

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
 Data File : BG046152.D
 Acq On : 3 Aug 2020 16:40
 Operator : CG/JU
 Sample : PB130691BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BL

Quant Time: Aug 03 17:33:16 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	92133	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	360311	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	236813	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	573963	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	646466	20.00	ng	-0.01
86) Perylene-d12	24.67	264	654831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	594189	112.11	ng	0.00
7) Phenol-d6	7.12	99	768815	106.44	ng	0.00
23) Nitrobenzene-d5	9.10	82	521440	78.36	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	386727	106.32	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1241209	76.14	ng	0.00
79) Terphenyl-d14	19.94	244	2074717	65.36	ng	0.00

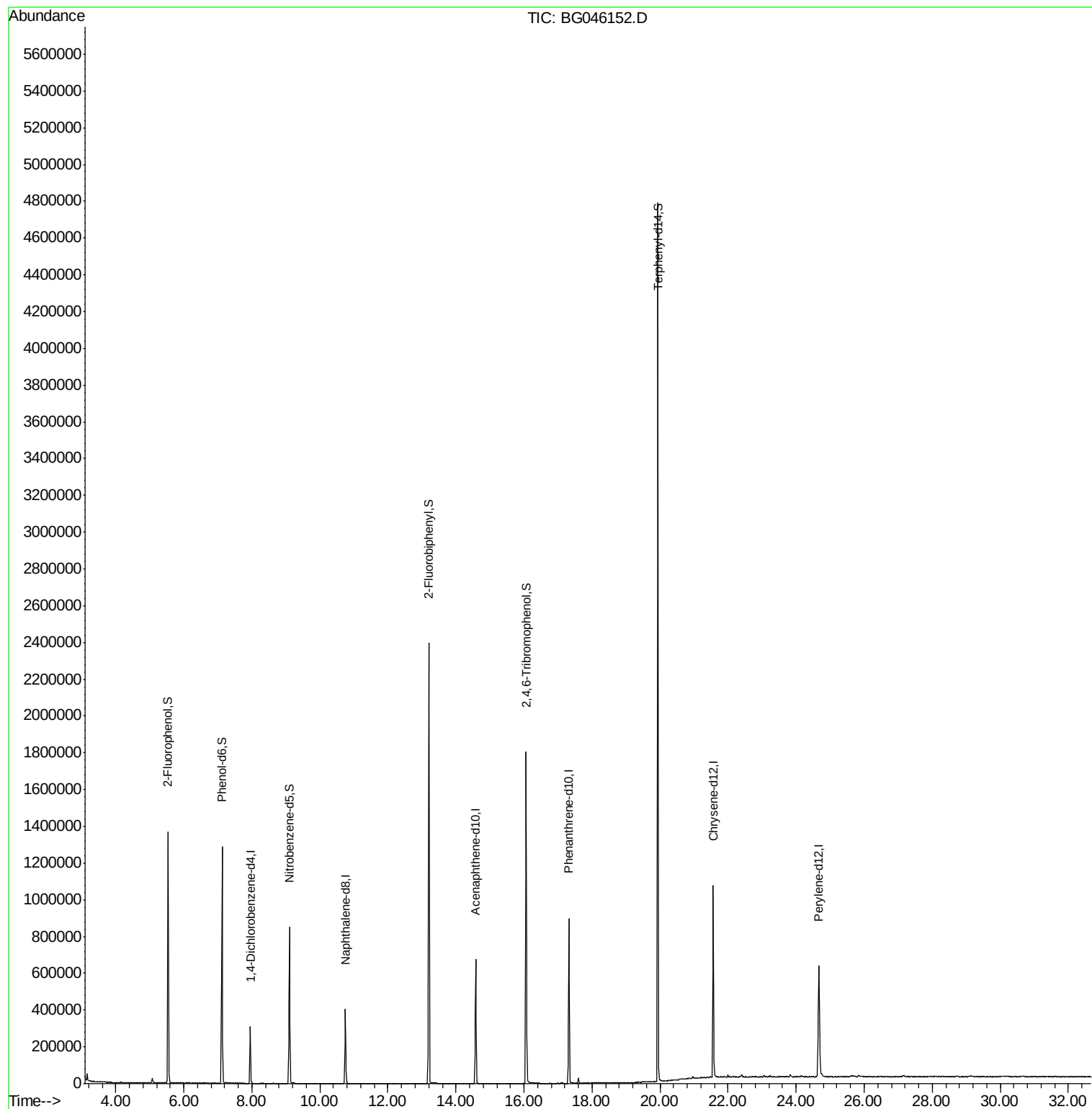
Target Compounds	Qvalue
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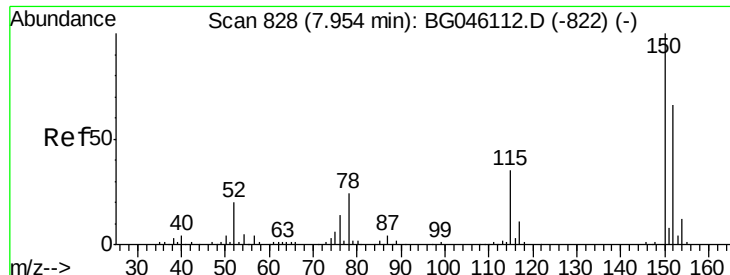
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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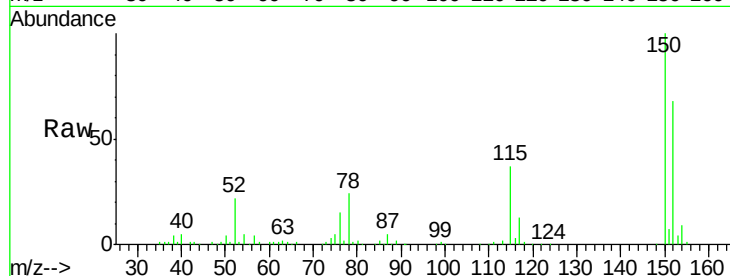


