

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
 Data File : BG040571.D
 Acq On : 19 Apr 2019 21:02
 Operator : JU/SJ
 Sample : K2479-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-78-79

Quant Time: Apr 19 23:12:47 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

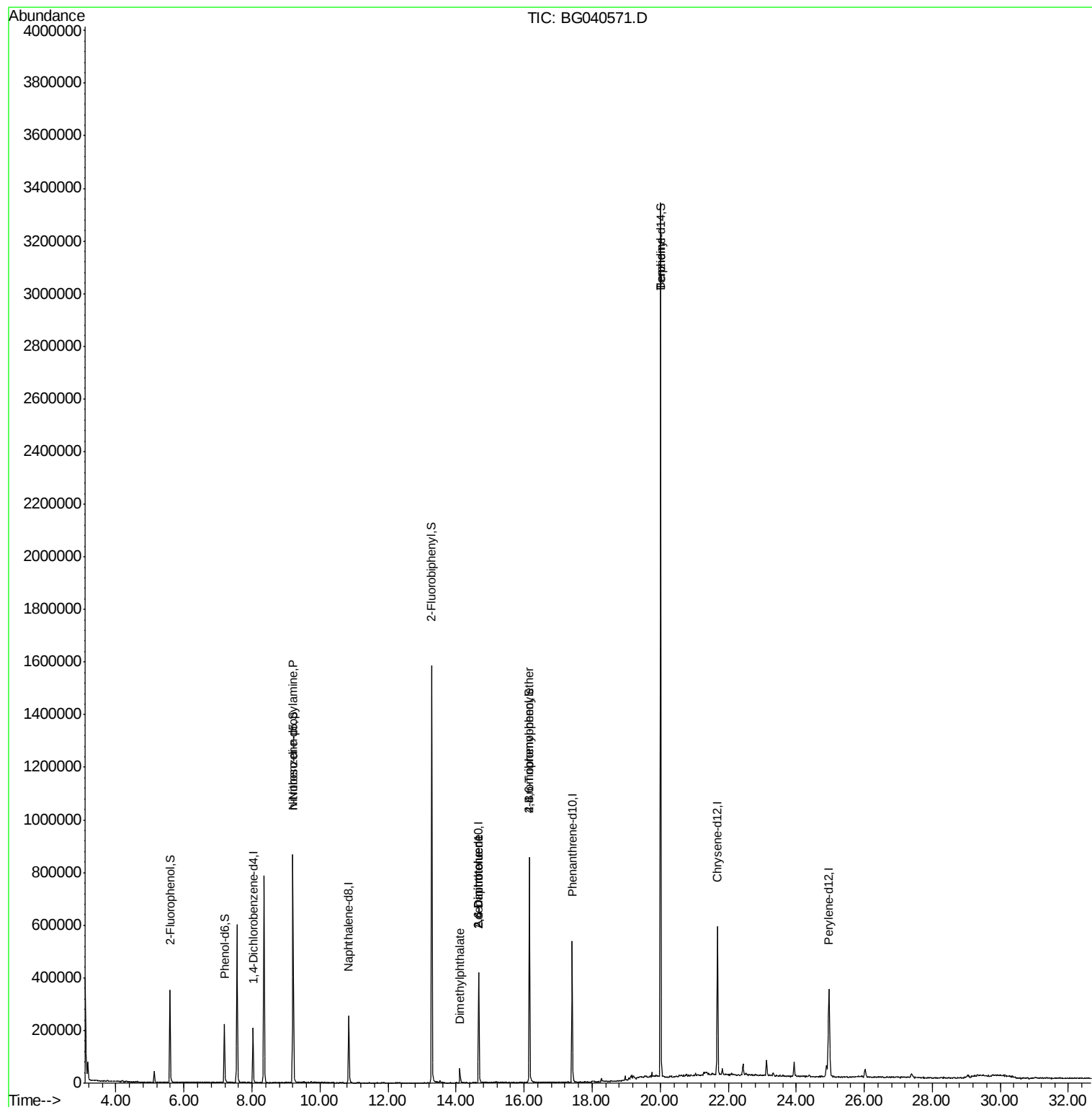
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	56810	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	225781	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	153651	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	342783	20.00	ng	0.00
76) Chrysene-d12	21.68	240	328151	20.00	ng	-0.02
87) Perylene-d12	24.96	264	348332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	157754	46.16	ng	0.00
7) Phenol-d6	7.19	99	139686	29.58	ng	0.00
23) Nitrobenzene-d5	9.20	82	536033	126.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	151943	91.50	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	894926	86.30	ng	-0.02
79) Terphenyl-d14	20.01	244	1540147	105.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	67167	19.836	ng	Qvalue # 76
50) Dimethylphthalate	14.11	163	41380	3.441	ng	# 97
51) 2,6-Dinitrotoluene	14.67	165	19619	7.266	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	19619	5.229	ng	# 25
67) 4-Bromophenyl-phenylether	16.15	248	11604	3.008	ng	# 1
77) Benzidine	20.01	184	24981	2.108	ng	# 93

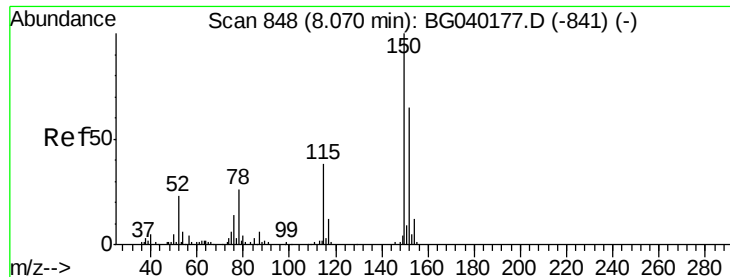
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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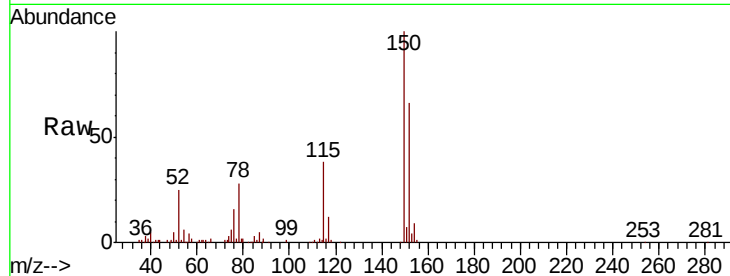


