

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040170.D
 Acq On : 27 Mar 2019 6:21
 Operator : JU/SJ
 Sample : K2081-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S3A(22-28)-S3B(27)COMP

Quant Time: Mar 27 14:00:49 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	42146	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	174218	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	113149	20.00	ng	0.00
64) Phenanthrene-d10	17.51	188	274457	20.00	ng	0.00
76) Chrysene-d12	21.79	240	279681	20.00	ng	0.00
87) Perylene-d12	25.16	264	249931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	322137	130.40	ng	0.00
7) Phenol-d6	7.29	99	418546	113.62	ng	0.00
23) Nitrobenzene-d5	9.31	82	309405	96.05	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	151883	115.16	ng	0.00
45) 2-Fluorobiphenyl	13.39	172	742778	93.47	ng	0.00
79) Terphenyl-d14	20.10	244	1179114	92.83	ng	0.00

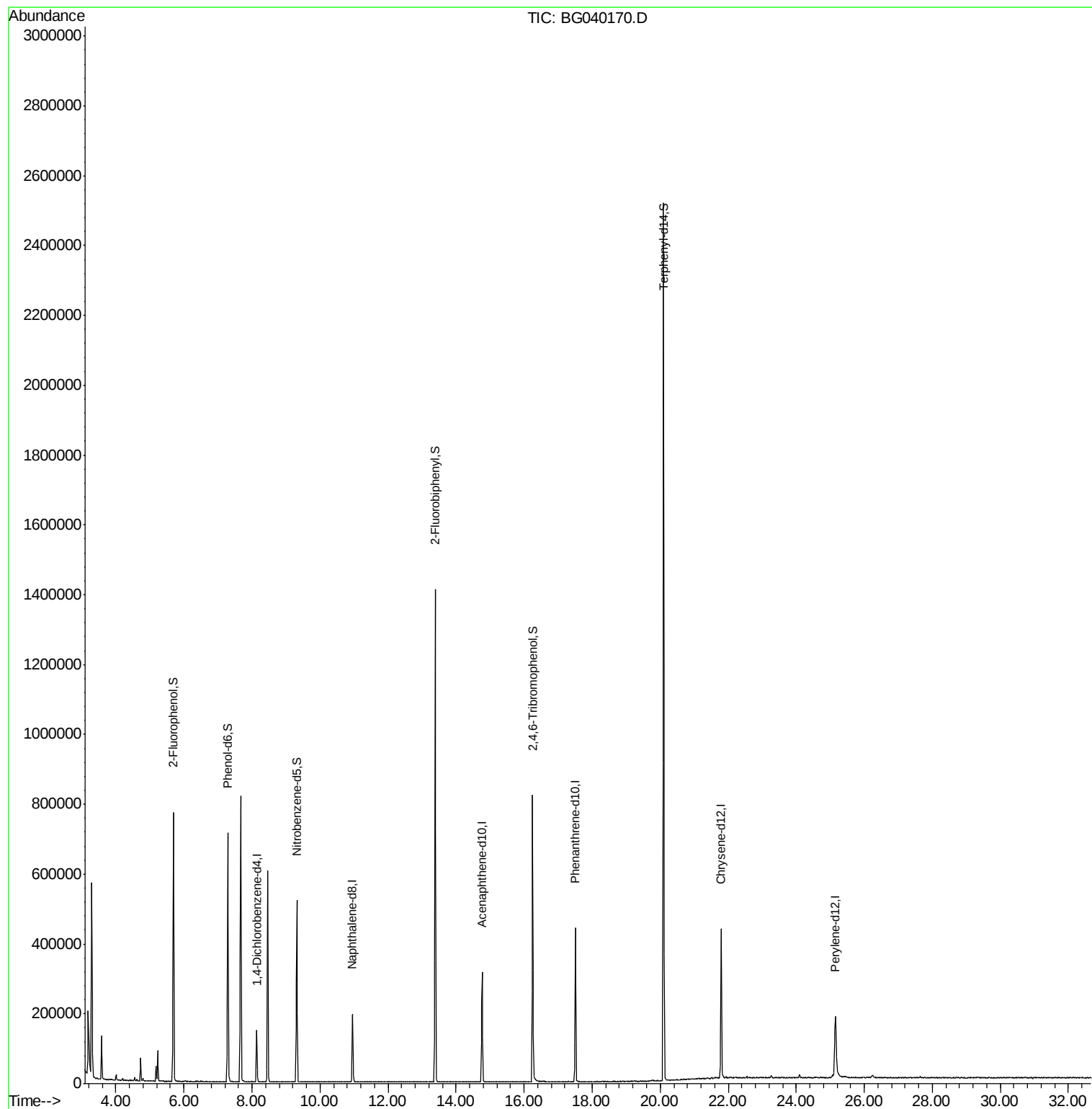
Target Compounds Qvalue

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

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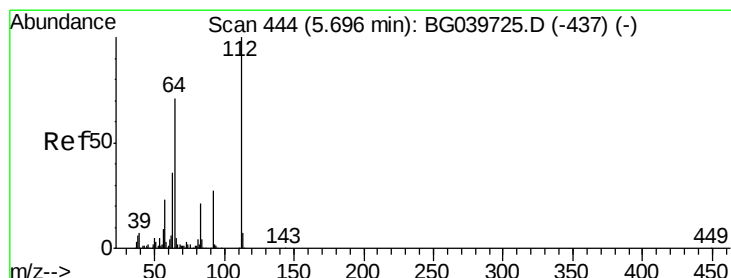
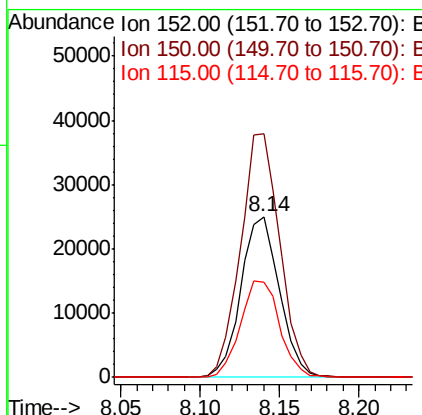
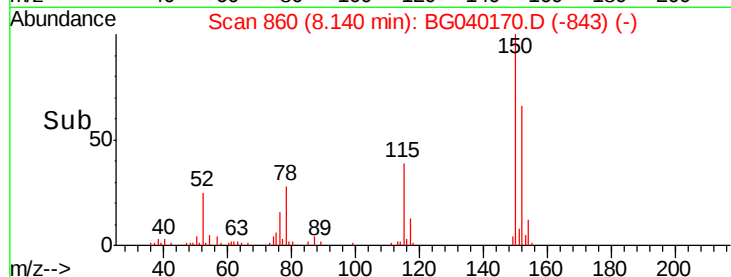
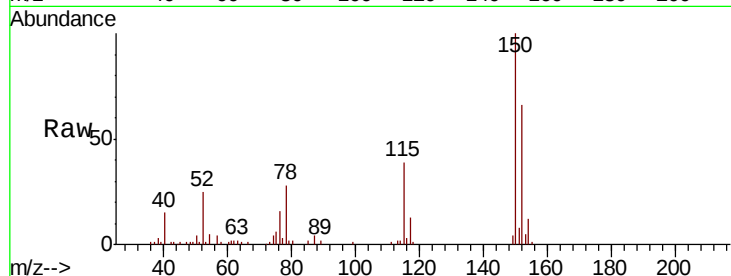


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG040170.D
Acq: 27 Mar 2019 6:21

Instrument :
BNA_G
ClientSampleId :
S3A(22-28)-S3B(27)COMP

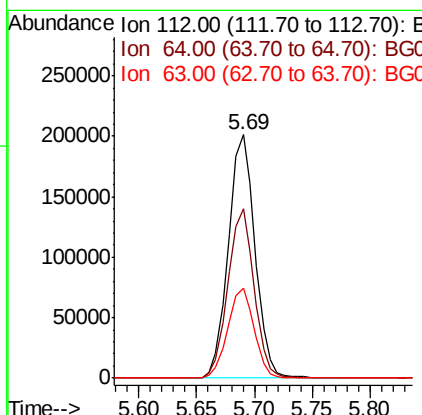
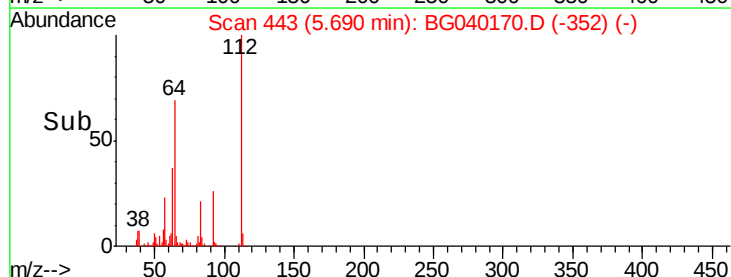
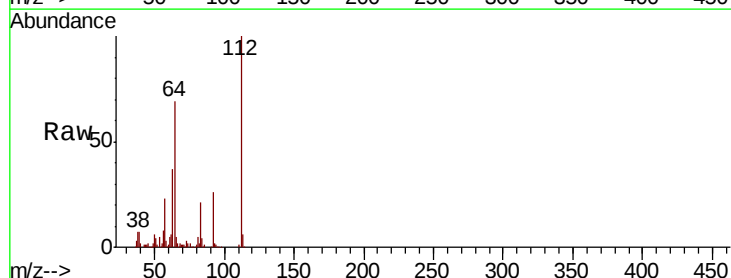
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	115.2	172.8
115	59.2	47.0	70.6



