

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090536.D
 Acq On : 12 Oct 2016 15:37
 Operator : UM/SJ
 Sample : H5153-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-MW3T-100716

Quant Time: Oct 12 17:46:53 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

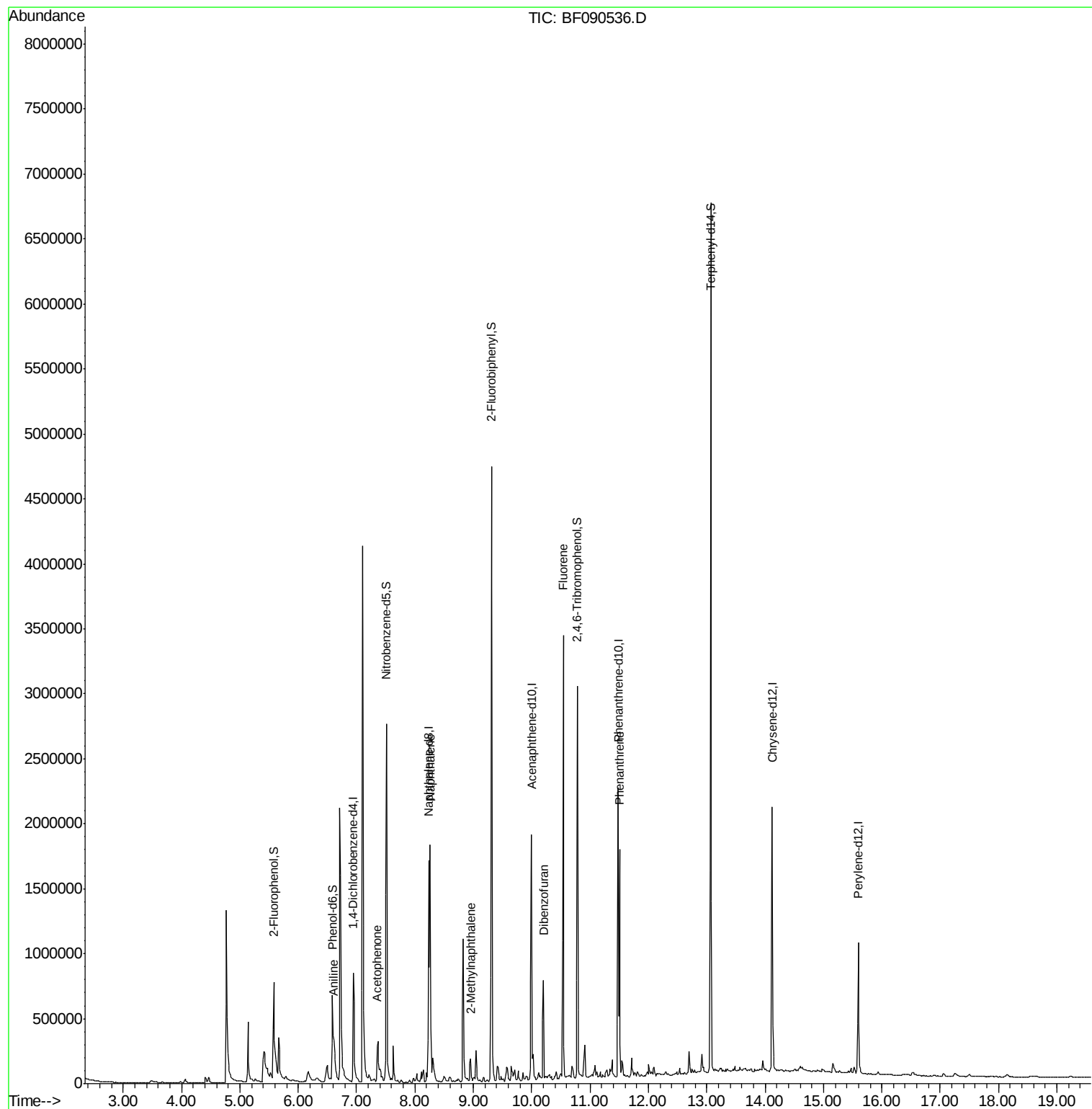
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	213606	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	907590	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	472324	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	788779	20.00	ng	0.00
75) Chrysene-d12	14.12	240	651379	20.00	ng	-0.01
86) Perylene-d12	15.60	264	445781	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	485367	35.35	ng	0.02
7) Phenol-d6	6.59	99	465458	26.86	ng	0.00
23) Nitrobenzene-d5	7.51	82	1263188	75.49	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	370920	79.22	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2360064	83.97	ng	-0.01
78) Terphenyl-d14	13.07	244	2201672	82.60	ng	-0.01
Target Compounds						Qvalue
6) Aniline	6.61	93	104829	4.77	ng	90
22) Acetophenone	7.35	105	57529	2.88	ng	# 93
31) Naphthalene	8.26	128	909787	20.12	ng	97
37) 2-Methylnaphthalene	8.95	142	69645	2.29	ng	97
54) Dibenzofuran	10.20	168	409031	10.59	ng	96
57) Fluorene	10.54	166	1033050	32.77	ng	99
70) Phenanthrene	11.50	178	606382	13.95	ng	96

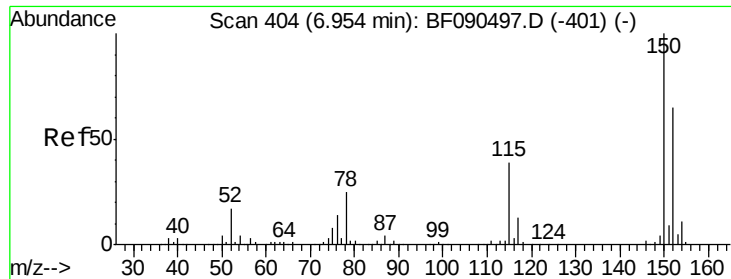
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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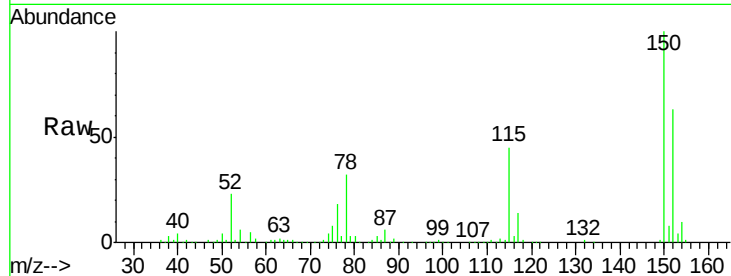


