

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
 Data File : BG054453.D
 Acq On : 29 Jul 2022 17:34
 Operator : CG/JU
 Sample : N3895-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-48

Quant Time: Jul 30 03:18:36 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)

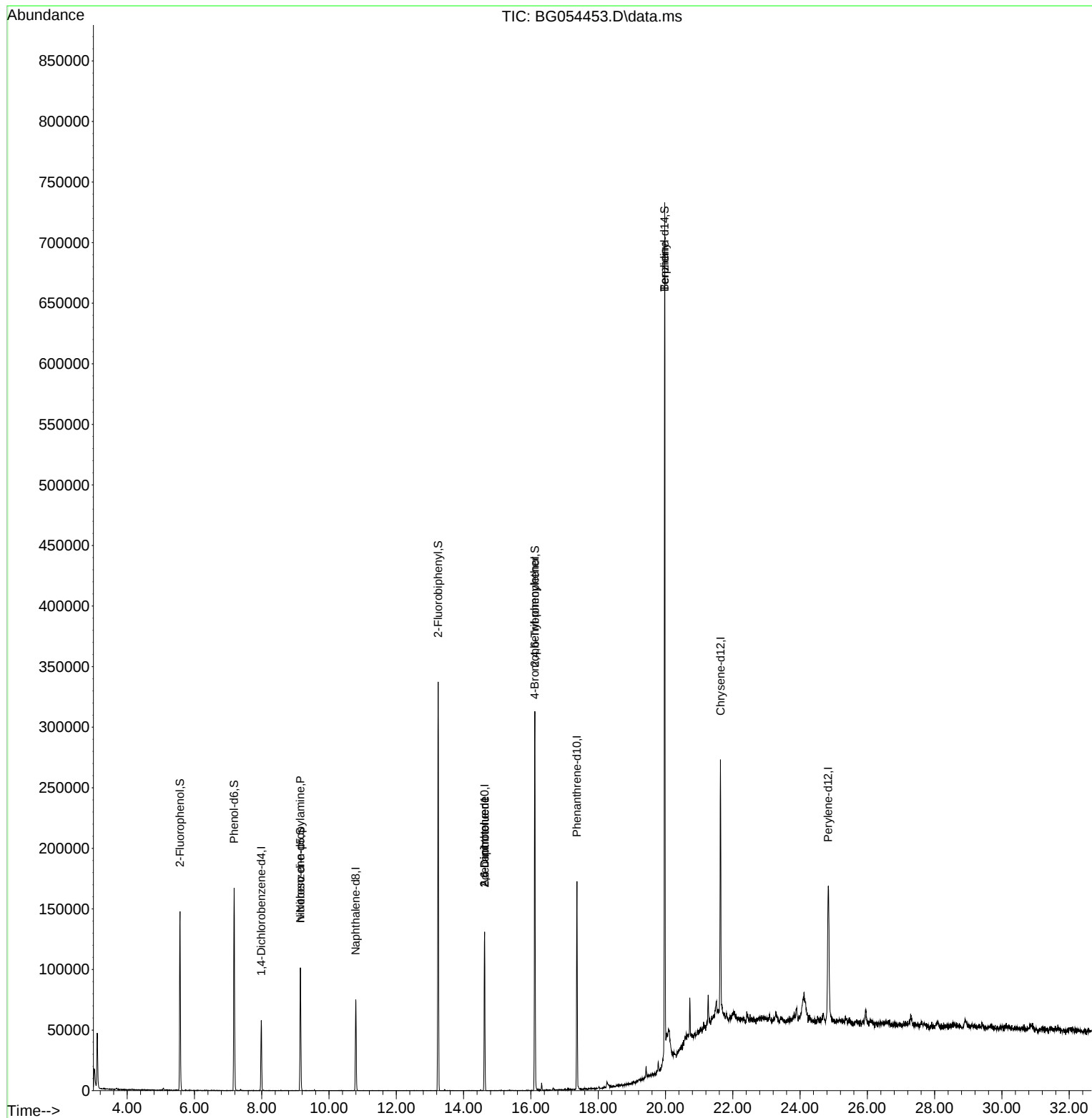
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	17531	20.000	ng	0.00
21) Naphthalene-d8	10.794	136	68722	20.000	ng	# 0.00
39) Acenaphthene-d10	14.625	164	51393	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	124580	20.000	ng	# 0.00
76) Chrysene-d12	21.634	240	136232	20.000	ng	# 0.00
86) Perylene-d12	24.836	264	145636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.571	112	67849	80.806	ng	0.00
7) Phenol-d6	7.180	99	93602	81.355	ng	0.00
23) Nitrobenzene-d5	9.149	82	62854	49.807	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	85513	79.248	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	198296	54.431	ng	0.00
79) Terphenyl-d14	19.977	244	394854	57.498	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.149	70	8603	11.197	ng	# 79
51) 2,6-Dinitrotoluene	14.625	165	7058	8.016	ng	# 16
57) 2,4-Dinitrotoluene	14.625	165	7058	5.592	ng	# 21
67) 4-Bromophenyl-phenylether	16.111	248	5083	2.905	ng	# 1
77) Benzidine	19.977	184	5115	2.073	ng	# 88

