

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022323\
 Data File : BG056714.D
 Acq On : 23 Feb 2023 16:34
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV420

Quant Time: Feb 23 17:26:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 23 15:40:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.426	152	18299	20.000	ng/ul	0.00
20) Naphthalene-d8	11.264	136	81105	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	15.030	164	65147	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.762	188	168242	20.000	ng/ul	0.00
79) Chrysene-d12	22.074	240	140699	20.000	ng/ul	0.00
88) Perylene-d12	25.611	264	149184	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.702	96	3144	9.531	ng/uL	0.00
4) Pyridine-d5	4.143	84	25993	19.521	ng/ul	0.00
7) Phenol-d5	7.544	99	35579	19.430	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.727	67	24977	22.361	ng/ul	0.00
11) 2-Chlorophenol-d4	7.944	132	24401	20.066	ng/ul	0.00
15) 4-Methylphenol-d8	9.113	113	27639	19.754	ng/ul	0.00
21) Nitrobenzene-d5	9.595	128	12929	19.022	ng/ul	0.00
24) 2-Nitrophenol-d4	10.324	143	15675	19.374	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	29974	19.665	ng/ul	0.00
31) 4-Chloroaniline-d4	11.381	131	39746	19.993	ng/ul	0.00
46) Dimethylphthalate-d6	14.419	166	105946	20.156	ng/ul	0.00
49) Acenaphthylene-d8	14.730	160	116796	19.551	ng/ul	0.00
54) 4-Nitrophenol-d4	15.183	143	18882	20.836	ng/ul	0.00
60) Fluorene-d10	16.011	176	96545	19.856	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.117	200	21560	19.154	ng/ul	0.00
73) Anthracene-d10	17.862	188	158980	19.478	ng/ul	0.00
81) Pyrene-d10	20.118	212	182049	19.121	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.365	264	161619	20.071	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.737	88	3515	8.642	ng/ul#	93
5) Pyridine	4.160	79	27084	19.207	ng/ul	95
6) Benzaldehyde	7.544	77	23777	24.784	ng/ul	96
8) Phenol	7.574	94	39191	20.982	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.821	93	27902	21.025	ng/ul	98
12) 2-Chlorophenol	7.979	128	25059	20.809	ng/ul	97
13) 2-Methylphenol	8.849	108	28127	19.964	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.943	45	37192	20.856	ng/ul	97
16) Acetophenone	9.248	105	51746	21.597	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.225	70	29957	21.790	ng/ul	97
18) 4-Methylphenol	9.178	108	30555	19.959	ng/ul	91
19) Hexachloroethane	9.524	117	10879	21.244	ng/ul#	80
22) Nitrobenzene	9.642	77	39972	20.280	ng/ul#	89
23) Isophorone	10.165	82	79955	20.749	ng/ul	99
25) 2-Nitrophenol	10.359	139	17430	21.824	ng/ul#	92
26) 2,4-Dimethylphenol	10.400	107	35439	19.869	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.635	93	39434	20.246	ng/ul	98
29) 2,4-Dichlorophenol	10.893	162	30628	20.751	ng/ul	99
30) Naphthalene	11.311	128	89184	19.977	ng/ul	99
32) 4-Chloroaniline	11.411	127	41544	21.096	ng/ul	95
33) Hexachlorobutadiene	11.593	225	23783	20.217	ng/ul	95
34) Caprolactam	12.157	113	11707	23.331	ng/ul	84
35) 4-Chloro-3-methylphenol	12.486	107	34197	20.167	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.885	142	67682	21.169	ng/ul	98
37) 1-Methylnaphthalene	13.103	142	63440	20.125	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.244	216	49618	21.482	ng/ul	94
40) Hexachlorocyclopentadiene	13.220	237	32332	19.535	ng/ul	94
41) 2,4,6-Trichlorophenol	13.473	196	31798	20.604	ng/ul	99
42) 2,4,5-Trichlorophenol	13.543	196	34844	20.793	ng/ul	93
43) 1,1'-Biphenyl	13.866	154	98590	20.580	ng/ul	97
44) 2-Chloronaphthalene	13.919	162	78510	19.808	ng/ul	92
45) 2-Nitroaniline	14.107	65	29405	21.373	ng/ul	96
47) Dimethylphthalate	14.466	163	107617	20.133	ng/ul	99
48) 2,6-Dinitrotoluene	14.589	165	22192	20.253	ng/ul	92
50) Acenaphthylene	14.760	152	122585	20.312	ng/ul	99
51) 3-Nitroaniline	14.918	138	23451	23.913	ng/ul#	84
52) Acenaphthene	15.094	153	82135	19.811	ng/ul	99
53) 2,4-Dinitrophenol	15.118	184	15080	21.483	ng/ul	93
55) 4-Nitrophenol	15.200	109	22693	21.633	ng/ul	98
56) Dibenzofuran	15.423	168	127062	20.189	ng/ul	94
57) 2,4-Dinitrotoluene	15.371	165	32867	20.922	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.641	232	34327	22.012	ng/ul	99
59) Diethylphthalate	15.811	149	108462	20.271	ng/ul	99
61) Fluorene	16.064	166	101289	20.100	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.046	204	59687	19.996	ng/ul	98
63) 4-Nitroaniline	16.070	138	23923	24.967	ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.128	198	22116	20.409	ng/ul#	99
67) N-Nitrosodiphenylamine	16.258	169	93176	19.916	ng/ul	98
68) 4-Bromophenyl-phenylether	16.939	248	41571	19.498	ng/ul	96
69) Hexachlorobenzene	17.069	284	45342	19.795	ng/ul	94
70) Atrazine	17.186	200	43222	21.271	ng/ul	93
71) Pentachlorophenol	17.403	266	26649	20.489	ng/ul	98
72) Phenanthrene	17.809	178	179807	19.730	ng/ul	99
74) Anthracene	17.897	178	183282	19.901	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.843	216	49029	19.049	ng/uL	97
76) Pentachlorobenzene	15.341	250	49909	19.119	ng/uL	98
77) Carbazole	18.156	167	159324	20.676	ng/ul	100
78) Di-n-butylphthalate	18.684	149	178673	20.118	ng/ul	100
80) Fluoranthene	19.789	202	220115	19.121	ng/ul	99
82) Pyrene	20.147	202	222356	19.606	ng/ul	98
83) Butylbenzylphthalate	21.005	149	73701	20.485	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.951	252	81952	23.231	ng/ul	97
85) Benzo(a)anthracene	22.051	228	207809	20.293	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.916	149	102064	20.194	ng/ul	98
87) Chrysene	22.127	228	192915	20.227	ng/ul	100
89) Di-n-octyl phthalate	23.232	149	168611	20.789	ng/ul	100
90) Benzo(b)fluoranthene	24.478	252	202565	20.283	ng/ul	99
91) Benzo(k)fluoranthene	24.548	252	198032	20.358	ng/ul	99
93) Benzo(a)pyrene	25.447	252	175081	19.944	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.677	276	107749	9.035	ng/ul	98
95) Dibenzo(a,h)anthracene	29.754	278	198951	19.953	ng/ul	92
96) Benzo(g,h,i)perylene	30.964	276	113280	11.892	ng/ul	96

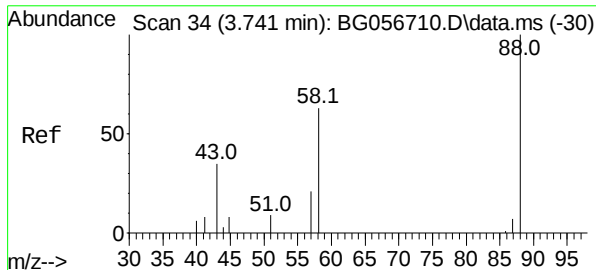
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

BNA_G

ClientSampleId :

SICV420



1,4-Dioxane

Concen: 8.642 ng/uL

RT: 3.737 min Scan#

Delta R.T. -0.004 min

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BNA_G

ClientSampleId :

SICV420

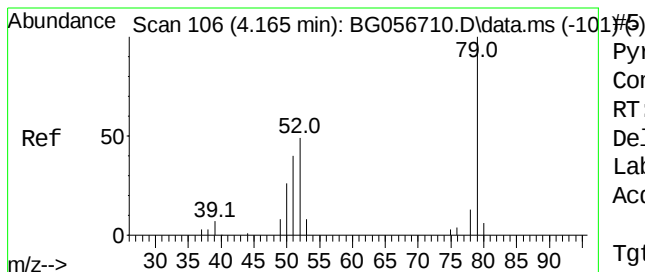
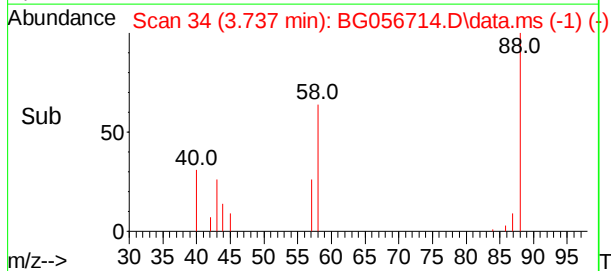
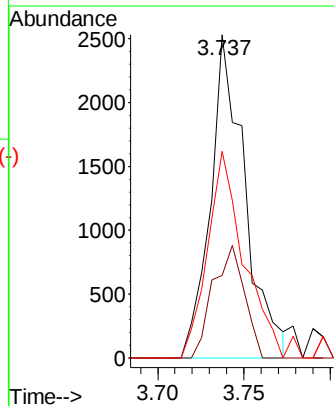
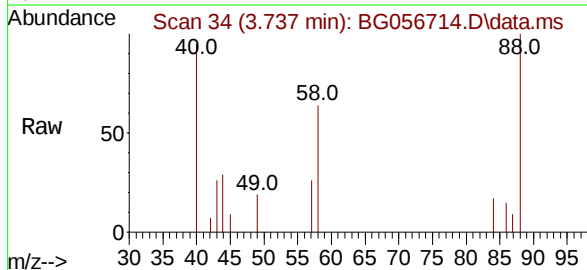
Tgt Ion: 88 Resp: 3515

Ion Ratio Lower Upper

88 100

43 25.6 28.3 42.5#

58 64.0 50.6 75.8



Pyridine

Concen: 19.207 ng/uL

RT: 4.160 min Scan# 106

Delta R.T. -0.004 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

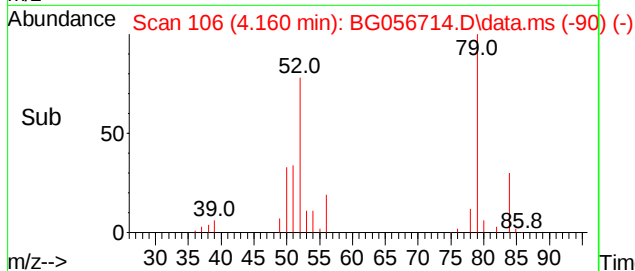
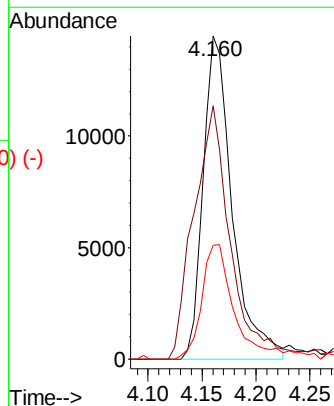
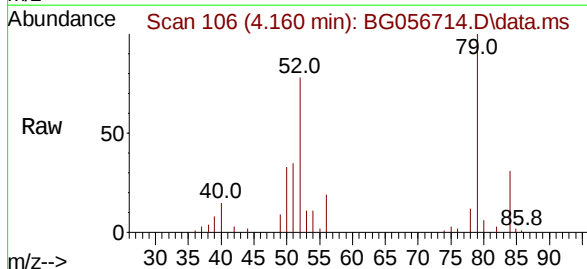
Tgt Ion: 79 Resp: 27084

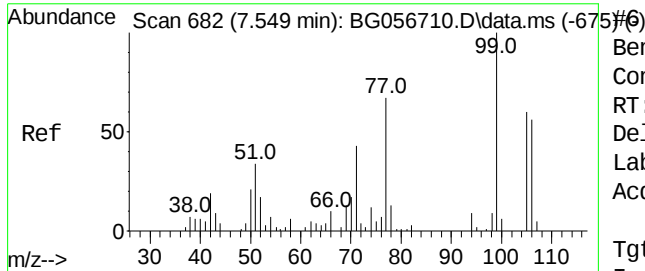
Ion Ratio Lower Upper

79 100

52 78.4 60.6 91.0

51 35.3 31.9 47.9

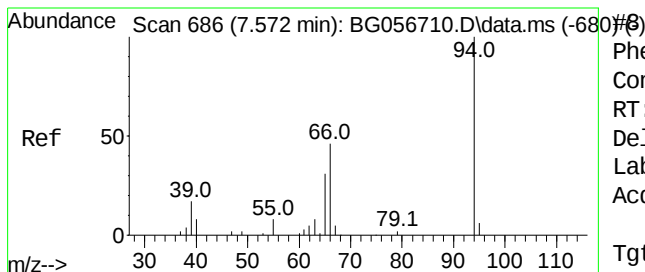
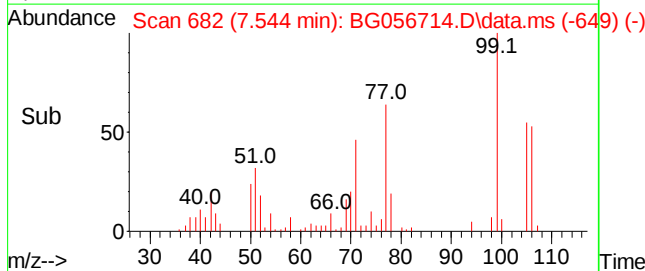
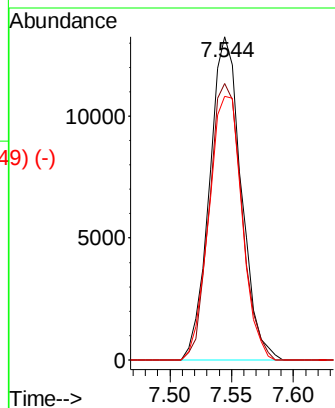
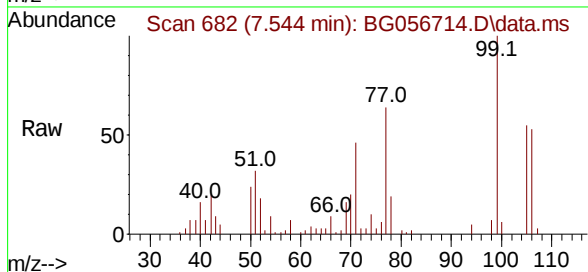




Benzaldehyde
 Concen: 24.784 ng/ul
 RT: 7.544 min Scan# 682
 Delta R.T. -0.004 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

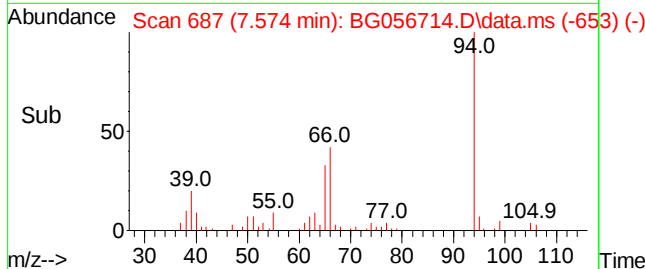
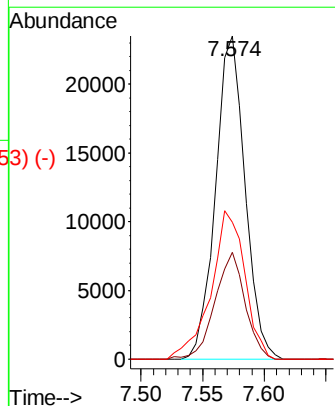
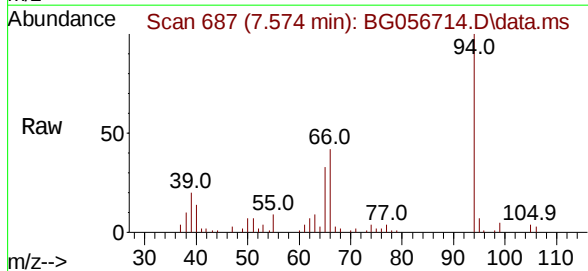
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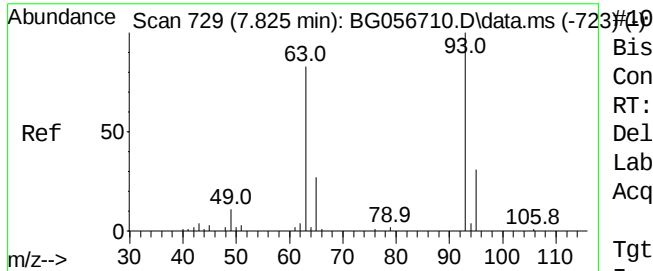
Tgt Ion:	77	Resp:	23777
Ion	Ratio	Lower	Upper
77	100		
105	85.6	72.2	108.4
106	81.7	67.4	101.2



