

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044307.D
 Acq On : 5 Feb 2020 16:47
 Operator : CG/JU
 Sample : L1390-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Quant Time: Feb 06 02:13:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

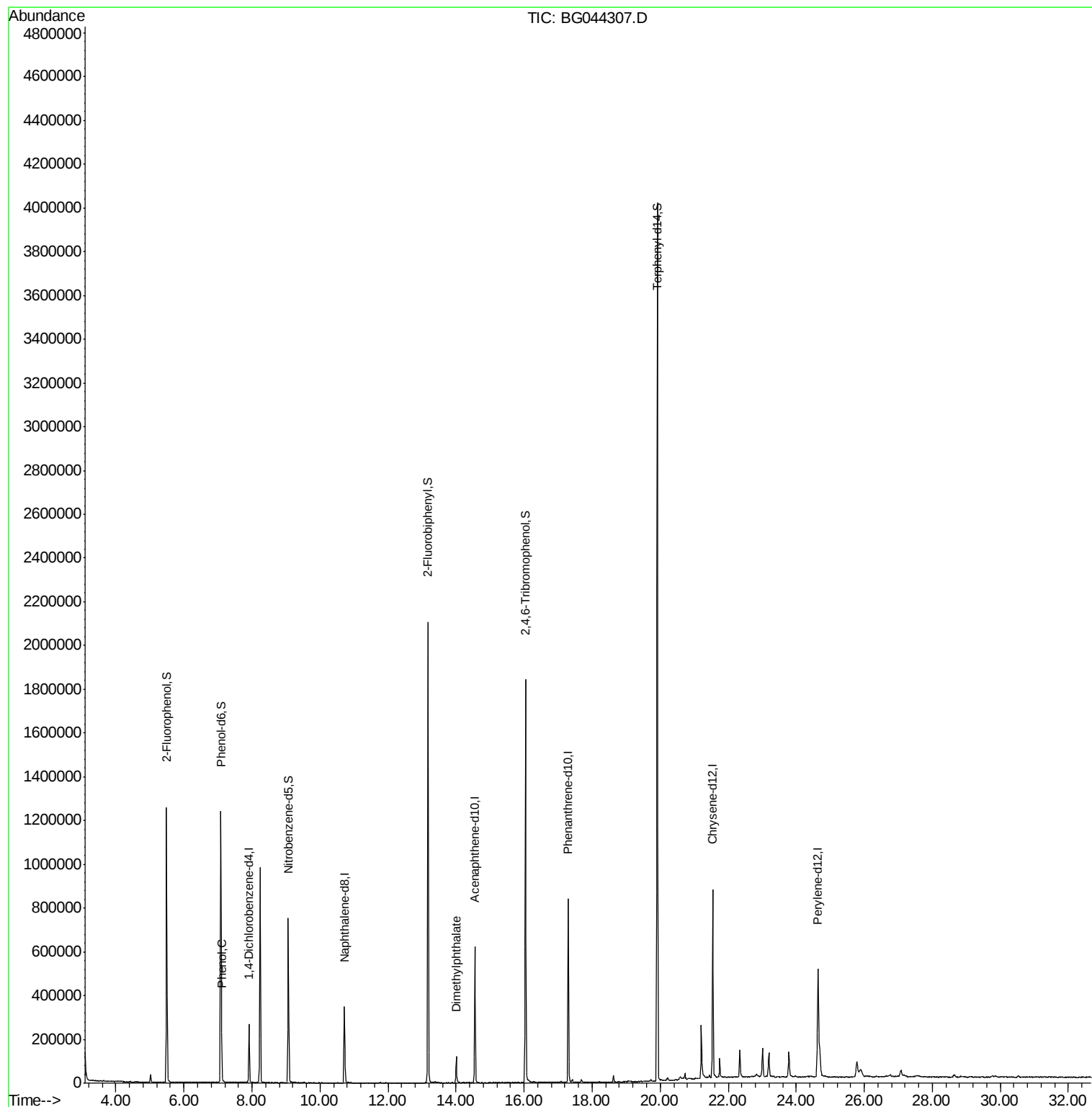
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	79806	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	333568	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	233379	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	547293	20.00	ng	0.00
76) Chrysene-d12	21.54	240	500569	20.00	ng	0.00
87) Perylene-d12	24.64	264	556318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	612401	135.43	ng	0.00
7) Phenol-d6	7.08	99	817975	134.70	ng	0.00
23) Nitrobenzene-d5	9.07	82	494646	83.72	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	367996	134.32	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1138387	81.68	ng	0.00
79) Terphenyl-d14	19.92	244	1893755	77.82	ng	0.00
Target Compounds						
10) Phenol	7.11	94	16051	2.671	ng	92
50) Dimethylphthalate	14.00	163	92974	5.542	ng	98

