

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040085.D
 Acq On : 22 Mar 2019 16:14
 Operator : JU/SJ
 Sample : K2040-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4B(22-28)

Quant Time: Mar 23 02:20:20 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

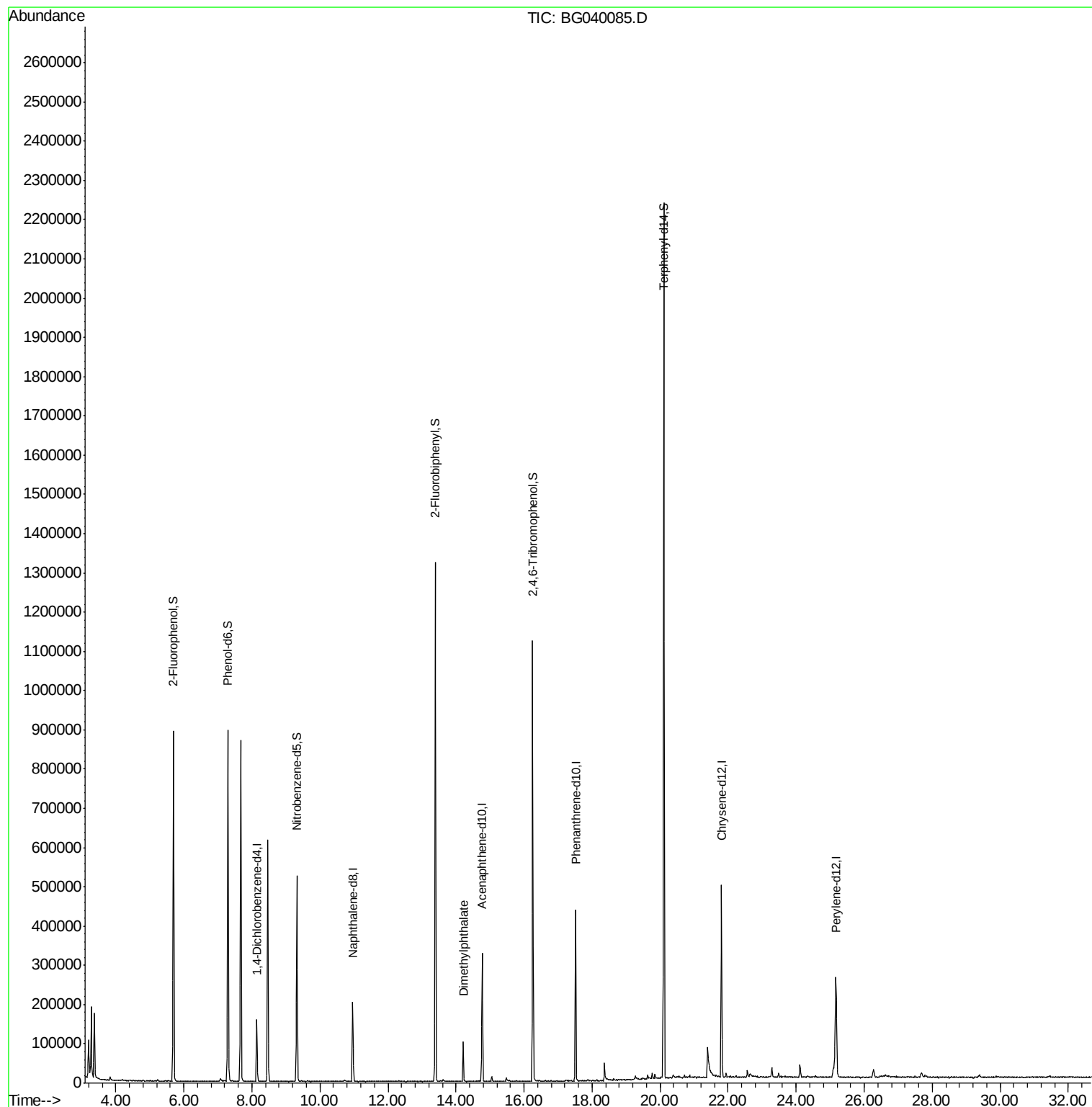
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43645	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	175853	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	113680	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	275444	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	295377	20.00	ng	-0.02
87) Perylene-d12	25.17	264	298490	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	371286	145.13	ng	-0.02
7) Phenol-d6	7.30	99	520183	136.37	ng	-0.02
23) Nitrobenzene-d5	9.32	82	309778	95.27	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	200735	151.50	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	694476	86.98	ng	-0.02
79) Terphenyl-d14	20.11	244	1052575	78.46	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	70211	7.386	ng	Qvalue 98

