

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
 Data File : BG041841.D
 Acq On : 31 Jul 2019 20:07
 Operator : HP/JU
 Sample : K3622-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

Quant Time: Aug 01 02:36:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	19896	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	97593	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	98468	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	441145	20.00	ng	0.00
76) Chrysene-d12	21.73	240	698778	20.00	ng	0.00
87) Perylene-d12	25.00	264	741994	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	182342	178.31	ng	0.00
7) Phenol-d6	7.19	99	261636	189.78	ng	0.00
23) Nitrobenzene-d5	9.20	82	162916	114.88	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	340236	304.20	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	523248	93.72	ng	-0.01
79) Terphenyl-d14	20.06	244	2793532	91.48	ng	0.00

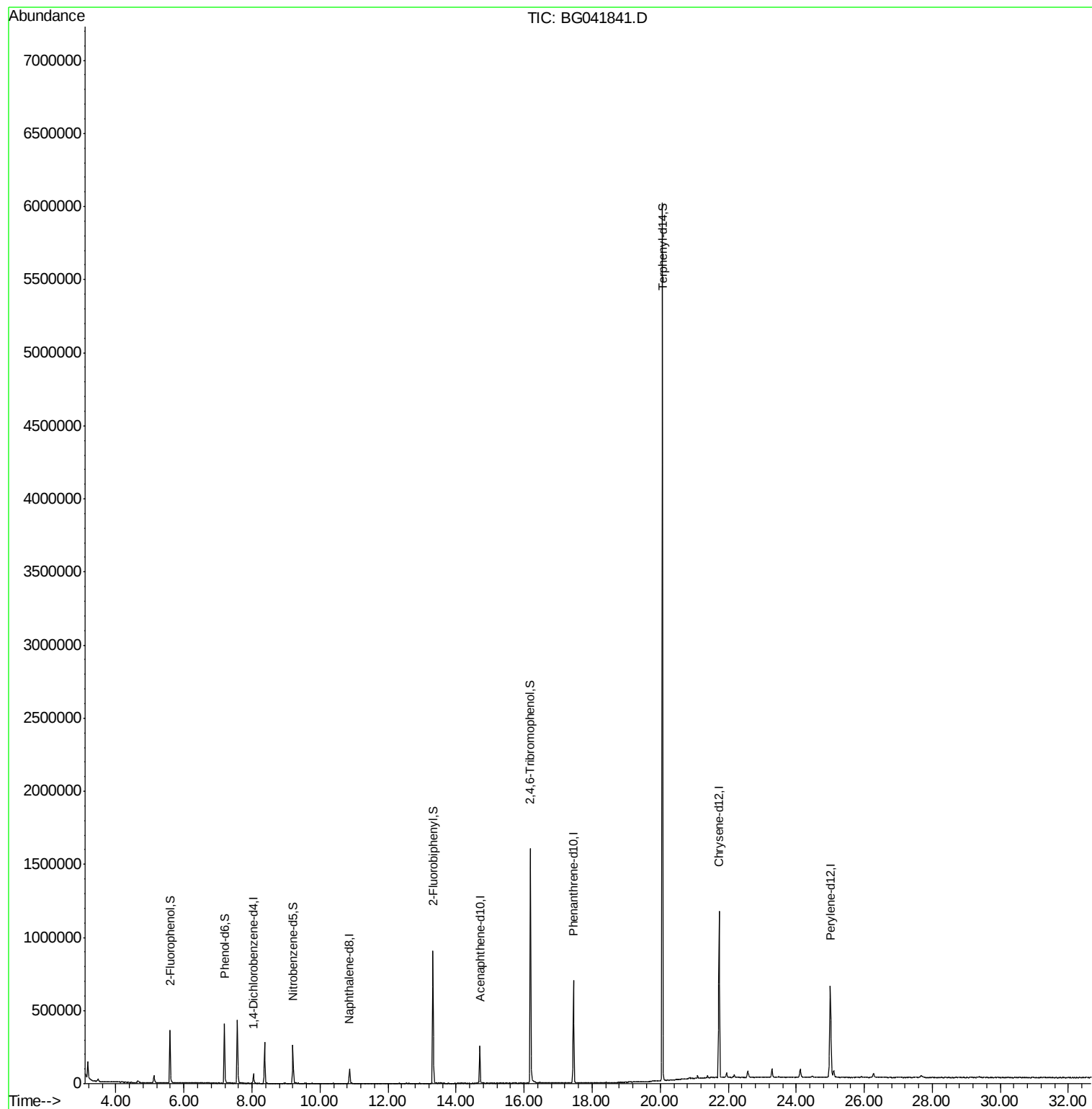
Target Compounds Qvalue

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

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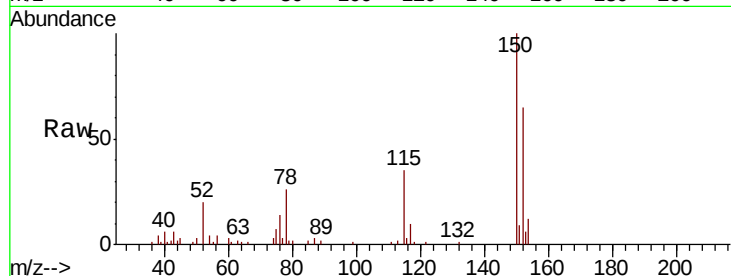


#1

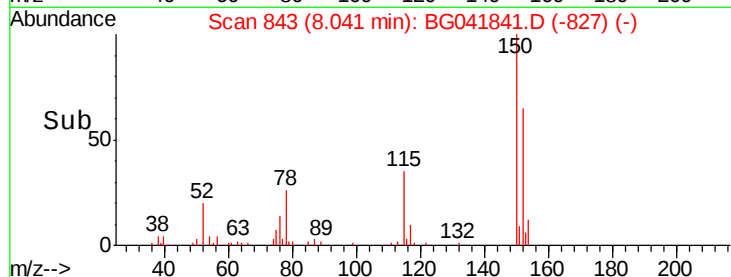
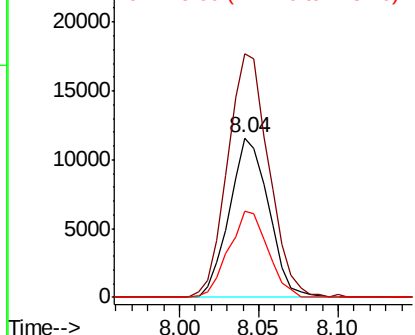
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.9	190.3
115	53.8	45.0	67.6



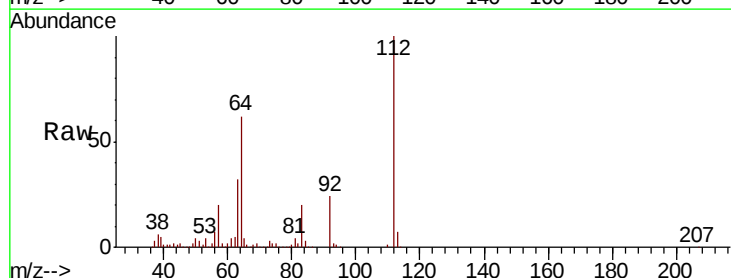
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



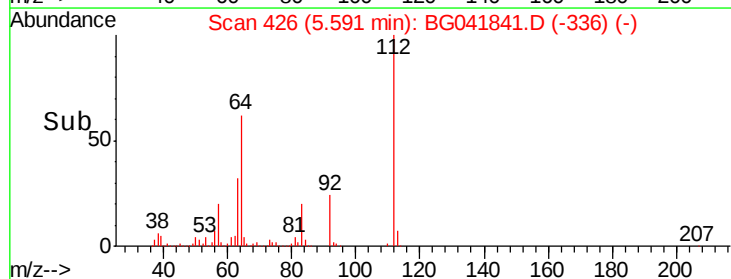
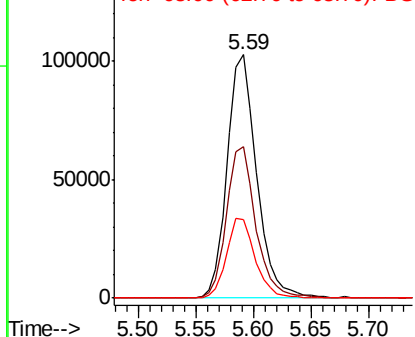
#5

