

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
 Data File : BG046492.D
 Acq On : 1 Sep 2020 20:08
 Operator : CG/JU
 Sample : L3849-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 16090

Quant Time: Sep 02 01:09:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	62255	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	240159	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	168580	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	461601	20.00	ng	0.00
76) Chrysene-d12	21.55	240	511412	20.00	ng	0.00
86) Perylene-d12	24.65	264	529641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	378250	107.61	ng	0.00
7) Phenol-d6	7.10	99	453409	91.00	ng	0.00
23) Nitrobenzene-d5	9.08	82	365441	86.97	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	293373	128.44	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	949253	85.96	ng	0.00
79) Terphenyl-d14	19.92	244	1825452	75.96	ng	0.00

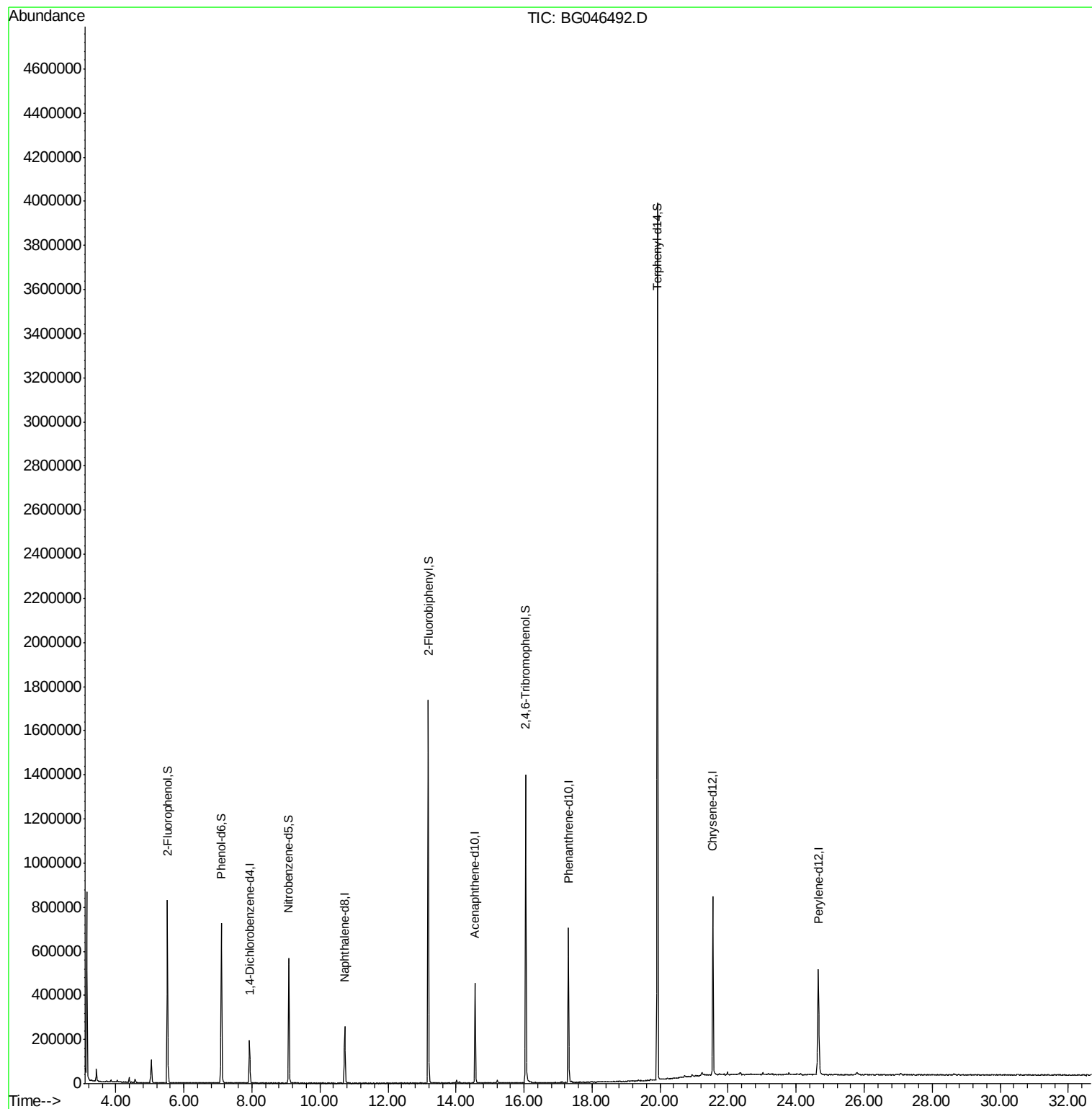
Target Compounds Qvalue

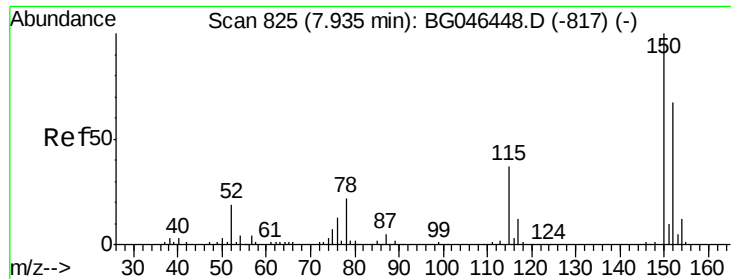
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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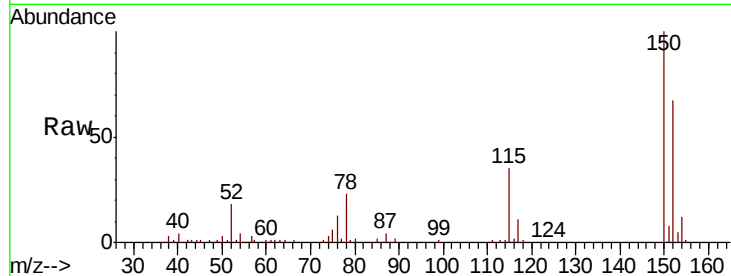


#1

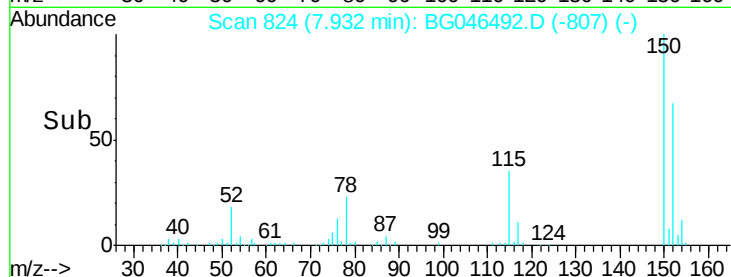
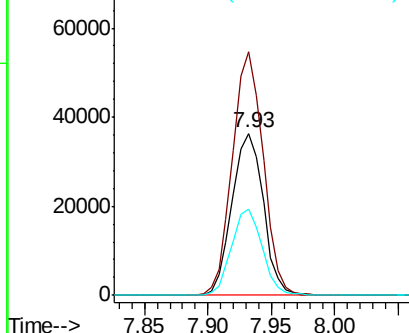
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046492.D
 Acq: 1 Sep 2020 20:08

Instrument :
 BNA_G
 ClientSampleId :
 16090

Tot Ion:152 Resp: 62255
 Ion Ratio Lower Upper
 152 100
 150 150.2 119.5 179.3
 115 53.2 44.3 66.5



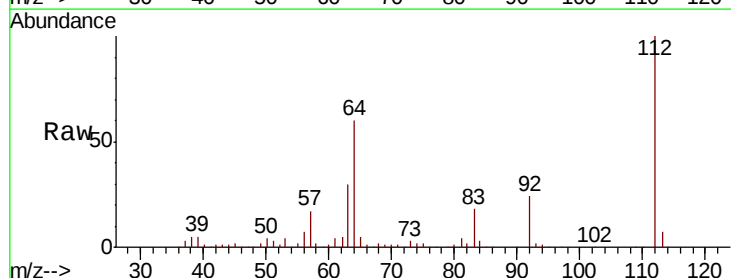
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



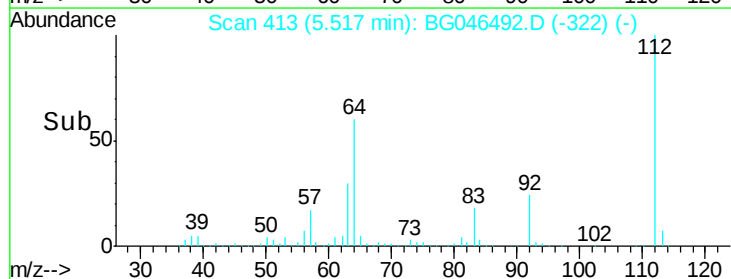
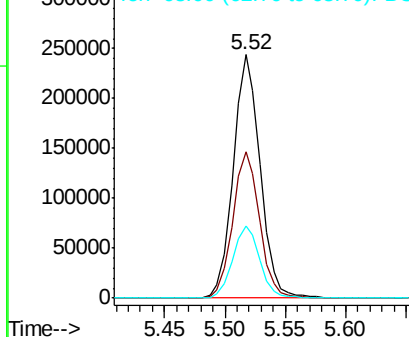
#5

