

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035503.D
 Acq On : 29 Jun 2018 7:18
 Operator : JU/SJ
 Sample : J3961-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-11

Quant Time: Jun 29 09:36:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

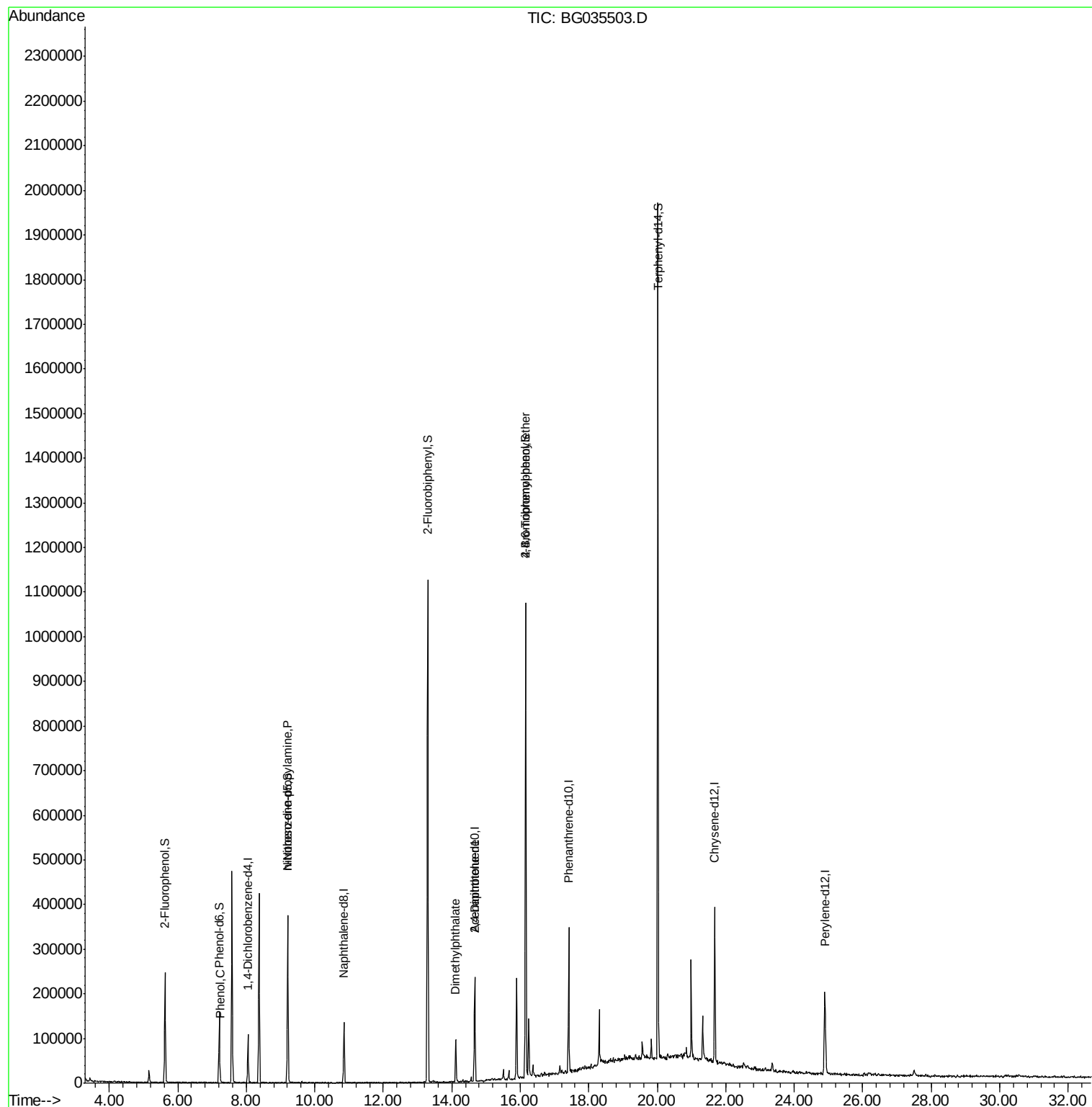
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29194	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	112492	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	81400	20.00	ng	-0.03
63) Phenanthrene-d10	17.42	188	208405	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	218372	20.00	ng	-0.04
86) Perylene-d12	24.89	264	214913	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	104594	60.46	ng	-0.02
7) Phenol-d6	7.21	99	96790	37.91	ng	-0.01
23) Nitrobenzene-d5	9.21	82	249624	105.48	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	194138	186.31	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	622274	99.38	ng	-0.03
78) Terphenyl-d14	20.02	244	954807	91.59	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	6974	2.639	ng	92
19) n-Nitroso-di-n-propylamine	9.21	70	34019	15.683	ng	# 68
49) Dimethylphthalate	14.12	163	65450	9.220	ng	99
56) 2,4-Dinitrotoluene	14.67	165	11477	6.672	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	15767	6.282	ng	# 1

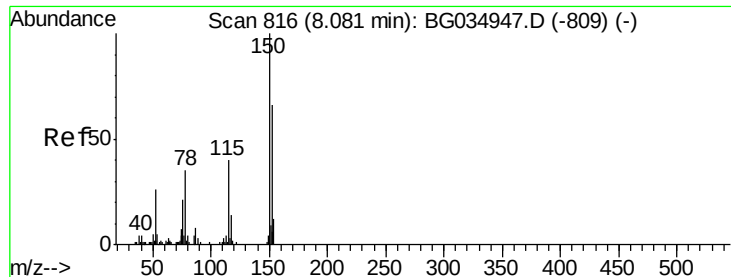
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.02 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

Instrument :

BNA_F

ClientSampleId :

