

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039456.D
 Acq On : 12 Feb 2019 8:32
 Operator : JU/SJ
 Sample : K1452-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-2

Quant Time: Feb 12 11:38:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	50915	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	226554	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	158585	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	401367	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	408906	20.00	ng	-0.02
87) Perylene-d12	25.21	264	407948	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	428982	144.20	ng	0.00
7) Phenol-d6	7.31	99	558652	127.58	ng	-0.01
23) Nitrobenzene-d5	9.35	82	401694	110.77	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	267854	156.85	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	964614	87.26	ng	-0.01
79) Terphenyl-d14	20.13	244	1646231	85.22	ng	-0.02

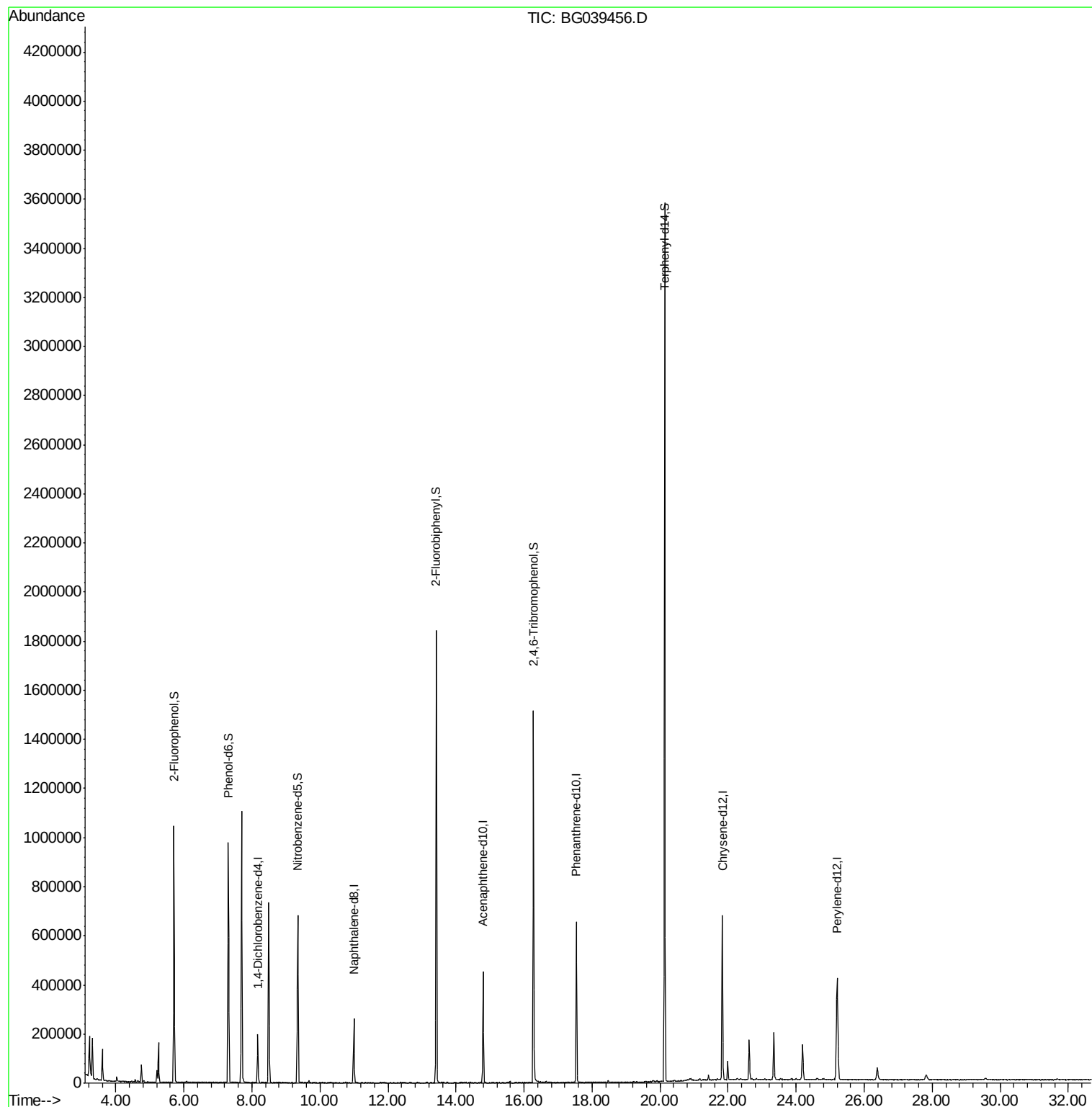
Target Compounds Qvalue

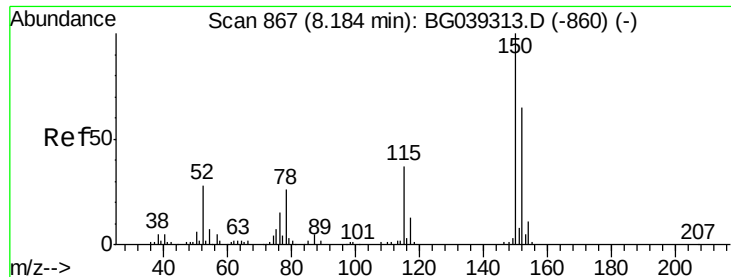
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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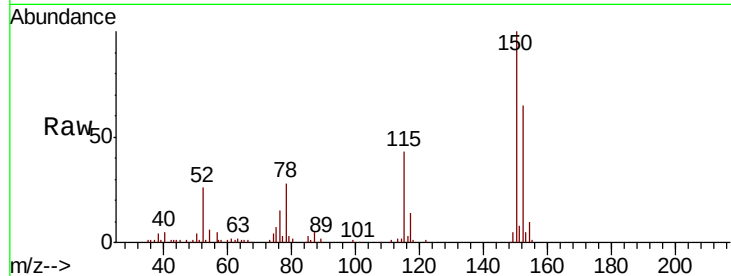


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039456.D
Acq: 12 Feb 2019 8:32

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.7	185.5
115	65.7	45.9	68.9

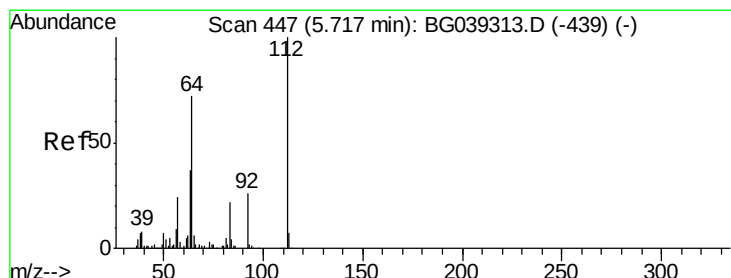
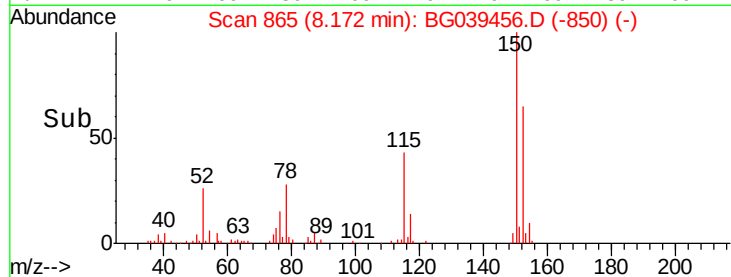
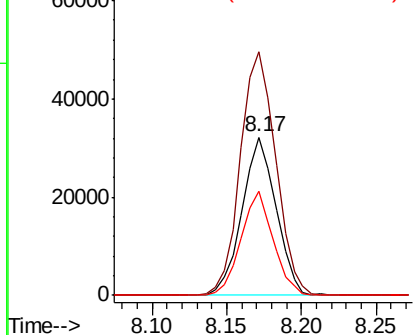


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

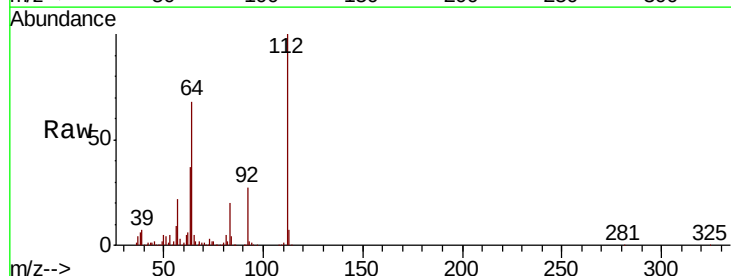
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.202 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039456.D
Acq: 12 Feb 2019 8:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.8	86.8
63	37.3	29.8	44.6

