

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044821.D
 Acq On : 16 Mar 2020 20:17
 Operator : CG/JU
 Sample : L1912-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z3-S1

Quant Time: Mar 17 04:26:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

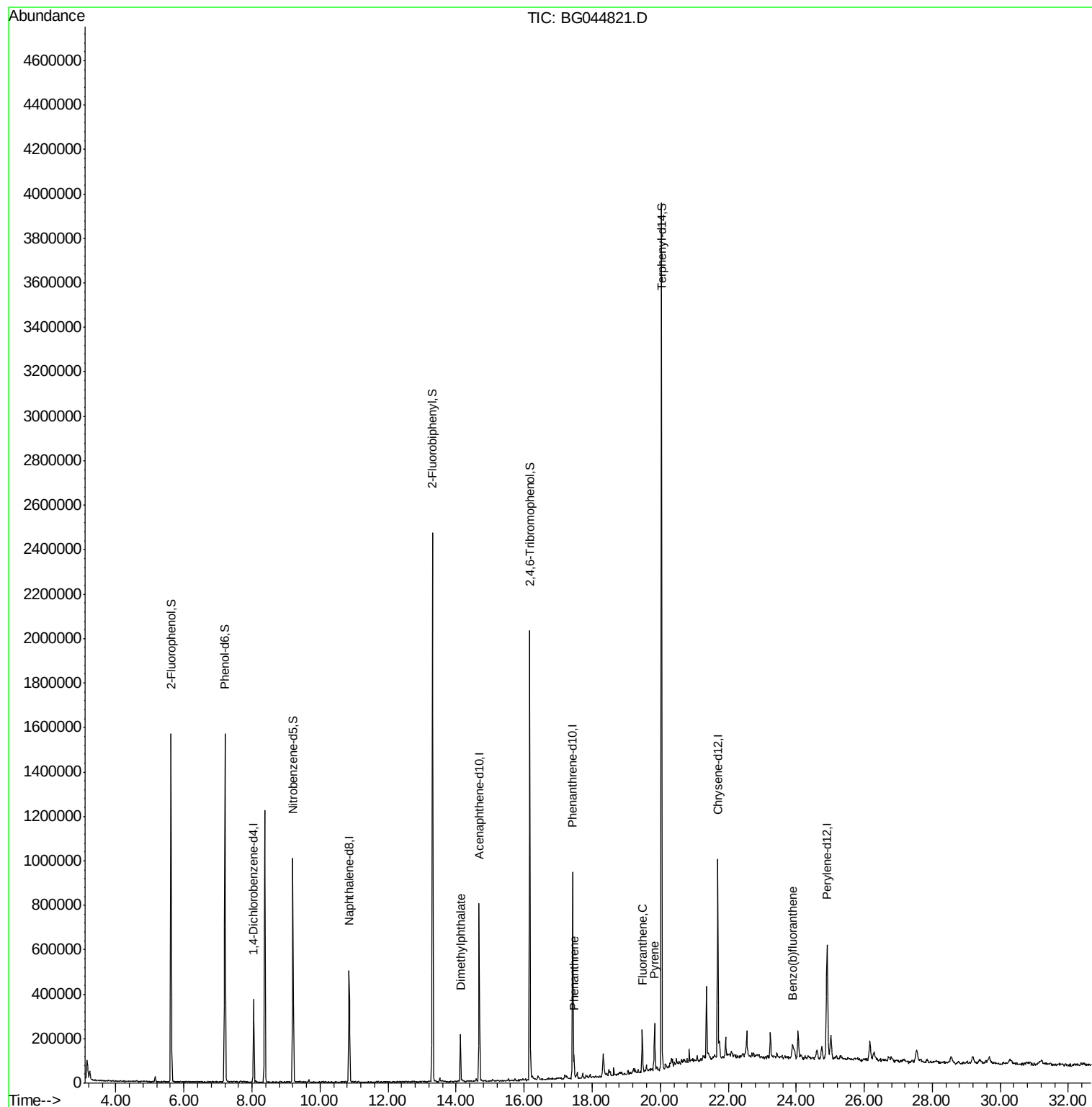
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	107561	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	428952	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	291332	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	610351	20.00	ng	0.00
76) Chrysene-d12	21.70	240	500759	20.00	ng	0.00
87) Perylene-d12	24.91	264	577038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	696610	100.82	ng	0.00
7) Phenol-d6	7.21	99	979952	97.61	ng	0.00
23) Nitrobenzene-d5	9.20	82	649954	66.49	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	388561	101.86	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1325518	65.16	ng	0.00
79) Terphenyl-d14	20.04	244	1826531	68.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	143016	6.164	ng	99
71) Phenanthrene	17.47	178	66741	2.046	ng	96
75) Fluoranthene	19.47	202	118193	3.043	ng	95
78) Pyrene	19.83	202	114316	3.112	ng	97
88) Benzo(b)fluoranthene	23.89	252	80926	2.124	ng	# 95

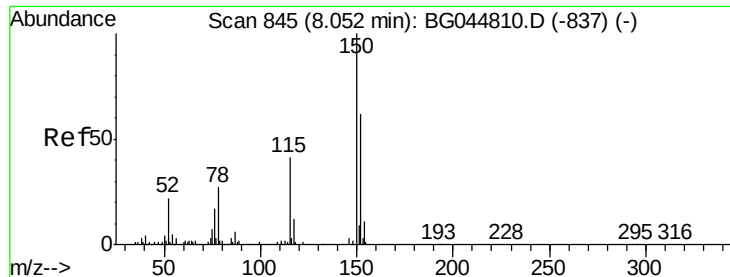
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration



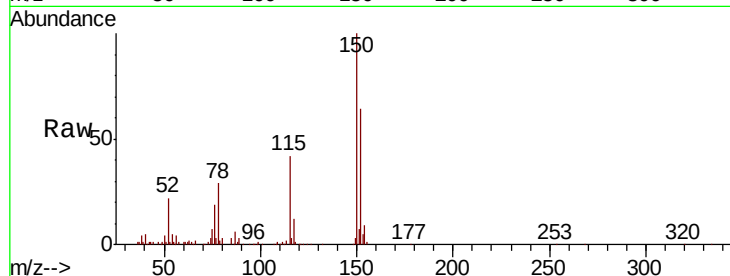


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044821.D
Acq: 16 Mar 2020 20:17

Instrument :
BNA_G
ClientSampleId :
Z3-S1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	128.8	193.2
115	65.9	52.6	79.0

