

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090354.D
 Acq On : 4 Oct 2016 20:56
 Operator : UM/SJ
 Sample : H5060-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B050-19-25

Quant Time: Oct 05 01:15:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

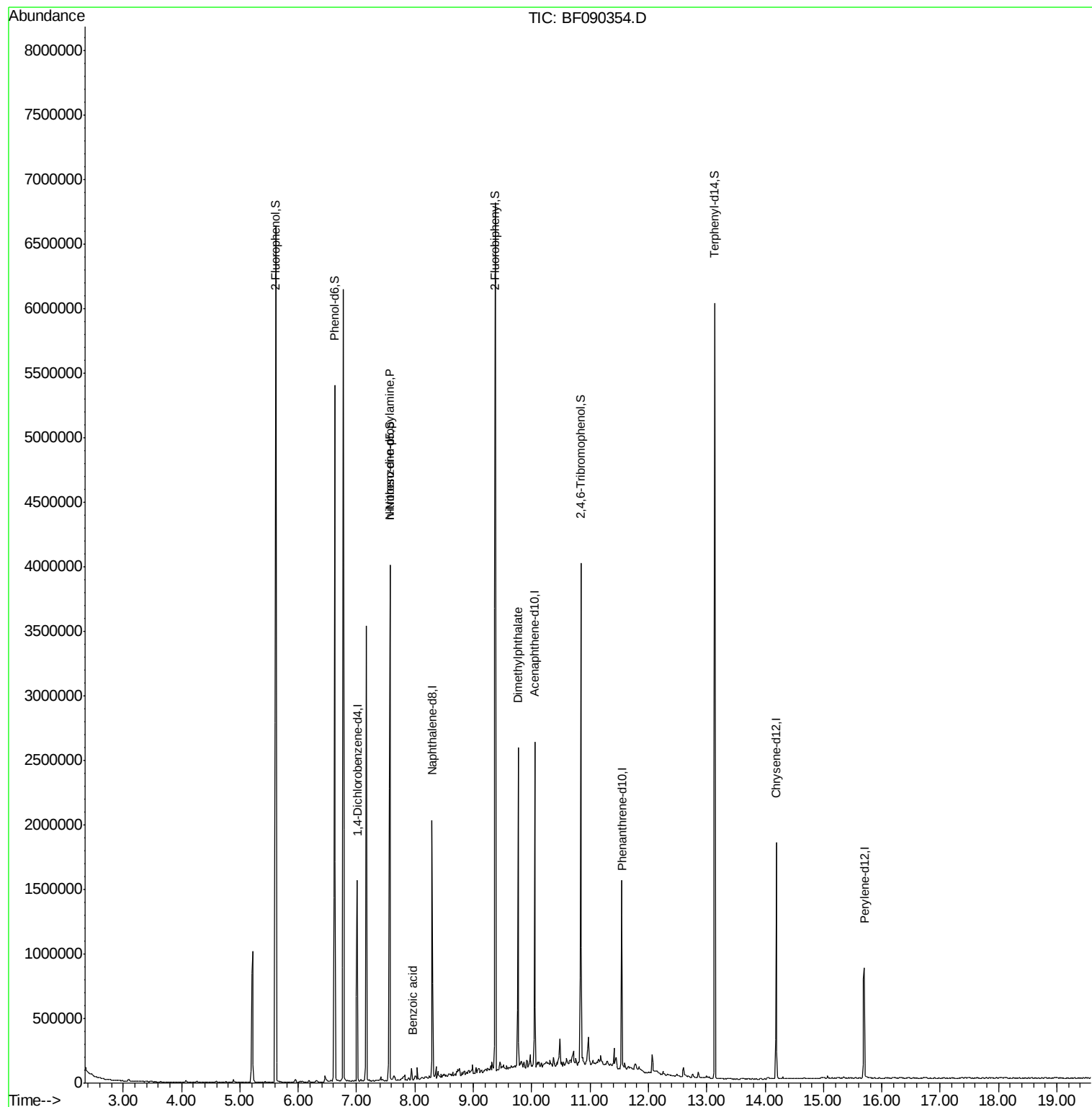
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	248085	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	904102	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	462677	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	685267	20.00	ng	0.00
75) Chrysene-d12	14.19	240	541642	20.00	ng	0.00
86) Perylene-d12	15.70	264	439090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1777914	113.03	ng	0.00
7) Phenol-d6	6.62	99	2085695	106.08	ng	0.00
23) Nitrobenzene-d5	7.57	82	1565722	100.95	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	406308	101.11	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2328109	82.04	ng	0.00
78) Terphenyl-d14	13.14	244	1850881	79.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	220529	17.56	ng	# 62
32) Benzoic acid	7.96	122	627	5.32	ng	# 80
49) Dimethylphthalate	9.77	163	844579	30.84	ng	98

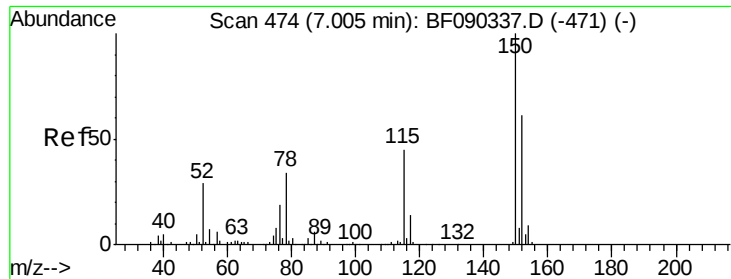
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF090354.D

Acq: 4 Oct 2016 20:56

Instrument :

BNA_F

ClientSampleId :

