

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040048.D
 Acq On : 20 Mar 2019 23:05
 Operator : JU/SJ
 Sample : K1971-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14(13-15)-031519

Quant Time: Mar 21 11:42:31 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

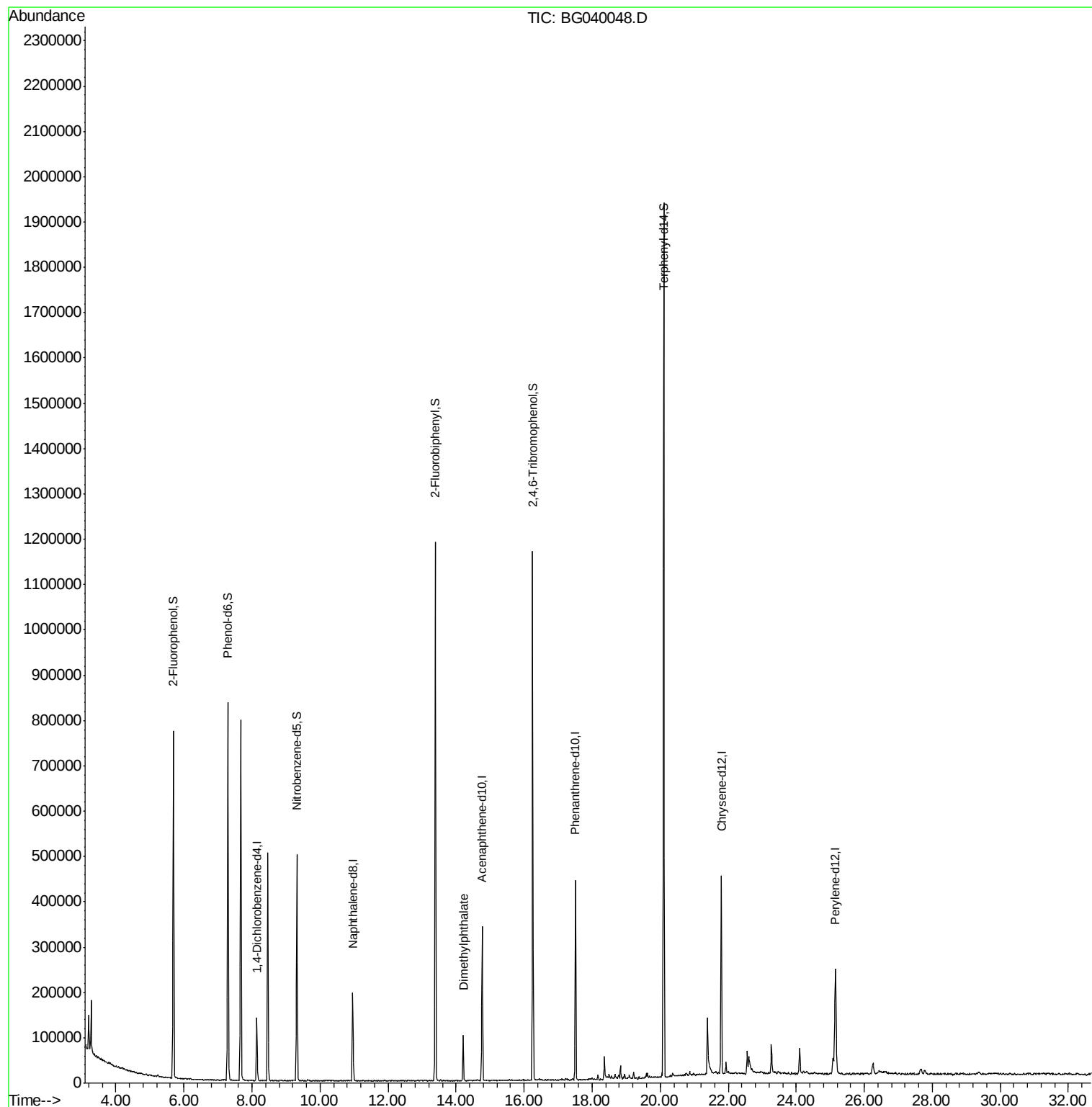
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38082	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	166553	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	116536	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	276269	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	260002	20.00	ng	-0.03
87) Perylene-d12	25.15	264	265523	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	323932	145.12	ng	-0.02
7) Phenol-d6	7.29	99	483765	145.35	ng	-0.02
23) Nitrobenzene-d5	9.32	82	297247	96.52	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	199506	146.88	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	638585	78.02	ng	-0.02
79) Terphenyl-d14	20.11	244	910445	77.10	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	72051	7.394	ng	Qvalue 99

