

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
 Data File : BG046154.D
 Acq On : 3 Aug 2020 18:02
 Operator : CG/JU
 Sample : PB130683BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BL

Quant Time: Aug 03 18:57:11 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	89274	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	353560	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	231992	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	559303	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	616105	20.00	ng	-0.01
86) Perylene-d12	24.67	264	631384	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	607109	118.22	ng	0.00
7) Phenol-d6	7.12	99	775963	110.87	ng	0.00
23) Nitrobenzene-d5	9.10	82	525047	80.40	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	387450	108.73	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1260299	78.91	ng	0.00
79) Terphenyl-d14	19.94	244	2016002	66.64	ng	0.00

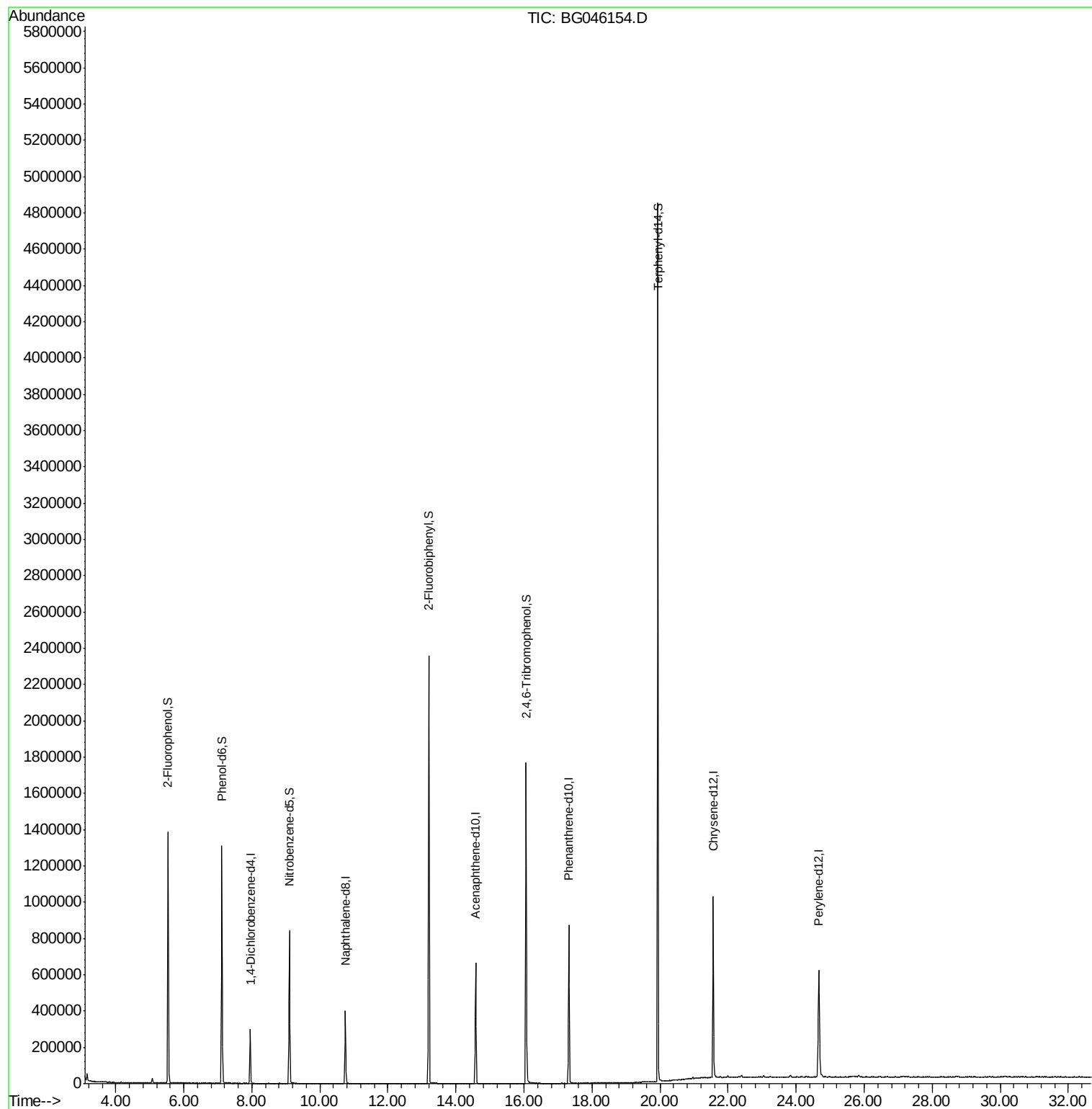
Target Compounds	Qvalue
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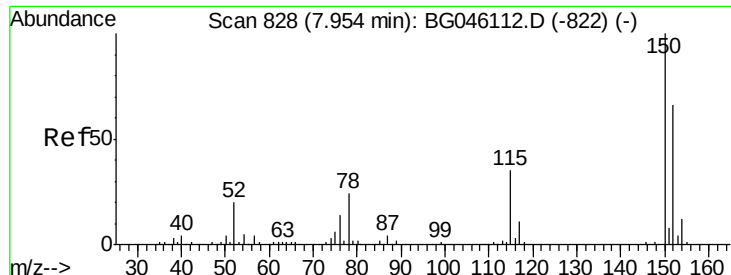
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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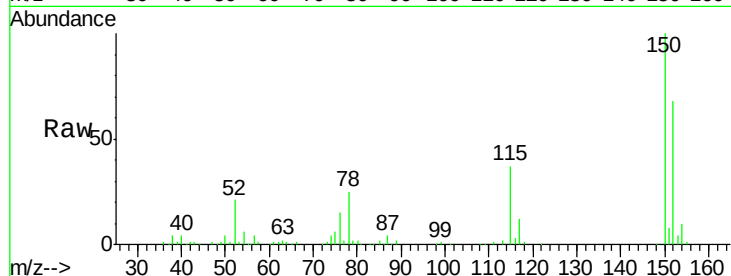


