

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039969.D
 Acq On : 16 Mar 2019 9:48
 Operator : JU/SJ
 Sample : K1685-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-031419-A

Quant Time: Mar 18 01:32:16 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	8.15	152	46692	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	199639	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	135281	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	331474	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	331930	20.00	ng	-0.02
87) Perylene-d12	25.16	264	331903	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	314325	114.85	ng	-0.02
7) Phenol-d6	7.29	99	395774	96.98	ng	-0.02
23) Nitrobenzene-d5	9.33	82	362619	98.24	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	221687	140.59	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	821937	86.51	ng	-0.02
79) Terphenyl-d14	20.11	244	1366929	90.67	ng	-0.01

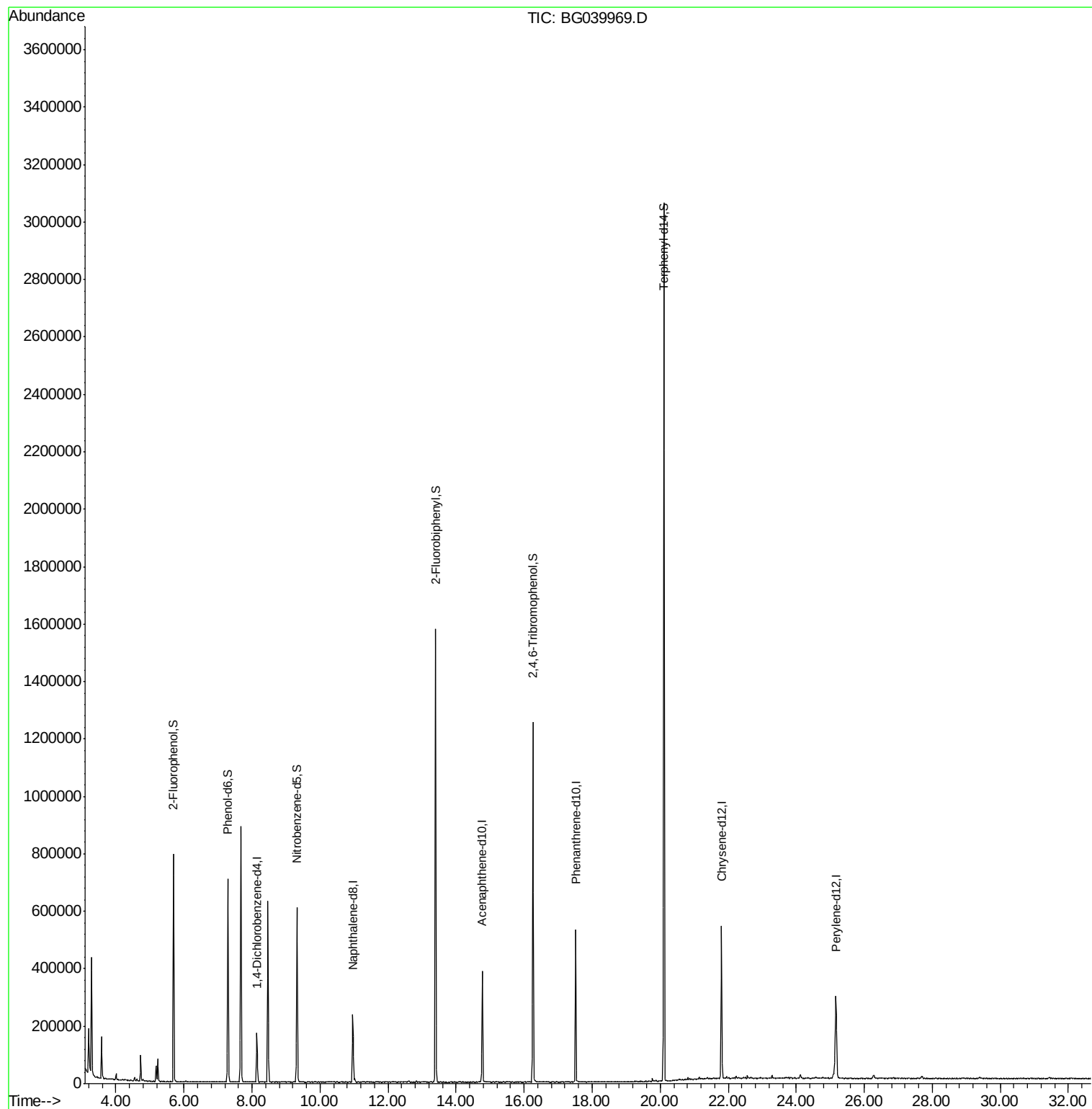
Target Compounds Qvalue

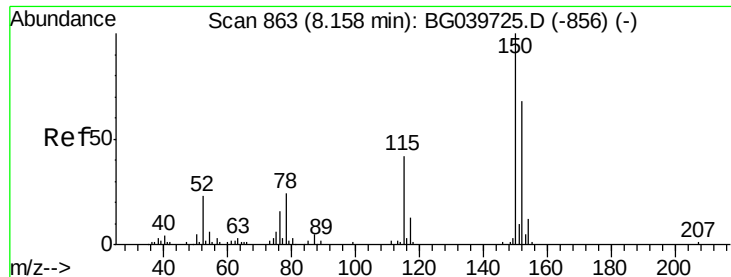
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039969.D
Acq On : 16 Mar 2019 9:48
Operator : JU/SJ
Sample : K1685-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

Quant Time: Mar 18 01:32:16 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



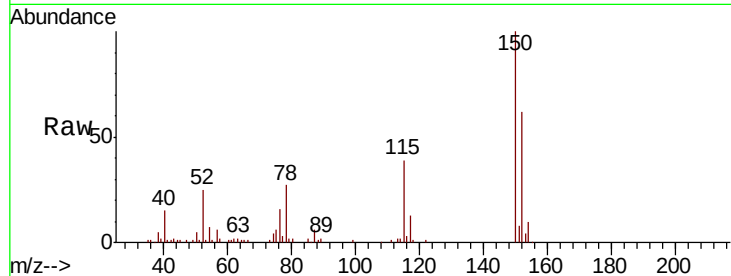


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.7	185.5
115	62.7	45.9	68.9

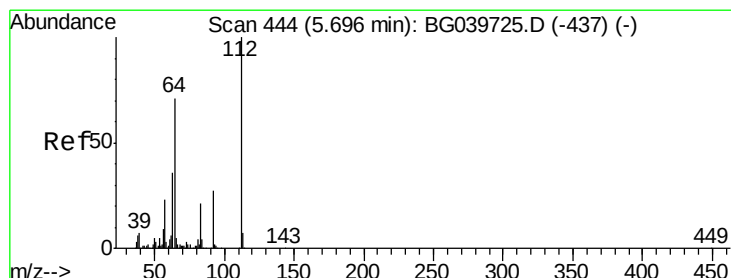
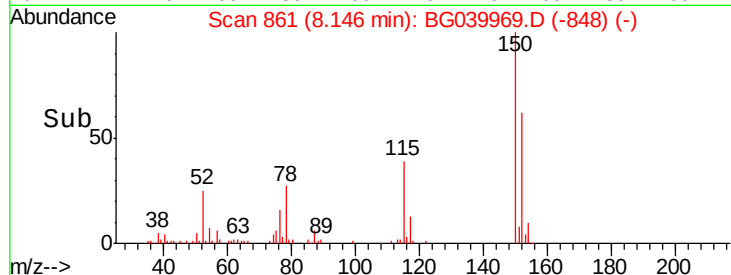
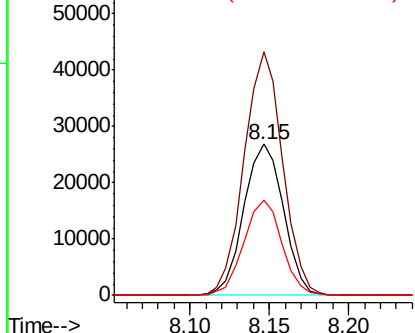


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

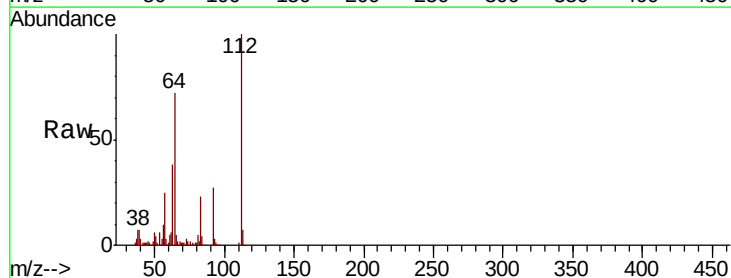
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.846 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.8	86.8
63	38.3	29.8	44.6

