

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090357.D
 Acq On : 4 Oct 2016 22:17
 Operator : UM/SJ
 Sample : H4869-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-01

Quant Time: Oct 05 03:52:55 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

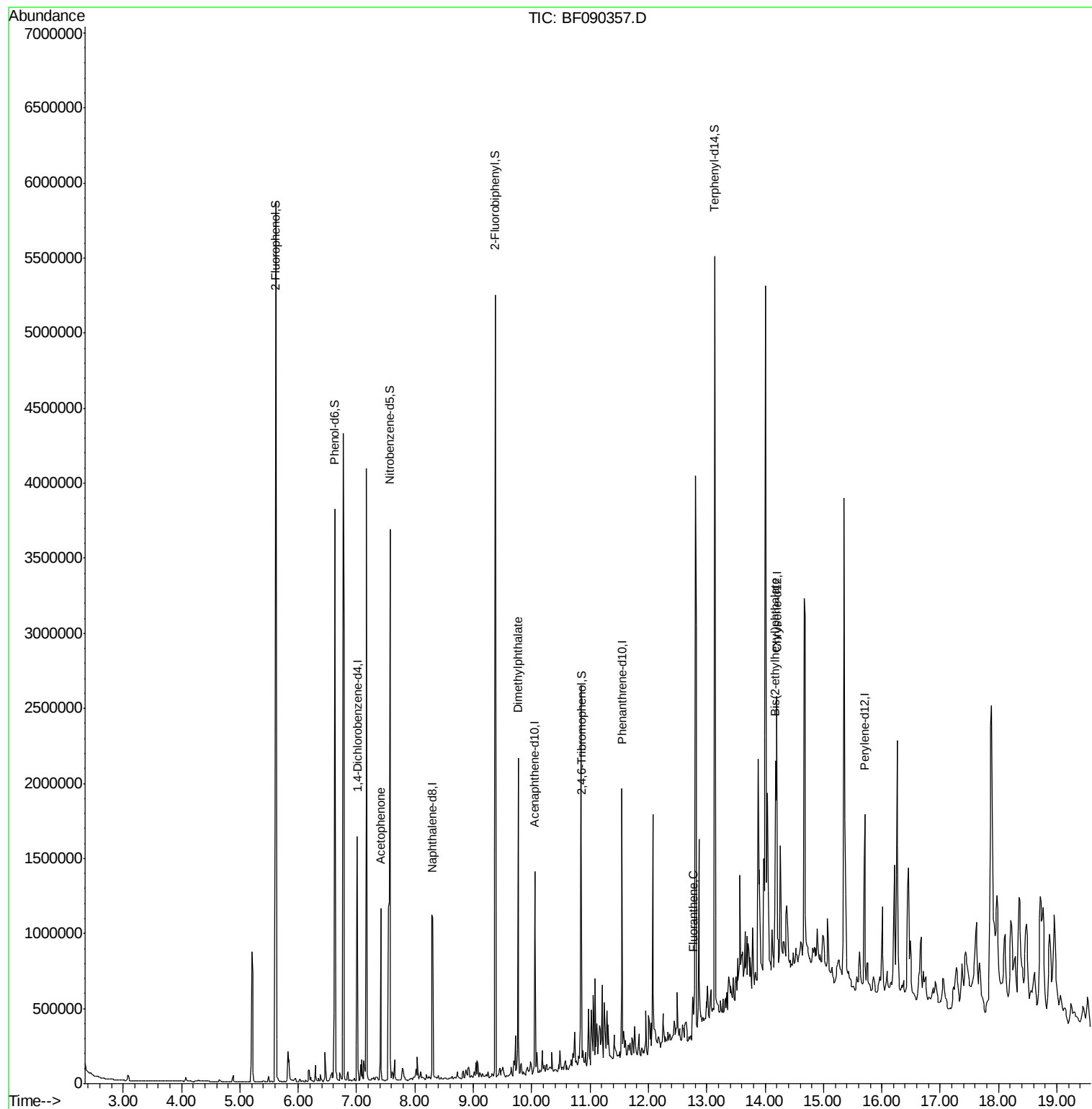
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	211977	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	712993	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	324425	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	584247	20.00	ng	0.00
75) Chrysene-d12	14.20	240	629079	20.00	ng	0.00
86) Perylene-d12	15.71	264	531830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1432121	106.56	ng	0.00
7) Phenol-d6	6.62	99	1845533	109.86	ng	0.00
23) Nitrobenzene-d5	7.57	82	1183015	96.72	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	332598	118.04	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1498048	75.29	ng	0.00
78) Terphenyl-d14	13.14	244	1300522	48.13	ng	0.00
Target Compounds						
22) Acetophenone	7.41	105	284095	17.21	ng	Qvalue # 92
49) Dimethylphthalate	9.77	163	677092	35.26	ng	99
74) Fluoranthene	12.76	202	62885	2.12	ng	97
83) Bis(2-ethylhexyl)phthalate	14.18	149	68422	2.69	ng	# 98