W-11

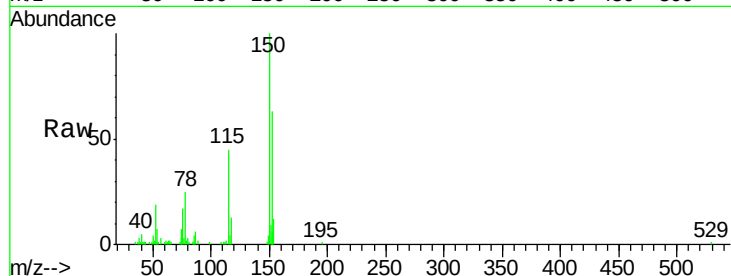
Tgt Ion:152 Resp: 29194

Ion Ratio Lower Upper

152 100

150 158.5 126.6 189.8

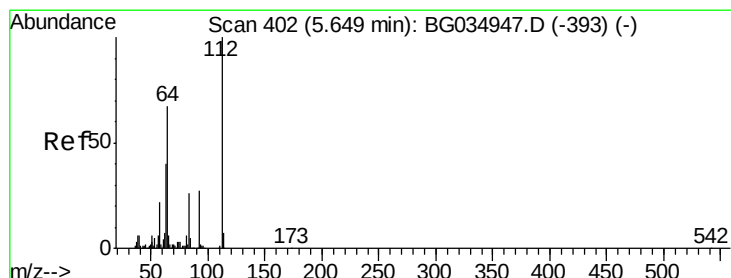
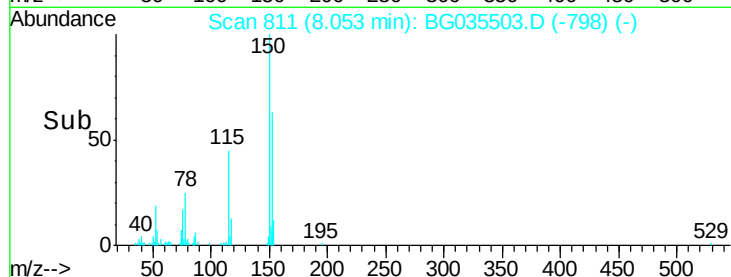
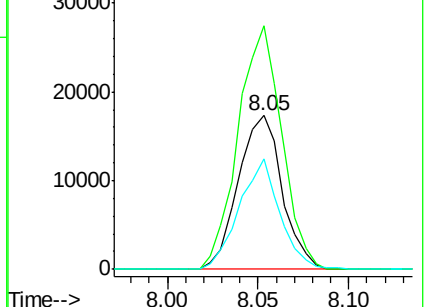
115 71.8 53.0 79.4



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: 60.462 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.02 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

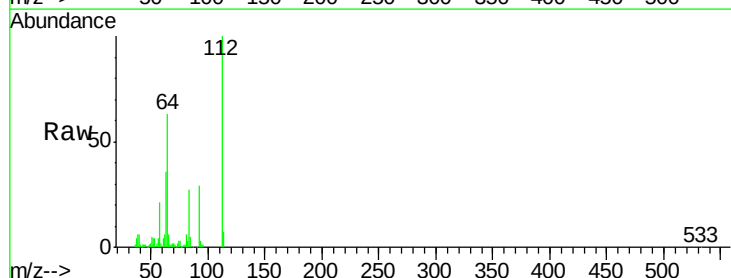
Tgt Ion:112 Resp: 104594

Ion Ratio Lower Upper

112 100

64 62.9 56.3 84.5

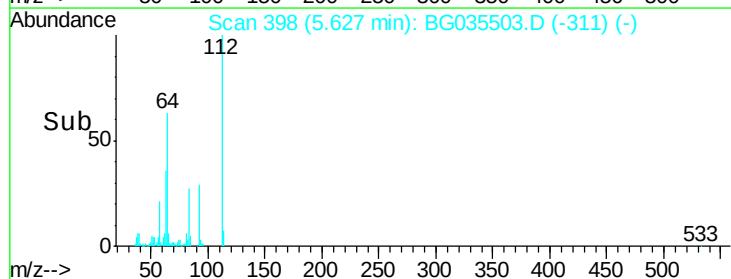
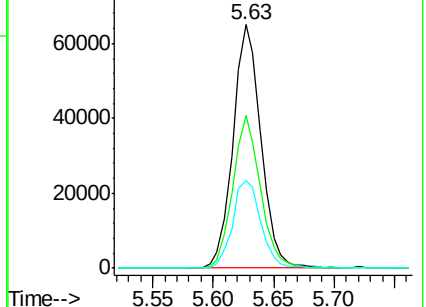
63 36.1 30.1 45.1

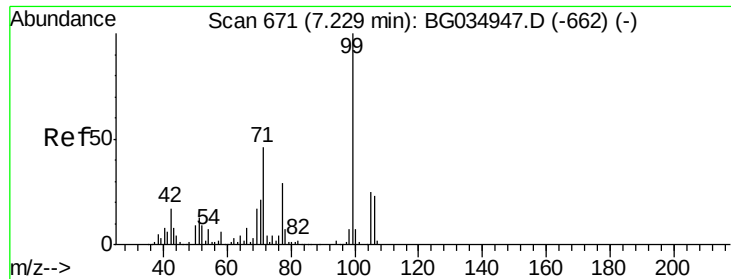


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.909 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

Instrument :

BNA_F

ClientSampled :

