

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090464.D
 Acq On : 8 Oct 2016 3:41
 Operator : UM/SJ
 Sample : H5107-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-202

Quant Time: Oct 08 04:22:47 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

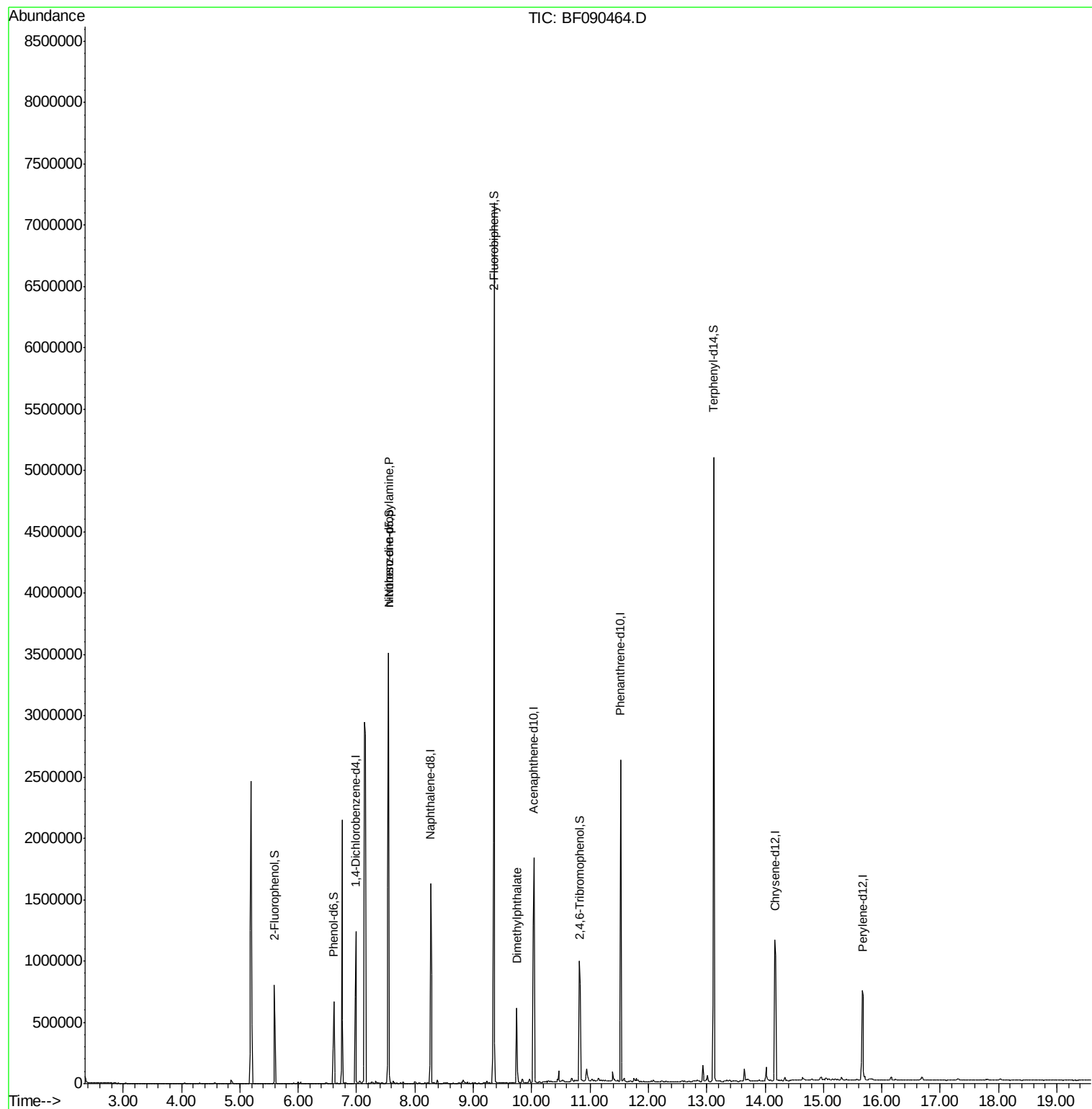
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	219536	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	887041	20.00	ng	-0.02
38) Acenaphthene-d10	10.04	164	505522	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	833266	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	529811	20.00	ng	-0.02
86) Perylene-d12	15.68	264	382780	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	255569	17.37	ng	-0.01
7) Phenol-d6	6.61	99	248972	12.92	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1325647	72.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	145998	35.52	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	2125663	70.06	ng	-0.02
78) Terphenyl-d14	13.12	244	2227096	94.50	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.55	70	182777	12.94	ng	Qvalue # 63
49) Dimethylphthalate	9.74	163	225688	6.97	ng	98

