

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046670.D
 Acq On : 18 Sep 2020 15:19
 Operator : CG/JU
 Sample : PB131713BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131713BL

Quant Time: Sep 18 16:19:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	54286	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	207454	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	138836	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	365097	20.00	ng	0.00
76) Chrysene-d12	21.54	240	445685	20.00	ng	0.00
86) Perylene-d12	24.64	264	425878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	337577	110.14	ng	0.00
7) Phenol-d6	7.09	99	425284	97.88	ng	0.00
23) Nitrobenzene-d5	9.07	82	278553	76.74	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	190051	101.03	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	746317	82.06	ng	0.00
79) Terphenyl-d14	19.91	244	1452694	69.37	ng	0.00

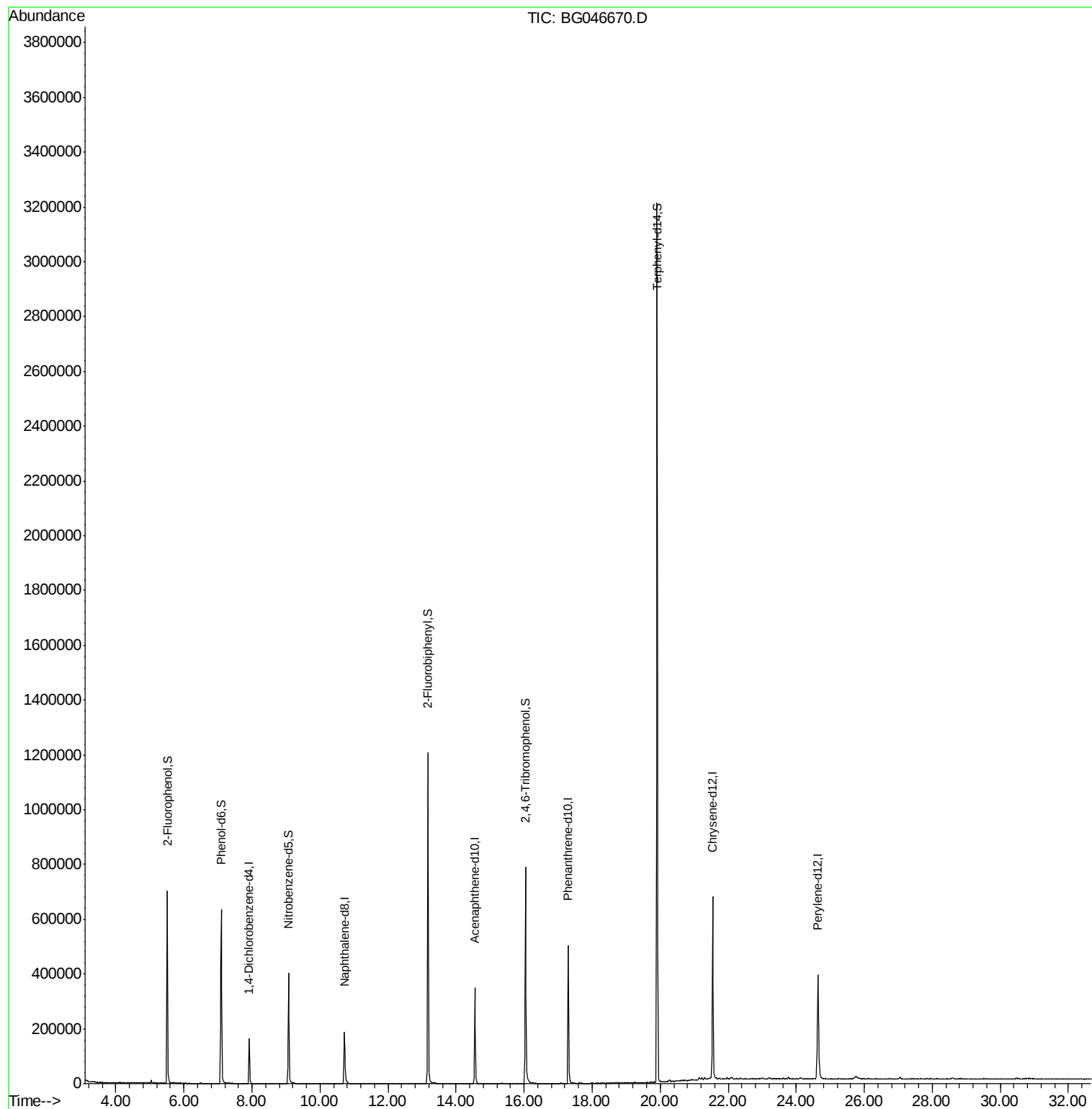
Target Compounds Qvalue

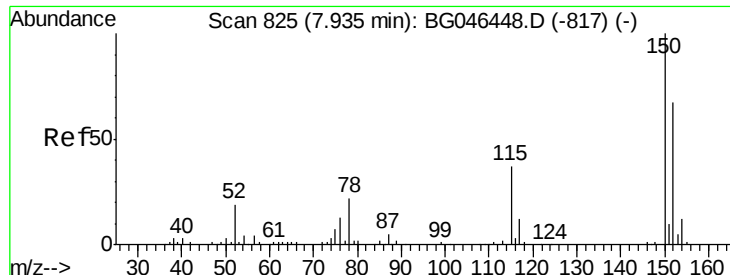
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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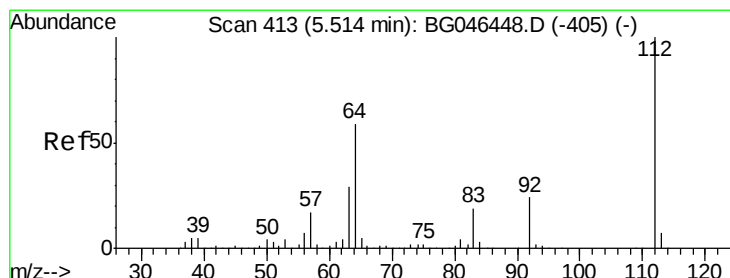
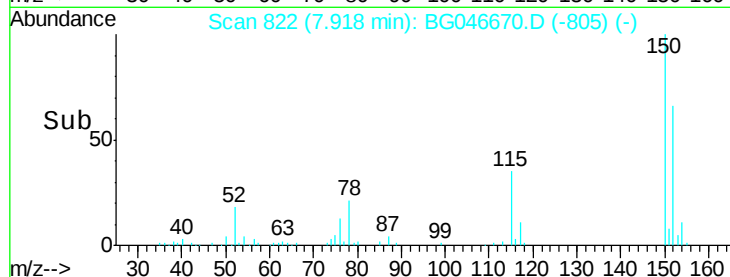
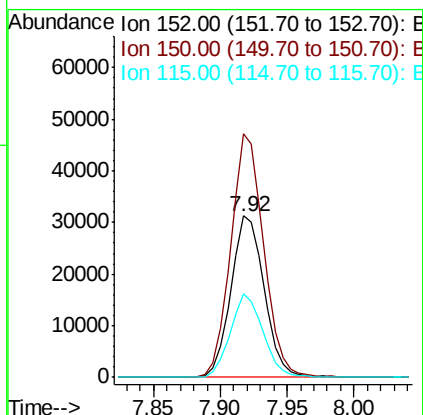
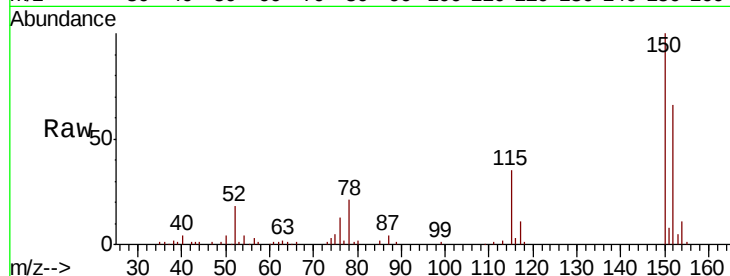


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG046670.D
Acq: 18 Sep 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB131713BL

