

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039683.D
 Acq On : 1 Mar 2019 6:52
 Operator : JU/SJ
 Sample : K1647-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 44766

Quant Time: Mar 01 10:09:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	50662	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	215311	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	146044	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	353109	20.00	ng	0.00
76) Chrysene-d12	21.82	240	372965	20.00	ng	-0.01
87) Perylene-d12	25.20	264	362354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	421491	142.39	ng	0.00
7) Phenol-d6	7.31	99	531643	122.02	ng	0.00
23) Nitrobenzene-d5	9.34	82	420836	122.10	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	205883	130.92	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	885532	86.98	ng	0.00
79) Terphenyl-d14	20.13	244	1598786	90.74	ng	0.00

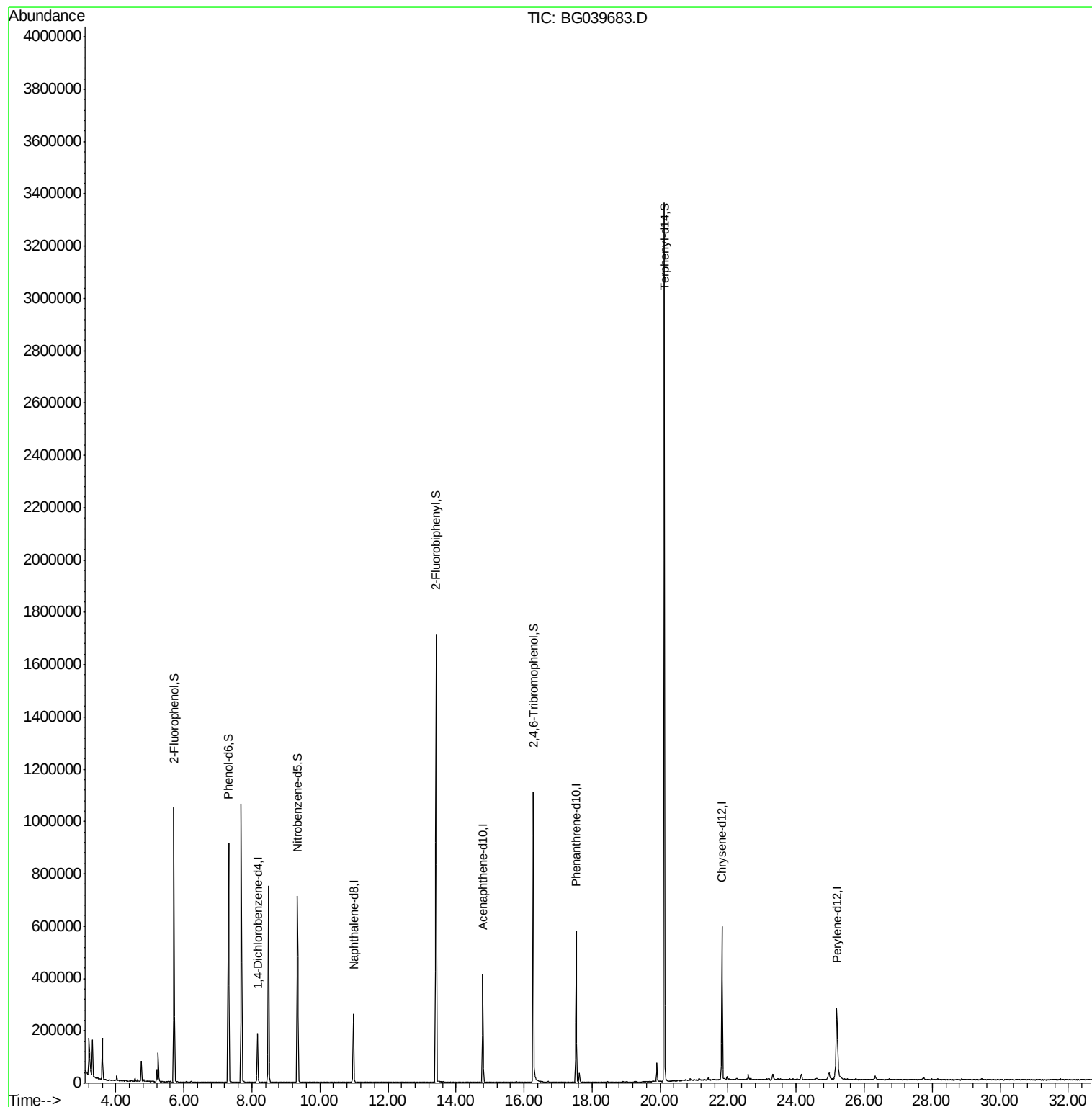
Target Compounds Qvalue

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

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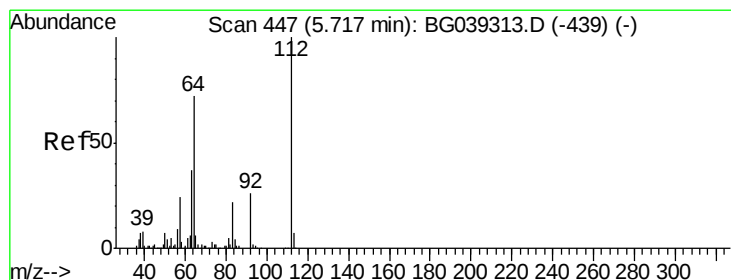
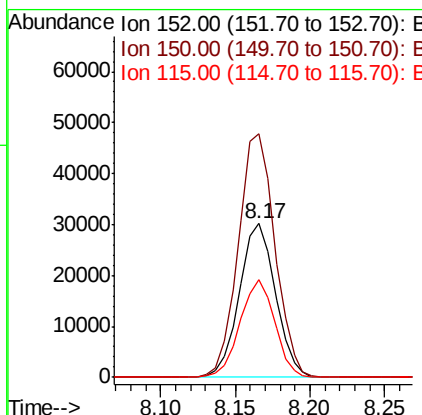
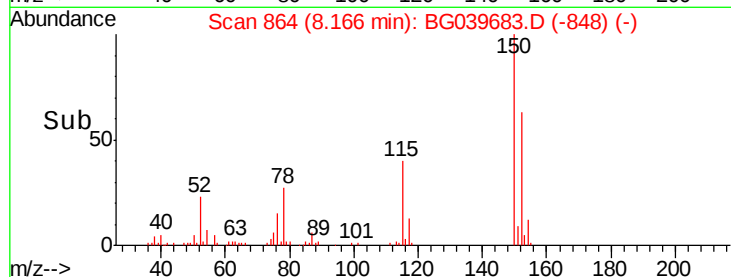
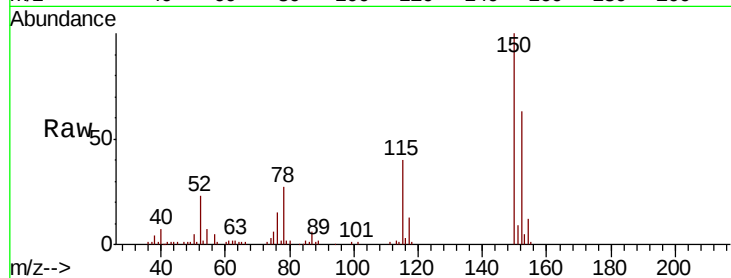


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :
44766

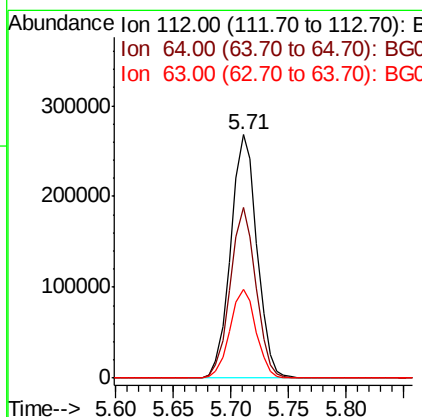
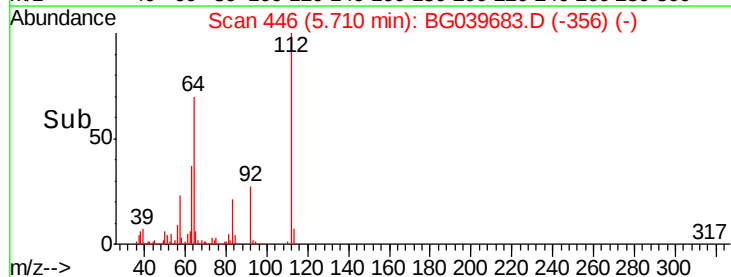
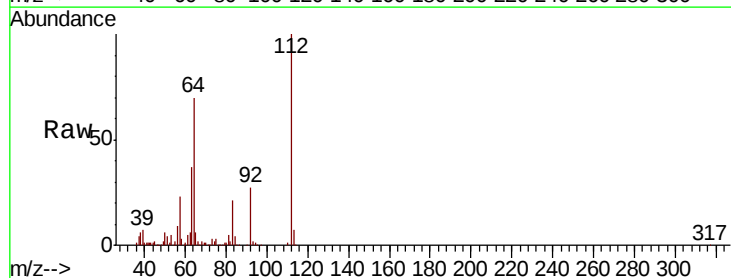
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.7	185.5
115	63.8	45.9	68.9