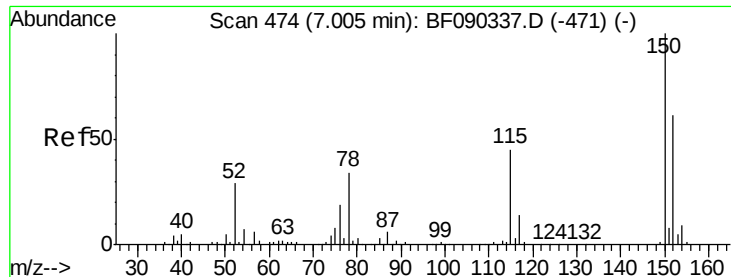
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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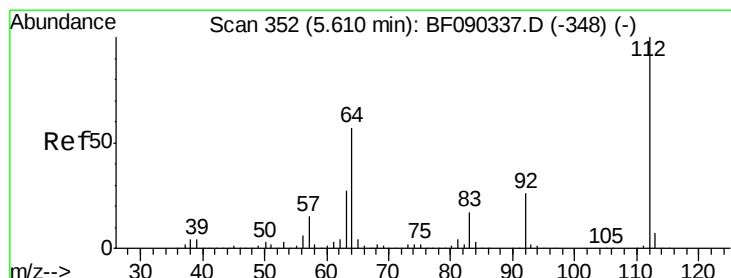
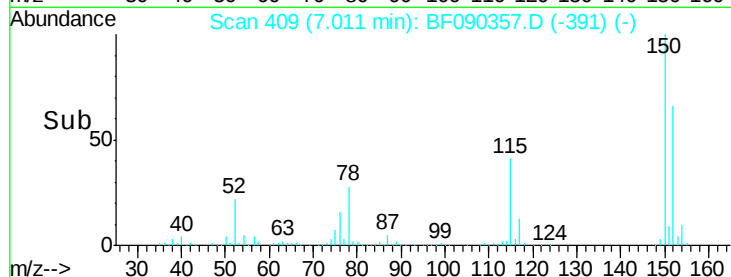
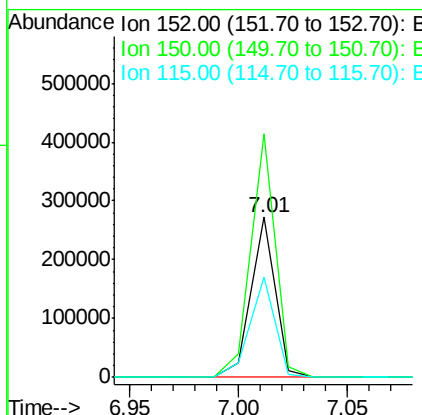
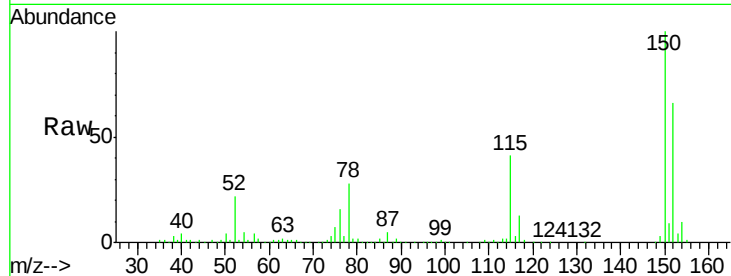


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-01

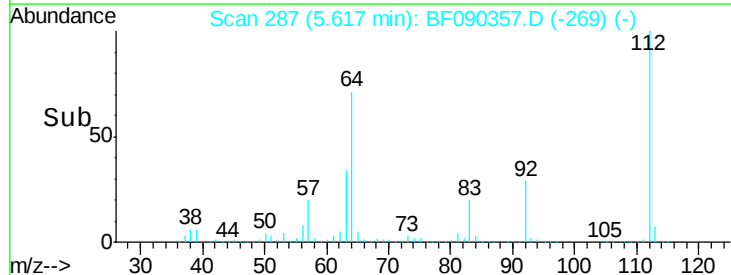
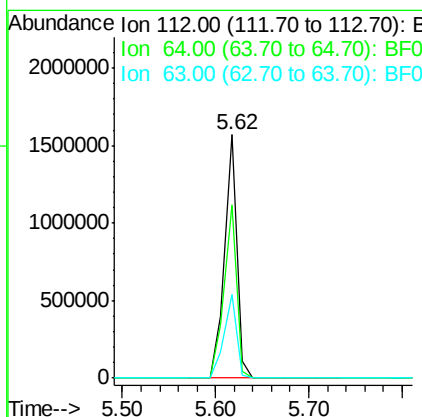
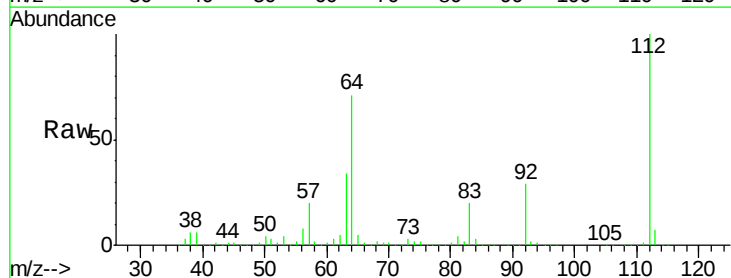
Tgt Ion:152 Resp: 211977
Ion Ratio Lower Upper
152 100
150 151.9 124.6 186.8
115 62.4 46.2 69.4

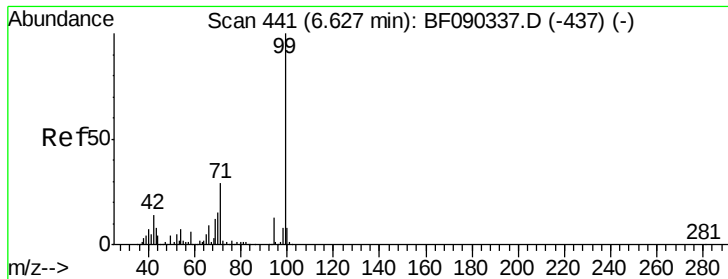


#5

2-Fluorophenol
Concen: 106.56 ng
RT: 5.62 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Tgt Ion:112 Resp: 1432121
Ion Ratio Lower Upper
112 100
64 71.0 57.9 86.9
63 34.2 29.6 44.4





