

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040256.D
 Acq On : 30 Mar 2019 11:15
 Operator : JU/SJ
 Sample : K2106-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-2

Quant Time: Apr 01 02:31:08 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	59856	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	261308	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	180377	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	454599	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	453637	20.00	ng	-0.02
87) Perylene-d12	25.01	264	455625	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	218316	60.63	ng	-0.01
7) Phenol-d6	7.21	99	240441	48.32	ng	-0.02
23) Nitrobenzene-d5	9.23	82	366918	74.64	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	254663	130.64	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	911864	74.91	ng	-0.02
79) Terphenyl-d14	20.03	244	1488659	73.82	ng	-0.02

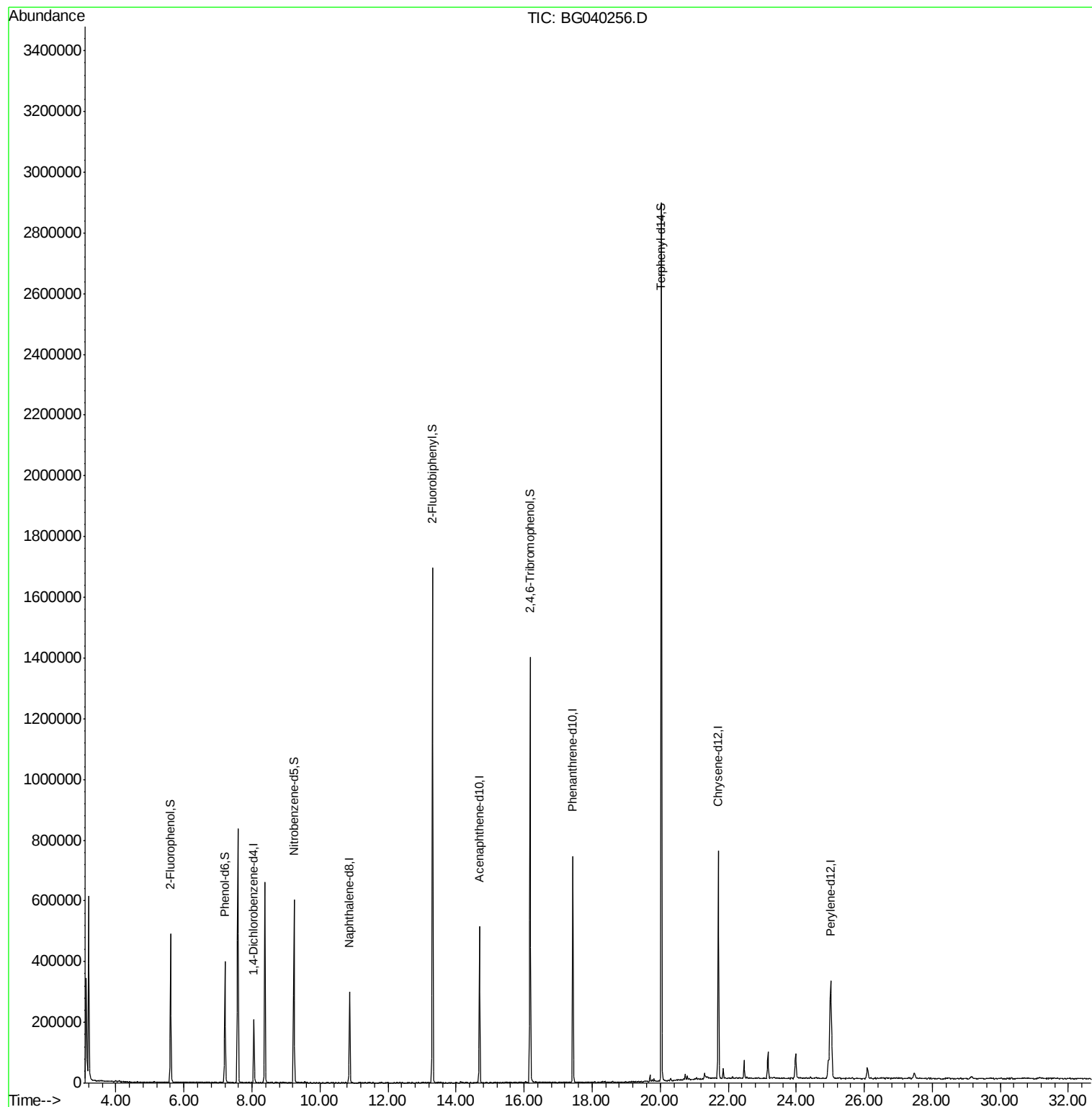
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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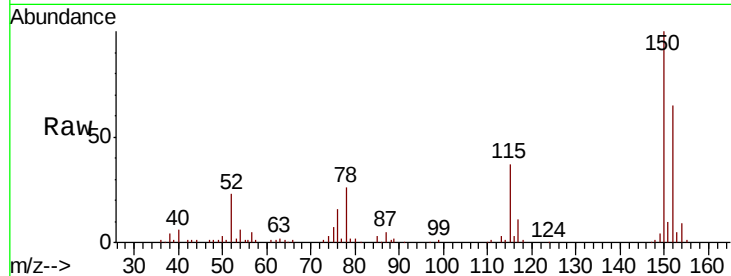


