

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
 Data File : BG040569.D
 Acq On : 19 Apr 2019 19:46
 Operator : JU/SJ
 Sample : K2479-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-70-71

Quant Time: Apr 19 23:12:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

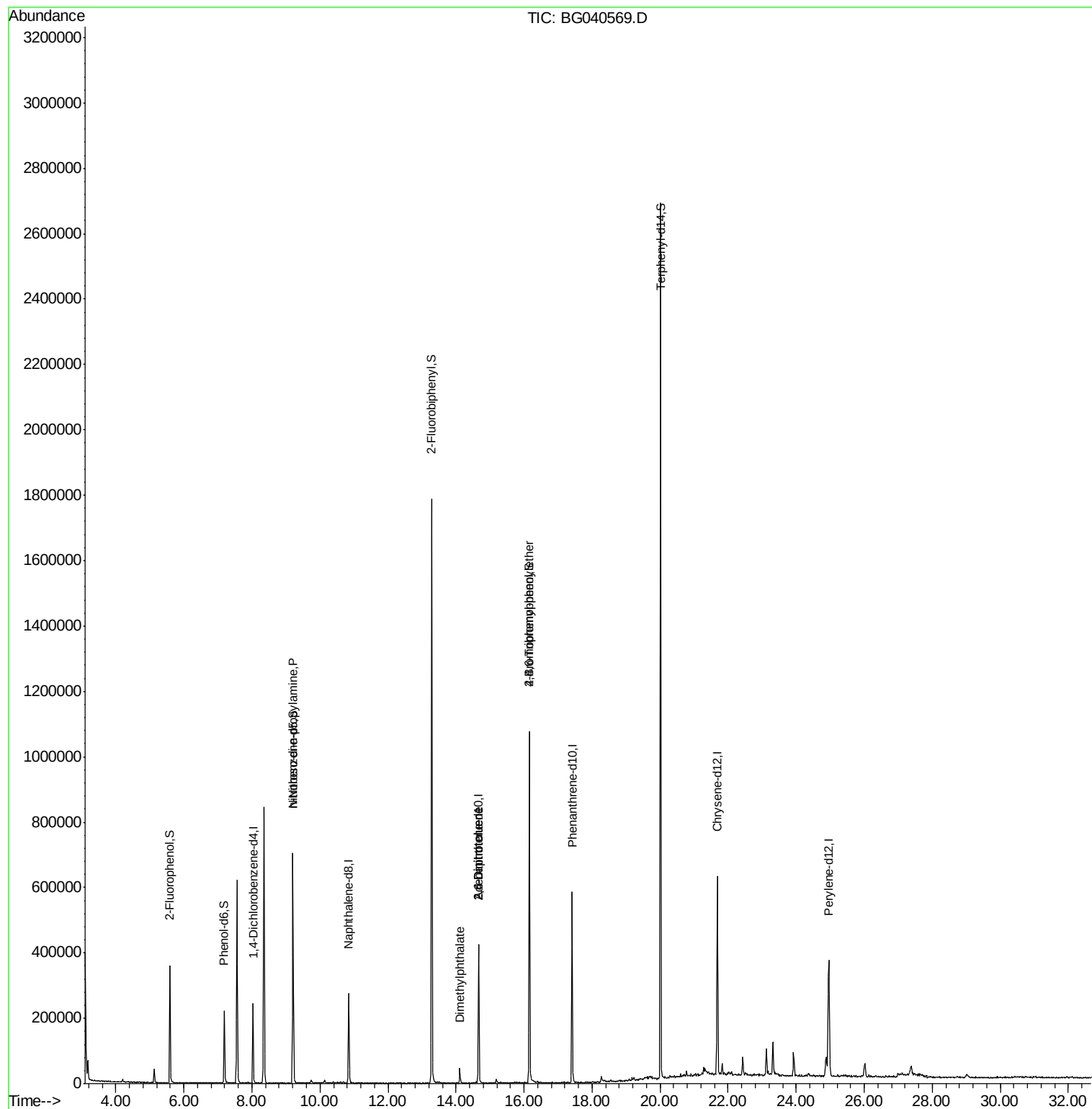
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	64838	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	239187	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	150250	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	367022	20.00	ng	0.00
76) Chrysene-d12	21.68	240	351774	20.00	ng	-0.02
87) Perylene-d12	24.96	264	371226	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	165961	42.55	ng	-0.01
7) Phenol-d6	7.18	99	137926	25.59	ng	-0.01
23) Nitrobenzene-d5	9.21	82	435519	96.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	199373	122.78	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1005812	99.19	ng	-0.01
79) Terphenyl-d14	20.02	244	1273480	81.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	57883	14.978	ng	# 73
50) Dimethylphthalate	14.11	163	36911	3.139	ng	# 96
51) 2,6-Dinitrotoluene	14.66	165	18849	7.139	ng	# 27
57) 2,4-Dinitrotoluene	14.66	165	18849	5.138	ng	# 27
67) 4-Bromophenyl-phenylether	16.16	248	15008	3.634	ng	# 1