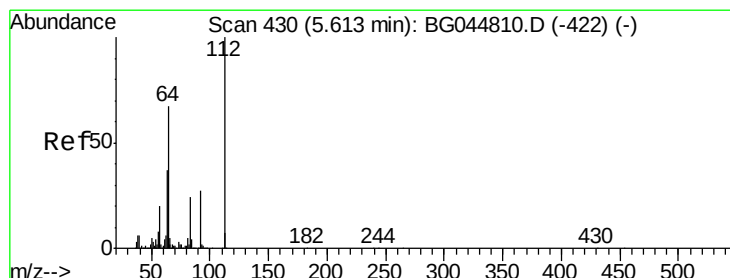
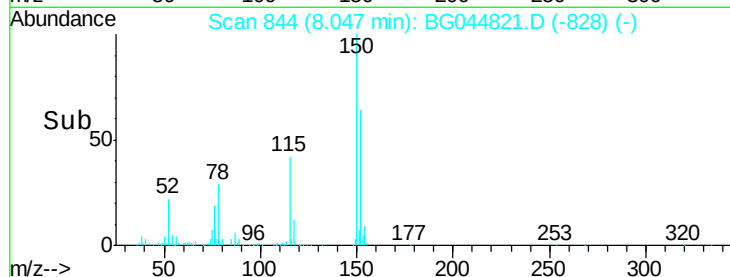
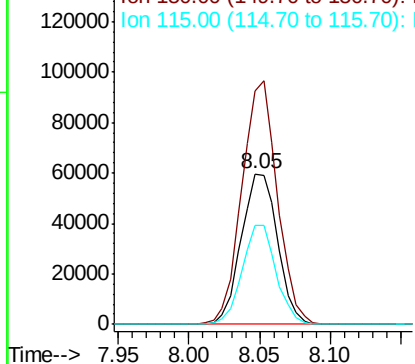


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

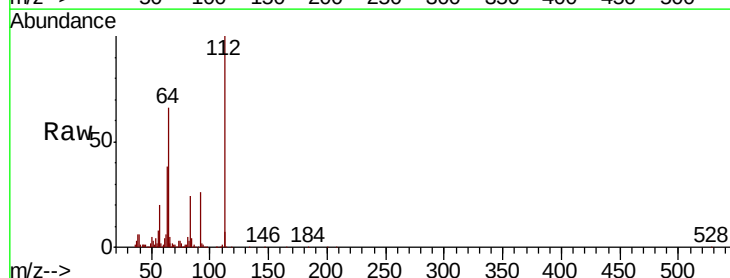
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.818 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044821.D
Acq: 16 Mar 2020 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.4	80.2
63	37.5	29.4	44.2

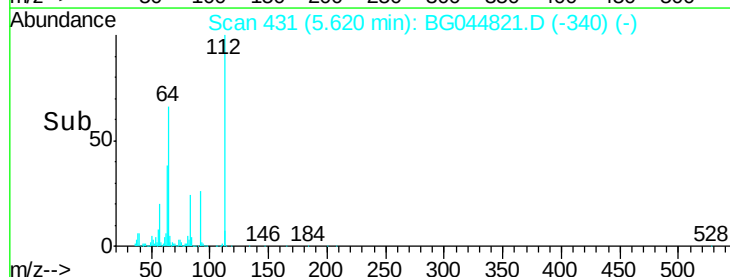
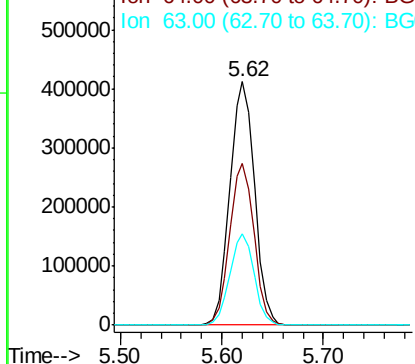


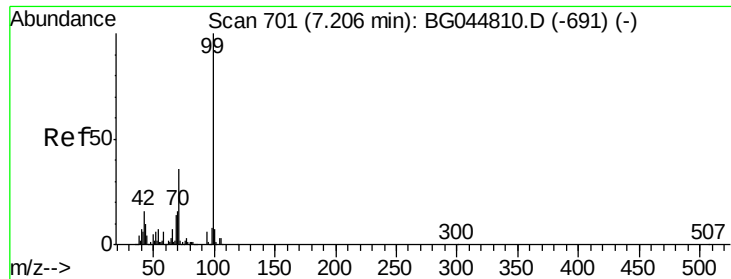
Abundance

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: 97.613 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044821.D

Acq: 16 Mar 2020 20:17

Instrument :

BNA_G

ClientSampleId :

Z3-S1

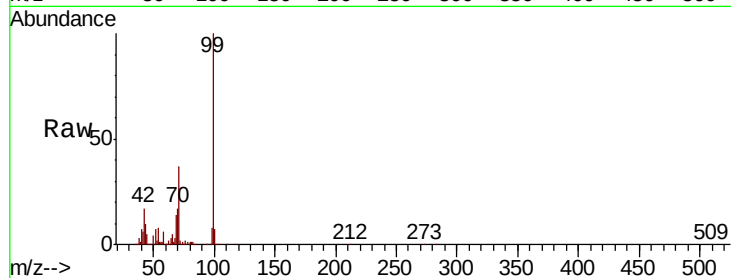
Tot Ion: 99 Resp: 979952

Ion Ratio Lower Upper

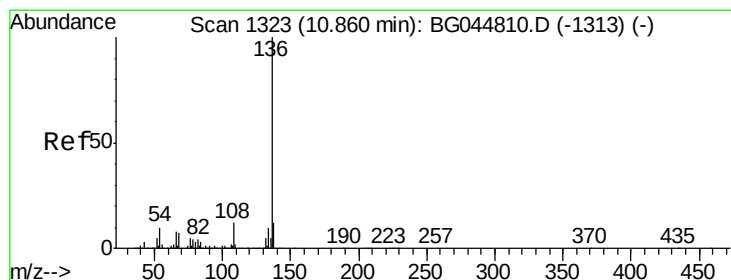
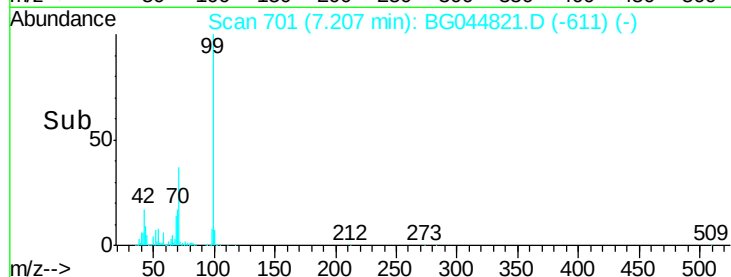
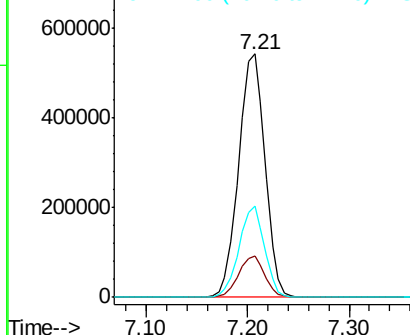
99 100

