

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
 Data File : BG040072.D
 Acq On : 21 Mar 2019 19:10
 Operator : JU/SJ
 Sample : K1694-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032019-A

Quant Time: Mar 22 04:04:08 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	36528	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	163379	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	111665	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	288719	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	290561	20.00	ng	-0.03
87) Perylene-d12	25.16	264	286405	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	286724	133.91	ng	-0.02
7) Phenol-d6	7.29	99	375822	117.72	ng	-0.02
23) Nitrobenzene-d5	9.32	82	279284	92.45	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	185524	142.54	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	709356	90.45	ng	-0.03
79) Terphenyl-d14	20.11	244	1191397	90.28	ng	-0.02

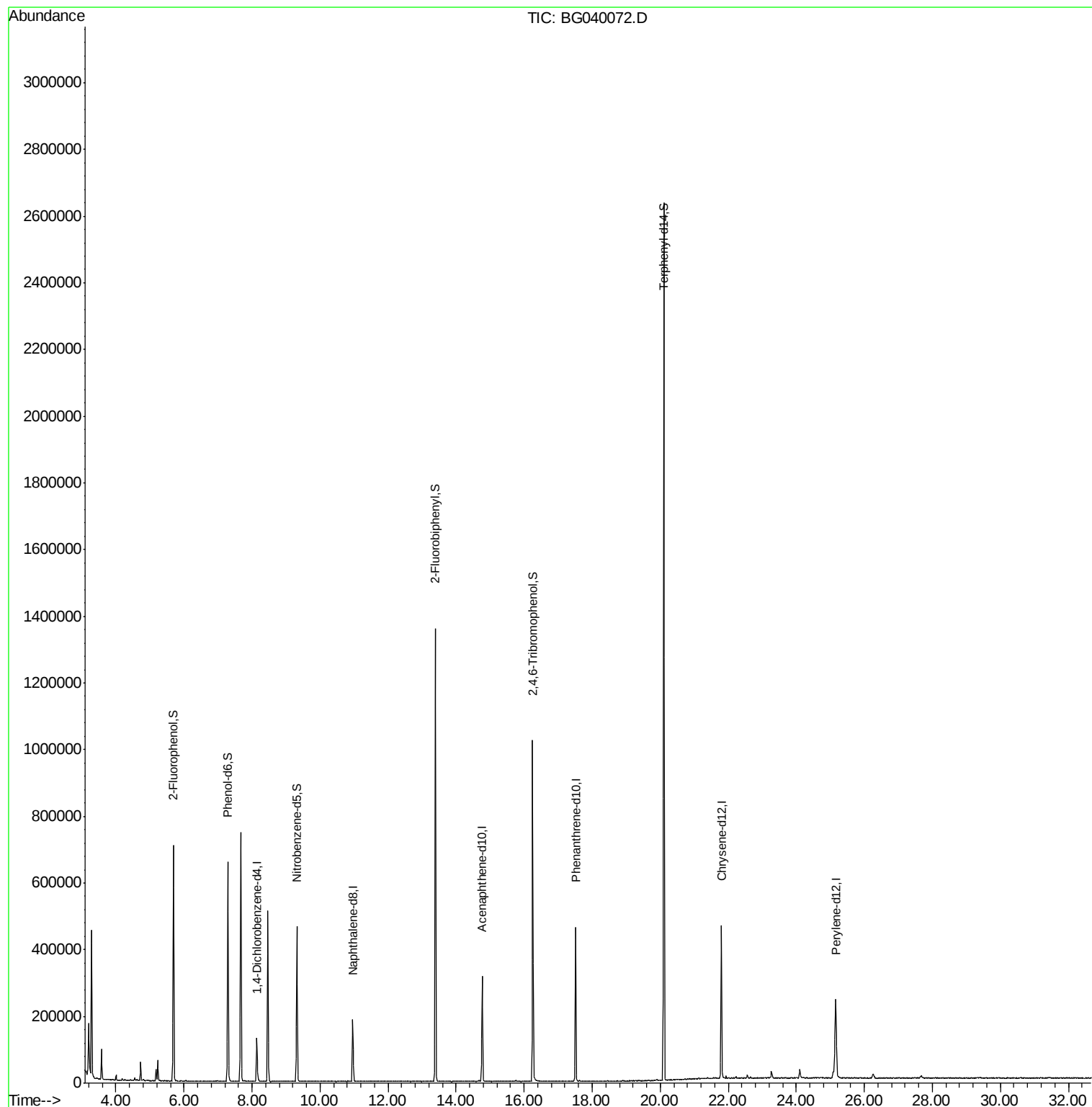
Target Compounds Qvalue

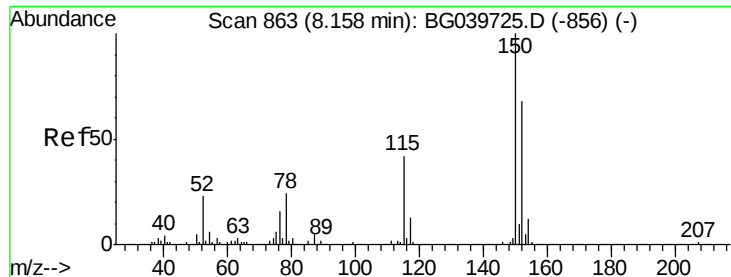
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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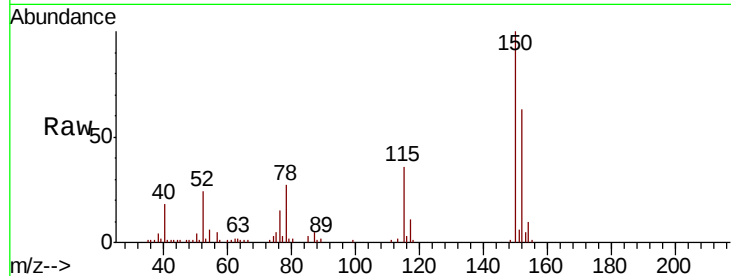


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040072.D
Acq: 21 Mar 2019 19:10

Instrument :
BNA_G
ClientSampleId :
EO-02-032019-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.7	185.5
115	56.6	45.9	68.9

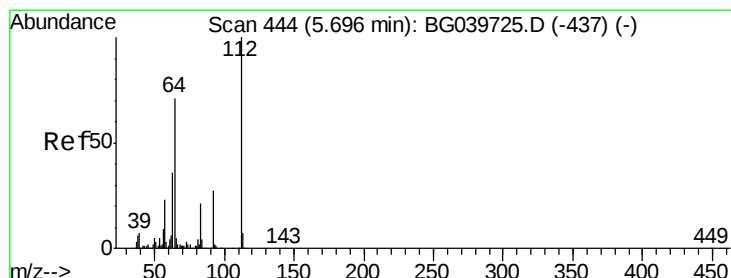
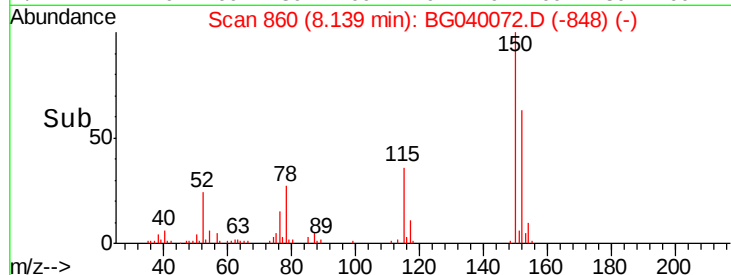
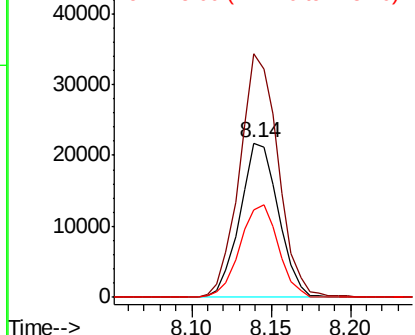


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

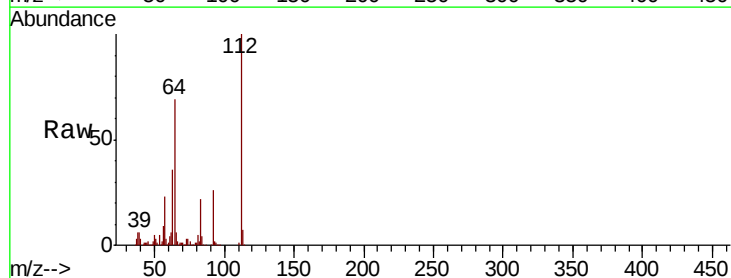
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.912 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040072.D
Acq: 21 Mar 2019 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.8	86.8
63	35.7	29.8	44.6

