

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040273.D
 Acq On : 1 Apr 2019 20:17
 Operator : JU/SJ
 Sample : K2173-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-3

Quant Time: Apr 02 02:56:24 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

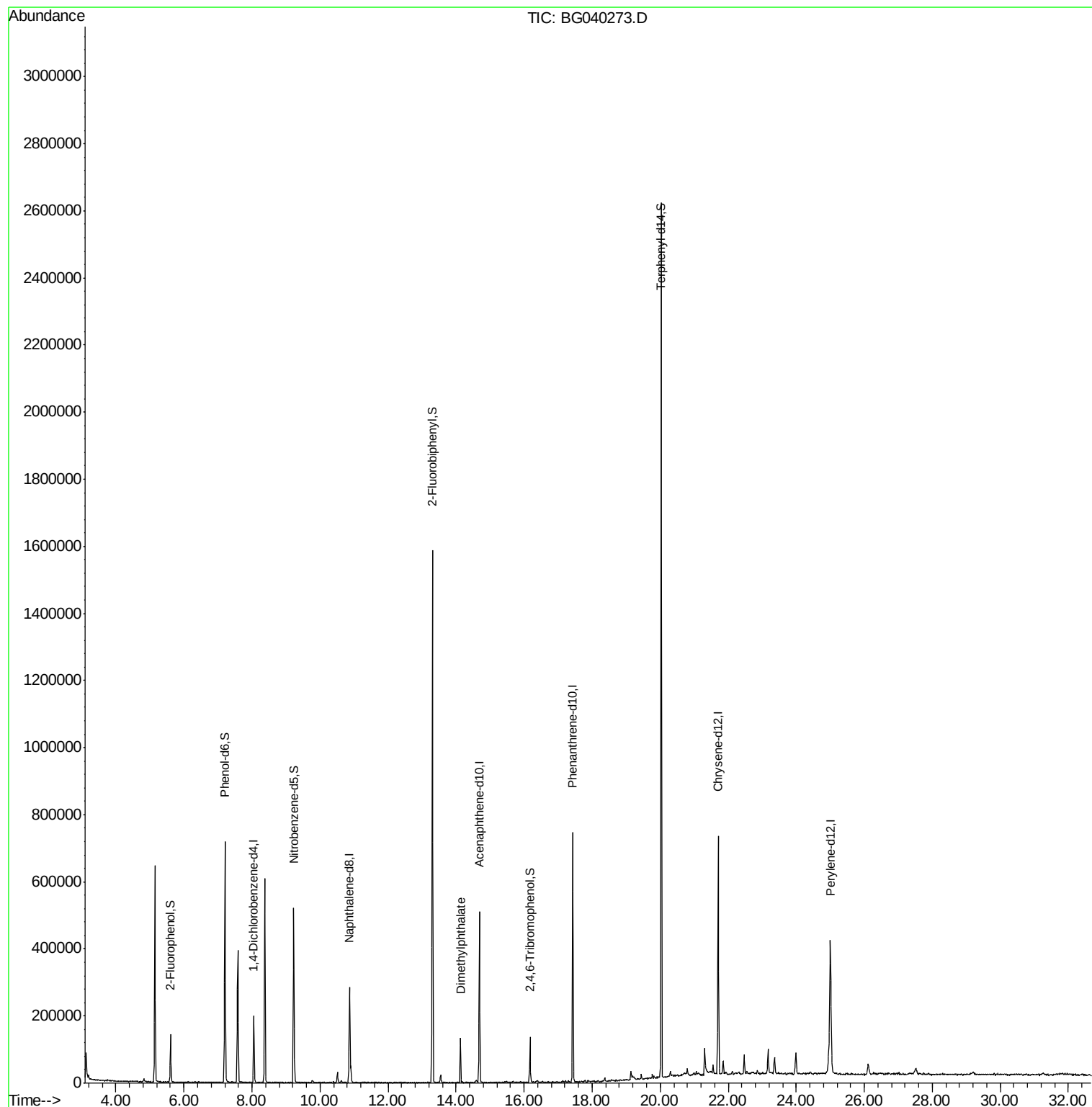
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56188	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	244763	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	176593	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	459532	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	433261	20.00	ng	-0.03
87) Perylene-d12	25.00	264	434329	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	65519	19.38	ng	-0.01
7) Phenol-d6	7.21	99	431119	92.30	ng	-0.02
23) Nitrobenzene-d5	9.23	82	316600	68.75	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	26910	14.10	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	821421	68.92	ng	-0.02
79) Terphenyl-d14	20.03	244	1263445	65.60	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.13	163	88048	6.371	ng	Qvalue # 98