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

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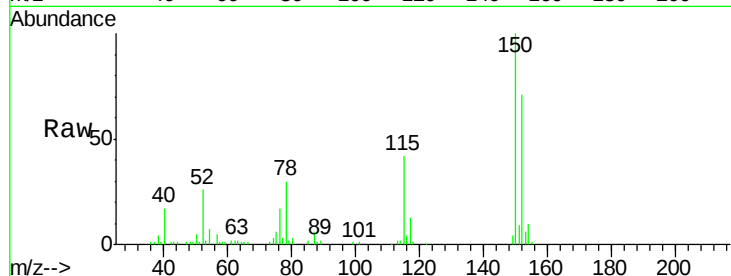


#1

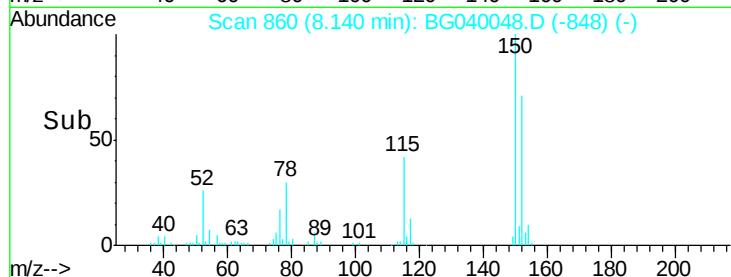
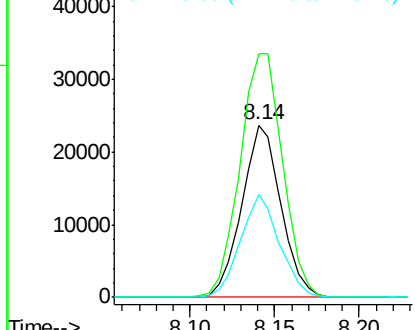
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040048.D
Acq: 20 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
SB-14(13-15)-031519

Tgt Ion:152 Resp: 38082
Ion Ratio Lower Upper
152 100
150 141.4 123.7 185.5
115 60.1 45.9 68.9



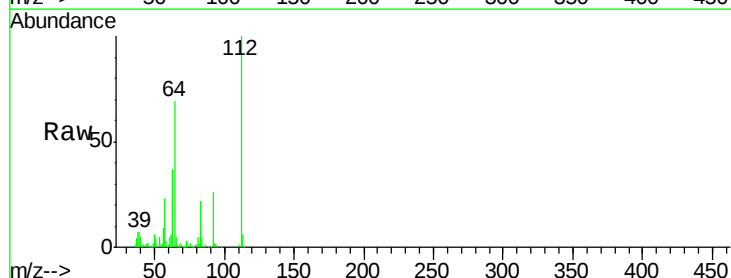
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



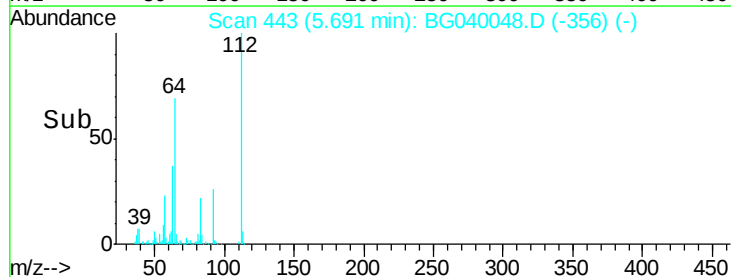
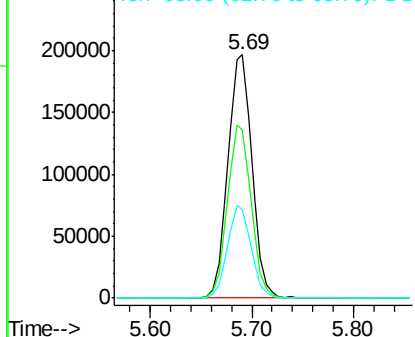
#5

2-Fluorophenol
Concen: 145.116 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040048.D
Acq: 20 Mar 2019 23:05

Tgt Ion:112 Resp: 323932
Ion Ratio Lower Upper
112 100
64 68.8 57.8 86.8
63 36.7 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: 145.345 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040048.D

Acq: 20 Mar 2019 23:05

Instrument :

BNA_G

ClientSampleId :

