

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046143.D
 Acq On : 1 Aug 2020 4:15
 Operator : CG/JU
 Sample : L3511-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Aug 01 05:59:44 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	90003	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	345757	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	213356	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	501347	20.00	ng	0.00
76) Chrysene-d12	21.57	240	578688	20.00	ng	0.00
86) Perylene-d12	24.67	264	580859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	539392	104.18	ng	0.00
7) Phenol-d6	7.12	99	637140	90.30	ng	0.00
23) Nitrobenzene-d5	9.10	82	511935	80.16	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	363192	110.83	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1125971	76.66	ng	0.00
79) Terphenyl-d14	19.94	244	1957311	68.89	ng	0.00

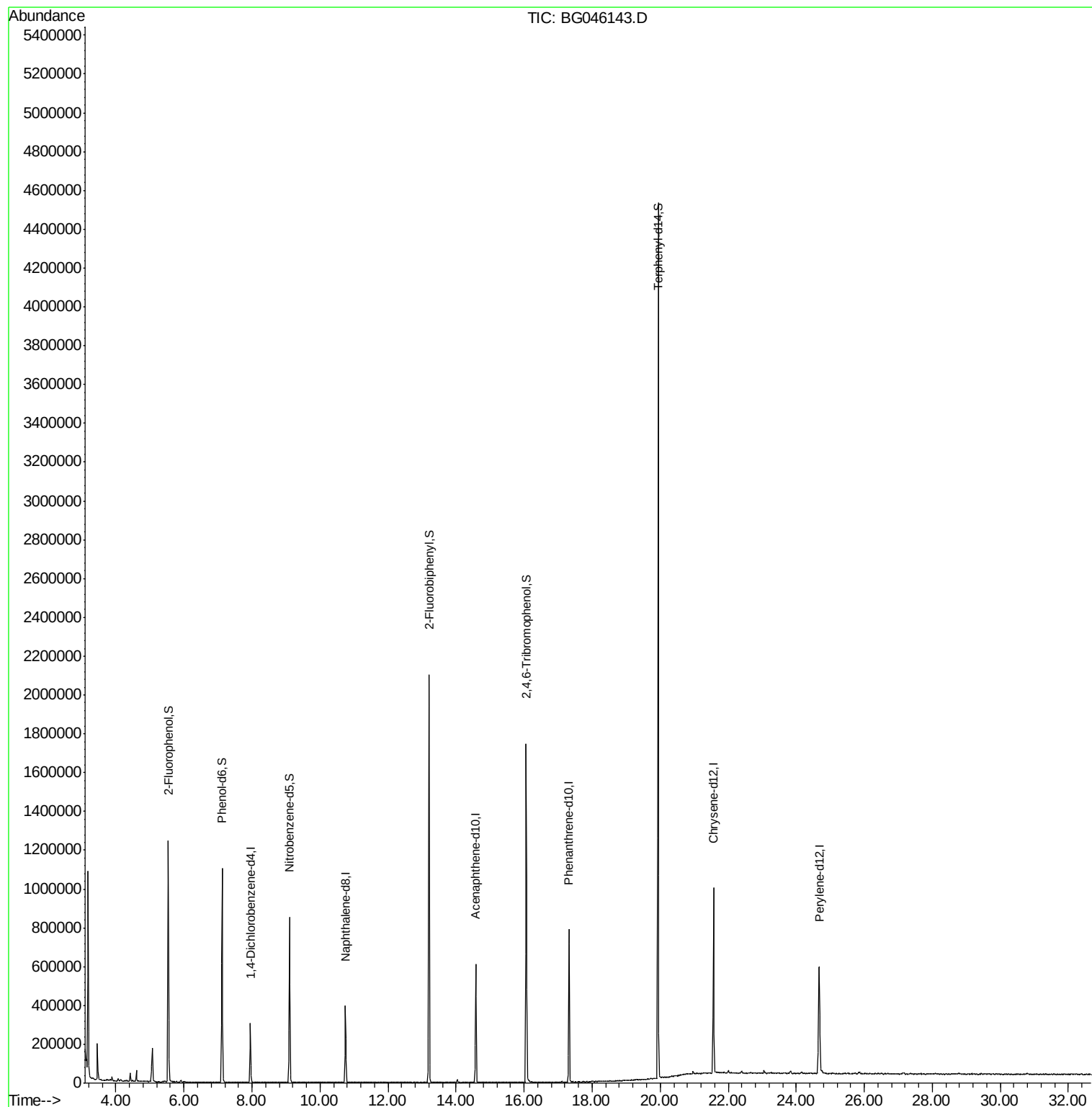
Target Compounds Qvalue

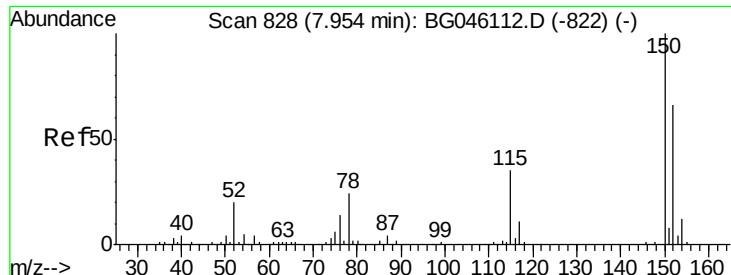
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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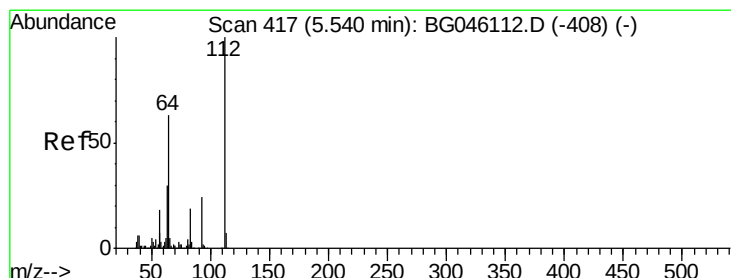
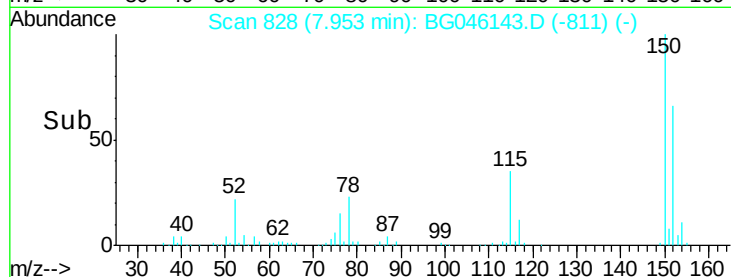
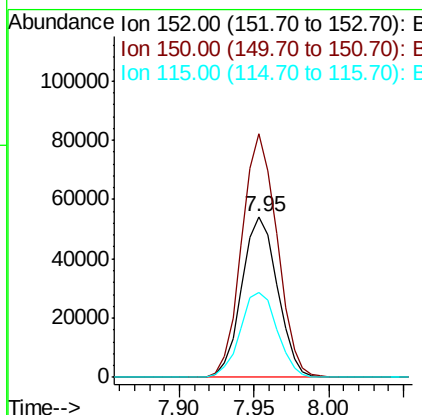
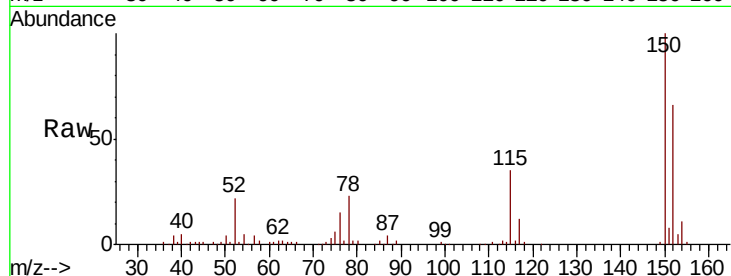




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG046143.D
 Acq: 1 Aug 2020 4:15

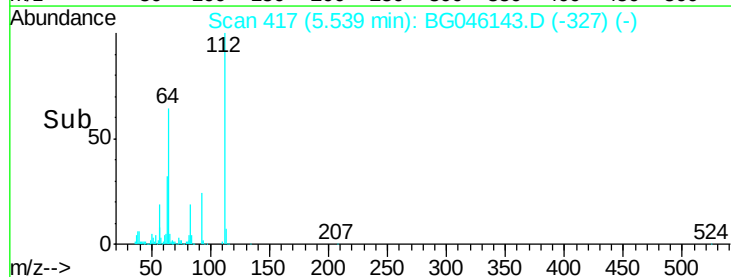
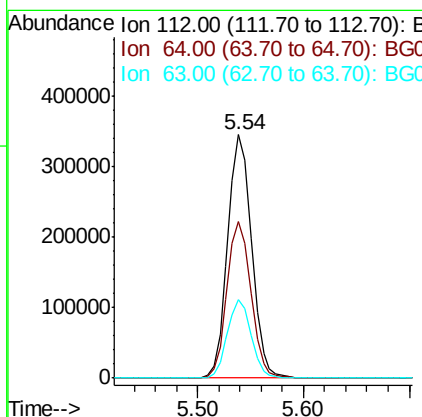
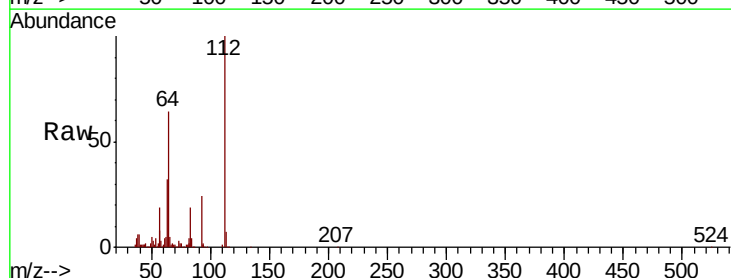
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

