

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039083.D
 Acq On : 11 Jan 2019 10:59
 Operator : JU/SJ
 Sample : K1099-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-16

Quant Time: Jan 11 12:45:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	27083	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	109270	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	77531	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	207616	20.00	ng	0.00
76) Chrysene-d12	21.69	240	228208	20.00	ng	-0.01
87) Perylene-d12	24.97	264	242173	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	176975	123.96	ng	0.00
7) Phenol-d6	7.19	99	220051	107.10	ng	0.00
23) Nitrobenzene-d5	9.20	82	163811	82.03	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	159799	122.96	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	462005	81.55	ng	0.00
79) Terphenyl-d14	20.02	244	934005	75.71	ng	0.00

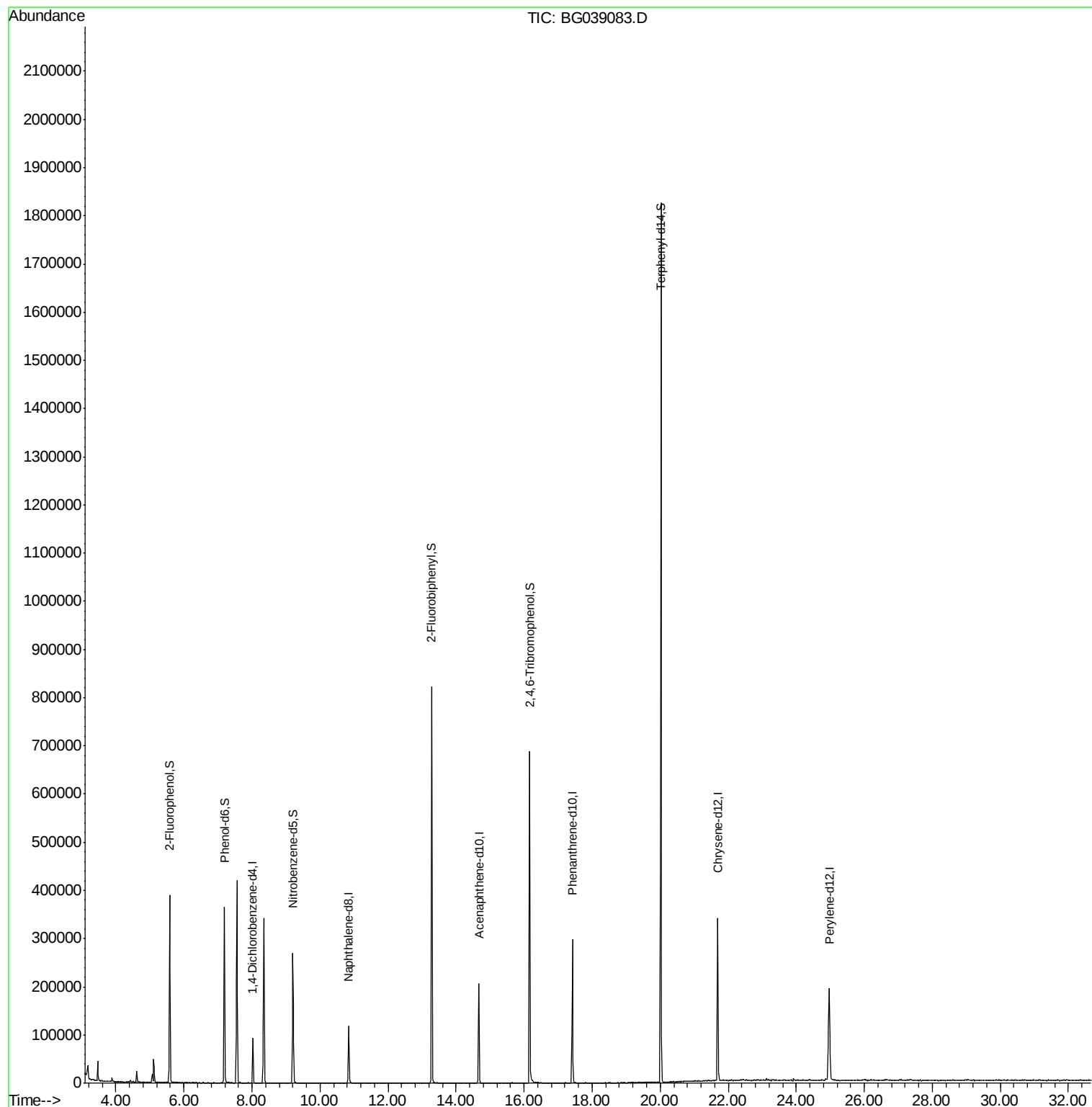
Target Compounds Qvalue

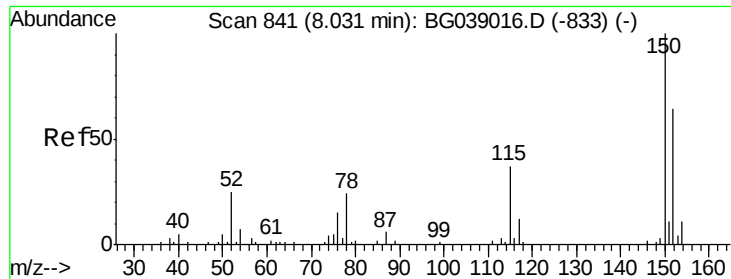
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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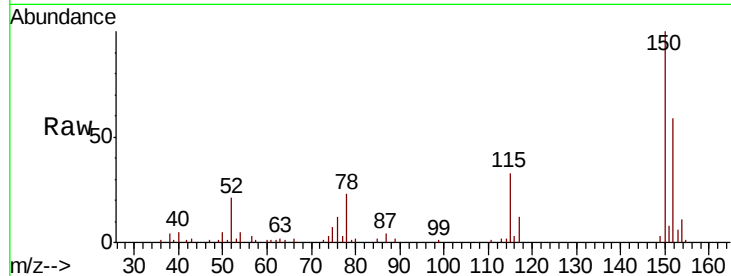


#1

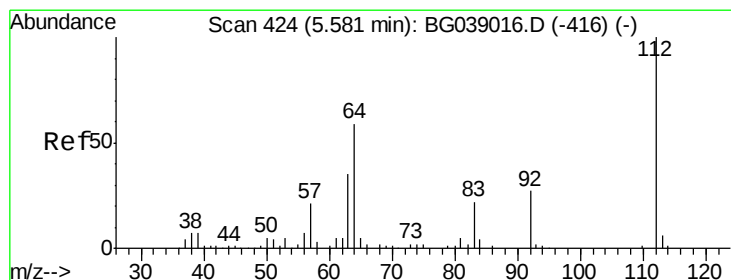
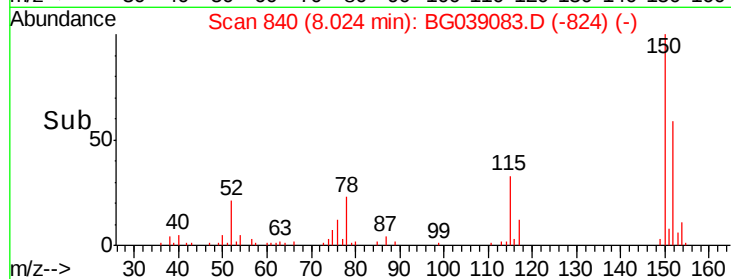
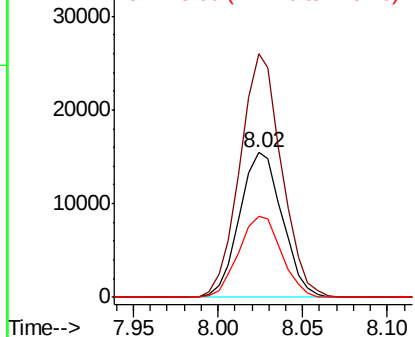
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039083.D
Acq: 11 Jan 2019 10:59

Instrument :
BNA_G
ClientSampleId :
TP-16

Tot Ion:152 Resp: 27083
Ion Ratio Lower Upper
152 100
150 168.4 124.7 187.1
115 55.9 46.5 69.7



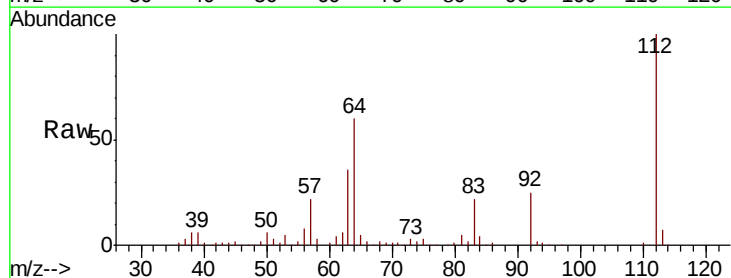
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



