

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046522.D
 Acq On : 3 Sep 2020 18:49
 Operator : CG/JU
 Sample : L3871-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220

Quant Time: Sep 04 01:21:18 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

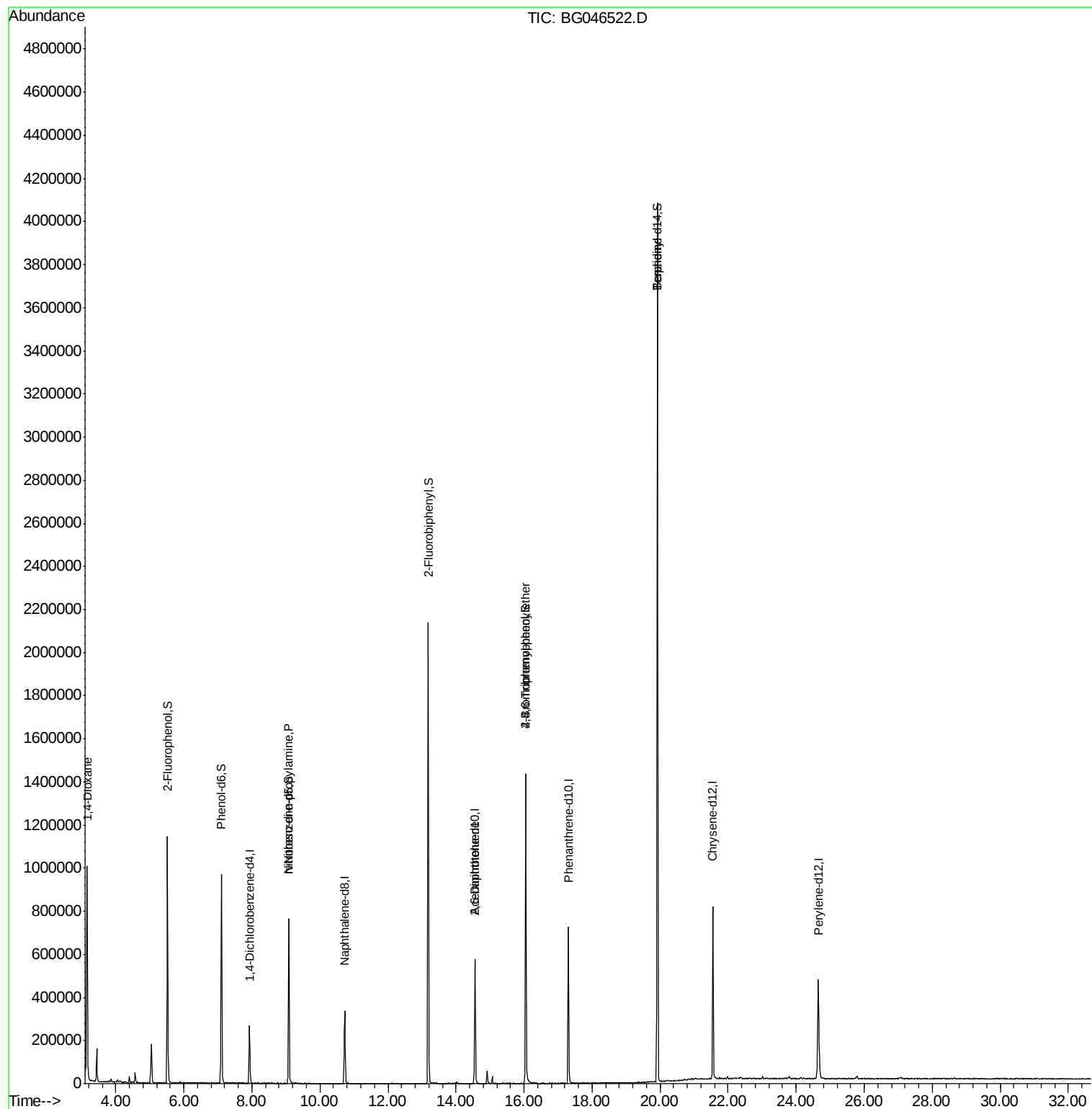
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84918	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	322750	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	205498	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	473658	20.00	ng	0.00
76) Chrysene-d12	21.55	240	503189	20.00	ng	0.00
86) Perylene-d12	24.65	264	490814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	529759	110.50	ng	0.00
7) Phenol-d6	7.10	99	613902	90.33	ng	0.00
23) Nitrobenzene-d5	9.08	82	499058	88.38	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	311432	111.85	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1187127	88.19	ng	0.00
79) Terphenyl-d14	19.92	244	1823188	77.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.15	88	10282	5.155	ng	# 1
19) n-Nitroso-di-n-propylamine	9.08	70	63404	15.596	ng	# 78
51) 2,6-Dinitrotoluene	14.55	165	40353	11.515	ng	# 35
67) 4-Bromophenyl-phenylether	16.05	248	23504	4.253	ng	# 1
77) Benzidine	19.92	184	29224	2.499	ng	# 95

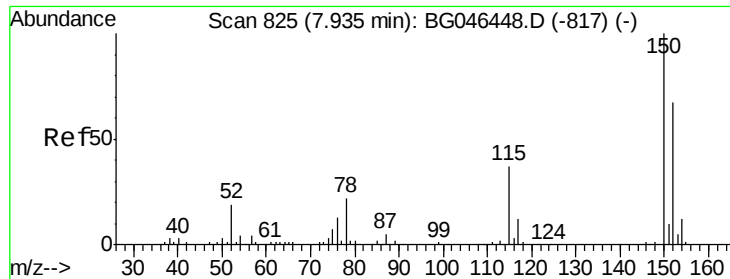
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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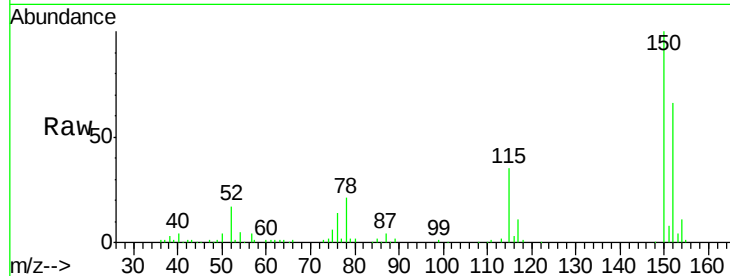


