

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040353.D
 Acq On : 4 Apr 2019 9:55
 Operator : JU/SJ
 Sample : K2187-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Apr 04 11:31:21 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	61667	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	242630	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	153234	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	371295	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	414393	20.00	ng	-0.04
87) Perylene-d12	24.97	264	426745	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	152350	41.07	ng	-0.02
7) Phenol-d6	7.20	99	122550	23.90	ng	-0.02
23) Nitrobenzene-d5	9.22	82	420924	92.21	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	163818	98.92	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	932764	90.20	ng	-0.02
79) Terphenyl-d14	20.02	244	1315015	71.39	ng	-0.03

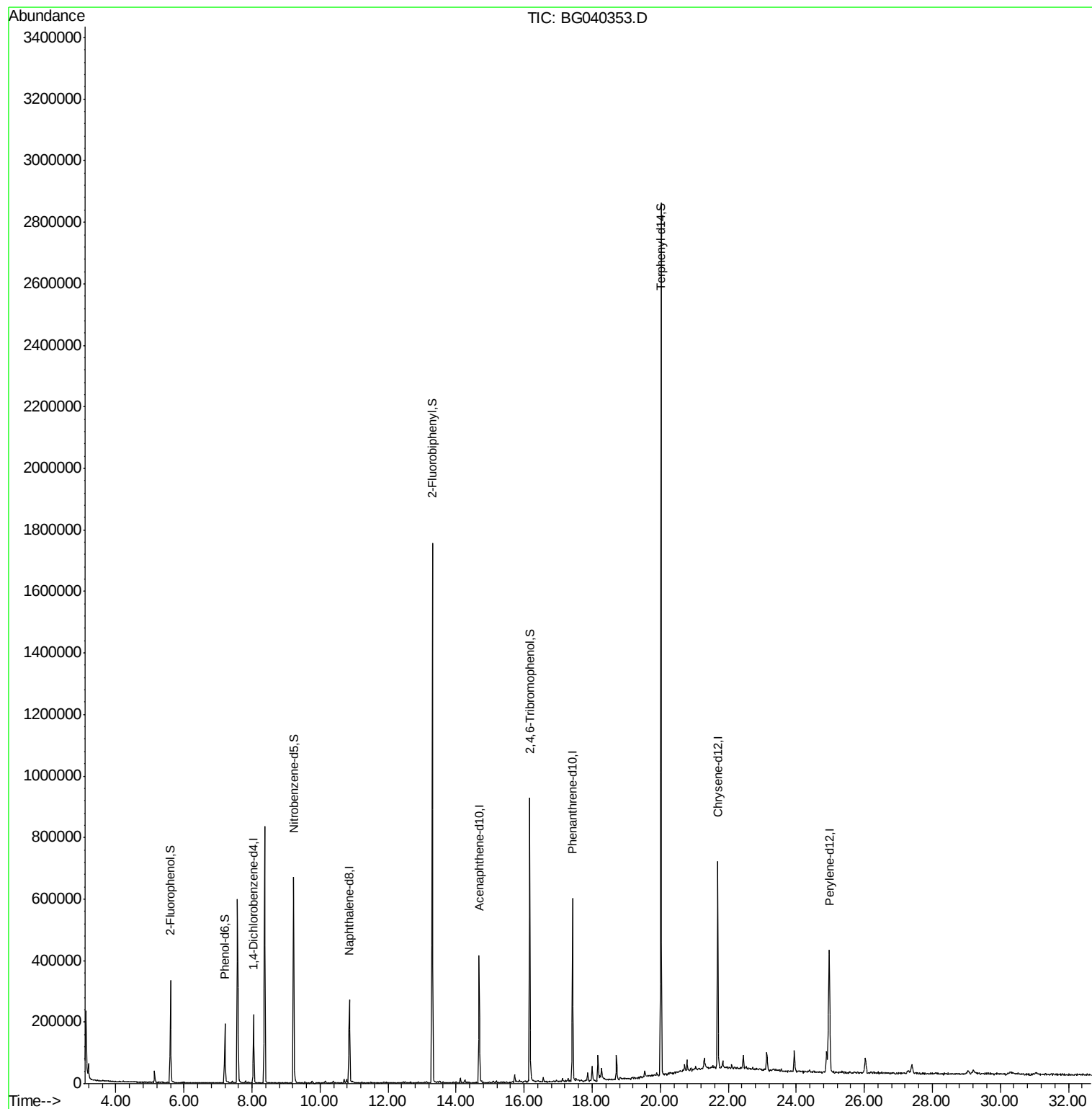
Target Compounds	Qvalue
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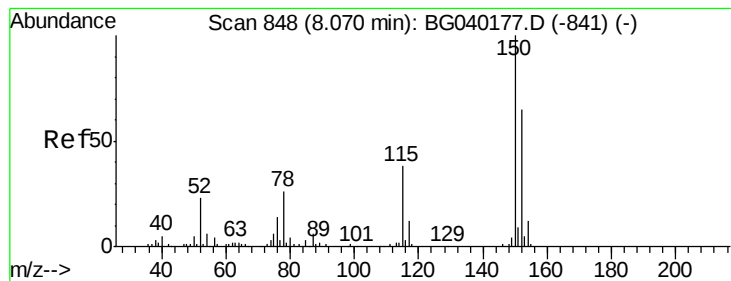
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.02 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

