

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010317\
 Data File : BF092060.D
 Acq On : 3 Jan 2017 14:59
 Operator : UM/SJ
 Sample : PB95719BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BL

Quant Time: Jan 04 00:06:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

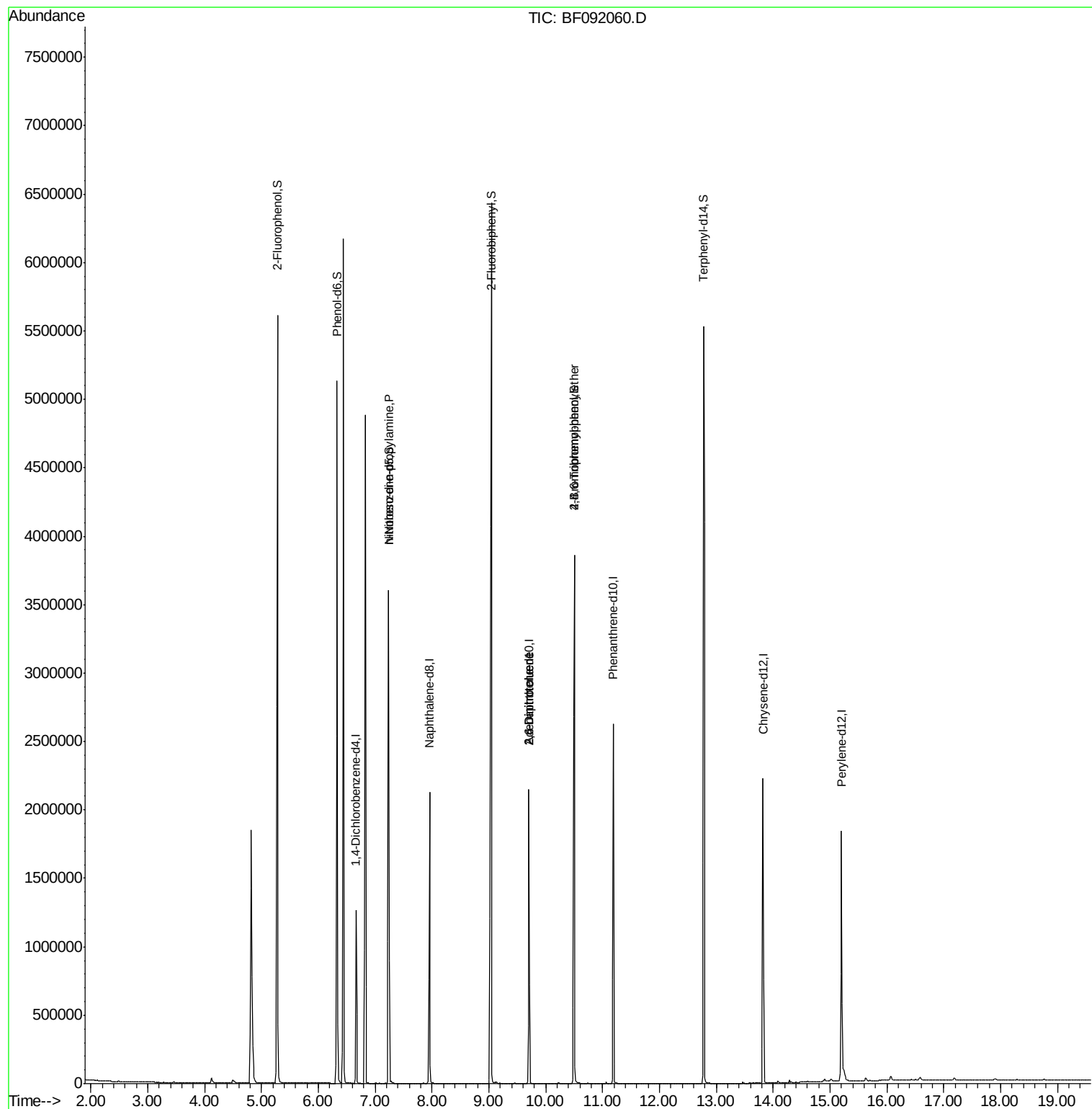
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	207349	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	1053193	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	539402	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	979876	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	834367	20.00	ng	-0.05
86) Perylene-d12	15.20	264	798470	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1716240	138.20	ng	-0.04
7) Phenol-d6	6.33	99	2002608	132.09	ng	-0.05
23) Nitrobenzene-d5	7.24	82	1369629	72.31	ng	-0.05
41) 2,4,6-Tribromophenol	10.50	330	600785	134.59	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	2711339	106.21	ng	-0.04
78) Terphenyl-d14	12.78	244	2633866	76.56	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	178969	17.74	ng	# 76
50) 2,6-Dinitrotoluene	9.70	165	68854	9.12	ng	# 30
56) 2,4-Dinitrotoluene	9.70	165	68854	7.26	ng	# 19
66) 4-Bromophenyl-phenylether	10.50	248	39961	3.92	ng	# 1
71) Anthracene	11.19	178	331	Below Cal		# 1
73) Di-n-butylphthalate	11.76	149	929	Below Cal		# 76

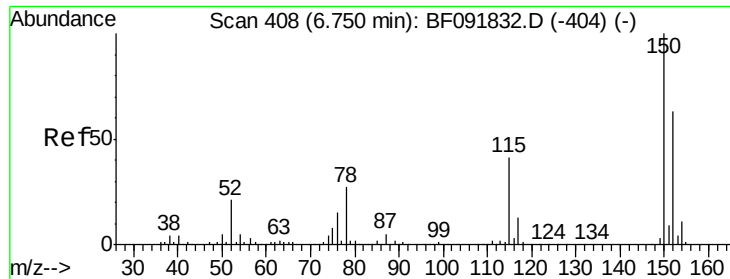
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB95723BL

