

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
 Data File : BG046158.D
 Acq On : 3 Aug 2020 20:45
 Operator : CG/JU
 Sample : L3523-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200447-FIELD-BLANK

Quant Time: Aug 04 01:21:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	89111	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	358504	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	241927	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	572561	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	639513	20.00	ng	-0.01
86) Perylene-d12	24.67	264	652838	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	411856	80.34	ng	0.00
7) Phenol-d6	7.12	99	351119	50.26	ng	0.00
23) Nitrobenzene-d5	9.10	82	568352	85.83	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	433542	116.67	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1335909	80.21	ng	0.00
79) Terphenyl-d14	19.94	244	2142243	68.22	ng	0.00

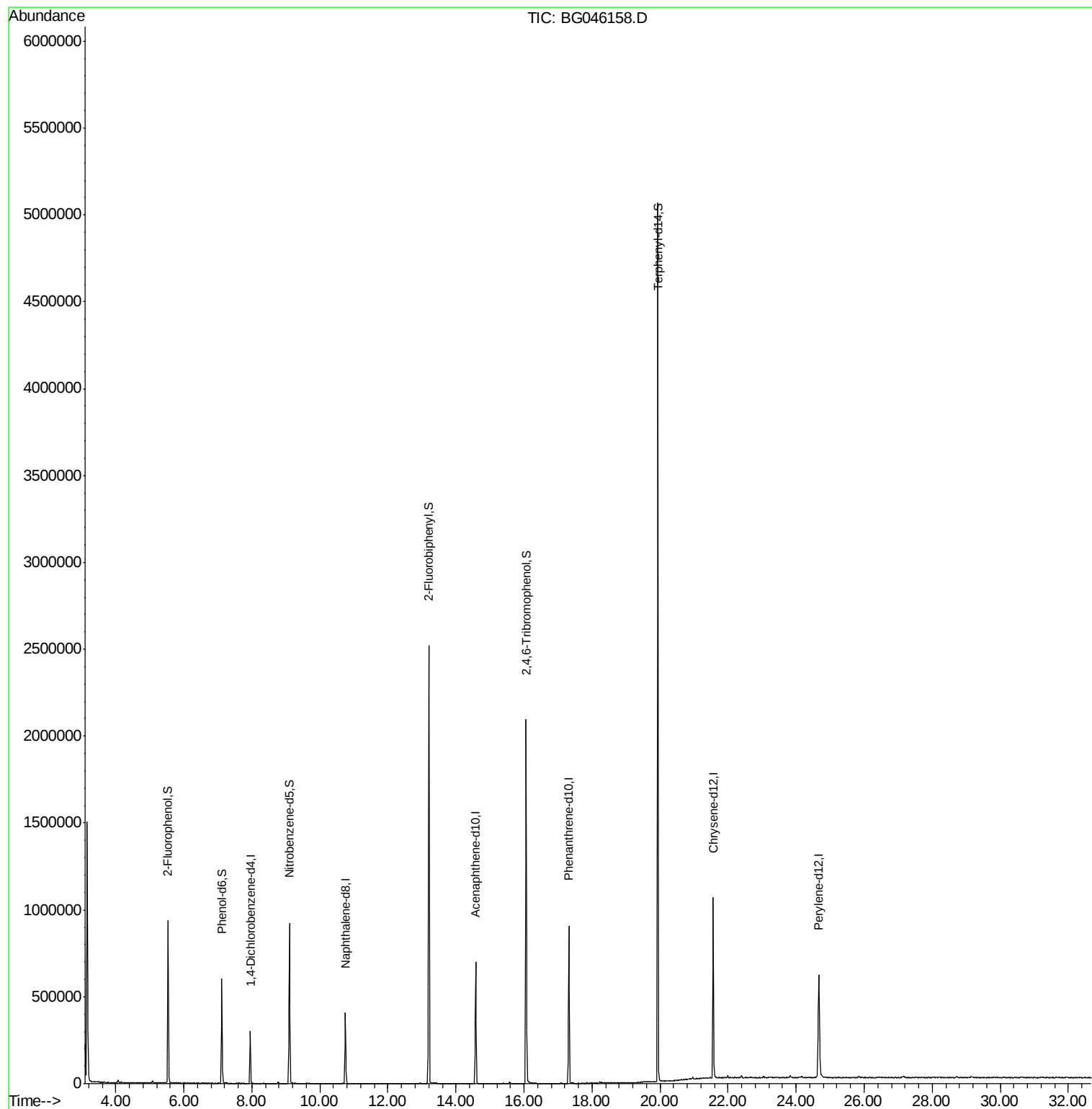
Target Compounds	Qvalue
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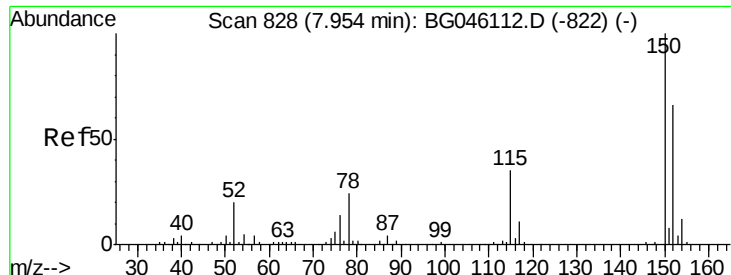
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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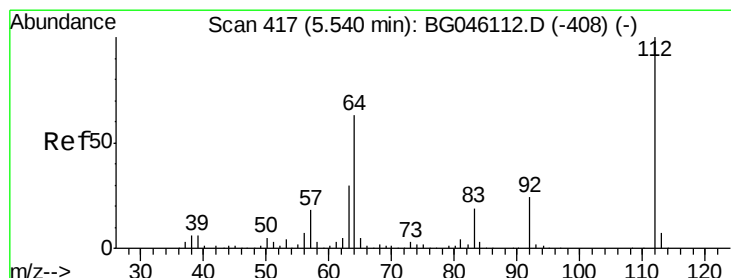
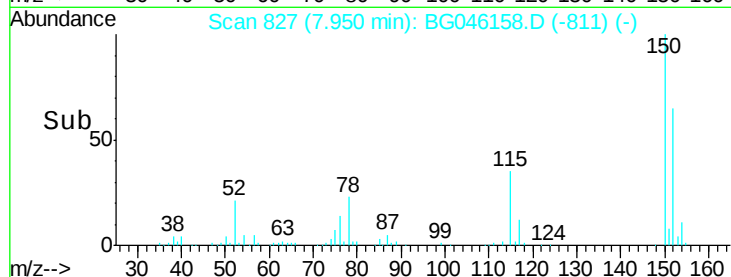
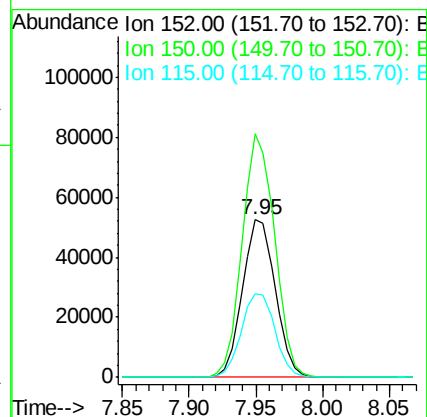
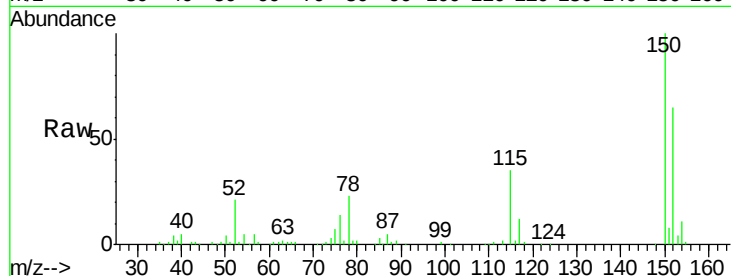


