

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054883.D
 Acq On : 8 Sep 2022 14:21
 Operator : CG/JU
 Sample : N4501-04RX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-08-COMP

Quant Time: Sep 09 02:48:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 02:45:21 2022
 Response via : Initial Calibration

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

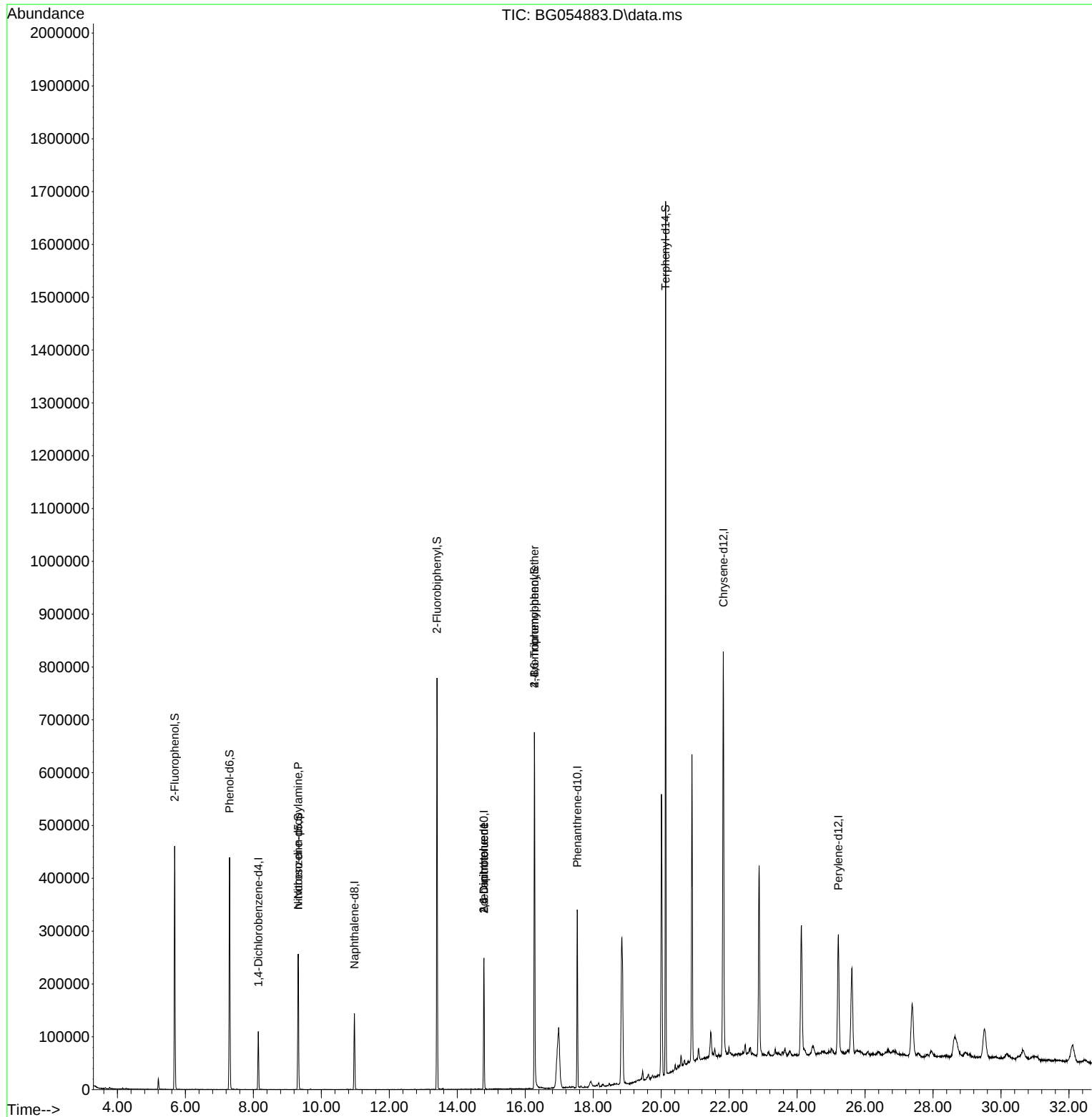
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	33626	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	132303	20.000	ng	0.00
39) Acenaphthene-d10	14.785	164	92663	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	231151	20.000	ng	0.00
76) Chrysene-d12	21.830	240	226365	20.000	ng	0.00
86) Perylene-d12	25.214	264	244907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	218662	113.237	ng	0.00
7) Phenol-d6	7.300	99	290419	109.973	ng	0.00
23) Nitrobenzene-d5	9.321	82	167466	66.449	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	163197	140.944	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	424856	68.913	ng	0.00
79) Terphenyl-d14	20.132	244	816140	71.437	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.321	70	21029	11.580	ng	# 76
51) 2,6-Dinitrotoluene	14.785	165	12073	8.268	ng	# 20
57) 2,4-Dinitrotoluene	14.785	165	12073	5.978	ng	# 18
67) 4-Bromophenyl-phenylether	16.272	248	10206	4.022	ng	# 1

