

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046607.D
 Acq On : 14 Sep 2020 17:31
 Operator : CG/JU
 Sample : PB131594BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131594BL

Quant Time: Sep 14 18:24:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	64490	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	249607	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	173513	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	452787	20.00	ng	0.00
76) Chrysene-d12	21.55	240	499445	20.00	ng	0.00
86) Perylene-d12	24.65	264	477277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	315977	86.78	ng	0.00
7) Phenol-d6	7.10	99	406175	78.69	ng	0.00
23) Nitrobenzene-d5	9.08	82	264341	60.53	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	188295	80.09	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	745127	65.56	ng	0.00
79) Terphenyl-d14	19.92	244	1339851	57.09	ng	0.00

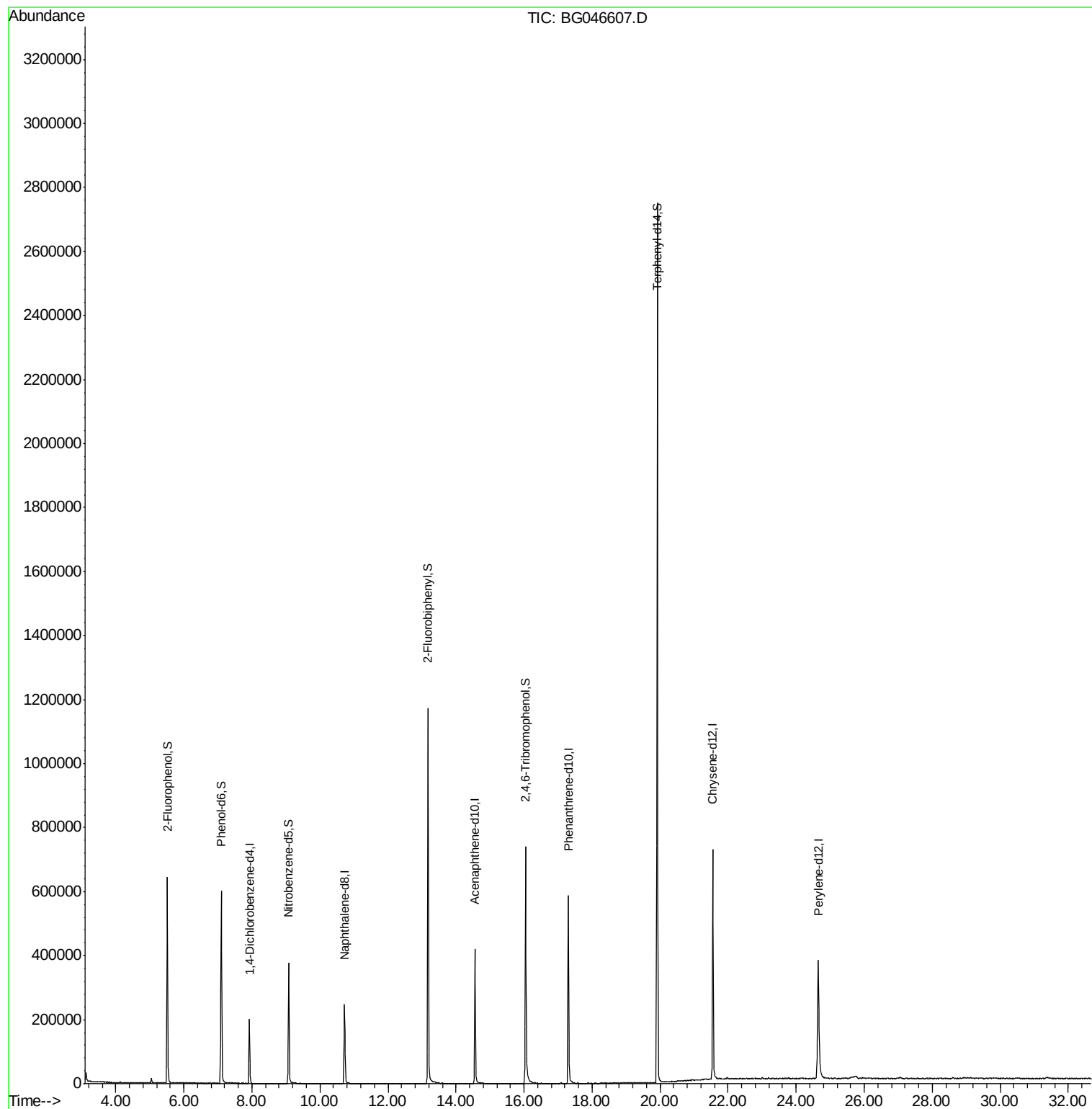
Target Compounds Qvalue

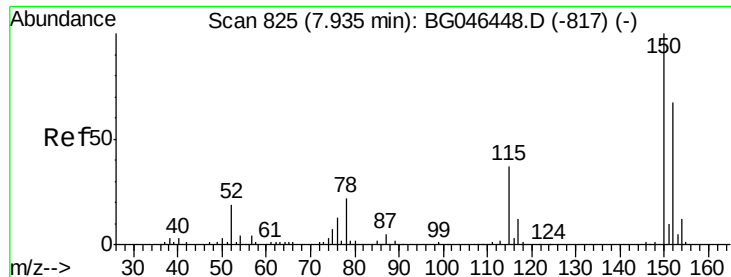
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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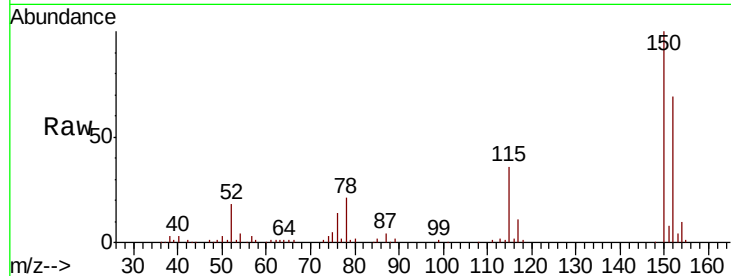


#1

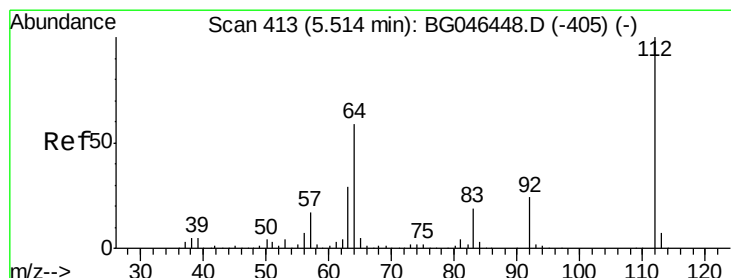
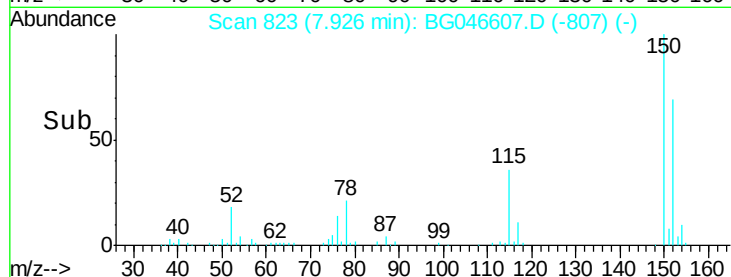
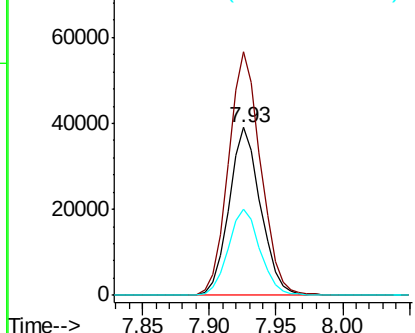
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046607.D
 Acq: 14 Sep 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB131594BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.1	119.5	179.3
115	51.5	44.3	66.5



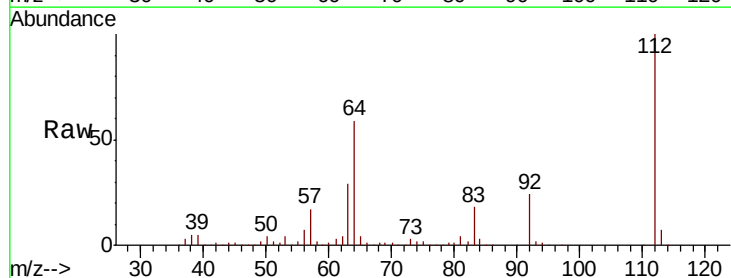
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



