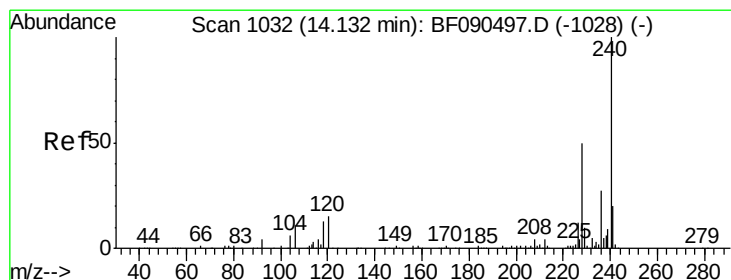
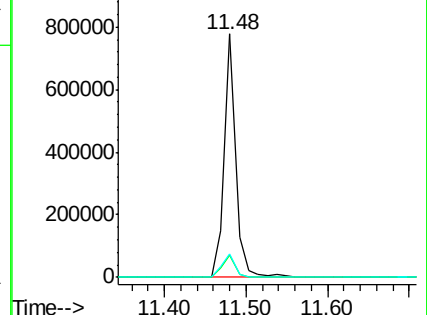
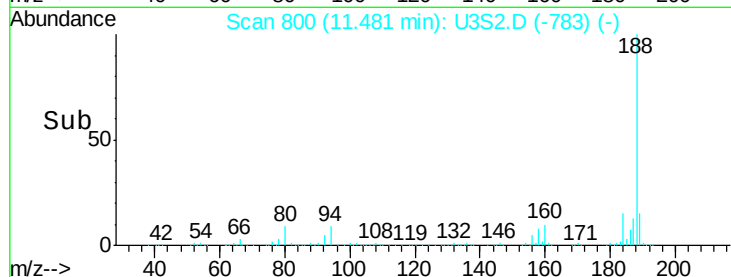
80 9.5 8.8 13.2



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: U3S2.D

Acq: 12 Oct 2016 20:38

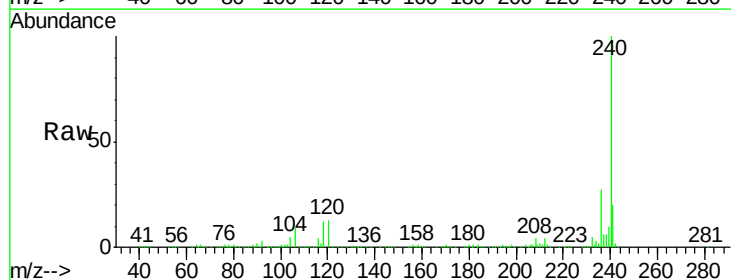
Tgt Ion:240 Resp: 568658

Ion Ratio Lower Upper

240 100

120 12.8 8.6 13.0

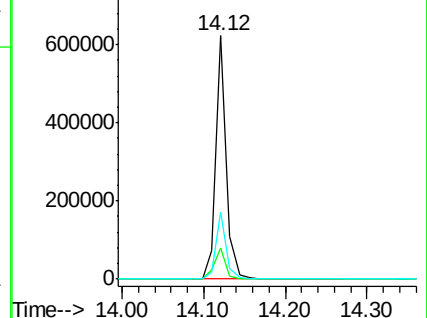
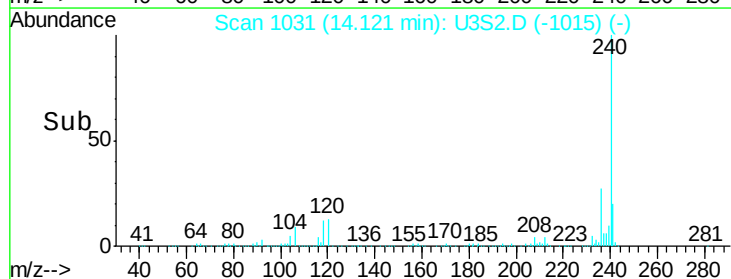
236 27.4 21.6 32.4

