

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040272.D
 Acq On : 1 Apr 2019 19:37
 Operator : JU/SJ
 Sample : K2183-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-86-87-SOIL

Quant Time: Apr 02 02:17:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

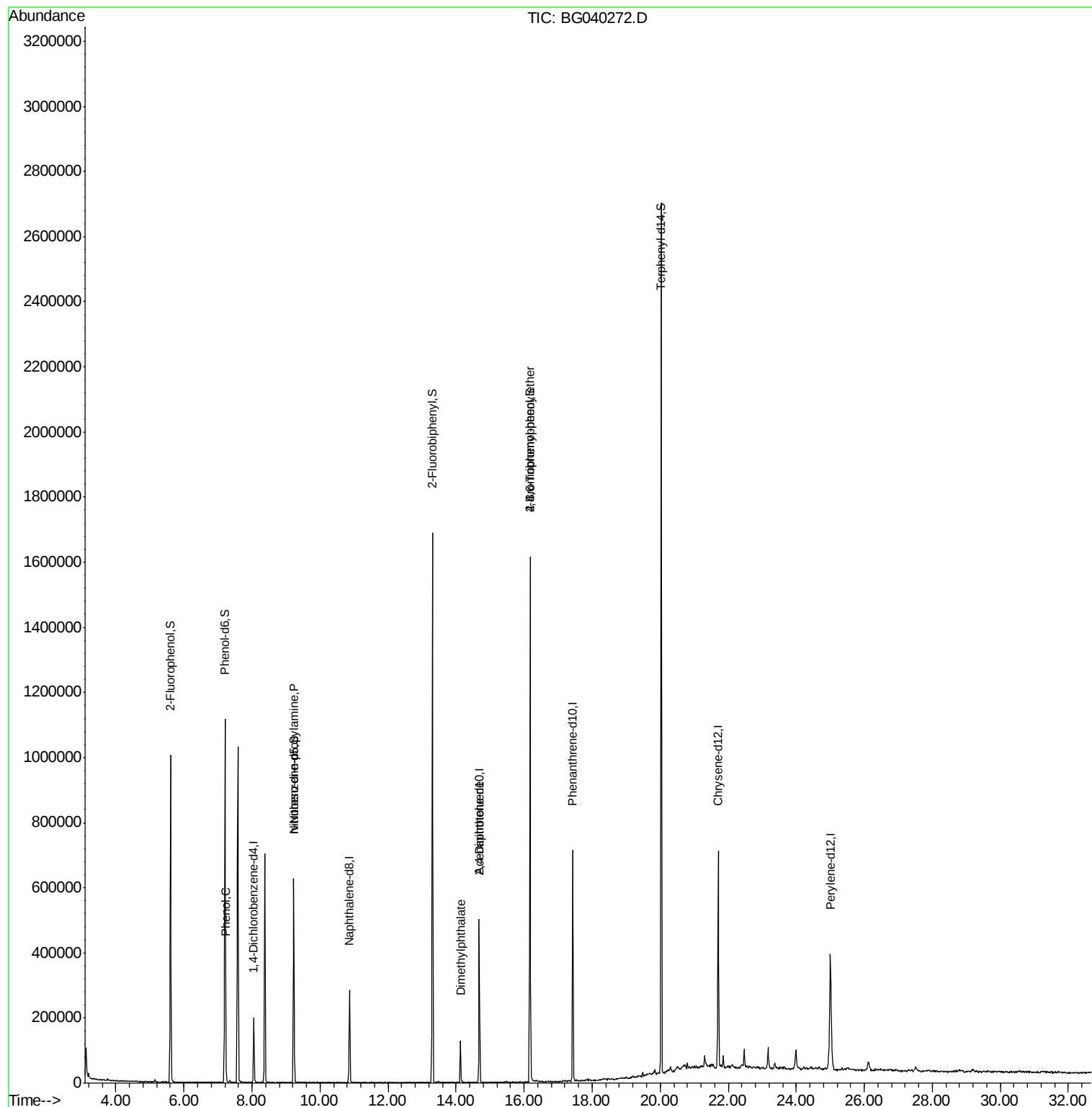
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55993	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	242345	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	172443	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	443427	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	410479	20.00	ng	-0.02
87) Perylene-d12	25.01	264	415804	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	449685	133.51	ng	-0.02
7) Phenol-d6	7.21	99	662295	142.28	ng	-0.02
23) Nitrobenzene-d5	9.23	82	379280	83.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	291312	156.31	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	894576	76.87	ng	-0.02
79) Terphenyl-d14	20.03	244	1307325	71.65	ng	-0.02
Target Compounds						
10) Phenol	7.23	94	20424	4.042	ng	91
19) n-Nitroso-di-n-propylamine	9.23	70	45595	13.662	ng	# 72
50) Dimethylphthalate	14.13	163	85339	6.323	ng	98
57) 2,4-Dinitrotoluene	14.68	165	22251	5.284	ng	# 27
67) 4-Bromophenyl-phenylether	16.17	248	20897	4.188	ng	# 1

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

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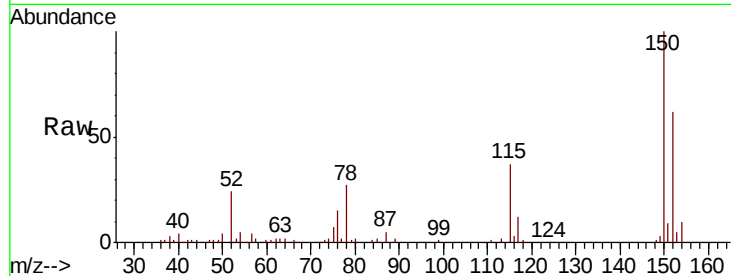


