

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
 Data File : BG046206.D
 Acq On : 10 Aug 2020 14:35
 Operator : CG/JU
 Sample : PB130837BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BL

Quant Time: Aug 10 15:13:51 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	112483	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	431006	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	278441	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	659553	20.00	ng	0.00
76) Chrysene-d12	21.56	240	805035	20.00	ng	-0.01
86) Perylene-d12	24.67	264	800173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	721040	111.43	ng	0.00
7) Phenol-d6	7.12	99	899827	102.04	ng	0.00
23) Nitrobenzene-d5	9.10	82	587840	73.84	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	486901	113.85	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1472816	76.84	ng	0.00
79) Terphenyl-d14	19.93	244	2413888	61.07	ng	0.00

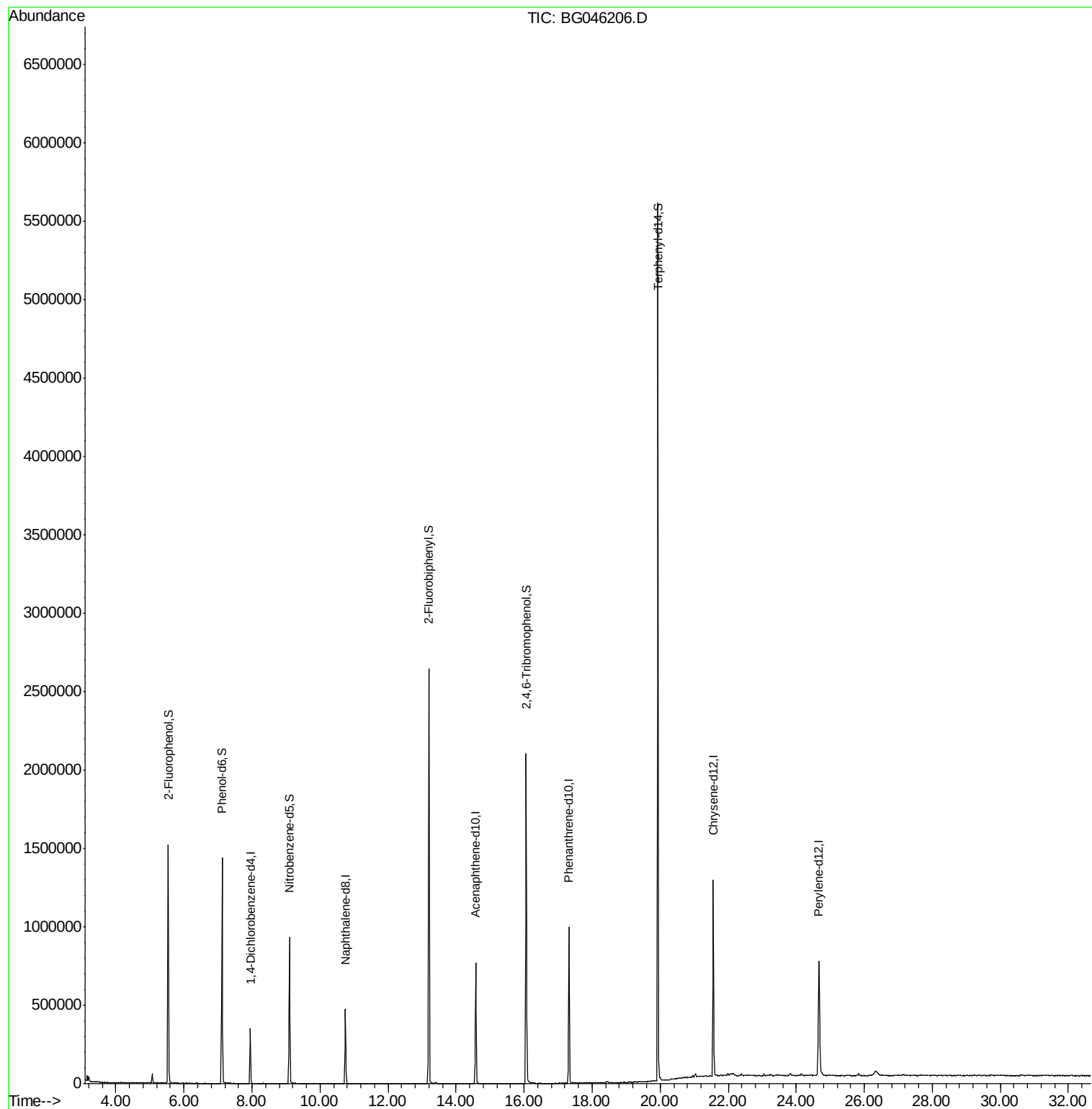
Target Compounds Qvalue

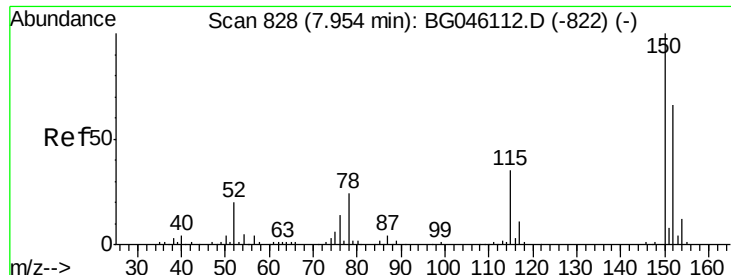
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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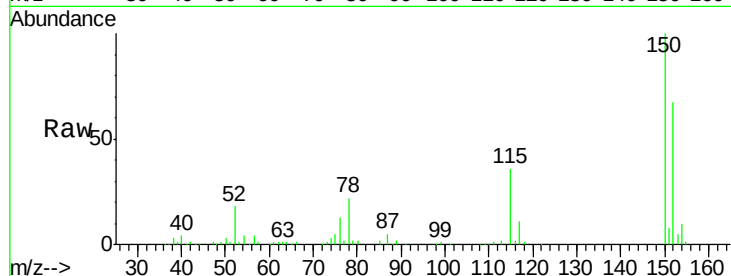


#1

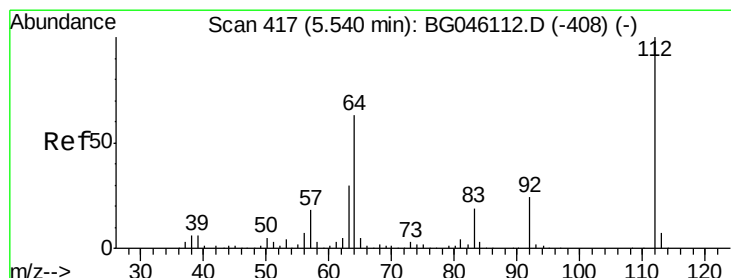
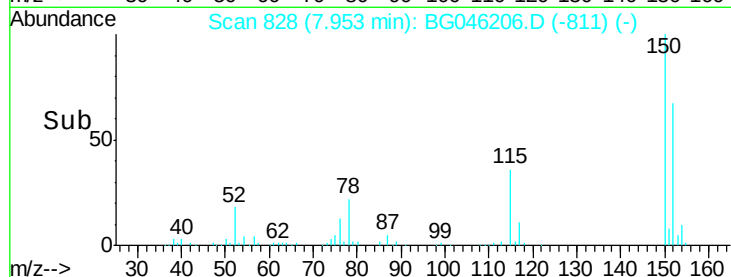
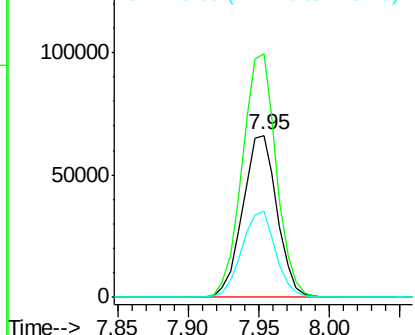
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046206.D
Acq: 10 Aug 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130837BL

Tot Ion:152 Resp: 112483
Ion Ratio Lower Upper
152 100
150 150.1 122.1 183.1
115 53.5 43.2 64.8



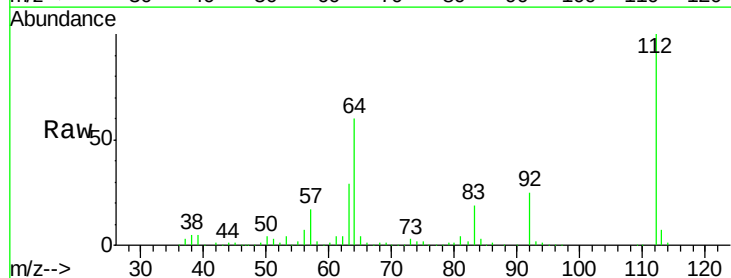
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