Phenol
 Concen: 20.982 ng/ul
 RT: 7.574 min Scan# 687
 Delta R.T. 0.002 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

Tgt Ion:	94	Resp:	39191
Ion	Ratio	Lower	Upper
94	100		
65	33.0	25.7	38.5
66	42.3	38.9	58.3

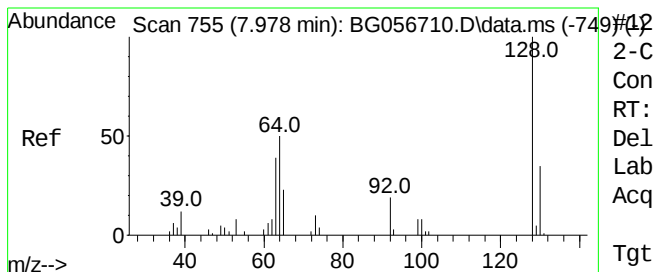
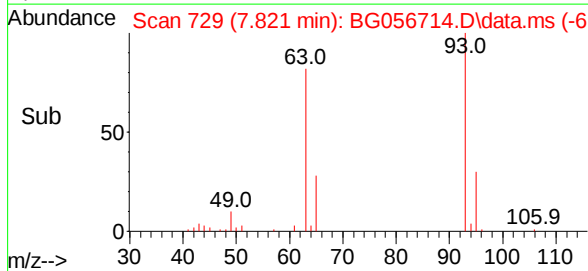
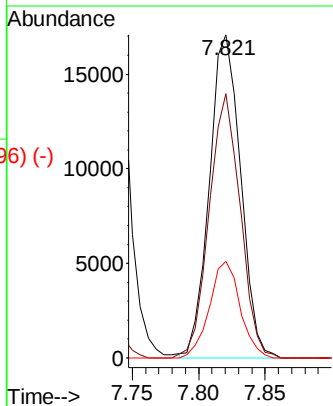
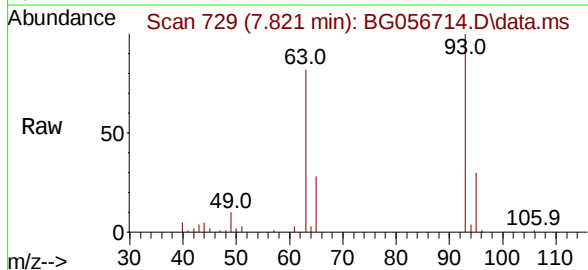




Bis(2-Chloroethyl)ether
 Concen: 21.025 ng/ul
 RT: 7.821 min Scan#
 Delta R.T. -0.004 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

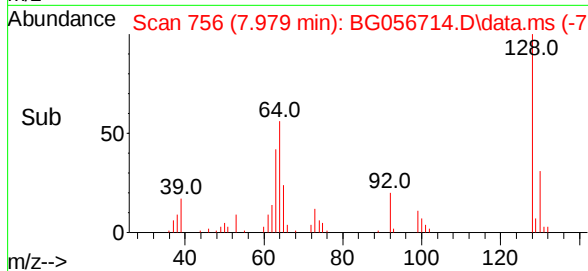
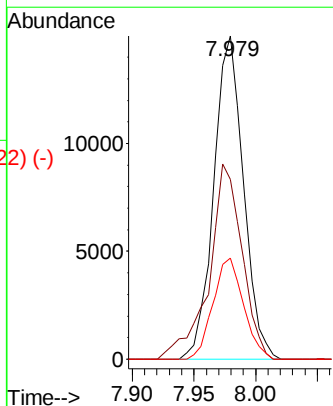
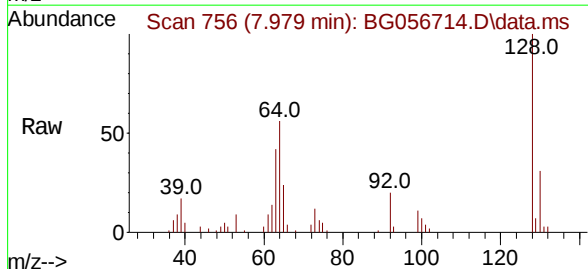
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Tgt Ion:	93	Resp:	27902
Ion	Ratio	Lower	Upper
93	100		
63	81.7	66.6	100.0
95	29.8	25.0	37.4



2-Chlorophenol
 Concen: 20.809 ng/ul
 RT: 7.979 min Scan# 756
 Delta R.T. 0.002 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

Tgt Ion:	128	Resp:	25059
Ion	Ratio	Lower	Upper
128	100		
64	55.6	45.5	68.3
130	31.4	27.7	41.5



Abundance Scan 904 (8.853 min): BG056710.D\data.ms (-897) #13

2-Methylphenol

Concen: 19.964 ng/ul

RT: 8.849 min Scan# 904

Delta R.T. -0.004 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

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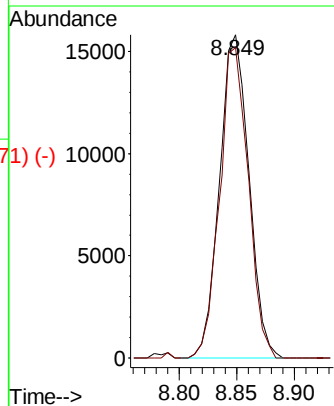
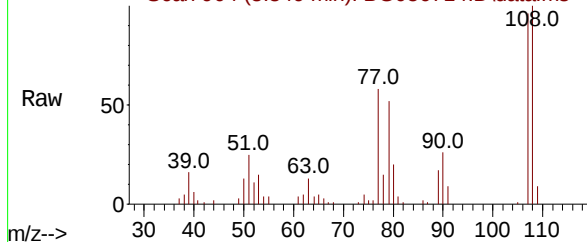
Tgt Ion:108 Resp: 28127

Ion Ratio Lower Upper

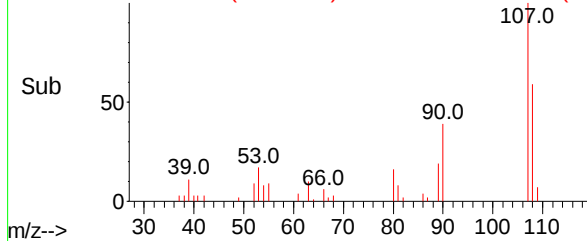
108 100

107 96.0 73.4 110.0

Abundance Scan 904 (8.849 min): BG056714.D\data.ms



Abundance Scan 904 (8.849 min): BG056714.D\data.ms (-871) (-)



Abundance Scan 920 (8.947 min): BG056710.D\data.ms (-912) #14

2,2'-oxybis(1-Chloropropane)

Concen: 20.856 ng/ul

RT: 8.943 min Scan# 920

Delta R.T. -0.004 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Tgt Ion: 45 Resp: 37192

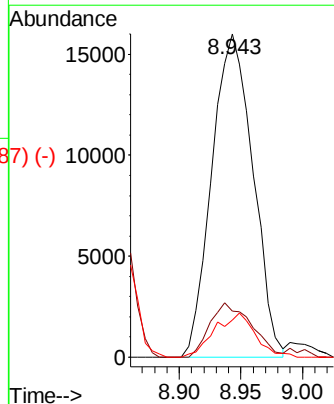
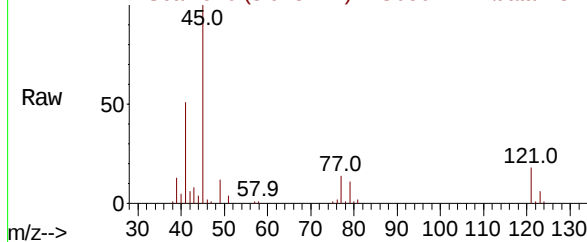
Ion Ratio Lower Upper

45 100

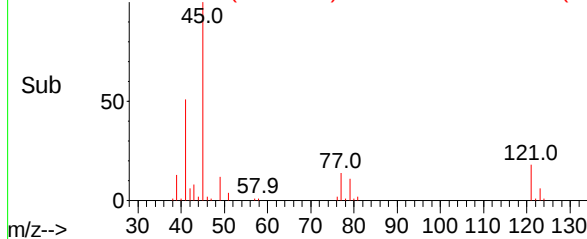
77 14.2 12.4 18.6

79 11.4 9.8 14.6

Abundance Scan 920 (8.943 min): BG056714.D\data.ms



Abundance Scan 920 (8.943 min): BG056714.D\data.ms (-887) (-)



Abundance Scan 972 (9.253 min): BG056710.D\data.ms (-965) #16

Acetophenone

Concen: 21.597 ng/ul

RT: 9.248 min Scan# 968

Delta R.T. -0.004 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:105 Resp: 51746

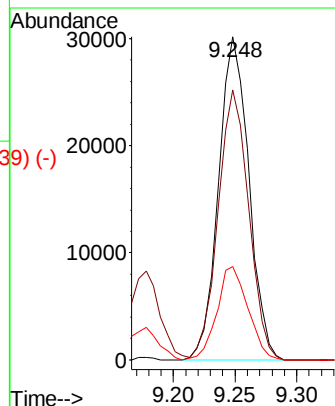
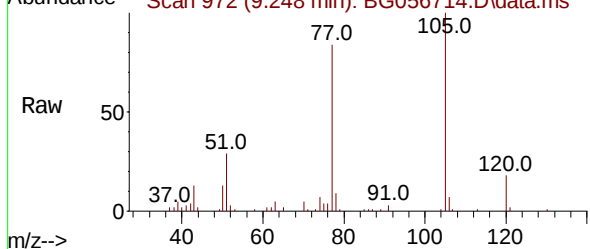
Ion Ratio Lower Upper

105 100

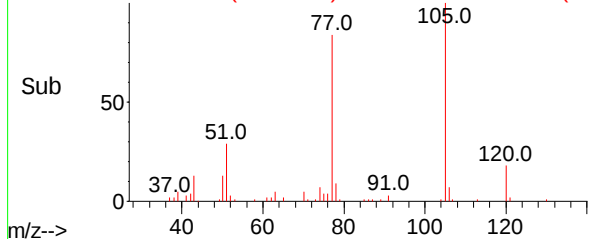
77 83.7 71.4 107.0

51 28.9 23.6 35.4

Abundance Scan 972 (9.248 min): BG056714.D\data.ms



Abundance Scan 972 (9.248 min): BG056714.D\data.ms (-939) (-)



Abundance Scan 967 (9.223 min): BG056710.D\data.ms (-961) #17

N-Nitroso-di-n-propylamine

Concen: 21.790 ng/ul

RT: 9.225 min Scan# 968

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Tgt Ion: 70 Resp: 29957

Ion Ratio Lower Upper

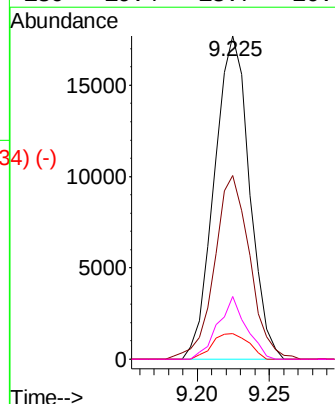
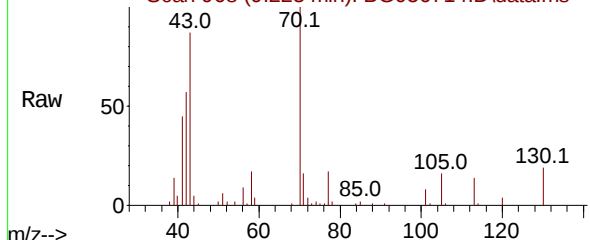
70 100

42 56.9 46.6 70.0

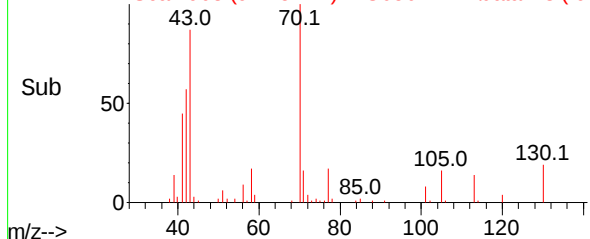
101 8.0 7.3 10.9

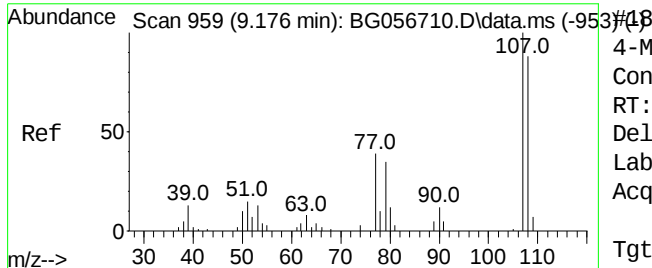
130 19.4 13.7 20.5

Abundance Scan 968 (9.225 min): BG056714.D\data.ms



Abundance Scan 968 (9.225 min): BG056714.D\data.ms (-934) (-)





4-Methylphenol

Concen: 19.959 ng/ul

RT: 9.178 min Scan# 1018

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

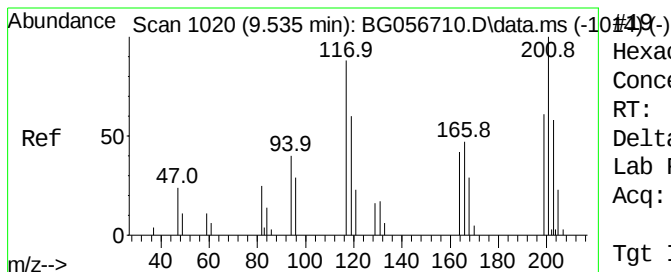
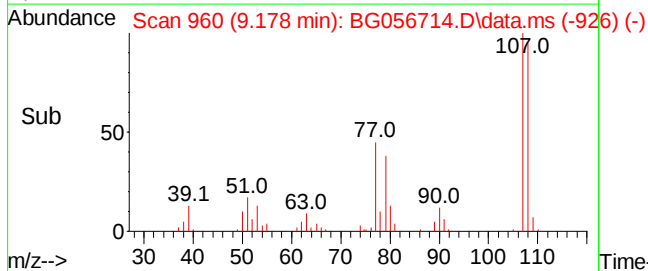
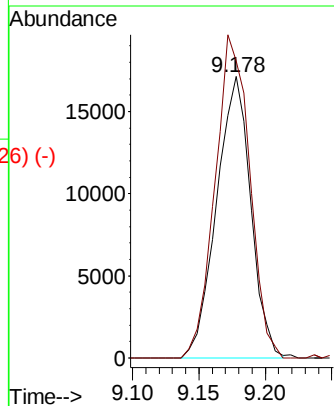
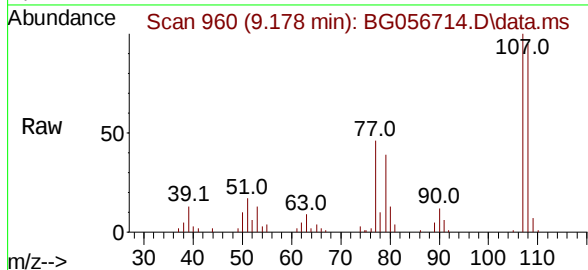
SICV420

