

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
 Data File : BG040568.D
 Acq On : 19 Apr 2019 19:08
 Operator : JU/SJ
 Sample : K2479-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-8-9

Quant Time: Apr 19 23:12:16 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

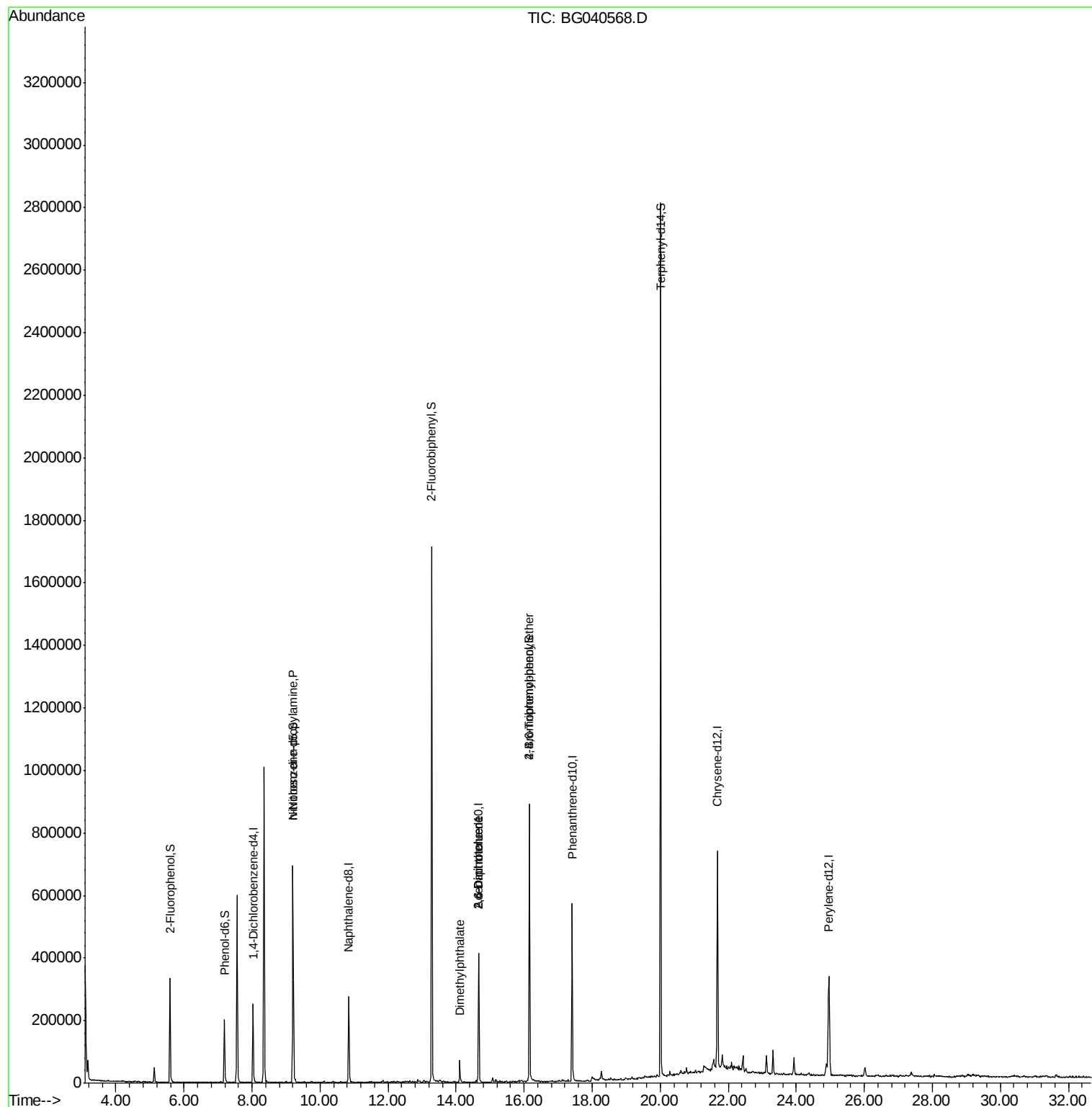
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	72841	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	233210	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	145052	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	348908	20.00	ng	0.00
76) Chrysene-d12	21.68	240	392434	20.00	ng	-0.02
87) Perylene-d12	24.96	264	339750	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	146055	33.33	ng	0.00
7) Phenol-d6	7.19	99	121044	19.99	ng	0.00
23) Nitrobenzene-d5	9.20	82	435702	99.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	152190	97.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	901536	92.10	ng	-0.02
79) Terphenyl-d14	20.01	244	1259394	72.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	57813	13.316	ng	Qvalue # 73
50) Dimethylphthalate	14.11	163	48328	4.257	ng	# 98
51) 2,6-Dinitrotoluene	14.66	165	18542	7.274	ng	# 26
57) 2,4-Dinitrotoluene	14.66	165	18542	5.235	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	11666	2.971	ng	# 1

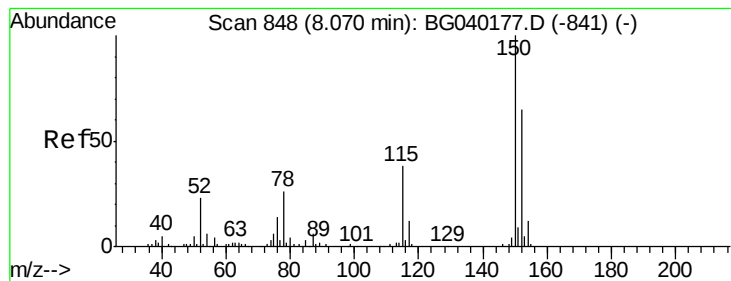
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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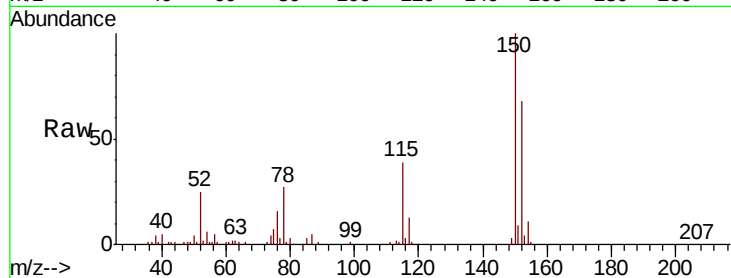