#7

Phenol-d6

Concen: 109.86 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090357.D

Acq: 4 Oct 2016 22:17

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-01

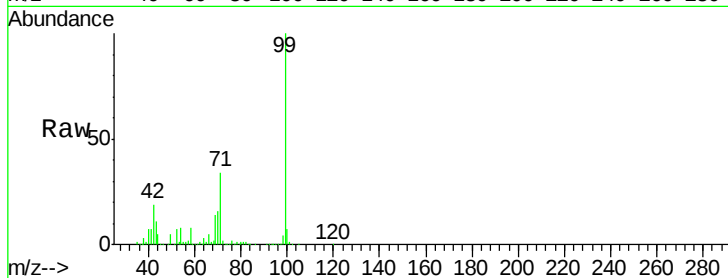
Tgt Ion: 99 Resp: 1845533

Ion Ratio Lower Upper

99 100

42 19.4 20.0 30.0#

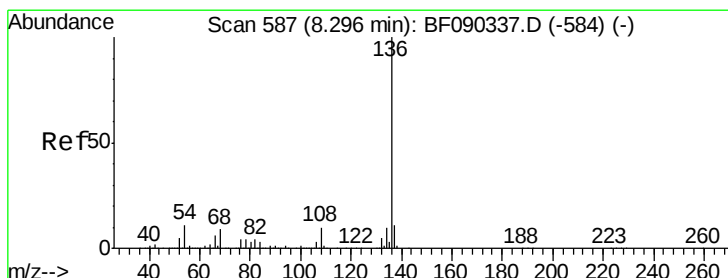
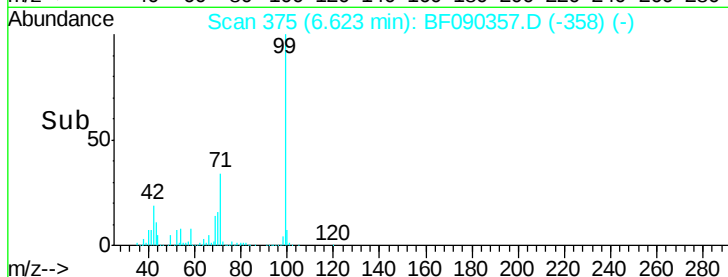
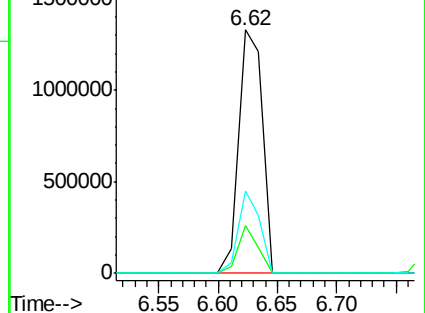
71 34.0 27.9 41.9



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: 8.30 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF090357.D

Acq: 4 Oct 2016 22:17

Tgt Ion: 136 Resp: 712993

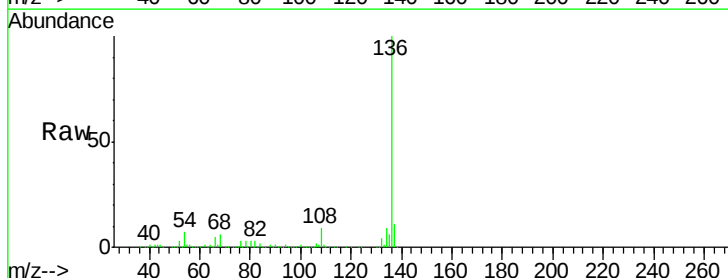
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.6 6.6 10.0#

68 6.0 5.0 7.6

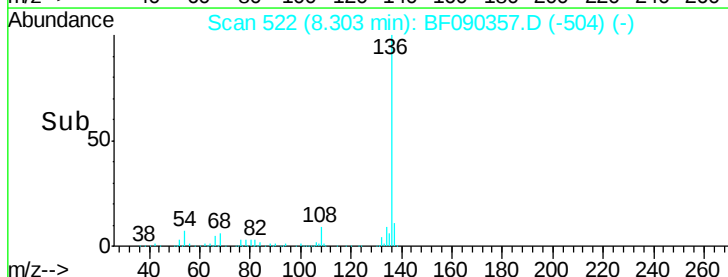
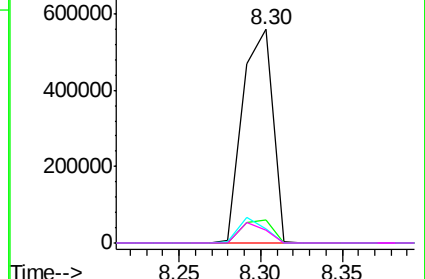


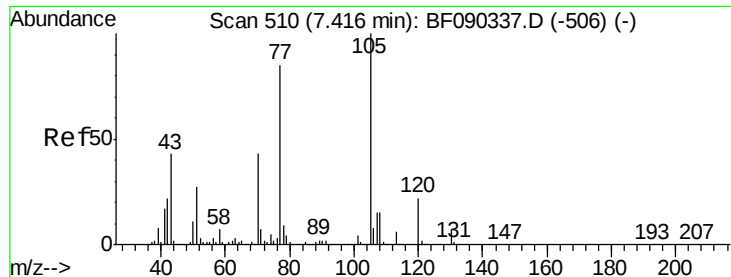
Abundance Ion 136.00 (135.70 to 136.70): E

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: 17.21 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090357.D

