

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054884.D
 Acq On : 8 Sep 2022 15:03
 Operator : CG/JU
 Sample : N4530-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMP

Quant Time: Sep 09 02:49:13 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)

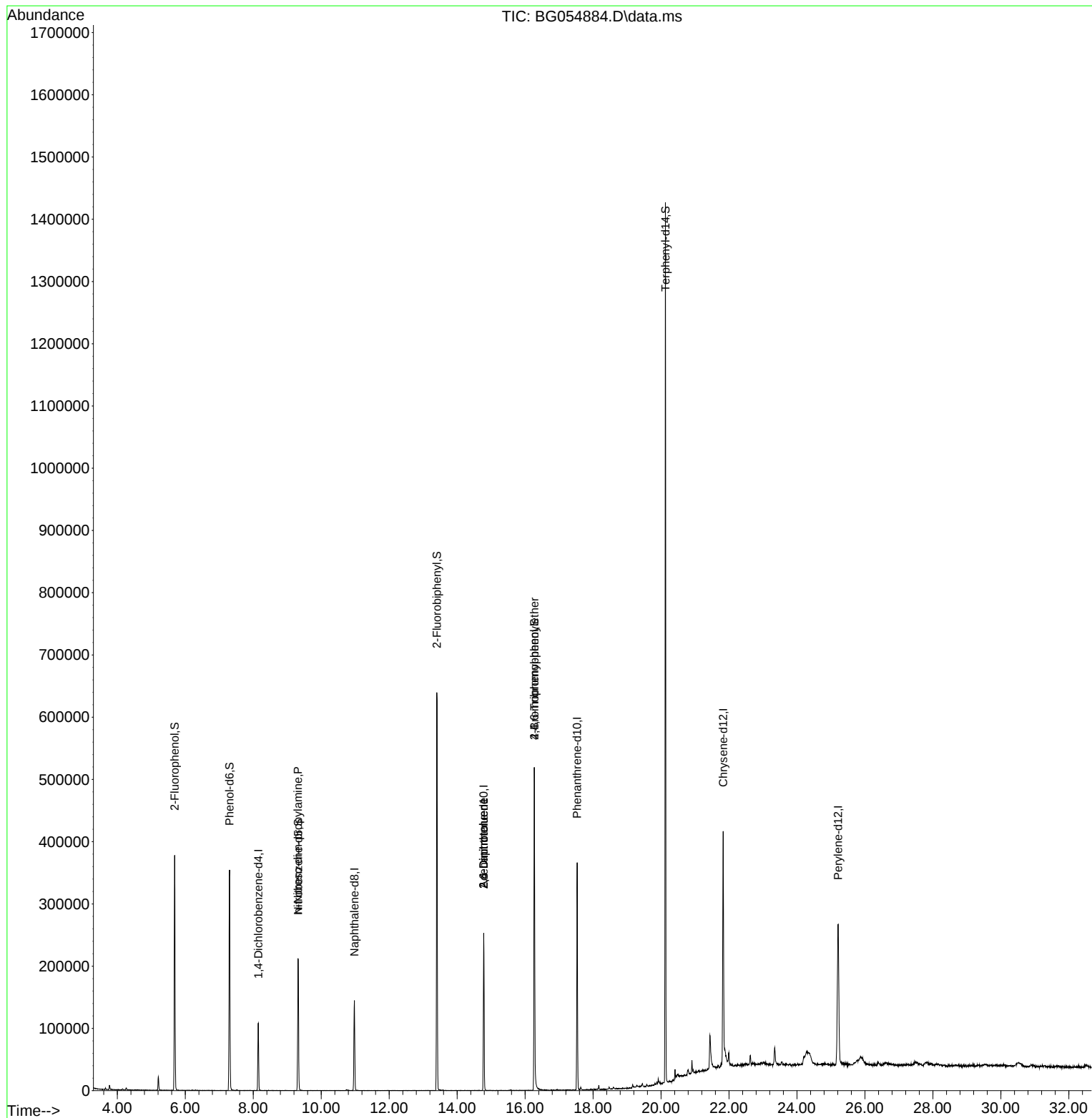
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	34531	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	133709	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	95081	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	243318	20.000	ng	0.00
76) Chrysene-d12	21.828	240	243310	20.000	ng	0.00
86) Perylene-d12	25.206	264	258618	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	180239	90.893	ng	0.00
7) Phenol-d6	7.303	99	237549	87.595	ng	0.00
23) Nitrobenzene-d5	9.325	82	140969	55.347	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	129225	108.766	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	363698	57.492	ng	0.00
79) Terphenyl-d14	20.130	244	705338	57.439	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.319	70	17189	9.217	ng	# 77
51) 2,6-Dinitrotoluene	14.783	165	12866	8.587	ng	# 20
57) 2,4-Dinitrotoluene	14.783	165	12866	6.208	ng	# 18
67) 4-Bromophenyl-phenylether	16.275	248	8173	3.059	ng	# 1

