

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041405.D
 Acq On : 22 Jun 2019 16:20
 Operator : HP/JU
 Sample : K3455-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-GIS

Quant Time: Jun 24 03:31:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24003	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	82793	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	57968	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	163610	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	196090	20.00	ng	-0.04
87) Perylene-d12	24.99	264	207523	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	177647	135.99	ng	-0.03
7) Phenol-d6	7.21	99	223334	117.94	ng	-0.03
23) Nitrobenzene-d5	9.23	82	195829	99.47	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	151640	170.39	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	443910	104.08	ng	-0.03
79) Terphenyl-d14	20.04	244	1046727	105.79	ng	-0.03

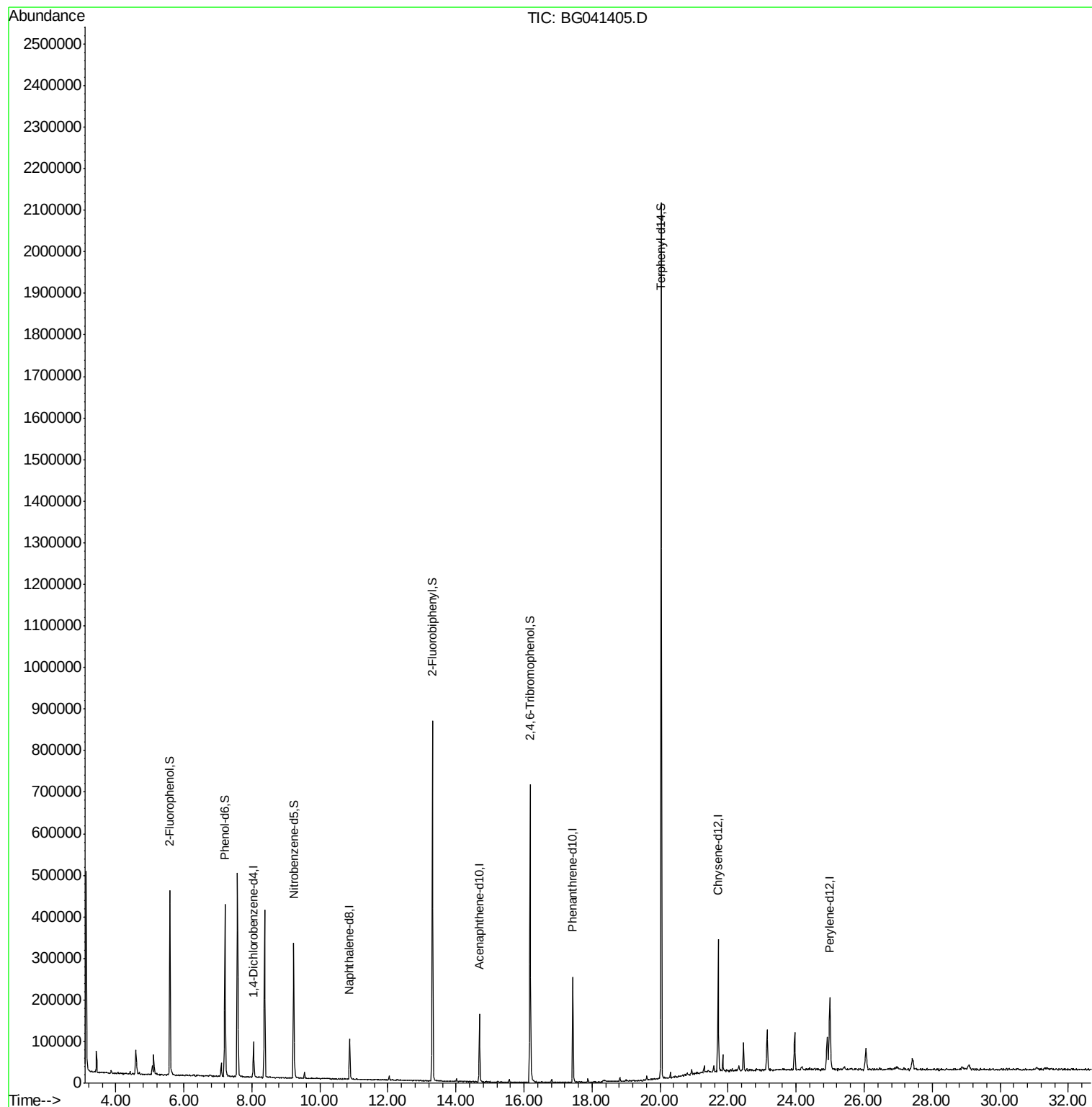
Target Compounds Qvalue

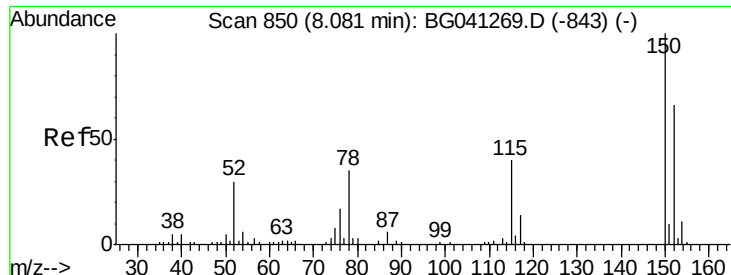
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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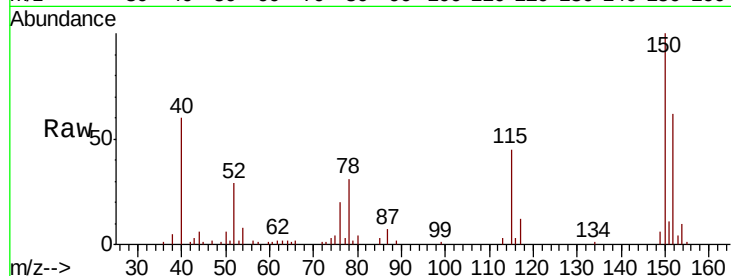


#1

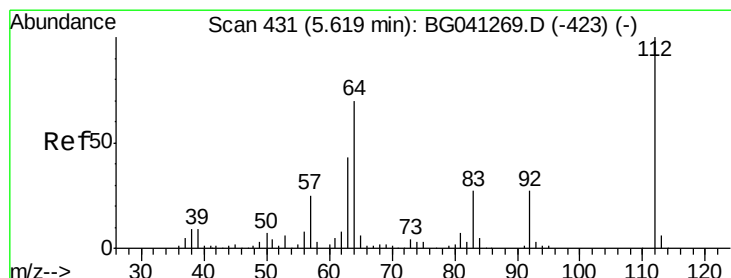
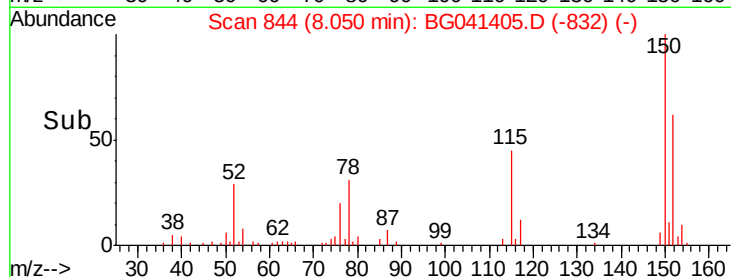
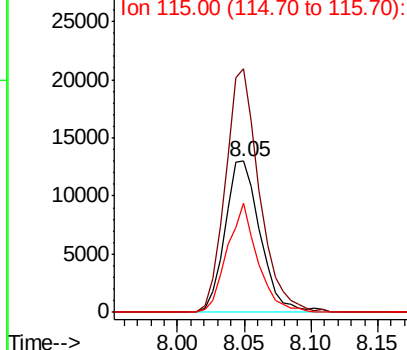
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :
TP-3-GIS

Tot Ion:152 Resp: 24003
Ion Ratio Lower Upper
152 100
150 160.8 120.6 181.0
115 72.5 47.9 71.9#



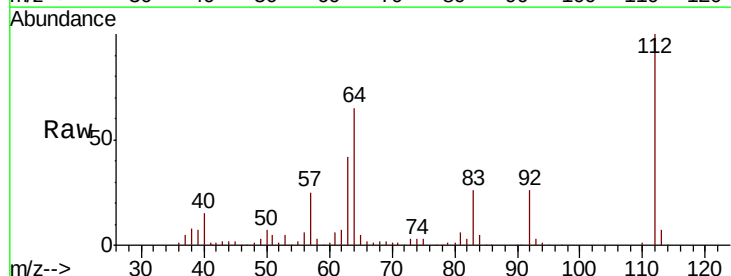
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