Acq: 4 Oct 2016 22:17

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-01

Tgt Ion:105 Resp: 284095

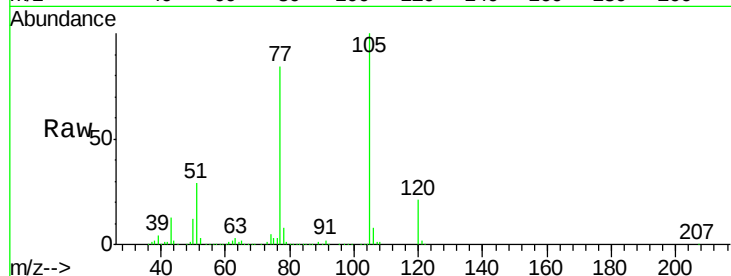
Ion Ratio Lower Upper

105 100

71 0.1 3.8 5.6#

51 28.7 28.2 42.4

120 20.8 17.4 26.2

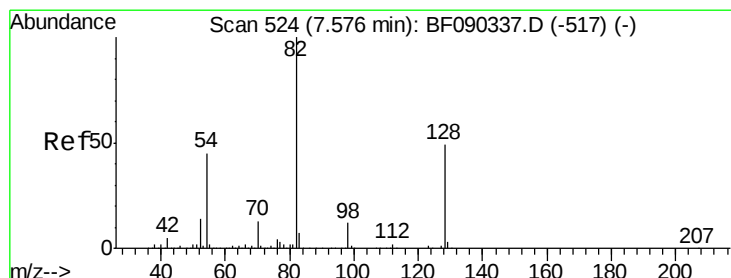
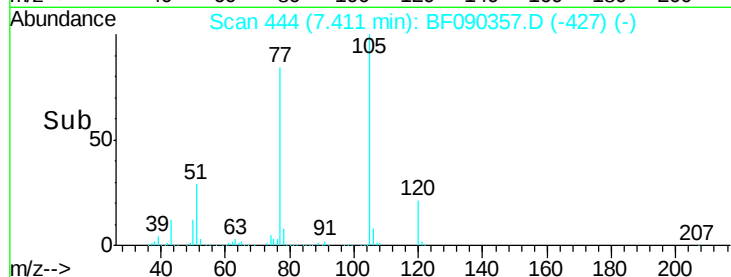
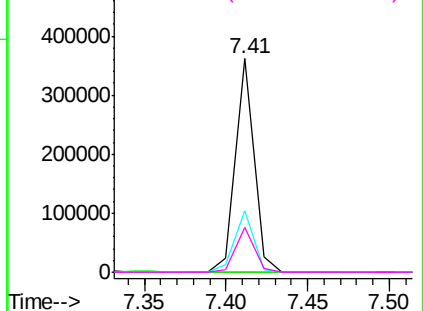


Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.72 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090357.D

Acq: 4 Oct 2016 22:17

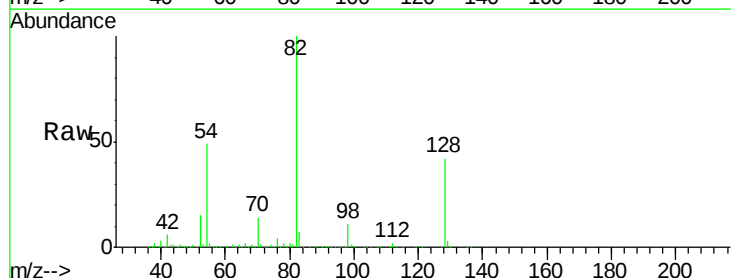
Tgt Ion: 82 Resp: 1183015

Ion Ratio Lower Upper

82 100

128 41.9 40.0 60.0

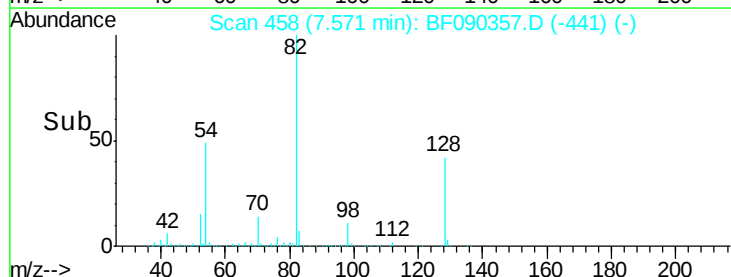
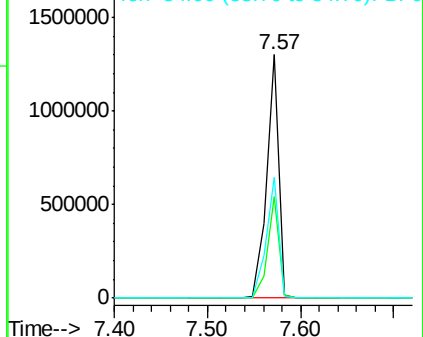
54 49.4 42.6 64.0

