

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054513.D
 Acq On : 4 Aug 2022 10:41
 Operator : CG/JU
 Sample : PB146630BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146630BL

Quant Time: Aug 04 13:44:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

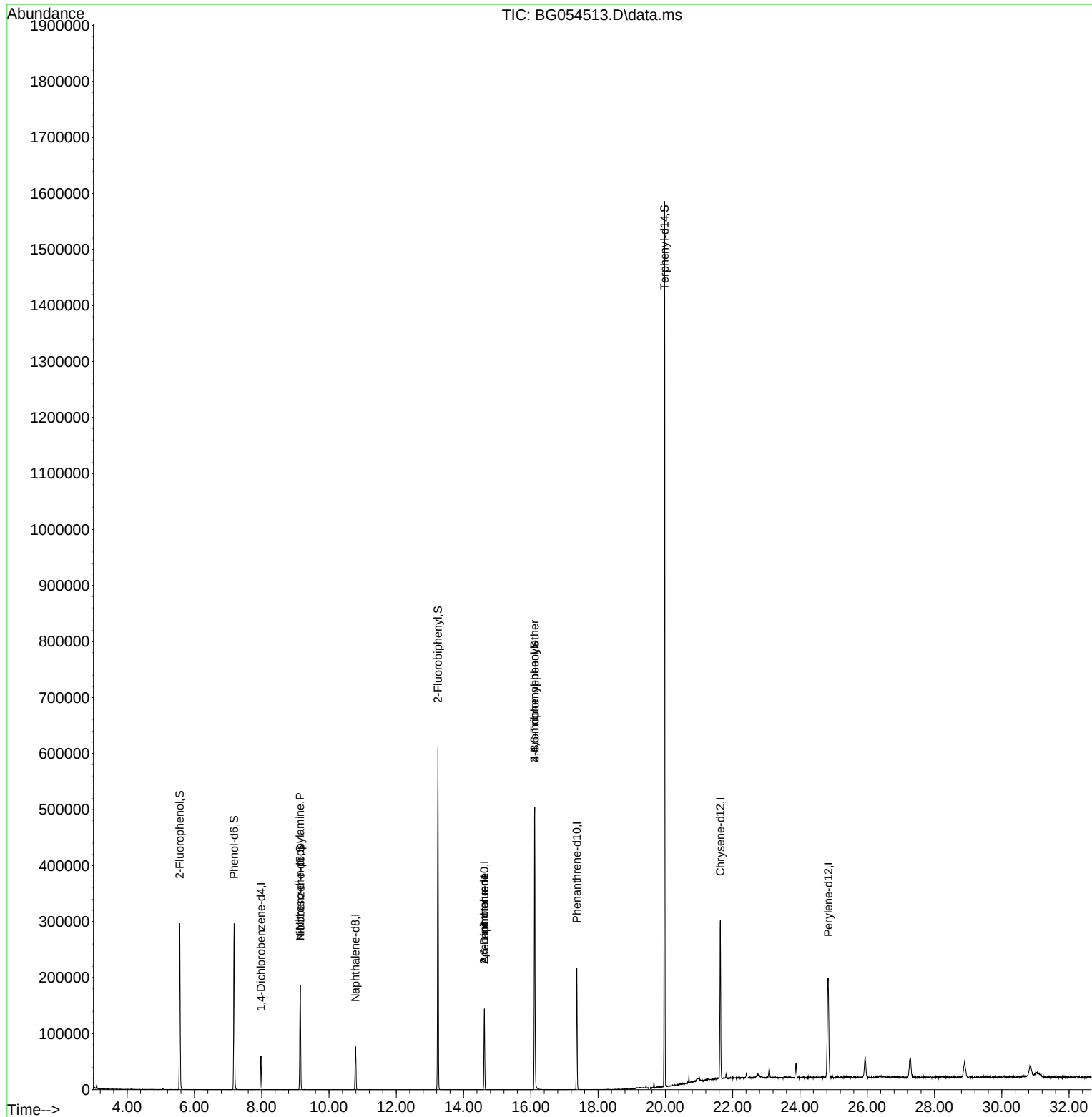
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	18974	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	73048	20.000	ng	# 0.00
39) Acenaphthene-d10	14.618	164	57599	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	155327	20.000	ng	# 0.00
76) Chrysene-d12	21.633	240	197596	20.000	ng	# 0.00
86) Perylene-d12	24.841	264	198978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	131188	144.358	ng	0.00
7) Phenol-d6	7.180	99	170861	137.212	ng	0.00
23) Nitrobenzene-d5	9.148	82	116570	86.903	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	141911	117.343	ng	0.00
45) 2-Fluorobiphenyl	13.237	172	346671	84.905	ng	0.00
79) Terphenyl-d14	19.976	244	891562	89.510	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.180	77	202	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.142	70	16443	19.774	ng	# 77
51) 2,6-Dinitrotoluene	14.618	165	7516	7.616	ng	# 16
57) 2,4-Dinitrotoluene	14.618	165	7516	5.313	ng	# 21
67) 4-Bromophenyl-phenylether	16.116	248	8518	3.905	ng	# 1

