

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039981.D
 Acq On : 18 Mar 2019 22:33
 Operator : JU/SJ
 Sample : K1903-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-6

Quant Time: Mar 19 08:12:54 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	8.14	152	46598	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	189379	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	123736	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	281935	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	289534	20.00	ng	-0.03
87) Perylene-d12	25.17	264	293075	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	188329	68.95	ng	-0.02
7) Phenol-d6	7.29	99	171842	42.19	ng	-0.02
23) Nitrobenzene-d5	9.33	82	348967	99.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	208839	144.80	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	815601	93.85	ng	-0.02
79) Terphenyl-d14	20.11	244	1191360	90.60	ng	-0.01

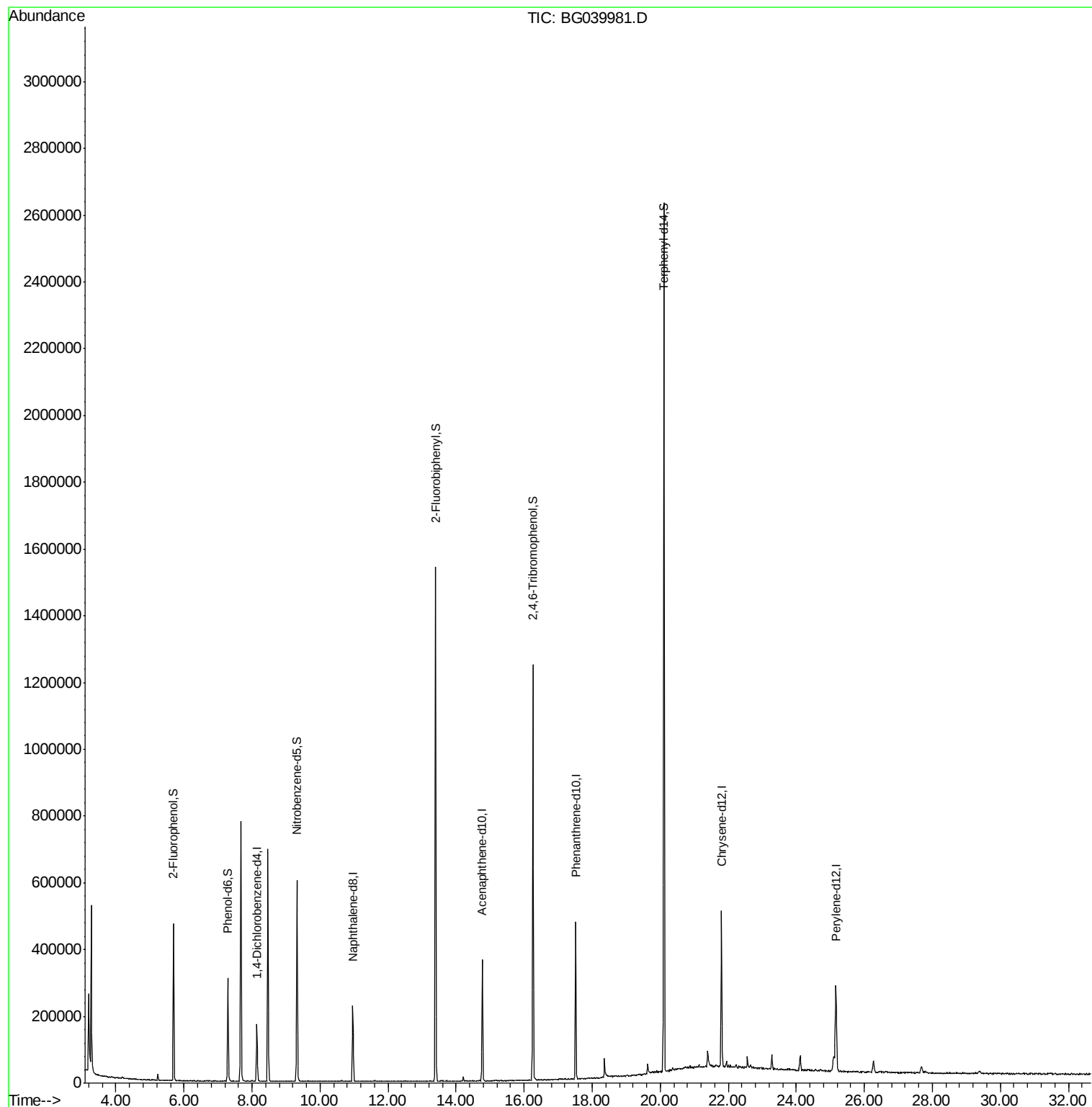
Target Compounds Qvalue

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

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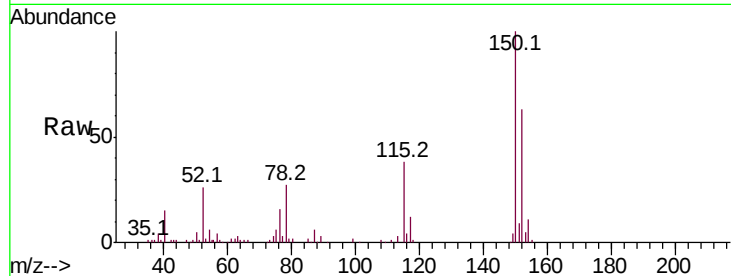


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039981.D
Acq: 18 Mar 2019 22:33

Instrument :
BNA_G
ClientSampleId :
TW-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	123.7	185.5
115	60.3	45.9	68.9

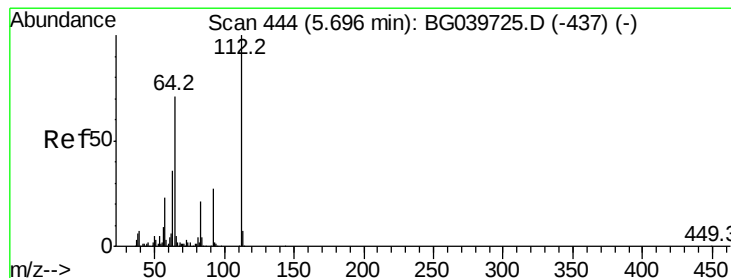
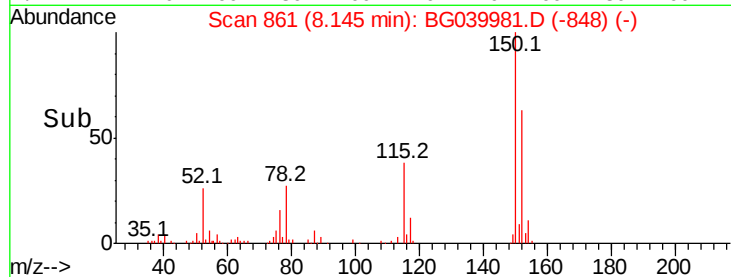
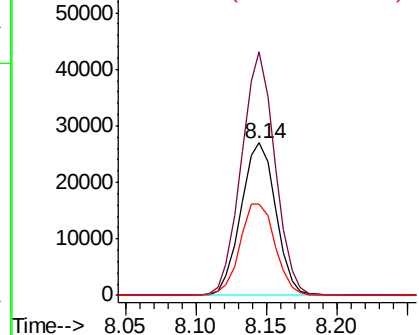


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

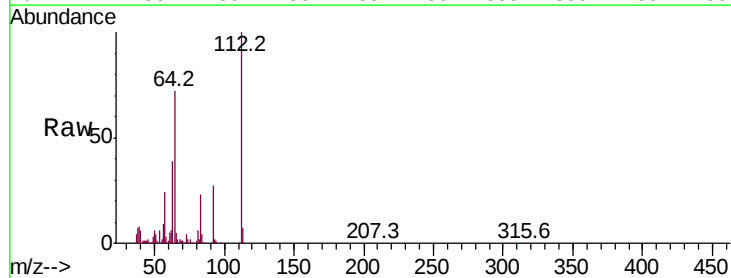
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 68.950 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039981.D
Acq: 18 Mar 2019 22:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.8	86.8
63	39.2	29.8	44.6

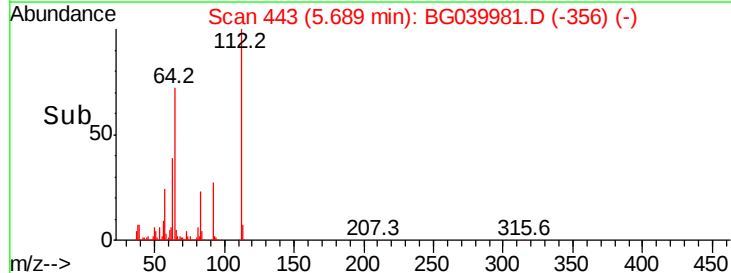
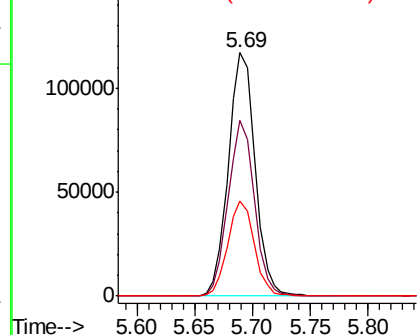