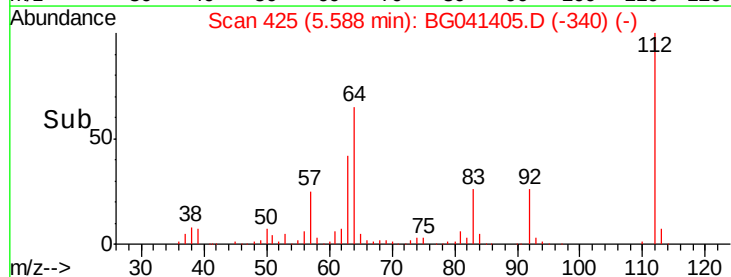
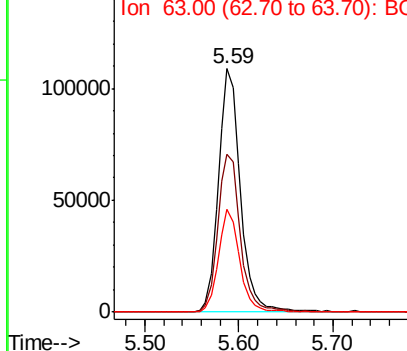
#5

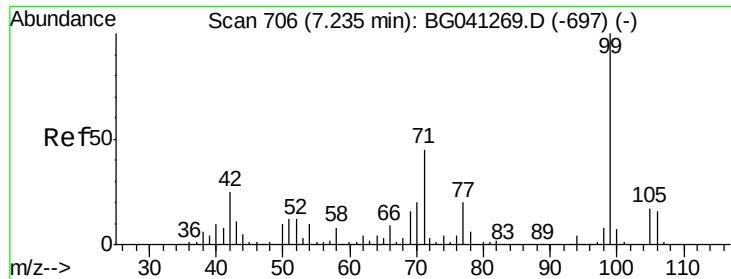
2-Fluorophenol
Concen: 135.988 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Tgt Ion:112 Resp: 177647
Ion Ratio Lower Upper
112 100
64 64.9 55.9 83.9
63 42.5 34.6 51.8



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: 117.944 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041405.D

Acq: 22 Jun 2019 16:20

Instrument :

BNA_G

ClientSampleId :

TP-3-GIS

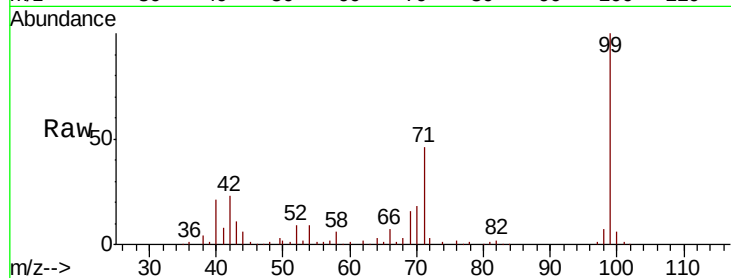
Tot Ion: 99 Resp: 223334

Ion Ratio Lower Upper

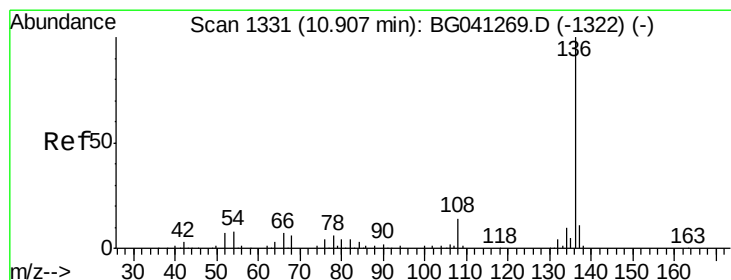
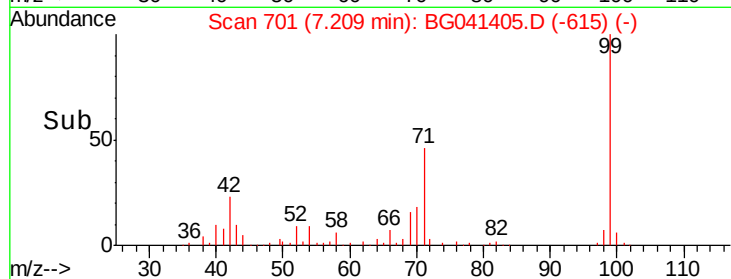
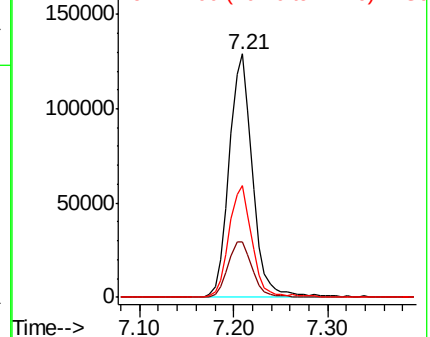
99 100