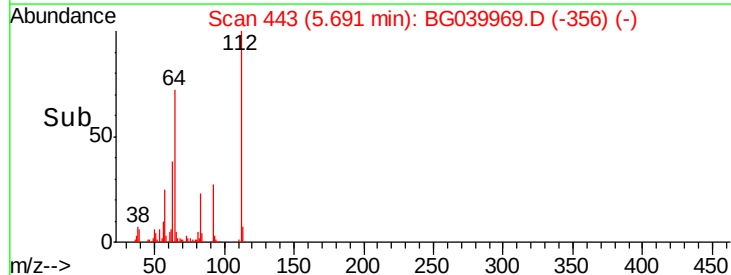
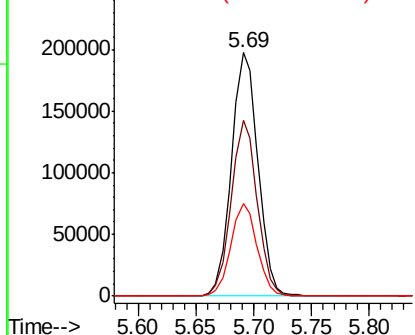


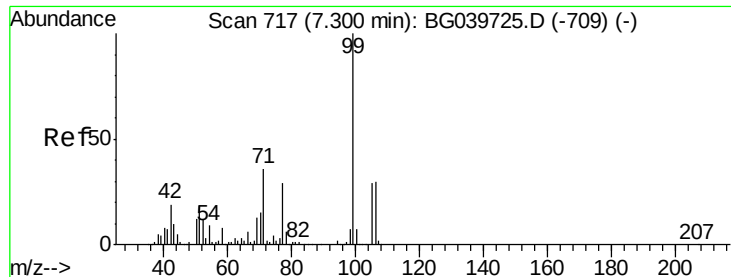
Abundance

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: 96.982 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039969.D

Acq: 16 Mar 2019 9:48

Instrument :

BNA_G

ClientSampleId :

AU-05-031419-A

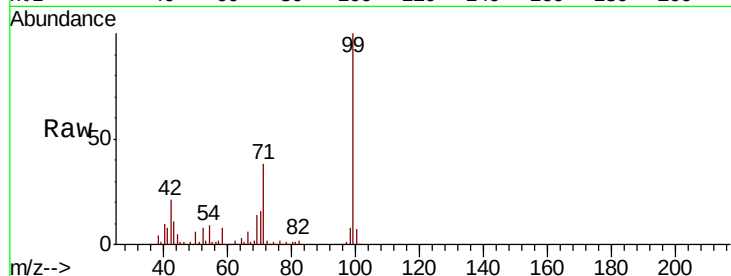
Tot Ion: 99 Resp: 395774

Ion Ratio Lower Upper

99 100

42 21.1 18.2 27.2

71 37.7 28.0 42.0

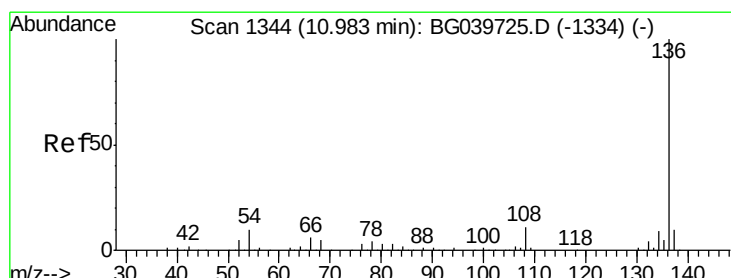
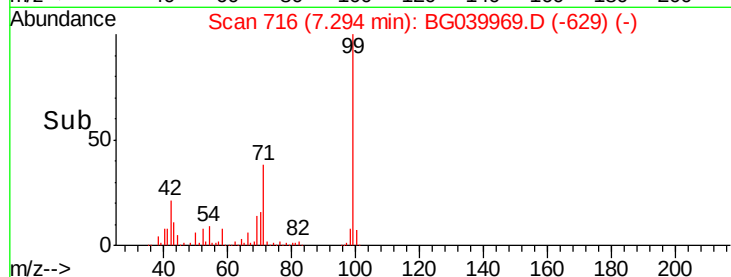
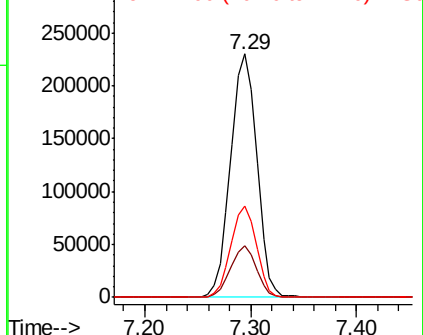


Abundance

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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039969.D

