

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
 Data File : BG046488.D
 Acq On : 1 Sep 2020 17:26
 Operator : CG/JU
 Sample : L3508-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820

Quant Time: Sep 01 18:18:23 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	73366	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	282953	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	186902	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	467599	20.00	ng	0.00
76) Chrysene-d12	21.55	240	512702	20.00	ng	0.00
86) Perylene-d12	24.65	264	521501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	470978	113.70	ng	0.00
7) Phenol-d6	7.10	99	540996	92.13	ng	0.00
23) Nitrobenzene-d5	9.08	82	453840	91.67	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	322293	127.27	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1104533	90.22	ng	0.00
79) Terphenyl-d14	19.92	244	1855239	77.01	ng	0.00

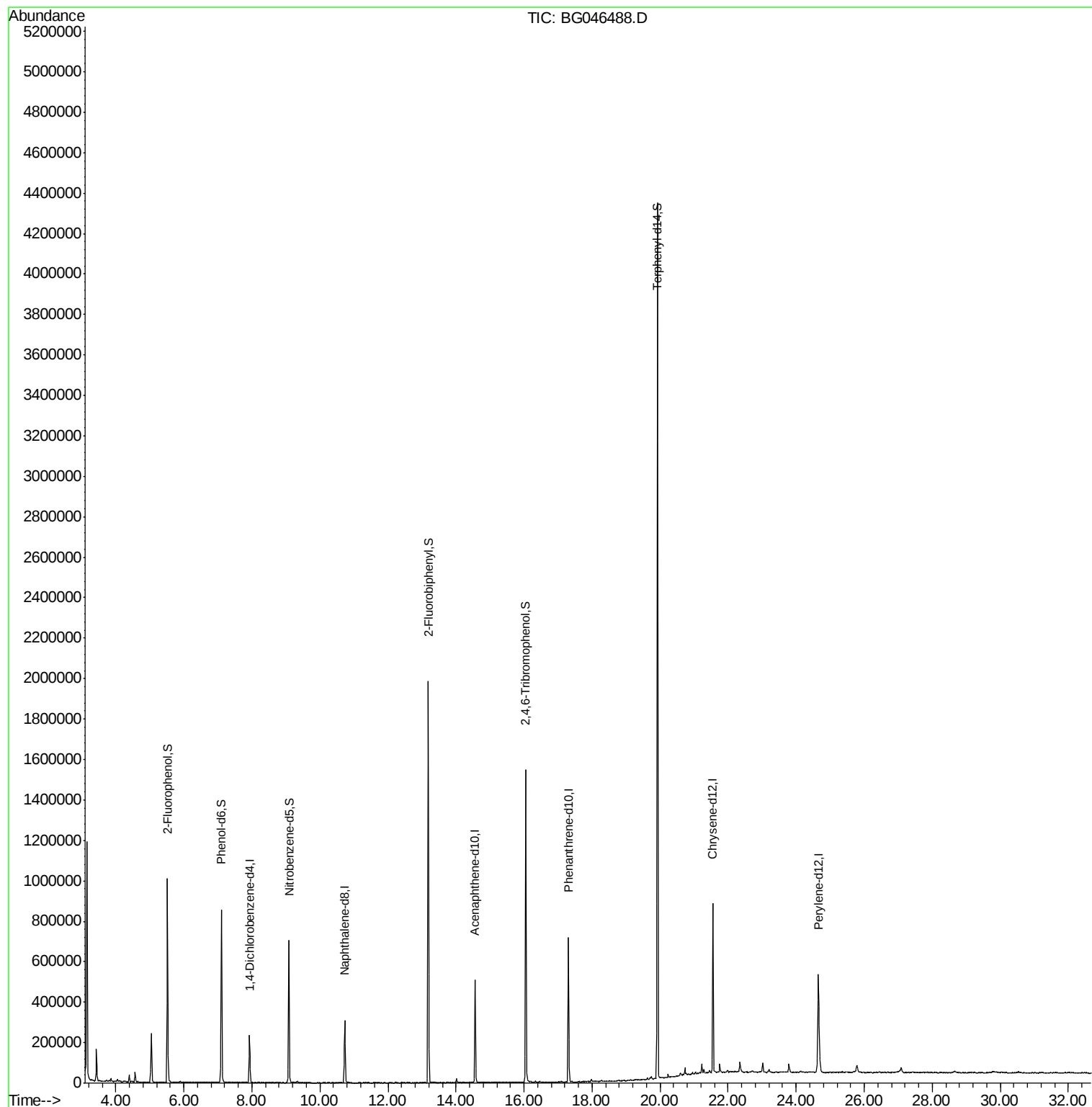
Target Compounds Qvalue

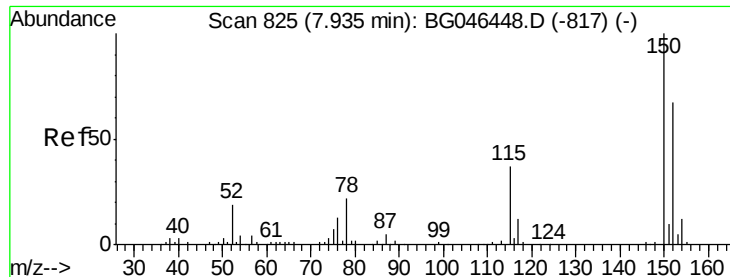
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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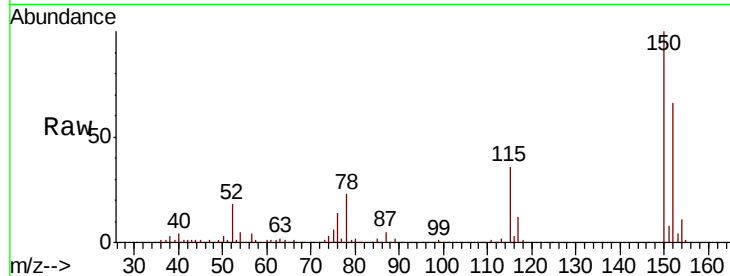


#1

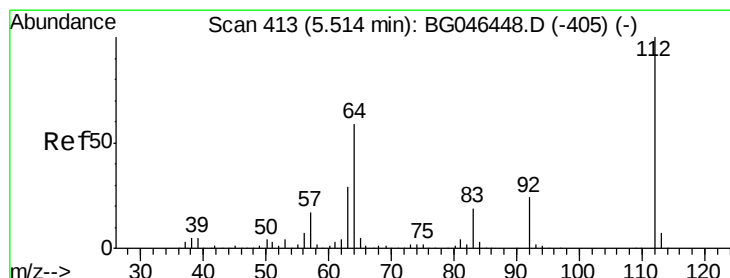
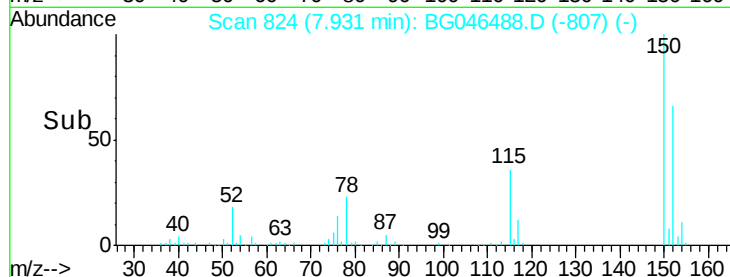
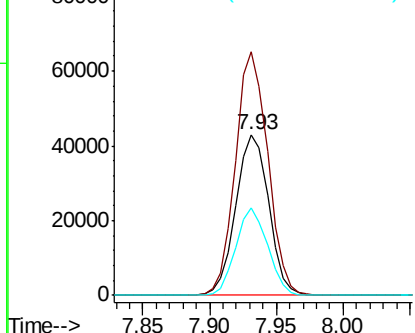
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046488.D
Acq: 1 Sep 2020 17:26

Instrument :
BNA_G
ClientSampleId :
TR-08-082820

Tot Ion:152 Resp: 73366
Ion Ratio Lower Upper
152 100
150 151.5 119.5 179.3
115 54.6 44.3 66.5



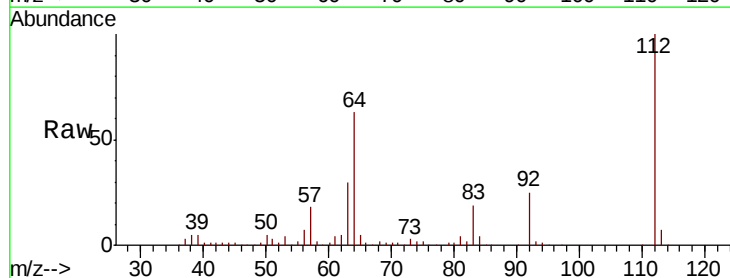
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



