

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041101.D
 Acq On : 7 Jun 2019 14:46
 Operator : HP/JU
 Sample : K3203-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-0531-190604

Quant Time: Jun 08 17:48:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42486	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	173075	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	135671	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	355742	20.00	ng	0.00
76) Chrysene-d12	21.76	240	352335	20.00	ng	0.00
87) Perylene-d12	25.08	264	366875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	142182	60.35	ng	0.00
7) Phenol-d6	7.24	99	144427	39.69	ng	0.00
23) Nitrobenzene-d5	9.28	82	356368	91.41	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	280211	139.12	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	874548	92.83	ng	0.00
79) Terphenyl-d14	20.08	244	1554073	93.61	ng	0.00

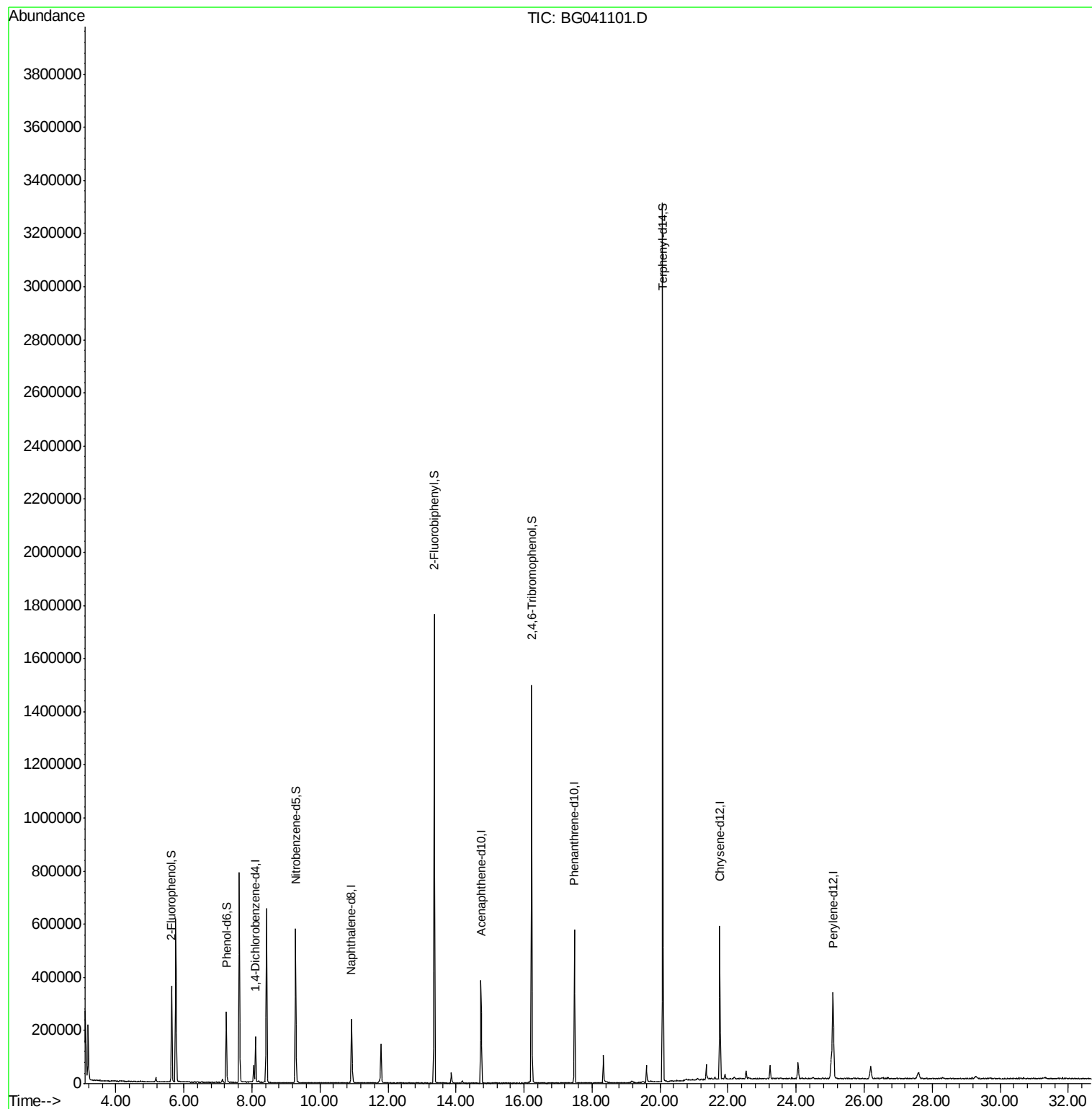
Target Compounds Qvalue

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

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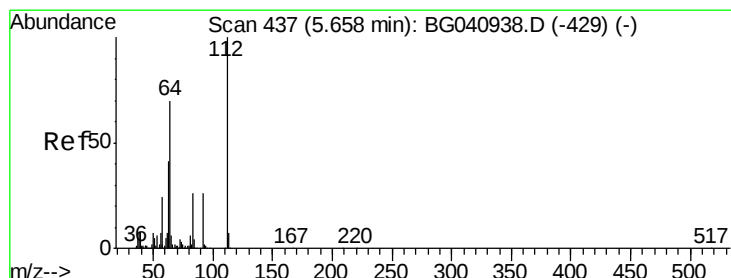
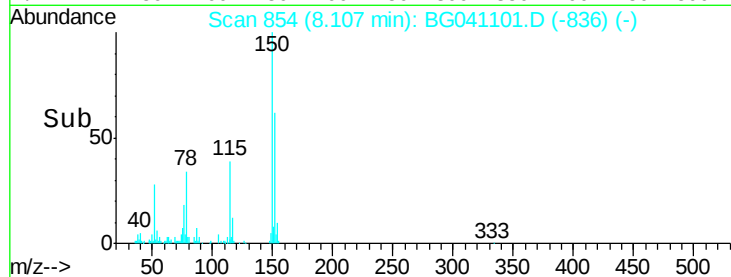
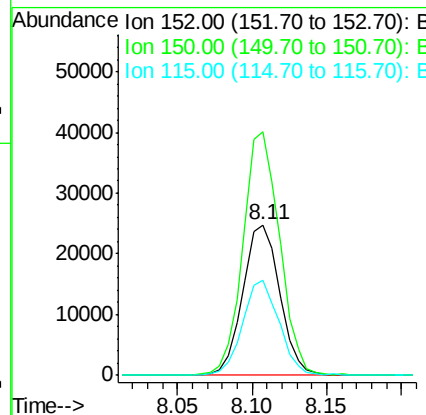
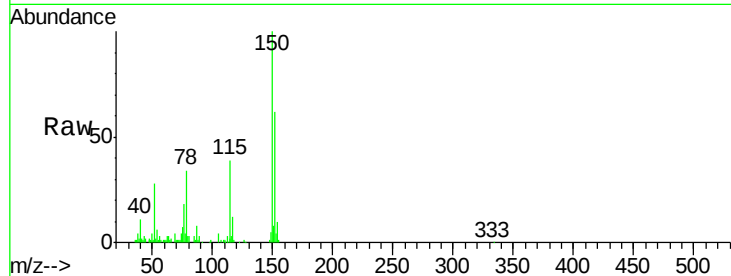


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041101.D
Acq: 7 Jun 2019 14:46

Instrument :
BNA_G
ClientSampleId :
DUP-0531-190604

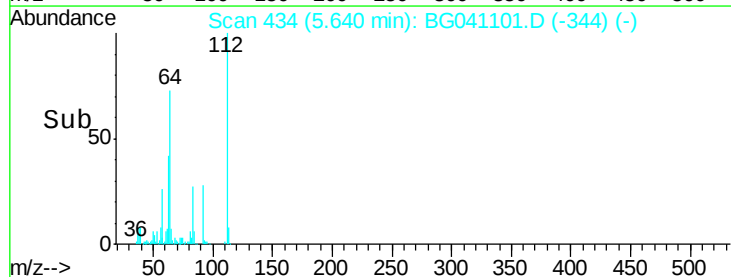
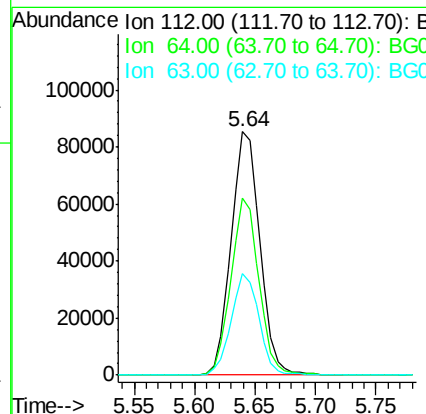
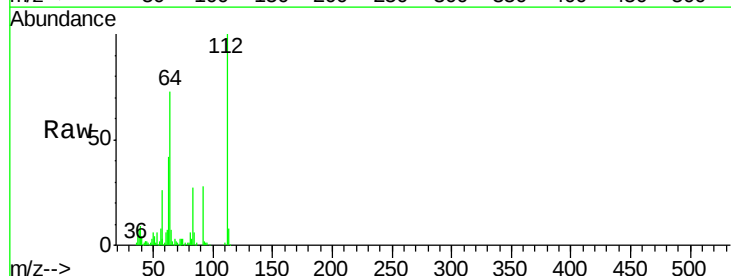
Tot Ion:152 Resp: 42486
Ion Ratio Lower Upper
152 100
150 161.7 111.7 167.5
115 63.2 48.6 73.0

