

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039963.D
 Acq On : 16 Mar 2019 5:52
 Operator : JU/SJ
 Sample : K1685-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Mar 16 06:51:37 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	41494	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	179673	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	123676	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	278589	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	277286	20.00	ng	-0.02
87) Perylene-d12	25.17	264	282613	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	288928	118.79	ng	-0.02
7) Phenol-d6	7.30	99	376134	103.72	ng	-0.02
23) Nitrobenzene-d5	9.32	82	318913	96.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	205770	142.74	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	781748	90.00	ng	-0.02
79) Terphenyl-d14	20.11	244	1145761	90.98	ng	-0.01

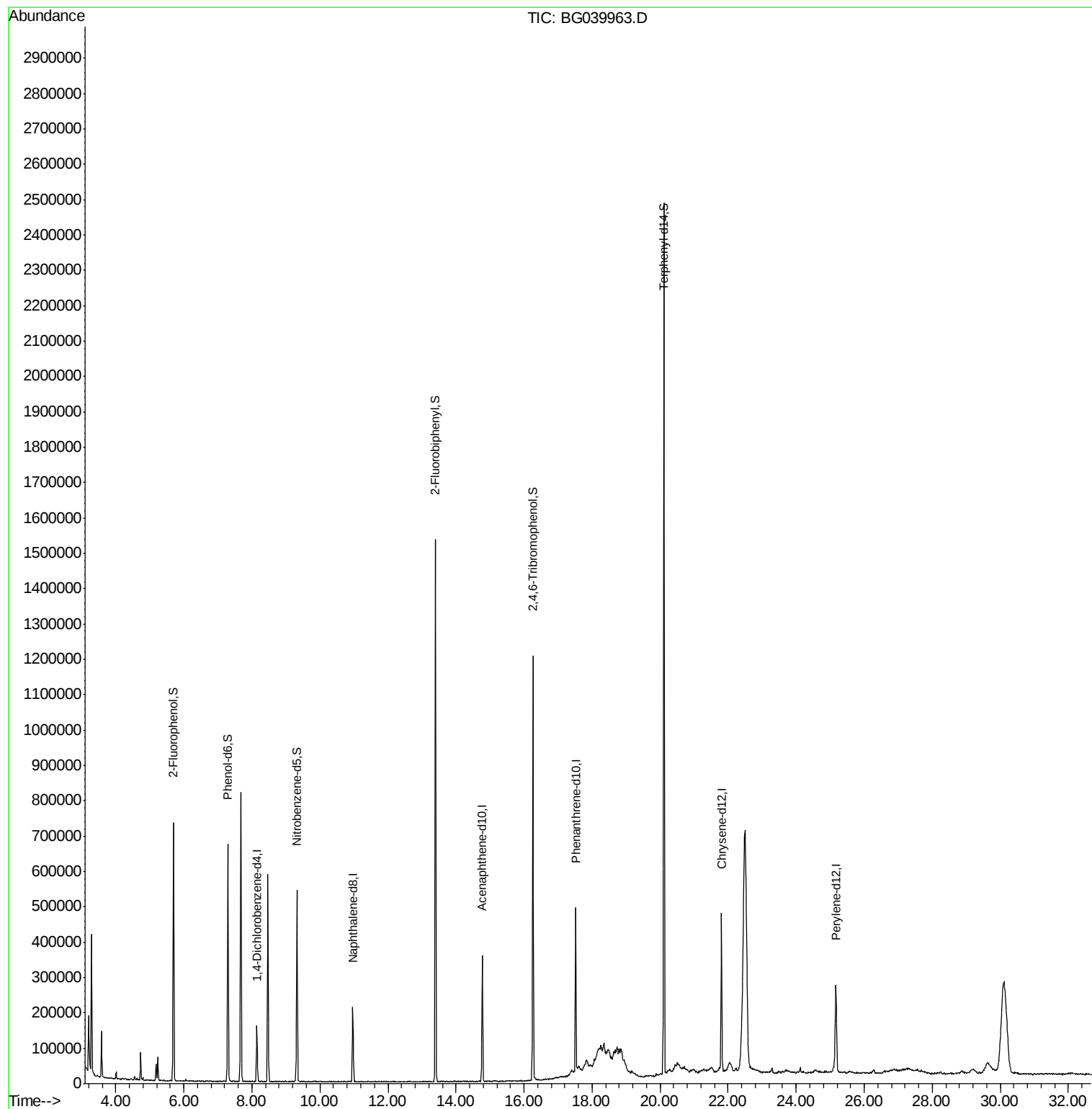
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039963.D
Acq On : 16 Mar 2019 5:52
Operator : JU/SJ
Sample : K1685-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Mar 16 06:51:37 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



