

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039983.D
 Acq On : 18 Mar 2019 23:52
 Operator : JU/SJ
 Sample : K1932-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-7

Quant Time: Mar 19 08:20:16 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	51712	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	209835	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	125684	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	263443	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	276020	20.00	ng	-0.02
87) Perylene-d12	25.17	264	287254	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	204798	67.56	ng	-0.02
7) Phenol-d6	7.29	99	188124	41.62	ng	-0.02
23) Nitrobenzene-d5	9.33	82	399022	102.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	195915	133.74	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	879618	99.65	ng	-0.02
79) Terphenyl-d14	20.11	244	1129656	90.11	ng	-0.01

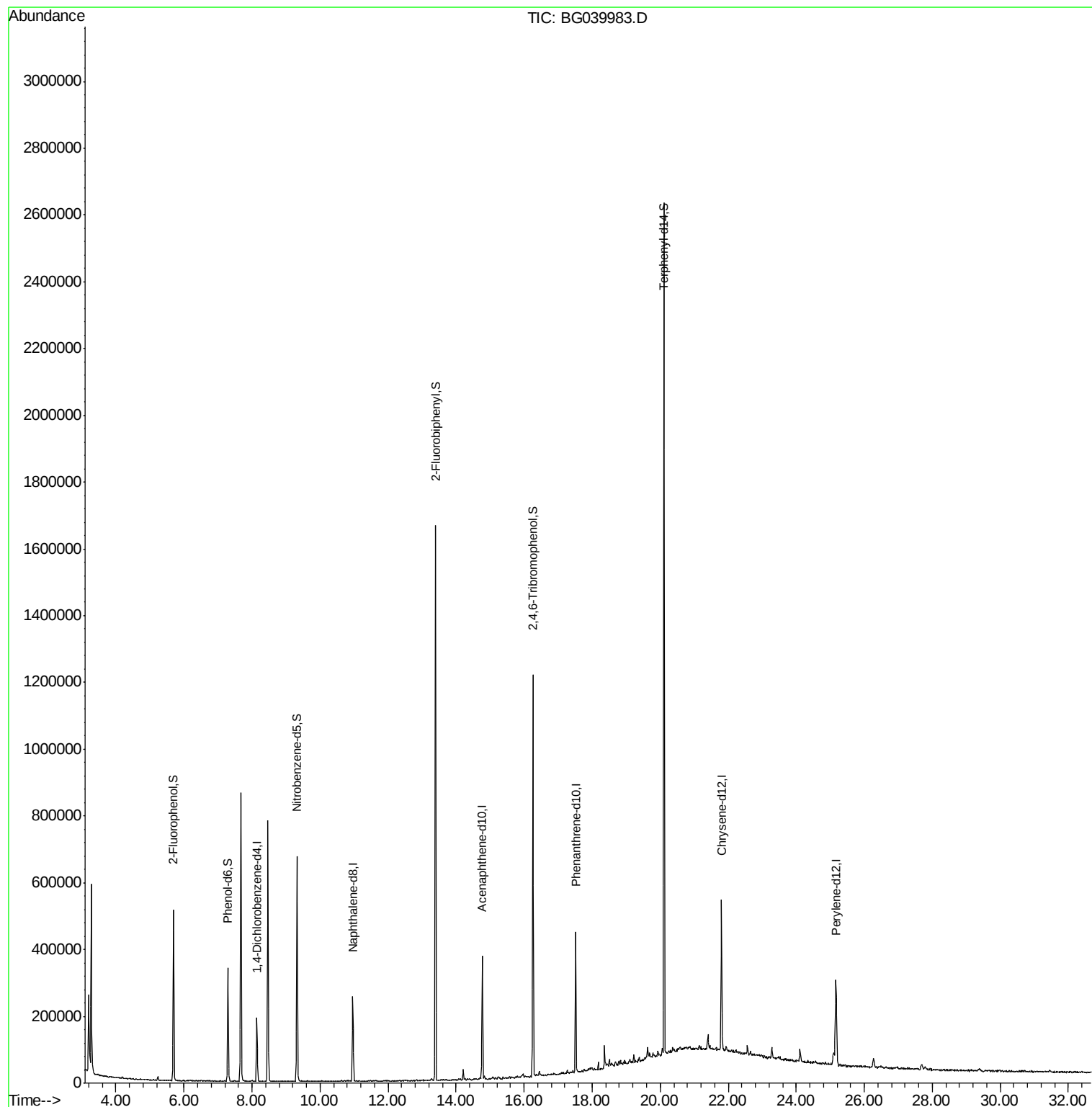
Target Compounds Qvalue

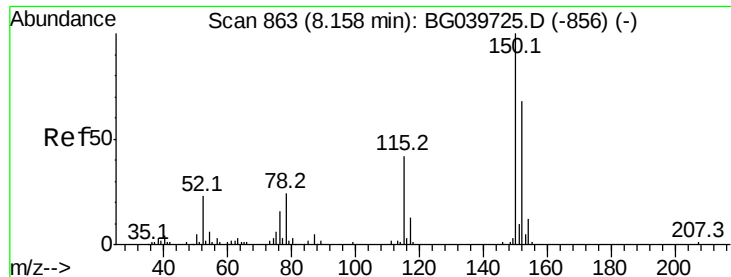
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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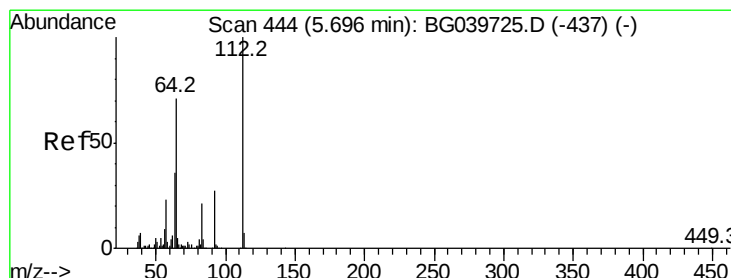
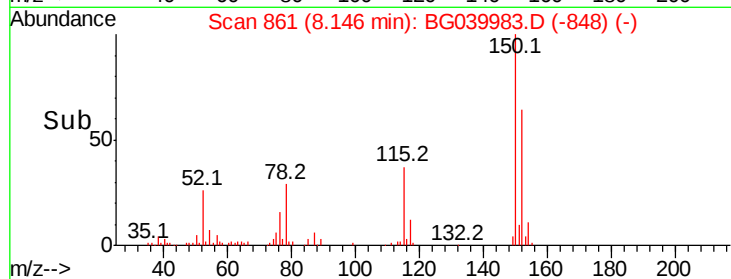
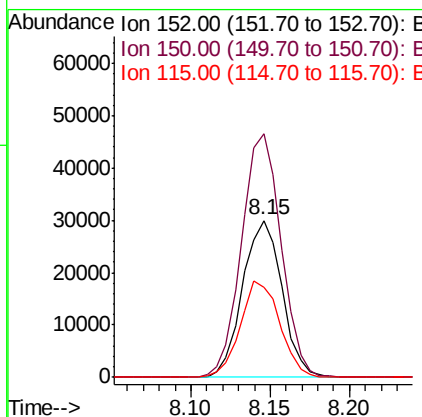
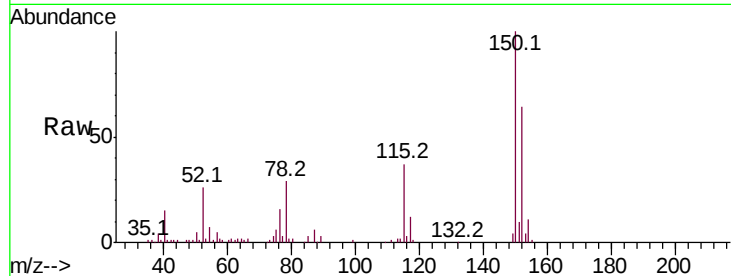


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039983.D
Acq: 18 Mar 2019 23:52

Instrument :
BNA_G
ClientSampleId :
TW-7

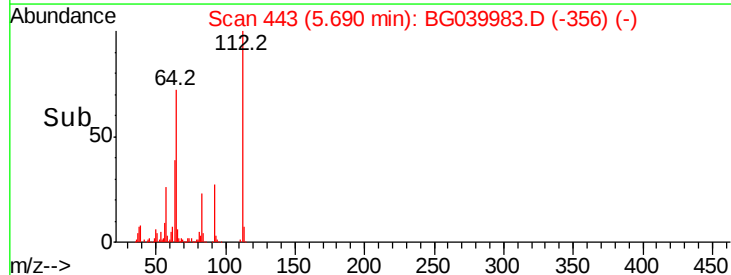
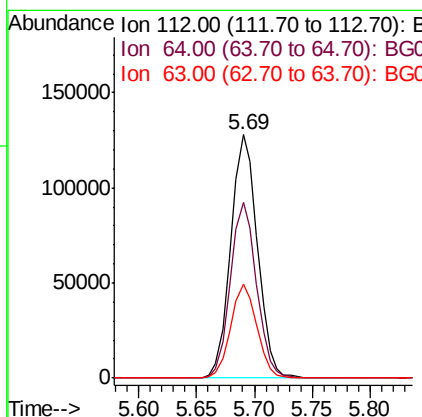
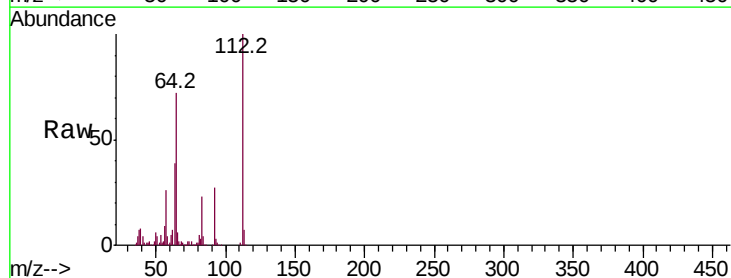
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.7	185.5
115	57.7	45.9	68.9

