

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090463.D
 Acq On : 8 Oct 2016 3:14
 Operator : UM/SJ
 Sample : H5107-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

Quant Time: Oct 08 04:22:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

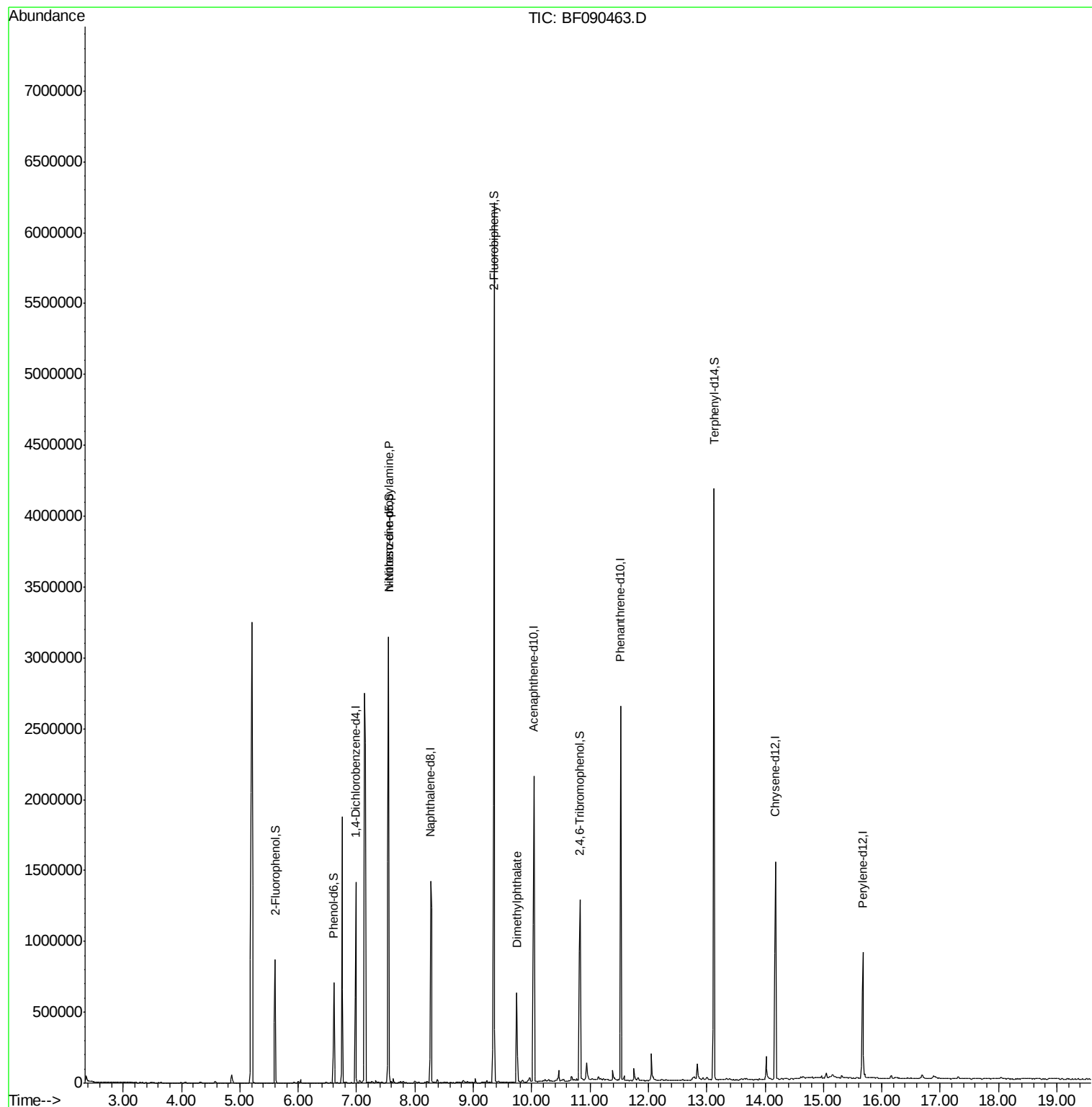
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	229492	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	949711	20.00	ng	-0.02
38) Acenaphthene-d10	10.04	164	537186	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	835956	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	593442	20.00	ng	-0.02
86) Perylene-d12	15.68	264	410349	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	258451	16.81	ng	0.00
7) Phenol-d6	6.61	99	234725	11.66	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1220492	62.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	185971	42.58	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	1933460	59.97	ng	-0.02
78) Terphenyl-d14	13.13	244	1995722	75.61	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.55	70	170346	11.53	ng	Qvalue # 63
49) Dimethylphthalate	9.74	163	261856	7.61	ng	98

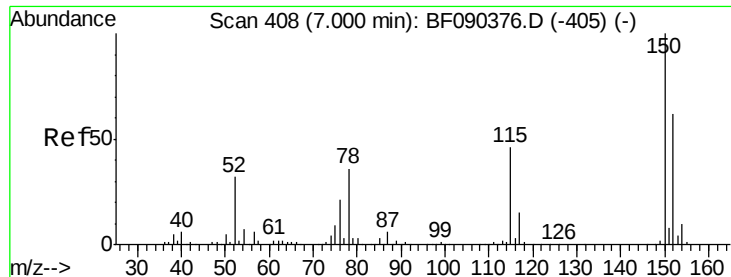
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090463.D
Acq On : 8 Oct 2016 3:14
Operator : UM/SJ
Sample : H5107-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Quant Time: Oct 08 04:22:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