#1

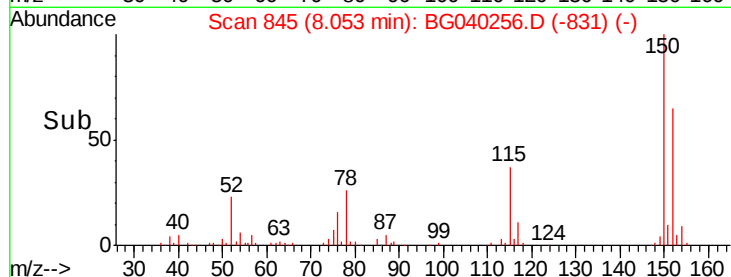
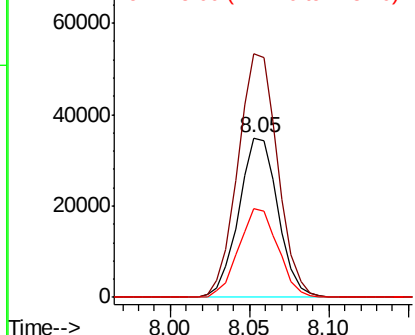
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040256.D
Acq: 30 Mar 2019 11:15

Instrument :
BNA_G
ClientSampleId :
W-2

Tgt Ion:152 Resp: 59856
Ion Ratio Lower Upper
152 100
150 152.8 123.7 185.5
115 56.1 46.9 70.3



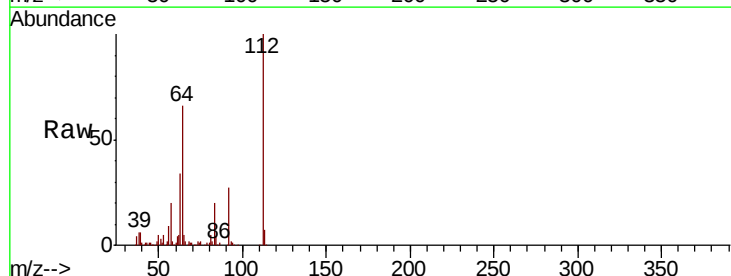
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



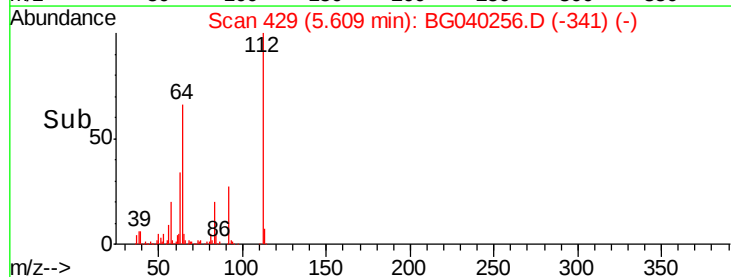
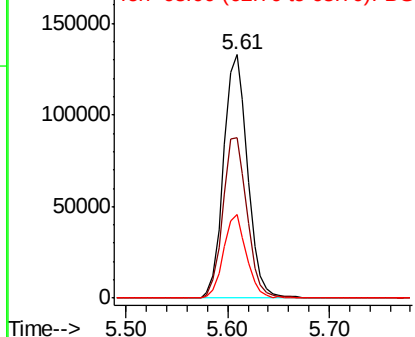
#5

