

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
 Data File : BG036940.D
 Acq On : 25 Sep 2018 6:11
 Operator : JU/SJ
 Sample : J5023-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-2

Quant Time: Sep 25 07:31:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

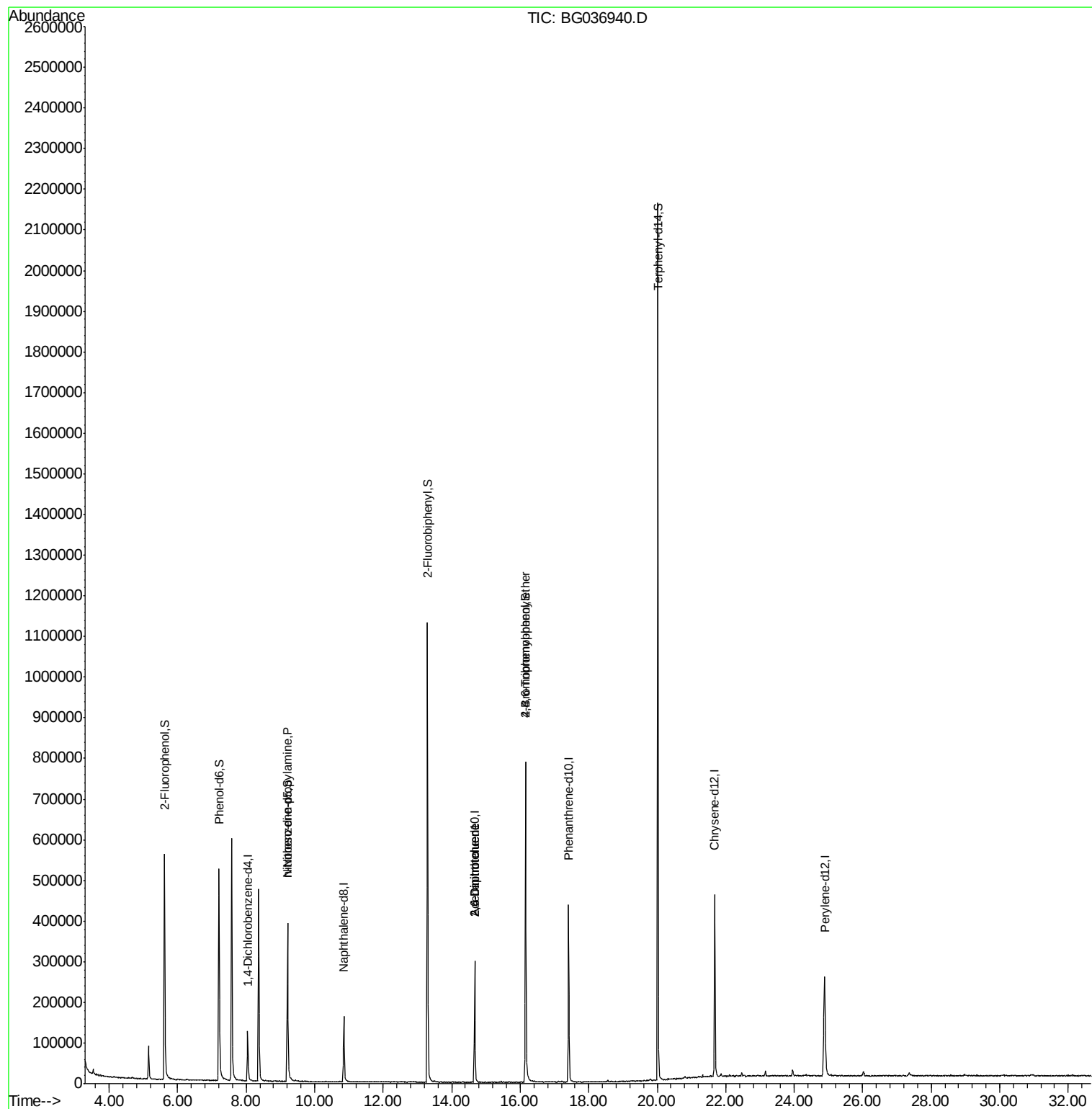
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	37980	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	165944	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	111095	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	299524	20.00	ng	0.00
75) Chrysene-d12	21.68	240	310260	20.00	ng	0.00
86) Perylene-d12	24.89	264	298501	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	263020	132.81	ng	0.00
7) Phenol-d6	7.20	99	339869	110.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	276272	89.15	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	157762	118.69	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	639584	85.75	ng	0.00
78) Terphenyl-d14	20.02	244	1064701	90.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	36958	14.499	ng	# 73
50) 2,6-Dinitrotoluene	14.67	165	14116	7.235	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	14116	5.185	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	10826	3.178	ng	# 1

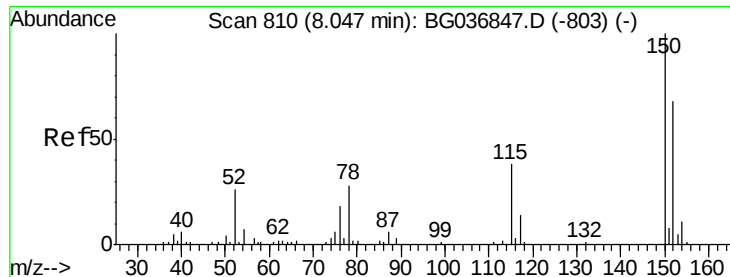
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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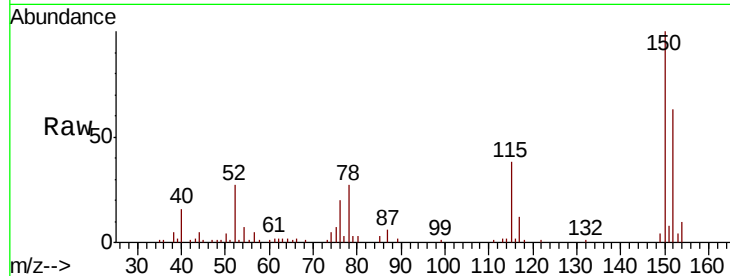


