

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046630.D
 Acq On : 15 Sep 2020 18:47
 Operator : CG/JU
 Sample : L3871-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-091420

Quant Time: Sep 16 00:49:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	71846	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	302878	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	216115	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	459671	20.00	ng	0.00
76) Chrysene-d12	21.54	240	492565	20.00	ng	0.00
86) Perylene-d12	24.63	264	476635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	478328	117.92	ng	0.00
7) Phenol-d6	7.09	99	588955	102.42	ng	0.00
23) Nitrobenzene-d5	9.07	82	467339	88.19	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	311552	106.40	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1262871	89.20	ng	0.00
79) Terphenyl-d14	19.91	244	1771725	76.55	ng	0.00

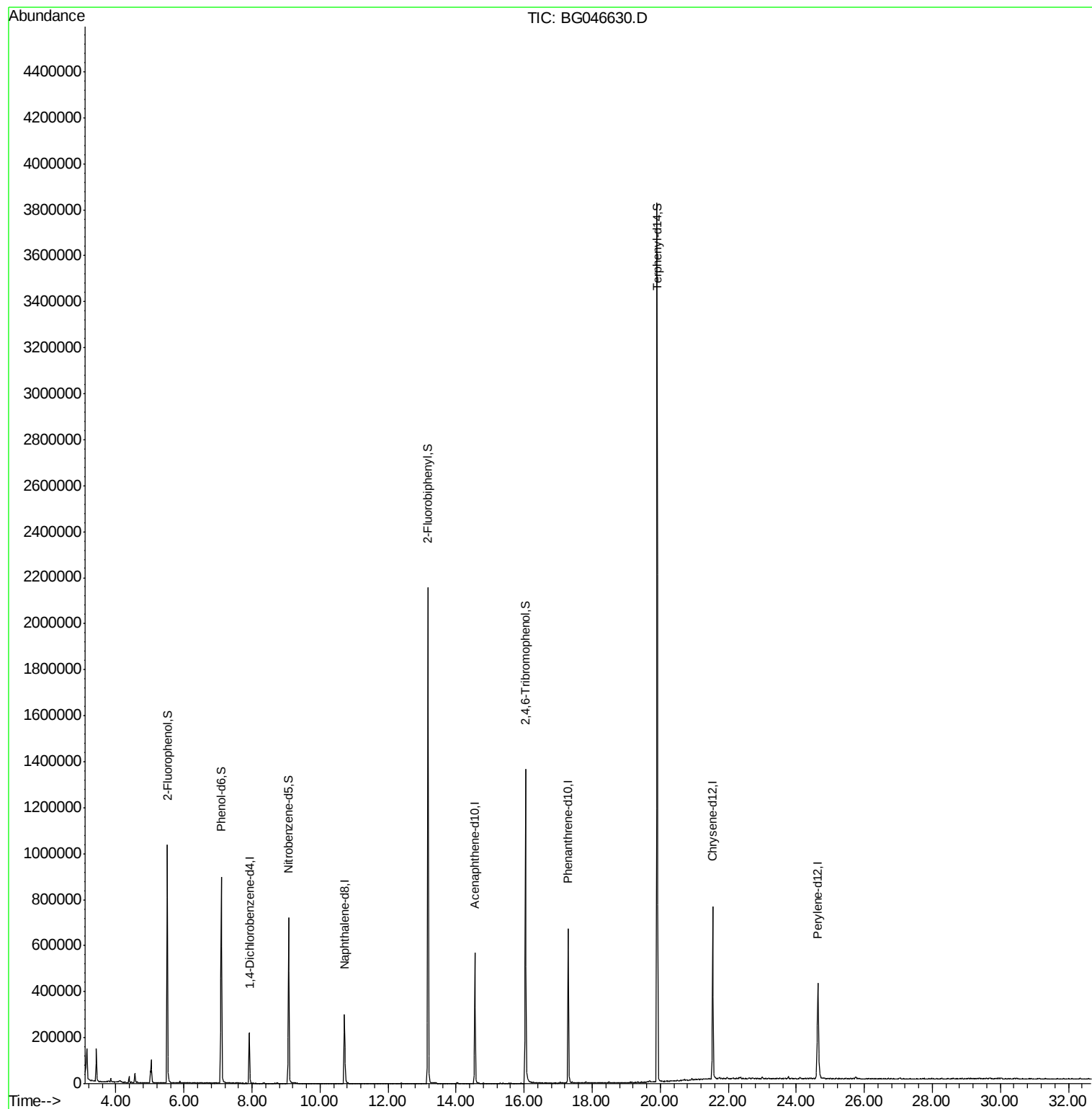
Target Compounds Qvalue

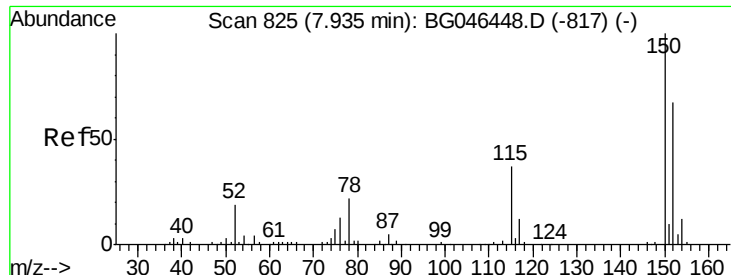
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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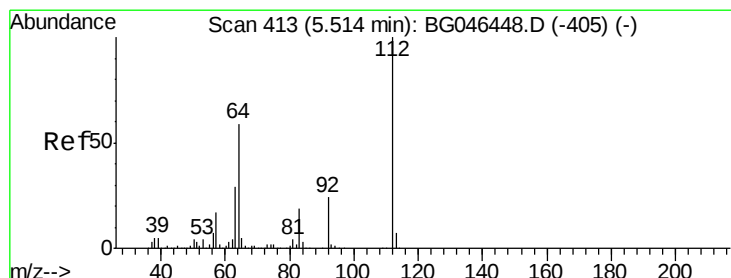
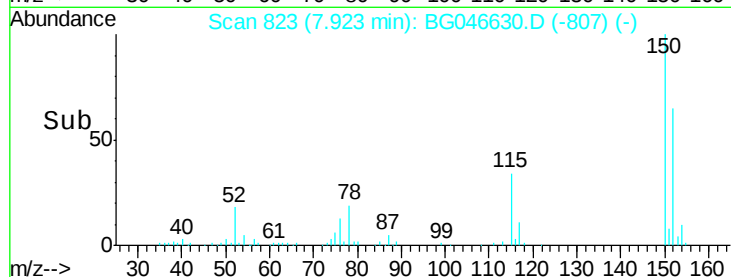
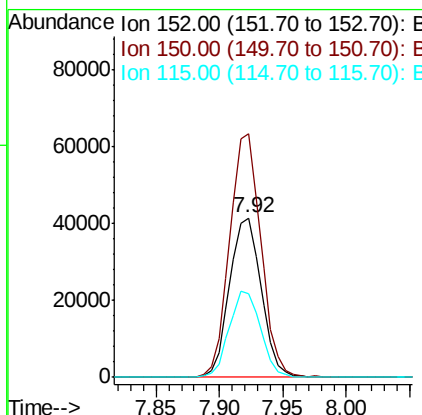
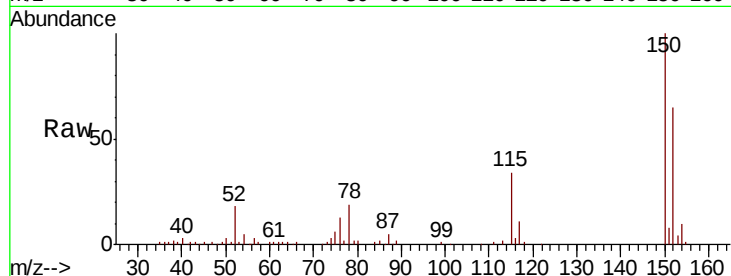


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG046630.D
Acq: 15 Sep 2020 18:47

