

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062519\
 Data File : BG041458.D
 Acq On : 26 Jun 2019 00:06
 Operator : HP/JU
 Sample : K3482-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Jun 26 05:11:29 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	8.04	152	29863	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	106772	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	74660	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	190809	20.00	ng	-0.04
76) Chrysene-d12	21.70	240	211030	20.00	ng	-0.04
87) Perylene-d12	24.98	264	220941	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	205966	126.73	ng	-0.04
7) Phenol-d6	7.20	99	256653	108.94	ng	-0.04
23) Nitrobenzene-d5	9.22	82	238626	93.99	ng	-0.04
42) 2,4,6-Tribromophenol	16.18	330	163657	142.78	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	551081	100.32	ng	-0.04
79) Terphenyl-d14	20.03	244	1101996	103.49	ng	-0.03

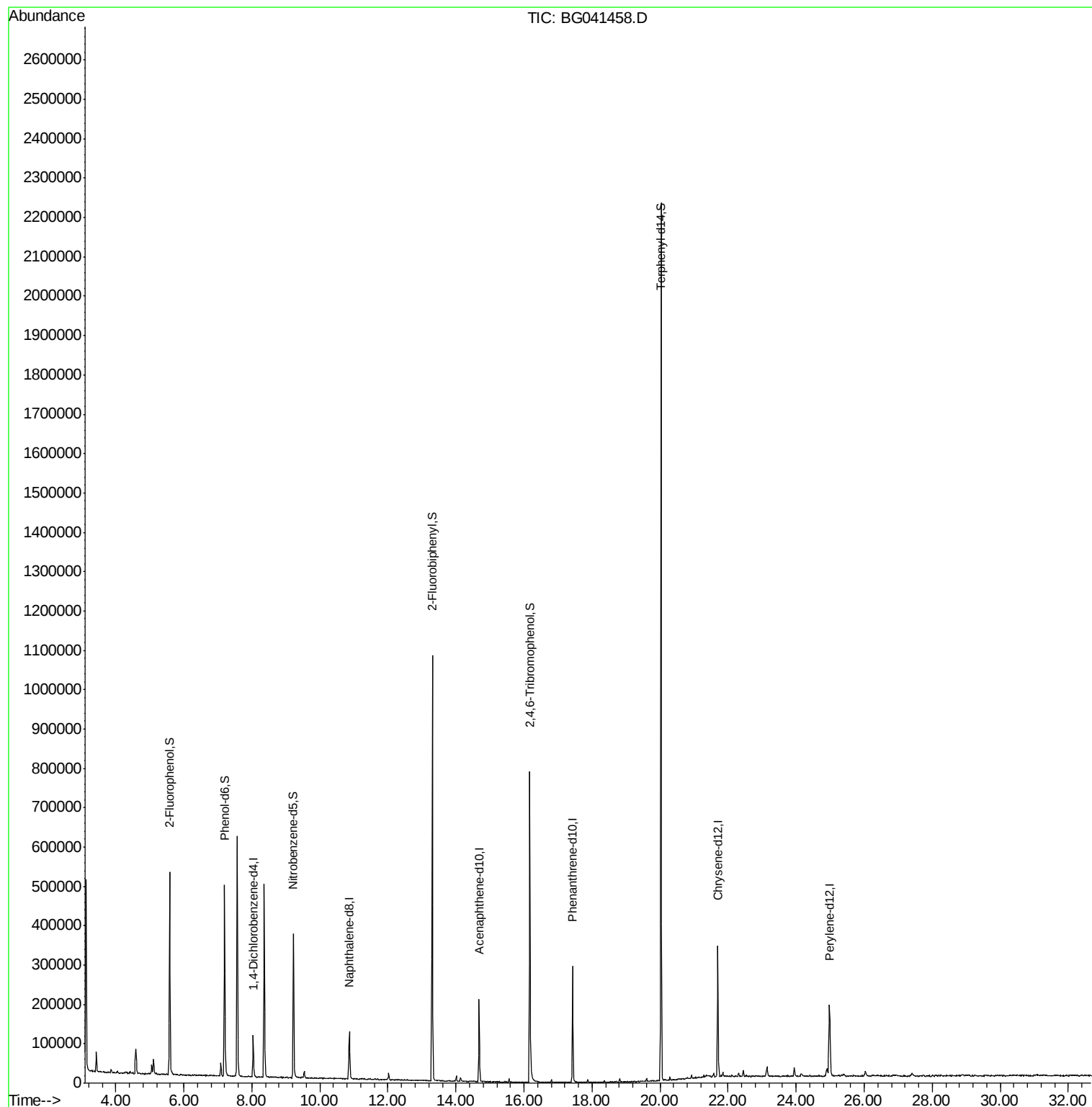
Target Compounds Qvalue

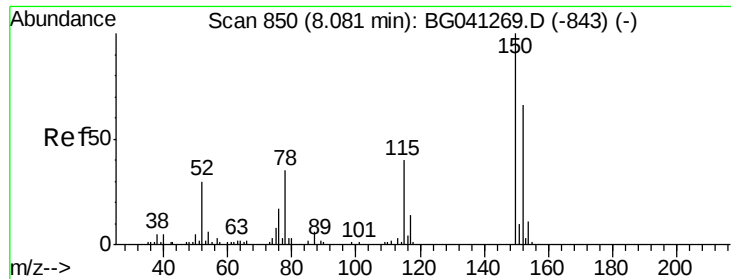
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062519\
Data File : BG041458.D
Acq On : 26 Jun 2019 00:06
Operator : HP/JU
Sample : K3482-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Jun 26 05:11:29 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



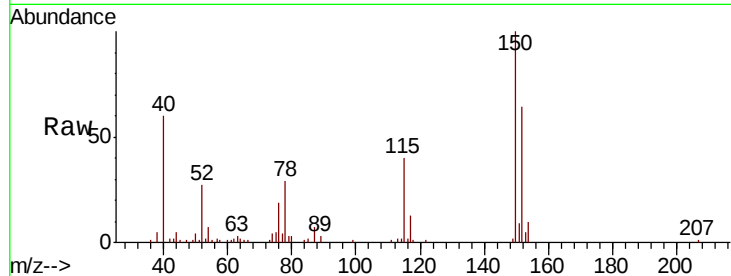


#1

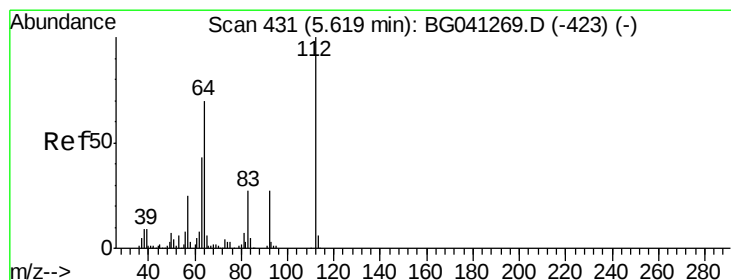
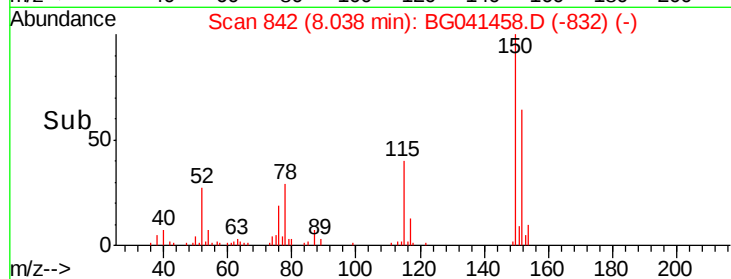
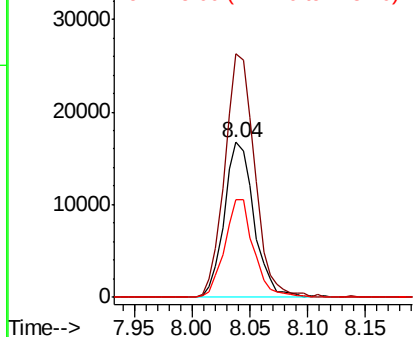
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.04 min
Lab File: BG041458.D
Acq: 26 Jun 2019 00:06

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:152 Resp: 29863
Ion Ratio Lower Upper
152 100
150 156.8 120.6 181.0
115 63.0 47.9 71.9



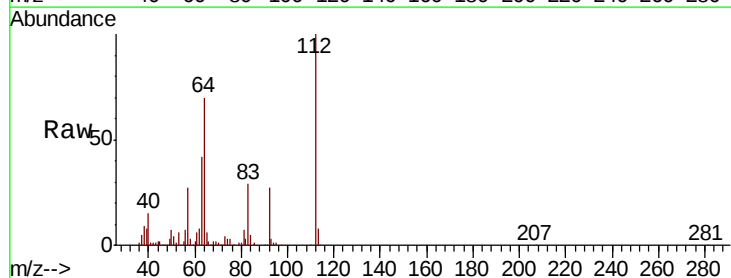
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



