

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040169.D
 Acq On : 27 Mar 2019 5:41
 Operator : JU/SJ
 Sample : K2081-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S3A(12-22)COMP

Quant Time: Mar 27 13:57:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 13:43:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42231	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	174048	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	116736	20.00	ng	0.00
64) Phenanthrene-d10	17.51	188	279871	20.00	ng	0.00
76) Chrysene-d12	21.79	240	281500	20.00	ng	0.00
87) Perylene-d12	25.15	264	262688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	323430	130.66	ng	0.00
7) Phenol-d6	7.29	99	416138	112.74	ng	0.00
23) Nitrobenzene-d5	9.32	82	316685	98.41	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	171524	126.06	ng	0.00
45) 2-Fluorobiphenyl	13.39	172	766465	93.49	ng	0.00
79) Terphenyl-d14	20.10	244	1208329	94.51	ng	0.00

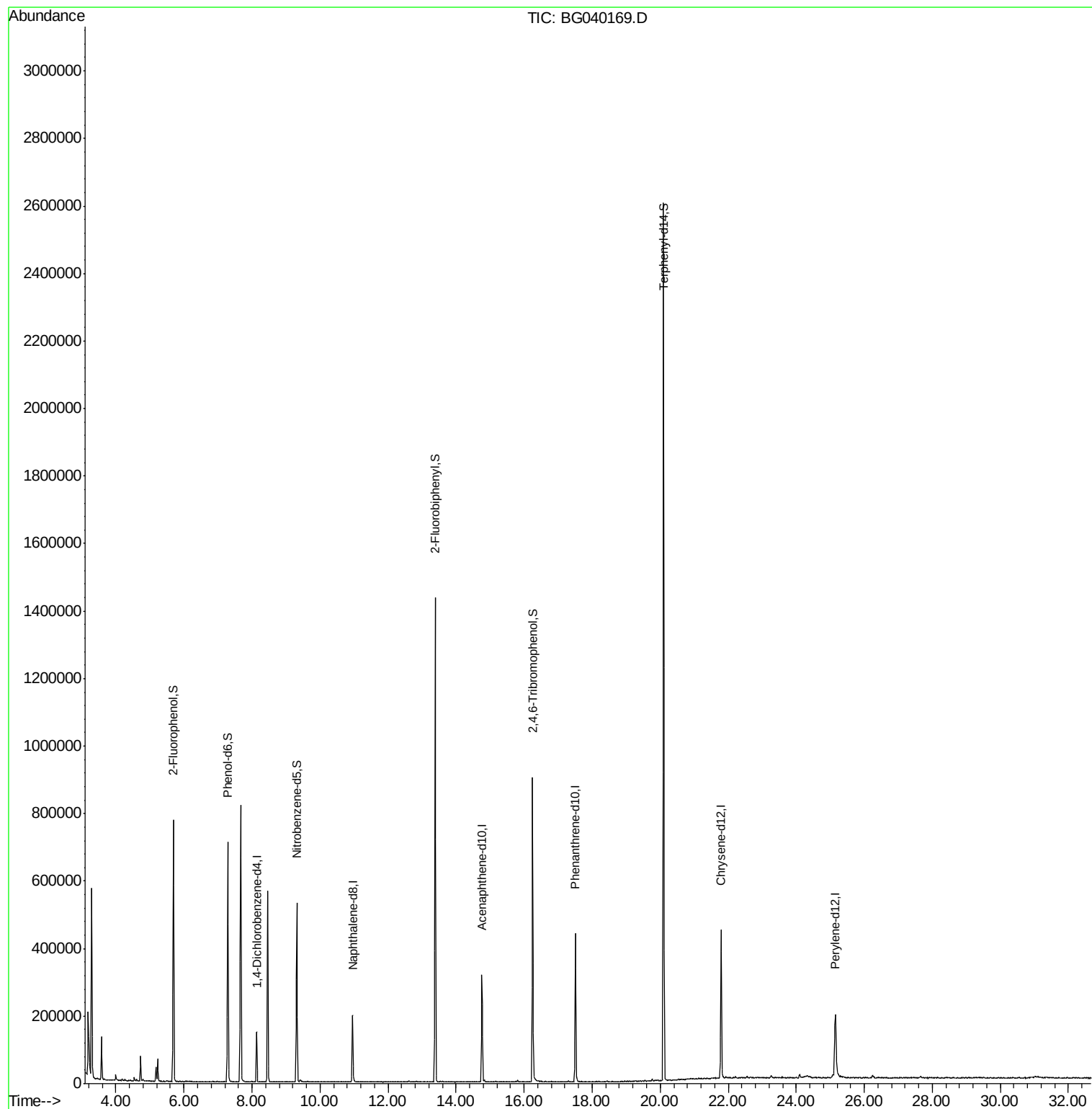
Target Compounds Qvalue

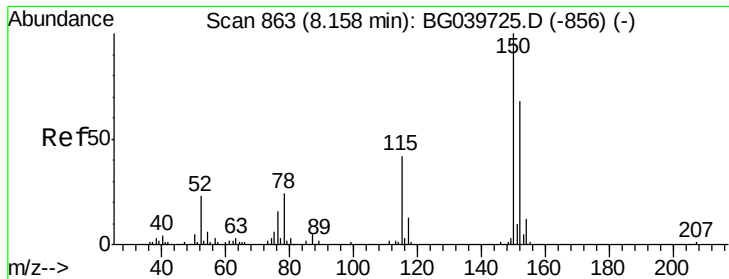
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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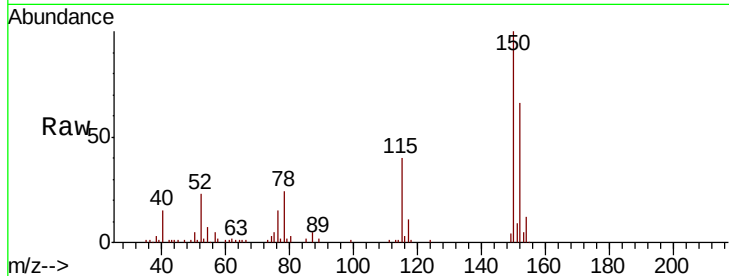


#1

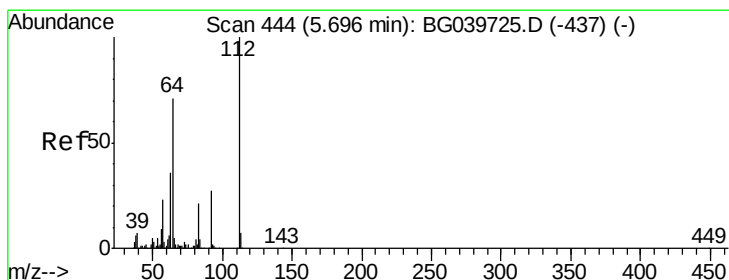
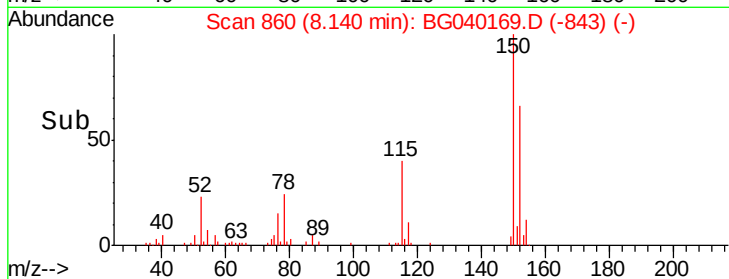
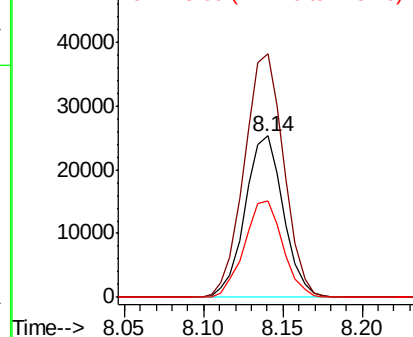
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG040169.D
Acq: 27 Mar 2019 5:41

Instrument :
BNA_G
ClientSampleId :
S3A(12-22)COMP

Tot Ion:152 Resp: 42231
Ion Ratio Lower Upper
152 100
150 151.0 115.2 172.8
115 60.1 47.0 70.6



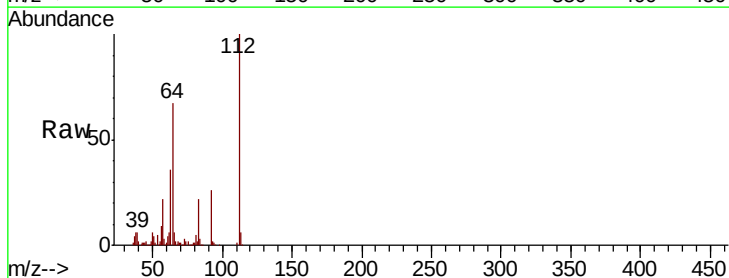
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



