

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039958.D
 Acq On : 16 Mar 2019 2:34
 Operator : JU/SJ
 Sample : PB117975BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BL

Quant Time: Mar 16 05:16:28 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	38530	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	162667	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	110864	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	277084	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	293227	20.00	ng	-0.02
87) Perylene-d12	25.17	264	286467	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	310688	137.56	ng	-0.02
7) Phenol-d6	7.29	99	449462	133.47	ng	-0.02
23) Nitrobenzene-d5	9.32	82	266337	88.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	174536	135.07	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	676127	86.84	ng	-0.02
79) Terphenyl-d14	20.11	244	1109510	83.31	ng	-0.01

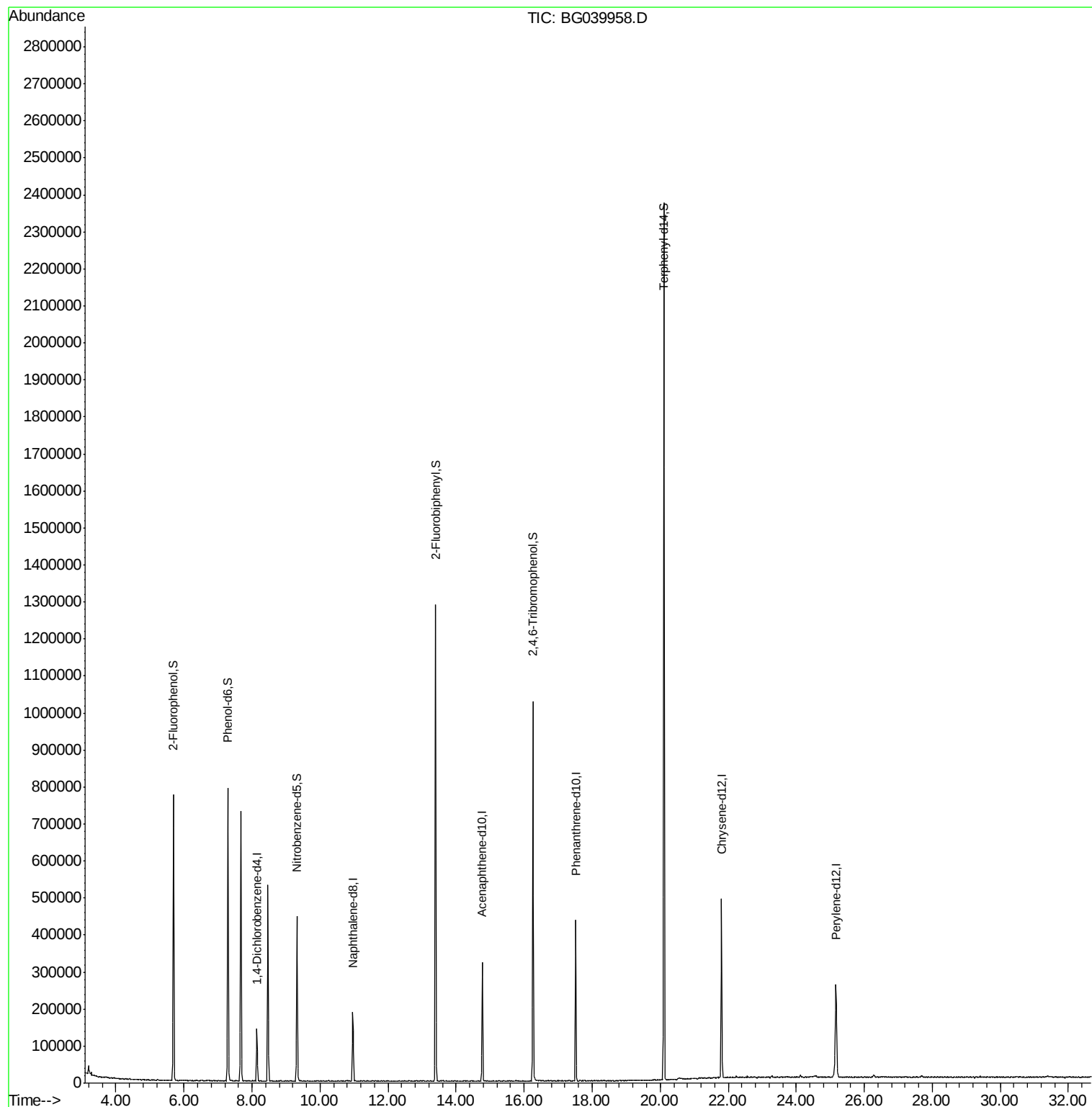
Target Compounds Qvalue

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

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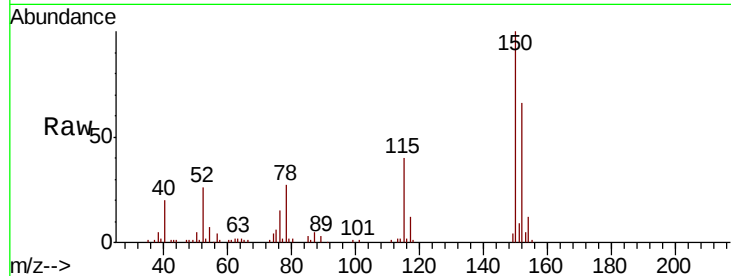


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039958.D
Acq: 16 Mar 2019 2:34

Instrument :
BNA_G
ClientSampleId :
PB117975BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.7	185.5
115	59.8	45.9	68.9

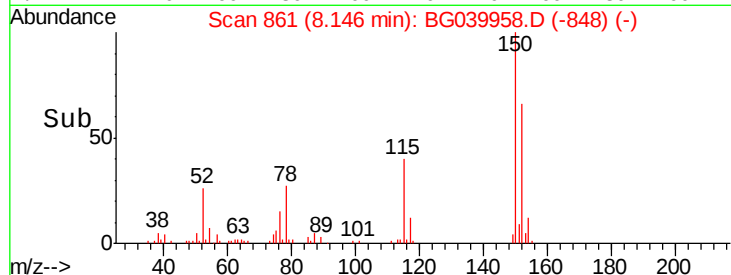
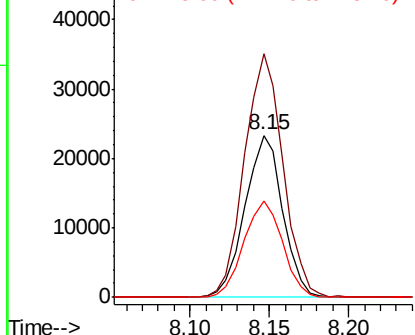


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

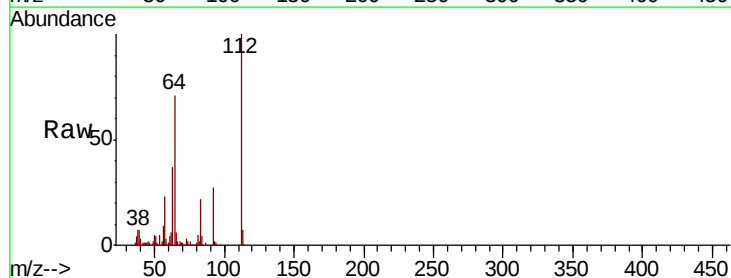
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.565 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039958.D
Acq: 16 Mar 2019 2:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.8	86.8
63	37.4	29.8	44.6

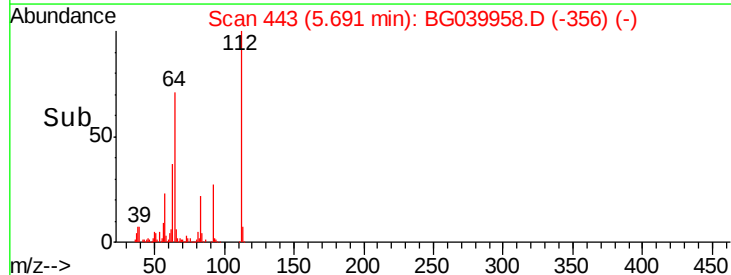
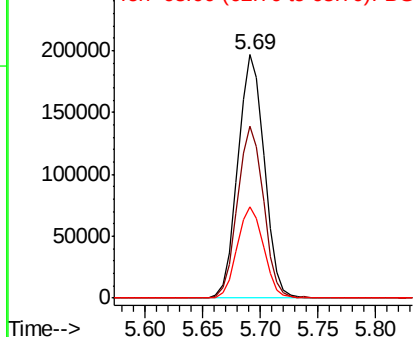


