

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
 Data File : BG040313.D
 Acq On : 3 Apr 2019 2:02
 Operator : JU/SJ
 Sample : K2182-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8A(2-10)COMP

Quant Time: Apr 03 03:50:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56166	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	232213	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	161998	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	407573	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	414771	20.00	ng	-0.02
87) Perylene-d12	25.01	264	411035	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	412264	122.02	ng	-0.01
7) Phenol-d6	7.21	99	533473	114.25	ng	-0.02
23) Nitrobenzene-d5	9.23	82	390638	89.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	196360	112.16	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	927293	84.82	ng	-0.02
79) Terphenyl-d14	20.03	244	1592616	86.38	ng	-0.02

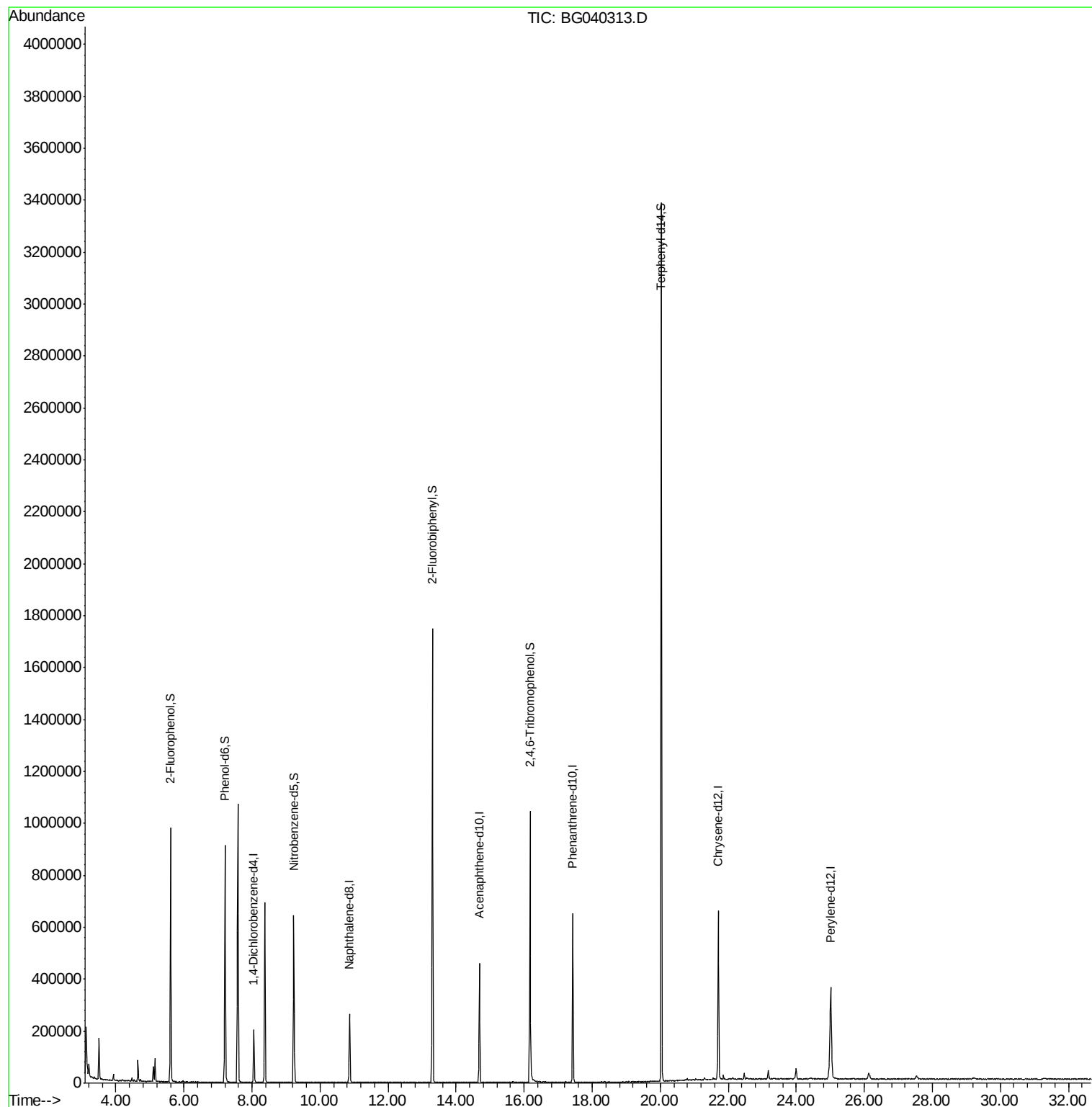
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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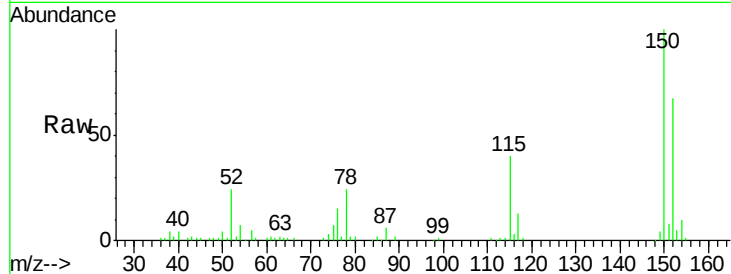