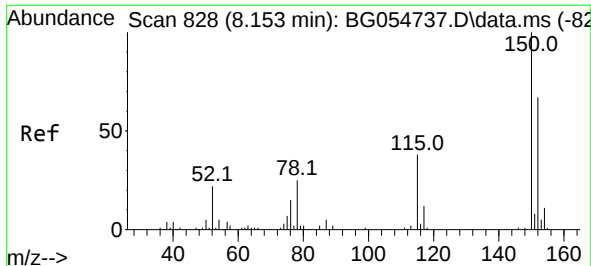
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 09 02:45:21 2022
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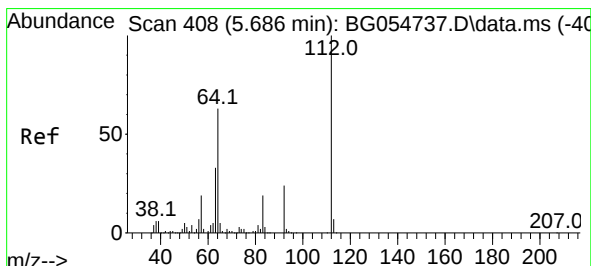
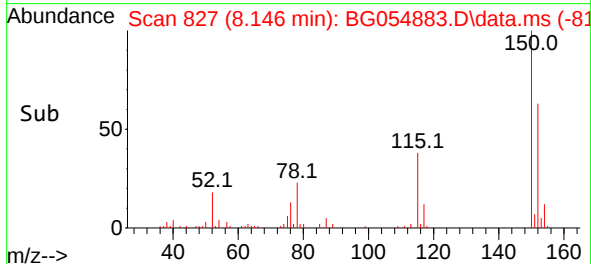
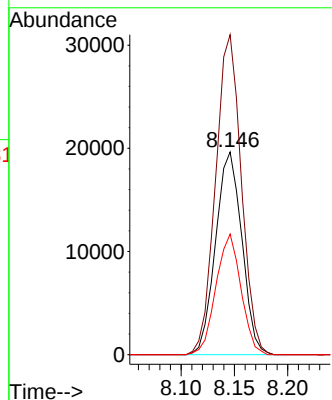
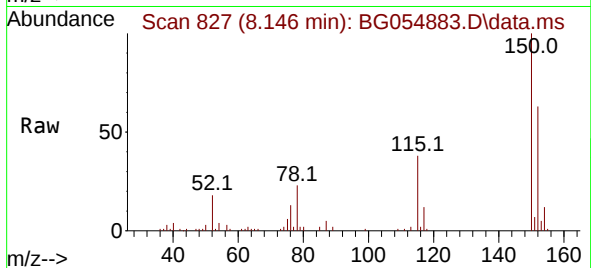




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

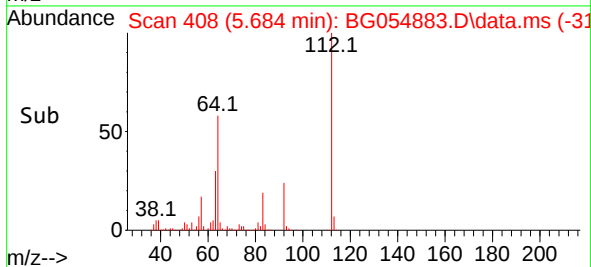
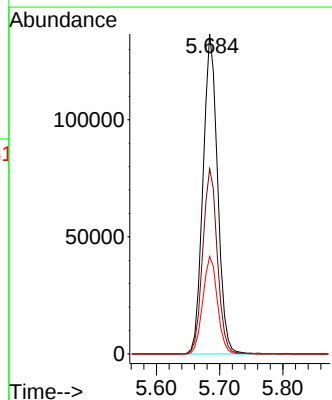
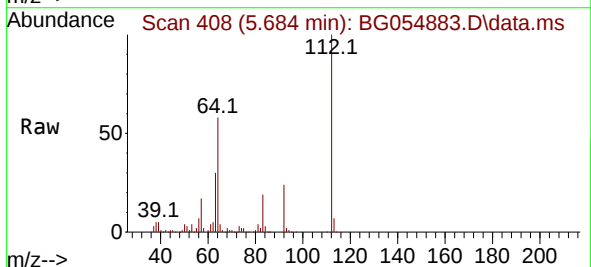
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

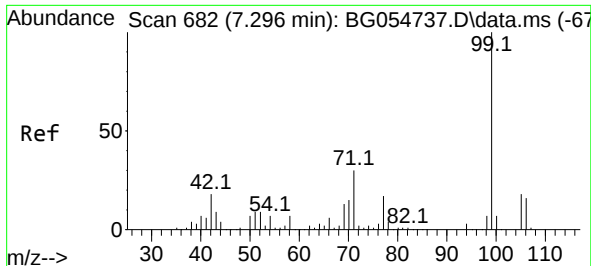
Tgt Ion:152 Resp: 33626
Ion Ratio Lower Upper
152 100
150 157.8 125.2 187.8
115 59.5 47.9 71.9



#5
2-Fluorophenol
Concen: 113.237 ng
RT: 5.684 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

