

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040286.D
 Acq On : 2 Apr 2019 5:47
 Operator : JU/SJ
 Sample : PB118474TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118474TB

Quant Time: Apr 02 09:17:02 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	48839	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	207526	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	147062	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	389870	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	385619	20.00	ng	-0.02
87) Perylene-d12	25.01	264	382914	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	390996	133.09	ng	-0.01
7) Phenol-d6	7.21	99	553017	136.21	ng	-0.02
23) Nitrobenzene-d5	9.23	82	312034	79.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	225406	141.82	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	809193	81.53	ng	-0.02
79) Terphenyl-d14	20.03	244	1343734	78.39	ng	-0.02

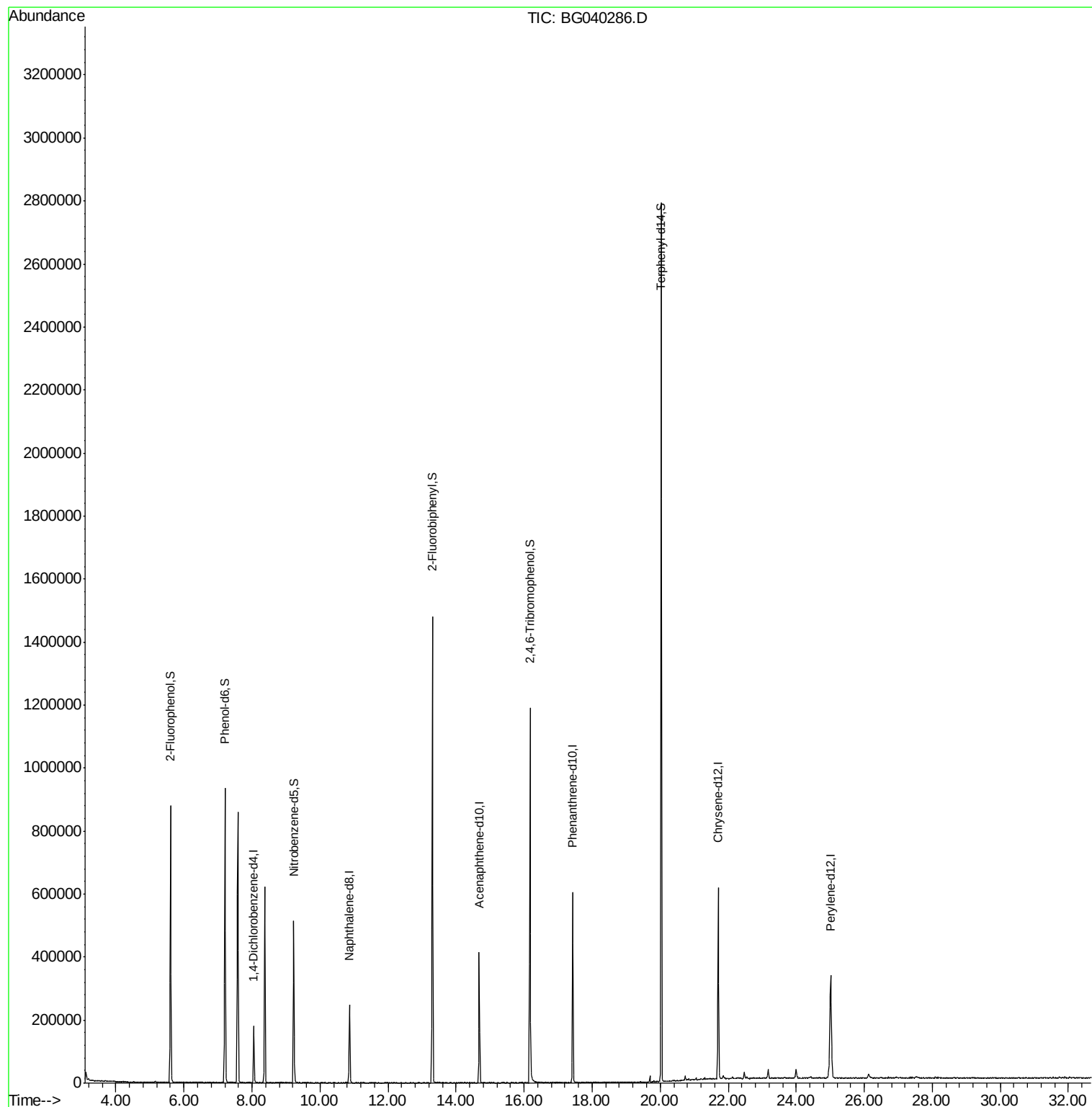
Target Compounds	Qvalue
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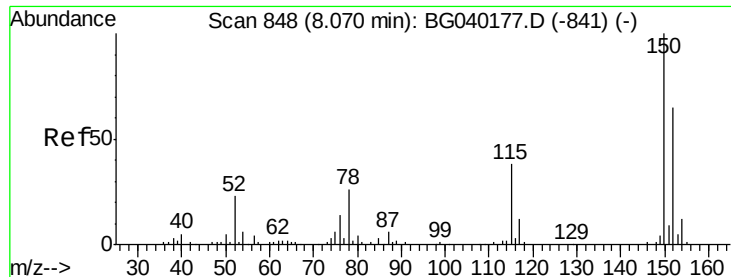
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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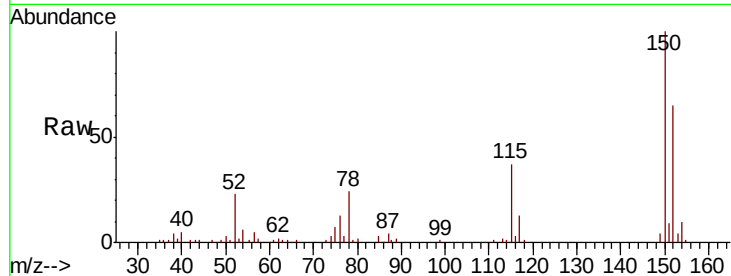