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

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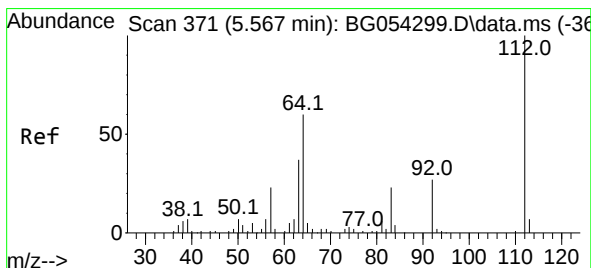
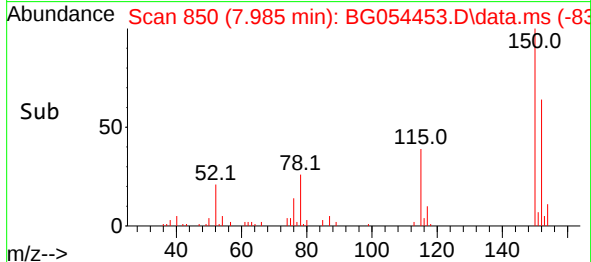
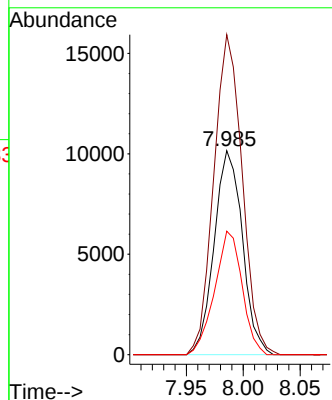
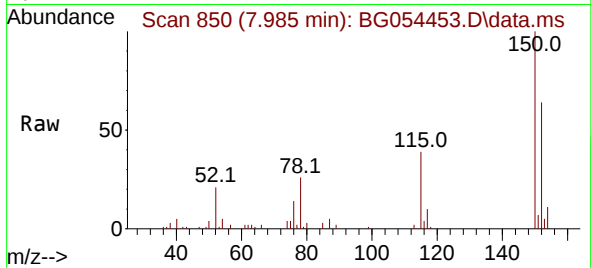




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.985 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054453.D
Acq: 29 Jul 2022 17:34

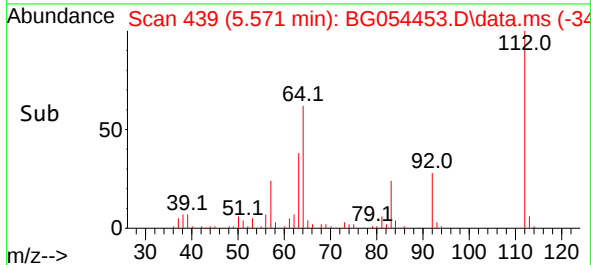
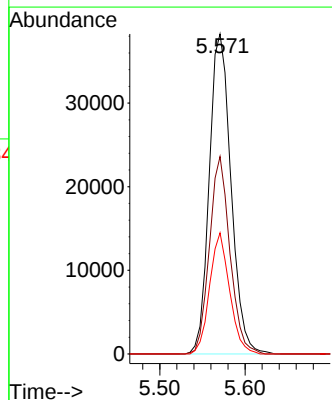
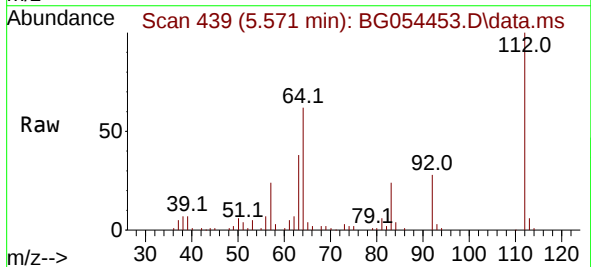
Instrument :
BNA_G
ClientSampleId :
RVE-48

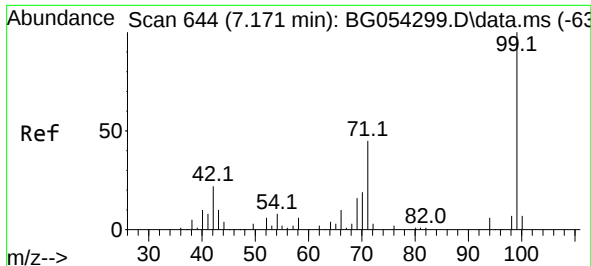
Tgt Ion:152 Resp: 17531
Ion Ratio Lower Upper
152 100
150 156.9 131.6 197.4
115 60.6 50.9 76.3



#5
2-Fluorophenol
Concen: 80.806 ng
RT: 5.571 min Scan# 439
Delta R.T. 0.009 min
Lab File: BG054453.D
Acq: 29 Jul 2022 17:34

Tgt Ion:112 Resp: 67849
Ion Ratio Lower Upper
112 100
64 61.7 55.1 82.7
63 37.9 30.4 45.6