SUP-B050-19-25

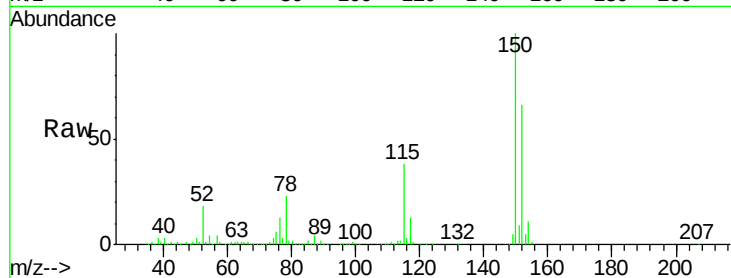
Tgt Ion:152 Resp: 248085

Ion Ratio Lower Upper

152 100

150 150.8 124.6 186.8

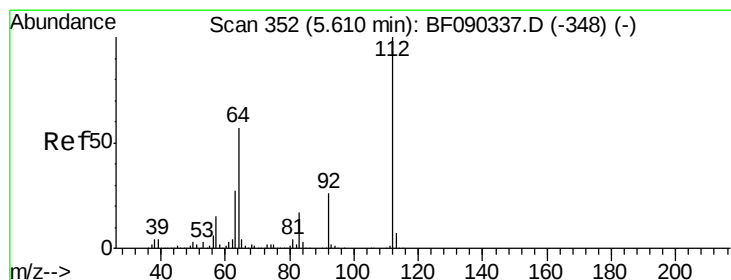
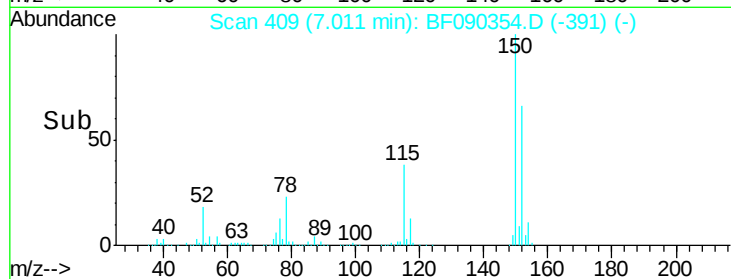
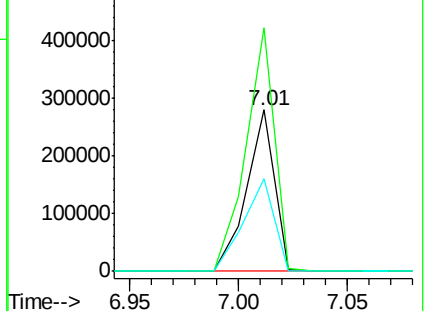
115 57.2 46.2 69.4



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: 113.03 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090354.D

Acq: 4 Oct 2016 20:56

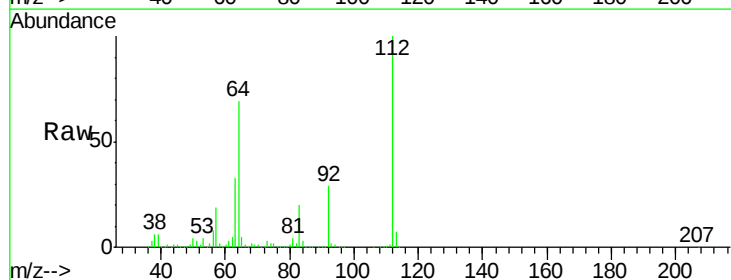
Tgt Ion:112 Resp: 1777914

Ion Ratio Lower Upper

112 100

64 69.0 57.9 86.9

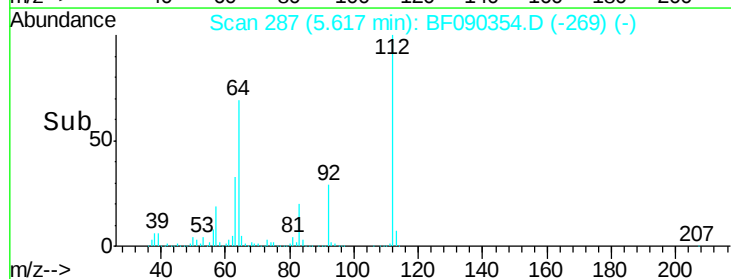
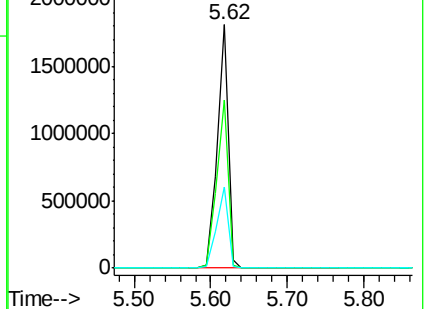
63 33.4 29.6 44.4

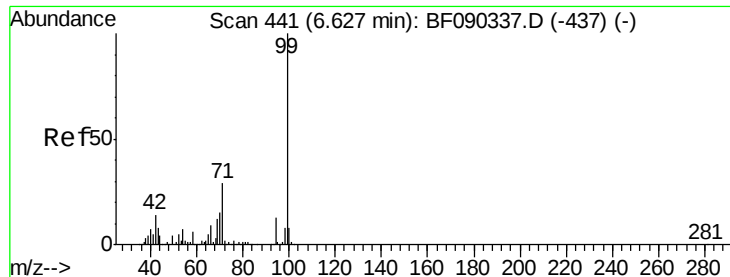


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.08 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090354.D

Acq: 4 Oct 2016 20:56

Instrument :

BNA_F

ClientSampleId :

