

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
 Data File : BG041851.D
 Acq On : 1 Aug 2019 2:30
 Operator : HP/JU
 Sample : K4044-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Aug 01 04:15:45 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	44609	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	191631	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	166807	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	577186	20.00	ng	0.00
76) Chrysene-d12	21.73	240	744477	20.00	ng	0.00
87) Perylene-d12	25.01	264	755324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	329020	143.50	ng	0.00
7) Phenol-d6	7.19	99	427613	138.34	ng	0.00
23) Nitrobenzene-d5	9.21	82	297261	106.75	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	395879	208.94	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	898116	94.96	ng	0.00
79) Terphenyl-d14	20.06	244	2816502	86.57	ng	0.00

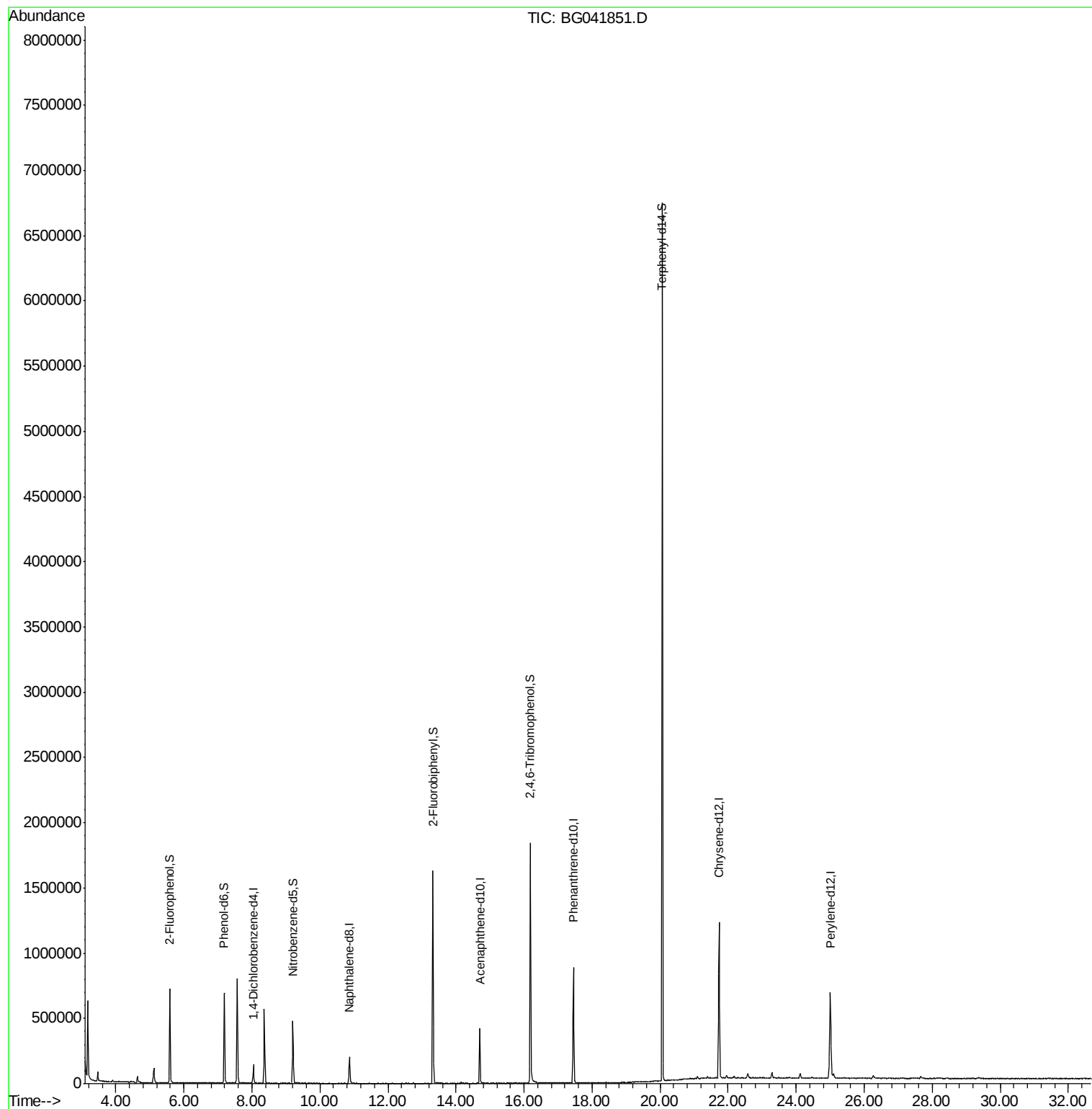
Target Compounds Qvalue

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

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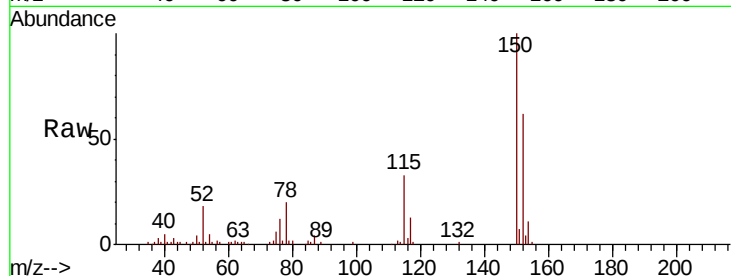


#1

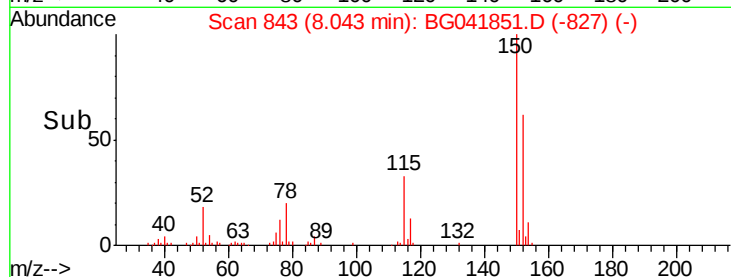
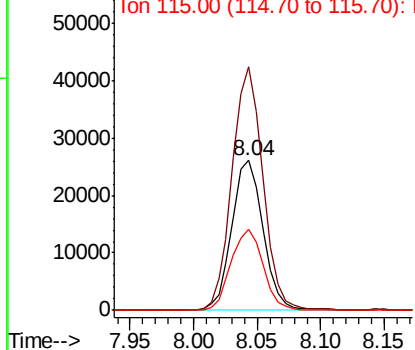
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Instrument :
BNA_G
ClientSampled :
TP-3

Tot Ion:152 Resp: 44609
Ion Ratio Lower Upper
152 100
150 162.2 126.9 190.3
115 53.9 45.0 67.6



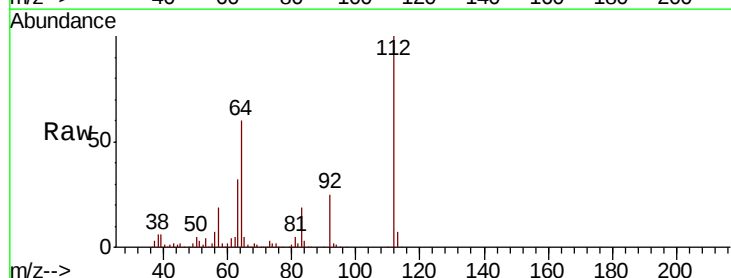
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



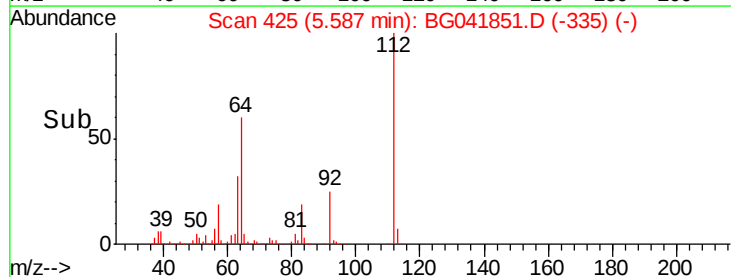
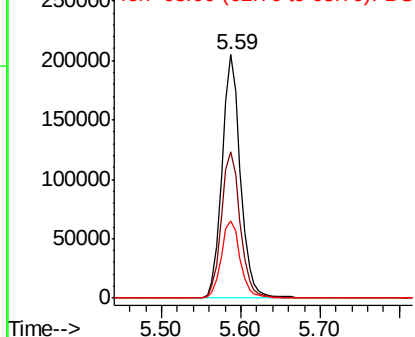
#5

