

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039908.D
 Acq On : 13 Mar 2019 18:44
 Operator : JU/SJ
 Sample : PB117884TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117884TB

Quant Time: Mar 14 04:33:17 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	43103	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	176815	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	112797	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	274093	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	301994	20.00	ng	-0.03
87) Perylene-d12	25.16	264	298537	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	252067	99.77	ng	-0.02
7) Phenol-d6	7.29	99	349838	92.86	ng	-0.02
23) Nitrobenzene-d5	9.32	82	210775	64.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	125831	95.71	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	513791	64.86	ng	-0.02
79) Terphenyl-d14	20.11	244	838467	61.13	ng	-0.02

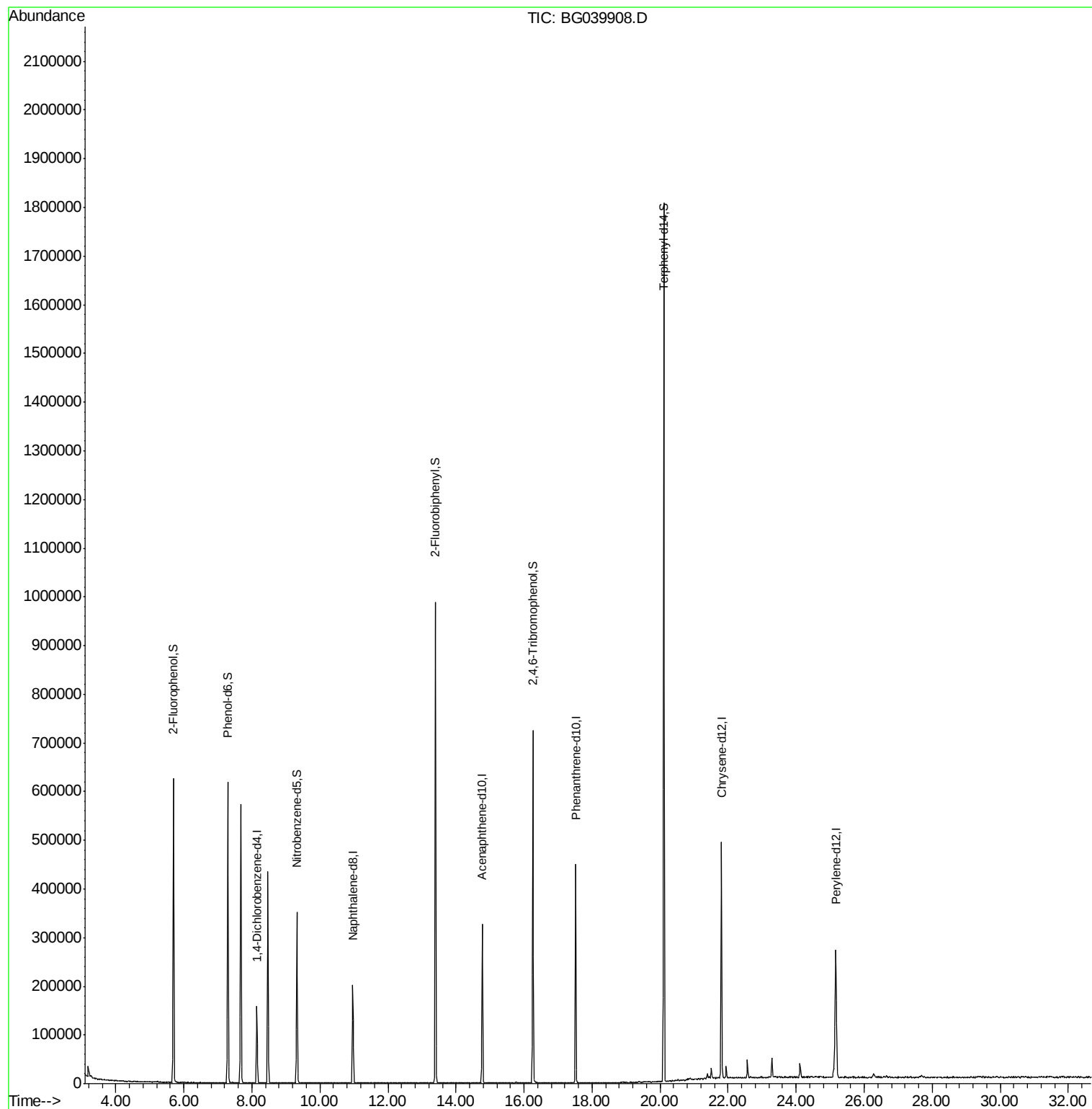
Target Compounds Qvalue