W-11

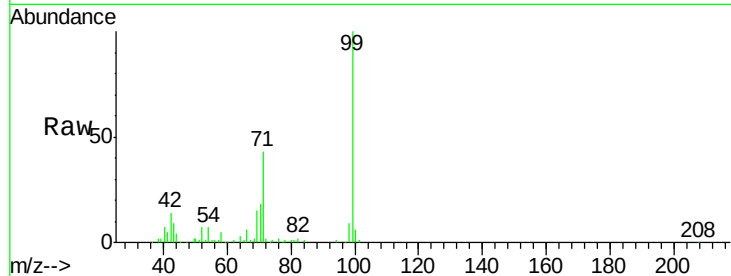
Tgt Ion: 99 Resp: 96790

Ion Ratio Lower Upper

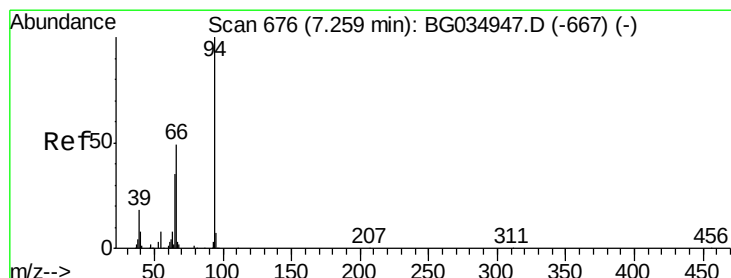
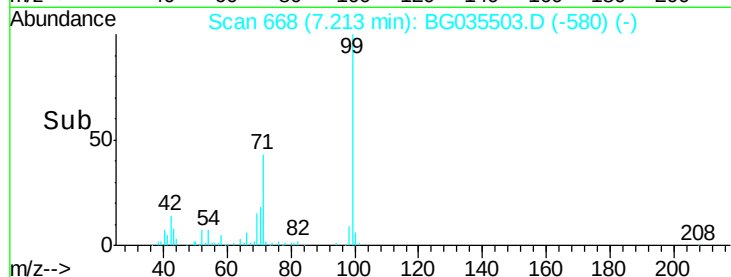
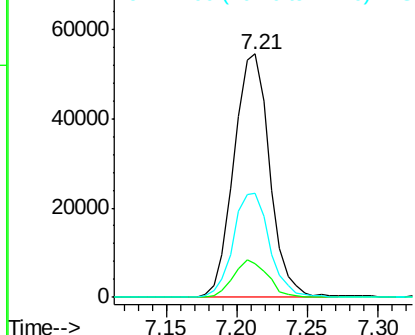
99 100

42 14.0 14.1 21.1#

71 42.7 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.639 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

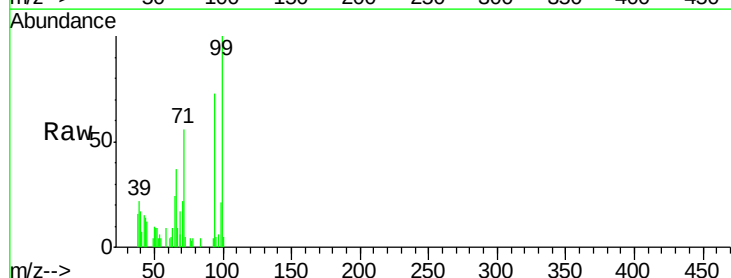
Tgt Ion: 94 Resp: 6974

Ion Ratio Lower Upper

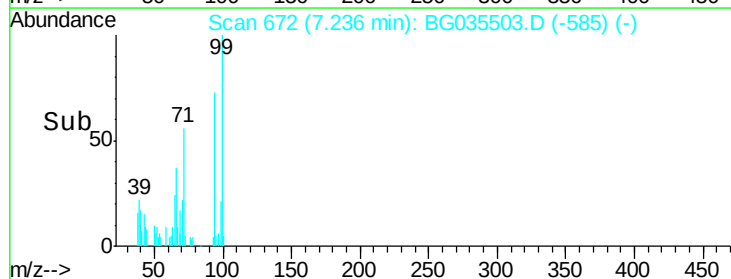
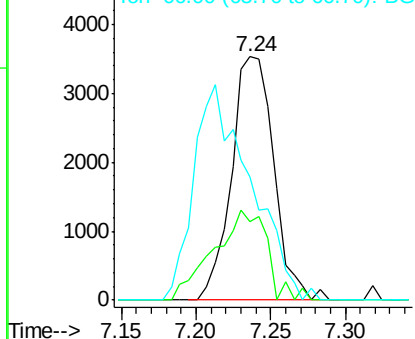
94 100

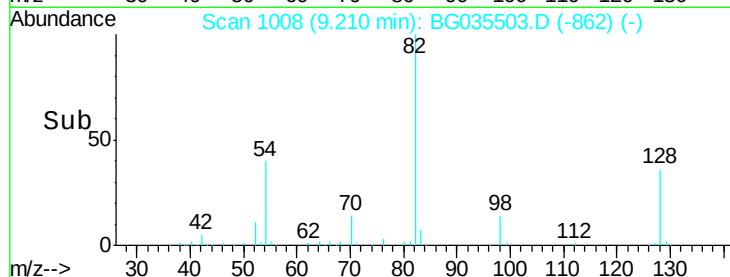
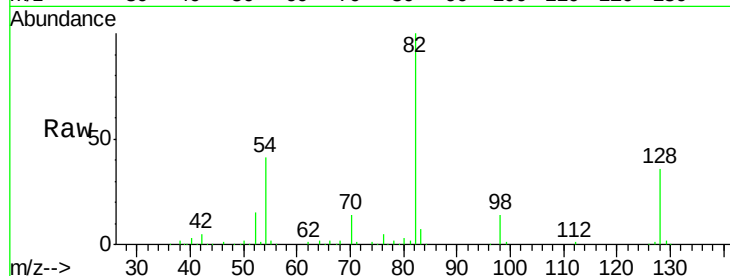
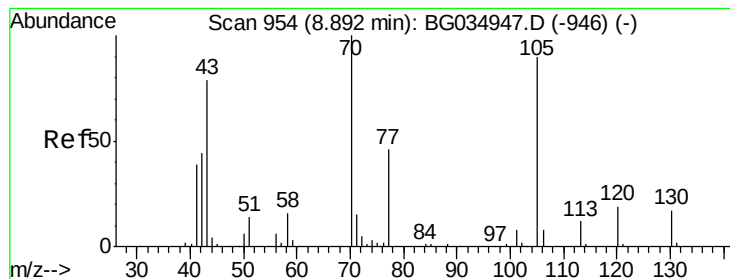
65 32.0 11.9 51.9

66 50.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 15.683 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

Instrument :

BNA_F

ClientSampleId :