SB-14(13-15)-031519

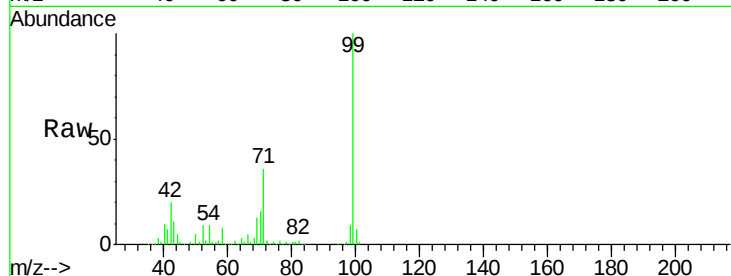
Tgt Ion: 99 Resp: 483765

Ion Ratio Lower Upper

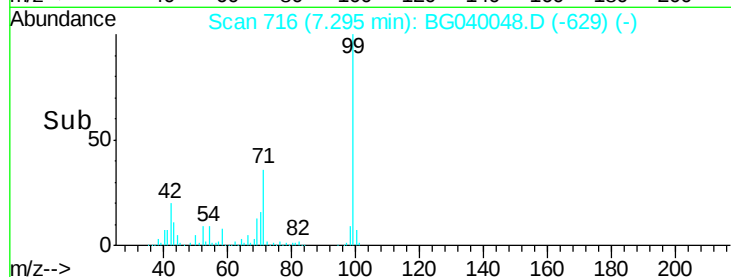
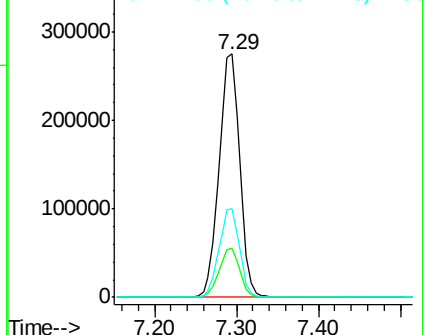
99 100

42 20.0 18.2 27.2

71 36.2 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: BG040048.D

Acq: 20 Mar 2019 23:05

Tgt Ion: 136 Resp: 166553

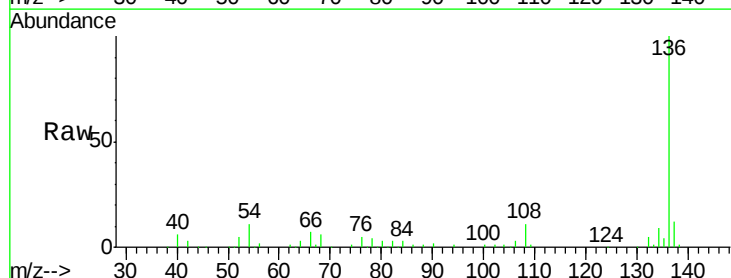
Ion Ratio Lower Upper

136 100

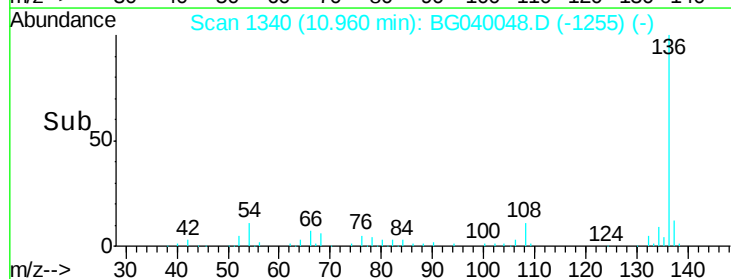
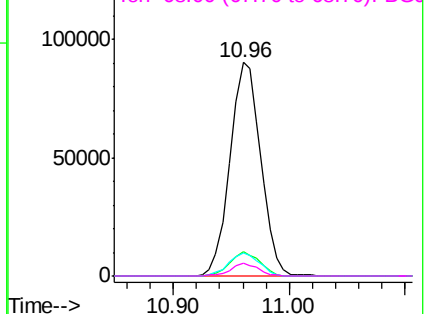
137 11.5 9.1 13.7

