

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040276.D
 Acq On : 1 Apr 2019 22:17
 Operator : JU/SJ
 Sample : K2115-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW30S-GW

Quant Time: Apr 02 04:35:40 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

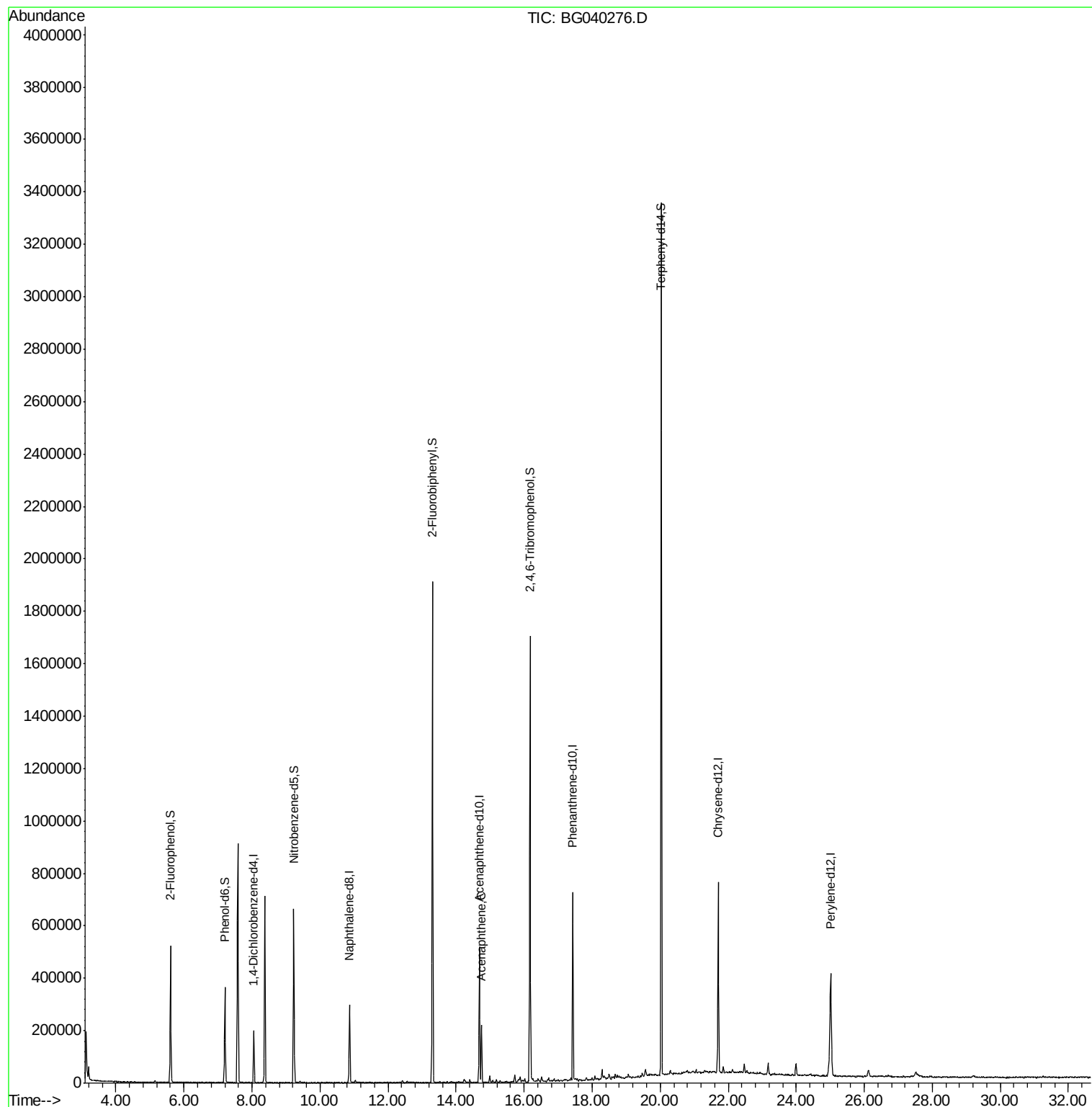
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56557	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	249714	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	176971	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	438364	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	426165	20.00	ng	-0.02
87) Perylene-d12	25.01	264	430930	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	236282	69.45	ng	-0.02
7) Phenol-d6	7.20	99	222736	47.37	ng	-0.02
23) Nitrobenzene-d5	9.23	82	404593	86.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	305751	159.86	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1006612	84.28	ng	-0.02
79) Terphenyl-d14	20.03	244	1527958	80.66	ng	-0.02
Target Compounds						
52) Acenaphthene	14.74	154	79618	7.641	ng	Qvalue 98