#5

2-Fluorophenol
Concen: 130.396 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.01 min
Lab File: BG040170.D
Acq: 27 Mar 2019 6:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	55.5	83.3
63	36.9	30.2	45.4





#7

Phenol-d6

Concen: 113.625 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040170.D

Acq: 27 Mar 2019 6:21

Instrument :

BNA_G

ClientSampleId :

S3A(22-28)-S3B(27)COMP

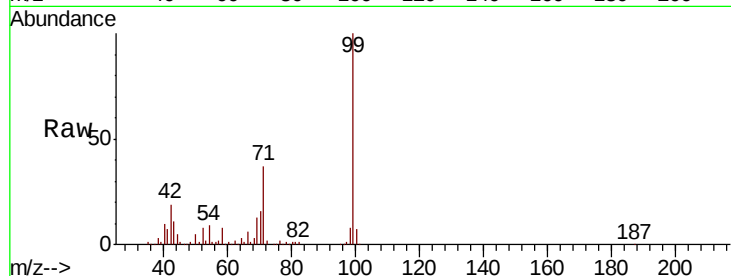
Tot Ion: 99 Resp: 418546

Ion Ratio Lower Upper

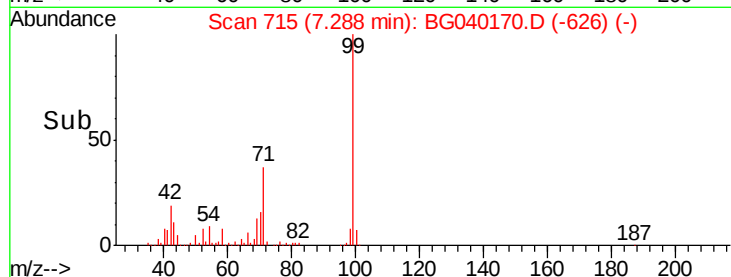
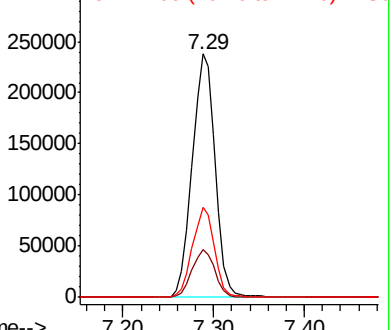
99 100

