

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
 Data File : BG046216.D
 Acq On : 11 Aug 2020 14:04
 Operator : CG/JU
 Sample : L3624-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-4

Quant Time: Aug 11 15:09:43 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

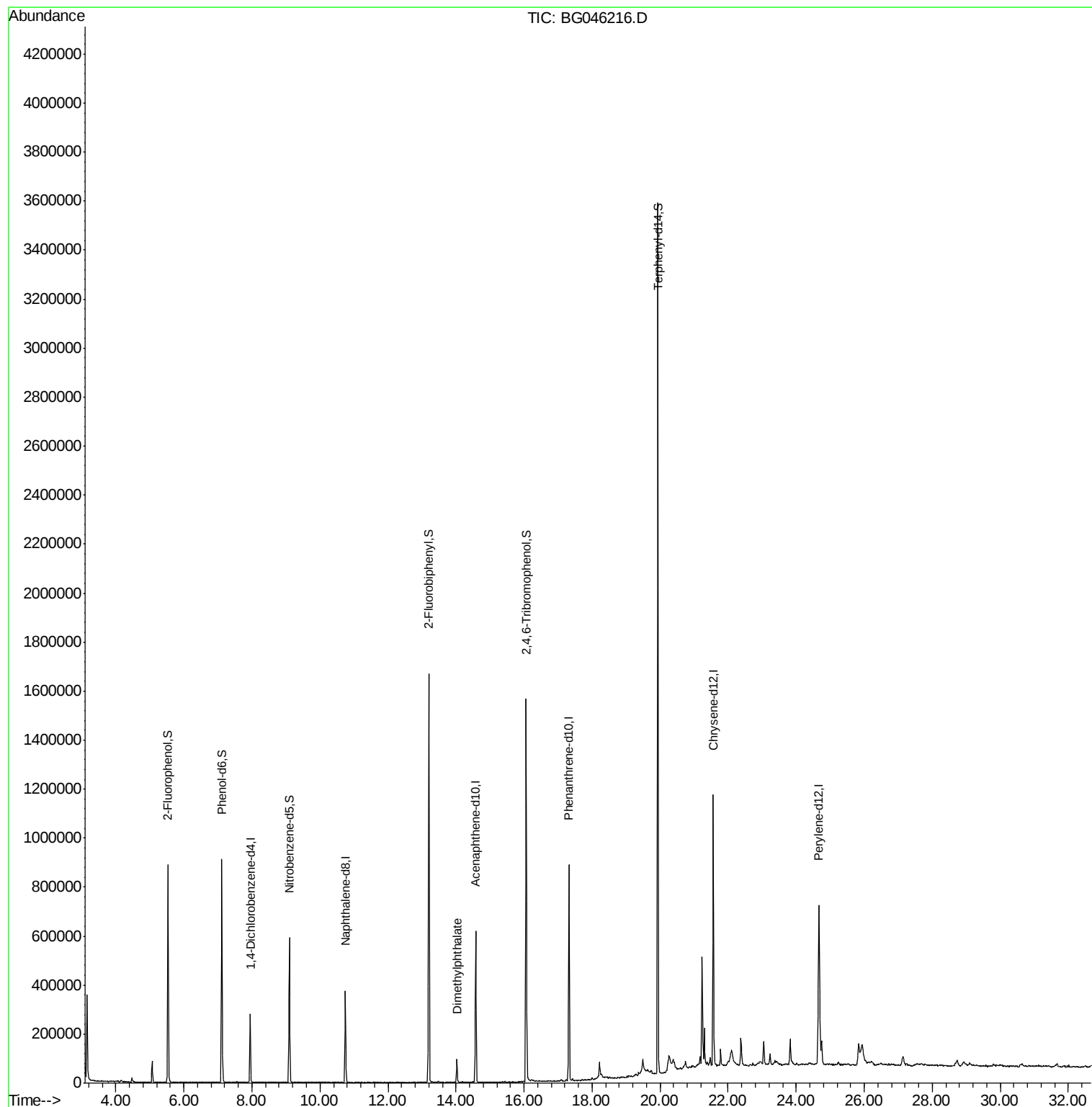
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	88100	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	335325	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	221641	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	566608	20.00	ng	0.00
76) Chrysene-d12	21.56	240	669815	20.00	ng	-0.01
86) Perylene-d12	24.67	264	714092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	424256	83.71	ng	0.00
7) Phenol-d6	7.11	99	554224	80.24	ng	0.00
23) Nitrobenzene-d5	9.10	82	369788	59.71	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	357631	105.05	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	909748	59.62	ng	0.00
79) Terphenyl-d14	19.93	244	1645873	50.04	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.03	163	72547	4.265	ng	Qvalue 96