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BNA_G

ClientSampleId :

TP-TRACK-86-87

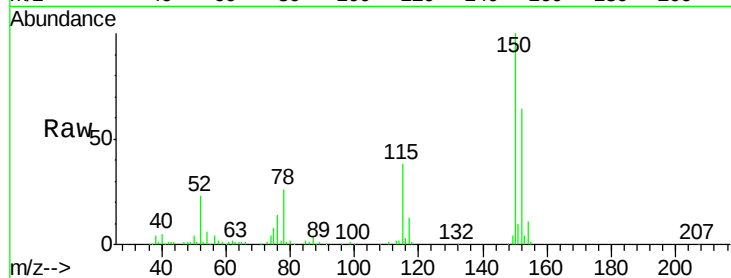
Tgt Ion:152 Resp: 61667

Ion Ratio Lower Upper

152 100

150 157.3 123.7 185.5

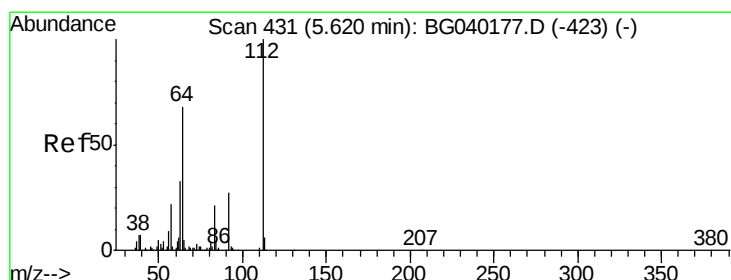
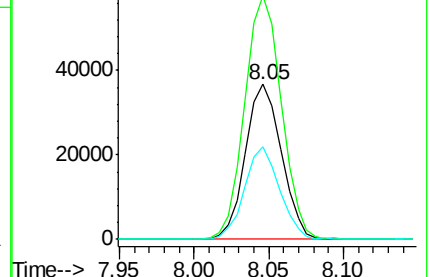
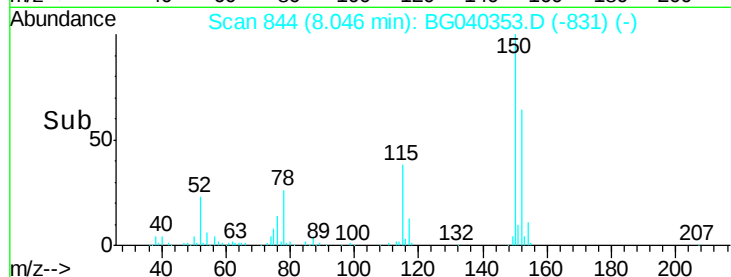
115 60.2 46.9 70.3



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: 41.070 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