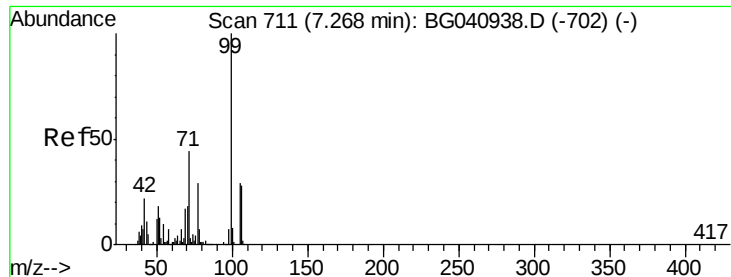


#5

2-Fluorophenol
Concen: 60.346 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG041101.D
Acq: 7 Jun 2019 14:46

Tgt Ion:112 Resp: 142182
Ion Ratio Lower Upper
112 100
64 72.6 54.5 81.7
63 41.7 32.2 48.2





#7

Phenol-d6

Concen: 39.691 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG041101.D

Acq: 7 Jun 2019 14:46

Instrument :

BNA_G

ClientSampleId :

DUP-0531-190604

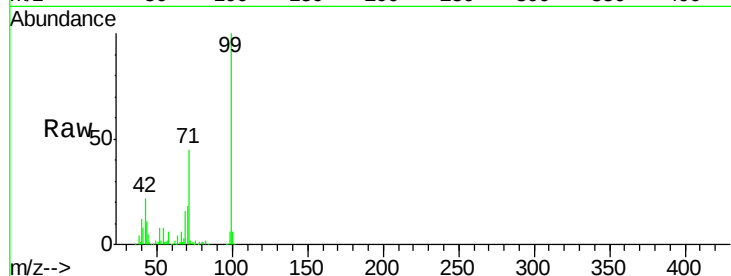
Tot Ion: 99 Resp: 144427

Ion Ratio Lower Upper

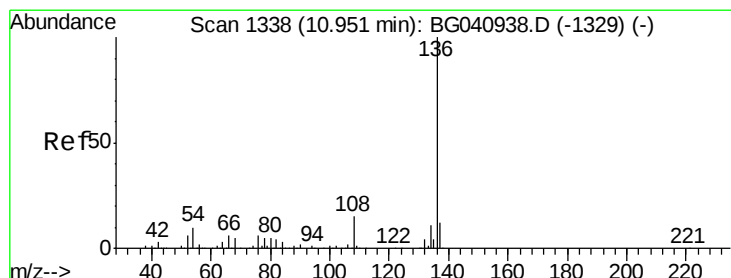
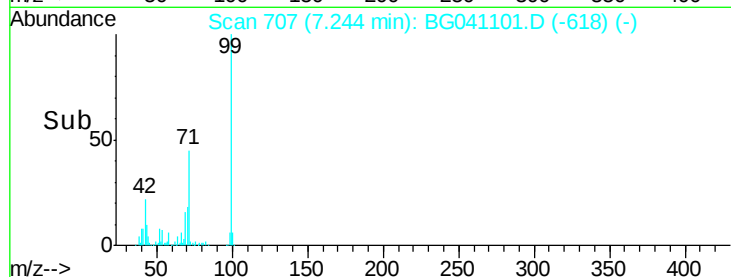
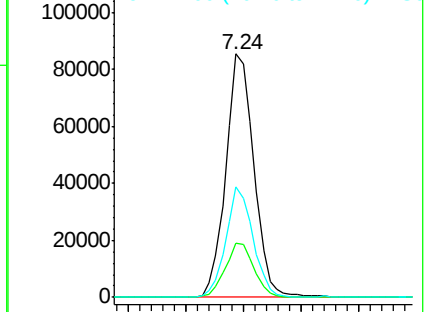
99 100

42 22.3 18.8 28.2

71 45.3 35.6 53.4



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: 10.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BG041101.D

