

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
 Data File : BG054545.D
 Acq On : 5 Aug 2022 21:54
 Operator : CG/JU
 Sample : N3960-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-150

Quant Time: Aug 06 05:40:53 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)

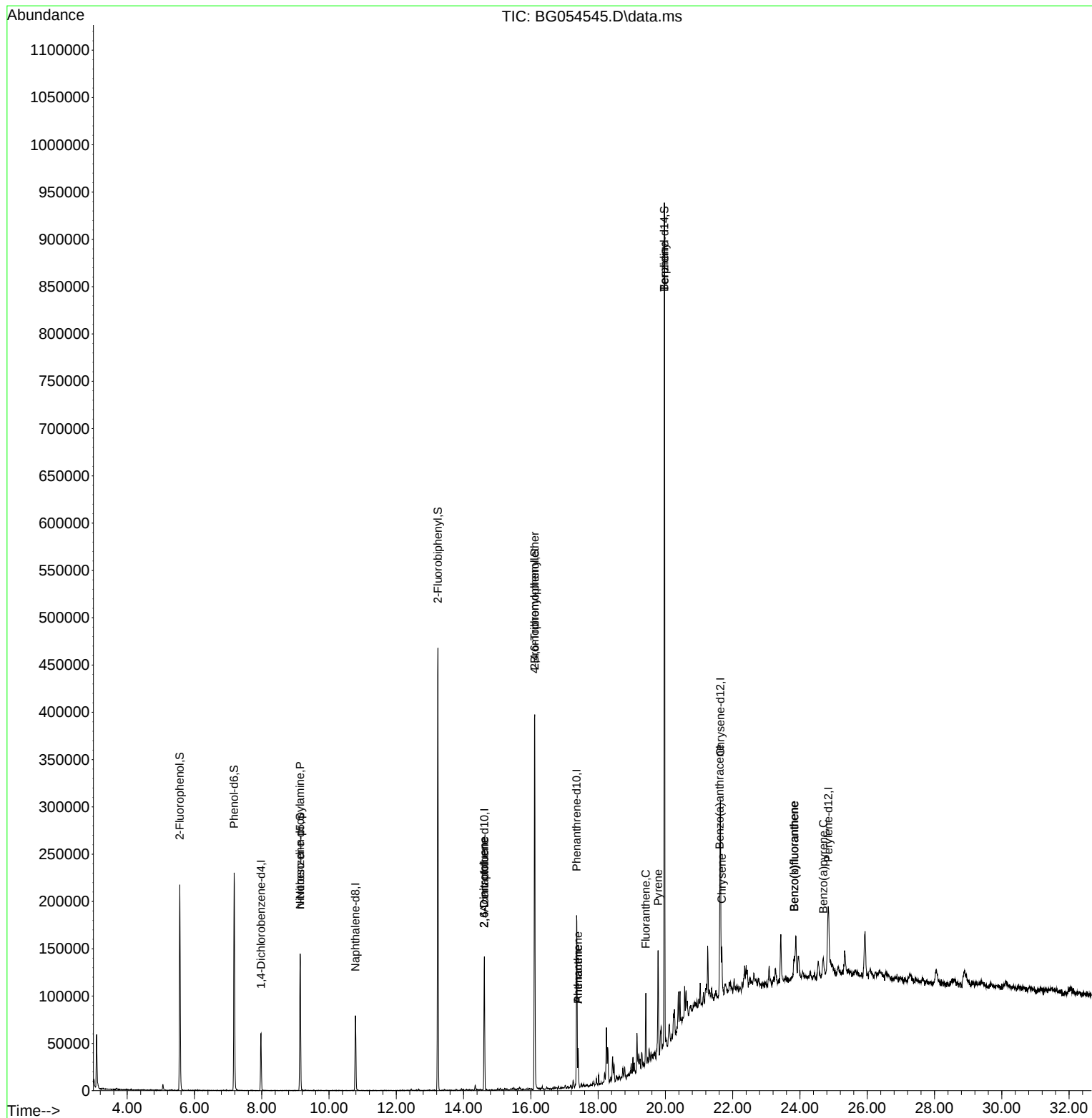
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	19060	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	74091	20.000	ng	#-0.01
39) Acenaphthene-d10	14.618	164	54075	20.000	ng	0.00
64) Phenanthrene-d10	17.361	188	130404	20.000	ng	#-0.01
76) Chrysene-d12	21.633	240	141528	20.000	ng	# 0.00
86) Perylene-d12	24.841	264	113908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	101016	110.656	ng	0.00
7) Phenol-d6	7.179	99	133686	106.874	ng	0.00
23) Nitrobenzene-d5	9.142	82	90500	66.518	ng	-0.01
42) 2,4,6-Tribromophenol	16.116	330	110582	97.397	ng	0.00
45) 2-Fluorobiphenyl	13.237	172	267452	69.772	ng	-0.01
79) Terphenyl-d14	19.970	244	500212	70.115	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.142	70	12609	15.095	ng	# 83
51) 2,6-Dinitrotoluene	14.612	165	7592	8.195	ng	# 16
57) 2,4-Dinitrotoluene	14.612	165	7592	5.716	ng	# 21
67) 4-Bromophenyl-phenylether	16.110	248	6593	3.600	ng	# 1
71) Phenanthrene	17.403	178	29152	4.489	ng	96
72) Anthracene	17.403	178	29152	4.575	ng	98
75) Fluoranthene	19.418	202	46801	5.287	ng	95
77) Benzidine	19.970	184	6542	2.552	ng	# 87
78) Pyrene	19.782	202	76176	9.380	ng	99
81) Benzo(a)anthracene	21.615	228	33878	3.771	ng	# 91
83) Chrysene	21.674	228	42310	4.985	ng	# 92
88) Benzo(b)fluoranthene	23.830	252	51732	7.679	ng	# 95
89) Benzo(k)fluoranthene	23.830	252	51732	7.716	ng	96
90) Benzo(a)pyrene	24.694	252	26514	4.609	ng	# 91

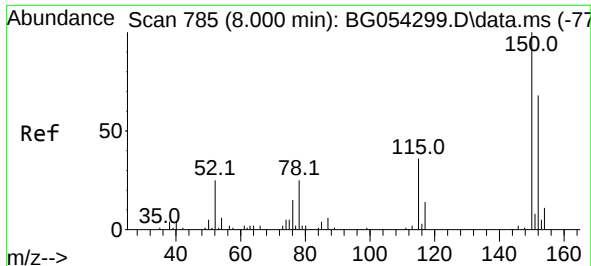
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
Data File : BG054545.D
Acq On : 5 Aug 2022 21:54
Operator : CG/JU
Sample : N3960-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-150

Quant Time: Aug 06 05:40:53 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

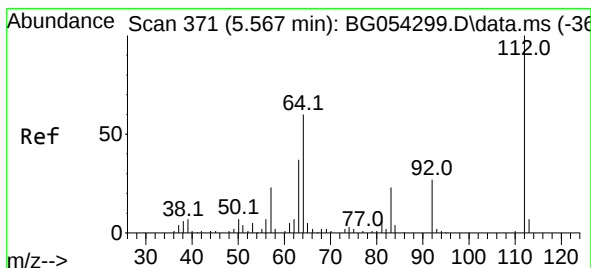
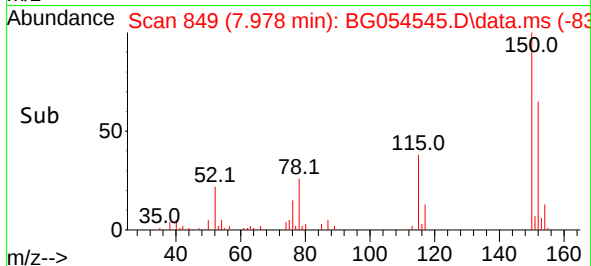
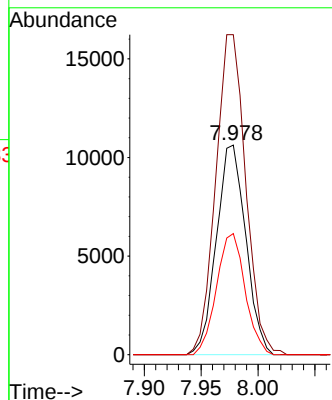
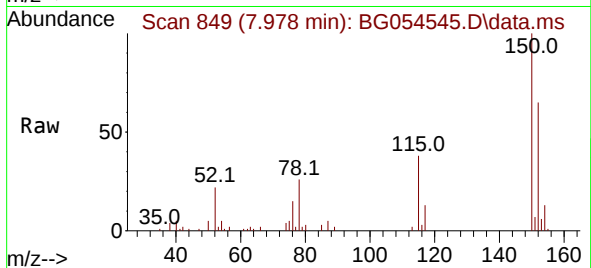




