

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG091720\
 Data File : BG046667.D
 Acq On : 17 Sep 2020 19:11
 Operator : CG/JU
 Sample : L4021-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Sep 17 19:46:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

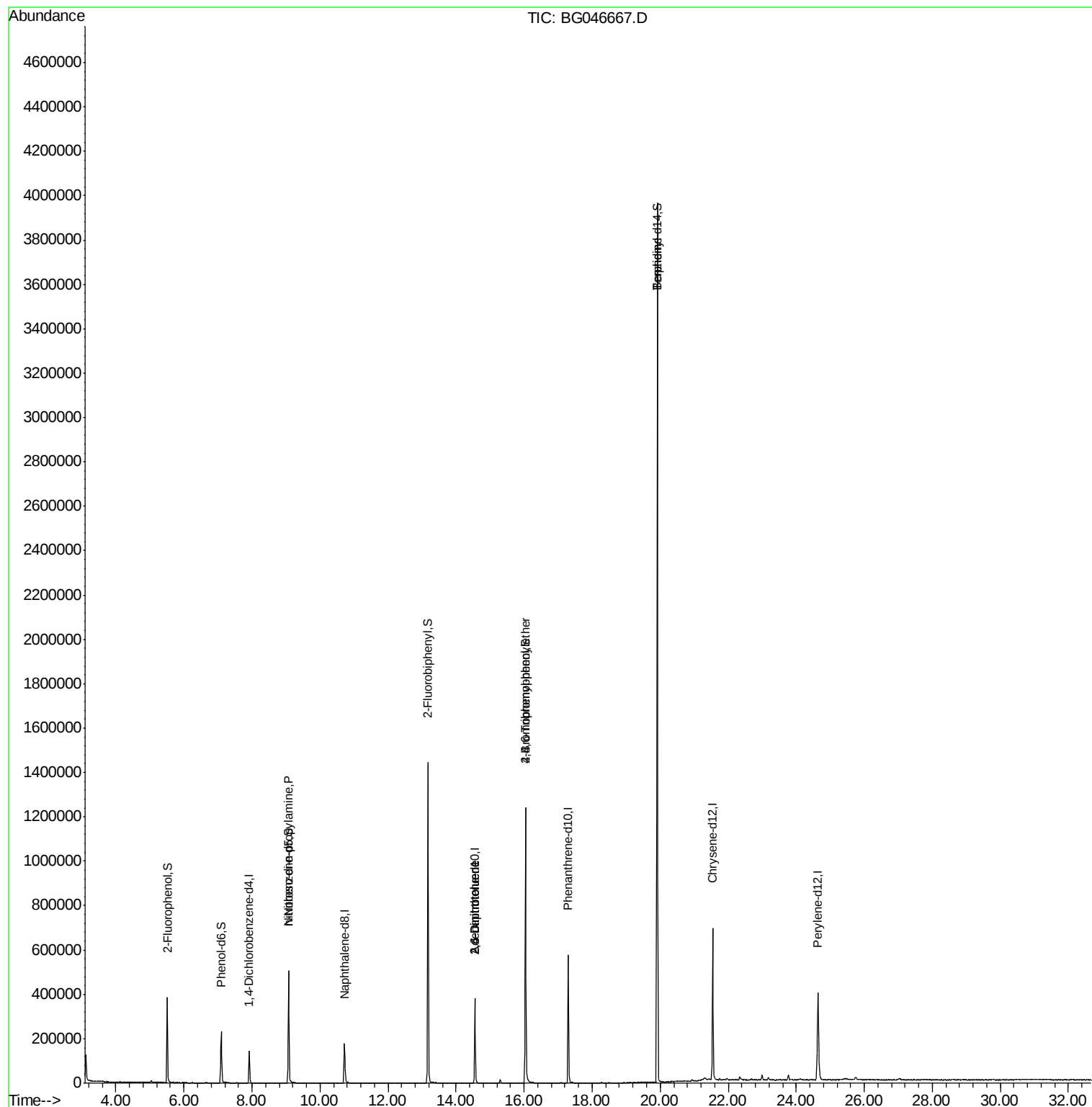
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	46838	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	196041	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	146748	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	402536	20.00	ng	0.00
76) Chrysene-d12	21.54	240	440777	20.00	ng	0.00
86) Perylene-d12	24.64	264	431720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	189095	71.51	ng	0.00
7) Phenol-d6	7.10	99	163506	43.62	ng	0.00
23) Nitrobenzene-d5	9.08	82	334029	97.39	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	276625	139.12	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	862280	89.70	ng	0.00
79) Terphenyl-d14	19.91	244	1858879	89.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	42463	18.937	ng	# 73
51) 2,6-Dinitrotoluene	14.55	165	19030	7.604	ng	# 33
57) 2,4-Dinitrotoluene	14.55	165	19030	5.333	ng	# 32
67) 4-Bromophenyl-phenylether	16.04	248	20679	4.403	ng	# 1
77) Benzidine	19.91	184	29538	2.884	ng	96

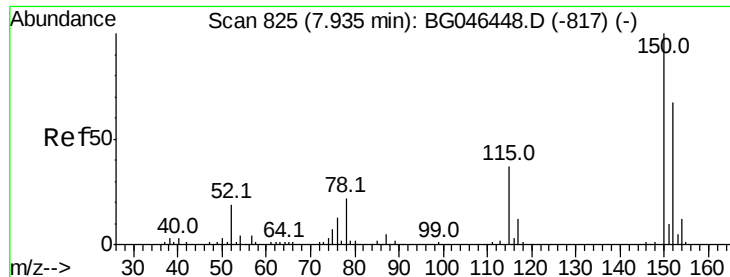
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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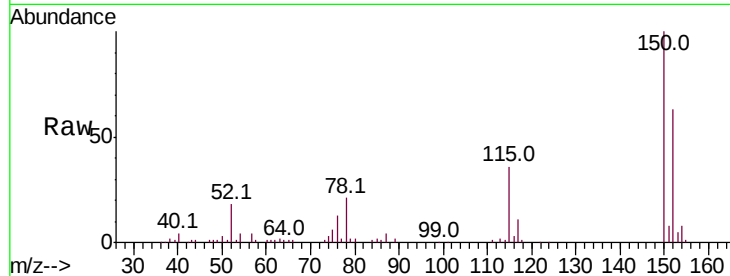