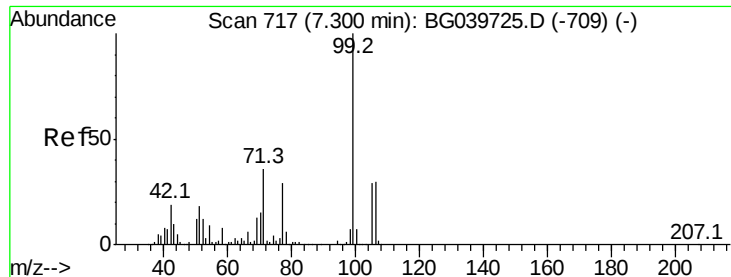


#5

2-Fluorophenol
Concen: 67.564 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039983.D
Acq: 18 Mar 2019 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	57.8	86.8
63	38.7	29.8	44.6





#7

Phenol-d6

Concen: 41.624 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039983.D

Acq: 18 Mar 2019 23:52

Instrument :

BNA_G

ClientSampled :

TW-7

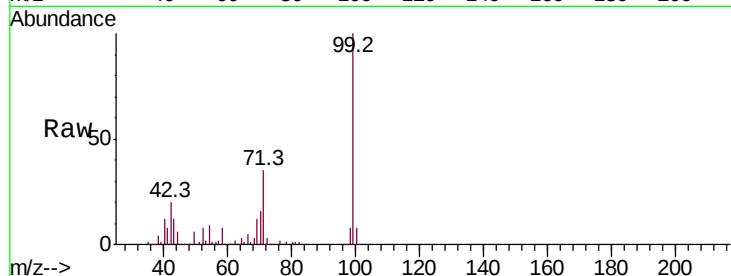
Tot Ion: 99 Resp: 188124

Ion Ratio Lower Upper

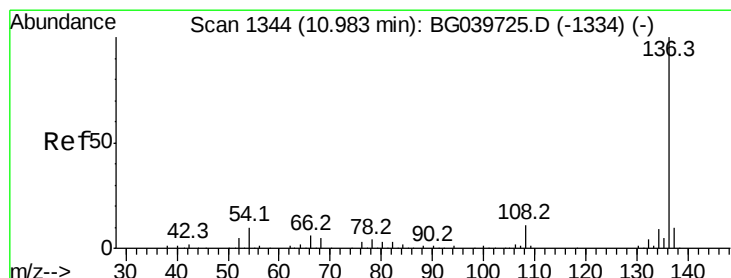
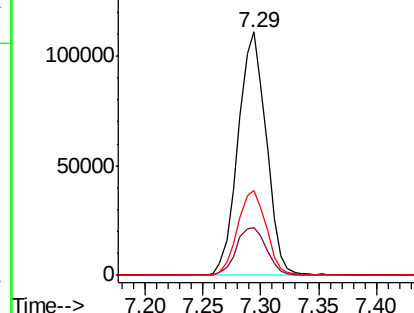
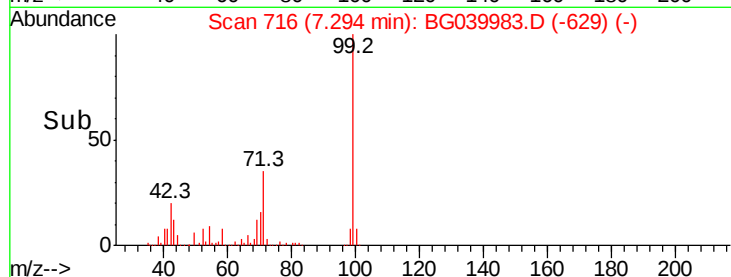
99 100

