

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
 Data File : BG039767.D
 Acq On : 5 Mar 2019 16:46
 Operator : JU/SJ
 Sample : PB117619BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BL

Quant Time: Mar 06 00:51:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	36536	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	154732	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	109434	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	292552	20.00	ng	0.00
76) Chrysene-d12	21.82	240	322181	20.00	ng	-0.01
87) Perylene-d12	25.19	264	320266	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	284675	132.93	ng	0.00
7) Phenol-d6	7.30	99	411332	128.81	ng	-0.01
23) Nitrobenzene-d5	9.33	82	232380	81.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	163958	128.54	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	619056	80.54	ng	-0.01
79) Terphenyl-d14	20.12	244	1163078	79.49	ng	0.00

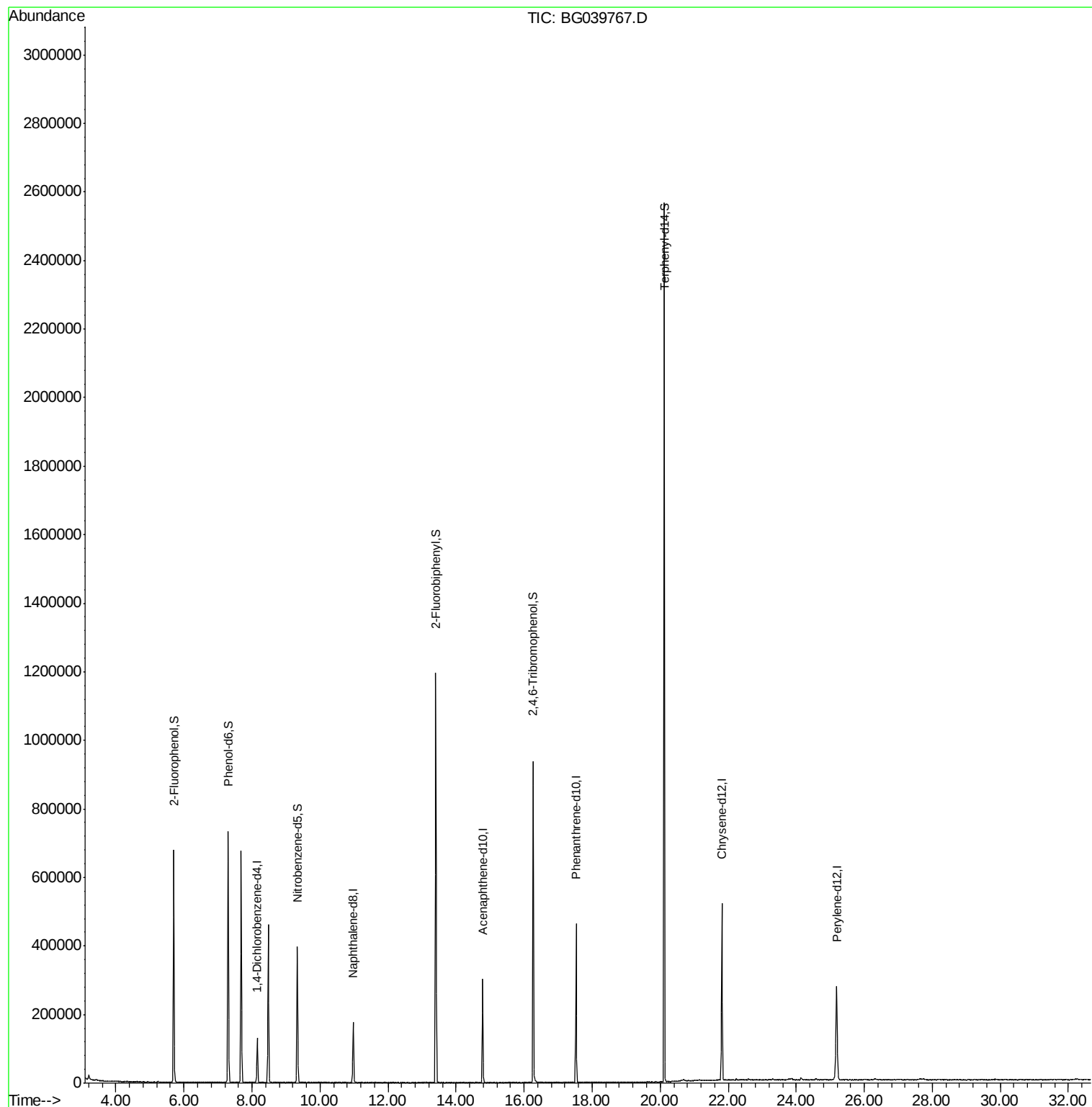
Target Compounds Qvalue

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

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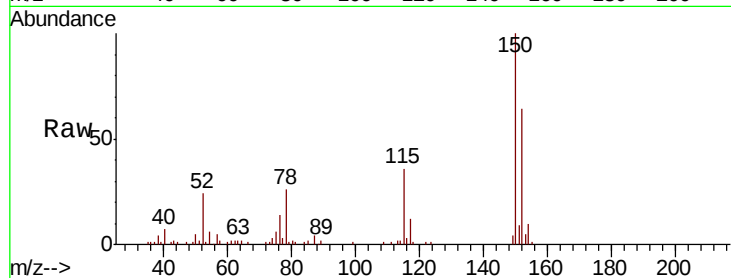


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

Instrument :
BNA_G
ClientSampleId :
PB117619BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.7	185.5
115	55.7	45.9	68.9

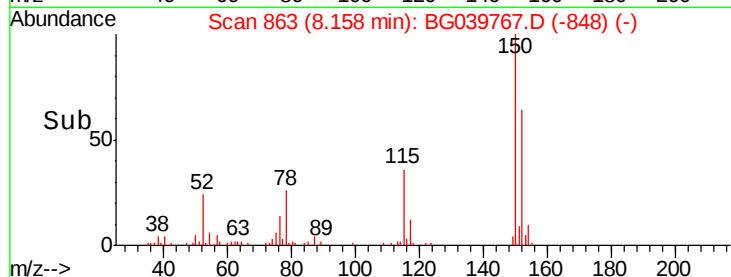
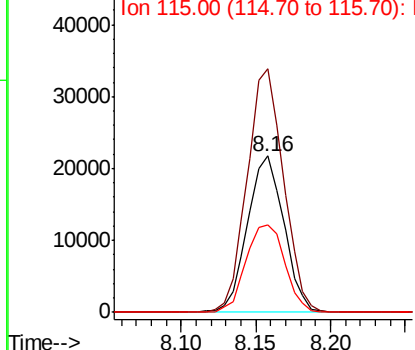


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

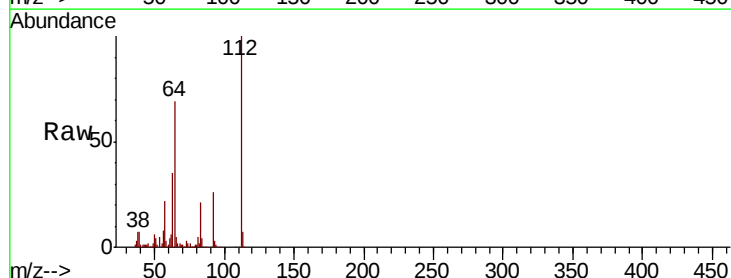
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.926 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	57.8	86.8
63	35.3	29.8	44.6