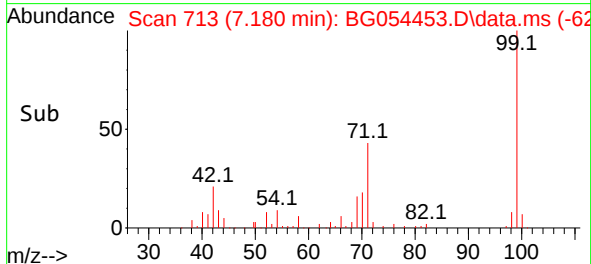
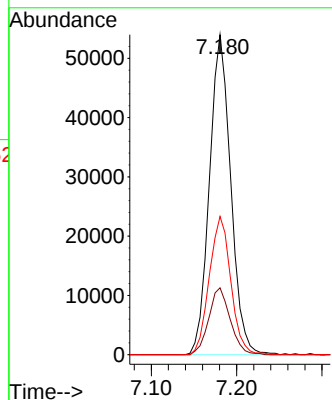
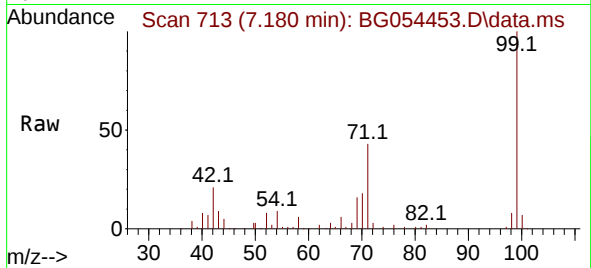




#7
Phenol-d6
Concen: 81.355 ng
RT: 7.180 min Scan# 71
Delta R.T. 0.009 min
Lab File: BG054453.D
Acq: 29 Jul 2022 17:34

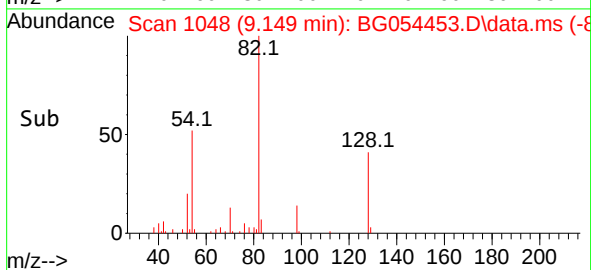
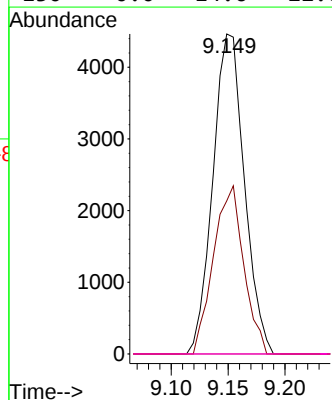
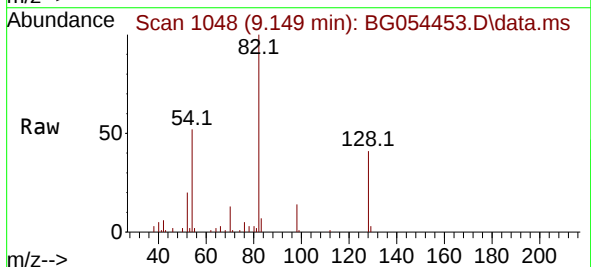
Instrument :
BNA_G
ClientSampleId :
RVE-48

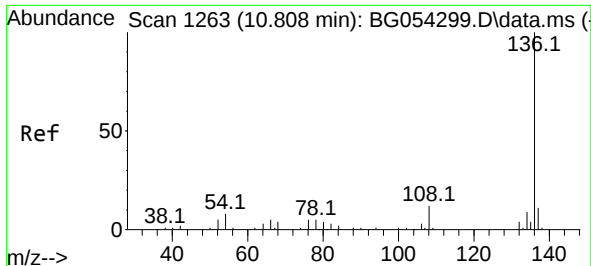
Tgt Ion: 99 Resp: 93602
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 43.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.197 ng
RT: 9.149 min Scan# 1048
Delta R.T. 0.355 min
Lab File: BG054453.D
Acq: 29 Jul 2022 17:34

Tgt Ion: 70 Resp: 8603
Ion Ratio Lower Upper
70 100
42 47.8 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

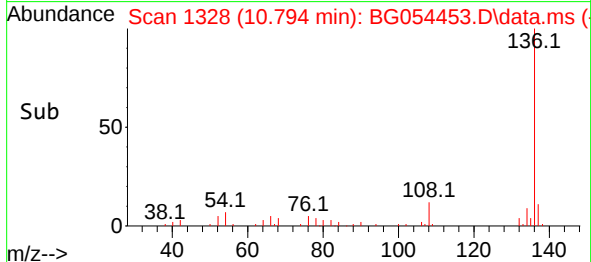
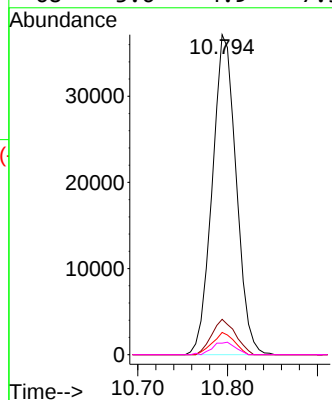
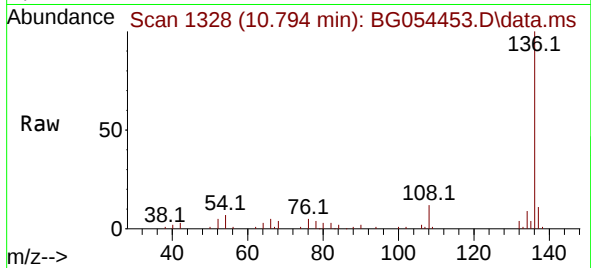