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 84
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

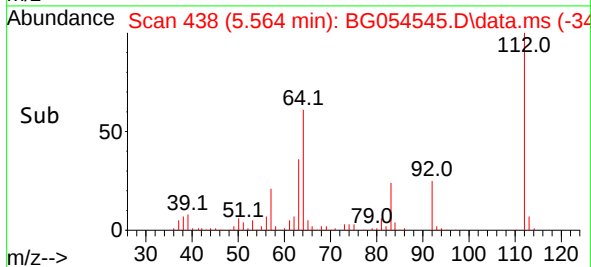
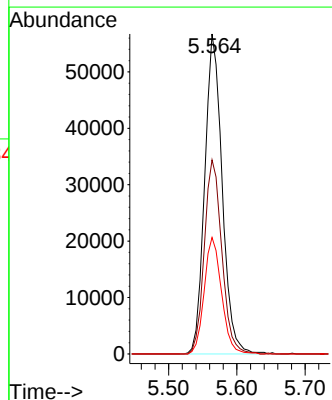
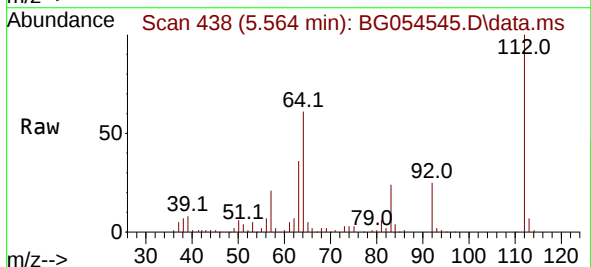
Instrument :
BNA_G
ClientSampleId :
RVE-150

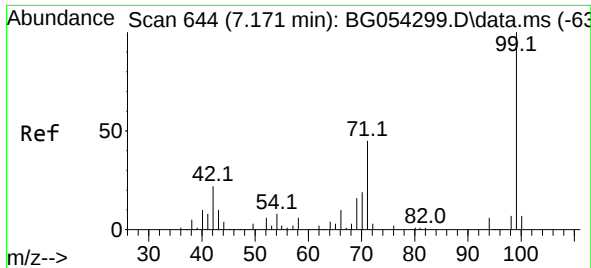
Tgt Ion:152 Resp: 19060
Ion Ratio Lower Upper
152 100
150 152.7 131.6 197.4
115 57.8 50.9 76.3



#5
2-Fluorophenol
Concen: 110.656 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.002 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

Tgt Ion:112 Resp: 101016
Ion Ratio Lower Upper
112 100
64 60.7 55.1 82.7
63 36.4 30.4 45.6





#7
Phenol-d6
Concen: 106.874 ng
RT: 7.179 min Scan# 71
Delta R.T. 0.008 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

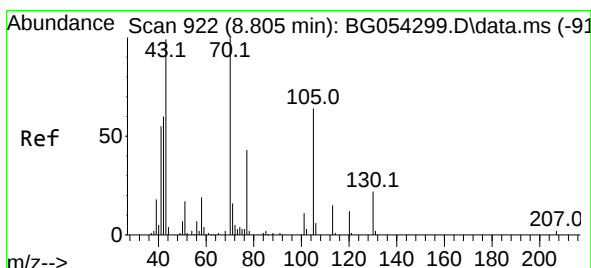
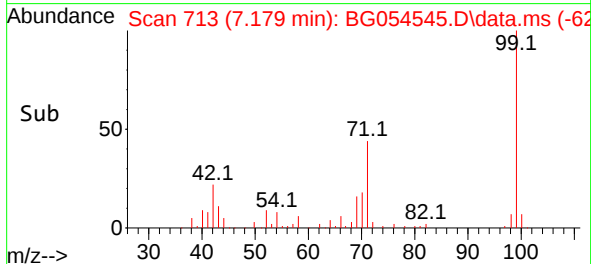
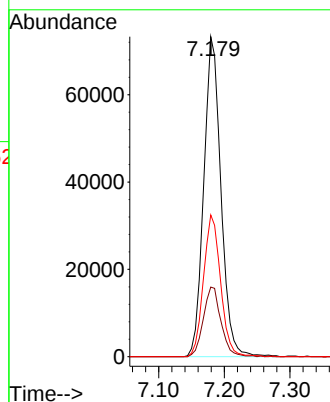
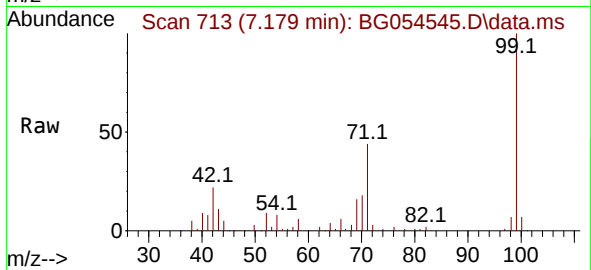
Instrument :

BNA_G

ClientSampleId :

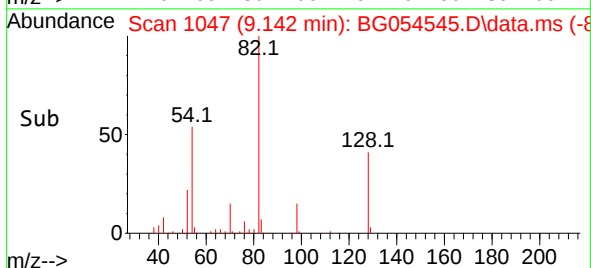
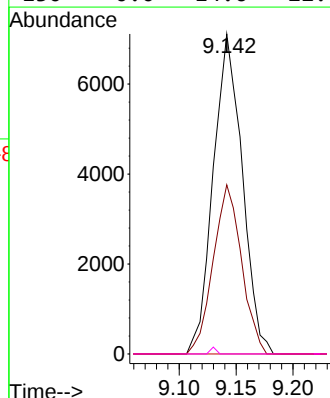
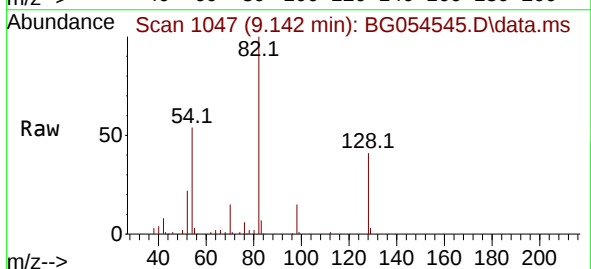
RVE-150

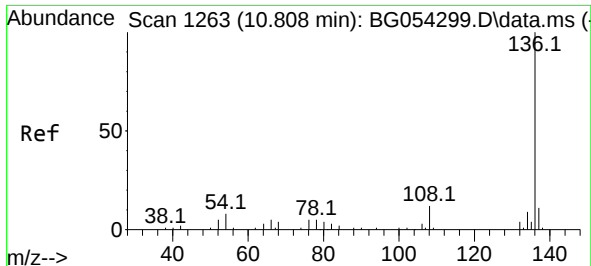
Tgt Ion: 99 Resp: 133686
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 44.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.095 ng
RT: 9.142 min Scan# 1047
Delta R.T. 0.348 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

Tgt Ion: 70 Resp: 12609
Ion Ratio Lower Upper
70 100
42 52.9 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

