

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040137.D
 Acq On : 26 Mar 2019 5:33
 Operator : JU/SJ
 Sample : K2071-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1

Quant Time: Mar 26 09:00:55 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	8.13	152	35955	20.00	ng	-0.04
21) Naphthalene-d8	10.96	136	162083	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	114865	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	294904	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	299682	20.00	ng	-0.03
87) Perylene-d12	25.16	264	283087	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	298879	141.81	ng	-0.02
7) Phenol-d6	7.29	99	399529	127.14	ng	-0.02
23) Nitrobenzene-d5	9.31	82	296295	98.87	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	192507	143.79	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	739212	91.63	ng	-0.03
79) Terphenyl-d14	20.11	244	1304369	95.83	ng	-0.02

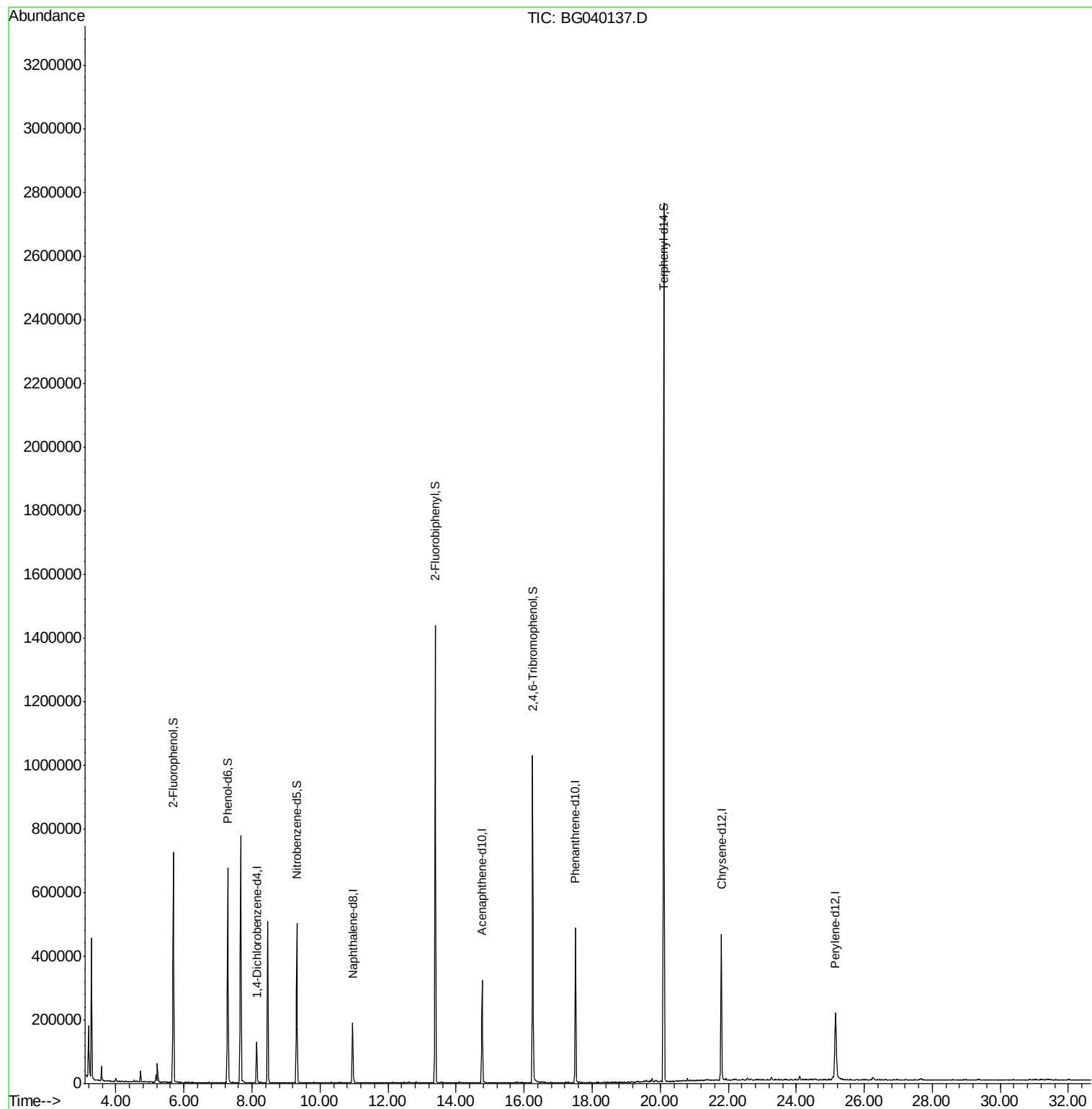
Target Compounds	Qvalue
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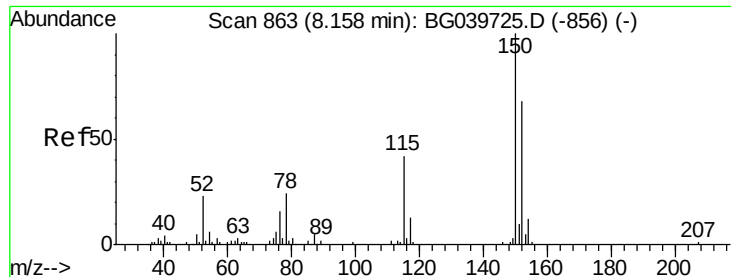
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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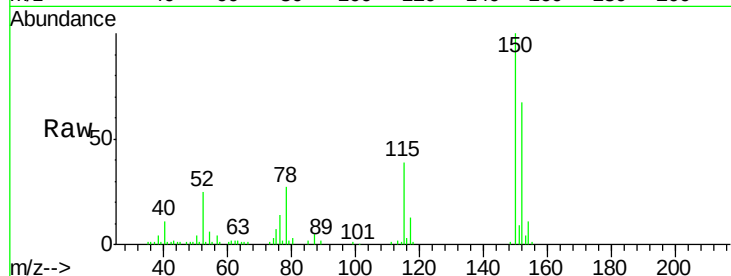