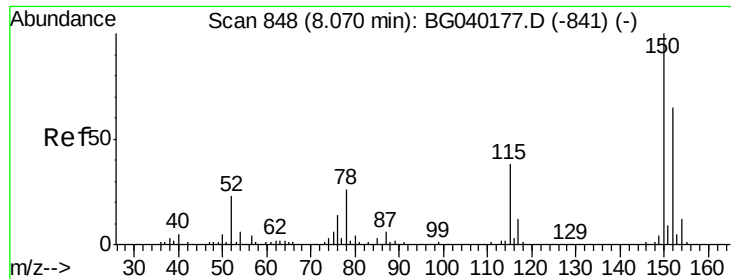
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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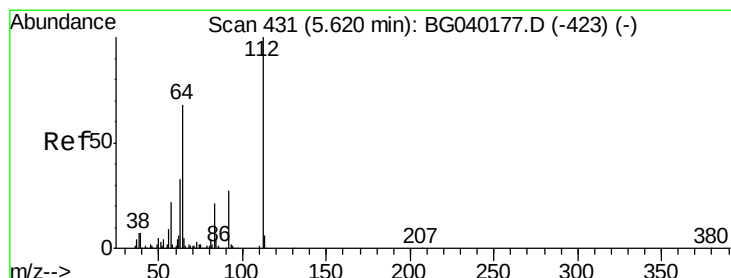
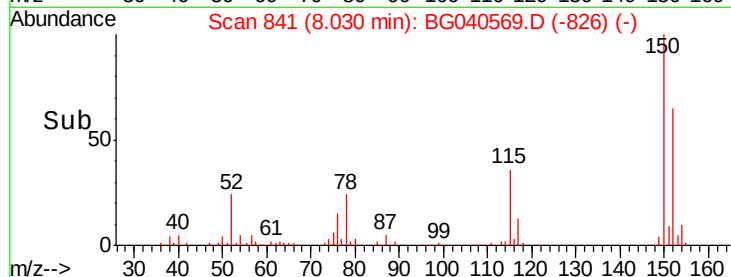
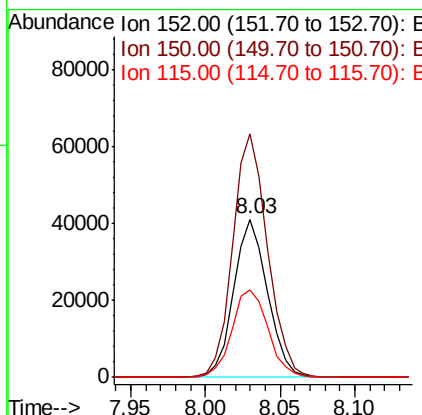
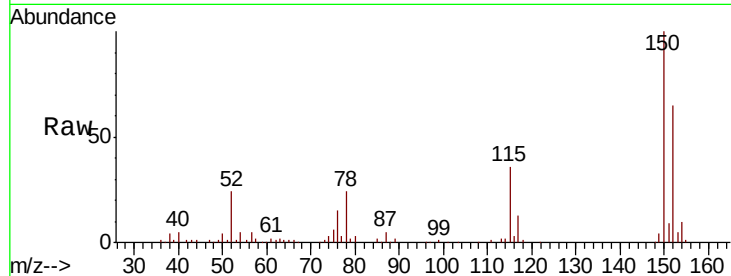




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG040569.D
 Acq: 19 Apr 2019 19:46

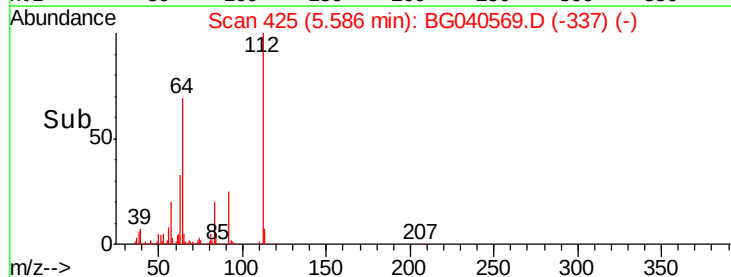
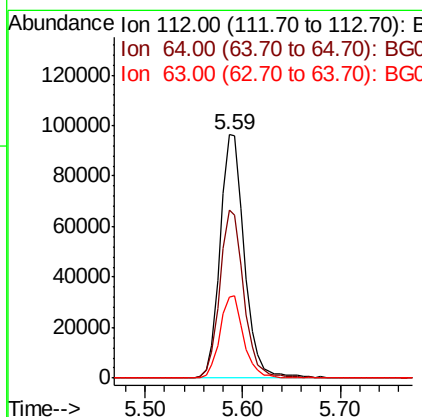
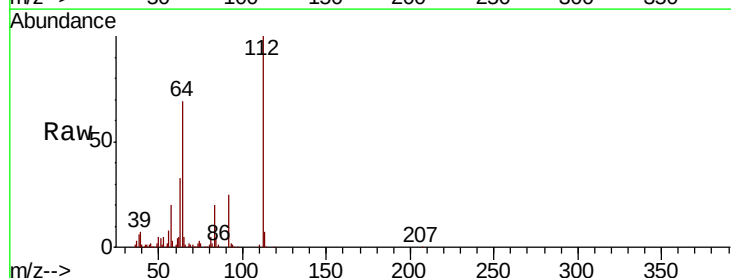
Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-70-71

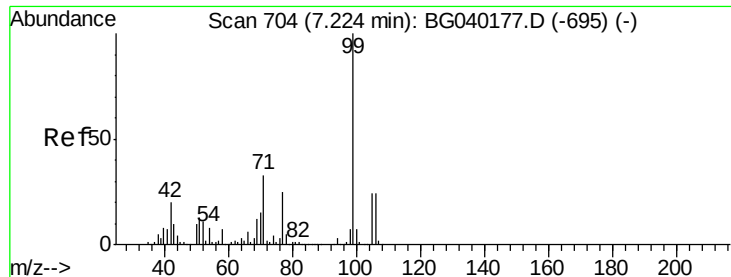
Tgt Ion:152 Resp: 64838
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.7 185.5
 115 55.5 46.9 70.3



#5
 2-Fluorophenol
 Concen: 42.552 ng
 RT: 5.59 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BG040569.D
 Acq: 19 Apr 2019 19:46

Tgt Ion:112 Resp: 165961
 Ion Ratio Lower Upper
 112 100
 64 69.3 54.2 81.2
 63 33.2 26.4 39.6