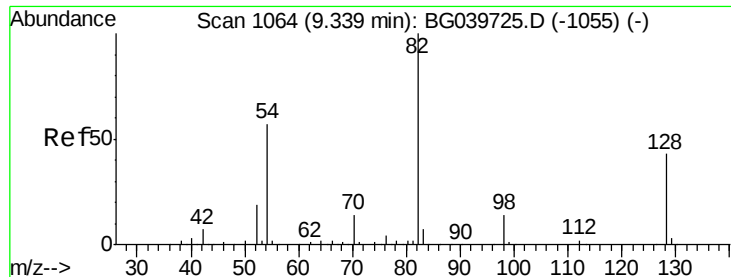
54 10.7 9.4 14.2

68 6.1 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

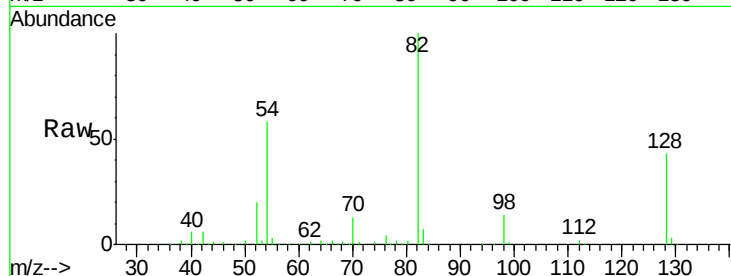




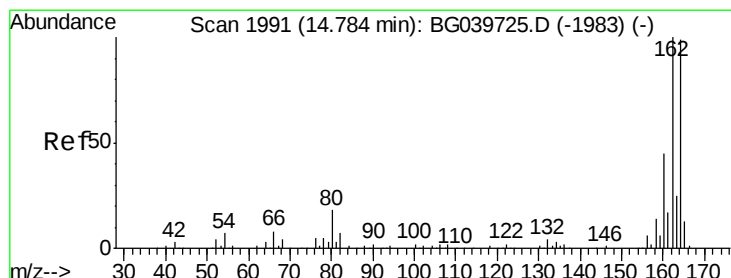
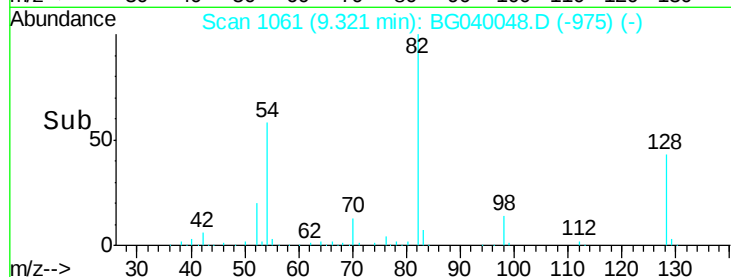
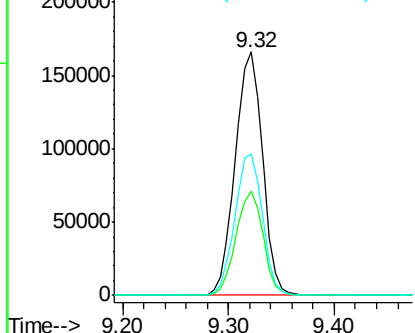
#23
Nitrobenzene-d5
Concen: 96.524 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040048.D
Acq: 20 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
SB-14(13-15)-031519

Tgt Ion: 82 Resp: 297247
Ion Ratio Lower Upper
82 100
128 42.5 31.3 46.9
54 58.0 50.9 76.3

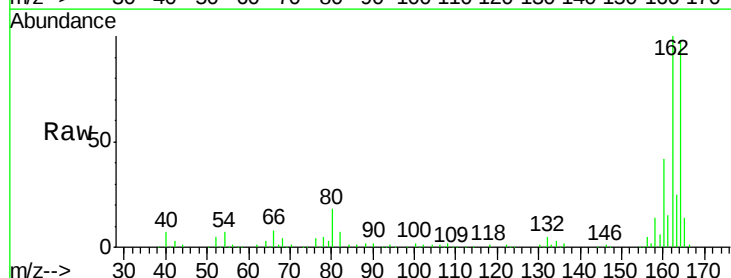


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

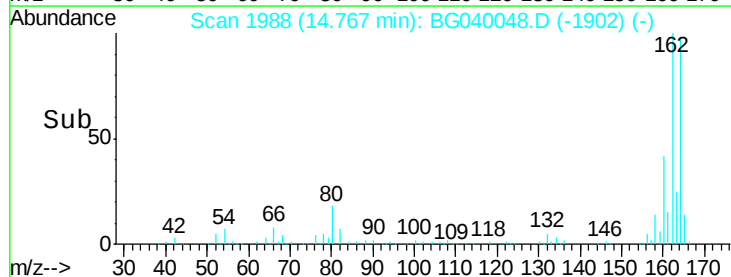
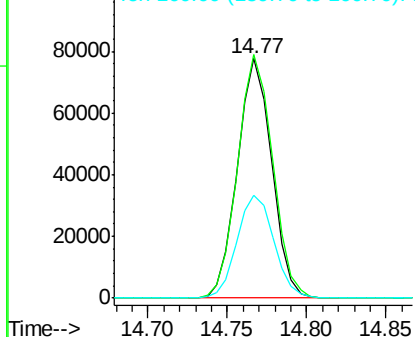


