

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041398.D
 Acq On : 22 Jun 2019 7:21
 Operator : HP/JU
 Sample : K3455-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-GIS

Quant Time: Jun 24 01:42:52 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	33839	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	130016	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	94685	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	227328	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	217753	20.00	ng	-0.03
87) Perylene-d12	25.01	264	233330	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	221481	120.26	ng	-0.02
7) Phenol-d6	7.21	99	280592	105.11	ng	-0.02
23) Nitrobenzene-d5	9.23	82	264706	85.62	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	183104	125.96	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	616066	88.43	ng	-0.03
79) Terphenyl-d14	20.04	244	1006781	91.63	ng	-0.02

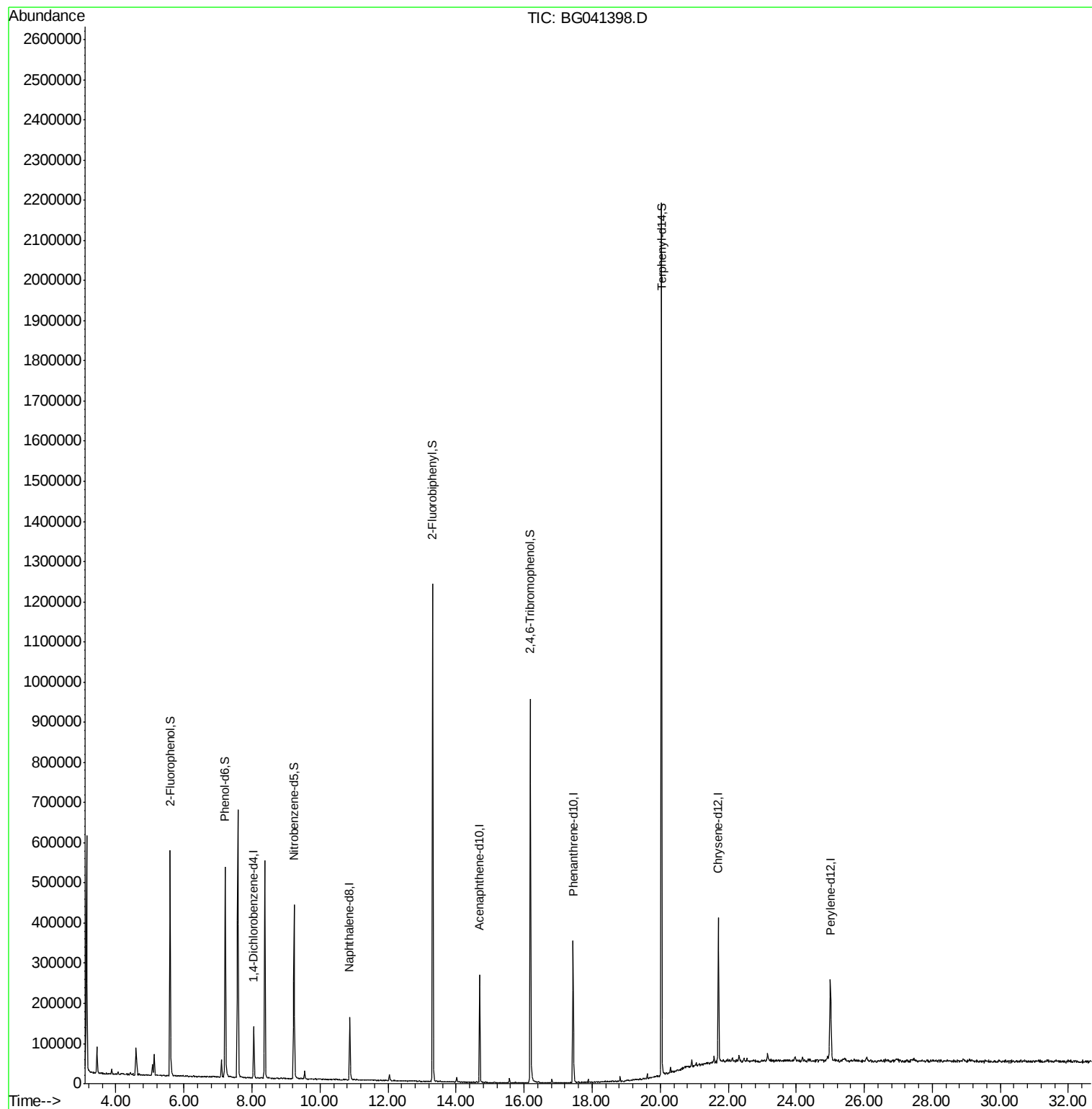
Target Compounds Qvalue

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

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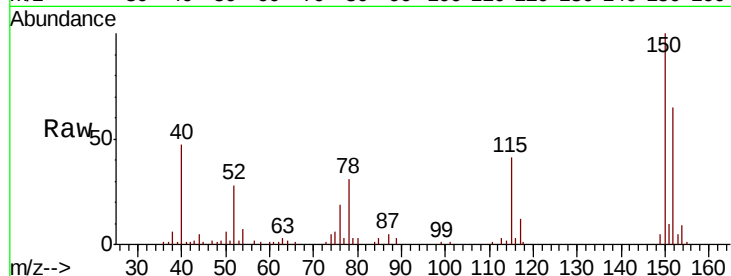


#1

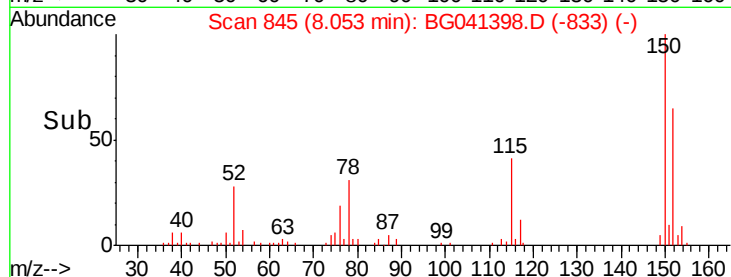
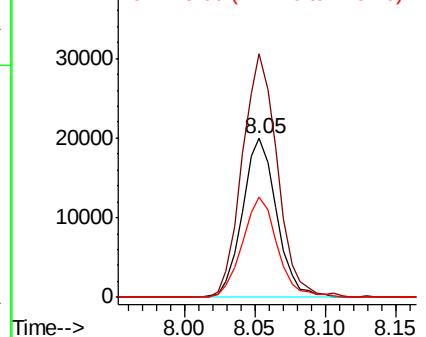
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

Tot Ion:152 Resp: 33839
Ion Ratio Lower Upper
152 100
150 153.1 120.6 181.0
115 63.2 47.9 71.9



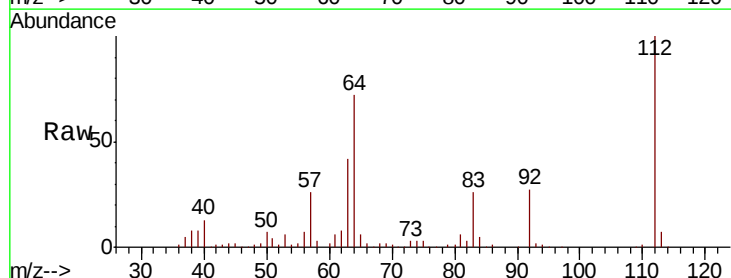
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



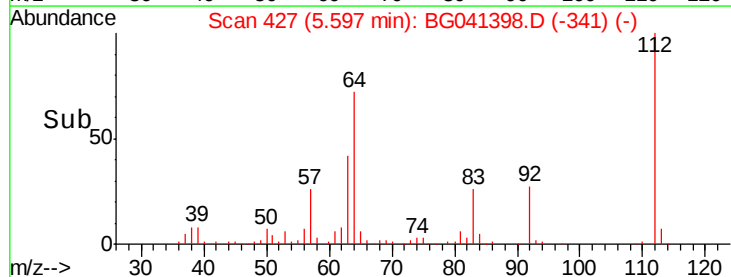
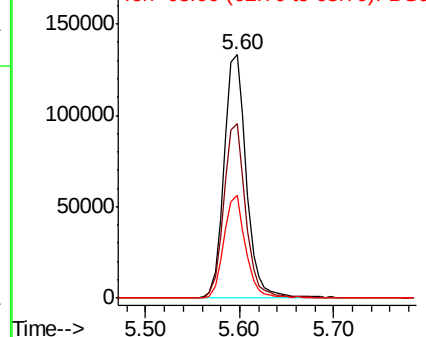
#5