#1

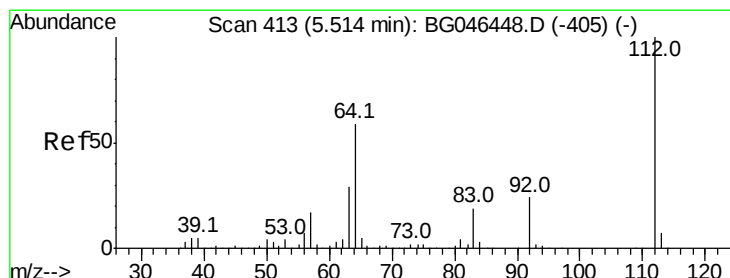
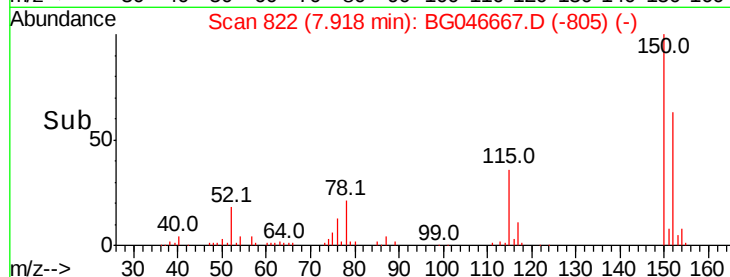
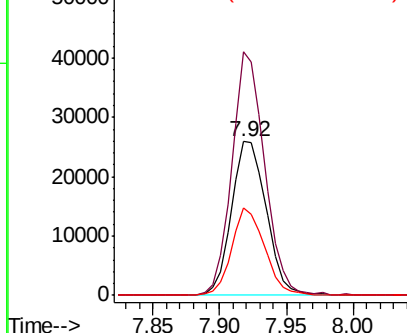
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG046667.D
Acq: 17 Sep 2020 19:11

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tot Ion:152 Resp: 46838
Ion Ratio Lower Upper
152 100
150 158.2 125.0 187.6
115 57.1 41.8 62.6



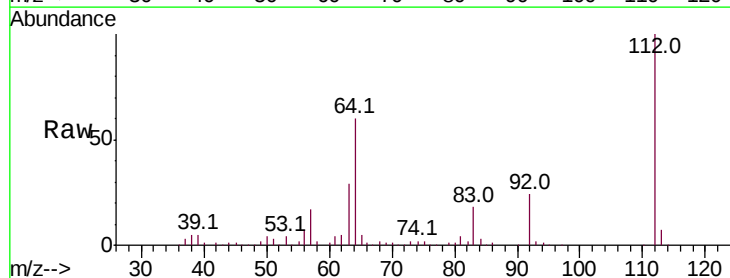
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



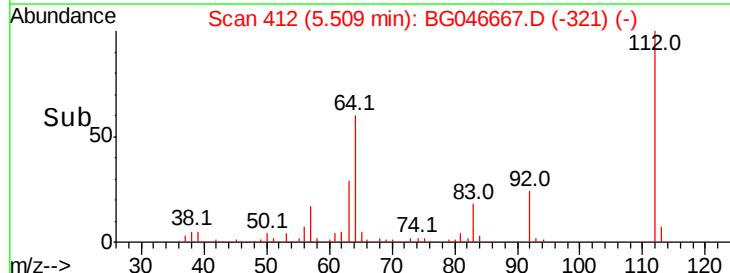
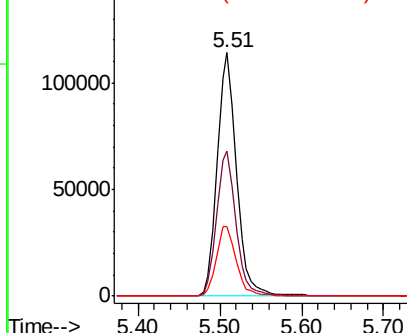
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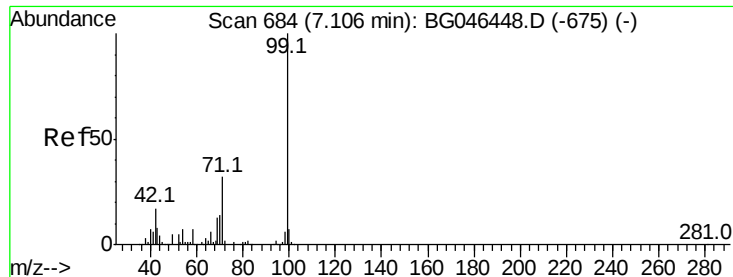
2-Fluorophenol
Concen: 71.507 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG046667.D
Acq: 17 Sep 2020 19:11

Tgt Ion:112 Resp: 189095
Ion Ratio Lower Upper
112 100
64 59.7 46.7 70.1
63 28.8 22.8 34.2



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: 43.616 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046667.D

Acq: 17 Sep 2020 19:11

Instrument :

BNA_G

ClientSampled :

FIELD-BLANK

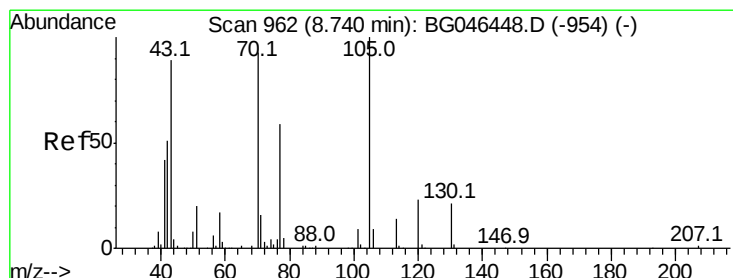
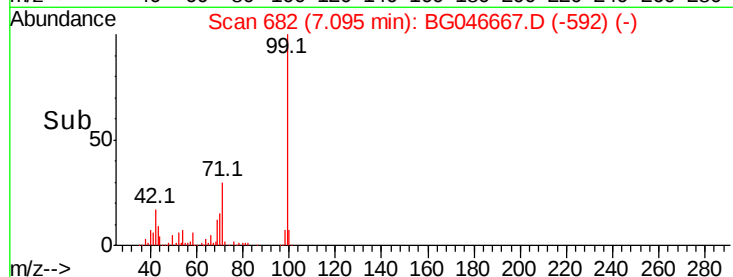
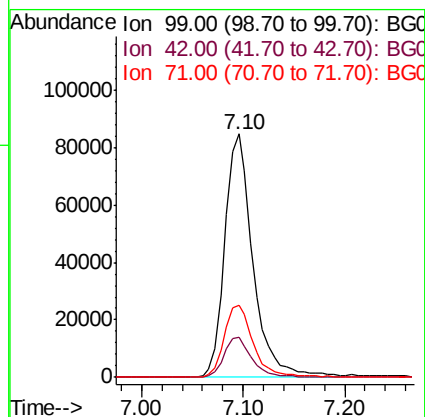
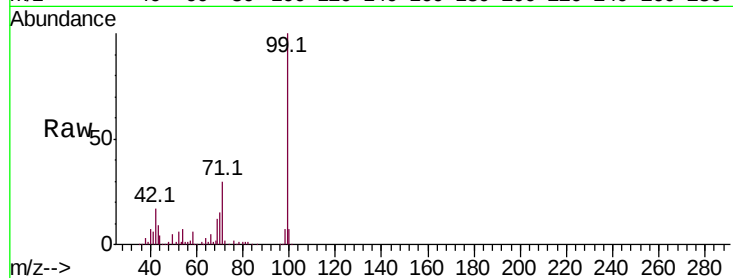
Tot Ion: 99 Resp: 163506

