

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046139.D
 Acq On : 1 Aug 2020 1:33
 Operator : CG/JU
 Sample : L3507-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020

Quant Time: Aug 01 04:45:02 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	92899	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	355900	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	220186	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	524912	20.00	ng	0.00
76) Chrysene-d12	21.57	240	636106	20.00	ng	0.00
86) Perylene-d12	24.67	264	640317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	574672	107.54	ng	0.00
7) Phenol-d6	7.12	99	673351	92.45	ng	0.00
23) Nitrobenzene-d5	9.10	82	550496	83.75	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	397805	117.62	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1191892	78.63	ng	0.00
79) Terphenyl-d14	19.94	244	2099382	67.22	ng	0.00

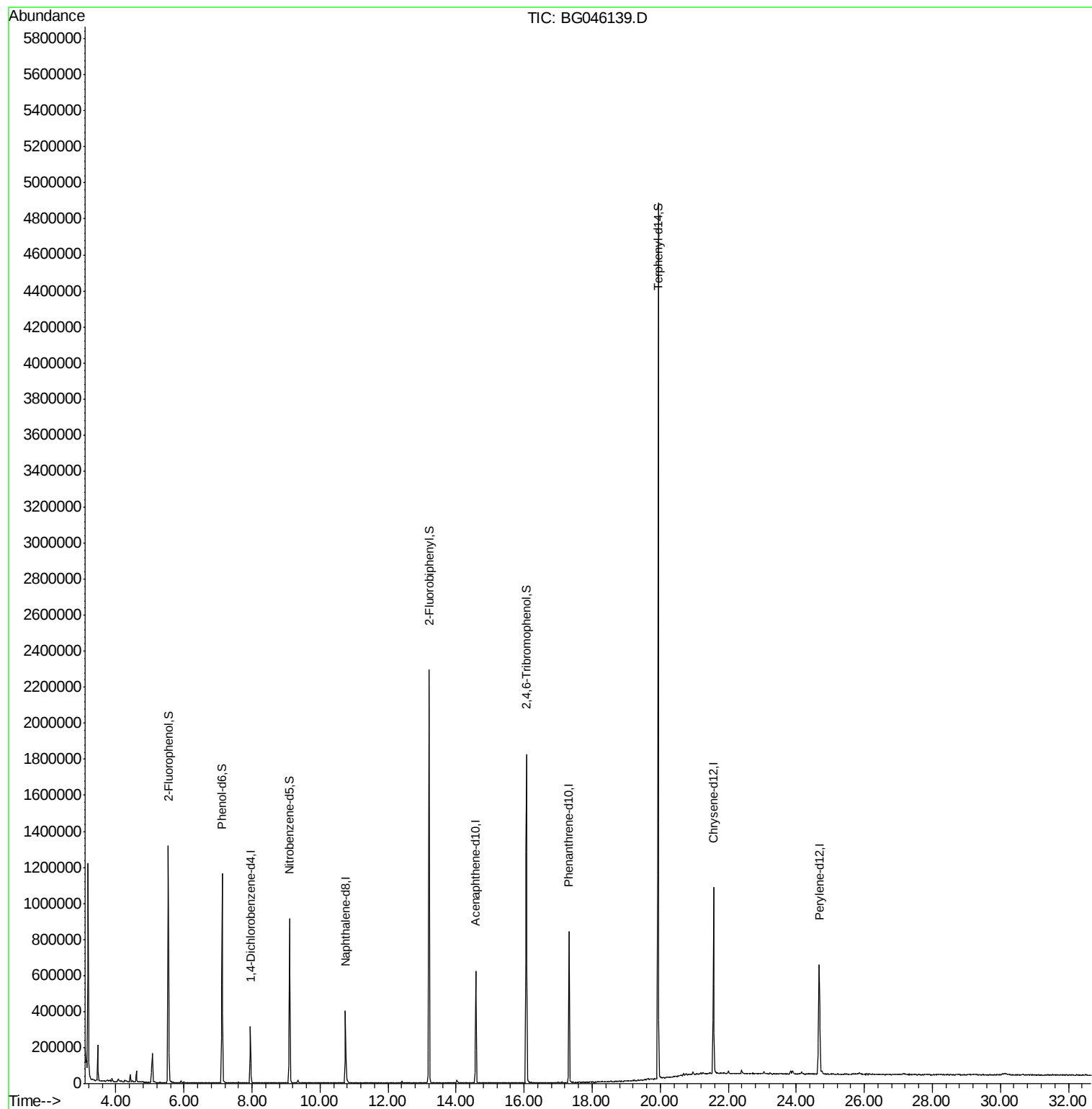
Target Compounds Qvalue

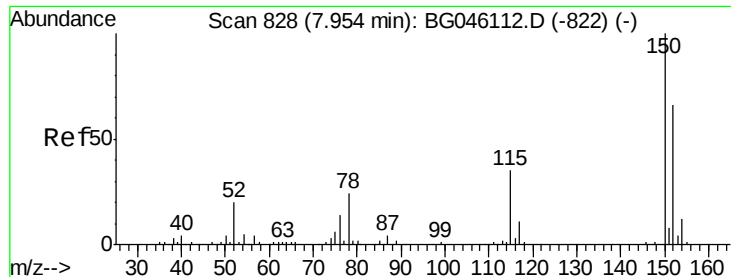
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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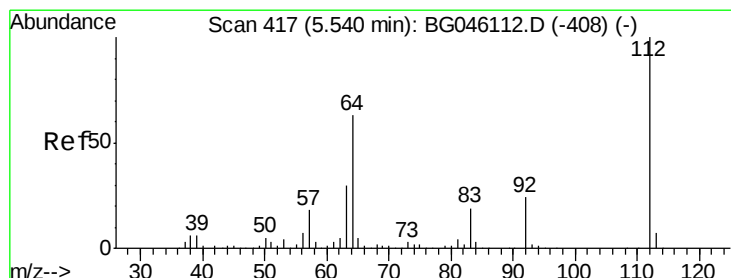
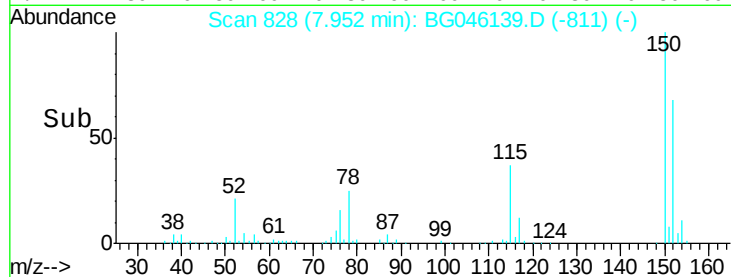
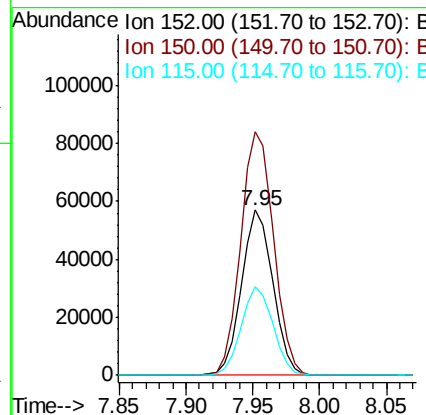
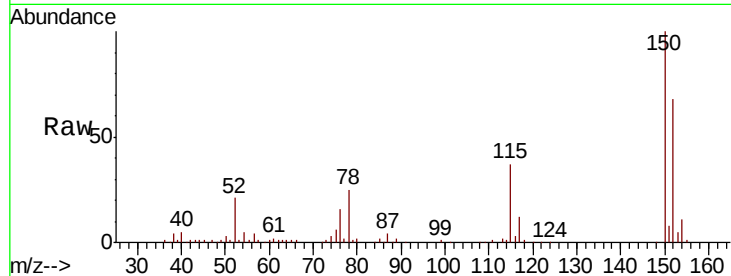


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Instrument :
BNA_G
ClientSampled :
SU-01-073020

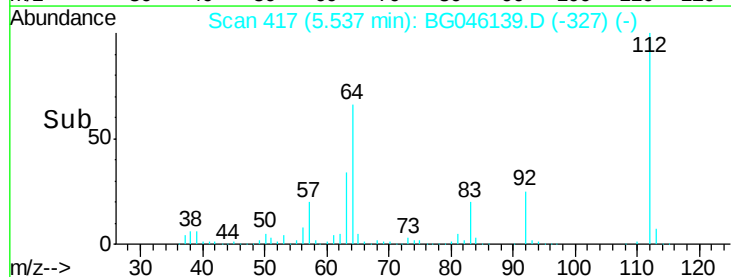
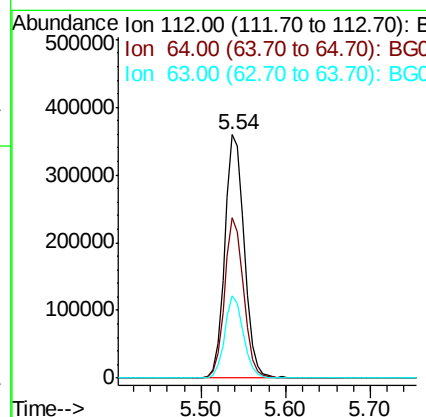
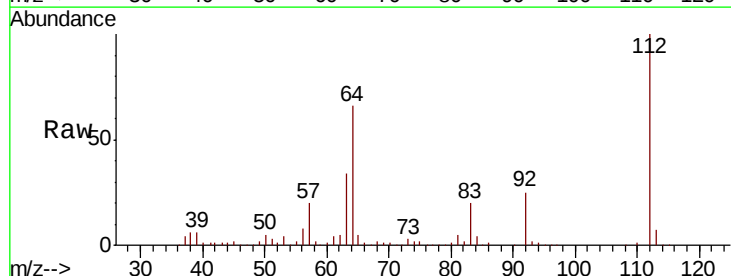
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	122.1	183.1
115	53.9	43.2	64.8

