

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046145.D
 Acq On : 1 Aug 2020 5:35
 Operator : CG/JU
 Sample : L3511-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP

Quant Time: Aug 01 06:24:57 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	94153	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	351304	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	220920	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	518845	20.00	ng	0.00
76) Chrysene-d12	21.56	240	593150	20.00	ng	-0.01
86) Perylene-d12	24.68	264	600134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	559394	103.28	ng	0.00
7) Phenol-d6	7.12	99	645322	87.42	ng	0.00
23) Nitrobenzene-d5	9.11	82	551799	85.04	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	399149	117.63	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1195094	78.58	ng	0.00
79) Terphenyl-d14	19.93	244	2076991	71.32	ng	0.00

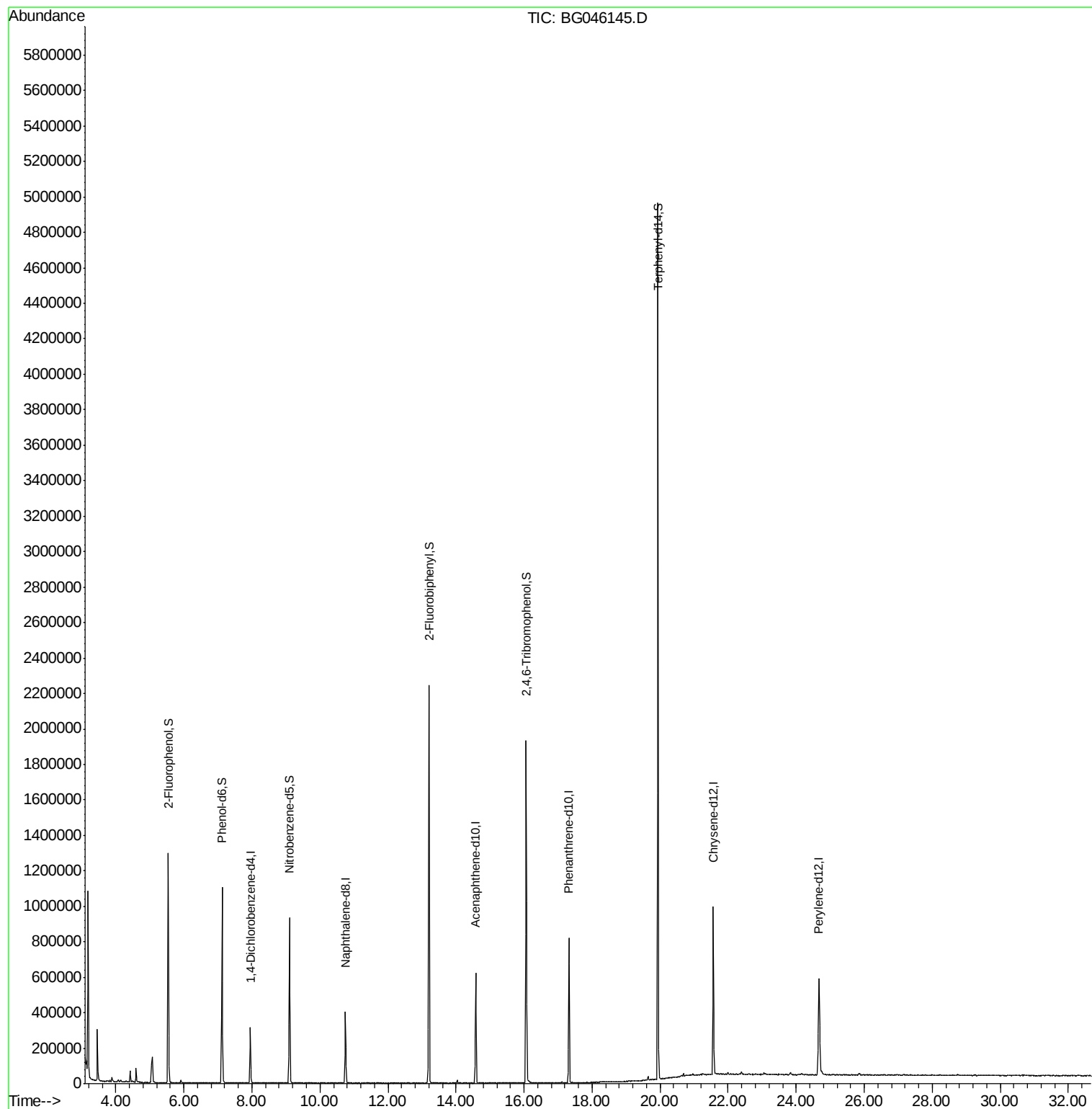
Target Compounds Qvalue

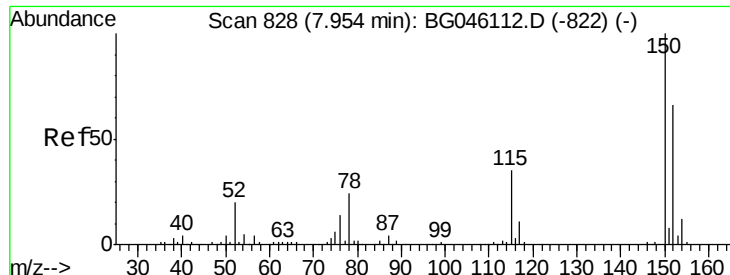
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
Data File : BG046145.D
Acq On : 1 Aug 2020 5:35
Operator : CG/JU
Sample : L3511-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP

Quant Time: Aug 01 06:24:57 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



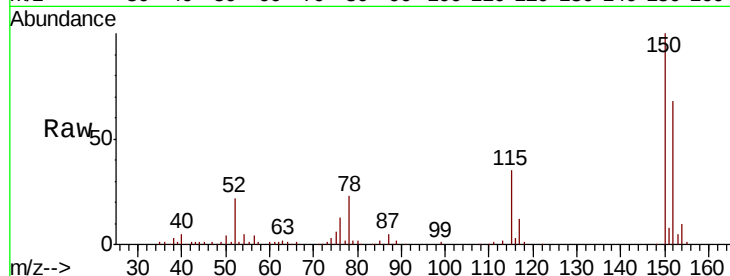


#1

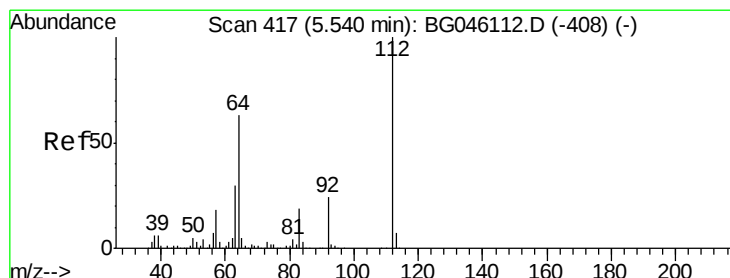
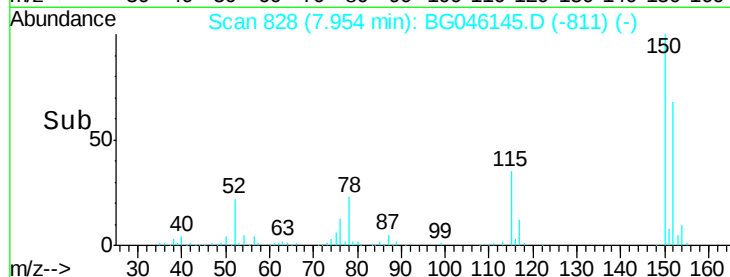
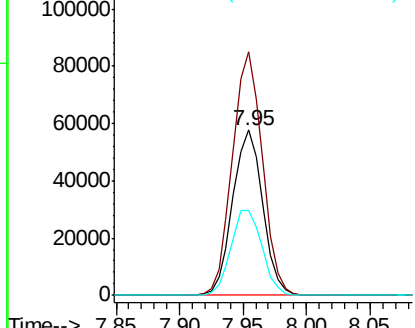
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046145.D
Acq: 1 Aug 2020 5:35

Instrument :
BNA_G
ClientSampled :
SP

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	122.1	183.1
115	51.8	43.2	64.8



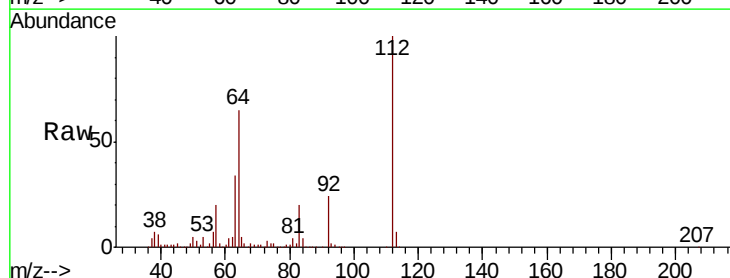
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



