

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041437.D
 Acq On : 25 Jun 2019 1:02
 Operator : HP/JU
 Sample : K3499-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-6(11-12)

Quant Time: Jun 25 06:42:05 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

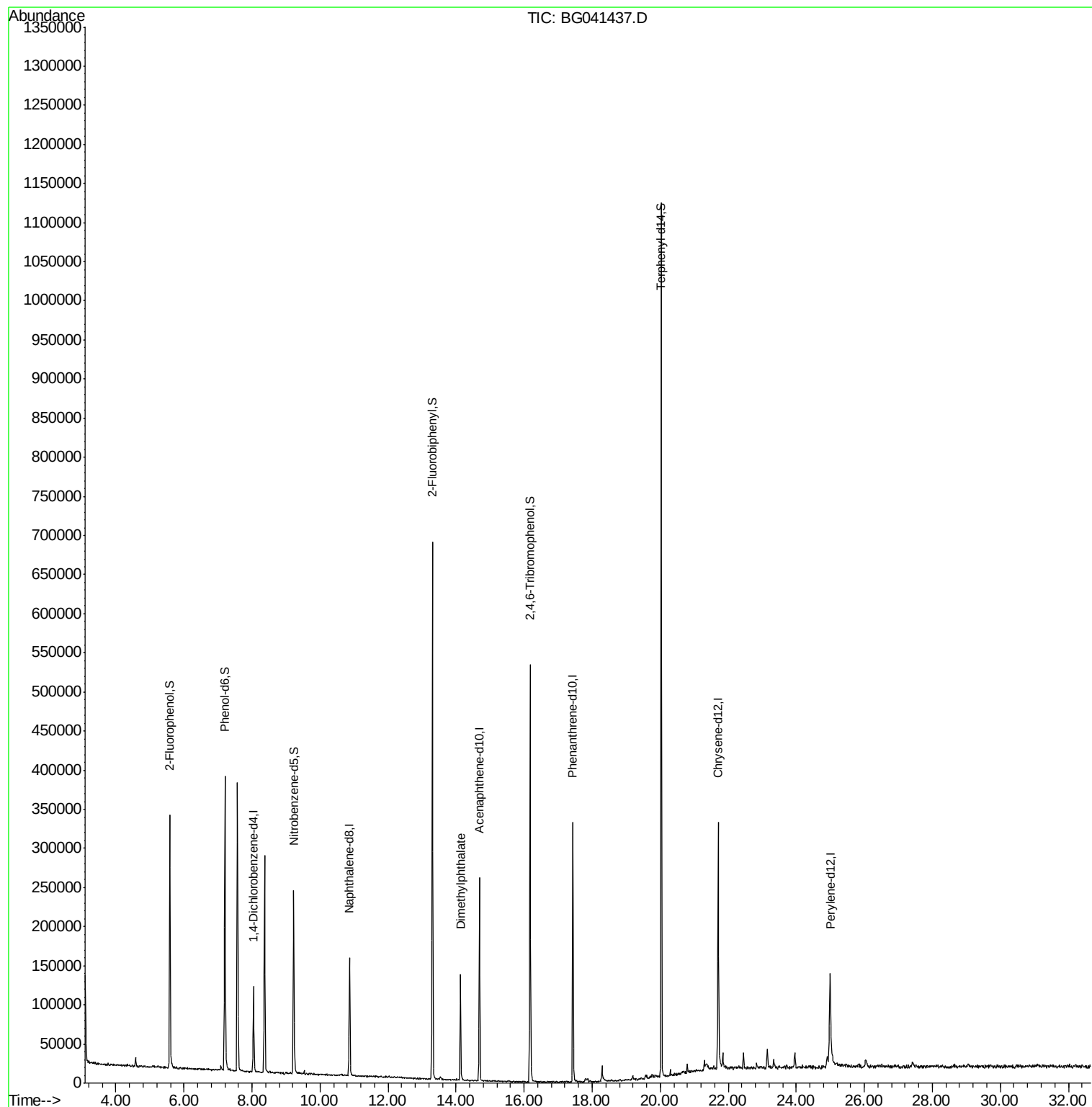
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	30522	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	125723	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	92819	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	222051	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	216374	20.00	ng	-0.04
87) Perylene-d12	25.00	264	164722	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	132686	79.88	ng	-0.03
7) Phenol-d6	7.20	99	205919	85.52	ng	-0.03
23) Nitrobenzene-d5	9.23	82	150159	50.23	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	108821	76.37	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	353758	51.80	ng	-0.03
79) Terphenyl-d14	20.03	244	575795	52.74	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.13	163	91521	11.082	ng	Qvalue 99

