

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046278.D
 Acq On : 14 Aug 2020 16:38
 Operator : CG/JU
 Sample : L3659-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-1

Quant Time: Aug 14 18:34:04 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	91739	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	360464	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	235588	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	566736	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	650320	20.00	ng	-0.01
86) Perylene-d12	24.66	264	652175	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	542511	102.80	ng	0.00
7) Phenol-d6	7.12	99	642362	89.31	ng	0.00
23) Nitrobenzene-d5	9.10	82	524112	78.72	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	434494	120.07	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1254604	77.36	ng	0.00
79) Terphenyl-d14	19.93	244	2128458	66.66	ng	0.00

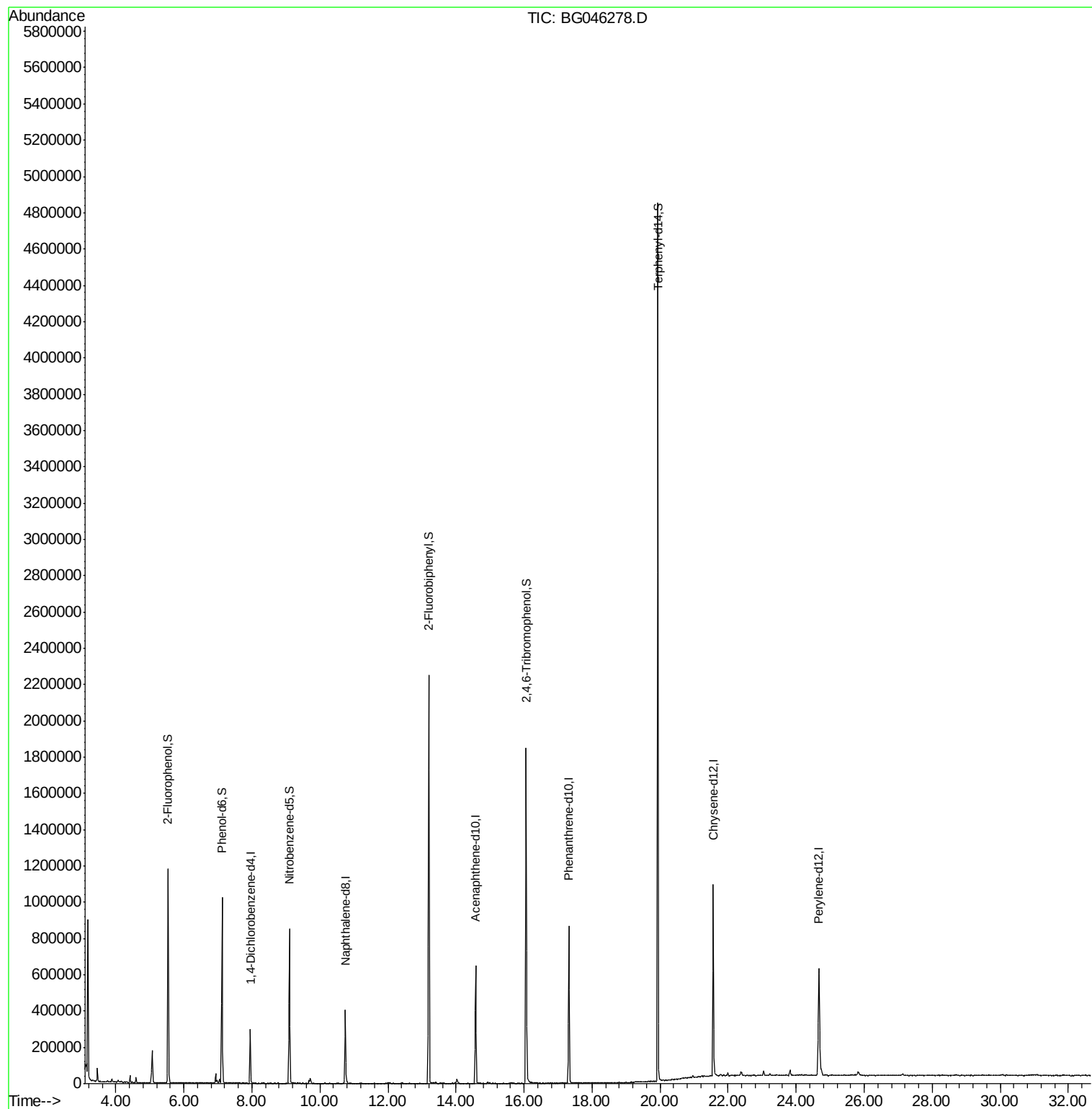
Target Compounds Qvalue

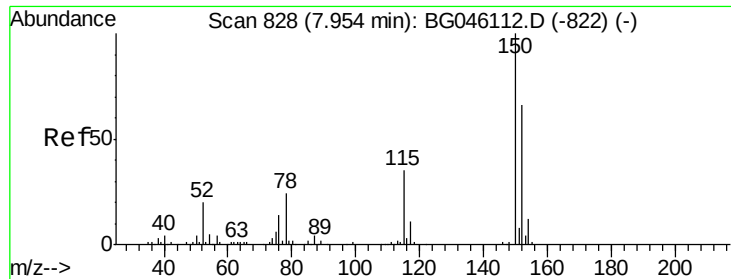
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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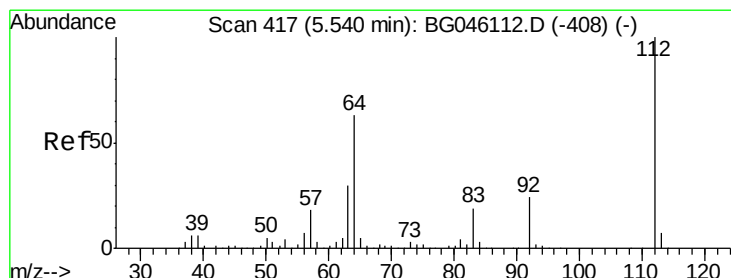
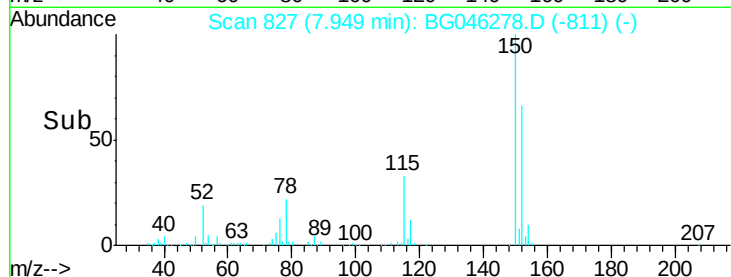
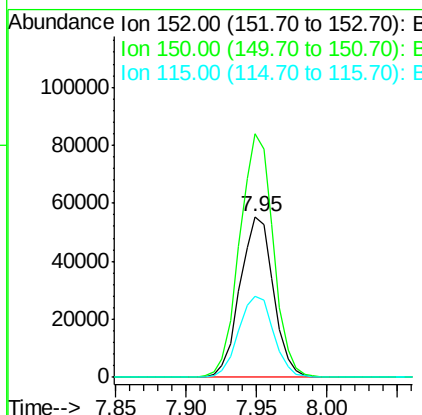
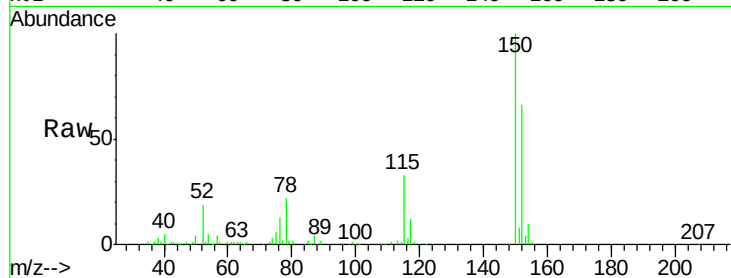


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046278.D
Acq: 14 Aug 2020 16:38

Instrument :
BNA_G
ClientSampleId :
SP1-1

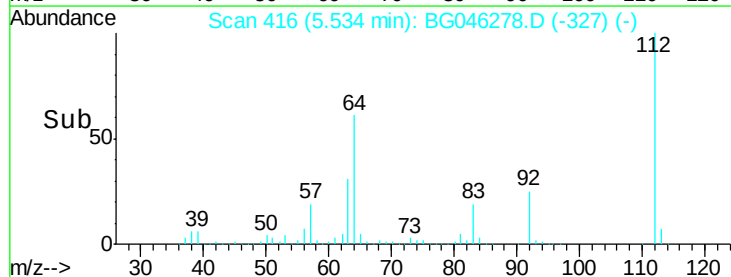
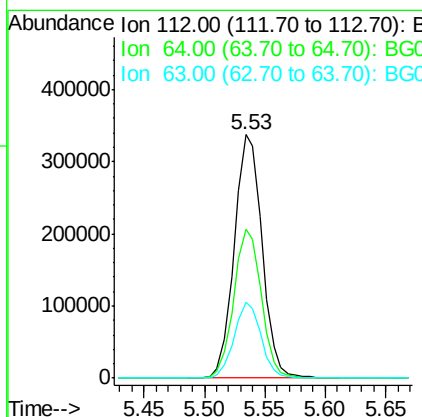
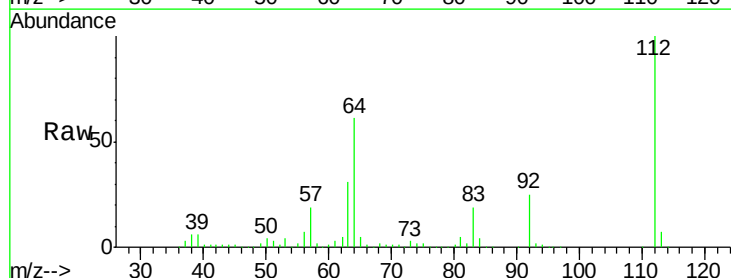
Tot Ion:152 Resp: 91739
Ion Ratio Lower Upper
152 100
150 151.5 122.1 183.1
115 50.7 43.2 64.8

