

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040152.D
 Acq On : 26 Mar 2019 18:17
 Operator : JU/SJ
 Sample : K2081-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S3A(2-10)COMP

Quant Time: Mar 27 01:49:17 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	34920	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	142456	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	99596	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	252893	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	258229	20.00	ng	-0.03
87) Perylene-d12	25.15	264	245167	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	264677	129.31	ng	-0.02
7) Phenol-d6	7.28	99	337457	110.57	ng	-0.03
23) Nitrobenzene-d5	9.32	82	256829	97.51	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	158475	136.51	ng	-0.03
45) 2-Fluorobiphenyl	13.39	172	629235	89.96	ng	-0.03
79) Terphenyl-d14	20.10	244	1113897	94.98	ng	-0.02

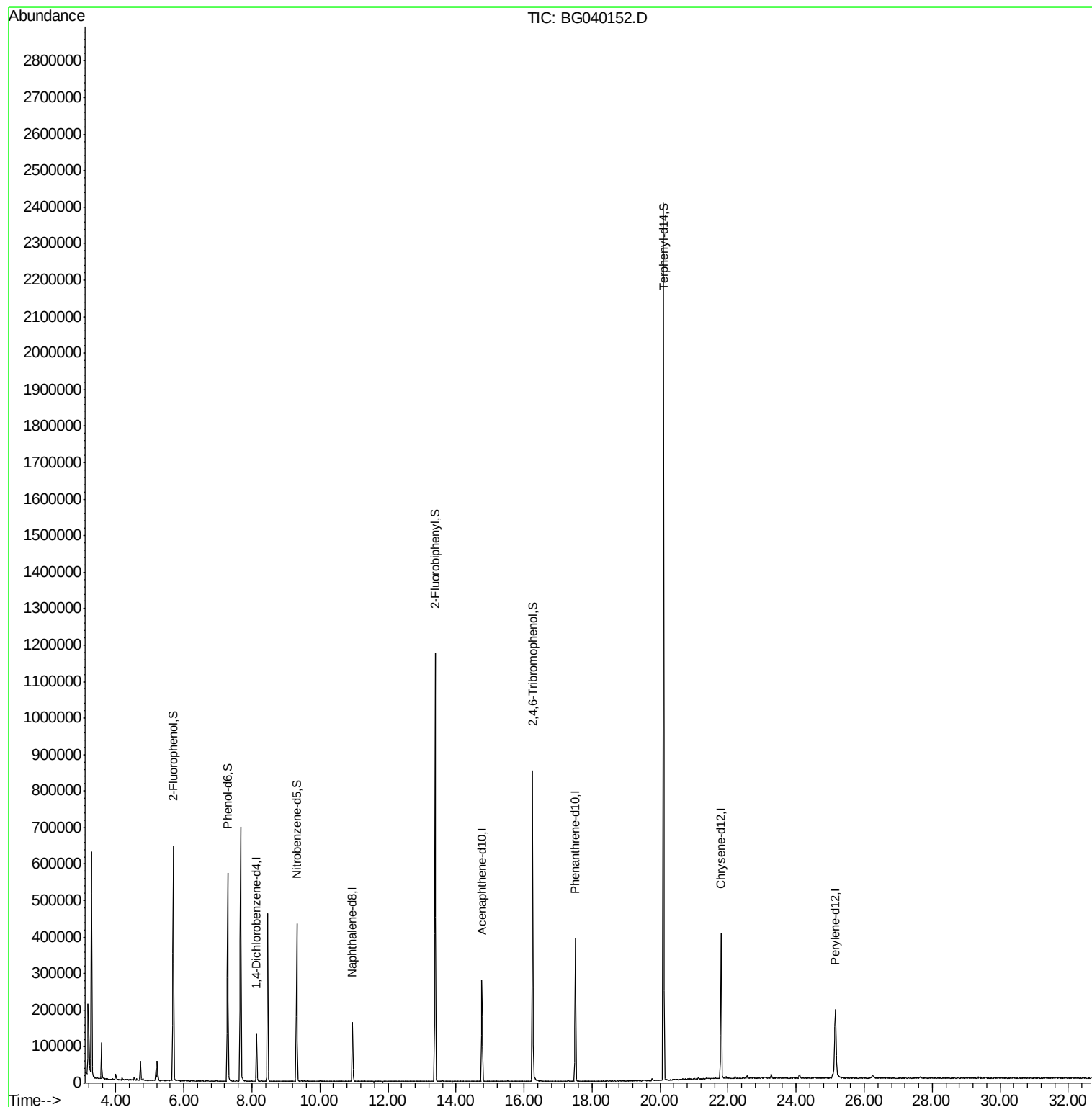
Target Compounds Qvalue

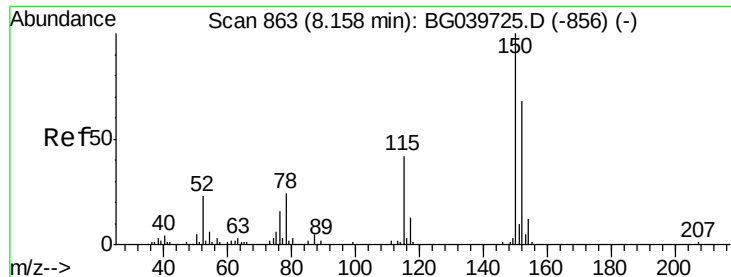
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 04 14:38:15 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: BG040152.D

Acq: 26 Mar 2019 18:17

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMP

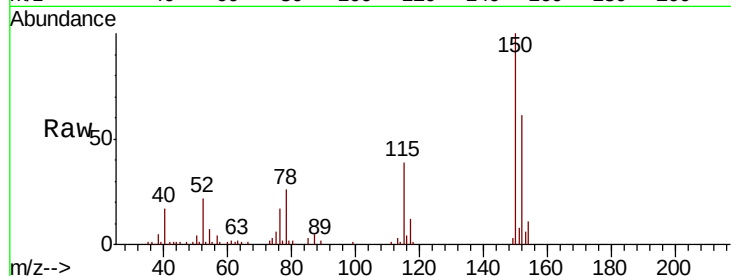
Tot Ion:152 Resp: 34920

Ion Ratio Lower Upper

152 100

150 165.1 123.7 185.5

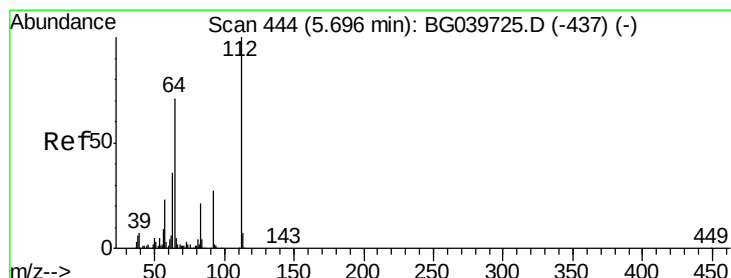
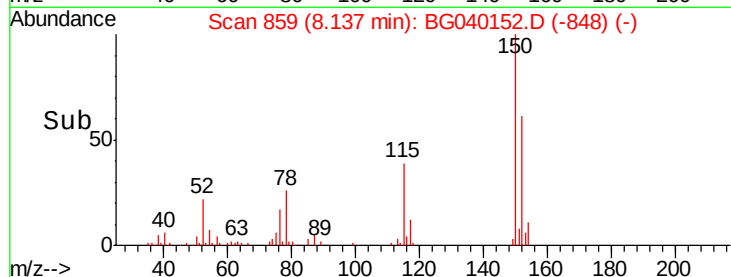
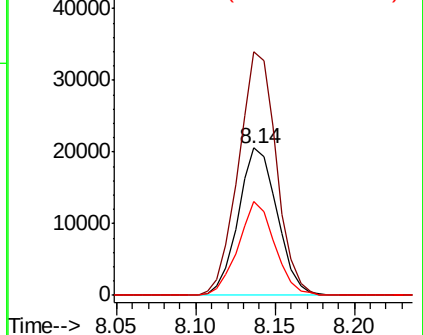
115 63.9 45.9 68.9



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: 129.307 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040152.D