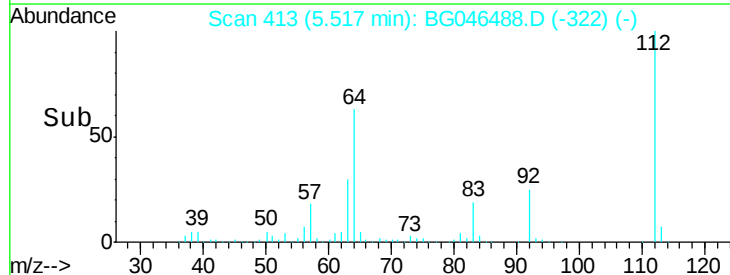
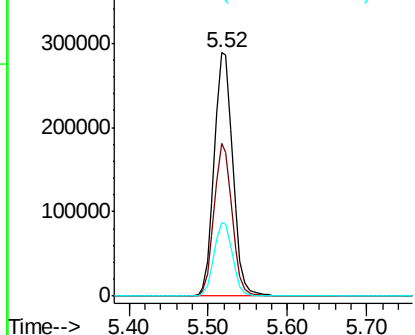
#5

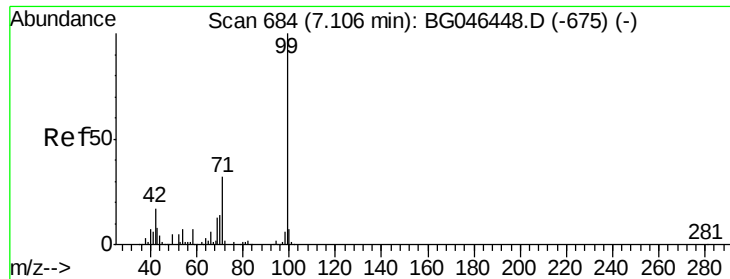
2-Fluorophenol
Concen: 113.702 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046488.D
Acq: 1 Sep 2020 17:26

Tgt Ion:112 Resp: 470978
Ion Ratio Lower Upper
112 100
64 62.5 47.0 70.6
63 30.3 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: 92.131 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046488.D

Acq: 1 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

TR-08-082820

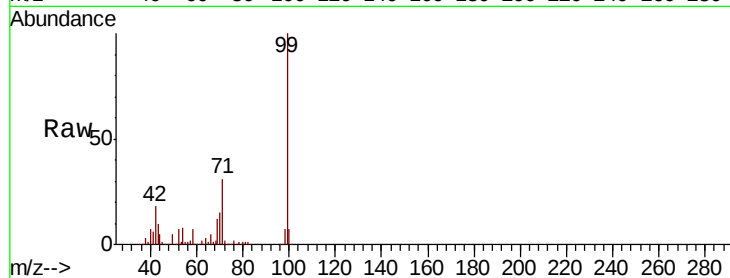
Tot Ion: 99 Resp: 540996

Ion Ratio Lower Upper

99 100

42 17.7 13.3 19.9

71 31.4 25.3 37.9

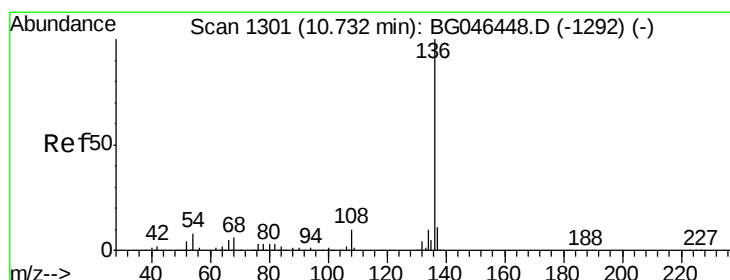
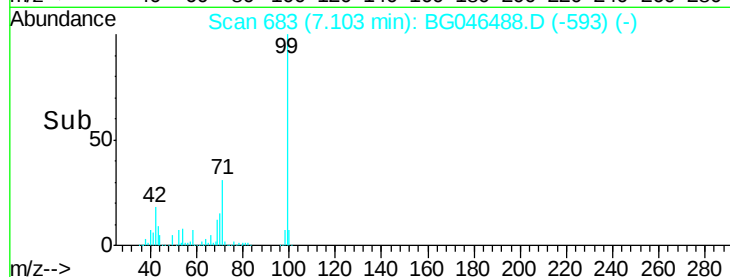
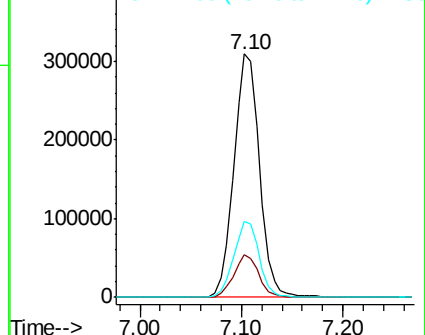