#1

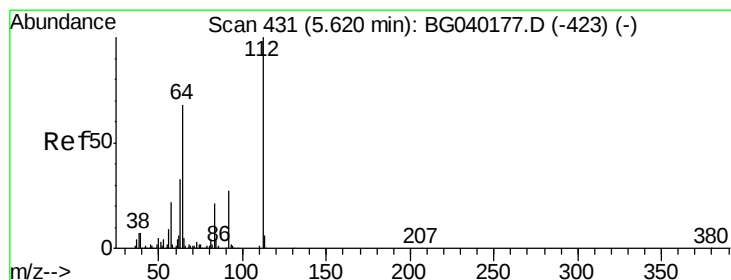
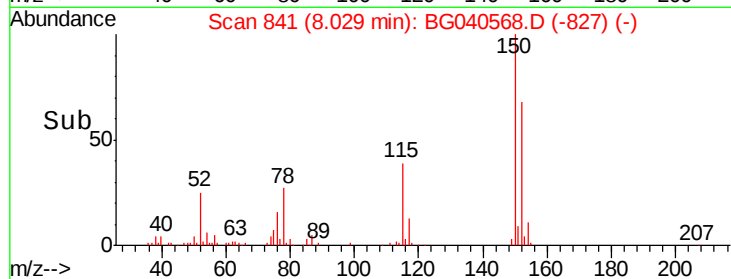
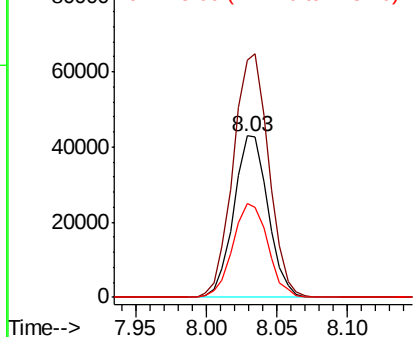
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040568.D
Acq: 19 Apr 2019 19:08

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-8-9

Tgt Ion:152 Resp: 72841
Ion Ratio Lower Upper
152 100
150 147.3 123.7 185.5
115 58.0 46.9 70.3



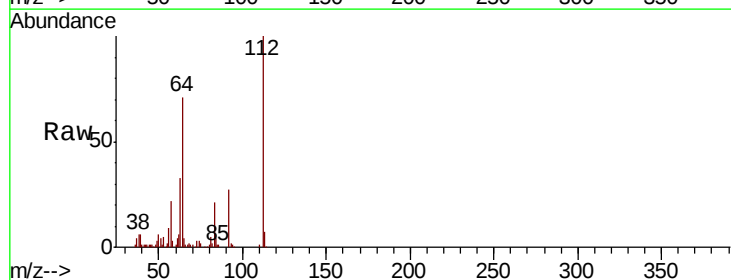
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



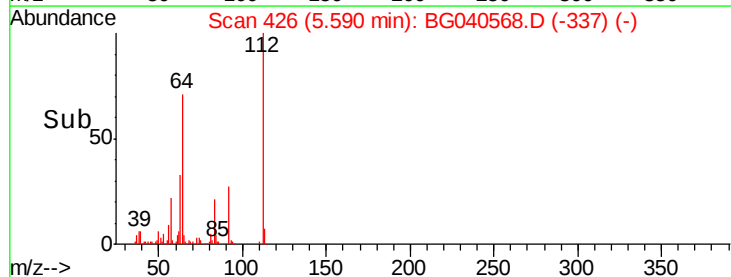
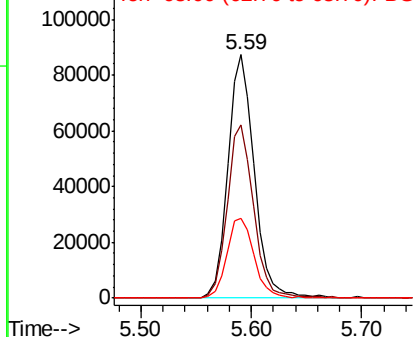
#5

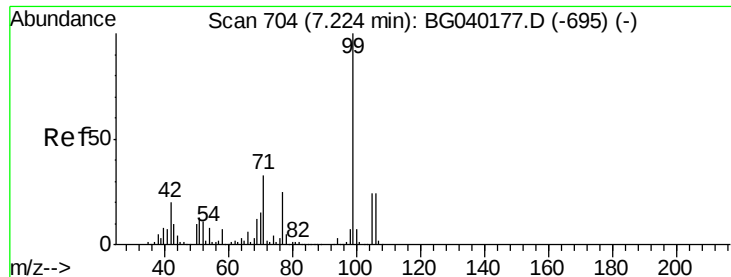
2-Fluorophenol
Concen: 33.333 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.01 min
Lab File: BG040568.D
Acq: 19 Apr 2019 19:08

Tgt Ion:112 Resp: 146055
Ion Ratio Lower Upper
112 100
64 70.9 54.2 81.2
63 32.9 26.4 39.6



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: 19.989 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG040568.D