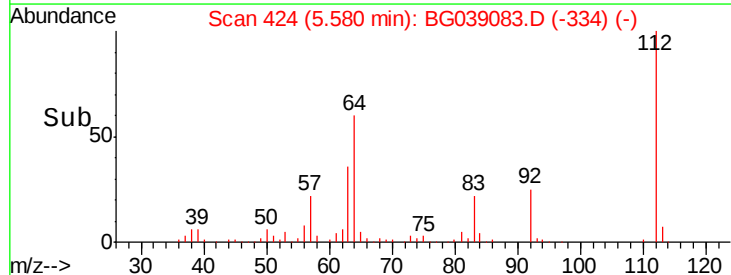
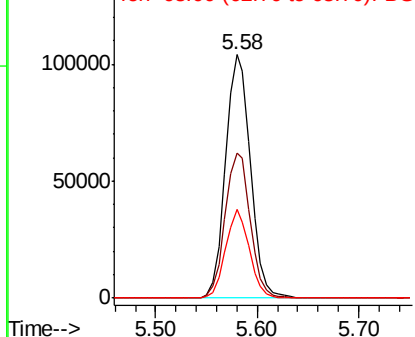
#5

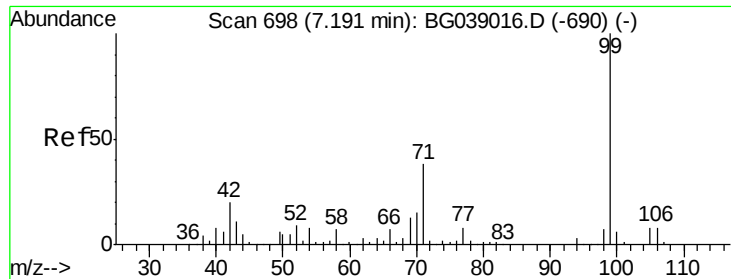
2-Fluorophenol
Concen: 123.959 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039083.D
Acq: 11 Jan 2019 10:59

Tgt Ion:112 Resp: 176975
Ion Ratio Lower Upper
112 100
64 59.5 47.0 70.6
63 36.3 28.0 42.0



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: 107.100 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039083.D

Acq: 11 Jan 2019 10:59

Instrument :

BNA_G

ClientSampleId :

TP-16

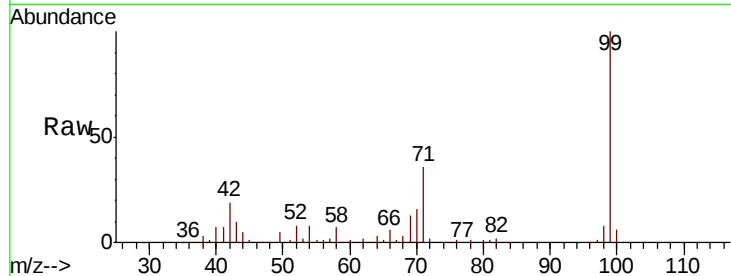
Tot Ion: 99 Resp: 220051

Ion Ratio Lower Upper

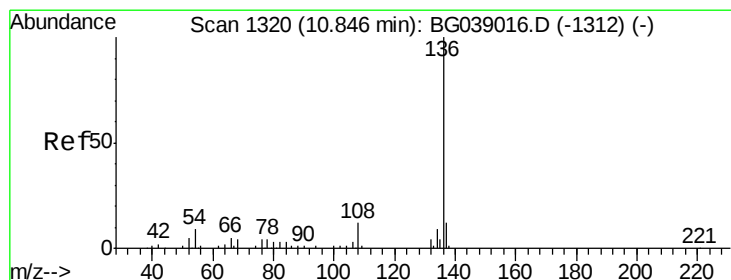
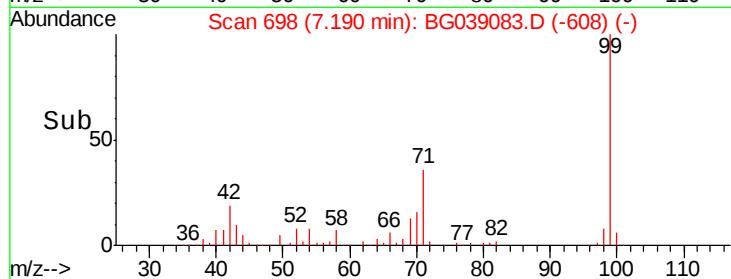
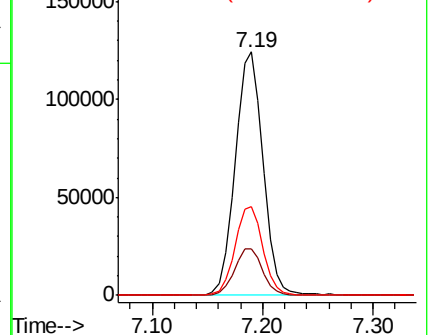
99 100

42 19.1 15.8 23.6

71 36.4 30.2 45.4



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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039083.D