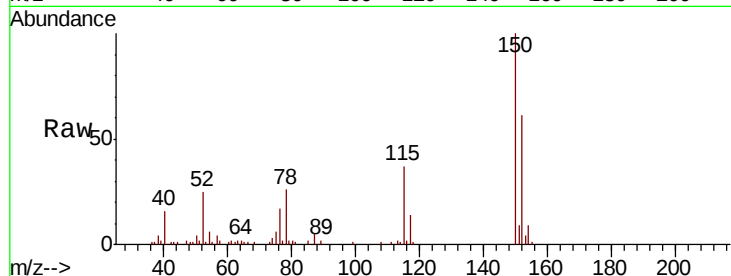


#1

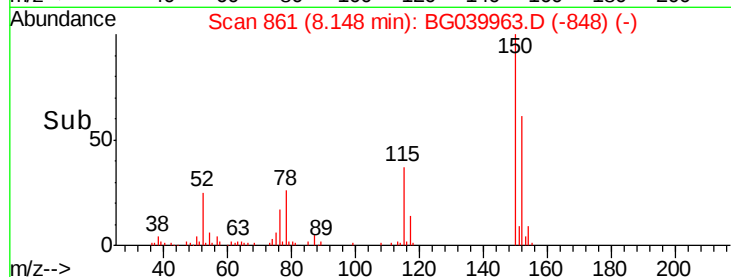
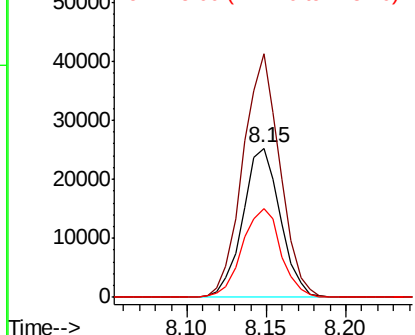
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039963.D
Acq: 16 Mar 2019 5:52

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

Tot Ion:152 Resp: 41494
Ion Ratio Lower Upper
152 100
150 163.0 123.7 185.5
115 59.6 45.9 68.9



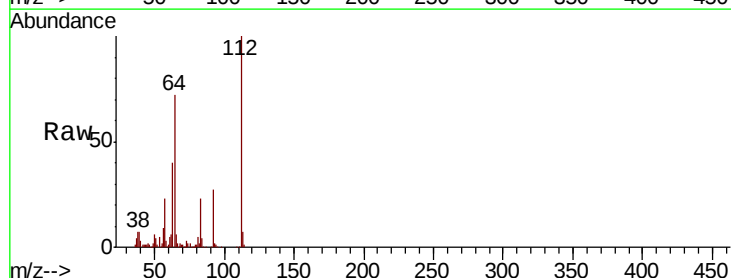
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



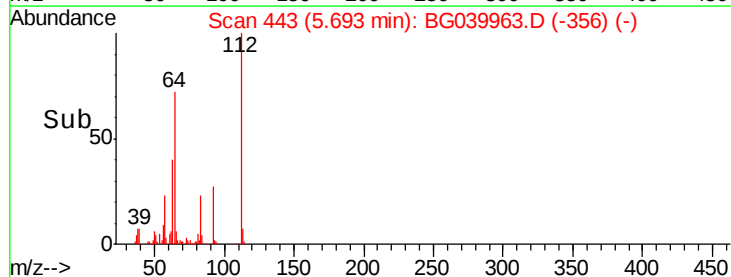
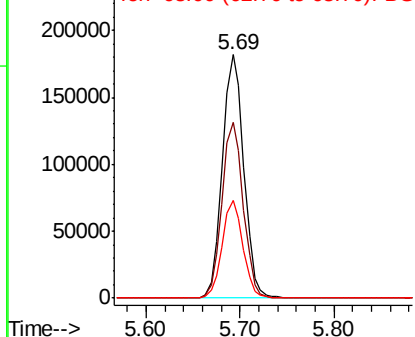
#5

