

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046199.D
 Acq On : 7 Aug 2020 18:55
 Operator : CG/JU
 Sample : PB130810BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BL

Quant Time: Aug 08 00:40:42 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	99438	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	378228	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	250589	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	634020	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	722892	20.00	ng	-0.01
86) Perylene-d12	24.67	264	737248	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	634071	110.85	ng	0.00
7) Phenol-d6	7.12	99	782106	100.32	ng	0.00
23) Nitrobenzene-d5	9.10	82	506738	72.54	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	332138	86.29	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1293429	74.98	ng	0.00
79) Terphenyl-d14	19.94	244	2291022	64.55	ng	0.00

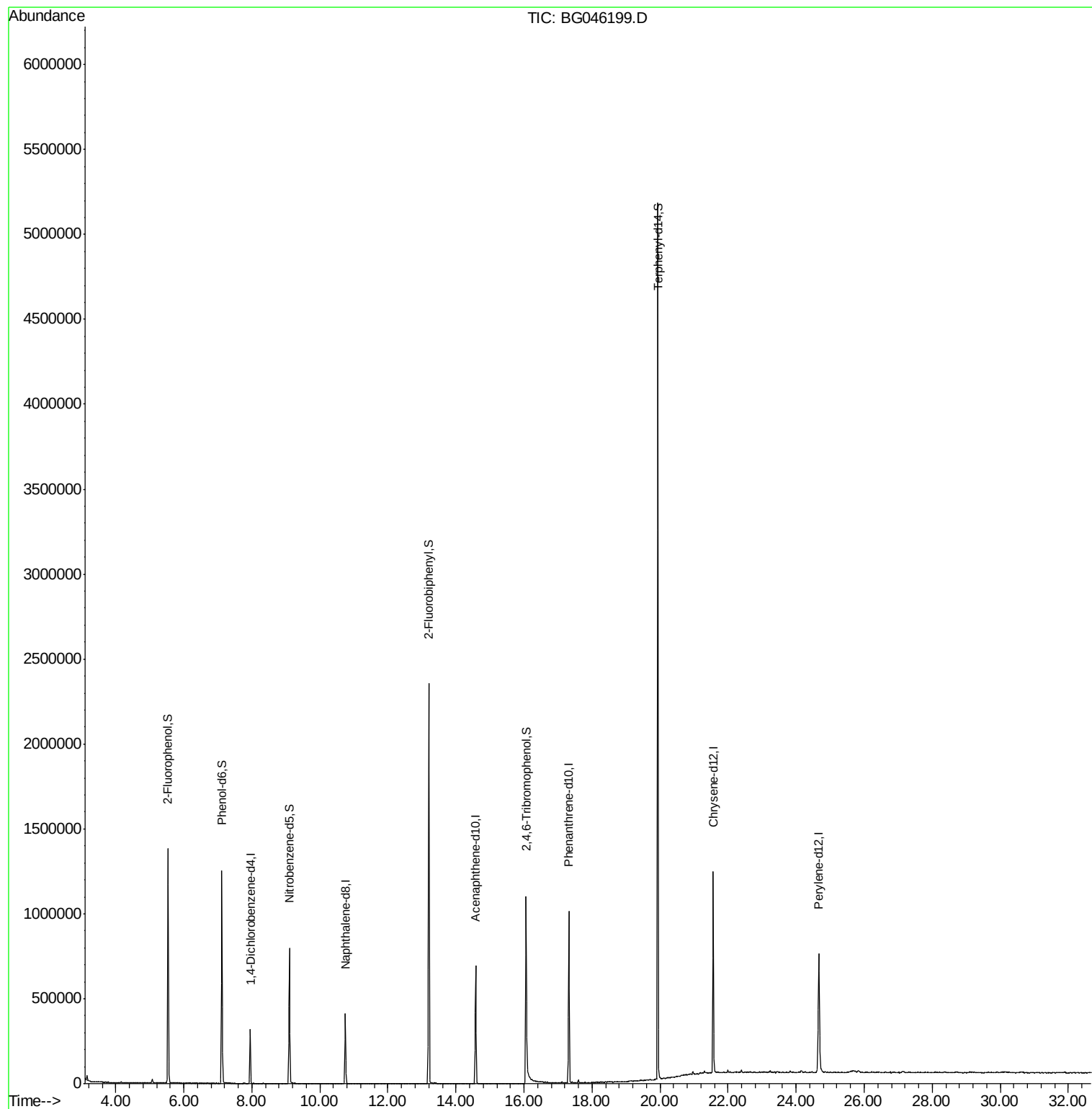
Target Compounds Qvalue

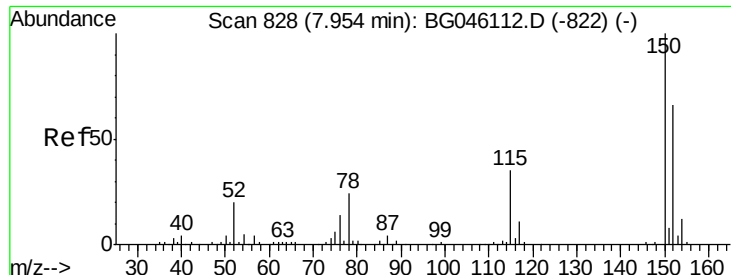
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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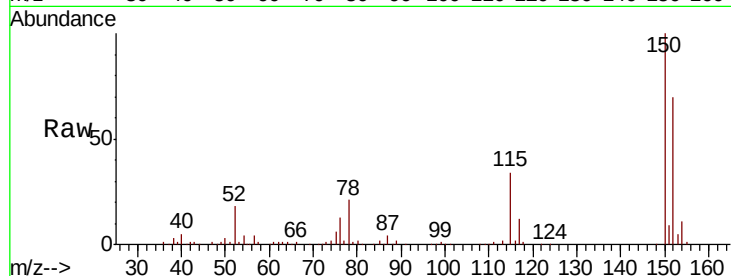


#1

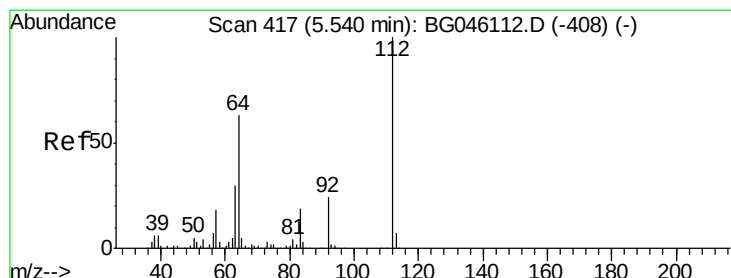
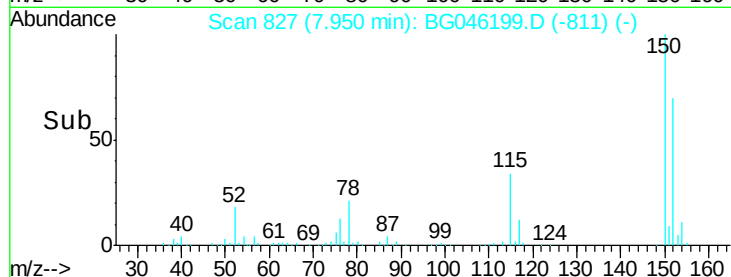
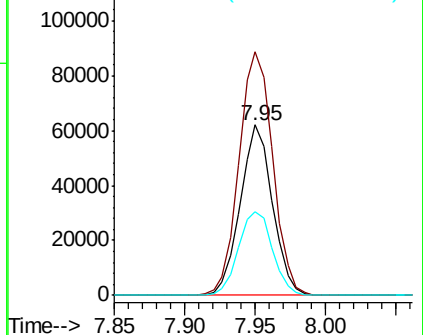
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB130810BL

Tot Ion:152 Resp: 99438
Ion Ratio Lower Upper
152 100
150 143.1 122.1 183.1
115 49.2 43.2 64.8



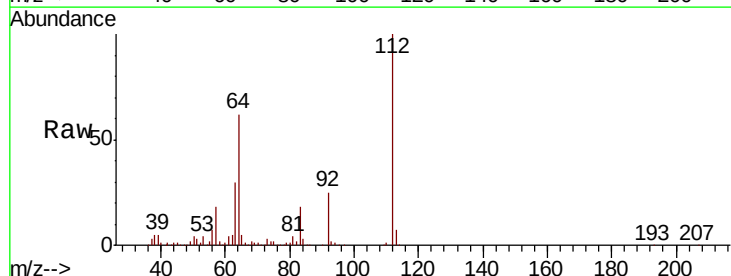
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