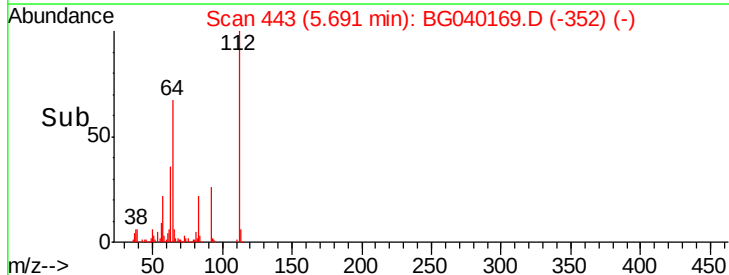
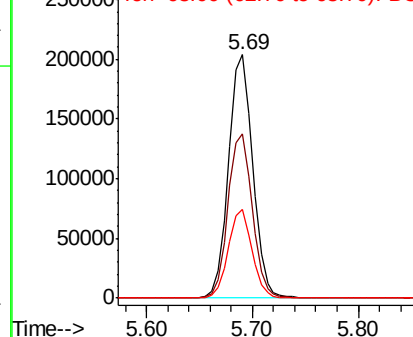
#5

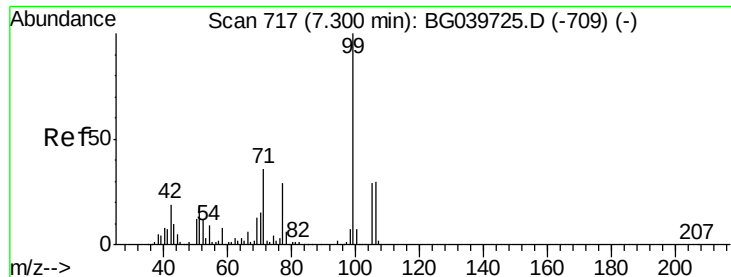
2-Fluorophenol
Concen: 130.656 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.01 min
Lab File: BG040169.D
Acq: 27 Mar 2019 5:41

Tgt Ion:112 Resp: 323430
Ion Ratio Lower Upper
112 100
64 67.4 55.5 83.3
63 36.3 30.2 45.4



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: 112.744 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040169.D

Acq: 27 Mar 2019 5:41

Instrument :

BNA_G

ClientSampleId :

S3A(12-22)COMP

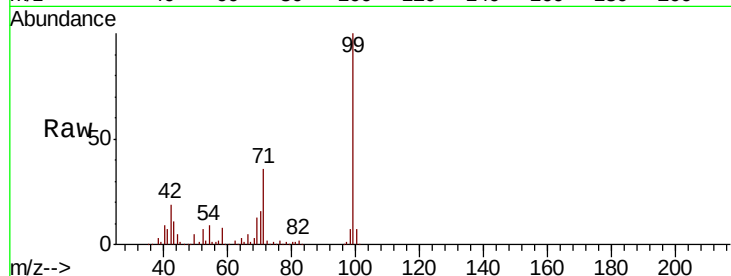
Tot Ion: 99 Resp: 416138

Ion Ratio Lower Upper

99 100

42 19.2 15.4 23.2

71 36.1 29.1 43.7



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

300000

250000

200000

150000

100000

50000

0

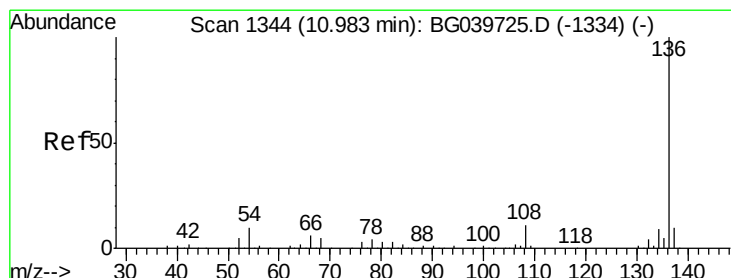
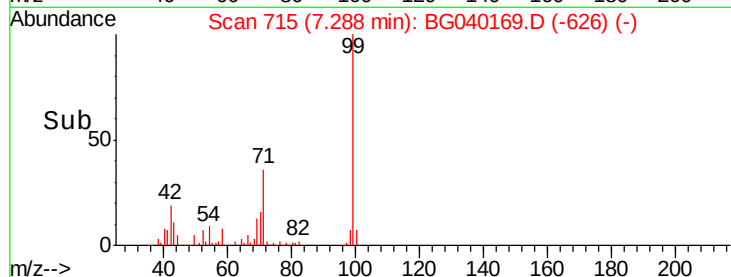
7.29