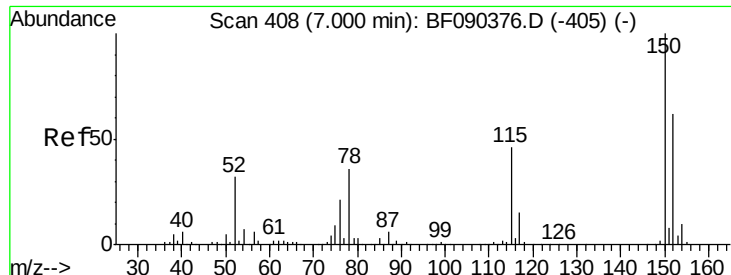
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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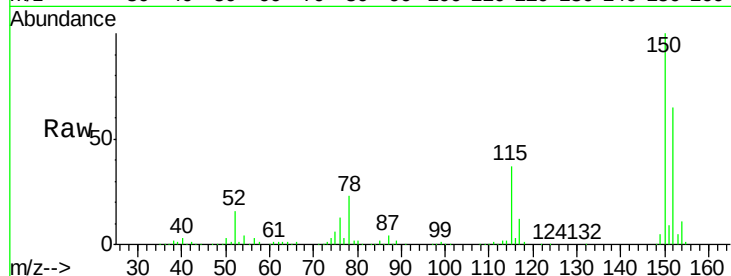




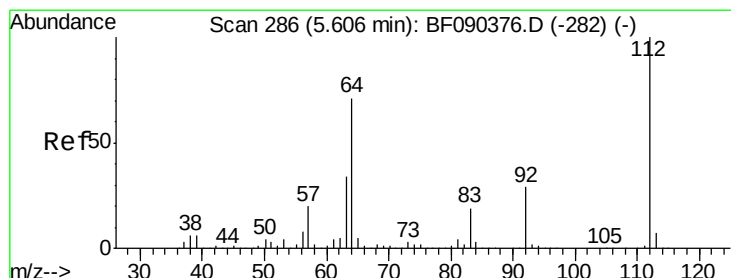
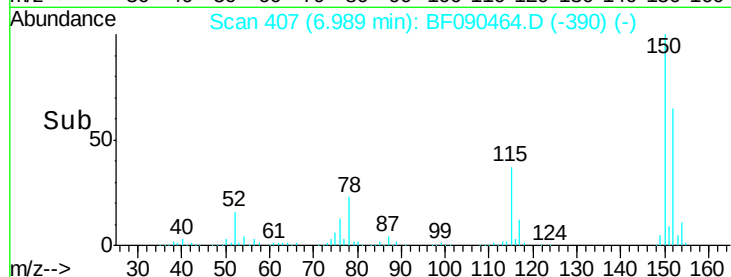
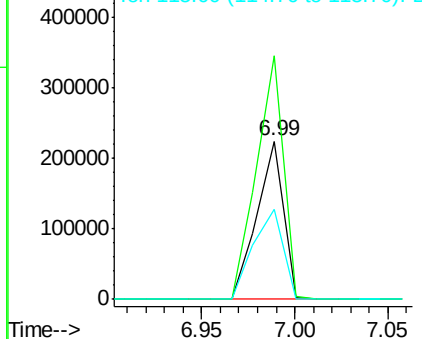
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.99 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF090464.D
 Acq: 8 Oct 2016 3:41

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-202

Tgt Ion:152 Resp: 219536
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 56.7 46.2 69.4

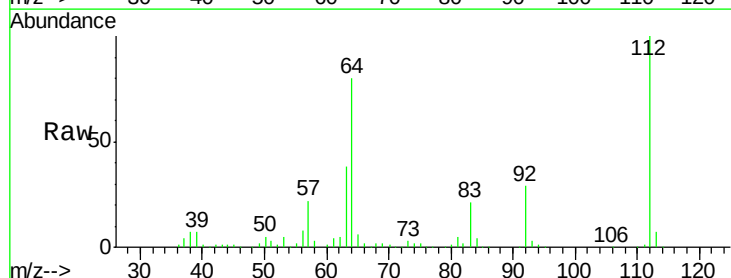


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

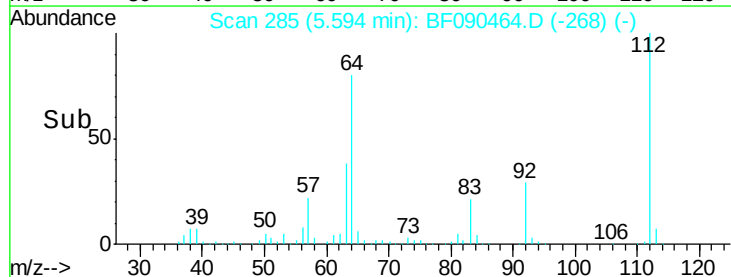
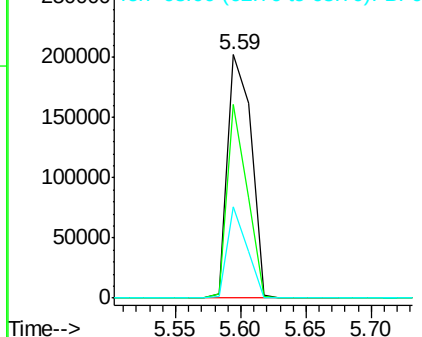