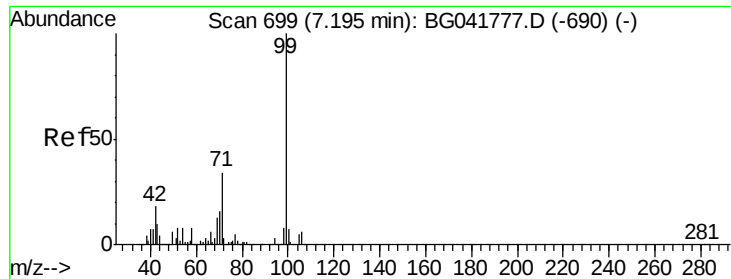
2-Fluorophenol
Concen: 178.311 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	55.4	83.2
63	32.0	29.1	43.7



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: 189.779 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041841.D

Acq: 31 Jul 2019 20:07

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

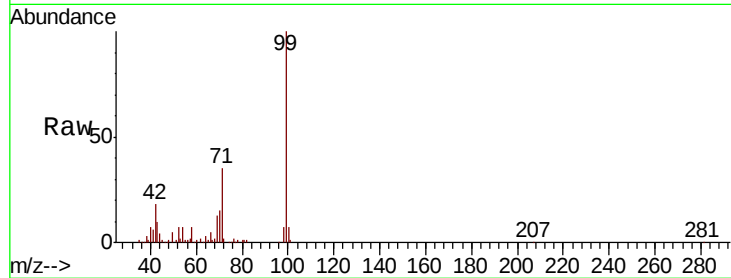
Tot Ion: 99 Resp: 261636

Ion Ratio Lower Upper

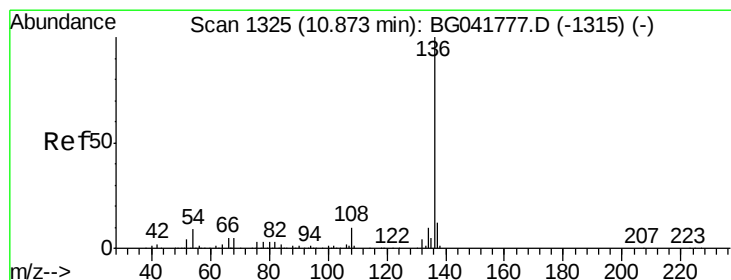
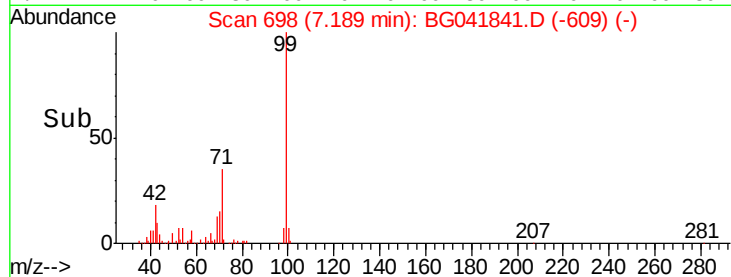
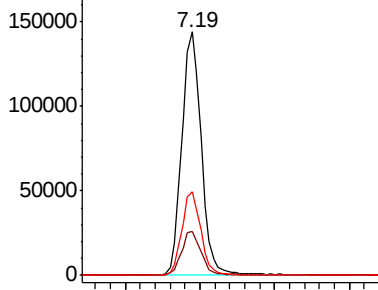
99 100