#1

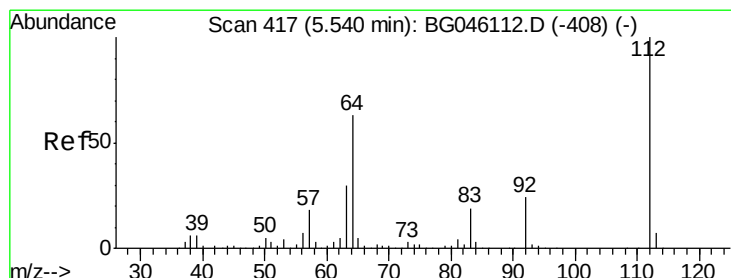
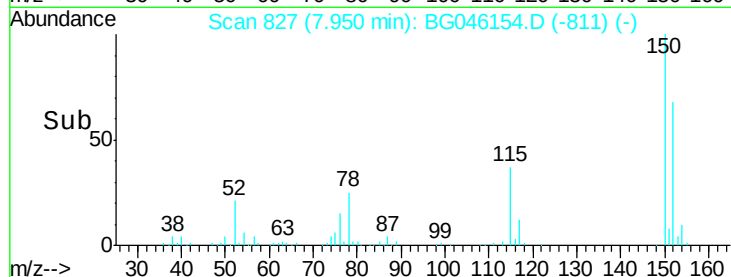
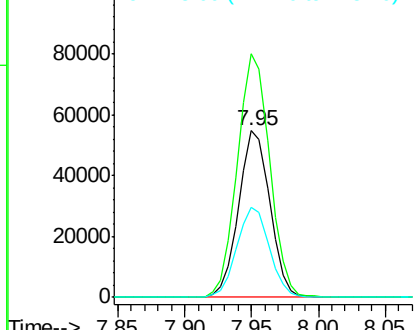
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

Instrument :
BNA_G
ClientSampleId :
PB130683BL

Tgt Ion:152 Resp: 89274
Ion Ratio Lower Upper
152 100
150 146.0 122.1 183.1
115 54.2 43.2 64.8



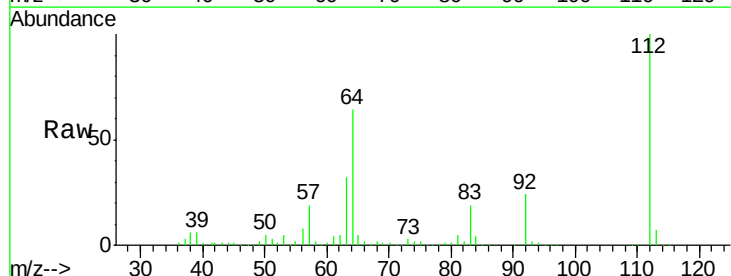
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