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

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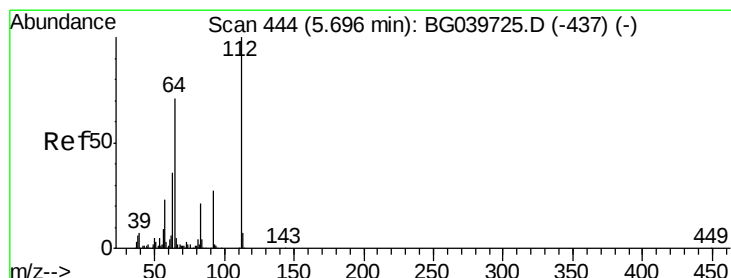
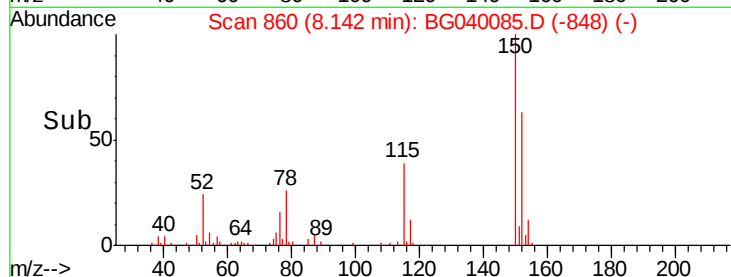
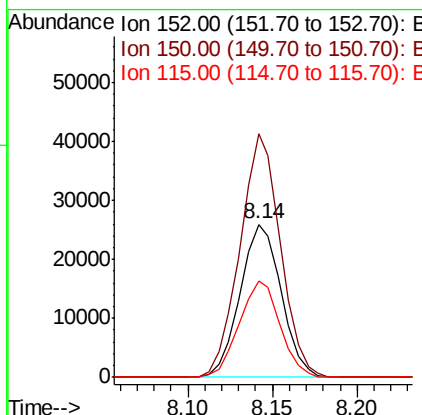
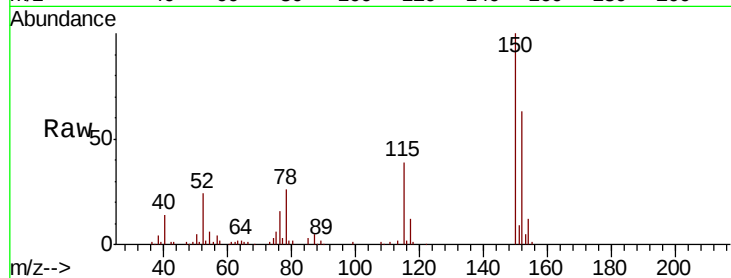


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

Instrument :
BNA_G
ClientSampleId :
S4B(22-28)

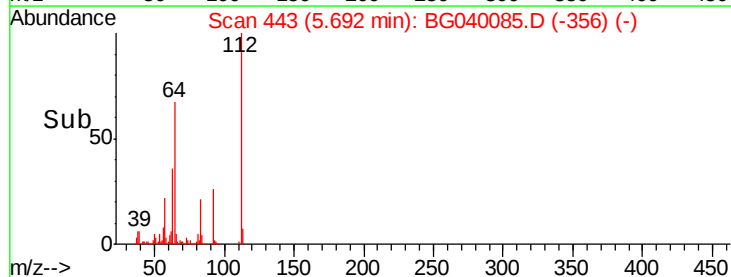
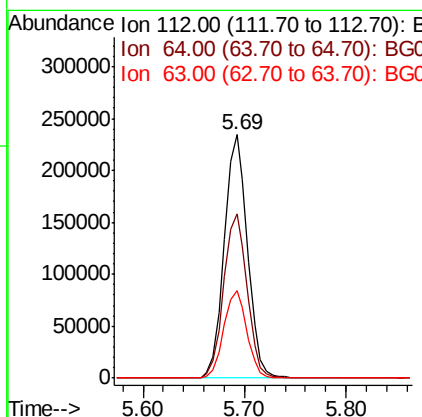
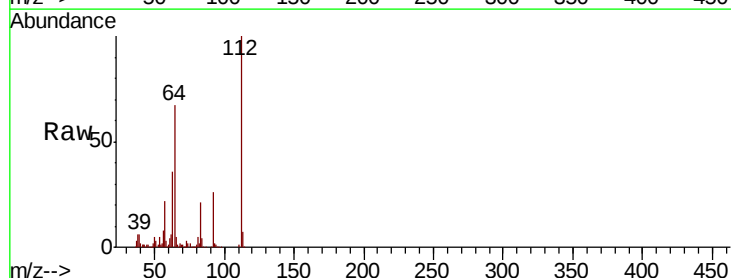
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.7	185.5
115	62.7	45.9	68.9