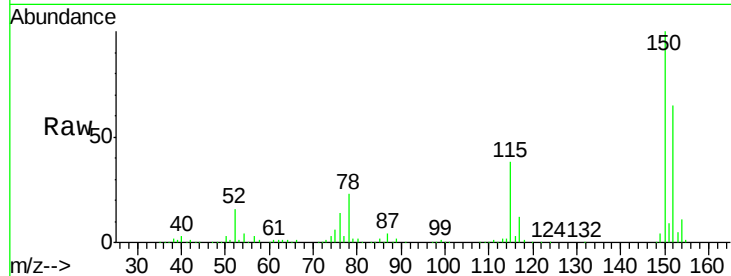




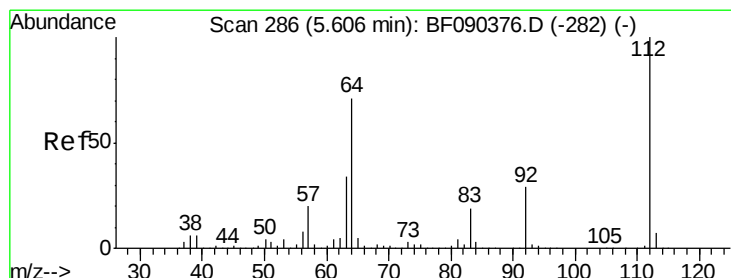
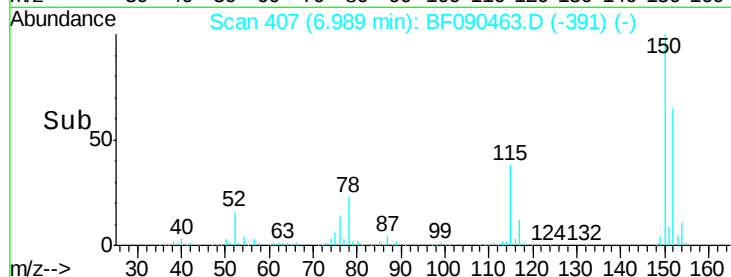
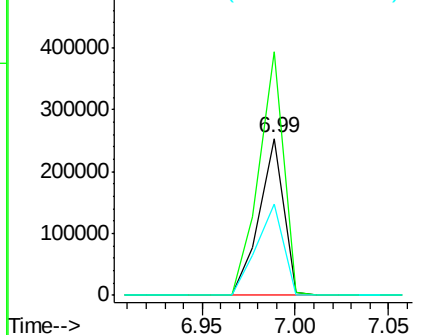
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.99 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF090463.D
 Acq: 8 Oct 2016 3:14

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

Tgt Ion:152 Resp: 229492
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 58.3 46.2 69.4

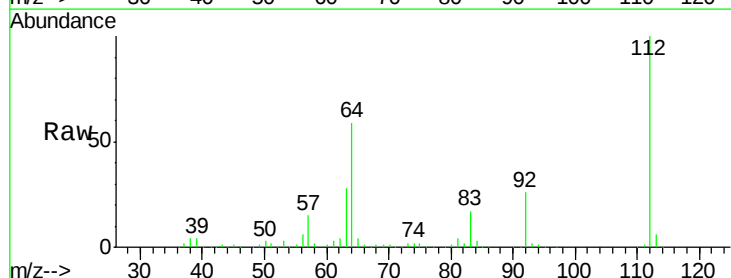


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

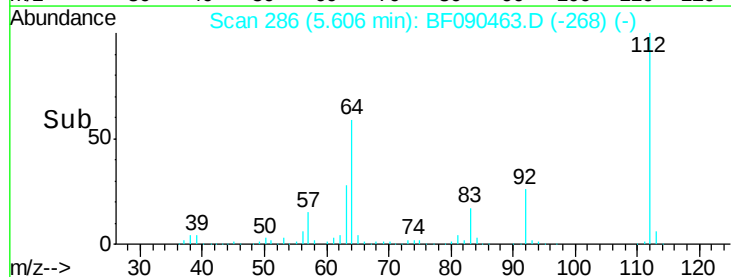
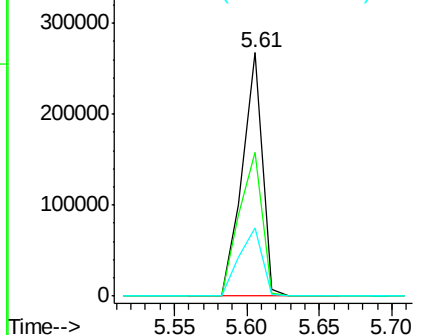


