

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
 Data File : BG040073.D
 Acq On : 21 Mar 2019 19:50
 Operator : JU/SJ
 Sample : K1694-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 22 04:04:49 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	8.15	152	38471	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	168229	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	117691	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	295012	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	293181	20.00	ng	-0.03
87) Perylene-d12	25.16	264	290691	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	302137	133.98	ng	-0.02
7) Phenol-d6	7.29	99	389540	115.85	ng	-0.02
23) Nitrobenzene-d5	9.32	82	292322	93.98	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	186061	135.64	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	736329	89.08	ng	-0.02
79) Terphenyl-d14	20.11	244	1185673	89.04	ng	-0.02

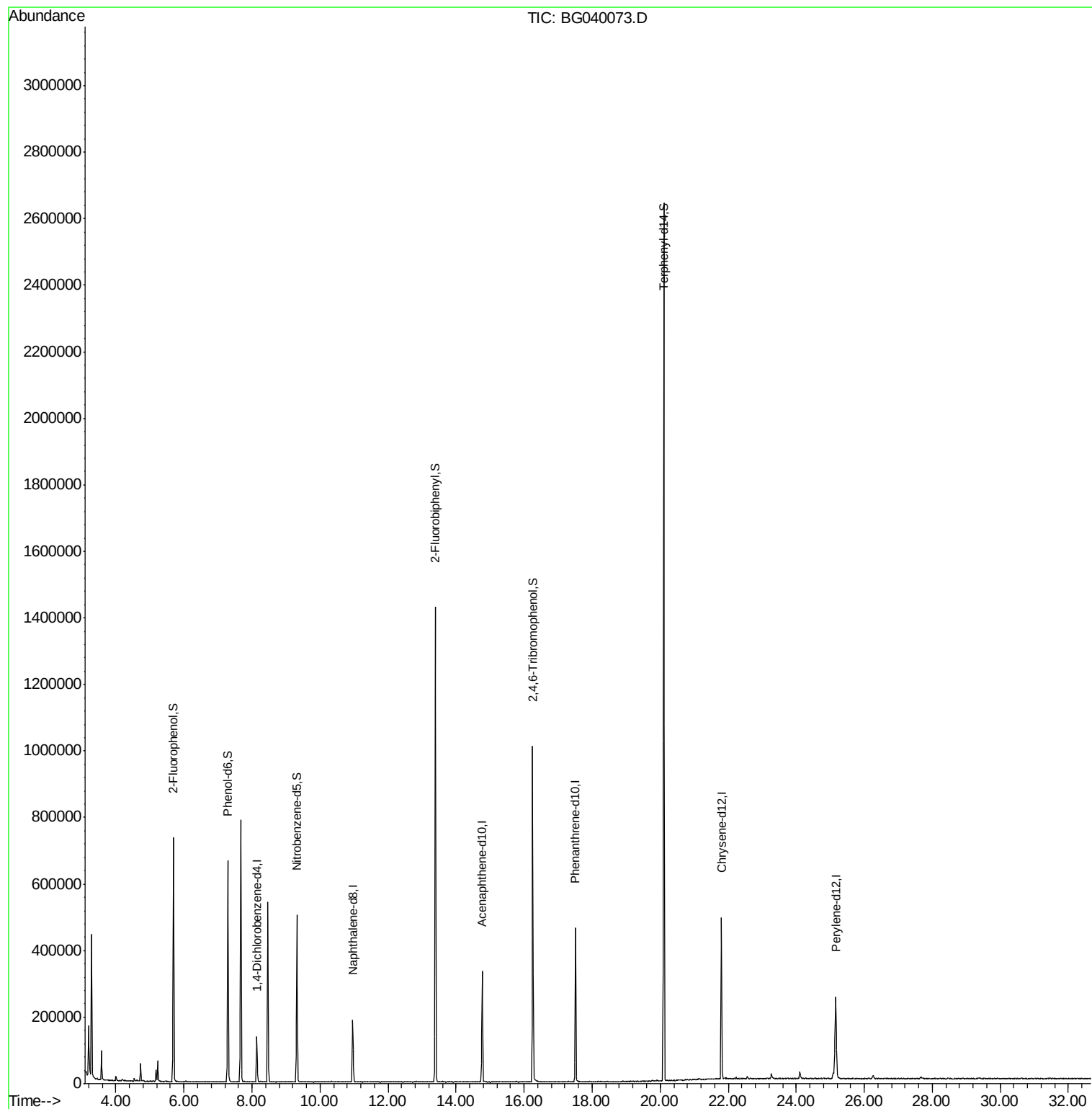
