

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040009.D
 Acq On : 19 Mar 2019 19:18
 Operator : JU/SJ
 Sample : K1958-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Mar 20 04:35:29 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

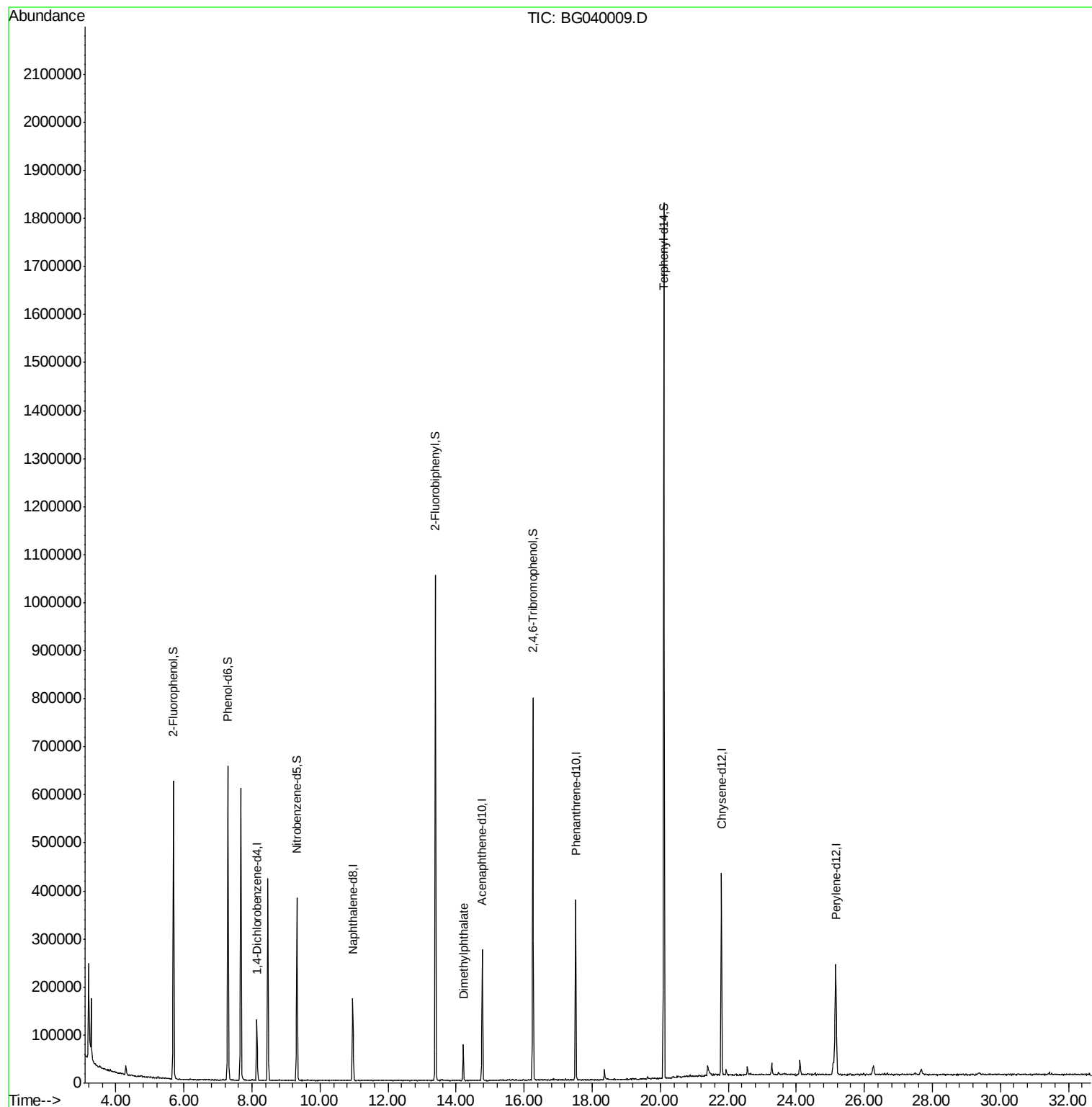
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	34805	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	147277	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	96423	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	229915	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	258139	20.00	ng	-0.03
87) Perylene-d12	25.16	264	262114	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	250179	122.63	ng	-0.02
7) Phenol-d6	7.29	99	365609	120.19	ng	-0.02
23) Nitrobenzene-d5	9.32	82	226886	83.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	132491	117.89	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	526205	77.70	ng	-0.02
79) Terphenyl-d14	20.11	244	865886	73.86	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	50767	6.296	ng	Qvalue 99