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

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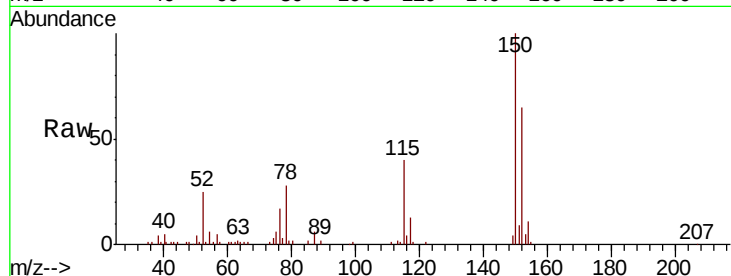


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039908.D
Acq: 13 Mar 2019 18:44

Instrument :
BNA_G
ClientSampleId :
PB117884TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.7	185.5
115	61.1	45.9	68.9



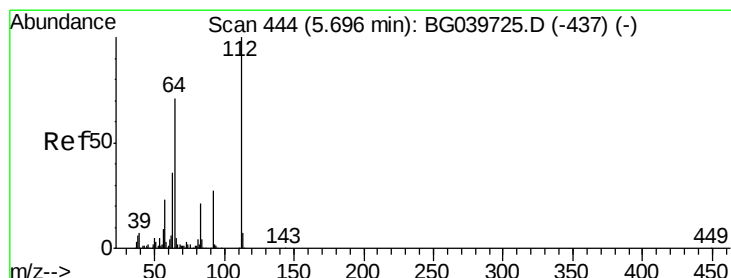
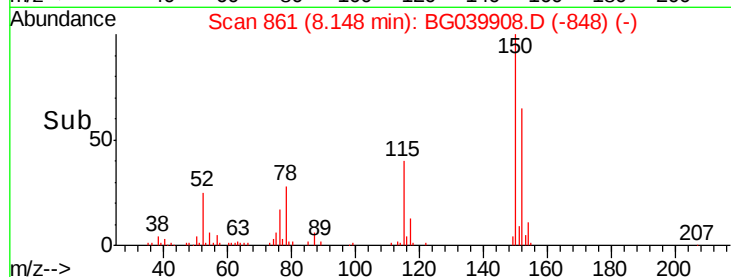
Abundance

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

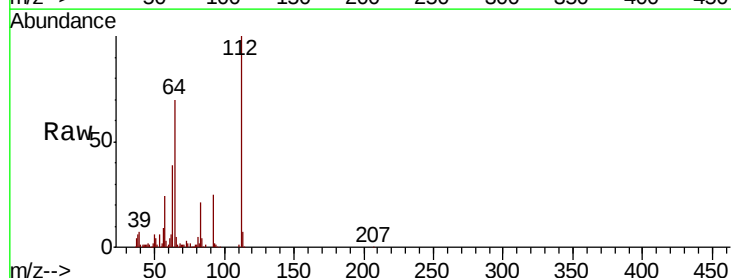
Time-->



#5

2-Fluorophenol
Concen: 99.768 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039908.D
Acq: 13 Mar 2019 18:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.8	86.8
63	38.8	29.8	44.6



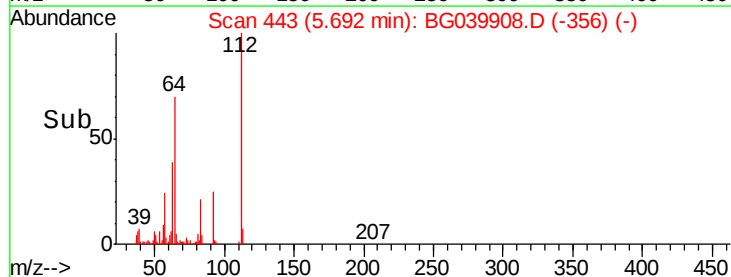
Abundance

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

Time-->





#7

Phenol-d6

Concen: 92.864 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039908.D

Acq: 13 Mar 2019 18:44

Instrument :

