

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040171.D
 Acq On : 27 Mar 2019 7:01
 Operator : JU/SJ
 Sample : K2081-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4C(6-18)COMP

Quant Time: Mar 27 14:02:42 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	40143	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	162585	20.00	ng	0.00
39) Acenaphthene-d10	14.77	164	110114	20.00	ng	0.00
64) Phenanthrene-d10	17.51	188	262879	20.00	ng	0.00
76) Chrysene-d12	21.79	240	267625	20.00	ng	0.00
87) Perylene-d12	25.15	264	240252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	306010	130.05	ng	0.00
7) Phenol-d6	7.29	99	398725	113.65	ng	0.00
23) Nitrobenzene-d5	9.31	82	298702	99.36	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	148362	115.60	ng	0.00
45) 2-Fluorobiphenyl	13.39	172	729225	94.29	ng	0.00
79) Terphenyl-d14	20.11	244	1140325	93.82	ng	0.00

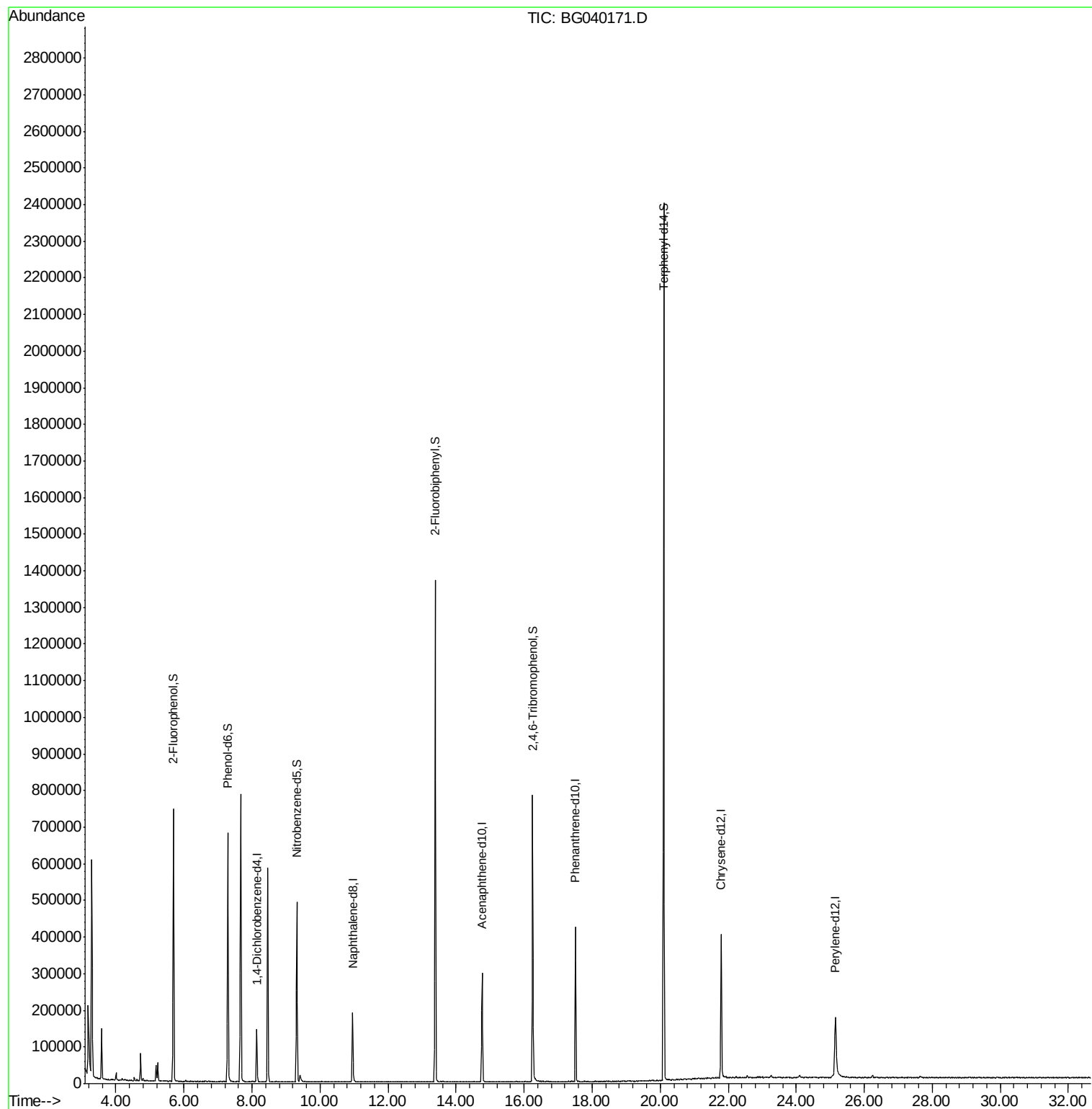
Target Compounds Qvalue

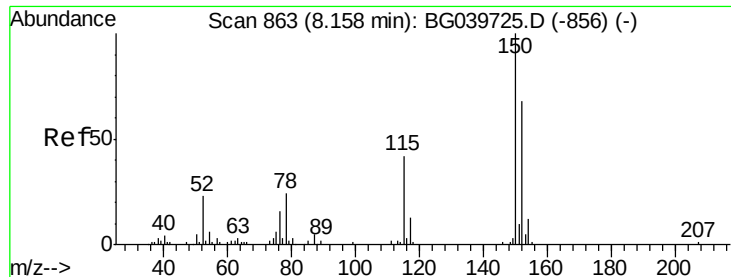
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040171.D

Acq: 27 Mar 2019 7:01

Instrument :

BNA_G

ClientSampleId :

S4C(6-18)COMP

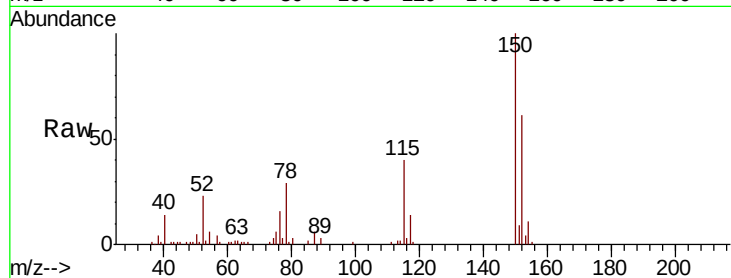
Tot Ion:152 Resp: 40143

Ion Ratio Lower Upper

152 100

150 163.3 115.2 172.8

115 65.9 47.0 70.6

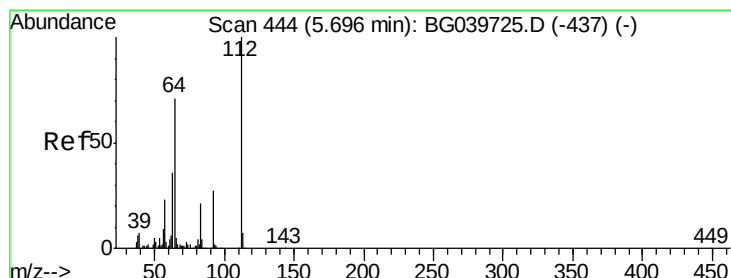
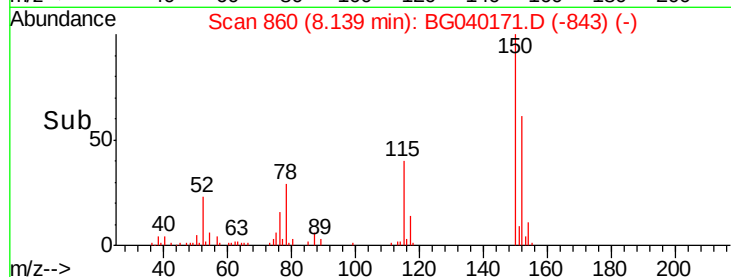
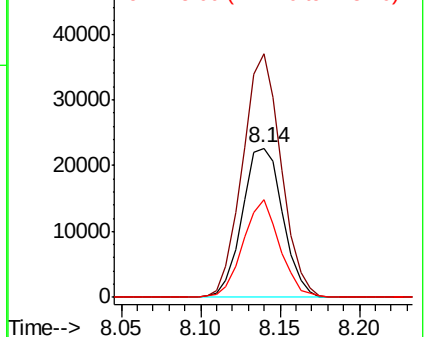