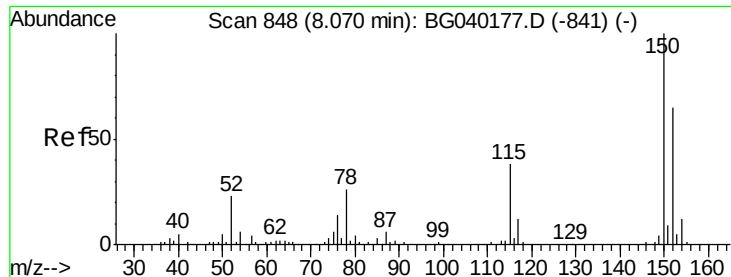
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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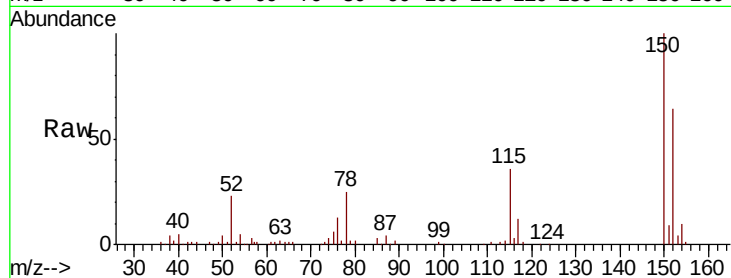


#1

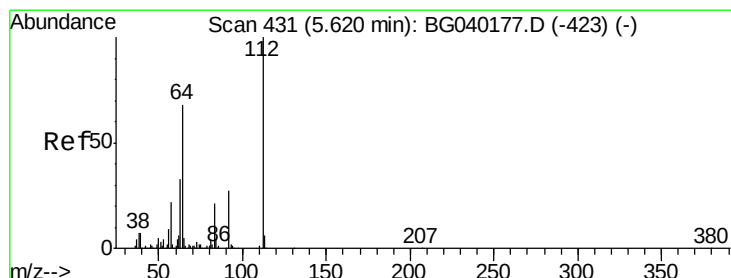
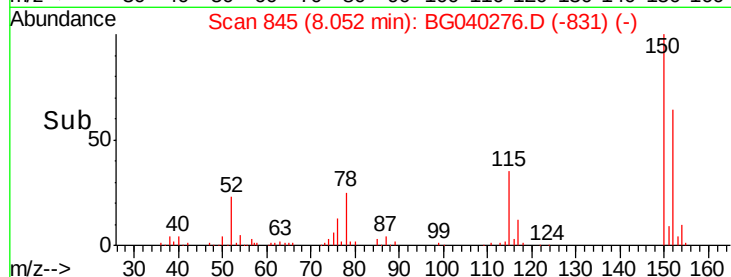
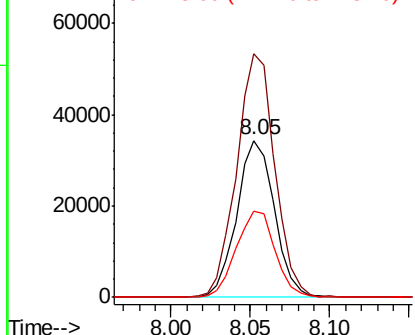
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040276.D
Acq: 1 Apr 2019 22:17

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW30S-GW

Tgt Ion:152 Resp: 56557
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 55.2 46.9 70.3



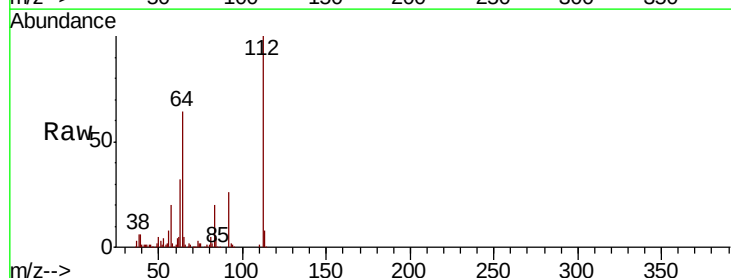
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



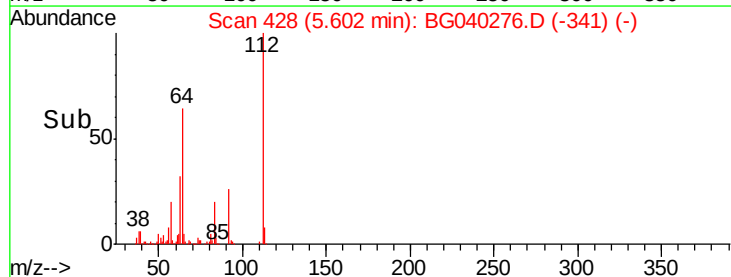
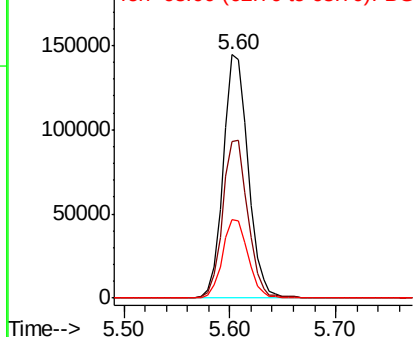
#5