#1

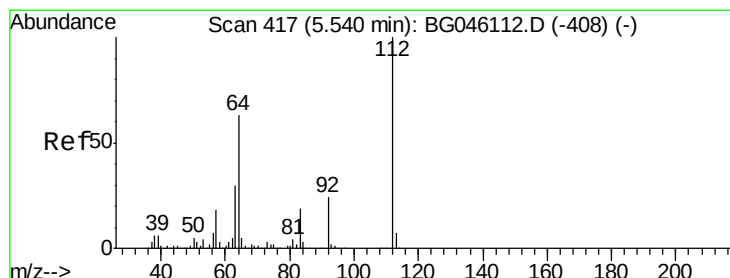
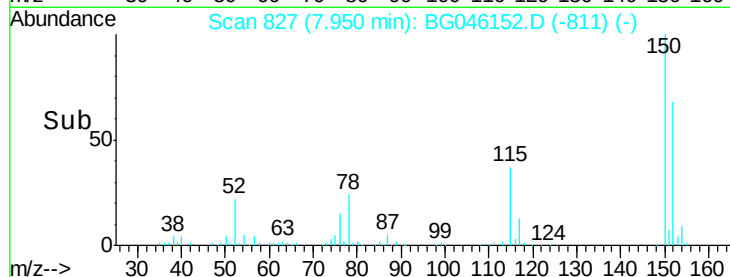
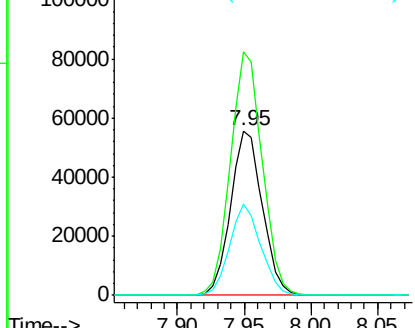
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

Instrument :
BNA_G
ClientSampleId :
PB130691BL

Tgt Ion:152 Resp: 92133
Ion Ratio Lower Upper
152 100
150 147.7 122.1 183.1
115 55.2 43.2 64.8



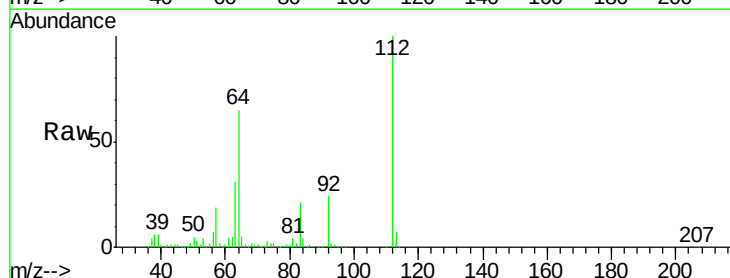
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



