

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039713.D
 Acq On : 2 Mar 2019 8:06
 Operator : JU/SJ
 Sample : K1665-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 200031

Quant Time: Mar 03 23:57:47 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	8.16	152	50717	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	208737	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	136609	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	336750	20.00	ng	0.00
76) Chrysene-d12	21.82	240	346977	20.00	ng	0.00
87) Perylene-d12	25.19	264	324374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	389104	131.31	ng	0.00
7) Phenol-d6	7.31	99	506265	116.07	ng	0.00
23) Nitrobenzene-d5	9.34	82	367203	109.90	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	211909	144.05	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	871692	91.54	ng	0.00
79) Terphenyl-d14	20.12	244	1430074	87.24	ng	0.00

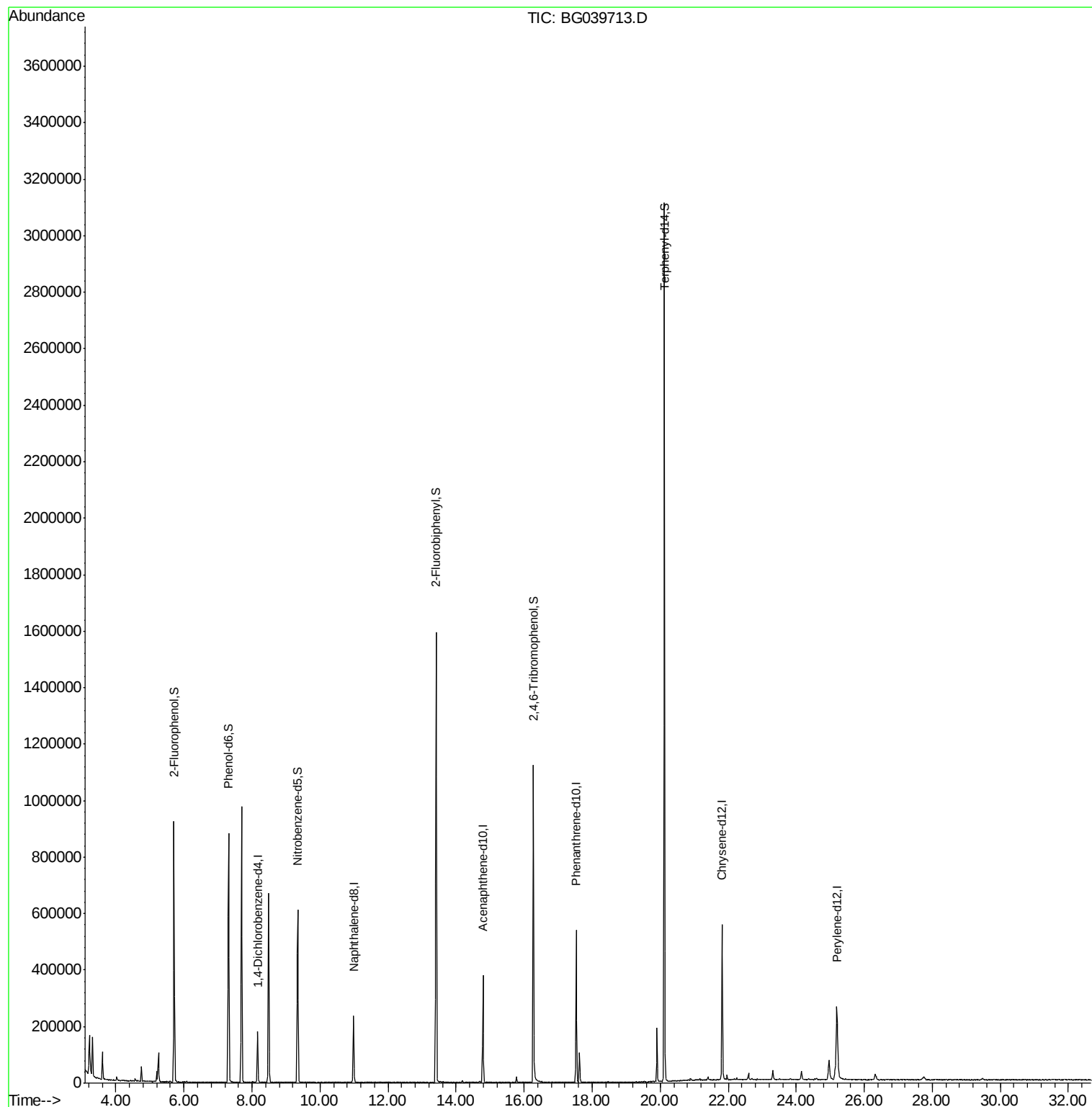
Target Compounds Qvalue

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

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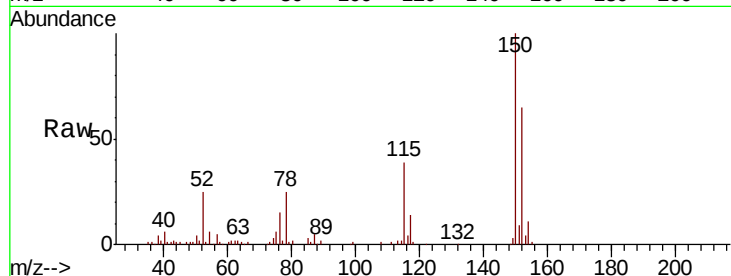


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Instrument :
BNA_G
ClientSampleId :
200031

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.7	185.5
115	59.9	45.9	68.9

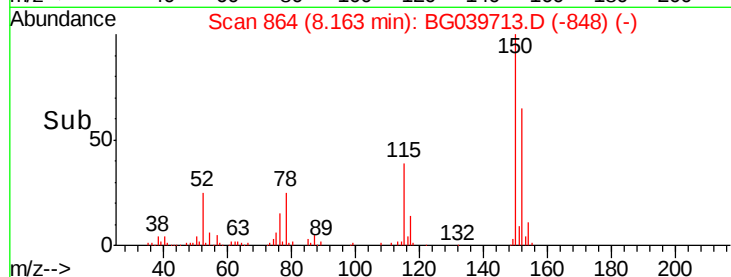
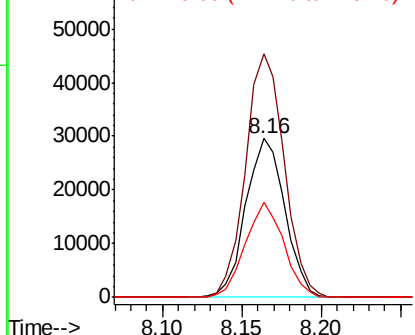


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

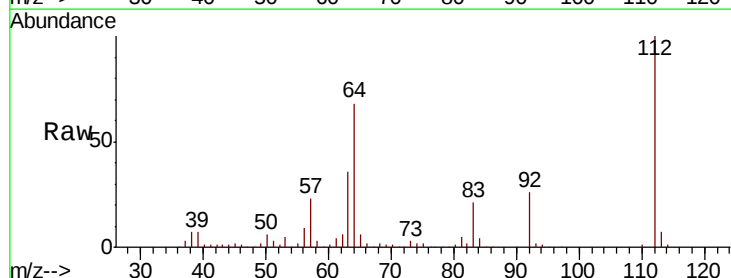
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.308 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.8	86.8
63	36.0	29.8	44.6

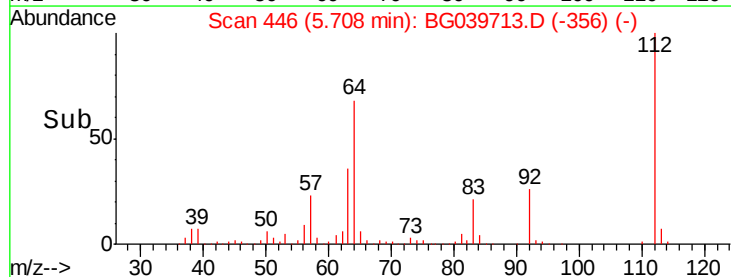
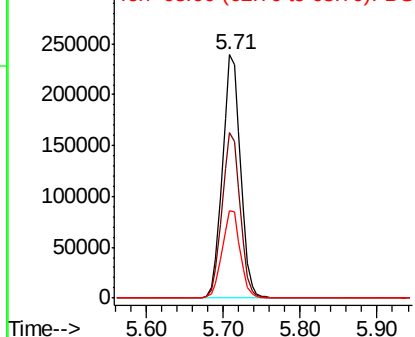