BNA_G

ClientSampled :

PB117884TB

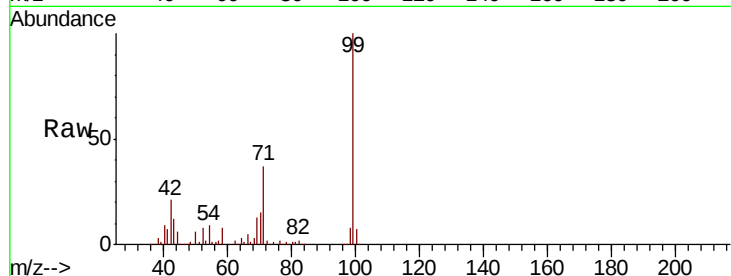
Tot Ion: 99 Resp: 349838

Ion Ratio Lower Upper

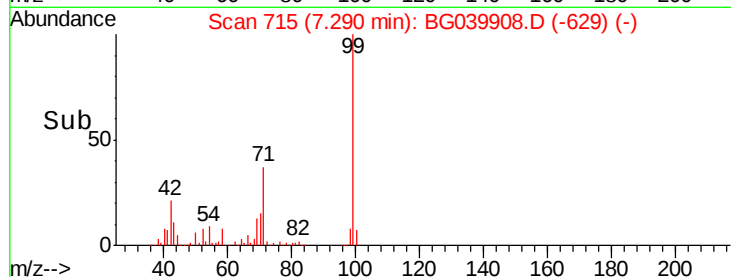
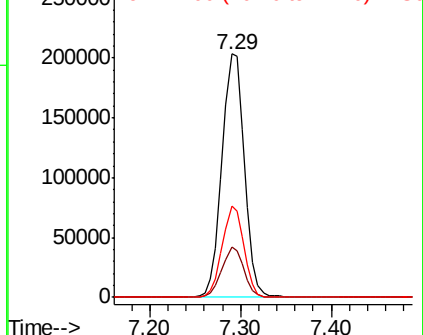
99 100

42 20.9 18.2 27.2

71 37.4 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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039908.D

Acq: 13 Mar 2019 18:44

Tgt Ion: 136 Resp: 176815

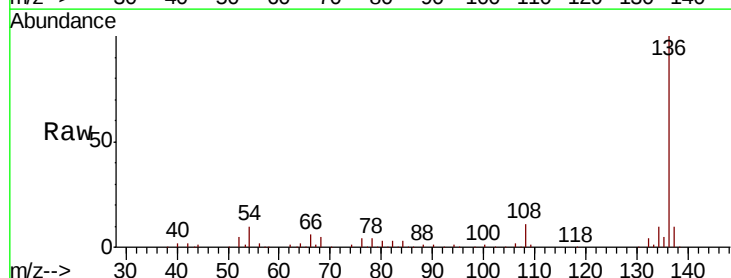
Ion Ratio Lower Upper

136 100

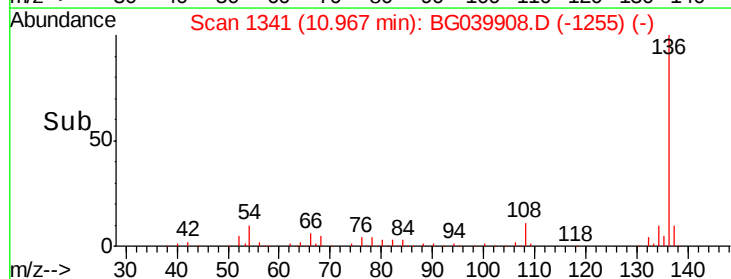
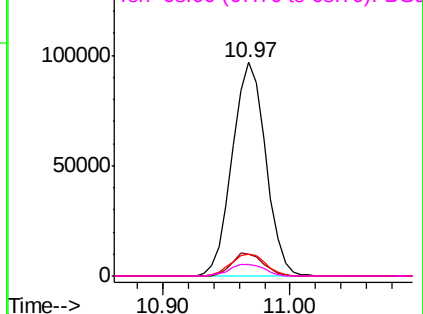
137 10.2 9.1 13.7

