

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
 Data File : BG039812.D
 Acq On : 7 Mar 2019 21:24
 Operator : JU/SJ
 Sample : K1757-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6CD-D

Quant Time: Mar 08 01:44:54 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	46904	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	204095	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	144001	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	359610	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	384679	20.00	ng	-0.02
87) Perylene-d12	25.18	264	376429	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	386538	140.59	ng	-0.01
7) Phenol-d6	7.30	99	506220	123.49	ng	-0.01
23) Nitrobenzene-d5	9.33	82	379882	100.67	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	244383	145.60	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	927643	91.72	ng	-0.02
79) Terphenyl-d14	20.12	244	1572108	89.98	ng	0.00

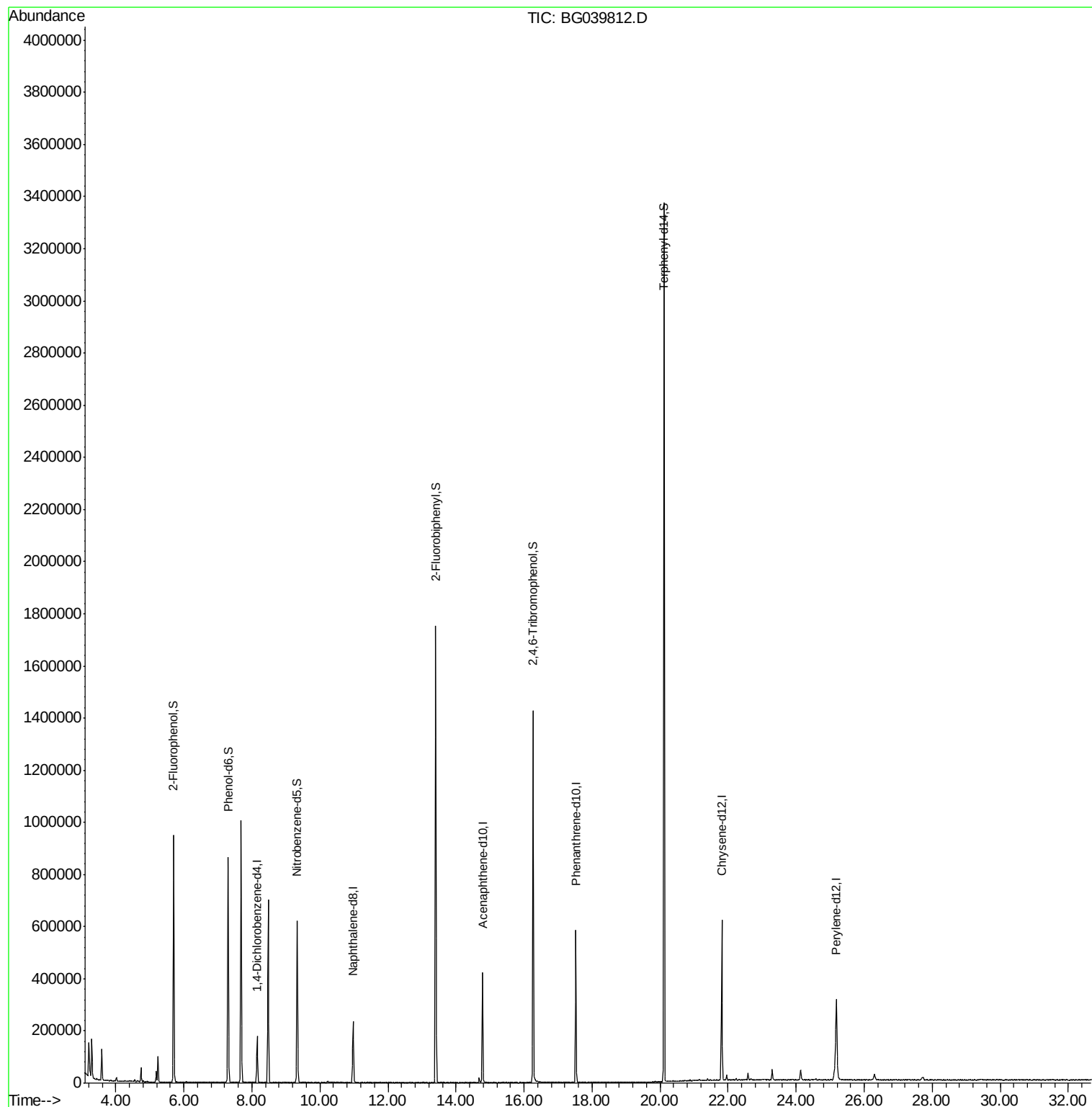
Target Compounds Qvalue

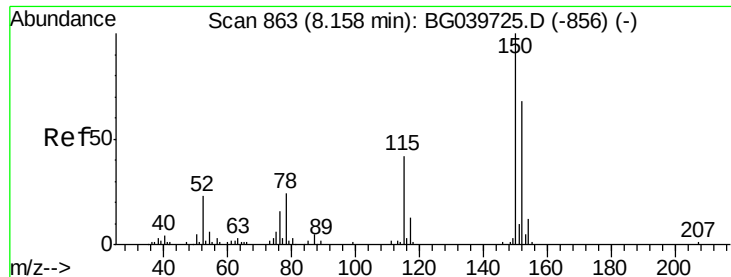
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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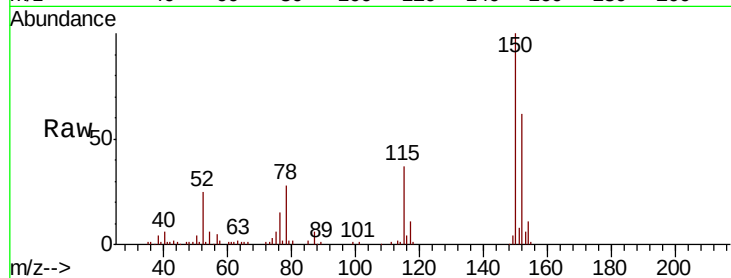


#1

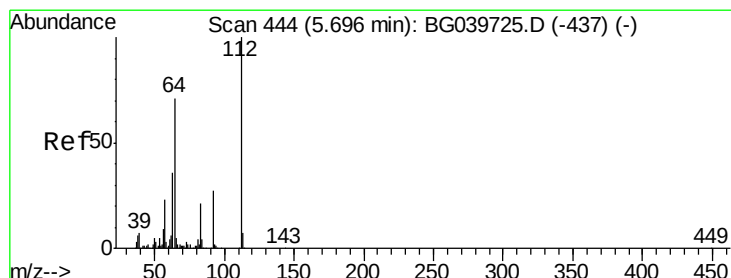
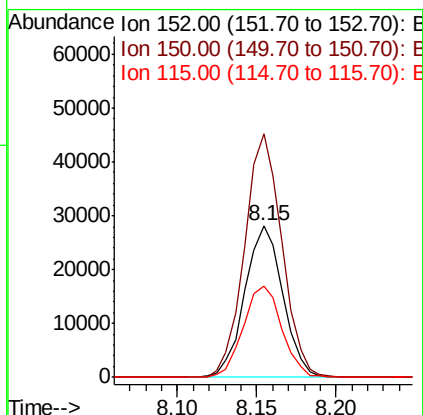
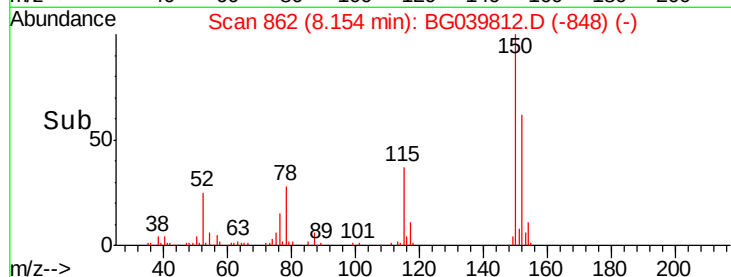
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039812.D
Acq: 7 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
TP-6CD-D

Tot Ion:152 Resp: 46904
Ion Ratio Lower Upper
152 100
150 160.7 123.7 185.5
115 60.3 45.9 68.9



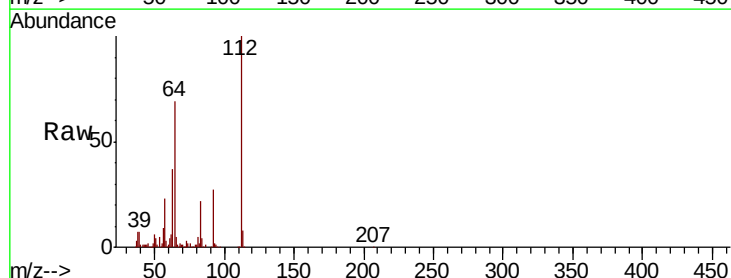
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