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG036940.D
 Acq: 25 Sep 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.4	119.5	179.3
115	61.1	44.5	66.7

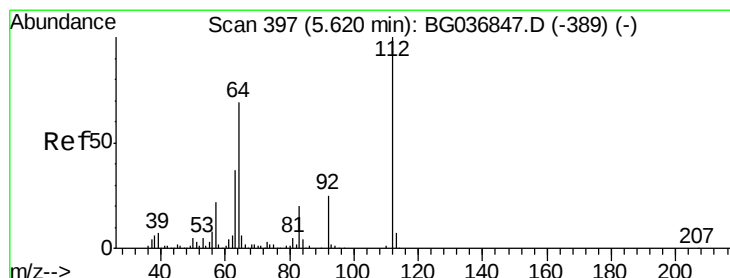
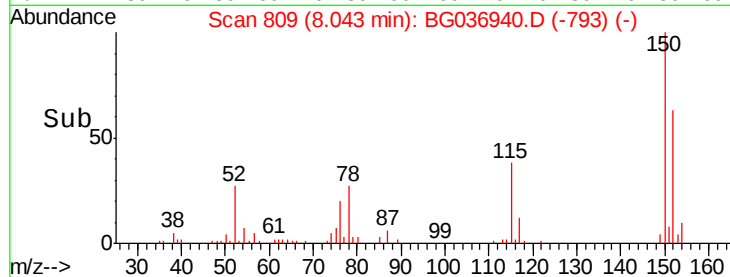
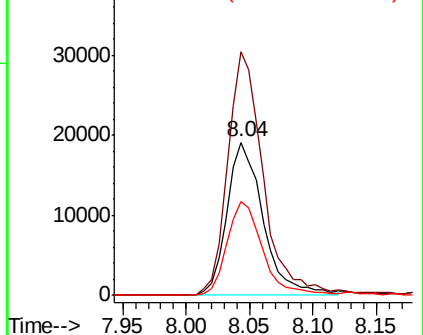


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

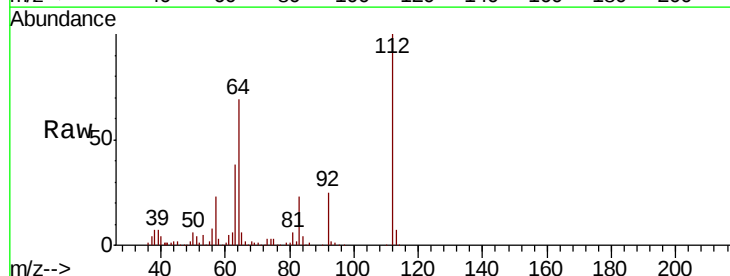
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 132.811 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG036940.D
 Acq: 25 Sep 2018 6:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	57.2	85.8
63	38.0	30.8	46.2

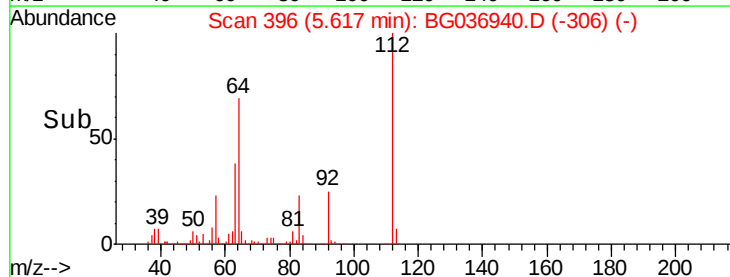
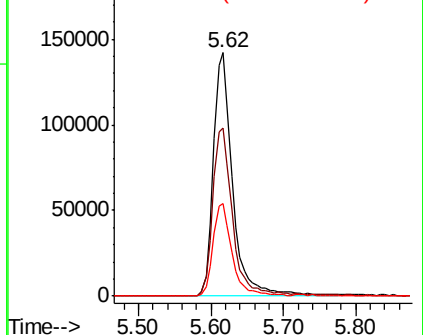


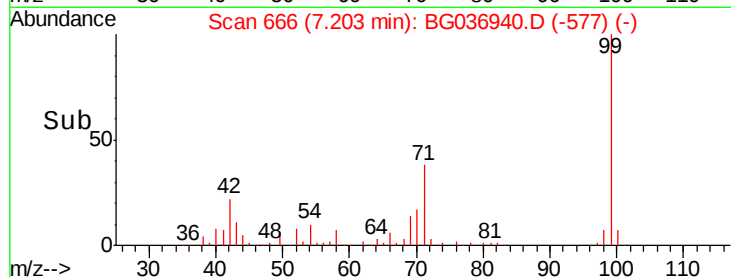
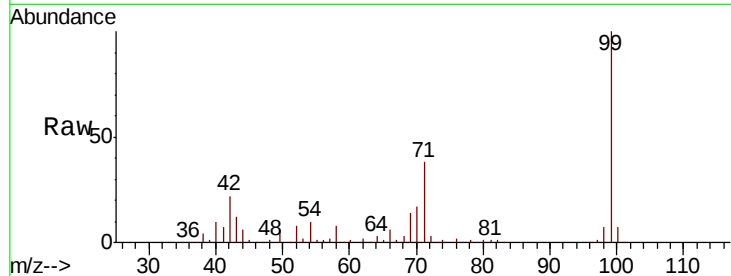
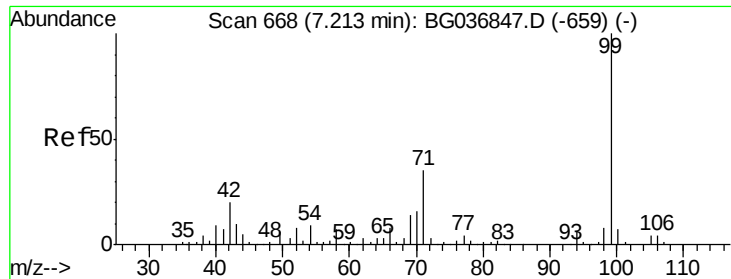
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 110.922 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036940.D