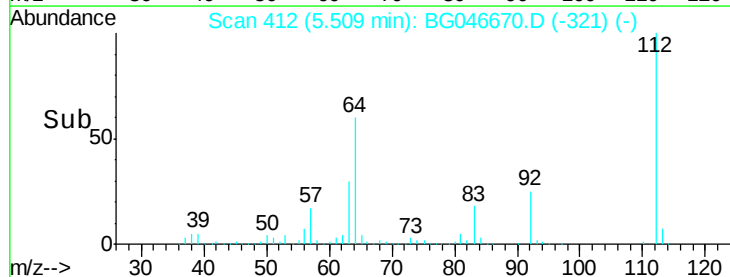
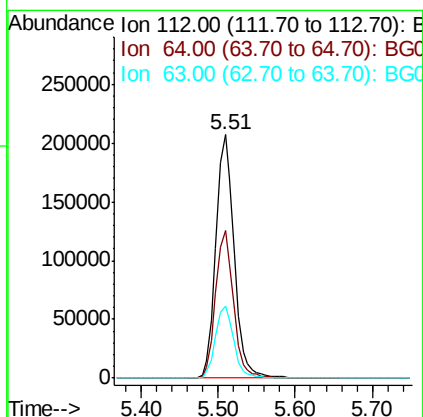
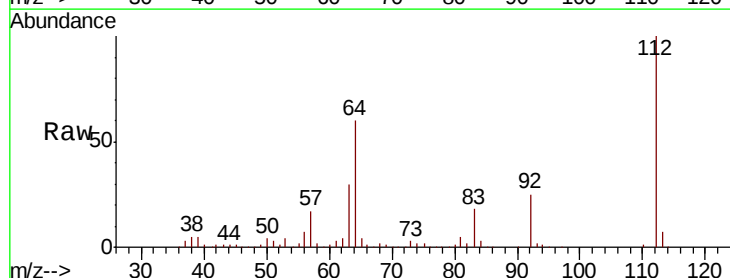
Tot Ion:152 Resp: 54286
Ion Ratio Lower Upper
152 100
150 151.0 125.0 187.6
115 52.1 41.8 62.6



#5

2-Fluorophenol
Concen: 110.141 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG046670.D
Acq: 18 Sep 2020 15:19

Tgt Ion:112 Resp: 337577
Ion Ratio Lower Upper
112 100
64 60.4 46.7 70.1
63 29.7 22.8 34.2





#7

Phenol-d6

Concen: 97.881 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046670.D

Acq: 18 Sep 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB131713BL

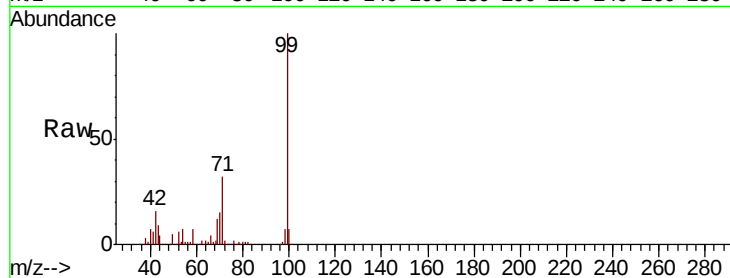
Tot Ion: 99 Resp: 425284

Ion Ratio Lower Upper

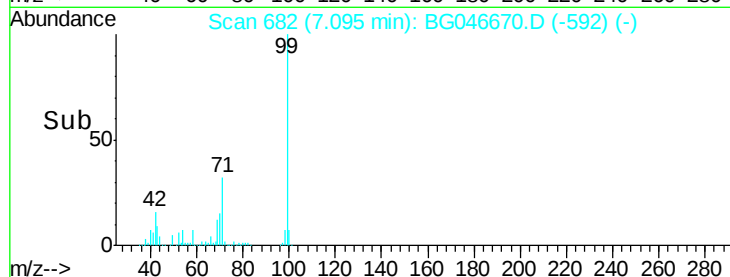
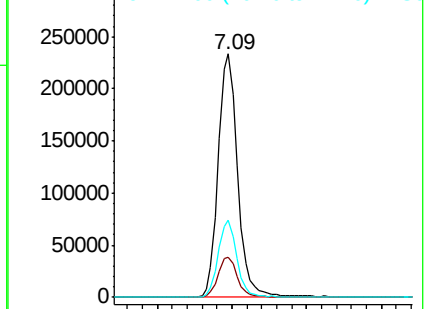
99 100