Acq: 16 Mar 2019 9:48

Tgt Ion: 136 Resp: 199639

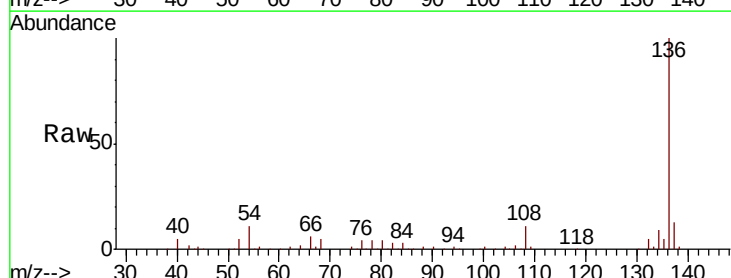
Ion Ratio Lower Upper

136 100

137 12.5 9.1 13.7

54 10.7 9.4 14.2

68 5.0 4.2 6.4



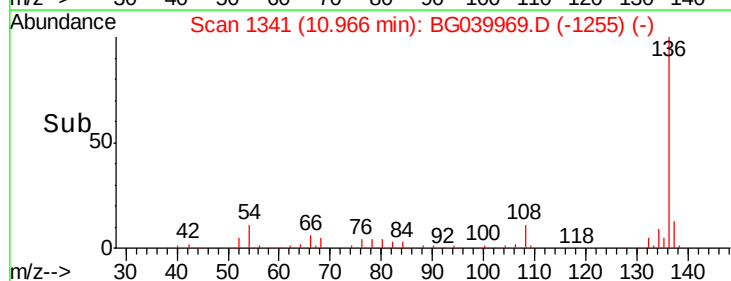
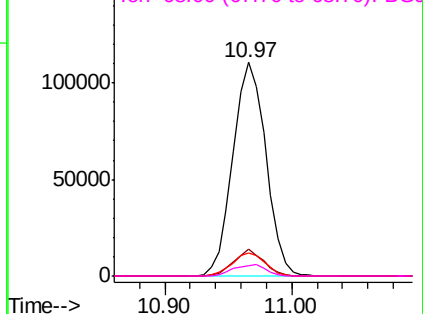
Abundance

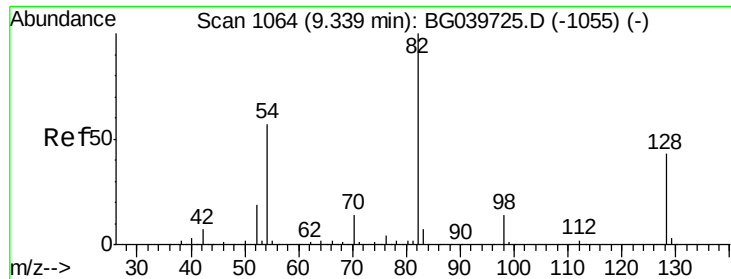
Ion 136.00 (135.70 to 136.70): BGC

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

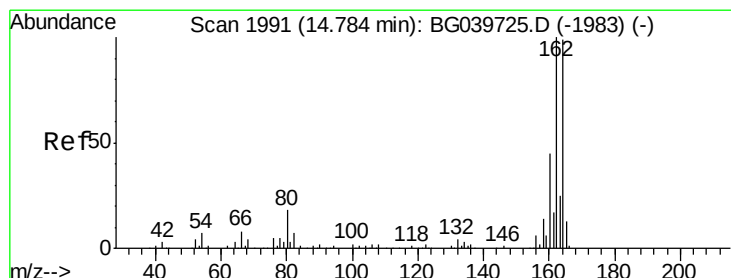
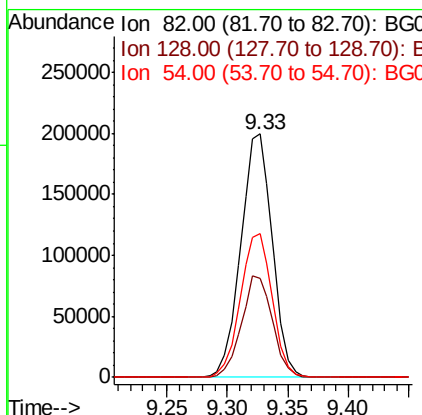
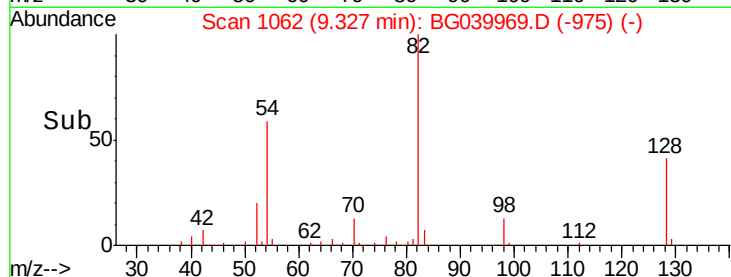
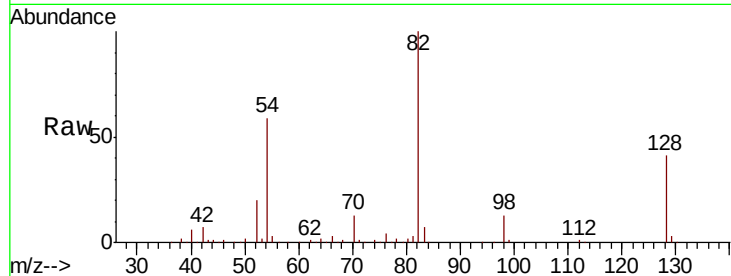