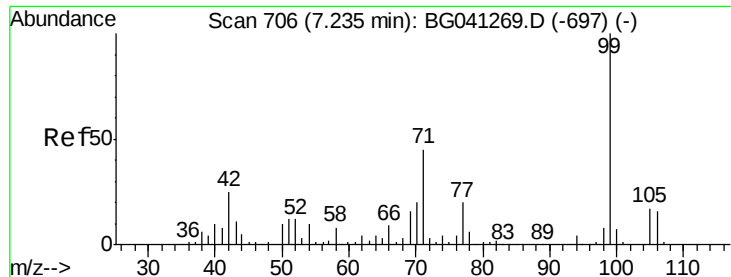
2-Fluorophenol
Concen: 120.261 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Tgt Ion:112 Resp: 221481
Ion Ratio Lower Upper
112 100
64 71.6 55.9 83.9
63 42.2 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.110 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041398.D

Acq: 22 Jun 2019 7:21

Instrument :

BNA_G

ClientSampled :

TP-4-GIS

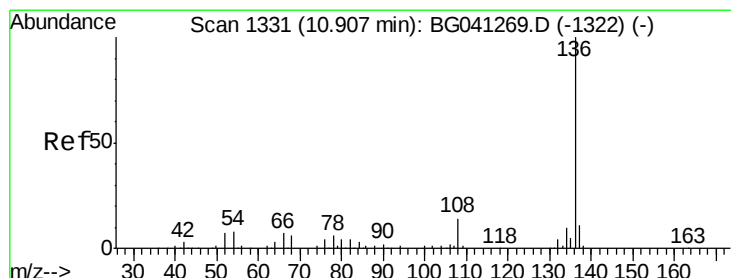
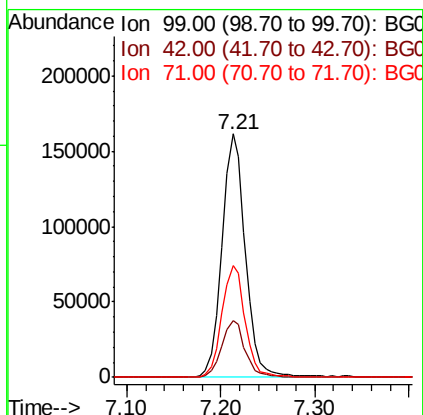
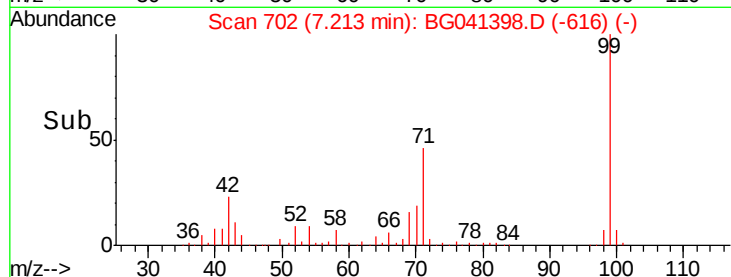
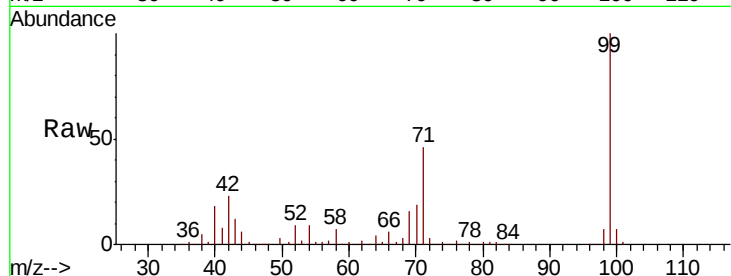
Tot Ion: 99 Resp: 280592

