

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040421.D
 Acq On : 10 Apr 2019 19:00
 Operator : JU/SJ
 Sample : K2342-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Quant Time: Apr 11 05:47:36 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	8.04	152	69975	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	280893	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	169964	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	408059	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	403181	20.00	ng	-0.04
87) Perylene-d12	24.98	264	410399	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	278612	66.19	ng	-0.01
7) Phenol-d6	7.20	99	251181	43.18	ng	-0.02
23) Nitrobenzene-d5	9.22	82	488824	92.50	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	272707	148.46	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1075495	93.76	ng	-0.03
79) Terphenyl-d14	20.02	244	1566826	87.43	ng	-0.03

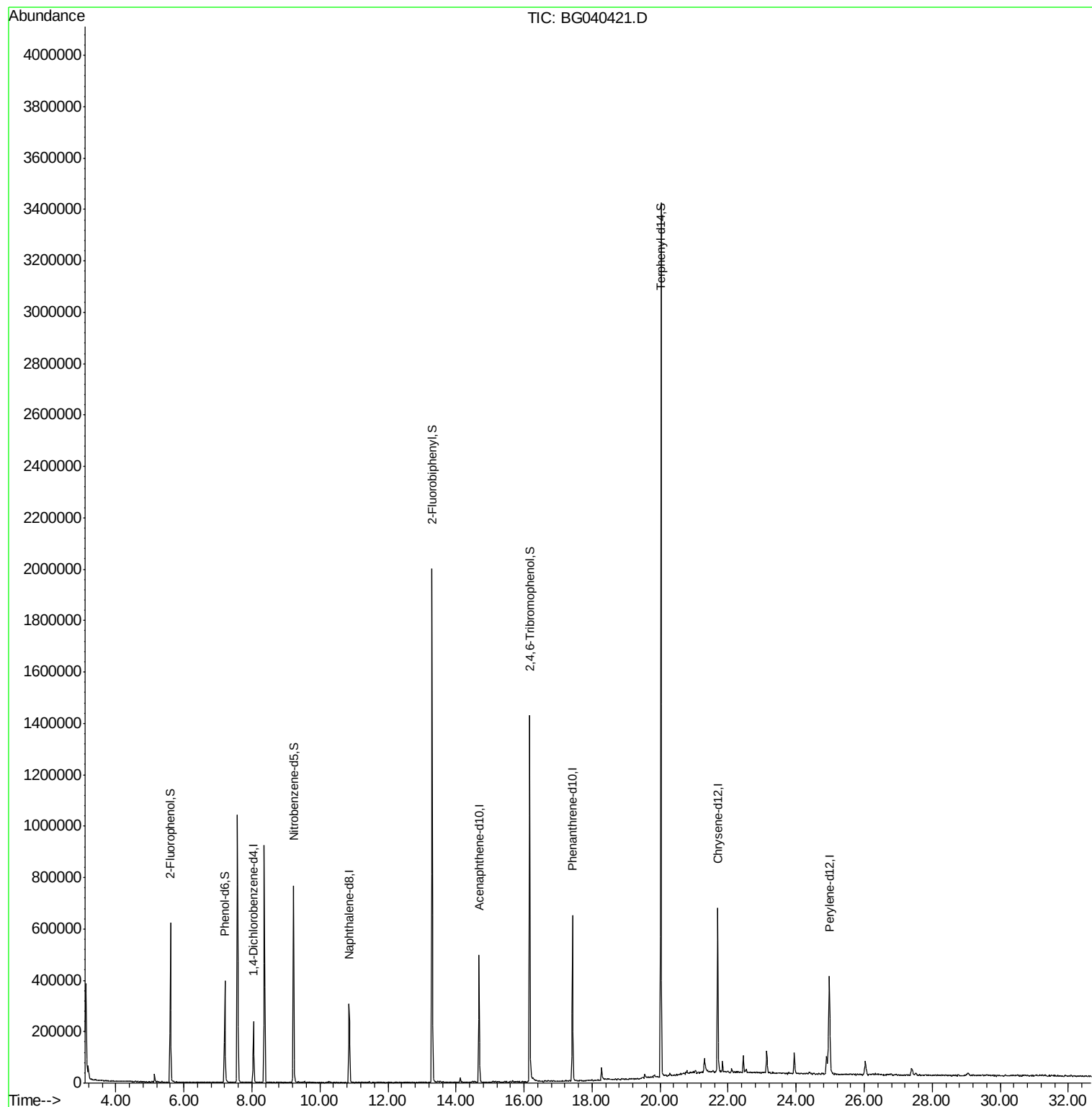
Target Compounds Qvalue

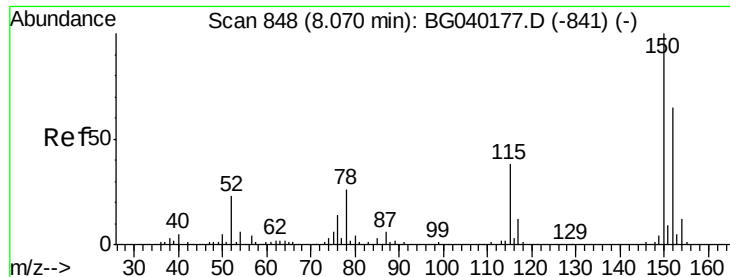
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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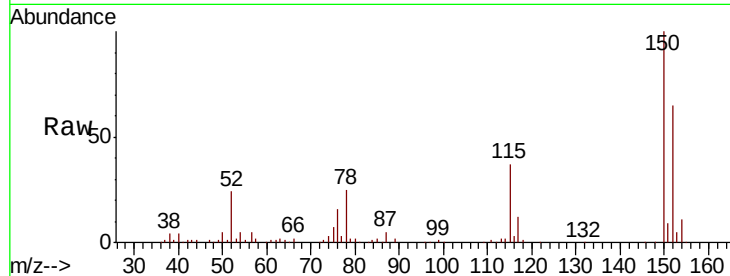


#1

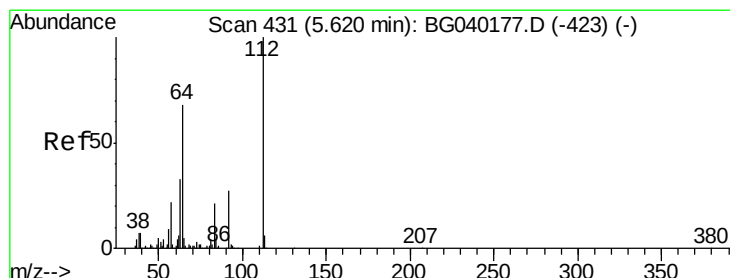
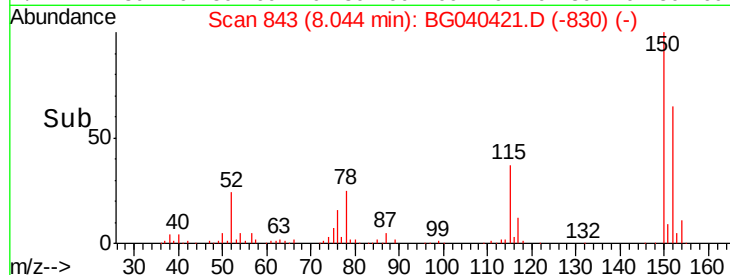
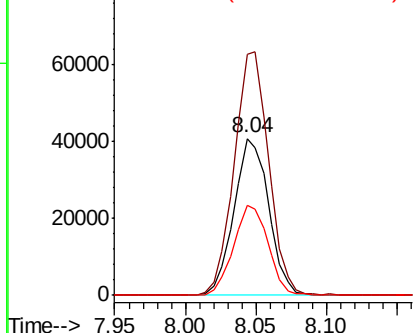
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BG040421.D
 Acq: 10 Apr 2019 19:00

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.7	185.5
115	57.2	46.9	70.3



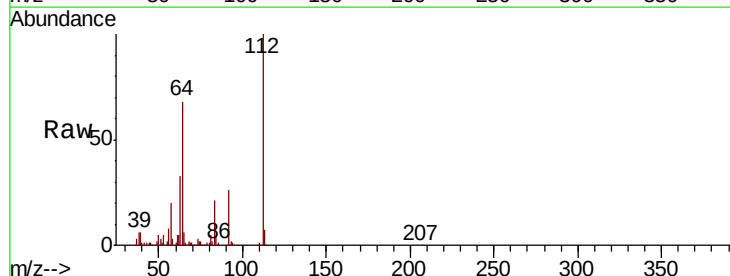
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



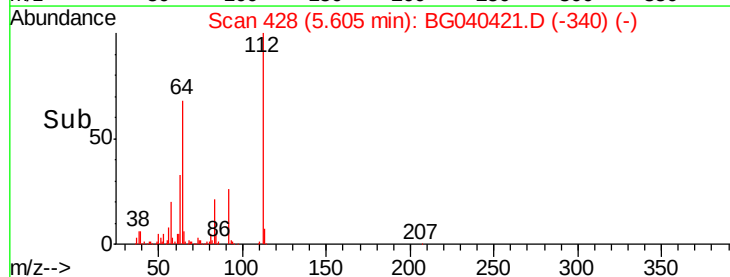
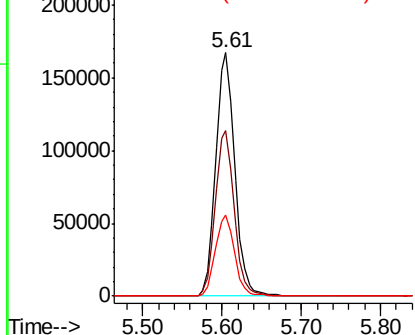
#5