#1

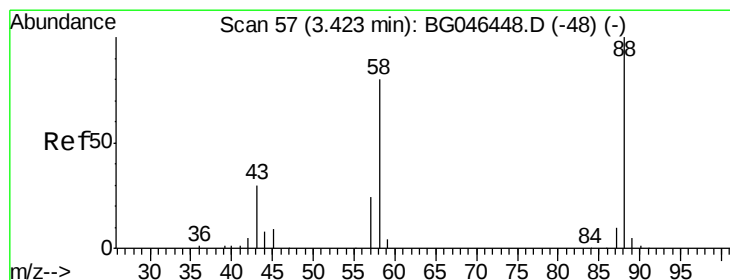
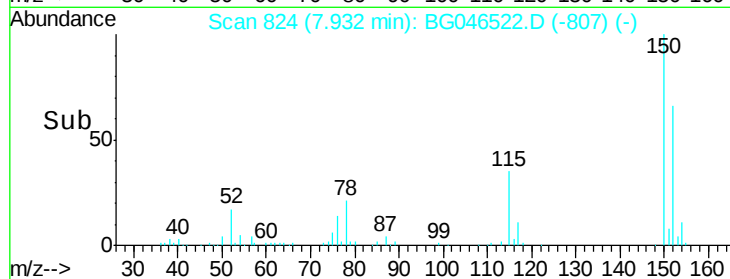
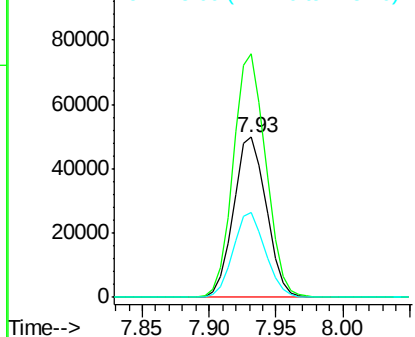
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046522.D
Acq: 3 Sep 2020 18:49

Instrument :
BNA_G
ClientSampleId :
TR-05-090220

Tot Ion:152 Resp: 84918
Ion Ratio Lower Upper
152 100
150 152.0 119.5 179.3
115 52.8 44.3 66.5



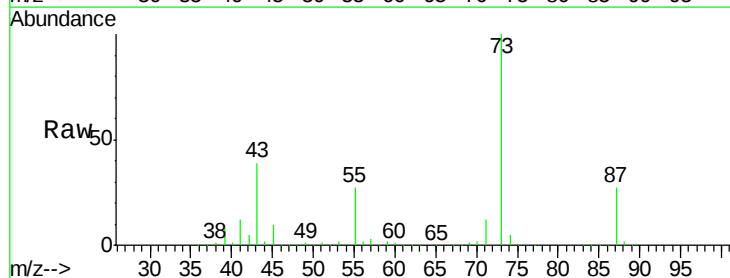
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



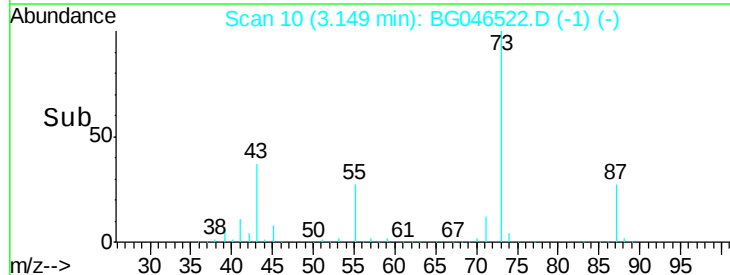
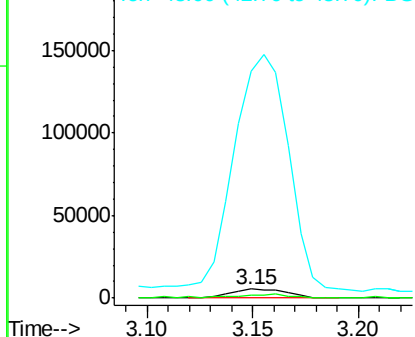
#2

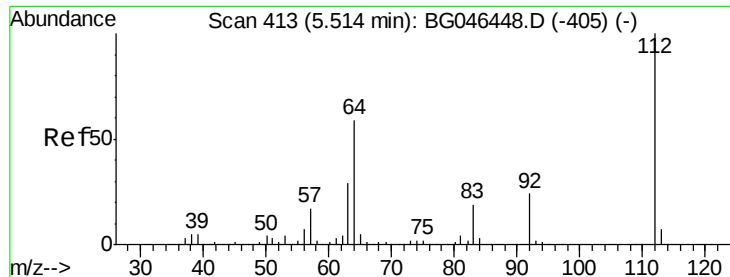
1,4-Dioxane
Concen: 5.155 ng
RT: 3.15 min Scan# 10
Delta R.T. -0.27 min
Lab File: BG046522.D
Acq: 3 Sep 2020 18:49

Tgt Ion: 88 Resp: 10282
Ion Ratio Lower Upper
88 100
58 29.9 61.4 92.2#
43 2480.4 21.6 32.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 110.495 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046522.D

Acq: 3 Sep 2020 18:49

Instrument :

BNA_G

ClientSampleId :

