

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
 Data File : BG048670.D
 Acq On : 12 Apr 2021 21:15
 Operator : CG/JU
 Sample : M2003-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TS-4

Quant Time: Apr 13 00:20:12 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)

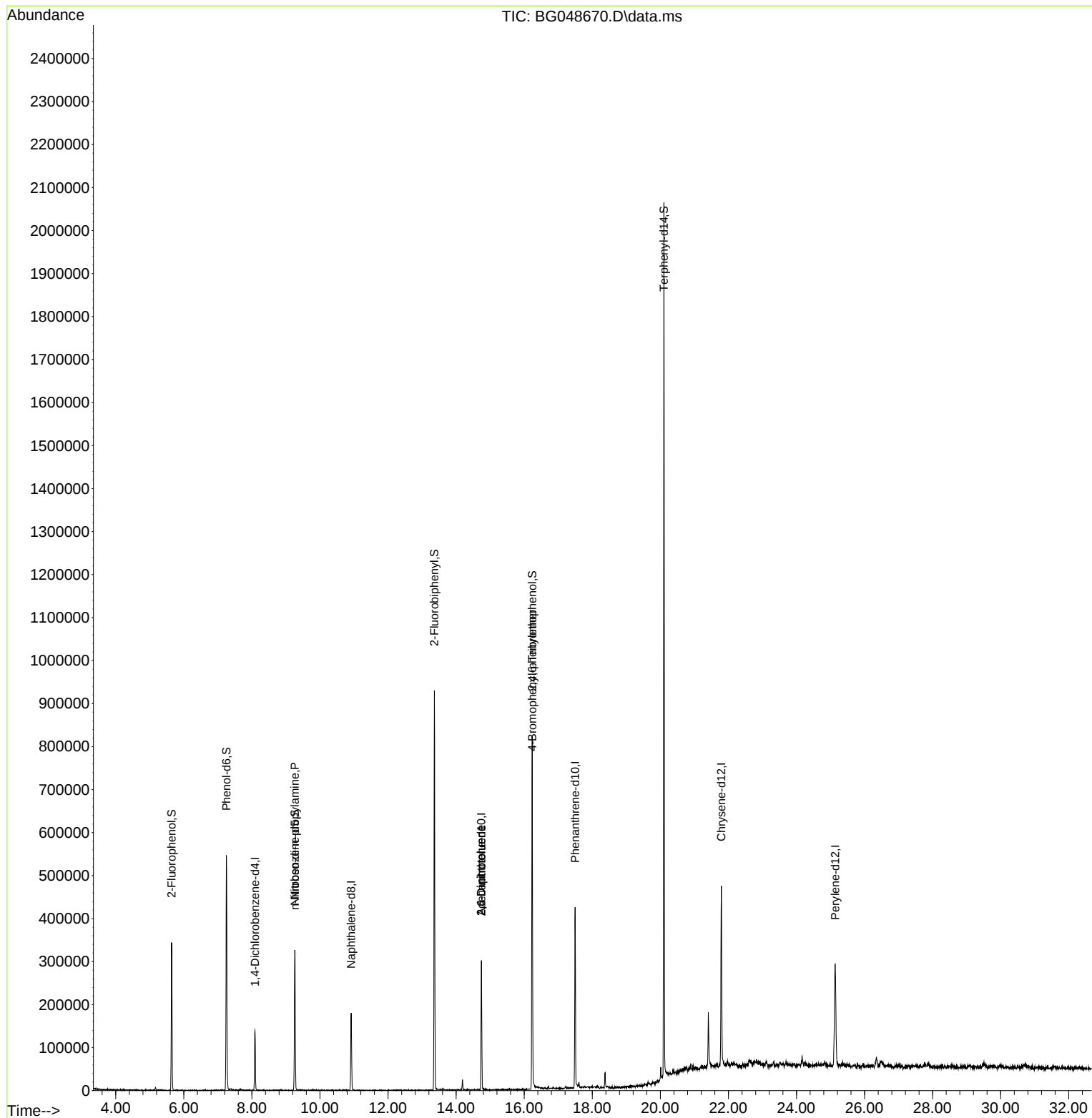
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	39143	20.00	ng	# 0.00
21) Naphthalene-d8	10.917	136	161768	20.00	ng	0.00
39) Acenaphthene-d10	14.742	164	109868	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	278742	20.00	ng	0.00
76) Chrysene-d12	21.793	240	283461	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	274219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	137616	62.07	ng	0.00
7) Phenol-d6	7.251	99	305827	95.11	ng	0.00
23) Nitrobenzene-d5	9.261	82	202459	60.59	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	161897	112.10	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	479508	64.87	ng	0.00
79) Terphenyl-d14	20.107	244	946523	61.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.266	70	29638	13.37	ng	# 69
51) 2,6-Dinitrotoluene	14.742	165	15069	8.08	ng	# 21
57) 2,4-Dinitrotoluene	14.742	165	15069	5.71	ng	# 25
67) 4-Bromophenyl-phenylether	16.241	248	11293	3.65	ng	# 1