SUP-B050-19-25

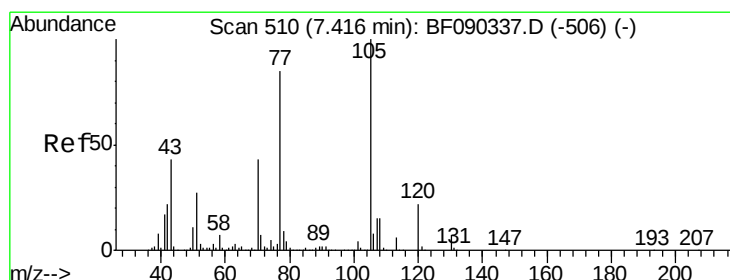
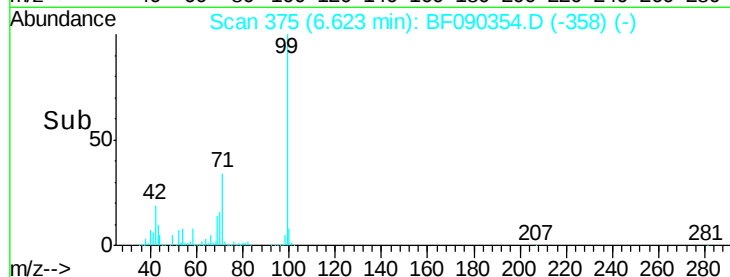
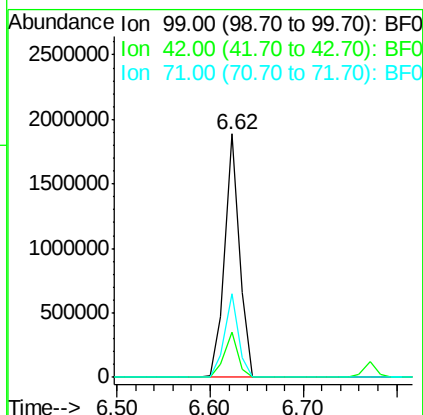
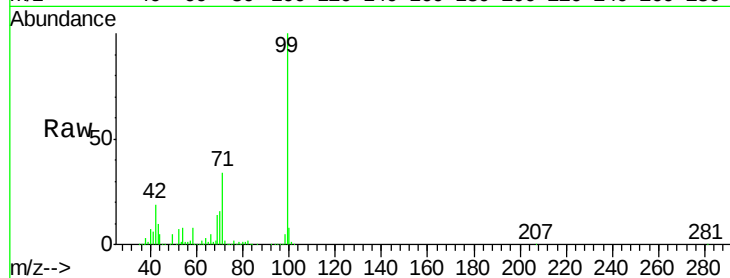
Tgt Ion: 99 Resp: 2085695

Ion Ratio Lower Upper

99 100

42 18.6 20.0 30.0#

71 34.3 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 17.56 ng

RT: 7.57 min Scan# 458

Delta R.T. 0.16 min

Lab File: BF090354.D

Acq: 4 Oct 2016 20:56

Tgt Ion: 70 Resp: 220529

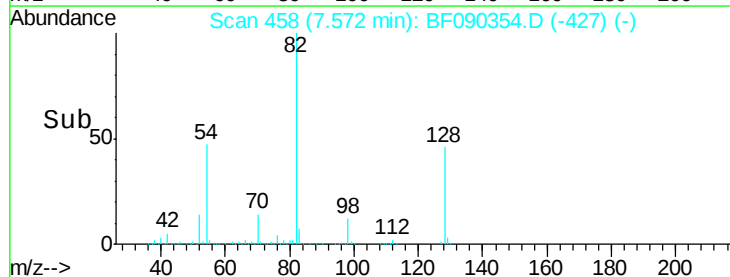
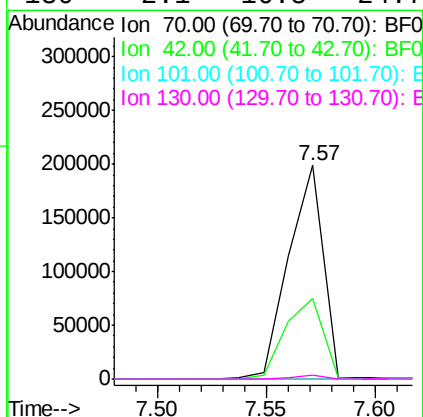
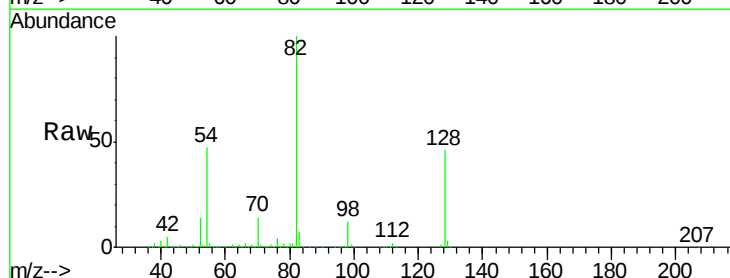
Ion Ratio Lower Upper