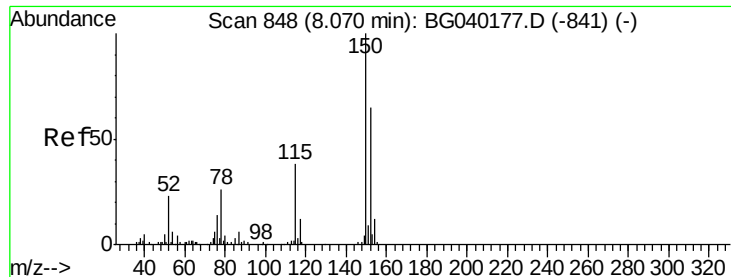
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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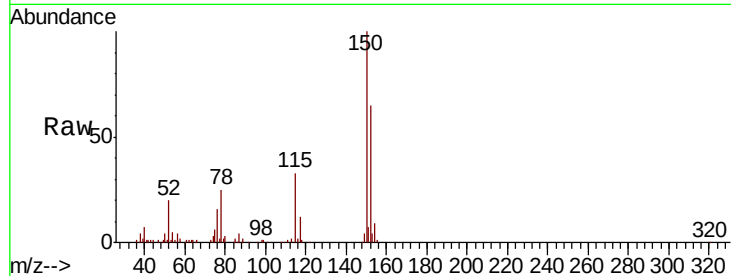


#1

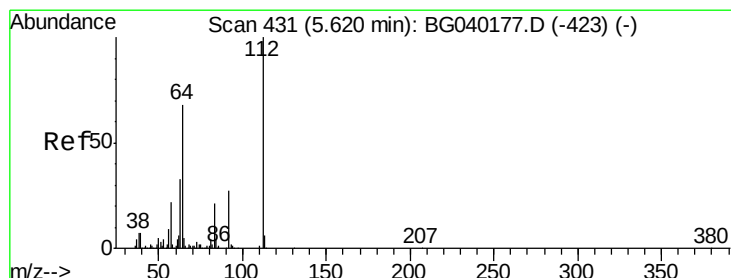
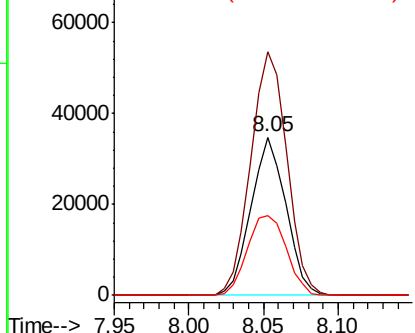
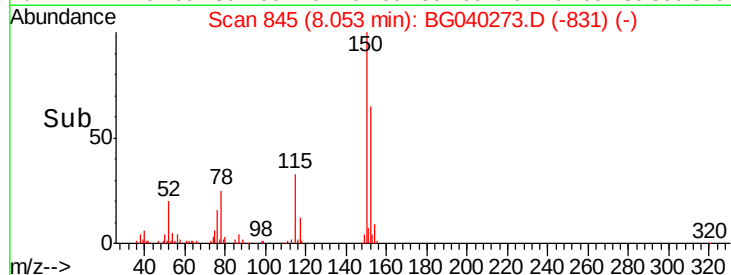
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

Instrument :
BNA_G
ClientSampleId :
T-3

Tgt Ion:152 Resp: 56188
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 50.0 46.9 70.3



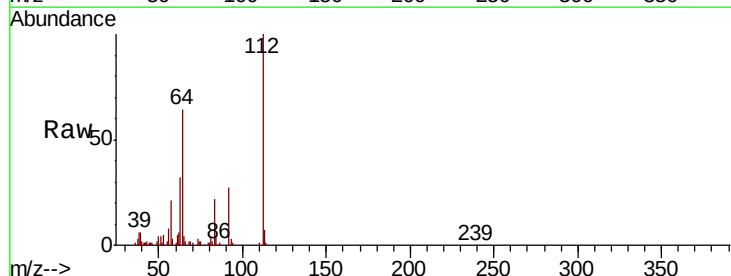
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



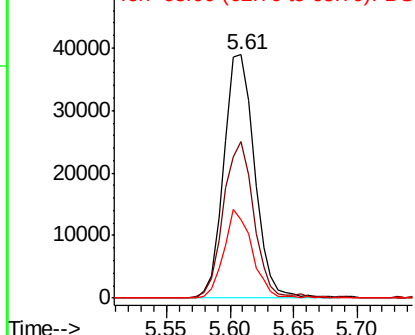
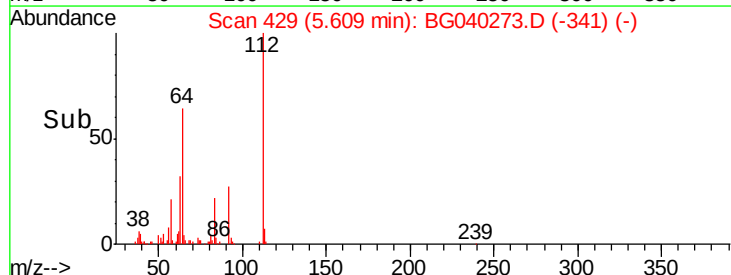
#5