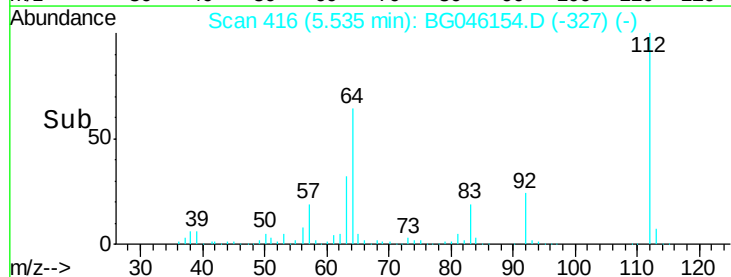
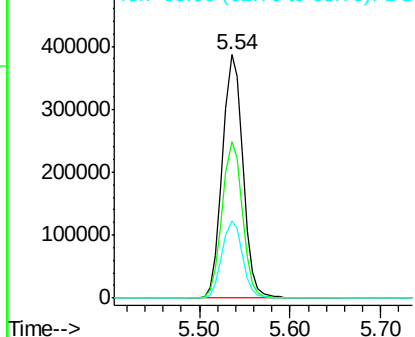
#5

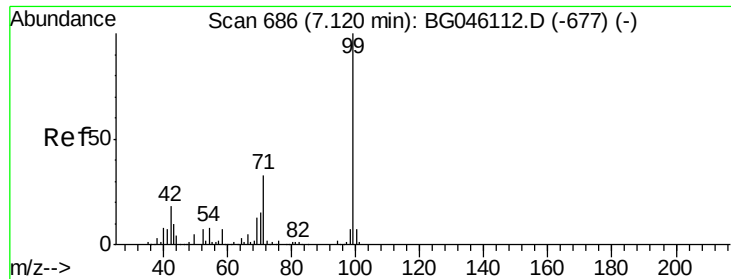
2-Fluorophenol
Concen: 118.218 ng
RT: 5.54 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

Tgt Ion:112 Resp: 607109
Ion Ratio Lower Upper
112 100
64 64.1 50.2 75.2
63 31.7 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: 110.868 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG046154.D

Acq: 3 Aug 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB130683BL

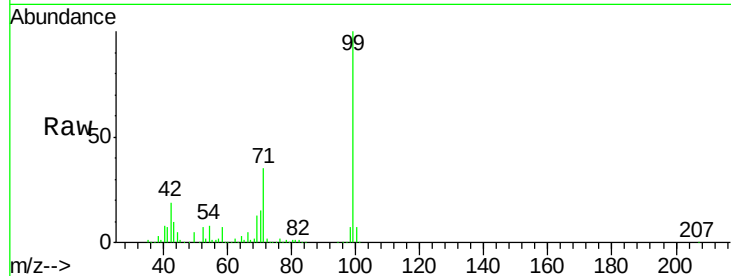
Tgt Ion: 99 Resp: 775963

Ion Ratio Lower Upper

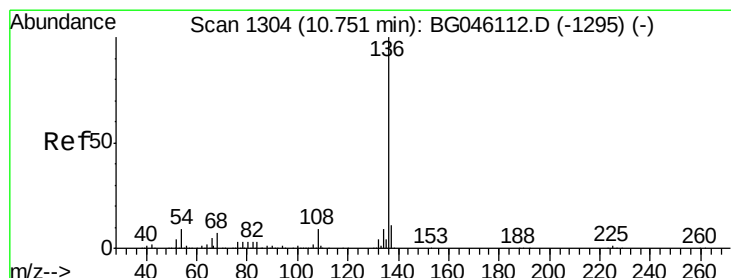
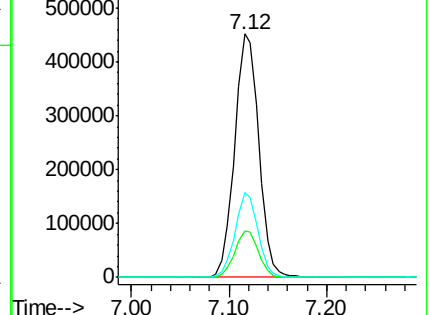
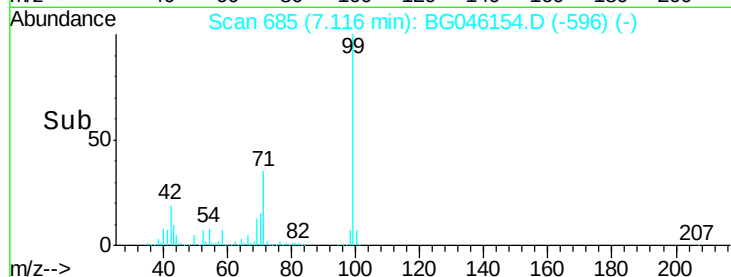
99 100

42 19.2 14.7 22.1

71 34.8 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: 10.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG046154.D