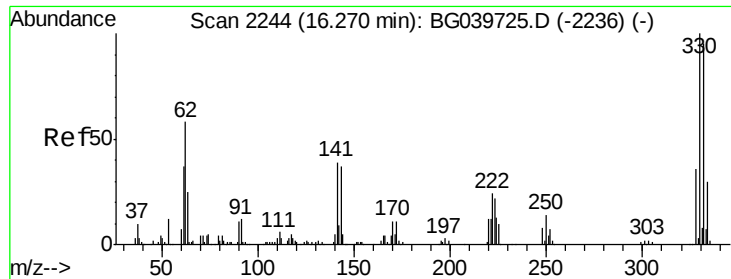
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040048.D
Acq: 20 Mar 2019 23:05

Tgt Ion: 164 Resp: 116536
Ion Ratio Lower Upper
164 100
162 101.8 81.6 122.4
160 42.9 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

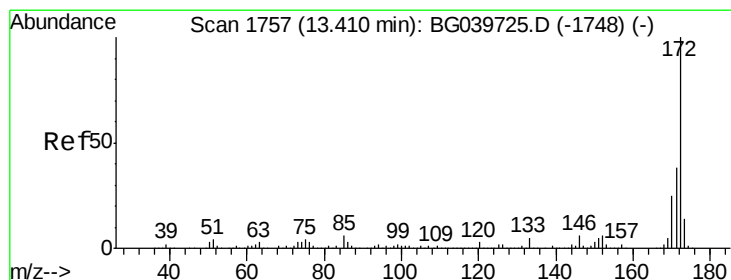
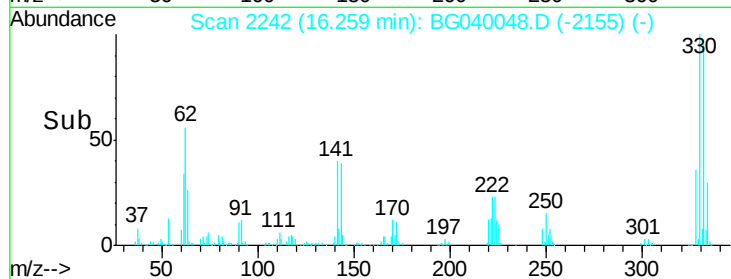
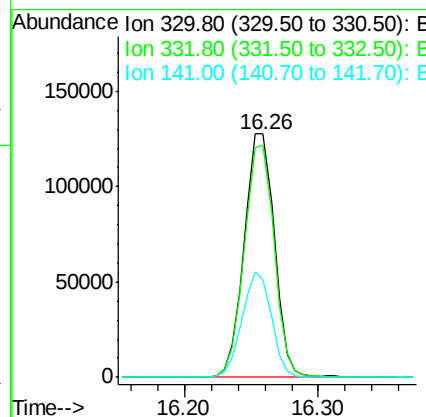
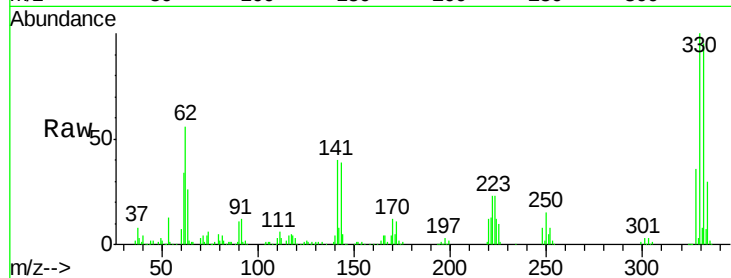




#42
 2,4,6-Tribromophenol
 Concen: 146.878 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040048.D
 Acq: 20 Mar 2019 23:05