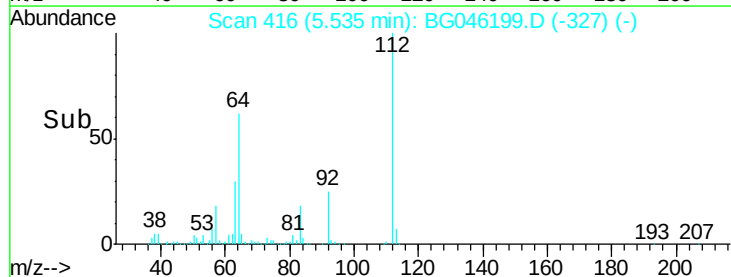
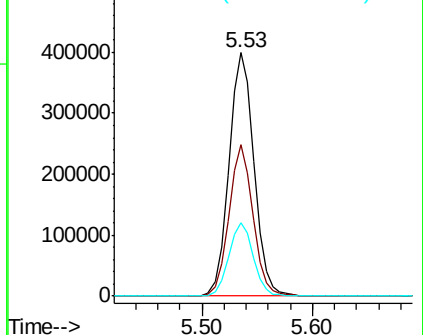
#5

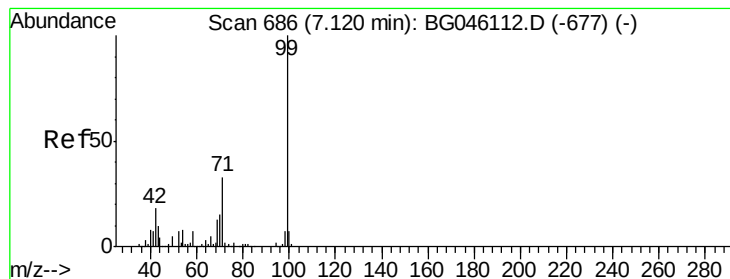
2-Fluorophenol
Concen: 110.848 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Tgt Ion:112 Resp: 634071
Ion Ratio Lower Upper
112 100
64 62.3 50.2 75.2
63 30.1 24.2 36.4



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





#7

Phenol-d6

Concen: 100.323 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG046199.D

Acq: 7 Aug 2020 18:55

Instrument :

BNA_G

ClientSampleId :

PB130810BL

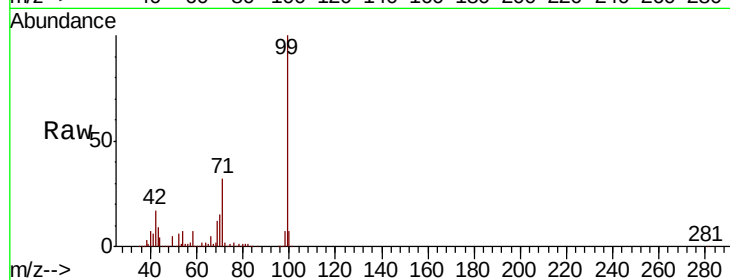
Tot Ion: 99 Resp: 782106

Ion Ratio Lower Upper

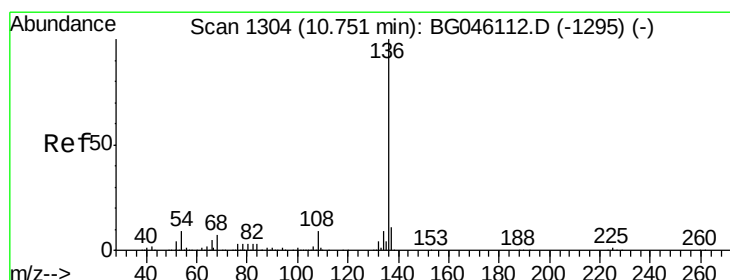
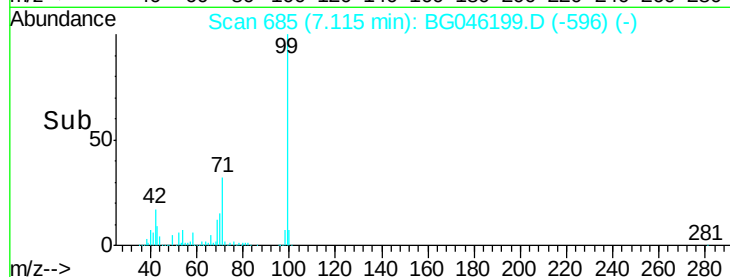
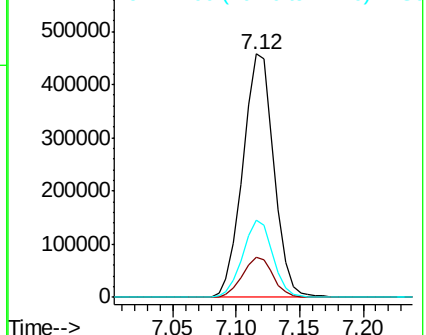
99 100