Ion Ratio Lower Upper

99 100

42 16.6 12.8 19.2

71 29.7 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 18.937 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG046667.D

Acq: 17 Sep 2020 19:11

Tgt Ion: 70 Resp: 42463

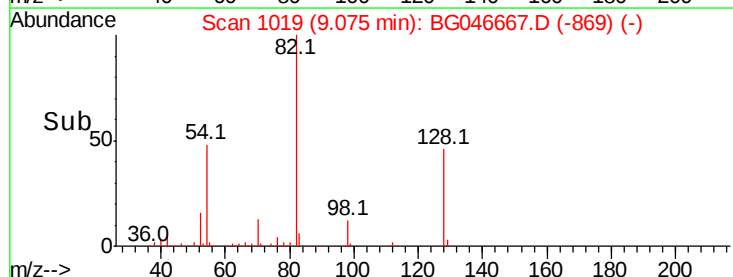
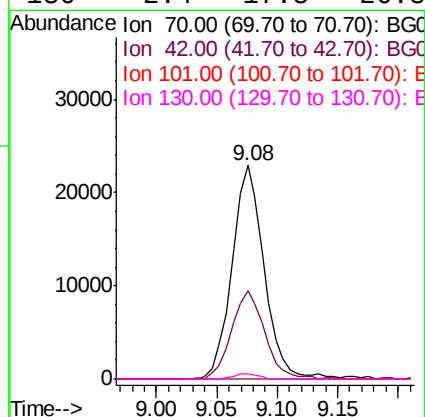
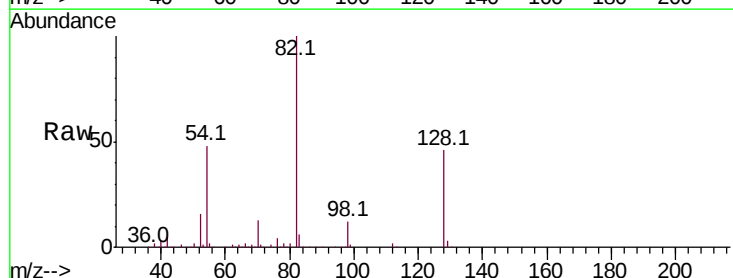
Ion Ratio Lower Upper

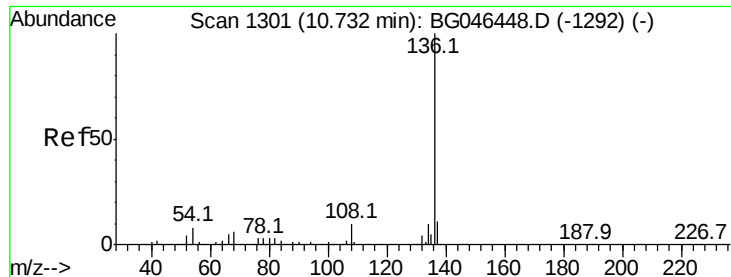
70 100

42 41.4 45.6 68.4#

101 0.0 8.4 12.6#

130 2.4 17.8 26.8#

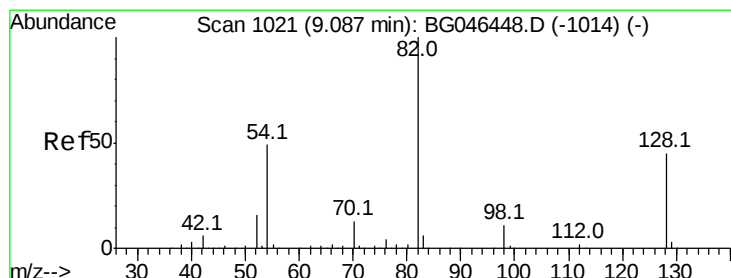
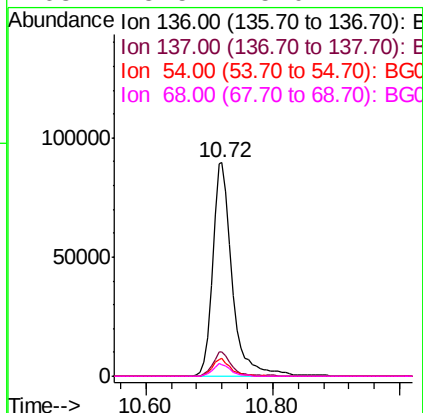
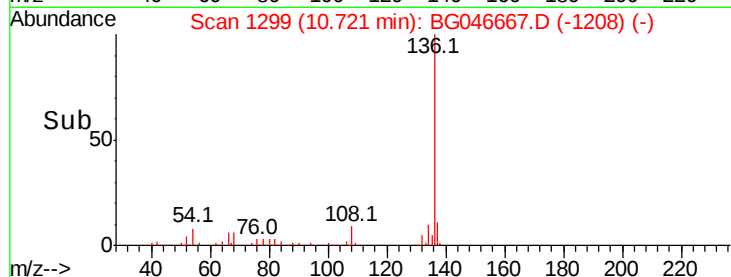
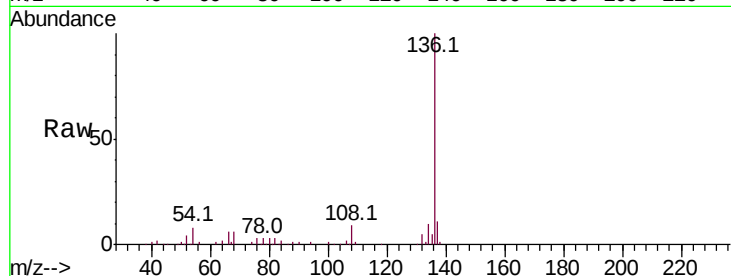