TR-05-090220

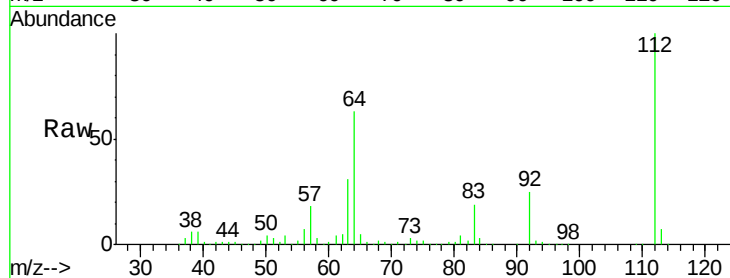
Tot Ion: 112 Resp: 529759

Ion Ratio Lower Upper

112 100

64 63.1 47.0 70.6

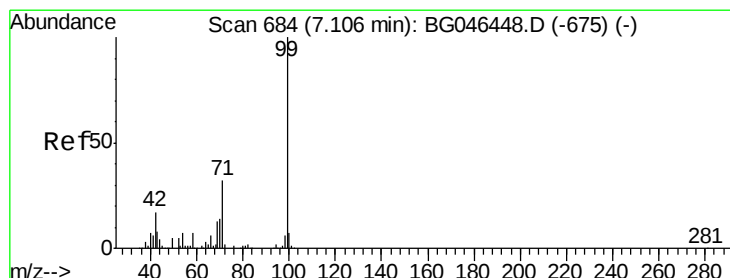
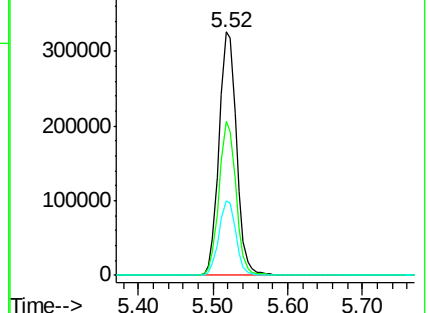
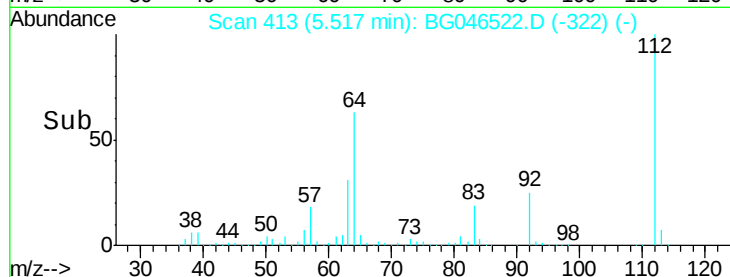
63 30.9 23.5 35.3



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: 90.325 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046522.D

Acq: 3 Sep 2020 18:49

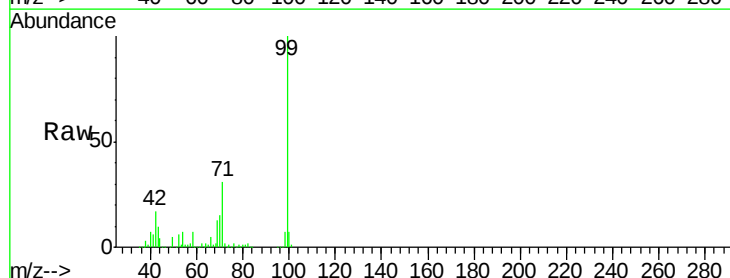
Tgt Ion: 99 Resp: 613902

Ion Ratio Lower Upper

99 100

42 17.1 13.3 19.9

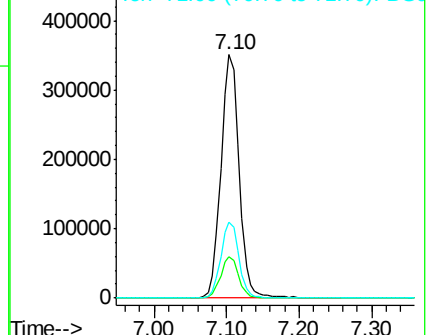
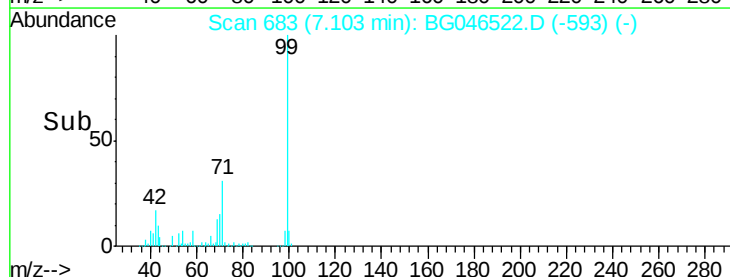
71 31.4 25.3 37.9

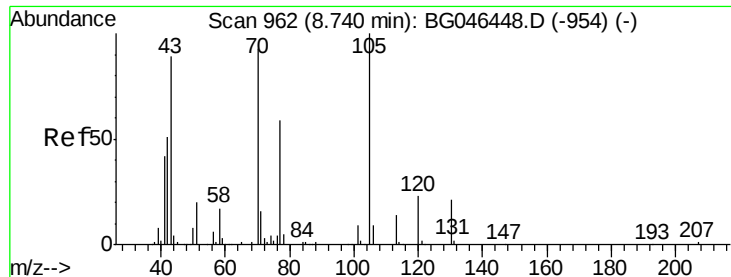


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

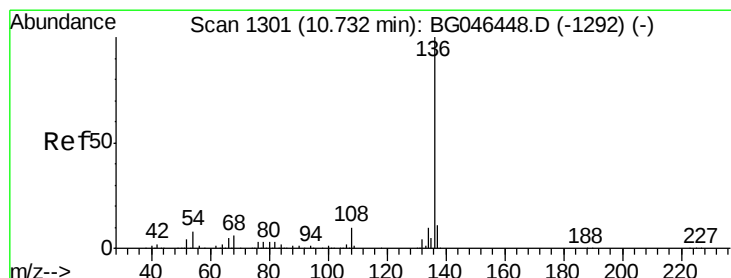
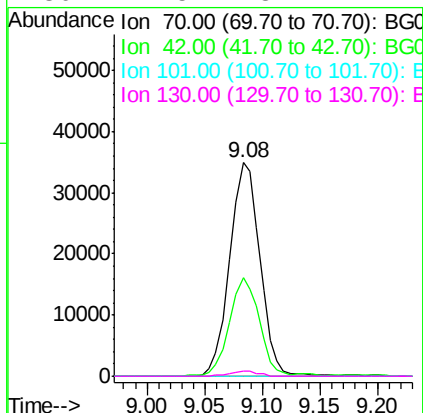
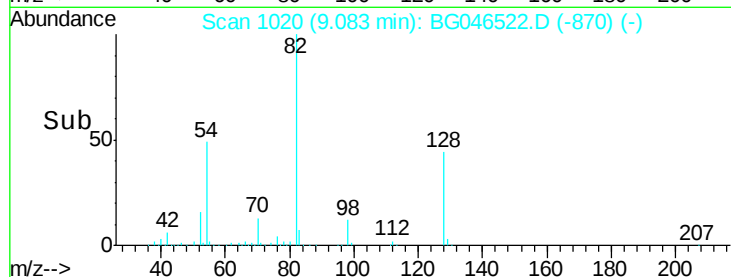
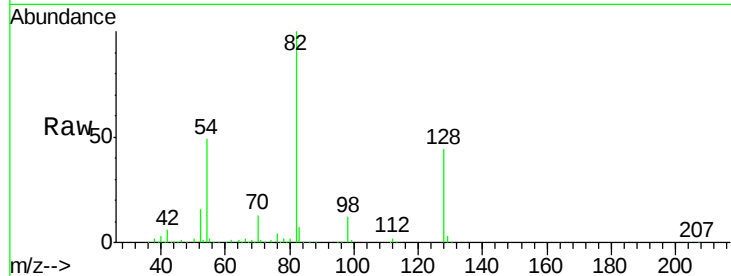