#1

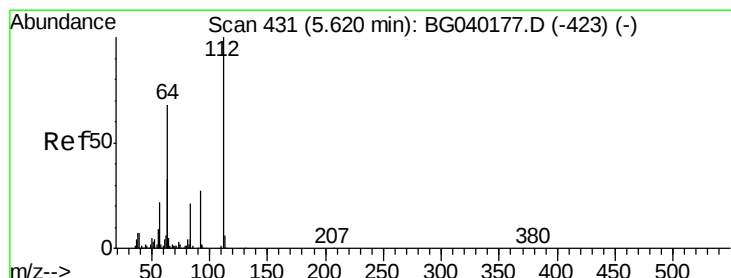
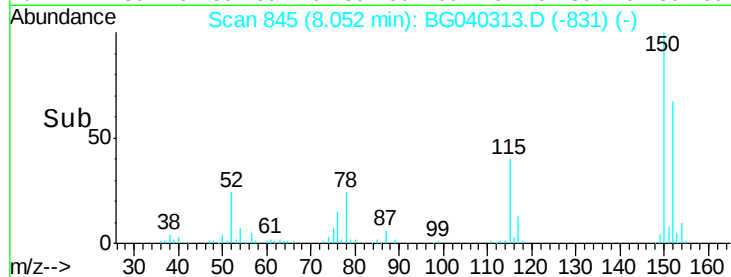
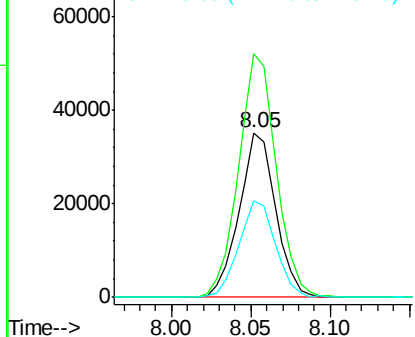
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040313.D
Acq: 3 Apr 2019 2:02

Instrument :
BNA_G
ClientSampleId :
S8A(2-10)COMP

Tgt Ion:152 Resp: 56166
Ion Ratio Lower Upper
152 100
150 148.2 123.7 185.5
115 58.8 46.9 70.3



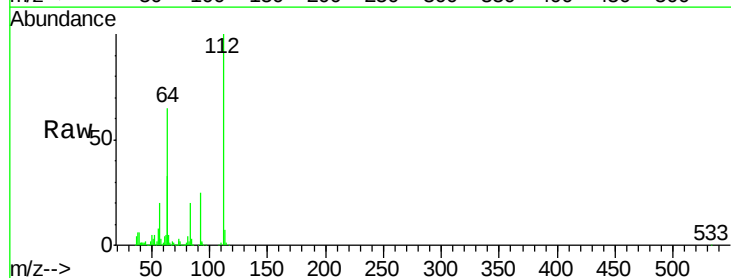
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