Instrument :
BNA_G
ClientSampleId :
TR-04-091420

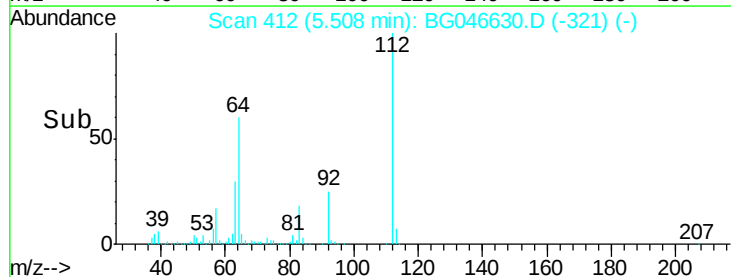
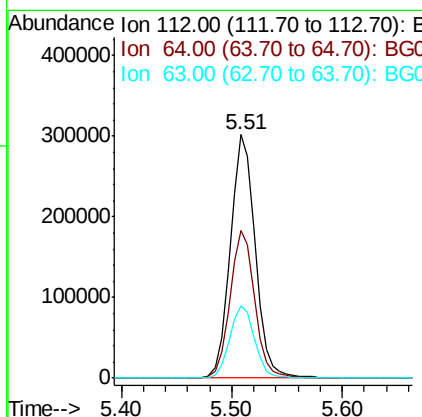
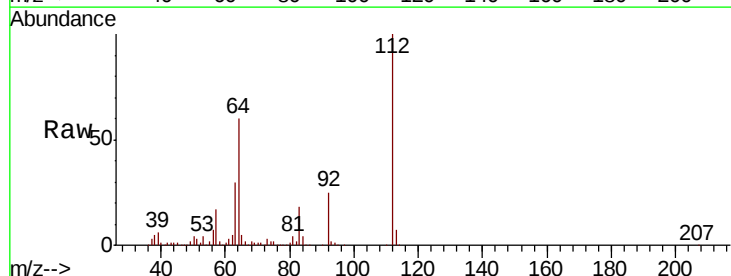
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	119.5	179.3
115	52.1	44.3	66.5



#5

2-Fluorophenol
Concen: 117.920 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG046630.D
Acq: 15 Sep 2020 18:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.0	70.6
63	29.7	23.5	35.3





#7

Phenol-d6

Concen: 102.421 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046630.D

Acq: 15 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-04-091420

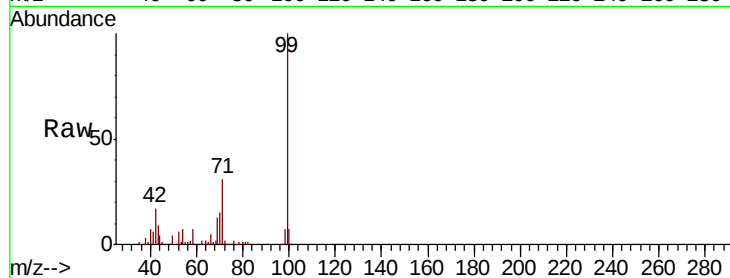
Tot Ion: 99 Resp: 588955

Ion Ratio Lower Upper

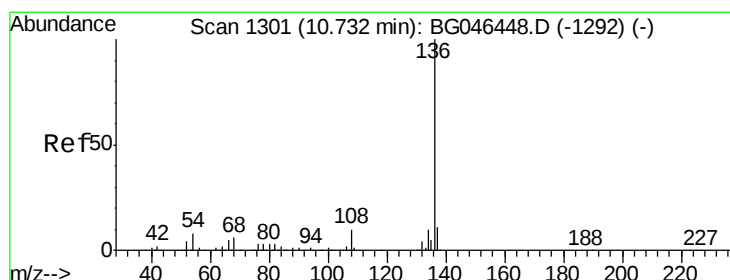
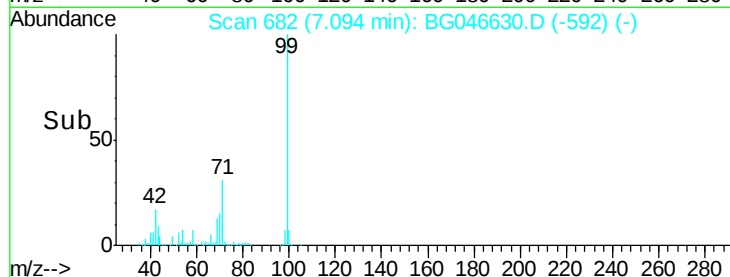
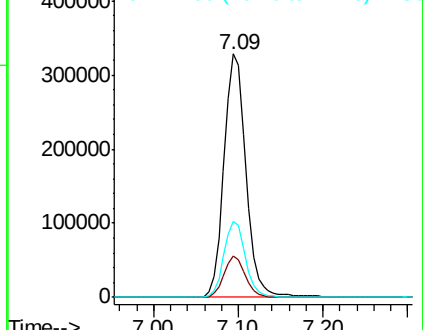
99 100

42 17.1 13.3 19.9

71 31.2 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: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG046630.D

