

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040354.D
 Acq On : 4 Apr 2019 10:35
 Operator : JU/SJ
 Sample : K2187-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Apr 04 11:32:59 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	59441	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	238977	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	142518	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	339711	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	389468	20.00	ng	-0.04
87) Perylene-d12	24.97	264	402886	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	163148	45.63	ng	-0.02
7) Phenol-d6	7.20	99	139002	28.13	ng	-0.02
23) Nitrobenzene-d5	9.22	82	387838	86.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	151842	98.58	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	864474	89.88	ng	-0.02
79) Terphenyl-d14	20.02	244	1255028	72.49	ng	-0.03

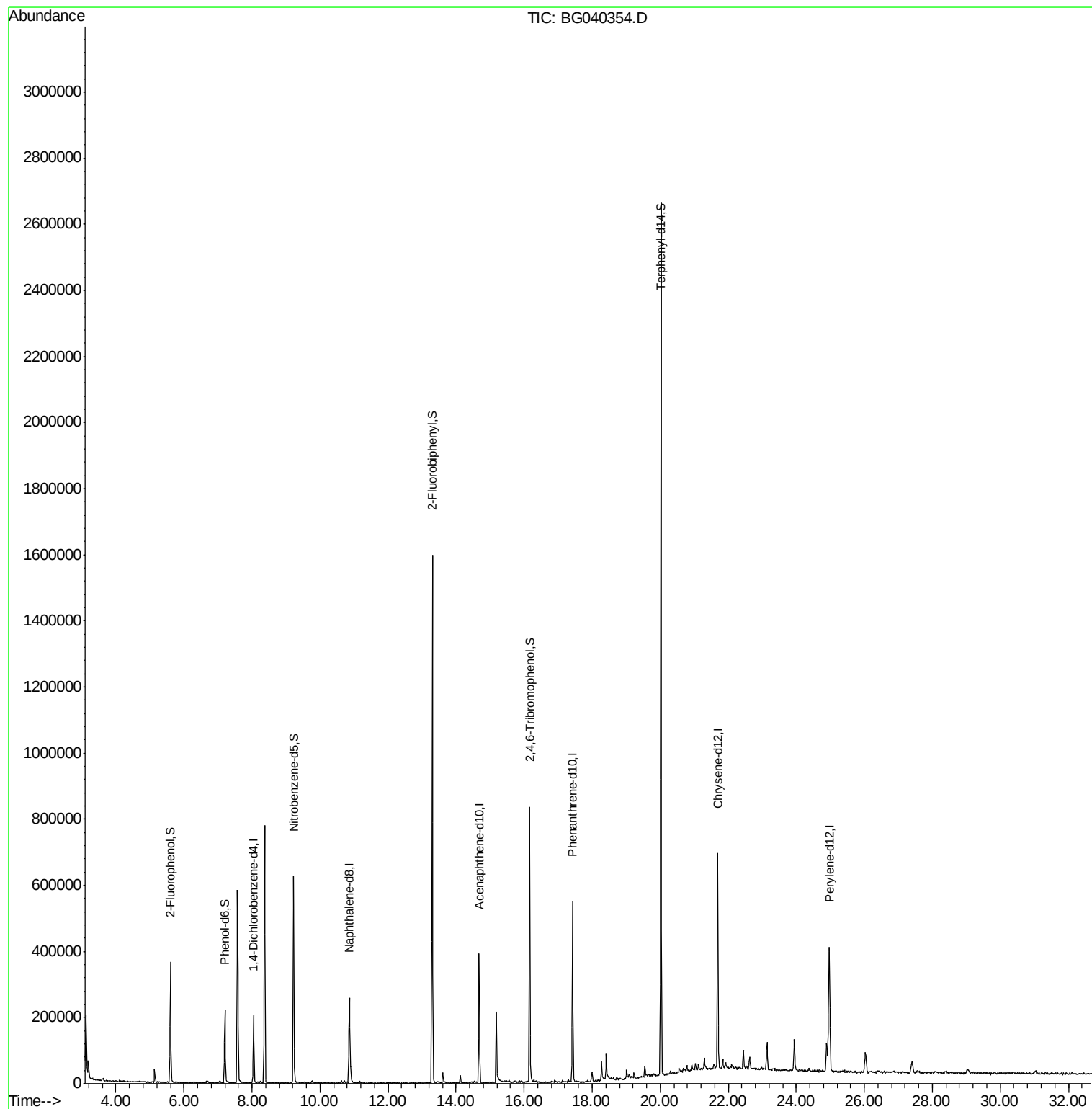
Target Compounds	Qvalue
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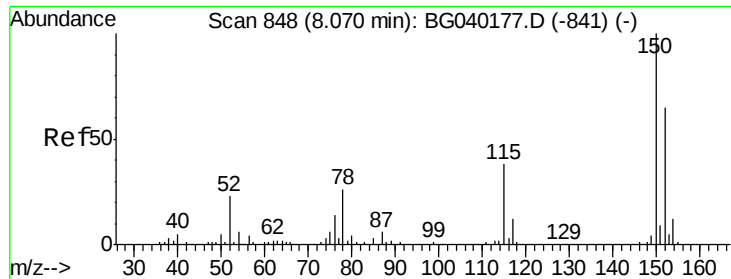
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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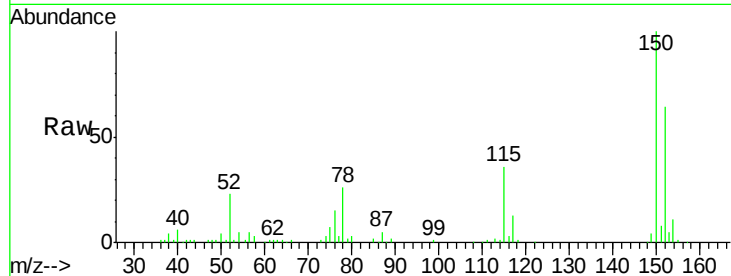