Acq: 19 Apr 2019 19:08

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-8-9

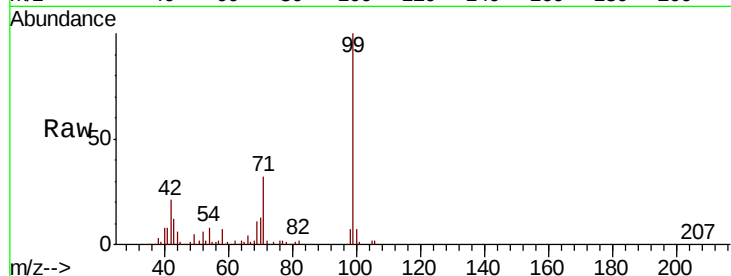
Tgt Ion: 99 Resp: 121044

Ion Ratio Lower Upper

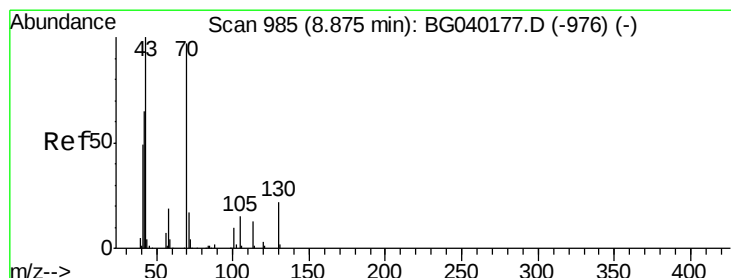
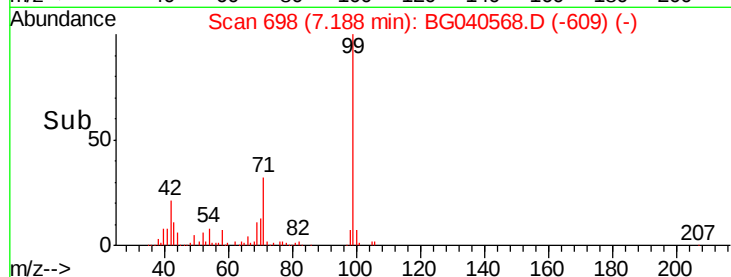
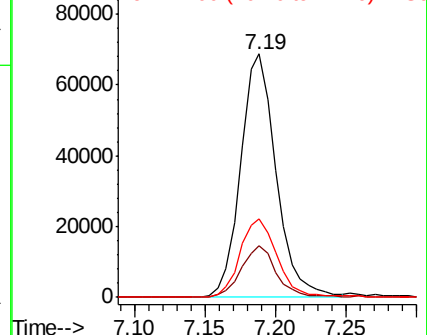
99 100

42 21.0 16.2 24.2

71 32.3 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: 13.316 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.36 min

Lab File: BG040568.D

Acq: 19 Apr 2019 19:08

Tgt Ion: 70 Resp: 57813

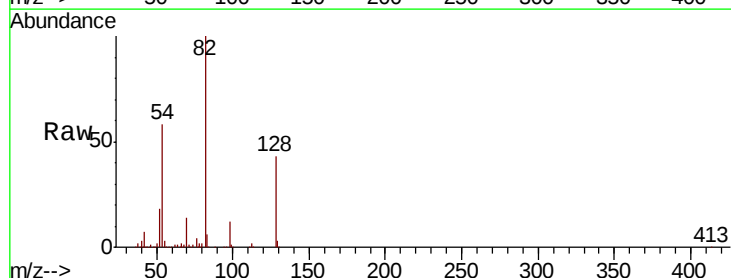
Ion Ratio Lower Upper

70 100

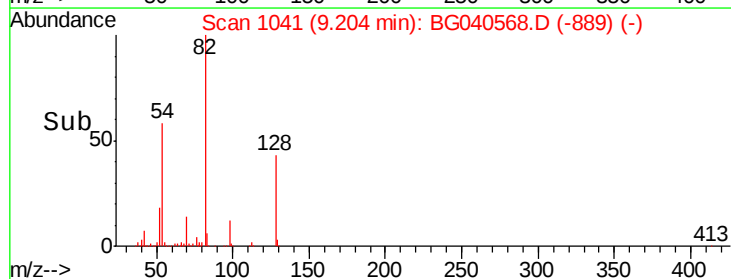
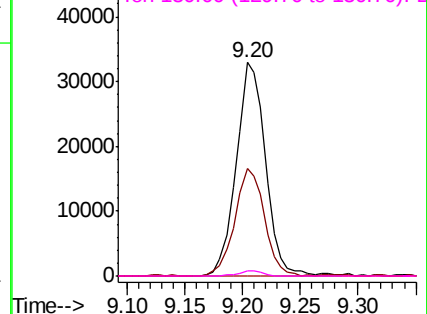
42 50.3 54.0 81.0#

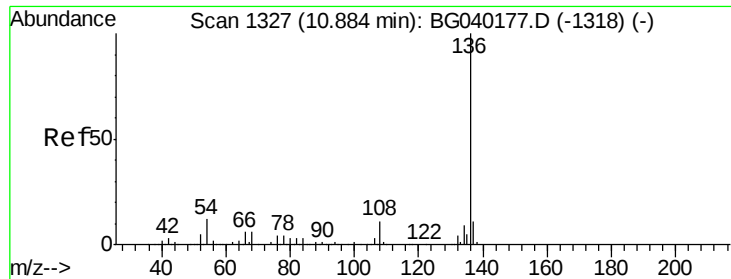
101 0.0 8.6 13.0#

130 2.2 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

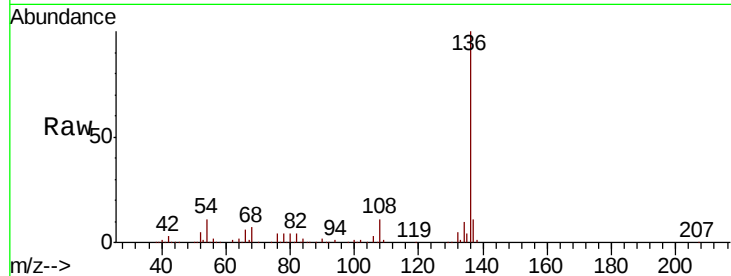




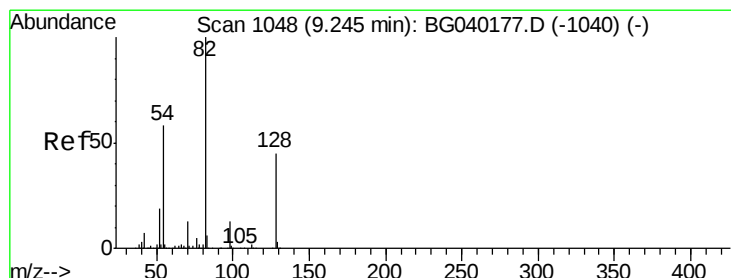
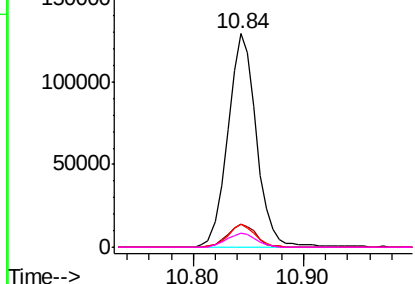
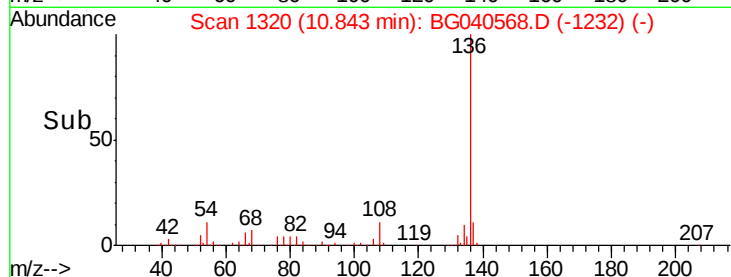
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG040568.D
Acq: 19 Apr 2019 19:08