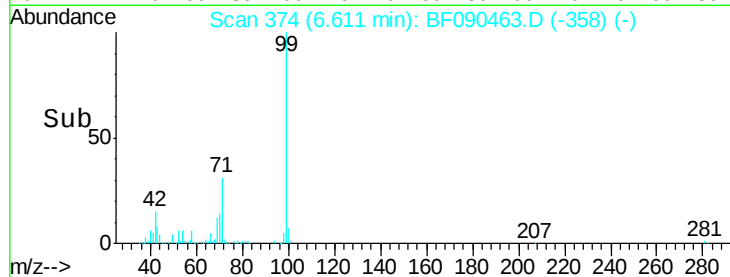
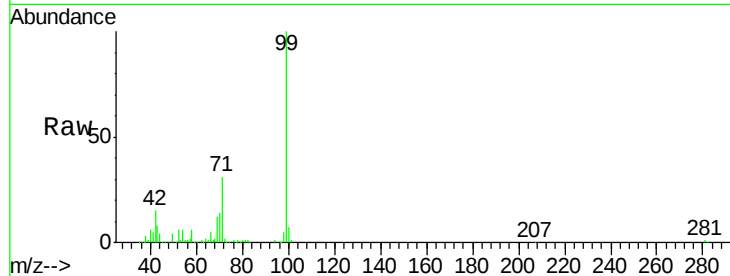
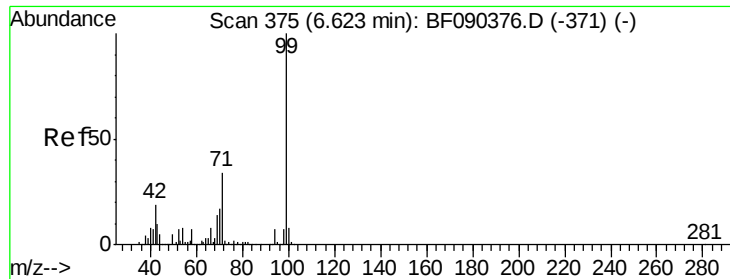
#5
 2-Fluorophenol
 Concen: 16.81 ng
 RT: 5.61 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: BF090463.D
 Acq: 8 Oct 2016 3:14

Tgt Ion:112 Resp: 258451
 Ion Ratio Lower Upper
 112 100
 64 58.8 57.9 86.9
 63 28.2 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





#7

Phenol-d6

Concen: 11.66 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090463.D

Acq: 8 Oct 2016 3:14

Instrument :

BNA_F

ClientSampleId :

RAV-GT-102

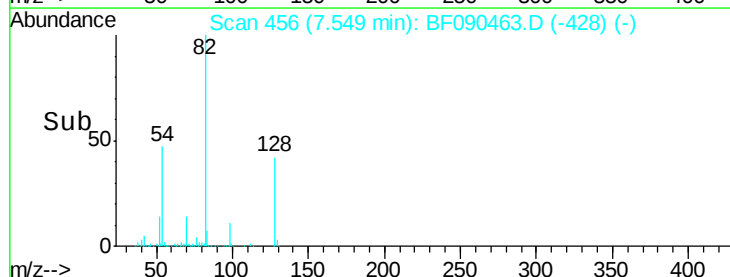
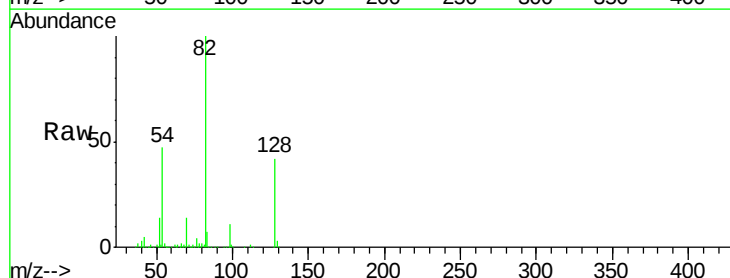
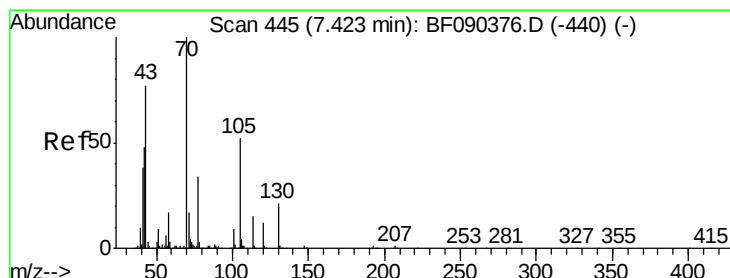
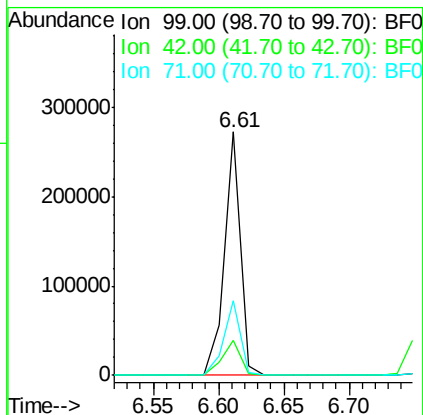
Tgt Ion: 99 Resp: 234725