7.20

7.30

7.40

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BG040169.D

Acq: 27 Mar 2019 5:41

Tgt Ion: 136 Resp: 174048

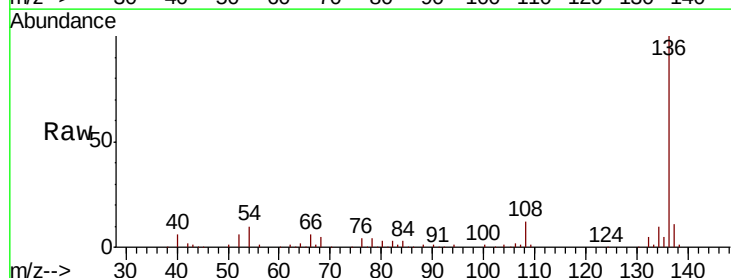
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 9.9 8.5 12.7

68 5.1 4.2 6.2



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

150000

100000

50000

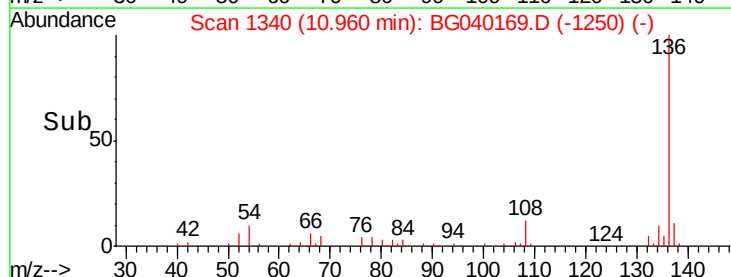
0

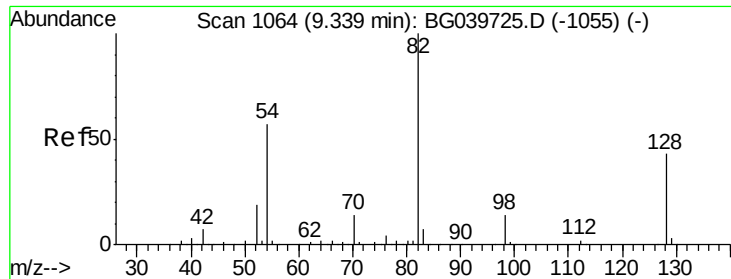
10.96

10.90

11.00

Time-->

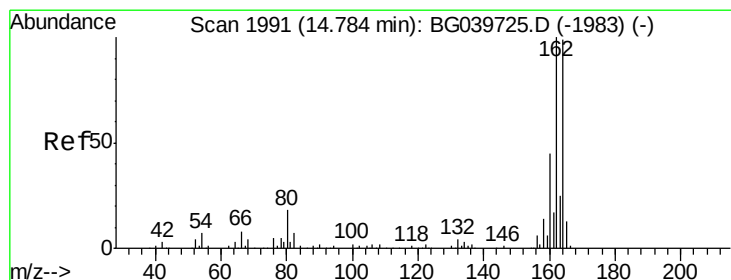
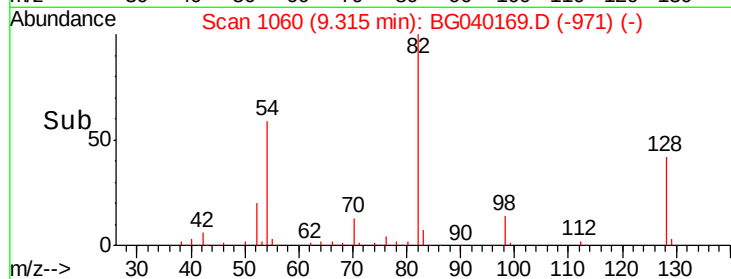
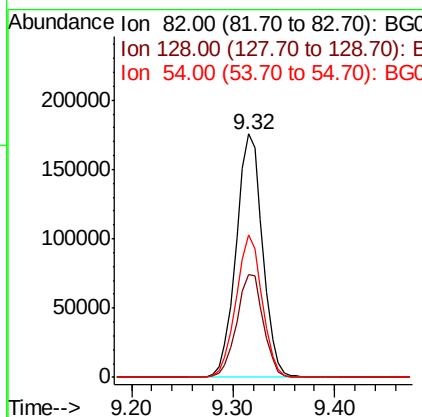
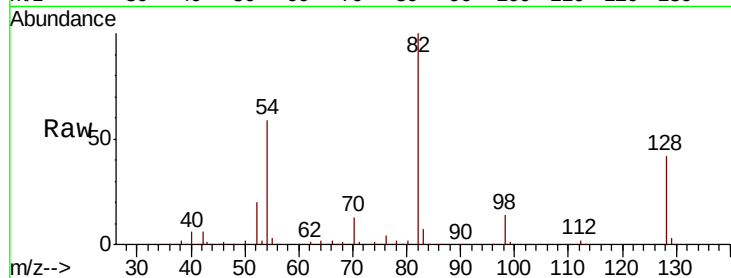