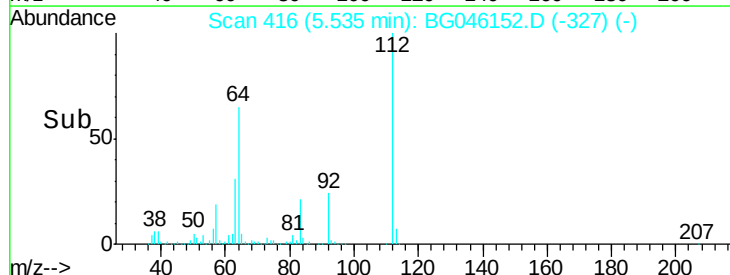
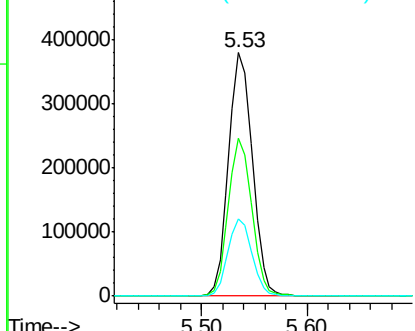
#5

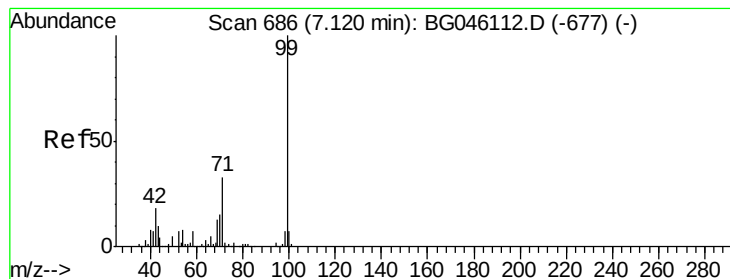
2-Fluorophenol
Concen: 112.112 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

Tgt Ion:112 Resp: 594189
Ion Ratio Lower Upper
112 100
64 64.9 50.2 75.2
63 31.5 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: 106.438 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046152.D

Acq: 3 Aug 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB130691BL

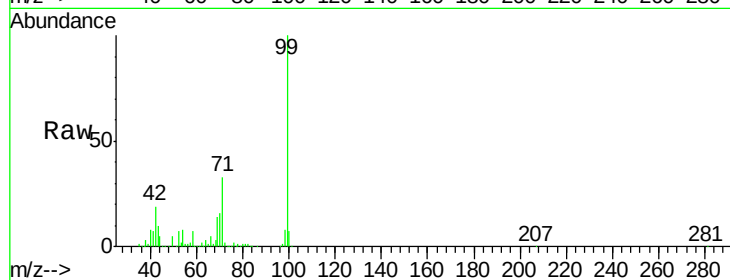
Tgt Ion: 99 Resp: 768815

Ion Ratio Lower Upper

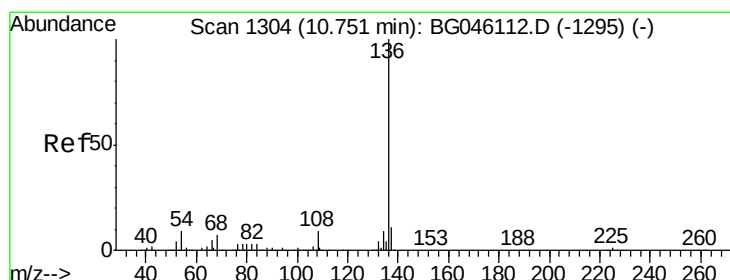
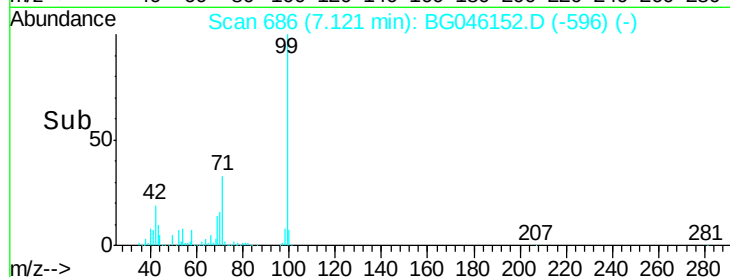
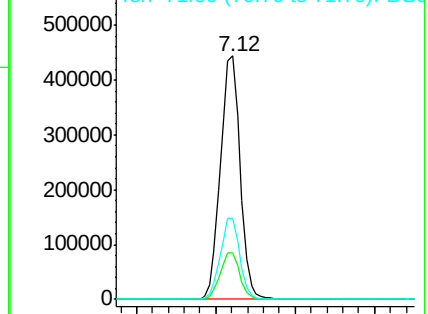
99 100

42 19.3 14.7 22.1

71 33.1 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: 10.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG046152.D