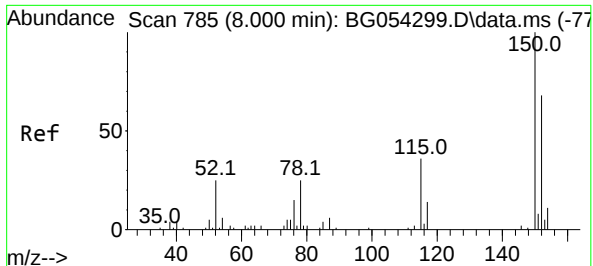
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
Data File : BG054513.D
Acq On : 4 Aug 2022 10:41
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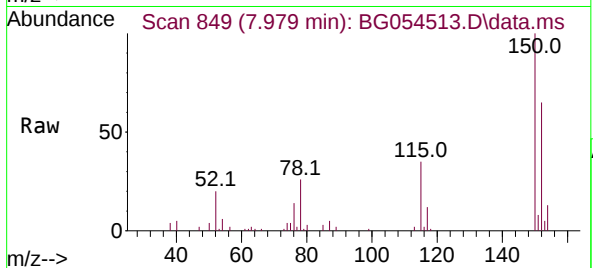
Quant Time: Aug 04 13:44:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration



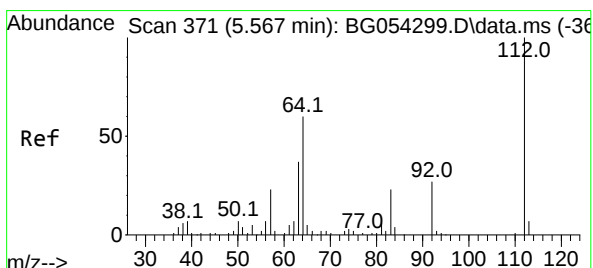
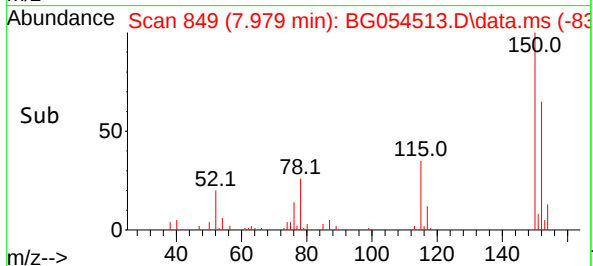
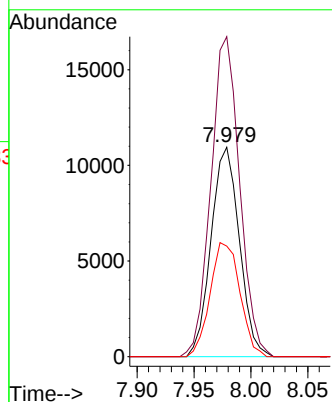


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.979 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

Instrument :
BNA_G
ClientSampleId :
PB146630BL

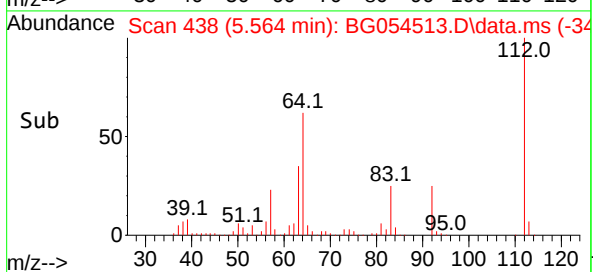
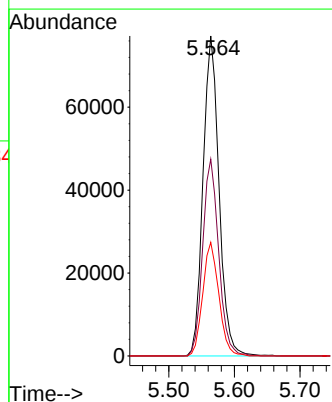
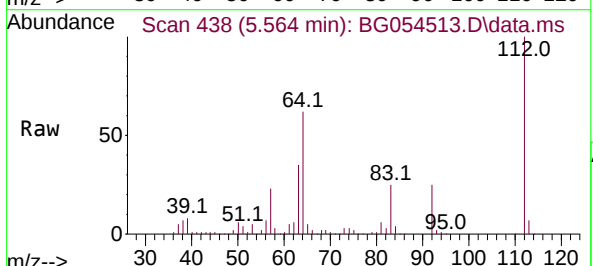