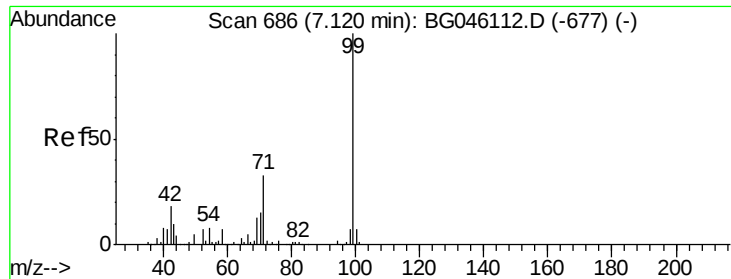


#5

2-Fluorophenol
Concen: 107.535 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	50.2	75.2
63	34.0	24.2	36.4





#7

Phenol-d6

Concen: 92.453 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046139.D

Acq: 1 Aug 2020 1:33

Instrument :

BNA_G

ClientSampleId :

SU-01-073020

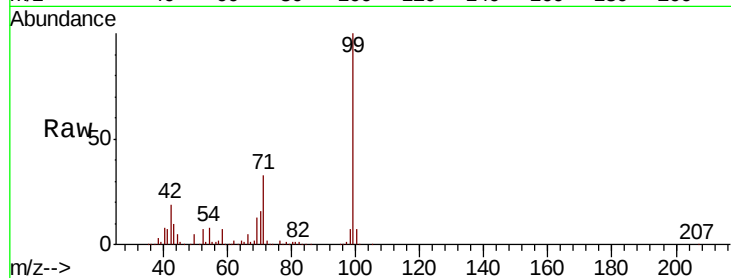
Tot Ion: 99 Resp: 673351

Ion Ratio Lower Upper

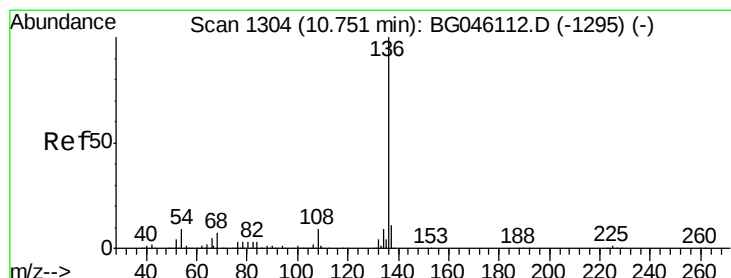
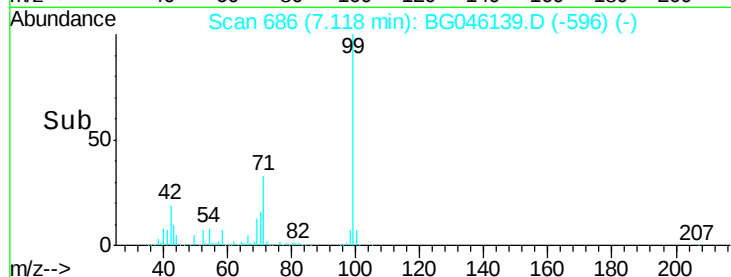
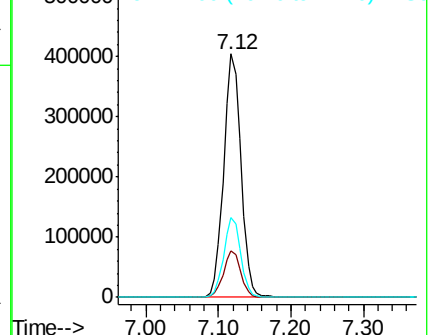
99 100

