

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041391.D
 Acq On : 22 Jun 2019 2:06
 Operator : HP/JU
 Sample : K3455-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-GIS

Quant Time: Jun 22 05:01:46 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	28251	20.00	ng	-0.03
21) Naphthalene-d8	10.88	136	103187	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	76714	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	213617	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	221482	20.00	ng	-0.03
87) Perylene-d12	25.00	264	234033	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	184441	119.96	ng	-0.03
7) Phenol-d6	7.21	99	231152	103.72	ng	-0.02
23) Nitrobenzene-d5	9.23	82	217653	88.71	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	169561	143.97	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	510798	90.50	ng	-0.03
79) Terphenyl-d14	20.04	244	1074870	96.18	ng	-0.02

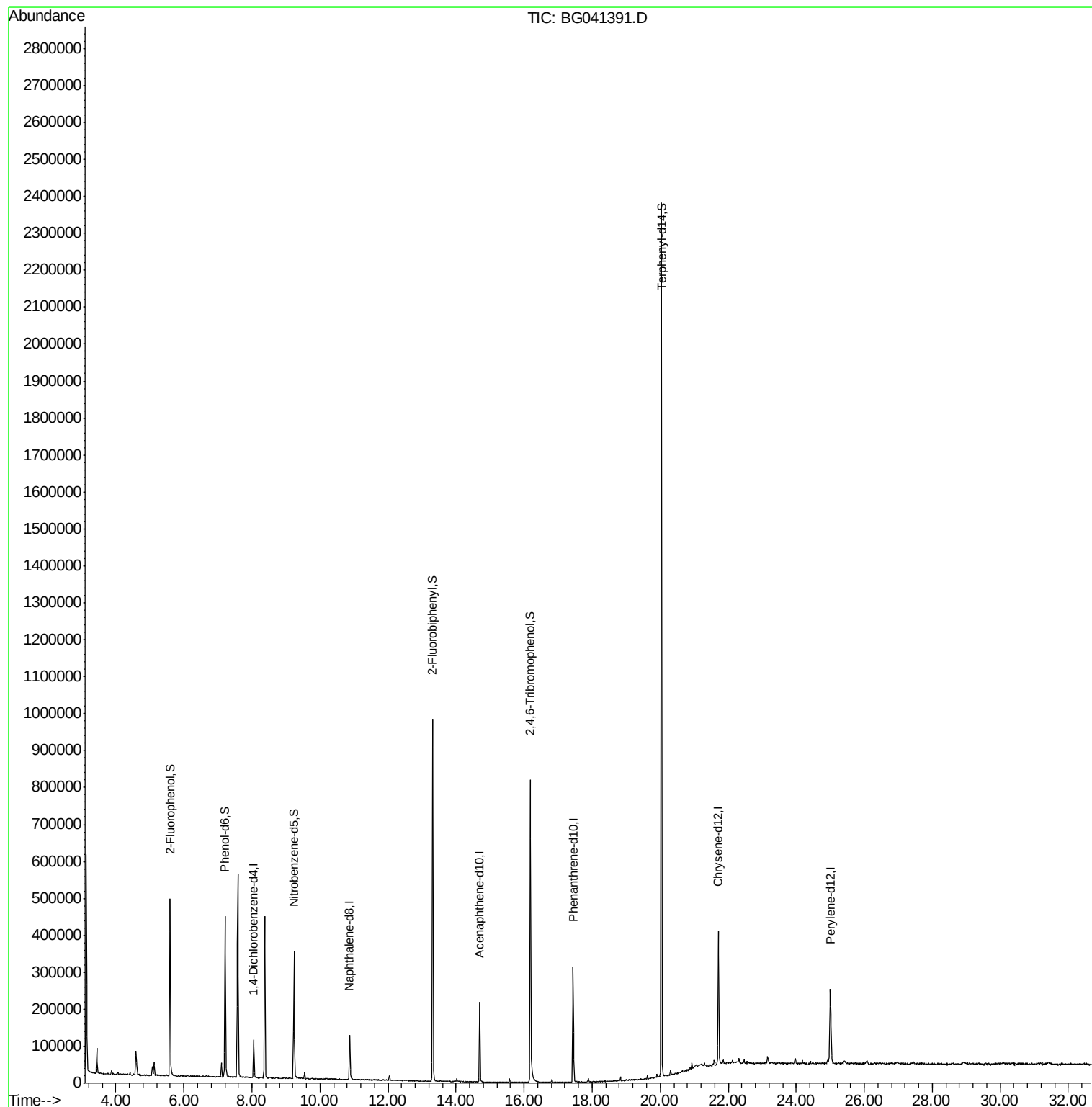
Target Compounds Qvalue

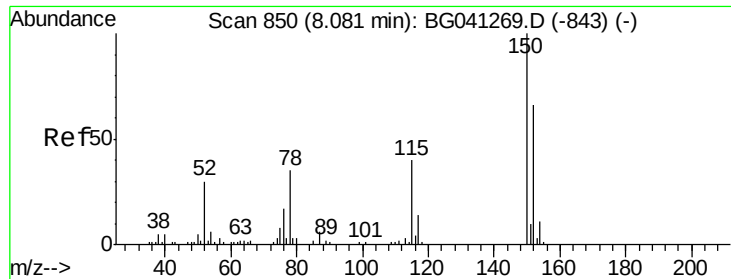
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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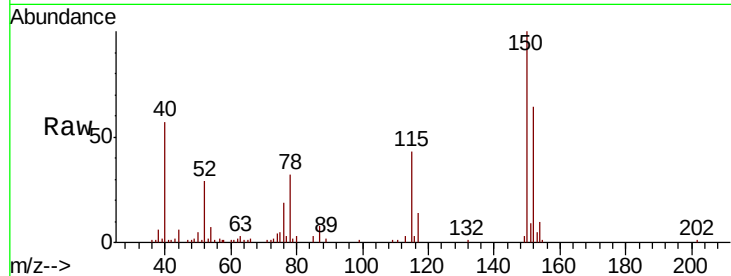


#1

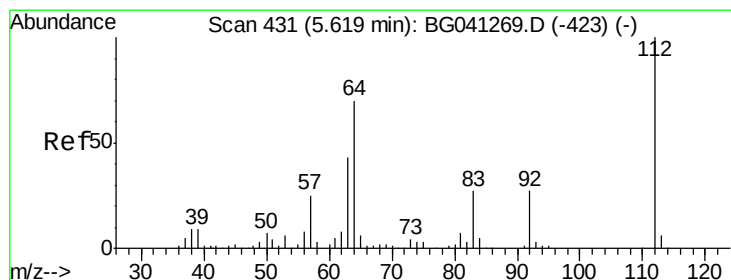
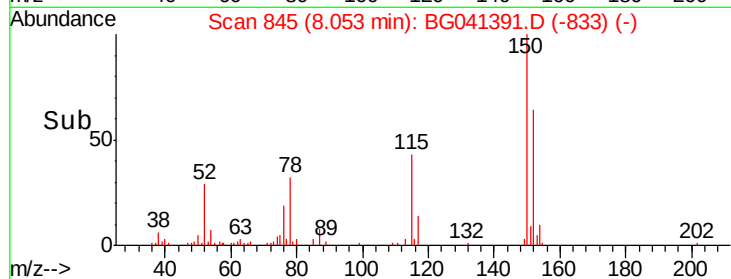
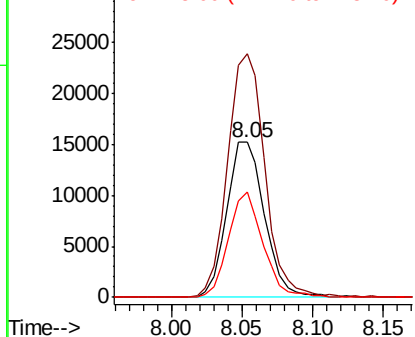
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041391.D
Acq: 22 Jun 2019 2:06

Instrument :
BNA_G
ClientSampleId :
TP-2-GIS

Tot Ion:152 Resp: 28251
Ion Ratio Lower Upper
152 100
150 157.0 120.6 181.0
115 67.8 47.9 71.9



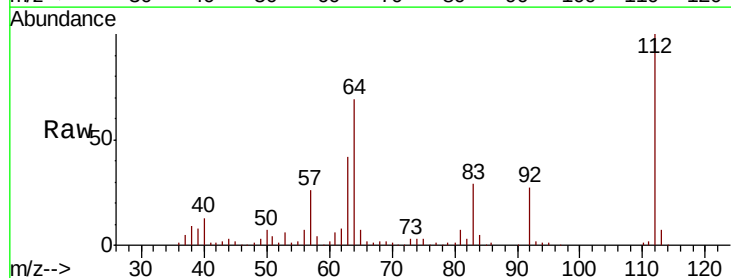
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