Acq: 7 Jun 2019 14:46

Tgt Ion: 136 Resp: 173075

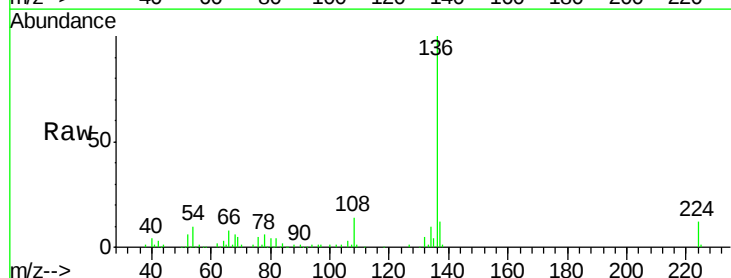
Ion Ratio Lower Upper

136 100

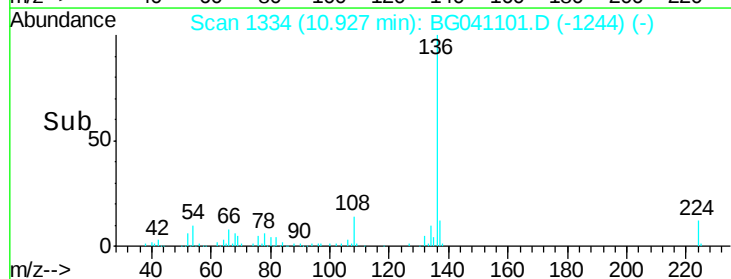
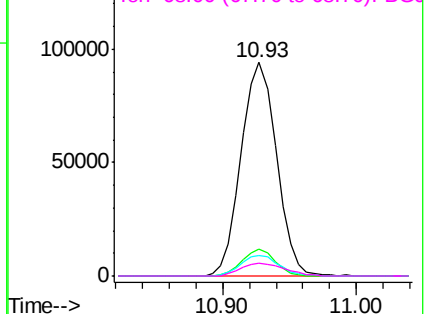
137 12.4 8.9 13.3

54 9.6 7.4 11.2

68 6.0 4.0 6.0



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: 91.408 ng

RT: 9.28 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BG041101.D

Acq: 7 Jun 2019 14:46

Instrument :

BNA_G

ClientSampleId :

DUP-0531-190604

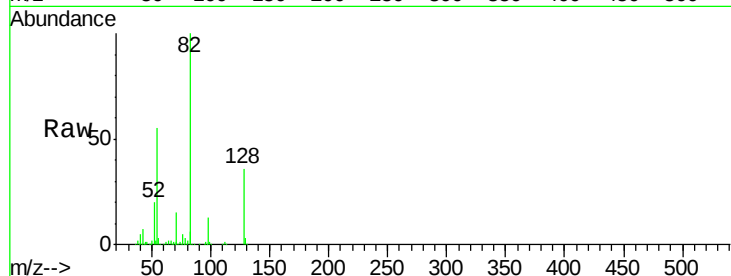
Tot Ion: 82 Resp: 356368

Ion Ratio Lower Upper

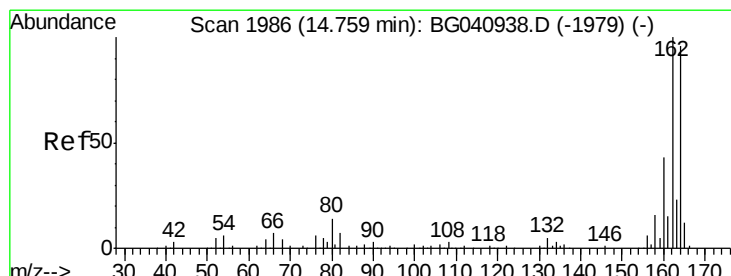
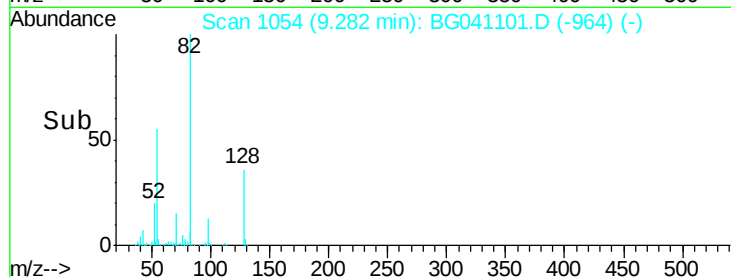
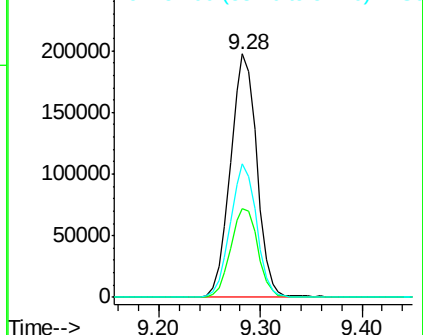
82 100