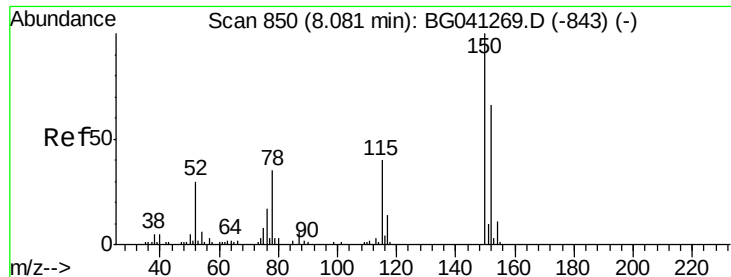
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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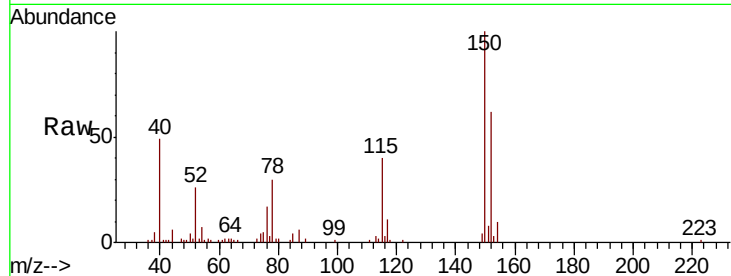


#1

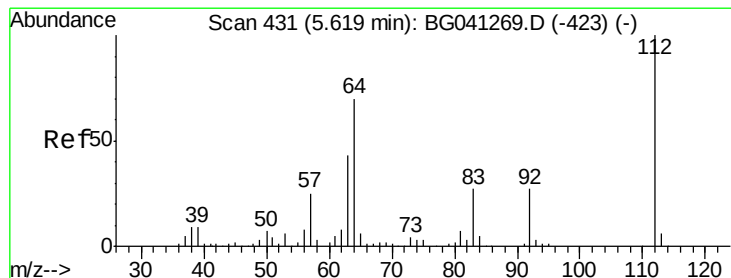
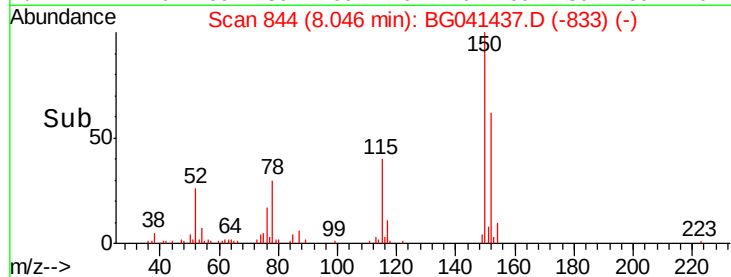
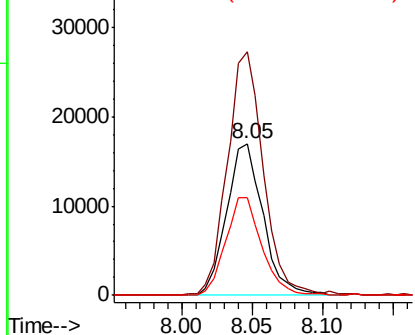
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Instrument :
BNA_G
ClientSampleId :
B-6(11-12)

Tot Ion:152 Resp: 30522
Ion Ratio Lower Upper
152 100
150 160.5 120.6 181.0
115 64.0 47.9 71.9



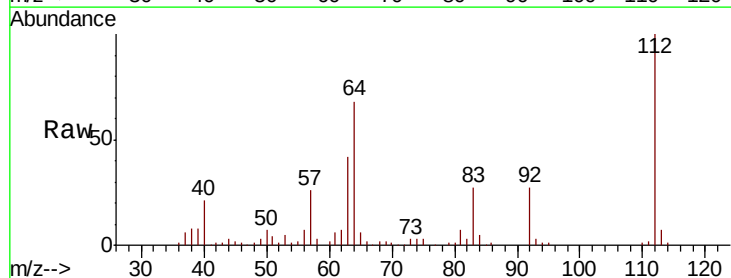
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



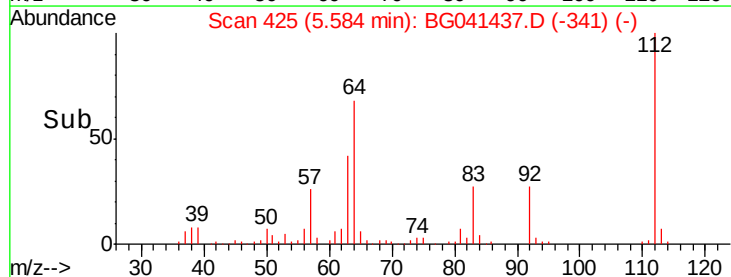
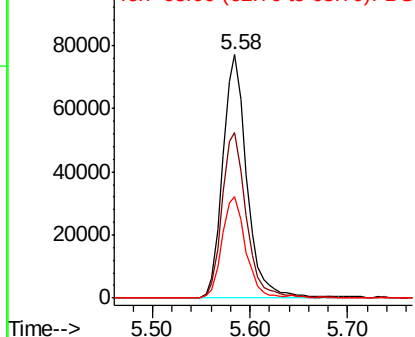
#5