42 17.1 12.6 19.0

71 37.3 29.0 43.4



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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG044821.D

Acq: 16 Mar 2020 20:17

Tgt Ion: 136 Resp: 428952

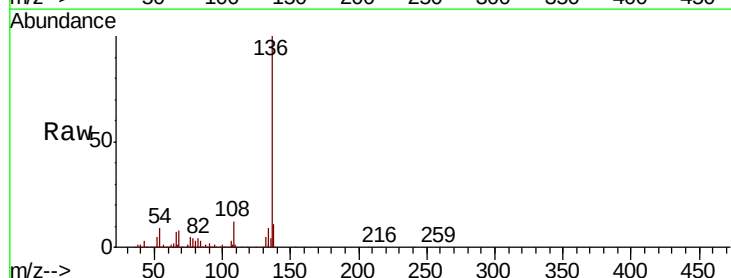
Ion Ratio Lower Upper

136 100

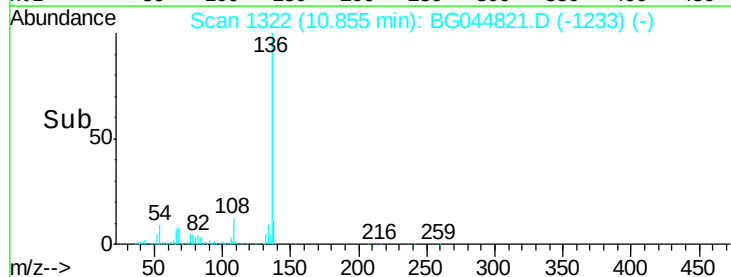
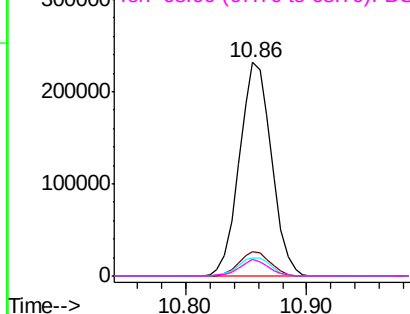
137 11.2 9.8 14.6

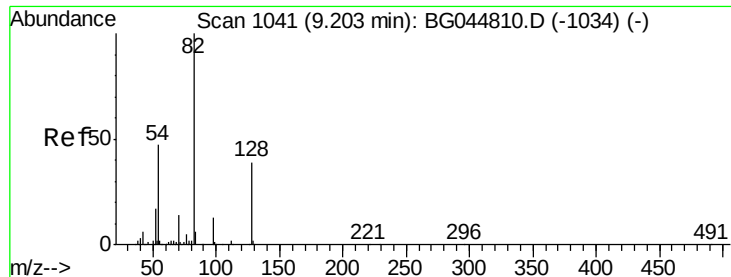
54 8.7 7.9 11.9

68 7.6 5.4 8.0



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

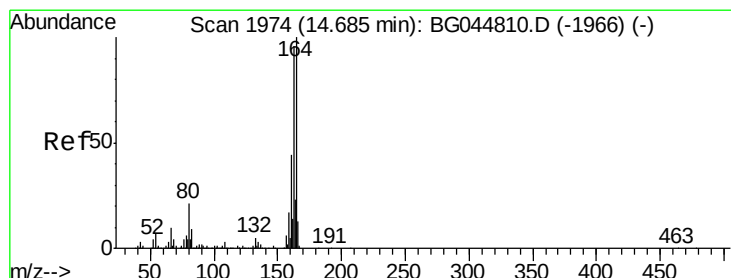
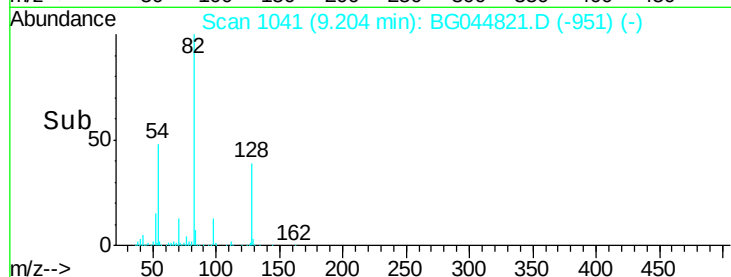
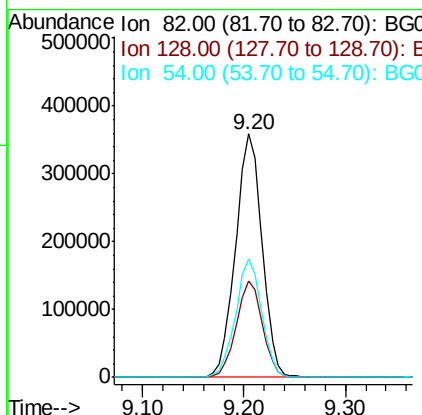
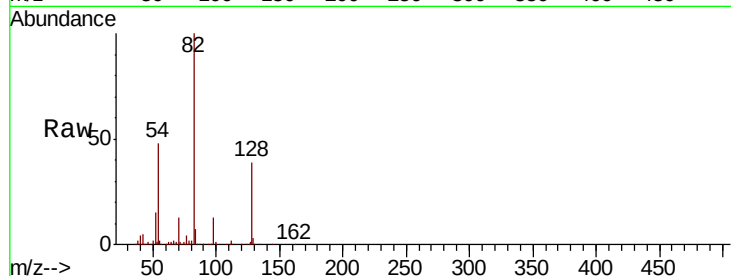




#23
 Nitrobenzene-d5
 Concen: 66.490 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044821.D
 Acq: 16 Mar 2020 20:17