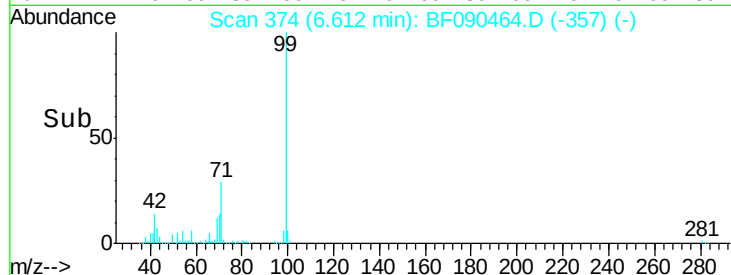
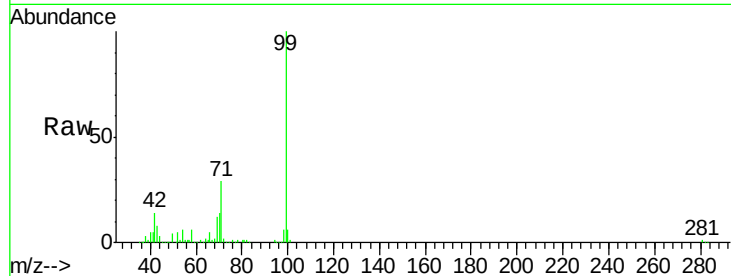
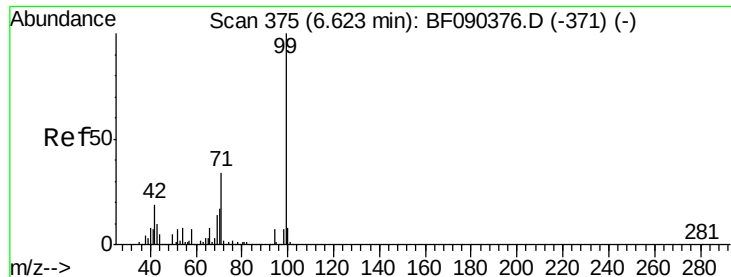
#5
 2-Fluorophenol
 Concen: 17.37 ng
 RT: 5.59 min Scan# 285
 Delta R.T. -0.01 min
 Lab File: BF090464.D
 Acq: 8 Oct 2016 3:41

Tgt Ion:112 Resp: 255569
 Ion Ratio Lower Upper
 112 100
 64 79.8 57.9 86.9
 63 37.6 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: 12.92 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090464.D

Acq: 8 Oct 2016 3:41

Instrument :

BNA_F

ClientSampleId :

RAV-GT-202

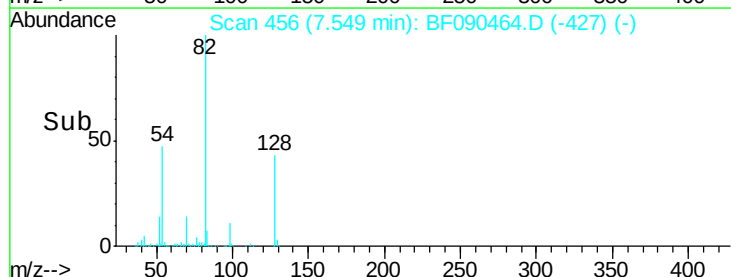
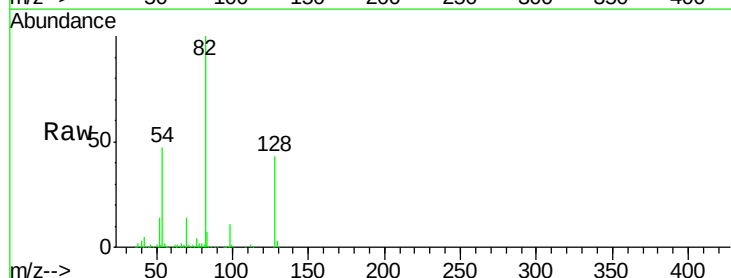
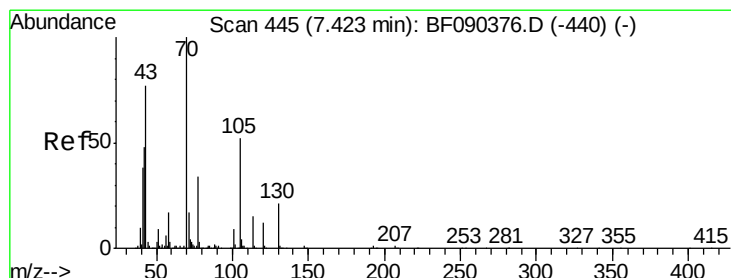
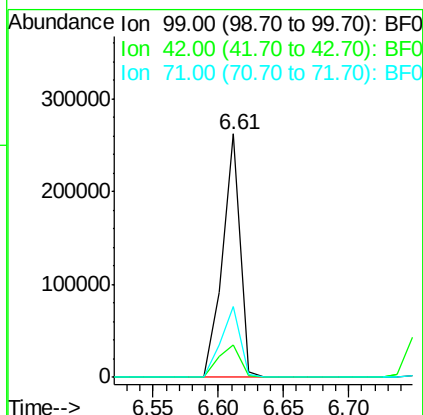
Tgt Ion: 99 Resp: 248972