#1

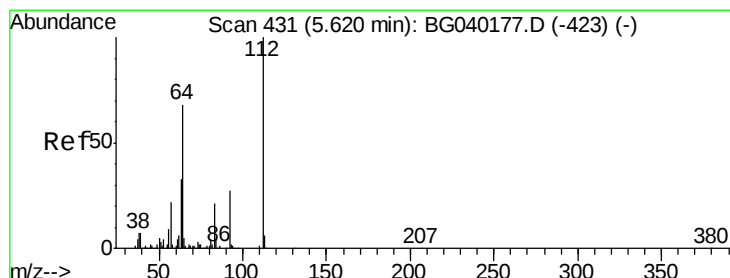
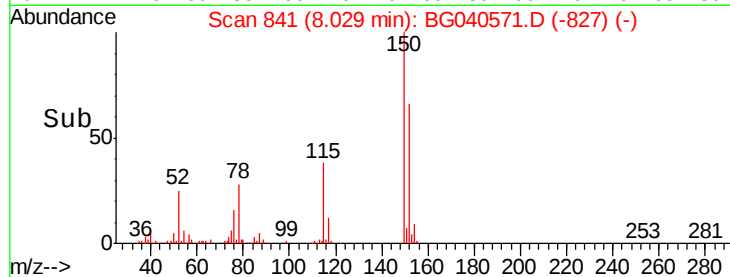
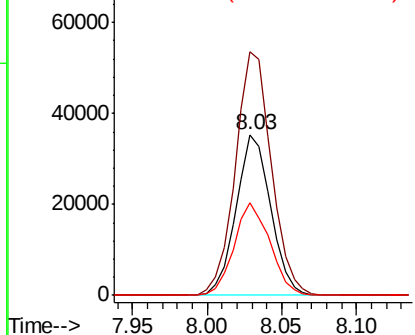
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040571.D
Acq: 19 Apr 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-78-79

Tgt Ion:152 Resp: 56810
Ion Ratio Lower Upper
152 100
150 151.2 123.7 185.5
115 57.4 46.9 70.3



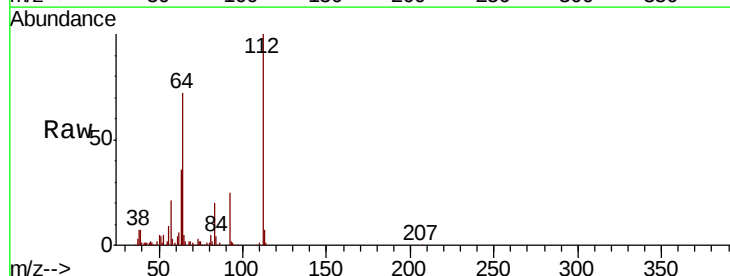
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



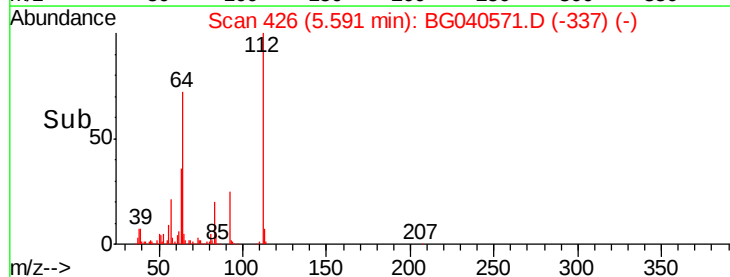
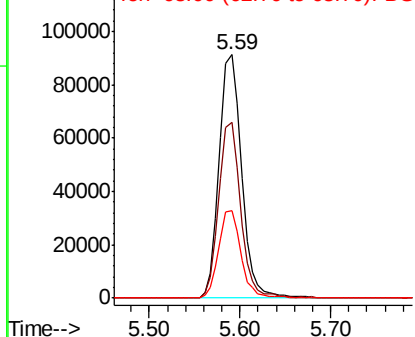
#5

2-Fluorophenol
Concen: 46.163 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.01 min
Lab File: BG040571.D
Acq: 19 Apr 2019 21:02

Tgt Ion:112 Resp: 157754
Ion Ratio Lower Upper
112 100
64 72.4 54.2 81.2
63 36.1 26.4 39.6



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: 29.577 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG040571.D

Acq: 19 Apr 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-78-79

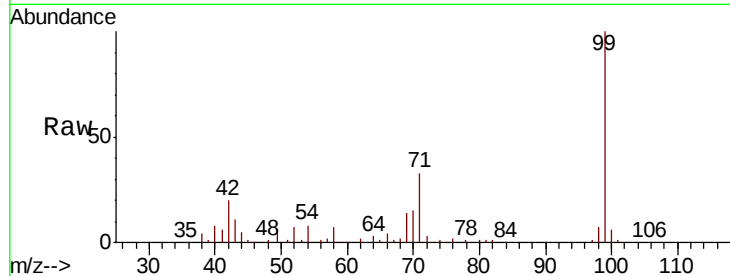
Tgt Ion: 99 Resp: 139686

Ion Ratio Lower Upper

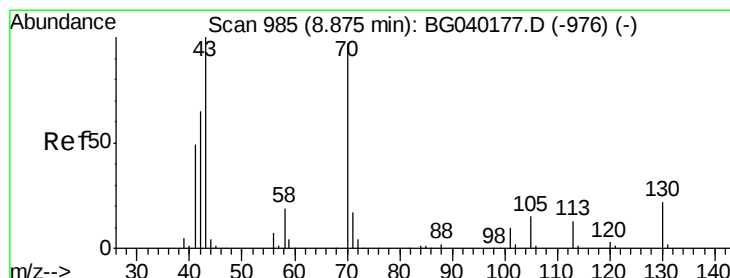
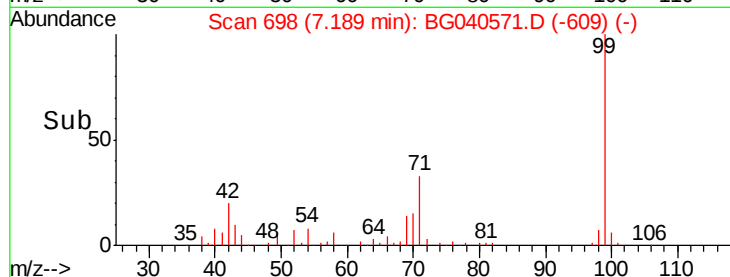
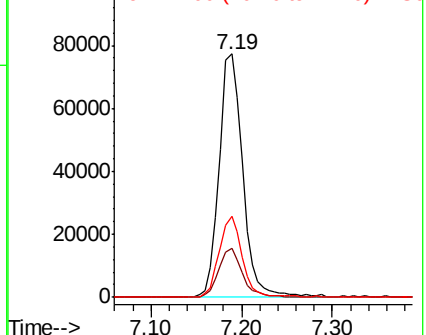
99 100