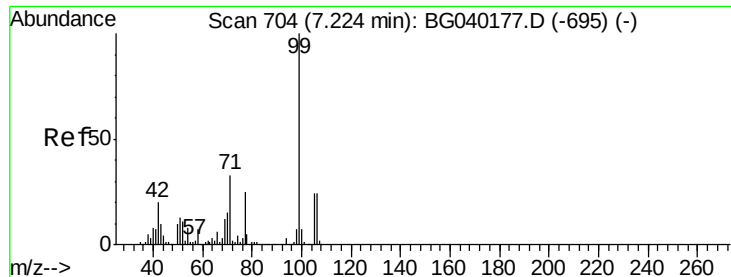
2-Fluorophenol
 Concen: 66.190 ng
 RT: 5.61 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: BG040421.D
 Acq: 10 Apr 2019 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	54.2	81.2
63	33.2	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: 43.179 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040421.D

Acq: 10 Apr 2019 19:00

Instrument :

BNA_G

ClientSampleId :

TP-12

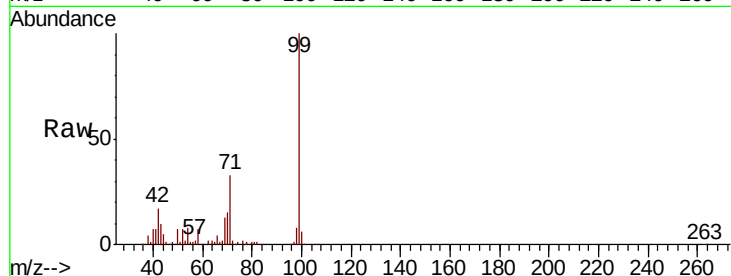
Tot Ion: 99 Resp: 251181

Ion Ratio Lower Upper

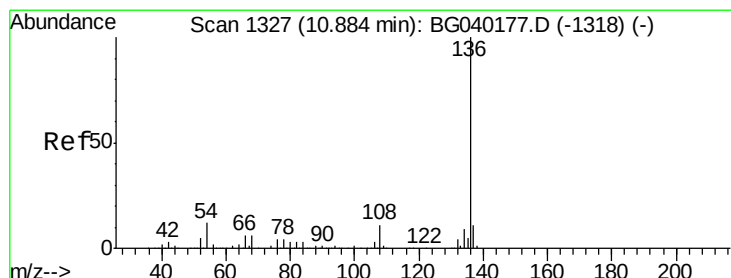
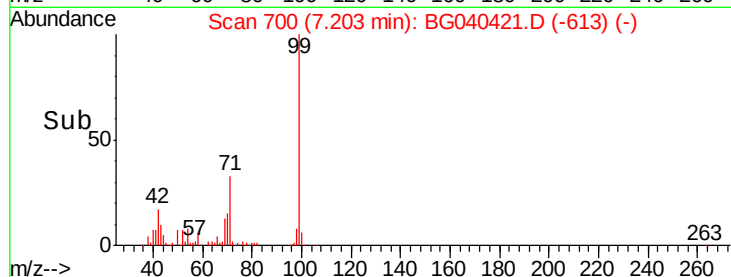
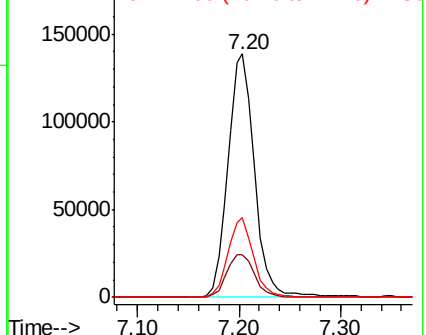
99 100