Ion Ratio Lower Upper

99 100

42 13.6 20.0 30.0#

71 28.9 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.94 ng

RT: 7.55 min Scan# 456

Delta R.T. 0.13 min

Lab File: BF090464.D

Acq: 8 Oct 2016 3:41

Tgt Ion: 70 Resp: 182777

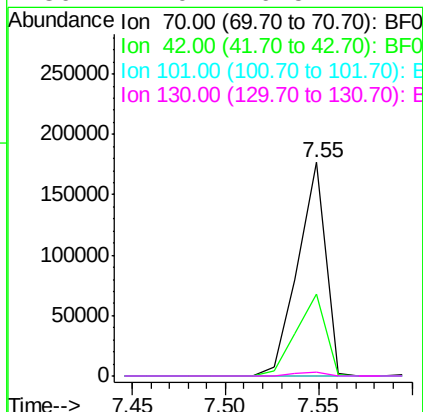
Ion Ratio Lower Upper

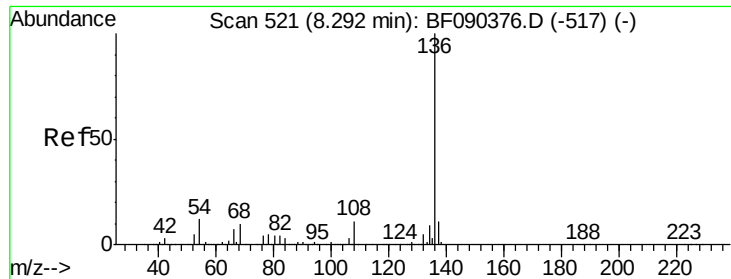
70 100

42 38.4 55.4 83.2#

101 0.0 7.6 11.4#

130 2.0 16.5 24.7#

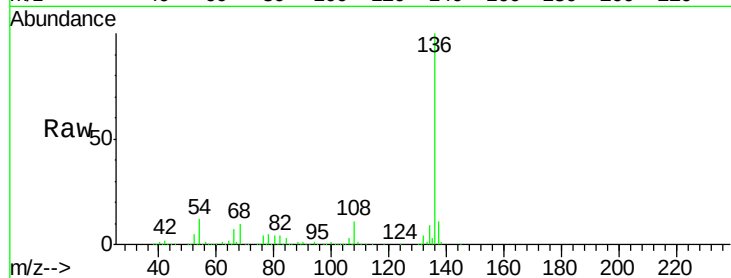




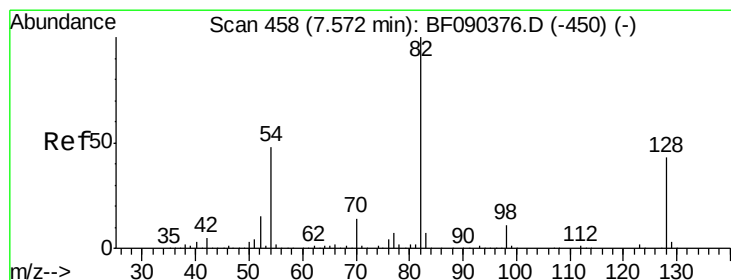
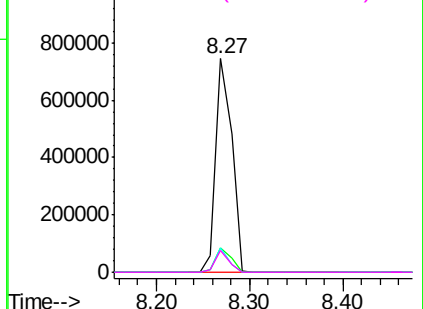
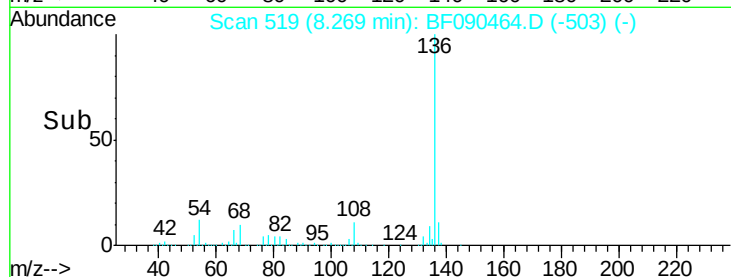
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090464.D
Acq: 8 Oct 2016 3:41

Instrument :
BNA_F
ClientSampleId :
RAV-GT-202

Tgt Ion:136 Resp: 887041
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 11.7 6.6 10.0#
68 9.9 5.0 7.6#

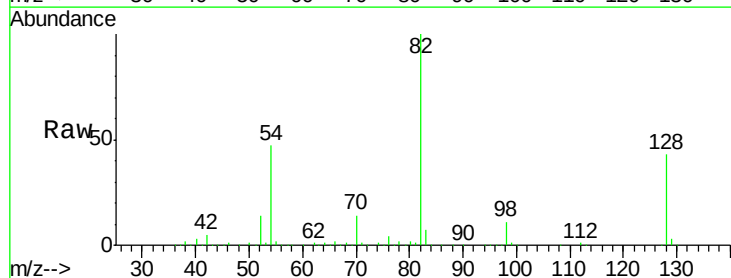


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

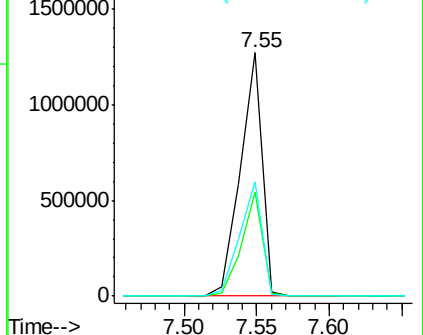
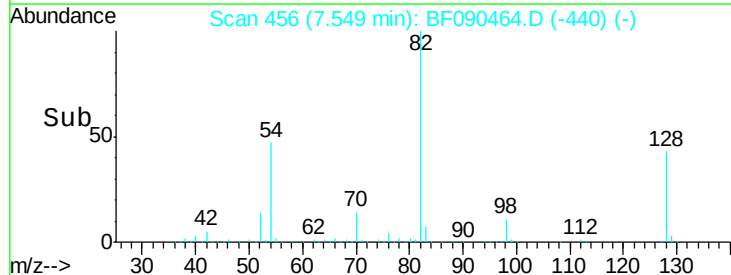