#23
Nitrobenzene-d5
Concen: 98.237 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

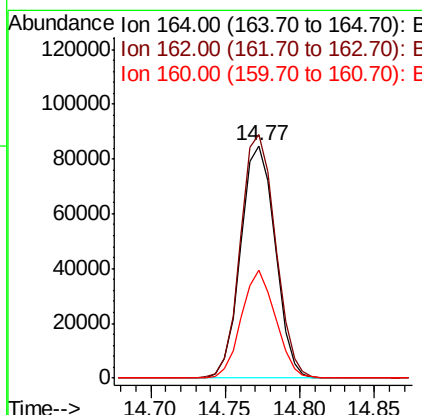
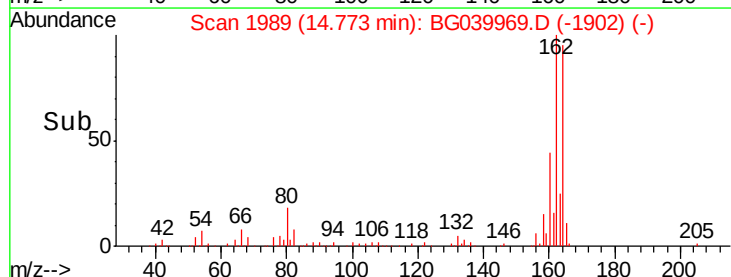
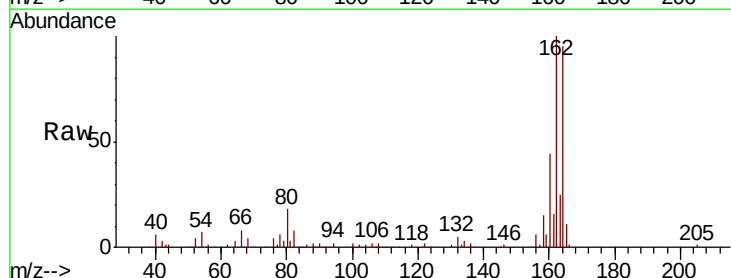
Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

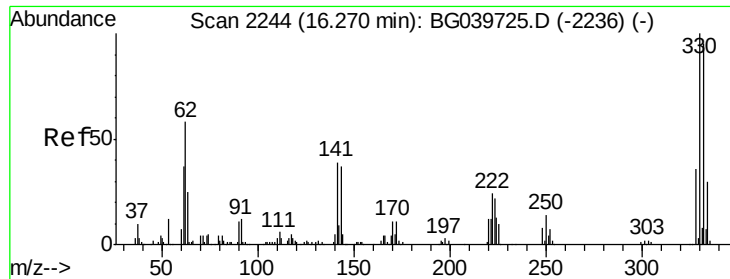
Tot Ion	82	Resp	362619
Ion Ratio	Lower	Upper	
82	100		
128	40.9	31.3	46.9
54	59.0	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Tgt Ion	164	Resp	135281
Ion Ratio	Lower	Upper	
164	100		
162	104.9	81.6	122.4
160	46.6	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 140.593 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039969.D

Acq: 16 Mar 2019 9:48

Instrument :

BNA_G

ClientSampleId :