Acq: 3 Aug 2020 16:40

Tgt Ion: 136 Resp: 360311

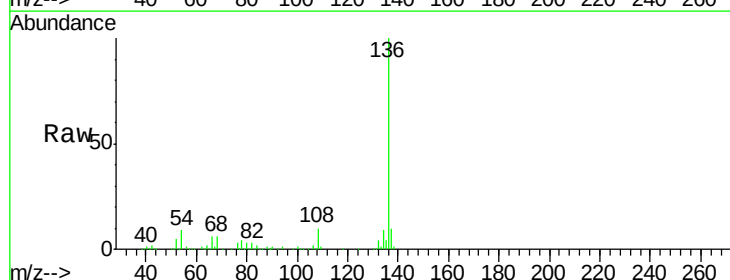
Ion Ratio Lower Upper

136 100

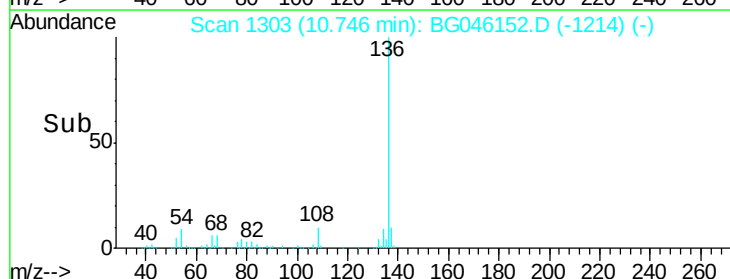
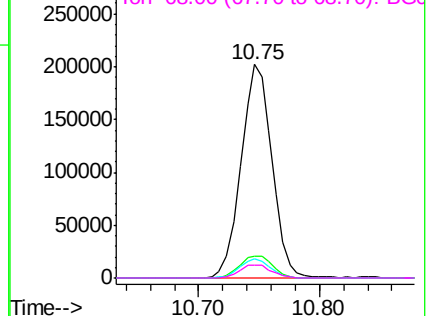
137 10.5 8.8 13.2

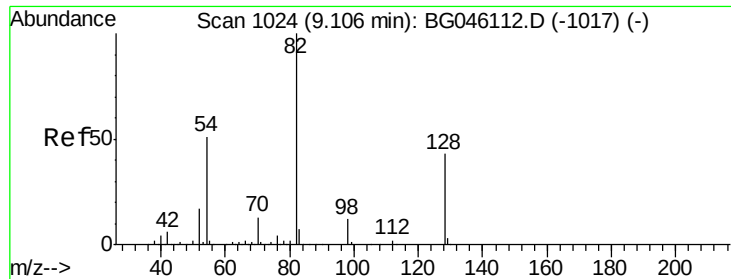
54 8.8 7.0 10.4

68 5.9 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

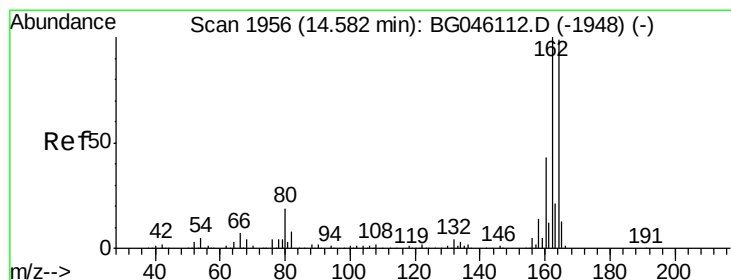
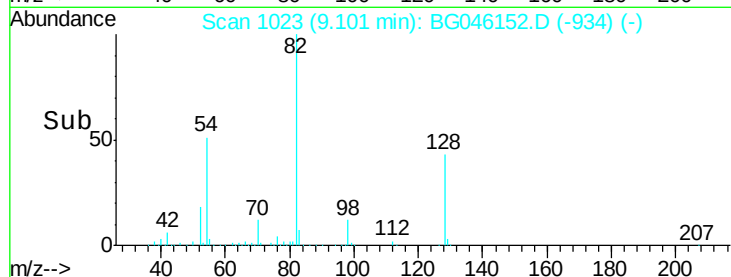
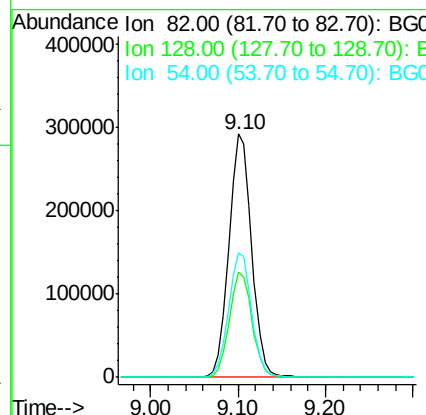
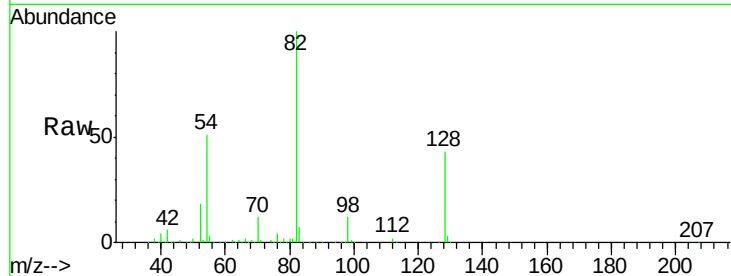