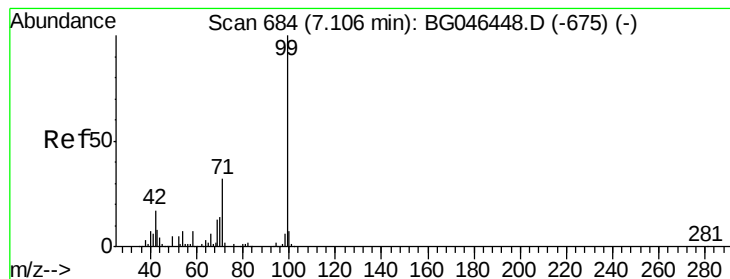
2-Fluorophenol
 Concen: 107.614 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BG046492.D
 Acq: 1 Sep 2020 20:08

Tgt Ion:112 Resp: 378250
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.0 70.6
 63 29.7 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 90.997 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046492.D

Acq: 1 Sep 2020 20:08

Instrument :

BNA_G

ClientSampleId :

16090

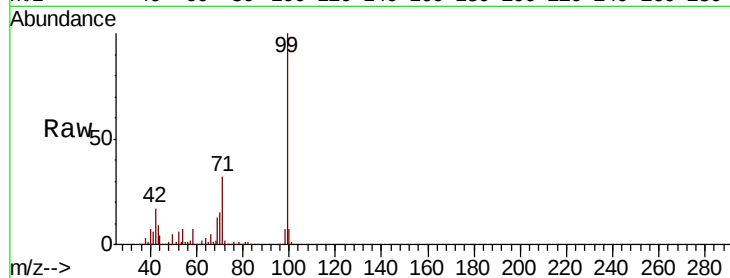
Tot Ion: 99 Resp: 453409

Ion Ratio Lower Upper

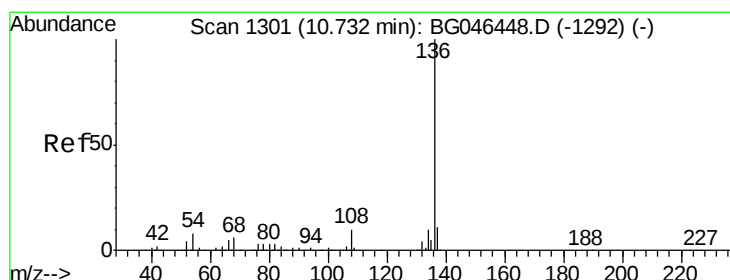
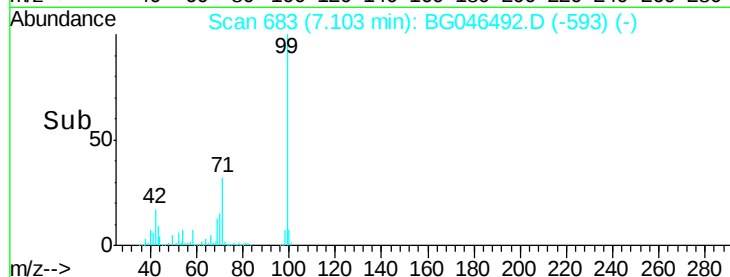
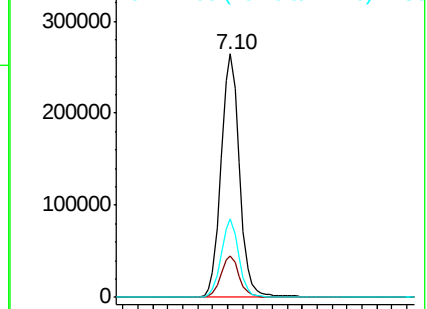
99 100