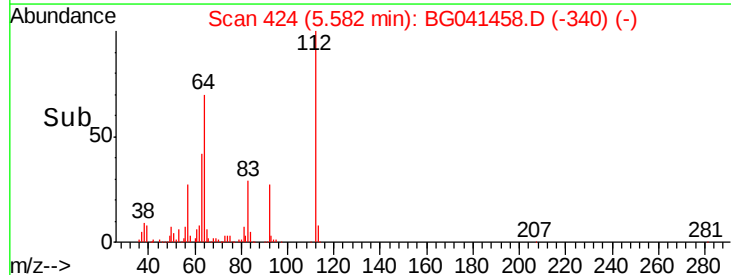
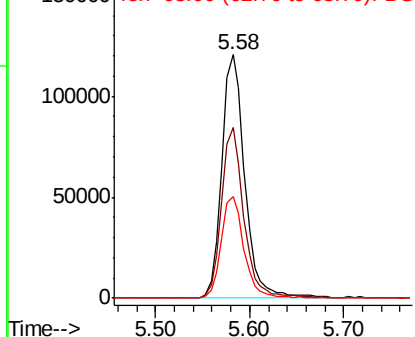
#5

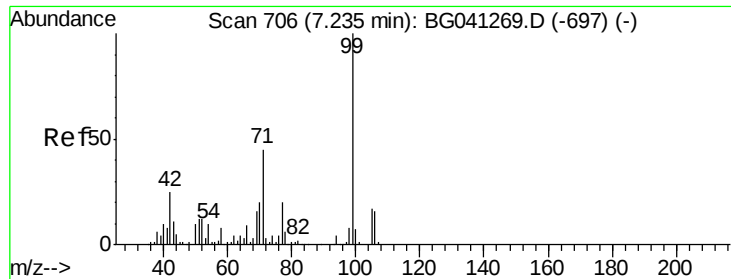
2-Fluorophenol
Concen: 126.727 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041458.D
Acq: 26 Jun 2019 00:06

Tgt Ion:112 Resp: 205966
Ion Ratio Lower Upper
112 100
64 70.0 55.9 83.9
63 41.8 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: 108.943 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.04 min

Lab File: BG041458.D

Acq: 26 Jun 2019 00:06

Instrument :

BNA_G

ClientSampleId :

TP-1

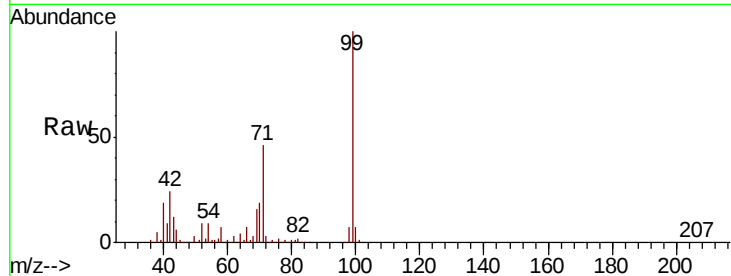
Tot Ion: 99 Resp: 256653

Ion Ratio Lower Upper

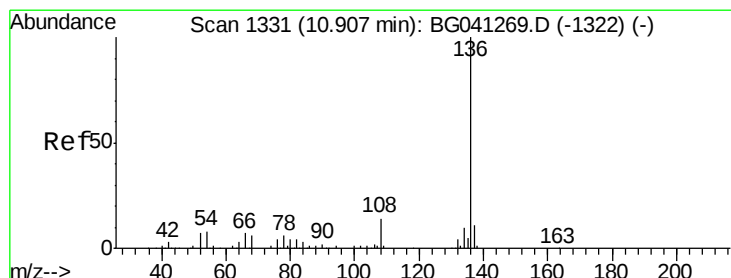
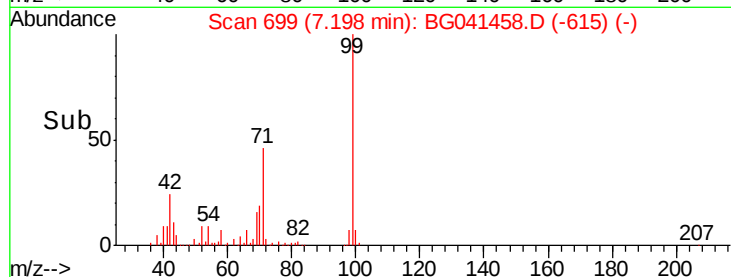
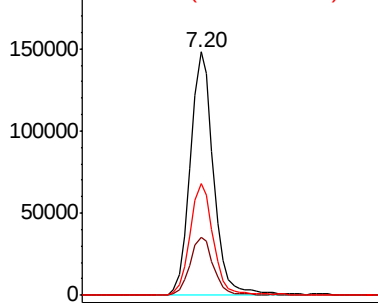
99 100

42 24.0 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: 10.86 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BG041458.D