#1

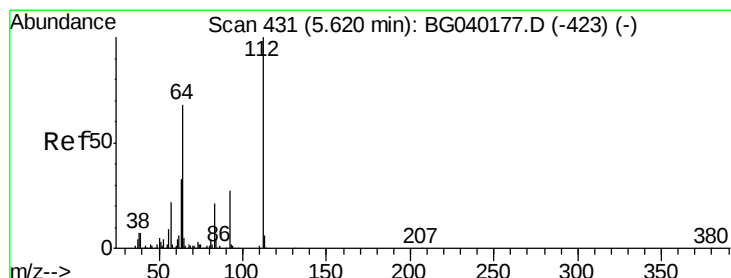
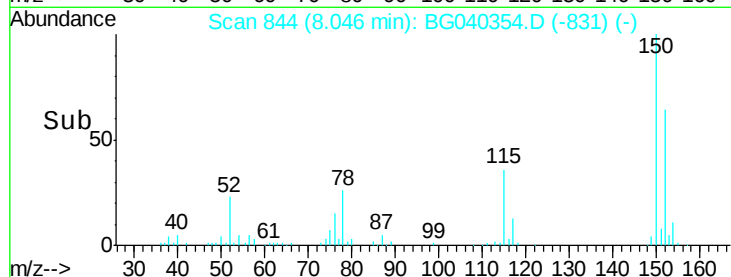
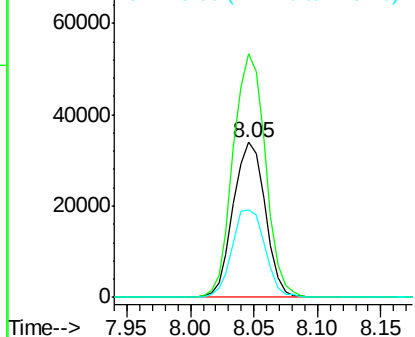
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040354.D
Acq: 4 Apr 2019 10:35

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

Tgt Ion:152 Resp: 59441
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 56.3 46.9 70.3



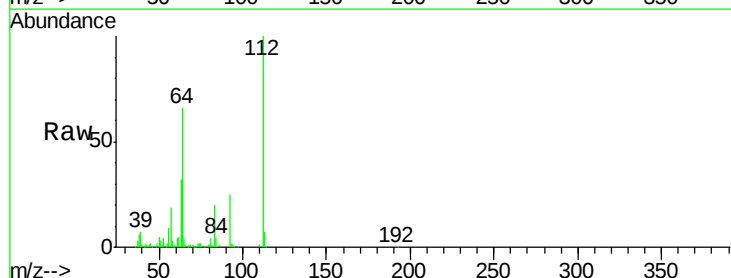
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