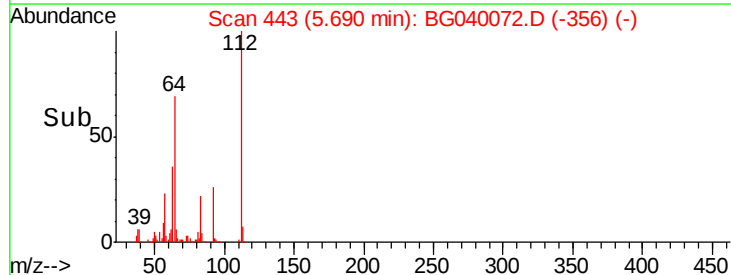
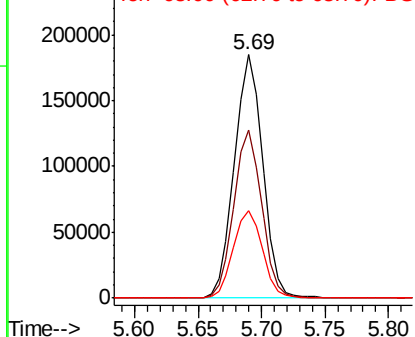


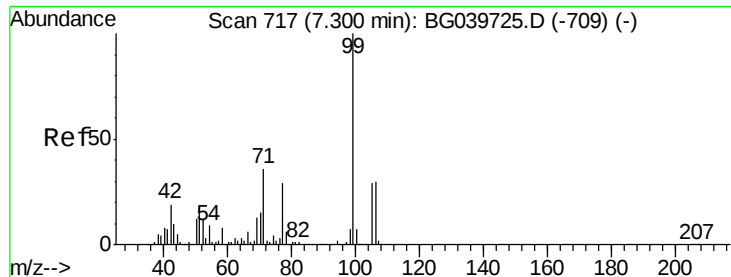
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 117.718 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040072.D

Acq: 21 Mar 2019 19:10

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-A

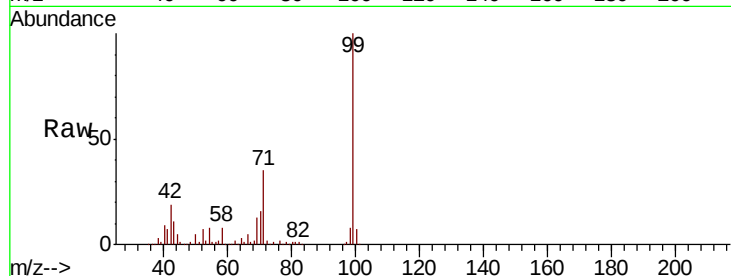
Tot Ion: 99 Resp: 375822

Ion Ratio Lower Upper

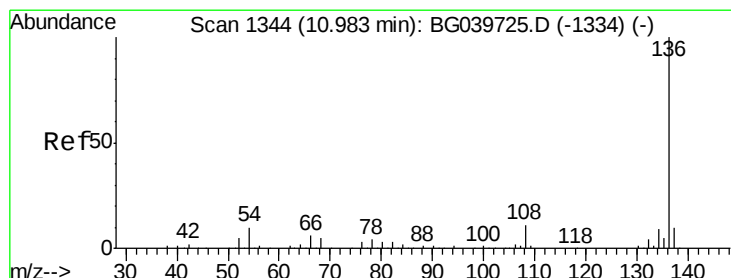
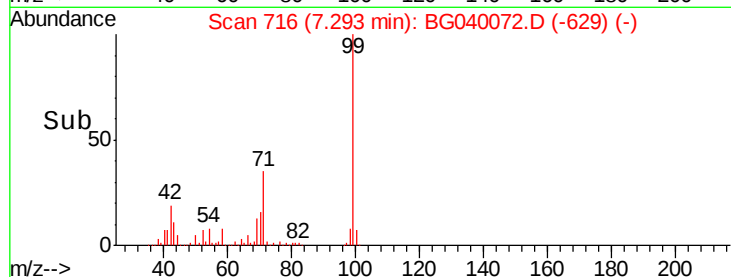
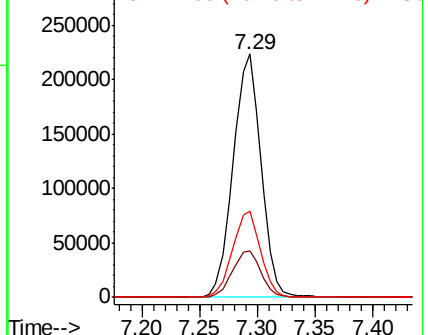
99 100