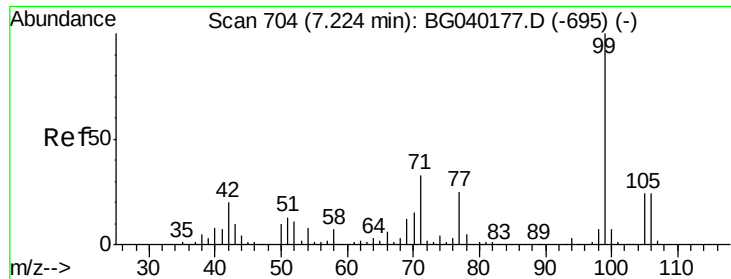
2-Fluorophenol
Concen: 19.385 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

Tgt Ion:112 Resp: 65519
Ion Ratio Lower Upper
112 100
64 64.4 54.2 81.2
63 32.3 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: 92.295 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040273.D

Acq: 1 Apr 2019 20:17

Instrument :

BNA_G

ClientSampleId :

T-3

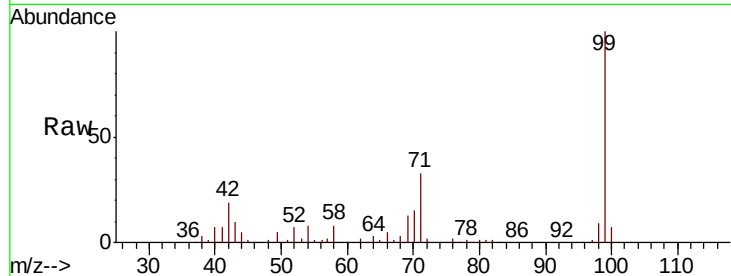
Tgt Ion: 99 Resp: 431119

Ion Ratio Lower Upper

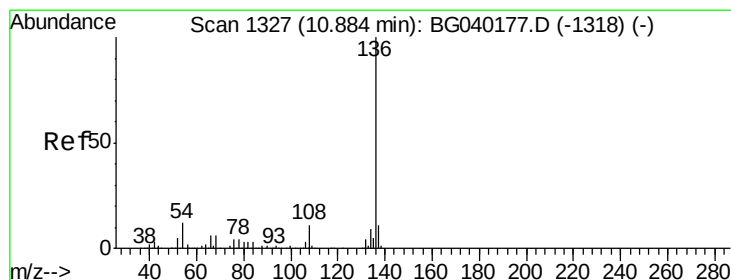
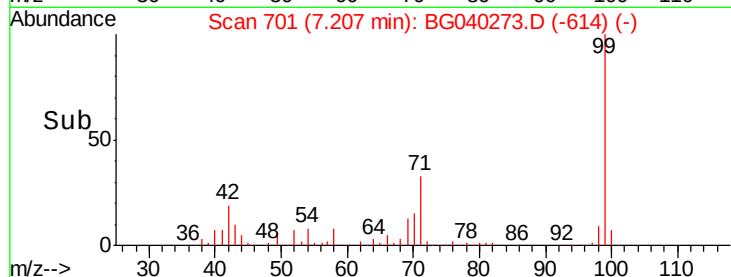
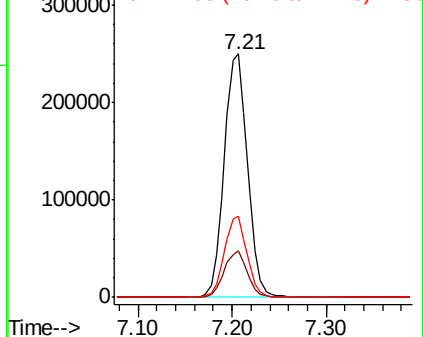
99 100