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-8-9

Tgt Ion:	136	Resp:	233210
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	10.9	9.6	14.4
68	6.5	5.1	7.7

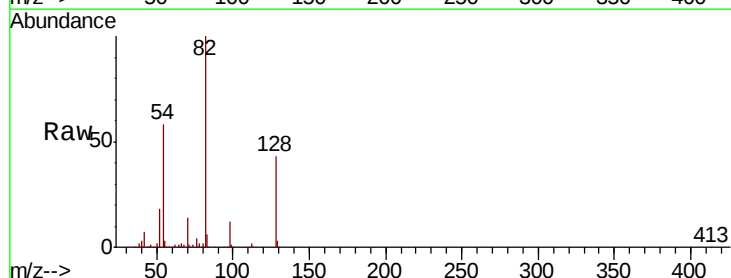


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

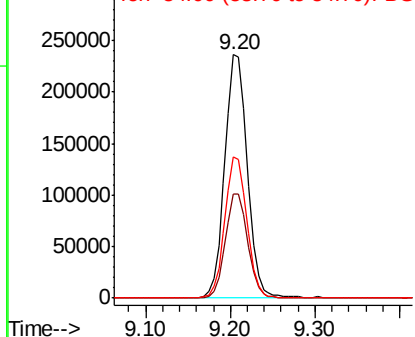
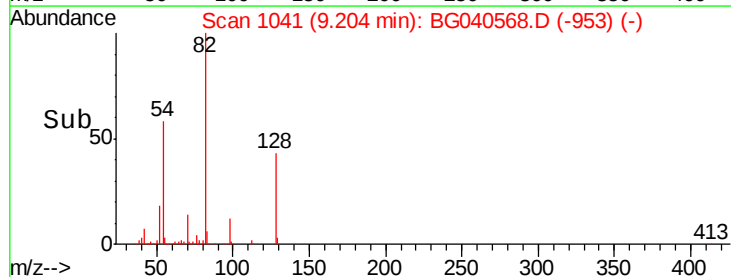


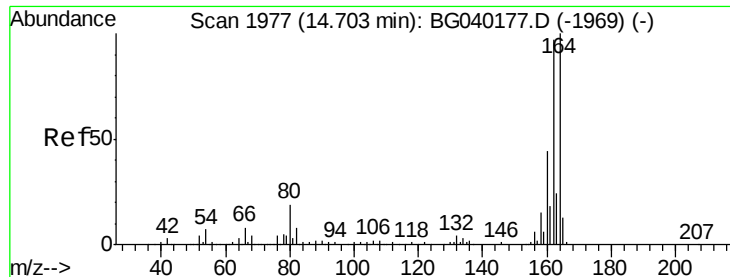
#23
Nitrobenzene-d5
Concen: 99.306 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BG040568.D
Acq: 19 Apr 2019 19:08

Tgt Ion:	82	Resp:	435702
Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.8	53.8
54	58.0	46.2	69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG040568.D

Acq: 19 Apr 2019 19:08

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-8-9

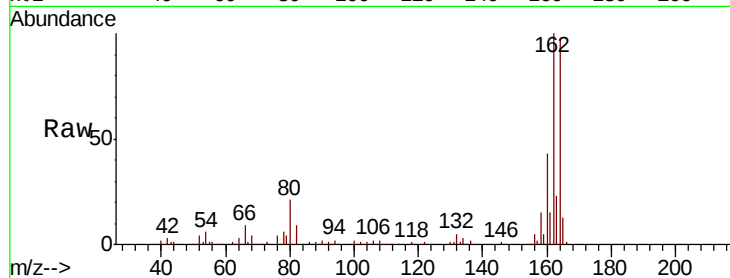
Tgt Ion:164 Resp: 145052

Ion Ratio Lower Upper

164 100

162 103.5 77.4 116.2

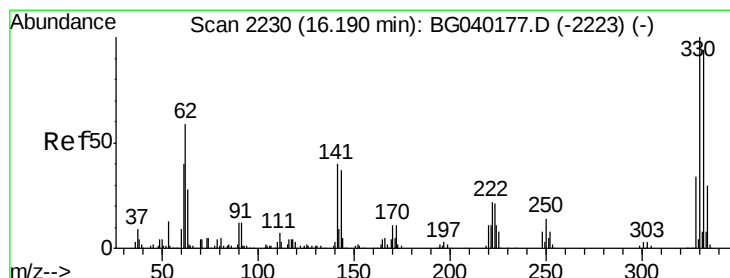
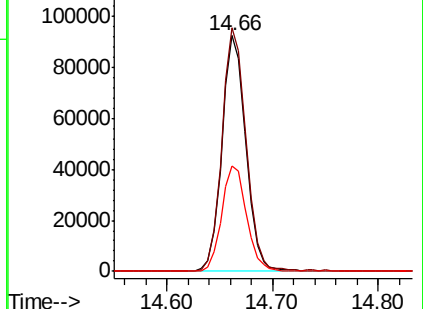
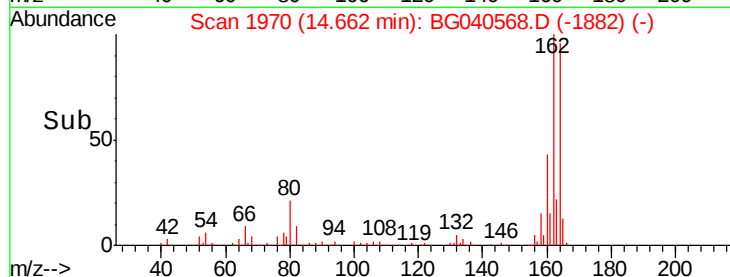
160 44.6 35.3 52.9