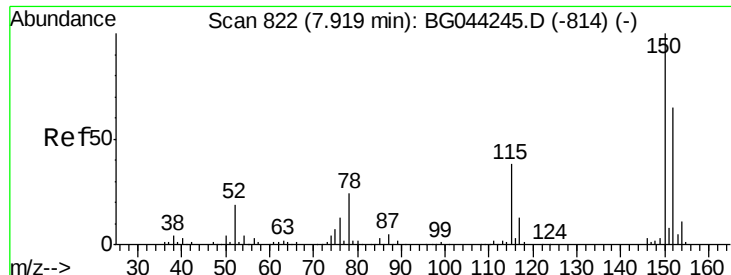
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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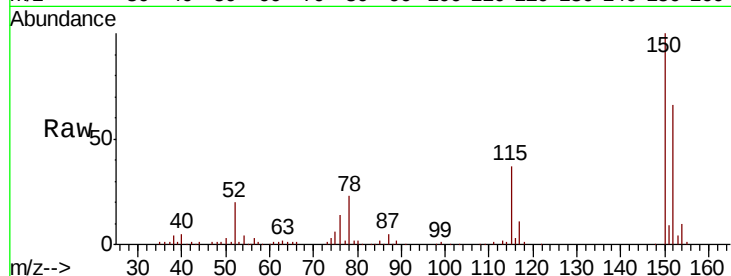


#1

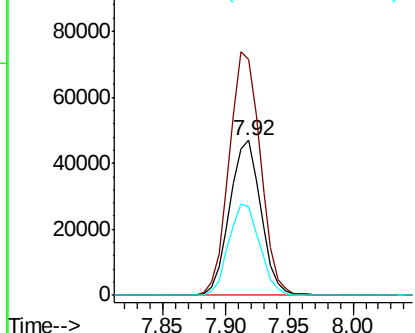
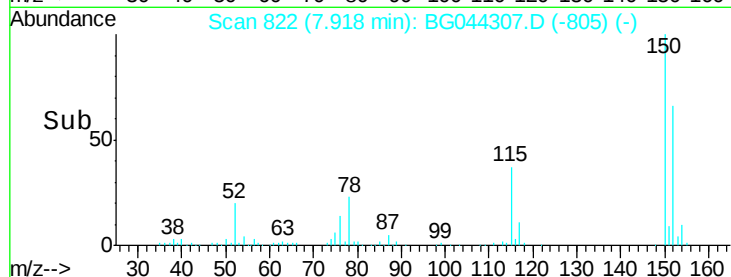
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG044307.D
 Acq: 5 Feb 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.6	183.8
115	57.2	46.0	69.0



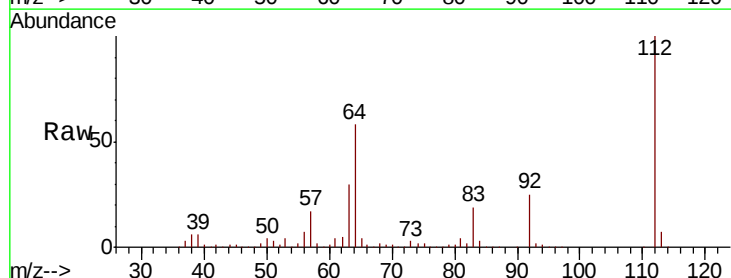
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



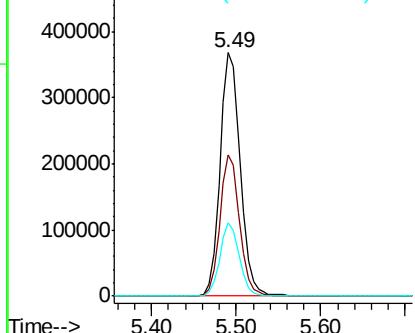
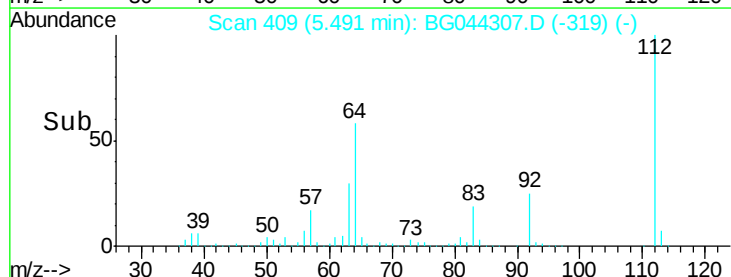
#5

2-Fluorophenol
 Concen: 135.427 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044307.D
 Acq: 5 Feb 2020 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.4	68.2
63	30.0	22.9	34.3



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: 134.705 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

Instrument :