Acq: 26 Jun 2019 00:06

Tgt Ion: 136 Resp: 106772

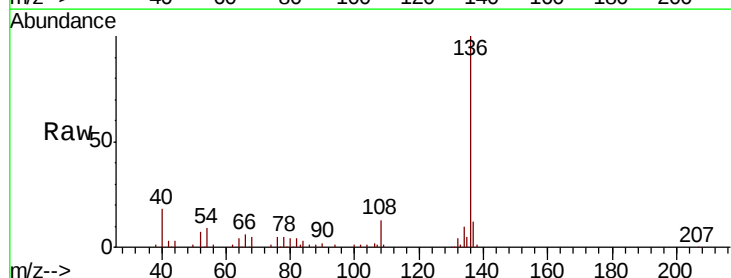
Ion Ratio Lower Upper

136 100

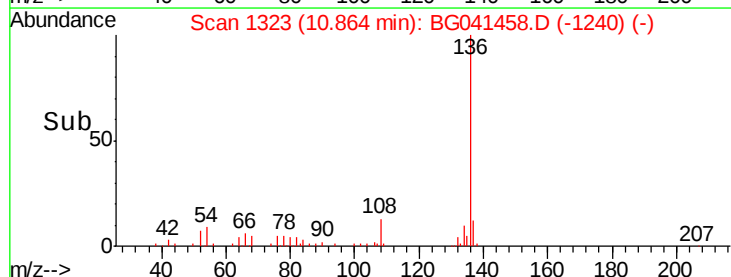
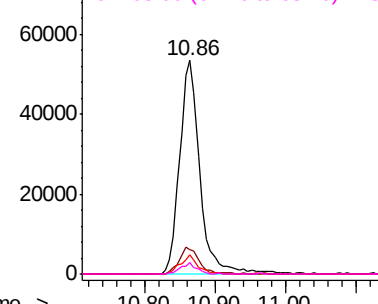
137 11.6 8.8 13.2

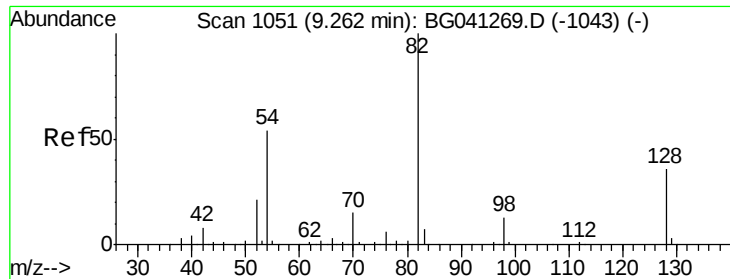
54 8.8 6.4 9.6

68 5.2 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

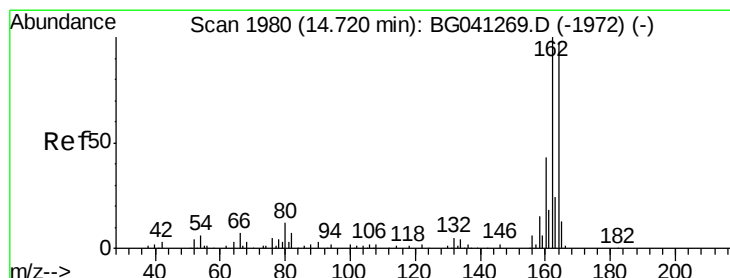
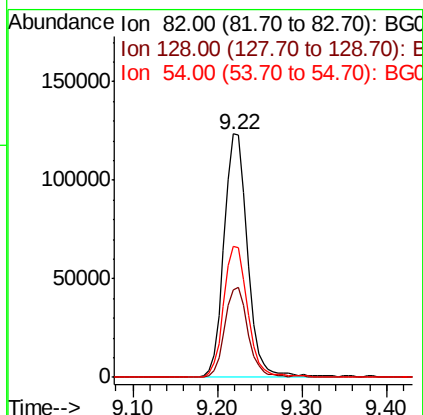
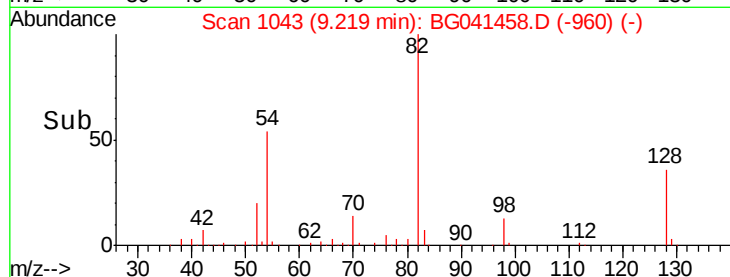
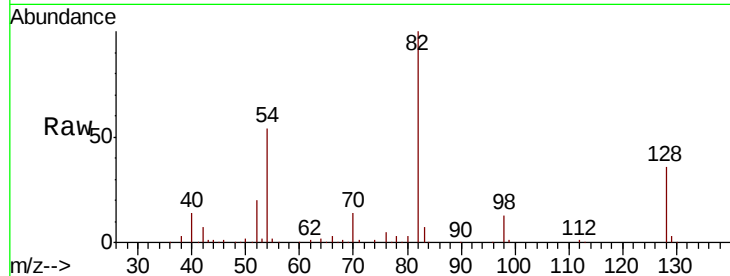




