

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040028.D
 Acq On : 20 Mar 2019 7:54
 Operator : JU/SJ
 Sample : K1697-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031519-A

Quant Time: Mar 20 09:00:13 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	8.14	152	34570	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	147772	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	99330	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	262464	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	286482	20.00	ng	-0.03
87) Perylene-d12	25.16	264	282267	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	268304	132.41	ng	-0.02
7) Phenol-d6	7.29	99	363274	120.23	ng	-0.02
23) Nitrobenzene-d5	9.32	82	275722	100.91	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	175433	151.53	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	661450	94.81	ng	-0.02
79) Terphenyl-d14	20.11	244	1249635	96.04	ng	-0.02

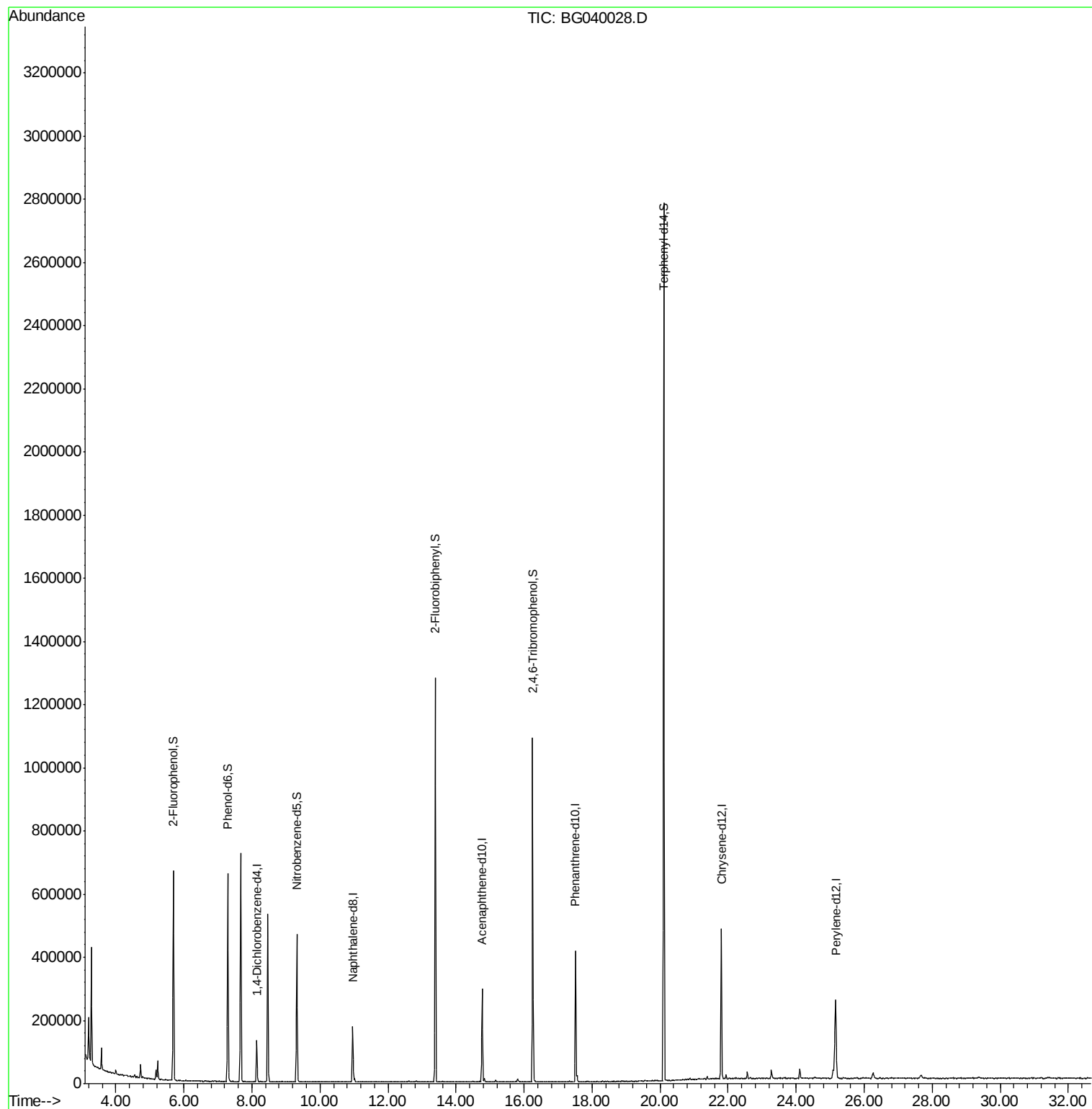
Target Compounds Qvalue

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

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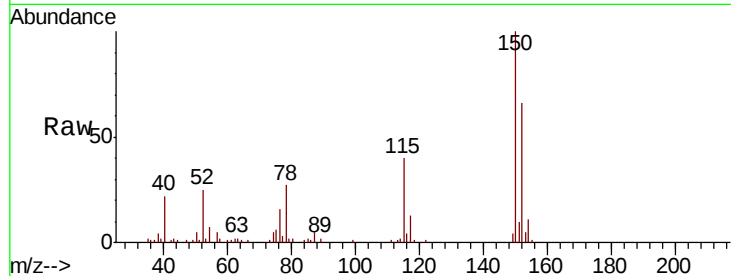


#1

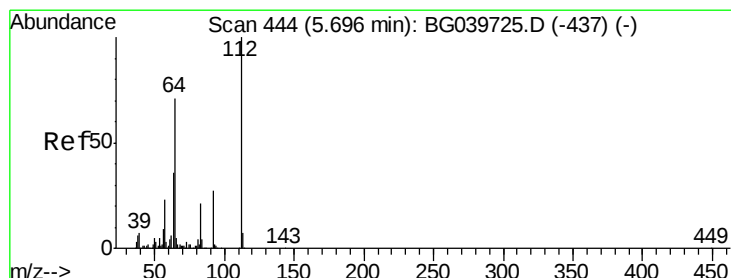
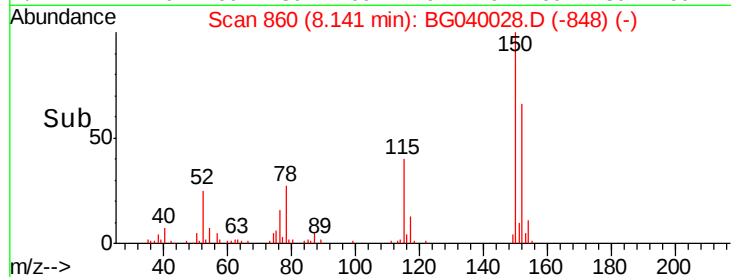
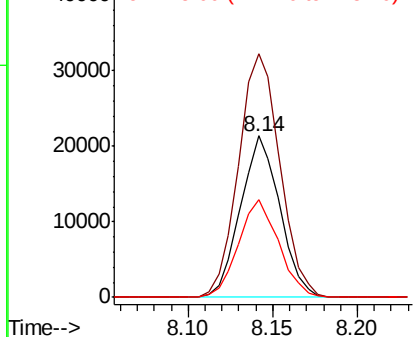
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040028.D
Acq: 20 Mar 2019 7:54

Instrument :
BNA_G
ClientSampleId :
SU-01-031519-A

Tot Ion:152 Resp: 34570
Ion Ratio Lower Upper
152 100
150 151.0 123.7 185.5
115 60.3 45.9 68.9



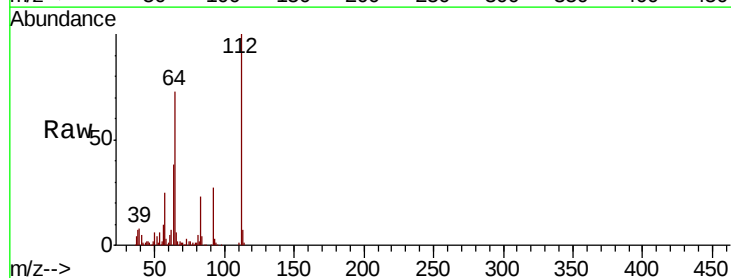
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