#5

2-Fluorophenol
Concen: 145.129 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	57.8	86.8
63	35.9	29.8	44.6





#7

Phenol-d6

Concen: 136.367 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

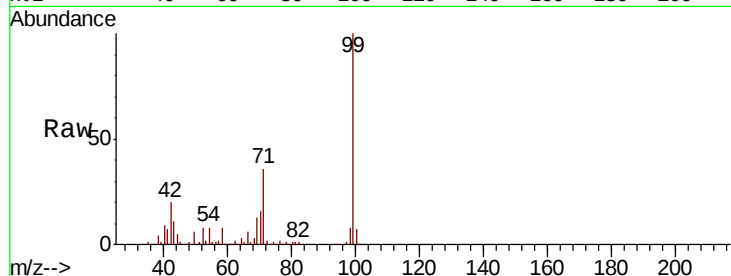
Tot Ion: 99 Resp: 520183

Ion Ratio Lower Upper

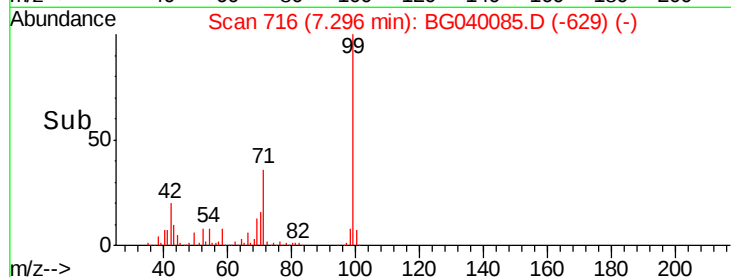
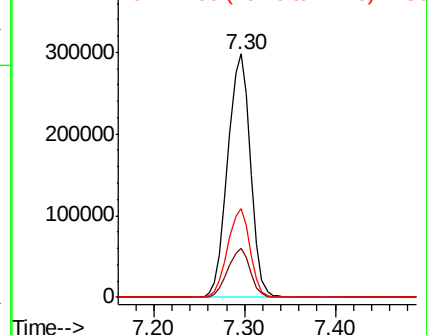
99 100

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: BG040085.D

Acq: 22 Mar 2019 16:14

Tgt Ion: 136 Resp: 175853

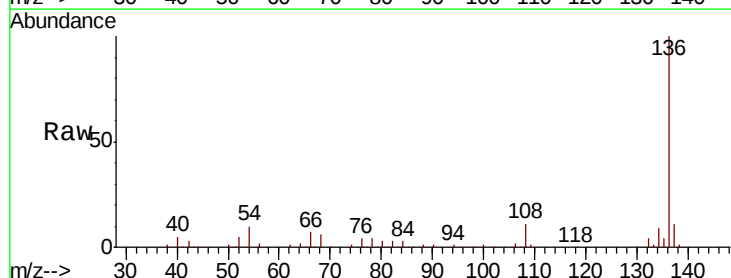
Ion Ratio Lower Upper

136 100

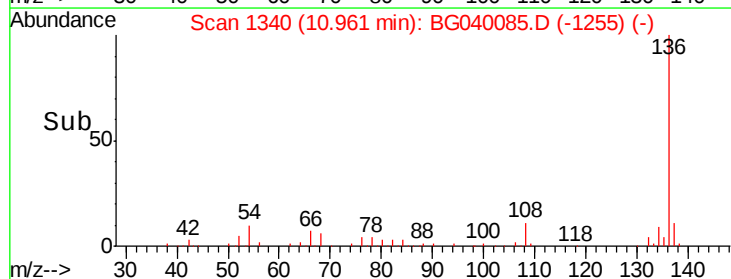
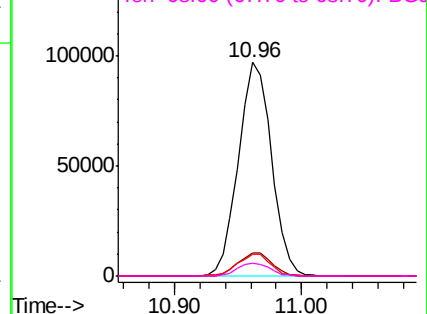
137 10.9 9.1 13.7