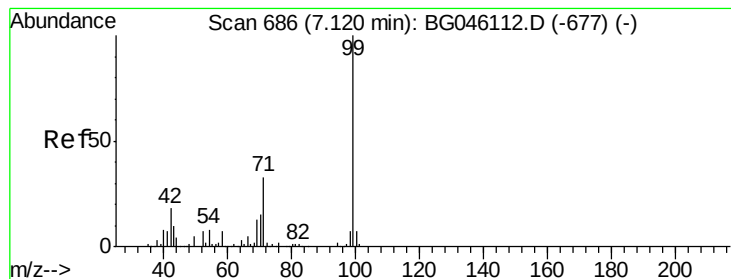


#5

2-Fluorophenol
Concen: 102.801 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046278.D
Acq: 14 Aug 2020 16:38

Tgt Ion:112 Resp: 542511
Ion Ratio Lower Upper
112 100
64 61.3 50.2 75.2
63 31.0 24.2 36.4





#7

Phenol-d6

Concen: 89.313 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

Instrument :

BNA_G

ClientSampleId :

SP1-1

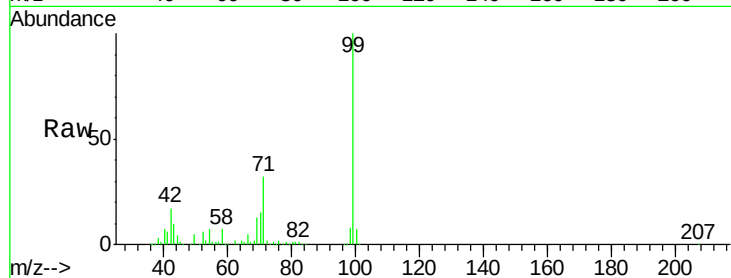
Tot Ion: 99 Resp: 642362

Ion Ratio Lower Upper

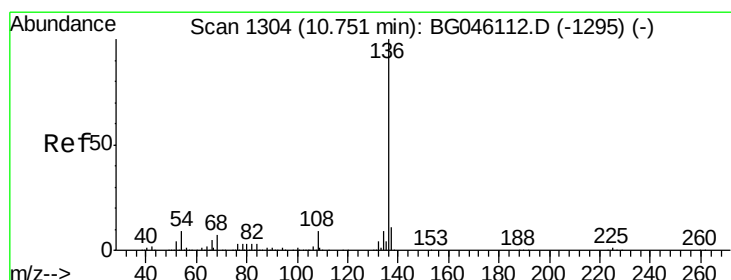
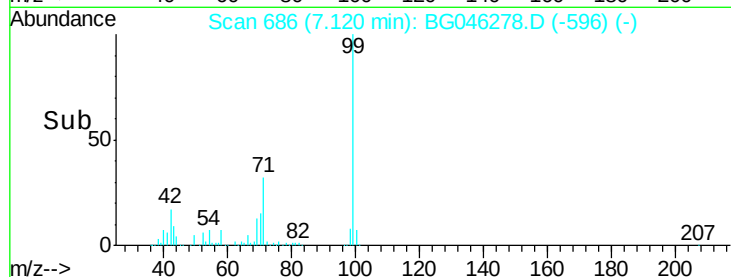
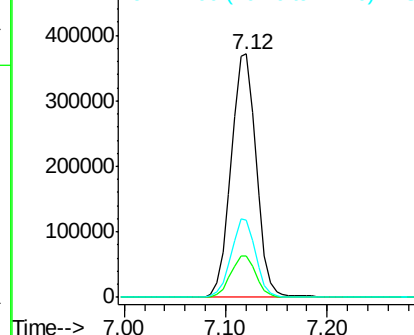
99 100