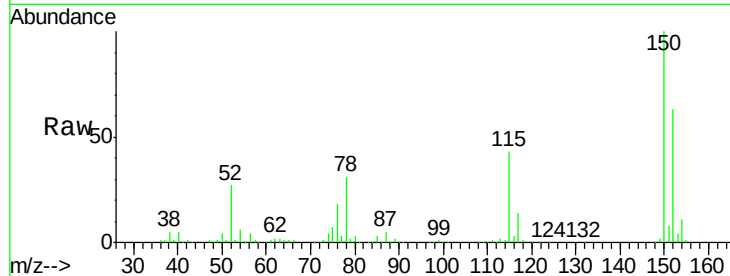
Tgt Ion:152 Resp: 207349

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

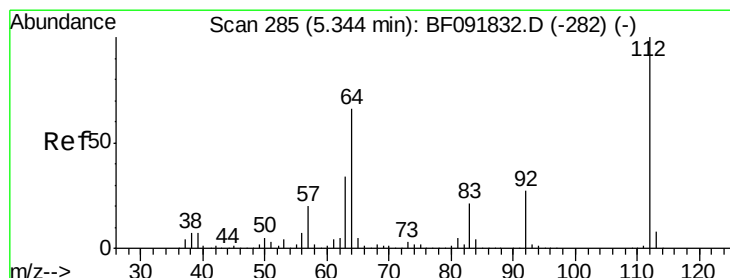
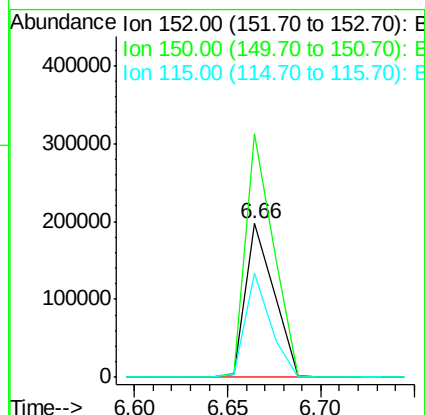
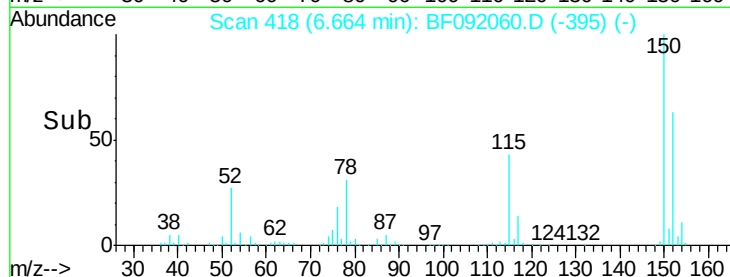
115 68.1 46.0 69.0



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: 138.20 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.04 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

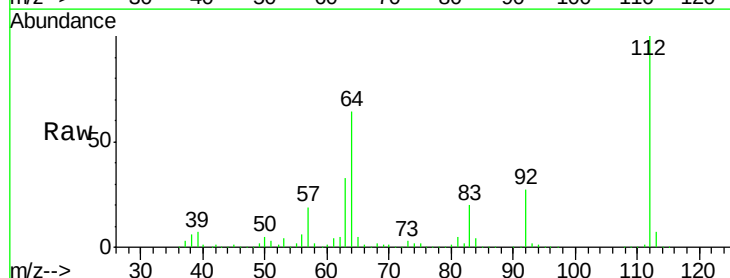
Tgt Ion:112 Resp: 1716240

Ion Ratio Lower Upper

112 100

64 64.2 46.1 69.1

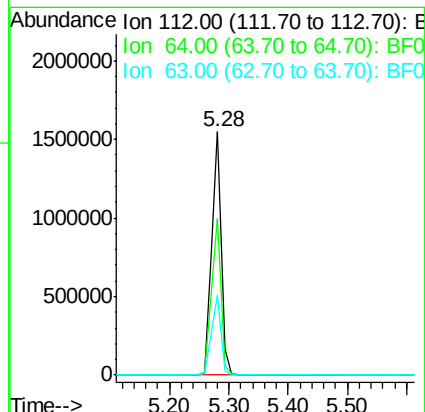
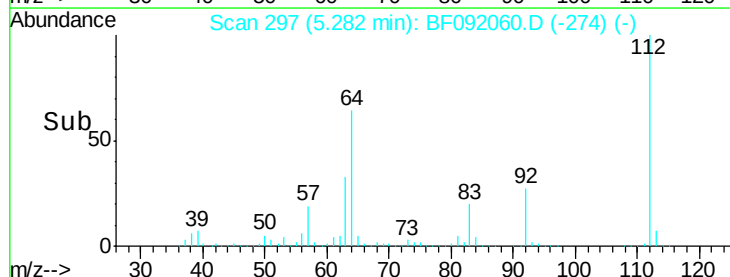
63 32.9 23.8 35.6

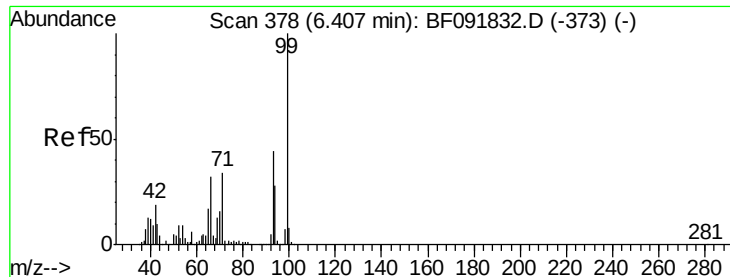


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.09 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB95723BL