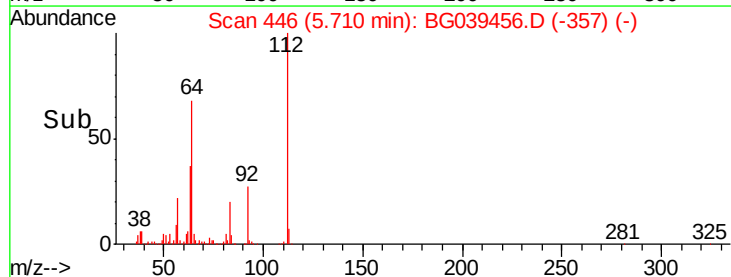
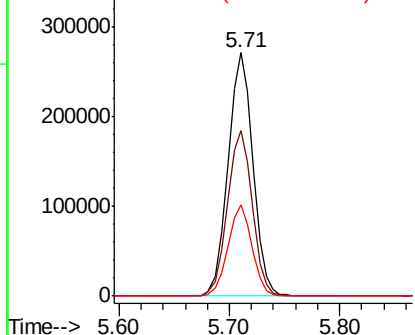


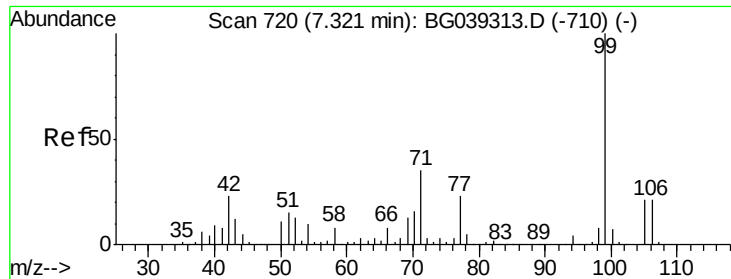
Abundance

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: 127.578 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039456.D

Acq: 12 Feb 2019 8:32

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-2

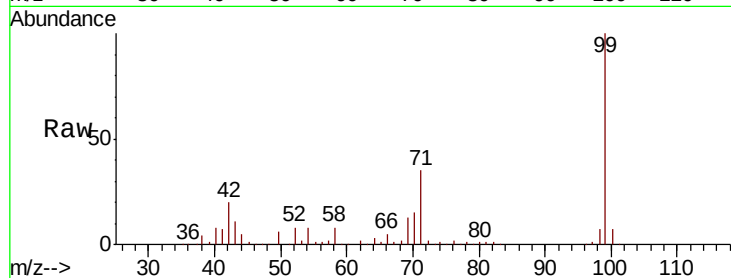
Tot Ion: 99 Resp: 558652

Ion Ratio Lower Upper

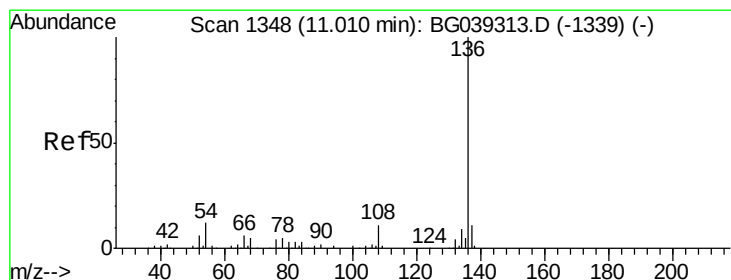
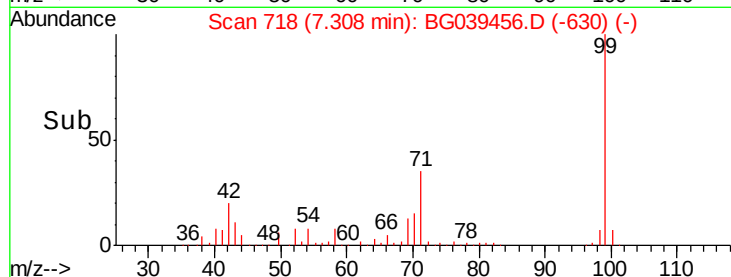
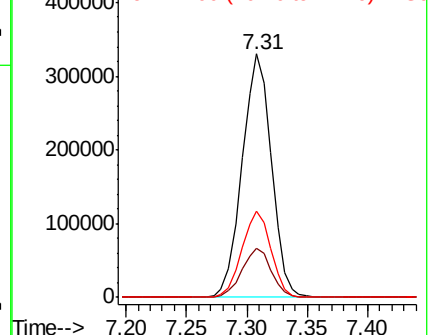
99 100

42 20.0 18.2 27.2

71 35.3 28.0 42.0



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: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039456.D