42 19.4 15.4 23.2

71 36.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BG040170.D

Acq: 27 Mar 2019 6:21

Tgt Ion: 136 Resp: 174218

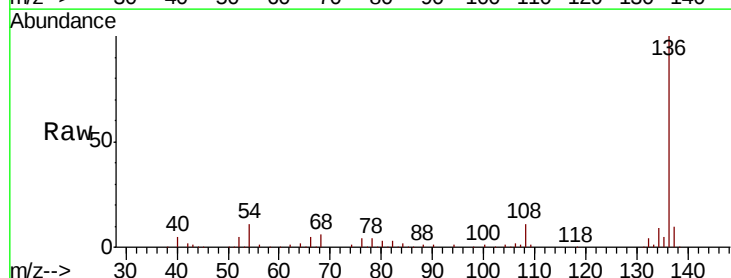
Ion Ratio Lower Upper

136 100

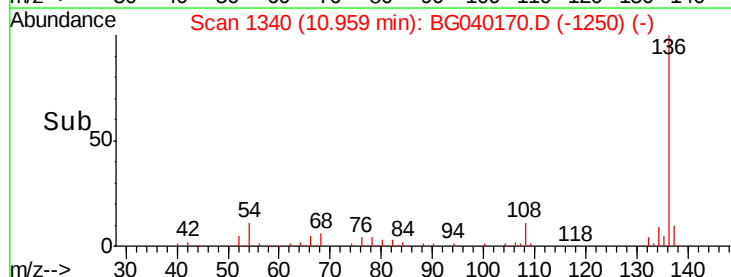
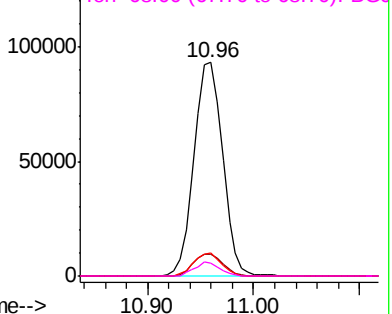
137 10.3 9.0 13.6

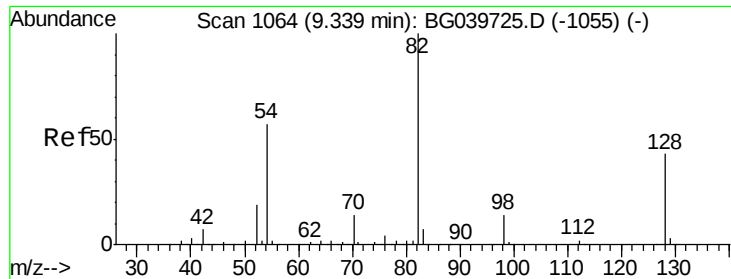
54 10.6 8.5 12.7

68 6.2 4.2 6.2



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

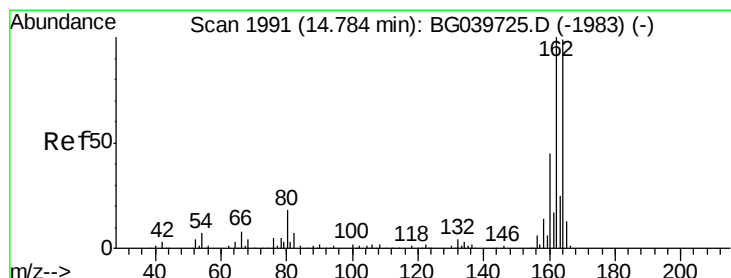
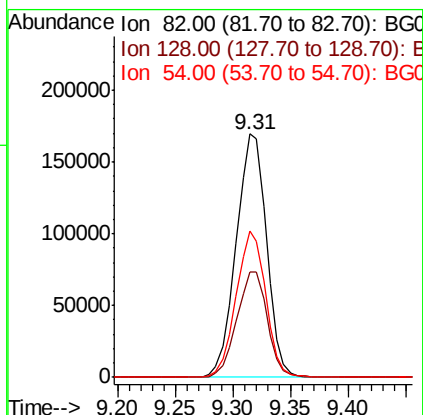
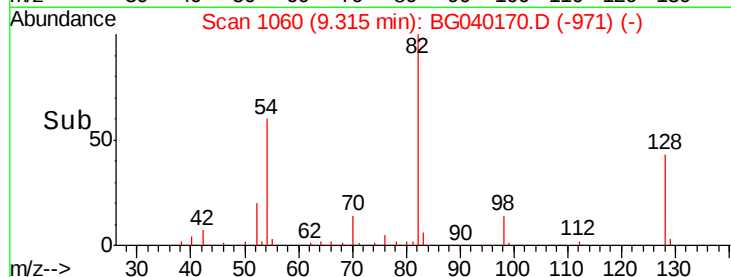
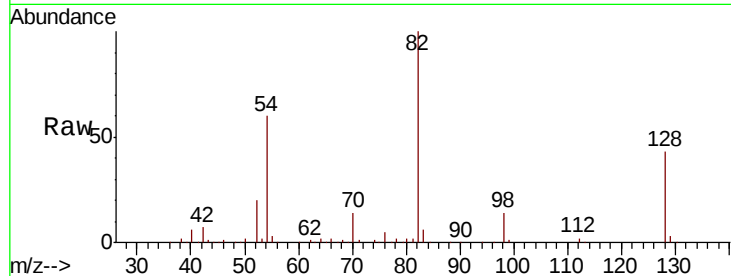




#23
Nitrobenzene-d5
Concen: 96.051 ng
RT: 9.31 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG040170.D
Acq: 27 Mar 2019 6:21