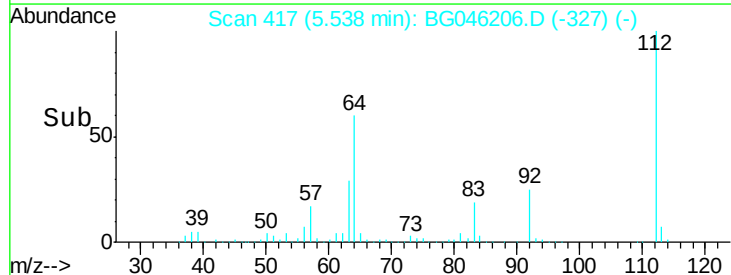
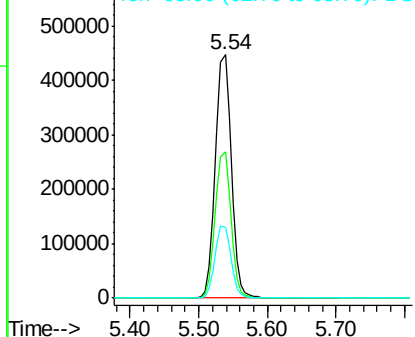
#5

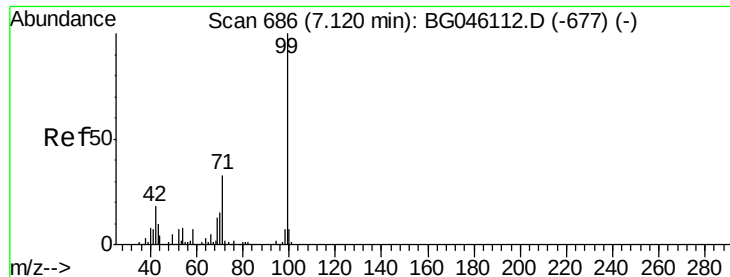
2-Fluorophenol
Concen: 111.433 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046206.D
Acq: 10 Aug 2020 14:35

Tgt Ion:112 Resp: 721040
Ion Ratio Lower Upper
112 100
64 60.1 50.2 75.2
63 29.1 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 102.038 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046206.D

Acq: 10 Aug 2020 14:35

Instrument :

BNA_G

ClientSampleId :

PB130837BL

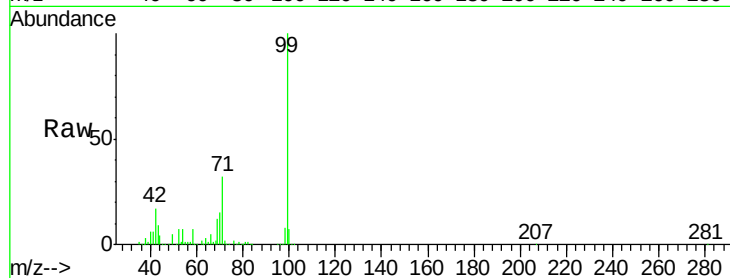
Tot Ion: 99 Resp: 899827

Ion Ratio Lower Upper

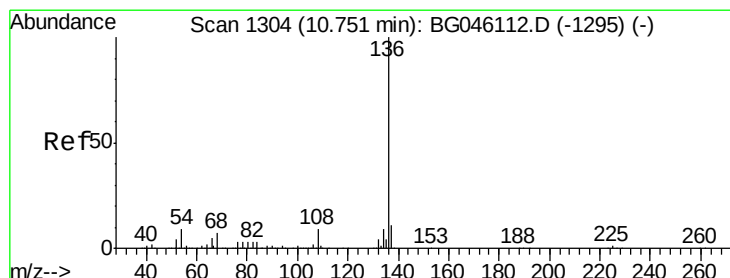
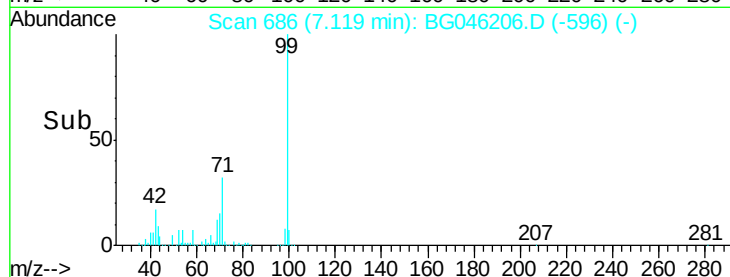
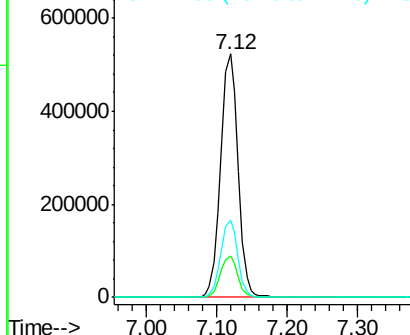
99 100

42 16.8 14.7 22.1

71 31.8 26.5 39.7



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: 10.74 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG046206.D