Acq: 12 Feb 2019 8:32

Tgt Ion: 136 Resp: 226554

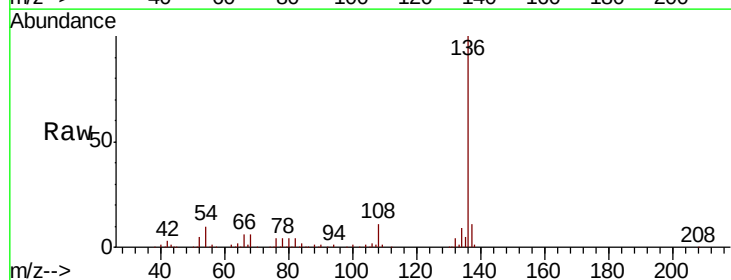
Ion Ratio Lower Upper

136 100

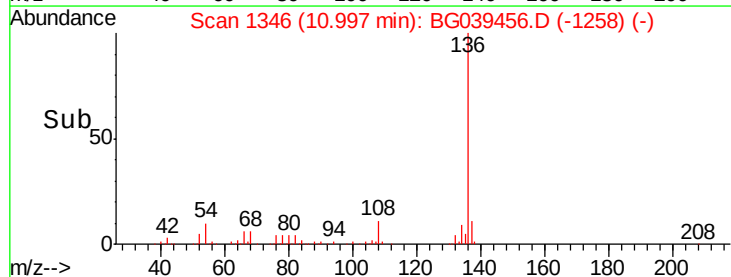
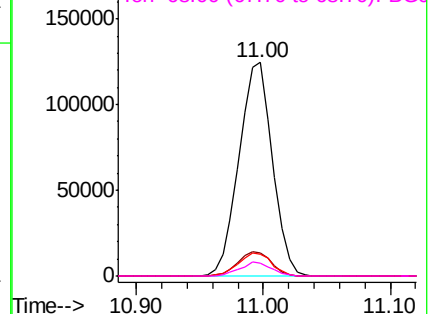
137 10.8 9.1 13.7

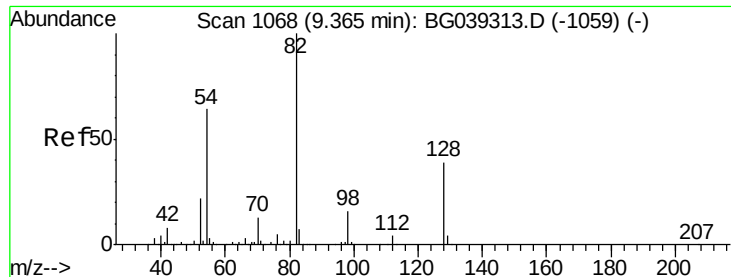
54 10.4 9.4 14.2

68 6.1 4.2 6.4



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

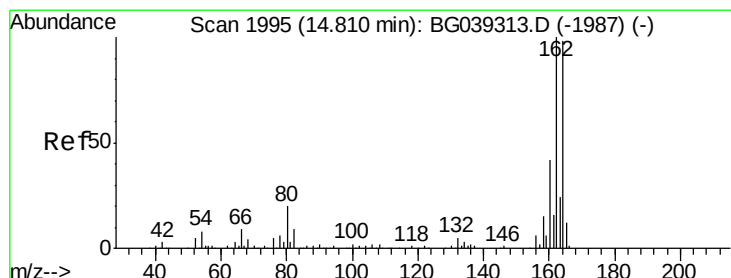
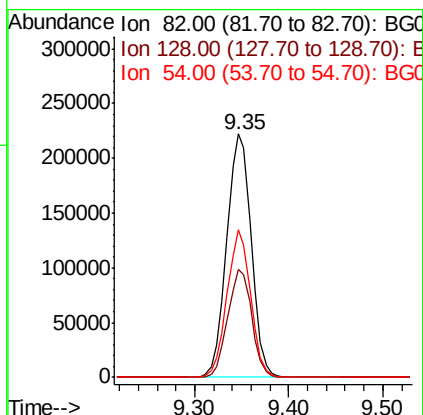
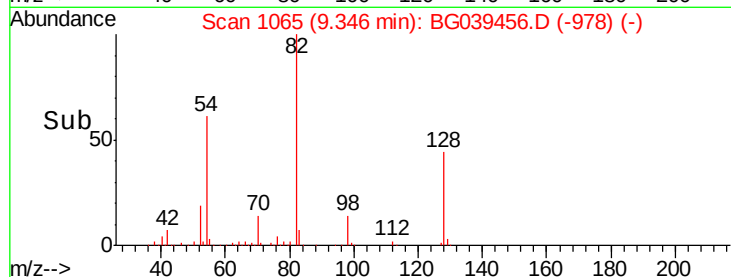
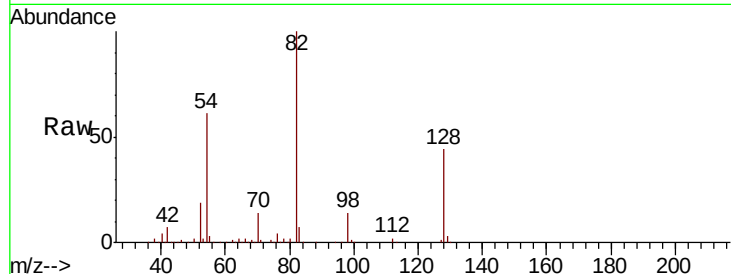