42 17.3 16.2 24.2

71 32.5 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# 1322

Delta R.T. -0.03 min

Lab File: BG040421.D

Acq: 10 Apr 2019 19:00

Tgt Ion: 136 Resp: 280893

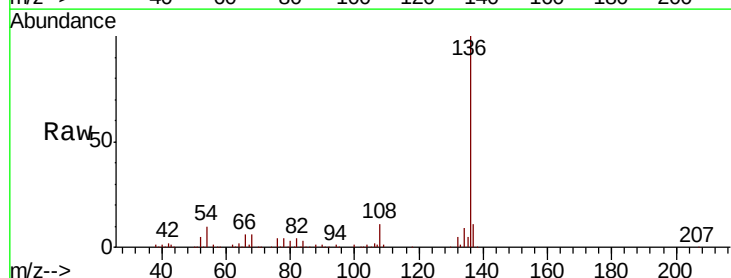
Ion Ratio Lower Upper

136 100

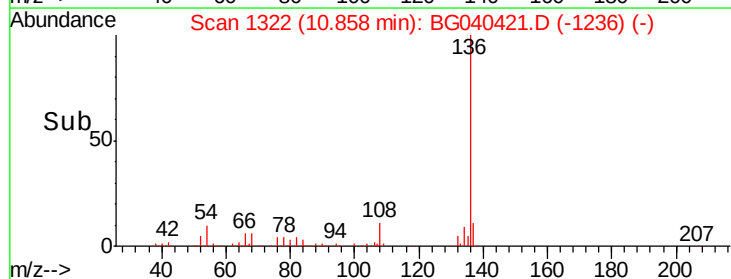
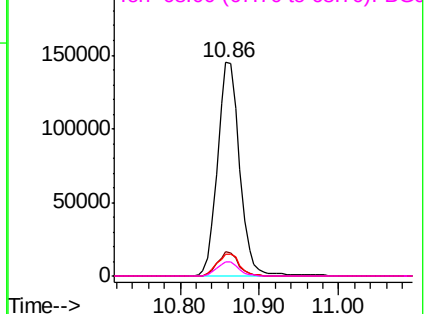
137 11.4 8.9 13.3

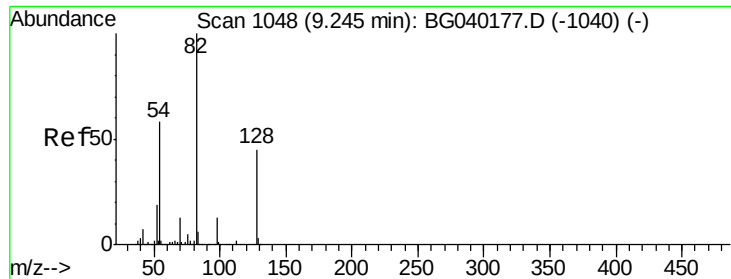
54 10.0 9.6 14.4

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

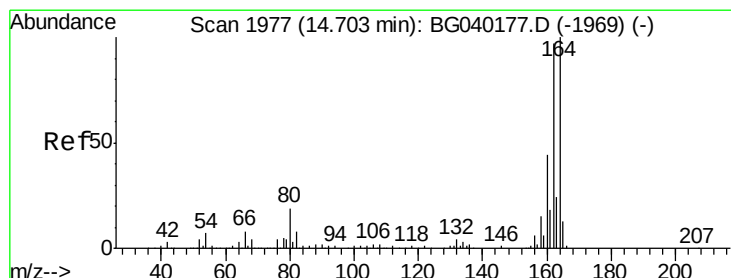
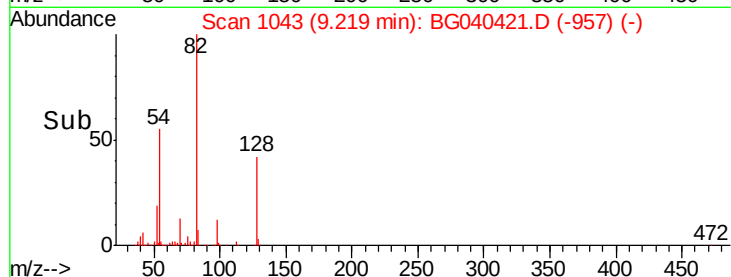
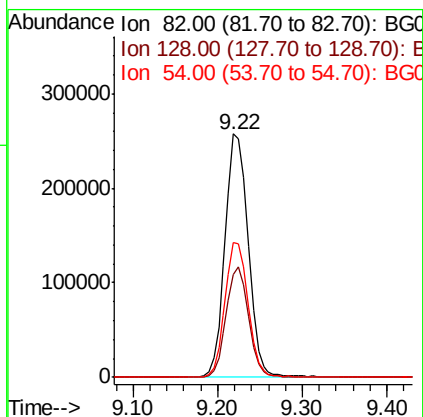
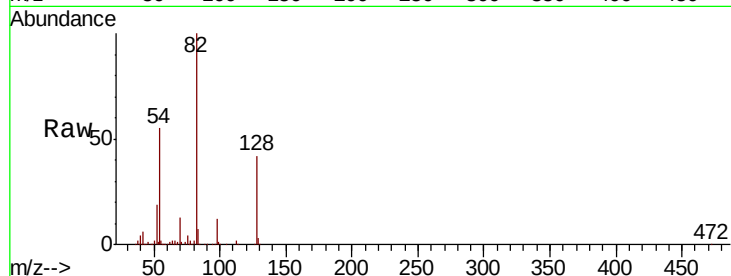