42 16.9 13.3 19.9

71 32.1 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: BG046492.D

Acq: 1 Sep 2020 20:08

Tgt Ion: 136 Resp: 240159

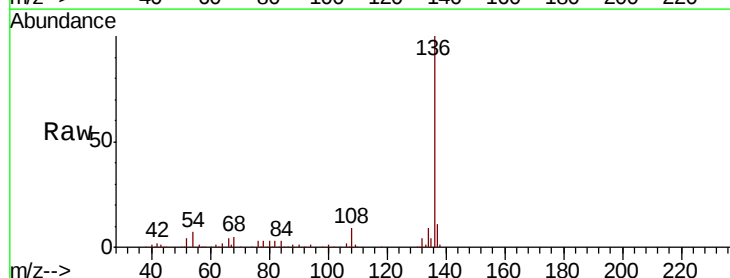
Ion Ratio Lower Upper

136 100

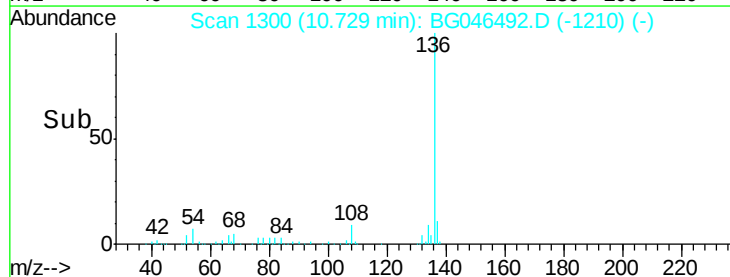
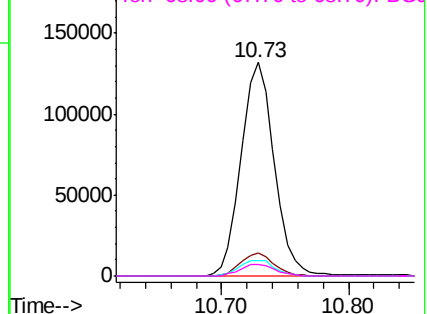
137 10.9 8.8 13.2

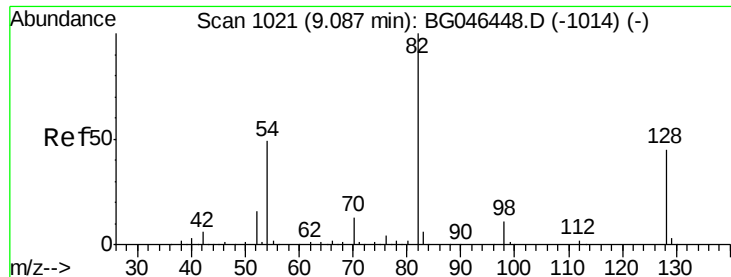
54 7.5 6.1 9.1

68 5.2 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

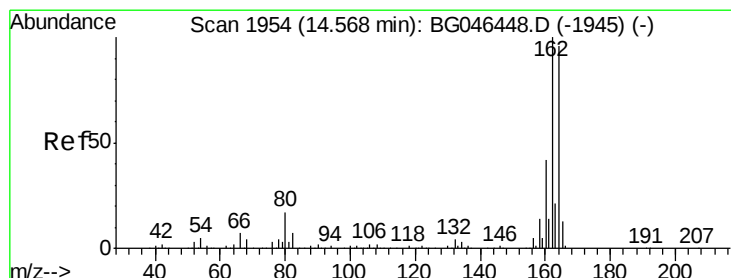
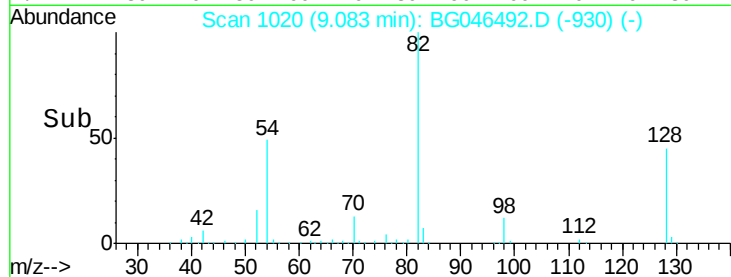
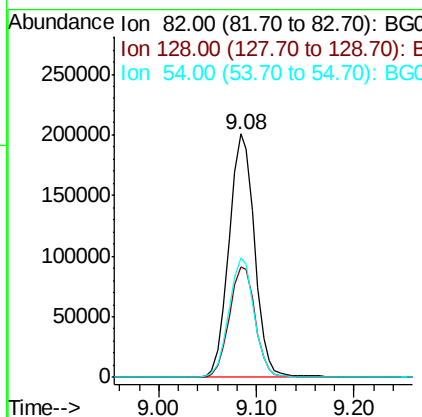
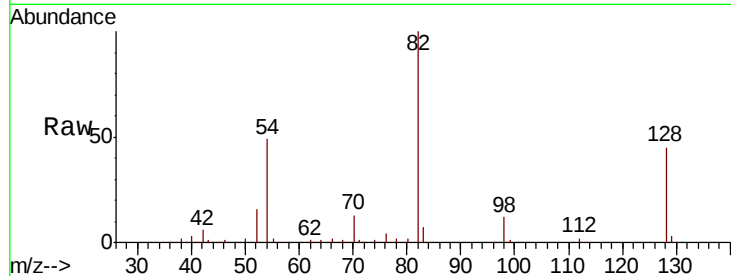