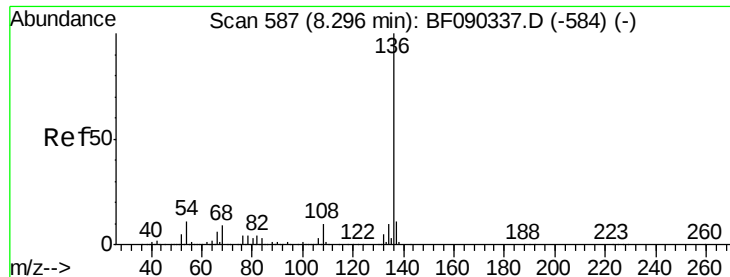
70 100

42 37.5 55.4 83.2#

101 0.0 7.6 11.4#

130 2.1 16.5 24.7#

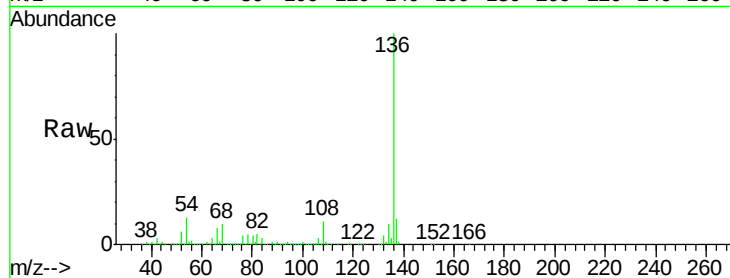




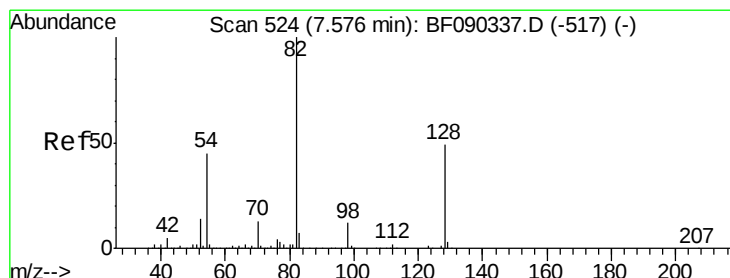
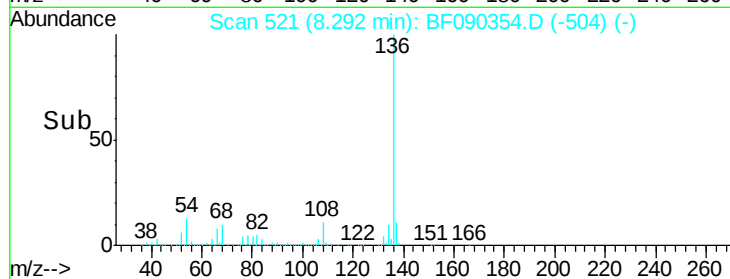
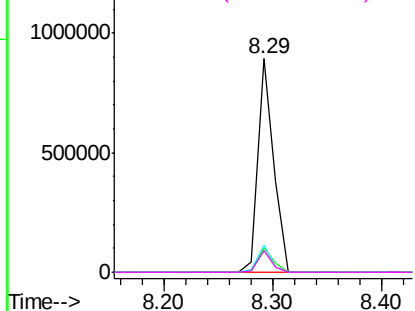
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090354.D
Acq: 4 Oct 2016 20:56

Instrument :
BNA_F
ClientSampleId :
SUP-B050-19-25

Tgt Ion:	136	Resp:	904102
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	12.8	6.6	10.0#
68	10.3	5.0	7.6#

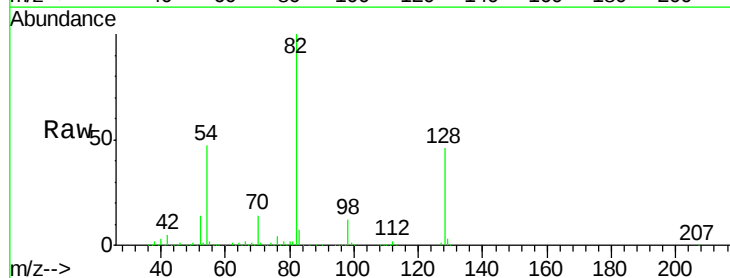


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

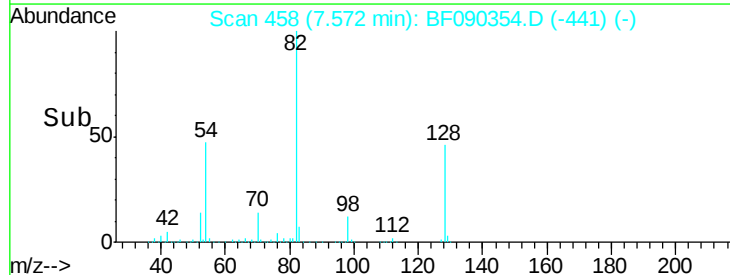
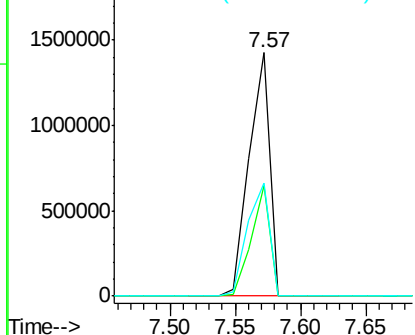


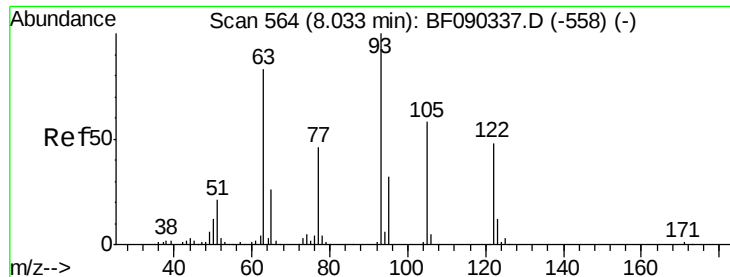
#23
Nitrobenzene-d5
Concen: 100.95 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090354.D
Acq: 4 Oct 2016 20:56

Tgt Ion:	82	Resp:	1565722
Ion	Ratio	Lower	Upper
82	100		
128	45.6	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