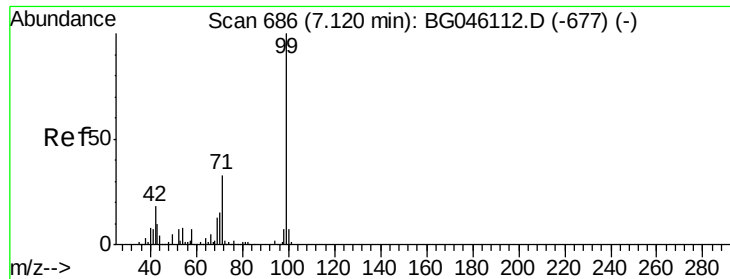
Tot Ion:152 Resp: 90003
 Ion Ratio Lower Upper
 152 100
 150 151.5 122.1 183.1
 115 52.7 43.2 64.8



#5
 2-Fluorophenol
 Concen: 104.181 ng
 RT: 5.54 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BG046143.D
 Acq: 1 Aug 2020 4:15

Tgt Ion:112 Resp: 539392
 Ion Ratio Lower Upper
 112 100
 64 64.2 50.2 75.2
 63 32.5 24.2 36.4





#7

Phenol-d6

Concen: 90.296 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046143.D

Acq: 1 Aug 2020 4:15

Instrument :

BNA_G

ClientSampleId :

TP-2

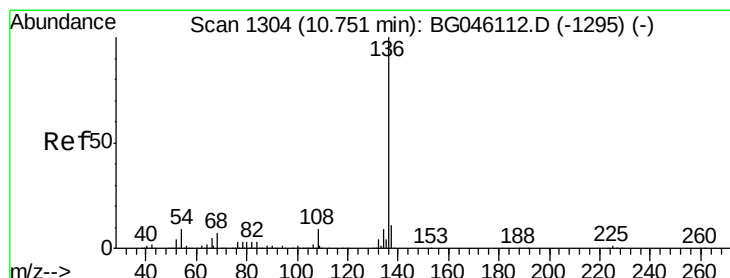
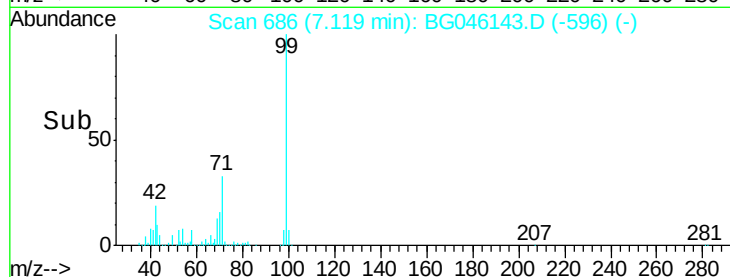
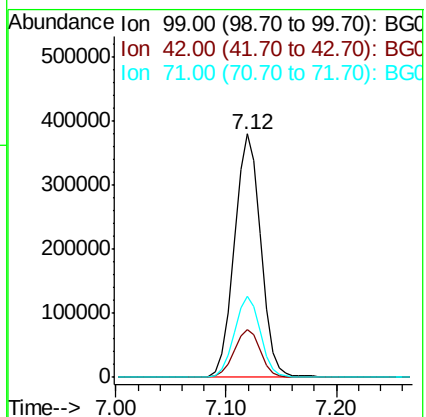
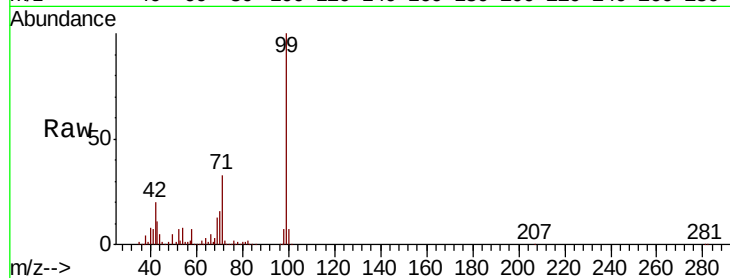
Tot Ion: 99 Resp: 637140