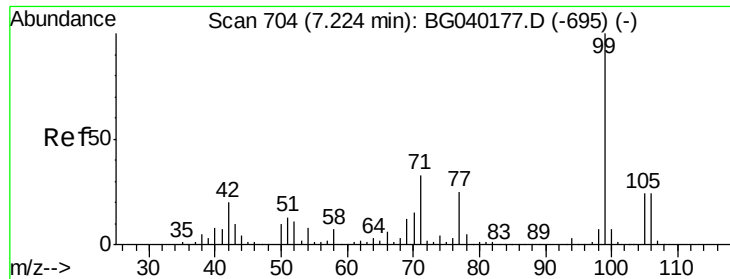
2-Fluorophenol
Concen: 69.452 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040276.D
Acq: 1 Apr 2019 22:17

Tgt Ion:112 Resp: 236282
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: 47.373 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040276.D

Acq: 1 Apr 2019 22:17

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW30S-GW

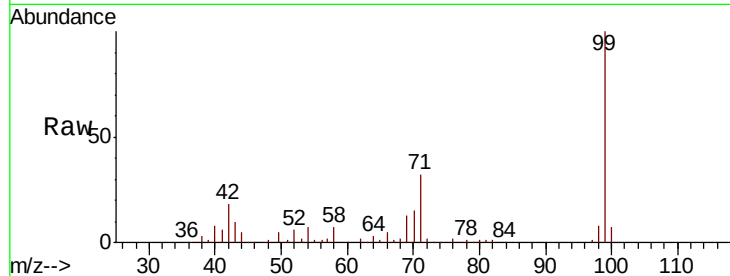
Tgt Ion: 99 Resp: 222736

Ion Ratio Lower Upper

99 100

42 18.1 16.2 24.2

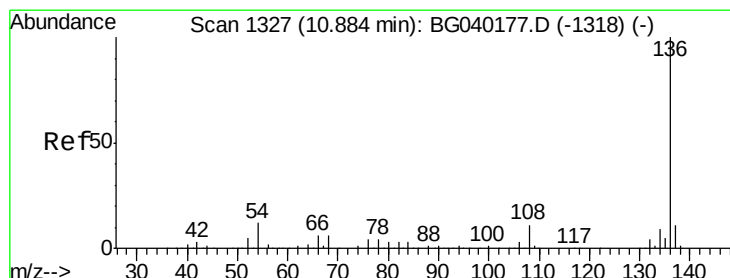
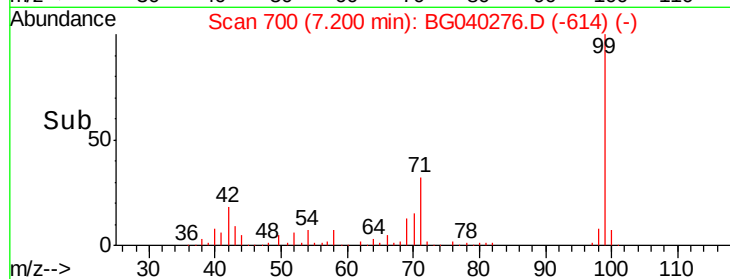
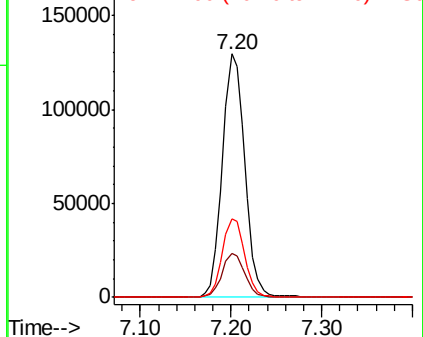
71 32.0 26.8 40.2



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: BG040276.D

Acq: 1 Apr 2019 22:17

Tgt Ion: 136 Resp: 249714

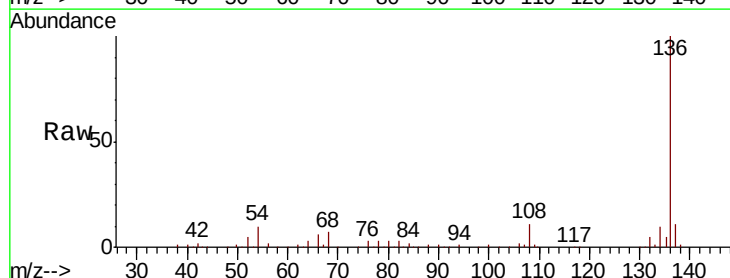
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.3 9.6 14.4

68 7.2 5.1 7.7

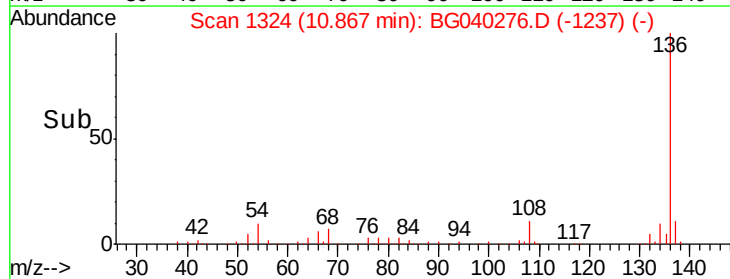
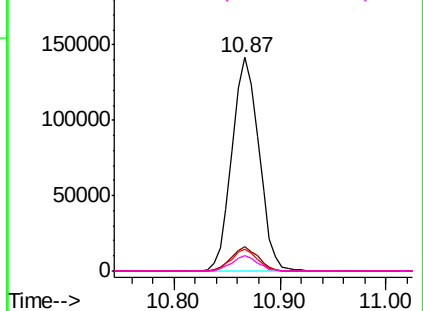