#23
Nitrobenzene-d5
Concen: 110.766 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039456.D
Acq: 12 Feb 2019 8:32

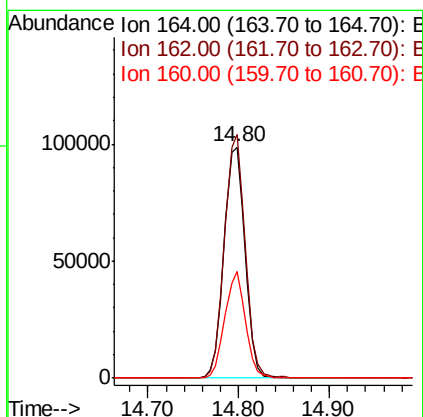
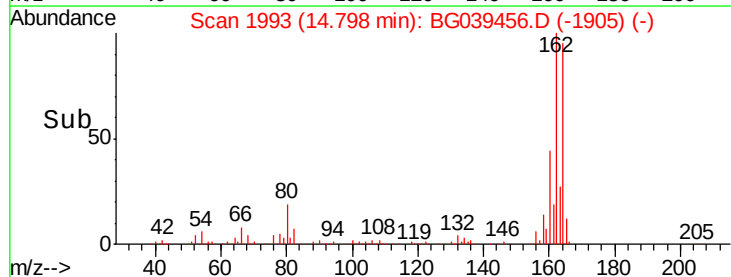
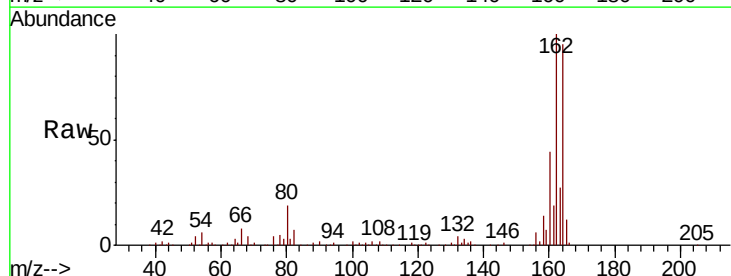
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

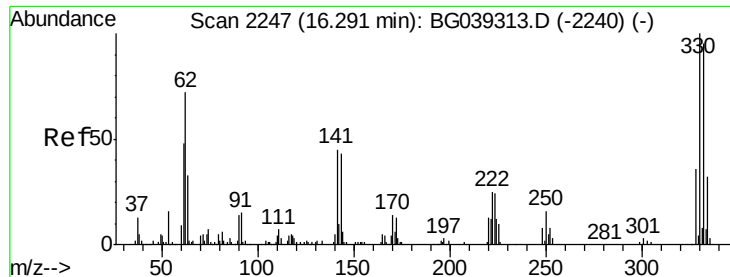
Tot Ion	82	Resp	401694
Ion Ratio	100	Lower	Upper
128	44.2	31.3	46.9
54	60.6	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039456.D
Acq: 12 Feb 2019 8:32

Tgt Ion	164	Resp	158585
Ion Ratio	100	Lower	Upper
162	105.4	81.6	122.4
160	46.0	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 156.852 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039456.D

Acq: 12 Feb 2019 8:32

Instrument :

BNA_G

ClientSampled :