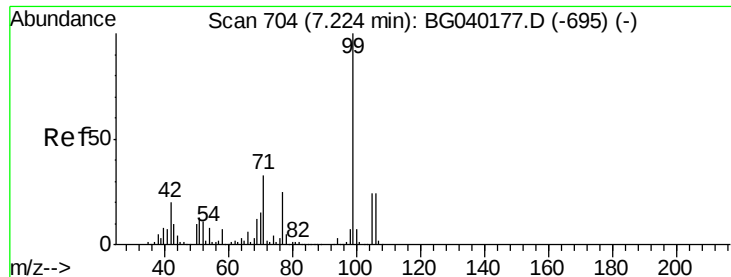
2-Fluorophenol
Concen: 60.634 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040256.D
Acq: 30 Mar 2019 11:15

Tgt Ion:112 Resp: 218316
Ion Ratio Lower Upper
112 100
64 66.1 54.2 81.2
63 34.4 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: 48.320 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040256.D

Acq: 30 Mar 2019 11:15

Instrument :

BNA_G

ClientSampleId :

W-2

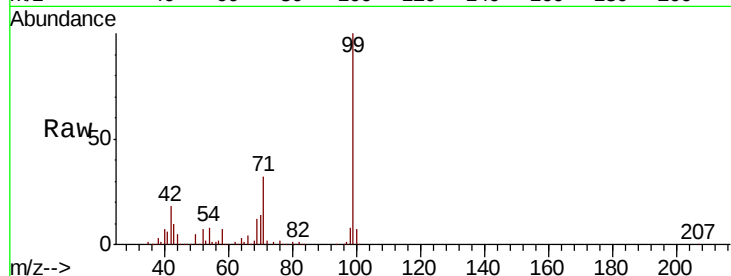
Tgt Ion: 99 Resp: 240441

Ion Ratio Lower Upper

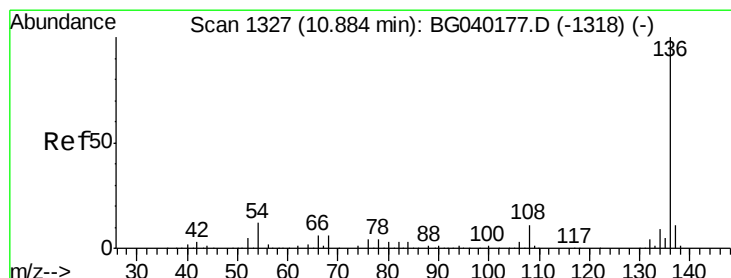
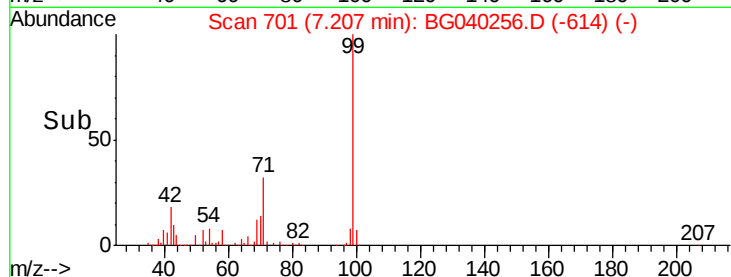
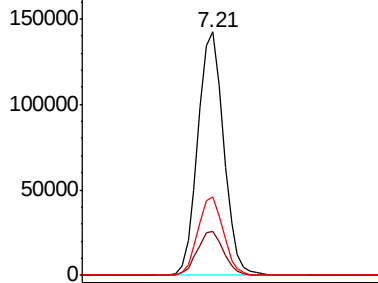
99 100

42 18.2 16.2 24.2

71 32.0 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: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040256.D