42 16.9 14.7 22.1

71 31.9 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# 1303

Delta R.T. -0.01 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

Tgt Ion: 136 Resp: 360464

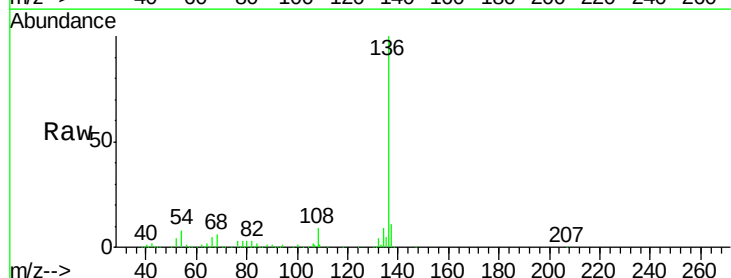
Ion Ratio Lower Upper

136 100

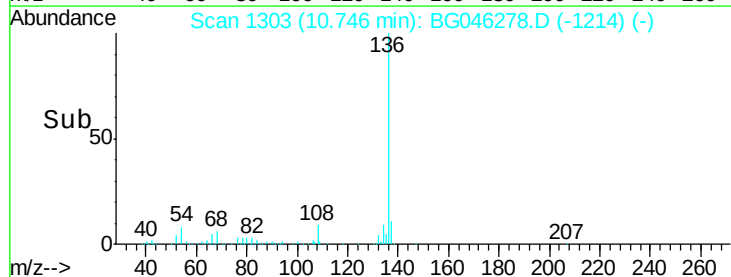
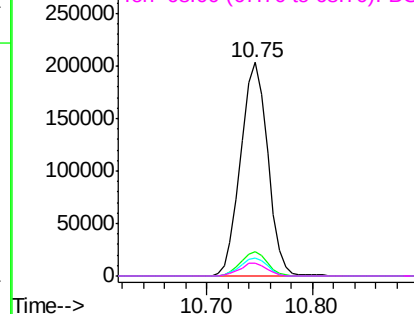
137 11.1 8.8 13.2

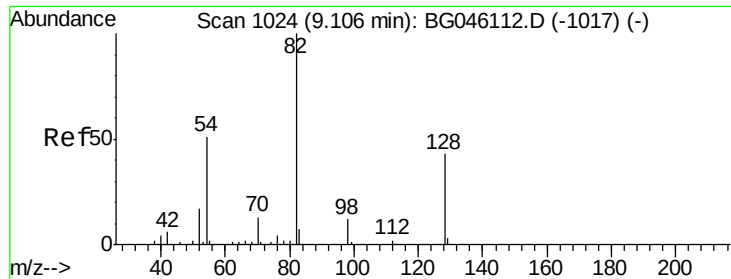
54 8.1 7.0 10.4

68 6.2 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

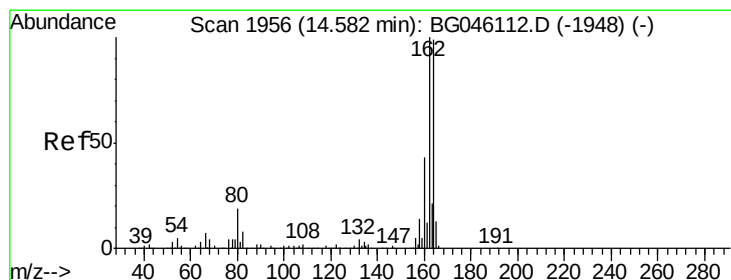
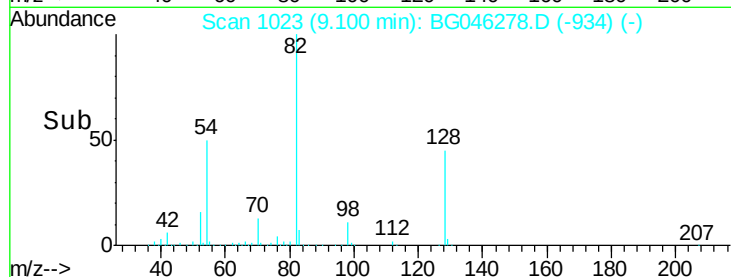
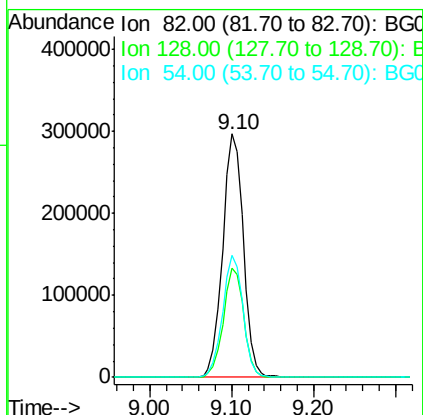
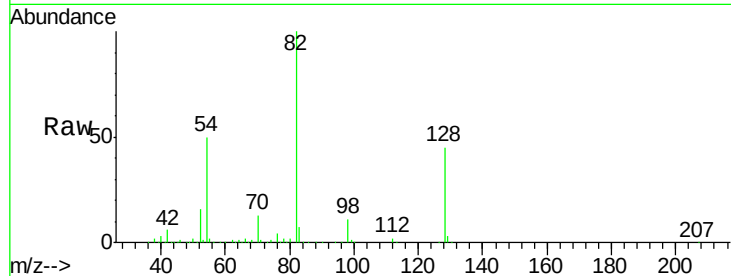