42 19.8 18.2 27.2

71 34.8 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: BG039983.D

Acq: 18 Mar 2019 23:52

Tgt Ion: 136 Resp: 209835

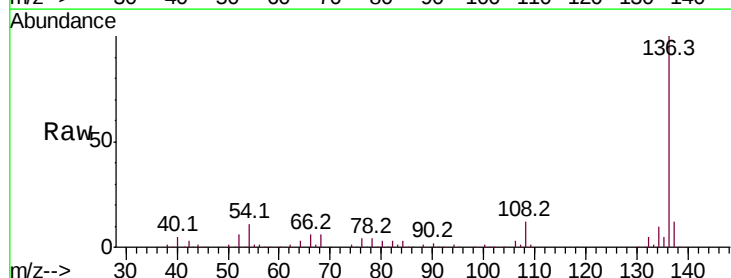
Ion Ratio Lower Upper

136 100

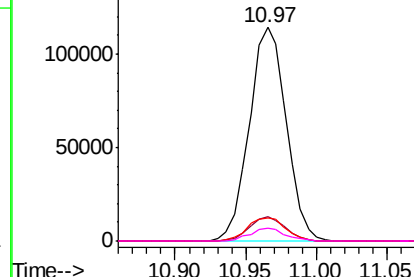
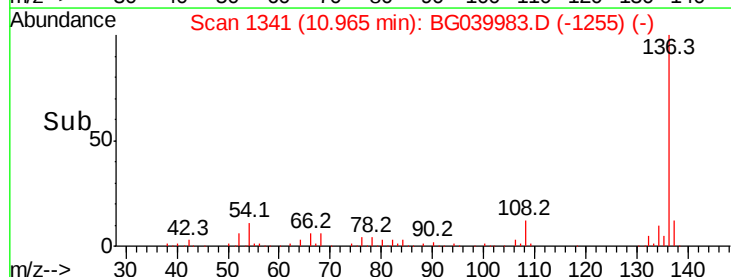
137 11.7 9.1 13.7

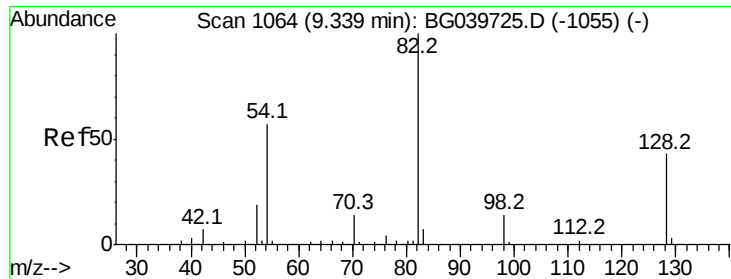
54 11.1 9.4 14.2

68 6.0 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

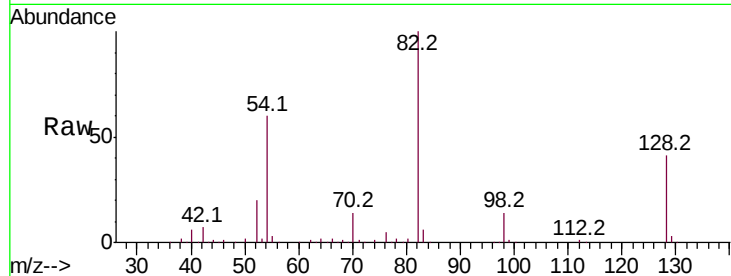




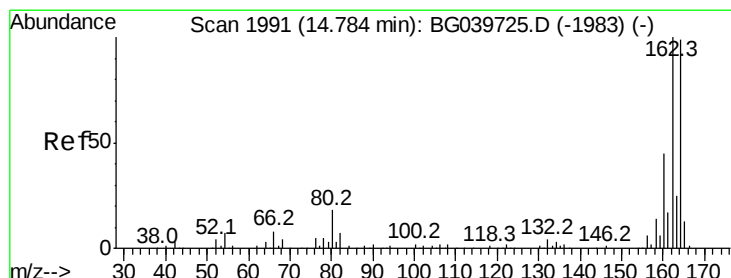
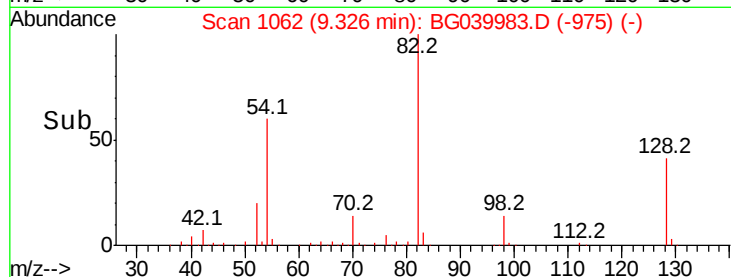
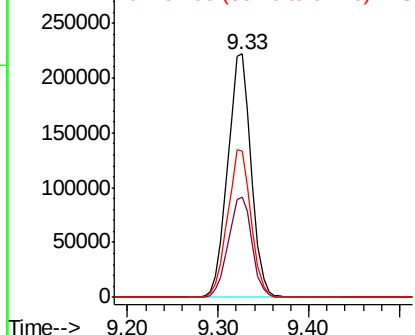
#23
 Nitrobenzene-d5
 Concen: 102.846 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039983.D
 Acq: 18 Mar 2019 23:52