Acq: 30 Mar 2019 11:15

Tgt Ion: 136 Resp: 261308

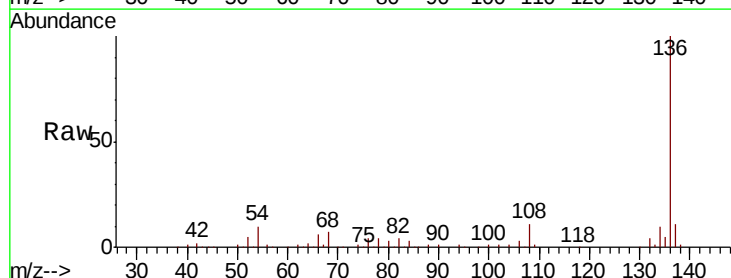
Ion Ratio Lower Upper

136 100

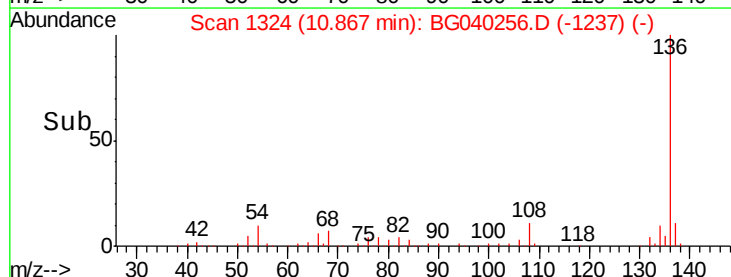
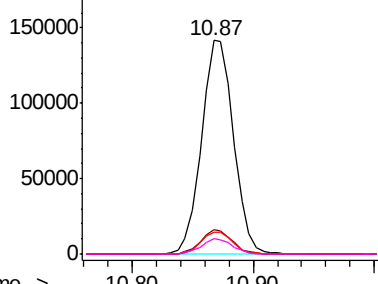
137 11.4 8.9 13.3

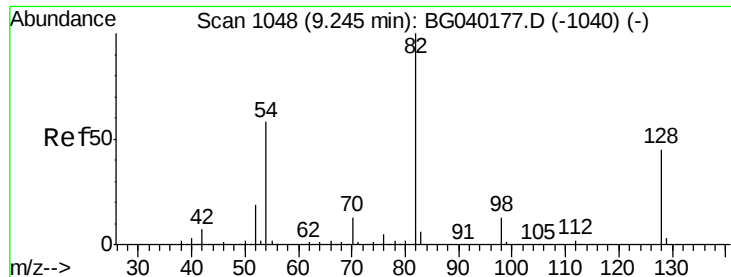
54 10.0 9.6 14.4

68 7.3 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

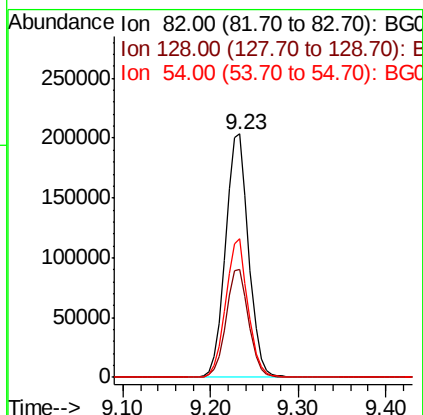
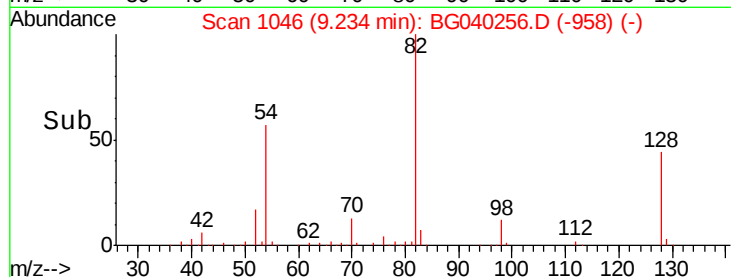
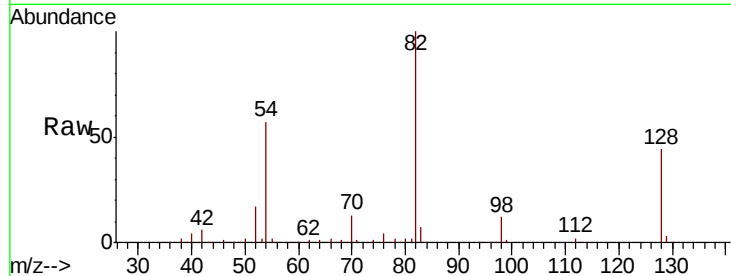