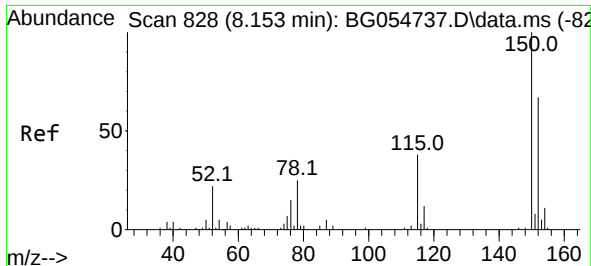
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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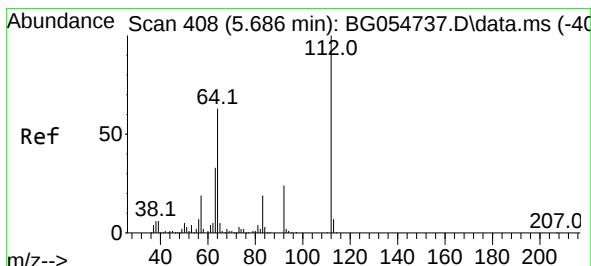
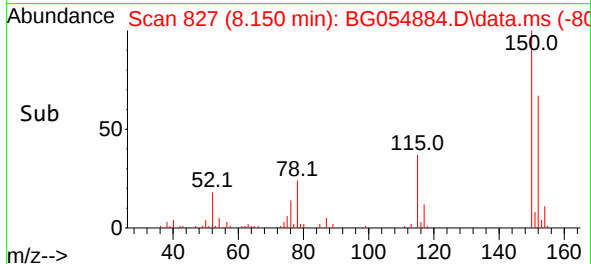
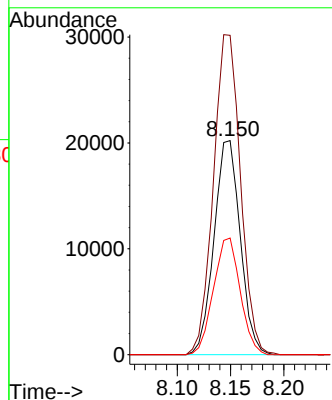
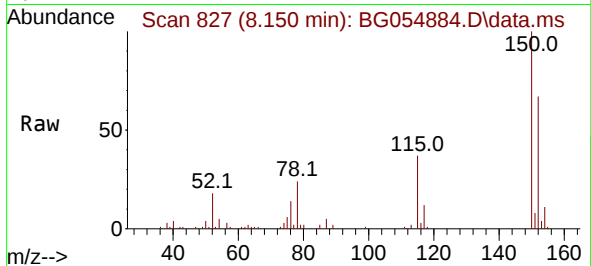




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

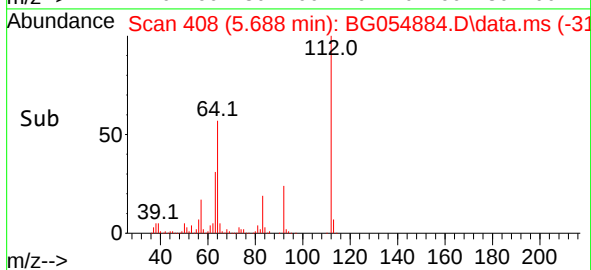
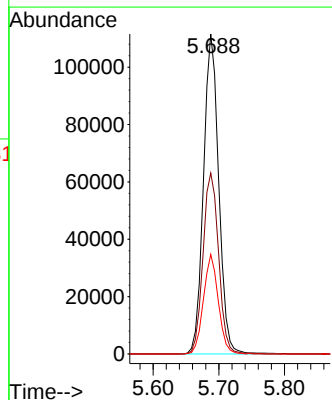
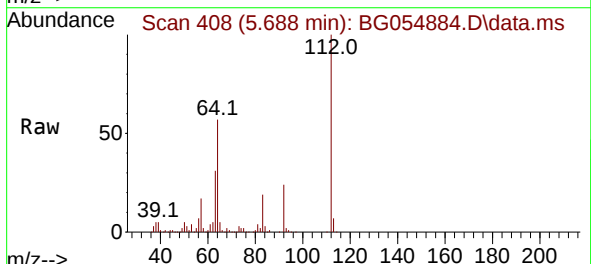
Instrument :
BNA_G
ClientSampleId :
SB-23-COMP

Tgt Ion:152 Resp: 34531
Ion Ratio Lower Upper
152 100
150 149.2 125.2 187.8
115 54.5 47.9 71.9



#5
2-Fluorophenol
Concen: 90.893 ng
RT: 5.688 min Scan# 408
Delta R.T. 0.003 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

Tgt Ion:112 Resp: 180239
Ion Ratio Lower Upper
112 100
64 56.6 49.3 73.9
63 31.1 26.3 39.5