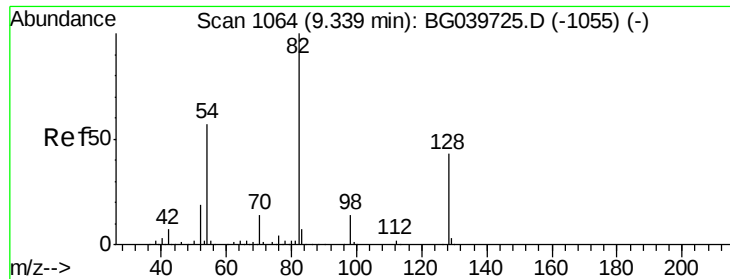
54 9.9 9.4 14.2

68 5.4 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

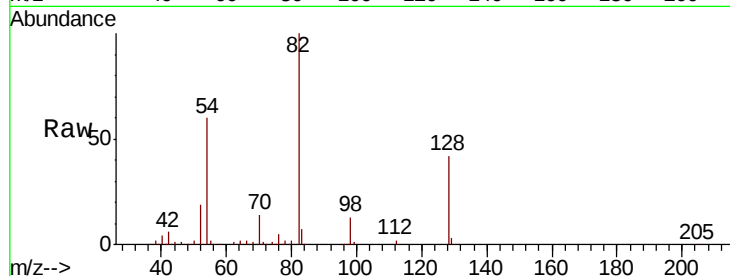




#23
Nitrobenzene-d5
Concen: 64.472 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039908.D
Acq: 13 Mar 2019 18:44

Instrument :
BNA_G
ClientSampleId :
PB117884TB

Tot Ion	82	Resp	210775
Ion Ratio	Lower	Upper	
82	100		
128	42.1	31.3	46.9
54	60.3	50.9	76.3

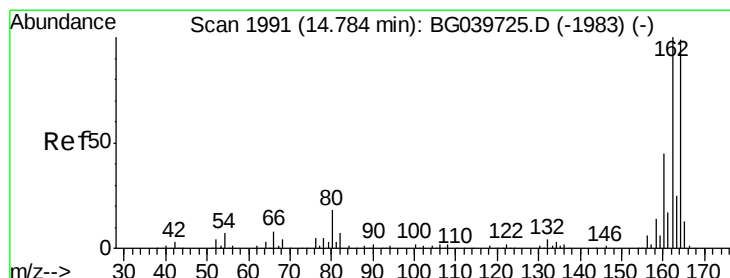
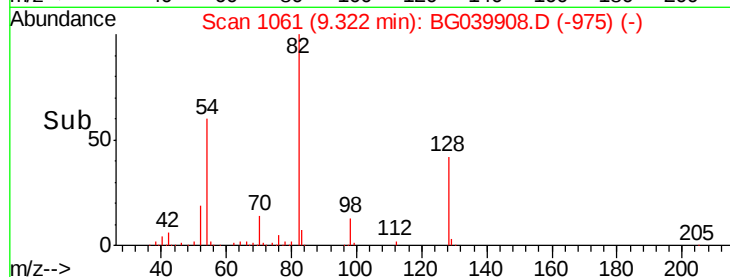
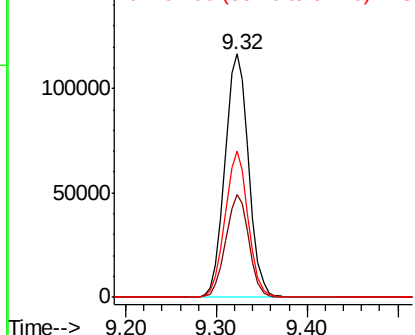