Target Compounds Qvalue

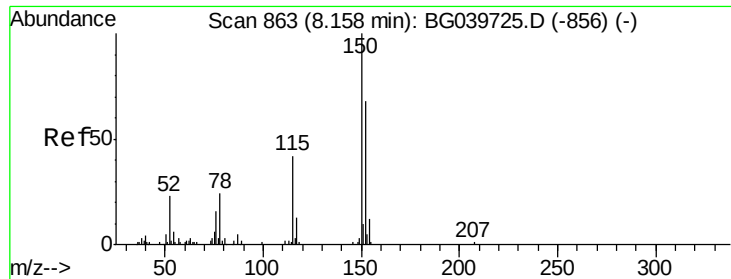
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
Data File : BG040073.D
Acq On : 21 Mar 2019 19:50
Operator : JU/SJ
Sample : K1694-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 22 04:04:49 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



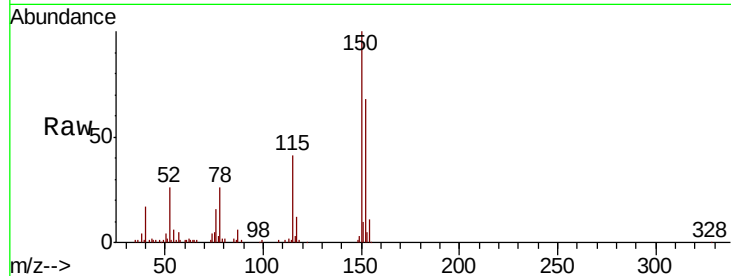


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040073.D
Acq: 21 Mar 2019 19:50

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	123.7	185.5
115	61.2	45.9	68.9

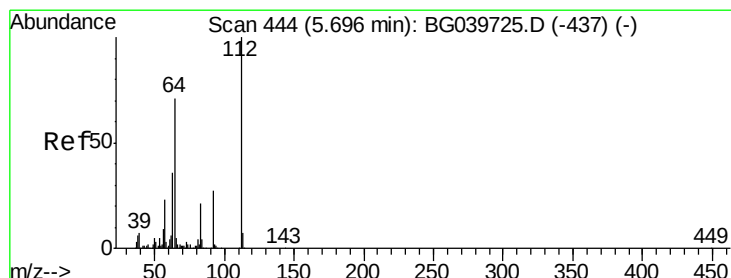
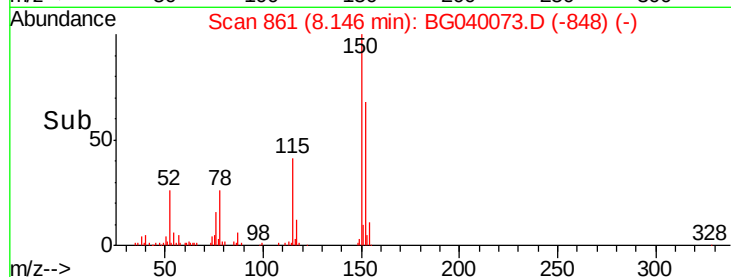
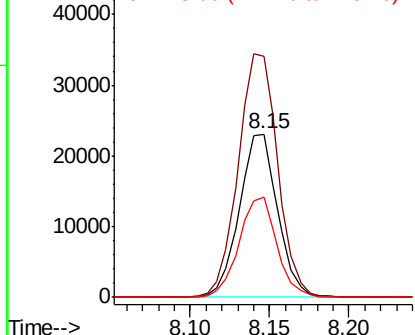


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

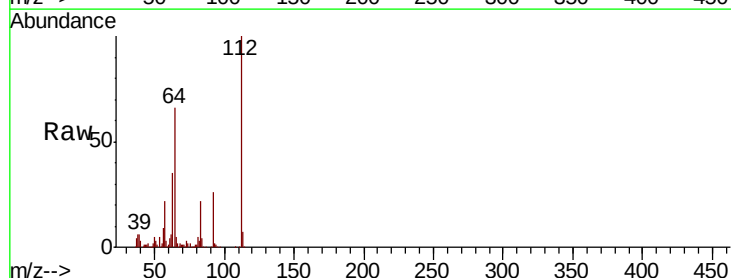
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.984 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040073.D
Acq: 21 Mar 2019 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	57.8	86.8
63	35.4	29.8	44.6