#19
n-Nitroso-di-n-propylamine
Concen: 15.596 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG046522.D
Acq: 3 Sep 2020 18:49

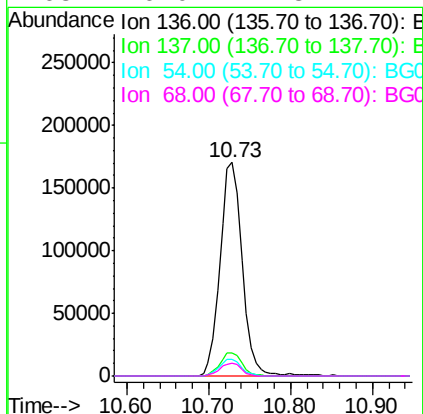
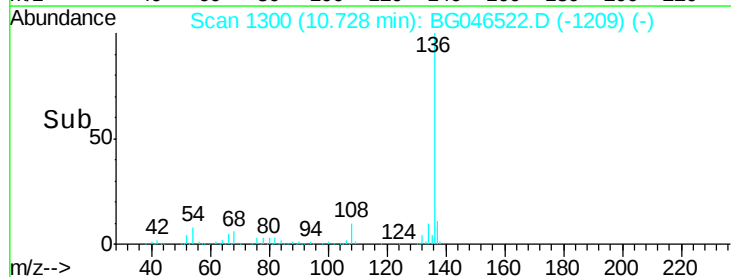
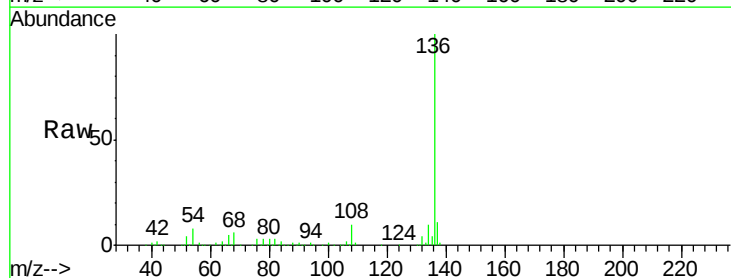
Instrument :
BNA_G
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TR-05-090220

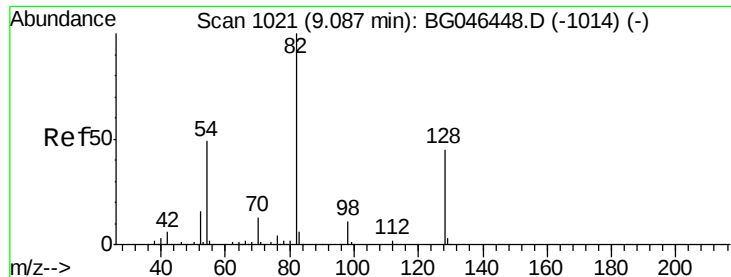
Tot Ion: 70 Resp: 63404
Ion Ratio Lower Upper
70 100
42 46.1 44.2 66.2
101 0.0 7.8 11.8#
130 2.5 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046522.D
Acq: 3 Sep 2020 18:49

Tgt Ion: 136 Resp: 322750
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.1 9.1
68 6.0 4.8 7.2

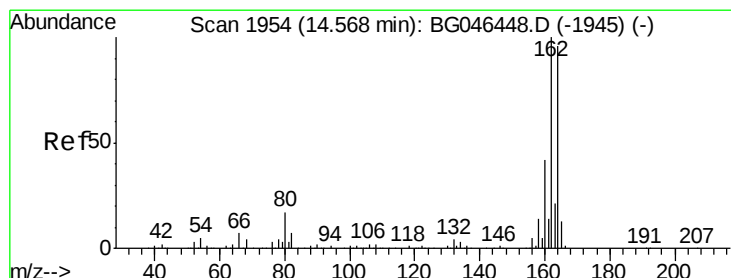
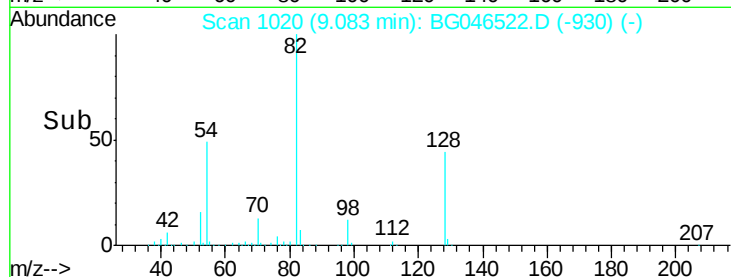
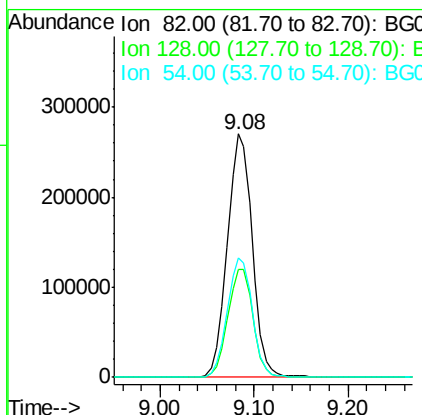
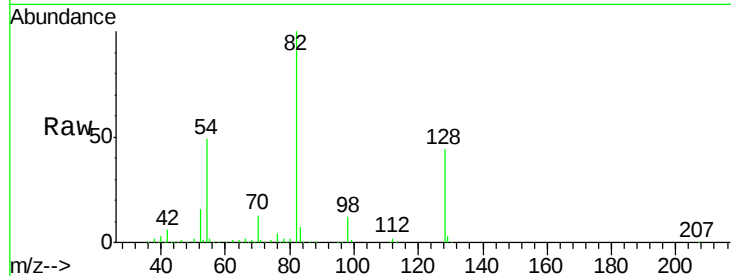




#23
 Nitrobenzene-d5
 Concen: 88.377 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046522.D
 Acq: 3 Sep 2020 18:49