2-Fluorophenol
Concen: 143.502 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Tgt Ion:112 Resp: 329020
Ion Ratio Lower Upper
112 100
64 60.4 55.4 83.2
63 31.6 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: 138.339 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG041851.D

Acq: 1 Aug 2019 2:30

Instrument :

BNA_G

ClientSampleId :

TP-3

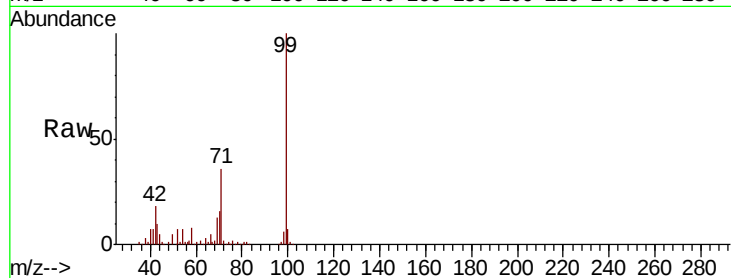
Tot Ion: 99 Resp: 427613

Ion Ratio Lower Upper

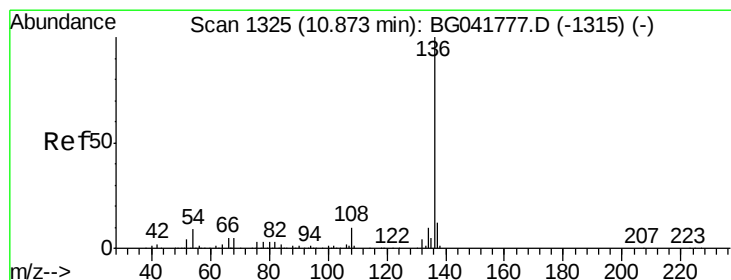
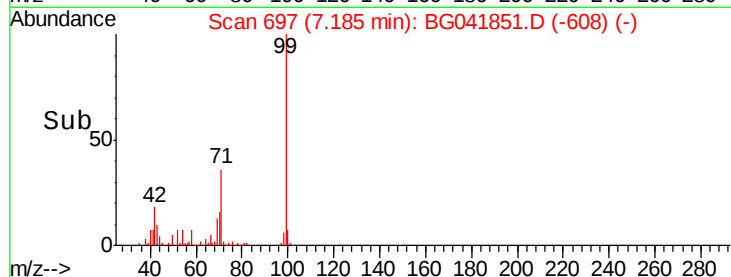
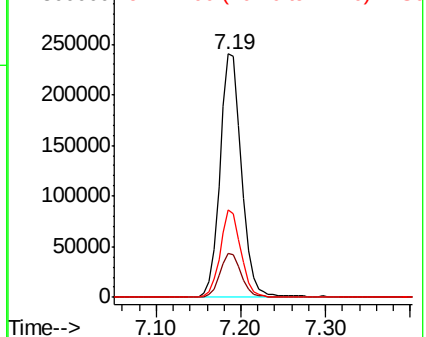
99 100

42 18.0 17.6 26.4

71 36.0 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: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG041851.D