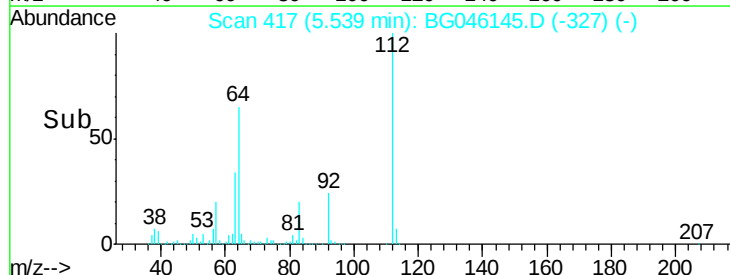
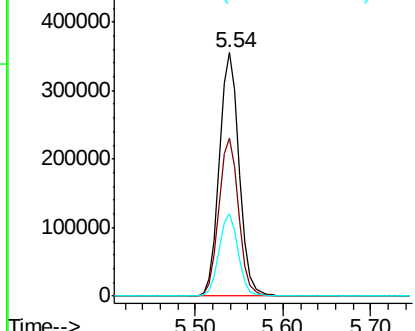
#5

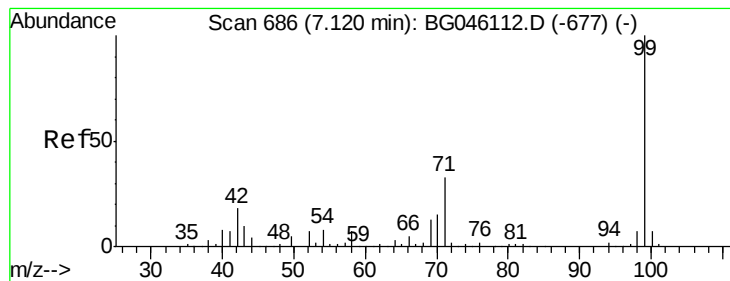
2-Fluorophenol
Concen: 103.282 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046145.D
Acq: 1 Aug 2020 5:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	50.2	75.2
63	33.6	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: 87.424 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046145.D

Acq: 1 Aug 2020 5:35

Instrument :

BNA_G

ClientSampleId :

SP

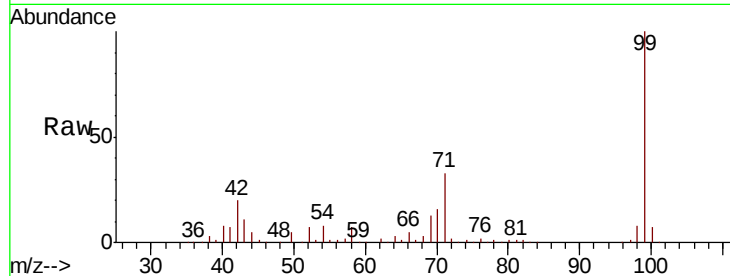
Tot Ion: 99 Resp: 645322

Ion Ratio Lower Upper

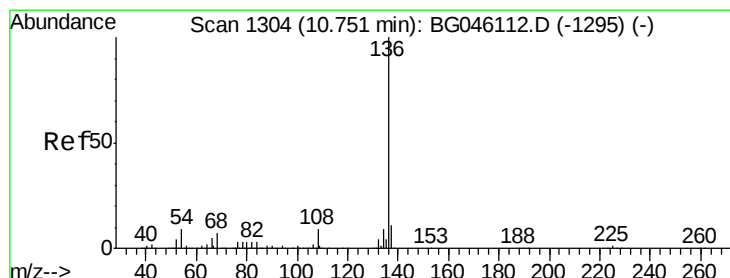
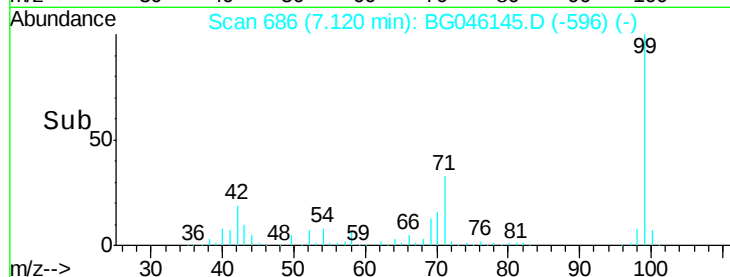
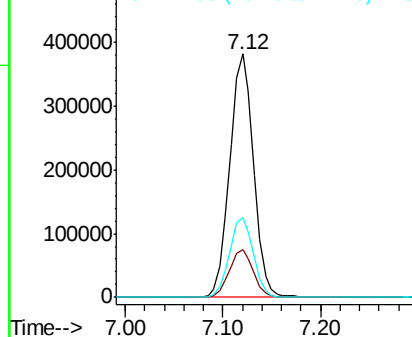
99 100