Instrument :
 BNA_G
 ClientSampled :
 TW-7

Tot Ion	82	Resp	399022
Ion Ratio	100	Lower	Upper
128	41.0	31.3	46.9
54	59.9	50.9	76.3

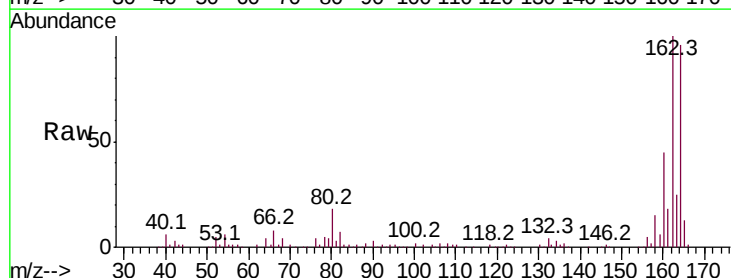


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

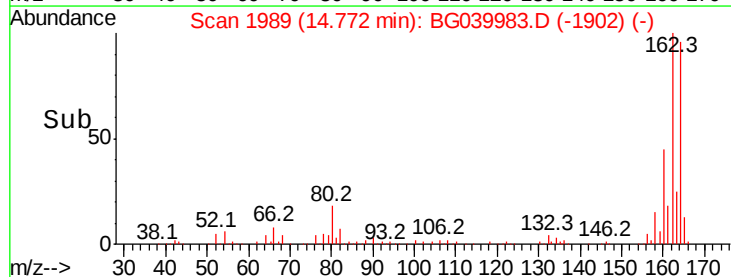
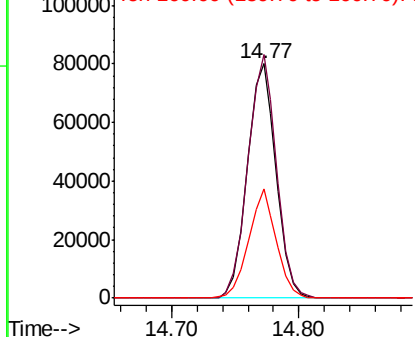


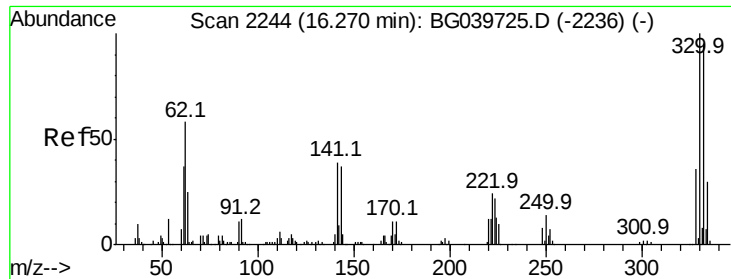
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039983.D
 Acq: 18 Mar 2019 23:52

Tgt Ion	164	Resp	125684
Ion Ratio	100	Lower	Upper
162	104.0	81.6	122.4
160	46.5	34.2	51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 133.736 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039983.D

Acq: 18 Mar 2019 23:52

Instrument :

BNA_G

ClientSampleId :

