

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
 Data File : BF090955.D
 Acq On : 1 Nov 2016 17:15
 Operator : UM/SJ
 Sample : H5478-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD-1

Quant Time: Nov 01 23:54:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

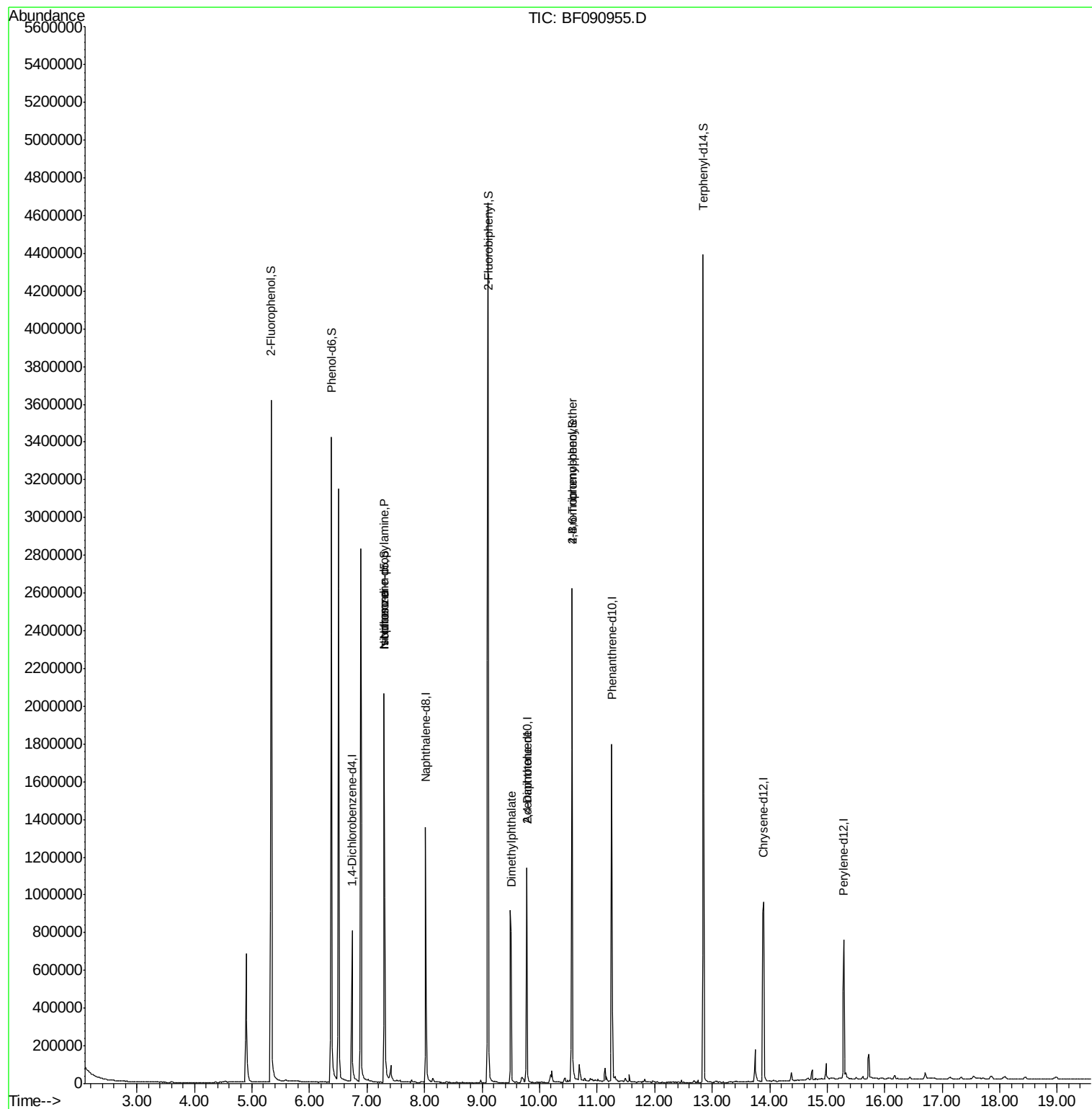
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	156043	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	664056	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	358862	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	629043	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	476033	20.00	ng	-0.01
86) Perylene-d12	15.29	264	329740	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1082581	121.30	ng	0.00
7) Phenol-d6	6.38	99	1646492	136.74	ng	-0.01
23) Nitrobenzene-d5	7.30	82	934344	92.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	437817	118.72	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1670765	81.75	ng	-0.01
78) Terphenyl-d14	12.84	244	1530207	80.99	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	127566	18.32	ng	# 54
25) Isophorone	7.30	82	830845	40.36	ng	# 58
49) Dimethylphthalate	9.50	163	552837	23.06	ng	# 97
56) 2,4-Dinitrotoluene	9.78	165	45570	6.93	ng	# 33
66) 4-Bromophenyl-phenylether	10.57	248	28704	4.17	ng	# 1

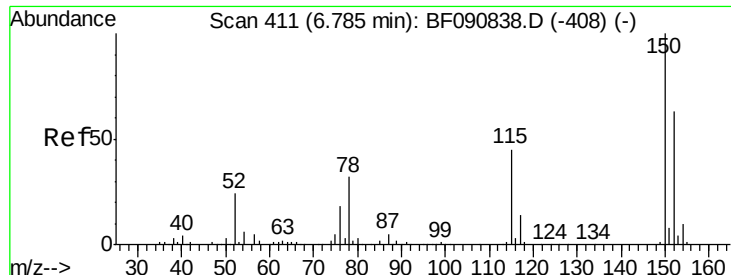
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090955.D
Acq On : 1 Nov 2016 17:15
Operator : UM/SJ
Sample : H5478-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SD-1

Quant Time: Nov 01 23:54:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090955.D

Acq: 1 Nov 2016 17:15

Instrument :

BNA_F

ClientSampled :