128 36.5 29.8 44.6

54 54.6 43.6 65.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG041101.D

Acq: 7 Jun 2019 14:46

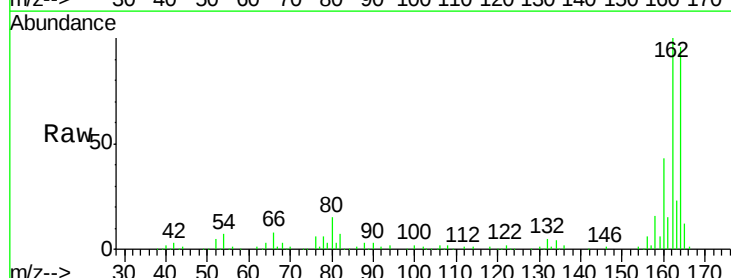
Tgt Ion: 164 Resp: 135671

Ion Ratio Lower Upper

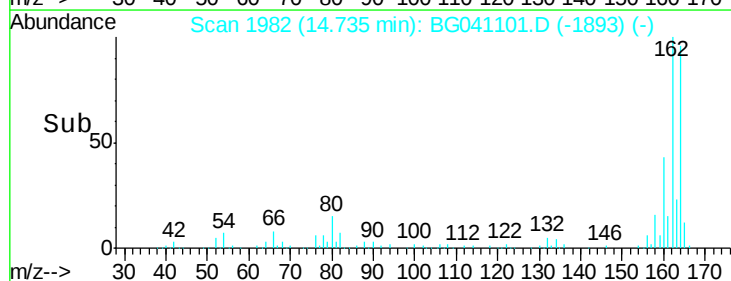
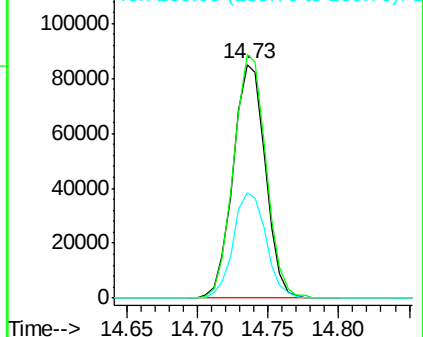
164 100

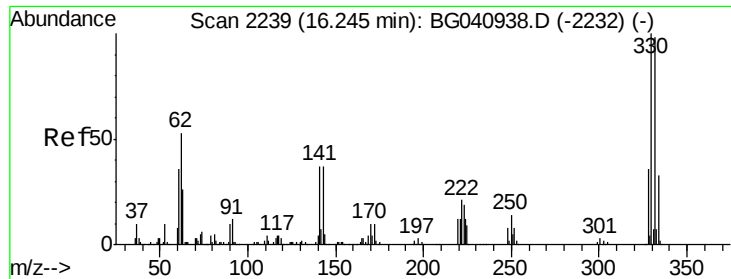
162 104.2 85.4 128.0

160 45.3 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

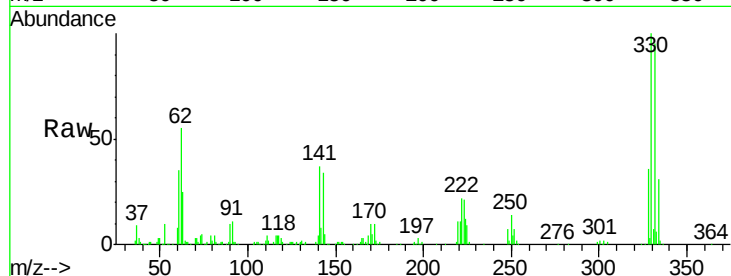




#42
 2,4,6-Tribromophenol
 Concen: 139.123 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041101.D
 Acq: 7 Jun 2019 14:46

