

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040172.D
 Acq On : 27 Mar 2019 7:41
 Operator : JU/SJ
 Sample : K2081-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4C(18-29)COMP

Quant Time: Mar 27 14:05:10 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	40987	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	168174	20.00	ng	0.00
39) Acenaphthene-d10	14.77	164	115030	20.00	ng	0.00
64) Phenanthrene-d10	17.51	188	273543	20.00	ng	0.00
76) Chrysene-d12	21.79	240	278774	20.00	ng	0.00
87) Perylene-d12	25.15	264	256042	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	314098	130.74	ng	0.00
7) Phenol-d6	7.29	99	403055	112.51	ng	0.00
23) Nitrobenzene-d5	9.31	82	311221	100.09	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	154554	115.27	ng	0.00
45) 2-Fluorobiphenyl	13.39	172	766763	94.91	ng	0.00
79) Terphenyl-d14	20.10	244	1198686	94.67	ng	0.00

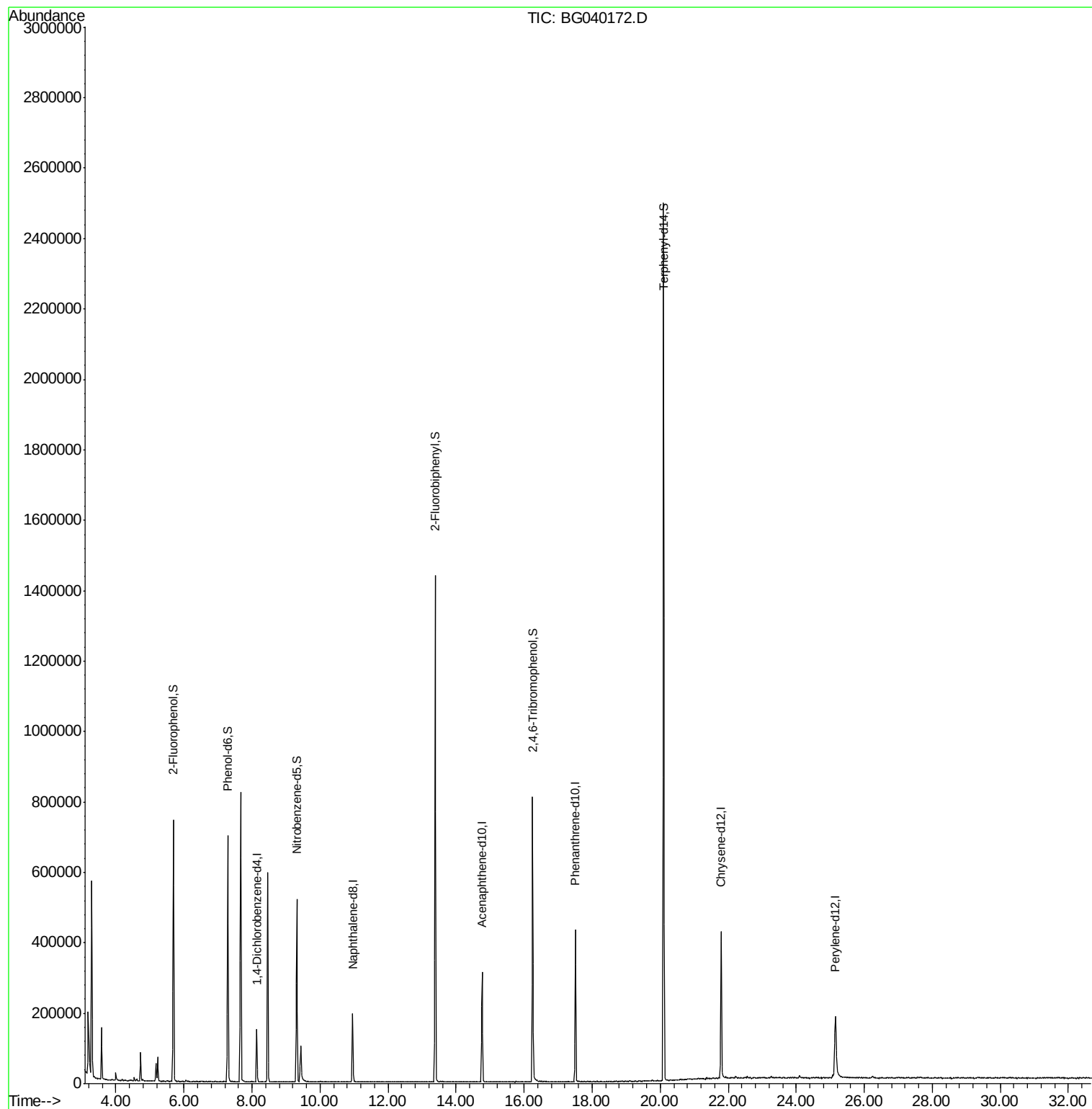