#23
Nitrobenzene-d5
Concen: 74.636 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040256.D
Acq: 30 Mar 2019 11:15

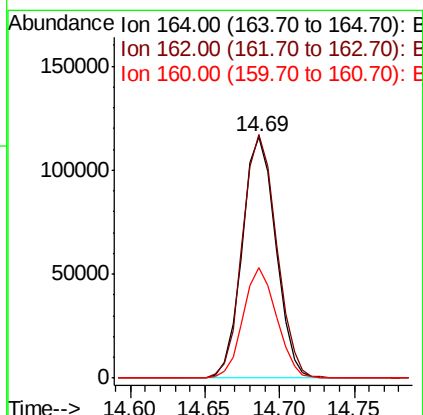
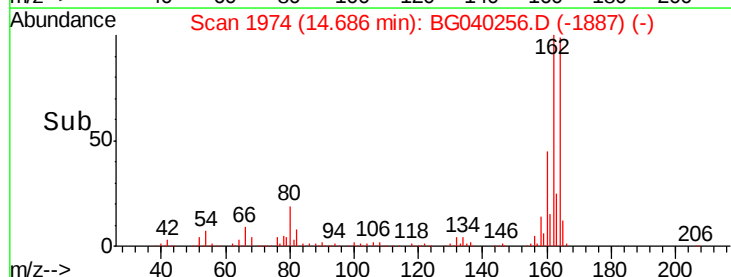
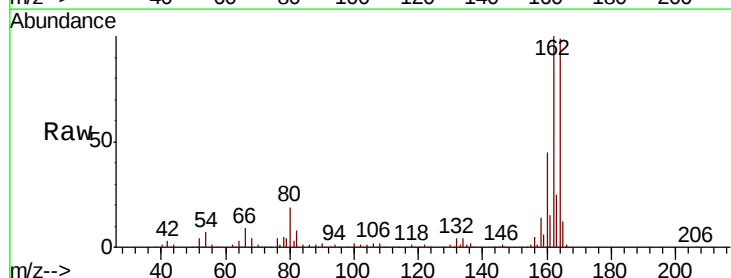
Instrument :
BNA_G
ClientSampleId :
W-2

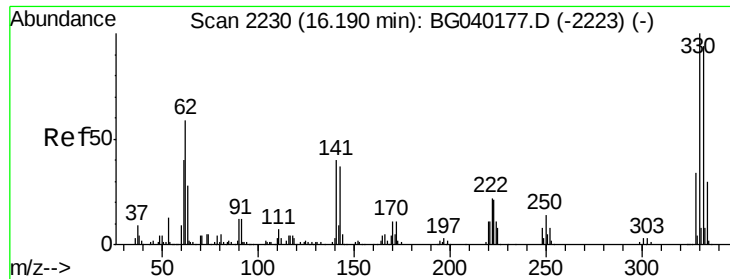
Tgt Ion: 82 Resp: 366918
Ion Ratio Lower Upper
82 100
128 44.4 35.8 53.8
54 57.0 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040256.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 164 Resp: 180377
Ion Ratio Lower Upper
164 100
162 100.8 77.4 116.2
160 45.8 35.3 52.9