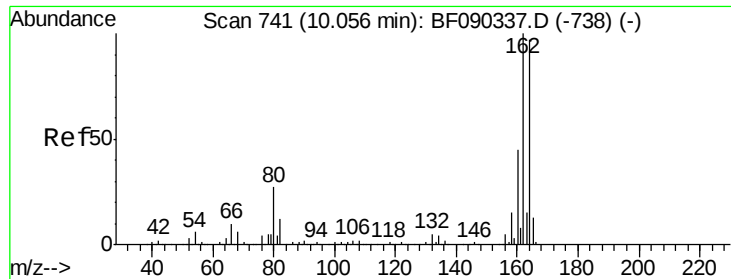


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

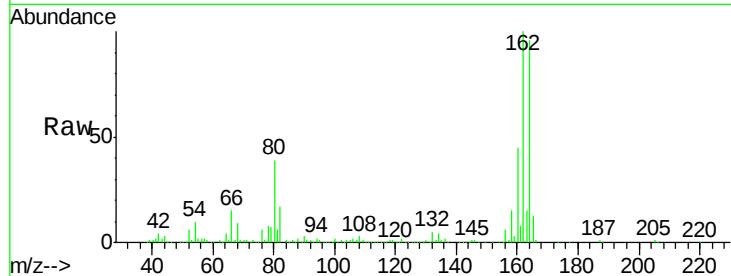




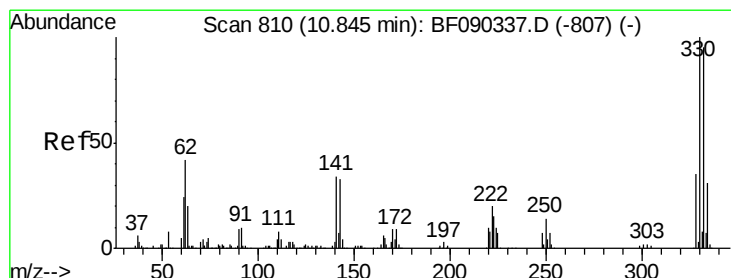
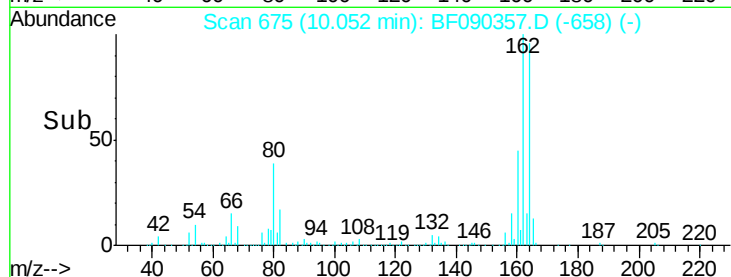
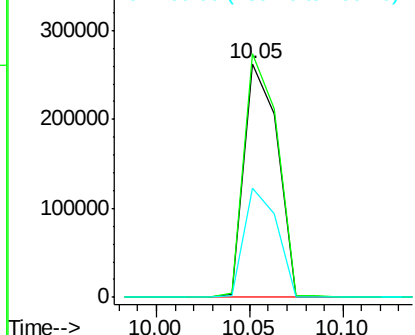
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090357.D
 Acq: 4 Oct 2016 22:17

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-01

Tgt Ion:164 Resp: 324425
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.1 120.1
 160 47.1 36.3 54.5

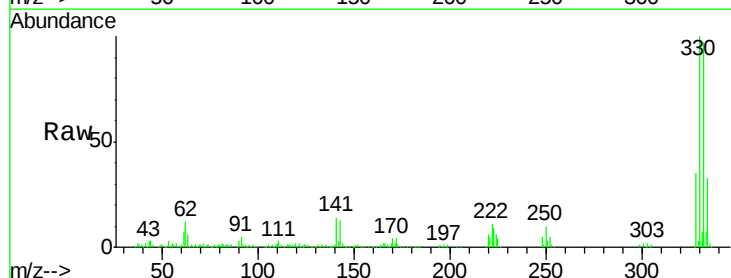


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

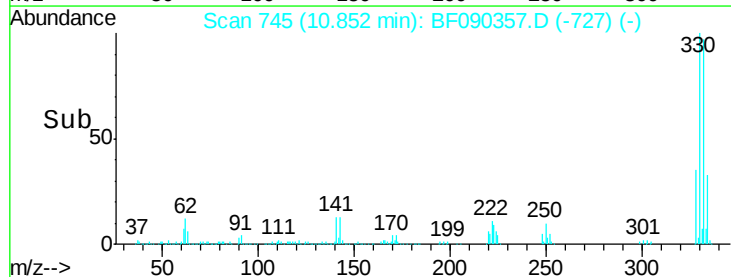
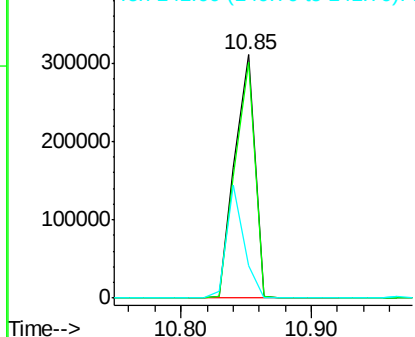


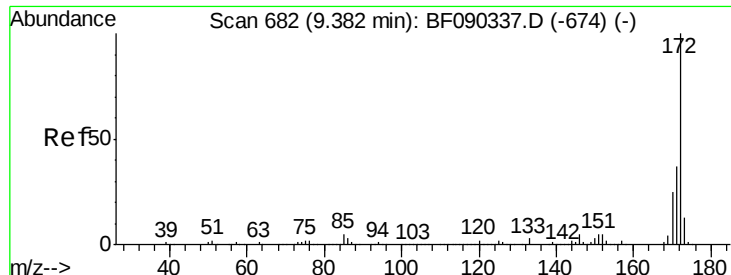
#41
 2,4,6-Tribromophenol
 Concen: 118.04 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090357.D
 Acq: 4 Oct 2016 22:17

Tgt Ion:330 Resp: 332598
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.0
 141 41.3 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

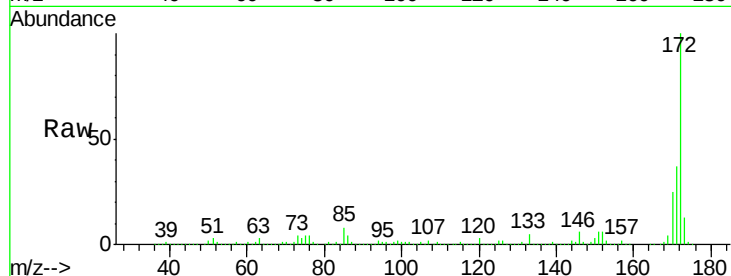




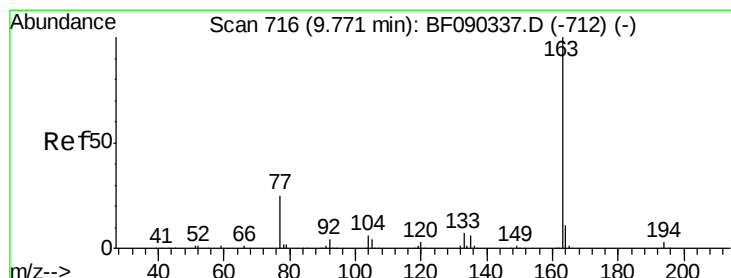
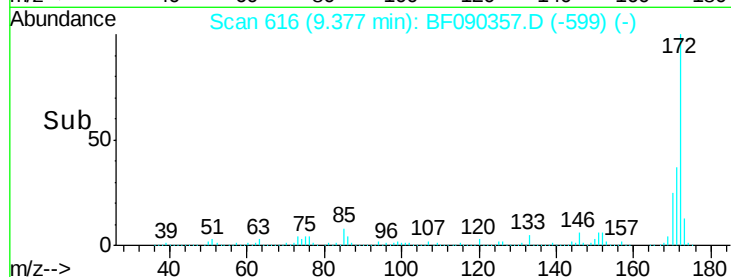
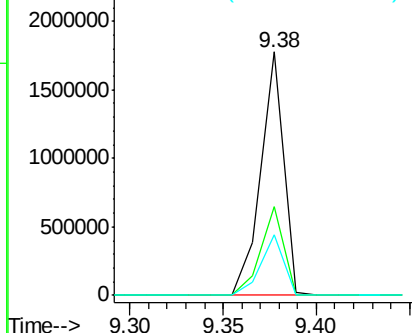
#44
2-Fluorobiphenyl
Concen: 75.29 ng
RT: 9.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-01