#7

Phenol-d6

Concen: 25.588 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG040569.D

Acq: 19 Apr 2019 19:46

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-70-71

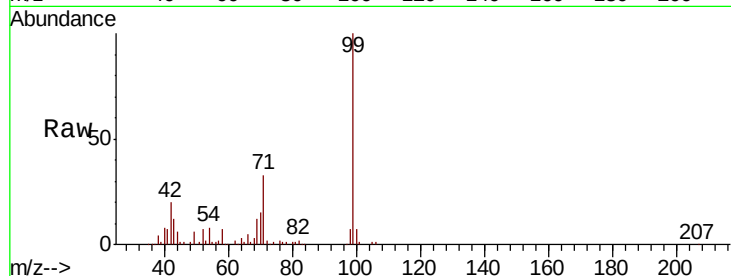
Tgt Ion: 99 Resp: 137926

Ion Ratio Lower Upper

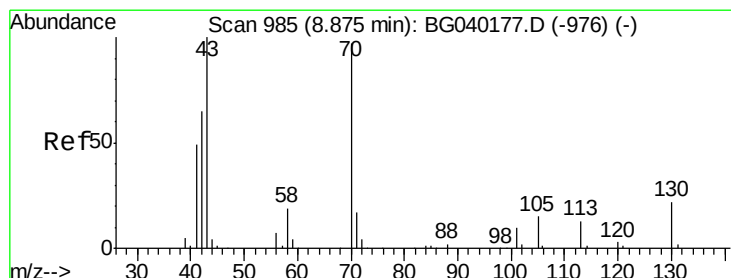
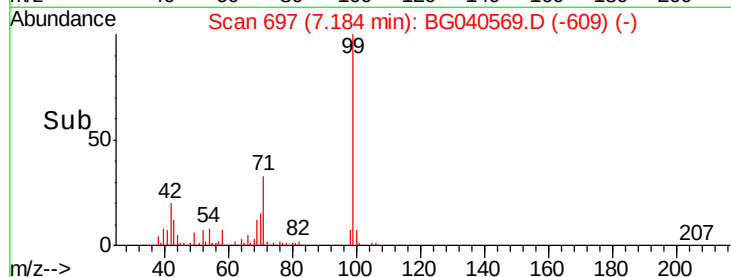
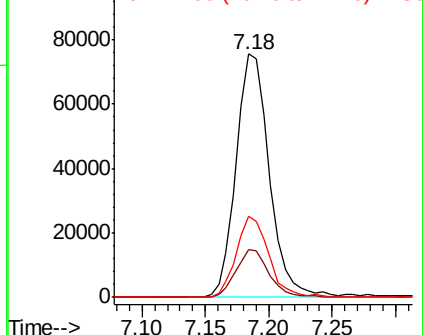
99 100

42 19.8 16.2 24.2

71 33.1 26.8 40.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.978 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.36 min

Lab File: BG040569.D

Acq: 19 Apr 2019 19:46

Tgt Ion: 70 Resp: 57883

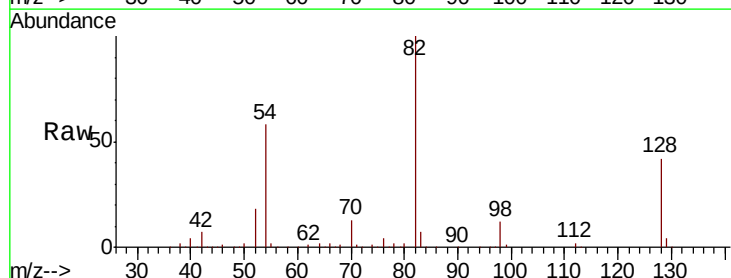
Ion Ratio Lower Upper

70 100

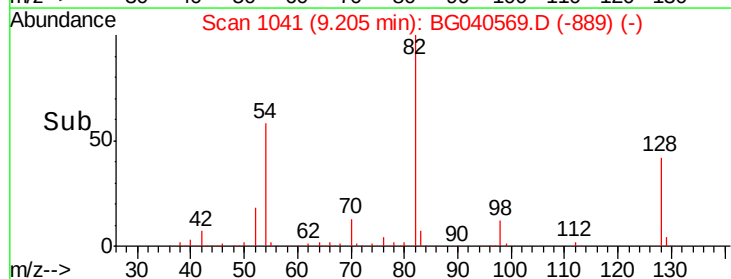
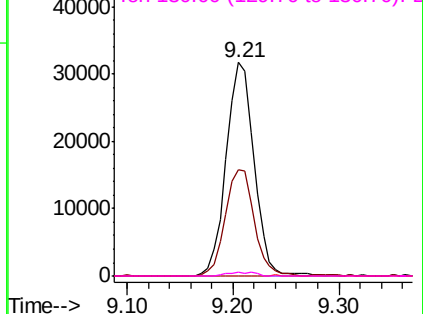
42 49.9 54.0 81.0#

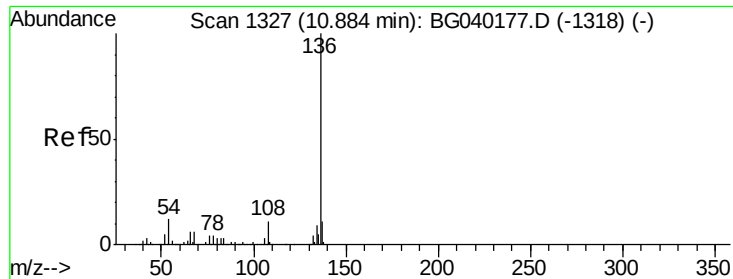
101 0.0 8.6 13.0#

130 1.8 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

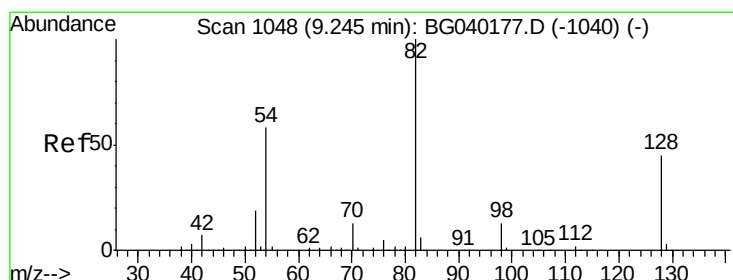
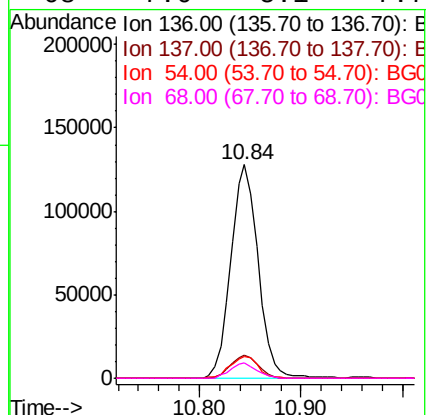
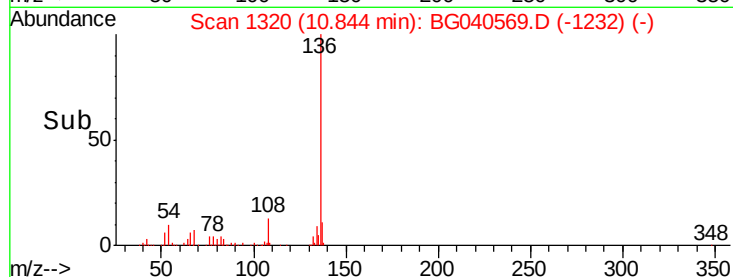
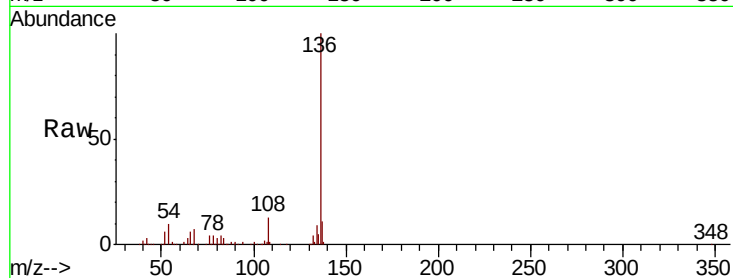