Acq: 26 Mar 2019 18:17

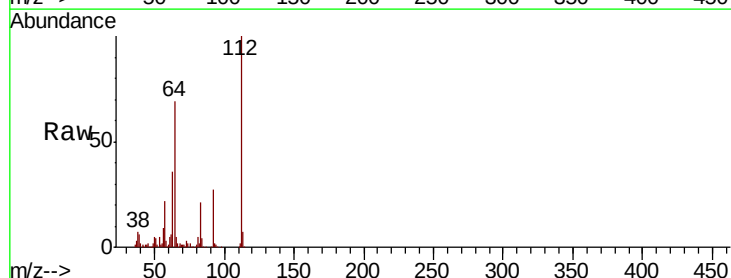
Tgt Ion:112 Resp: 264677

Ion Ratio Lower Upper

112 100

64 68.5 57.8 86.8

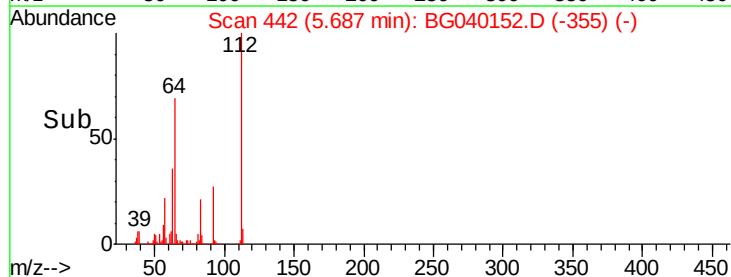
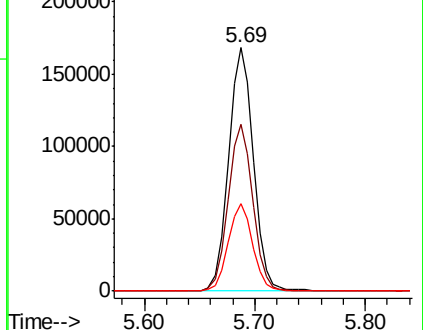
63 35.8 29.8 44.6

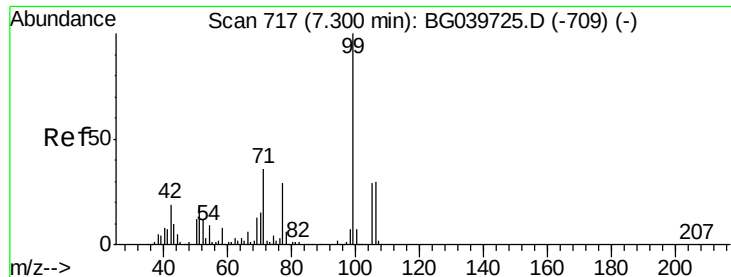


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 110.568 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040152.D

Acq: 26 Mar 2019 18:17

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMP

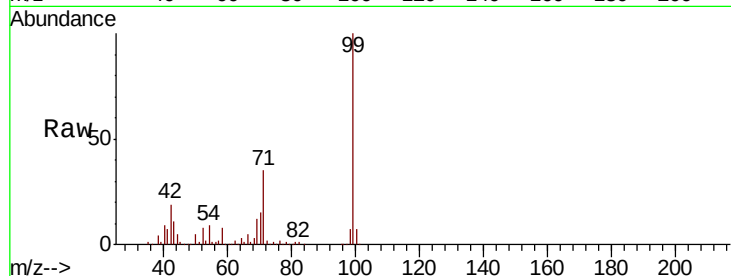
Tot Ion: 99 Resp: 337457

Ion Ratio Lower Upper

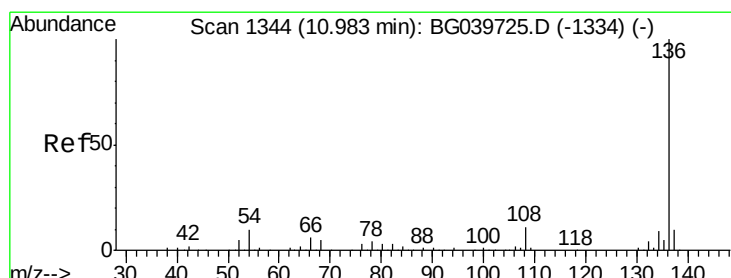
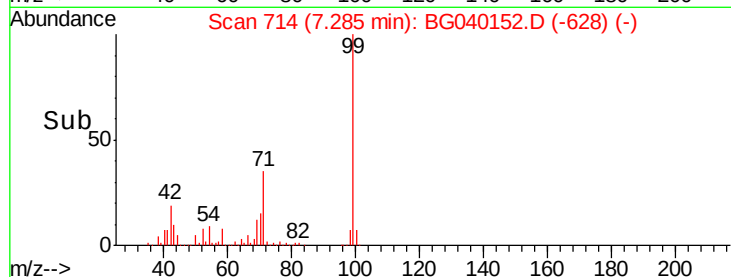
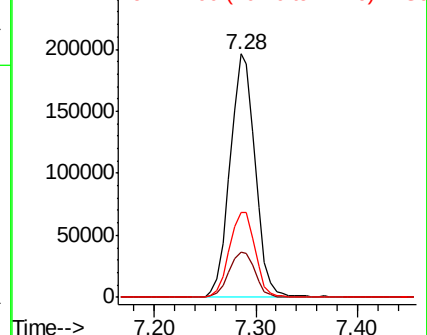
99 100

42 18.6 18.2 27.2

71 34.7 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: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040152.D