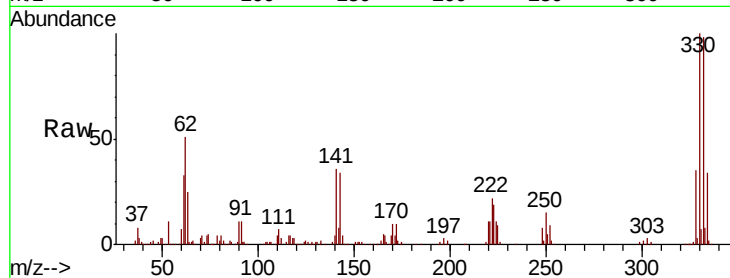




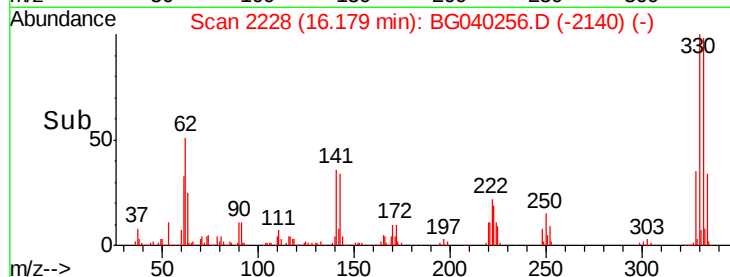
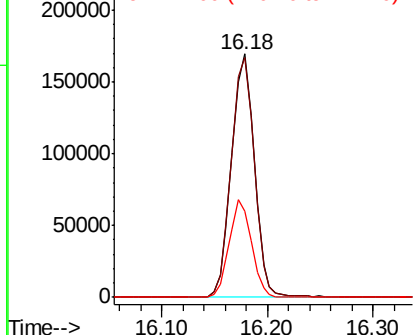
#42
 2,4,6-Tribromophenol
 Concen: 130.636 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG040256.D
 Acq: 30 Mar 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :
 W-2

Tgt Ion:330 Resp: 254663
 Ion Ratio Lower Upper
 330 100
 332 99.9 76.6 115.0
 141 39.1 32.6 48.8

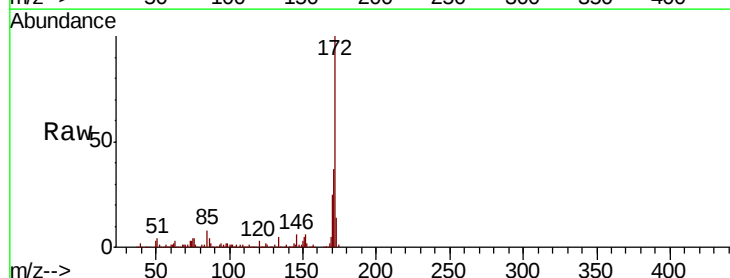


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

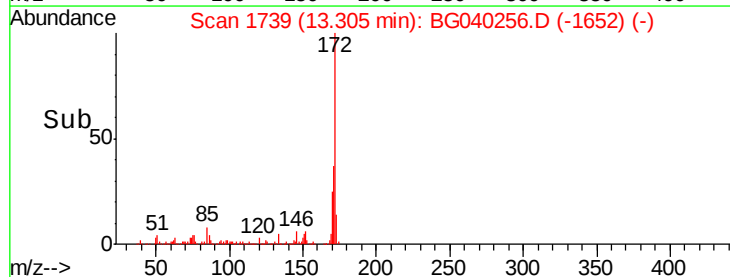
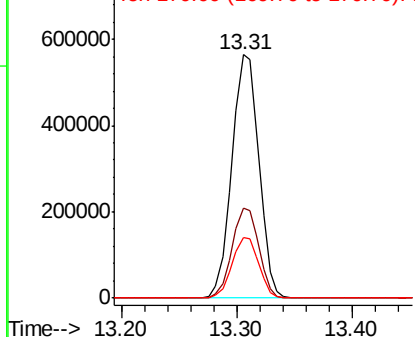


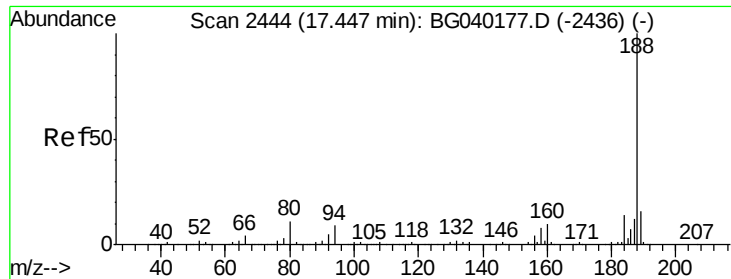
#45
 2-Fluorobiphenyl
 Concen: 74.908 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040256.D
 Acq: 30 Mar 2019 11:15

Tgt Ion:172 Resp: 911864
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 25.1 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: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040256.D