Abundance

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: BG046488.D

Acq: 1 Sep 2020 17:26

Tgt Ion: 136 Resp: 282953

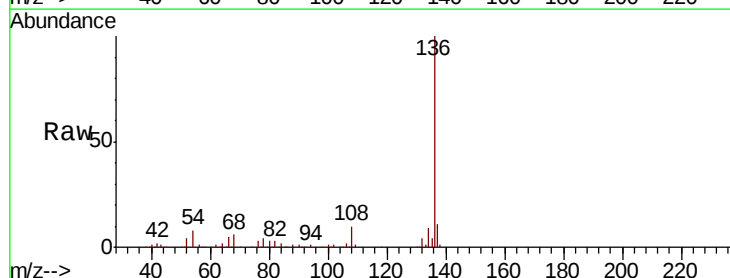
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.8 6.1 9.1

68 5.6 4.8 7.2



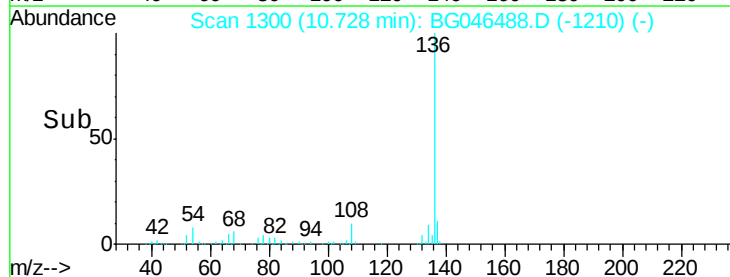
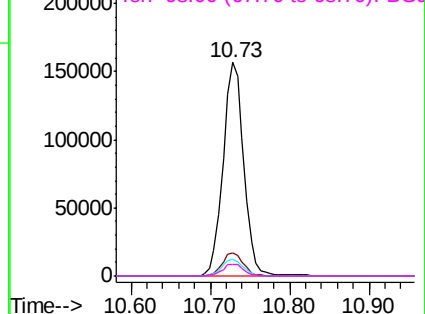
Abundance

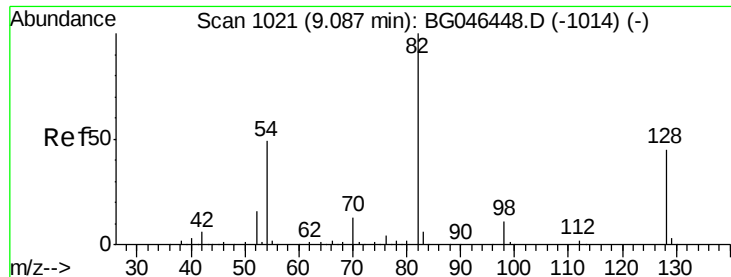
Ion 136.00 (135.70 to 136.70): BGC

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

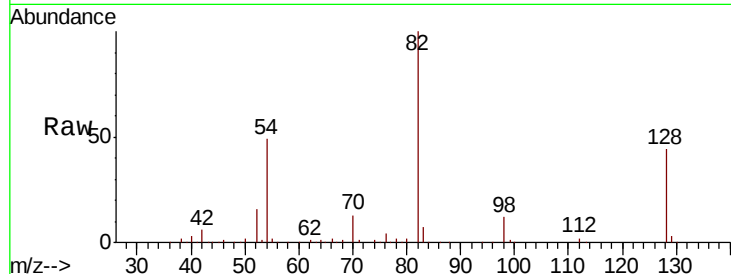




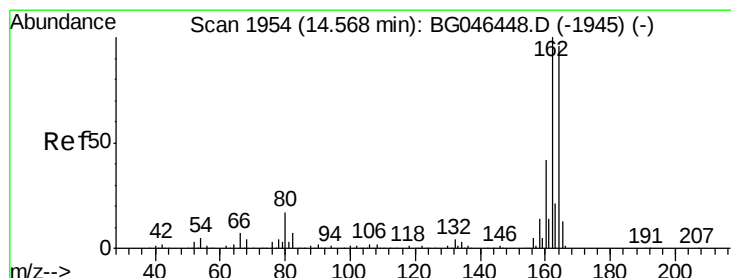
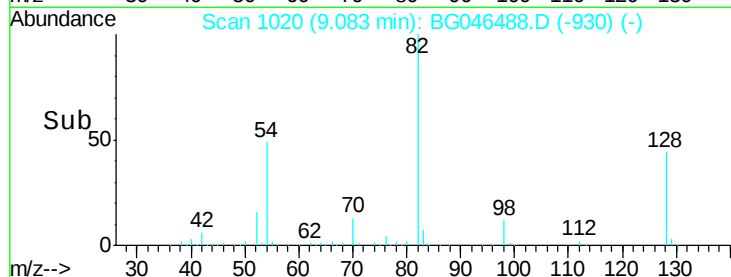
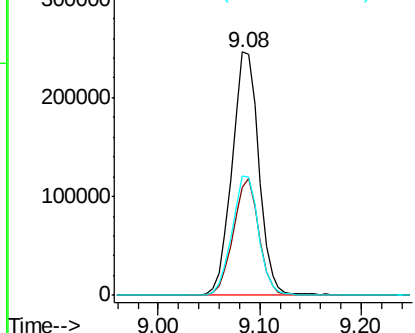
#23
 Nitrobenzene-d5
 Concen: 91.673 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046488.D
 Acq: 1 Sep 2020 17:26