Ion Ratio Lower Upper

99 100

42 14.5 20.0 30.0#

71 30.7 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 11.53 ng

RT: 7.55 min Scan# 456

Delta R.T. 0.13 min

Lab File: BF090463.D

Acq: 8 Oct 2016 3:14

Tgt Ion: 70 Resp: 170346

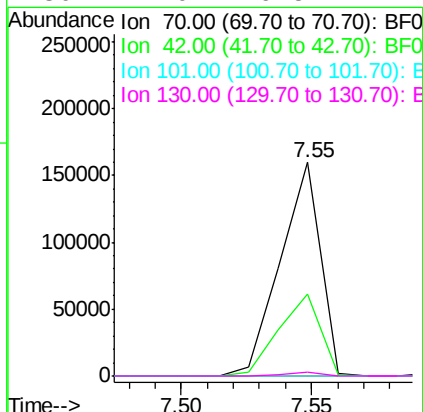
Ion Ratio Lower Upper

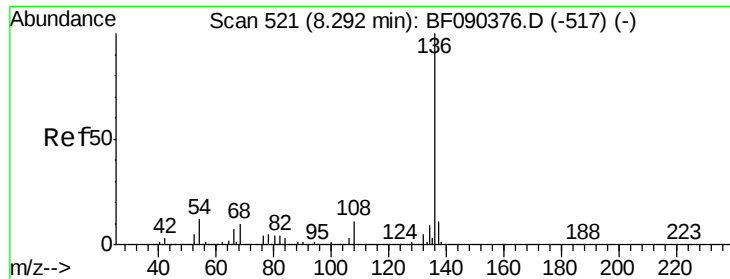
70 100

42 38.4 55.4 83.2#

101 0.0 7.6 11.4#

130 2.0 16.5 24.7#

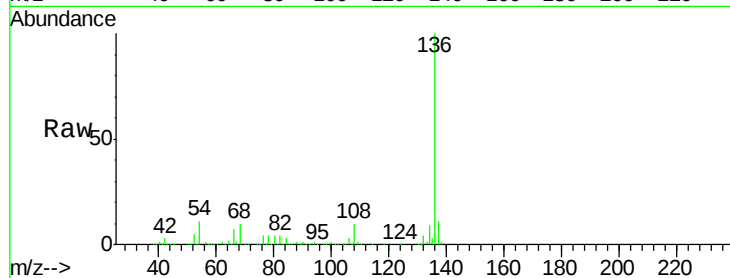




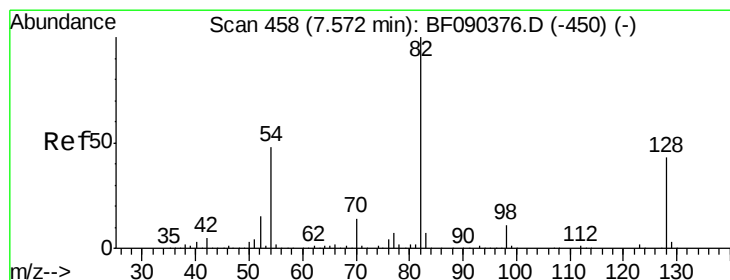
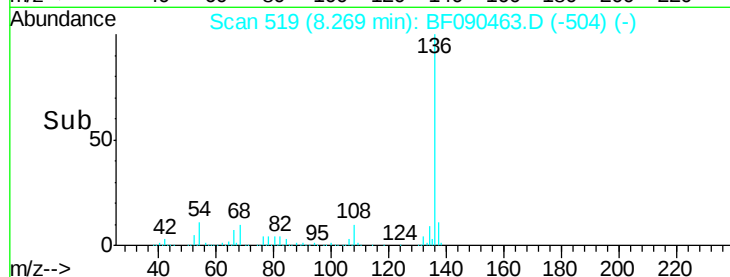
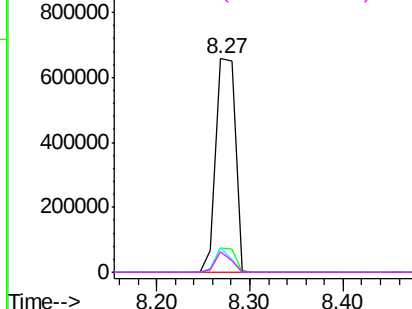
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090463.D
Acq: 8 Oct 2016 3:14

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion:	136	Resp:	949711
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	11.2	6.6	10.0#
68	9.7	5.0	7.6#

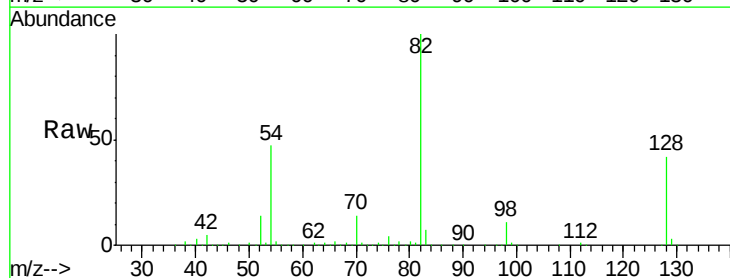


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

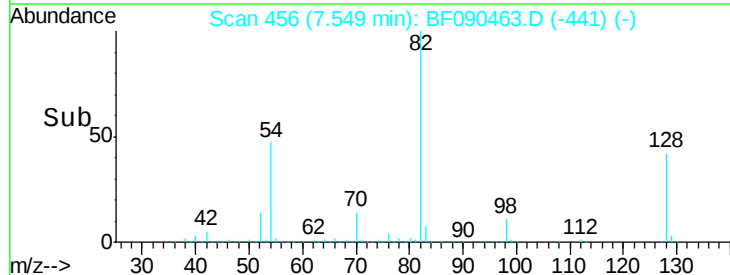
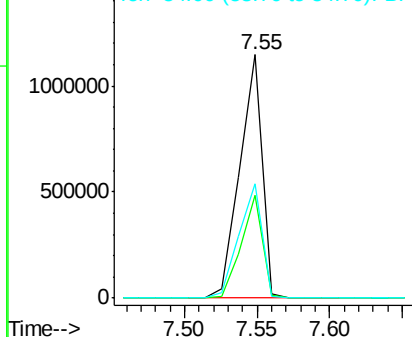


