

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046144.D
 Acq On : 1 Aug 2020 4:55
 Operator : CG/JU
 Sample : L3511-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Aug 01 06:02:15 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	88234	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	340153	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	209852	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	500463	20.00	ng	0.00
76) Chrysene-d12	21.57	240	591271	20.00	ng	0.00
86) Perylene-d12	24.67	264	594749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	528054	104.04	ng	0.00
7) Phenol-d6	7.12	99	621571	89.86	ng	0.00
23) Nitrobenzene-d5	9.10	82	507602	80.80	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	354458	109.97	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1097587	75.98	ng	0.00
79) Terphenyl-d14	19.93	244	1933033	66.58	ng	0.00

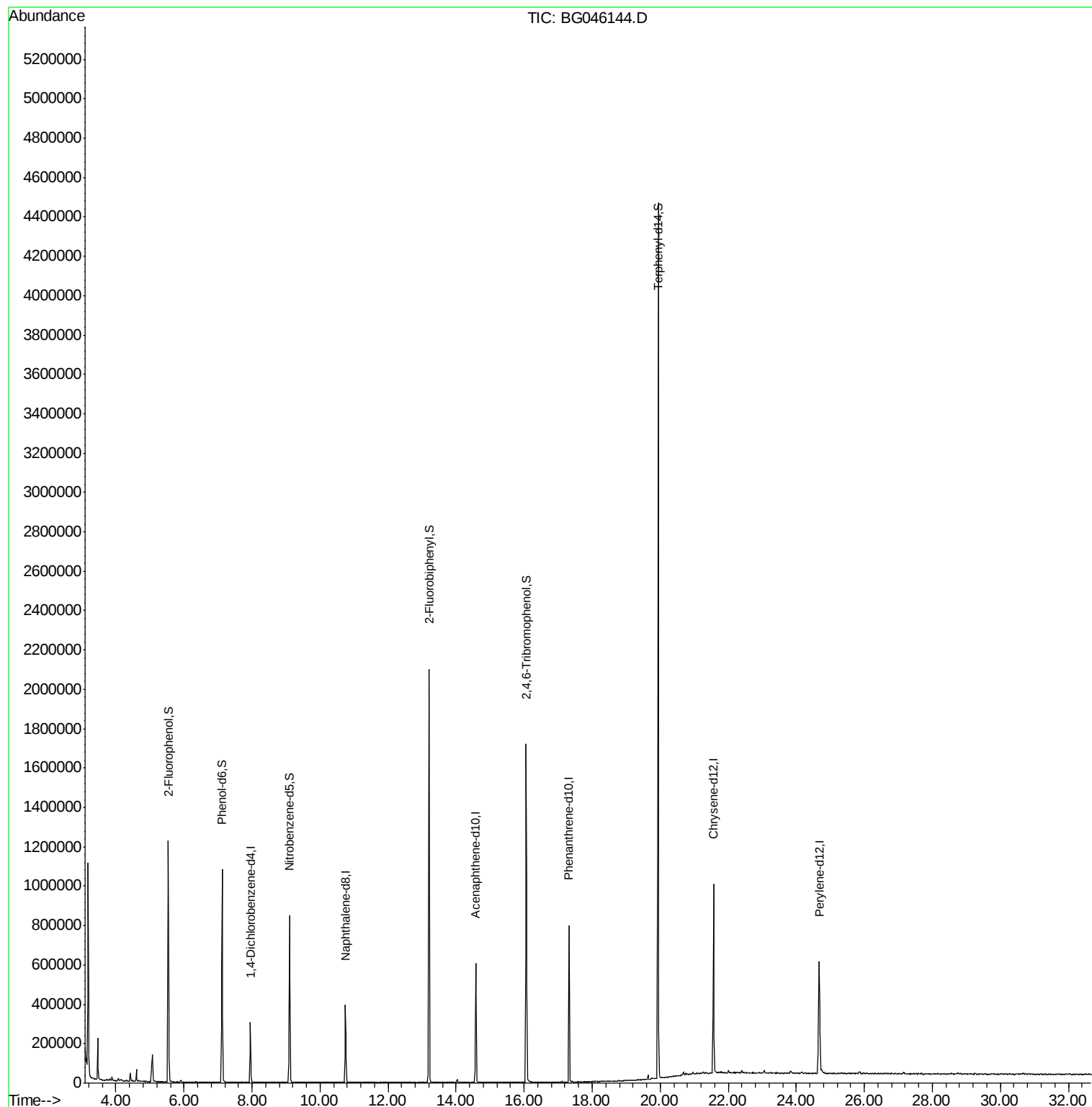
Target Compounds Qvalue

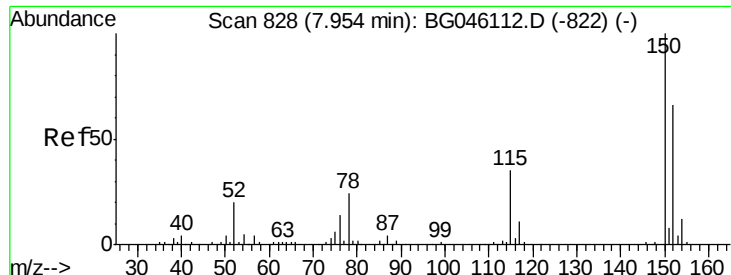
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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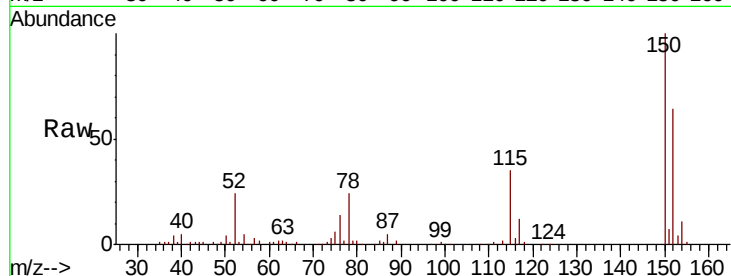


#1

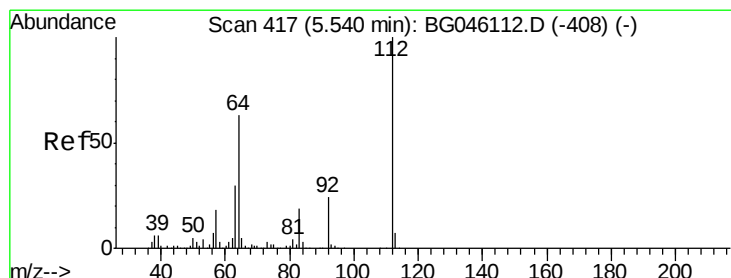
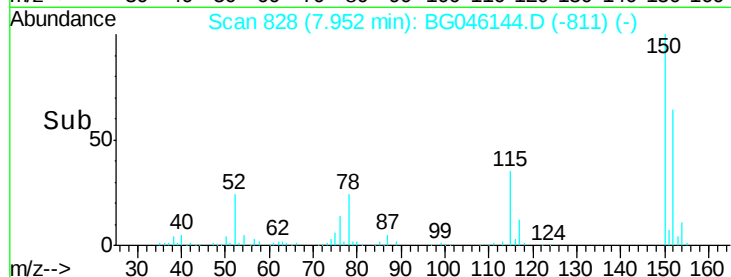
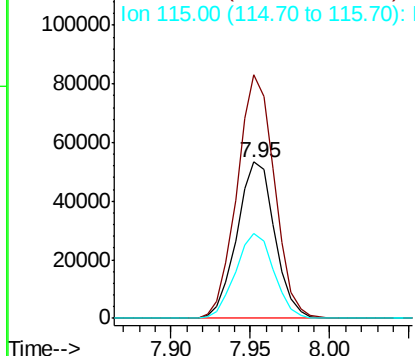
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion:152 Resp: 88234
Ion Ratio Lower Upper
152 100
150 156.0 122.1 183.1
115 54.7 43.2 64.8



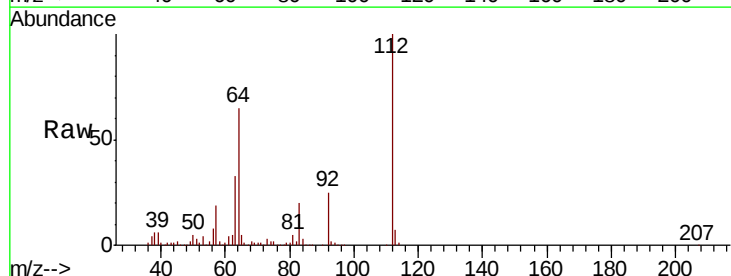
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