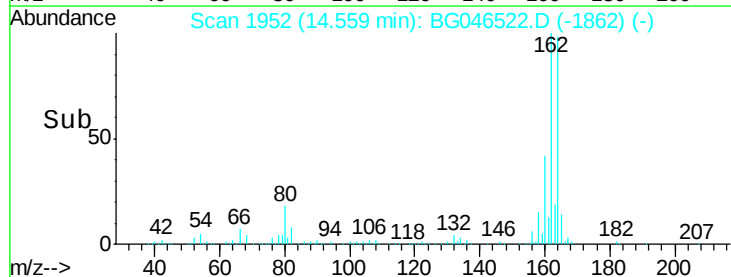
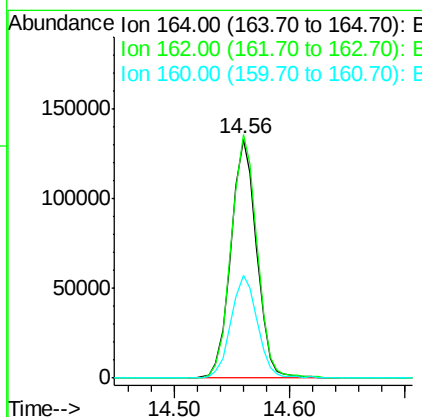
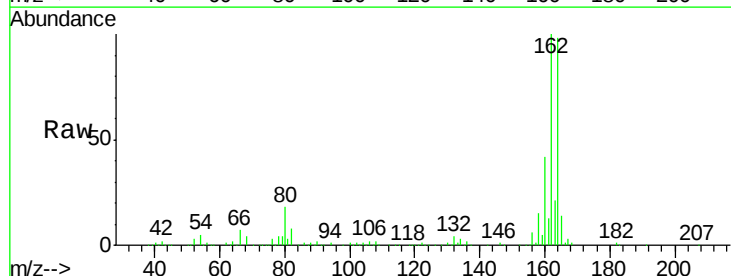
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220

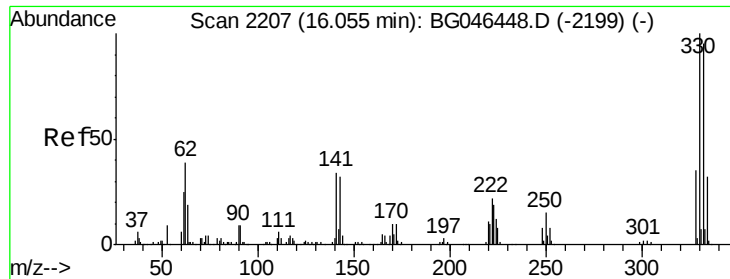
Tot Ion	82	Resp	499058
Ion Ratio	Lower	Upper	
82	100		
128	44.3	35.7	53.5
54	49.3	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046522.D
 Acq: 3 Sep 2020 18:49

Tgt Ion	164	Resp	205498
Ion Ratio	Lower	Upper	
164	100		
162	102.1	83.3	124.9
160	42.9	35.0	52.6

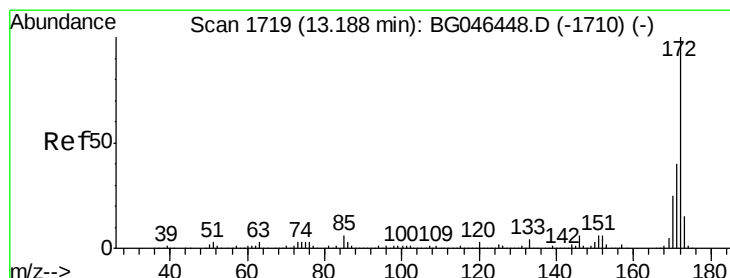
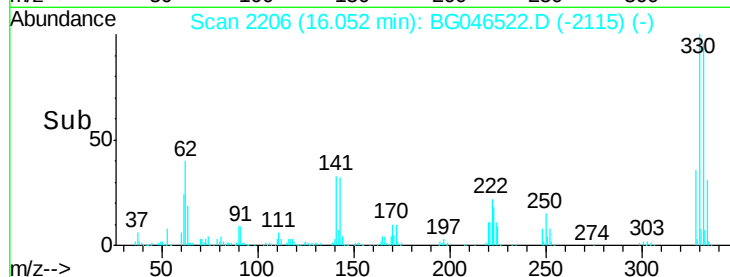
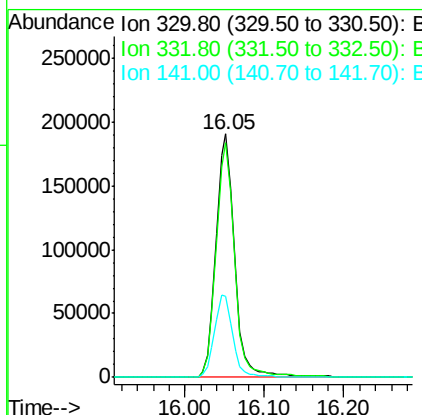
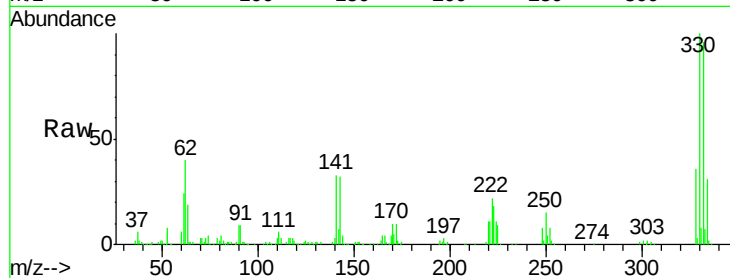




#42
 2,4,6-Tribromophenol
 Concen: 111.851 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046522.D
 Acq: 3 Sep 2020 18:49