Acq: 11 Jan 2019 10:59

Tgt Ion: 136 Resp: 109270

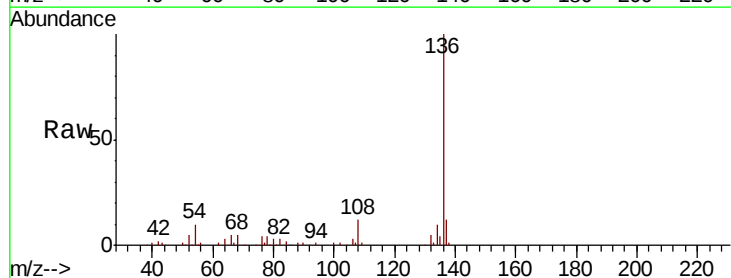
Ion Ratio Lower Upper

136 100

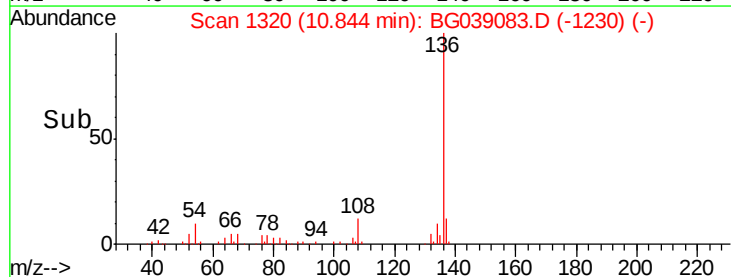
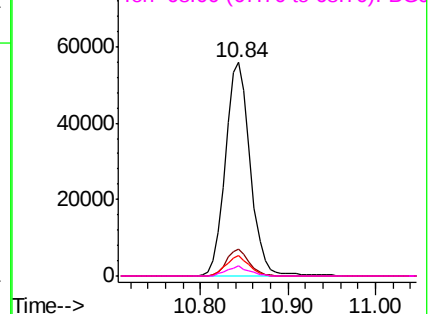
137 12.3 9.4 14.2

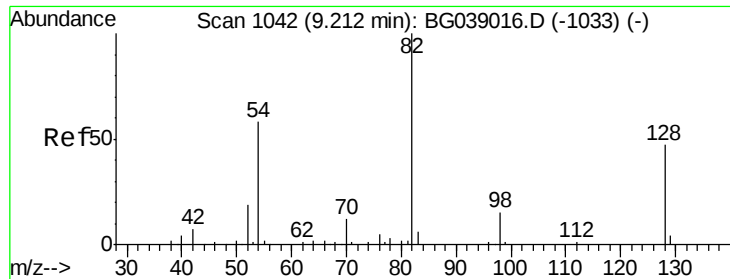
54 9.7 7.2 10.8

68 4.5 3.5 5.3



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

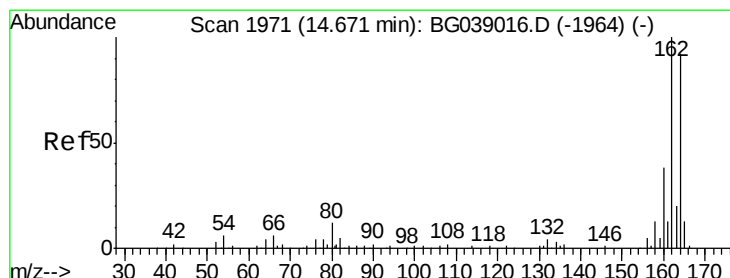
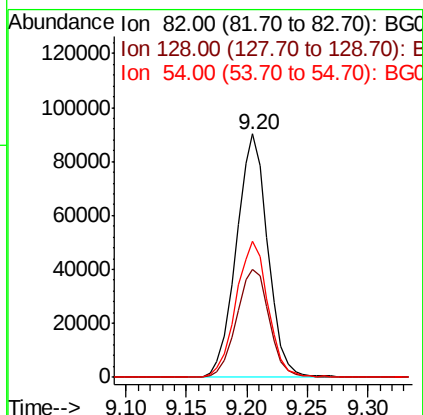
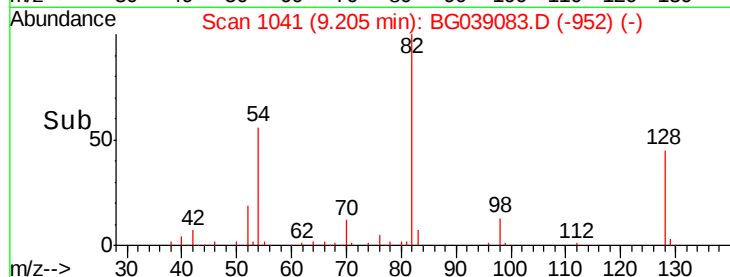
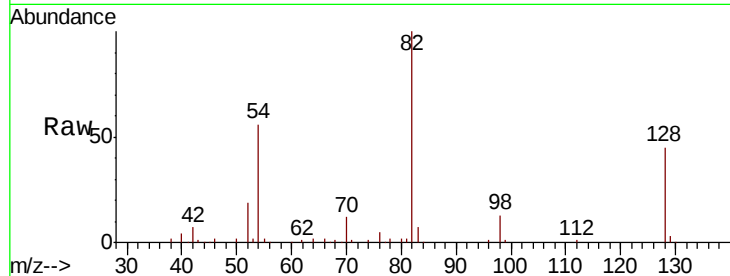