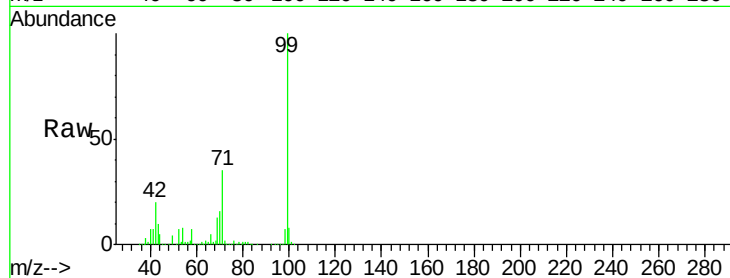
Tgt Ion: 99 Resp: 2002608

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

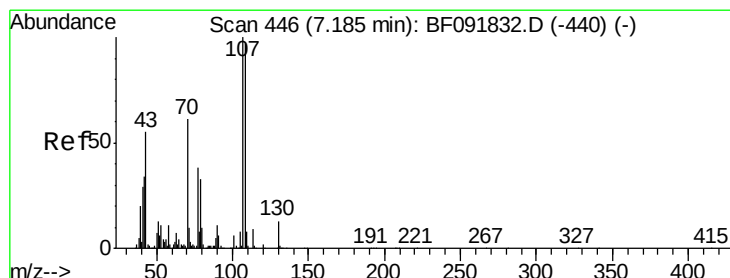
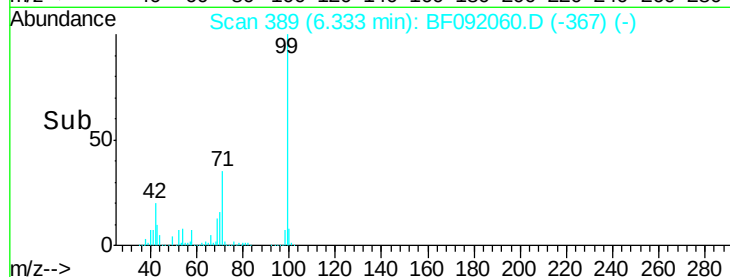
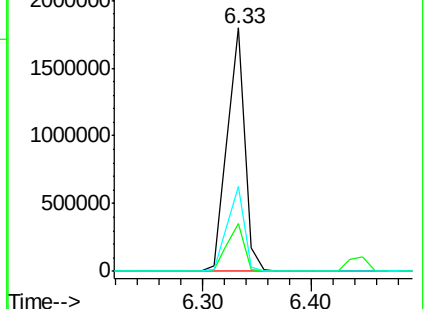
71 34.7 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.74 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

Tgt Ion: 70 Resp: 178969

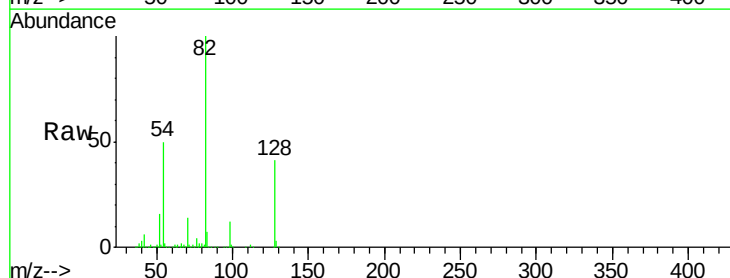
Ion Ratio Lower Upper

70 100

42 45.8 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

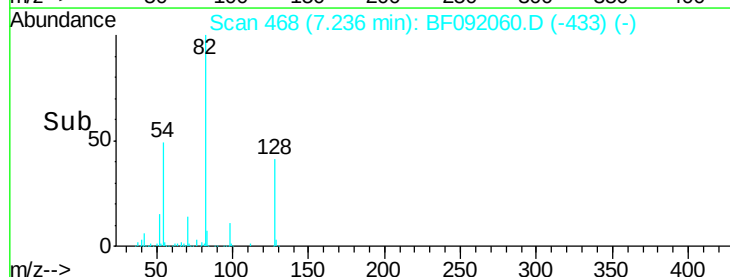
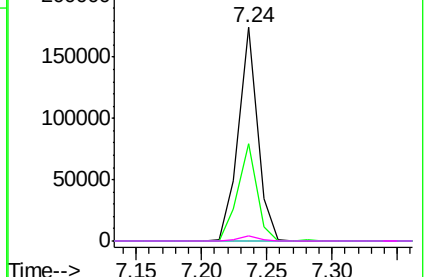


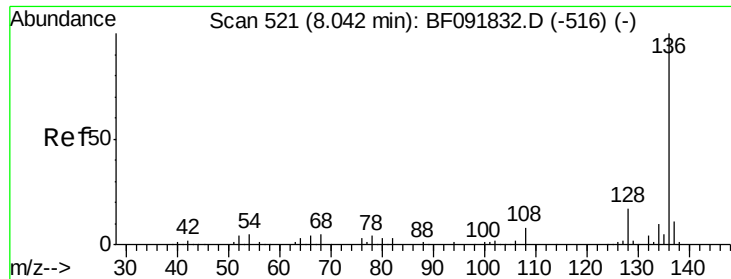
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

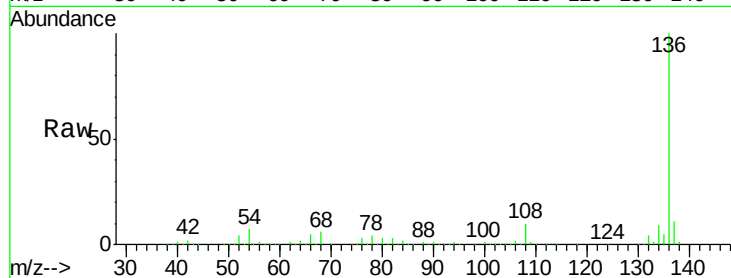




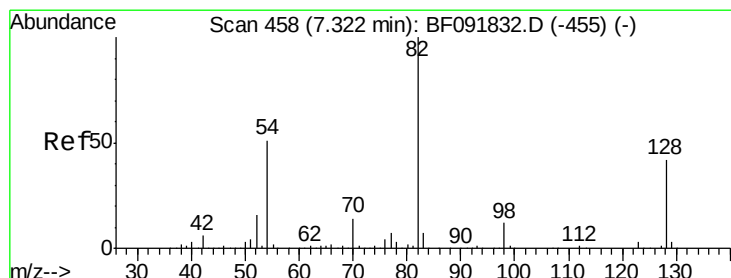
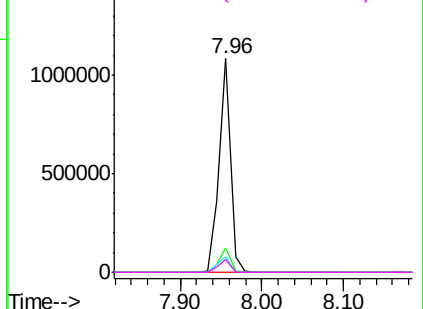
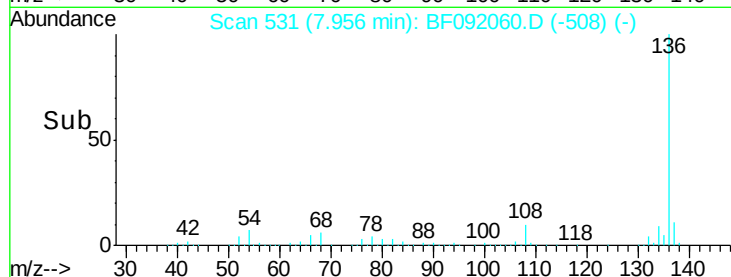
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF092060.D
Acq: 3 Jan 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB95723BL