SD-1

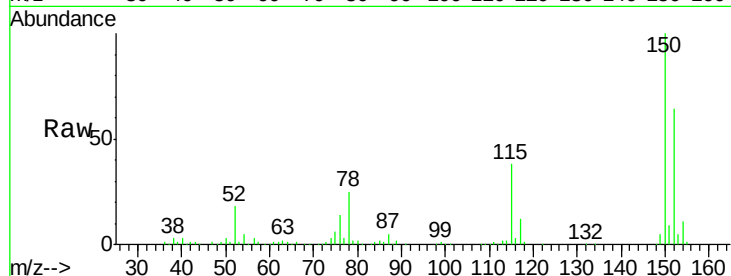
Tgt Ion:152 Resp: 156043

Ion Ratio Lower Upper

152 100

150 155.7 124.7 187.1

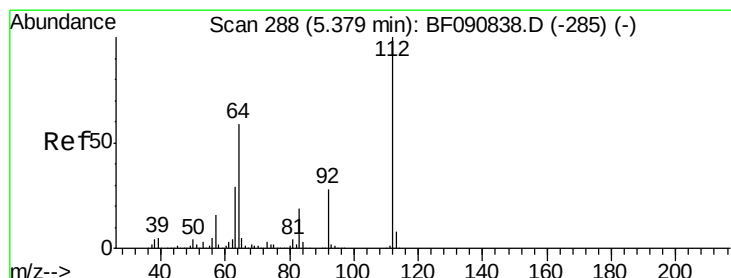
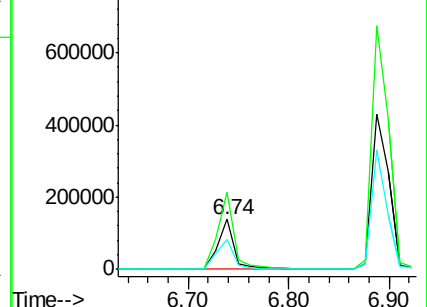
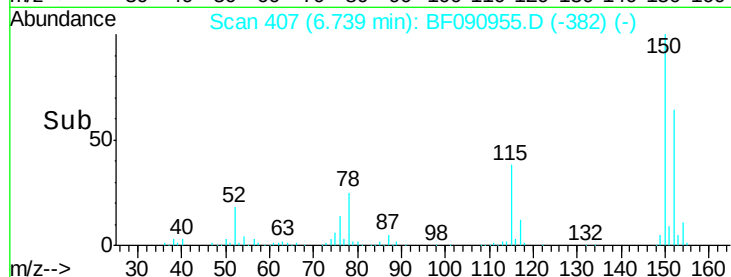
115 59.7 39.0 58.4#



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: 121.30 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF090955.D

Acq: 1 Nov 2016 17:15

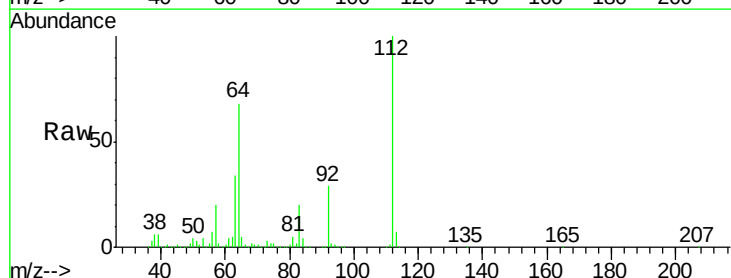
Tgt Ion:112 Resp: 1082581

Ion Ratio Lower Upper

112 100

64 67.5 39.7 59.5#

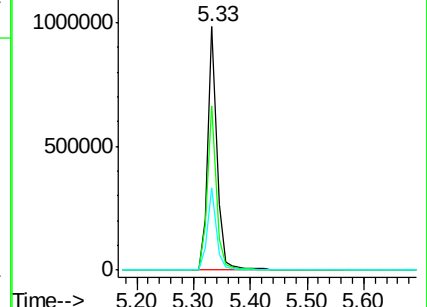
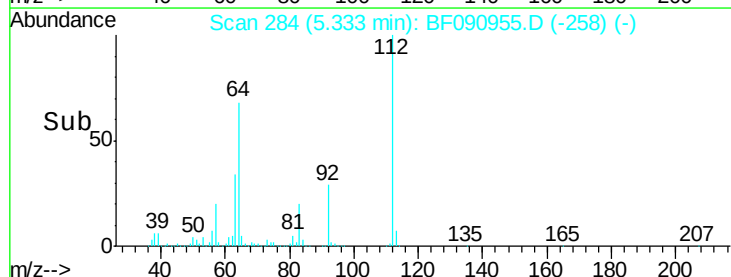
63 33.9 17.4 26.0#

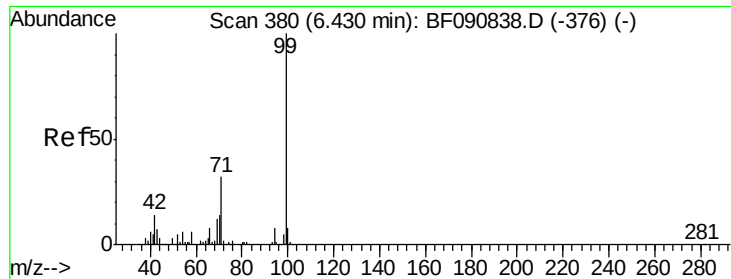


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.74 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090955.D

Acq: 1 Nov 2016 17:15

Instrument :

BNA_F

ClientSampleId :