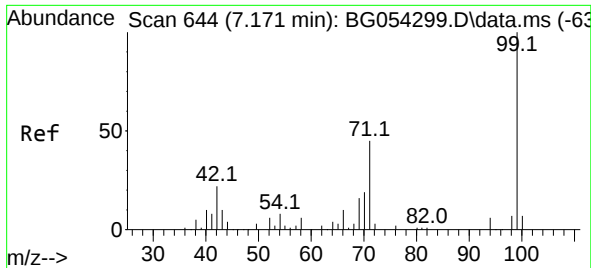
Tgt Ion:152 Resp: 18974
Ion Ratio Lower Upper
152 100
150 152.8 131.6 197.4
115 52.8 50.9 76.3



#5
2-Fluorophenol
Concen: 144.358 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.002 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

Tgt Ion:112 Resp: 131188
Ion Ratio Lower Upper
112 100
64 61.5 55.1 82.7
63 35.5 30.4 45.6

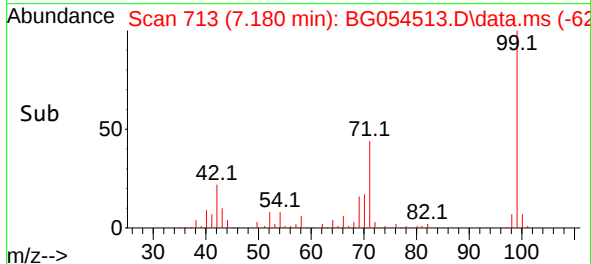
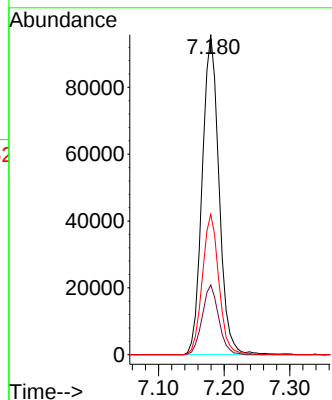
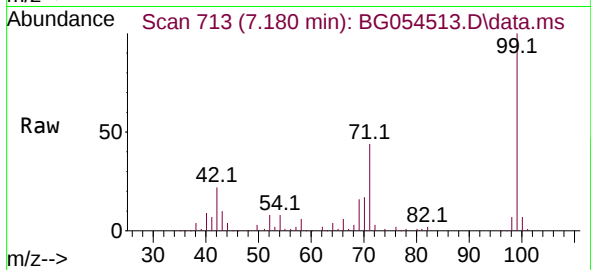




#7
Phenol-d6
Concen: 137.212 ng
RT: 7.180 min Scan# 71
Delta R.T. 0.008 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

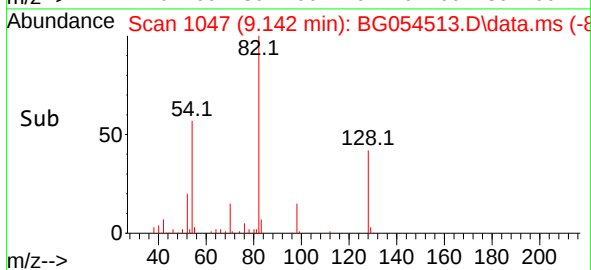
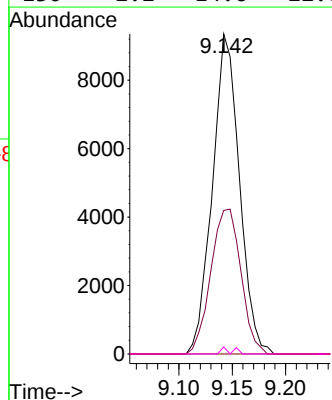
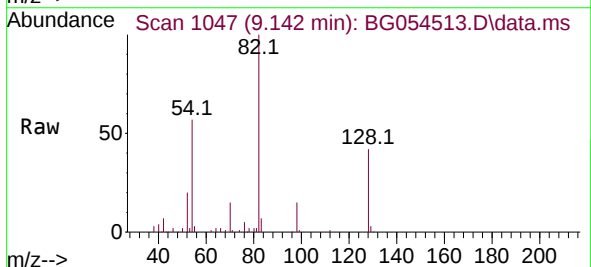
Instrument :
BNA_G
ClientSampleId :
PB146630BL

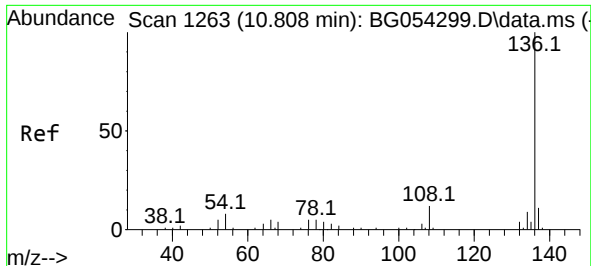
Tgt Ion: 99 Resp: 170861
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 43.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.774 ng
RT: 9.142 min Scan# 1047
Delta R.T. 0.349 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