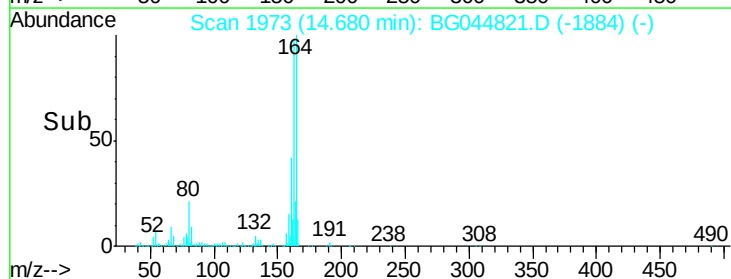
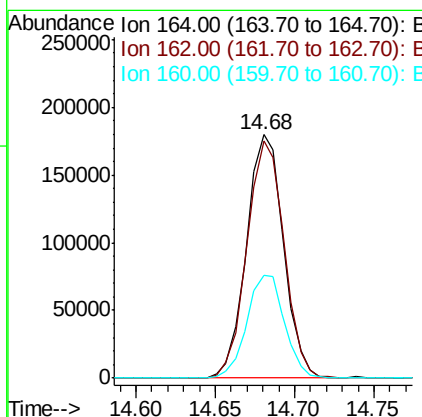
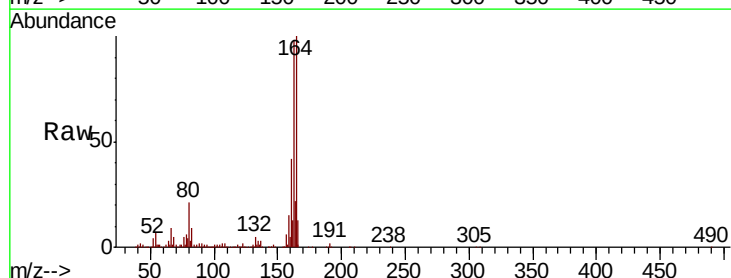
Instrument :
 BNA_G
 ClientSampled :
 Z3-S1

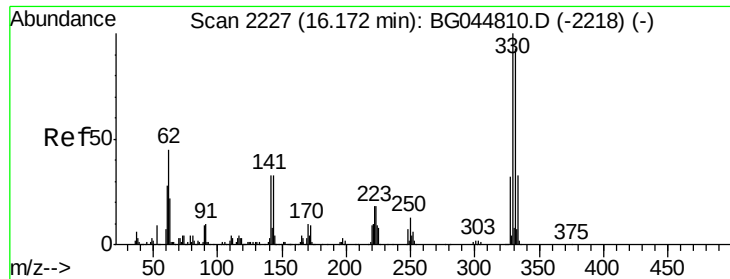
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.6	46.0
54	48.4	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG044821.D
 Acq: 16 Mar 2020 20:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.6	76.7	115.1
160	42.1	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 101.863 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG044821.D

Acq: 16 Mar 2020 20:17

Instrument :

BNA_G

ClientSampleId :

Z3-S1

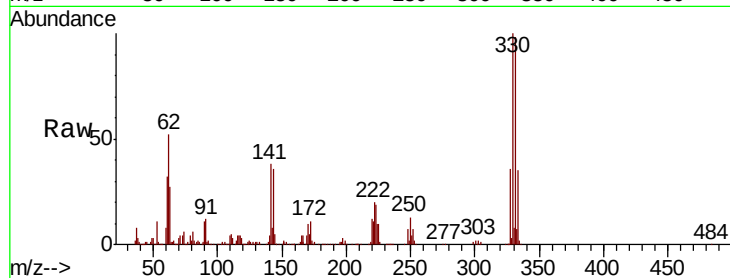
Tot Ion:330 Resp: 388561

Ion Ratio Lower Upper

330 100

332 98.4 77.8 116.6

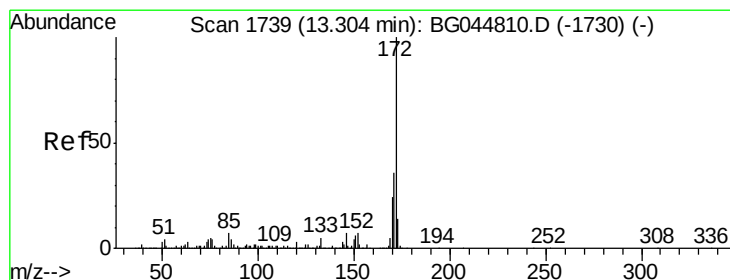
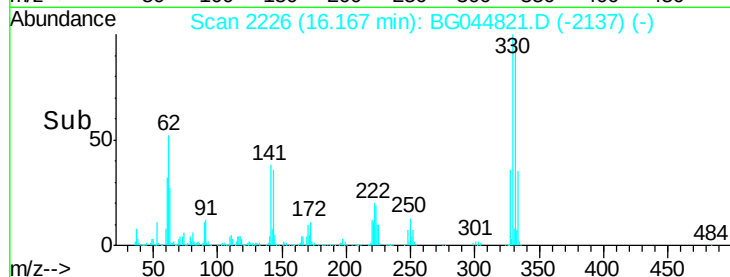
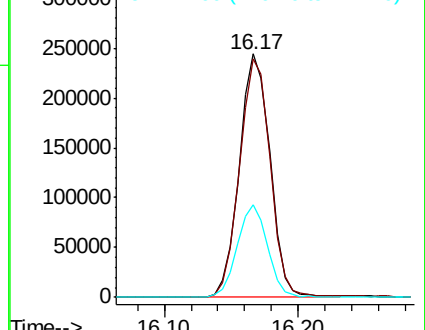
141 37.9 29.5 44.3