42 16.4 12.8 19.2

71 31.6 24.6 36.8



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: BG046670.D

Acq: 18 Sep 2020 15:19

Tgt Ion: 136 Resp: 207454

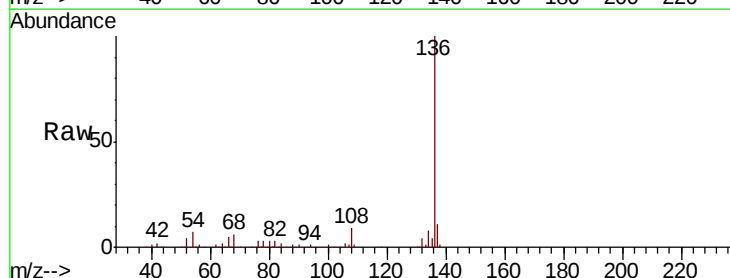
Ion Ratio Lower Upper

136 100

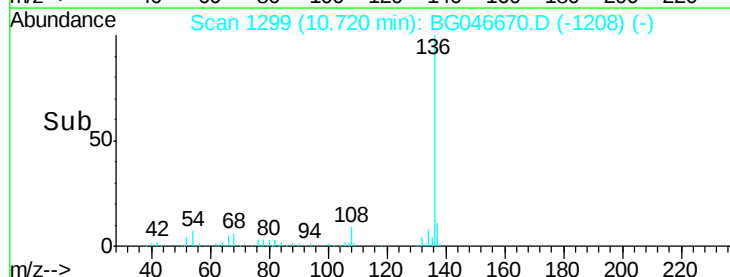
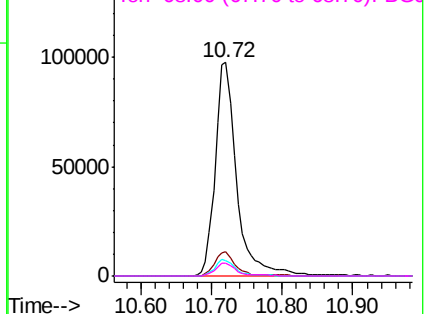
137 11.3 9.1 13.7

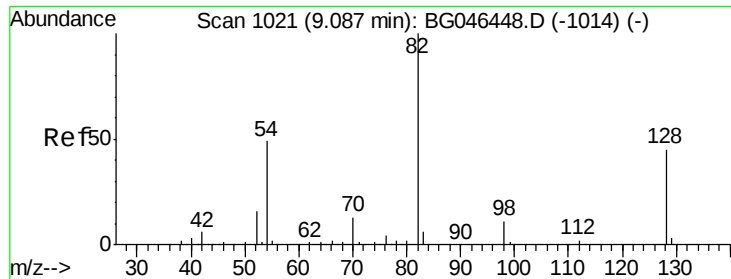
54 7.4 6.2 9.4

68 6.0 5.0 7.4



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

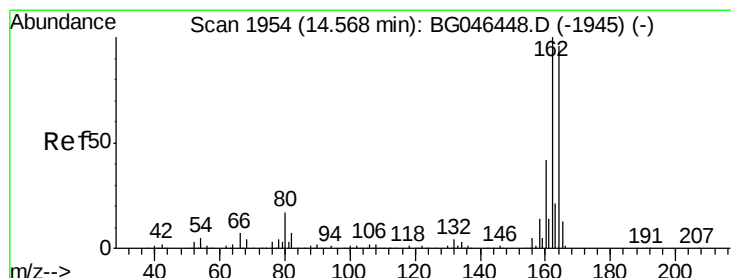
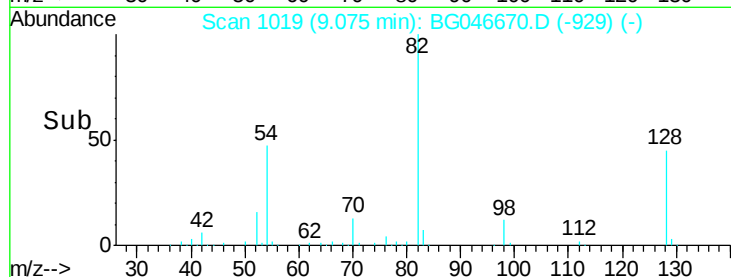
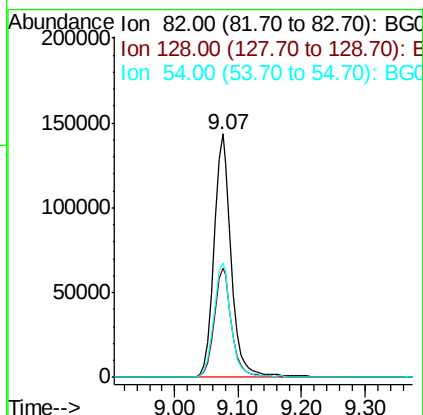
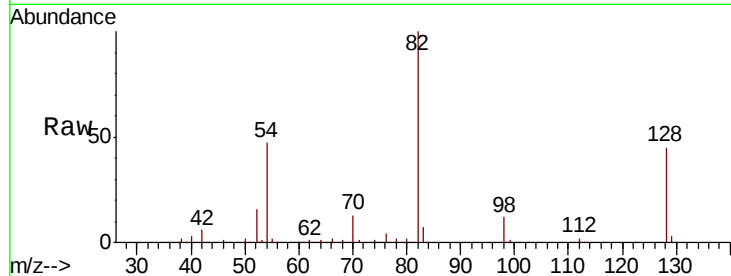