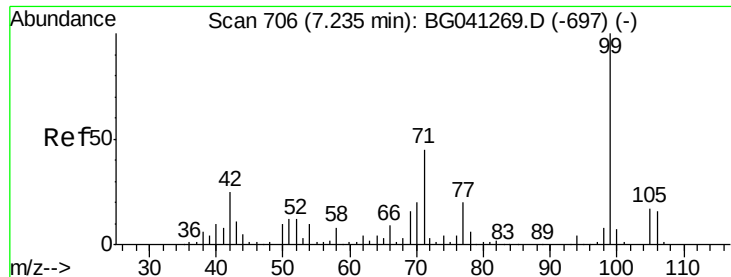
2-Fluorophenol
Concen: 79.877 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Tgt Ion:112 Resp: 132686
Ion Ratio Lower Upper
112 100
64 68.0 55.9 83.9
63 41.6 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: 85.520 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041437.D

Acq: 25 Jun 2019 1:02

Instrument :

BNA_G

ClientSampleId :

B-6(11-12)

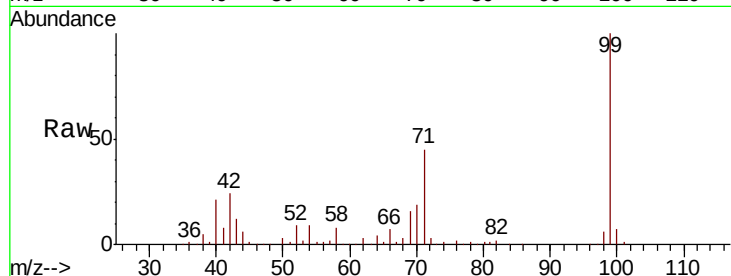
Tot Ion: 99 Resp: 205919

Ion Ratio Lower Upper

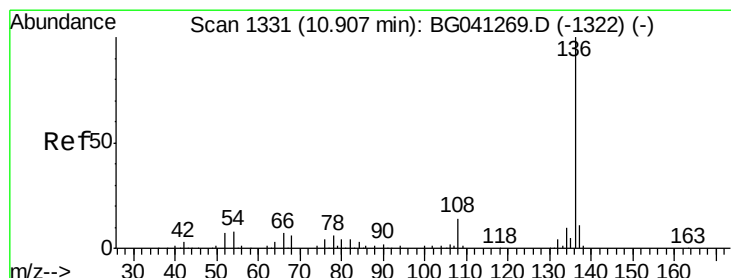
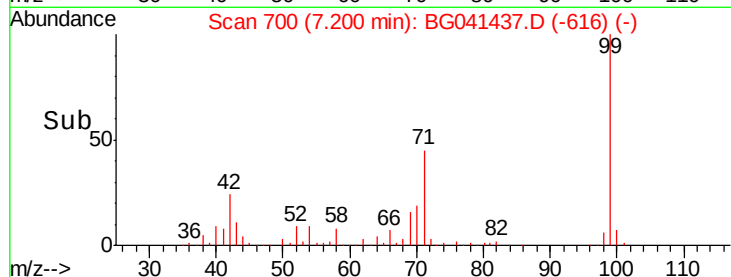
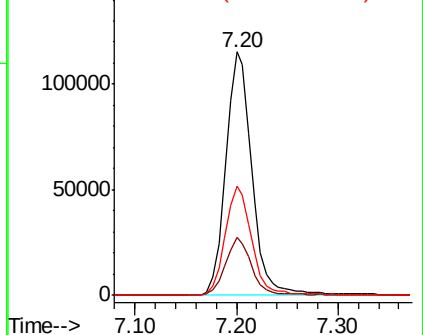
99 100