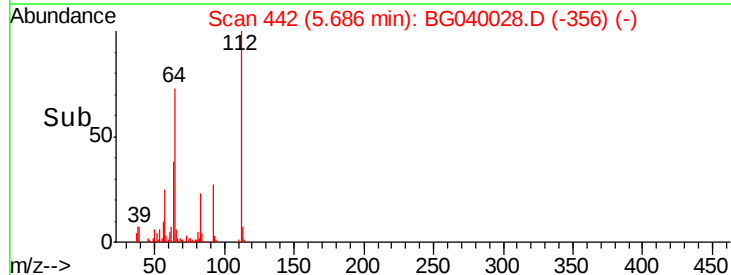
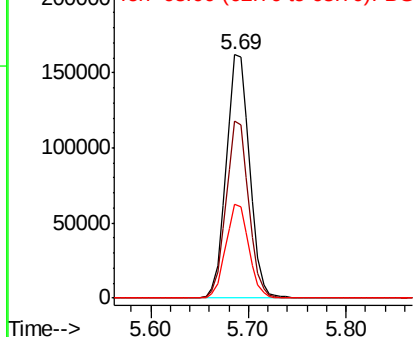
#5

2-Fluorophenol
Concen: 132.406 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040028.D
Acq: 20 Mar 2019 7:54

Tgt Ion:112 Resp: 268304
Ion Ratio Lower Upper
112 100
64 72.8 57.8 86.8
63 38.3 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: 120.232 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040028.D

Acq: 20 Mar 2019 7:54

Instrument :

BNA_G

ClientSampleId :

SU-01-031519-A

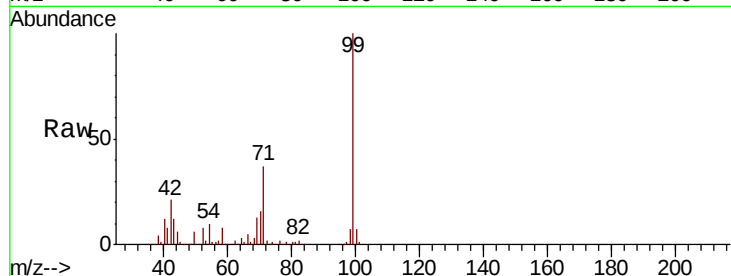
Tot Ion: 99 Resp: 363274

Ion Ratio Lower Upper

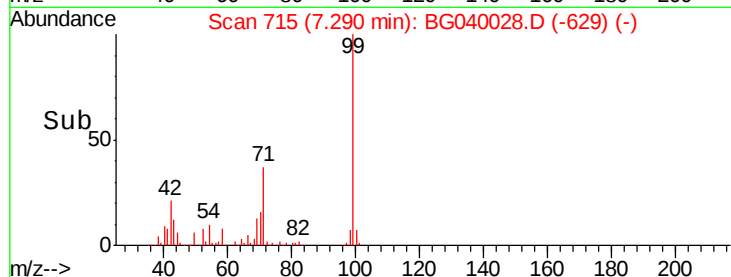
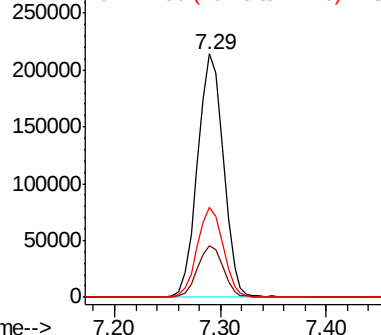
99 100