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: 97.083 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG040568.D

Acq: 19 Apr 2019 19:08

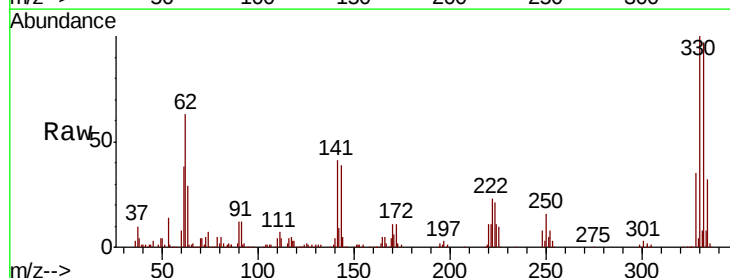
Tgt Ion:330 Resp: 152190

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

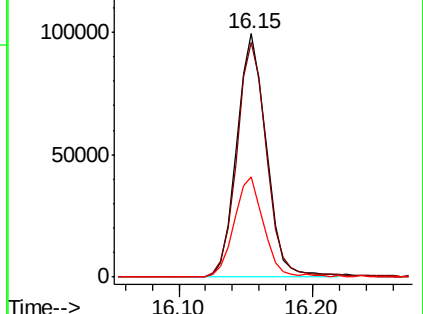
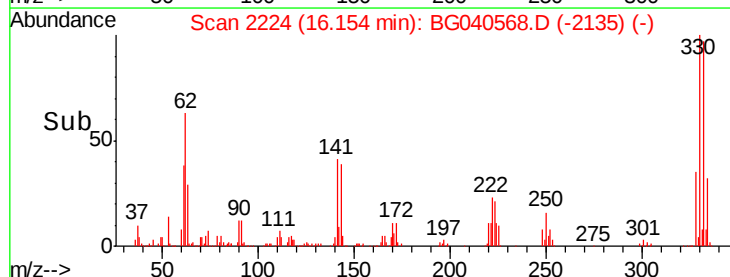
141 41.4 32.6 48.8



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

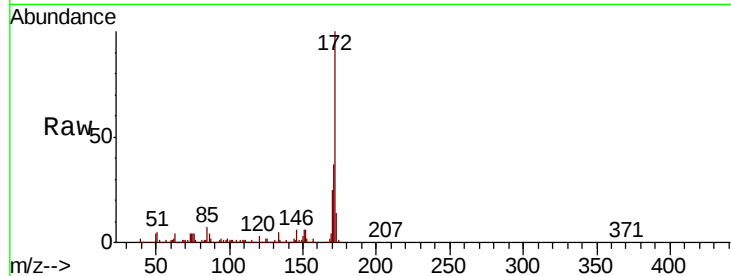




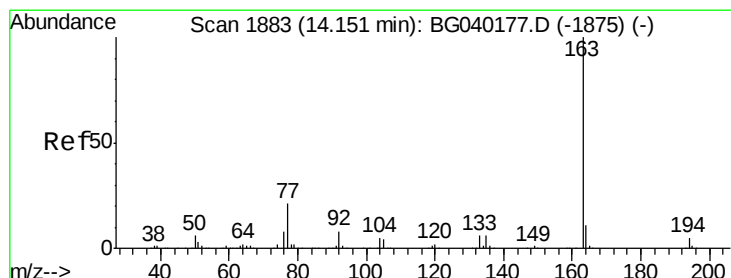
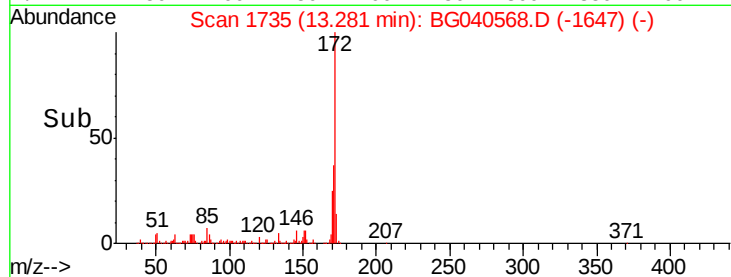
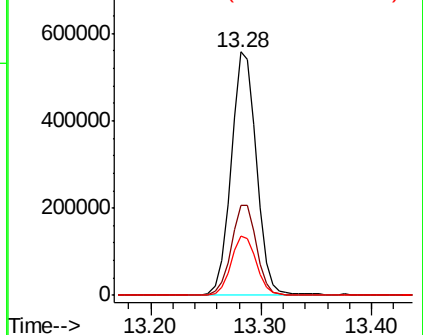
#45
2-Fluorobiphenyl
Concen: 92.095 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG040568.D
Acq: 19 Apr 2019 19:08

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-8-9

Tgt Ion:172 Resp: 901536
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 24.6 20.1 30.1

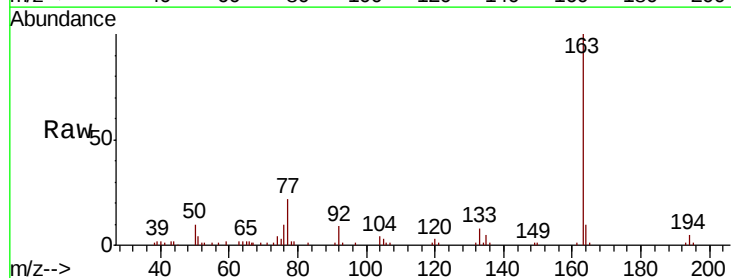


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

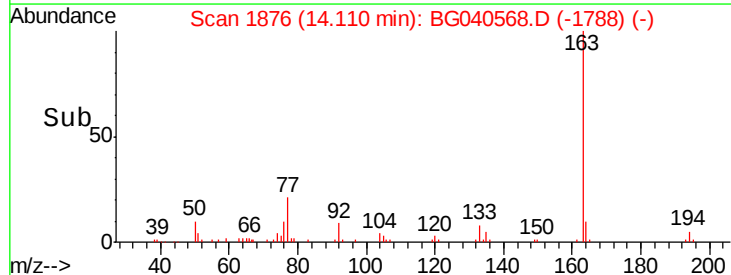
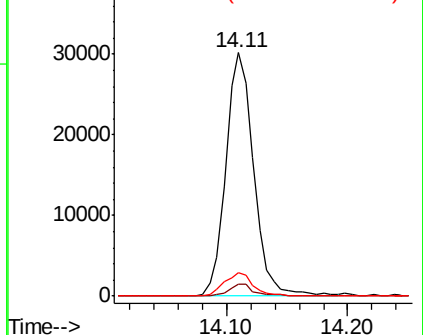