#1

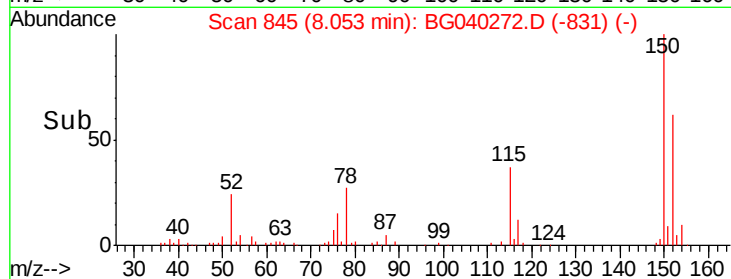
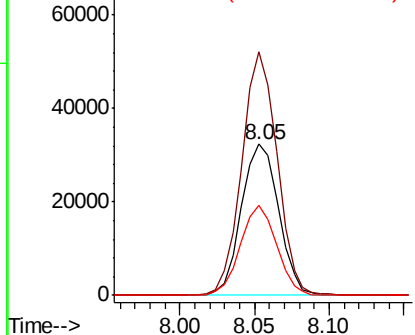
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040272.D
Acq: 1 Apr 2019 19:37

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-86-87-SOIL

Tgt Ion:152 Resp: 55993
Ion Ratio Lower Upper
152 100
150 161.0 123.7 185.5
115 59.9 46.9 70.3



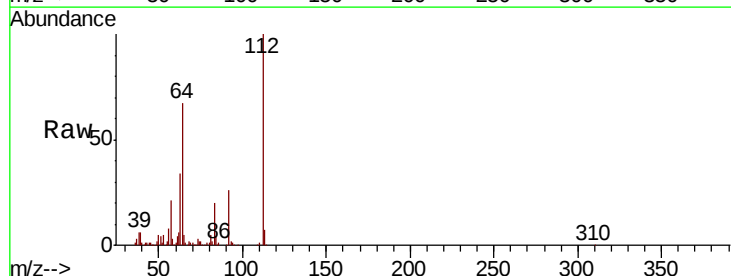
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



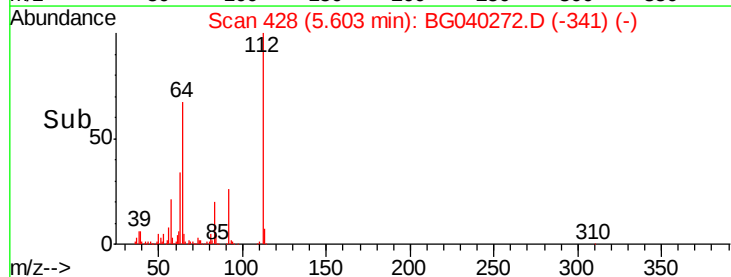
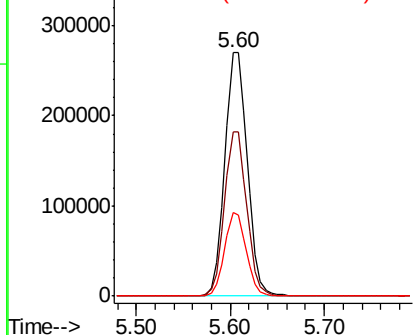
#5

2-Fluorophenol
Concen: 133.510 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040272.D
Acq: 1 Apr 2019 19:37

Tgt Ion:112 Resp: 449685
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.2
63 34.1 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: 142.280 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040272.D

Acq: 1 Apr 2019 19:37

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-86-87-SOIL

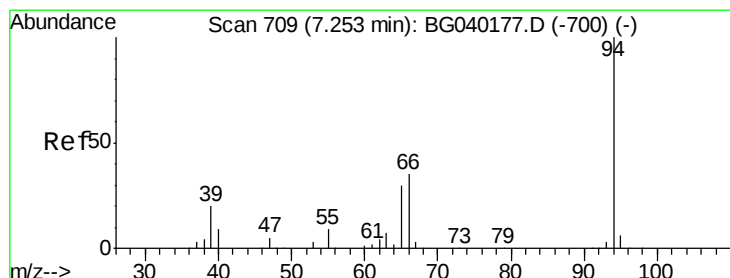
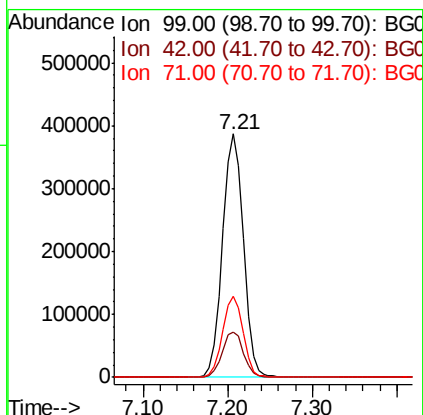
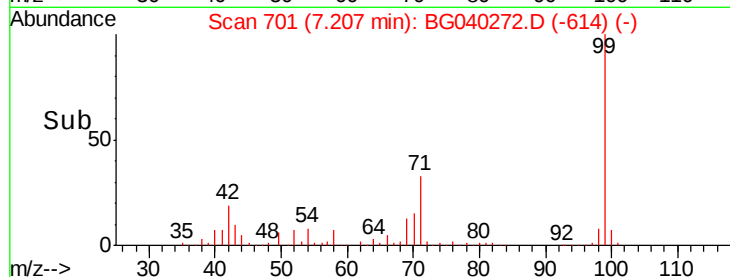
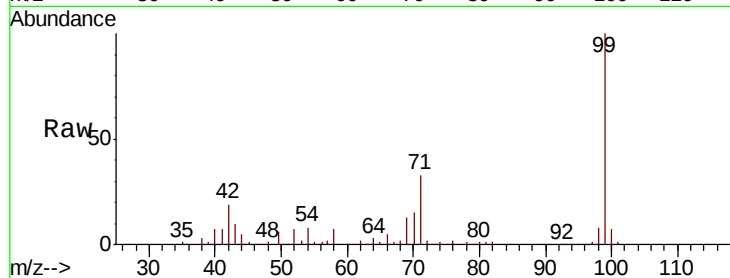
Tgt Ion: 99 Resp: 662295