Target Compounds Qvalue

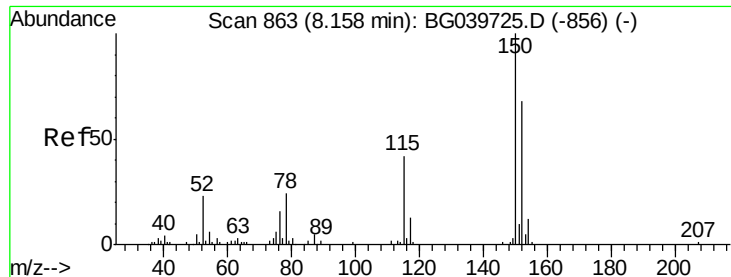
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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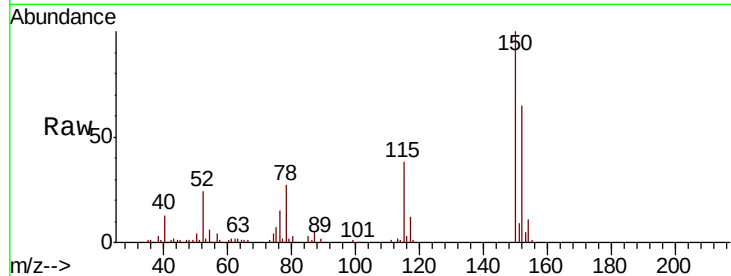


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG040172.D
Acq: 27 Mar 2019 7:41

Instrument :
BNA_G
ClientSampleId :
S4C(18-29)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	115.2	172.8
115	57.8	47.0	70.6

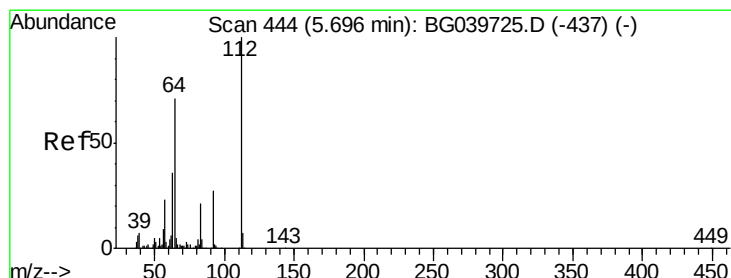
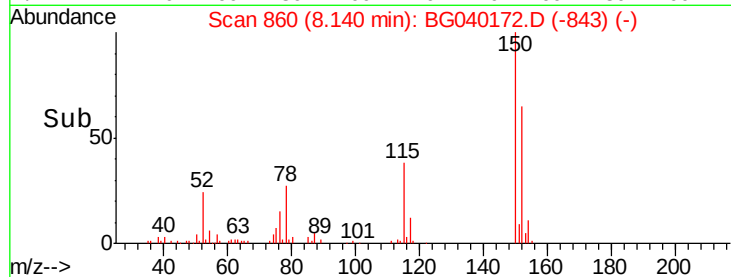
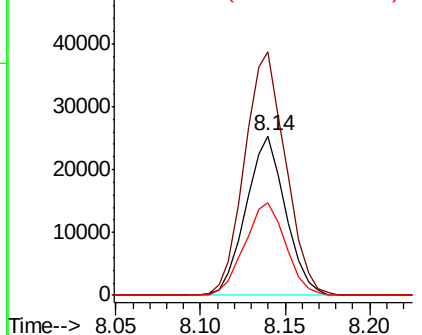


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

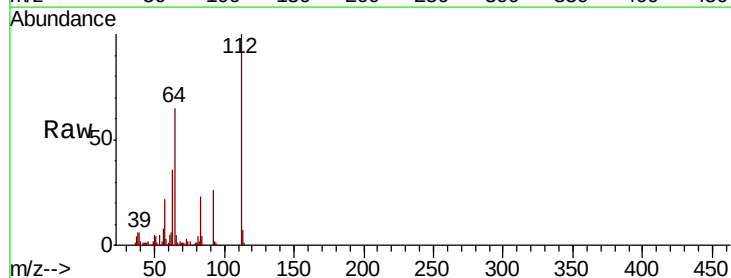
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.738 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.01 min
Lab File: BG040172.D
Acq: 27 Mar 2019 7:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	55.5	83.3
63	36.0	30.2	45.4

