

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
 Data File : BG046589.D
 Acq On : 10 Sep 2020 19:52
 Operator : CG/JU
 Sample : L3870-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820

Quant Time: Sep 11 00:49:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	74038	20.00	ng	-0.01
21) Naphthalene-d8	10.73	136	294125	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	199666	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	476904	20.00	ng	0.00
76) Chrysene-d12	21.55	240	494286	20.00	ng	0.00
86) Perylene-d12	24.65	264	481994	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	459322	109.88	ng	0.00
7) Phenol-d6	7.10	99	550082	92.83	ng	0.00
23) Nitrobenzene-d5	9.08	82	428567	83.28	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	295050	109.06	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1094465	83.68	ng	0.00
79) Terphenyl-d14	19.92	244	1794474	77.26	ng	0.00

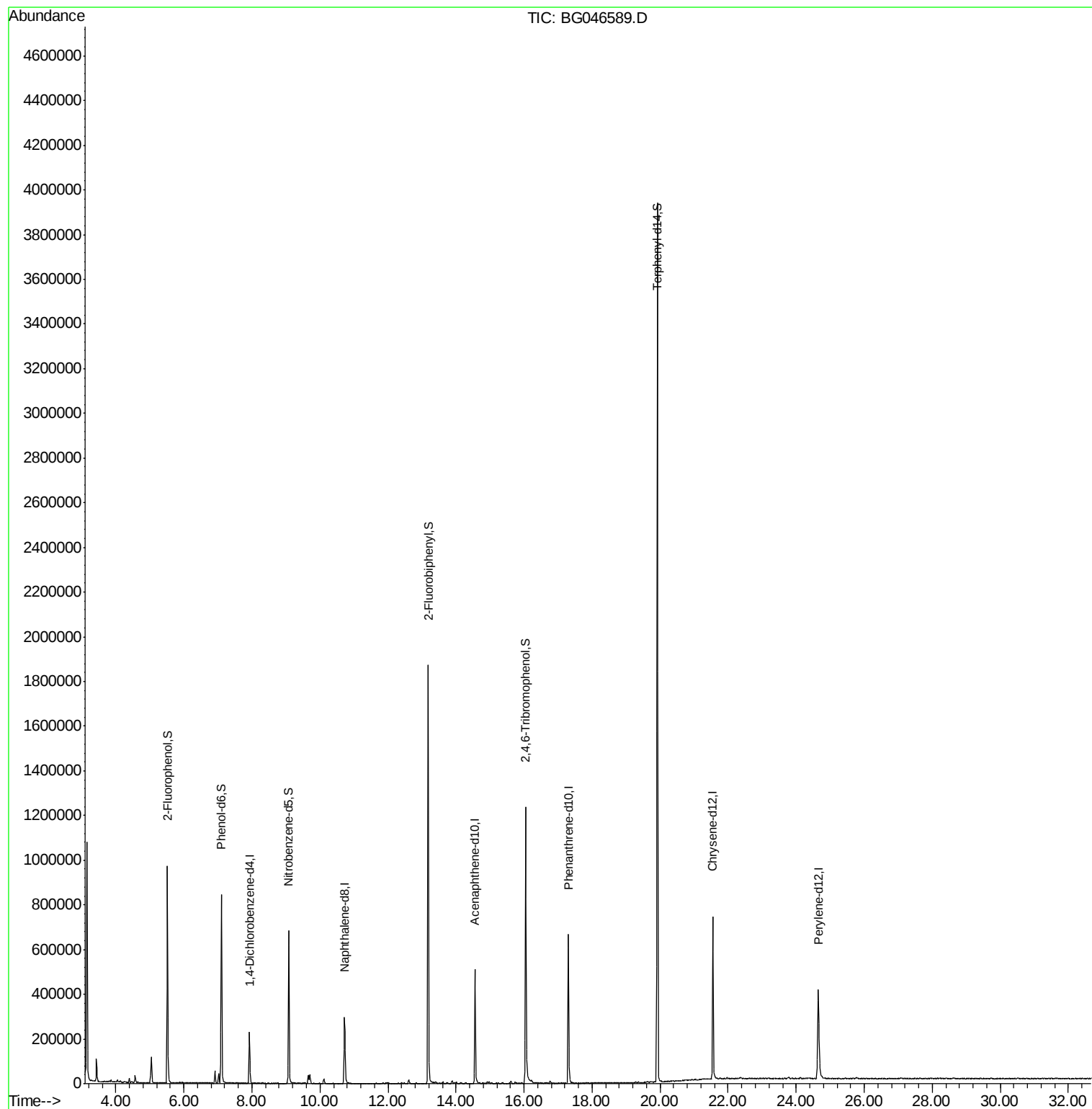
Target Compounds Qvalue

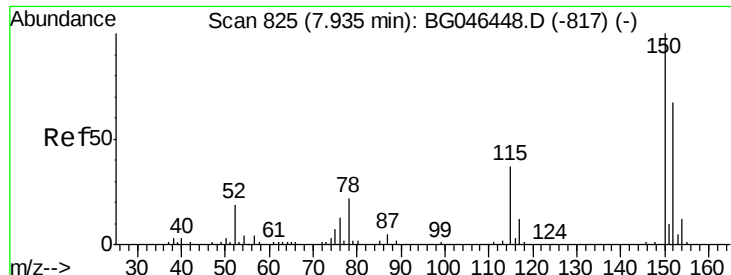
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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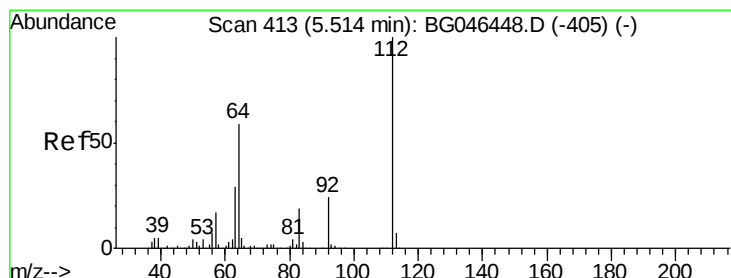
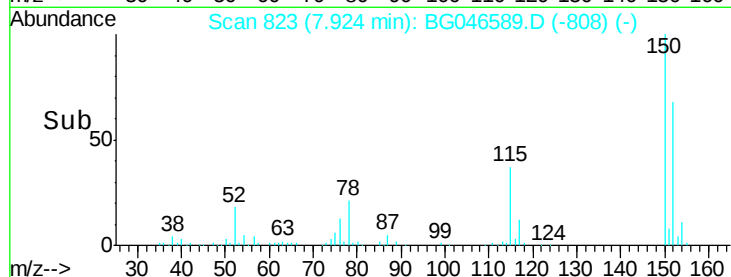
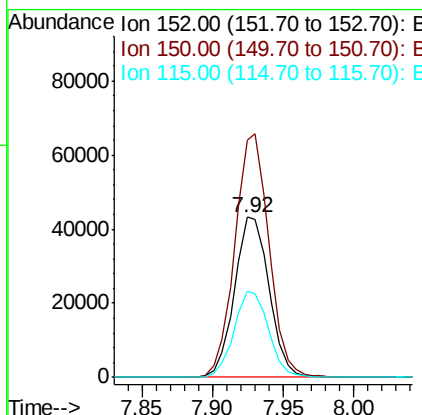
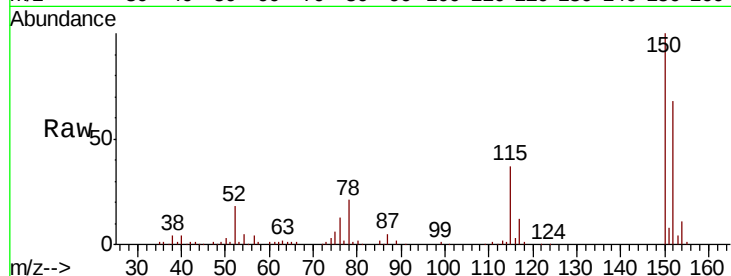




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046589.D
 Acq: 10 Sep 2020 19:52