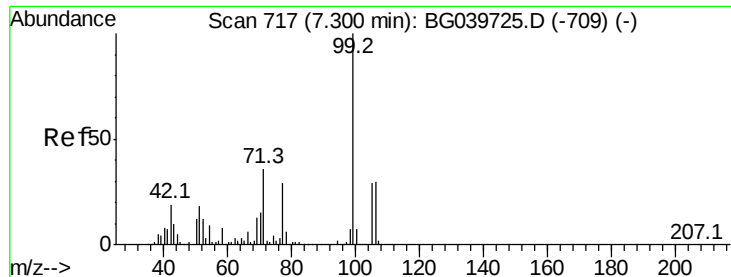
Abundance

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: 42.194 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039981.D

Acq: 18 Mar 2019 22:33

Instrument :

BNA_G

ClientSampleId :

TW-6

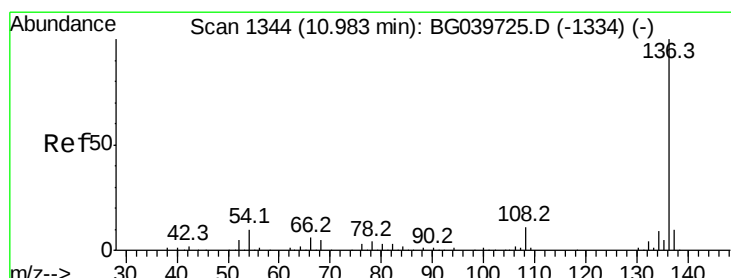
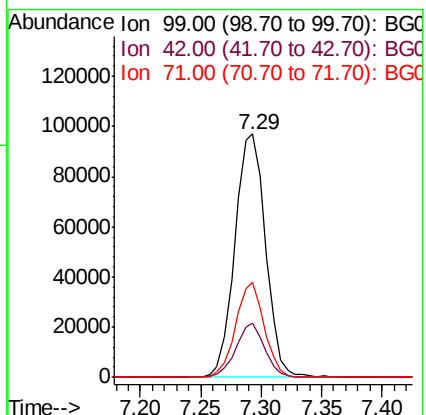
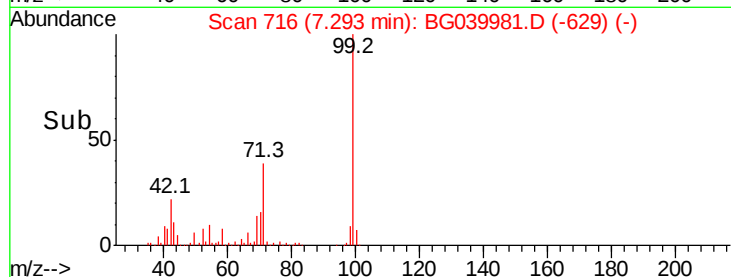
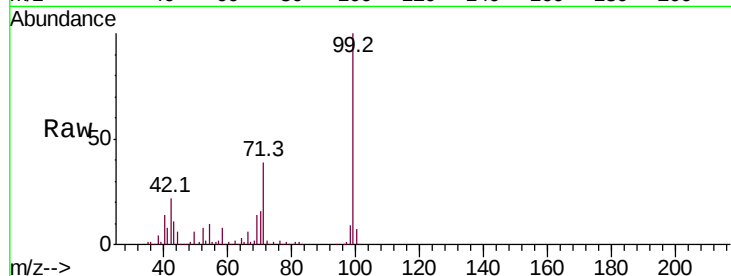
Tot Ion: 99 Resp: 171842