#1

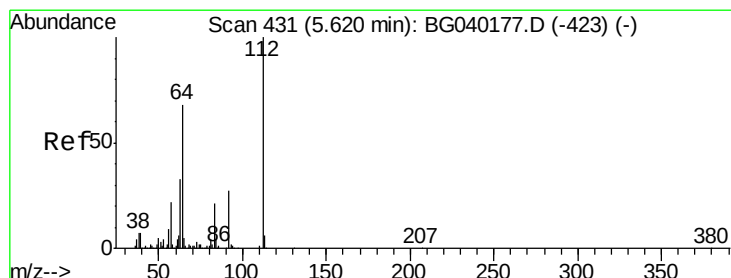
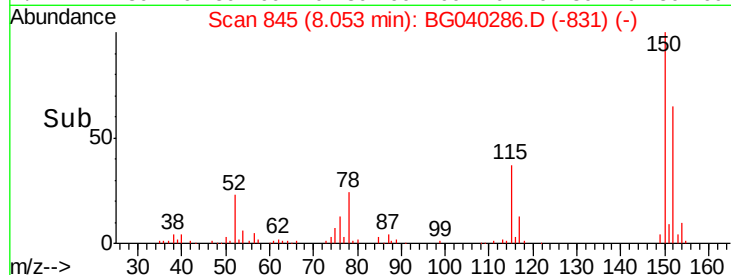
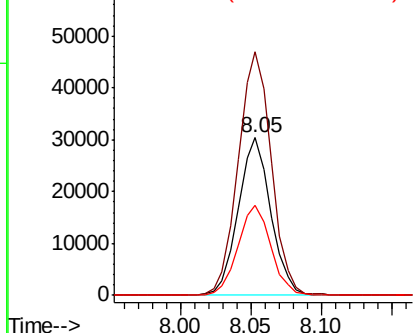
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040286.D
Acq: 2 Apr 2019 5:47

Instrument :
BNA_G
ClientSampleId :
PB118474TB

Tgt Ion:152 Resp: 48839
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 57.6 46.9 70.3



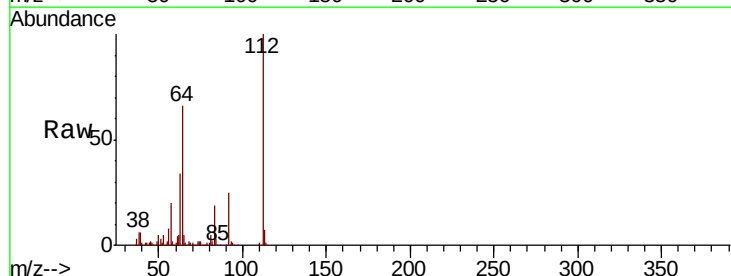
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