42 16.5 14.7 22.1

71 31.9 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: BG046199.D

Acq: 7 Aug 2020 18:55

Tgt Ion: 136 Resp: 378228

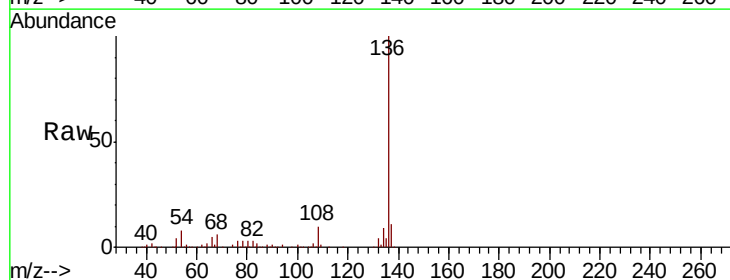
Ion Ratio Lower Upper

136 100

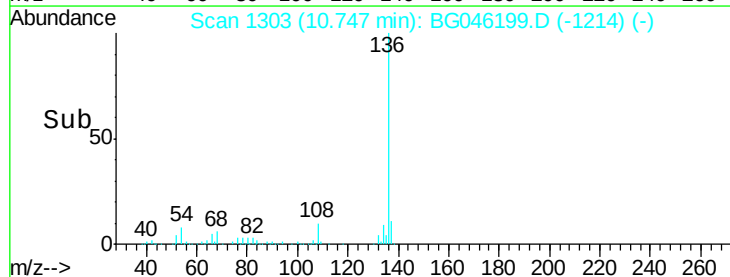
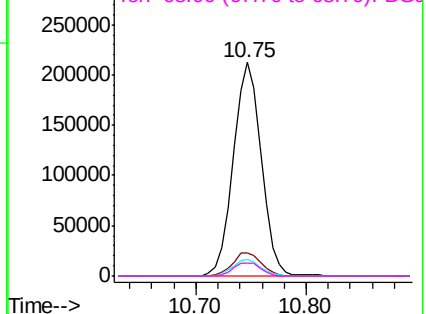
137 10.5 8.8 13.2

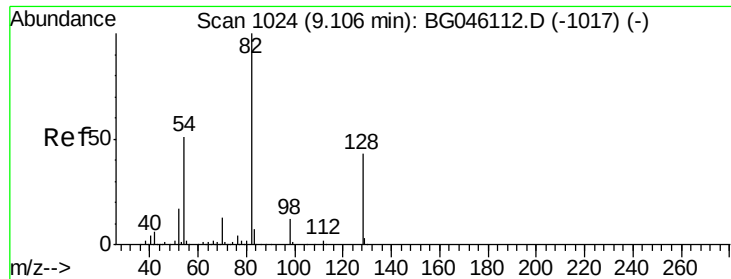
54 7.6 7.0 10.4

68 5.8 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

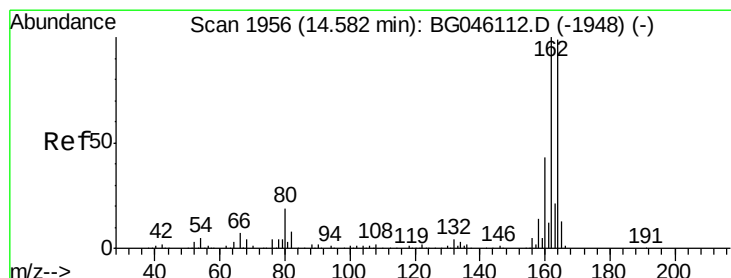
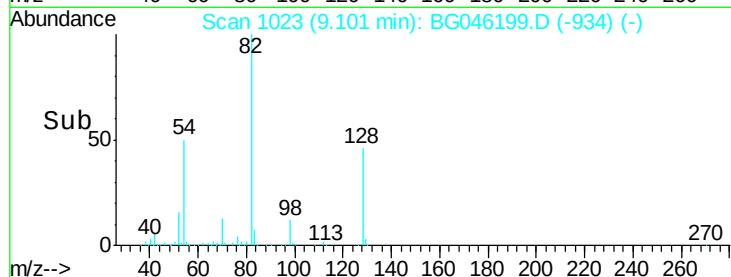
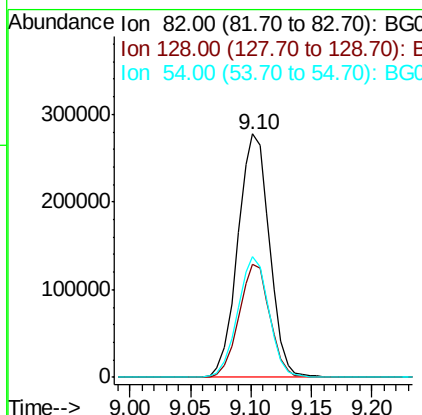
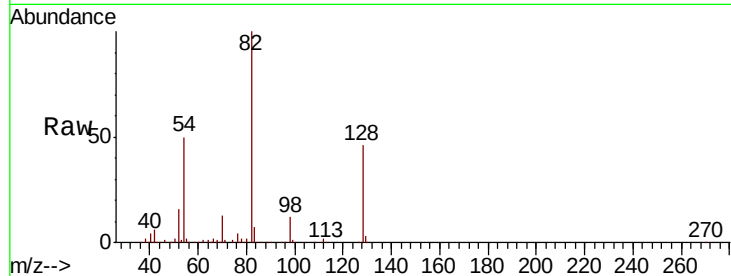