TW-7

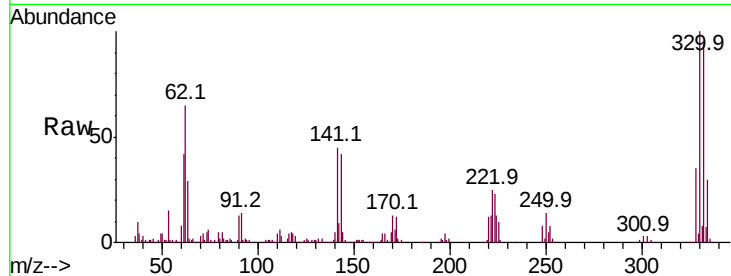
Tot Ion:330 Resp: 195915

Ion Ratio Lower Upper

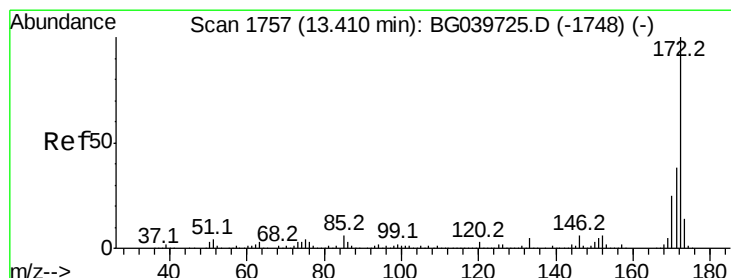
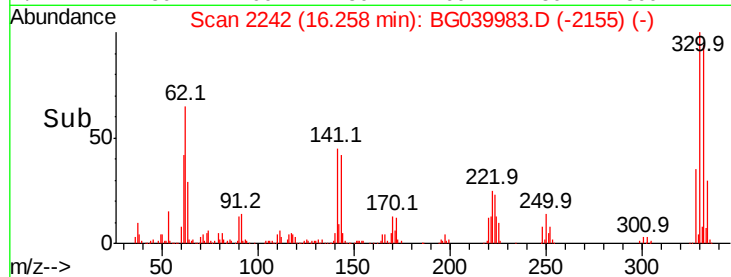
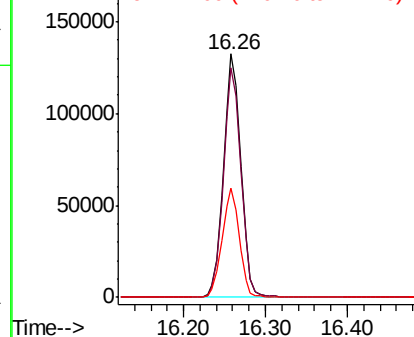
330 100

332 94.8 75.7 113.5

141 44.4 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: 99.649 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039983.D

Acq: 18 Mar 2019 23:52

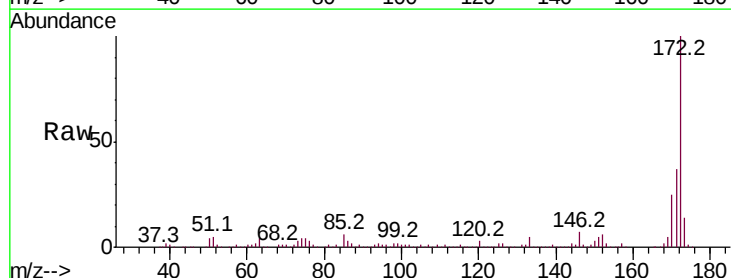
Tgt Ion:172 Resp: 879618

Ion Ratio Lower Upper

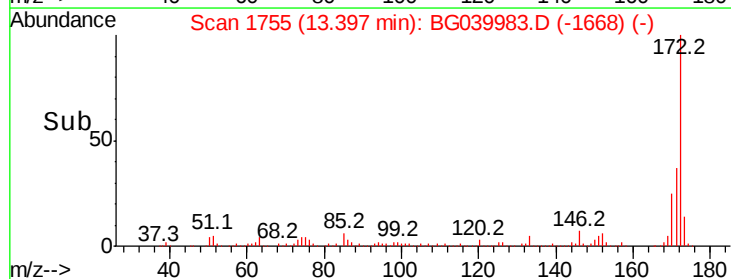
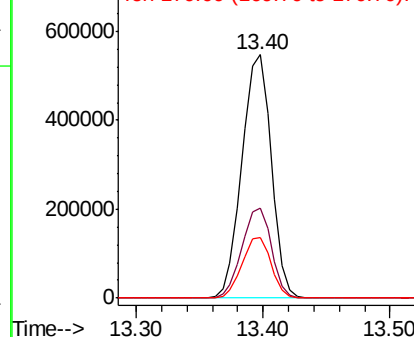
172 100