#23
 Nitrobenzene-d5
 Concen: 78.355 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG046152.D
 Acq: 3 Aug 2020 16:40

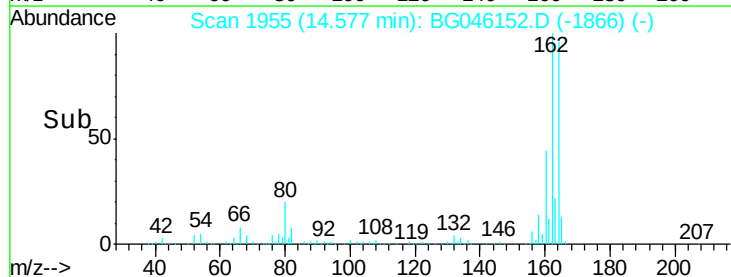
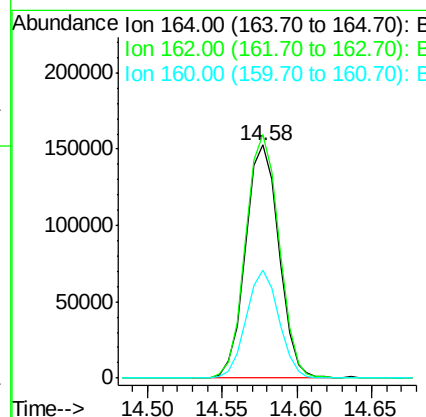
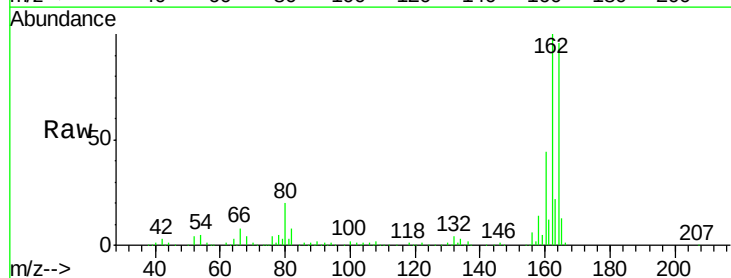
Instrument :
 BNA_G
 ClientSampleId :
 PB130691BL

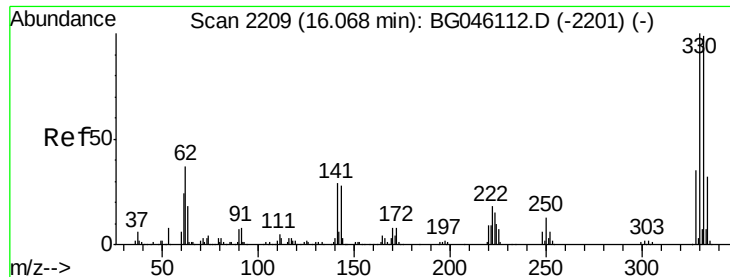
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.4	51.6
54	51.3	40.8	61.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG046152.D
 Acq: 3 Aug 2020 16:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.6	121.0
160	46.3	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 106.320 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG046152.D