#23
 Nitrobenzene-d5
 Concen: 98.407 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG040169.D
 Acq: 27 Mar 2019 5:41

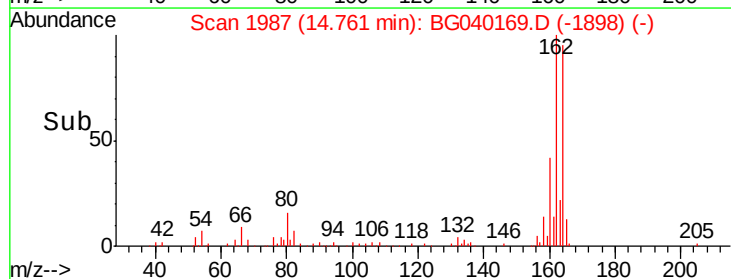
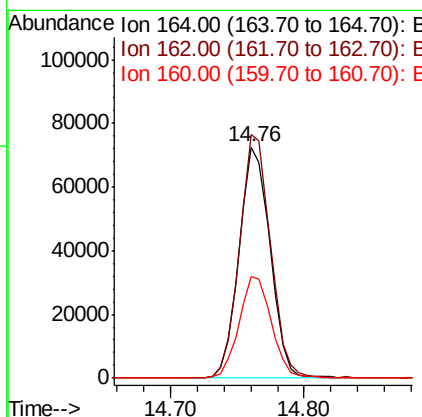
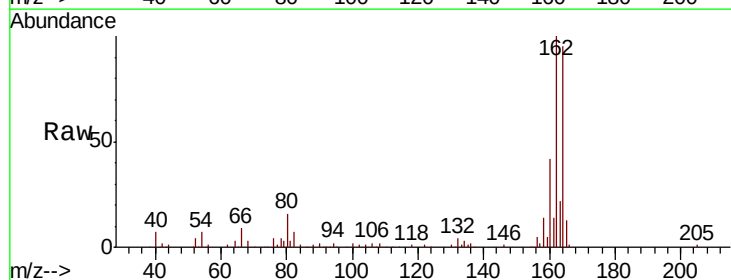
Instrument :
 BNA_G
 ClientSampleId :
 S3A(12-22)COMP

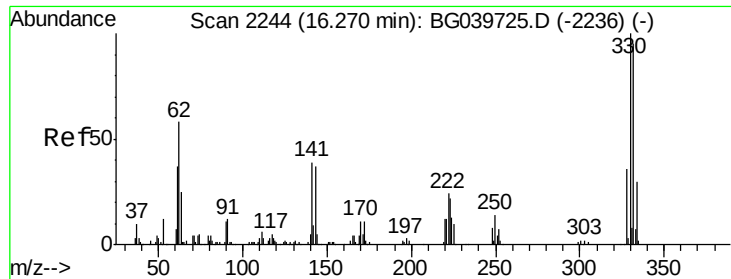
Tot Ion	82	Resp	31685
Ion Ratio	Lower	Upper	
82	100		
128	42.2	34.3	51.5
54	58.7	46.9	70.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BG040169.D
 Acq: 27 Mar 2019 5:41

Tgt Ion	164	Resp	116736
Ion Ratio	Lower	Upper	
164	100		
162	105.2	81.0	121.4
160	43.8	34.5	51.7

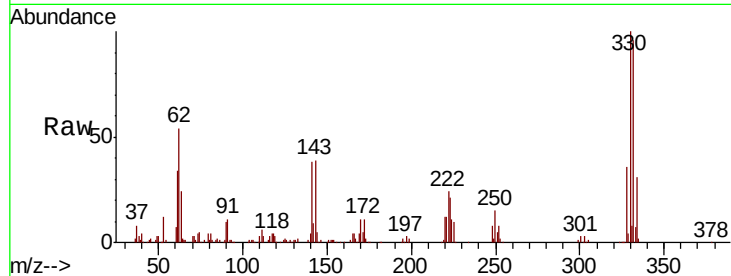




#42
 2,4,6-Tribromophenol
 Concen: 126.061 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG040169.D
 Acq: 27 Mar 2019 5:41

Instrument :
 BNA_G
 ClientSampleId :
 S3A(12-22)COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.9	75.8	113.8
141	39.2	31.8	47.6