Ion Ratio Lower Upper

99 100

42 19.6 14.7 22.1

71 33.3 26.5 39.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046143.D

Acq: 1 Aug 2020 4:15

Tgt Ion: 136 Resp: 345757

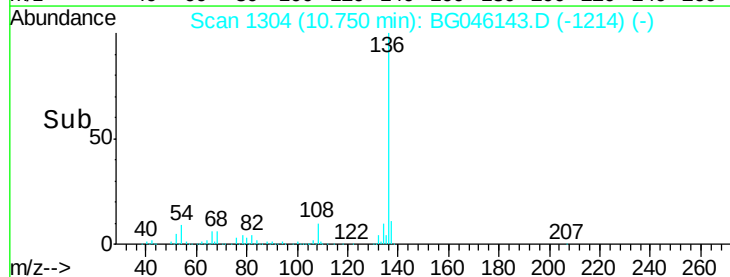
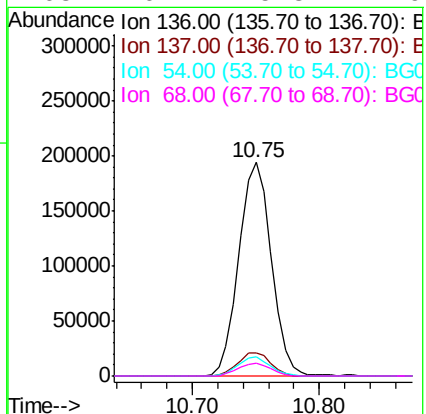
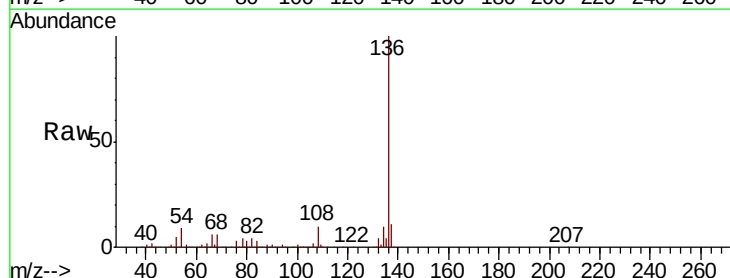
Ion Ratio Lower Upper

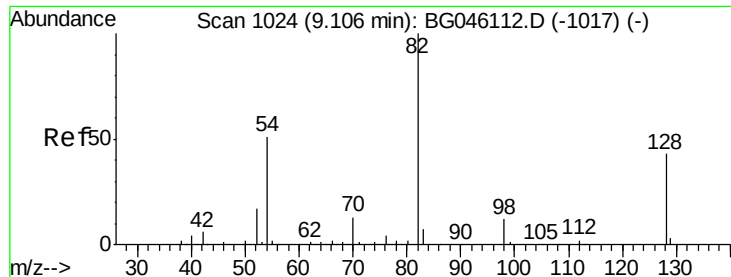
136 100

137 10.8 8.8 13.2

54 9.1 7.0 10.4

68 6.1 5.3 7.9

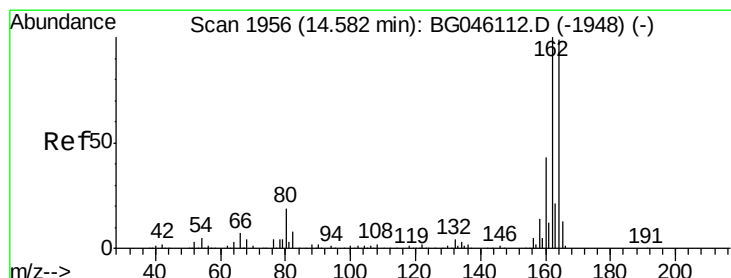
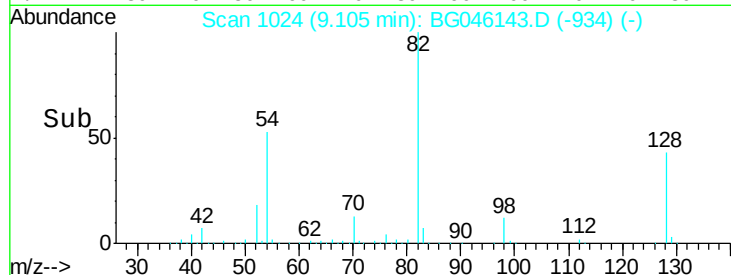
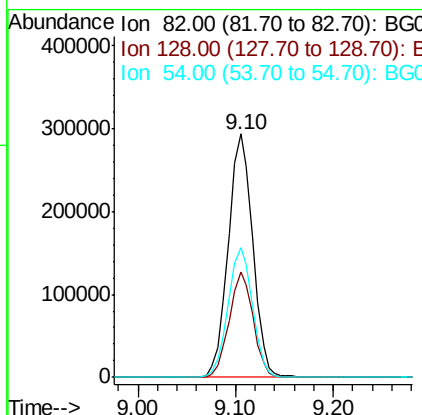
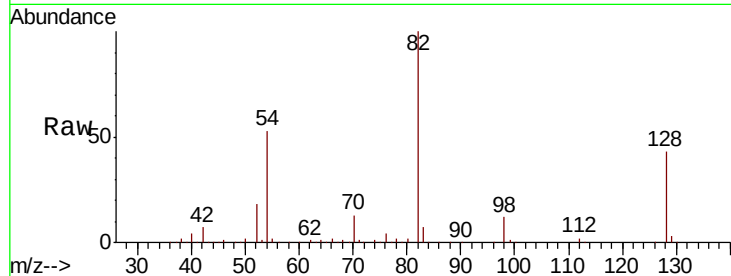