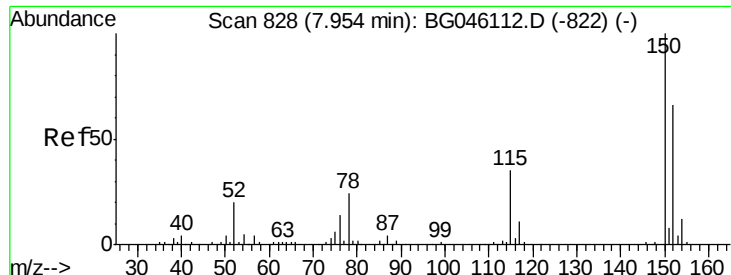
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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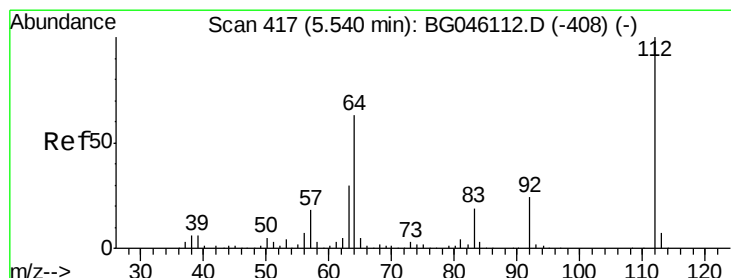
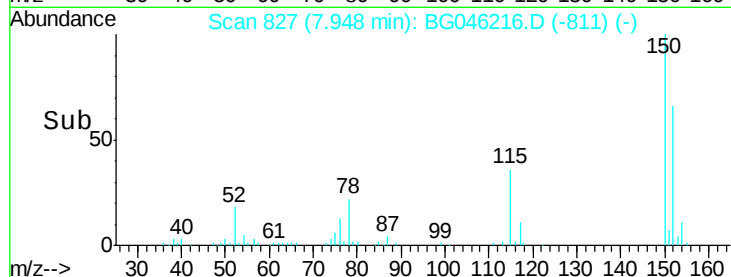
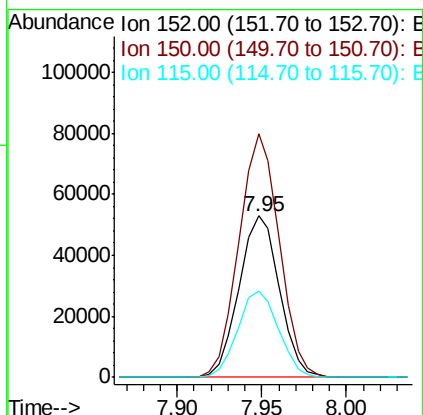
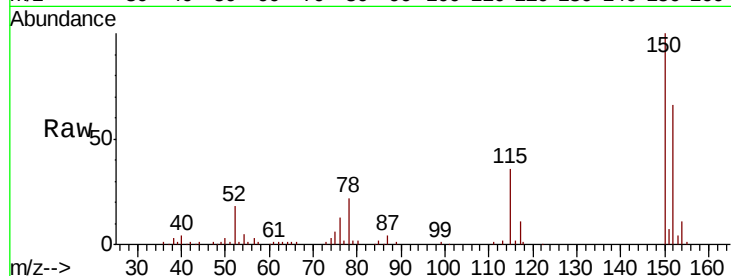


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046216.D
Acq: 11 Aug 2020 14:04

Instrument :
BNA_G
ClientSampleId :
SS-TP-4

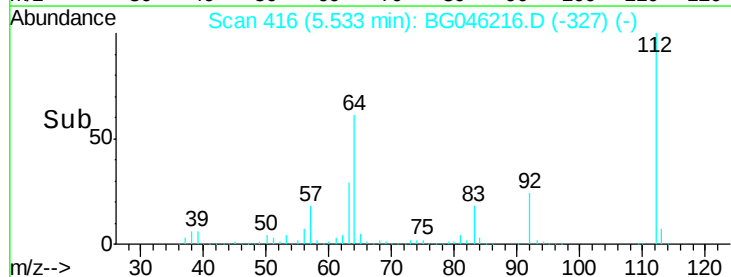
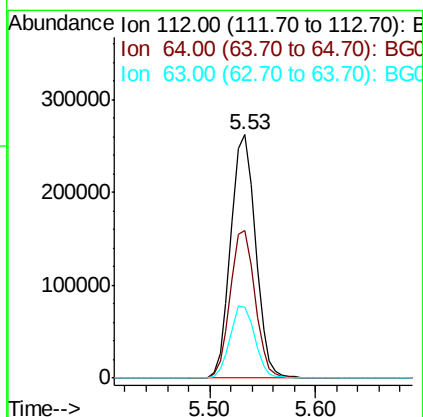
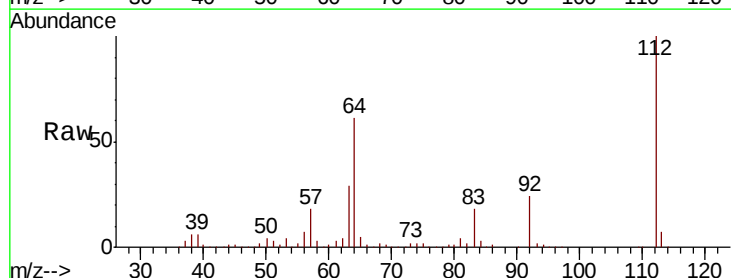
Tot Ion:152 Resp: 88100
Ion Ratio Lower Upper
152 100
150 151.0 122.1 183.1
115 53.7 43.2 64.8