Acq: 1 Aug 2019 2:30

Tgt Ion: 136 Resp: 191631

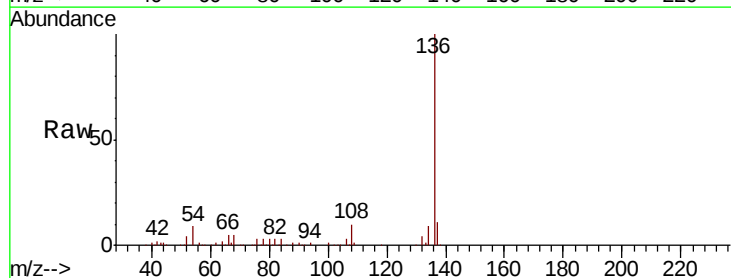
Ion Ratio Lower Upper

136 100

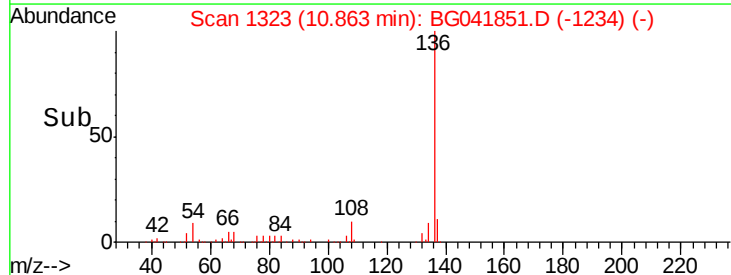
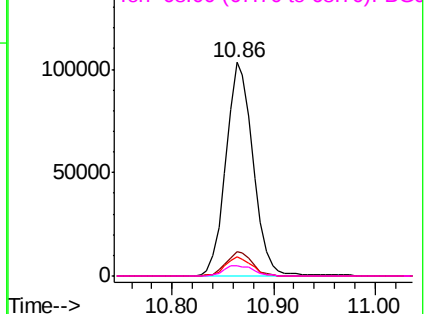
137 11.5 9.2 13.8

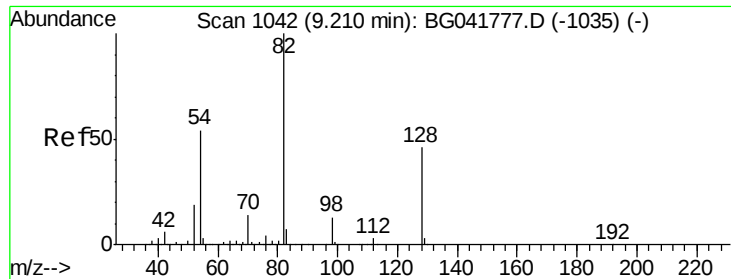
54 9.0 8.7 13.1

68 5.1 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

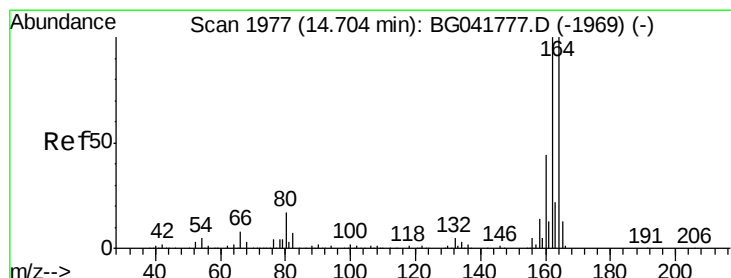
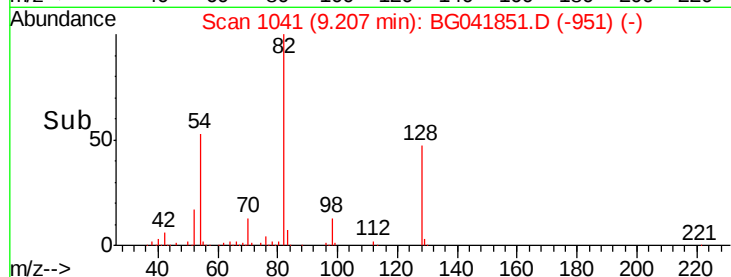
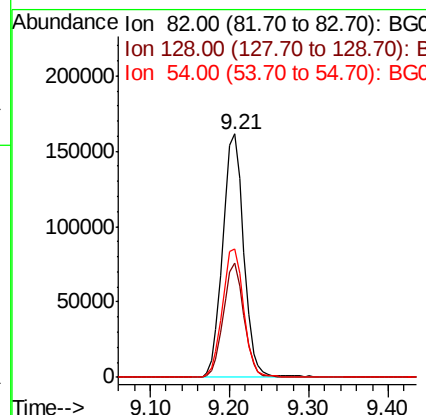
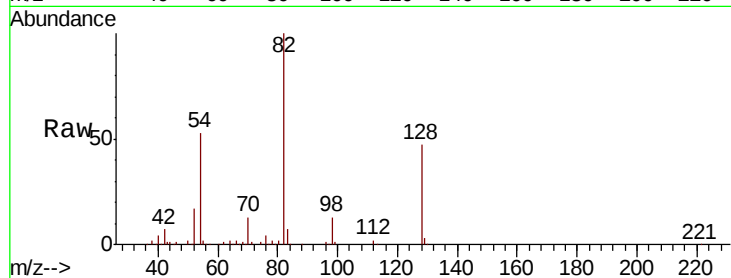