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG046667.D
Acq: 17 Sep 2020 19:11

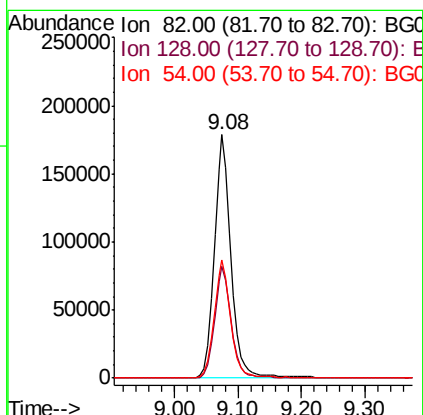
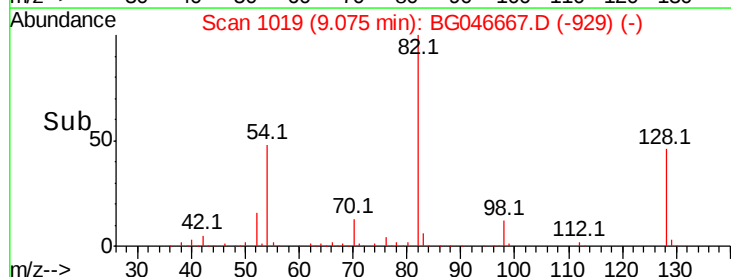
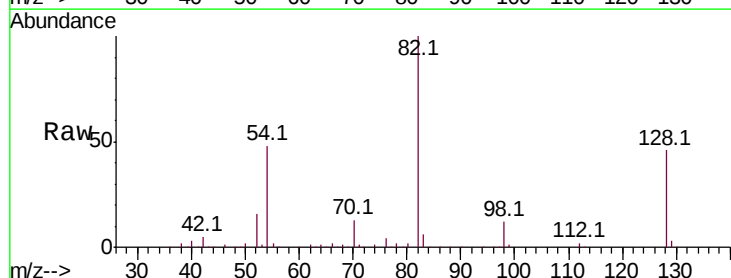
Instrument :
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ClientSampleId :
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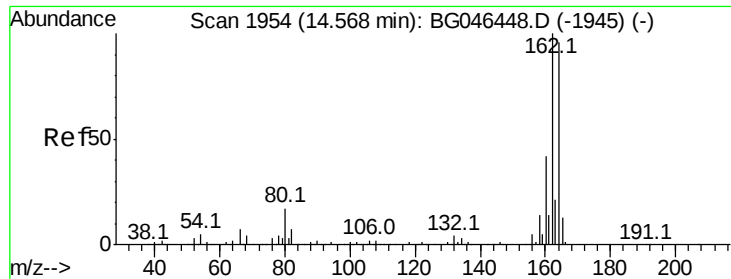
Tot Ion:136	Resp:	196041
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	8.2	6.2 9.4
68	5.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 97.385 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046667.D
Acq: 17 Sep 2020 19:11

Tgt Ion: 82	Resp:	334029
Ion	Ratio	Lower Upper
82	100	
128	45.7	37.0 55.6
54	48.5	39.0 58.4

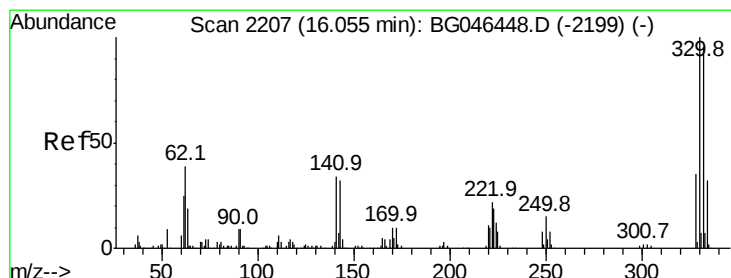
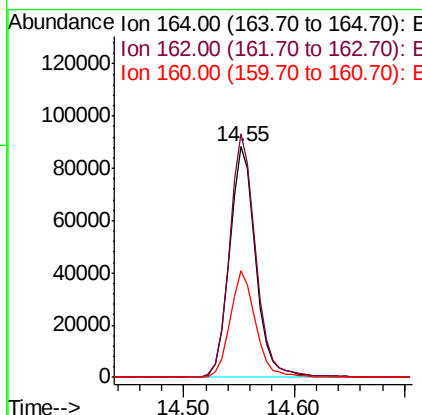
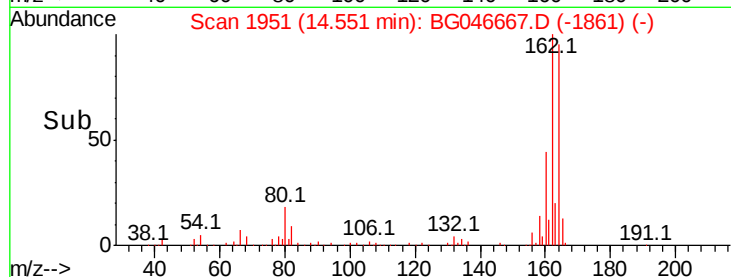
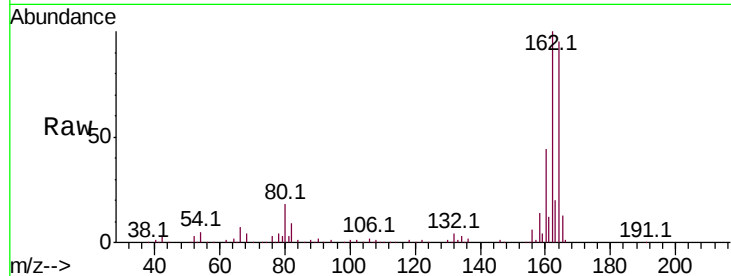