#23
 Nitrobenzene-d5
 Concen: 72.539 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG046199.D
 Acq: 7 Aug 2020 18:55

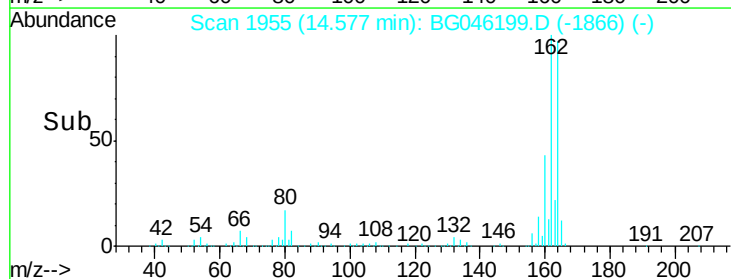
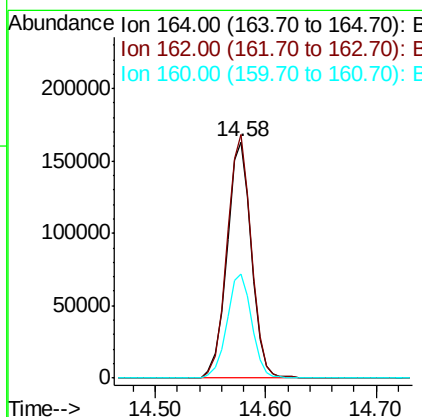
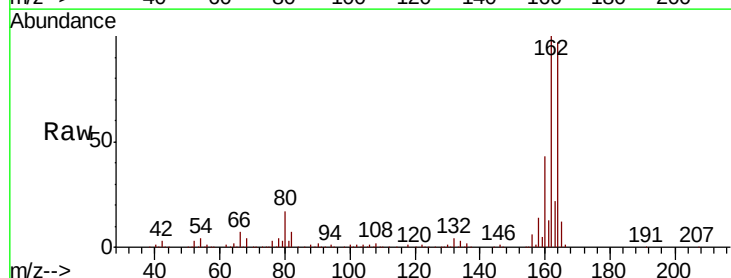
Instrument :
 BNA_G
 ClientSampleId :
 PB130810BL

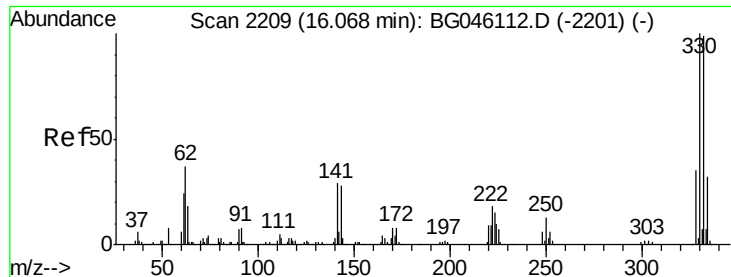
Tot Ion	82.00	Resp	506738
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.4	51.6
54	49.9	40.8	61.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG046199.D
 Acq: 7 Aug 2020 18:55

Tgt Ion	164.00	Resp	250589
Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.6	121.0
160	43.9	34.9	52.3