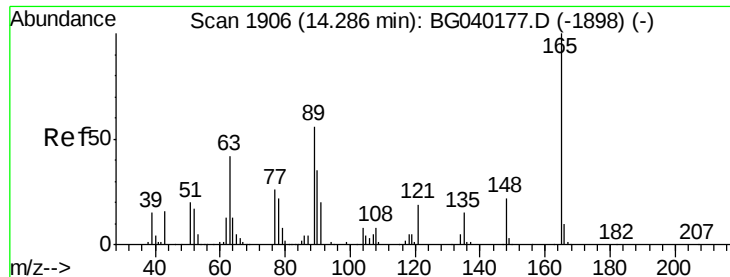
#50
Dimethylphthalate
Concen: 4.257 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG040568.D
Acq: 19 Apr 2019 19:08

Tgt Ion:163 Resp: 48328
Ion Ratio Lower Upper
163 100
194 4.8 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: 7.274 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.40 min

Lab File: BG040568.D

Acq: 19 Apr 2019 19:08

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-8-9

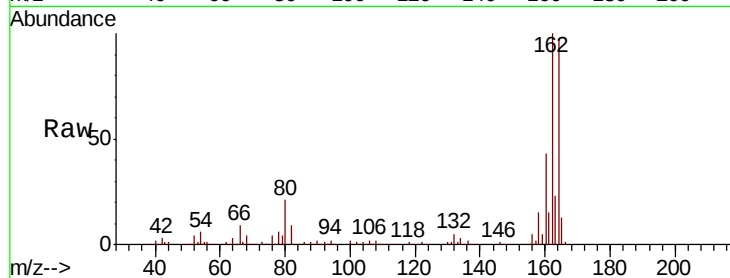
Tgt Ion:165 Resp: 18542

Ion Ratio Lower Upper

165 100

63 1.4 44.1 66.1#

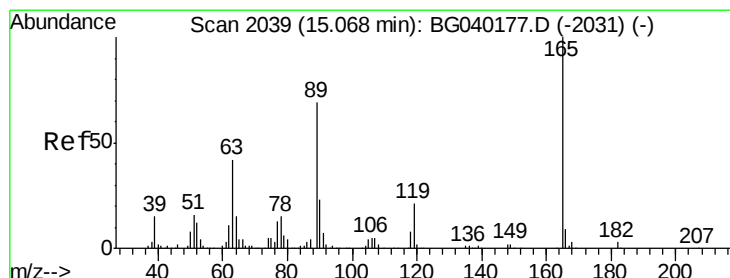
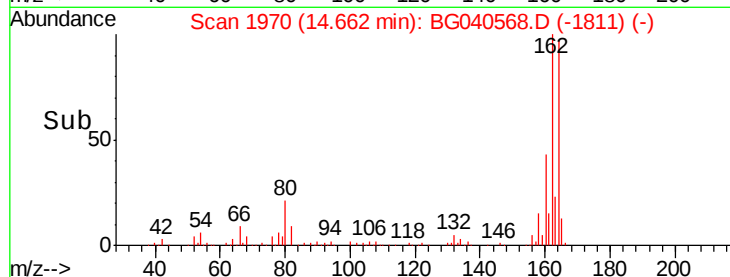
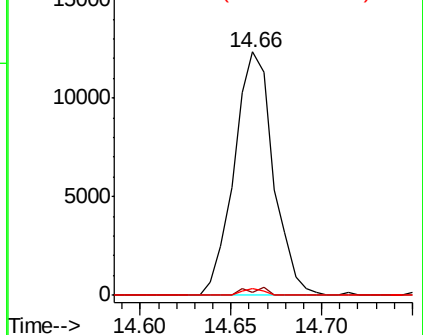
89 2.5 44.9 67.3#



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



#57

2,4-Dinitrotoluene

Concen: 5.235 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.38 min

Lab File: BG040568.D

Acq: 19 Apr 2019 19:08

Tgt Ion:165 Resp: 18542

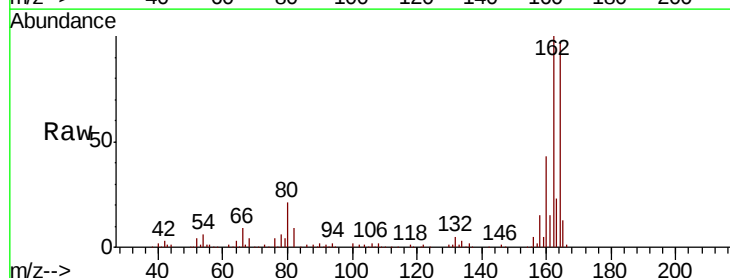
Ion Ratio Lower Upper

165 100

63 1.4 33.8 50.6#

89 2.5 55.4 83.2#

182 0.0 2.2 3.4#

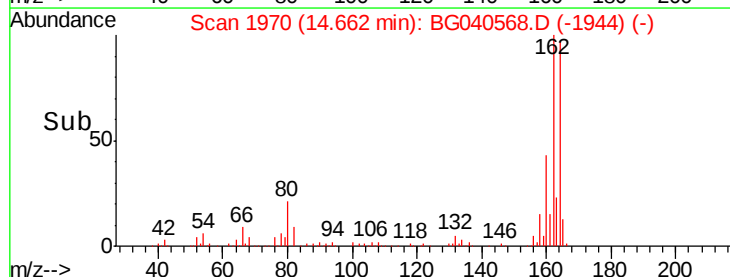
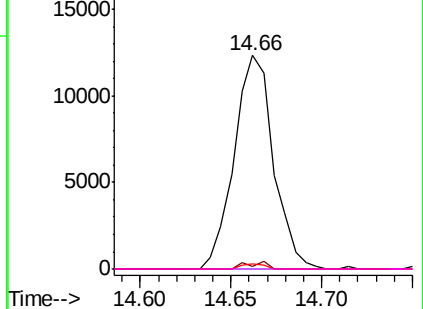