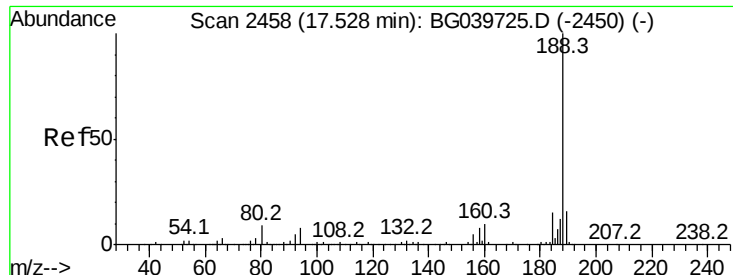
171 37.1 30.8 46.2

170 24.6 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

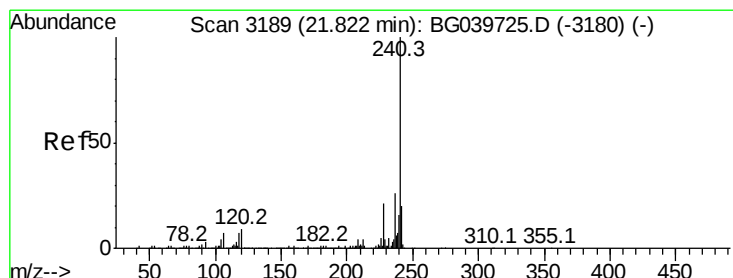
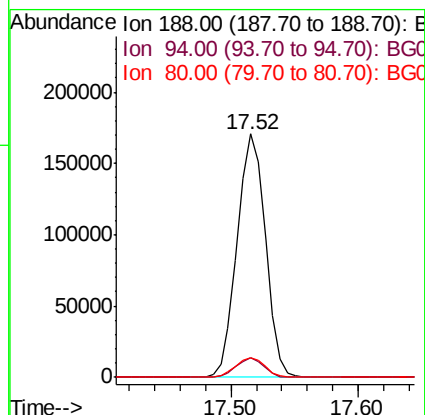
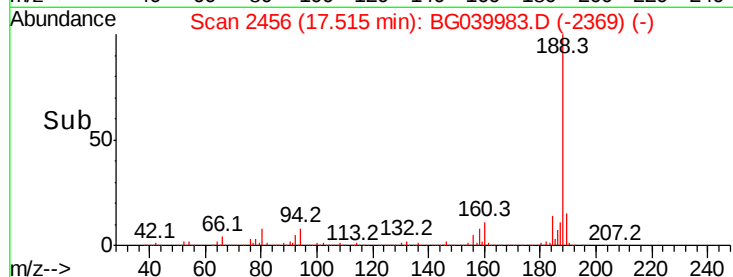
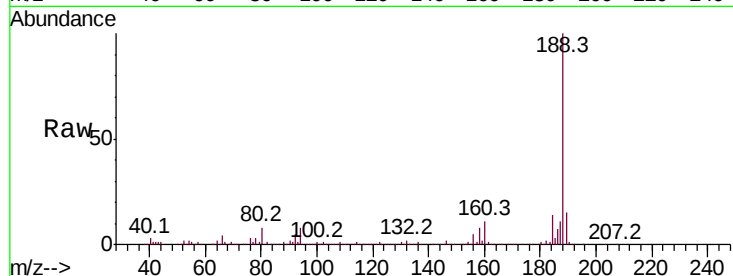




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039983.D
Acq: 18 Mar 2019 23:52

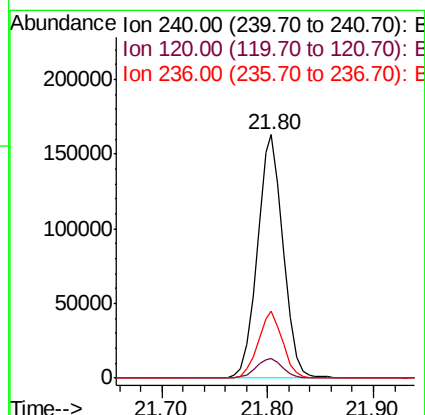
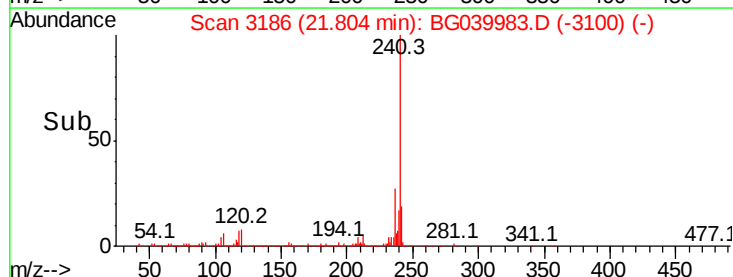
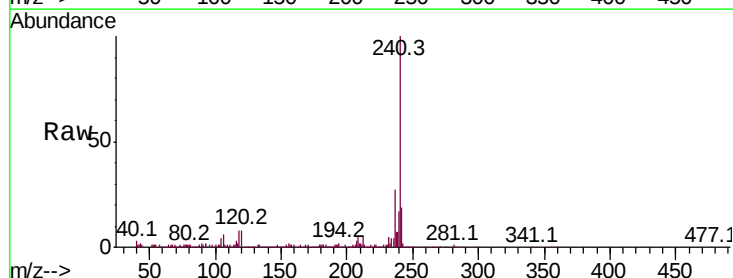
Instrument :
BNA_G
ClientSampleId :
TW-7