#23
 Nitrobenzene-d5
 Concen: 86.971 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046492.D
 Acq: 1 Sep 2020 20:08

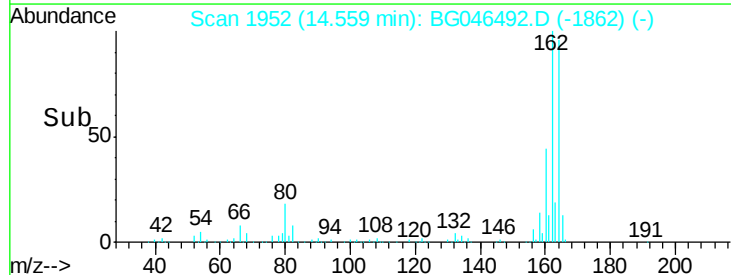
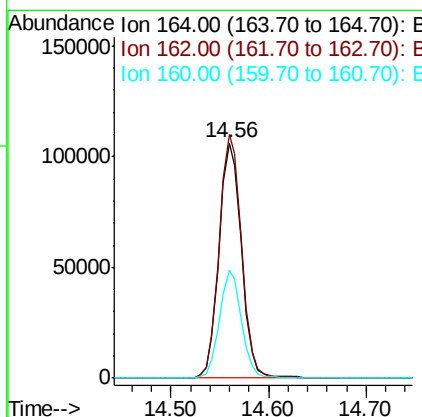
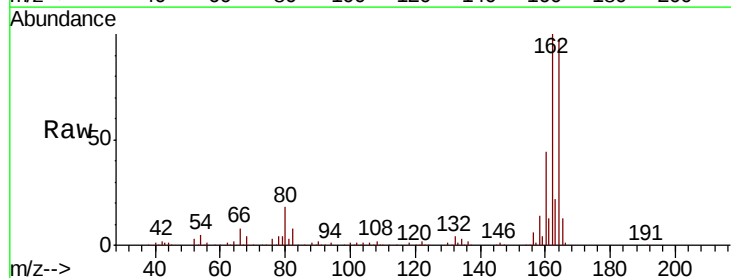
Instrument :
 BNA_G
 ClientSampled :
 16090

Tot Ion	82	Resp	365441
Ion Ratio	Lower	Upper	
82	100		
128	45.5	35.7	53.5
54	49.2	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: BG046492.D
 Acq: 1 Sep 2020 20:08

Tgt Ion	164	Resp	168580
Ion Ratio	Lower	Upper	
164	100		
162	103.6	83.3	124.9
160	45.7	35.0	52.6