42 19.5 14.7 22.1

71 32.6 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: BG046145.D

Acq: 1 Aug 2020 5:35

Tgt Ion: 136 Resp: 351304

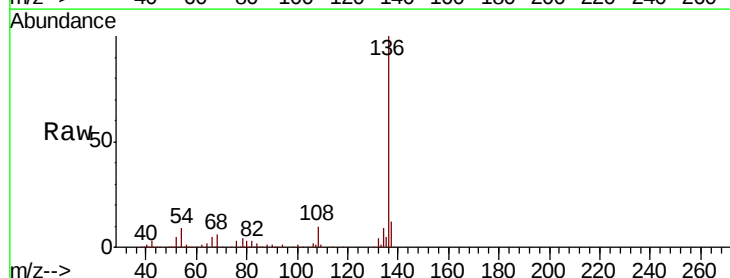
Ion Ratio Lower Upper

136 100

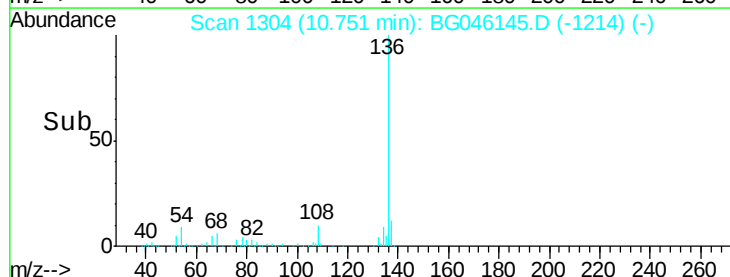
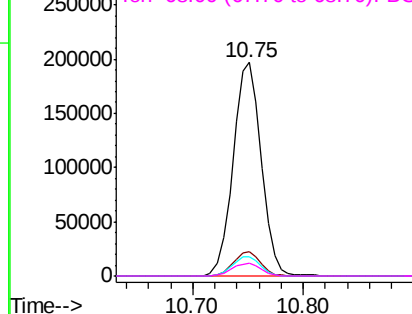
137 11.6 8.8 13.2

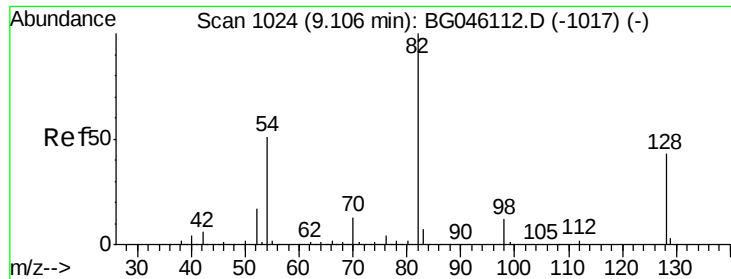
54 9.2 7.0 10.4

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

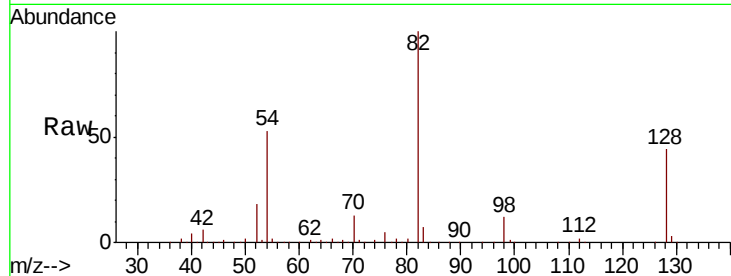




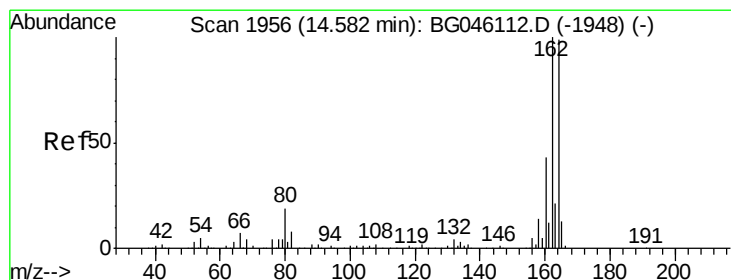
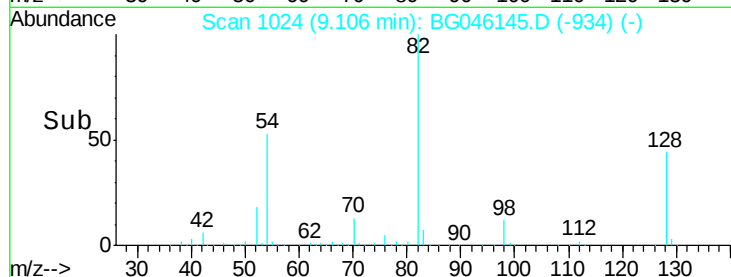
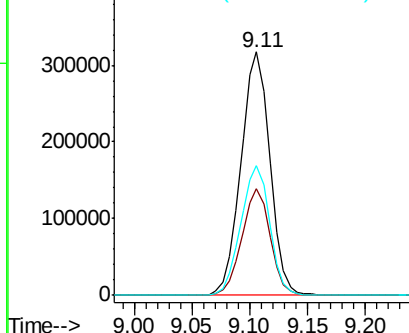
#23
Nitrobenzene-d5
Concen: 85.043 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046145.D
Acq: 1 Aug 2020 5:35