Acq: 15 Sep 2020 18:47

Tgt Ion: 136 Resp: 302878

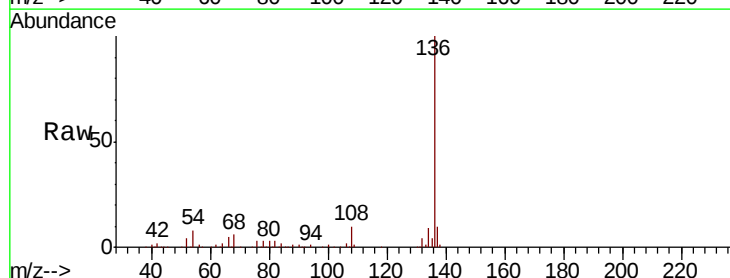
Ion Ratio Lower Upper

136 100

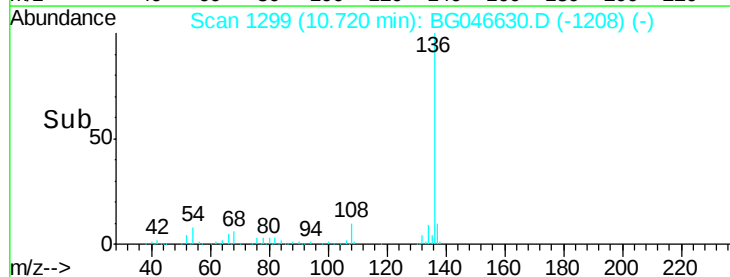
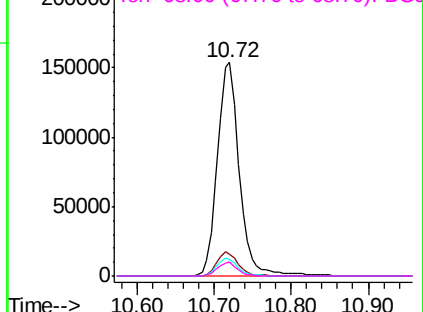
137 10.5 8.8 13.2

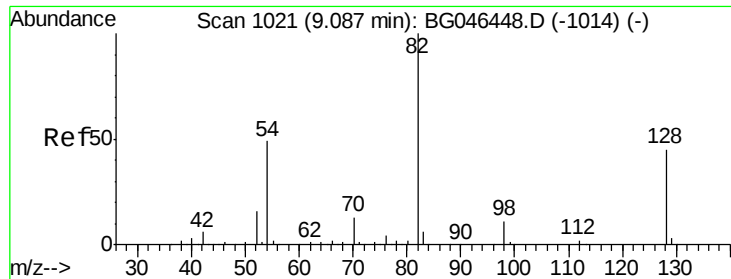
54 7.9 6.1 9.1

68 6.4 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

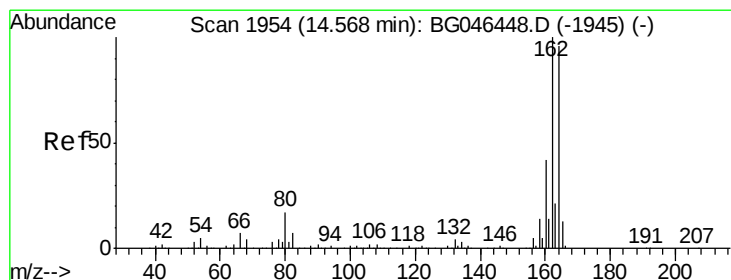
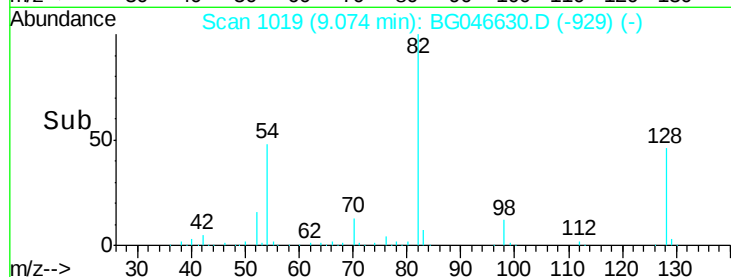
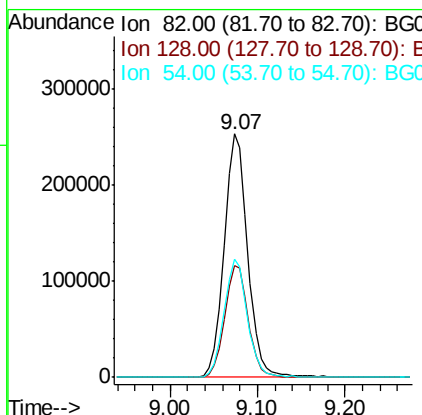
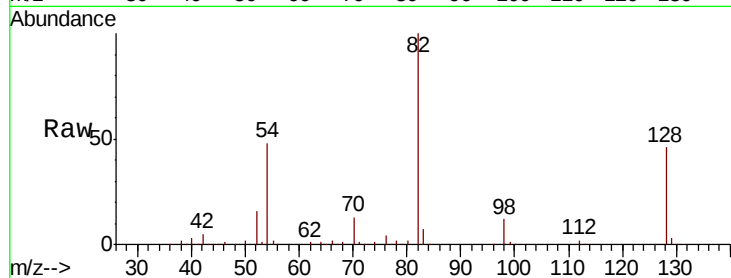