Ion Ratio Lower Upper

99 100

42 18.5 16.2 24.2

71 33.1 26.8 40.2



#10

Phenol

Concen: 4.042 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040272.D

Acq: 1 Apr 2019 19:37

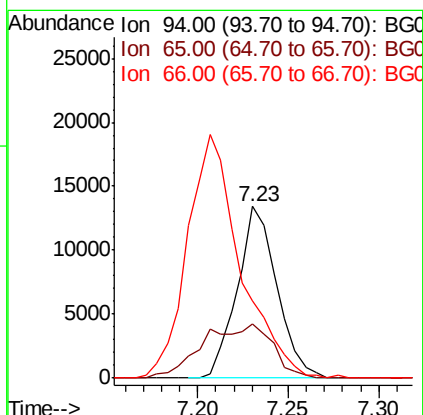
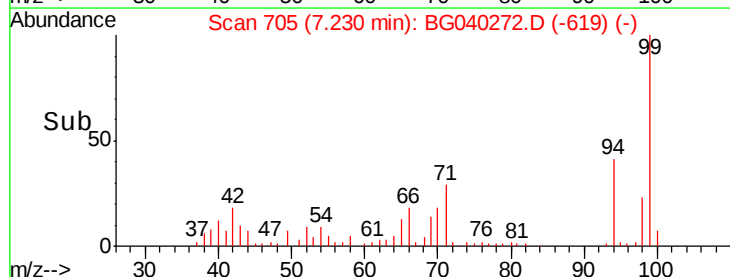
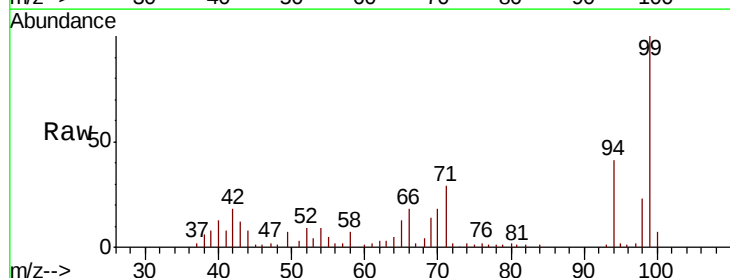
Tgt Ion: 94 Resp: 20424

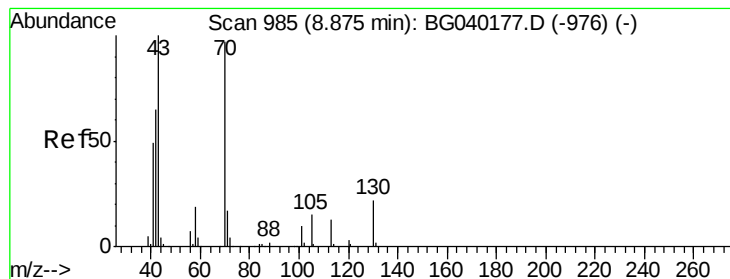
Ion Ratio Lower Upper

94 100

65 31.7 10.5 50.5

66 45.2 16.9 56.9





#19

n-Nitroso-di-n-propylamine

Concen: 13.662 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040272.D

Acq: 1 Apr 2019 19:37

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-86-87-SOIL

Tgt Ion: 70 Resp: 45595

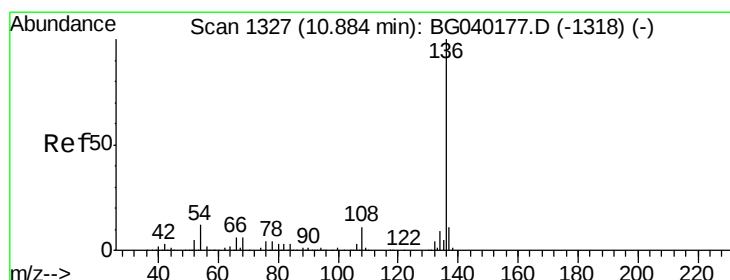
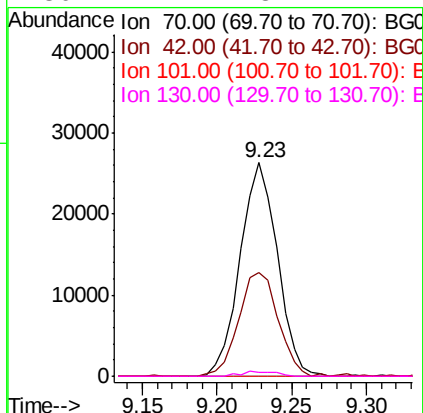
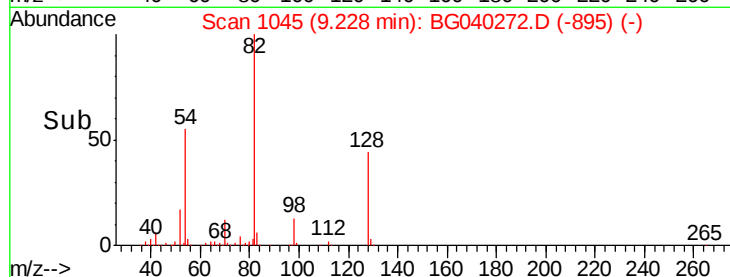
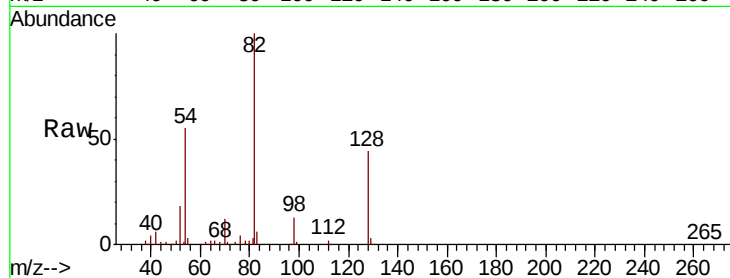
Ion Ratio Lower Upper

