

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
 Data File : BG039574.D
 Acq On : 21 Feb 2019 16:51
 Operator : JU/SJ
 Sample : K1349-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-021919-B

Quant Time: Feb 22 00:29:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	49816	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	217887	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	153102	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	376478	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	369188	20.00	ng	-0.03
87) Perylene-d12	25.21	264	296928	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	430764	148.00	ng	0.00
7) Phenol-d6	7.32	99	596093	139.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	406177	116.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	244116	148.07	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	971054	90.99	ng	-0.02
79) Terphenyl-d14	20.13	244	1537478	88.15	ng	-0.02

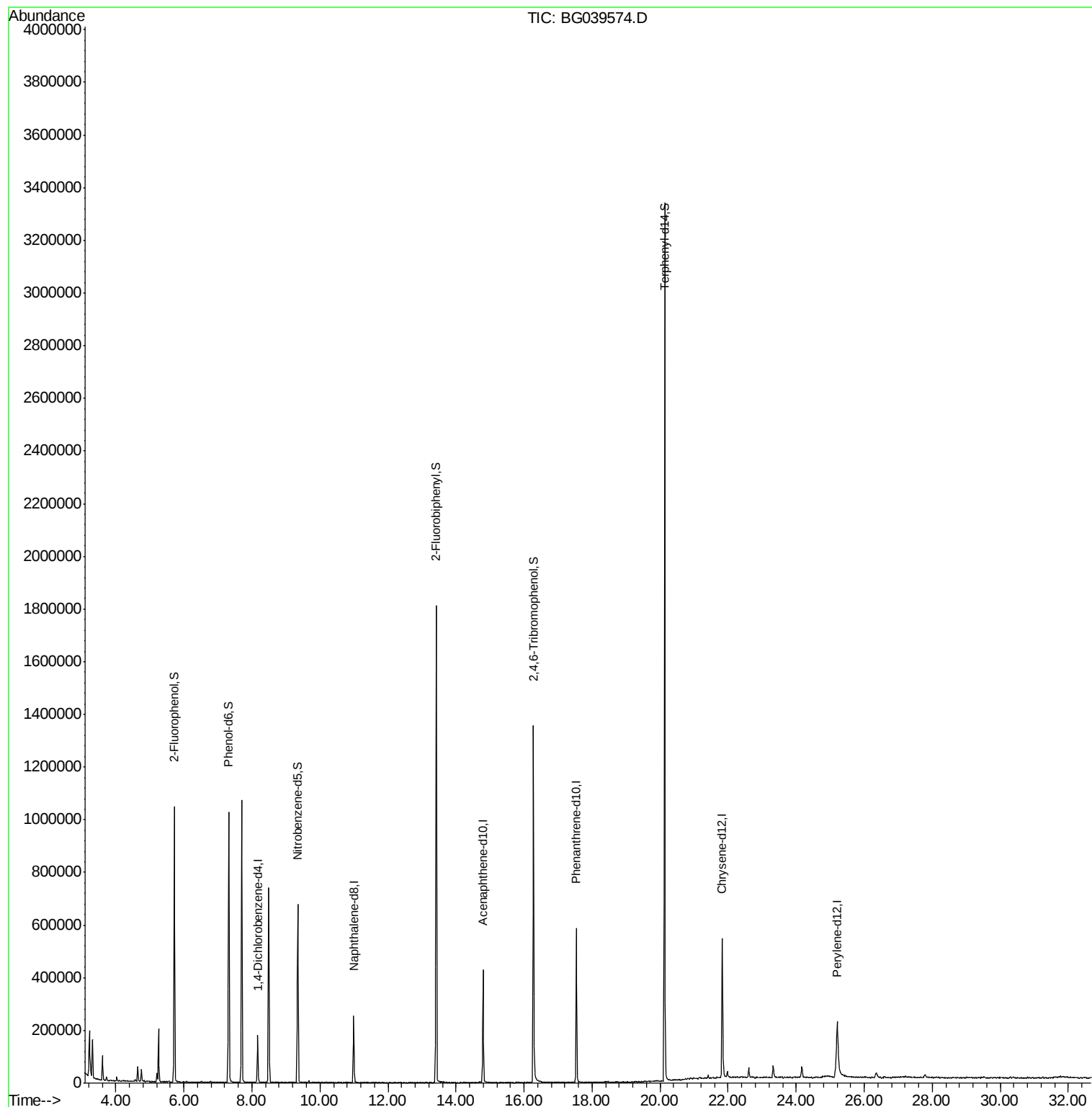
Target Compounds Qvalue

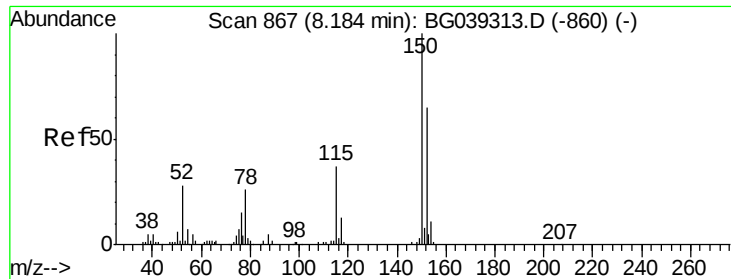
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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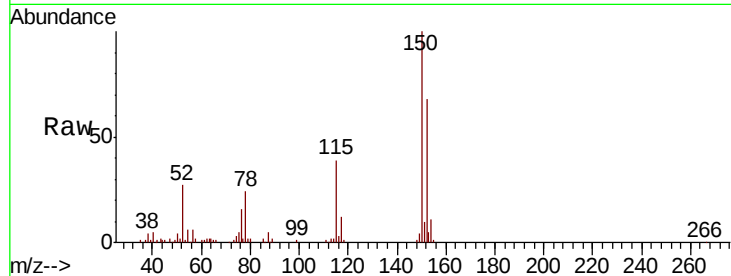


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.6	123.7	185.5
115	57.6	45.9	68.9

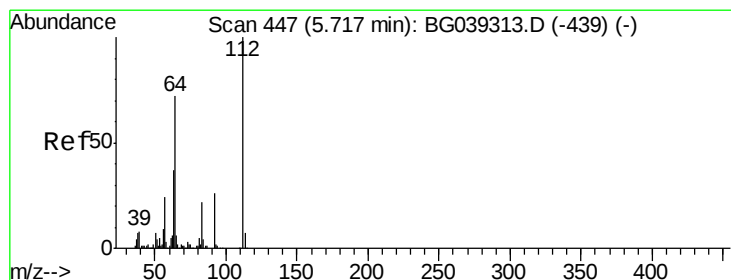
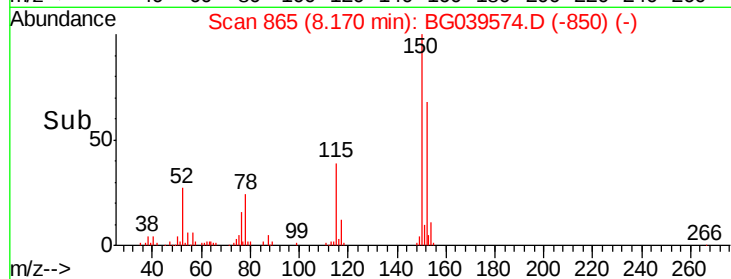
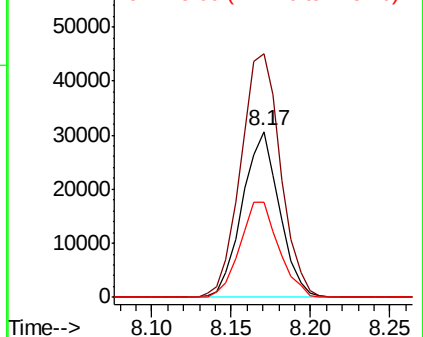


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

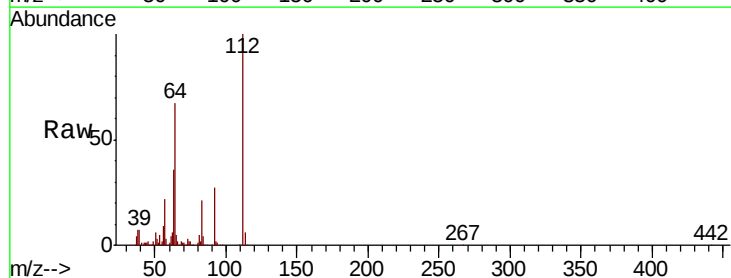
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.996 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	57.8	86.8
63	36.1	29.8	44.6