Acq: 10 Aug 2020 14:35

Tgt Ion: 136 Resp: 431006

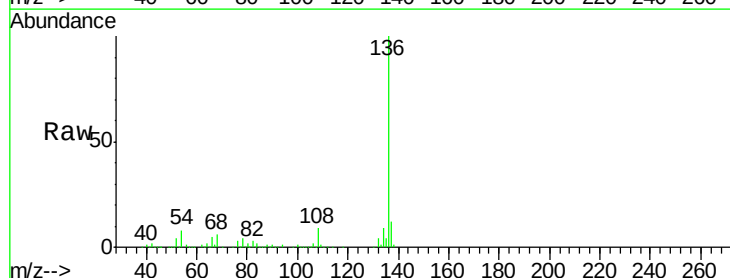
Ion Ratio Lower Upper

136 100

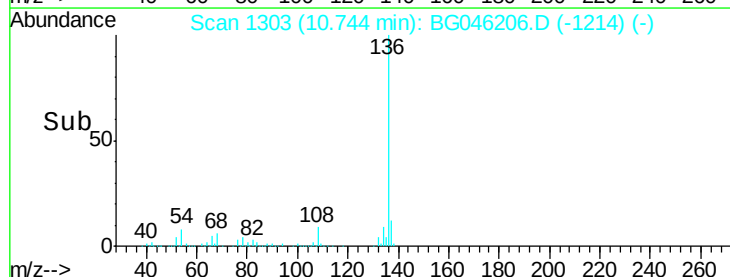
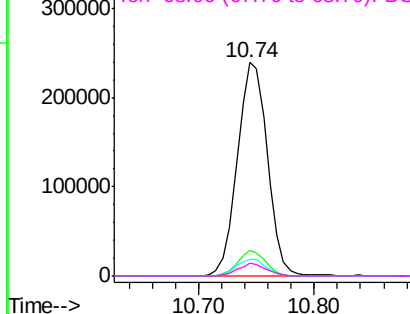
137 12.0 8.8 13.2

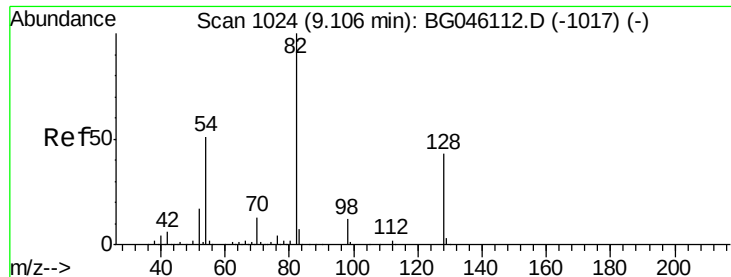
54 7.8 7.0 10.4

68 6.1 5.3 7.9



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

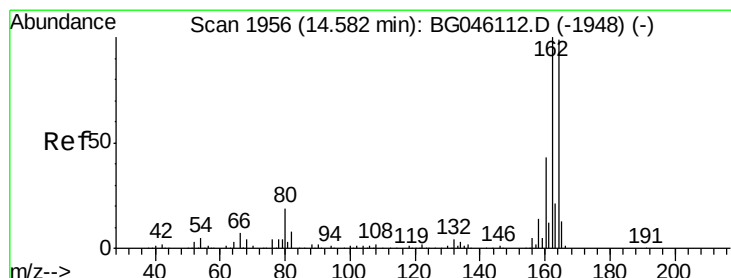
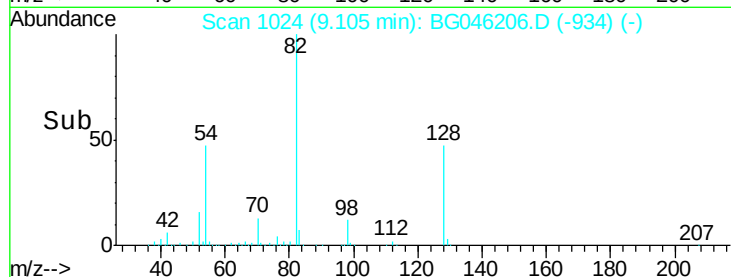
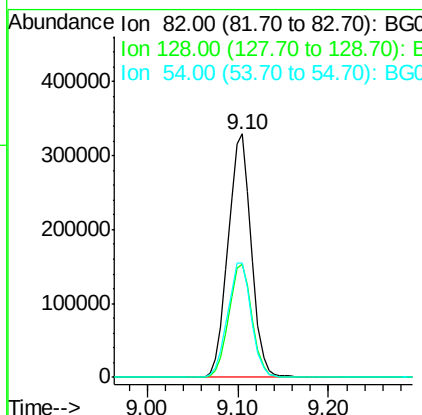
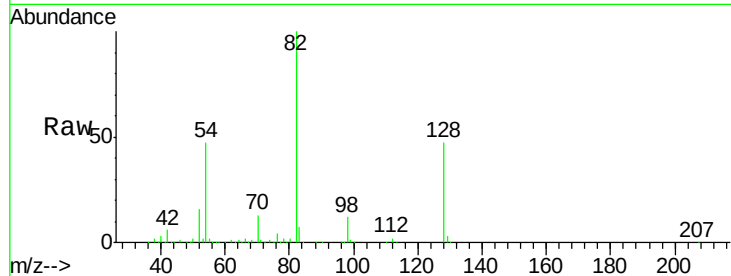