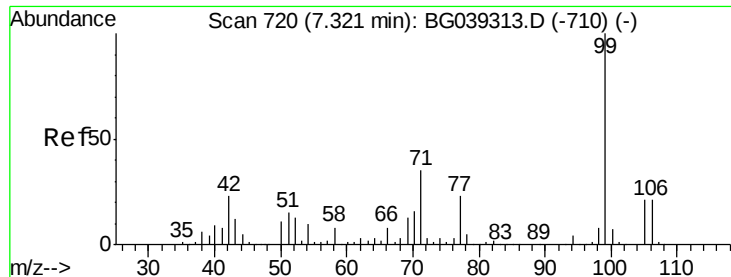
Abundance

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: 116.066 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039713.D

Acq: 2 Mar 2019 8:06

Instrument :

BNA_G

ClientSampleId :

200031

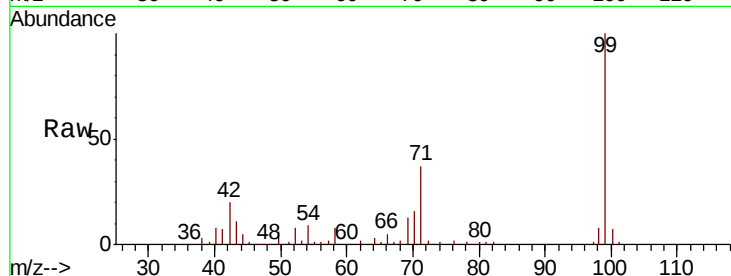
Tot Ion: 99 Resp: 506265

Ion Ratio Lower Upper

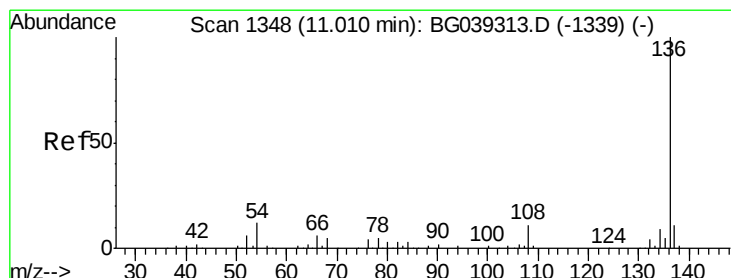
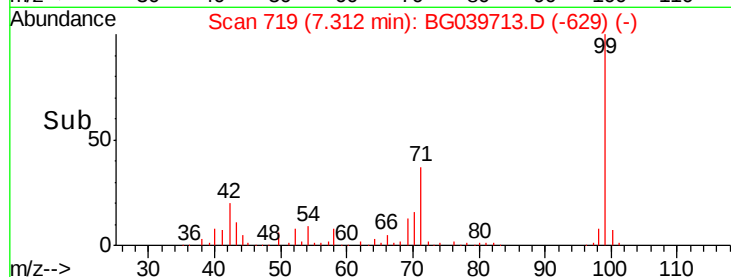
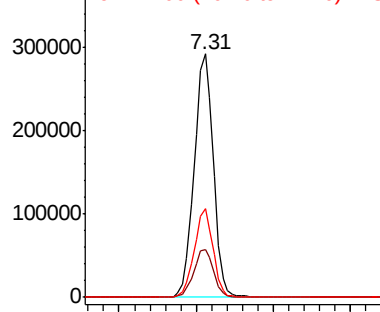
99 100