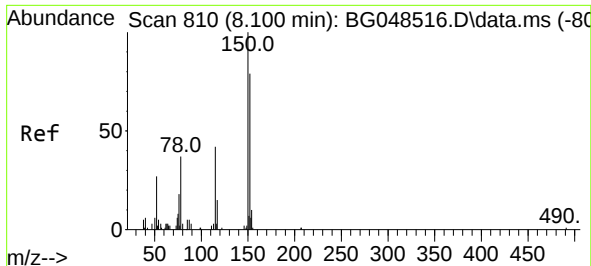
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

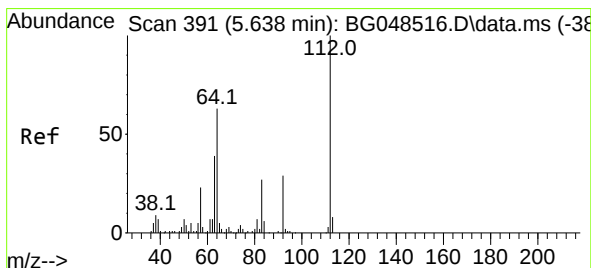
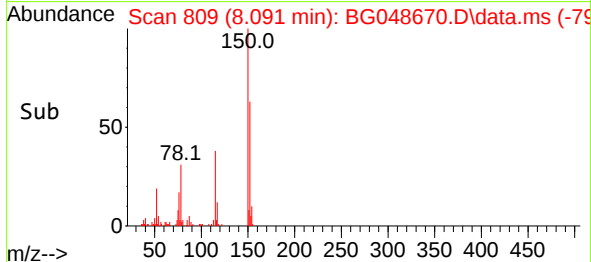
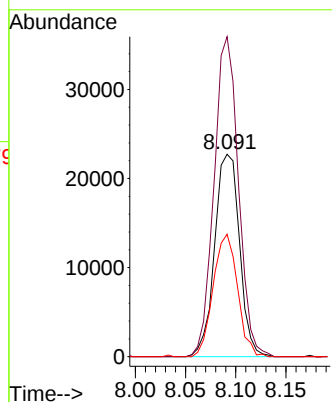
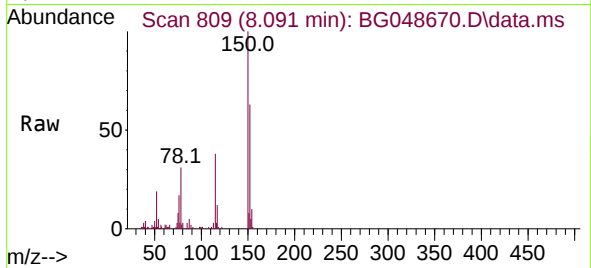




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

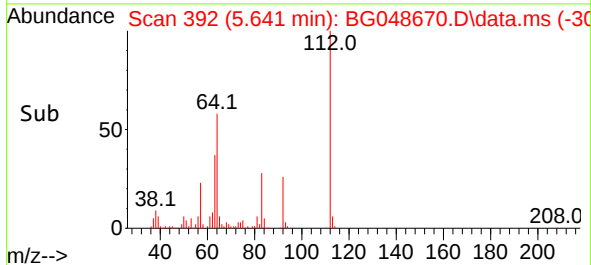
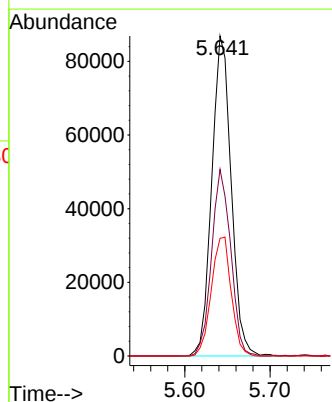
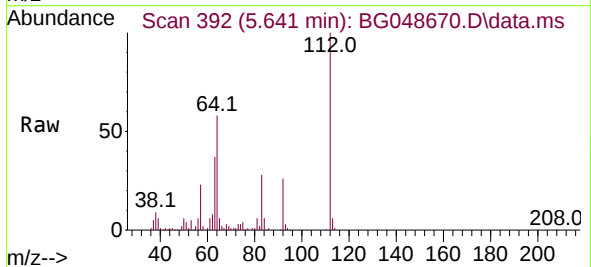
Instrument :
BNA_G
ClientSampleId :
TS-4

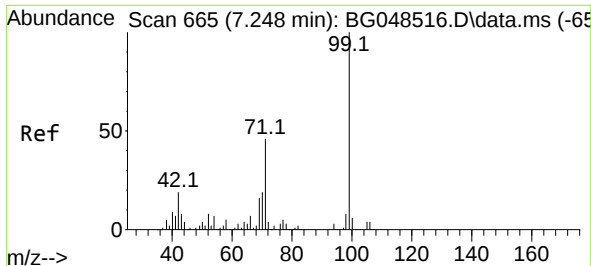
Tgt Ion:152 Resp: 39143
Ion Ratio Lower Upper
152 100
150 158.1 101.3 151.9#
115 60.5 42.3 63.5



#5
2-Fluorophenol
Concen: 62.07 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

Tgt Ion:112 Resp: 137616
Ion Ratio Lower Upper
112 100
64 58.3 50.4 75.6
63 36.7 31.4 47.2