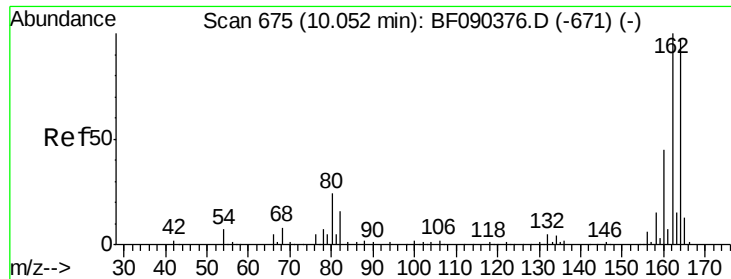
#23
Nitrobenzene-d5
Concen: 62.51 ng
RT: 7.55 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090463.D
Acq: 8 Oct 2016 3:14

Tgt Ion:	82	Resp:	1220492
Ion	Ratio	Lower	Upper
82	100		
128	42.4	40.0	60.0
54	46.7	42.6	64.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

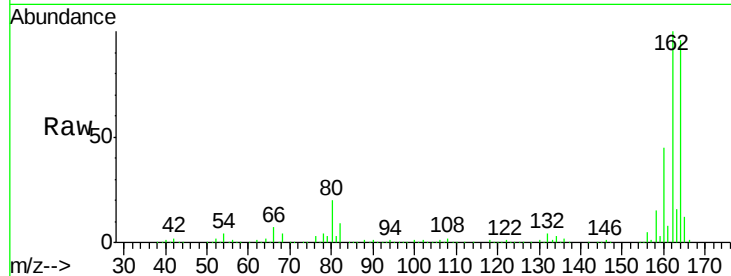




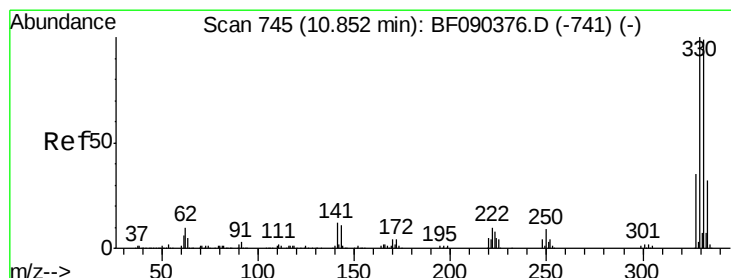
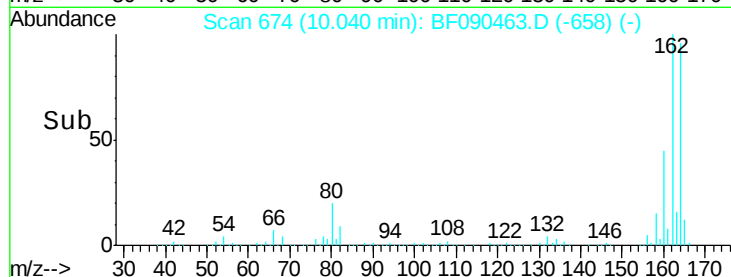
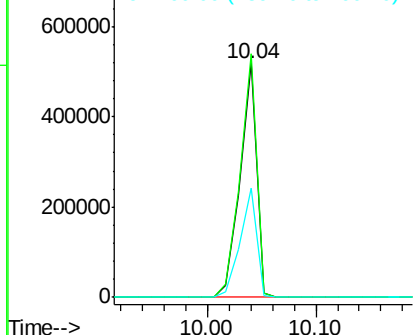
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090463.D
 Acq: 8 Oct 2016 3:14

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

Tgt Ion:164 Resp: 537186
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.1 120.1
 160 46.4 36.3 54.5

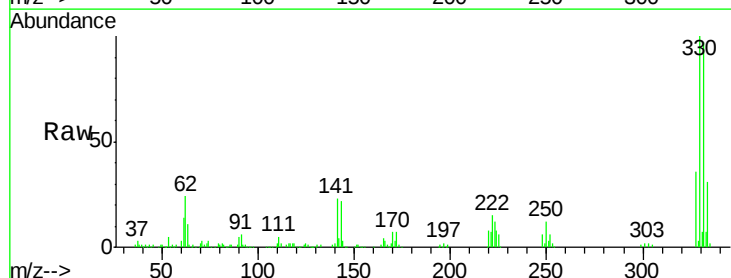


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

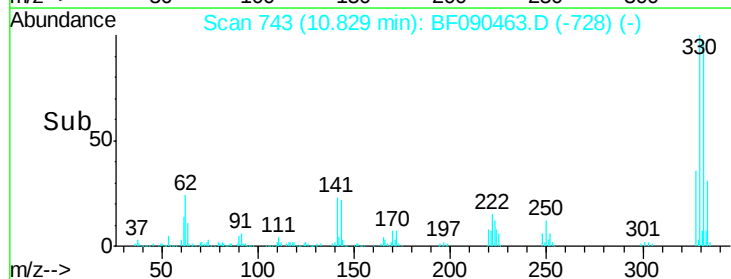
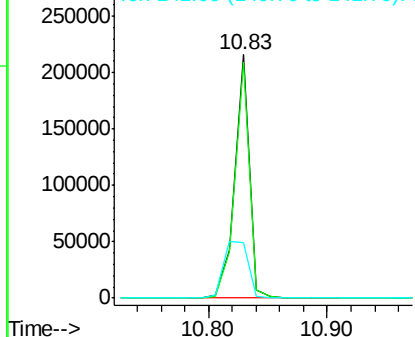