Abundance

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: 130.049 ng

RT: 5.69 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG040171.D

Acq: 27 Mar 2019 7:01

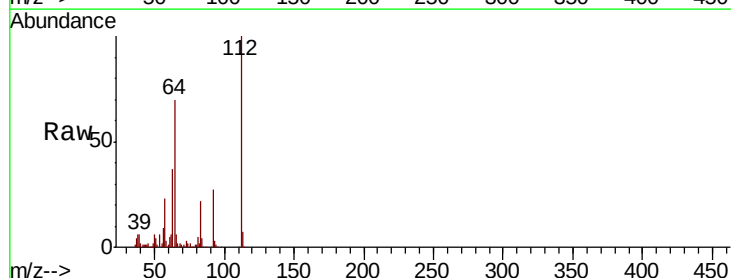
Tgt Ion:112 Resp: 306010

Ion Ratio Lower Upper

112 100

64 69.8 55.5 83.3

63 37.3 30.2 45.4

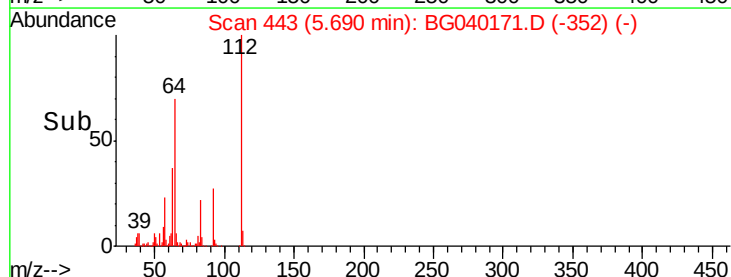
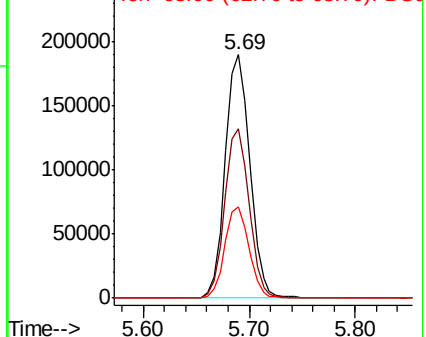


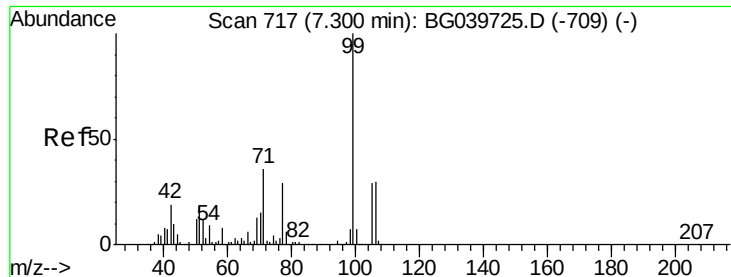
Abundance

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: 113.645 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040171.D

Acq: 27 Mar 2019 7:01

Instrument :

BNA_G

ClientSampleId :

S4C(6-18)COMP

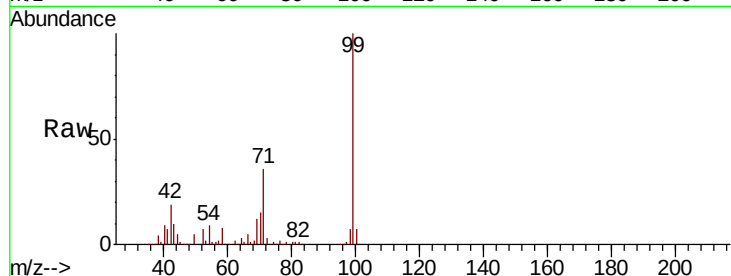
Tot Ion: 99 Resp: 398725

Ion Ratio Lower Upper

99 100

42 19.2 15.4 23.2

71 35.8 29.1 43.7

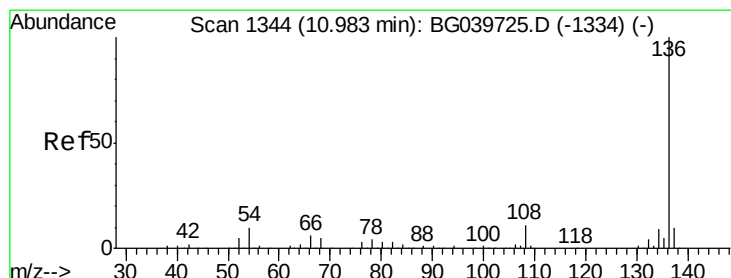
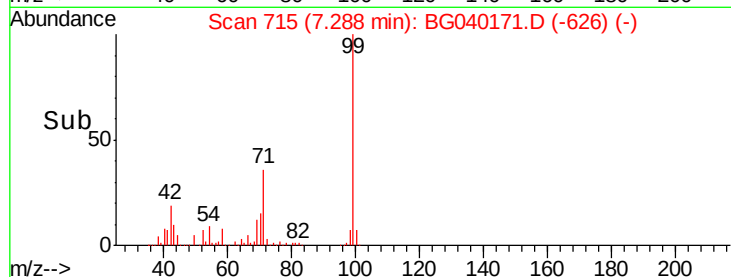
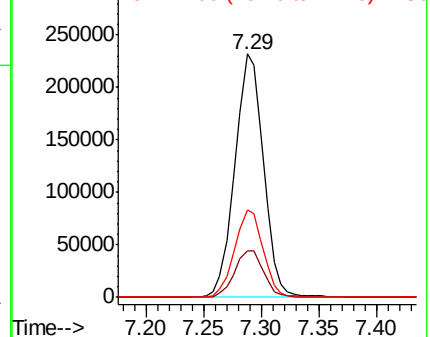