Tgt Ion:172 Resp: 1498048
Ion Ratio Lower Upper
172 100
171 36.7 31.8 47.8
170 24.7 21.7 32.5

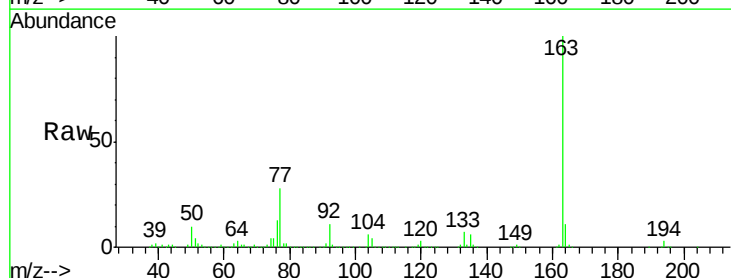


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

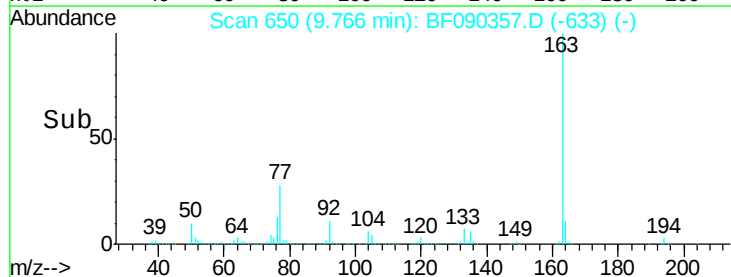
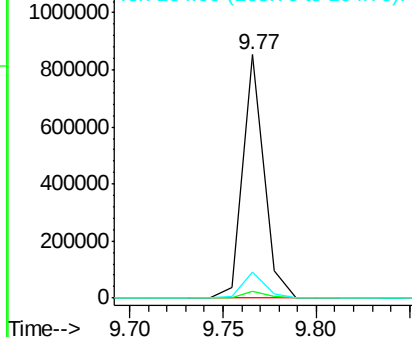


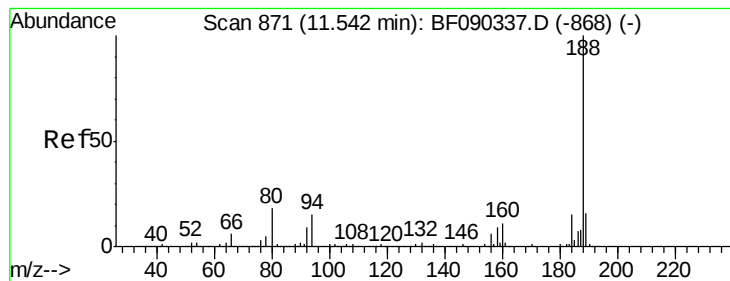
#49
Dimethylphthalate
Concen: 35.26 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Tgt Ion:163 Resp: 677092
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.7 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: BF090357.D

Acq: 4 Oct 2016 22:17

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-01

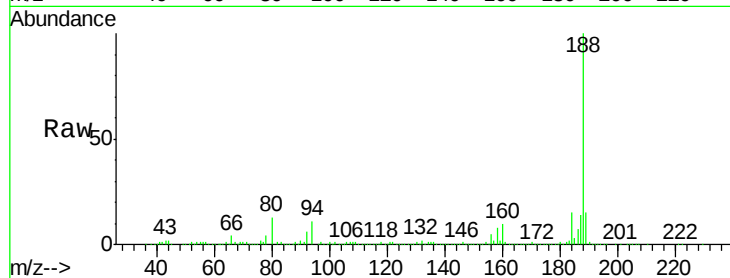
Tgt Ion:188 Resp: 584247

Ion Ratio Lower Upper

188 100

94 11.4 8.2 12.2

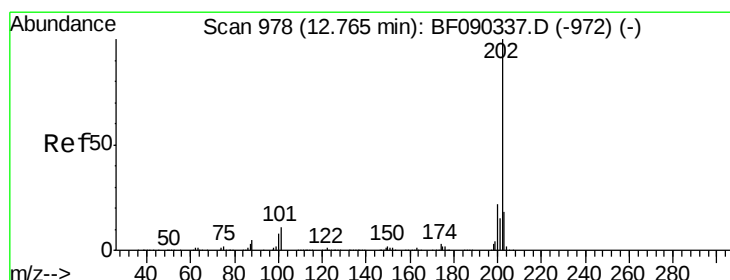
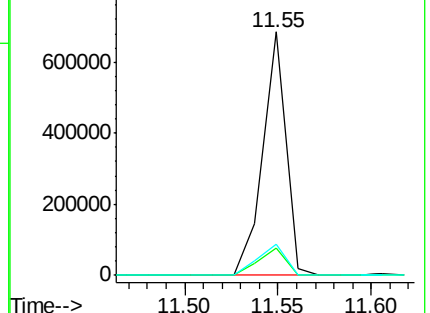
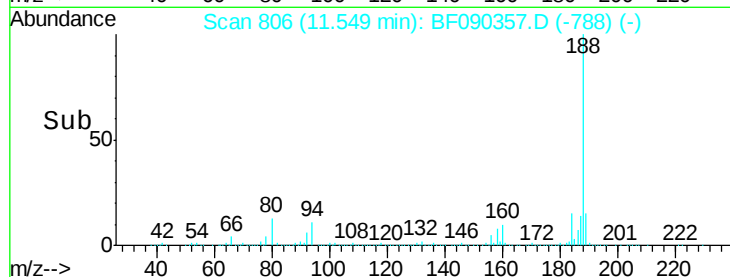
80 13.0 8.8 13.2