Tgt Ion:112 Resp: 218662
Ion Ratio Lower Upper
112 100
64 57.8 49.3 73.9
63 30.5 26.3 39.5

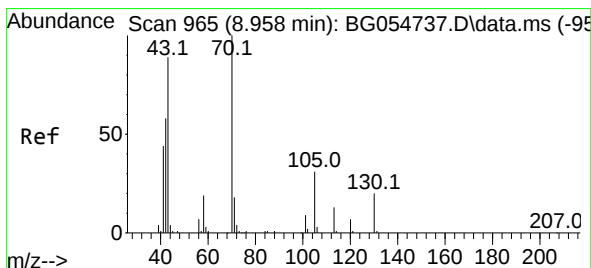
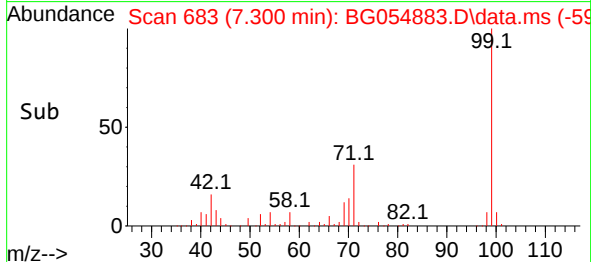
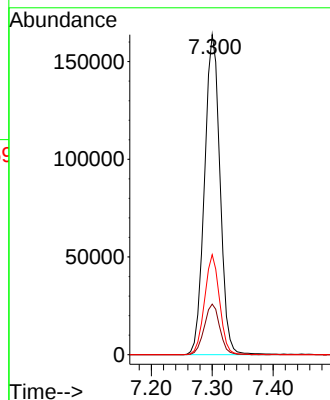
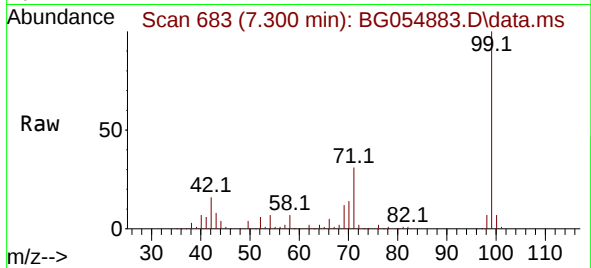




#7
Phenol-d6
Concen: 109.973 ng
RT: 7.300 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

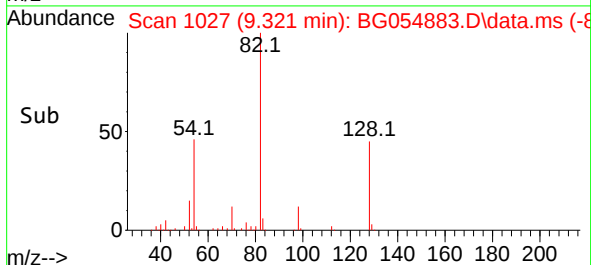
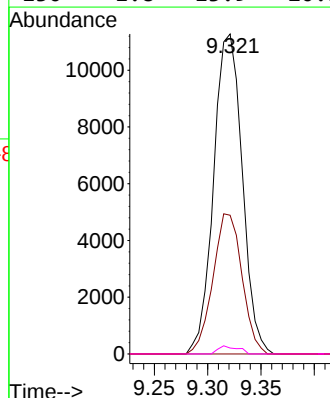
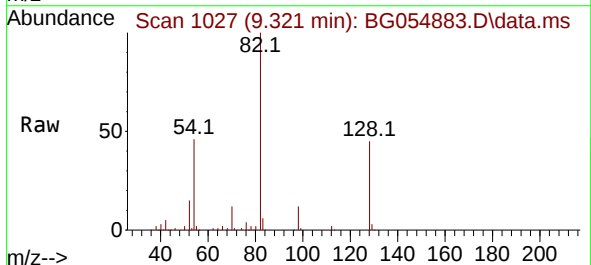
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

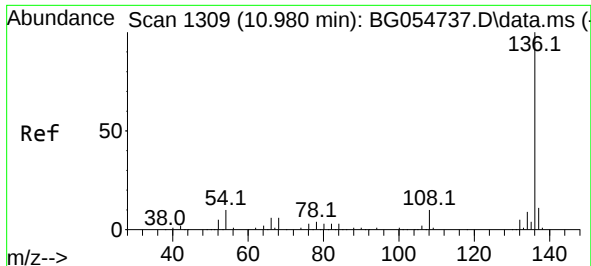
Tgt Ion: 99 Resp: 290419
Ion Ratio Lower Upper
99 100
42 15.8 14.6 22.0
71 31.2 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.580 ng
RT: 9.321 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

Tgt Ion: 70 Resp: 21029
Ion Ratio Lower Upper
70 100
42 43.4 46.6 69.8#
101 0.0 7.7 11.5#
130 1.8 13.9 20.9#





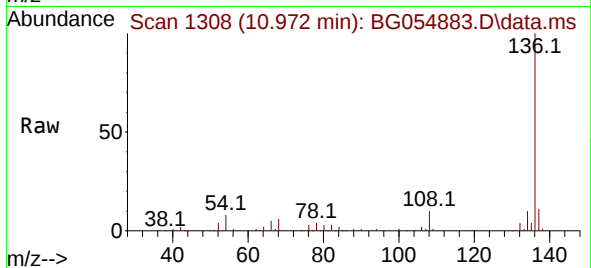
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