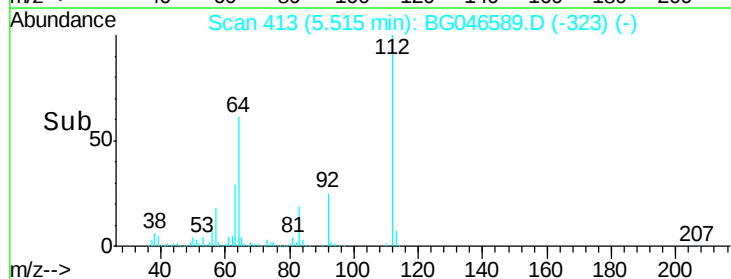
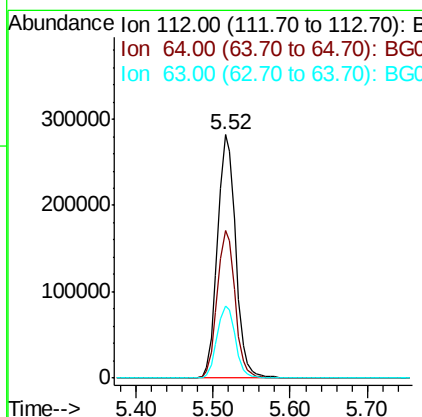
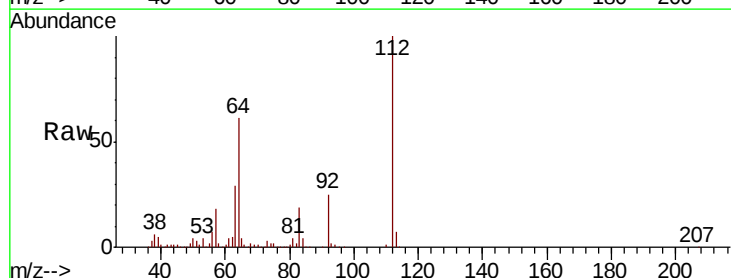
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820

Tot Ion	152	Resp	74038
Ion Ratio	100		
Lower	119.5		
Upper	179.3		
150	148.0		
115	54.2		
	44.3		
	66.5		



#5
 2-Fluorophenol
 Concen: 109.882 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046589.D
 Acq: 10 Sep 2020 19:52

Tgt Ion	112	Resp	459322
Ion Ratio	100		
Lower	47.0		
Upper	70.6		
64	60.8		
63	29.4		
	23.5		
	35.3		





#7

Phenol-d6

Concen: 92.829 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046589.D

Acq: 10 Sep 2020 19:52

Instrument :

BNA_G

ClientSampleId :

SU-04-090820

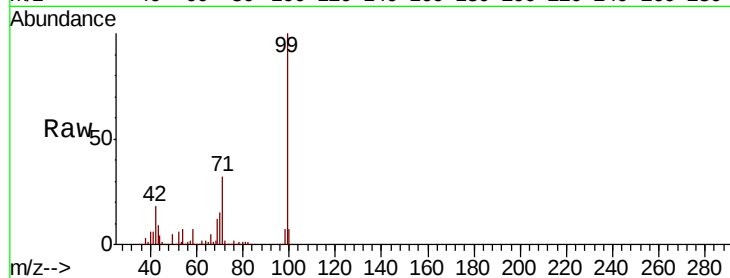
Tot Ion: 99 Resp: 550082

Ion Ratio Lower Upper

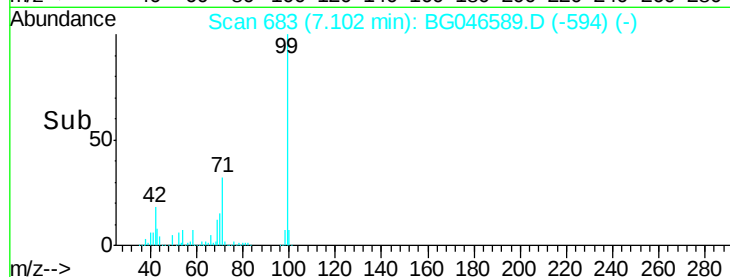
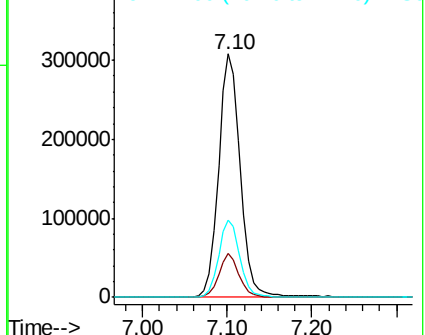
99 100

42 17.8 13.3 19.9

71 31.9 25.3 37.9



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: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046589.D