42 18.9 16.2 24.2

71 33.1 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: BG040273.D

Acq: 1 Apr 2019 20:17

Tgt Ion: 136 Resp: 244763

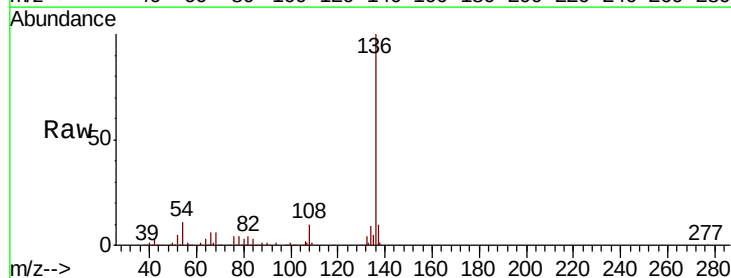
Ion Ratio Lower Upper

136 100

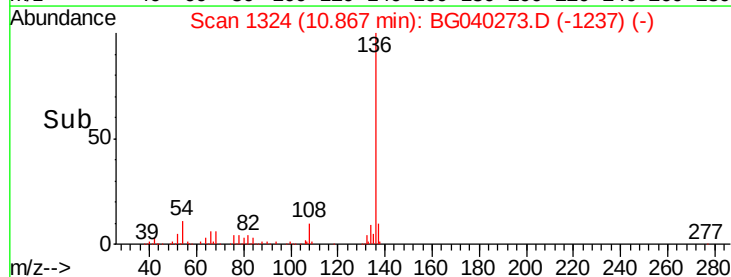
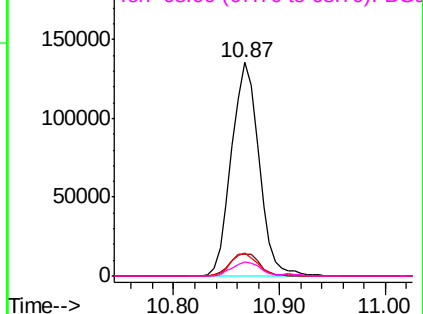
137 10.4 8.9 13.3

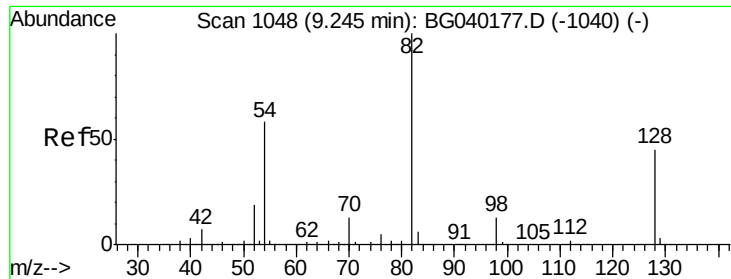
54 10.6 9.6 14.4

68 6.4 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

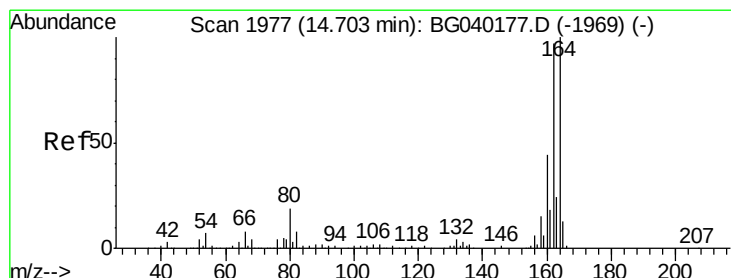
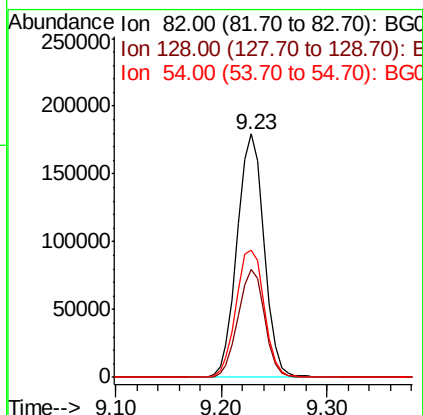
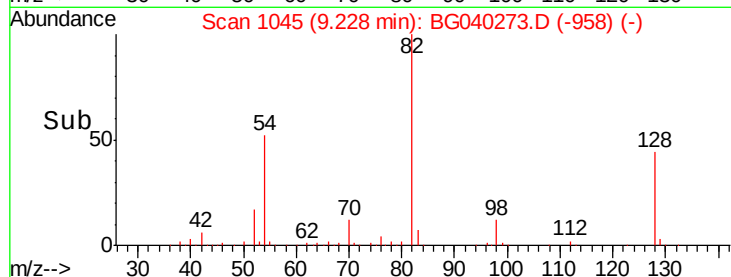
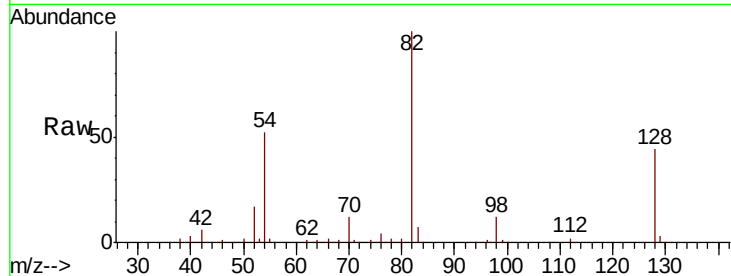




#23
Nitrobenzene-d5
Concen: 68.754 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