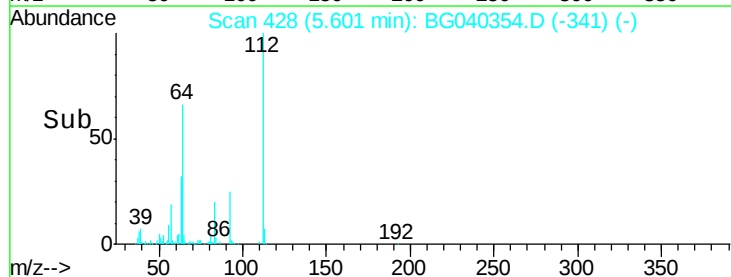
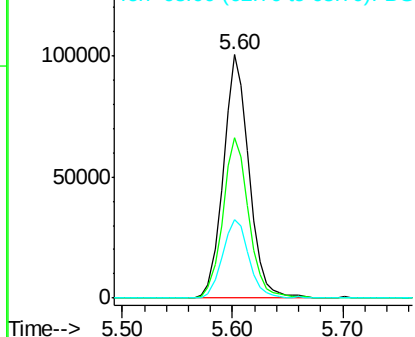
#5

2-Fluorophenol
Concen: 45.628 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040354.D
Acq: 4 Apr 2019 10:35

Tgt Ion:112 Resp: 163148
Ion Ratio Lower Upper
112 100
64 66.1 54.2 81.2
63 32.2 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: 28.129 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040354.D

Acq: 4 Apr 2019 10:35

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-78-79

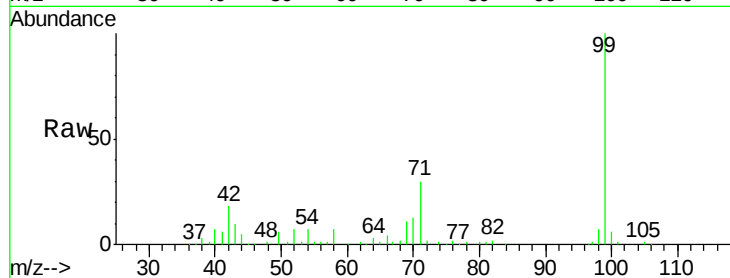
Tgt Ion: 99 Resp: 139002

Ion Ratio Lower Upper

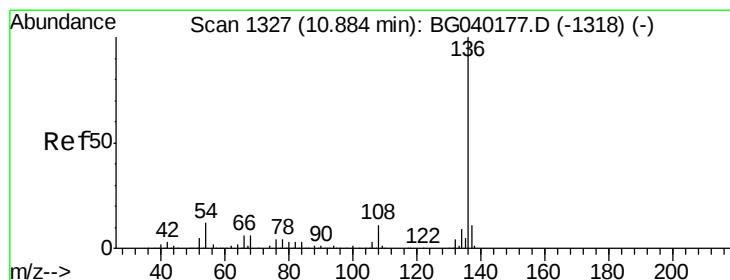
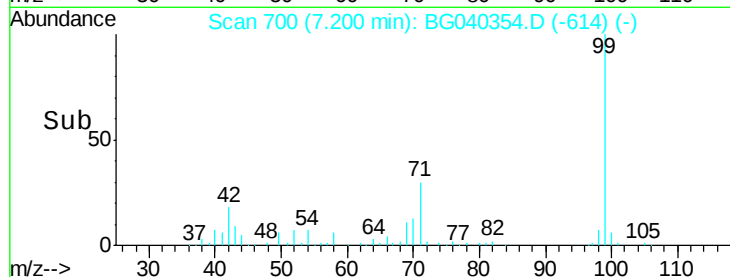
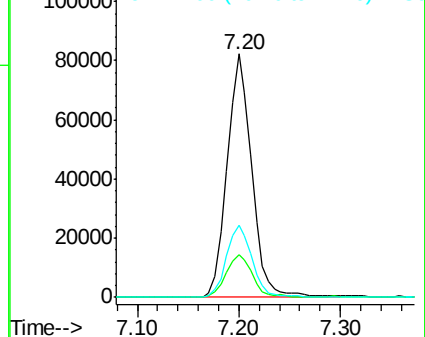
99 100

