

Data Path : Z:\HPCHEM1\BNA F\Data\BF101216\
 Data File : BF090534.D
 Acq On : 12 Oct 2016 14:43
 Operator : UM/SJ
 Sample : H5153-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-MW1-100716

Quant Time: Oct 12 15:51:49 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

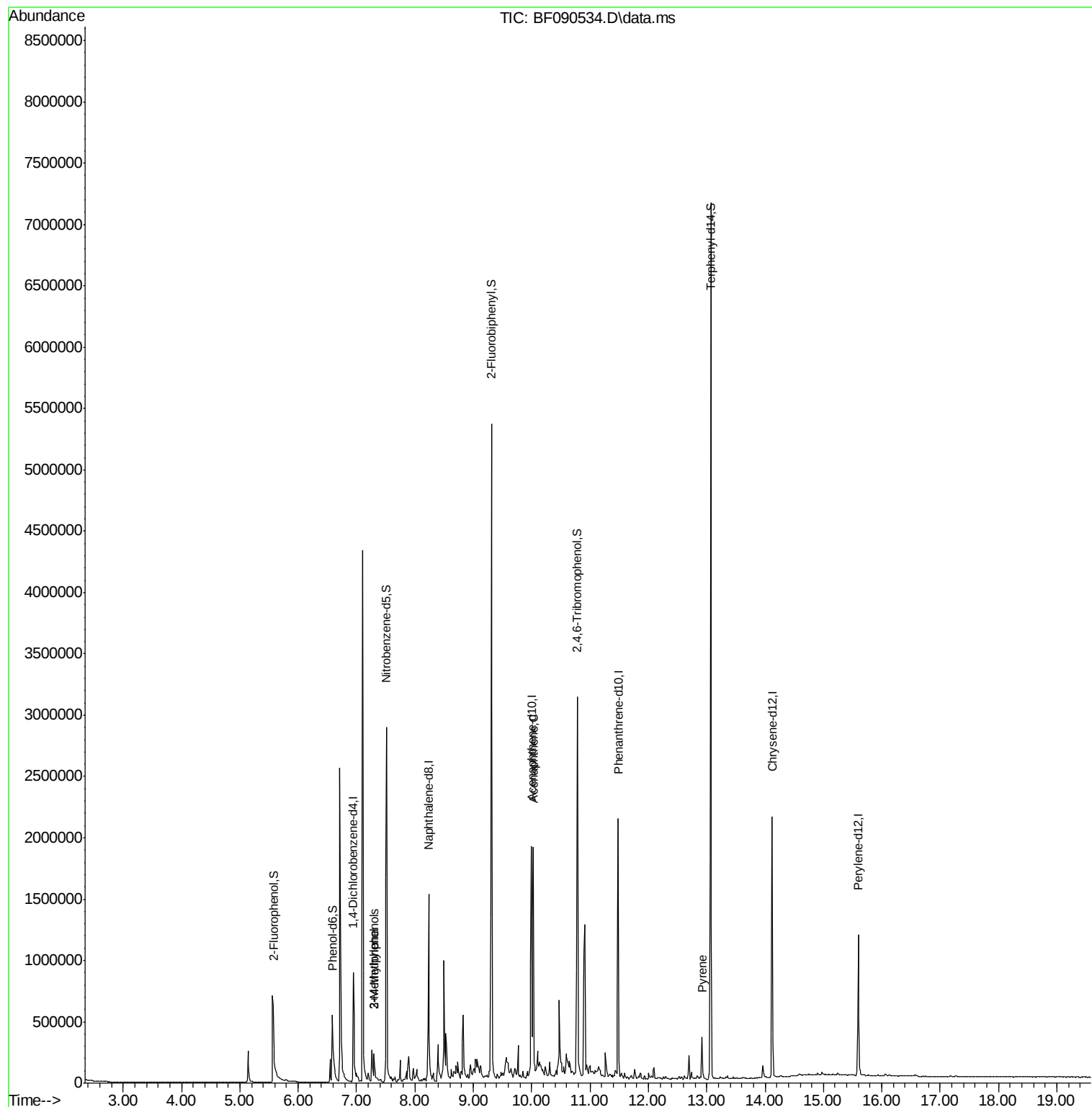
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.943	152	206273	20.00	ng	-0.01
21) Naphthalene-d8	8.235	136	867262	20.00	ng	-0.01
38) Acenaphthene-d10	9.995	164	466714	20.00	ng	-0.01
63) Phenanthrene-d10	11.481	188	784221	20.00	ng	0.00
75) Chrysene-d12	14.121	240	658420	20.00	ng	-0.01
86) Perylene-d12	15.595	264	500676	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.571	112	499394	37.66	ng	0.01
7) Phenol-d6	6.589	99	458222	27.39	ng	0.00
23) Nitrobenzene-d5	7.515	82	1347561	84.28	ng	0.00
41) 2,4,6-Tribromophenol	10.783	330	391450	84.61	ng	-0.01
44) 2-Fluorobiphenyl	9.309	172	2428198	87.43	ng	-0.01
78) Terphenyl-d14	13.069	244	2350974	87.26	ng	-0.01
Target Compounds						Qvalue
17) 2-Methylphenol	7.297	107	70634	6.16	ng	# 19
20) 3+4-Methylphenols	7.297	107	82327	5.67	ng	# 34
51) Acenaphthene	10.029	154	540324	18.84	ng	98
77) Pyrene	12.921	202	131003	3.18	ng	95