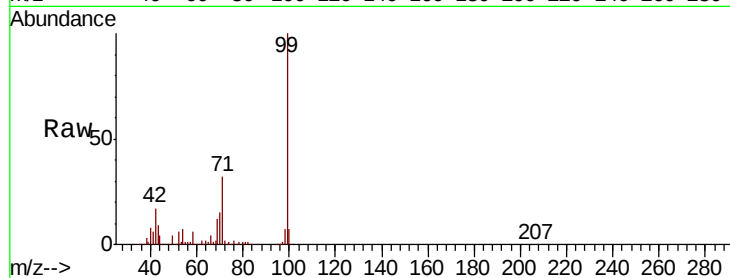
BNA_G

ClientSampleId :

SB-2

Tot Ion: 99 Resp: 817975

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	31.7	25.5	38.3

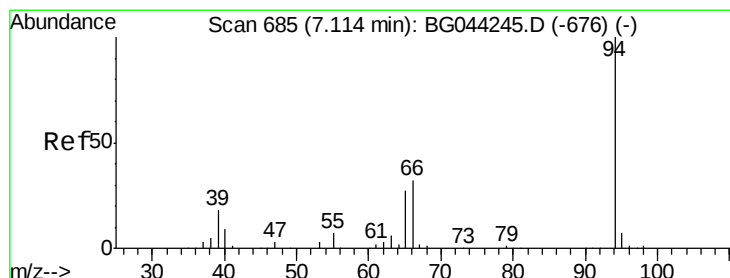
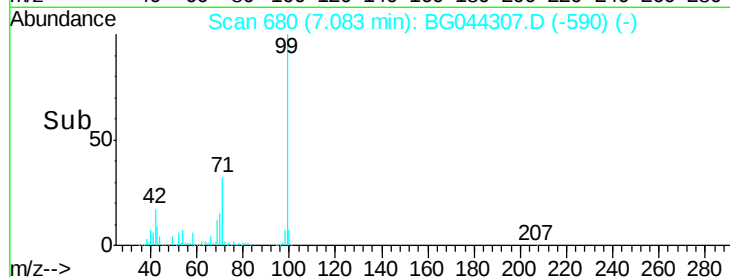
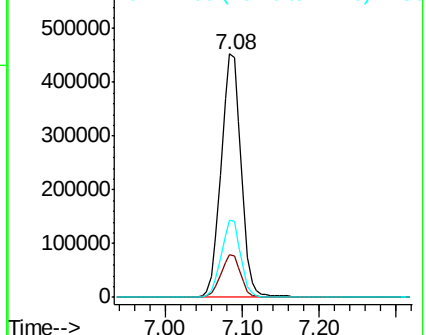


Abundance

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



#10

Phenol

Concen: 2.671 ng

RT: 7.11 min Scan# 685

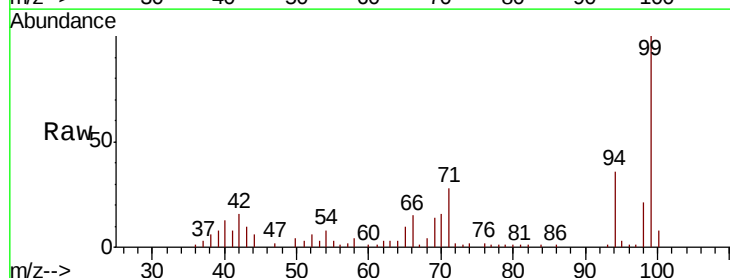
Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

Tgt Ion: 94 Resp: 16051

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.0	47.0
66	41.0	12.7	52.7

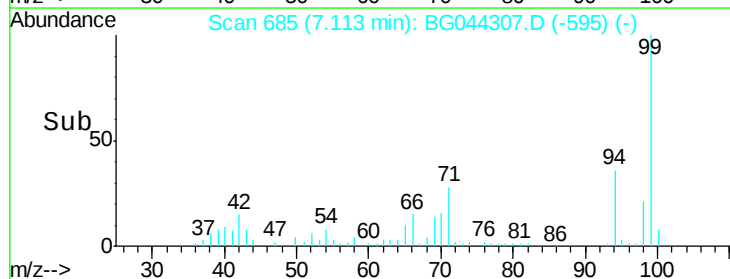
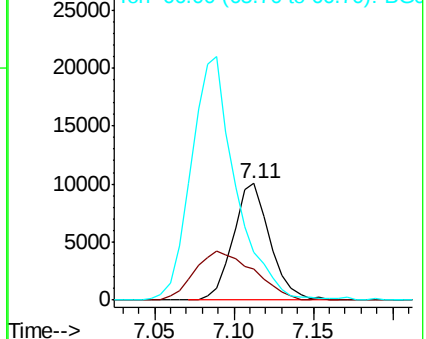


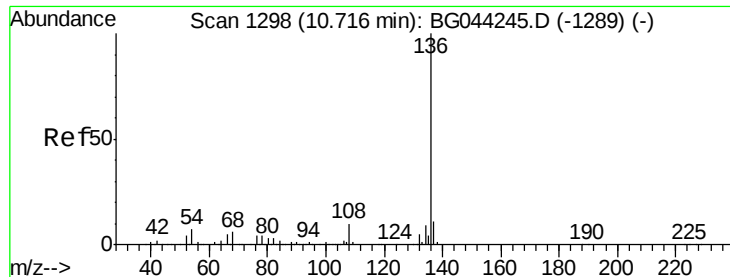
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