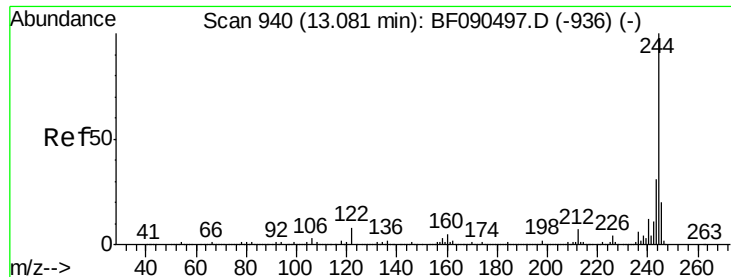


Abundance Ion 240.00 (239.70 to 240.70): U

Ion 120.00 (119.70 to 120.70): U

Ion 236.00 (235.70 to 236.70): U





#78

Terphenyl-d14

Concen: 89.26 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: U3S2.D

Acq: 12 Oct 2016 20:38

Instrument :

BNA_F

ClientSampleId :

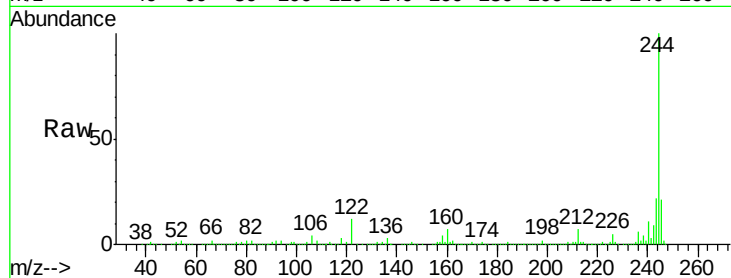
Tgt Ion:244 Resp: 2077017

Ion Ratio Lower Upper

244 100

212 7.2 6.8 10.2

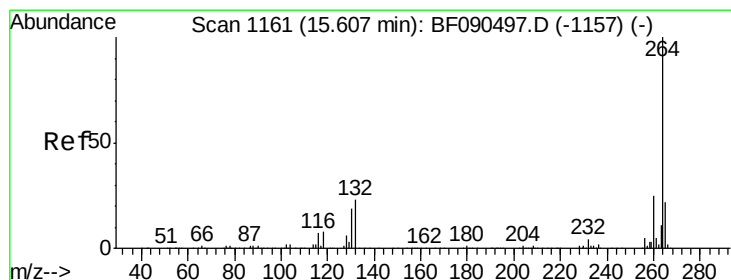
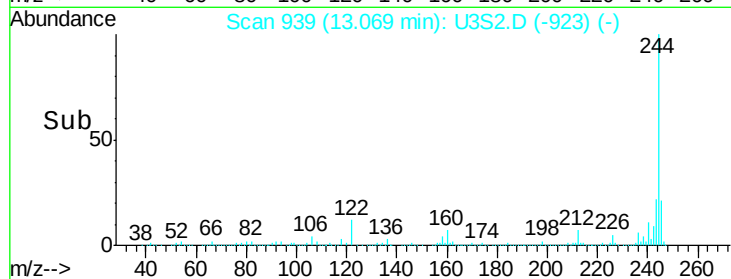
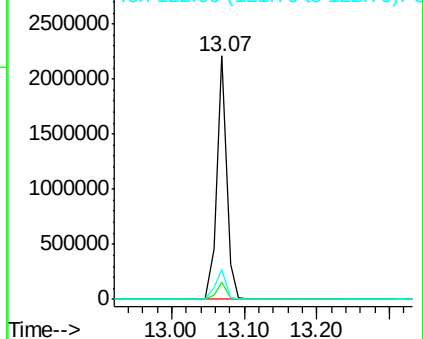
122 12.3 13.3 19.9#



Abundance Ion 244.00 (243.70 to 244.70): U

Ion 212.00 (211.70 to 212.70): U

Ion 122.00 (121.70 to 122.70): U



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1160

Delta R.T. -0.01 min

Lab File: U3S2.D

Acq: 12 Oct 2016 20:38

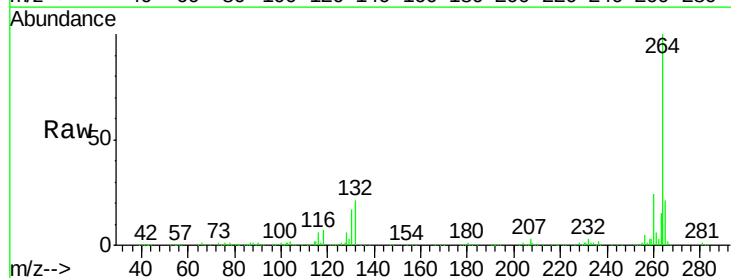
Tgt Ion:264 Resp: 360047

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): U

Ion 260.00 (259.70 to 260.70): U

Ion 265.00 (264.70 to 265.70): U