TEST-PIT-2

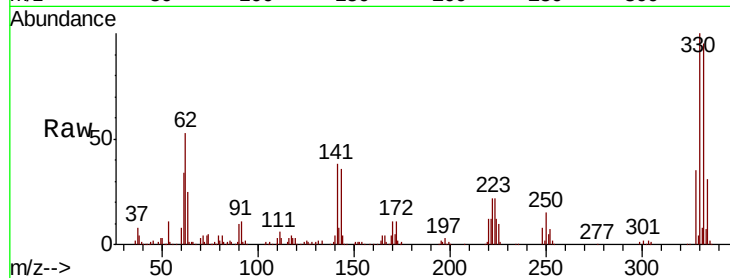
Tot Ion:330 Resp: 267854

Ion Ratio Lower Upper

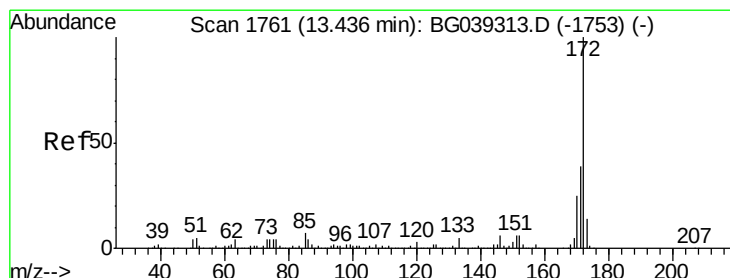
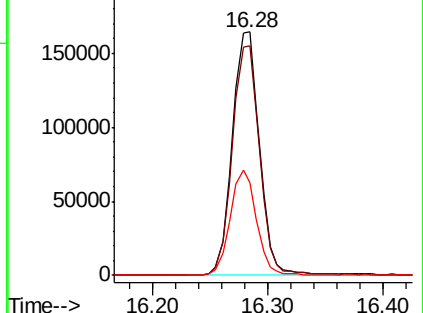
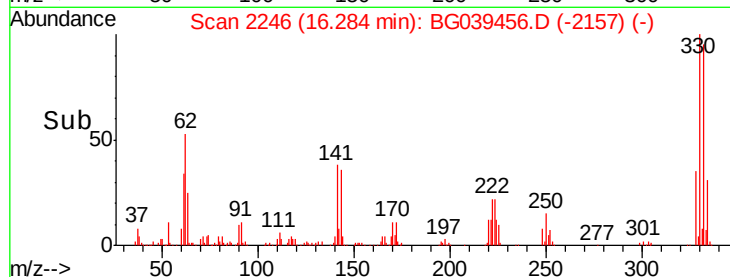
330 100

332 95.7 75.7 113.5

141 41.6 35.6 53.4



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: 87.258 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG039456.D

Acq: 12 Feb 2019 8:32

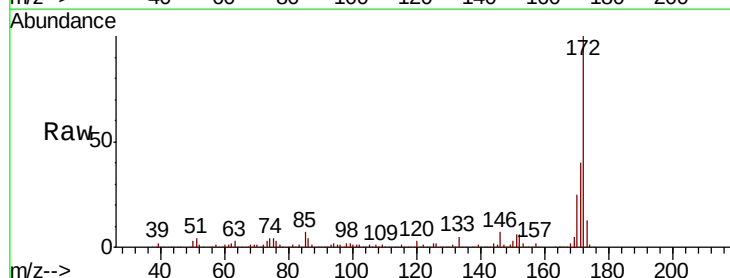
Tgt Ion:172 Resp: 964614

Ion Ratio Lower Upper

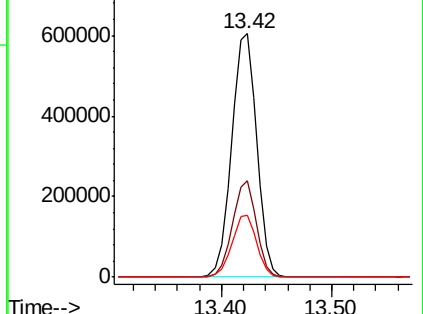
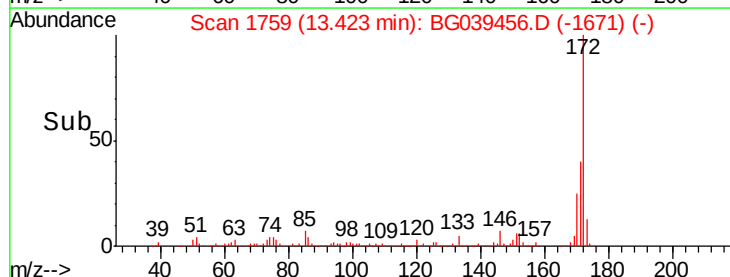
172 100

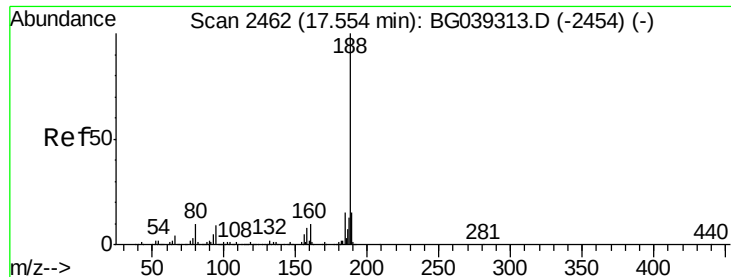
171 39.7 30.8 46.2

170 25.4 20.2 30.4



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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039456.D