#23
 Nitrobenzene-d5
 Concen: 92.500 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040421.D
 Acq: 10 Apr 2019 19:00

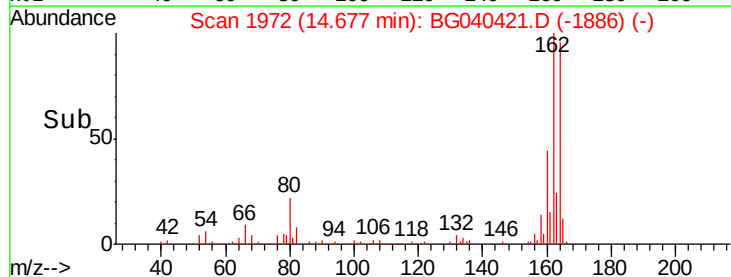
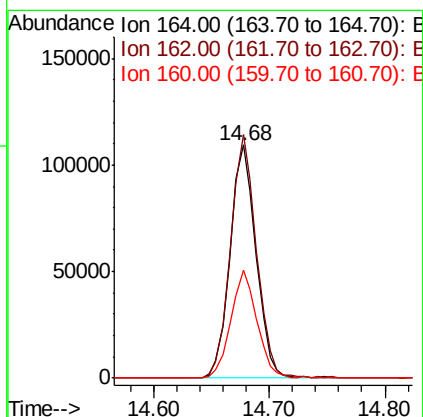
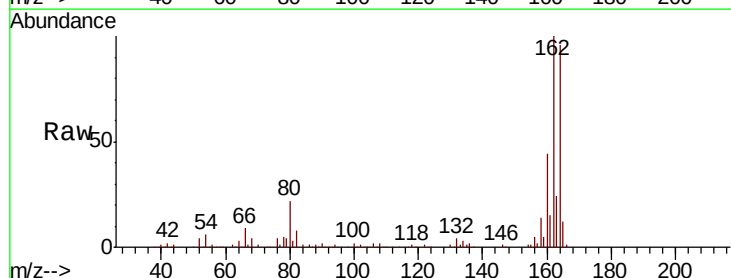
Instrument :
 BNA_G
 ClientSampleId :
 TP-12

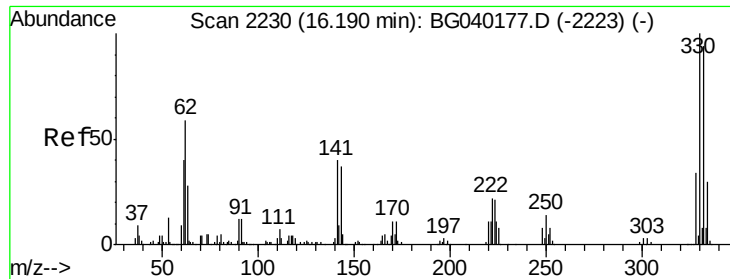
Tot Ion: 82 Resp: 488824
 Ion Ratio Lower Upper
 82 100
 128 42.1 35.8 53.8
 54 55.3 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040421.D
 Acq: 10 Apr 2019 19:00

Tgt Ion: 164 Resp: 169964
 Ion Ratio Lower Upper
 164 100
 162 104.4 77.4 116.2
 160 46.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 148.463 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040421.D

Acq: 10 Apr 2019 19:00

Instrument :

BNA_G

ClientSampleId :