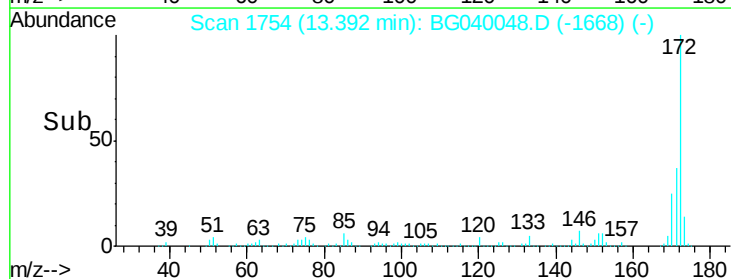
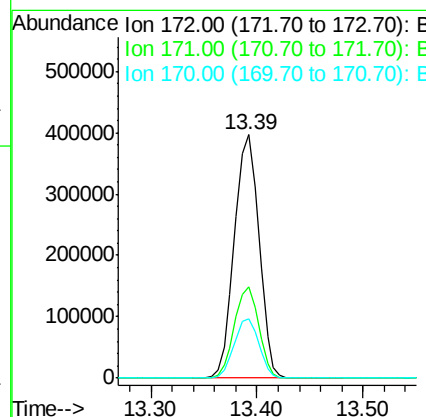
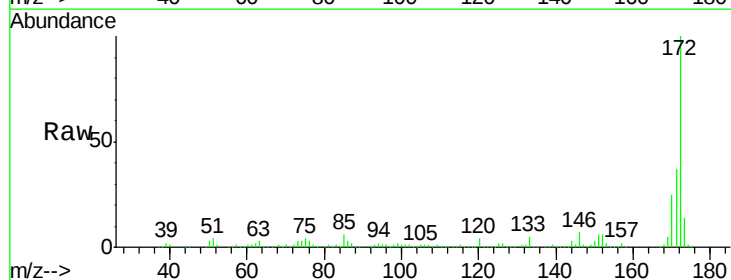
Instrument :
 BNA_G
 ClientSampleId :
 SB-14(13-15)-031519

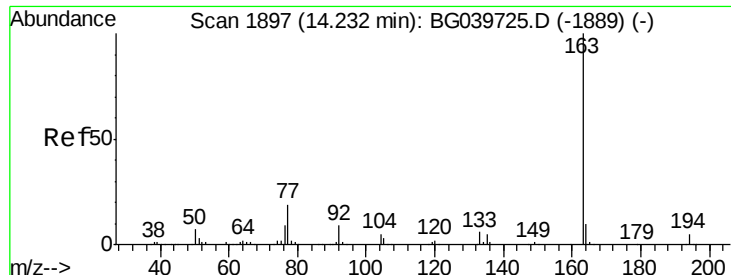
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.7	113.5
141	42.4	35.6	53.4



#45
 2-Fluorobiphenyl
 Concen: 78.022 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040048.D
 Acq: 20 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.6	20.2	30.4





#50

Dimethylphthalate

Concen: 7.394 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040048.D

Acq: 20 Mar 2019 23:05

Instrument :

BNA_G

ClientSampleId :

SB-14(13-15)-031519

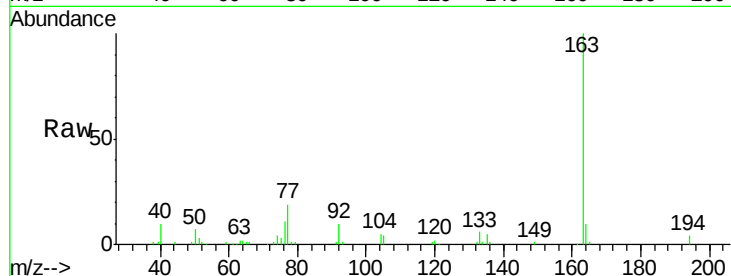
Tgt Ion:163 Resp: 72051

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

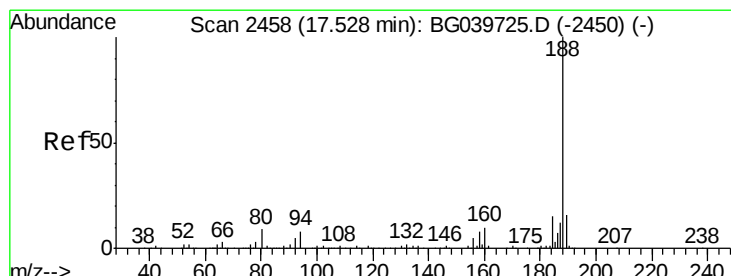
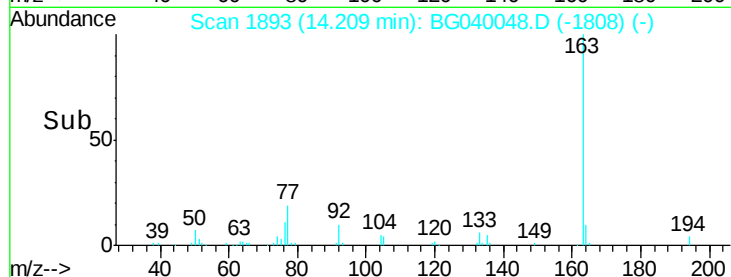
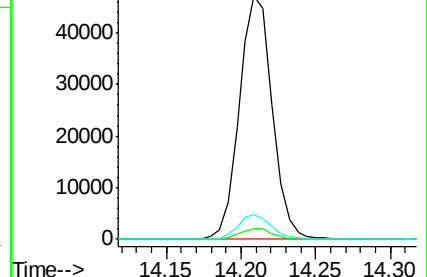
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040048.D