42 23.9 19.9 29.9

71 44.9 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: BG041437.D

Acq: 25 Jun 2019 1:02

Tgt Ion: 136 Resp: 125723

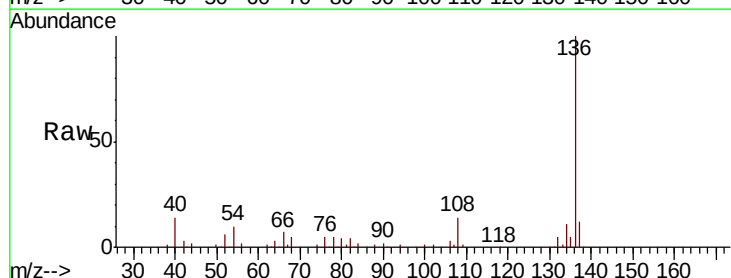
Ion Ratio Lower Upper

136 100

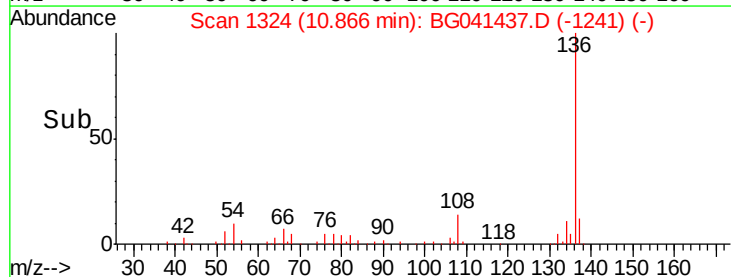
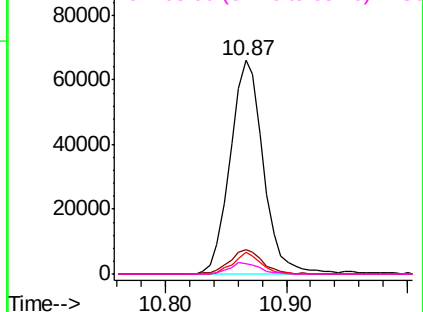
137 11.5 8.8 13.2

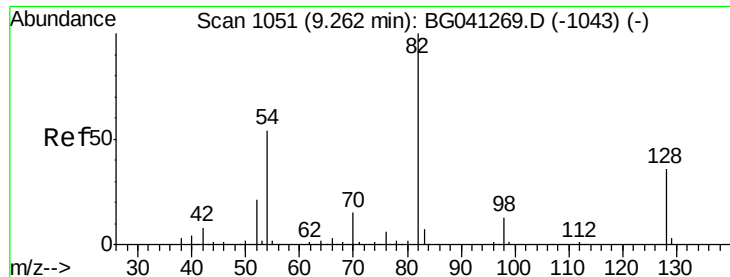
54 10.1 6.4 9.6#

68 5.0 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

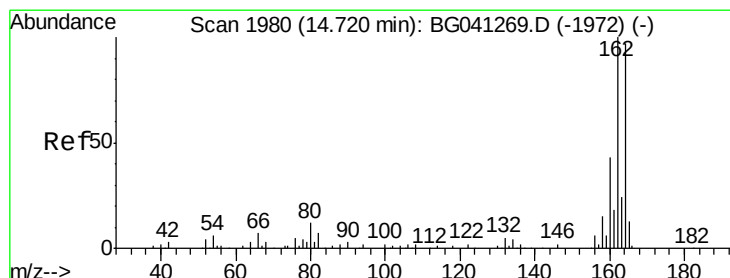
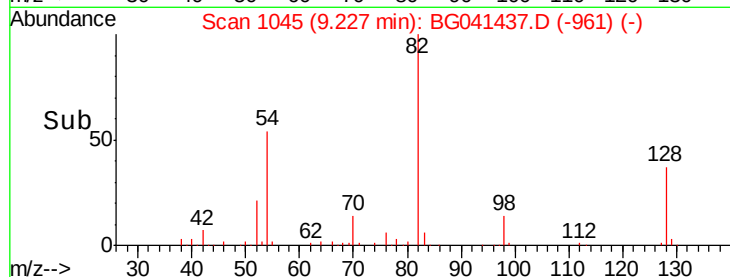
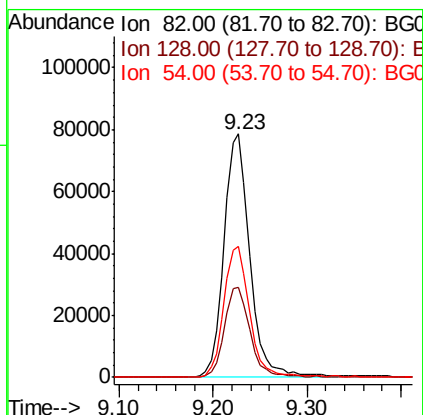
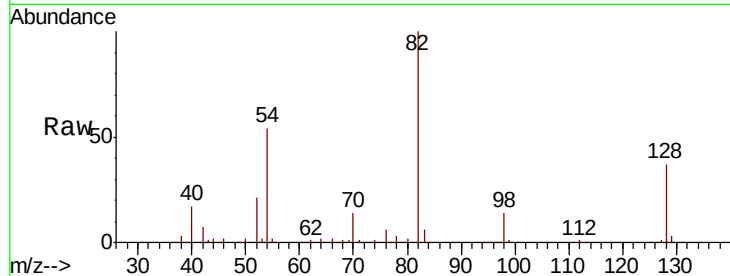




#23
 Nitrobenzene-d5
 Concen: 50.230 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BG041437.D
 Acq: 25 Jun 2019 1:02