42 19.7 18.2 27.2

71 36.6 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. -0.00 min

Lab File: BG039713.D

Acq: 2 Mar 2019 8:06

Tgt Ion: 136 Resp: 208737

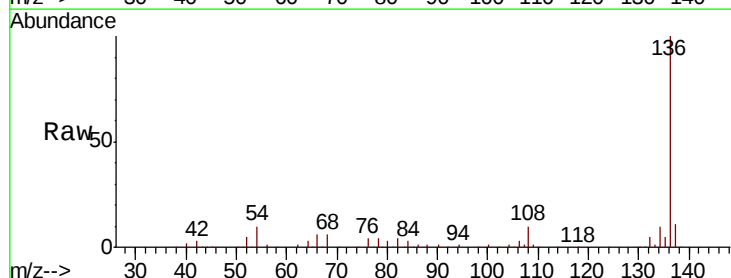
Ion Ratio Lower Upper

136 100

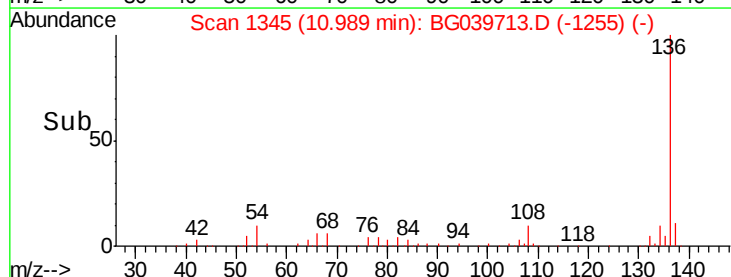
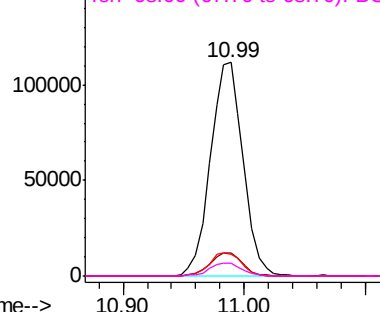
137 10.7 9.1 13.7

54 10.3 9.4 14.2

68 5.8 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

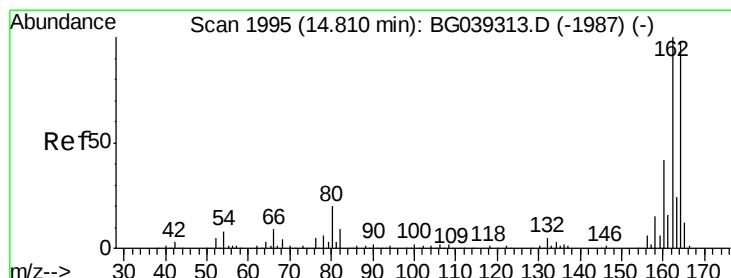
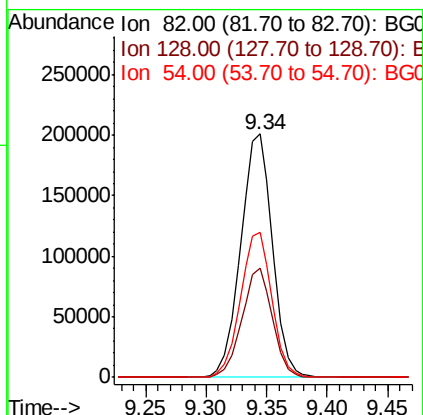
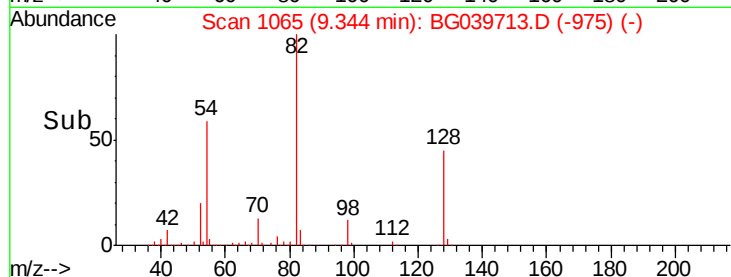
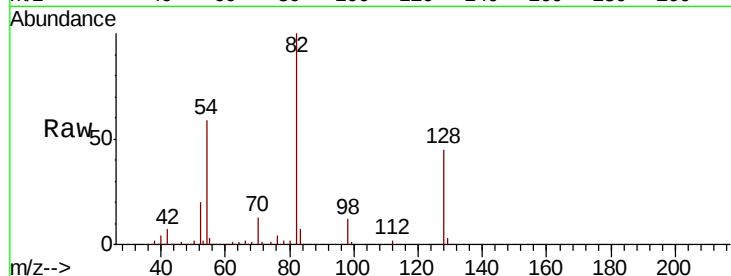