2-Fluorophenol
Concen: 118.792 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039963.D
Acq: 16 Mar 2019 5:52

Tgt Ion:112 Resp: 288928
Ion Ratio Lower Upper
112 100
64 72.1 57.8 86.8
63 40.2 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: 103.716 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039963.D

Acq: 16 Mar 2019 5:52

Instrument :

BNA_G

ClientSampleId :

AU-05-031419-D

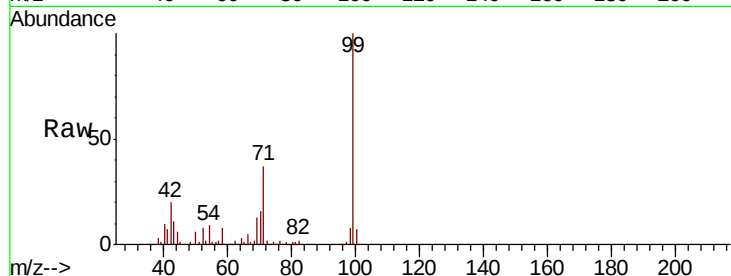
Tot Ion: 99 Resp: 376134

Ion Ratio Lower Upper

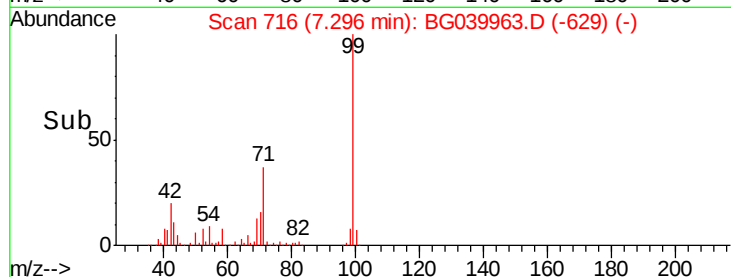
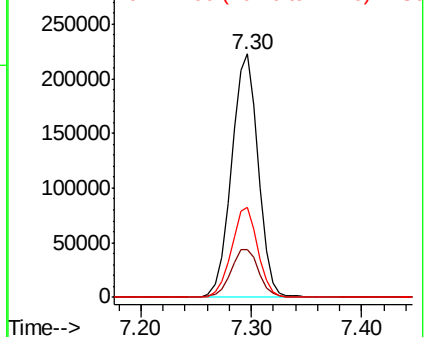
99 100

42 19.6 18.2 27.2

71 37.0 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: BG039963.D

Acq: 16 Mar 2019 5:52

Tgt Ion: 136 Resp: 179673

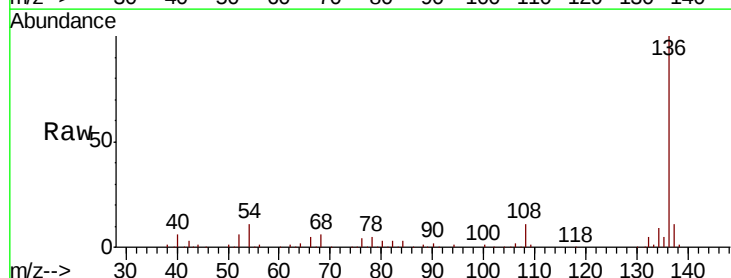
Ion Ratio Lower Upper

136 100

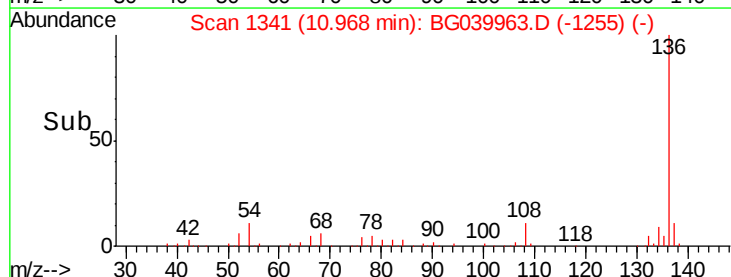
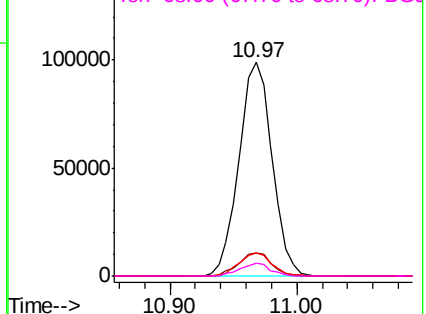
137 10.7 9.1 13.7