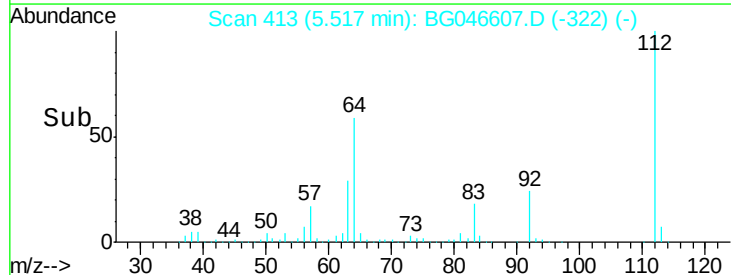
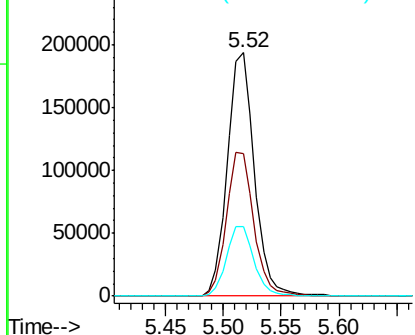
#5

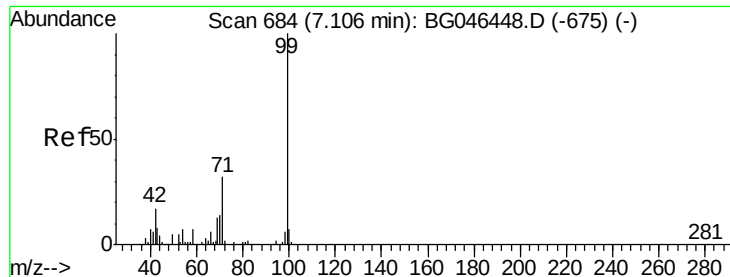
2-Fluorophenol
 Concen: 86.782 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046607.D
 Acq: 14 Sep 2020 17:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.0	70.6
63	28.6	23.5	35.3



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: 78.692 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG046607.D

Acq: 14 Sep 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB131594BL

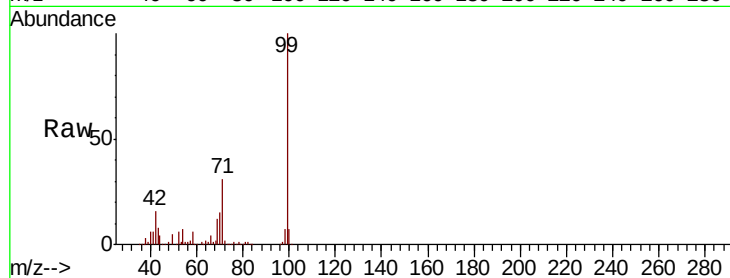
Tot Ion: 99 Resp: 406175

Ion Ratio Lower Upper

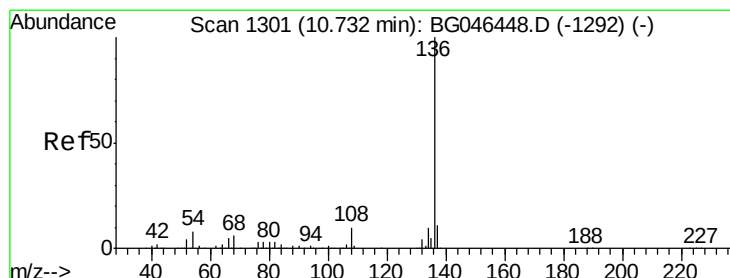
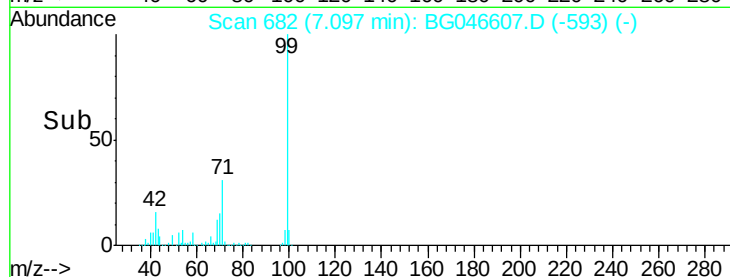
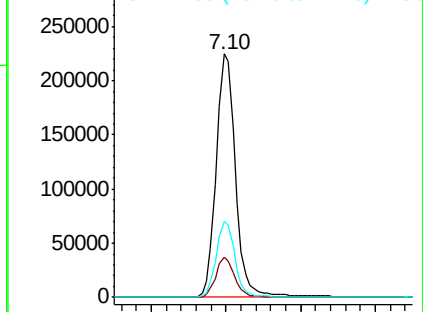
99 100

42 16.3 13.3 19.9

71 31.2 25.3 37.9



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: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG046607.D