AU-05-031419-A

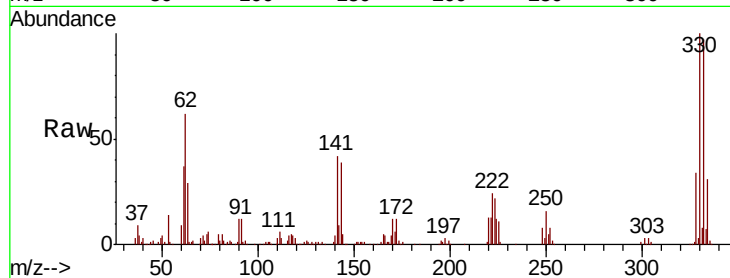
Tot Ion:330 Resp: 221687

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

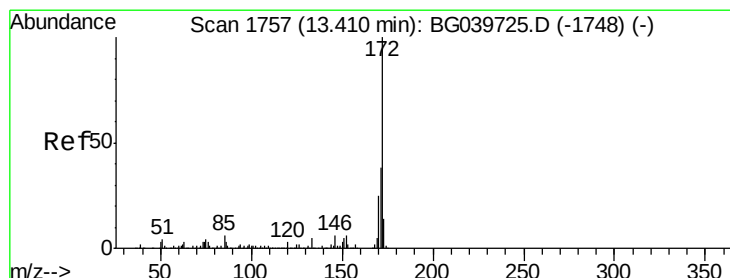
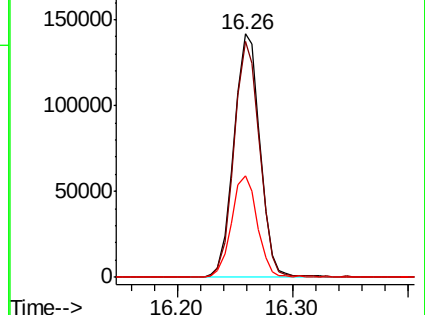
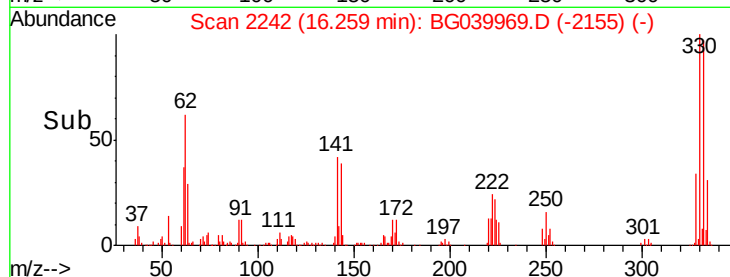
141 41.4 35.6 53.4



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: 86.509 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039969.D

Acq: 16 Mar 2019 9:48

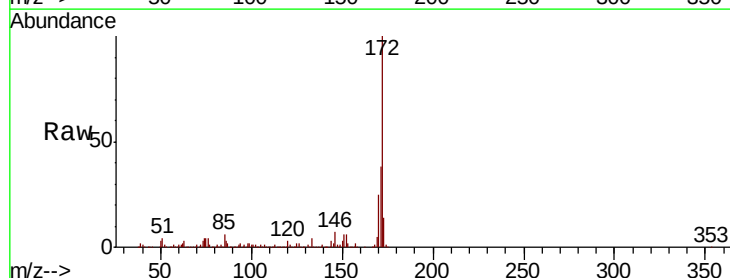
Tgt Ion:172 Resp: 821937

Ion Ratio Lower Upper

172 100

171 37.7 30.8 46.2

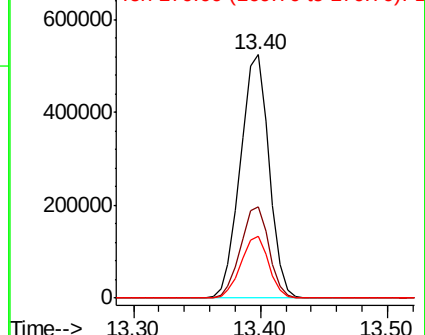
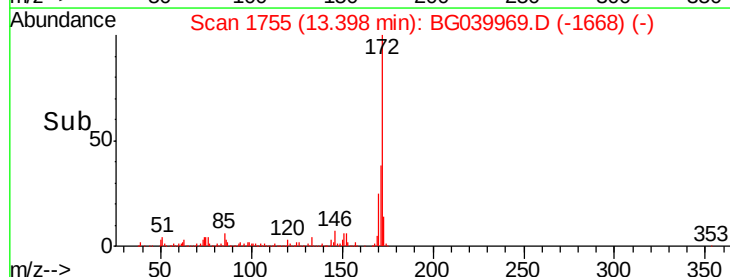
170 25.4 20.2 30.4

