

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
 Data File : BG048621.D
 Acq On : 7 Apr 2021 17:40
 Operator : CG/JU
 Sample : M1934-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Apr 07 18:46:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

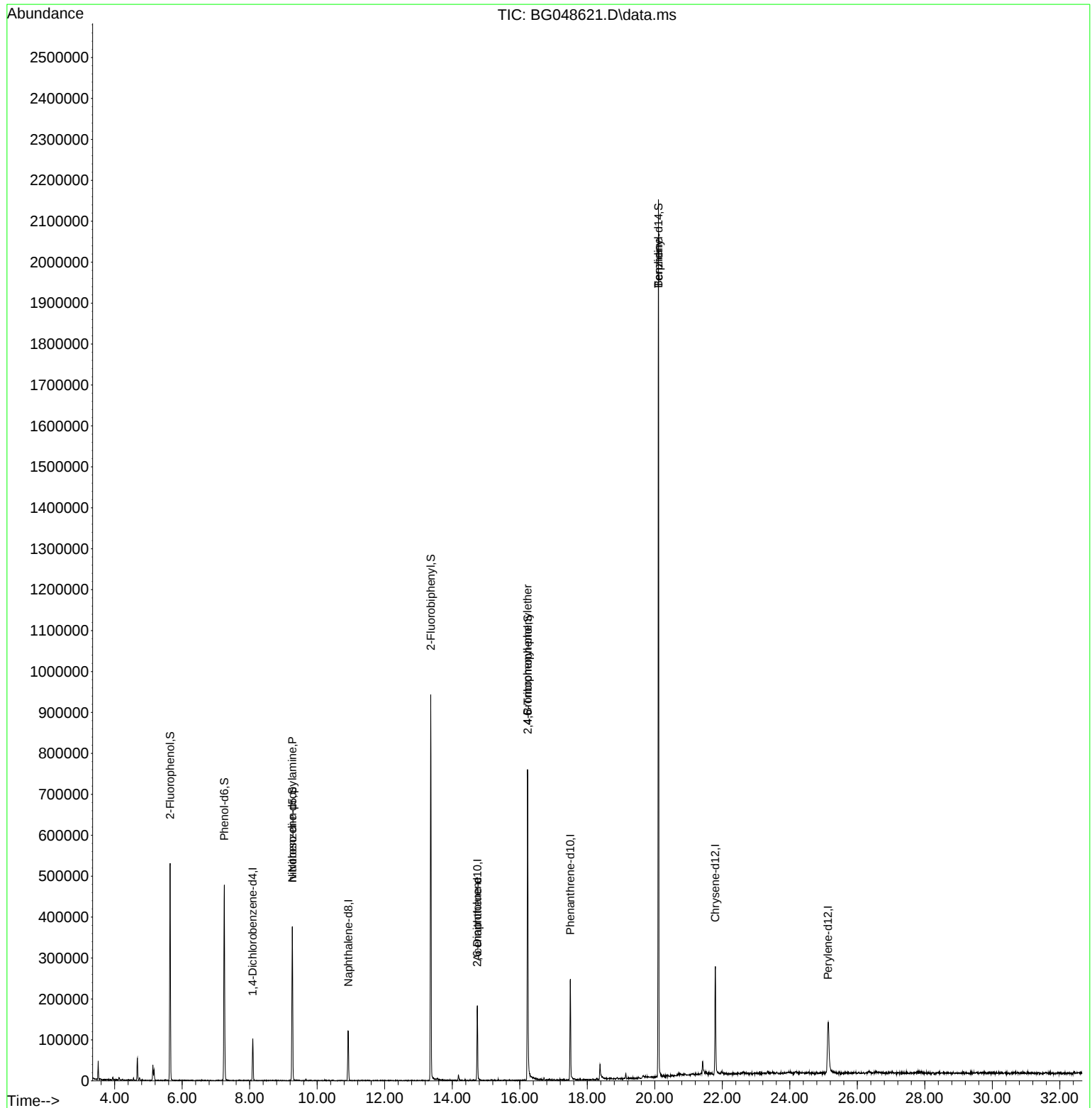
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	26943	20.00	ng	#-0.01
21) Naphthalene-d8	10.920	136	102907	20.00	ng	0.00
39) Acenaphthene-d10	14.745	164	66151	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	169740	20.00	ng	0.00
76) Chrysene-d12	21.795	240	179947	20.00	ng	# 0.00
86) Perylene-d12	25.133	264	163640	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	220339	144.38	ng	0.00
7) Phenol-d6	7.248	99	245762	111.04	ng	0.00
23) Nitrobenzene-d5	9.263	82	217428	102.29	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	148961	171.30	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	489867	110.07	ng	0.00
79) Terphenyl-d14	20.109	244	984565	100.06	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.263	70	35519	23.28	ng	# 68
51) 2,6-Dinitrotoluene	14.739	165	9009	8.02	ng	# 22
67) 4-Bromophenyl-phenylether	16.231	248	10462	5.56	ng	# 1
77) Benzidine	20.109	184	17867	2.93	ng	97