Abundance

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: BG040171.D

Acq: 27 Mar 2019 7:01

Tgt Ion: 136 Resp: 162585

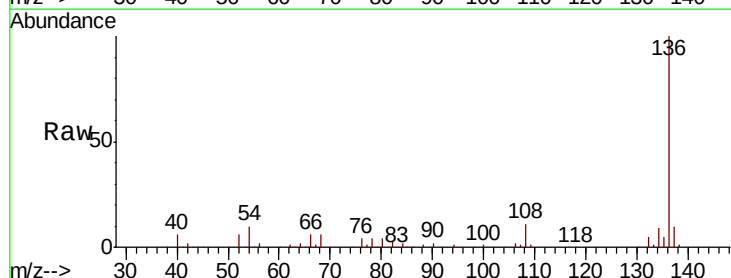
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 9.7 8.5 12.7

68 6.0 4.2 6.2



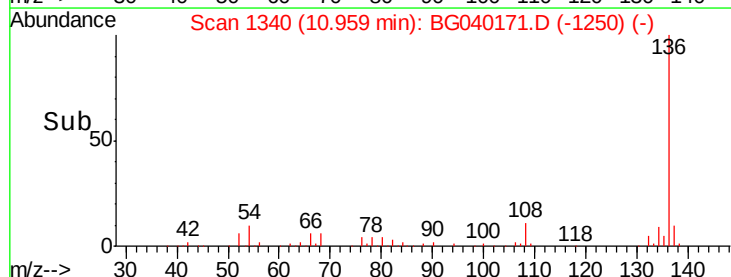
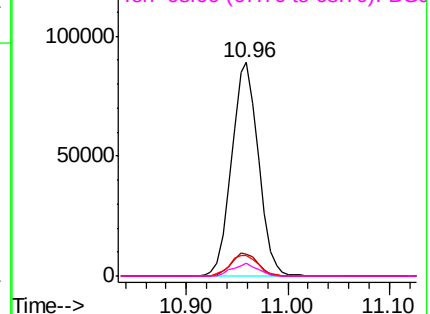
Abundance

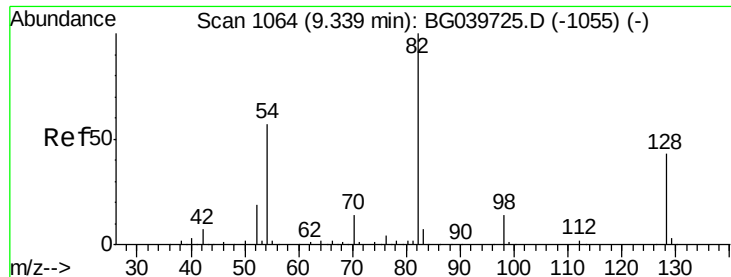
Ion 136.00 (135.70 to 136.70): BGC

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

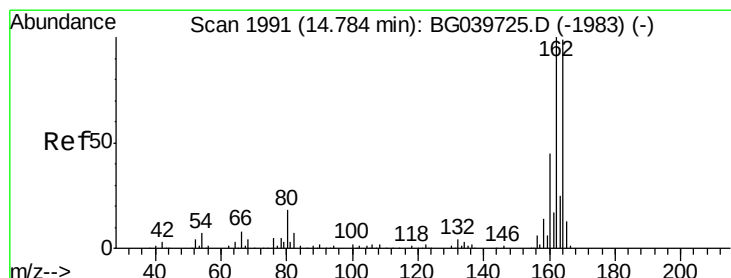
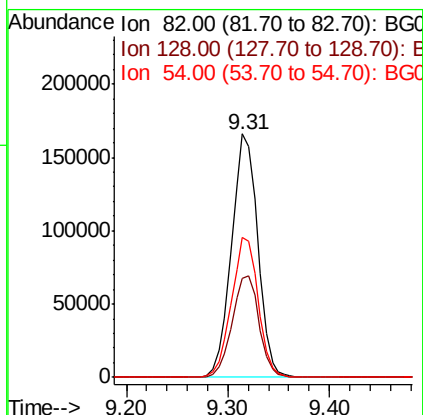
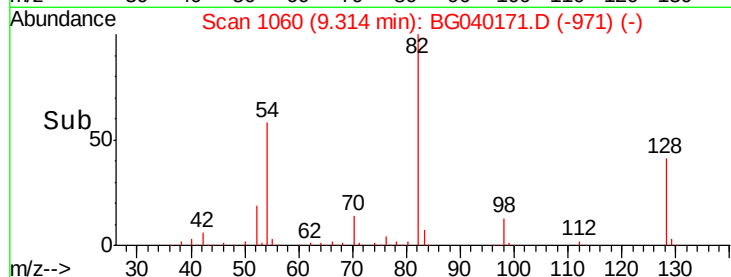
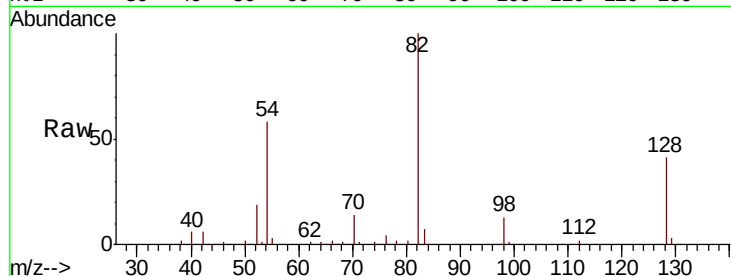