#1

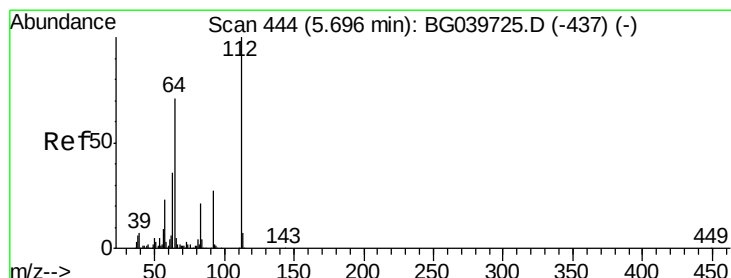
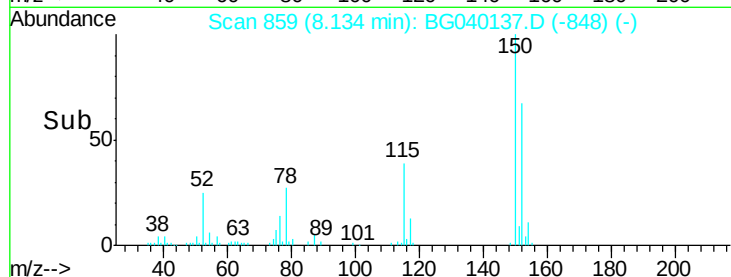
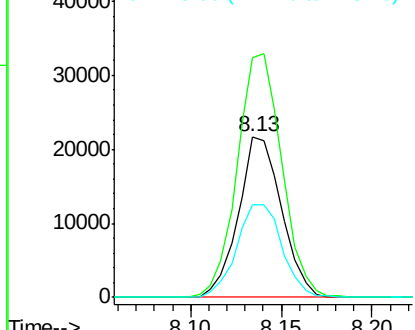
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 859
Delta R.T. -0.04 min
Lab File: BG040137.D
Acq: 26 Mar 2019 5:33

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.7	123.7	185.5
115	57.5	45.9	68.9



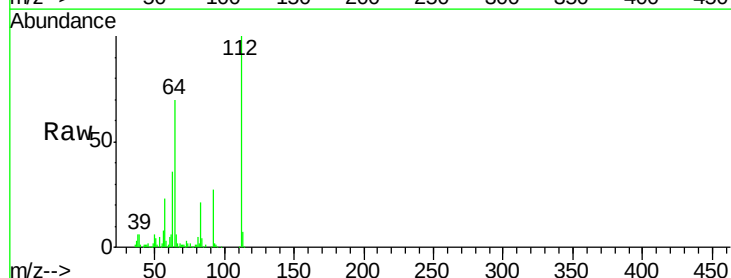
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