Acq: 14 Sep 2020 17:31

Tgt Ion: 136 Resp: 249607

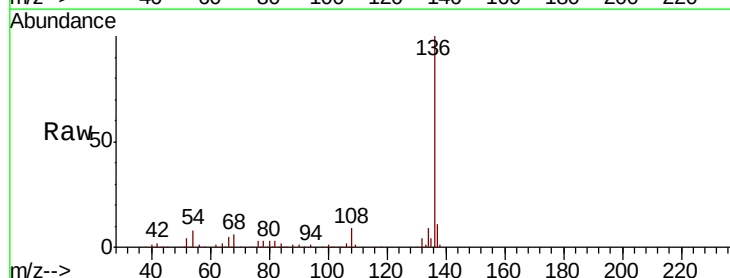
Ion Ratio Lower Upper

136 100

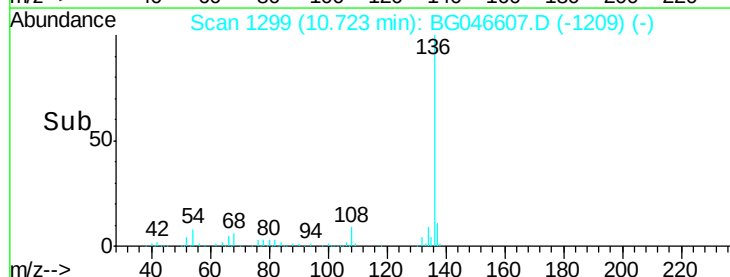
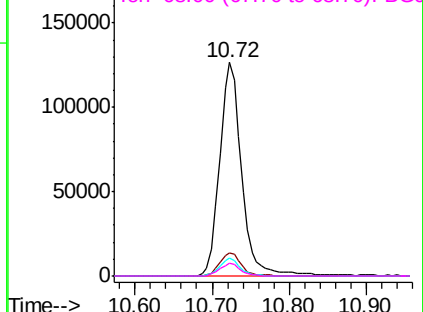
137 10.7 8.8 13.2

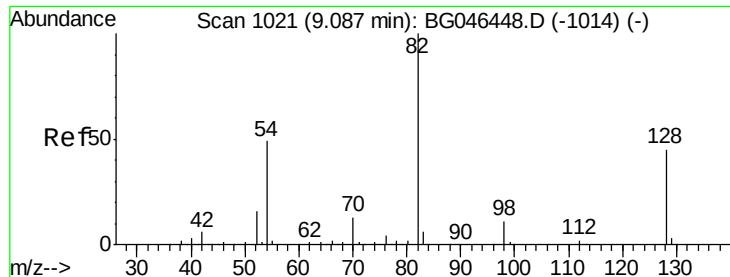
54 8.1 6.1 9.1

68 5.8 4.8 7.2



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

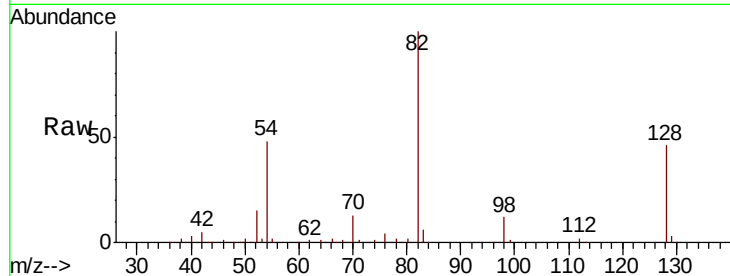




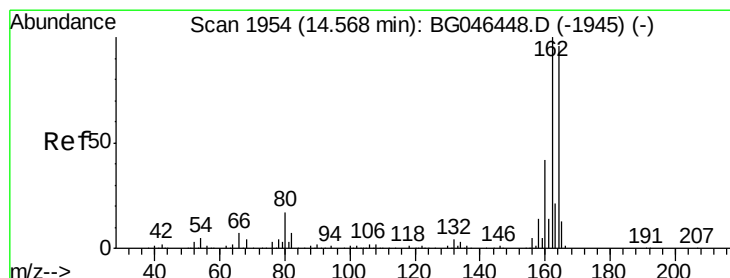
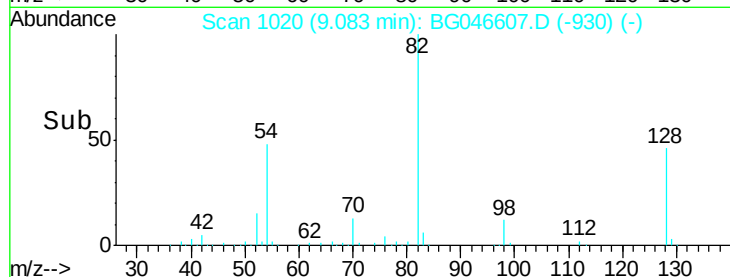
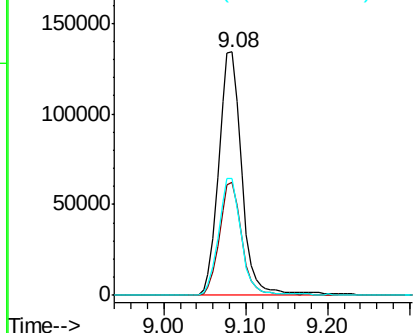
#23
Nitrobenzene-d5
Concen: 60.529 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046607.D
Acq: 14 Sep 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB131594BL