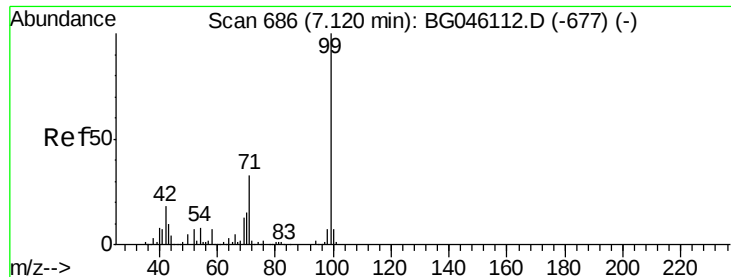


#5

2-Fluorophenol
Concen: 83.713 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046216.D
Acq: 11 Aug 2020 14:04

Tgt Ion:112 Resp: 424256
Ion Ratio Lower Upper
112 100
64 60.6 50.2 75.2
63 29.3 24.2 36.4





#7

Phenol-d6

Concen: 80.241 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

Instrument :

BNA_G

ClientSampleId :

SS-TP-4

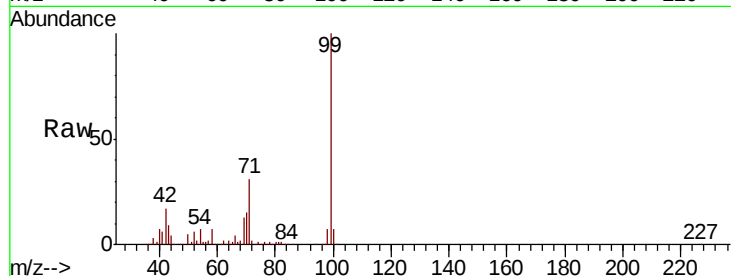
Tot Ion: 99 Resp: 554224

Ion Ratio Lower Upper

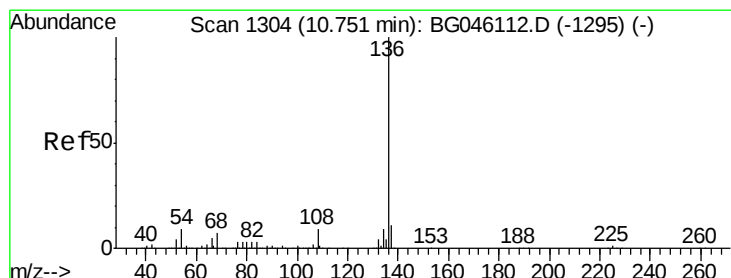
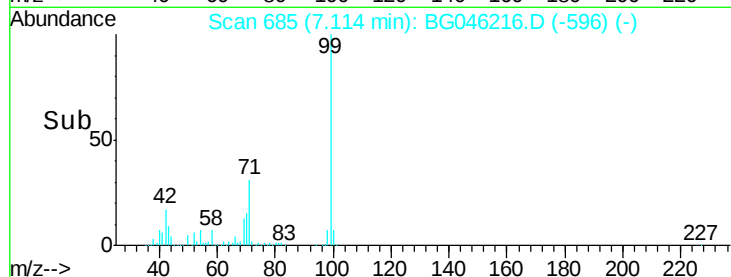
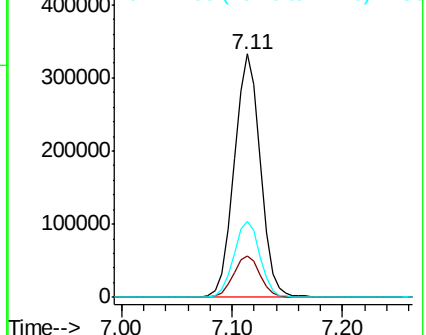
99 100

42 16.9 14.7 22.1

71 31.2 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: 10.74 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