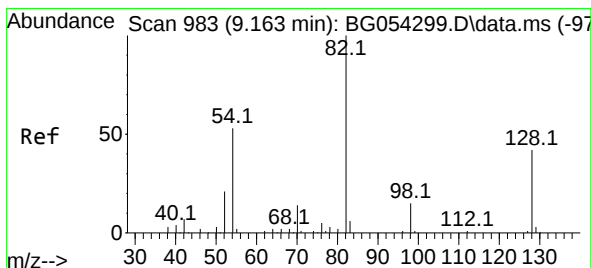
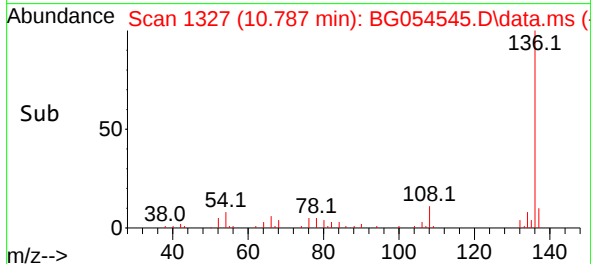
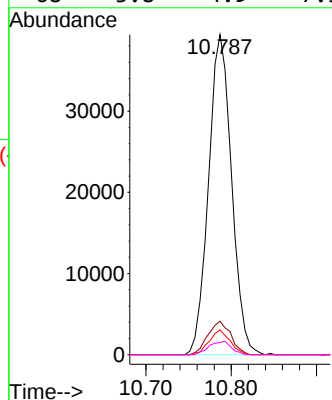
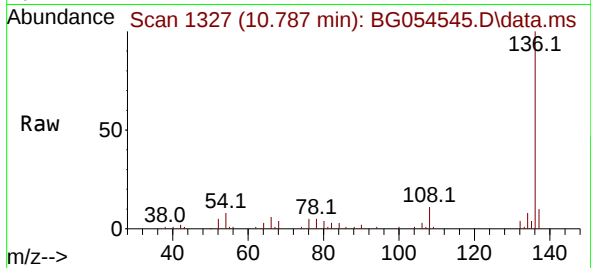




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

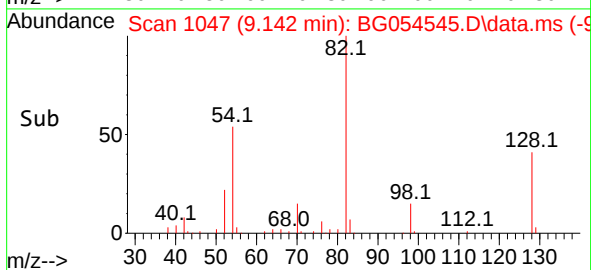
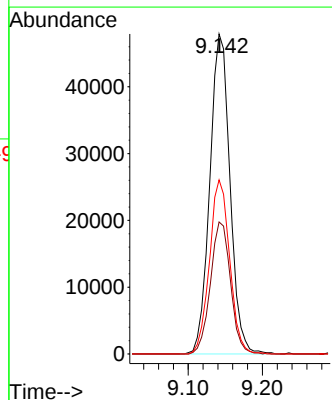
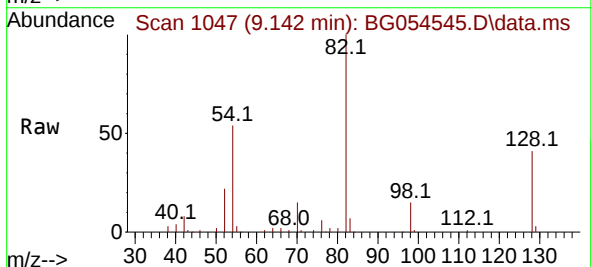
Instrument :
BNA_G
ClientSampleId :
RVE-150

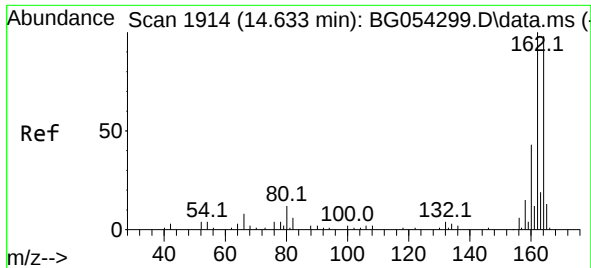
Tgt Ion:	136	Resp:	74091
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	7.7	7.4	11.2
68	3.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 66.518 ng
RT: 9.142 min Scan# 1047
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

Tgt Ion:	82	Resp:	90500
Ion Ratio	Lower	Upper	
82	100		
128	41.3	27.9	41.9
54	54.4	41.2	61.8

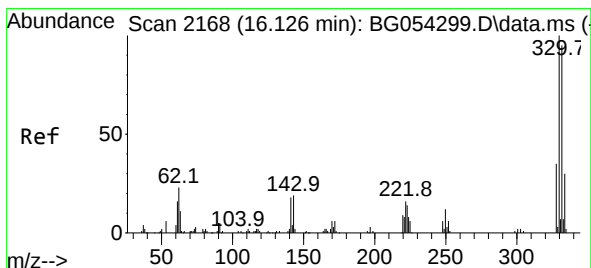
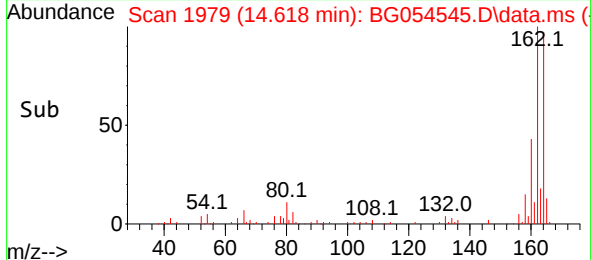
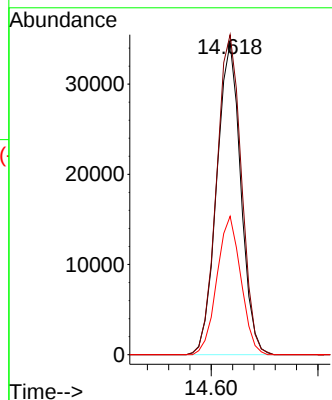
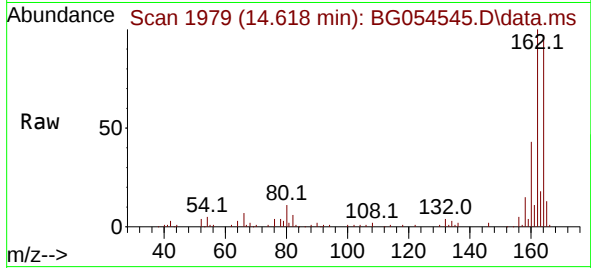




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.618 min Scan# 1914
 Delta R.T. -0.004 min
 Lab File: BG054545.D
 Acq: 5 Aug 2022 21:54

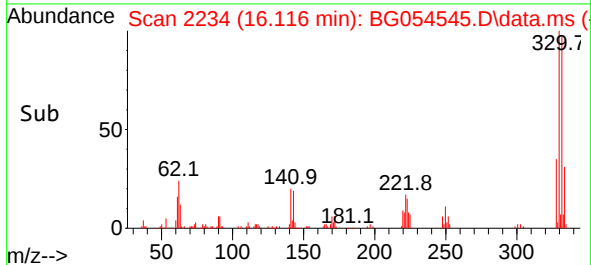
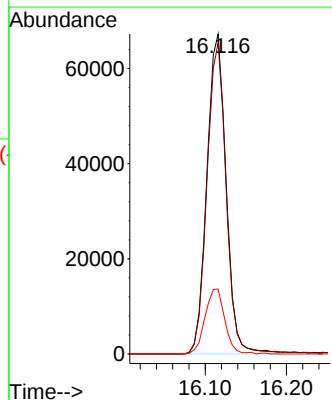
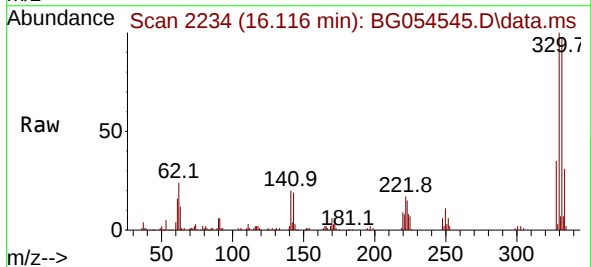
Instrument :
 BNA_G
 ClientSampleId :
 RVE-150