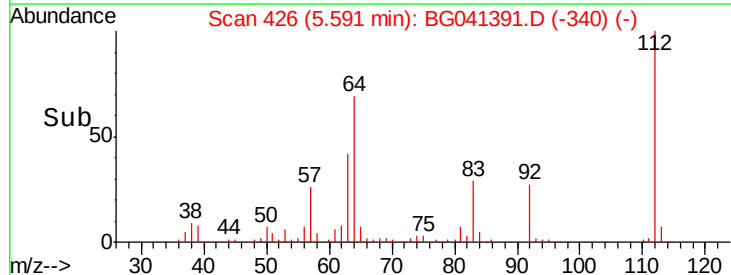
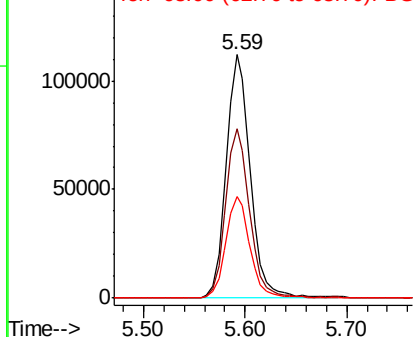
#5

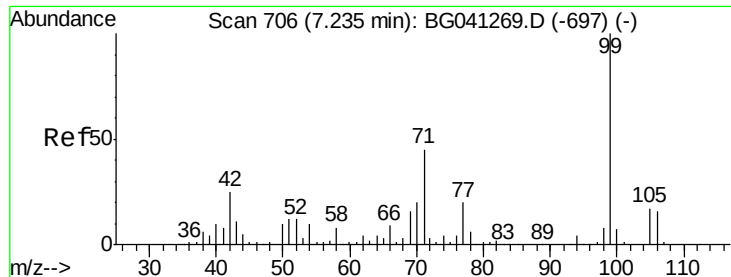
2-Fluorophenol
Concen: 119.958 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041391.D
Acq: 22 Jun 2019 2:06

Tgt Ion:112 Resp: 184441
Ion Ratio Lower Upper
112 100
64 69.5 55.9 83.9
63 42.0 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: 103.717 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041391.D

Acq: 22 Jun 2019 2:06

Instrument :

BNA_G

ClientSampleId :

TP-2-GIS

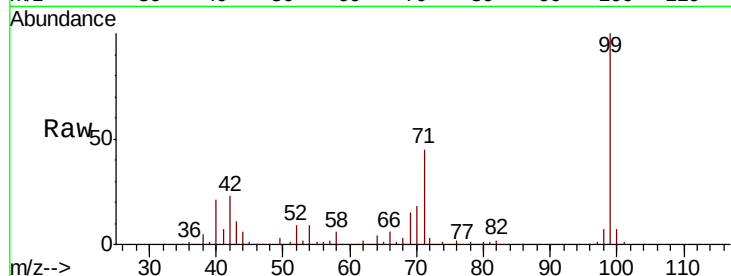
Tot Ion: 99 Resp: 231152

Ion Ratio Lower Upper

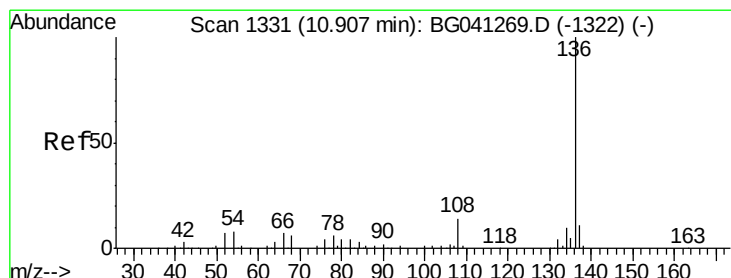
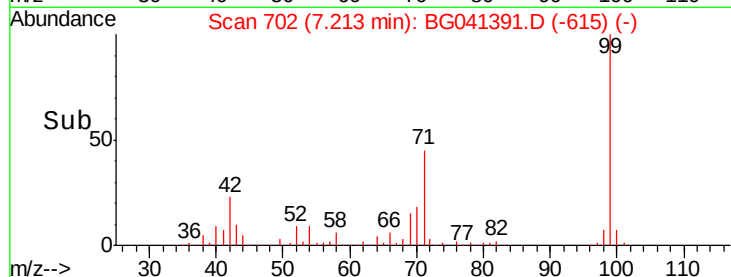
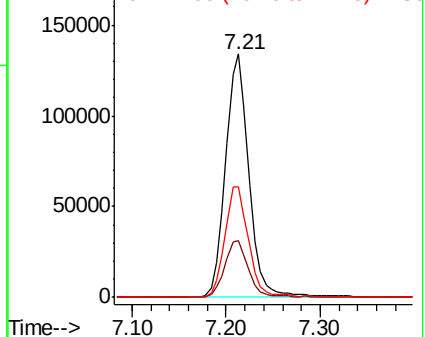
99 100