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG046667.D
Acq: 17 Sep 2020 19:11

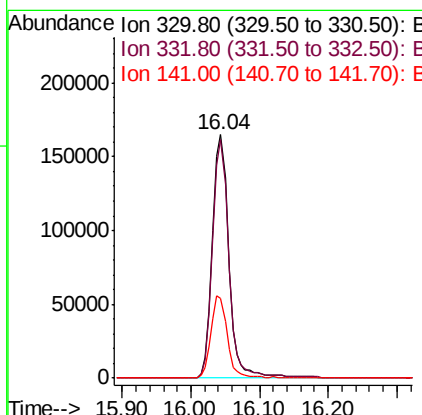
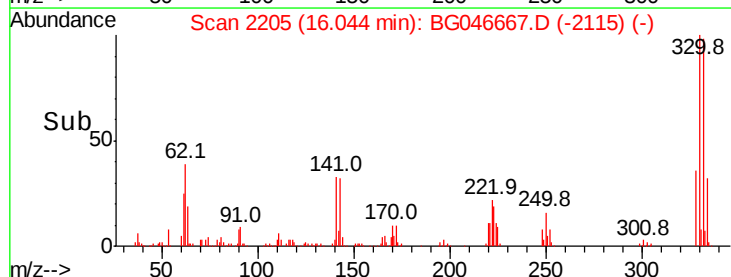
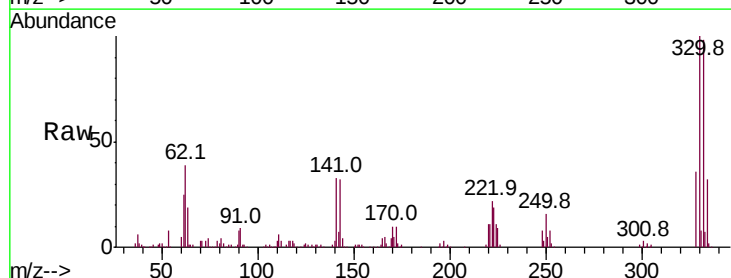
Instrument :
BNA_G
ClientSampleId :
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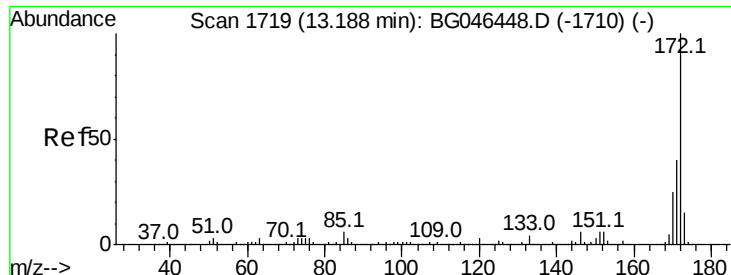
Tot Ion:164 Resp: 146748
Ion Ratio Lower Upper
164 100
162 105.6 82.3 123.5
160 46.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 139.124 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG046667.D
Acq: 17 Sep 2020 19:11

Tgt Ion:330 Resp: 276625
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 33.9 26.0 39.0

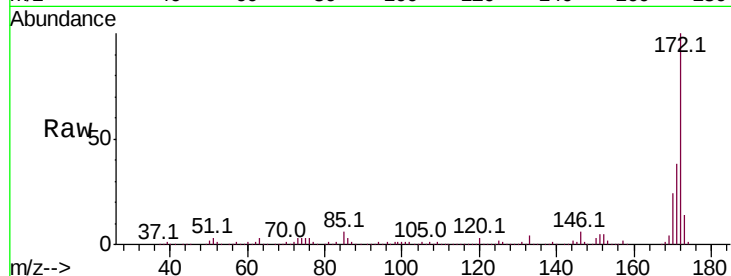




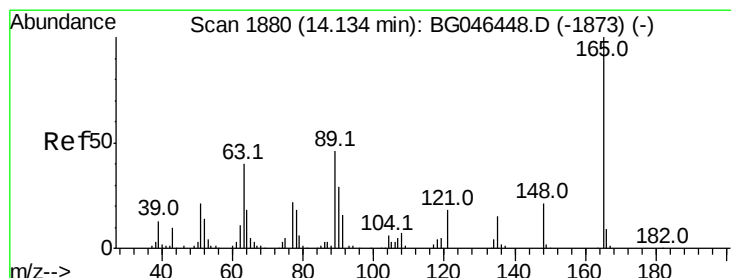
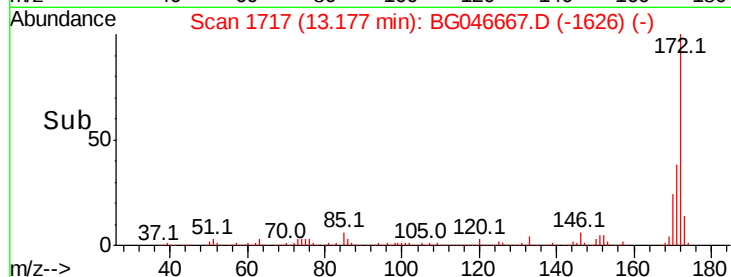
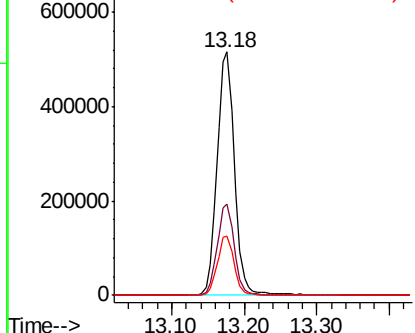
#45
 2-Fluorobiphenyl
 Concen: 89.700 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG046667.D
 Acq: 17 Sep 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion:172 Resp: 862280
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 24.4 20.8 31.2