Acq: 10 Sep 2020 19:52

Tgt Ion: 136 Resp: 294125

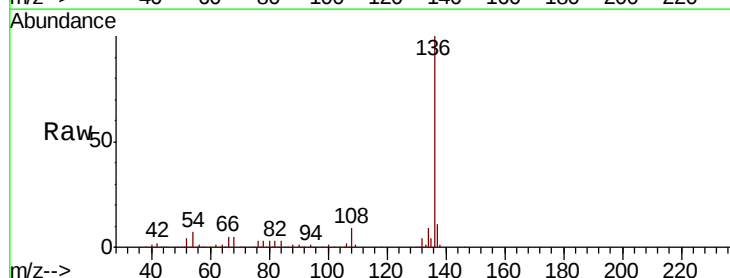
Ion Ratio Lower Upper

136 100

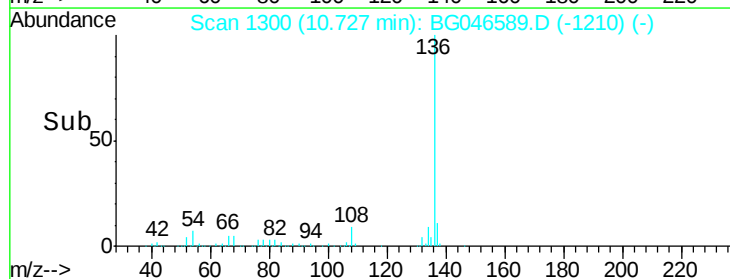
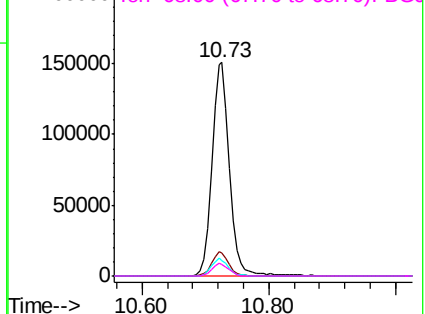
137 10.8 8.8 13.2

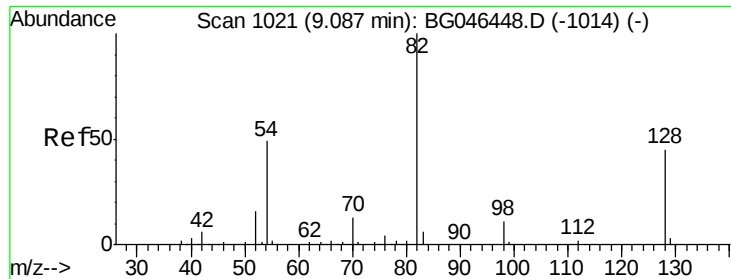
54 7.5 6.1 9.1

68 5.5 4.8 7.2



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

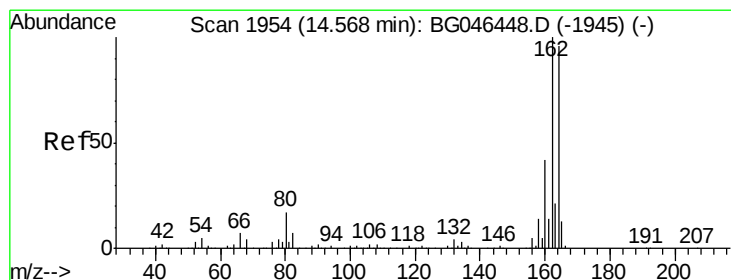
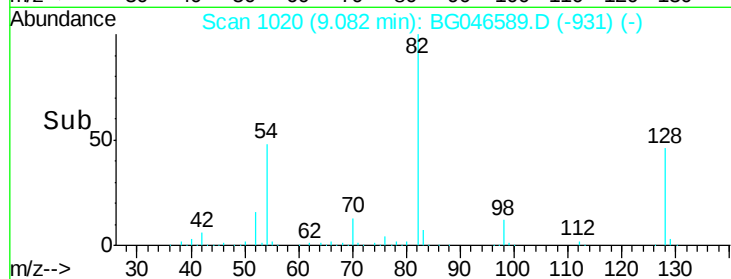
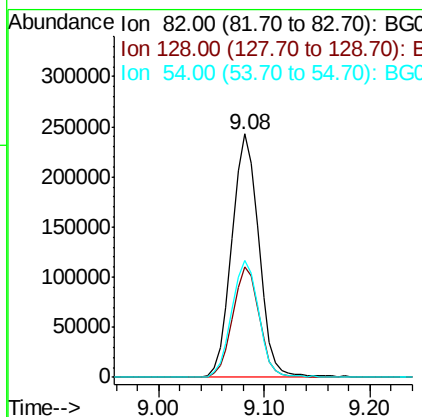
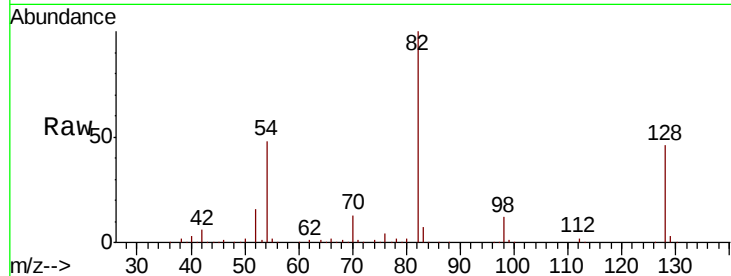




