

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044837.D
 Acq On : 17 Mar 2020 17:52
 Operator : CG/JU
 Sample : PB127518BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127518BL

Quant Time: Mar 17 18:28:47 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	78452	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	306174	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	210228	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	535355	20.00	ng	0.00
76) Chrysene-d12	21.69	240	510374	20.00	ng	-0.01
87) Perylene-d12	24.90	264	567219	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	644634	127.91	ng	0.00
7) Phenol-d6	7.20	99	884515	120.80	ng	0.00
23) Nitrobenzene-d5	9.20	82	579173	83.01	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	423015	153.68	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1245148	84.82	ng	0.00
79) Terphenyl-d14	20.04	244	2321233	85.07	ng	0.00

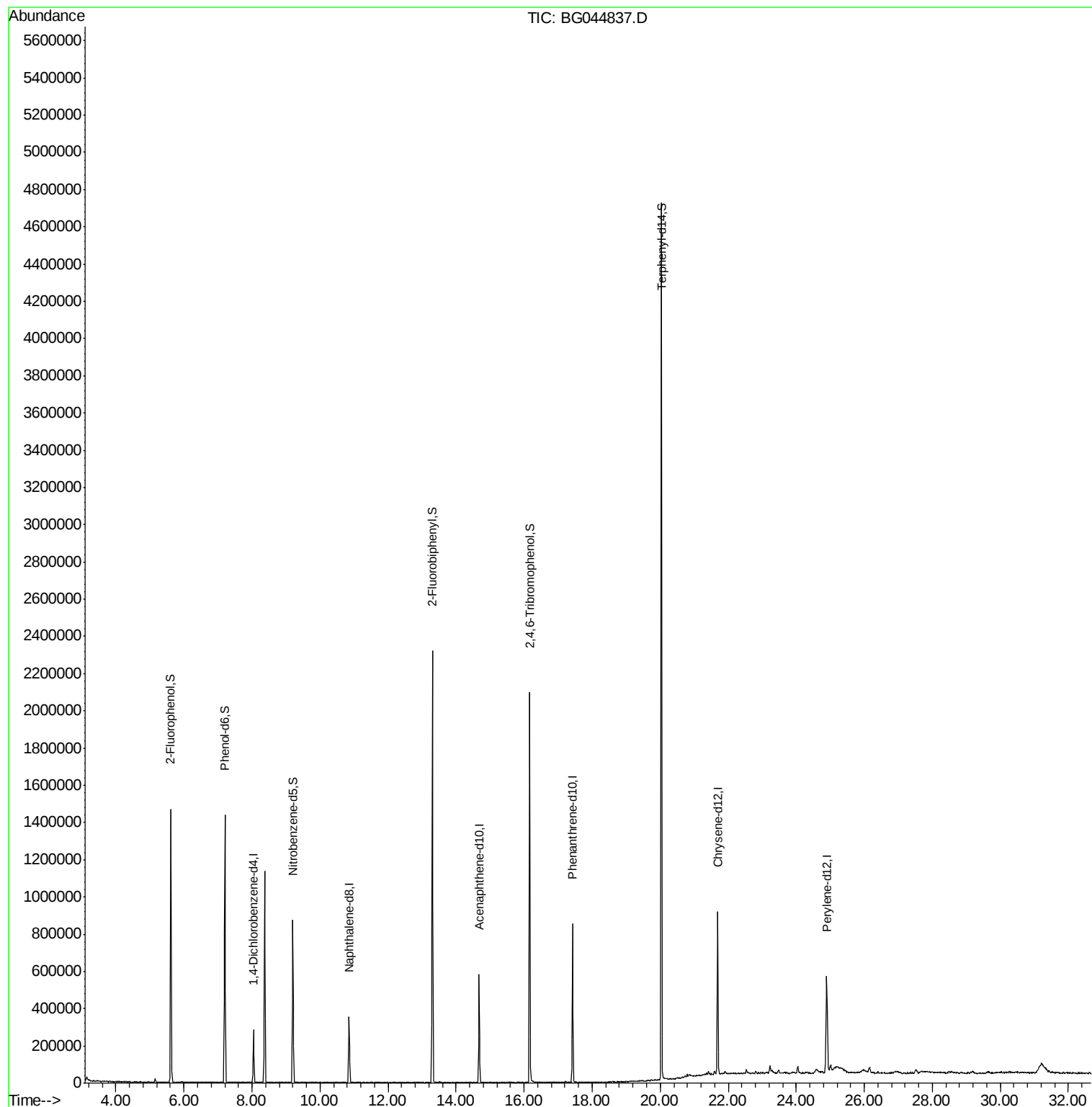
Target Compounds Qvalue

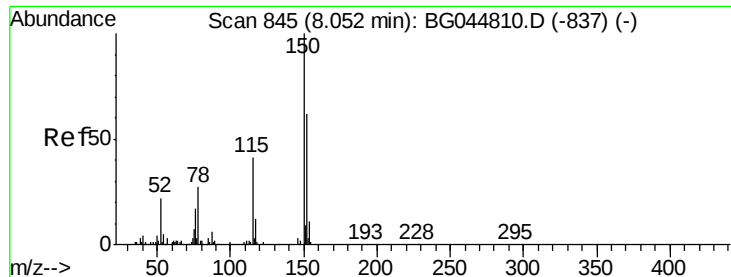
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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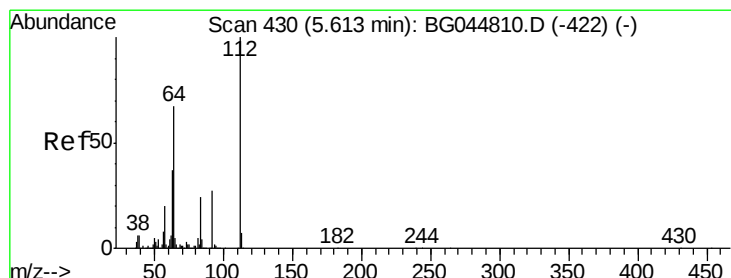
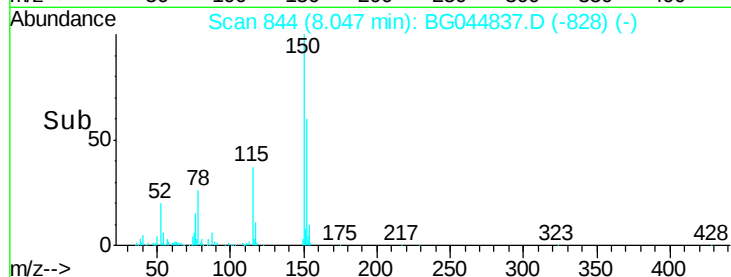
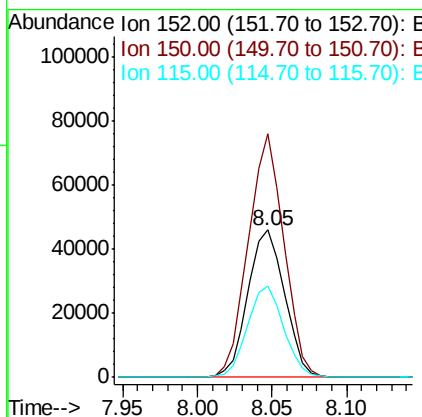
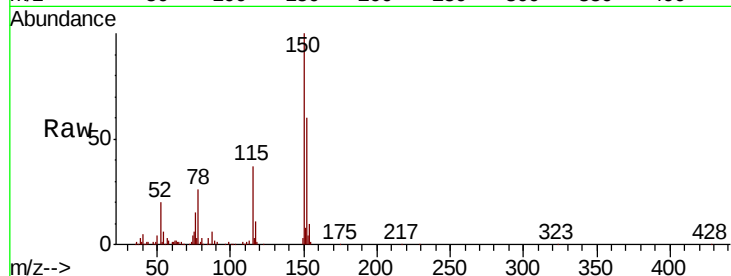


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG044837.D
 Acq: 17 Mar 2020 17:52

Instrument :
 BNA_G
 ClientSampleId :
 PB127518BL

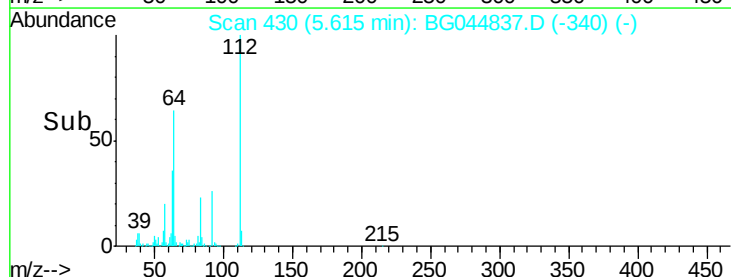
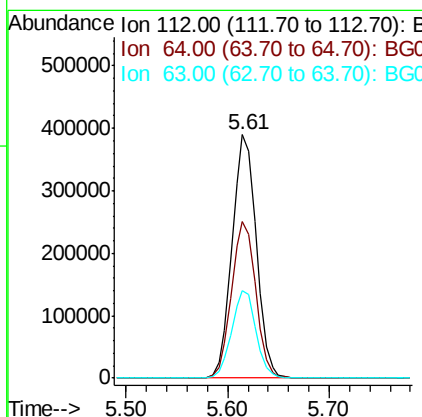
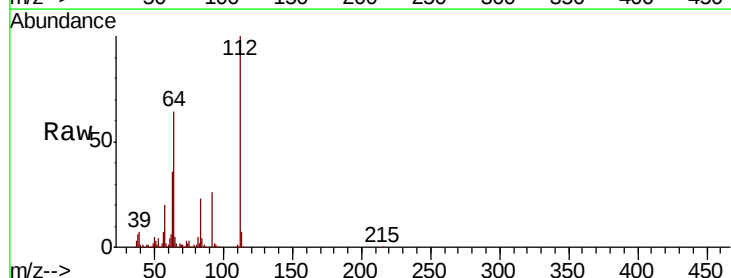
Tot Ion	Ratio	Lower	Upper
152	100		
150	165.5	128.8	193.2
115	62.0	52.6	79.0