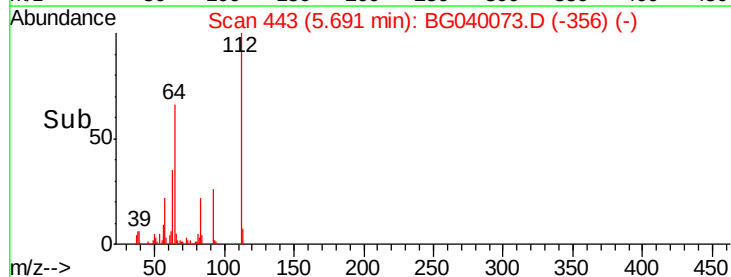
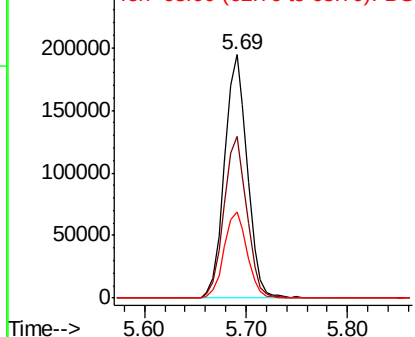


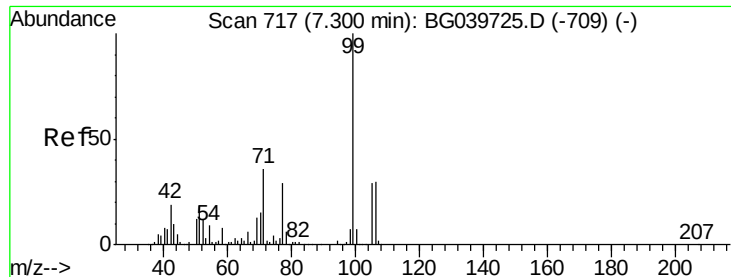
Abundance

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: 115.852 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040073.D

Acq: 21 Mar 2019 19:50

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-B

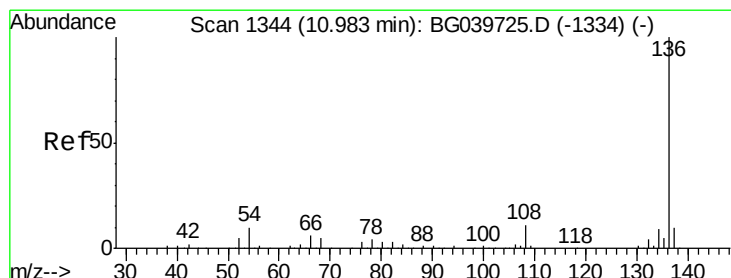
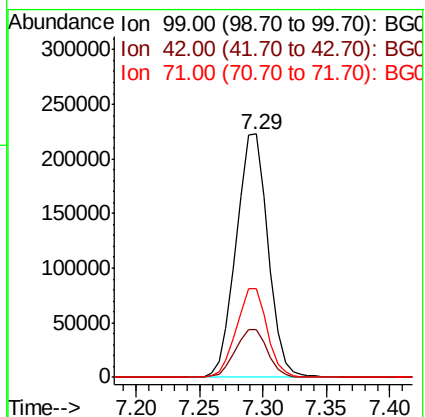
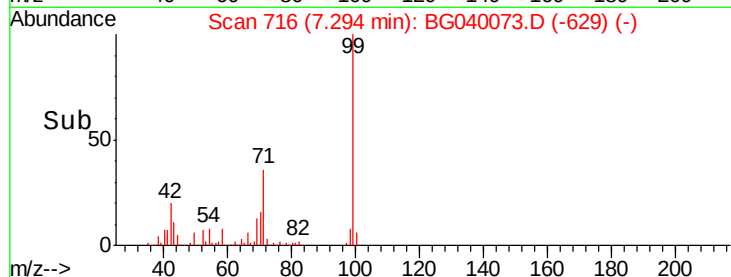
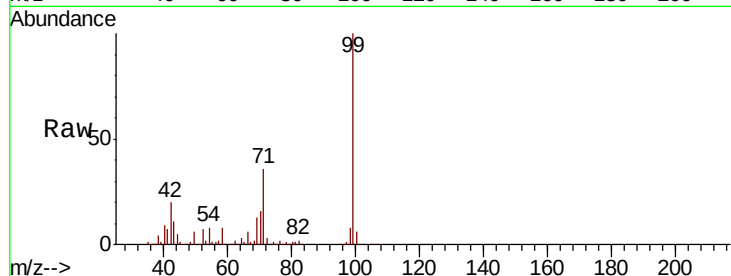
Tot Ion: 99 Resp: 389540