42 19.1 14.7 22.1

71 32.7 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: BG046139.D

Acq: 1 Aug 2020 1:33

Tgt Ion: 136 Resp: 355900

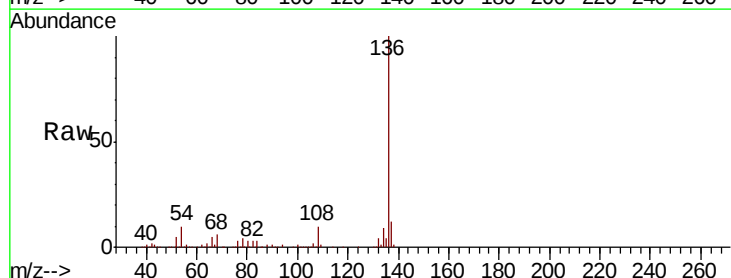
Ion Ratio Lower Upper

136 100

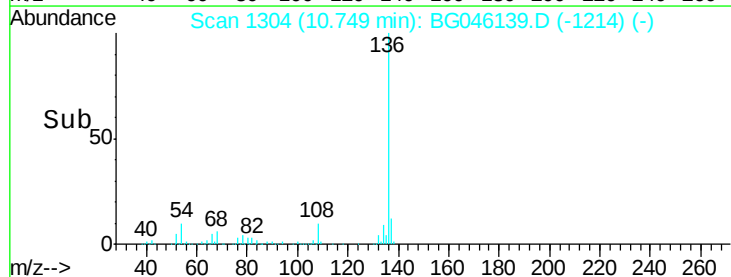
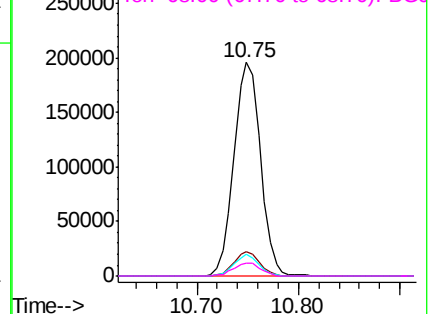
137 11.5 8.8 13.2

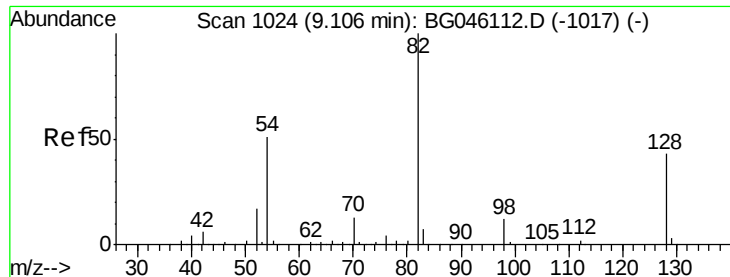
54 10.0 7.0 10.4

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

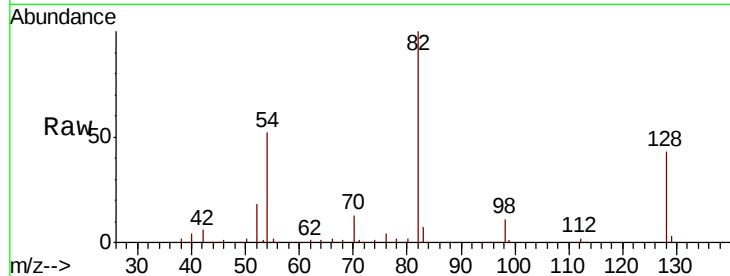




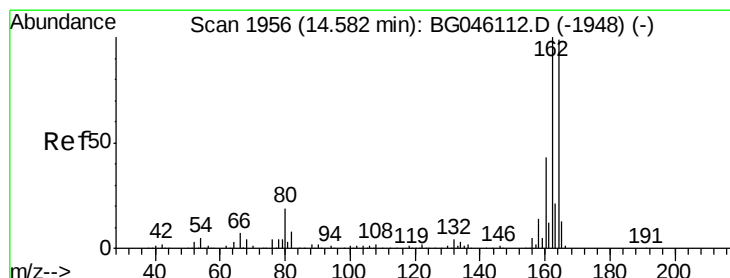
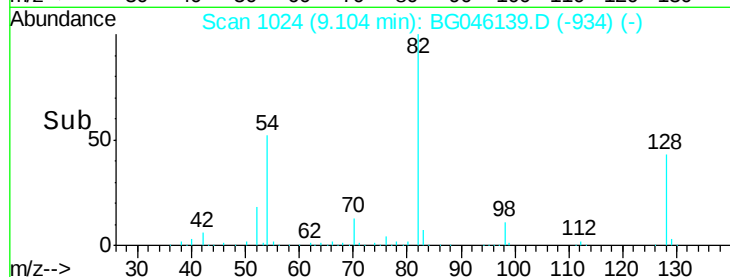
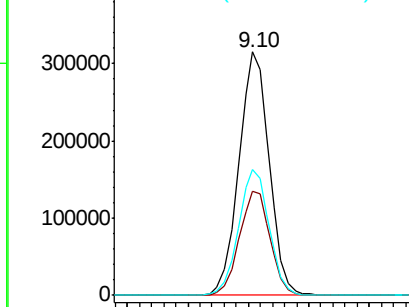
#23
 Nitrobenzene-d5
 Concen: 83.747 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046139.D
 Acq: 1 Aug 2020 1:33