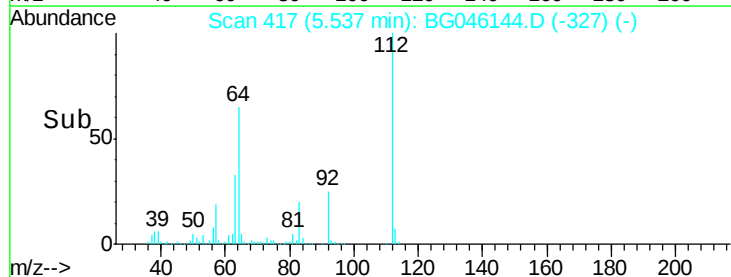
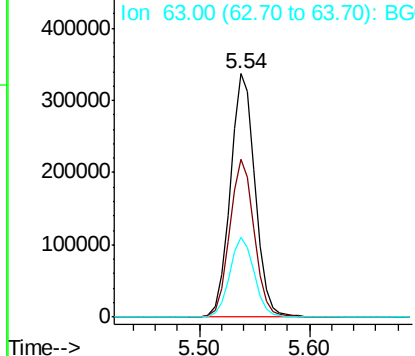
#5

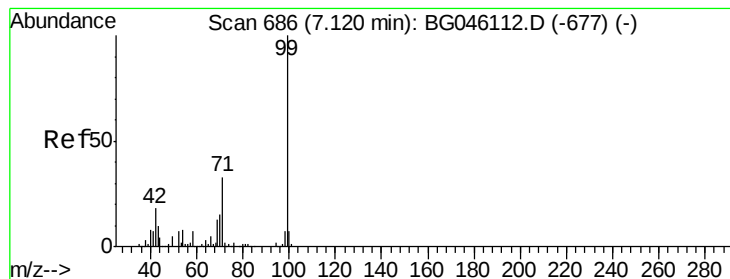
2-Fluorophenol
Concen: 104.036 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

Tgt Ion:112 Resp: 528054
Ion Ratio Lower Upper
112 100
64 64.8 50.2 75.2
63 32.6 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: 89.855 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046144.D

Acq: 1 Aug 2020 4:55

Instrument :

BNA_G

ClientSampleId :

TP-3

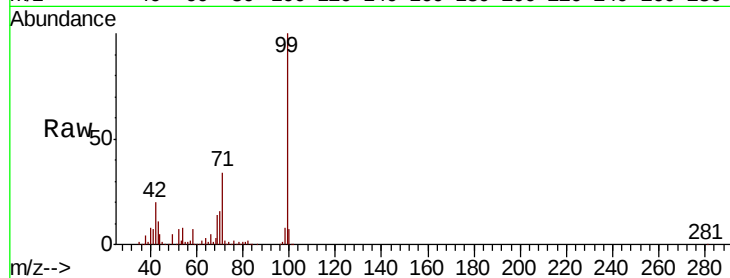
Tot Ion: 99 Resp: 621571

Ion Ratio Lower Upper

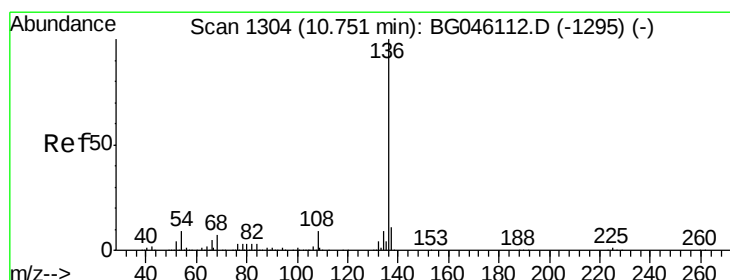
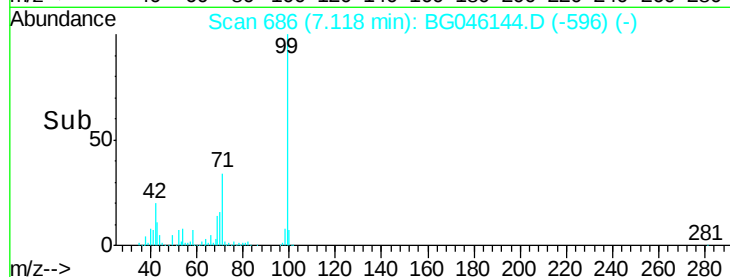
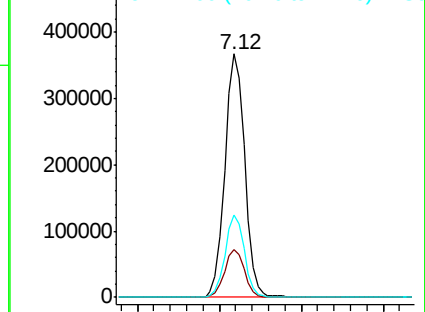
99 100