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046158.D
Acq: 3 Aug 2020 20:45

Instrument :
BNA_G
ClientSampleId :
20200447-FIELD-BLANK

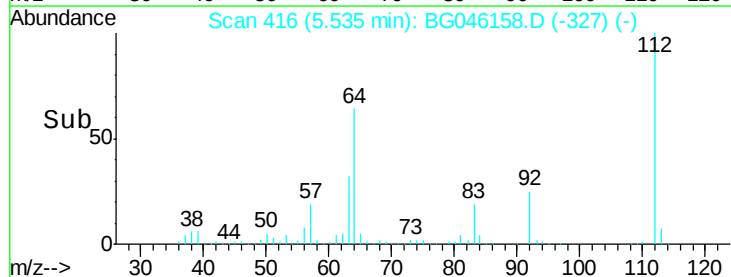
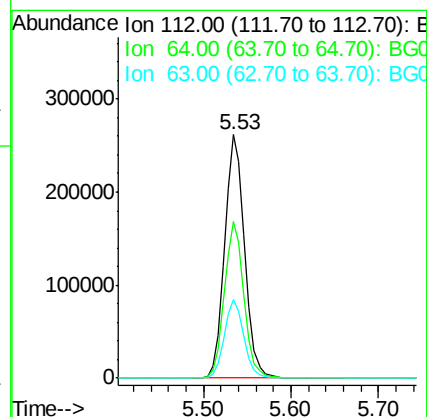
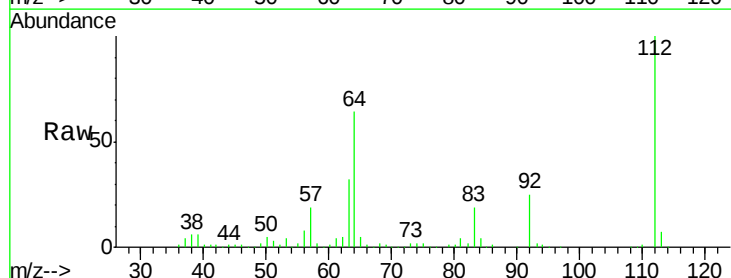
Tgt Ion:152 Resp: 89111
Ion Ratio Lower Upper
152 100
150 154.5 122.1 183.1
115 53.4 43.2 64.8