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020

Tot Ion	82	Resp	550496
Ion Ratio	100	Lower	Upper
128	42.6	34.4	51.6
54	51.9	40.8	61.2

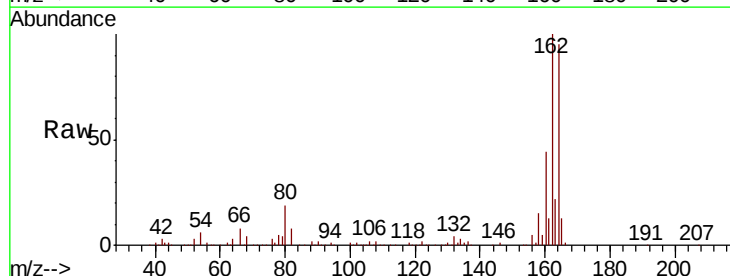


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

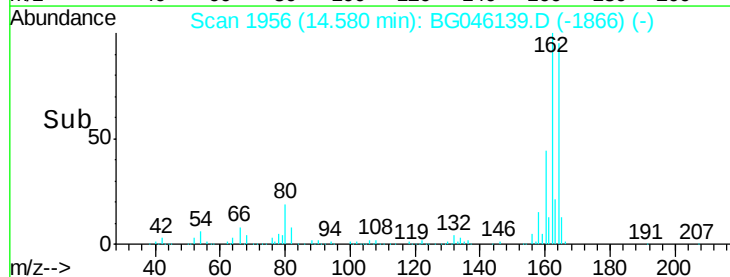
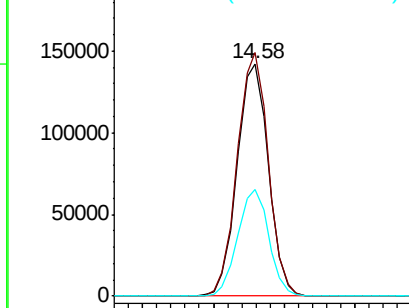


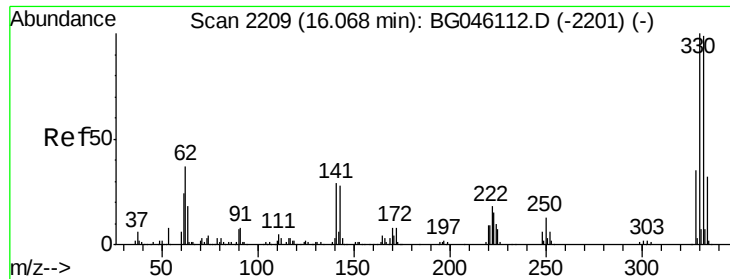
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG046139.D
 Acq: 1 Aug 2020 1:33

Tgt Ion	164	Resp	220186
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.7	80.6	121.0
160	45.8	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