Instrument :

BNA_G

ClientSampleId :

SB-2

Tot Ion:136 Resp: 333568

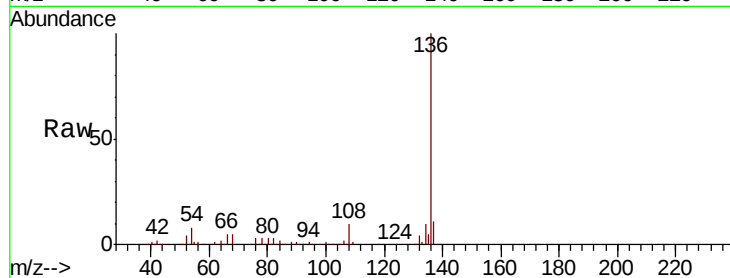
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.7 5.8 8.8

68 5.1 4.6 6.8

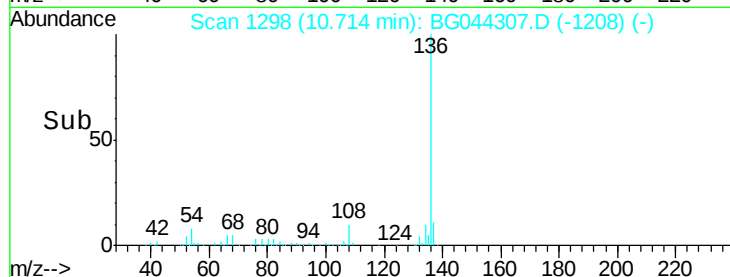


Abundance Ion 136.00 (135.70 to 136.70): E

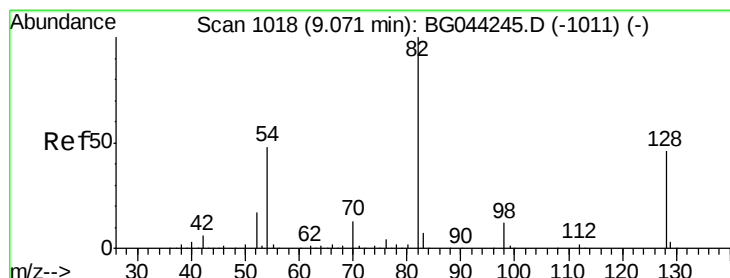
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#23

Nitrobenzene-d5

Concen: 83.719 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

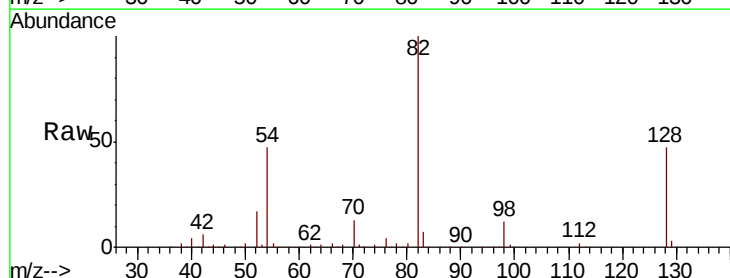
Tgt Ion: 82 Resp: 494646

Ion Ratio Lower Upper

82 100

128 46.7 36.5 54.7

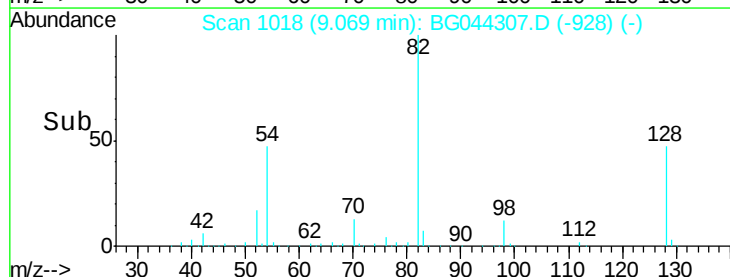
54 47.0 38.6 58.0



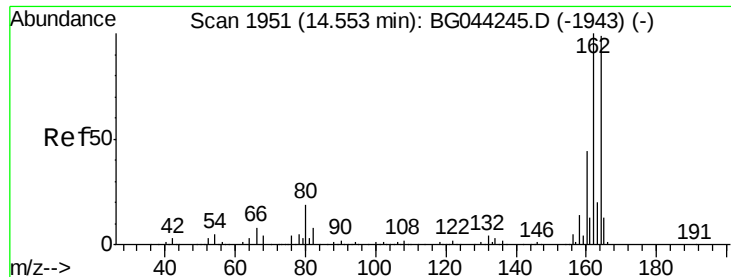
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