Acq: 3 Aug 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB130691BL

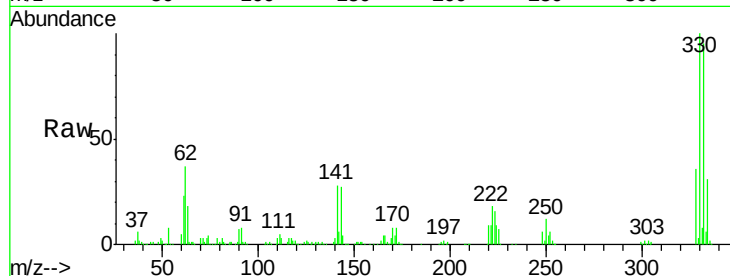
Tgt Ion:330 Resp: 386727

Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.2

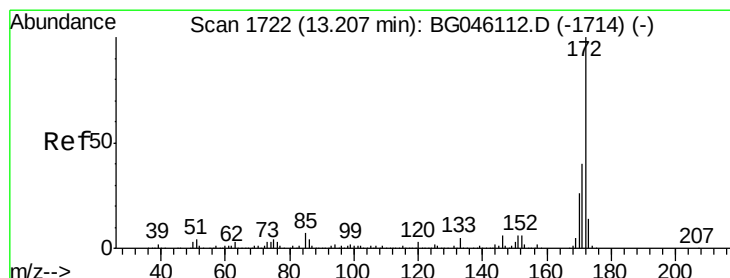
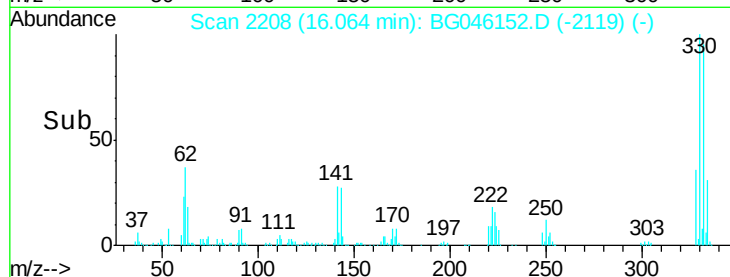
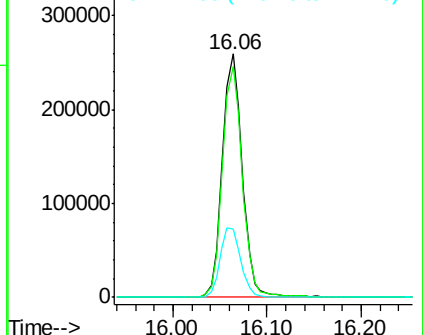
141 29.6 23.4 35.0



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: 76.137 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BG046152.D

Acq: 3 Aug 2020 16:40

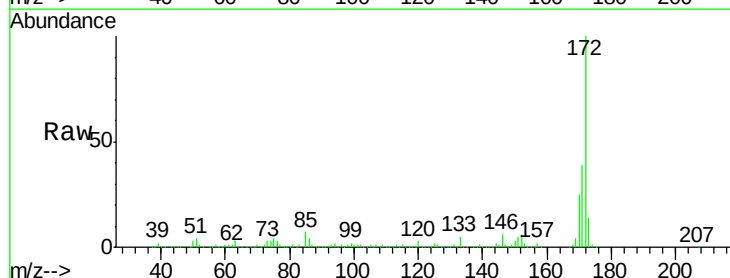
Tgt Ion:172 Resp: 1241209

Ion Ratio Lower Upper

172 100

171 39.0 31.7 47.5

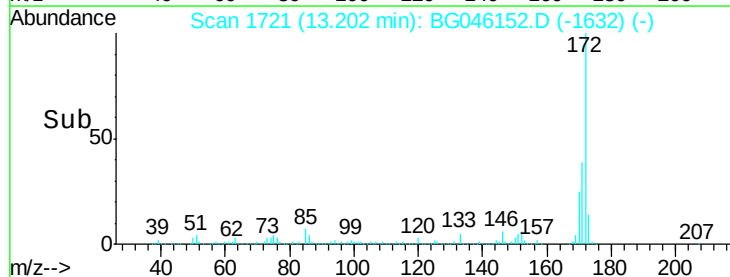
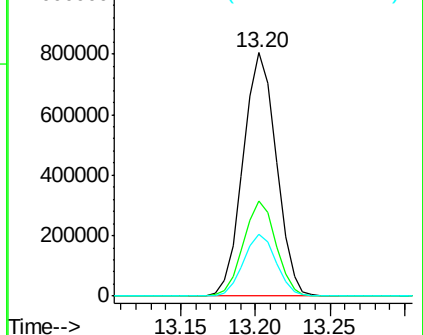
170 25.2 20.9 31.3