#23
Nitrobenzene-d5
Concen: 78.723 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046278.D
Acq: 14 Aug 2020 16:38

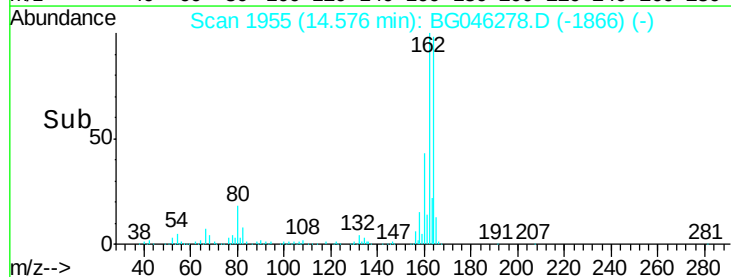
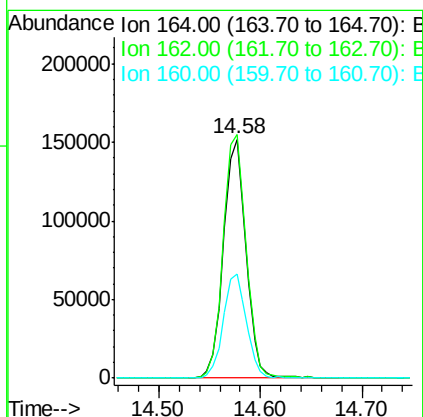
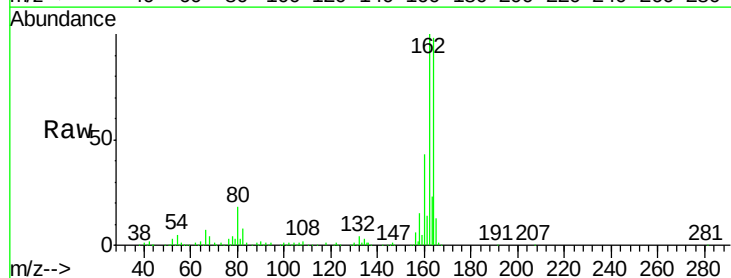
Instrument :
BNA_G
ClientSampleId :
SP1-1

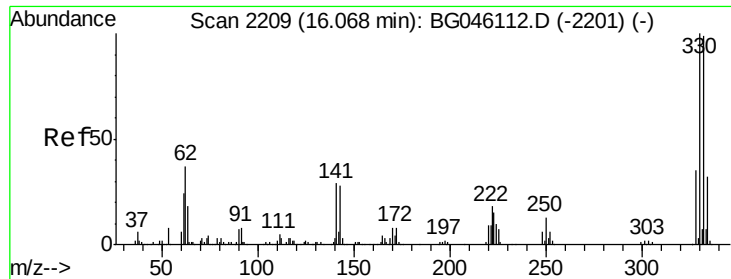
Tot Ion	82	Resp	524112
Ion Ratio	Lower	Upper	
82	100		
128	44.9	34.4	51.6
54	50.3	40.8	61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046278.D
Acq: 14 Aug 2020 16:38

Tgt Ion	164	Resp	235588
Ion Ratio	Lower	Upper	
164	100		
162	102.1	80.6	121.0
160	43.6	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 120.073 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

Instrument :

BNA_G

ClientSampleId :