SD-1

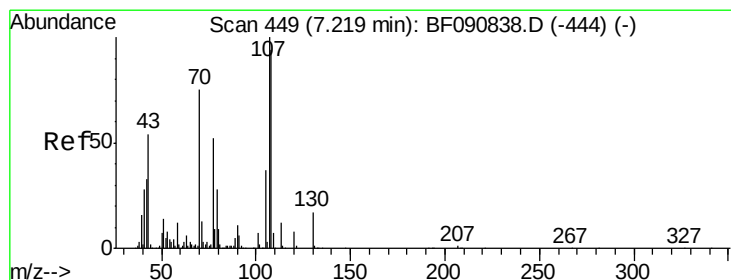
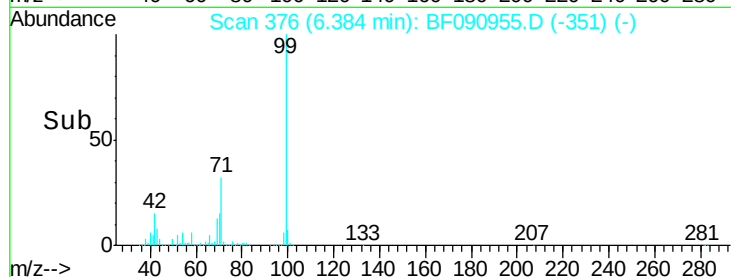
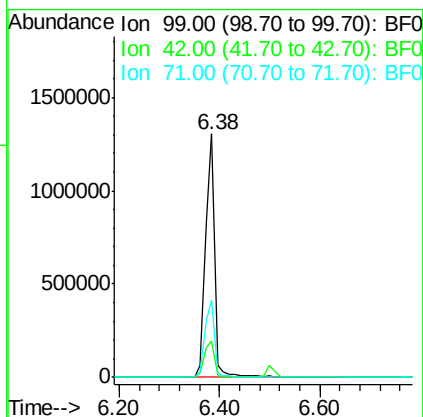
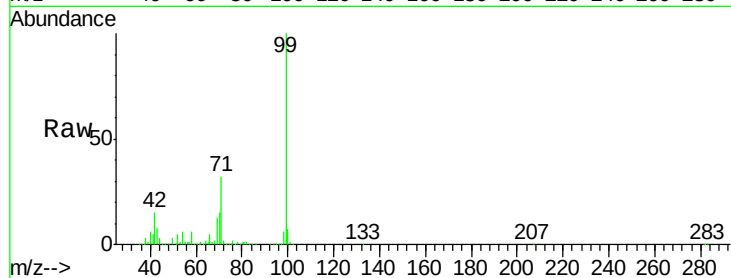
Tgt Ion: 99 Resp: 1646492

Ion Ratio Lower Upper

99 100

42 14.7 13.7 20.5

71 32.0 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 18.32 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.13 min

Lab File: BF090955.D

Acq: 1 Nov 2016 17:15

Tgt Ion: 70 Resp: 127566

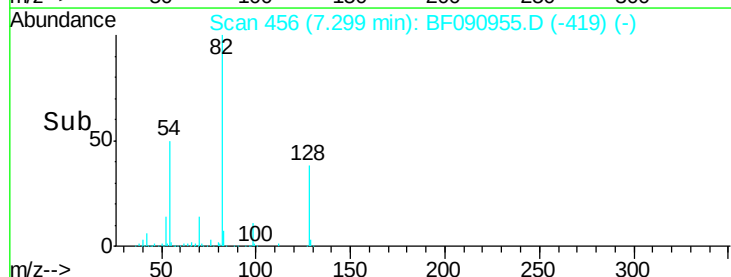
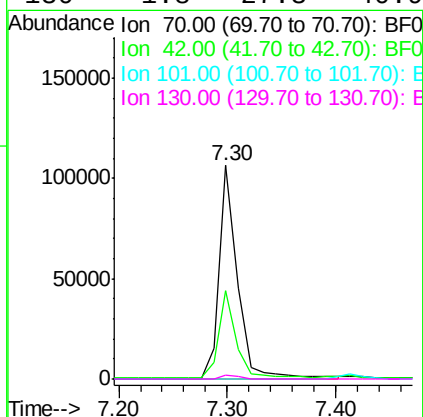
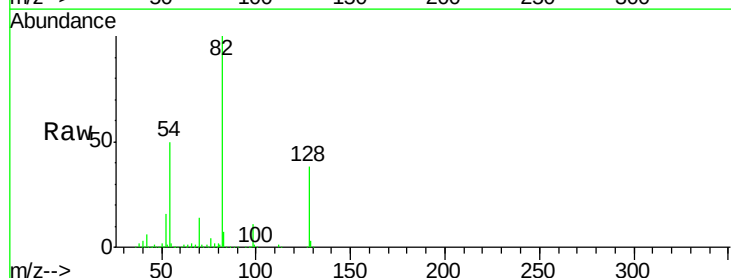
Ion Ratio Lower Upper

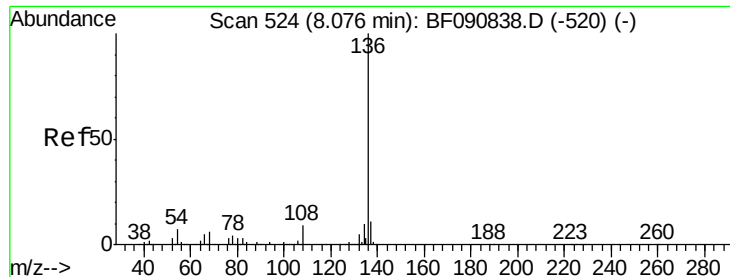
70 100

42 41.5 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF090955.D

Acq: 1 Nov 2016 17:15

Instrument :

BNA_F

ClientSampleId :

SD-1

Tgt Ion:136 Resp: 664056

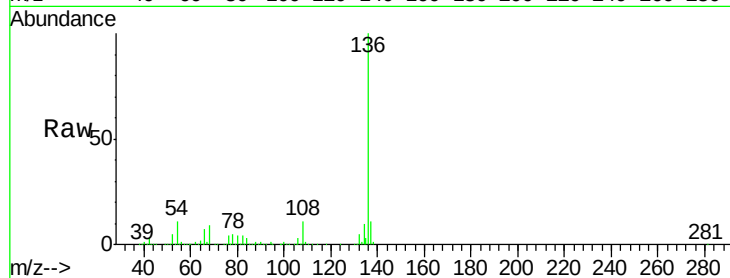
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 10.9 8.2 12.2