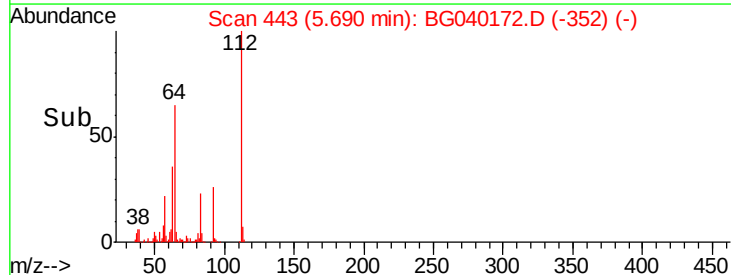
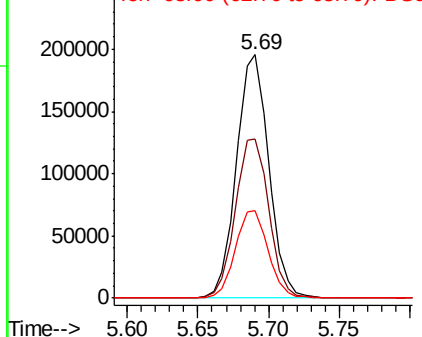


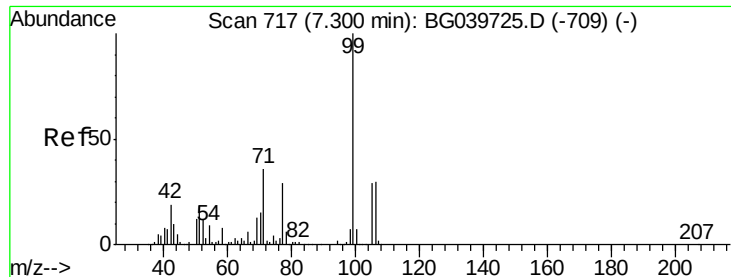
Abundance

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: 112.514 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040172.D

Acq: 27 Mar 2019 7:41

Instrument :

BNA_G

ClientSampleId :

S4C(18-29)COMP

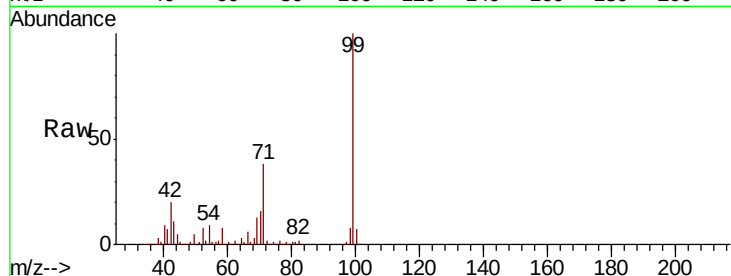
Tot Ion: 99 Resp: 403055

Ion Ratio Lower Upper

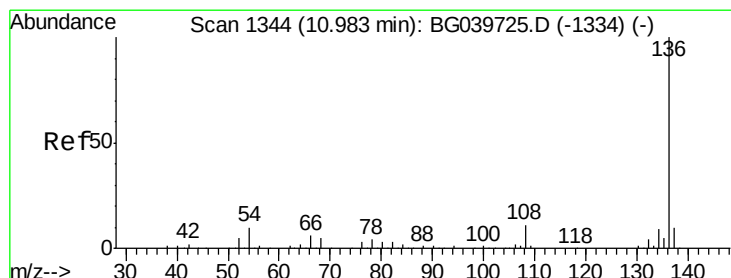
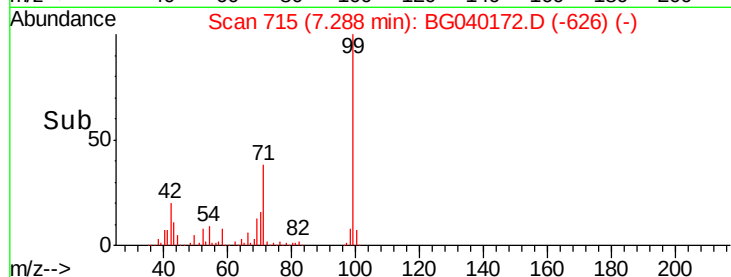
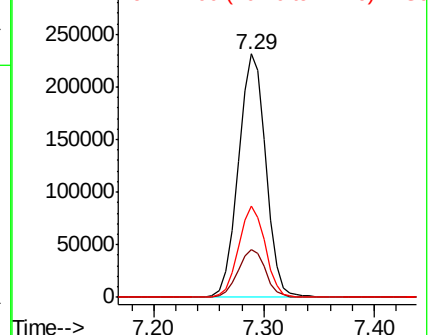
99 100