#23
Nitrobenzene-d5
Concen: 106.749 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

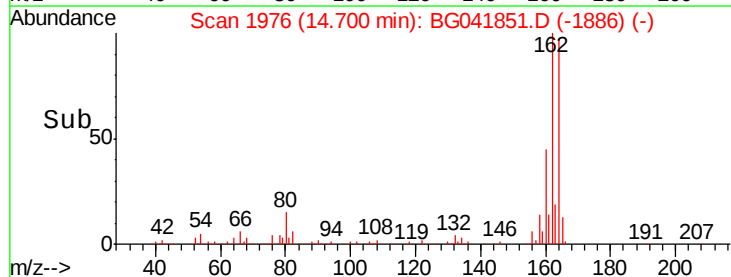
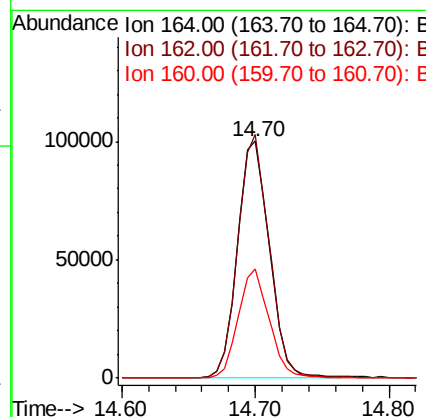
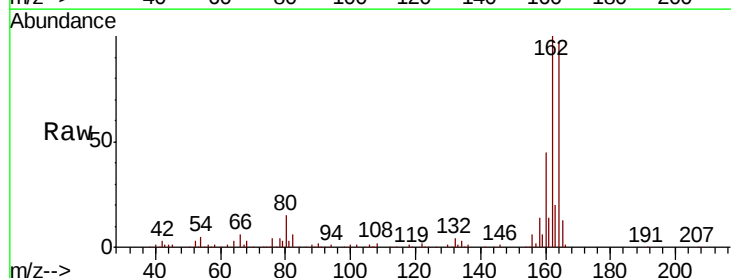
Instrument :
BNA_G
ClientSampled :
TP-3

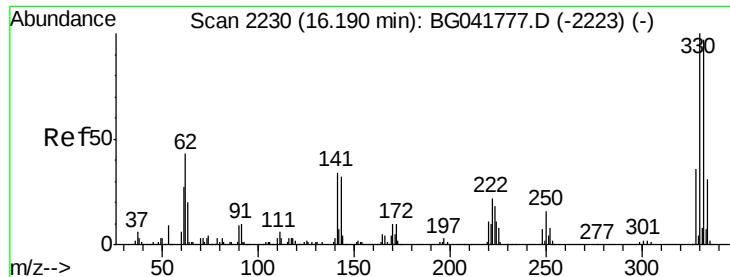
Tot Ion: 82 Resp: 297261
Ion Ratio Lower Upper
82 100
128 47.2 35.1 52.7
54 53.0 48.7 73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Tgt Ion:164 Resp: 166807
Ion Ratio Lower Upper
164 100
162 102.7 79.6 119.4
160 45.9 35.4 53.0

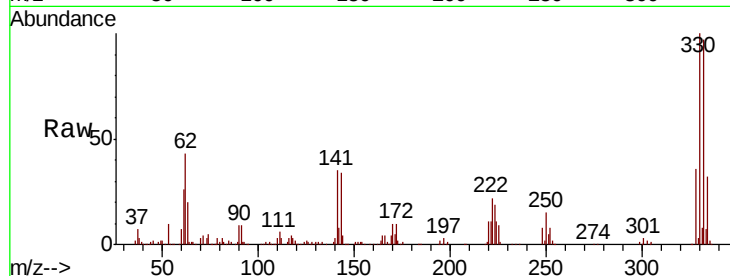




#42
 2,4,6-Tribromophenol
 Concen: 208.940 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG041851.D
 Acq: 1 Aug 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	33.9	31.9	47.9