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG040569.D
Acq: 19 Apr 2019 19:46

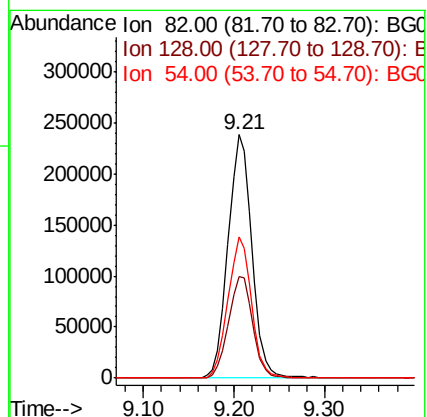
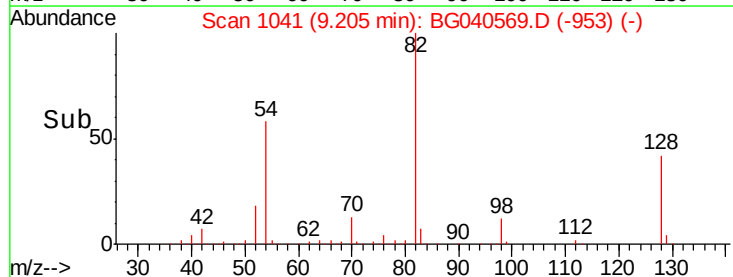
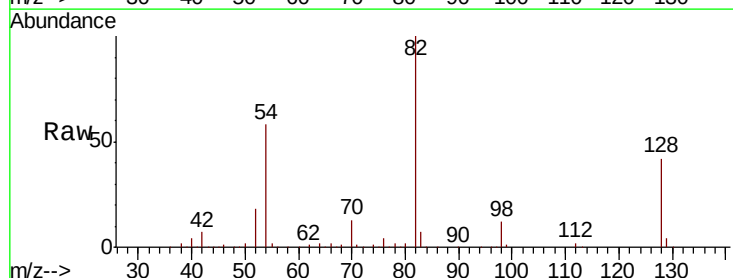
Instrument :
BNA_G
ClientSampleId :
TP-TRACK-70-71

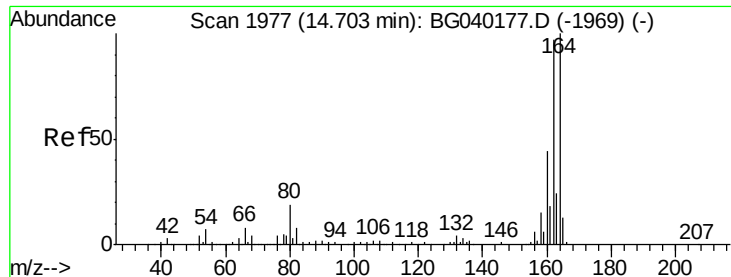
Tgt Ion:	136	Resp:	239187
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.5	9.6	14.4
68	7.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 96.783 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG040569.D
Acq: 19 Apr 2019 19:46

Tgt Ion:	82	Resp:	435519
Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.8	53.8
54	57.8	46.2	69.2

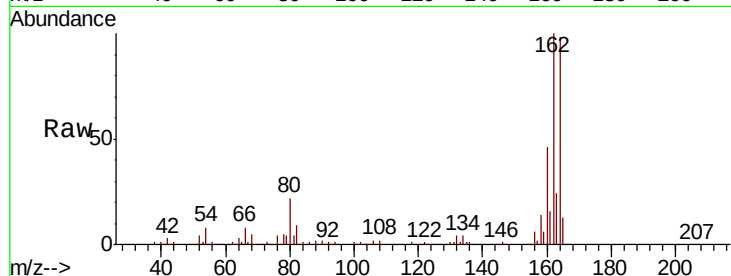




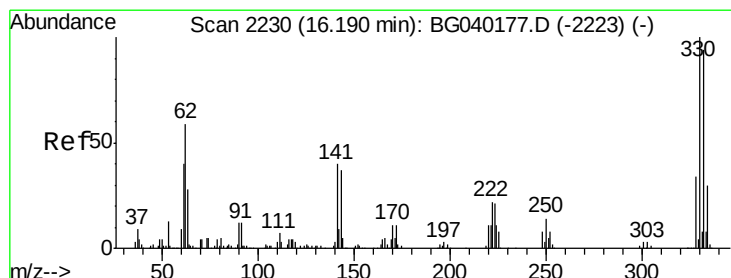
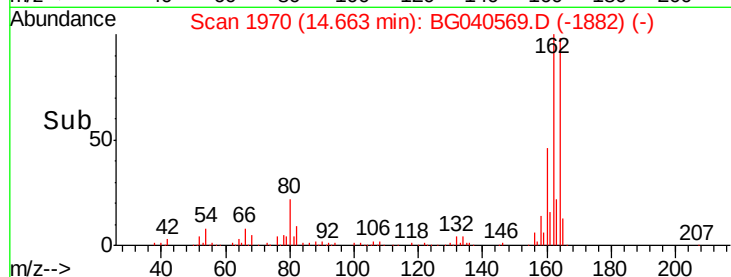
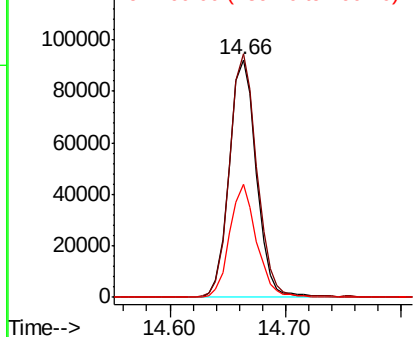
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG040569.D
Acq: 19 Apr 2019 19:46