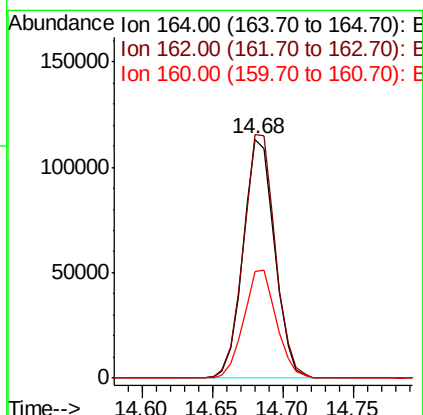
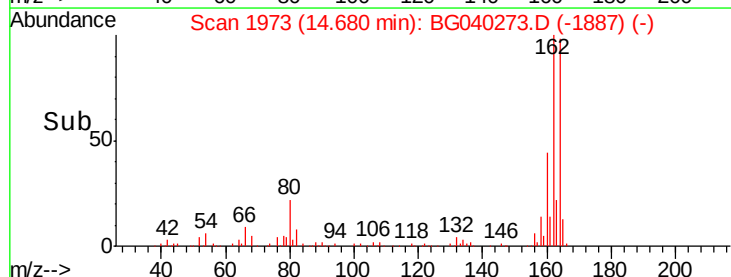
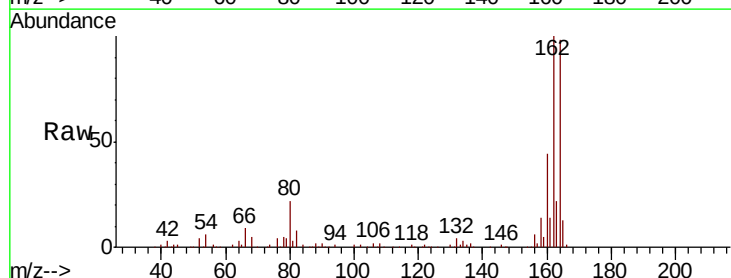
Instrument :
BNA_G
ClientSampled :
T-3

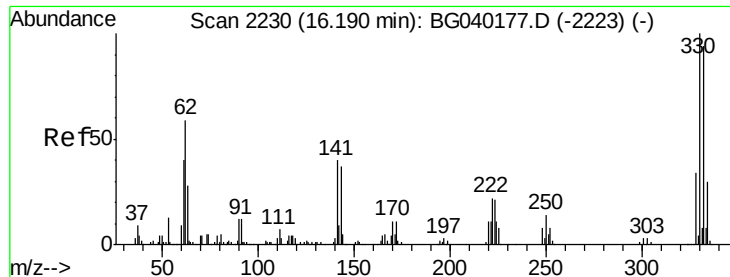
Tgt Ion: 82 Resp: 316600
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.8
54 52.4 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

Tgt Ion: 164 Resp: 176593
Ion Ratio Lower Upper
164 100
162 102.0 77.4 116.2
160 44.5 35.3 52.9

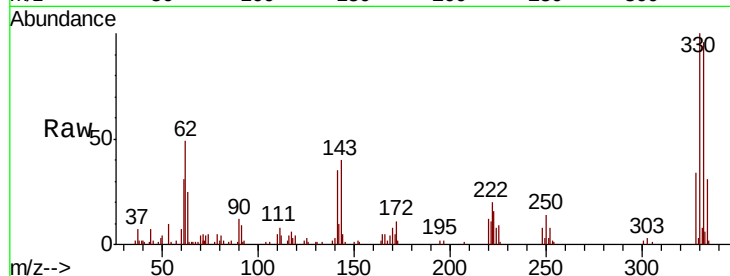




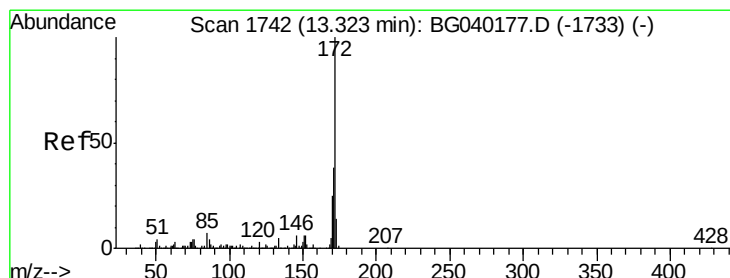
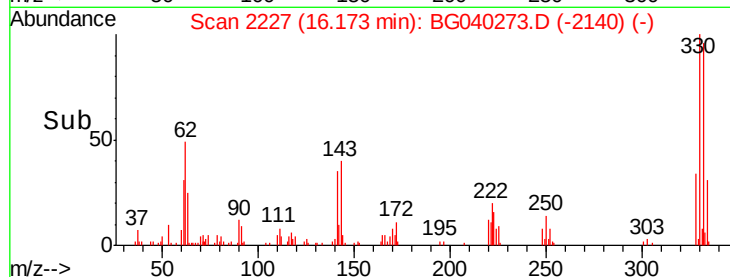
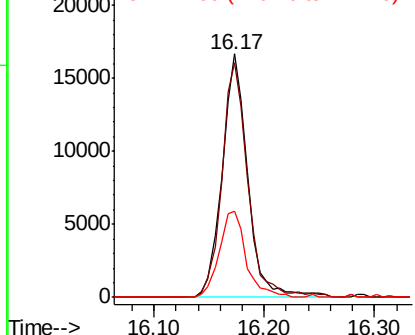
#42
 2,4,6-Tribromophenol
 Concen: 14.100 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040273.D
 Acq: 1 Apr 2019 20:17