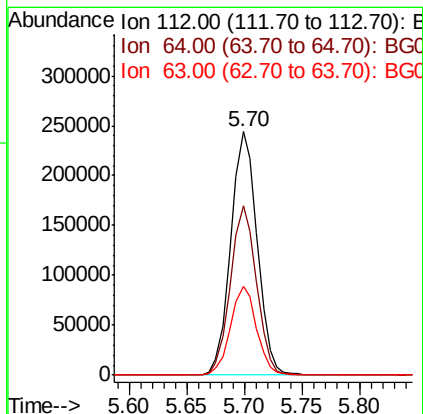
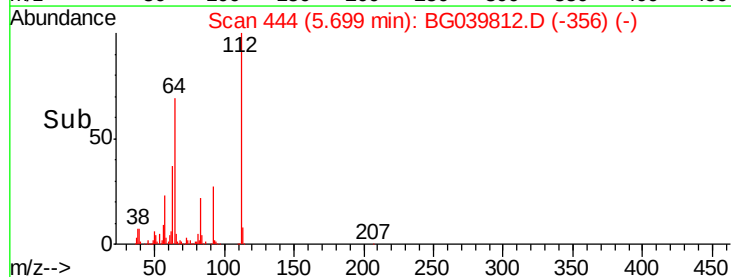
#5

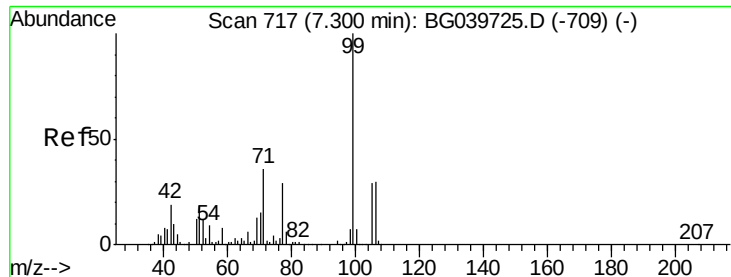
2-Fluorophenol
Concen: 140.593 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039812.D
Acq: 7 Mar 2019 21:24

Tgt Ion:112 Resp: 386538
Ion Ratio Lower Upper
112 100
64 69.4 57.8 86.8
63 36.6 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: 123.486 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039812.D

Acq: 7 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

TP-6CD-D

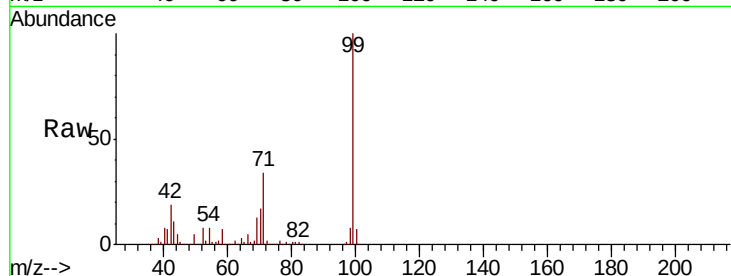
Tot Ion: 99 Resp: 506220

Ion Ratio Lower Upper

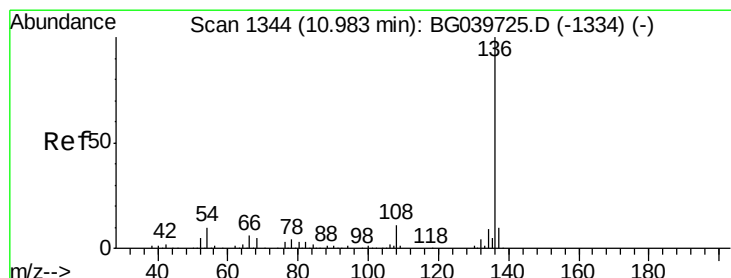
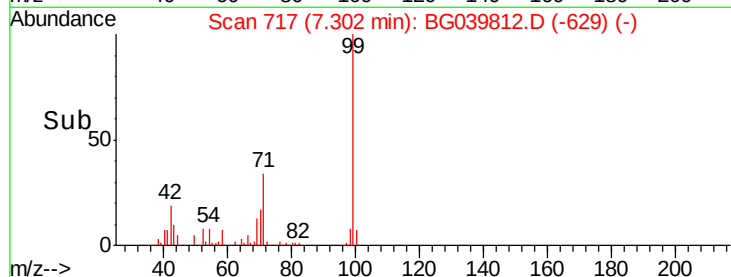
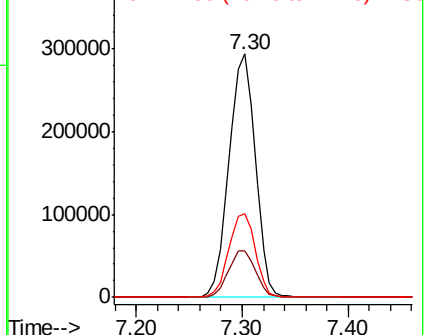
99 100