42 17.6 16.2 24.2

71 29.7 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: BG040354.D

Acq: 4 Apr 2019 10:35

Tgt Ion: 136 Resp: 238977

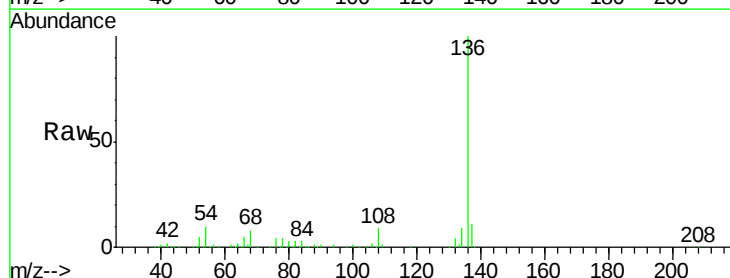
Ion Ratio Lower Upper

136 100

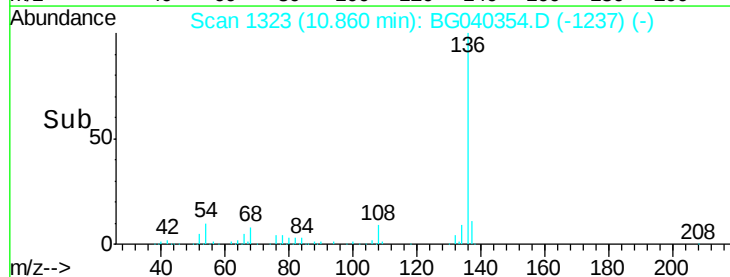
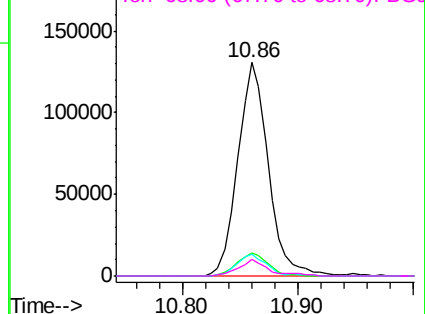
137 10.6 8.9 13.3

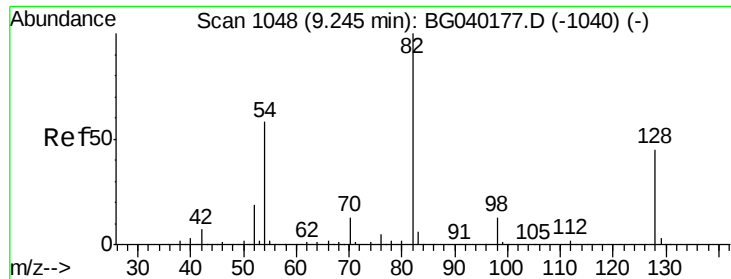
54 10.1 9.6 14.4

68 7.6 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

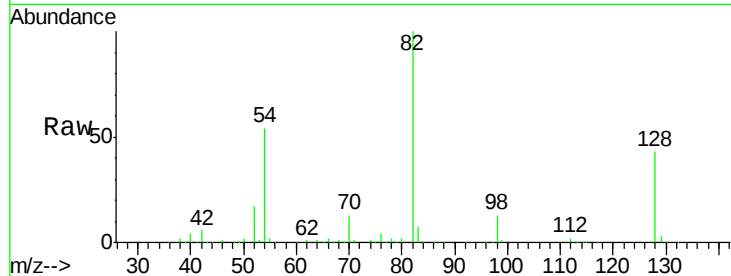




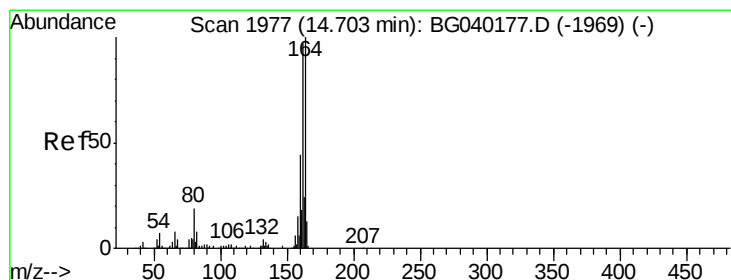
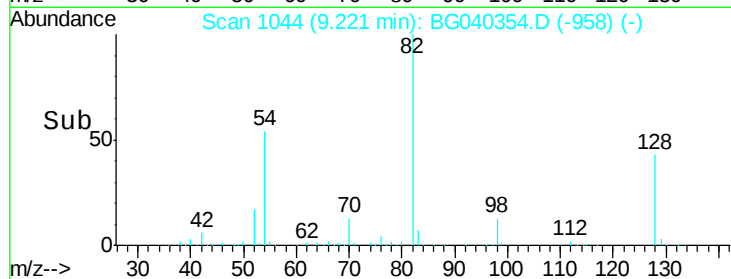
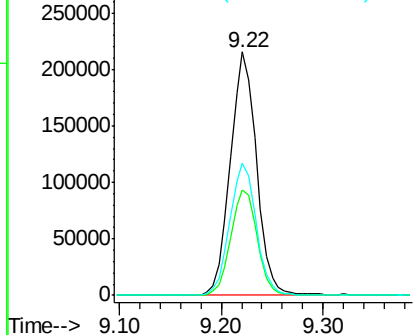
#23
 Nitrobenzene-d5
 Concen: 86.263 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040354.D
 Acq: 4 Apr 2019 10:35