#23
Nitrobenzene-d5
Concen: 93.992 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.04 min
Lab File: BG041458.D
Acq: 26 Jun 2019 00:06

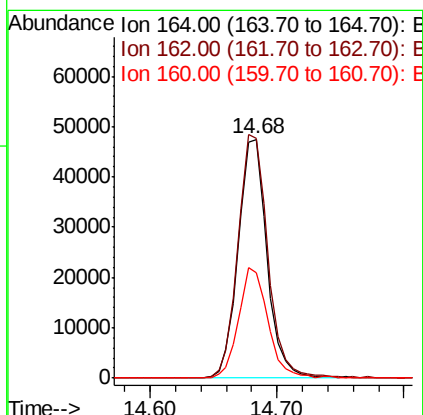
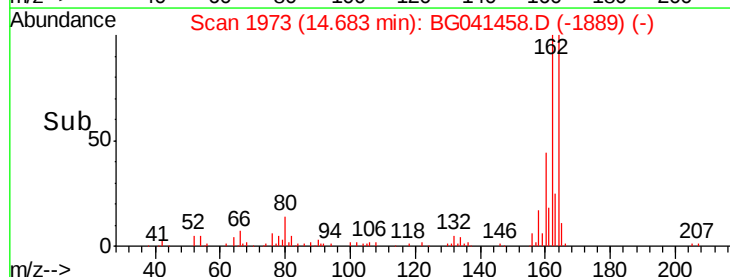
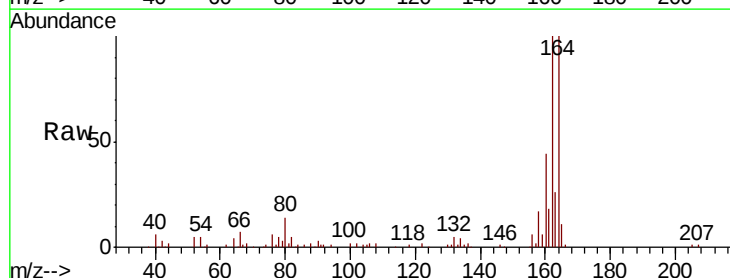
Instrument :
BNA_G
ClientSampleId :
TP-1

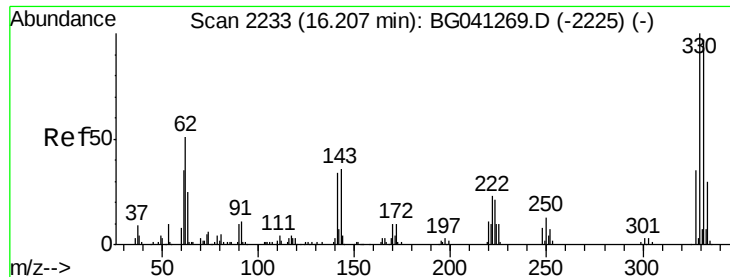
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.2	43.8
54	53.9	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.04 min
Lab File: BG041458.D
Acq: 26 Jun 2019 00:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.8	124.2
160	44.4	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 142.783 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.03 min

Lab File: BG041458.D

Acq: 26 Jun 2019 00:06

Instrument :

BNA_G

ClientSampleId :