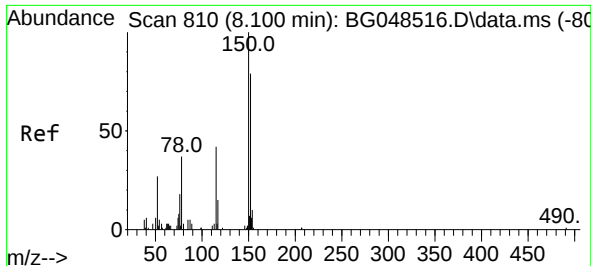
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

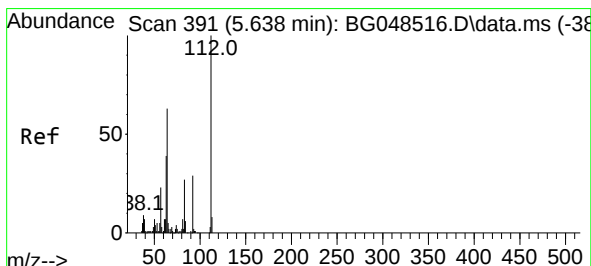
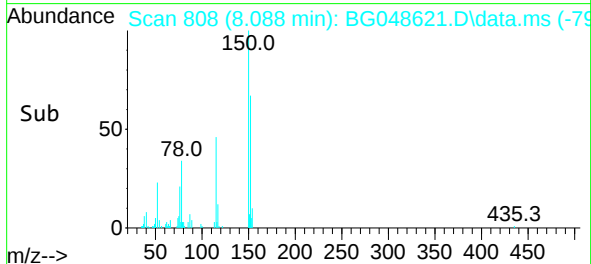
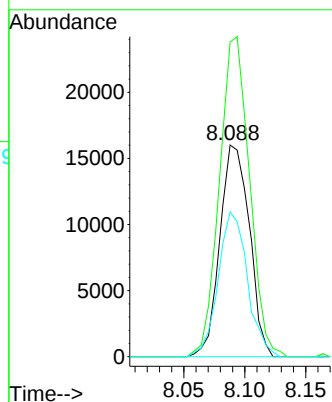
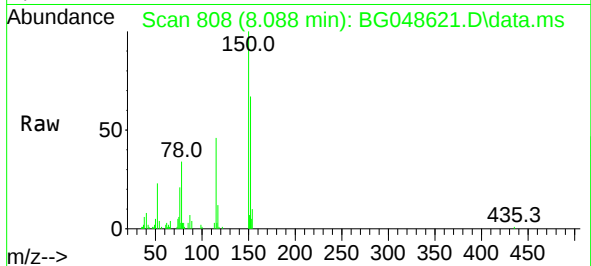




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.088 min Scan# 808
Delta R.T. -0.012 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

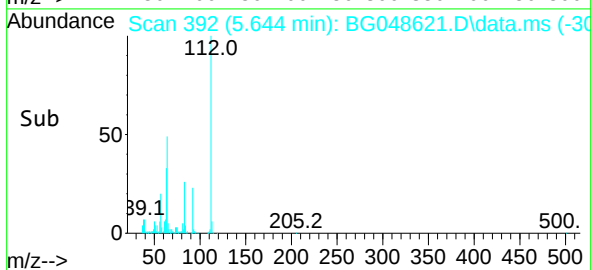
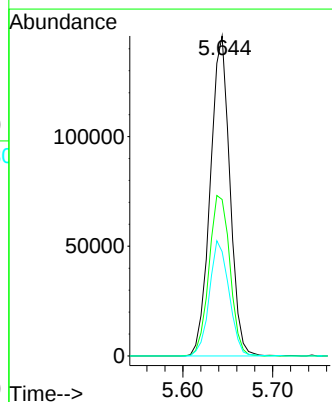
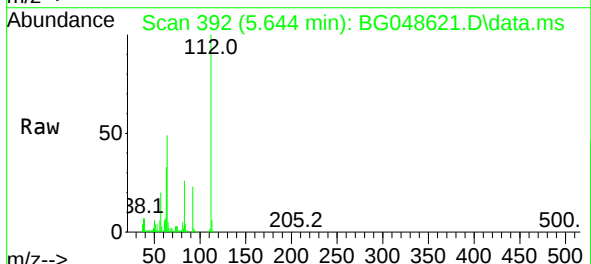
Instrument :
BNA_G
ClientSampleId :
TP-2

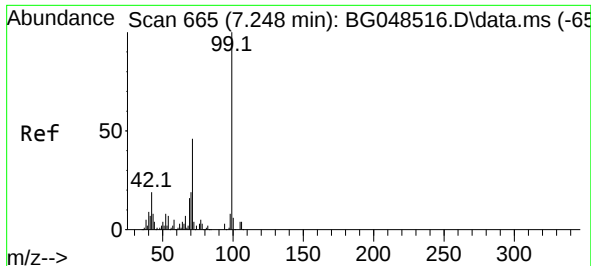
Tgt Ion:152 Resp: 26943
Ion Ratio Lower Upper
152 100
150 148.5 101.3 151.9
115 68.4 42.3 63.5#



#5
2-Fluorophenol
Concen: 144.38 ng
RT: 5.644 min Scan# 392
Delta R.T. 0.005 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