42 18.8 18.2 27.2

71 35.4 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# 1341

Delta R.T. -0.03 min

Lab File: BG040072.D

Acq: 21 Mar 2019 19:10

Tgt Ion: 136 Resp: 163379

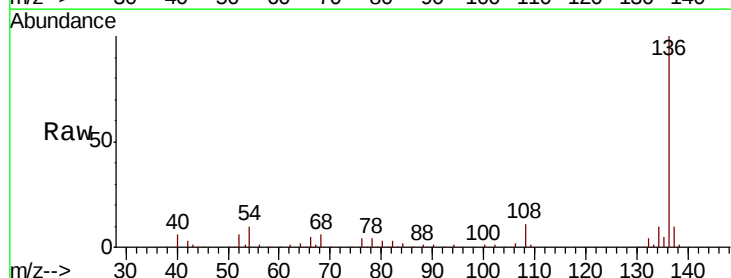
Ion Ratio Lower Upper

136 100

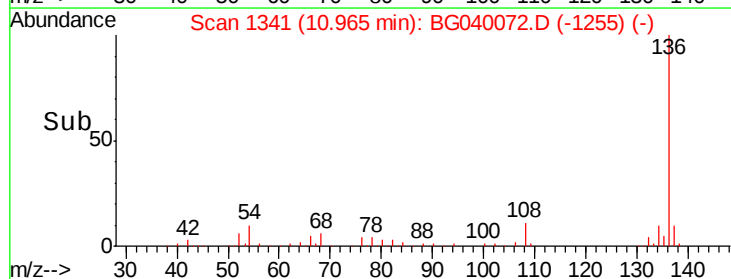
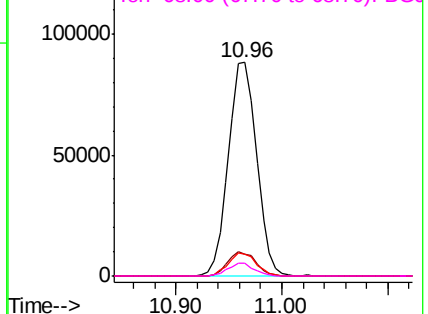
137 10.0 9.1 13.7

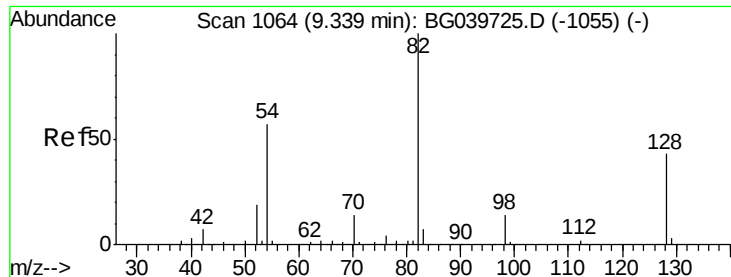
54 10.3 9.4 14.2

68 6.0 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

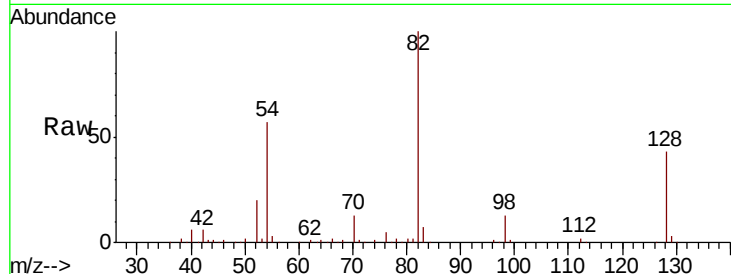




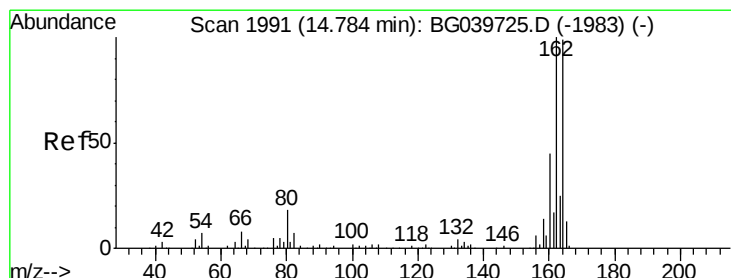
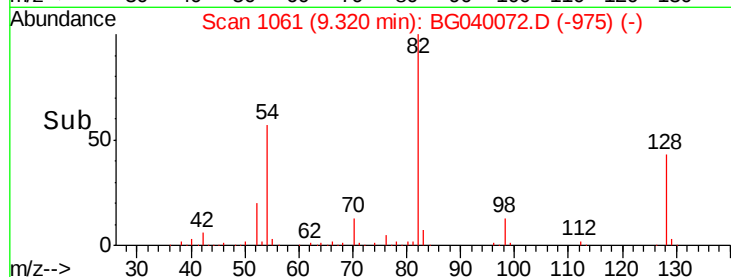
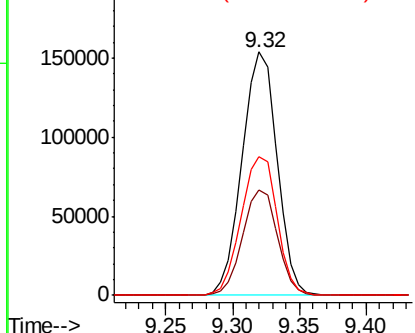
#23
Nitrobenzene-d5
Concen: 92.453 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BG040072.D
Acq: 21 Mar 2019 19:10