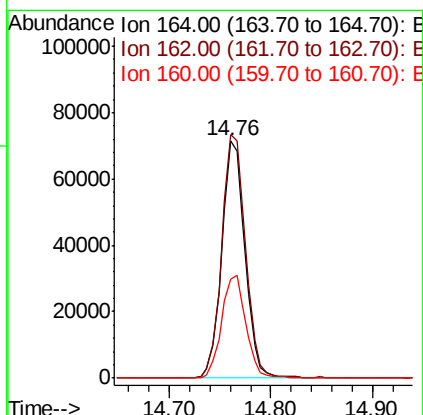
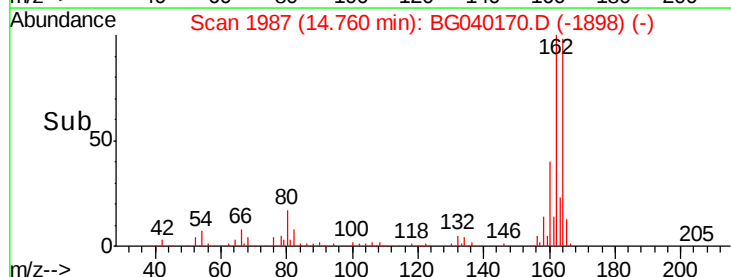
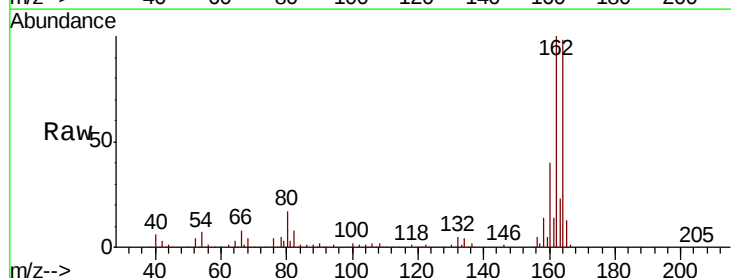
Instrument :
BNA_G
ClientSampleId :
S3A(22-28)-S3B(27)COMP

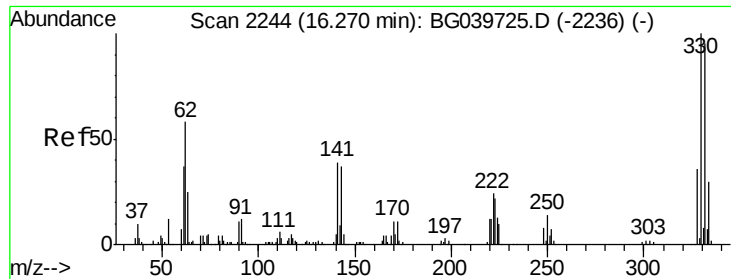
Tot Ion	82	Resp	309405
Ion Ratio	100	Lower	Upper
128	43.3	34.3	51.5
54	59.9	46.9	70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG040170.D
Acq: 27 Mar 2019 6:21

Tgt Ion	164	Resp	113149
Ion Ratio	100	Lower	Upper
162	102.4	81.0	121.4
160	41.5	34.5	51.7

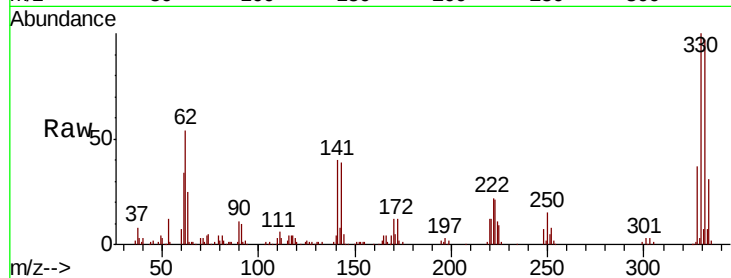




#42
 2,4,6-Tribromophenol
 Concen: 115.165 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG040170.D
 Acq: 27 Mar 2019 6:21