68 9.0 5.8 8.6#

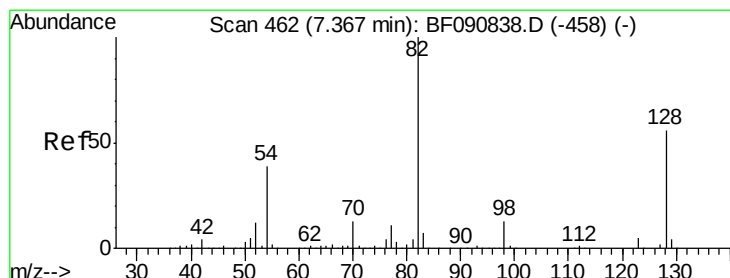
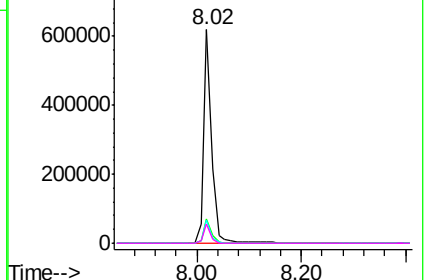
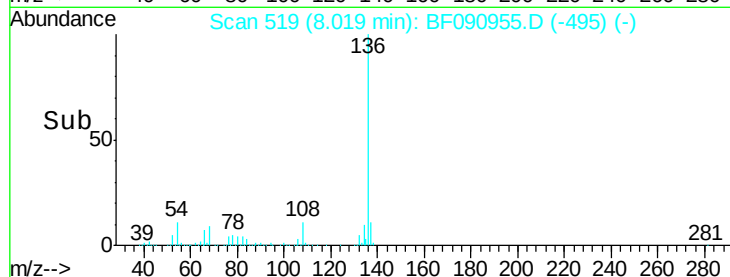


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.11 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090955.D

Acq: 1 Nov 2016 17:15

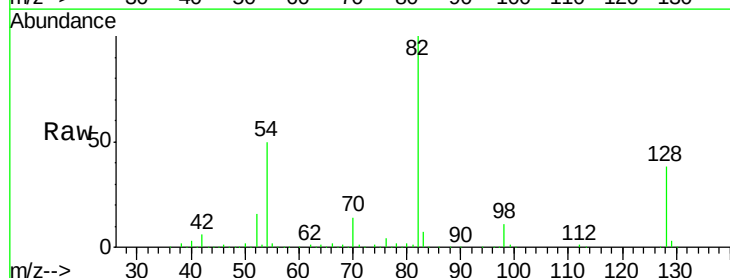
Tgt Ion: 82 Resp: 934344

Ion Ratio Lower Upper

82 100

128 38.0 51.0 76.6#

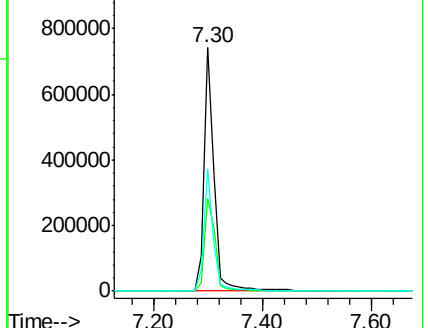
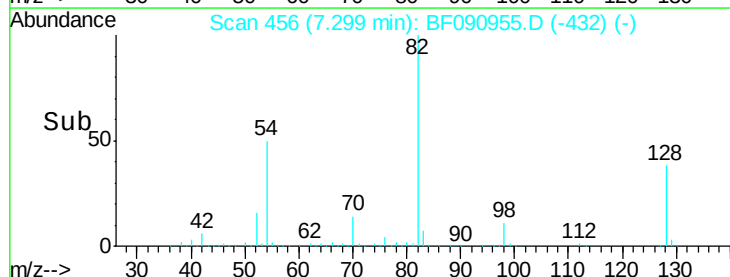
54 50.4 47.5 71.3

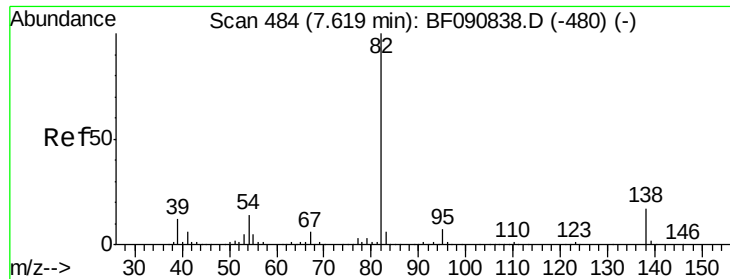


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.36 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.29 min

Lab File: BF090955.D

Acq: 1 Nov 2016 17:15

Instrument :

BNA_F

ClientSampleId :

SD-1

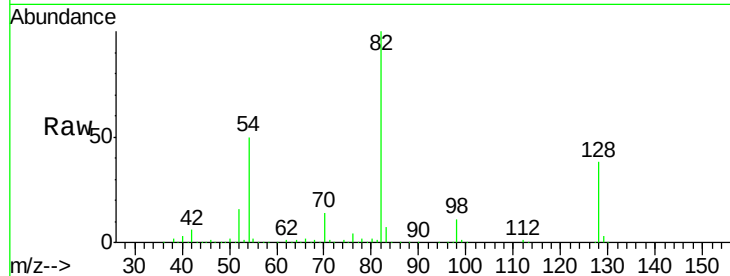
Tgt Ion: 82 Resp: 830845

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

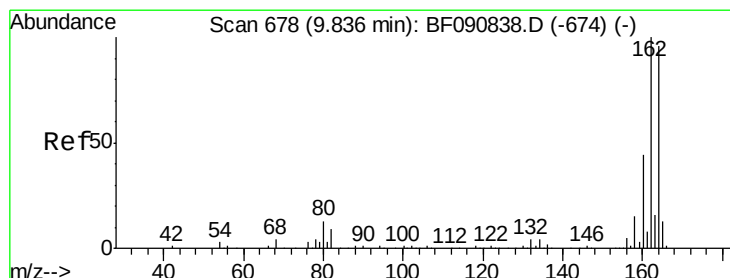
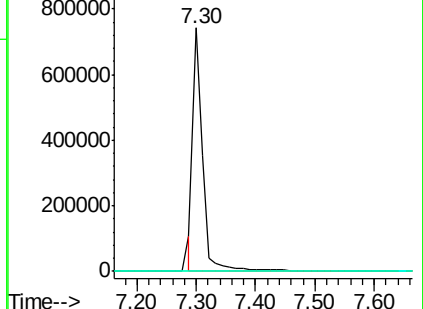
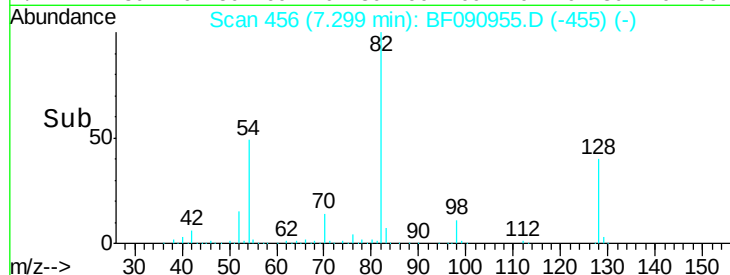
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF090955.D