Tgt Ion: 136 Resp: 1053193
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.2 4.5 6.7#
68 6.1 3.6 5.4#

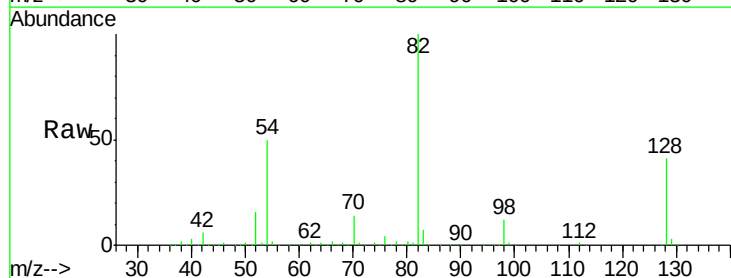


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

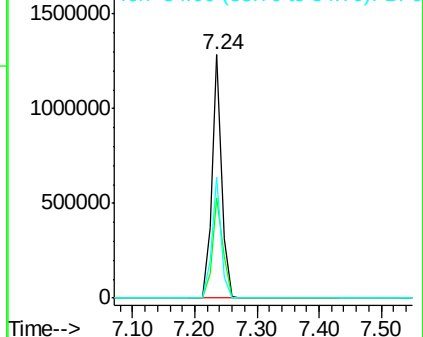
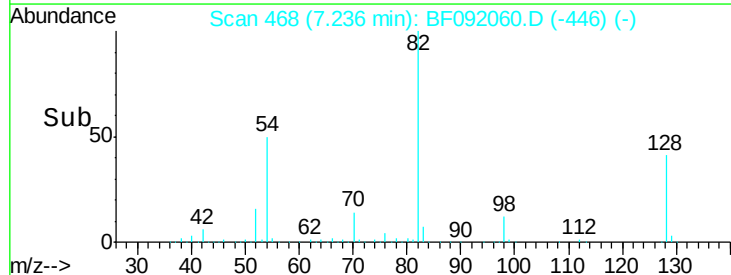


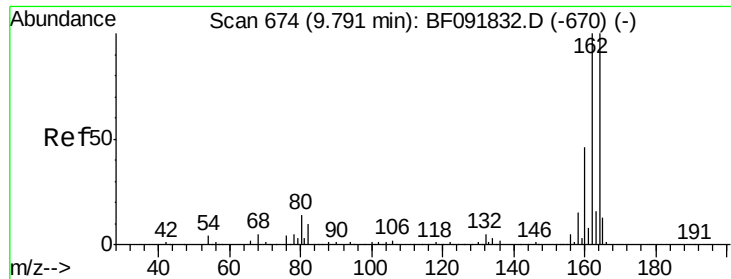
#23
Nitrobenzene-d5
Concen: 72.31 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092060.D
Acq: 3 Jan 2017 14:59

Tgt Ion: 82 Resp: 1369629
Ion Ratio Lower Upper
82 100
128 41.0 34.6 52.0
54 49.8 39.5 59.3



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB95723BL

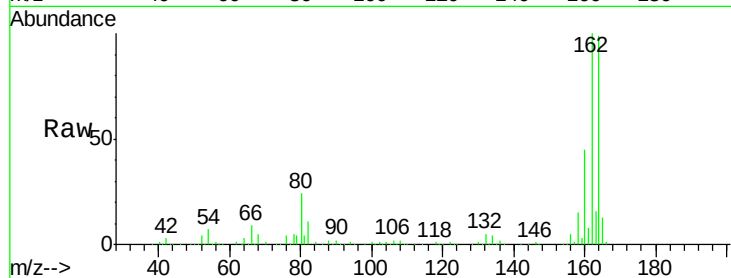
Tgt Ion:164 Resp: 539402

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

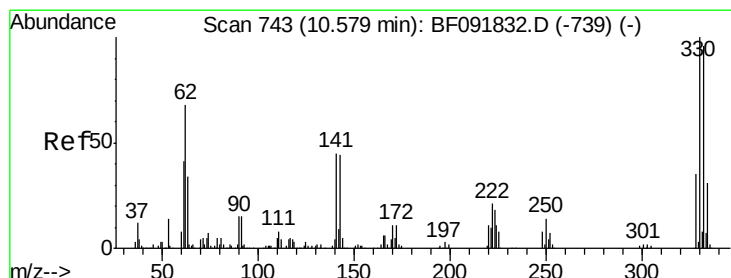
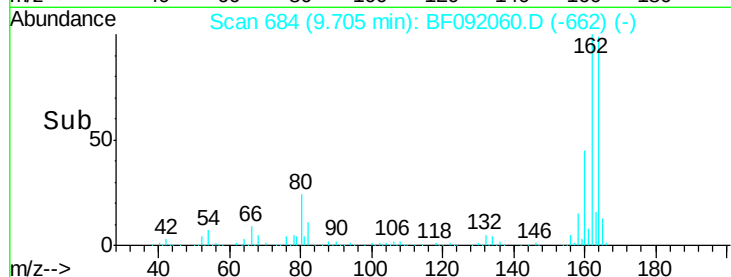
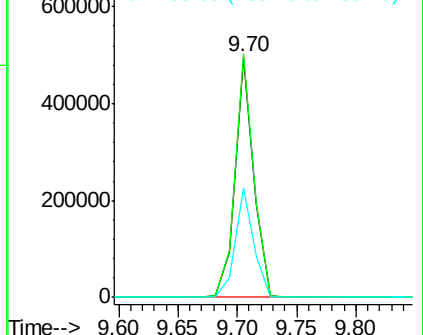
160 45.3 36.9 55.3



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: 134.59 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.04 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