Tgt Ion:108 Resp: 30555

Ion Ratio Lower Upper

108 100

107 105.6 92.1 138.1



Hexachloroethane

Concen: 21.244 ng/ul

RT: 9.524 min Scan# 1019

Delta R.T. -0.010 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

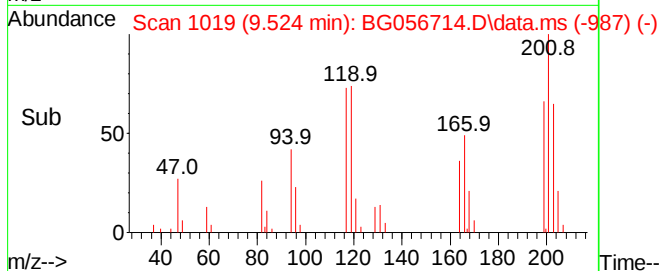
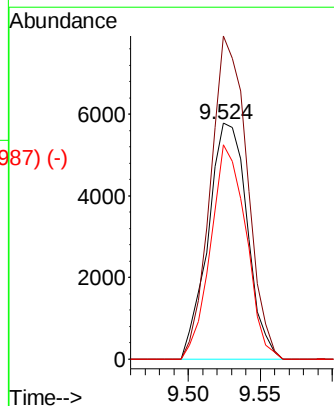
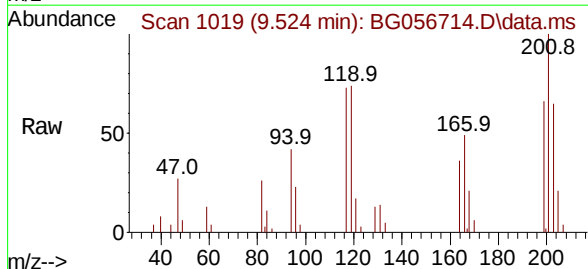
Tgt Ion:117 Resp: 10879

Ion Ratio Lower Upper

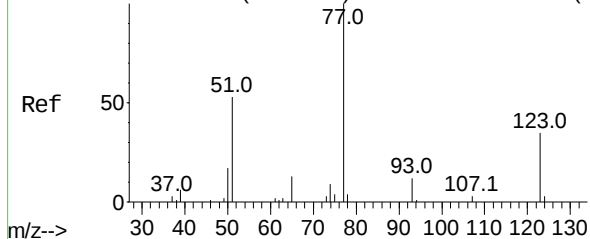
117 100

201 136.9 95.2 142.8

199 93.5 57.9 86.9#



Abundance Scan 1038 (9.640 min): BG056710.D\data.ms (-1032)



Nitrobenzene

Concen: 20.280 ng/ul

RT: 9.642 min Scan# 1122

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

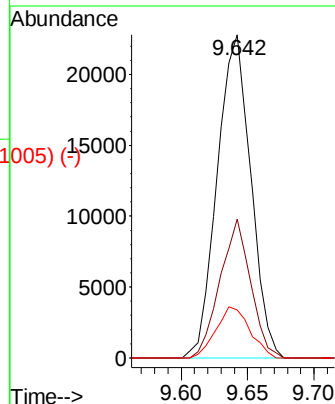
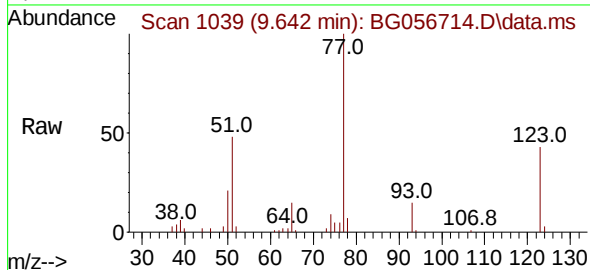
Tgt Ion: 77 Resp: 39972

Ion Ratio Lower Upper

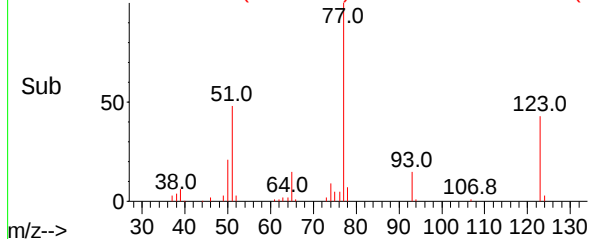
77 100

123 42.9 27.8 41.6#

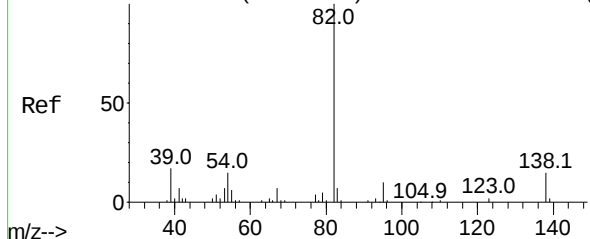
65 14.8 10.6 16.0



Abundance Scan 1039 (9.642 min): BG056714.D\data.ms (-1005) (-)



Abundance Scan 1127 (10.163 min): BG056710.D\data.ms (-1123) (-)



Isophorone

Concen: 20.749 ng/ul

RT: 10.165 min Scan# 1128

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

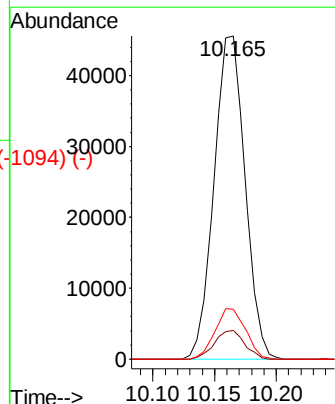
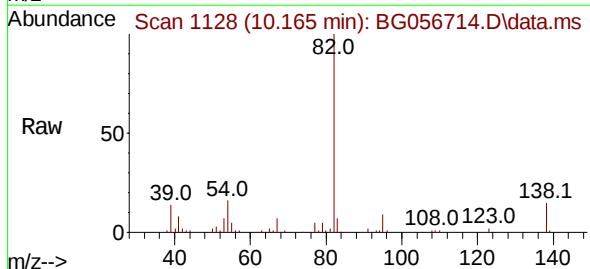
Tgt Ion: 82 Resp: 79955

Ion Ratio Lower Upper

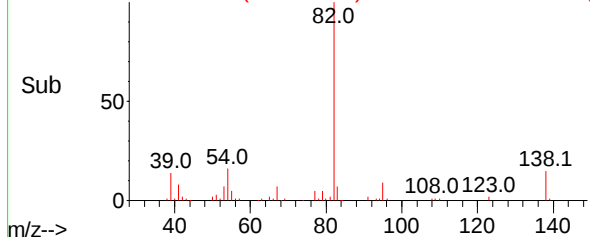
82 100

95 8.8 7.7 11.5

138 15.4 12.1 18.1



Abundance Scan 1128 (10.165 min): BG056714.D\data.ms (-1094) (-)



Abundance Scan 1161 (10.363 min): BG056710.D\data.ms (-1125) (-)

2-Nitrophenol

Concen: 21.824 ng/ul

RT: 10.359 min Scan# 1161

Delta R.T. -0.004 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

Tgt Ion:139 Resp: 17430

Ion Ratio Lower Upper

139 100

65 59.1 49.4 74.2

109 48.9 31.6 47.4#

Abundance Scan 1161 (10.359 min): BG056714.D\data.ms

m/z-->

Ref

50

39.0 63.0 81.0 109.0 139.0

0

40 60 80 100 120 140

Raw

50

39.0 65.0 81.0 109.0 139.0

0

40 60 80 100 120 140

Sub

50

38.0 63.0 81.0 109.0 139.0

0

40 60 80 100 120 140

m/z-->

Abundance

8000

6000

4000

2000

0

10.30 10.35 10.40

Time-->

Abundance Scan 1167 (10.398 min): BG056710.D\data.ms (-1126) (-)

2,4-Dimethylphenol

Concen: 19.869 ng/ul

RT: 10.400 min Scan# 1168

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Tgt Ion:107 Resp: 35439

Ion Ratio Lower Upper

107 100

121 45.1 40.2 60.4

122 78.3 63.1 94.7

Abundance Scan 1168 (10.400 min): BG056714.D\data.ms

m/z-->

Ref

50

51.0 77.0 91.0 107.0 122.0

0

30 40 50 60 70 80 90 100 110 120

Raw

50

38.1 51.0 64.0 77.0 91.0 107.0 122.0

0

30 40 50 60 70 80 90 100 110 120

Sub

50

38.1 51.0 64.0 77.0 91.0 107.0 122.0

0

30 40 50 60 70 80 90 100 110 120

m/z-->

Abundance

20000

15000

10000

5000

0

10.35 10.40 10.45

Time-->

Abundance Scan 1168 (10.400 min): BG056714.D\data.ms (-1134) (-)

m/z-->

Ref

50

51.0 77.0 91.0 107.0 122.0

0

30 40 50 60 70 80 90 100 110 120

Raw

50

38.1 51.0 64.0 77.0 91.0 107.0 122.0

0

30 40 50 60 70 80 90 100 110 120

Sub

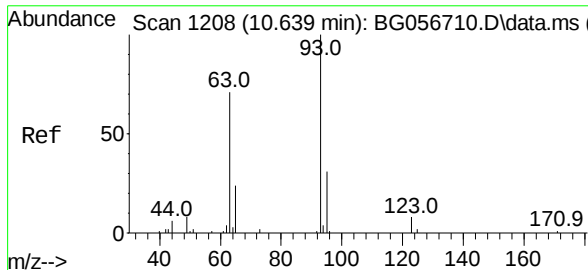
50

38.1 51.0 64.0 77.0 91.0 107.0 122.0

0

30 40 50 60 70 80 90 100 110 120

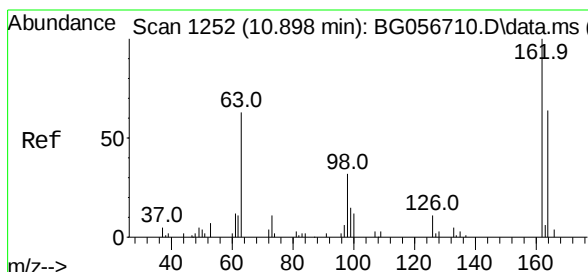
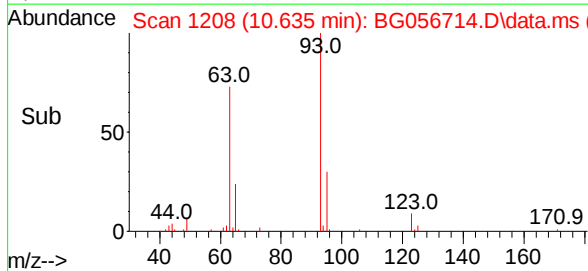
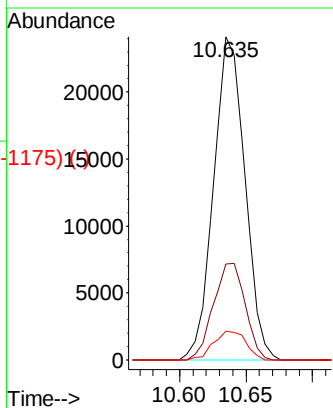
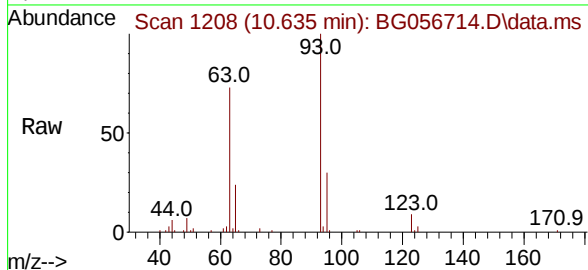
m/z-->



Bis(2-Chloroethoxy)methane
 Concen: 20.246 ng/ul
 RT: 10.635 min Scan# 1208
 Delta R.T. -0.004 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

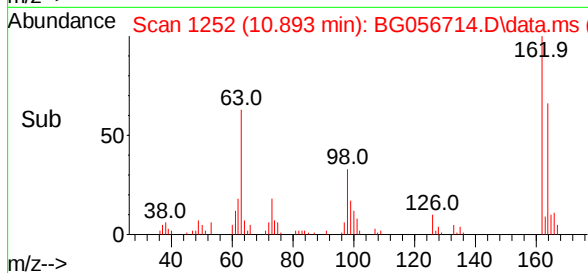
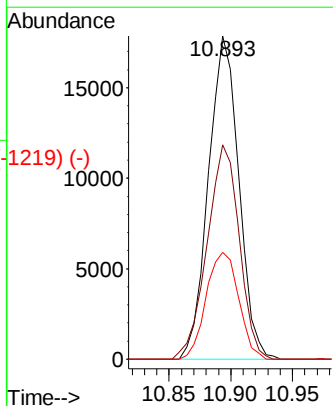
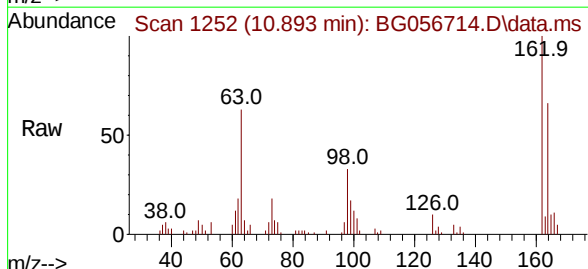
Instrument :
 BNA_G
 ClientSampleId :
 SICV420

Tgt Ion:	93	Resp:	39434
Ion	Ratio	Lower	Upper
93	100		
95	29.7	24.6	37.0
123	8.9	6.6	10.0



2,4-Dichlorophenol
 Concen: 20.751 ng/ul
 RT: 10.893 min Scan# 1252
 Delta R.T. -0.004 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

Tgt Ion:	162	Resp:	30628
Ion	Ratio	Lower	Upper
162	100		
164	66.4	53.3	79.9
98	33.1	25.5	38.3



Abundance Scan 1323 (11.315 min): BG056710.D\data.ms (-1290) (-)

Naphthalene

Concen: 19.977 ng/uI

RT: 11.311 min Scan# 1323

Delta R.T. -0.004 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

Tgt Ion:128 Resp: 89184

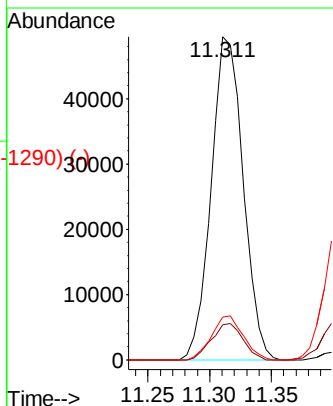
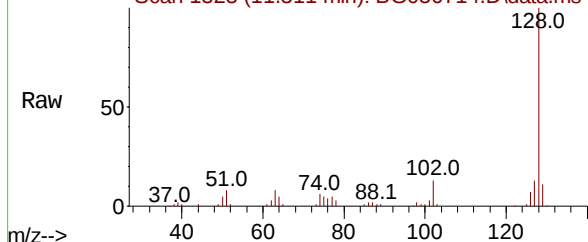
Ion Ratio Lower Upper

128 100

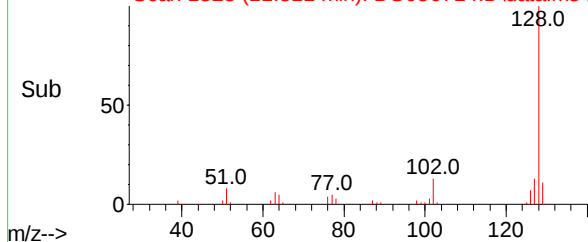
129 10.9 8.6 12.8

127 13.2 9.8 14.8

Abundance Scan 1323 (11.311 min): BG056714.D\data.ms



Abundance Scan 1323 (11.311 min): BG056714.D\data.ms (-1290) (-)



Abundance Scan 1339 (11.409 min): BG056710.D\data.ms (-1332) (-)