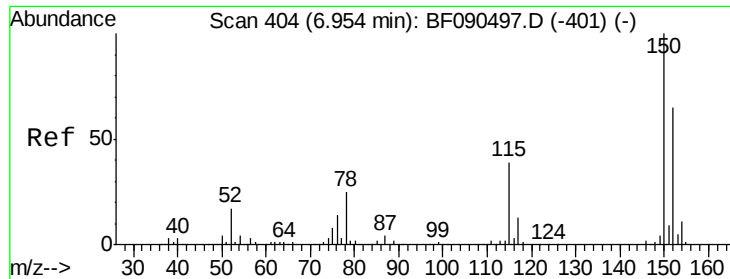
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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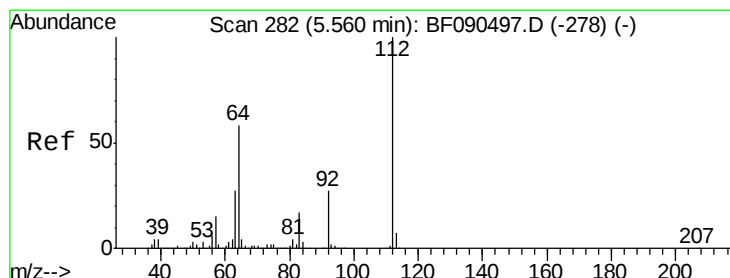
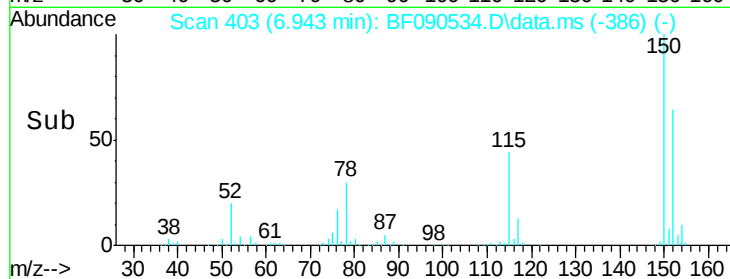
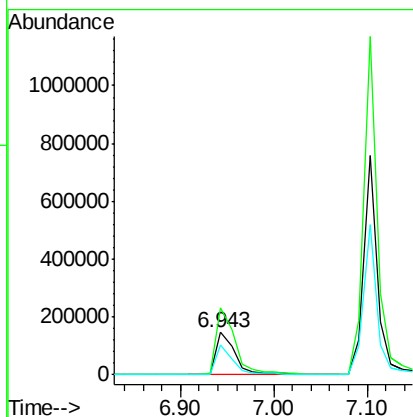
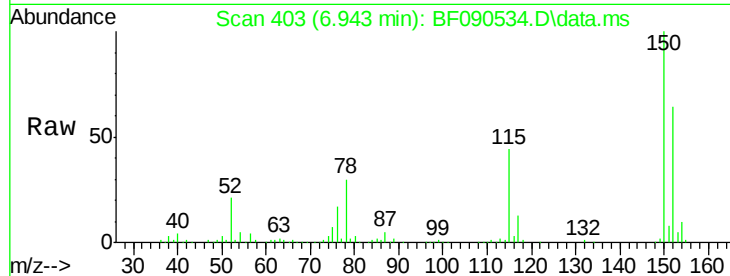




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.943 min Scan# 40
 Delta R.T. -0.011 min
 Lab File: BF090534.D
 Acq: 12 Oct 2016 14:43

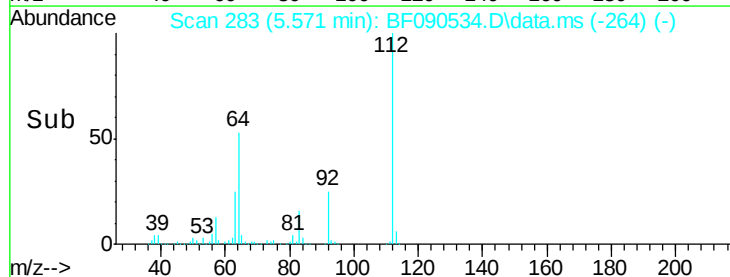
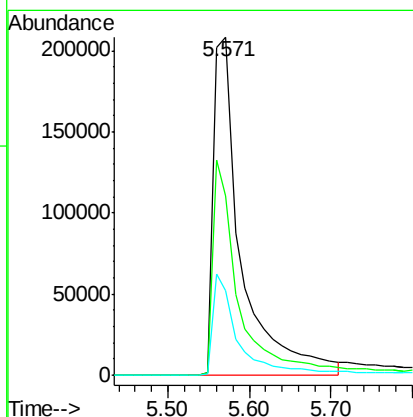
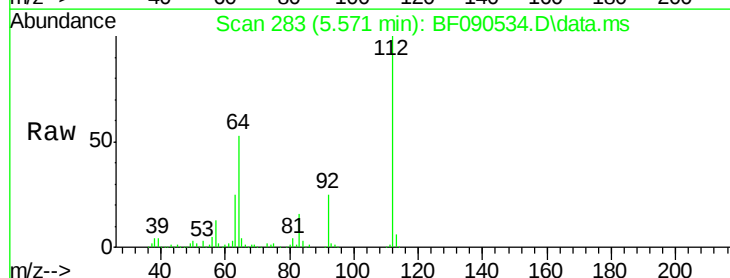
Instrument :
 BNA_F
 ClientSampleId :
 AOU2-MW1-100716

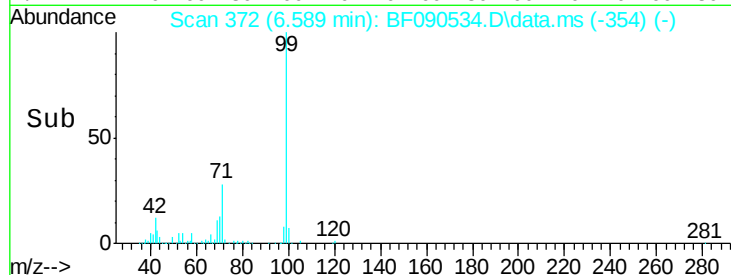
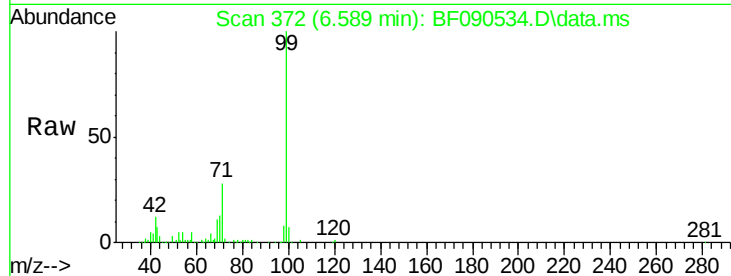
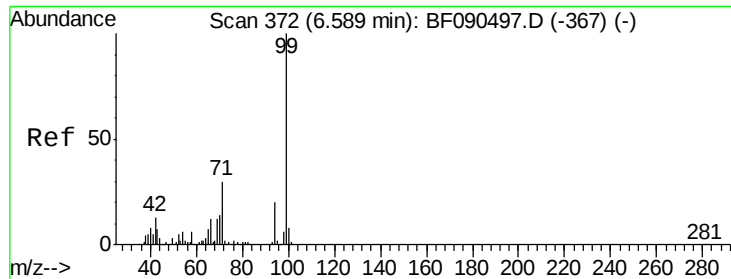
Tot Ion:152 Resp: 206273
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 68.8 46.2 69.4