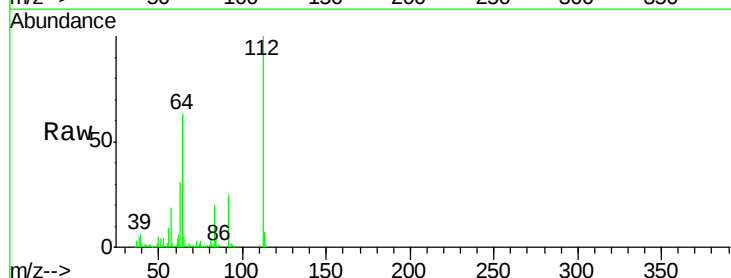
Tgt Ion:112 Resp: 152350

Ion Ratio Lower Upper

112 100

64 63.4 54.2 81.2

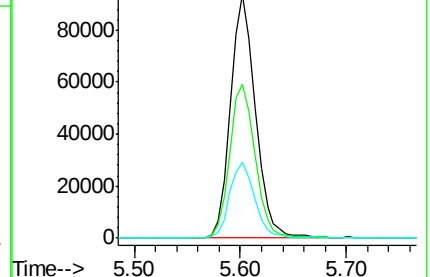
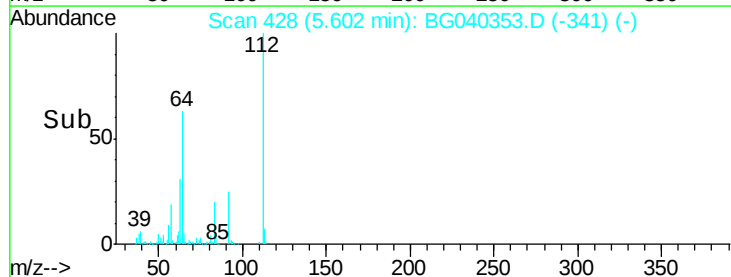
63 31.3 26.4 39.6

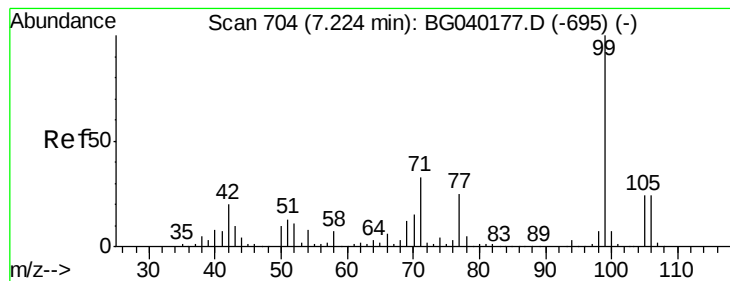


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.905 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-86-87

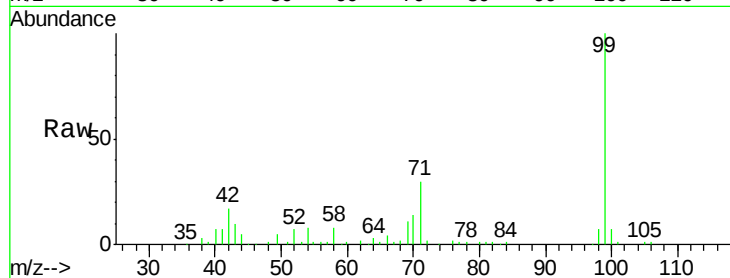
Tgt Ion: 99 Resp: 122550

Ion Ratio Lower Upper

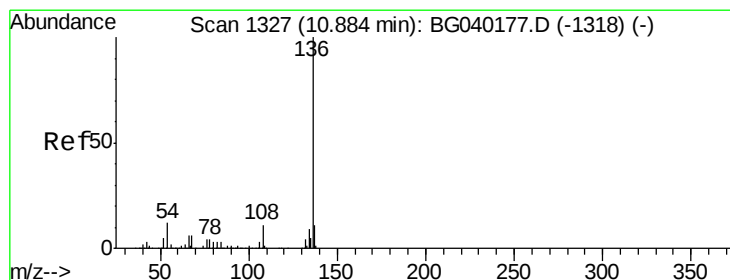
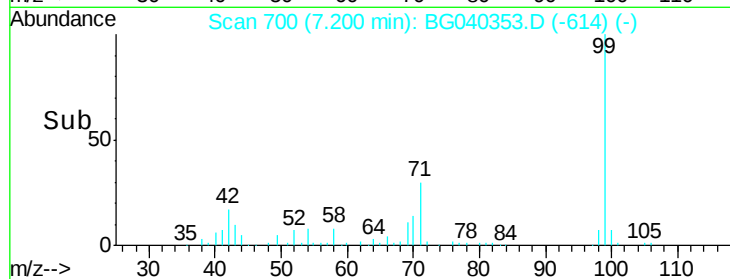
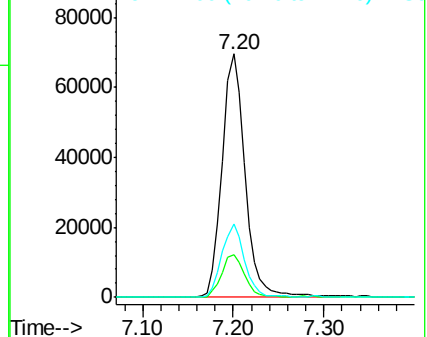
99 100