Instrument :
BNA_G
ClientSampled :
SP

Tot Ion	82	Resp	551799
Ion Ratio	100	Lower	Upper
128	43.8	34.4	51.6
54	53.3	40.8	61.2

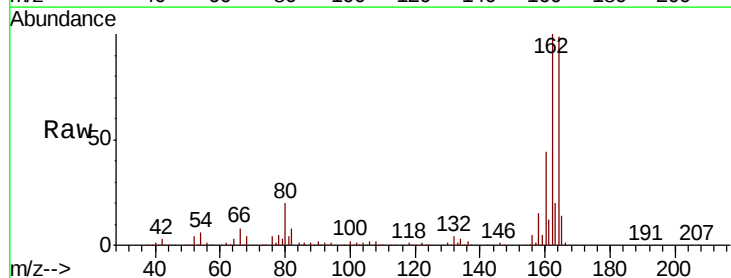


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

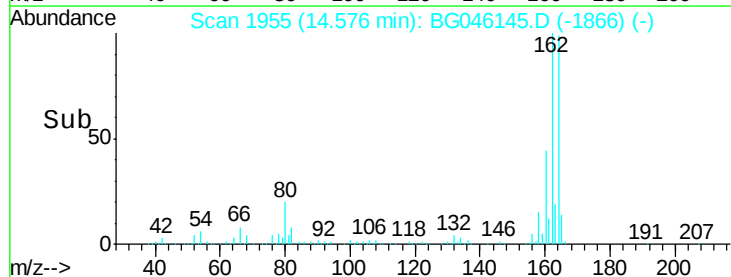
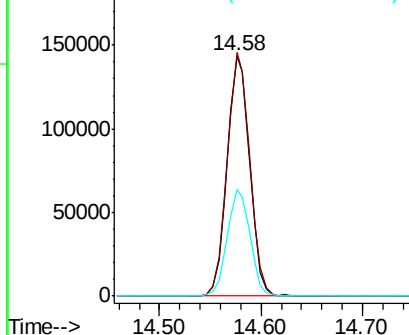


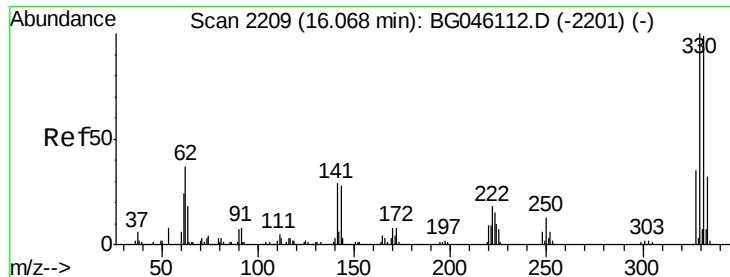
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046145.D
Acq: 1 Aug 2020 5:35

Tgt Ion	164	Resp	220920
Ion Ratio	100	Lower	Upper
162	101.3	80.6	121.0
160	44.6	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