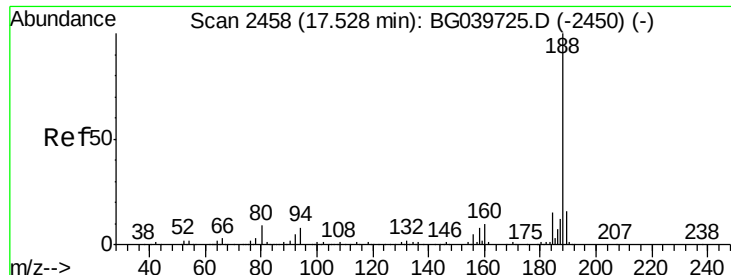


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

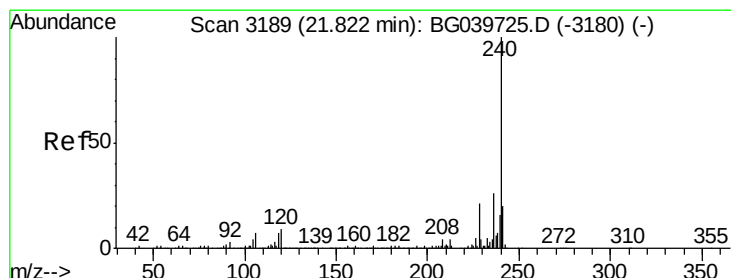
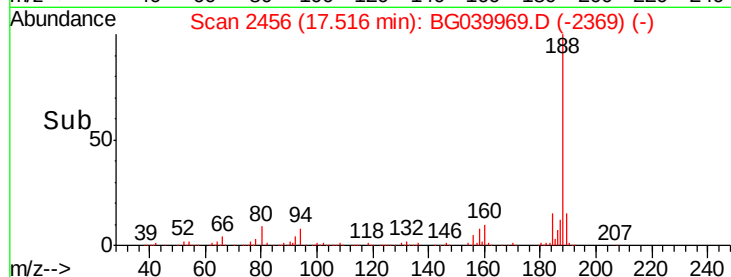
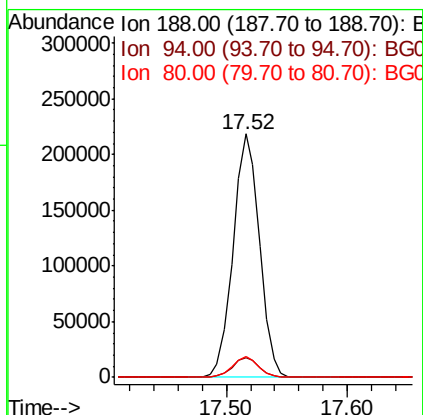
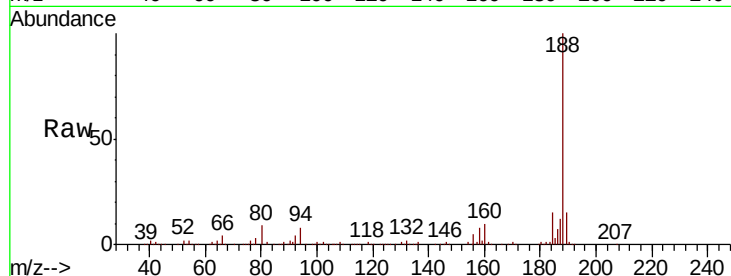




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

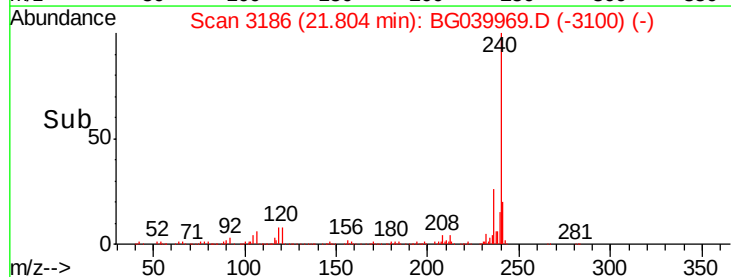
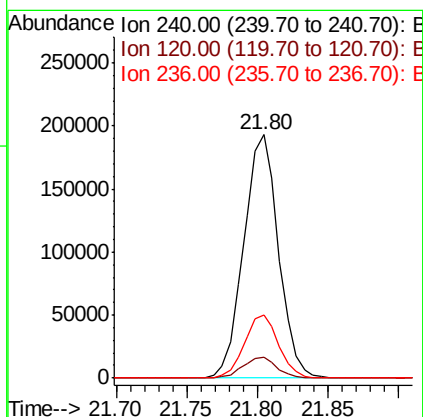
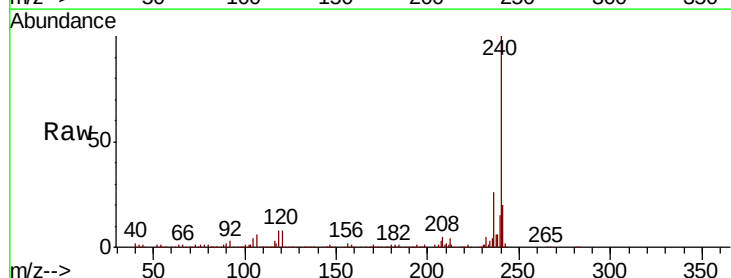
Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