Ion Ratio Lower Upper

99 100

42 22.1 18.2 27.2

71 39.1 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BG039981.D

Acq: 18 Mar 2019 22:33

Tgt Ion: 136 Resp: 189379

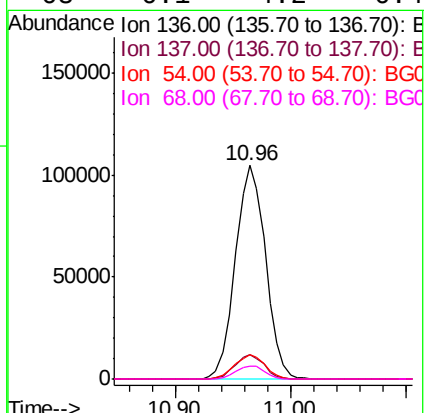
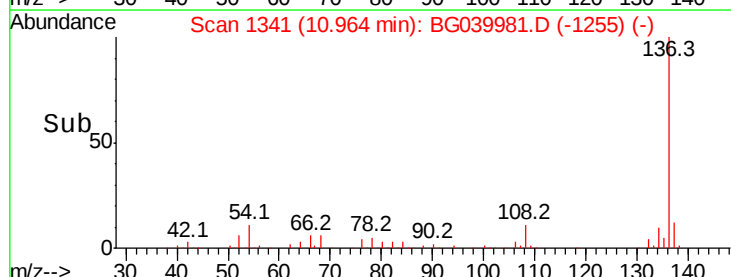
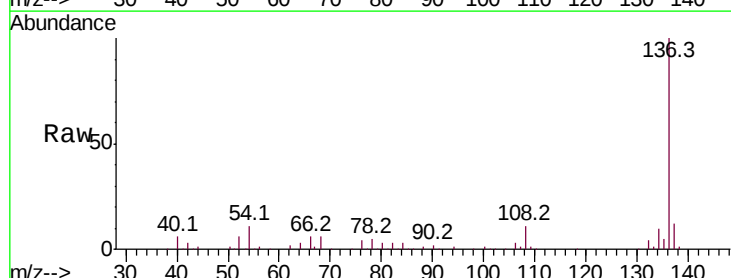
Ion Ratio Lower Upper

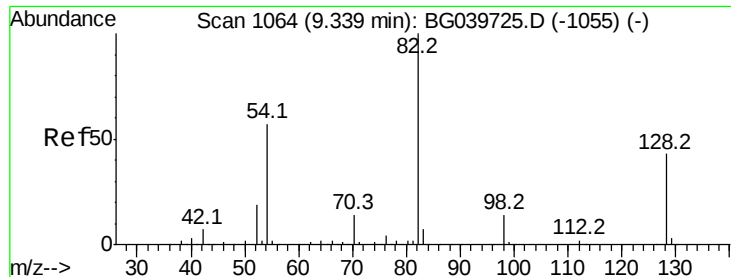
136 100

137 11.6 9.1 13.7

54 11.2 9.4 14.2

68 6.1 4.2 6.4

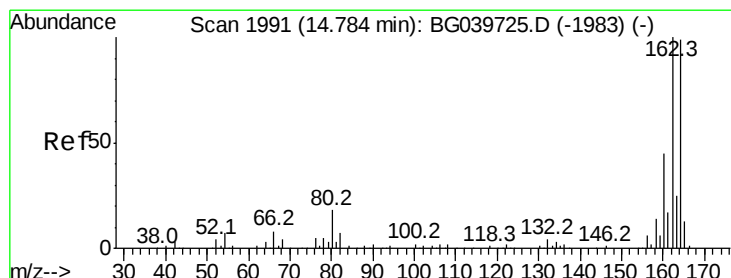
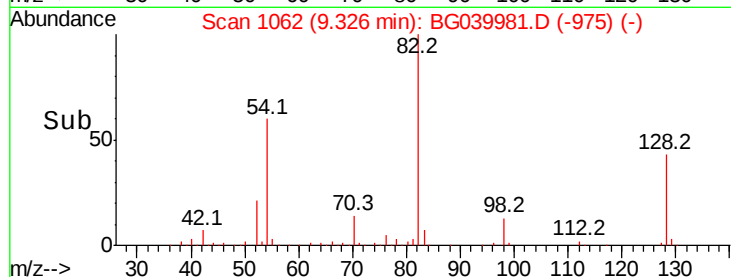
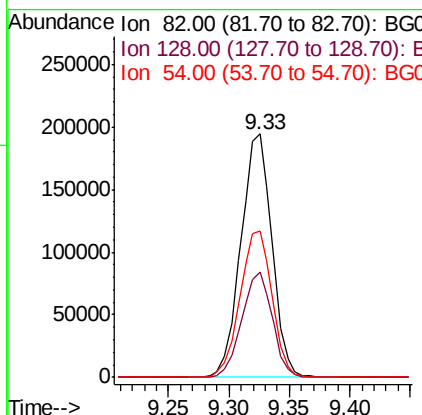
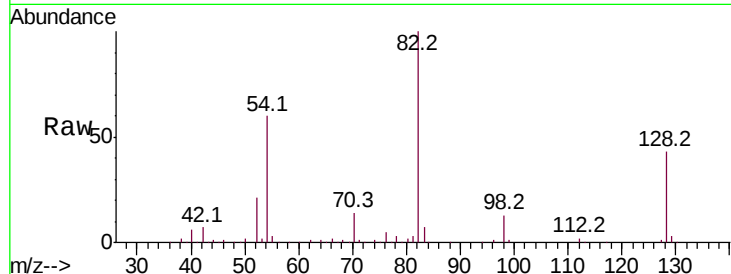