#23
 Nitrobenzene-d5
 Concen: 80.165 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046143.D
 Acq: 1 Aug 2020 4:15

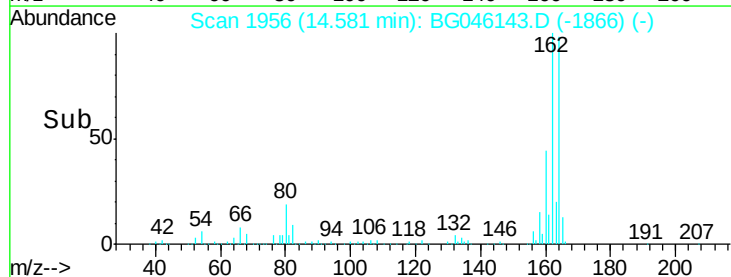
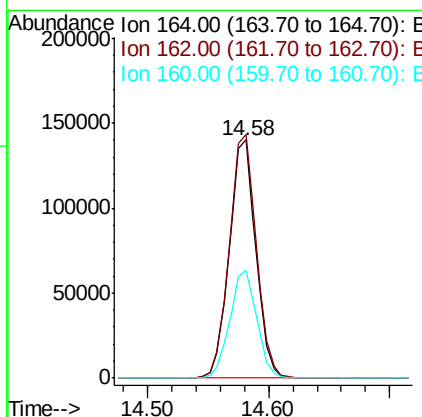
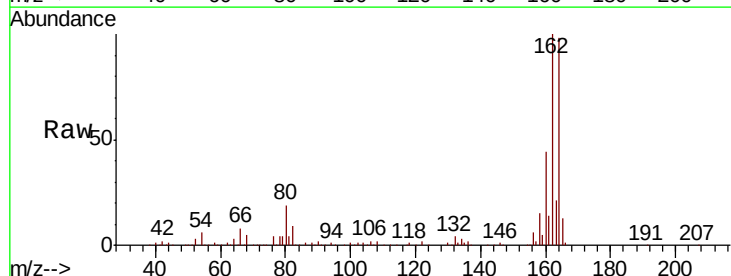
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

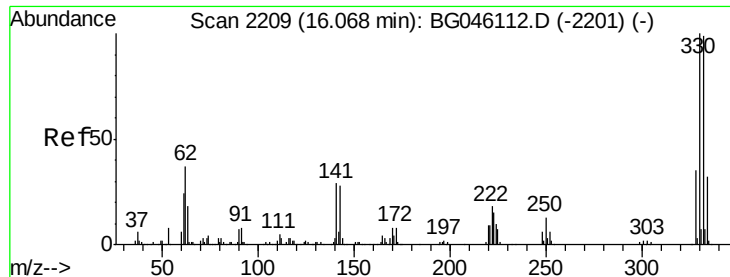
Tot Ion	82	Resp	511935
Ion Ratio	100		
Lower	34.4		
Upper	51.6		
54	53.1	40.8	61.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG046143.D
 Acq: 1 Aug 2020 4:15

Tgt Ion	164	Resp	213356
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>80.6</td> <td></td> <td></td>	80.6		
Upper <td>121.0</td> <td></td> <td></td>	121.0		
162	102.2	34.9	52.3
160	45.4		