Instrument :
 BNA_G
 ClientSampled :
 T-3

Tgt Ion:330 Resp: 26910
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 115.0
 141 36.8 32.6 48.8

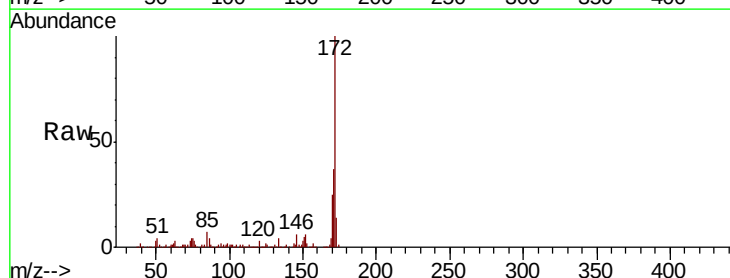


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

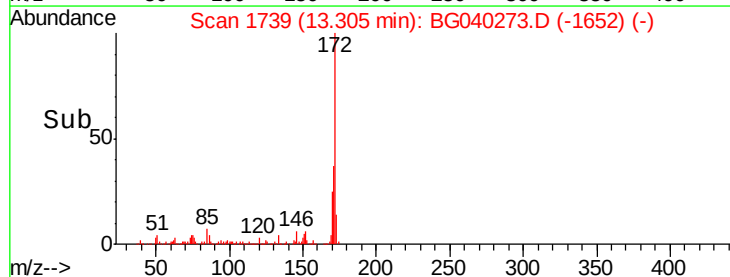
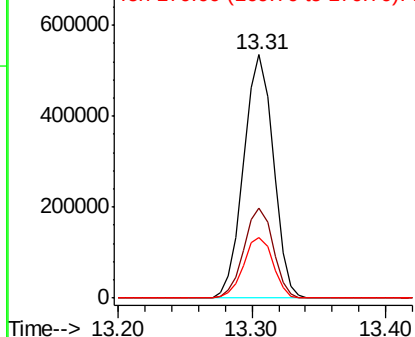


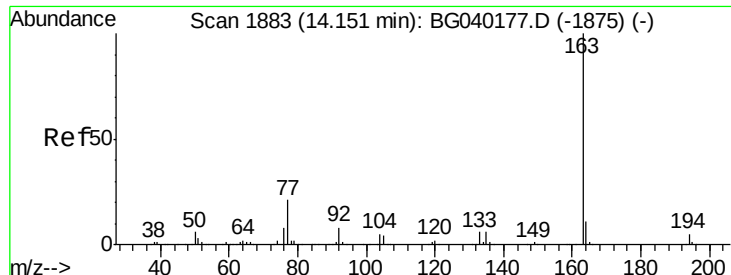
#45
 2-Fluorobiphenyl
 Concen: 68.924 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040273.D
 Acq: 1 Apr 2019 20:17

Tgt Ion:172 Resp: 821421
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.5 45.7
 170 24.7 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: 6.371 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040273.D

Acq: 1 Apr 2019 20:17

Instrument :

BNA_G

ClientSampleId :

T-3

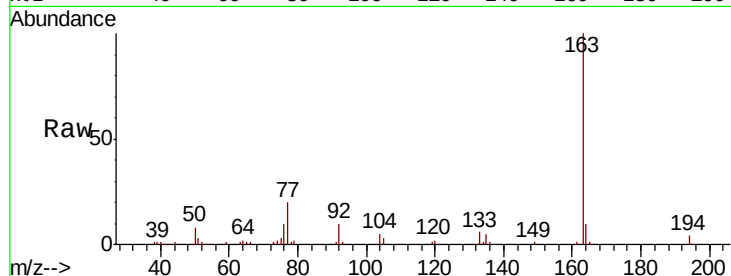
Tgt Ion:163 Resp: 88048

Ion Ratio Lower Upper

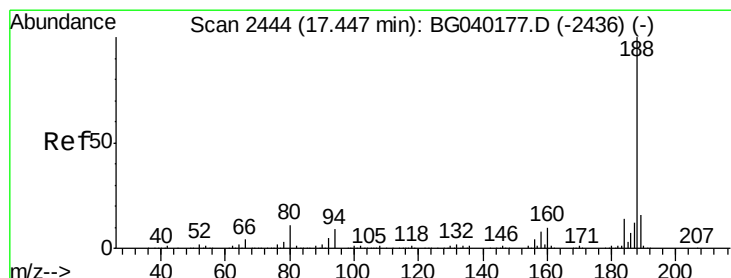
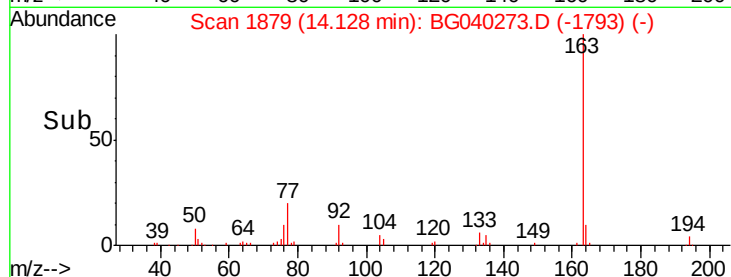
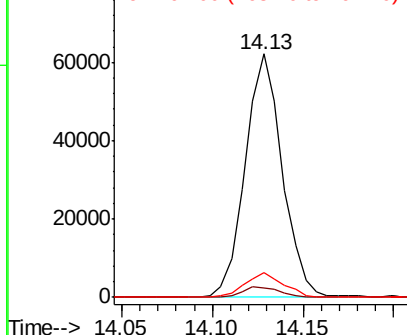
163 100