#23
Nitrobenzene-d5
Concen: 99.660 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039981.D
Acq: 18 Mar 2019 22:33

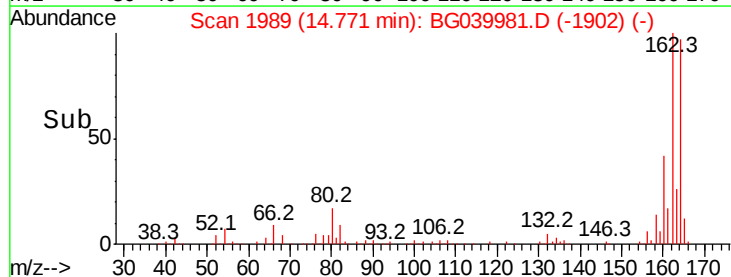
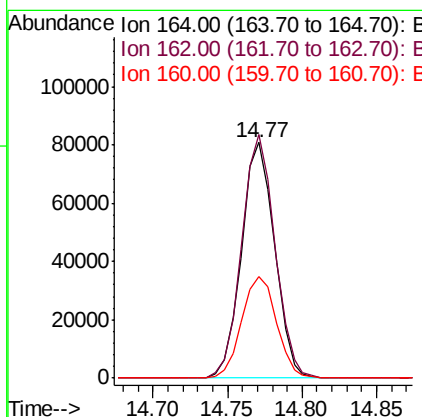
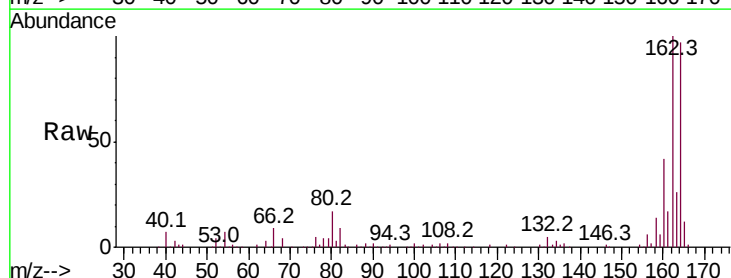
Instrument :
BNA_G
ClientSampleId :
TW-6

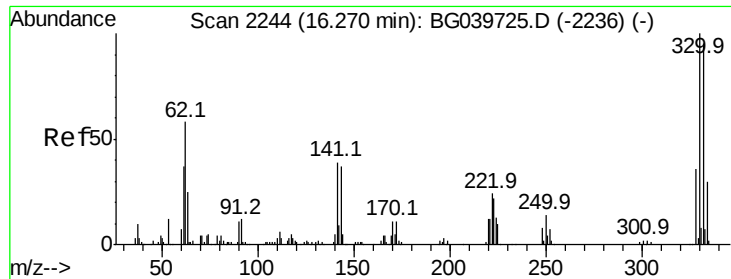
Tot Ion	82.00	Resp	348967
Ion Ratio	Lower	Upper	
82	100		
128	43.4	31.3	46.9
54	60.0	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039981.D
Acq: 18 Mar 2019 22:33

Tgt Ion	164	Resp	123736
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.6	122.4
160	43.2	34.2	51.2