#23
Nitrobenzene-d5
Concen: 99.363 ng
RT: 9.31 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG040171.D
Acq: 27 Mar 2019 7:01

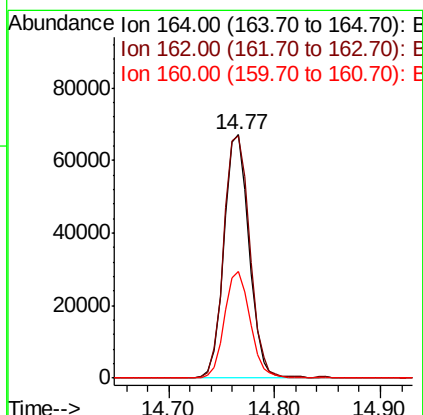
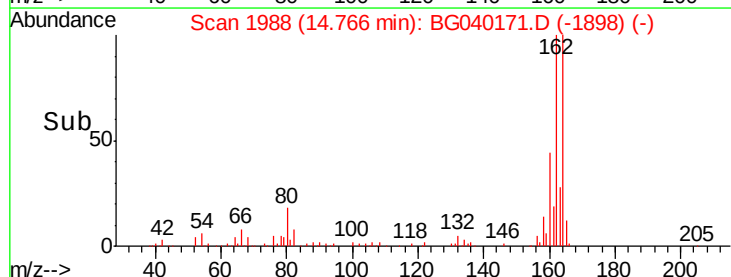
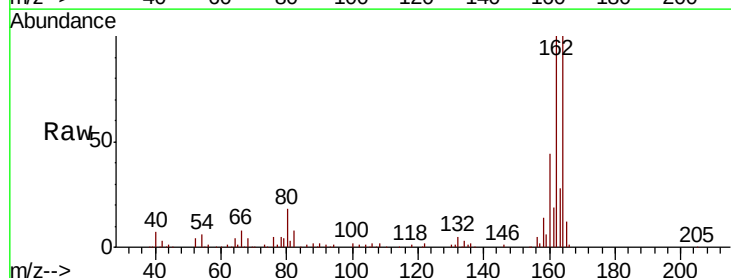
Instrument :
BNA_G
ClientSampleId :
S4C(6-18)COMP

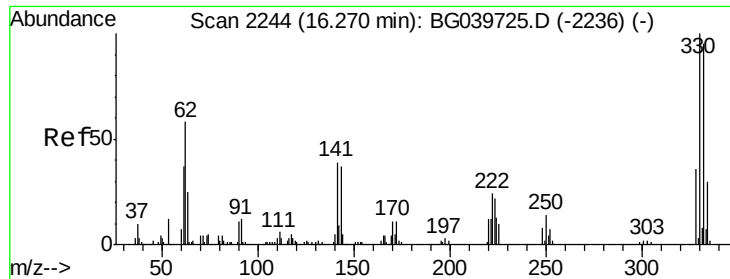
Tot Ion: 82 Resp: 298702
Ion Ratio Lower Upper
82 100
128 40.8 34.3 51.5
54 57.6 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG040171.D
Acq: 27 Mar 2019 7:01

Tgt Ion:164 Resp: 110114
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 43.8 34.5 51.7