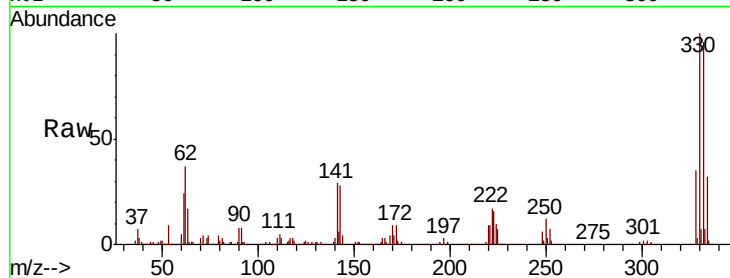




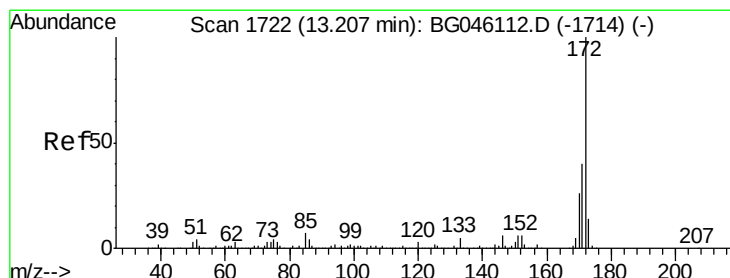
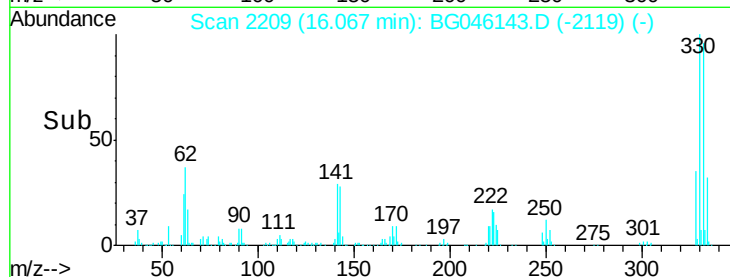
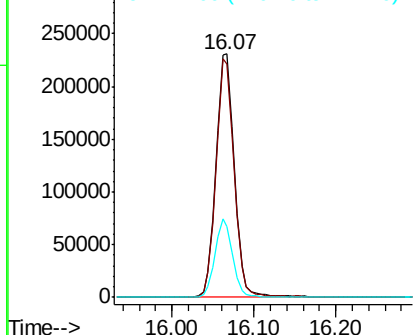
#42
 2,4,6-Tribromophenol
 Concen: 110.827 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG046143.D
 Acq: 1 Aug 2020 4:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion:330 Resp: 363192
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 30.8 23.4 35.0

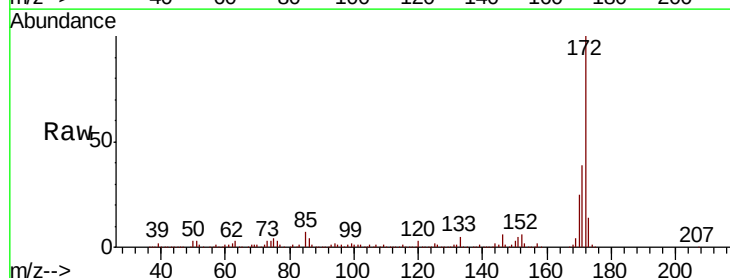


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

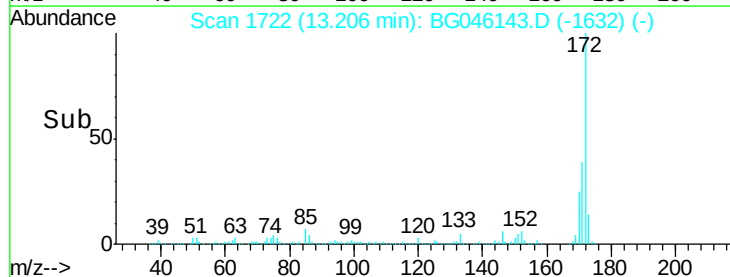
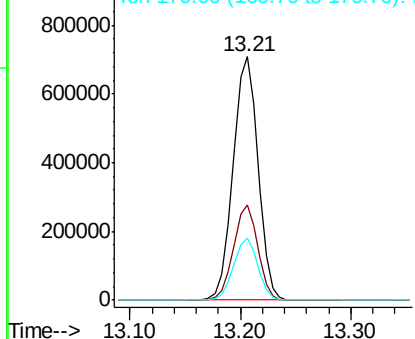


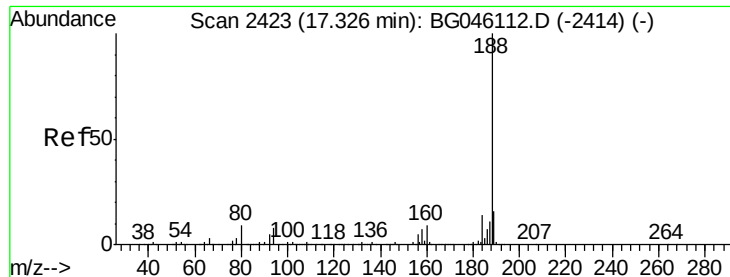
#45
 2-Fluorobiphenyl
 Concen: 76.662 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046143.D
 Acq: 1 Aug 2020 4:15