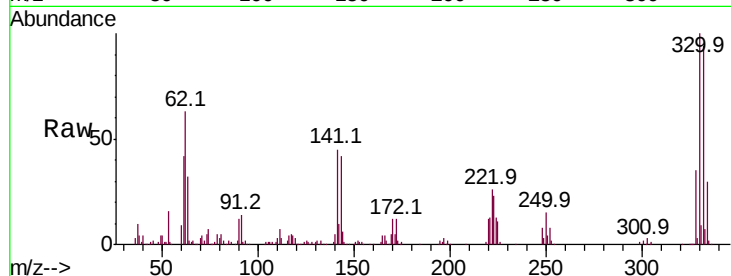




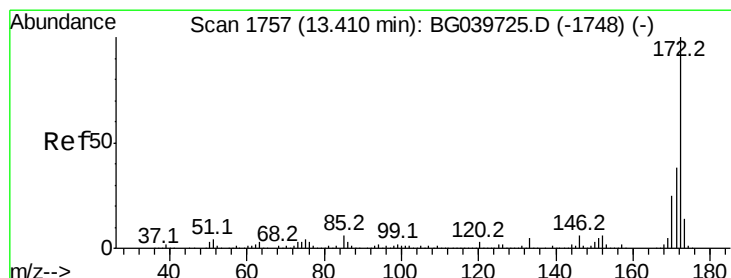
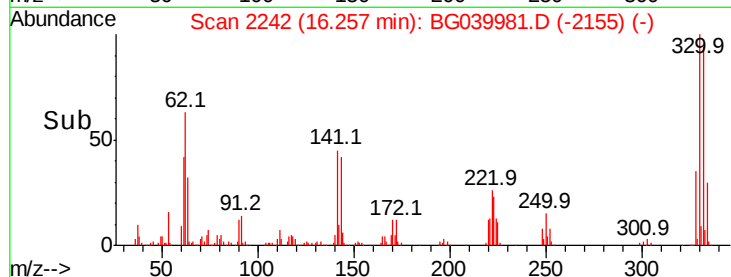
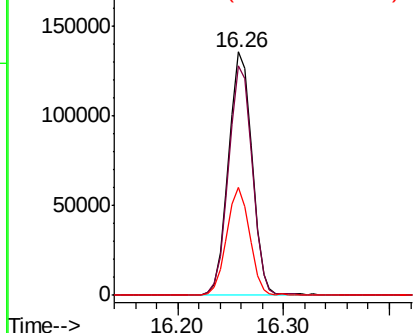
#42
 2,4,6-Tribromophenol
 Concen: 144.802 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039981.D
 Acq: 18 Mar 2019 22:33

Instrument :
 BNA_G
 ClientSampleId :
 TW-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	43.8	35.6	53.4

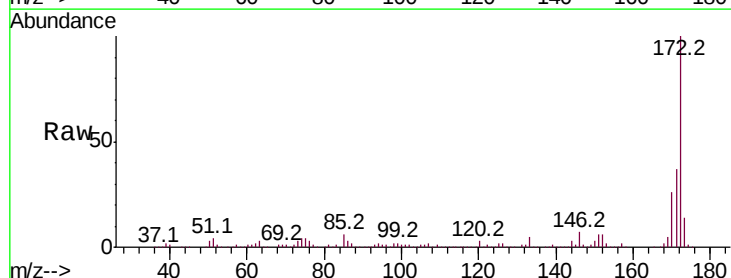


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

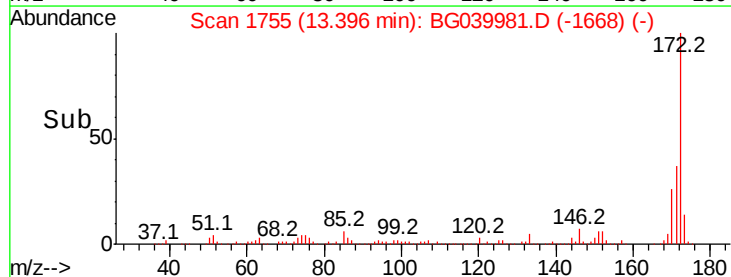
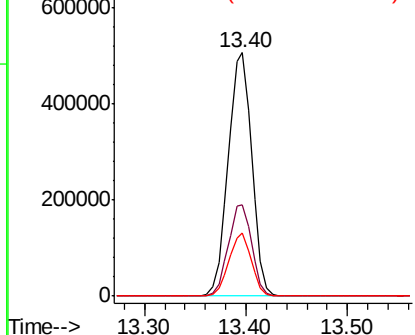


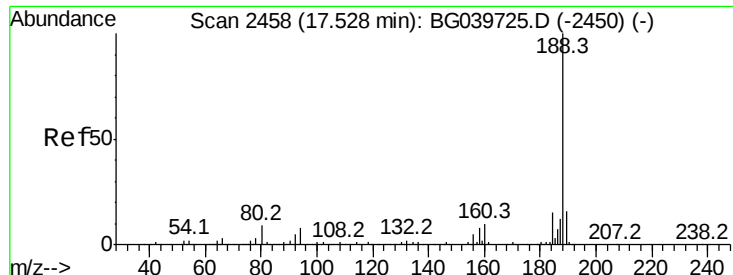
#45
 2-Fluorobiphenyl
 Concen: 93.851 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039981.D
 Acq: 18 Mar 2019 22:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	25.7	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