Acq: 20 Mar 2019 23:05

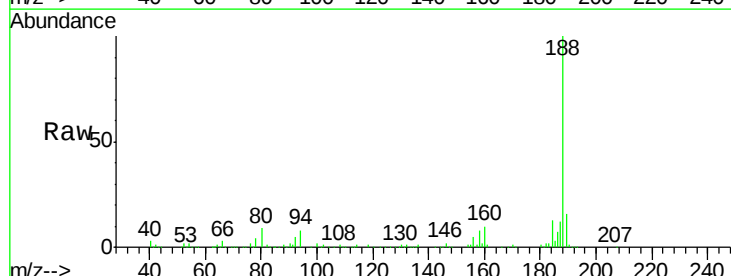
Tgt Ion:188 Resp: 276269

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

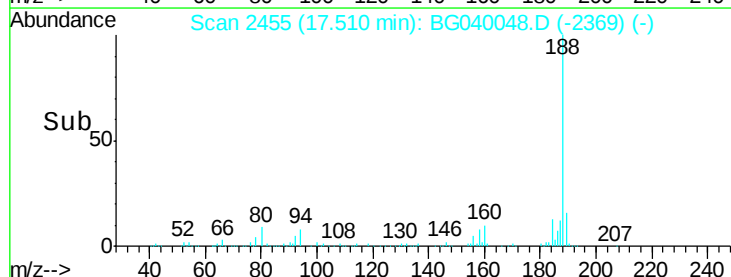
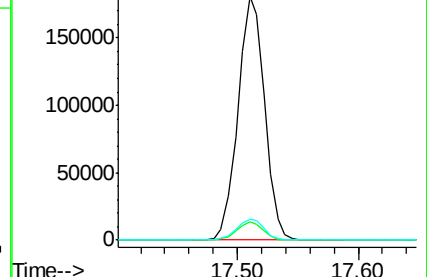
80 8.6 8.1 12.1

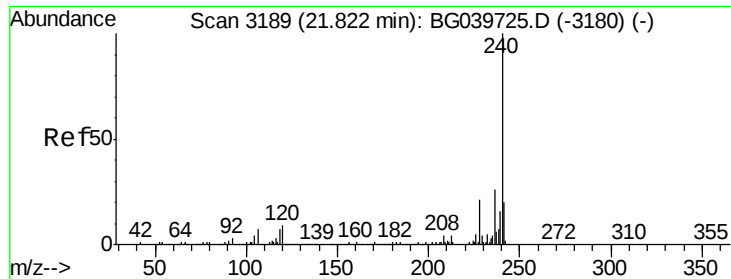


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

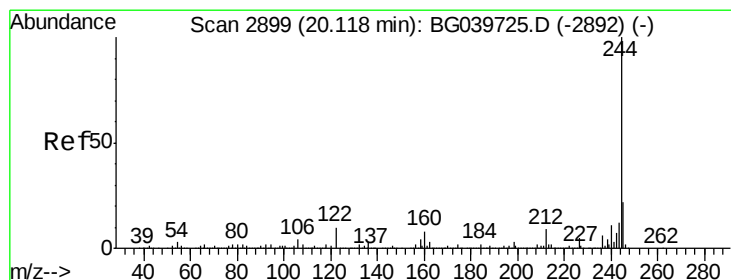
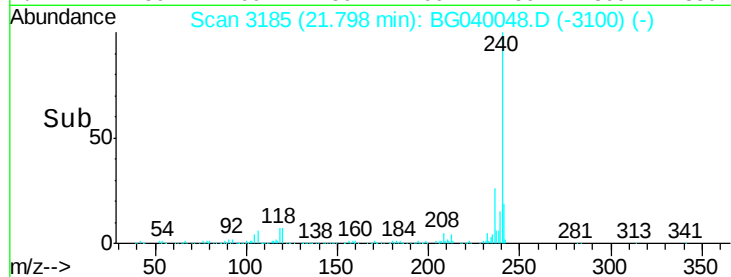
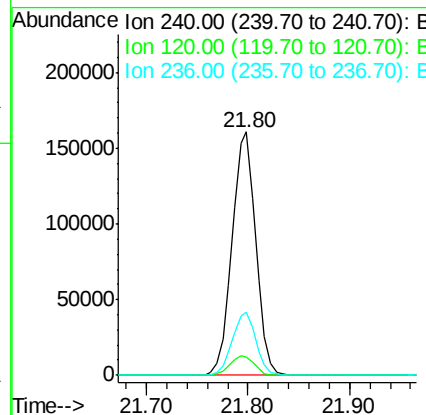
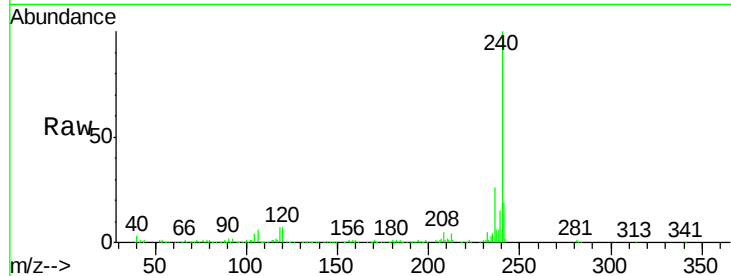