Acq: 26 Mar 2019 18:17

Tgt Ion: 136 Resp: 142456

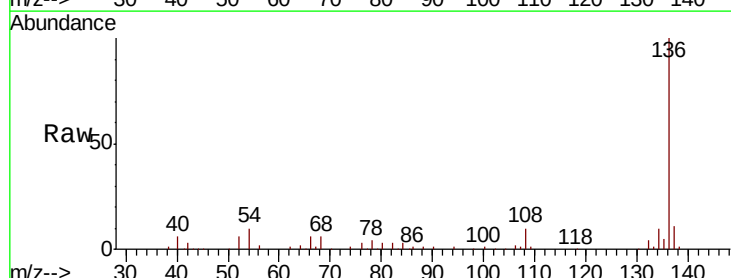
Ion Ratio Lower Upper

136 100

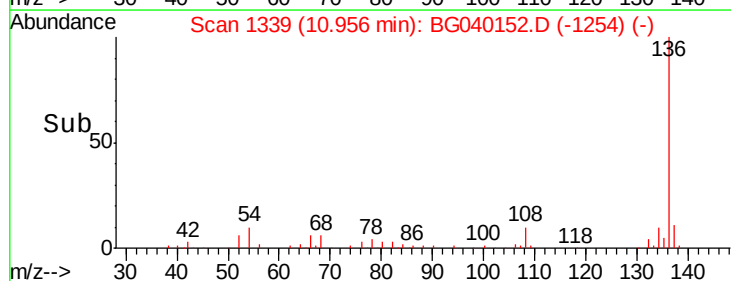
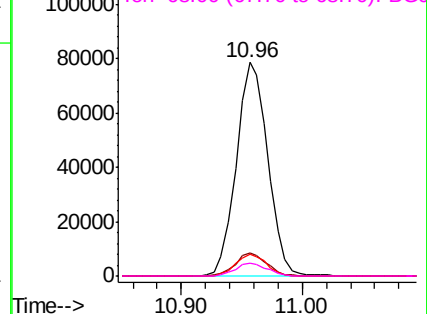
137 10.6 9.1 13.7

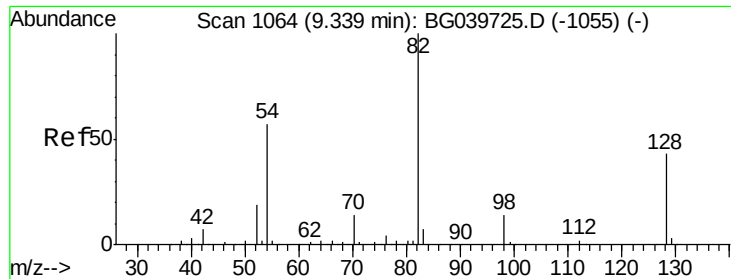
54 9.9 9.4 14.2

68 6.2 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

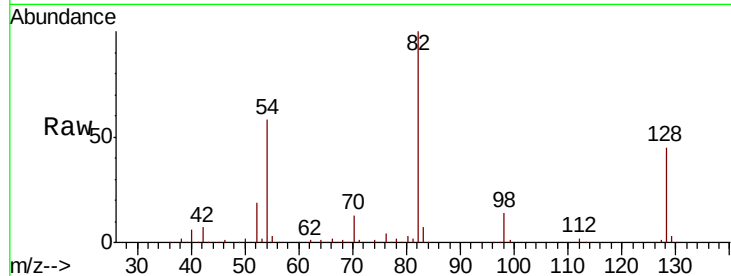




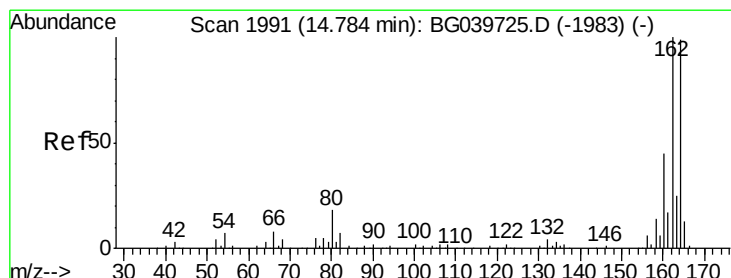
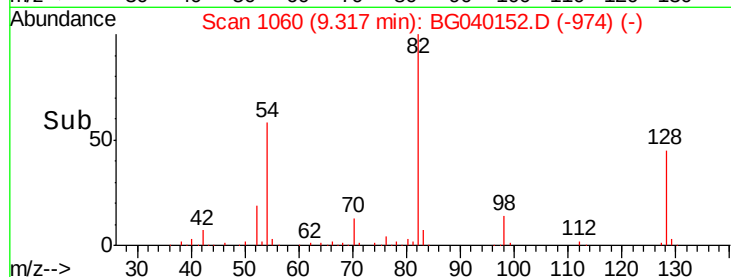
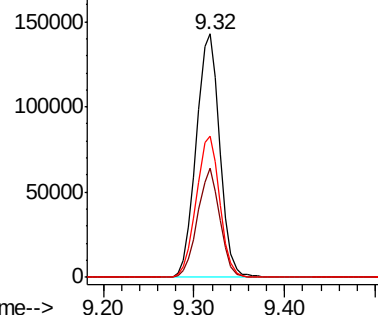
#23
Nitrobenzene-d5
Concen: 97.506 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMP