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



#74

Fluoranthene

Concen: 2.12 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090357.D

Acq: 4 Oct 2016 22:17

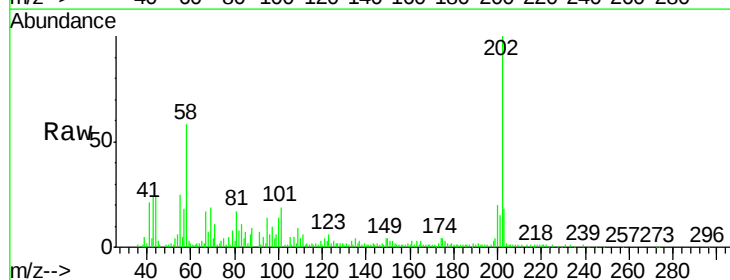
Tgt Ion:202 Resp: 62885

Ion Ratio Lower Upper

202 100

101 18.7 0.0 37.2

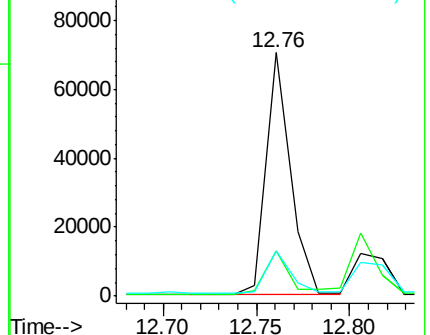
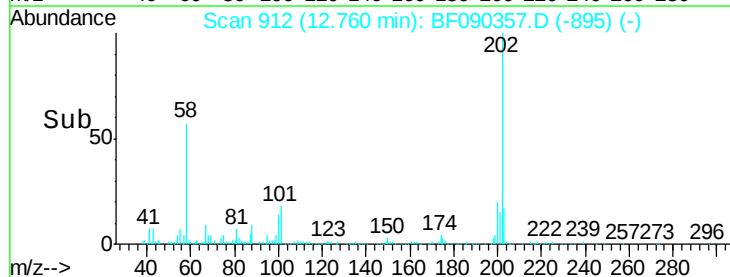
203 18.3 0.0 39.3

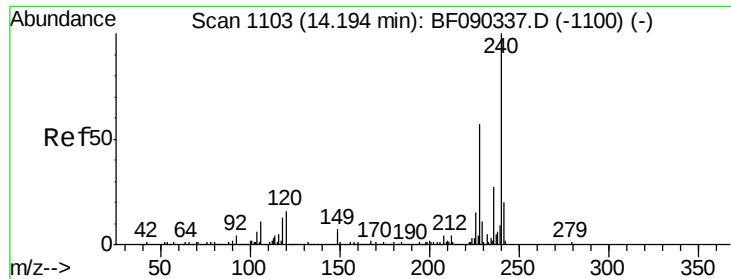


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF090357.D

Acq: 4 Oct 2016 22:17

Instrument :

BNA_F

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TS-WSG-16121-01

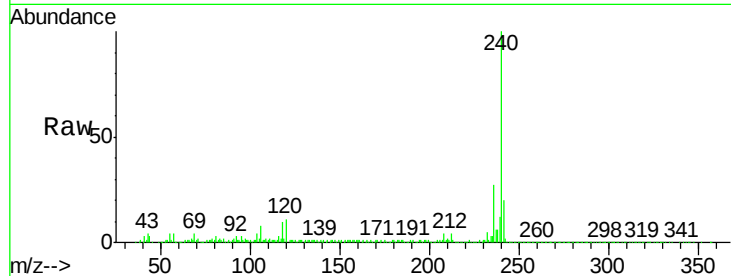
Tgt Ion:240 Resp: 629079

Ion Ratio Lower Upper

240 100

120 11.2 8.6 13.0

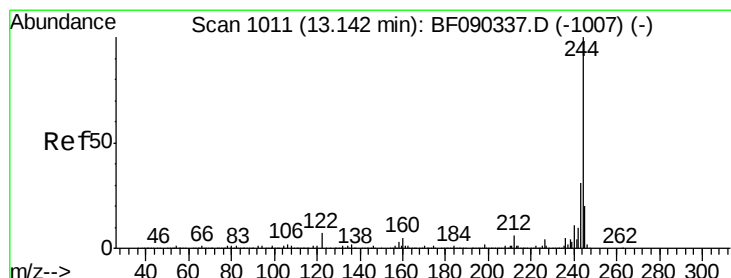
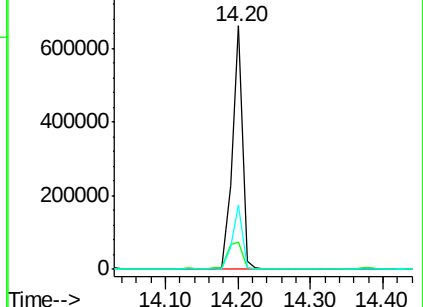
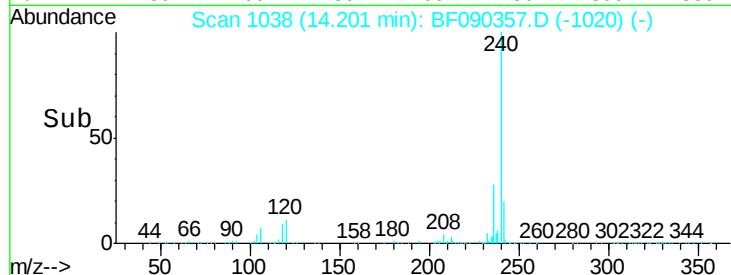
236 26.7 21.6 32.4



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: 48.13 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090357.D