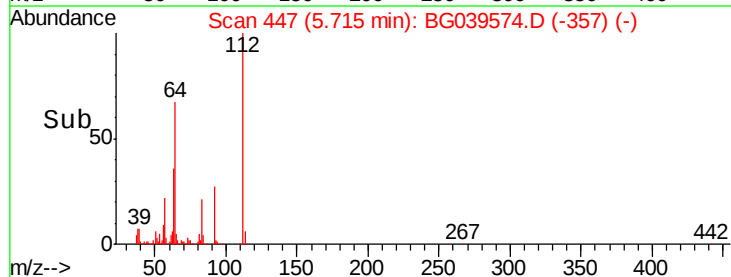
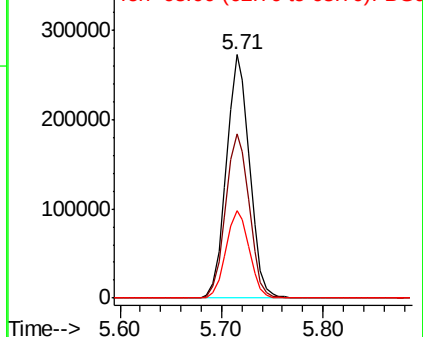


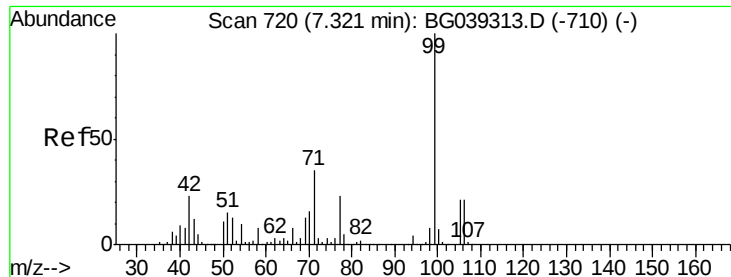
Abundance

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: 139.131 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039574.D

Acq: 21 Feb 2019 16:51

Instrument :

BNA_G

ClientSampleId :

OR-02-021919-B

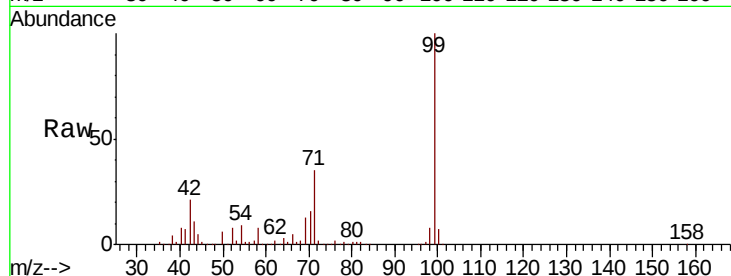
Tot Ion: 99 Resp: 596093

Ion Ratio Lower Upper

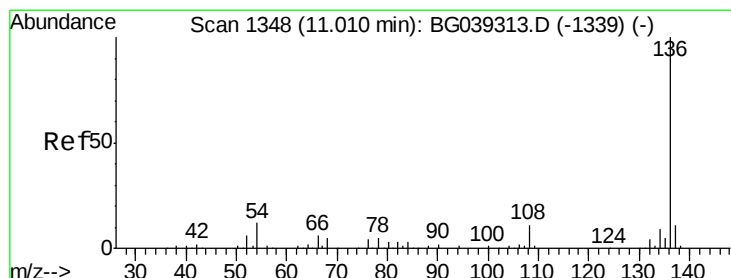
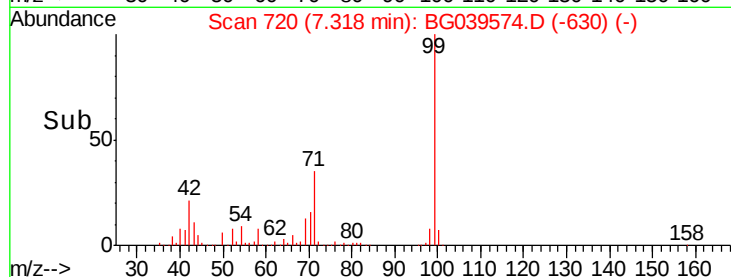
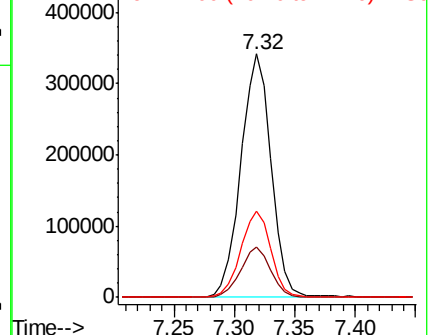
99 100