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: 65.155 ng

RT: 13.31 min Scan# 1739

Delta R.T. 0.00 min

Lab File: BG044821.D

Acq: 16 Mar 2020 20:17

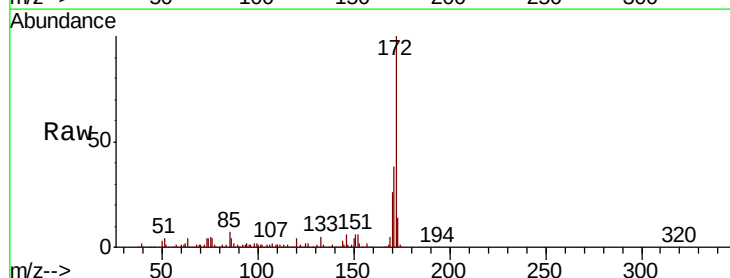
Tgt Ion:172 Resp: 1325518

Ion Ratio Lower Upper

172 100

171 38.3 28.7 43.1

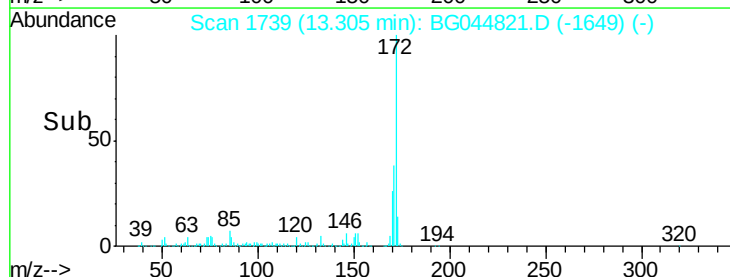
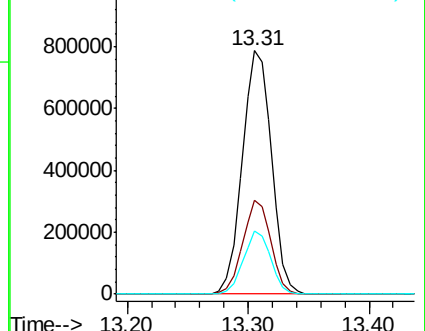
170 25.7 19.0 28.6

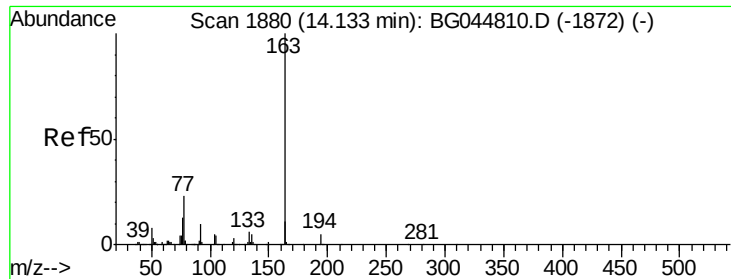


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.164 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG044821.D

Acq: 16 Mar 2020 20:17

Instrument :

BNA_G

ClientSampleId :

Z3-S1

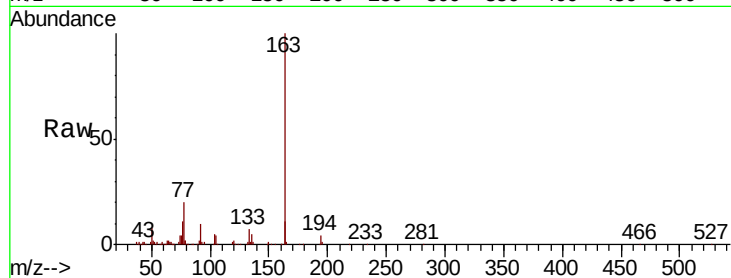
Tot Ion:163 Resp: 143016

Ion Ratio Lower Upper

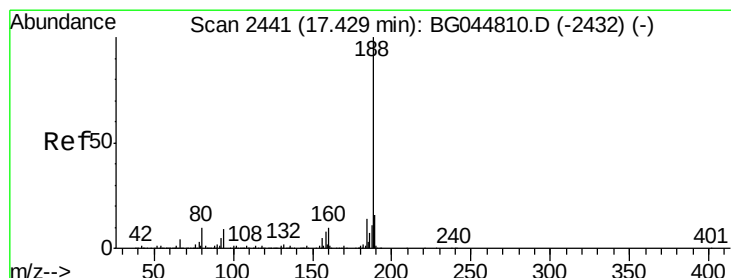
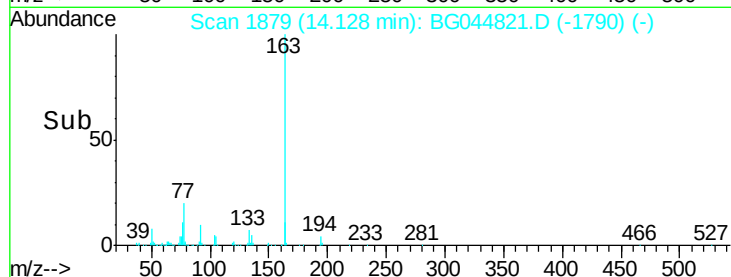
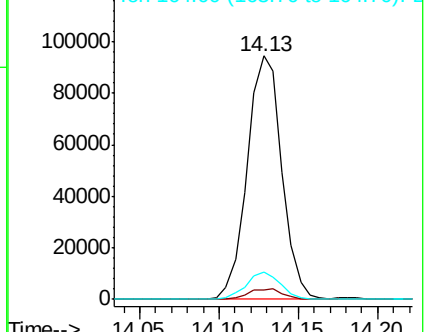
163 100

194 3.8 3.7 5.5

164 11.4 9.1 13.7



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: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG044821.D

Acq: 16 Mar 2020 20:17

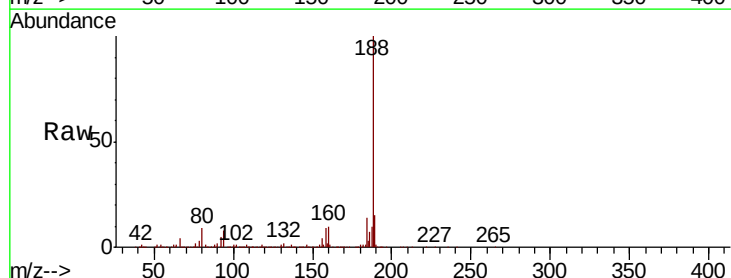
Tgt Ion:188 Resp: 610351

Ion Ratio Lower Upper

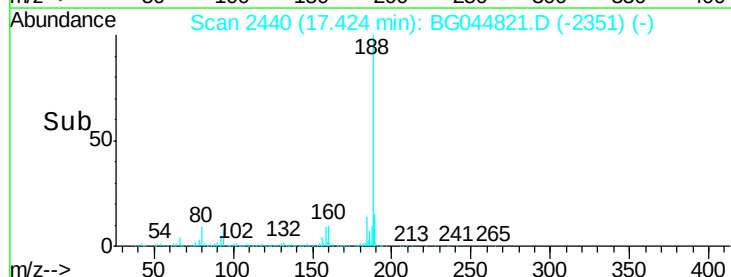
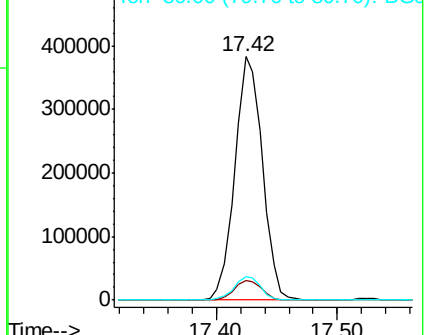
188 100