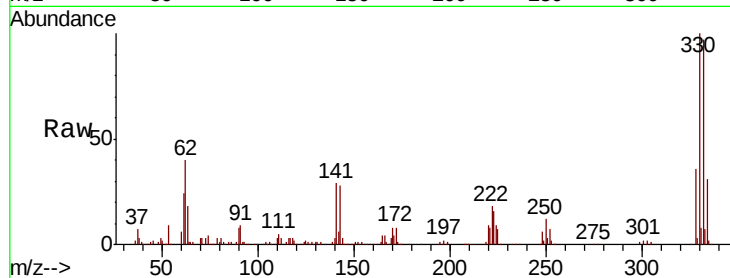




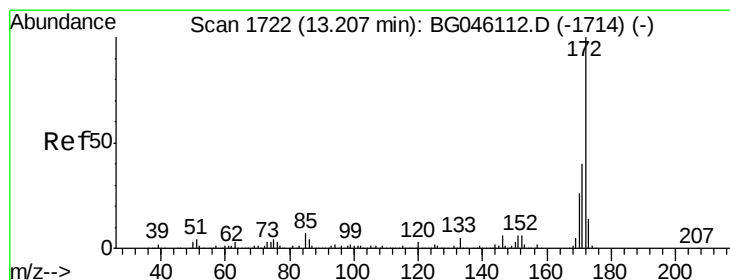
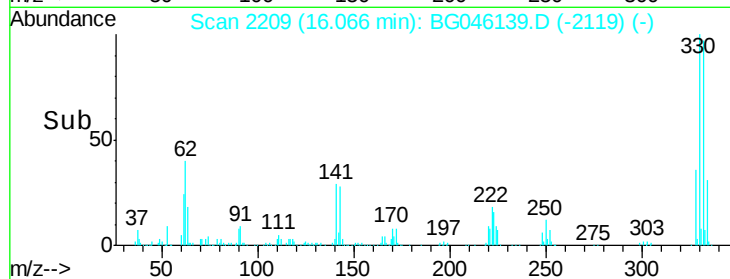
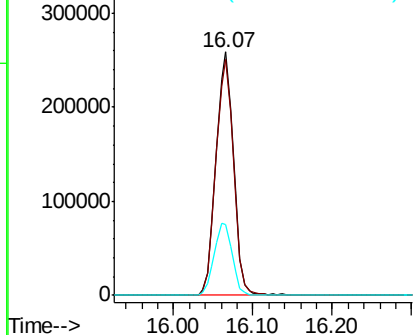
#42
 2,4,6-Tribromophenol
 Concen: 117.624 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG046139.D
 Acq: 1 Aug 2020 1:33

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	30.9	23.4	35.0

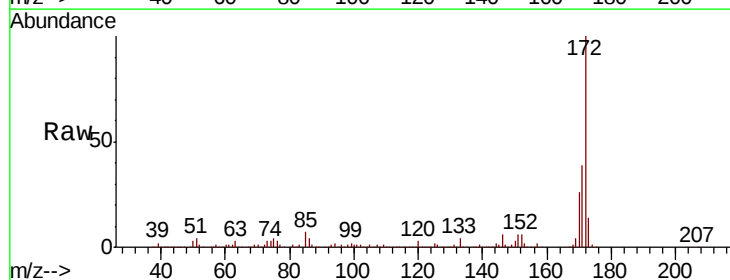


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

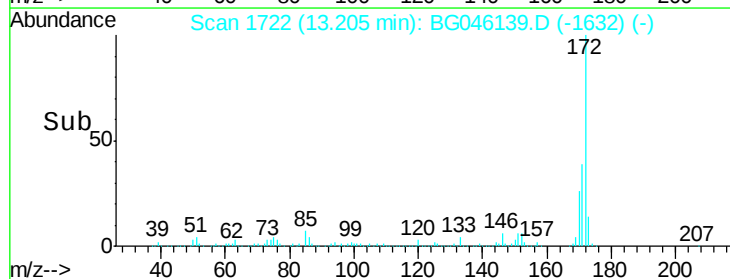
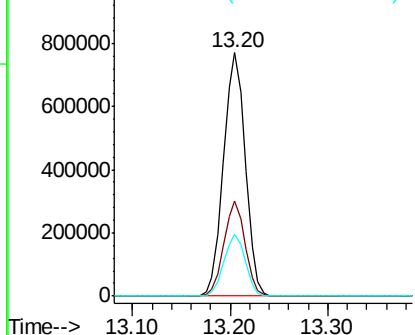


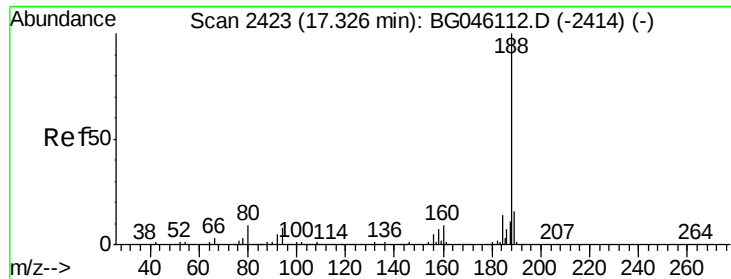
#45
 2-Fluorobiphenyl
 Concen: 78.633 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046139.D
 Acq: 1 Aug 2020 1:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.7	47.5
170	25.6	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: BG046139.D

Acq: 1 Aug 2020 1:33

Instrument :