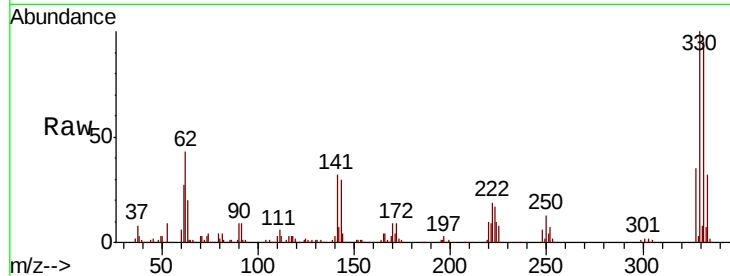




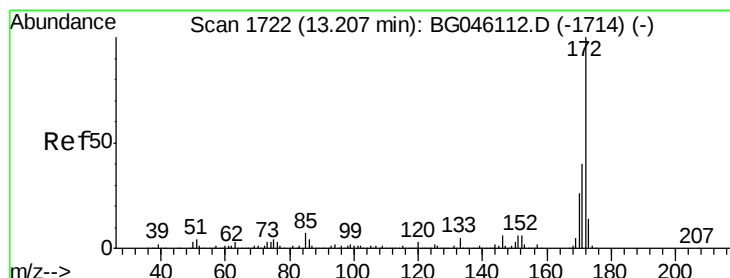
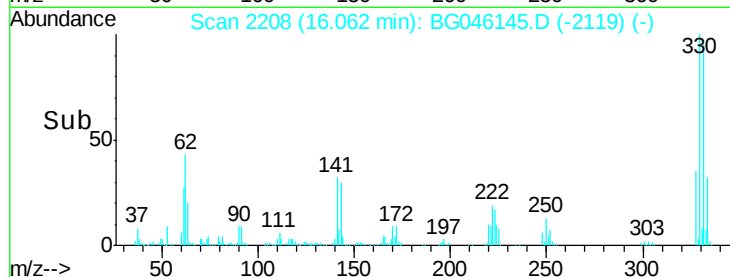
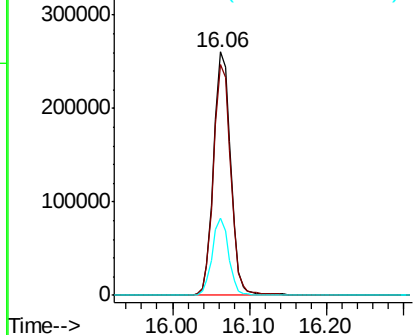
#42
 2,4,6-Tribromophenol
 Concen: 117.629 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG046145.D
 Acq: 1 Aug 2020 5:35

Instrument :
 BNA_G
 ClientSampleId :
 SP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	30.8	23.4	35.0

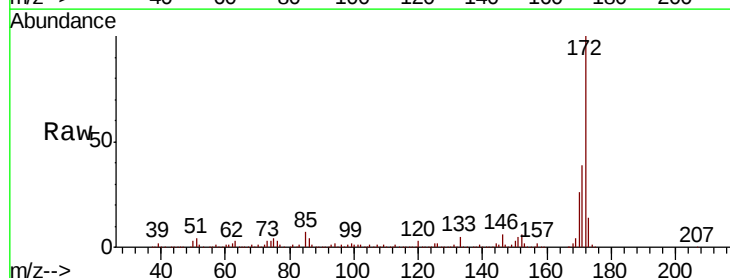


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

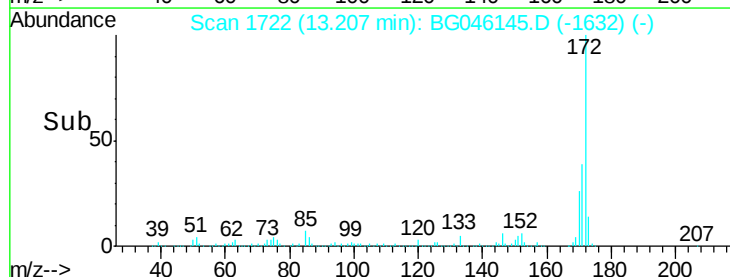
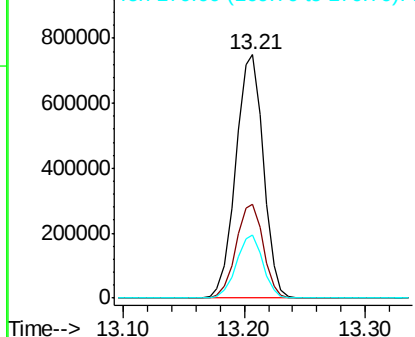


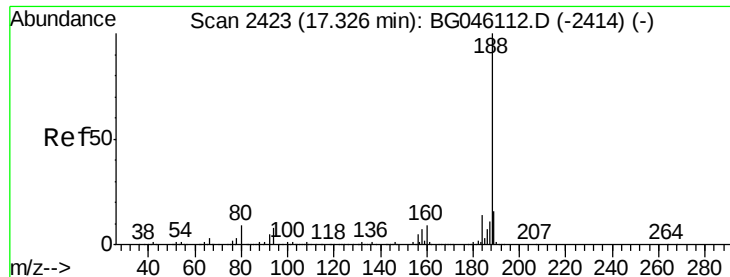
#45
 2-Fluorobiphenyl
 Concen: 78.582 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046145.D
 Acq: 1 Aug 2020 5:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	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: BG046145.D