#23
 Nitrobenzene-d5
 Concen: 82.032 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039083.D
 Acq: 11 Jan 2019 10:59

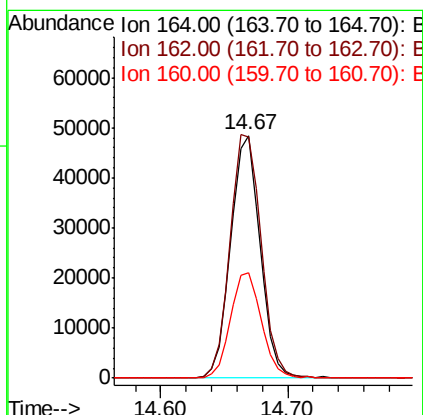
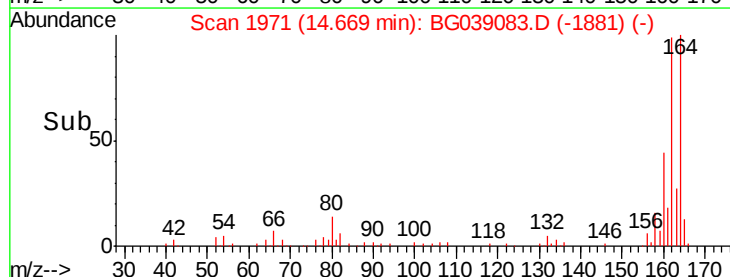
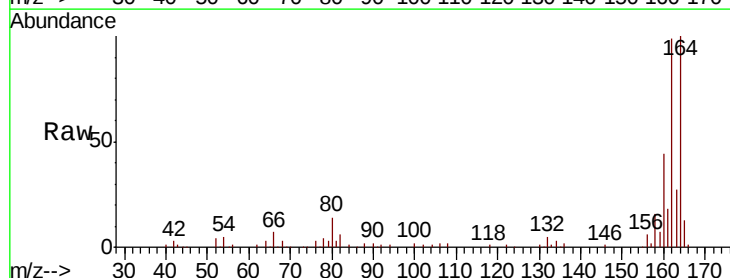
Instrument :
 BNA_G
 ClientSampleId :
 TP-16

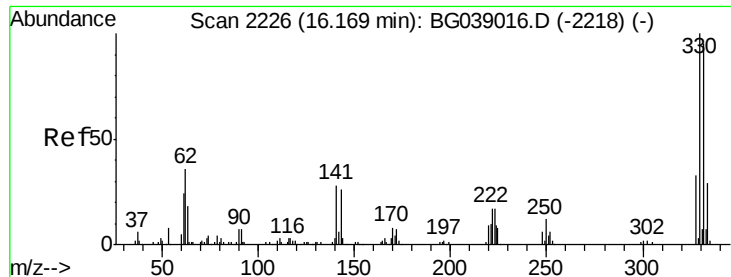
Tot Ion: 82 Resp: 163811
 Ion Ratio Lower Upper
 82 100
 128 44.5 37.3 55.9
 54 55.9 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039083.D
 Acq: 11 Jan 2019 10:59

Tgt Ion: 164 Resp: 77531
 Ion Ratio Lower Upper
 164 100
 162 99.2 87.2 130.8
 160 43.7 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 122.957 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039083.D

Acq: 11 Jan 2019 10:59

Instrument :

BNA_G

ClientSampleId :