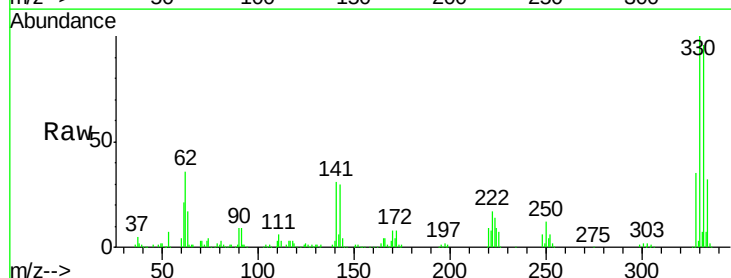
Tgt Ion:330 Resp: 600785

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

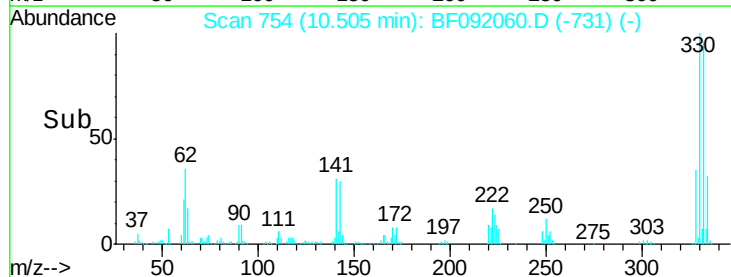
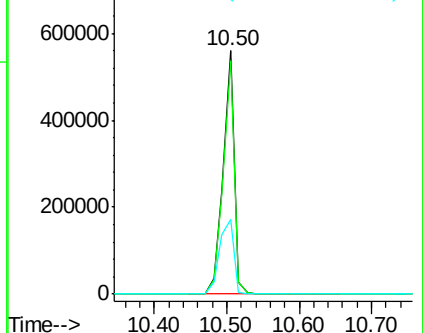
141 39.1 34.1 51.1

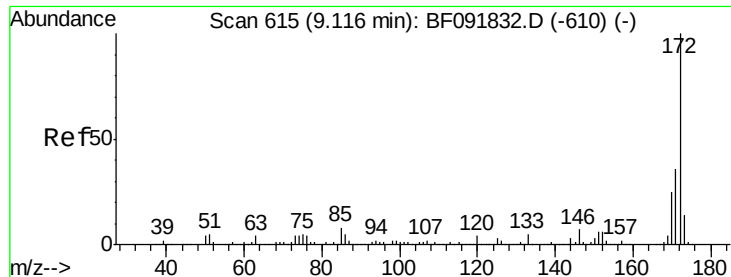


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

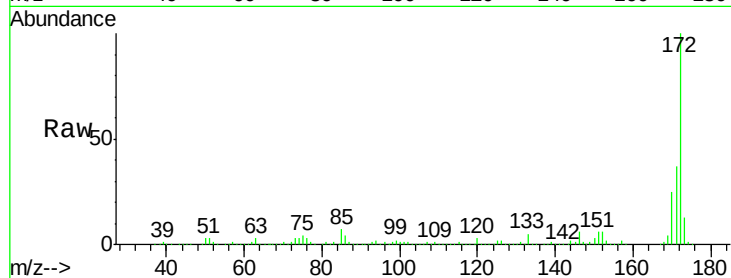




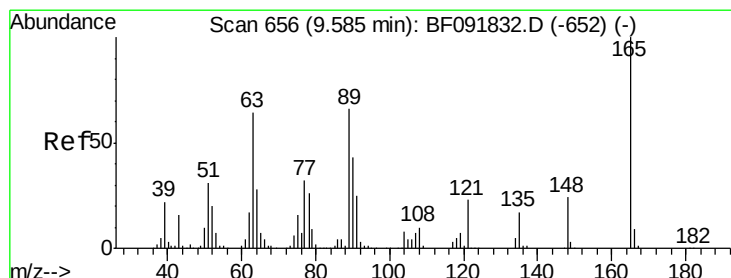
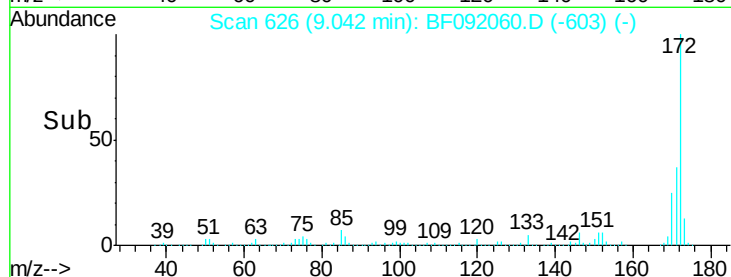
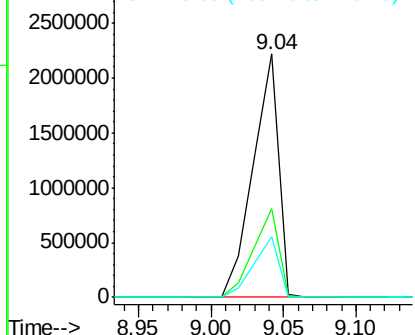
#44
 2-Fluorobiphenyl
 Concen: 106.21 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092060.D
 Acq: 3 Jan 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BL

Tgt Ion:172 Resp: 2711339
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.8 20.2 30.4

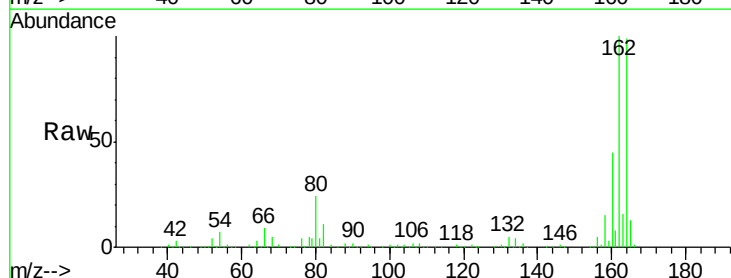


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

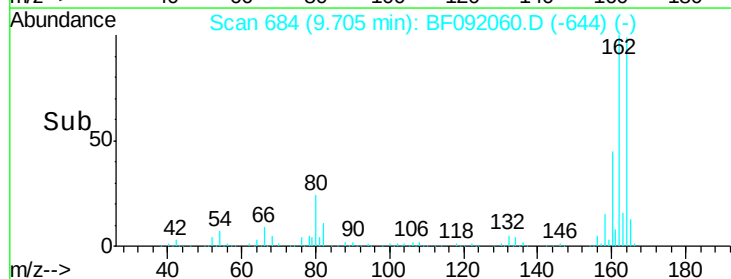
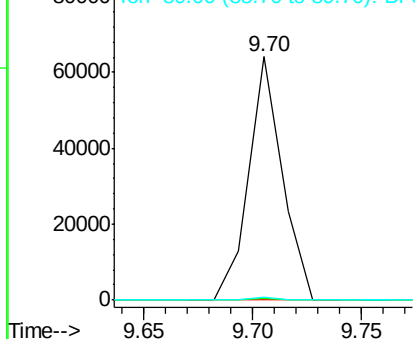