Instrument :

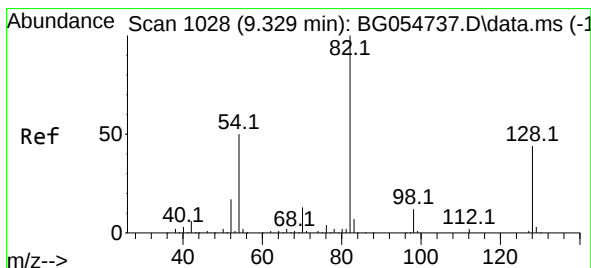
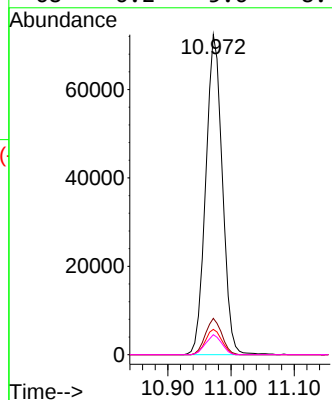
BNA_G

ClientSampleId :

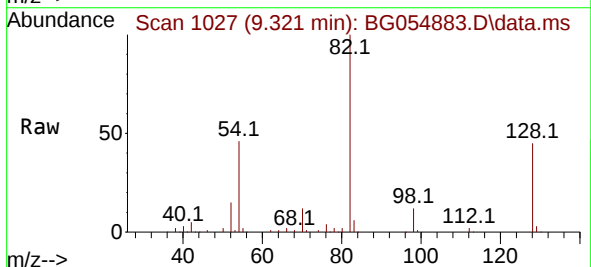
SB-08-COMP



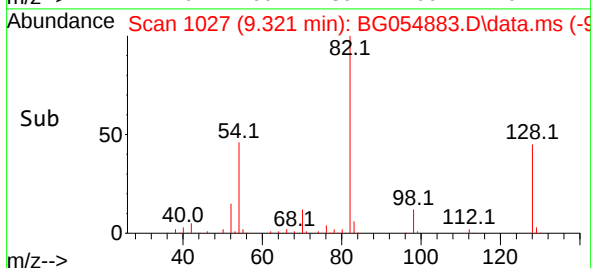
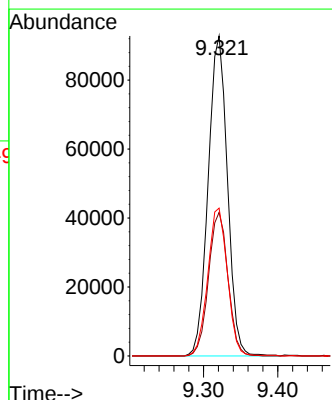
Tgt Ion:	136	Resp:	132303
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.2	13.8
54	7.9	7.7	11.5
68	6.2	5.6	8.4

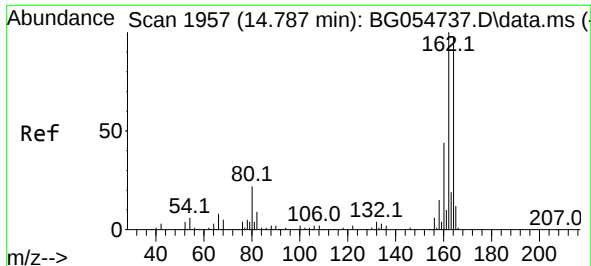


#23
Nitrobenzene-d5
Concen: 66.449 ng
RT: 9.321 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21



Tgt Ion:	82	Resp:	167466
Ion Ratio	Lower	Upper	
82	100		
128	44.8	32.2	48.2
54	46.2	41.4	62.0

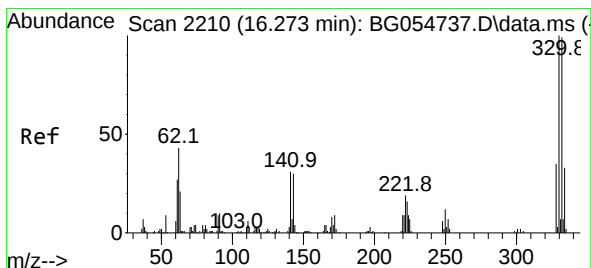
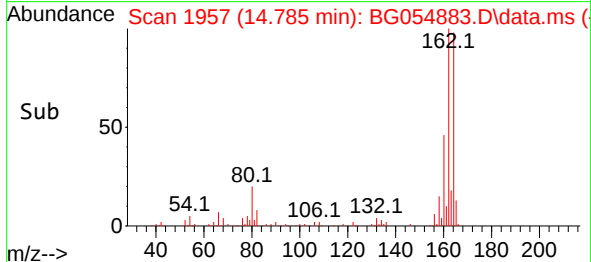
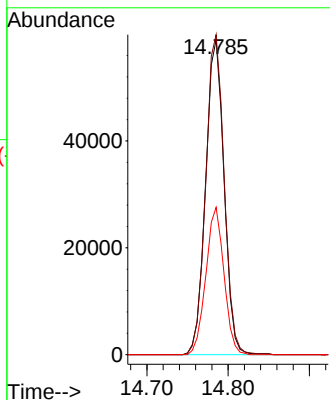
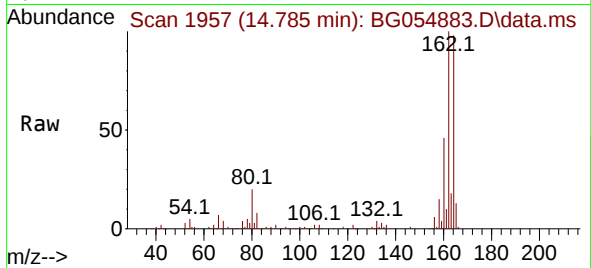