#23
 Nitrobenzene-d5
 Concen: 88.190 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG046630.D
 Acq: 15 Sep 2020 18:47

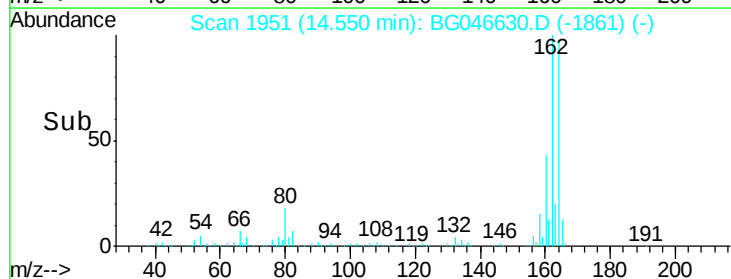
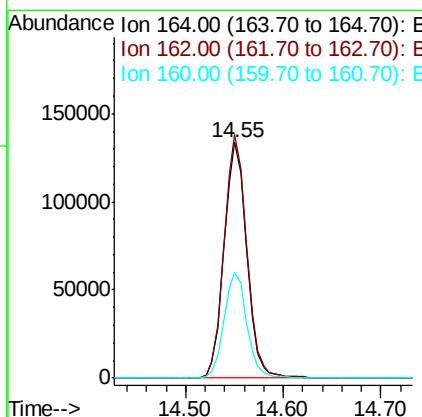
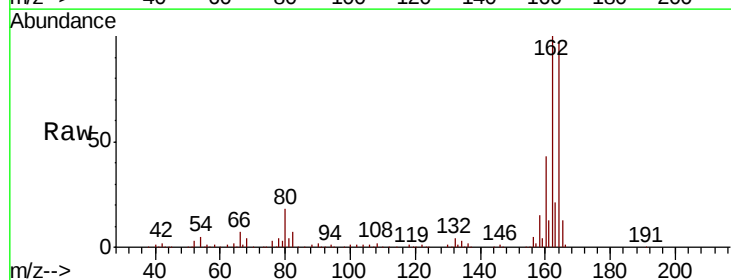
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-091420

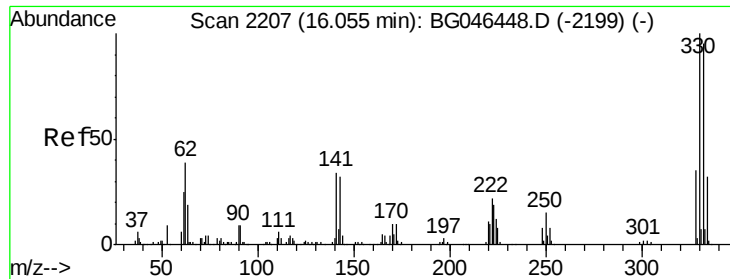
Tot Ion	82	Resp	467339
Ion Ratio	100		
Lower	35.7		
Upper	53.5		
54	48.5	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG046630.D
 Acq: 15 Sep 2020 18:47

Tgt Ion	164	Resp	216115
Ion Ratio	100		
Lower	83.3		
Upper	124.9		
162	103.3	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 106.397 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046630.D