Abundance

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: 133.469 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039958.D

Acq: 16 Mar 2019 2:34

Instrument :

BNA_G

ClientSampleId :

PB117975BL

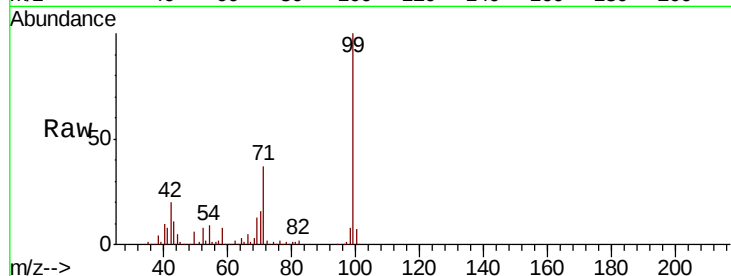
Tot Ion: 99 Resp: 449462

Ion Ratio Lower Upper

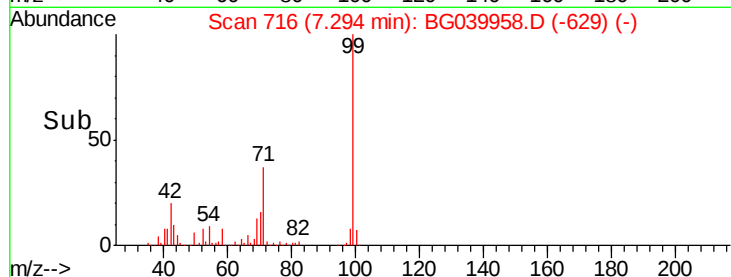
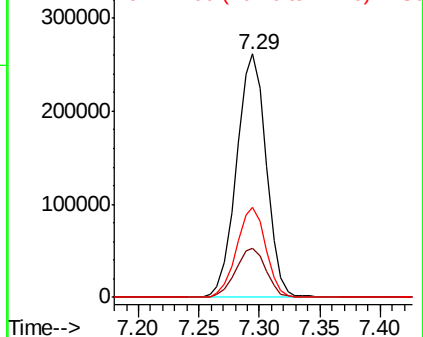
99 100

42 20.3 18.2 27.2

71 36.7 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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039958.D

Acq: 16 Mar 2019 2:34

Tgt Ion: 136 Resp: 162667

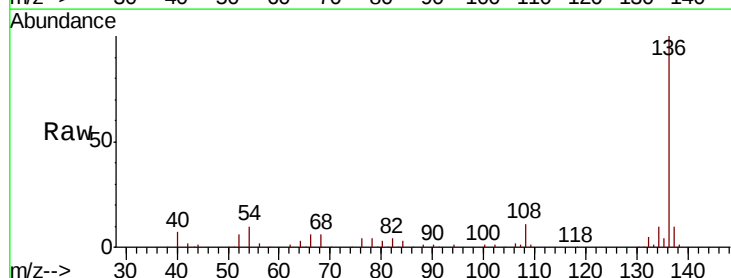
Ion Ratio Lower Upper

136 100

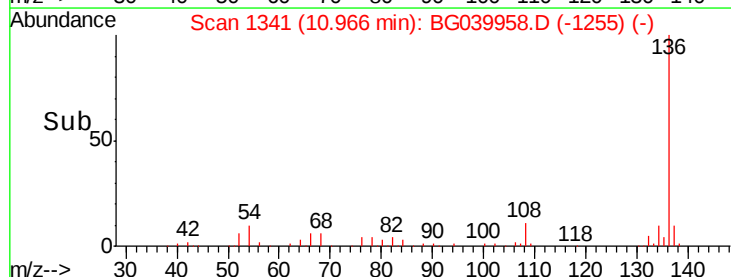
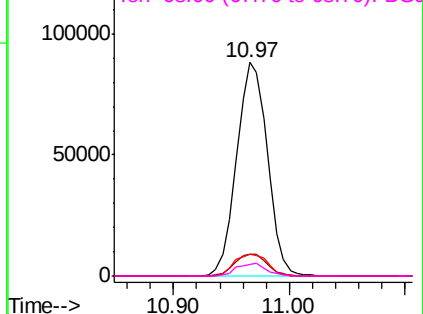
137 10.3 9.1 13.7