Acq: 25 Sep 2018 6:11

Instrument :

BNA_G

ClientSampleId :

NB-PIT-2

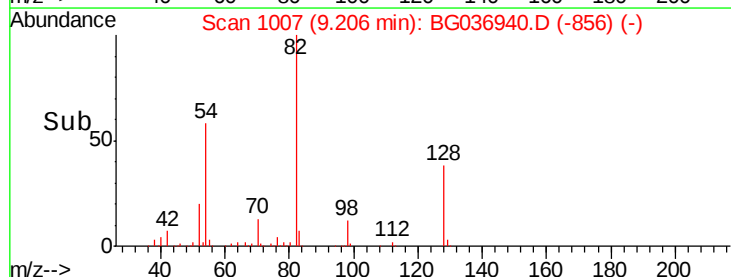
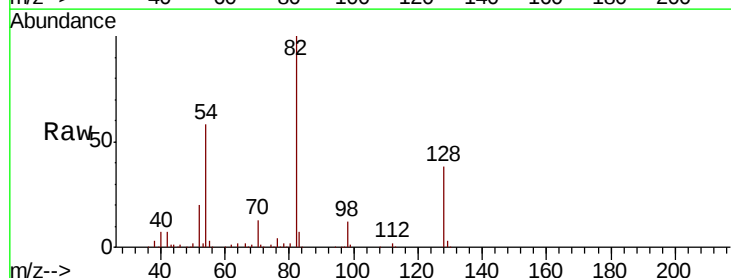
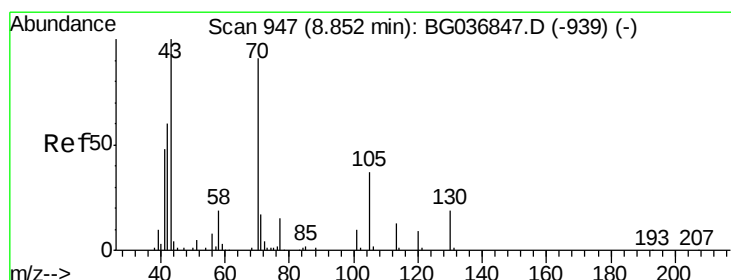
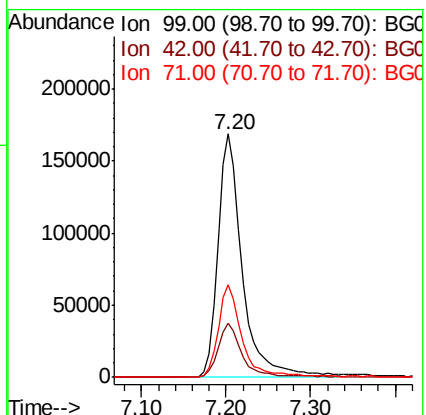
Tgt Ion: 99 Resp: 339869

Ion Ratio Lower Upper

99 100

42 22.2 16.5 24.7

71 38.2 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.499 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036940.D