Abundance

Ion 82.00 (81.70 to 82.70): BGC

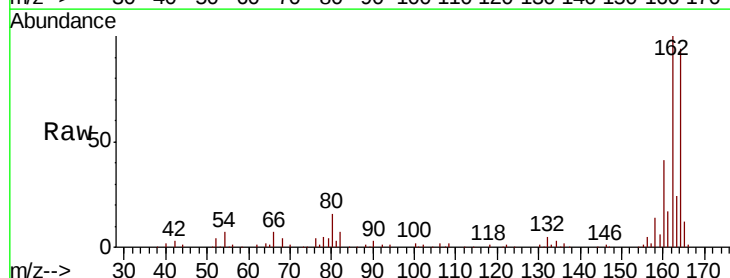
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039908.D
Acq: 13 Mar 2019 18:44

Tgt Ion	164	Resp	112797
Ion Ratio	Lower	Upper	
164	100		
162	106.0	81.6	122.4
160	43.8	34.2	51.2

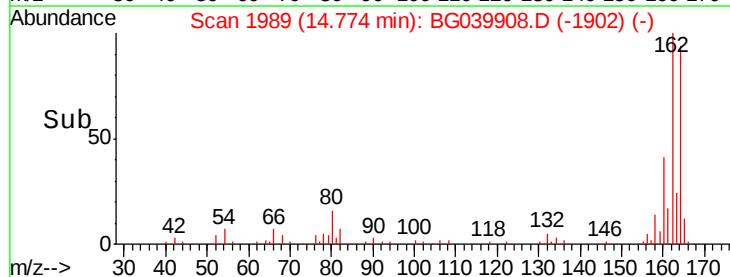
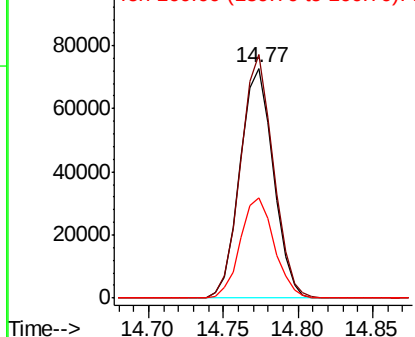


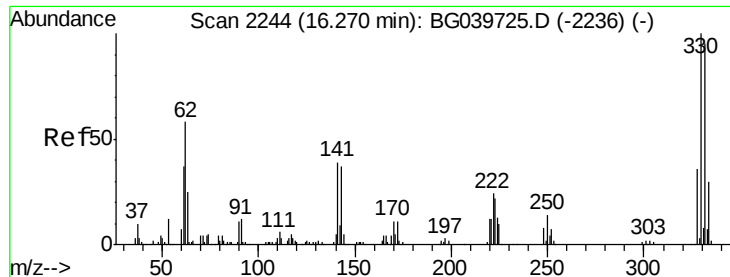
Abundance

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: 95.708 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039908.D

Acq: 13 Mar 2019 18:44

Instrument :

BNA_G

ClientSampled :