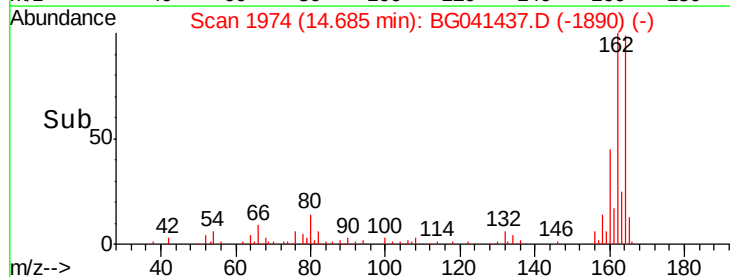
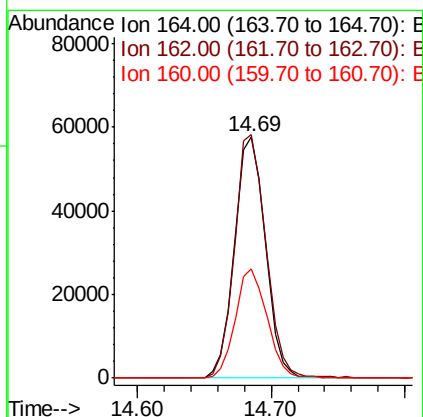
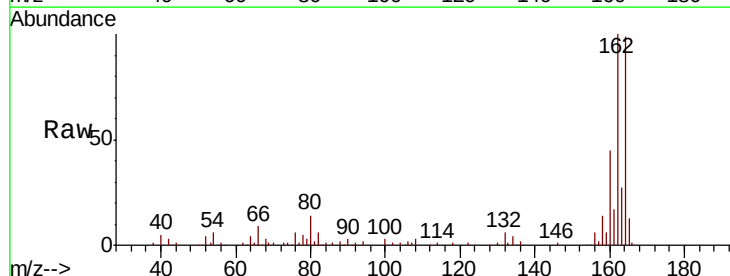
Instrument :
 BNA_G
 ClientSampleId :
 B-6(11-12)

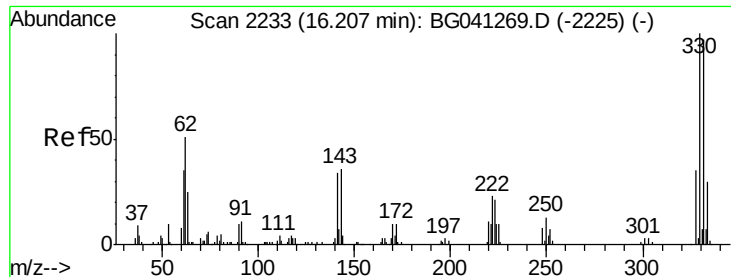
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.2	43.8
54	53.9	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.03 min
 Lab File: BG041437.D
 Acq: 25 Jun 2019 1:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.8	124.2
160	45.4	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 76.367 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041437.D

Acq: 25 Jun 2019 1:02

Instrument :

BNA_G

ClientSampleId :

B-6(11-12)

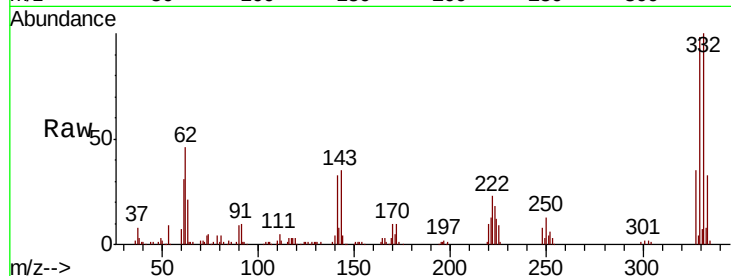
Tot Ion:330 Resp: 108821

Ion Ratio Lower Upper

330 100

332 96.2 75.5 113.3

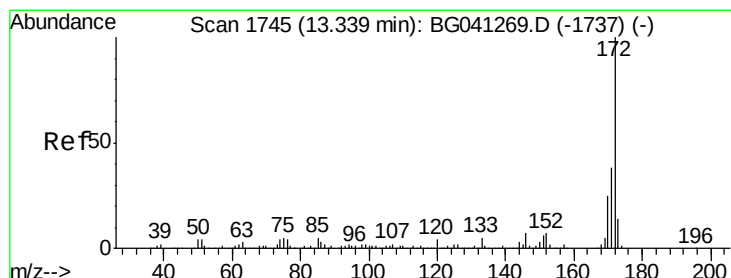
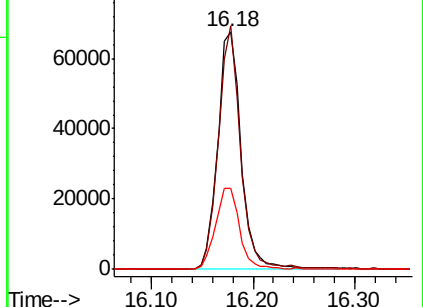
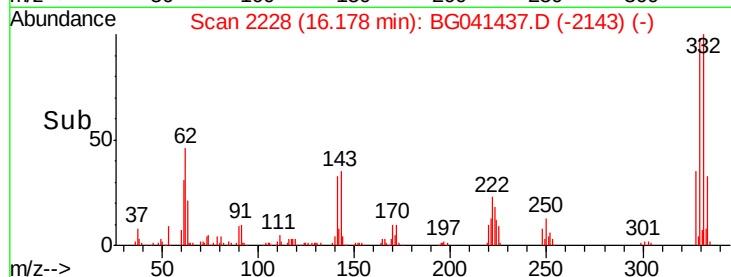
141 35.6 29.0 43.4