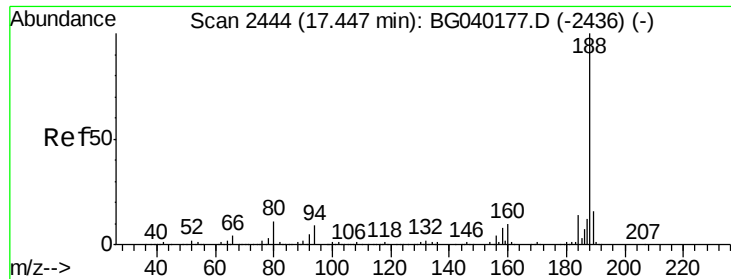
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG040568.D

Acq: 19 Apr 2019 19:08

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-8-9

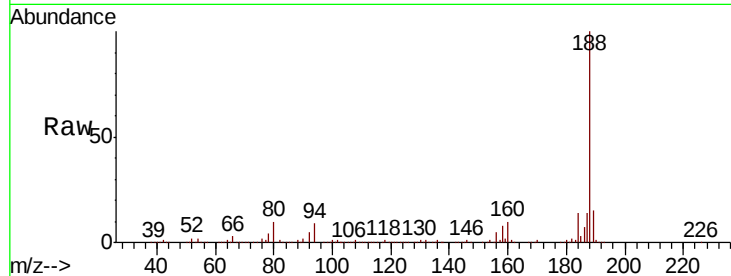
Tgt Ion:188 Resp: 348908

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

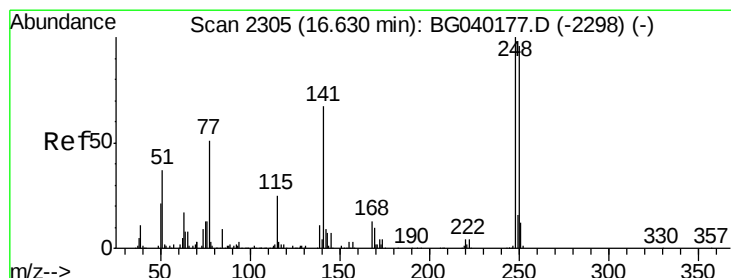
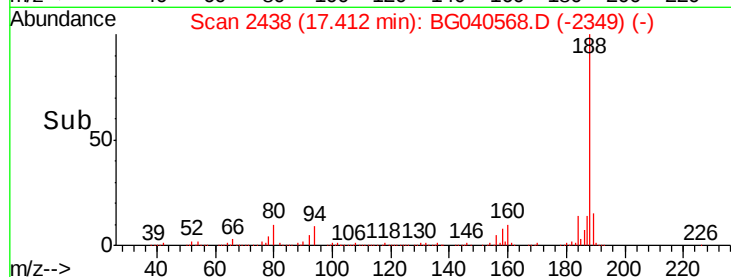
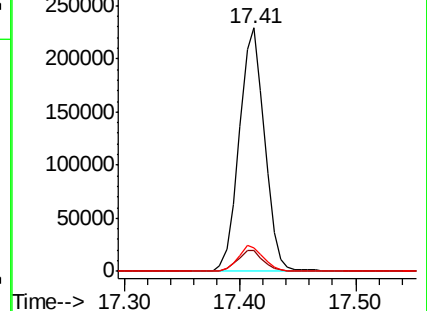
80 9.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 2.971 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.45 min

Lab File: BG040568.D

Acq: 19 Apr 2019 19:08

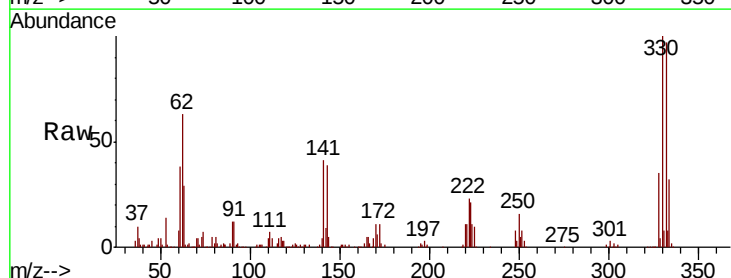
Tgt Ion:248 Resp: 11666

Ion Ratio Lower Upper

248 100

250 189.5 76.4 114.6#

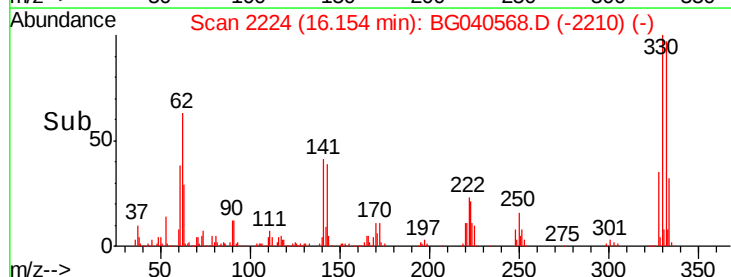
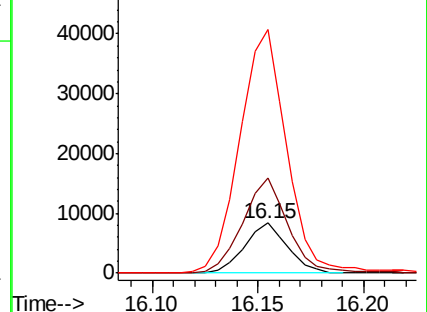
141 484.1 53.8 80.8#