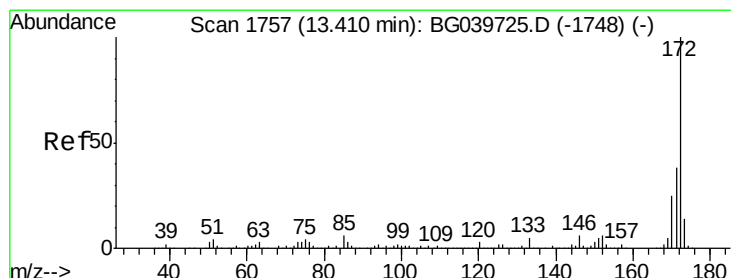
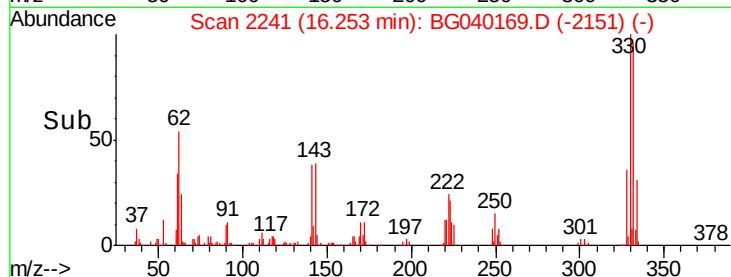
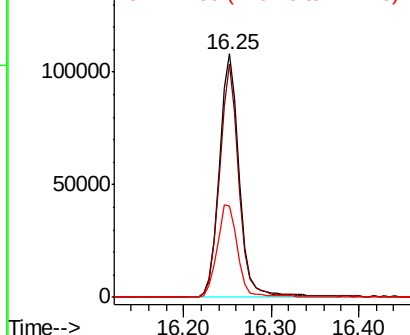


Abundance

Ion 329.80 (329.50 to 330.50): E

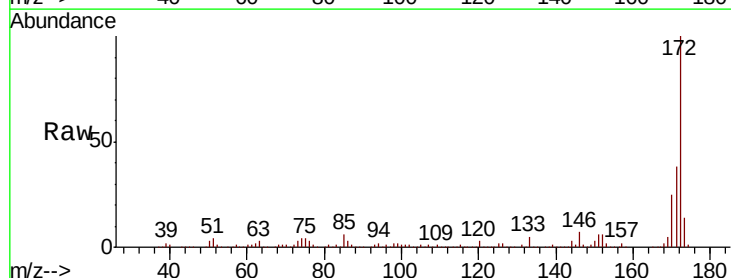
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.486 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG040169.D
 Acq: 27 Mar 2019 5:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.8	20.6	31.0

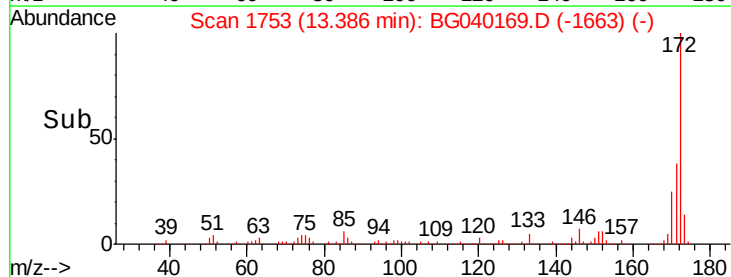
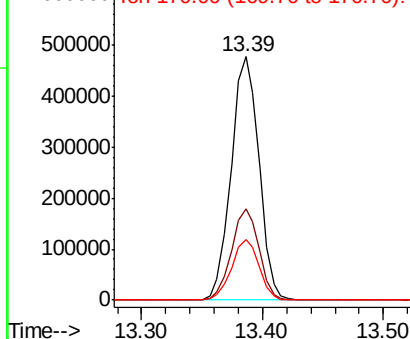