Tot Ion	82	Resp	256829
Ion Ratio	Lower	Upper	
82	100		
128	44.7	31.3	46.9
54	57.8	50.9	76.3

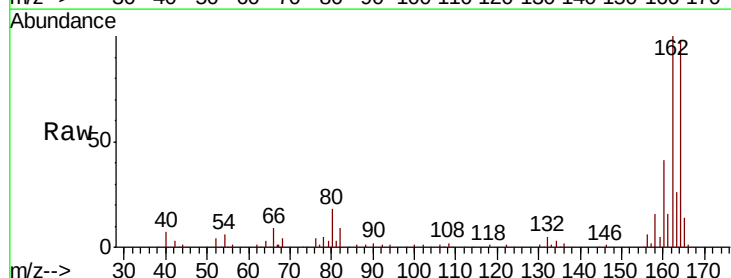


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

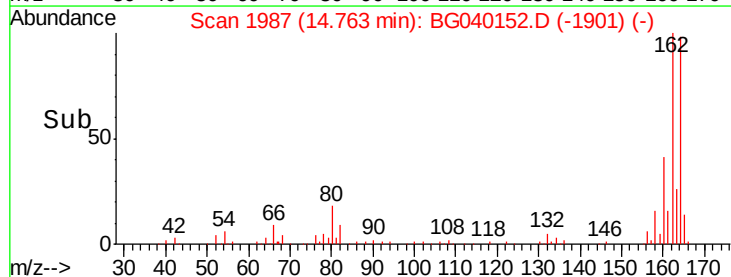
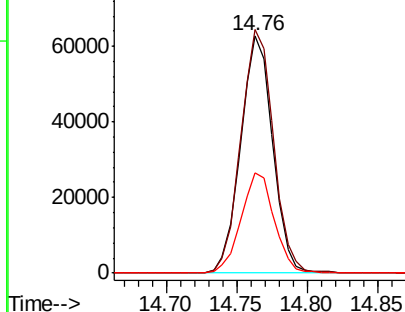


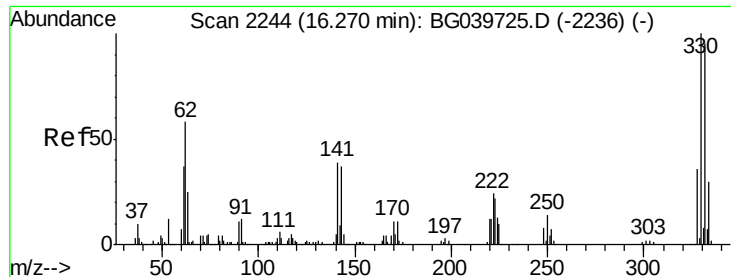
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Tgt Ion	164	Resp	99596
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.6	122.4
160	41.9	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: 136.515 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.03 min