#5

2-Fluorophenol
Concen: 142.392 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.8	86.8
63	36.7	29.8	44.6





#7

Phenol-d6

Concen: 122.016 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG039683.D

Acq: 1 Mar 2019 6:52

Instrument :

BNA_G

ClientSampleId :

44766

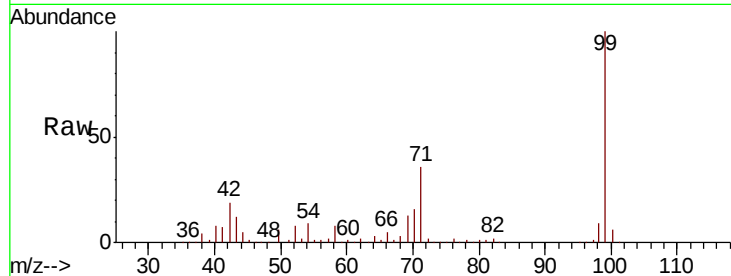
Tot Ion: 99 Resp: 531643

Ion Ratio Lower Upper

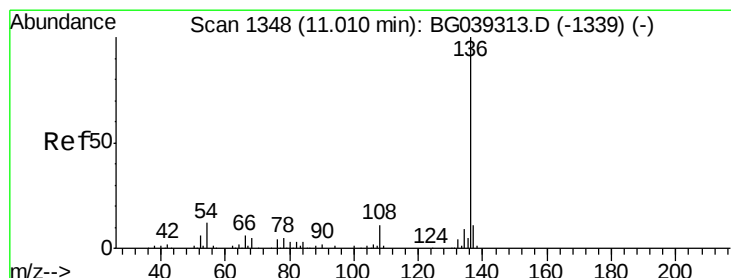
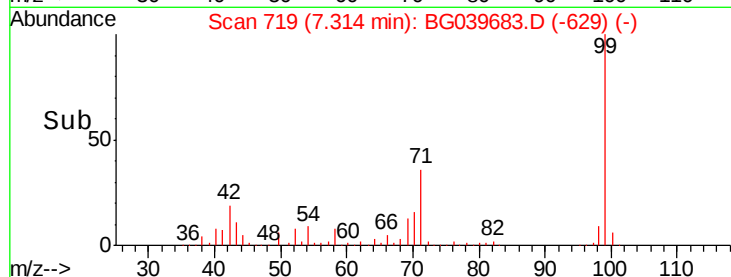
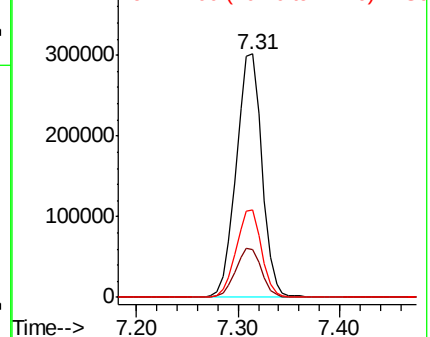
99 100

42 19.4 18.2 27.2

71 36.1 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: 10.99 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG039683.D