4-Chloroaniline

Concen: 21.096 ng/uI

RT: 11.411 min Scan# 1340

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

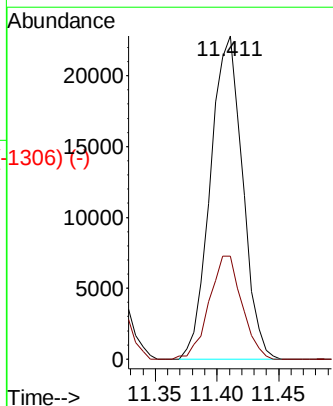
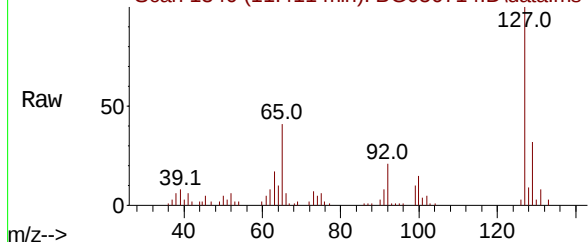
Tgt Ion:127 Resp: 41544

Ion Ratio Lower Upper

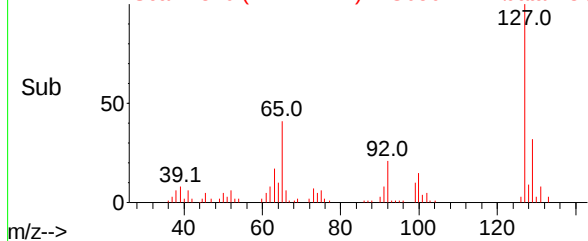
127 100

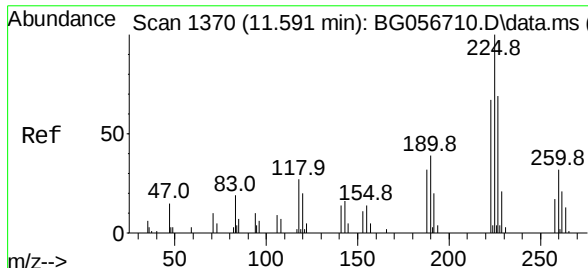
129 31.9 23.4 35.0

Abundance Scan 1340 (11.411 min): BG056714.D\data.ms



Abundance Scan 1340 (11.411 min): BG056714.D\data.ms (-1306) (-)

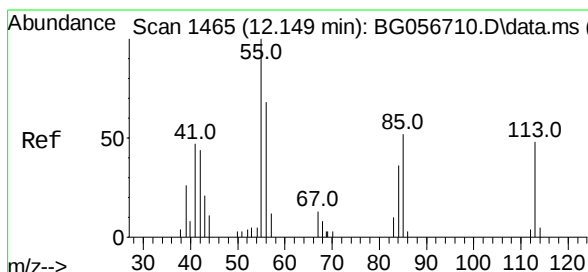
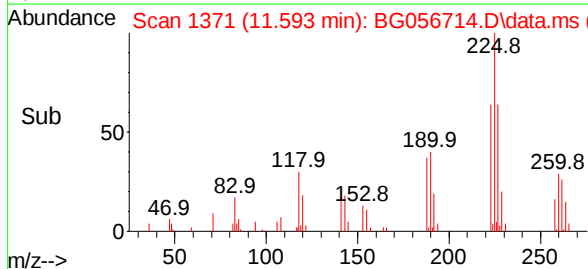
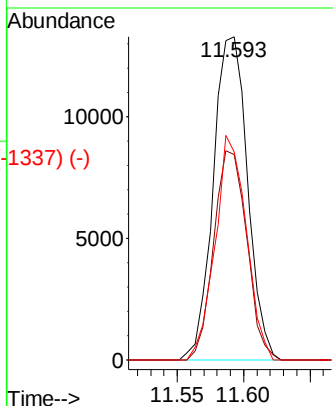
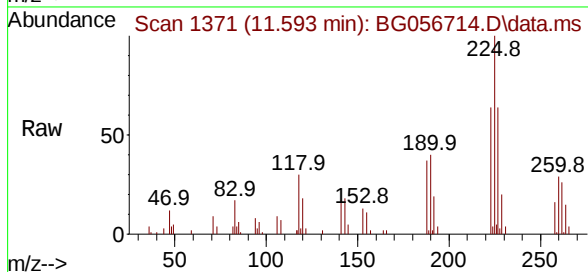




Scan 1370 (11.591 min): BG056710.D\data.ms (-1334) (-)
 Hexachlorobutadiene
 Concen: 20.217 ng/ul
 RT: 11.593 min Scan# 1370
 Delta R.T. 0.002 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

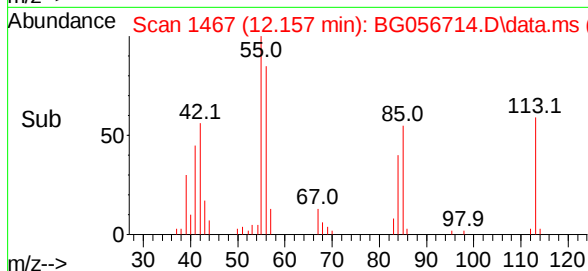
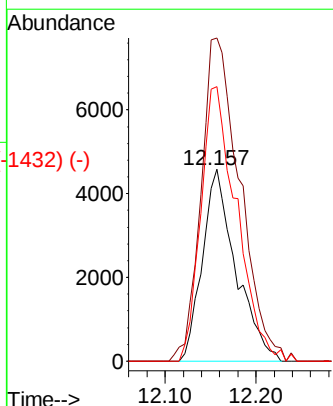
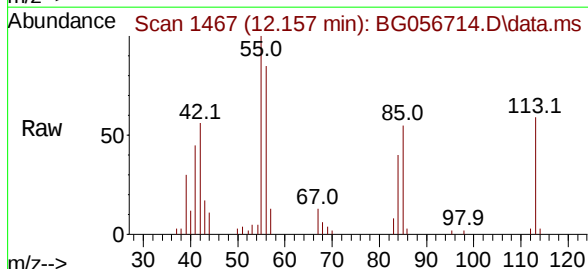
Instrument :
 BNA_G
 ClientSampleId :
 SICV420

Tgt Ion:	225	Resp:	23783
Ion	Ratio	Lower	Upper
225	100		
223	63.6	53.5	80.3
227	67.3	58.2	87.2



Scan 1465 (12.149 min): BG056710.D\data.ms (-1434) (-)
 Caprolactam
 Concen: 23.331 ng/ul
 RT: 12.157 min Scan# 1467
 Delta R.T. 0.007 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

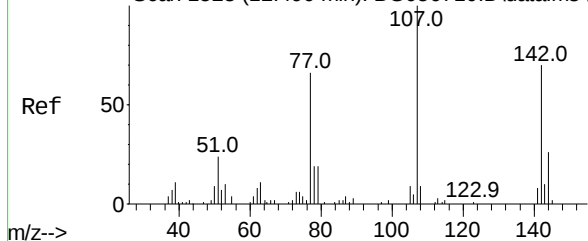
Tgt Ion:	113	Resp:	11707
Ion	Ratio	Lower	Upper
113	100		
55	168.5	167.0	250.6
56	143.0	113.5	170.3



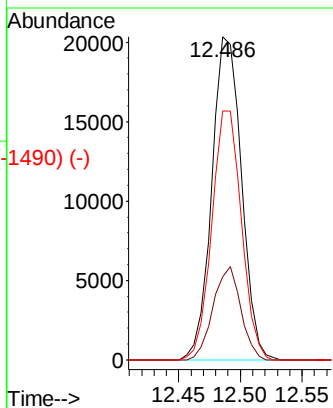
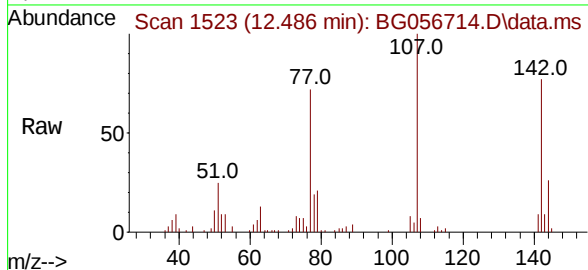
Abundance Scan 1523 (12.490 min): BG056710.D\data.ms (-1535) (-)

4-Chloro-3-methylphenol
Concen: 20.167 ng/ul
RT: 12.486 min Scan# 1523
Delta R.T. -0.004 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

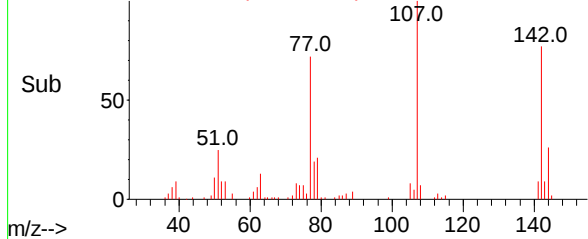
Instrument :
BNA_G
ClientSampleId :
SICV420



Tgt Ion:	107	Resp:	34197
Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	77.0	55.8	83.6



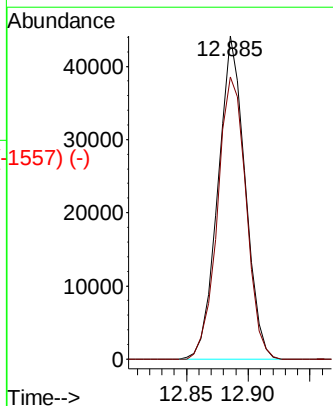
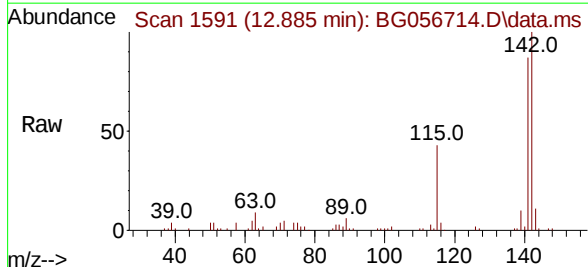
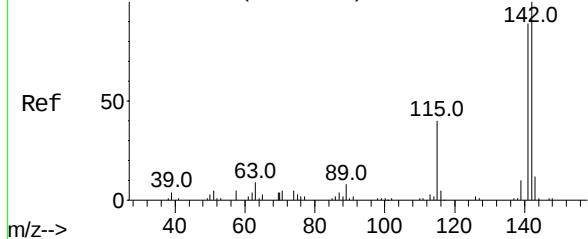
Abundance Scan 1523 (12.486 min): BG056714.D\data.ms (-1490) (-)



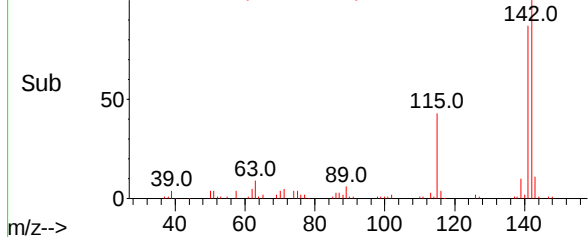
Abundance Scan 1590 (12.884 min): BG056710.D\data.ms (-1534) (-)

2-Methylnaphthalene
Concen: 21.169 ng/ul
RT: 12.885 min Scan# 1591
Delta R.T. 0.002 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

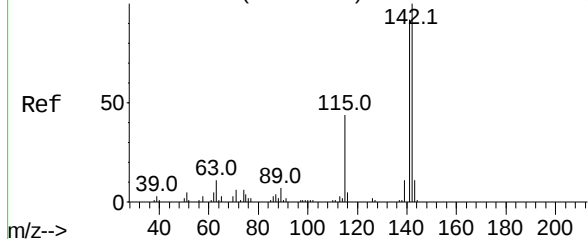
Tgt Ion:	142	Resp:	67682
Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.0	106.6



Abundance Scan 1591 (12.885 min): BG056714.D\data.ms (-1557) (-)



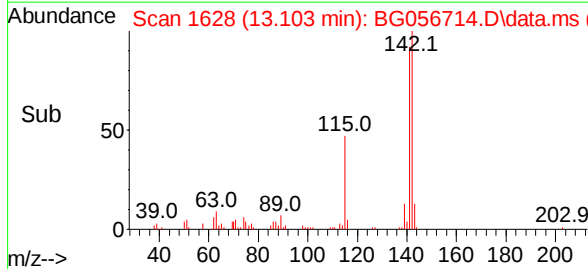
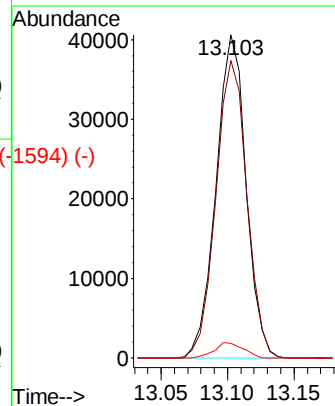
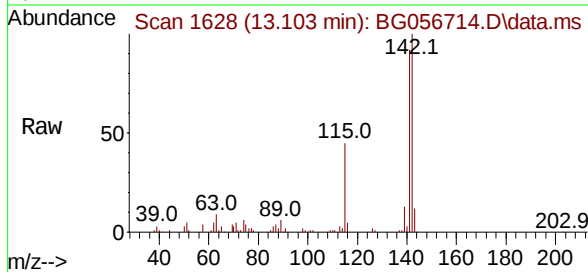
Abundance Scan 1627 (13.101 min): BG056710.D\data.ms (-1627) (-)



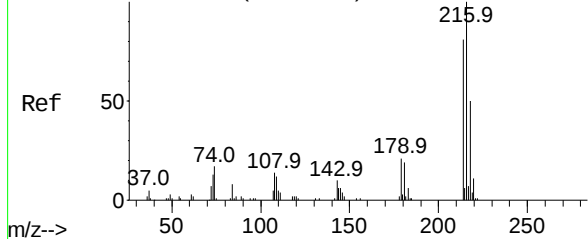
1-Methylnaphthalene
Concen: 20.125 ng/ul
RT: 13.103 min Scan# 1627
Delta R.T. 0.002 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

Instrument :
BNA_G
ClientSampleId :
SICV420

Tgt Ion:	142	Resp:	63440
Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3
116	4.6	4.0	6.0

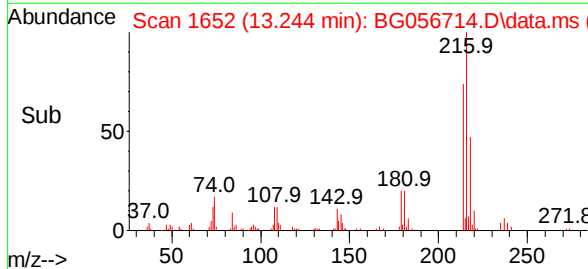
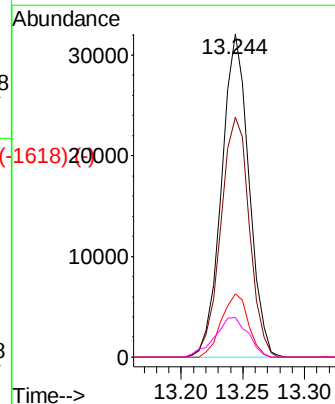
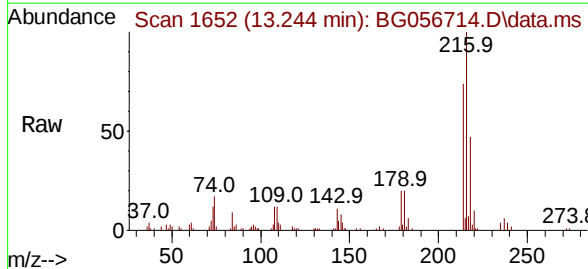


Abundance Scan 1651 (13.242 min): BG056710.D\data.ms (-1629) (-)



1,2,4,5-Tetrachlorobenzene
Concen: 21.482 ng/ul
RT: 13.244 min Scan# 1652
Delta R.T. 0.002 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

Tgt Ion:	216	Resp:	49618
Ion	Ratio	Lower	Upper
216	100		
214	74.3	64.4	96.6
179	19.5	16.9	25.3
108	12.2	11.6	17.4



Abundance Scan 1648 (13.224 min): BG056710.D\data.ms (-1648) (-)

