

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
 Data File : BG054445.D
 Acq On : 29 Jul 2022 12:02
 Operator : CG/JU
 Sample : N3895-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-47

Quant Time: Jul 30 03:17:42 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)

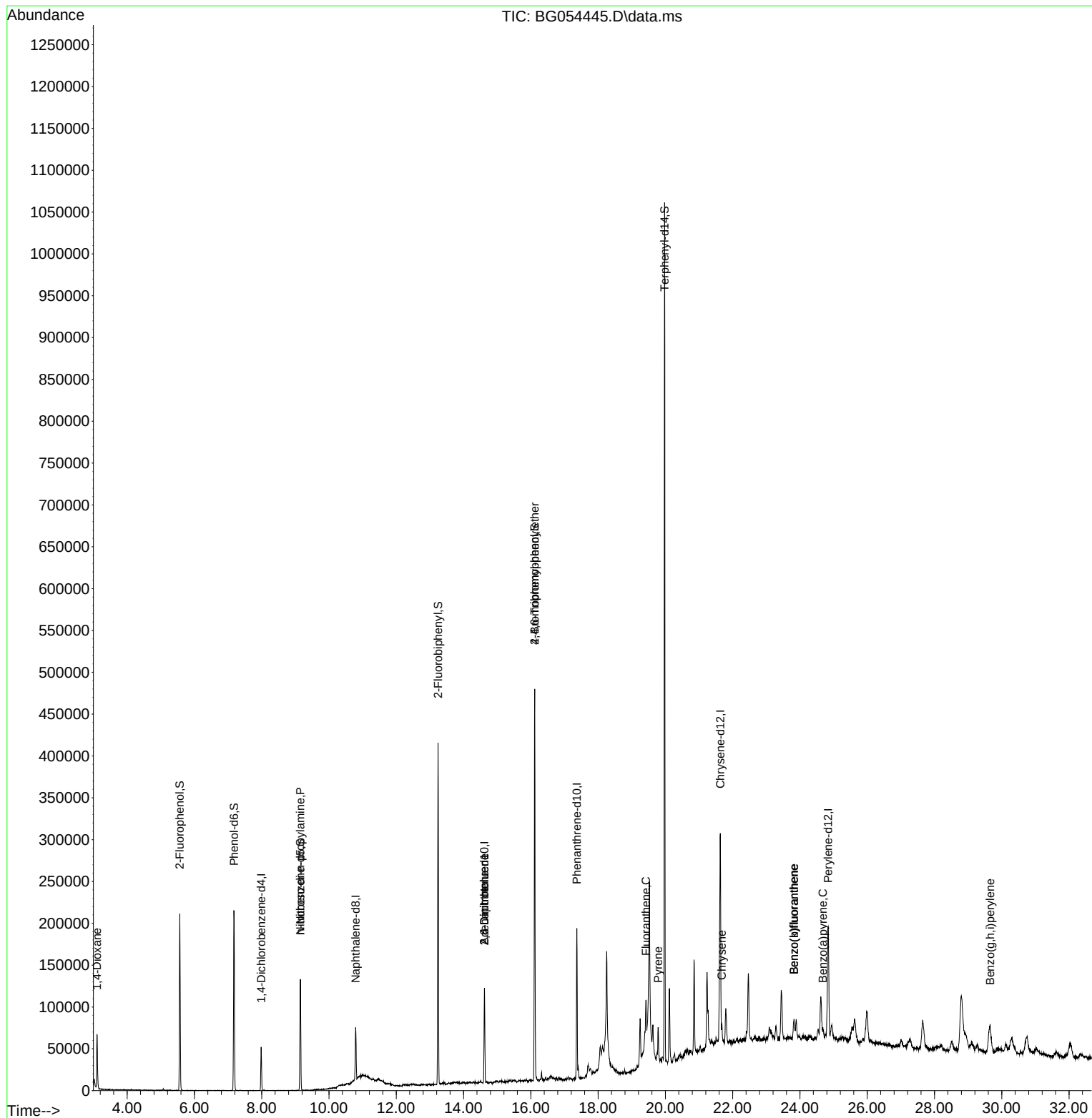
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	15915	20.000	ng	0.00
21) Naphthalene-d8	10.794	136	55283	20.000	ng	# 0.00
39) Acenaphthene-d10	14.619	164	45054	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	124060	20.000	ng	# 0.00
76) Chrysene-d12	21.634	240	147339	20.000	ng	# 0.00
86) Perylene-d12	24.836	264	158720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.565	112	94125	123.482	ng	0.00
7) Phenol-d6	7.175	99	124357	119.061	ng	0.00
23) Nitrobenzene-d5	9.149	82	79044	77.863	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	124038	131.123	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	232037	72.654	ng	0.00
79) Terphenyl-d14	19.977	244	568453	76.538	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.103	88	614	2.025	ng	# 1
9) Benzaldehyde	7.181	77	69	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.149	70	11324	16.236	ng	# 77
51) 2,6-Dinitrotoluene	14.619	165	6220	8.058	ng	# 16
57) 2,4-Dinitrotoluene	14.619	165	6220	5.621	ng	# 21
67) 4-Bromophenyl-phenylether	16.117	248	7241	4.156	ng	# 1
75) Fluoranthene	19.425	202	29227	3.470	ng	97
78) Pyrene	19.783	202	27019	3.196	ng	95
83) Chrysene	21.681	228	18519	2.096	ng	96
88) Benzo(b)fluoranthene	23.826	252	27828	2.965	ng	98
89) Benzo(k)fluoranthene	23.826	252	27828	2.979	ng	99
90) Benzo(a)pyrene	24.684	252	17560	2.191	ng	# 85
92) Benzo(g,h,i)perylene	29.660	276	19699	2.010	ng	# 96

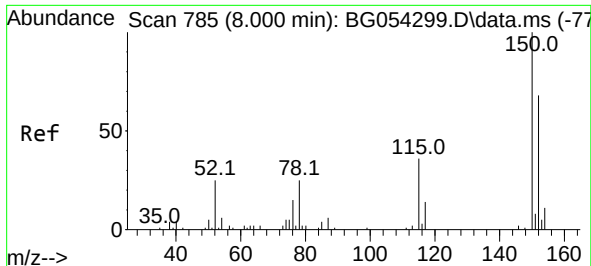
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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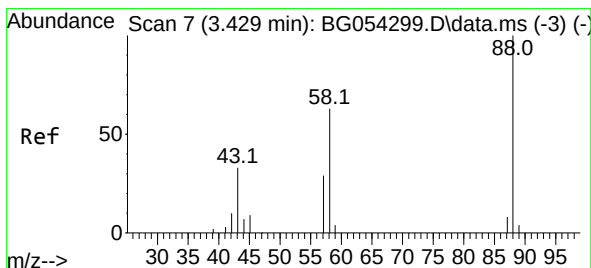
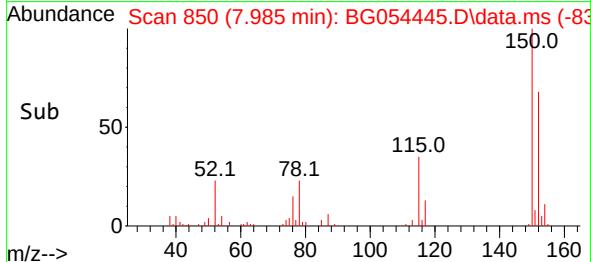
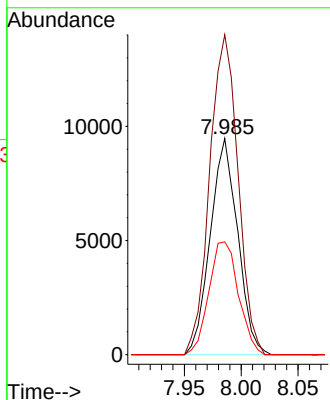
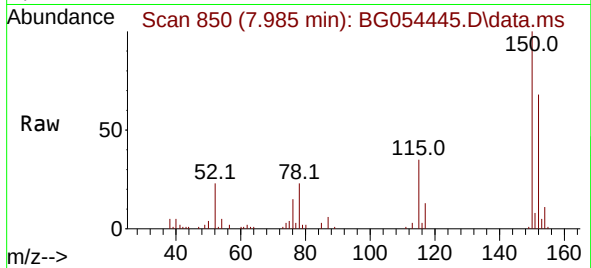