Acq: 30 Mar 2019 11:15

Instrument :

BNA_G

ClientSampleId :

W-2

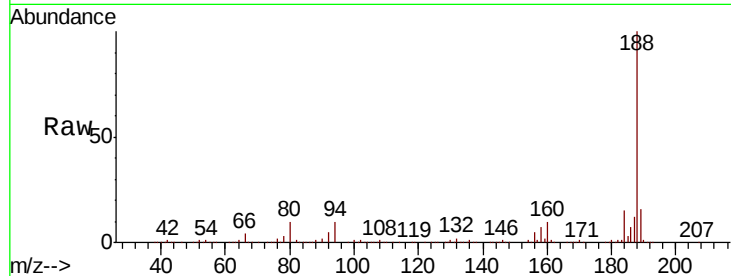
Tgt Ion:188 Resp: 454599

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

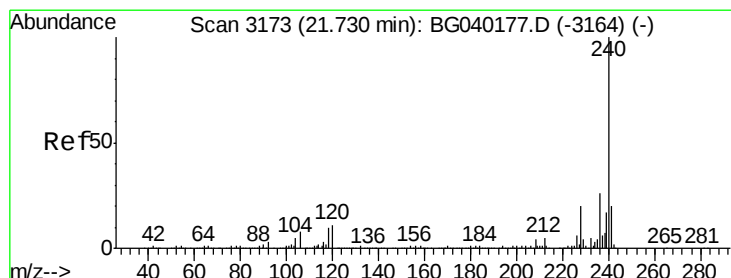
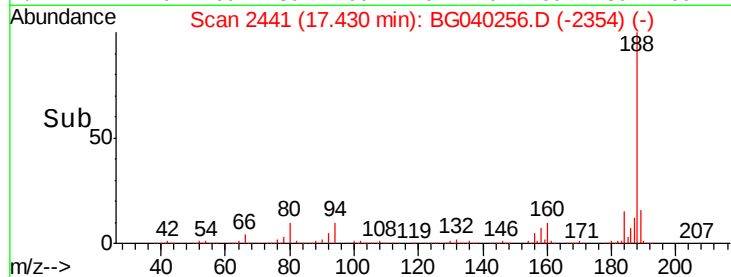
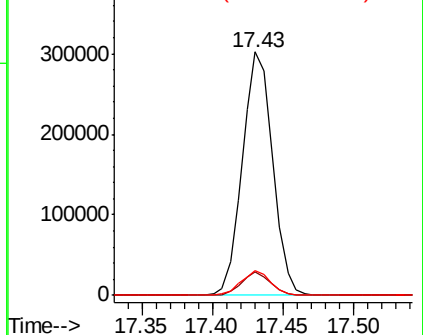
80 10.2 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040256.D

Acq: 30 Mar 2019 11:15

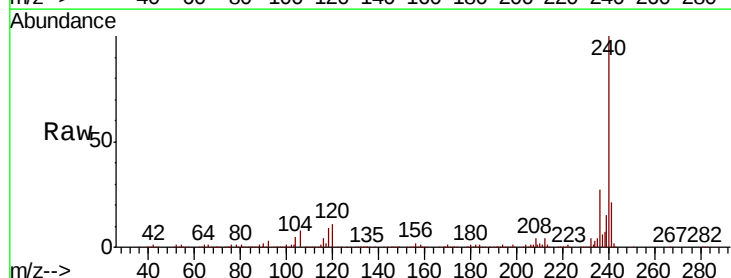
Tgt Ion:240 Resp: 453637

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

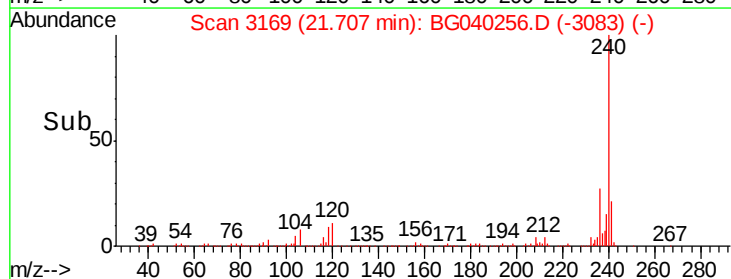
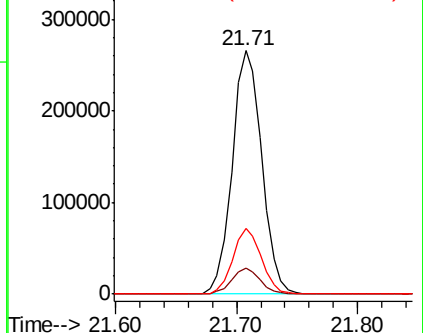
236 26.9 20.8 31.2