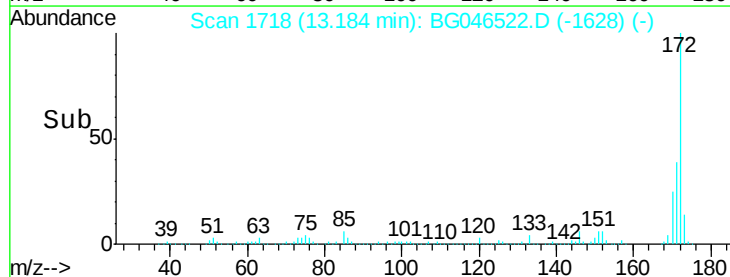
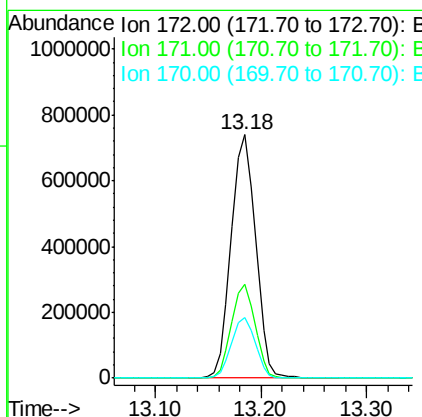
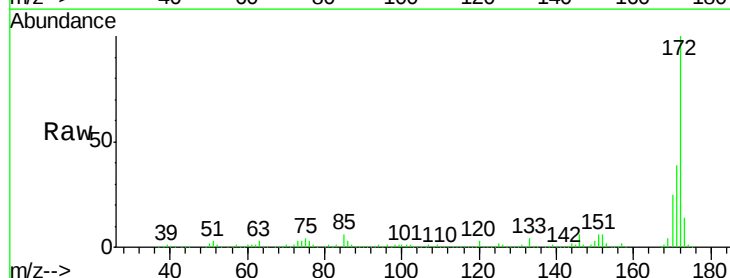
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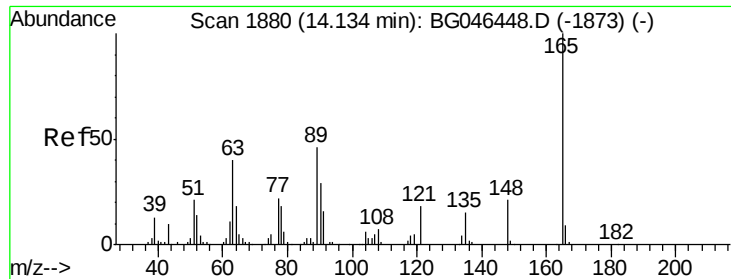
Tot Ion:330 Resp: 311432
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.1 114.1
 141 33.4 26.1 39.1



#45
 2-Fluorobiphenyl
 Concen: 88.187 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046522.D
 Acq: 3 Sep 2020 18:49

Tgt Ion:172 Resp: 1187127
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.8 47.6
 170 25.1 20.3 30.5

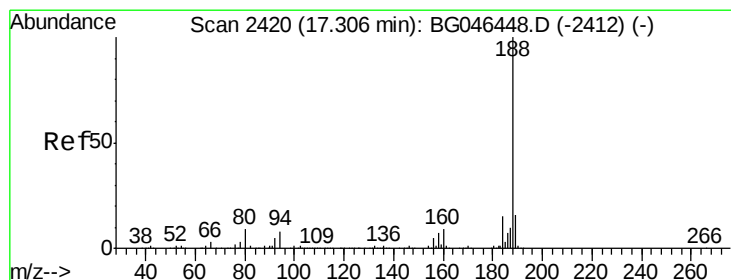
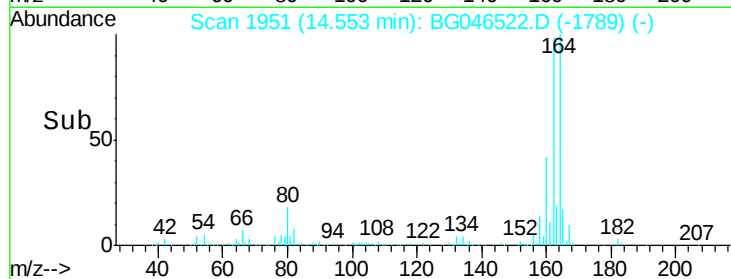
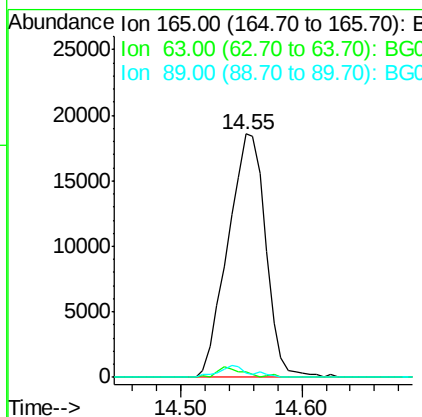
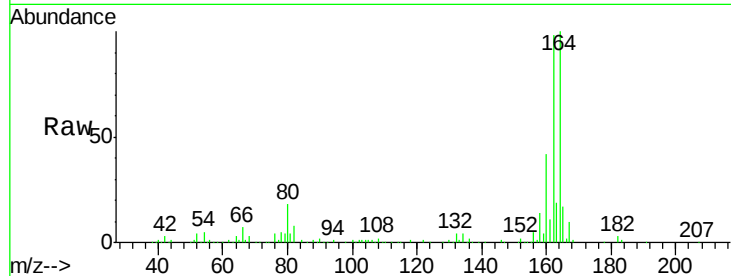




#51
 2,6-Dinitrotoluene
 Concen: 11.515 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.42 min
 Lab File: BG046522.D
 Acq: 3 Sep 2020 18:49