194 4.0 4.1 6.1#

164 10.3 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040273.D

Acq: 1 Apr 2019 20:17

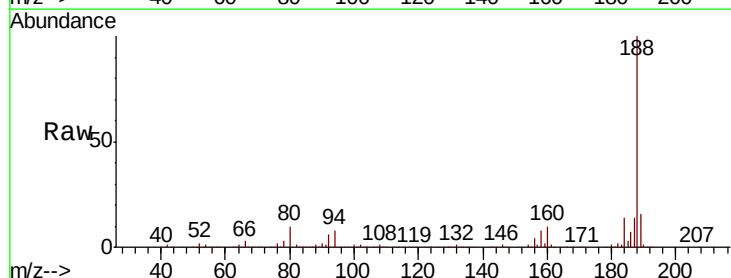
Tgt Ion:188 Resp: 459532

Ion Ratio Lower Upper

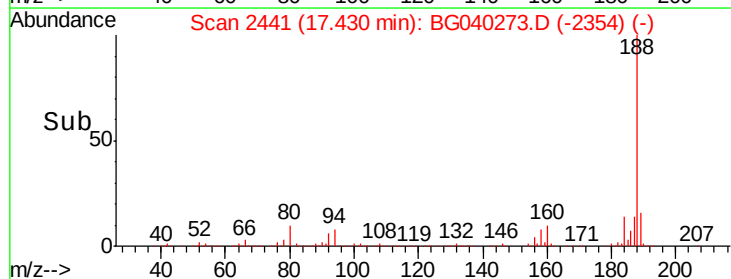
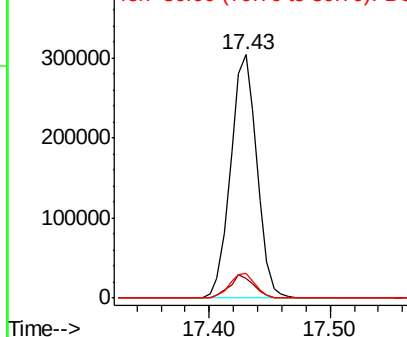
188 100

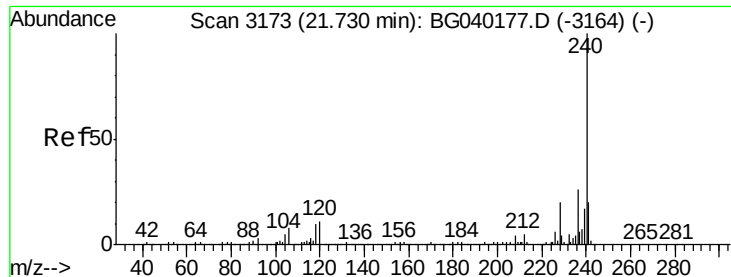
94 8.2 7.0 10.4

80 10.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.03 min

Lab File: BG040273.D

Acq: 1 Apr 2019 20:17

Instrument :

BNA_G

ClientSampleId :

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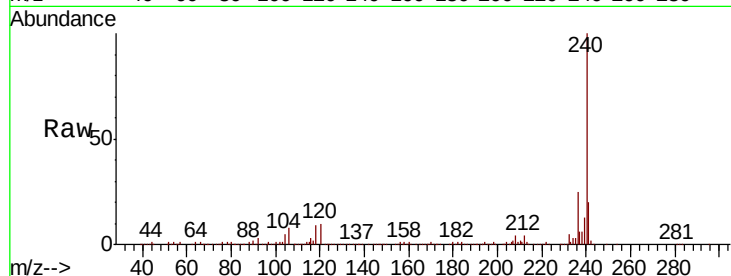
Tgt Ion:240 Resp: 433261