W-11

Tgt Ion: 70 Resp: 34019

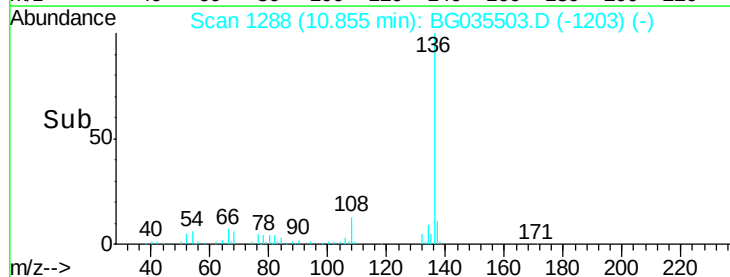
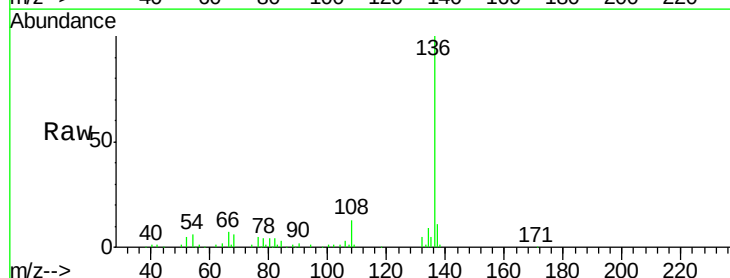
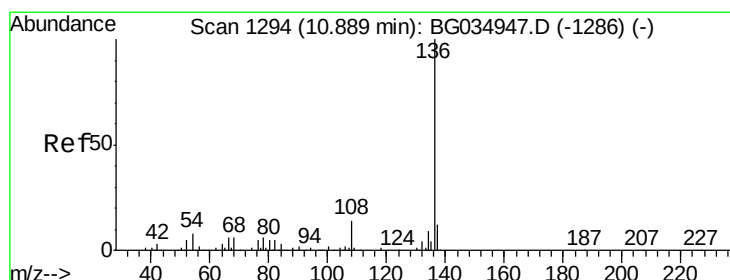
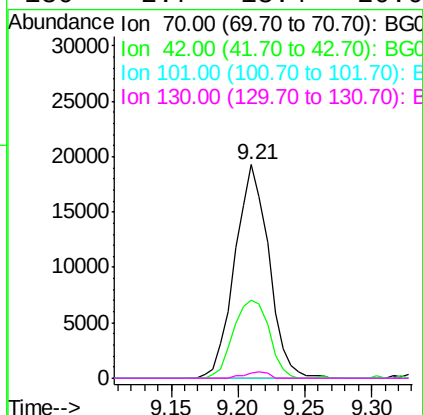
Ion Ratio Lower Upper

70 100

42 36.3 49.1 73.7#

101 0.0 8.5 12.7#

130 2.7 13.4 20.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

Tgt Ion: 136 Resp: 112492

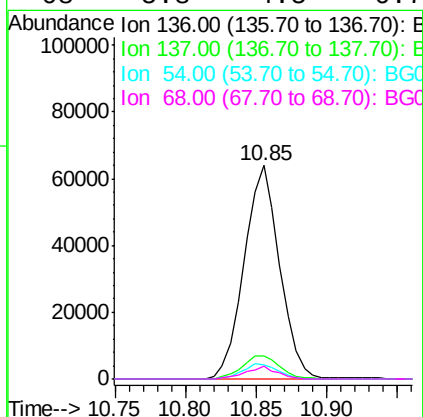
Ion Ratio Lower Upper

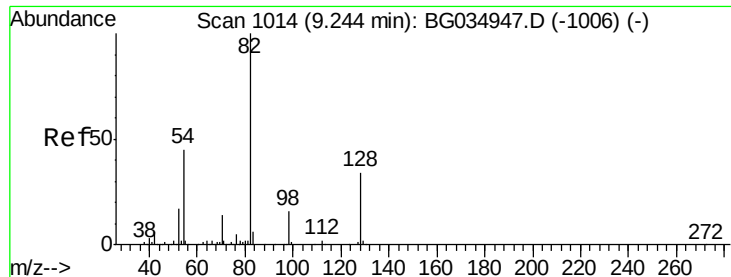
136 100

137 10.7 9.2 13.8

54 6.3 10.3 15.5#

68 5.8 4.5 6.7

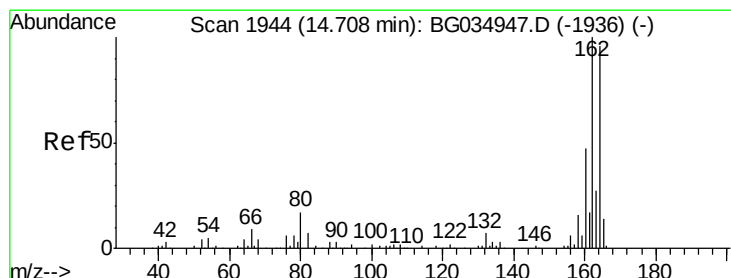
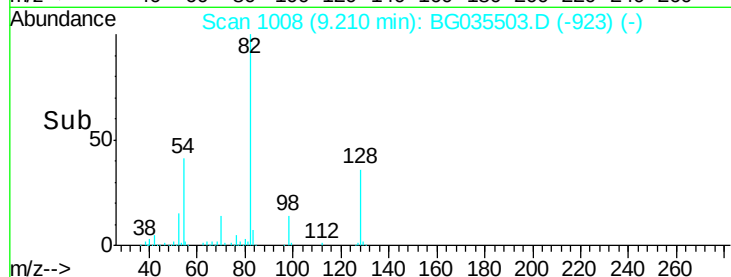
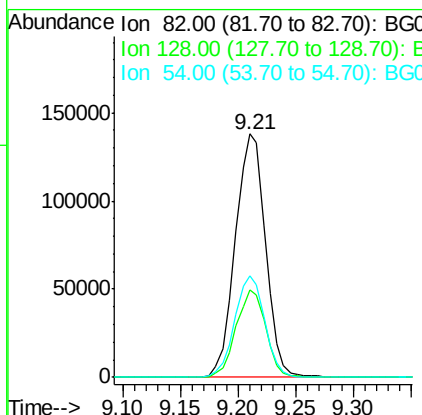
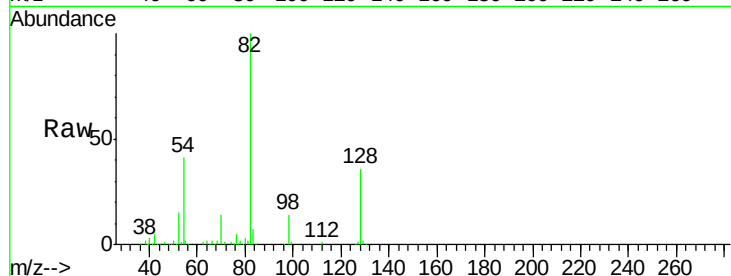




#23
 Nitrobenzene-d5
 Concen: 105.481 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035503.D
 Acq: 29 Jun 2018 7:18