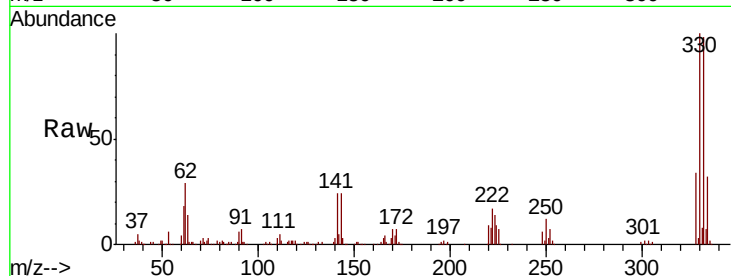




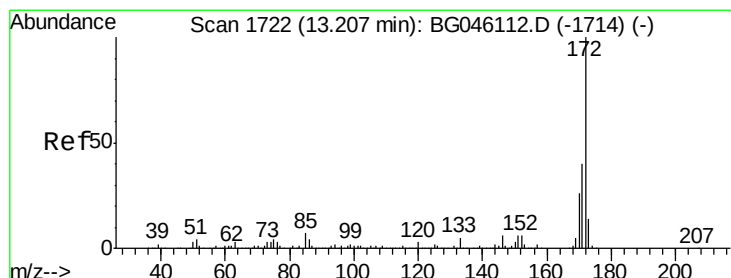
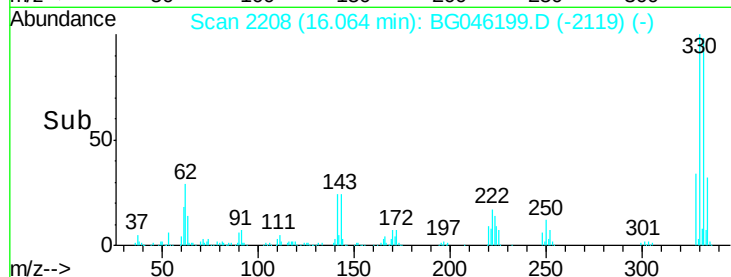
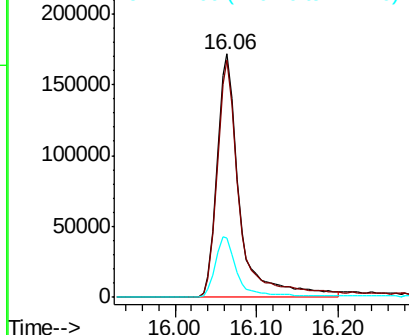
#42
 2,4,6-Tribromophenol
 Concen: 86.292 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BG046199.D
 Acq: 7 Aug 2020 18:55

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	24.6	23.4	35.0

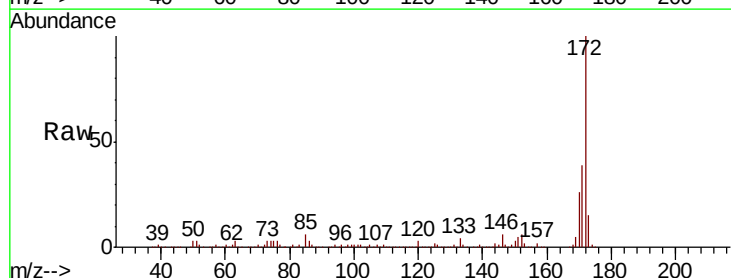


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

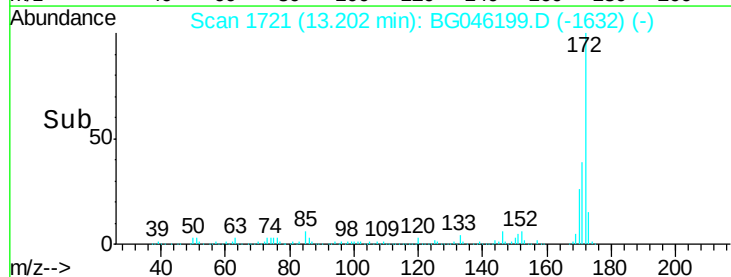
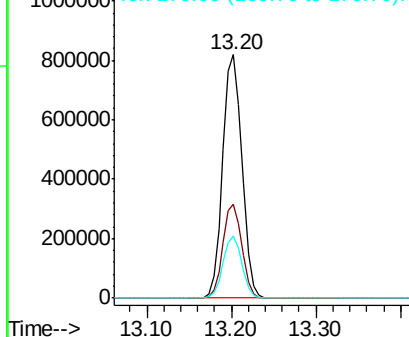