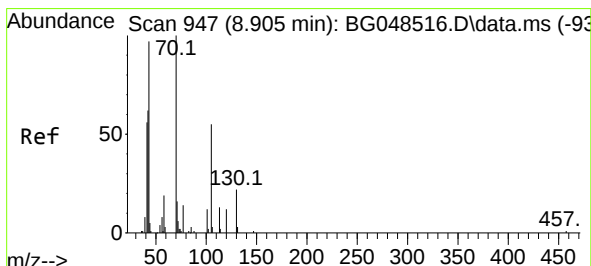
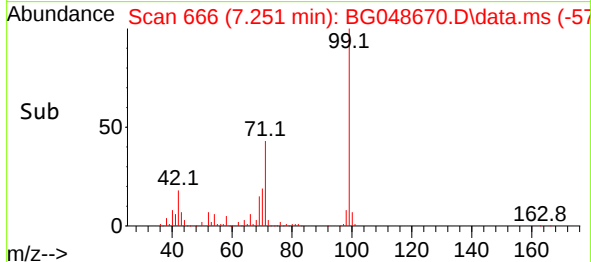
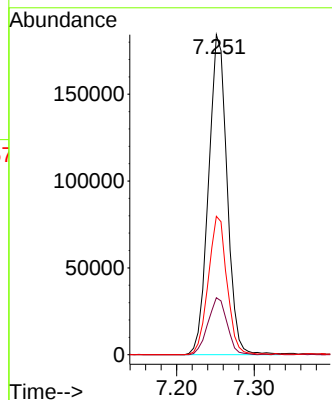
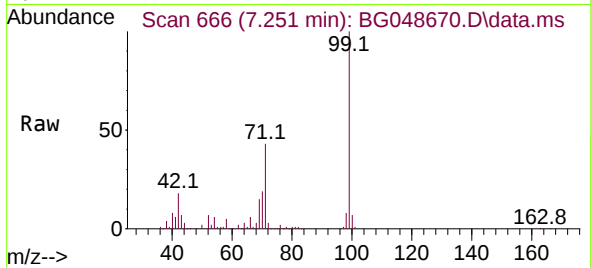




#7
Phenol-d6
Concen: 95.11 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.003 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

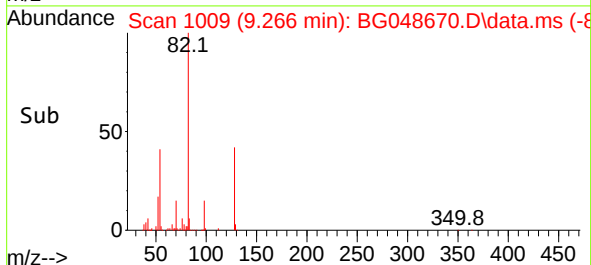
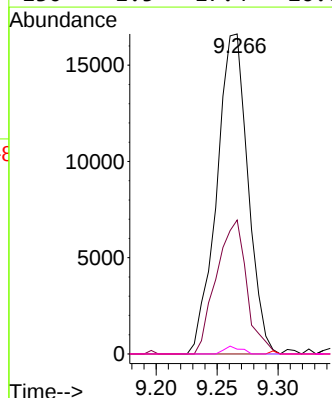
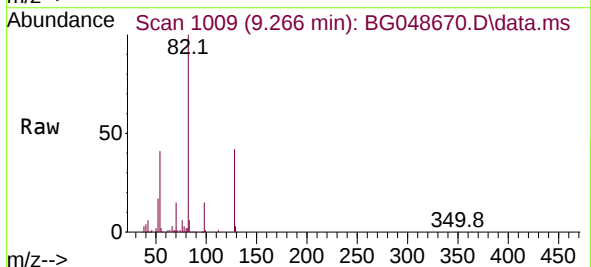
Instrument :
BNA_G
ClientSampleId :
TS-4

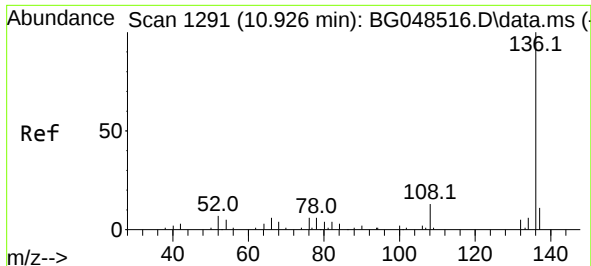
Tgt Ion: 99 Resp: 305827
Ion Ratio Lower Upper
99 100
42 17.8 15.5 23.3
71 43.3 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.37 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

Tgt Ion: 70 Resp: 29638
Ion Ratio Lower Upper
70 100
42 41.9 50.8 76.2#
101 0.0 9.7 14.5#
130 1.5 17.4 26.0#