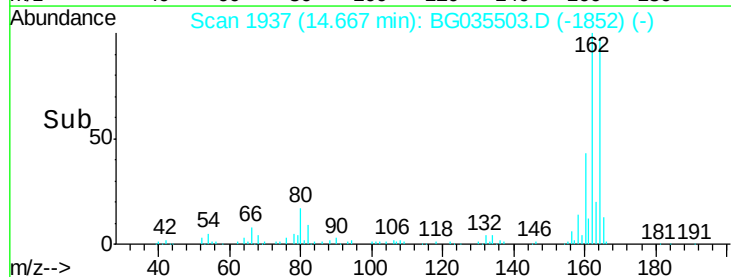
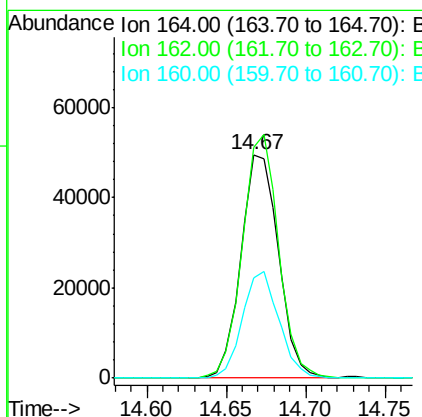
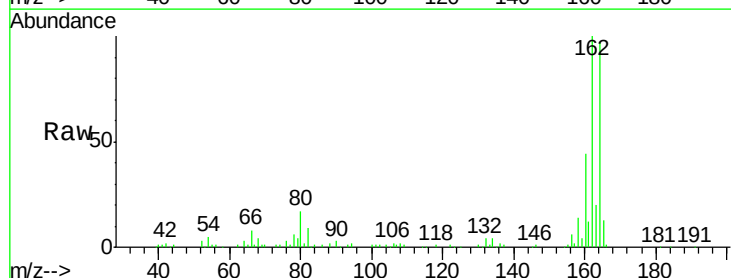
Instrument :
 BNA_F
 ClientSampleId :
 W-11

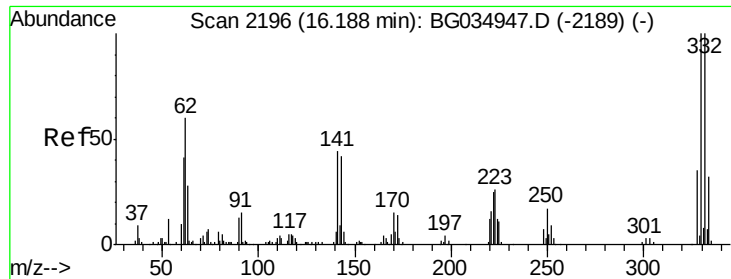
Tgt Ion: 82 Resp: 249624
 Ion Ratio Lower Upper
 82 100
 128 35.9 29.7 44.5
 54 41.5 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.03 min
 Lab File: BG035503.D
 Acq: 29 Jun 2018 7:18

Tgt Ion: 164 Resp: 81400
 Ion Ratio Lower Upper
 164 100
 162 103.5 78.8 118.2
 160 45.1 35.4 53.0

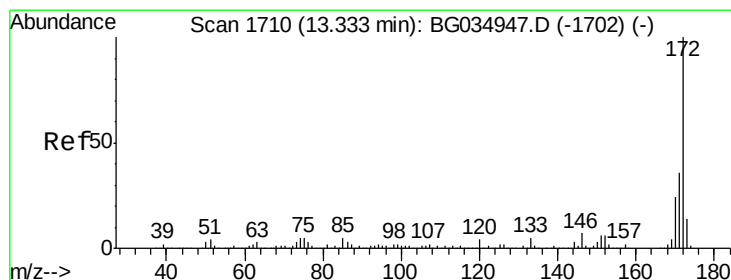
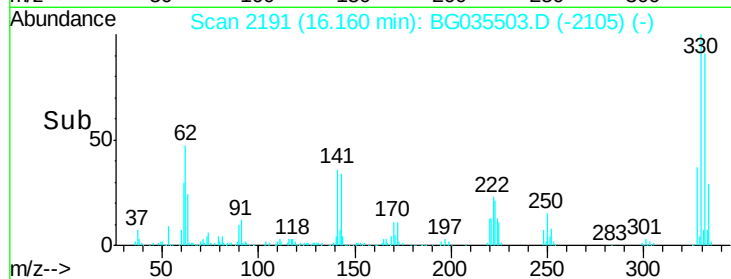
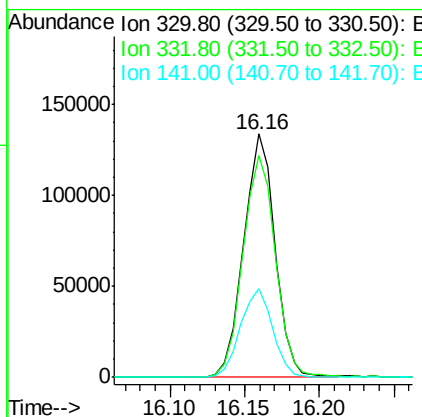
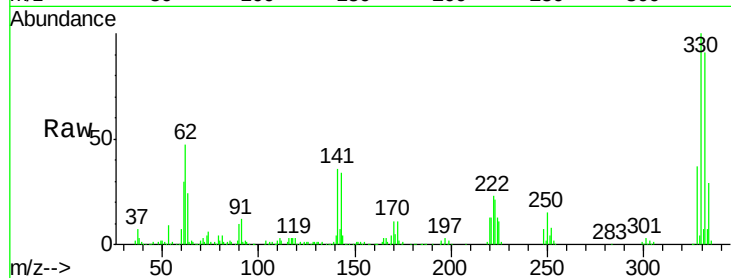




#41
 2,4,6-Tribromophenol
 Concen: 186.309 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035503.D
 Acq: 29 Jun 2018 7:18