42 17.4 16.2 24.2

71 30.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

Tgt Ion: 136 Resp: 242630

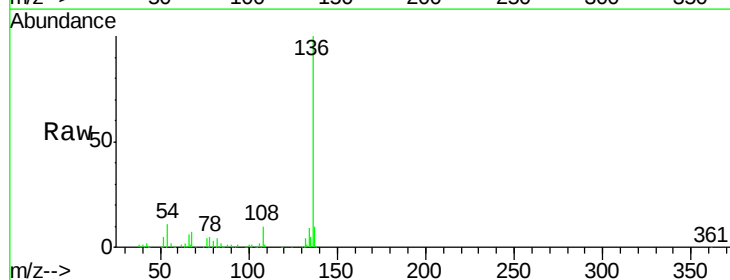
Ion Ratio Lower Upper

136 100

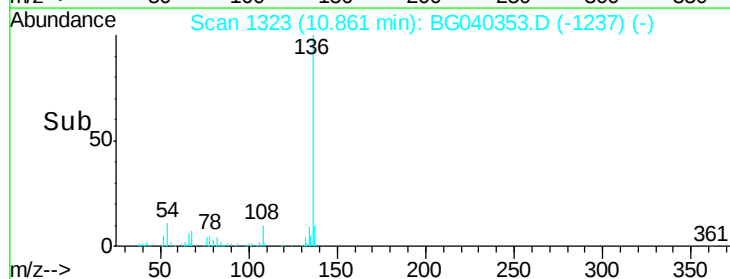
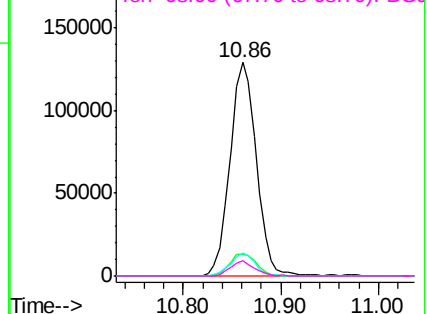
137 10.4 8.9 13.3

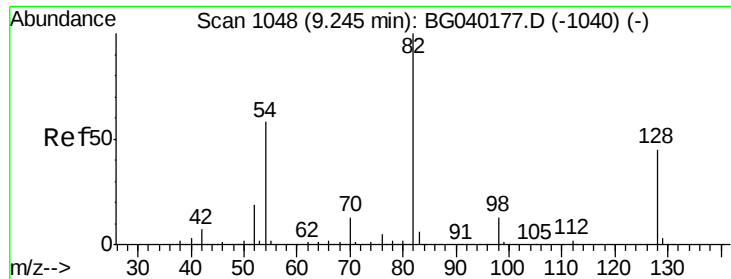
54 11.0 9.6 14.4

68 7.1 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

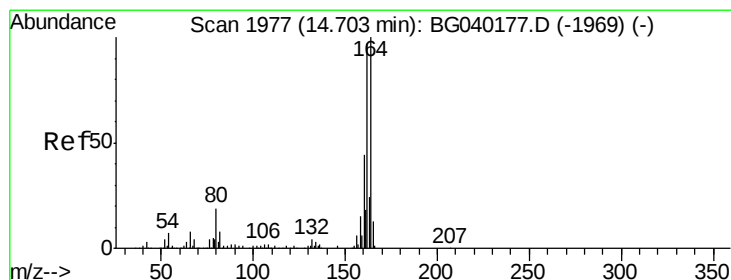
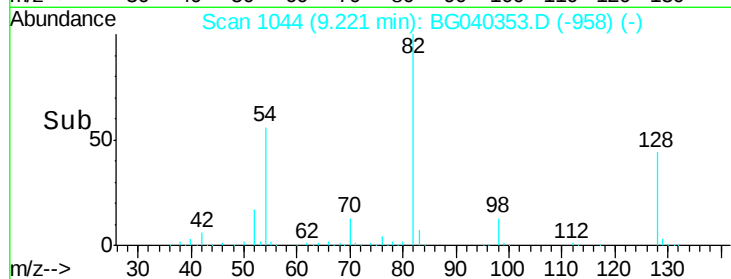
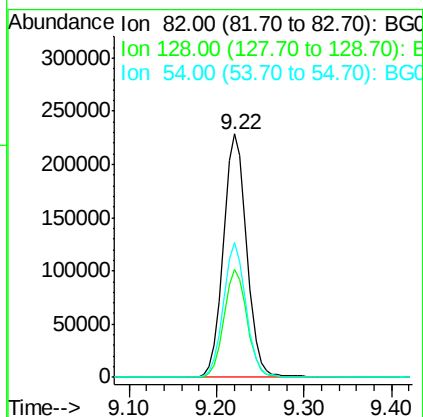
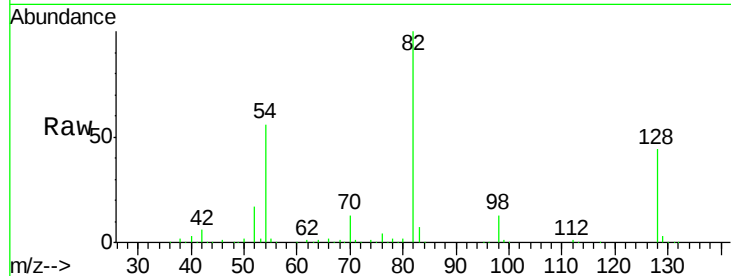