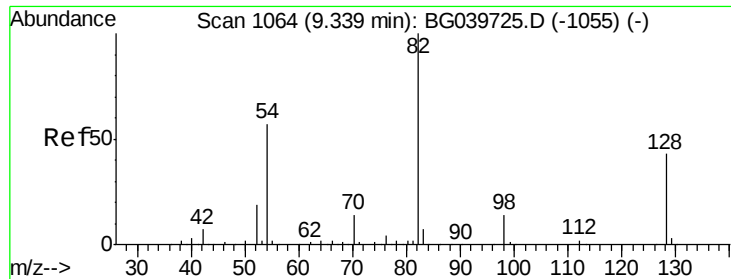
54 10.0 9.4 14.2

68 5.5 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

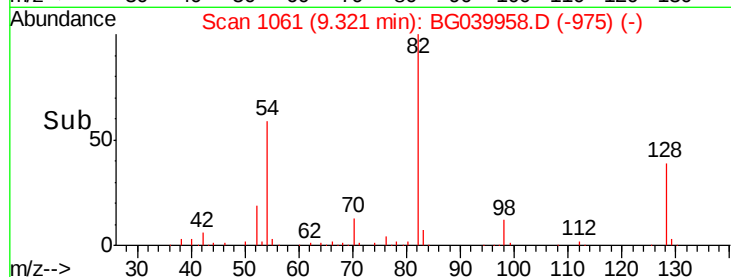
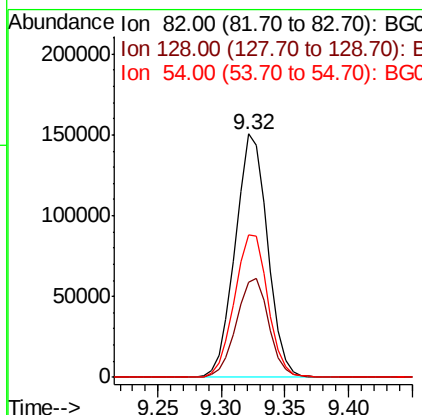
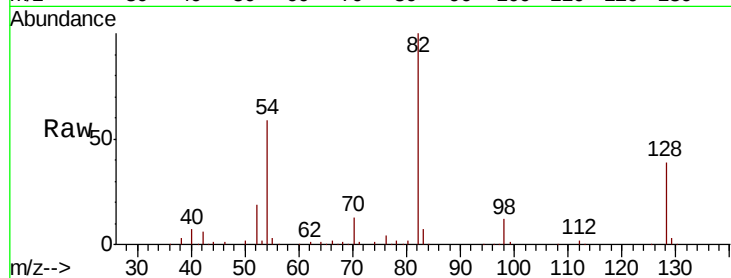




#23
Nitrobenzene-d5
Concen: 88.553 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039958.D
Acq: 16 Mar 2019 2:34