Acq: 3 Aug 2020 18:02

Tgt Ion: 136 Resp: 353560

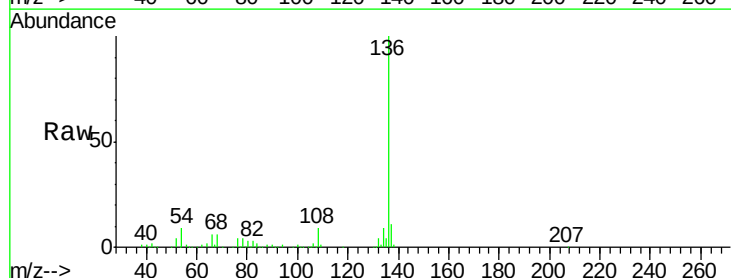
Ion Ratio Lower Upper

136 100

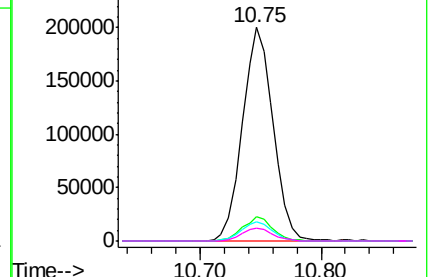
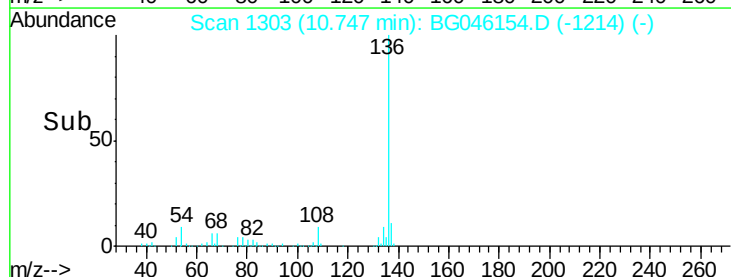
137 11.4 8.8 13.2

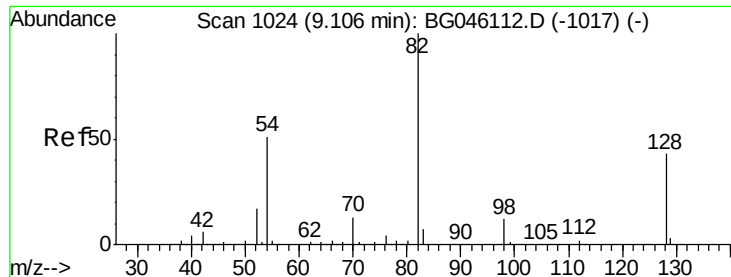
54 9.2 7.0 10.4

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

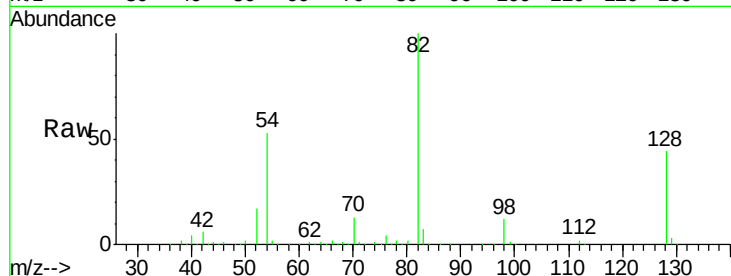




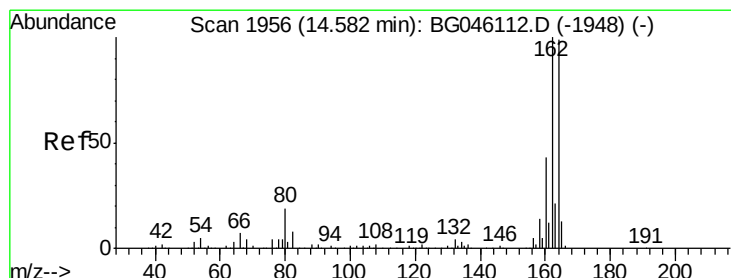
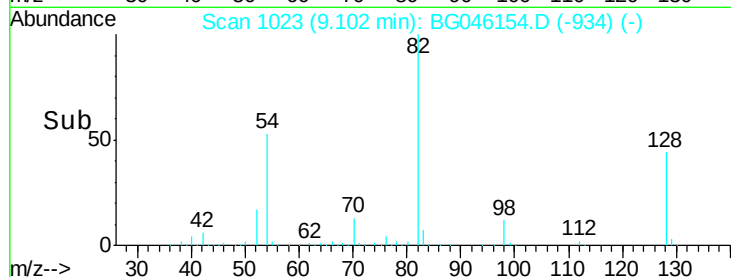
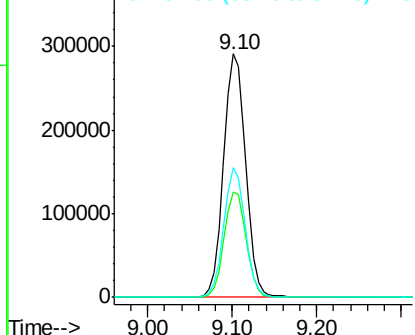
#23
Nitrobenzene-d5
Concen: 80.404 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