Instrument :
 BNA_G
 ClientSampleId :
 DUP-0531-190604

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.9	116.9
141	36.2	29.0	43.4

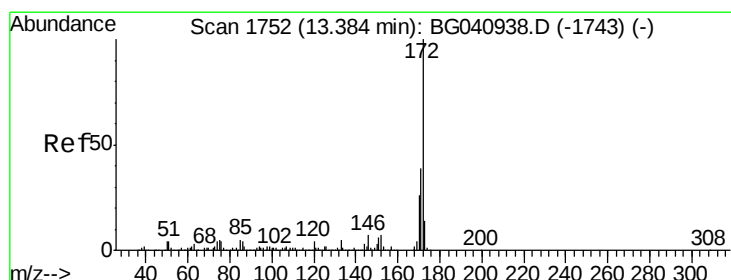
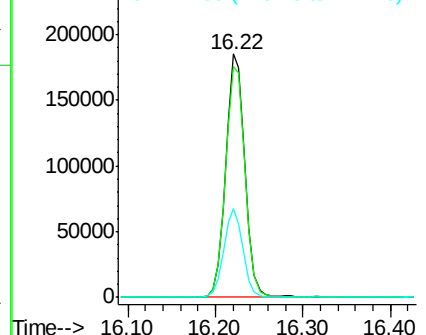
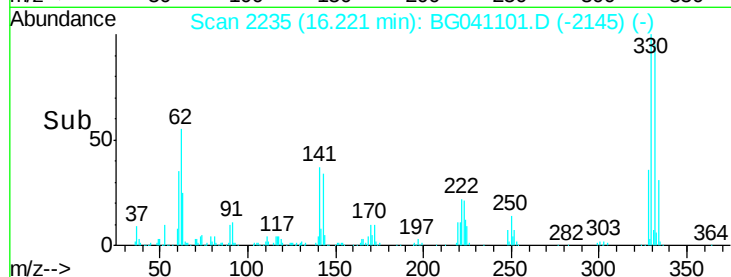


Abundance

Ion 329.80 (329.50 to 330.50): E

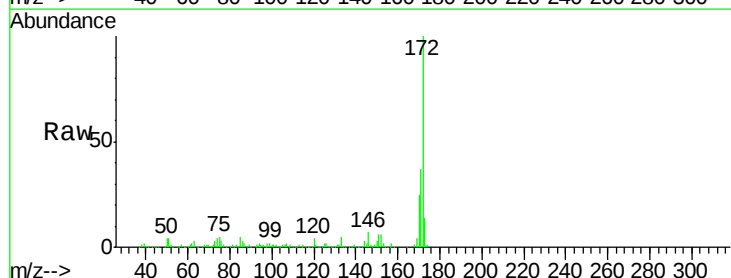
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.831 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG041101.D
 Acq: 7 Jun 2019 14:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	24.5	21.3	31.9

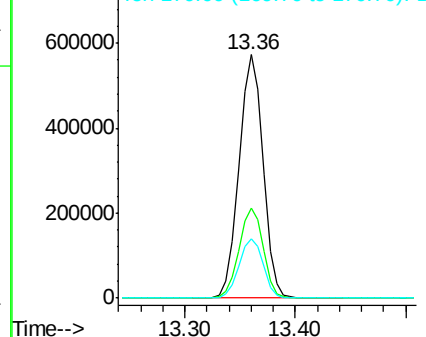
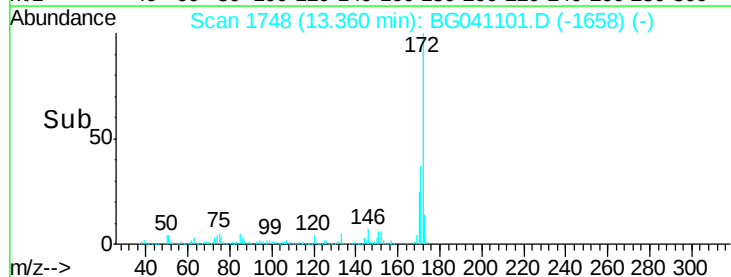