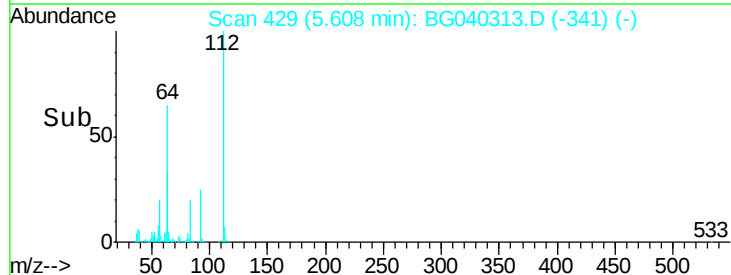
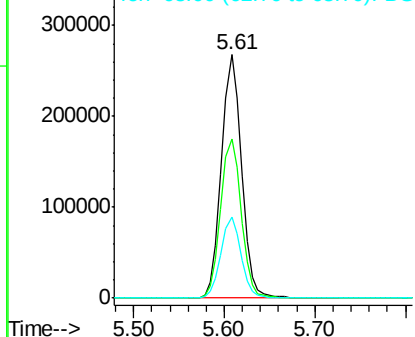
#5

2-Fluorophenol
Concen: 122.023 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040313.D
Acq: 3 Apr 2019 2:02

Tgt Ion:112 Resp: 412264
Ion Ratio Lower Upper
112 100
64 65.4 54.2 81.2
63 33.3 26.4 39.6



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: 114.252 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040313.D

Acq: 3 Apr 2019 2:02

Instrument :

BNA_G

ClientSampleId :

S8A(2-10)COMP

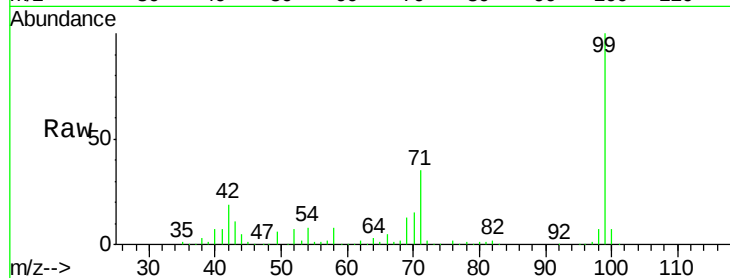
Tgt Ion: 99 Resp: 533473

Ion Ratio Lower Upper

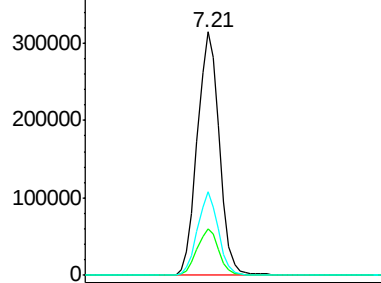
99 100

42 19.0 16.2 24.2

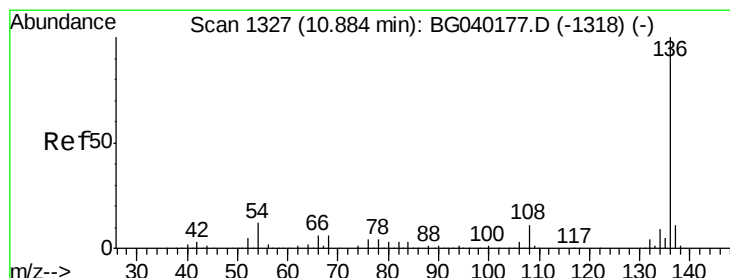
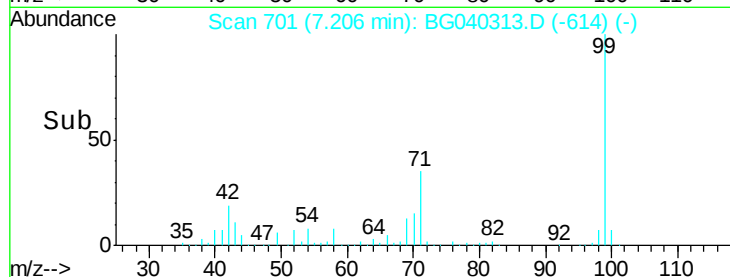
71 34.6 26.8 40.2