#1

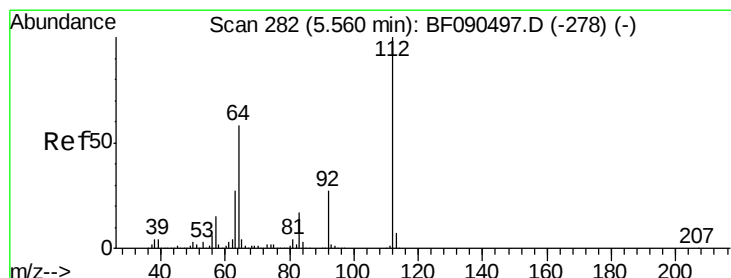
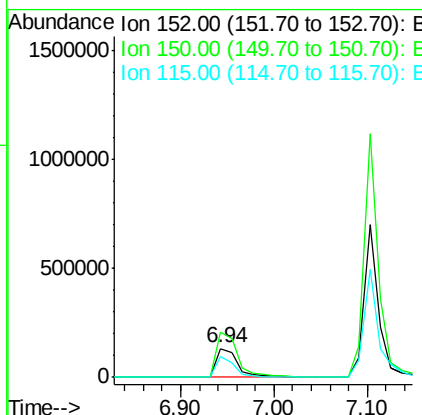
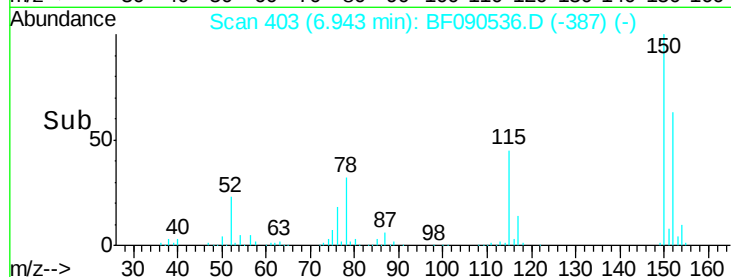
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

Instrument :
BNA_F
ClientSampleId :
AOU2-MW3T-100716

Tot Ion:152 Resp: 213606
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 71.8 46.2 69.4#



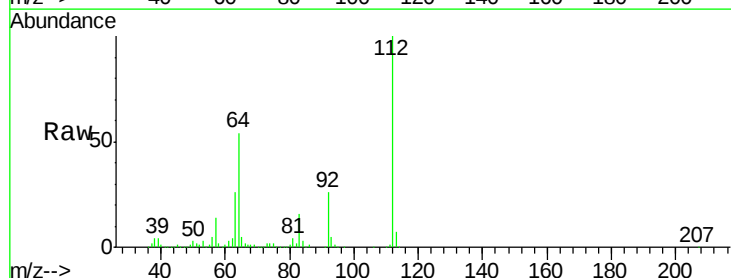
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



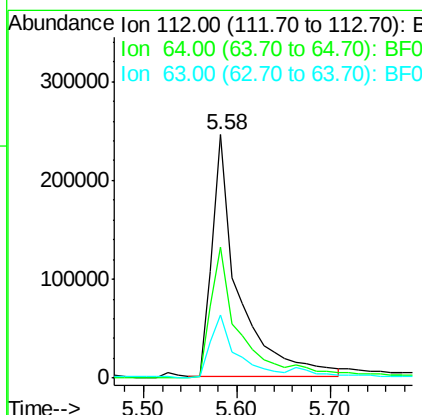
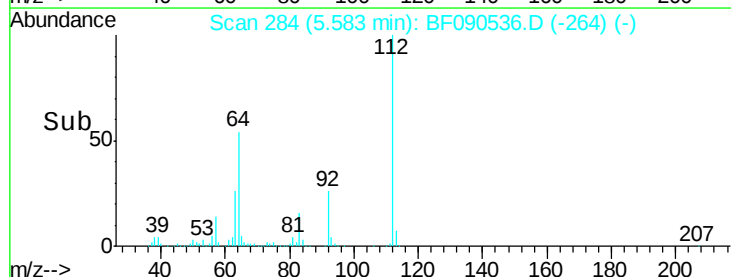
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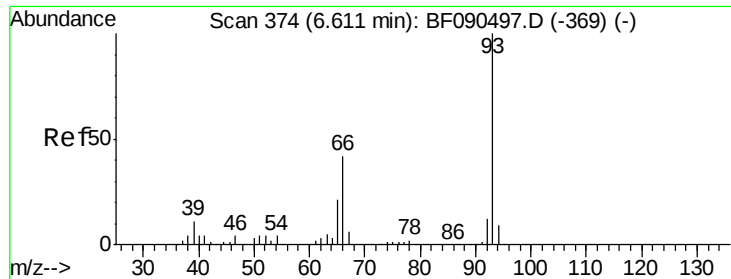
2-Fluorophenol
Concen: 35.35 ng
RT: 5.58 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

Tgt Ion:112 Resp: 485367
Ion Ratio Lower Upper
112 100
64 53.7 57.9 86.9#
63 26.1 29.6 44.4#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 4.77 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF090536.D

Acq: 12 Oct 2016 15:37

Instrument :

BNA_F

ClientSampleId :

AOU2-MW3T-100716

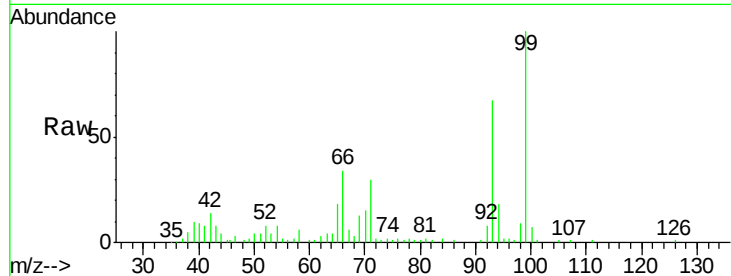
Tot Ion: 93 Resp: 104829

Ion Ratio Lower Upper

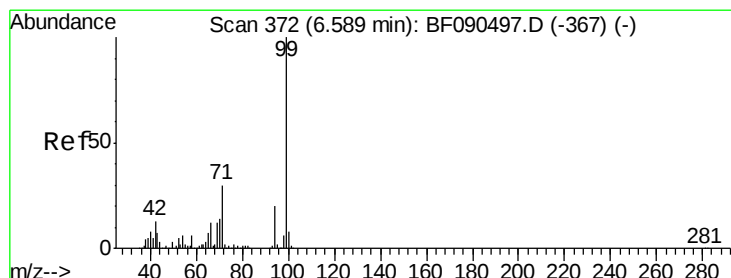
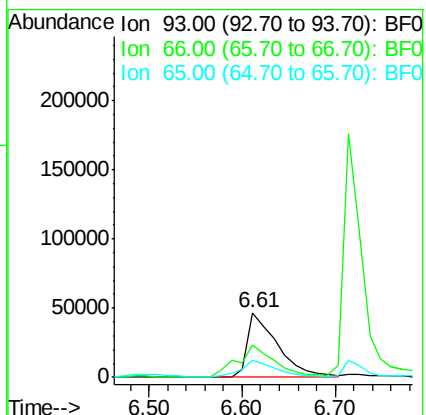
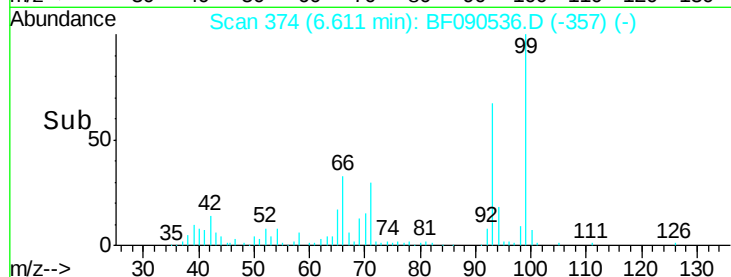
93 100