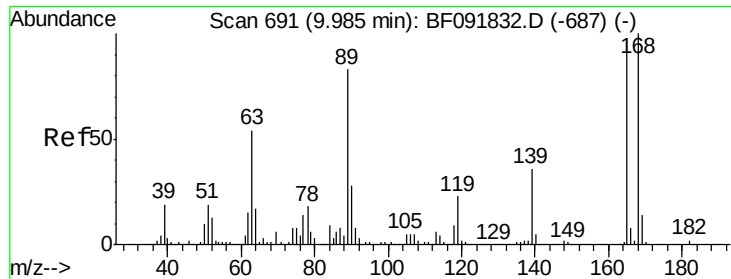
#50
 2,6-Dinitrotoluene
 Concen: 9.12 ng
 RT: 9.70 min Scan# 684
 Delta R.T. 0.15 min
 Lab File: BF092060.D
 Acq: 3 Jan 2017 14:59

Tgt Ion:165 Resp: 68854
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.2 54.4#
 89 1.0 40.2 60.4#



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

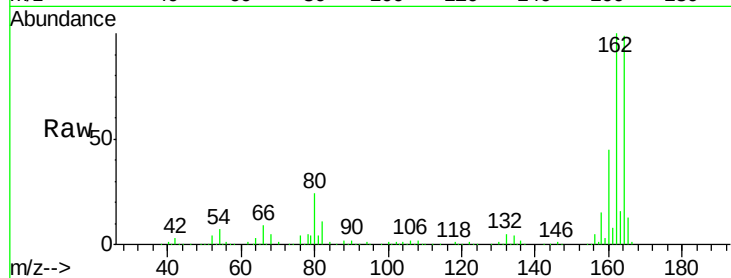




#56
 2,4-Dinitrotoluene
 Concen: 7.26 ng
 RT: 9.70 min Scan# 684
 Delta R.T. -0.25 min
 Lab File: BF092060.D
 Acq: 3 Jan 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

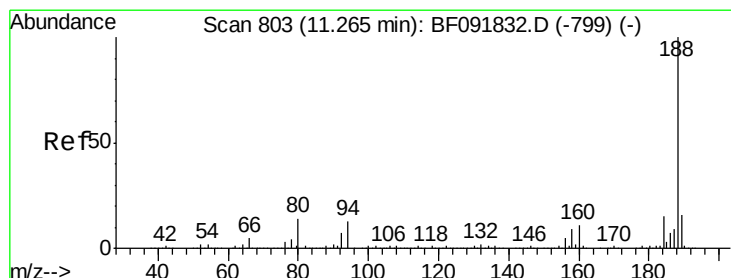
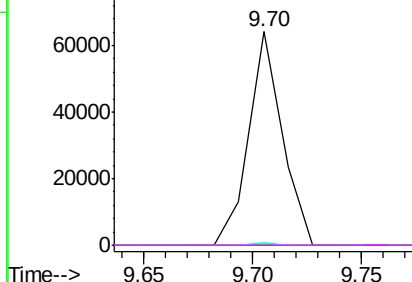
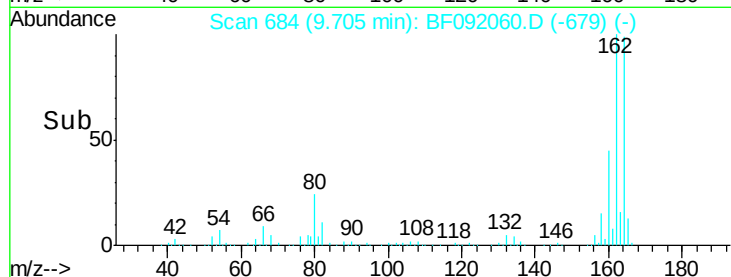


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

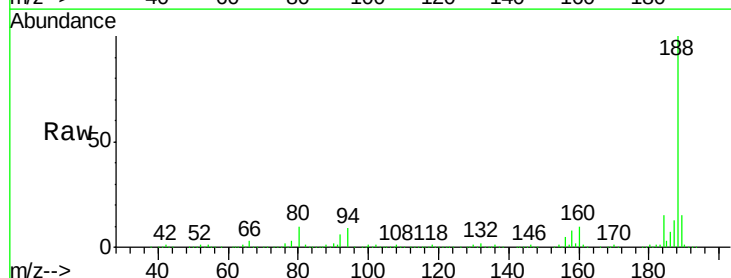
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.04 min
 Lab File: BF092060.D
 Acq: 3 Jan 2017 14:59

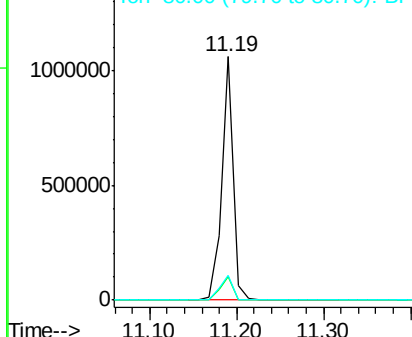
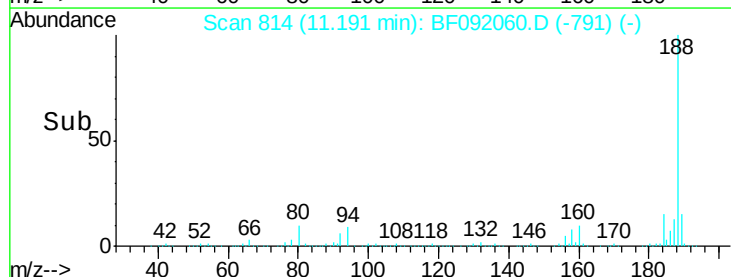
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	10.0	15.0#
80	10.3	11.2	16.8#