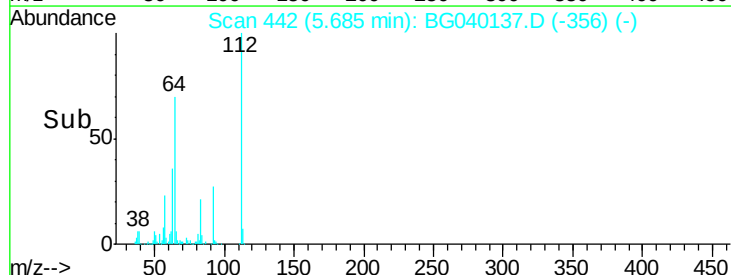
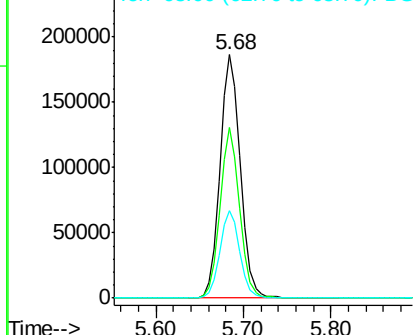
#5

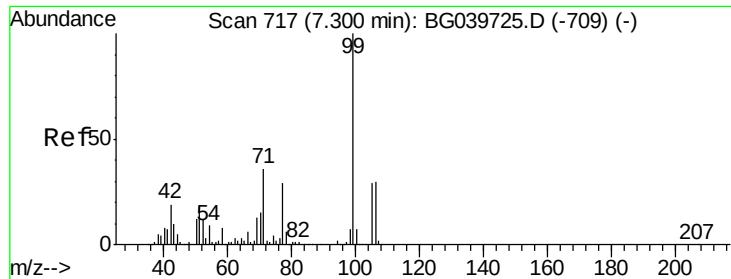
2-Fluorophenol
Concen: 141.813 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040137.D
Acq: 26 Mar 2019 5:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.8	86.8
63	36.1	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: 127.138 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040137.D

Acq: 26 Mar 2019 5:33

Instrument :

BNA_G

ClientSampleId :

DRUM-1

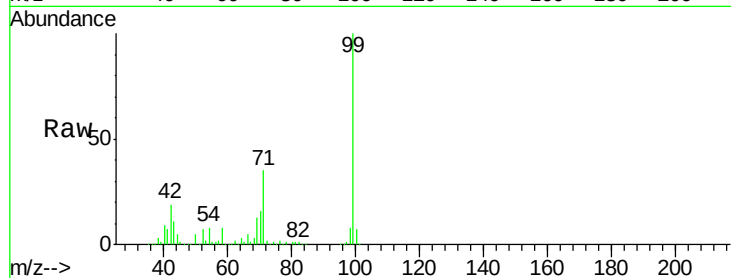
Tgt Ion: 99 Resp: 399529

Ion Ratio Lower Upper

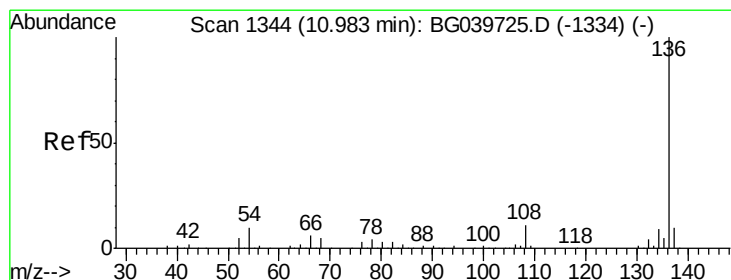
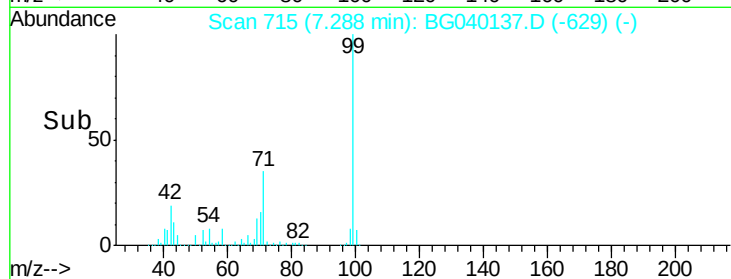
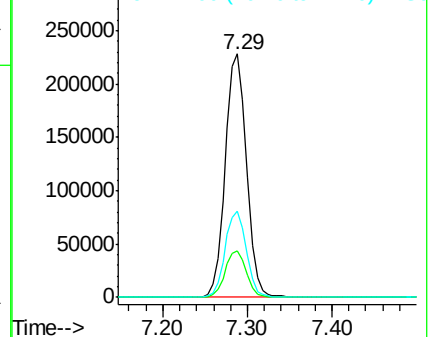
99 100