#23
 Nitrobenzene-d5
 Concen: 76.743 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG046670.D
 Acq: 18 Sep 2020 15:19

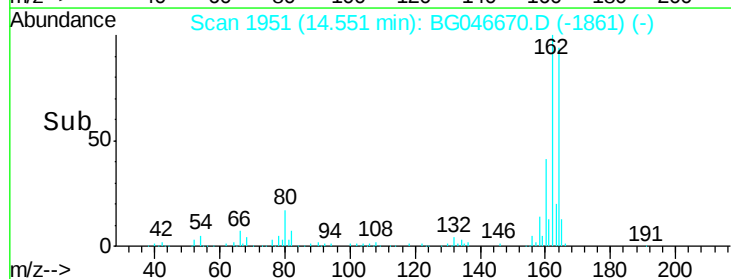
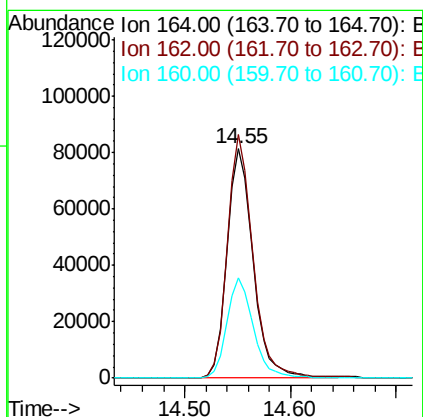
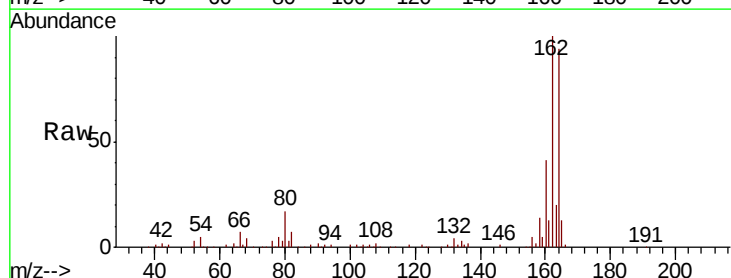
Instrument :
 BNA_G
 ClientSampleId :
 PB131713BL

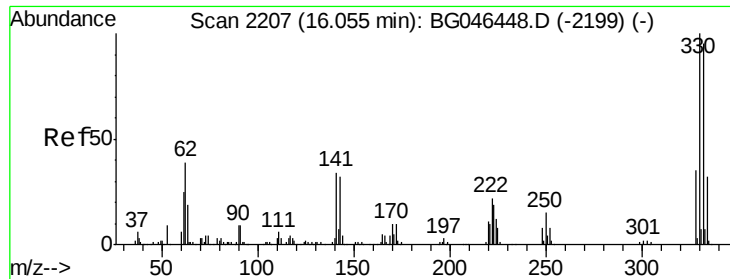
Tot Ion	82	Resp	278553
Ion Ratio	100	Lower	Upper
128	44.8	37.0	55.6
54	47.2	39.0	58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG046670.D
 Acq: 18 Sep 2020 15:19

Tgt Ion	164	Resp	138836
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	106.2	82.3	123.5
160	44.0	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 101.030 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046670.D