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.794 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054453.D
Acq: 29 Jul 2022 17:34

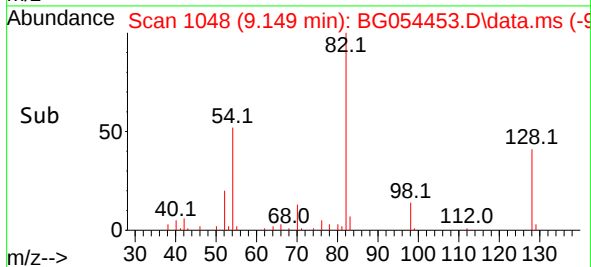
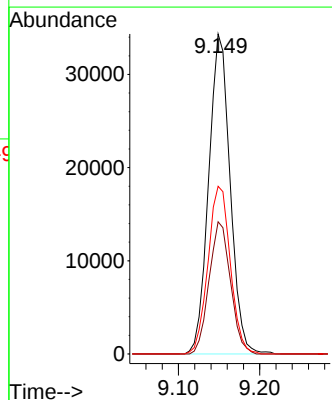
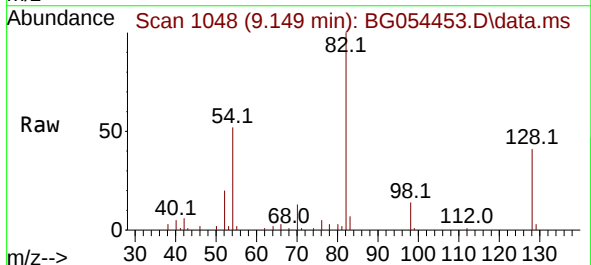
Instrument :
BNA_G
ClientSampleId :
RVE-48

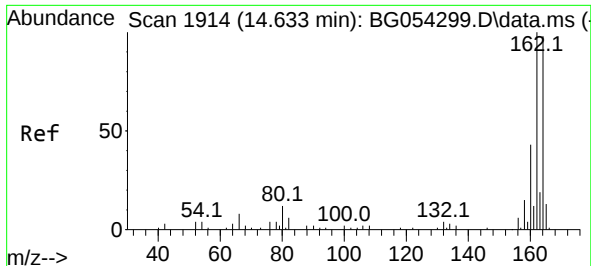
Tgt Ion:	136	Resp:	68722
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	6.9	7.4	11.2#
68	3.6	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 49.807 ng
RT: 9.149 min Scan# 1048
Delta R.T. -0.003 min
Lab File: BG054453.D
Acq: 29 Jul 2022 17:34

Tgt Ion:	82	Resp:	62854
Ion Ratio	Lower	Upper	
82	100		
128	41.3	27.9	41.9
54	52.4	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.625 min Scan# 1914

Delta R.T. 0.003 min

Lab File: BG054453.D

Acq: 29 Jul 2022 17:34

Instrument :

BNA_G

ClientSampleId :

RVE-48

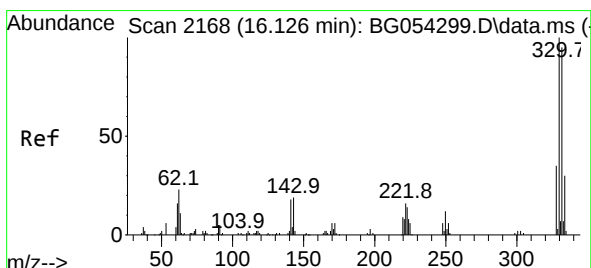
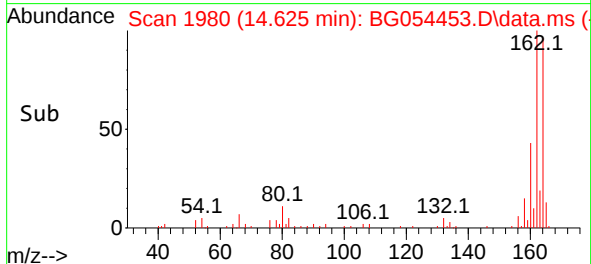
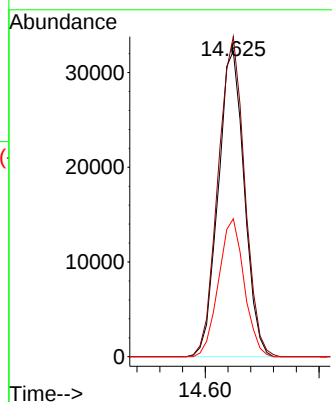
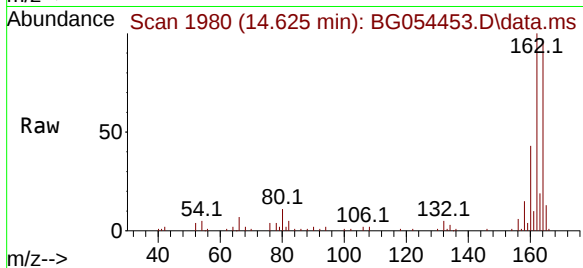
Tgt Ion:164 Resp: 51393