42 19.1 18.2 27.2

71 35.4 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040137.D

Acq: 26 Mar 2019 5:33

Tgt Ion: 136 Resp: 162083

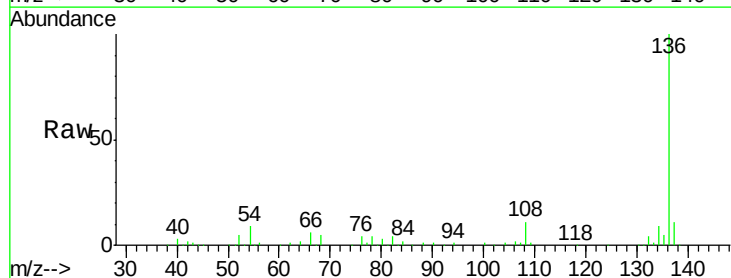
Ion Ratio Lower Upper

136 100

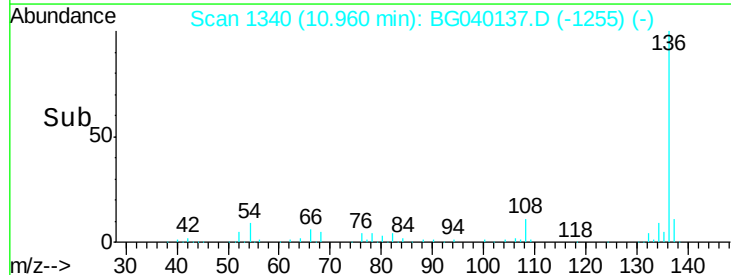
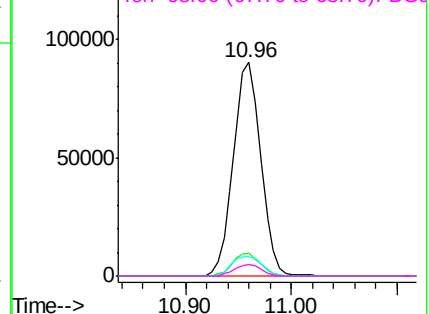
137 10.6 9.1 13.7

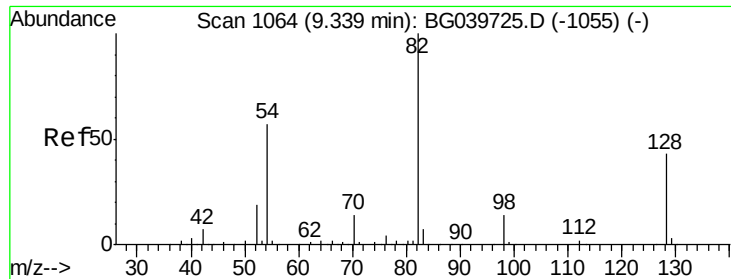
54 9.2 9.4 14.2#

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

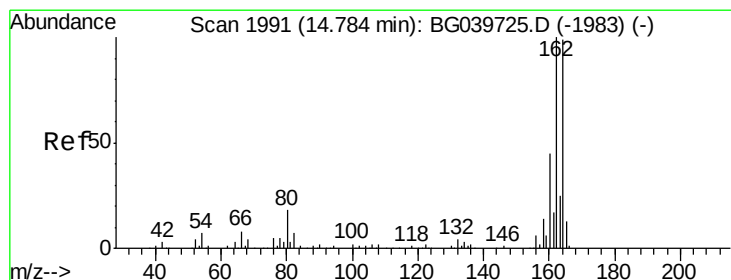
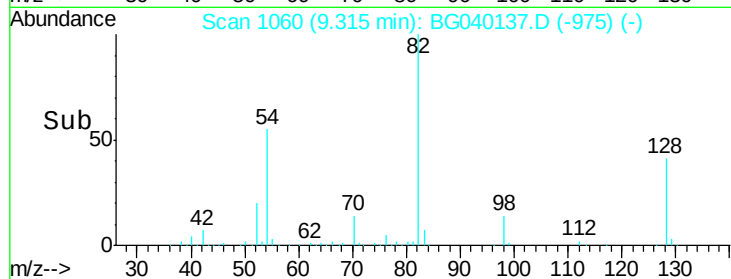
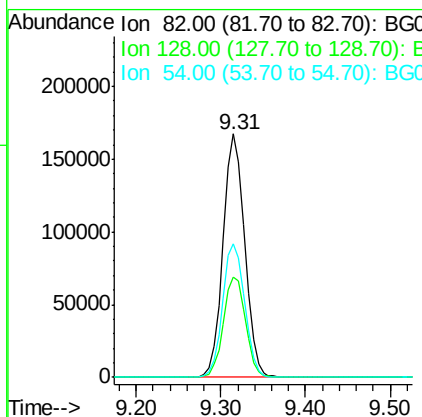
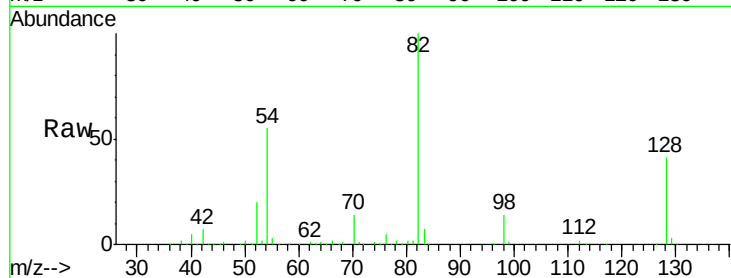