42 18.2 17.6 26.4

71 34.6 27.8 41.6



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. -0.01 min

Lab File: BG041841.D

Acq: 31 Jul 2019 20:07

Tgt Ion: 136 Resp: 97593

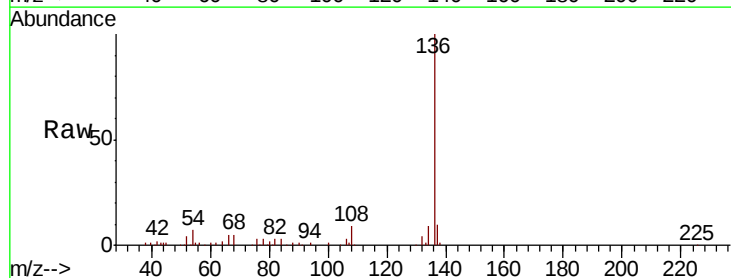
Ion Ratio Lower Upper

136 100

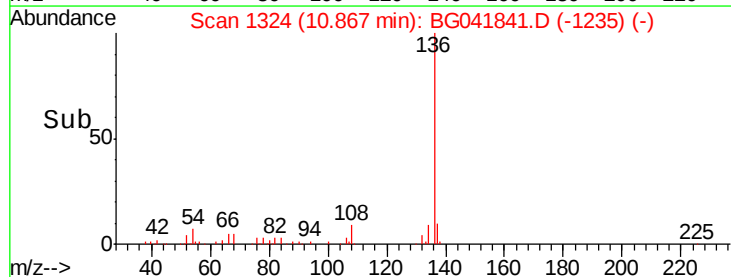
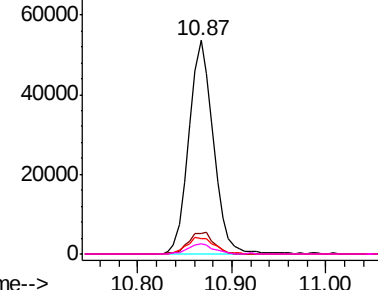
137 9.7 9.2 13.8

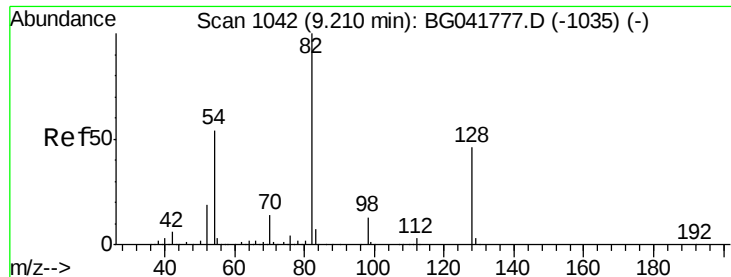
54 7.5 8.7 13.1#

68 4.8 5.5 8.3#



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

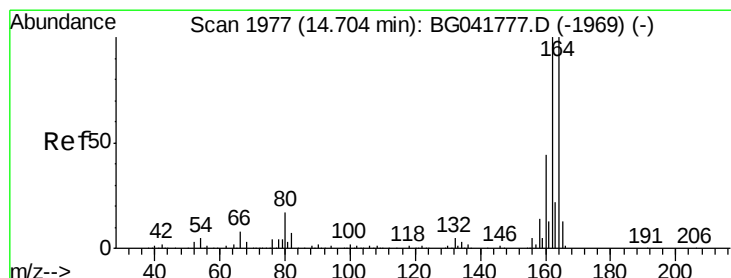
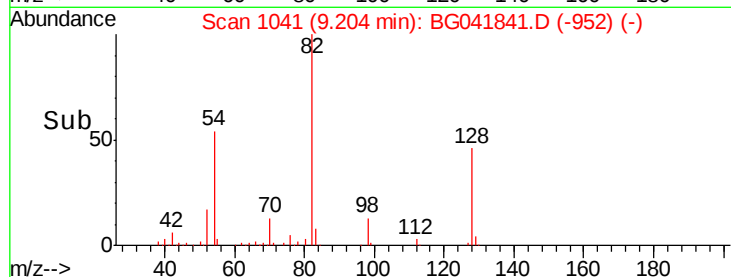
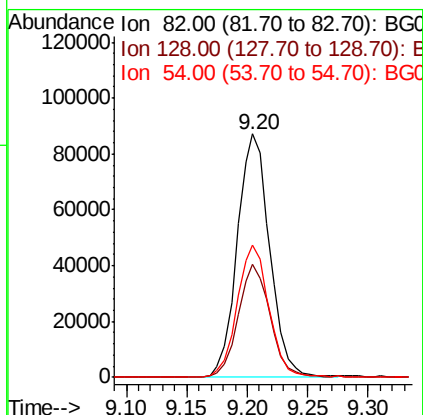
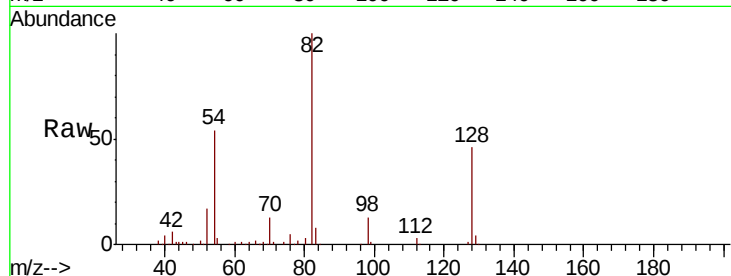