Acq: 1 Nov 2016 17:15

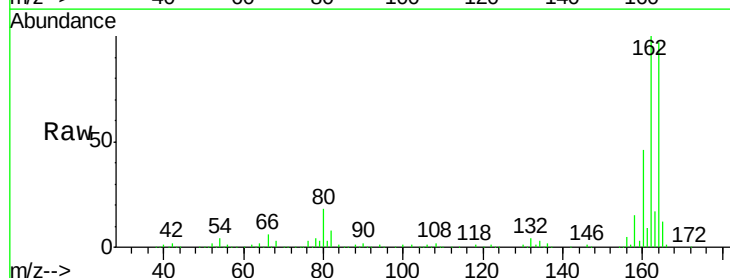
Tgt Ion: 164 Resp: 358862

Ion Ratio Lower Upper

164 100

162 102.6 75.2 112.8

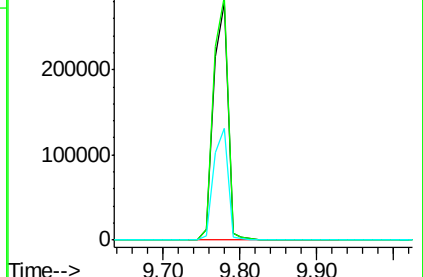
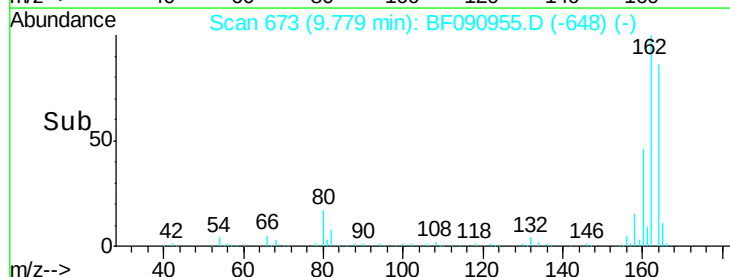
160 47.2 31.5 47.3

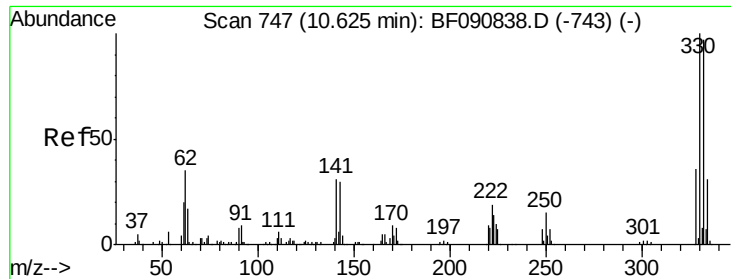


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

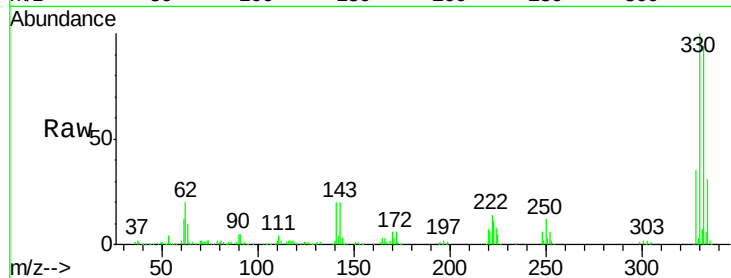




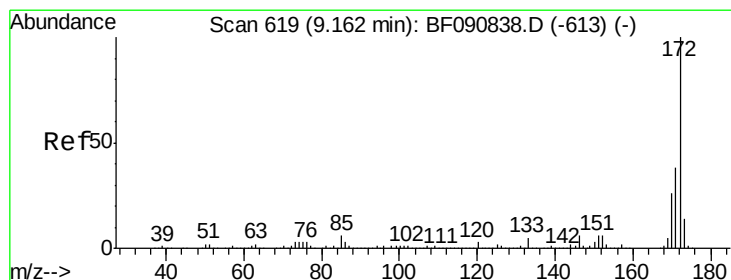
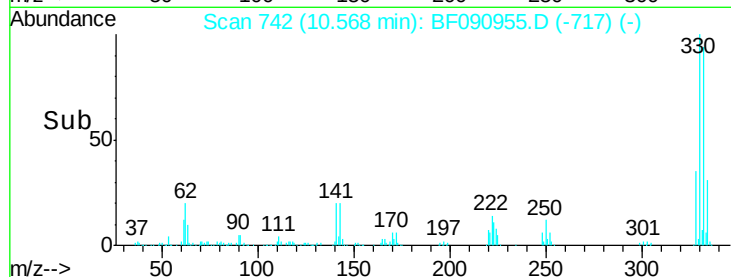
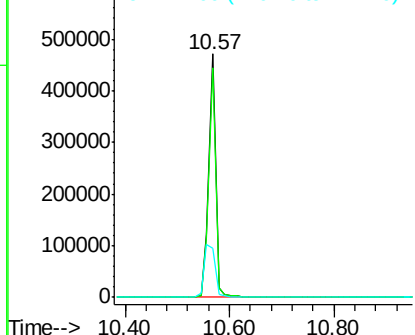
#41
 2,4,6-Tribromophenol
 Concen: 118.72 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF090955.D
 Acq: 1 Nov 2016 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SD-1

Tgt Ion:330 Resp: 437817
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 114.8
 141 34.3 29.7 44.5