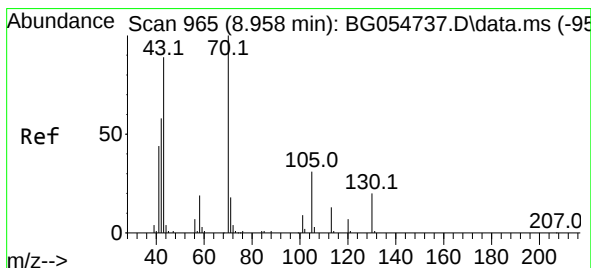
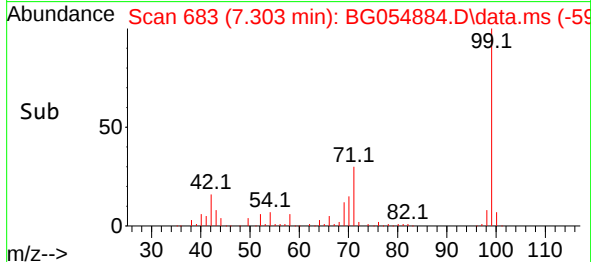
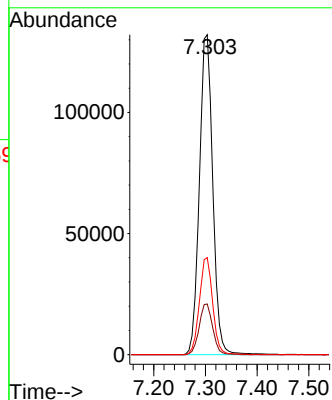
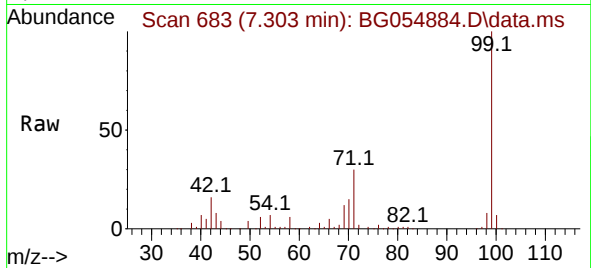




#7
Phenol-d6
Concen: 87.595 ng
RT: 7.303 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

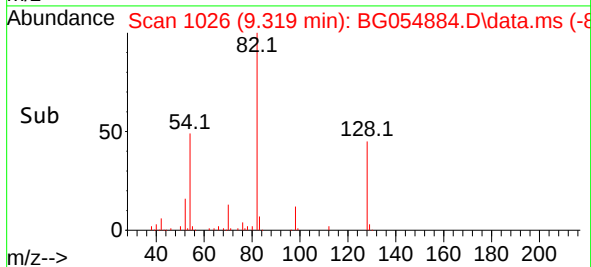
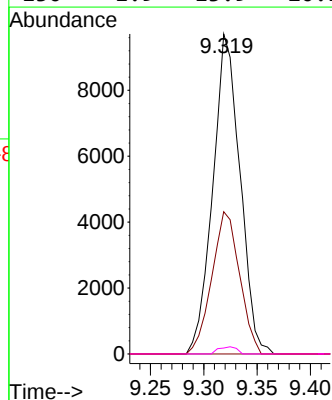
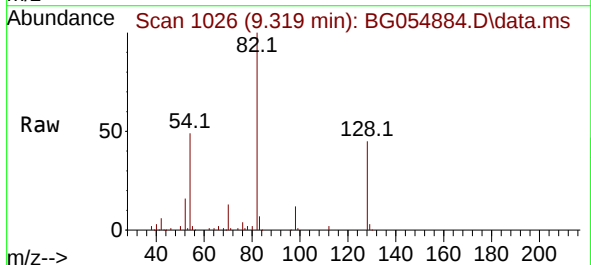
Instrument :
BNA_G
ClientSampleId :
SB-23-COMP

Tgt Ion: 99 Resp: 237549
Ion Ratio Lower Upper
99 100
42 15.9 14.6 22.0
71 30.3 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.217 ng
RT: 9.319 min Scan# 1026
Delta R.T. 0.361 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

Tgt Ion: 70 Resp: 17189
Ion Ratio Lower Upper
70 100
42 44.5 46.6 69.8#
101 0.0 7.7 11.5#
130 1.9 13.9 20.9#





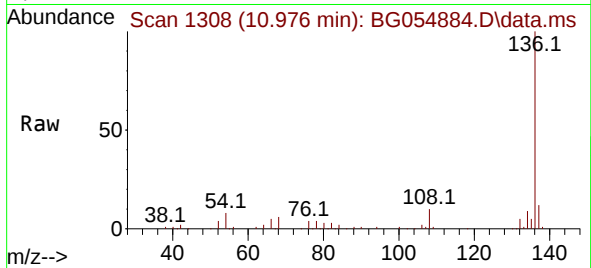
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

Instrument :