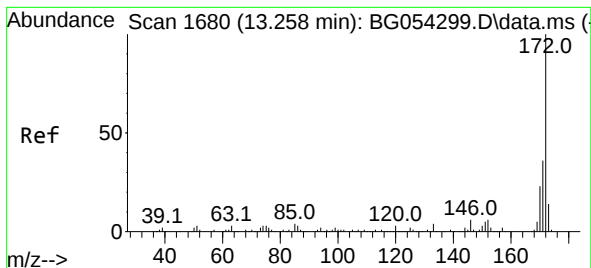
Tgt Ion:164 Resp: 54075
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.3 123.5
 160 44.4 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 97.397 ng
 RT: 16.116 min Scan# 2234
 Delta R.T. 0.002 min
 Lab File: BG054545.D
 Acq: 5 Aug 2022 21:54

Tgt Ion:330 Resp: 110582
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.0 114.0
 141 20.9 27.1 40.7#

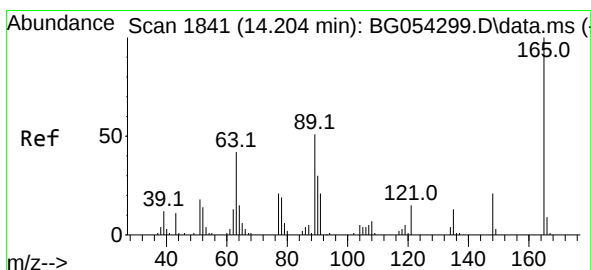
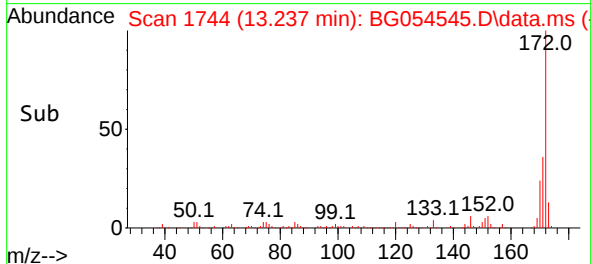
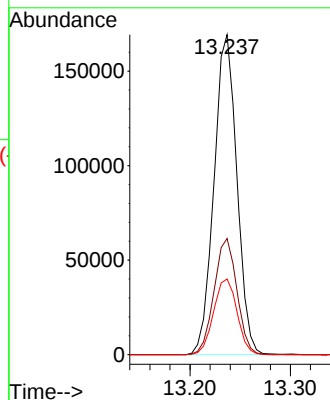
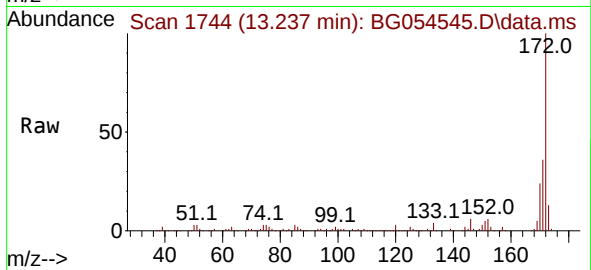




#45
2-Fluorobiphenyl
Concen: 69.772 ng
RT: 13.237 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

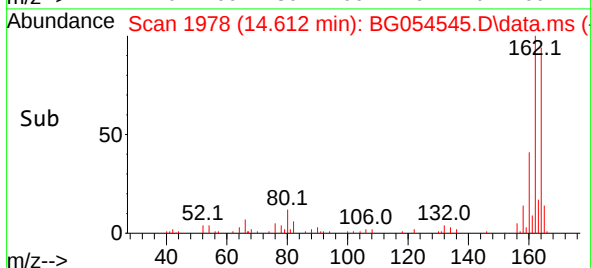
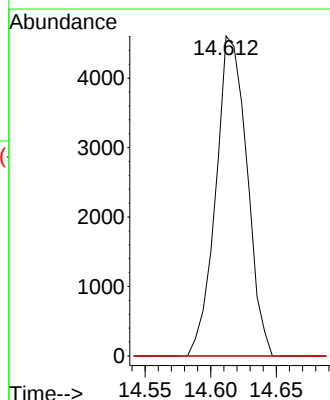
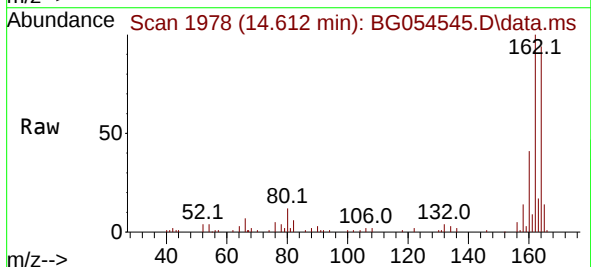
Instrument :
BNA_G
ClientSampleId :
RVE-150

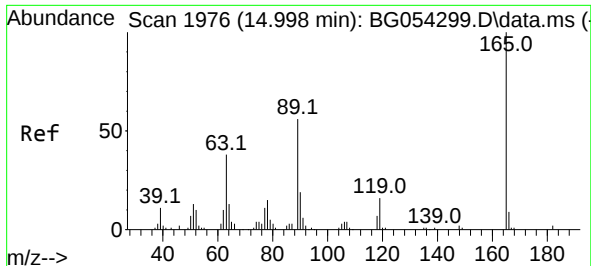
Tgt Ion:172 Resp: 267452
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.195 ng
RT: 14.612 min Scan# 1978
Delta R.T. 0.413 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

Tgt Ion:165 Resp: 7592
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

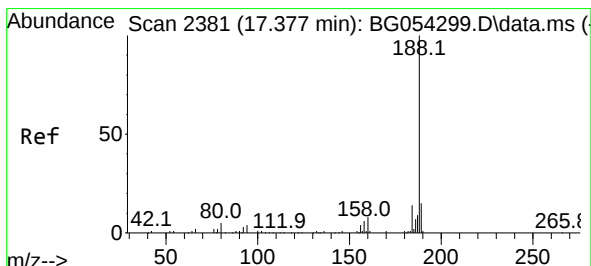
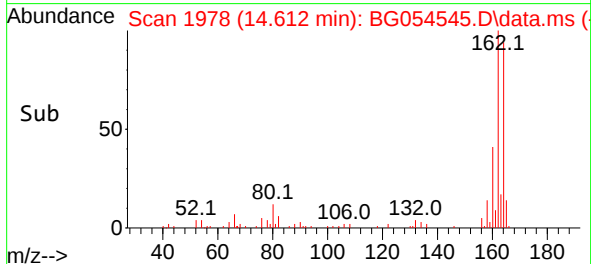
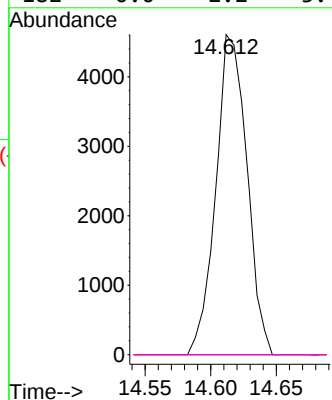
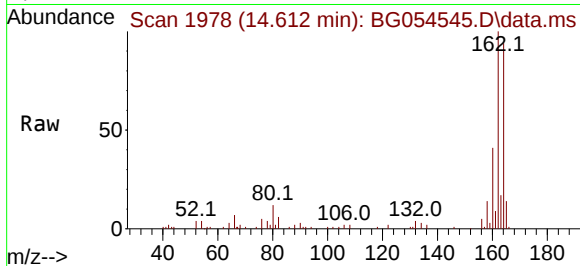




#57
2,4-Dinitrotoluene
Concen: 5.716 ng
RT: 14.612 min Scan# 14
Delta R.T. -0.380 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