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

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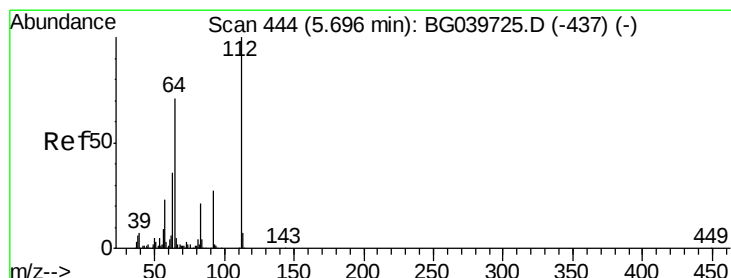
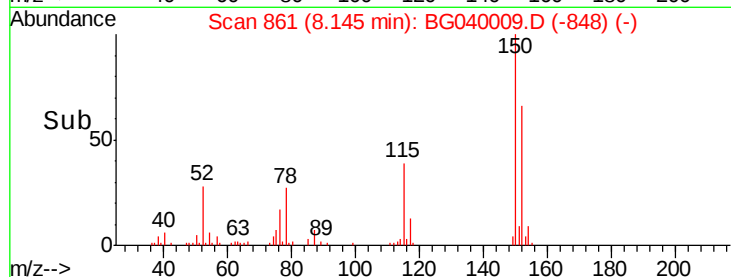
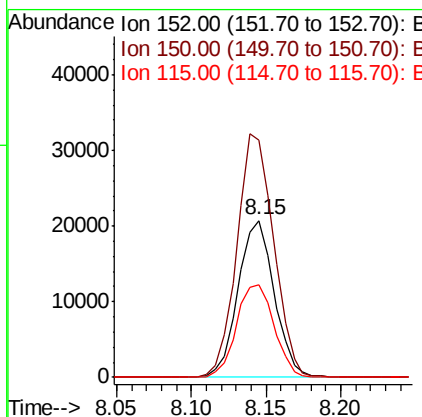
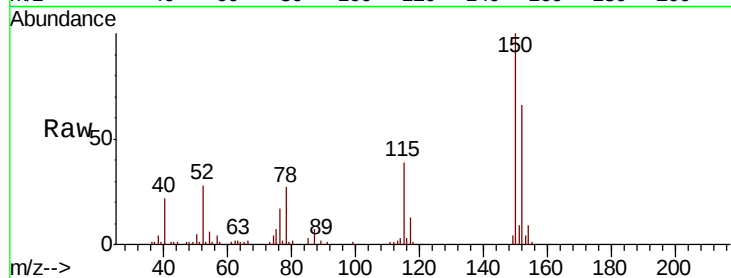


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Instrument :
BNA_G
ClientSampled :
TP-3

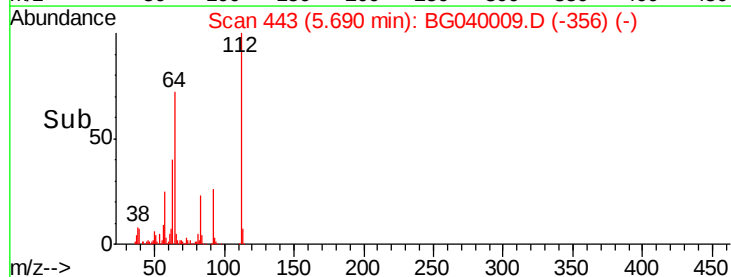
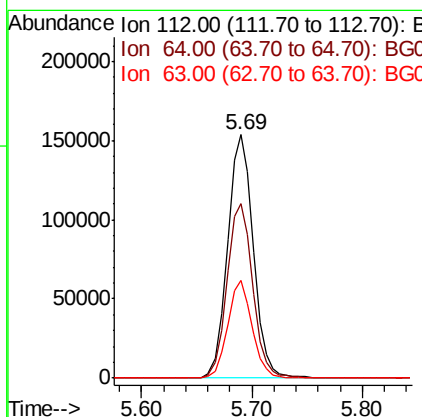
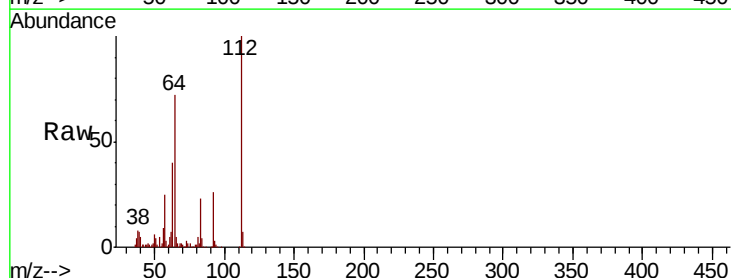
Tot Ion:152 Resp: 34805
Ion Ratio Lower Upper
152 100
150 150.9 123.7 185.5
115 58.6 45.9 68.9