Acq: 15 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-04-091420

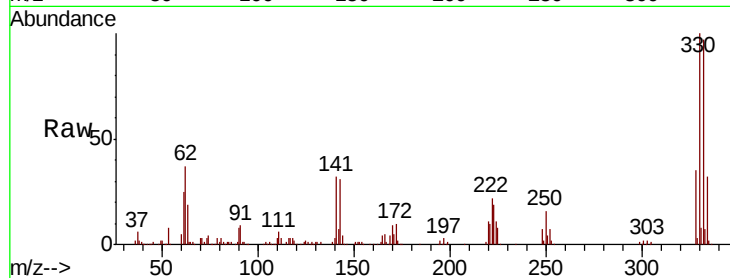
Tot Ion:330 Resp: 311552

Ion Ratio Lower Upper

330 100

332 94.8 76.1 114.1

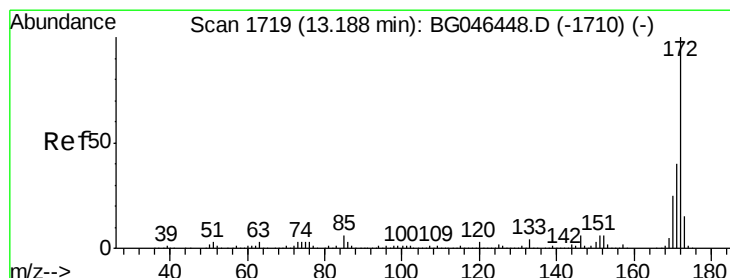
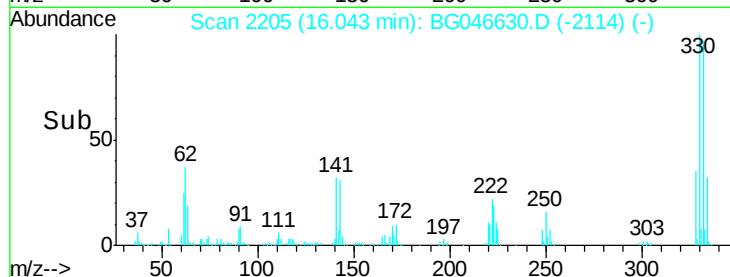
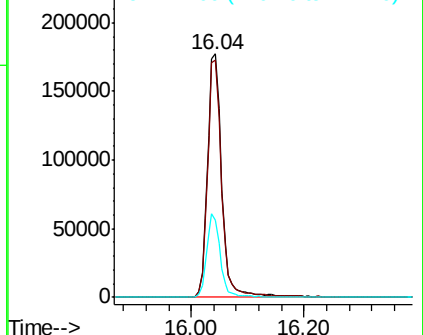
141 32.1 26.1 39.1



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



#45

2-Fluorobiphenyl

Concen: 89.205 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG046630.D

Acq: 15 Sep 2020 18:47

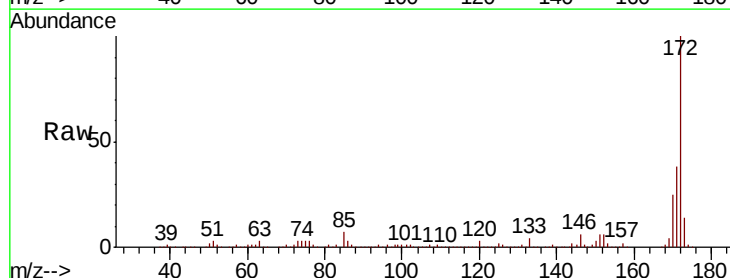
Tgt Ion:172 Resp: 1262871

Ion Ratio Lower Upper

172 100

171 38.3 31.8 47.6

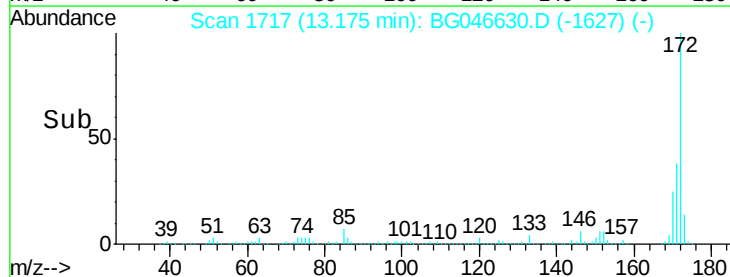
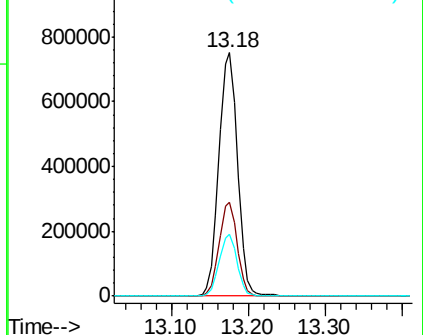
170 25.3 20.3 30.5