Ion Ratio Lower Upper

99 100

42 23.4 19.9 29.9

71 46.0 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BG041398.D

Acq: 22 Jun 2019 7:21

Tgt Ion: 136 Resp: 130016

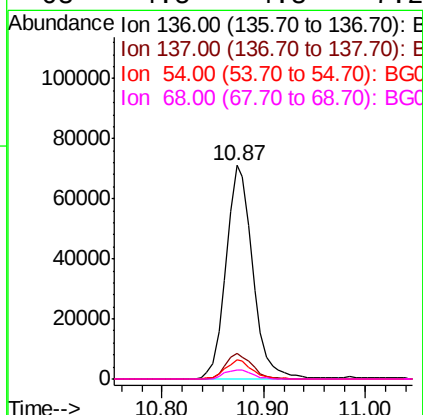
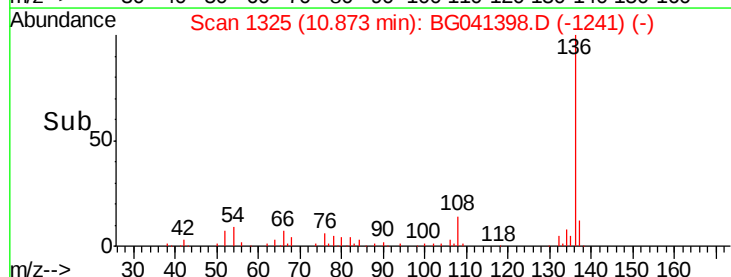
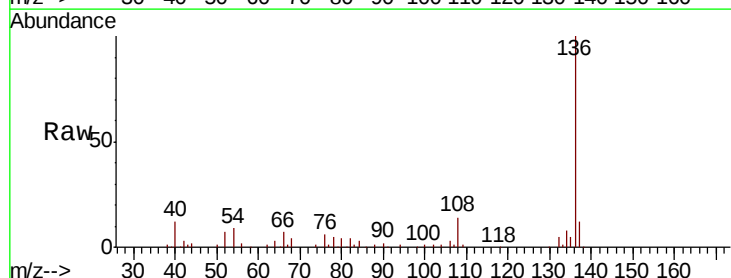
Ion Ratio Lower Upper

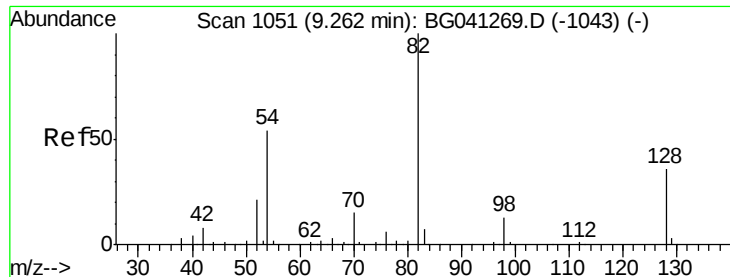
136 100

137 11.8 8.8 13.2

54 8.7 6.4 9.6

68 4.5 4.8 7.2#

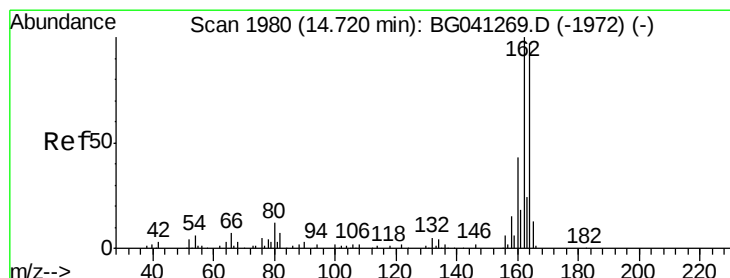
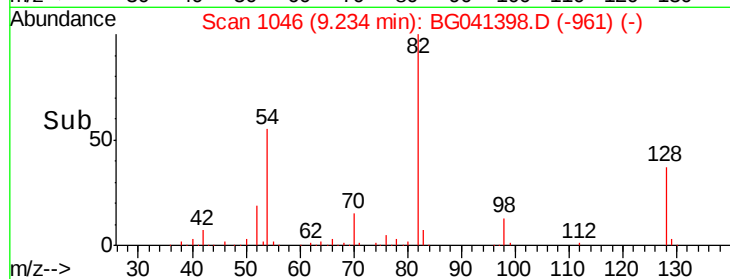
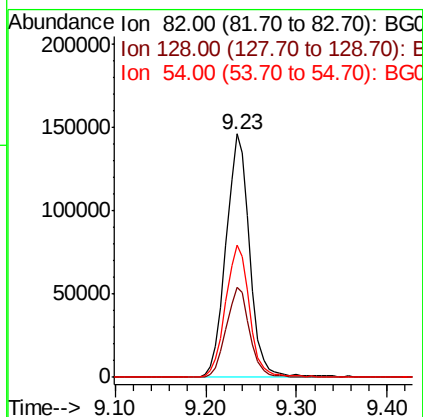
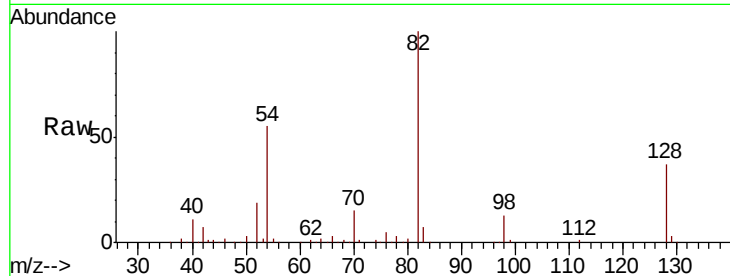