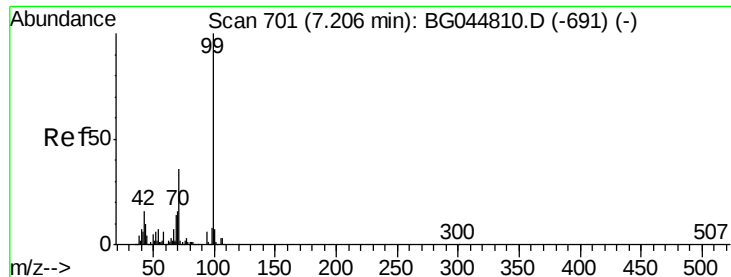


#5

2-Fluorophenol
 Concen: 127.912 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BG044837.D
 Acq: 17 Mar 2020 17:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	53.4	80.2
63	36.0	29.4	44.2





#7

Phenol-d6

Concen: 120.798 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044837.D

Acq: 17 Mar 2020 17:52

Instrument :

BNA_G

ClientSampleId :

PB127518BL

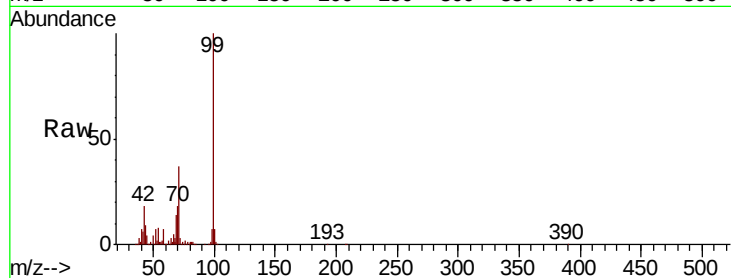
Tot Ion: 99 Resp: 884515

Ion Ratio Lower Upper

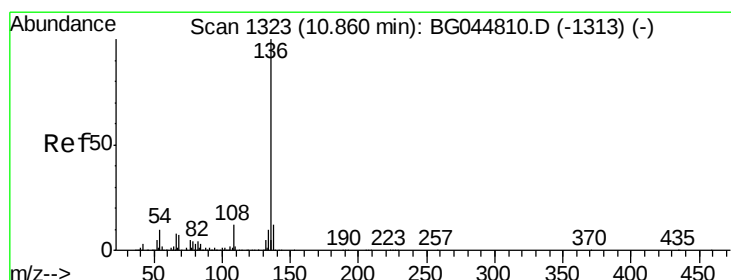
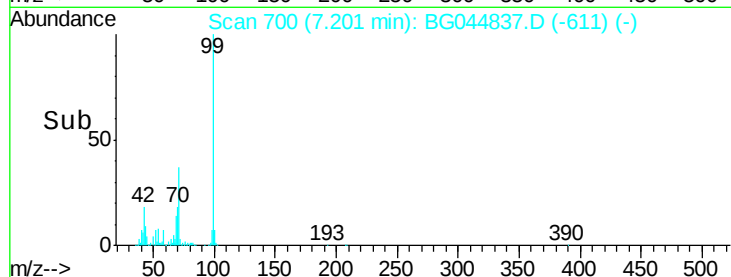
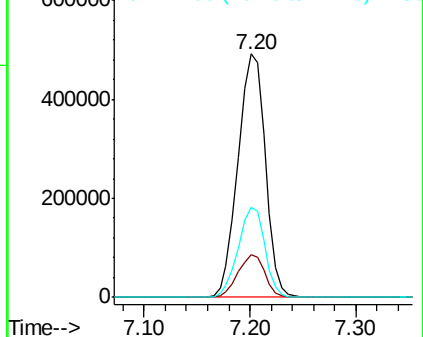
99 100