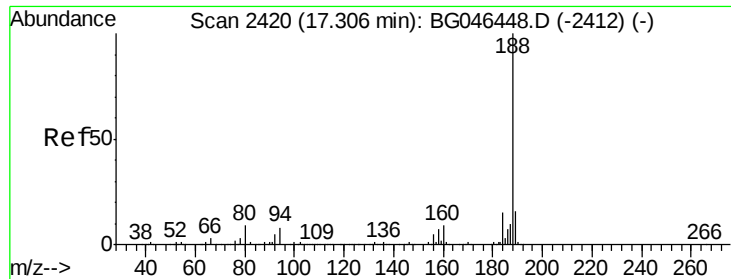


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

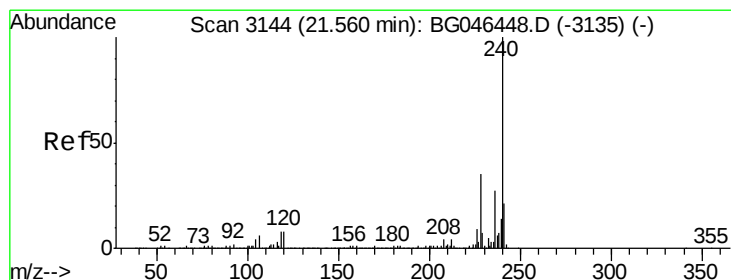
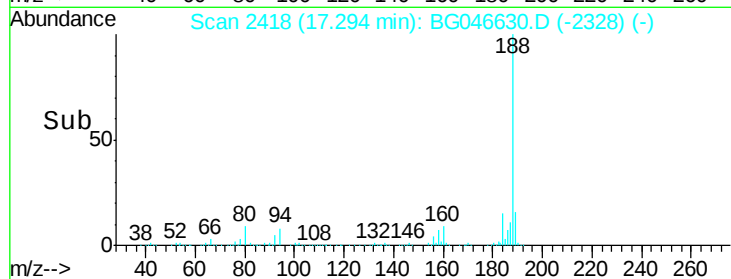
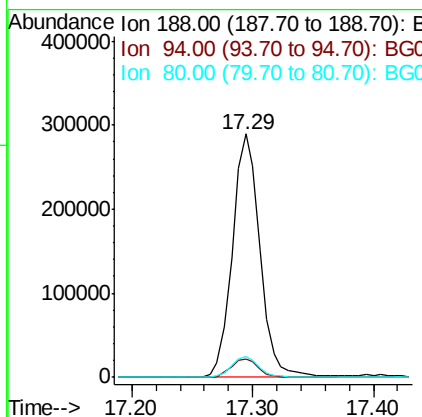
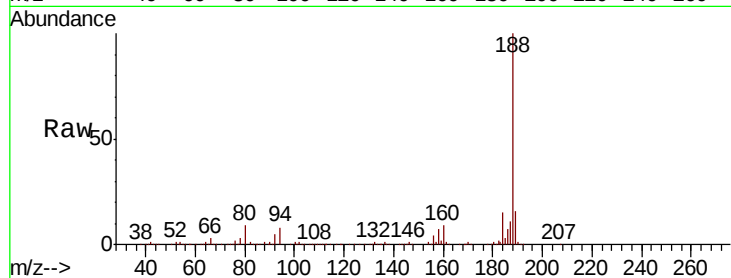




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046630.D
Acq: 15 Sep 2020 18:47

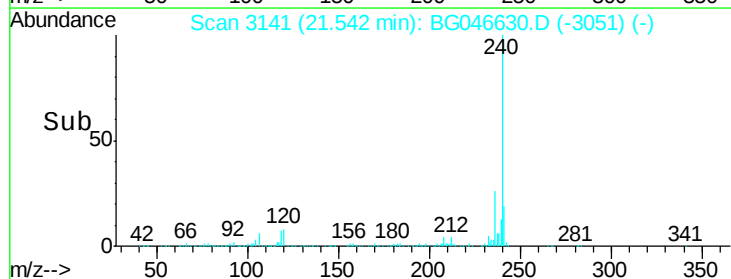
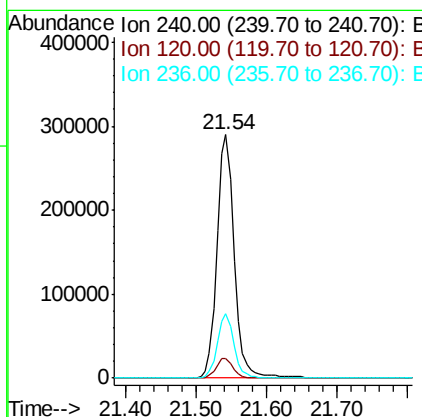
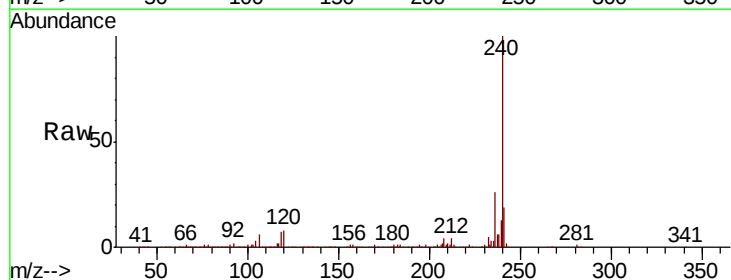
Instrument :
BNA_G
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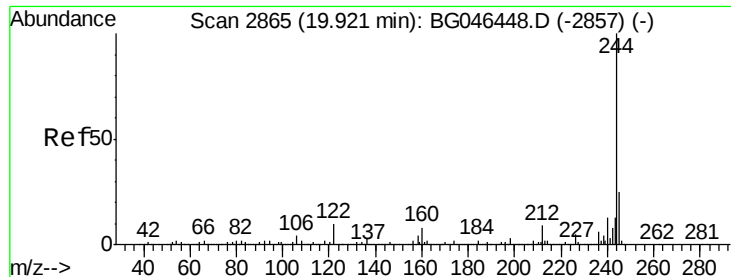
Tot Ion:188 Resp: 459671
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046630.D
Acq: 15 Sep 2020 18:47