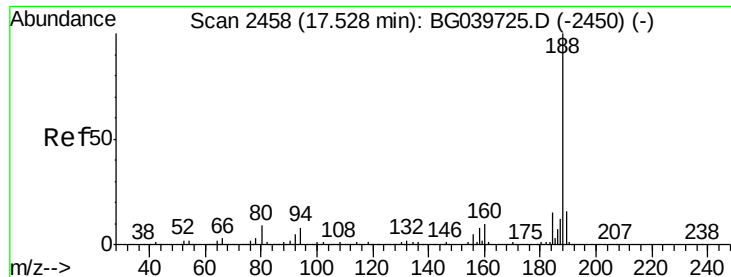
Abundance

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

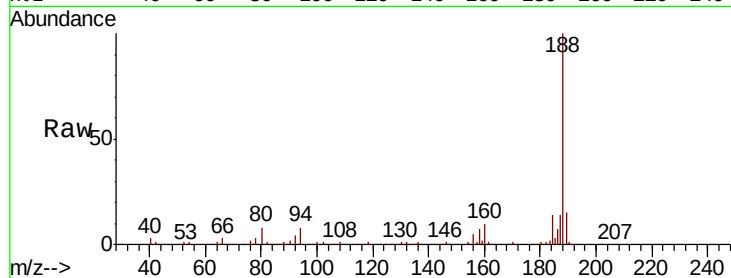




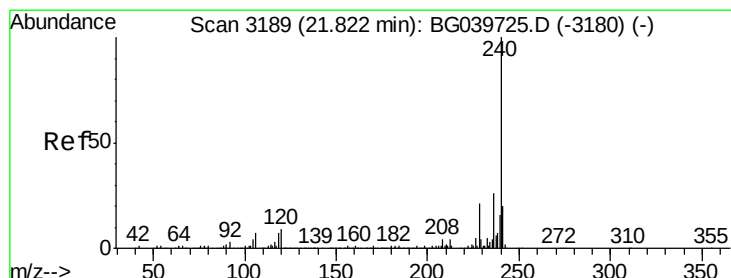
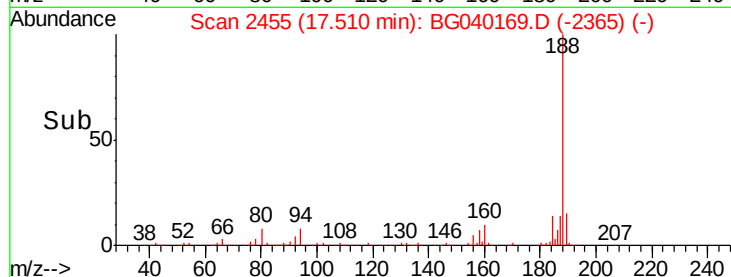
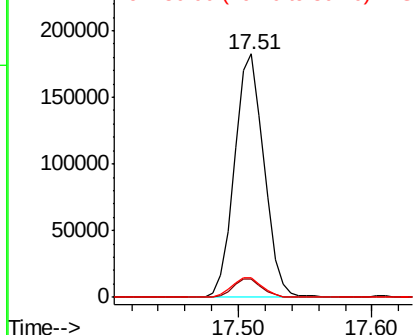
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG040169.D
Acq: 27 Mar 2019 5:41

Instrument :
BNA_G
ClientSampleId :
S3A(12-22)COMP

Tot Ion:188 Resp: 279871
Ion Ratio Lower Upper
188 100
94 7.7 6.1 9.1
80 8.3 7.0 10.4

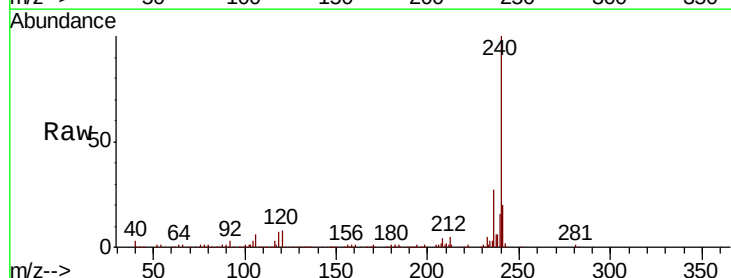


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

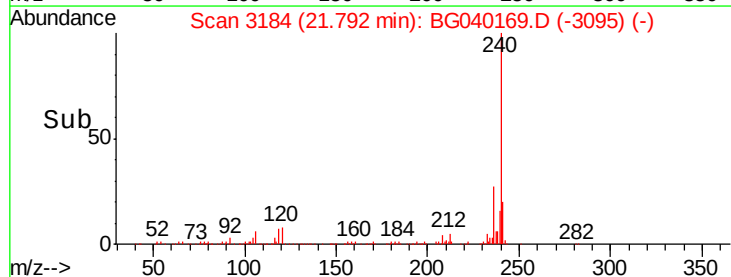
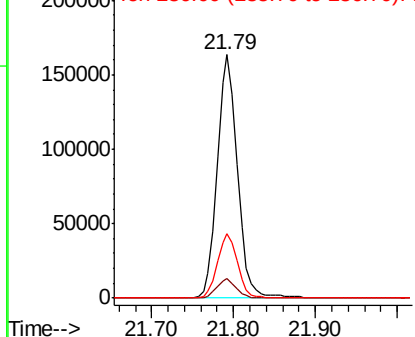