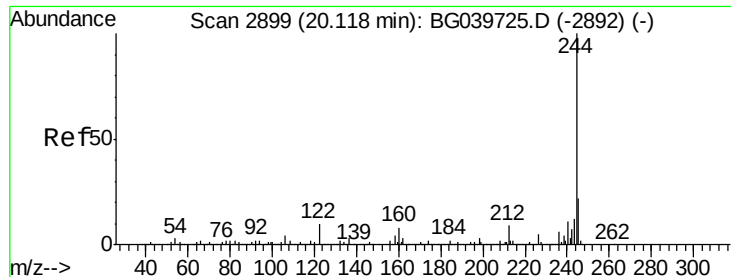
Tot Ion:188 Resp: 331474
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Tgt Ion:240 Resp: 331930
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 90.673 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039969.D

Acq: 16 Mar 2019 9:48

Instrument :

BNA_G

ClientSampleId :

AU-05-031419-A

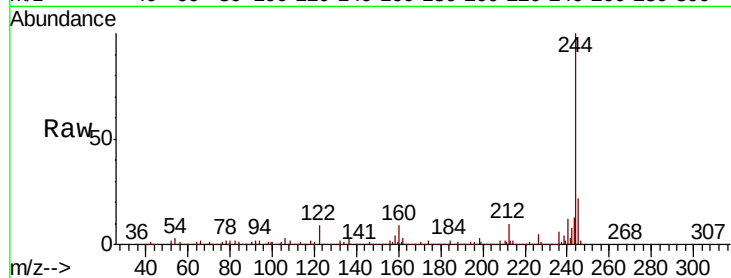
Tot Ion:244 Resp: 1366929

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	9.2	8.4	12.6

244 100

212 9.6 7.3 10.9

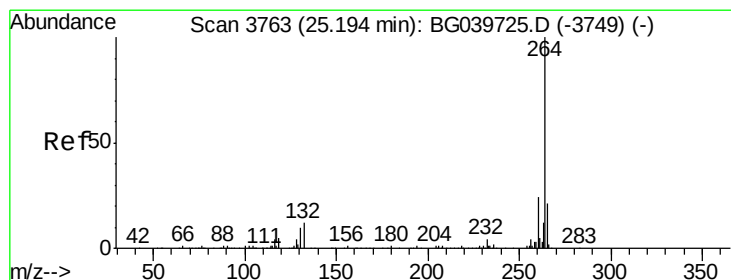
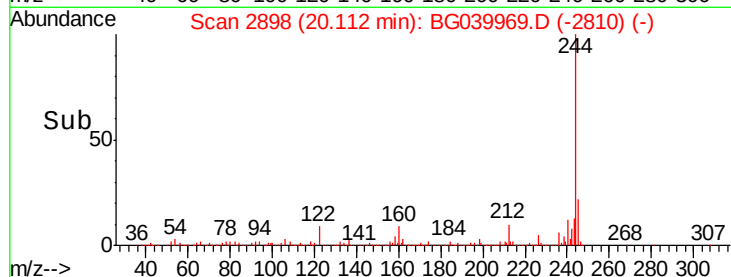
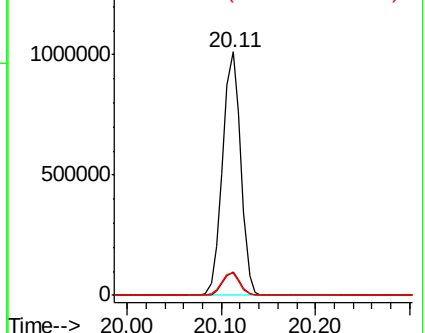
122 9.2 8.4 12.6



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: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG039969.D

Acq: 16 Mar 2019 9:48

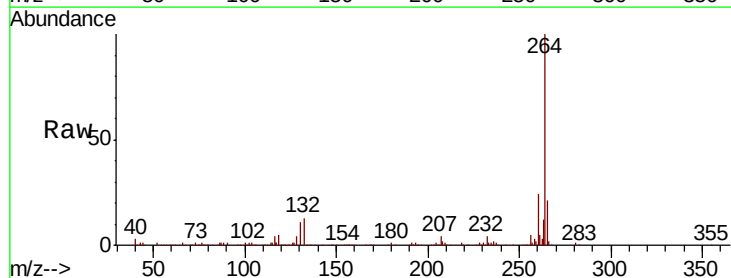
Tgt Ion:264 Resp: 331903

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.1	18.5	27.7

264 100

260 24.2 18.2 27.4

265 21.1 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