42 22.6 19.9 29.9

71 46.0 36.4 54.6



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. -0.04 min

Lab File: BG041405.D

Acq: 22 Jun 2019 16:20

Tgt Ion: 136 Resp: 82793

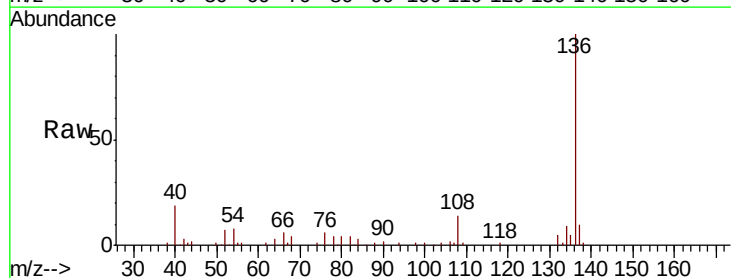
Ion Ratio Lower Upper

136 100

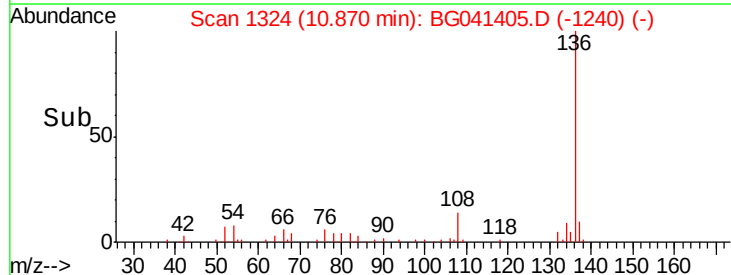
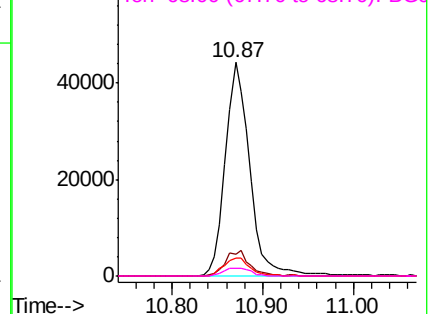
137 10.5 8.8 13.2

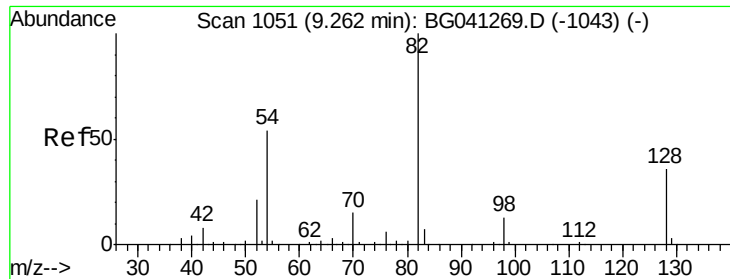
54 8.4 6.4 9.6

68 3.8 4.8 7.2#



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

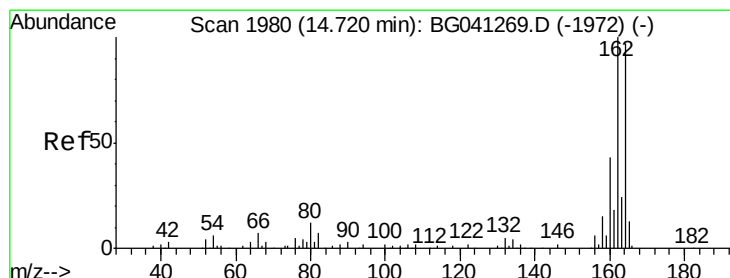
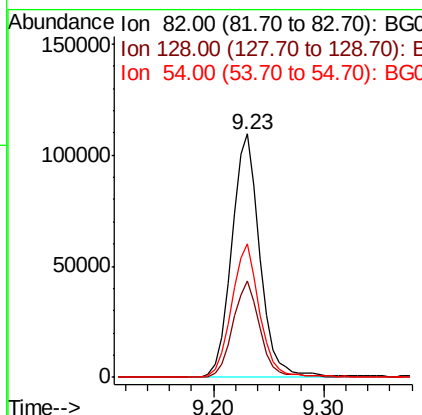
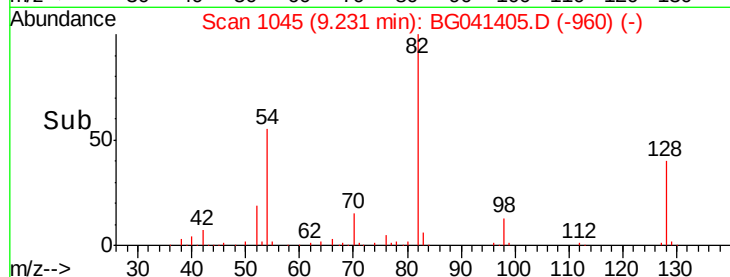
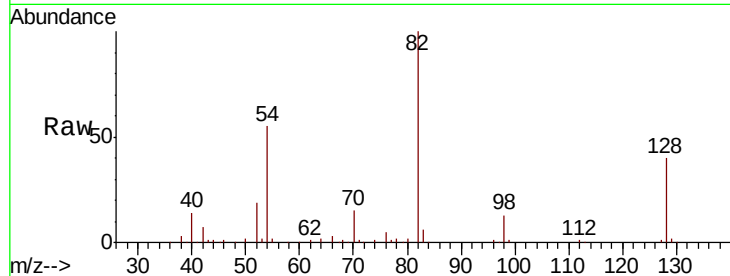