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-70-71

Tgt Ion:164 Resp: 150250
Ion Ratio Lower Upper
164 100
162 102.5 77.4 116.2
160 47.6 35.3 52.9

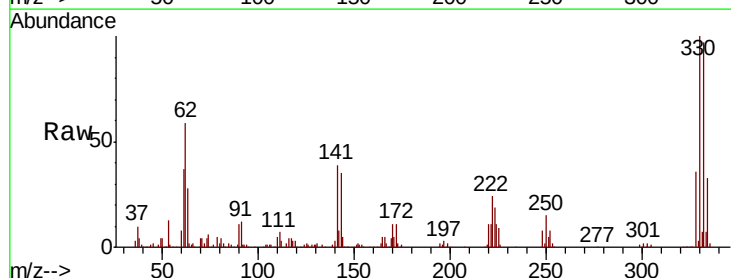


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

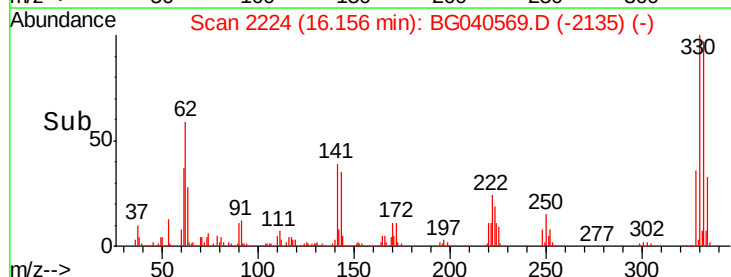
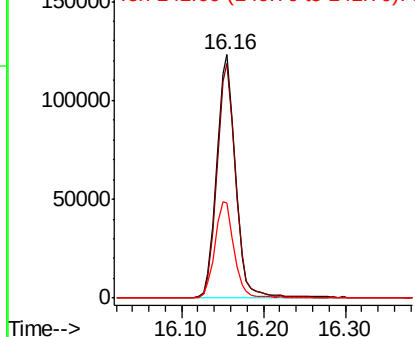


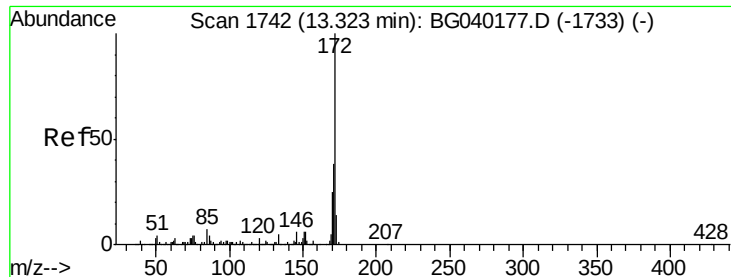
#42
2,4,6-Tribromophenol
Concen: 122.781 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG040569.D
Acq: 19 Apr 2019 19:46

Tgt Ion:330 Resp: 199373
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 40.5 32.6 48.8



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





#45

2-Fluorobiphenyl

Concen: 99.193 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG040569.D

Acq: 19 Apr 2019 19:46

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-70-71

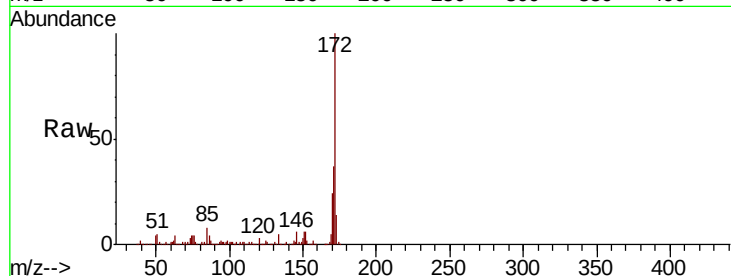
Tgt Ion:172 Resp: 1005812

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

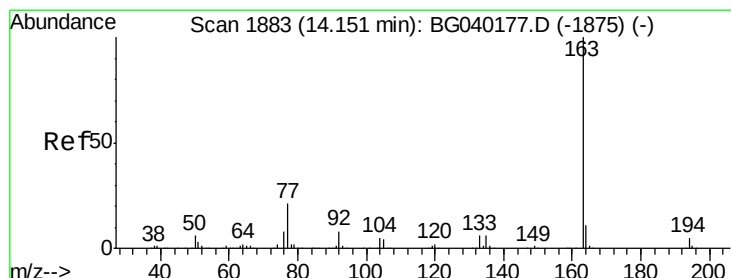
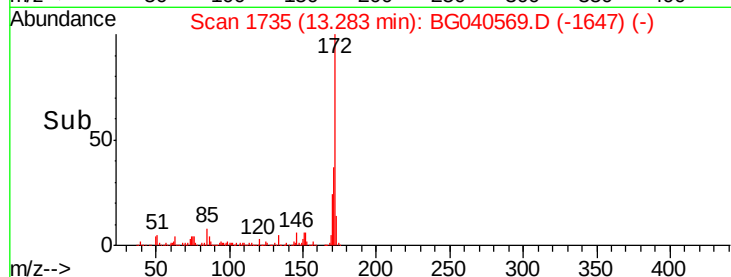
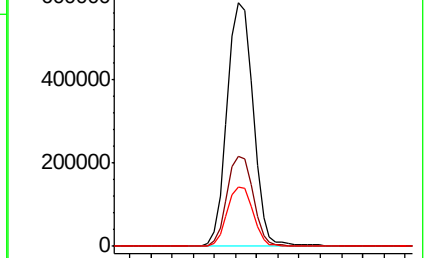
170 24.4 20.1 30.1