42 20.1 16.2 24.2

71 33.2 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: 19.836 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.36 min

Lab File: BG040571.D

Acq: 19 Apr 2019 21:02

Tgt Ion: 70 Resp: 67167

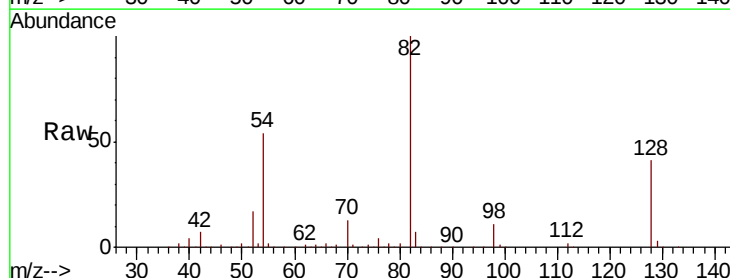
Ion Ratio Lower Upper

70 100

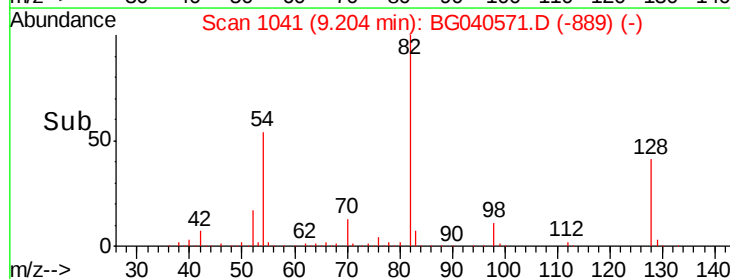
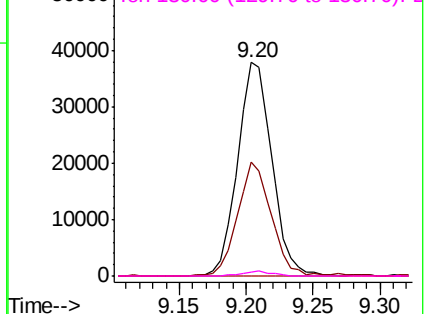
42 53.4 54.0 81.0#

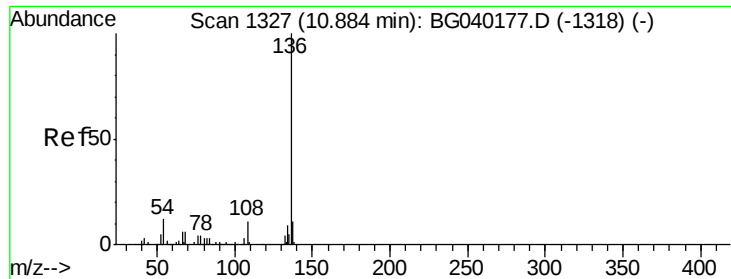
101 0.0 8.6 13.0#

130 2.0 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

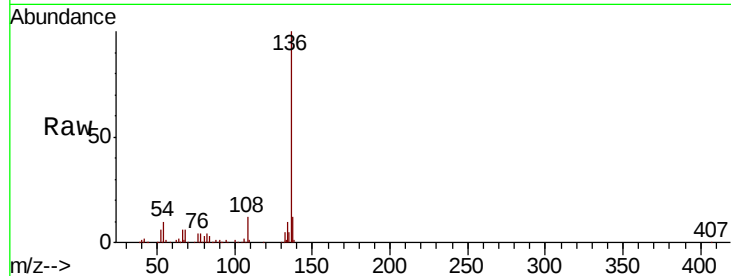




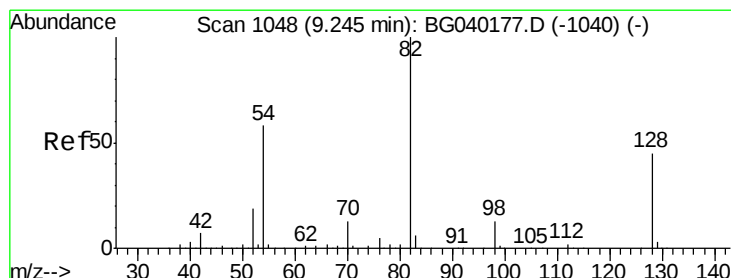
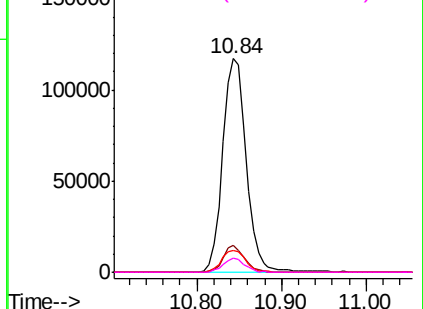
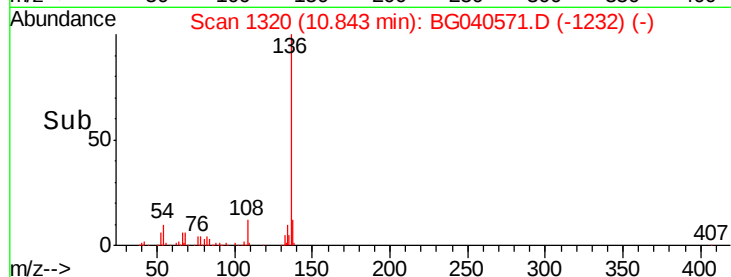
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG040571.D
Acq: 19 Apr 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-78-79

Tgt Ion:	136	Resp:	225781
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.9	13.3
54	10.5	9.6	14.4
68	6.3	5.1	7.7

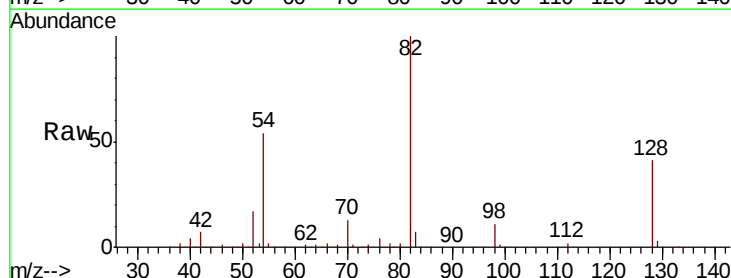


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

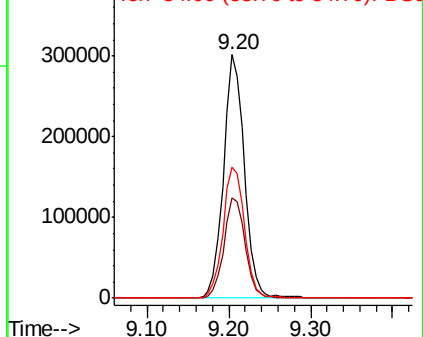
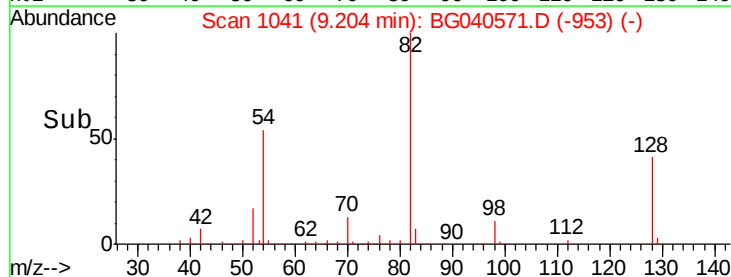