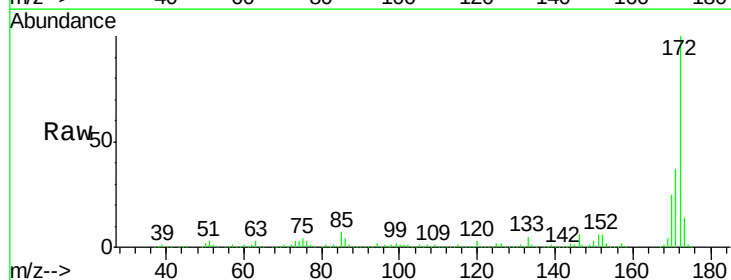


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

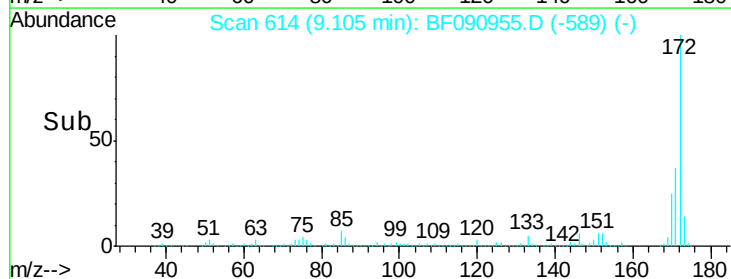
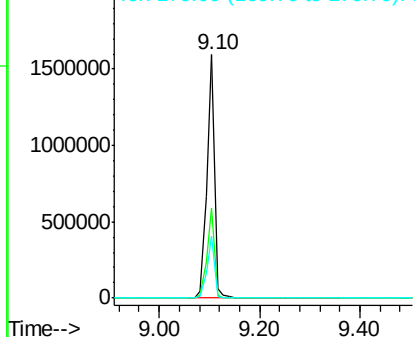


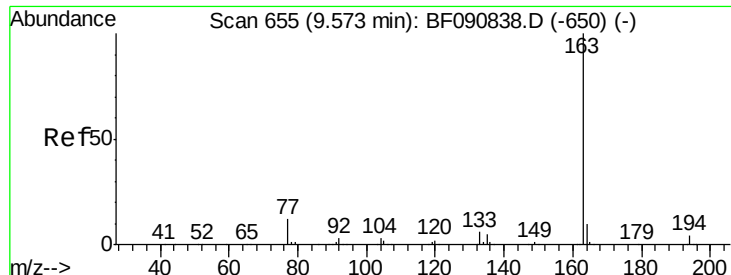
#44
 2-Fluorobiphenyl
 Concen: 81.75 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF090955.D
 Acq: 1 Nov 2016 17:15

Tgt Ion:172 Resp: 1670765
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.1 39.1
 170 25.5 17.4 26.2



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: 23.06 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF090955.D

Acq: 1 Nov 2016 17:15

Instrument :

BNA_F

ClientSampled :

SD-1

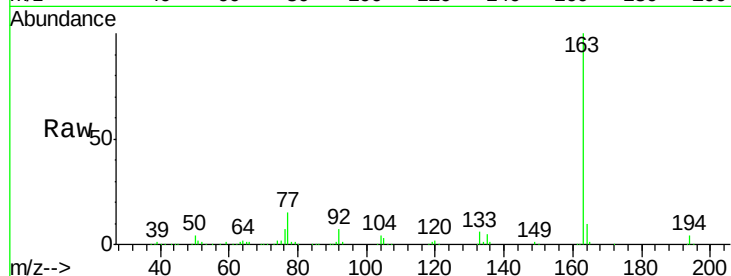
Tgt Ion:163 Resp: 552837

Ion Ratio Lower Upper

163 100

194 3.8 4.4 6.6#

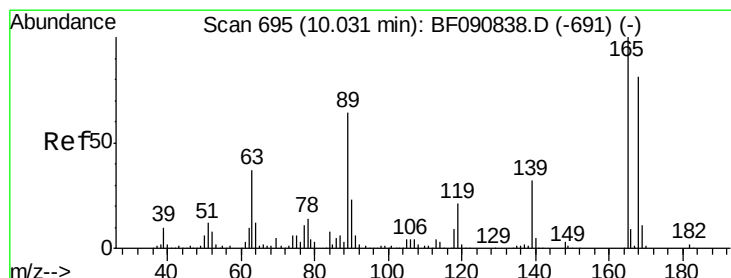
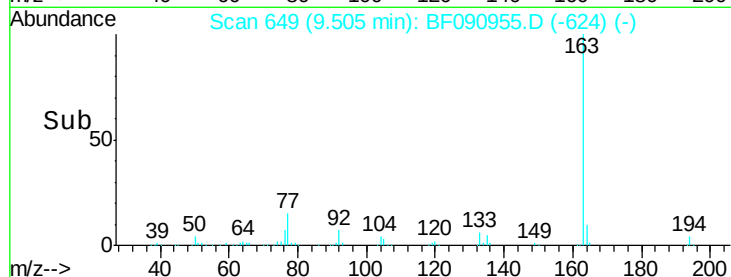
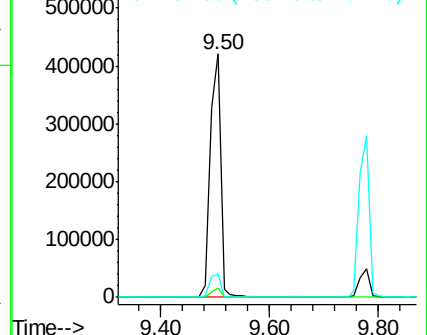
164 9.8 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.93 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.21 min

Lab File: BF090955.D

Acq: 1 Nov 2016 17:15

Tgt Ion:165 Resp: 45570

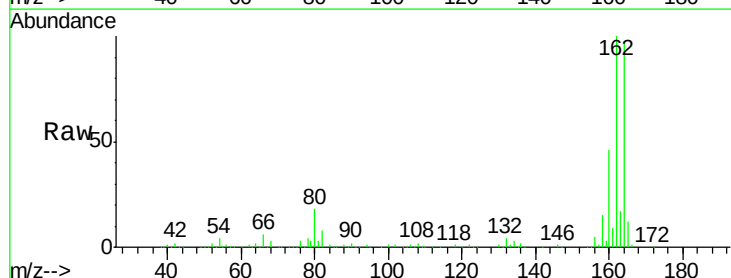
Ion Ratio Lower Upper

165 100

63 0.9 29.8 44.6#

89 0.9 44.5 66.7#

182 0.0 3.0 4.4#

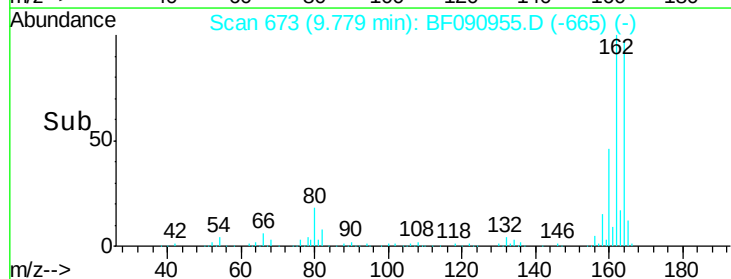
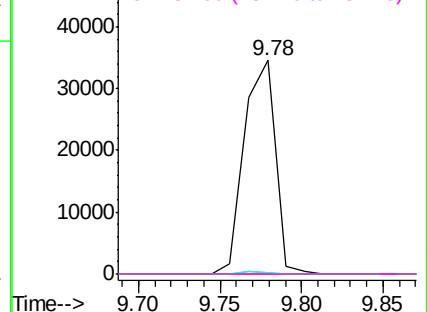