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

Dimethylphthalate

Concen: 3.139 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG040569.D

Acq: 19 Apr 2019 19:46

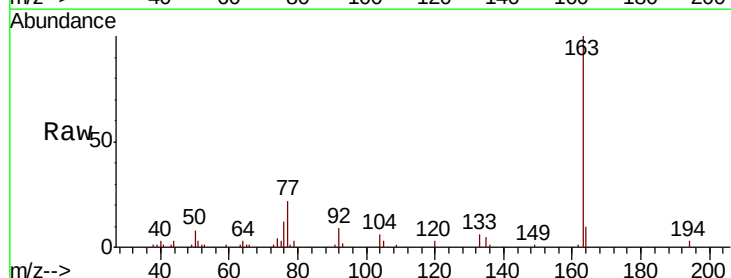
Tgt Ion:163 Resp: 36911

Ion Ratio Lower Upper

163 100

194 3.1 4.1 6.1#

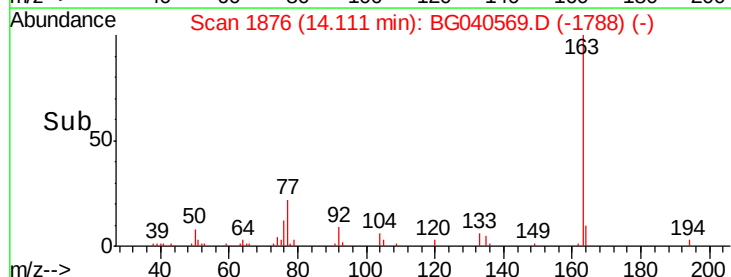
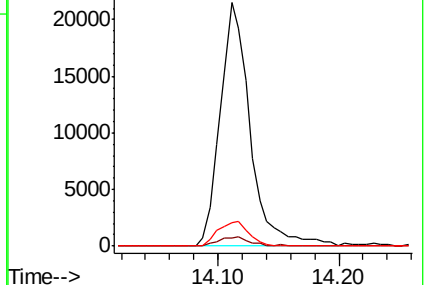
164 9.6 8.6 13.0

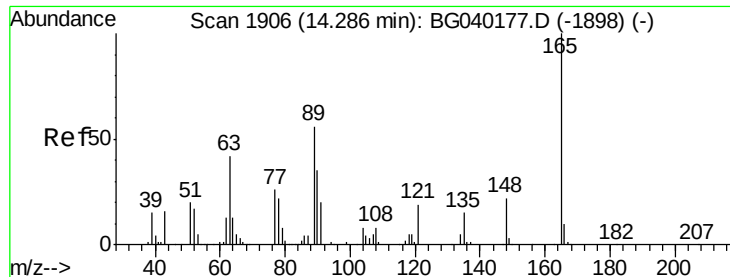


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

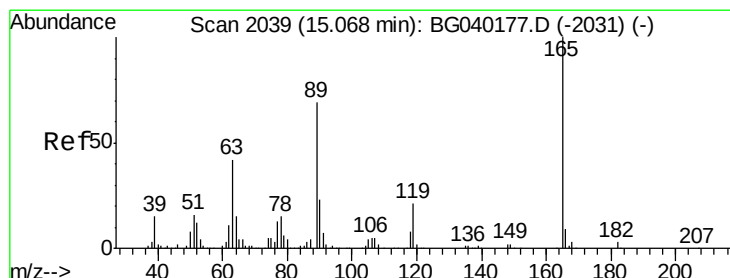
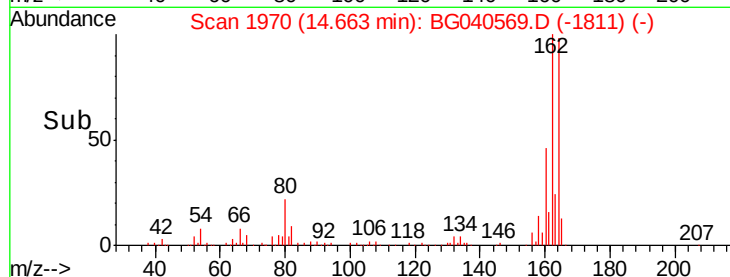
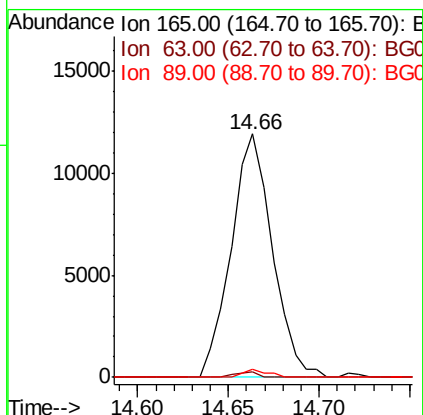
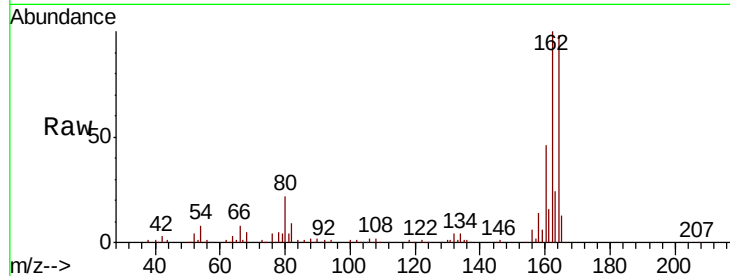




#51
 2,6-Dinitrotoluene
 Concen: 7.139 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.40 min
 Lab File: BG040569.D
 Acq: 19 Apr 2019 19:46

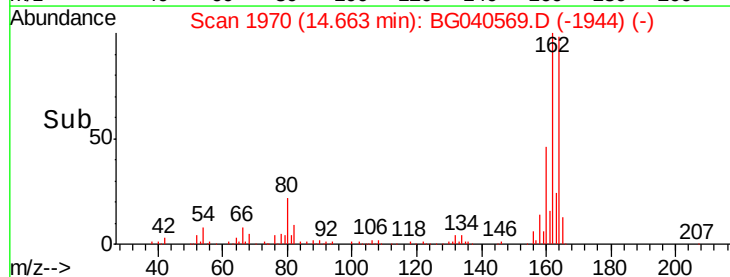
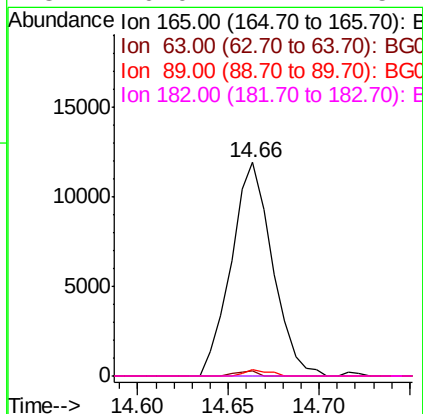
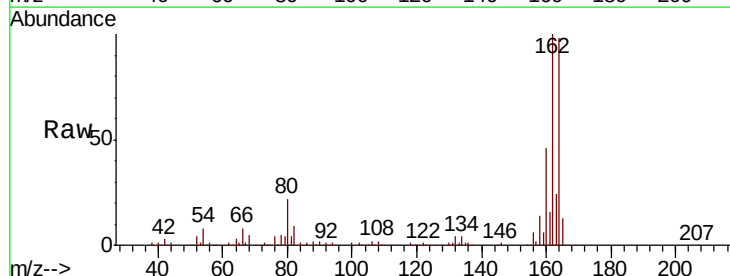
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 TP-TRACK-70-71