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040313.D

Acq: 3 Apr 2019 2:02

Tgt Ion: 136 Resp: 232213

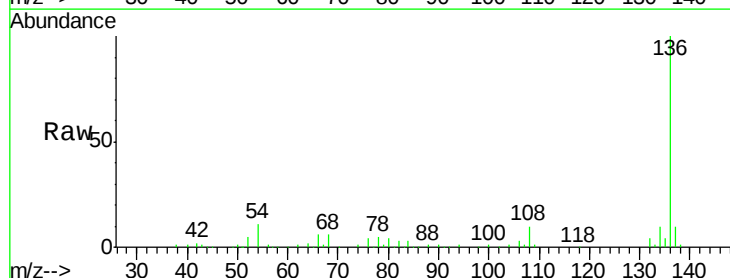
Ion Ratio Lower Upper

136 100

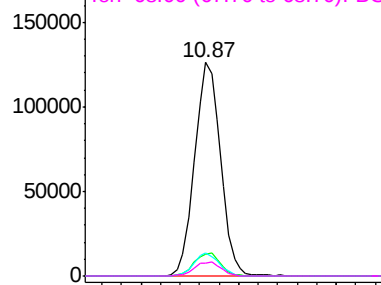
137 10.2 8.9 13.3

54 10.6 9.6 14.4

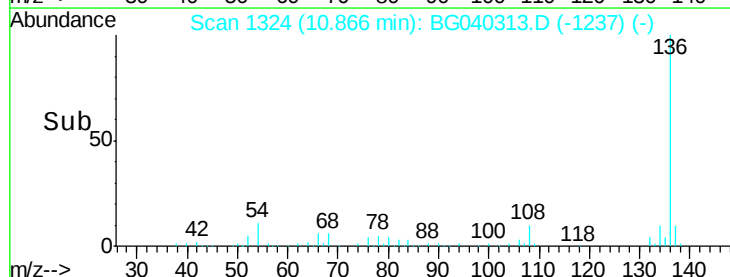
68 6.2 5.1 7.7

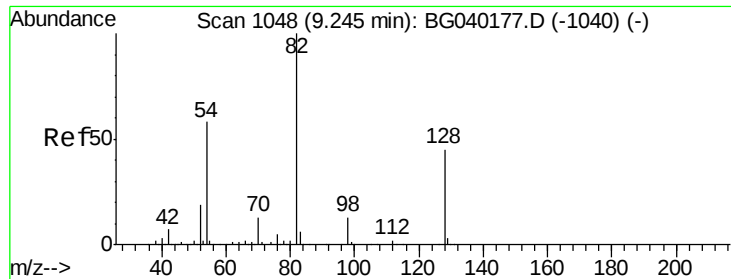


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

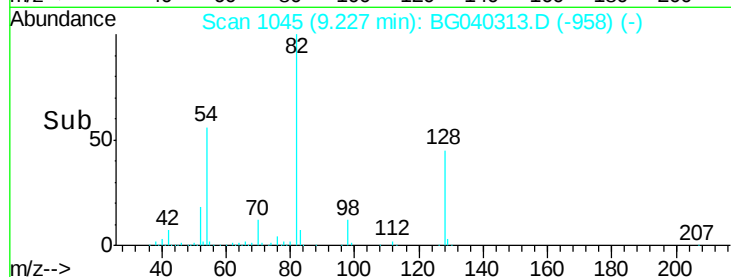
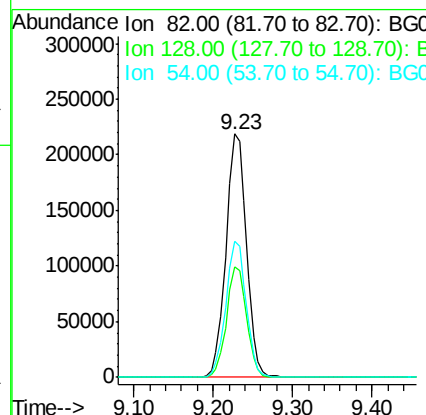
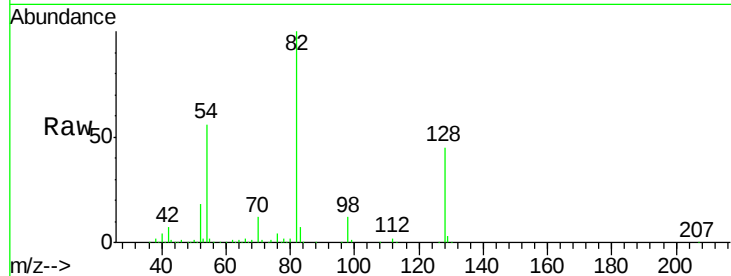