#23
 Nitrobenzene-d5
 Concen: 73.844 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046206.D
 Acq: 10 Aug 2020 14:35

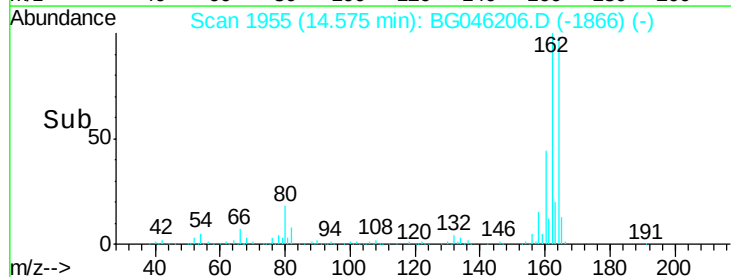
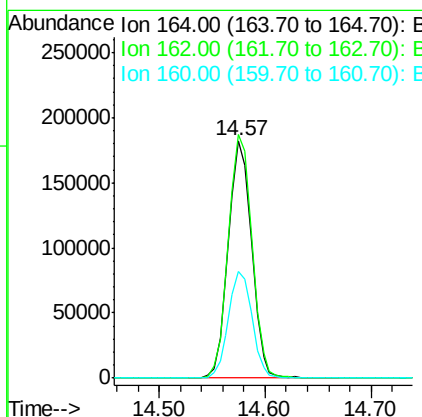
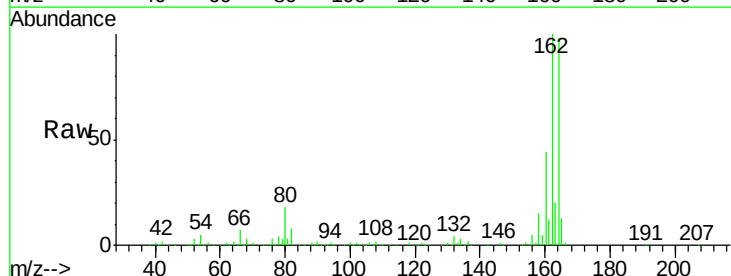
Instrument :
 BNA_G
 ClientSampleID :
 PB130837BL

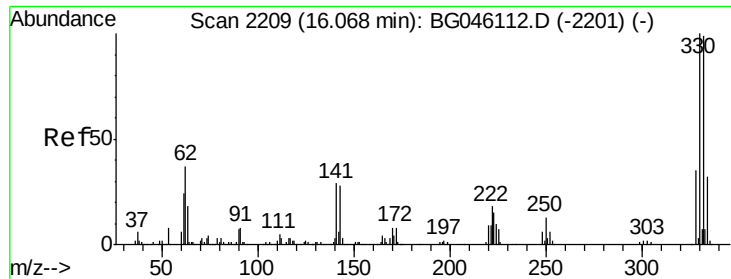
Tot Ion	82	Resp	587840
Ion Ratio	100	Lower	Upper
128	46.6	34.4	51.6
54	47.2	40.8	61.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG046206.D
 Acq: 10 Aug 2020 14:35

Tgt Ion	164	Resp	278441
Ion Ratio	100	Lower	Upper
162	102.6	80.6	121.0
160	44.8	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 113.847 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046206.D

Acq: 10 Aug 2020 14:35

Instrument :

BNA_G

ClientSampleId :