Tgt Ion: 70 Resp: 16443
Ion Ratio Lower Upper
70 100
42 44.8 47.3 70.9#
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#

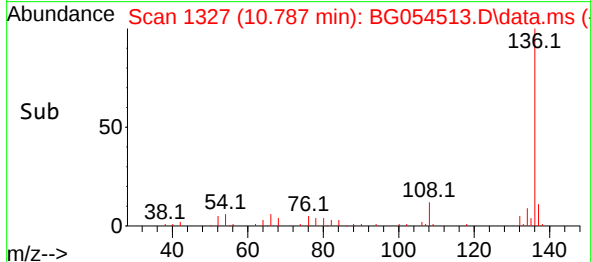
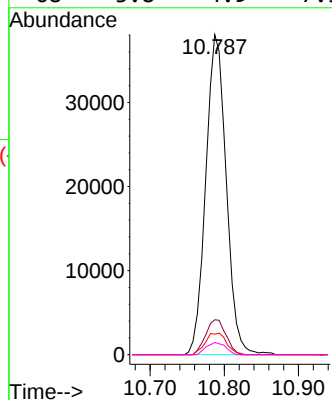
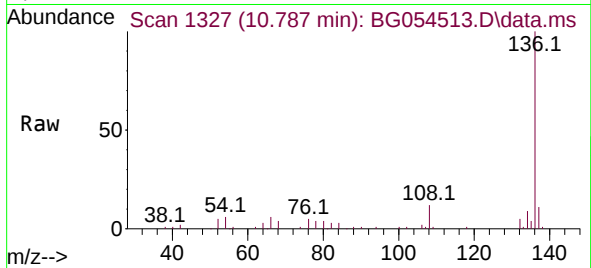




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

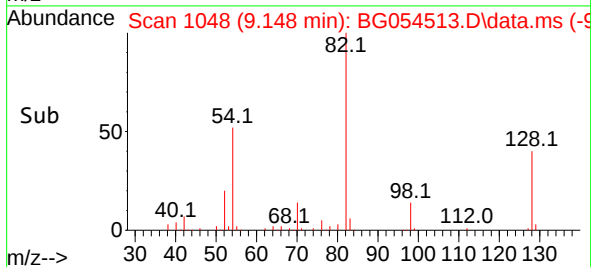
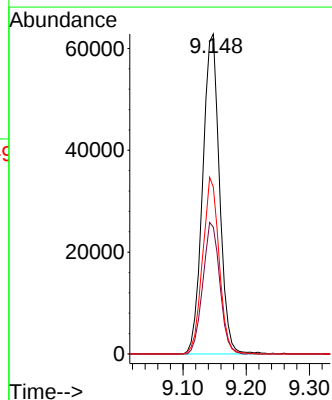
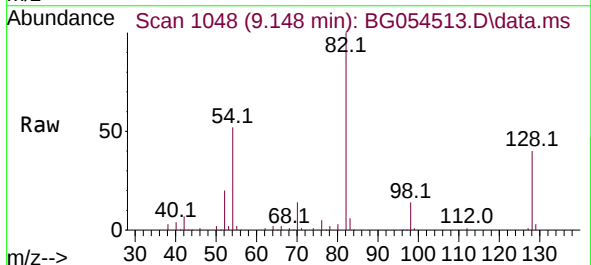
Instrument :
BNA_G
ClientSampleId :
PB146630BL

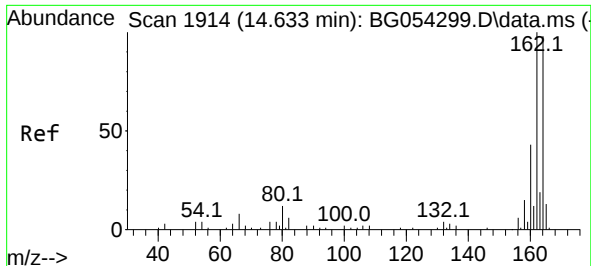
Tgt Ion:	136	Resp:	73048
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.4	7.4	11.2#
68	3.8	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 86.903 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

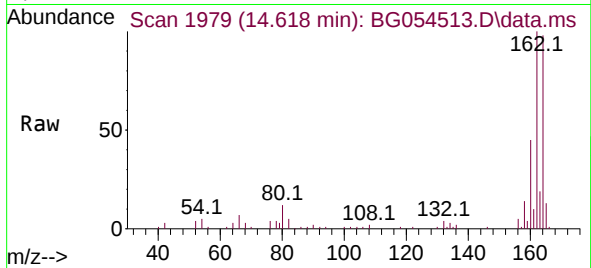
Tgt Ion:	82	Resp:	116570
Ion Ratio	Lower	Upper	
82	100		
128	39.7	27.9	41.9
54	52.1	41.2	61.8