#23
Nitrobenzene-d5
Concen: 89.417 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040313.D
Acq: 3 Apr 2019 2:02

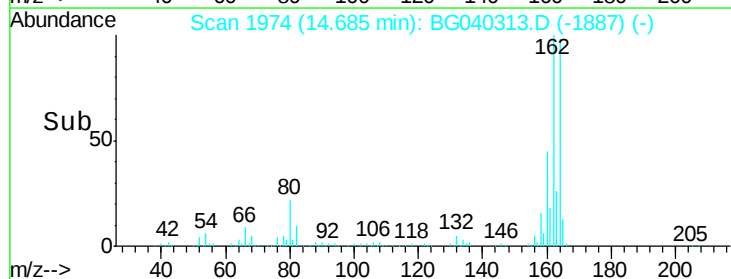
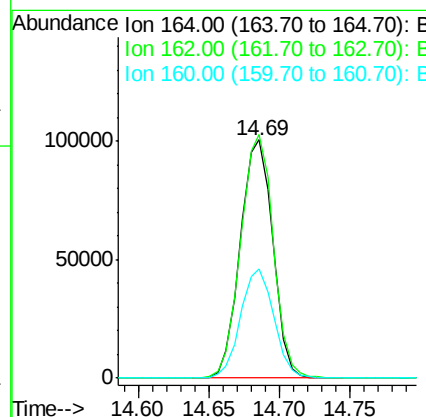
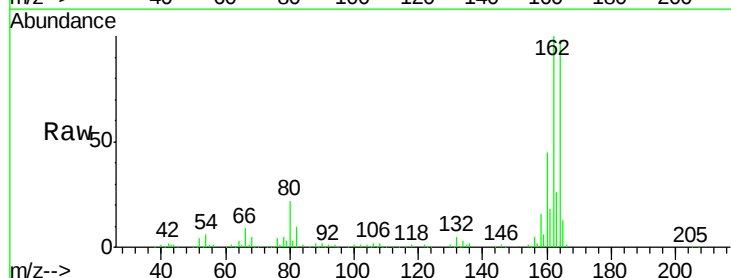
Instrument :
BNA_G
ClientSampleId :
S8A(2-10)COMP

Tgt Ion: 82 Resp: 390638
Ion Ratio Lower Upper
82 100
128 45.1 35.8 53.8
54 56.1 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040313.D
Acq: 3 Apr 2019 2:02

Tgt Ion: 164 Resp: 161998
Ion Ratio Lower Upper
164 100
162 102.4 77.4 116.2
160 46.1 35.3 52.9

