

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
 Data File : BG054921.D
 Acq On : 13 Sep 2022 1:14
 Operator : CG/JU
 Sample : N4562-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-26524

Quant Time: Sep 13 03:12:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

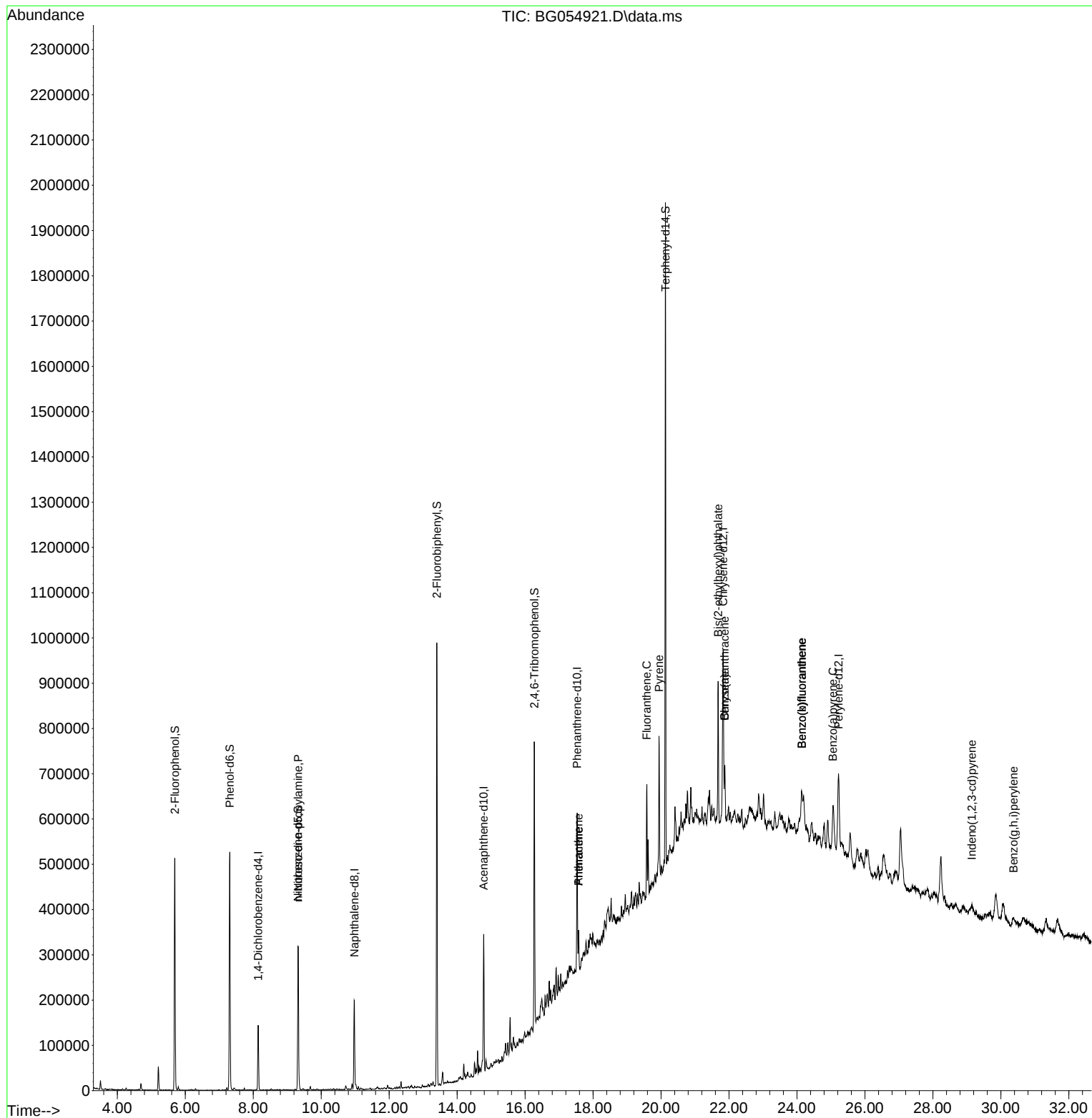
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.144	152	46652	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	182552	20.000	ng	# 0.00
39) Acenaphthene-d10	14.783	164	113514	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	229023	20.000	ng	0.00
76) Chrysene-d12	21.828	240	215937	20.000	ng	0.00
86) Perylene-d12	25.224	264	204851	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	267991	100.032	ng	0.00
7) Phenol-d6	7.310	99	356702	97.358	ng	0.00
23) Nitrobenzene-d5	9.319	82	213274	61.331	ng	0.00
42) 2,4,6-Tribromophenol	16.276	330	149843	105.640	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	542240	71.797	ng	0.00
79) Terphenyl-d14	20.130	244	755849	69.355	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.325	70	27485	10.909	ng	# 72
71) Phenanthrene	17.574	178	49855	4.086	ng	97
72) Anthracene	17.574	178	49855	4.203	ng	97
75) Fluoranthene	19.584	202	155646	10.487	ng	97
78) Pyrene	19.942	202	188370	12.510	ng	98
81) Benzo(a)anthracene	21.875	228	115976	7.921	ng	94
83) Chrysene	21.875	228	115976	8.285	ng	97
84) Bis(2-ethylhexyl)phtha...	21.681	149	141211	15.606	ng	# 96
87) Indeno(1,2,3-cd)pyrene	29.149	276	48774	3.136	ng	# 92
88) Benzo(b)fluoranthene	24.143	252	152683	11.881	ng	# 82
89) Benzo(k)fluoranthene	24.143	252	152683	11.806	ng	# 82
90) Benzo(a)pyrene	25.060	252	91182	8.305	ng	# 85
92) Benzo(g,h,i)perylene	30.377	276	47737	3.730	ng	# 87

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

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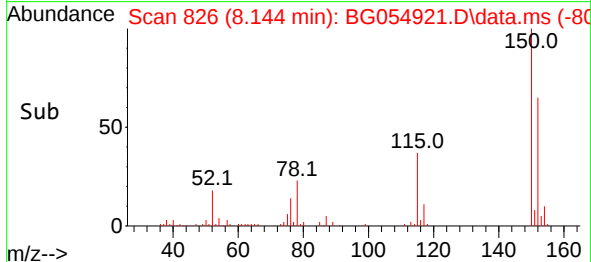
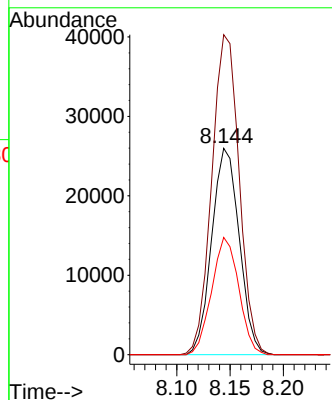
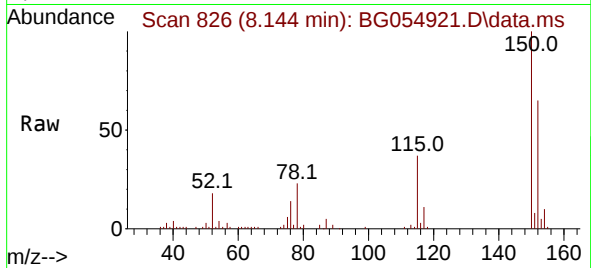




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.144 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