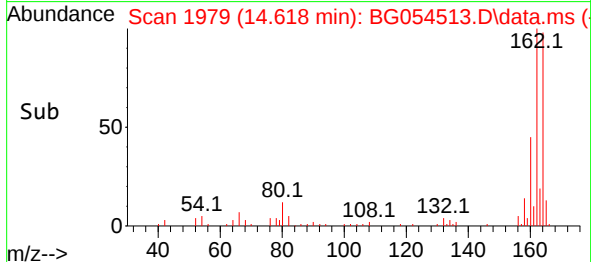
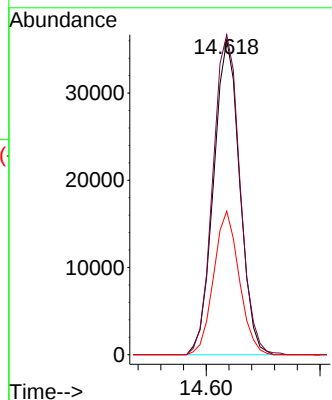


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.618 min Scan# 1914
Delta R.T. -0.004 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

Instrument :
BNA_G
ClientSampleId :
PB146630BL

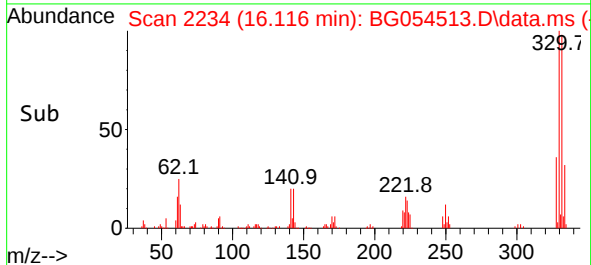
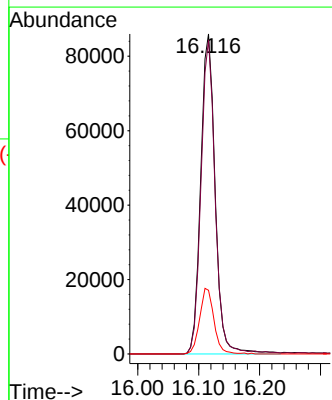
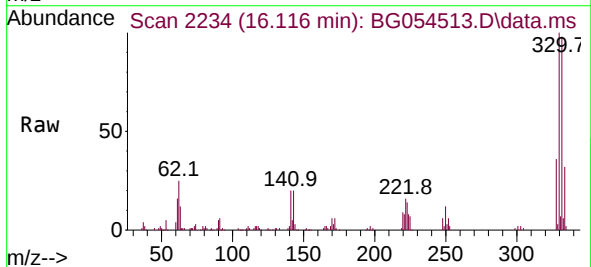


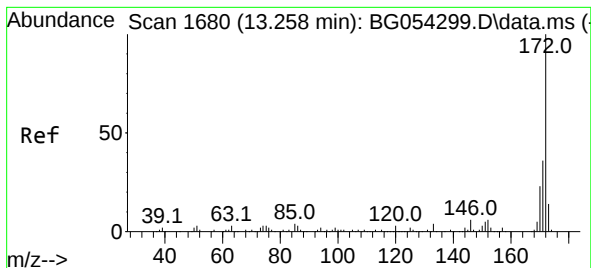
Tgt Ion:164 Resp: 57599
Ion Ratio Lower Upper
164 100
162 101.6 82.3 123.5
160 45.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 117.343 ng
RT: 16.116 min Scan# 2234
Delta R.T. 0.002 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

Tgt Ion:330 Resp: 141911
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 20.3 27.1 40.7#

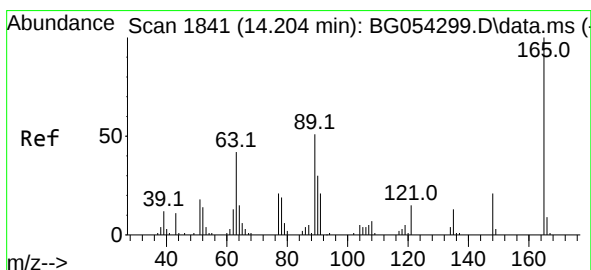
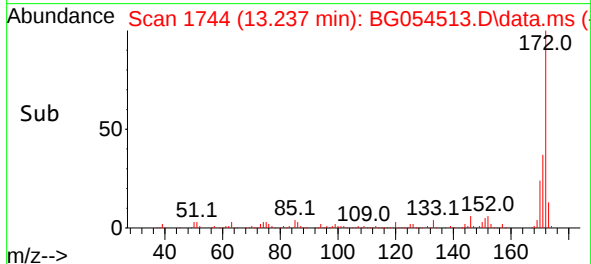
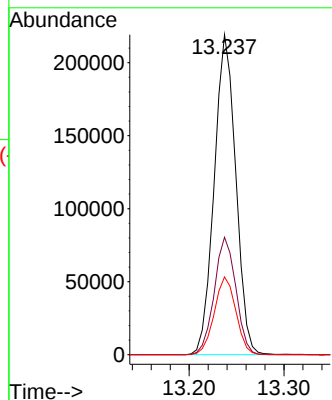
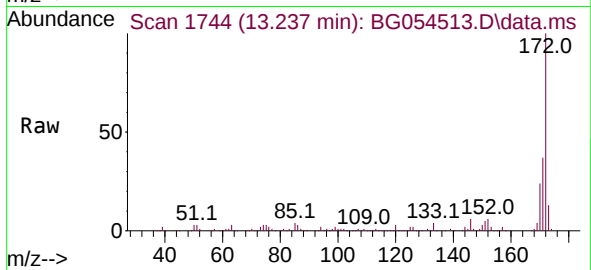




