

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 18:17:10 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

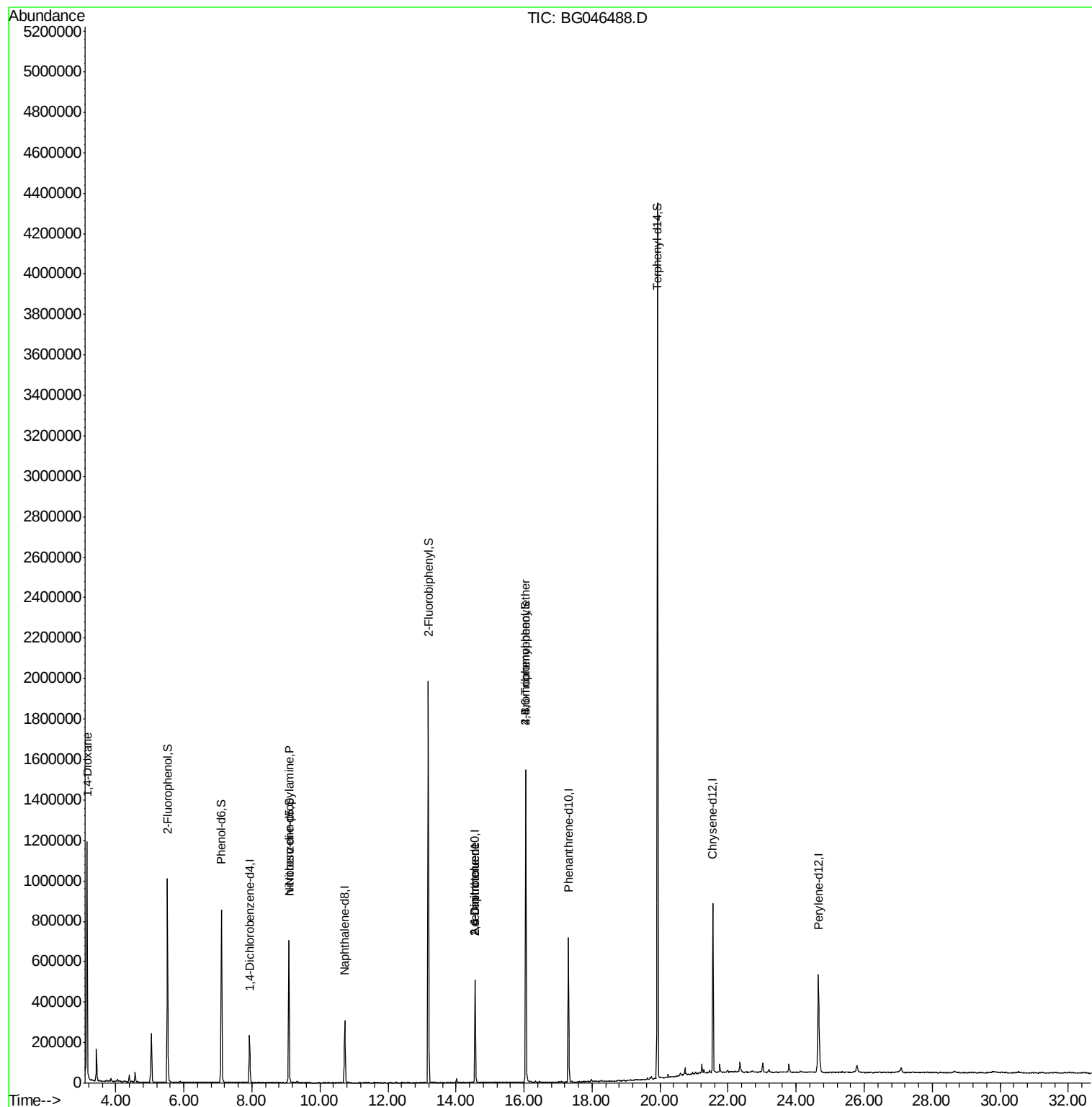
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	9908	5.749	ng	# 1
19) n-Nitroso-di-n-propylamine	9.09	70	58053	16.528	ng	# 78
51) 2,6-Dinitrotoluene	14.56	165	25035	7.854	ng	# 33
57) 2,4-Dinitrotoluene	14.56	165	25035	5.508	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	24948	4.573	ng	# 1

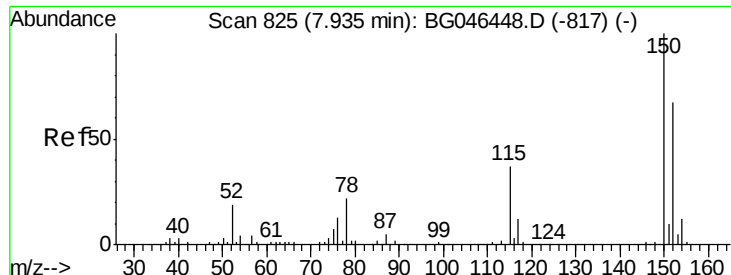
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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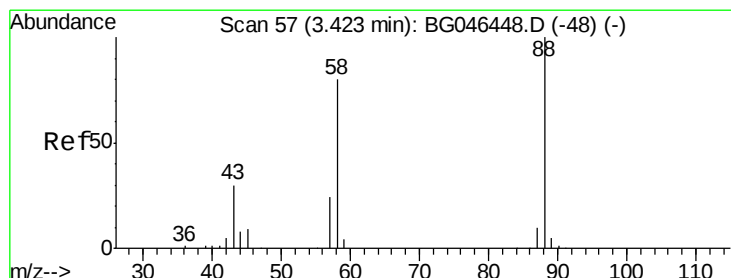
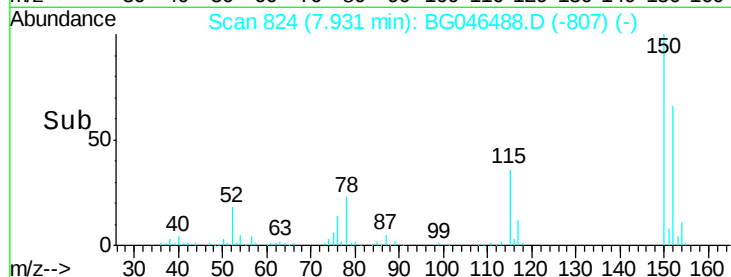
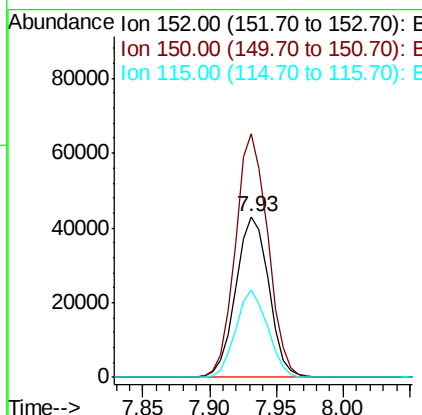
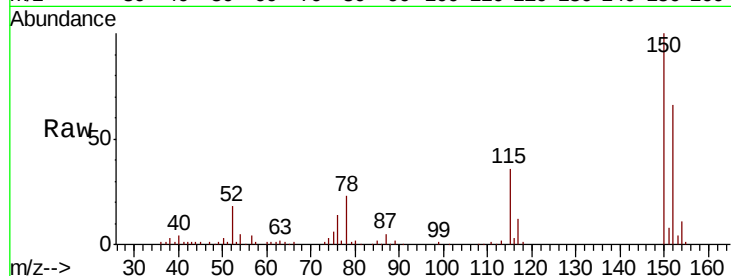