Ion Ratio Lower Upper

164 100

162 104.7 82.3 123.5

160 45.1 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 79.248 ng

RT: 16.117 min Scan# 2234

Delta R.T. 0.003 min

Lab File: BG054453.D

Acq: 29 Jul 2022 17:34

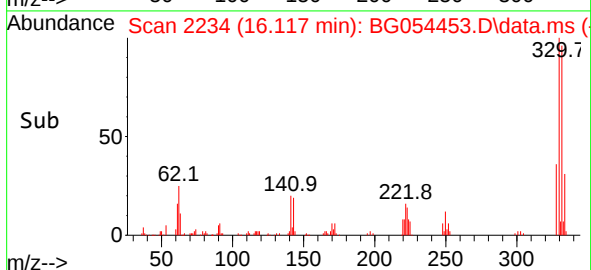
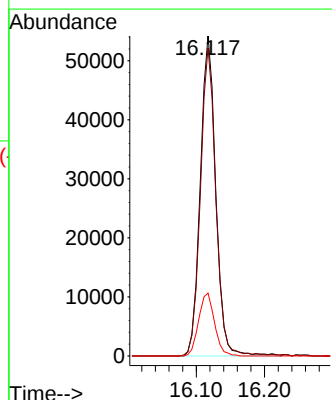
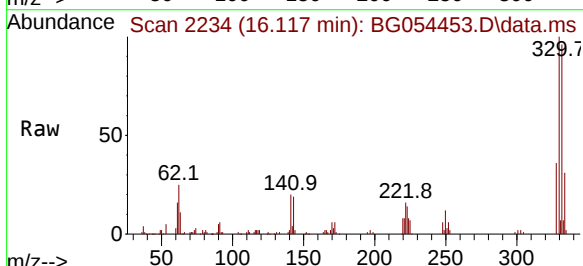
Tgt Ion:330 Resp: 85513

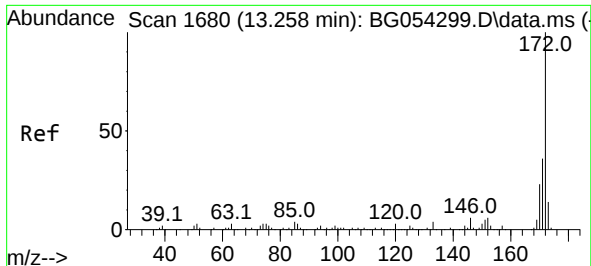
Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

141 20.1 27.1 40.7#

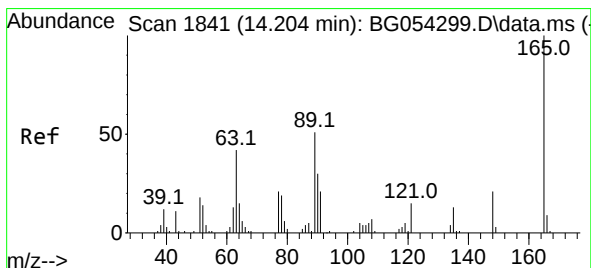
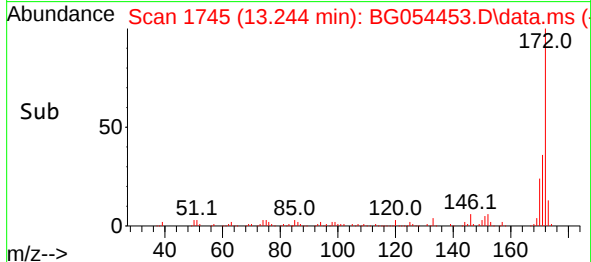
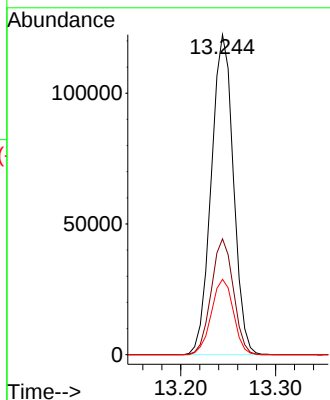
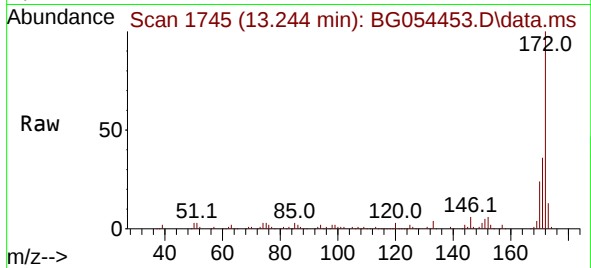




#45
2-Fluorobiphenyl
Concen: 54.431 ng
RT: 13.244 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054453.D
Acq: 29 Jul 2022 17:34