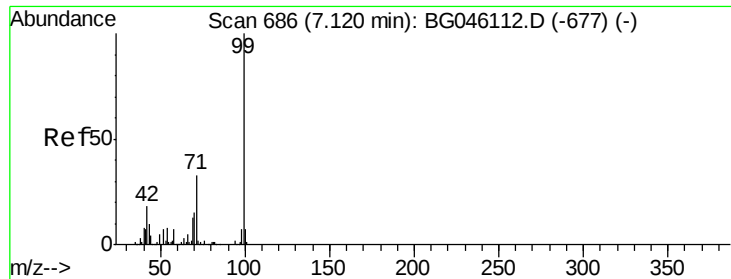


#5

2-Fluorophenol
Concen: 80.345 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG046158.D
Acq: 3 Aug 2020 20:45

Tgt Ion:112 Resp: 411856
Ion Ratio Lower Upper
112 100
64 64.1 50.2 75.2
63 32.0 24.2 36.4





#7

Phenol-d6

Concen: 50.259 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG046158.D

Acq: 3 Aug 2020 20:45

Instrument :

BNA_G

ClientSampleId :

20200447-FIELD-BLANK

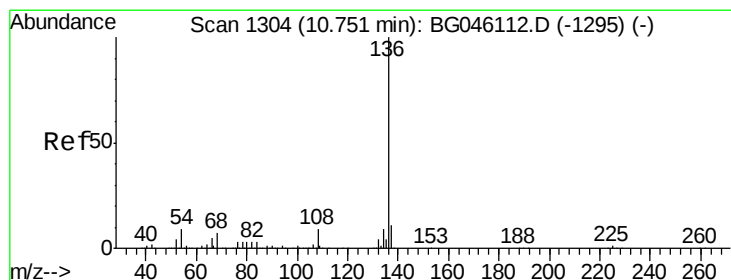
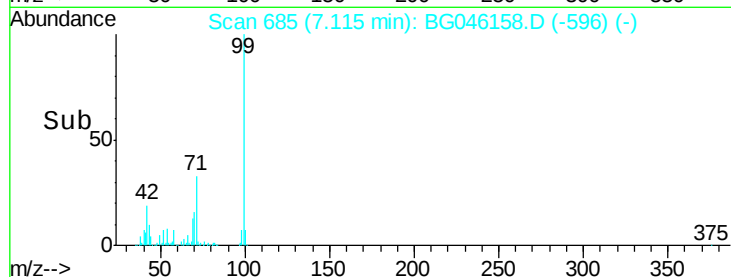
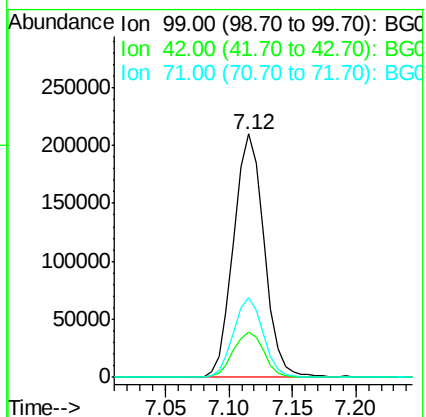
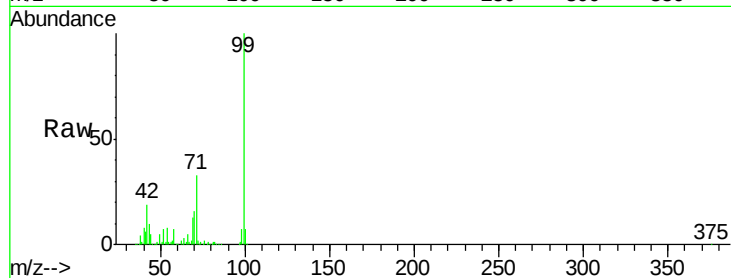
Tgt Ion: 99 Resp: 351119