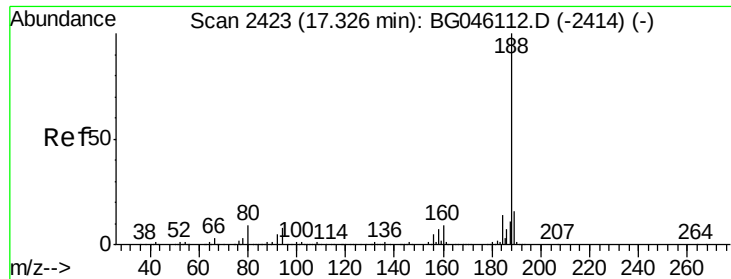


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG046152.D

Acq: 3 Aug 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB130691BL

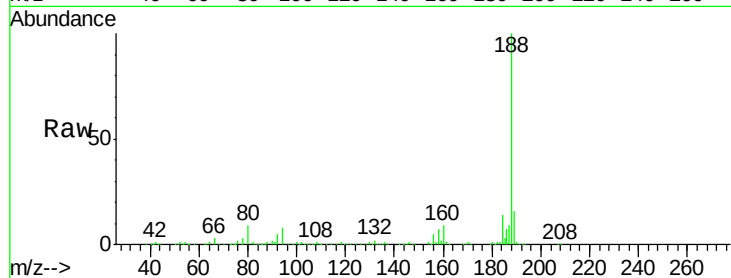
Tgt Ion:188 Resp: 573963

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

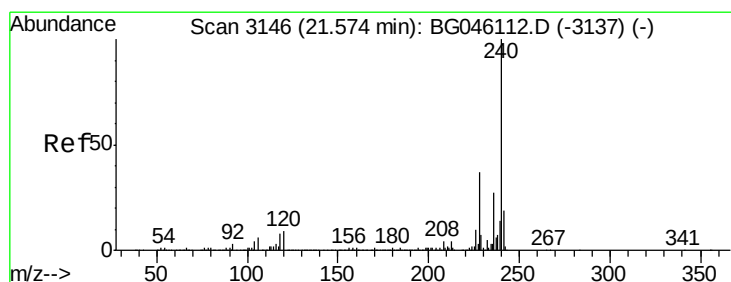
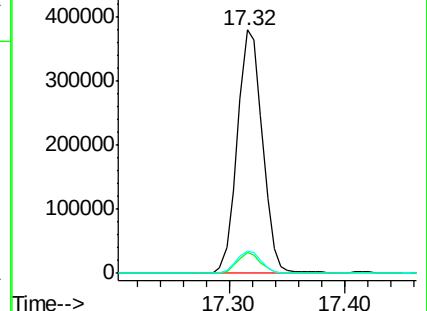
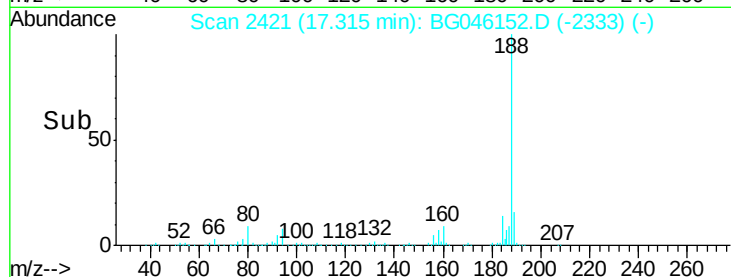
80 9.1 7.4 11.0



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: BG046152.D

Acq: 3 Aug 2020 16:40

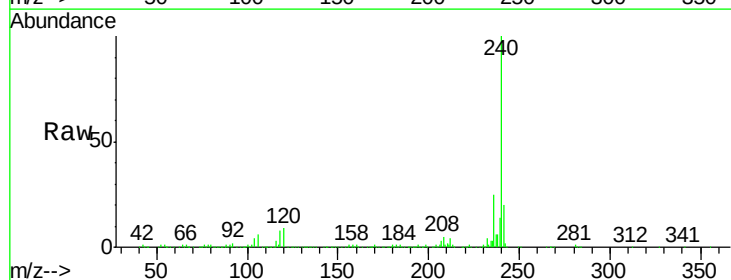
Tgt Ion:240 Resp: 646466

Ion Ratio Lower Upper

240 100

120 8.7 7.1 10.7

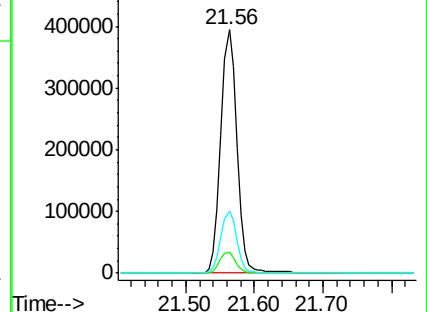
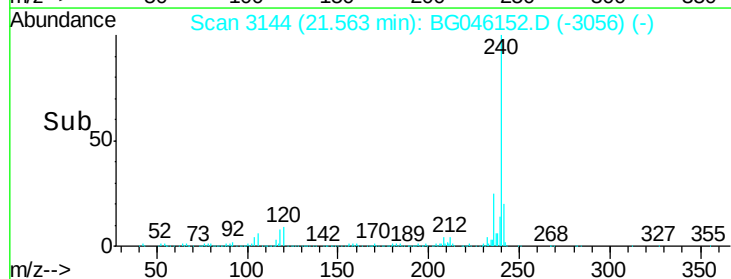
236 25.4 21.7 32.5