Instrument :
BNA_G
ClientSampleId :
EO-02-032019-A

Tot Ion: 82 Resp: 279284
Ion Ratio Lower Upper
82 100
128 43.2 31.3 46.9
54 57.1 50.9 76.3

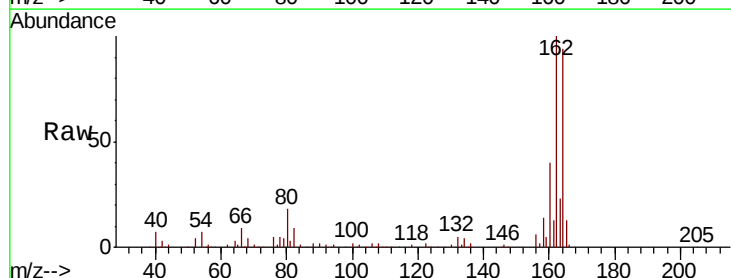


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

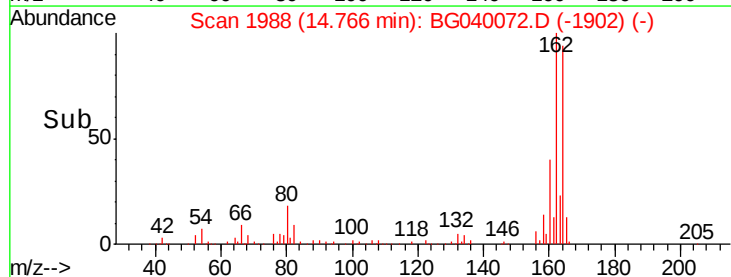
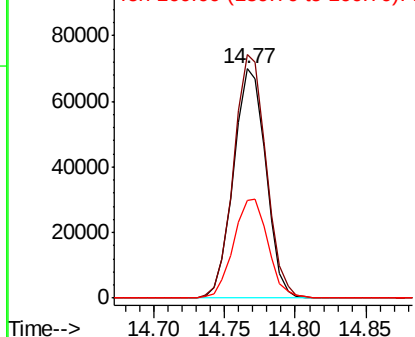


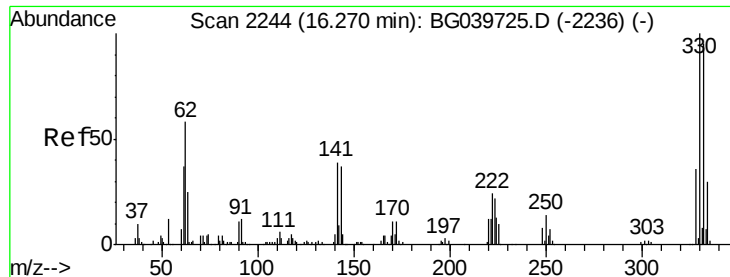
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.03 min
Lab File: BG040072.D
Acq: 21 Mar 2019 19:10

Tgt Ion:164 Resp: 111665
Ion Ratio Lower Upper
164 100
162 106.3 81.6 122.4
160 42.5 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: 142.542 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040072.D