Acq: 25 Sep 2018 6:11

Tgt Ion: 70 Resp: 36958

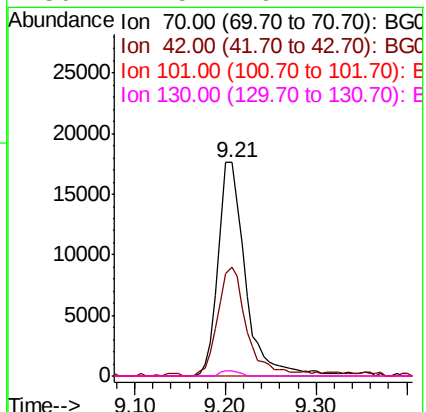
Ion Ratio Lower Upper

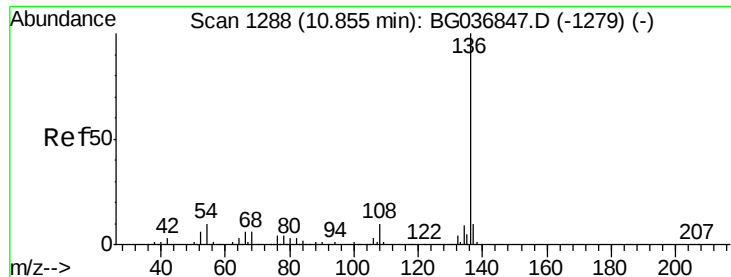
70 100

42 51.2 56.2 84.4#

101 0.0 7.8 11.6#

130 2.5 16.2 24.2#

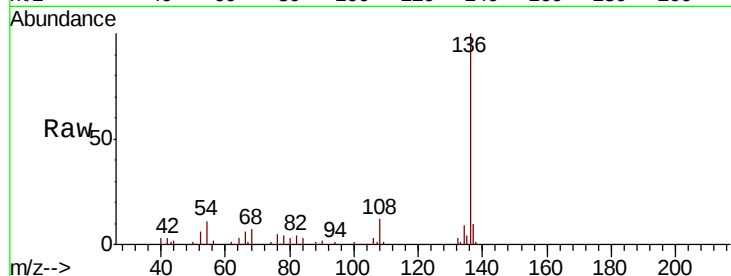




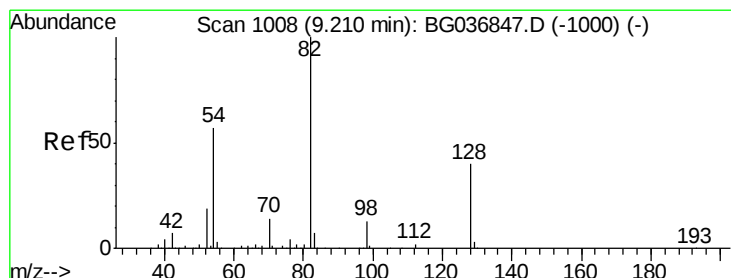
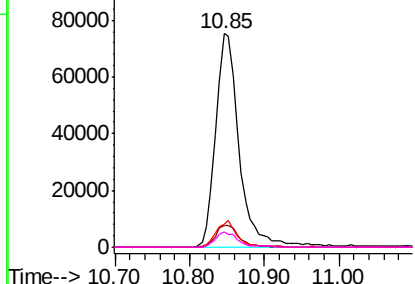
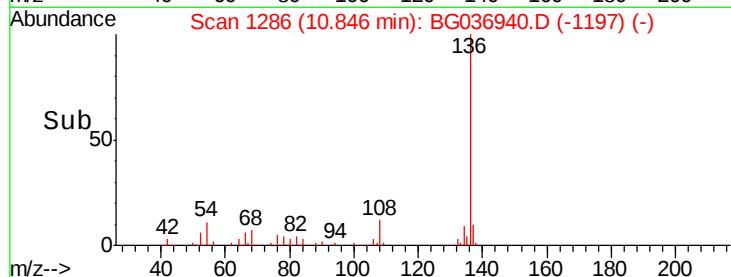
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036940.D
Acq: 25 Sep 2018 6:11

Instrument :
BNA_G
ClientSampleId :
NB-PIT-2

Tgt Ion:	136	Resp:	165944
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.9	9.2	13.8
68	7.0	5.8	8.6

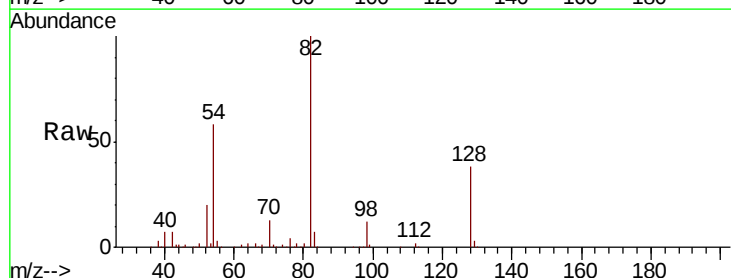


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

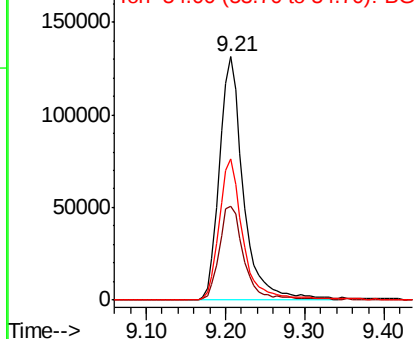
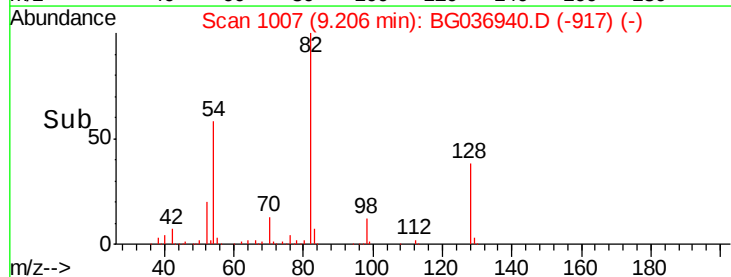


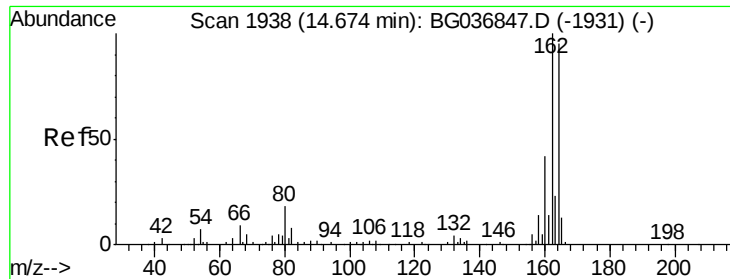
#23
Nitrobenzene-d5
Concen: 89.154 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036940.D
Acq: 25 Sep 2018 6:11

Tgt Ion:	82	Resp:	276272
Ion	Ratio	Lower	Upper
82	100		
128	38.4	33.3	49.9
54	58.2	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG036940.D

Acq: 25 Sep 2018 6:11

Instrument :

BNA_G

ClientSampleId :