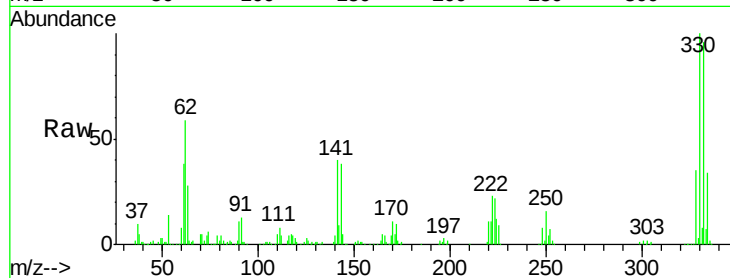




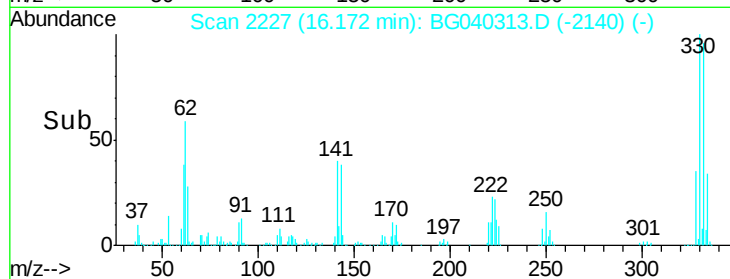
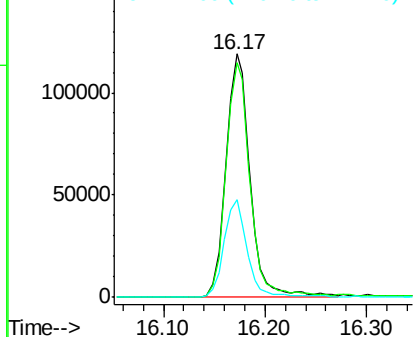
#42
 2,4,6-Tribromophenol
 Concen: 112.156 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040313.D
 Acq: 3 Apr 2019 2:02

Instrument :
 BNA_G
 ClientSampleId :
 S8A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	39.0	32.6	48.8

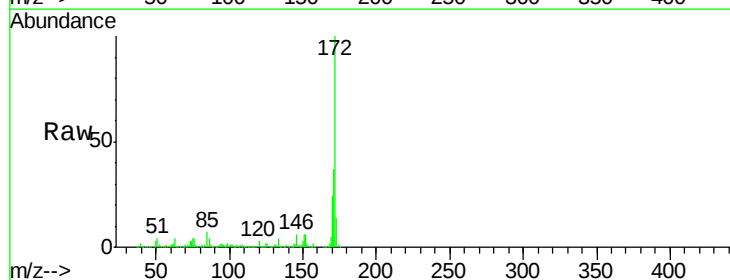


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

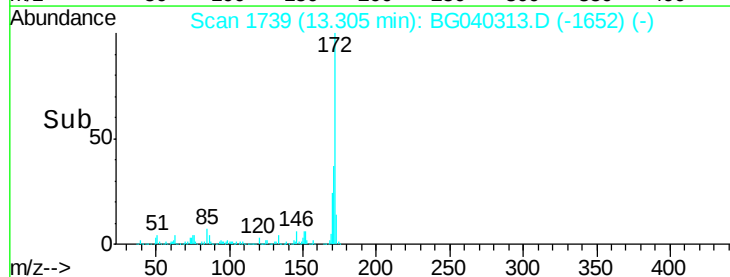
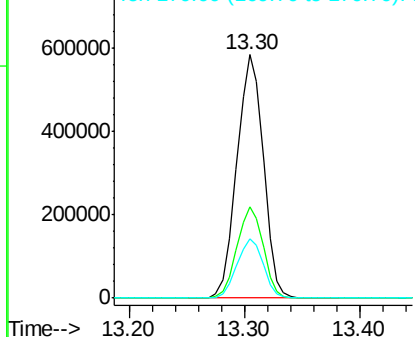


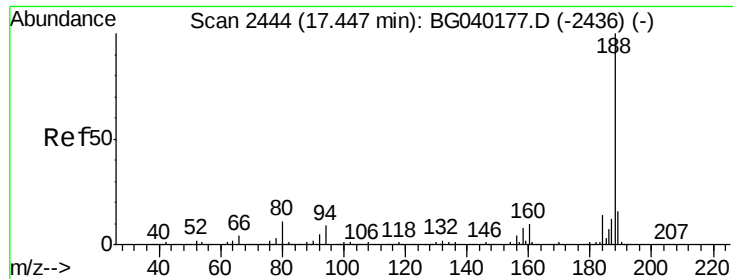
#45
 2-Fluorobiphenyl
 Concen: 84.818 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040313.D
 Acq: 3 Apr 2019 2:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.2	20.1	30.1