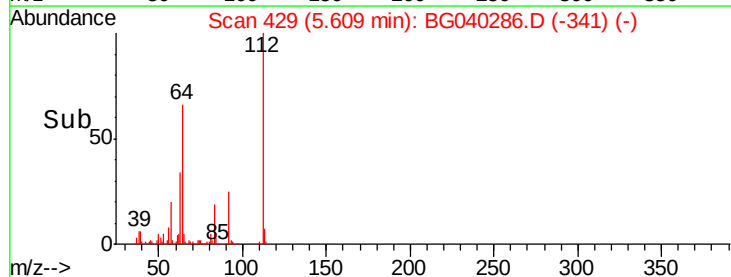
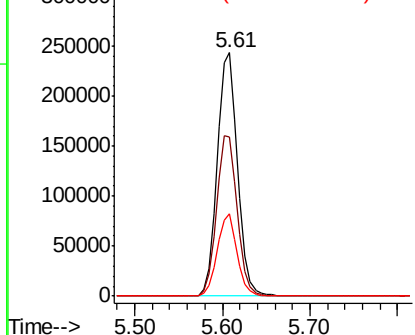
#5

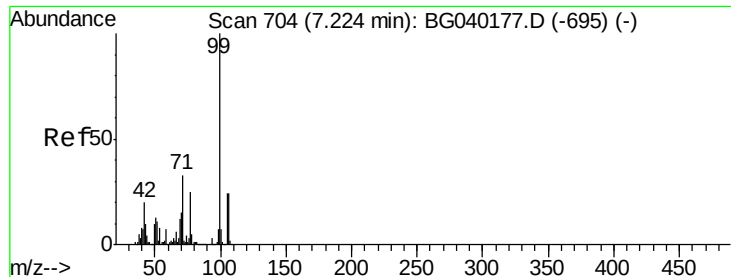
2-Fluorophenol
Concen: 133.090 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040286.D
Acq: 2 Apr 2019 5:47

Tgt Ion:112 Resp: 390996
Ion Ratio Lower Upper
112 100
64 65.5 54.2 81.2
63 33.8 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: 136.206 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040286.D

Acq: 2 Apr 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB118474TB

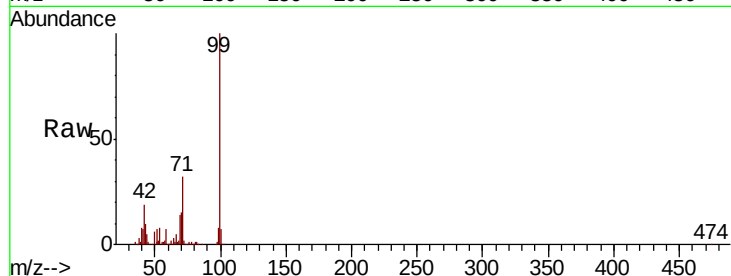
Tgt Ion: 99 Resp: 553017

Ion Ratio Lower Upper

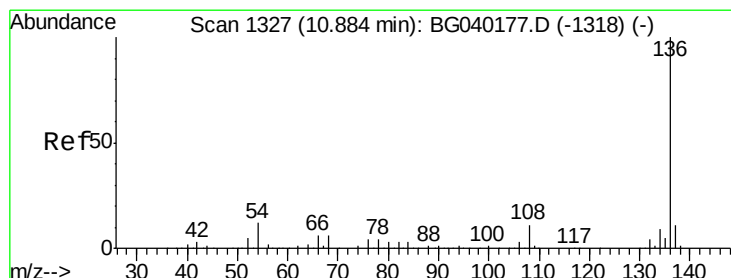
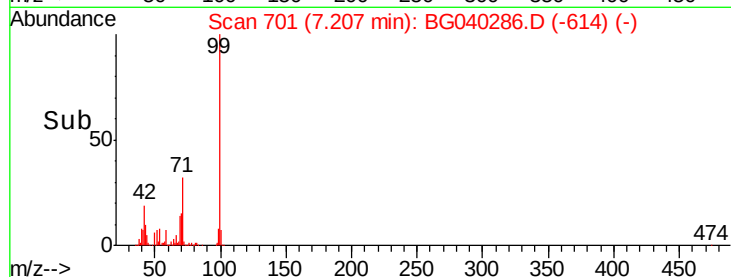
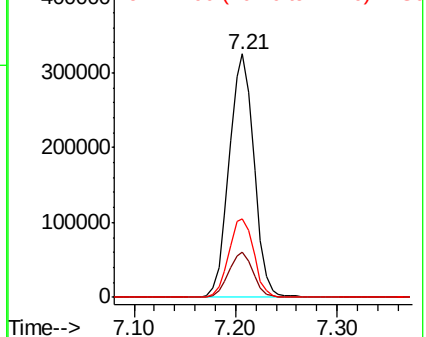
99 100