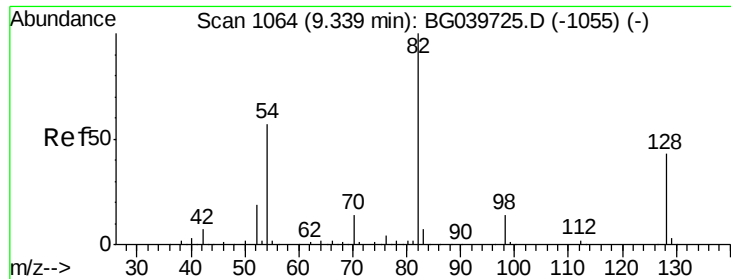
54 10.6 9.4 14.2

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

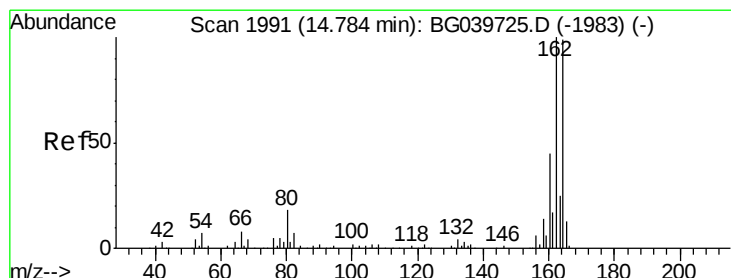
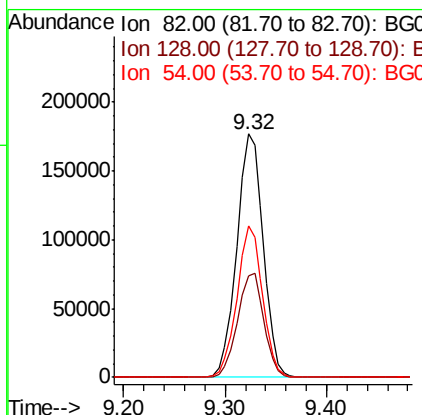
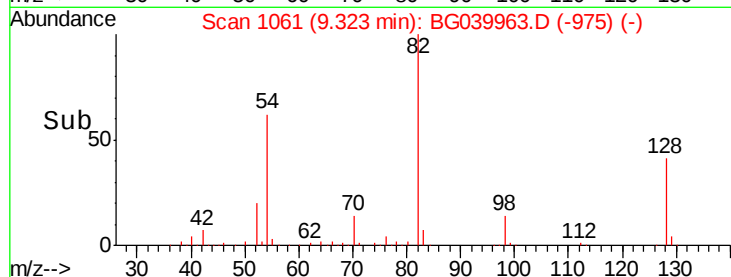
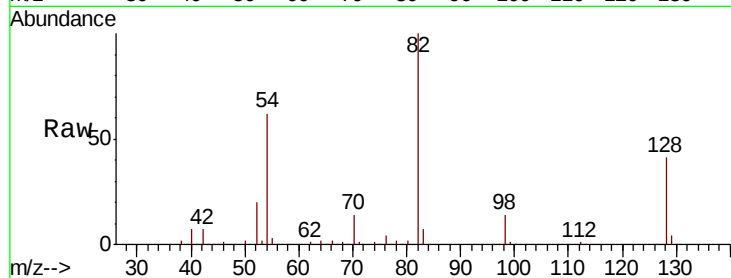




#23
Nitrobenzene-d5
Concen: 95.997 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039963.D
Acq: 16 Mar 2019 5:52