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040048.D
Acq: 20 Mar 2019 23:05

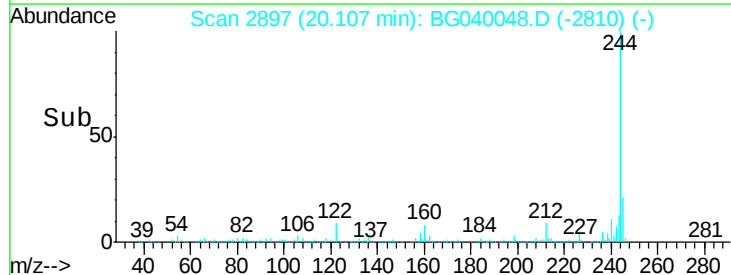
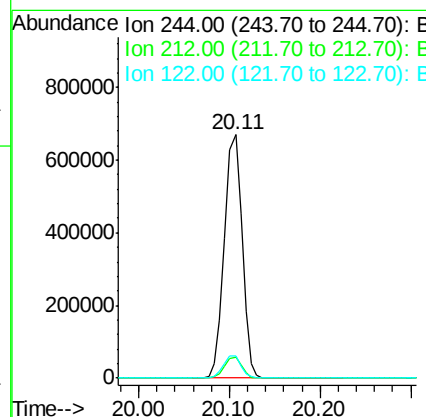
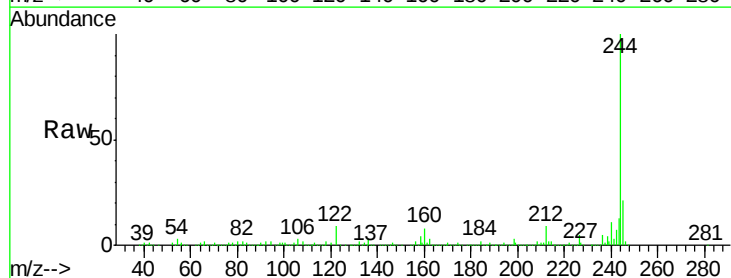
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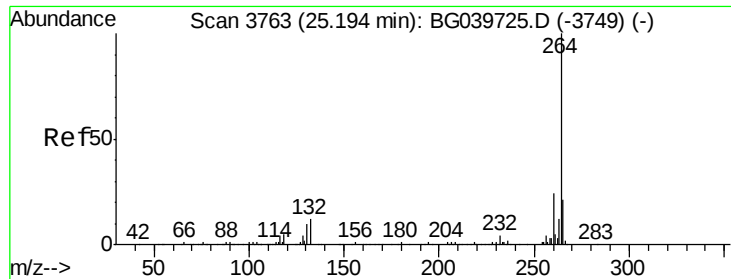
Tgt Ion:240 Resp: 260002
Ion Ratio Lower Upper
240 100
120 7.5 7.0 10.6
236 25.8 21.0 31.4



#79
Terphenyl-d14
Concen: 77.100 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040048.D
Acq: 20 Mar 2019 23:05

Tgt Ion:244 Resp: 910445
Ion Ratio Lower Upper
244 100
212 8.7 7.3 10.9
122 9.1 8.4 12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040048.D
Acq: 20 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
SB-14(13-15)-031519

Tgt Ion: 264 Resp: 265523

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	20.6	18.5	27.7