42 19.1 18.2 27.2

71 34.3 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# 1342

Delta R.T. -0.02 min

Lab File: BG039812.D

Acq: 7 Mar 2019 21:24

Tgt Ion: 136 Resp: 204095

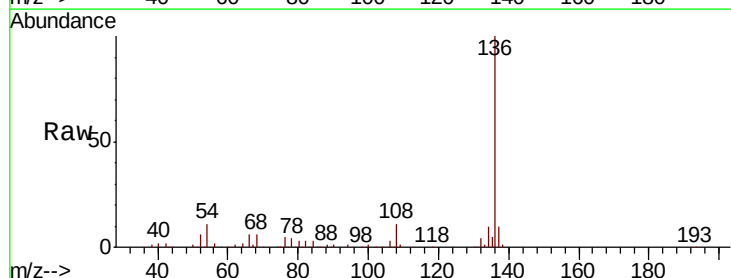
Ion Ratio Lower Upper

136 100

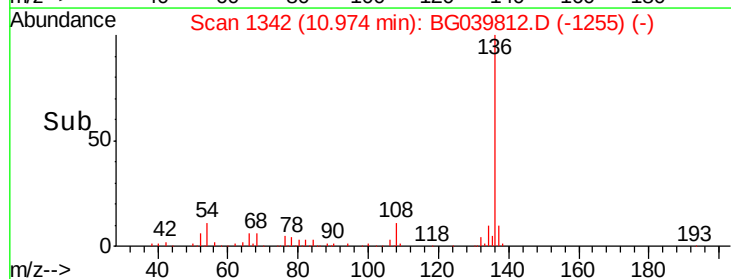
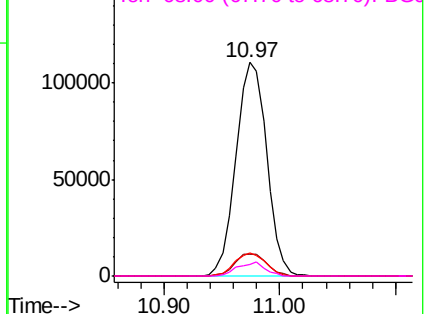
137 10.3 9.1 13.7

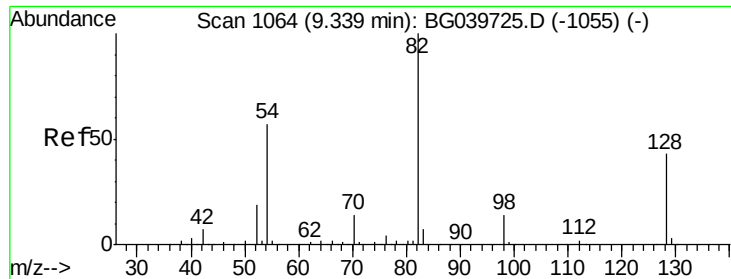
54 10.8 9.4 14.2

68 5.6 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

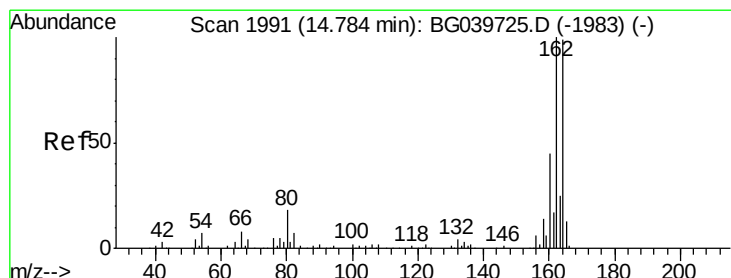
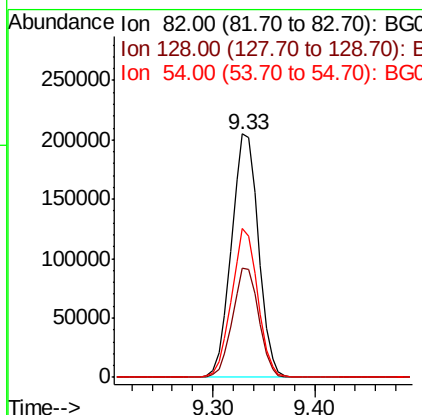
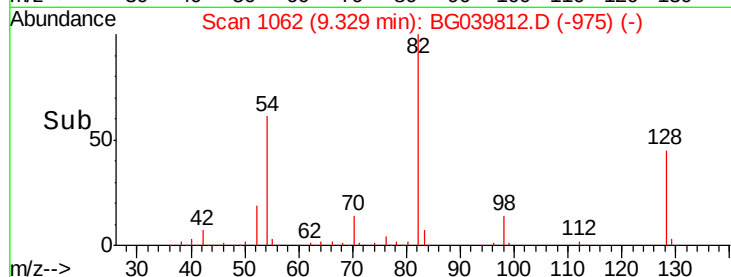
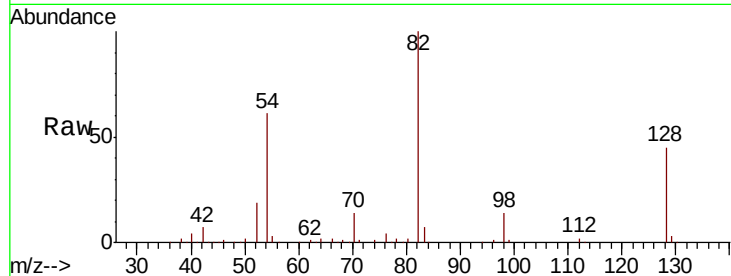