#1

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

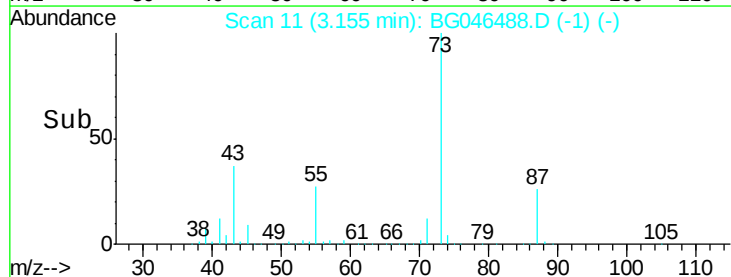
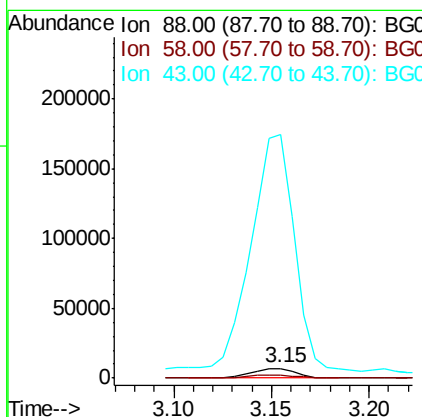
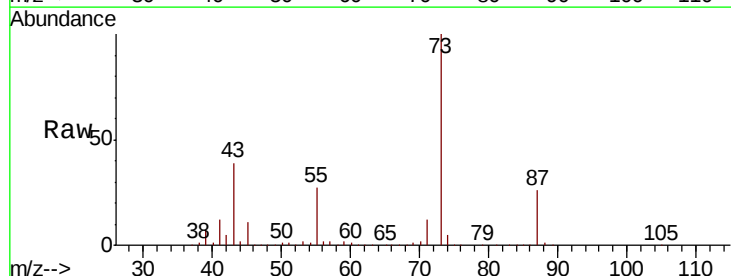
Tot Ion:152 Resp: 73366
Ion Ratio Lower Upper
152 100
150 151.5 119.5 179.3
115 54.6 44.3 66.5

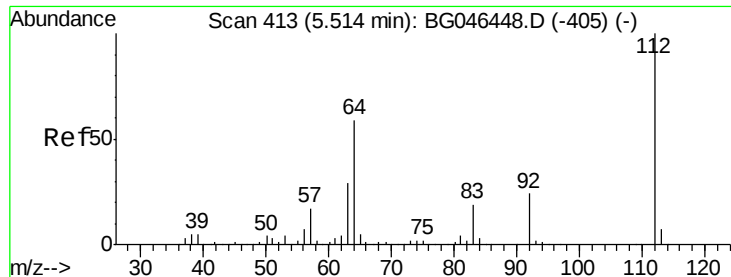


#2

1,4-Dioxane
Concen: 5.749 ng
RT: 3.15 min Scan# 11
Delta R.T. -0.27 min
Lab File: BG046488.D
Acq: 1 Sep 2020 17:26

Tgt Ion: 88 Resp: 9908
Ion Ratio Lower Upper
88 100
58 29.9 61.4 92.2#
43 2613.7 21.6 32.4#





#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

Instrument :

BNA_G

ClientSampleId :