Instrument :

BNA_G

ClientSampleId :

SB-2

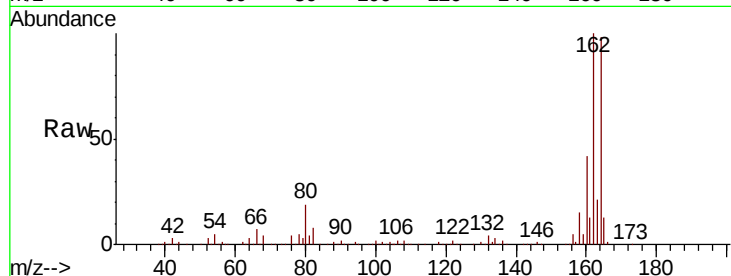
Tot Ion:164 Resp: 233379

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

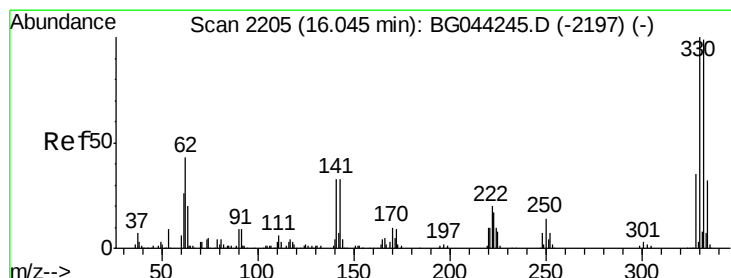
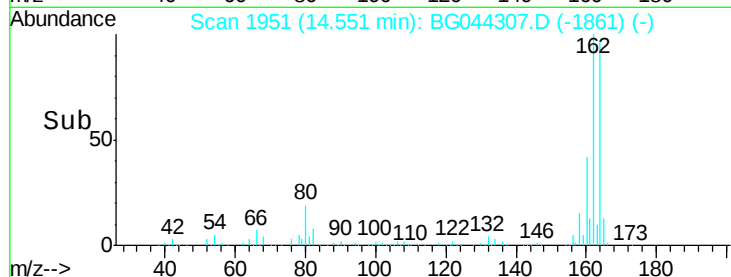
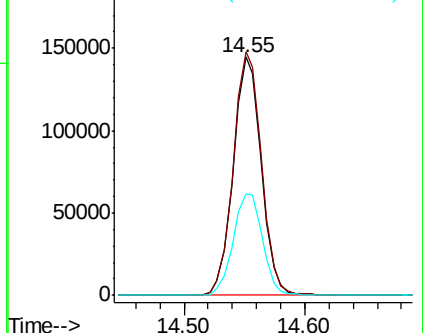
160 42.6 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 134.318 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

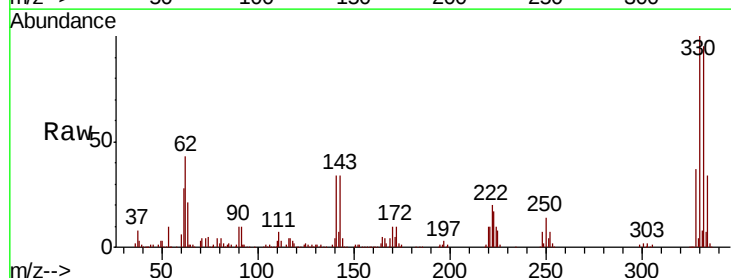
Tgt Ion:330 Resp: 367996

Ion Ratio Lower Upper

330 100

332 94.6 77.2 115.8

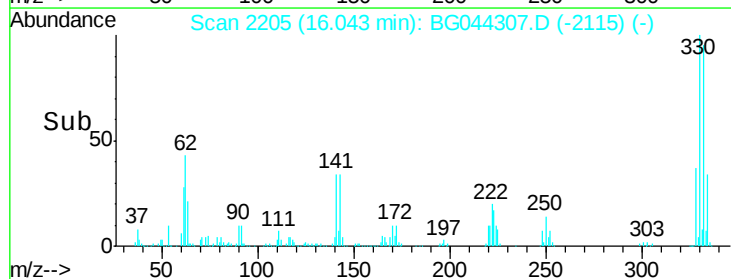
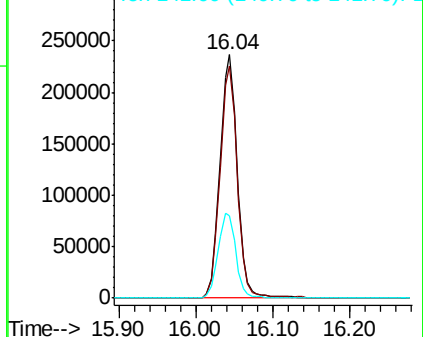
141 35.8 28.3 42.5