66 50.4 34.5 51.7

65 26.6 18.2 27.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 26.86 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090536.D

Acq: 12 Oct 2016 15:37

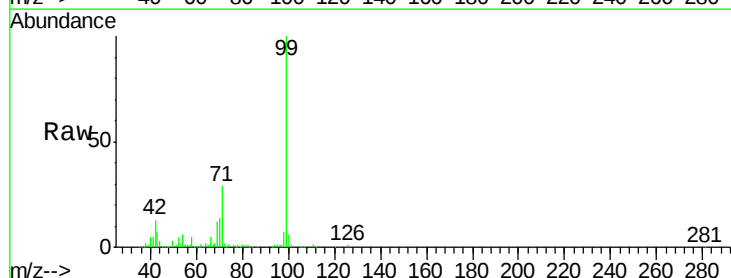
Tgt Ion: 99 Resp: 465458

Ion Ratio Lower Upper

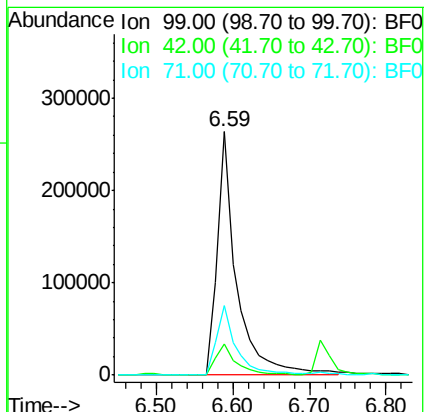
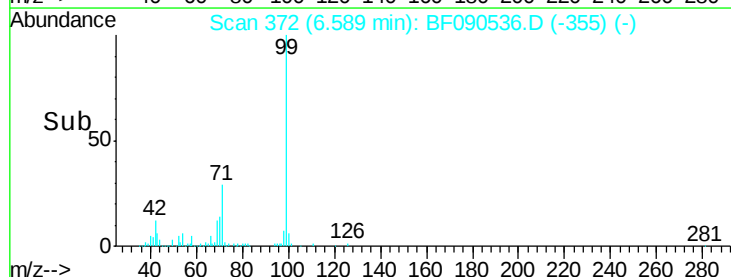
99 100

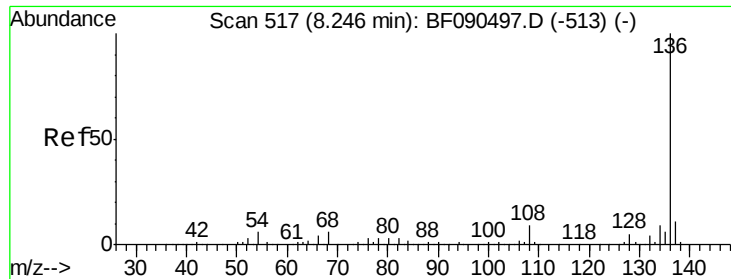
42 12.6 20.0 30.0#

71 28.6 27.9 41.9



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

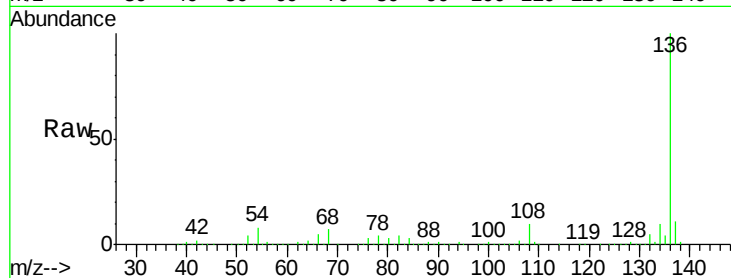




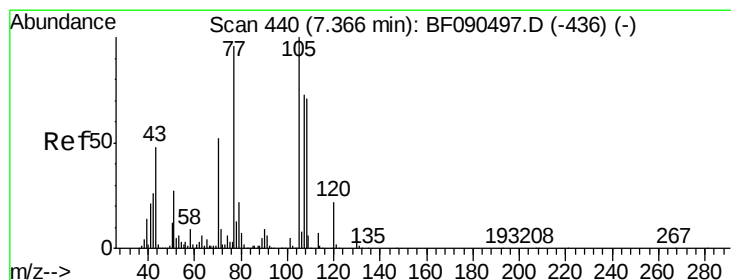
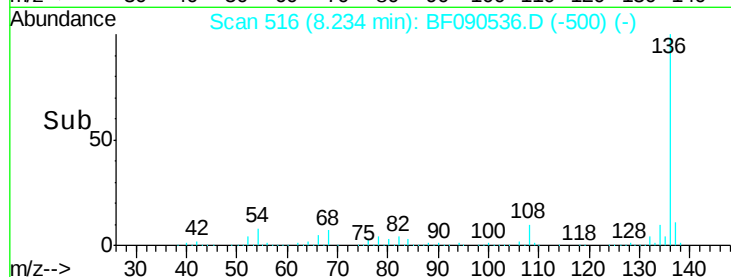
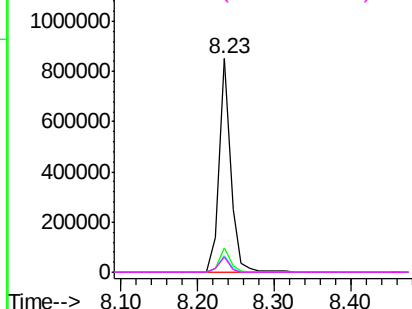
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

Instrument :
BNA_F
ClientSampleId :
AOU2-MW3T-100716

Tot Ion:136	Resp:	907590
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.6
54	7.7	6.6 10.0
68	7.2	5.0 7.6

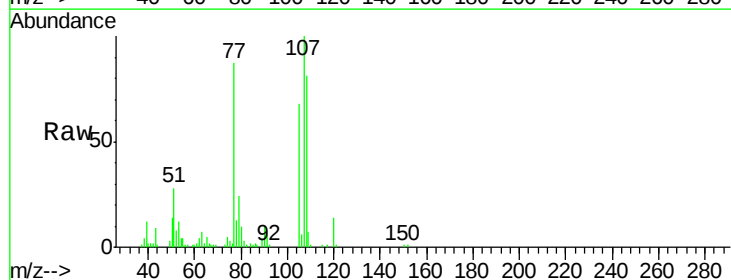


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

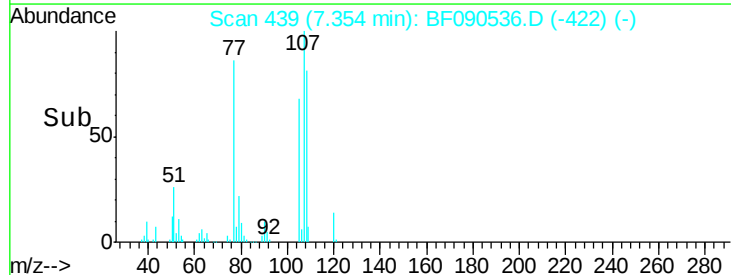
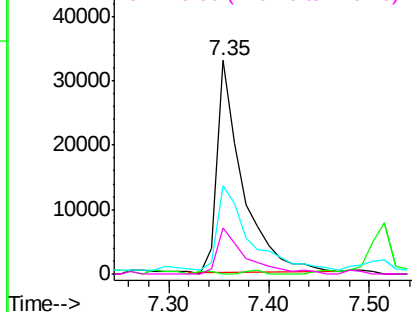