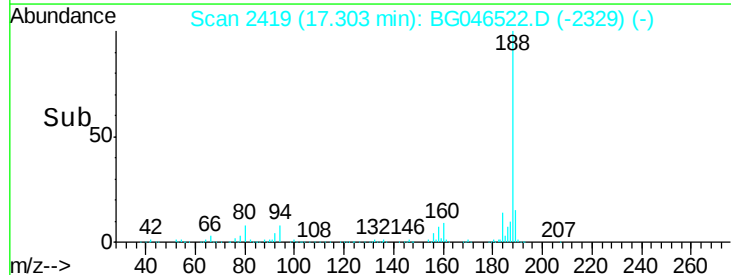
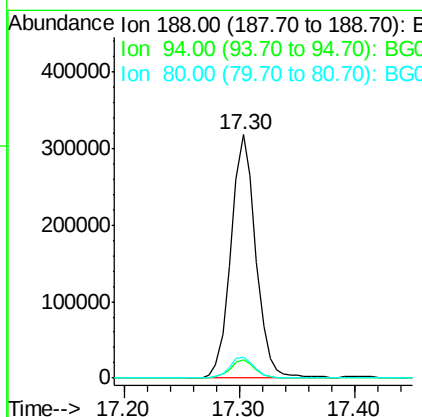
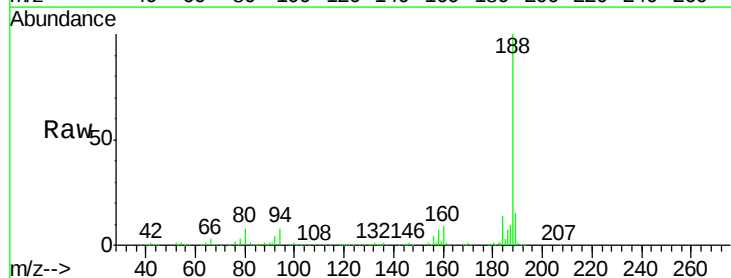
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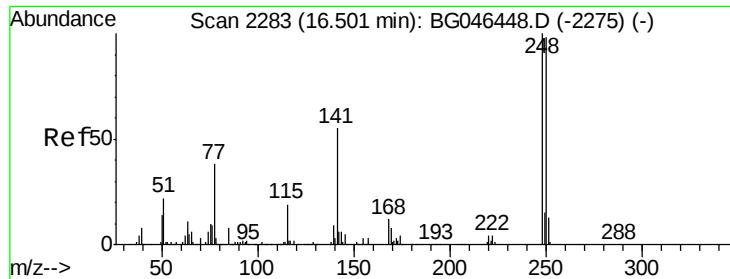
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	34.2	51.4#
89	1.7	37.0	55.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG046522.D
 Acq: 3 Sep 2020 18:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.4	6.9	10.3

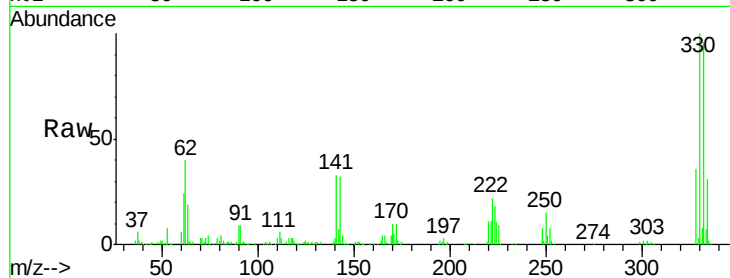




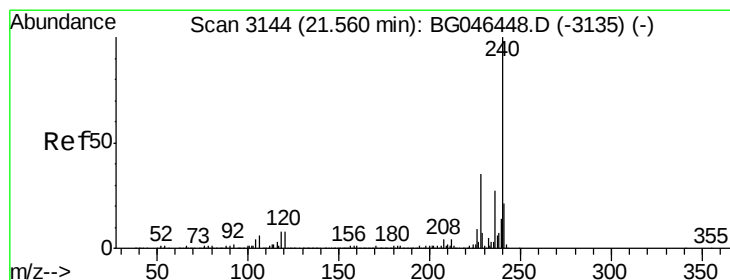
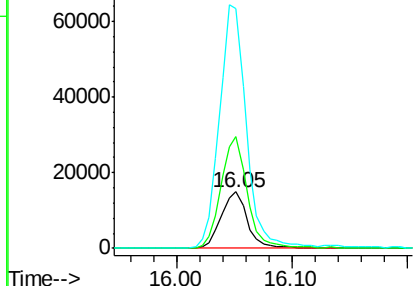
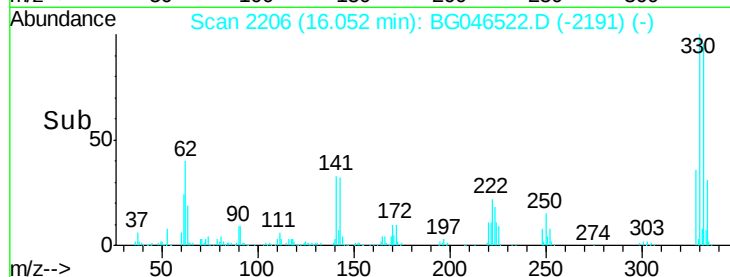
#67
4-Bromophenyl-phenylether
Concen: 4.253 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.44 min
Lab File: BG046522.D
Acq: 3 Sep 2020 18:49

Instrument :
BNA_G
ClientSampleId :
TR-05-090220

Tot Ion:248 Resp: 23504
Ion Ratio Lower Upper
248 100
250 198.4 78.6 118.0#
141 426.6 43.9 65.9#

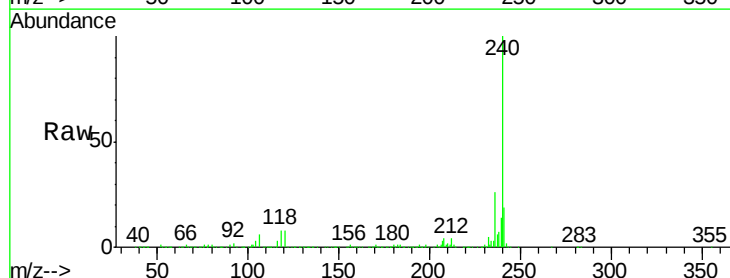


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

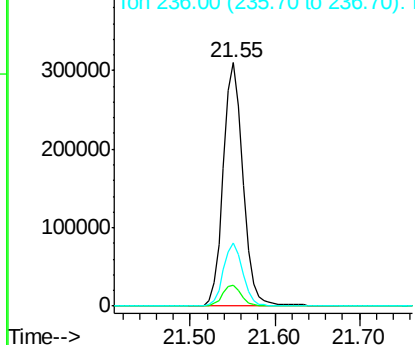
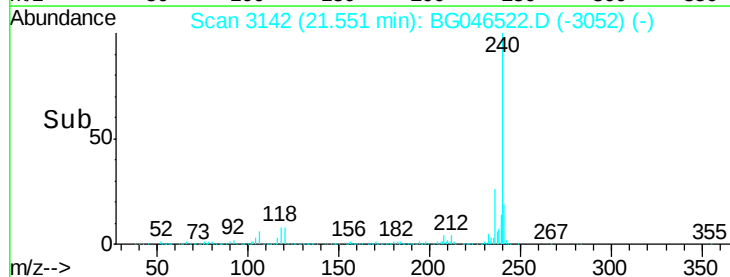