PB130837BL

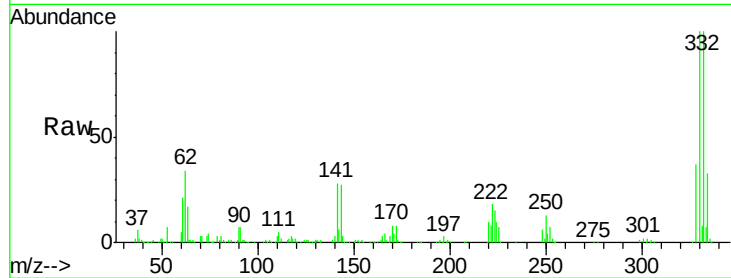
Tot Ion:330 Resp: 486901

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

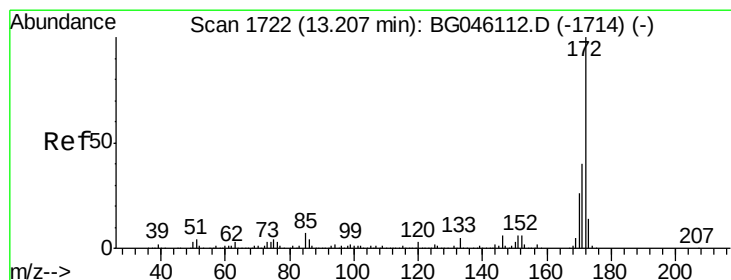
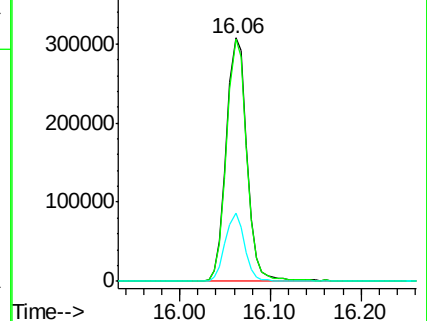
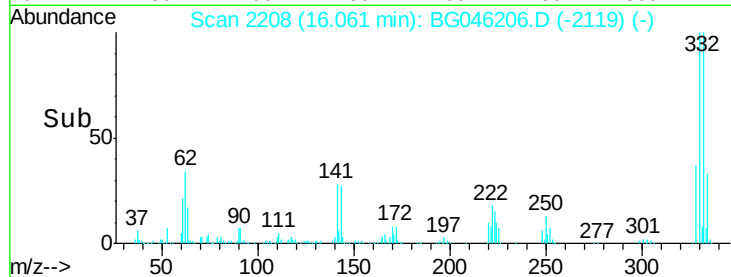
141 26.4 23.4 35.0



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: 76.837 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG046206.D

Acq: 10 Aug 2020 14:35

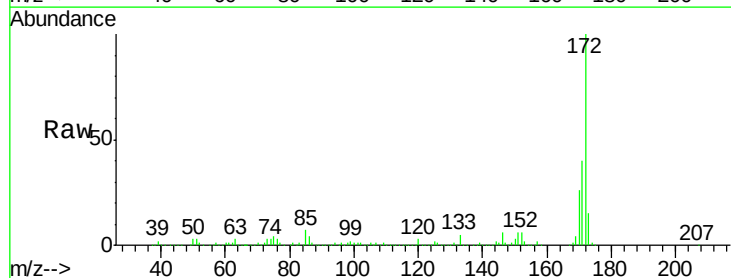
Tgt Ion:172 Resp: 1472816

Ion Ratio Lower Upper

172 100

171 39.6 31.7 47.5

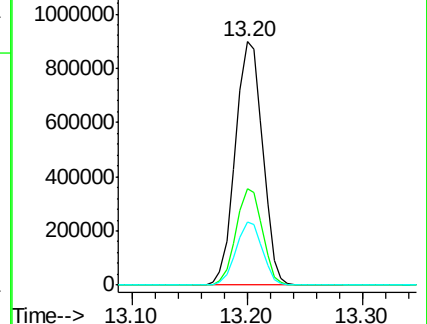
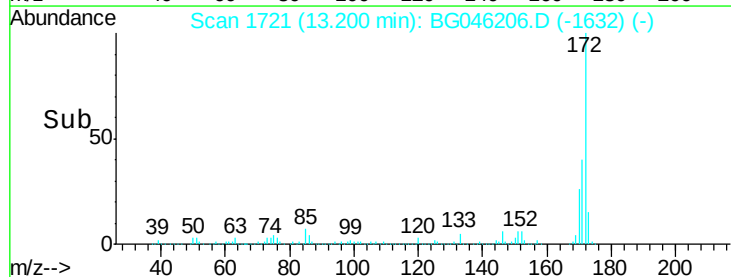
170 25.7 20.9 31.3