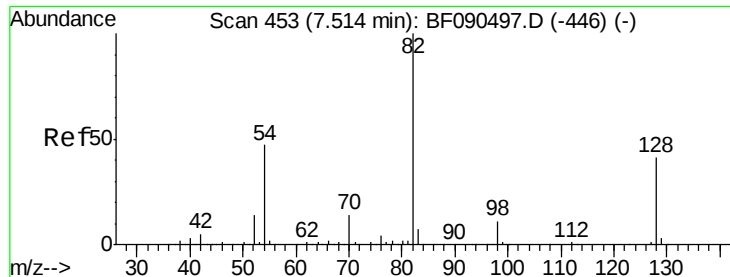
#22
Acetophenone
Concen: 2.88 ng
RT: 7.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

Tgt Ion:105	Resp:	57529
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.8 5.6#
51	41.5	28.2 42.4
120	21.4	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

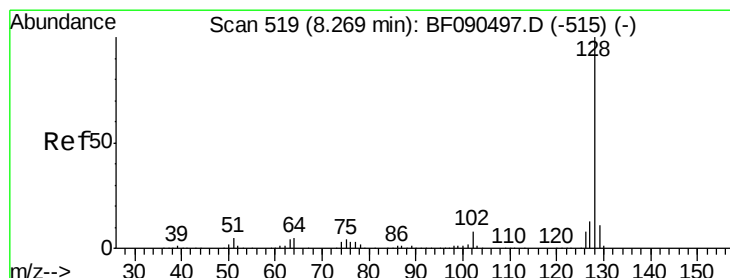
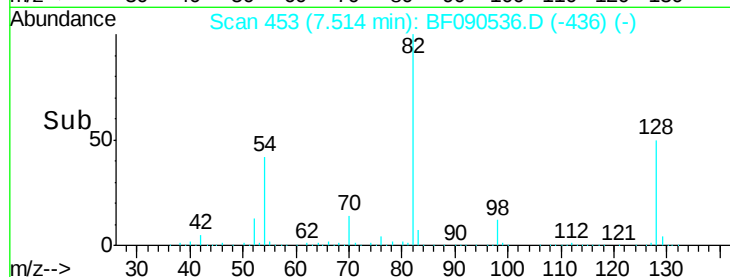
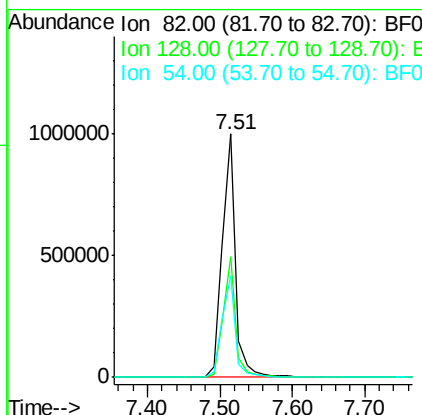
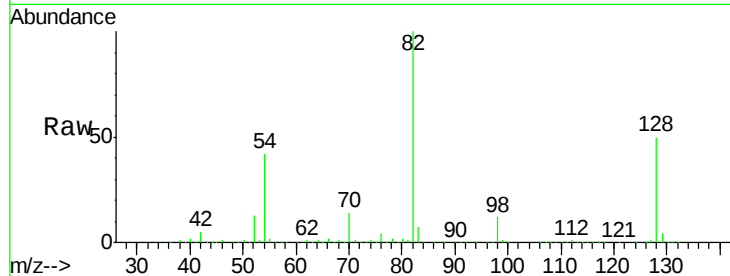




#23
Nitrobenzene-d5
Concen: 75.49 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

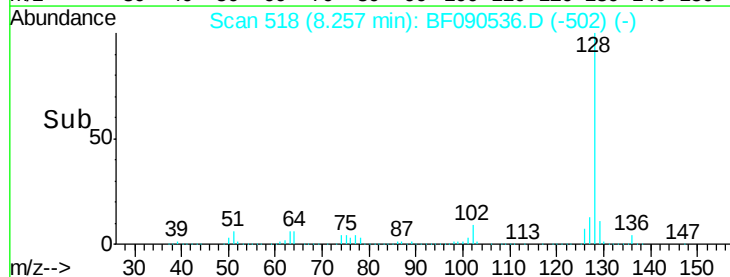
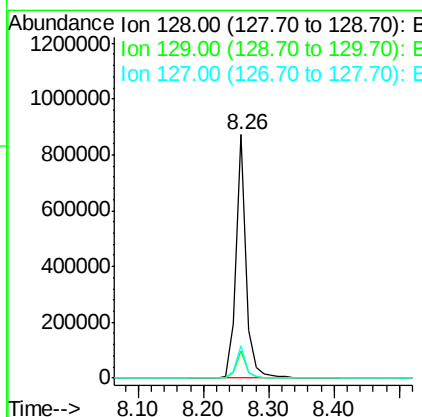
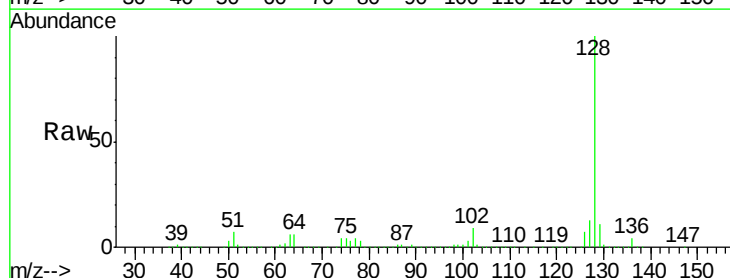
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AOU2-MW3T-100716

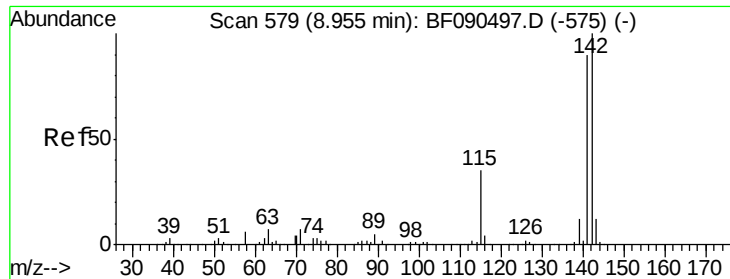
Tot Ion: 82 Resp: 1263188
Ion Ratio Lower Upper
82 100
128 49.6 40.0 60.0
54 41.5 42.6 64.0#



#31
Naphthalene
Concen: 20.12 ng
RT: 8.26 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