42 19.9 15.4 23.2

71 37.6 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: BG040172.D

Acq: 27 Mar 2019 7:41

Tgt Ion: 136 Resp: 168174

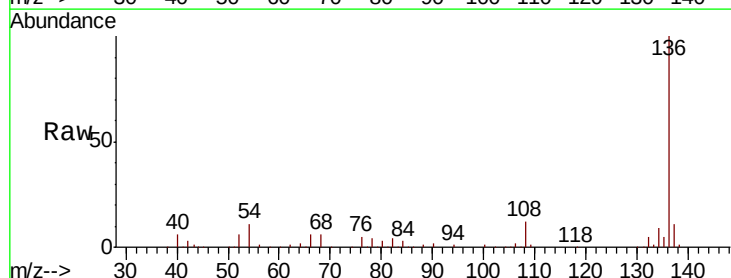
Ion Ratio Lower Upper

136 100

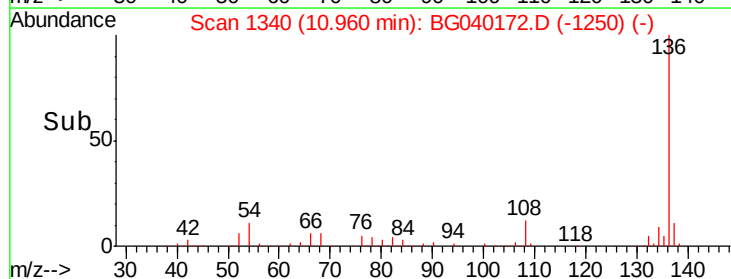
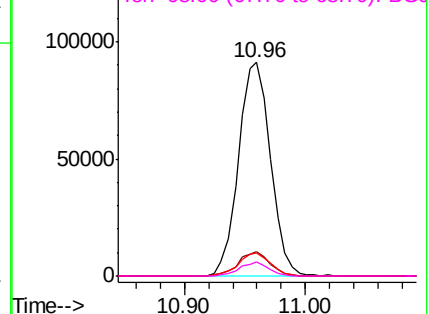
137 11.2 9.0 13.6

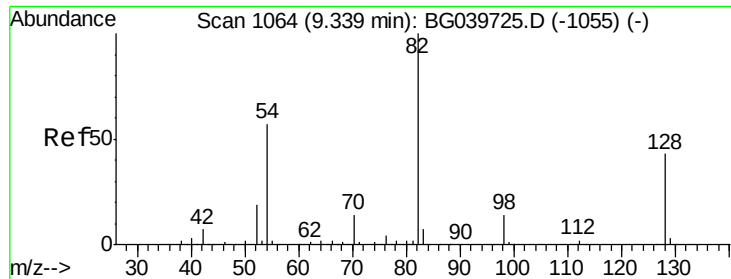
54 10.7 8.5 12.7

68 6.4 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

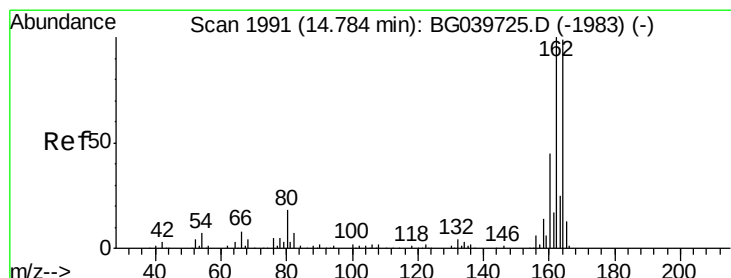
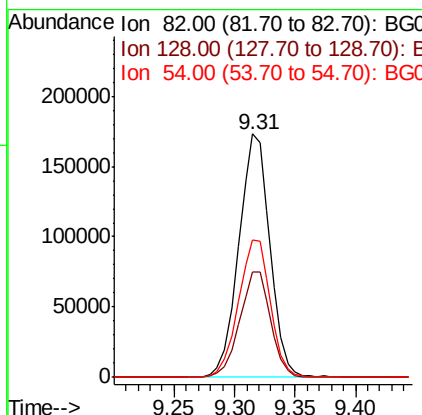
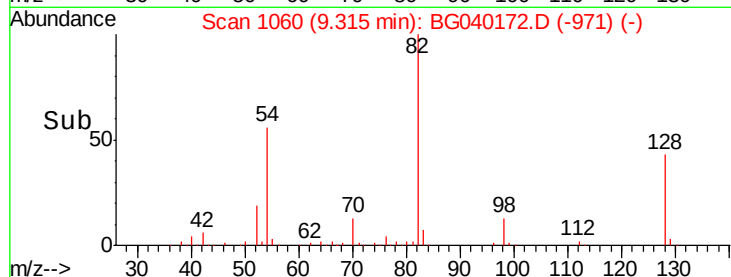
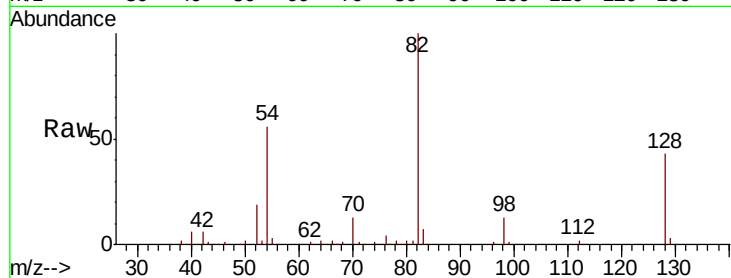