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.785 min Scan# 1957
Delta R.T. -0.007 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

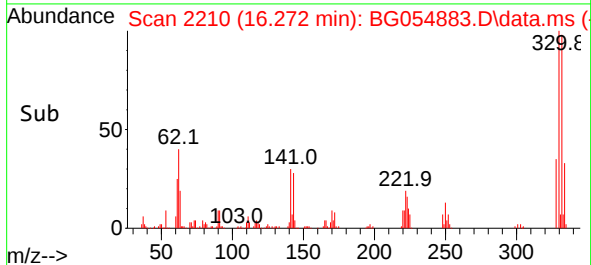
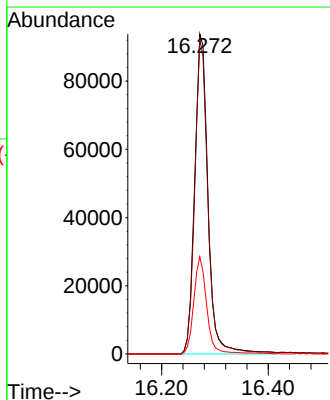
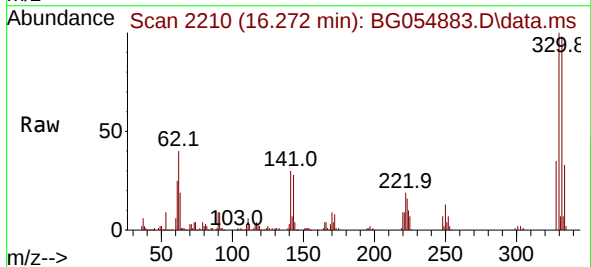
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

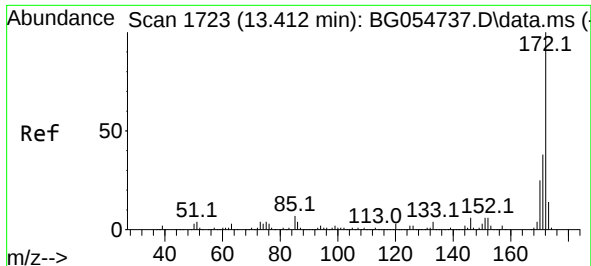
Tgt Ion:164 Resp: 92663
Ion Ratio Lower Upper
164 100
162 101.6 83.0 124.4
160 46.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 140.944 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

Tgt Ion:330 Resp: 163197
Ion Ratio Lower Upper
330 100
332 96.1 79.8 119.6
141 29.2 26.8 40.2

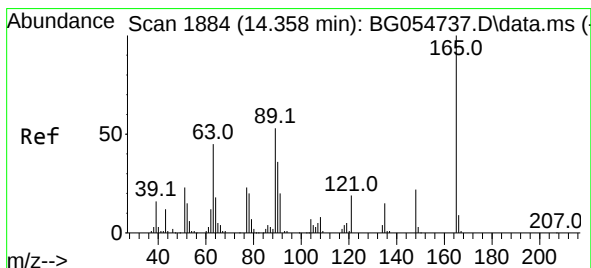
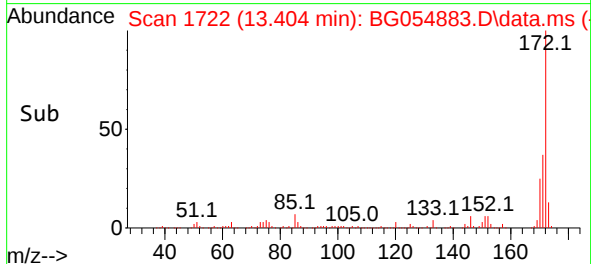
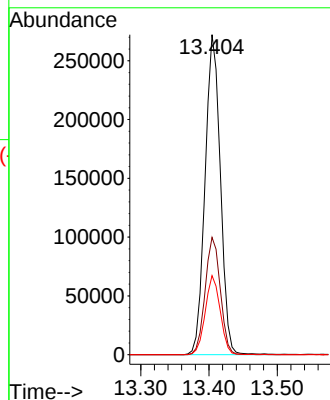
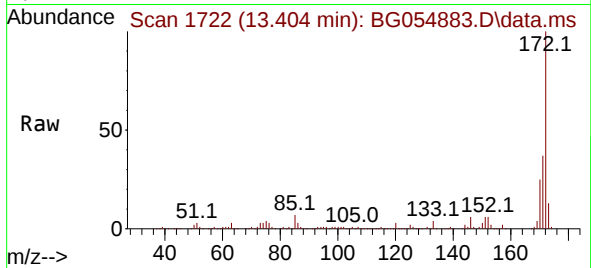