42 20.8 18.2 27.2

71 35.4 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# 1345

Delta R.T. -0.02 min

Lab File: BG039574.D

Acq: 21 Feb 2019 16:51

Tgt Ion: 136 Resp: 217887

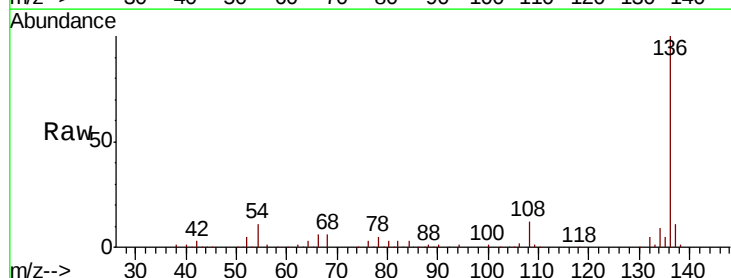
Ion Ratio Lower Upper

136 100

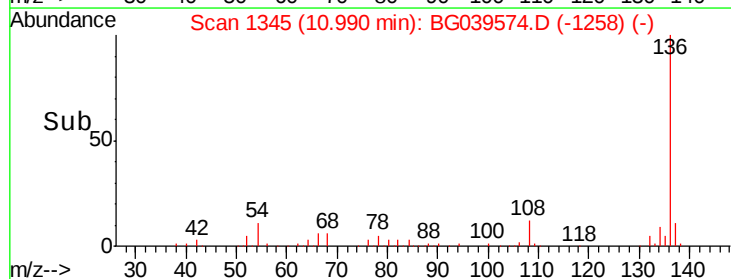
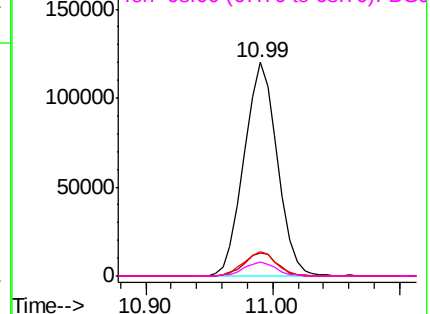
137 11.0 9.1 13.7

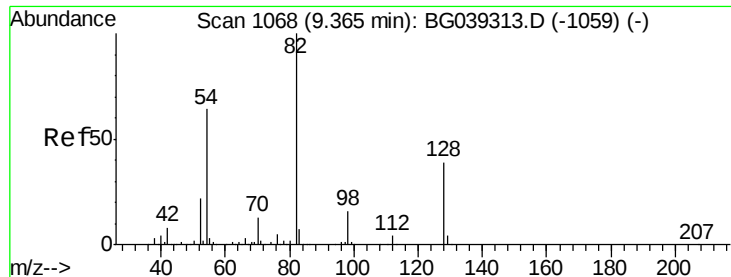
54 11.2 9.4 14.2

68 6.5 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

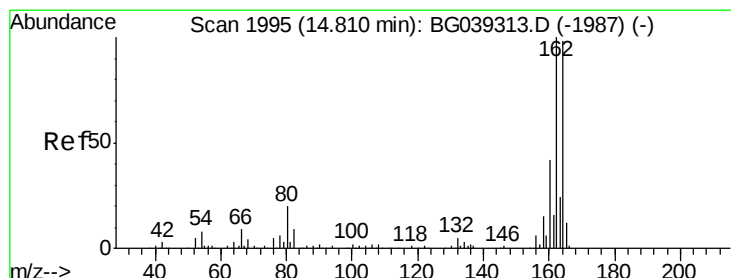
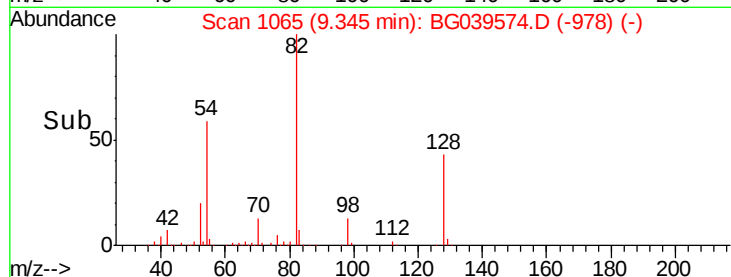
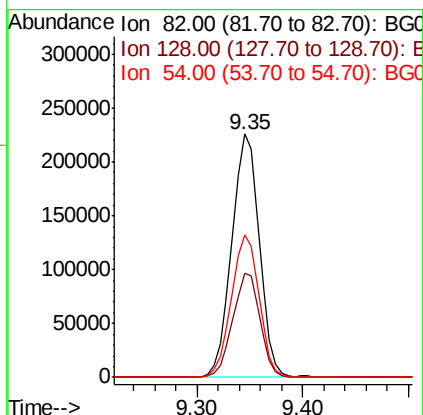
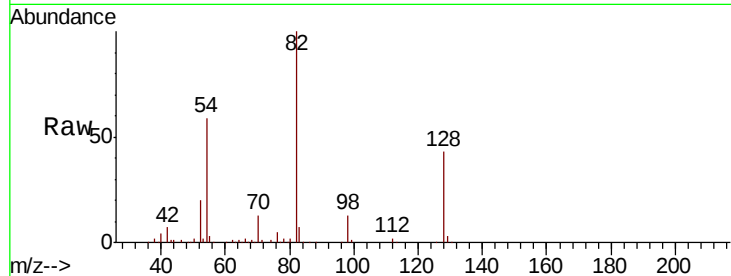