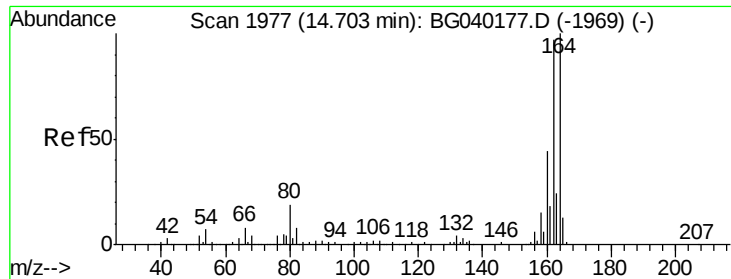
#23
Nitrobenzene-d5
Concen: 126.193 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BG040571.D
Acq: 19 Apr 2019 21:02

Tgt Ion:	82	Resp:	536033
Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.8	53.8
54	54.1	46.2	69.2



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

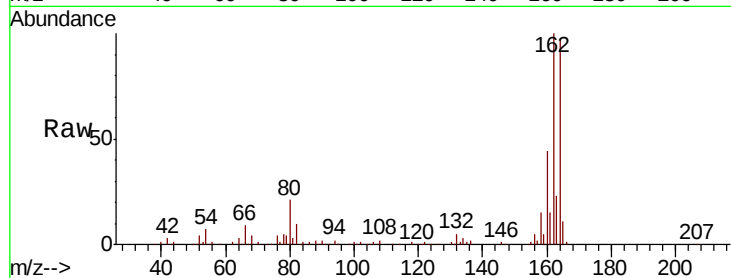




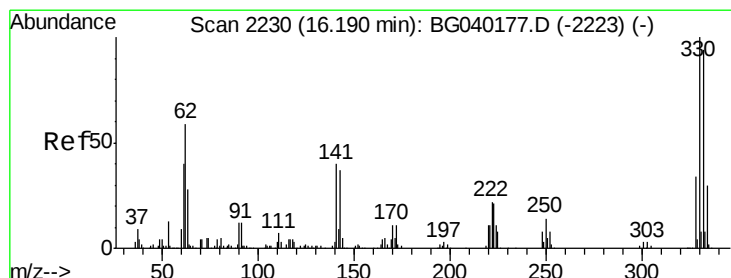
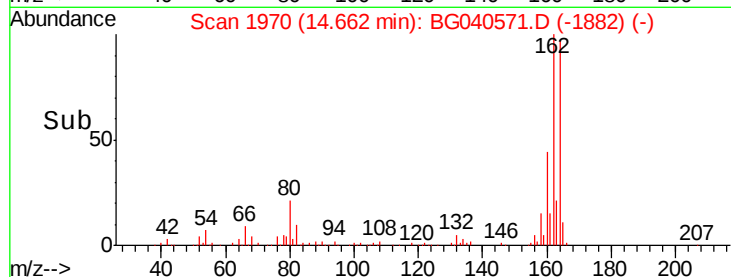
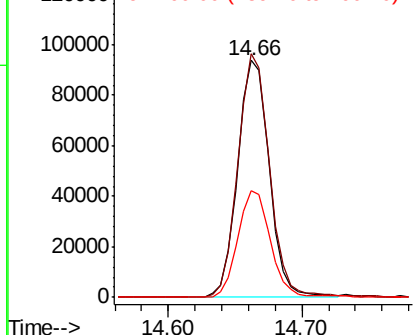
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BG040571.D
Acq: 19 Apr 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-78-79

Tgt Ion:164 Resp: 153651
Ion Ratio Lower Upper
164 100
162 102.8 77.4 116.2
160 45.0 35.3 52.9

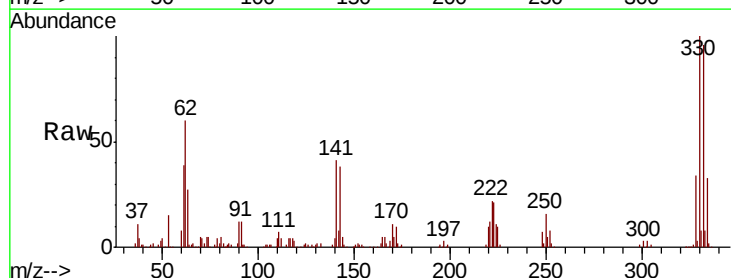


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

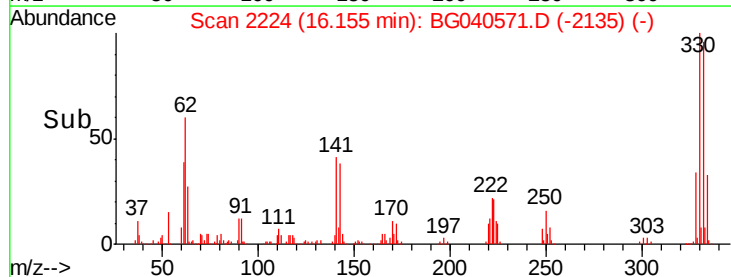
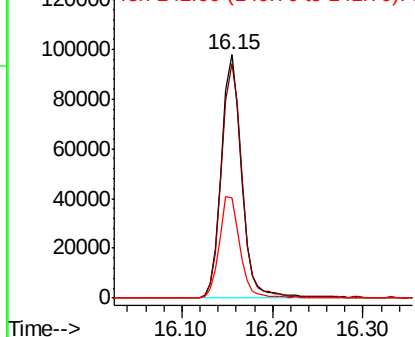


#42
2,4,6-Tribromophenol
Concen: 91.501 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG040571.D
Acq: 19 Apr 2019 21:02

Tgt Ion:330 Resp: 151943
Ion Ratio Lower Upper
330 100
332 98.3 76.6 115.0
141 42.4 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