Acq: 18 Sep 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB131713BL

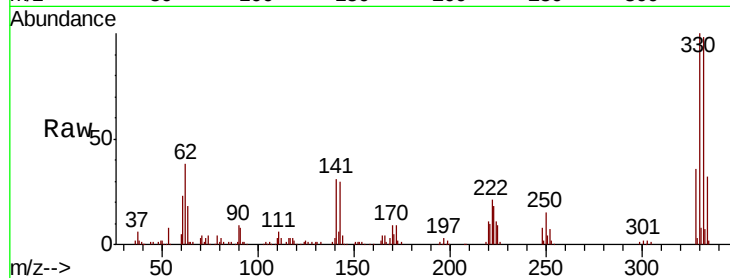
Tot Ion:330 Resp: 190051

Ion Ratio Lower Upper

330 100

332 98.6 76.5 114.7

141 32.5 26.0 39.0

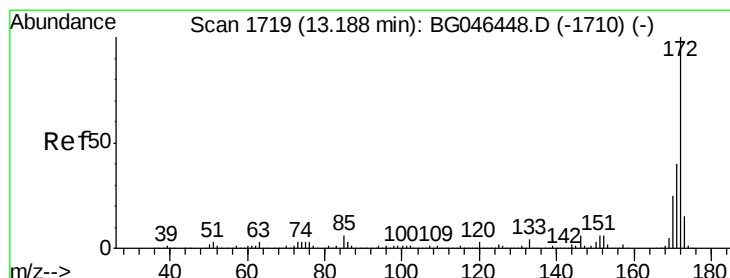
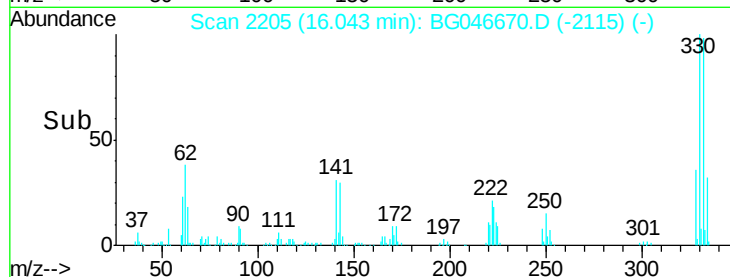
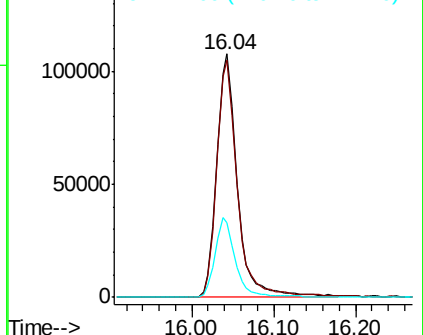


Abundance

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: 82.061 ng

RT: 13.18 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BG046670.D

Acq: 18 Sep 2020 15:19

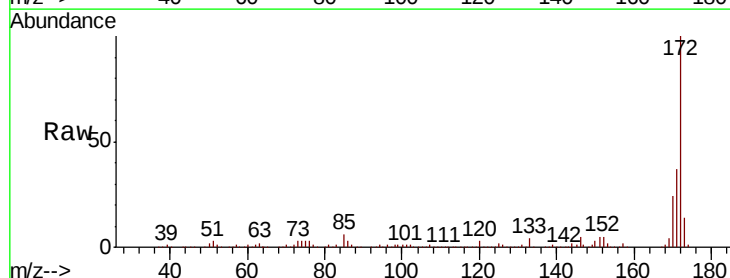
Tgt Ion:172 Resp: 746317

Ion Ratio Lower Upper

172 100

171 37.3 31.3 46.9

170 24.0 20.8 31.2

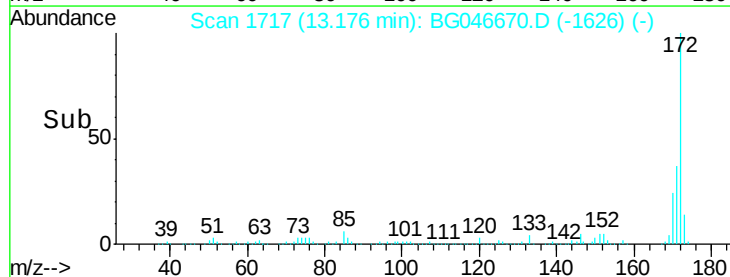
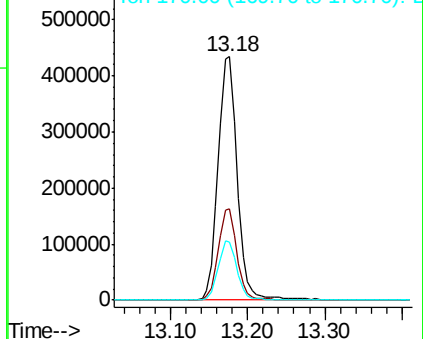