TP-16

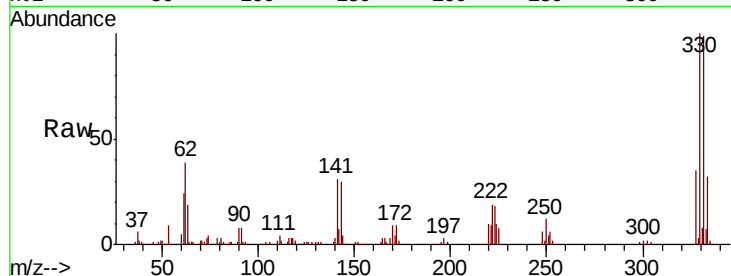
Tot Ion:330 Resp: 159799

Ion Ratio Lower Upper

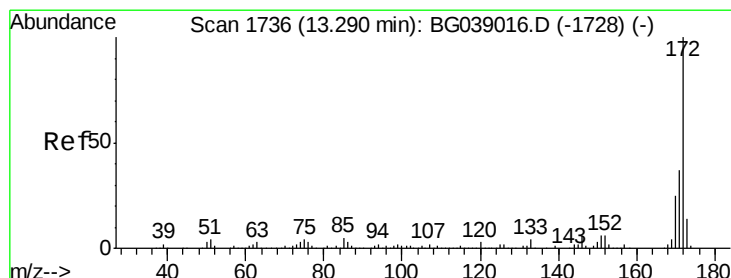
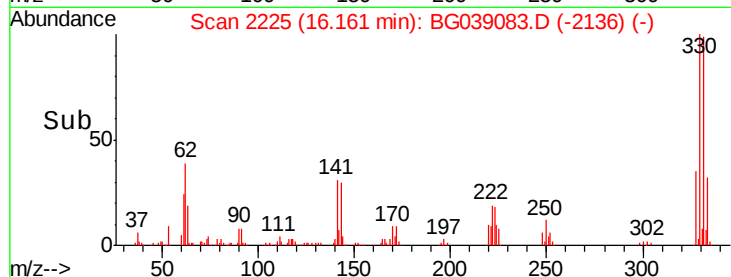
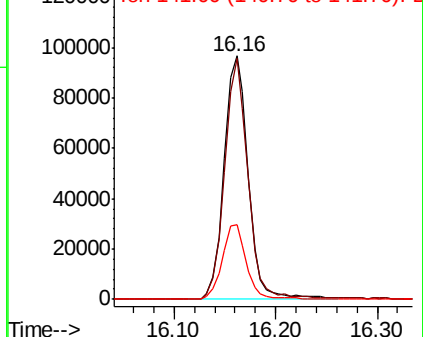
330 100

332 95.7 75.7 113.5

141 30.5 24.9 37.3



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: 81.552 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039083.D

Acq: 11 Jan 2019 10:59

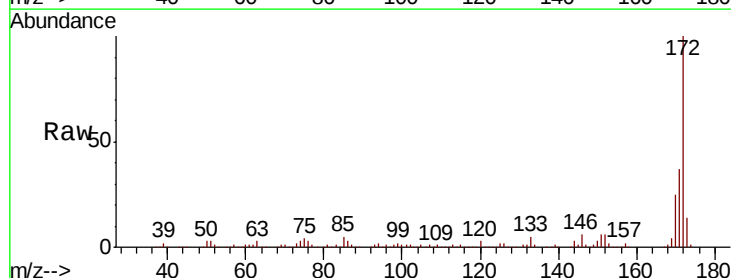
Tgt Ion:172 Resp: 462005

Ion Ratio Lower Upper

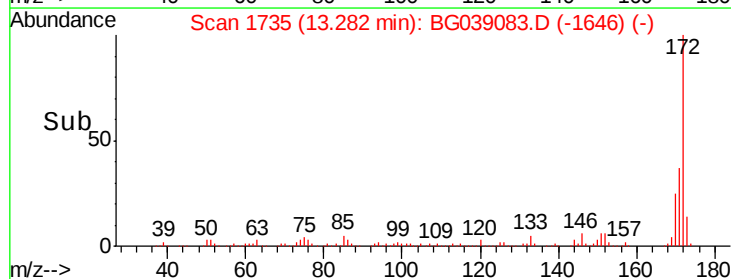
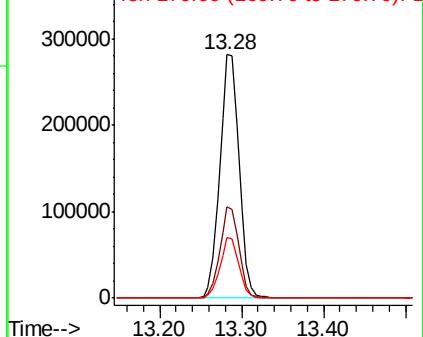
172 100