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

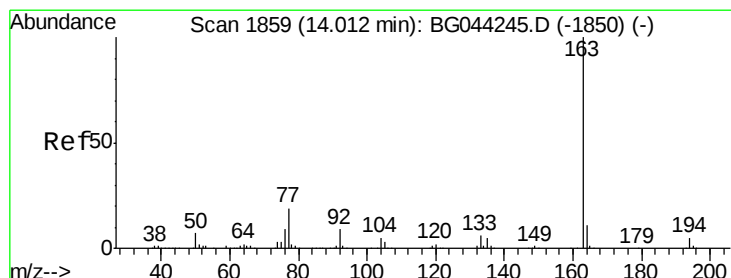
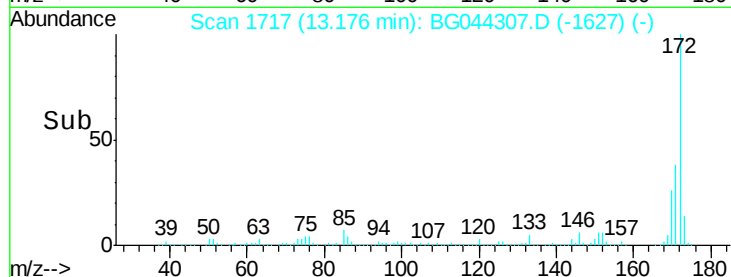
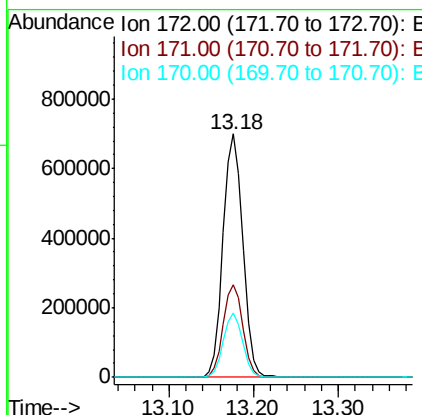
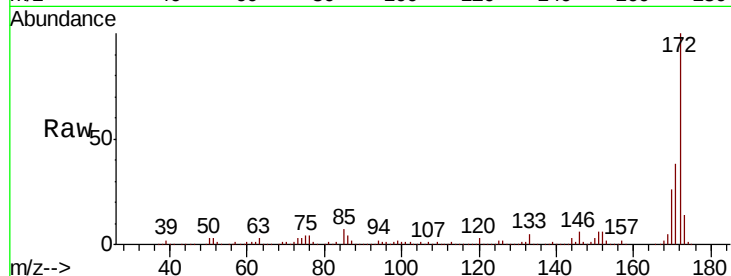




#45
2-Fluorobiphenyl
Concen: 81.682 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044307.D
Acq: 5 Feb 2020 16:47

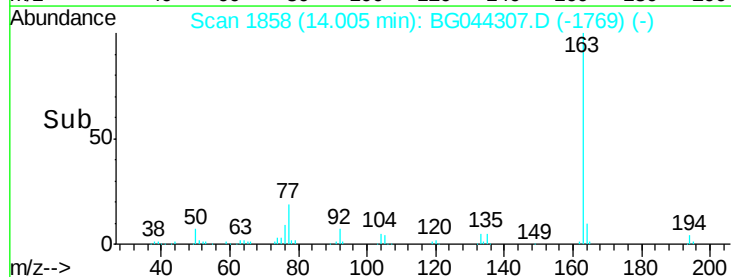
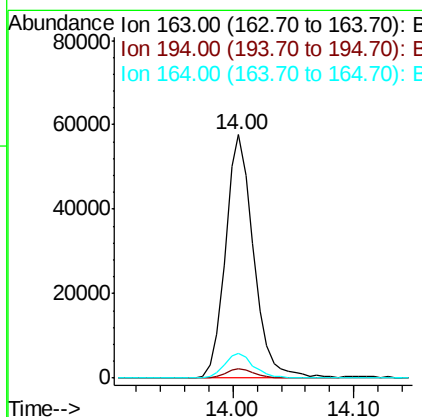
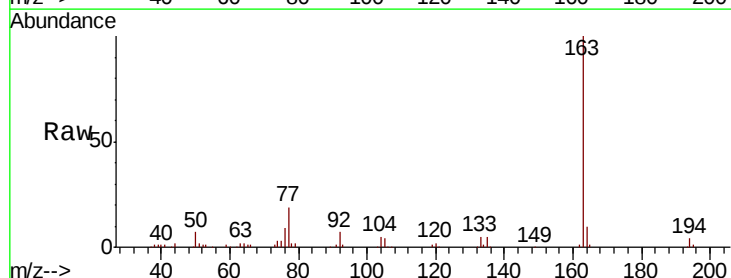
Instrument :
BNA_G
ClientSampleId :
SB-2