Hexachlorocyclopentadiene

Concen: 19.535 ng/u1

RT: 13.220 min Scan# 1648

Delta R.T. -0.004 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

Tgt Ion:237 Resp: 32332

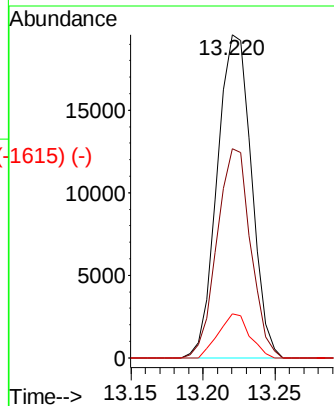
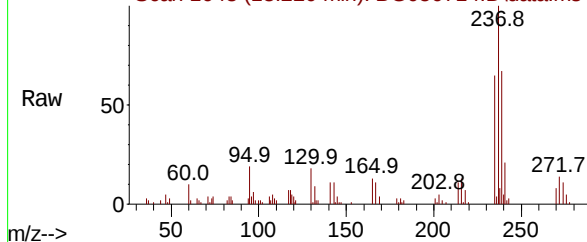
Ion Ratio Lower Upper

237 100

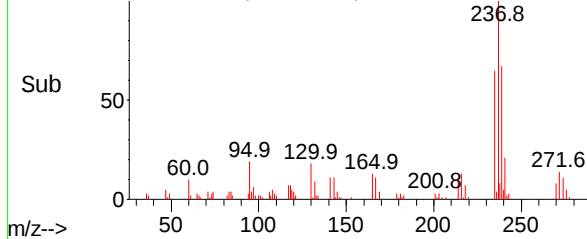
235 64.8 47.8 71.8

272 13.7 9.9 14.9

Abundance Scan 1648 (13.220 min): BG056714.D\data.ms



Abundance Scan 1648 (13.220 min): BG056714.D\data.ms (-1615) (-)



Abundance Scan 1690 (13.471 min): BG056710.D\data.ms (-1691) (-)

2,4,6-Trichlorophenol

Concen: 20.604 ng/u1

RT: 13.473 min Scan# 1691

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Tgt Ion:196 Resp: 31798

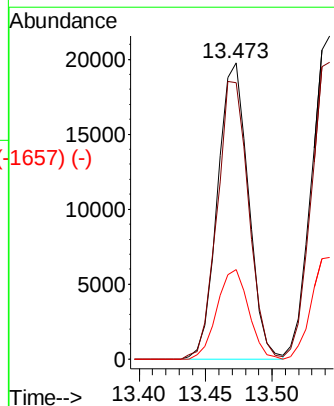
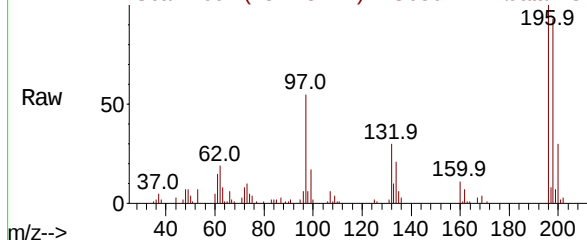
Ion Ratio Lower Upper

196 100

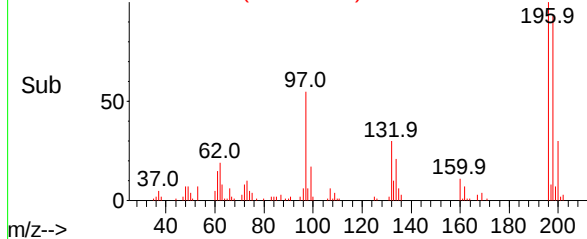
198 93.4 75.0 112.6

200 30.1 22.1 33.1

Abundance Scan 1691 (13.473 min): BG056714.D\data.ms



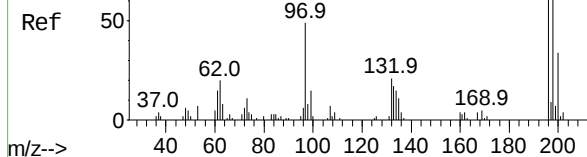
Abundance Scan 1691 (13.473 min): BG056714.D\data.ms (-1657) (-)



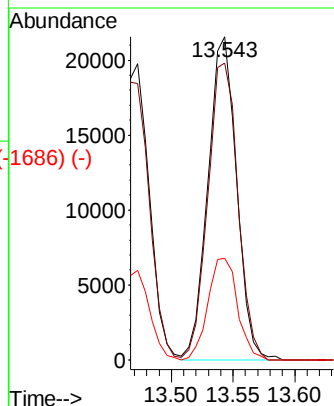
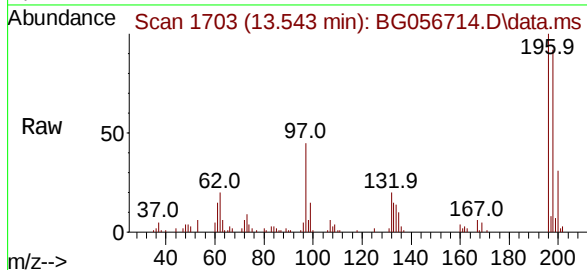
Abundance Scan 1702 (13.542 min): BG056710.D\data.ms (-1692) (-)

2,4,5-Trichlorophenol
Concen: 20.793 ng/ul
RT: 13.543 min Scan# 1702
Delta R.T. 0.002 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

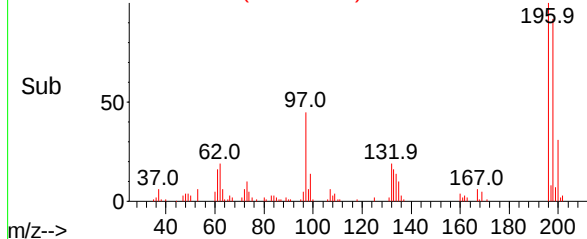
Instrument :
BNA_G
ClientSampleId :
SICV420



Tgt Ion:	196	Resp:	34844
Ion	Ratio	Lower	Upper
196	100		
198	91.8	80.1	120.1
200	31.4	26.7	40.1



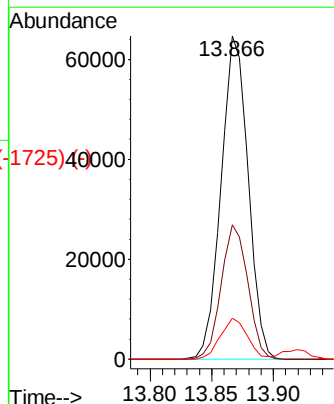
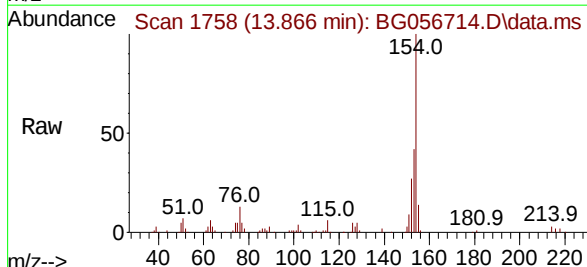
Abundance Scan 1703 (13.543 min): BG056714.D\data.ms (-1686) (-)



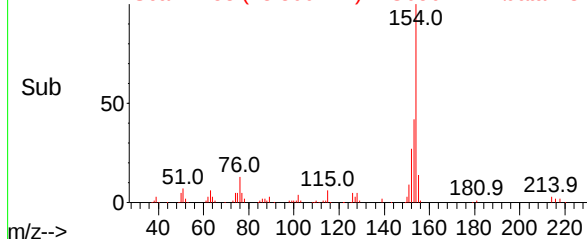
Abundance Scan 1758 (13.871 min): BG056710.D\data.ms (-1740) (-)

1,1'-Biphenyl
Concen: 20.580 ng/ul
RT: 13.866 min Scan# 1758
Delta R.T. -0.004 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

Tgt Ion:	154	Resp:	98590
Ion	Ratio	Lower	Upper
154	100		
153	41.6	32.0	48.0
76	12.7	9.0	13.4



Abundance Scan 1758 (13.866 min): BG056714.D\data.ms (-1725) (-)



Abundance Scan 1766 (13.918 min): BG056710.D\data.ms (-1766) (-)

2-Chloronaphthalene

Concen: 19.808 ng/ul

RT: 13.919 min Scan# 1766

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

Tgt Ion:162 Resp: 78510

Ion Ratio Lower Upper

162 100

164 34.1 23.3 34.9

127 35.8 25.8 38.8

Abundance Scan 1767 (13.919 min): BG056714.D\data.ms

Ref 50

162.0

127.0

99.0

75.0

50.0

m/z-->

Abundance Scan 1767 (13.919 min): BG056714.D\data.ms (-1733) (-)

Ref 50

162.0

127.0

101.0

75.0

50.0

m/z-->

Abundance

50000

40000

30000

20000

10000

0

13.85 13.90 13.95

Time-->

Abundance Scan 1798 (14.106 min): BG056710.D\data.ms (-1798) (-)

2-Nitroaniline

Concen: 21.373 ng/ul

RT: 14.107 min Scan# 1799

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Tgt Ion: 65 Resp: 29405

Ion Ratio Lower Upper

65 100

92 59.2 53.9 80.9

138 92.5 73.8 110.6

Abundance Scan 1799 (14.107 min): BG056714.D\data.ms

Ref 50

138.0

92.0

108.0

65.0

39.0

m/z-->

Abundance Scan 1799 (14.107 min): BG056714.D\data.ms (-1765) (-)

Ref 50

138.0

92.0

108.0

65.0

39.0

m/z-->

Abundance

15000

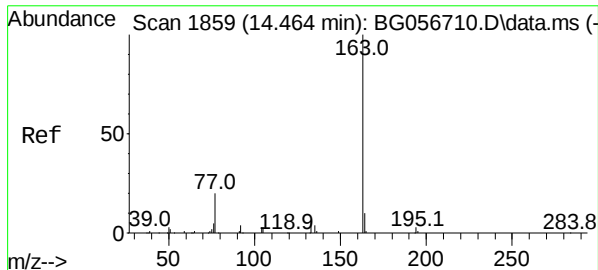
10000

5000

0

14.05 14.10 14.15

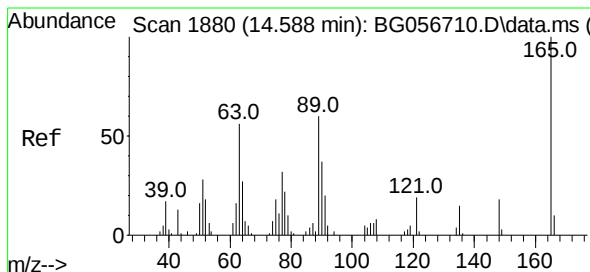
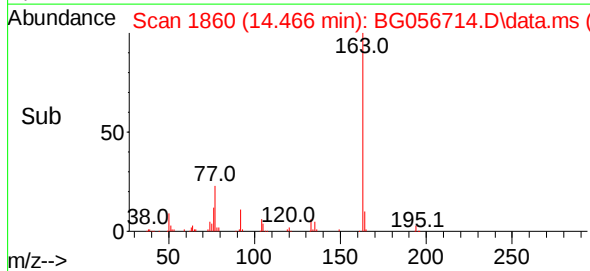
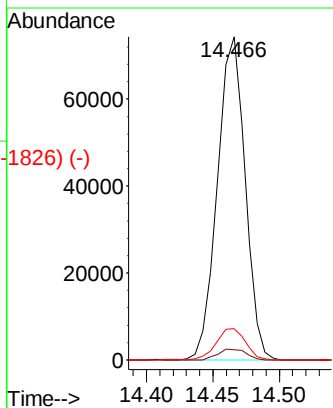
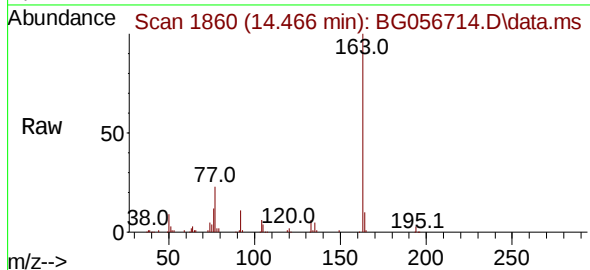
Time-->



Dimethylphthalate
Concen: 20.133 ng/ul
RT: 14.466 min Scan# 1860
Delta R.T. 0.002 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

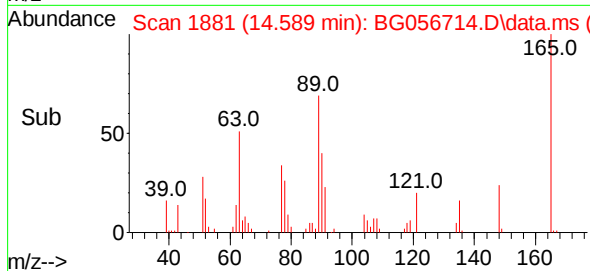
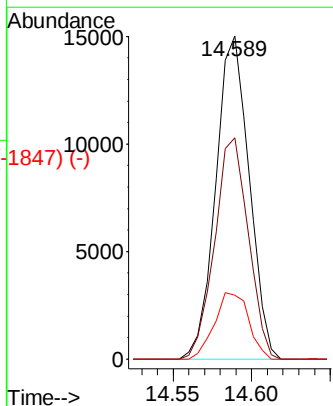
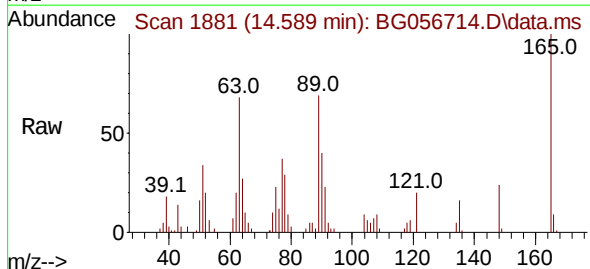
Instrument :
BNA_G
ClientSampleId :
SICV420

Tgt Ion:	163	Resp:	107617
Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.5	3.7
164	9.7	8.2	12.4



2,6-Dinitrotoluene
Concen: 20.253 ng/ul
RT: 14.589 min Scan# 1881
Delta R.T. 0.002 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

Tgt Ion:	165	Resp:	22192
Ion	Ratio	Lower	Upper
165	100		
89	68.6	48.4	72.6
121	19.7	15.5	23.3



Abundance Scan 1909 (14.758 min): BG056710.D\data.ms (-1950) (-)

Acenaphthylene

Concen: 20.312 ng/ul

RT: 14.760 min Scan# 1909

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

Tgt Ion:152 Resp: 122585

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 12.6 10.6 16.0

Abundance Scan 1910 (14.760 min): BG056714.D\data.ms

Ref 50

152.0

51.0 76.0 98.0 126.0

m/z-->

Abundance Scan 1910 (14.760 min): BG056714.D\data.ms (-1876) (-)

Raw 50

152.0

51.0 76.0 98.0 126.0

m/z-->

Abundance Scan 1910 (14.760 min): BG056714.D\data.ms (-1876) (-)

Sub 50

152.0

51.0 76.0 98.0 126.0

m/z-->

Abundance

14.760

60000

40000

20000

0

Time-->

14.70 14.75 14.80

Abundance Scan 1936 (14.917 min): BG056710.D\data.ms (-1950) (-)

3-Nitroaniline

Concen: 23.913 ng/ul

RT: 14.918 min Scan# 1937

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Tgt Ion:138 Resp: 23451

Ion Ratio Lower Upper

138 100

108 9.8 6.5 9.7#

92 146.8 102.2 153.2

Abundance Scan 1937 (14.918 min): BG056714.D\data.ms

Ref 50

65.0 92.0

39.0 108.0 138.0

m/z-->

Abundance Scan 1937 (14.918 min): BG056714.D\data.ms

Raw 50

65.0 92.0

39.0 108.0 138.0

m/z-->

Abundance Scan 1937 (14.918 min): BG056714.D\data.ms (-1903) (-)