#5

2-Fluorophenol
Concen: 122.628 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Tgt Ion:112 Resp: 250179
Ion Ratio Lower Upper
112 100
64 71.9 57.8 86.8
63 40.3 29.8 44.6





#7

Phenol-d6

Concen: 120.188 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

Instrument :

BNA_G

ClientSampled :

TP-3

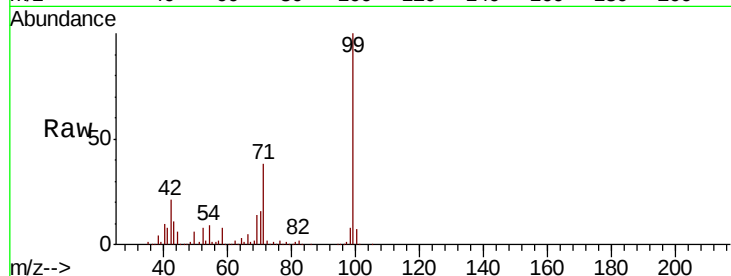
Tot Ion: 99 Resp: 365609

Ion Ratio Lower Upper

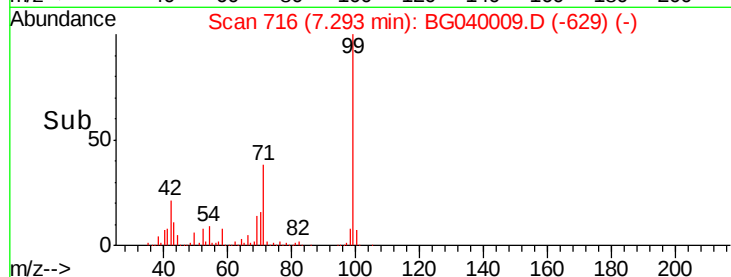
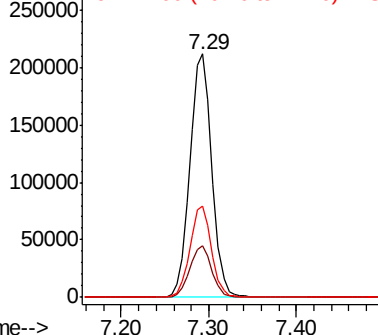
99 100

42 21.5 18.2 27.2

71 37.6 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: BG040009.D

Acq: 19 Mar 2019 19:18

Tgt Ion: 136 Resp: 147277

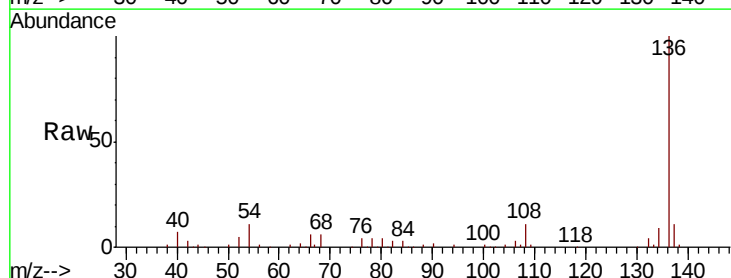
Ion Ratio Lower Upper

136 100

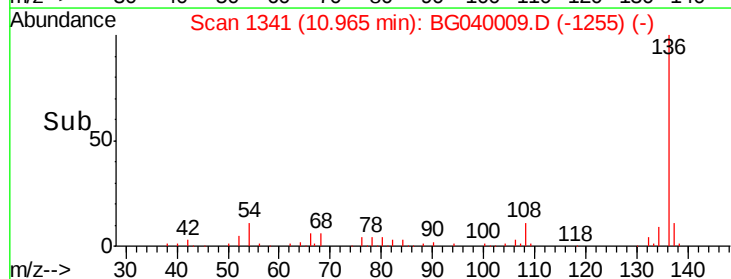
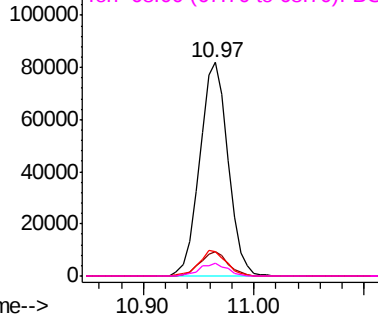
137 11.1 9.1 13.7