Tgt Ion:112 Resp: 220339
Ion Ratio Lower Upper
112 100
64 48.9 50.4 75.6#
63 32.6 31.4 47.2

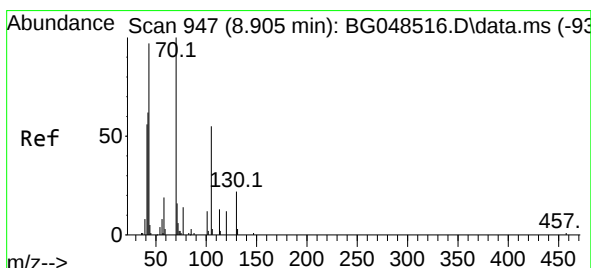
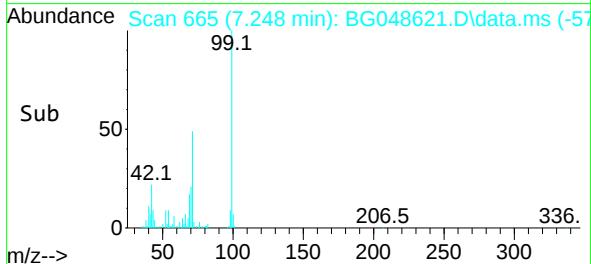
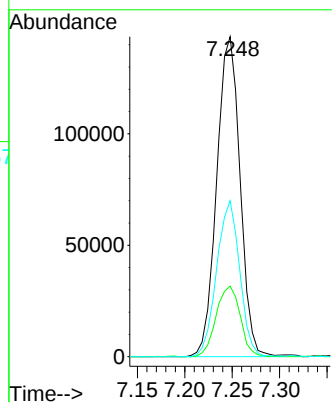
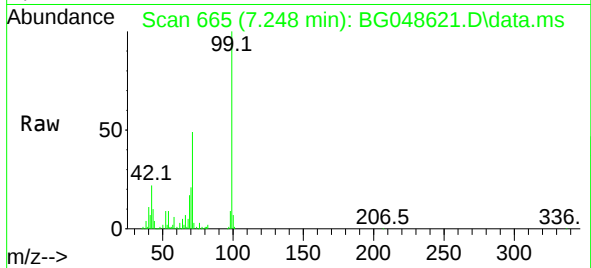




#7
Phenol-d6
Concen: 111.04 ng
RT: 7.248 min Scan# 665
Delta R.T. -0.000 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

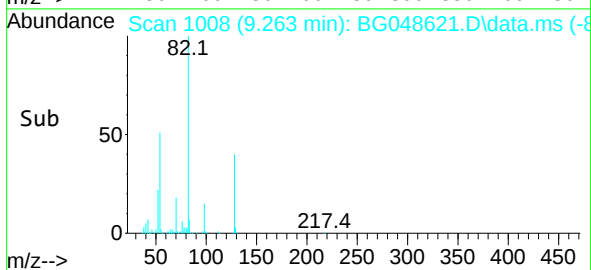
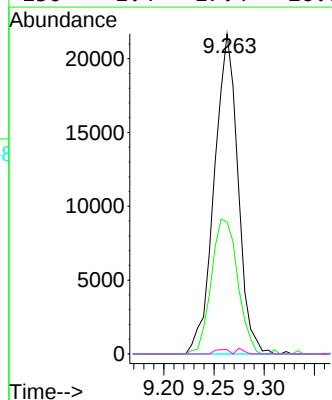
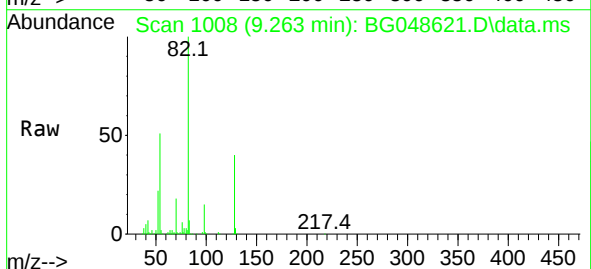
Instrument :
BNA_G
ClientSampleId :
TP-2

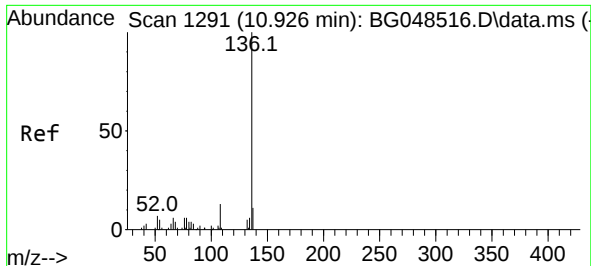
Tgt Ion: 99 Resp: 245762
Ion Ratio Lower Upper
99 100
42 22.1 15.5 23.3
71 48.7 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 23.28 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.358 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

Tgt Ion: 70 Resp: 35519
Ion Ratio Lower Upper
70 100
42 41.2 50.8 76.2#
101 0.0 9.7 14.5#
130 1.4 17.4 26.0#