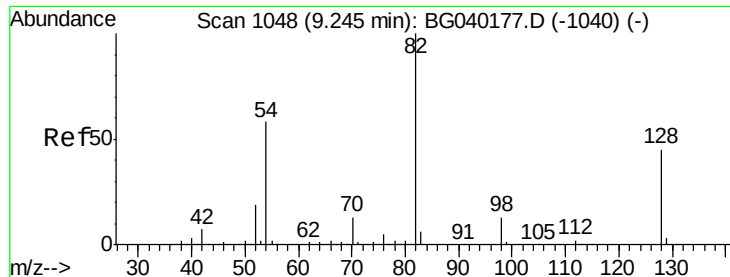
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

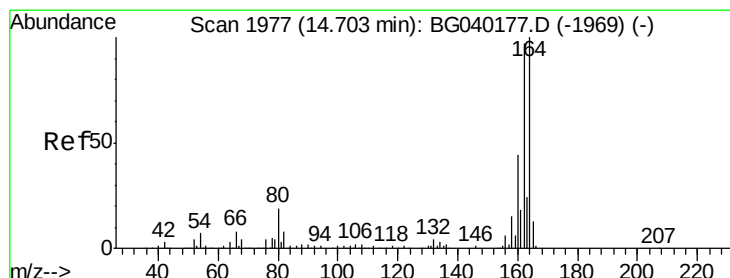
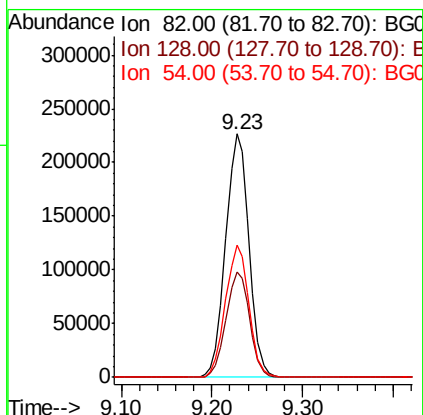
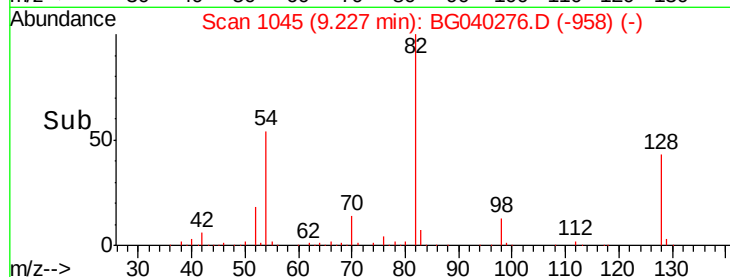
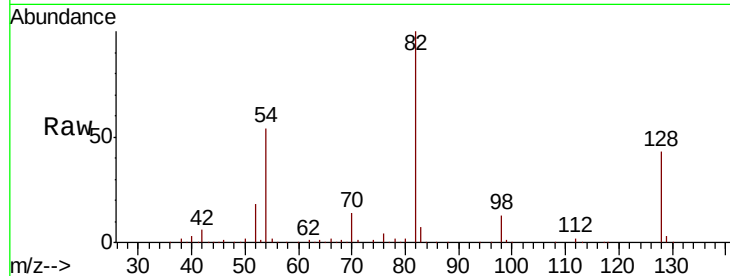




#23
Nitrobenzene-d5
Concen: 86.120 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040276.D
Acq: 1 Apr 2019 22:17

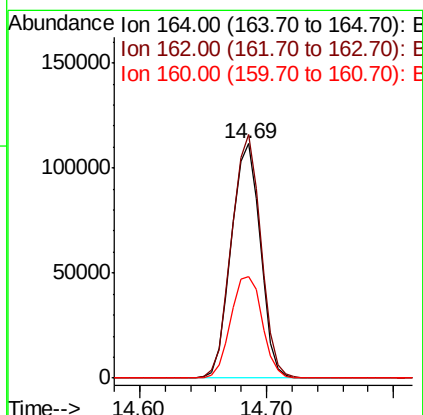
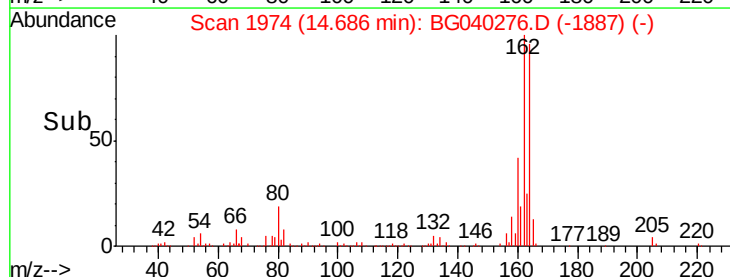
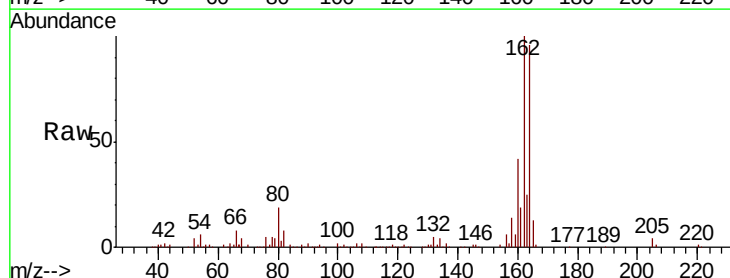
Instrument :
BNA_G
ClientSampleId :
QNWP8-MW30S-GW