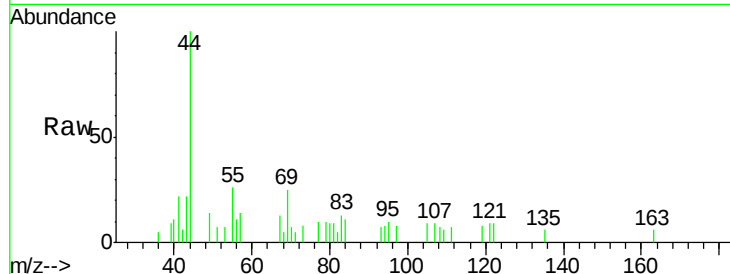




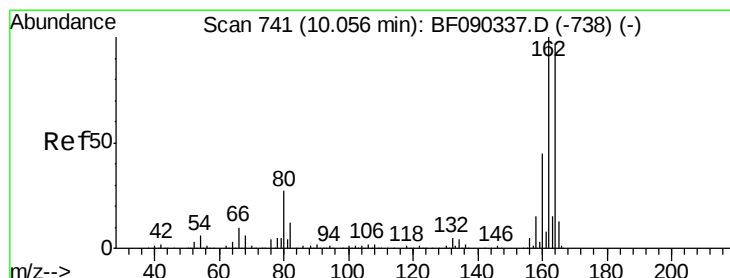
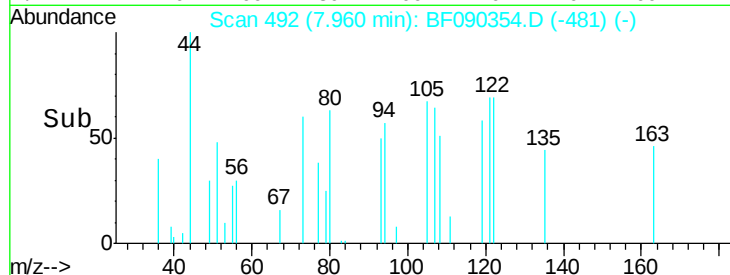
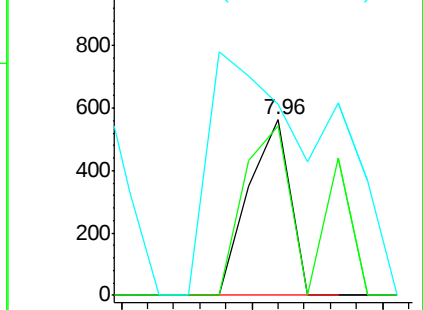
#32
Benzoic acid
Concen: 5.32 ng
RT: 7.96 min Scan# 492
Delta R.T. -0.07 min
Lab File: BF090354.D
Acq: 4 Oct 2016 20:56

Instrument :
BNA_F
ClientSampleId :
SUP-B050-19-25

Tgt Ion:122 Resp: 627
Ion Ratio Lower Upper
122 100
105 96.4 103.9 143.9#
77 108.7 74.6 114.6

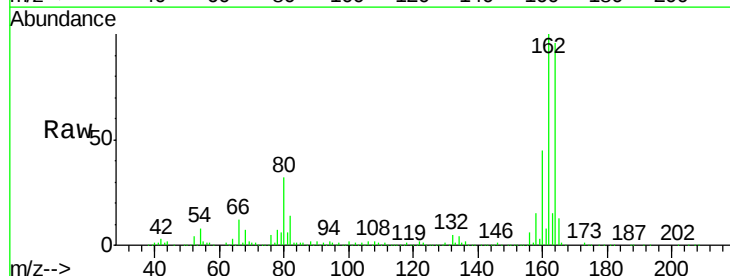


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

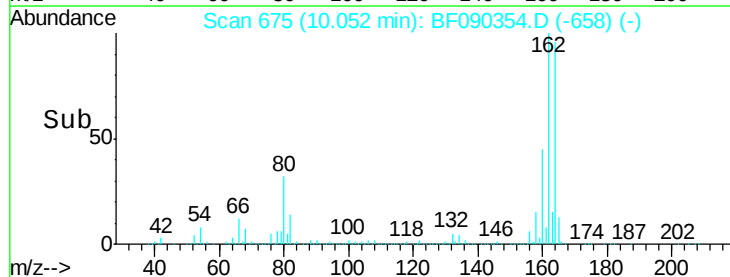
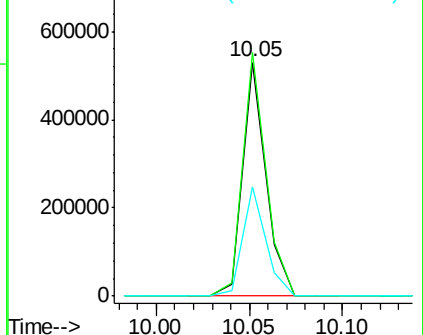


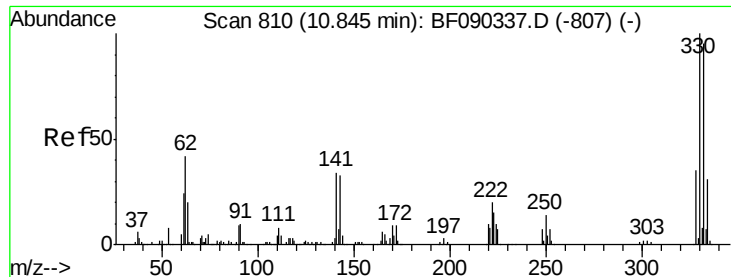
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090354.D
Acq: 4 Oct 2016 20:56

Tgt Ion:164 Resp: 462677
Ion Ratio Lower Upper
164 100
162 104.1 80.1 120.1
160 46.9 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