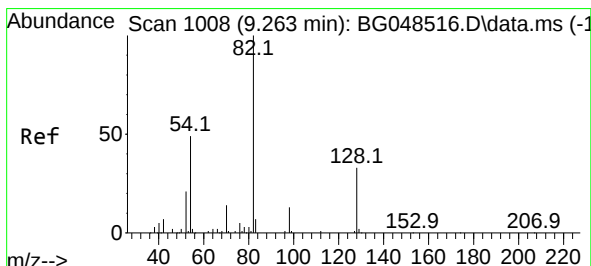
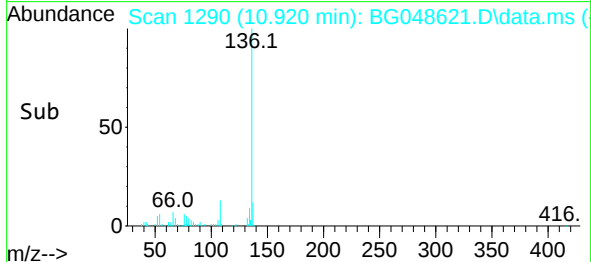
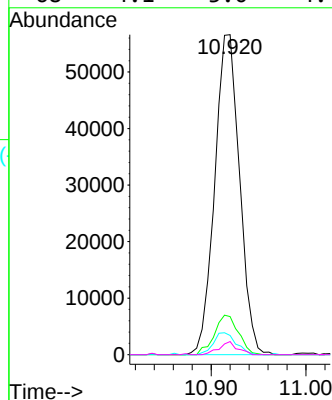
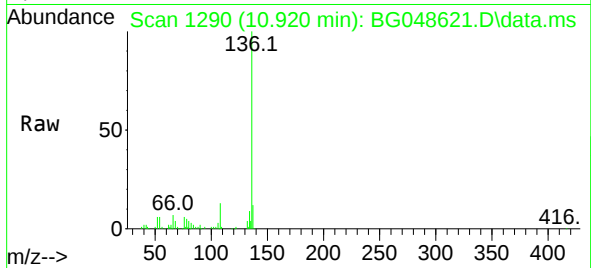




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

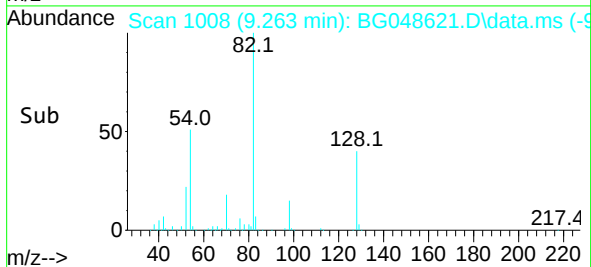
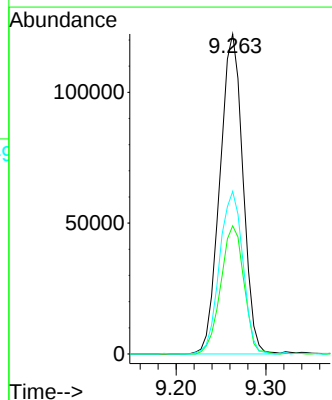
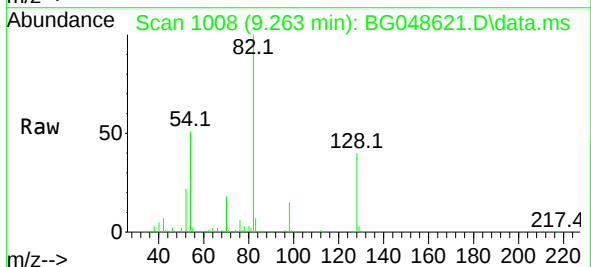
Instrument :
BNA_G
ClientSampleId :
TP-2

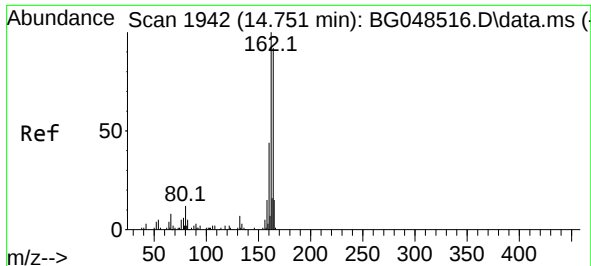
Tgt Ion:	136	Resp:	102907
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.6	12.8
54	6.0	4.2	6.4
68	4.1	3.0	4.4



#23
Nitrobenzene-d5
Concen: 102.29 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.001 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

Tgt Ion:	82	Resp:	217428
Ion	Ratio	Lower	Upper
82	100		
128	40.1	26.2	39.4#
54	50.8	38.9	58.3