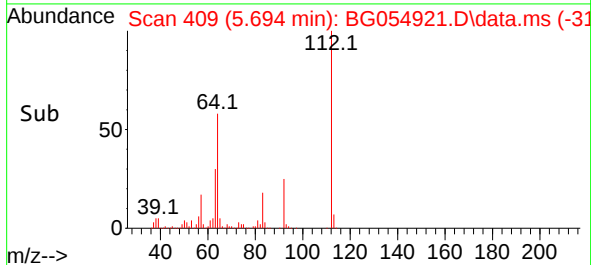
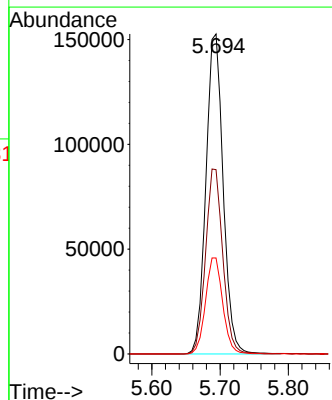
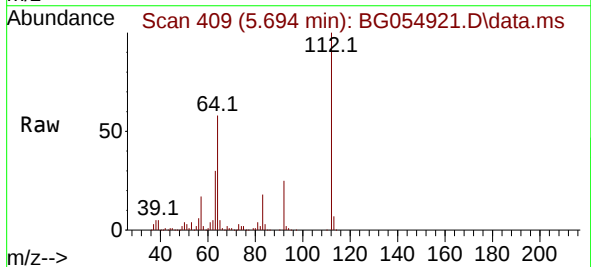
Instrument :
BNA_G
ClientSampleId :
CHRT-26524

Tgt Ion:152 Resp: 46652
Ion Ratio Lower Upper
152 100
150 155.0 125.2 187.8
115 56.8 47.9 71.9



#5
2-Fluorophenol
Concen: 100.032 ng
RT: 5.694 min Scan# 409
Delta R.T. 0.010 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

Tgt Ion:112 Resp: 267991
Ion Ratio Lower Upper
112 100
64 57.6 49.3 73.9
63 30.0 26.3 39.5

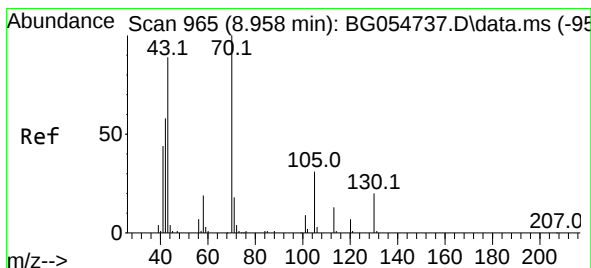
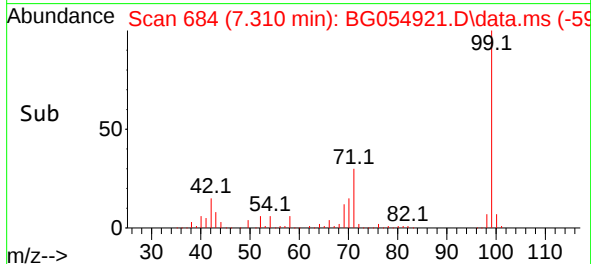
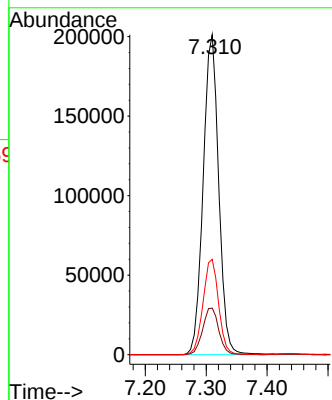
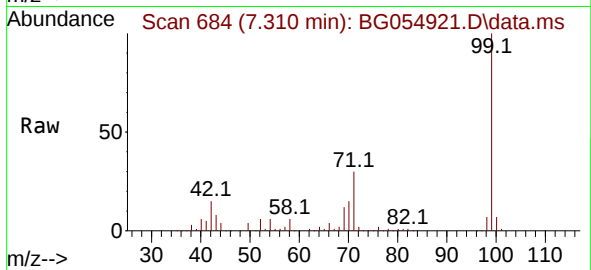




#7
Phenol-d6
Concen: 97.358 ng
RT: 7.310 min Scan# 61
Delta R.T. 0.010 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

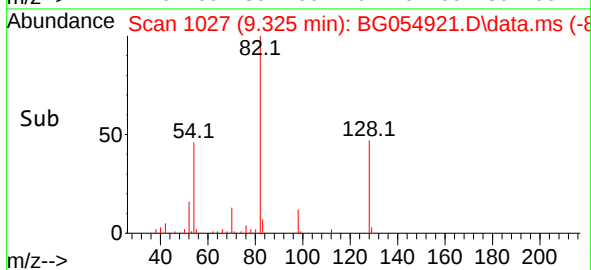
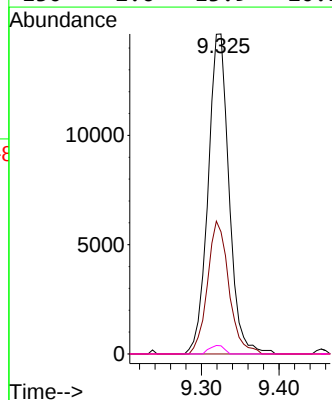
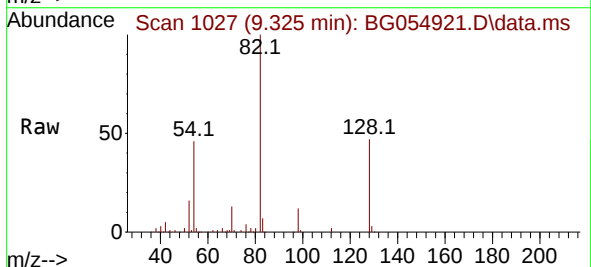
Instrument :
BNA_G
ClientSampleId :
CHRT-26524

Tgt Ion: 99 Resp: 356702
Ion Ratio Lower Upper
99 100
42 14.6 14.6 22.0#
71 29.8 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.909 ng
RT: 9.325 min Scan# 1027
Delta R.T. 0.374 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

Tgt Ion: 70 Resp: 27485
Ion Ratio Lower Upper
70 100
42 38.2 46.6 69.8#
101 0.0 7.7 11.5#
130 2.6 13.9 20.9#





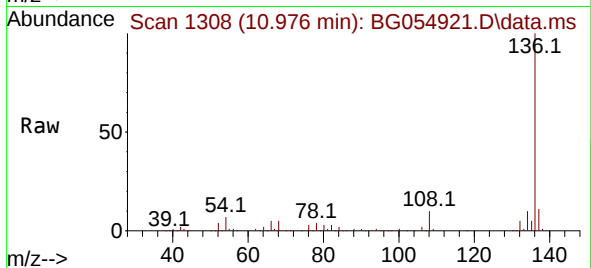
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

Instrument :

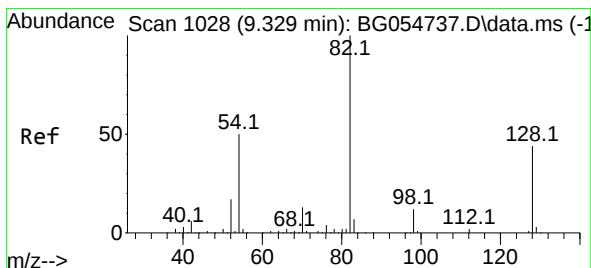
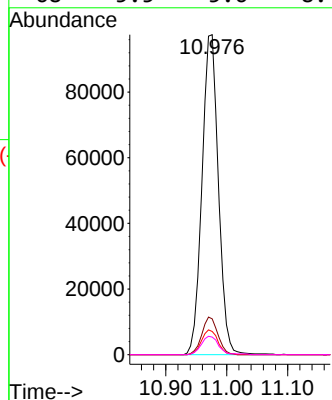
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ClientSampleId :