42 19.7 14.7 22.1

71 33.8 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# 1304

Delta R.T. -0.00 min

Lab File: BG046144.D

Acq: 1 Aug 2020 4:55

Tgt Ion: 136 Resp: 340153

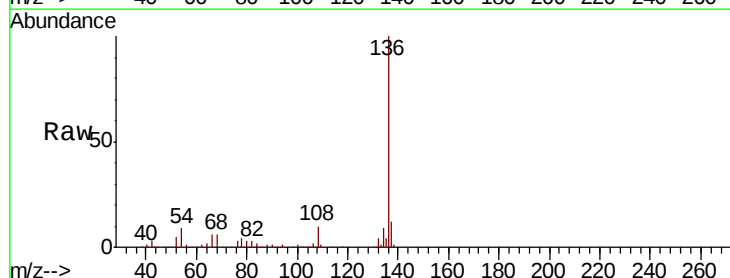
Ion Ratio Lower Upper

136 100

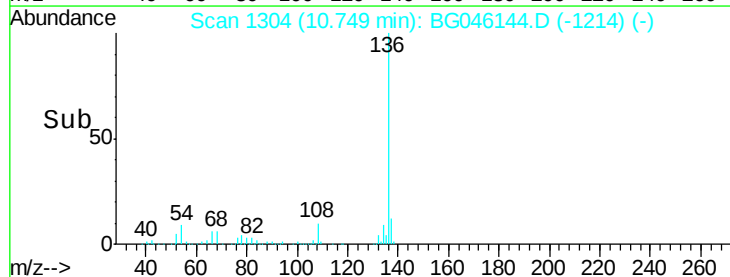
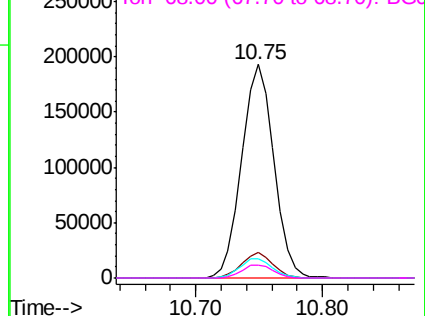
137 12.2 8.8 13.2

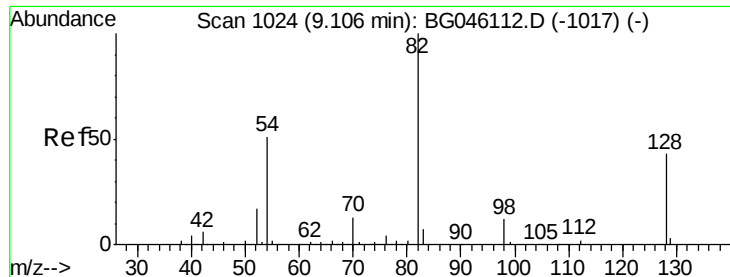
54 9.0 7.0 10.4

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

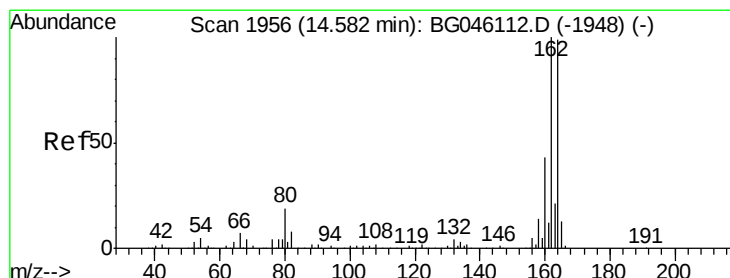
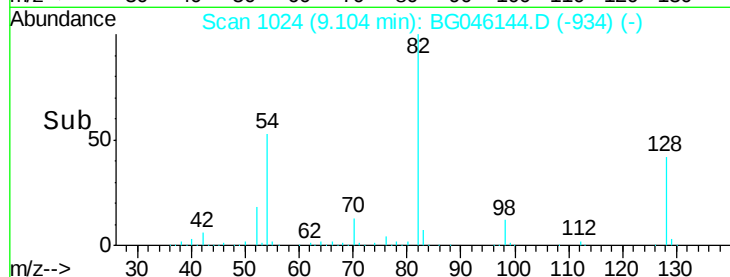
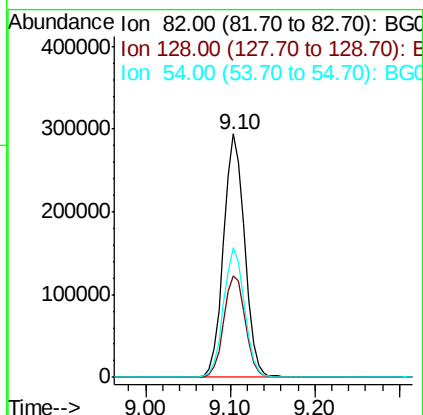
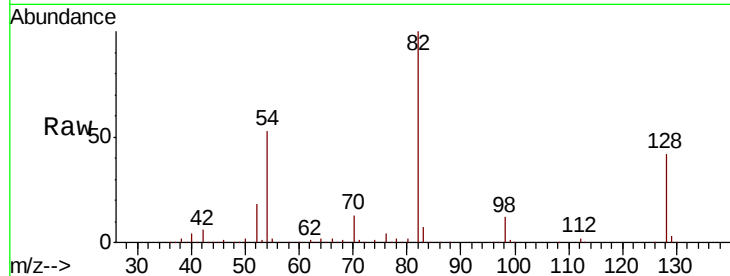