#23
 Nitrobenzene-d5
 Concen: 100.667 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039812.D
 Acq: 7 Mar 2019 21:24

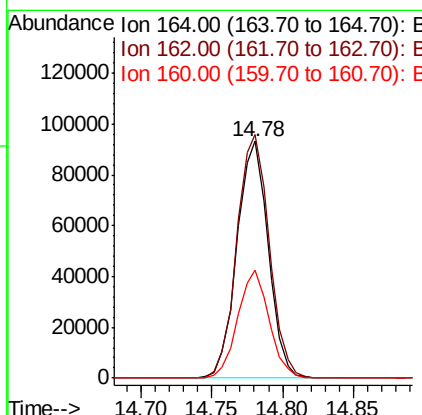
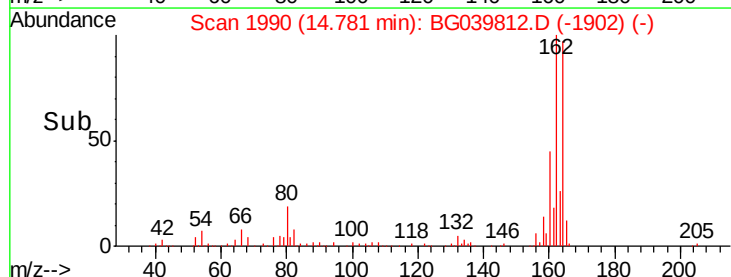
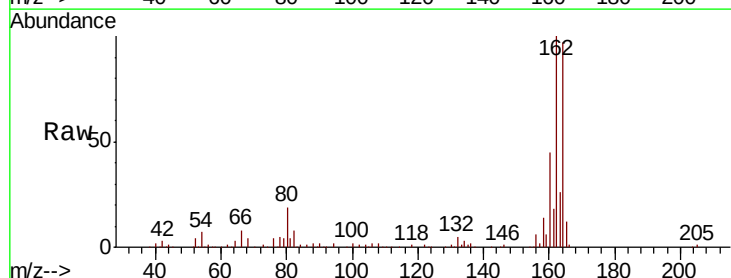
Instrument :
 BNA_G
 ClientSampleId :
 TP-6CD-D

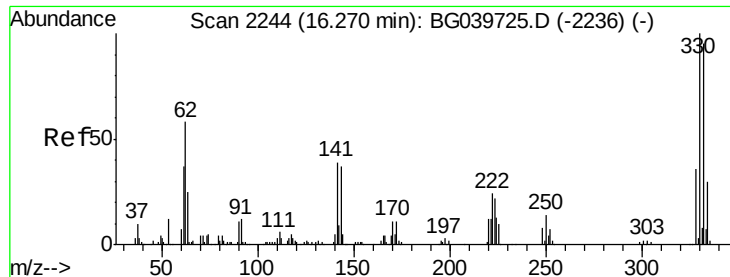
Tot Ion: 82 Resp: 379882
 Ion Ratio Lower Upper
 82 100
 128 44.8 31.3 46.9
 54 60.9 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039812.D
 Acq: 7 Mar 2019 21:24

Tgt Ion:164 Resp: 144001
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.6 122.4
 160 45.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 145.601 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039812.D