TP-12

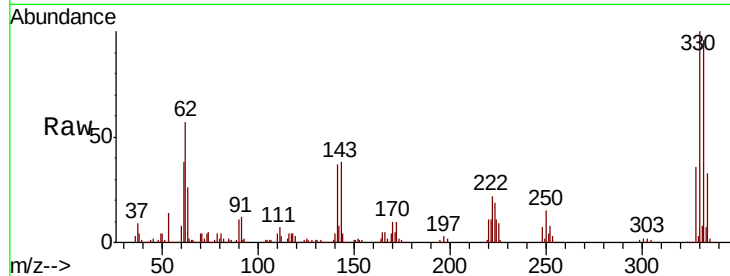
Tot Ion:330 Resp: 272707

Ion Ratio Lower Upper

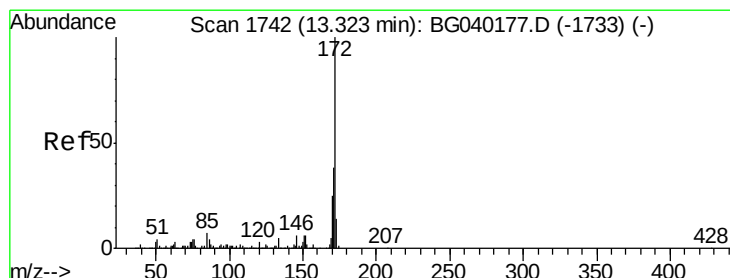
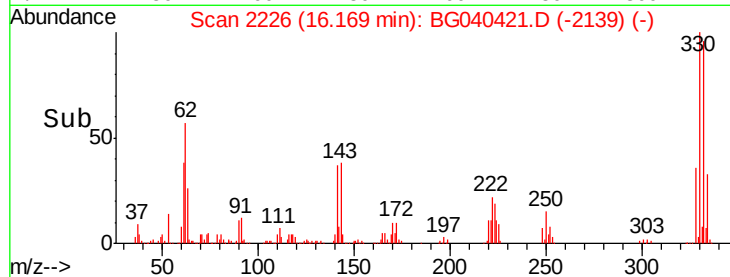
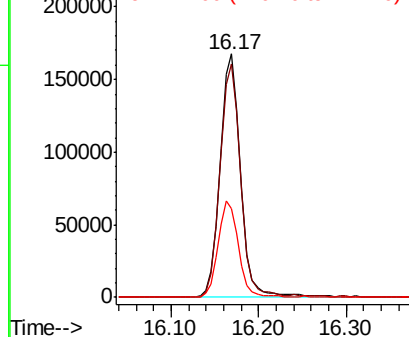
330 100

332 96.6 76.6 115.0

141 39.5 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: 93.763 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040421.D

Acq: 10 Apr 2019 19:00

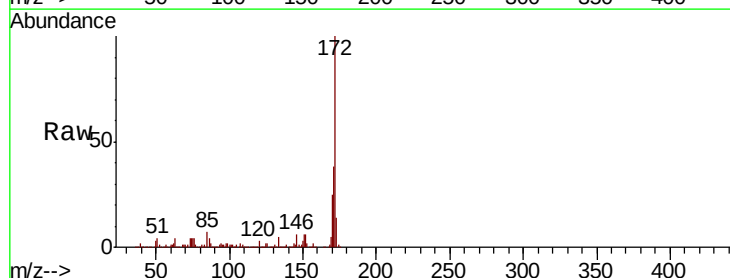
Tgt Ion:172 Resp: 1075495

Ion Ratio Lower Upper

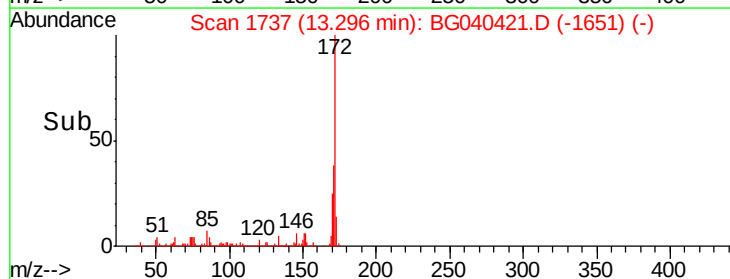
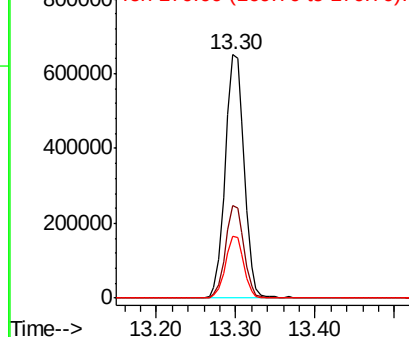
172 100

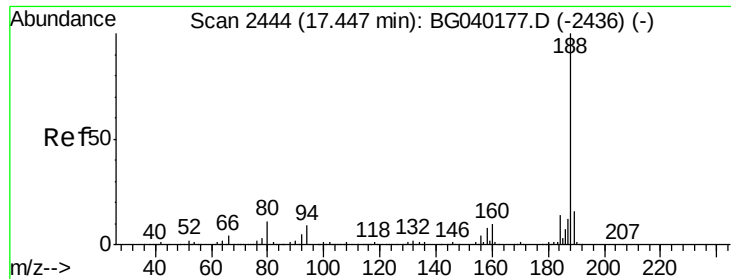
171 38.2 30.5 45.7

170 25.2 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: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040421.D