SP1-1

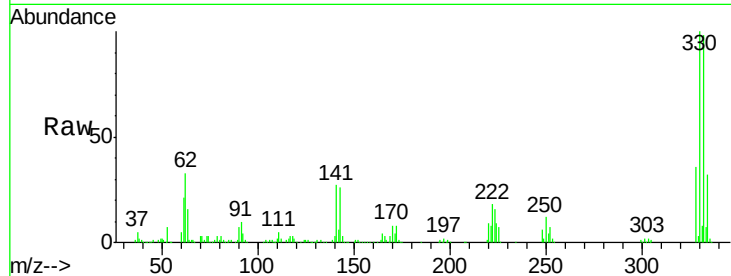
Tot Ion:330 Resp: 434494

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

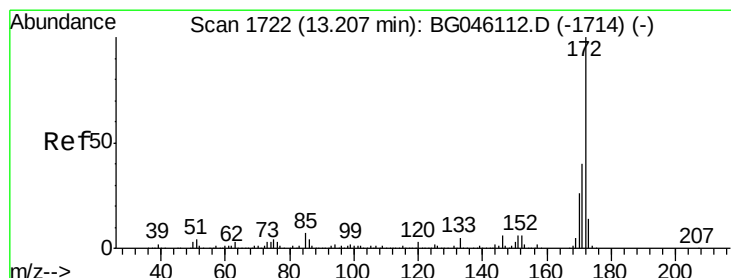
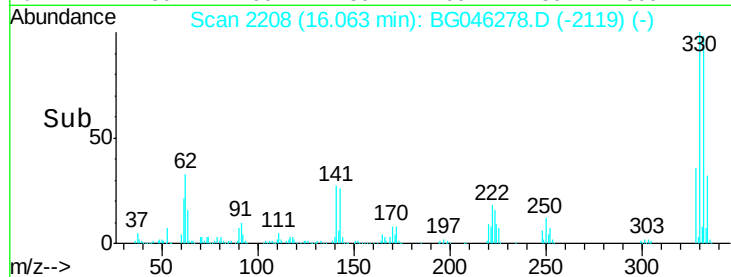
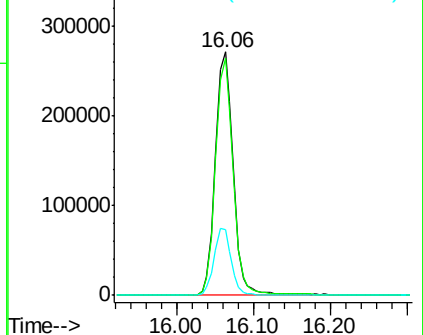
141 26.7 23.4 35.0



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: 77.359 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

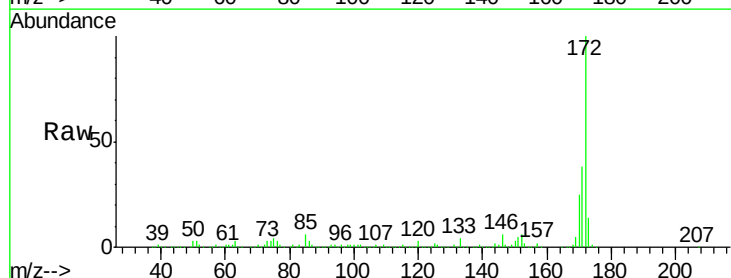
Tgt Ion:172 Resp: 1254604

Ion Ratio Lower Upper

172 100

171 38.2 31.7 47.5

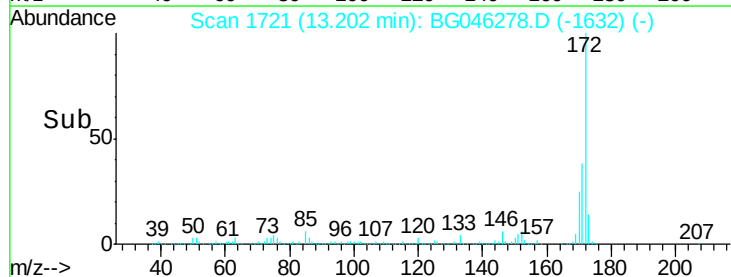
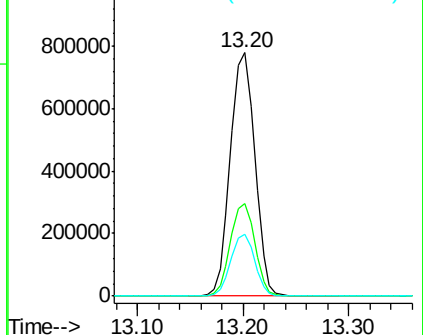
170 25.3 20.9 31.3

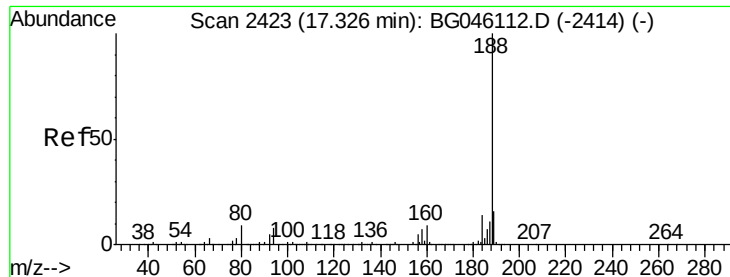


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.31 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