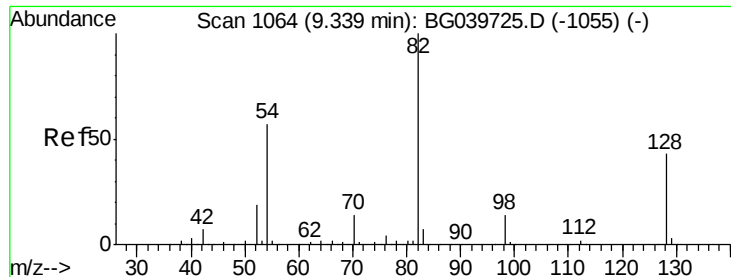
54 10.3 9.4 14.2

68 6.2 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

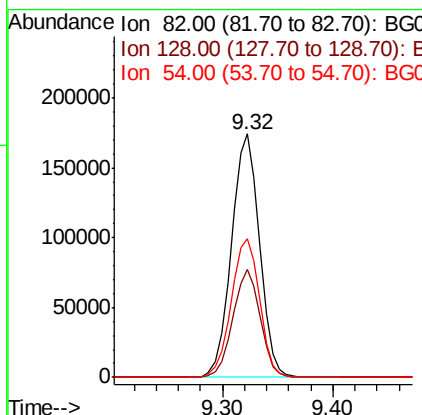
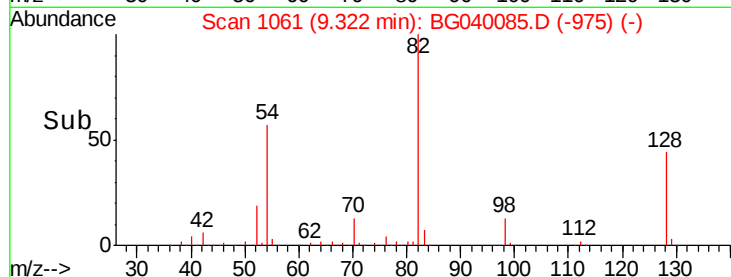
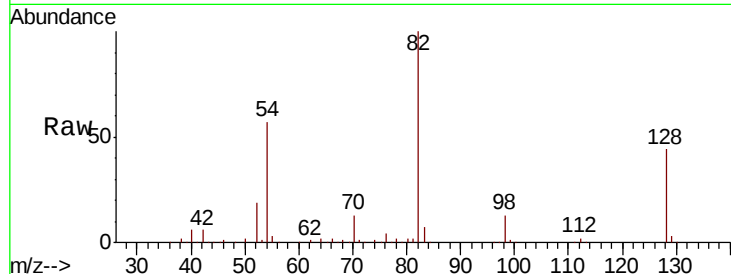




#23
 Nitrobenzene-d5
 Concen: 95.273 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040085.D
 Acq: 22 Mar 2019 16:14

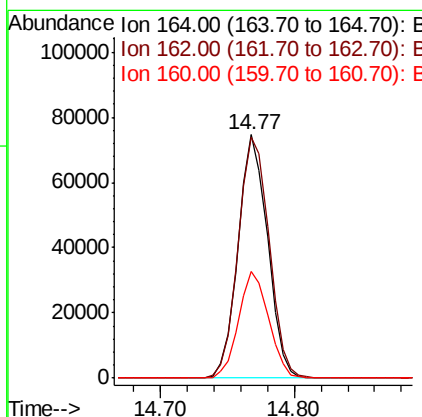
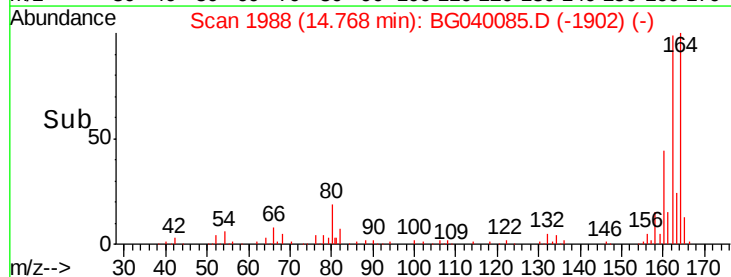
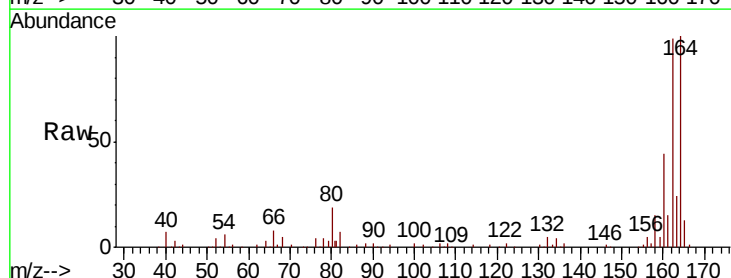
Instrument :
 BNA_G
 ClientSampleId :
 S4B(22-28)