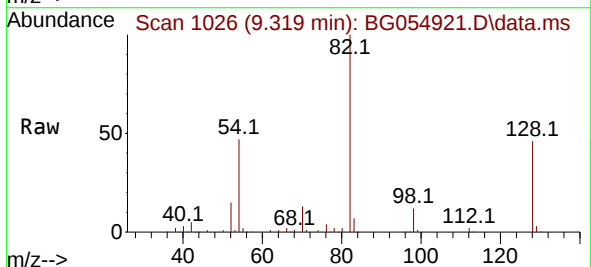
CHRT-26524



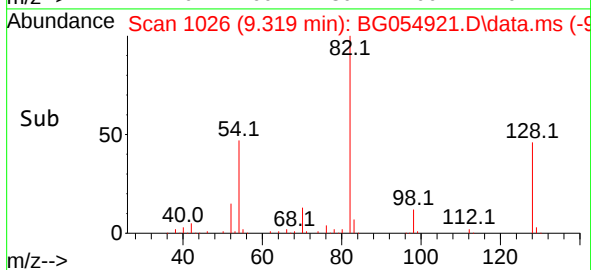
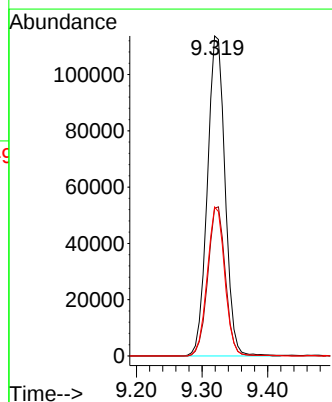
Tgt Ion:136 Resp: 182552
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.2 7.7 11.5#
68 5.5 5.6 8.4#

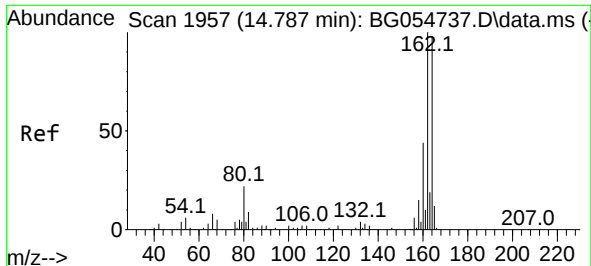


#23
Nitrobenzene-d5
Concen: 61.331 ng
RT: 9.319 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14



Tgt Ion: 82 Resp: 213274
Ion Ratio Lower Upper
82 100
128 46.2 32.2 48.2
54 46.5 41.4 62.0

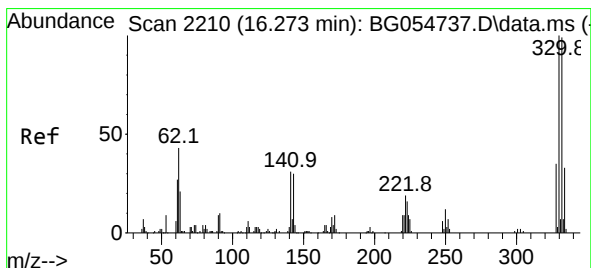
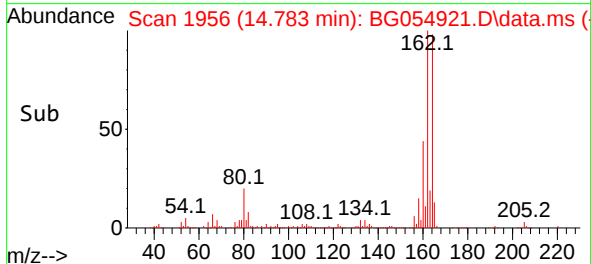
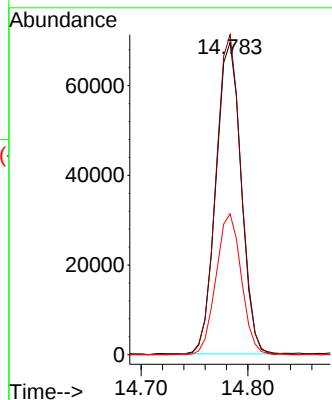
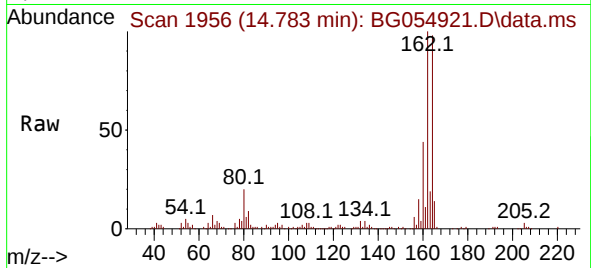




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1956
Delta R.T. 0.004 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

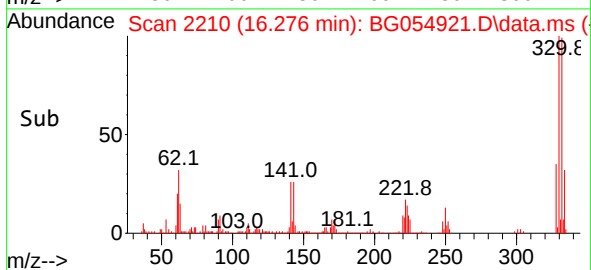
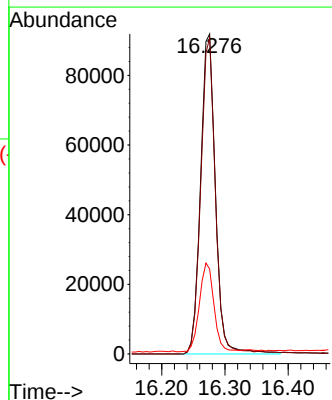
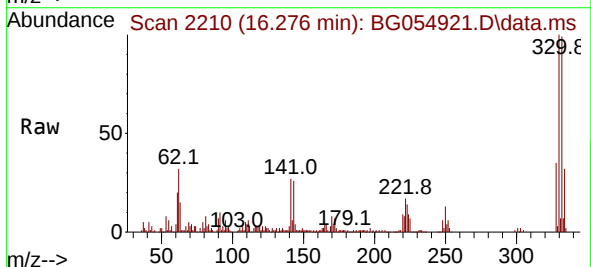
Instrument :
BNA_G
ClientSampleId :
CHRT-26524

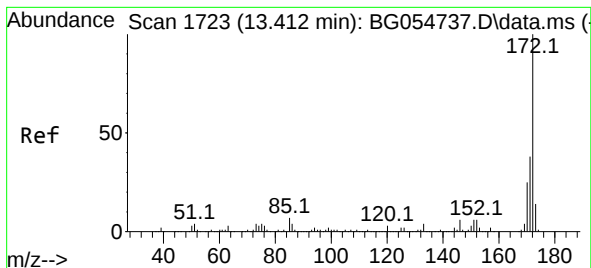
Tgt Ion:164 Resp: 113514
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.4
160 45.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 105.640 ng
RT: 16.276 min Scan# 2210
Delta R.T. 0.004 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

Tgt Ion:330 Resp: 149843
Ion Ratio Lower Upper
330 100
332 97.9 79.8 119.6
141 27.0 26.8 40.2