TP-1

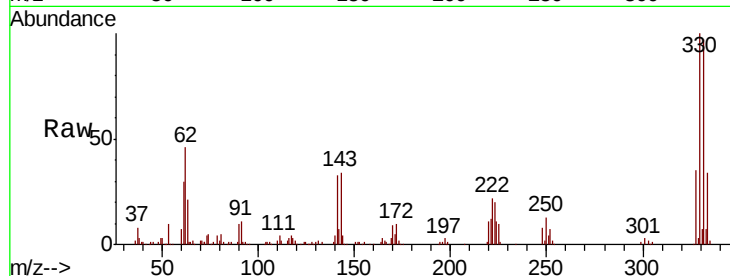
Tot Ion:330 Resp: 163657

Ion Ratio Lower Upper

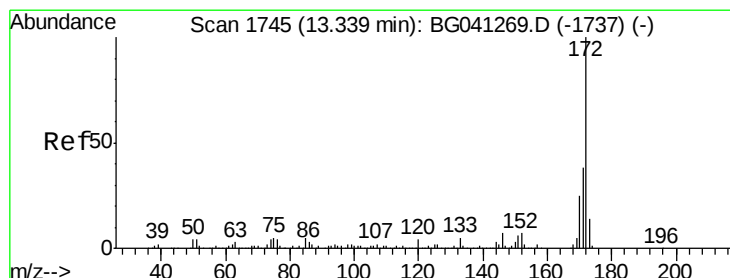
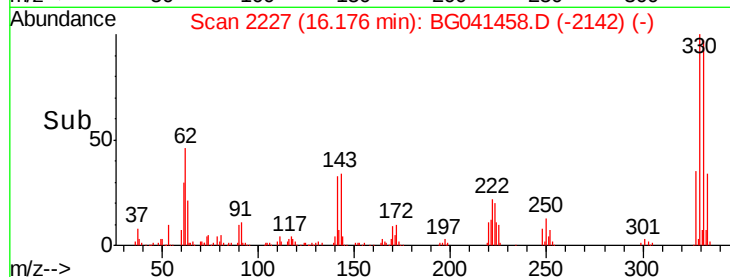
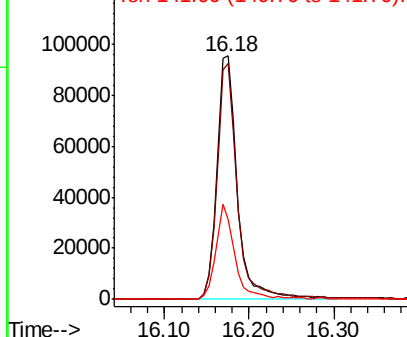
330 100

332 95.7 75.5 113.3

141 35.8 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: 100.322 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.04 min

Lab File: BG041458.D

Acq: 26 Jun 2019 00:06

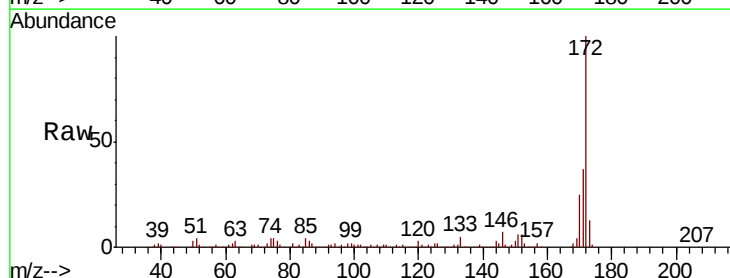
Tgt Ion:172 Resp: 551081

Ion Ratio Lower Upper

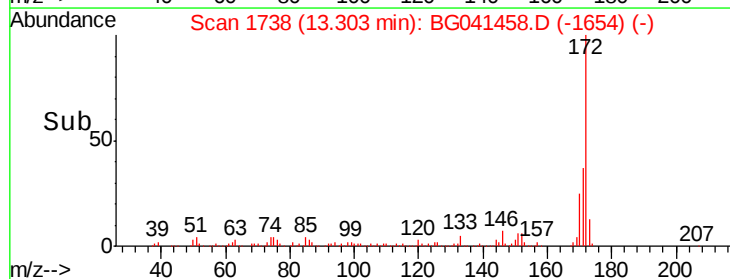
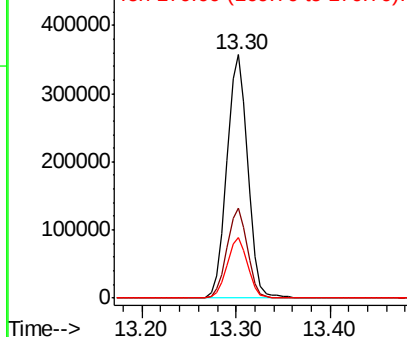
172 100

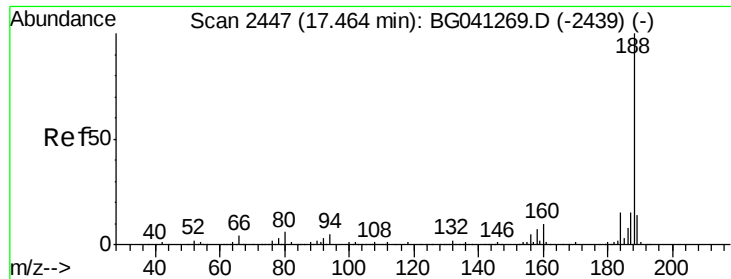
171 36.8 30.0 45.0

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: 17.43 min Scan# 2440

Delta R.T. -0.04 min

Lab File: BG041458.D

Acq: 26 Jun 2019 00:06

Instrument :