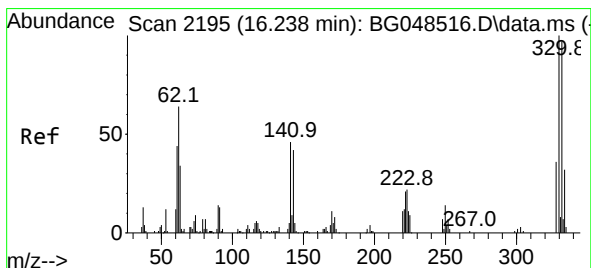
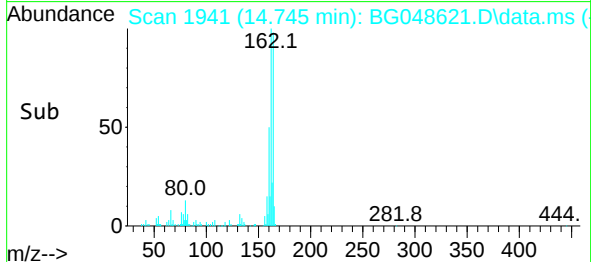
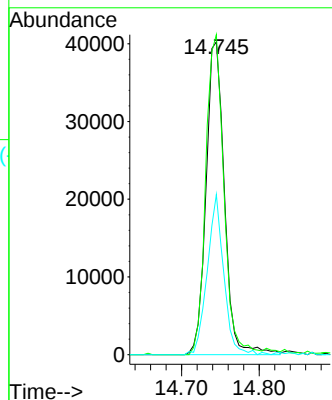
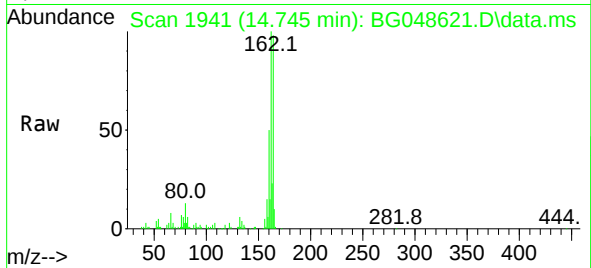




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

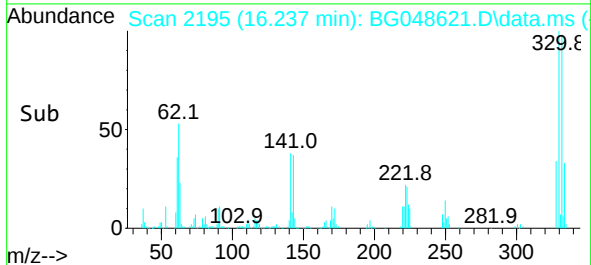
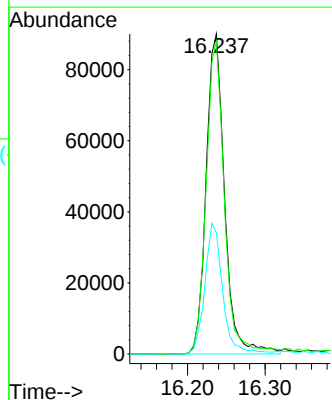
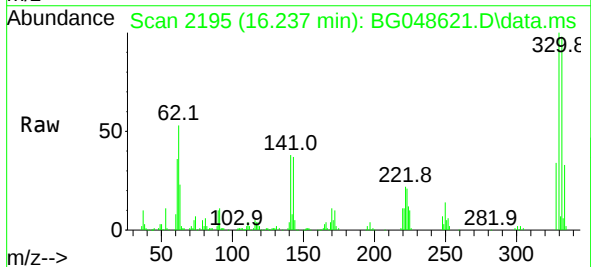
Instrument :
BNA_G
ClientSampleId :
TP-2

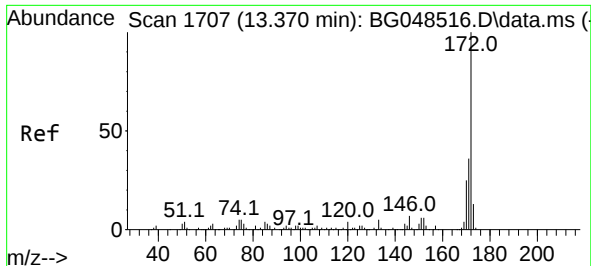
Tgt Ion:164 Resp: 66151
Ion Ratio Lower Upper
164 100
162 102.3 87.0 130.6
160 51.2 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 171.30 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

Tgt Ion:330 Resp: 148961
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 39.5 34.6 52.0

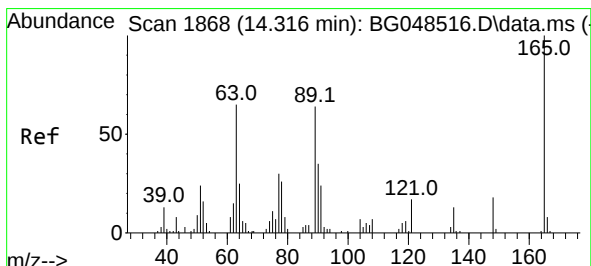
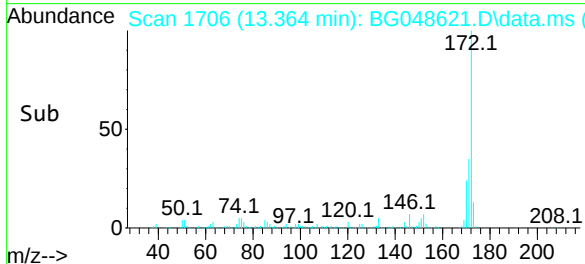
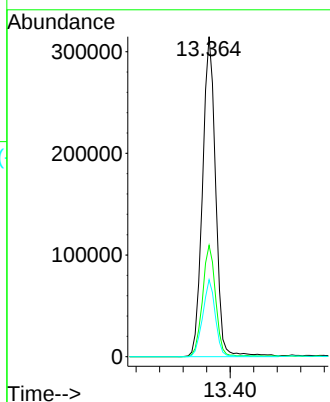
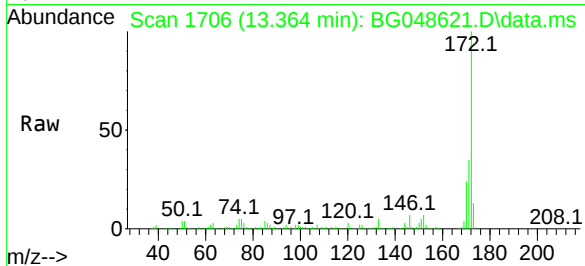