Acq: 12 Feb 2019 8:32

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-2

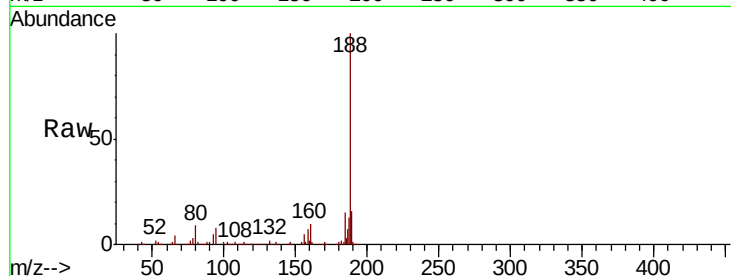
Tot Ion:188 Resp: 401367

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

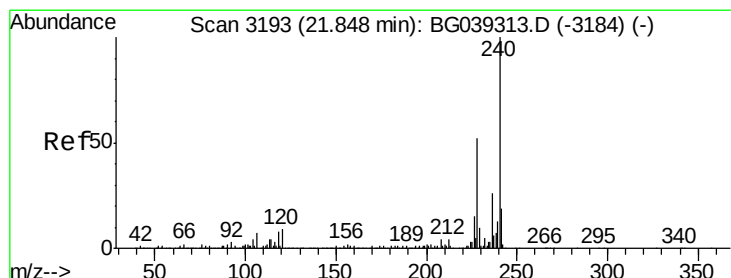
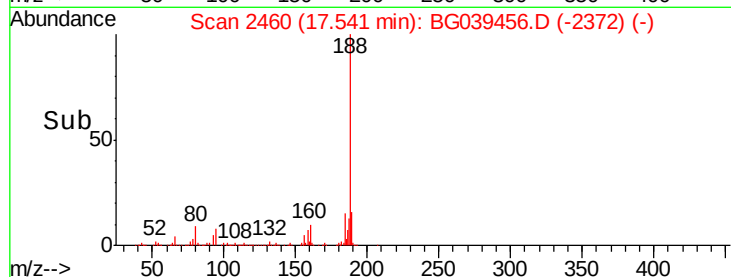
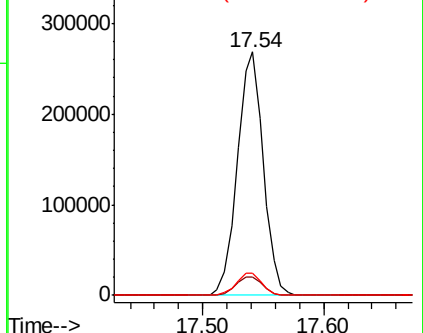
80 9.1 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039456.D

Acq: 12 Feb 2019 8:32

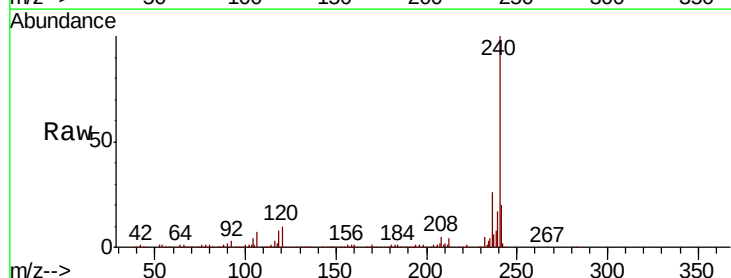
Tgt Ion:240 Resp: 408906

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

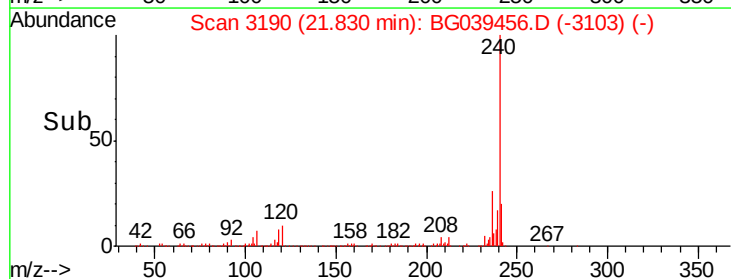
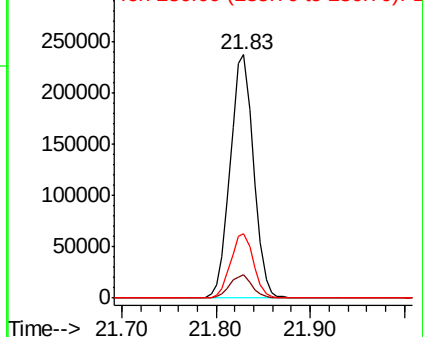
236 26.5 21.0 31.4