Lab File: BG040152.D

Acq: 26 Mar 2019 18:17

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMP

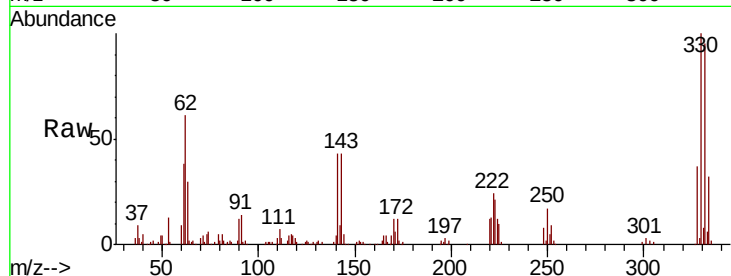
Tot Ion:330 Resp: 158475

Ion Ratio Lower Upper

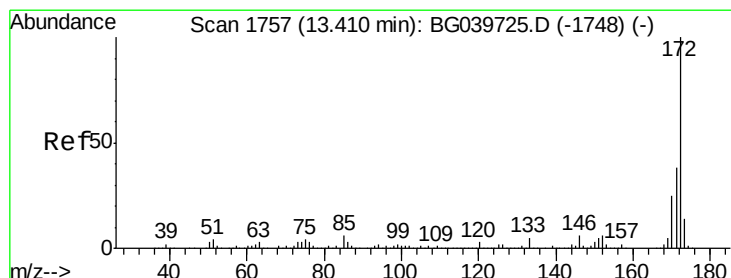
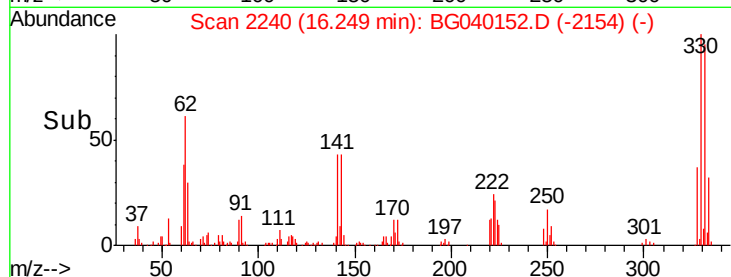
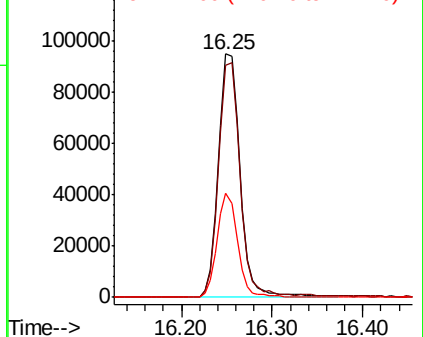
330 100

332 94.9 75.7 113.5

141 40.5 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: 89.956 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040152.D

Acq: 26 Mar 2019 18:17

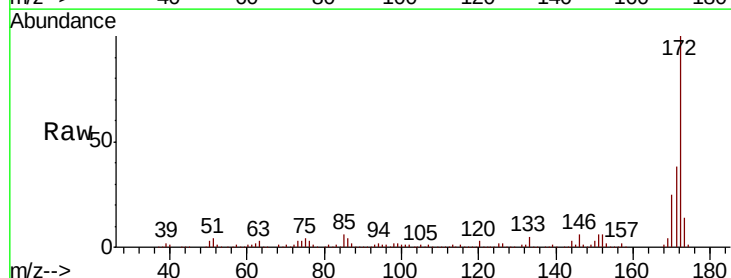
Tgt Ion:172 Resp: 629235

Ion Ratio Lower Upper

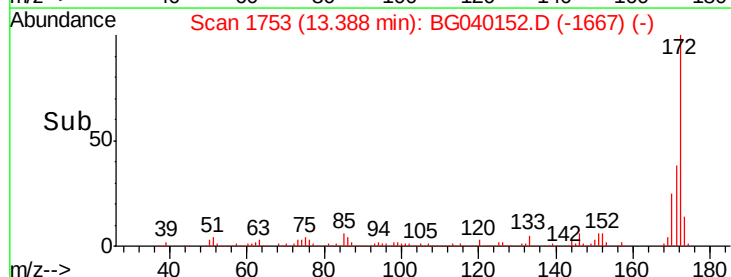
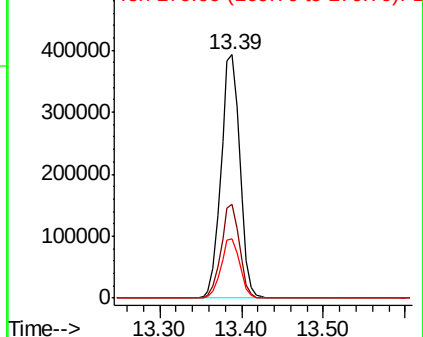
172 100