Acq: 7 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

TP-6CD-D

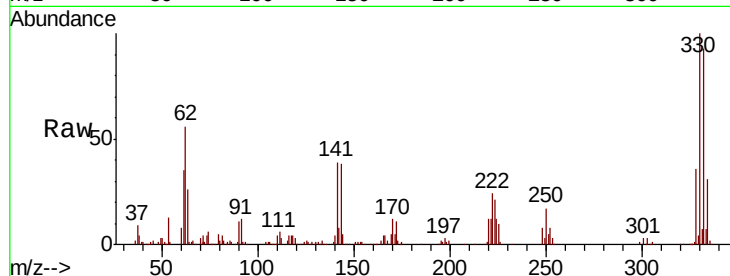
Tot Ion:330 Resp: 244383

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

141 40.6 35.6 53.4

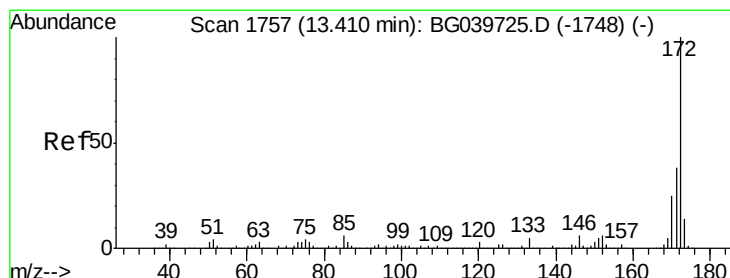
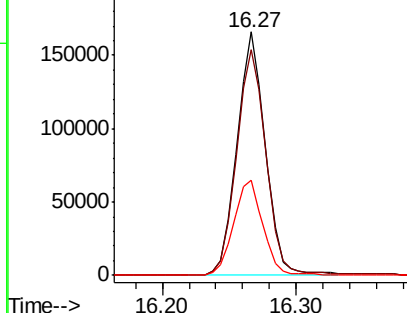
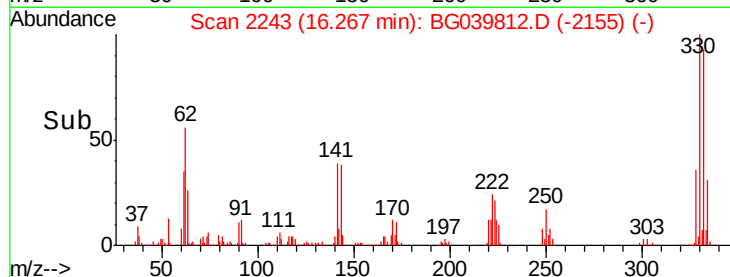


Abundance

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: 91.722 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039812.D

Acq: 7 Mar 2019 21:24

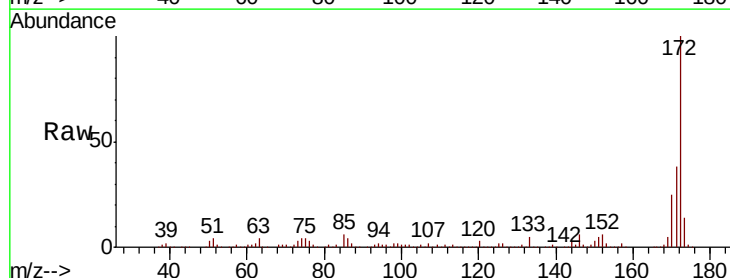
Tgt Ion:172 Resp: 927643

Ion Ratio Lower Upper

172 100

171 37.9 30.8 46.2

170 25.0 20.2 30.4

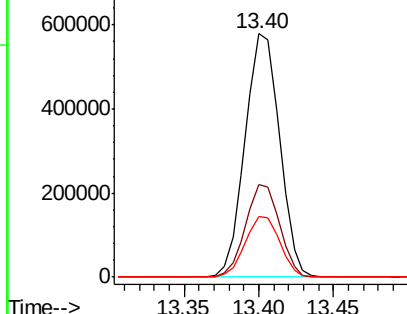
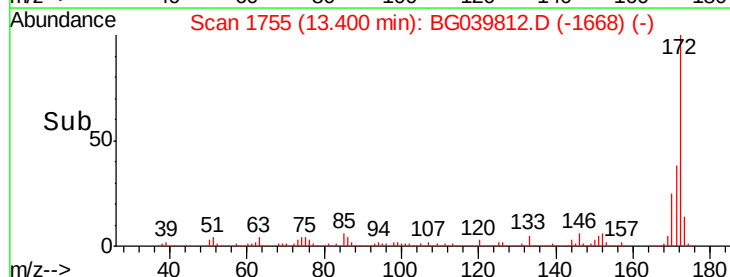