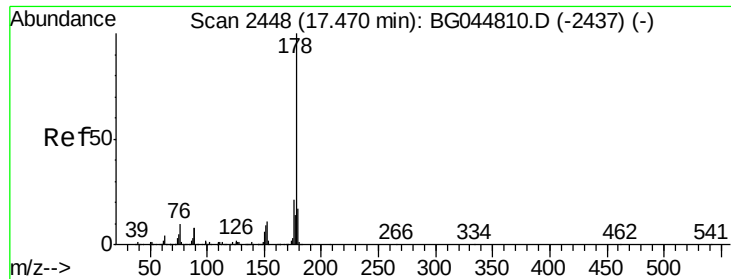
94 8.1 7.3 10.9

80 9.5 8.0 12.0



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

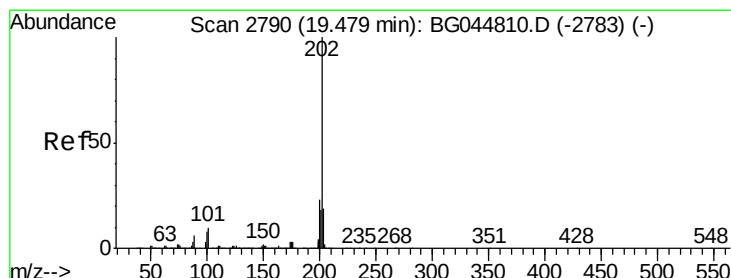
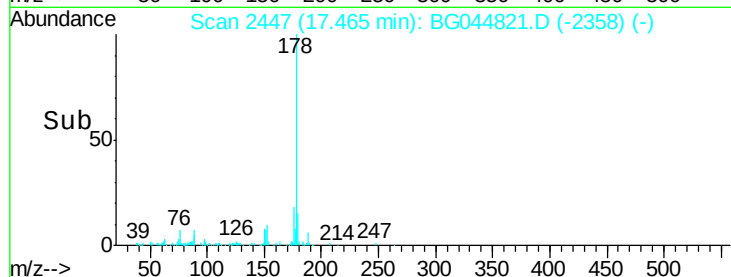
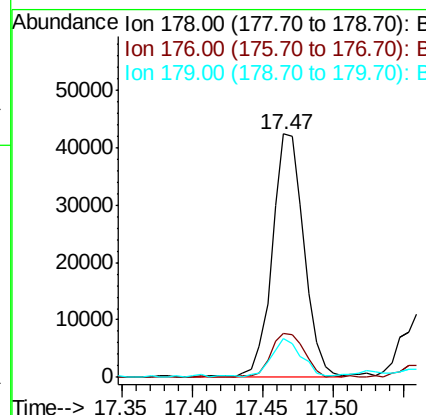
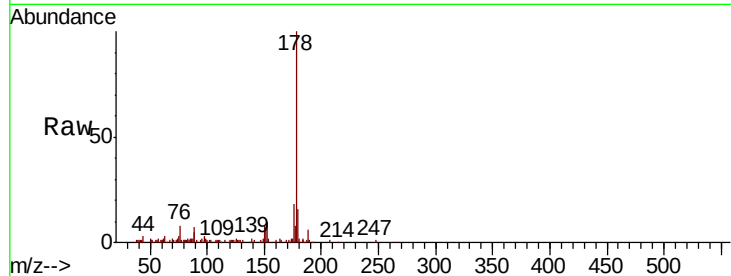




#71
Phenanthrene
Concen: 2.046 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG044821.D
Acq: 16 Mar 2020 20:17

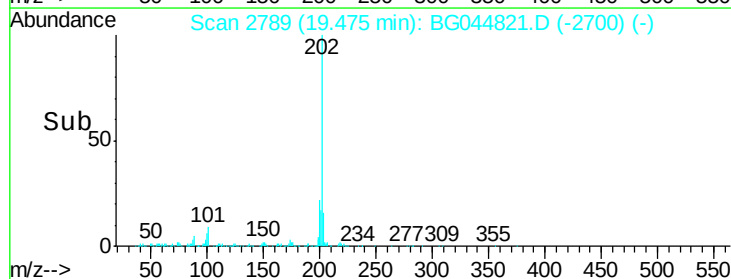
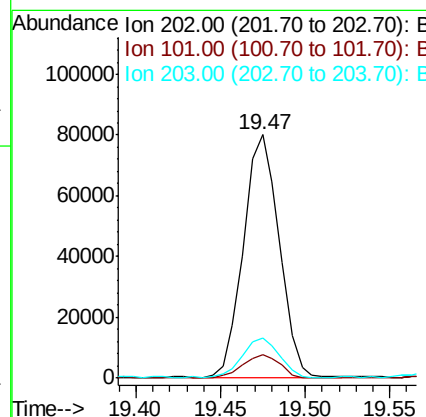
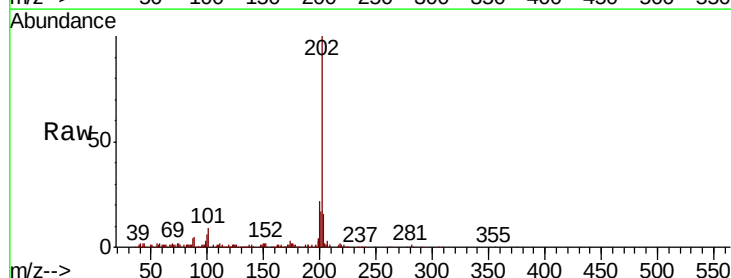
Instrument :
BNA_G
ClientSampled :
Z3-S1

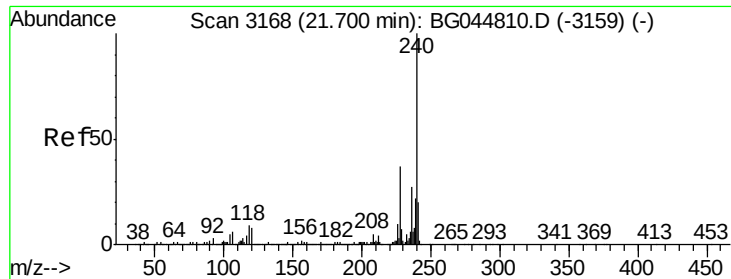
Tot Ion:178 Resp: 66741
Ion Ratio Lower Upper
178 100
176 17.8 16.6 24.8
179 15.9 13.5 20.3