Acq: 1 Aug 2020 5:35

Instrument :

BNA_G

ClientSampleId :

SP

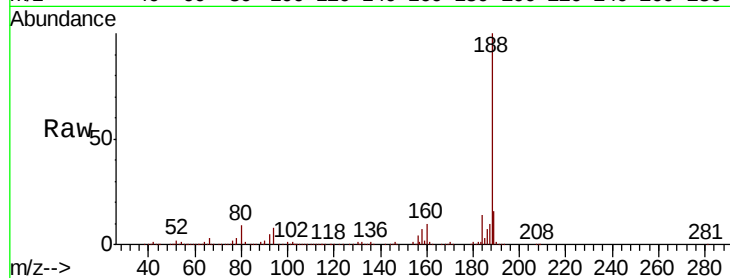
Tot Ion:188 Resp: 518845

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

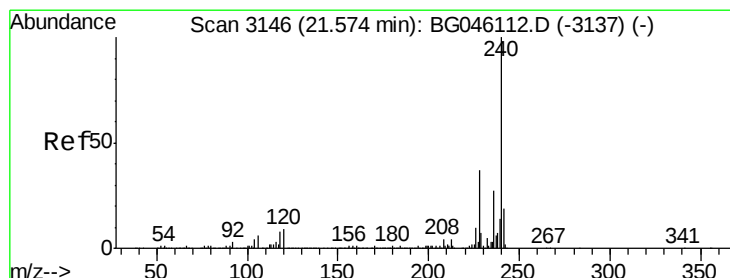
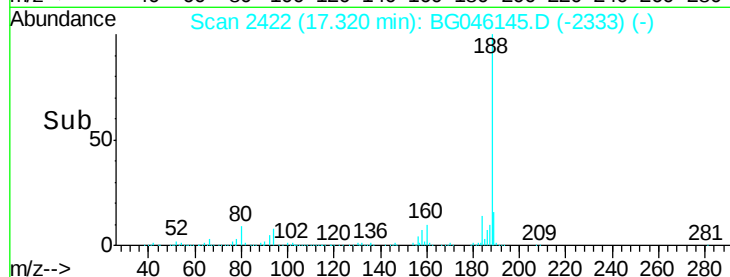
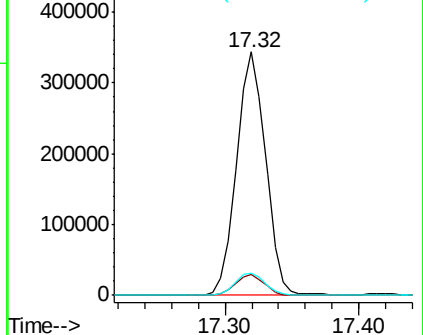
80 9.0 7.4 11.0



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: BG046145.D

Acq: 1 Aug 2020 5:35

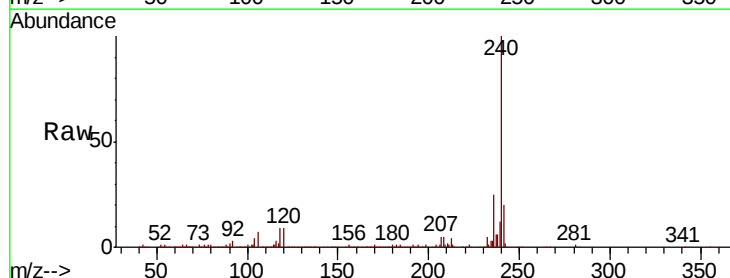
Tgt Ion:240 Resp: 593150

Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

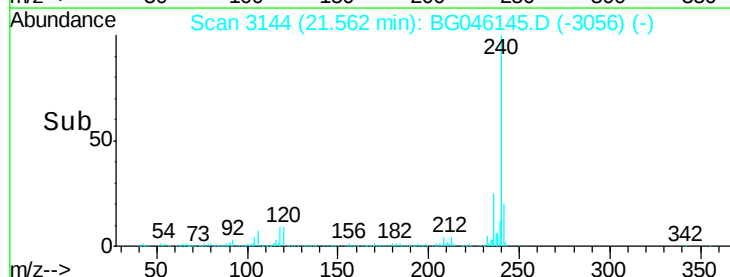
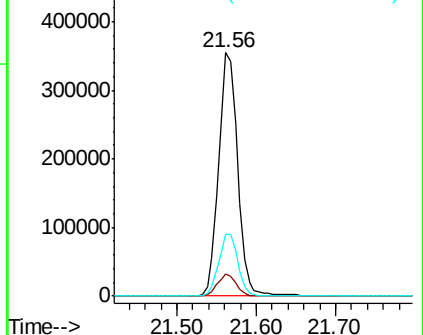
236 25.5 21.7 32.5