Instrument :

BNA_G

ClientSampleId :

SP1-1

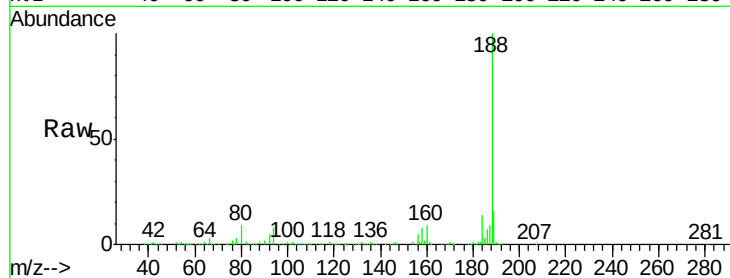
Tot Ion:188 Resp: 566736

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

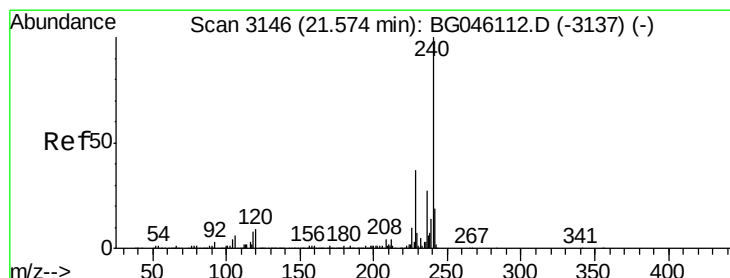
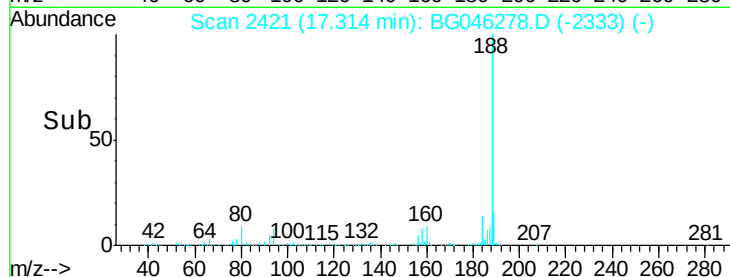
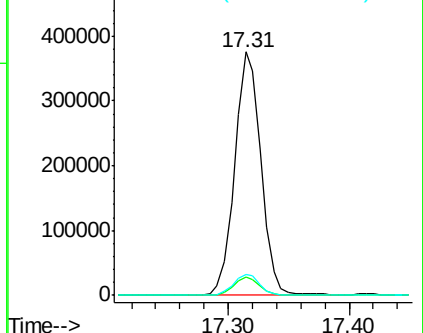
80 8.7 7.4 11.0



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: BG046278.D

Acq: 14 Aug 2020 16:38

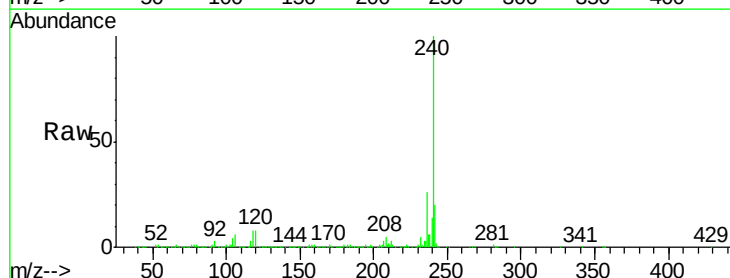
Tgt Ion:240 Resp: 650320

Ion Ratio Lower Upper

240 100

120 8.4 7.1 10.7

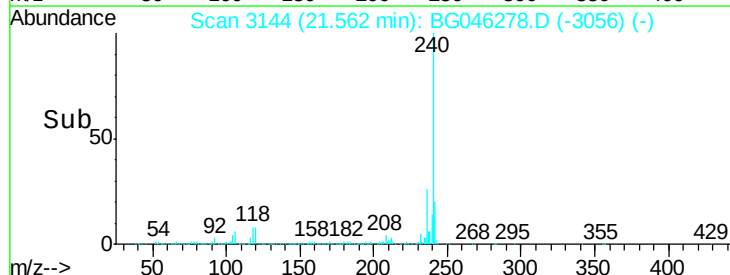
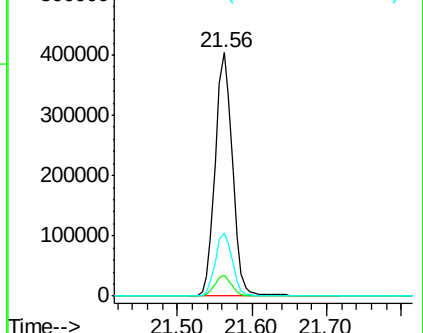
236 26.1 21.7 32.5