42 17.8 12.6 19.0

71 36.9 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: BG044837.D

Acq: 17 Mar 2020 17:52

Tgt Ion: 136 Resp: 306174

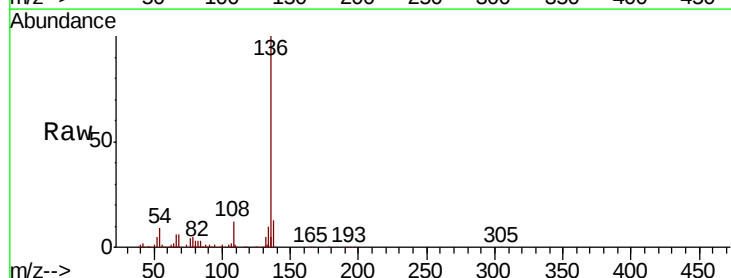
Ion Ratio Lower Upper

136 100

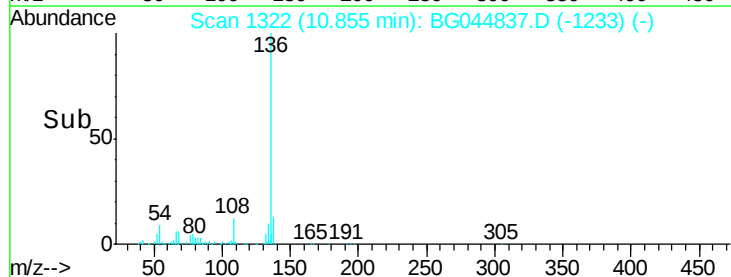
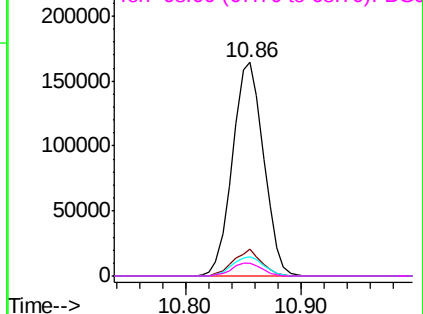
137 12.5 9.8 14.6

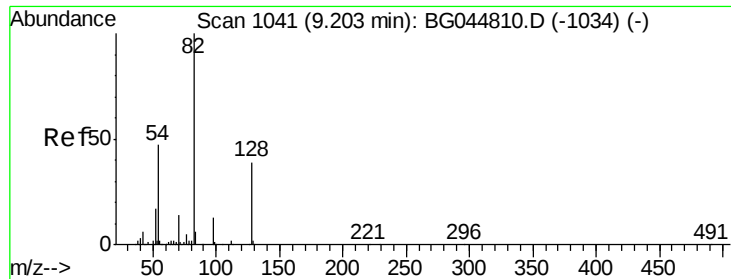
54 8.9 7.9 11.9

68 6.3 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: 83.008 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG044837.D

Acq: 17 Mar 2020 17:52

Instrument :

BNA_G

ClientSampleId :

PB127518BL

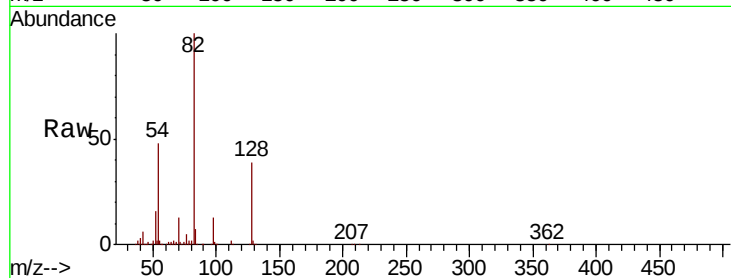
Tot Ion: 82 Resp: 579173

Ion Ratio Lower Upper

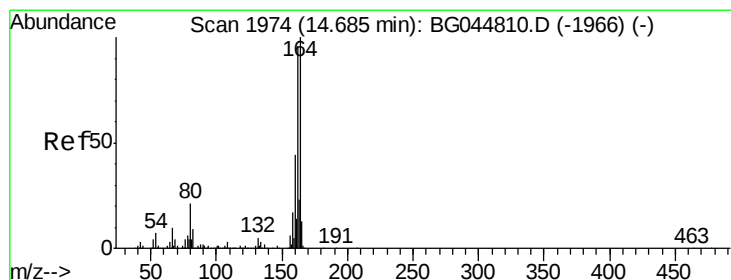
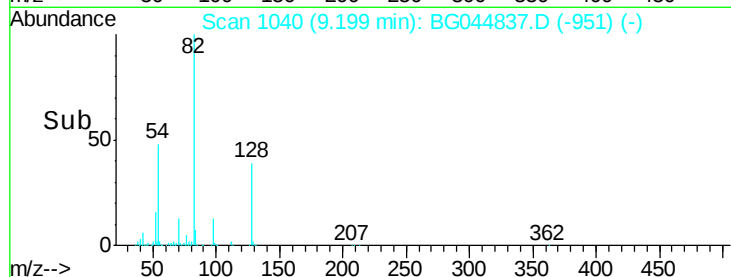
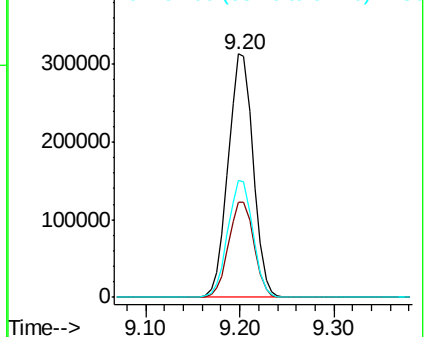
82 100