BNA_G

ClientSampleId :

SU-01-073020

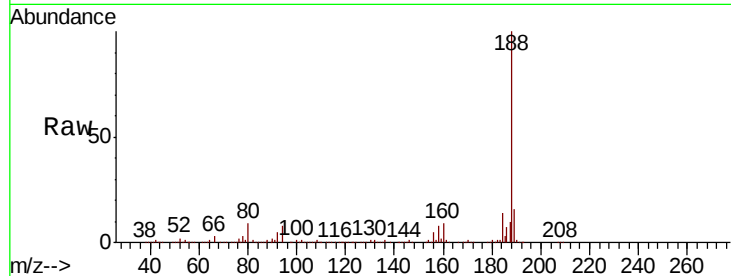
Tot Ion:188 Resp: 524912

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

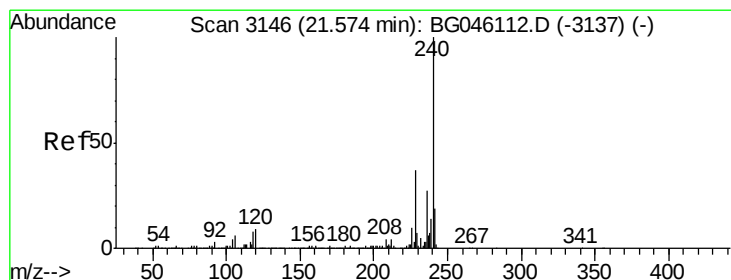
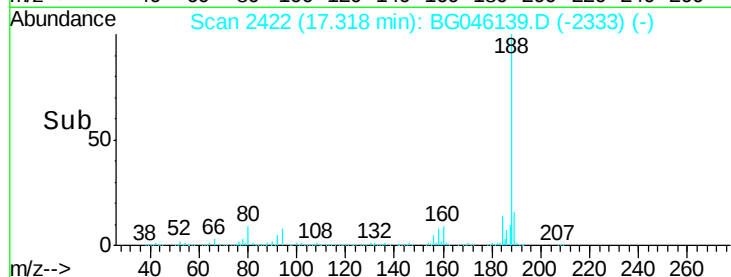
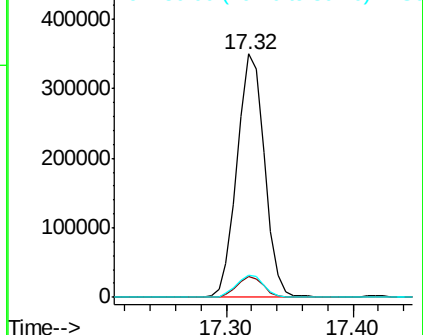
80 9.1 7.4 11.0



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: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046139.D

Acq: 1 Aug 2020 1:33

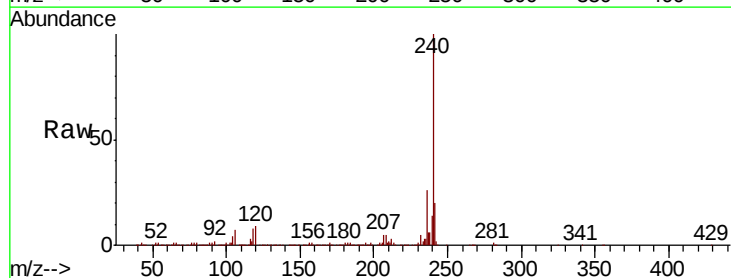
Tgt Ion:240 Resp: 636106

Ion Ratio Lower Upper

240 100

120 8.6 7.1 10.7

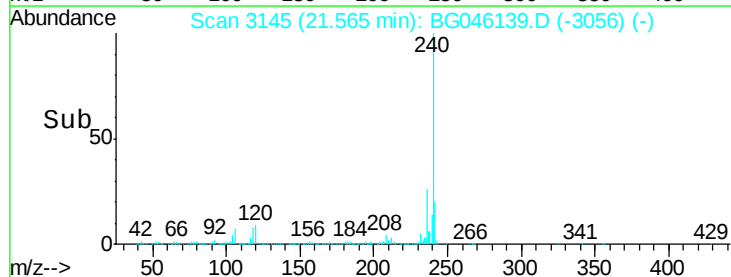
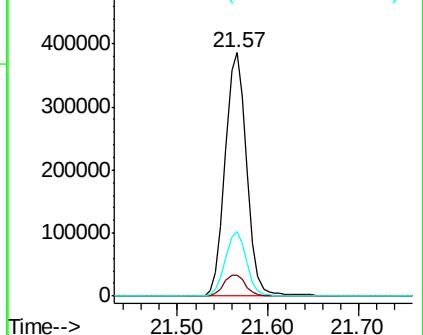
236 26.5 21.7 32.5