#45
2-Fluorobiphenyl
Concen: 84.905 ng
RT: 13.237 min Scan# 1744
Delta R.T. -0.010 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

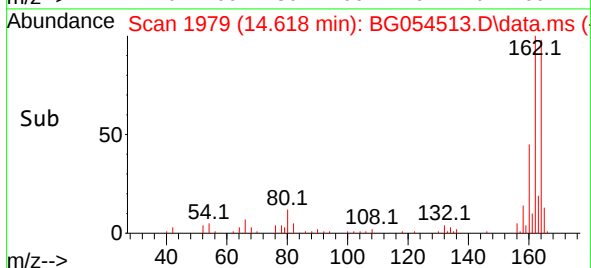
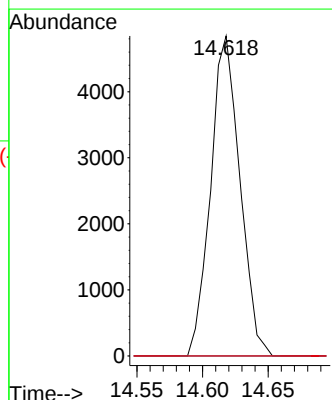
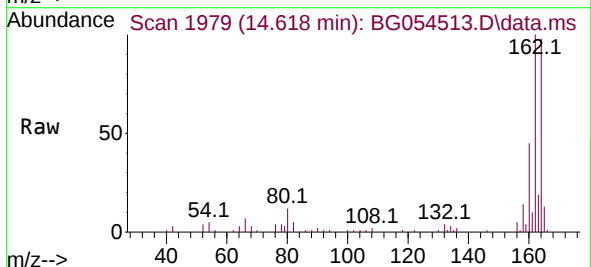
Instrument :
BNA_G
ClientSampleId :
PB146630BL

Tgt Ion:172 Resp: 346671
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.616 ng
RT: 14.618 min Scan# 1979
Delta R.T. 0.419 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

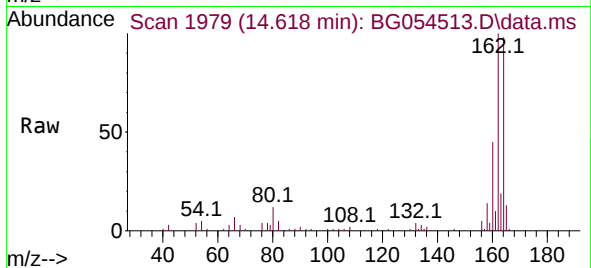
Tgt Ion:165 Resp: 7516
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



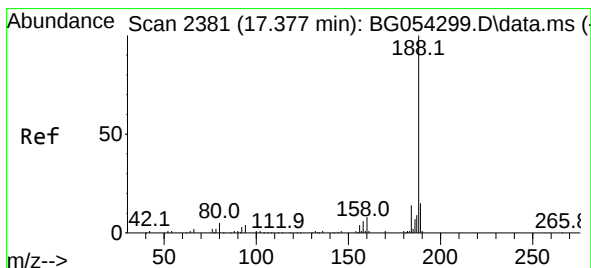
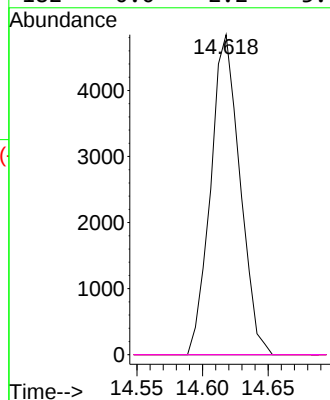
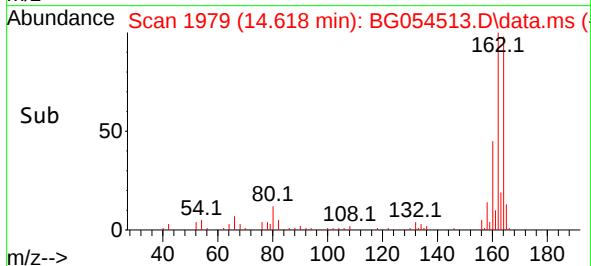


#57
2,4-Dinitrotoluene
Concen: 5.313 ng
RT: 14.618 min Scan# 14
Delta R.T. -0.374 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