42 18.8 16.2 24.2

71 32.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040286.D

Acq: 2 Apr 2019 5:47

Tgt Ion: 136 Resp: 207526

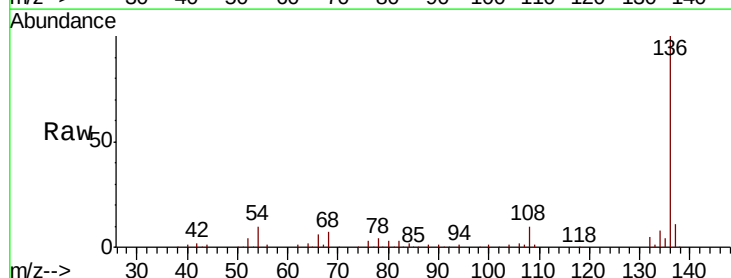
Ion Ratio Lower Upper

136 100

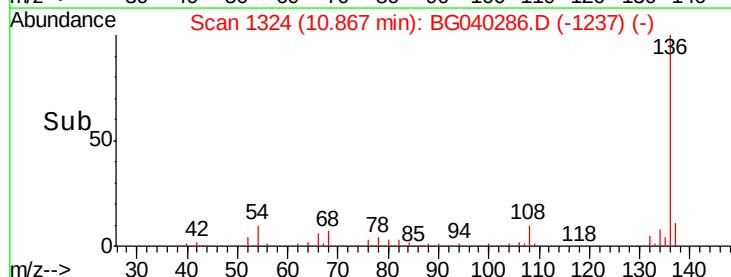
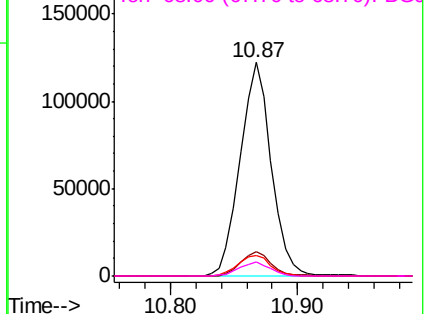
137 11.1 8.9 13.3

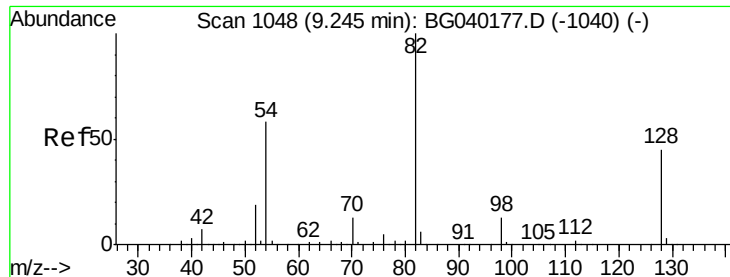
54 9.6 9.6 14.4

68 6.7 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

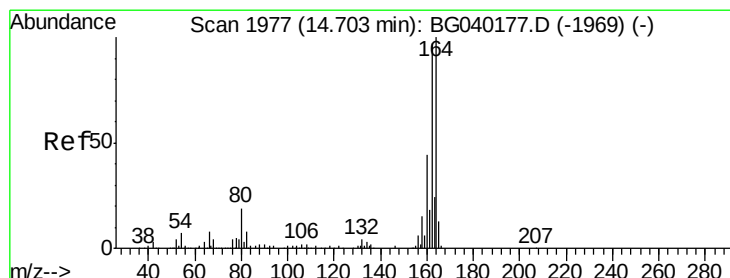
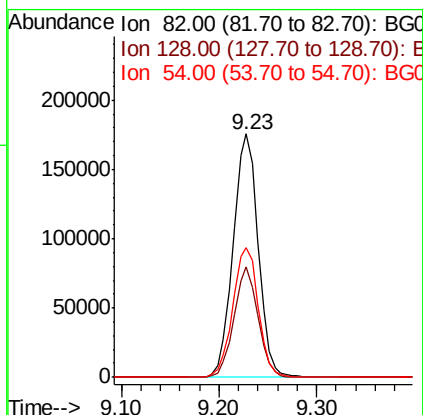
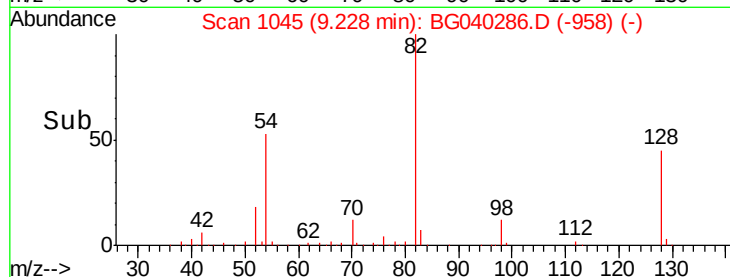
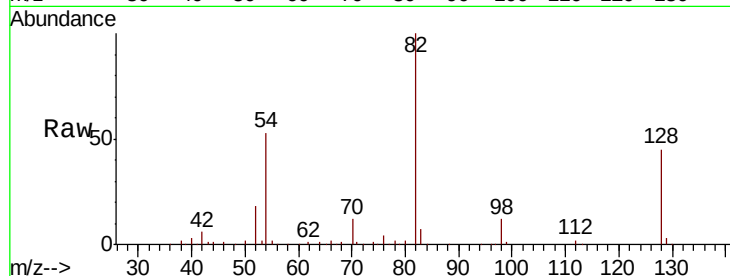