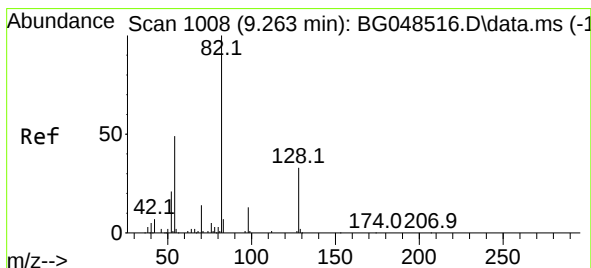
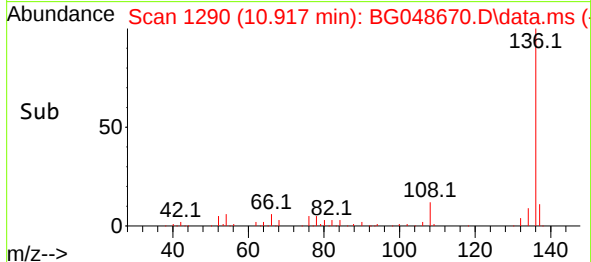
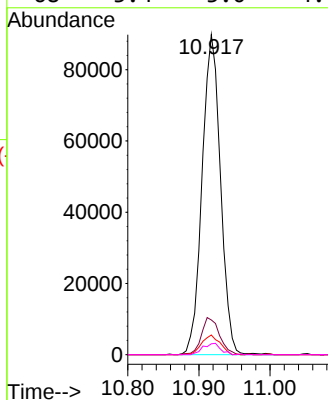
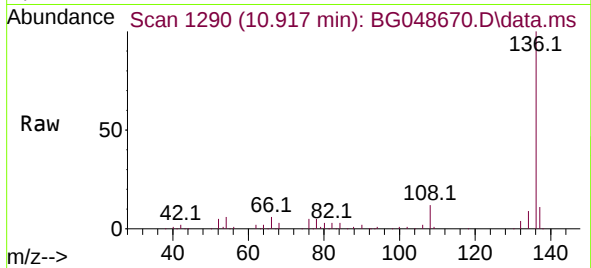




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

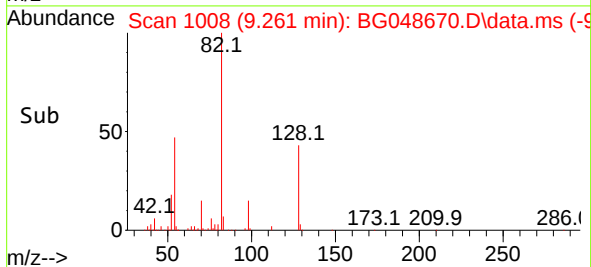
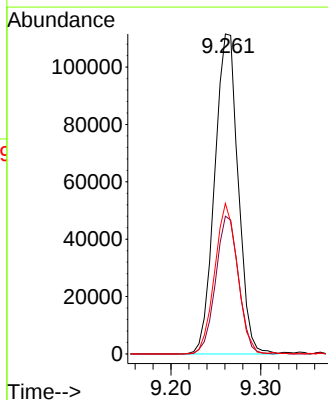
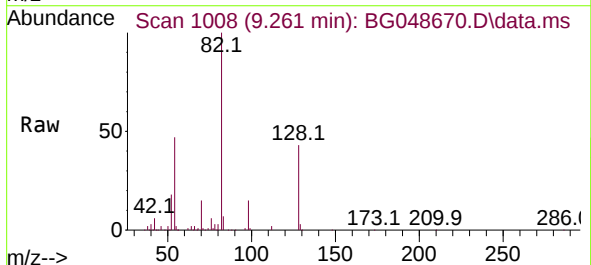
Instrument :
BNA_G
ClientSampleId :
TS-4

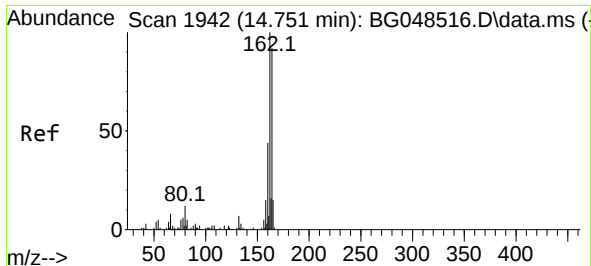
Tgt Ion:	136	Resp:	161768
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	6.2	4.2	6.4
68	3.4	3.0	4.4



#23
Nitrobenzene-d5
Concen: 60.59 ng
RT: 9.261 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

Tgt Ion:	82	Resp:	202459
Ion Ratio	Lower	Upper	
82	100		
128	43.0	26.2	39.4
54	47.0	38.9	58.3