#23
Nitrobenzene-d5
Concen: 85.624 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

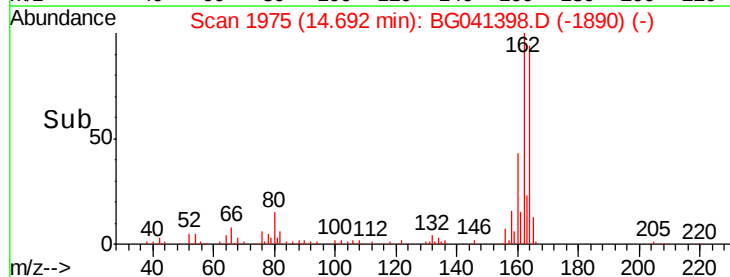
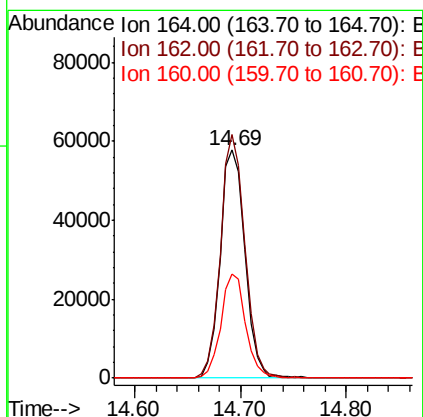
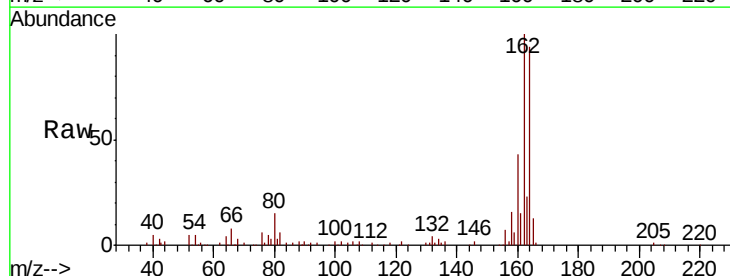
Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

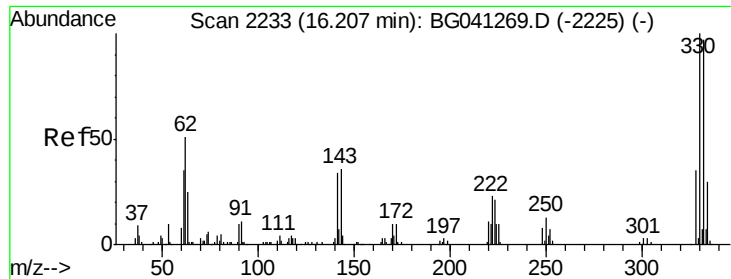
Tot Ion	82	Resp	264706
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.2	43.8
54	54.6	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Tgt Ion	164	Resp	94685
Ion Ratio	Lower	Upper	
164	100		
162	106.8	82.8	124.2
160	45.7	35.8	53.8

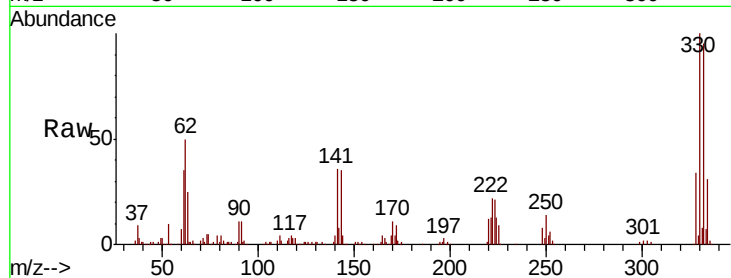




#42
 2,4,6-Tribromophenol
 Concen: 125.964 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BG041398.D
 Acq: 22 Jun 2019 7:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-GIS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.5	113.3
141	35.9	29.0	43.4