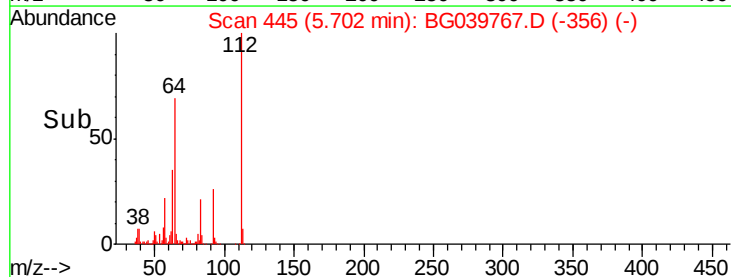
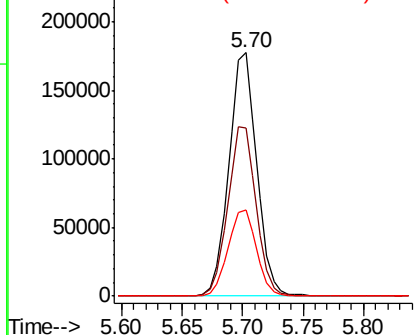


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.813 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

Instrument :

BNA_G

ClientSampleId :

PB117619BL

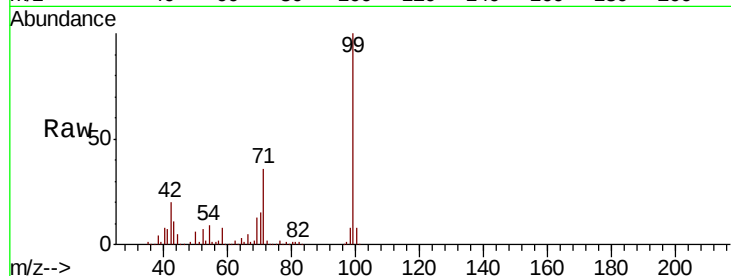
Tot Ion: 99 Resp: 411332

Ion Ratio Lower Upper

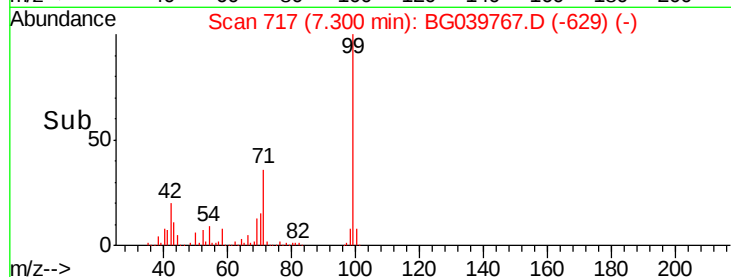
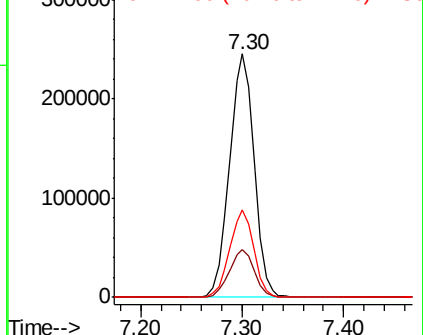
99 100

42 19.7 18.2 27.2

71 35.8 28.0 42.0



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: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