Acq: 1 Mar 2019 6:52

Tgt Ion: 136 Resp: 215311

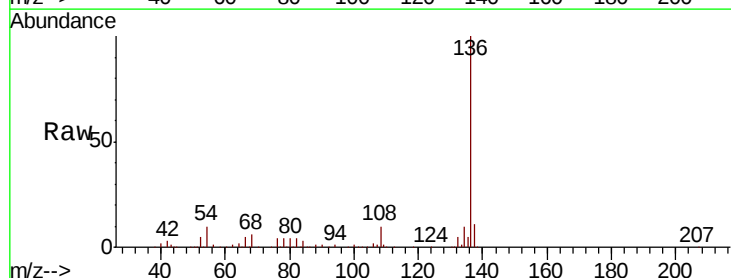
Ion Ratio Lower Upper

136 100

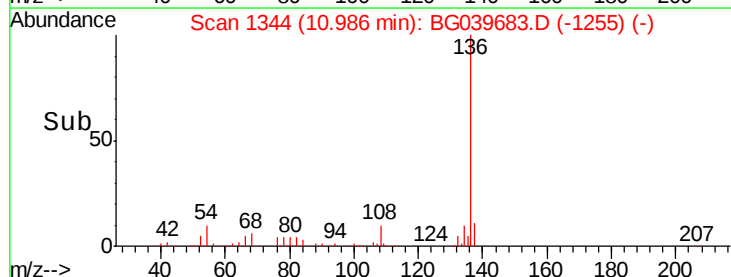
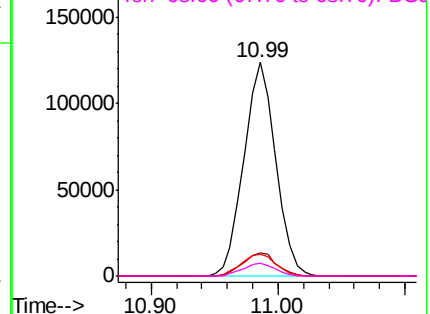
137 11.0 9.1 13.7

54 10.5 9.4 14.2

68 5.7 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

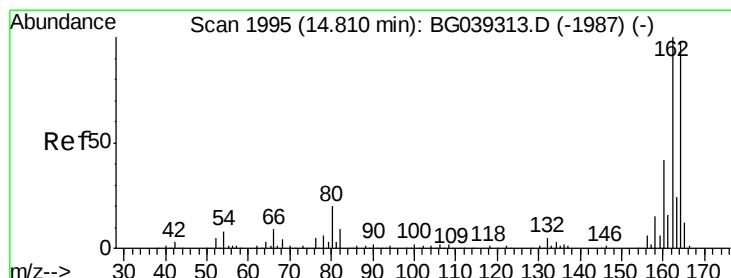
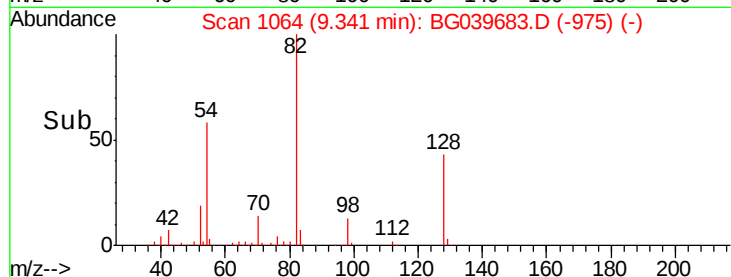
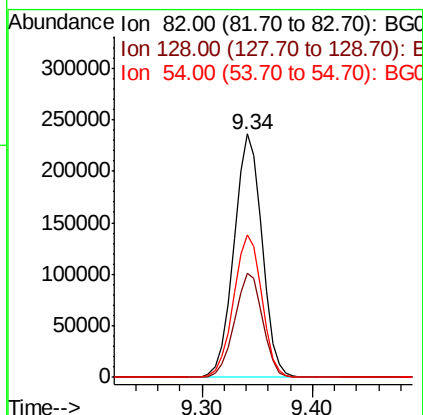
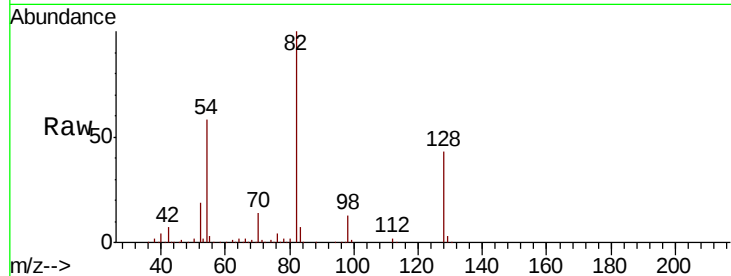