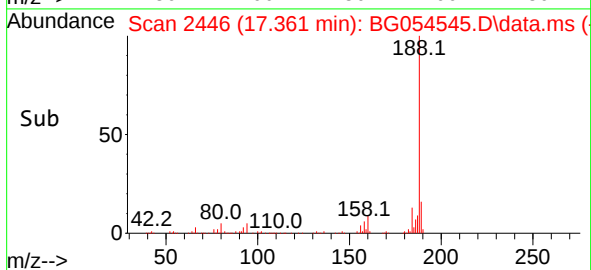
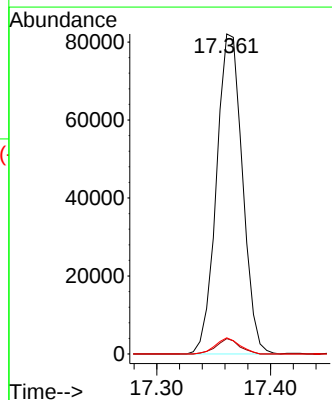
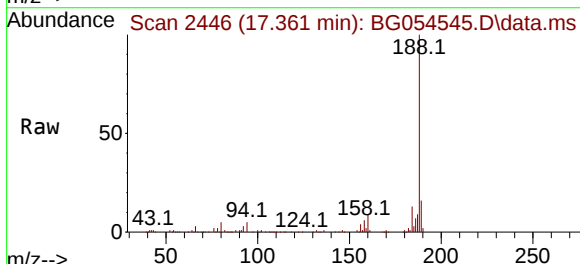
Instrument :
BNA_G
ClientSampleId :
RVE-150

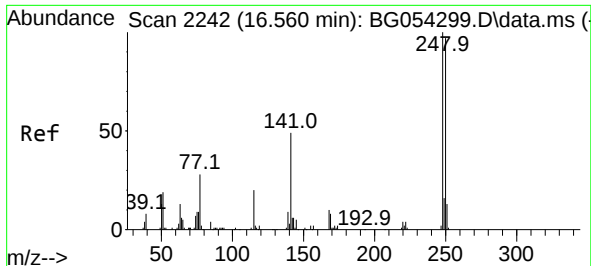
Tgt Ion:165 Resp: 7592
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.361 min Scan# 2446
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

Tgt Ion:188 Resp: 130404
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 5.0 6.8 10.2#

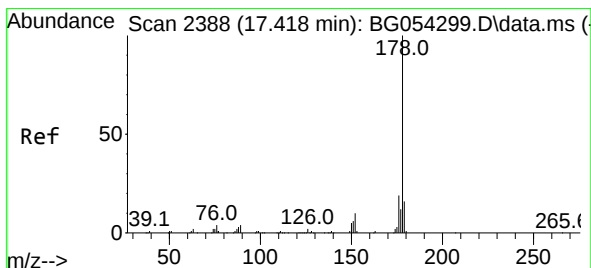
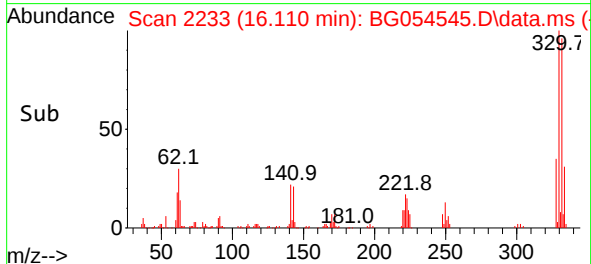
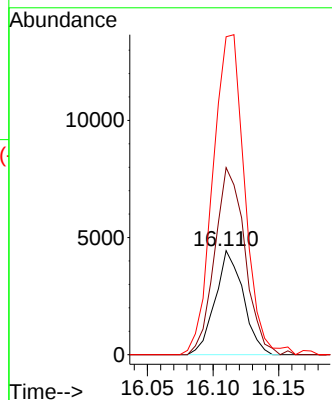
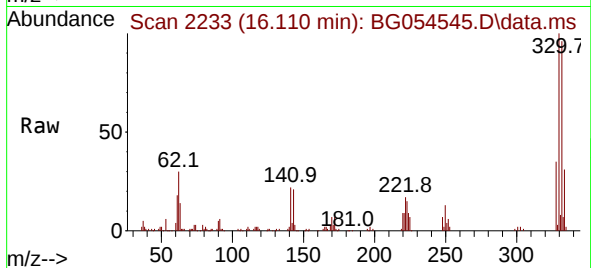




#67
4-Bromophenyl-phenylether
Concen: 3.600 ng
RT: 16.110 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

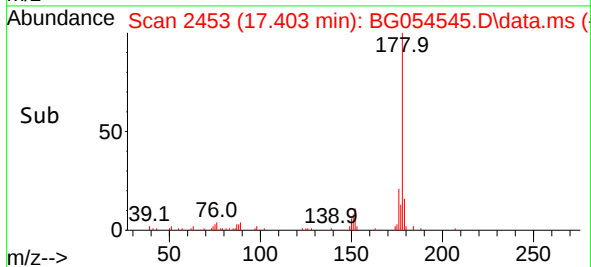
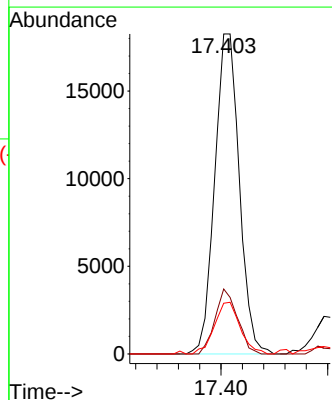
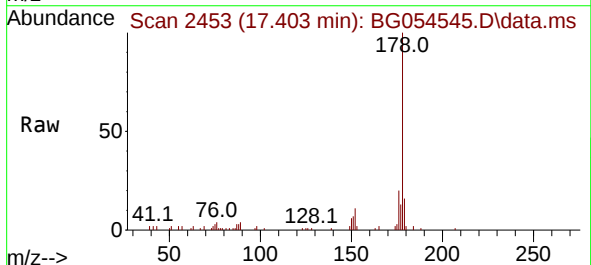
Instrument :
BNA_G
ClientSampleId :
RVE-150

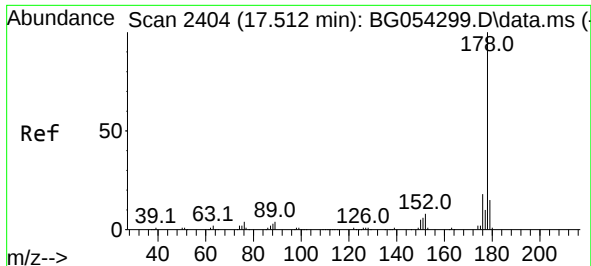
Tgt Ion:248 Resp: 6593
Ion Ratio Lower Upper
248 100
250 179.9 75.2 112.8#
141 305.8 50.0 75.0#



#71
Phenanthrene
Concen: 4.489 ng
RT: 17.403 min Scan# 2453
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

Tgt Ion:178 Resp: 29152
Ion Ratio Lower Upper
178 100
176 20.3 14.1 21.1
179 15.9 12.1 18.1

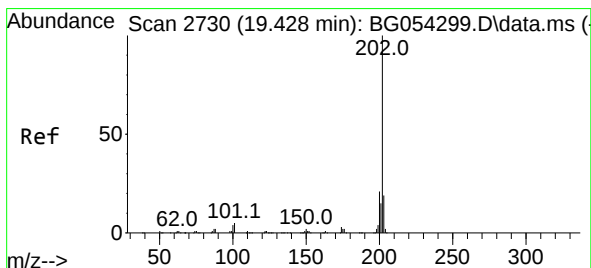
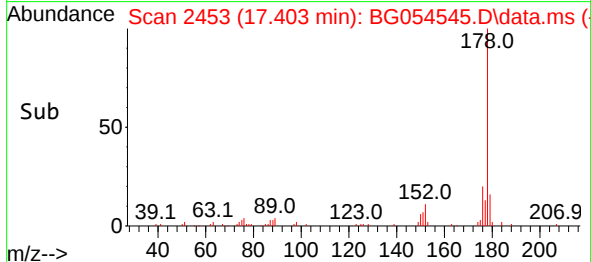
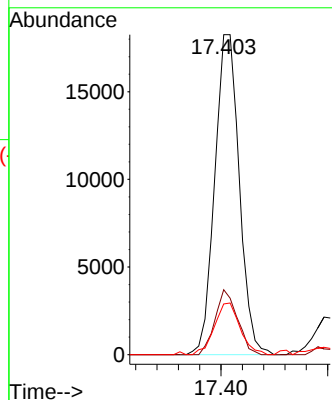
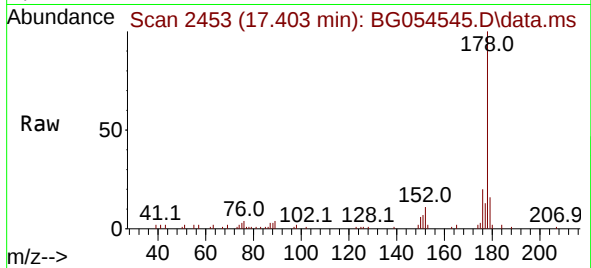