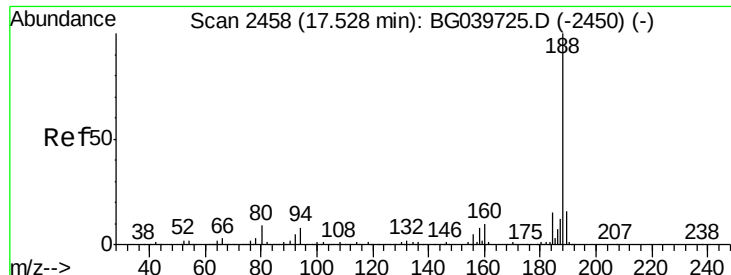
171 38.3 30.8 46.2

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

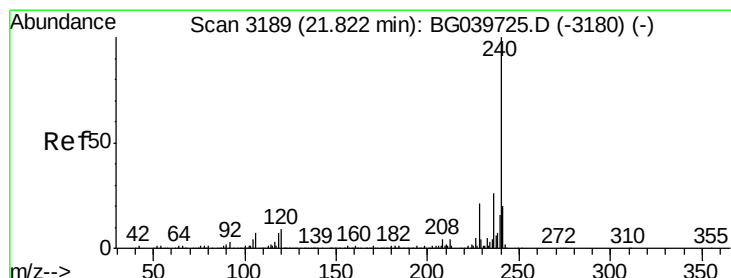
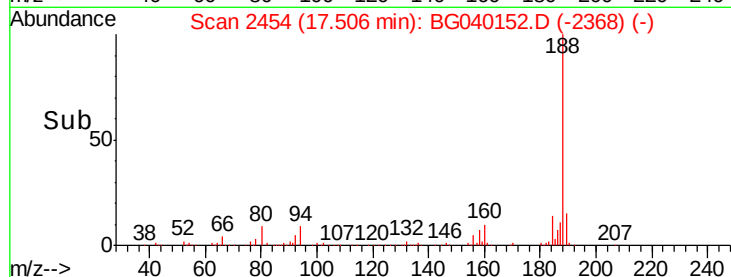
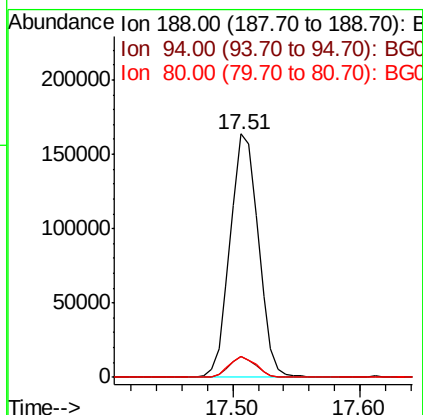
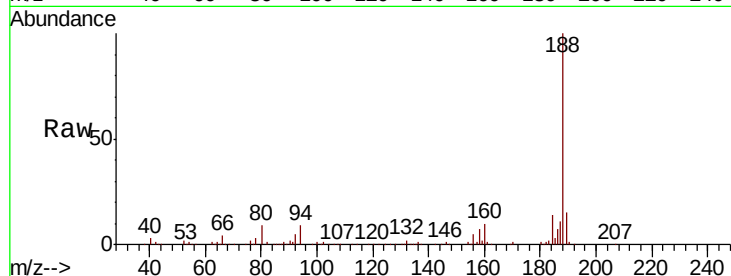




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

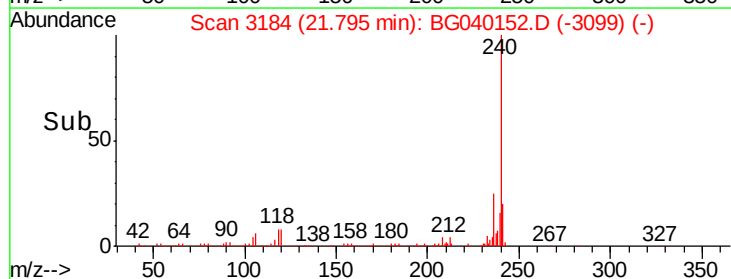
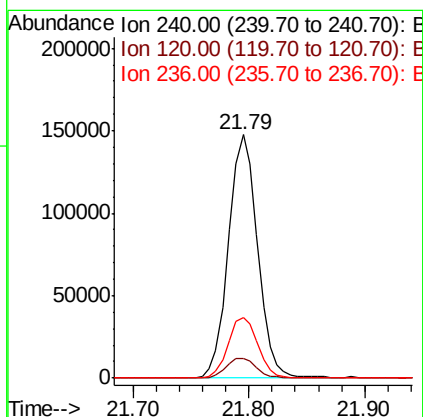
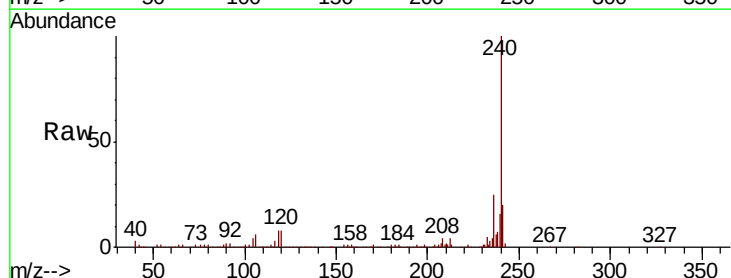
Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMP