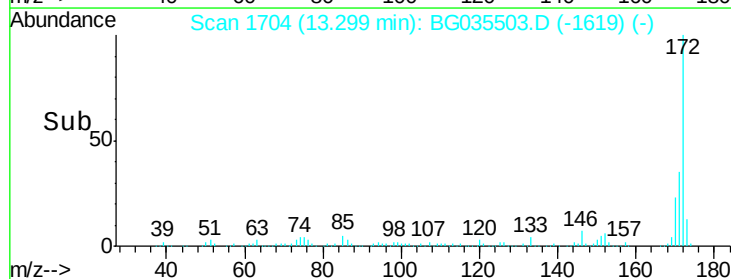
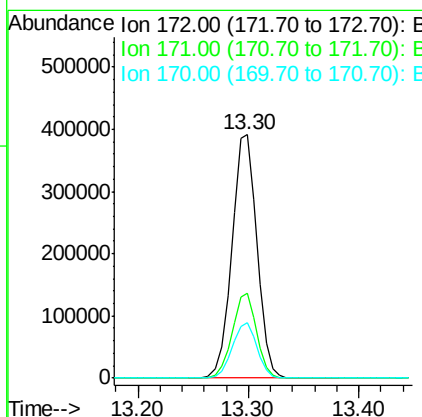
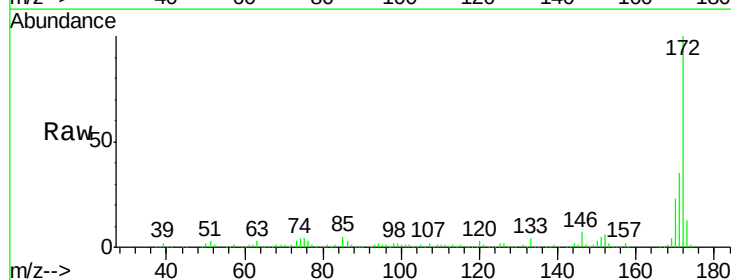
Instrument :
 BNA_F
 ClientSampleId :
 W-11

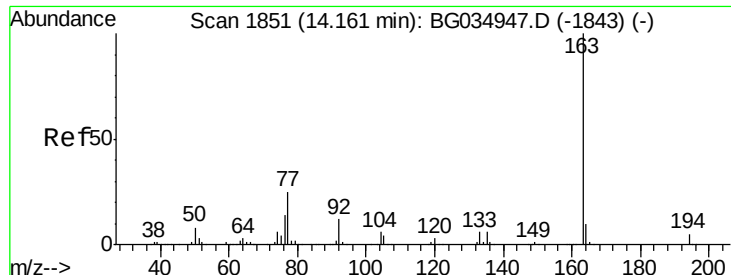
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	38.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 99.380 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035503.D
 Acq: 29 Jun 2018 7:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	22.6	19.5	29.3





#49

Dimethylphthalate

Concen: 9.220 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

Instrument :

BNA_F

ClientSampled :

W-11

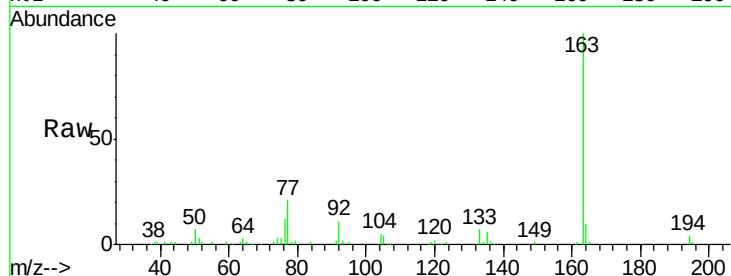
Tgt Ion:163 Resp: 65450

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

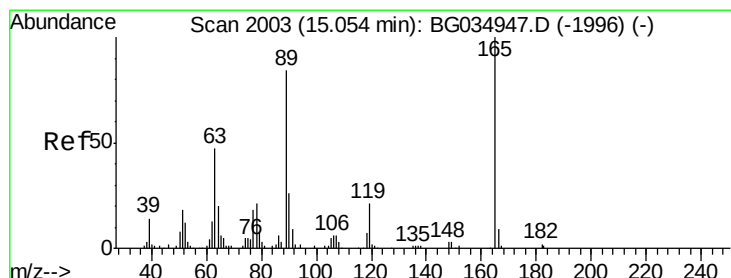
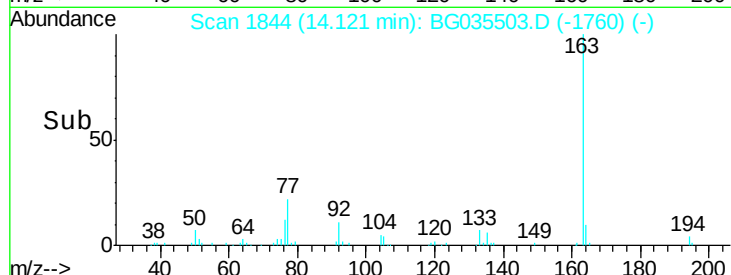
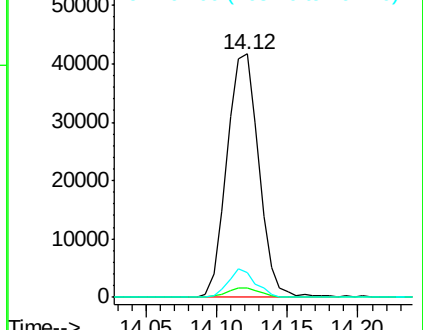
164 10.0 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.672 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.38 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

Tgt Ion:165 Resp: 11477

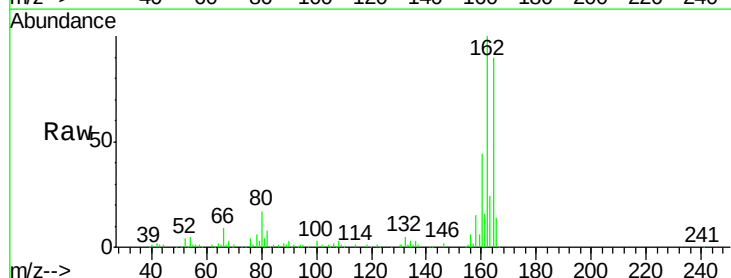
Ion Ratio Lower Upper

165 100

63 2.1 42.0 63.0#

89 3.8 66.9 100.3#

182 0.0 2.6 3.8#

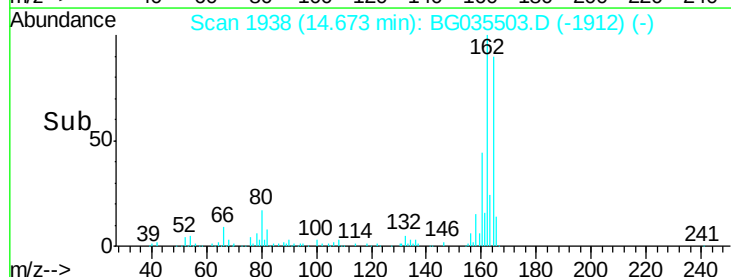
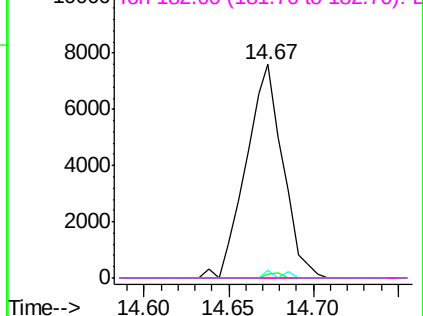