NB-PIT-2

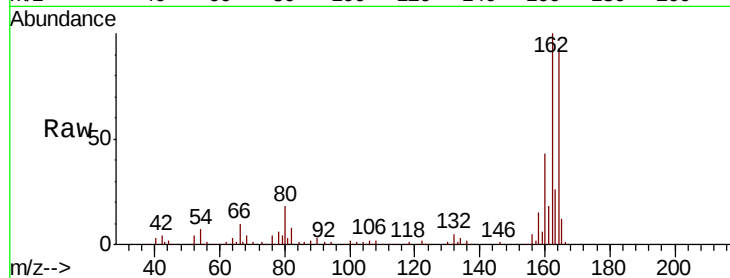
Tgt Ion:164 Resp: 111095

Ion Ratio Lower Upper

164 100

162 107.7 80.7 121.1

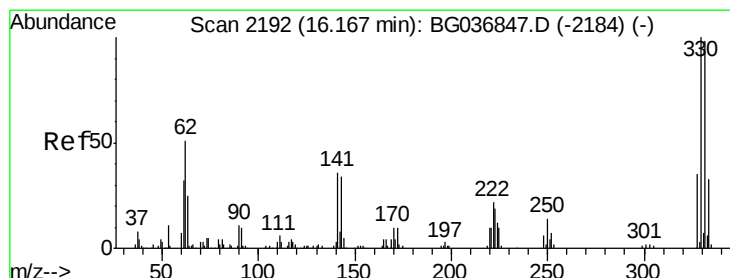
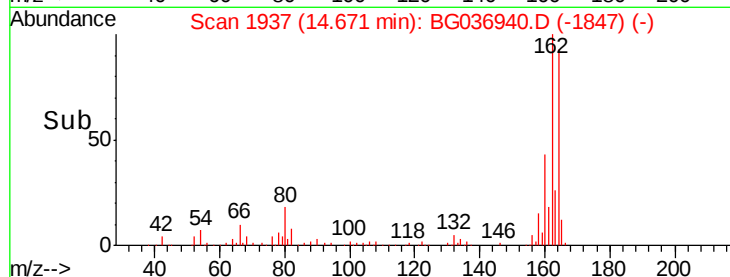
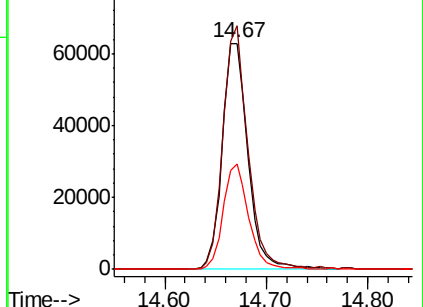
160 46.5 35.3 52.9



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: 118.691 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036940.D

Acq: 25 Sep 2018 6:11

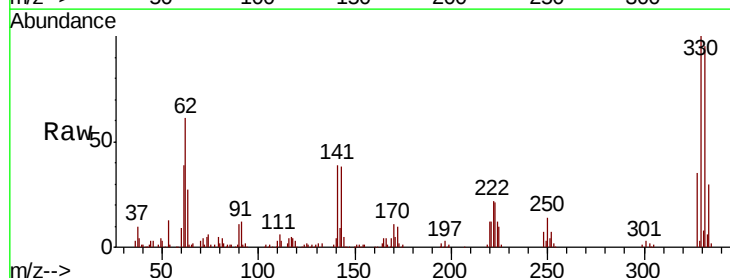
Tgt Ion:330 Resp: 157762

Ion Ratio Lower Upper

330 100

332 95.4 75.4 113.2

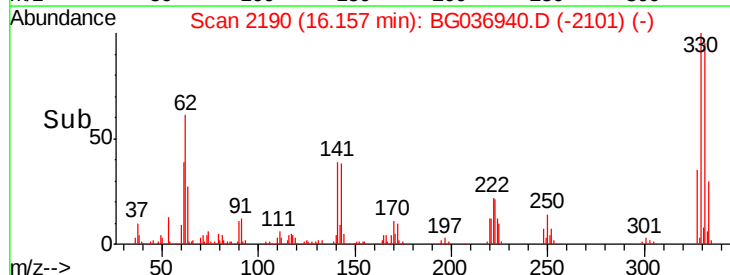
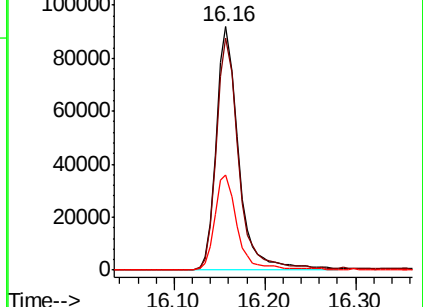
141 38.5 30.7 46.1

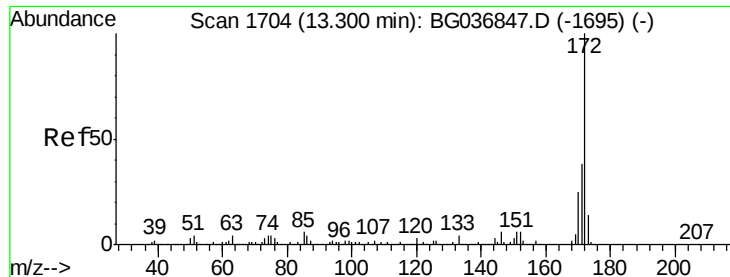


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

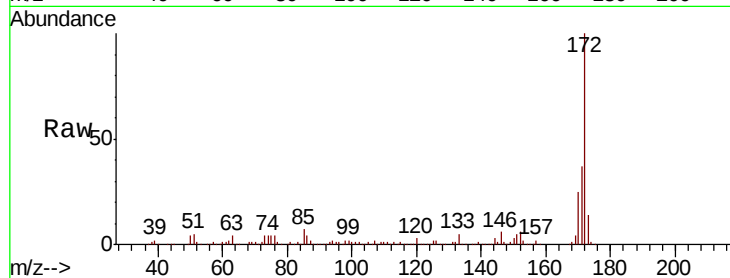




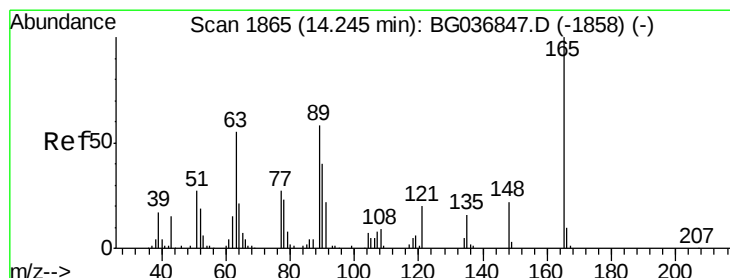
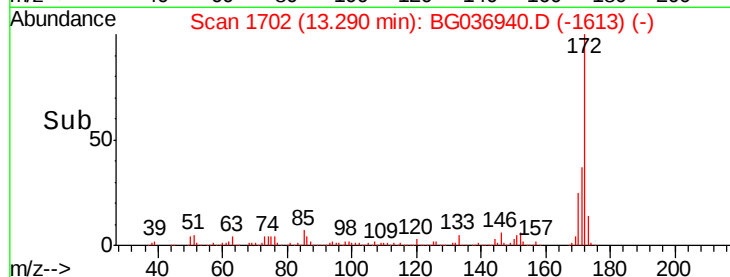
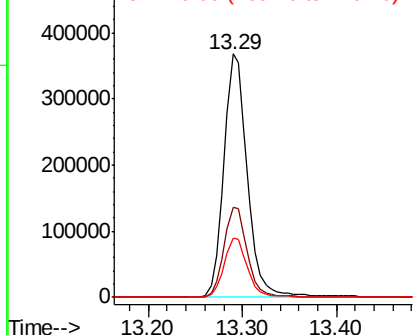
#44
 2-Fluorobiphenyl
 Concen: 85.746 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036940.D
 Acq: 25 Sep 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-2