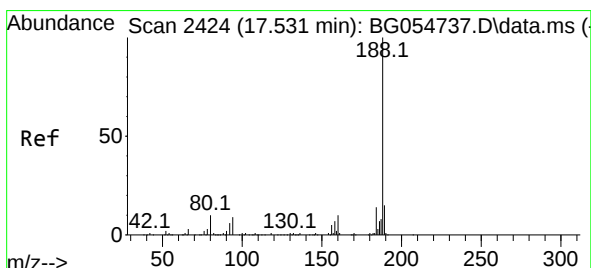
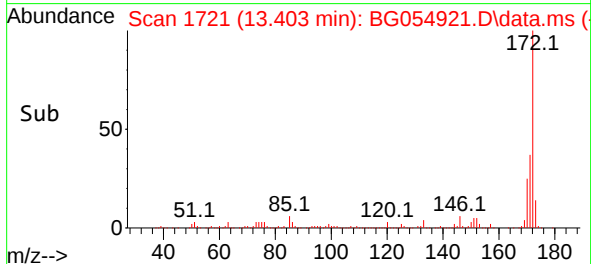
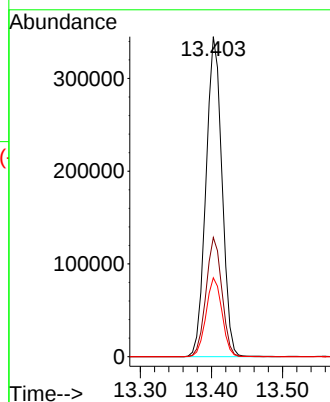
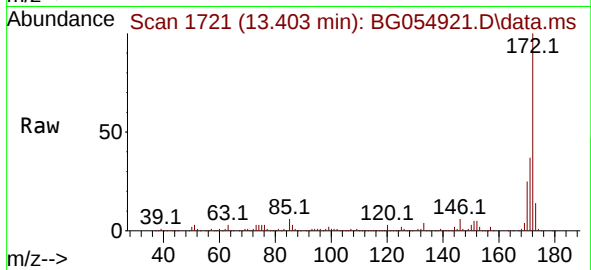




#45
2-Fluorobiphenyl
Concen: 71.797 ng
RT: 13.403 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

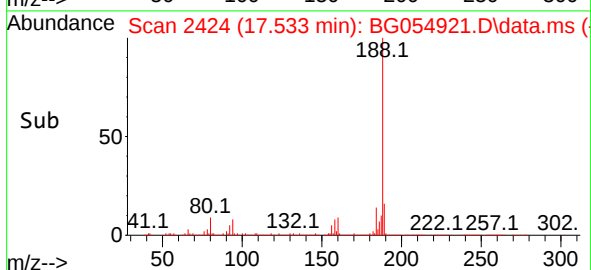
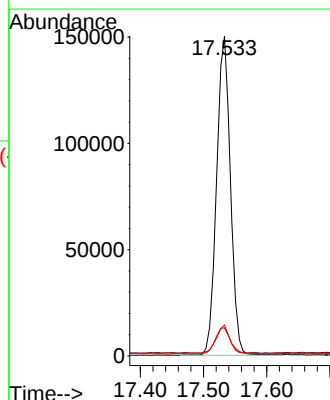
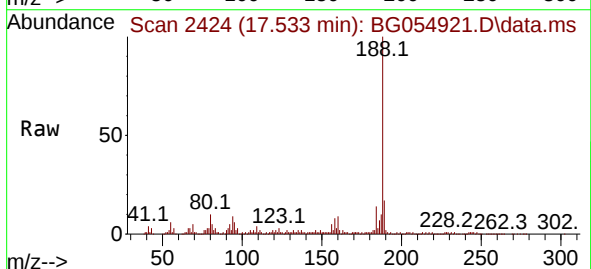
Instrument :
BNA_G
ClientSampleId :
CHRT-26524

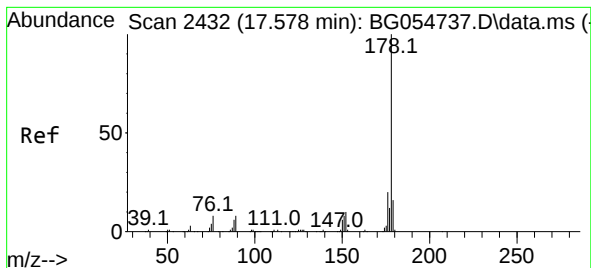
Tgt Ion:172 Resp: 542240
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 24.6 20.6 30.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.533 min Scan# 2424
Delta R.T. 0.004 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

Tgt Ion:188 Resp: 229023
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.7 7.9 11.9





#71

Phenanthrene

Concen: 4.086 ng

RT: 17.574 min Scan# 2431

Delta R.T. 0.004 min

Lab File: BG054921.D

Acq: 13 Sep 2022 1:14

Instrument :

BNA_G

ClientSampleId :

CHRT-26524

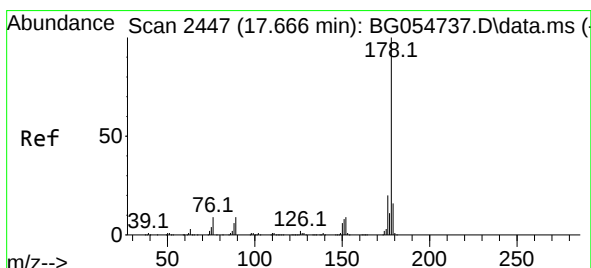
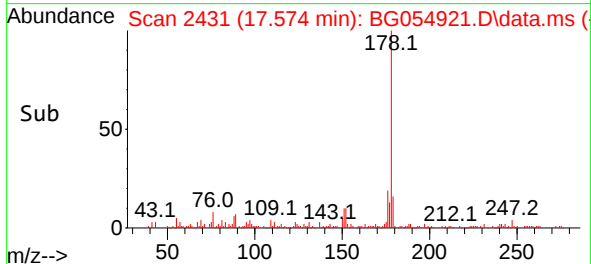
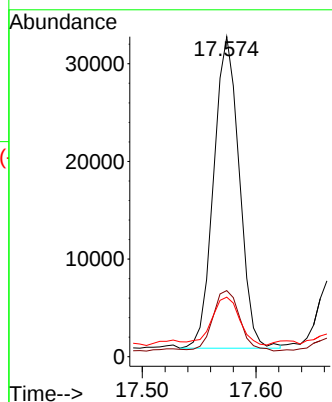
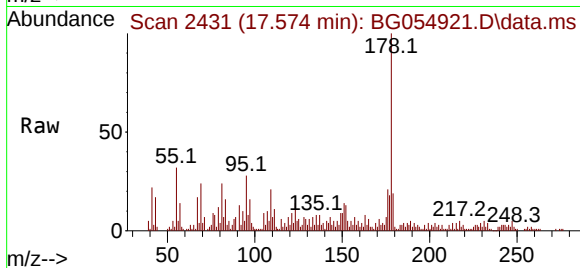
Tgt Ion:178 Resp: 49855

Ion Ratio Lower Upper

178 100

176 20.7 16.6 25.0

179 18.6 12.8 19.2



#72

Anthracene

Concen: 4.203 ng

RT: 17.574 min Scan# 2431

Delta R.T. -0.090 min

Lab File: BG054921.D

Acq: 13 Sep 2022 1:14

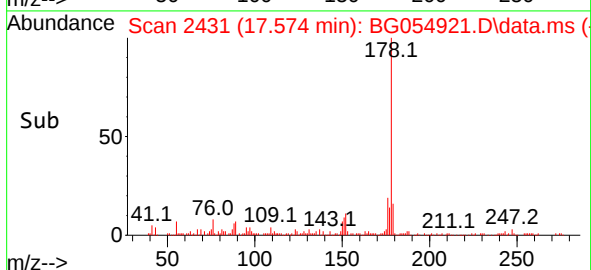
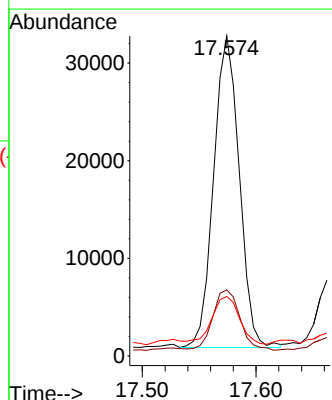
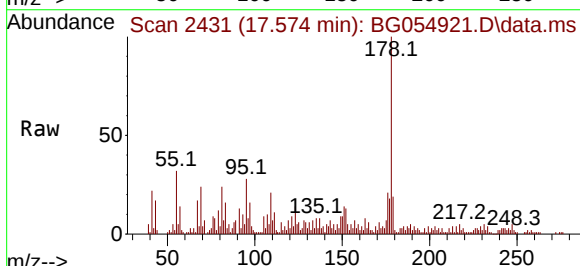
Tgt Ion:178 Resp: 49855