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.985 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG054445.D
 Acq: 29 Jul 2022 12:02

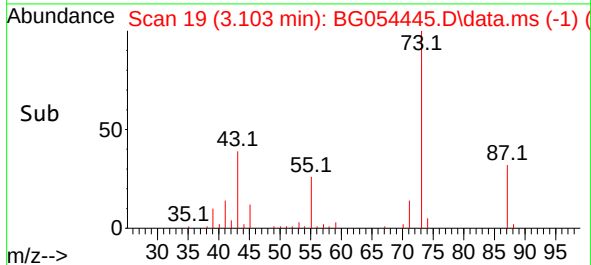
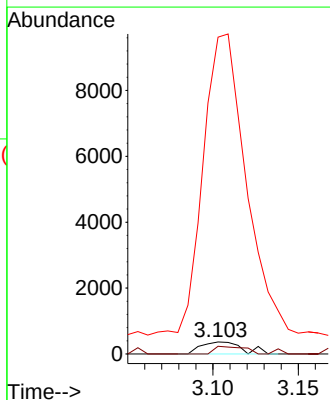
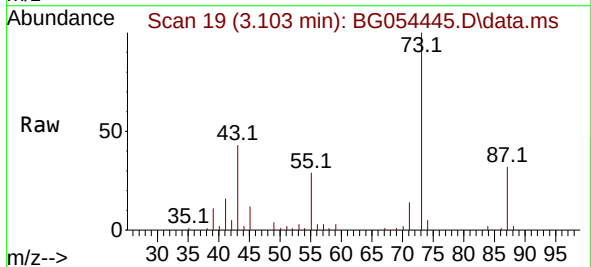
Instrument :
 BNA_G
 ClientSampleId :
 RVE-47

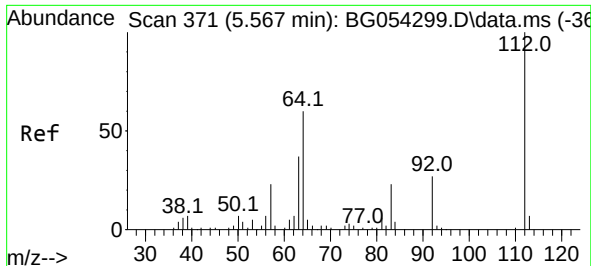
Tgt Ion:152 Resp: 15915
 Ion Ratio Lower Upper
 152 100
 150 148.0 131.6 197.4
 115 52.2 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.025 ng
 RT: 3.103 min Scan# 19
 Delta R.T. -0.314 min
 Lab File: BG054445.D
 Acq: 29 Jul 2022 12:02

Tgt Ion: 88 Resp: 614
 Ion Ratio Lower Upper
 88 100
 58 46.6 59.2 88.8#
 43 2852.0 24.3 36.5#

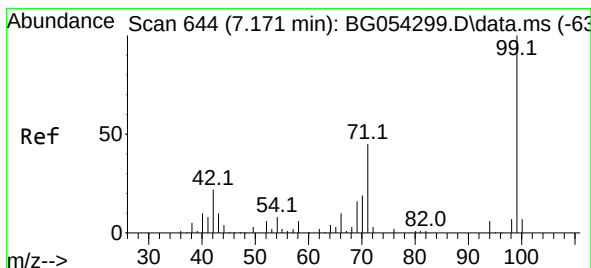
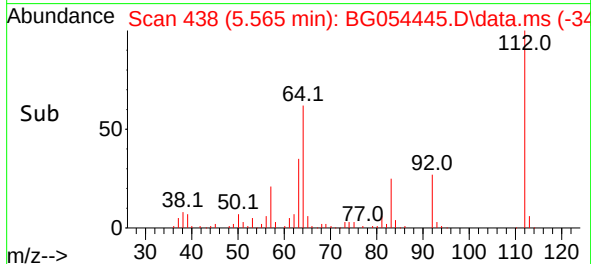
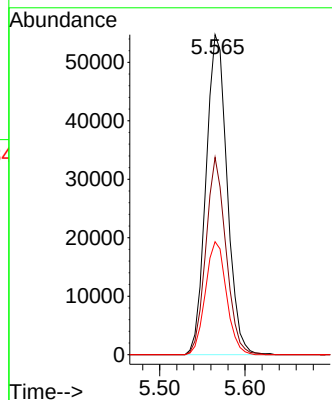
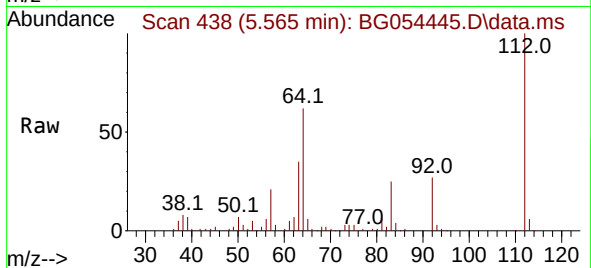




#5
2-Fluorophenol
Concen: 123.482 ng
RT: 5.565 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

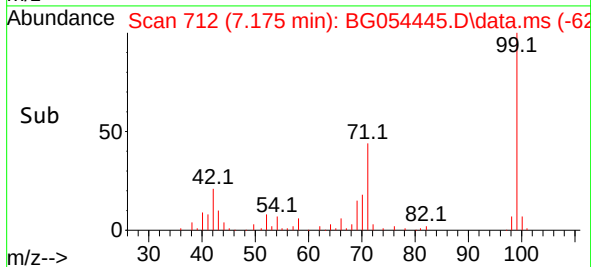
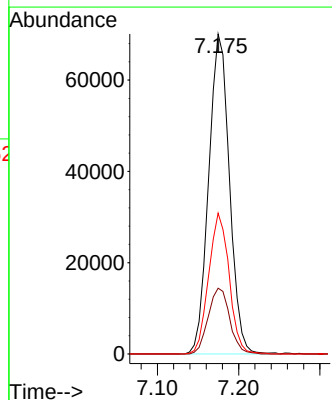
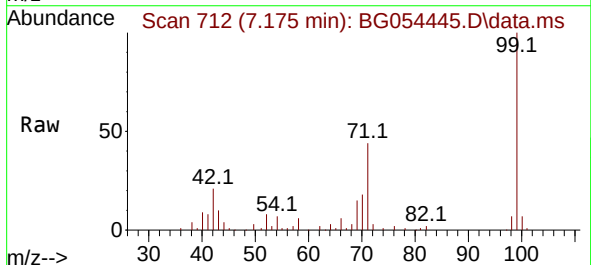
Instrument :
BNA_G
ClientSampleId :
RVE-47

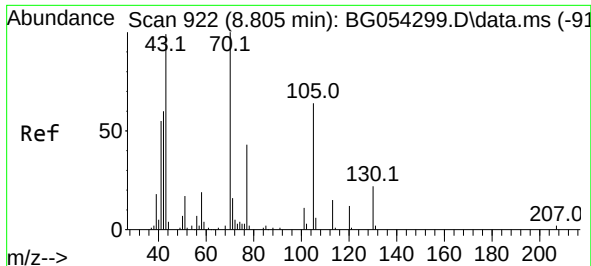
Tgt Ion:112 Resp: 94125
Ion Ratio Lower Upper
112 100
64 61.6 55.1 82.7
63 35.3 30.4 45.6