Sub 50

65.0 92.0

39.0 108.0 138.0

m/z-->

Abundance

14.918

20000

15000

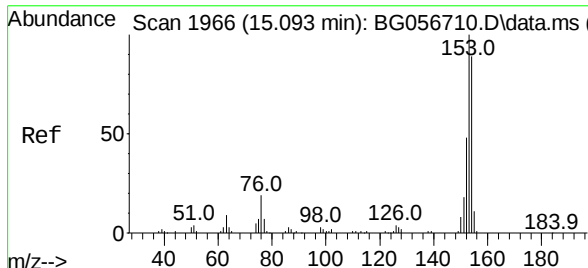
10000

5000

0

Time-->

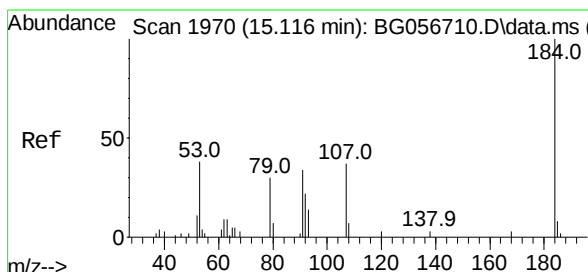
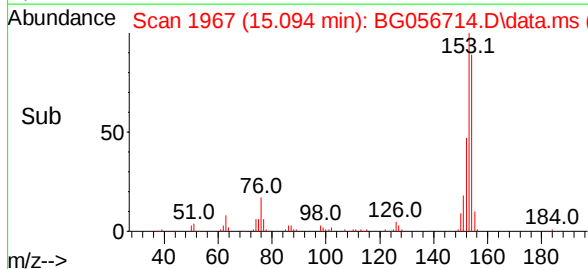
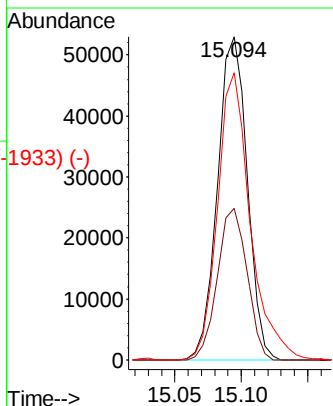
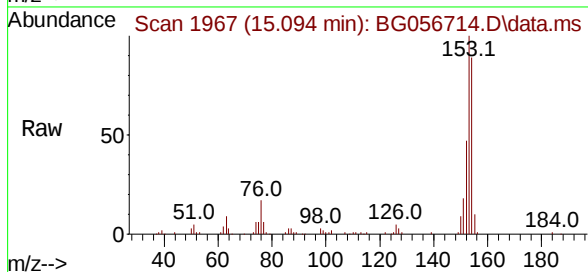
14.85 14.90 14.95



Scan 1966 (15.093 min): BG056710.D\data.ms (-1953) (-)
 Acenaphthene
 Concen: 19.811 ng/ul
 RT: 15.094 min Scan# 1966
 Delta R.T. 0.002 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

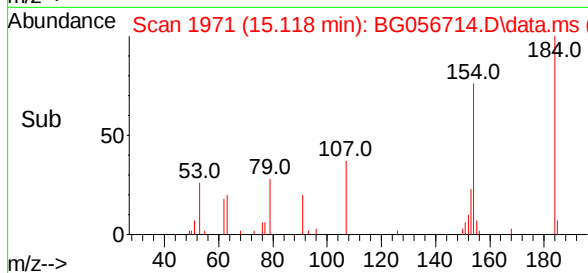
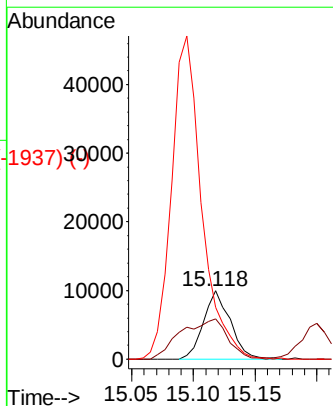
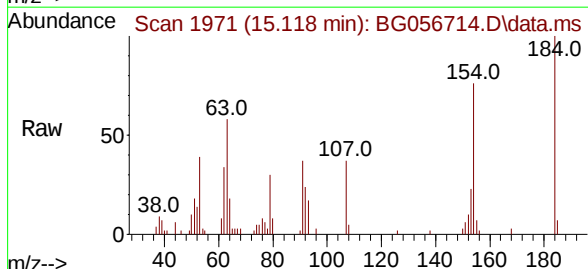
Instrument :
 BNA_G
 ClientSampleId :
 SICV420

Tgt Ion:	153	Resp:	82135
Ion	Ratio	Lower	Upper
153	100		
152	46.9	38.6	58.0
154	88.9	70.9	106.3



Scan 1970 (15.116 min): BG056710.D\data.ms (-1953) (-)
 2,4-Dinitrophenol
 Concen: 21.483 ng/ul
 RT: 15.118 min Scan# 1971
 Delta R.T. 0.002 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

Tgt Ion:	184	Resp:	15080
Ion	Ratio	Lower	Upper
184	100		
63	58.3	43.8	65.6
154	75.6	66.8	100.2



Abundance Scan 1984 (15.199 min): BG056710.D\data.ms (-1955) (-)

4-Nitrophenol

Concen: 21.633 ng/u1

RT: 15.200 min Scan#

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

Tgt Ion:109 Resp: 22693

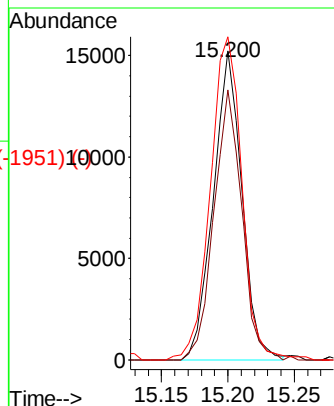
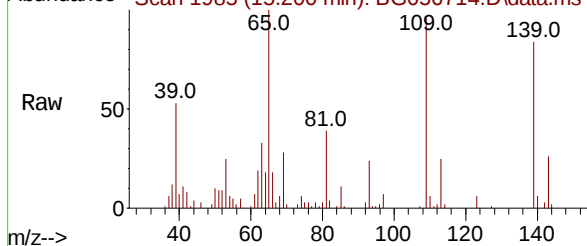
Ion Ratio Lower Upper

109 100

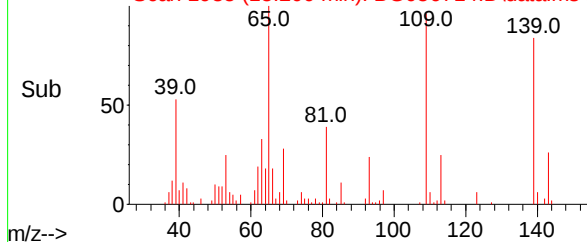
139 87.5 71.2 106.8

65 104.6 85.1 127.7

Abundance Scan 1985 (15.200 min): BG056714.D\data.ms



Abundance Scan 1985 (15.200 min): BG056714.D\data.ms (-1951) (-)



Abundance Scan 2022 (15.422 min): BG056710.D\data.ms (-2056) (-)

Dibenzofuran

Concen: 20.189 ng/u1

RT: 15.423 min Scan# 2023

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

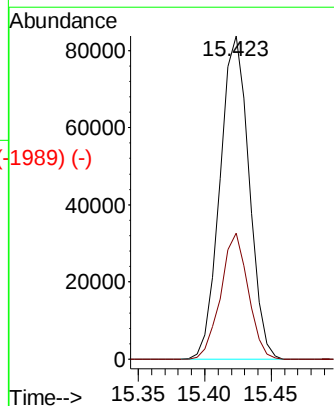
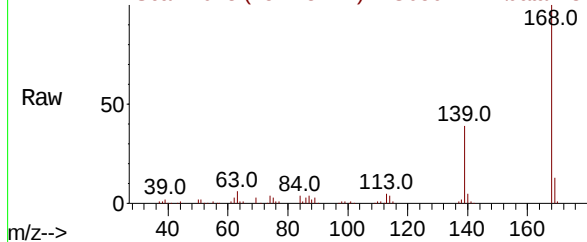
Tgt Ion:168 Resp: 127062

Ion Ratio Lower Upper

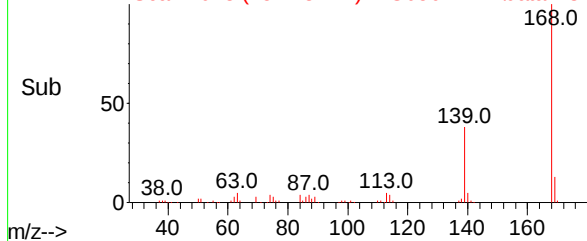
168 100

139 38.9 28.2 42.2

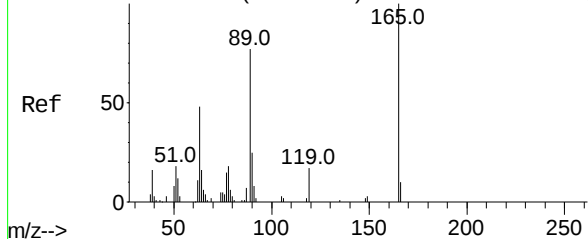
Abundance Scan 2023 (15.423 min): BG056714.D\data.ms



Abundance Scan 2023 (15.423 min): BG056714.D\data.ms (-1989) (-)



Abundance Scan 2013 (15.369 min): BG056710.D\data.ms (-2057) (-)

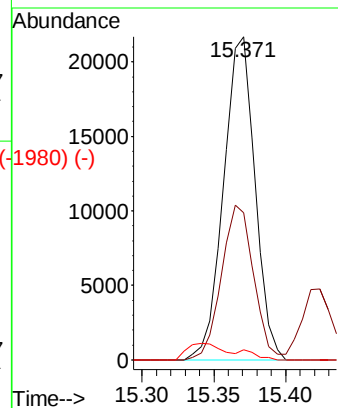
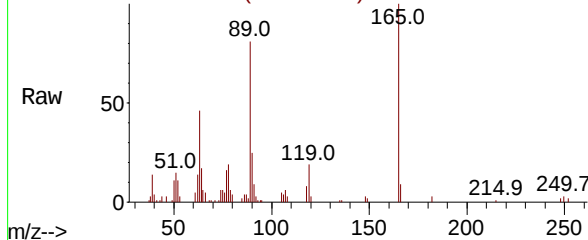


2,4-Dinitrotoluene
Concen: 20.922 ng/u1
RT: 15.371 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

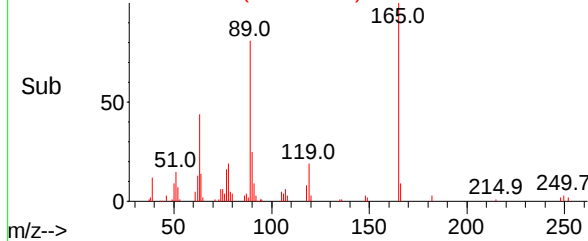
Instrument :
BNA_G
ClientSampleId :
SICV420

Tgt Ion:	165	Resp:	32867
Ion	Ratio	Lower	Upper
165	100		
63	45.5	38.6	58.0
182	3.1	1.8	2.8#

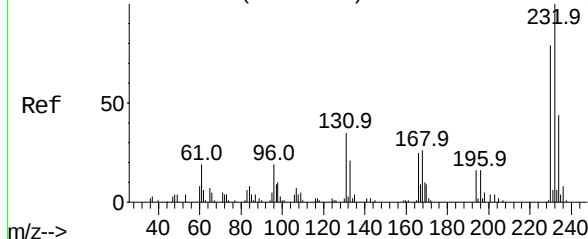
Abundance Scan 2014 (15.371 min): BG056714.D\data.ms



Abundance Scan 2014 (15.371 min): BG056714.D\data.ms (-1980) (-)



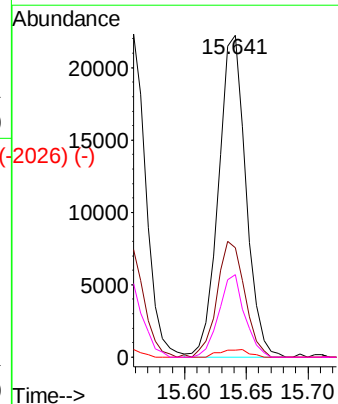
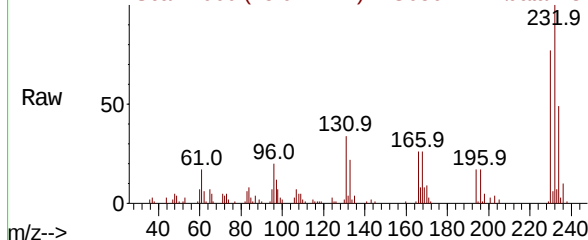
Abundance Scan 2059 (15.639 min): BG056710.D\data.ms (-2058) (-)



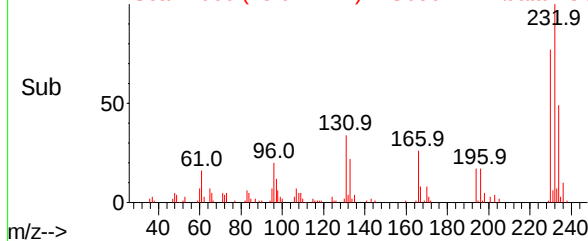
2,3,4,6-Tetrachlorophenol
Concen: 22.012 ng/u1
RT: 15.641 min Scan# 2060
Delta R.T. 0.002 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

Tgt Ion:	232	Resp:	34327
Ion	Ratio	Lower	Upper
232	100		
131	33.9	27.8	41.8
130	2.1	1.8	2.6
166	25.6	20.2	30.4

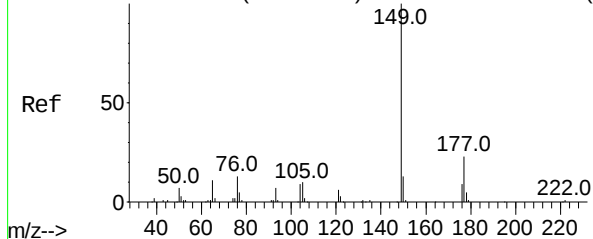
Abundance Scan 2060 (15.641 min): BG056714.D\data.ms



Abundance Scan 2060 (15.641 min): BG056714.D\data.ms (-2026) (-)



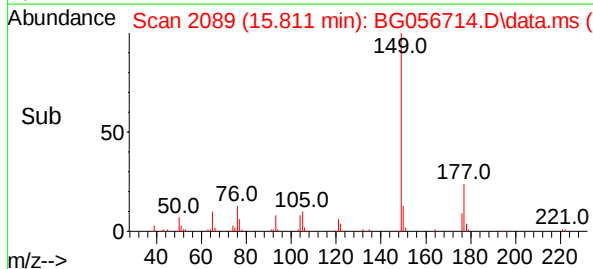
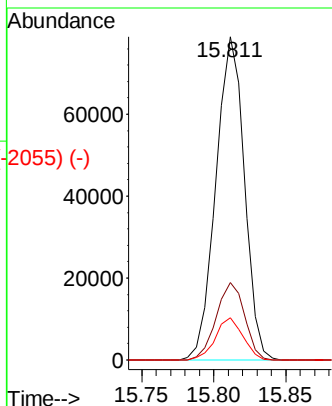
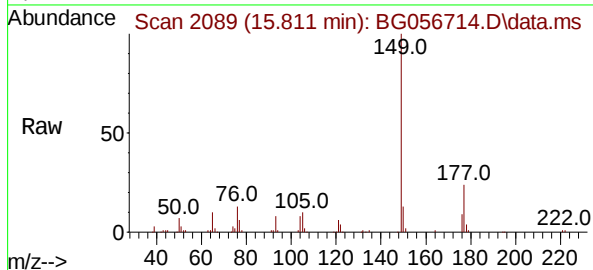
Abundance Scan 2088 (15.810 min): BG056710.D\data.ms (-2055) (-)



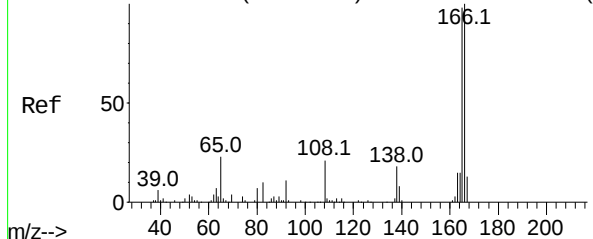
Diethylphthalate
Concen: 20.271 ng/ul
RT: 15.811 min Scan# 2129
Delta R.T. 0.002 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

Instrument :
BNA_G
ClientSampleId :
SICV420

Tgt Ion:	149	Resp:	108462
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.6	28.0
150	13.1	10.7	16.1