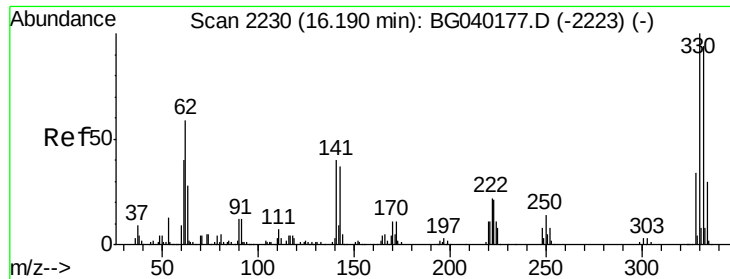
Tgt Ion: 82 Resp: 404593
Ion Ratio Lower Upper
82 100
128 43.3 35.8 53.8
54 54.4 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040276.D
Acq: 1 Apr 2019 22:17

Tgt Ion: 164 Resp: 176971
Ion Ratio Lower Upper
164 100
162 103.8 77.4 116.2
160 43.3 35.3 52.9

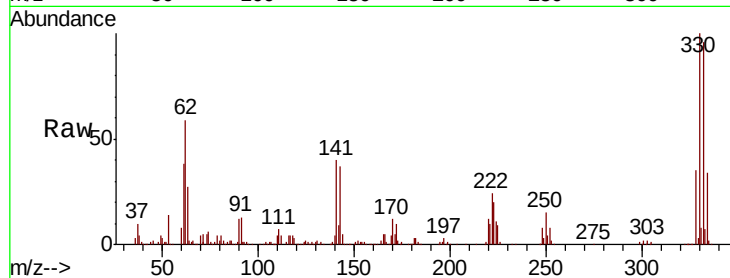




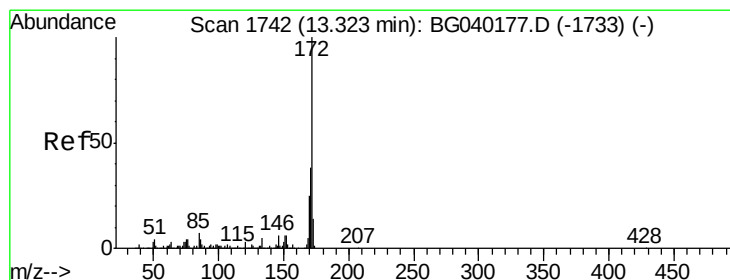
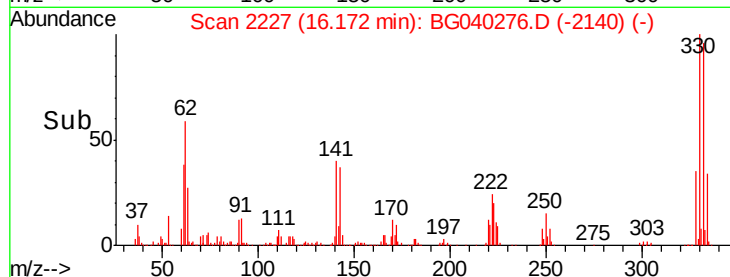
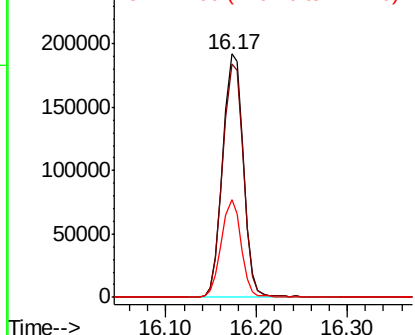
#42
 2,4,6-Tribromophenol
 Concen: 159.862 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040276.D
 Acq: 1 Apr 2019 22:17

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW30S-GW

Tgt Ion:330 Resp: 305751
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 38.3 32.6 48.8