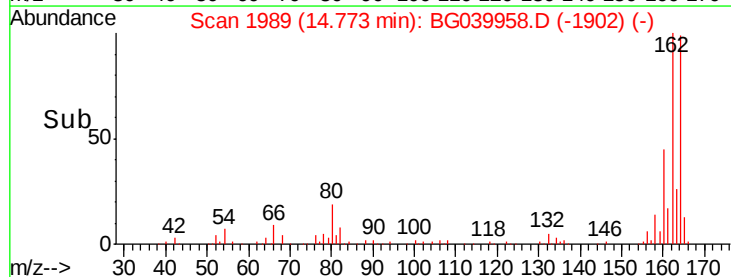
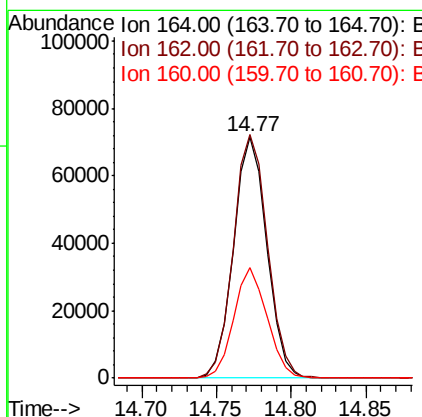
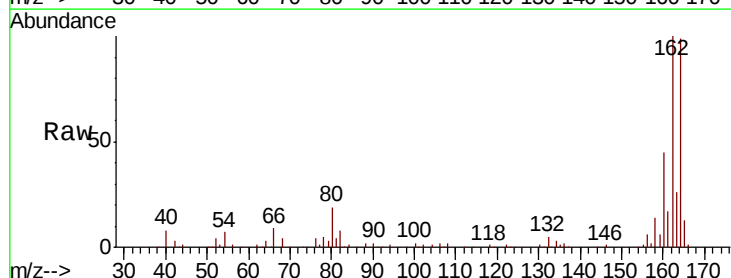
Instrument :
BNA_G
ClientSampleId :
PB117975BL

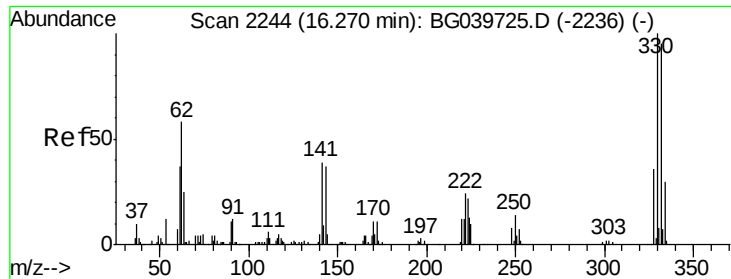
Tot Ion	82.00	Resp	266337
Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	58.6	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039958.D
Acq: 16 Mar 2019 2:34

Tgt Ion	164.00	Resp	110864
Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.6	122.4
160	45.6	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 135.069 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039958.D

Acq: 16 Mar 2019 2:34

Instrument :

BNA_G

ClientSampleId :