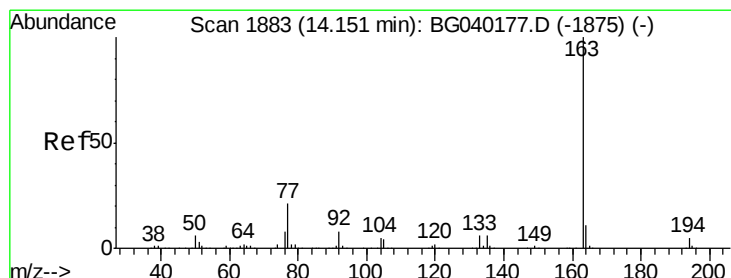
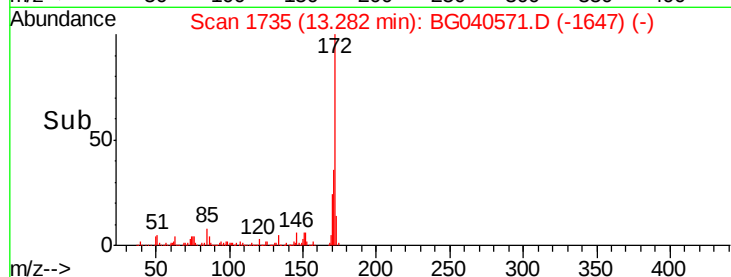
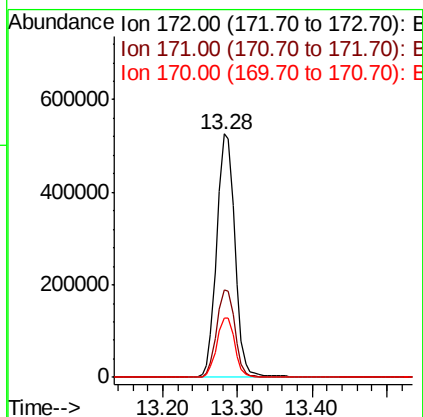
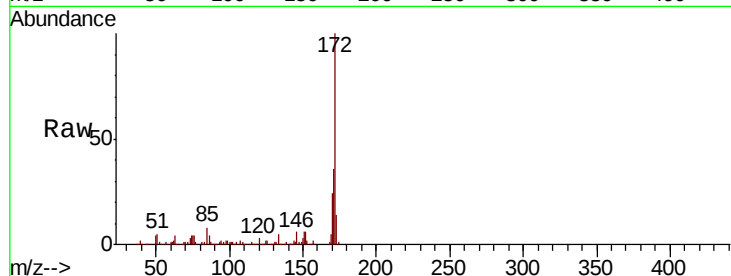




#45
2-Fluorobiphenyl
Concen: 86.304 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG040571.D
Acq: 19 Apr 2019 21:02

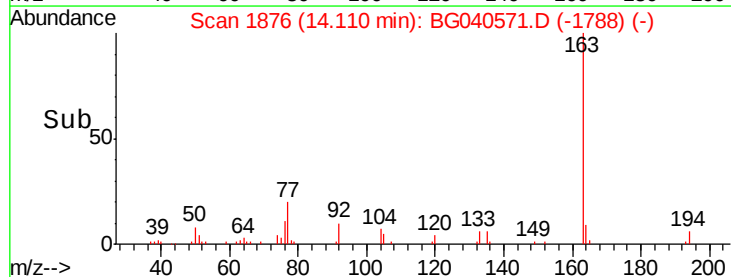
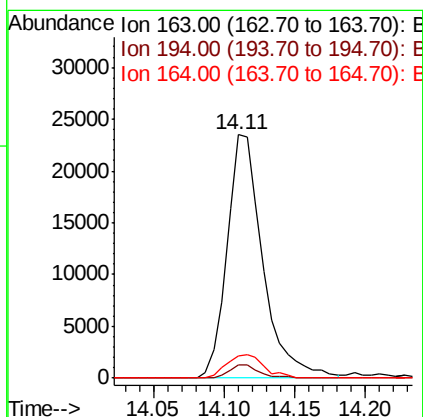
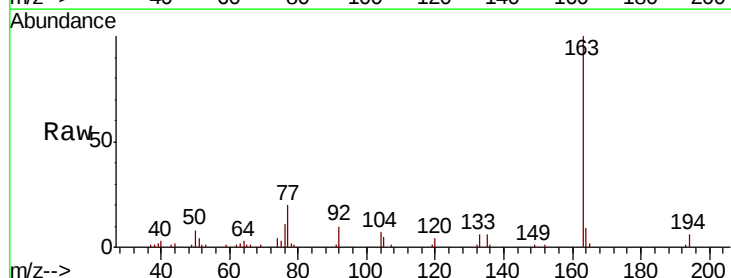
Instrument :
BNA_G
ClientSampleId :
TP-TRACK-78-79

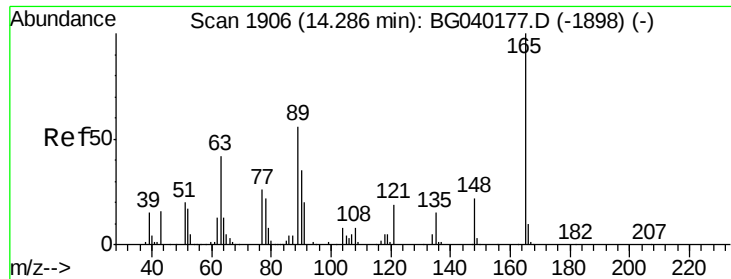
Tgt Ion:172 Resp: 894926
Ion Ratio Lower Upper
172 100
171 35.9 30.5 45.7
170 24.5 20.1 30.1



#50
Dimethylphthalate
Concen: 3.441 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG040571.D
Acq: 19 Apr 2019 21:02

Tgt Ion:163 Resp: 41380
Ion Ratio Lower Upper
163 100
194 5.5 4.1 6.1
164 9.4 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 7.266 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.41 min