Tgt Ion:128 Resp: 909787
Ion Ratio Lower Upper
128 100
129 11.3 9.7 14.5
127 13.4 11.7 17.5

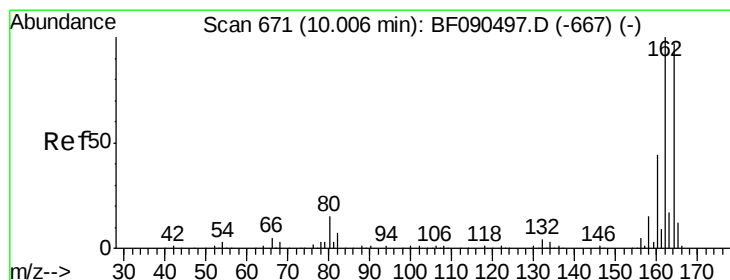
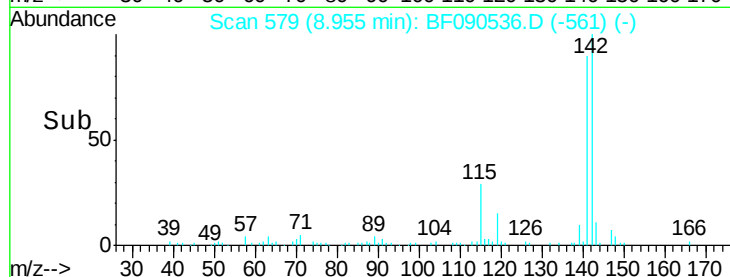
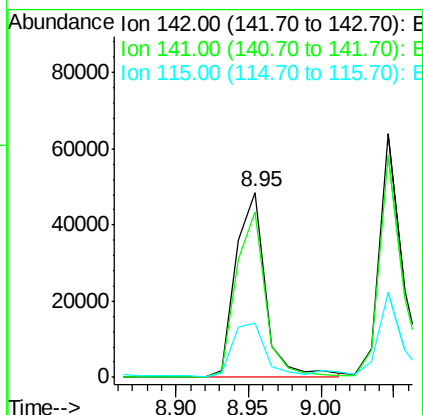
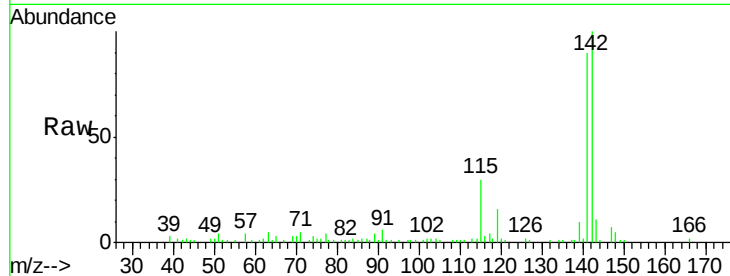




#37
2-Methylnaphthalene
Concen: 2.29 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

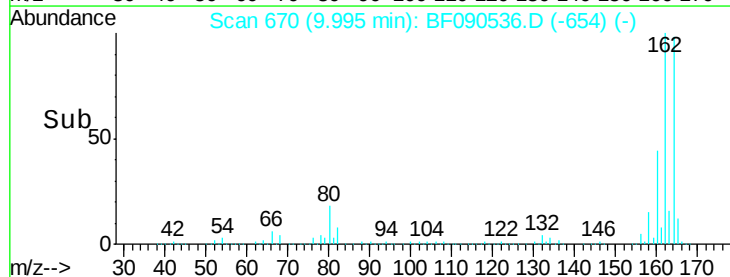
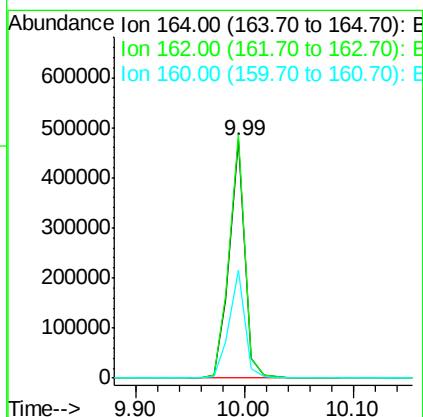
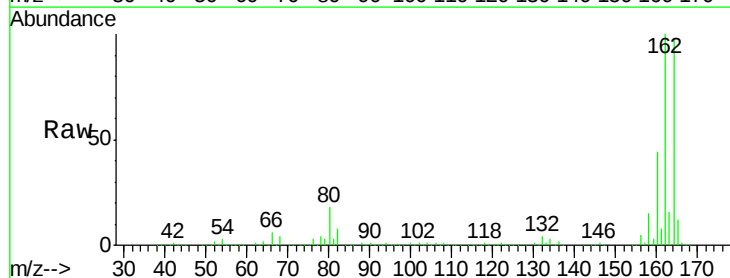
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BNA_F
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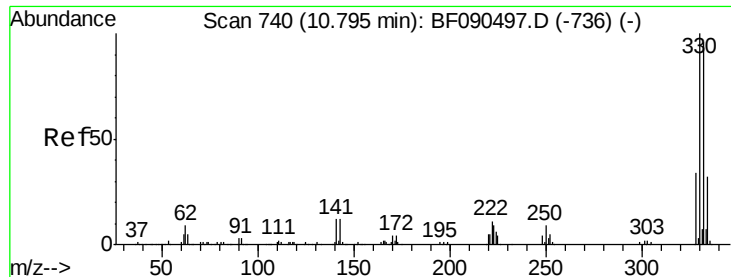
Tot Ion:142 Resp: 69645
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.8
115 29.5 28.8 43.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

Tgt Ion:164 Resp: 472324
Ion Ratio Lower Upper
164 100
162 102.3 80.1 120.1
160 45.5 36.3 54.5