#45
2-Fluorobiphenyl
Concen: 68.913 ng
RT: 13.404 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

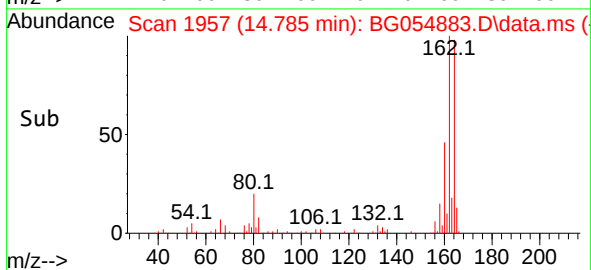
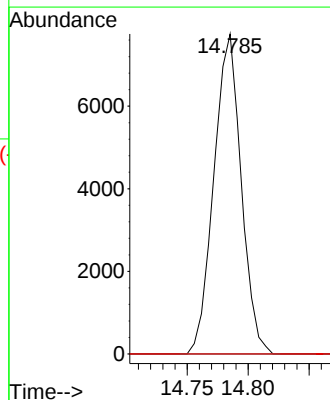
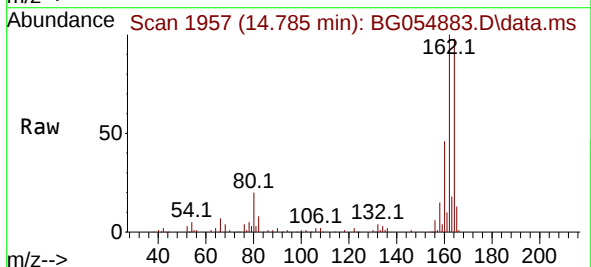
Instrument :
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ClientSampleId :
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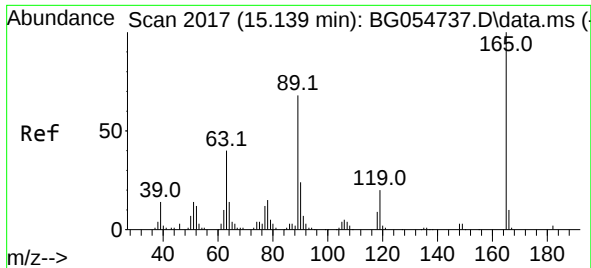
Tgt Ion:172 Resp: 424856
Ion Ratio Lower Upper
172 100
171 36.6 31.2 46.8
170 24.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.268 ng
RT: 14.785 min Scan# 1957
Delta R.T. 0.422 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

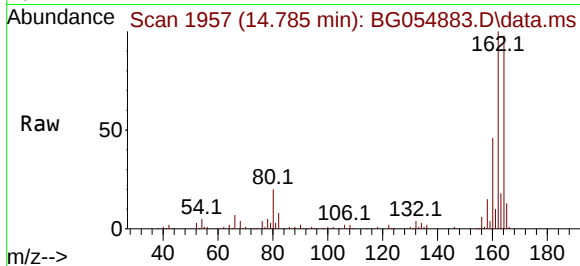
Tgt Ion:165 Resp: 12073
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#



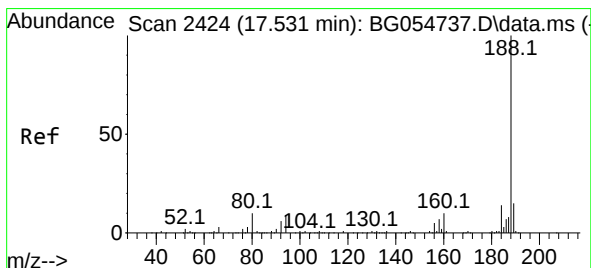
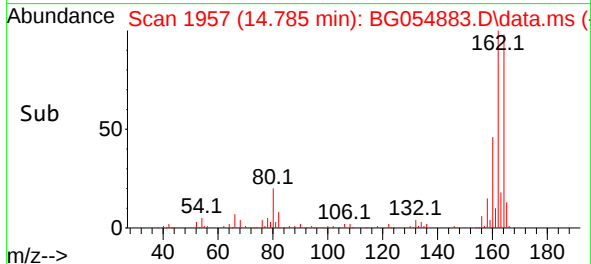
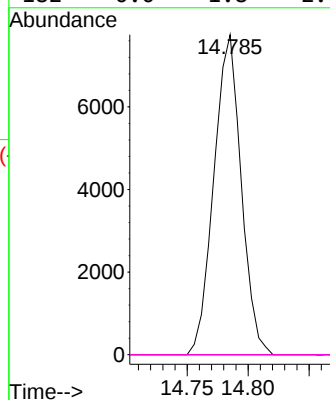


#57
2,4-Dinitrotoluene
Concen: 5.978 ng
RT: 14.785 min Scan# 1957
Delta R.T. -0.365 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