#23
Nitrobenzene-d5
Concen: 122.104 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

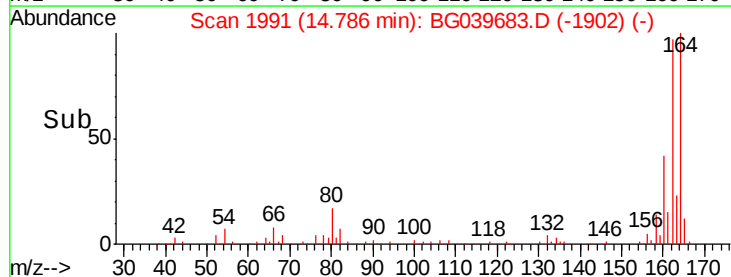
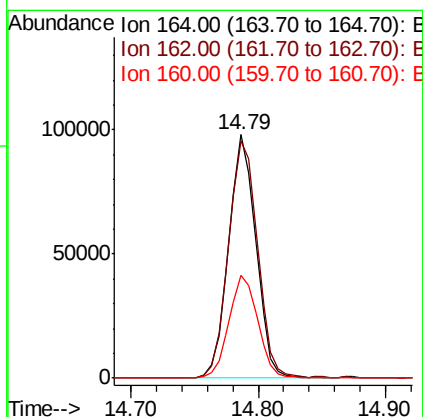
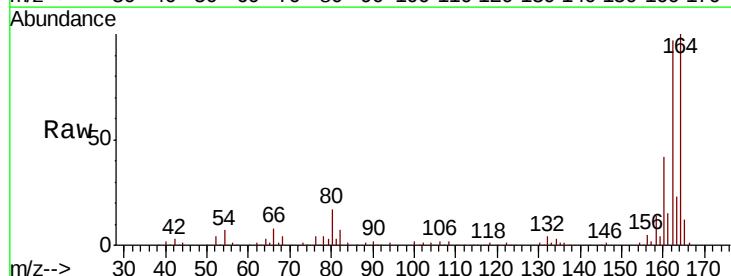
Instrument :
BNA_G
ClientSampleId :
44766

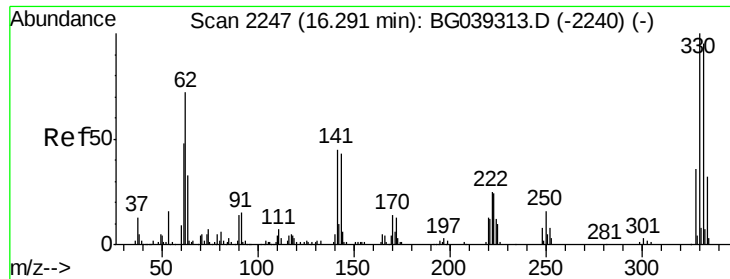
Tot Ion: 82 Resp: 420836
Ion Ratio Lower Upper
82 100
128 42.9 31.3 46.9
54 58.4 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Tgt Ion: 164 Resp: 146044
Ion Ratio Lower Upper
164 100
162 97.2 81.6 122.4
160 42.4 34.2 51.2