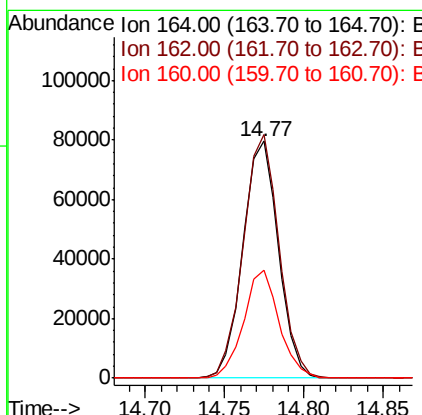
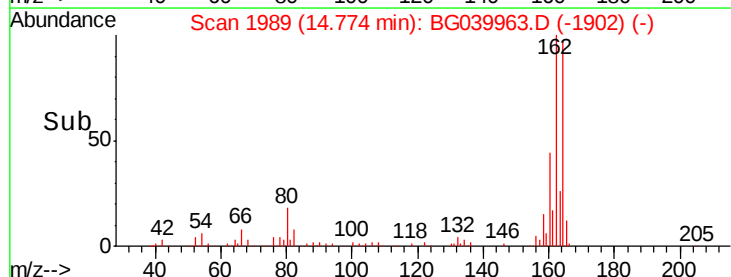
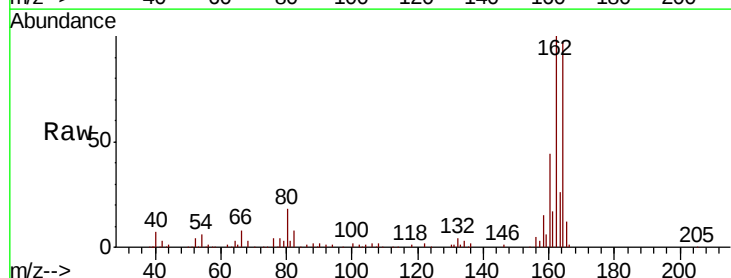
Instrument :
BNA_G
ClientSampleId :
AU-05-031419-D

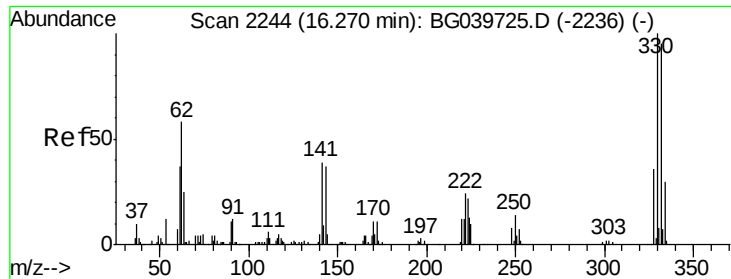
Tot Ion: 82 Resp: 318913
Ion Ratio Lower Upper
82 100
128 41.5 31.3 46.9
54 62.4 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039963.D
Acq: 16 Mar 2019 5:52

Tgt Ion:164 Resp: 123676
Ion Ratio Lower Upper
164 100
162 102.9 81.6 122.4
160 45.7 34.2 51.2

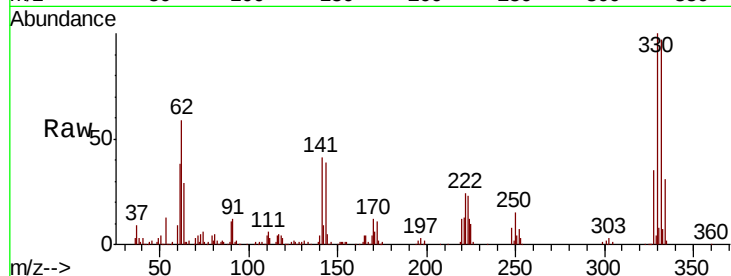




#42
 2,4,6-Tribromophenol
 Concen: 142.744 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039963.D
 Acq: 16 Mar 2019 5:52