TR-08-082820

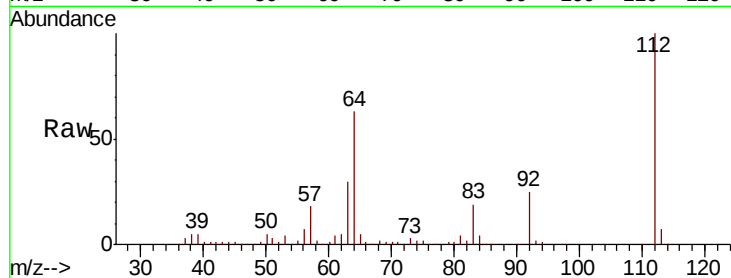
Tot Ion:112 Resp: 470978

Ion Ratio Lower Upper

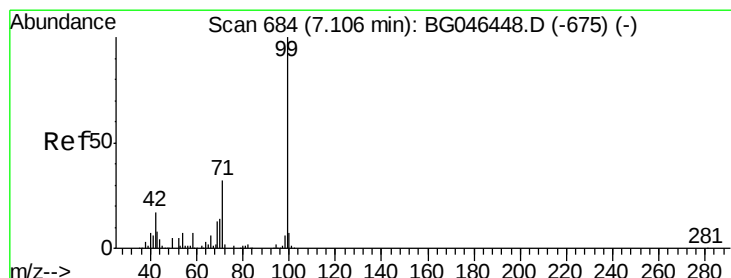
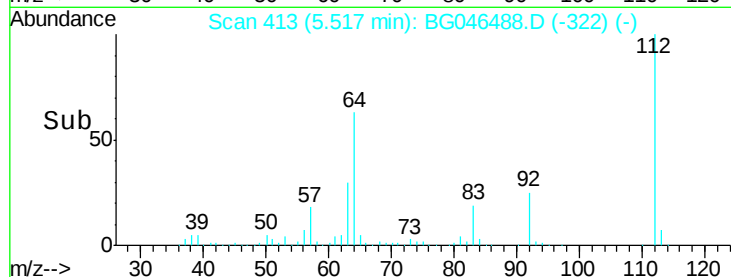
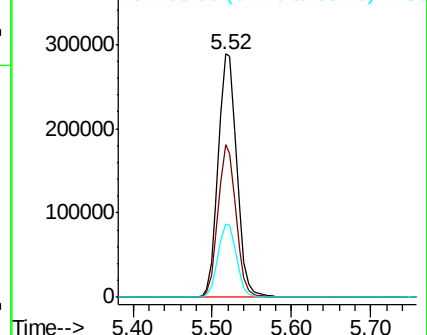
112 100

64 62.5 47.0 70.6

63 30.3 23.5 35.3



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



#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

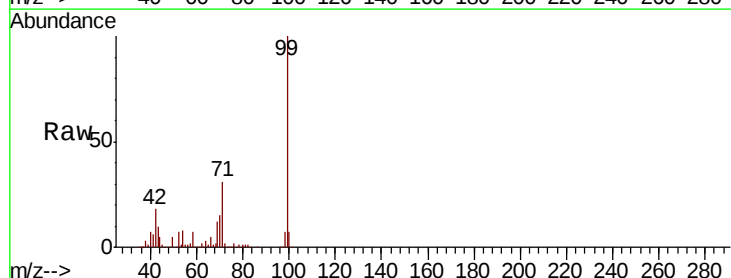
Tgt Ion: 99 Resp: 540996

Ion Ratio Lower Upper

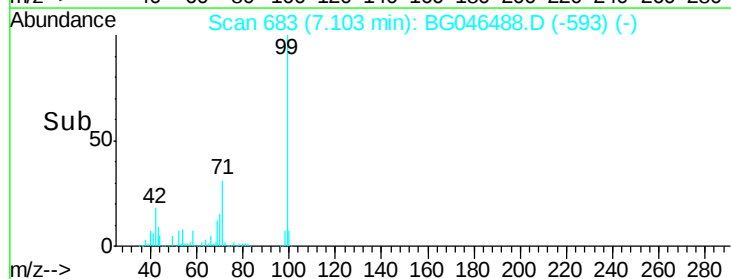
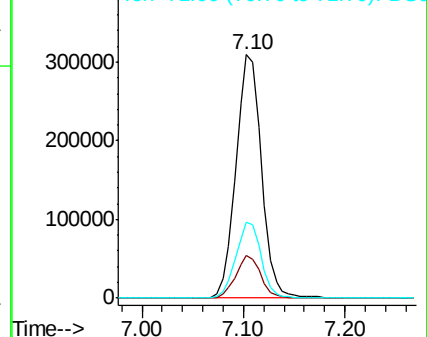
99 100

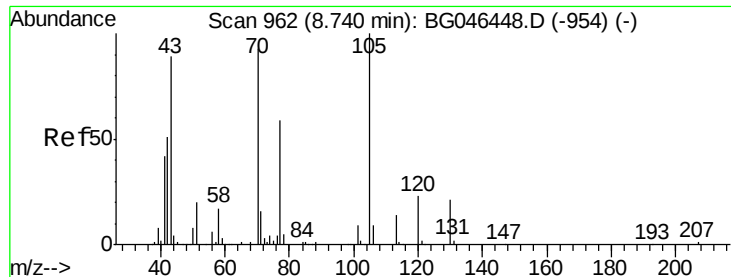
42 17.7 13.3 19.9

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

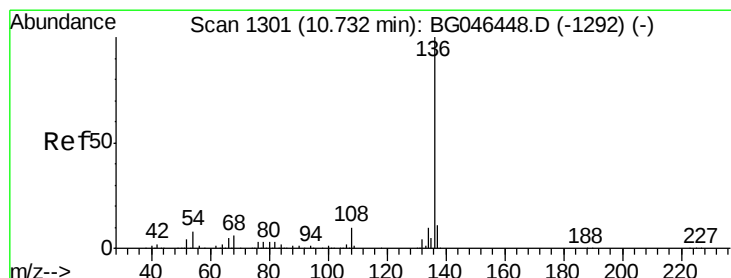
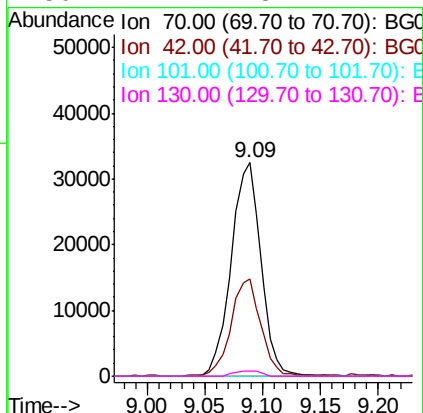
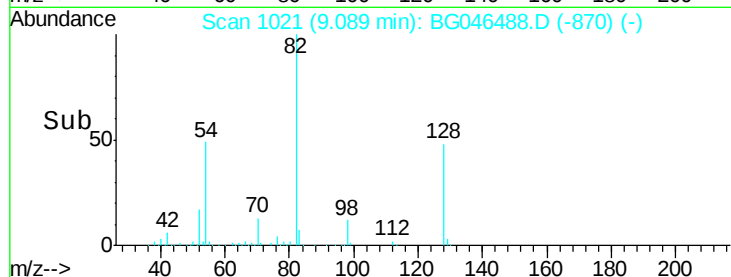
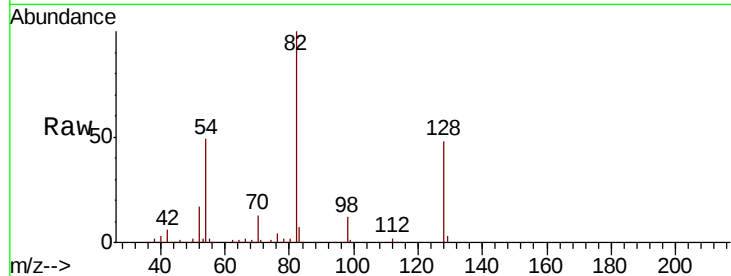