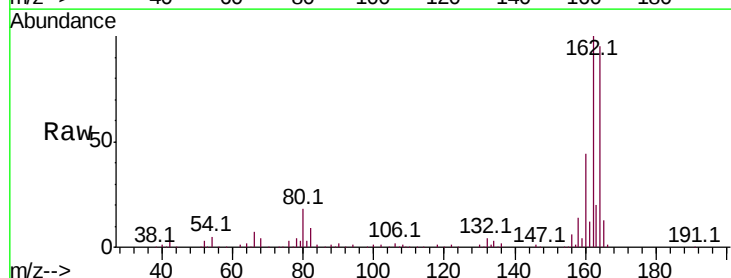


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

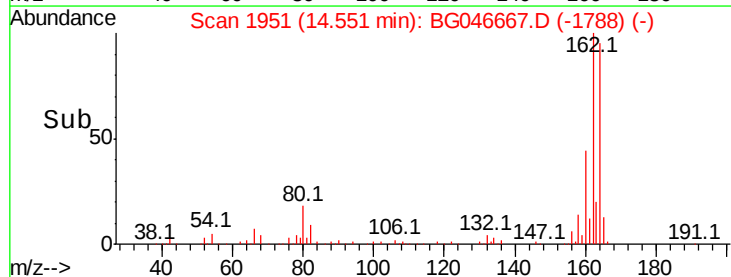
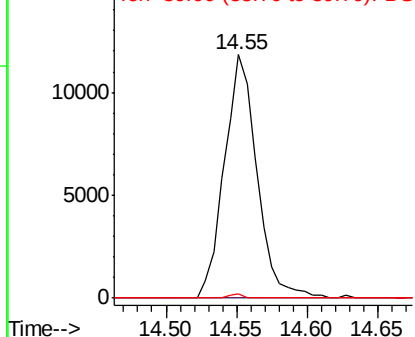


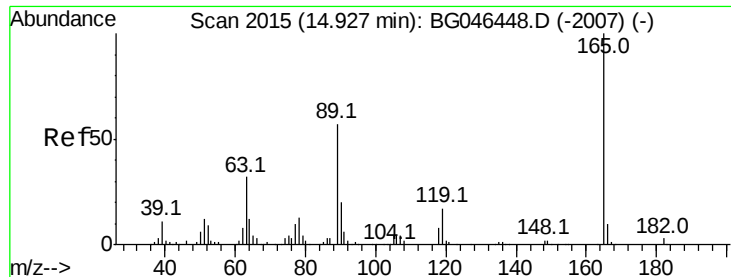
#51
 2,6-Dinitrotoluene
 Concen: 7.604 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.43 min
 Lab File: BG046667.D
 Acq: 17 Sep 2020 19:11

Tgt Ion:165 Resp: 19030
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.7 50.5#
 89 1.8 36.6 54.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

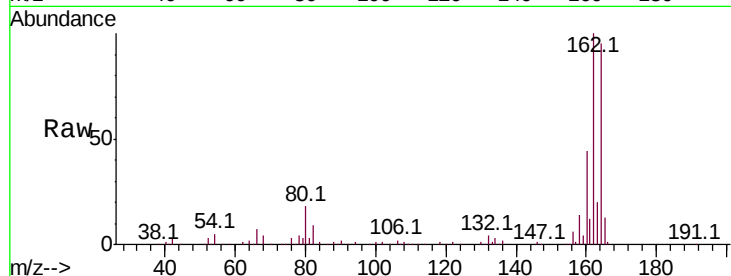




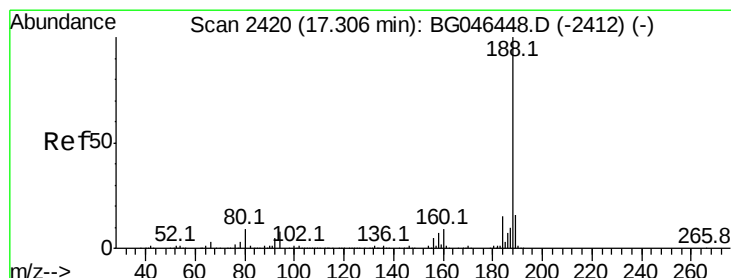
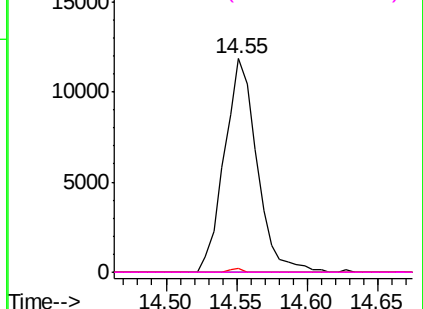
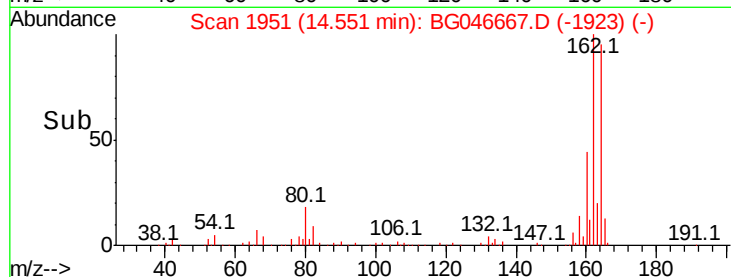
#57
 2,4-Dinitrotoluene
 Concen: 5.333 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046667.D
 Acq: 17 Sep 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion:165	Resp:	19030
Ion Ratio	Lower	Upper
165	100	
63	0.0	26.4
89	1.8	47.8
182	0.0	2.6

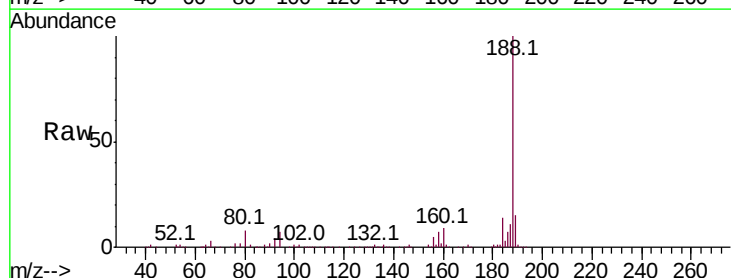


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

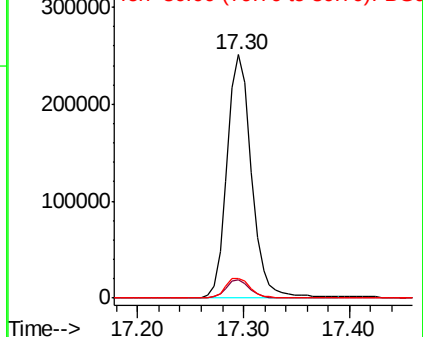
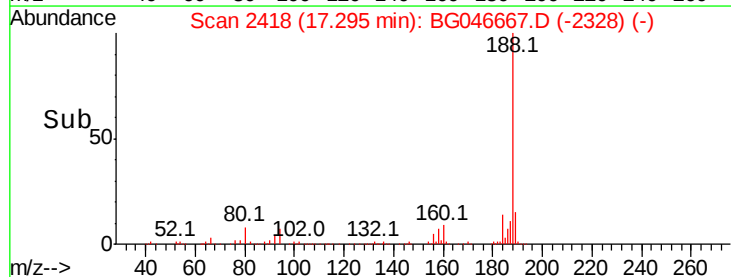