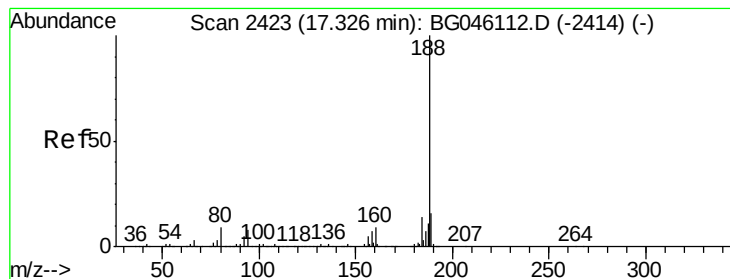
#45
 2-Fluorobiphenyl
 Concen: 74.978 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG046199.D
 Acq: 7 Aug 2020 18:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.7	47.5
170	25.5	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: BG046199.D

Acq: 7 Aug 2020 18:55

Instrument :

BNA_G

ClientSampleId :

PB130810BL

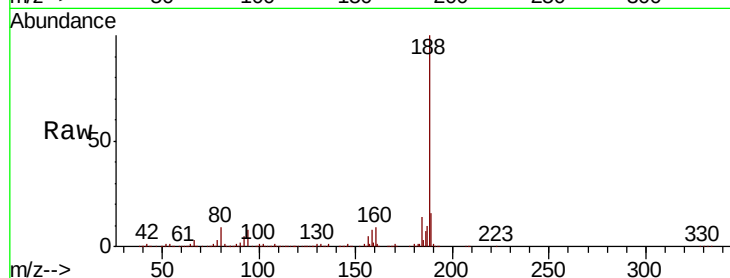
Tot Ion:188 Resp: 634020

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 9.2 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

600000

500000

400000

300000

200000

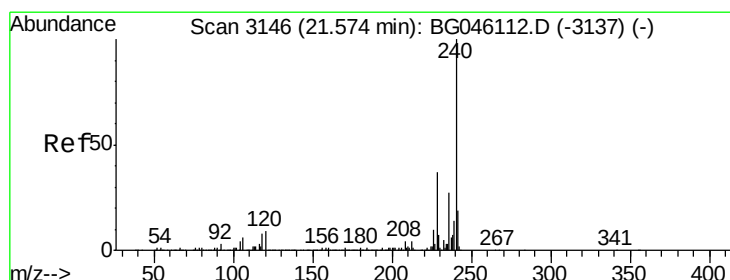
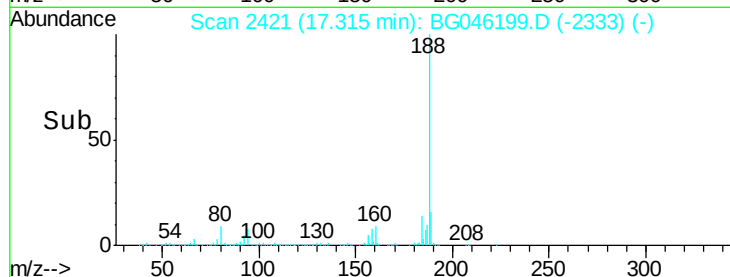
100000