#19
n-Nitroso-di-n-propylamine
Concen: 16.528 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG046488.D
Acq: 1 Sep 2020 17:26

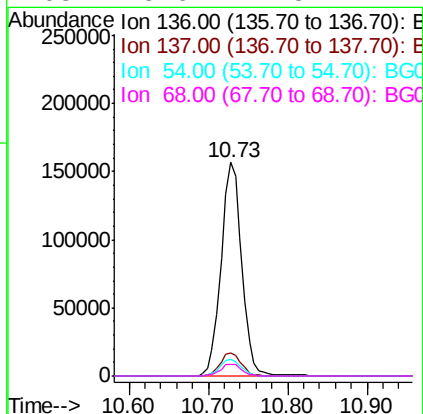
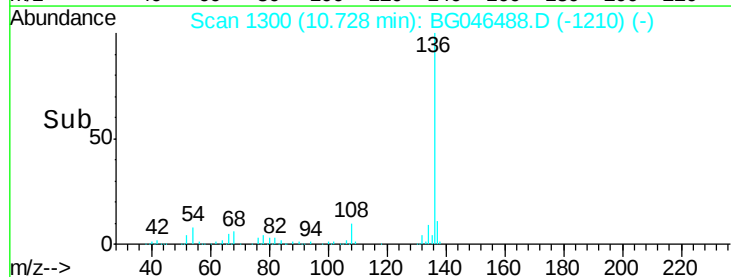
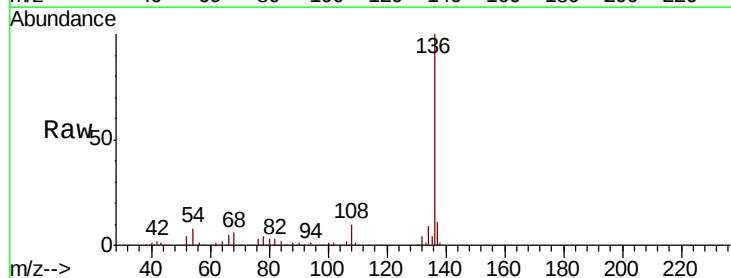
Instrument :
BNA_G
ClientSampleId :
TR-08-082820

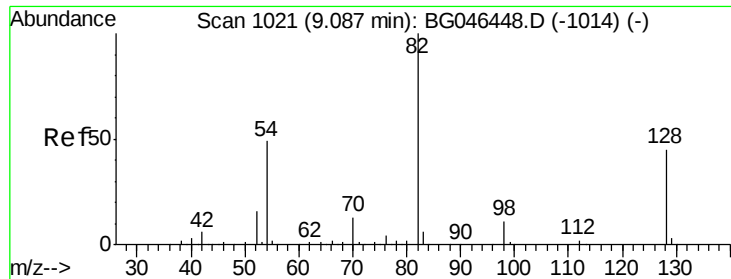
Tot Ion: 70 Resp: 58053
Ion Ratio Lower Upper
70 100
42 45.6 44.2 66.2
101 0.0 7.8 11.8#
130 2.2 18.2 27.4#



#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

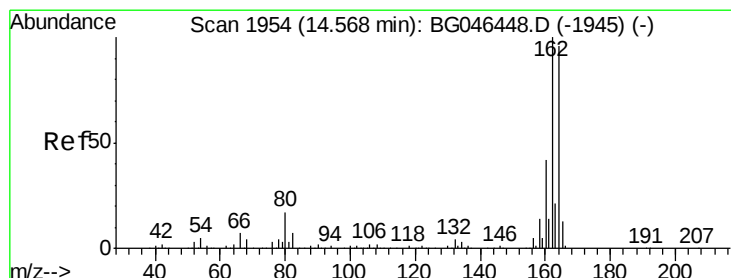
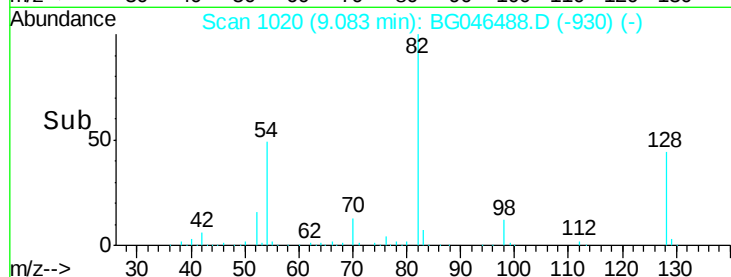
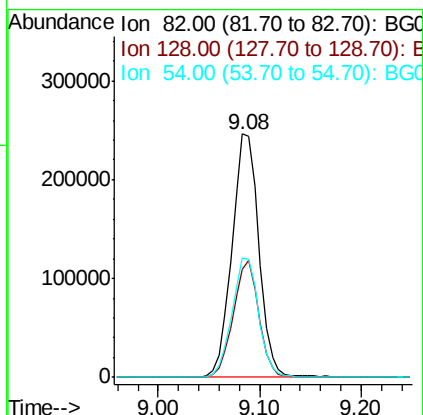
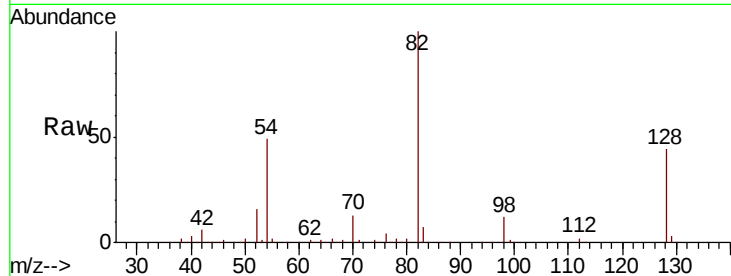




#23
Nitrobenzene-d5
Concen: 91.673 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046488.D
Acq: 1 Sep 2020 17:26