70 100

42 48.6 54.0 81.0#

101 0.0 8.6 13.0#

130 2.1 18.2 27.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040272.D

Acq: 1 Apr 2019 19:37

Tgt Ion: 136 Resp: 242345

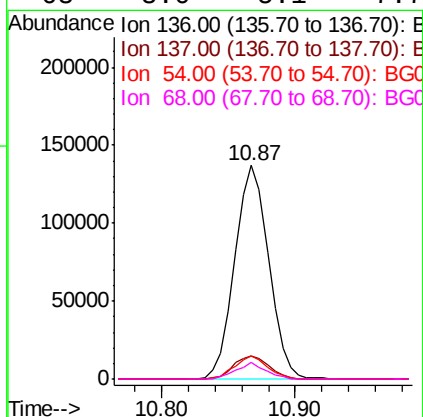
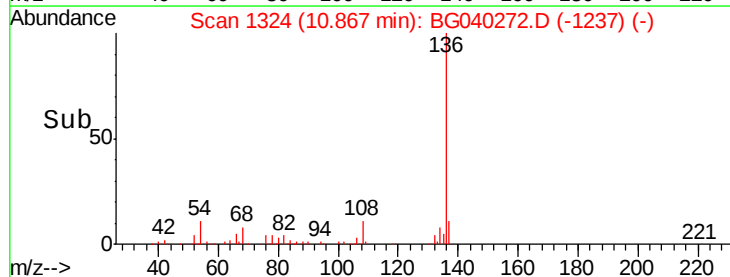
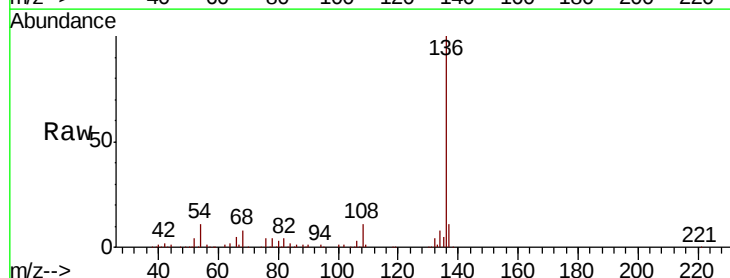
Ion Ratio Lower Upper

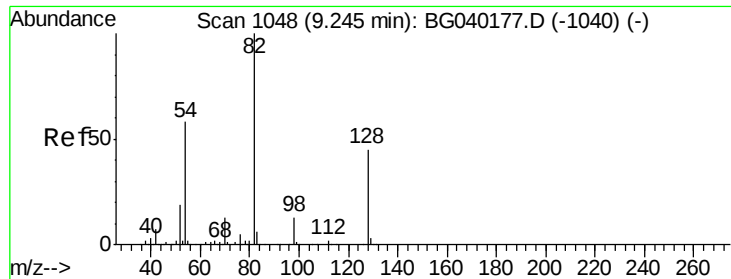
136 100

137 11.0 8.9 13.3

54 10.5 9.6 14.4

68 8.0 5.1 7.7#

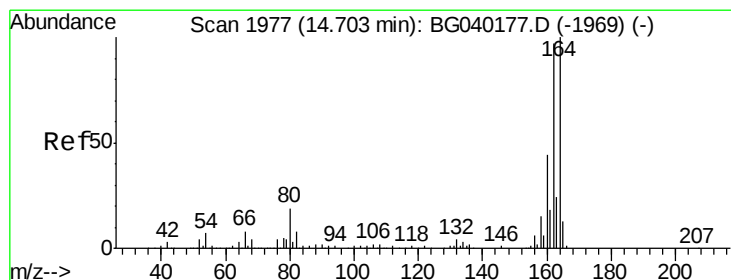
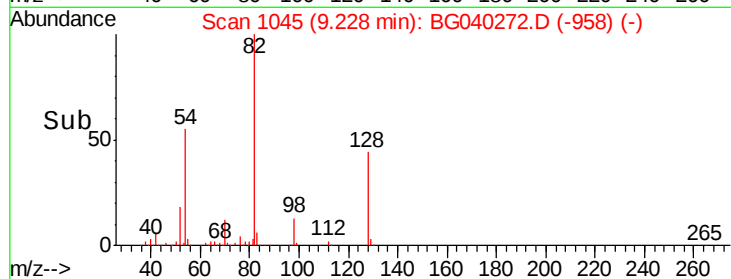
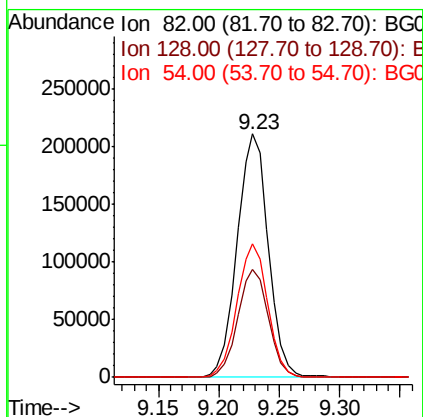
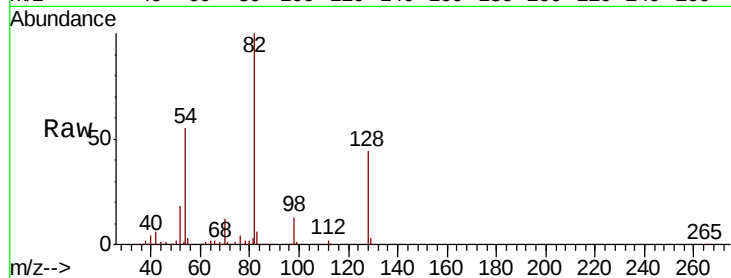




#23
Nitrobenzene-d5
Concen: 83.187 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040272.D
Acq: 1 Apr 2019 19:37