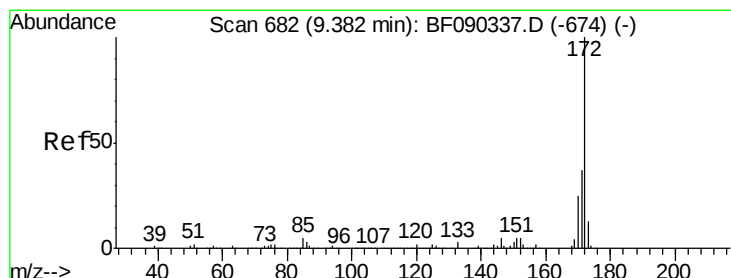
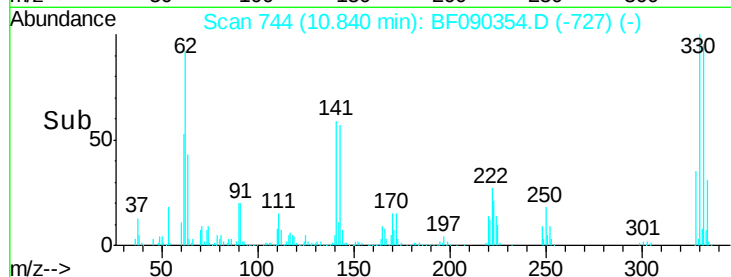
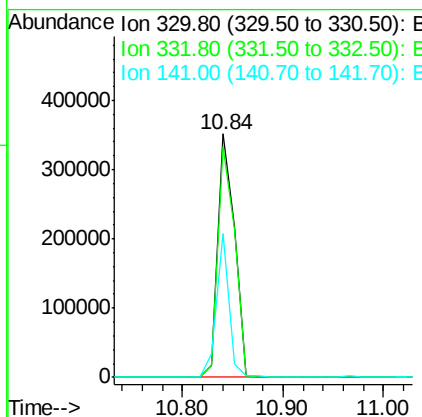
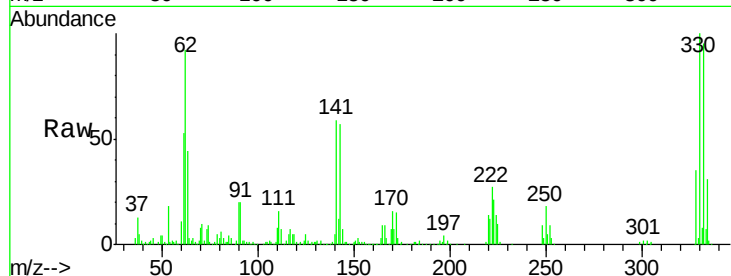




#41
 2,4,6-Tribromophenol
 Concen: 101.11 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF090354.D
 Acq: 4 Oct 2016 20:56

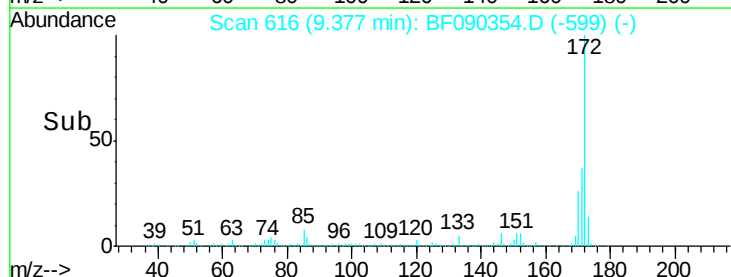
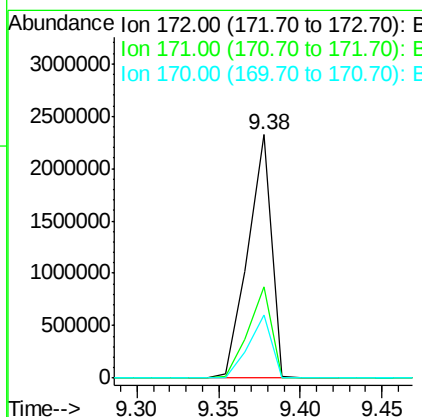
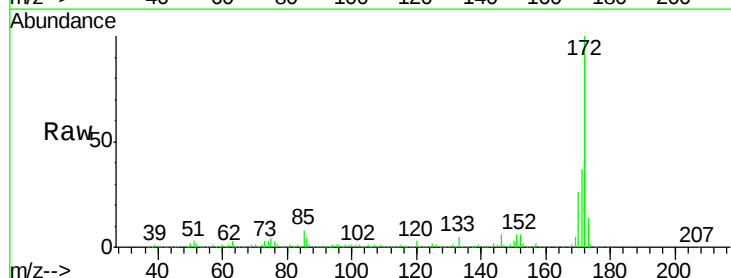
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B050-19-25

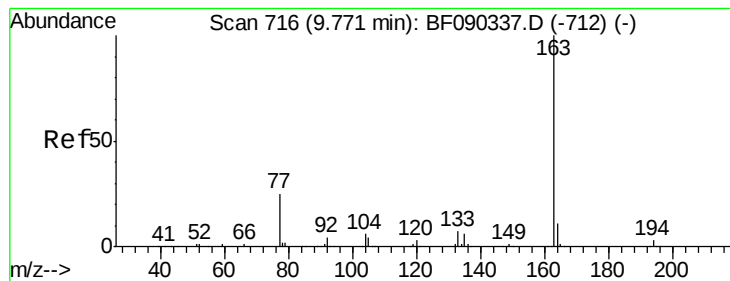
Tgt Ion:330 Resp: 406308
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 44.3 26.9 40.3#



#44
 2-Fluorobiphenyl
 Concen: 82.04 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090354.D
 Acq: 4 Oct 2016 20:56

Tgt Ion:172 Resp: 2328109
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.8 47.8
 170 25.8 21.7 32.5