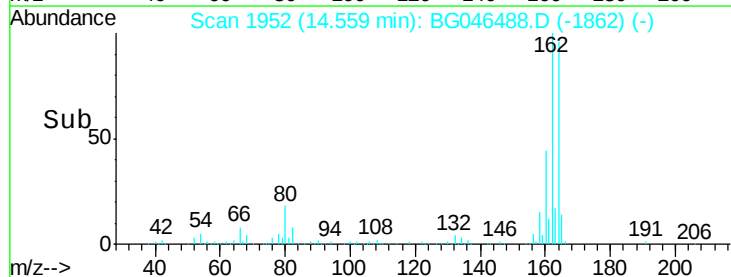
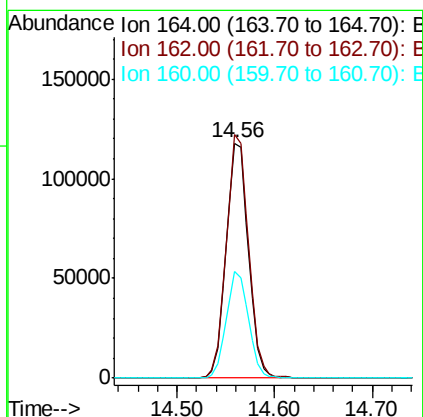
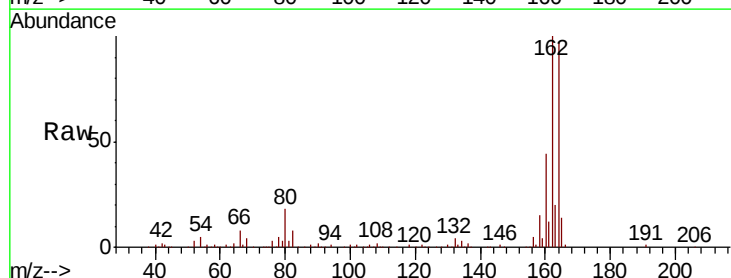
Instrument :
BNA_G
ClientSampleId :
TR-08-082820

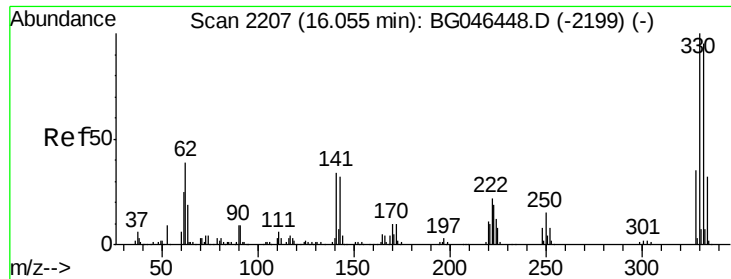
Tot Ion: 82 Resp: 453840
Ion Ratio Lower Upper
82 100
128 44.3 35.7 53.5
54 49.0 39.4 59.0



#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

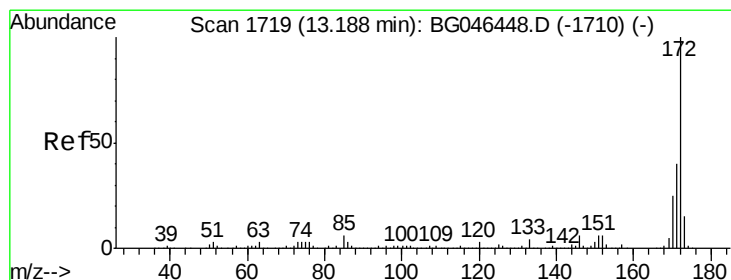
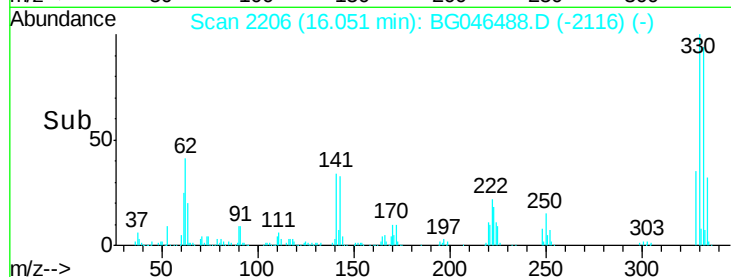
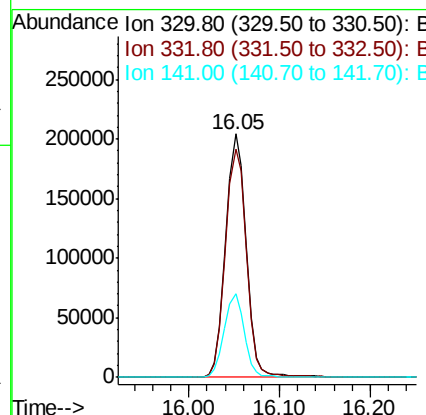
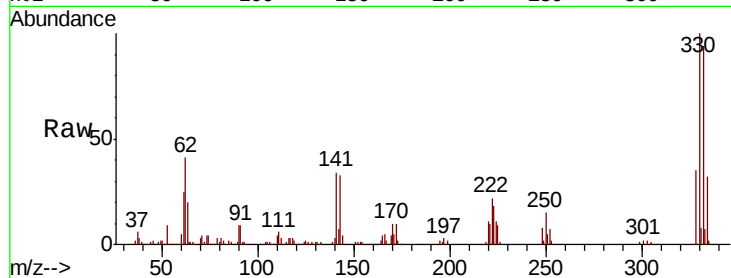




#42
 2,4,6-Tribromophenol
 Concen: 127.268 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG046488.D
 Acq: 1 Sep 2020 17:26