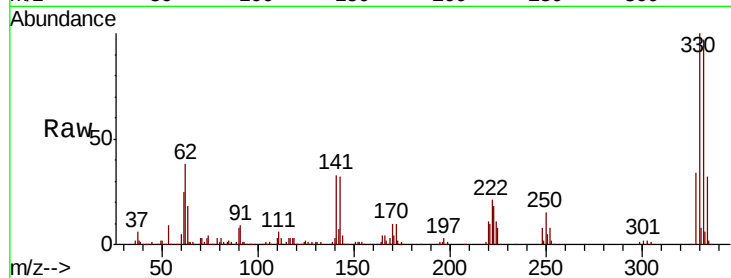




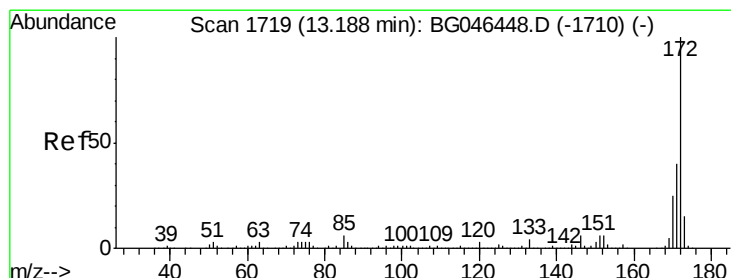
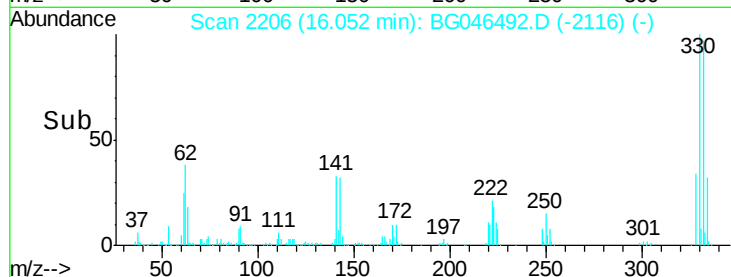
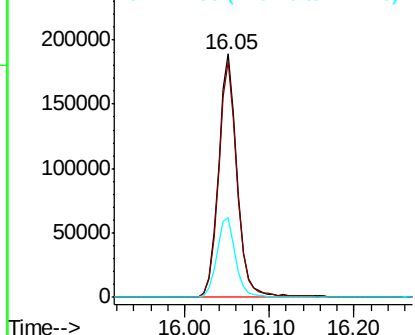
#42
 2,4,6-Tribromophenol
 Concen: 128.439 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG046492.D
 Acq: 1 Sep 2020 20:08

Instrument :
 BNA_G
 ClientSampleId :
 16090

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.1	114.1
141	33.6	26.1	39.1

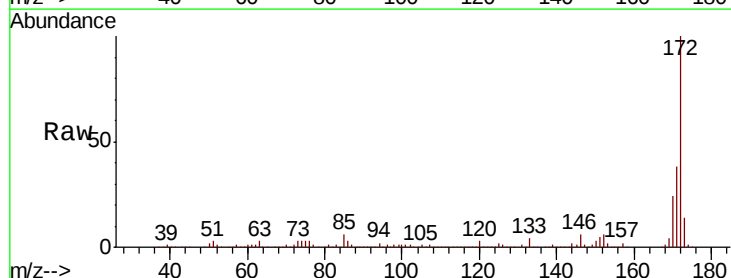


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

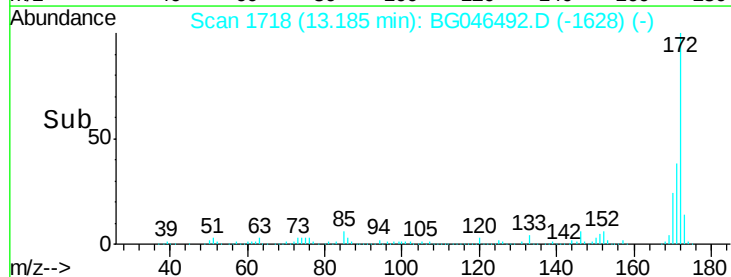
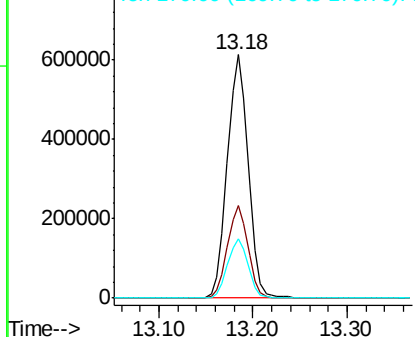


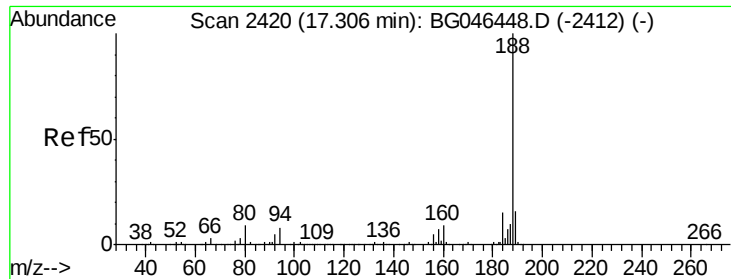
#45
 2-Fluorobiphenyl
 Concen: 85.959 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046492.D
 Acq: 1 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.8	47.6
170	24.4	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: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046492.D

Acq: 1 Sep 2020 20:08

Instrument :

BNA_G

ClientSampleId :