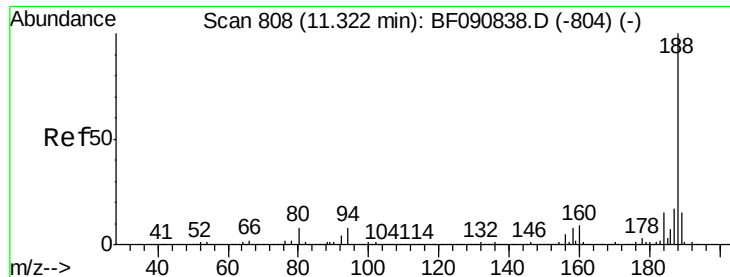
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

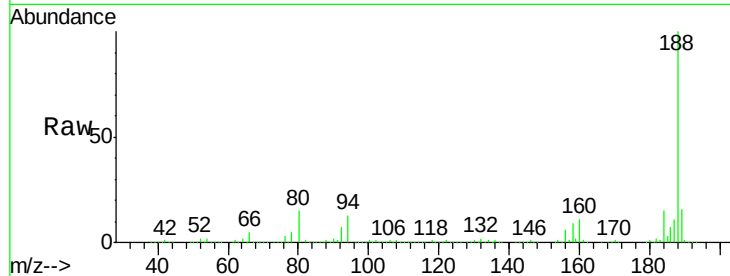




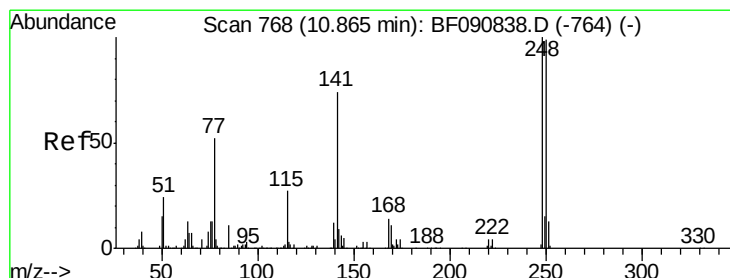
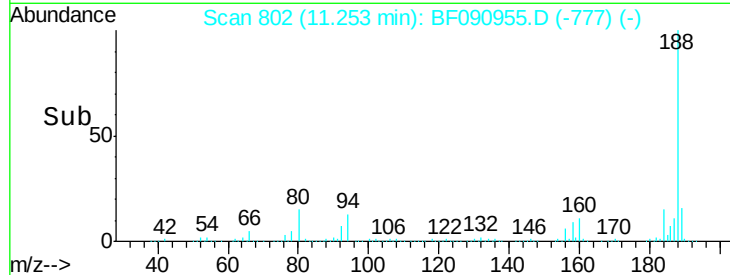
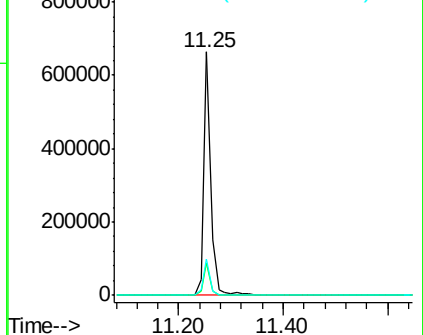
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF090955.D
Acq: 1 Nov 2016 17:15

Instrument :
BNA_F
ClientSampleId :
SD-1

Tgt Ion:188 Resp: 629043
Ion Ratio Lower Upper
188 100
94 13.5 11.1 16.7
80 15.0 11.0 16.4

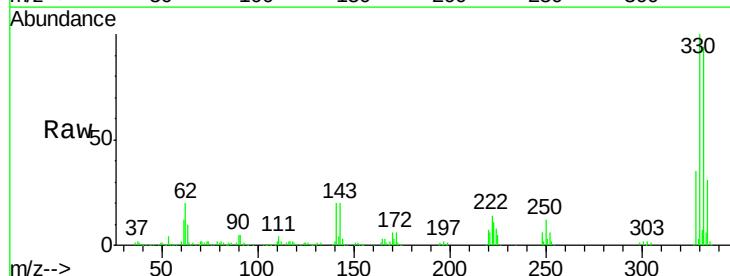


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

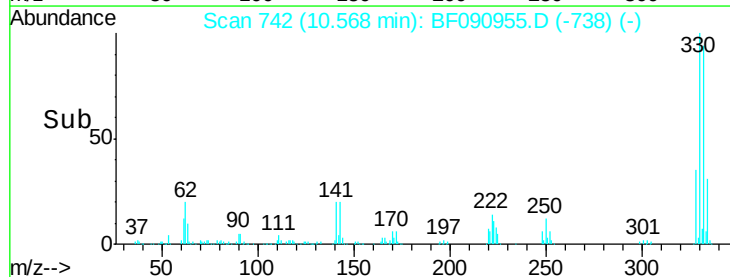
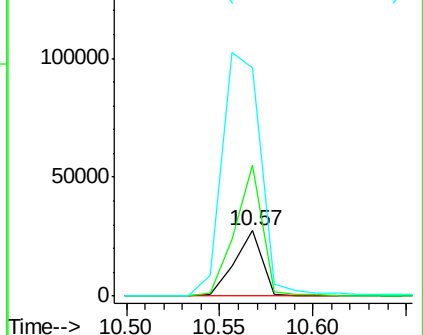