#23
Nitrobenzene-d5
Concen: 109.898 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

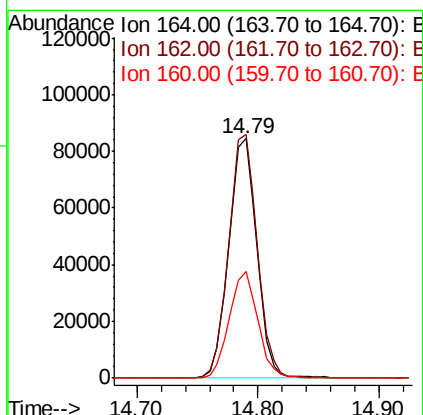
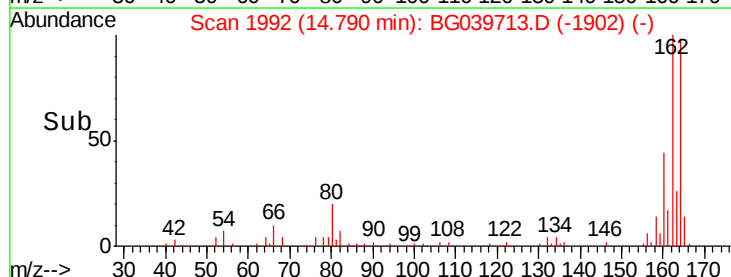
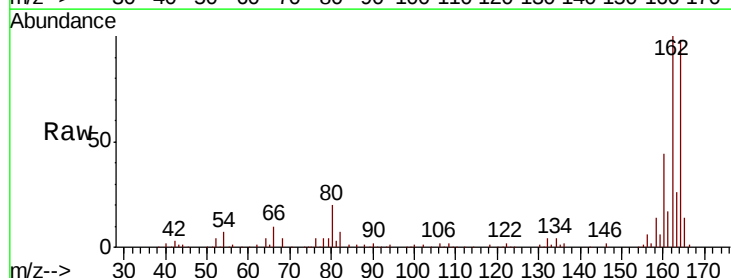
Instrument :
BNA_G
ClientSampleId :
200031

Tot Ion	82	Resp	367203
Ion Ratio	Lower	Upper	
82	100		
128	45.0	31.3	46.9
54	59.5	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Tgt Ion	164	Resp	136609
Ion Ratio	Lower	Upper	
164	100		
162	101.7	81.6	122.4
160	44.4	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 144.053 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039713.D

Acq: 2 Mar 2019 8:06

Instrument :

BNA_G

ClientSampleId :