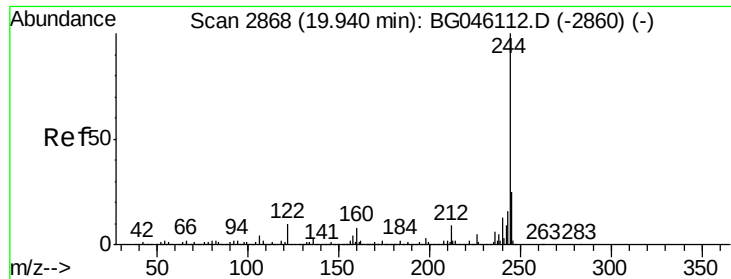


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.658 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

Instrument :

BNA_G

ClientSampleId :

SP1-1

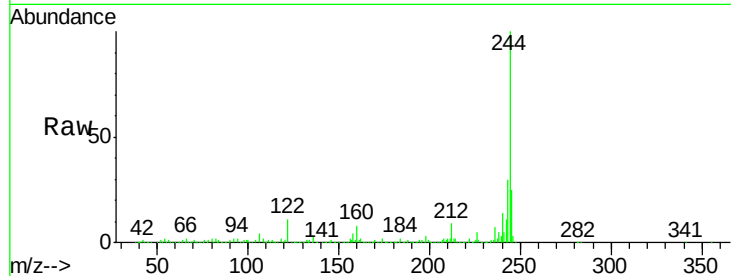
Tot Ion:244 Resp: 2128458

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

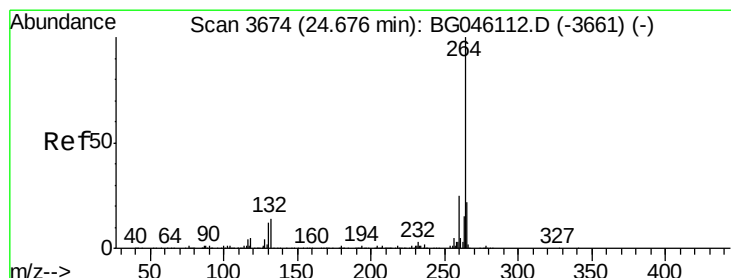
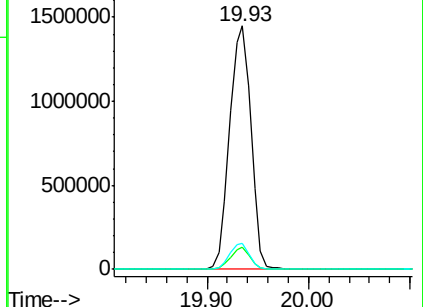
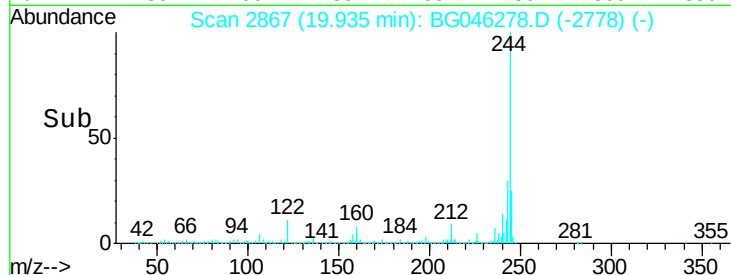
122 10.5 8.3 12.5



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: 24.66 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

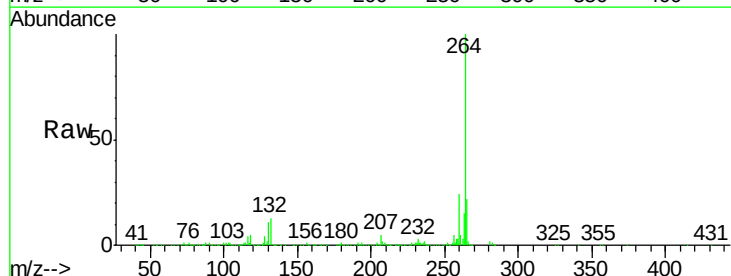
Tgt Ion:264 Resp: 652175

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 22.0 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