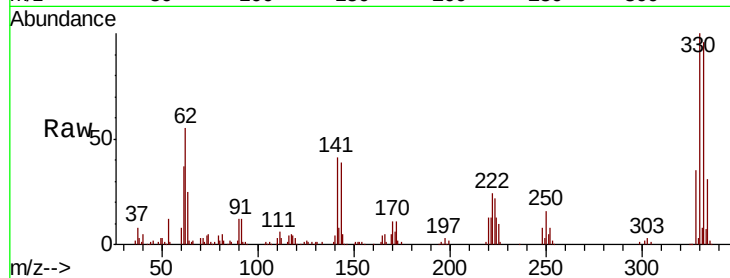




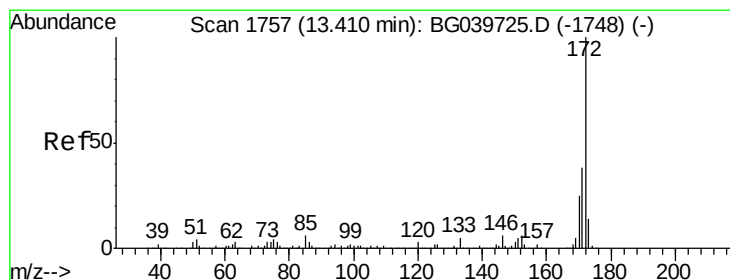
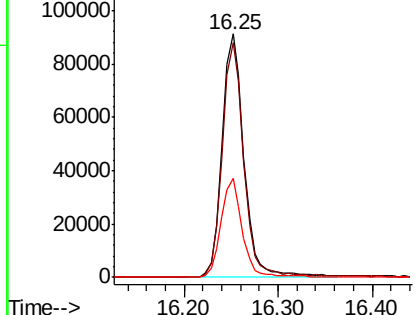
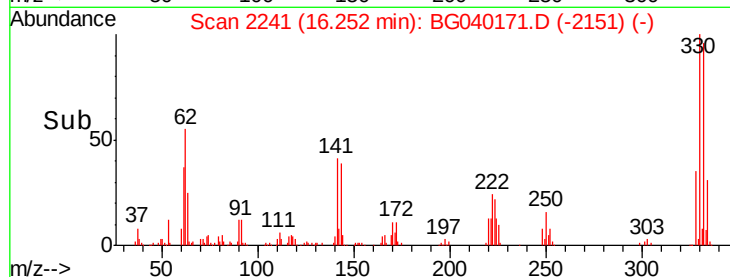
#42
 2,4,6-Tribromophenol
 Concen: 115.595 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG040171.D
 Acq: 27 Mar 2019 7:01

Instrument :
 BNA_G
 ClientSampleId :
 S4C(6-18)COMP

Tot Ion:330 Resp: 148362
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.8 113.8
 141 39.7 31.8 47.6

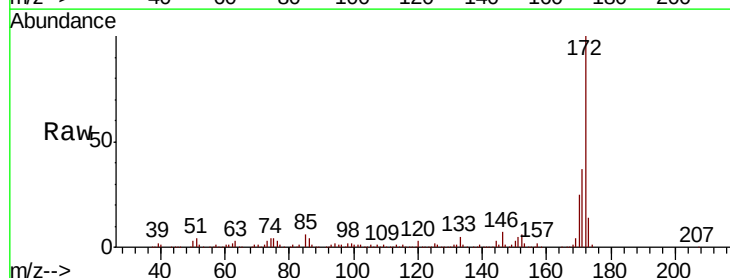


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

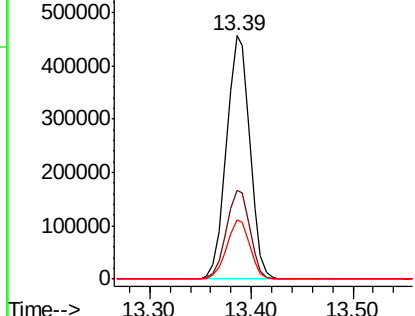
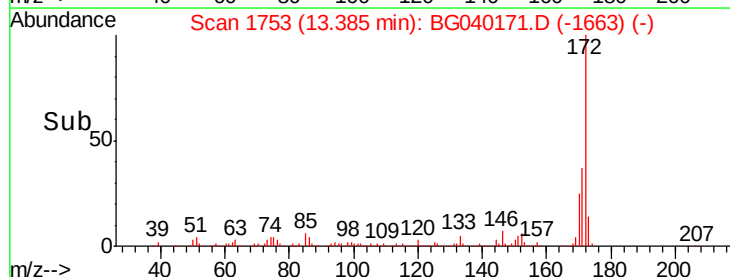


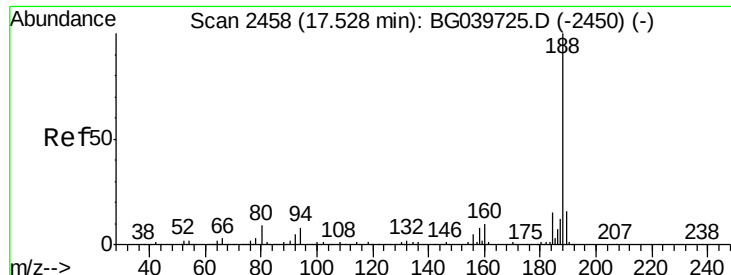
#45
 2-Fluorobiphenyl
 Concen: 94.292 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG040171.D
 Acq: 27 Mar 2019 7:01

Tgt Ion:172 Resp: 729225
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 24.5 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