Tot Ion: 82 Resp: 264341
Ion Ratio Lower Upper
82 100
128 46.3 35.7 53.5
54 48.0 39.4 59.0

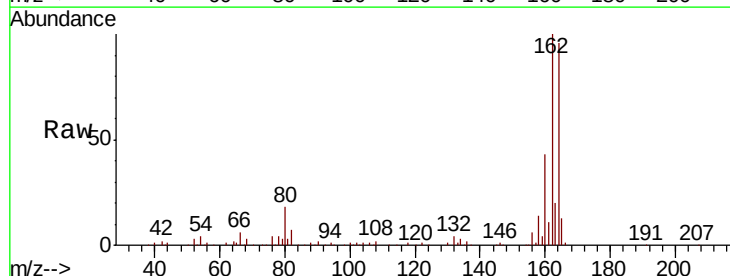


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

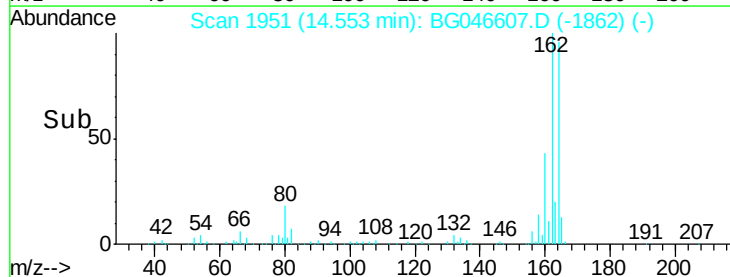
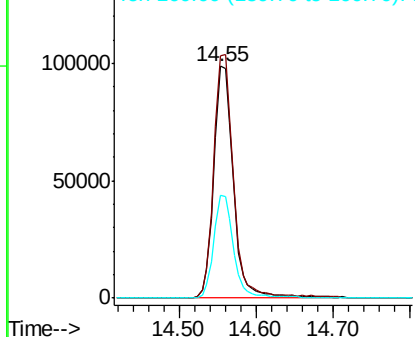


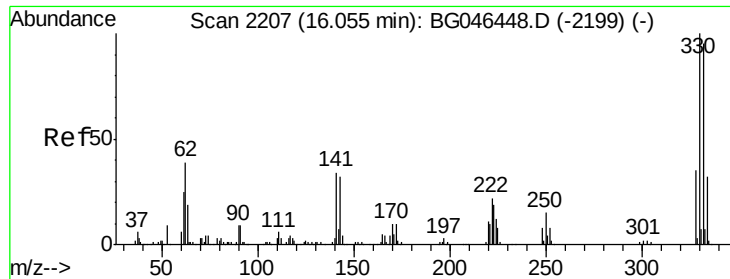
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG046607.D
Acq: 14 Sep 2020 17:31

Tgt Ion: 164 Resp: 173513
Ion Ratio Lower Upper
164 100
162 104.5 83.3 124.9
160 44.7 35.0 52.6



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: 80.092 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046607.D