PB117884TB

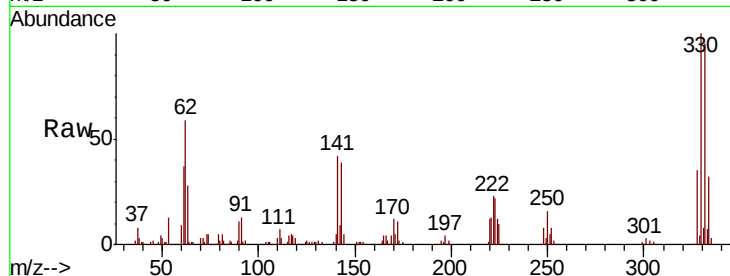
Tot Ion:330 Resp: 125831

Ion Ratio Lower Upper

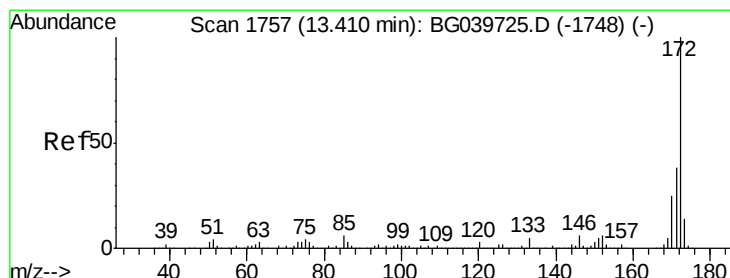
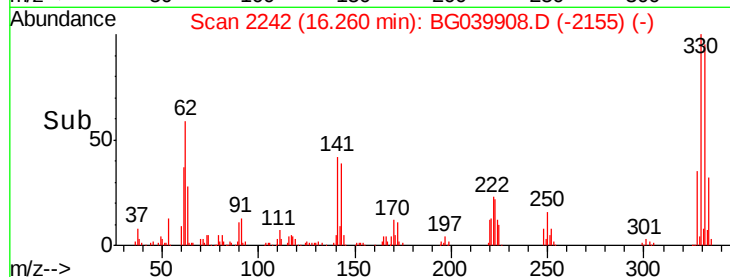
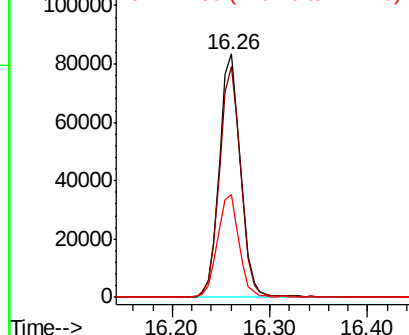
330 100

332 95.5 75.7 113.5

141 42.8 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: 64.856 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG039908.D

Acq: 13 Mar 2019 18:44

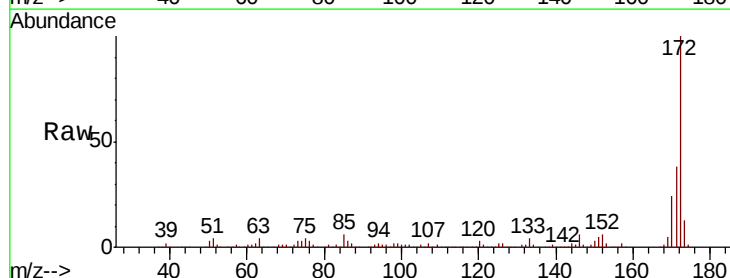
Tgt Ion:172 Resp: 513791

Ion Ratio Lower Upper

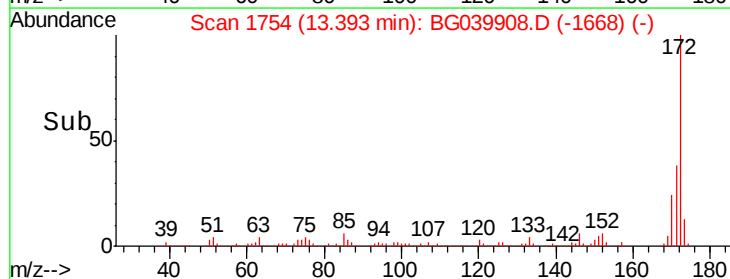
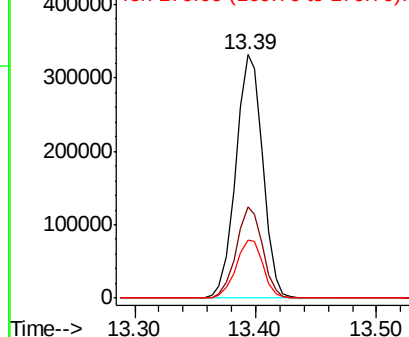
172 100