Lab File: BG040571.D

Acq: 19 Apr 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-78-79

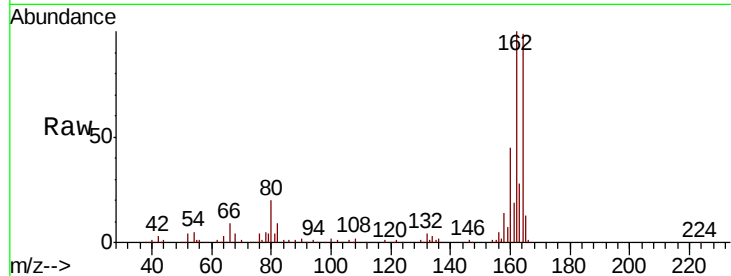
Tgt Ion:165 Resp: 19619

Ion Ratio Lower Upper

165 100

63 1.5 44.1 66.1#

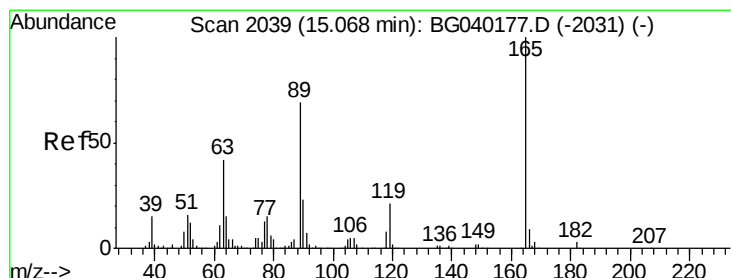
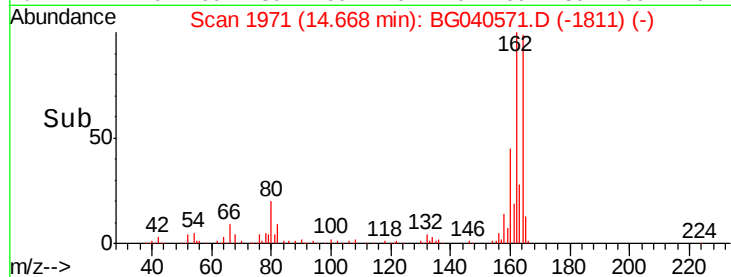
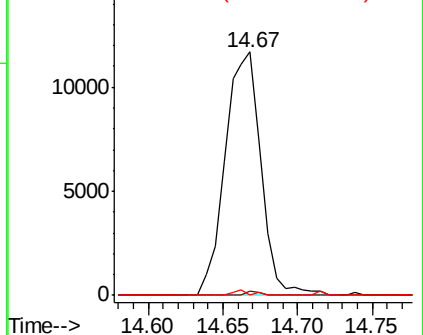
89 0.0 44.9 67.3#



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: 5.229 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.37 min

Lab File: BG040571.D

Acq: 19 Apr 2019 21:02

Tgt Ion:165 Resp: 19619

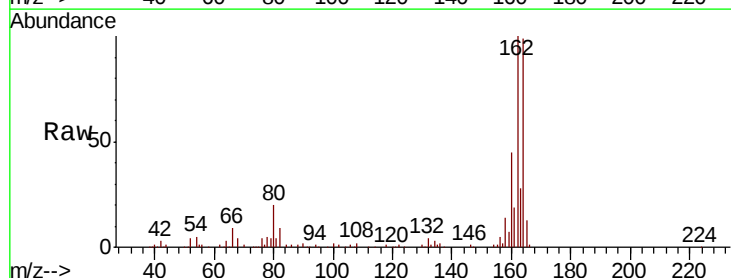
Ion Ratio Lower Upper

165 100

63 1.5 33.8 50.6#

89 0.0 55.4 83.2#

182 0.0 2.2 3.4#

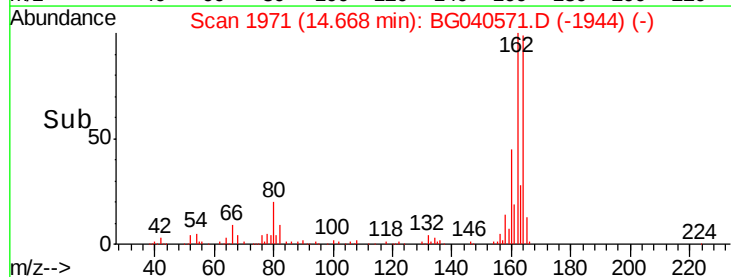
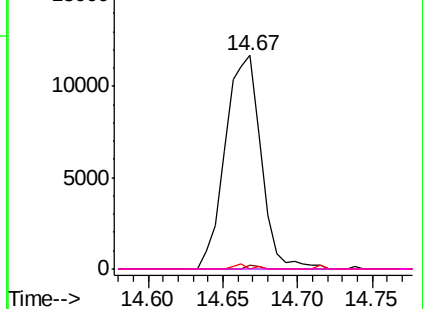


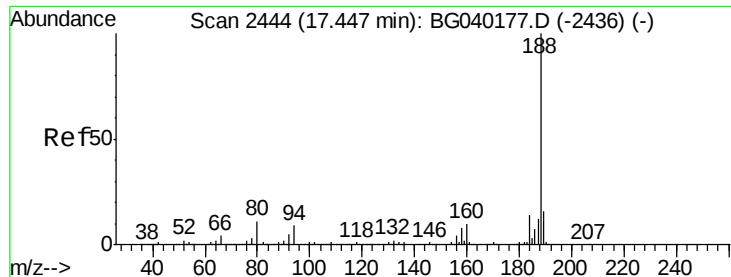
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG040571.D

Acq: 19 Apr 2019 21:02

Instrument :

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TP-TRACK-78-79

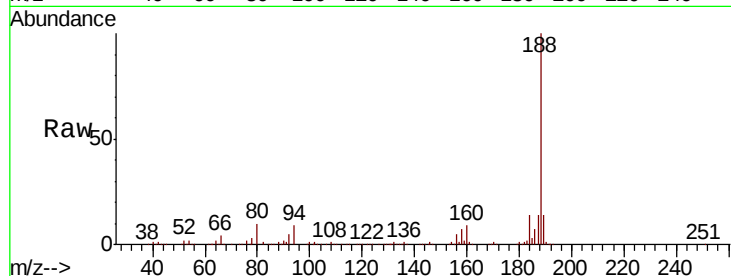
Tgt Ion:188 Resp: 342783

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

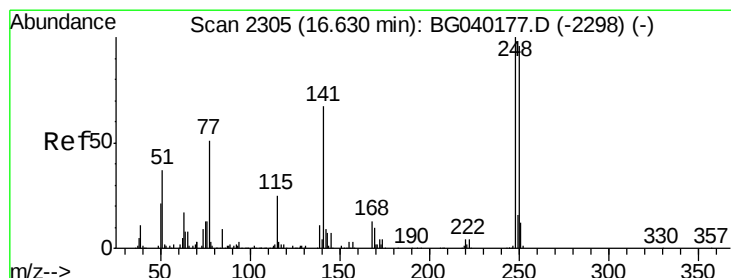
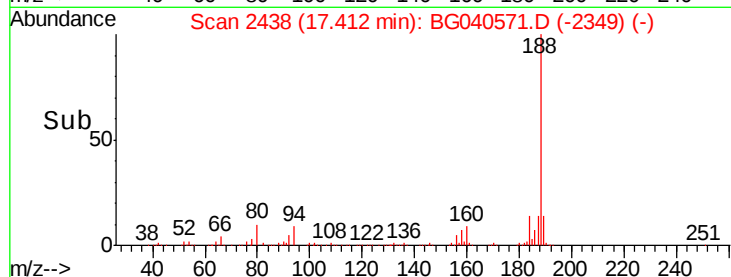
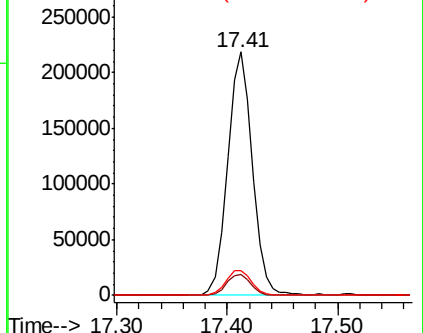
80 10.3 8.6 13.0