Tgt Ion: 136 Resp: 154732

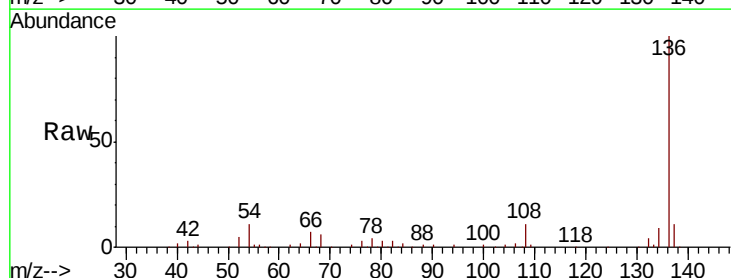
Ion Ratio Lower Upper

136 100

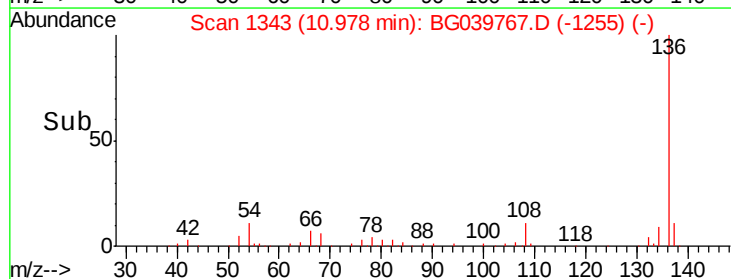
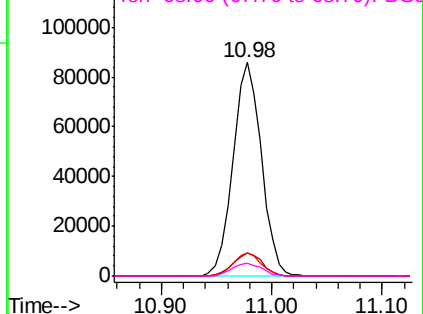
137 11.1 9.1 13.7

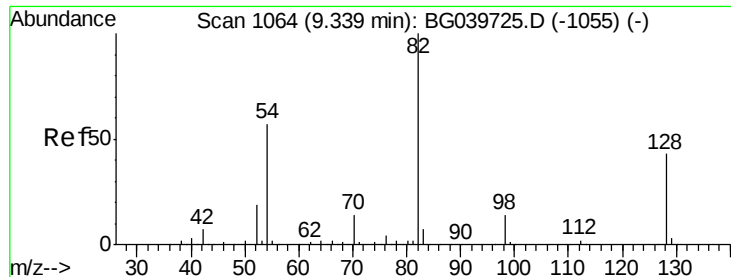
54 10.8 9.4 14.2

68 6.1 4.2 6.4



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

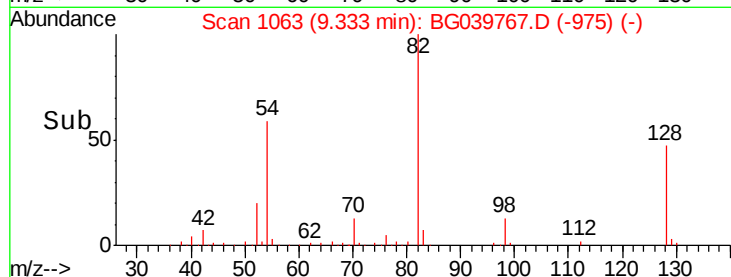
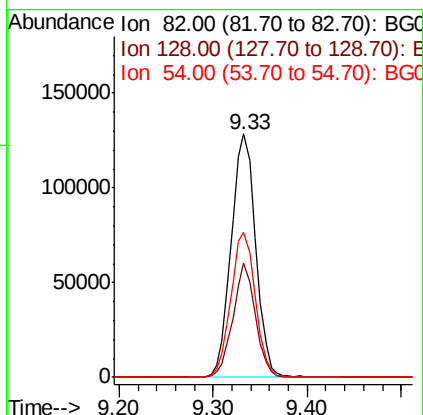
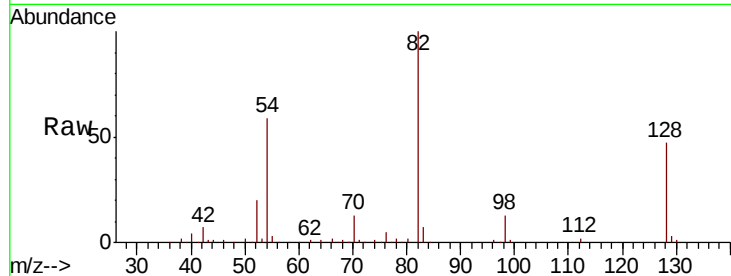




#23
 Nitrobenzene-d5
 Concen: 81.225 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039767.D
 Acq: 5 Mar 2019 16:46