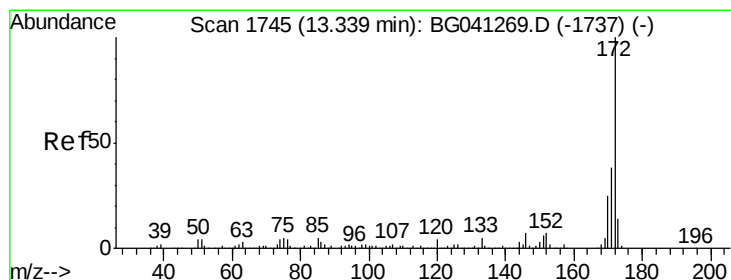
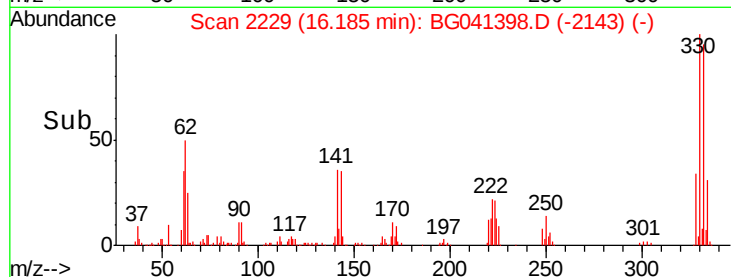
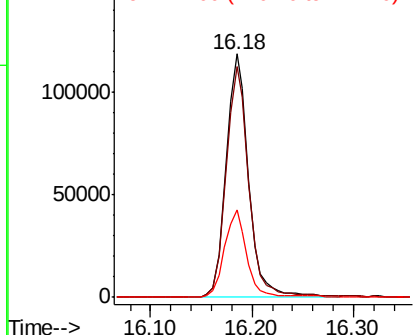


Abundance

Ion 329.80 (329.50 to 330.50): E

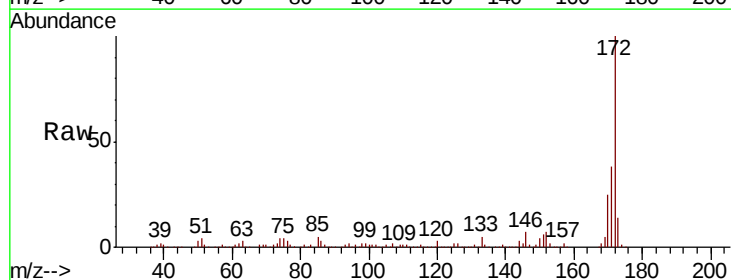
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.433 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.03 min
 Lab File: BG041398.D
 Acq: 22 Jun 2019 7:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.9	19.8	29.6

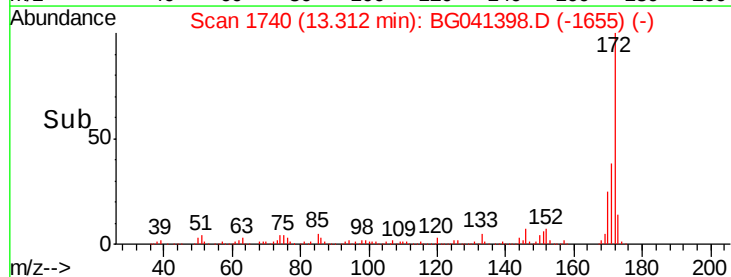
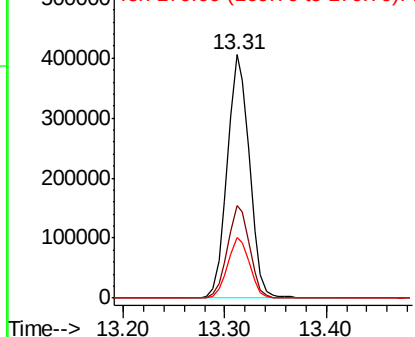


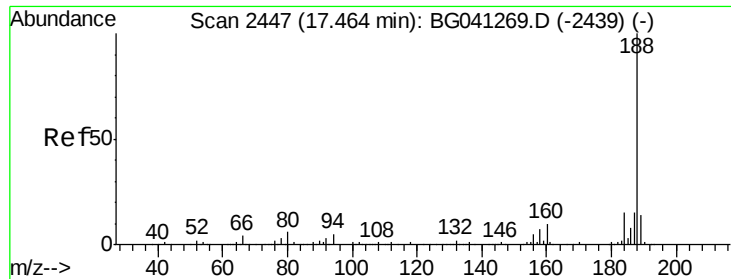
Abundance

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: 17.44 min Scan# 2443

Delta R.T. -0.02 min

Lab File: BG041398.D

Acq: 22 Jun 2019 7:21

Instrument :