#23
Nitrobenzene-d5
Concen: 80.796 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

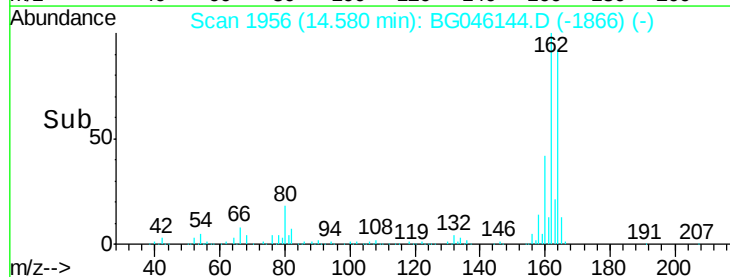
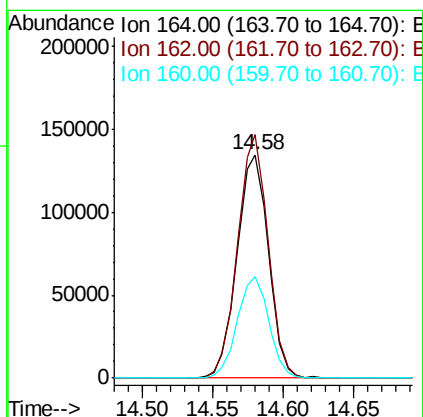
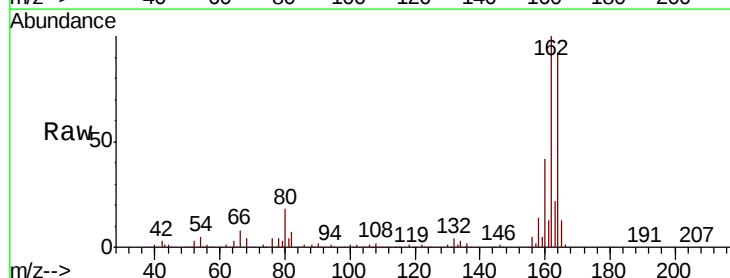
Instrument :
BNA_G
ClientSampled :
TP-3

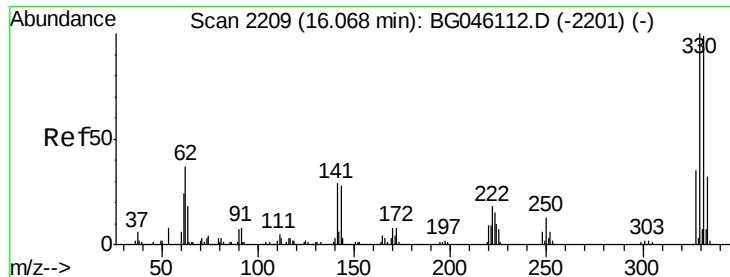
Tot Ion	82	Resp	507602
Ion Ratio	100	Lower	Upper
128	41.9	34.4	51.6
54	53.3	40.8	61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

Tgt Ion	164	Resp	209852
Ion Ratio	100	Lower	Upper
162	108.8	80.6	121.0
160	45.6	34.9	52.3