42 21.0 18.2 27.2

71 37.2 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: BG040028.D

Acq: 20 Mar 2019 7:54

Tgt Ion: 136 Resp: 147772

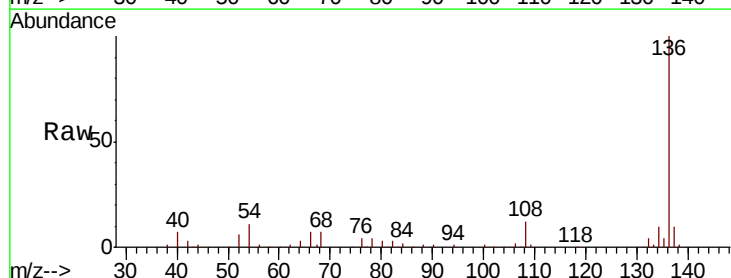
Ion Ratio Lower Upper

136 100

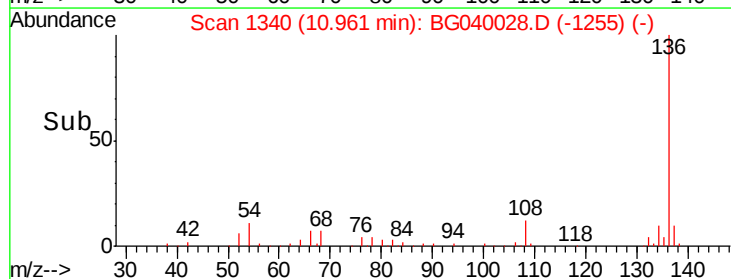
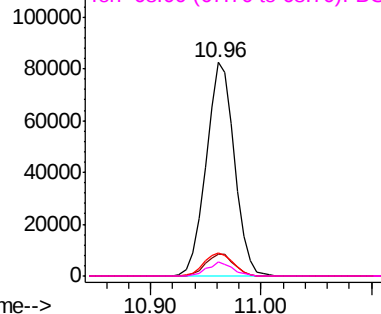
137 10.4 9.1 13.7

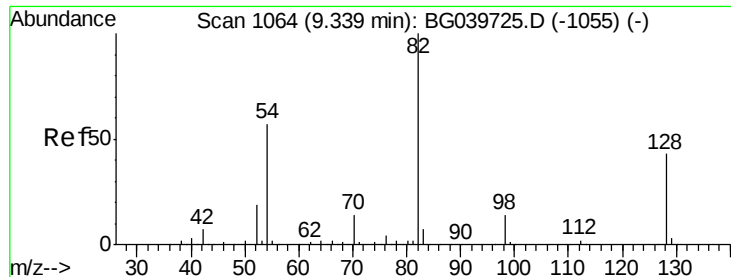
54 11.1 9.4 14.2

68 6.6 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

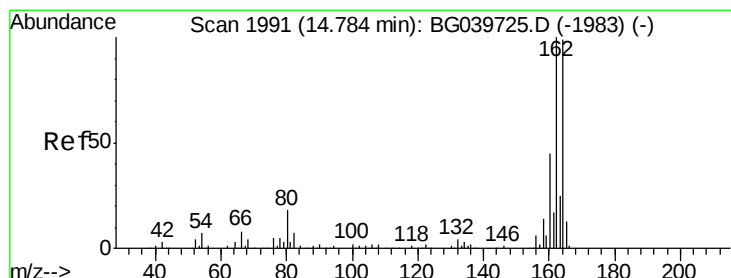
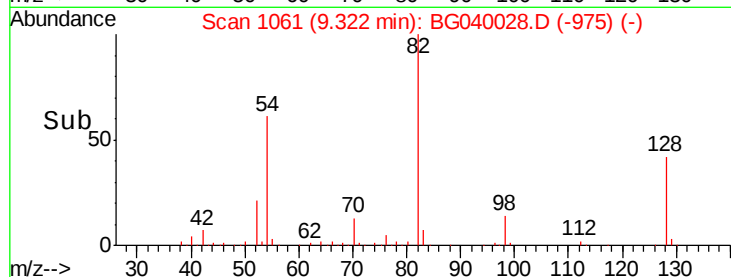
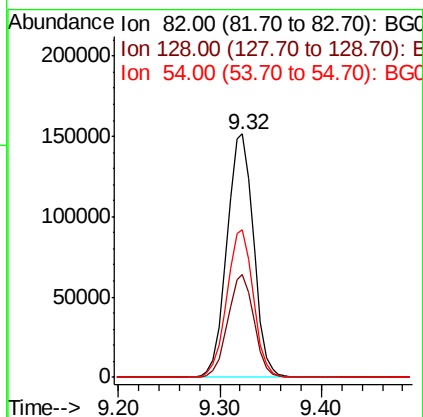
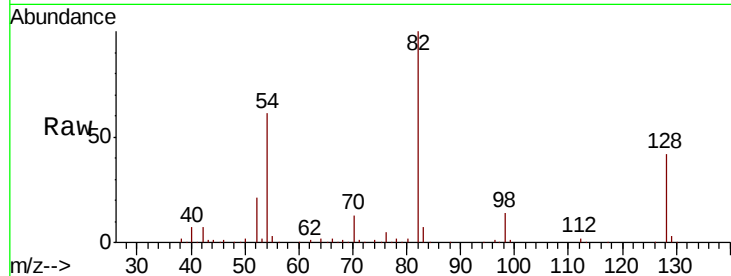