54 11.4 9.4 14.2

68 5.7 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

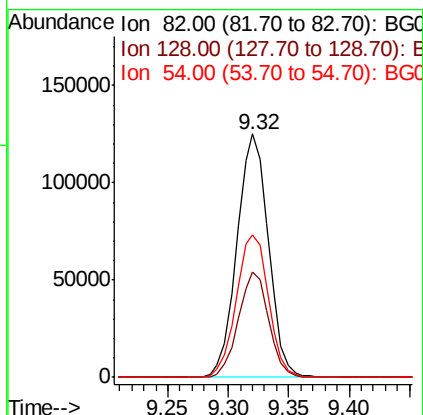
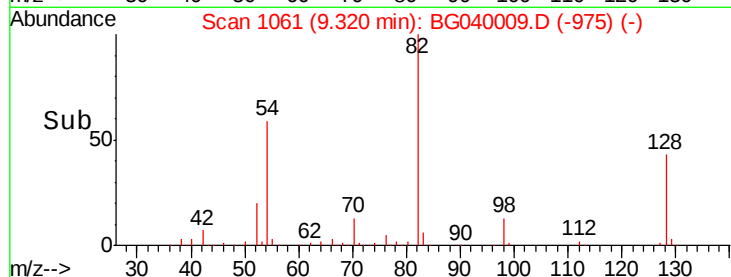
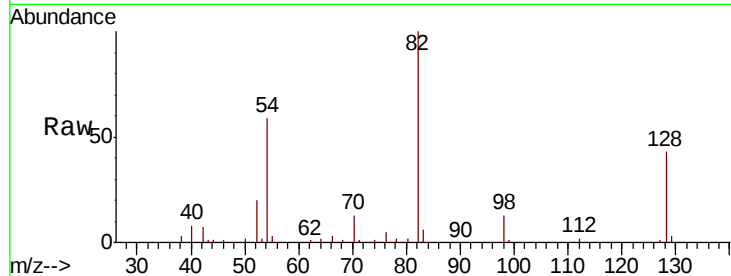




#23
Nitrobenzene-d5
Concen: 83.319 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

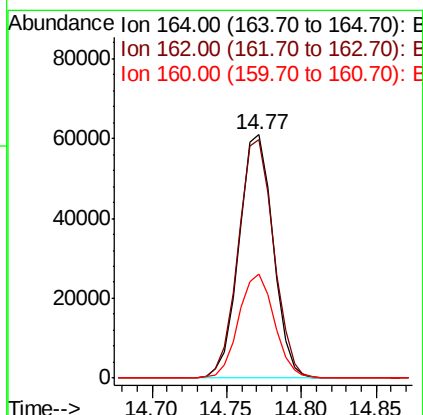
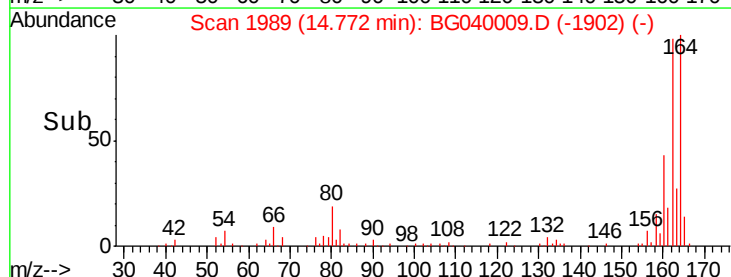
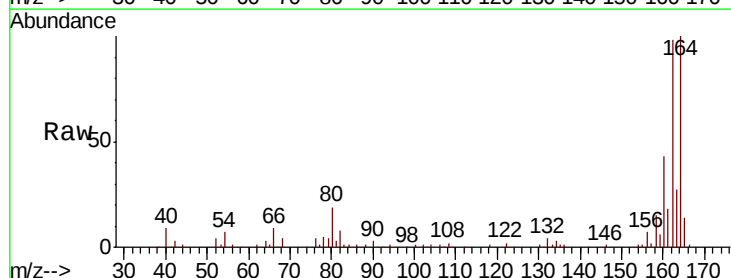
Instrument :
BNA_G
ClientSampleId :
TP-3