Instrument :
BNA_G
ClientSampleId :
PB130683BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.4	51.6
54	53.4	40.8	61.2

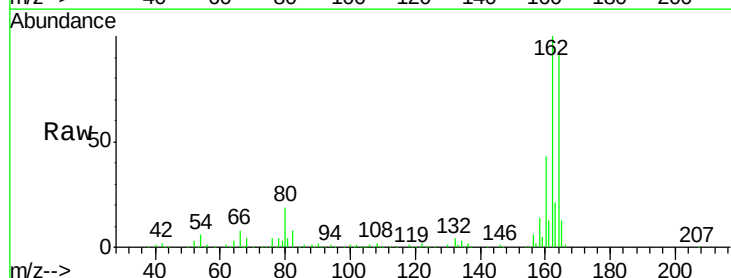


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

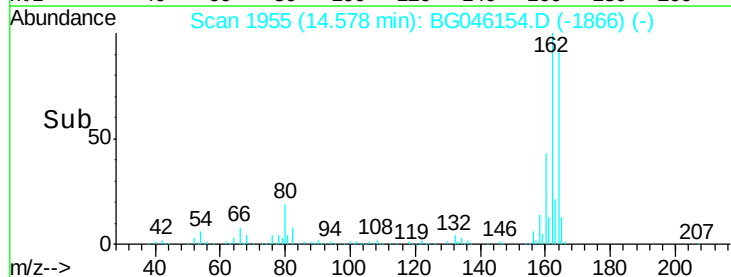
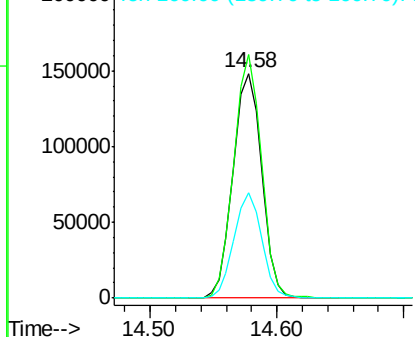


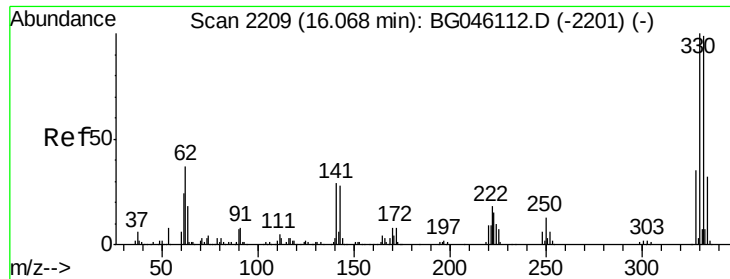
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	80.6	121.0
160	46.9	34.9	52.3