Acq: 14 Sep 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB131594BL

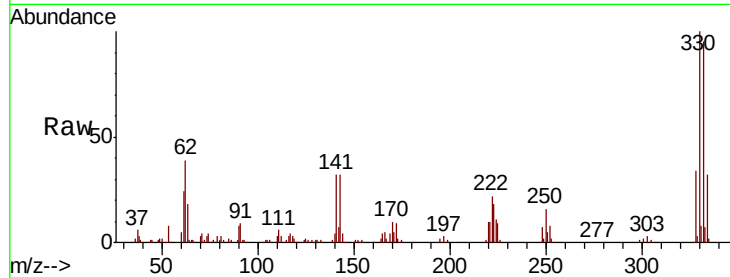
Tot Ion:330 Resp: 188295

Ion Ratio Lower Upper

330 100

332 97.3 76.1 114.1

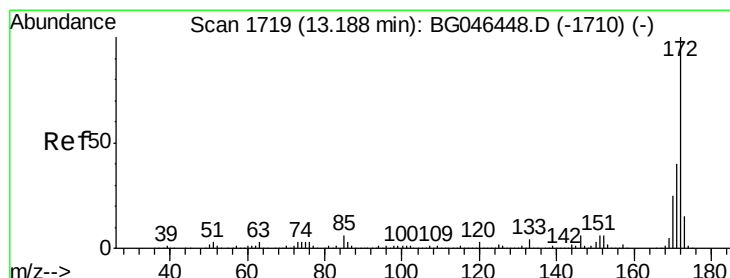
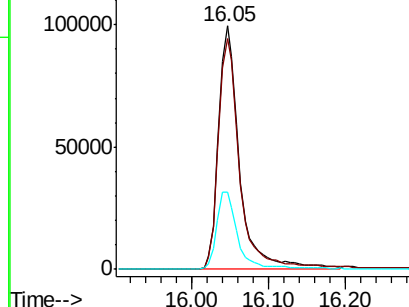
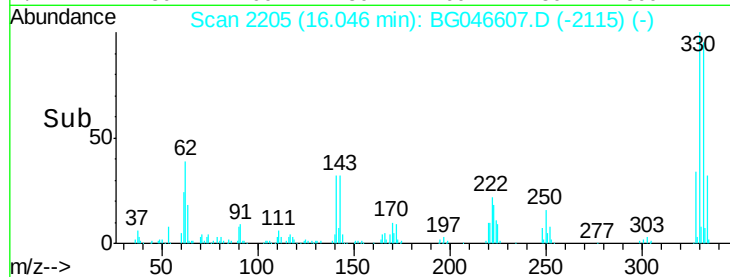
141 32.2 26.1 39.1



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: 65.556 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG046607.D

Acq: 14 Sep 2020 17:31

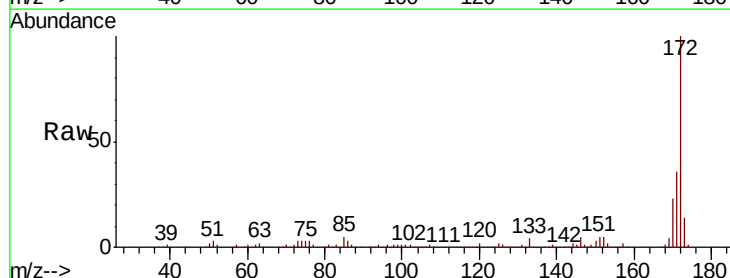
Tgt Ion:172 Resp: 745127

Ion Ratio Lower Upper

172 100

171 36.2 31.8 47.6

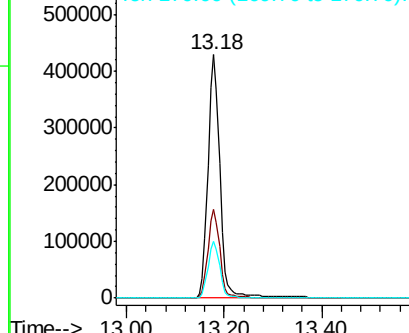
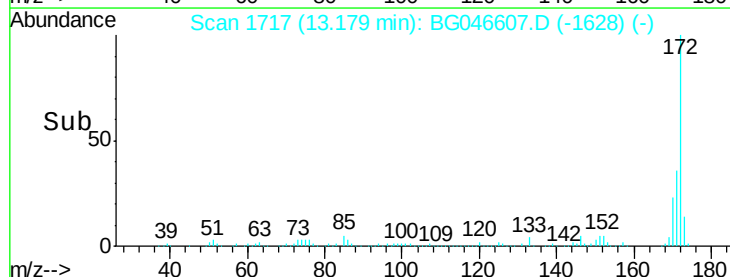
170 23.4 20.3 30.5