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

Tgt Ion: 82 Resp: 387838
 Ion Ratio Lower Upper
 82 100
 128 43.2 35.8 53.8
 54 54.3 46.2 69.2

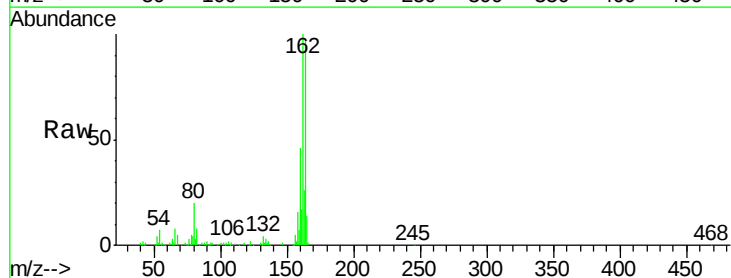


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

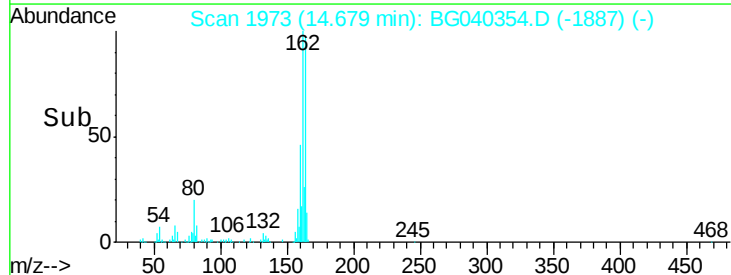
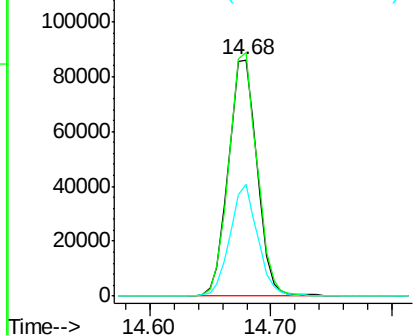


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040354.D
 Acq: 4 Apr 2019 10:35

Tgt Ion: 164 Resp: 142518
 Ion Ratio Lower Upper
 164 100
 162 103.2 77.4 116.2
 160 47.2 35.3 52.9