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.7	113.5
141	42.2	35.6	53.4

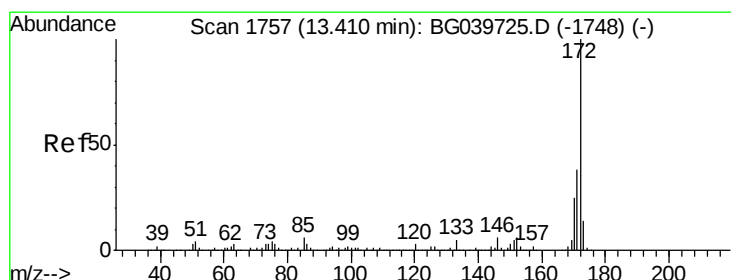
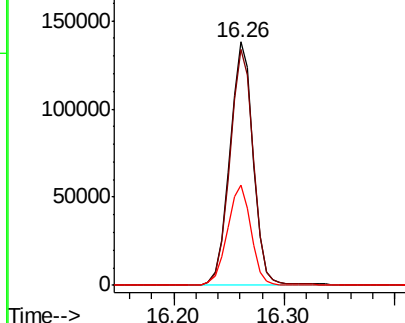
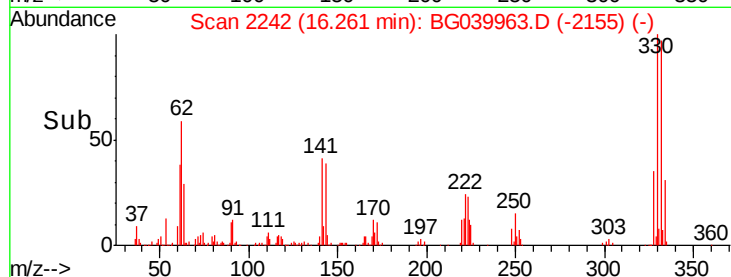


Abundance

Ion 329.80 (329.50 to 330.50): E

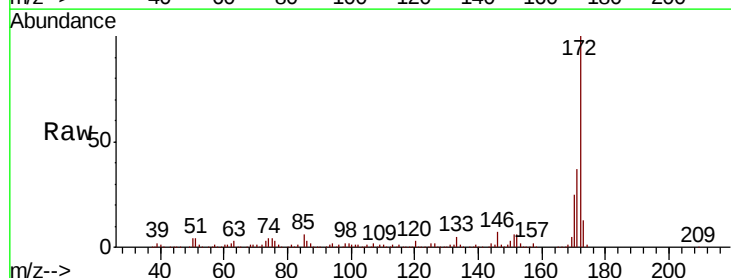
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.999 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039963.D
 Acq: 16 Mar 2019 5:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	24.5	20.2	30.4

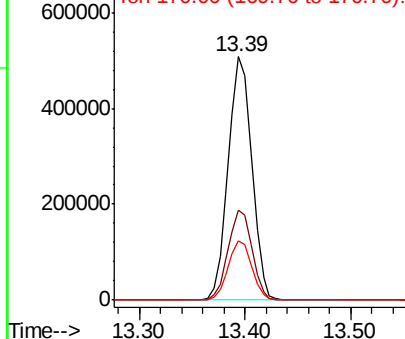
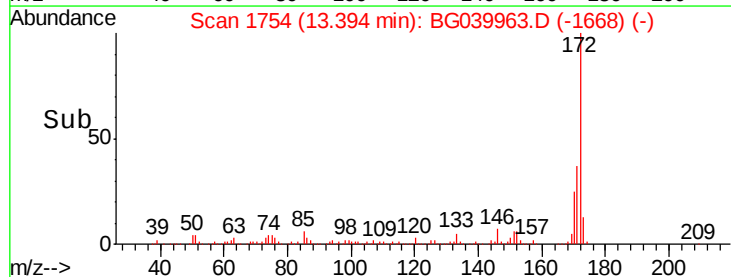