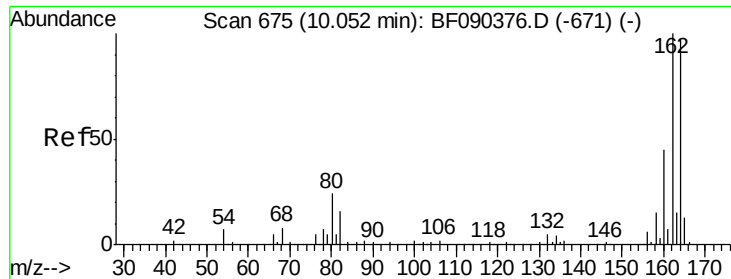
#23
Nitrobenzene-d5
Concen: 72.69 ng
RT: 7.55 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090464.D
Acq: 8 Oct 2016 3:41

Tgt Ion: 82 Resp: 1325647
Ion Ratio Lower Upper
82 100
128 42.8 40.0 60.0
54 47.1 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

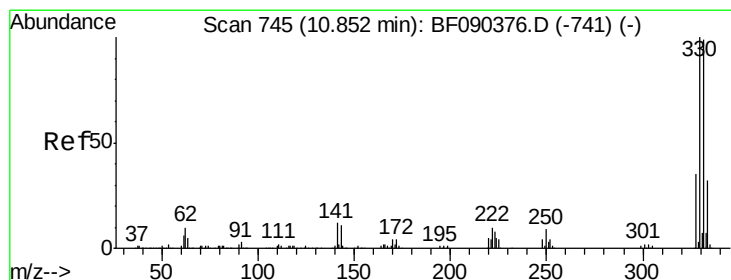
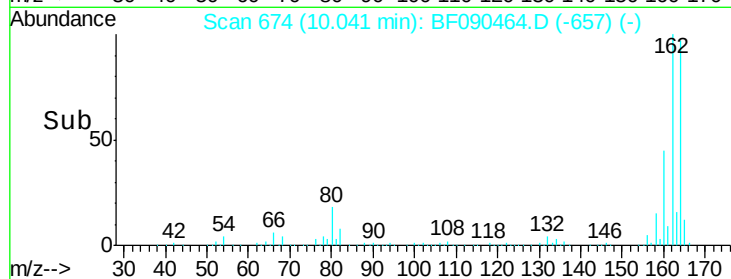
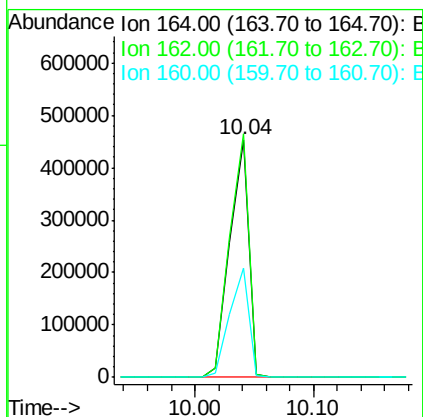
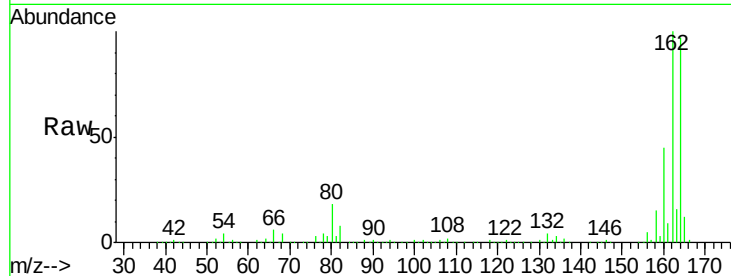




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090464.D
 Acq: 8 Oct 2016 3:41

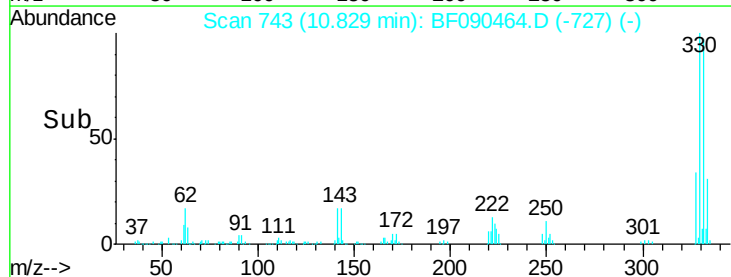
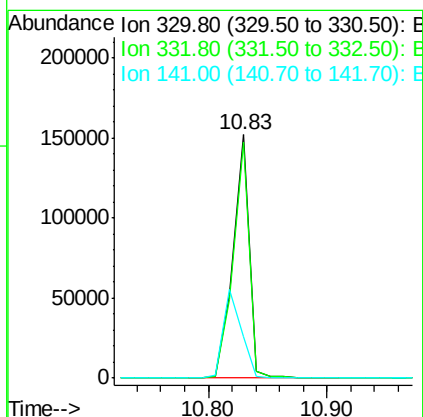
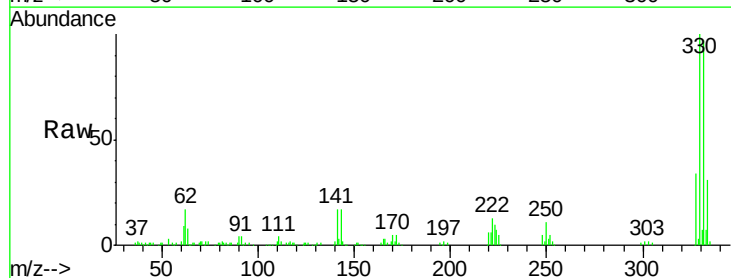
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-202