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: 73.825 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040256.D

Acq: 30 Mar 2019 11:15

Instrument :

BNA_G

ClientSampleId :

W-2

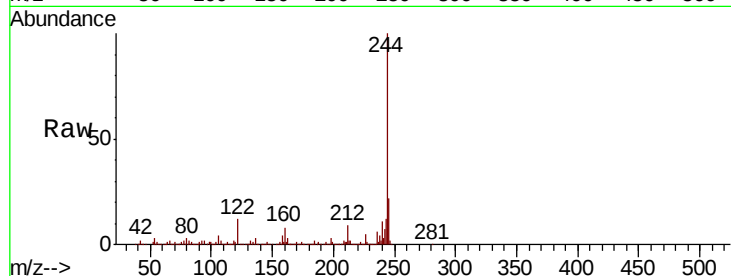
Tgt Ion:244 Resp: 1488659

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

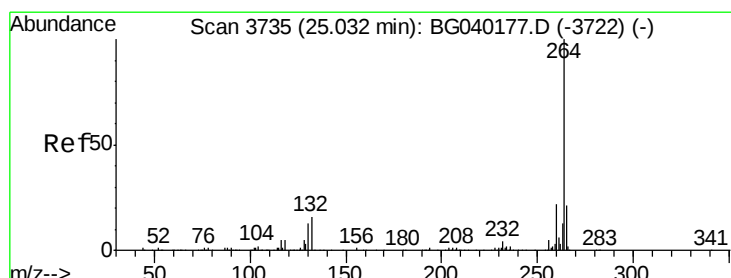
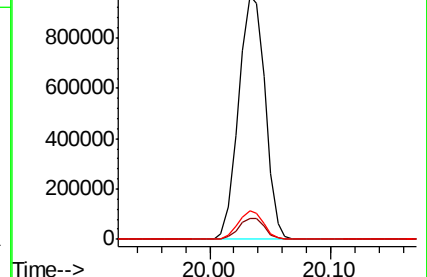
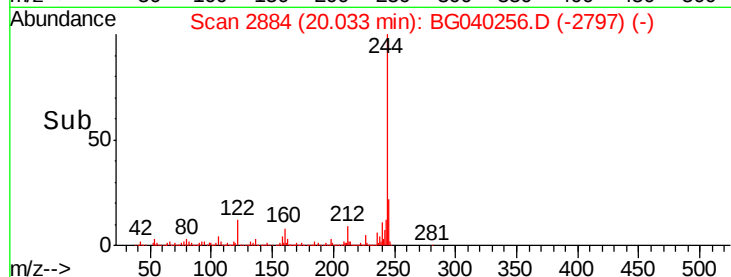
122 11.7 8.5 12.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040256.D

Acq: 30 Mar 2019 11:15

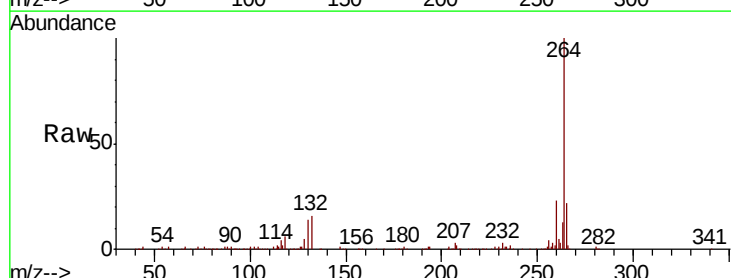
Tgt Ion:264 Resp: 455625

Ion Ratio Lower Upper

264 100

260 22.5 17.9 26.9

265 21.5 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