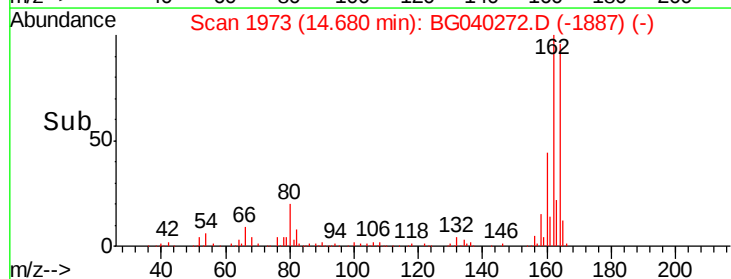
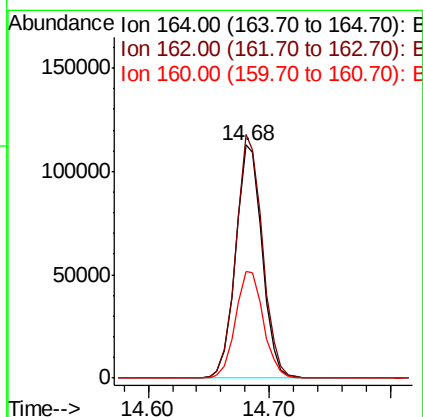
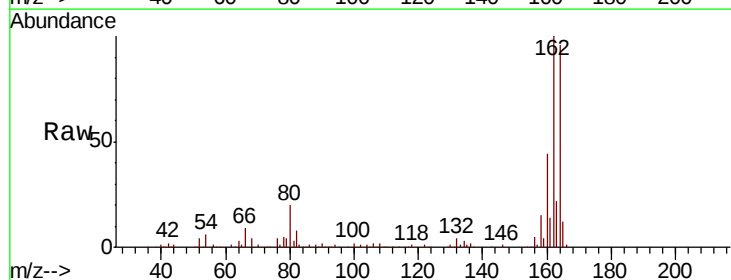
Instrument :
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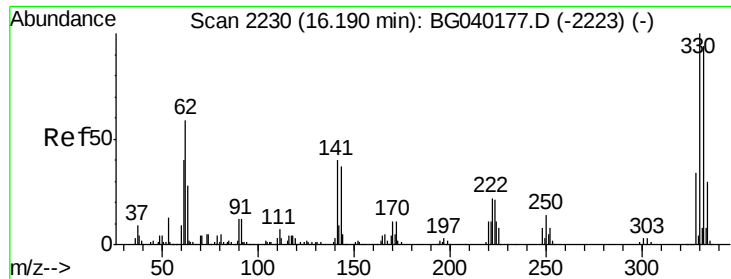
Tgt Ion: 82 Resp: 379280
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.8
54 54.9 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040272.D
Acq: 1 Apr 2019 19:37

Tgt Ion: 164 Resp: 172443
Ion Ratio Lower Upper
164 100
162 104.5 77.4 116.2
160 45.6 35.3 52.9

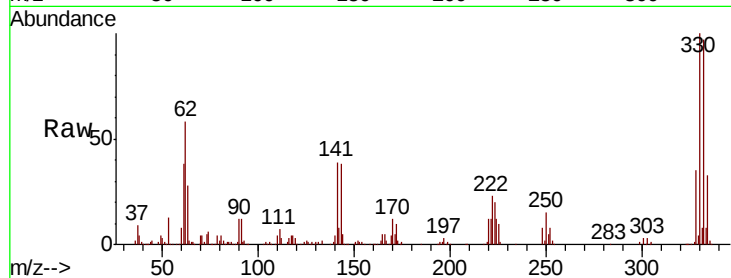




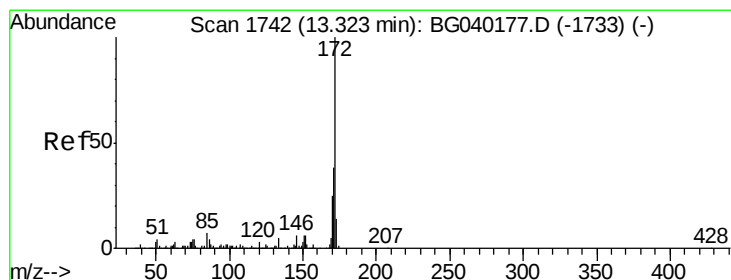
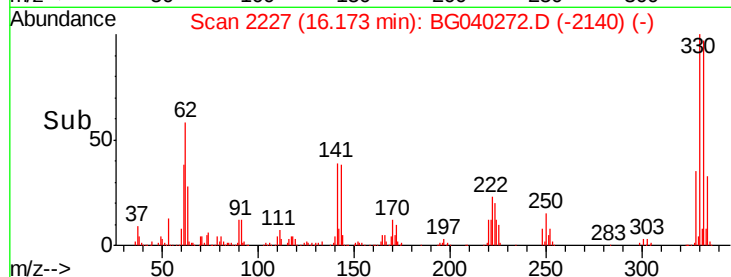
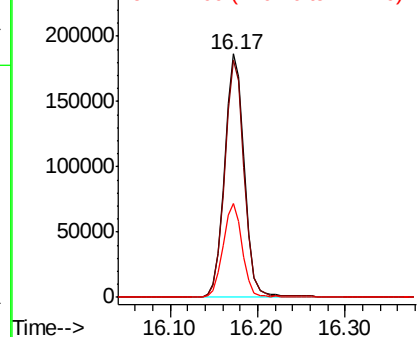
#42
 2,4,6-Tribromophenol
 Concen: 156.312 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040272.D
 Acq: 1 Apr 2019 19:37

Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-86-87-SOIL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	37.8	32.6	48.8

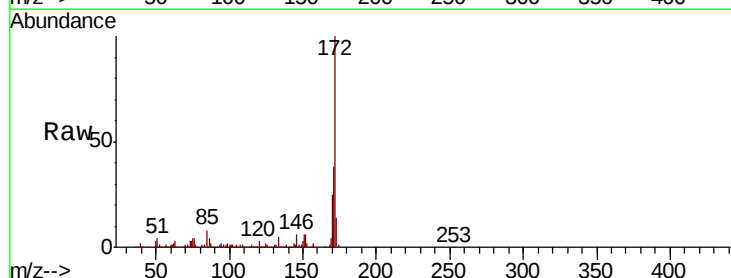


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

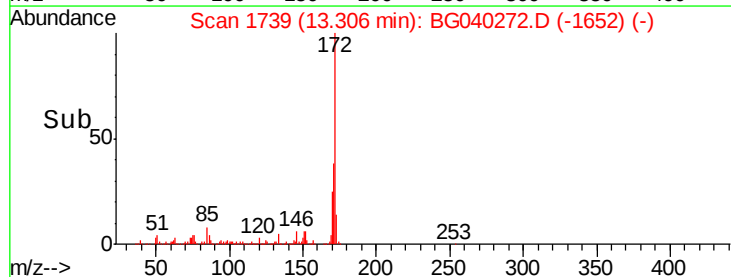
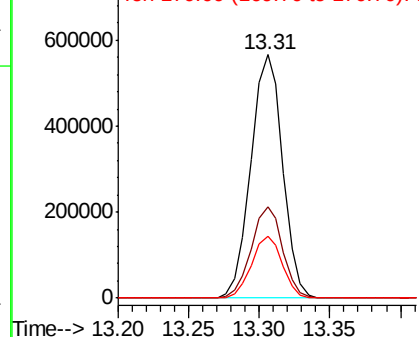