#23
Nitrobenzene-d5
Concen: 99.475 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

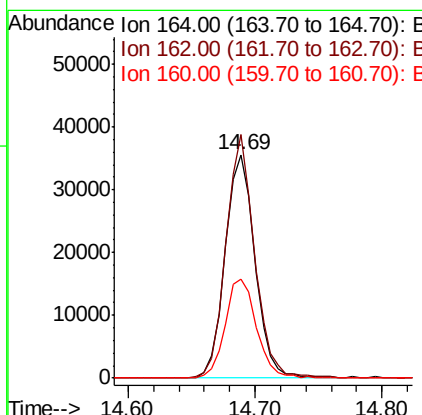
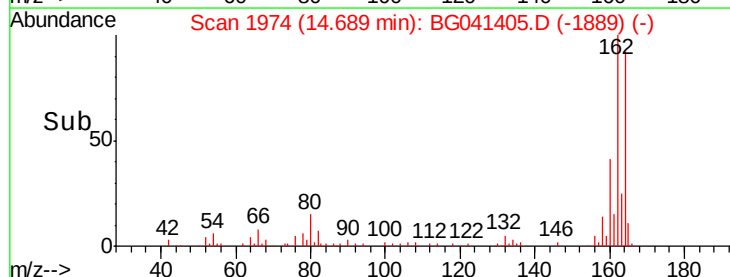
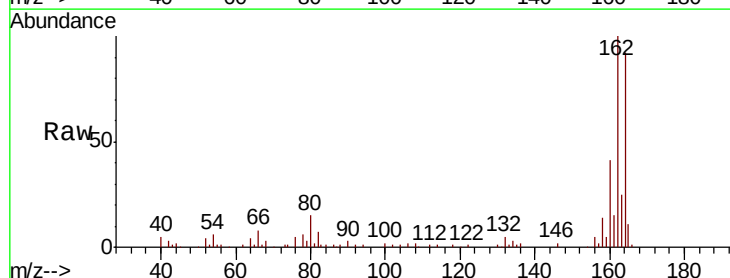
Instrument :
BNA_G
ClientSampled :
TP-3-GIS

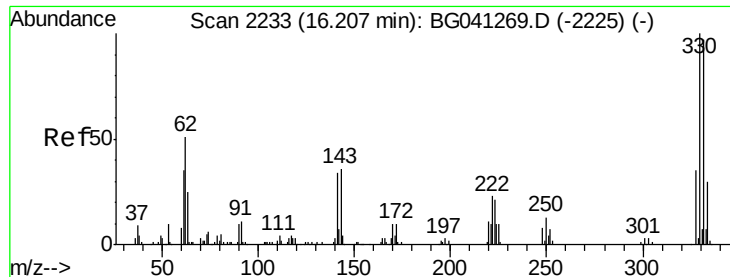
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.2	43.8
54	54.8	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.9	82.8	124.2
160	44.1	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 170.394 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041405.D

Acq: 22 Jun 2019 16:20

Instrument :

BNA_G

ClientSampleId :