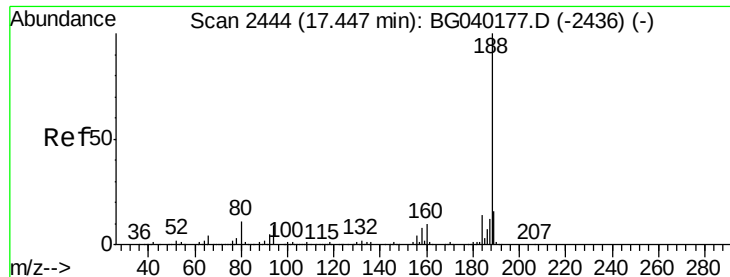
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	44.1	66.1#
89	3.1	44.9	67.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.138 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.38 min
 Lab File: BG040569.D
 Acq: 19 Apr 2019 19:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	33.8	50.6#
89	3.1	55.4	83.2#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG040569.D

Acq: 19 Apr 2019 19:46

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-70-71

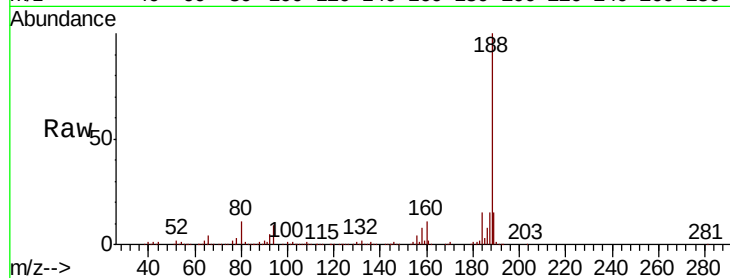
Tgt Ion:188 Resp: 367022

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

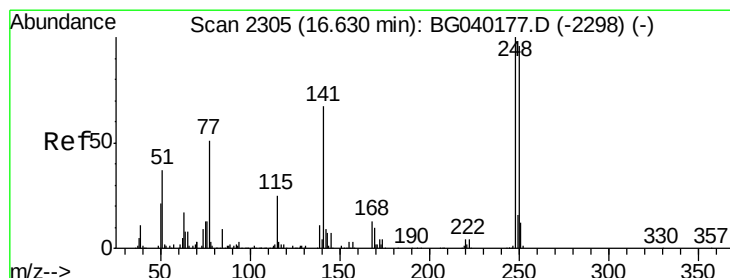
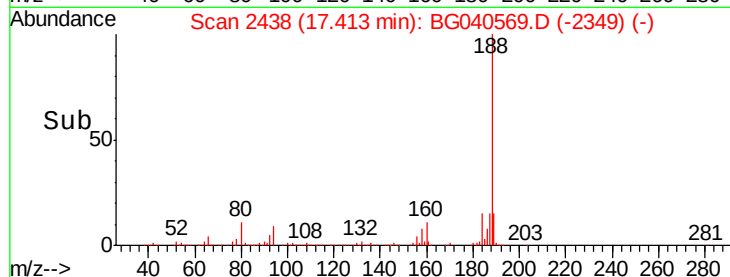
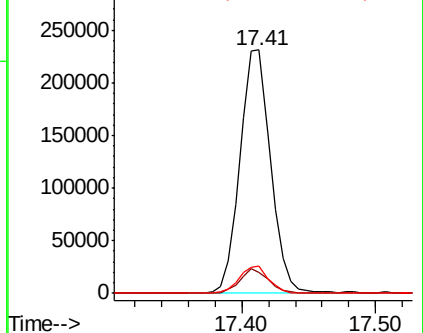
80 11.2 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.634 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.45 min

Lab File: BG040569.D

Acq: 19 Apr 2019 19:46

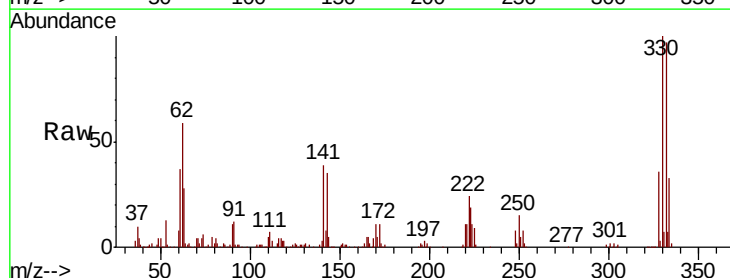
Tgt Ion:248 Resp: 15008

Ion Ratio Lower Upper

248 100

250 189.2 76.4 114.6#

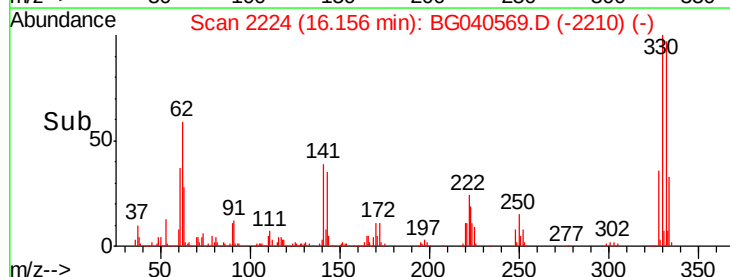
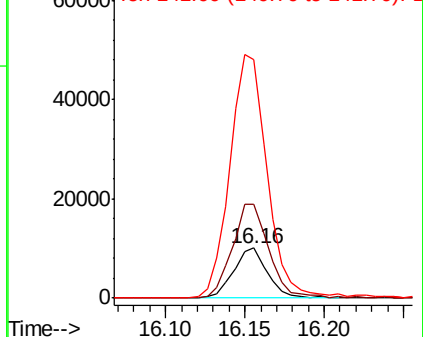
141 479.2 53.8 80.8#