#23
 Nitrobenzene-d5
 Concen: 92.213 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040353.D
 Acq: 4 Apr 2019 9:55

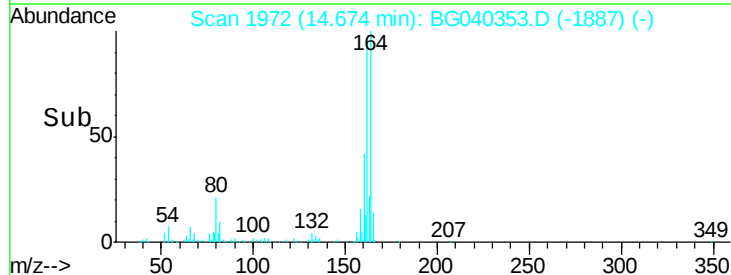
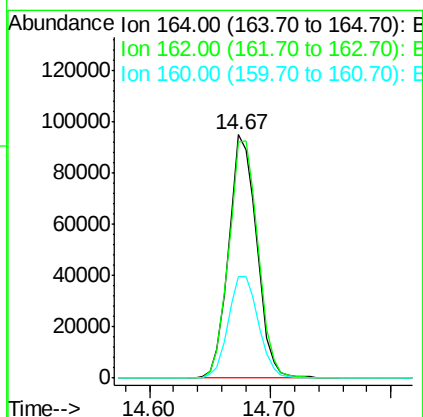
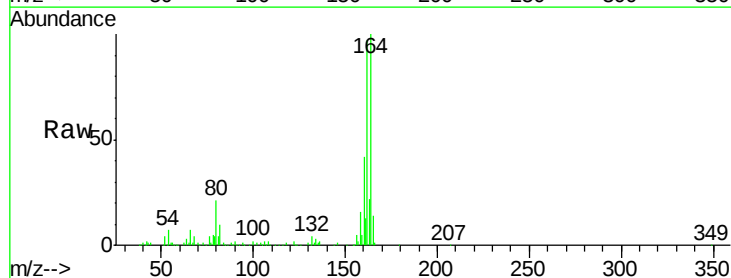
Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-86-87

Tgt Ion: 82 Resp: 420924
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.8 53.8
 54 55.6 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040353.D
 Acq: 4 Apr 2019 9:55

Tgt Ion: 164 Resp: 153234
 Ion Ratio Lower Upper
 164 100
 162 96.8 77.4 116.2
 160 41.8 35.3 52.9