TP-3-GIS

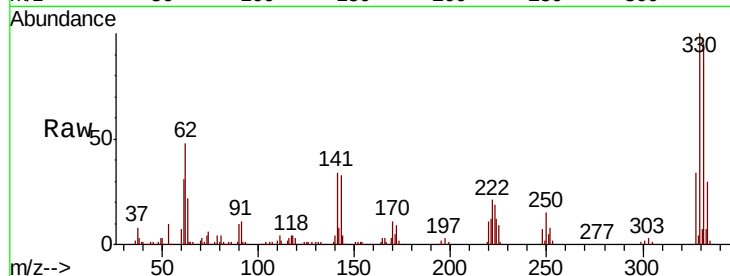
Tot Ion:330 Resp: 151640

Ion Ratio Lower Upper

330 100

332 95.6 75.5 113.3

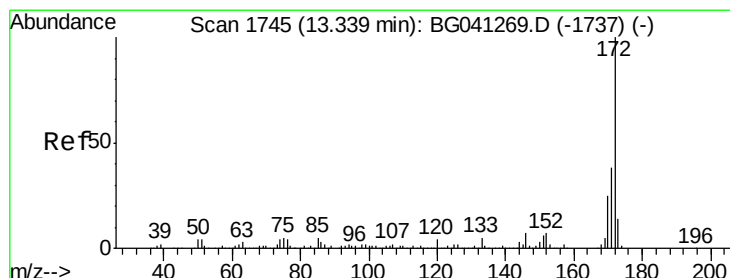
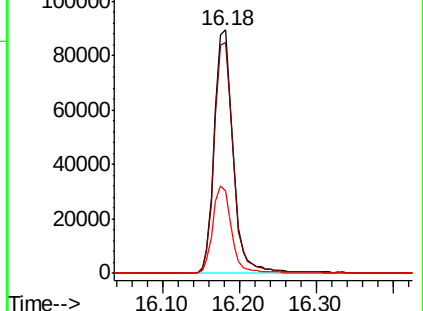
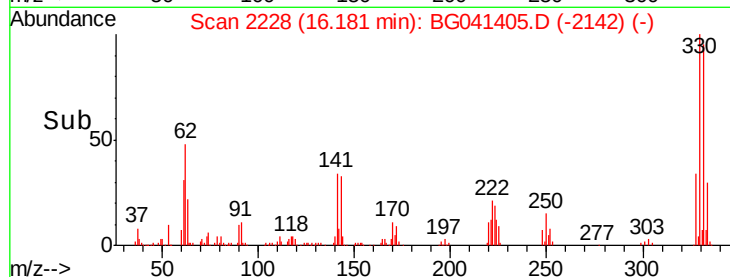
141 35.7 29.0 43.4



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: 104.082 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.03 min

Lab File: BG041405.D

Acq: 22 Jun 2019 16:20

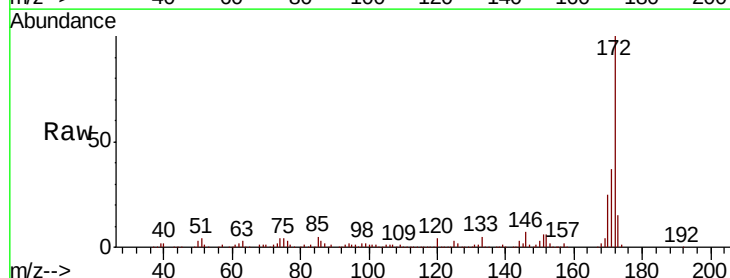
Tgt Ion:172 Resp: 443910

Ion Ratio Lower Upper

172 100

171 36.6 30.0 45.0

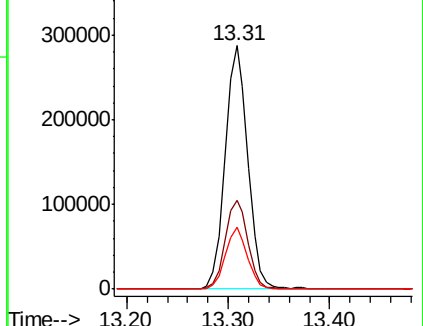
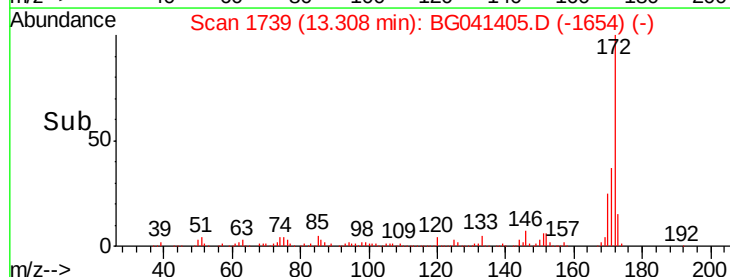
170 25.2 19.8 29.6