#49

Dimethylphthalate

Concen: 30.84 ng

RT: 9.77 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF090354.D

Acq: 4 Oct 2016 20:56

Instrument :

BNA_F

ClientSampleId :

SUP-B050-19-25

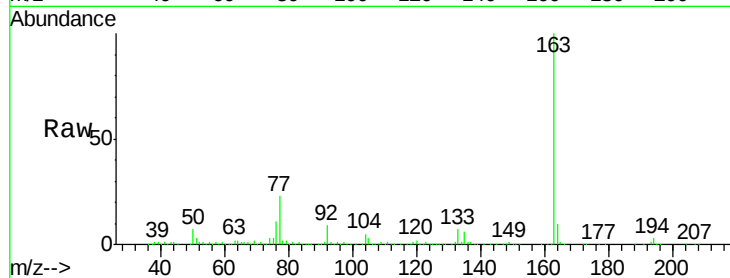
Tgt Ion:163 Resp: 844579

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

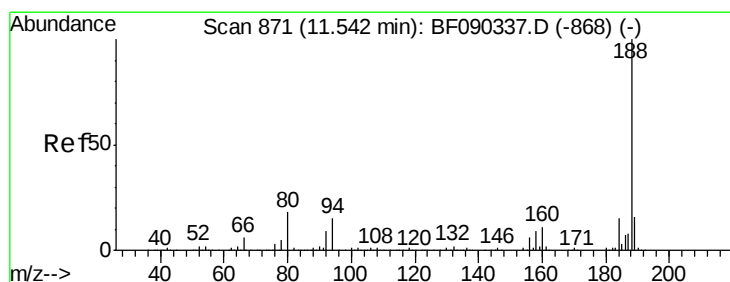
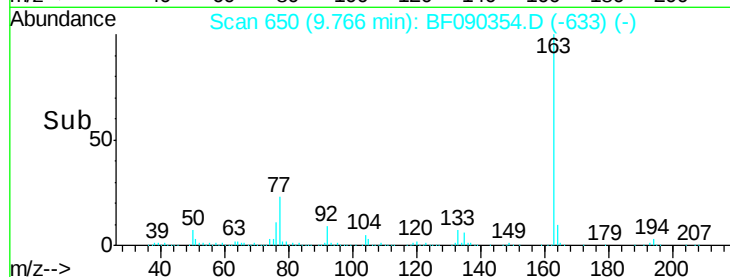
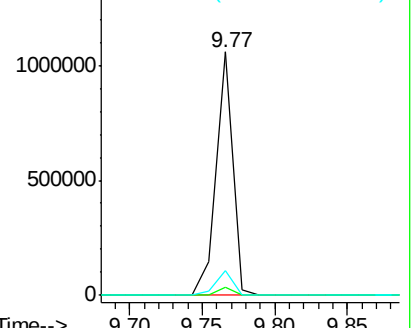
164 10.3 9.0 13.4



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: 11.55 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF090354.D

Acq: 4 Oct 2016 20:56

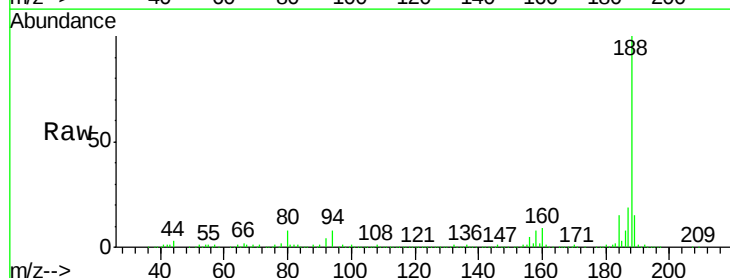
Tgt Ion:188 Resp: 685267

Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.2#

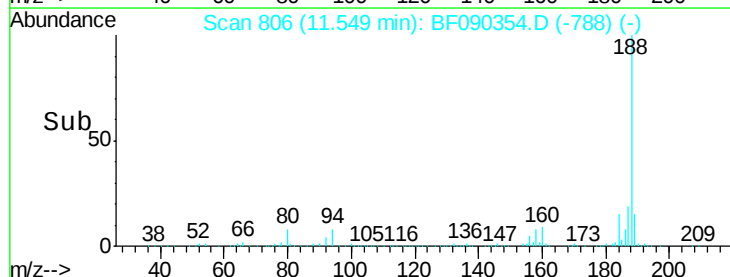
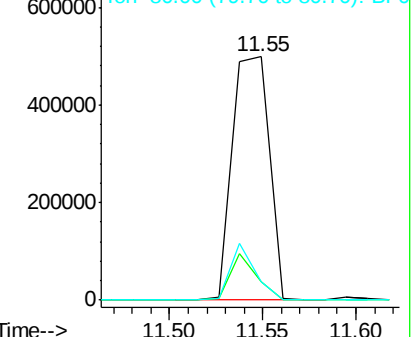
80 7.8 8.8 13.2#

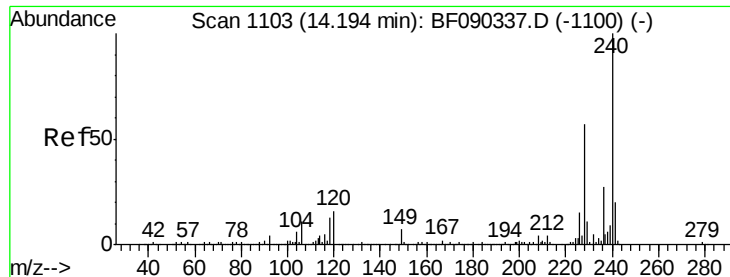


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF090354.D

Acq: 4 Oct 2016 20:56

Instrument :

BNA_F

ClientSampleId :