#5
 2-Fluorophenol
 Concen: 37.66 ng
 RT: 5.571 min Scan# 283
 Delta R.T. 0.012 min
 Lab File: BF090534.D
 Acq: 12 Oct 2016 14:43

Tgt Ion:112 Resp: 499394
 Ion Ratio Lower Upper
 112 100
 64 52.9 57.9 86.9#
 63 25.2 29.6 44.4#





#7

Phenol-d6

Concen: 27.39 ng

RT: 6.589 min Scan# 37

Delta R.T. 0.000 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Instrument :

BNA_F

ClientSampleId :

AOU2-MW1-100716

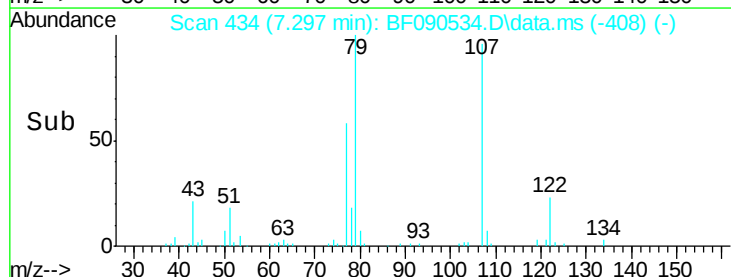
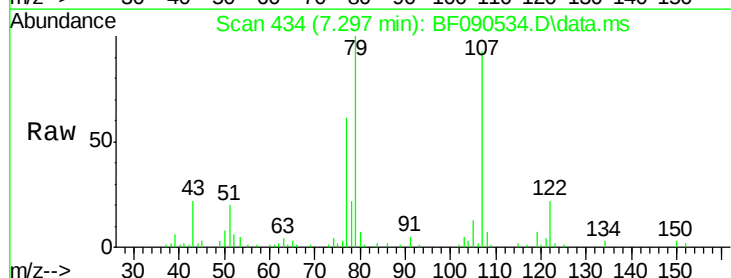
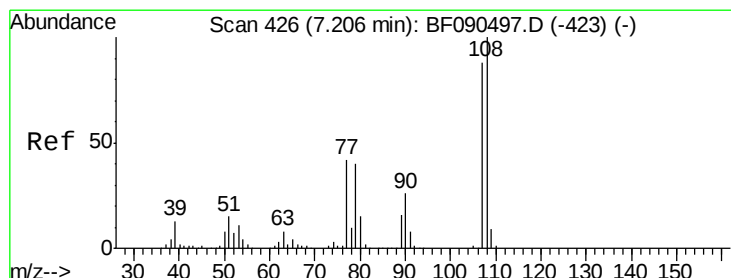
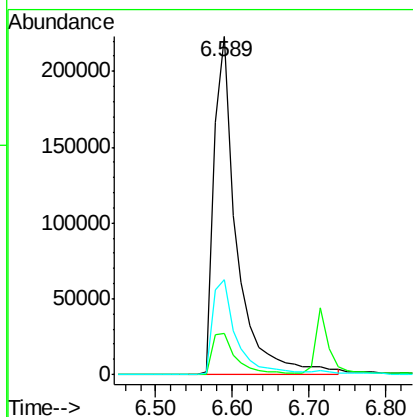
Tot Ion: 99 Resp: 458222

Ion Ratio Lower Upper

99 100

42 12.2 20.0 30.0#

71 28.1 27.9 41.9



#17

2-Methylphenol

Concen: 6.16 ng

RT: 7.297 min Scan# 434

Delta R.T. 0.092 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Tgt Ion: 107 Resp: 70634

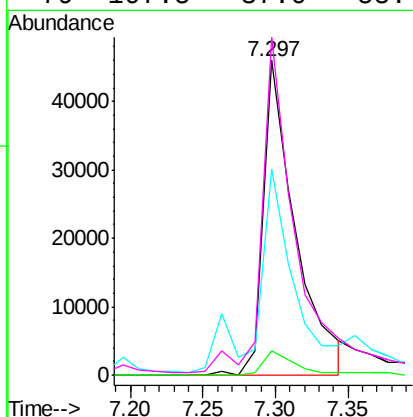
Ion Ratio Lower Upper

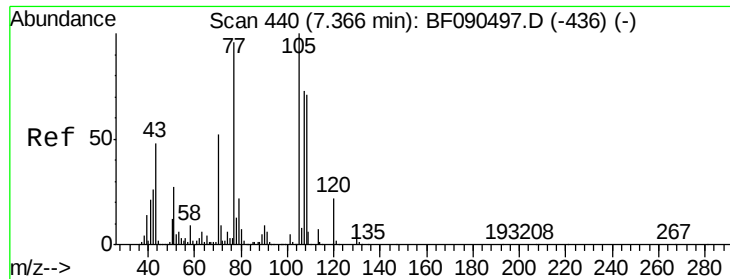
107 100

108 7.6 90.9 136.3#

77 65.7 38.2 57.4#

79 107.5 37.0 55.4#





#20

3+4-Methylphenols

Concen: 5.67 ng

RT: 7.297 min Scan# 43

Delta R.T. -0.068 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Instrument :

BNA_F

ClientSampleId :