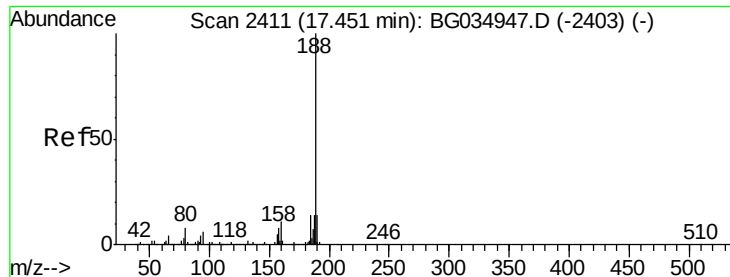
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

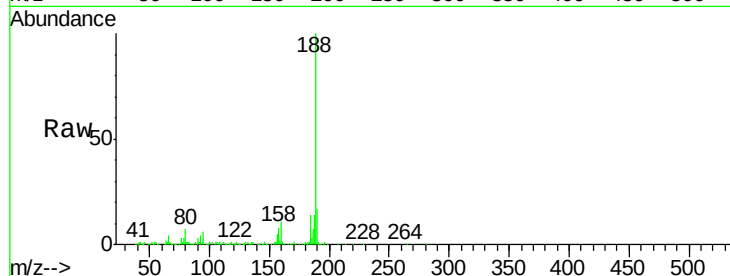




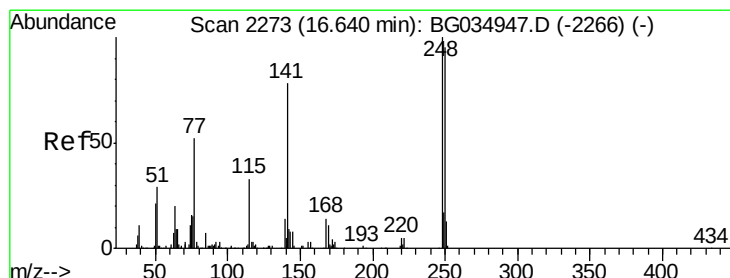
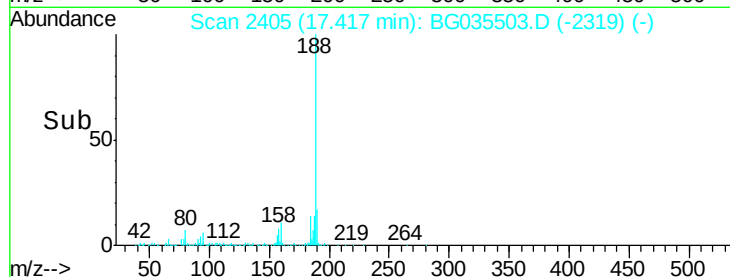
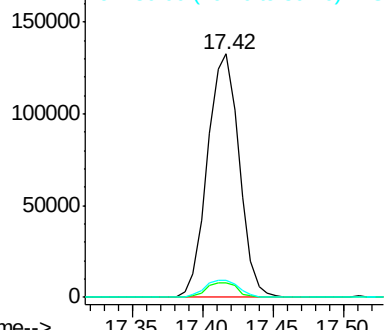
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035503.D
Acq: 29 Jun 2018 7:18

Instrument :
BNA_F
ClientSampleId :
W-11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	6.8	7.7	11.5#

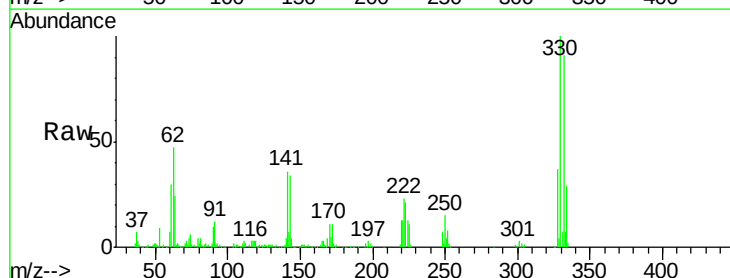


Abundance Ion 188.00 (187.70 to 188.70): E

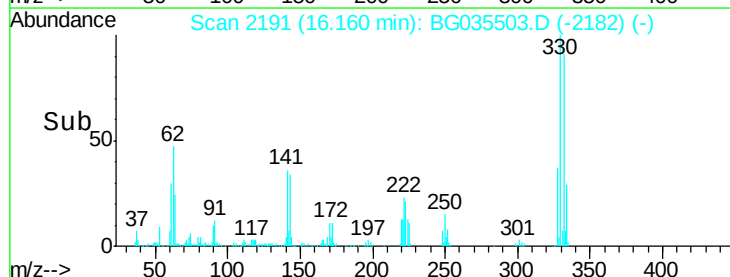
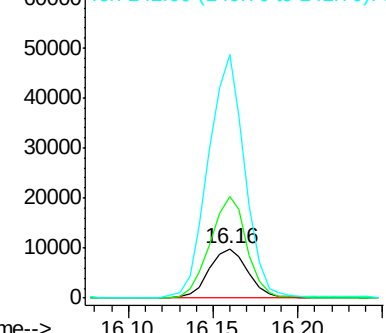