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: 51.801 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.03 min

Lab File: BG041437.D

Acq: 25 Jun 2019 1:02

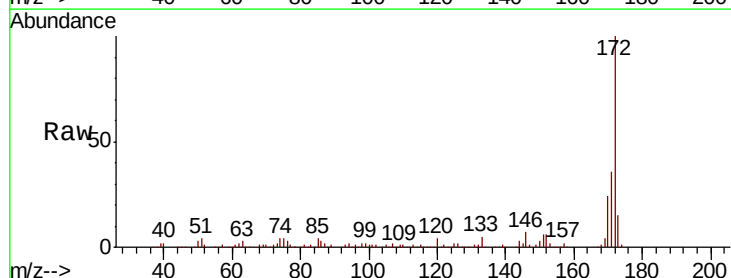
Tgt Ion:172 Resp: 353758

Ion Ratio Lower Upper

172 100

171 36.3 30.0 45.0

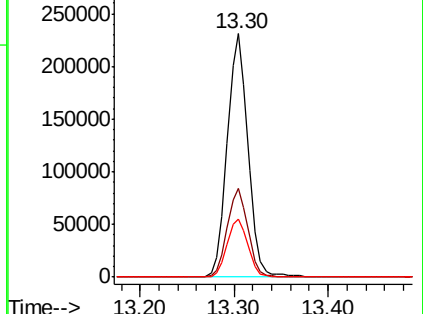
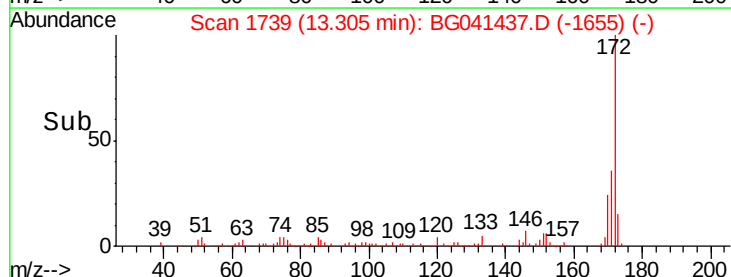
170 23.7 19.8 29.6

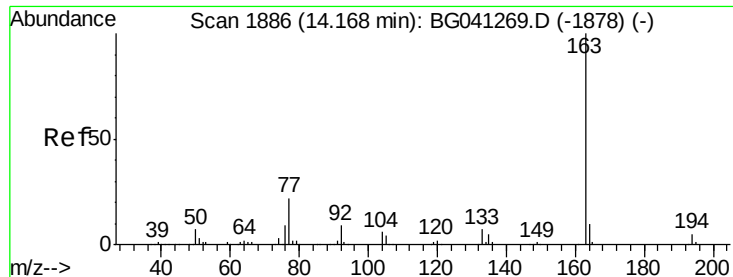


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

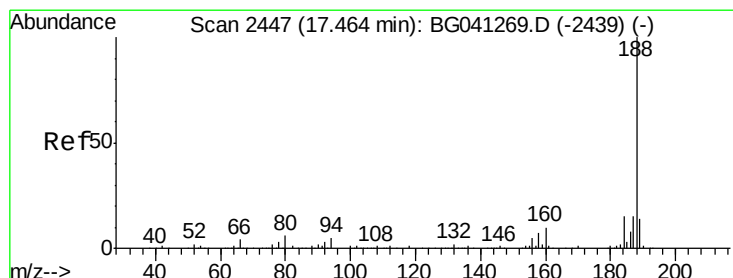
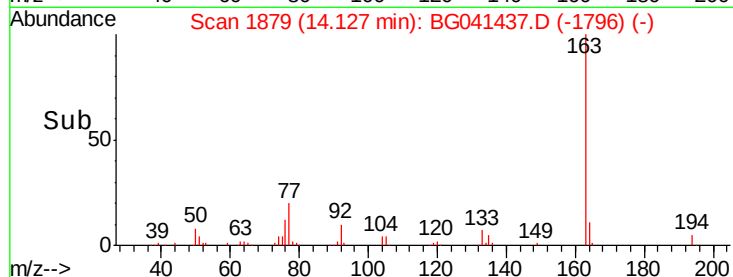
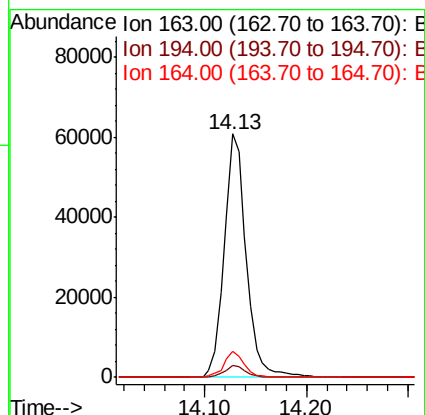
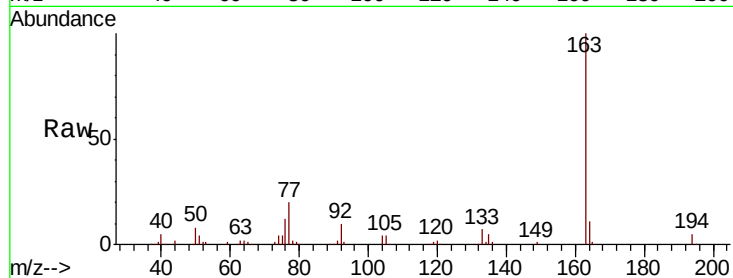