Acq: 4 Oct 2016 22:17

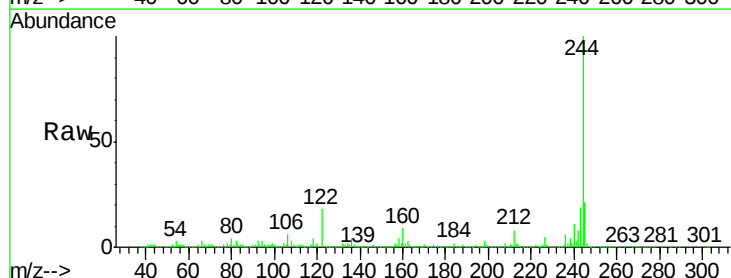
Tgt Ion:244 Resp: 1300522

Ion Ratio Lower Upper

244 100

212 7.7 6.8 10.2

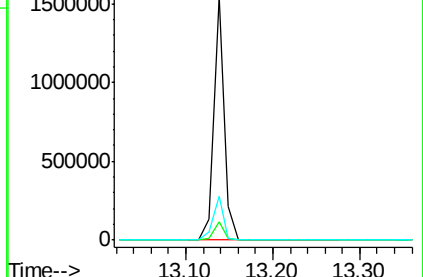
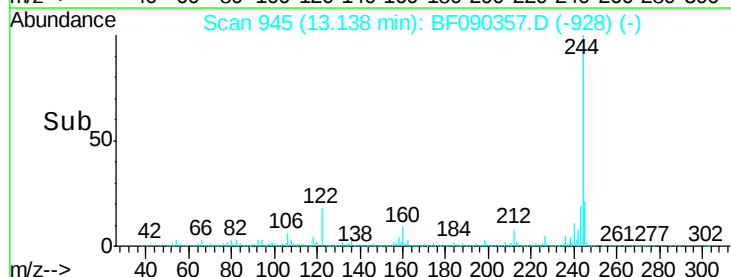
122 18.0 13.3 19.9

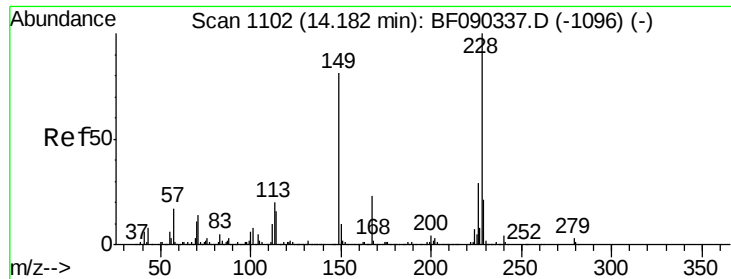


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

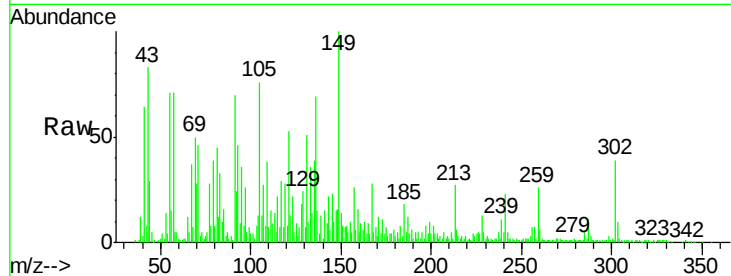




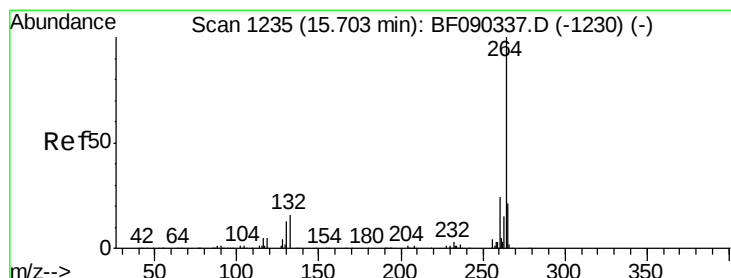
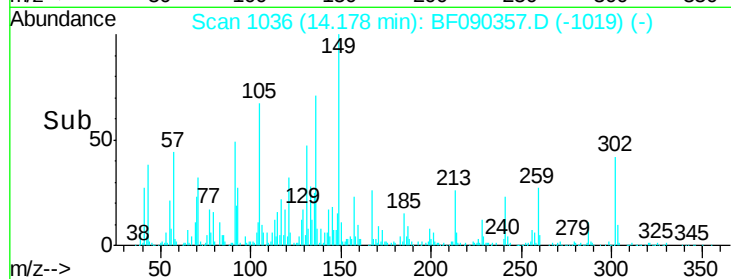
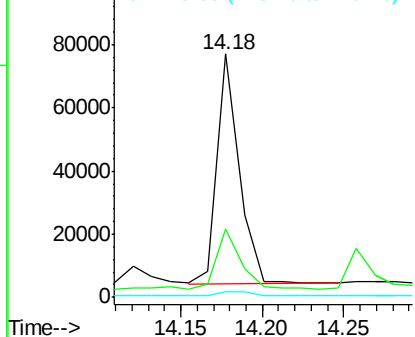
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.69 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090357.D
 Acq: 4 Oct 2016 22:17

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-01

Tgt Ion:149 Resp: 68422
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.5 32.3
 279 2.5 2.6 3.8#

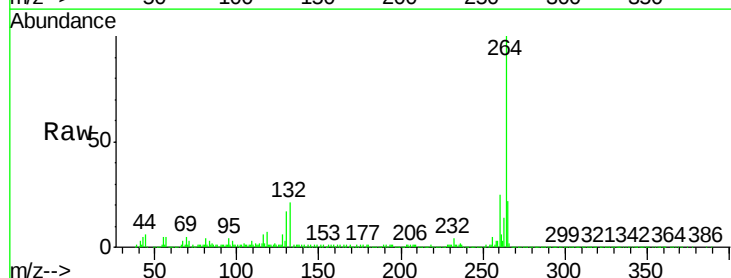


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.71 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF090357.D
 Acq: 4 Oct 2016 22:17

Tgt Ion:264 Resp: 531830
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.3 28.9
 265 21.6 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