AOU2-MW1-100716

Tot Ion:107 Resp: 82327

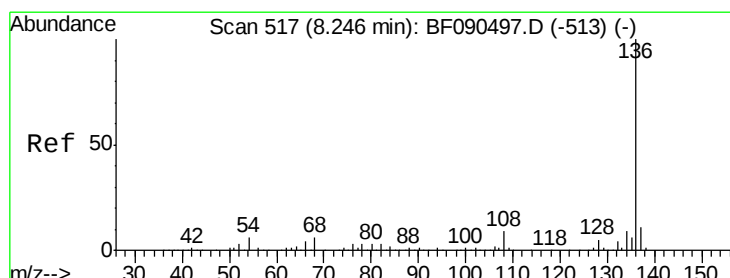
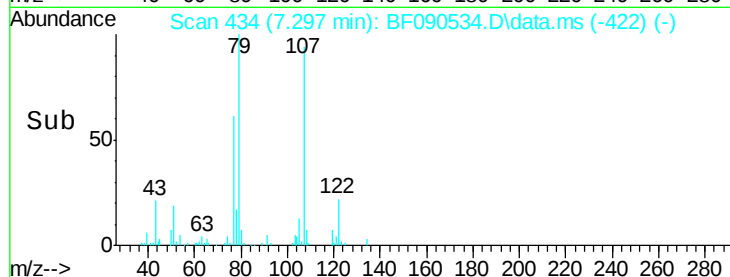
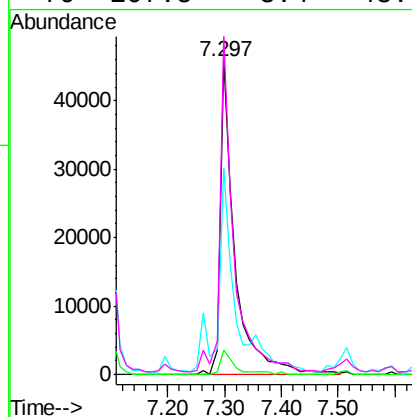
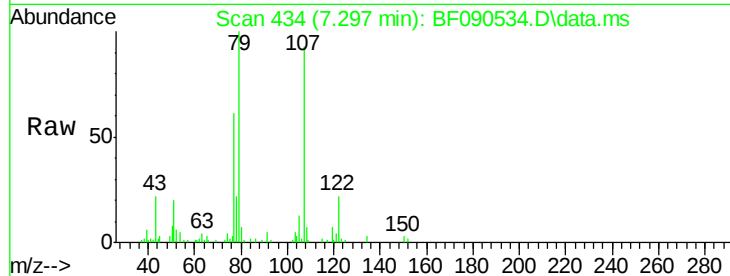
Ion Ratio Lower Upper

107 100

108 7.6 66.7 106.7#

77 65.7 53.7 93.7

79 107.5 8.4 48.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.235 min Scan# 516

Delta R.T. -0.011 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Tgt Ion:136 Resp: 867262

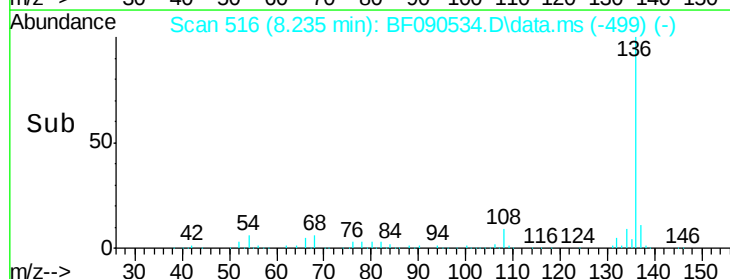
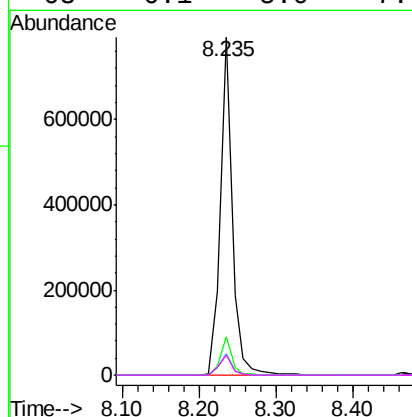
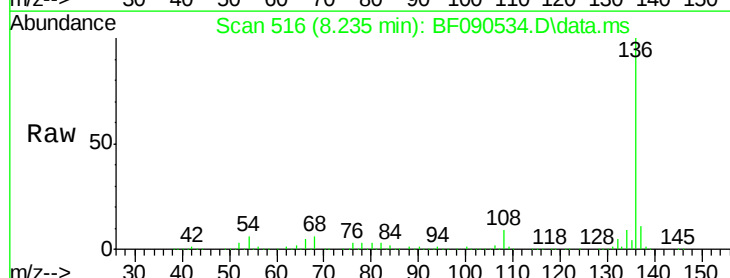
Ion Ratio Lower Upper