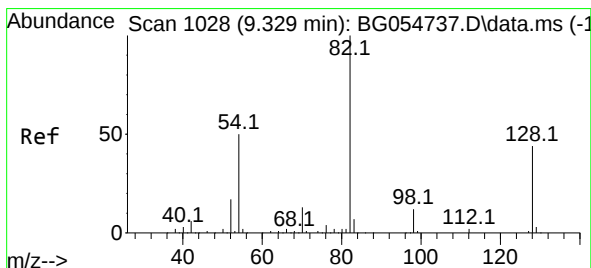
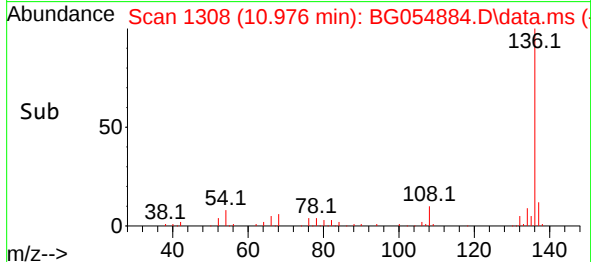
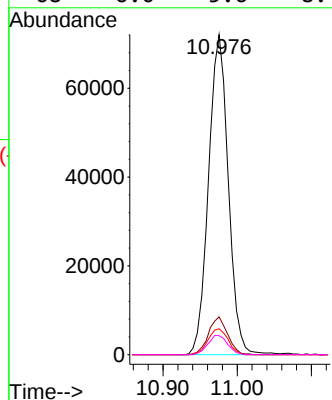
BNA_G

ClientSampleId :

SB-23-COMP

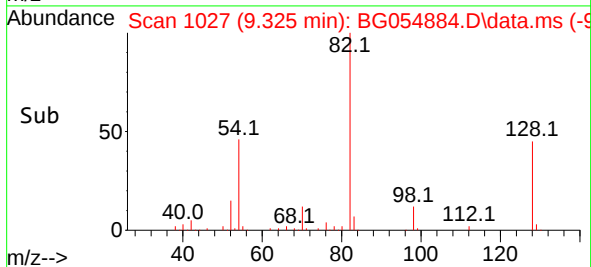
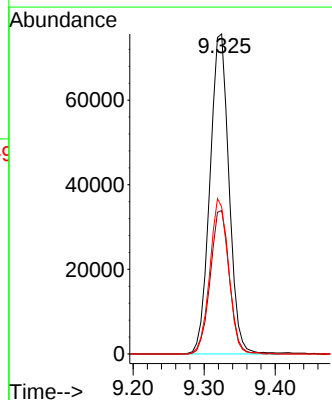
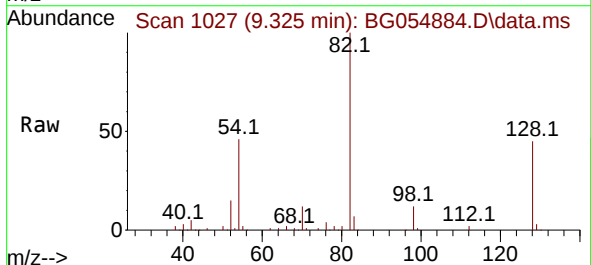


Tgt Ion:	136	Resp:	133709
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.2	13.8
54	8.1	7.7	11.5
68	6.0	5.6	8.4



#23
Nitrobenzene-d5
Concen: 55.347 ng
RT: 9.325 min Scan# 1027
Delta R.T. -0.003 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

Tgt Ion:	82	Resp:	140969
Ion Ratio	Lower	Upper	
82	100		
128	44.8	32.2	48.2
54	46.0	41.4	62.0

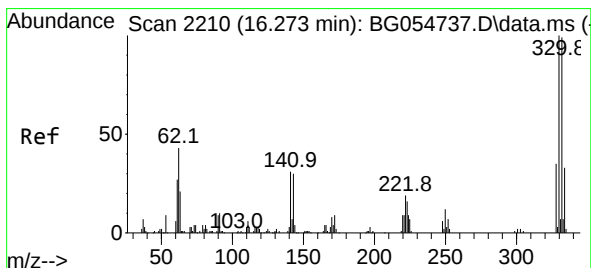
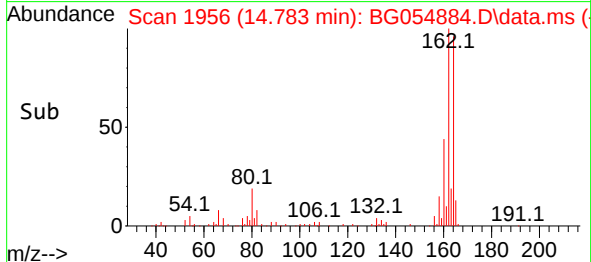
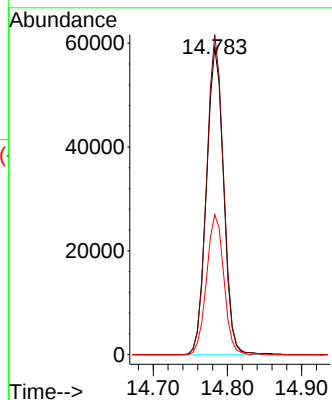
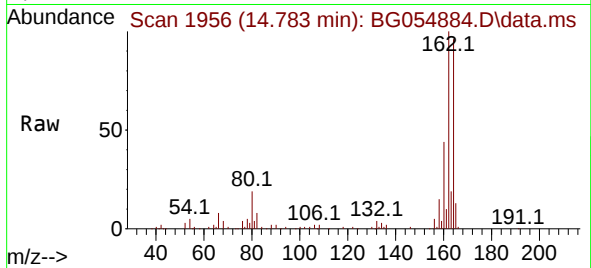