#23
 Nitrobenzene-d5
 Concen: 79.921 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040286.D
 Acq: 2 Apr 2019 5:47

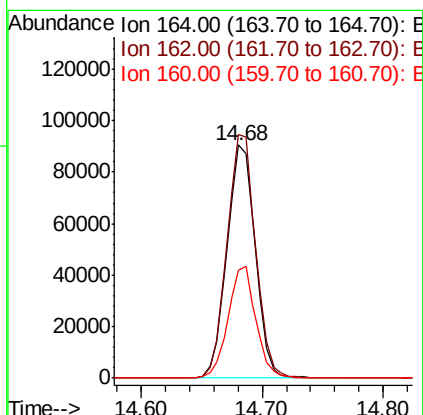
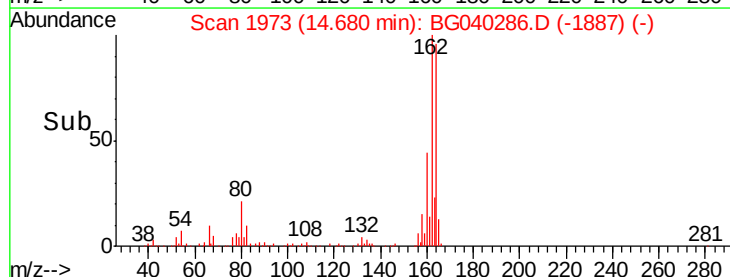
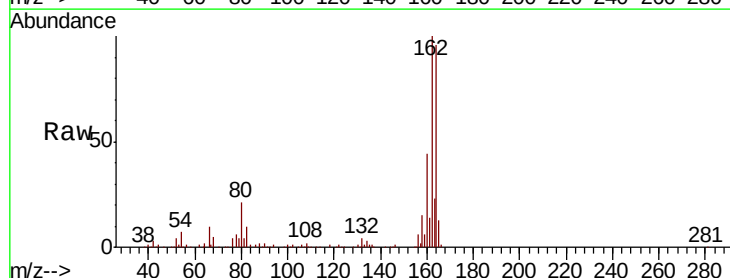
Instrument :
 BNA_G
 ClientSampleID :
 PB118474TB

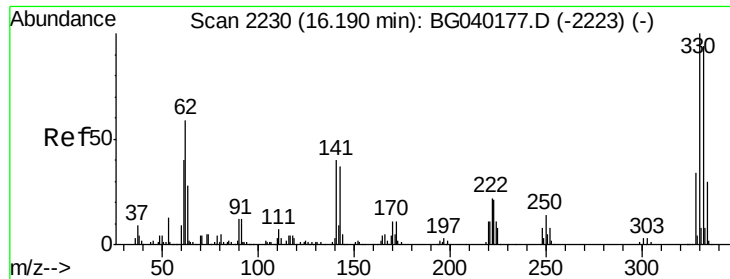
Tgt Ion: 82 Resp: 312034
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.8 53.8
 54 53.5 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040286.D
 Acq: 2 Apr 2019 5:47

Tgt Ion: 164 Resp: 147062
 Ion Ratio Lower Upper
 164 100
 162 104.5 77.4 116.2
 160 46.2 35.3 52.9