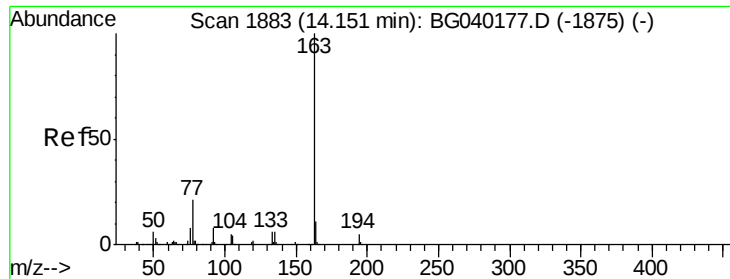
#45
 2-Fluorobiphenyl
 Concen: 76.869 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040272.D
 Acq: 1 Apr 2019 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	25.3	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

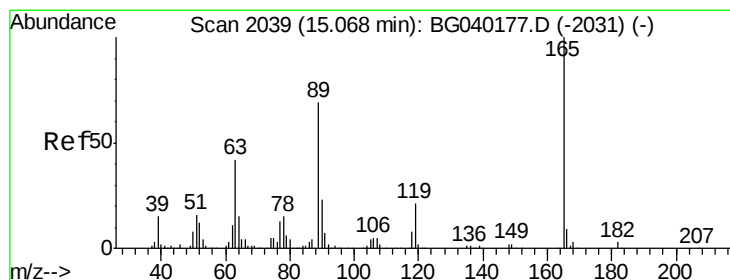
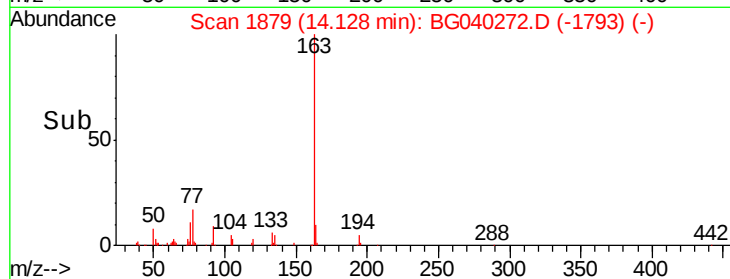
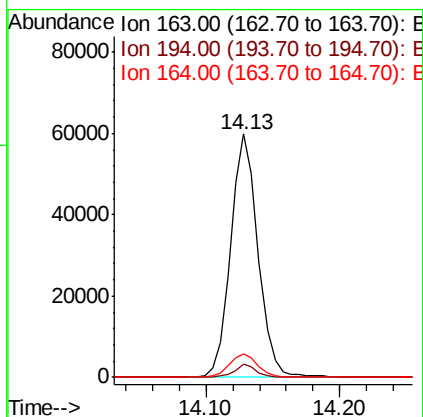
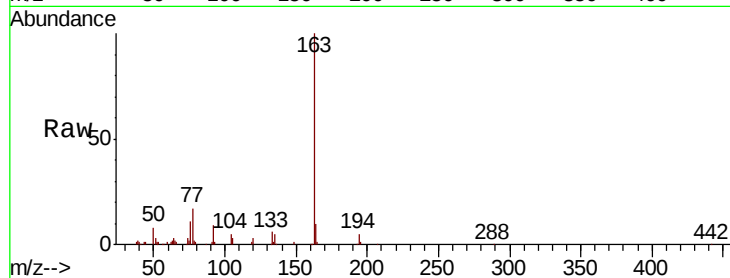




#50
Dimethylphthalate
Concen: 6.323 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040272.D
Acq: 1 Apr 2019 19:37

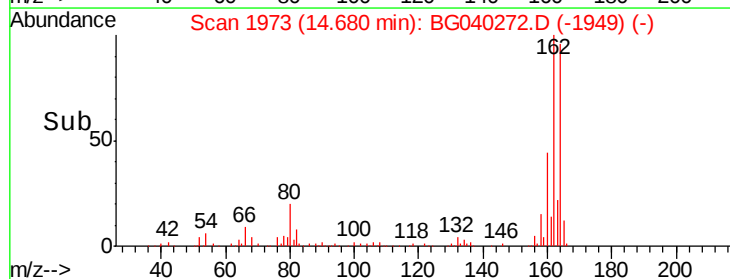
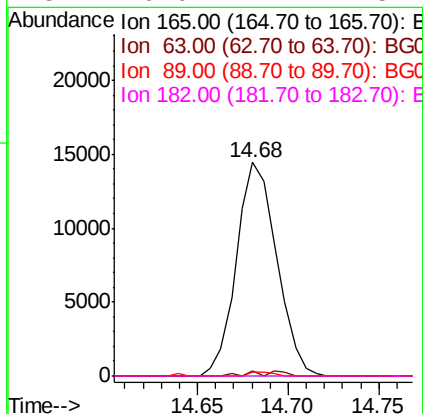
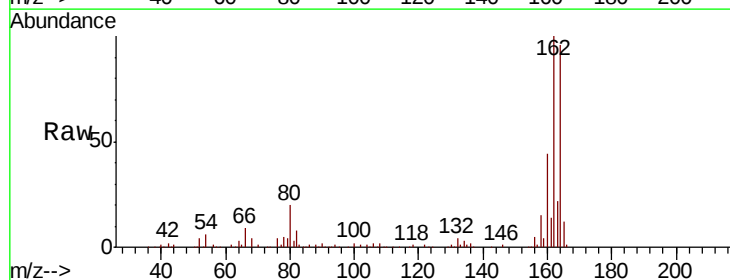
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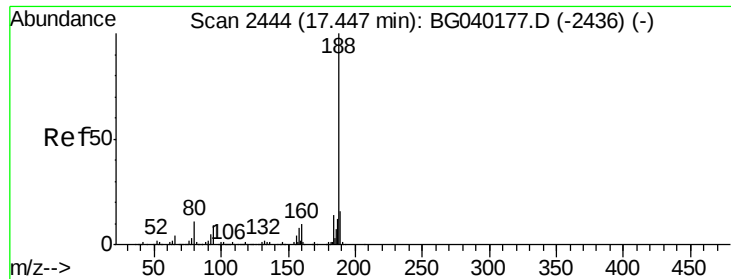
Tgt Ion:163 Resp: 85339
Ion Ratio Lower Upper
163 100
194 5.3 4.1 6.1
164 9.6 8.6 13.0