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

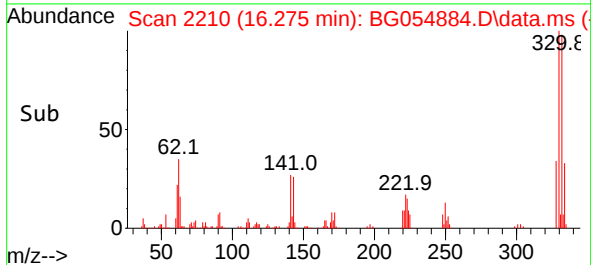
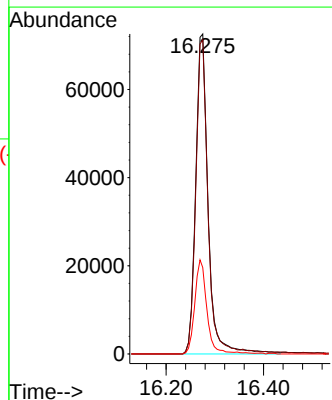
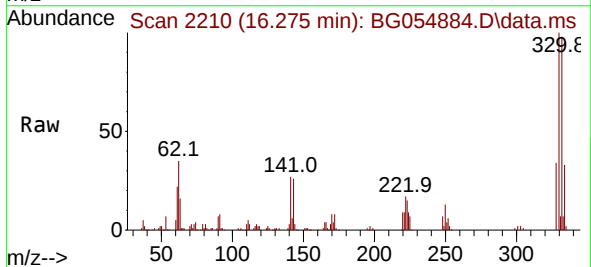
Instrument :
BNA_G
ClientSampleId :
SB-23-COMP

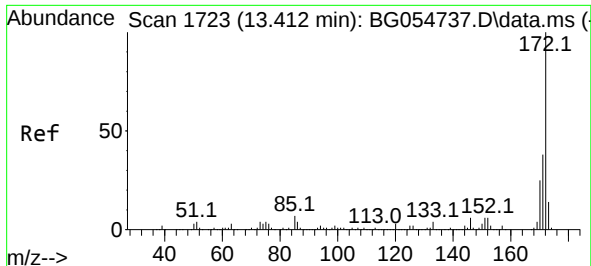
Tgt Ion:164 Resp: 95081
Ion Ratio Lower Upper
164 100
162 104.2 83.0 124.4
160 45.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 108.766 ng
RT: 16.275 min Scan# 2210
Delta R.T. -0.003 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

Tgt Ion:330 Resp: 129225
Ion Ratio Lower Upper
330 100
332 97.0 79.8 119.6
141 28.8 26.8 40.2

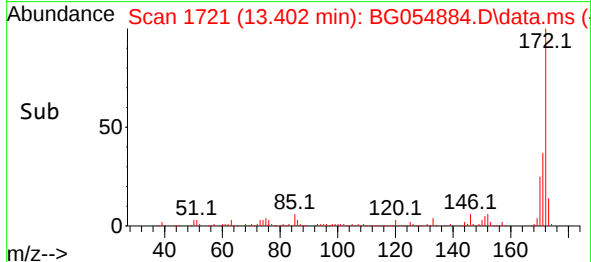
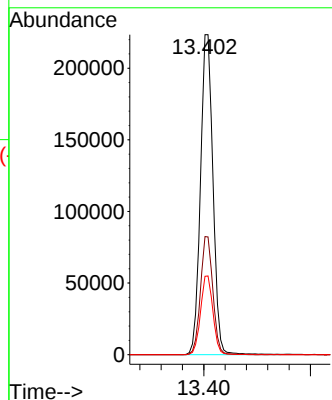
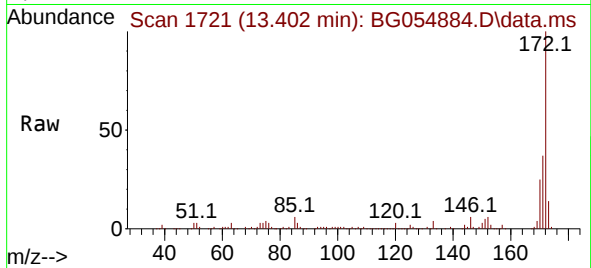