#23
Nitrobenzene-d5
Concen: 100.913 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040028.D
Acq: 20 Mar 2019 7:54

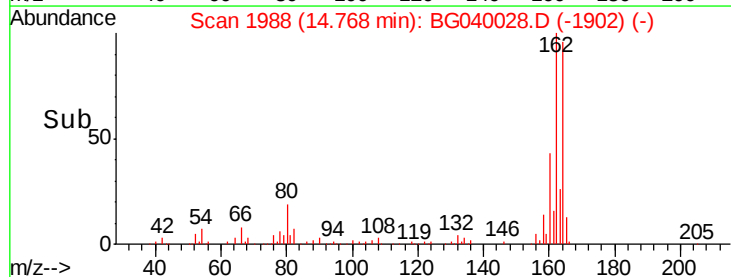
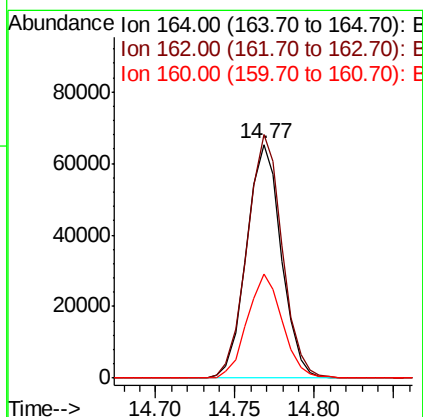
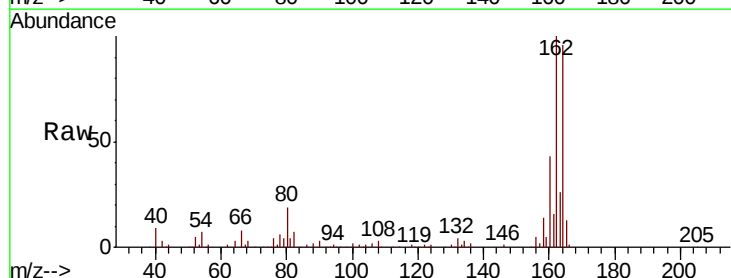
Instrument :
BNA_G
ClientSampleId :
SU-01-031519-A

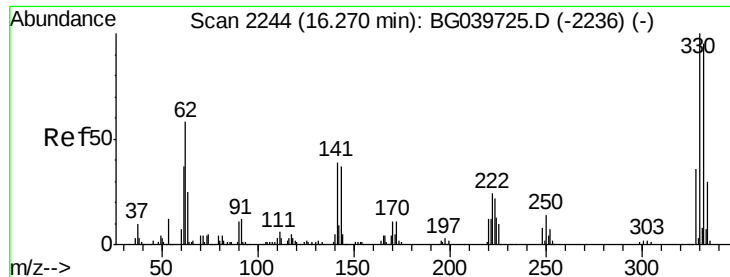
Tot Ion: 82 Resp: 275722
Ion Ratio Lower Upper
82 100
128 42.4 31.3 46.9
54 60.8 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040028.D
Acq: 20 Mar 2019 7:54

Tgt Ion:164 Resp: 99330
Ion Ratio Lower Upper
164 100
162 104.2 81.6 122.4
160 44.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 151.527 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040028.D

Acq: 20 Mar 2019 7:54

Instrument :

BNA_G

ClientSampleId :