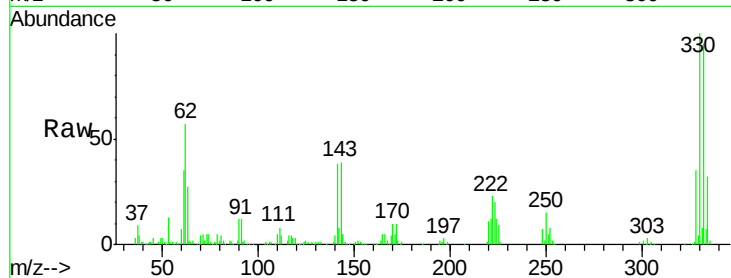




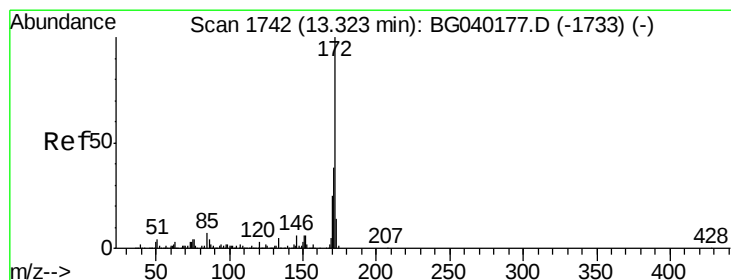
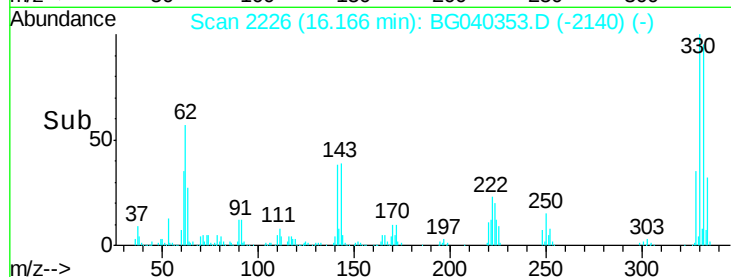
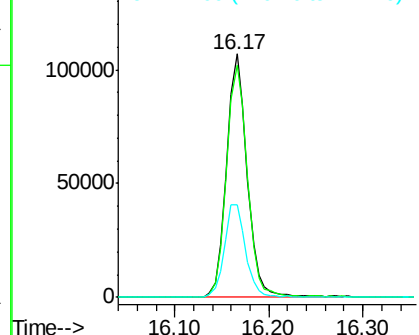
#42
 2,4,6-Tribromophenol
 Concen: 98.920 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040353.D
 Acq: 4 Apr 2019 9:55

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

Tgt Ion:330 Resp: 163818
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.6 32.6 48.8

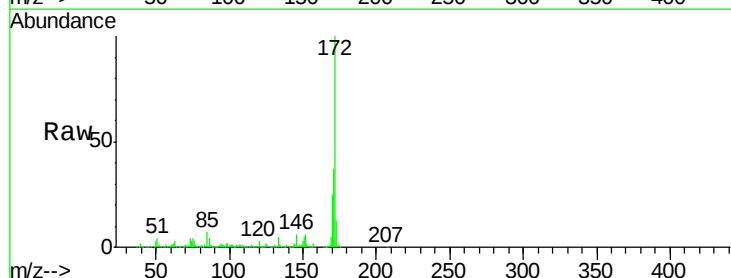


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

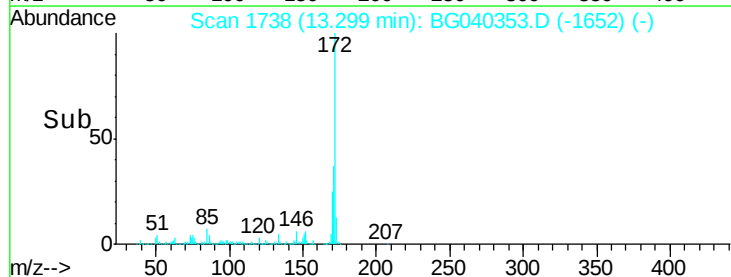
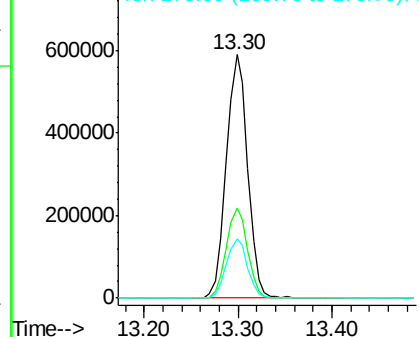