#72
 Anthracene
 Concen: 4.575 ng
 RT: 17.403 min Scan# 2404
 Delta R.T. -0.098 min
 Lab File: BG054545.D
 Acq: 5 Aug 2022 21:54

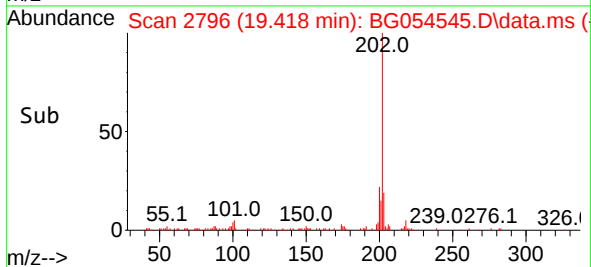
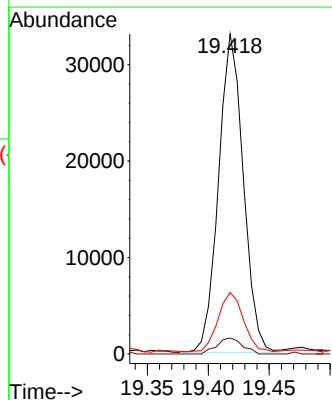
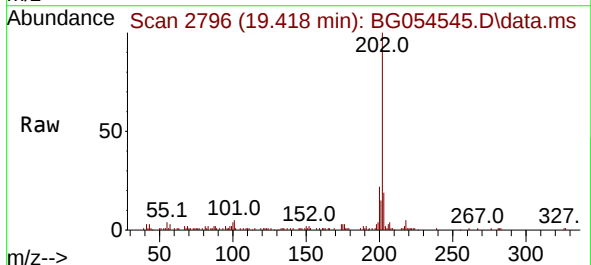
Instrument :
 BNA_G
 ClientSampleId :
 RVE-150

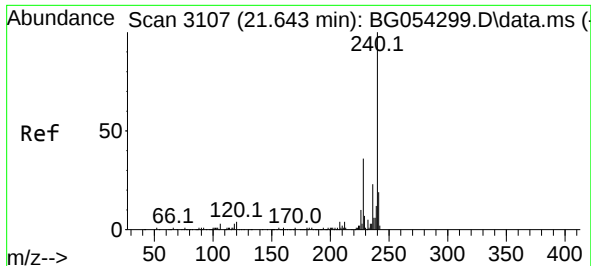
Tgt Ion:178 Resp: 29152
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.2 22.8
 179 15.9 13.0 19.4



#75
 Fluoranthene
 Concen: 5.287 ng
 RT: 19.418 min Scan# 2796
 Delta R.T. -0.004 min
 Lab File: BG054545.D
 Acq: 5 Aug 2022 21:54

Tgt Ion:202 Resp: 46801
 Ion Ratio Lower Upper
 202 100
 101 5.0 0.0 26.9
 203 19.2 0.0 37.2

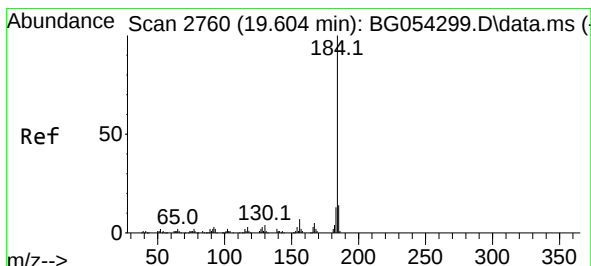
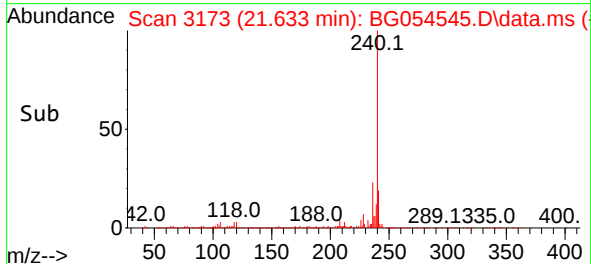
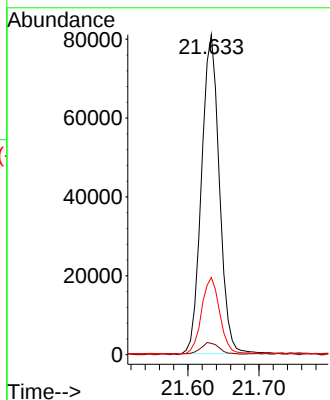
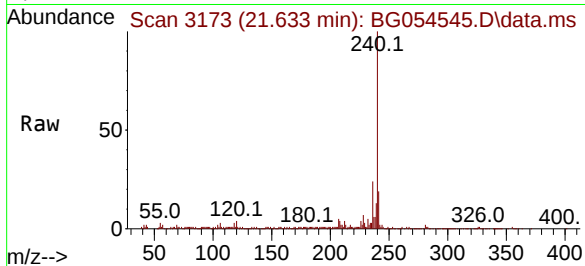




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

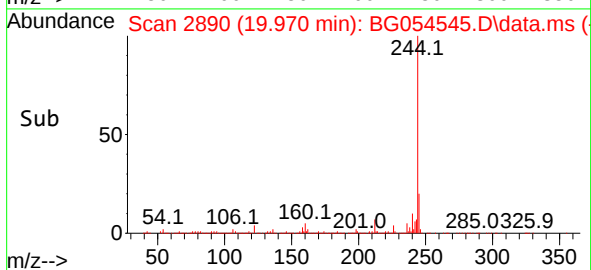
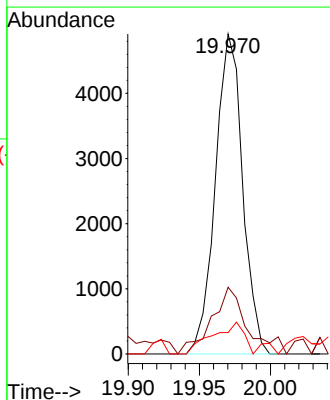
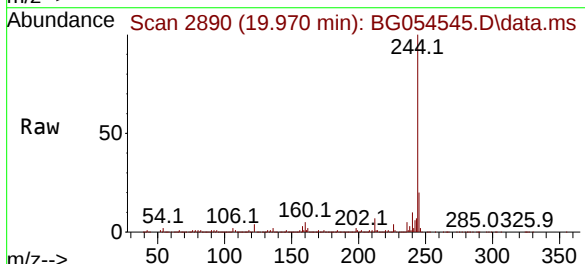
Instrument :
BNA_G
ClientSampleId :
RVE-150

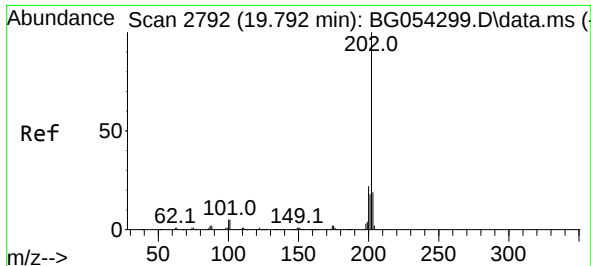
Tgt Ion:240 Resp: 141528
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.1 20.2 30.4



#77
Benzidine
Concen: 2.552 ng
RT: 19.970 min Scan# 2890
Delta R.T. 0.372 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

Tgt Ion:184 Resp: 6542
Ion Ratio Lower Upper
184 100
185 20.8 11.8 17.6#
183 6.7 8.9 13.3#