#23
Nitrobenzene-d5
Concen: 98.868 ng
RT: 9.31 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040137.D
Acq: 26 Mar 2019 5:33

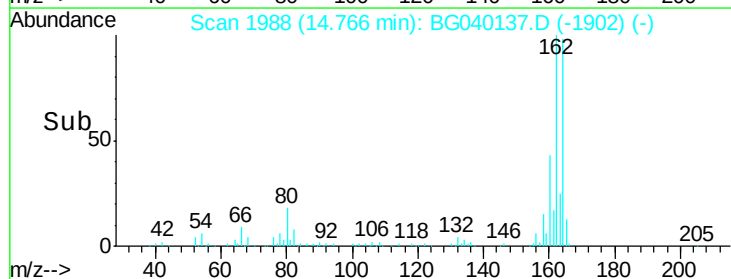
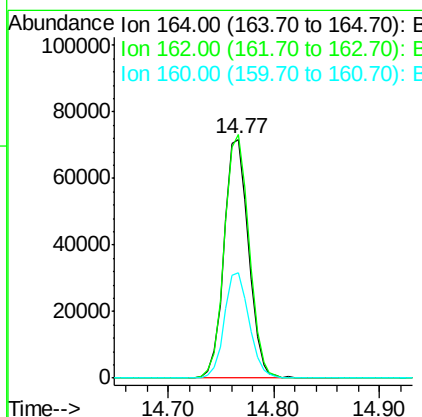
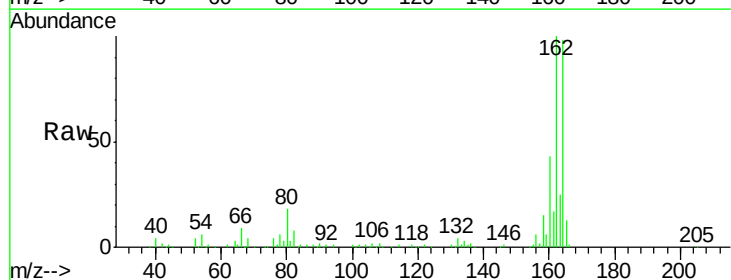
Instrument :
BNA_G
ClientSampled :
DRUM-1

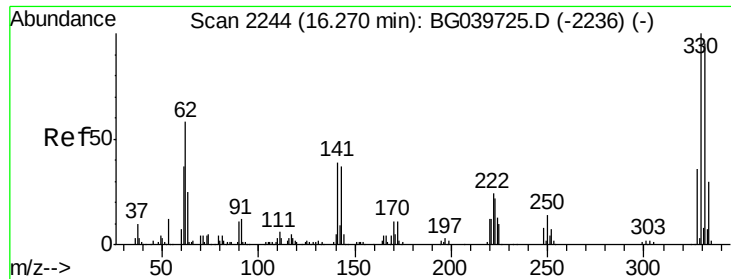
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.3	46.9
54	55.0	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040137.D
Acq: 26 Mar 2019 5:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.6	122.4
160	44.2	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 143.787 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040137.D

Acq: 26 Mar 2019 5:33

Instrument :

BNA_G

ClientSampleId :