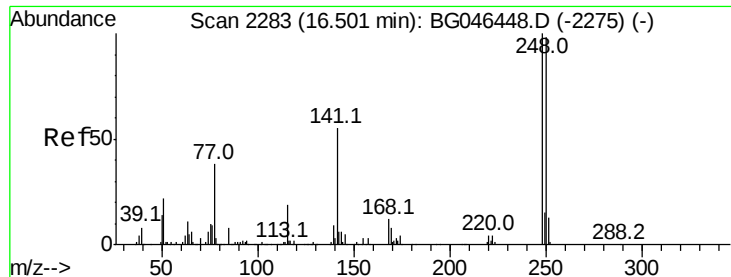
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG046667.D
 Acq: 17 Sep 2020 19:11

Tgt Ion:188	Resp:	402536
Ion Ratio	Lower	Upper
188	100	
94	7.5	6.3
80	8.2	7.0



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

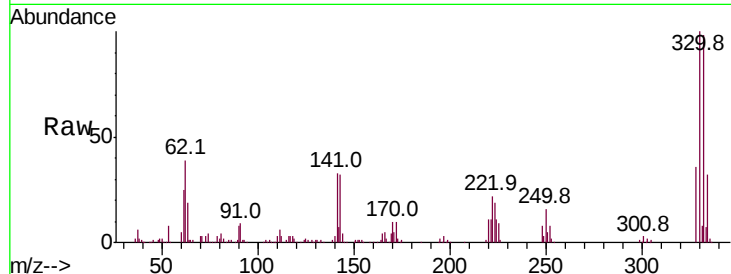




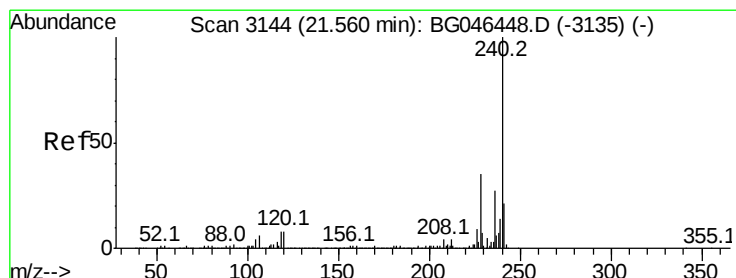
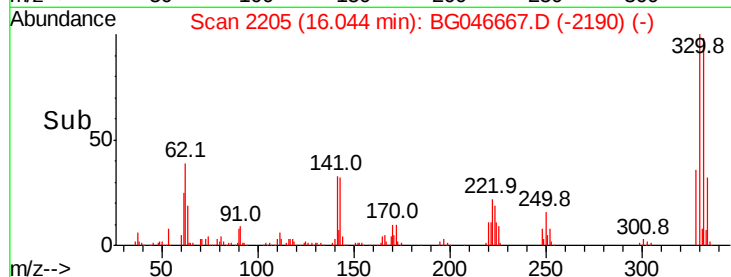
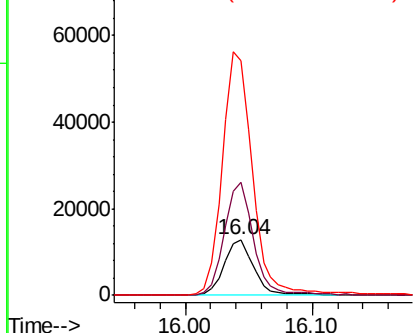
#67
4-Bromophenyl-phenylether
Concen: 4.403 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.44 min
Lab File: BG046667.D
Acq: 17 Sep 2020 19:11

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tot Ion:248 Resp: 20679
Ion Ratio Lower Upper
248 100
250 204.9 78.9 118.3#
141 424.1 46.2 69.4#

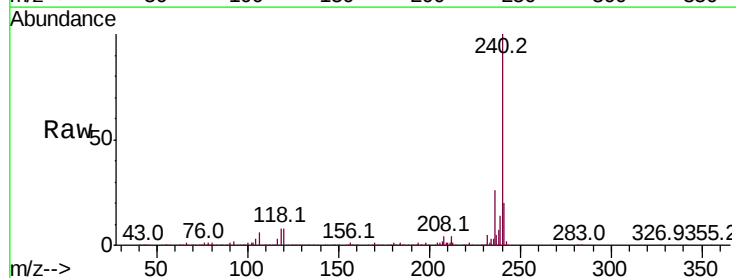


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

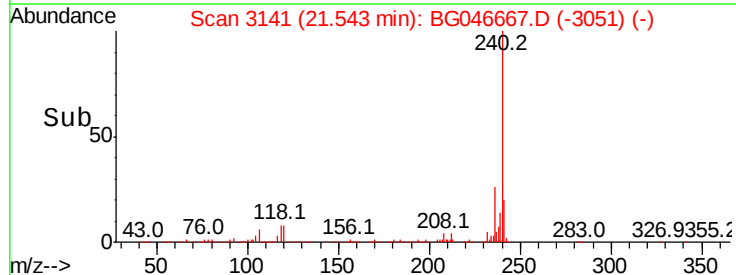
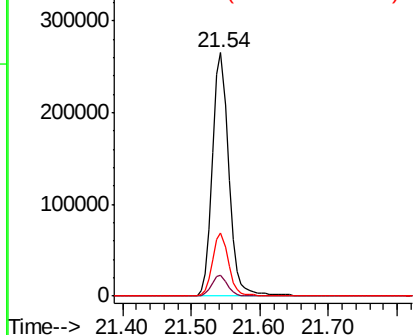