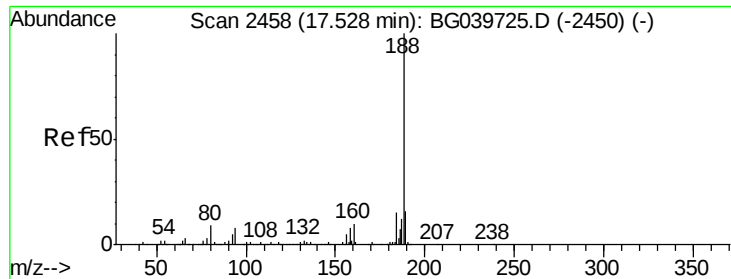
Abundance

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

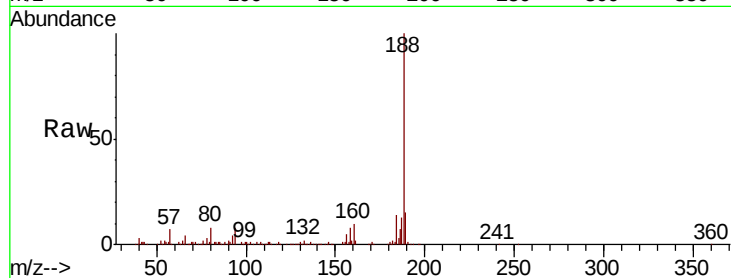




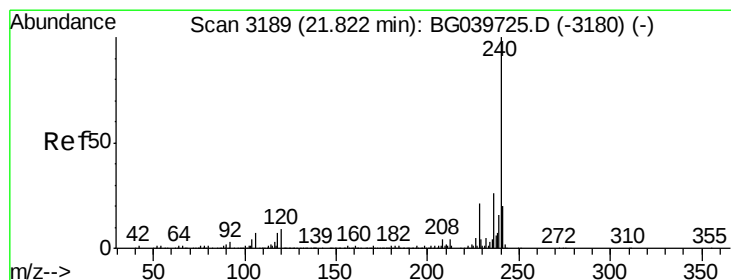
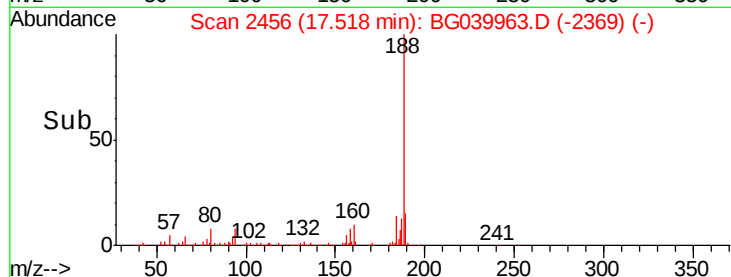
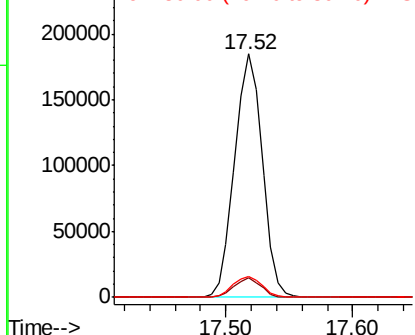
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039963.D
Acq: 16 Mar 2019 5:52

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.4	8.1	12.1

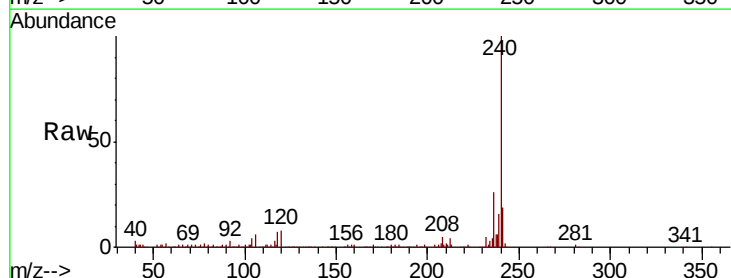


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

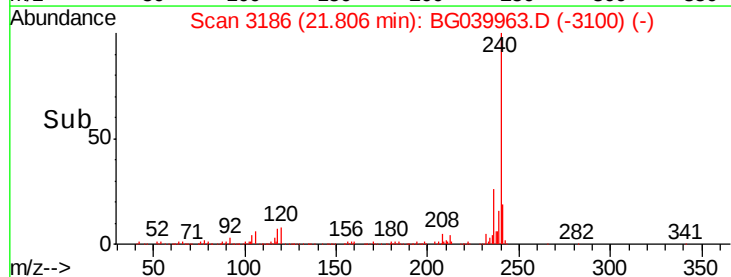
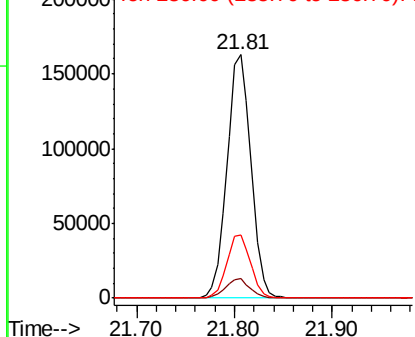