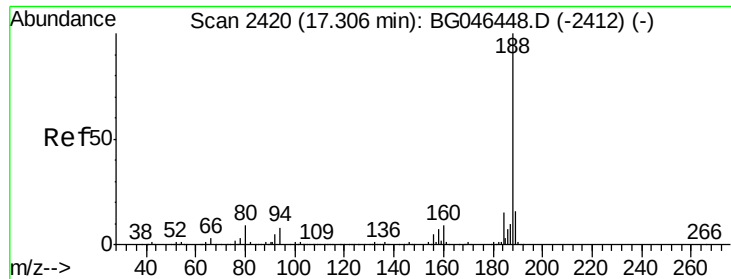


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

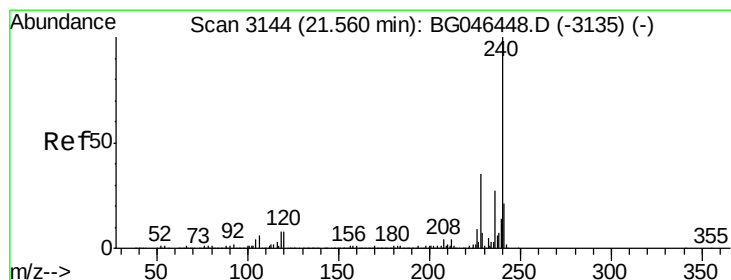
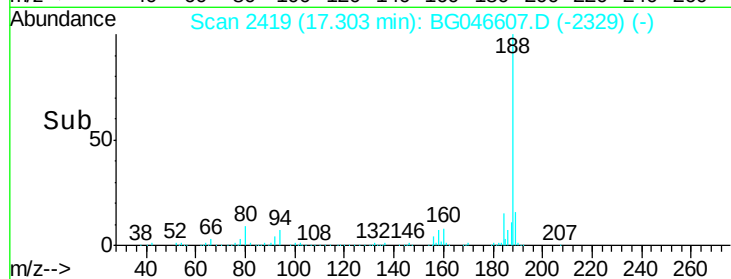
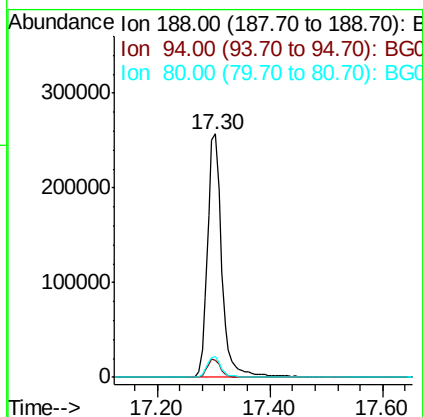
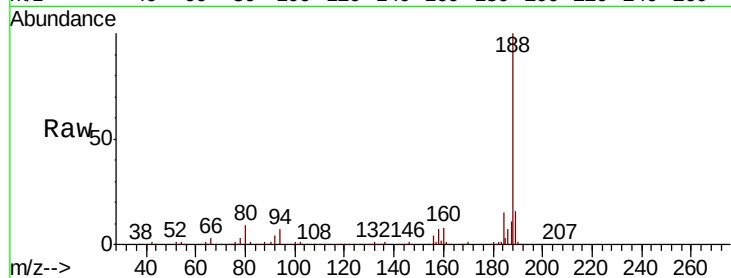




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046607.D
Acq: 14 Sep 2020 17:31

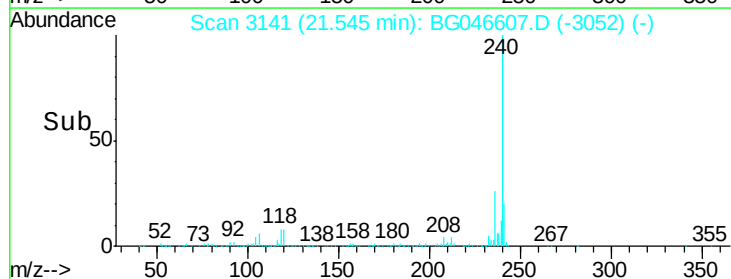
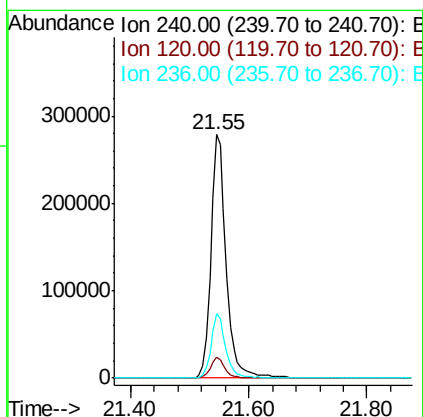
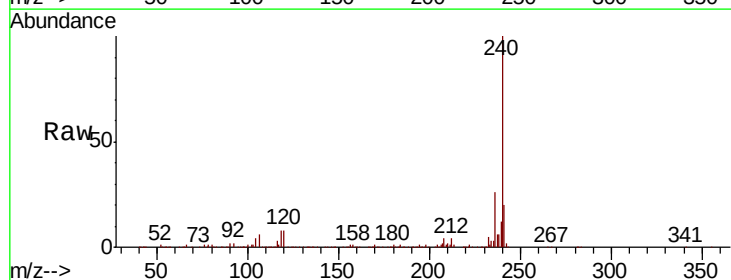
Instrument :
BNA_G
ClientSampleId :
PB131594BL