DRUM-1

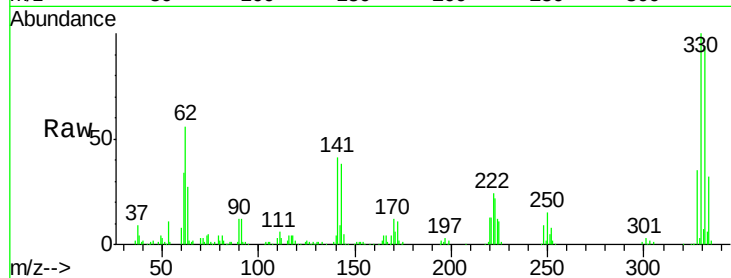
Tgt Ion:330 Resp: 192507

Ion Ratio Lower Upper

330 100

332 94.9 75.7 113.5

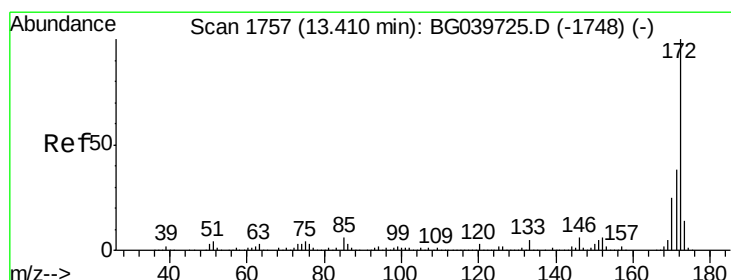
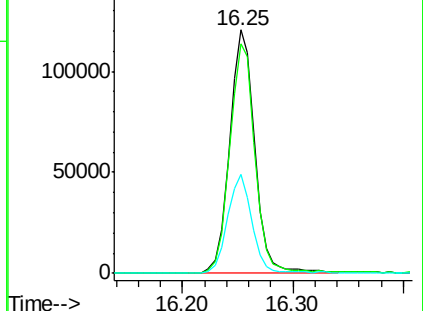
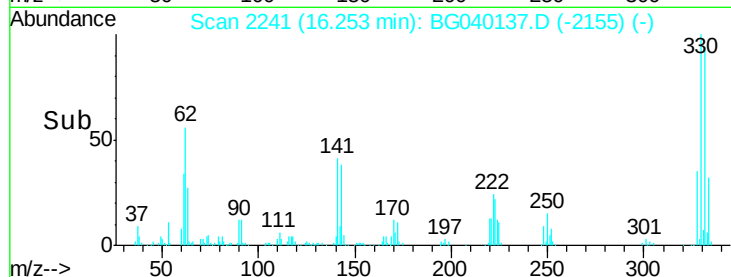
141 39.7 35.6 53.4



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: 91.630 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040137.D

Acq: 26 Mar 2019 5:33

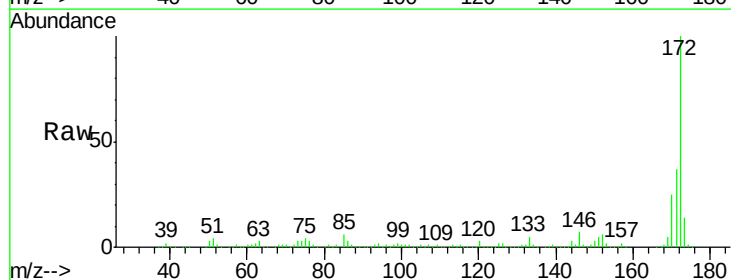
Tgt Ion:172 Resp: 739212

Ion Ratio Lower Upper

172 100

171 37.1 30.8 46.2

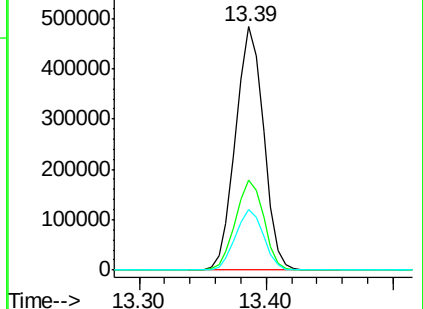
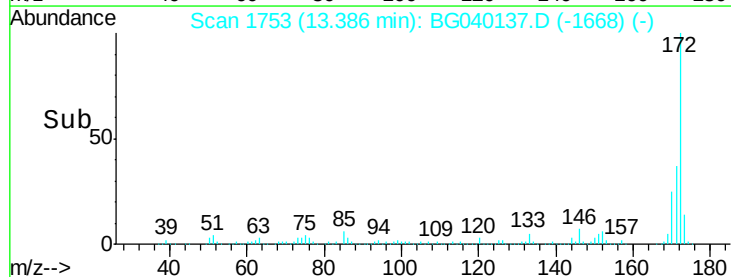
170 24.8 20.2 30.4