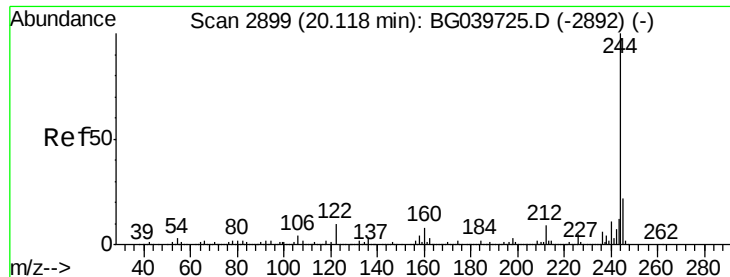
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039963.D
Acq: 16 Mar 2019 5:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	25.7	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: 90.980 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039963.D

Acq: 16 Mar 2019 5:52

Instrument :

BNA_G

ClientSampleId :

AU-05-031419-D

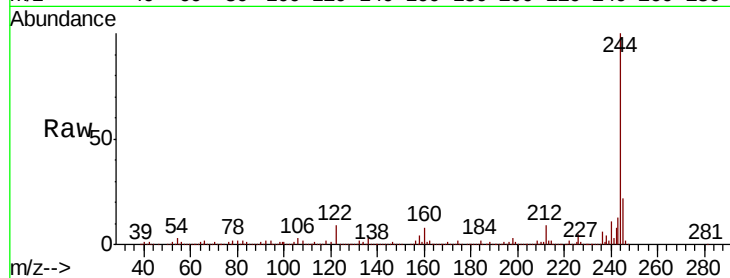
Tot Ion:244 Resp: 1145761

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

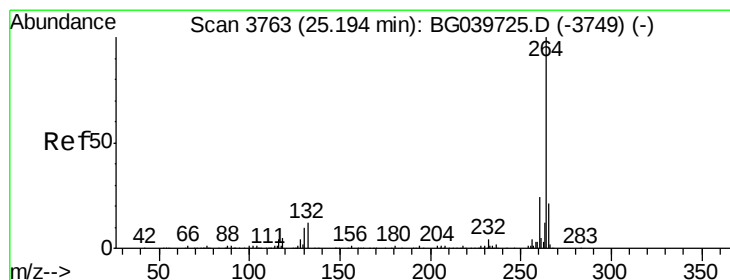
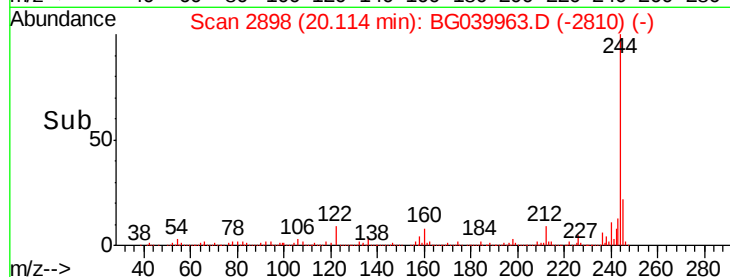
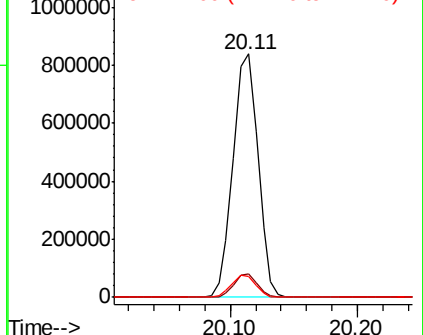
122 8.7 8.4 12.6



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: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG039963.D

Acq: 16 Mar 2019 5:52

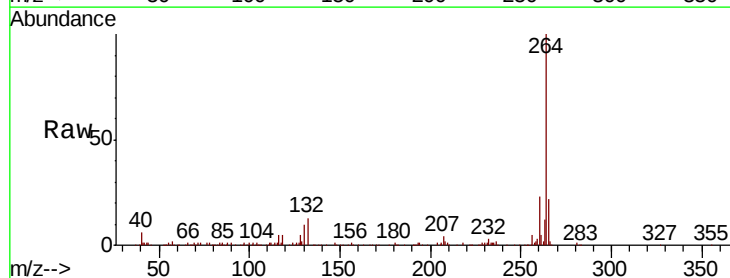
Tgt Ion:264 Resp: 282613

Ion Ratio Lower Upper

264 100

260 22.5 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