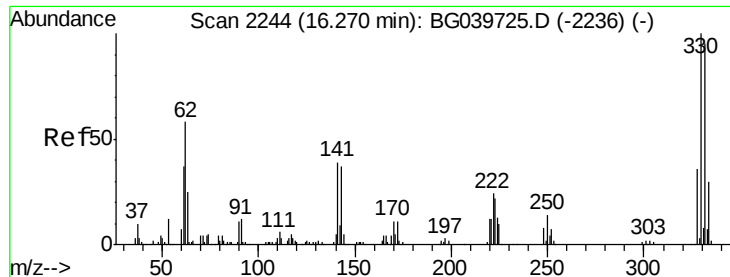
Tot Ion: 82 Resp: 226886
Ion Ratio Lower Upper
82 100
128 43.1 31.3 46.9
54 58.5 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Tgt Ion:164 Resp: 96423
Ion Ratio Lower Upper
164 100
162 97.9 81.6 122.4
160 42.6 34.2 51.2

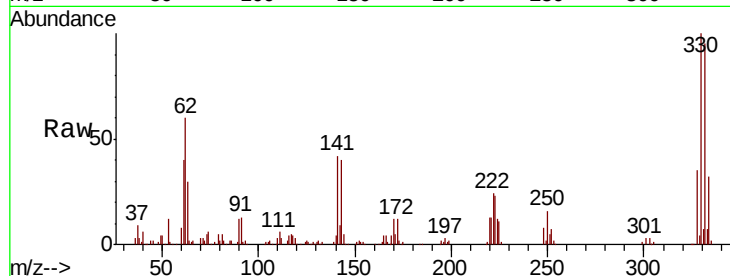




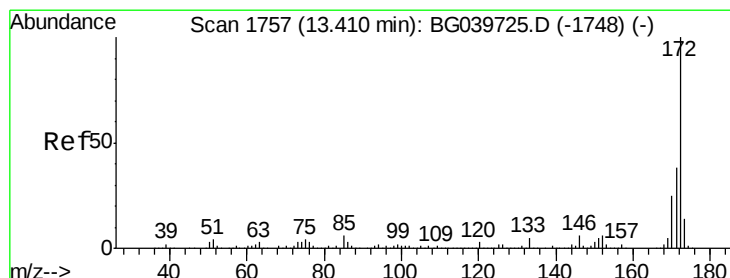
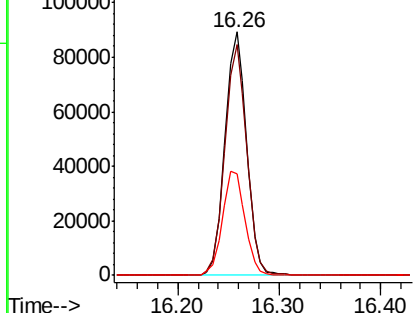
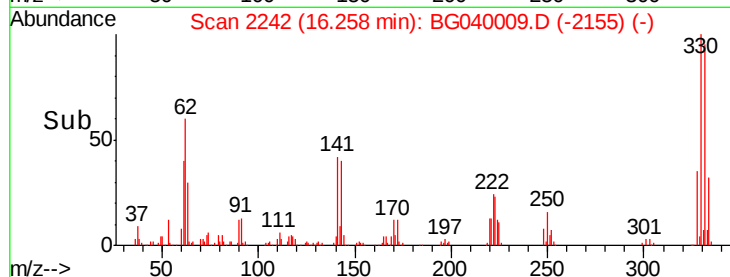
#42
 2,4,6-Tribromophenol
 Concen: 117.887 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion:330 Resp: 132491
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.7 113.5
 141 44.3 35.6 53.4