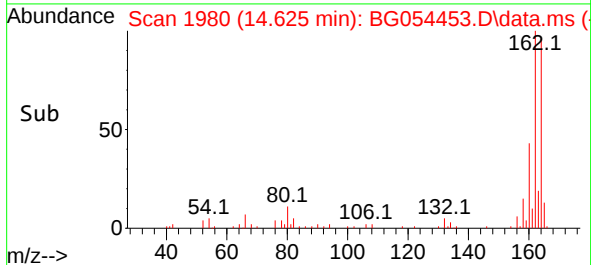
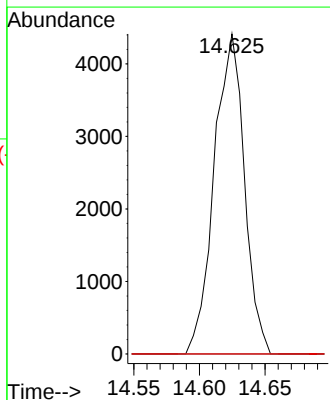
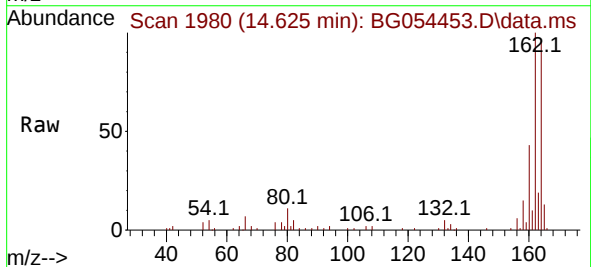
Instrument :
BNA_G
ClientSampleId :
RVE-48

Tgt Ion:172 Resp: 198296
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.016 ng
RT: 14.625 min Scan# 1980
Delta R.T. 0.426 min
Lab File: BG054453.D
Acq: 29 Jul 2022 17:34

Tgt Ion:165 Resp: 7058
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

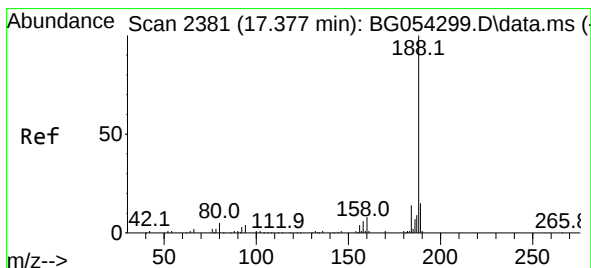
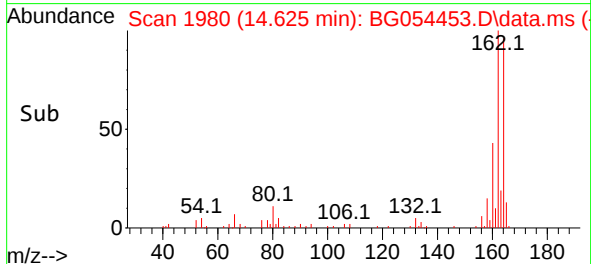
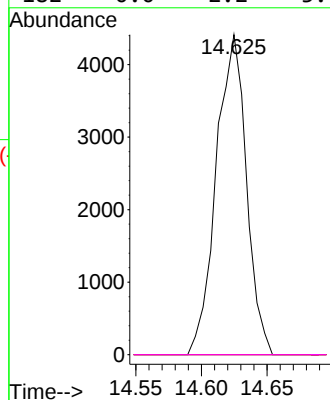
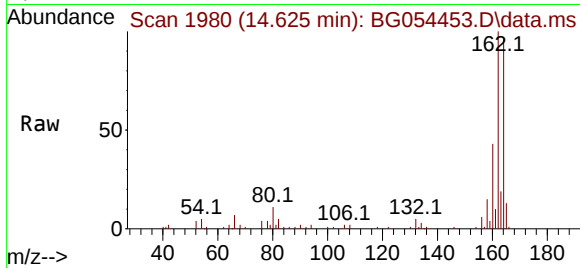




#57
2,4-Dinitrotoluene
Concen: 5.592 ng
RT: 14.625 min Scan# 14
Delta R.T. -0.367 min
Lab File: BG054453.D
Acq: 29 Jul 2022 17:34

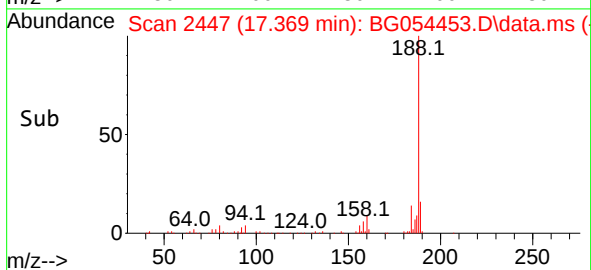
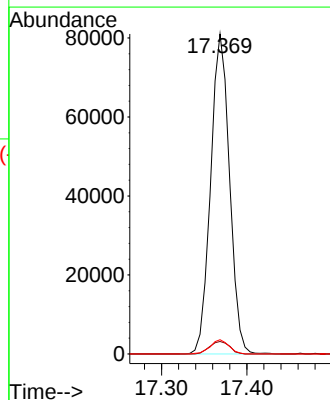
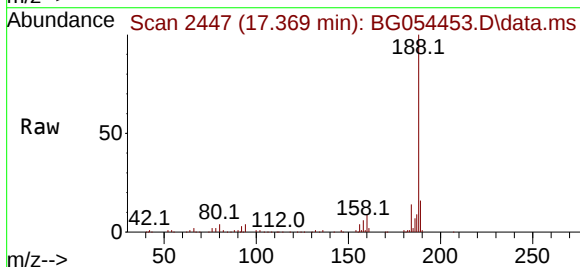
Instrument :
BNA_G
ClientSampleId :
RVE-48