42 23.2 19.9 29.9

71 45.2 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: 10.88 min Scan# 1326

Delta R.T. -0.03 min

Lab File: BG041391.D

Acq: 22 Jun 2019 2:06

Tgt Ion: 136 Resp: 103187

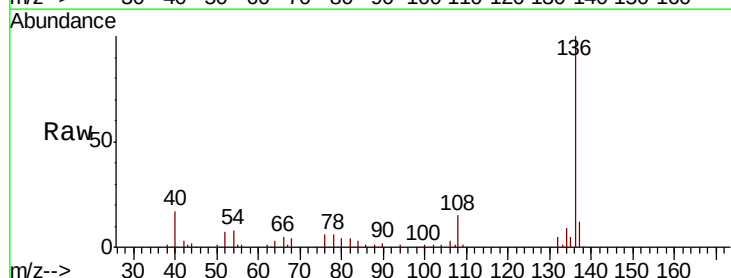
Ion Ratio Lower Upper

136 100

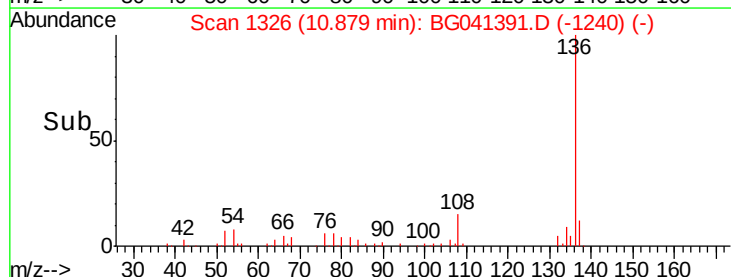
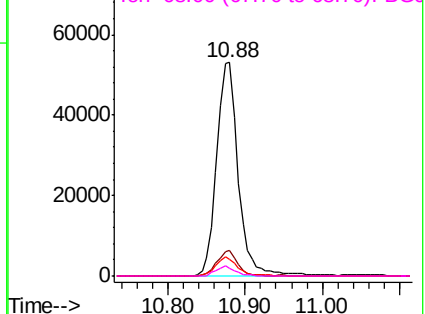
137 12.2 8.8 13.2

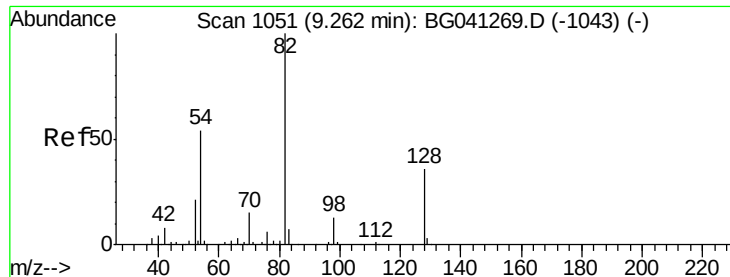
54 8.1 6.4 9.6

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

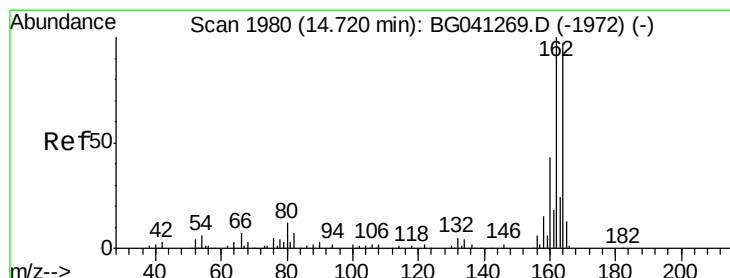
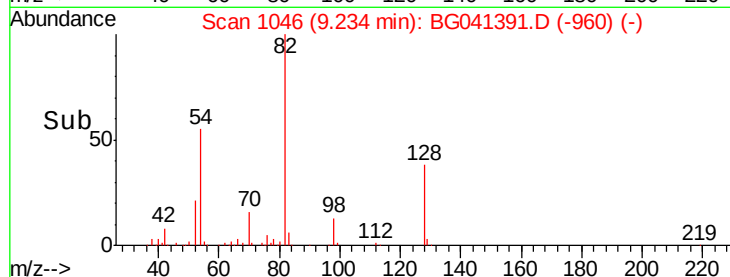
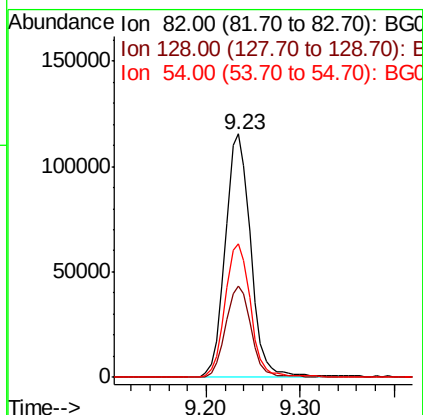
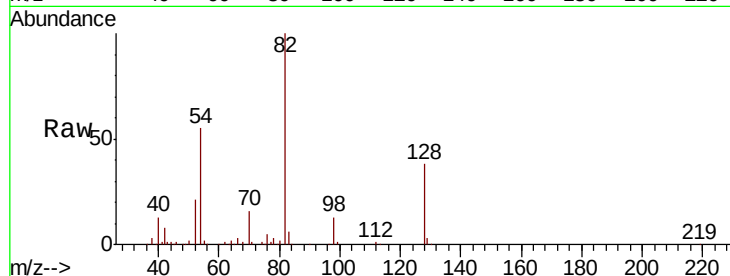