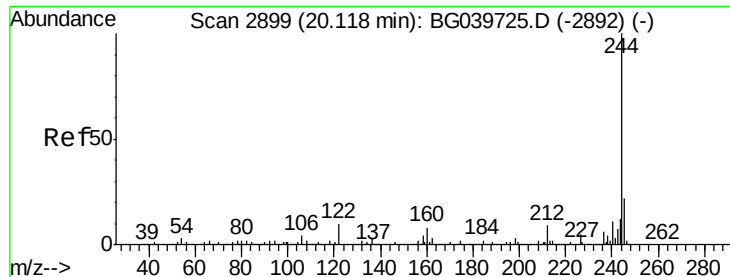
Tot Ion:188 Resp: 252893
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 8.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Tgt Ion:240 Resp: 258229
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 24.7 21.0 31.4





#79

Terphenyl-d14

Concen: 94.977 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040152.D

Acq: 26 Mar 2019 18:17

Instrument :

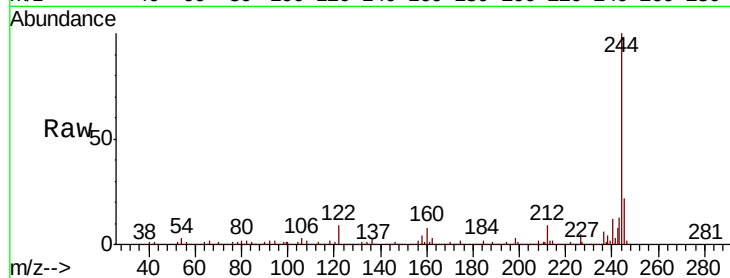
BNA_G

ClientSampleId :

S3A(2-10)COMP

Tot Ion:244 Resp: 1113897

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	9.1	8.4	12.6

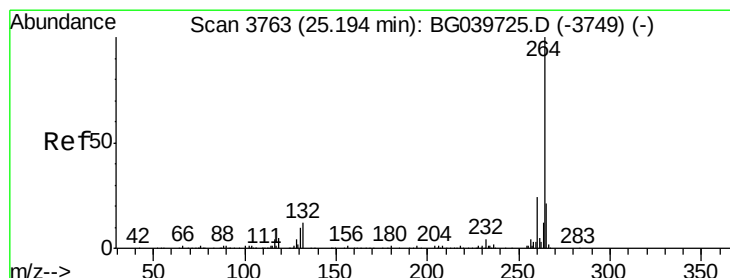
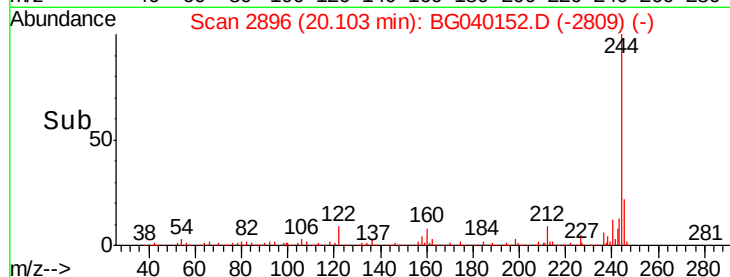
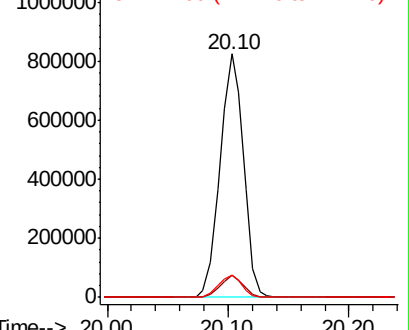


Abundance

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: 25.15 min Scan# 3755

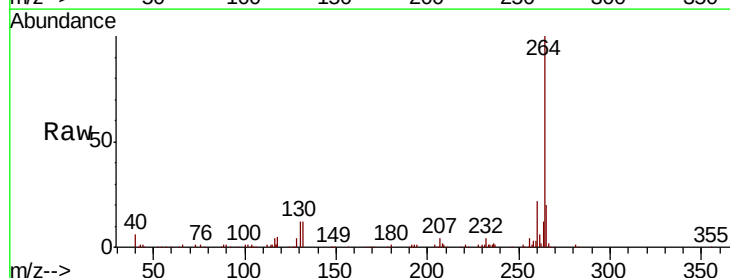
Delta R.T. -0.05 min

Lab File: BG040152.D

Acq: 26 Mar 2019 18:17

Tgt Ion:264 Resp: 245167

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	19.7	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