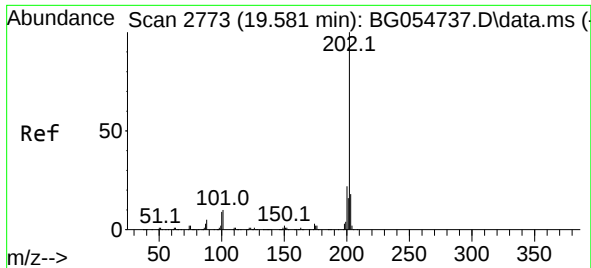
Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

179 18.6 12.9 19.3

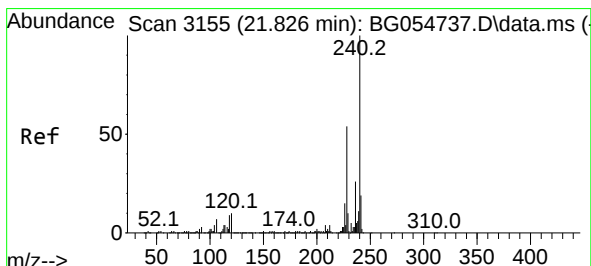
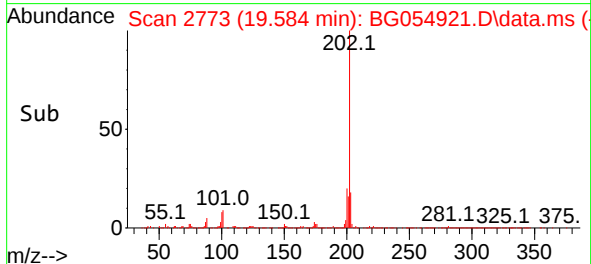
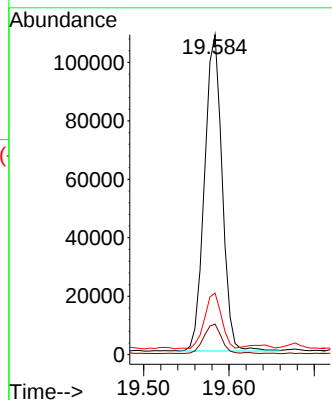
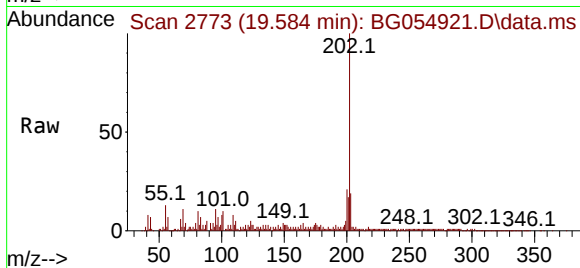




#75
Fluoranthene
Concen: 10.487 ng
RT: 19.584 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

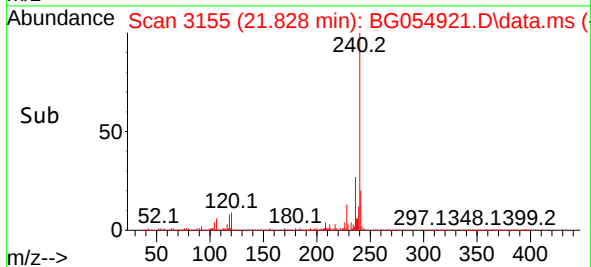
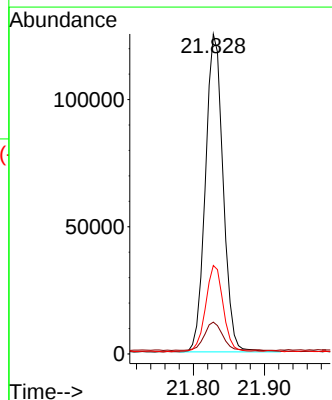
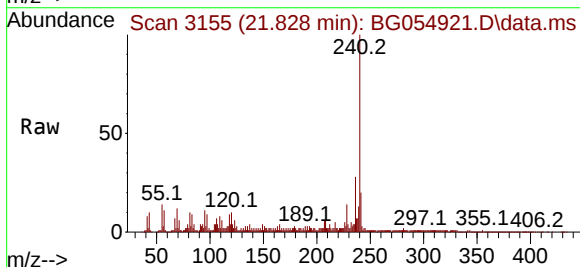
Instrument :
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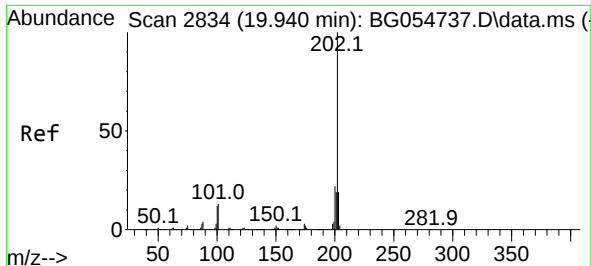
Tgt Ion:202 Resp: 155646
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.4
203 19.2 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.828 min Scan# 3155
Delta R.T. 0.004 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

Tgt Ion:240 Resp: 215937
Ion Ratio Lower Upper
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120 10.0 8.2 12.4
236 27.6 21.2 31.8

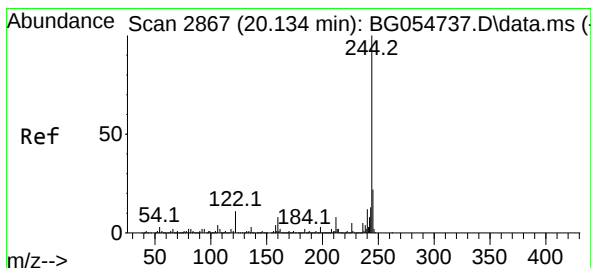
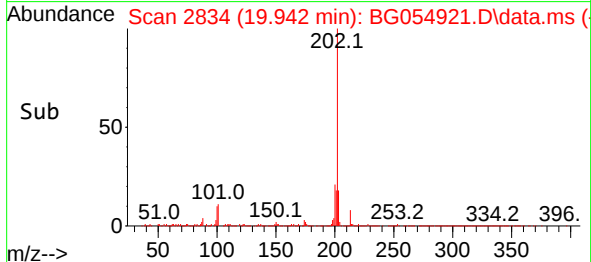
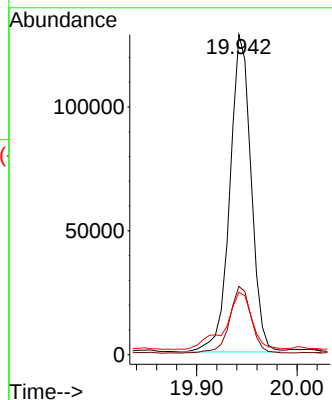
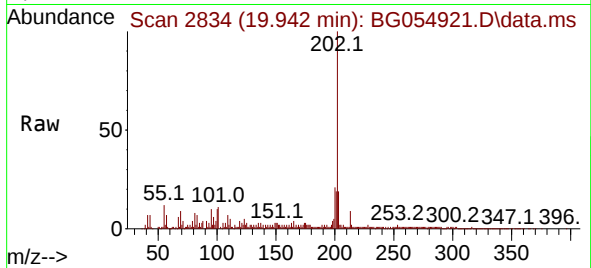