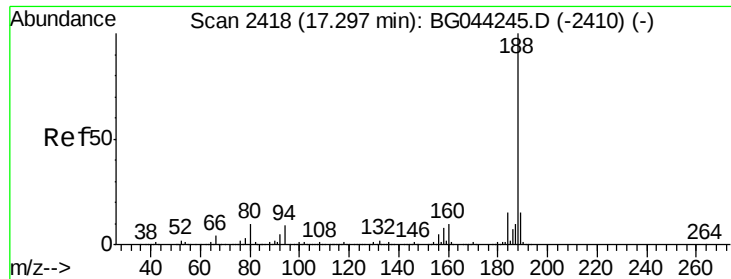
Tot Ion:172 Resp: 1138387
Ion Ratio Lower Upper
172 100
171 38.0 32.9 49.3
170 26.3 22.0 33.0



#50
Dimethylphthalate
Concen: 5.542 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044307.D
Acq: 5 Feb 2020 16:47

Tgt Ion:163 Resp: 92974
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 10.3 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

Instrument :

BNA_G

ClientSampleId :

SB-2

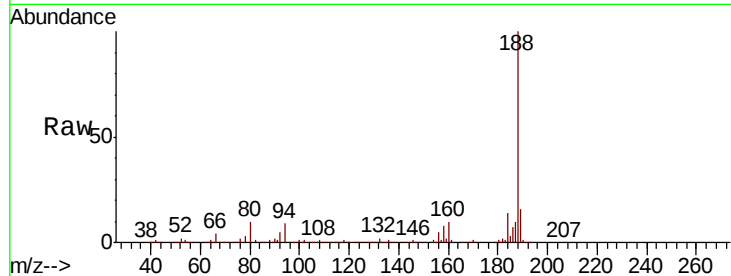
Tot Ion:188 Resp: 547293

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

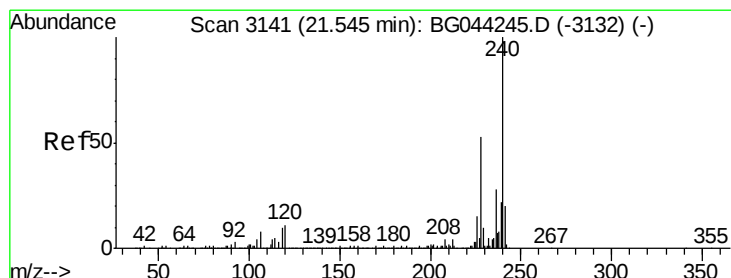
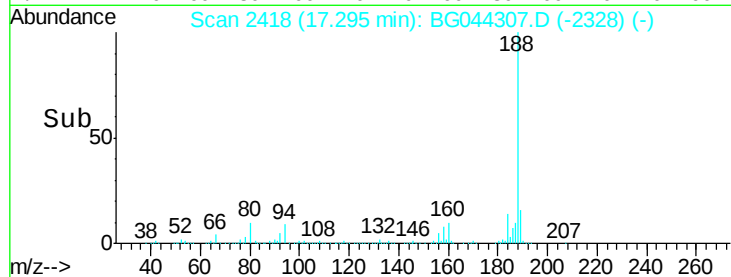
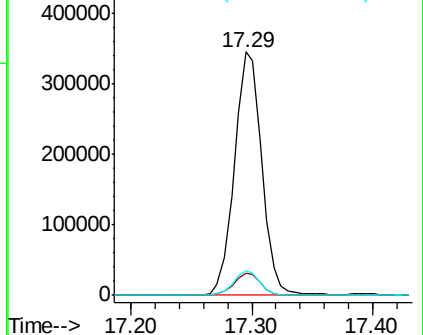
80 10.1 7.7 11.5



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: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

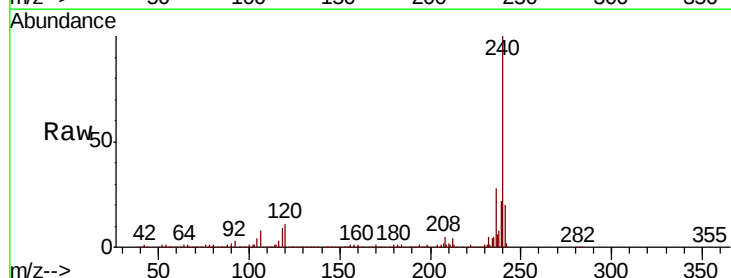
Tgt Ion:240 Resp: 500569

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

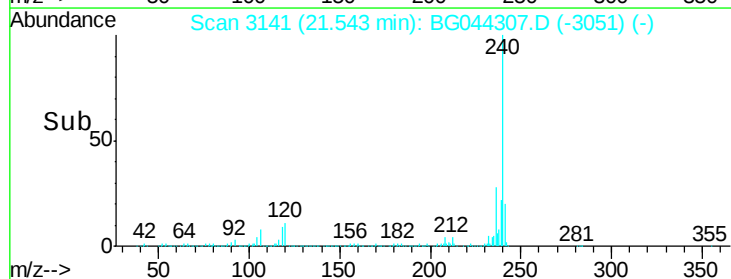
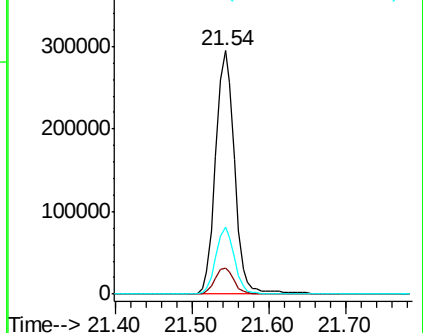
236 27.7 22.1 33.1