#23
Nitrobenzene-d5
Concen: 100.087 ng
RT: 9.31 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG040172.D
Acq: 27 Mar 2019 7:41

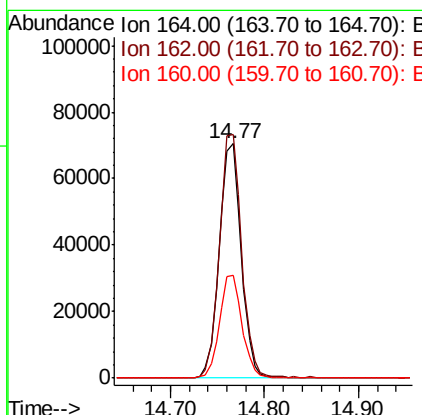
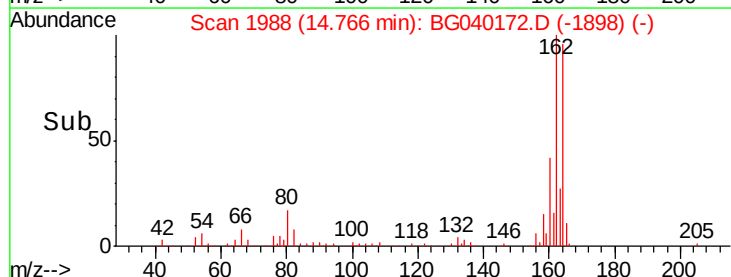
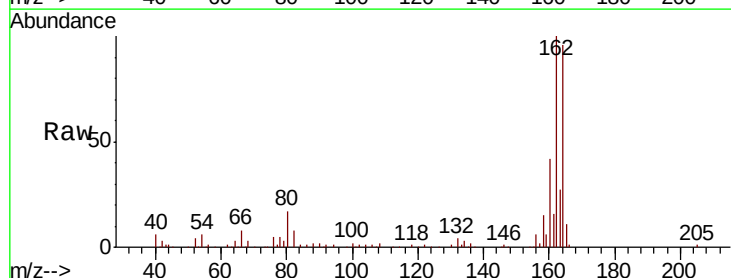
Instrument :
BNA_G
ClientSampleId :
S4C(18-29)COMP

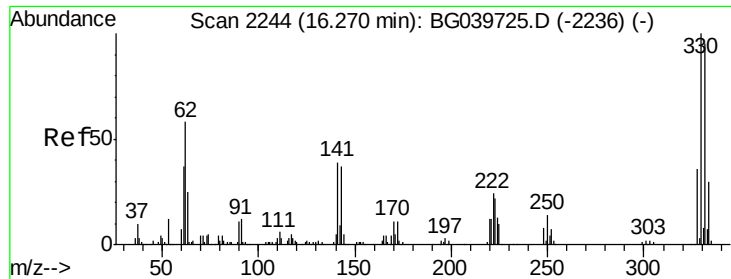
Tot Ion: 82 Resp: 311221
Ion Ratio Lower Upper
82 100
128 43.1 34.3 51.5
54 56.3 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG040172.D
Acq: 27 Mar 2019 7:41

Tgt Ion:164 Resp: 115030
Ion Ratio Lower Upper
164 100
162 103.9 81.0 121.4
160 43.6 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 115.273 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BG040172.D

Acq: 27 Mar 2019 7:41

Instrument :

BNA_G

ClientSampleId :