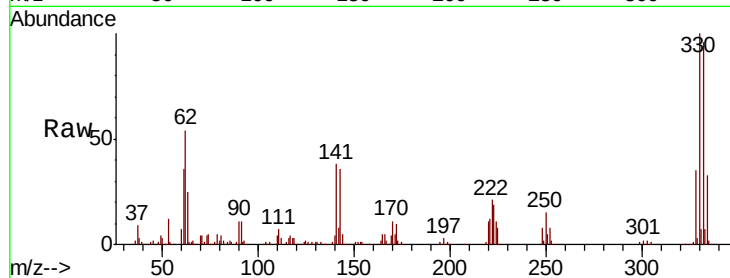




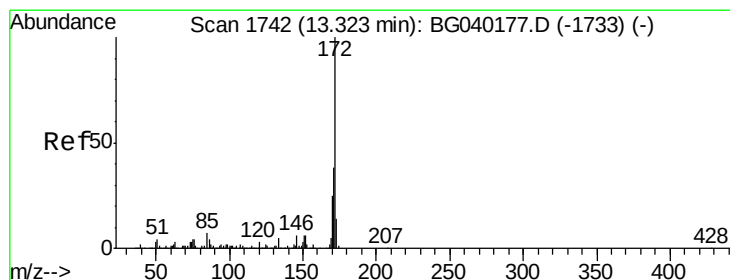
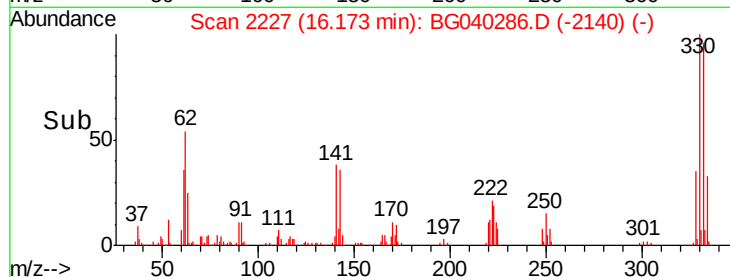
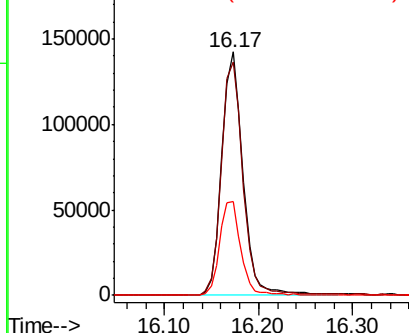
#42
 2,4,6-Tribromophenol
 Concen: 141.822 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040286.D
 Acq: 2 Apr 2019 5:47

Instrument :
 BNA_G
 ClientSampleId :
 PB118474TB

Tgt Ion:330 Resp: 225406
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 38.7 32.6 48.8

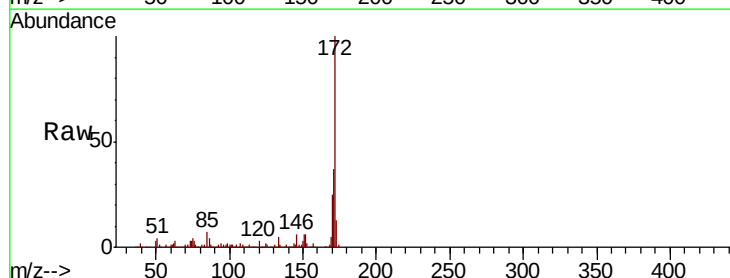


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

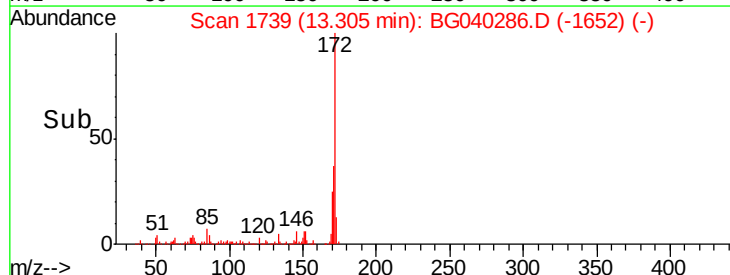
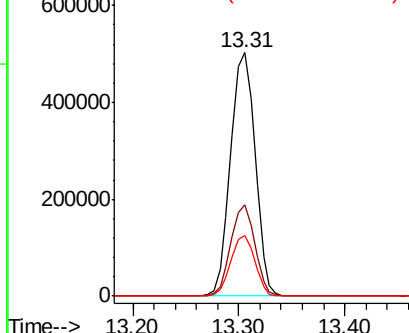


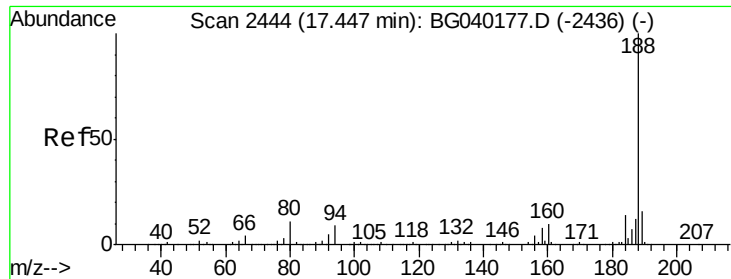
#45
 2-Fluorobiphenyl
 Concen: 81.532 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040286.D
 Acq: 2 Apr 2019 5:47

Tgt Ion:172 Resp: 809193
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.5 45.7
 170 24.9 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