#7
Phenol-d6
Concen: 119.061 ng
RT: 7.175 min Scan# 712
Delta R.T. 0.003 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

Tgt Ion: 99 Resp: 124357
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 44.0 33.8 50.8

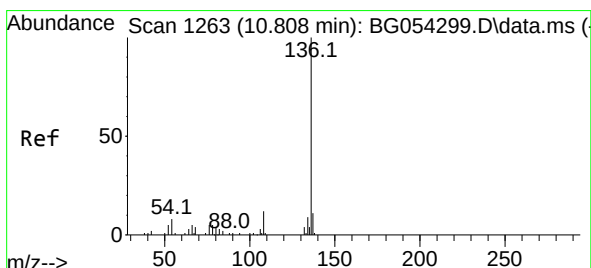
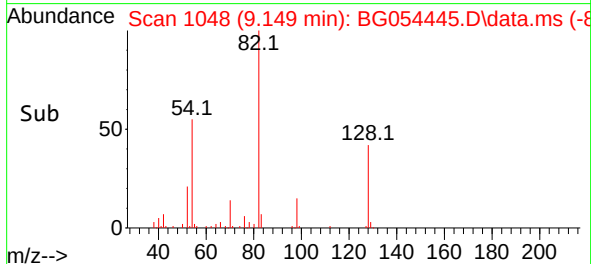
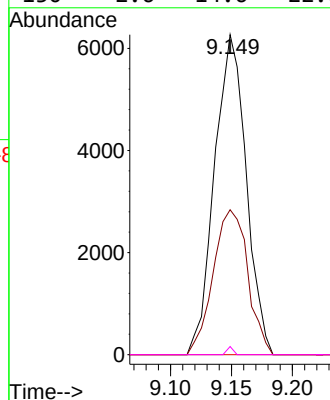
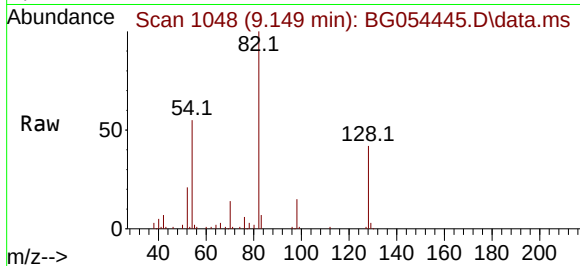




#19
n-Nitroso-di-n-propylamine
Concen: 16.236 ng
RT: 9.149 min Scan# 11
Delta R.T. 0.356 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

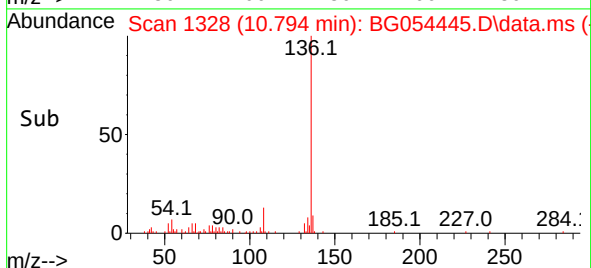
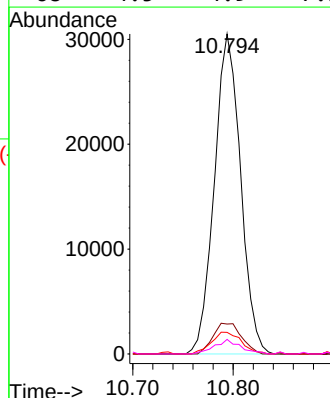
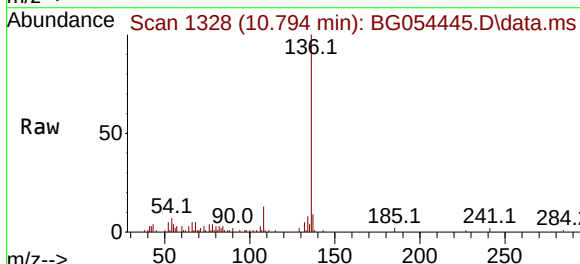
Instrument :
BNA_G
ClientSampleId :
RVE-47

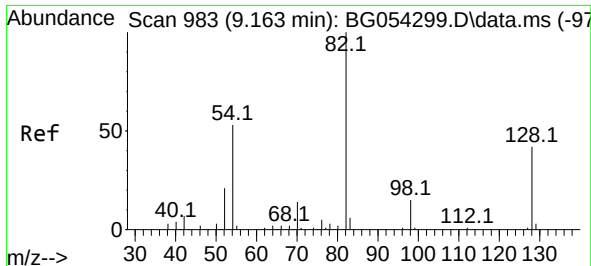
Tgt Ion: 70 Resp: 11324
Ion Ratio Lower Upper
70 100
42 45.3 47.3 70.9#
101 0.0 7.0 10.4#
130 2.6 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.794 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

Tgt Ion:136 Resp: 55283
Ion Ratio Lower Upper
136 100
137 9.4 8.5 12.7
54 6.7 7.4 11.2#
68 4.5 4.9 7.3#

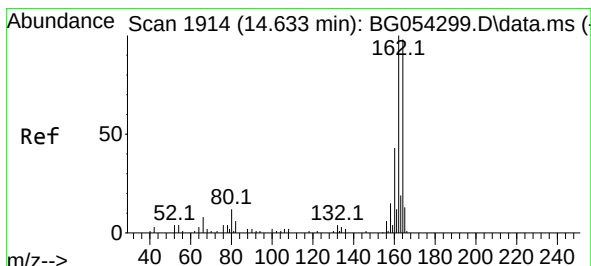
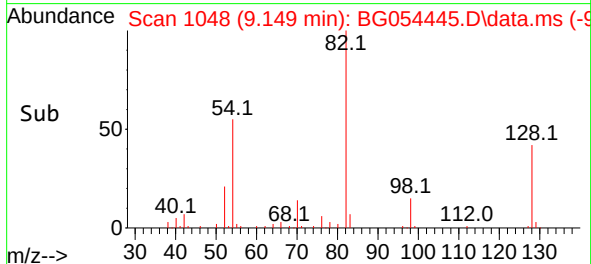
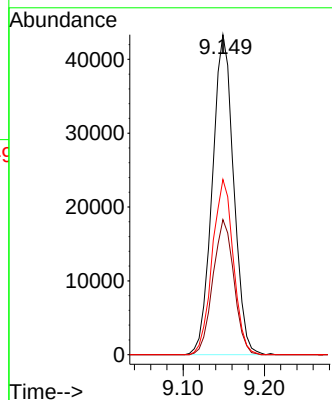
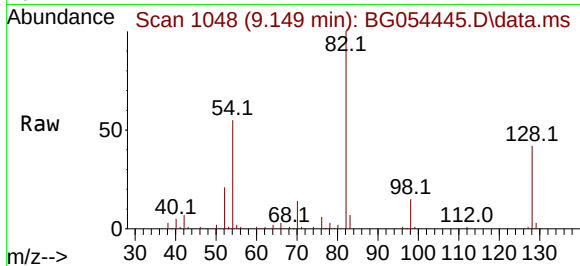




#23
Nitrobenzene-d5
Concen: 77.863 ng
RT: 9.149 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