Ion Ratio Lower Upper

99 100

42 18.6 14.7 22.1

71 32.5 26.5 39.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG046158.D

Acq: 3 Aug 2020 20:45

Tgt Ion: 136 Resp: 358504

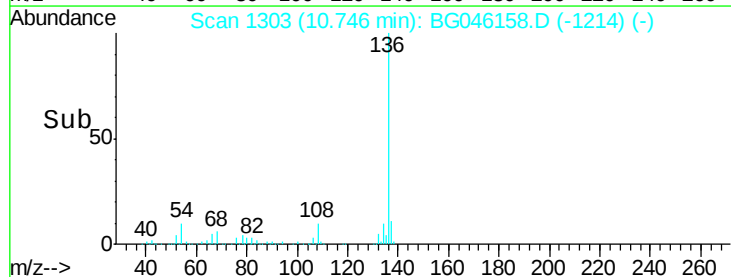
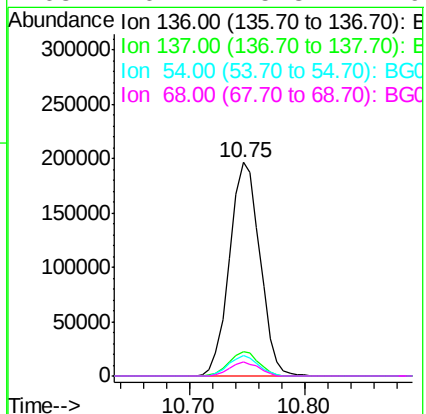
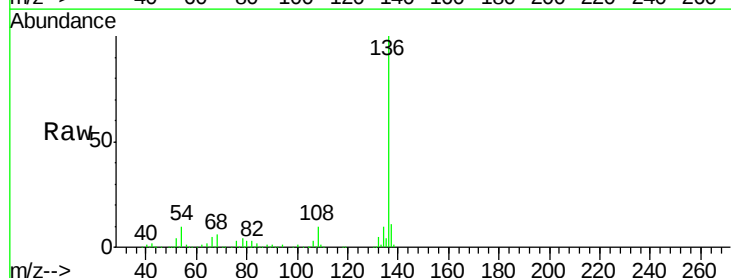
Ion Ratio Lower Upper

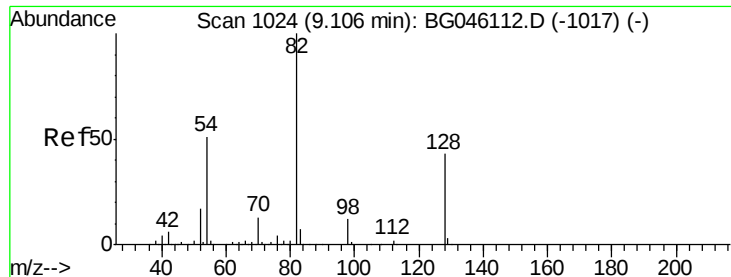
136 100

137 11.4 8.8 13.2

54 9.6 7.0 10.4

68 6.4 5.3 7.9

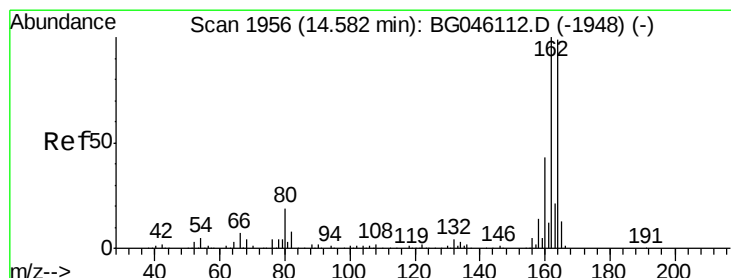
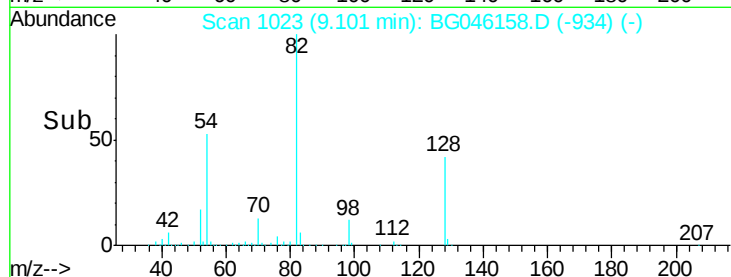
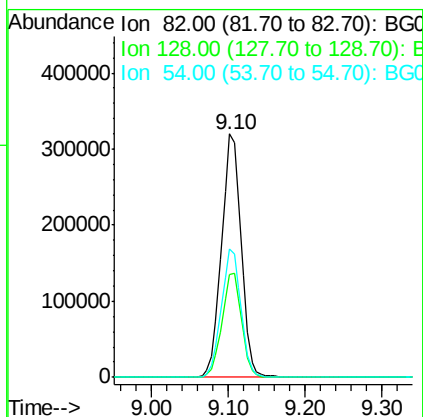
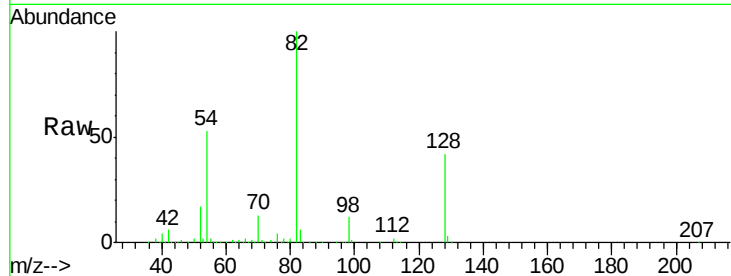