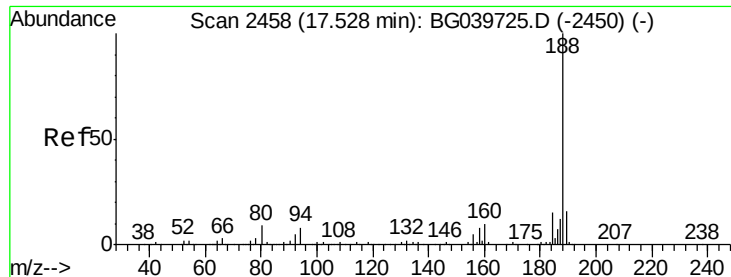


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

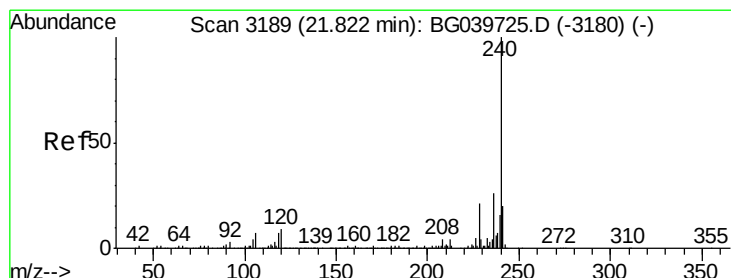
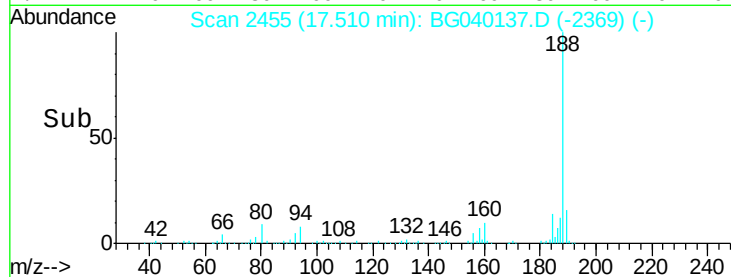
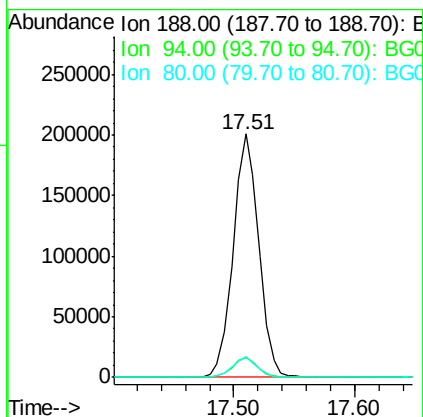
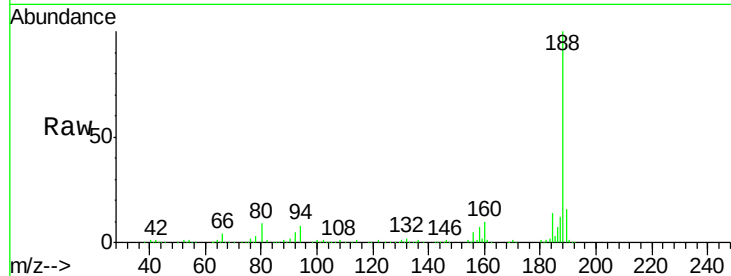




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040137.D
Acq: 26 Mar 2019 5:33

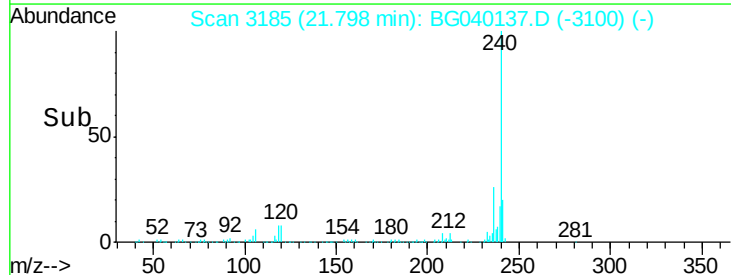
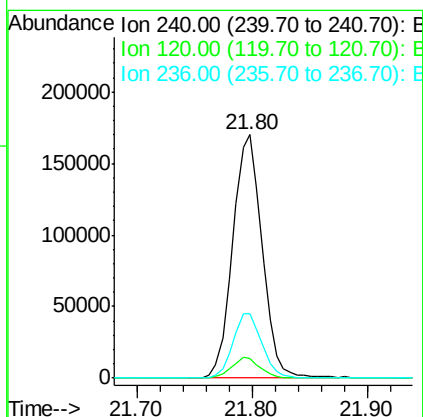
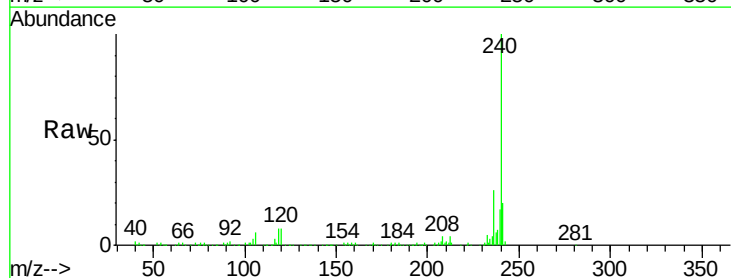
Instrument :
BNA_G
ClientSampleId :
DRUM-1