#57
2,4-Dinitrotoluene
Concen: 5.284 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.39 min
Lab File: BG040272.D
Acq: 1 Apr 2019 19:37

Tgt Ion:165 Resp: 22251
Ion Ratio Lower Upper
165 100
63 2.6 33.8 50.6#
89 2.0 55.4 83.2#
182 0.0 2.2 3.4#

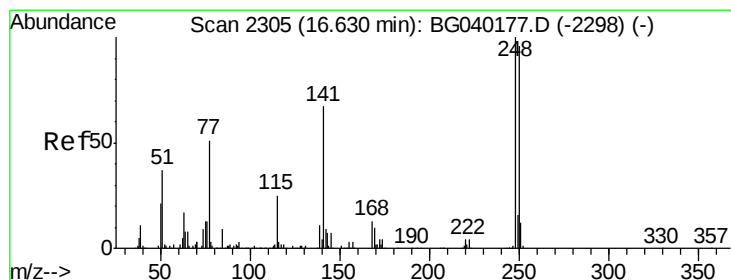
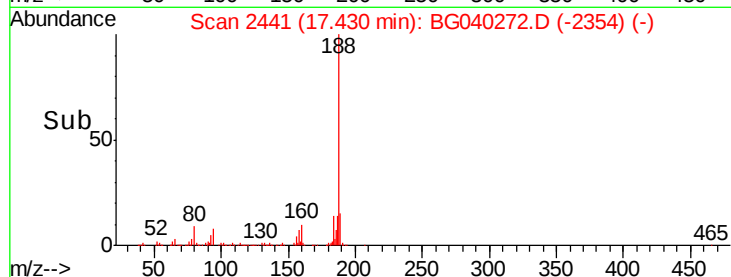
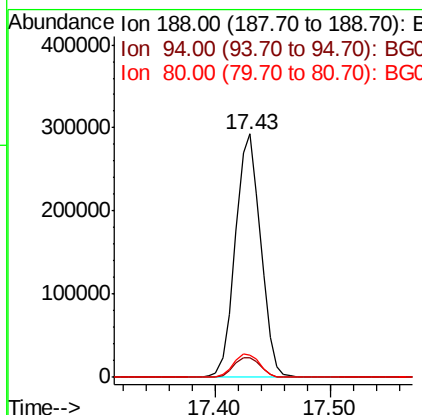
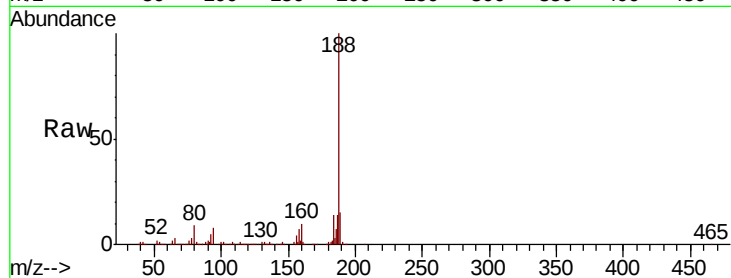




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040272.D
 Acq: 1 Apr 2019 19:37

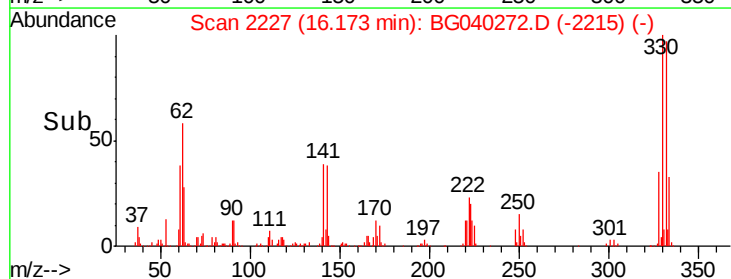
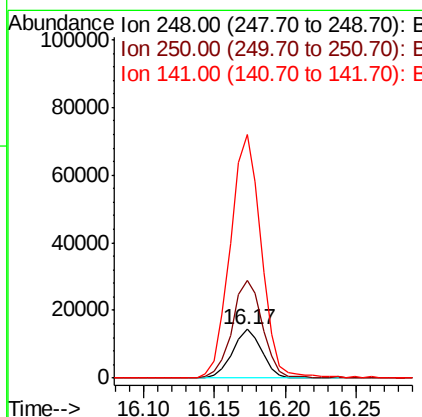
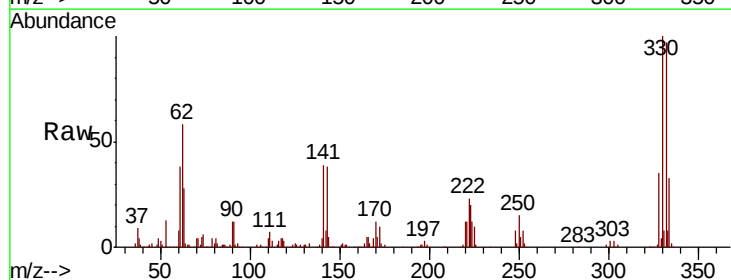
Instrument :
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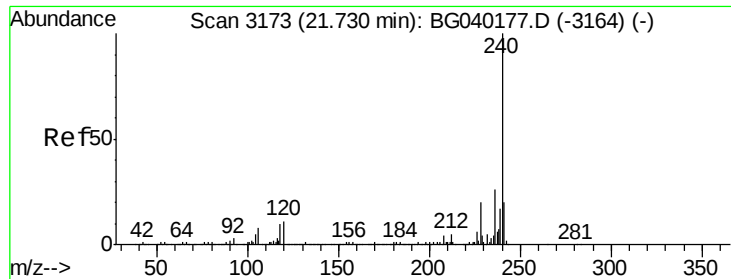
Tgt Ion:188 Resp: 443427
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.0 10.4
 80 9.2 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 4.188 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040272.D
 Acq: 1 Apr 2019 19:37