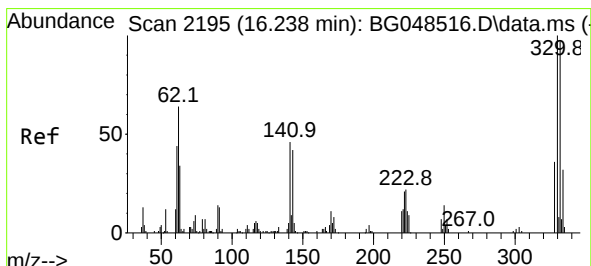
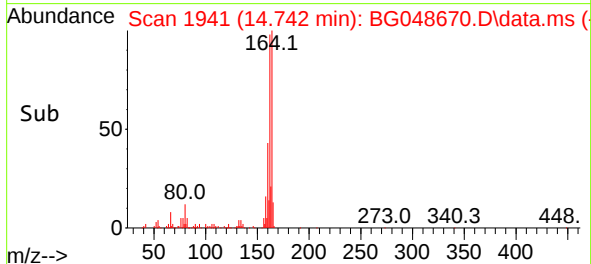
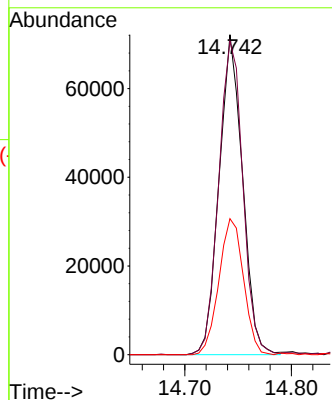
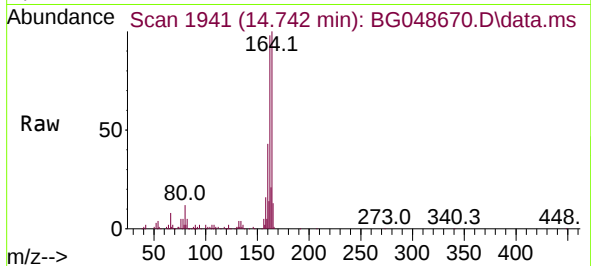




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

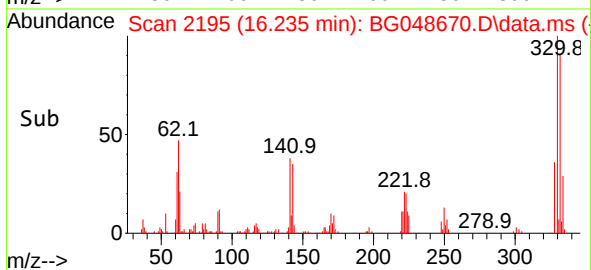
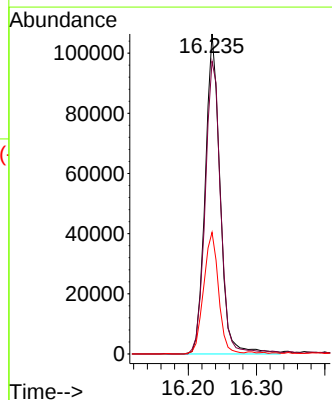
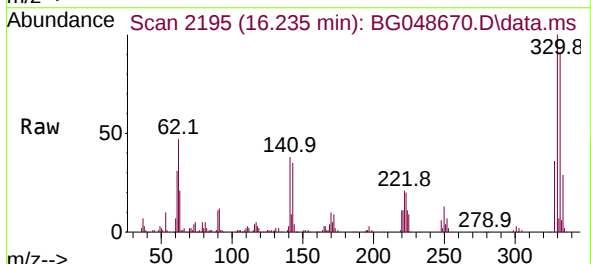
Instrument :
BNA_G
ClientSampleId :
TS-4

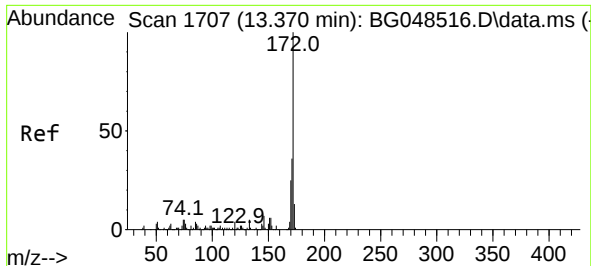
Tgt Ion:164 Resp: 109868
Ion Ratio Lower Upper
164 100
162 97.9 87.0 130.6
160 42.5 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 112.10 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.003 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

Tgt Ion:330 Resp: 161897
Ion Ratio Lower Upper
330 100
332 94.5 77.6 116.4
141 37.8 34.6 52.0

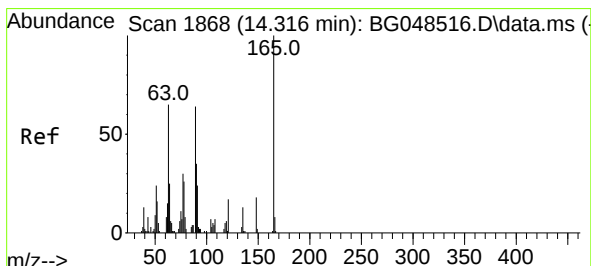
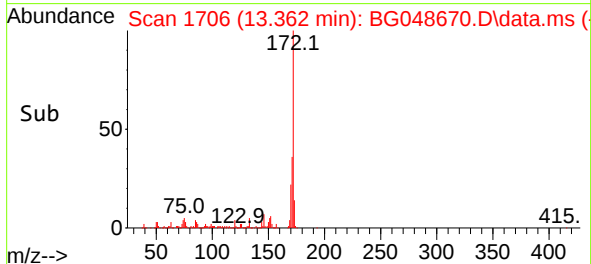
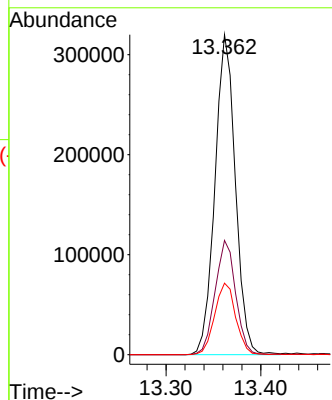
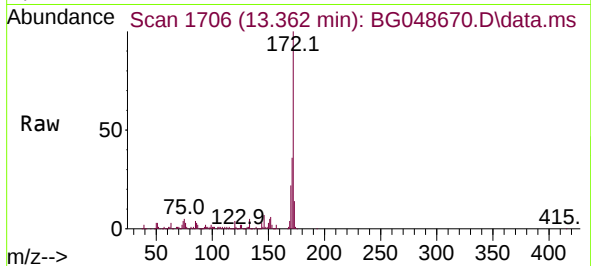