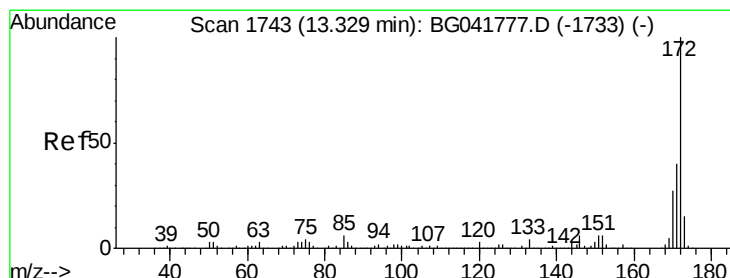
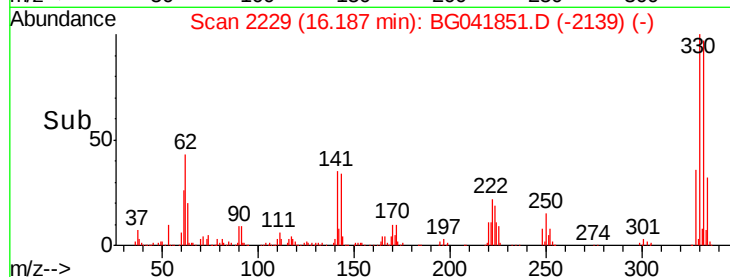
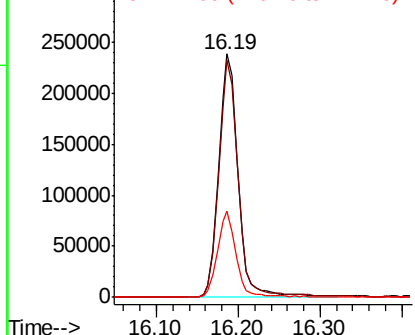


Abundance

Ion 329.80 (329.50 to 330.50): E

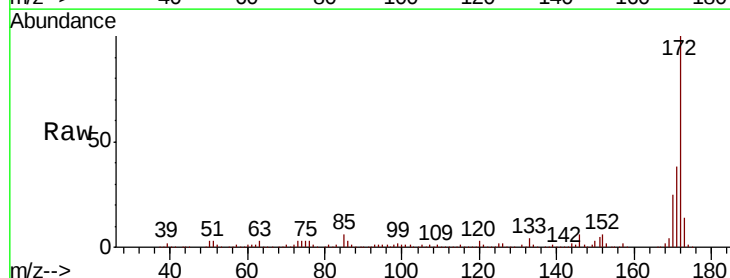
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.962 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041851.D
 Acq: 1 Aug 2019 2:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	35.0	52.4
170	24.7	23.5	35.3

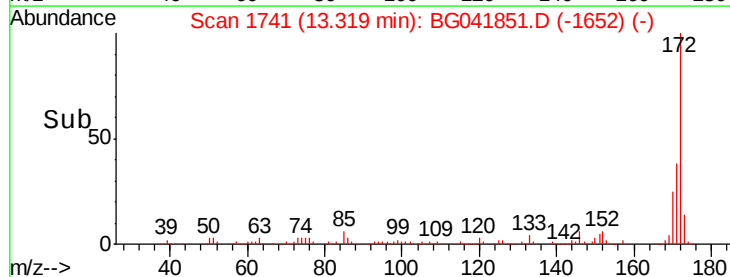
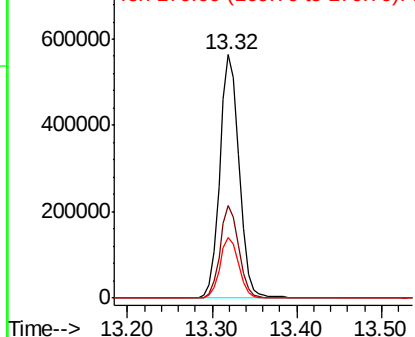