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820

Tot Ion: 82 Resp: 453840
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.7 53.5
 54 49.0 39.4 59.0

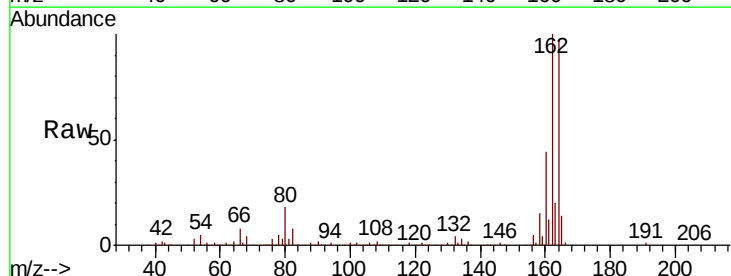


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

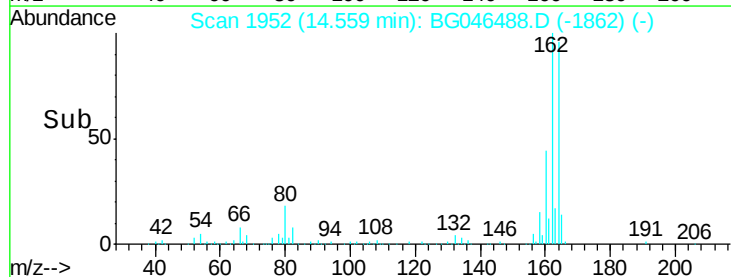
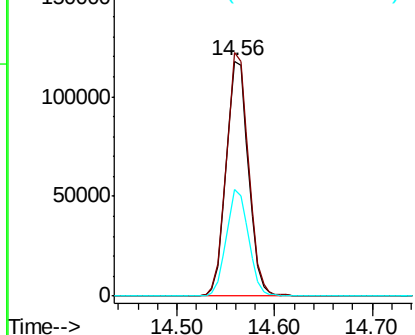


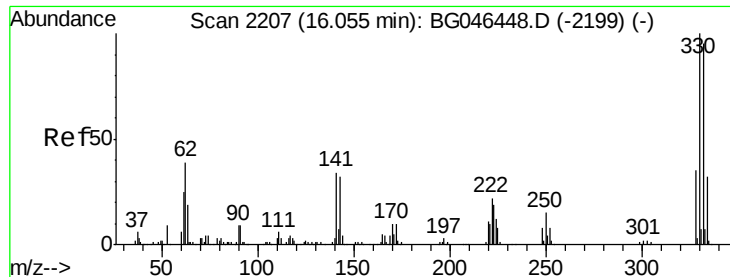
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046488.D
 Acq: 1 Sep 2020 17:26

Tgt Ion: 164 Resp: 186902
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.3 124.9
 160 45.5 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