#23
Nitrobenzene-d5
Concen: 85.835 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG046158.D
Acq: 3 Aug 2020 20:45

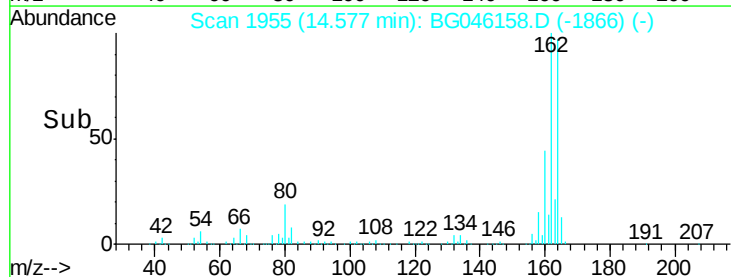
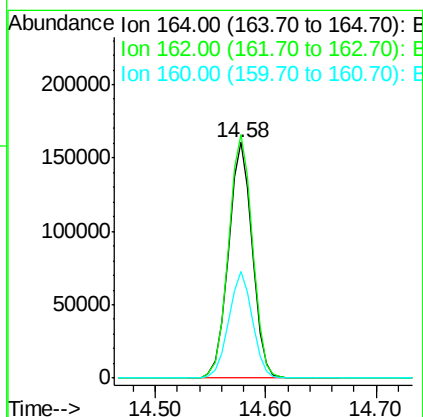
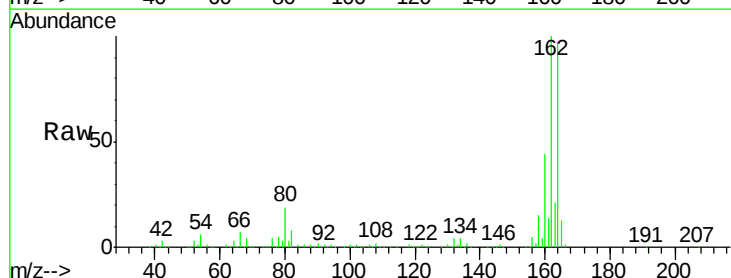
Instrument :
BNA_G
ClientSampleId :
20200447-FIELD-BLANK

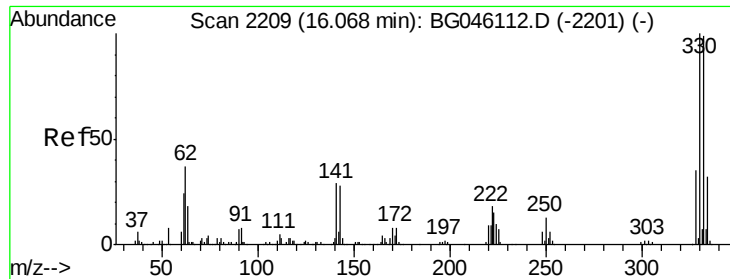
Tgt Ion: 82 Resp: 568352
Ion Ratio Lower Upper
82 100
128 42.4 34.4 51.6
54 52.6 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG046158.D
Acq: 3 Aug 2020 20:45

Tgt Ion: 164 Resp: 241927
Ion Ratio Lower Upper
164 100
162 103.5 80.6 121.0
160 45.5 34.9 52.3