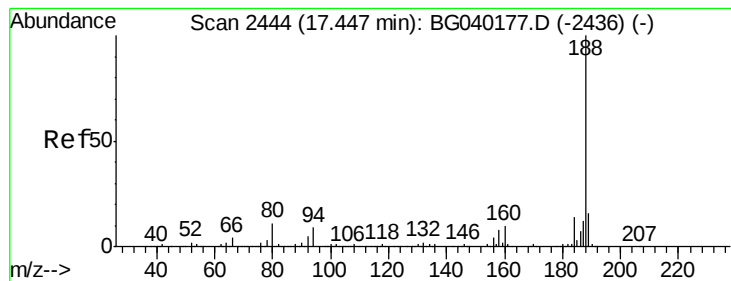
#45
 2-Fluorobiphenyl
 Concen: 90.198 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040353.D
 Acq: 4 Apr 2019 9:55

Tgt Ion:172 Resp: 932764
 Ion Ratio Lower Upper
 172 100
 171 37.1 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-86-87

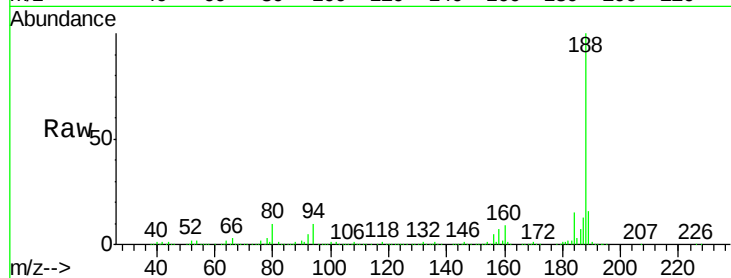
Tgt Ion:188 Resp: 371295

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

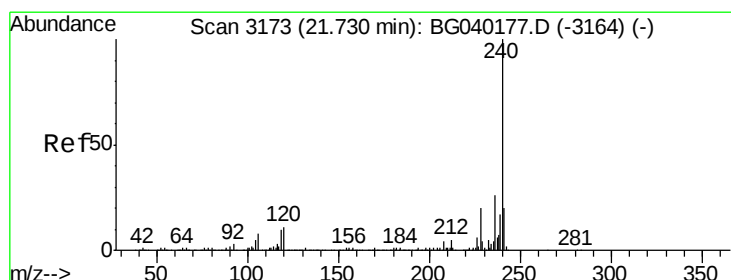
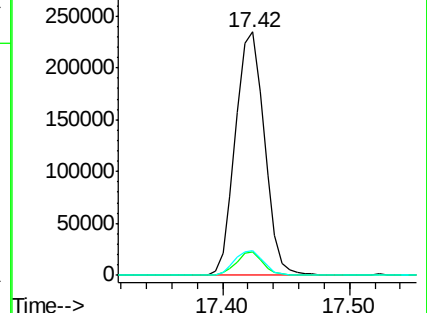
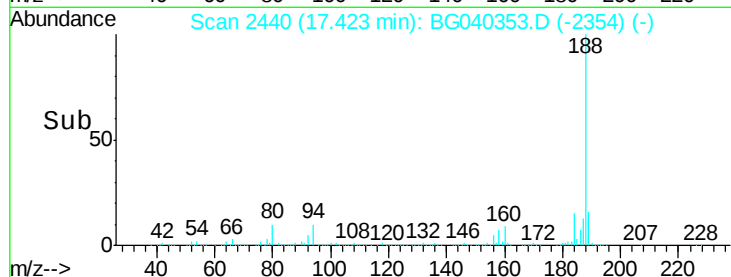
80 10.2 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