#23
Nitrobenzene-d5
Concen: 88.709 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041391.D
Acq: 22 Jun 2019 2:06

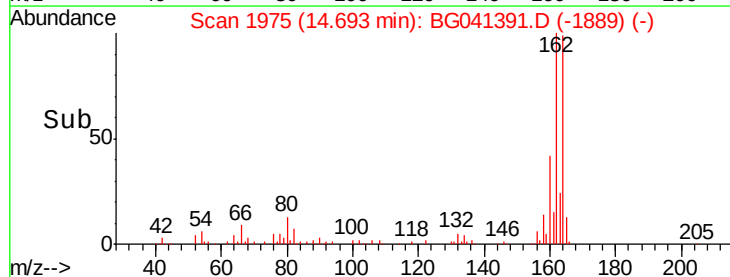
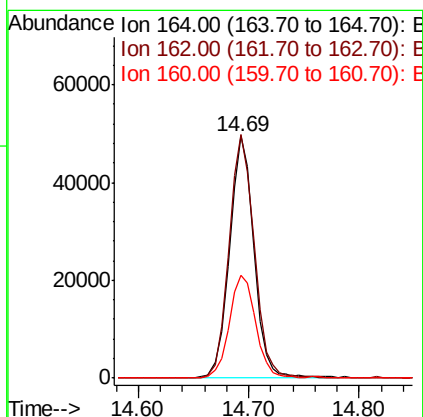
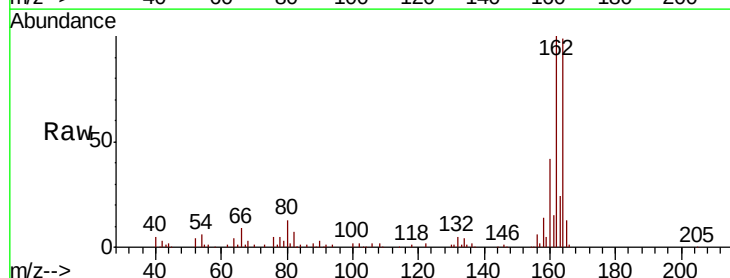
Instrument :
BNA_G
ClientSampleId :
TP-2-GIS

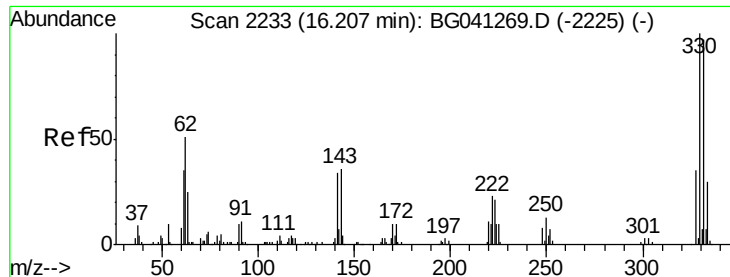
Tot Ion	82	Resp	217653
Ion Ratio	100	Lower	Upper
128	37.5	29.2	43.8
54	55.1	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041391.D
Acq: 22 Jun 2019 2:06

Tgt Ion	164	Resp	76714
Ion Ratio	100	Lower	Upper
162	100.7	82.8	124.2
160	42.7	35.8	53.8