Acq: 21 Mar 2019 19:10

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-A

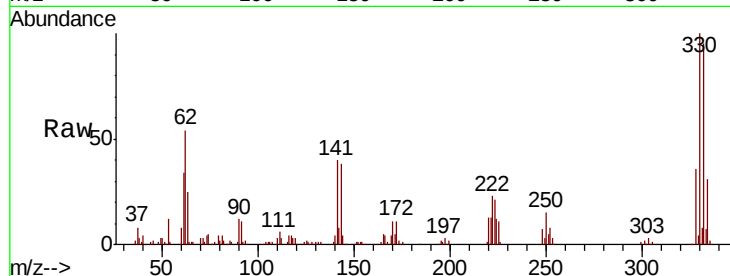
Tot Ion:330 Resp: 185524

Ion Ratio Lower Upper

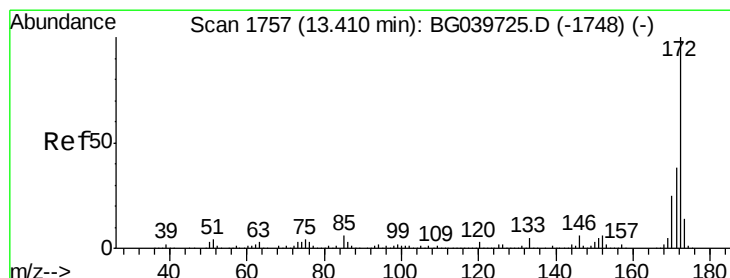
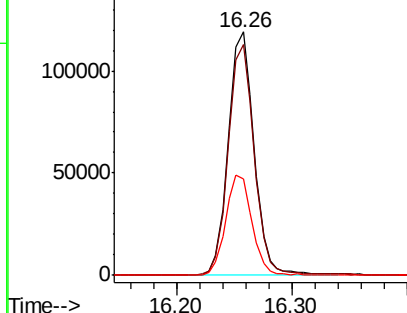
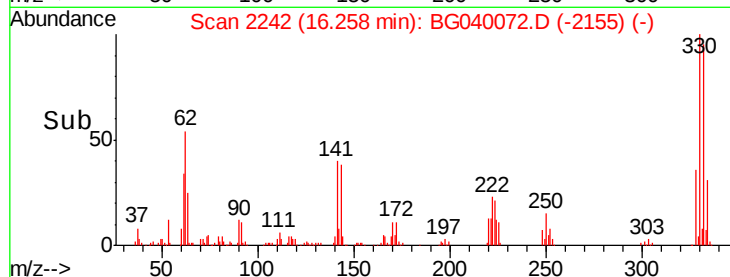
330 100

332 95.5 75.7 113.5

141 41.7 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: 90.449 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.03 min

Lab File: BG040072.D

Acq: 21 Mar 2019 19:10

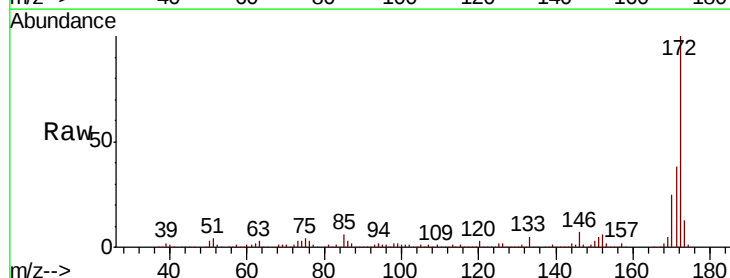
Tgt Ion:172 Resp: 709356

Ion Ratio Lower Upper

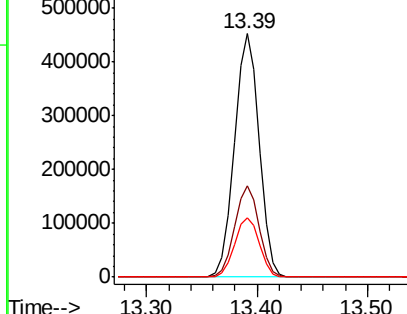
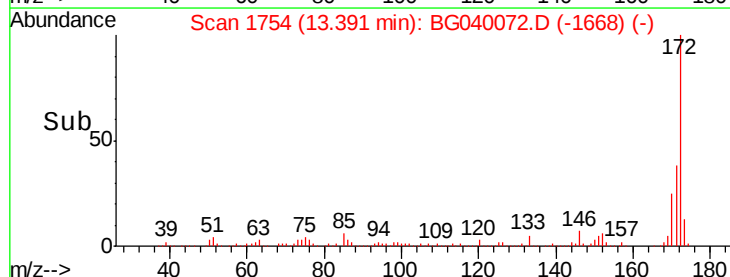
172 100