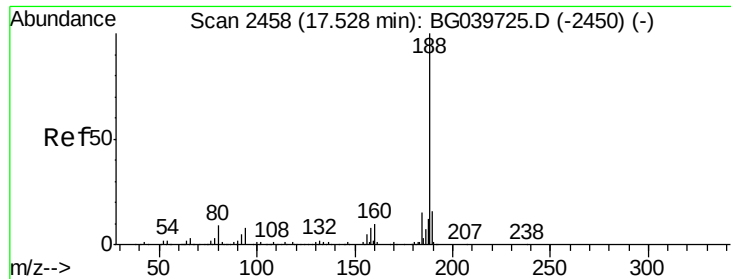
Abundance

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

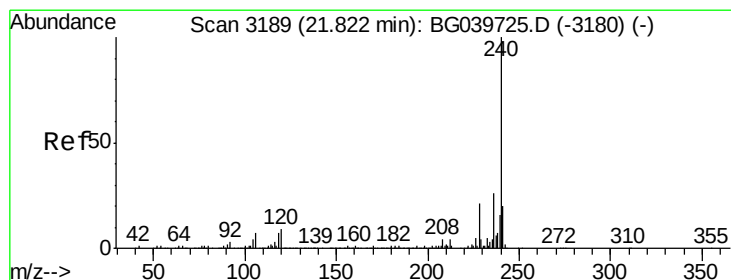
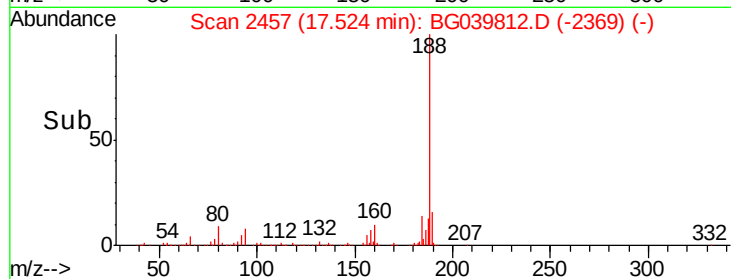
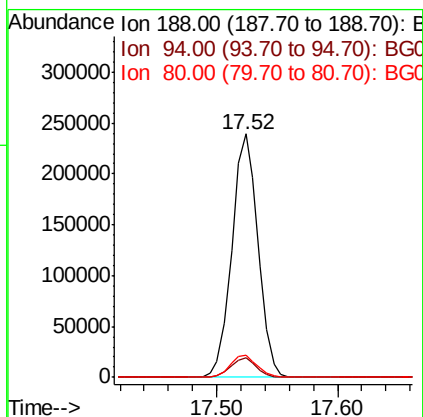
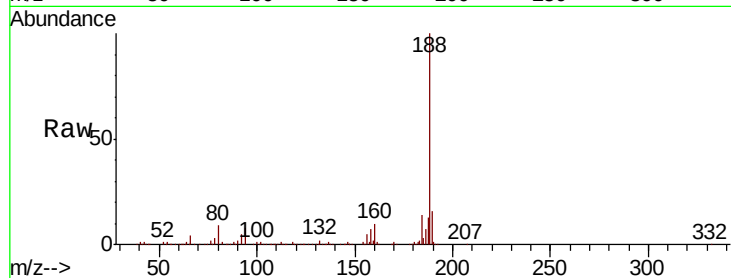




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039812.D
Acq: 7 Mar 2019 21:24

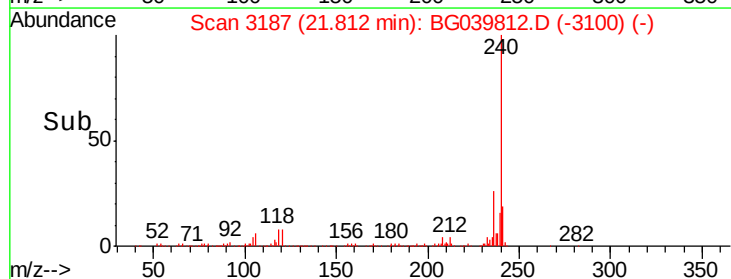
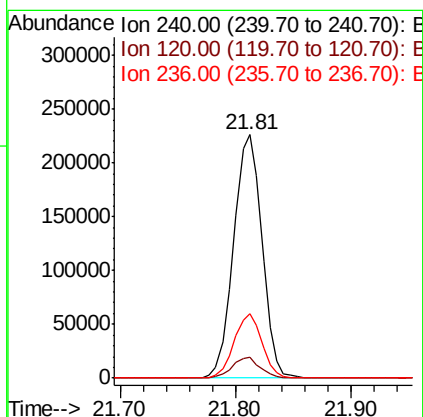
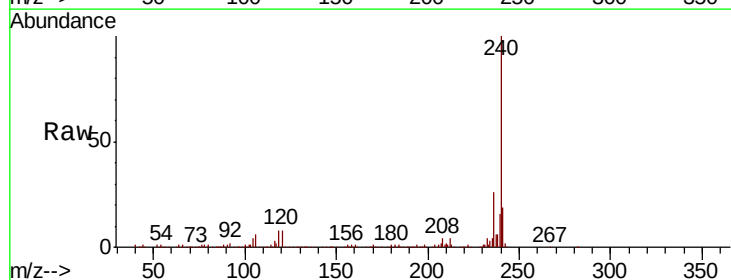
Instrument :
BNA_G
ClientSampleId :
TP-6CD-D