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: 3.008 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.45 min

Lab File: BG040571.D

Acq: 19 Apr 2019 21:02

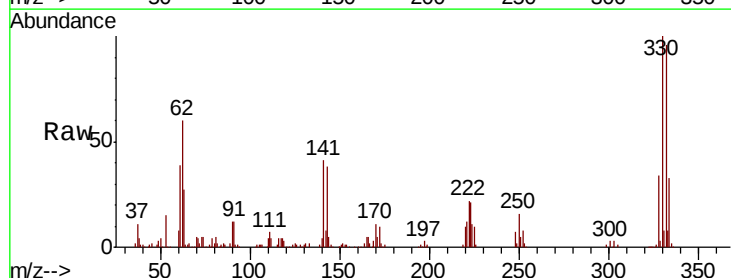
Tgt Ion:248 Resp: 11604

Ion Ratio Lower Upper

248 100

250 169.6 76.4 114.6#

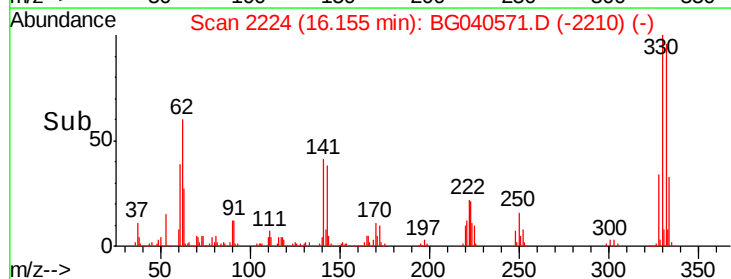
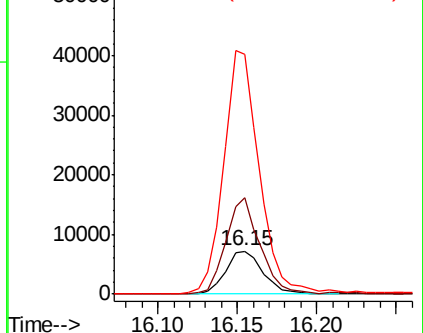
141 423.3 53.8 80.8#

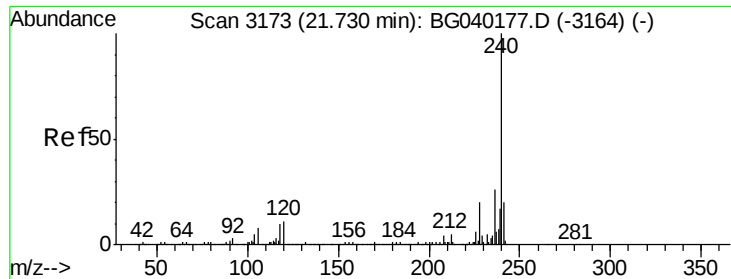


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

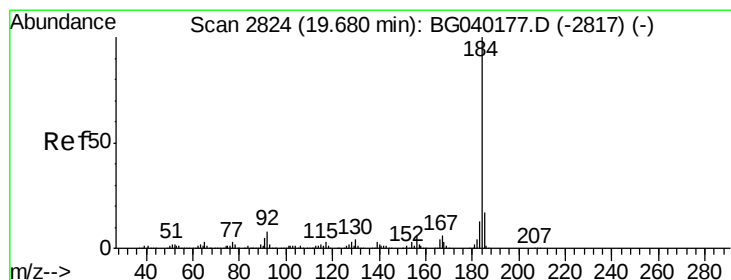
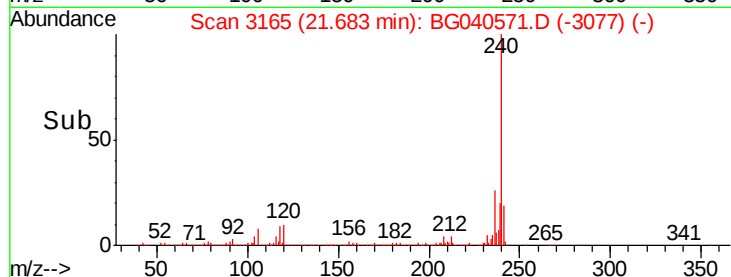
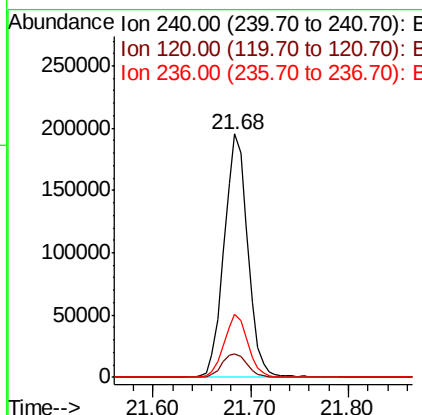
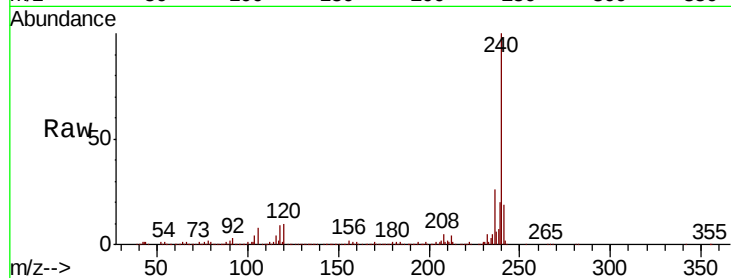




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG040571.D
Acq: 19 Apr 2019 21:02