#23
Nitrobenzene-d5
Concen: 114.878 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

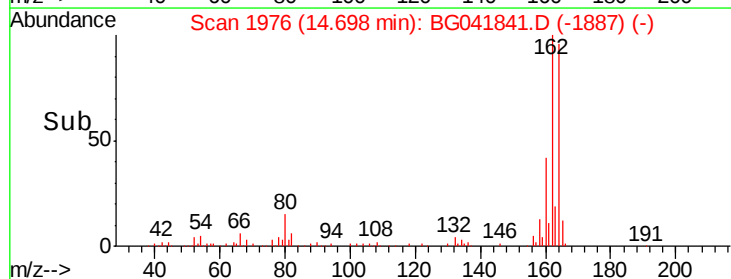
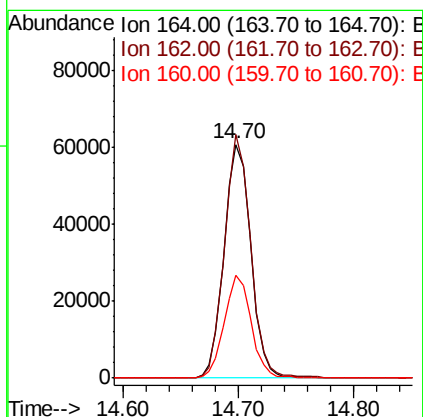
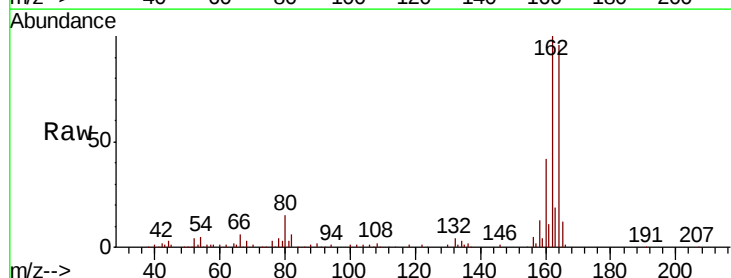
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

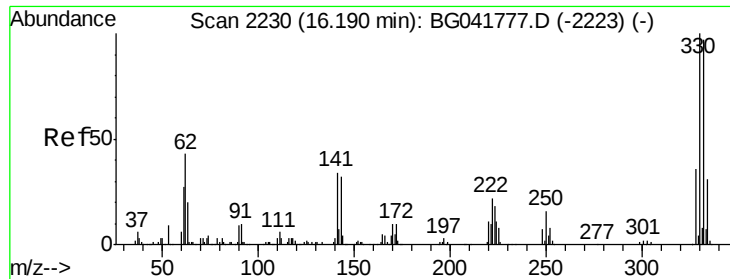
Tot Ion	82	Resp	162916
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.1	52.7
54	54.5	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Tgt Ion	164	Resp	98468
Ion Ratio	Lower	Upper	
164	100		
162	104.3	79.6	119.4
160	43.9	35.4	53.0

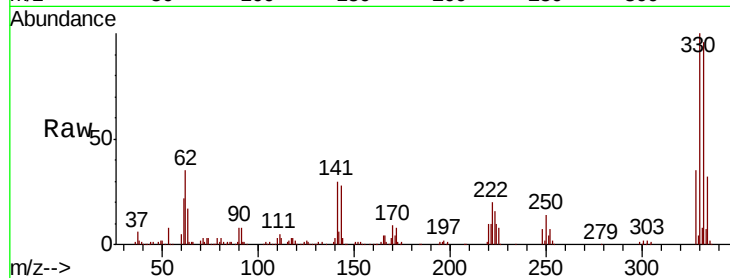




#42
 2,4,6-Tribromophenol
 Concen: 304.200 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG041841.D
 Acq: 31 Jul 2019 20:07