Tgt Ion: 136 Resp: 335325

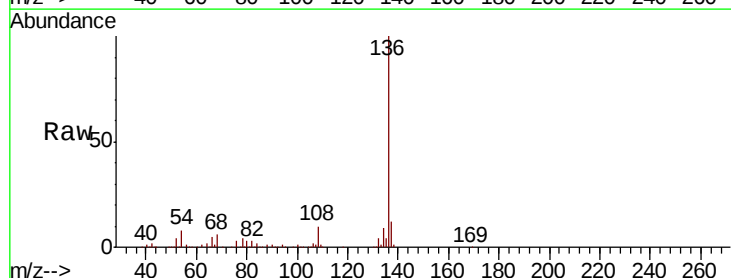
Ion Ratio Lower Upper

136 100

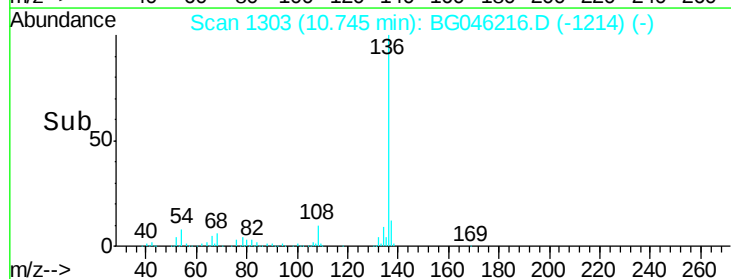
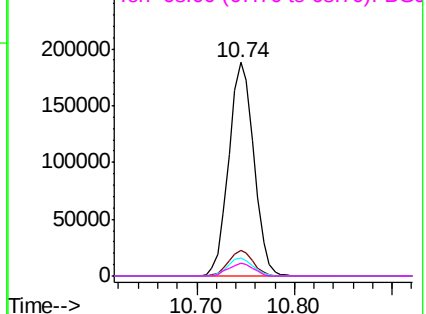
137 12.2 8.8 13.2

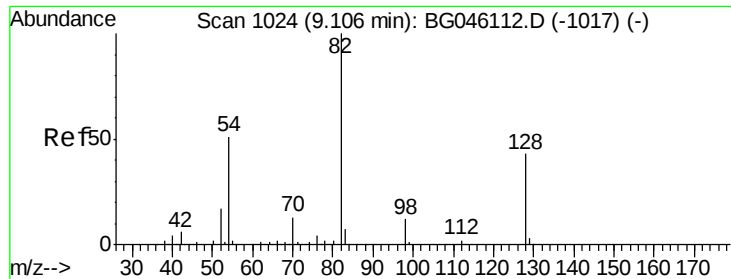
54 8.5 7.0 10.4

68 6.0 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

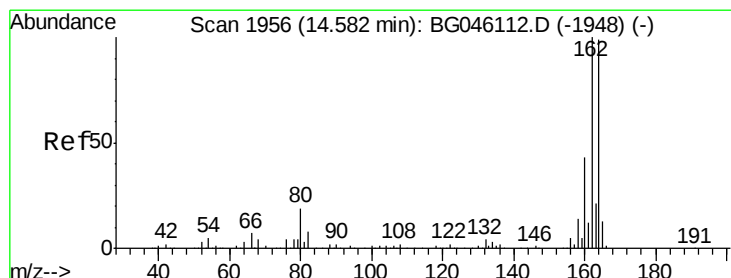
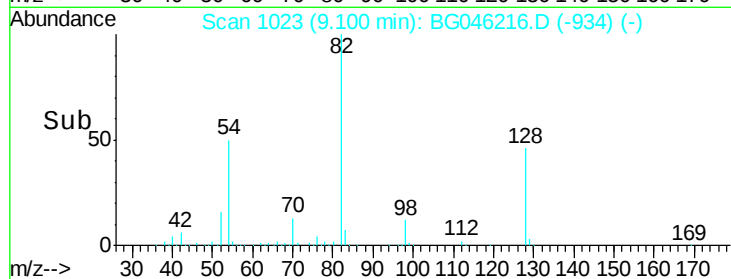
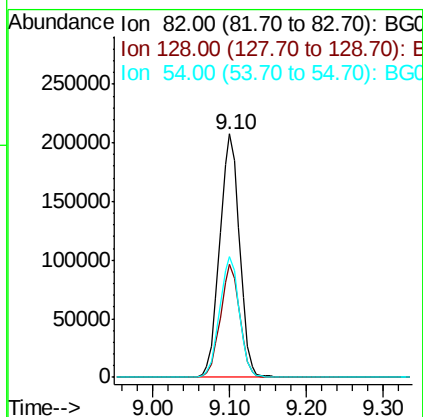
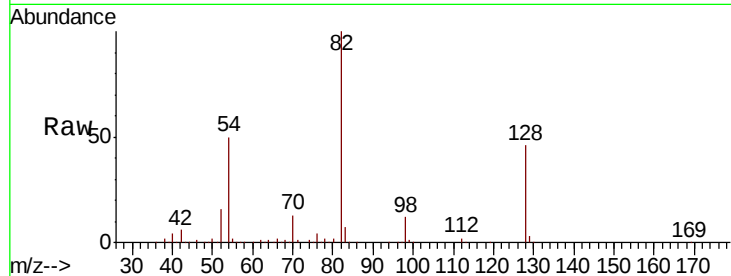




#23
Nitrobenzene-d5
Concen: 59.707 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046216.D
Acq: 11 Aug 2020 14:04