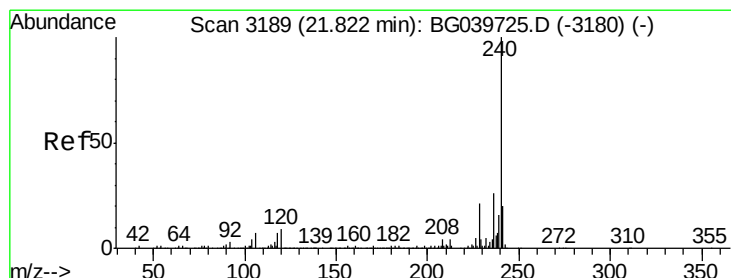
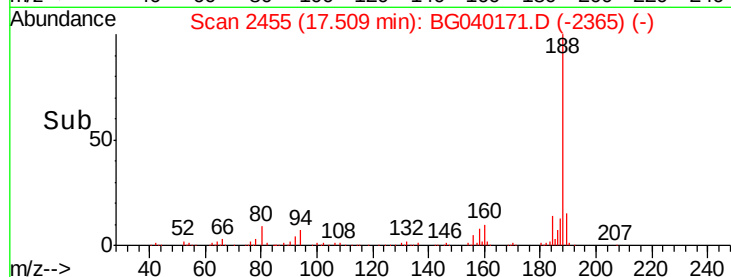
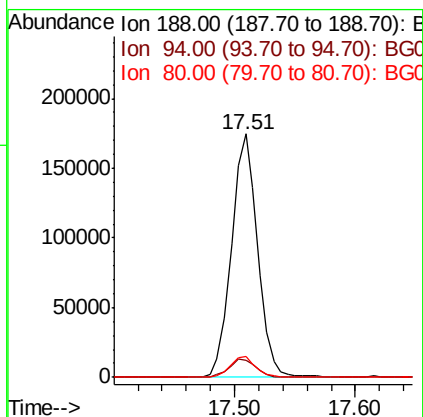
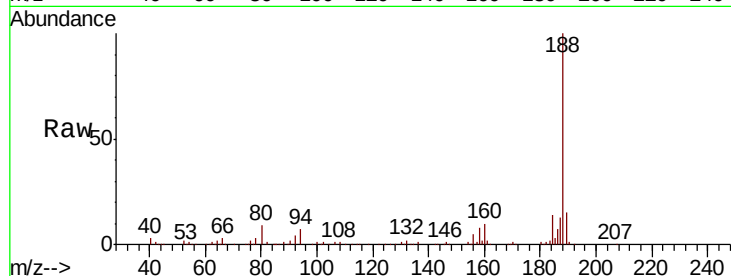




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG040171.D
Acq: 27 Mar 2019 7:01

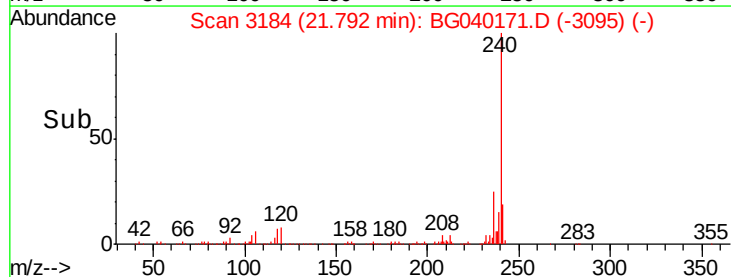
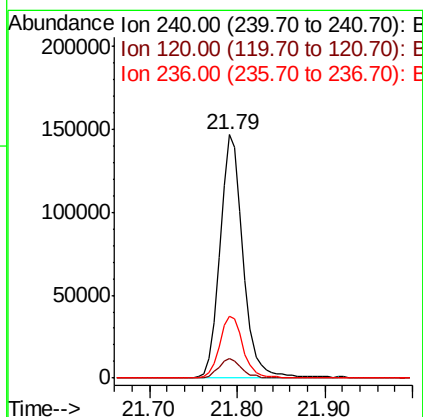
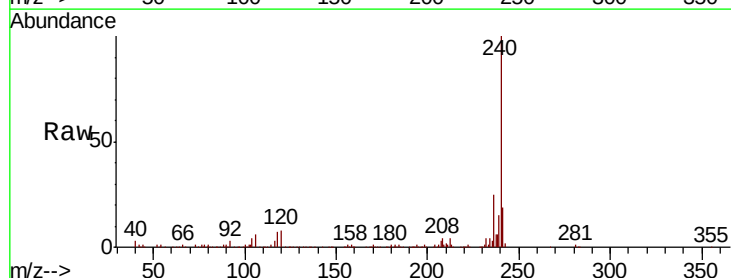
Instrument :
BNA_G
ClientSampleId :
S4C(6-18)COMP