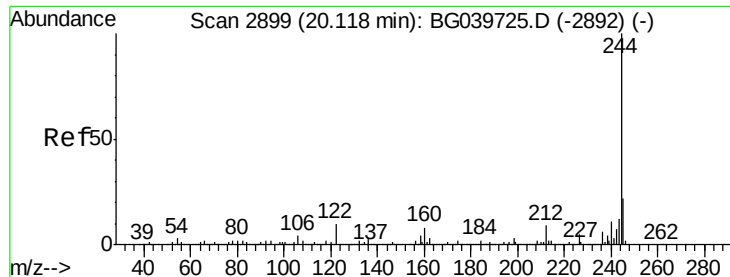
Tgt Ion:188 Resp: 294904
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040137.D
Acq: 26 Mar 2019 5:33

Tgt Ion:240 Resp: 299682
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 95.834 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040137.D

Acq: 26 Mar 2019 5:33

Instrument :

BNA_G

ClientSampleId :

DRUM-1

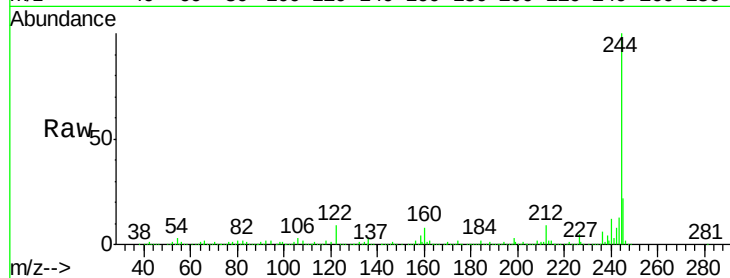
Tgt Ion:244 Resp: 1304369

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

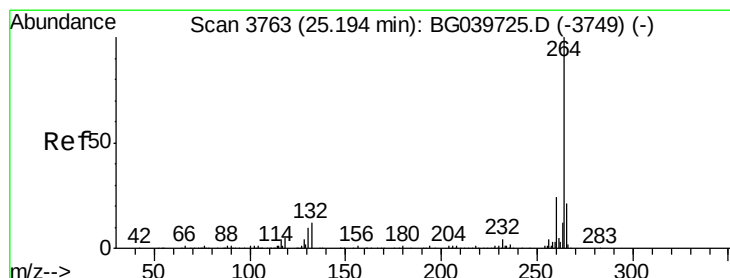
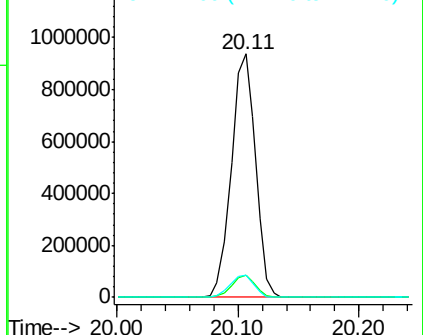
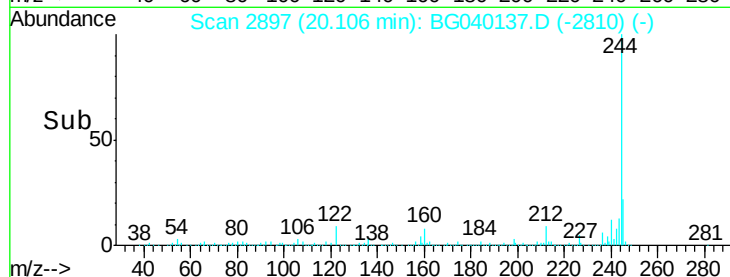
122 9.2 8.4 12.6



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: BG040137.D

Acq: 26 Mar 2019 5:33

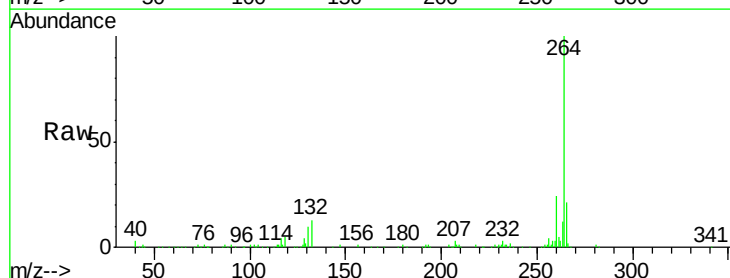
Tgt Ion:264 Resp: 283087

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 21.1 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