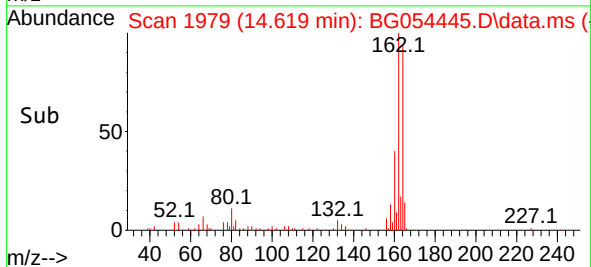
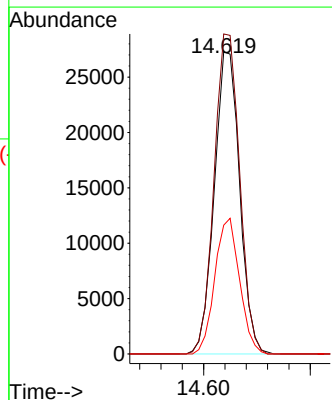
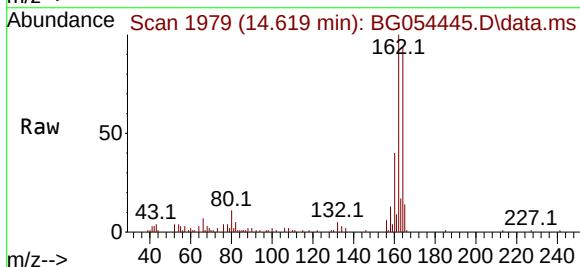
Instrument :
BNA_G
ClientSampleId :
RVE-47

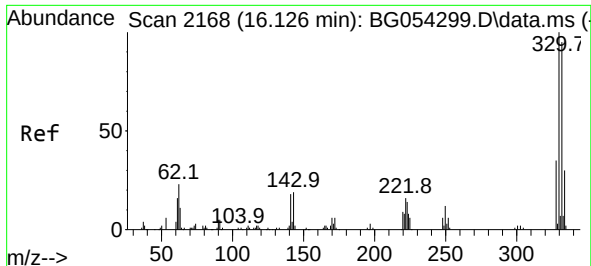
Tgt Ion: 82 Resp: 79044
Ion Ratio Lower Upper
82 100
128 42.2 27.9 41.9#
54 54.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.619 min Scan# 1979
Delta R.T. -0.003 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

Tgt Ion:164 Resp: 45054
Ion Ratio Lower Upper
164 100
162 105.9 82.3 123.5
160 42.6 34.2 51.2

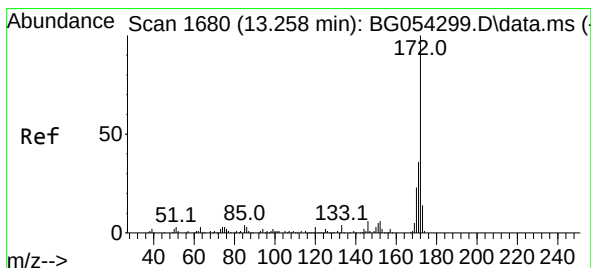
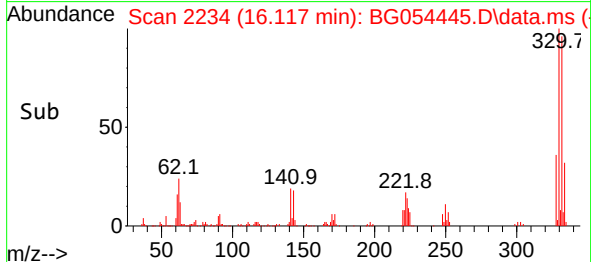
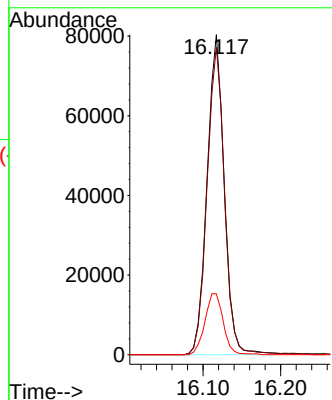
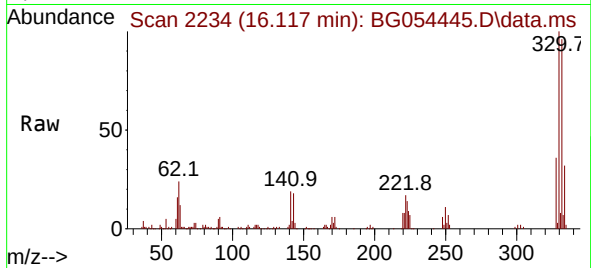




#42
 2,4,6-Tribromophenol
 Concen: 131.123 ng
 RT: 16.117 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054445.D
 Acq: 29 Jul 2022 12:02

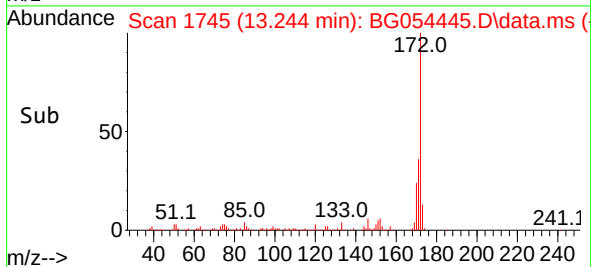
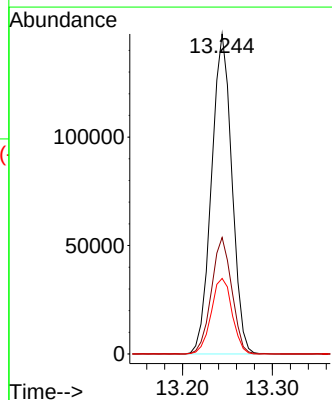
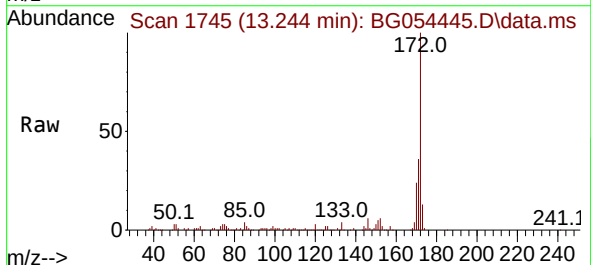
Instrument :
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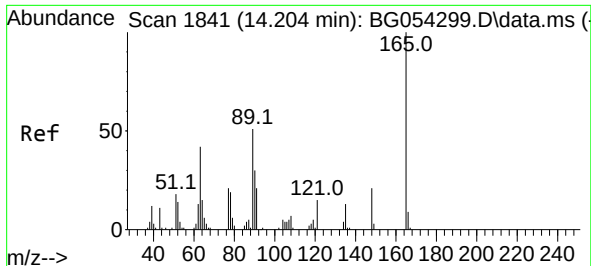
Tgt Ion:330 Resp: 124038
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.0 114.0
 141 20.3 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 72.654 ng
 RT: 13.244 min Scan# 1745
 Delta R.T. -0.003 min
 Lab File: BG054445.D
 Acq: 29 Jul 2022 12:02

Tgt Ion:172 Resp: 232037
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 23.6 18.9 28.3