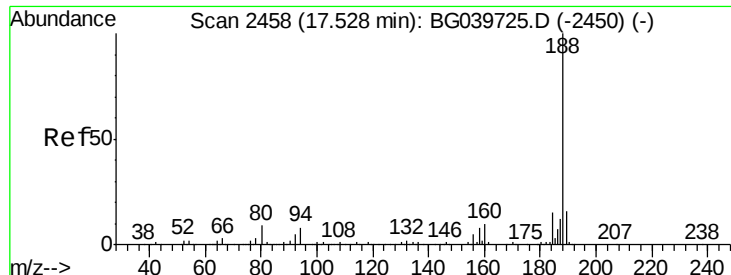
171 37.6 30.8 46.2

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# 2456

Delta R.T. -0.02 min

Lab File: BG040072.D

Acq: 21 Mar 2019 19:10

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-A

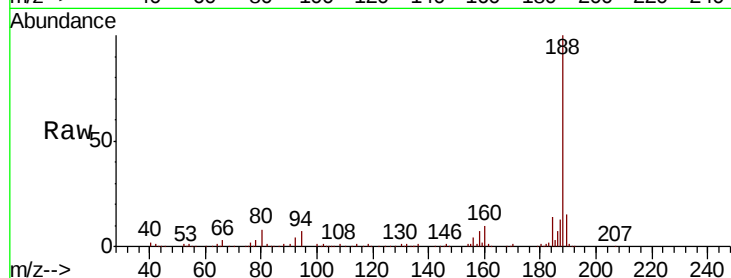
Tot Ion:188 Resp: 288719

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

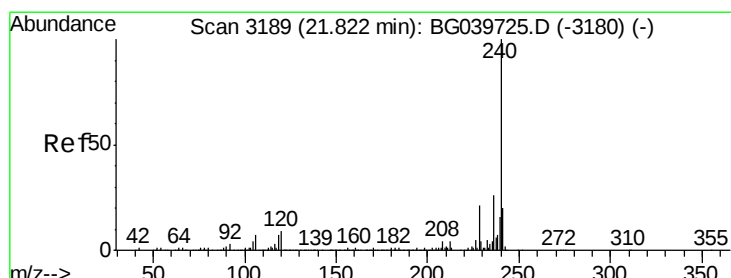
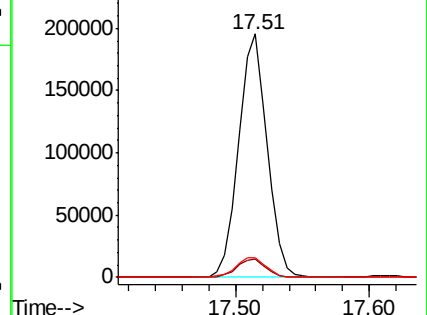
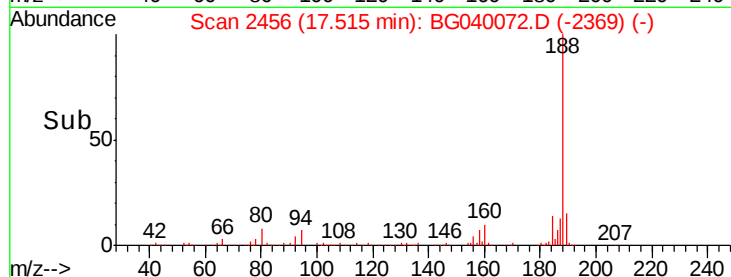
80 8.0 8.1 12.1#



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040072.D

Acq: 21 Mar 2019 19:10

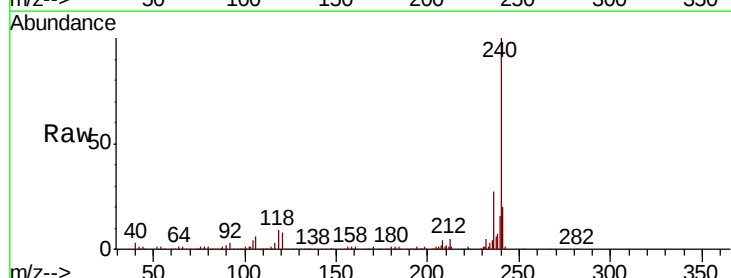
Tgt Ion:240 Resp: 290561

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

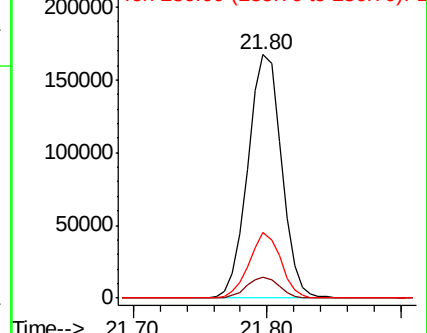
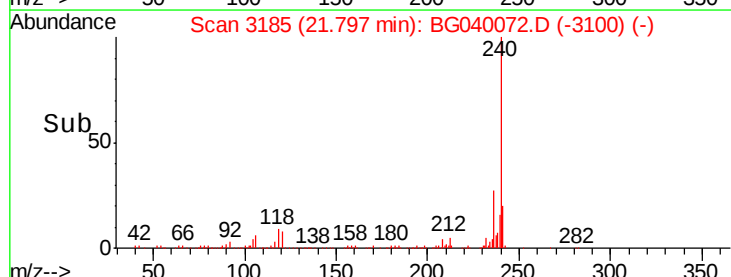
236 26.9 21.0 31.4