#45
2-Fluorobiphenyl
Concen: 57.492 ng
RT: 13.402 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

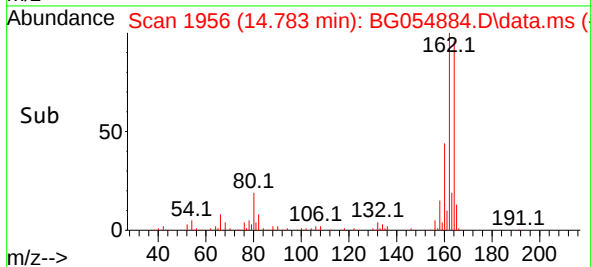
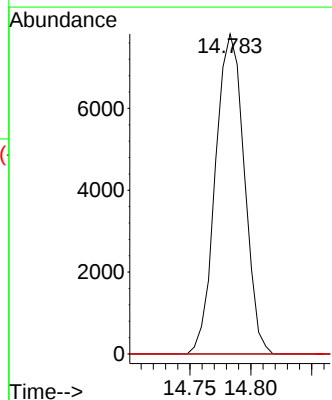
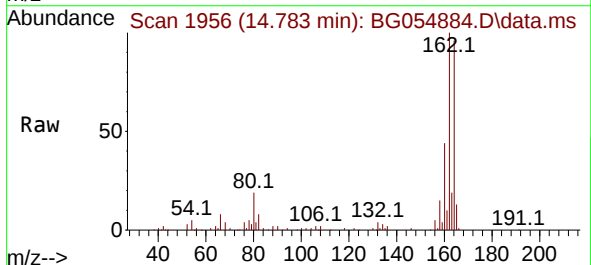
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ClientSampleId :
SB-23-COMP

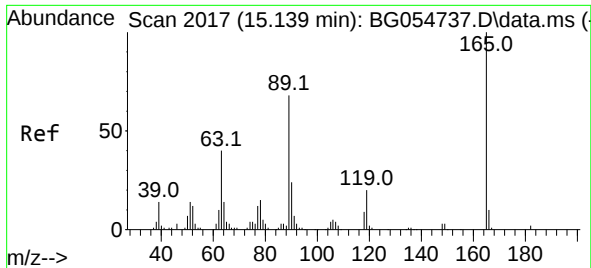
Tgt Ion:172 Resp: 363698
Ion Ratio Lower Upper
172 100
171 36.9 31.2 46.8
170 24.5 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.587 ng
RT: 14.783 min Scan# 1956
Delta R.T. 0.420 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

Tgt Ion:165 Resp: 12866
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

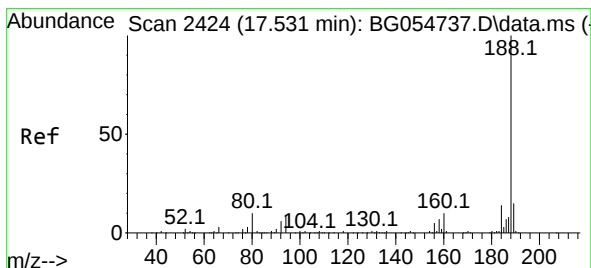
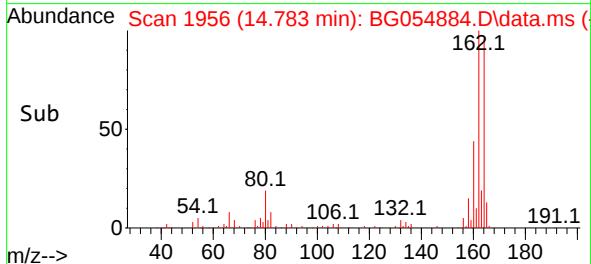
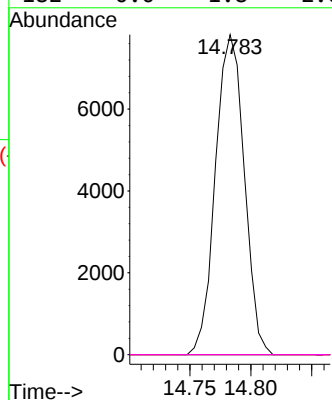
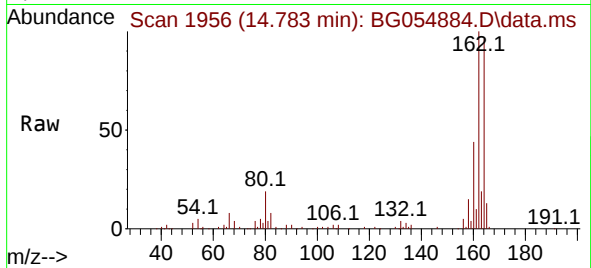




#57
2,4-Dinitrotoluene
Concen: 6.208 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.367 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