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

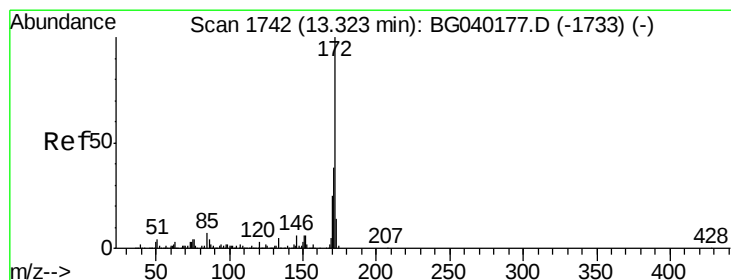
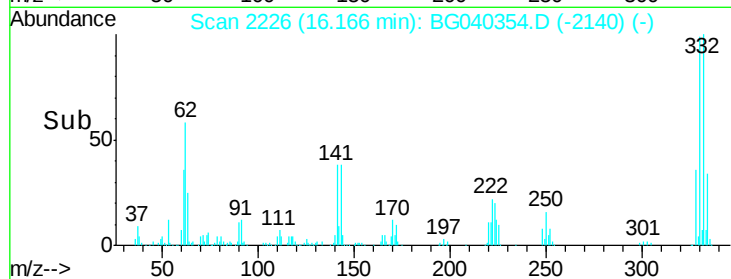
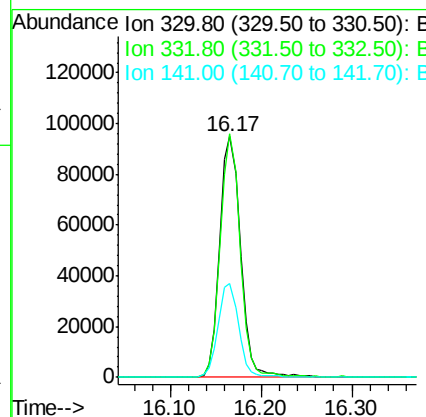
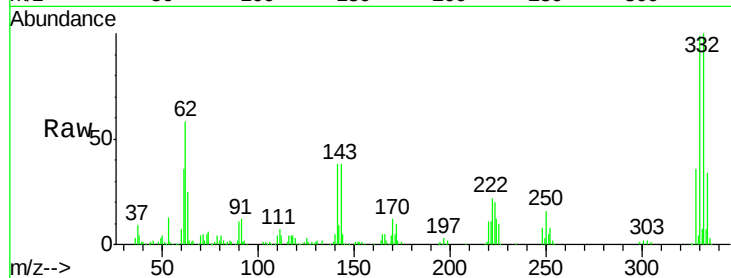




#42
 2,4,6-Tribromophenol
 Concen: 98.583 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040354.D
 Acq: 4 Apr 2019 10:35

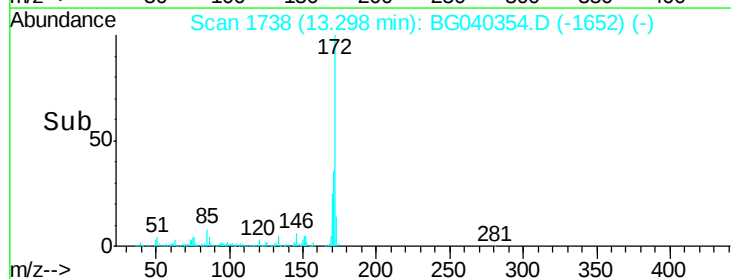
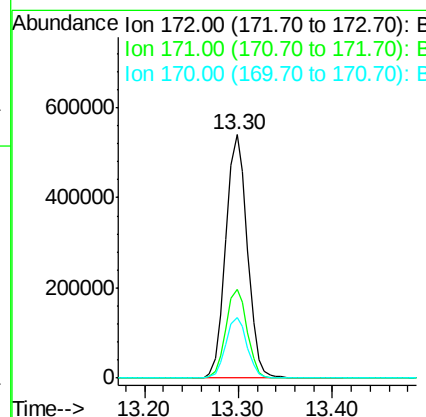
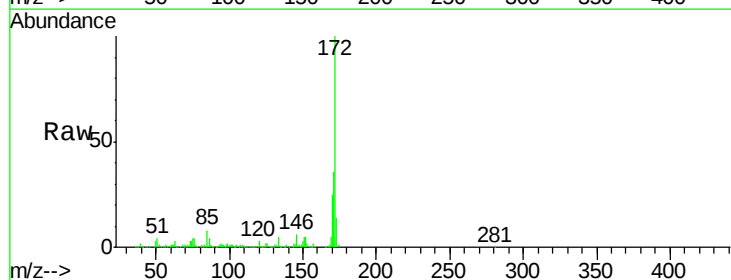
Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-78-79

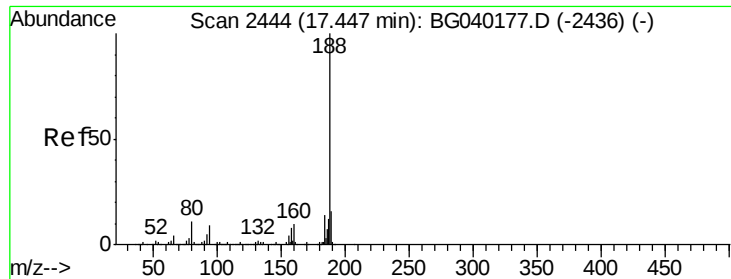
Tgt Ion:330 Resp: 151842
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 38.8 32.6 48.8