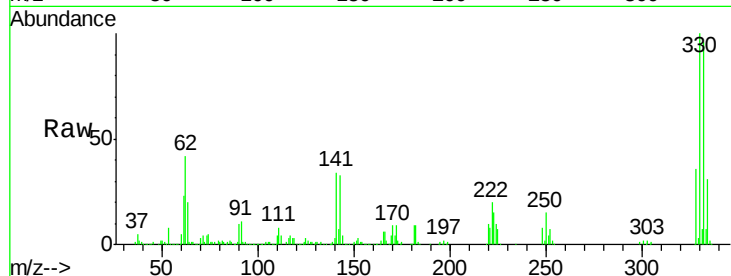




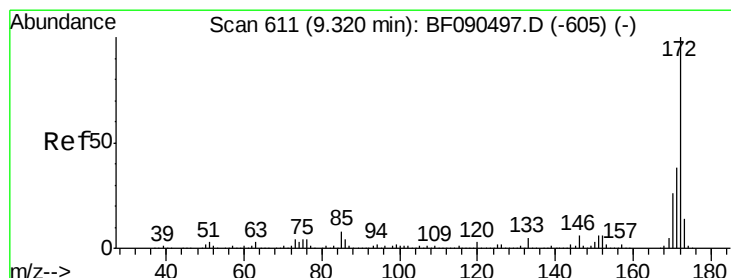
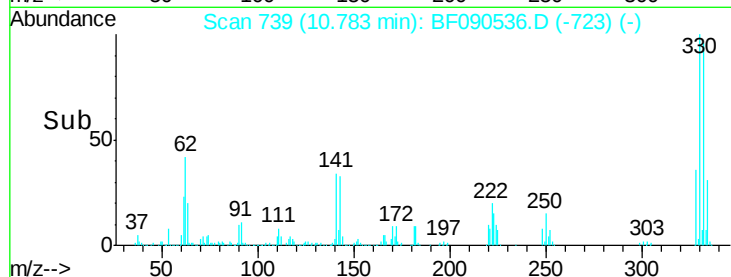
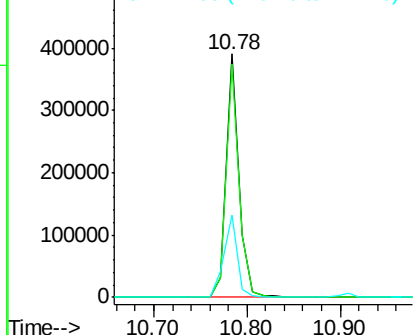
#41
 2,4,6-Tribromophenol
 Concen: 79.22 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090536.D
 Acq: 12 Oct 2016 15:37

Instrument :
 BNA_F
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 AOU2-MW3T-100716

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	36.3	26.9	40.3

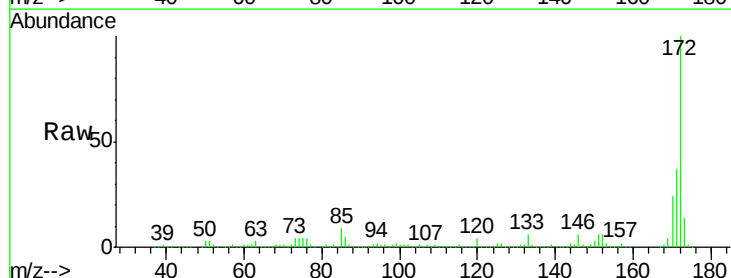


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

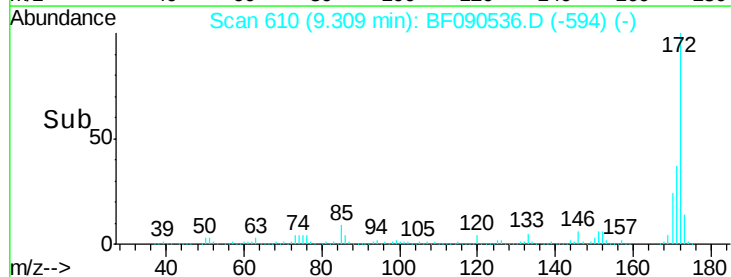
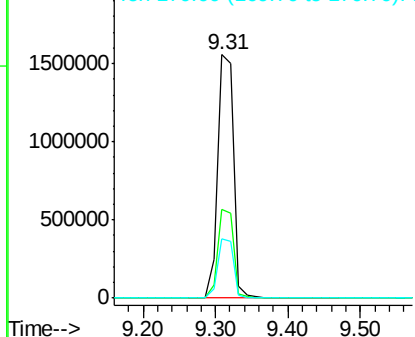


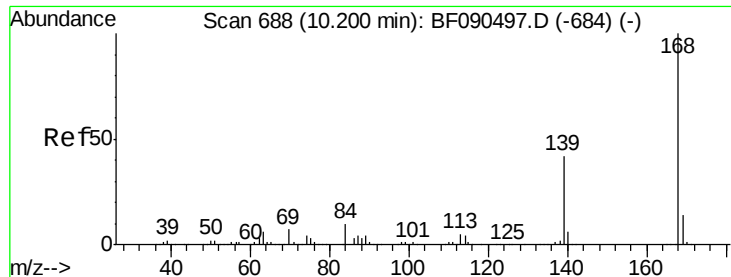
#44
 2-Fluorobiphenyl
 Concen: 83.97 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF090536.D
 Acq: 12 Oct 2016 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.8	47.8
170	24.4	21.7	32.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

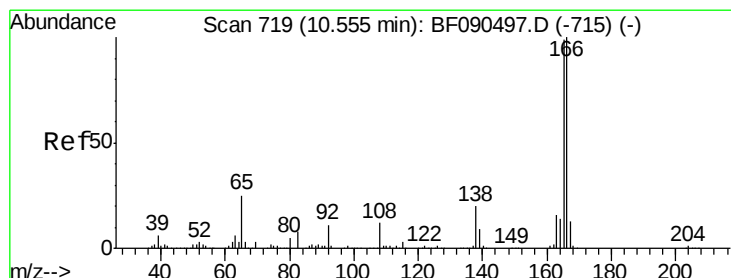
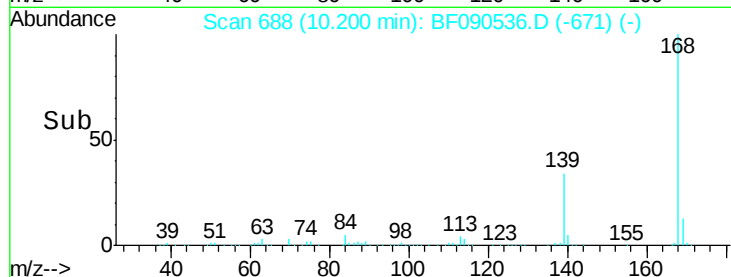
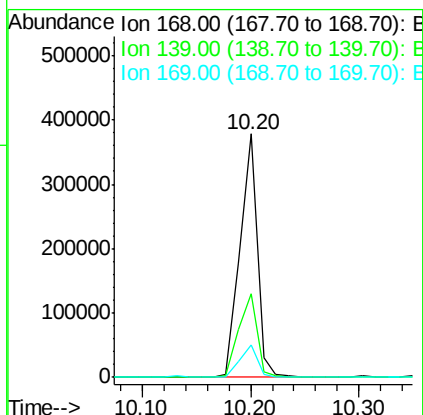
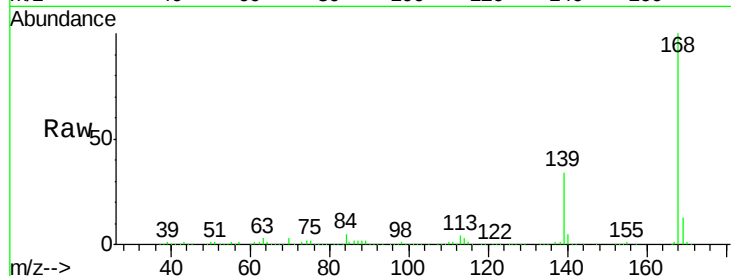




#54
Dibenzenofuran
Concen: 10.59 ng
RT: 10.20 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