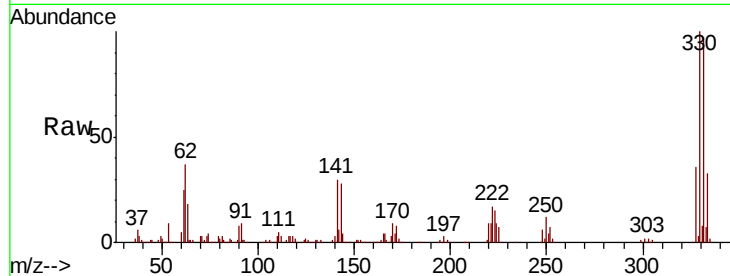




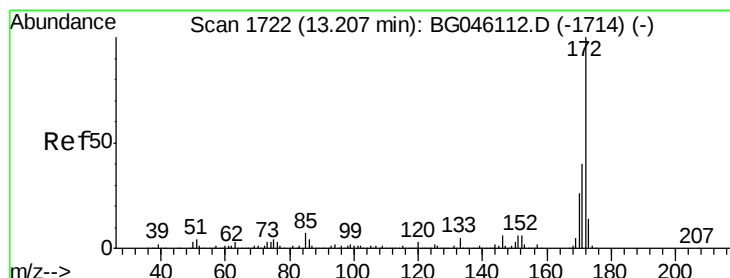
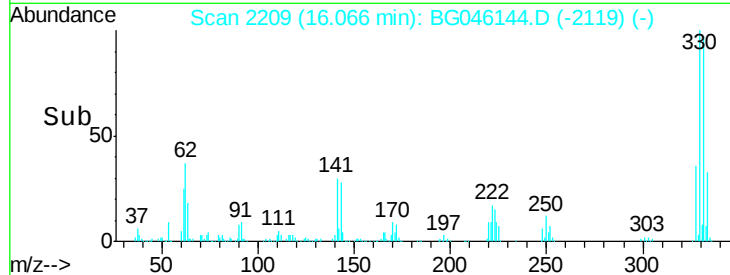
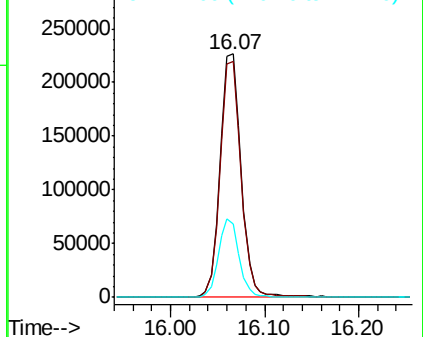
#42
 2,4,6-Tribromophenol
 Concen: 109.968 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG046144.D
 Acq: 1 Aug 2020 4:55

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tot Ion:330 Resp: 354458
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 31.5 23.4 35.0

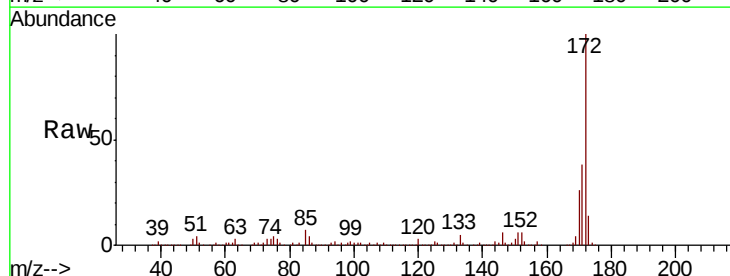


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

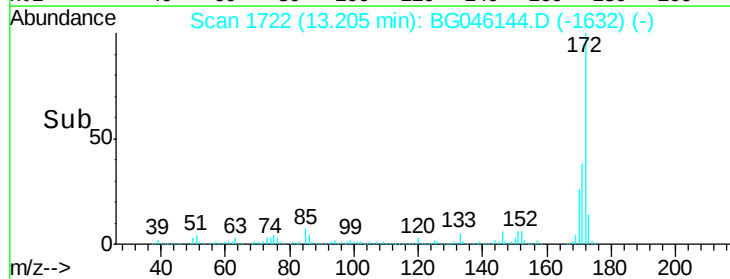
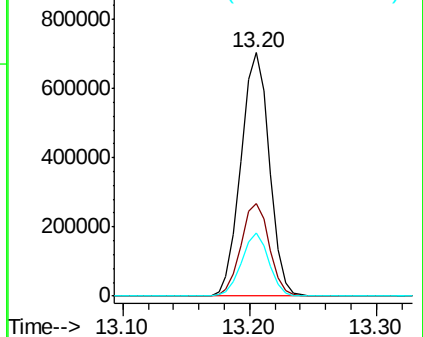


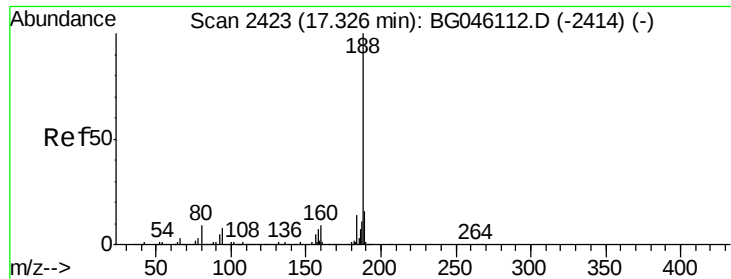
#45
 2-Fluorobiphenyl
 Concen: 75.977 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046144.D
 Acq: 1 Aug 2020 4:55