#45
 2-Fluorobiphenyl
 Concen: 89.880 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040354.D
 Acq: 4 Apr 2019 10:35

Tgt Ion:172 Resp: 864474
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.5 45.7
 170 25.1 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040354.D

Acq: 4 Apr 2019 10:35

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-78-79

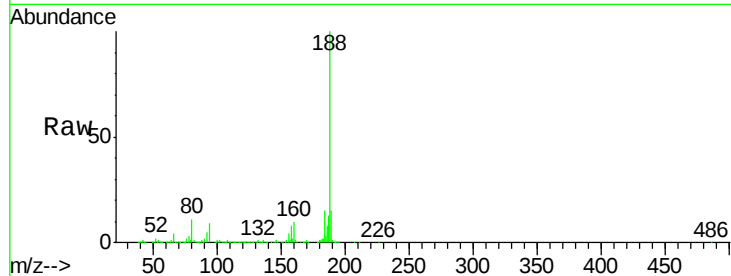
Tgt Ion:188 Resp: 339711

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

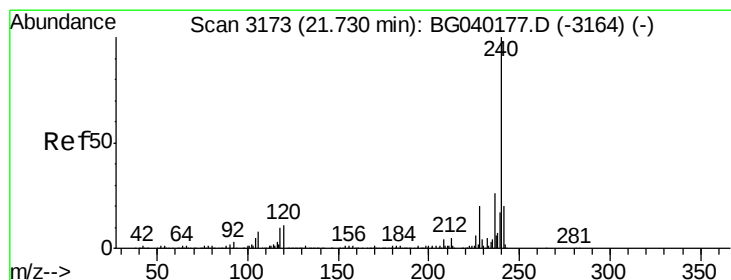
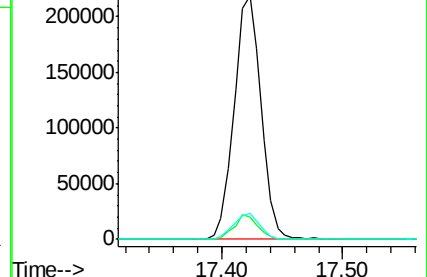
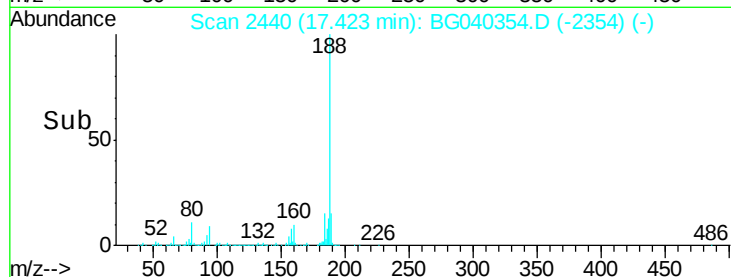
80 10.8 8.6 13.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG040354.D

Acq: 4 Apr 2019 10:35

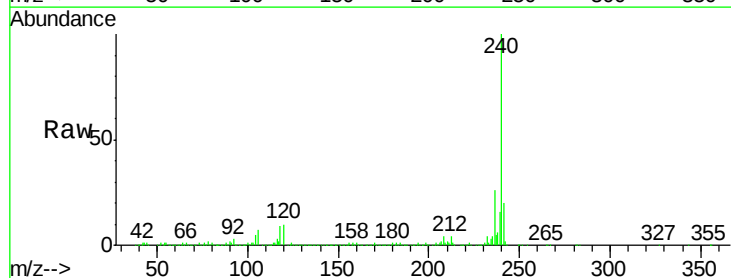
Tgt Ion:240 Resp: 389468

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

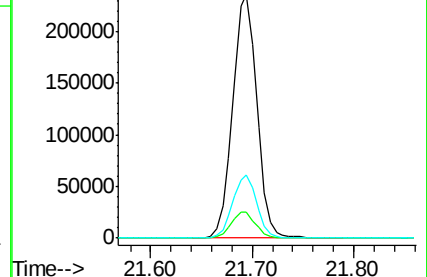
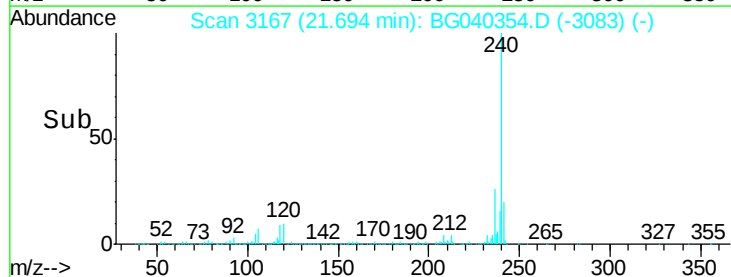
236 25.8 20.8 31.2