SUP-B050-19-25

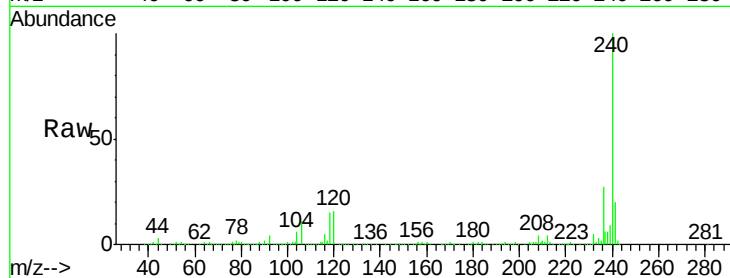
Tgt Ion:240 Resp: 541642

Ion Ratio Lower Upper

240 100

120 16.3 8.6 13.0#

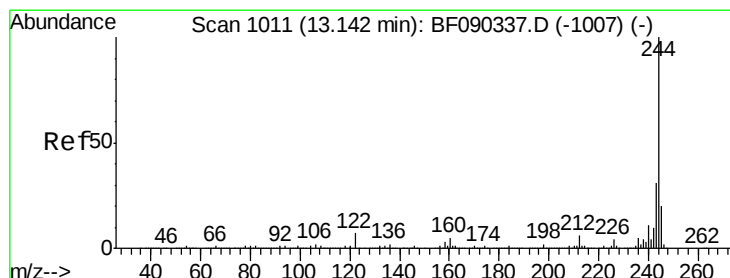
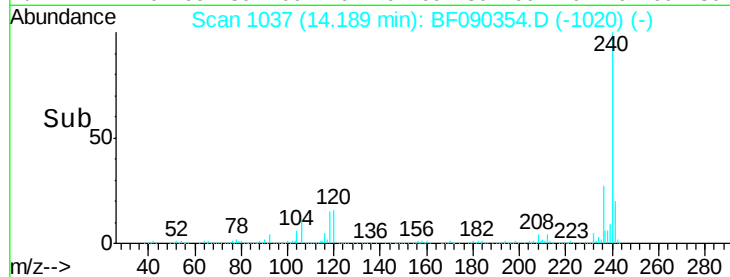
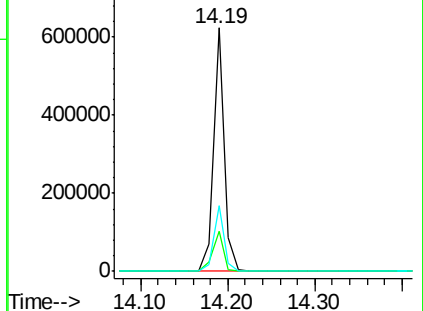
236 27.1 21.6 32.4



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: 79.56 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090354.D

Acq: 4 Oct 2016 20:56

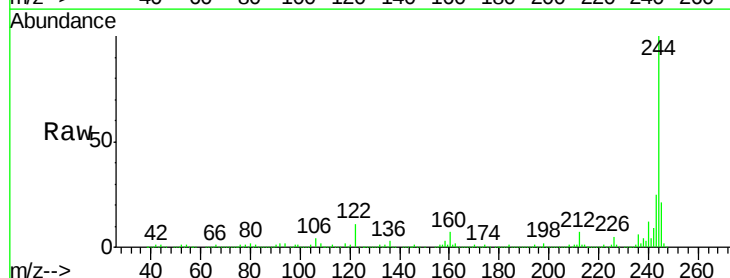
Tgt Ion:244 Resp: 1850881

Ion Ratio Lower Upper

244 100

212 7.3 6.8 10.2

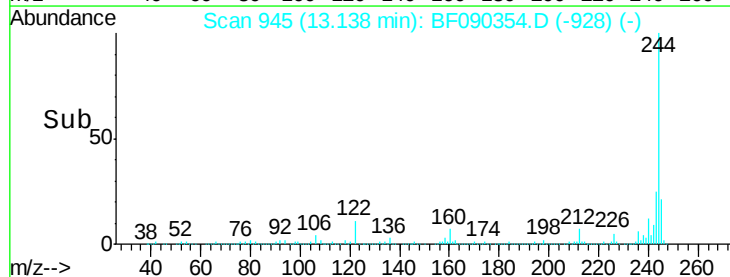
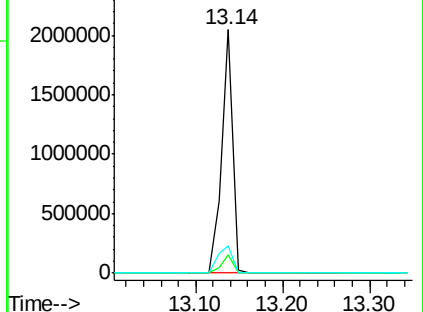
122 11.2 13.3 19.9#

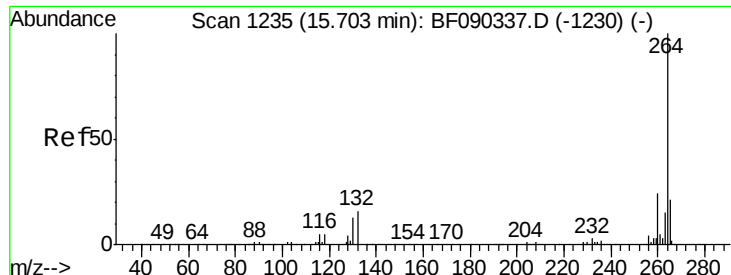


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090354.D
Acq: 4 Oct 2016 20:56

Instrument :
BNA_F
ClientSampleId :
SUP-B050-19-25

Tgt Ion: 264 Resp: 439090
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 21.1 17.4 26.0