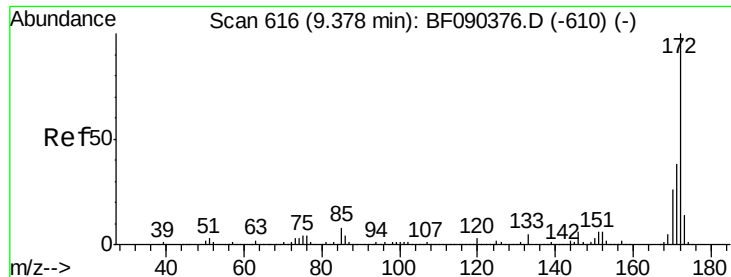
Tgt Ion:164 Resp: 505522
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.1 120.1
 160 46.0 36.3 54.5



#41
 2,4,6-Tribromophenol
 Concen: 35.52 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090464.D
 Acq: 8 Oct 2016 3:41

Tgt Ion:330 Resp: 145998
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 40.7 26.9 40.3#

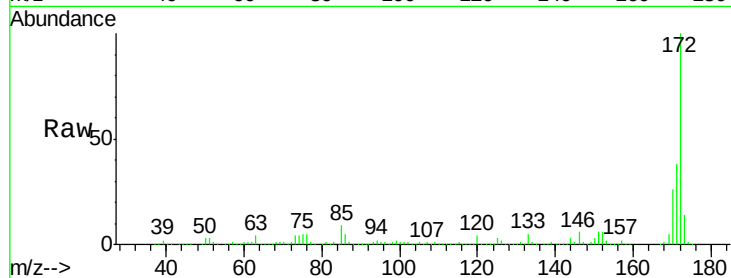




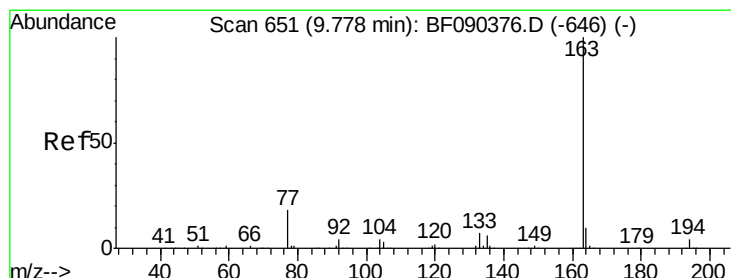
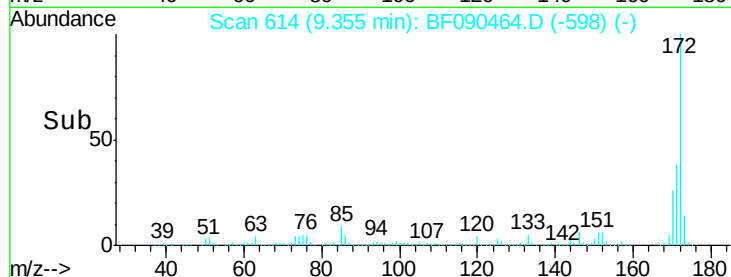
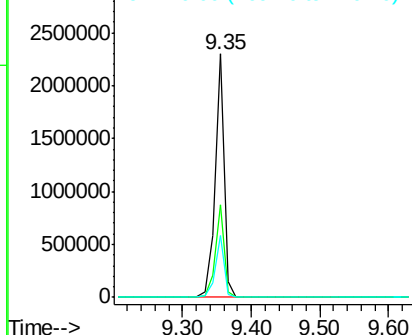
#44
2-Fluorobiphenyl
Concen: 70.06 ng
RT: 9.35 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF090464.D
Acq: 8 Oct 2016 3:41

Instrument :
BNA_F
ClientSampleId :
RAV-GT-202

Tgt Ion:172 Resp: 2125663
Ion Ratio Lower Upper
172 100
171 38.1 31.8 47.8
170 25.7 21.7 32.5