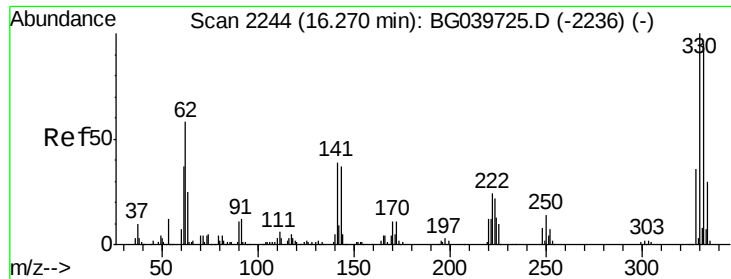
Tot Ion: 82 Resp: 309778
 Ion Ratio Lower Upper
 82 100
 128 44.3 31.3 46.9
 54 57.2 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040085.D
 Acq: 22 Mar 2019 16:14

Tgt Ion: 164 Resp: 113680
 Ion Ratio Lower Upper
 164 100
 162 99.3 81.6 122.4
 160 43.7 34.2 51.2

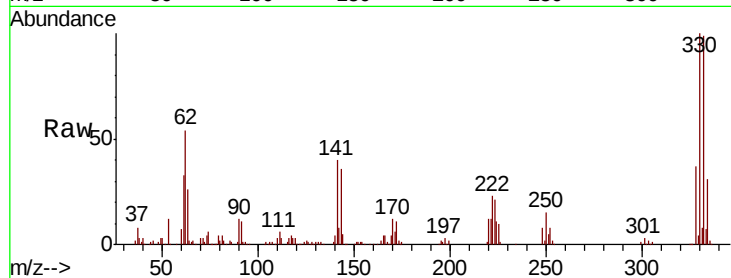




#42
 2,4,6-Tribromophenol
 Concen: 151.495 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040085.D
 Acq: 22 Mar 2019 16:14

Instrument :
 BNA_G
 ClientSampleId :
 S4B(22-28)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.7	113.5
141	40.8	35.6	53.4

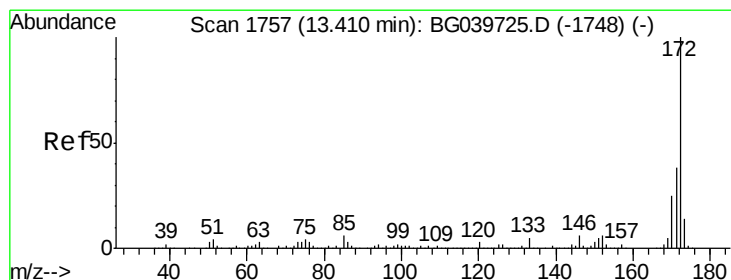
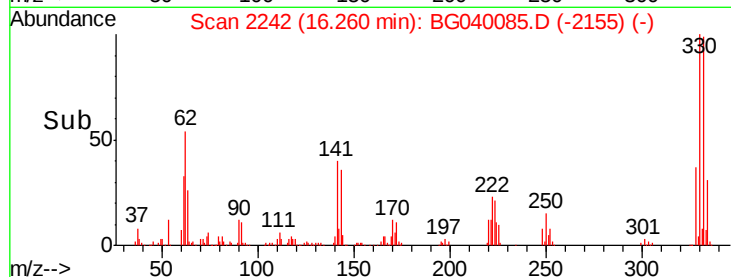
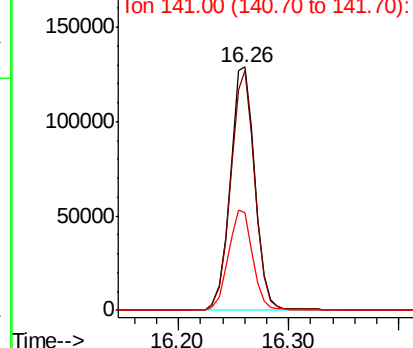