#45
2-Fluorobiphenyl
Concen: 110.07 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

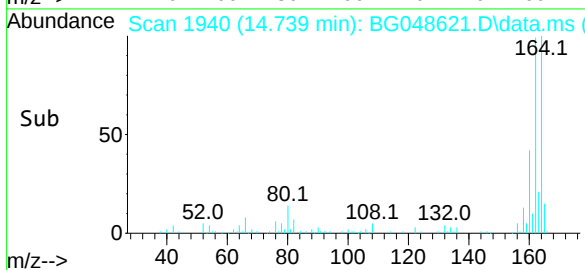
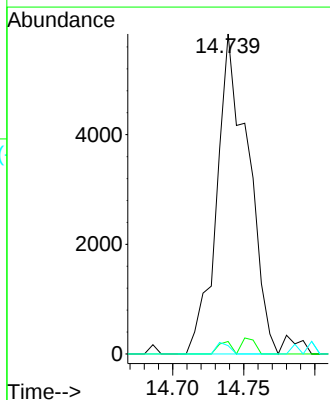
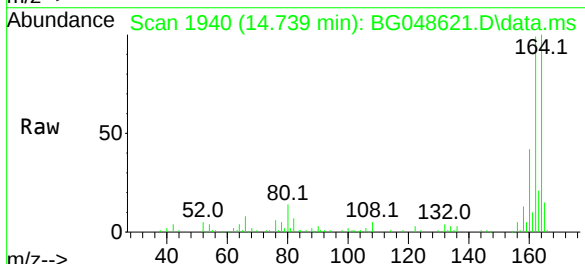
Instrument :
BNA_G
ClientSampleId :
TP-2

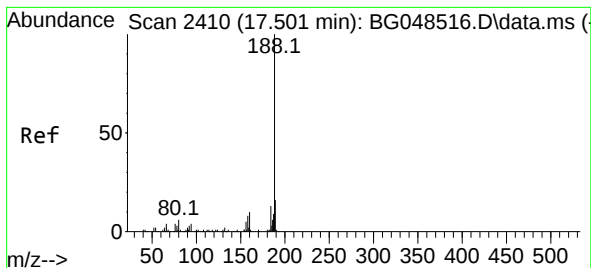
Tgt Ion:172 Resp: 489867
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 24.0 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.02 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

Tgt Ion:165 Resp: 9009
Ion Ratio Lower Upper
165 100
63 3.9 53.8 80.6#
89 2.6 50.8 76.2#

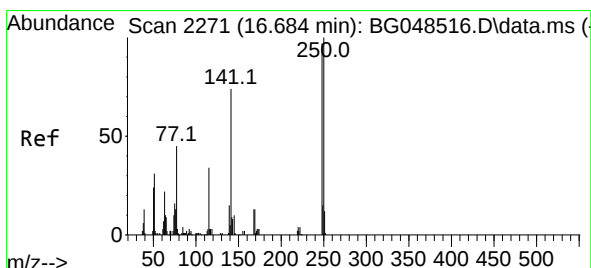
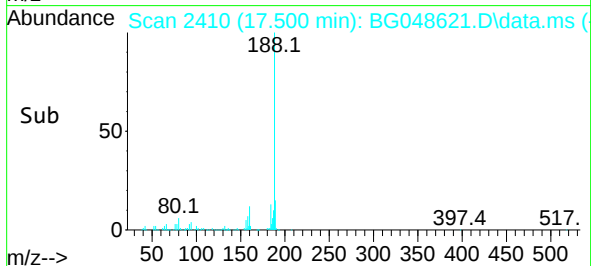
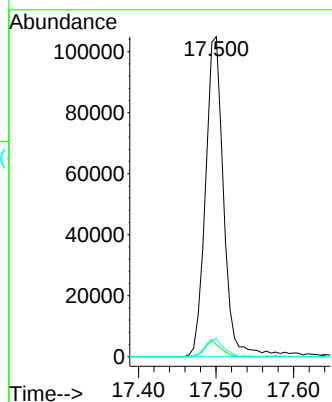
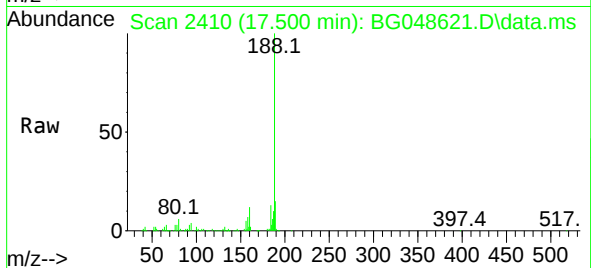