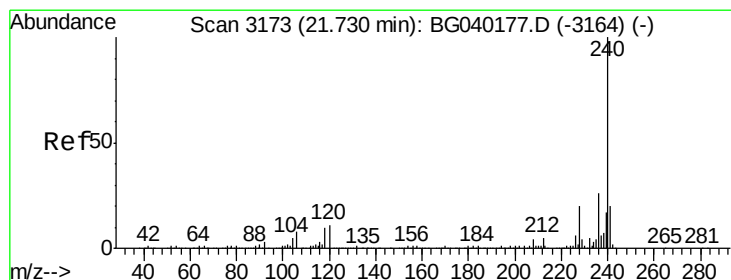
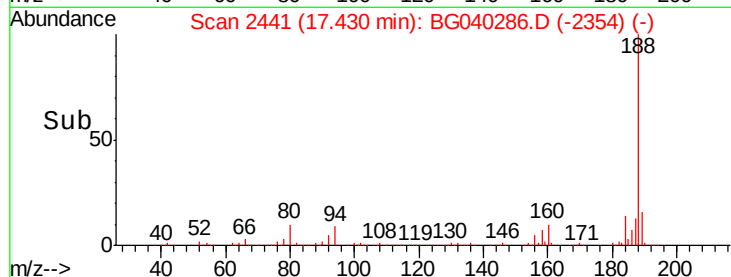
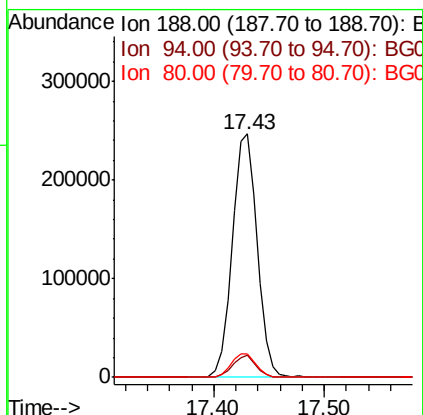
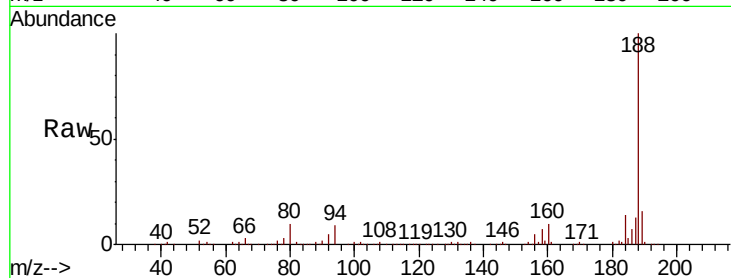




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040286.D
Acq: 2 Apr 2019 5:47

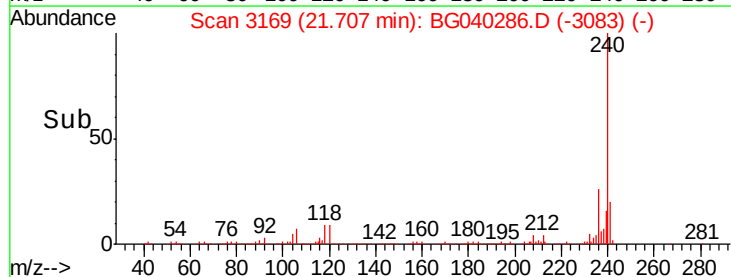
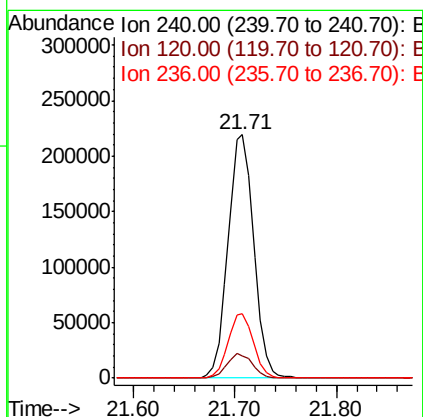
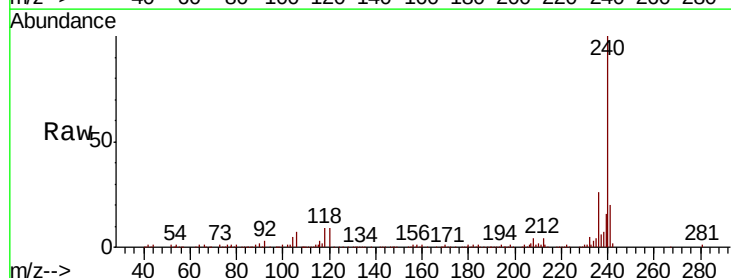
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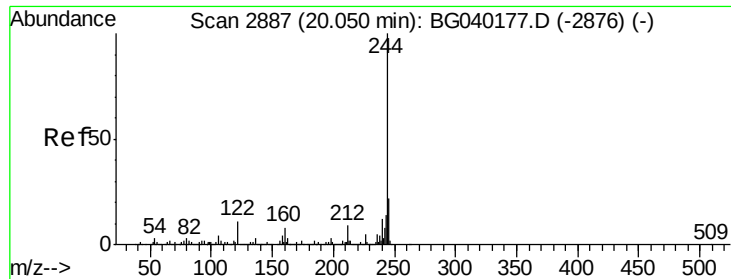
Tgt Ion:188 Resp: 389870
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.9 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040286.D
Acq: 2 Apr 2019 5:47