Tgt Ion:172 Resp: 1097587
 Ion Ratio Lower Upper
 172 100
 171 38.2 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: BG046144.D

Acq: 1 Aug 2020 4:55

Instrument :

BNA_G

ClientSampleId :

TP-3

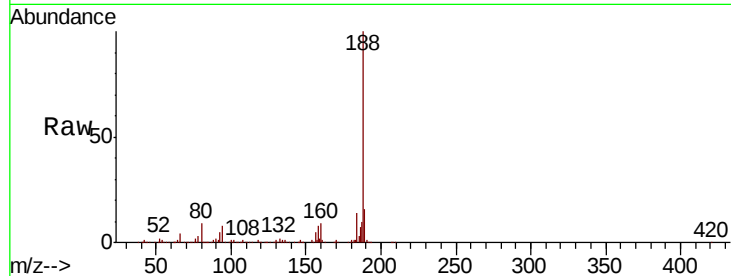
Tot Ion:188 Resp: 500463

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

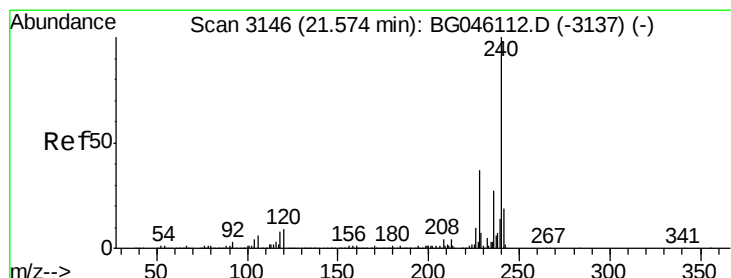
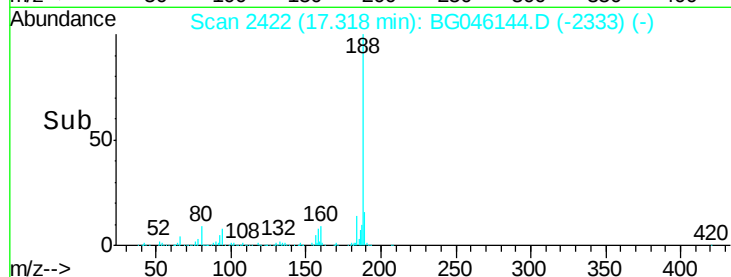
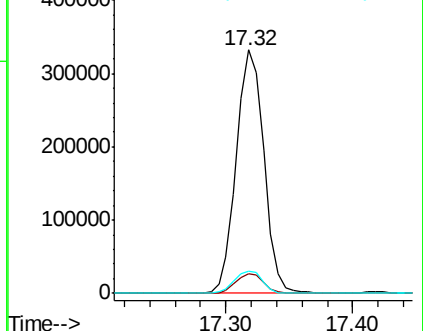
80 9.2 7.4 11.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046144.D

Acq: 1 Aug 2020 4:55

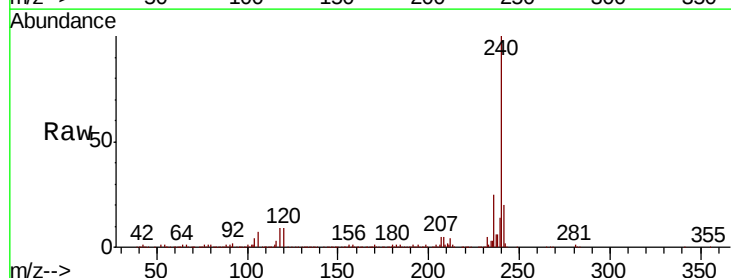
Tgt Ion:240 Resp: 591271

Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

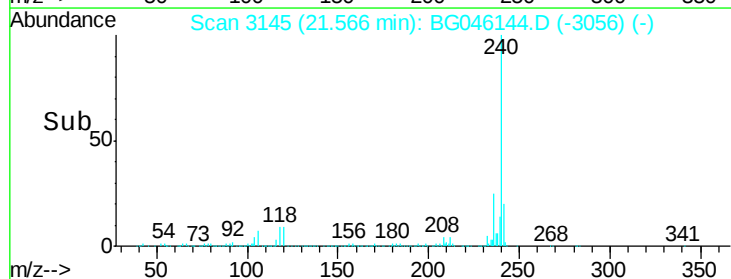
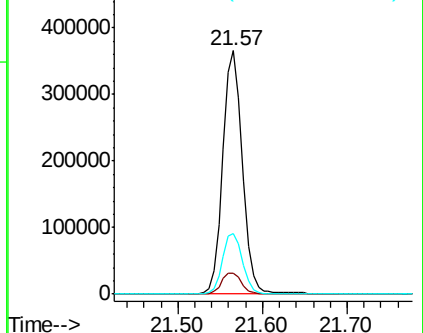
236 25.0 21.7 32.5