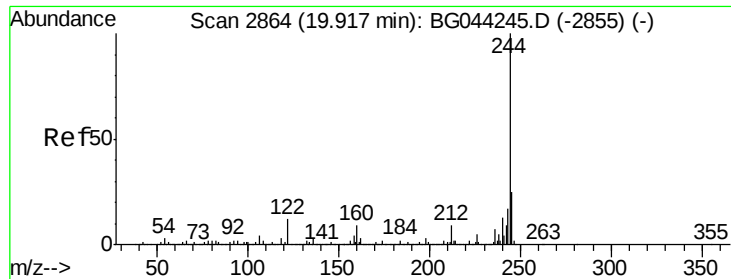


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.816 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

Instrument :

BNA_G

ClientSampleId :

SB-2

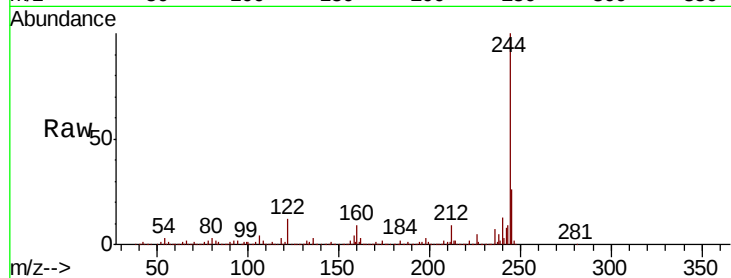
Tot Ion:244 Resp: 1893755

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.2

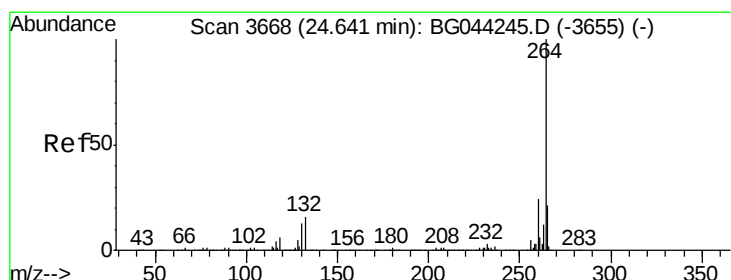
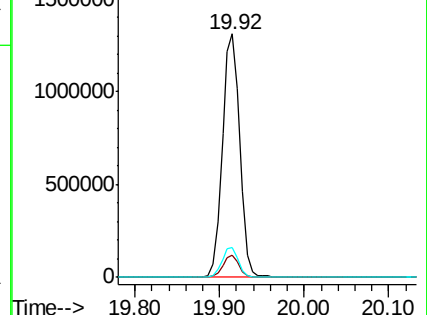
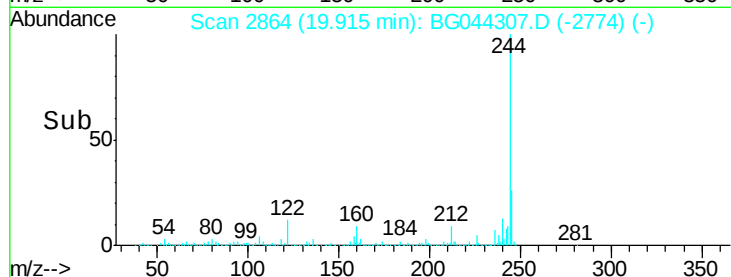
122 12.4 9.8 14.6



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: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

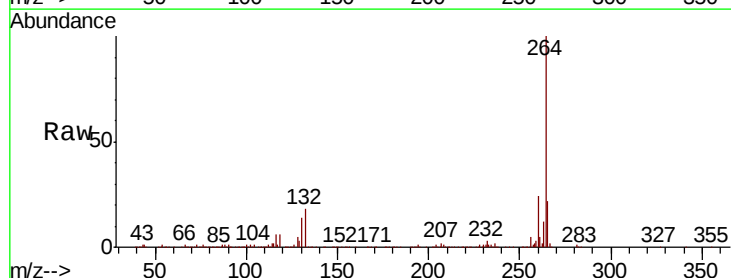
Tgt Ion:264 Resp: 556318

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.8 16.7 25.1



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