16090

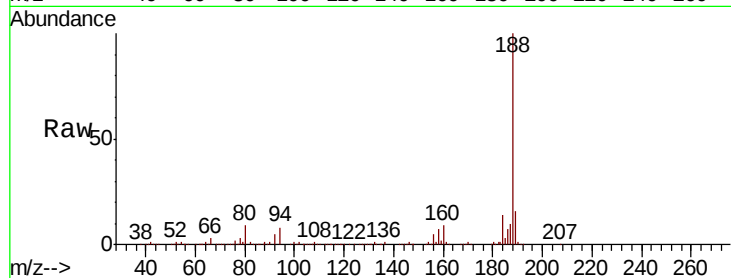
Tot Ion:188 Resp: 461601

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

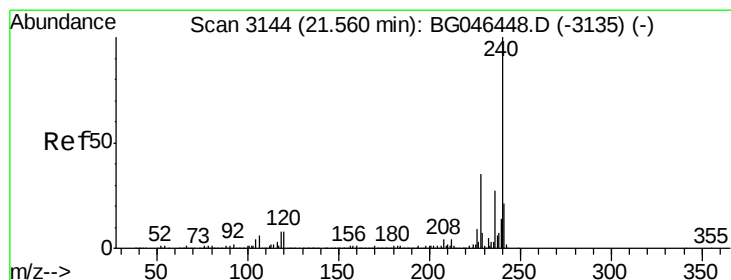
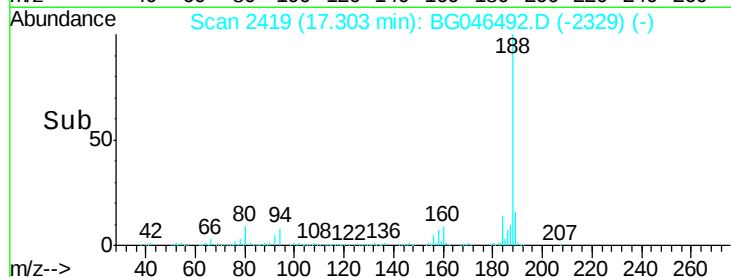
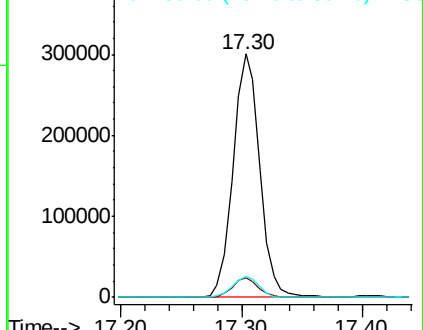
80 8.8 6.9 10.3



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: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG046492.D

Acq: 1 Sep 2020 20:08

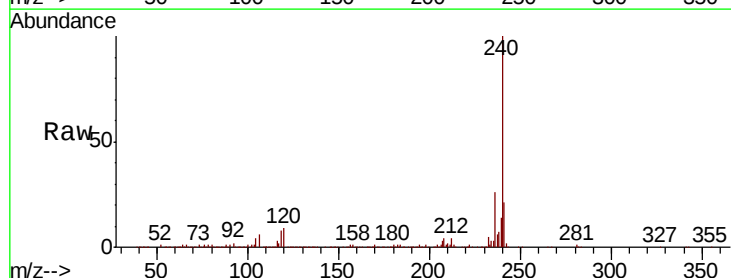
Tgt Ion:240 Resp: 511412

Ion Ratio Lower Upper

240 100

120 8.8 6.6 10.0

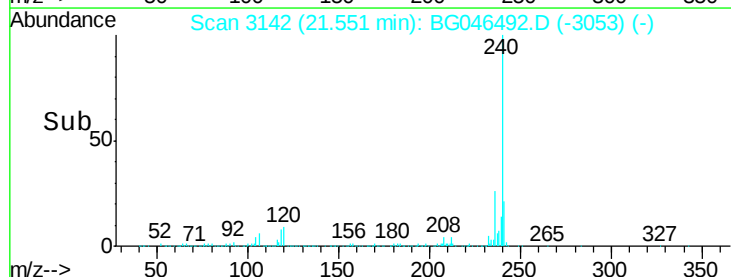
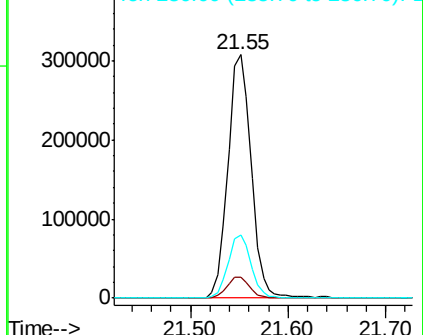
236 26.0 21.4 32.2