Tgt Ion:240 Resp: 492565
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 26.3 21.4 32.2





#79

Terphenyl-d14

Concen: 76.549 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046630.D

Acq: 15 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-04-091420

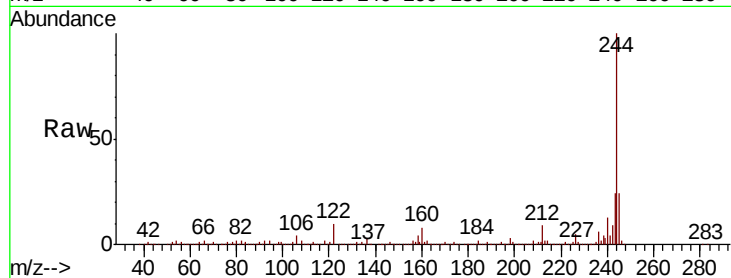
Tot Ion:244 Resp: 1771725

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

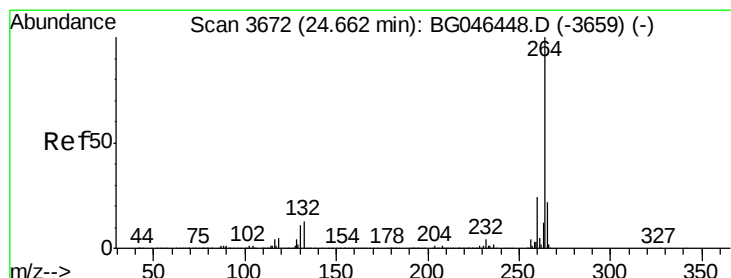
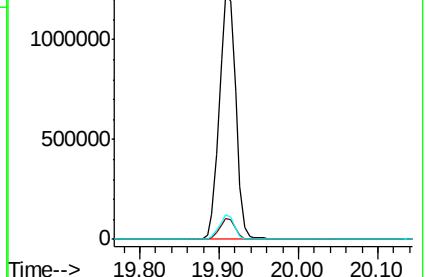
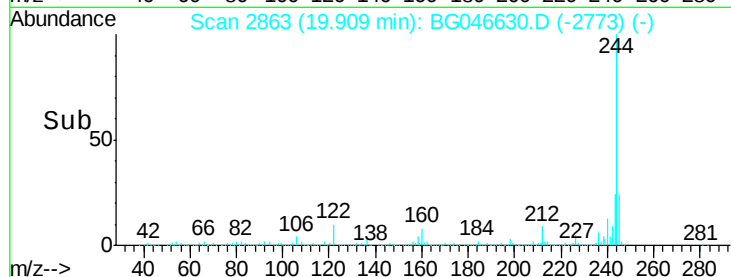
122 10.3 8.2 12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG046630.D

Acq: 15 Sep 2020 18:47

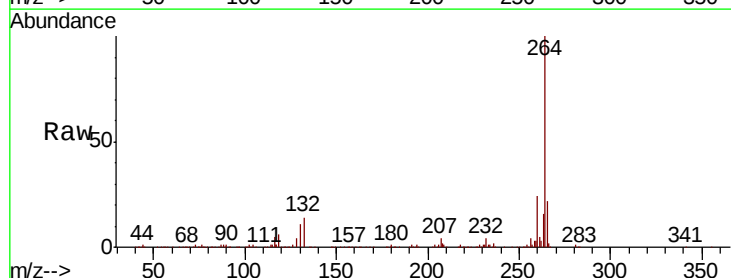
Tgt Ion:264 Resp: 476635

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 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