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

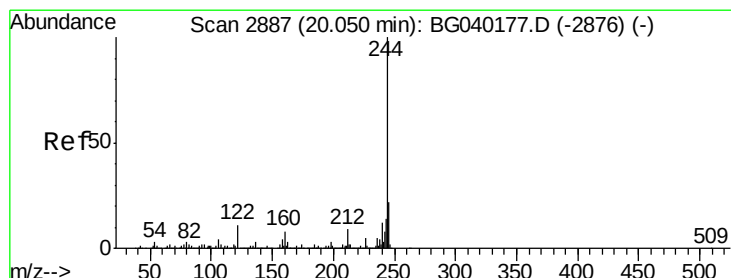
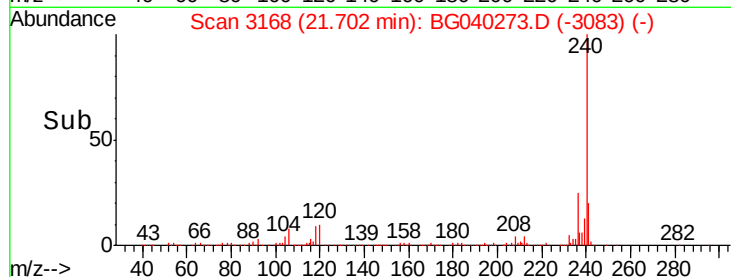
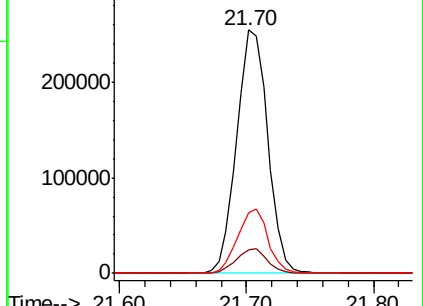
236 25.1 20.8 31.2



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: 65.603 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040273.D

Acq: 1 Apr 2019 20:17

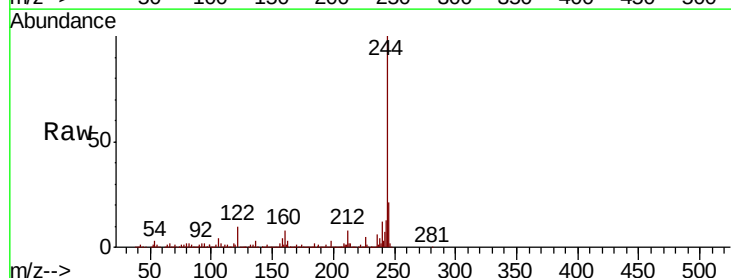
Tgt Ion:244 Resp: 1263445

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

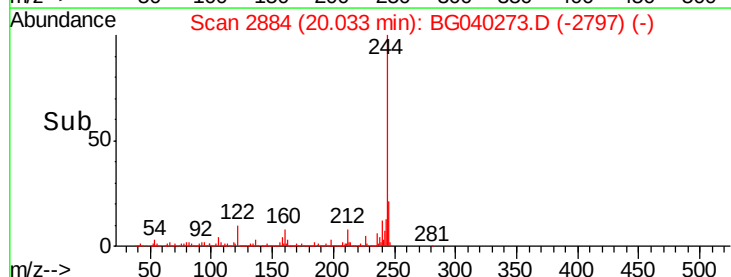
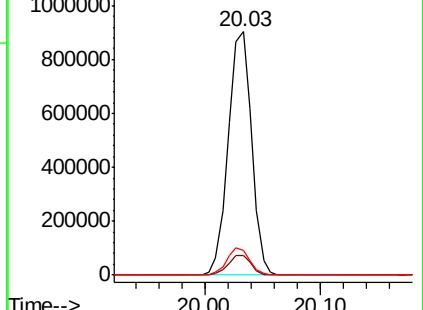
122 10.2 8.5 12.7

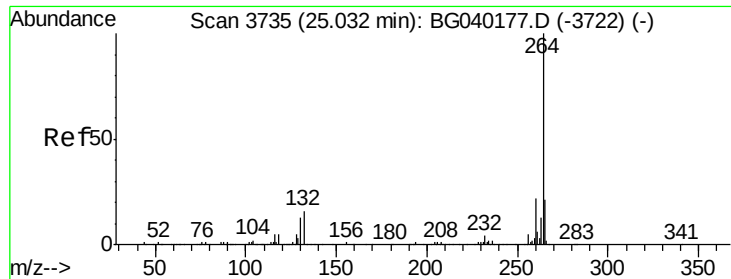


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

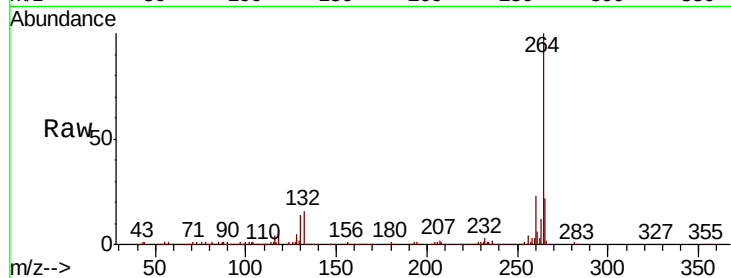




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.03 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 264 Resp: 434329
Ion Ratio Lower Upper
264 100
260 23.4 17.9 26.9
265 21.9 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
200000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