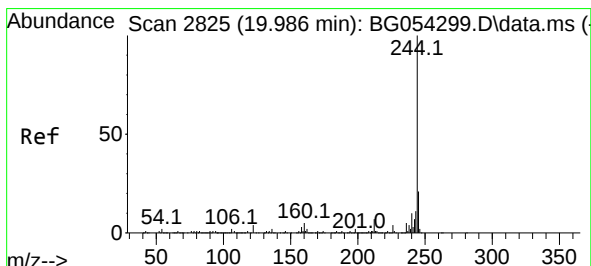
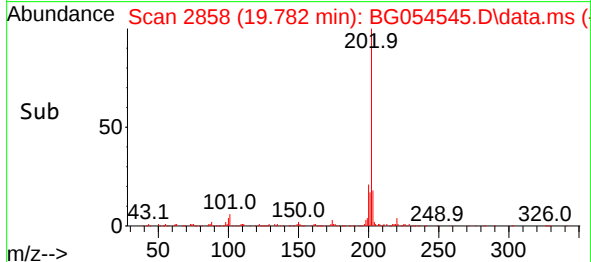
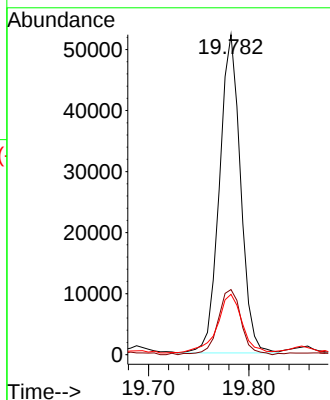
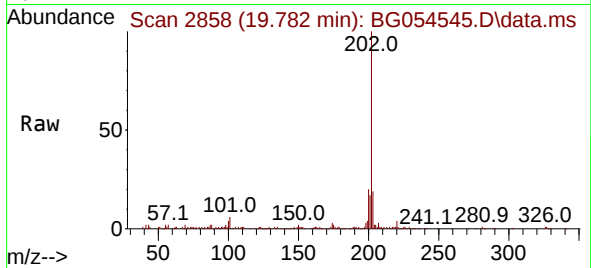




#78
 Pyrene
 Concen: 9.380 ng
 RT: 19.782 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054545.D
 Acq: 5 Aug 2022 21:54

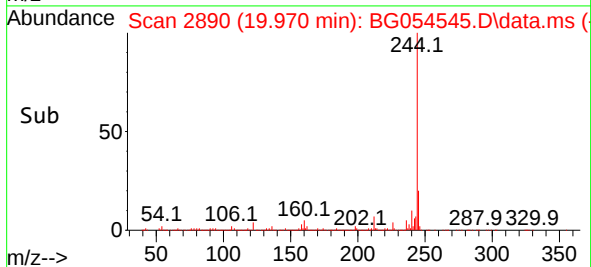
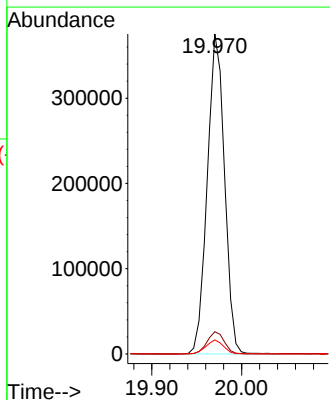
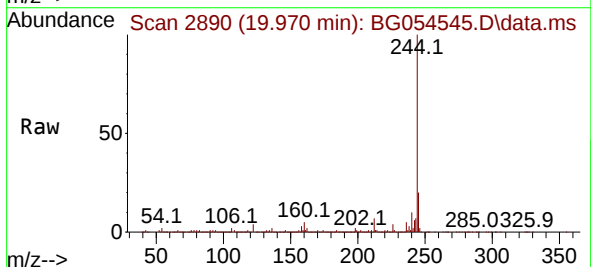
Instrument :
 BNA_G
 ClientSampleId :
 RVE-150

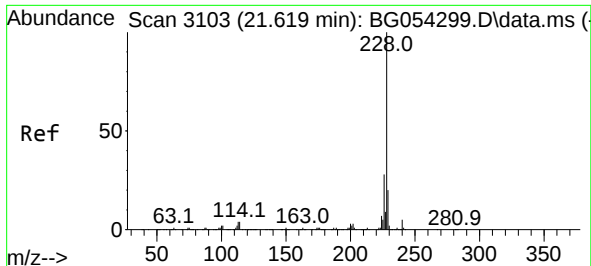
Tgt Ion:202 Resp: 76176
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.6 24.8
 203 18.8 14.6 21.8



#79
 Terphenyl-d14
 Concen: 70.115 ng
 RT: 19.970 min Scan# 2890
 Delta R.T. -0.010 min
 Lab File: BG054545.D
 Acq: 5 Aug 2022 21:54

Tgt Ion:244 Resp: 500212
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.4 5.0 7.4#

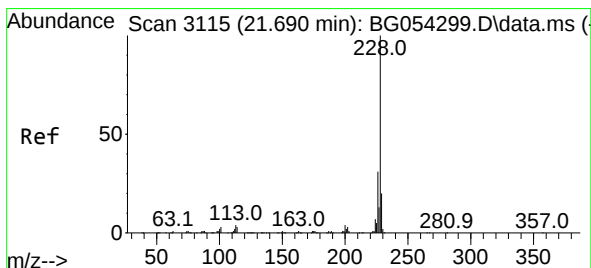
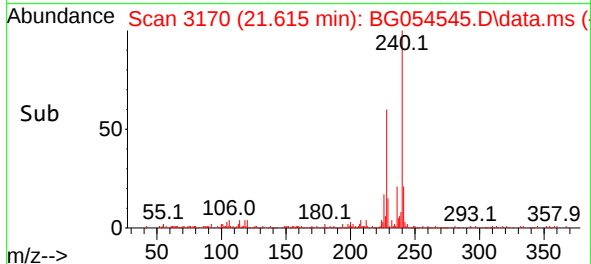
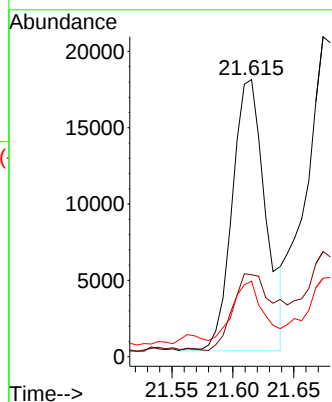
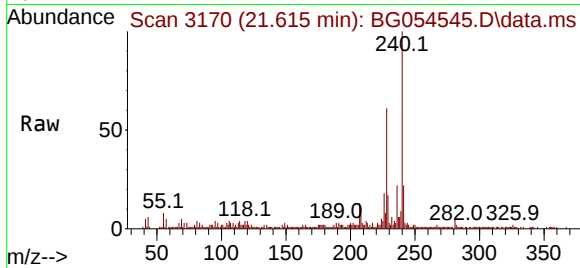




#81
Benzo(a)anthracene
Concen: 3.771 ng
RT: 21.615 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

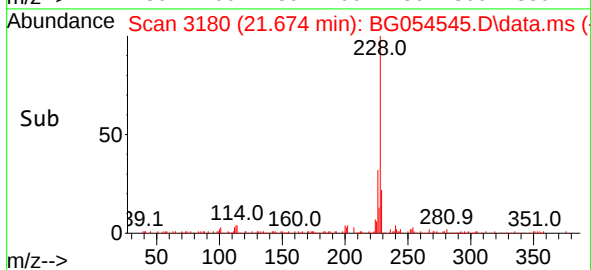
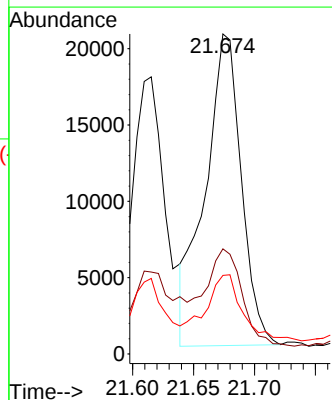
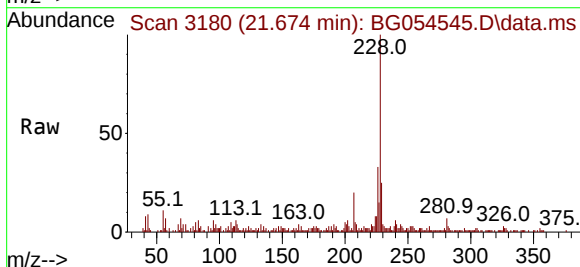
Instrument :
BNA_G
ClientSampleId :
RVE-150