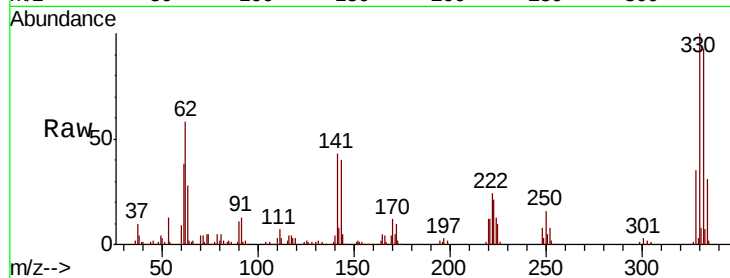




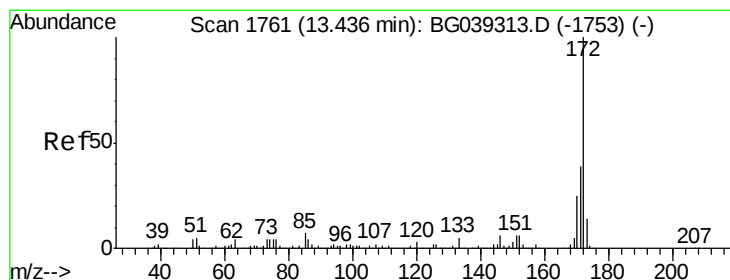
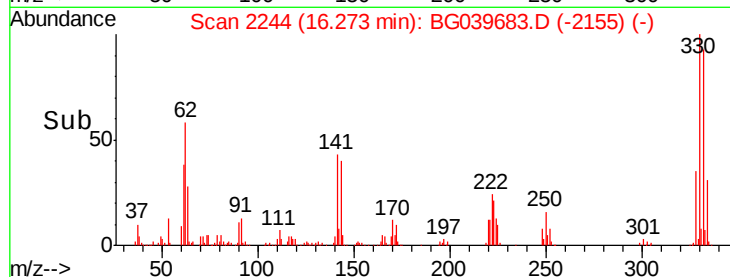
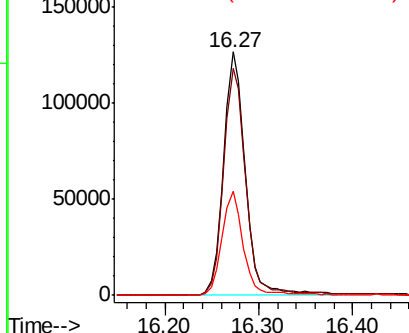
#42
 2,4,6-Tribromophenol
 Concen: 130.915 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG039683.D
 Acq: 1 Mar 2019 6:52

Instrument :
 BNA_G
 ClientSampleId :
 44766

Tot Ion:330 Resp: 205883
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.7 113.5
 141 41.5 35.6 53.4

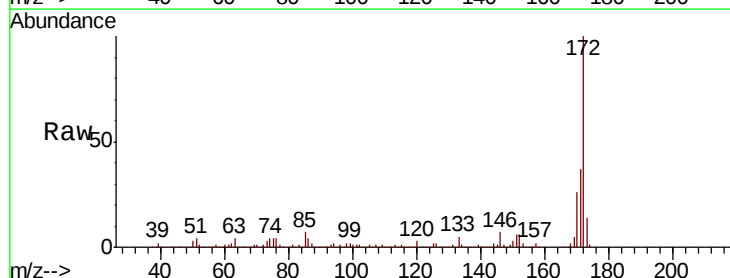


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

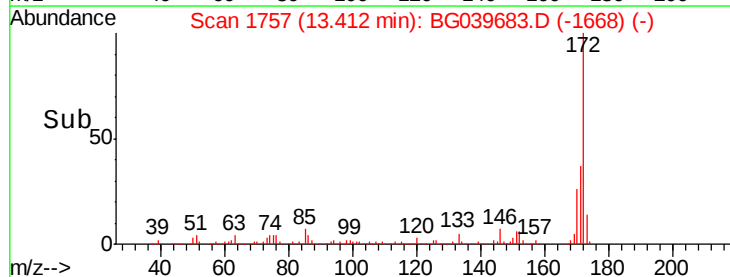
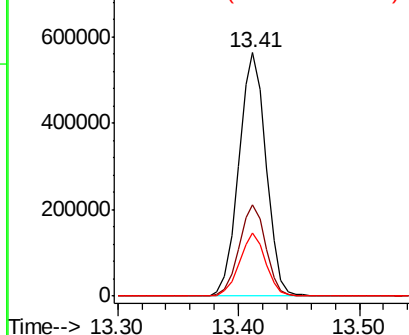


#45
 2-Fluorobiphenyl
 Concen: 86.983 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG039683.D
 Acq: 1 Mar 2019 6:52

Tgt Ion:172 Resp: 885532
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.8 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. -0.00 min