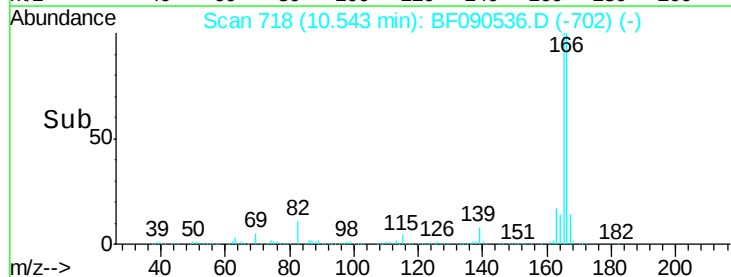
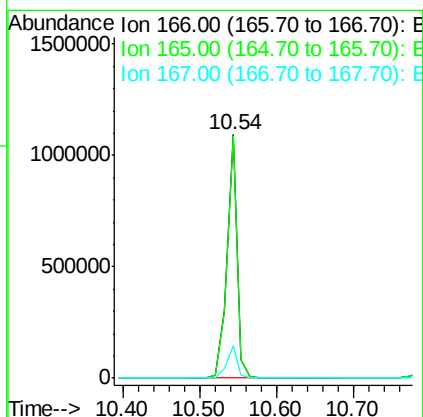
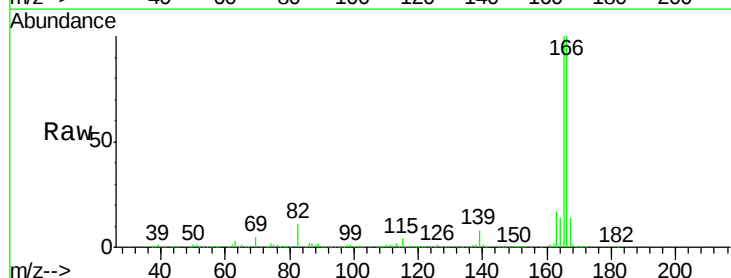
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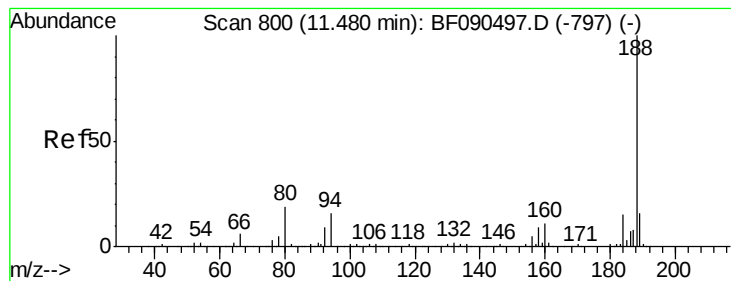
Tot Ion:168 Resp: 409031
Ion Ratio Lower Upper
168 100
139 34.3 29.6 44.4
169 13.1 11.3 16.9



#57
Fluorene
Concen: 32.77 ng
RT: 10.54 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

Tgt Ion:166 Resp: 1033050
Ion Ratio Lower Upper
166 100
165 99.7 79.2 118.8
167 13.6 11.1 16.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF090536.D

Acq: 12 Oct 2016 15:37

Instrument :

BNA_F

ClientSampleId :

AOU2-MW3T-100716

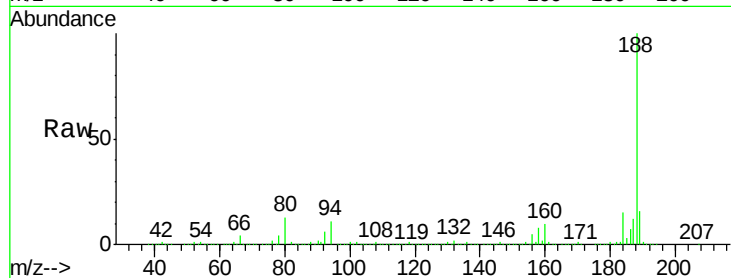
Tot Ion:188 Resp: 788779

Ion Ratio Lower Upper

188 100

94 11.1 8.2 12.2

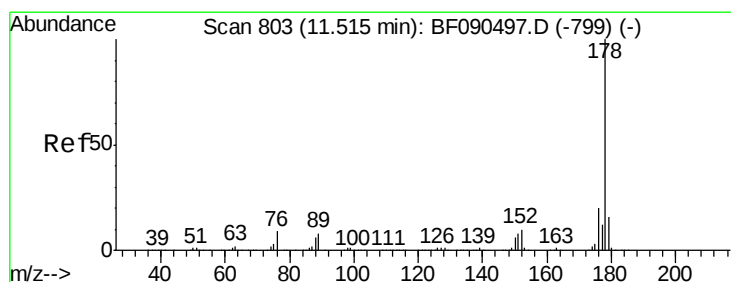
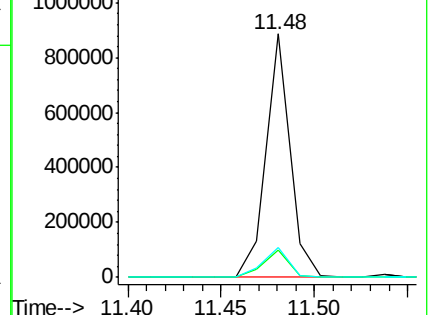
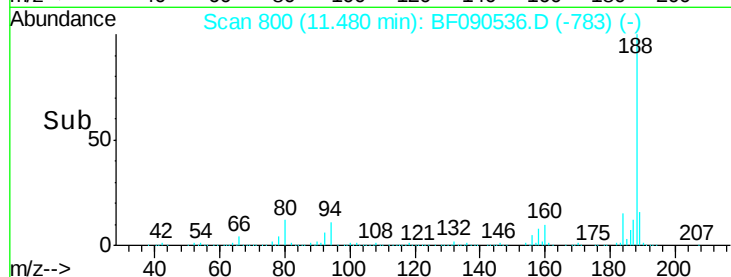
80 12.5 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 13.95 ng

RT: 11.50 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF090536.D

Acq: 12 Oct 2016 15:37

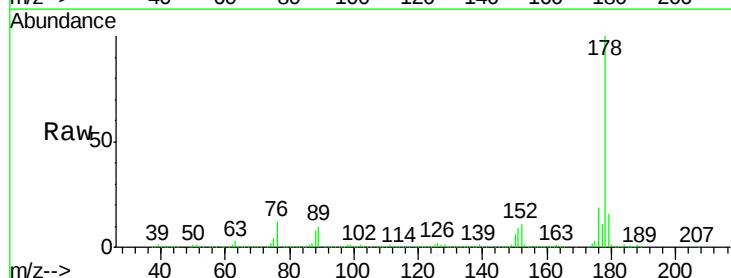
Tgt Ion:178 Resp: 606382

Ion Ratio Lower Upper

178 100

176 19.3 17.3 25.9

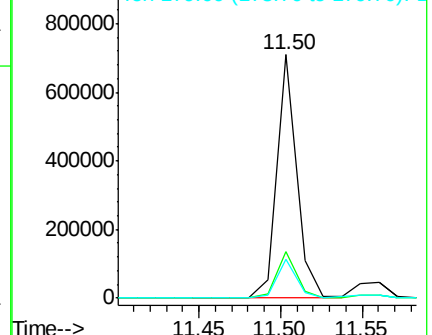
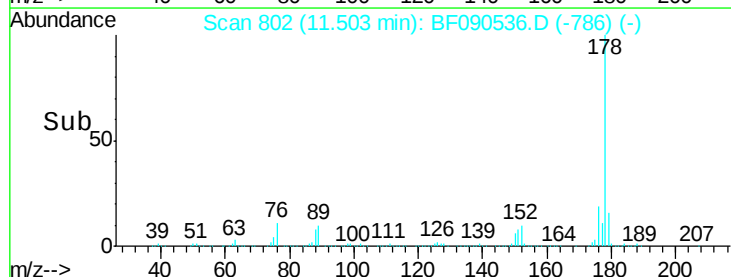
179 15.8 13.8 20.6