S4C(18-29)COMP

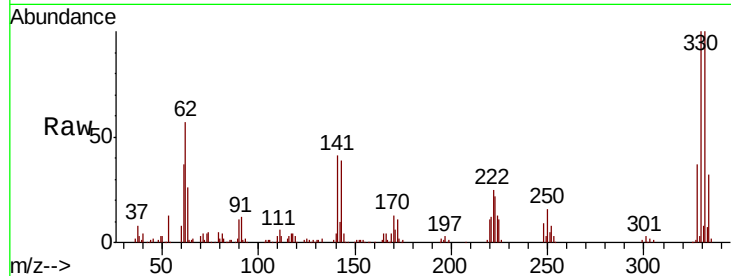
Tot Ion:330 Resp: 154554

Ion Ratio Lower Upper

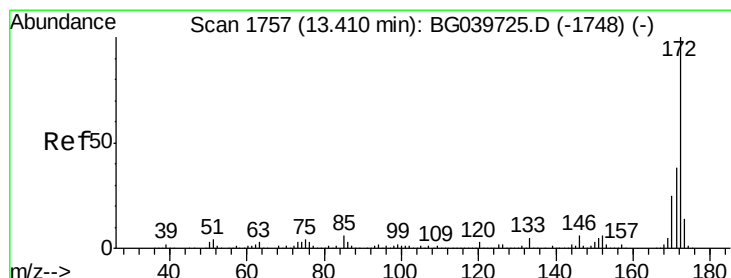
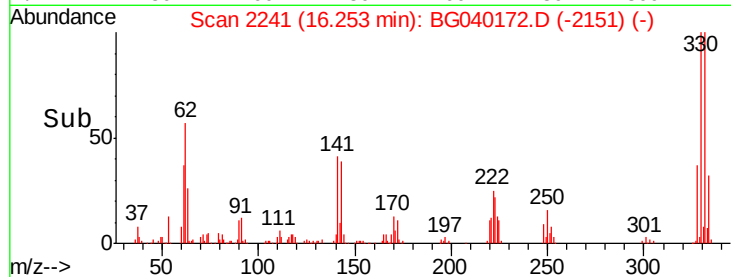
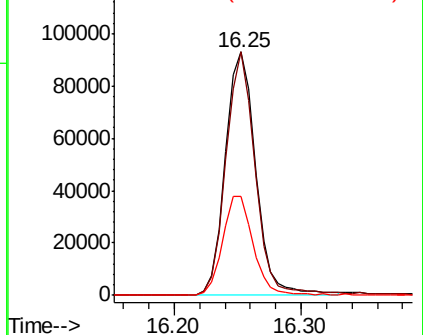
330 100

332 96.1 75.8 113.8

141 41.4 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: 94.909 ng

RT: 13.39 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BG040172.D

Acq: 27 Mar 2019 7:41

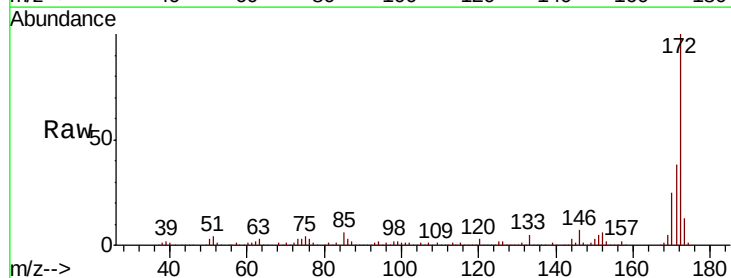
Tgt Ion:172 Resp: 766763

Ion Ratio Lower Upper

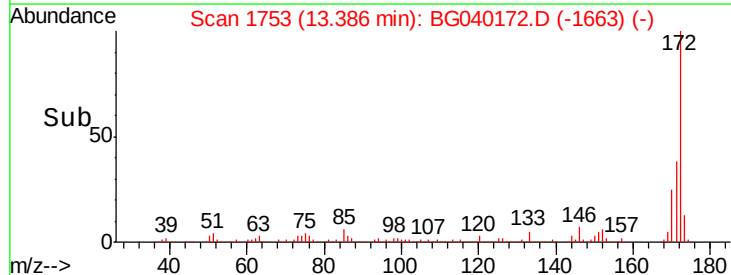
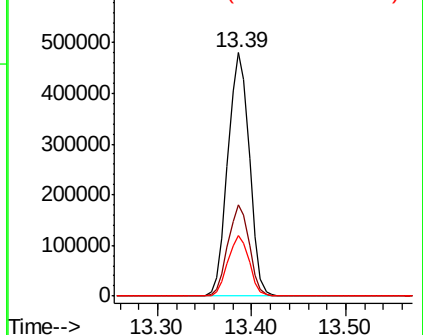
172 100

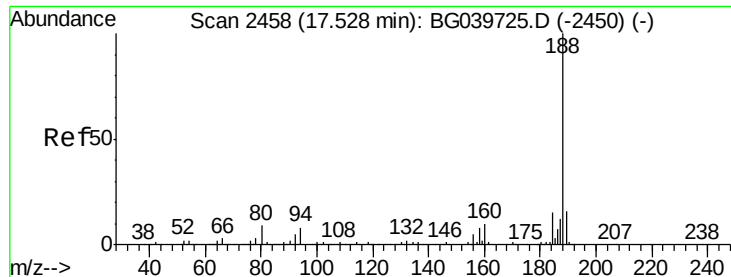
171 37.7 30.0 45.0

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: BG040172.D

Acq: 27 Mar 2019 7:41

Instrument :