Ion Ratio Lower Upper

99 100

42 19.7 18.2 27.2

71 36.4 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040073.D

Acq: 21 Mar 2019 19:50

Tgt Ion: 136 Resp: 168229

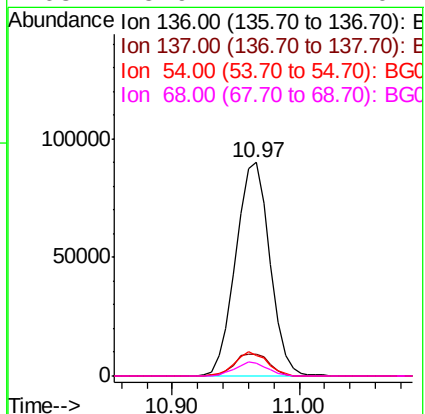
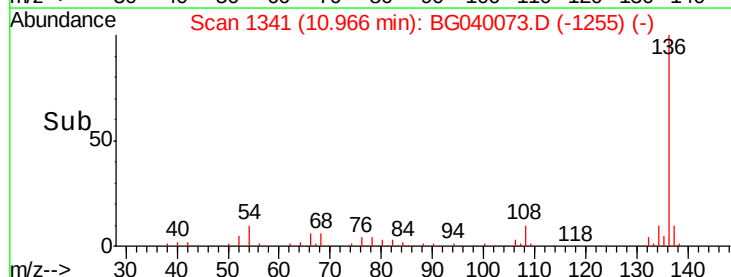
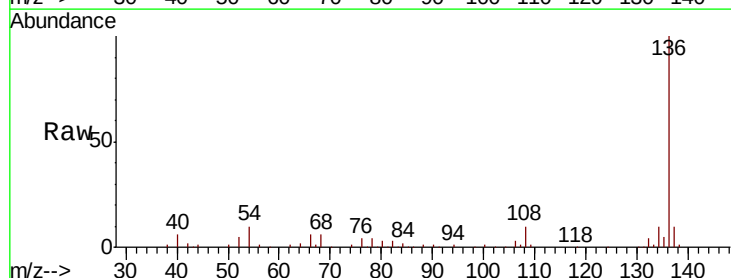
Ion Ratio Lower Upper

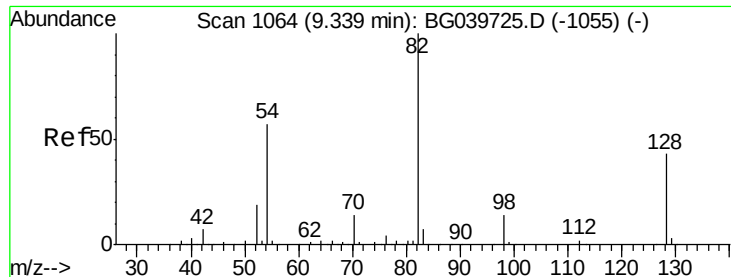
136 100

137 10.2 9.1 13.7

54 9.9 9.4 14.2

68 5.9 4.2 6.4

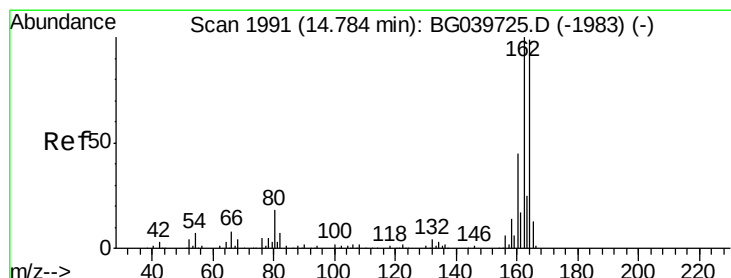
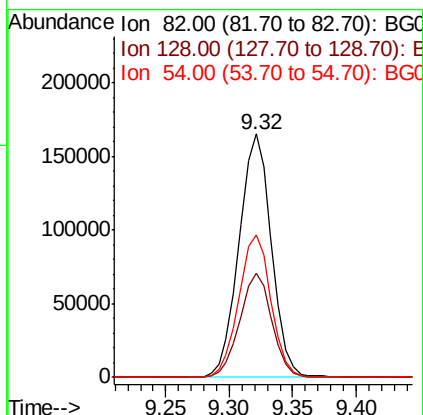
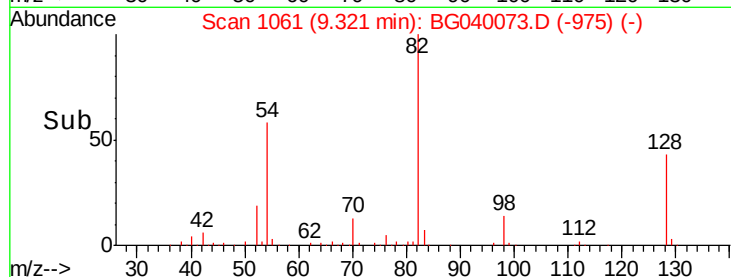
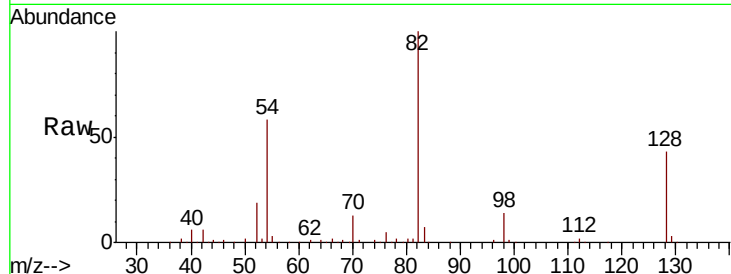