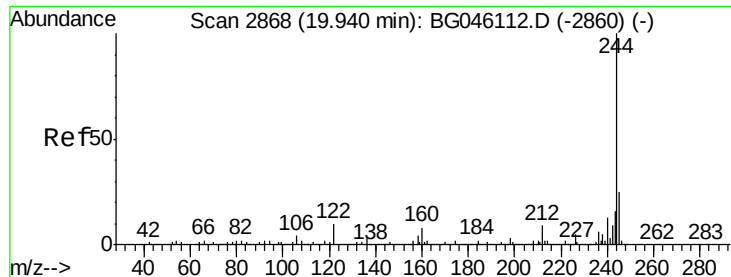


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.362 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046152.D

Acq: 3 Aug 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB130691BL

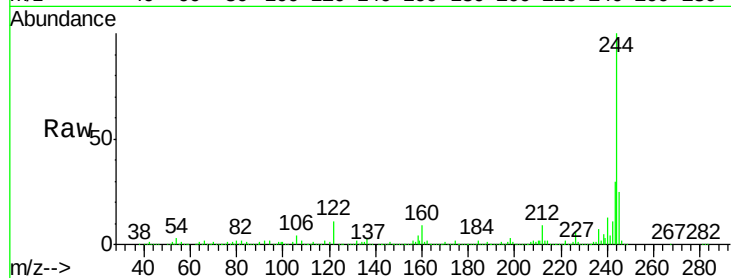
Tgt Ion:244 Resp: 2074717

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.2	10.8
122	10.7	8.3	12.5

244 100

212 9.3 7.2 10.8

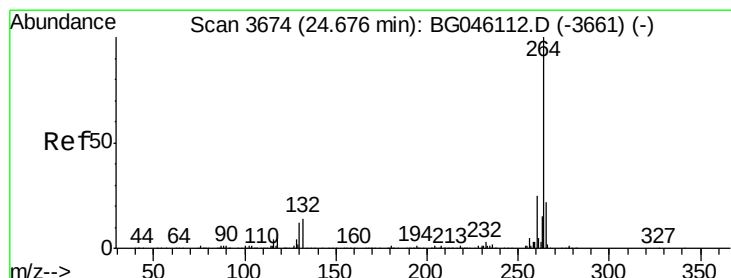
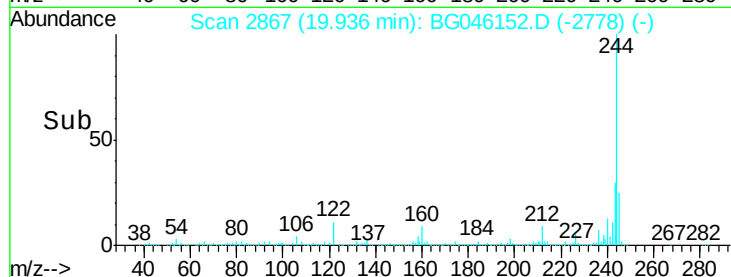
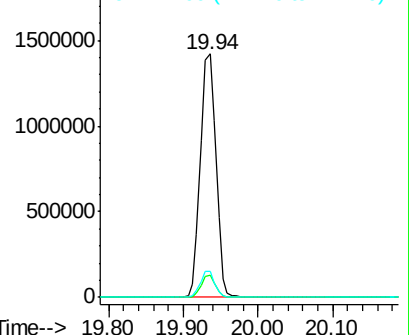
122 10.7 8.3 12.5



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. -0.00 min

Lab File: BG046152.D

Acq: 3 Aug 2020 16:40

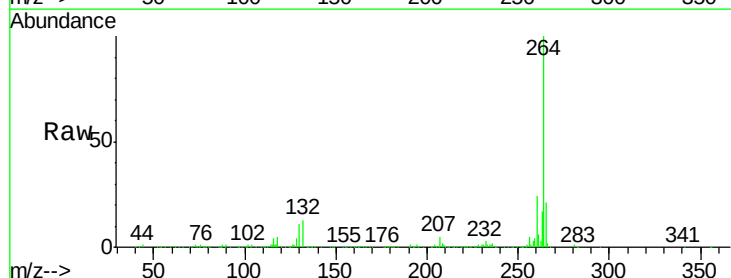
Tgt Ion:264 Resp: 654831

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.2	17.6	26.4

264 100

260 24.0 19.7 29.5

265 21.2 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