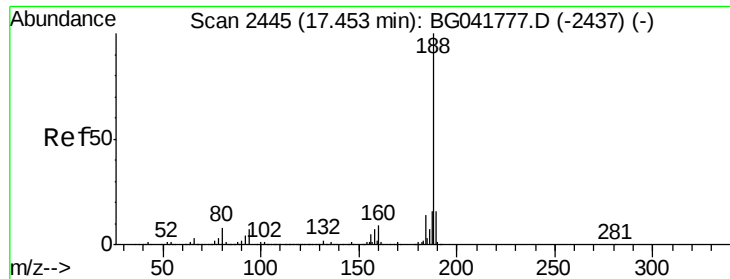
Abundance

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. -0.00 min

Lab File: BG041851.D

Acq: 1 Aug 2019 2:30

Instrument :

BNA_G

ClientSampleId :

TP-3

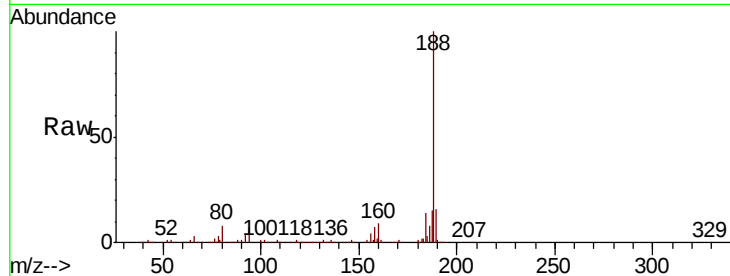
Tot Ion:188 Resp: 577186

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

80 7.8 8.0 12.0#



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

500000

400000

300000

200000

100000

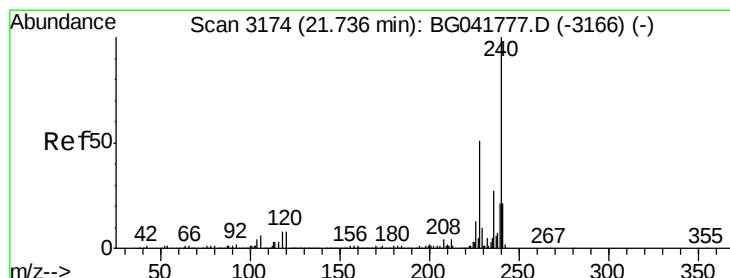
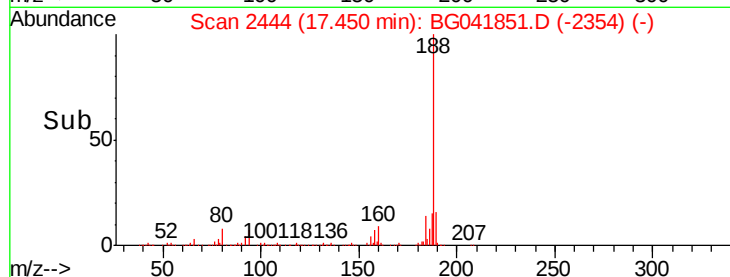
0