Tgt Ion:248 Resp: 20897
 Ion Ratio Lower Upper
 248 100
 250 199.4 76.4 114.6#
 141 499.5 53.8 80.8#

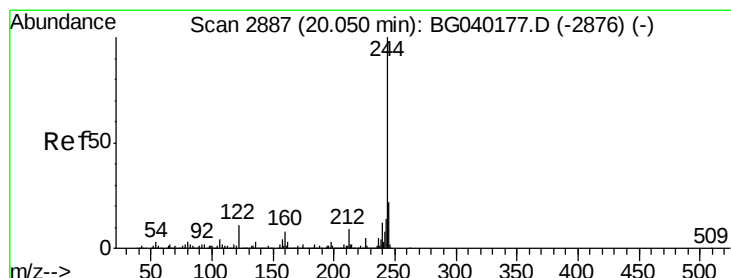
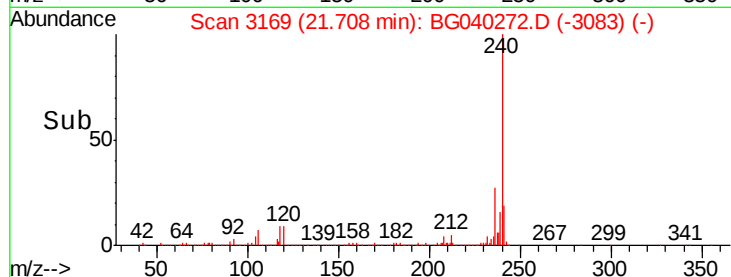
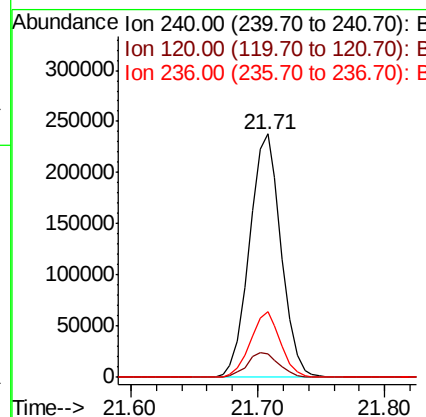
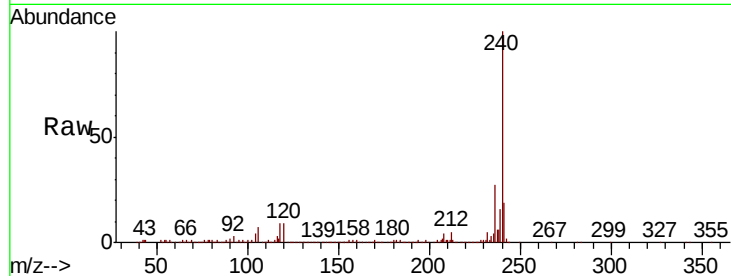




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040272.D
 Acq: 1 Apr 2019 19:37

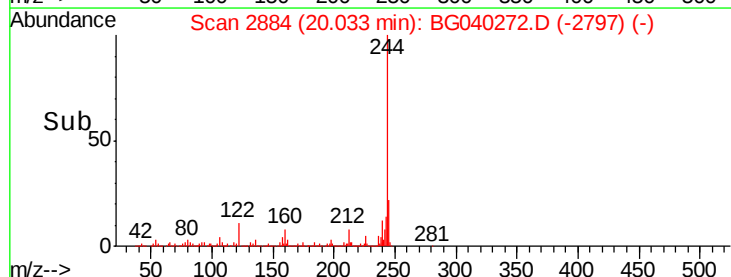
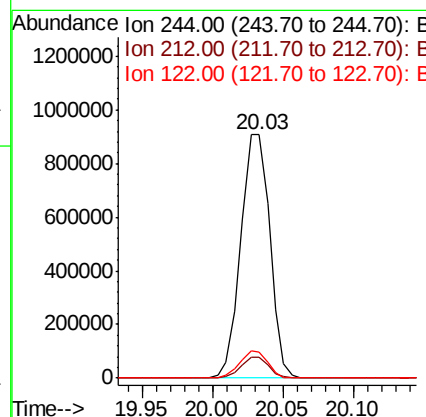
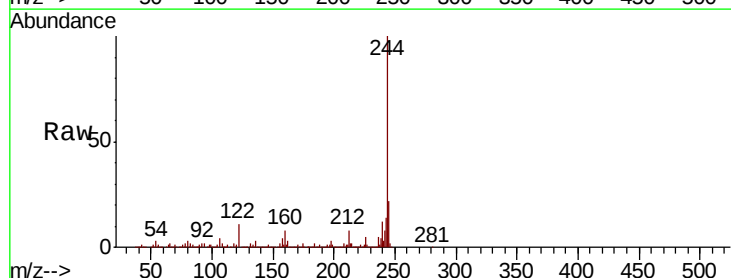
Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-86-87-SOIL

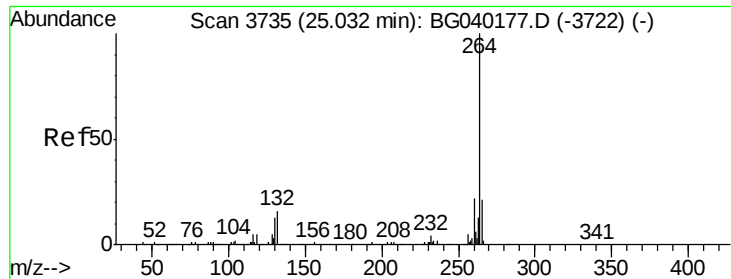
Tgt Ion:240 Resp: 410479
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.4 12.6
 236 26.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 71.649 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.02 min
 Lab File: BG040272.D
 Acq: 1 Apr 2019 19:37

Tgt Ion:244 Resp: 1307325
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.6
 122 10.7 8.5 12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.02 min
Lab File: BG040272.D
Acq: 1 Apr 2019 19:37

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-86-87-SOIL

Tgt Ion: 264 Resp: 415804
Ion Ratio Lower Upper
264 100
260 23.7 17.9 26.9
265 21.6 16.8 25.2