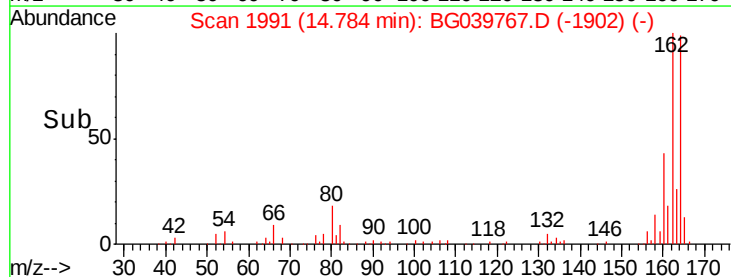
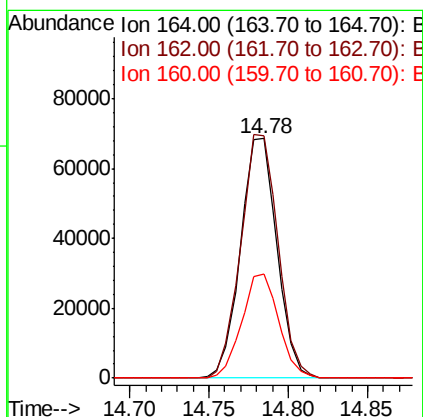
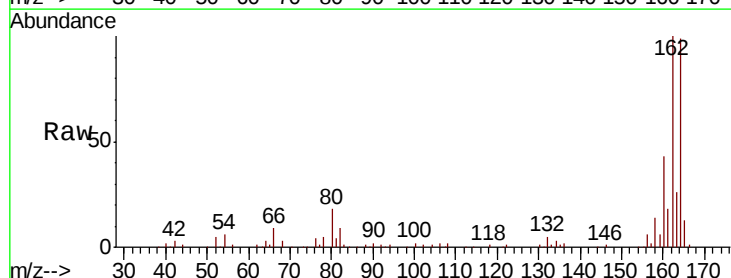
Instrument :
 BNA_G
 ClientSampleId :
 PB117619BL

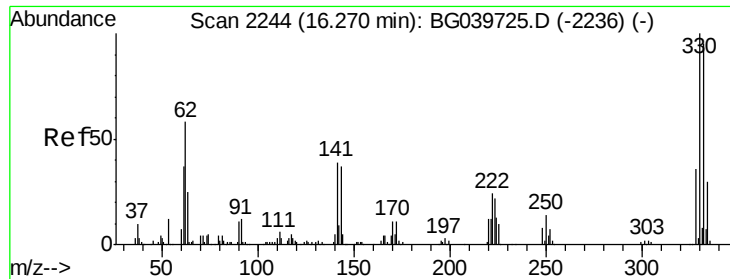
Tot Ion: 82 Resp: 232380
 Ion Ratio Lower Upper
 82 100
 128 47.1 31.3 46.9#
 54 59.5 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG039767.D
 Acq: 5 Mar 2019 16:46

Tgt Ion:164 Resp: 109434
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.6 122.4
 160 43.3 34.2 51.2