#50
Dimethylphthalate
Concen: 11.082 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

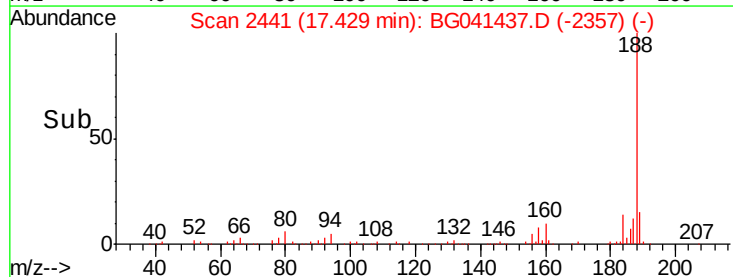
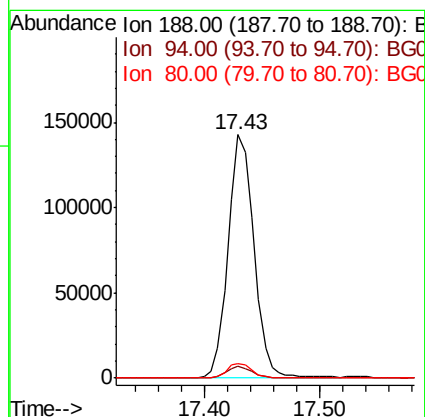
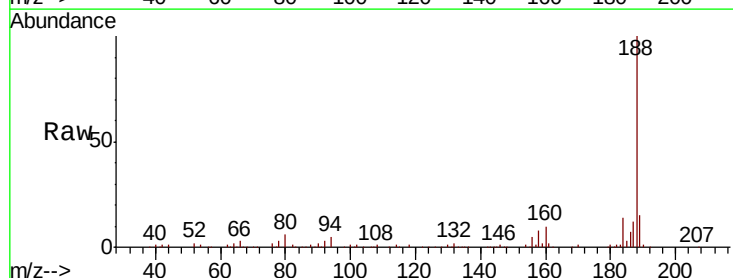
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B-6(11-12)

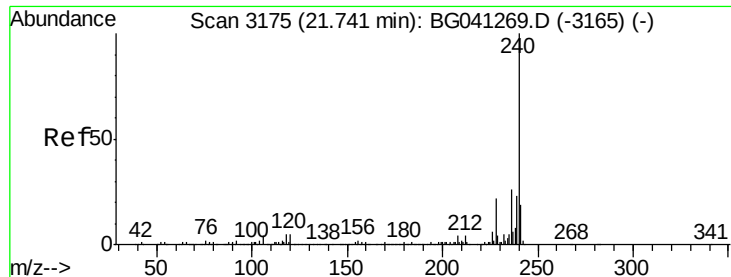
Tot Ion:163 Resp: 91521
Ion Ratio Lower Upper
163 100
194 4.9 3.9 5.9
164 10.7 8.3 12.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Tgt Ion:188 Resp: 222051
Ion Ratio Lower Upper
188 100
94 4.9 3.6 5.4
80 5.8 4.8 7.2