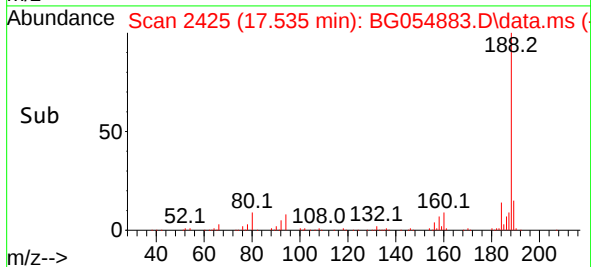
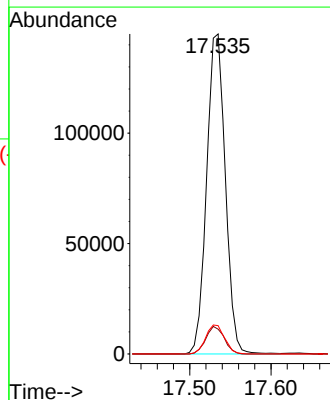
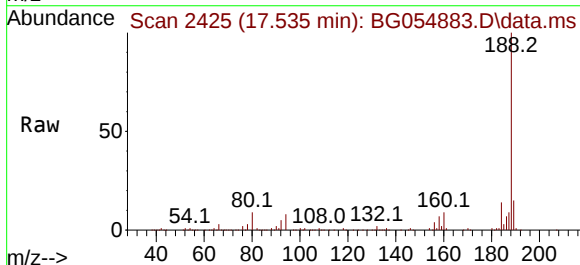


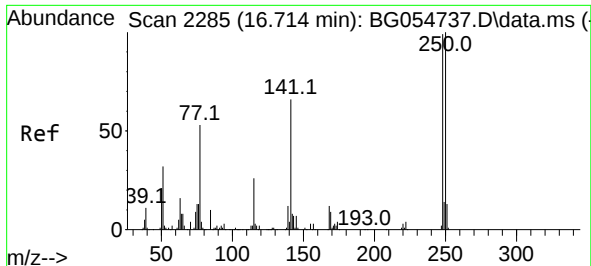
Tgt Ion:	165	Resp:	12073
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.8	55.2#
89	0.0	64.3	96.5#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.535 min Scan# 2425
Delta R.T. -0.001 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

Tgt Ion:	188	Resp:	231151
Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.0	10.4
80	8.8	7.9	11.9

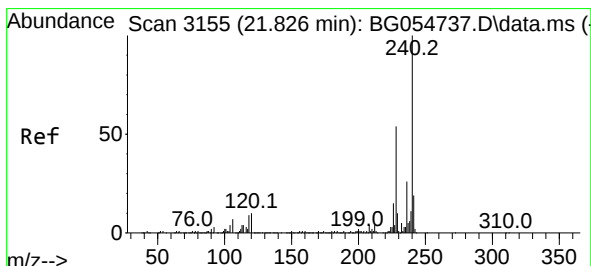
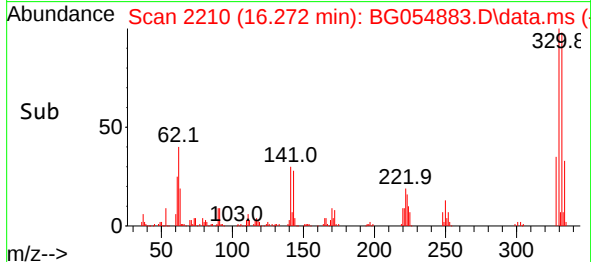
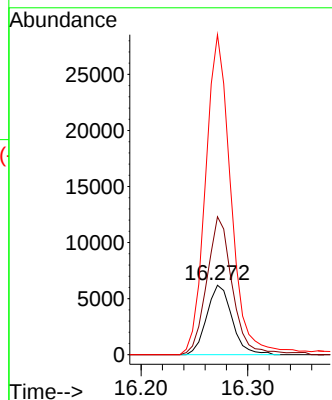
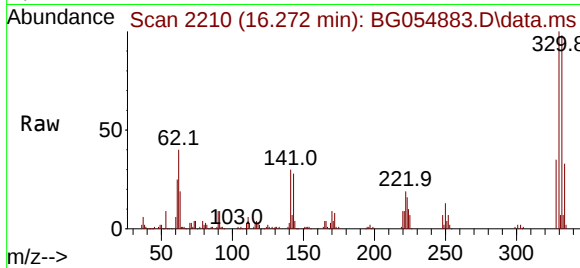




#67
4-Bromophenyl-phenylether
Concen: 4.022 ng
RT: 16.272 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