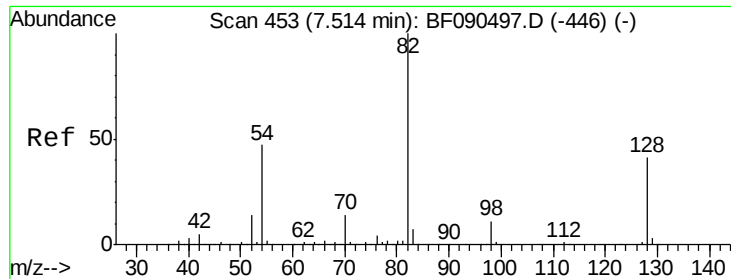
136 100

137 11.3 9.0 13.6

54 6.4 6.6 10.0#

68 6.1 5.0 7.6

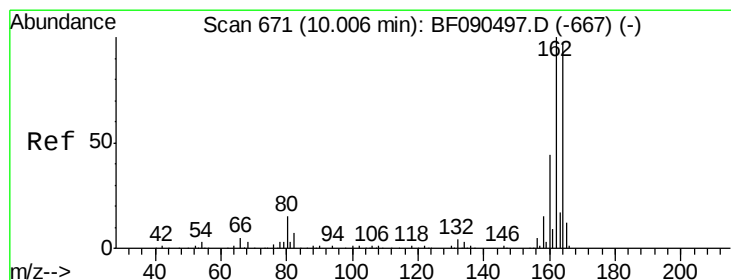
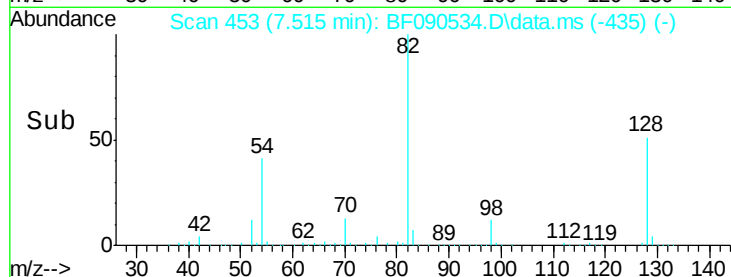
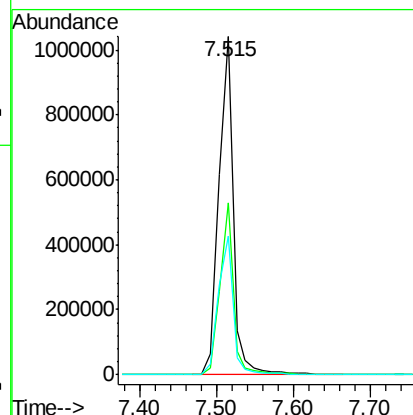
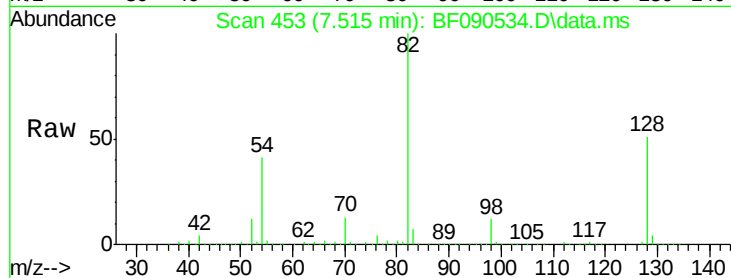




#23
Nitrobenzene-d5
Concen: 84.28 ng
RT: 7.515 min Scan# 45
Delta R.T. 0.000 min
Lab File: BF090534.D
Acq: 12 Oct 2016 14:43

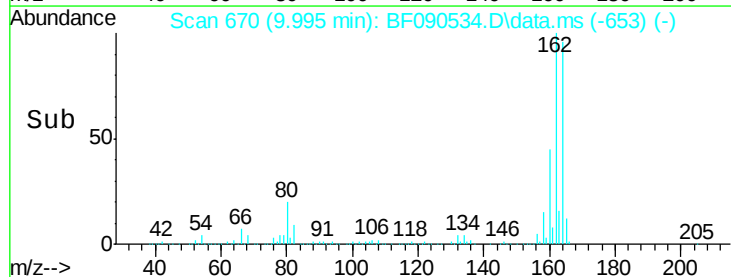
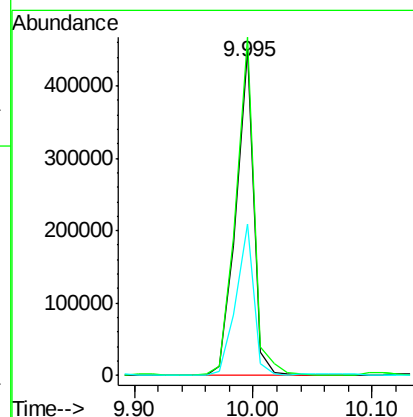
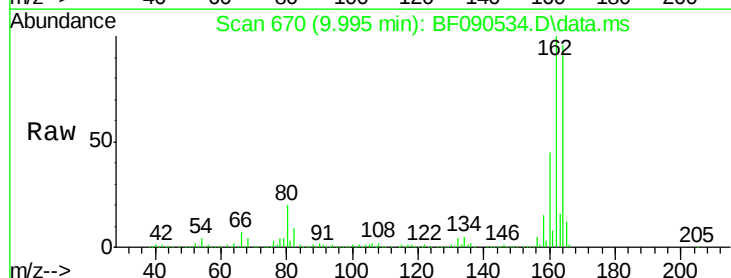
Instrument :
BNA_F
ClientSampleId :
AOU2-MW1-100716

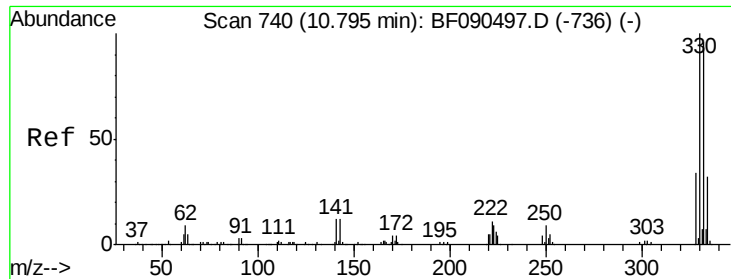
Tot Ion: 82 Resp: 1347561
Ion Ratio Lower Upper
82 100
128 50.6 40.0 60.0
54 41.1 42.6 64.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.995 min Scan# 670
Delta R.T. -0.011 min
Lab File: BF090534.D
Acq: 12 Oct 2016 14:43

Tgt Ion:164 Resp: 466714
Ion Ratio Lower Upper
164 100
162 104.0 80.1 120.1
160 46.6 36.3 54.5

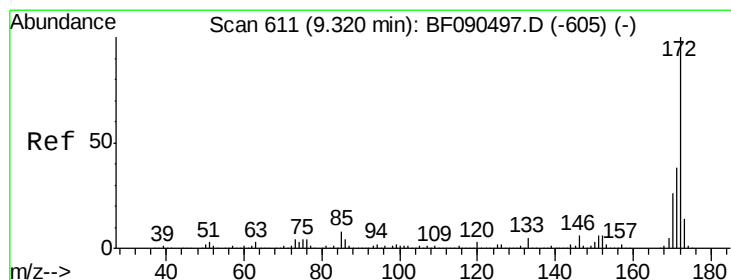
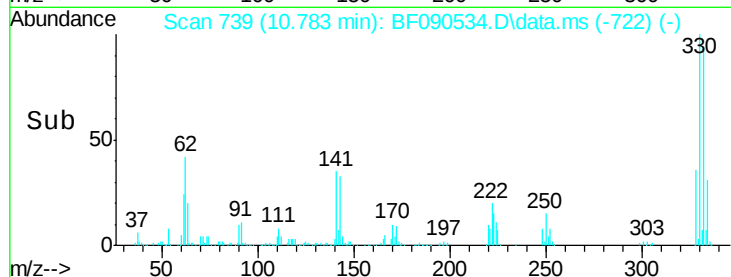
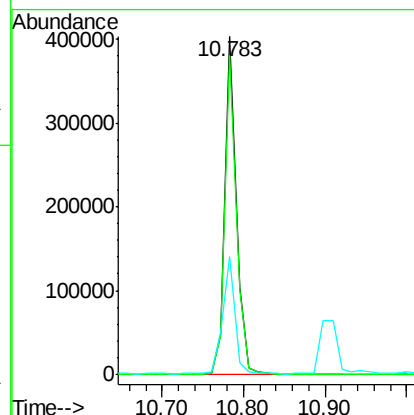
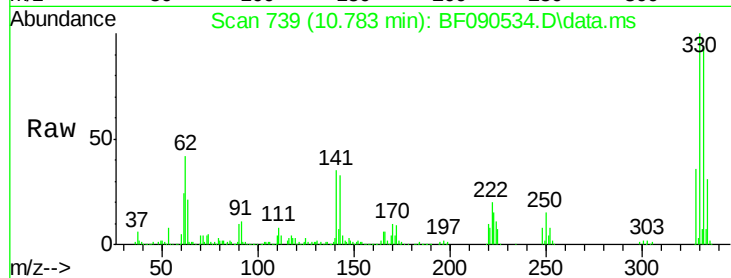