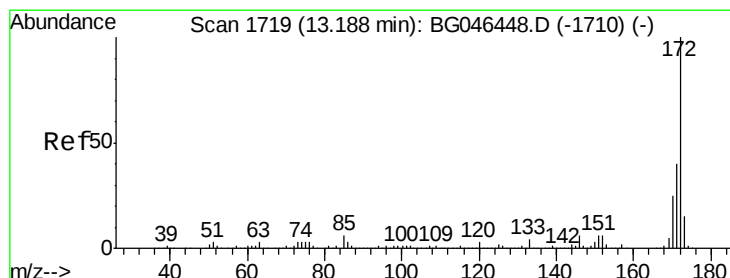
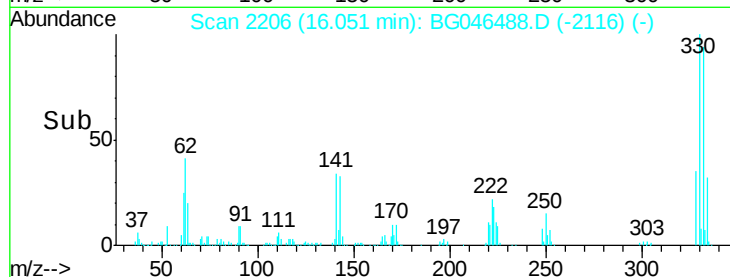
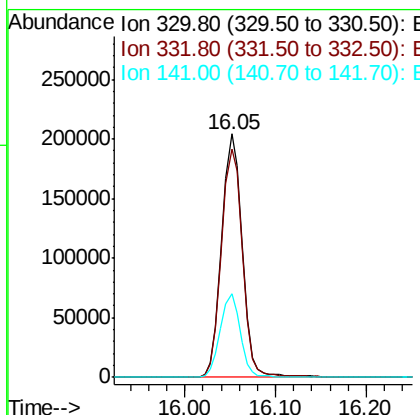
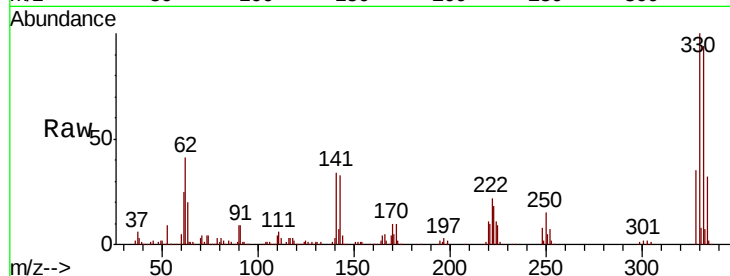




#42
 2,4,6-Tribromophenol
 Concen: 127.268 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG046488.D
 Acq: 1 Sep 2020 17:26

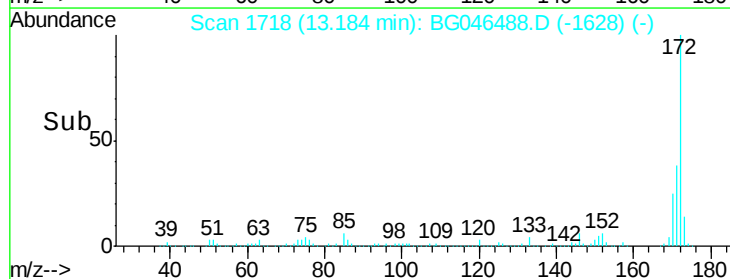
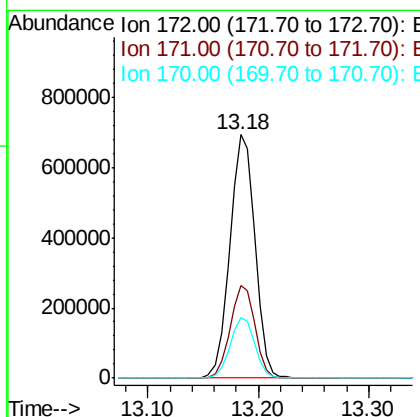
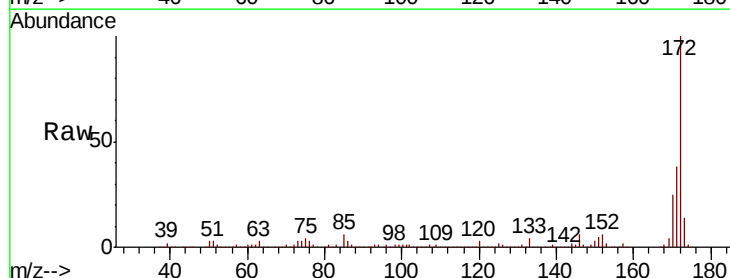
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820

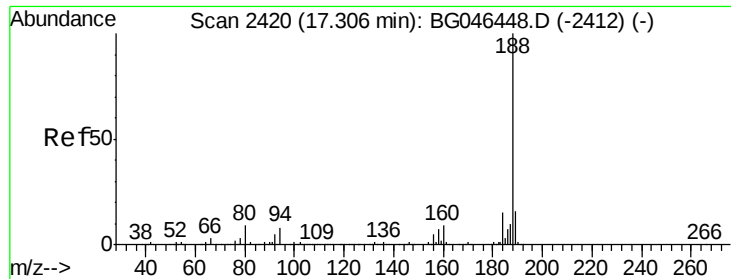
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.1	114.1
141	33.9	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 90.215 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046488.D
 Acq: 1 Sep 2020 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.8	47.6
170	24.8	20.3	30.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046488.D