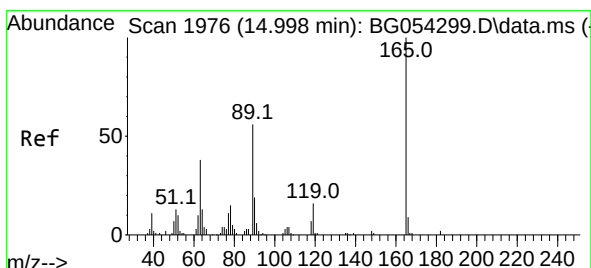
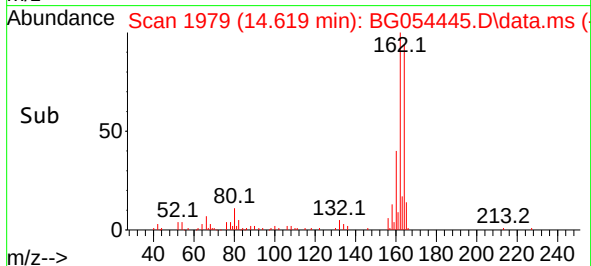
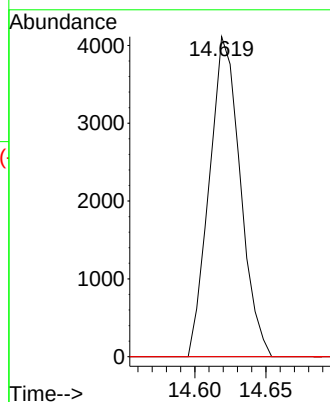
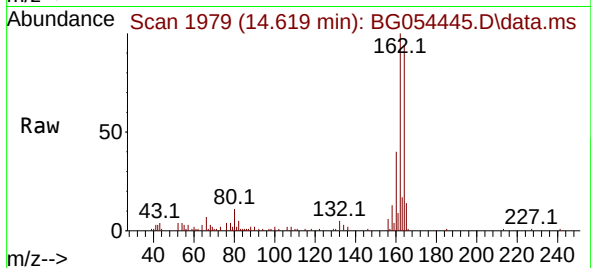




#51
2,6-Dinitrotoluene
Concen: 8.058 ng
RT: 14.619 min Scan# 1979
Delta R.T. 0.420 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

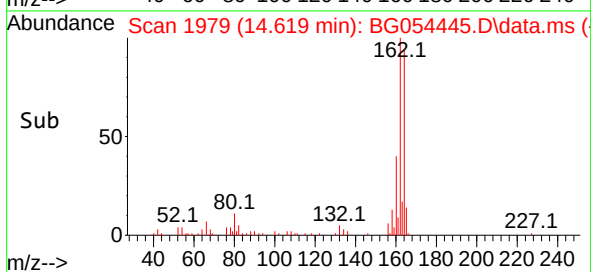
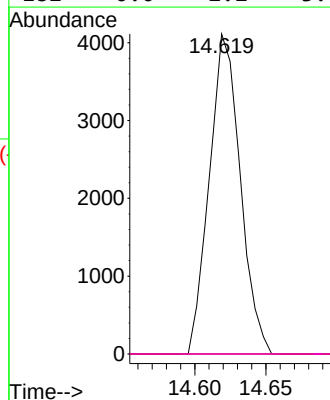
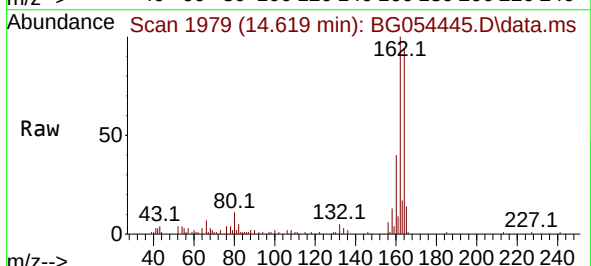
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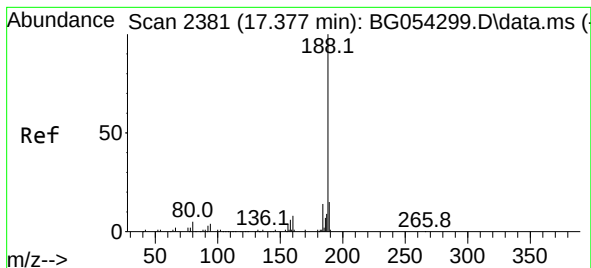
Tgt Ion:165 Resp: 6220
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.621 ng
RT: 14.619 min Scan# 1979
Delta R.T. -0.373 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

Tgt Ion:165 Resp: 6220
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: 17.369 min Scan# 2447

Delta R.T. -0.003 min

Lab File: BG054445.D

Acq: 29 Jul 2022 12:02

Instrument :

BNA_G

ClientSampleId :

RVE-47

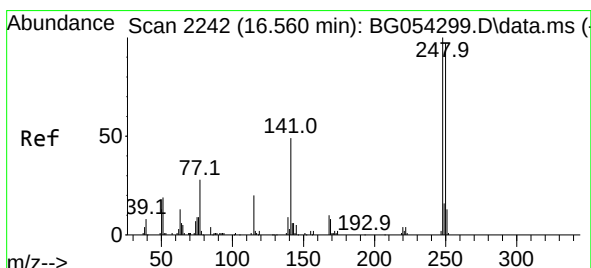
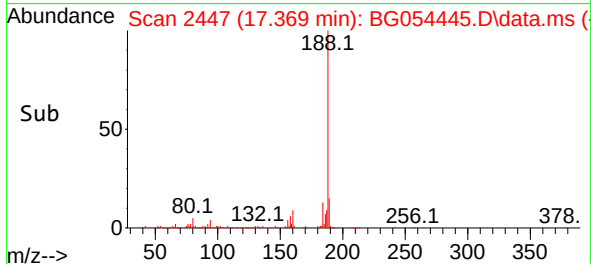
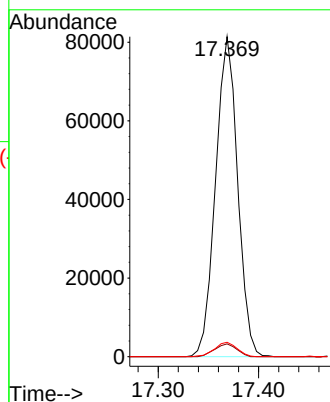
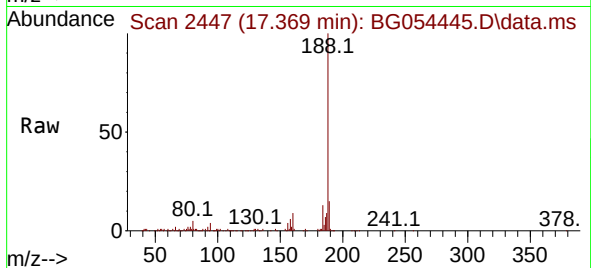
Tgt Ion:188 Resp: 124060

Ion Ratio Lower Upper

188 100

94 4.0 5.4 8.0#

80 4.5 6.8 10.2#



#67

4-Bromophenyl-phenylether

Concen: 4.156 ng

RT: 16.117 min Scan# 2234

Delta R.T. -0.438 min

Lab File: BG054445.D

Acq: 29 Jul 2022 12:02

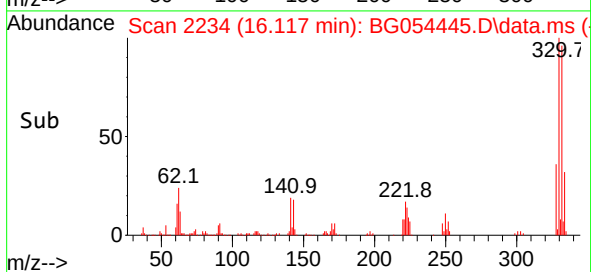
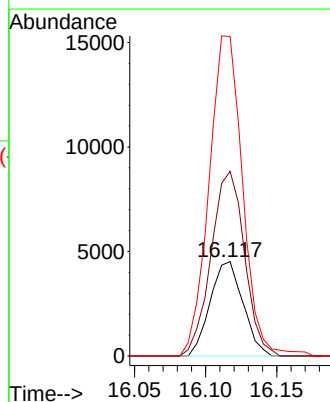
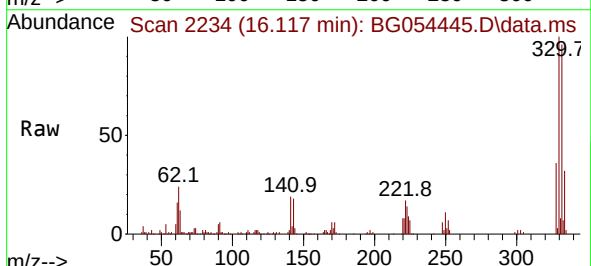
Tgt Ion:248 Resp: 7241