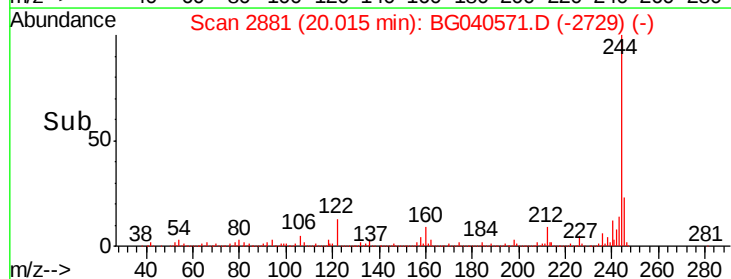
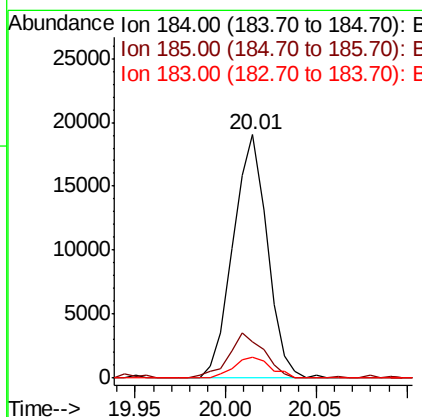
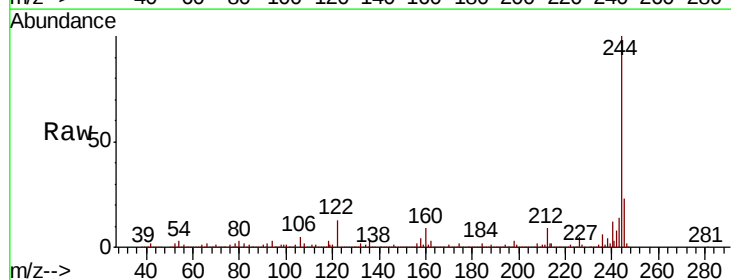
Instrument :
BNA_G
ClientSampleId :
TP-TRACK-78-79

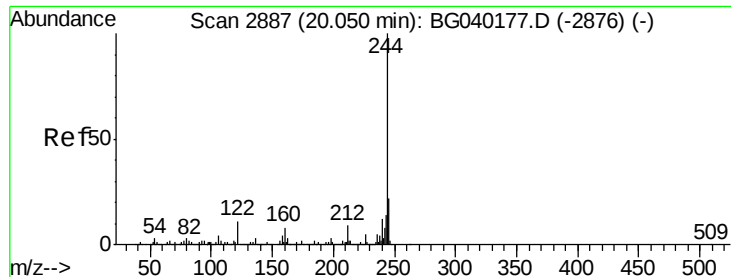
Tgt Ion:240 Resp: 328151
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.7 20.8 31.2



#77
Benzidine
Concen: 2.108 ng
RT: 20.01 min Scan# 2881
Delta R.T. 0.36 min
Lab File: BG040571.D
Acq: 19 Apr 2019 21:02

Tgt Ion:184 Resp: 24981
Ion Ratio Lower Upper
184 100
185 15.0 13.3 19.9
183 8.8 10.3 15.5#





#79

Terphenyl-d14

Concen: 105.585 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040571.D

Acq: 19 Apr 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-78-79

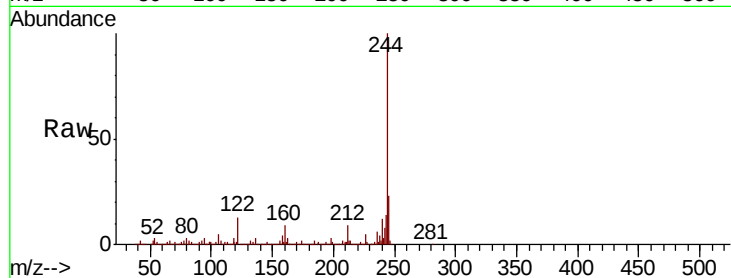
Tgt Ion:244 Resp: 1540147

Ion Ratio Lower Upper

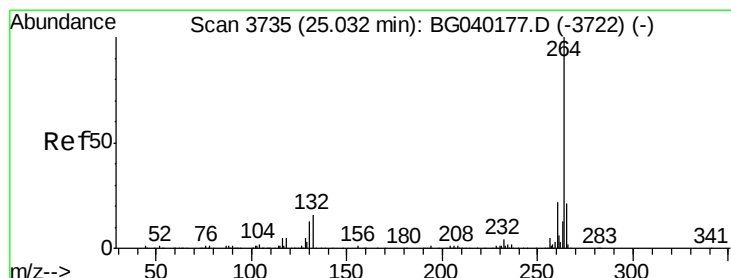
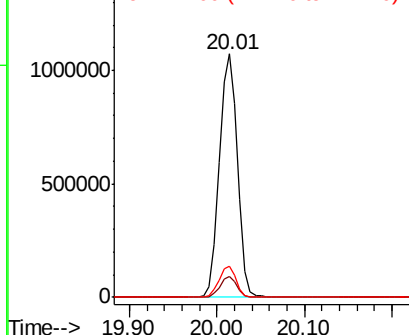
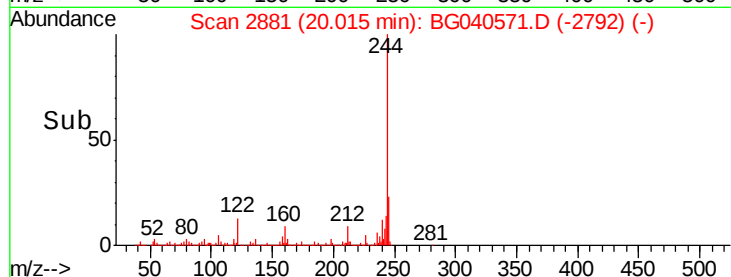
244 100

212 8.6 7.0 10.6

122 13.1 8.5 12.7#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040571.D

Acq: 19 Apr 2019 21:02

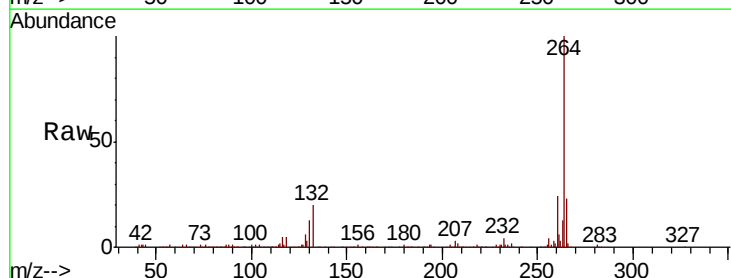
Tgt Ion:264 Resp: 348332

Ion Ratio Lower Upper

264 100

260 24.1 17.9 26.9

265 22.8 16.8 25.2



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