#23
Nitrobenzene-d5
Concen: 93.979 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040073.D
Acq: 21 Mar 2019 19:50

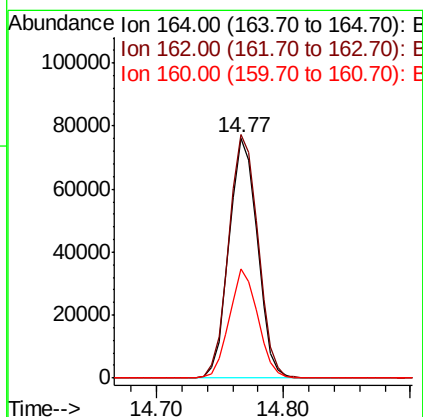
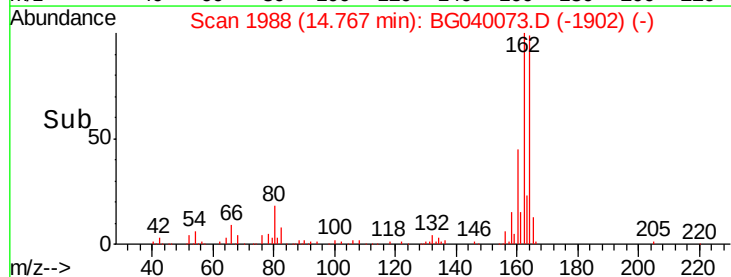
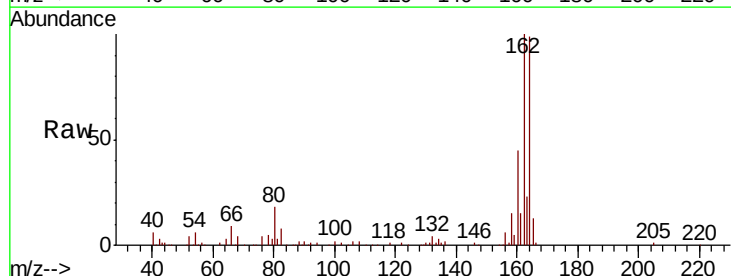
Instrument :
BNA_G
ClientSampleId :
EO-02-032019-B

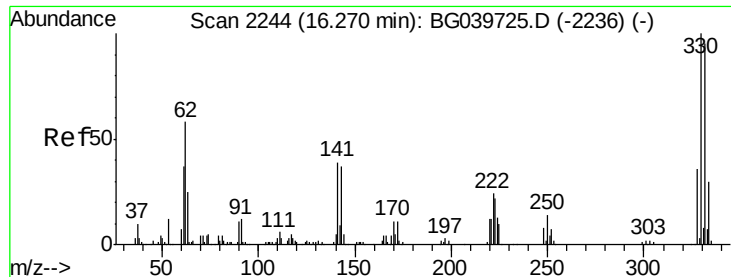
Tot Ion: 82 Resp: 292322
Ion Ratio Lower Upper
82 100
128 42.9 31.3 46.9
54 58.3 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040073.D
Acq: 21 Mar 2019 19:50

Tgt Ion:164 Resp: 117691
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 45.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 135.635 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040073.D