#41
 2,4,6-Tribromophenol
 Concen: 84.61 ng
 RT: 10.783 min Scan# 73
 Delta R.T. -0.011 min
 Lab File: BF090534.D
 Acq: 12 Oct 2016 14:43

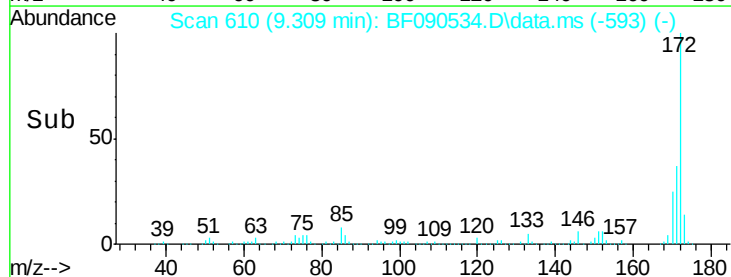
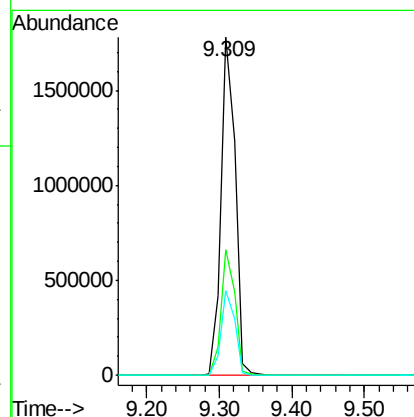
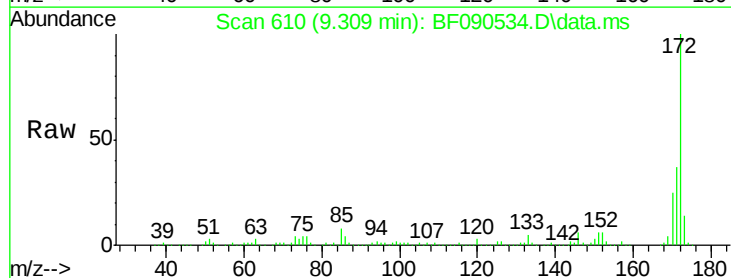
Instrument :
 BNA_F
 ClientSampleId :
 AOU2-MW1-100716

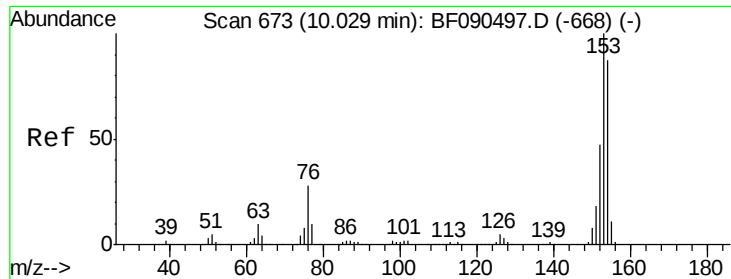
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.0
141	37.1	26.9	40.3



#44
 2-Fluorobiphenyl
 Concen: 87.43 ng
 RT: 9.309 min Scan# 610
 Delta R.T. -0.011 min
 Lab File: BF090534.D
 Acq: 12 Oct 2016 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.8	47.8
170	25.0	21.7	32.5





#51

Acenaphthene

Concen: 18.84 ng

RT: 10.029 min Scan# 67

Delta R.T. 0.000 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Instrument :

BNA_F

ClientSampleId :

AOU2-MW1-100716

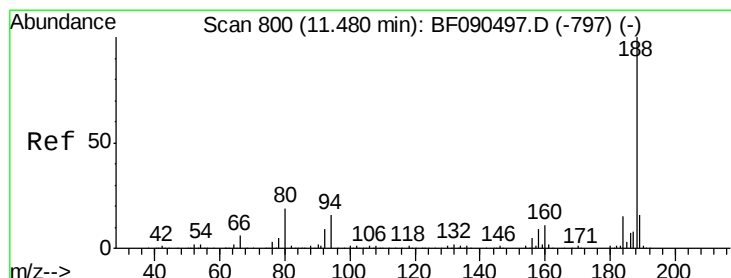
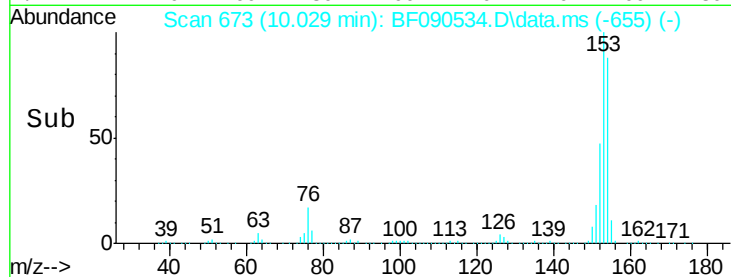
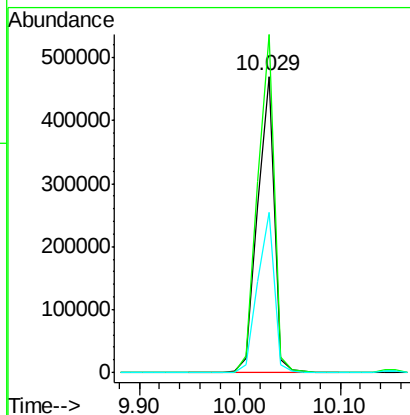
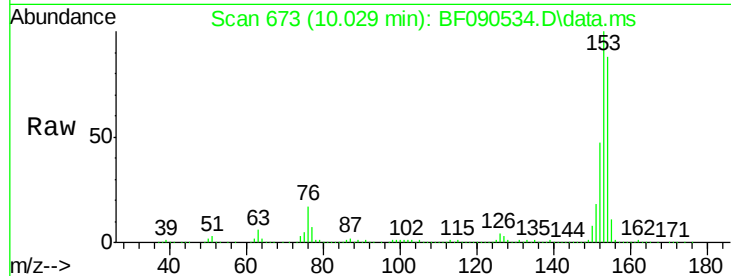
Tot Ion:154 Resp: 540324