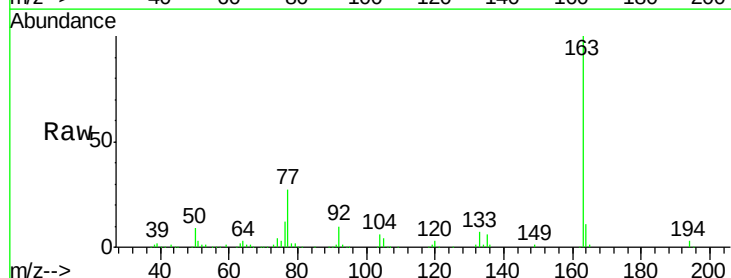


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

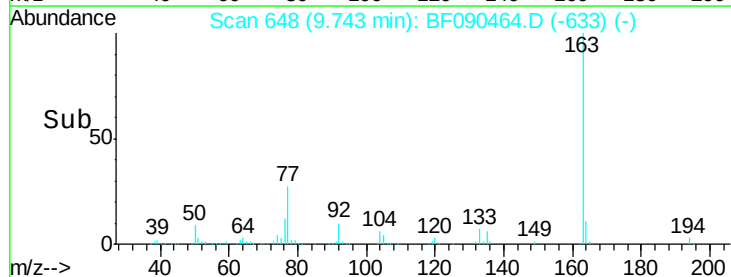
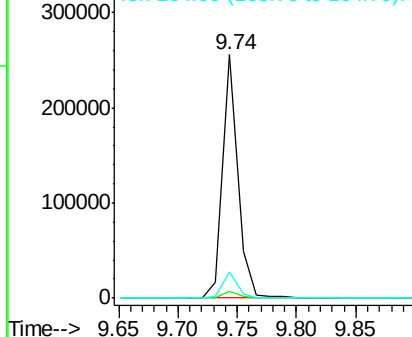


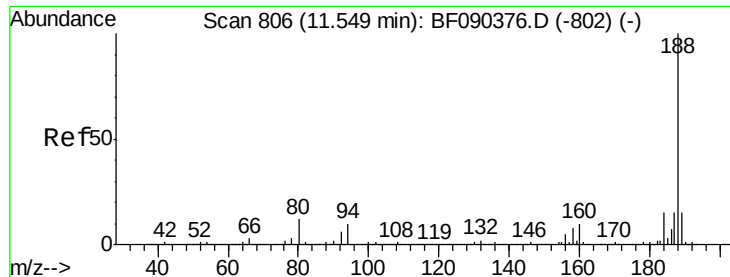
#49
Dimethylphthalate
Concen: 6.97 ng
RT: 9.74 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF090464.D
Acq: 8 Oct 2016 3:41

Tgt Ion:163 Resp: 225688
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.5 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

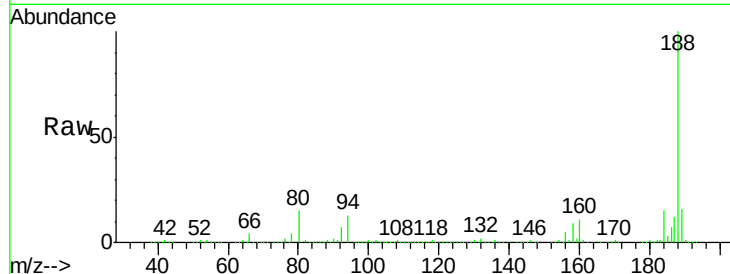




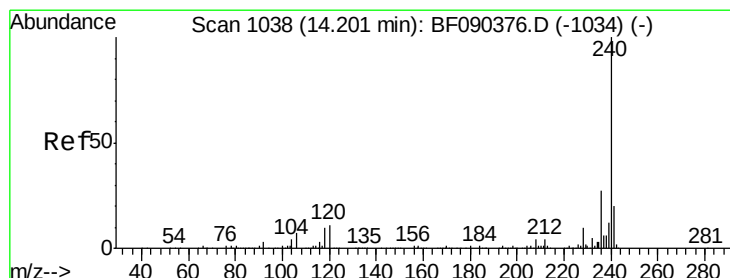
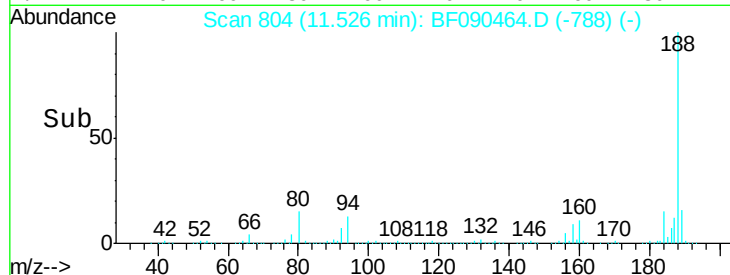
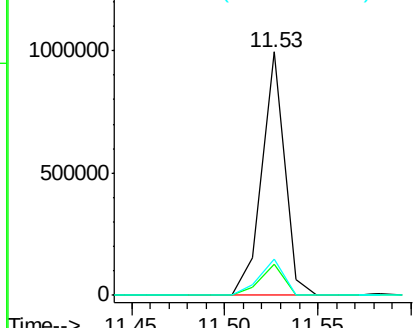
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090464.D
Acq: 8 Oct 2016 3:41

Instrument :
BNA_F
ClientSampleId :
RAV-GT-202

Tgt Ion:188 Resp: 833266
Ion Ratio Lower Upper
188 100
94 12.7 8.2 12.2#
80 14.8 8.8 13.2#