17.45

17.40

17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG041851.D

Acq: 1 Aug 2019 2:30

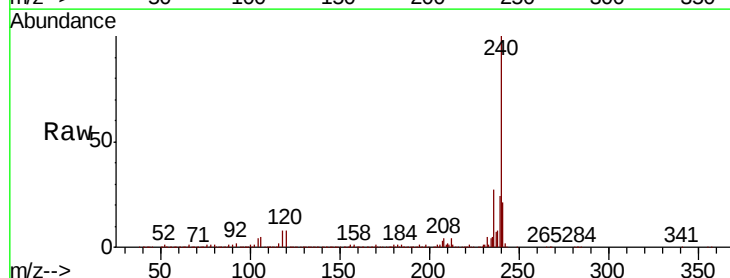
Tgt Ion:240 Resp: 744477

Ion Ratio Lower Upper

240 100

120 7.6 8.0 12.0#

236 26.8 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

500000

400000

300000

200000

100000

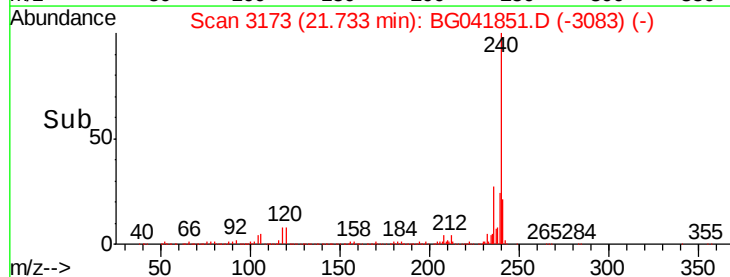
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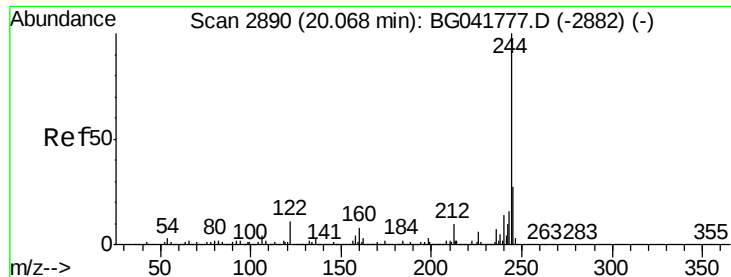
21.73

21.60

21.80

Time-->





#79

Terphenyl-d14

Concen: 86.569 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041851.D

Acq: 1 Aug 2019 2:30

Instrument :

BNA_G

ClientSampleId :

TP-3

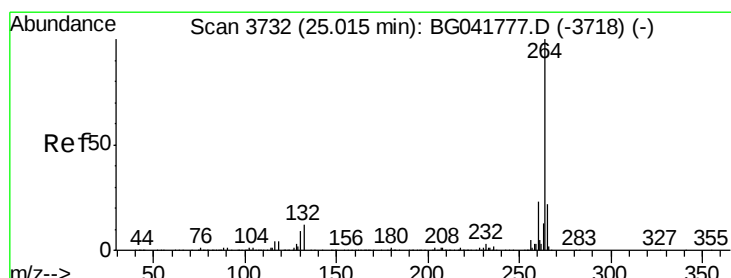
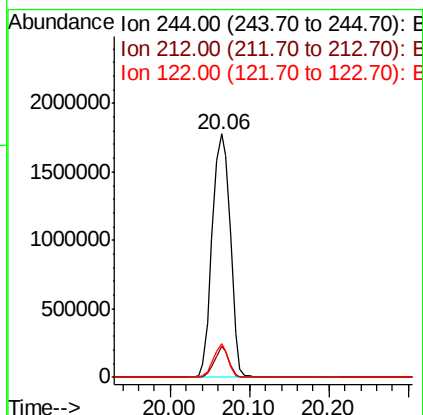
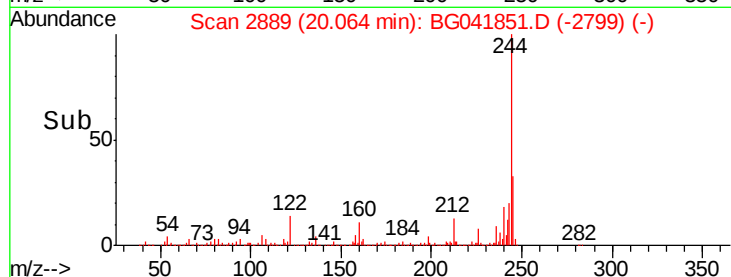
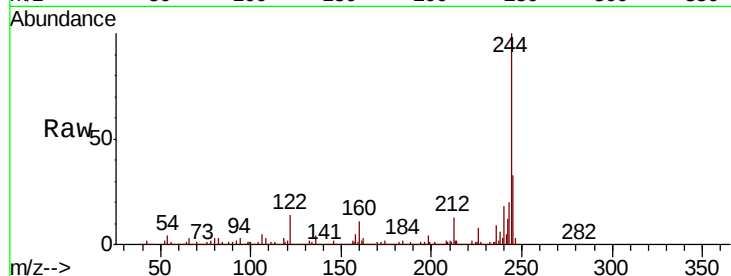
Tot Ion:244 Resp: 2816502

Ion Ratio Lower Upper

244 100

212 12.6 9.7 14.5

122 13.8 12.5 18.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041851.D

Acq: 1 Aug 2019 2:30

Tgt Ion:264 Resp: 755324

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.8 18.0 27.0