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

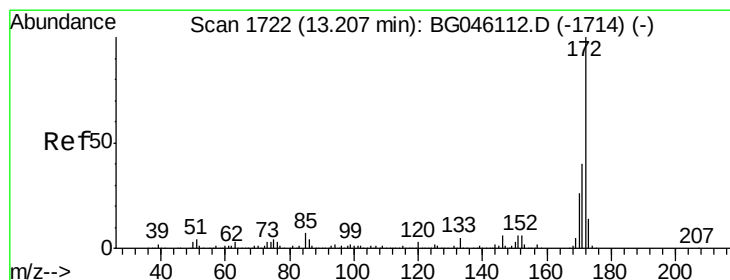
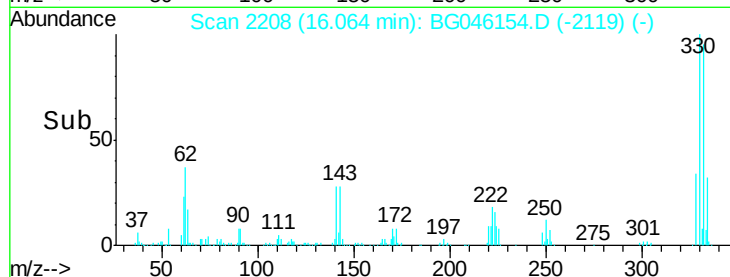
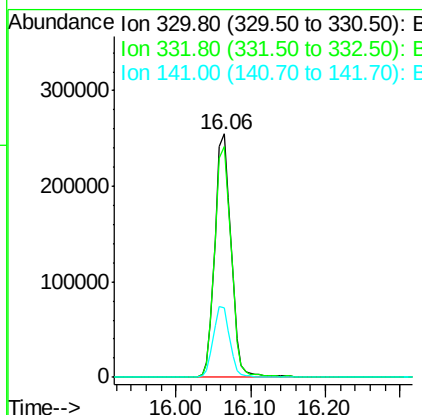
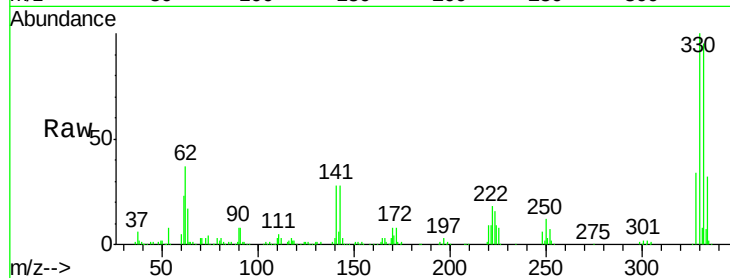




#42
 2,4,6-Tribromophenol
 Concen: 108.732 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BG046154.D
 Acq: 3 Aug 2020 18:02

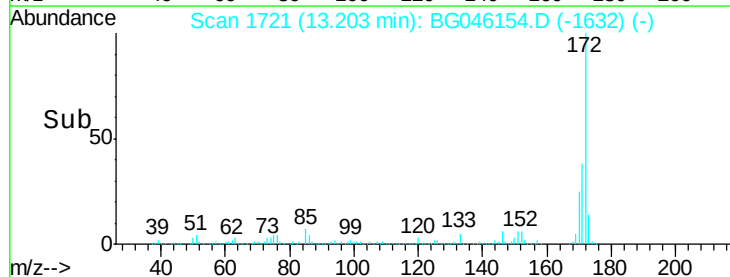
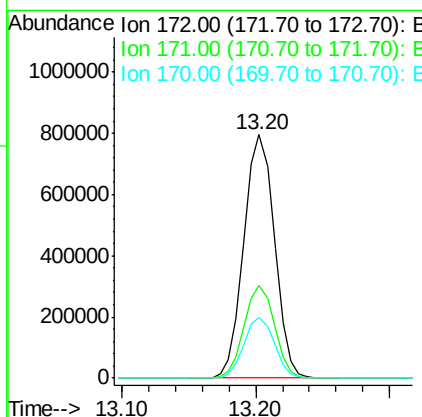
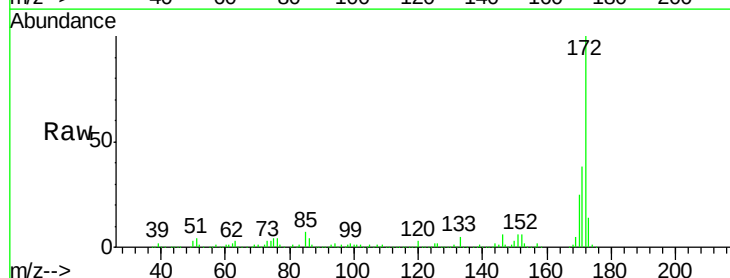
Instrument :
 BNA_G
 ClientSampleId :
 PB130683BL

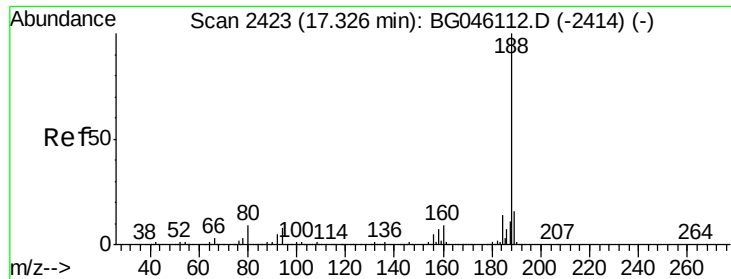
Tgt Ion:330 Resp: 387450
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 29.3 23.4 35.0



#45
 2-Fluorobiphenyl
 Concen: 78.914 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG046154.D
 Acq: 3 Aug 2020 18:02

Tgt Ion:172 Resp: 1260299
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.7 47.5
 170 24.9 20.9 31.3