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

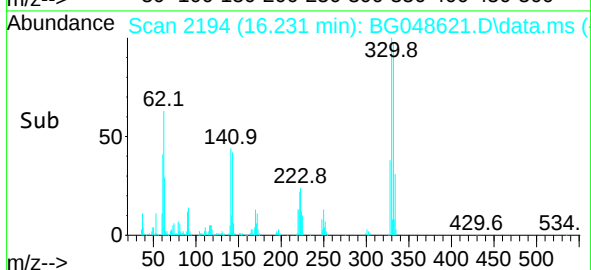
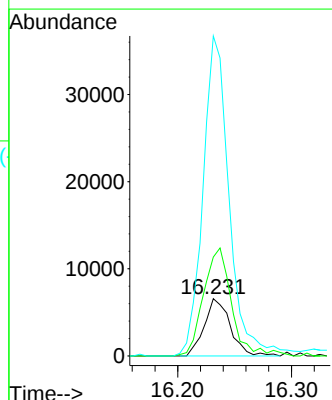
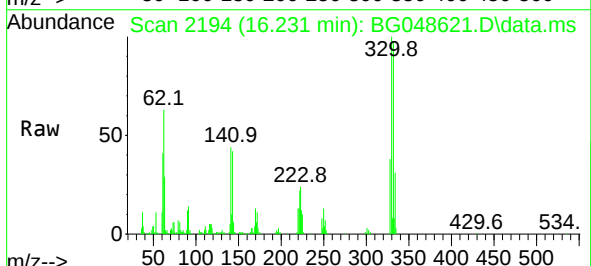
Instrument :
BNA_G
ClientSampled :
TP-2

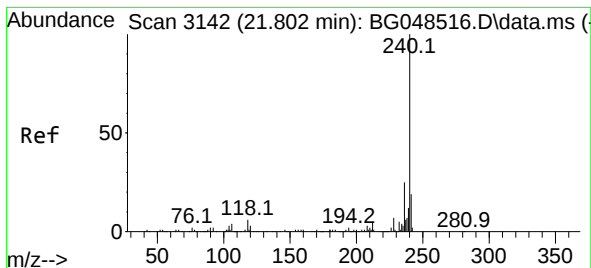
Tgt Ion:188 Resp: 169740
Ion Ratio Lower Upper
188 100
94 3.7 3.0 4.6
80 5.8 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 5.56 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.453 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

Tgt Ion:248 Resp: 10462
Ion Ratio Lower Upper
248 100
250 172.5 82.6 124.0#
141 557.9 61.0 91.6#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.795 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BG048621.D

Acq: 7 Apr 2021 17:40

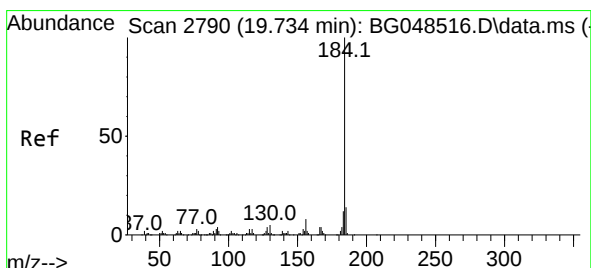
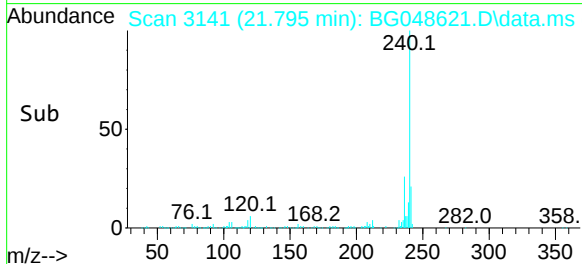
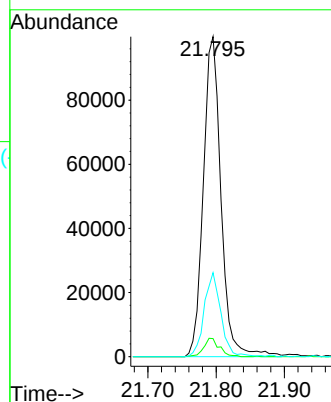
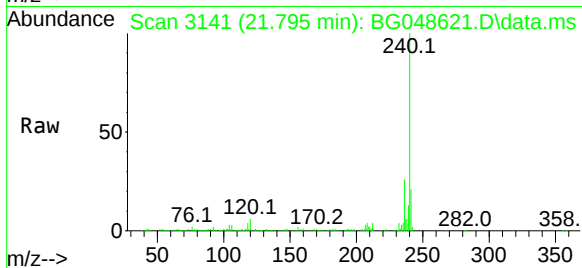
Tgt Ion:240 Resp: 179947