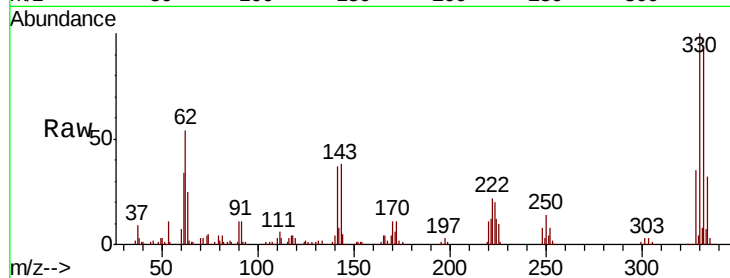




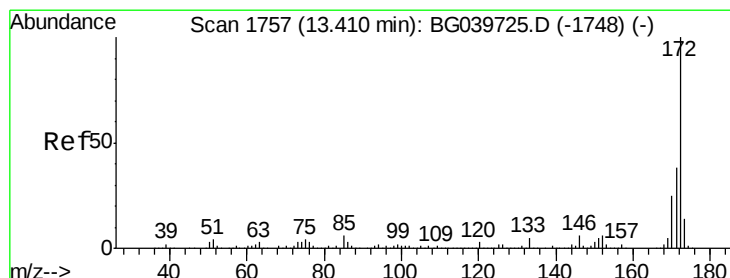
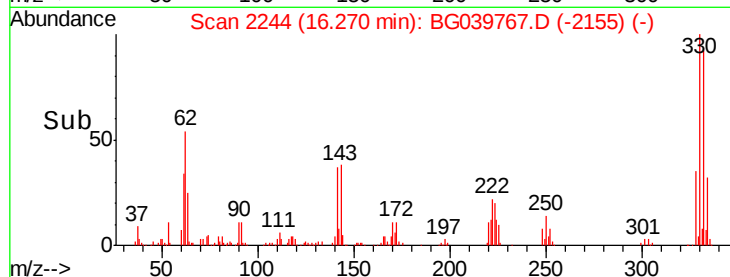
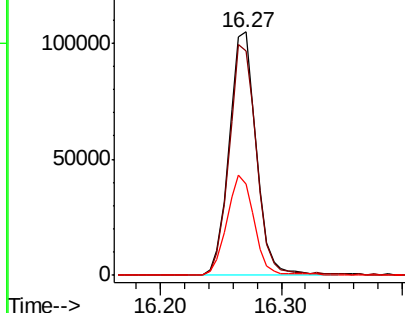
#42
 2,4,6-Tribromophenol
 Concen: 128.541 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039767.D
 Acq: 5 Mar 2019 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.7	113.5
141	41.2	35.6	53.4

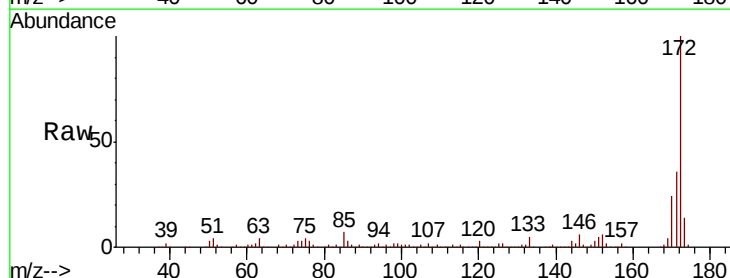


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

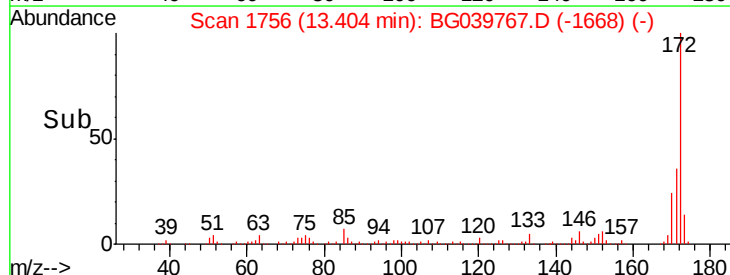
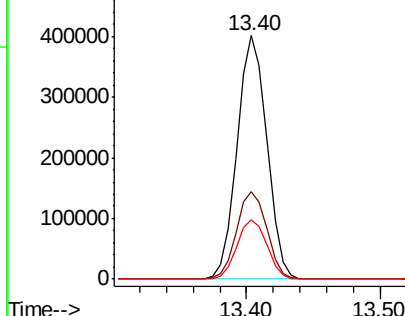


#45
 2-Fluorobiphenyl
 Concen: 80.544 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039767.D
 Acq: 5 Mar 2019 16:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.8	46.2
170	24.3	20.2	30.4