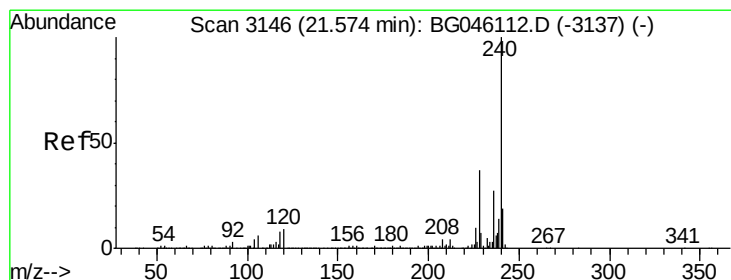
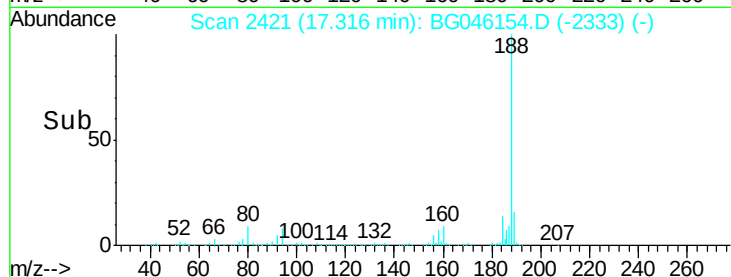
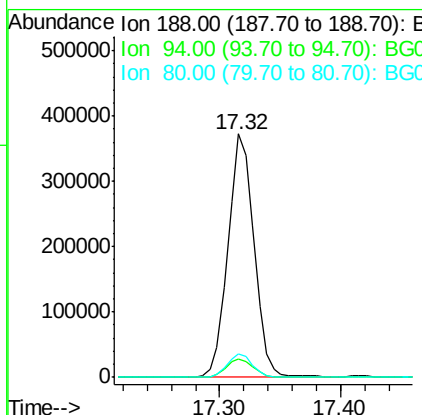
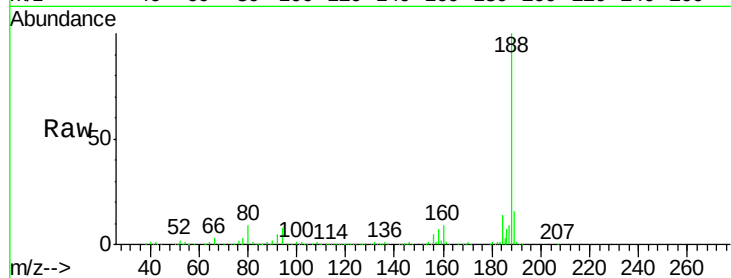




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

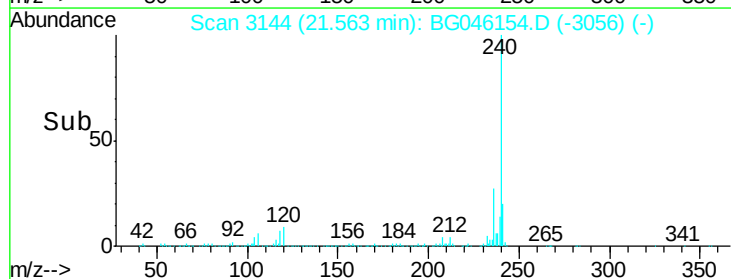
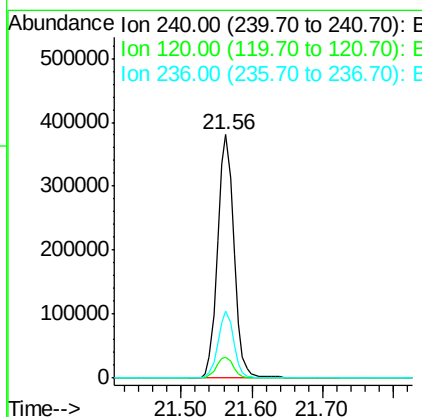
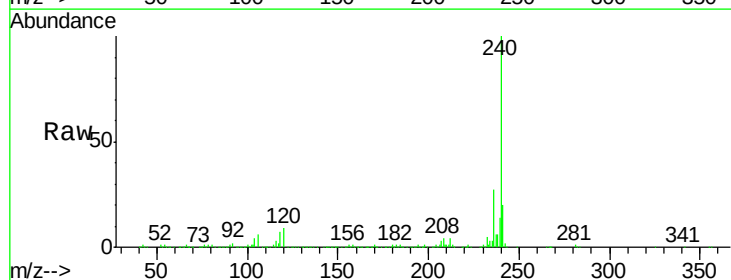
Instrument :
BNA_G
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PB130683BL