SU-01-031519-A

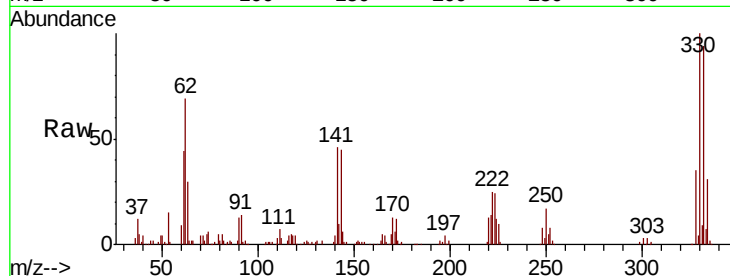
Tot Ion:330 Resp: 175433

Ion Ratio Lower Upper

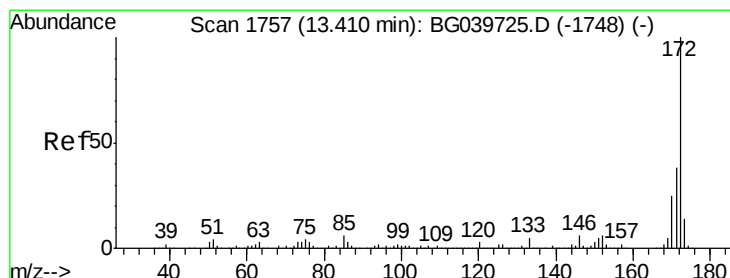
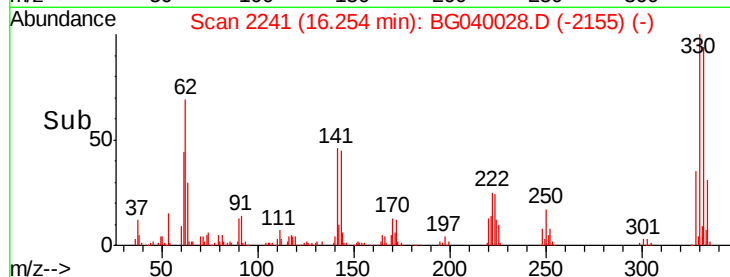
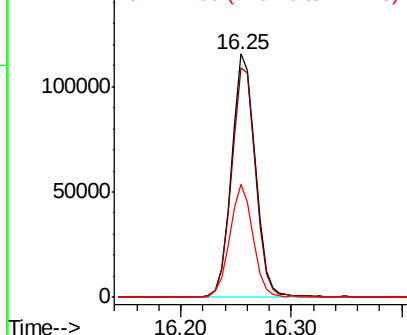
330 100

332 95.6 75.7 113.5

141 45.3 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: 94.814 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040028.D

Acq: 20 Mar 2019 7:54

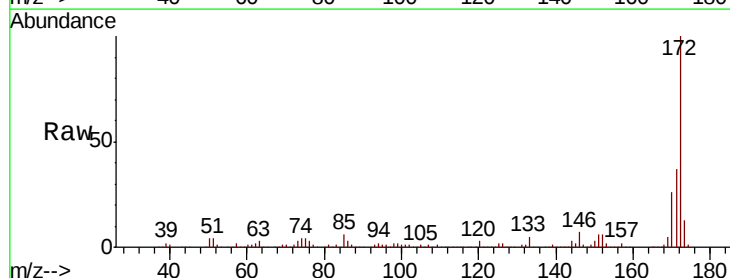
Tgt Ion:172 Resp: 661450

Ion Ratio Lower Upper

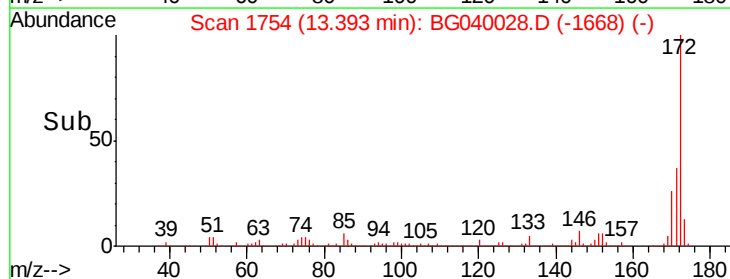
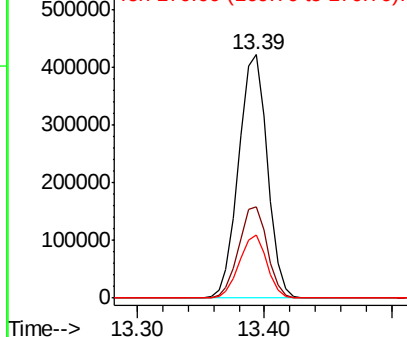
172 100

171 37.3 30.8 46.2

170 25.7 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: BG040028.D

Acq: 20 Mar 2019 7:54

Instrument :

BNA_G

ClientSampleId :