171 37.5 30.8 46.2

170 24.0 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

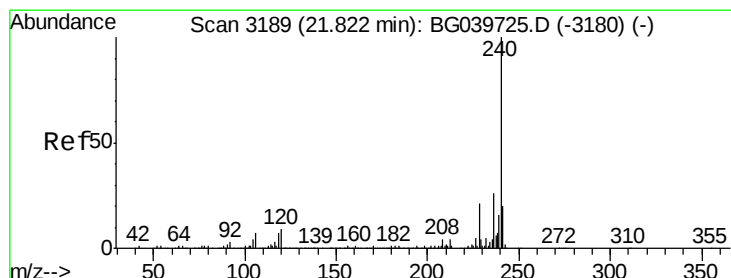
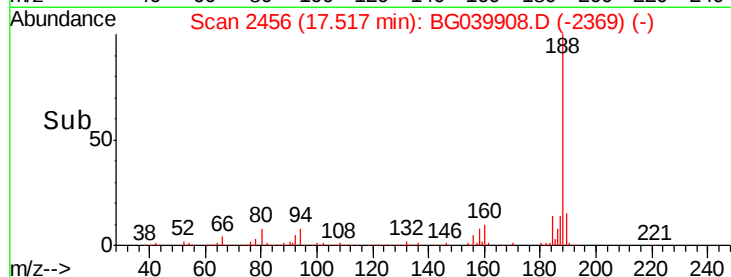
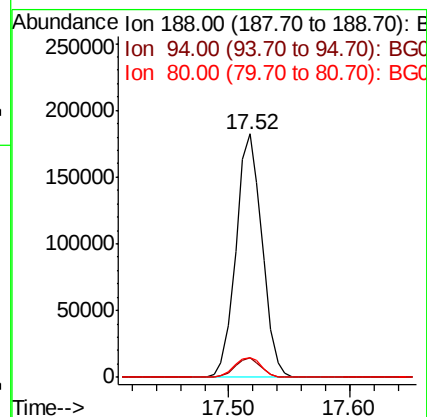
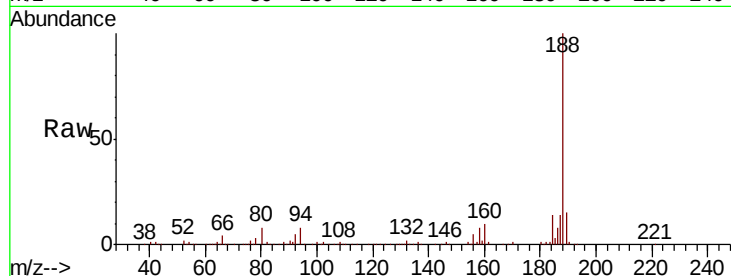




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039908.D
Acq: 13 Mar 2019 18:44

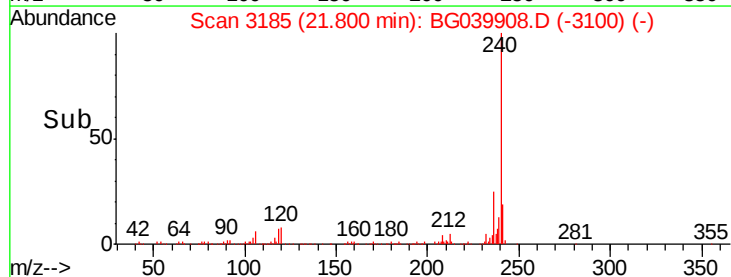
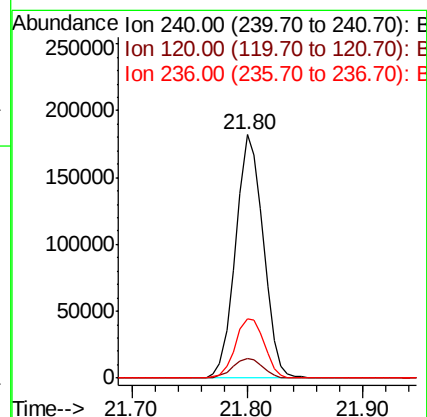
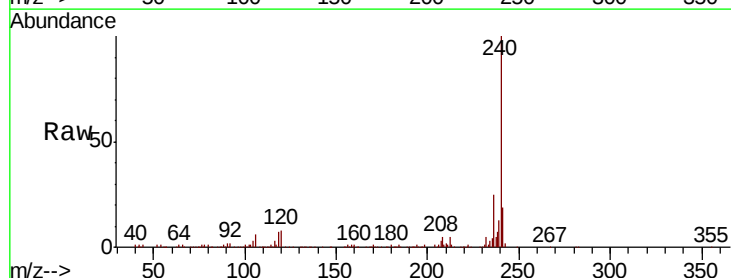
Instrument :
BNA_G
ClientSampleId :
PB117884TB