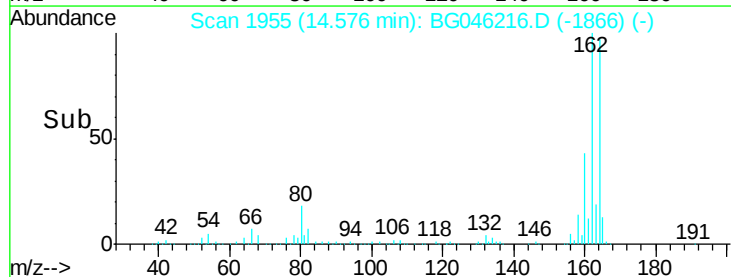
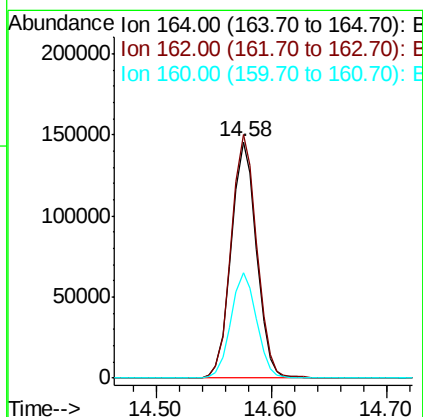
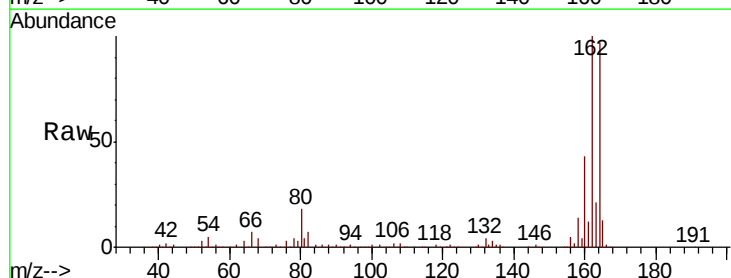
Instrument :
BNA_G
ClientSampled :
SS-TP-4

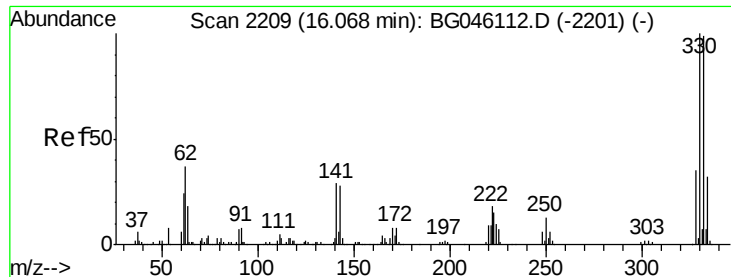
Tot Ion	82	Resp	369788
Ion Ratio	100	Lower	Upper
128	46.5	34.4	51.6
54	49.6	40.8	61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046216.D
Acq: 11 Aug 2020 14:04

Tgt Ion	164	Resp	221641
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.1	80.6	121.0
160	44.6	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 105.051 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

Instrument :

BNA_G

ClientSampleId :

SS-TP-4

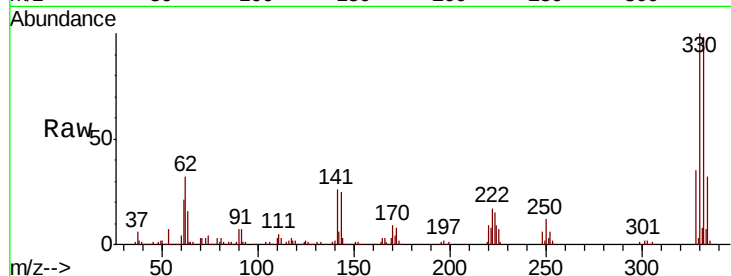
Tot Ion:330 Resp: 357631

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

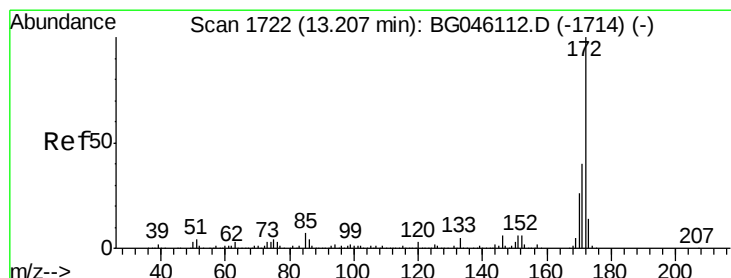
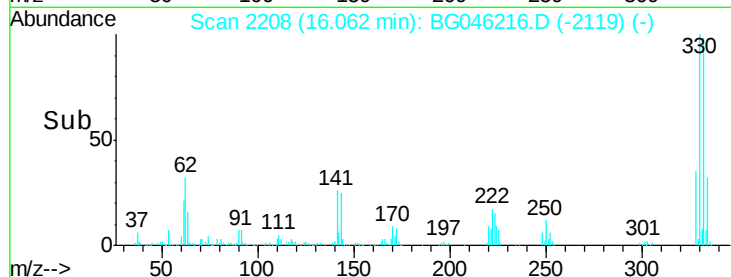
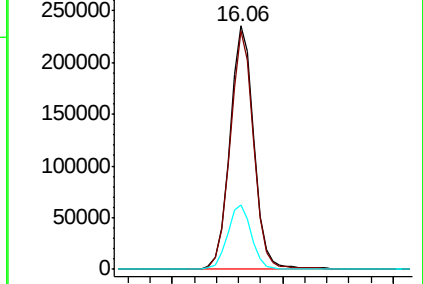
141 26.6 23.4 35.0