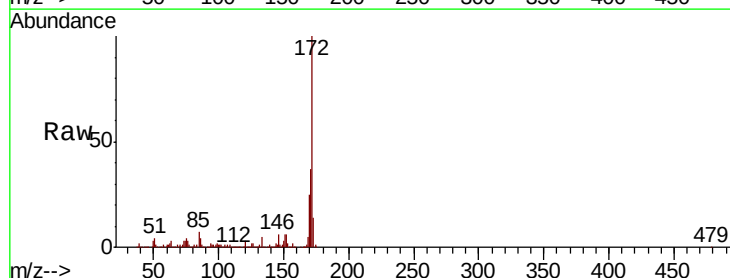


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

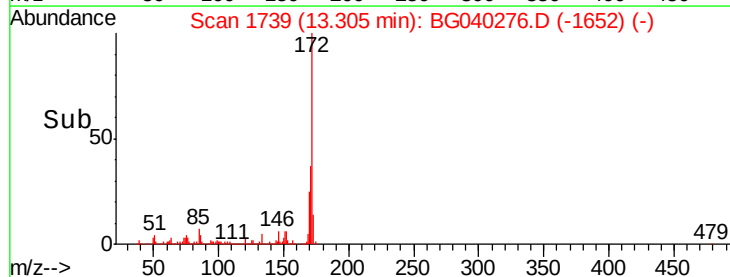
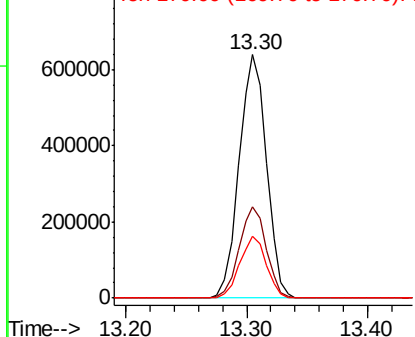


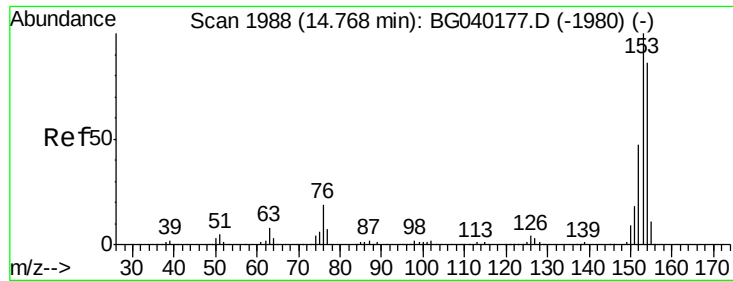
#45
 2-Fluorobiphenyl
 Concen: 84.283 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040276.D
 Acq: 1 Apr 2019 22:17

Tgt Ion:172 Resp: 1006612
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.5 45.7
 170 25.4 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





#52

Acenaphthene

Concen: 7.641 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG040276.D

Acq: 1 Apr 2019 22:17

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW30S-GW

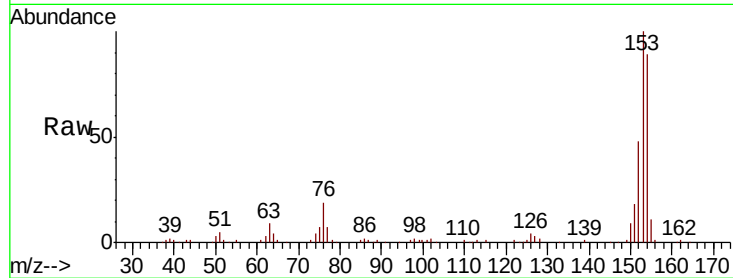
Tgt Ion:154 Resp: 79618

Ion Ratio Lower Upper

154 100

153 112.8 92.8 139.2

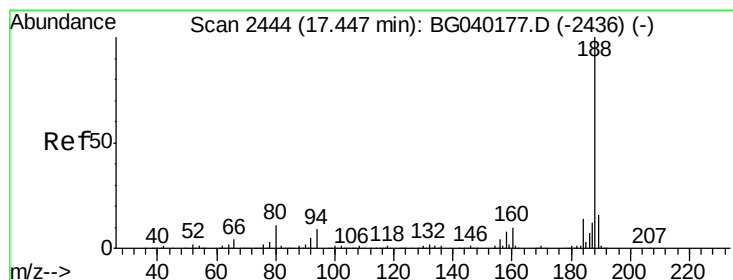
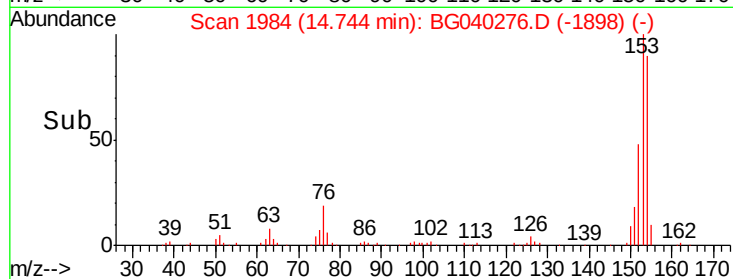
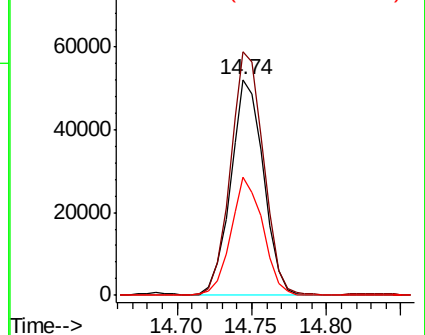
152 54.6 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040276.D