Tgt Ion:172 Resp: 639584
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.3 46.9
 170 24.5 21.0 31.6

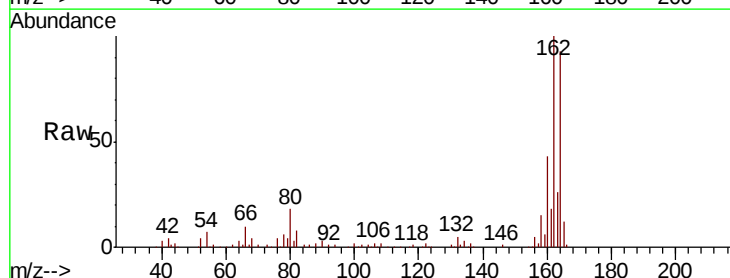


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

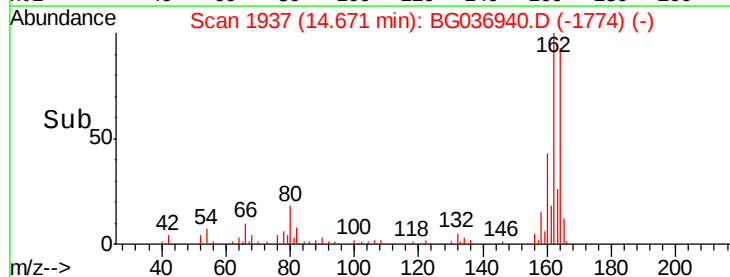
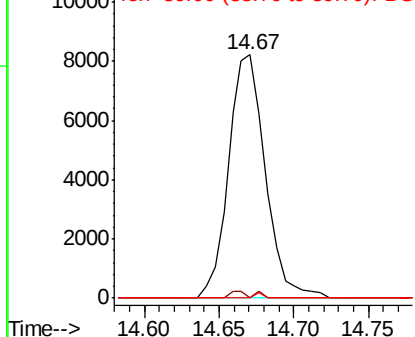


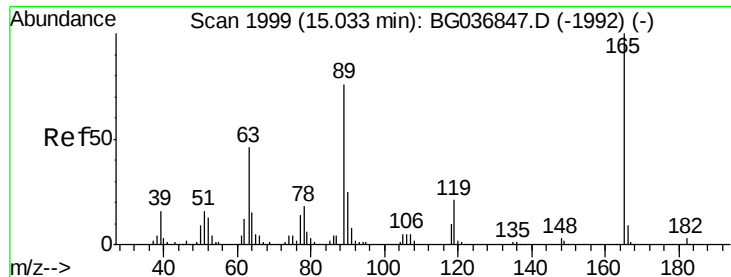
#50
 2,6-Dinitrotoluene
 Concen: 7.235 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.43 min
 Lab File: BG036940.D
 Acq: 25 Sep 2018 6:11

Tgt Ion:165 Resp: 14116
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 0.0 47.8 71.6#



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

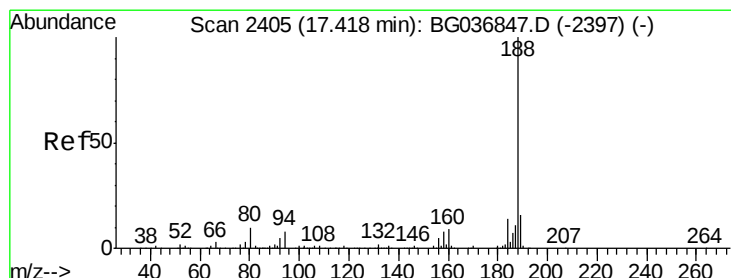
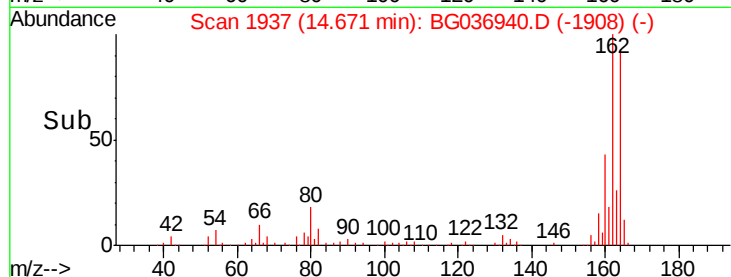
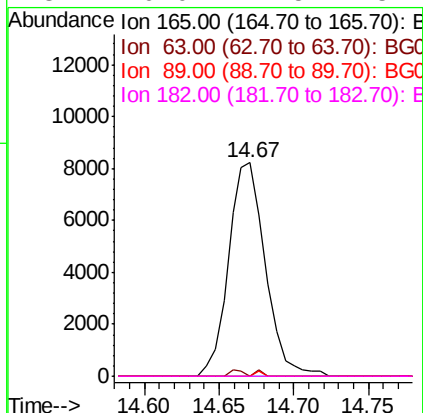
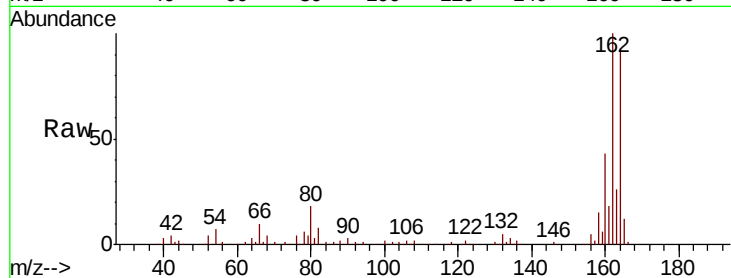




#56
 2,4-Dinitrotoluene
 Concen: 5.185 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036940.D
 Acq: 25 Sep 2018 6:11