PB117975BL

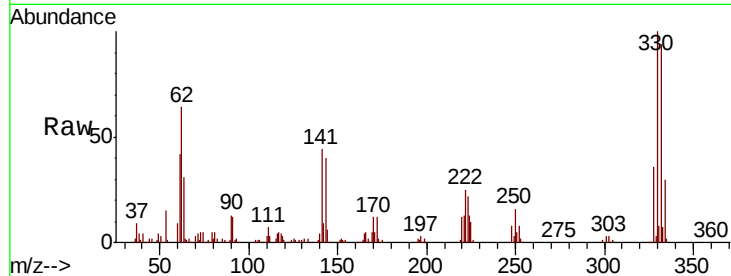
Tot Ion:330 Resp: 174536

Ion Ratio Lower Upper

330 100

332 93.7 75.7 113.5

141 41.7 35.6 53.4

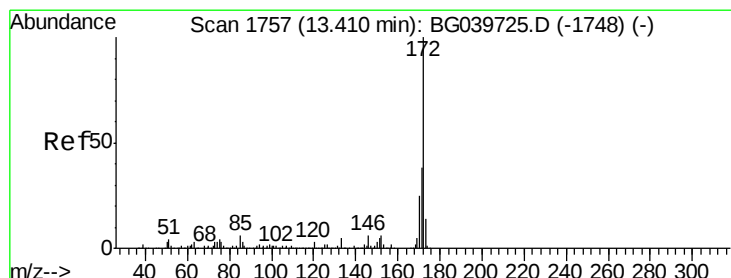
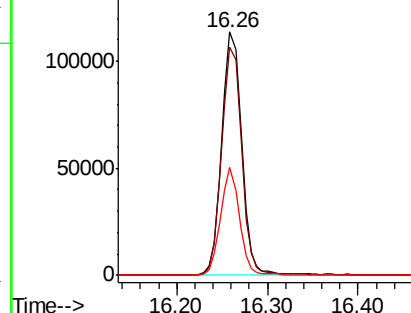
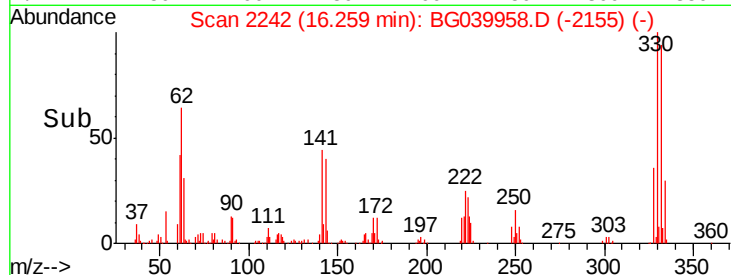


Abundance

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: 86.835 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039958.D

Acq: 16 Mar 2019 2:34

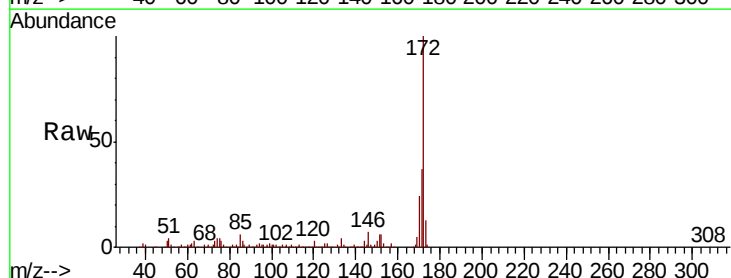
Tgt Ion:172 Resp: 676127

Ion Ratio Lower Upper

172 100

171 37.3 30.8 46.2

170 24.1 20.2 30.4

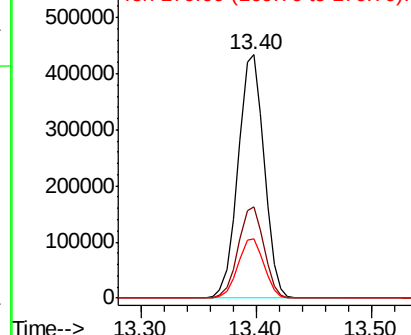
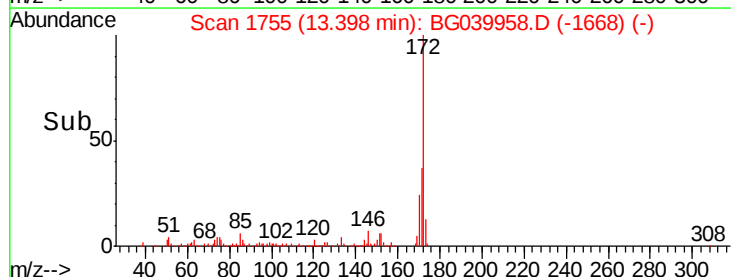


Abundance

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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG039958.D

Acq: 16 Mar 2019 2:34

Instrument :

BNA_G

ClientSampleId :