BNA_G

ClientSampleId :

TP-1

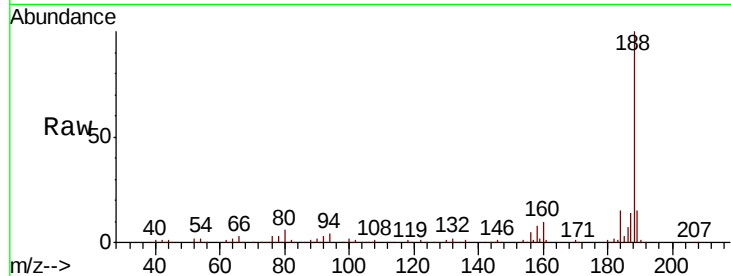
Tot Ion:188 Resp: 190809

Ion Ratio Lower Upper

188 100

94 4.4 3.6 5.4

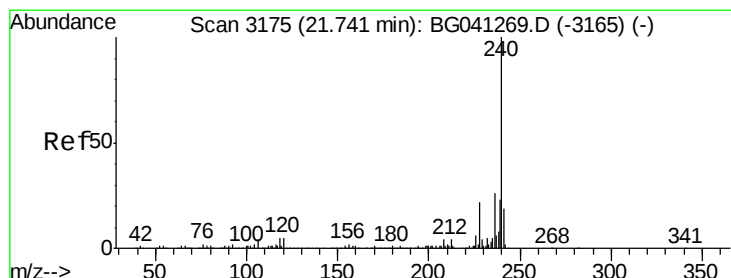
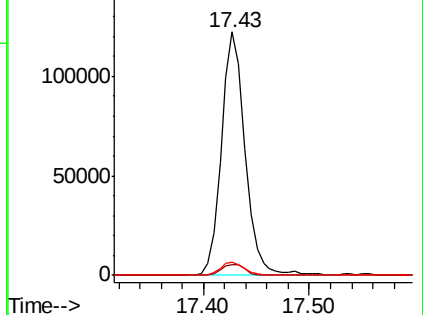
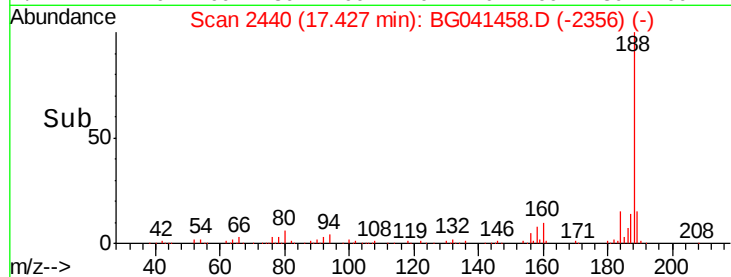
80 5.6 4.8 7.2



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# 3167

Delta R.T. -0.04 min

Lab File: BG041458.D

Acq: 26 Jun 2019 00:06

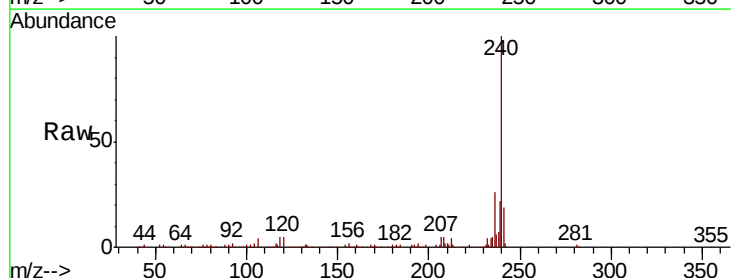
Tgt Ion:240 Resp: 211030

Ion Ratio Lower Upper

240 100

120 4.5 3.7 5.5

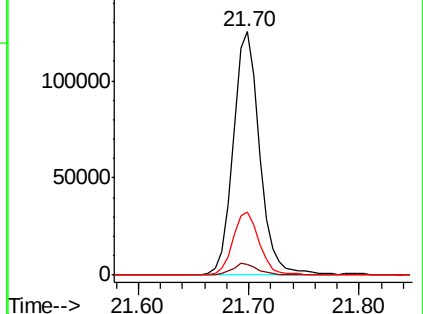
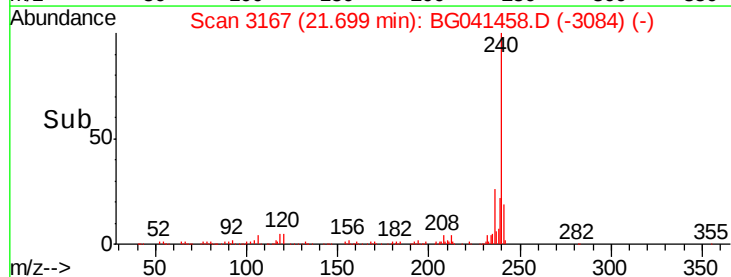
236 25.8 21.1 31.7