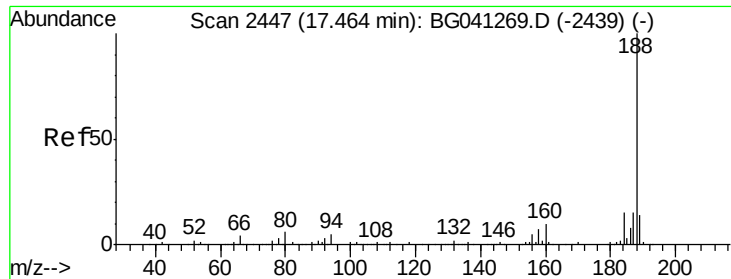


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

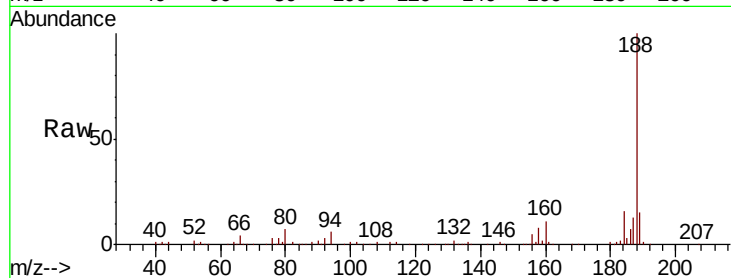




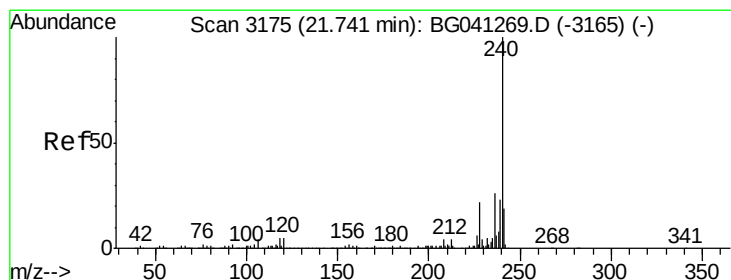
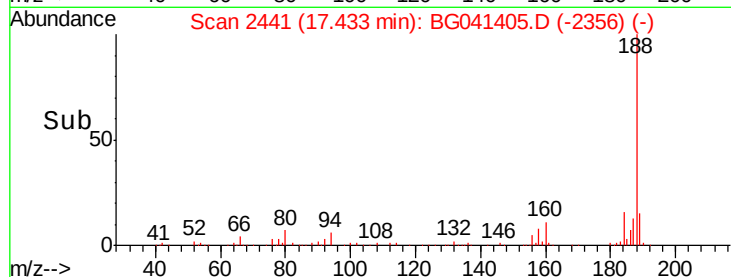
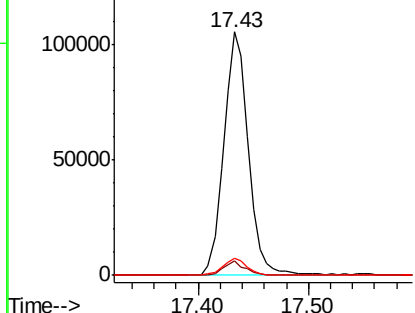
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Instrument :
BNA_G
ClientSampled :
TP-3-GIS

Tot Ion:188 Resp: 163610
Ion Ratio Lower Upper
188 100
94 5.9 3.6 5.4#
80 6.9 4.8 7.2

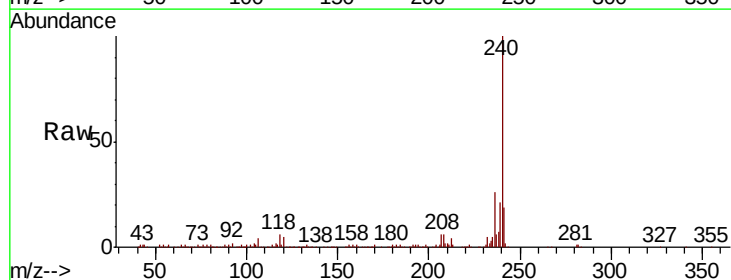


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

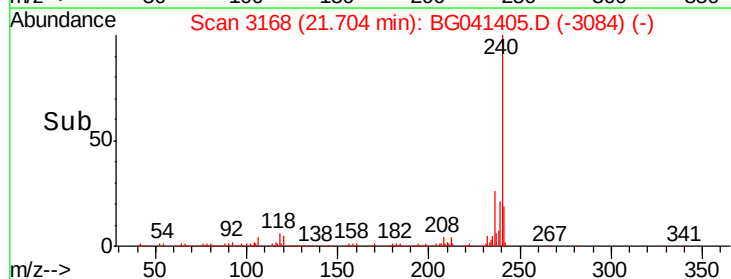
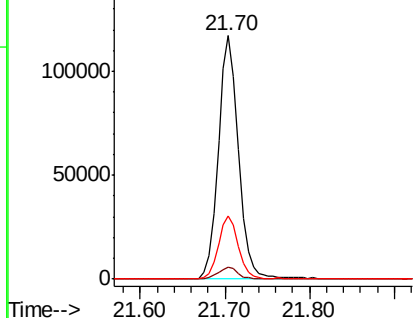