PB117975BL

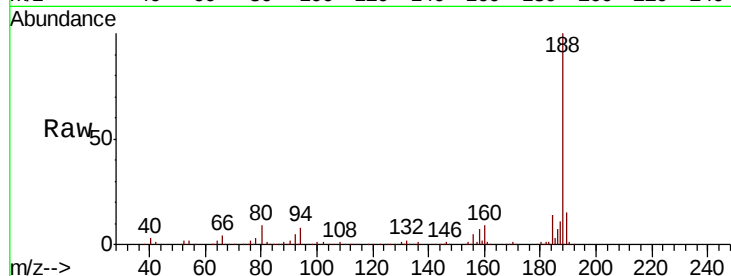
Tot Ion:188 Resp: 277084

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

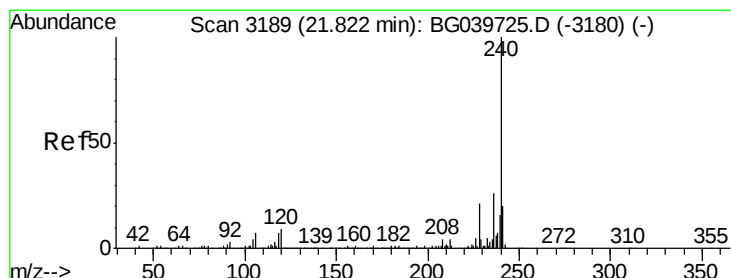
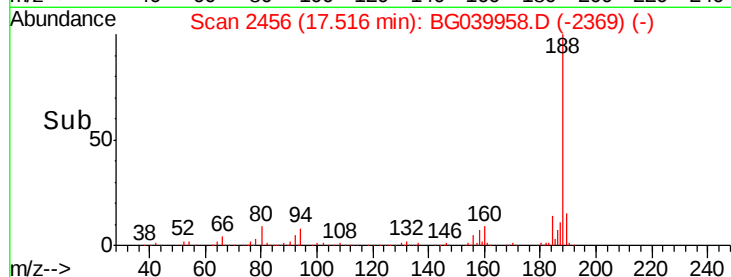
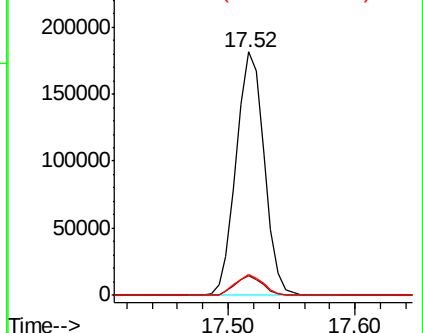
80 8.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039958.D

Acq: 16 Mar 2019 2:34

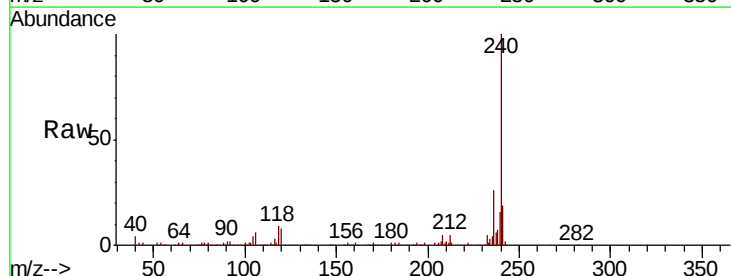
Tgt Ion:240 Resp: 293227

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

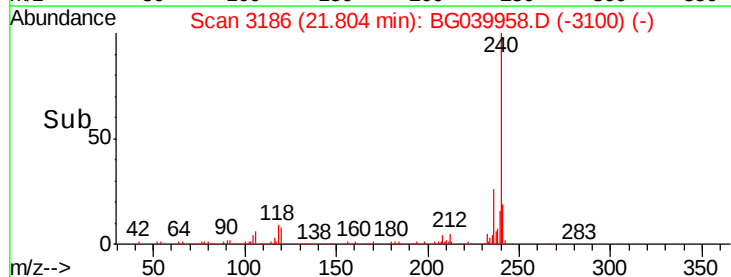
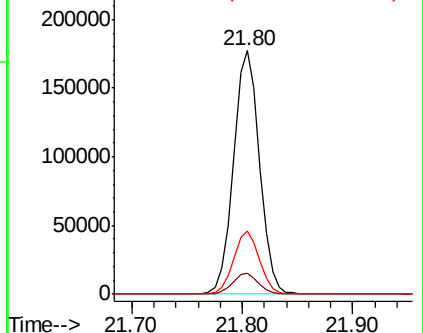
236 26.0 21.0 31.4