Instrument :
 BNA_G
 ClientSampleId :
 S3A(22-28)-S3B(27)COMP

Tot Ion	330	Ratio	Lower	Upper
330	100			
332	96.2	75.8	113.8	
141	41.5	31.8	47.6	

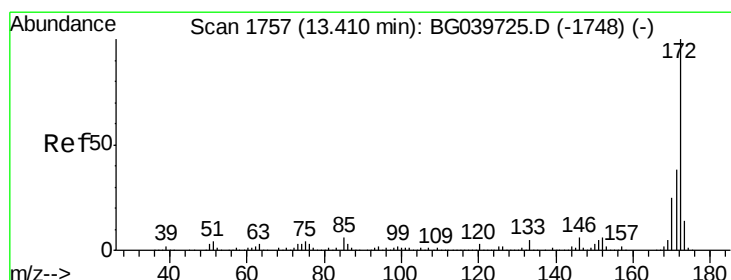
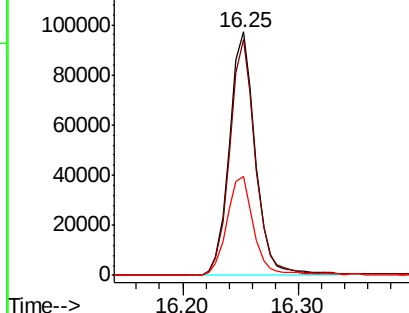
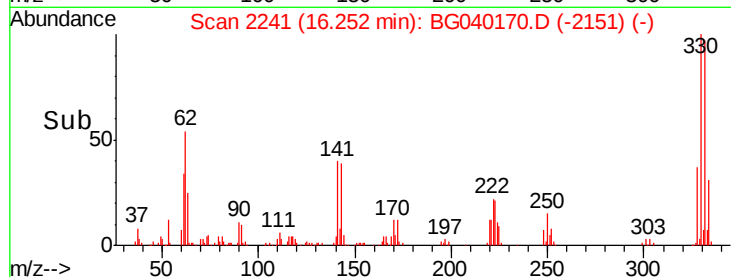


Abundance

Ion 329.80 (329.50 to 330.50): E

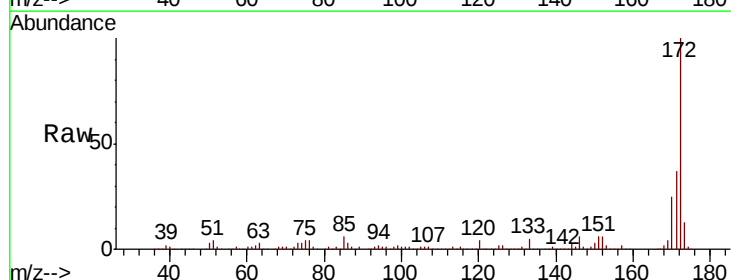
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.469 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG040170.D
 Acq: 27 Mar 2019 6:21

Tgt Ion	172	Ratio	Lower	Upper
172	100			
171	37.5	30.0	45.0	
170	25.1	20.6	31.0	

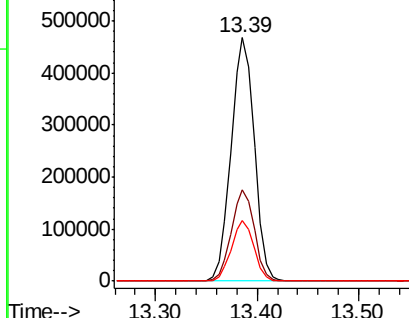
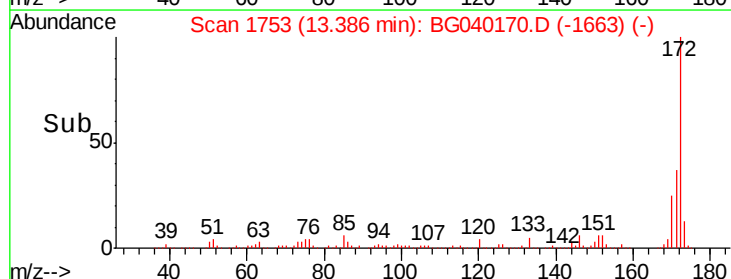