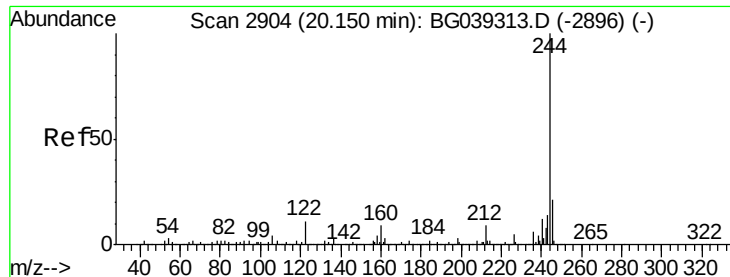


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.217 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039456.D

Acq: 12 Feb 2019 8:32

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-2

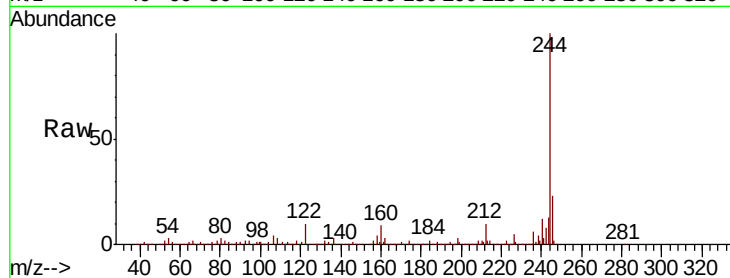
Tot Ion:244 Resp: 1646231

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

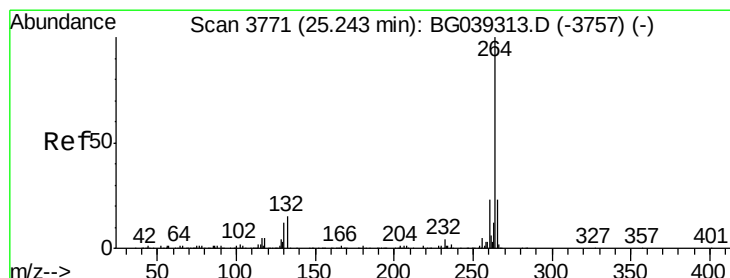
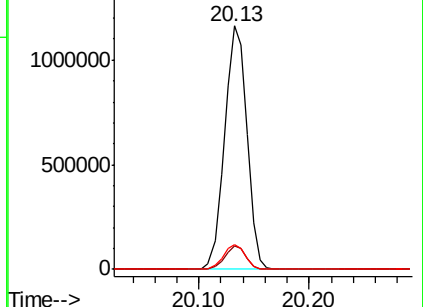
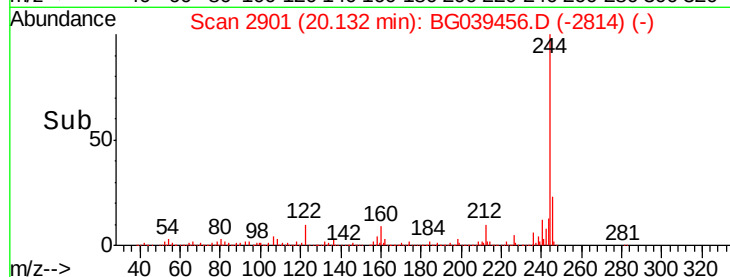
122 10.4 8.4 12.6



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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039456.D

Acq: 12 Feb 2019 8:32

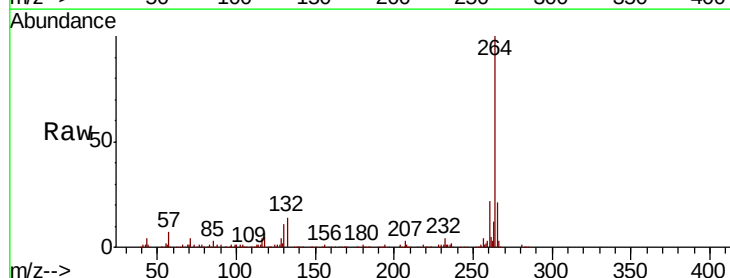
Tgt Ion:264 Resp: 407948

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 21.4 18.5 27.7



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