#23
Nitrobenzene-d5
Concen: 116.457 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

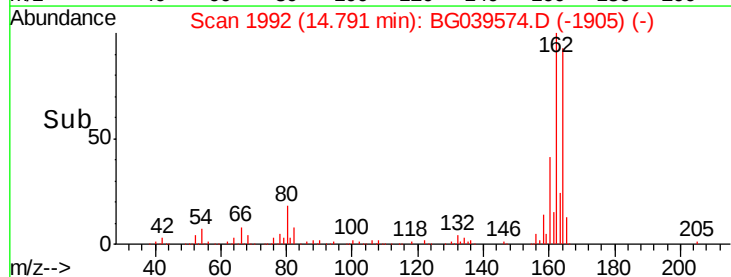
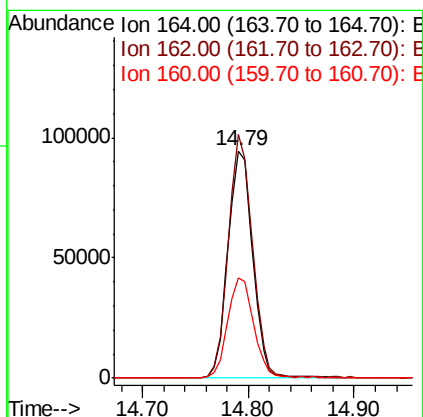
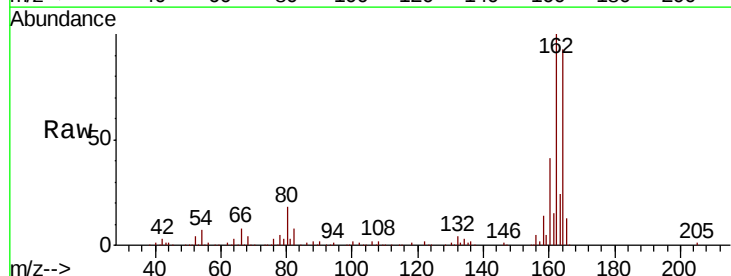
Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

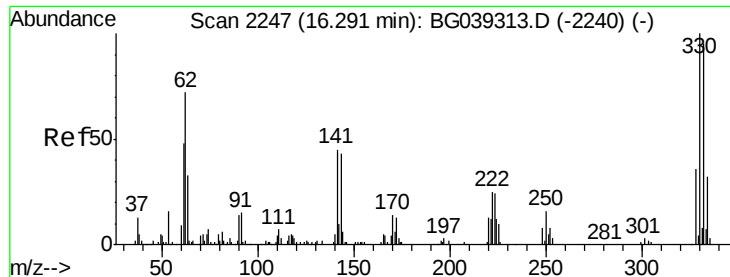
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	58.7	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	81.6	122.4
160	43.8	34.2	51.2