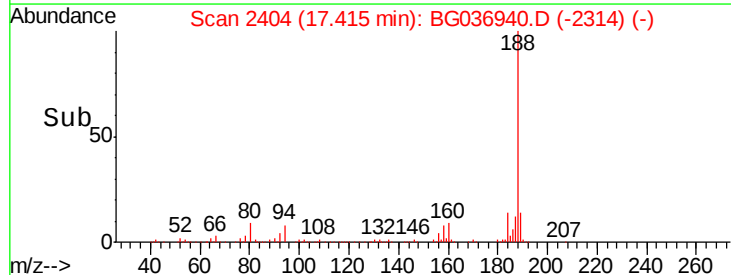
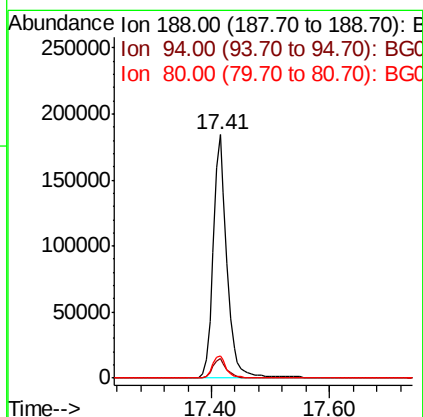
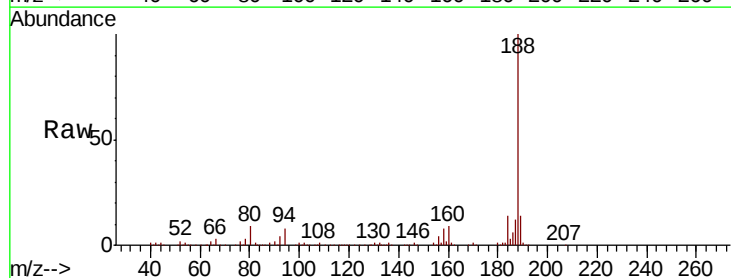
Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-2

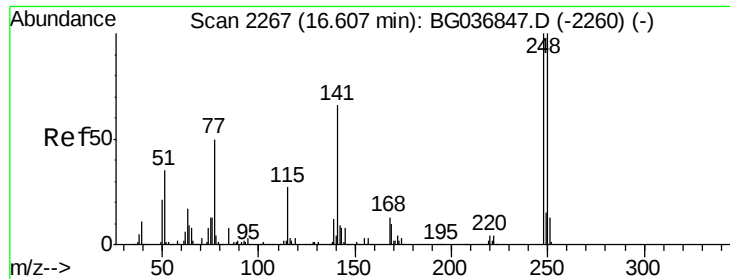
Tgt Ion:	165	Resp:	14116
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.00 min
 Lab File: BG036940.D
 Acq: 25 Sep 2018 6:11

Tgt Ion:	188	Resp:	299524
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.0	8.1	12.1

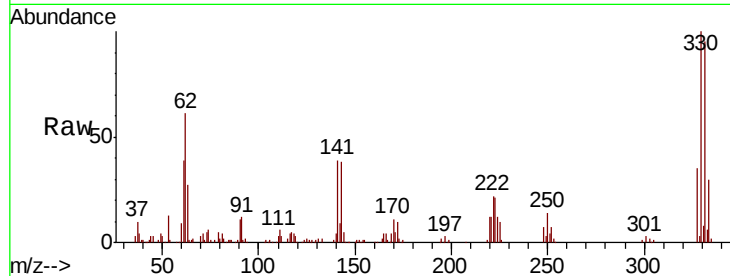




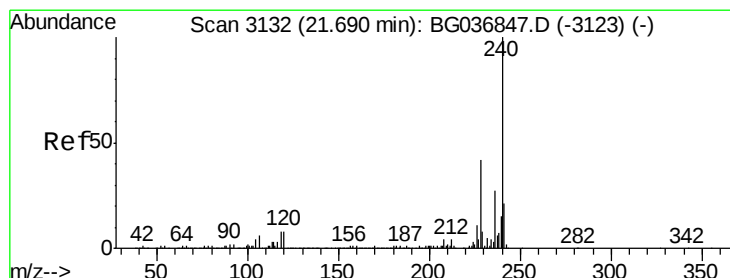
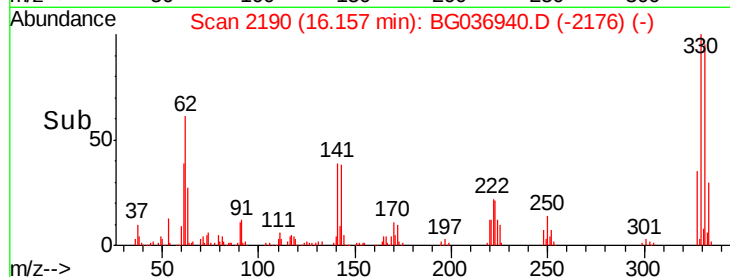
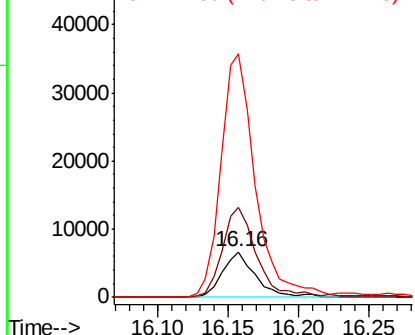
#66
 4-Bromophenyl-phenylether
 Concen: 3.178 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG036940.D
 Acq: 25 Sep 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-2

Tgt Ion:248 Resp: 10826
 Ion Ratio Lower Upper
 248 100
 250 197.6 78.1 117.1#
 141 536.0 53.7 80.5#