BNA_G

ClientSampleId :

TP-4-GIS

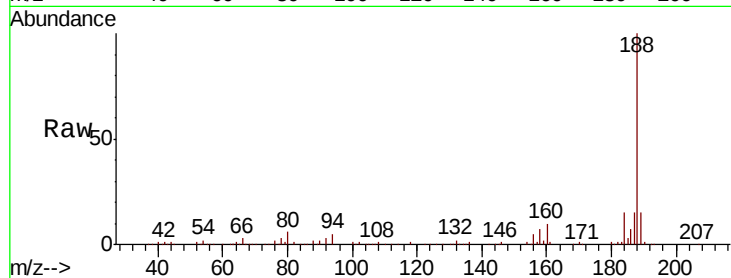
Tot Ion:188 Resp: 227328

Ion Ratio Lower Upper

188 100

94 5.2 3.6 5.4

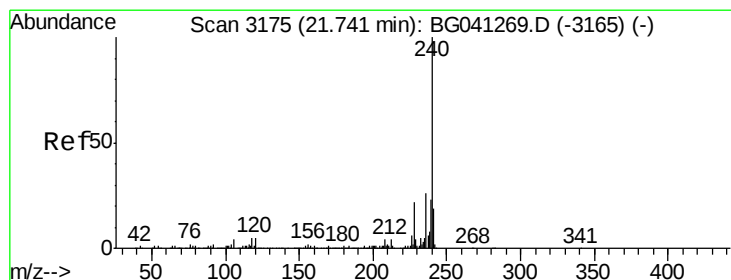
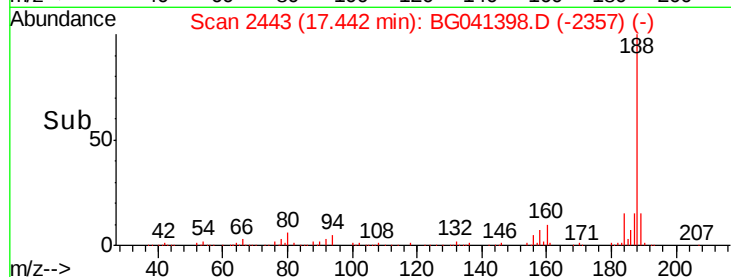
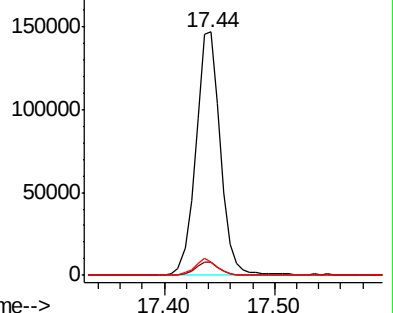
80 5.5 4.8 7.2