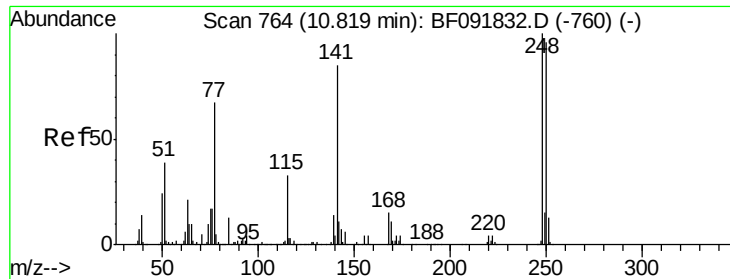


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

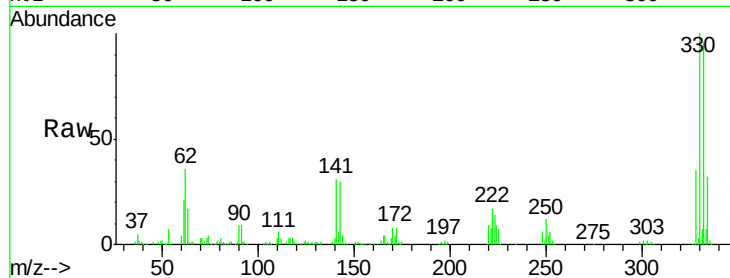




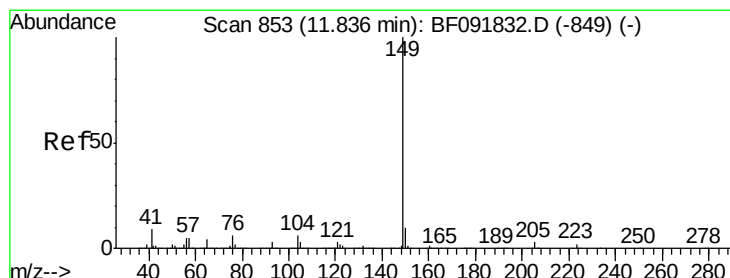
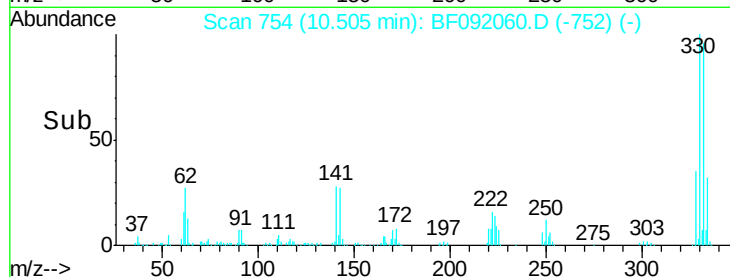
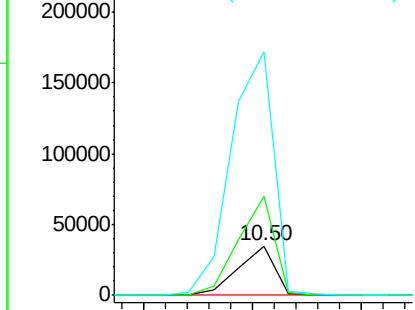
#66
 4-Bromophenyl-phenylether
 Concen: 3.92 ng
 RT: 10.50 min Scan# 754
 Delta R.T. -0.28 min
 Lab File: BF092060.D
 Acq: 3 Jan 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BL

Tgt Ion:248 Resp: 39961
 Ion Ratio Lower Upper
 248 100
 250 200.7 76.9 115.3#
 141 494.1 68.2 102.4#

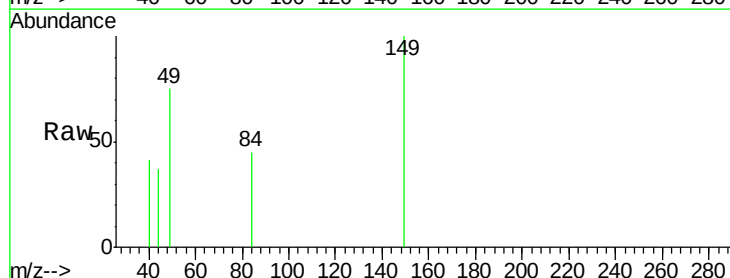


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

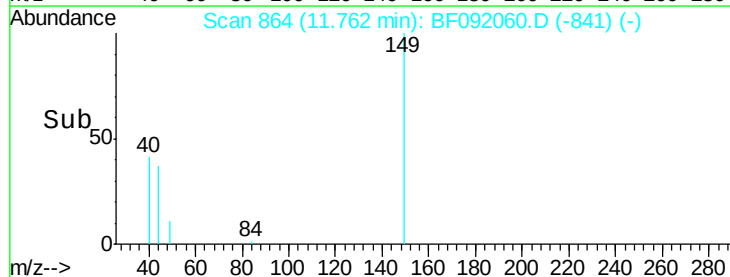
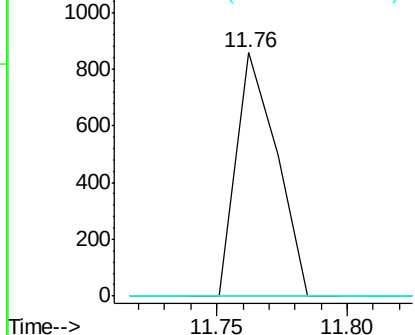


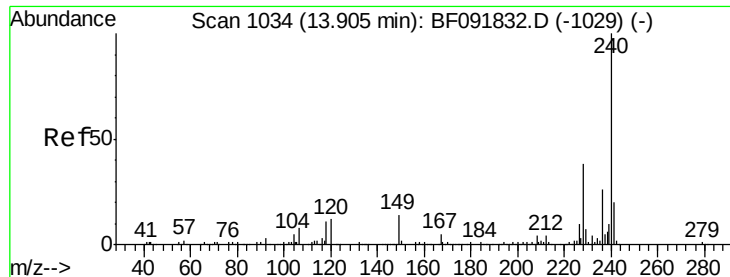
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.76 min Scan# 864
 Delta R.T. -0.04 min
 Lab File: BF092060.D
 Acq: 3 Jan 2017 14:59