128 38.9 30.6 46.0

54 48.3 37.1 55.7



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: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG044837.D

Acq: 17 Mar 2020 17:52

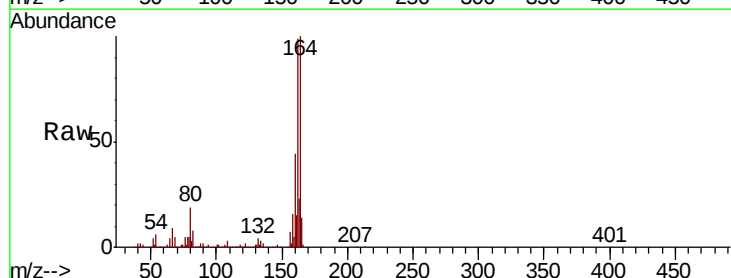
Tgt Ion: 164 Resp: 210228

Ion Ratio Lower Upper

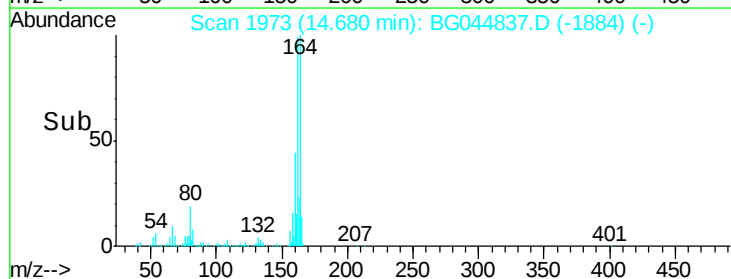
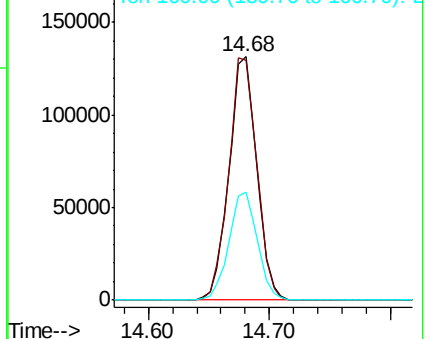
164 100

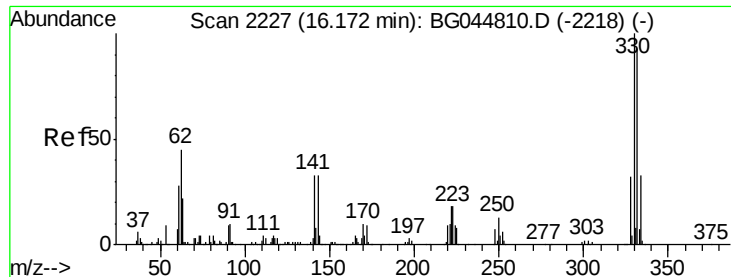
162 98.6 76.7 115.1

160 44.1 35.0 52.4



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: 153.678 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG044837.D

Acq: 17 Mar 2020 17:52

Instrument :

BNA_G

ClientSampleId :