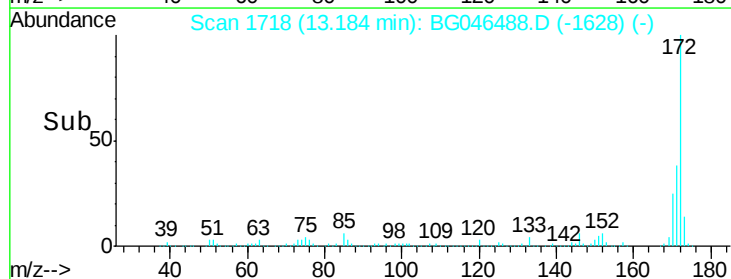
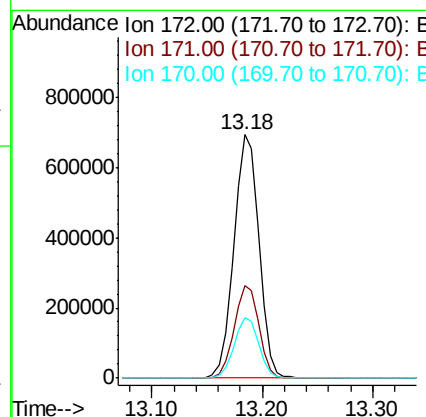
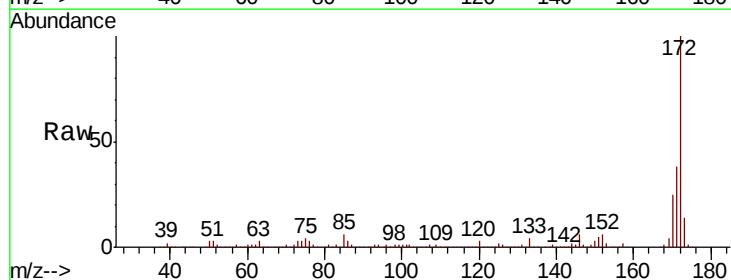
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 TR-08-082820

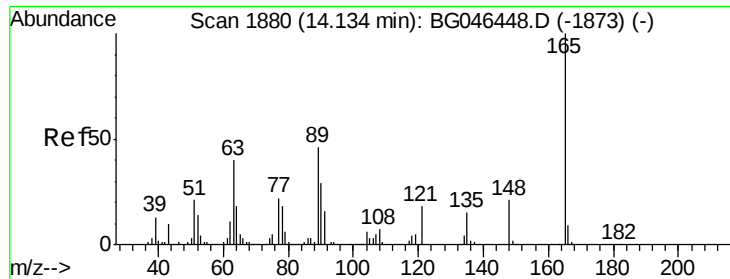
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.1	114.1
141	33.9	26.1	39.1



#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

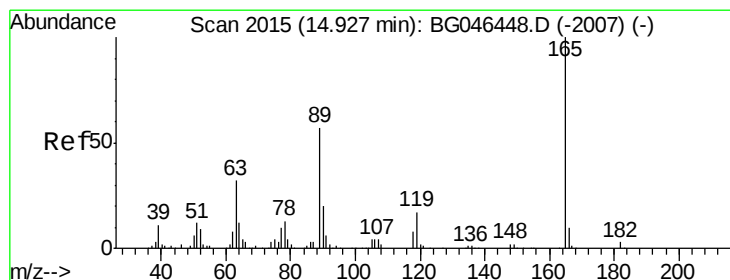
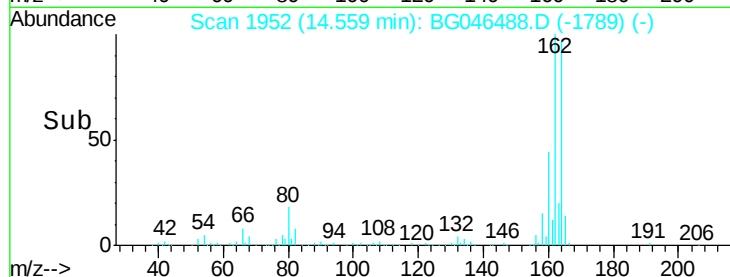
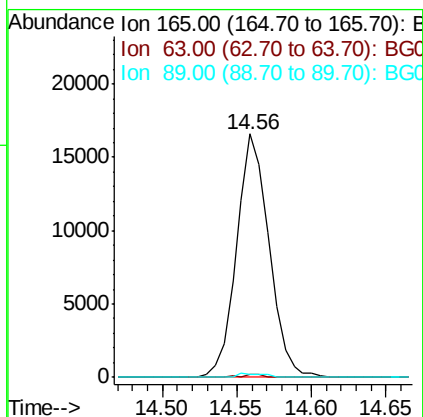
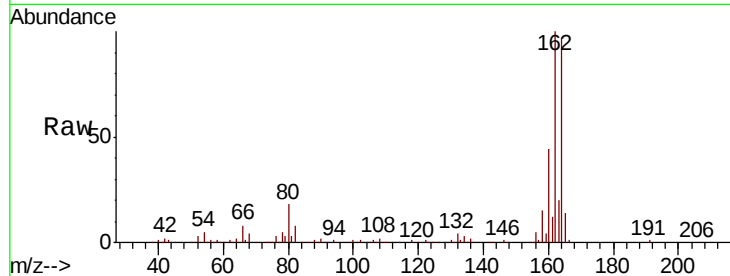




#51
 2,6-Dinitrotoluene
 Concen: 7.854 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.43 min
 Lab File: BG046488.D
 Acq: 1 Sep 2020 17:26

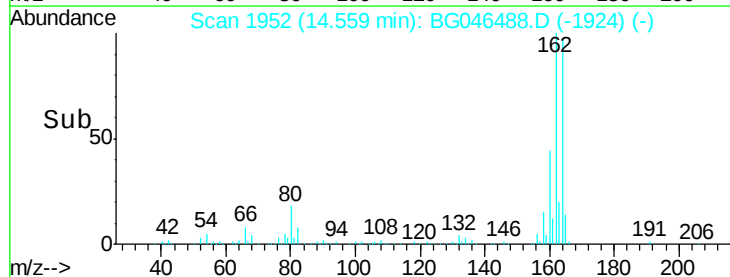
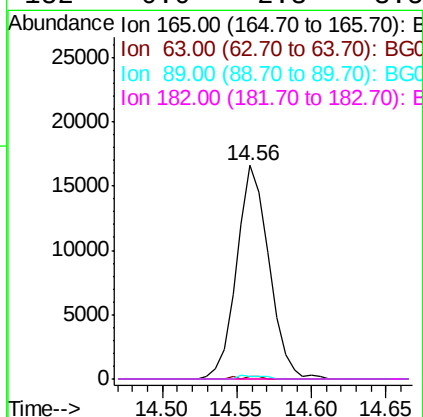
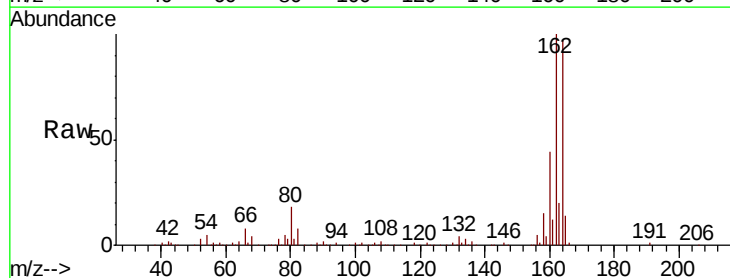
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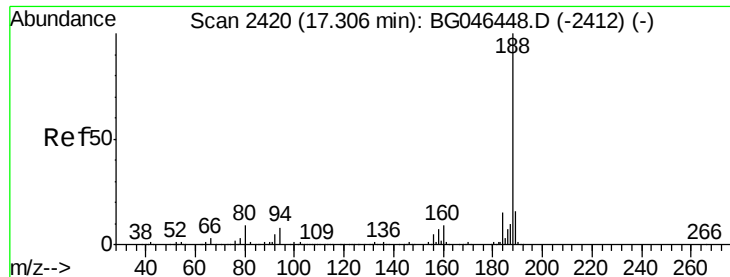
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.2	51.4#
89	1.2	37.0	55.4#