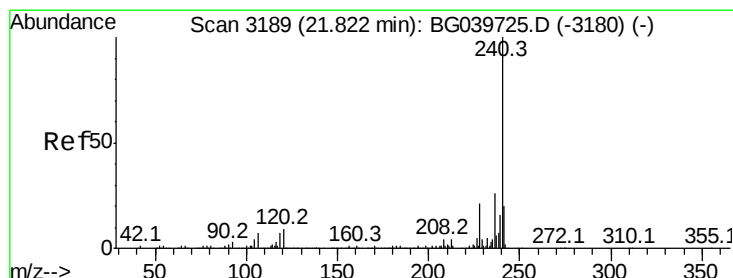
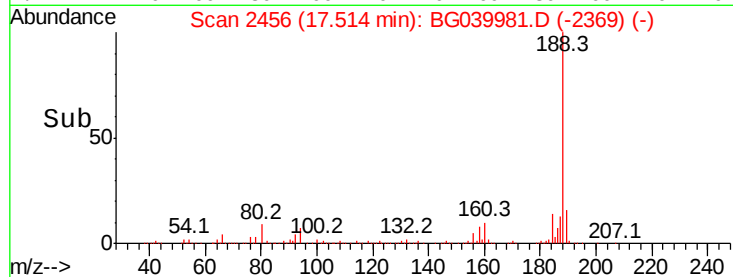
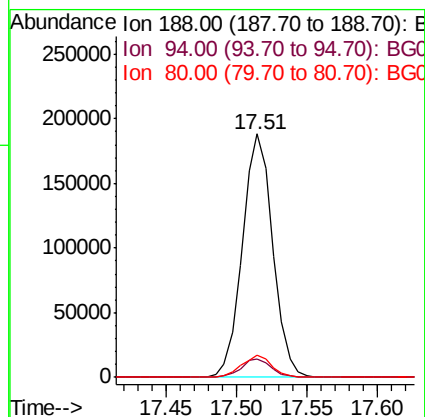
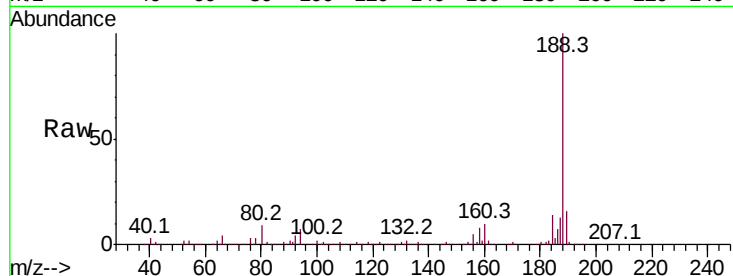




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039981.D
Acq: 18 Mar 2019 22:33

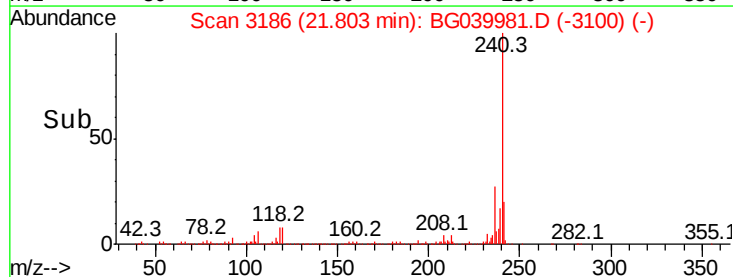
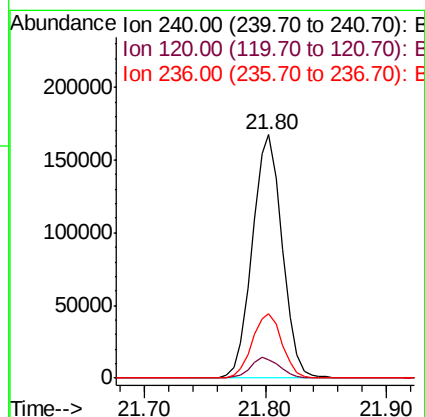
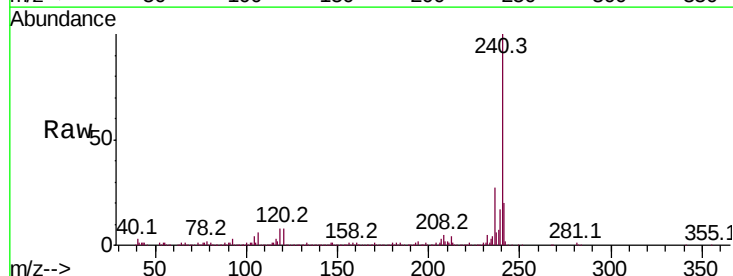
Instrument :
BNA_G
ClientSampleId :
TW-6