Lab File: BG039683.D

Acq: 1 Mar 2019 6:52

Instrument :

BNA_G

ClientSampleId :

44766

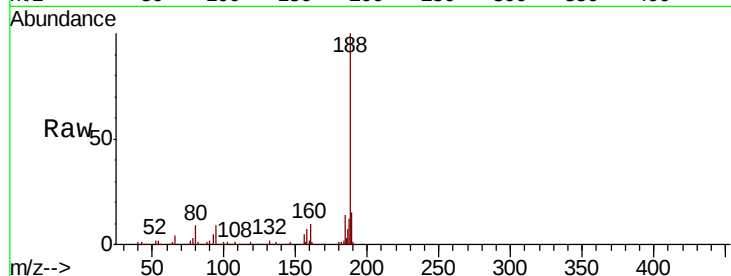
Tot Ion:188 Resp: 353109

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 8.7 8.1 12.1



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

300000

250000

200000

150000

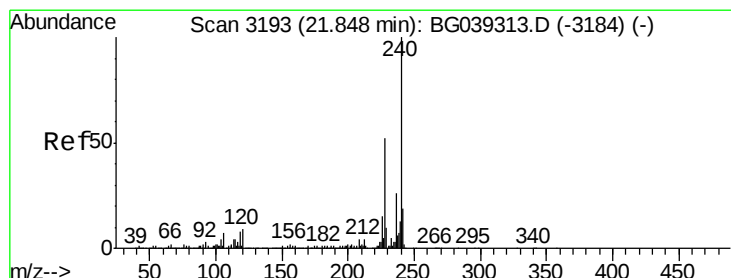
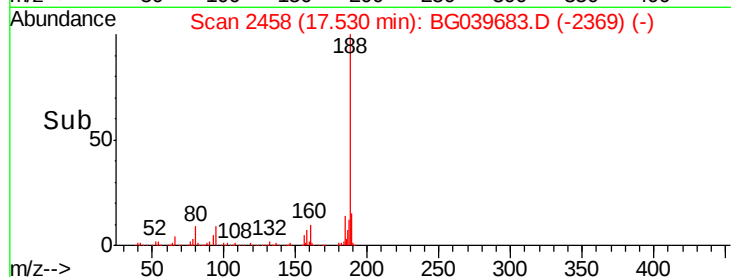
100000

50000

0

17.45 17.50 17.55 17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039683.D

Acq: 1 Mar 2019 6:52

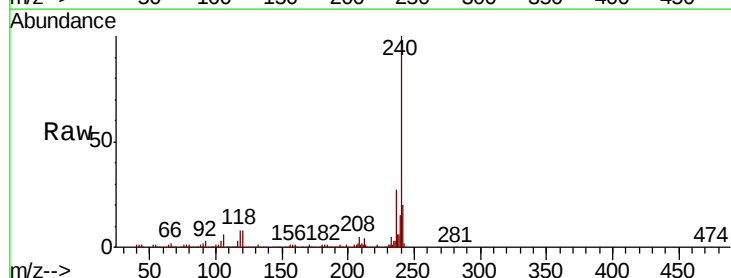
Tgt Ion:240 Resp: 372965

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

236 27.4 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

300000

250000

200000

150000

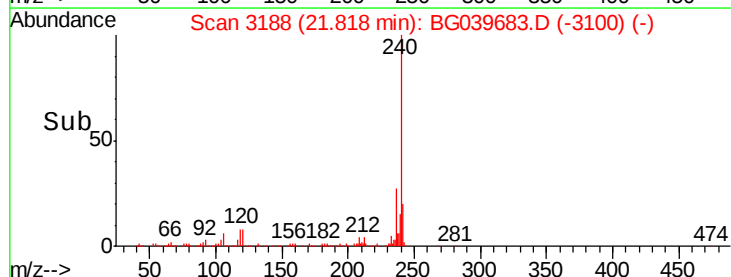
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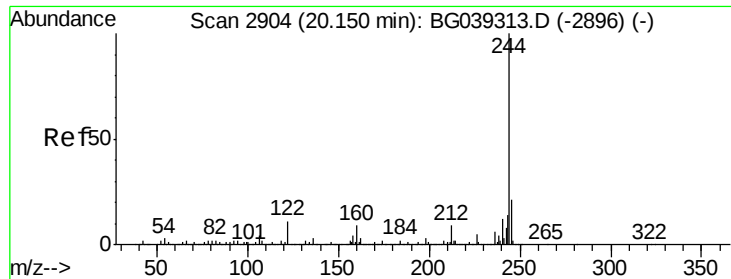
50000