PB127518BL

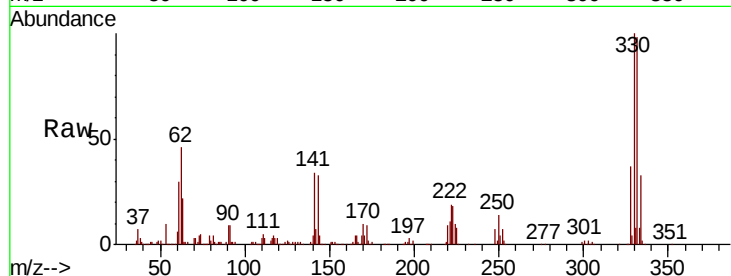
Tot Ion:330 Resp: 423015

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.6

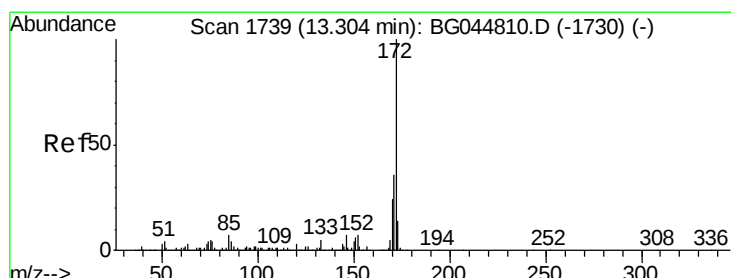
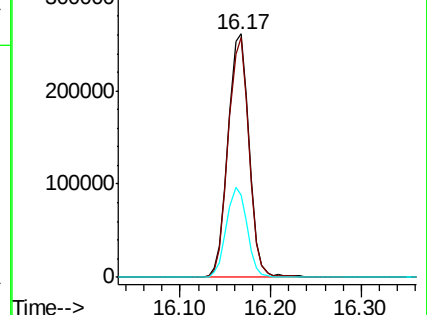
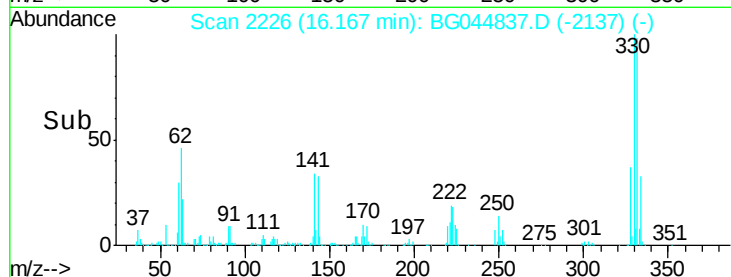
141 36.3 29.5 44.3



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: 84.817 ng

RT: 13.31 min Scan# 1739

Delta R.T. 0.00 min

Lab File: BG044837.D

Acq: 17 Mar 2020 17:52

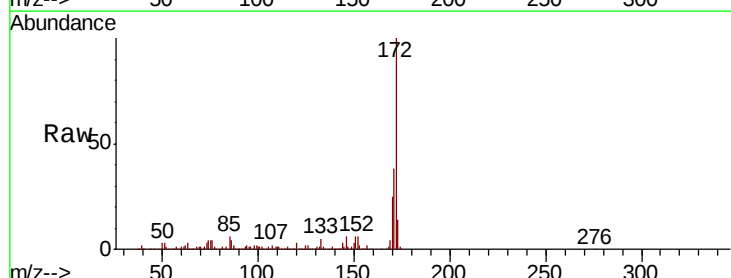
Tgt Ion:172 Resp: 1245148

Ion Ratio Lower Upper

172 100

171 37.5 28.7 43.1

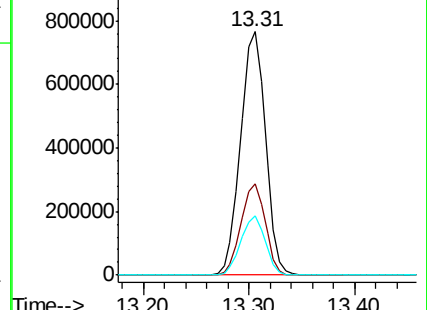
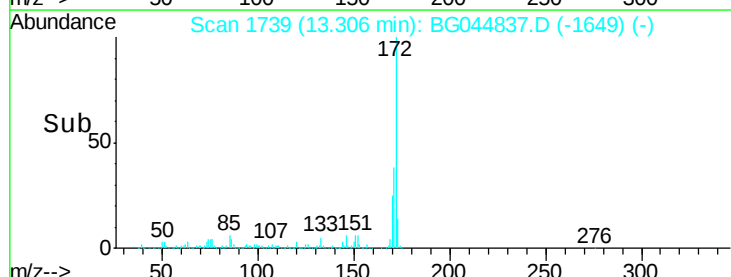
170 24.5 19.0 28.6

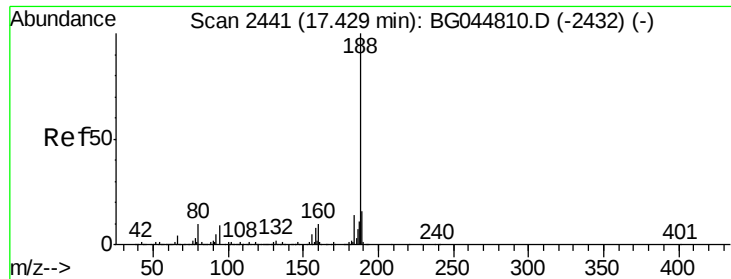


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG044837.D

Acq: 17 Mar 2020 17:52

Instrument :