Abundance

Ion 329.80 (329.50 to 330.50): E

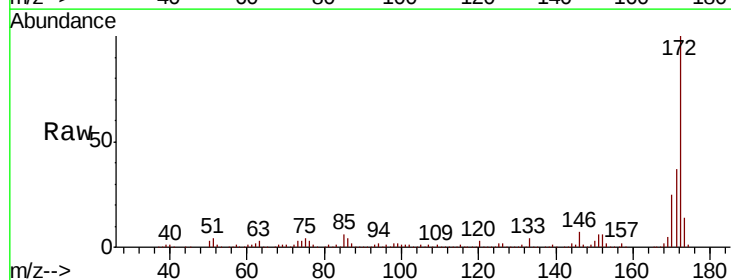
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.982 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040085.D
 Acq: 22 Mar 2019 16:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	24.6	20.2	30.4

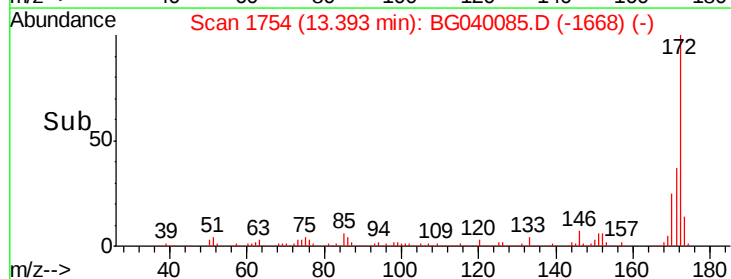
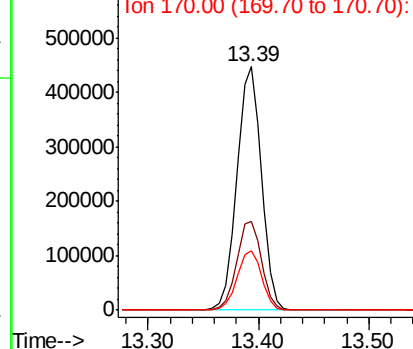


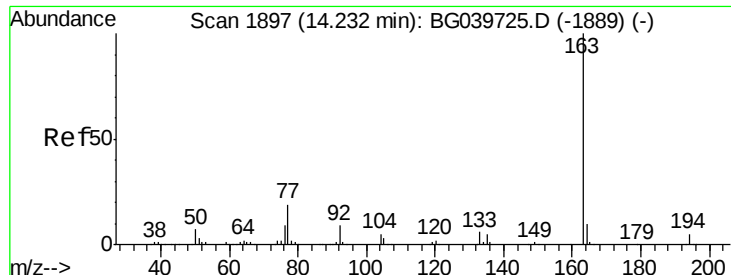
Abundance

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





#50

Dimethylphthalate

Concen: 7.386 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

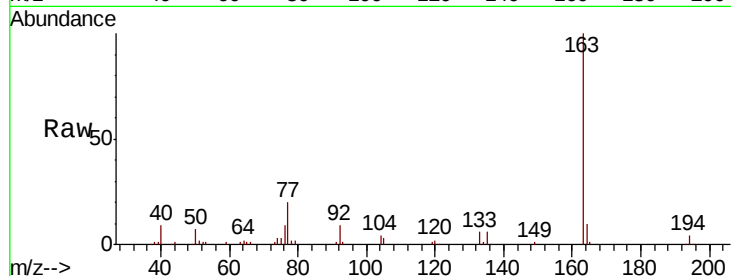
Tot Ion:163 Resp: 70211

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

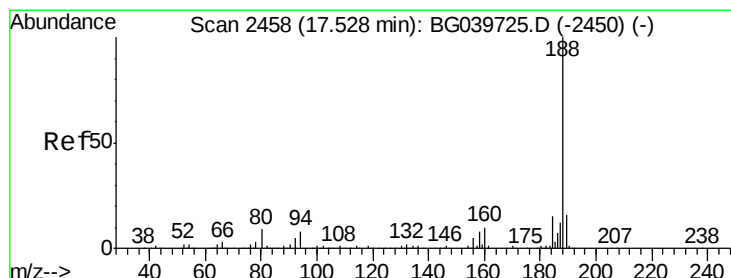
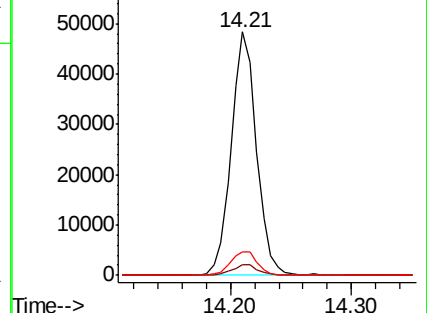
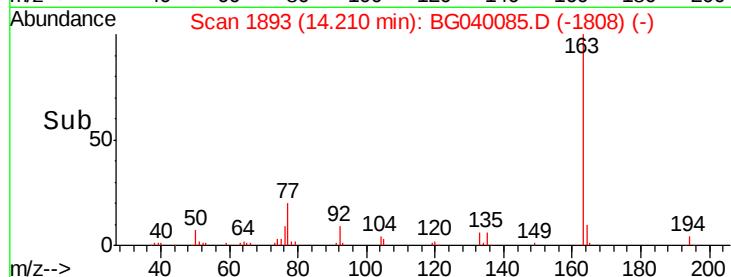
164 9.5 8.4 12.6