Tgt Ion:240 Resp: 385619
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 26.5 20.8 31.2





#79

Terphenyl-d14

Concen: 78.392 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040286.D

Acq: 2 Apr 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB118474TB

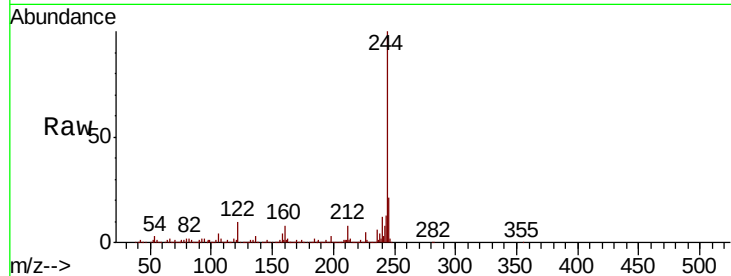
Tgt Ion:244 Resp: 1343734

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

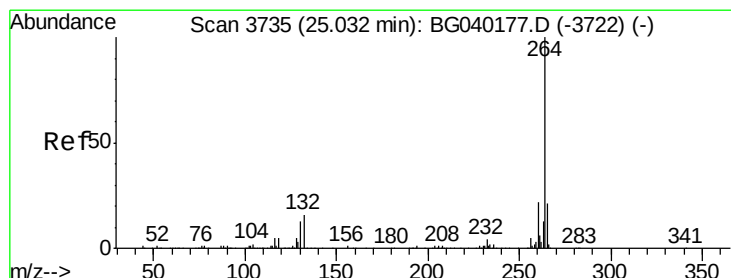
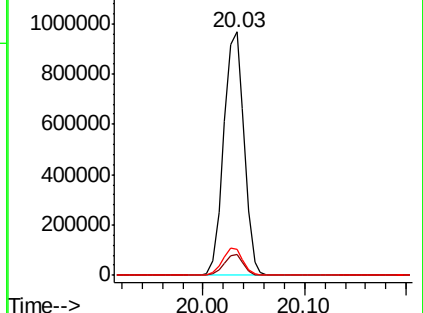
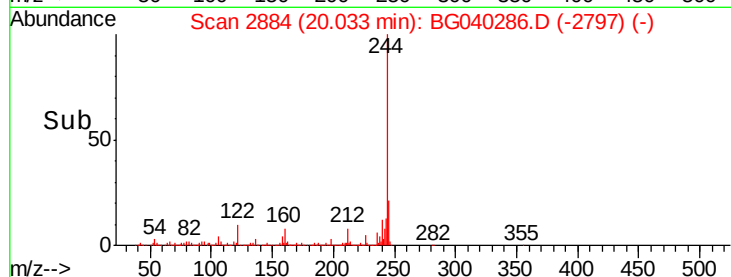
122 10.5 8.5 12.7



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: BG040286.D

Acq: 2 Apr 2019 5:47

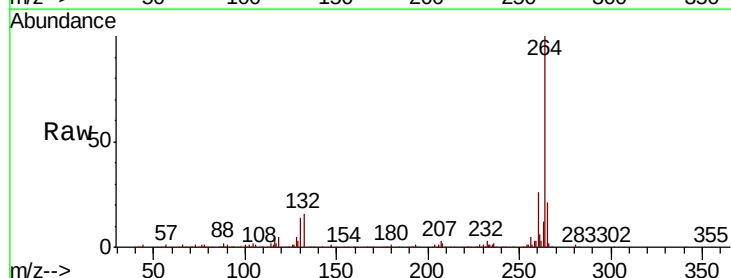
Tgt Ion:264 Resp: 382914

Ion Ratio Lower Upper

264 100

260 25.6 17.9 26.9

265 21.3 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