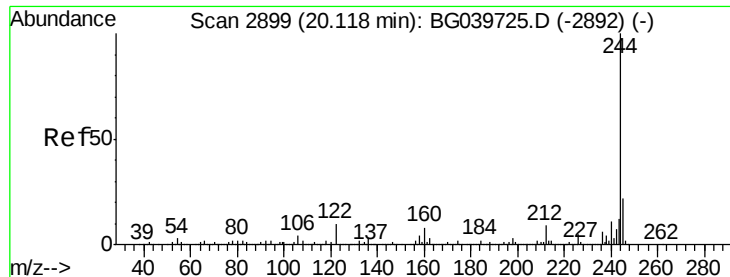


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.281 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040072.D

Acq: 21 Mar 2019 19:10

Instrument :

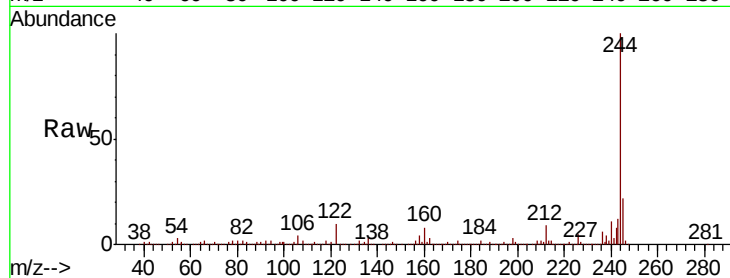
BNA_G

ClientSampleId :

EO-02-032019-A

Tot Ion:244 Resp: 1191397

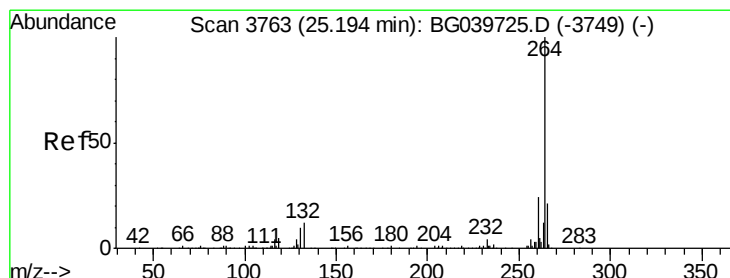
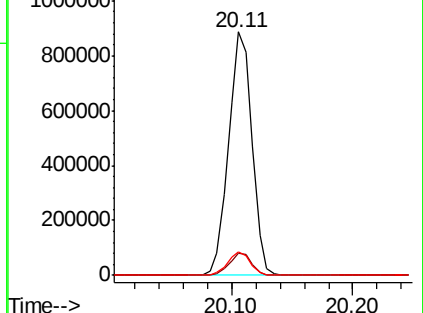
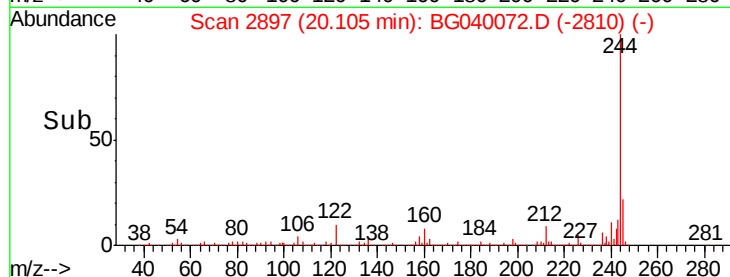
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.8	8.4	12.6



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: 25.16 min Scan# 3757

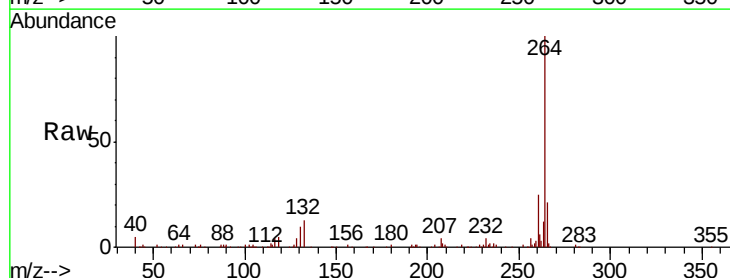
Delta R.T. -0.04 min

Lab File: BG040072.D

Acq: 21 Mar 2019 19:10

Tgt Ion:264 Resp: 286405

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	21.3	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