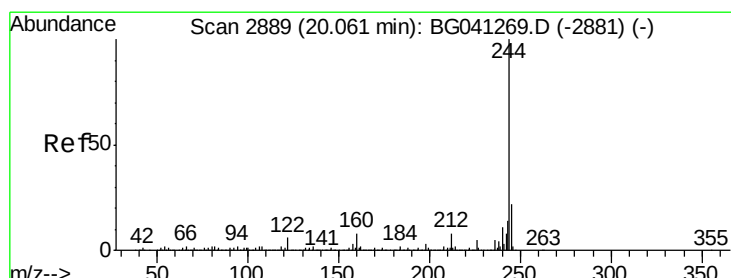
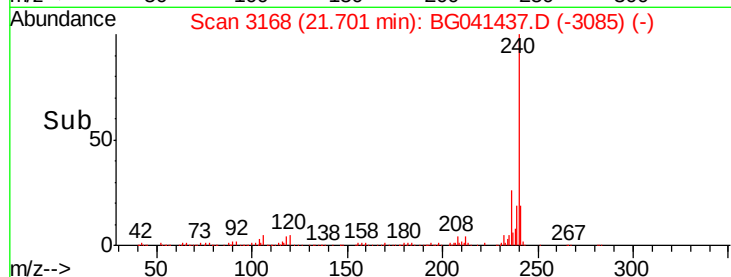
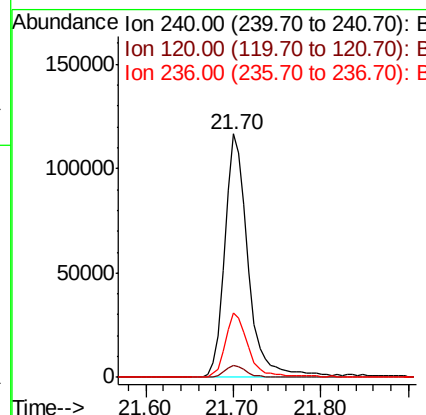
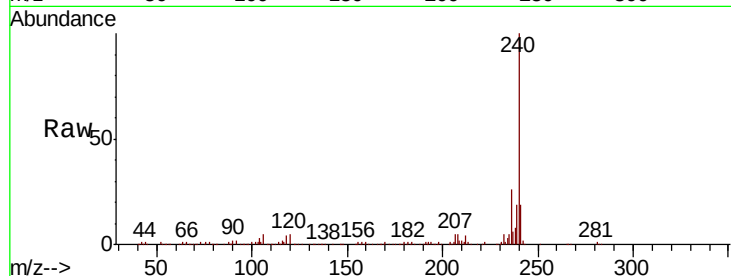




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

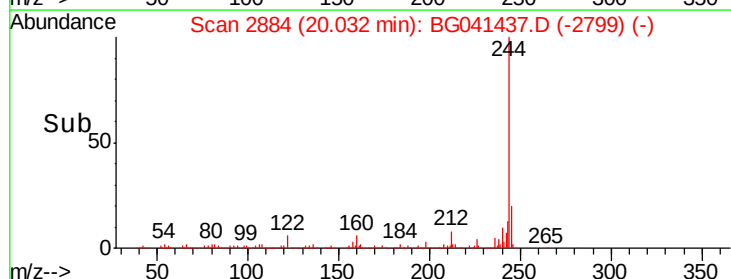
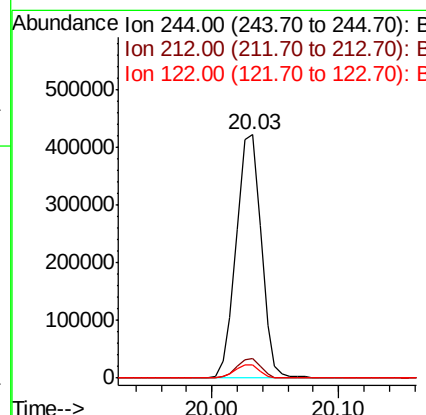
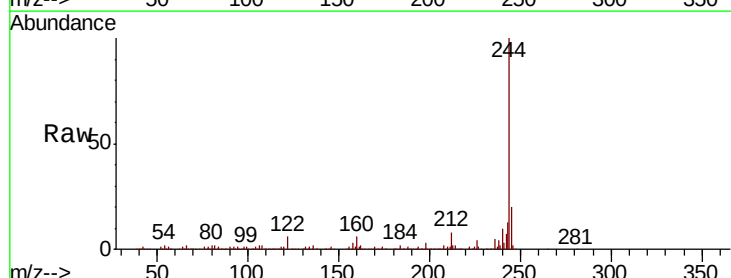
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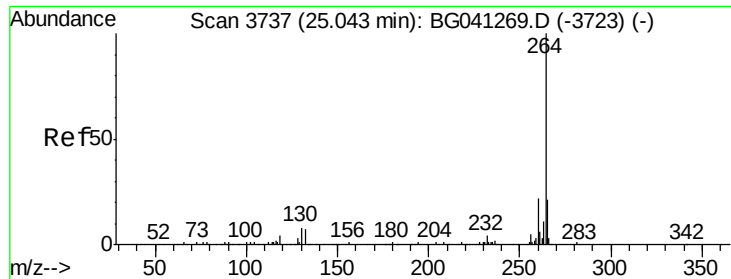
Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.7	5.5
236	26.5	21.1	31.7



#79
Terphenyl-d14
Concen: 52.738 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	10.0
122	5.6	5.0	7.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Instrument :
BNA_G
ClientSampleId :
B-6(11-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.2
265	20.8	17.2	25.8