200031

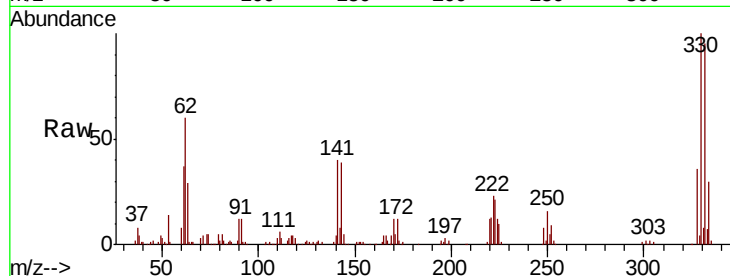
Tot Ion:330 Resp: 211909

Ion Ratio Lower Upper

330 100

332 94.4 75.7 113.5

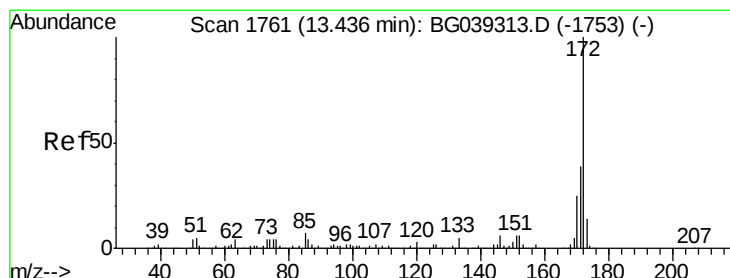
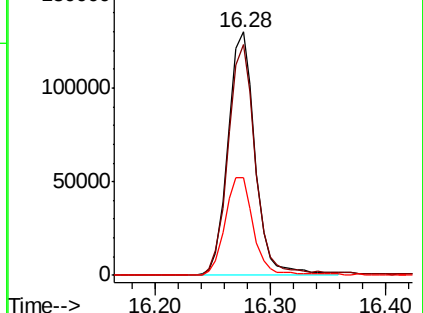
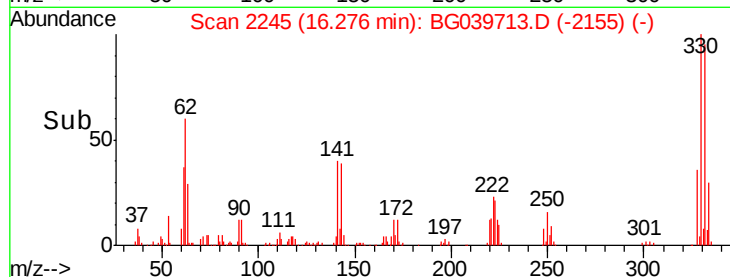
141 41.7 35.6 53.4



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: 91.538 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG039713.D

Acq: 2 Mar 2019 8:06

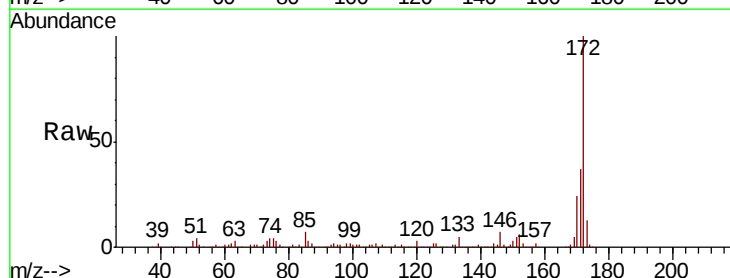
Tgt Ion:172 Resp: 871692

Ion Ratio Lower Upper

172 100

171 36.7 30.8 46.2

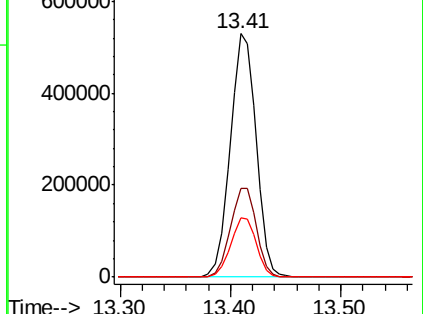
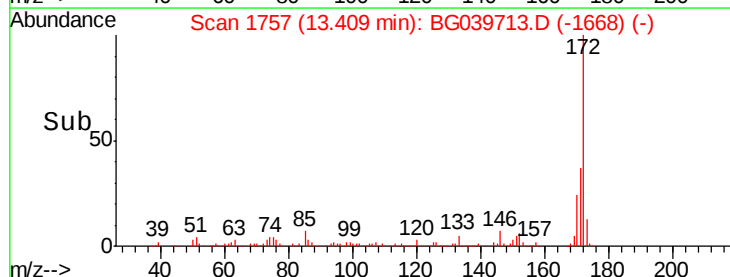
170 24.5 20.2 30.4