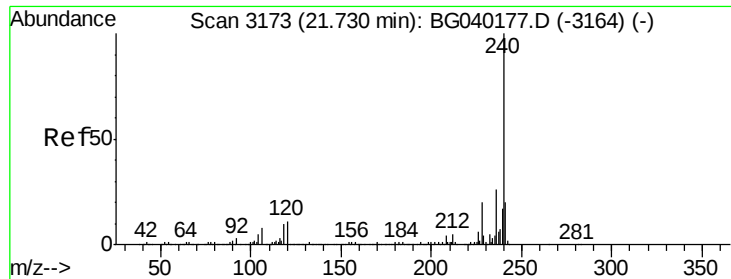


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

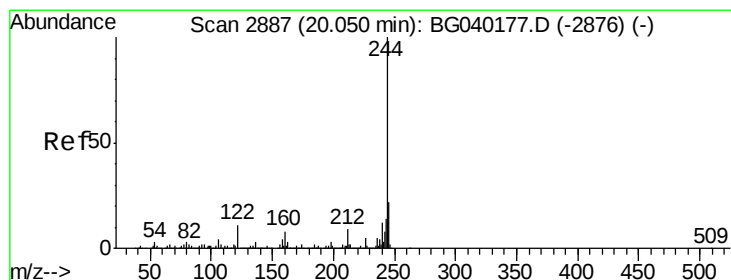
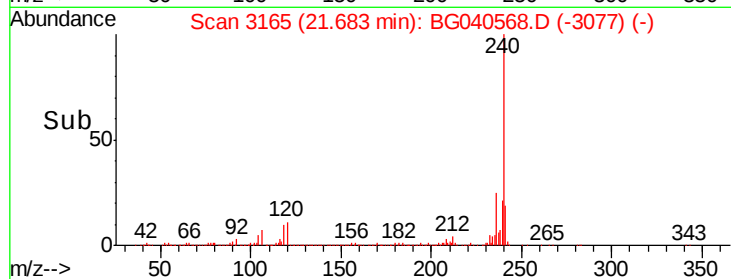
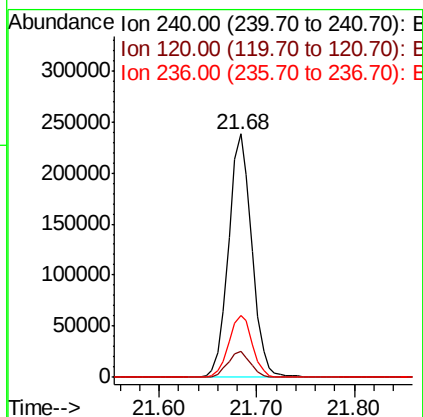
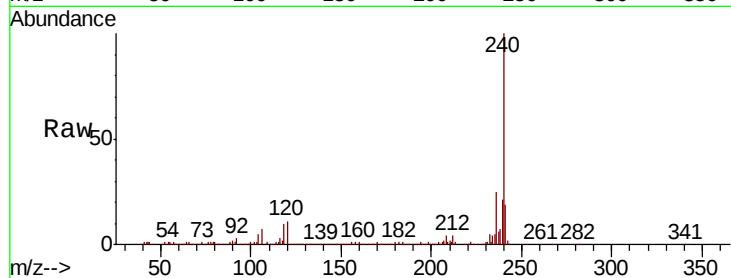




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG040568.D
 Acq: 19 Apr 2019 19:08

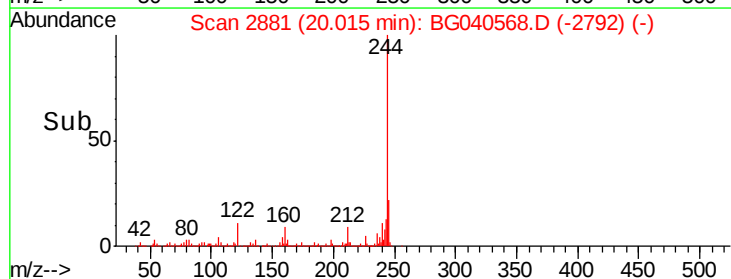
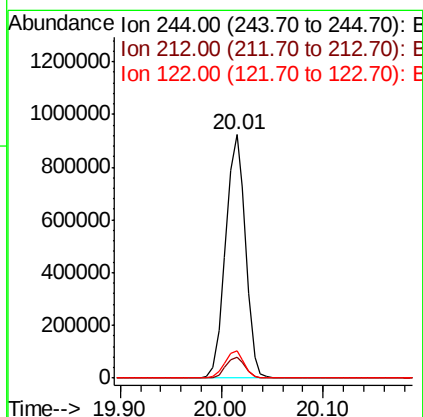
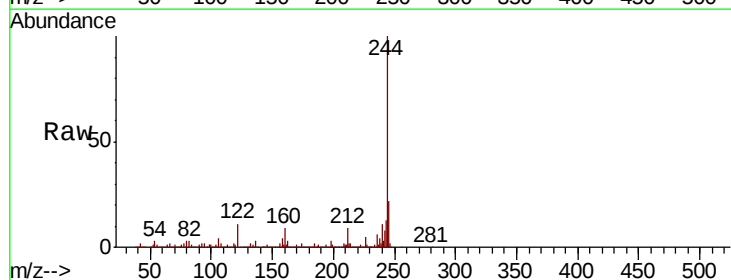
Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-8-9

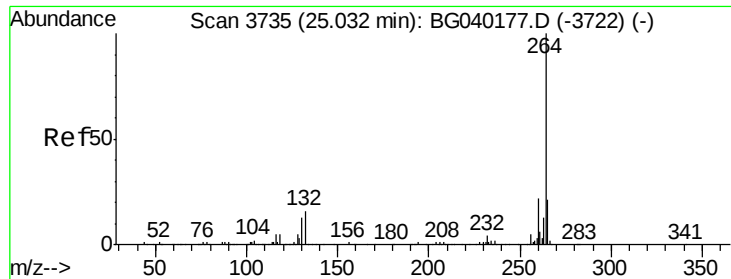
Tgt Ion:240 Resp: 392434
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.4 12.6
 236 25.4 20.8 31.2



#79
 Terphenyl-d14
 Concen: 72.196 ng
 RT: 20.01 min Scan# 2881
 Delta R.T. -0.01 min
 Lab File: BG040568.D
 Acq: 19 Apr 2019 19:08

Tgt Ion:244 Resp: 1259394
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.6
 122 11.3 8.5 12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.02 min
Lab File: BG040568.D
Acq: 19 Apr 2019 19:08

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-8-9

Tgt Ion: 264 Resp: 339750
Ion Ratio Lower Upper
264 100
260 23.4 17.9 26.9
265 21.2 16.8 25.2