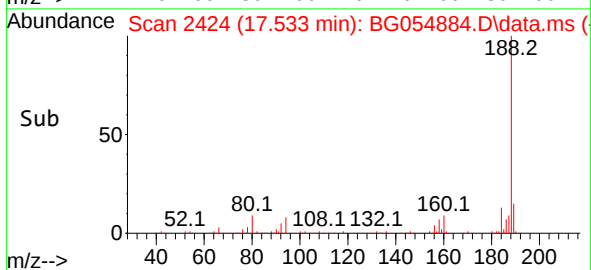
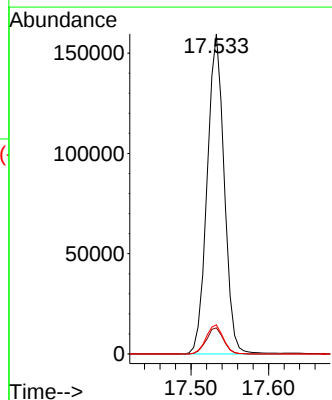
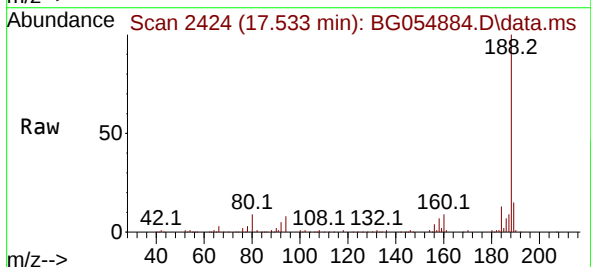
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ClientSampleId :
SB-23-COMP

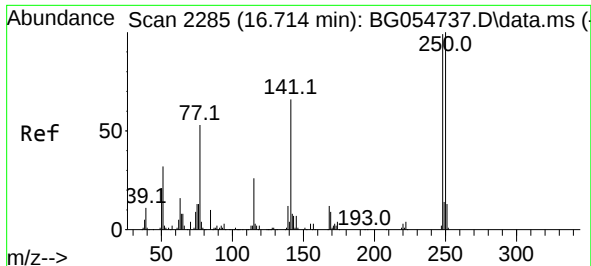
Tgt Ion:165 Resp: 12866
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.533 min Scan# 2424
Delta R.T. -0.003 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

Tgt Ion:188 Resp: 243318
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 9.1 7.9 11.9

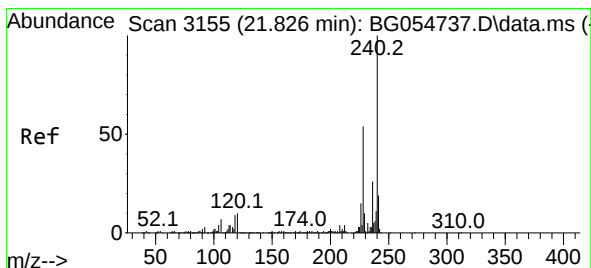
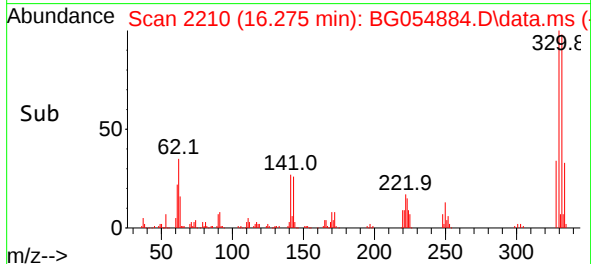
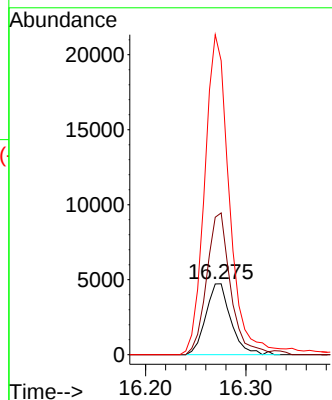
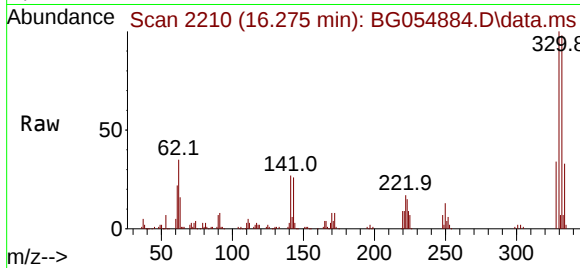




#67
4-Bromophenyl-phenylether
Concen: 3.059 ng
RT: 16.275 min Scan# 2110
Delta R.T. -0.444 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