Acq: 10 Apr 2019 19:00

Instrument :

BNA_G

ClientSampleId :

TP-12

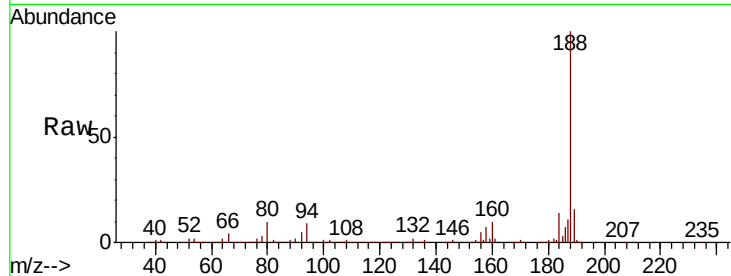
Tot Ion:188 Resp: 408059

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

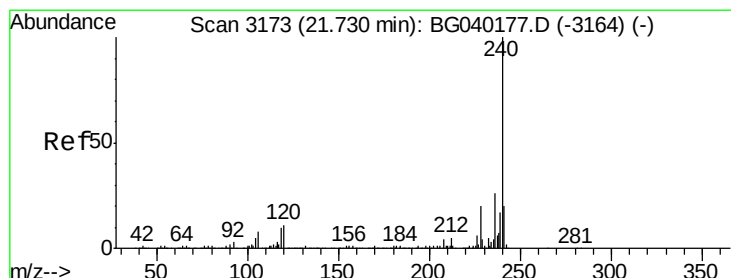
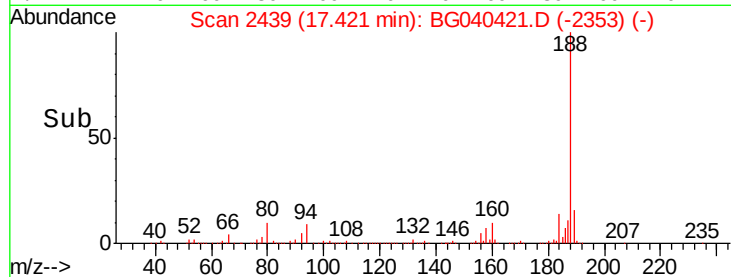
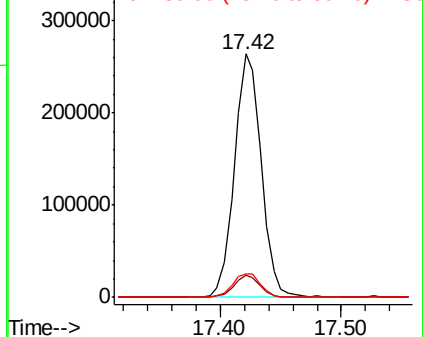
80 9.8 8.6 13.0



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: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040421.D

Acq: 10 Apr 2019 19:00

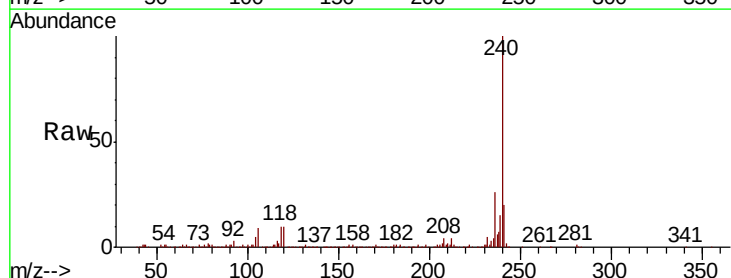
Tgt Ion:240 Resp: 403181

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

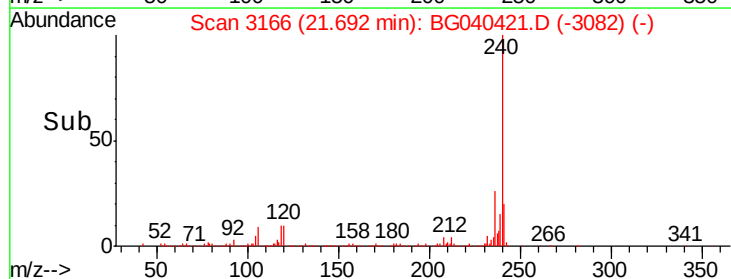
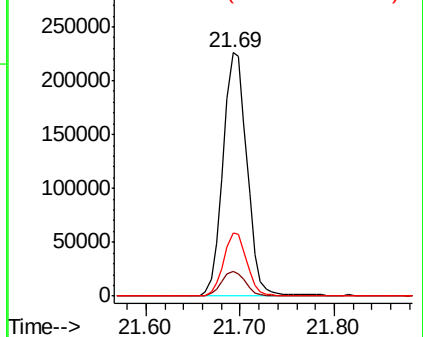
236 26.2 20.8 31.2