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

152 54.1 42.6 64.0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.481 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

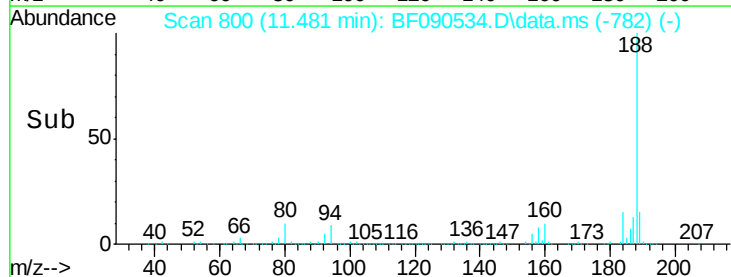
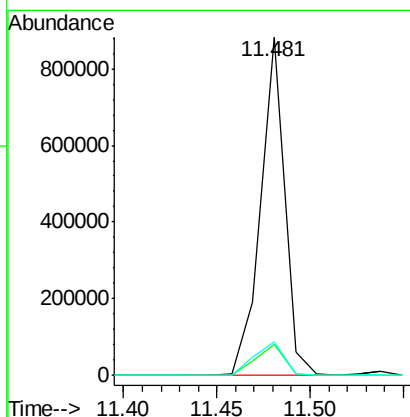
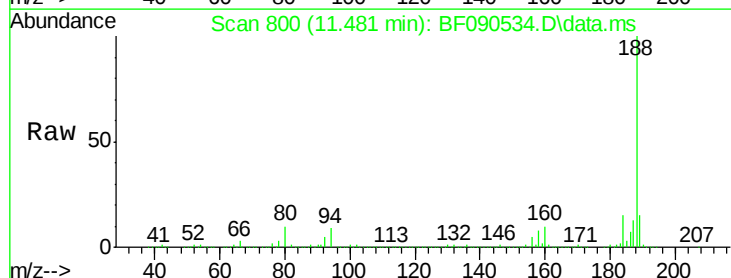
Tgt Ion:188 Resp: 784221

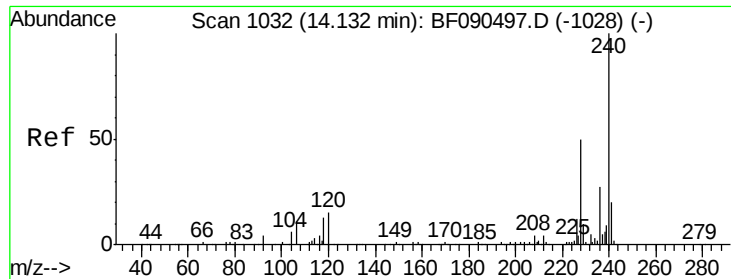
Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

80 10.0 8.8 13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.121 min Scan# 10

Delta R.T. -0.011 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Instrument :

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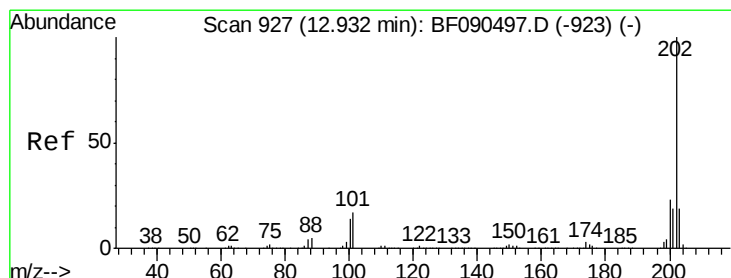
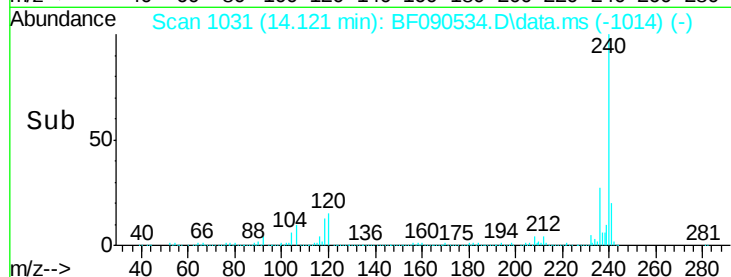
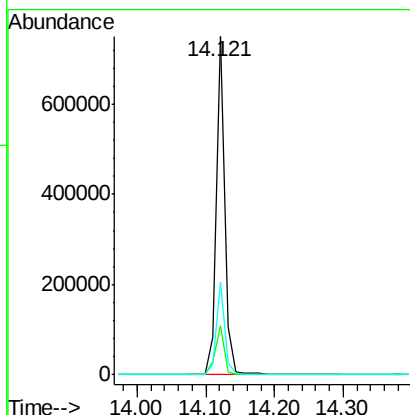
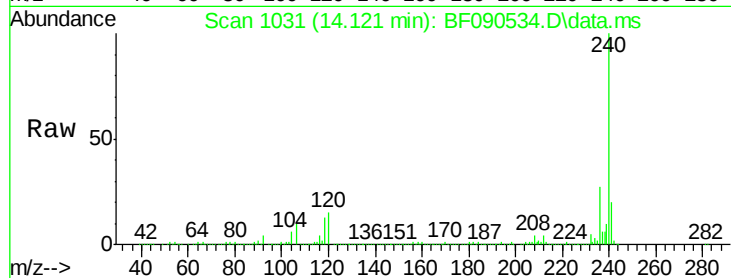
Tot Ion:240 Resp: 658420