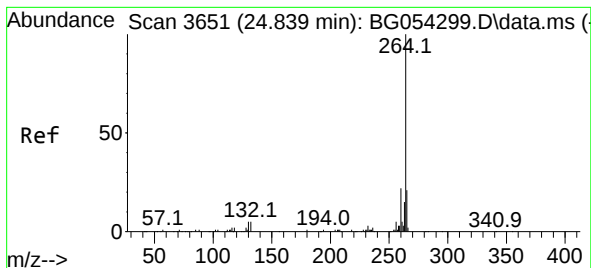
Tgt Ion:228 Resp: 33878
Ion Ratio Lower Upper
228 100
226 29.6 21.6 32.4
229 27.3 16.2 24.2#



#83
Chrysene
Concen: 4.985 ng
RT: 21.674 min Scan# 3180
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

Tgt Ion:228 Resp: 42310
Ion Ratio Lower Upper
228 100
226 32.9 23.4 35.2
229 24.5 15.5 23.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.841 min Scan# 3

Delta R.T. 0.008 min

Lab File: BG054545.D

Acq: 5 Aug 2022 21:54

Instrument :

BNA_G

ClientSampleId :

RVE-150

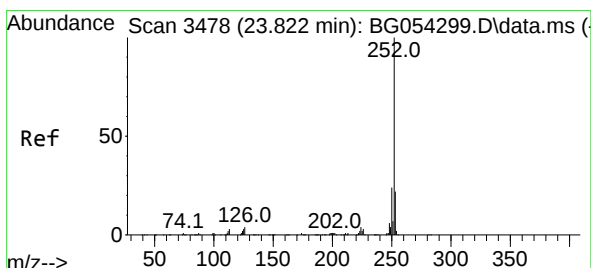
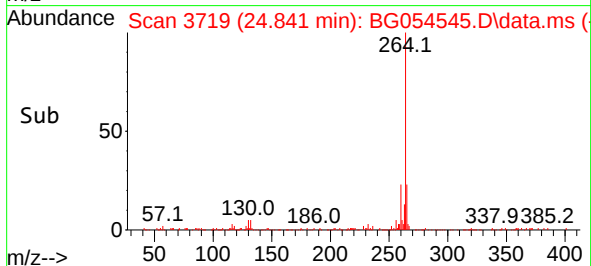
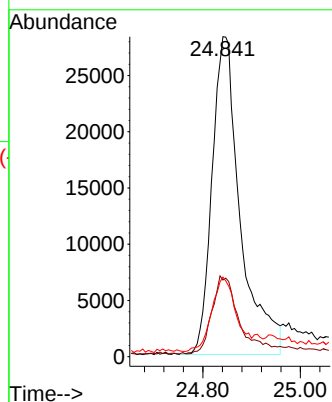
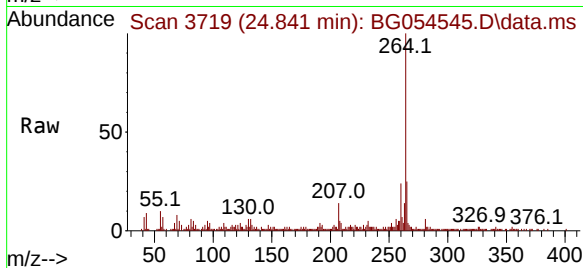
Tgt Ion:264 Resp: 113908

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 24.8 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 7.679 ng

RT: 23.830 min Scan# 3547

Delta R.T. 0.008 min

Lab File: BG054545.D

Acq: 5 Aug 2022 21:54

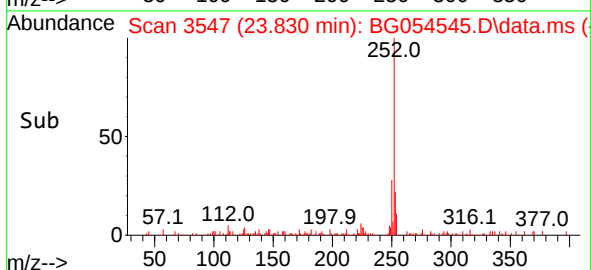
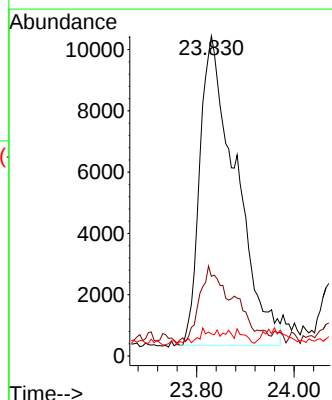
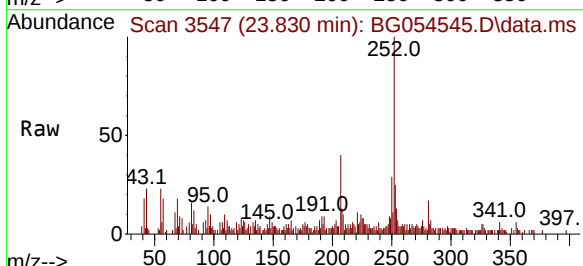
Tgt Ion:252 Resp: 51732

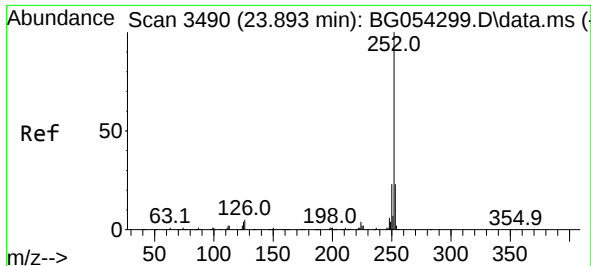
Ion Ratio Lower Upper

252 100

253 24.9 18.0 27.0

125 6.9 4.6 6.8#

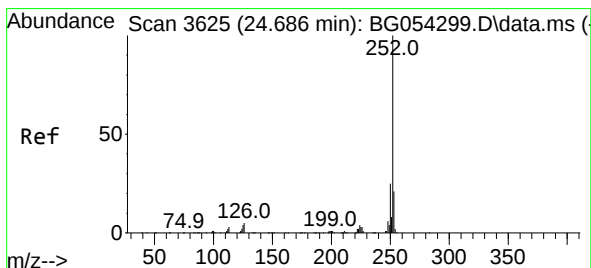
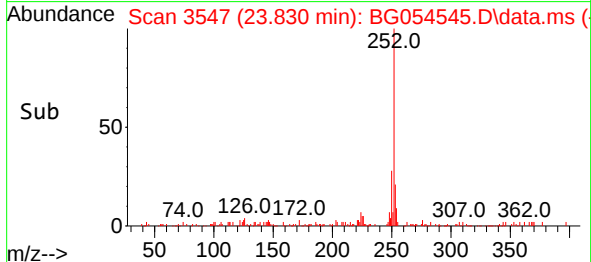
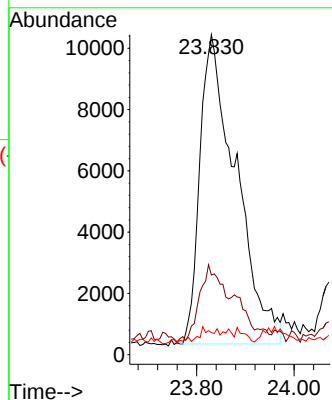
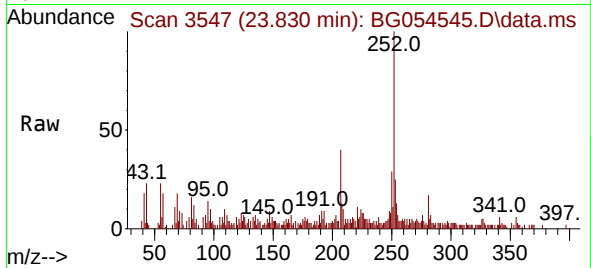




#89
Benzo(k)fluoranthene
Concen: 7.716 ng
RT: 23.830 min Scan# 31
Delta R.T. -0.057 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

Instrument :
BNA_G
ClientSampleId :
RVE-150

Tgt Ion:252 Resp: 51732
Ion Ratio Lower Upper
252 100
253 24.9 18.4 27.6
125 6.9 4.8 7.2



#90
Benzo(a)pyrene
Concen: 4.609 ng
RT: 24.694 min Scan# 3694
Delta R.T. 0.008 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

Tgt Ion:252 Resp: 26514
Ion Ratio Lower Upper
252 100
253 26.7 17.8 26.8
125 8.0 4.3 6.5