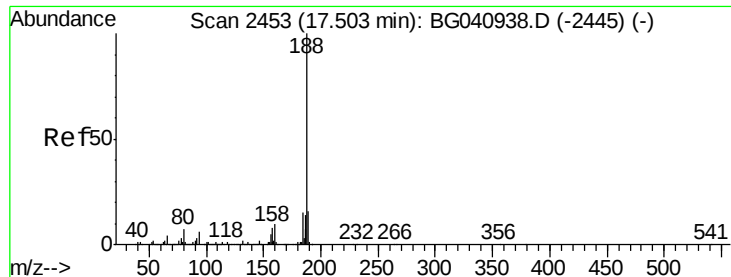
Abundance

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

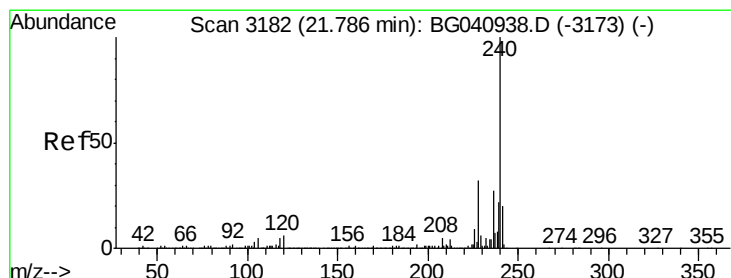
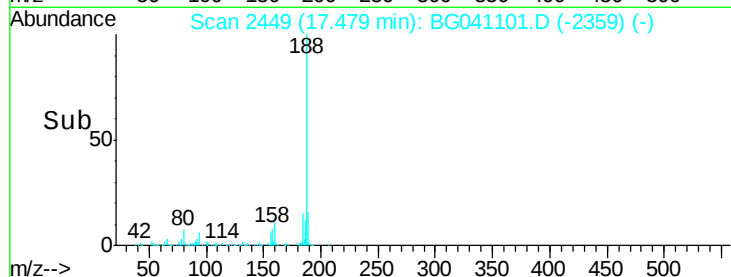
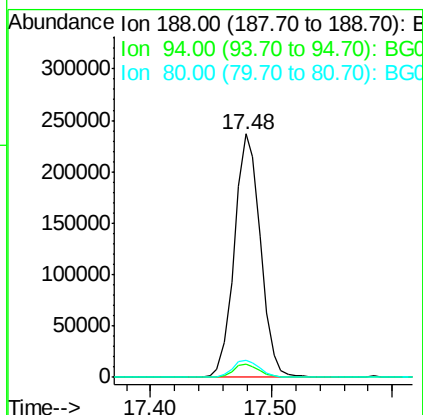
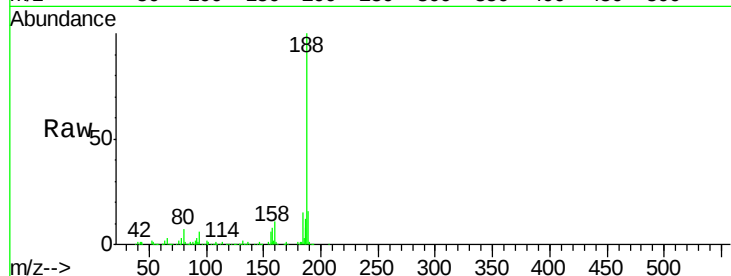




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041101.D
Acq: 7 Jun 2019 14:46

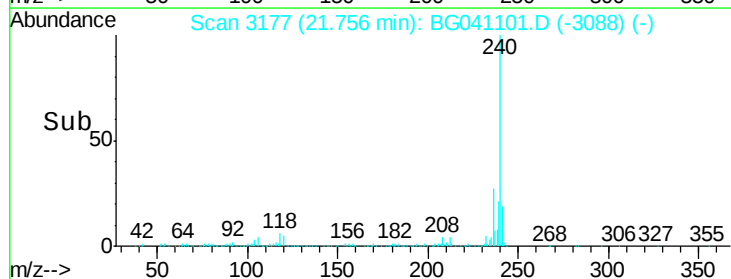
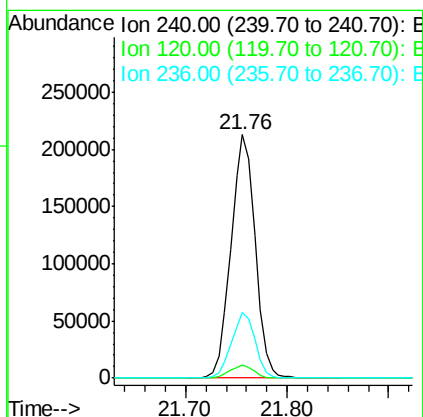
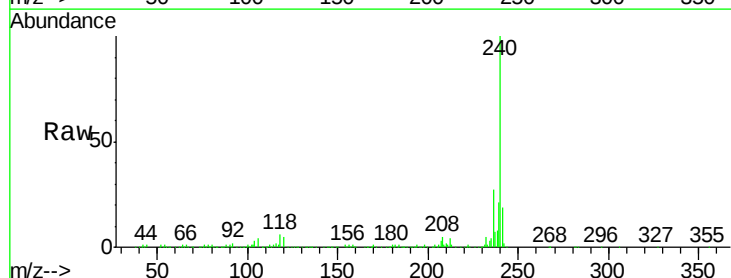
Instrument :
BNA_G
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DUP-0531-190604

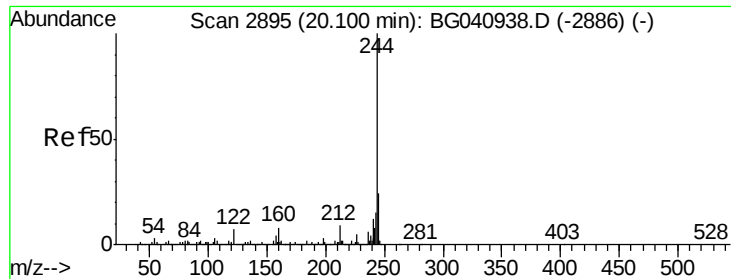
Tot Ion:188 Resp: 355742
Ion Ratio Lower Upper
188 100
94 5.6 4.6 7.0
80 6.9 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041101.D
Acq: 7 Jun 2019 14:46