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

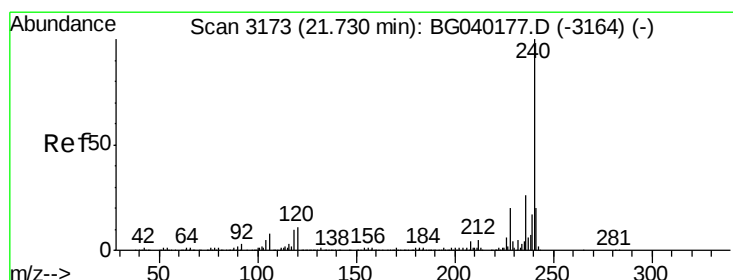
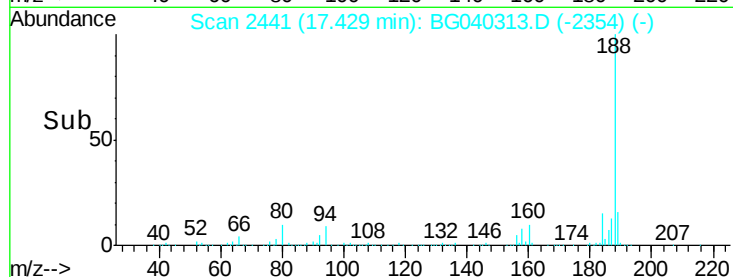
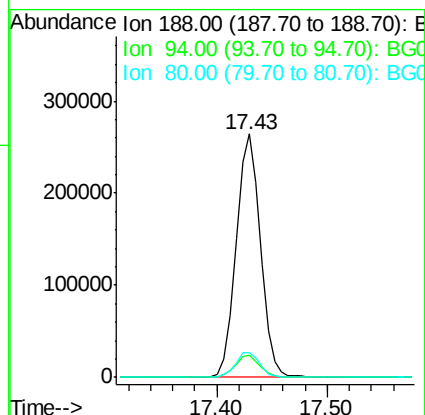
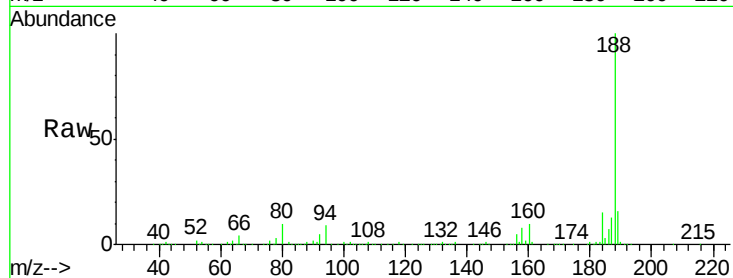




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040313.D
Acq: 3 Apr 2019 2:02

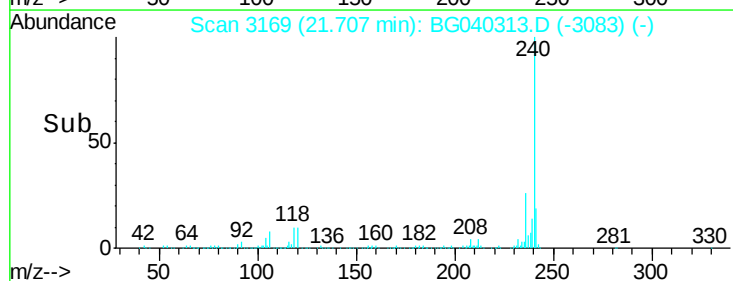
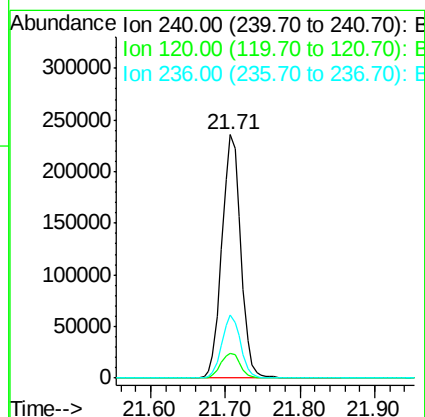
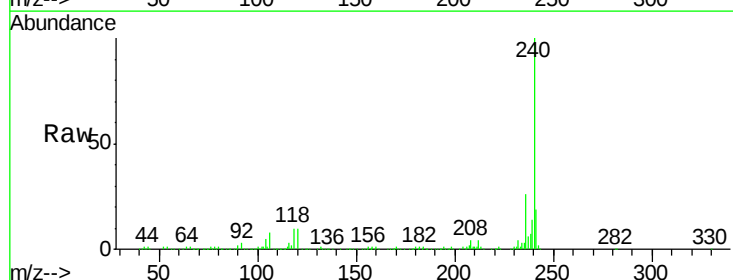
Instrument :
BNA_G
ClientSampleId :
S8A(2-10)COMP