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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

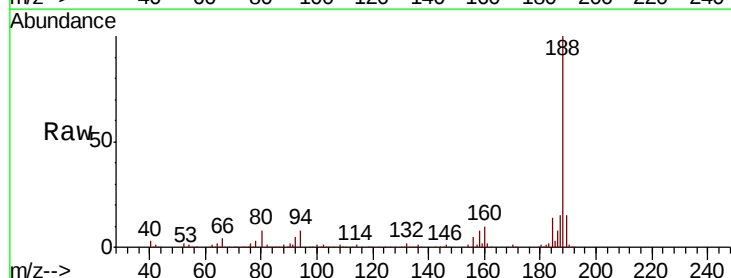
Tgt Ion:188 Resp: 275444

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

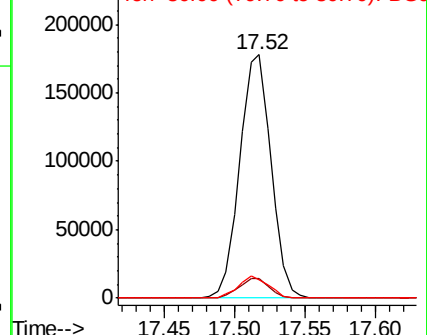
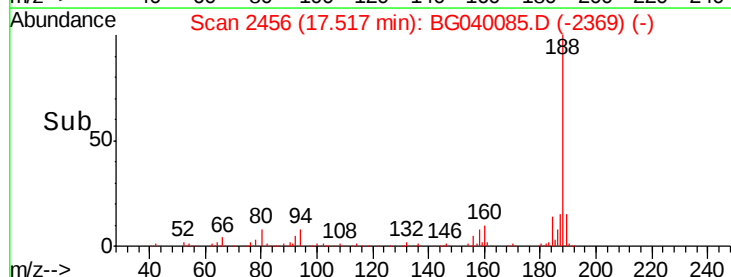
80 7.7 8.1 12.1#