Tgt Ion:172 Resp: 1125971
 Ion Ratio Lower Upper
 172 100
 171 39.0 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# 2422

Delta R.T. -0.01 min

Lab File: BG046143.D

Acq: 1 Aug 2020 4:15

Instrument :

BNA_G

ClientSampleId :

TP-2

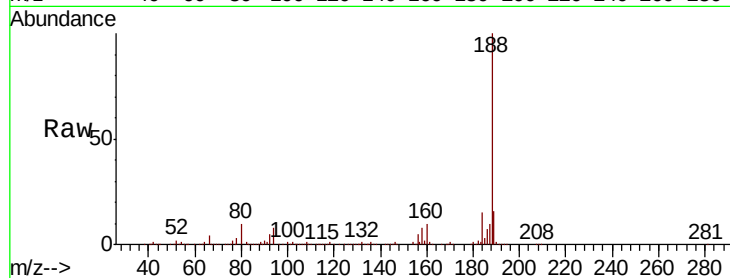
Tot Ion:188 Resp: 501347

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

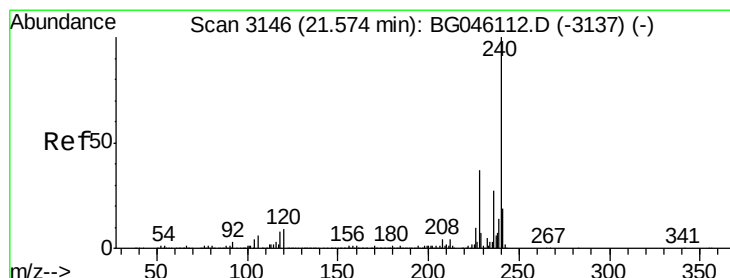
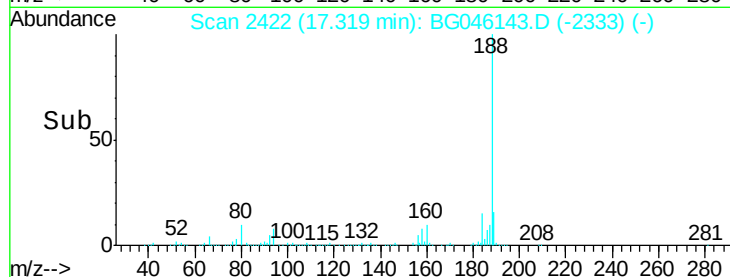
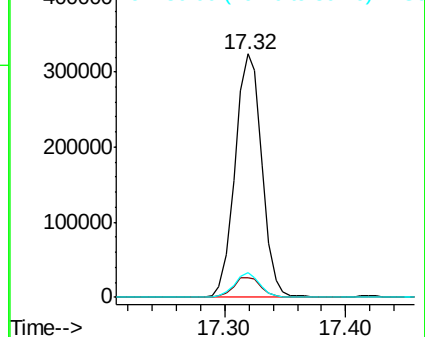
80 10.3 7.4 11.0



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: BG046143.D

Acq: 1 Aug 2020 4:15

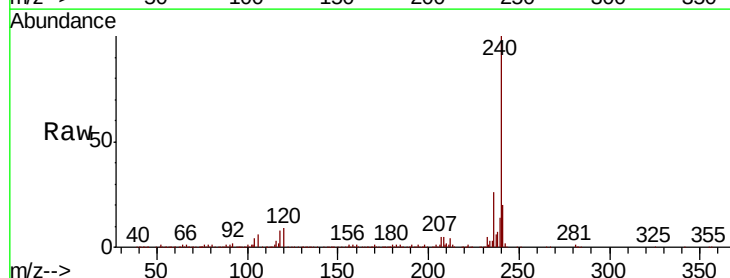
Tgt Ion:240 Resp: 578688

Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

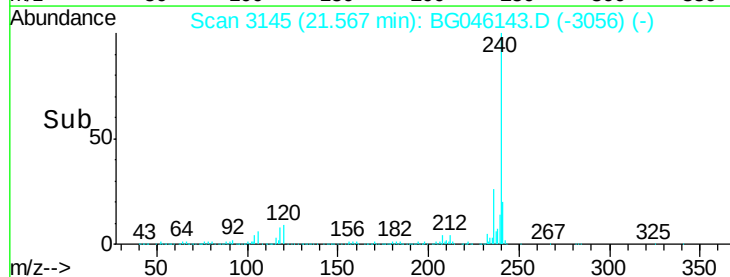
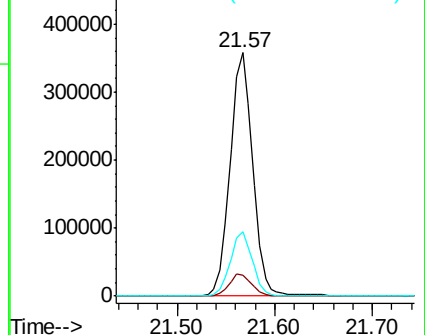
236 26.2 21.7 32.5