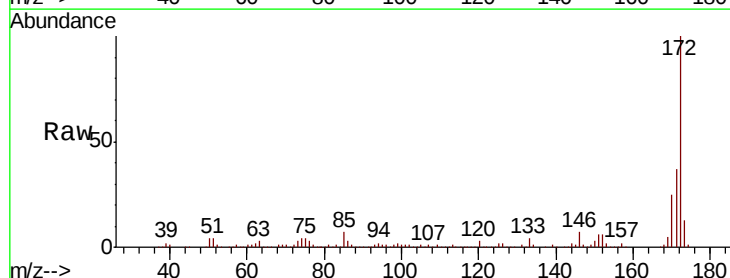


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

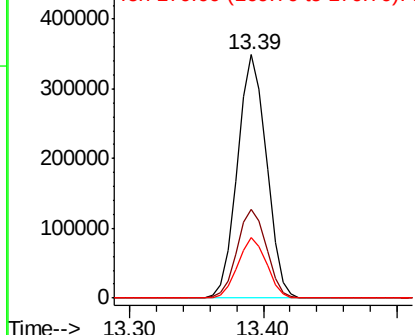
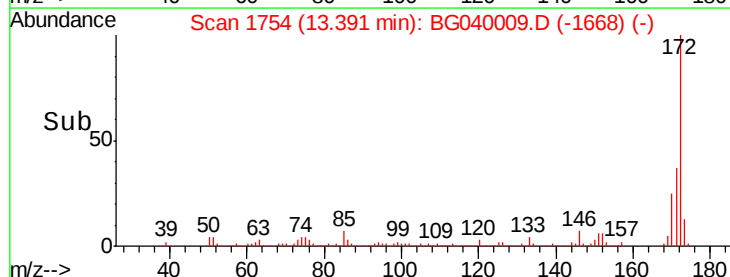


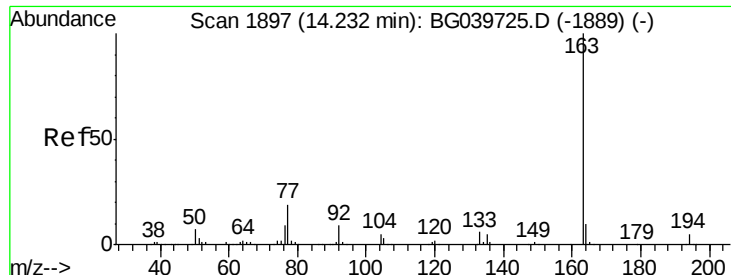
#45
 2-Fluorobiphenyl
 Concen: 77.702 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

Tgt Ion:172 Resp: 526205
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.8 46.2
 170 24.9 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: 6.296 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

Instrument :

BNA_G

ClientSampleId :

TP-3

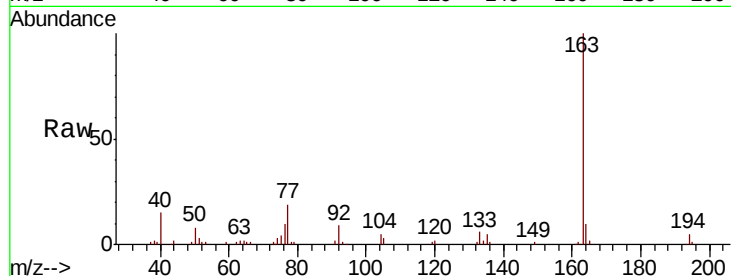
Tot Ion:163 Resp: 50767

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

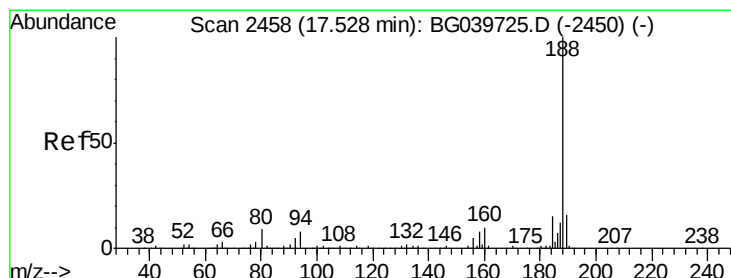
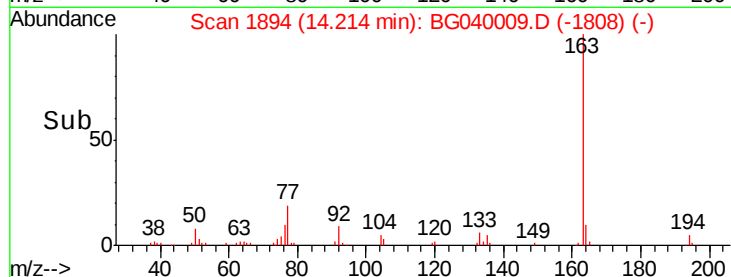
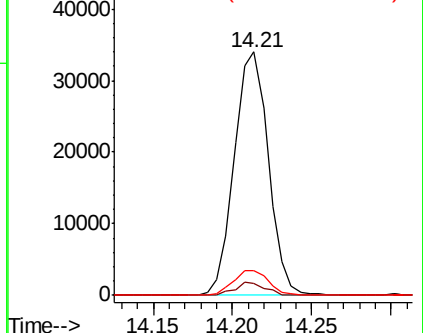
164 9.9 8.4 12.6