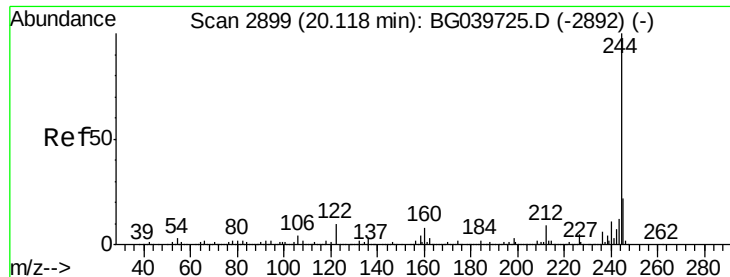
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.3	8.1	12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039812.D
Acq: 7 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.3	21.0	31.4





#79

Terphenyl-d14

Concen: 89.983 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039812.D

Acq: 7 Mar 2019 21:24

Instrument :

BNA_G

ClientSampled :

TP-6CD-D

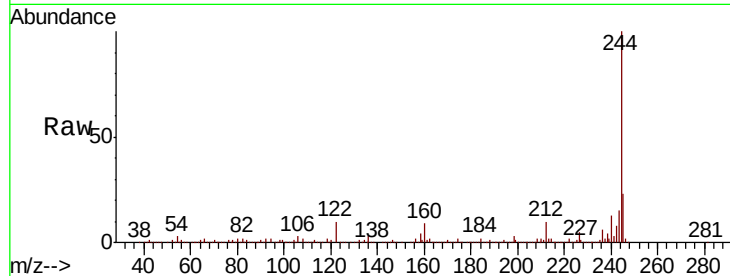
Tot Ion:244 Resp: 1572108

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

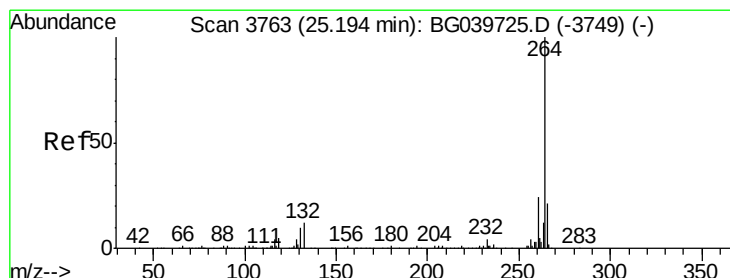
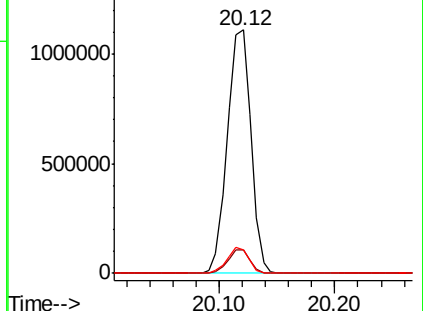
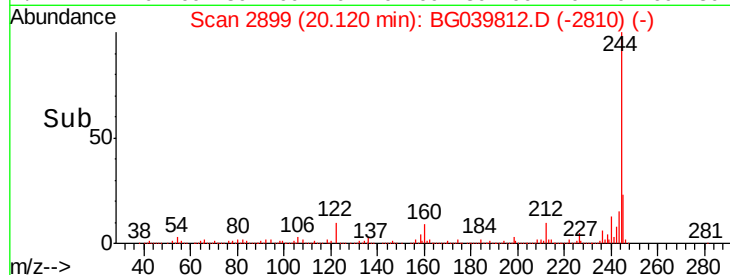
122 9.6 8.4 12.6



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: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039812.D

Acq: 7 Mar 2019 21:24

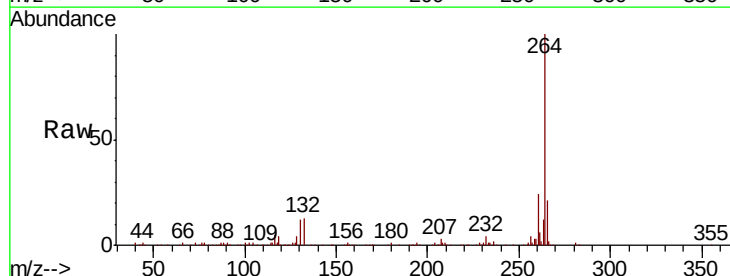
Tgt Ion:264 Resp: 376429

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 20.6 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