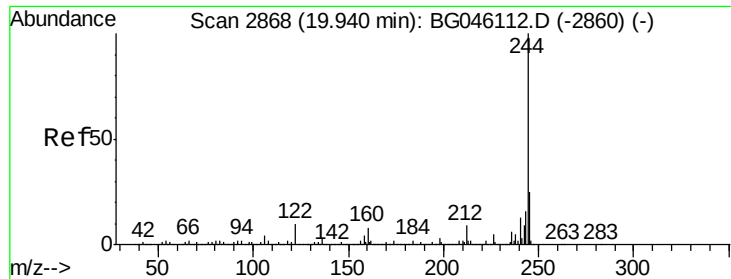


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.885 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046143.D

Acq: 1 Aug 2020 4:15

Instrument :

BNA_G

ClientSampleId :

TP-2

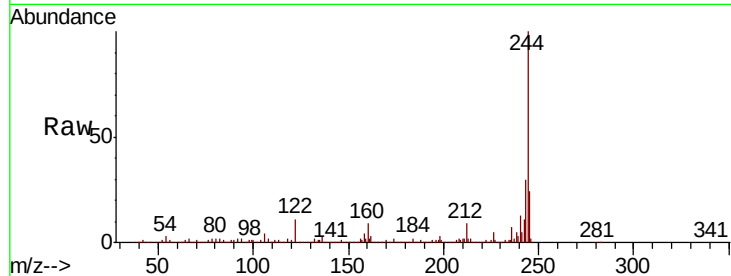
Tot Ion:244 Resp: 1957311

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

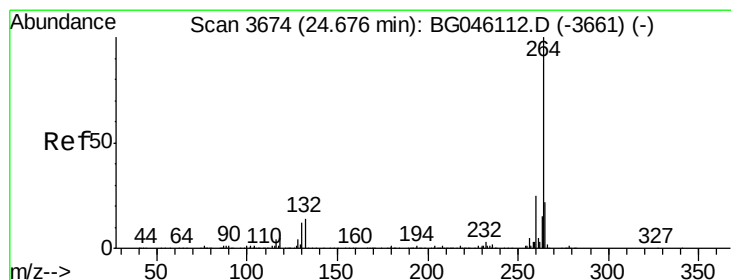
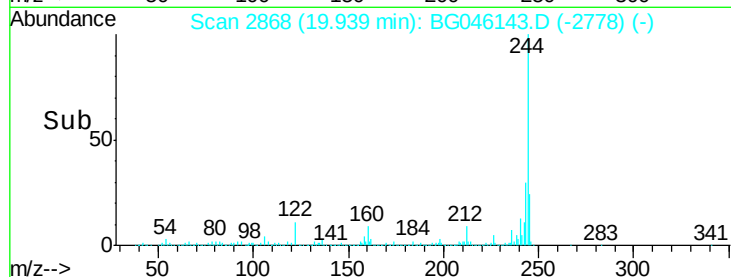
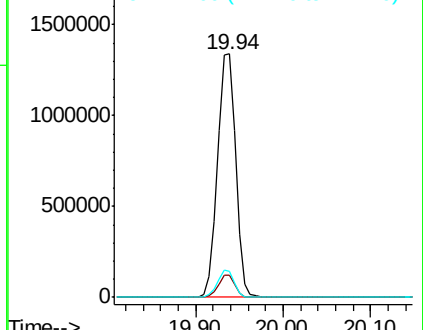
122 10.5 8.3 12.5



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# 3674

Delta R.T. -0.00 min

Lab File: BG046143.D

Acq: 1 Aug 2020 4:15

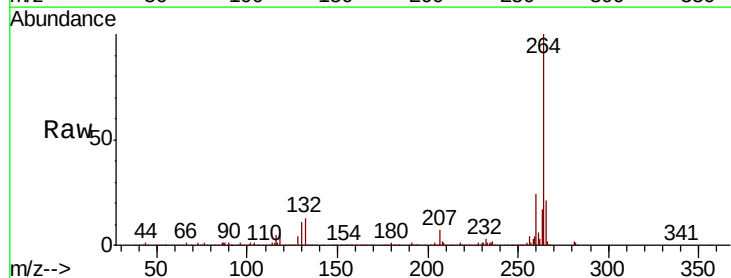
Tgt Ion:264 Resp: 580859

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 21.2 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