#78
 Pyrene
 Concen: 12.510 ng
 RT: 19.942 min Scan# 2834
 Delta R.T. 0.004 min
 Lab File: BG054921.D
 Acq: 13 Sep 2022 1:14

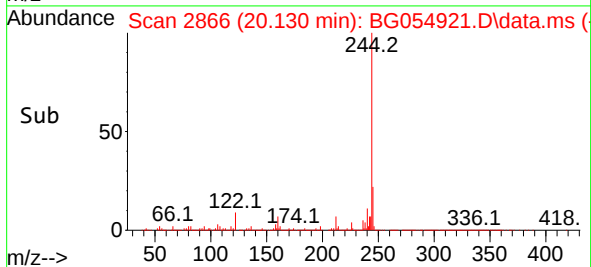
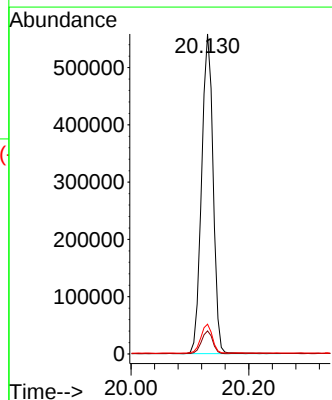
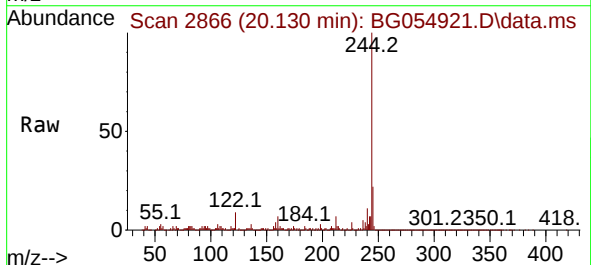
Instrument :
 BNA_G
 ClientSampleId :
 CHRT-26524

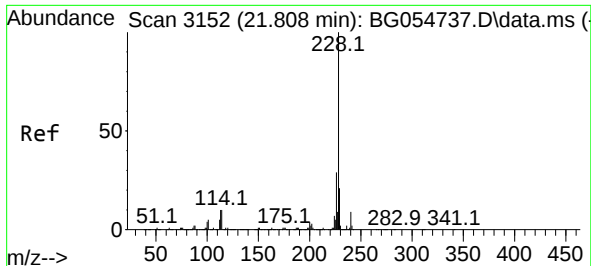
Tgt Ion:202 Resp: 188370
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.8 26.6
 203 19.5 14.6 21.8



#79
 Terphenyl-d14
 Concen: 69.355 ng
 RT: 20.130 min Scan# 2866
 Delta R.T. 0.004 min
 Lab File: BG054921.D
 Acq: 13 Sep 2022 1:14

Tgt Ion:244 Resp: 755849
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.3 9.0 13.6

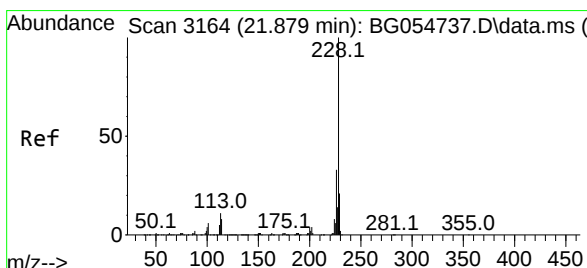
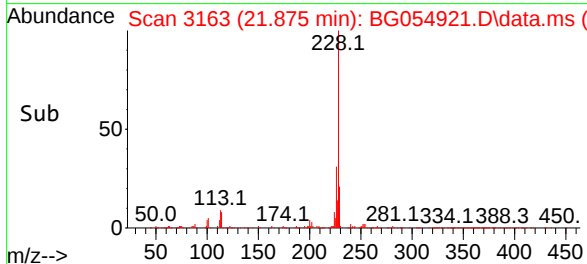
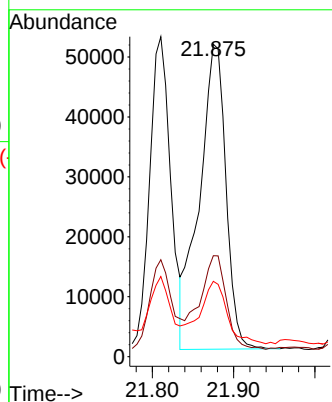
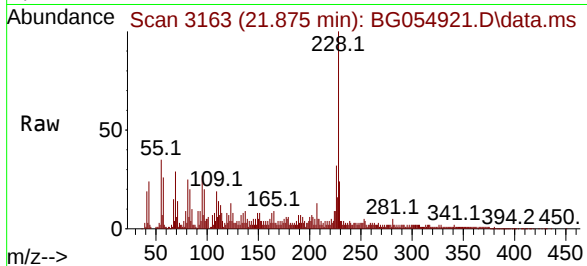




#81
Benzo(a)anthracene
Concen: 7.921 ng
RT: 21.875 min Scan# 3163
Delta R.T. 0.068 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

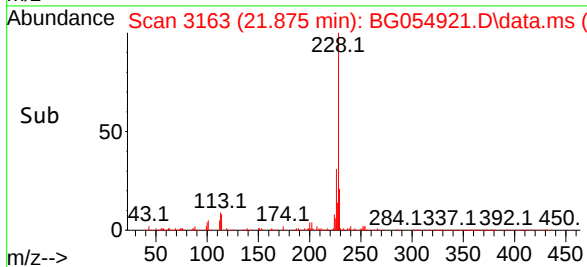
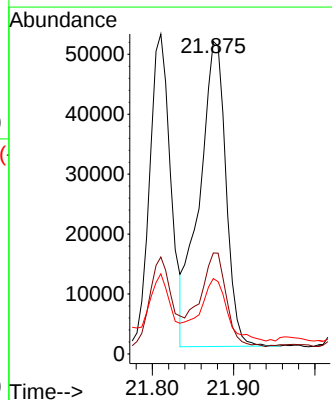
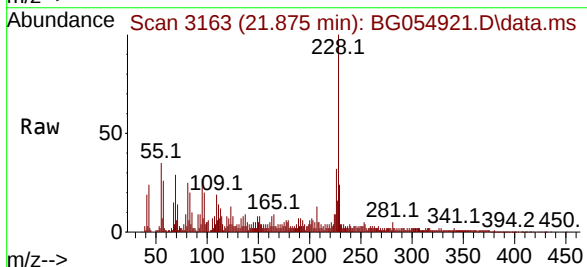
Instrument :
BNA_G
ClientSampleId :
CHRT-26524

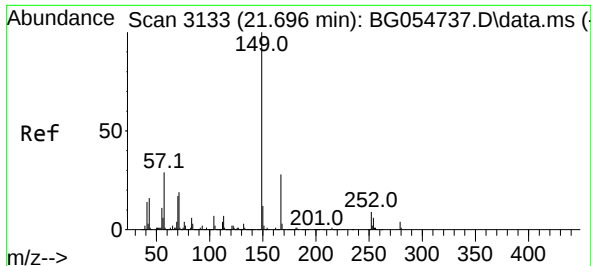
Tgt Ion:228 Resp: 115976
Ion Ratio Lower Upper
228 100
226 32.3 23.4 35.2
229 24.1 16.5 24.7



#83
Chrysene
Concen: 8.285 ng
RT: 21.875 min Scan# 3163
Delta R.T. 0.004 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

Tgt Ion:228 Resp: 115976
Ion Ratio Lower Upper
228 100
226 32.3 25.5 38.3
229 24.1 16.8 25.2