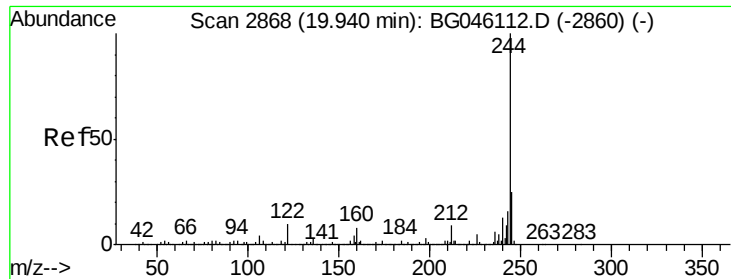


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.216 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046139.D

Acq: 1 Aug 2020 1:33

Instrument :

BNA_G

ClientSampleId :

SU-01-073020

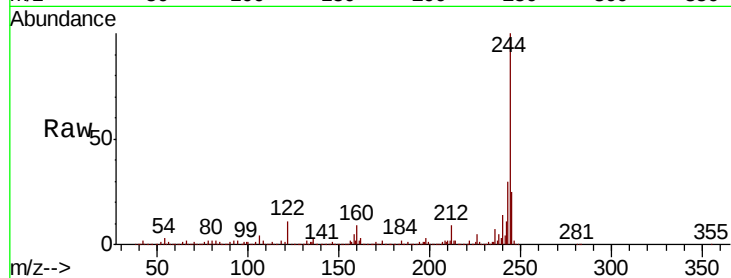
Tot Ion:244 Resp: 2099382

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

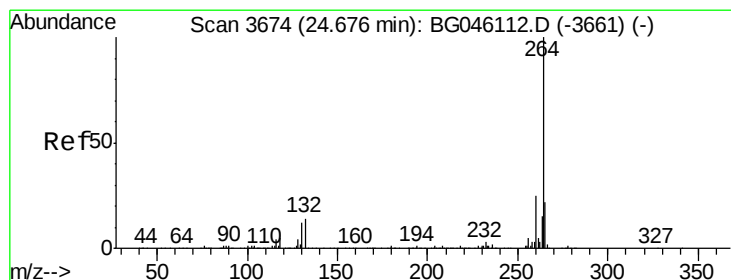
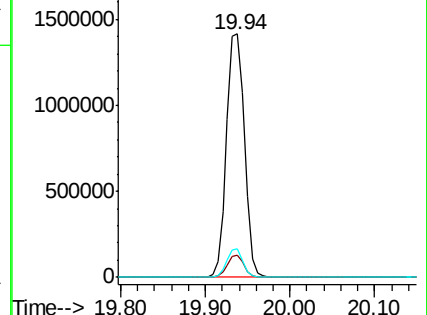
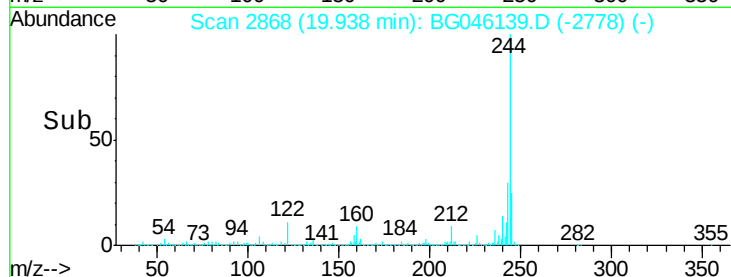
122 11.5 8.3 12.5



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# 3674

Delta R.T. -0.00 min

Lab File: BG046139.D

Acq: 1 Aug 2020 1:33

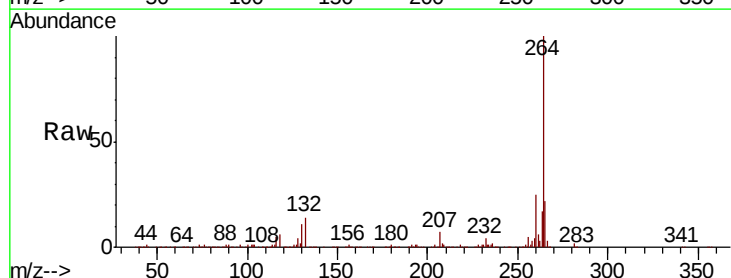
Tgt Ion:264 Resp: 640317

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 22.3 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