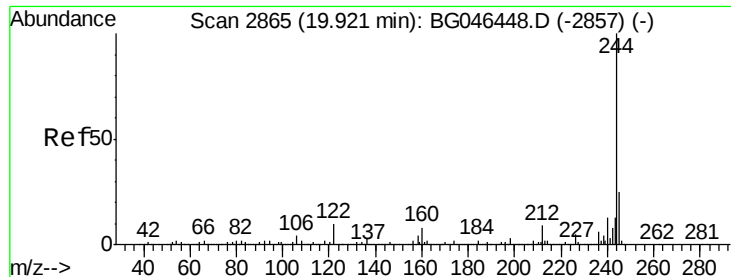


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.964 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046492.D

Acq: 1 Sep 2020 20:08

Instrument :

BNA_G

ClientSampleId :

16090

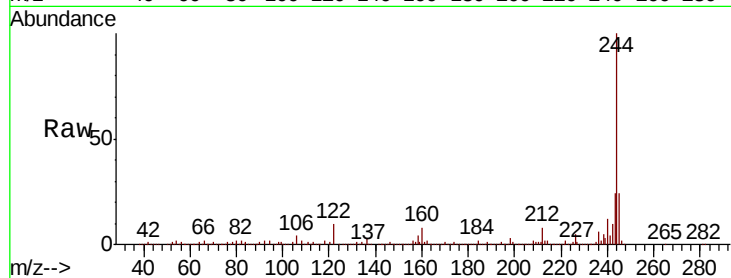
Tot Ion:244 Resp: 1825452

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

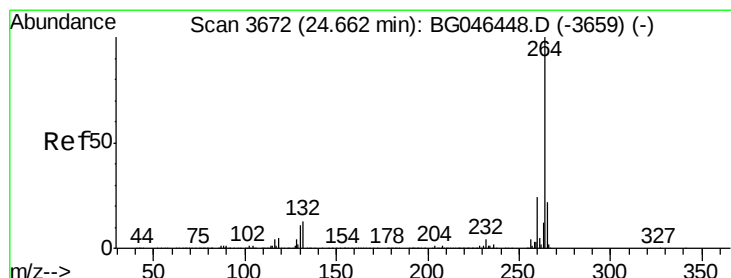
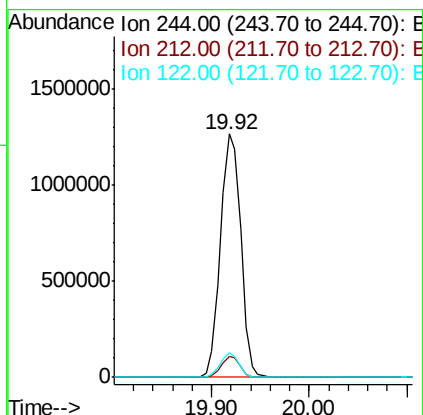
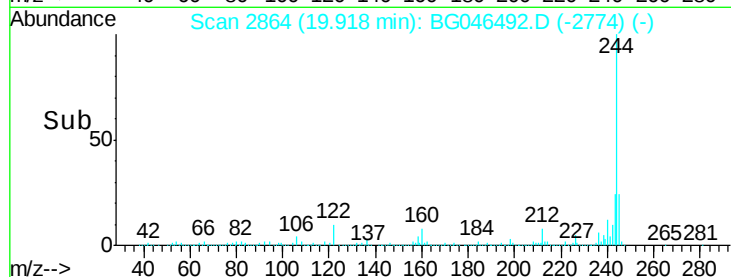
122 10.1 8.2 12.4



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: 24.65 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046492.D

Acq: 1 Sep 2020 20:08

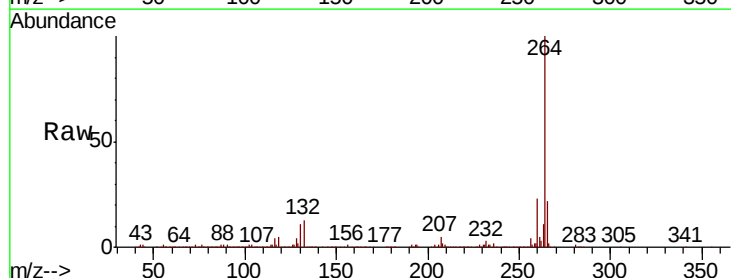
Tgt Ion:264 Resp: 529641

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.8 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