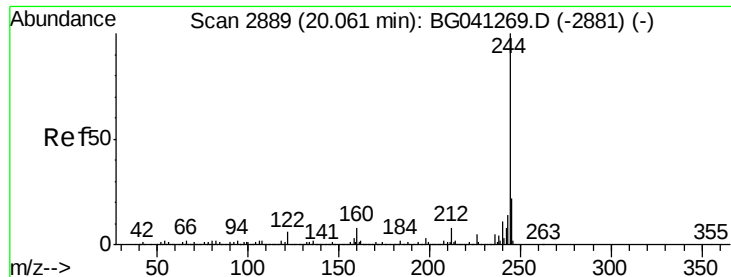


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.489 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041458.D

Acq: 26 Jun 2019 00:06

Instrument :

BNA_G

ClientSampled :

TP-1

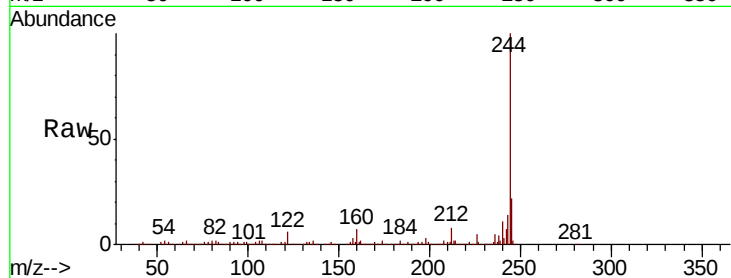
Tot Ion:244 Resp: 1101996

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

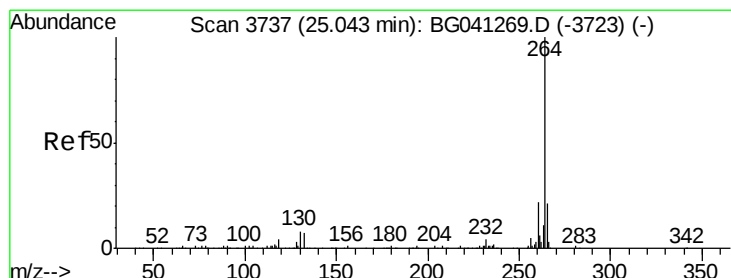
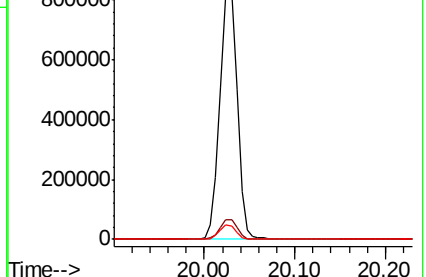
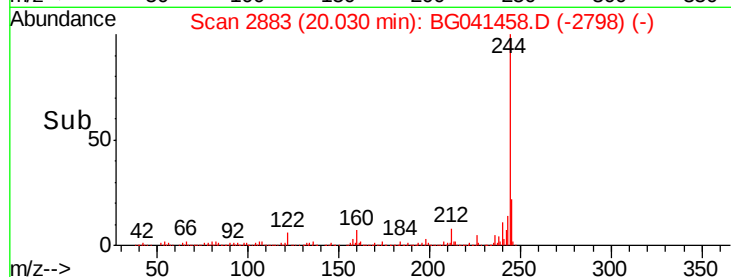
122 5.6 5.0 7.4



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. -0.07 min

Lab File: BG041458.D

Acq: 26 Jun 2019 00:06

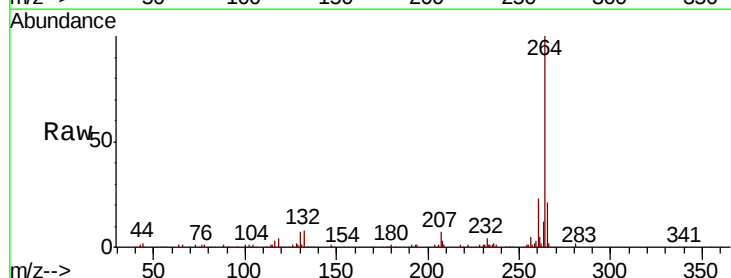
Tgt Ion:264 Resp: 220941

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.2

265 21.2 17.2 25.8



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