#75
Fluoranthene
Concen: 3.043 ng
RT: 19.47 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BG044821.D
Acq: 16 Mar 2020 20:17

Tgt Ion:202 Resp: 118193
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.8
203 16.5 0.0 39.4

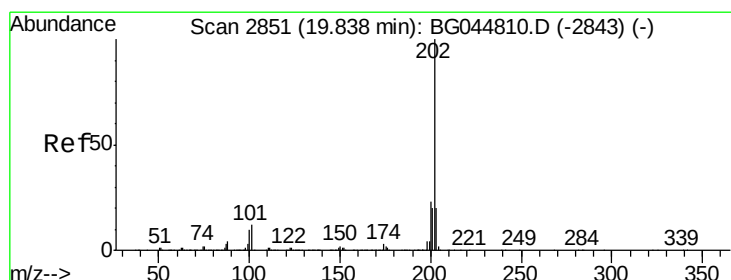
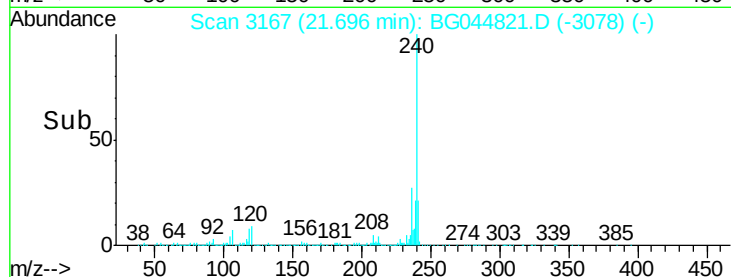
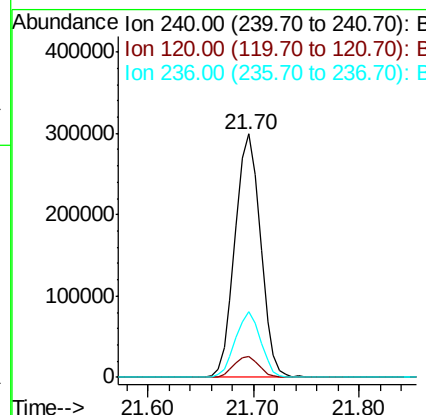
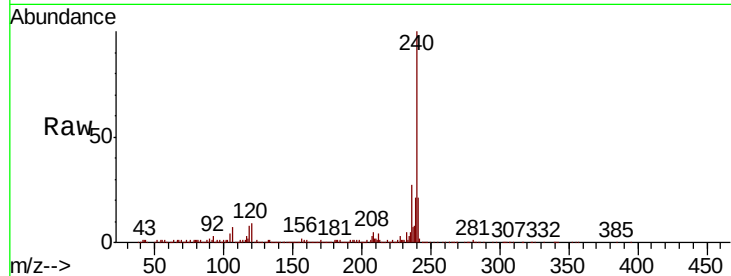




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG044821.D
Acq: 16 Mar 2020 20:17

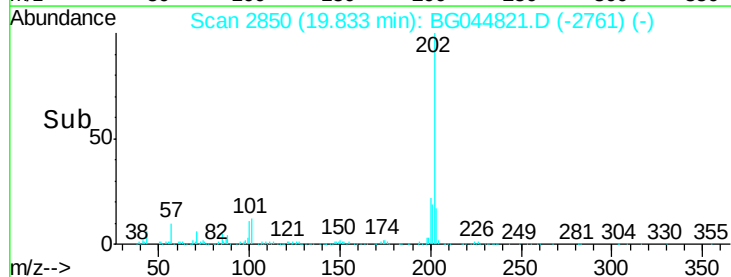
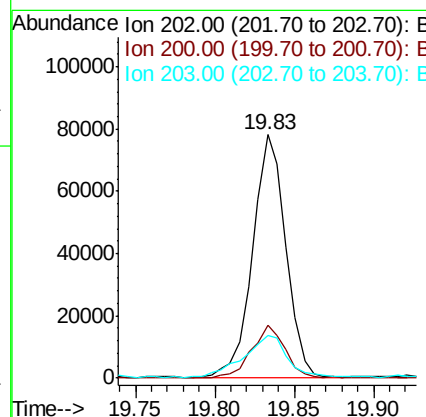
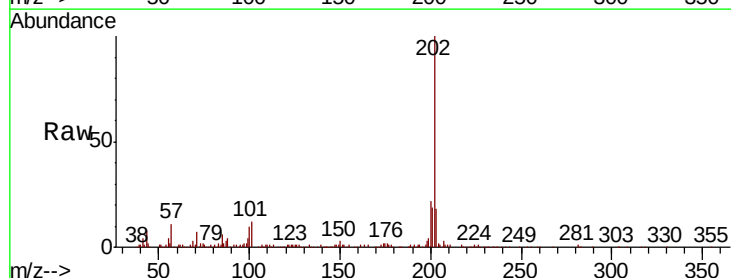
Instrument :
BNA_G
ClientSampleId :
Z3-S1

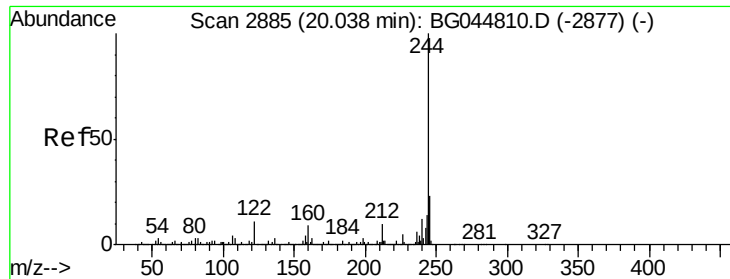
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.7	10.1
236	26.8	21.5	32.3



#78
Pyrene
Concen: 3.112 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG044821.D
Acq: 16 Mar 2020 20:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.3	27.5
203	17.7	15.6	23.4





#79

Terphenyl-d14

Concen: 68.229 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044821.D

Acq: 16 Mar 2020 20:17

Instrument :

BNA_G

ClientSampleId :