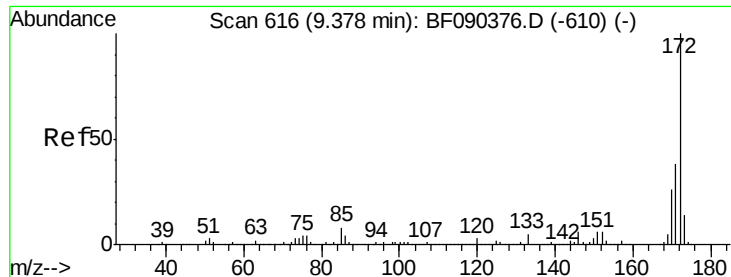
#41
 2,4,6-Tribromophenol
 Concen: 42.58 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090463.D
 Acq: 8 Oct 2016 3:14

Tgt Ion:330 Resp: 185971
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 38.8 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

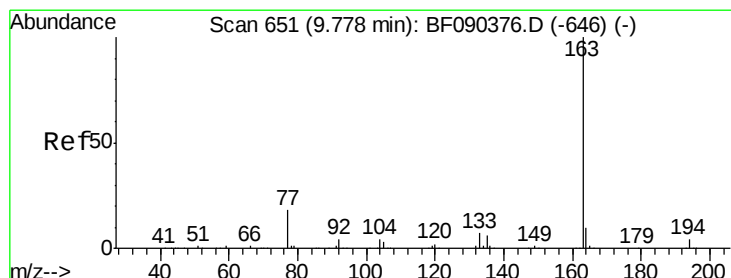
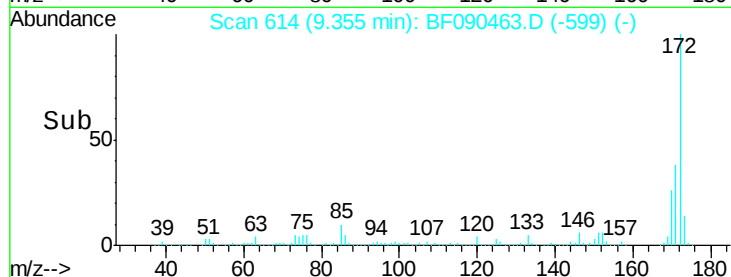
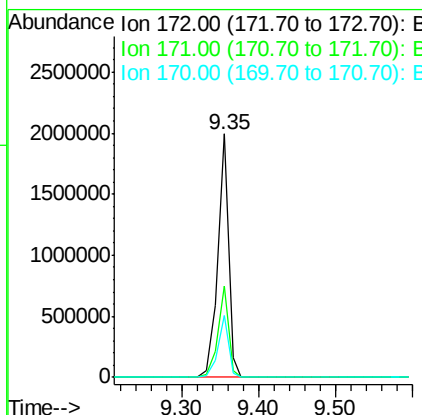
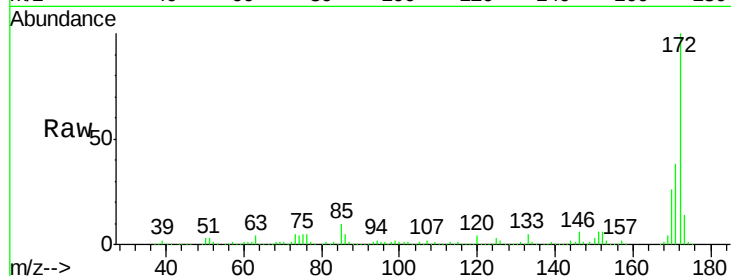




#44
 2-Fluorobiphenyl
 Concen: 59.97 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090463.D
 Acq: 8 Oct 2016 3:14