Ion Ratio Lower Upper

240 100

120 5.6 2.6 3.8#

236 26.3 19.8 29.6



#77

Benzidine

Concen: 2.93 ng

RT: 20.109 min Scan# 2854

Delta R.T. 0.376 min

Lab File: BG048621.D

Acq: 7 Apr 2021 17:40

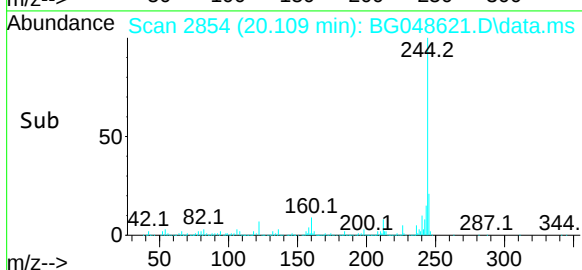
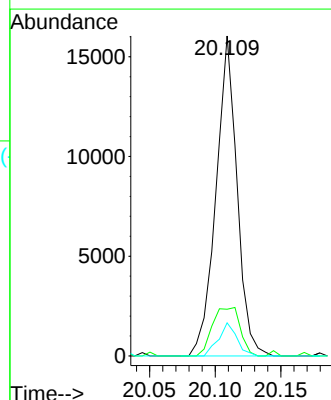
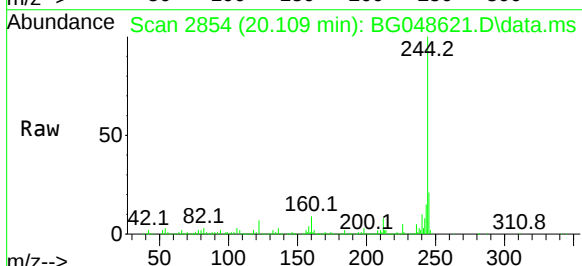
Tgt Ion:184 Resp: 17867

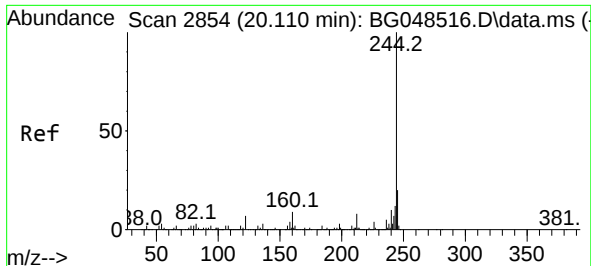
Ion Ratio Lower Upper

184 100

185 14.6 11.0 16.4

183 10.4 9.2 13.8

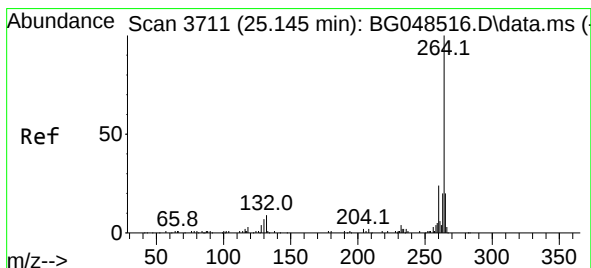
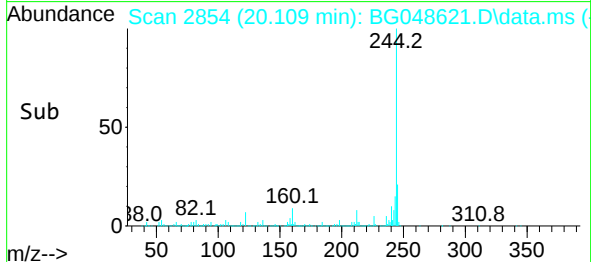
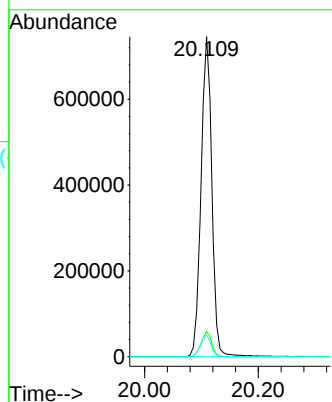
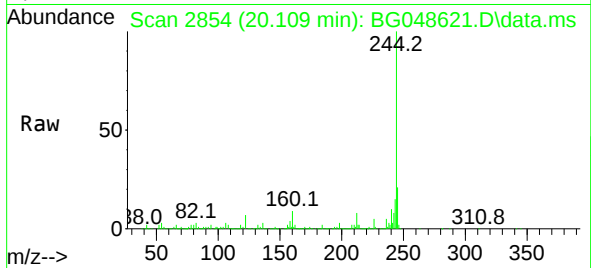




#79
Terphenyl-d14
Concen: 100.06 ng
RT: 20.109 min Scan# 2854
Delta R.T. -0.001 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 984565
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 6.8 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.133 min Scan# 3709
Delta R.T. -0.012 min
Lab File: BG048621.D
Acq: 7 Apr 2021 17:40

Tgt Ion:264 Resp: 163640
Ion Ratio Lower Upper
264 100
260 21.6 19.1 28.7
265 18.9 16.1 24.1