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	31.9	31.9	47.9

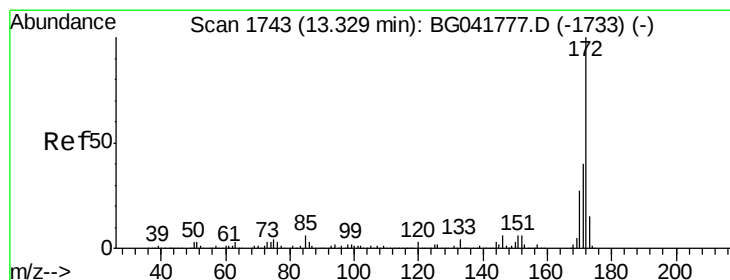
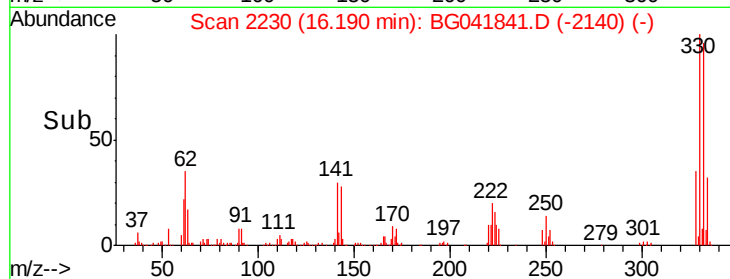
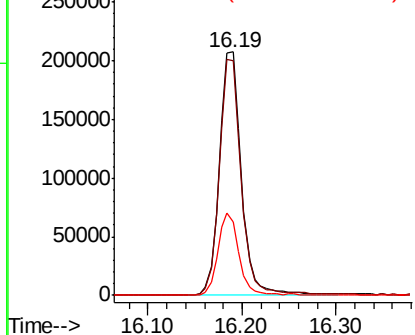


Abundance

Ion 329.80 (329.50 to 330.50): E

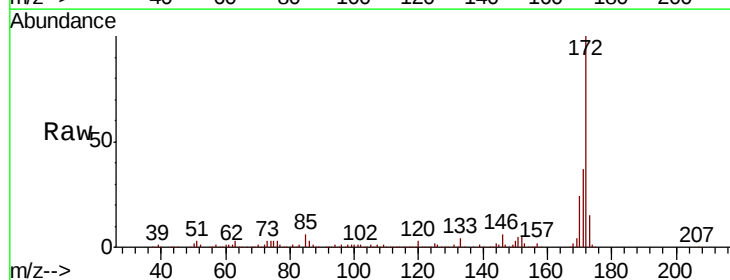
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.722 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041841.D
 Acq: 31 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	35.0	52.4
170	24.2	23.5	35.3

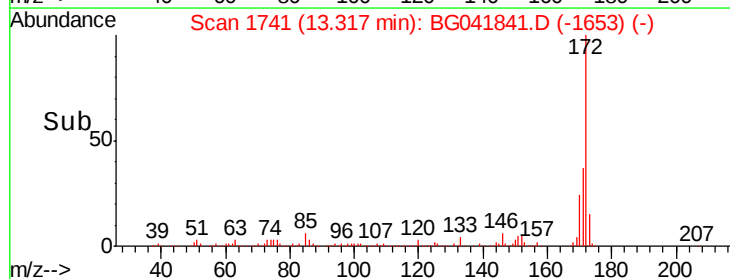
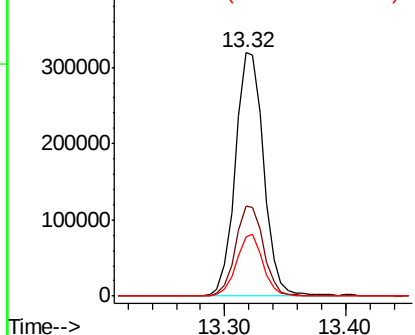


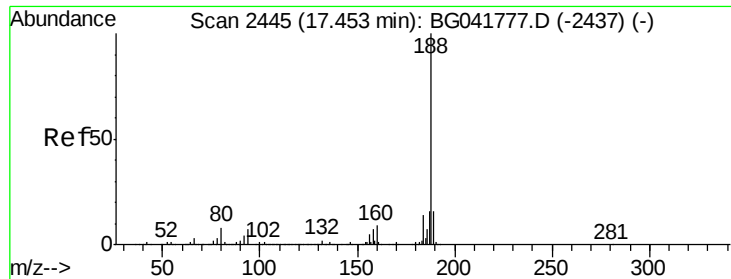
Abundance

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: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041841.D