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# 2456

Delta R.T. -0.02 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

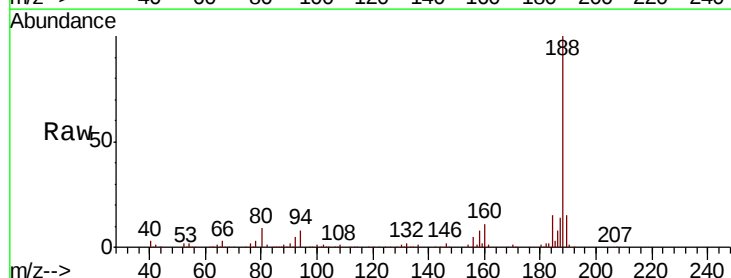
Tgt Ion:188 Resp: 229915

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

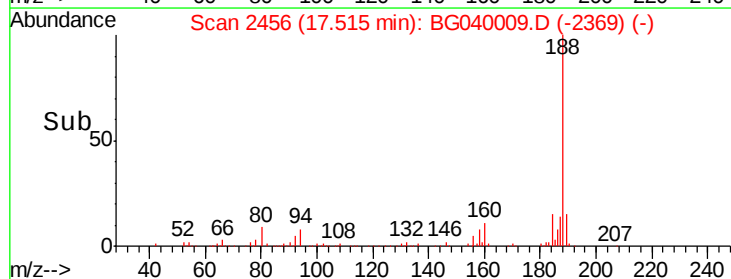
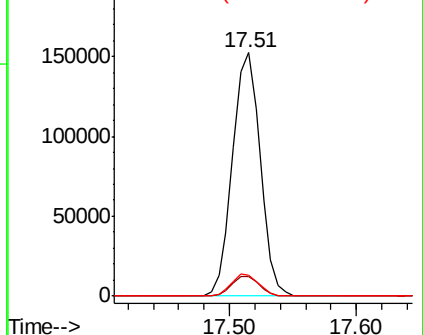
80 8.6 8.1 12.1

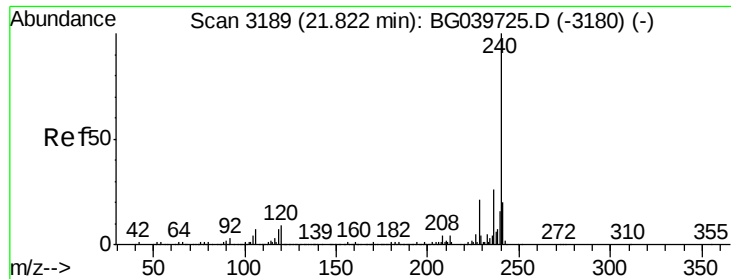


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

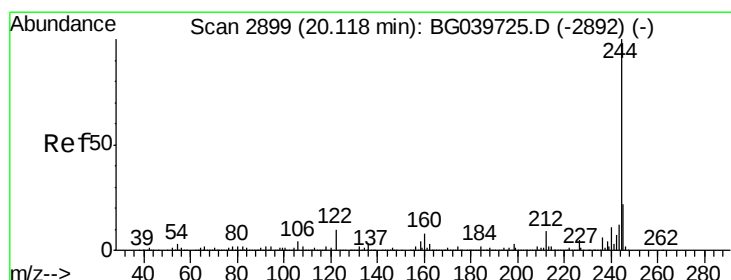
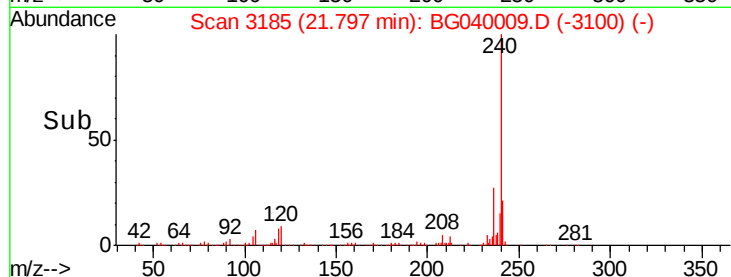
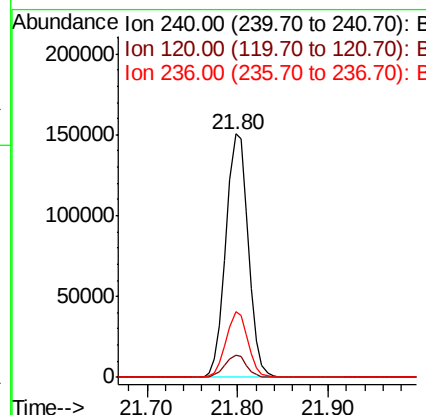
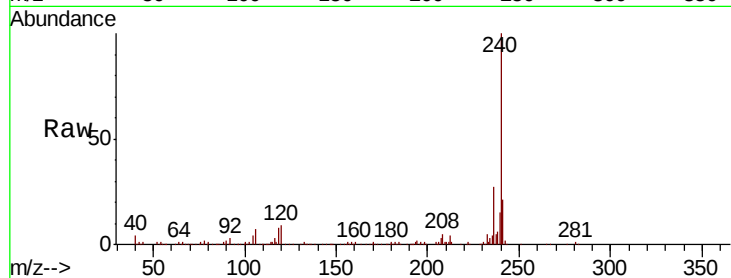