BNA_G

ClientSampleId :

PB127518BL

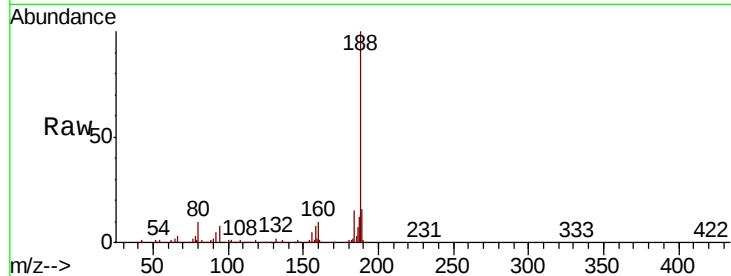
Tot Ion:188 Resp: 535355

Ion Ratio Lower Upper

188 100

94 7.8 7.3 10.9

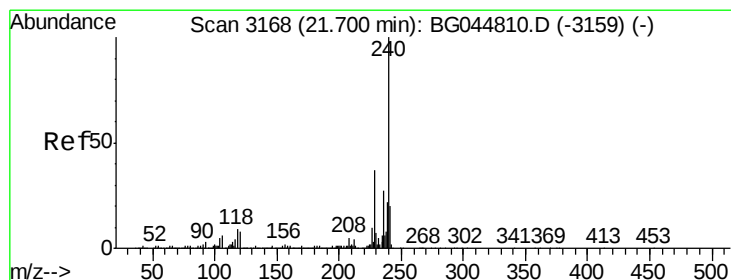
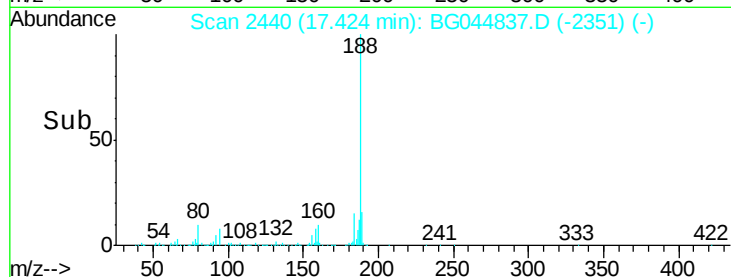
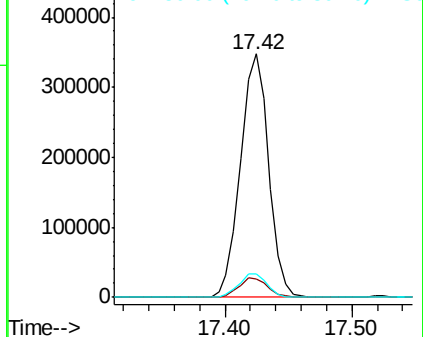
80 9.7 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044837.D

Acq: 17 Mar 2020 17:52

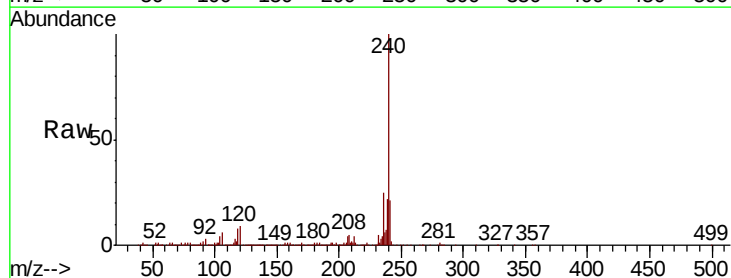
Tgt Ion:240 Resp: 510374

Ion Ratio Lower Upper

240 100

120 8.9 6.7 10.1

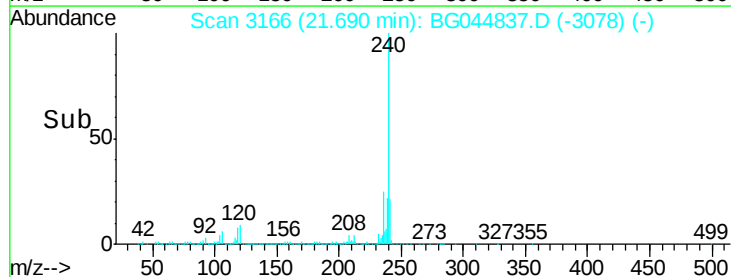
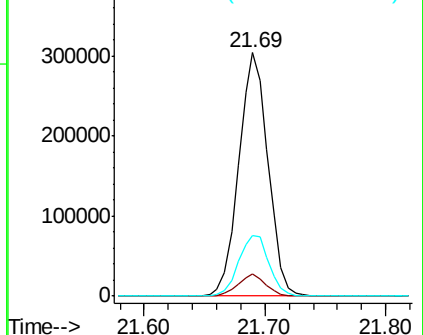
236 25.0 21.5 32.3