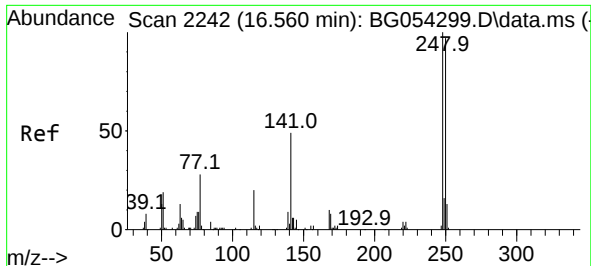
Tgt Ion:165	Resp:	7058
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	0.0	60.3
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2447
Delta R.T. -0.003 min
Lab File: BG054453.D
Acq: 29 Jul 2022 17:34

Tgt Ion:188	Resp:	124580
Ion Ratio	Lower	Upper
188	100	
94	3.9	5.4
80	4.5	6.8

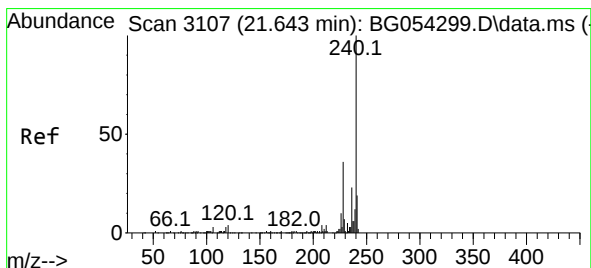
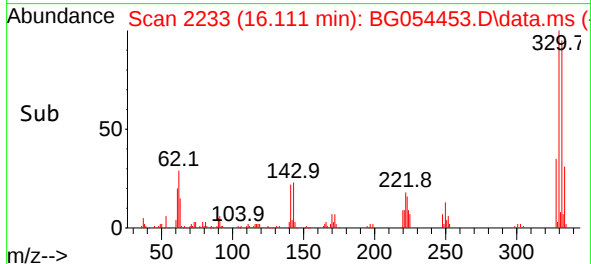
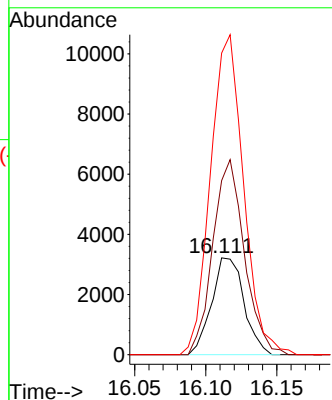
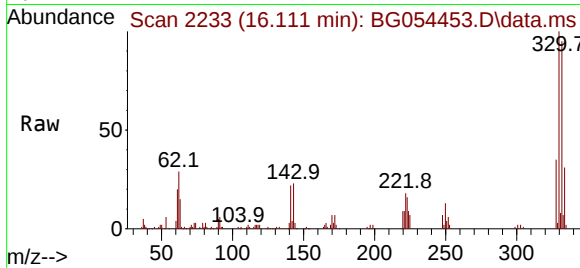




#67
4-Bromophenyl-phenylether
Concen: 2.905 ng
RT: 16.111 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG054453.D
Acq: 29 Jul 2022 17:34

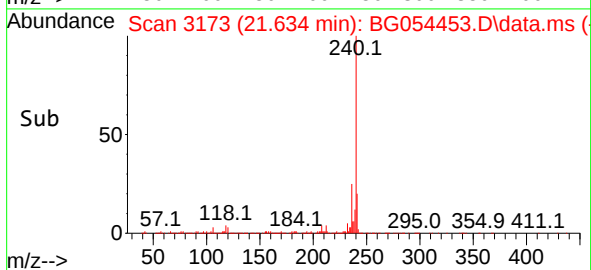
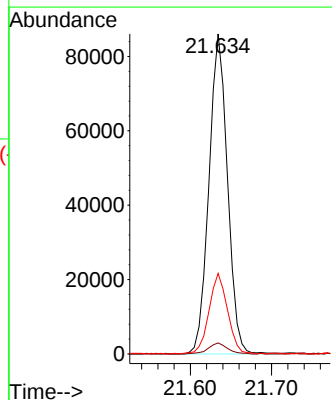
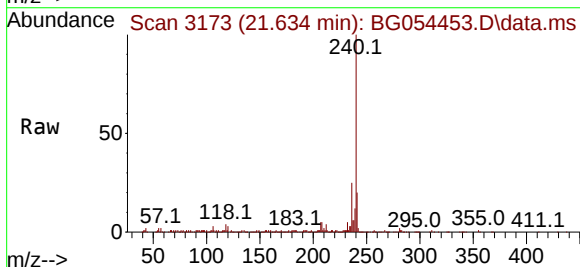
Instrument :
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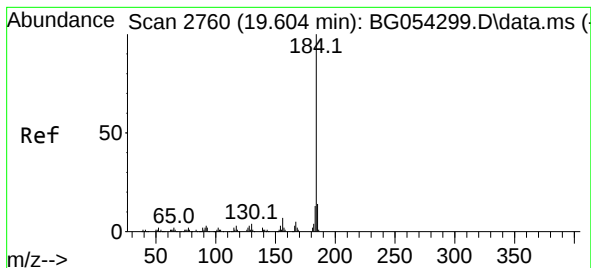
Tgt Ion:248 Resp: 5083
Ion Ratio Lower Upper
248 100
250 233.8 75.2 112.8#
141 311.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG054453.D
Acq: 29 Jul 2022 17:34