Acq: 21 Mar 2019 19:50

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-B

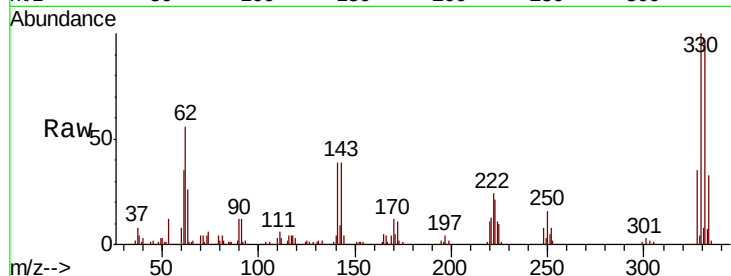
Tot Ion:330 Resp: 186061

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

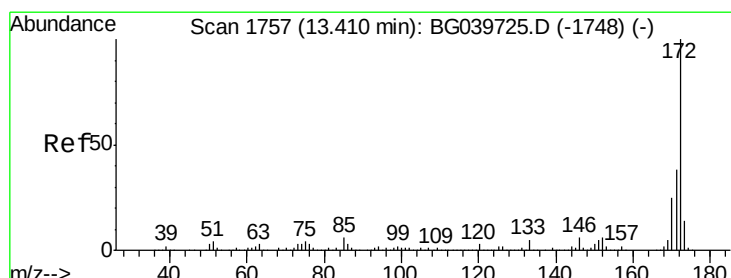
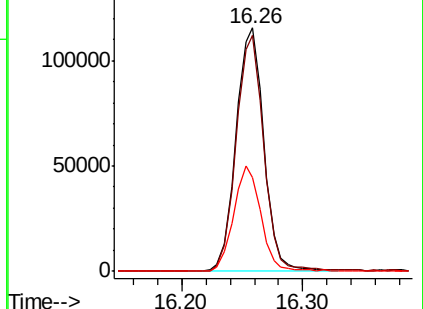
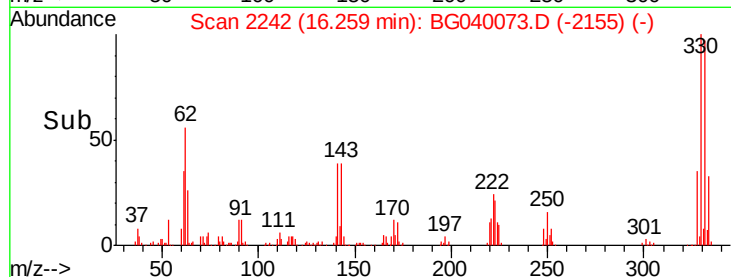
141 41.9 35.6 53.4



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: 89.081 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040073.D

Acq: 21 Mar 2019 19:50

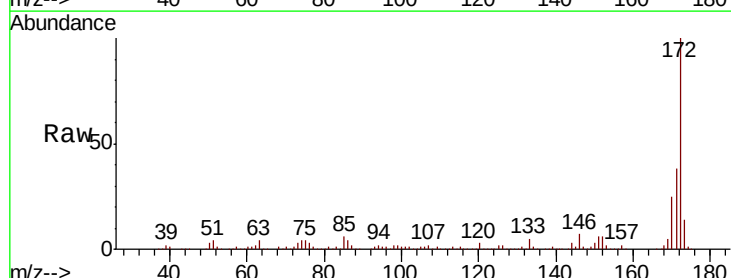
Tgt Ion:172 Resp: 736329

Ion Ratio Lower Upper

172 100

171 37.5 30.8 46.2

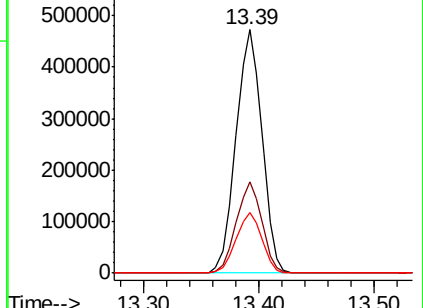
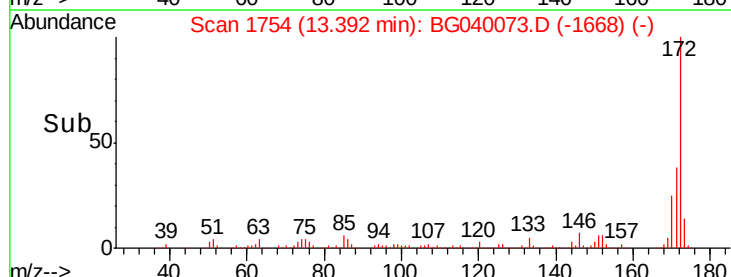
170 25.1 20.2 30.4