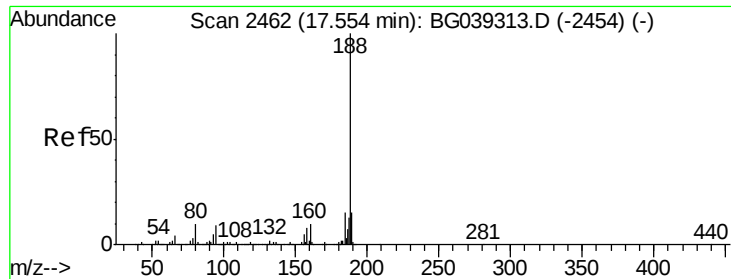


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.00 min

Lab File: BG039713.D

Acq: 2 Mar 2019 8:06

Instrument :

BNA_G

ClientSampleId :

200031

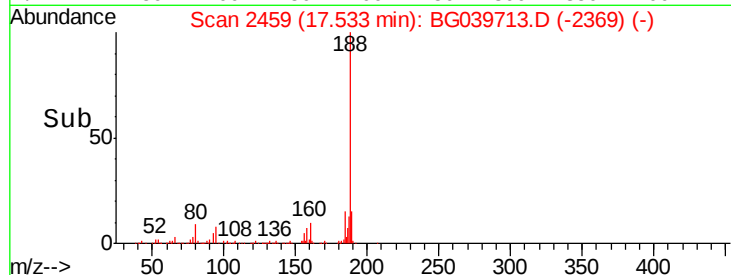
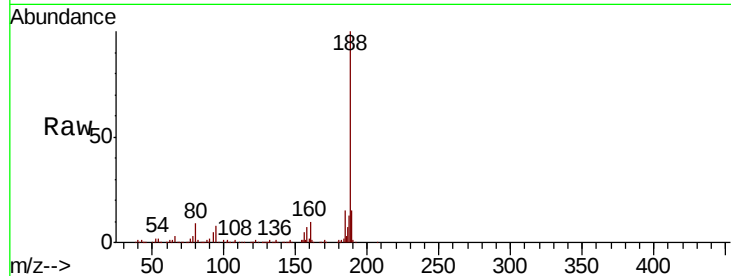
Tot Ion:188 Resp: 336750

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

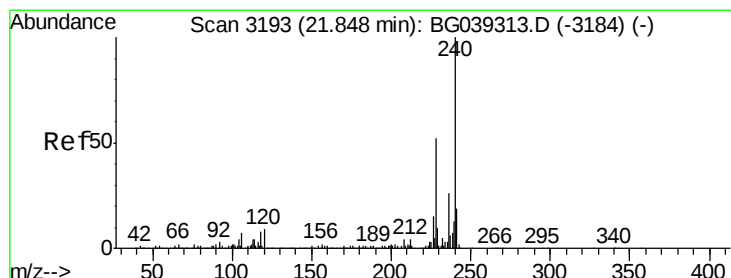
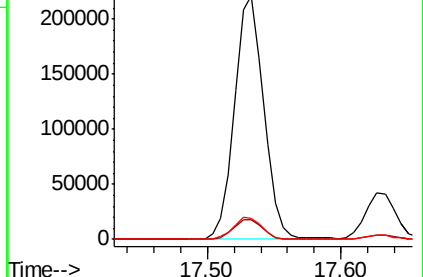
80 8.5 8.1 12.1



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. -0.01 min

Lab File: BG039713.D

Acq: 2 Mar 2019 8:06

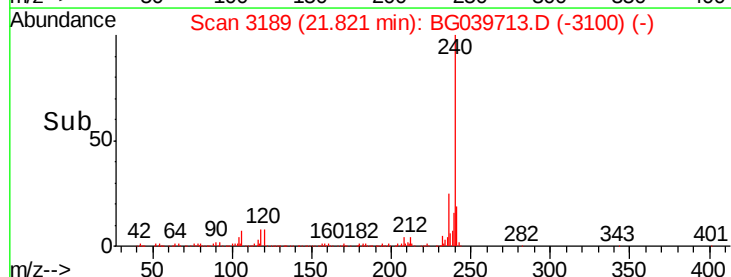
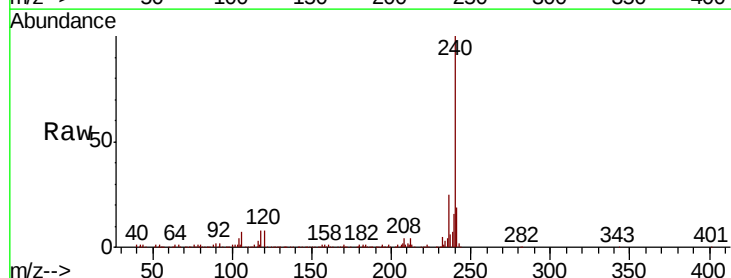
Tgt Ion:240 Resp: 346977