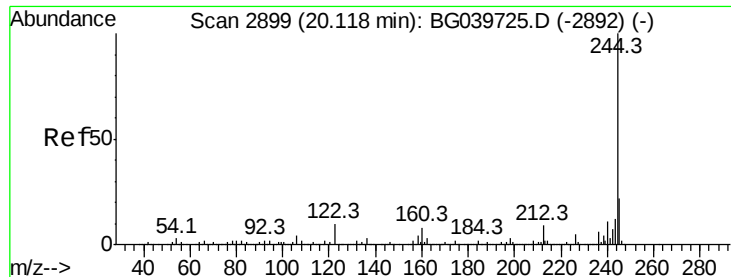
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	9.3	8.1	12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039981.D
Acq: 18 Mar 2019 22:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.0	10.6
236	26.7	21.0	31.4





#79

Terphenyl-d14

Concen: 90.599 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039981.D

Acq: 18 Mar 2019 22:33

Instrument :

BNA_G

ClientSampleId :

TW-6

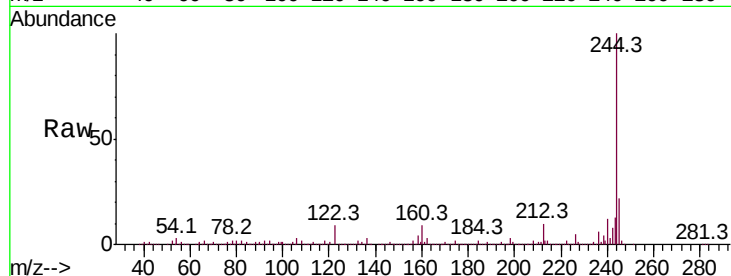
Tot Ion:244 Resp: 1191360

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

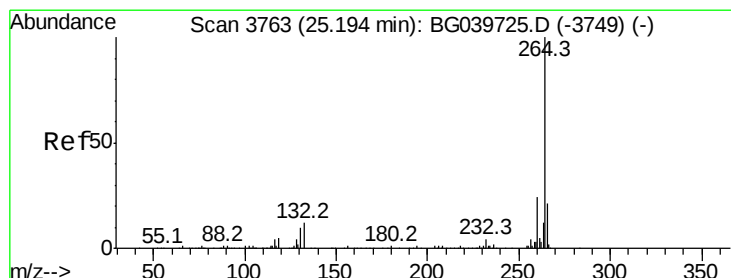
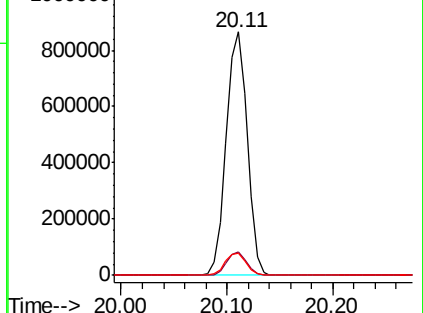
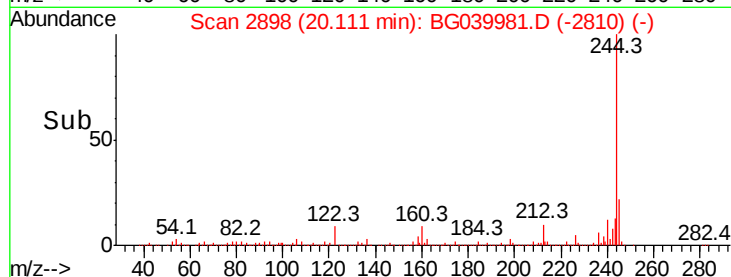
122 9.2 8.4 12.6



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: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039981.D

Acq: 18 Mar 2019 22:33

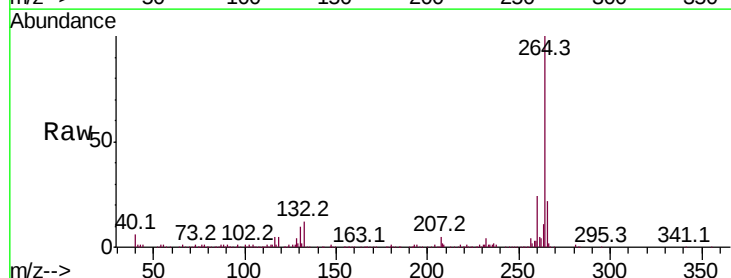
Tgt Ion:264 Resp: 293075

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 22.2 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