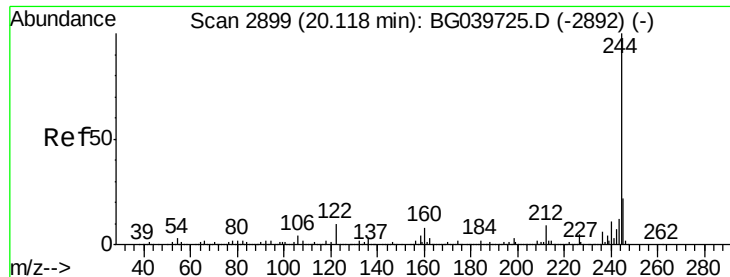
Tot Ion:188 Resp: 262879
Ion Ratio Lower Upper
188 100
94 7.0 6.1 9.1
80 8.8 7.0 10.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG040171.D
Acq: 27 Mar 2019 7:01

Tgt Ion:240 Resp: 267625
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 25.3 21.6 32.4





#79

Terphenyl-d14

Concen: 93.817 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG040171.D

Acq: 27 Mar 2019 7:01

Instrument :

BNA_G

ClientSampleId :

S4C(6-18)COMP

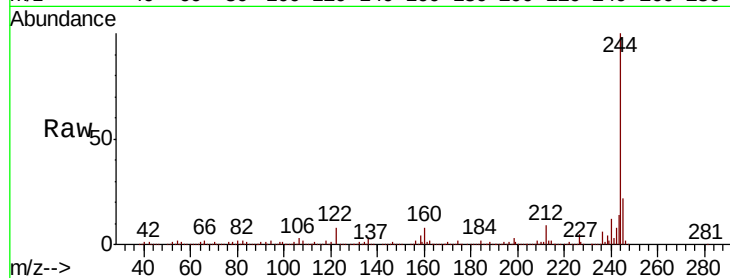
Tot Ion:244 Resp: 1140325

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	8.5	7.0	10.6

244 100

212 8.8 7.3 10.9

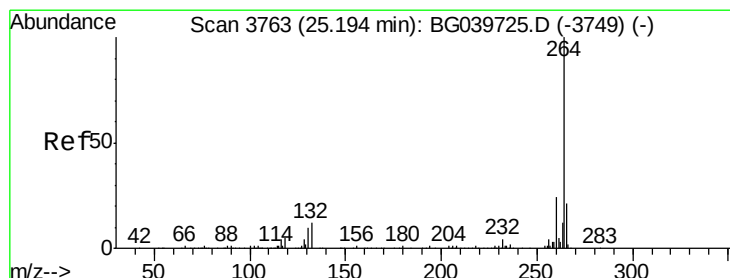
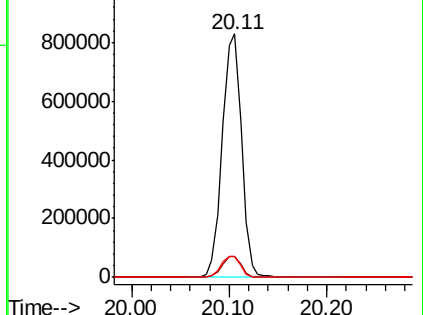
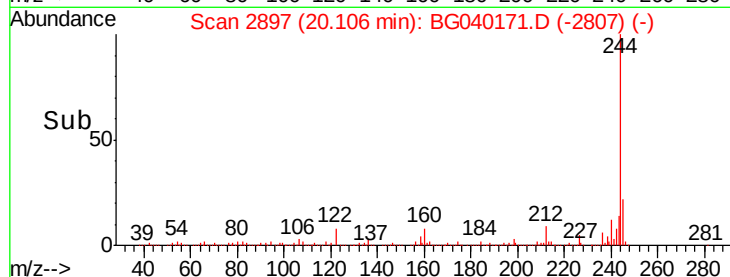
122 8.5 7.0 10.6



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: BG040171.D

Acq: 27 Mar 2019 7:01

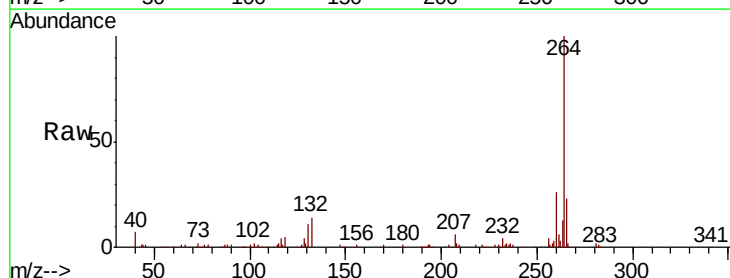
Tgt Ion:264 Resp: 240252

Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.9	28.3
265	22.6	17.2	25.8

264 100

260 26.0 18.9 28.3

265 22.6 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