Acq: 31 Jul 2019 20:07

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

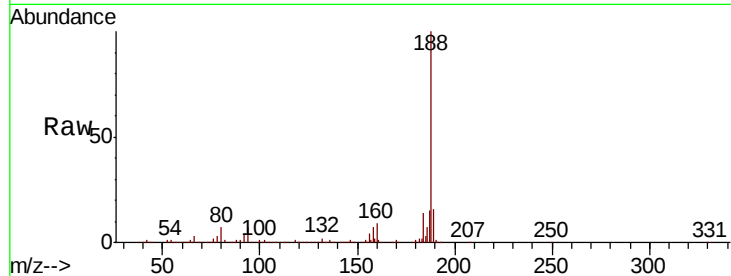
Tot Ion:188 Resp: 441145

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

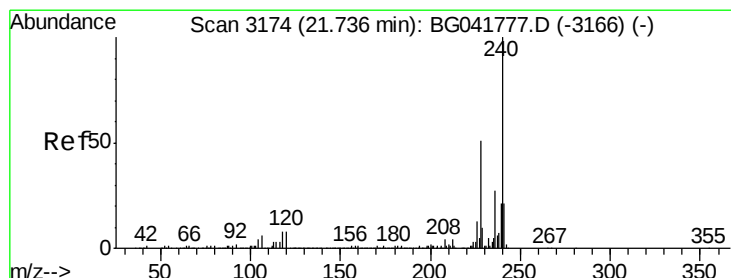
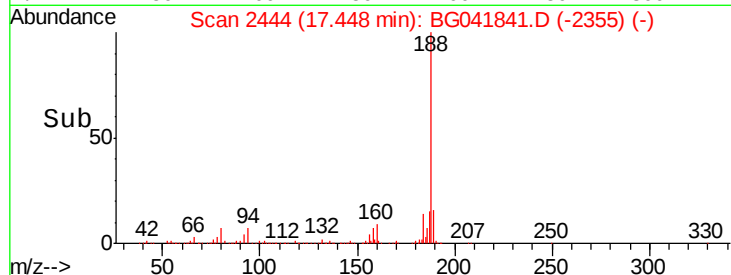
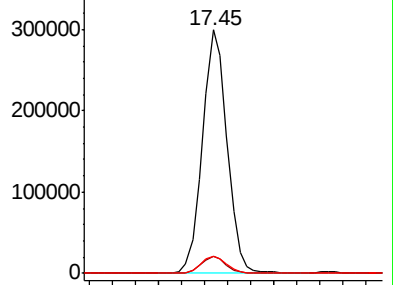
80 7.0 8.0 12.0#



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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041841.D

Acq: 31 Jul 2019 20:07

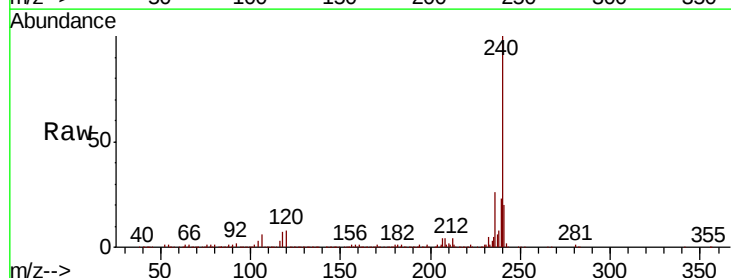
Tgt Ion:240 Resp: 698778

Ion Ratio Lower Upper

240 100

120 7.6 8.0 12.0#

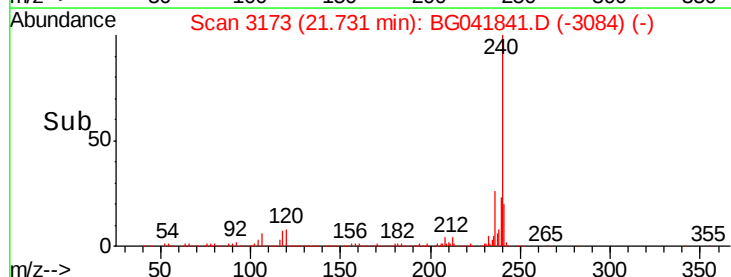
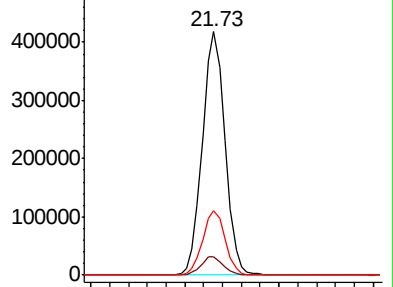
236 26.2 22.6 33.8