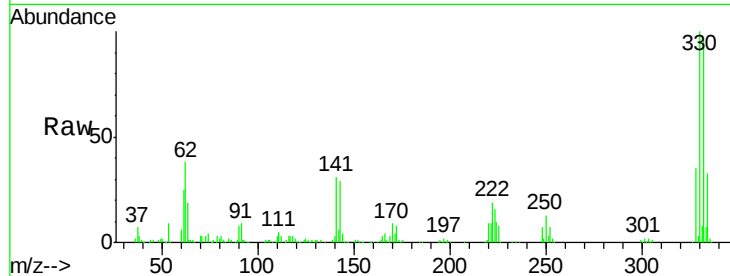




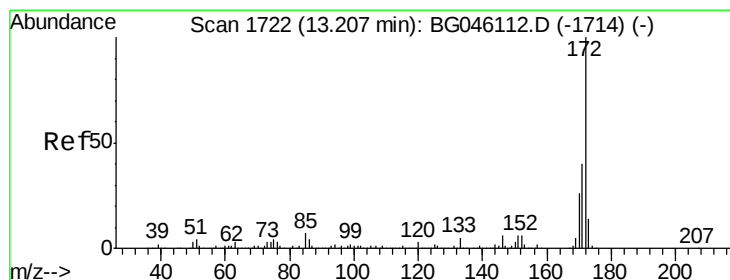
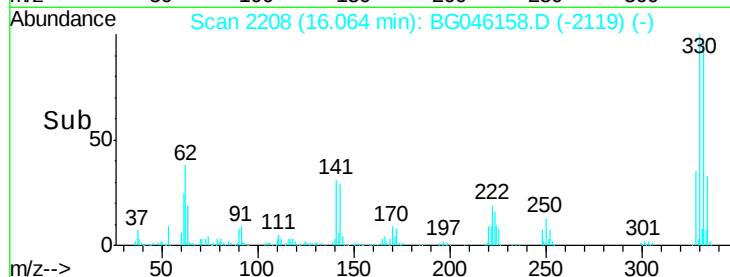
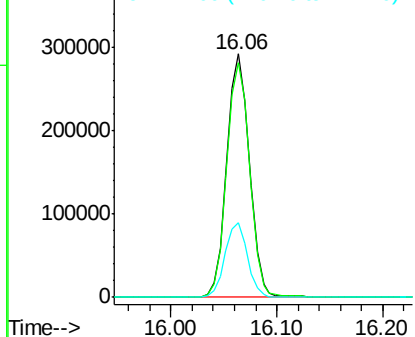
#42
 2,4,6-Tribromophenol
 Concen: 116.671 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BG046158.D
 Acq: 3 Aug 2020 20:45

Instrument :
 BNA_G
 ClientSampleId :
 20200447-FIELD-BLANK

Tgt Ion:330 Resp: 433542
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 30.5 23.4 35.0

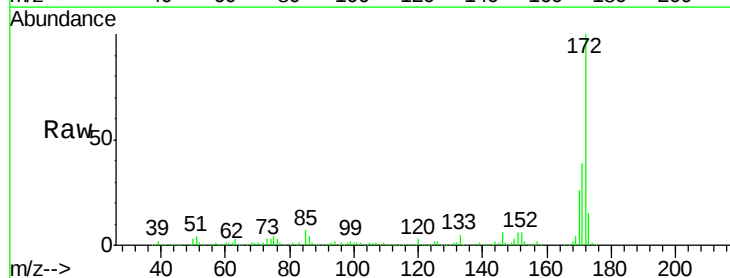


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

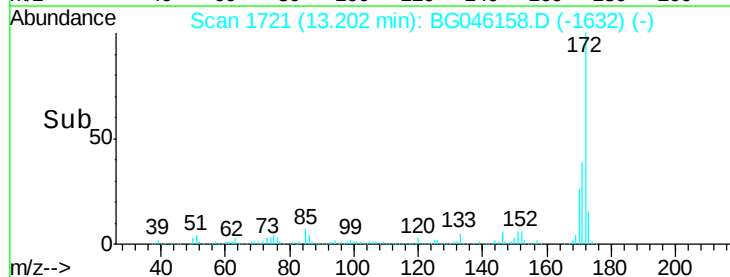
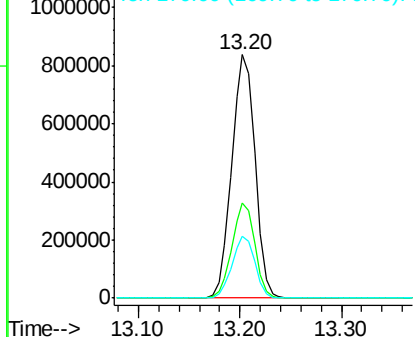


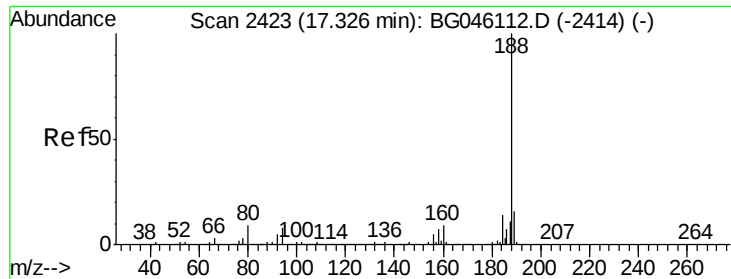
#45
 2-Fluorobiphenyl
 Concen: 80.214 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG046158.D
 Acq: 3 Aug 2020 20:45