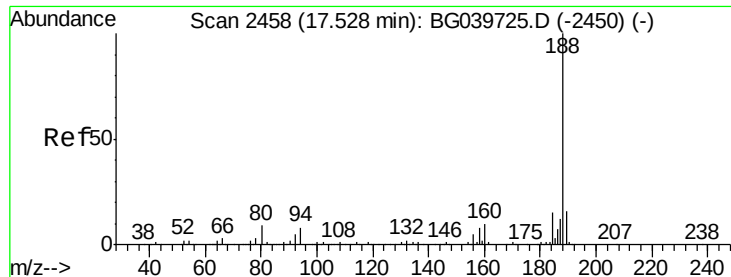


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2455

Delta R.T. -0.02 min

Lab File: BG040073.D

Acq: 21 Mar 2019 19:50

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-B

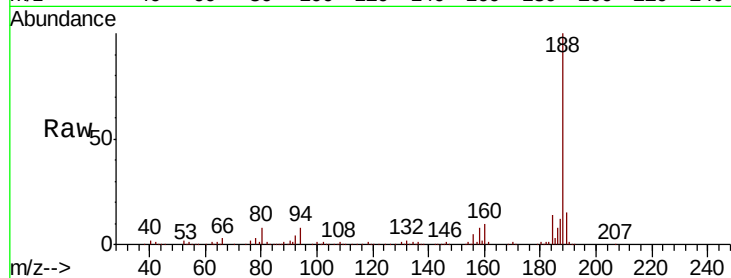
Tot Ion:188 Resp: 295012

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

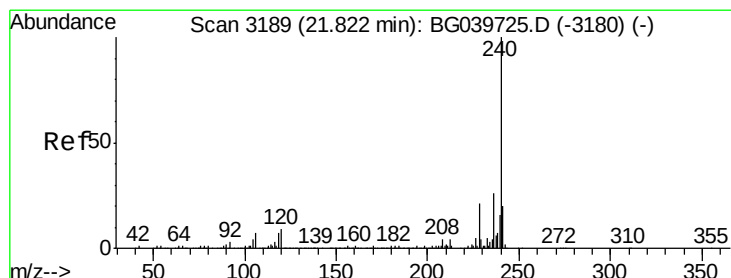
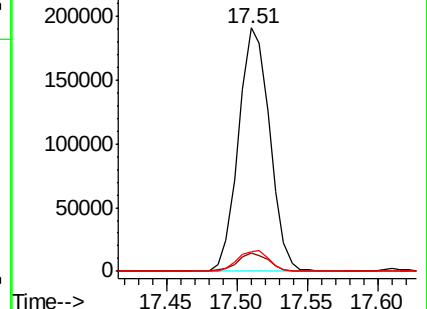
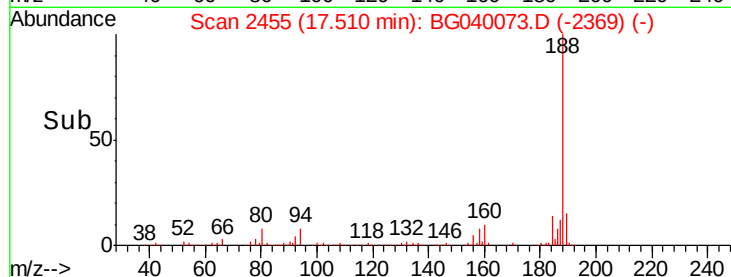
80 8.2 8.1 12.1



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: BG040073.D

Acq: 21 Mar 2019 19:50

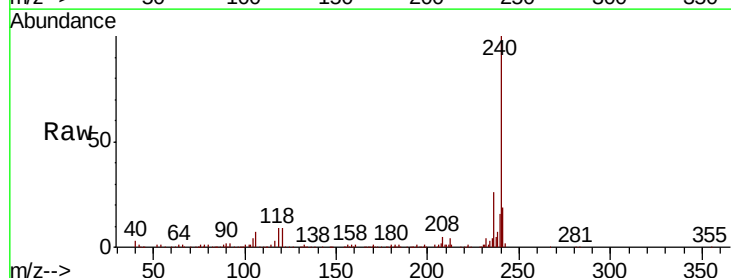
Tgt Ion:240 Resp: 293181

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

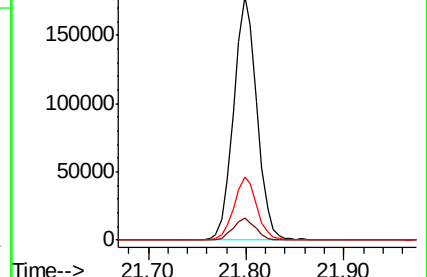
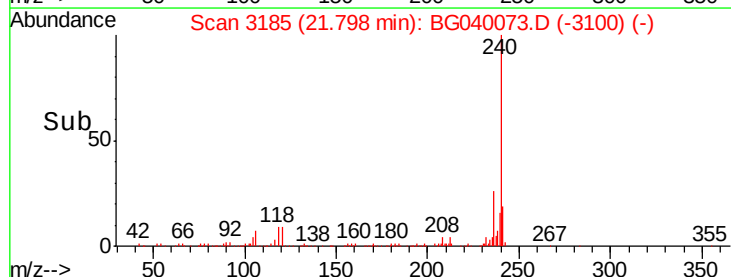
236 26.0 21.0 31.4