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

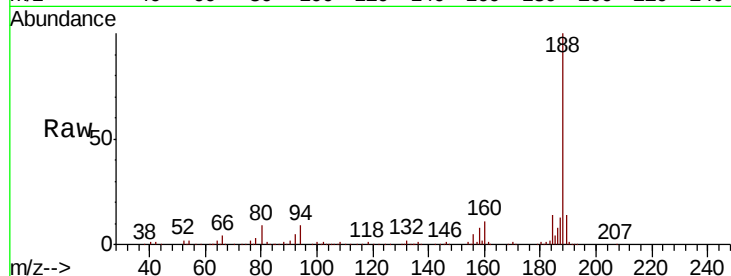




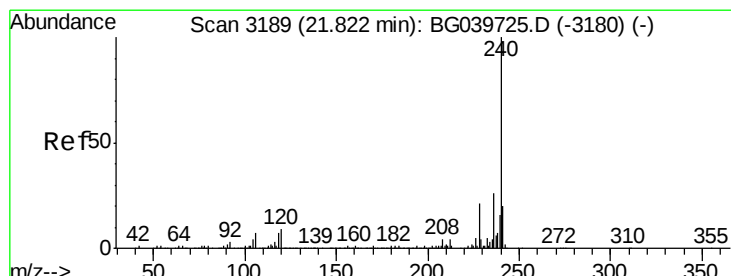
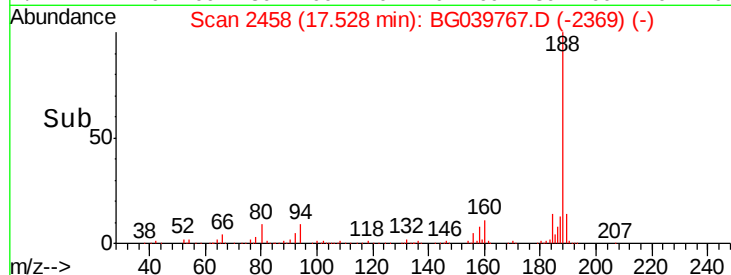
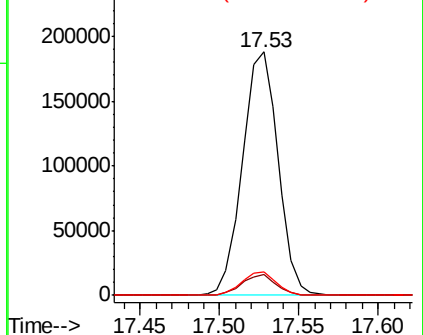
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

Instrument :
BNA_G
ClientSampleId :
PB117619BL

Tot Ion:188 Resp: 292552
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.4 8.1 12.1

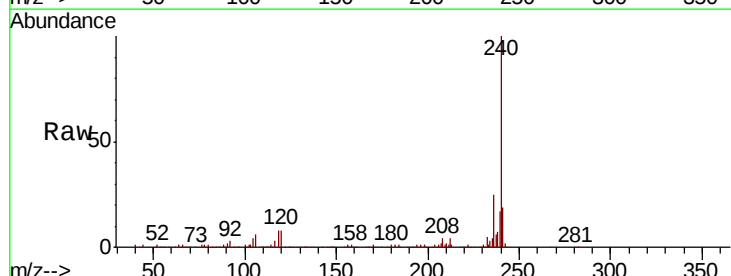


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

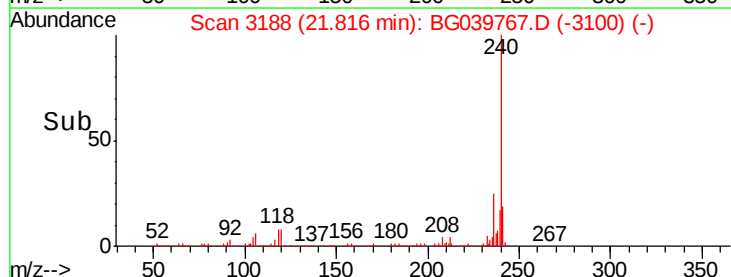
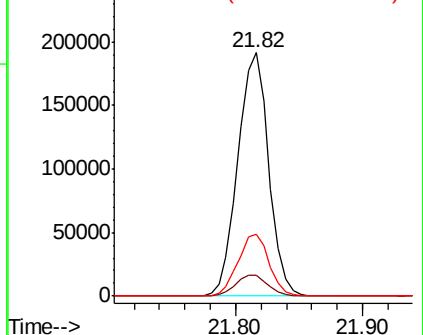