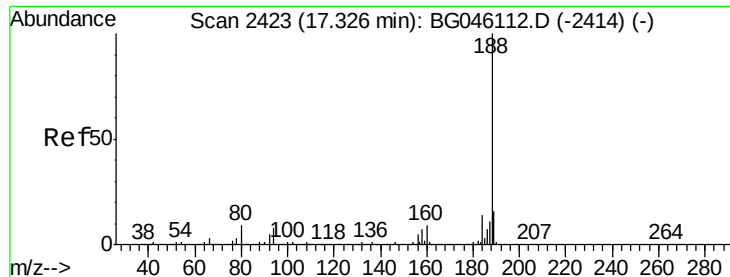


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

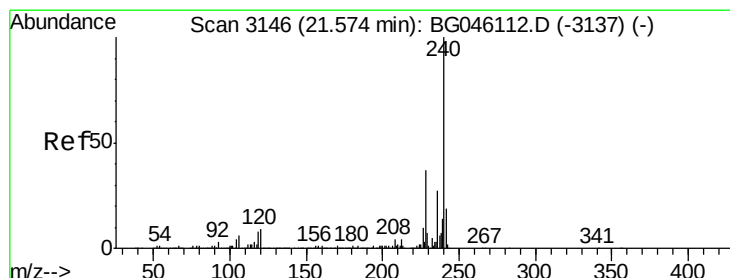
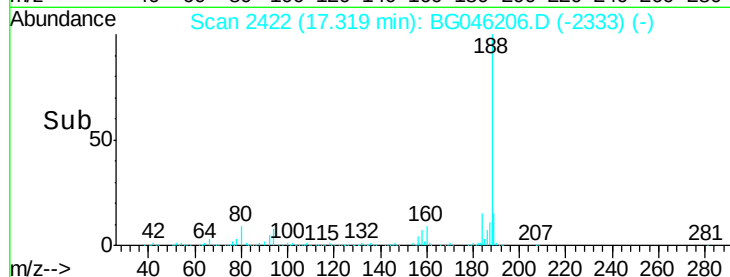
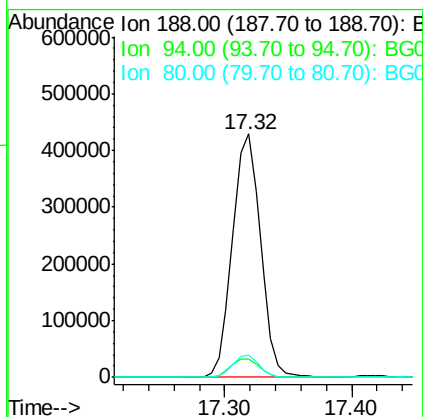
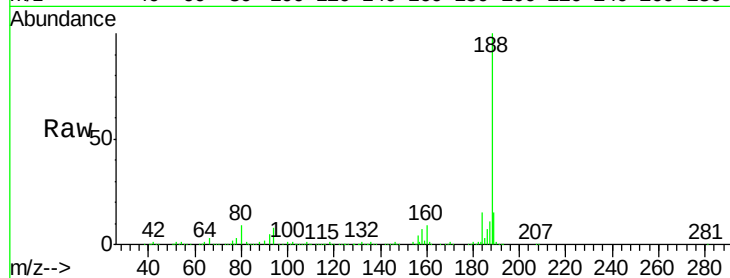




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046206.D
Acq: 10 Aug 2020 14:35

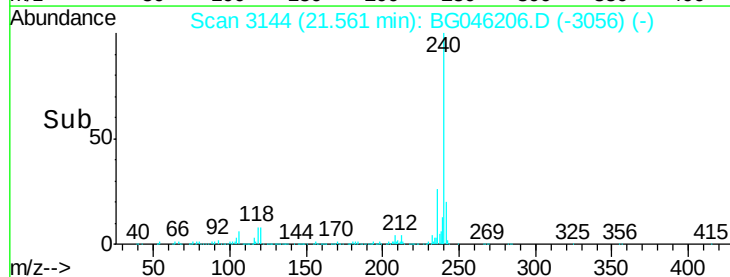
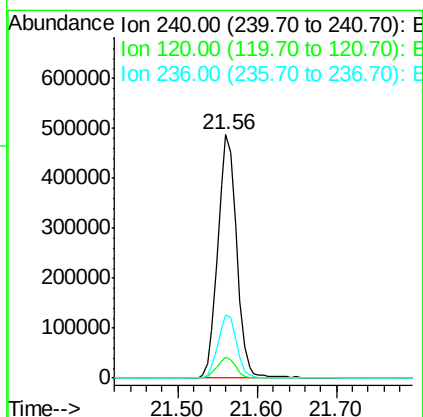
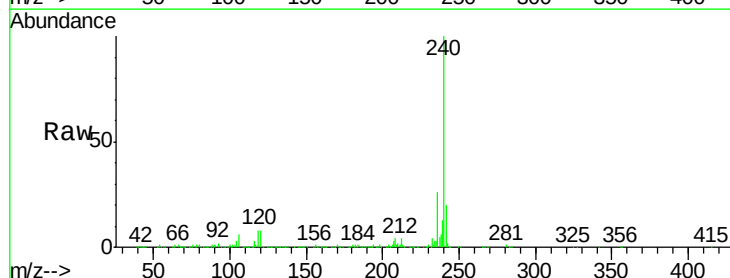
Instrument :
BNA_G
ClientSampleId :
PB130837BL