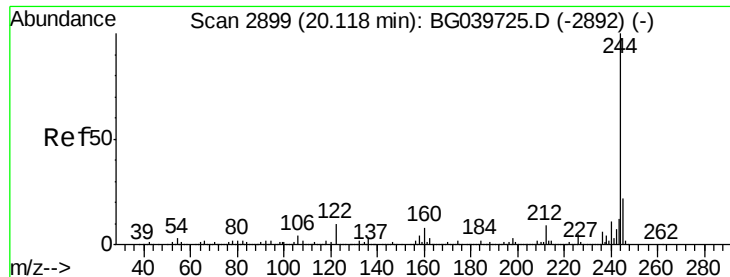
Tot Ion:188 Resp: 274093
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG039908.D
Acq: 13 Mar 2019 18:44

Tgt Ion:240 Resp: 301994
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 24.6 21.0 31.4





#79

Terphenyl-d14

Concen: 61.132 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039908.D

Acq: 13 Mar 2019 18:44

Instrument :

BNA_G

ClientSampleId :

PB117884TB

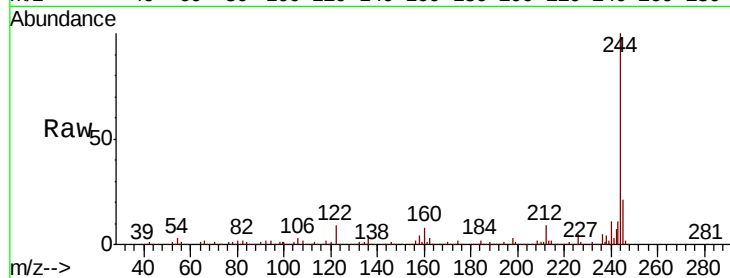
Tot Ion:244 Resp: 838467

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

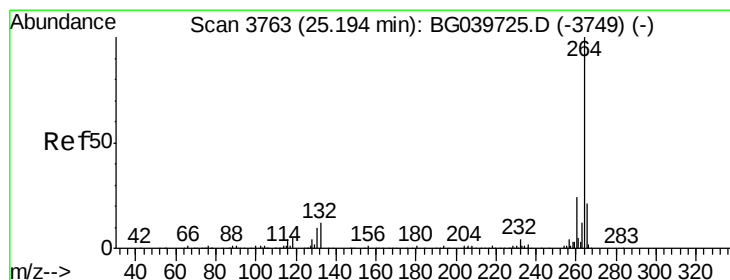
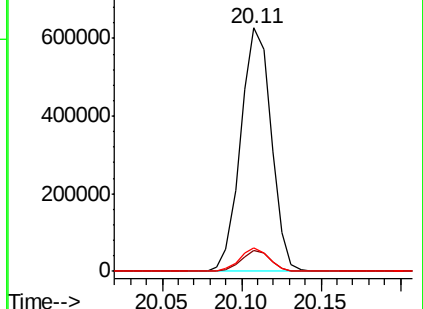
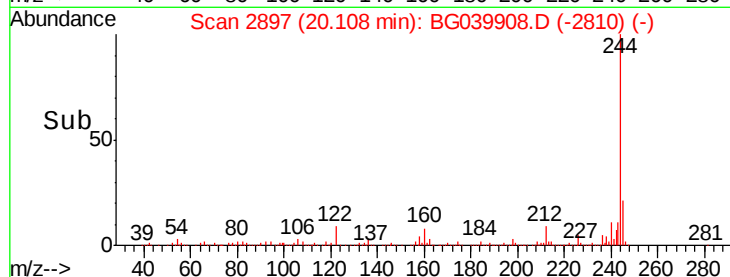
122 9.5 8.4 12.6



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: BG039908.D

Acq: 13 Mar 2019 18:44

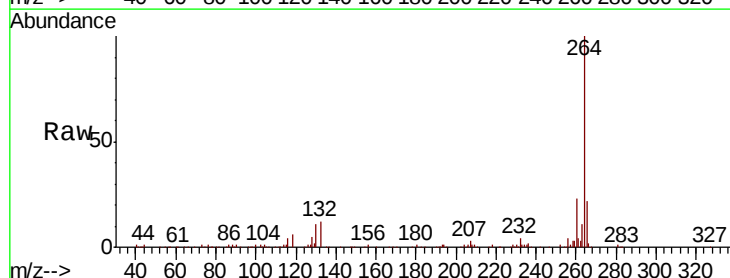
Tgt Ion:264 Resp: 298537

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 22.0 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