#45
2-Fluorobiphenyl
Concen: 64.87 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

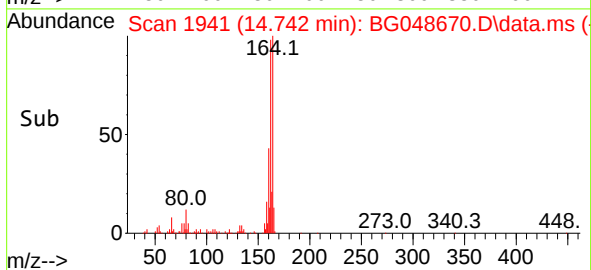
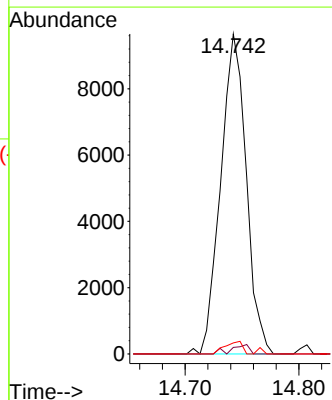
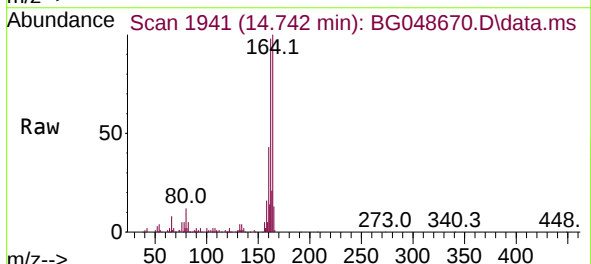
Instrument :
BNA_G
ClientSampled :
TS-4

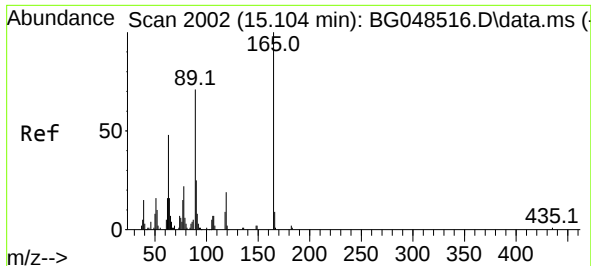
Tgt Ion:172	Resp:	479508
Ion Ratio	Lower	Upper
172	100	
171	35.7	28.5 42.7
170	22.4	19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.08 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

Tgt Ion:165	Resp:	15069
Ion Ratio	Lower	Upper
165	100	
63	2.1	53.8 80.6#
89	3.5	50.8 76.2#

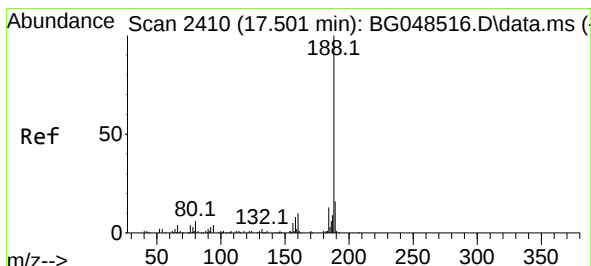
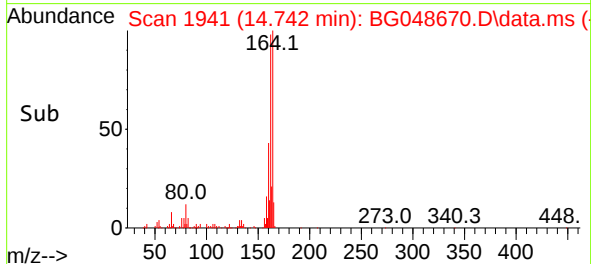
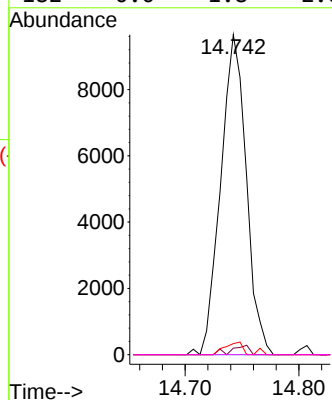
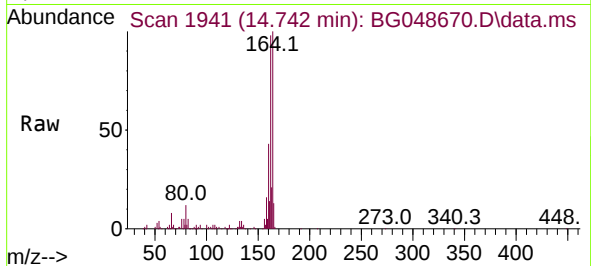