Ion Ratio Lower Upper

240 100

120 14.6 8.6 13.0#

236 27.3 21.6 32.4



#77

Pyrene

Concen: 3.18 ng

RT: 12.921 min Scan# 926

Delta R.T. -0.011 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

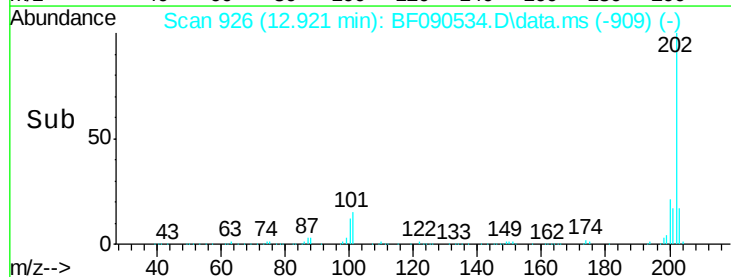
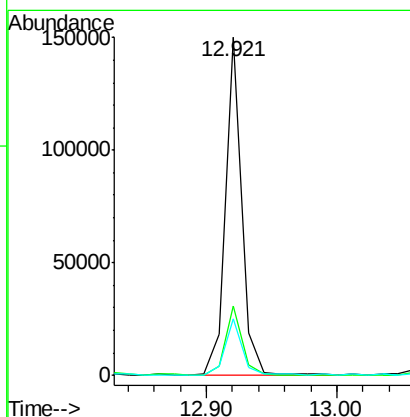
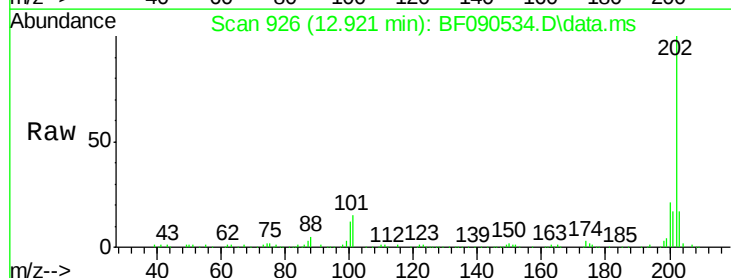
Tgt Ion:202 Resp: 131003

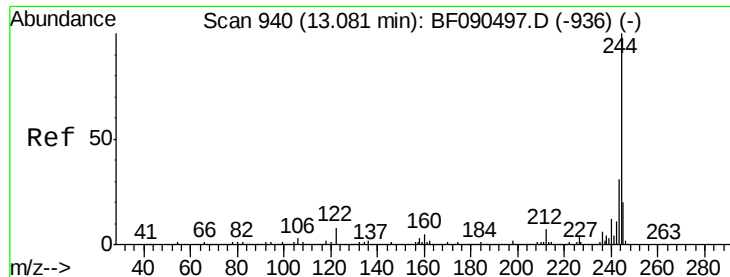
Ion Ratio Lower Upper

202 100

200 20.7 18.5 27.7

203 16.6 15.0 22.6





#78

Terphenyl-d14

Concen: 87.26 ng

RT: 13.069 min Scan# 93

Delta R.T. -0.011 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Instrument :

BNA_F

ClientSampleId :

AOU2-MW1-100716

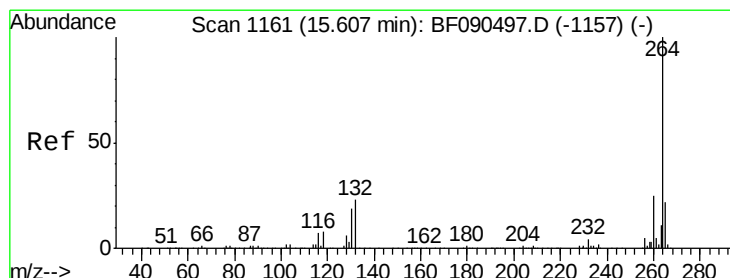
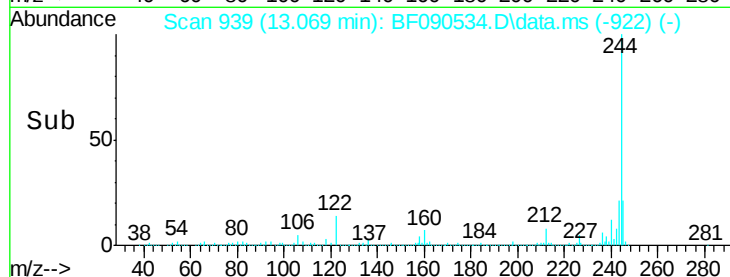
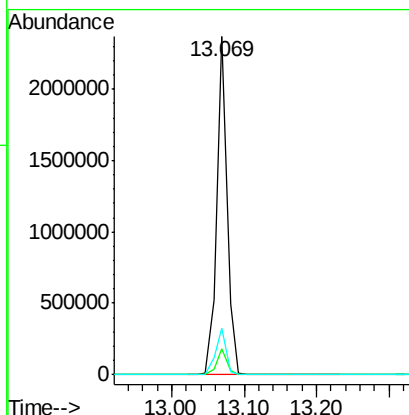
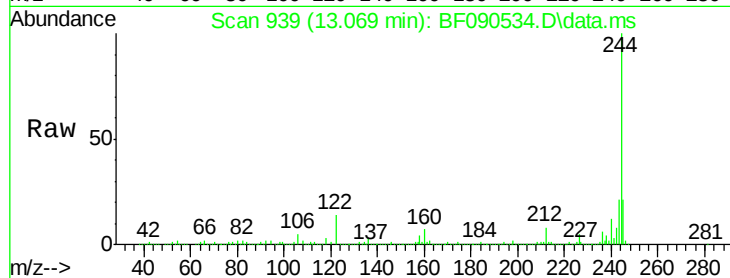
Tot Ion:244 Resp: 2350974

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

122 13.6 13.3 19.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.595 min Scan# 1160

Delta R.T. -0.011 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Tgt Ion:264 Resp: 500676

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 22.1 17.4 26.0