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

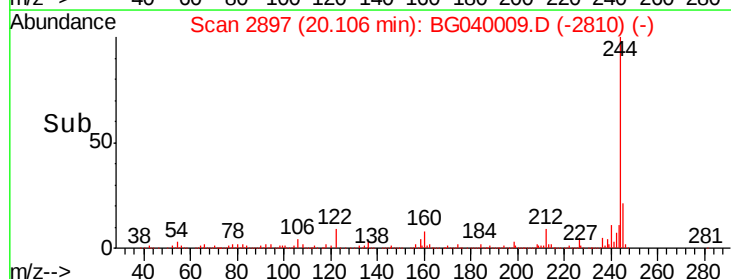
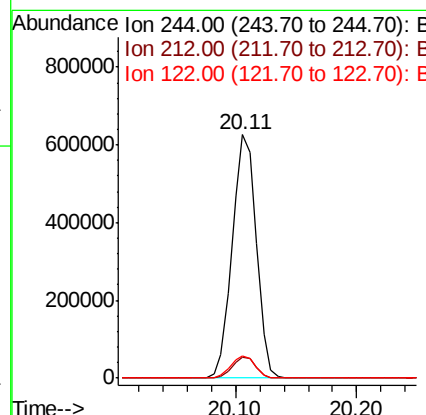
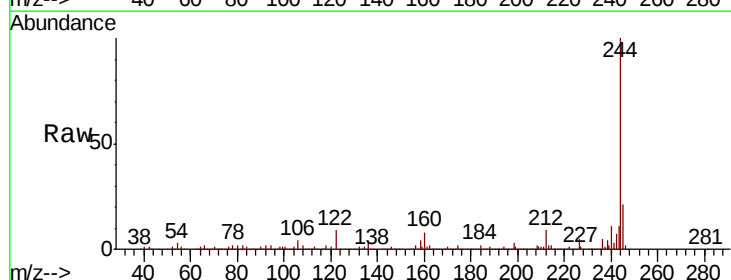
Instrument :
BNA_G
ClientSampleId :
TP-3

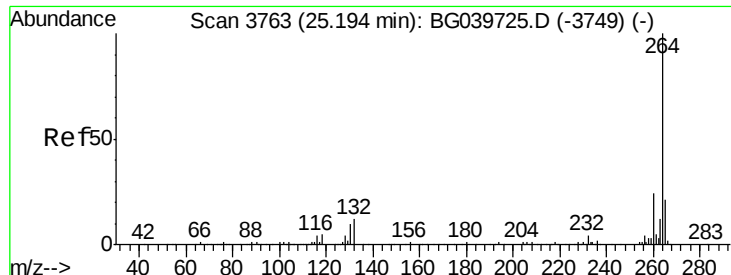
Tot Ion:240 Resp: 258139
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 27.1 21.0 31.4



#79
Terphenyl-d14
Concen: 73.856 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Tgt Ion:244 Resp: 865886
Ion Ratio Lower Upper
244 100
212 8.8 7.3 10.9
122 9.3 8.4 12.6

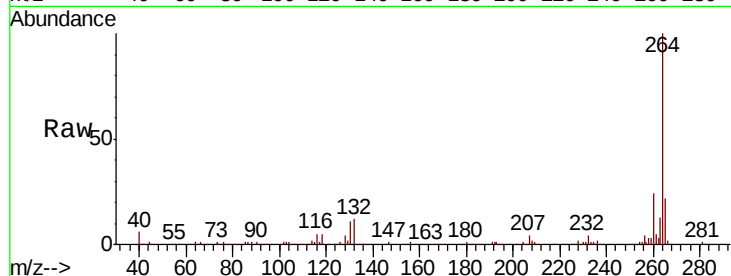




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.7	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