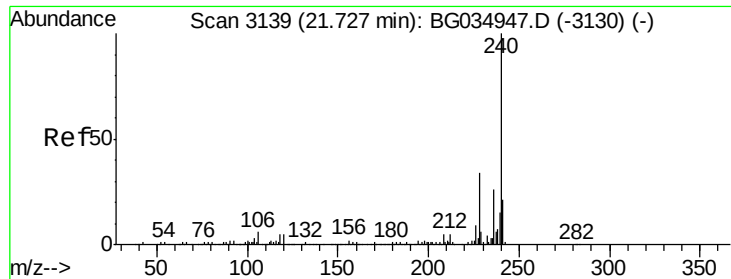
#66
4-Bromophenyl-phenylether
Concen: 6.282 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035503.D
Acq: 29 Jun 2018 7:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	207.2	77.1	115.7#
141	495.8	50.8	76.2#



Abundance Ion 248.00 (247.70 to 248.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

Instrument :

BNA_F

ClientSampleId :

W-11

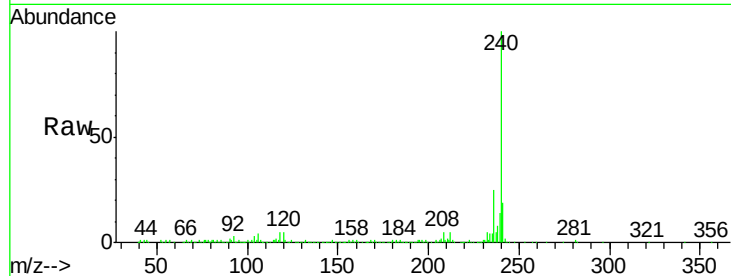
Tgt Ion:240 Resp: 218372

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

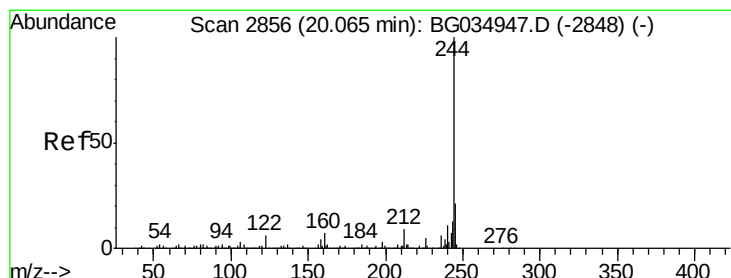
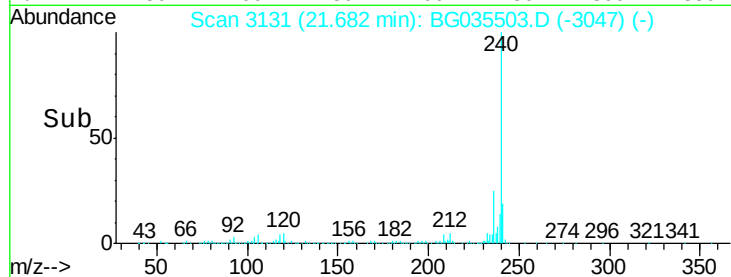
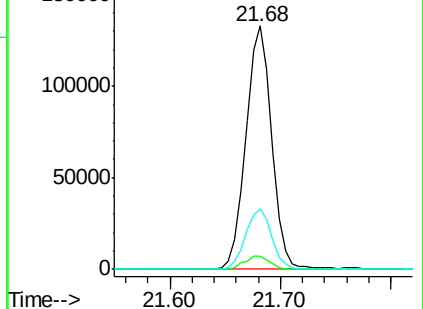
236 25.0 20.9 31.3



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: 91.587 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

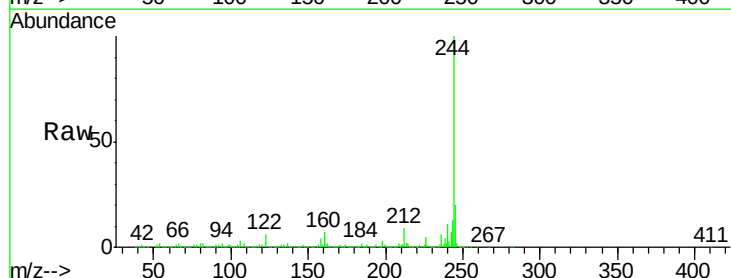
Tgt Ion:244 Resp: 954807

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

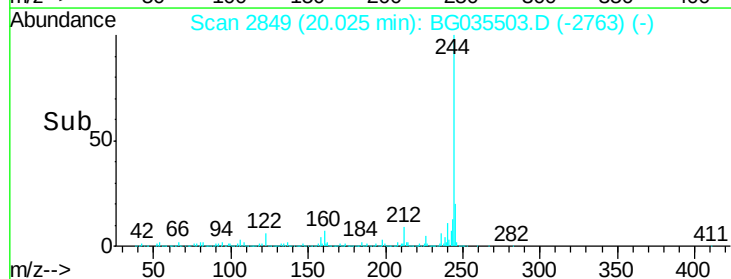
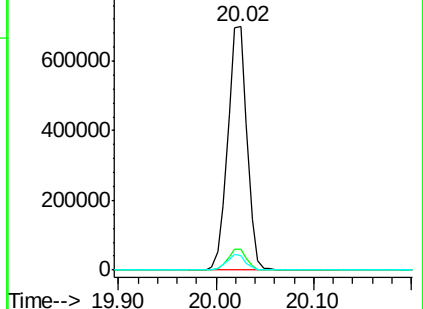
122 5.9 7.0 10.4#

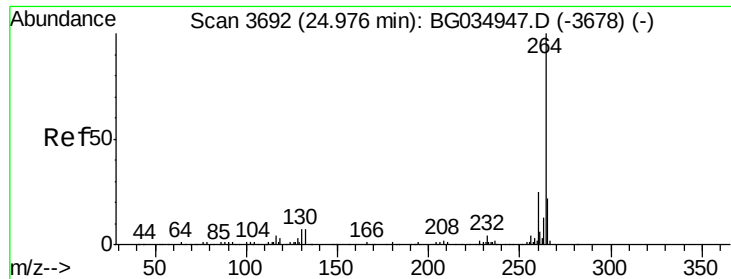


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3678
Delta R.T. -0.06 min
Lab File: BG035503.D
Acq: 29 Jun 2018 7:18

Instrument :
BNA_F
ClientSampleId :
W-11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.1	17.7	26.5