0

21.70 21.80 21.90

Time-->





#79

Terphenyl-d14

Concen: 90.736 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039683.D

Acq: 1 Mar 2019 6:52

Instrument :

BNA_G

ClientSampleId :

44766

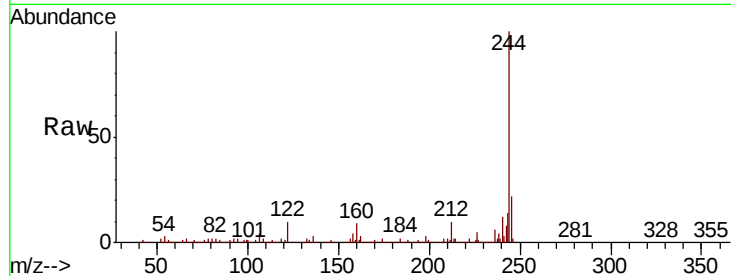
Tot Ion:244 Resp: 1598786

Ion Ratio Lower Upper

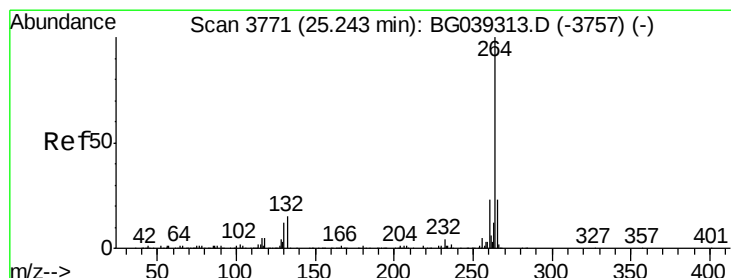
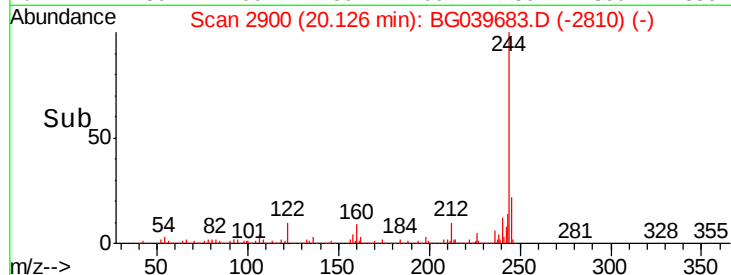
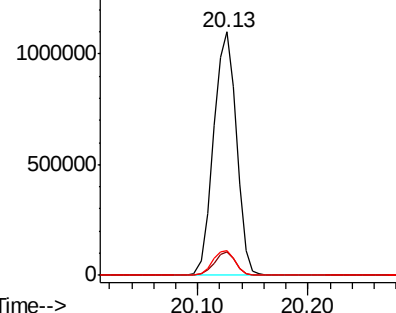
244 100

212 9.6 7.3 10.9

122 10.2 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
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: 25.20 min Scan# 3763

Delta R.T. -0.00 min

Lab File: BG039683.D

Acq: 1 Mar 2019 6:52

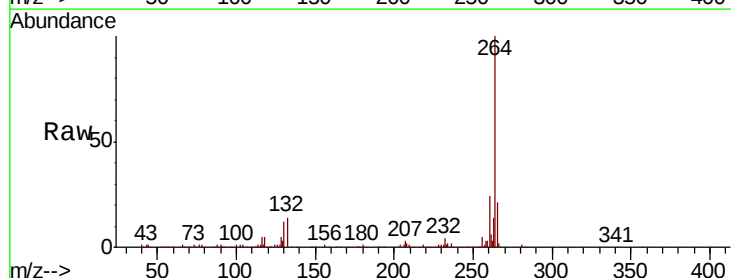
Tgt Ion:264 Resp: 362354

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 20.7 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E
100000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