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

Tgt Ion:240 Resp: 322181
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.5 21.0 31.4



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: 79.485 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

Instrument :

BNA_G

ClientSampleID :

PB117619BL

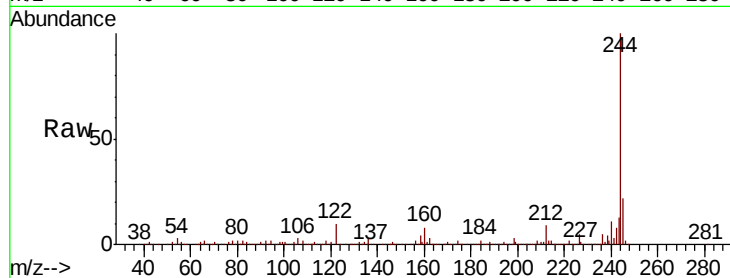
Tot Ion:244 Resp: 1163078

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

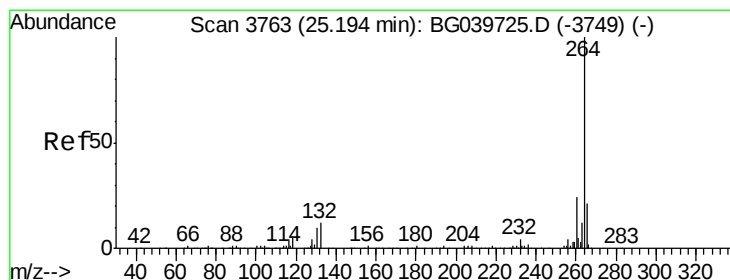
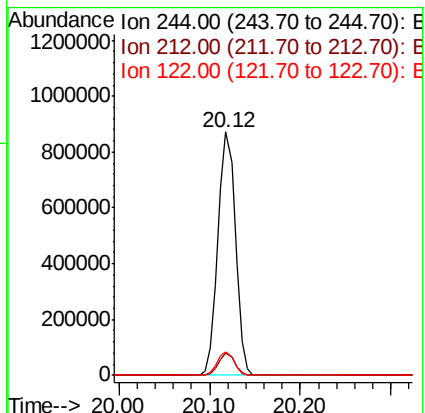
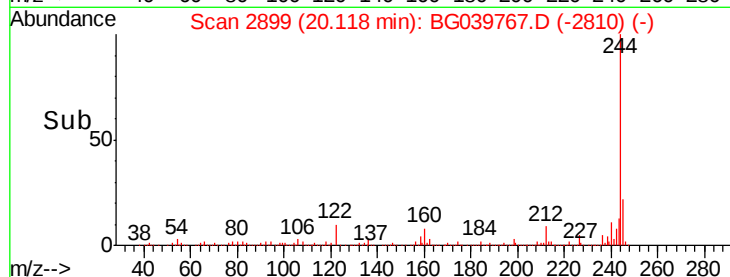
122 9.8 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

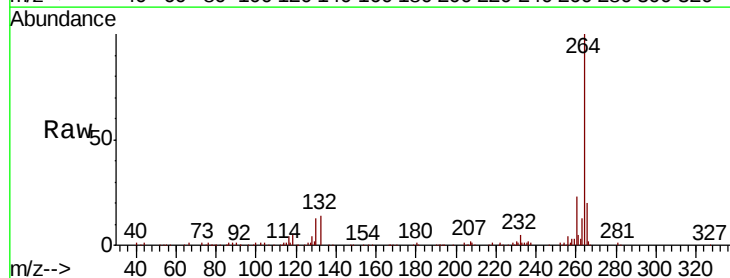
Tgt Ion:264 Resp: 320266

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 20.5 18.5 27.7



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