#57
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

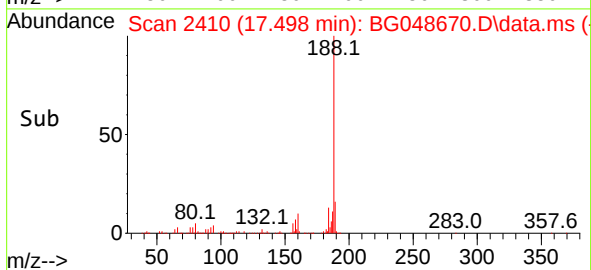
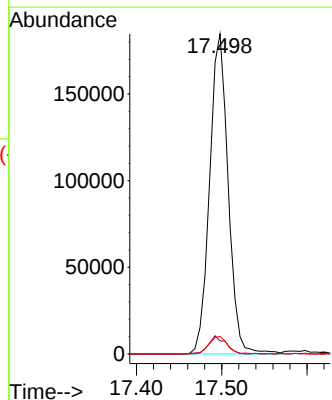
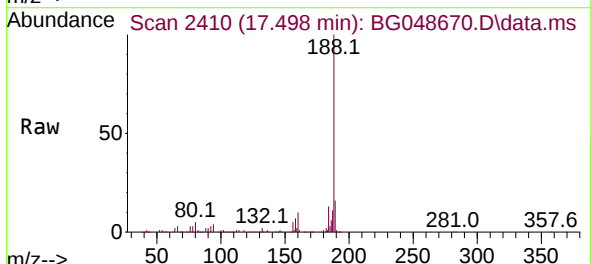
Instrument :
BNA_G
ClientSampled :
TS-4

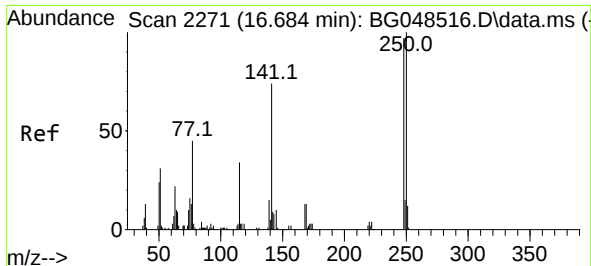
Tgt Ion:165 Resp: 15069
Ion Ratio Lower Upper
165 100
63 2.1 38.3 57.5#
89 3.5 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

Tgt Ion:188 Resp: 278742
Ion Ratio Lower Upper
188 100
94 4.1 3.0 4.6
80 5.4 4.5 6.7

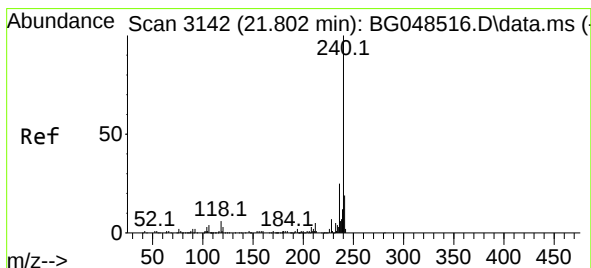
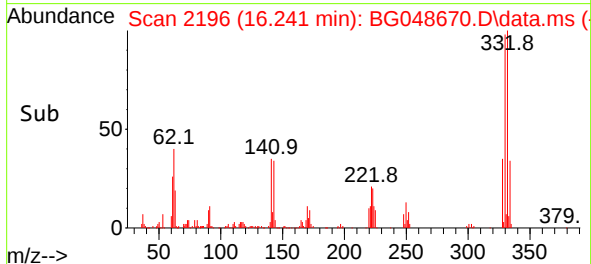
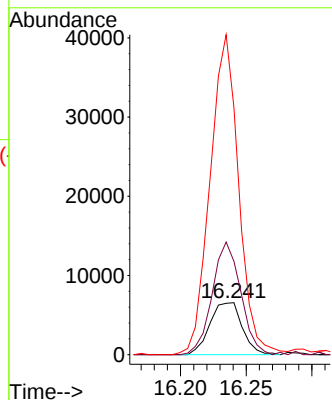
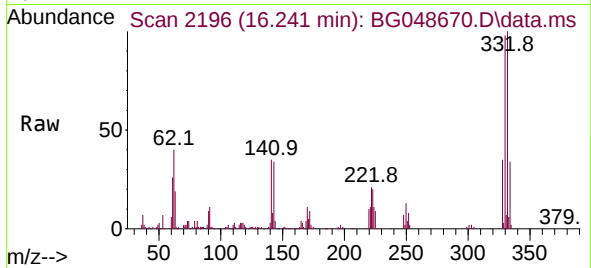