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: 21.71 min Scan# 3169

Delta R.T. -0.03 min

Lab File: BG041398.D

Acq: 22 Jun 2019 7:21

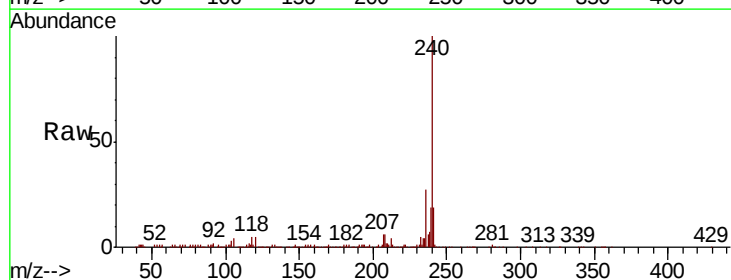
Tgt Ion:240 Resp: 217753

Ion Ratio Lower Upper

240 100

120 5.1 3.7 5.5

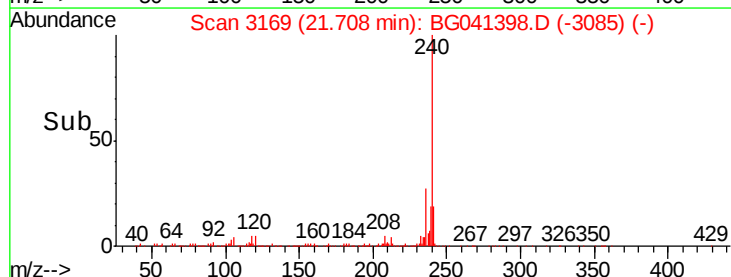
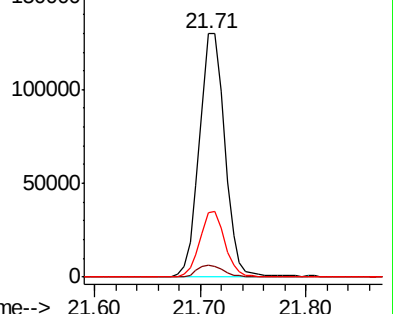
236 26.6 21.1 31.7

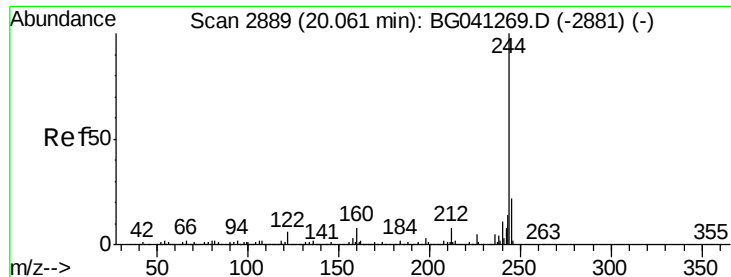


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.628 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041398.D

Acq: 22 Jun 2019 7:21

Instrument :

BNA_G

ClientSampleId :

TP-4-GIS

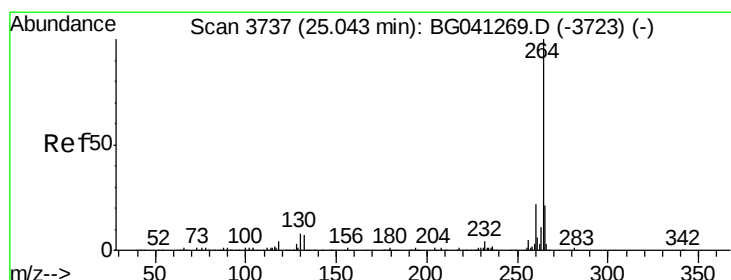
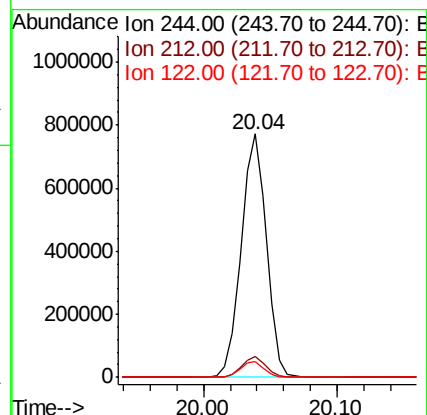
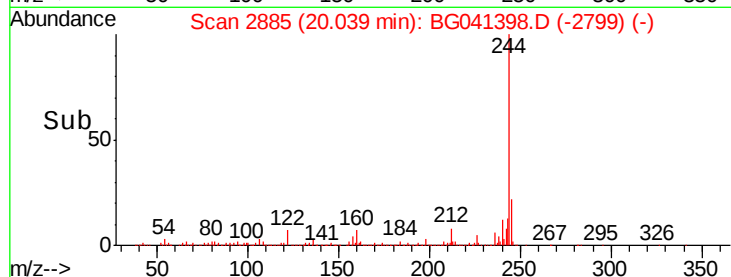
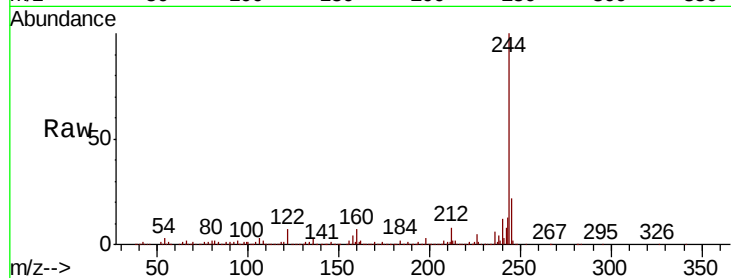
Tot Ion:244 Resp: 1006781

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

122 6.7 5.0 7.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG041398.D

Acq: 22 Jun 2019 7:21

Tgt Ion:264 Resp: 233330

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.2

265 21.2 17.2 25.8