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

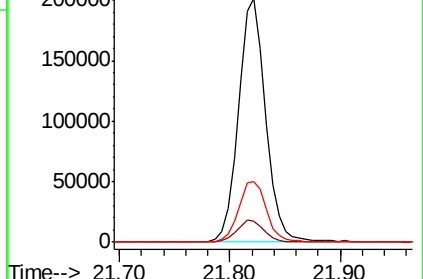
236 25.1 21.0 31.4



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: 87.240 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039713.D

Acq: 2 Mar 2019 8:06

Instrument :

BNA_G

ClientSampled :

200031

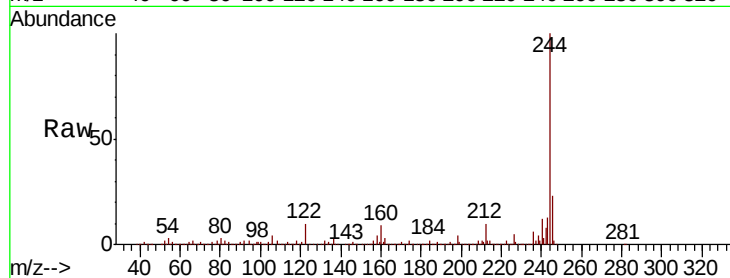
Tot Ion:244 Resp: 1430074

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

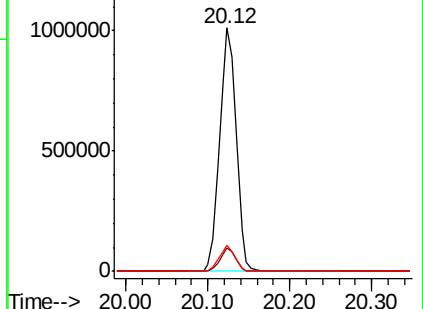
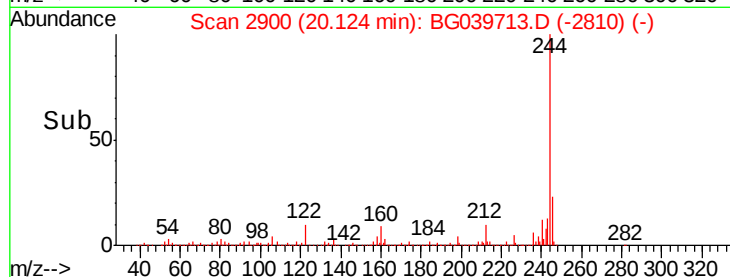
122 10.5 8.4 12.6



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# 3763

Delta R.T. -0.01 min

Lab File: BG039713.D

Acq: 2 Mar 2019 8:06

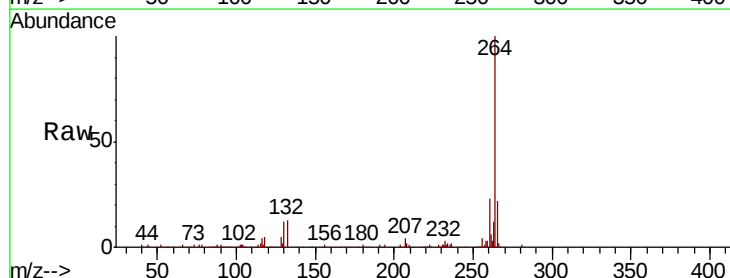
Tgt Ion:264 Resp: 324374

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 22.0 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