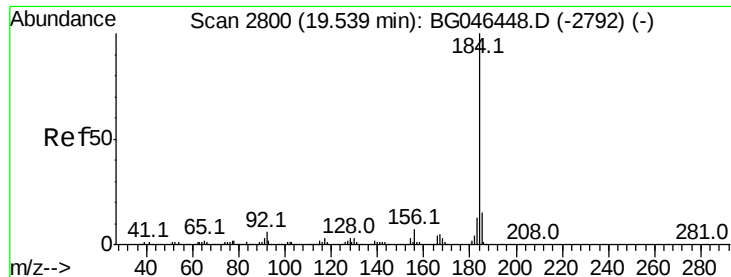
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046667.D
Acq: 17 Sep 2020 19:11

Tgt Ion:240 Resp: 440777
Ion Ratio Lower Upper
240 100
120 8.5 6.2 9.4
236 25.9 20.5 30.7



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: 2.884 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.38 min

Lab File: BG046667.D

Acq: 17 Sep 2020 19:11

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

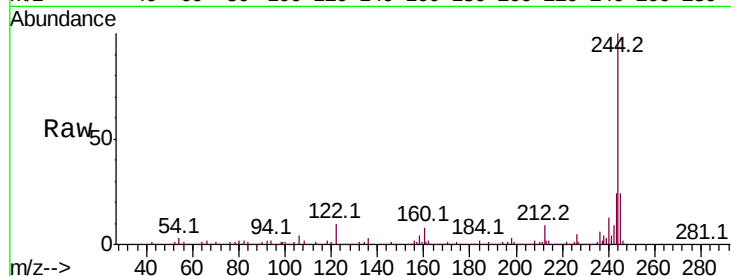
Tot Ion:184 Resp: 29538

Ion Ratio Lower Upper

184 100

185 17.9 12.4 18.6

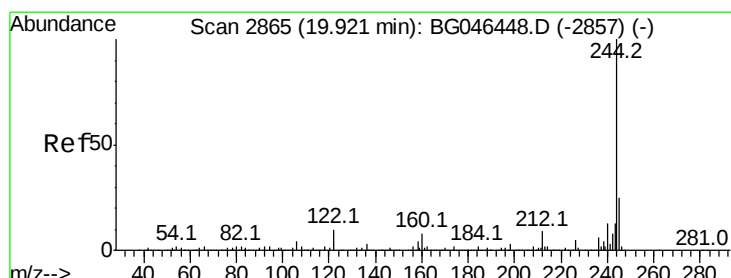
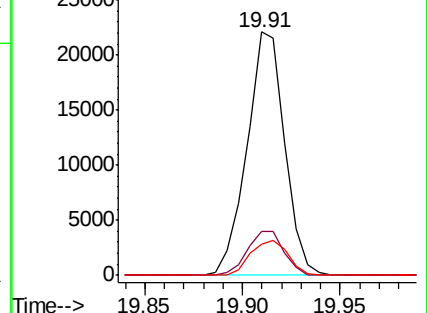
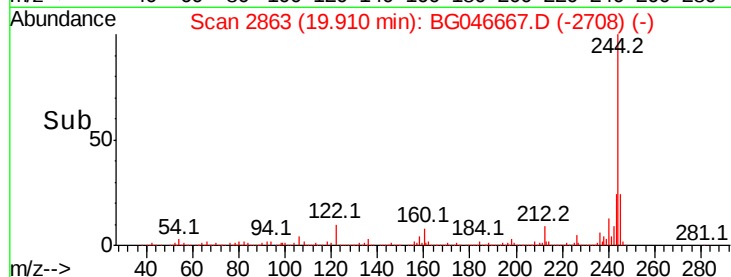
183 12.7 10.6 15.8



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: 89.751 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046667.D

Acq: 17 Sep 2020 19:11

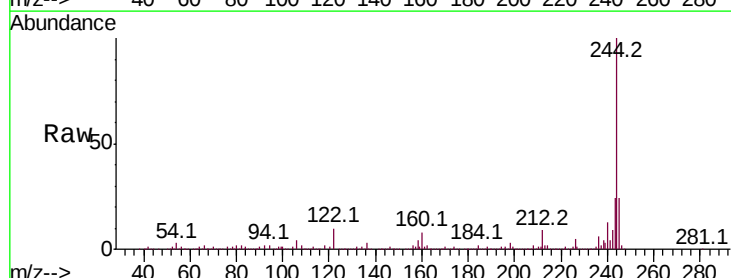
Tgt Ion:244 Resp: 1858879

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

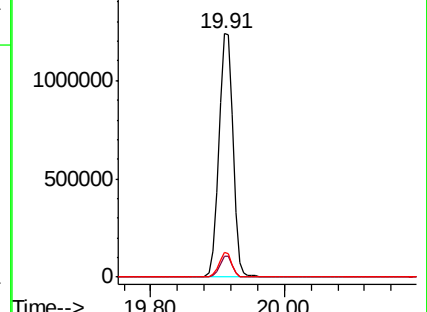
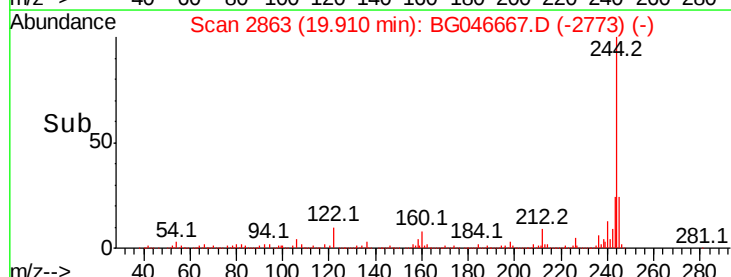
122 10.3 7.8 11.6

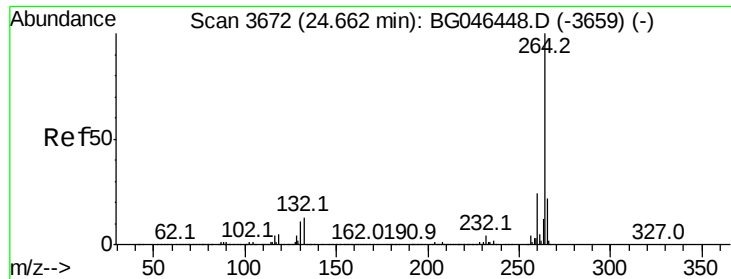


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.64 min Scan# 3668
 Delta R.T. -0.00 min
 Lab File: BG046667.D
 Acq: 17 Sep 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.6	17.8	26.8