SU-01-031519-A

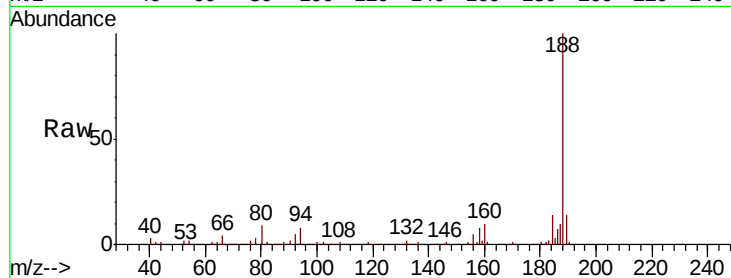
Tot Ion:188 Resp: 262464

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

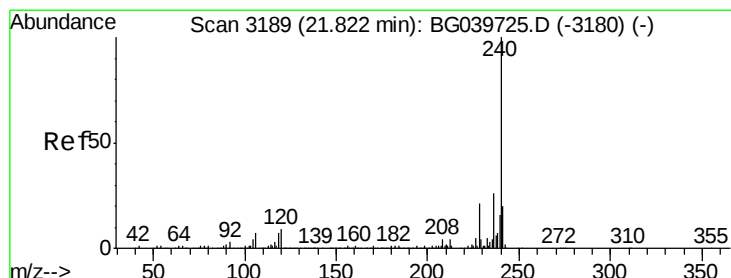
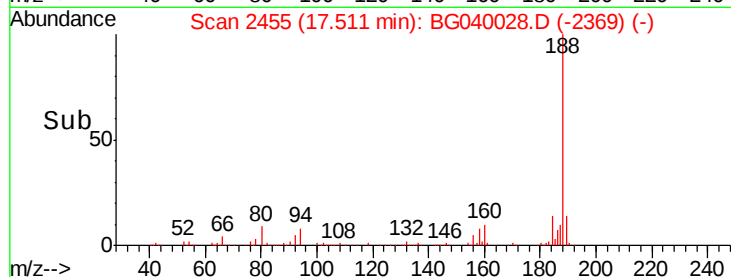
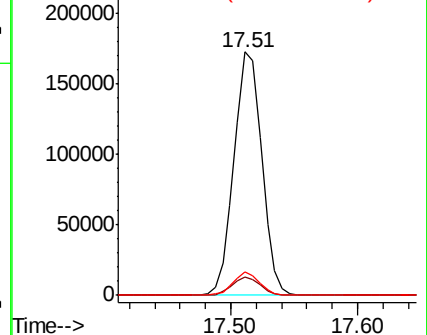
80 9.4 8.1 12.1



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# 3185

Delta R.T. -0.03 min

Lab File: BG040028.D

Acq: 20 Mar 2019 7:54

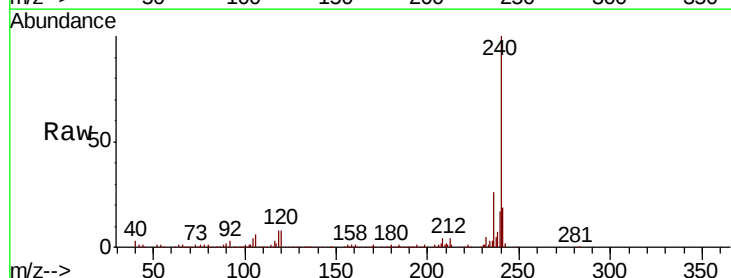
Tgt Ion:240 Resp: 286482

Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

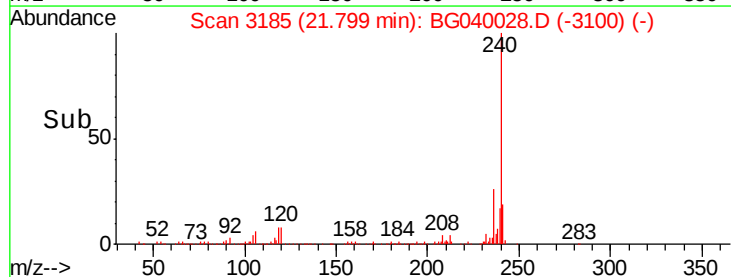
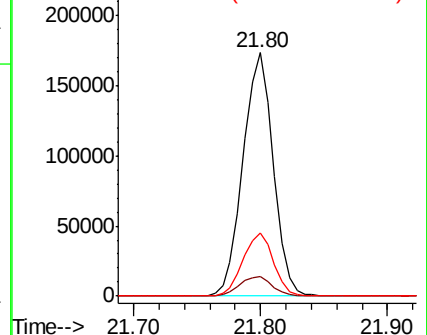
236 25.8 21.0 31.4