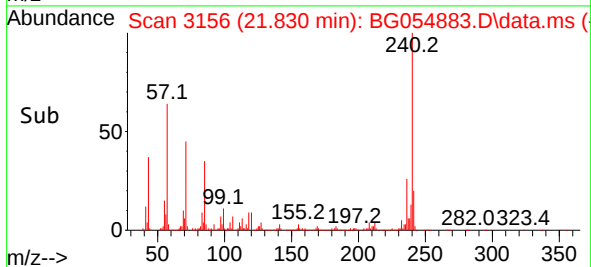
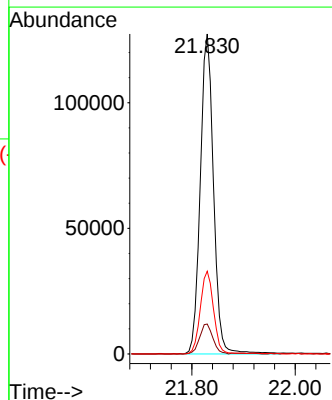
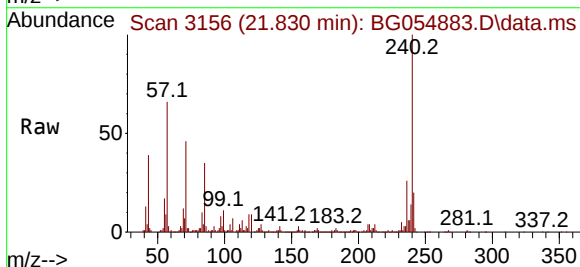
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

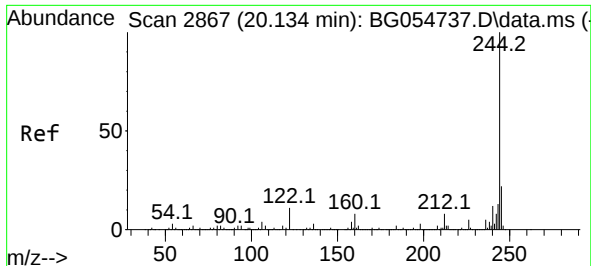
Tgt Ion:248 Resp: 10206
Ion Ratio Lower Upper
248 100
250 198.6 78.8 118.2#
141 460.7 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.830 min Scan# 3156
Delta R.T. -0.007 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

Tgt Ion:240 Resp: 226365
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.4
236 25.8 21.2 31.8





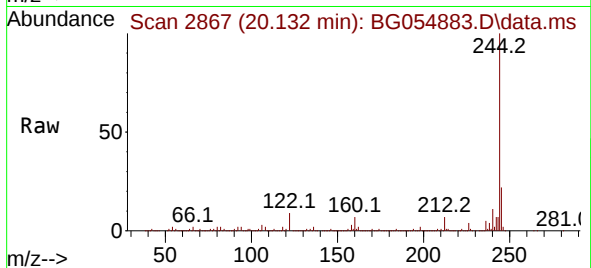
#79
 Terphenyl-d14
 Concen: 71.437 ng
 RT: 20.132 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054883.D
 Acq: 8 Sep 2022 14:21

Instrument :

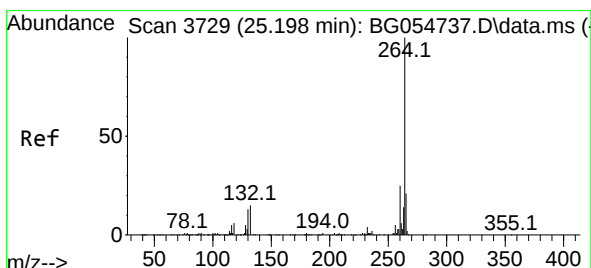
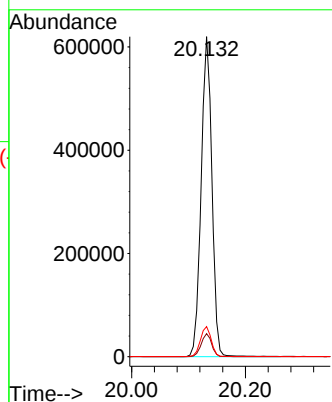
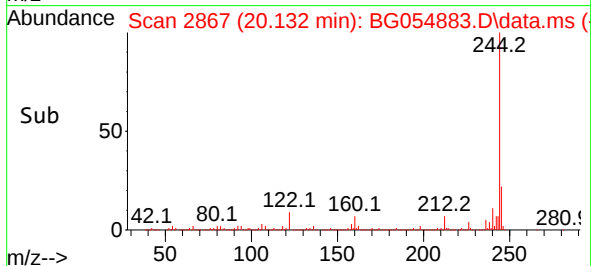
BNA_G

ClientSampleId :

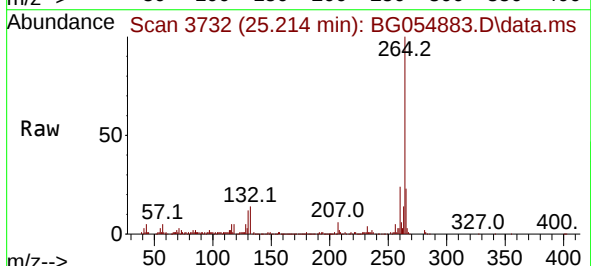
SB-08-COMP



Tgt Ion:244 Resp: 816140
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.4 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.214 min Scan# 3732
 Delta R.T. -0.007 min
 Lab File: BG054883.D
 Acq: 8 Sep 2022 14:21



Tgt Ion:264 Resp: 244907
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 22.6 16.9 25.3