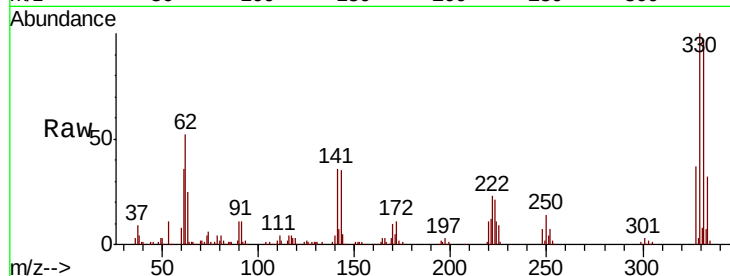




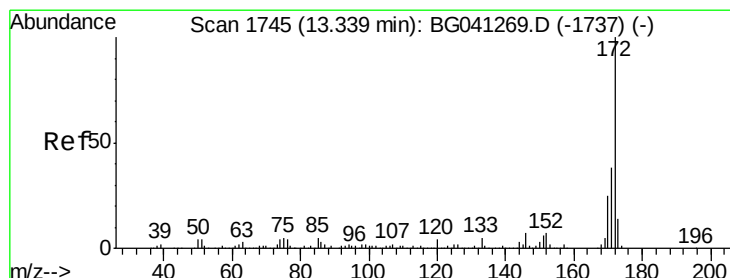
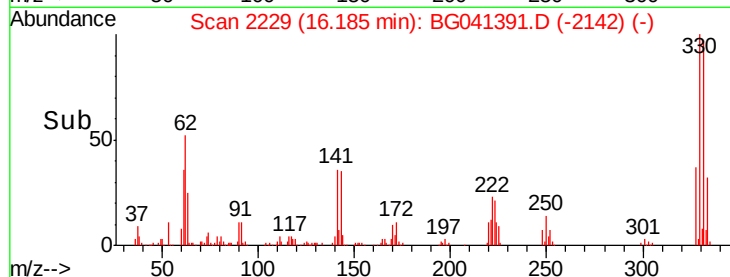
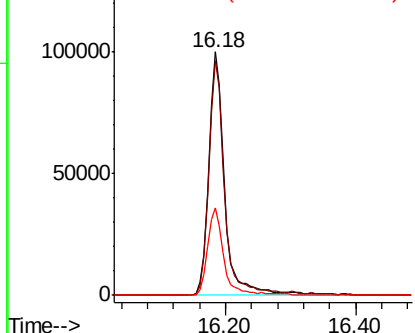
#42
 2,4,6-Tribromophenol
 Concen: 143.973 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BG041391.D
 Acq: 22 Jun 2019 2:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-GIS

Tot Ion:330 Resp: 169561
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.5 113.3
 141 36.4 29.0 43.4

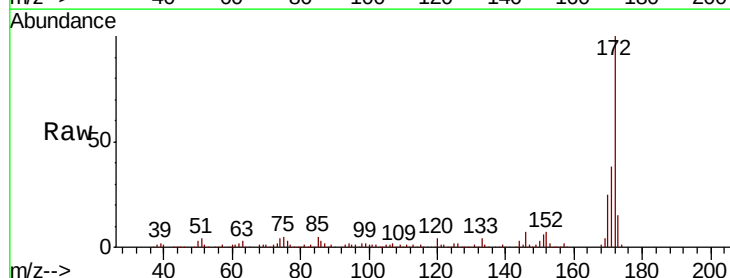


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

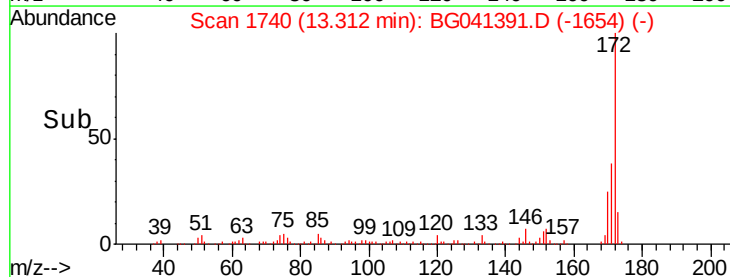
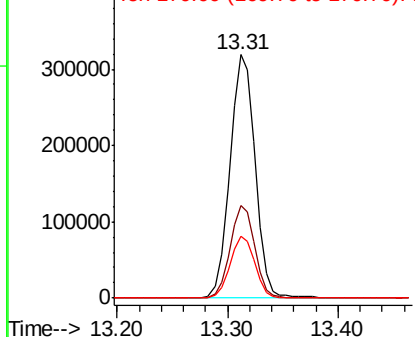