Tgt Ion:188 Resp: 407573
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.9 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040313.D
Acq: 3 Apr 2019 2:02

Tgt Ion:240 Resp: 414771
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.0 20.8 31.2





#79

Terphenyl-d14

Concen: 86.381 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040313.D

Acq: 3 Apr 2019 2:02

Instrument :

BNA_G

ClientSampleId :

S8A(2-10)COMP

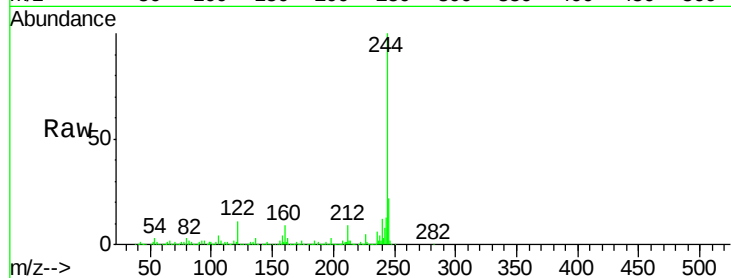
Tgt Ion:244 Resp: 1592616

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

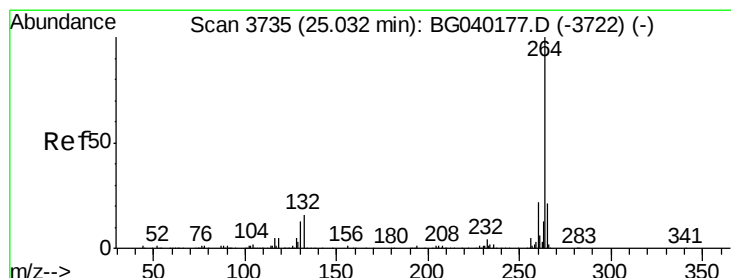
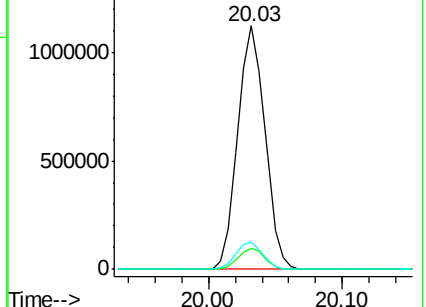
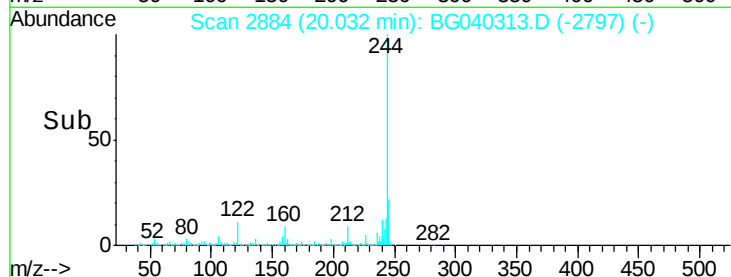
122 11.4 8.5 12.7



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: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040313.D

Acq: 3 Apr 2019 2:02

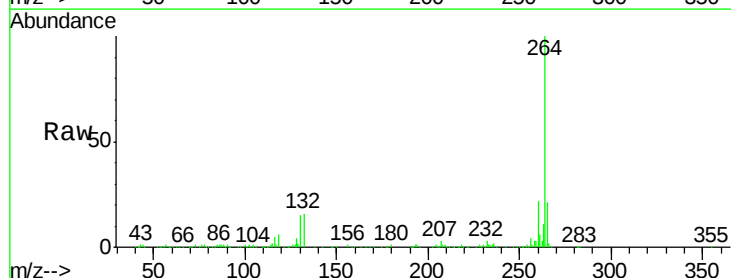
Tgt Ion:264 Resp: 411035

Ion Ratio Lower Upper

264 100

260 21.7 17.9 26.9

265 21.3 16.8 25.2



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