BNA_G

ClientSampleId :

S4C(18-29)COMP

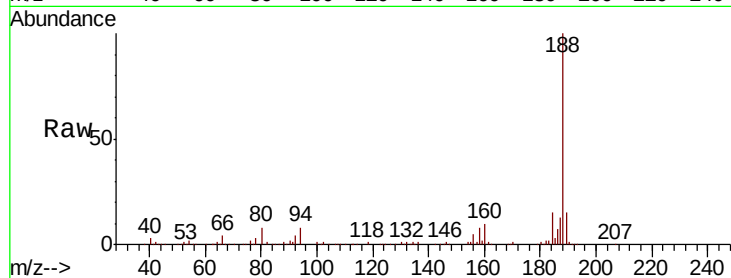
Tot Ion:188 Resp: 273543

Ion Ratio Lower Upper

188 100

94 7.8 6.1 9.1

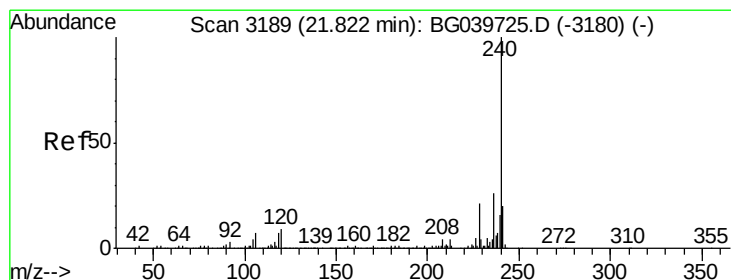
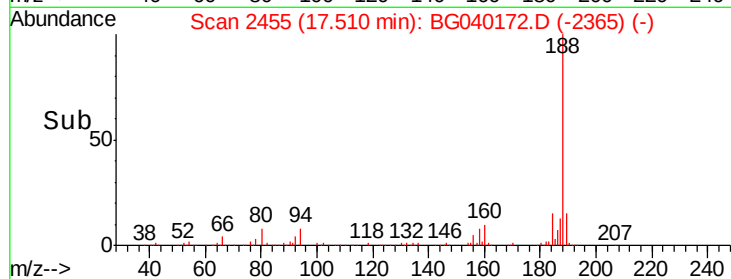
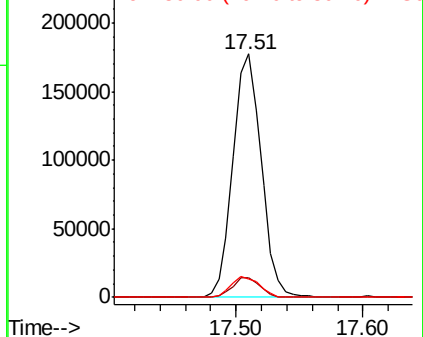
80 7.7 7.0 10.4



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: BG040172.D

Acq: 27 Mar 2019 7:41

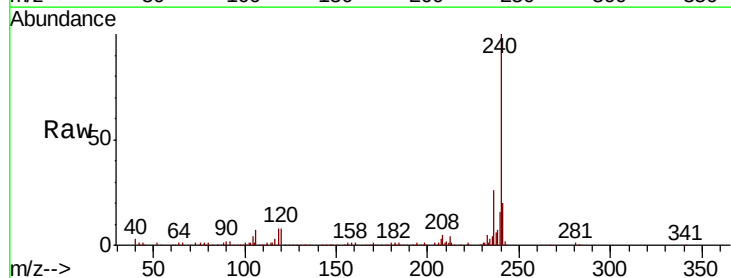
Tgt Ion:240 Resp: 278774

Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

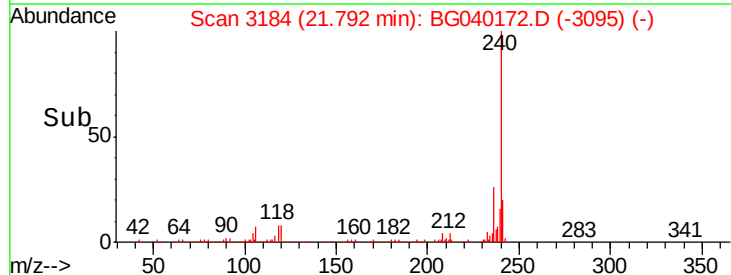
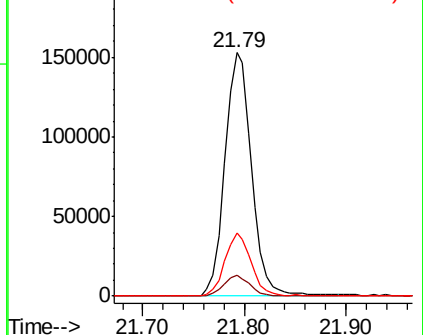
236 25.7 21.6 32.4