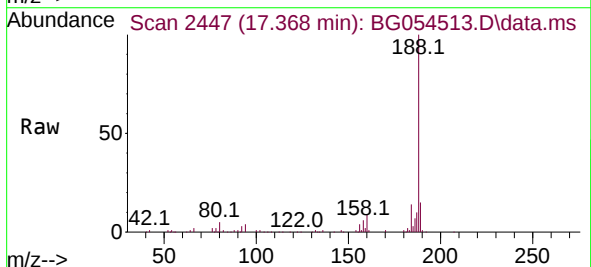
Instrument :
BNA_G
ClientSampleId :
PB146630BL



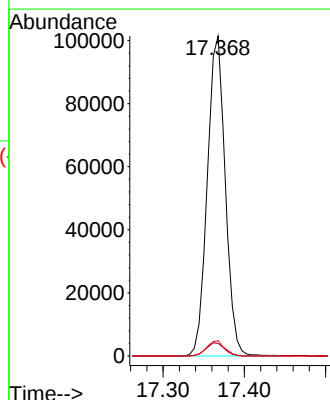
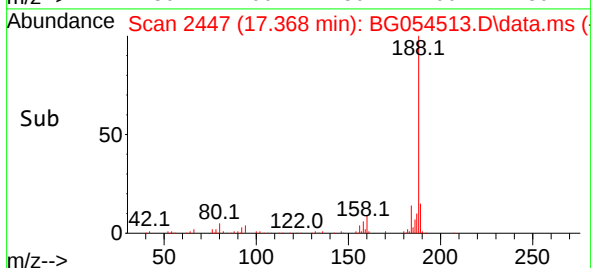
Tgt Ion:165 Resp: 7516
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

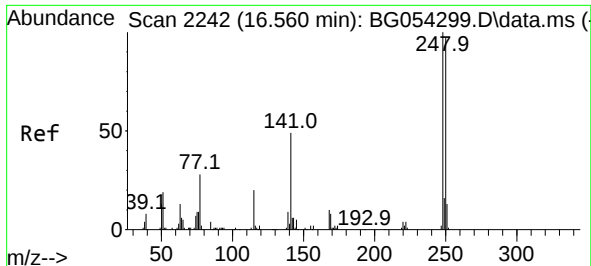


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41



Tgt Ion:188 Resp: 155327
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0#
80 4.8 6.8 10.2#

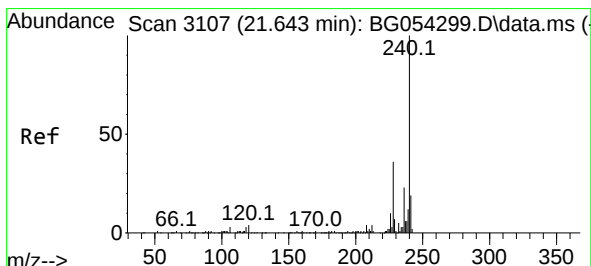
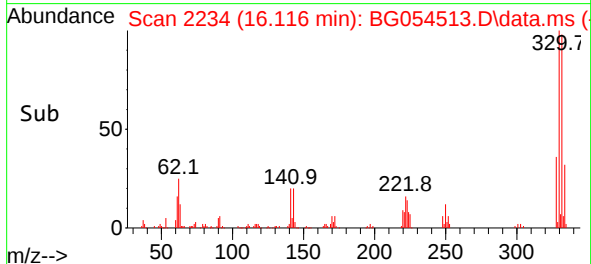
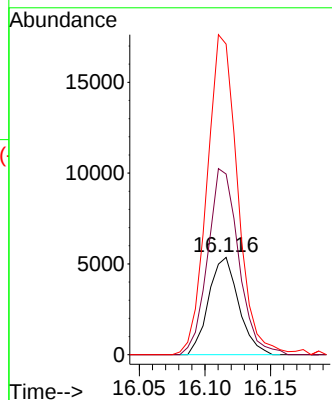
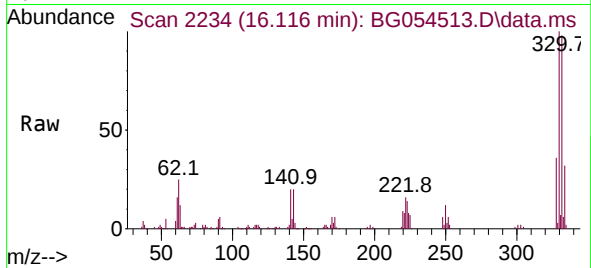




#67
4-Bromophenyl-phenylether
Concen: 3.905 ng
RT: 16.116 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