#57
 2,4-Dinitrotoluene
 Concen: 5.508 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046488.D
 Acq: 1 Sep 2020 17:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.2	45.9	68.9#
182	0.0	2.3	3.5#





#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

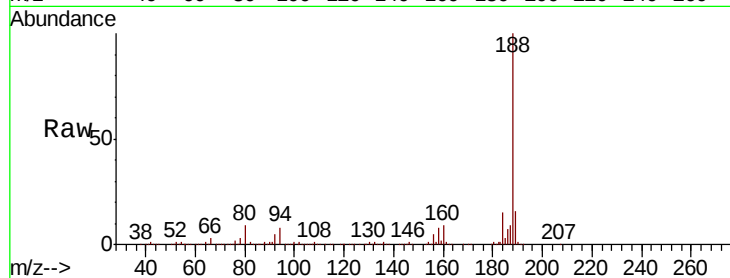
Tot Ion:188 Resp: 467599

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

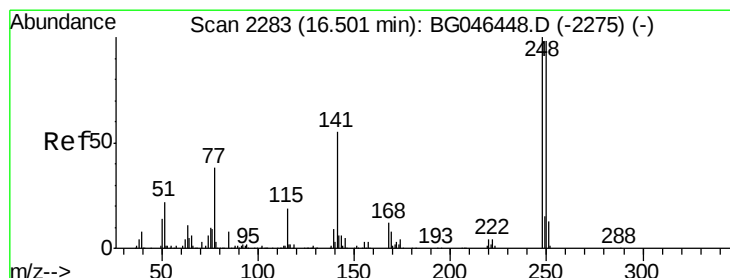
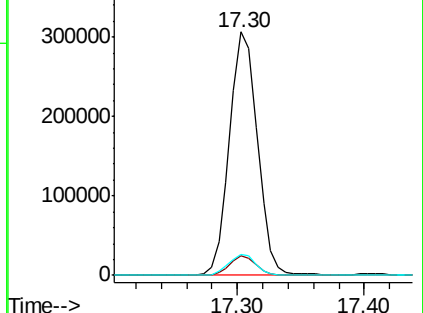
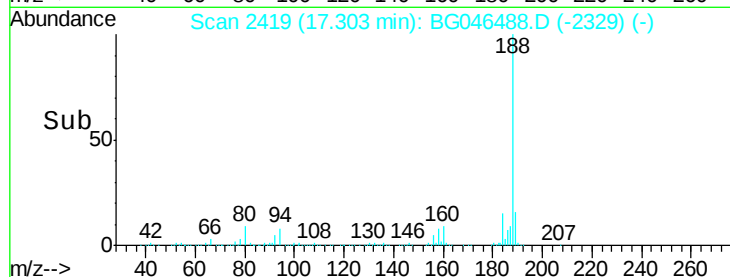
80 8.8 6.9 10.3



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



#67

4-Bromophenyl-phenylether

Concen: 4.573 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.45 min

Lab File: BG046488.D

Acq: 1 Sep 2020 17:26

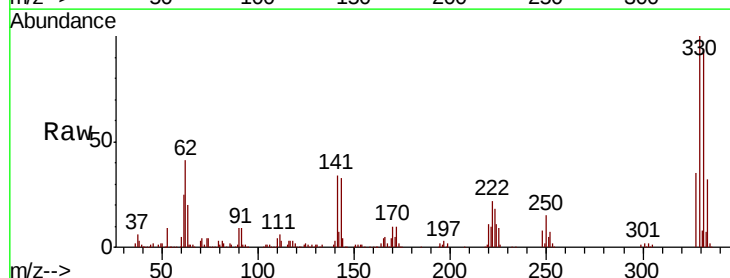
Tgt Ion:248 Resp: 24948

Ion Ratio Lower Upper

248 100

250 187.3 78.6 118.0#

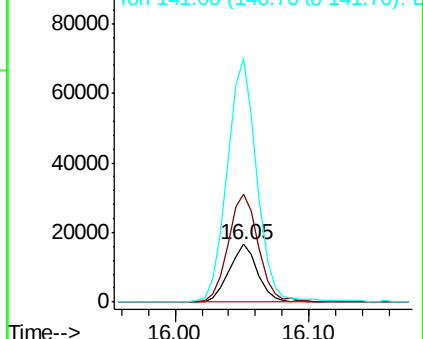
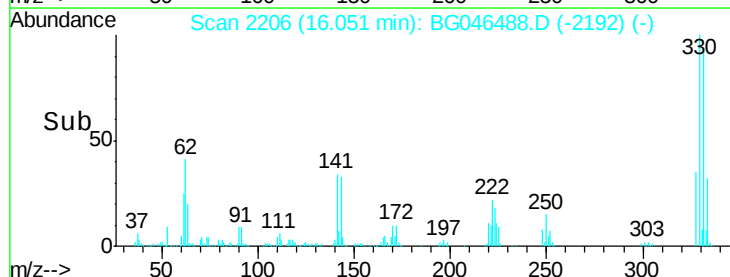
141 421.5 43.9 65.9#