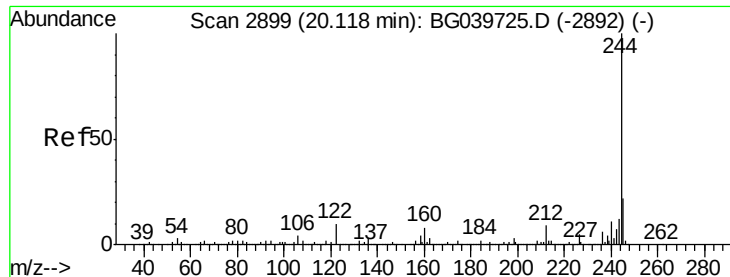


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.674 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG040172.D

Acq: 27 Mar 2019 7:41

Instrument :

BNA_G

ClientSampleId :

S4C(18-29)COMP

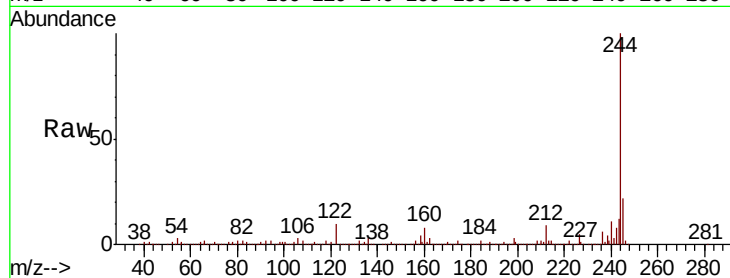
Tot Ion:244 Resp: 1198686

Ion Ratio Lower Upper

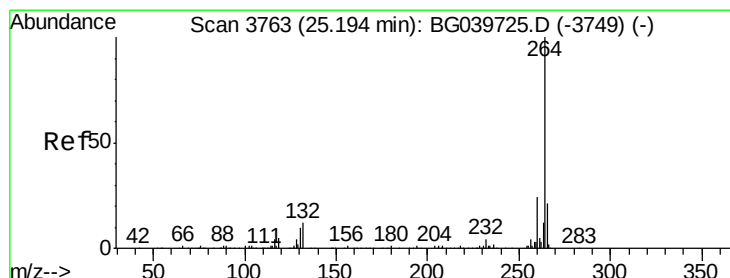
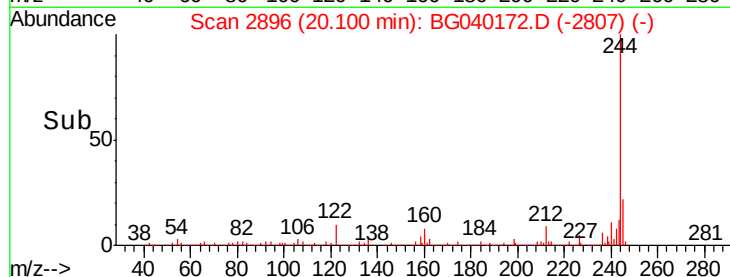
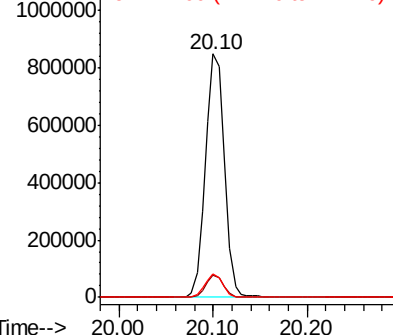
244 100

212 8.9 7.3 10.9

122 9.6 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# 3756

Delta R.T. 0.00 min

Lab File: BG040172.D

Acq: 27 Mar 2019 7:41

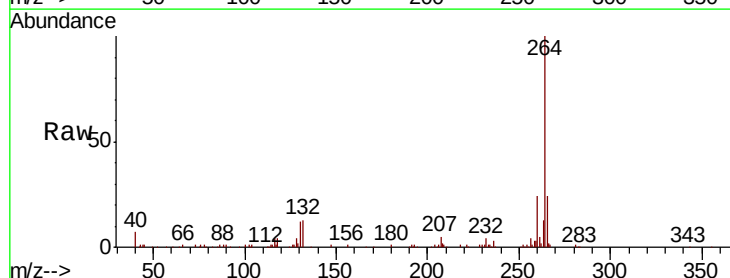
Tgt Ion:264 Resp: 256042

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 24.2 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