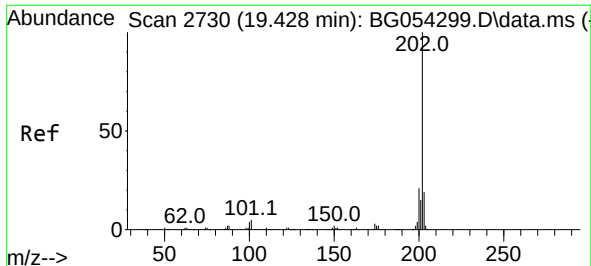
Ion Ratio Lower Upper

248 100

250 195.7 75.2 112.8#

141 338.6 50.0 75.0#

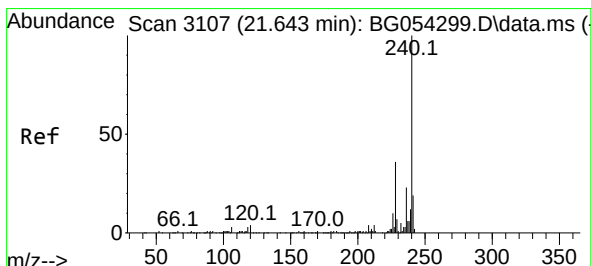
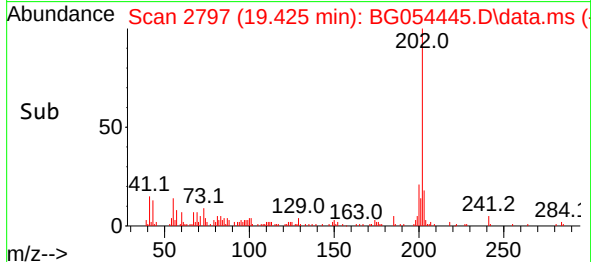
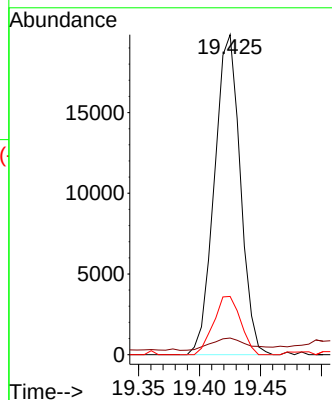
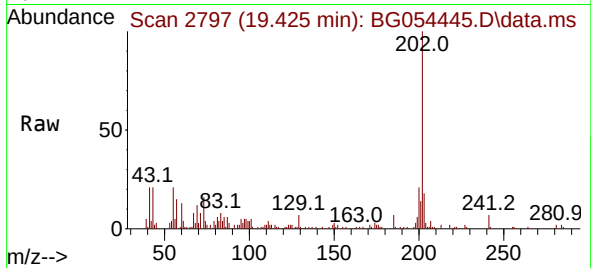




#75
Fluoranthene
Concen: 3.470 ng
RT: 19.425 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

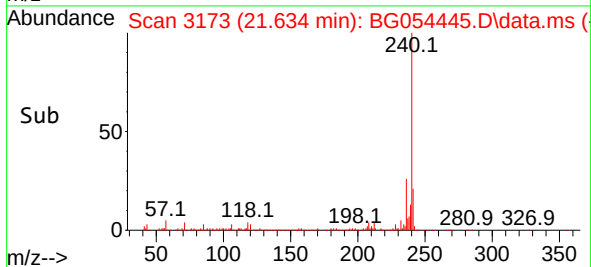
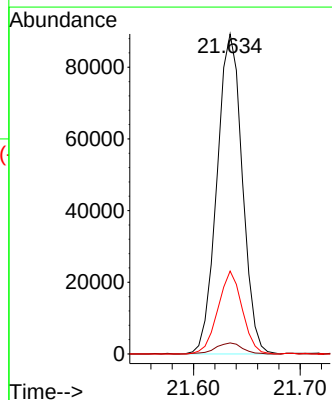
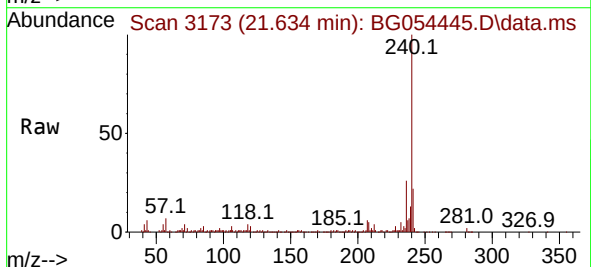
Instrument :
BNA_G
ClientSampleId :
RVE-47

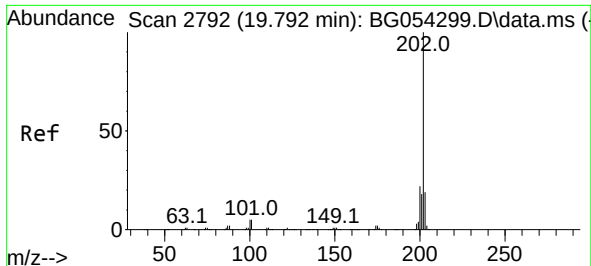
Tgt Ion:202 Resp: 29227
Ion Ratio Lower Upper
202 100
101 5.2 0.0 26.9
203 18.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

Tgt Ion:240 Resp: 147339
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0#
236 25.9 20.2 30.4

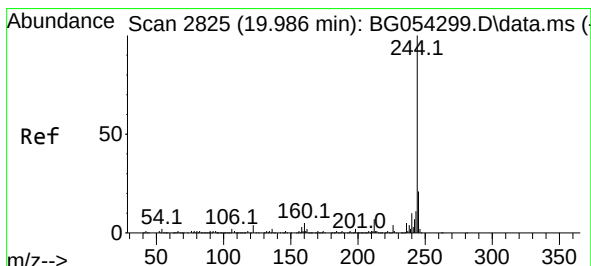
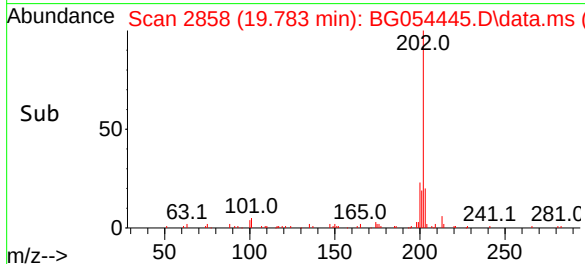
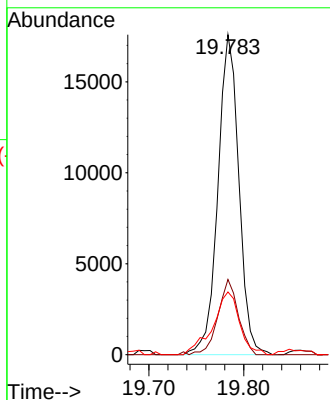
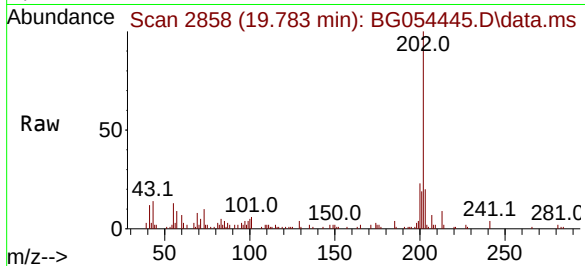