Tgt Ion:172 Resp: 1335909
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.7 47.5
 170 25.6 20.9 31.3



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: 17.32 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG046158.D

Acq: 3 Aug 2020 20:45

Instrument :

BNA_G

ClientSampleId :

20200447-FIELD-BLANK

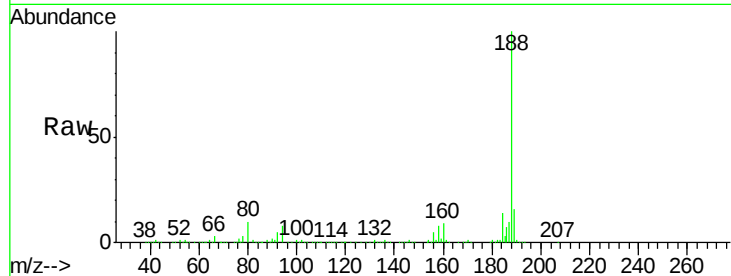
Tgt Ion:188 Resp: 572561

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

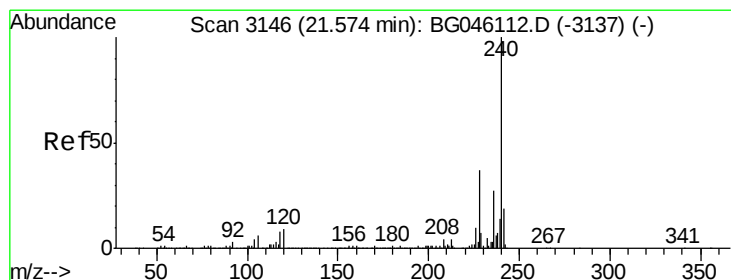
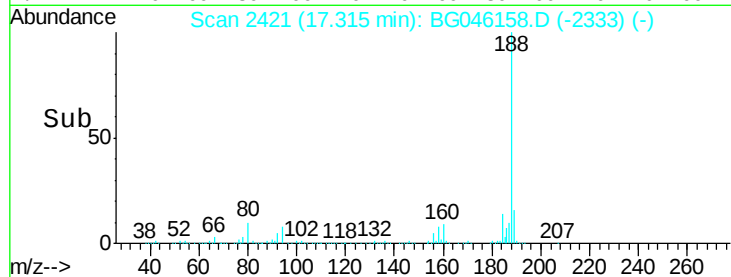
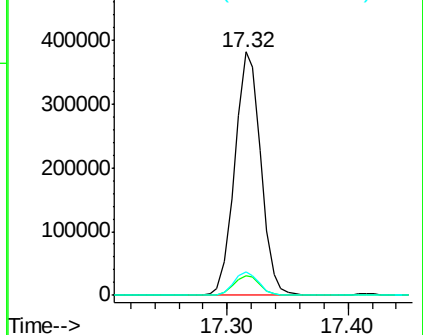
80 9.8 7.4 11.0



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: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046158.D

Acq: 3 Aug 2020 20:45

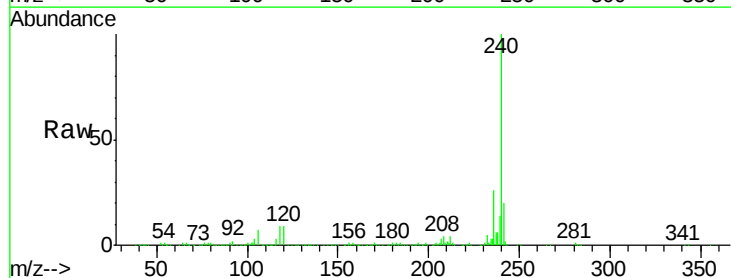
Tgt Ion:240 Resp: 639513

Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

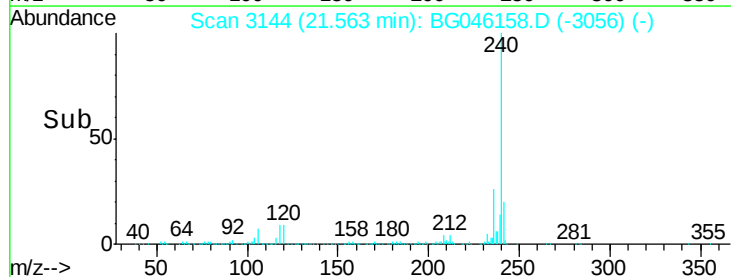
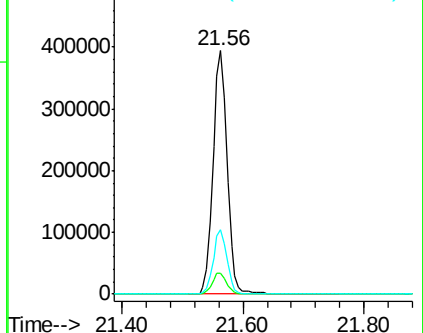
236 26.5 21.7 32.5