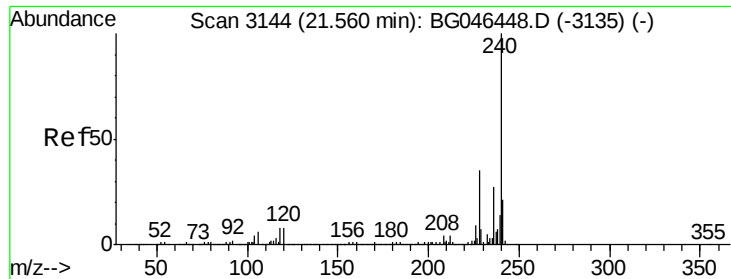


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

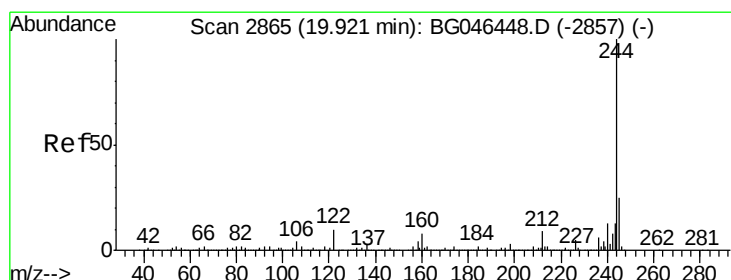
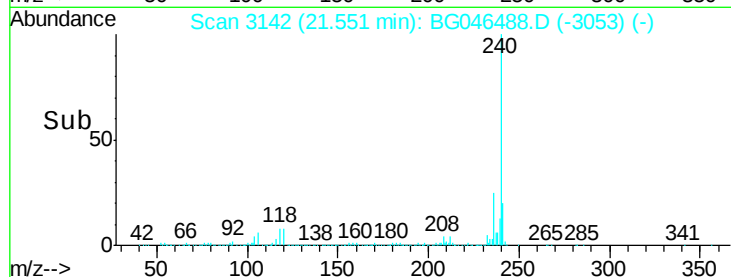
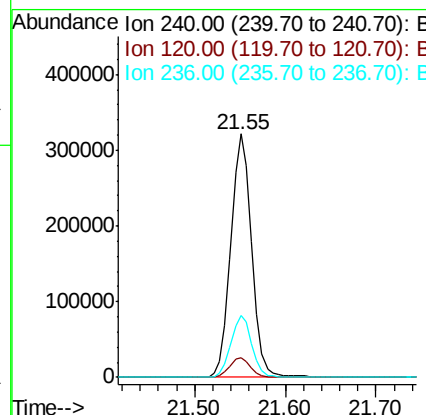
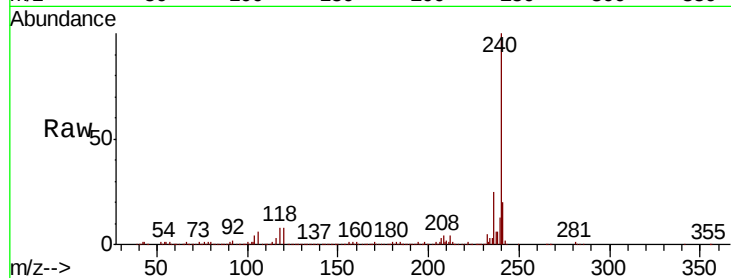




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046488.D
Acq: 1 Sep 2020 17:26

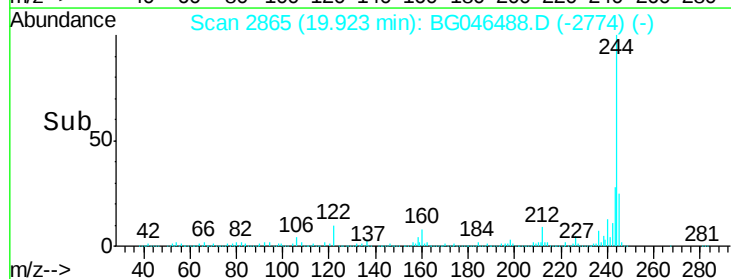
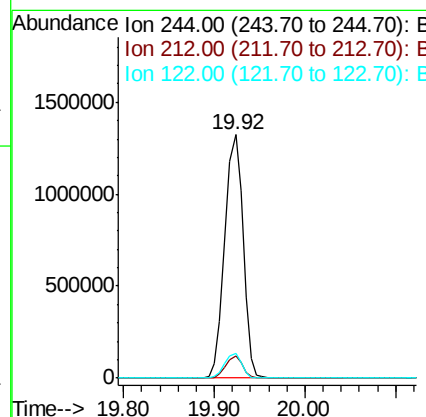
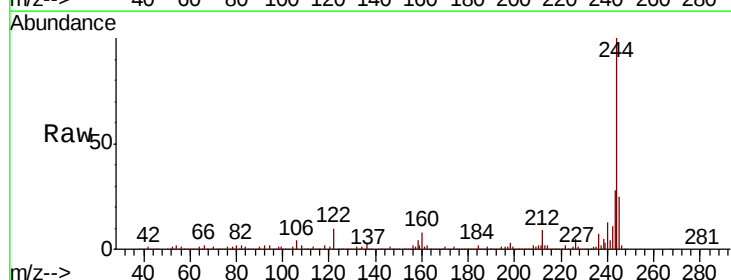
Instrument :
BNA_G
ClientSampleId :
TR-08-082820

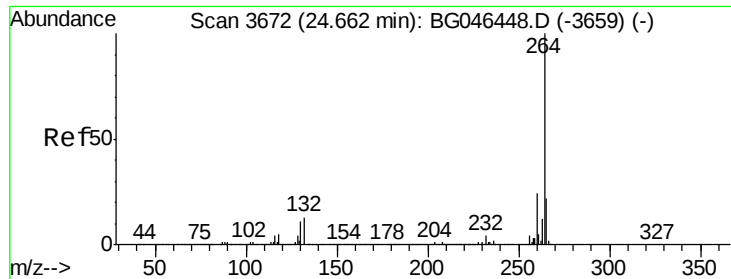
Tot Ion:240 Resp: 512702
Ion Ratio Lower Upper
240 100
120 7.9 6.6 10.0
236 25.4 21.4 32.2



#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

Tgt Ion:244 Resp: 1855239
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 10.2 8.2 12.4





#86
Pervlene-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

Instrument :
BNA_G
ClientSampleId :
TR-08-082820

Tot Ion:	264	Resp:	521501
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.9	26.9