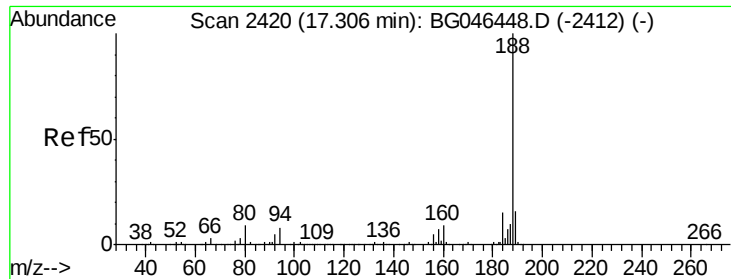
Abundance

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

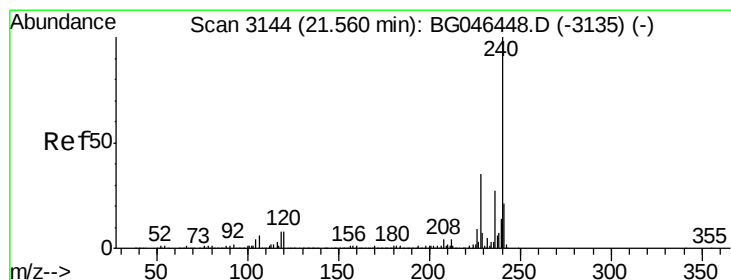
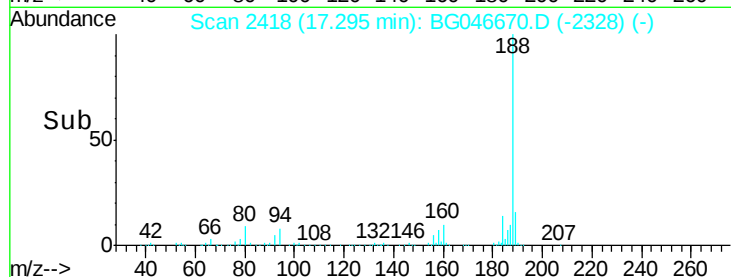
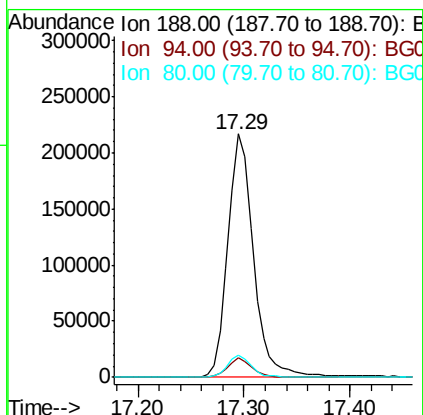
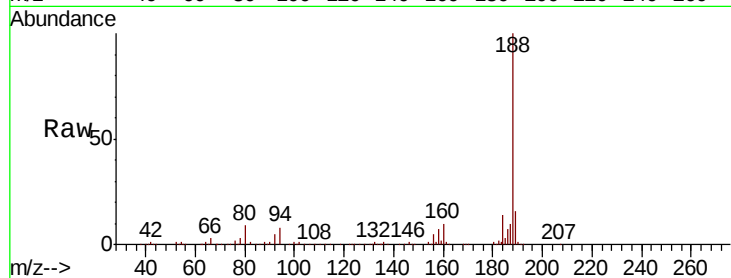




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046670.D
Acq: 18 Sep 2020 15:19

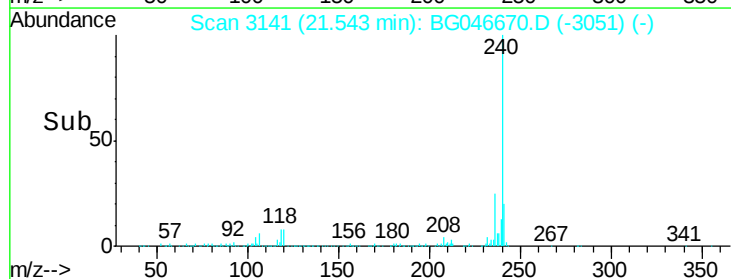
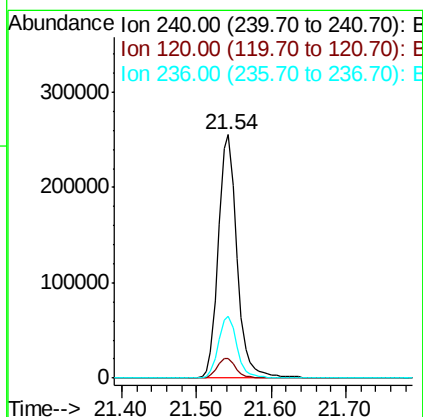
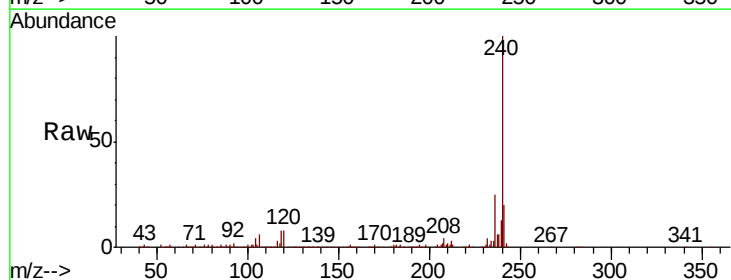
Instrument :
BNA_G
ClientSampleId :
PB131713BL