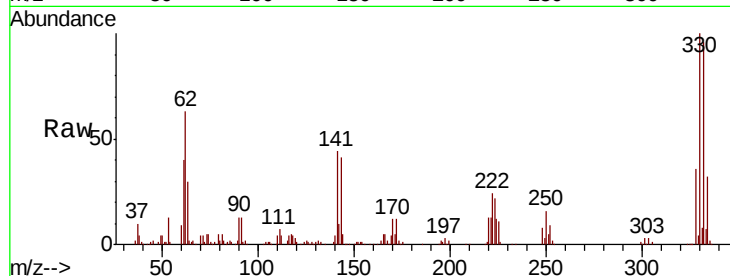




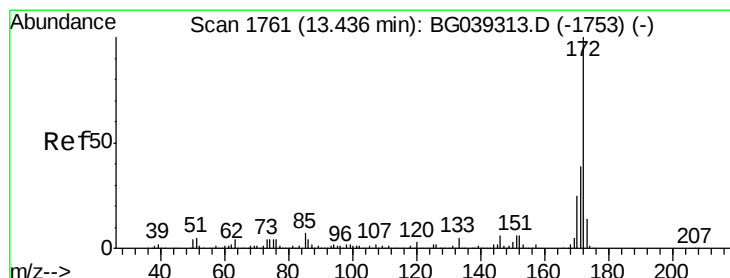
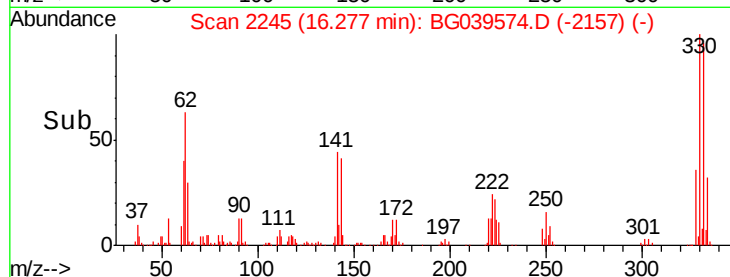
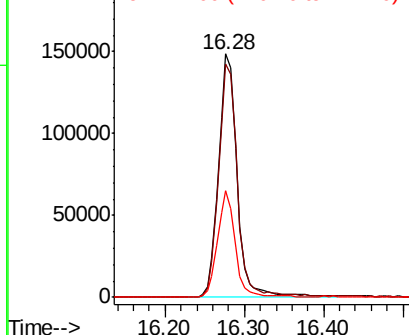
#42
 2,4,6-Tribromophenol
 Concen: 148.071 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039574.D
 Acq: 21 Feb 2019 16:51

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-021919-B

Tot Ion:330 Resp: 244116
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.7 113.5
 141 41.2 35.6 53.4

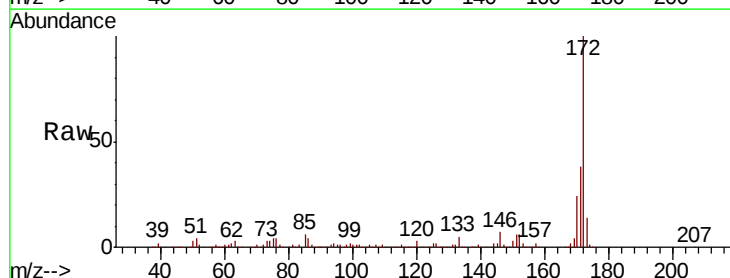


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

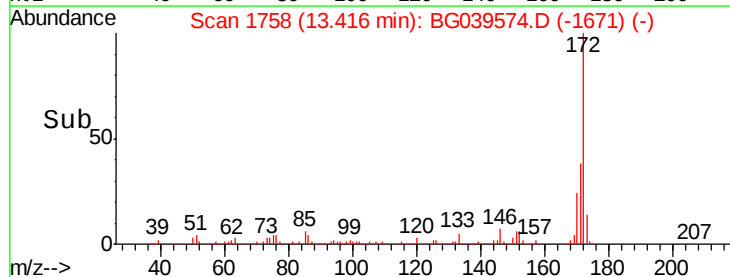
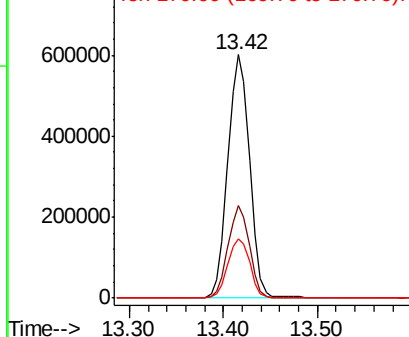


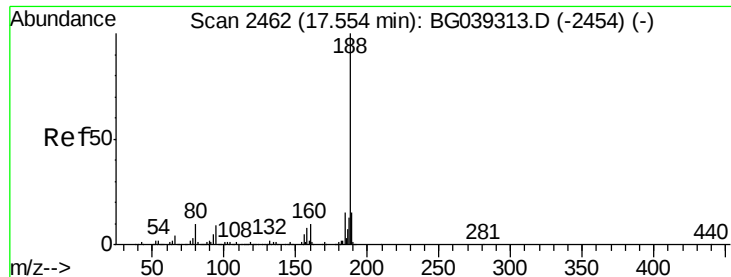
#45
 2-Fluorobiphenyl
 Concen: 90.987 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039574.D
 Acq: 21 Feb 2019 16:51

Tgt Ion:172 Resp: 971054
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 24.4 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# 2459