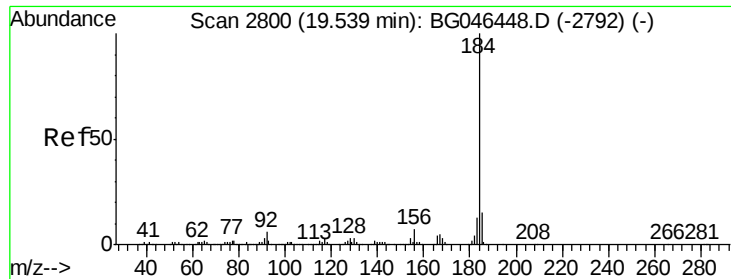
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046522.D
Acq: 3 Sep 2020 18:49

Tgt Ion:240 Resp: 503189
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 26.1 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





#77

Benzidine

Concen: 2.499 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.38 min

Lab File: BG046522.D

Acq: 3 Sep 2020 18:49

Instrument :

BNA_G

ClientSampleId :

TR-05-090220

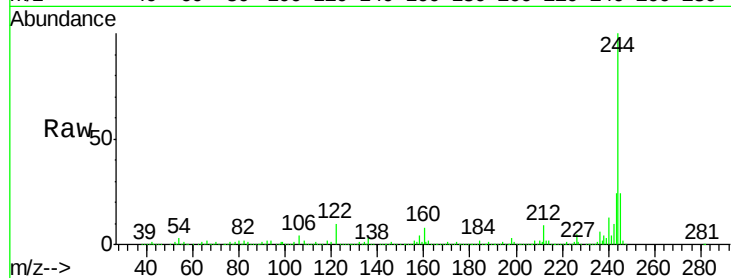
Tot Ion:184 Resp: 29224

Ion Ratio Lower Upper

184 100

185 18.3 11.8 17.8#

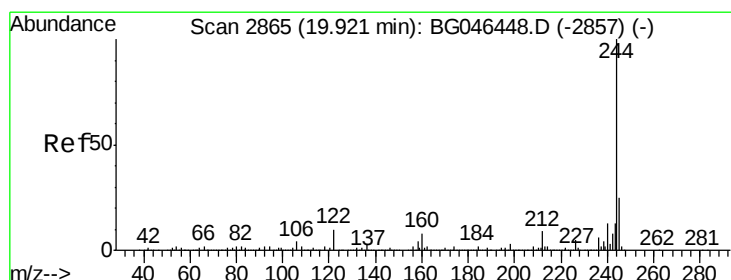
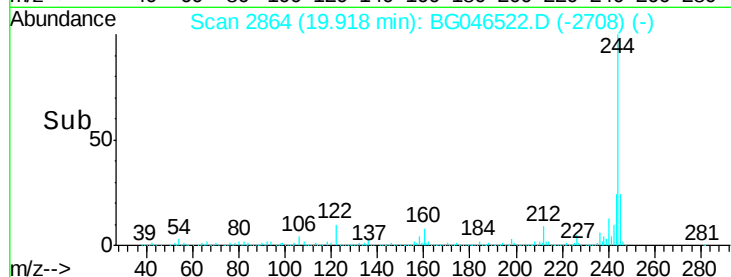
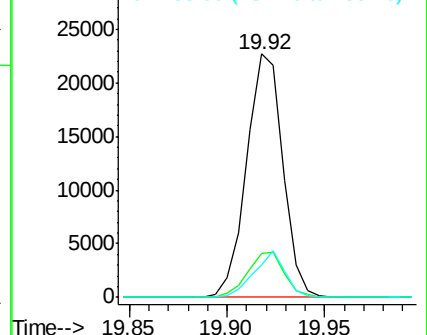
183 13.1 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 77.110 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046522.D

Acq: 3 Sep 2020 18:49

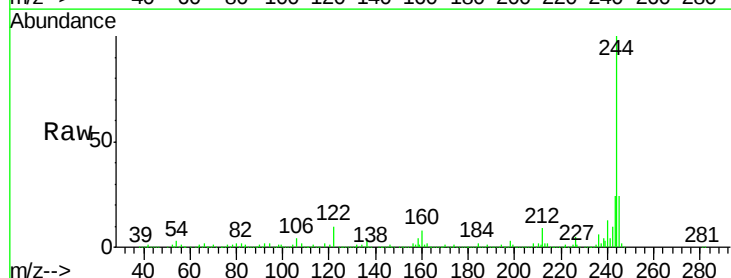
Tgt Ion:244 Resp: 1823188

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

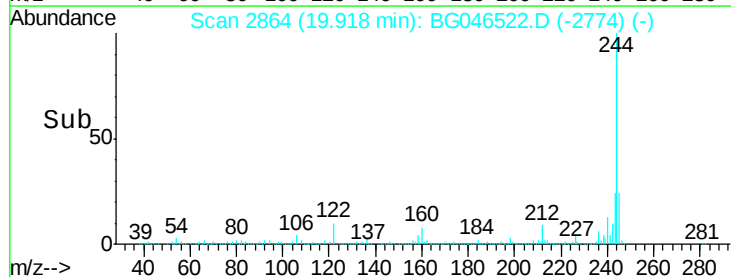
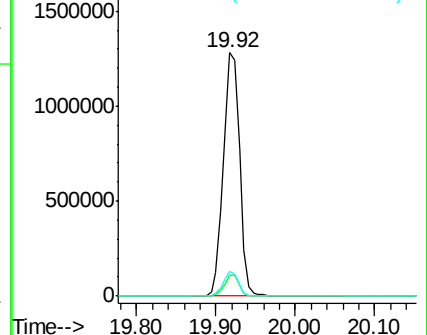
122 10.3 8.2 12.4

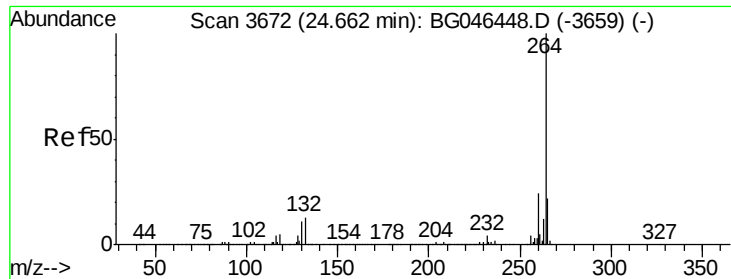


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046522.D
Acq: 3 Sep 2020 18:49

Instrument :
BNA_G
ClientSampleId :
TR-05-090220

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.3	17.9	26.9