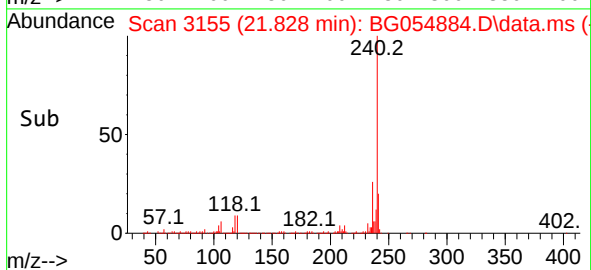
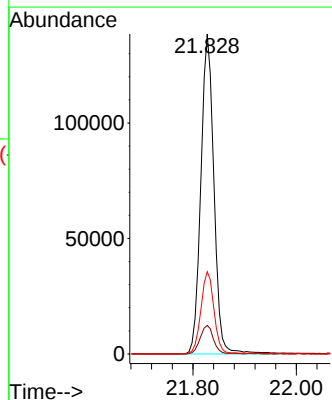
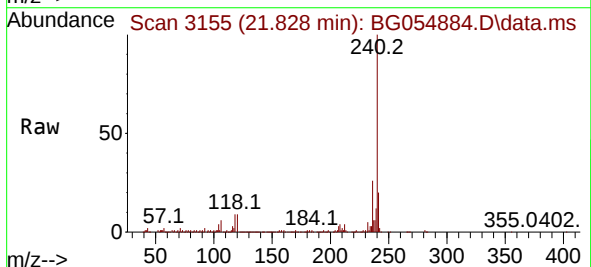
Instrument :
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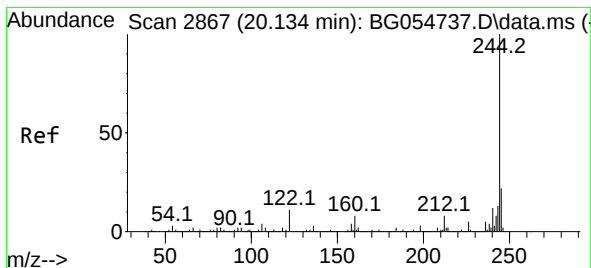
Tgt Ion:248 Resp: 8173
Ion Ratio Lower Upper
248 100
250 199.8 78.8 118.2#
141 414.6 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.828 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG054884.D
Acq: 8 Sep 2022 15:03

Tgt Ion:240 Resp: 243310
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.4
236 25.7 21.2 31.8





#79

Terphenyl-d14

Concen: 57.439 ng

RT: 20.130 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG054884.D

Acq: 8 Sep 2022 15:03

Instrument :

BNA_G

ClientSampleId :

SB-23-COMP

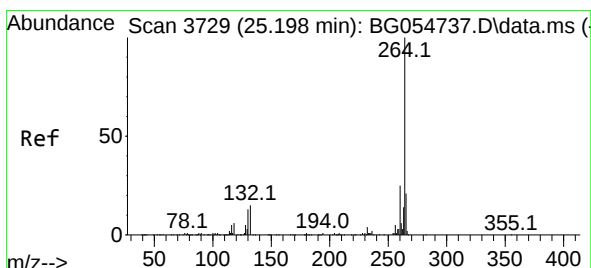
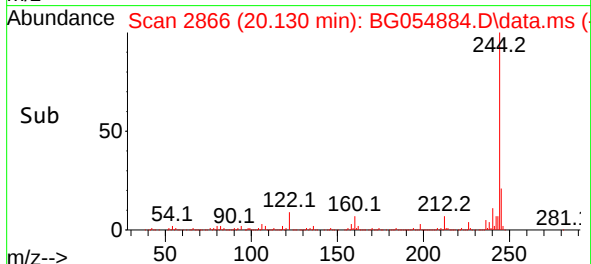
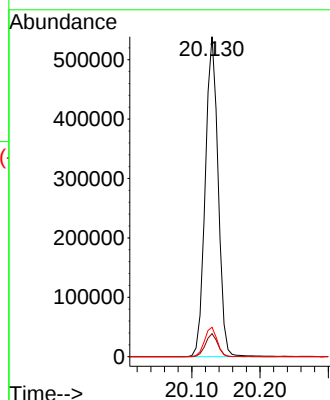
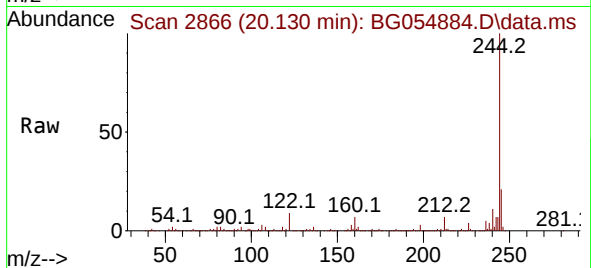
Tgt Ion:244 Resp: 705338

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 9.2 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.206 min Scan# 3730

Delta R.T. -0.015 min

Lab File: BG054884.D

Acq: 8 Sep 2022 15:03

Tgt Ion:264 Resp: 258618

Ion Ratio Lower Upper

264 100

260 24.5 19.9 29.9

265 21.4 16.9 25.3