#67
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 16.241 min Scan# 2196
Delta R.T. -0.444 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

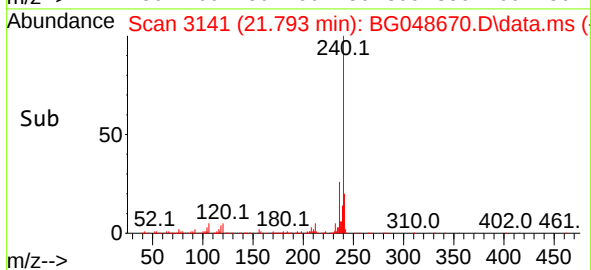
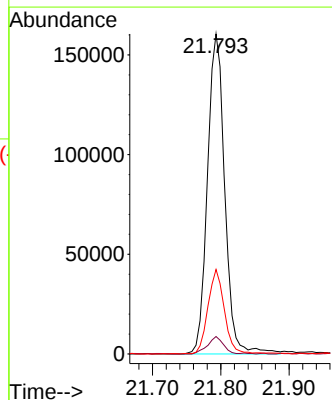
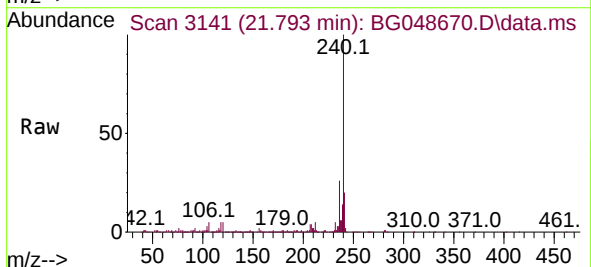
Instrument :
BNA_G
ClientSampleId :
TS-4

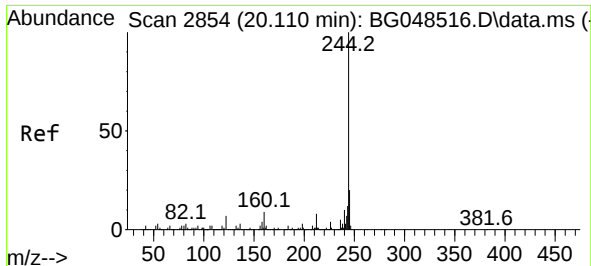
Tgt Ion:248 Resp: 11293
Ion Ratio Lower Upper
248 100
250 179.7 82.6 124.0#
141 475.3 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

Tgt Ion:240 Resp: 283461
Ion Ratio Lower Upper
240 100
120 5.5 2.6 3.8#
236 26.4 19.8 29.6

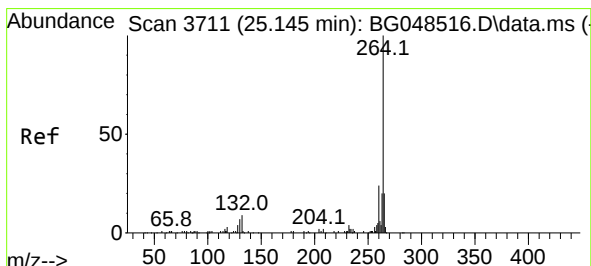
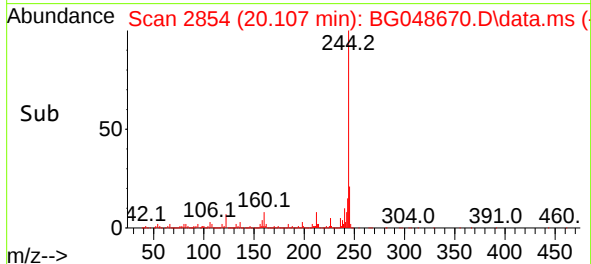
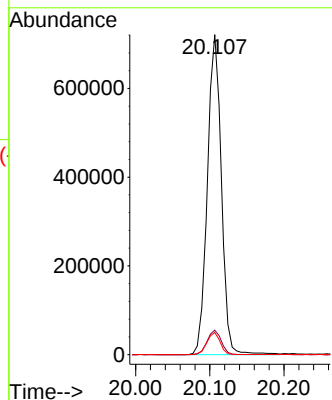
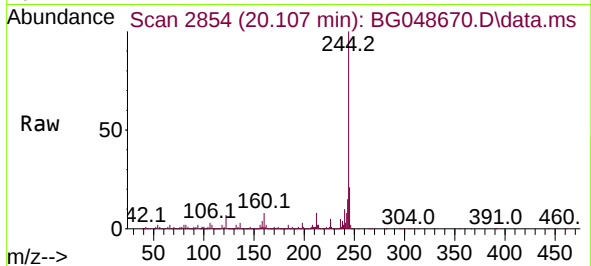




#79
Terphenyl-d14
Concen: 61.07 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

Instrument :
BNA_G
ClientSampleId :
TS-4

Tgt Ion:244 Resp: 946523
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 7.0 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.136 min Scan# 3710
Delta R.T. -0.009 min
Lab File: BG048670.D
Acq: 12 Apr 2021 21:15

Tgt Ion:264 Resp: 274219
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 22.2 16.1 24.1