#78
 Pyrene
 Concen: 3.196 ng
 RT: 19.783 min Scan# 2792
 Delta R.T. -0.003 min
 Lab File: BG054445.D
 Acq: 29 Jul 2022 12:02

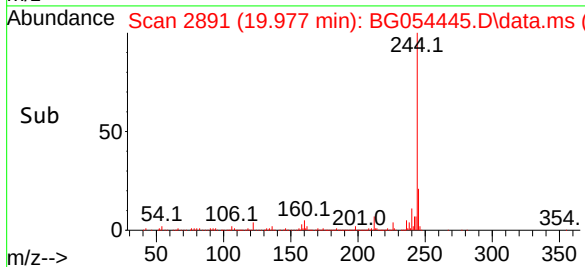
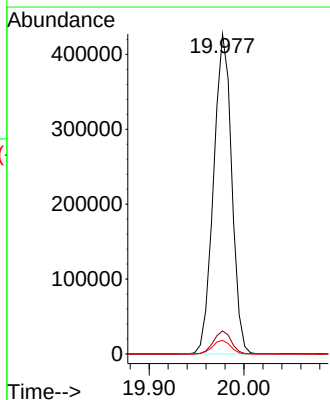
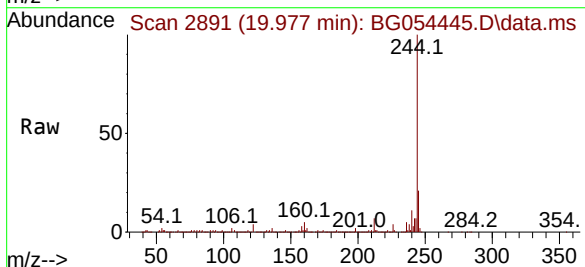
Instrument :
 BNA_G
 ClientSampleId :
 RVE-47

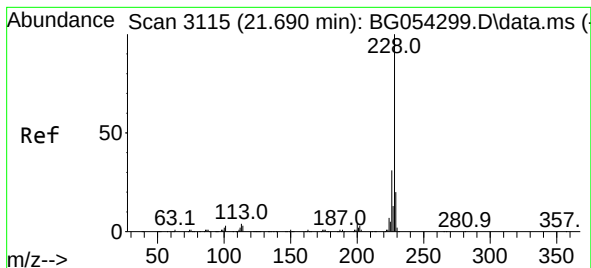
Tgt Ion:	202	Resp:	27019
Ion Ratio	Lower	Upper	
202	100		
200	23.5	16.6	24.8
203	19.6	14.6	21.8



#79
 Terphenyl-d14
 Concen: 76.538 ng
 RT: 19.977 min Scan# 2891
 Delta R.T. -0.003 min
 Lab File: BG054445.D
 Acq: 29 Jul 2022 12:02

Tgt Ion:	244	Resp:	568453
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.5	9.7
122	4.3	5.0	7.4





#83

Chrysene

Concen: 2.096 ng

RT: 21.681 min Scan# 3115

Delta R.T. -0.003 min

Lab File: BG054445.D

Acq: 29 Jul 2022 12:02

Instrument :

BNA_G

ClientSampleId :

RVE-47

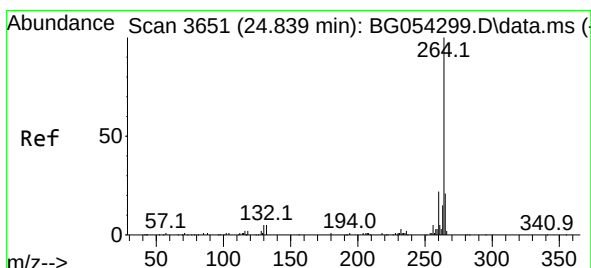
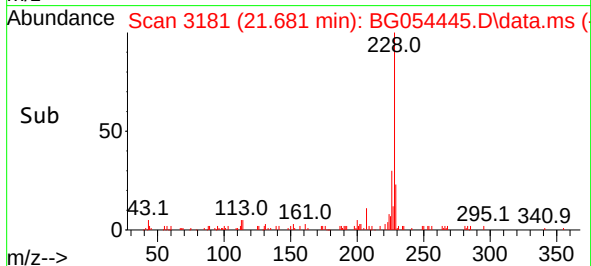
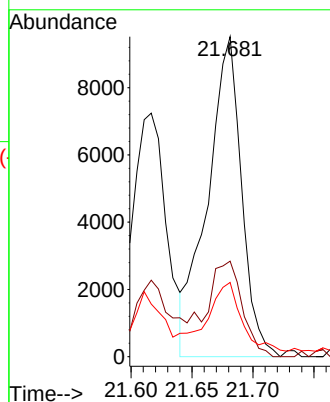
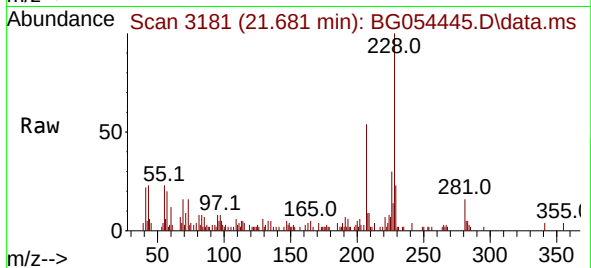
Tgt Ion:228 Resp: 18519

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

229 23.2 15.5 23.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.836 min Scan# 3718

Delta R.T. 0.003 min

Lab File: BG054445.D

Acq: 29 Jul 2022 12:02

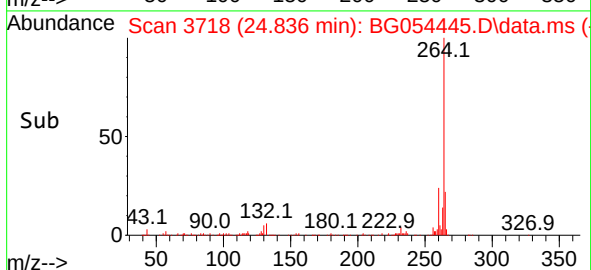
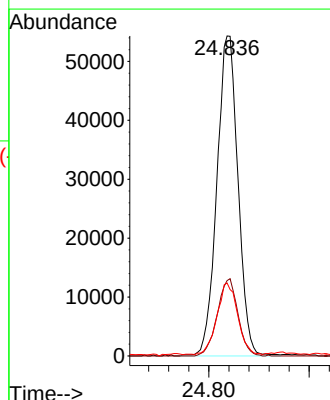
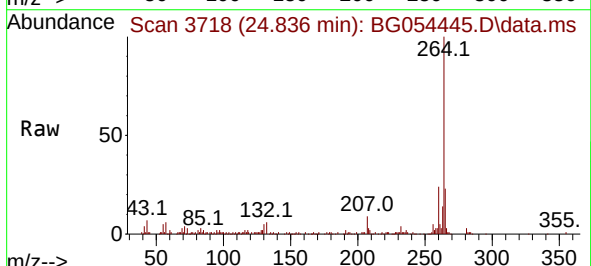
Tgt Ion:264 Resp: 158720

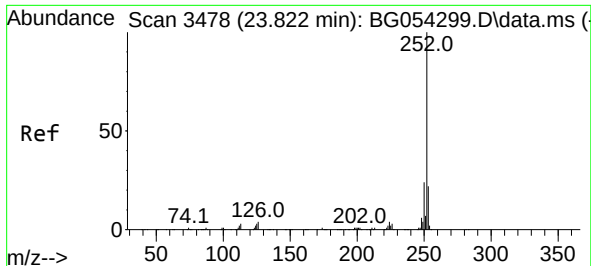
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.8 17.4 26.2