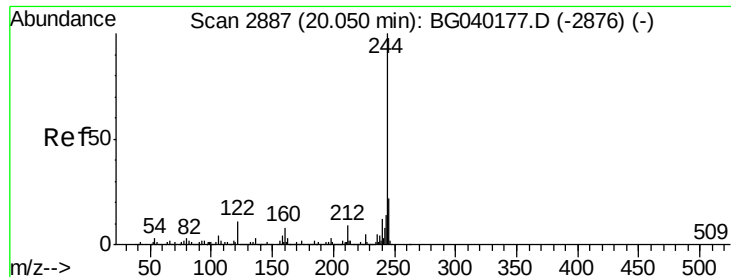


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.425 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040421.D

Acq: 10 Apr 2019 19:00

Instrument :

BNA_G

ClientSampled :

TP-12

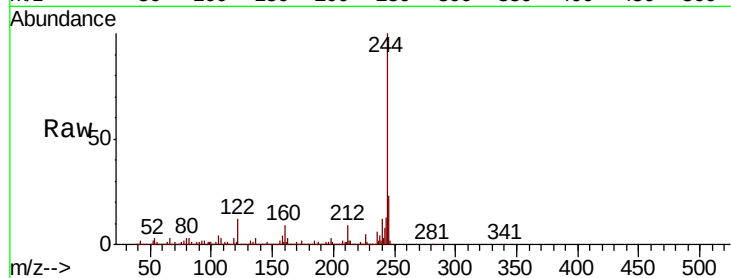
Tot Ion:244 Resp: 1566826

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

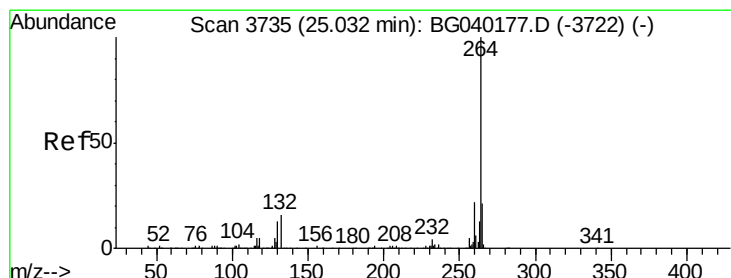
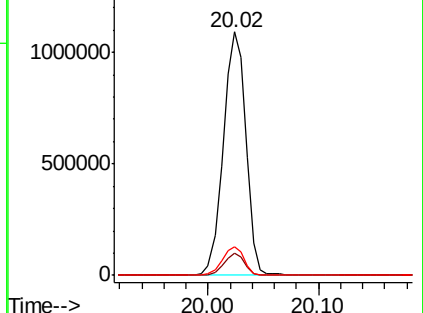
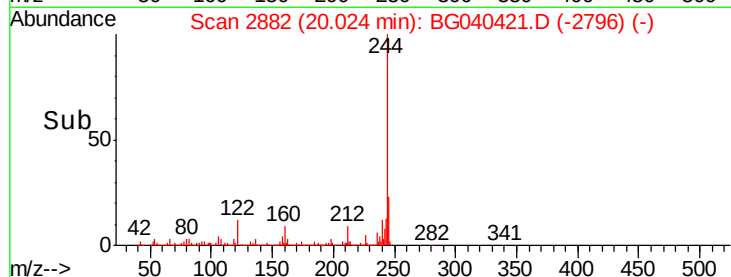
122 11.9 8.5 12.7



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: 24.98 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040421.D

Acq: 10 Apr 2019 19:00

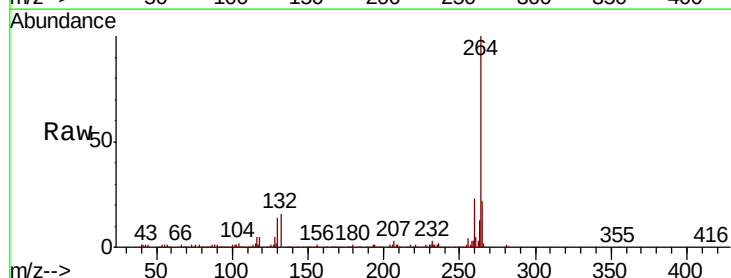
Tgt Ion:264 Resp: 410399

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 22.0 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