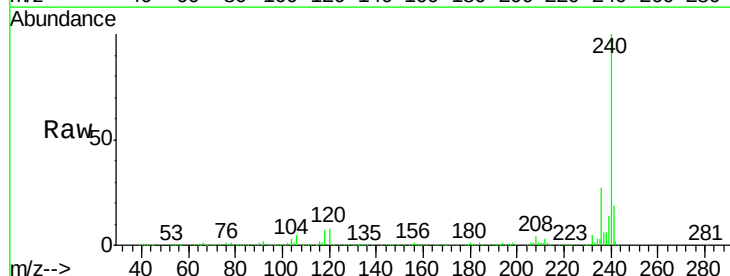


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

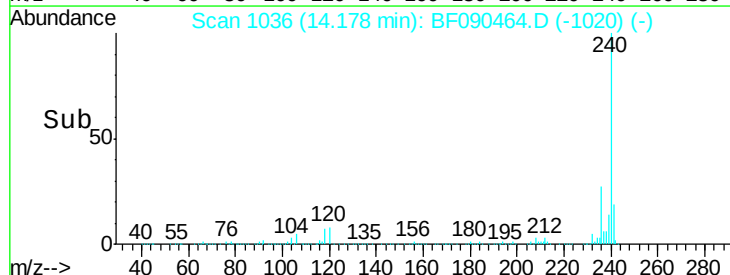
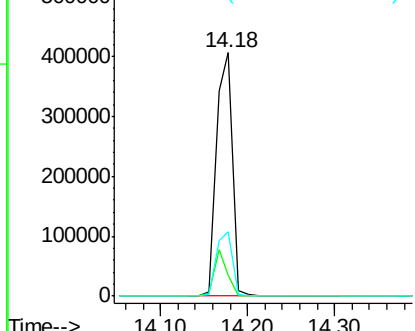


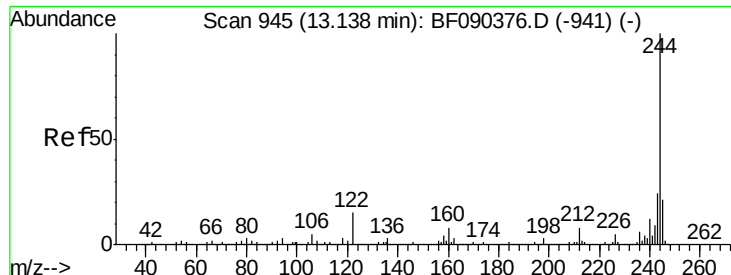
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090464.D
Acq: 8 Oct 2016 3:41

Tgt Ion:240 Resp: 529811
Ion Ratio Lower Upper
240 100
120 8.3 8.6 13.0#
236 26.6 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

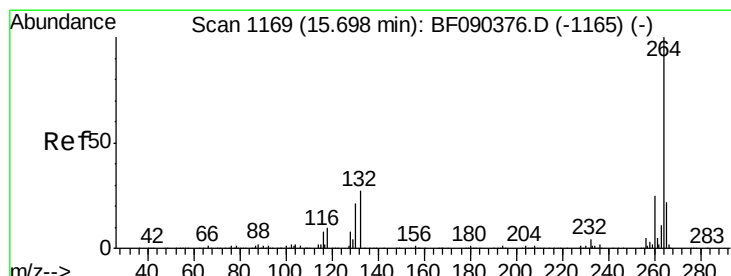
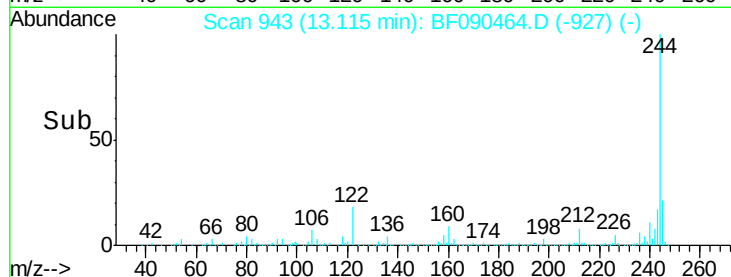
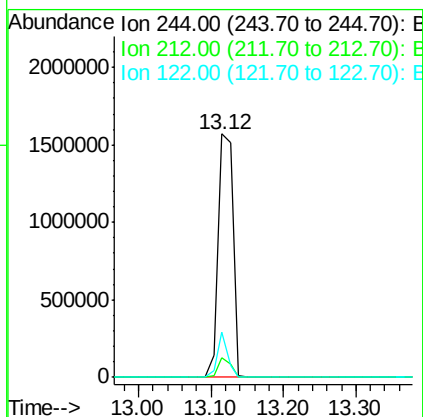
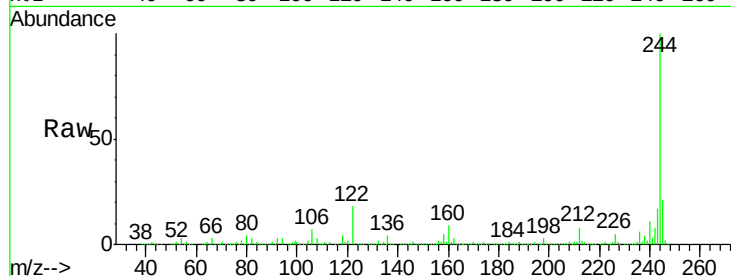




#78
 Terphenyl-d14
 Concen: 94.50 ng
 RT: 13.12 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF090464.D
 Acq: 8 Oct 2016 3:41

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-202

Tgt Ion:244 Resp: 2227096
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.8 10.2
 122 18.3 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: BF090464.D
 Acq: 8 Oct 2016 3:41

Tgt Ion:264 Resp: 382780
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.3 28.9
 265 21.0 17.4 26.0