Abundance

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

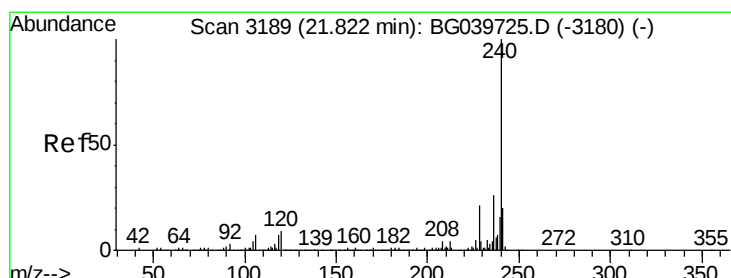
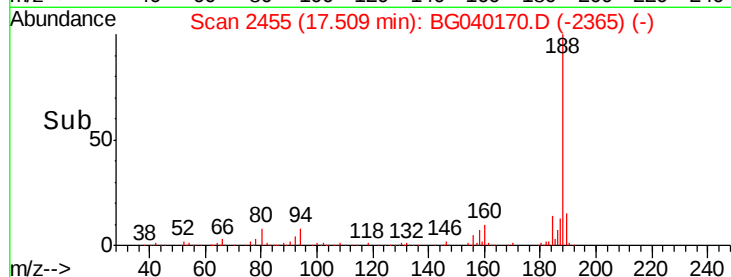
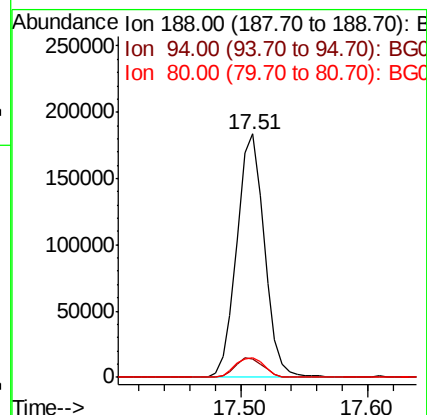
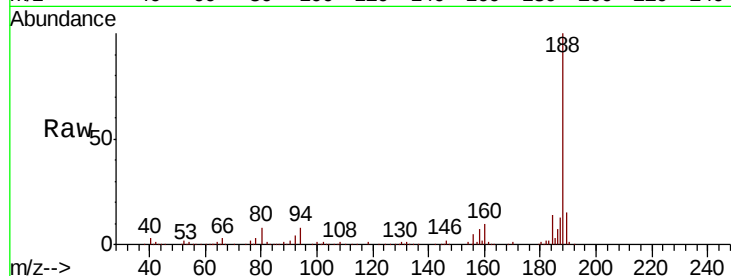




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG040170.D
Acq: 27 Mar 2019 6:21

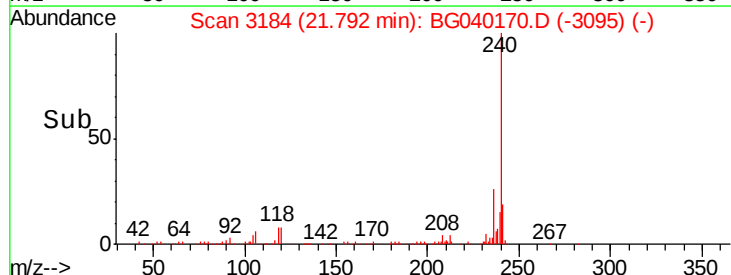
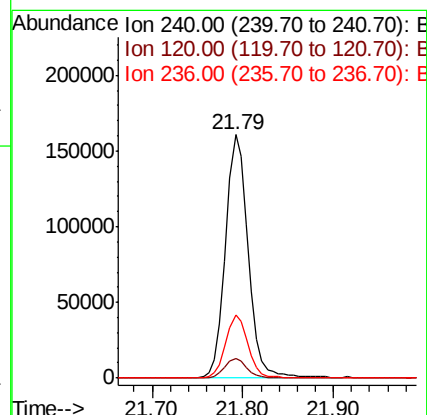
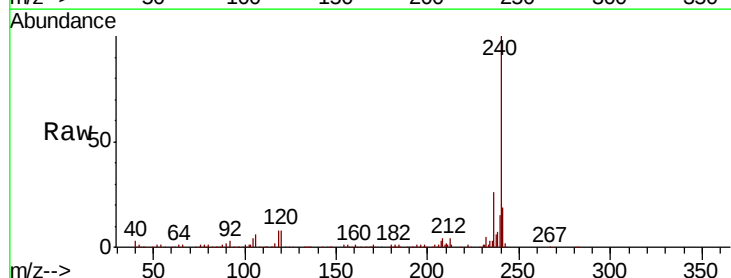
Instrument :
BNA_G
ClientSampleId :
S3A(22-28)-S3B(27)COMP

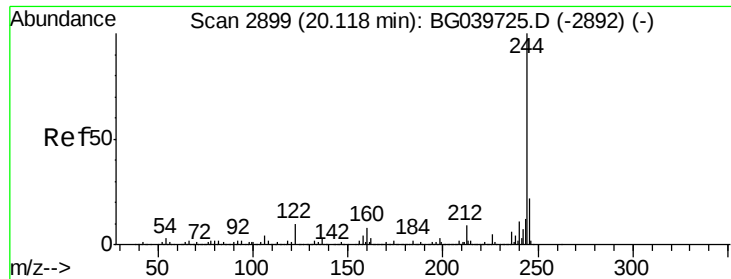
Tot Ion:188 Resp: 274457
Ion Ratio Lower Upper
188 100
94 7.7 6.1 9.1
80 8.0 7.0 10.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG040170.D
Acq: 27 Mar 2019 6:21