171 37.5 29.4 44.0

170 24.6 20.1 30.1



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

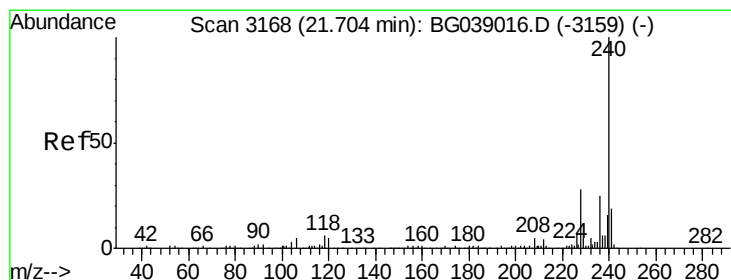
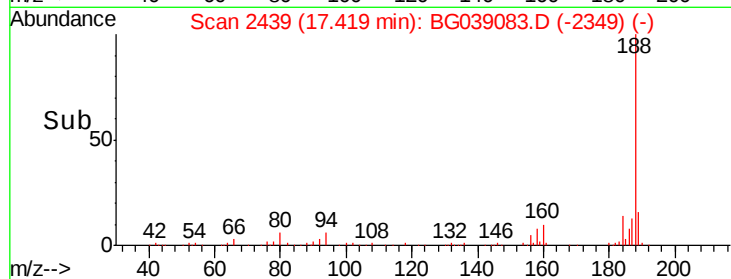
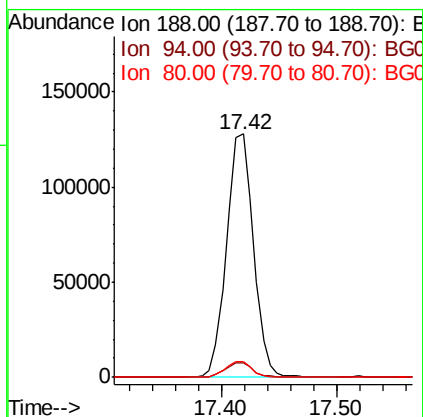
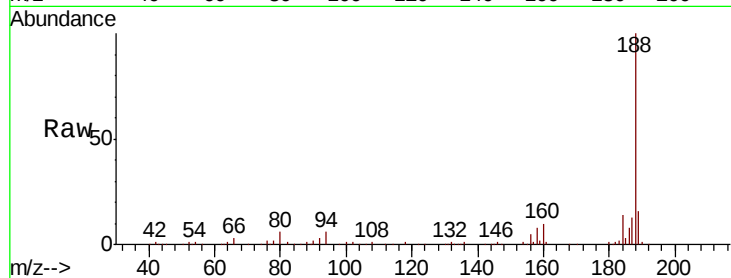




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039083.D
Acq: 11 Jan 2019 10:59

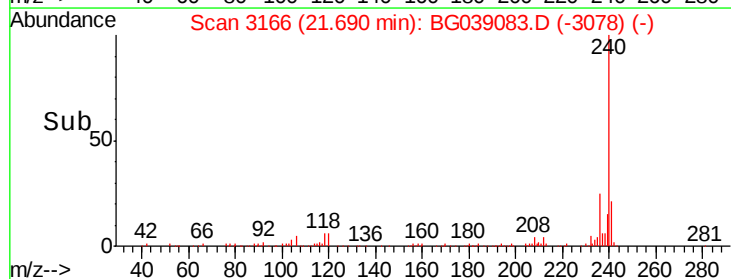
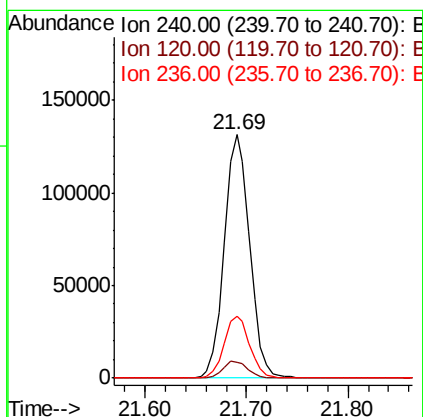
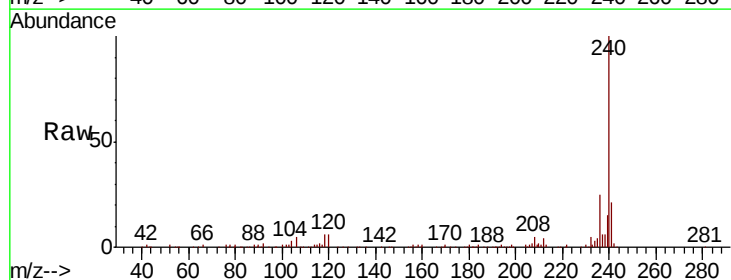
Instrument :
BNA_G
ClientSampleId :
TP-16