#23
Nitrobenzene-d5
Concen: 83.280 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046589.D
Acq: 10 Sep 2020 19:52

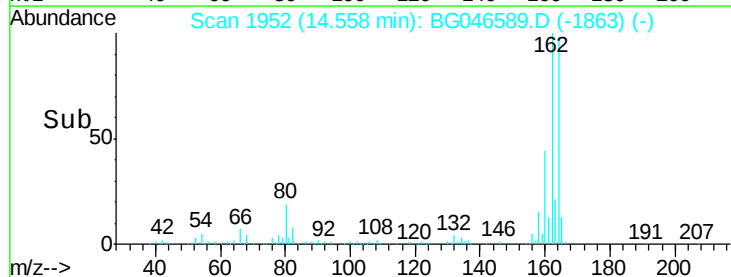
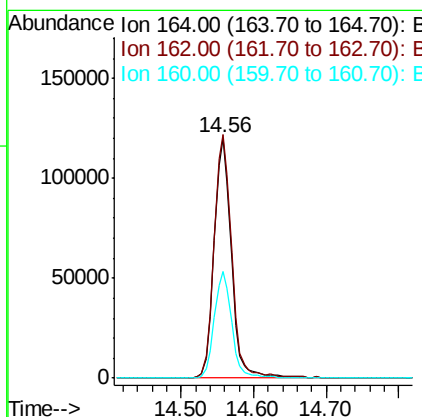
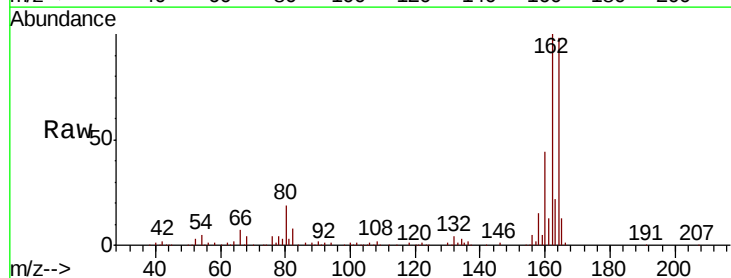
Instrument :
BNA_G
ClientSampleId :
SU-04-090820

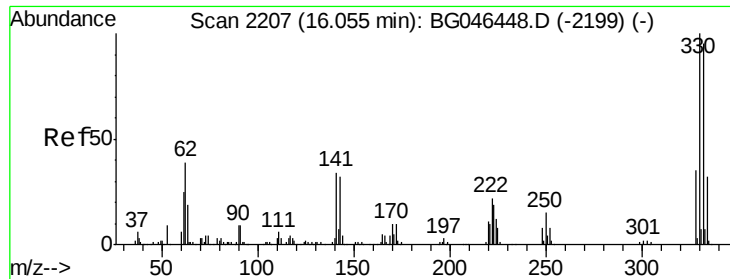
Tot Ion	82	Resp	428567
Ion Ratio	100		
Lower	35.7		
Upper	53.5		
128	45.6		
54	47.8		
	39.4		
	59.0		



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046589.D
Acq: 10 Sep 2020 19:52

Tgt Ion	164	Resp	199666
Ion Ratio	100		
Lower	83.3		
Upper	124.9		
162	101.5		
160	44.5		
	35.0		
	52.6		





#42

2,4,6-Tribromophenol

Concen: 109.062 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046589.D

Acq: 10 Sep 2020 19:52

Instrument :

BNA_G

ClientSampleId :