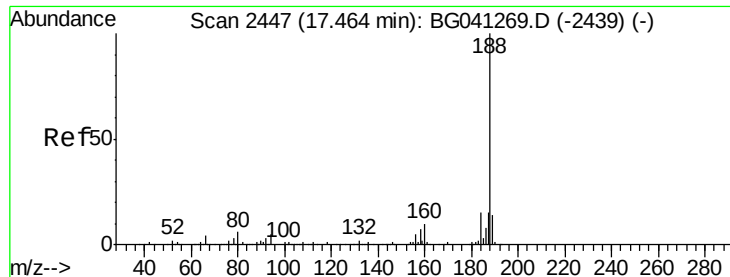
#45
 2-Fluorobiphenyl
 Concen: 90.499 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.03 min
 Lab File: BG041391.D
 Acq: 22 Jun 2019 2:06

Tgt Ion:172 Resp: 510798
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 25.4 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: BG041391.D

Acq: 22 Jun 2019 2:06

Instrument :

BNA_G

ClientSampleId :

TP-2-GIS

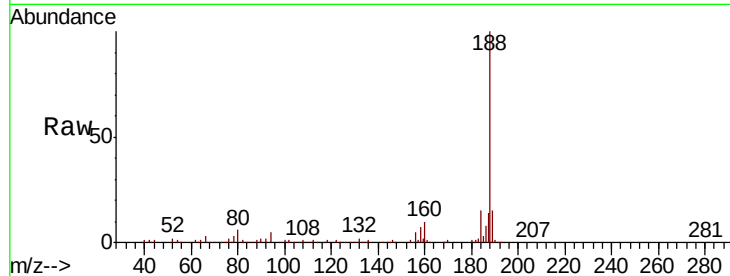
Tot Ion:188 Resp: 213617

Ion Ratio Lower Upper

188 100

94 4.6 3.6 5.4

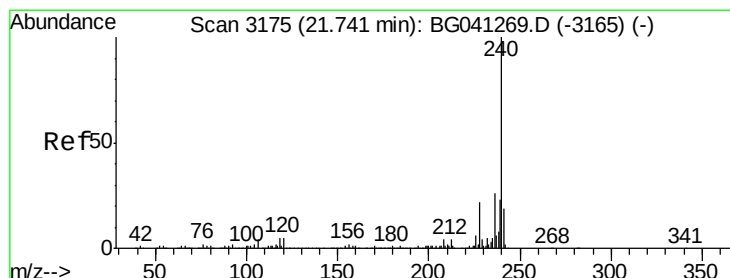
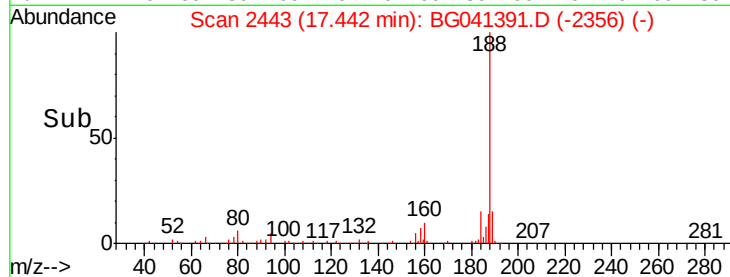
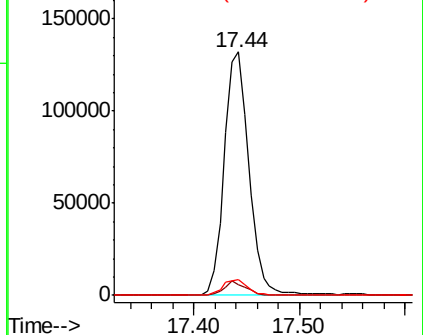
80 6.5 4.8 7.2