Delta R.T. -0.02 min

Lab File: BG039574.D

Acq: 21 Feb 2019 16:51

Instrument :

BNA_G

ClientSampleId :

OR-02-021919-B

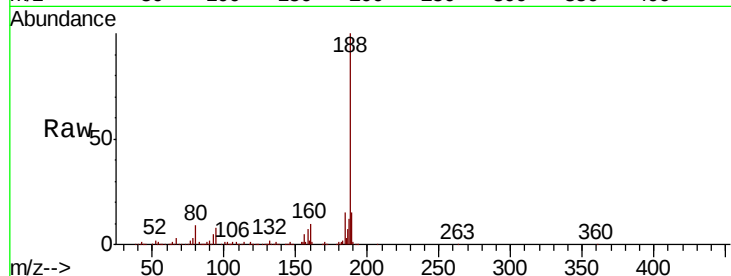
Tot Ion:188 Resp: 376478

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

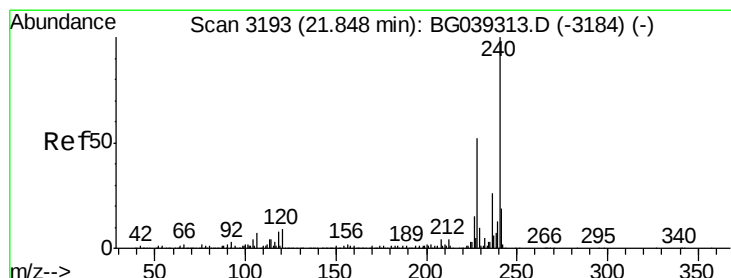
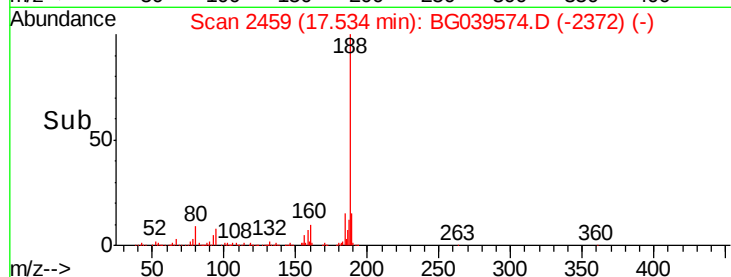
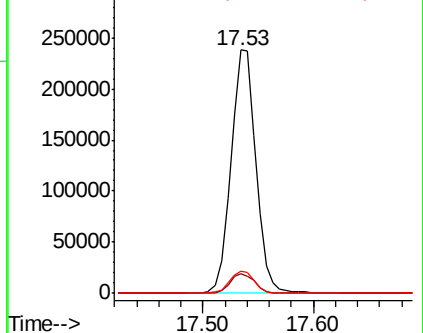
80 9.2 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039574.D

Acq: 21 Feb 2019 16:51

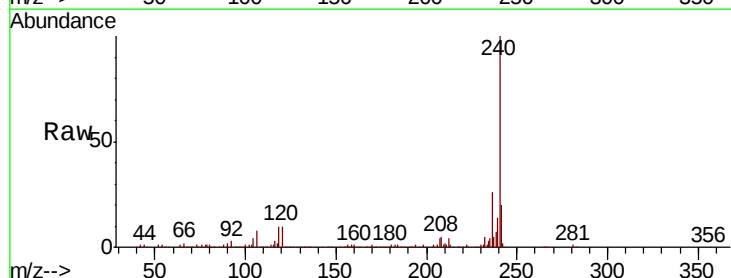
Tgt Ion:240 Resp: 369188

Ion Ratio Lower Upper

240 100

120 9.8 7.0 10.6

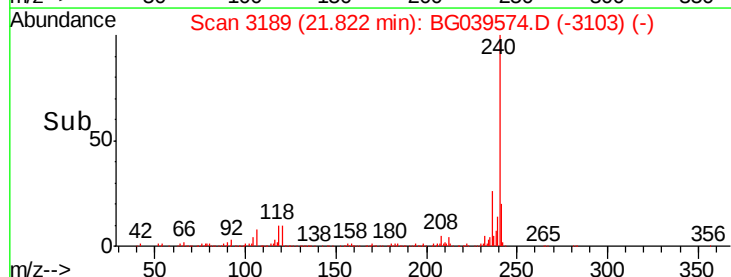
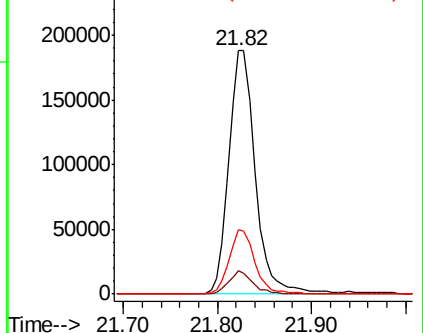
236 26.4 21.0 31.4