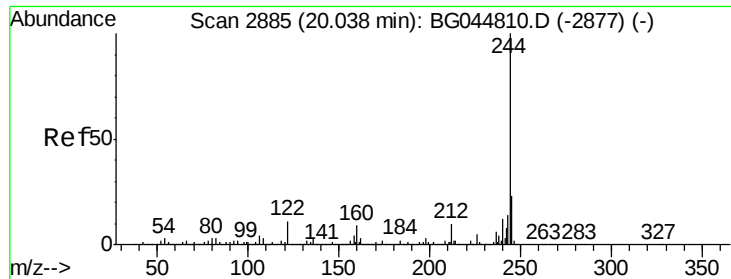


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.074 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044837.D

Acq: 17 Mar 2020 17:52

Instrument :

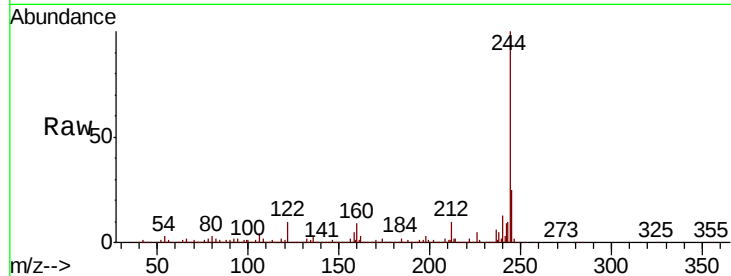
BNA_G

ClientSampleId :

PB127518BL

Tot Ion:244 Resp: 2321233

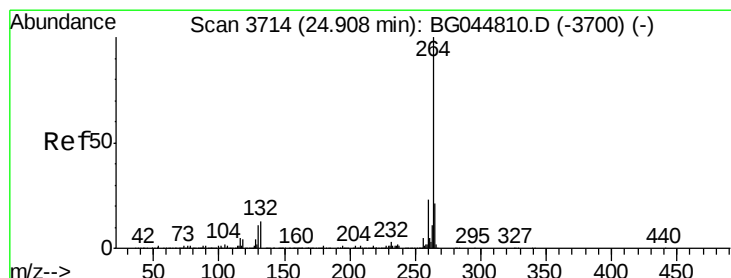
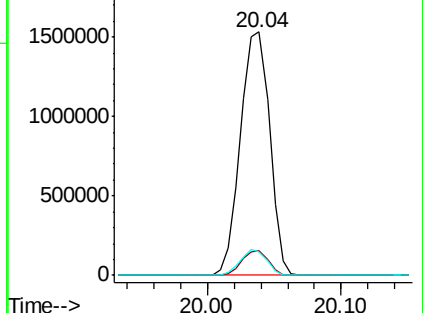
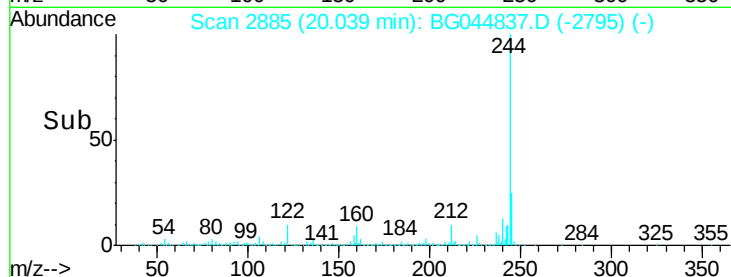
Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.7	11.5
122	9.8	8.6	12.8



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: 24.90 min Scan# 3712

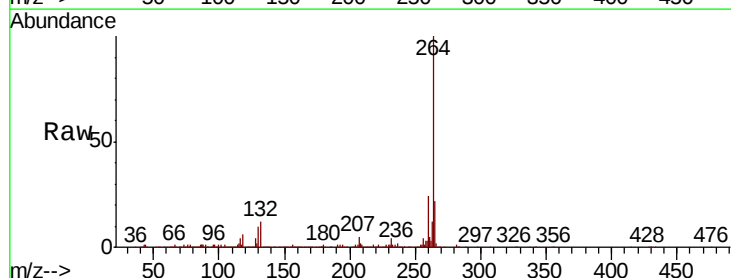
Delta R.T. -0.01 min

Lab File: BG044837.D

Acq: 17 Mar 2020 17:52

Tgt Ion:264 Resp: 567219

Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