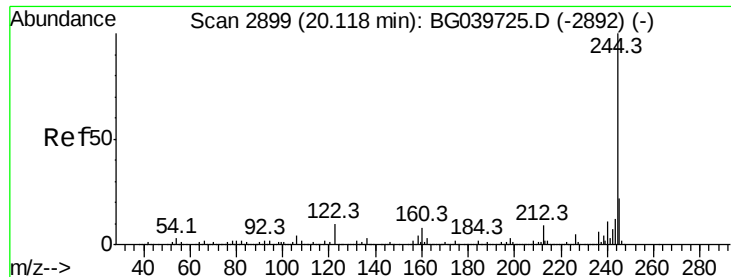
Tot Ion:188 Resp: 263443
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039983.D
Acq: 18 Mar 2019 23:52

Tgt Ion:240 Resp: 276020
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 27.4 21.0 31.4





#79

Terphenyl-d14

Concen: 90.112 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039983.D

Acq: 18 Mar 2019 23:52

Instrument :

BNA_G

ClientSampled :

TW-7

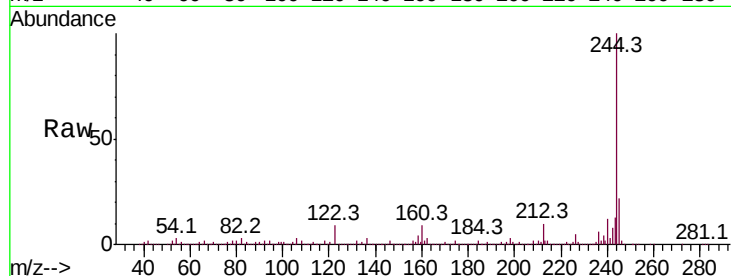
Tot Ion:244 Resp: 1129656

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

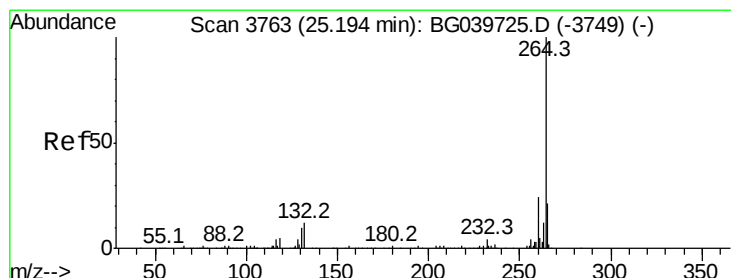
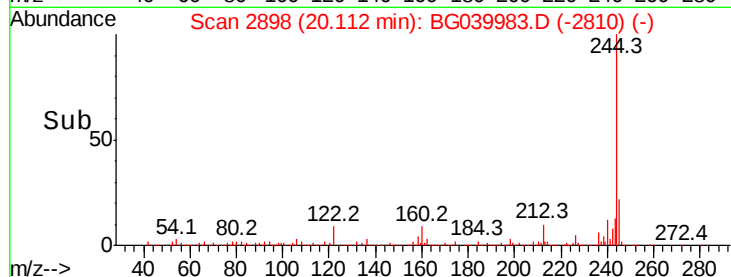
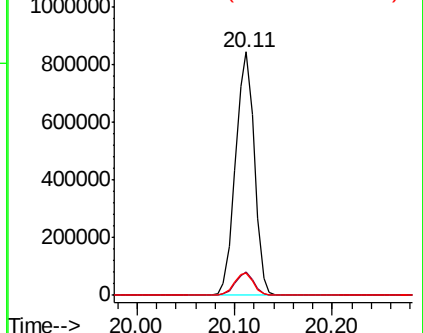
122 9.3 8.4 12.6



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# 3759

Delta R.T. -0.03 min

Lab File: BG039983.D

Acq: 18 Mar 2019 23:52

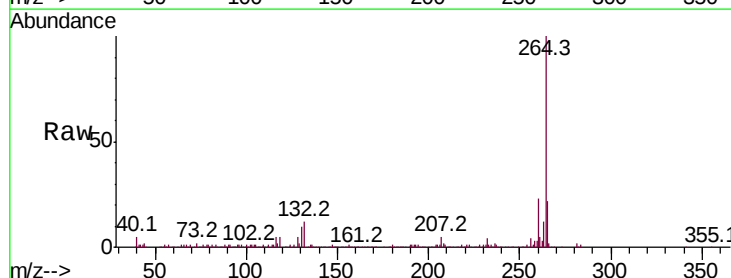
Tgt Ion:264 Resp: 287254

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.8 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