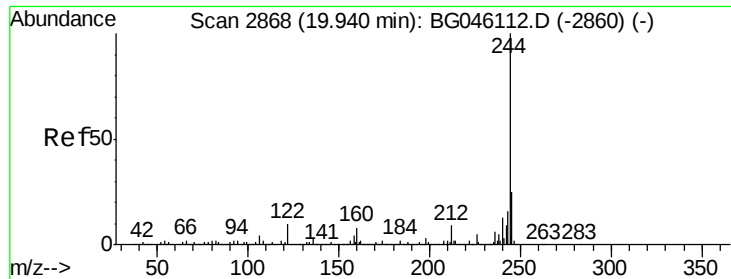


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.315 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046145.D

Acq: 1 Aug 2020 5:35

Instrument :

BNA_G

ClientSampleId :

SP

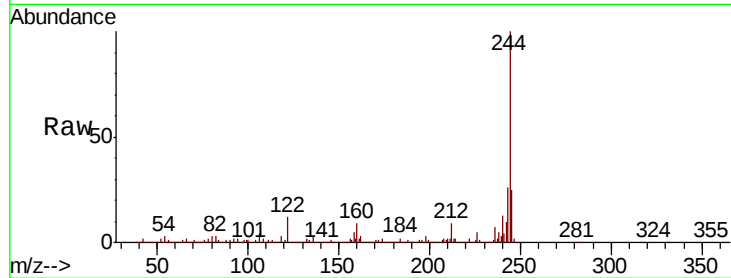
Tot Ion:244 Resp: 2076991

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

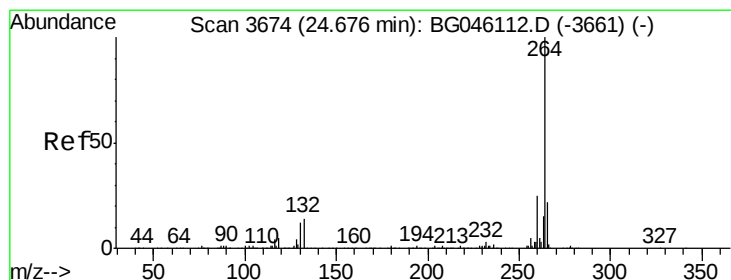
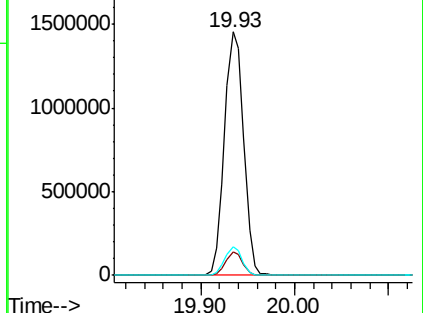
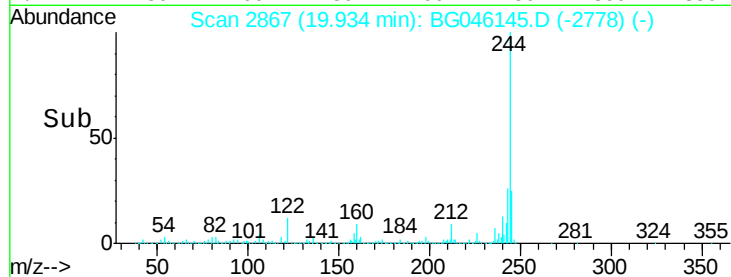
122 11.7 8.3 12.5



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: 24.68 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046145.D

Acq: 1 Aug 2020 5:35

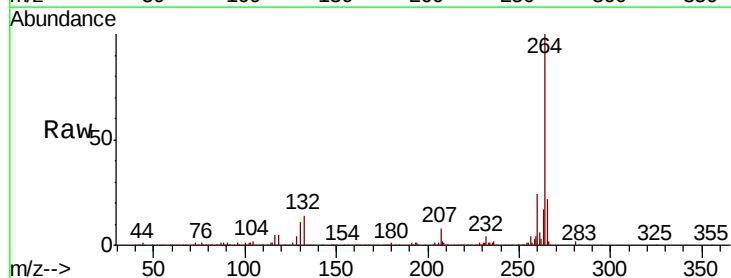
Tgt Ion:264 Resp: 600134

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 22.4 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