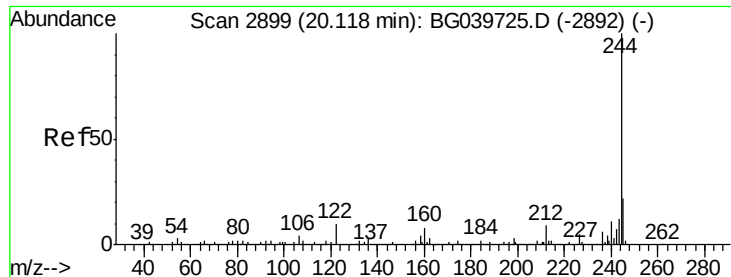


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.045 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040073.D

Acq: 21 Mar 2019 19:50

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-B

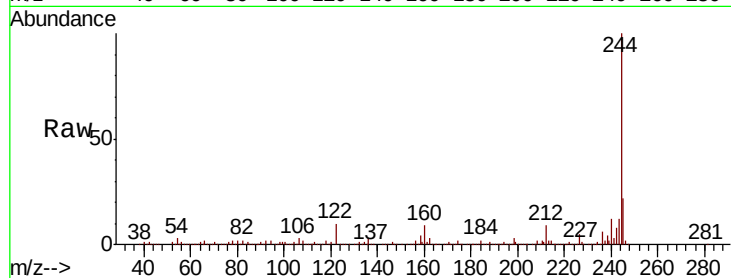
Tot Ion:244 Resp: 1185673

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

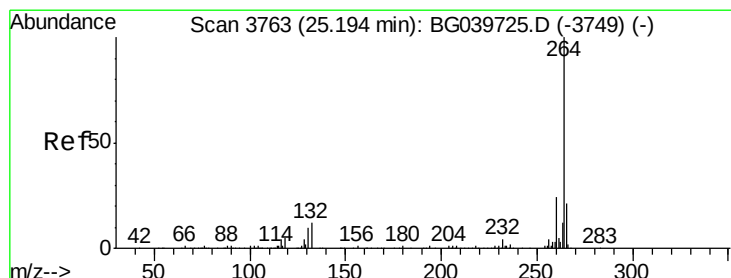
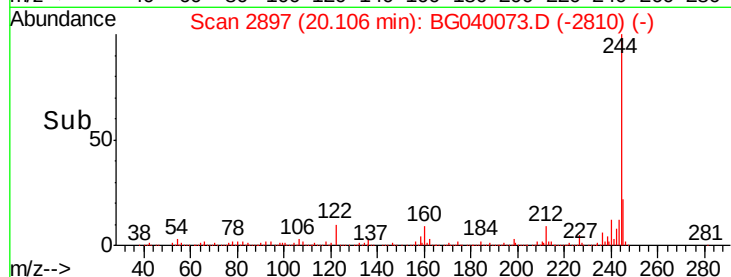
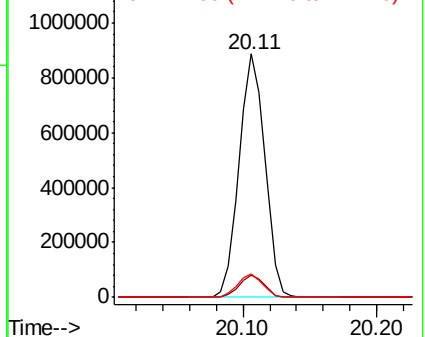
122 9.6 8.4 12.6



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: BG040073.D

Acq: 21 Mar 2019 19:50

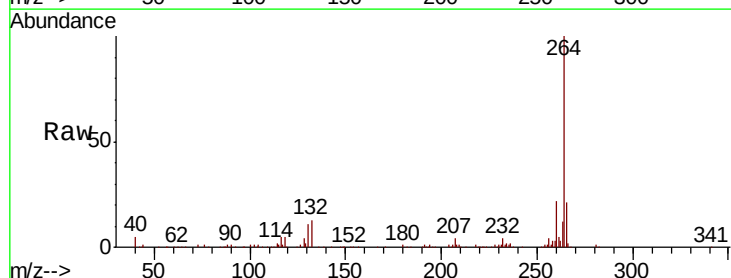
Tgt Ion:264 Resp: 290691

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 21.2 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