Tgt Ion:240 Resp: 136232
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 25.2 20.2 30.4





#77

Benzidine

Concen: 2.073 ng

RT: 19.977 min Scan# 2891

Delta R.T. 0.379 min

Lab File: BG054453.D

Acq: 29 Jul 2022 17:34

Instrument :

BNA_G

ClientSampleId :

RVE-48

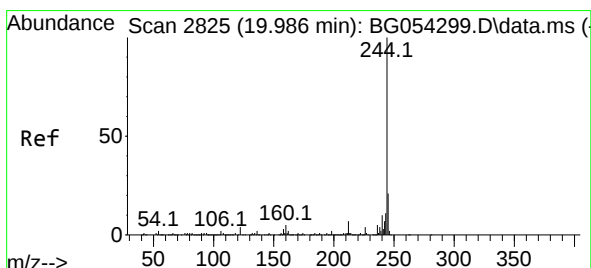
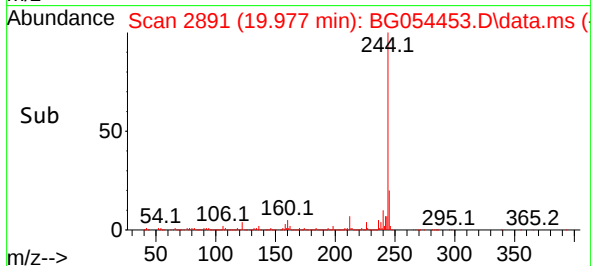
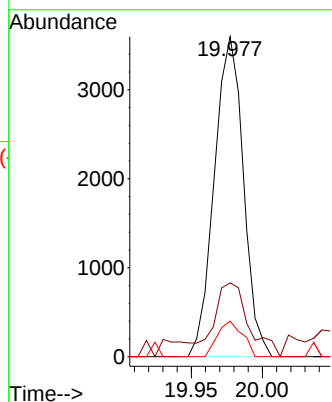
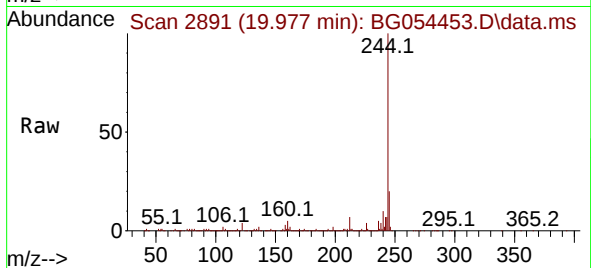
Tgt Ion:184 Resp: 5115

Ion Ratio Lower Upper

184 100

185 23.0 11.8 17.6#

183 11.1 8.9 13.3



#79

Terphenyl-d14

Concen: 57.498 ng

RT: 19.977 min Scan# 2891

Delta R.T. -0.003 min

Lab File: BG054453.D

Acq: 29 Jul 2022 17:34

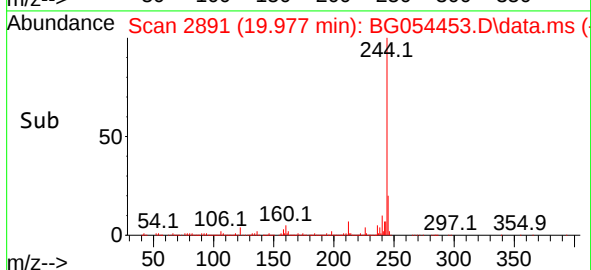
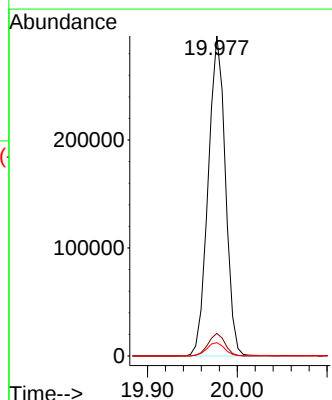
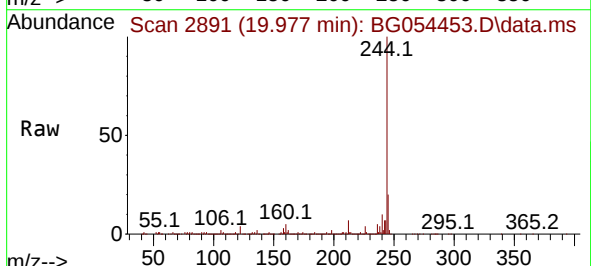
Tgt Ion:244 Resp: 394854

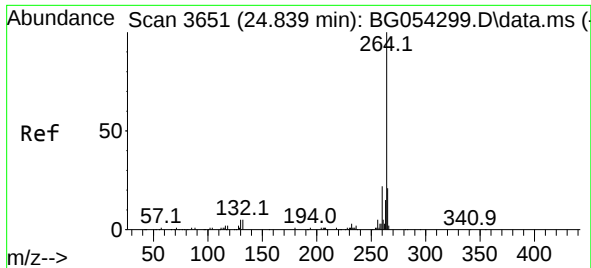
Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 4.2 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.836 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BG054453.D
 Acq: 29 Jul 2022 17:34

Instrument :
 BNA_G
 ClientSampleId :
 RVE-48

Tgt Ion:264 Resp: 145636
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 22.5 17.4 26.2