Z3-S1

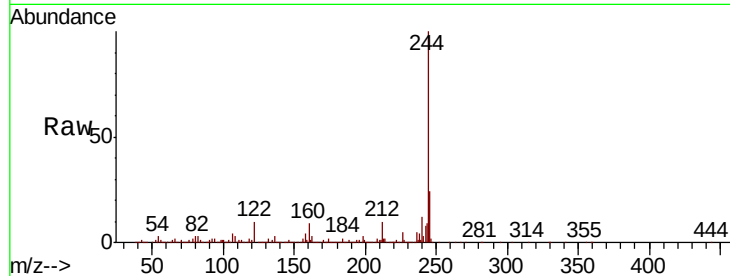
Tot Ion:244 Resp: 1826531

Ion Ratio Lower Upper

244 100

212 9.6 7.7 11.5

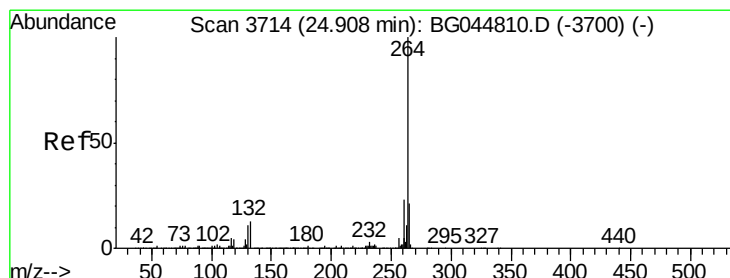
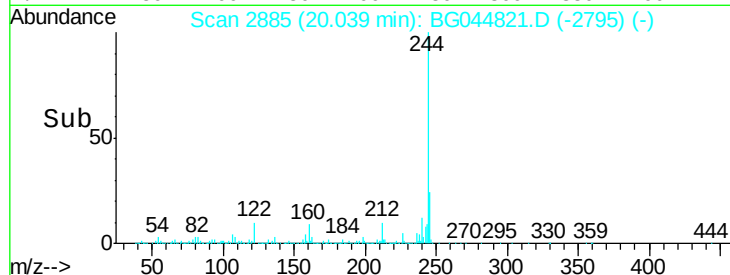
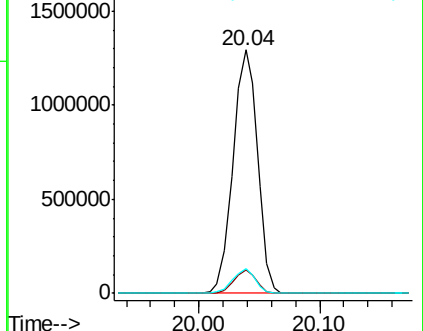
122 10.4 8.6 12.8



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: 24.91 min Scan# 3714

Delta R.T. 0.00 min

Lab File: BG044821.D

Acq: 16 Mar 2020 20:17

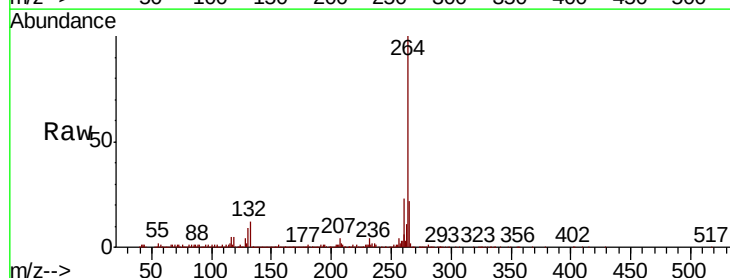
Tgt Ion:264 Resp: 577038

Ion Ratio Lower Upper

264 100

260 22.6 18.1 27.1

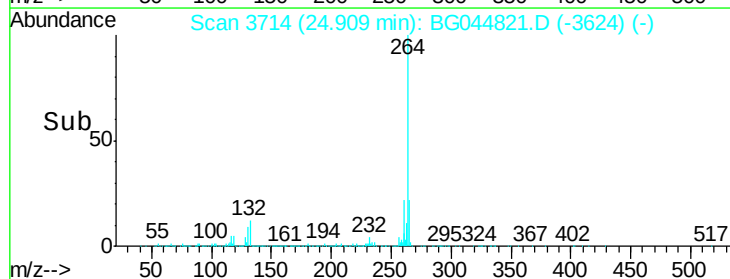
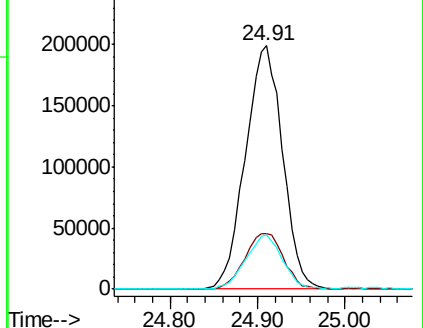
265 22.3 17.1 25.7

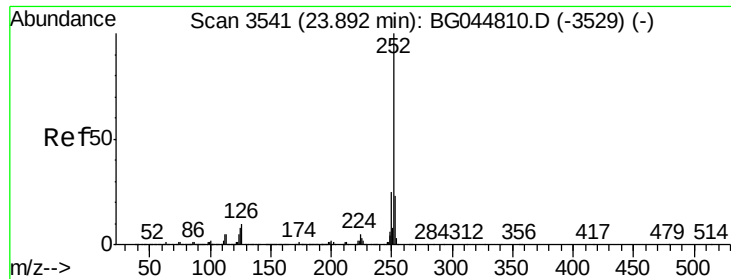


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.124 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG044821.D

Acq: 16 Mar 2020 20:17

Instrument :

BNA_G

ClientSampleId :

Z3-S1

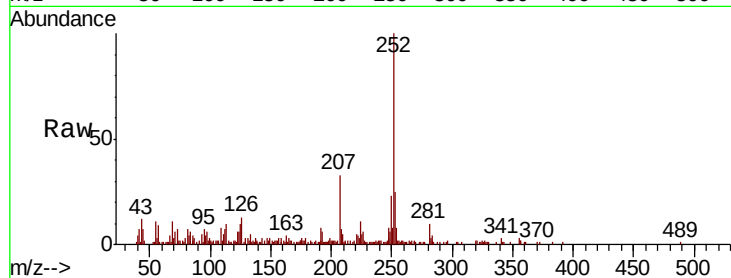
Tot Ion:252 Resp: 80926

Ion Ratio Lower Upper

252 100

253 25.0 18.1 27.1

125 10.0 6.6 9.8#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