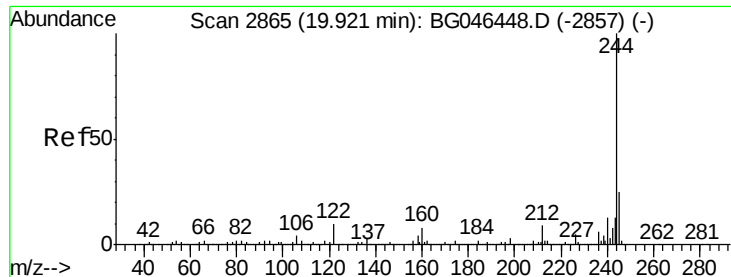
Tot Ion:188 Resp: 365097
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 9.3 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046670.D
Acq: 18 Sep 2020 15:19

Tgt Ion:240 Resp: 445685
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.4
236 25.3 20.5 30.7





#79

Terphenyl-d14

Concen: 69.367 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046670.D

Acq: 18 Sep 2020 15:19

Instrument :

BNA_G

ClientSampled :

PB131713BL

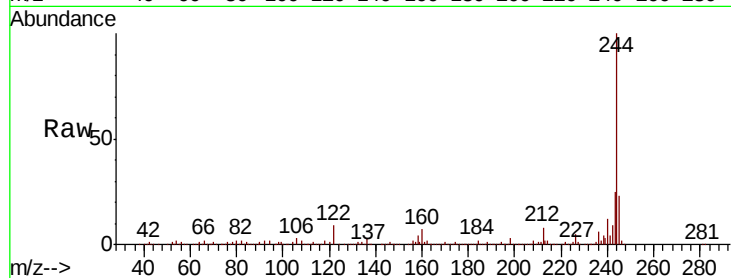
Tot Ion:244 Resp: 1452694

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

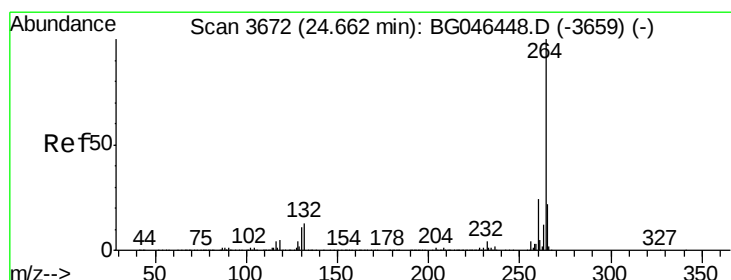
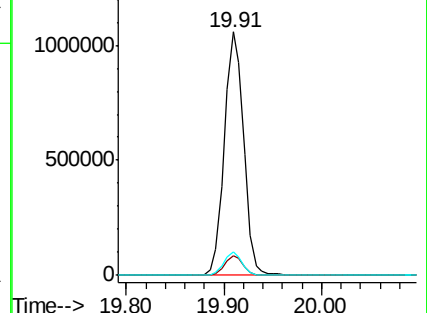
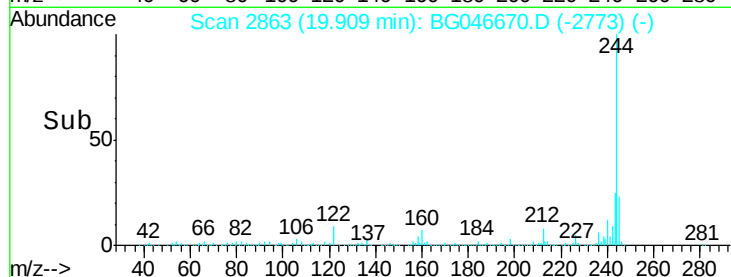
122 9.4 7.8 11.6



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG046670.D

Acq: 18 Sep 2020 15:19

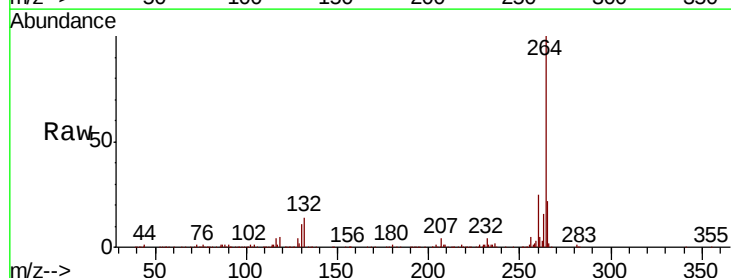
Tgt Ion:264 Resp: 425878

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 22.2 17.8 26.8



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