Tgt Ion:149 Resp: 929
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.1 12.1#
 104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB95723BL

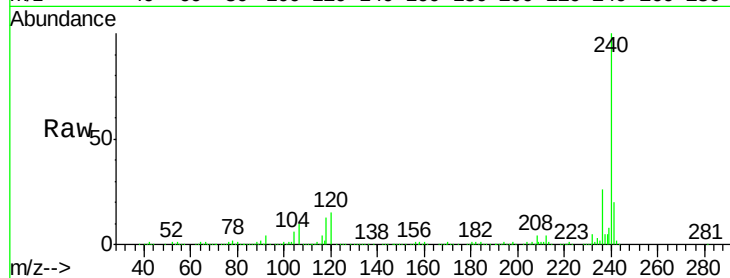
Tgt Ion:240 Resp: 834367

Ion Ratio Lower Upper

240 100

120 14.6 12.9 19.3

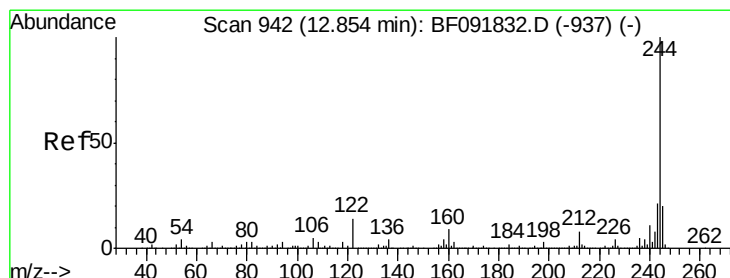
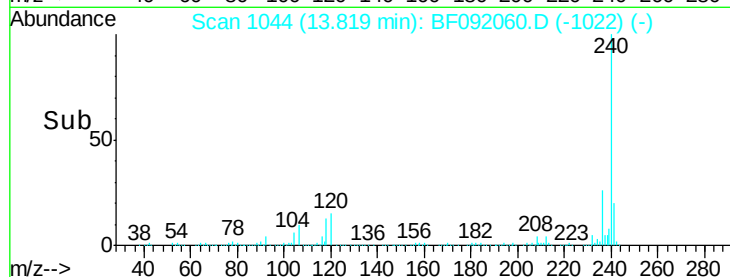
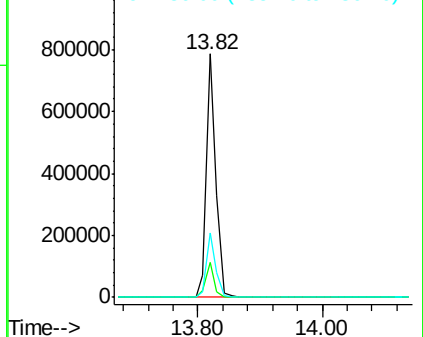
236 26.2 20.9 31.3



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: 76.56 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.04 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

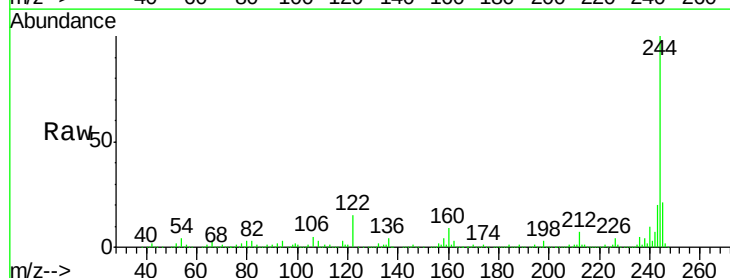
Tgt Ion:244 Resp: 2633866

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

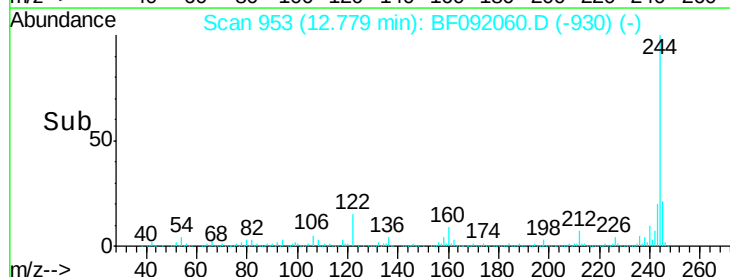
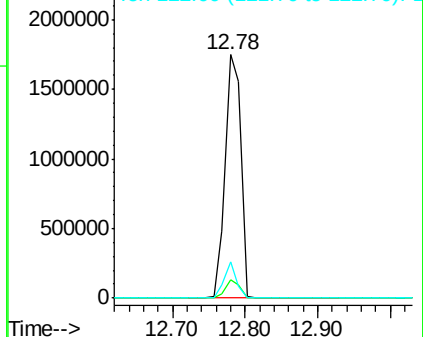
122 14.7 11.4 17.2

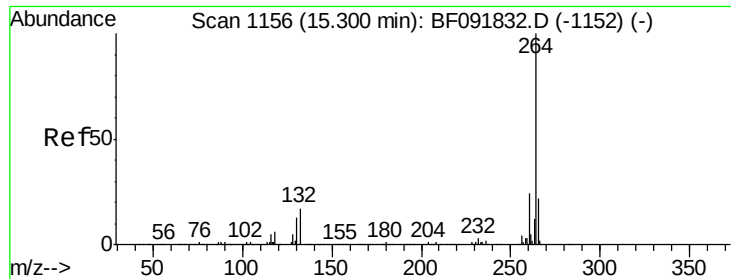


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

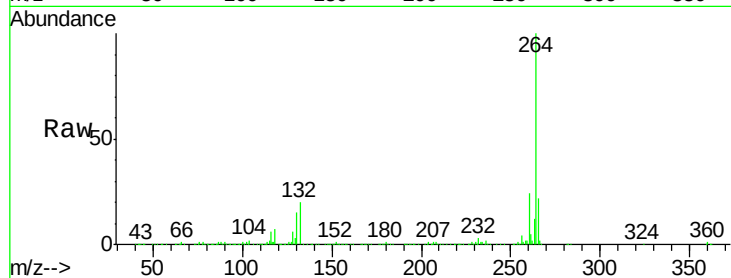




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF092060.D
Acq: 3 Jan 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB95723BL

Tgt Ion: 264 Resp: 798470
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.8 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