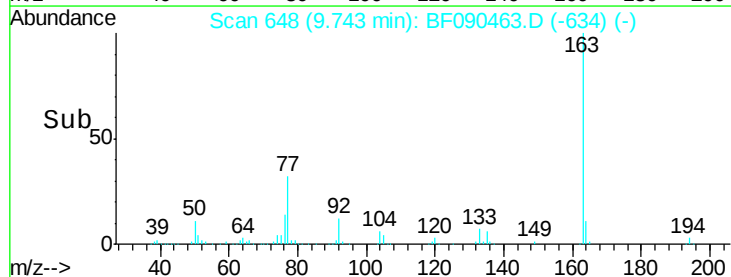
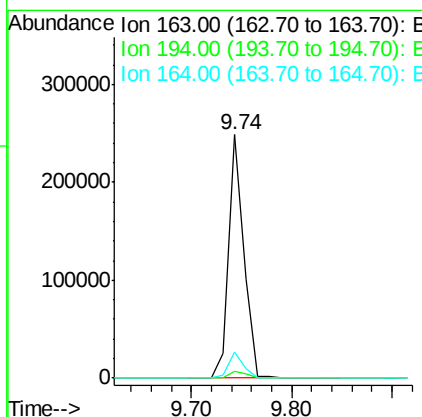
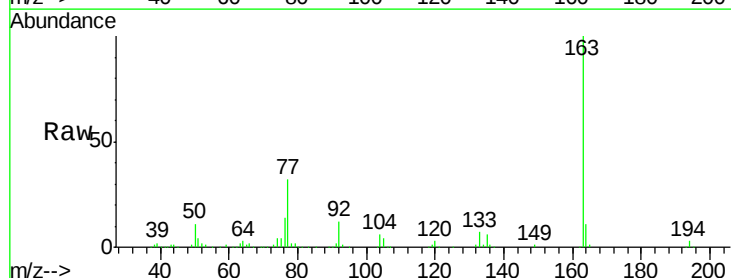
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

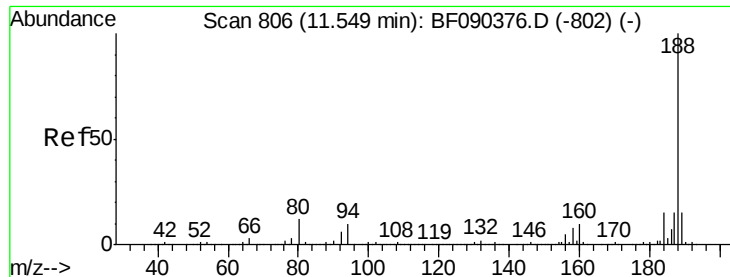
Tgt Ion:172 Resp: 1933460
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.8 47.8
 170 25.5 21.7 32.5



#49
 Dimethylphthalate
 Concen: 7.61 ng
 RT: 9.74 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF090463.D
 Acq: 8 Oct 2016 3:14

Tgt Ion:163 Resp: 261856
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.8 4.2
 164 10.6 9.0 13.4

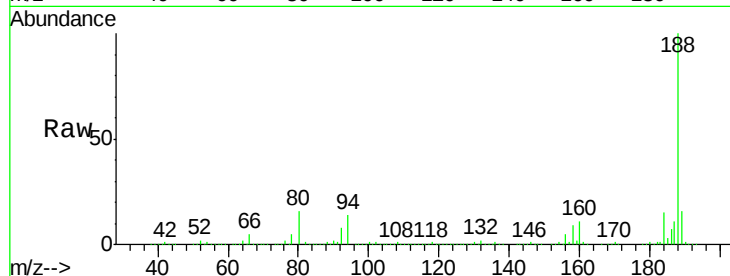




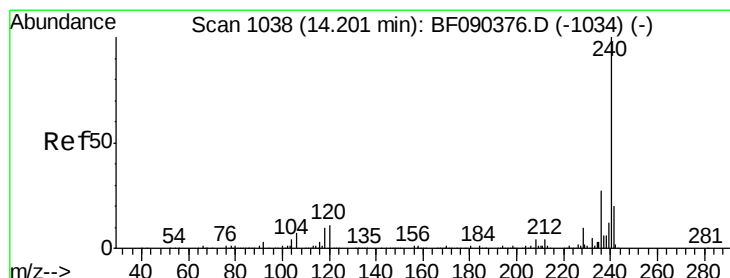
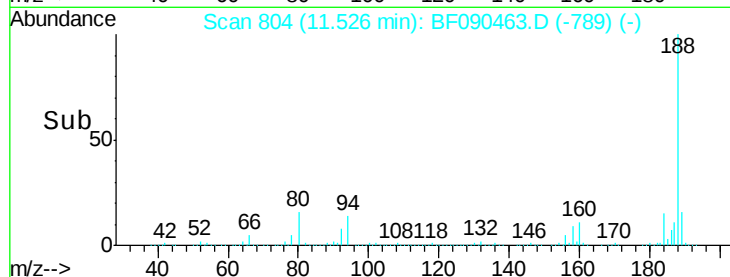
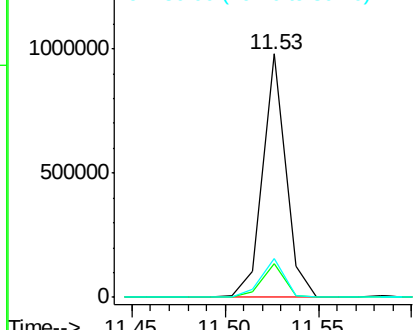
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090463.D
Acq: 8 Oct 2016 3:14

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion:188 Resp: 835956
Ion Ratio Lower Upper
188 100
94 14.0 8.2 12.2#
80 16.0 8.8 13.2#