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: 21.71 min Scan# 3170

Delta R.T. -0.03 min

Lab File: BG041391.D

Acq: 22 Jun 2019 2:06

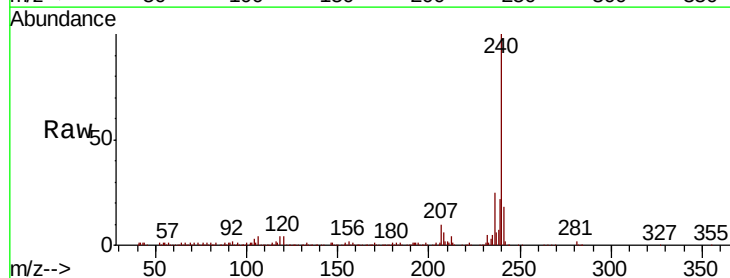
Tgt Ion:240 Resp: 221482

Ion Ratio Lower Upper

240 100

120 4.1 3.7 5.5

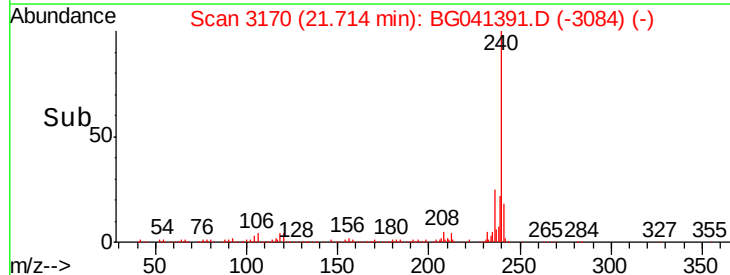
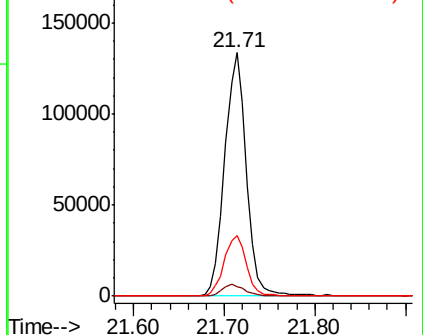
236 24.9 21.1 31.7

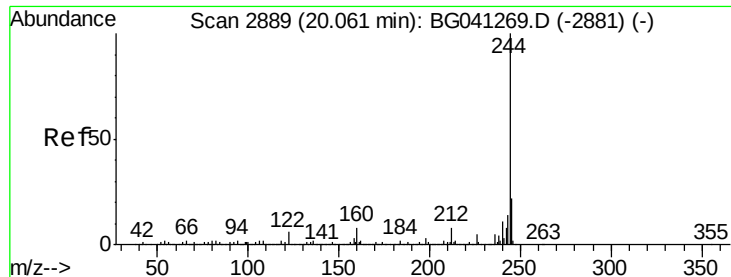


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.178 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041391.D

Acq: 22 Jun 2019 2:06

Instrument :

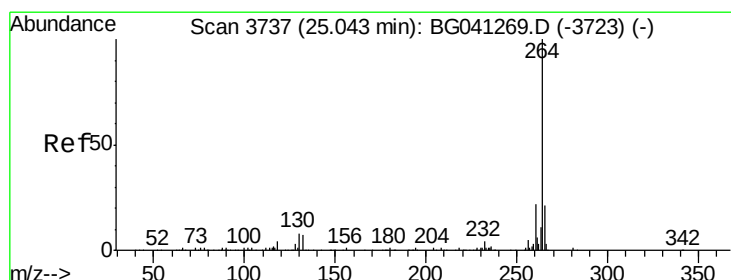
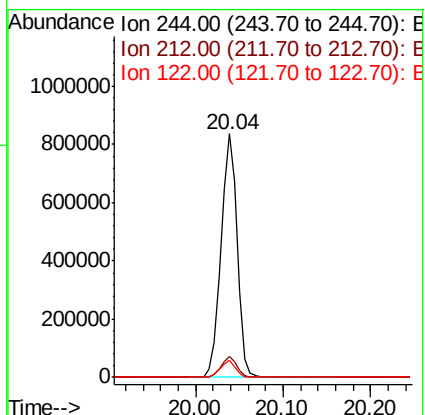
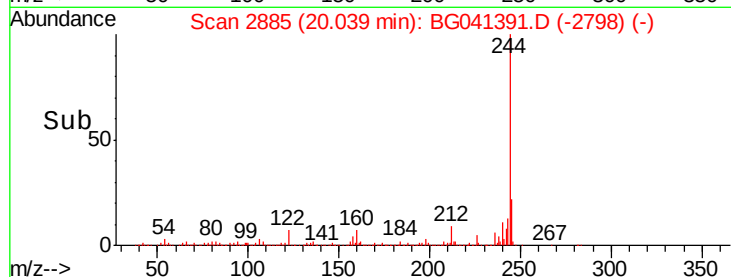
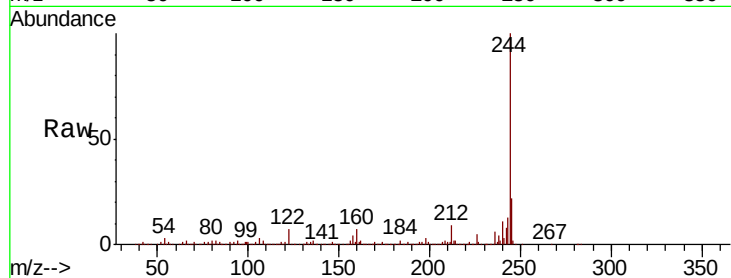
BNA_G

ClientSampled :

TP-2-GIS

Tot Ion:244 Resp: 1074870

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	10.0
122	6.8	5.0	7.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG041391.D

Acq: 22 Jun 2019 2:06

Tgt Ion:264 Resp: 234033

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.2
265	21.7	17.2	25.8