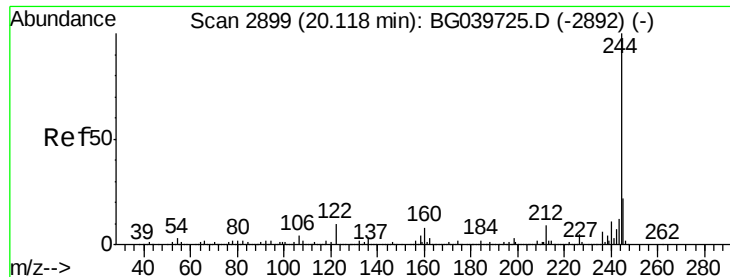


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.043 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040028.D

Acq: 20 Mar 2019 7:54

Instrument :

BNA_G

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SU-01-031519-A

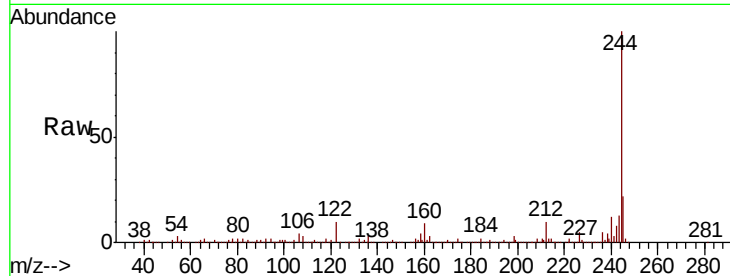
Tot Ion:244 Resp: 1249635

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

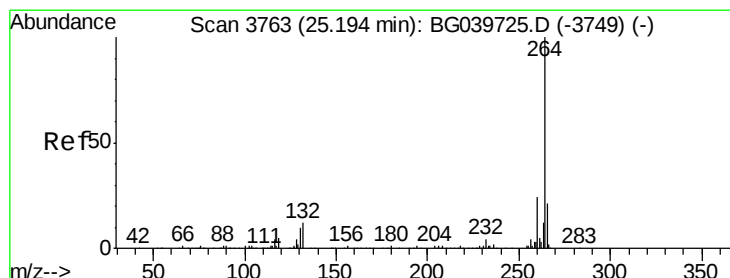
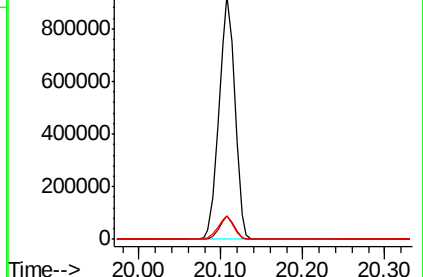
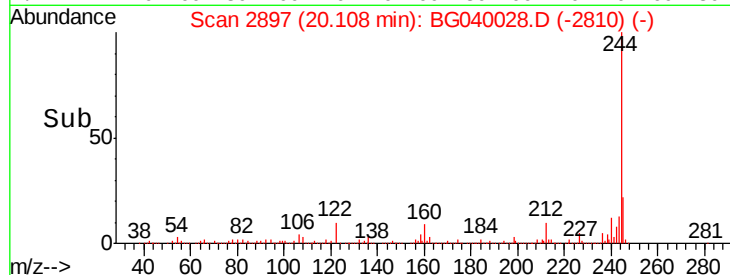
122 9.5 8.4 12.6



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: BG040028.D

Acq: 20 Mar 2019 7:54

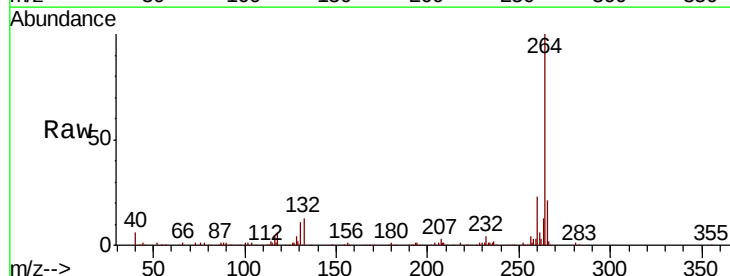
Tgt Ion:264 Resp: 282267

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.4 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