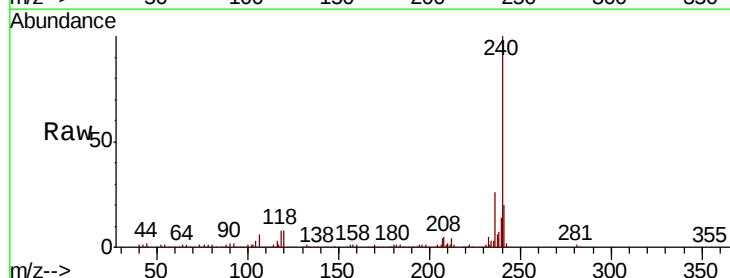


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

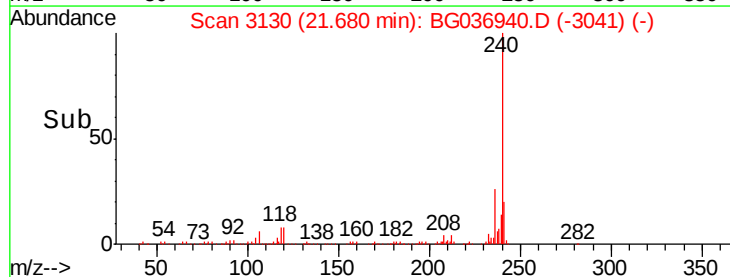
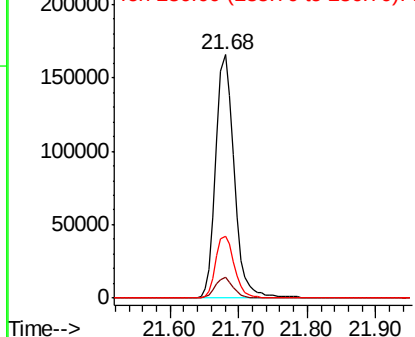


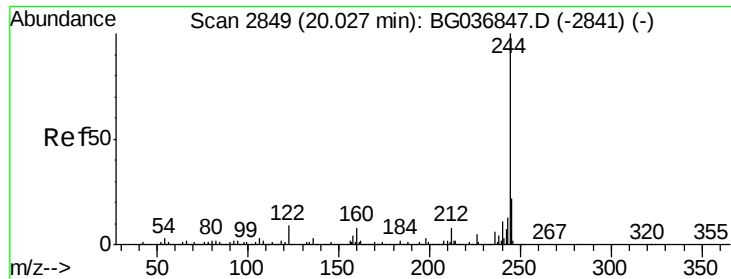
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036940.D
 Acq: 25 Sep 2018 6:11

Tgt Ion:240 Resp: 310260
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 25.7 21.2 31.8



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: 90.235 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036940.D

Acq: 25 Sep 2018 6:11

Instrument :

BNA_G

ClientSampleId :

NB-PIT-2

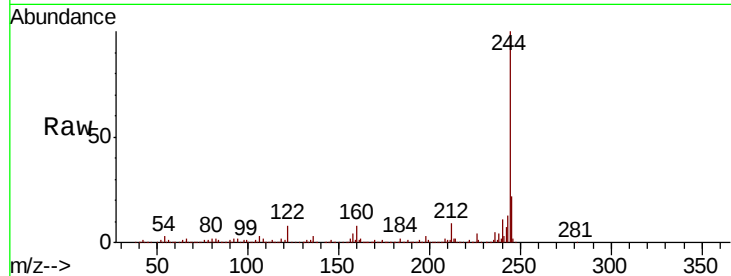
Tgt Ion:244 Resp: 1064701

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

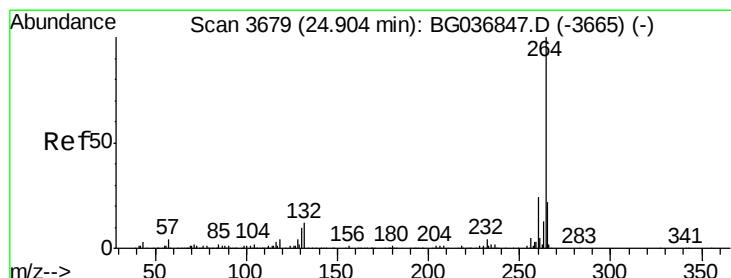
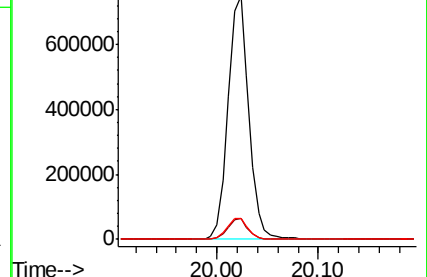
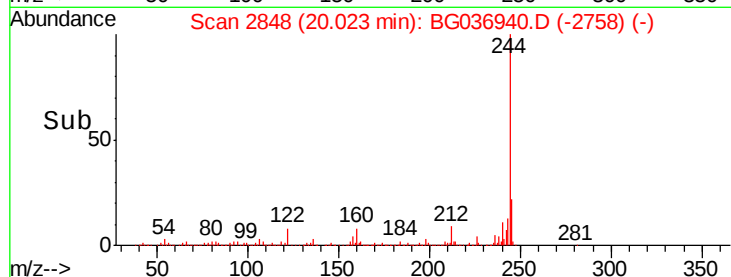
122 8.5 7.1 10.7



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# 3676

Delta R.T. -0.02 min

Lab File: BG036940.D

Acq: 25 Sep 2018 6:11

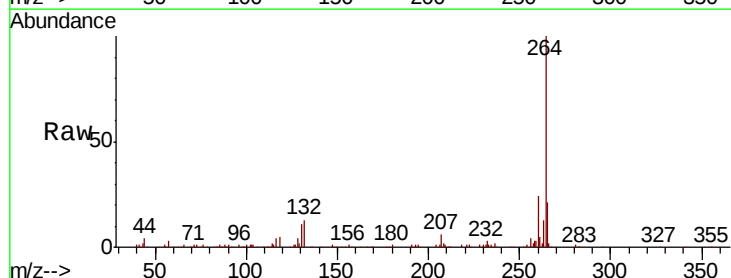
Tgt Ion:264 Resp: 298501

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.4 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