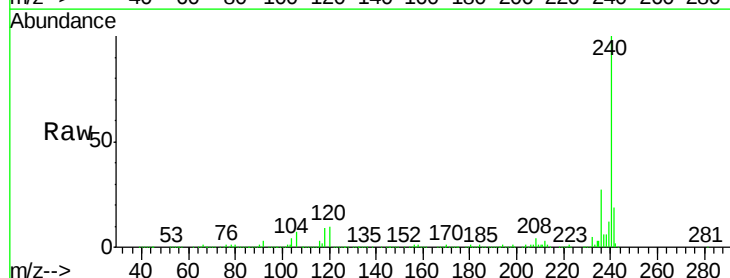


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

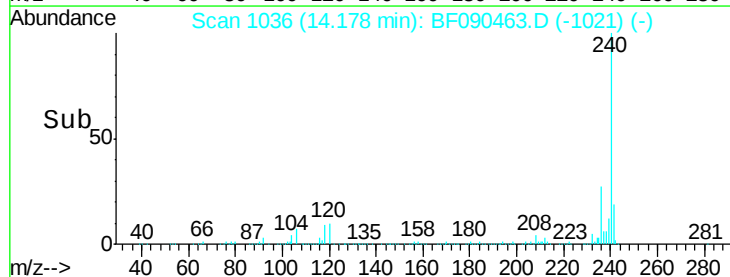
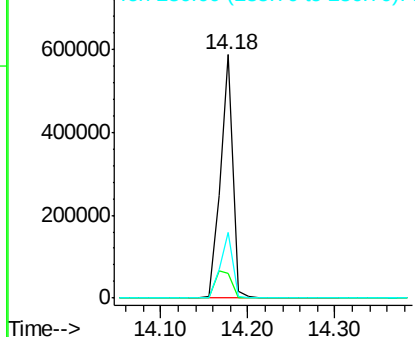


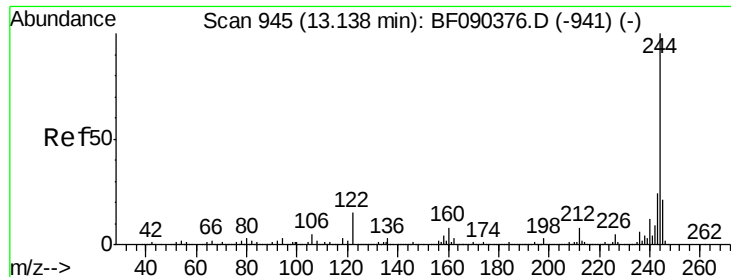
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090463.D
Acq: 8 Oct 2016 3:14

Tgt Ion:240 Resp: 593442
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 27.0 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

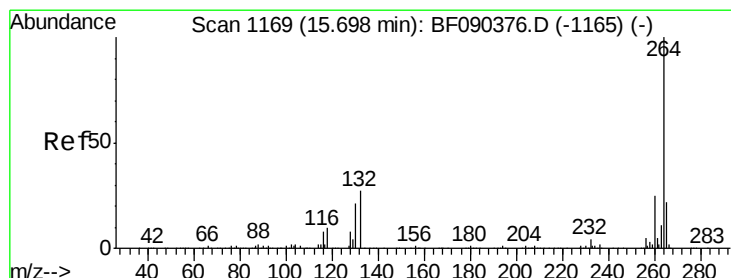
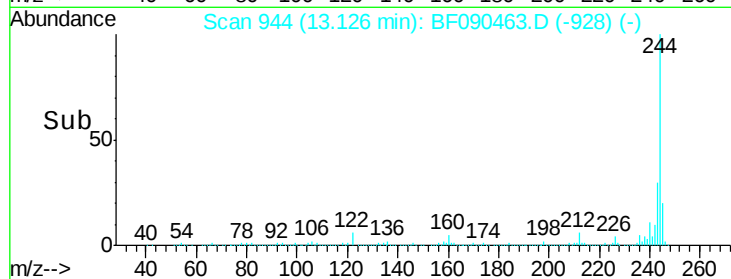
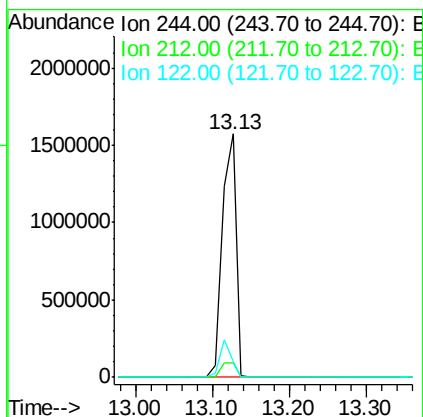
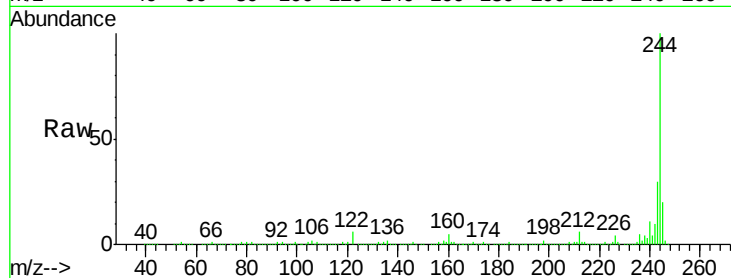




#78
 Terphenyl-d14
 Concen: 75.61 ng
 RT: 13.13 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF090463.D
 Acq: 8 Oct 2016 3:14

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

Tgt Ion:244 Resp: 1995722
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.8 10.2#
 122 6.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF090463.D
 Acq: 8 Oct 2016 3:14

Tgt Ion:264 Resp: 410349
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 21.9 17.4 26.0