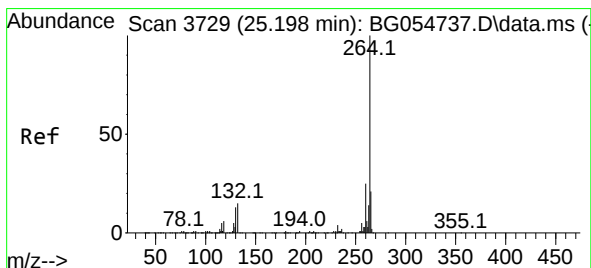
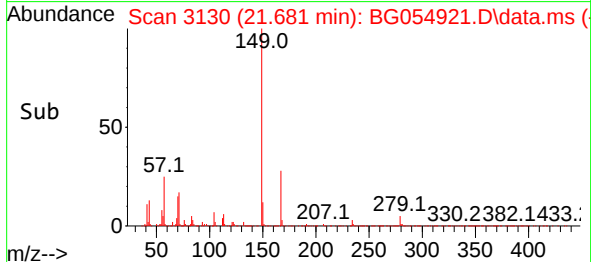
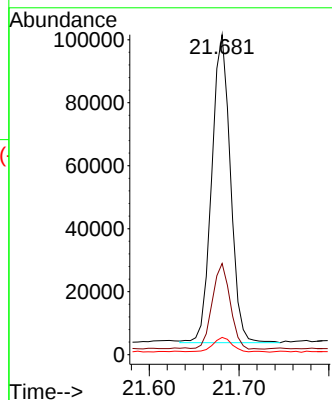
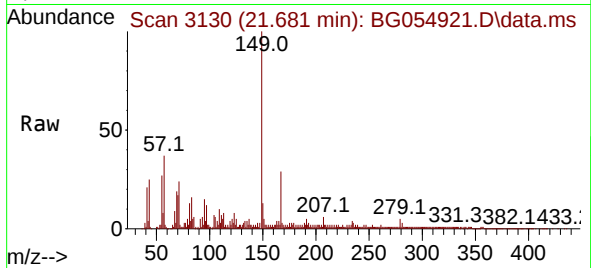




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 15.606 ng
 RT: 21.681 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BG054921.D
 Acq: 13 Sep 2022 1:14

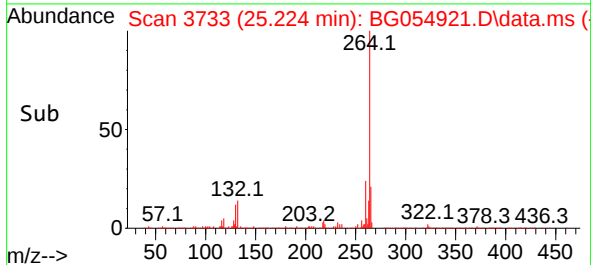
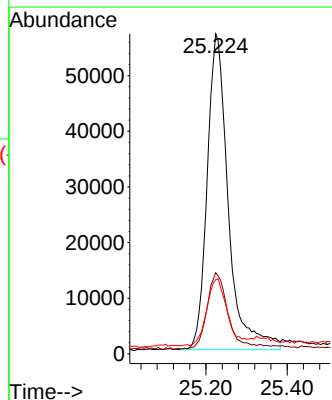
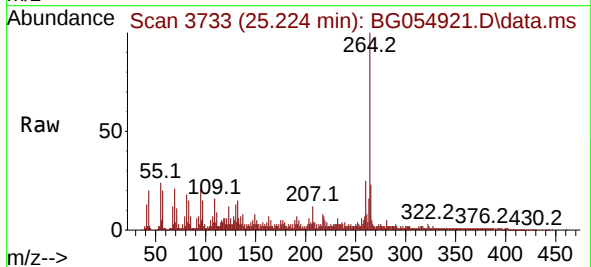
Instrument :
 BNA_G
 ClientSampleId :
 CHRT-26524

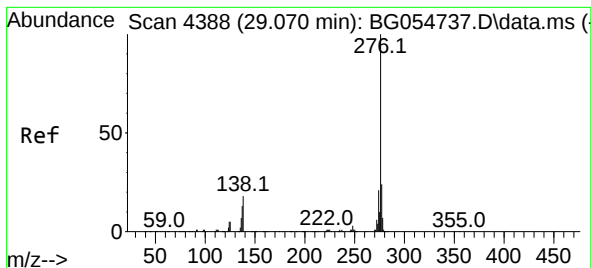
Tgt Ion:149 Resp: 141211
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.4 32.0
 279 5.4 3.1 4.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.224 min Scan# 3733
 Delta R.T. 0.021 min
 Lab File: BG054921.D
 Acq: 13 Sep 2022 1:14

Tgt Ion:264 Resp: 204851
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.9 29.9
 265 23.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.136 ng

RT: 29.149 min Scan# 4401

Delta R.T. 0.039 min

Lab File: BG054921.D

Acq: 13 Sep 2022 1:14

Instrument :

BNA_G

ClientSampleId :

CHRT-26524

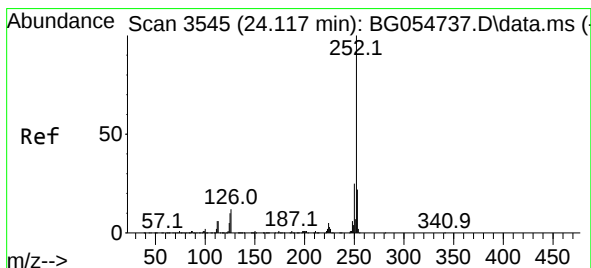
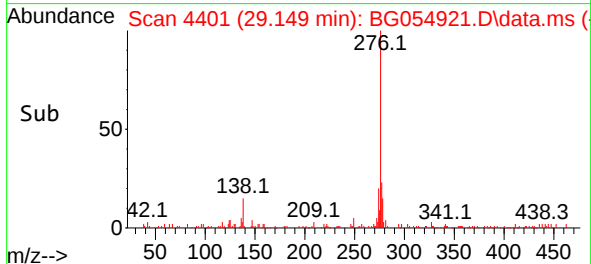
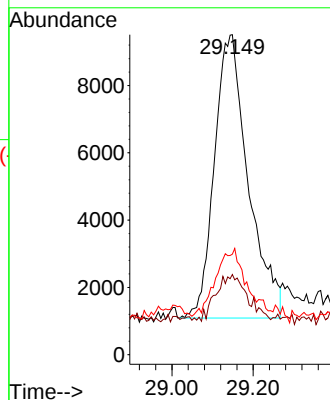
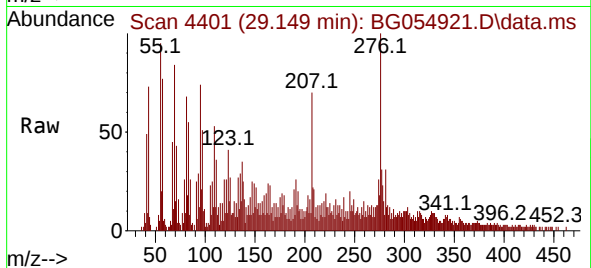
Tgt Ion:276 Resp: 48774