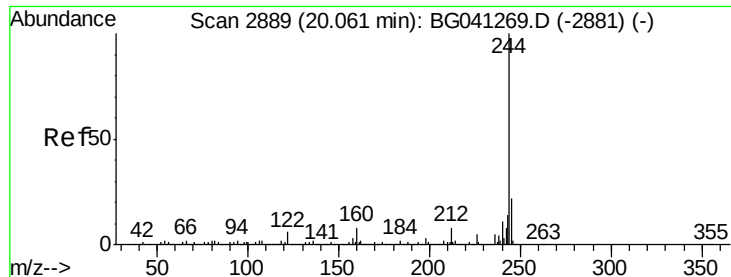
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Tgt Ion:240 Resp: 196090
Ion Ratio Lower Upper
240 100
120 4.7 3.7 5.5
236 26.1 21.1 31.7



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: 105.788 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041405.D

Acq: 22 Jun 2019 16:20

Instrument :

BNA_G

ClientSampled :

TP-3-GIS

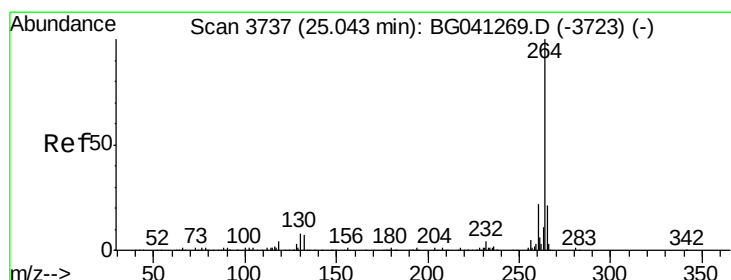
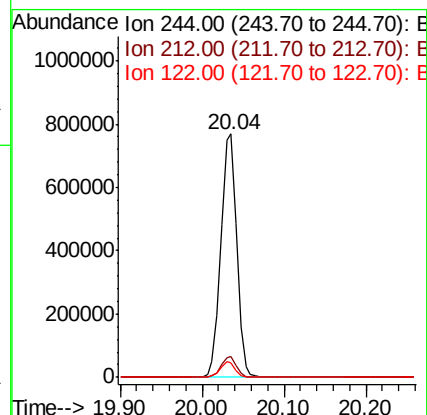
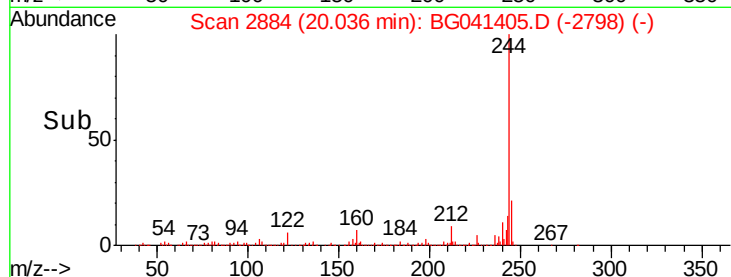
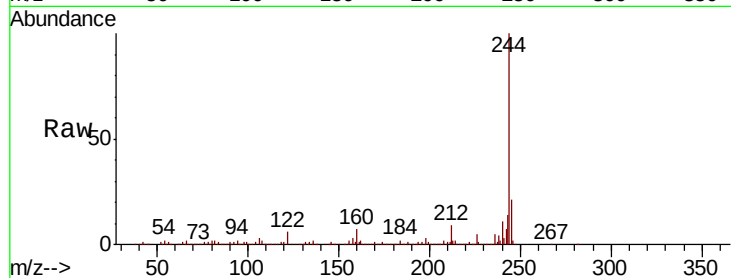
Tot Ion:244 Resp: 1046727

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

122 6.2 5.0 7.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

Delta R.T. -0.05 min

Lab File: BG041405.D

Acq: 22 Jun 2019 16:20

Tgt Ion:264 Resp: 207523

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.2

265 22.5 17.2 25.8