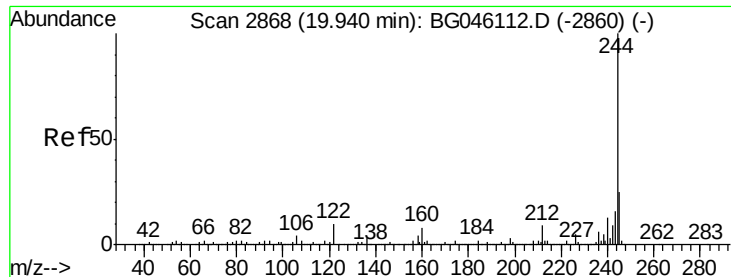
Tgt Ion:188 Resp: 559303
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 9.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

Tgt Ion:240 Resp: 616105
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 27.3 21.7 32.5





#79

Terphenyl-d14

Concen: 66.642 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046154.D

Acq: 3 Aug 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB130683BL

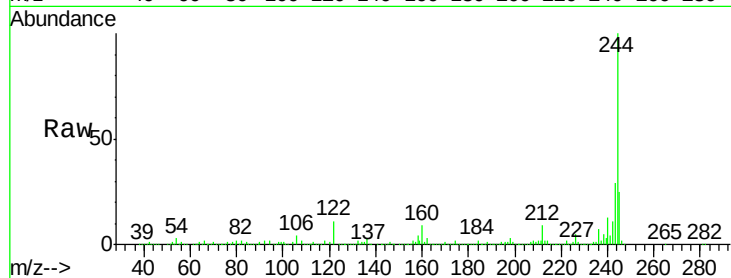
Tgt Ion:244 Resp: 2016002

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

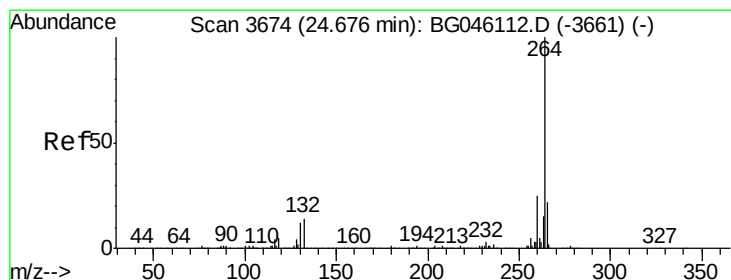
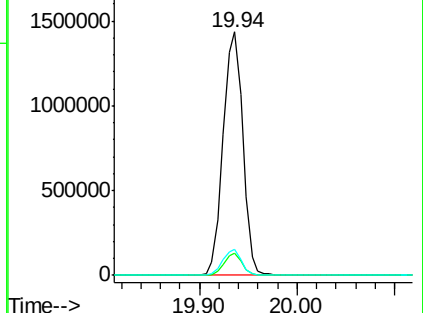
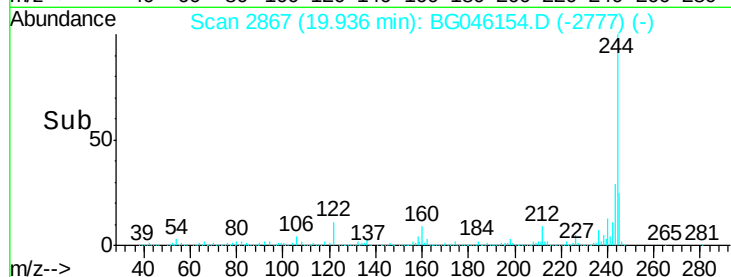
122 10.7 8.3 12.5



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# 3672

Delta R.T. -0.01 min

Lab File: BG046154.D

Acq: 3 Aug 2020 18:02

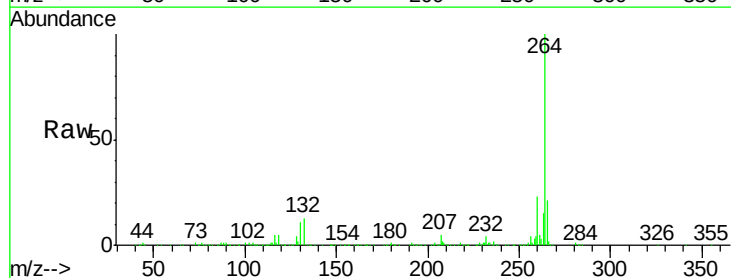
Tgt Ion:264 Resp: 631384

Ion Ratio Lower Upper

264 100

260 22.9 19.7 29.5

265 20.7 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