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: 59.625 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

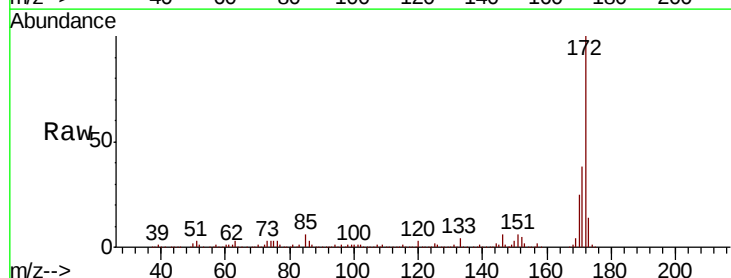
Tgt Ion:172 Resp: 909748

Ion Ratio Lower Upper

172 100

171 38.2 31.7 47.5

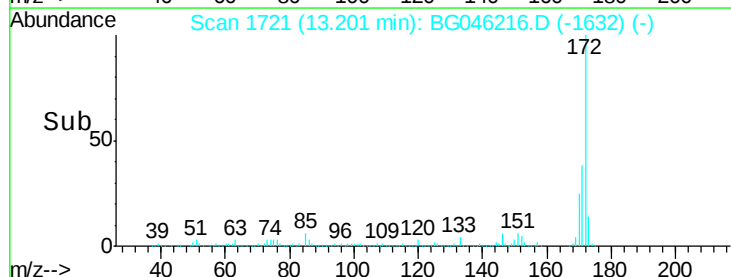
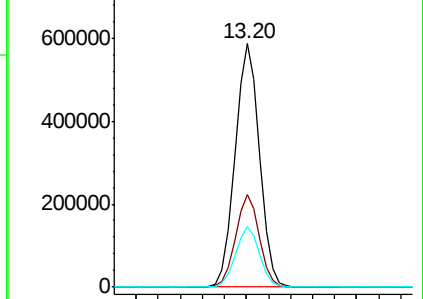
170 24.8 20.9 31.3

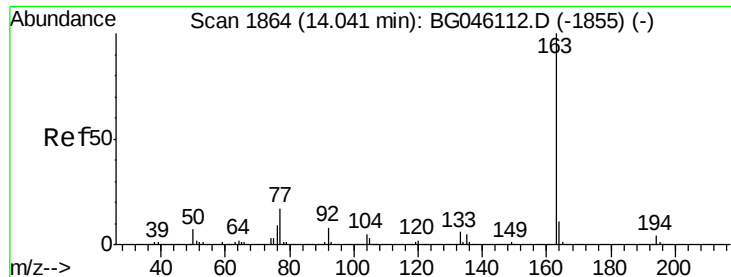


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

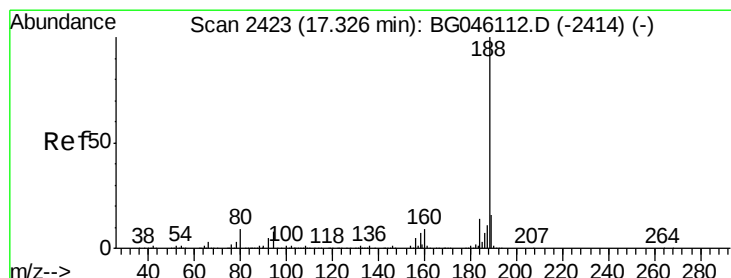
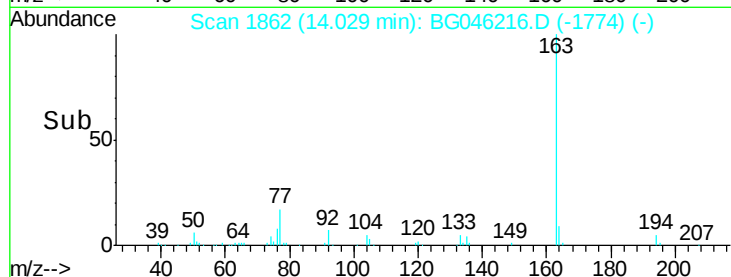
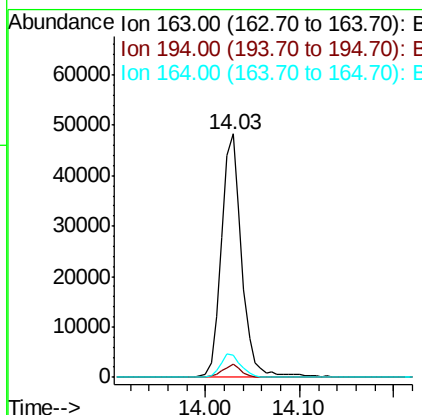
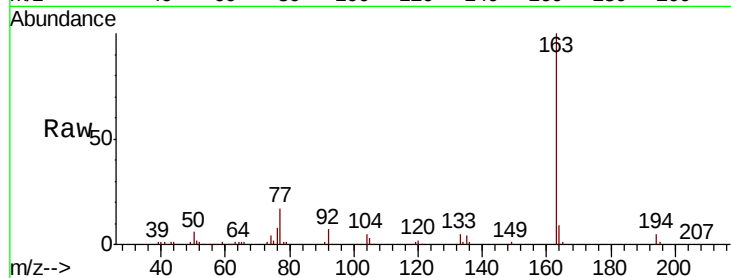