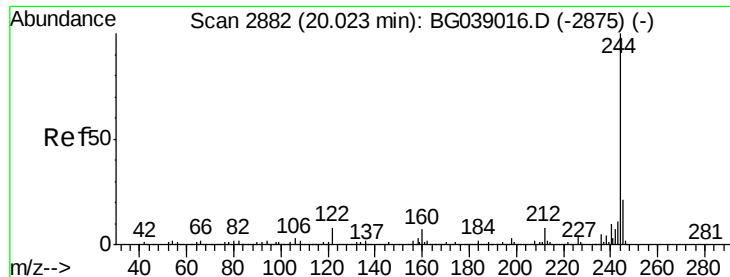
Tot Ion:188 Resp: 207616
Ion Ratio Lower Upper
188 100
94 5.9 5.0 7.4
80 6.2 4.7 7.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039083.D
Acq: 11 Jan 2019 10:59

Tgt Ion:240 Resp: 228208
Ion Ratio Lower Upper
240 100
120 6.5 4.3 6.5#
236 25.3 20.1 30.1





#79

Terphenyl-d14

Concen: 75.712 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039083.D

Acq: 11 Jan 2019 10:59

Instrument :

BNA_G

ClientSampleId :

TP-16

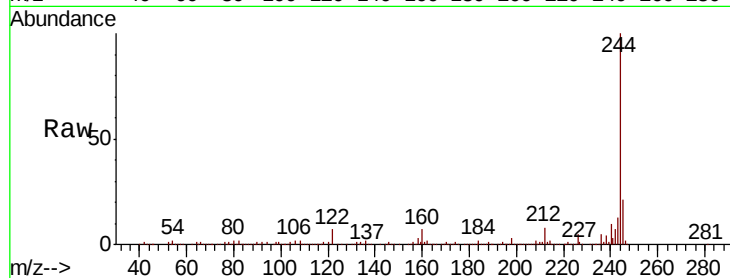
Tot Ion:244 Resp: 934005

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

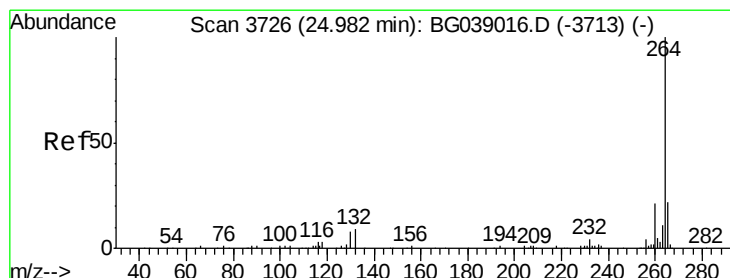
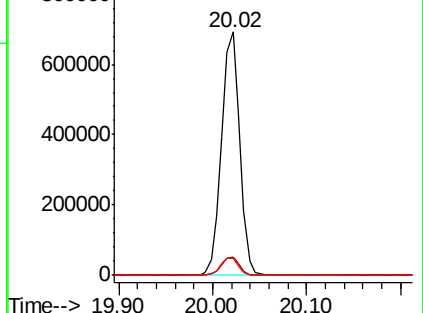
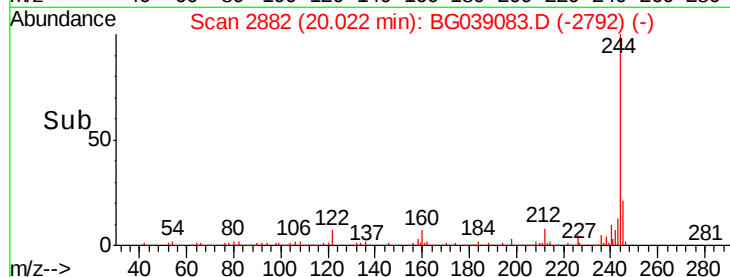
122 7.0 6.1 9.1



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: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039083.D

Acq: 11 Jan 2019 10:59

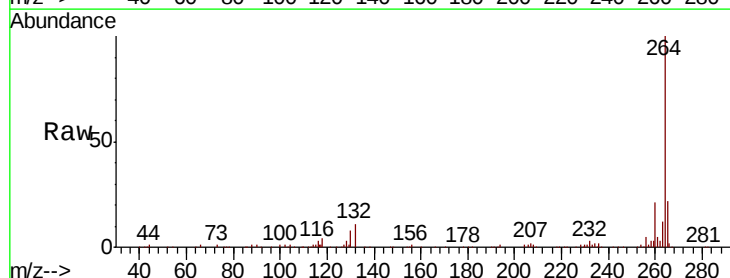
Tgt Ion:264 Resp: 242173

Ion Ratio Lower Upper

264 100

260 20.8 17.0 25.6

265 21.9 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