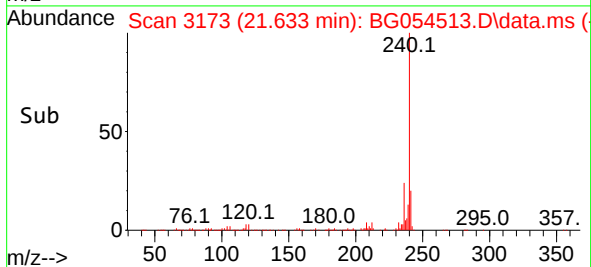
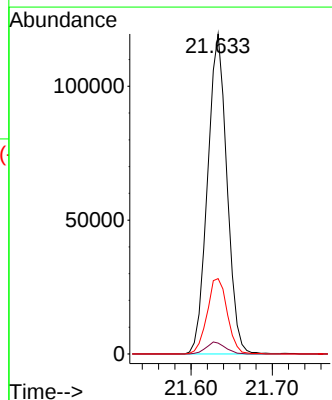
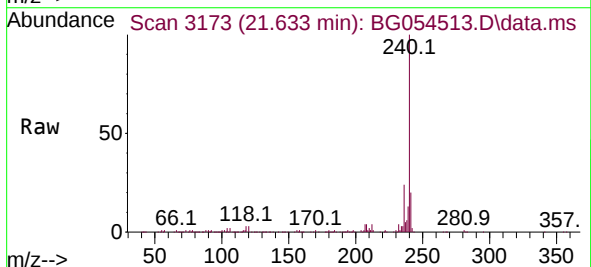
Instrument :
BNA_G
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PB146630BL

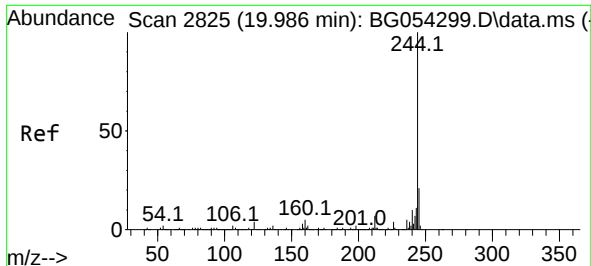
Tgt Ion:248 Resp: 8518
Ion Ratio Lower Upper
248 100
250 185.6 75.2 112.8#
141 319.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3173
Delta R.T. -0.004 min
Lab File: BG054513.D
Acq: 4 Aug 2022 10:41

Tgt Ion:240 Resp: 197596
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0#
236 23.5 20.2 30.4

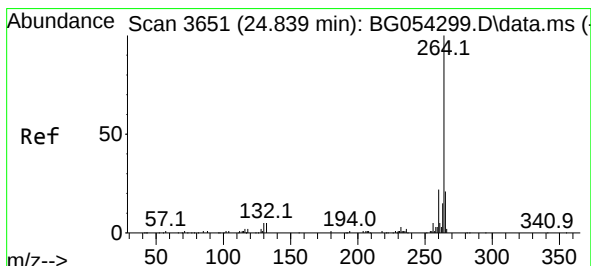
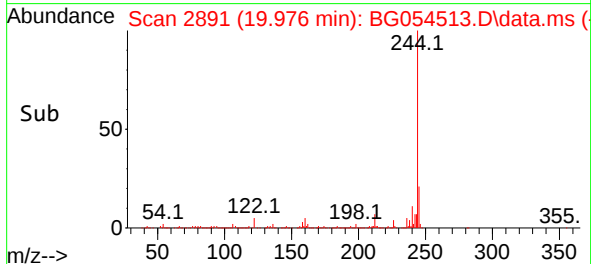
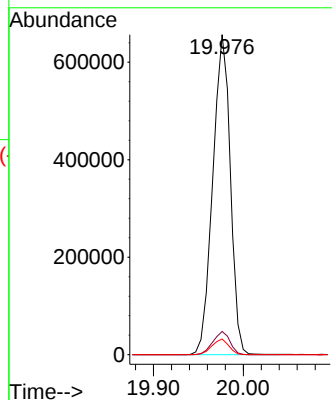
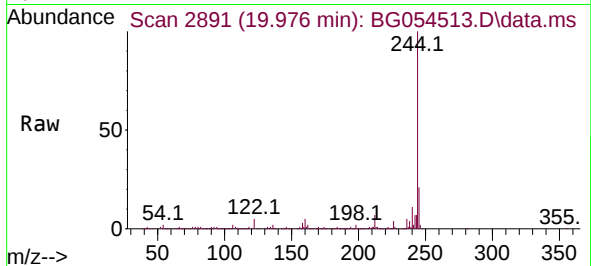




#79
 Terphenyl-d14
 Concen: 89.510 ng
 RT: 19.976 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054513.D
 Acq: 4 Aug 2022 10:41

Instrument :
 BNA_G
 ClientSampleId :
 PB146630BL

Tgt Ion:244 Resp: 891562
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.841 min Scan# 3719
 Delta R.T. 0.008 min
 Lab File: BG054513.D
 Acq: 4 Aug 2022 10:41

Tgt Ion:264 Resp: 198978
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 20.4 17.4 26.2