Tgt Ion:240 Resp: 279681
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 25.7 21.6 32.4





#79

Terphenyl-d14

Concen: 92.826 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG040170.D

Acq: 27 Mar 2019 6:21

Instrument :

BNA_G

ClientSampleId :

S3A(22-28)-S3B(27)COMP

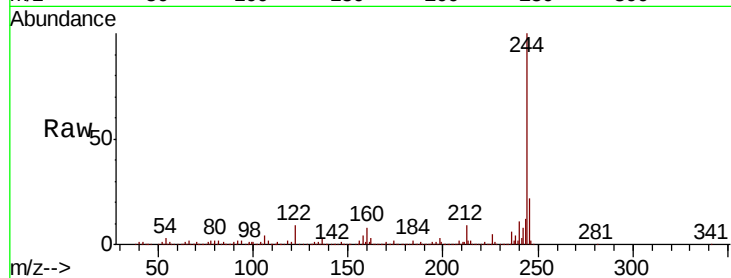
Tot Ion:244 Resp: 1179114

Ion Ratio Lower Upper

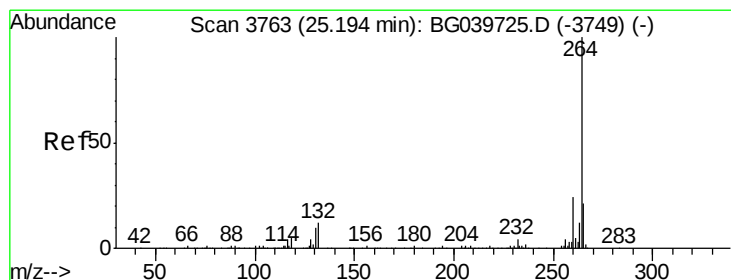
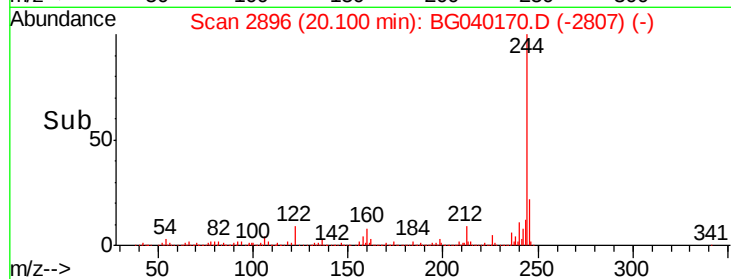
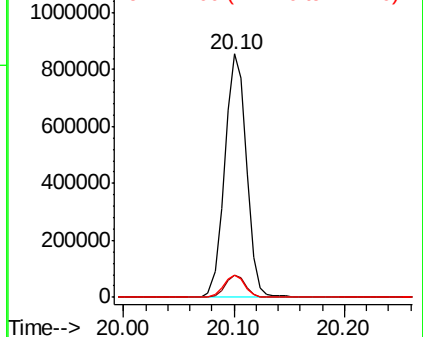
244 100

212 9.1 7.3 10.9

122 9.2 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: 25.16 min Scan# 3757

Delta R.T. 0.01 min

Lab File: BG040170.D

Acq: 27 Mar 2019 6:21

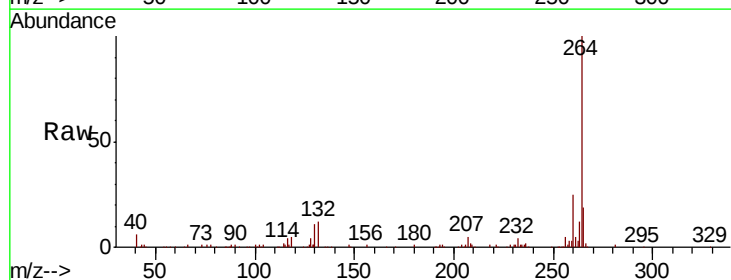
Tgt Ion:264 Resp: 249931

Ion Ratio Lower Upper

264 100

260 24.6 18.9 28.3

265 19.1 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