SU-04-090820

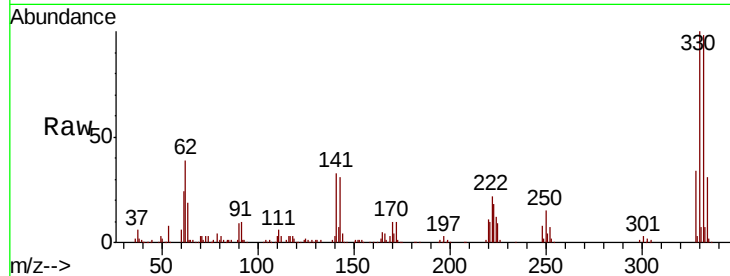
Tot Ion:330 Resp: 295050

Ion Ratio Lower Upper

330 100

332 97.2 76.1 114.1

141 32.8 26.1 39.1



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

16.05

200000

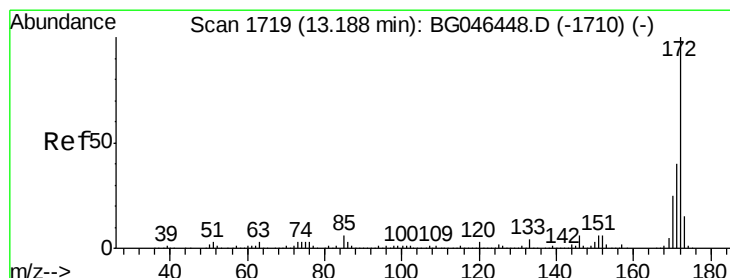
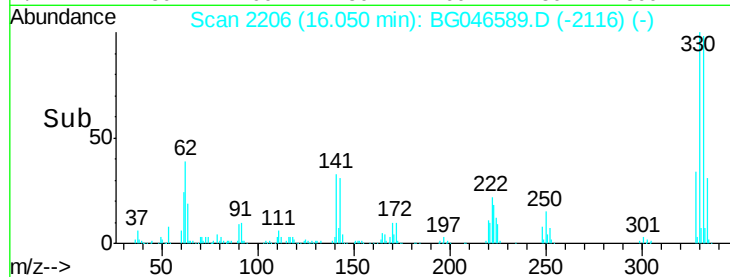
150000