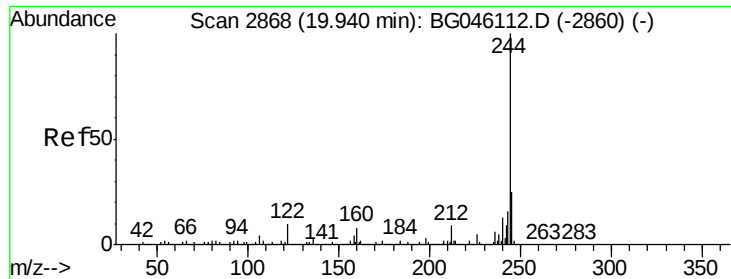


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.583 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046144.D

Acq: 1 Aug 2020 4:55

Instrument :

BNA_G

ClientSampleId :

TP-3

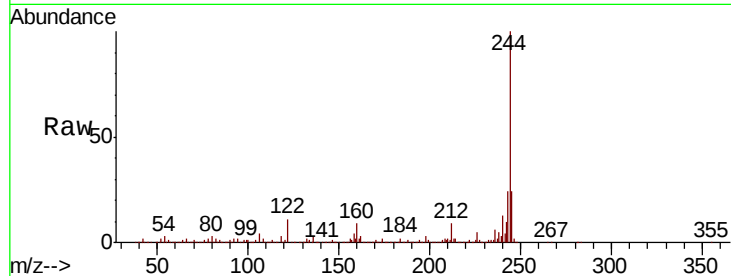
Tot Ion:244 Resp: 1933033

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

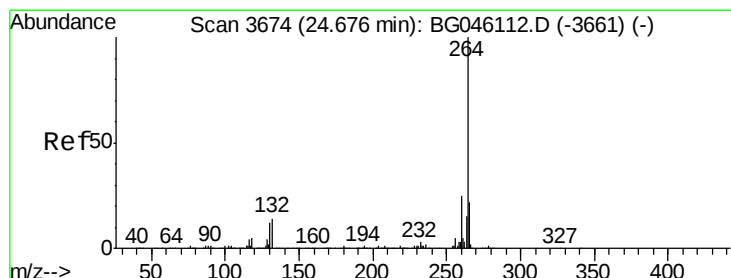
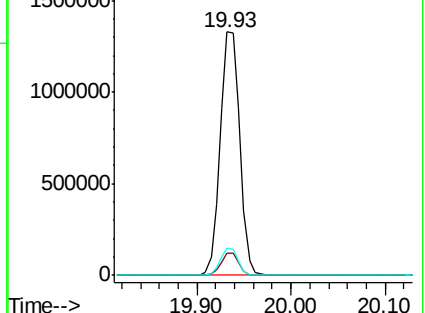
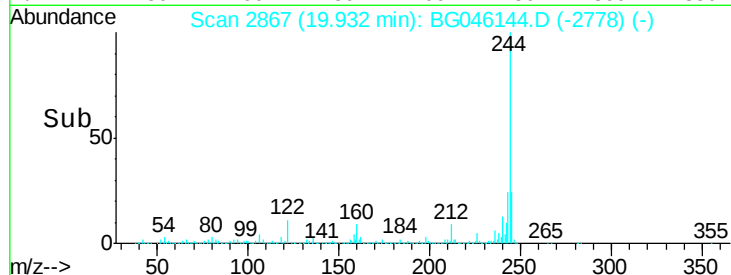
122 11.1 8.3 12.5



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# 3674

Delta R.T. -0.00 min

Lab File: BG046144.D

Acq: 1 Aug 2020 4:55

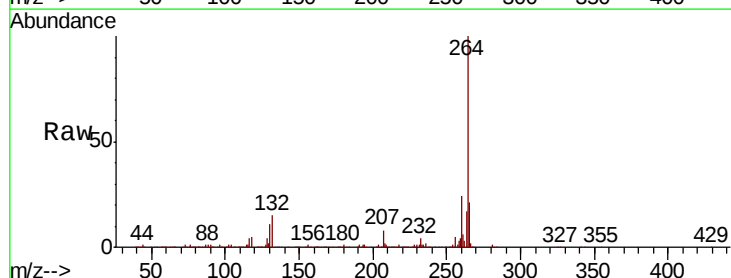
Tgt Ion:264 Resp: 594749

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.4 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