Ion Ratio Lower Upper

276 100

138 13.0 12.0 18.0

277 19.9 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 11.881 ng

RT: 24.143 min Scan# 3549

Delta R.T. 0.021 min

Lab File: BG054921.D

Acq: 13 Sep 2022 1:14

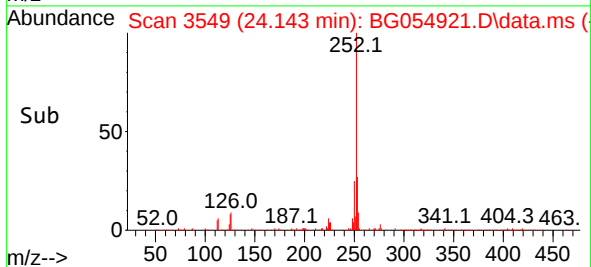
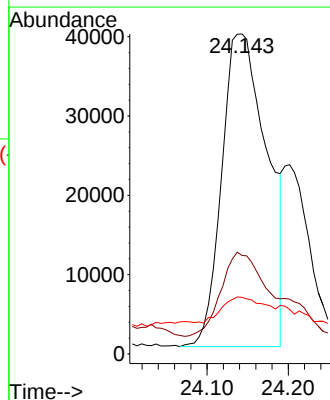
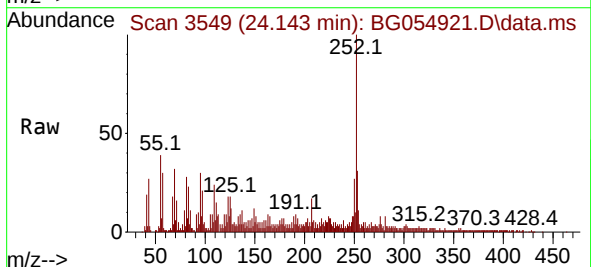
Tgt Ion:252 Resp: 152683

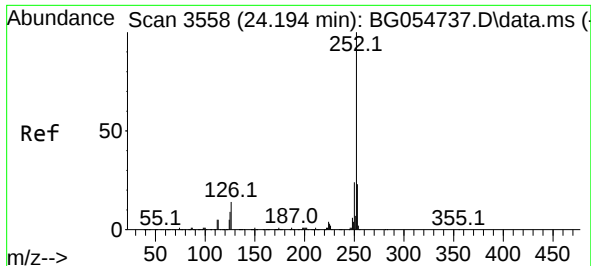
Ion Ratio Lower Upper

252 100

253 30.8 18.0 27.0#

125 17.7 8.1 12.1#

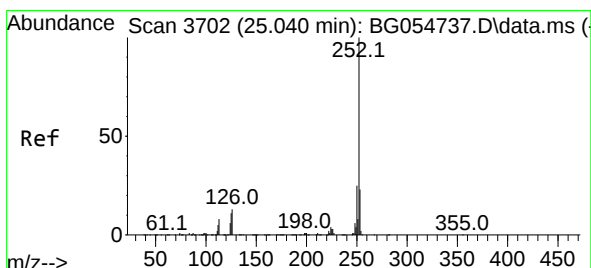
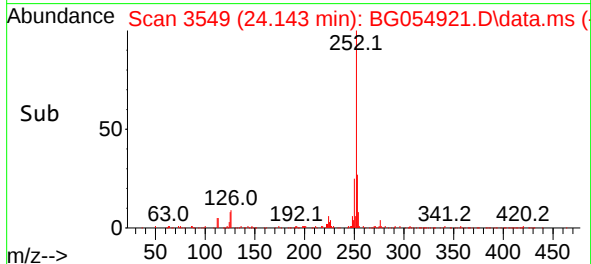
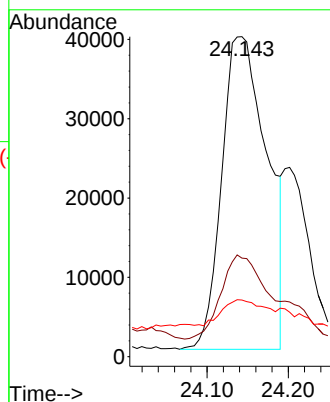
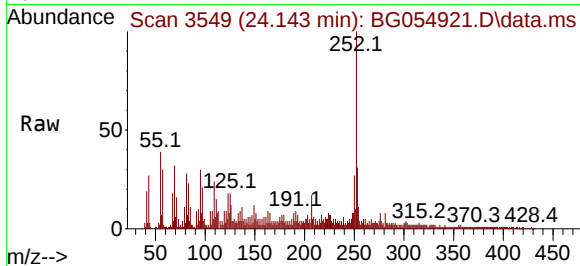




#89
Benzo(k)fluoranthene
Concen: 11.806 ng
RT: 24.143 min Scan# 31
Delta R.T. -0.049 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

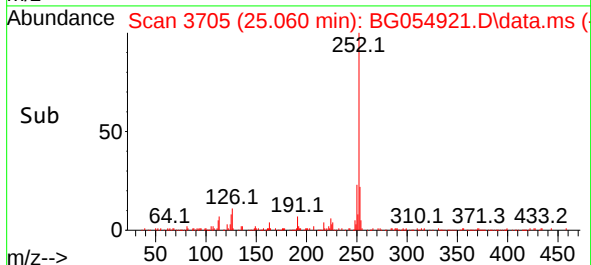
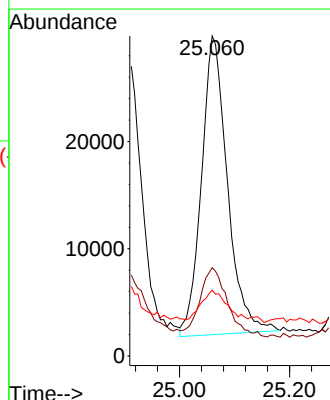
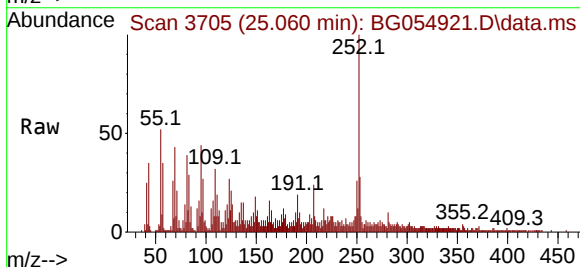
Instrument :
BNA_G
ClientSampleId :
CHRT-26524

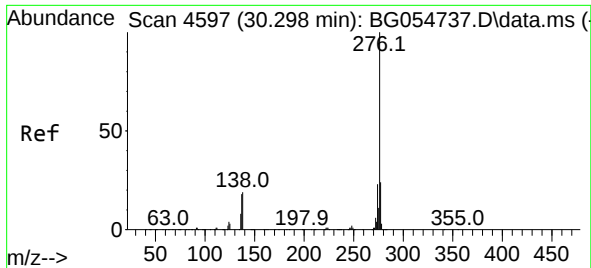
Tgt Ion:252 Resp: 152683
Ion Ratio Lower Upper
252 100
253 30.8 17.8 26.8#
125 17.7 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 8.305 ng
RT: 25.060 min Scan# 3705
Delta R.T. 0.010 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

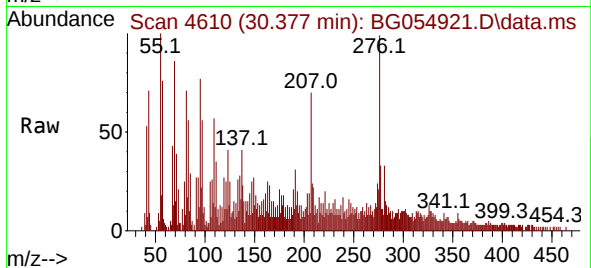
Tgt Ion:252 Resp: 91182
Ion Ratio Lower Upper
252 100
253 27.6 18.3 27.5#
125 20.5 8.8 13.2#





#92
Benzo(g,h,i)perylene
Concen: 3.730 ng
RT: 30.377 min Scan# 4
Delta R.T. 0.051 min
Lab File: BG054921.D
Acq: 13 Sep 2022 1:14

Instrument :
BNA_G
ClientSampleId :
CHRT-26524



Tgt Ion:276 Resp: 47737
Ion Ratio Lower Upper
276 100
277 33.6 19.4 29.0#
138 23.5 16.6 25.0