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: 72.493 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040354.D

Acq: 4 Apr 2019 10:35

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-78-79

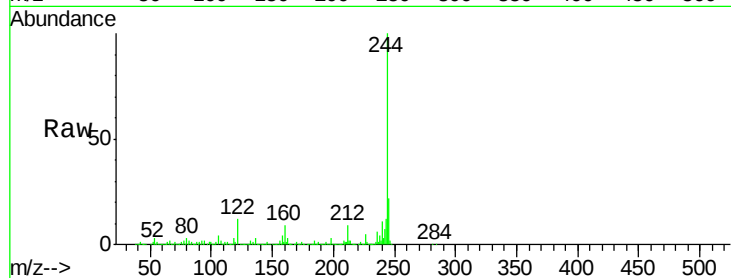
Tgt Ion:244 Resp: 1255028

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

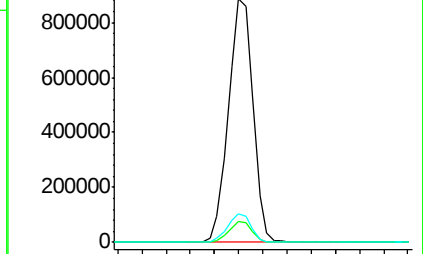
122 11.7 8.5 12.7



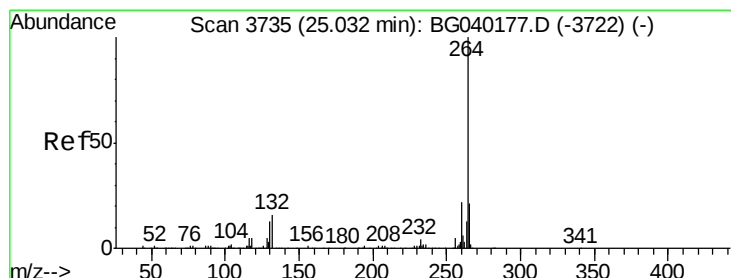
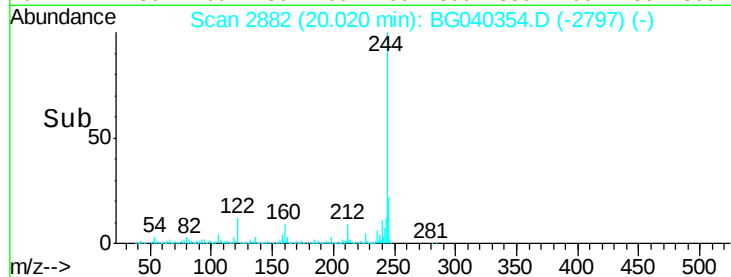
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.07 min

Lab File: BG040354.D

Acq: 4 Apr 2019 10:35

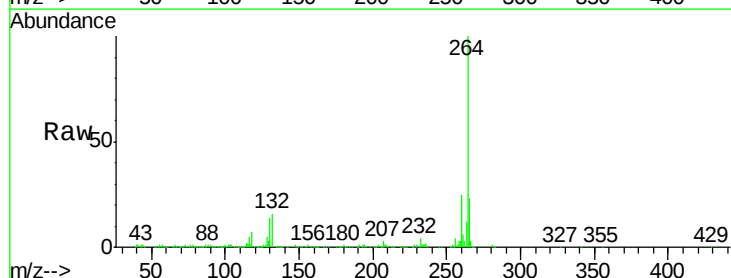
Tgt Ion:264 Resp: 402886

Ion Ratio Lower Upper

264 100

260 25.2 17.9 26.9

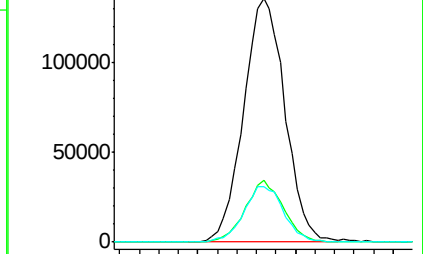
265 22.8 16.8 25.2



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



Time-->