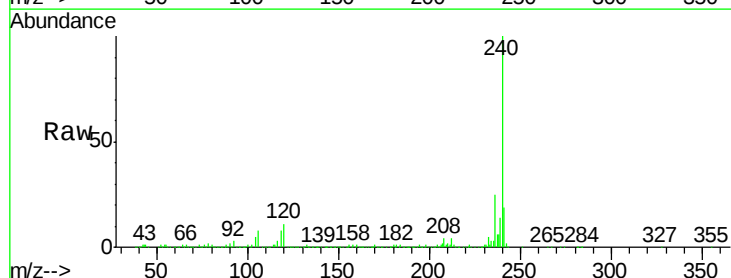
Tgt Ion:240 Resp: 414393

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

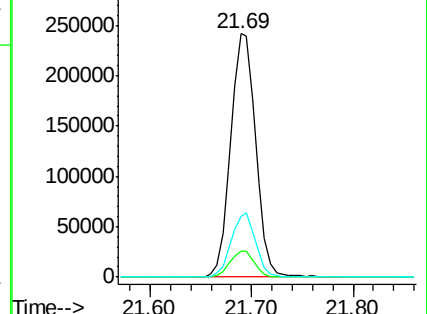
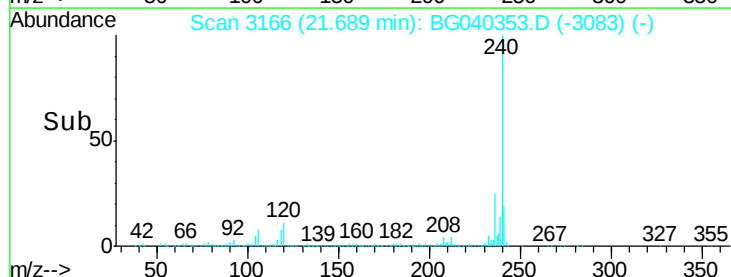
236 24.9 20.8 31.2



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





#79

Terphenyl-d14

Concen: 71.389 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

Instrument :

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ClientSampleId :

TP-TRACK-86-87

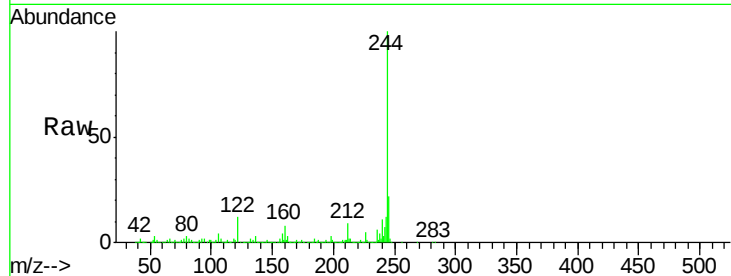
Tgt Ion:244 Resp: 1315015

Ion Ratio Lower Upper

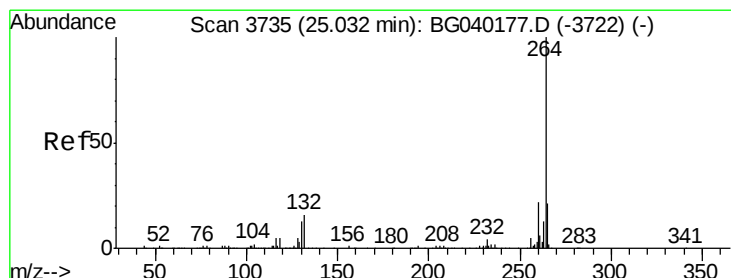
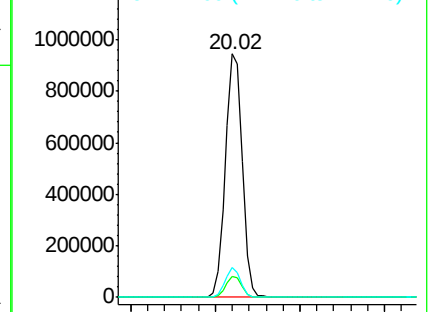
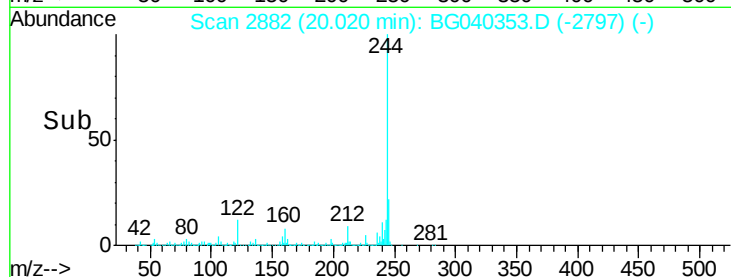
244 100

212 8.8 7.0 10.6

122 12.4 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: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

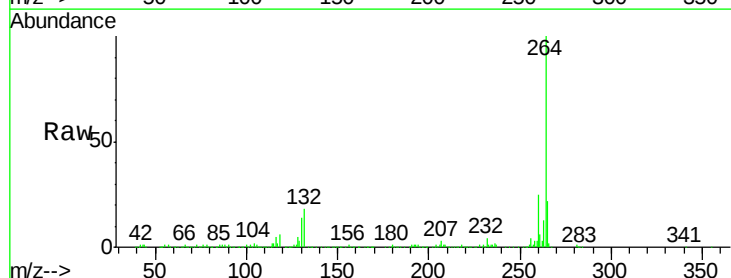
Tgt Ion:264 Resp: 426745

Ion Ratio Lower Upper

264 100

260 24.8 17.9 26.9

265 21.8 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