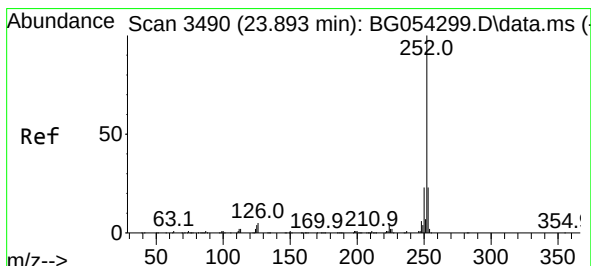
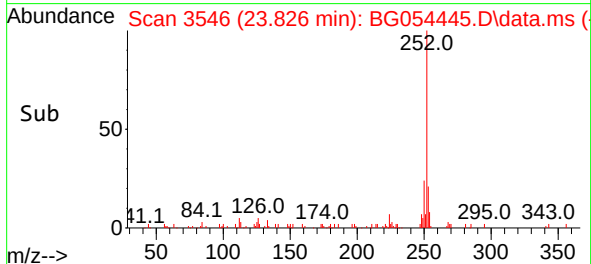
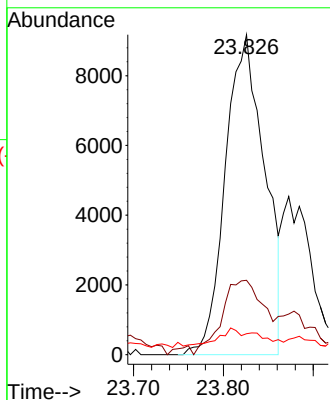
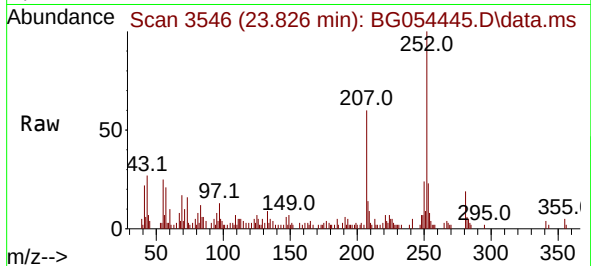




#88
Benzo(b)fluoranthene
Concen: 2.965 ng
RT: 23.826 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

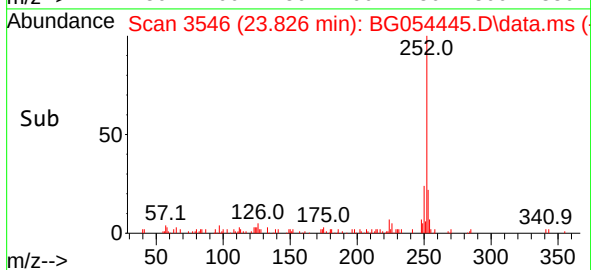
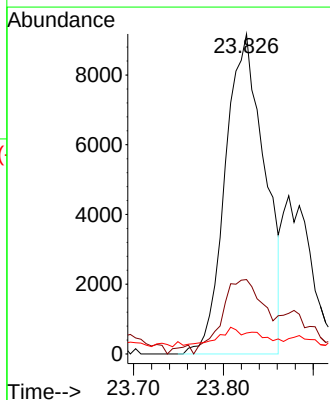
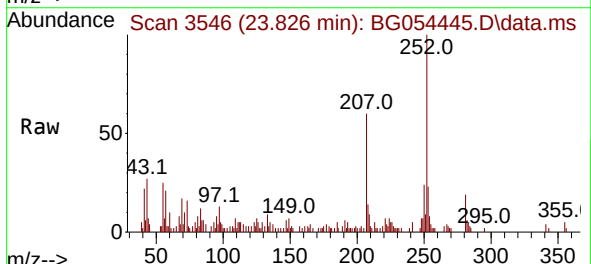
Instrument :
BNA_G
ClientSampleId :
RVE-47

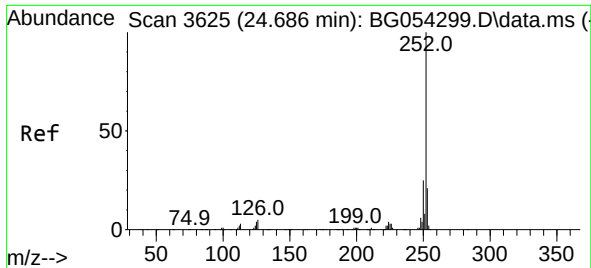
Tgt Ion:252 Resp: 27828
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 6.6 4.6 6.8



#89
Benzo(k)fluoranthene
Concen: 2.979 ng
RT: 23.826 min Scan# 3546
Delta R.T. -0.062 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

Tgt Ion:252 Resp: 27828
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 6.6 4.8 7.2

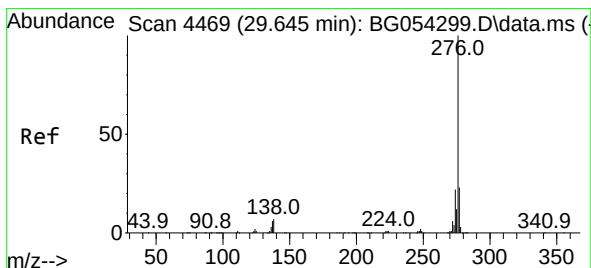
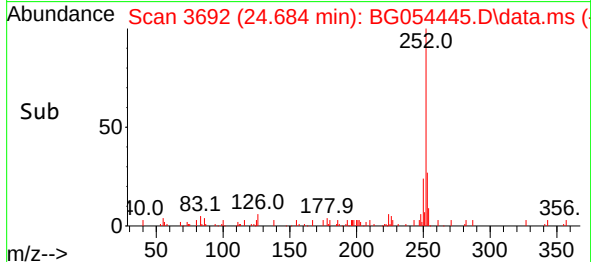
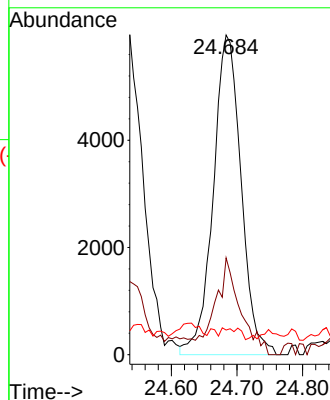
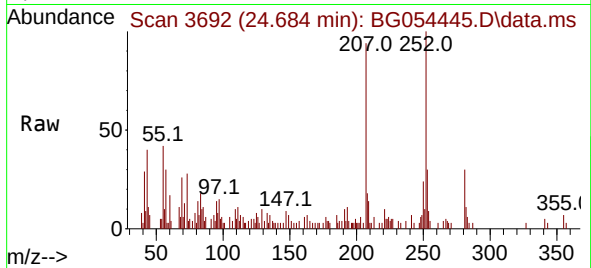




#90
Benzo(a)pyrene
Concen: 2.191 ng
RT: 24.684 min Scan# 3625
Delta R.T. -0.003 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

Instrument :
BNA_G
ClientSampleId :
RVE-47

Tgt Ion:252 Resp: 17560
Ion Ratio Lower Upper
252 100
253 30.3 17.8 26.8#
125 7.7 4.3 6.5#



#92
Benzo(g,h,i)perylene
Concen: 2.010 ng
RT: 29.660 min Scan# 4539
Delta R.T. -0.003 min
Lab File: BG054445.D
Acq: 29 Jul 2022 12:02

Tgt Ion:276 Resp: 19699
Ion Ratio Lower Upper
276 100
277 22.6 17.3 25.9
138 9.6 9.6 14.4#