Acq: 1 Apr 2019 22:17

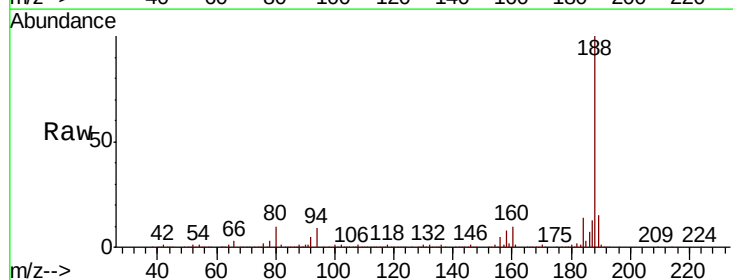
Tgt Ion:188 Resp: 438364

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

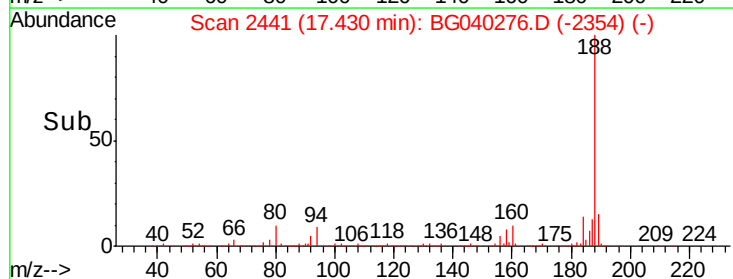
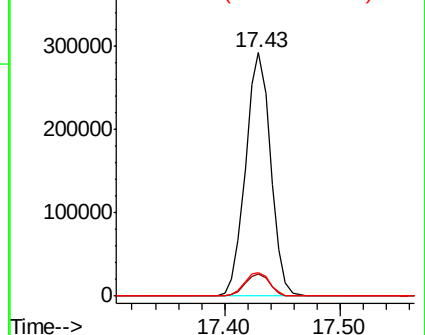
80 9.7 8.6 13.0

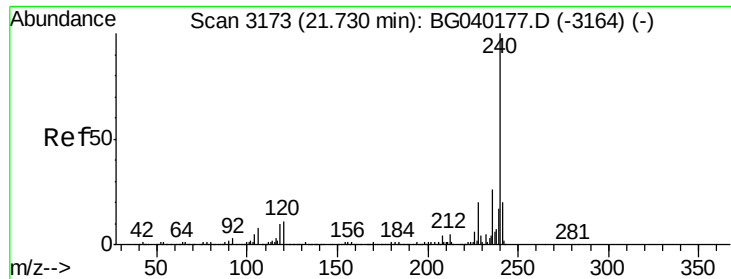


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

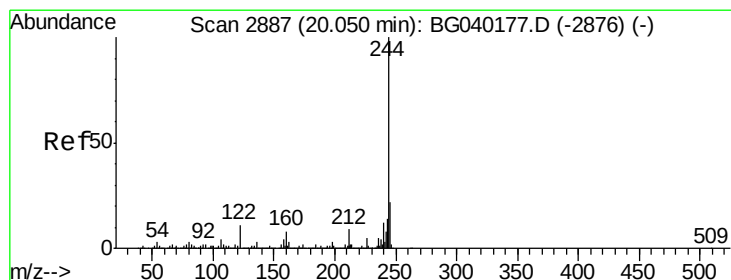
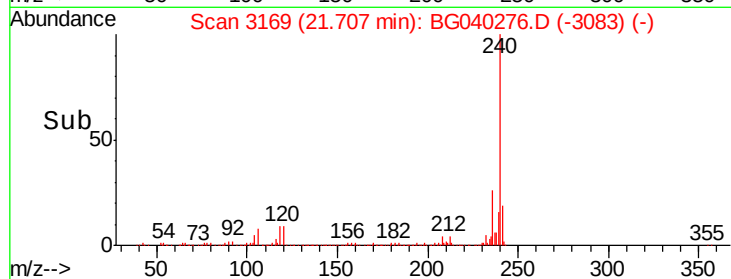
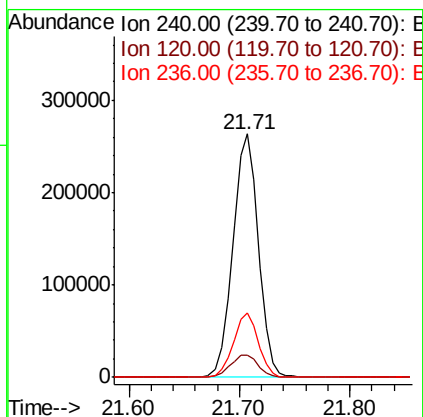
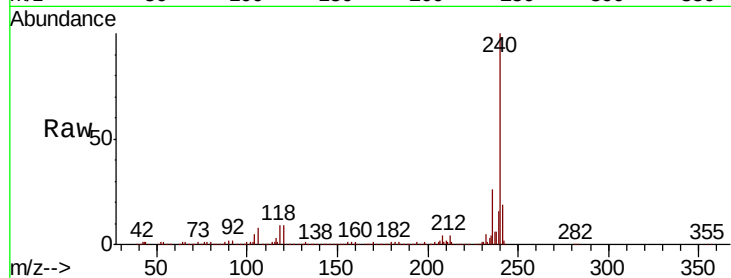