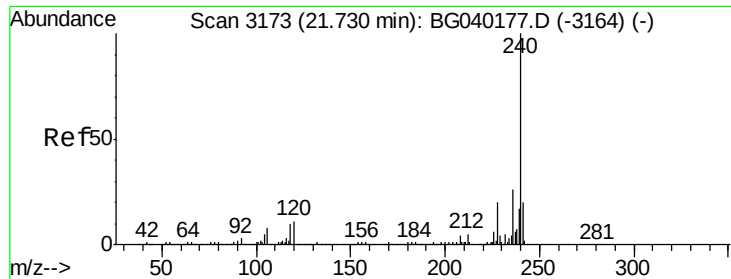


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

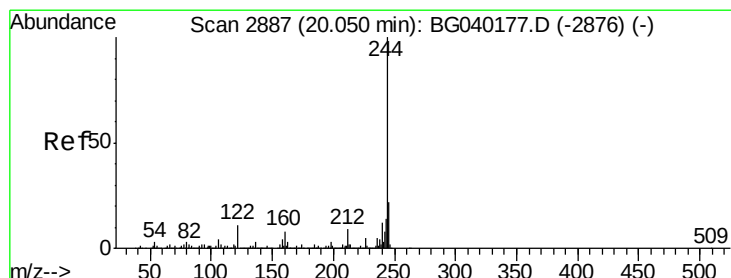
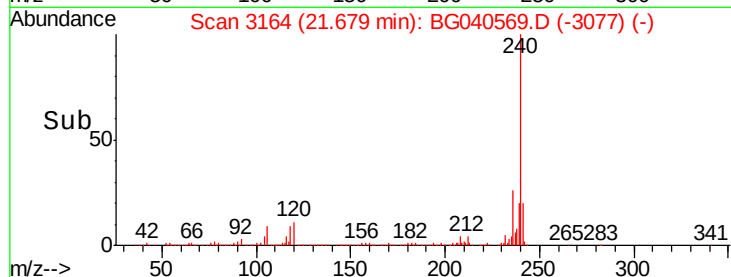
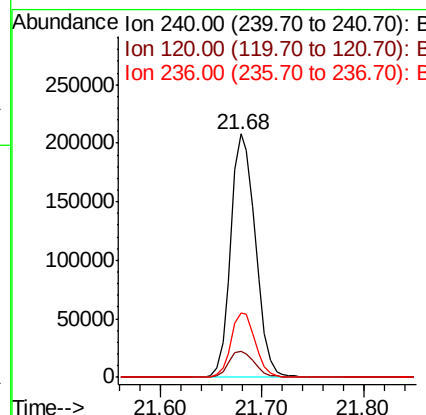
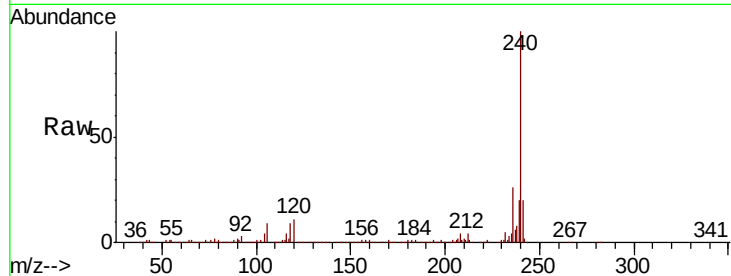




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG040569.D
Acq: 19 Apr 2019 19:46

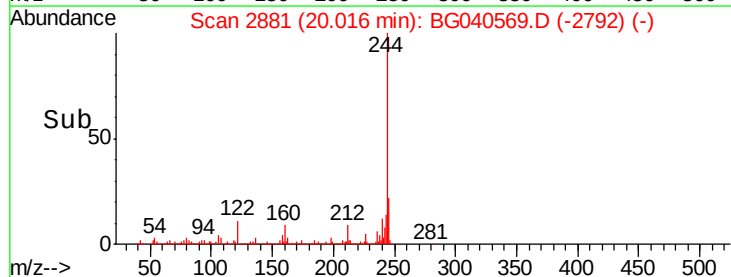
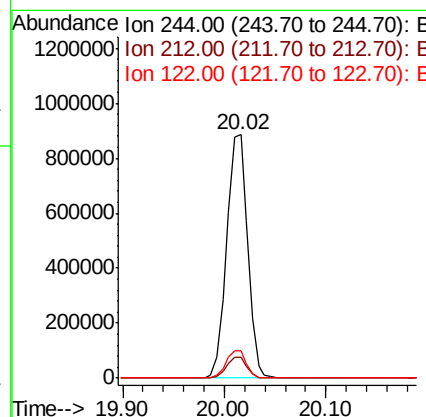
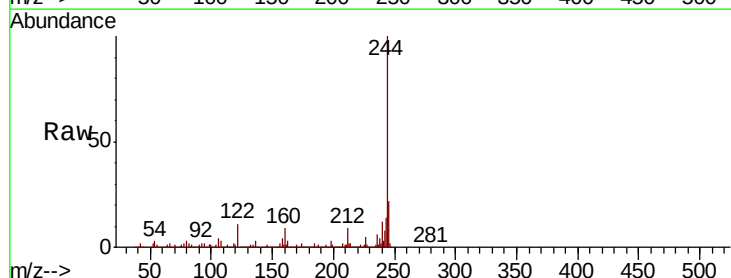
Instrument :
BNA_G
ClientSampleId :
TP-TRACK-70-71

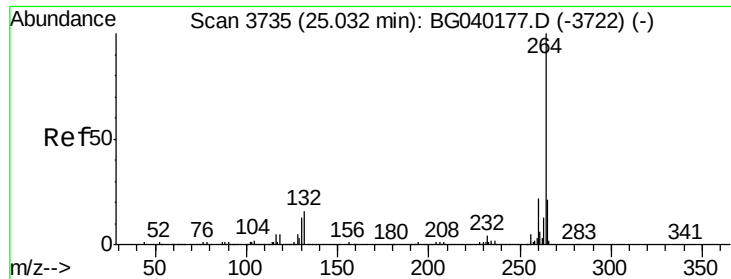
Tgt Ion:240 Resp: 351774
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 26.4 20.8 31.2



#79
Terphenyl-d14
Concen: 81.441 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG040569.D
Acq: 19 Apr 2019 19:46

Tgt Ion:244 Resp: 1273480
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.6
122 11.1 8.5 12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG040569.D
Acq: 19 Apr 2019 19:46

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-70-71

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	21.9	16.8	25.2