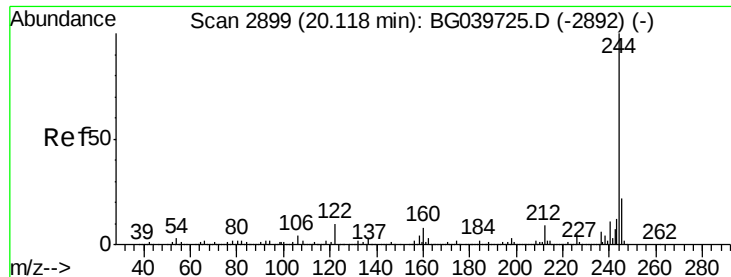


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.312 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039958.D

Acq: 16 Mar 2019 2:34

Instrument :

BNA_G

ClientSampleId :

PB117975BL

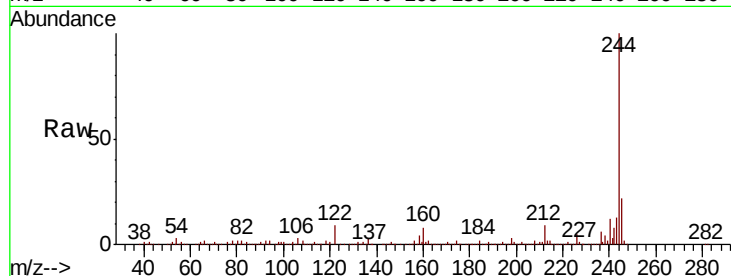
Tot Ion:244 Resp: 1109510

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

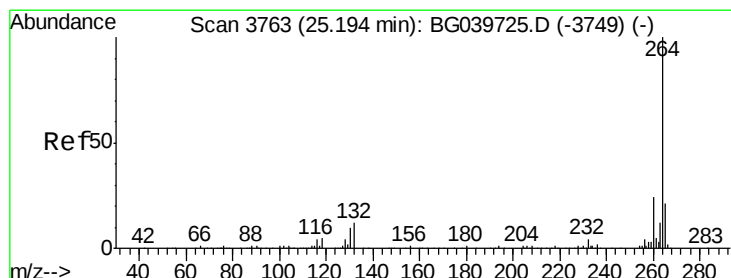
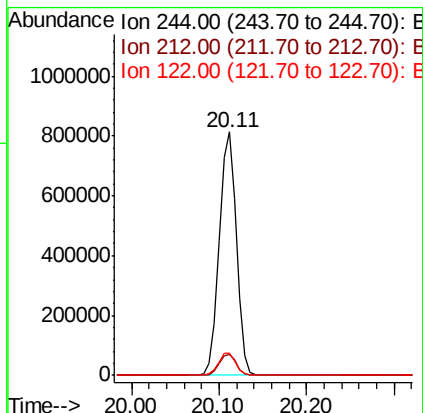
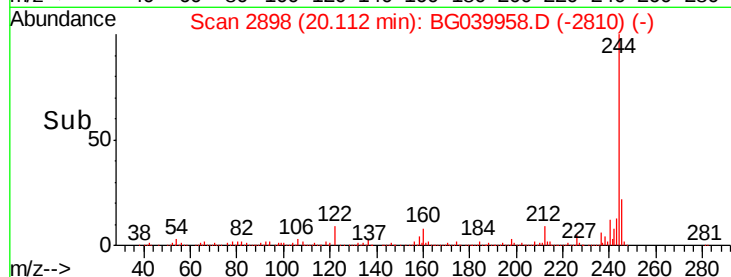
122 9.0 8.4 12.6



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: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039958.D

Acq: 16 Mar 2019 2:34

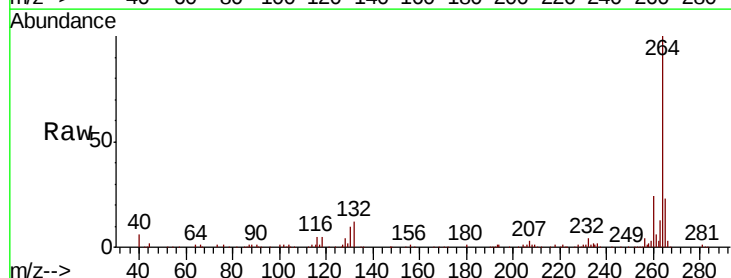
Tgt Ion:264 Resp: 286467

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 22.6 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