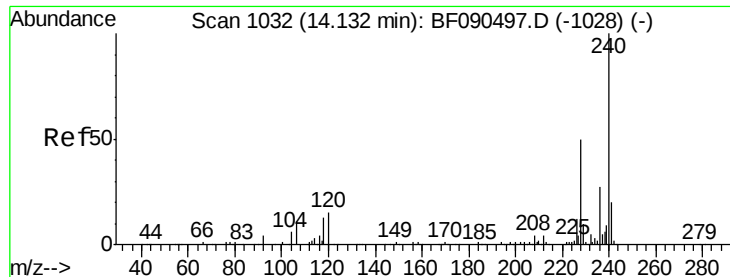


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF090536.D

Acq: 12 Oct 2016 15:37

Instrument :

BNA_F

ClientSampleId :

AOU2-MW3T-100716

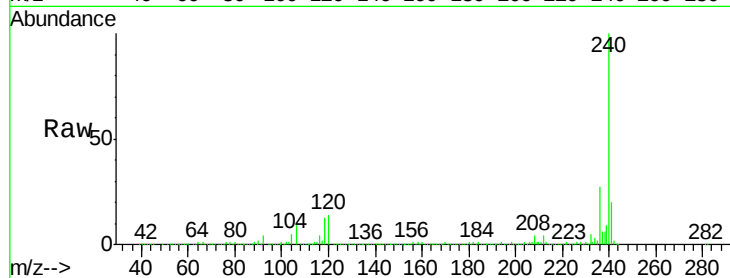
Tot Ion:240 Resp: 651379

Ion Ratio Lower Upper

240 100

120 14.1 8.6 13.0#

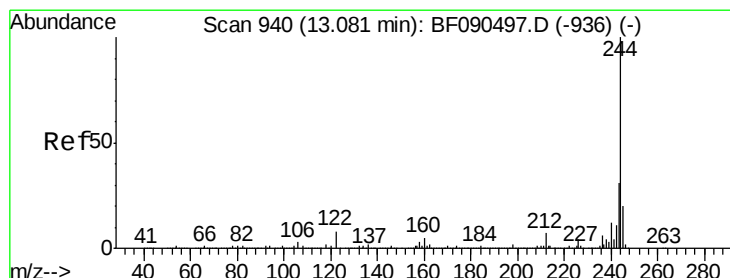
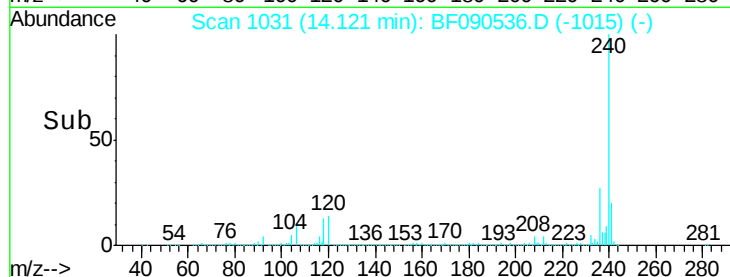
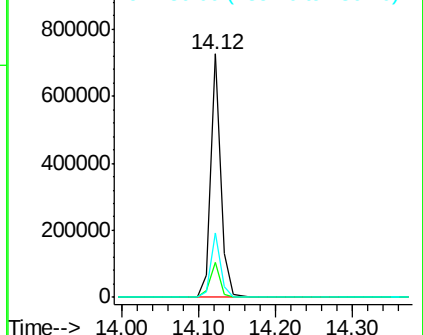
236 26.5 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 82.60 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090536.D

Acq: 12 Oct 2016 15:37

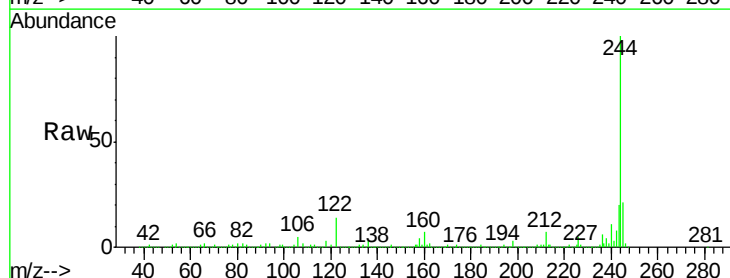
Tgt Ion:244 Resp: 2201672

Ion Ratio Lower Upper

244 100

212 7.4 6.8 10.2

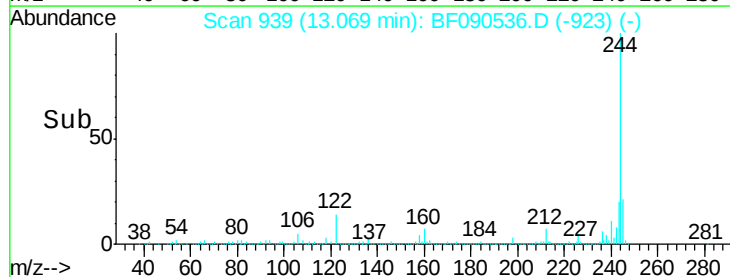
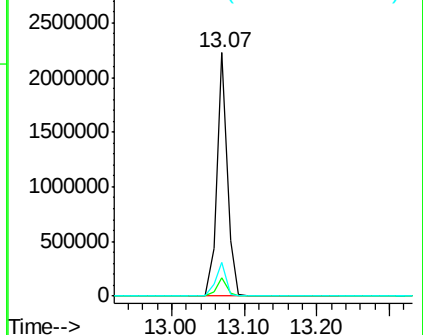
122 13.8 13.3 19.9

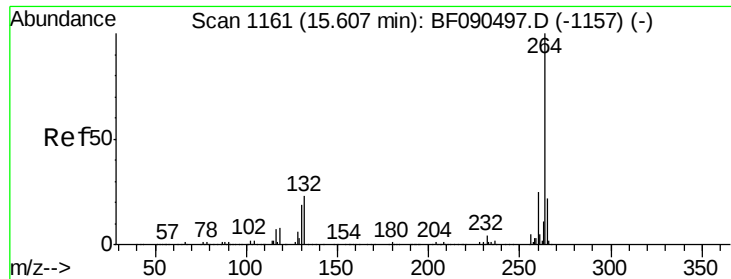


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF090536.D
 Acq: 12 Oct 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-MW3T-100716

Tot Ion: 264 Resp: 445781
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.3 28.9
 265 21.9 17.4 26.0