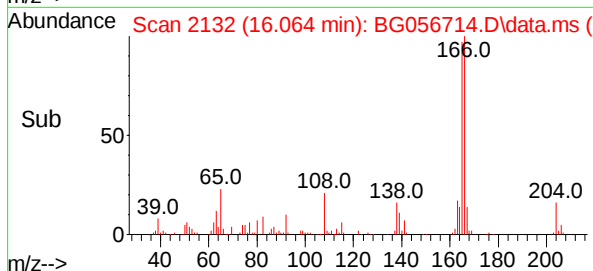
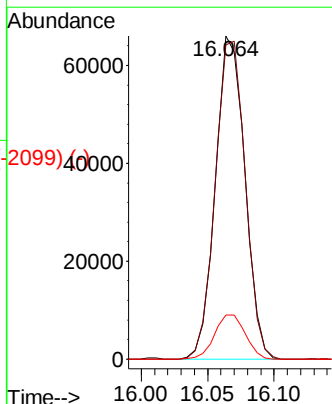
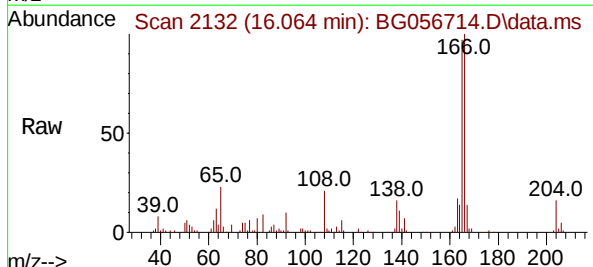


Abundance Scan 2132 (16.068 min): BG056710.D\data.ms (-2166) (-)



Fluorene
Concen: 20.100 ng/ul
RT: 16.064 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

Tgt Ion:	166	Resp:	101289
Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.4	117.6
167	13.6	10.5	15.7



Abundance Scan 2128 (16.045 min): BG056710.D\data.ms (-2128) (-)

4-Chlorophenyl-phenylether

Concen: 19.996 ng/ul

RT: 16.046 min Scan# 2128

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

Tgt Ion:204 Resp: 59687

Ion Ratio Lower Upper

204 100

206 35.7 26.1 39.1

141 49.7 39.7 59.5

Abundance Scan 2129 (16.046 min): BG056714.D\data.ms

Ref

51.0 77.0 115.1 141.0 165.0 204.0

m/z-->

Raw

51.0 77.0 115.0 141.0 165.0 204.0

m/z-->

Abundance Scan 2129 (16.046 min): BG056714.D\data.ms (-2095) (-)

Sub

51.0 77.0 115.0 141.0 165.0 204.0

m/z-->

Abundance

16.046

40000

30000

20000

10000

0

Time-->

16.00 16.05 16.10

Abundance Scan 2132 (16.068 min): BG056710.D\data.ms (-2132) (-)

4-Nitroaniline

Concen: 24.967 ng/ul

RT: 16.070 min Scan# 2133

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Tgt Ion:138 Resp: 23923

Ion Ratio Lower Upper

138 100

92 59.8 48.6 73.0

108 122.0 93.0 139.6

Abundance Scan 2133 (16.070 min): BG056714.D\data.ms

Ref

39.0 65.0 108.1 138.0 165.1 204.0

m/z-->

Raw

39.1 65.0 108.0 138.0 165.0 204.0

m/z-->

Abundance Scan 2133 (16.070 min): BG056714.D\data.ms (-2099) (-)

Sub

39.1 65.0 108.0 138.0 165.0 204.0

m/z-->

Abundance

16.070

15000

10000

5000

0

Time-->

16.00 16.05 16.10

Abundance Scan 2142 (16.127 min): BG056710.D\data.ms (-2166) (-)

4,6-Dinitro-2-methylphenol

Concen: 20.409 ng/ul

RT: 16.128 min Scan# 2142

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

Tgt Ion:198 Resp: 22116

Ion Ratio Lower Upper

198 100

182 3.6 2.4 3.6#

77 26.1 21.0 31.6

Abundance Scan 2143 (16.128 min): BG056714.D\data.ms

Ref 50 198.0

Raw 50 198.0

Sub 50 198.0

m/z--> 40 60 80 100 120 140 160 180 200

51.0 77.0 121.0 168.0

198.0

m/z--> 40 60 80 100 120 140 160 180 200

Abundance Scan 2143 (16.128 min): BG056714.D\data.ms (-2109) (-)

Ref 50 198.0

Raw 50 198.0

Sub 50 198.0

m/z--> 40 60 80 100 120 140 160 180 200

51.0 77.0 121.0 168.0

198.0

m/z--> 40 60 80 100 120 140 160 180 200

Abundance

15000 16.129

10000

5000

0

Time--> 16.10 16.15

Abundance Scan 2164 (16.256 min): BG056710.D\data.ms (-2167) (-)

N-Nitrosodiphenylamine

Concen: 19.916 ng/ul

RT: 16.258 min Scan# 2165

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Tgt Ion:169 Resp: 93176

Ion Ratio Lower Upper

169 100

168 70.3 55.1 82.7

167 36.3 28.3 42.5

Abundance Scan 2165 (16.258 min): BG056714.D\data.ms

Ref 50 169.1

Raw 50 169.1

Sub 50 169.1

m/z--> 40 60 80 100 120 140 160 180

51.0 77.0 115.0 141.0

169.1

m/z--> 40 60 80 100 120 140 160 180

Abundance Scan 2165 (16.258 min): BG056714.D\data.ms (-2131) (-)

Ref 50 169.1

Raw 50 169.1

Sub 50 169.1

m/z--> 40 60 80 100 120 140 160 180

51.0 83.5 102.9 143.0

169.1

m/z--> 40 60 80 100 120 140 160 180

Abundance

60000 16.258

40000

20000

0

Time--> 16.20 16.25 16.30

Abundance Scan 2281 (16.944 min): BG056710.D\data.ms (-2281) (-)

4-Bromophenyl-phenylether

Concen: 19.498 ng/ul

RT: 16.939 min Scan# 2281

Delta R.T. -0.004 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

Ref

m/z-->

Abundance Scan 2281 (16.939 min): BG056714.D\data.ms

Raw

m/z-->

Abundance Scan 2281 (16.939 min): BG056714.D\data.ms (-2248) (-)

Sub

m/z-->

Tgt Ion:248 Resp: 41571

Ion Ratio Lower Upper

248 100

250 103.1 80.4 120.6

141 64.6 47.6 71.4

Abundance

16.939

20000

10000

0

Time-->

Abundance Scan 2302 (17.067 min): BG056710.D\data.ms (-2269) (-)

Hexachlorobenzene

Concen: 19.795 ng/ul

RT: 17.069 min Scan# 2303

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Ref

m/z-->

Abundance Scan 2303 (17.069 min): BG056714.D\data.ms

Raw

m/z-->

Abundance Scan 2303 (17.069 min): BG056714.D\data.ms (-2269) (-)

Sub

m/z-->

Tgt Ion:284 Resp: 45342

Ion Ratio Lower Upper

284 100

142 30.5 21.8 32.6

249 35.7 25.9 38.9

Abundance

17.069

25000

20000

15000

10000

5000

0

Time-->

Abundance Scan 2323 (17.190 min): BG056710.D\data.ms (-2319) (-)

Atrazine

Concen: 21.271 ng/ul

RT: 17.186 min Scan# 2319

Delta R.T. -0.004 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

Tgt Ion:200 Resp: 43222

Ion Ratio Lower Upper

200 100

173 21.1 17.4 26.0

215 45.6 41.7 62.5

Abundance Scan 2323 (17.186 min): BG056714.D\data.ms

Ref

58.0 92.6 132.0 173.0 200.1

m/z-->

Raw

58.1 92.8 132.0 173.0 200.1

m/z-->

Abundance Scan 2323 (17.186 min): BG056714.D\data.ms (-2290) (-)

Sub

58.1 92.8 132.0 173.0 200.1

m/z-->

Abundance

17.186

30000

20000

10000

0

Time-->

Abundance Scan 2359 (17.402 min): BG056710.D\data.ms (-2374) (-)

Pentachlorophenol

Concen: 20.489 ng/ul

RT: 17.403 min Scan# 2360

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Tgt Ion:266 Resp: 26649

Ion Ratio Lower Upper

266 100

264 62.2 49.9 74.9

268 64.4 54.5 81.7

Abundance Scan 2360 (17.403 min): BG056714.D\data.ms

Ref

60.0 95.0 129.9 164.9 201.9 234.8 265.8

m/z-->

Raw

60.0 95.0 129.9 164.9 201.9 233.9 265.9

m/z-->

Abundance Scan 2360 (17.403 min): BG056714.D\data.ms (-2326) (-)

Sub

60.0 95.0 129.9 164.9 201.9 229.8 265.9

m/z-->

Abundance

17.403

15000

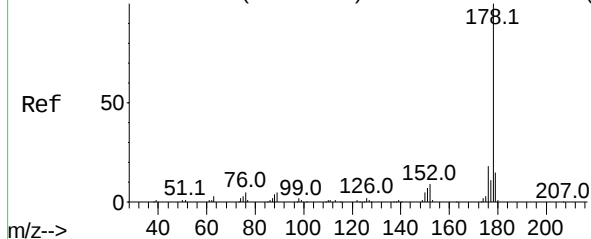
10000

5000

0

Time-->

Abundance Scan 2428 (17.807 min): BG056710.D\data.ms (-2428) (-)



Phenanthrene

Concen: 19.730 ng/ul

RT: 17.809 min Scan# 2429

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

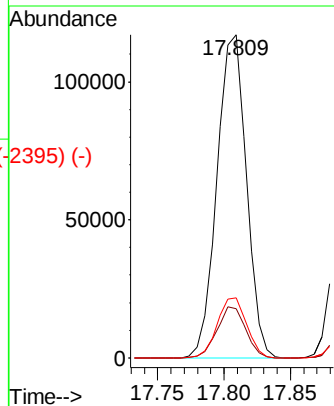
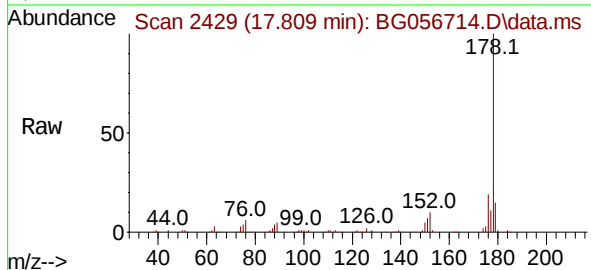
Tgt Ion:178 Resp: 179807

Ion Ratio Lower Upper

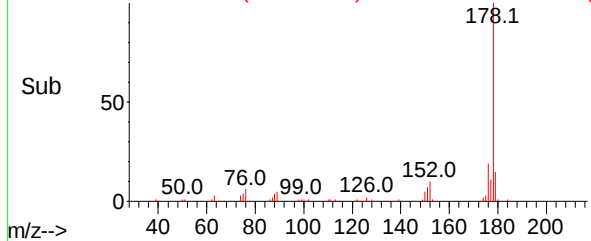
178 100

179 15.2 12.1 18.1

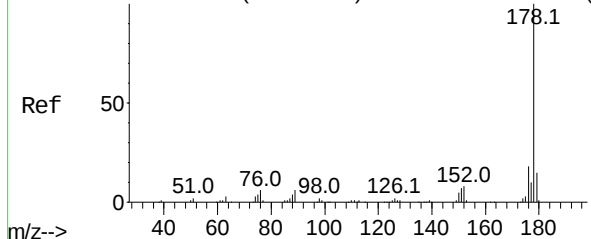
176 18.5 14.4 21.6



Abundance Scan 2429 (17.809 min): BG056714.D\data.ms (-2395) (-)



Abundance Scan 2443 (17.895 min): BG056710.D\data.ms (-2439) (-)



Anthracene

Concen: 19.901 ng/ul

RT: 17.897 min Scan# 2444

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

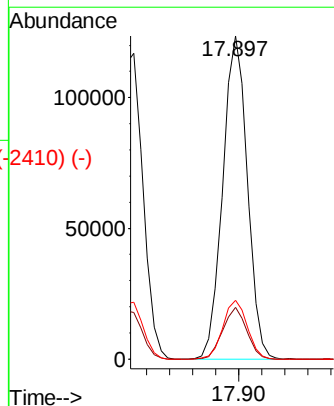
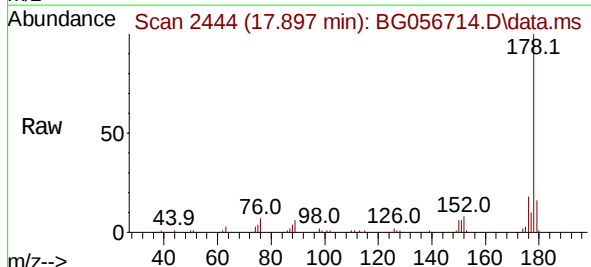
Tgt Ion:178 Resp: 183282

Ion Ratio Lower Upper

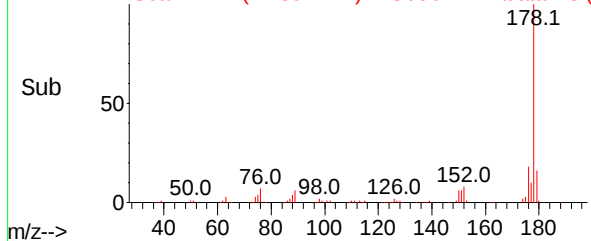
178 100

179 16.1 12.1 18.1

176 18.2 14.1 21.1



Abundance Scan 2444 (17.897 min): BG056714.D\data.ms (-2410) (-)



Abundance Scan 1753 (13.841 min): BG056710.D\data.ms (-1775) (-)

1,2,3,4-Tetrachlorobenzene

Concen: 19.049 ng/uL

RT: 13.843 min Scan# 1753

Delta R.T. 0.002 min

Lab File: BG056714.D

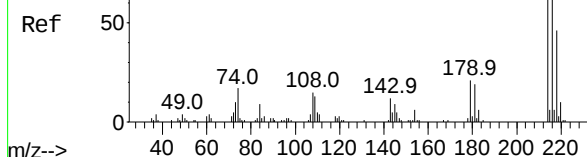
Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420



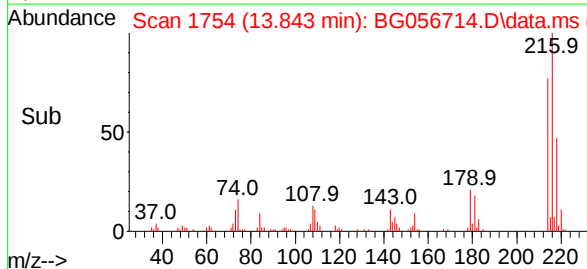
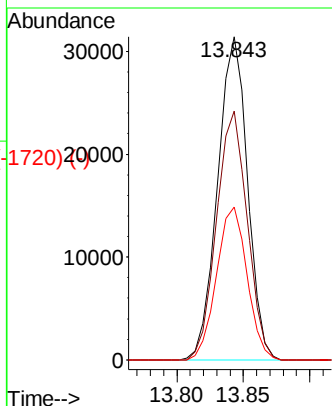
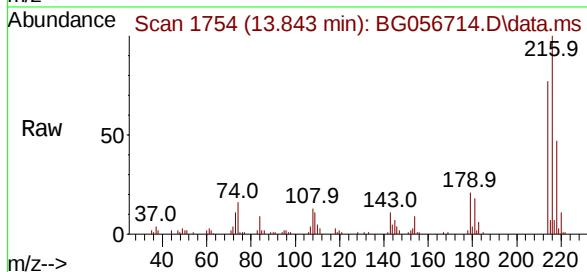
Tgt Ion:216 Resp: 49029

Ion Ratio Lower Upper

216 100

214 76.9 64.2 96.2

218 47.2 36.6 54.8



Abundance Scan 2008 (15.340 min): BG056710.D\data.ms (-2075) (-)