#50
Dimethylphthalate
Concen: 4.265 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046216.D
Acq: 11 Aug 2020 14:04

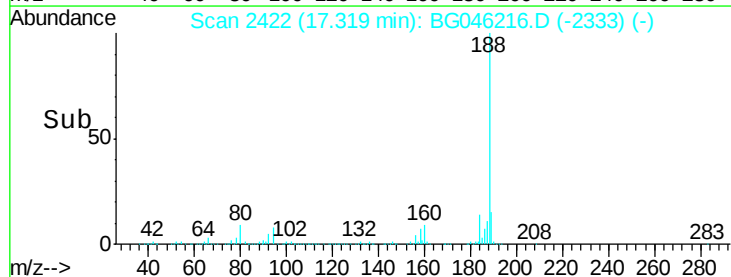
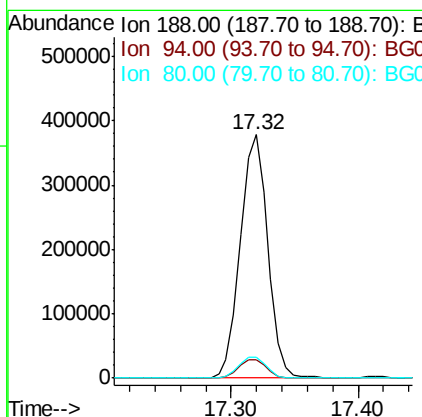
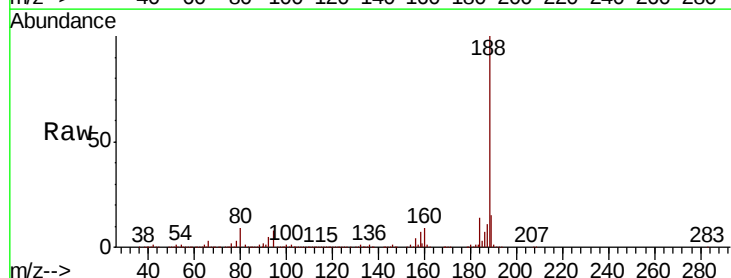
Instrument :
BNA_G
ClientSampleId :
SS-TP-4

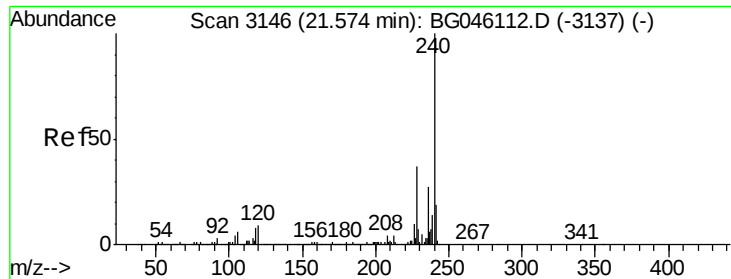
Tot Ion:163 Resp: 72547
Ion Ratio Lower Upper
163 100
194 5.2 3.5 5.3
164 9.3 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046216.D
Acq: 11 Aug 2020 14:04

Tgt Ion:188 Resp: 566608
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.6 7.4 11.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

Instrument :

BNA_G

ClientSampleId :