100000

50000

0

Time-->



#45

2-Fluorobiphenyl

Concen: 83.678 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG046589.D

Acq: 10 Sep 2020 19:52

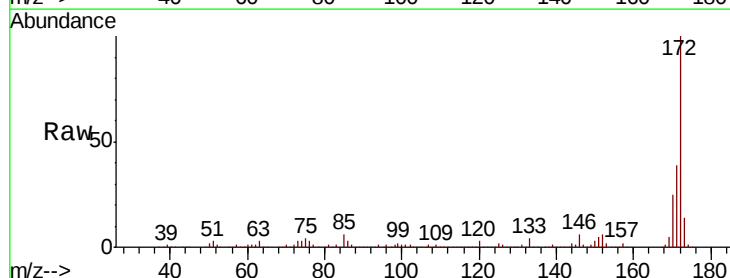
Tgt Ion:172 Resp: 1094465

Ion Ratio Lower Upper

172 100

171 39.0 31.8 47.6

170 25.2 20.3 30.5



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

13.18

800000

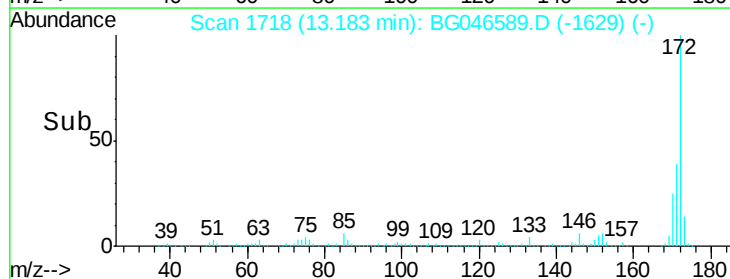
600000

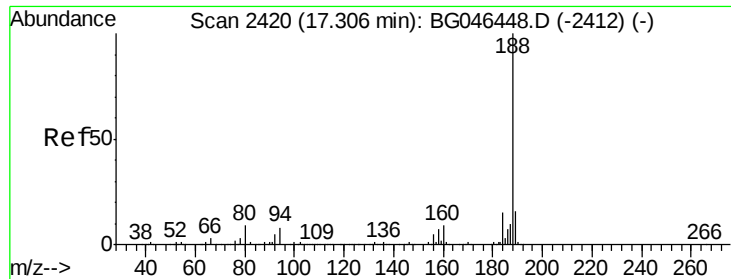
400000

200000

0

Time-->

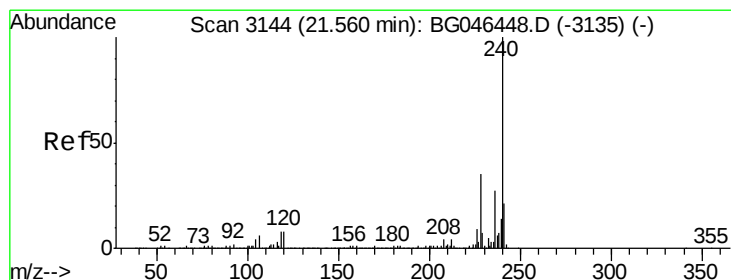
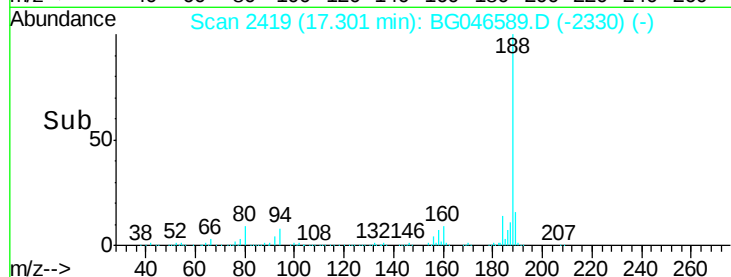
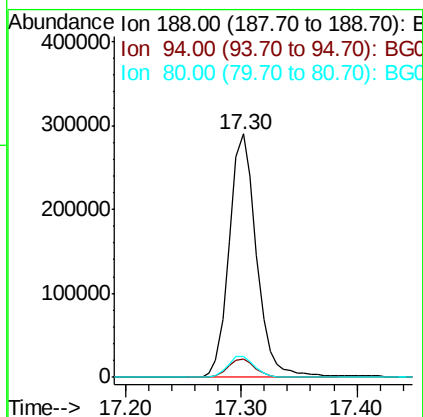
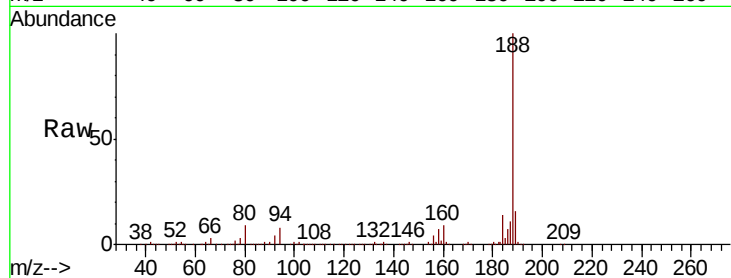




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046589.D
Acq: 10 Sep 2020 19:52

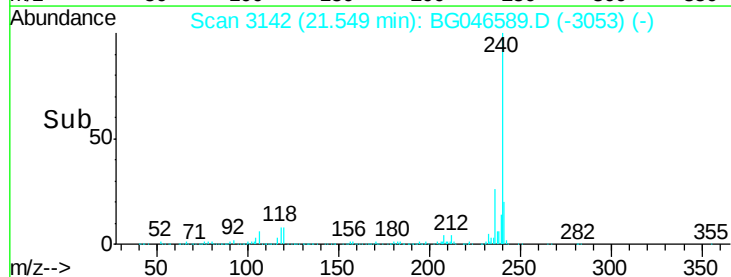
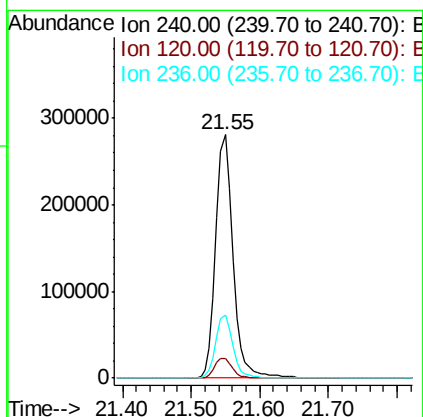
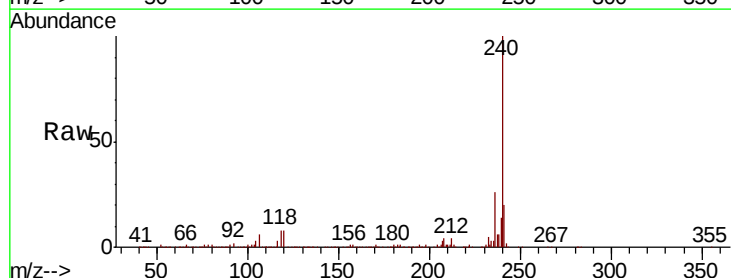
Instrument :
BNA_G
ClientSampleId :
SU-04-090820