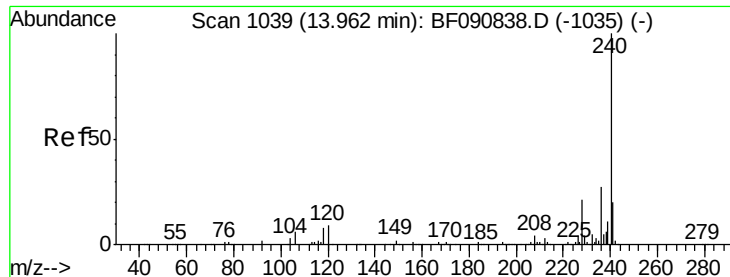
#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF090955.D
Acq: 1 Nov 2016 17:15

Tgt Ion:248 Resp: 28704
Ion Ratio Lower Upper
248 100
250 200.9 78.5 117.7#
141 349.5 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF090955.D

Acq: 1 Nov 2016 17:15

Instrument :

BNA_F

ClientSampled :

SD-1

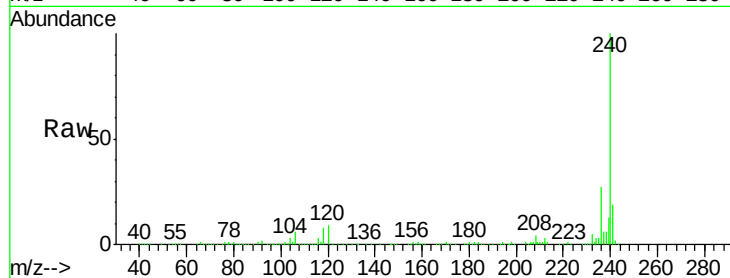
Tgt Ion:240 Resp: 476033

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

236 27.0 18.4 27.6

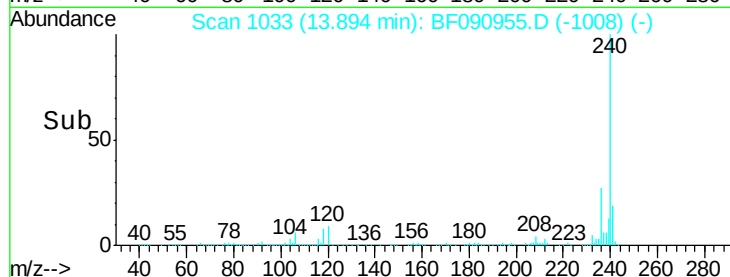


Abundance Ion 240.00 (239.70 to 240.70): E

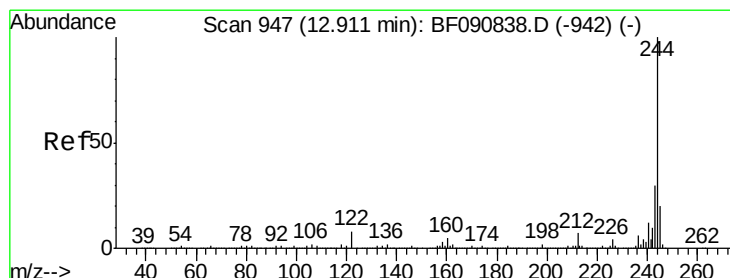
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.89



Time-->



#78

Terphenyl-d14

Concen: 80.99 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090955.D

Acq: 1 Nov 2016 17:15

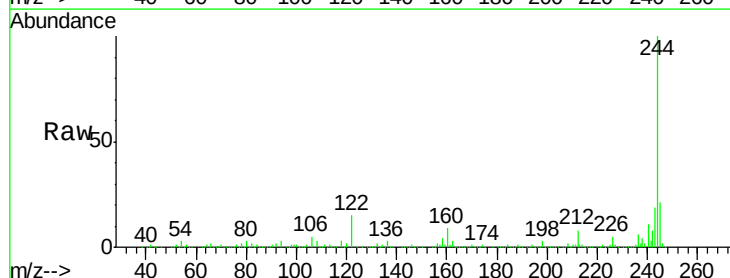
Tgt Ion:244 Resp: 1530207

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

122 15.0 17.4 26.2#

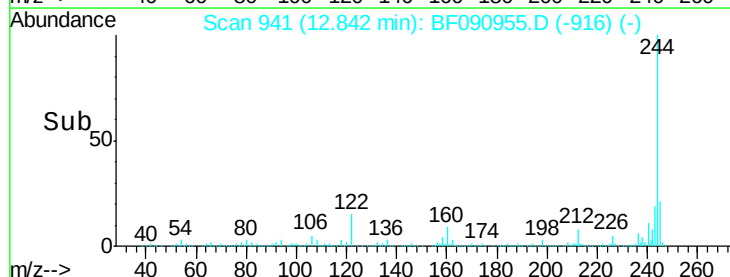


Abundance Ion 244.00 (243.70 to 244.70): E

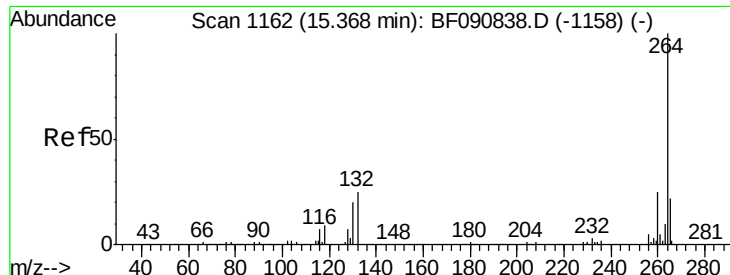
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.84



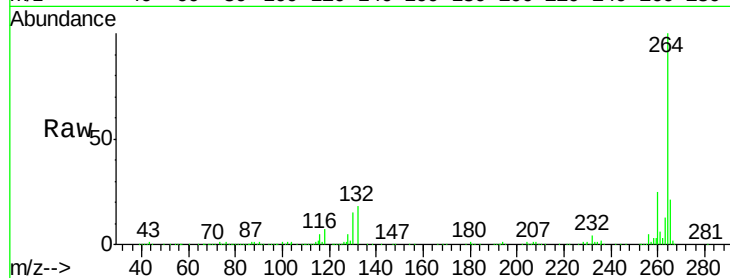
Time-->



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090955.D
Acq: 1 Nov 2016 17:15

Instrument :
BNA_F
ClientSampleId :
SD-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	16.7	25.1#
265	21.4	17.2	25.8



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