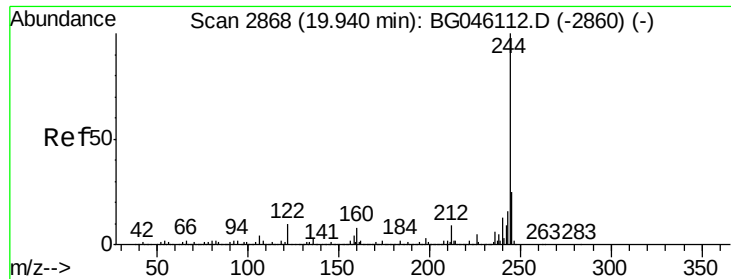
Tot Ion:188 Resp: 659553
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 9.0 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046206.D
Acq: 10 Aug 2020 14:35

Tgt Ion:240 Resp: 805035
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 25.7 21.7 32.5





#79

Terphenyl-d14

Concen: 61.068 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046206.D

Acq: 10 Aug 2020 14:35

Instrument :

BNA_G

ClientSampleId :

PB130837BL

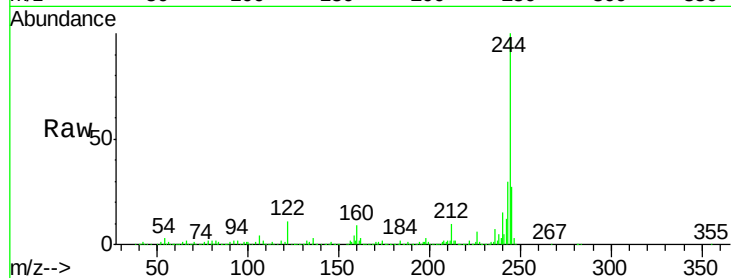
Tot Ion:244 Resp: 2413888

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

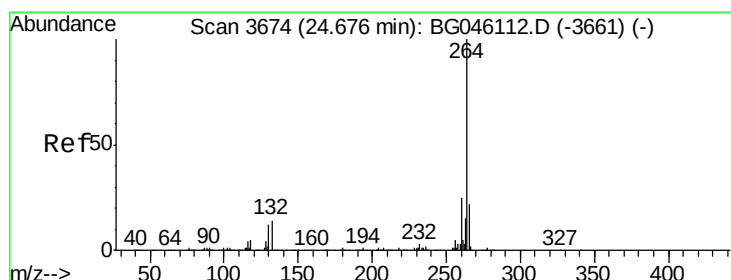
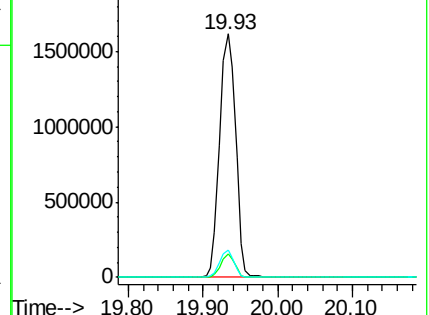
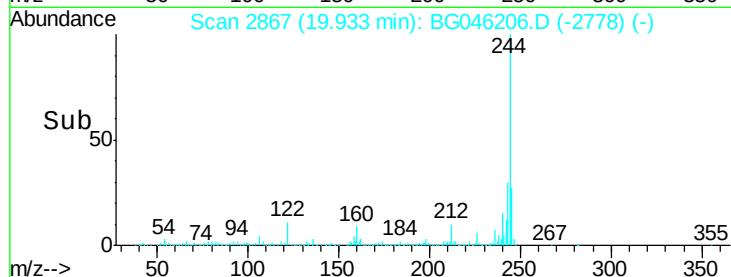
122 11.2 8.3 12.5



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# 3673

Delta R.T. -0.01 min

Lab File: BG046206.D

Acq: 10 Aug 2020 14:35

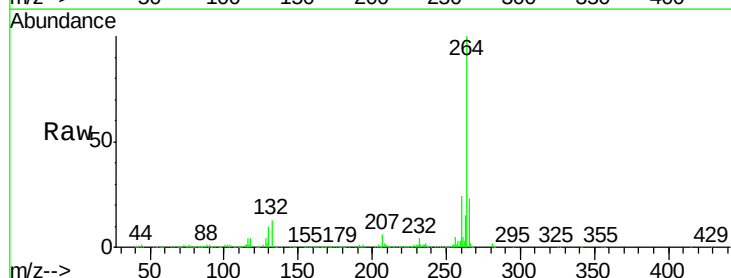
Tgt Ion:264 Resp: 800173

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 22.9 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