0

17.32

17.30 17.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046199.D

Acq: 7 Aug 2020 18:55

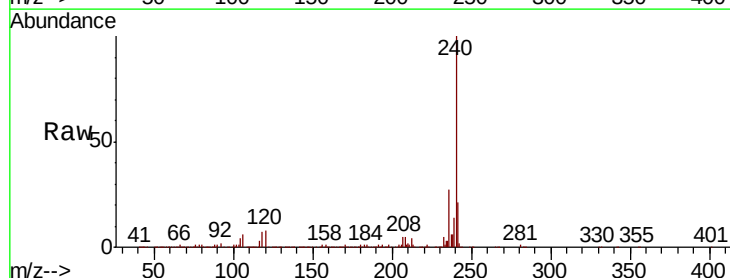
Tgt Ion:240 Resp: 722892

Ion Ratio Lower Upper

240 100

120 8.1 7.1 10.7

236 26.7 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

600000

500000

400000

300000

200000

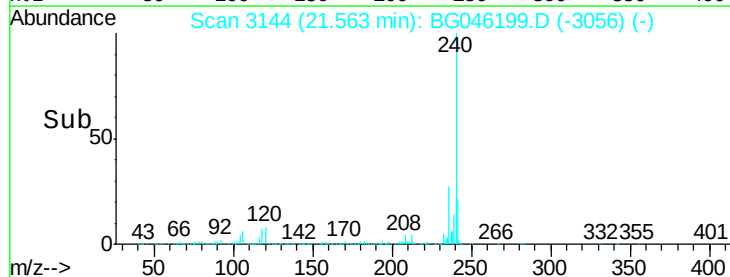
100000

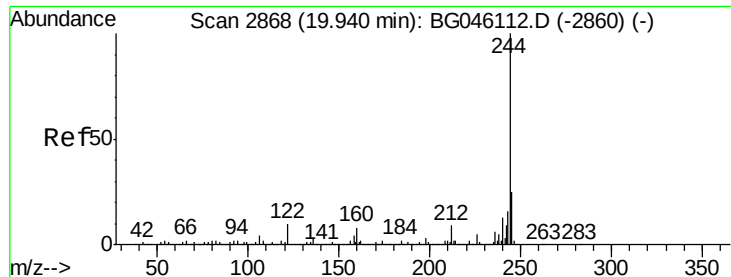
0

21.56

21.50 21.60 21.70

Time-->





#79

Terphenyl-d14

Concen: 64.546 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046199.D

Acq: 7 Aug 2020 18:55

Instrument :

BNA_G

ClientSampleId :

PB130810BL

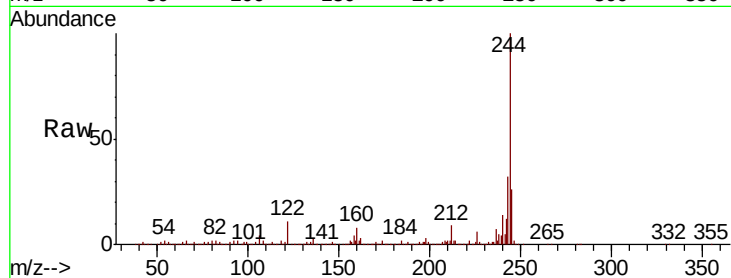
Tot Ion:244 Resp: 2291022

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

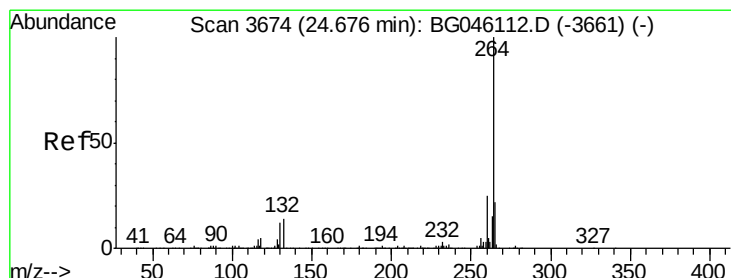
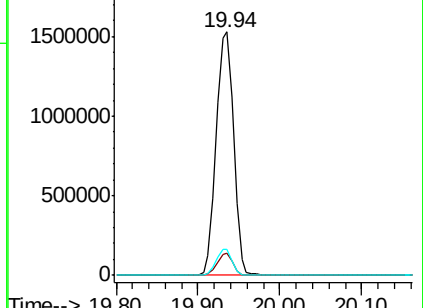
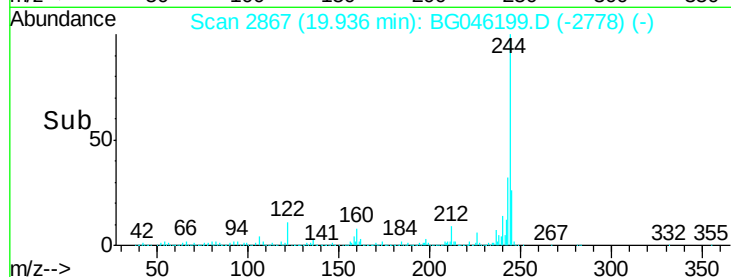
122 10.5 8.3 12.5



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: BG046199.D

Acq: 7 Aug 2020 18:55

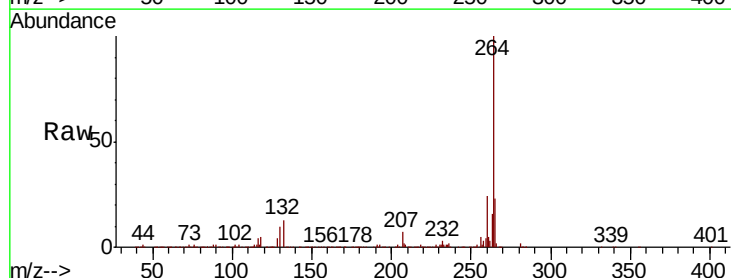
Tgt Ion:264 Resp: 737248

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 22.7 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