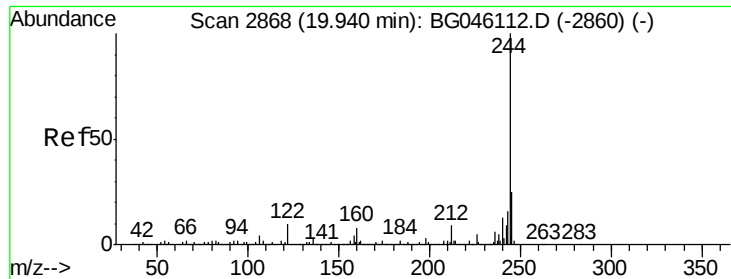


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.223 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046158.D

Acq: 3 Aug 2020 20:45

Instrument :

BNA_G

ClientSampleId :

20200447-FIELD-BLANK

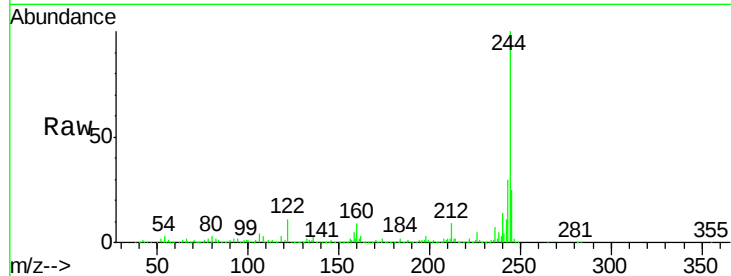
Tgt Ion:244 Resp: 2142243

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

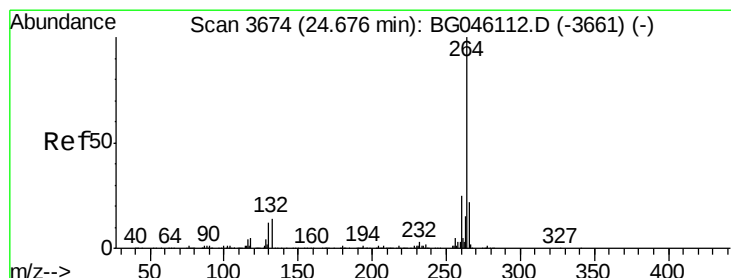
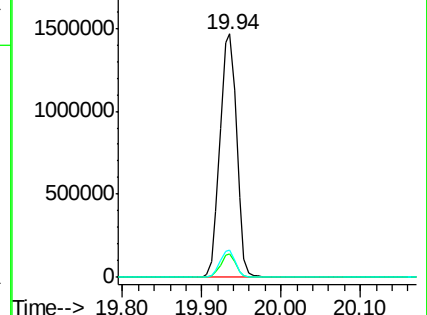
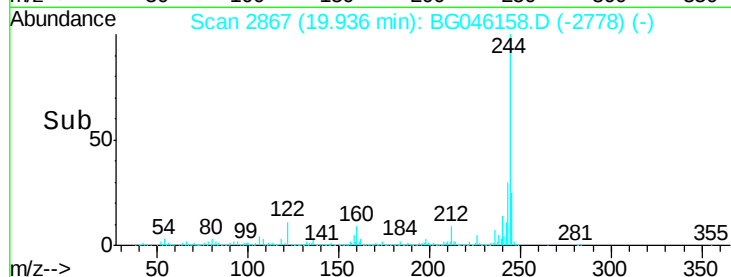
122 11.3 8.3 12.5



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: 24.67 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BG046158.D

Acq: 3 Aug 2020 20:45

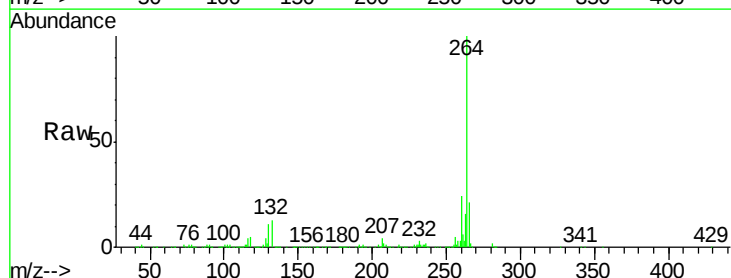
Tgt Ion:264 Resp: 652838

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 21.3 17.6 26.4



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