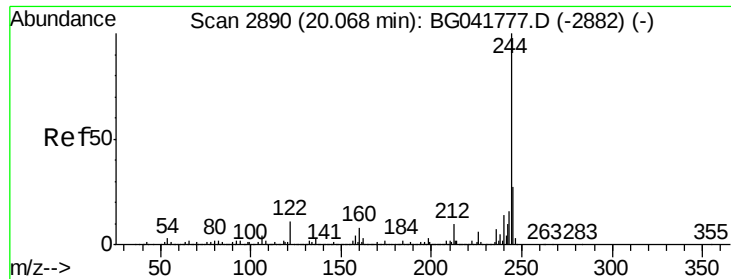


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.479 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041841.D

Acq: 31 Jul 2019 20:07

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

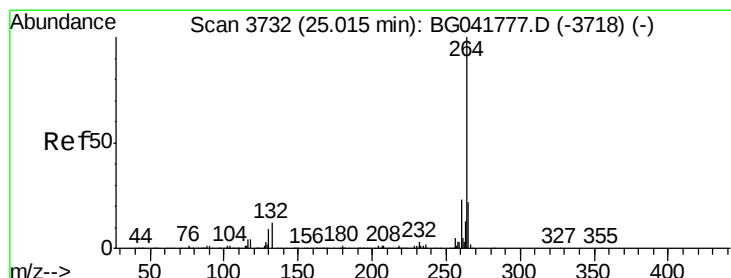
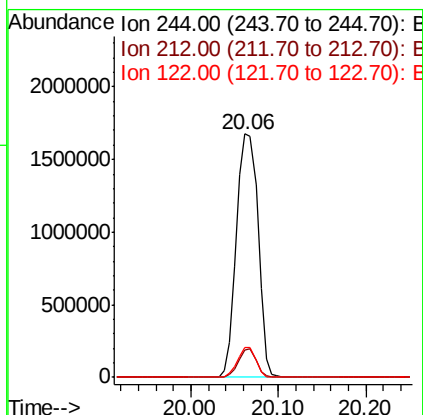
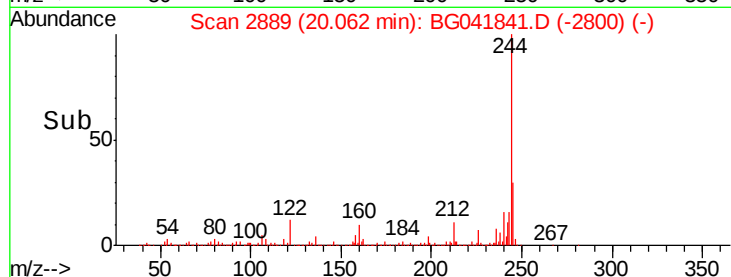
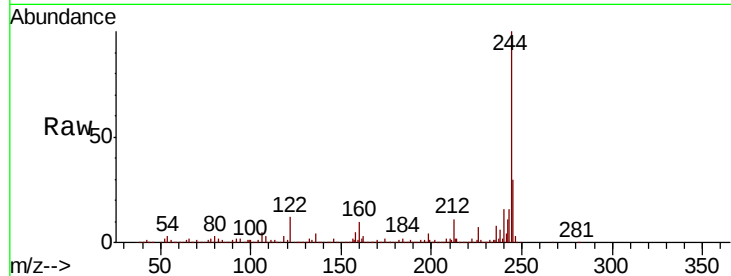
Tot Ion:244 Resp: 2793532

Ion Ratio Lower Upper

244 100

212 11.1 9.7 14.5

122 12.5 12.5 18.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041841.D

Acq: 31 Jul 2019 20:07

Tgt Ion:264 Resp: 741994

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 22.1 18.0 27.0