Acq: 1 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

TR-08-082820

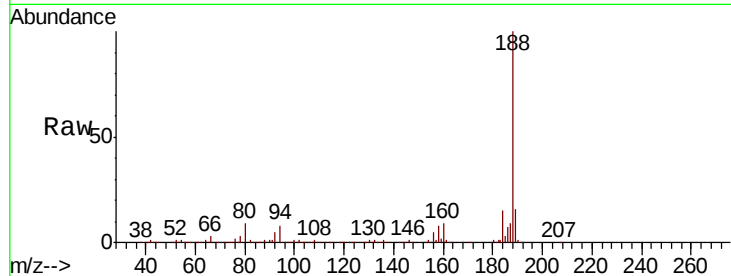
Tot Ion:188 Resp: 467599

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

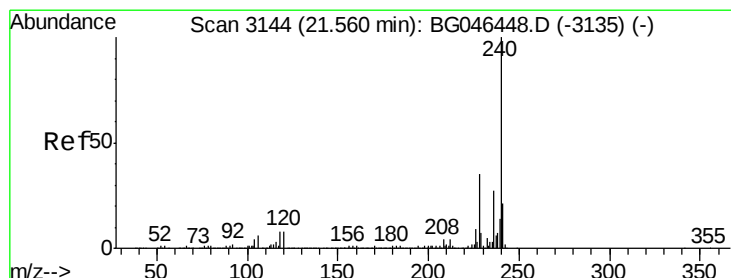
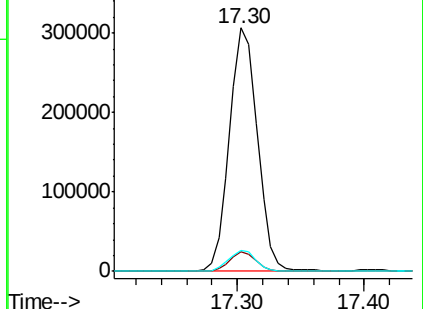
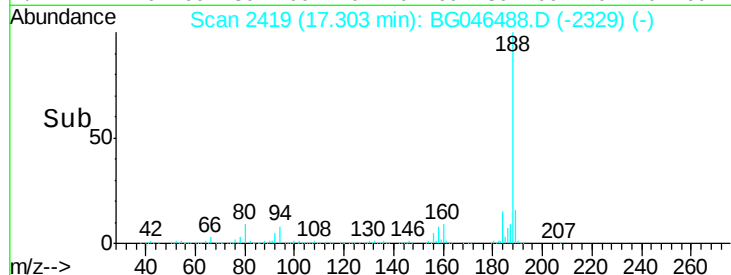
80 8.8 6.9 10.3



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: BG046488.D

Acq: 1 Sep 2020 17:26

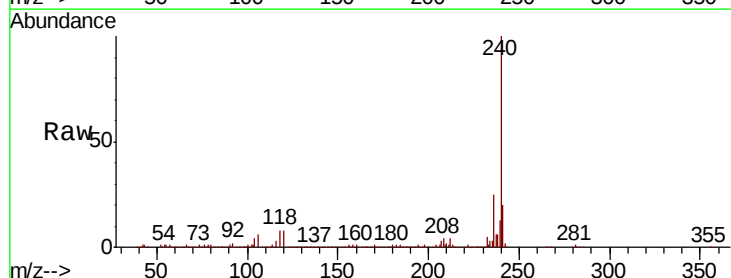
Tgt Ion:240 Resp: 512702

Ion Ratio Lower Upper

240 100

120 7.9 6.6 10.0

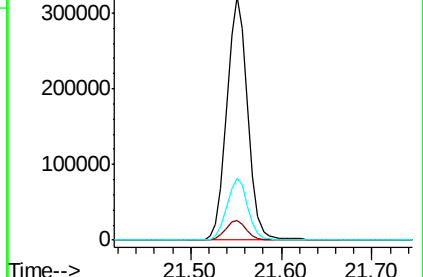
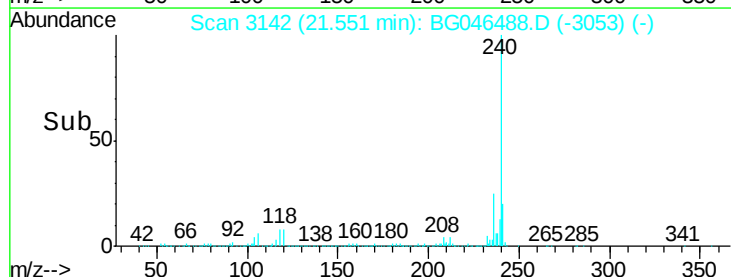
236 25.4 21.4 32.2