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040276.D
Acq: 1 Apr 2019 22:17

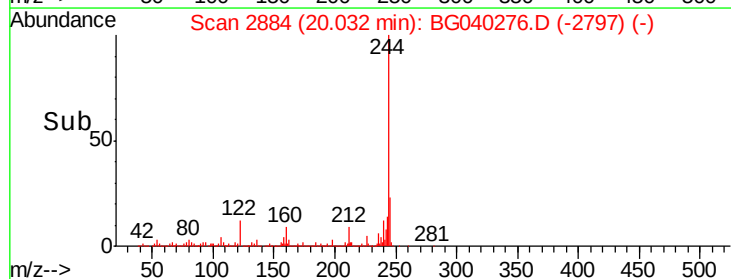
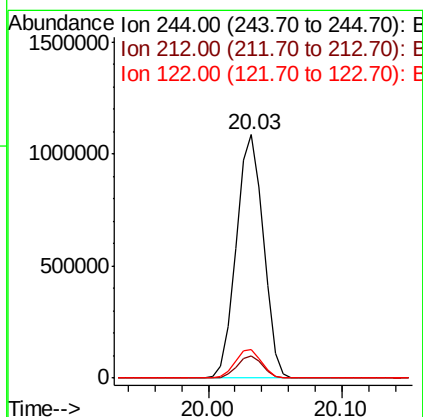
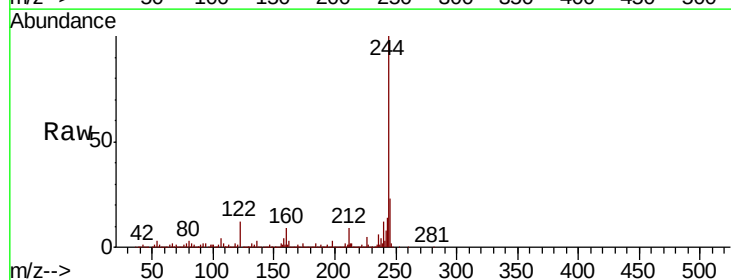
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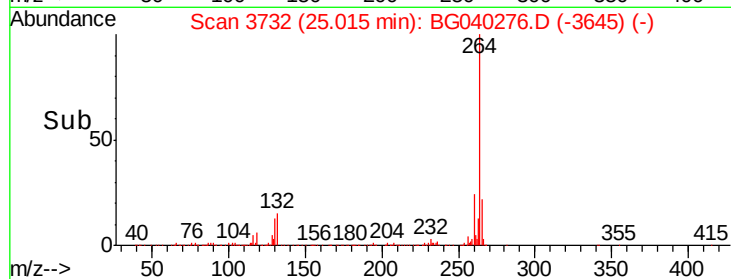
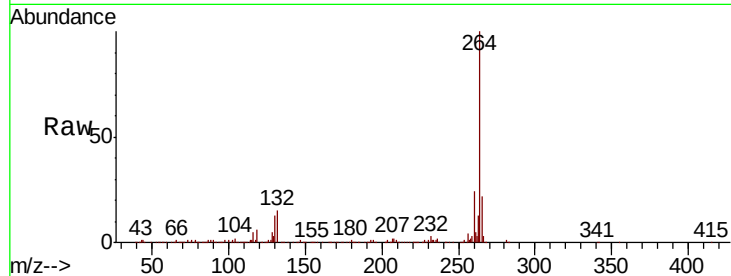
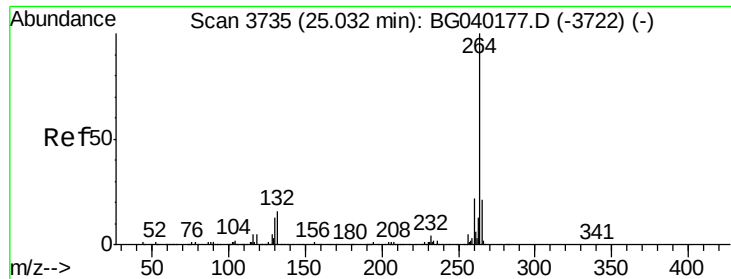
Tgt Ion:240 Resp: 426165
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 26.4 20.8 31.2



#79
Terphenyl-d14
Concen: 80.658 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040276.D
Acq: 1 Apr 2019 22:17

Tgt Ion:244 Resp: 1527958
Ion Ratio Lower Upper
244 100
212 9.2 7.0 10.6
122 11.8 8.5 12.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040276.D

Acq: 1 Apr 2019 22:17

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW30S-GW

Tgt Ion: 264 Resp: 430930

Ion Ratio Lower Upper

264 100

260 24.0 17.9 26.9

265 22.1 16.8 25.2