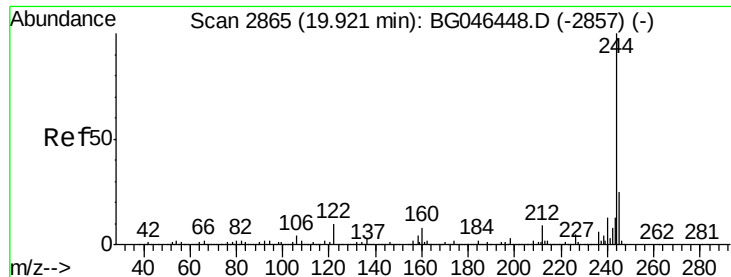
Tot Ion:188 Resp: 452787
Ion Ratio Lower Upper
188 100
94 7.2 6.3 9.5
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046607.D
Acq: 14 Sep 2020 17:31

Tgt Ion:240 Resp: 499445
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 57.092 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046607.D

Acq: 14 Sep 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB131594BL

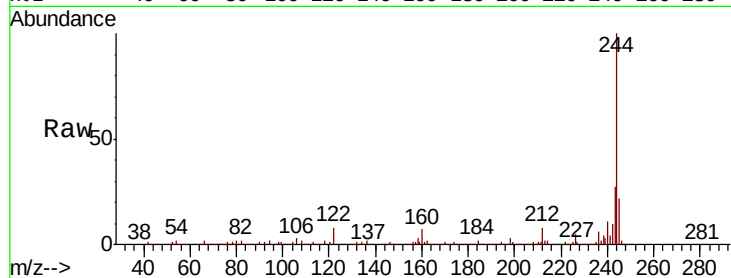
Tot Ion:244 Resp: 1339851

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

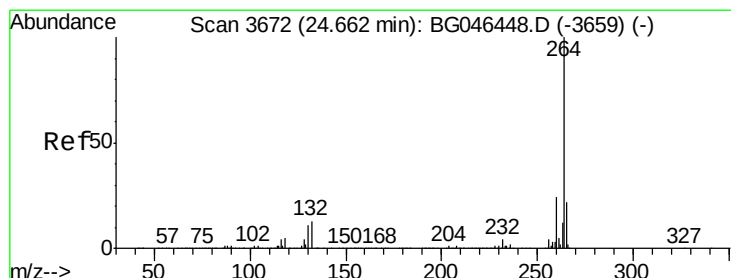
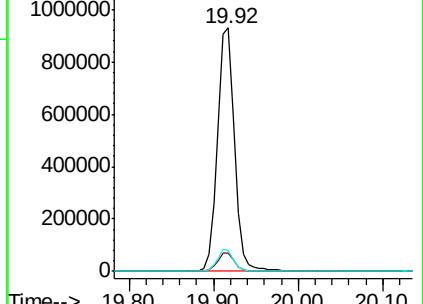
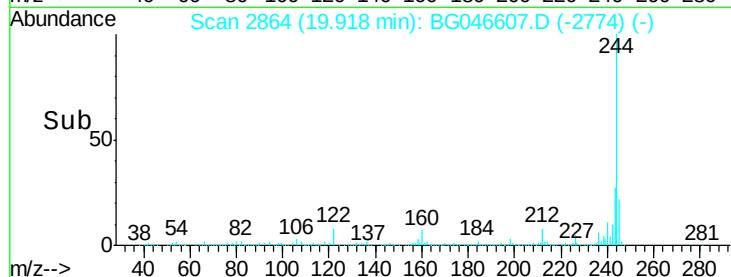
122 8.3 8.2 12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046607.D

Acq: 14 Sep 2020 17:31

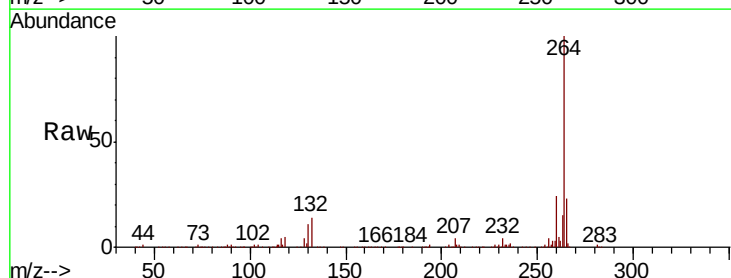
Tgt Ion:264 Resp: 477277

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.5 17.9 26.9



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