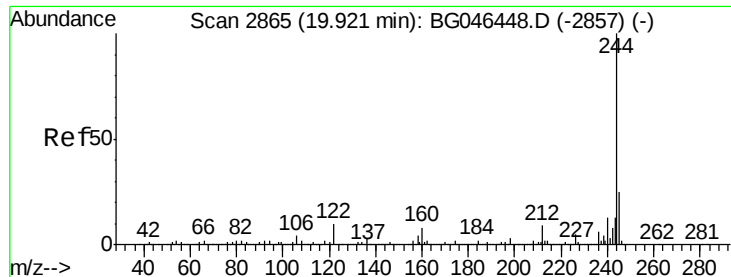
Tot Ion:188 Resp: 476904
Ion Ratio Lower Upper
188 100
94 7.6 6.3 9.5
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046589.D
Acq: 10 Sep 2020 19:52

Tgt Ion:240 Resp: 494286
Ion Ratio Lower Upper
240 100
120 8.2 6.6 10.0
236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 77.262 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046589.D

Acq: 10 Sep 2020 19:52

Instrument :

BNA_G

ClientSampleId :

SU-04-090820

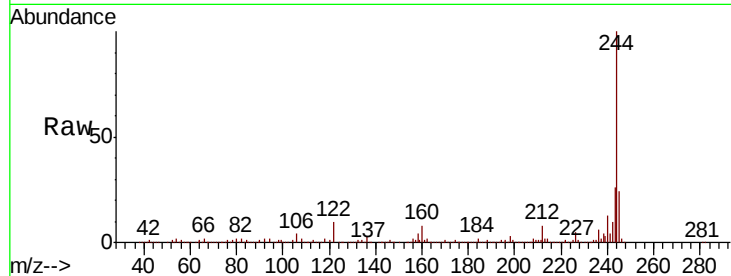
Tot Ion:244 Resp: 1794474

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

122 9.8 8.2 12.4



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

1500000

1000000

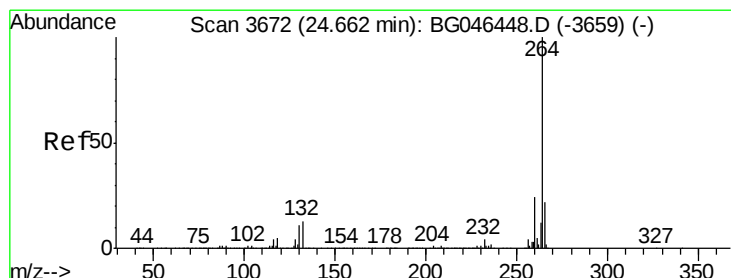
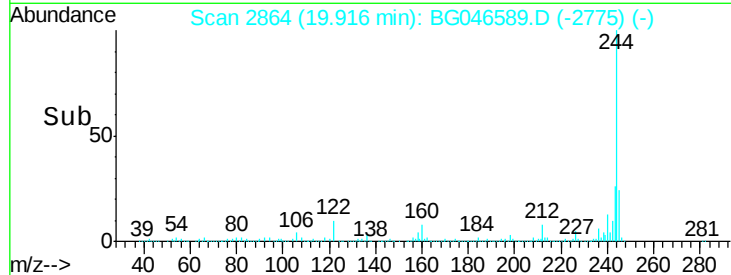
500000

0

19.92

19.80 19.90 20.00

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046589.D

Acq: 10 Sep 2020 19:52

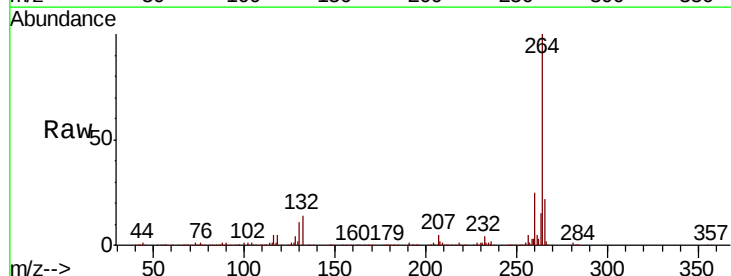
Tgt Ion:264 Resp: 481994

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.3 17.9 26.9



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

200000

150000

100000

50000

0

24.65

24.60 24.80

Time-->