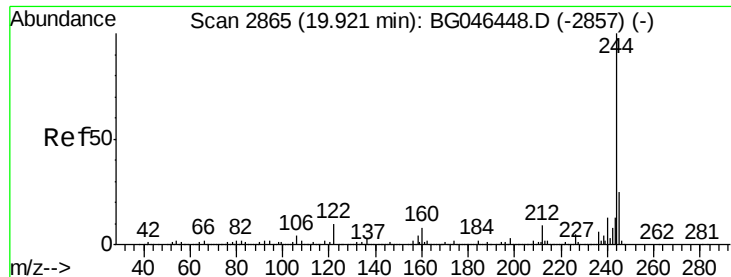


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.009 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046488.D

Acq: 1 Sep 2020 17:26

Instrument :

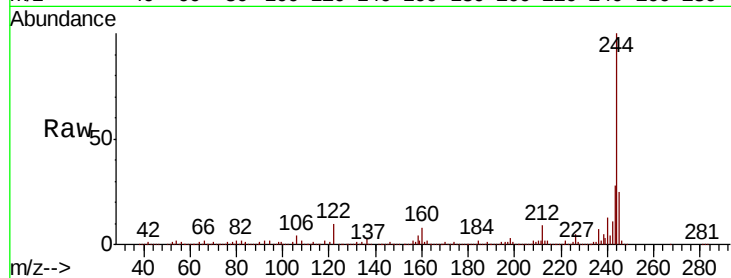
BNA_G

ClientSampleId :

TR-08-082820

Tot Ion:244 Resp: 1855239

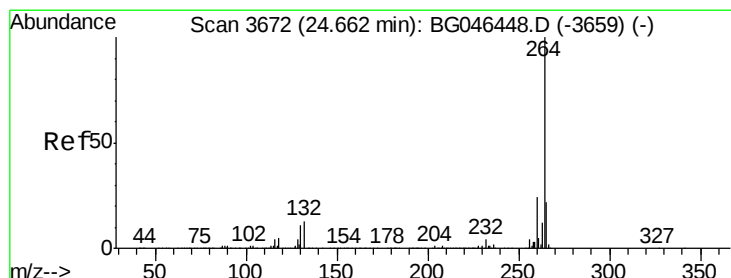
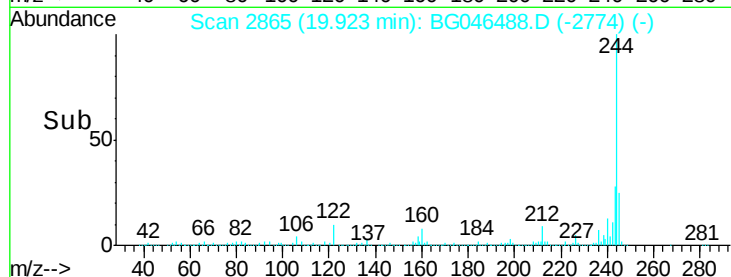
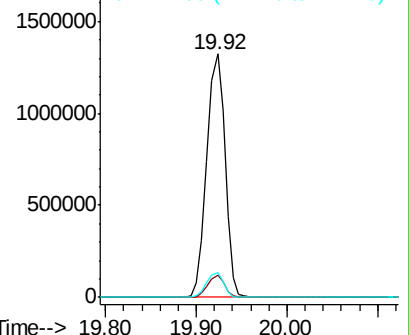
Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	10.2	8.2	12.4



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# 3670

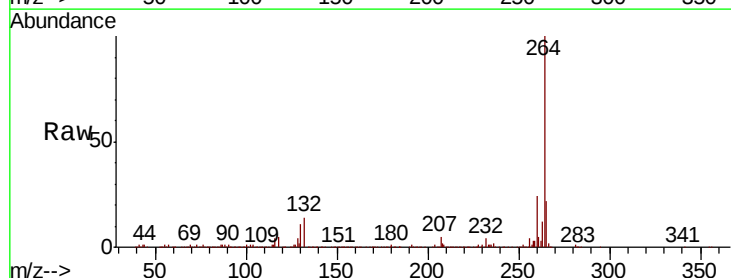
Delta R.T. -0.00 min

Lab File: BG046488.D

Acq: 1 Sep 2020 17:26

Tgt Ion:264 Resp: 521501

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	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