SS-TP-4

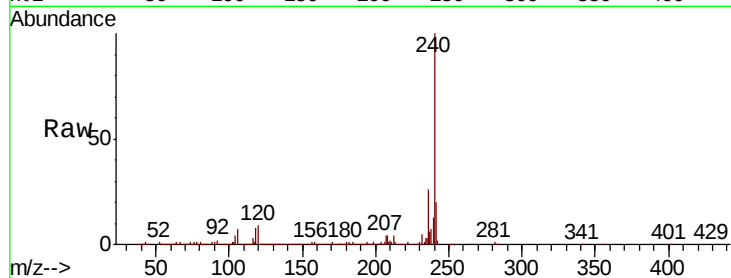
Tot Ion:240 Resp: 669815

Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

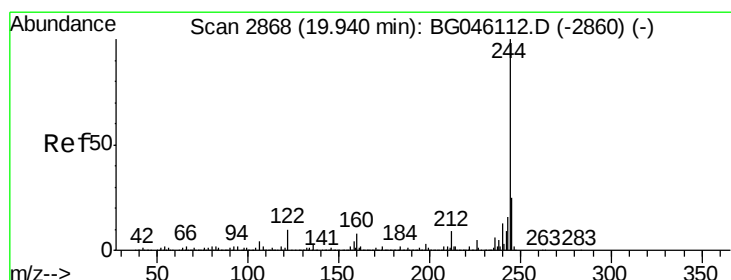
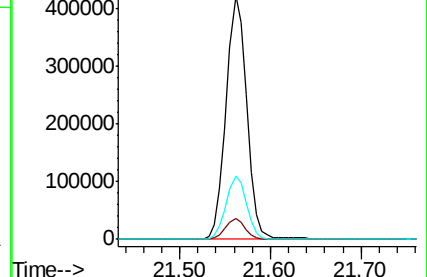
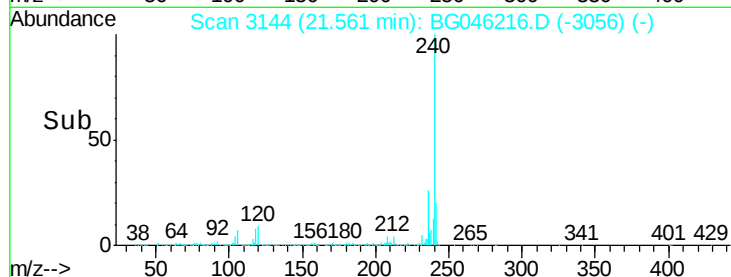
236 25.7 21.7 32.5



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



#79

Terphenyl-d14

Concen: 50.044 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

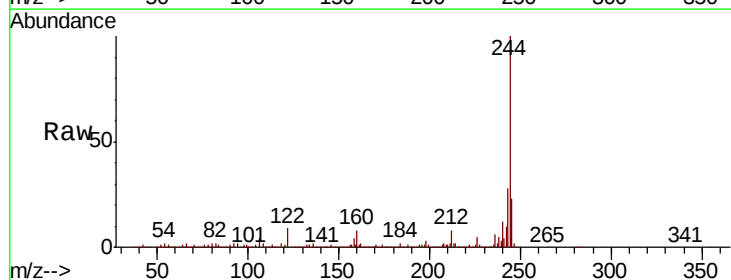
Tgt Ion:244 Resp: 1645873

Ion Ratio Lower Upper

244 100

212 8.2 7.2 10.8

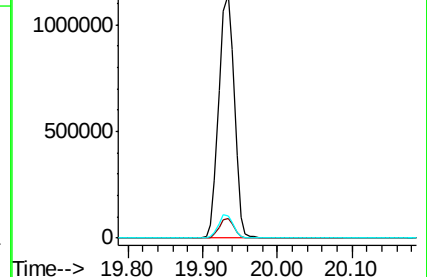
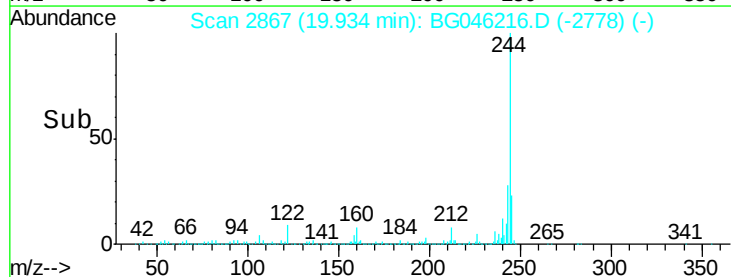
122 9.3 8.3 12.5

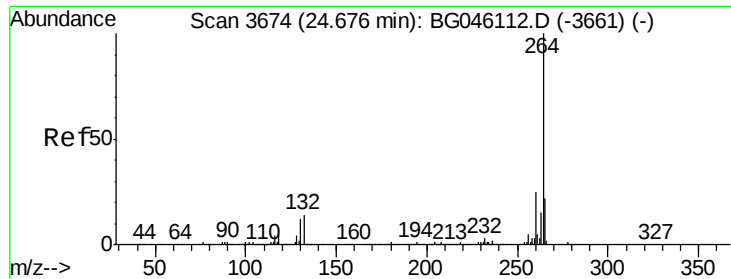


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

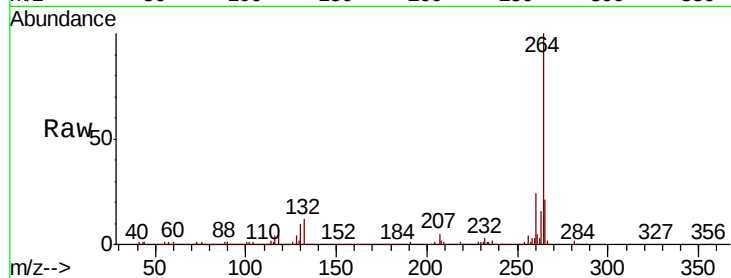




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG046216.D
Acq: 11 Aug 2020 14:04

Instrument :
BNA_G
ClientSampleId :
SS-TP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