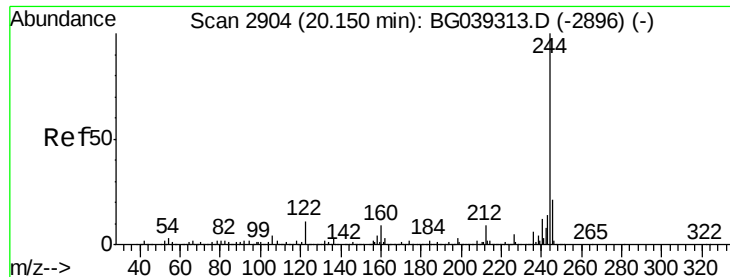


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.149 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039574.D

Acq: 21 Feb 2019 16:51

Instrument :

BNA_G

ClientSampleId :

OR-02-021919-B

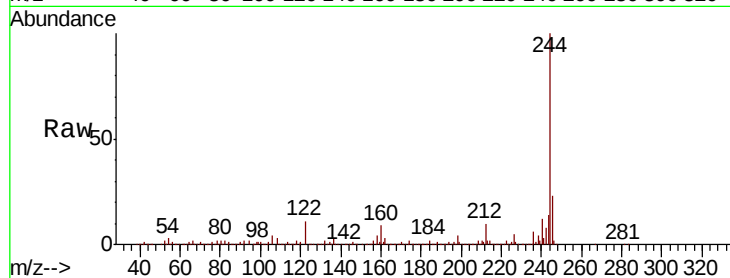
Tot Ion:244 Resp: 1537478

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

122 10.6 8.4 12.6

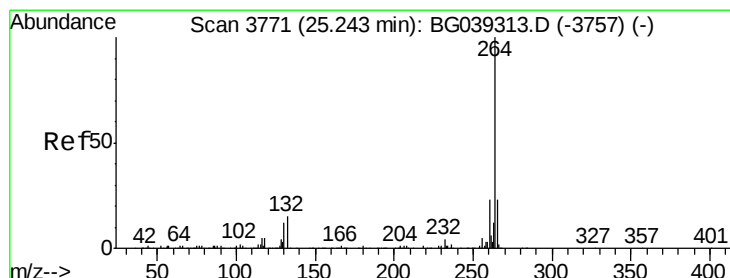
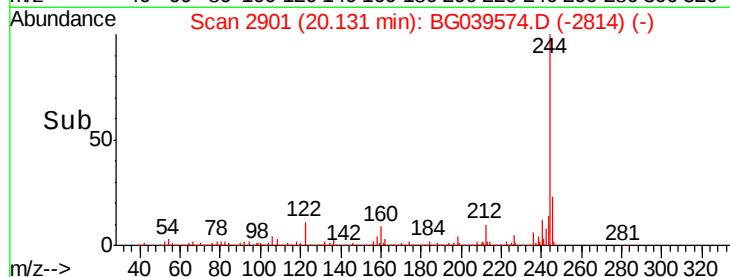
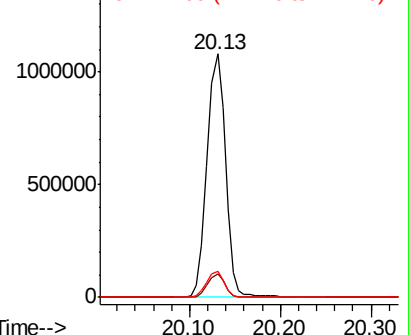


Abundance

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: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039574.D

Acq: 21 Feb 2019 16:51

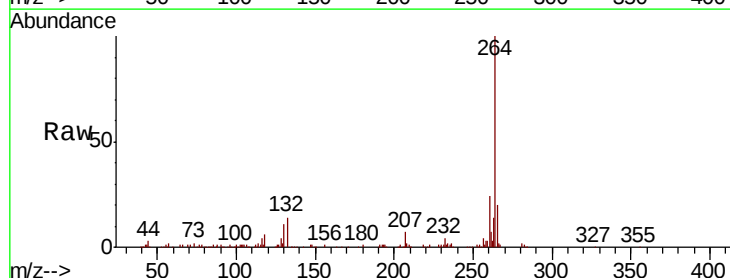
Tgt Ion:264 Resp: 296928

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 19.6 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