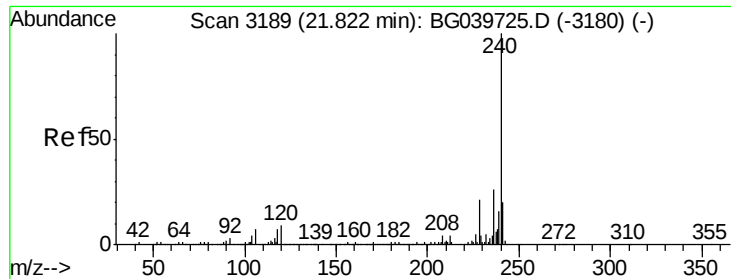


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

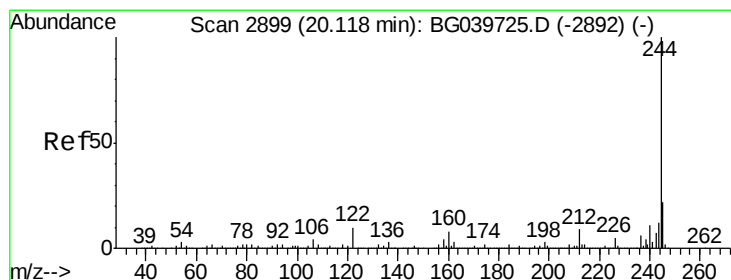
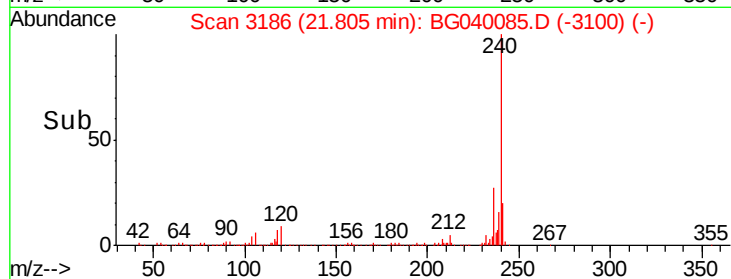
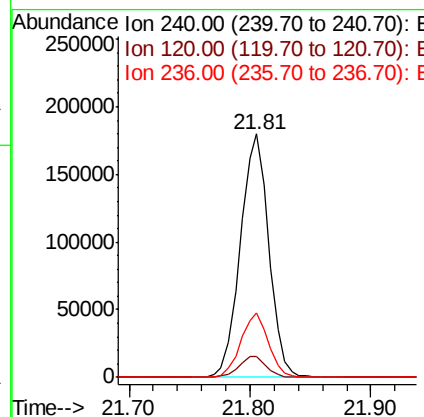
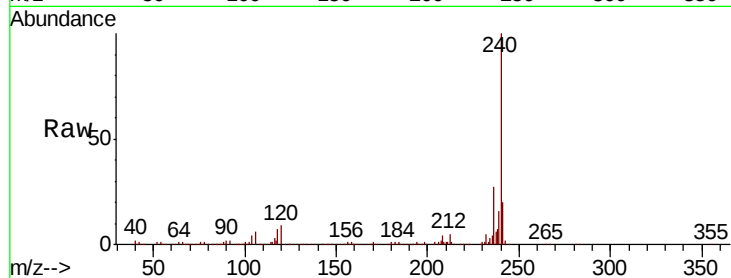




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

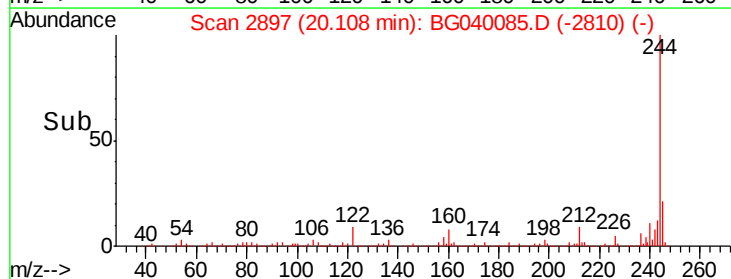
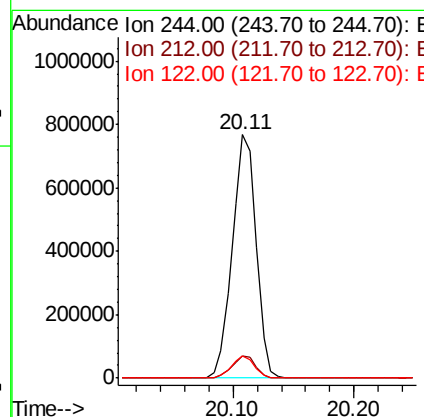
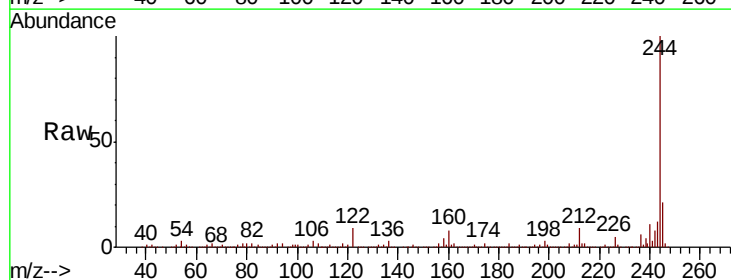
Instrument :
BNA_G
ClientSampleId :
S4B(22-28)

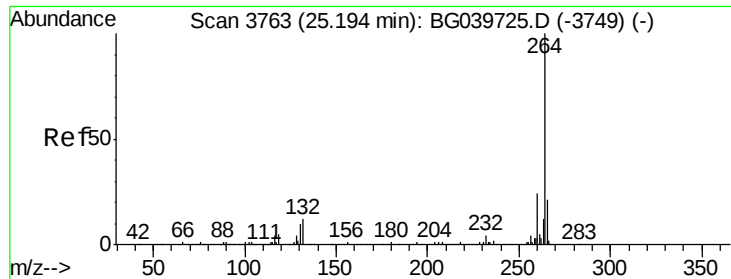
Tot Ion:240 Resp: 295377
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 26.5 21.0 31.4



#79
Terphenyl-d14
Concen: 78.461 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

Tgt Ion:244 Resp: 1052575
Ion Ratio Lower Upper
244 100
212 9.0 7.3 10.9
122 9.2 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

Instrument :
BNA_G
ClientSampleId :
S4B(22-28)

Tot Ion: 264 Resp: 298490
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.4
265 21.4 18.5 27.7