Tgt Ion:240 Resp: 352335
Ion Ratio Lower Upper
240 100
120 5.4 4.6 6.8
236 27.0 20.6 31.0





#79

Terphenyl-d14

Concen: 93.612 ng

RT: 20.08 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG041101.D

Acq: 7 Jun 2019 14:46

Instrument :

BNA_G

ClientSampleId :

DUP-0531-190604

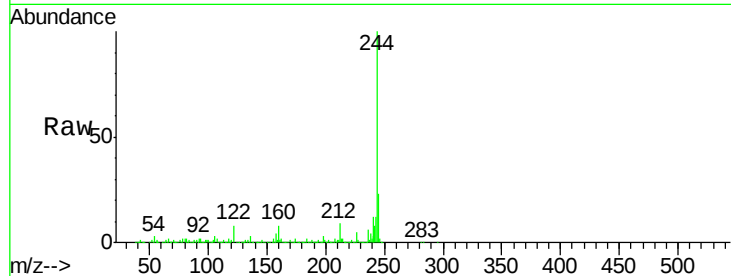
Tot Ion:244 Resp: 1554073

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

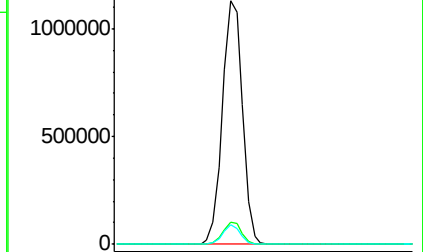
122 7.8 5.4 8.0



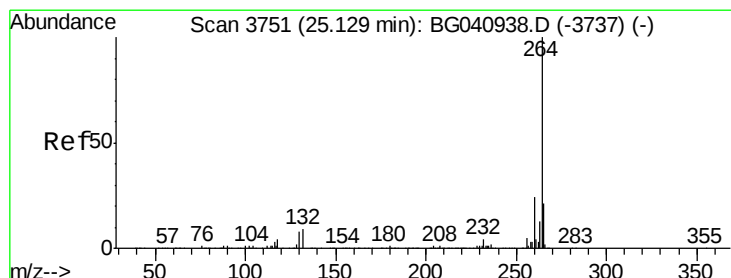
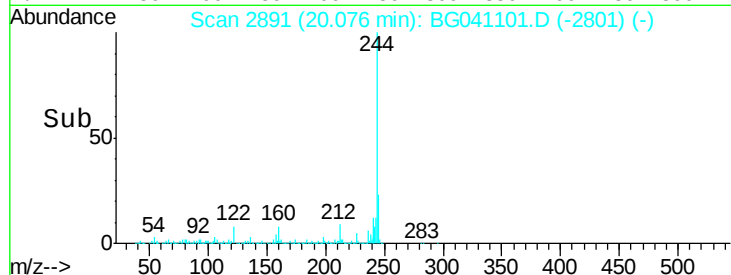
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041101.D

Acq: 7 Jun 2019 14:46

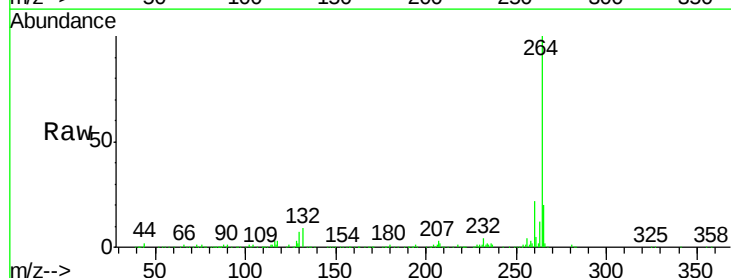
Tgt Ion:264 Resp: 366875

Ion Ratio Lower Upper

264 100

260 22.3 19.1 28.7

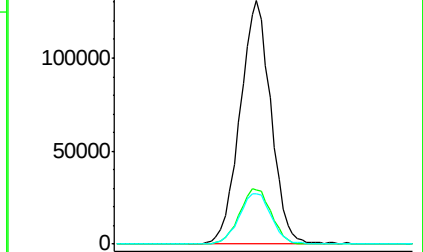
265 20.5 17.6 26.4



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



Time-->