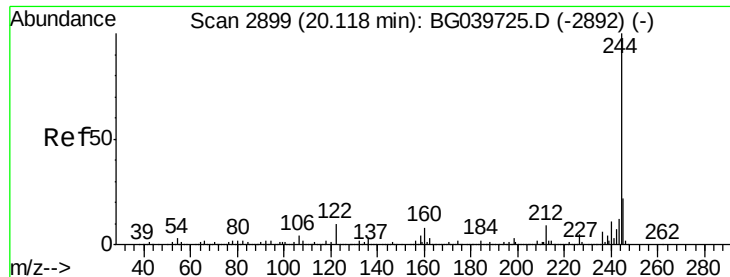
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG040169.D
Acq: 27 Mar 2019 5:41

Tgt Ion:240 Resp: 281500
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 26.6 21.6 32.4



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: 94.512 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG040169.D

Acq: 27 Mar 2019 5:41

Instrument :

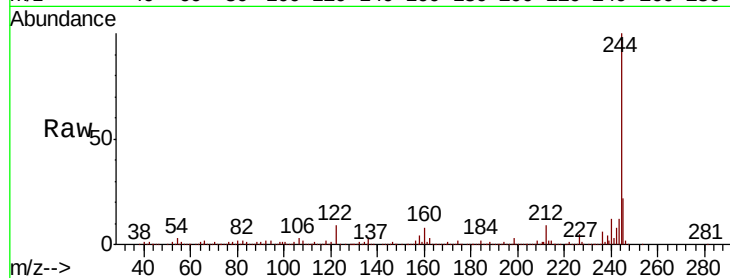
BNA_G

ClientSampleId :

S3A(12-22)COMP

Tot Ion:244 Resp: 1208329

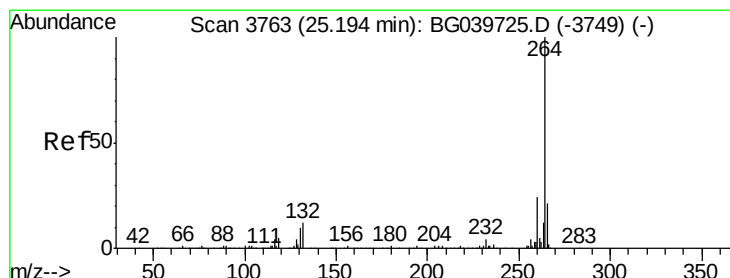
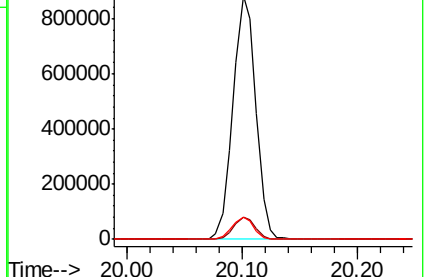
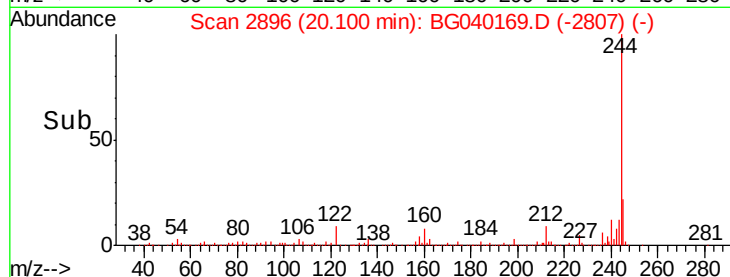
Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	9.4	7.0	10.6



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

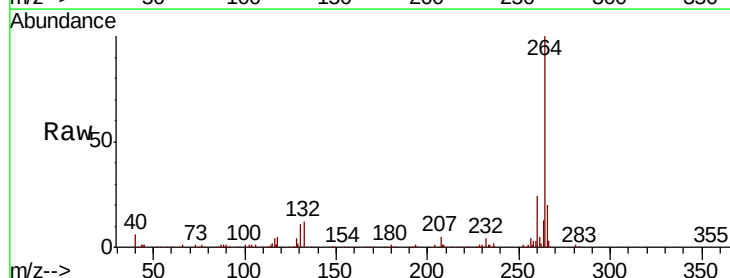
Delta R.T. -0.01 min

Lab File: BG040169.D

Acq: 27 Mar 2019 5:41

Tgt Ion:264 Resp: 262688

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	20.4	17.2	25.8



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