Pentachlorobenzene

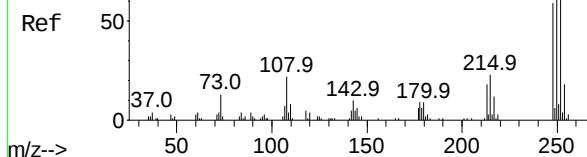
Concen: 19.119 ng/uL

RT: 15.341 min Scan# 2009

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34



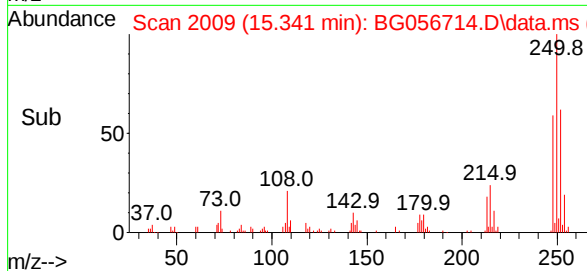
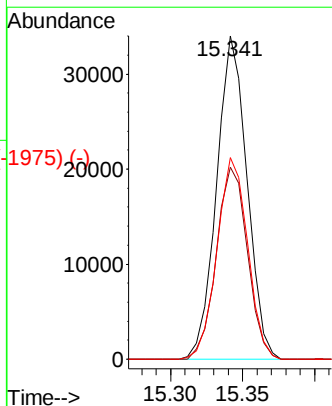
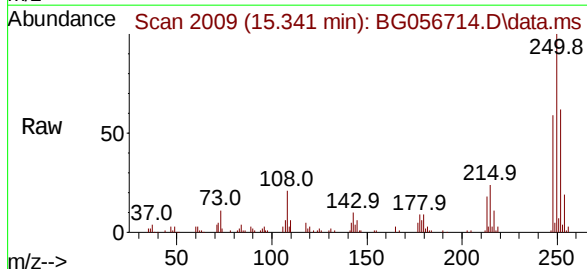
Tgt Ion:250 Resp: 49909

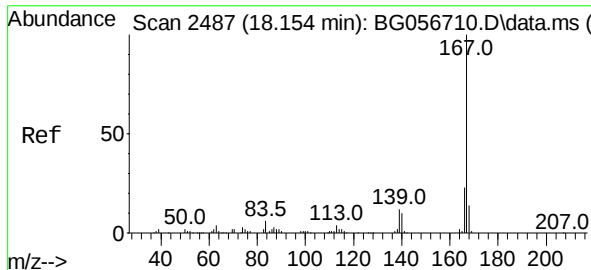
Ion Ratio Lower Upper

250 100

248 59.4 47.1 70.7

252 62.4 52.4 78.6





Carbazole

Concen: 20.676 ng/u1

RT: 18.156 min Scan# 2487

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

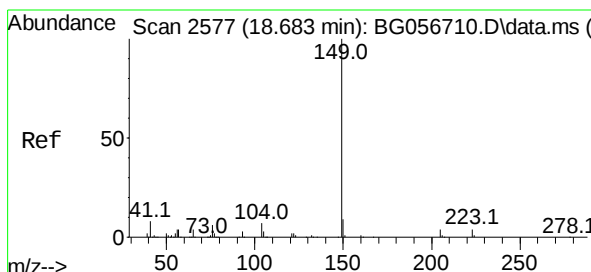
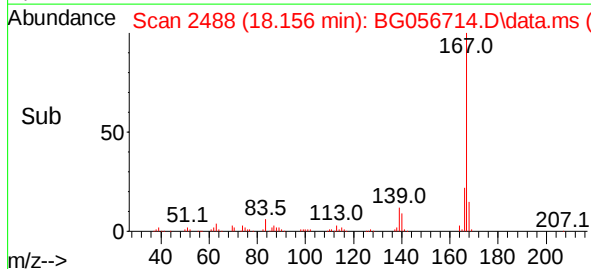
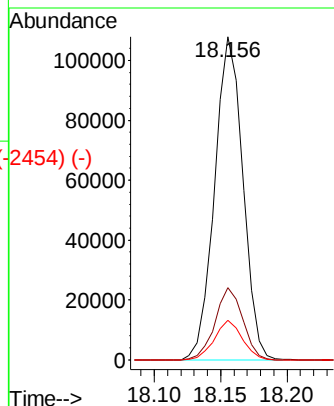
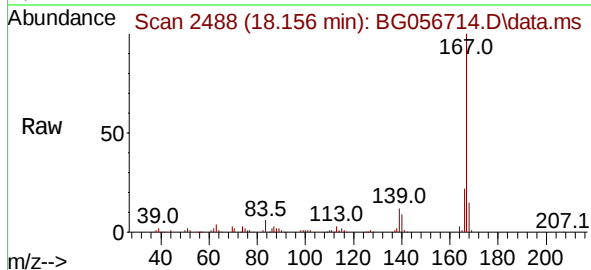
Tgt Ion:167 Resp: 159324

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

139 12.3 9.8 14.8



Di-n-butylphthalate

Concen: 20.118 ng/u1

RT: 18.684 min Scan# 2578

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

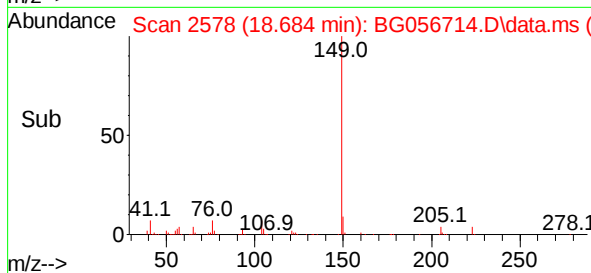
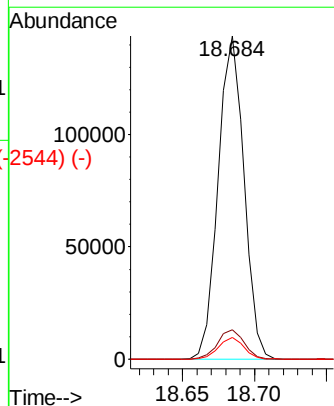
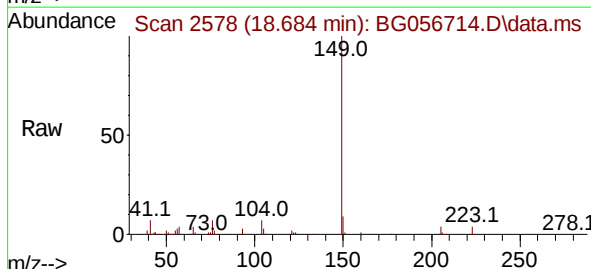
Tgt Ion:149 Resp: 178673

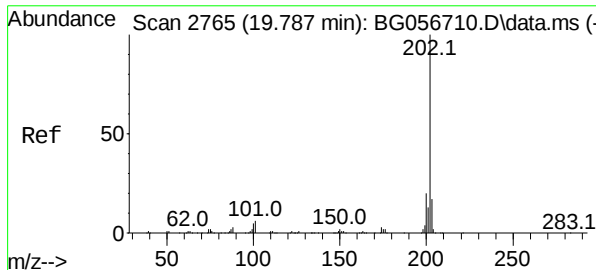
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 6.6 5.4 8.2





#80 (-)

Fluoranthene

Concen: 19.121 ng/ul

RT: 19.789 min Scan# 2766

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

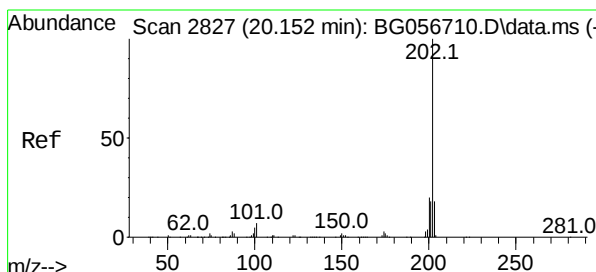
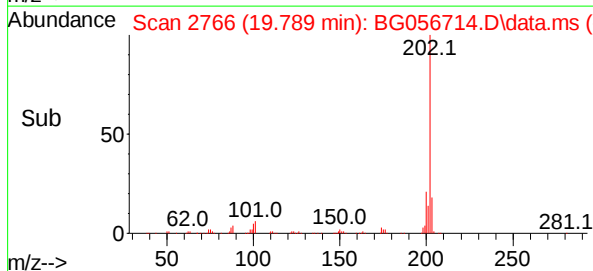
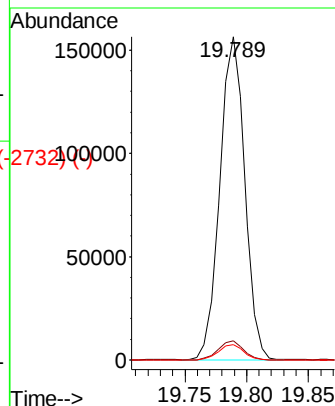
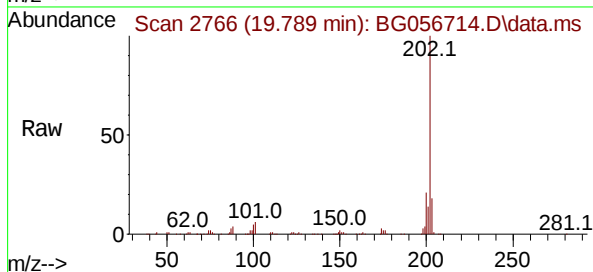
Tgt Ion:202 Resp: 220115

Ion Ratio Lower Upper

202 100

101 5.9 4.7 7.1

100 4.7 4.4 6.6



#80 (-)

Pyrene

Concen: 19.606 ng/ul

RT: 20.147 min Scan# 2827

Delta R.T. -0.004 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

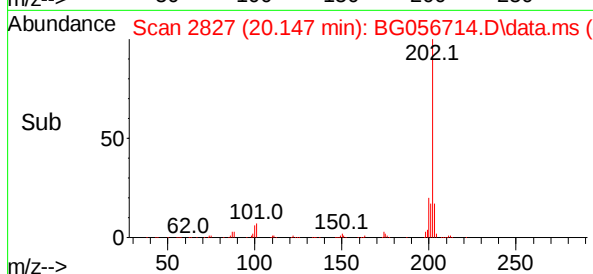
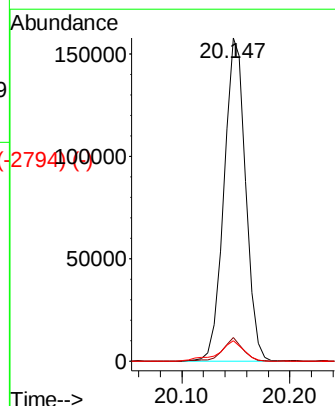
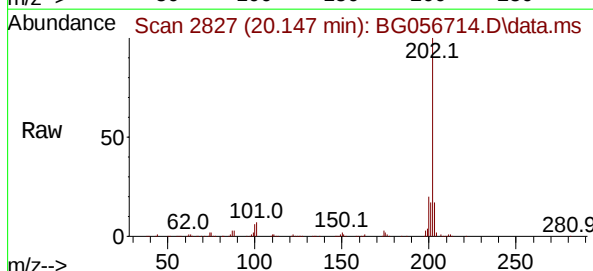
Tgt Ion:202 Resp: 222356

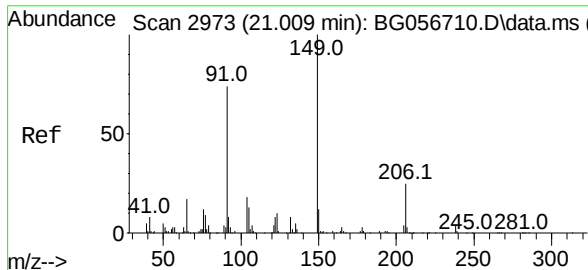
Ion Ratio Lower Upper

202 100

101 7.3 5.3 7.9

100 6.3 4.6 7.0

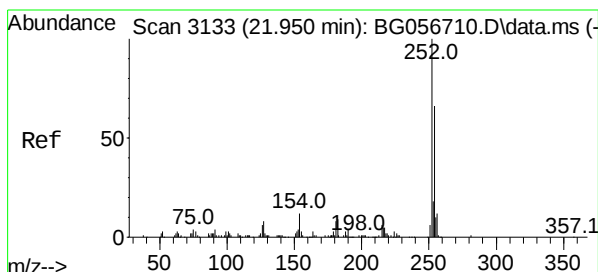
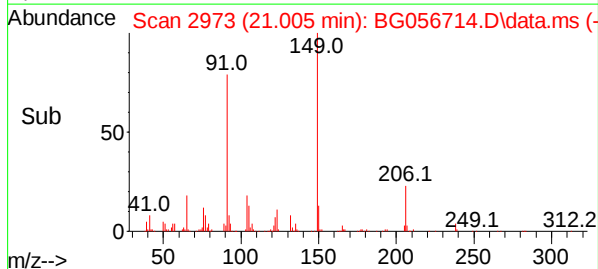
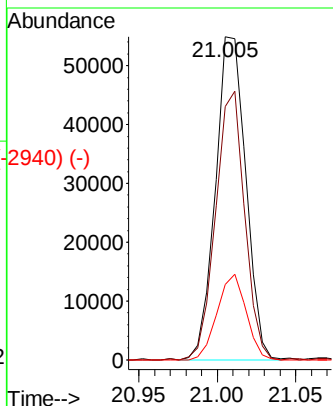
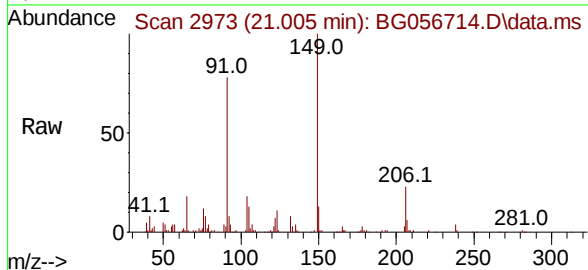




Butylbenzylphthalate
 Concen: 20.485 ng/u1
 RT: 21.005 min Scan# 1
 Delta R.T. -0.004 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

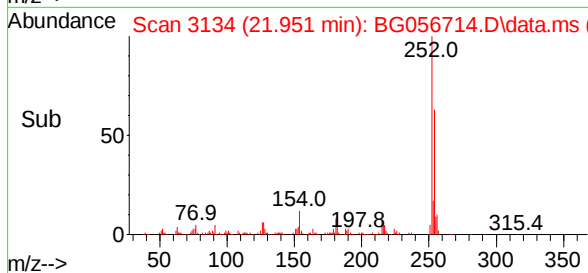
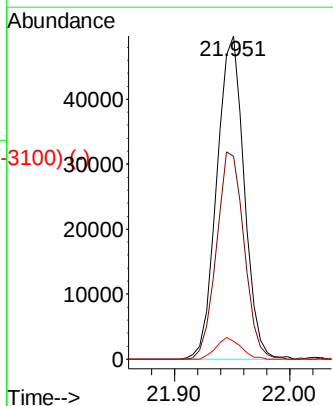
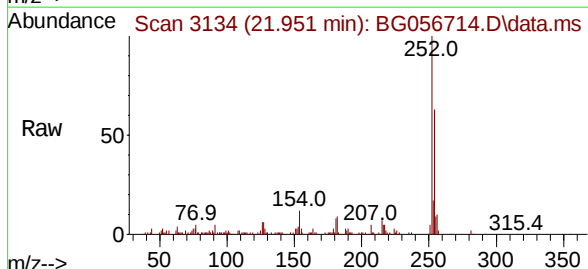
Instrument :
 BNA_G
 ClientSampleId :
 SICV420

Tgt Ion:	149	Resp:	73701
Ion	Ratio	Lower	Upper
149	100		
91	78.5	59.3	88.9
206	23.3	19.7	29.5



3,3'-Dichlorobenzidine
 Concen: 23.231 ng/u1
 RT: 21.951 min Scan# 3134
 Delta R.T. 0.002 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

Tgt Ion:	252	Resp:	81952
Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.6	78.8
126	5.6	5.0	7.6



Abundance Scan 3151 (22.055 min): BG056710.D\data.ms (-3118) (-)

Benzo(a)anthracene

Concen: 20.293 ng/u1

RT: 22.051 min Scan# 3151

Delta R.T. -0.004 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

Tgt Ion:228 Resp: 207809

Ion Ratio Lower Upper

228 100

229 19.2 16.2 24.4

226 27.0 20.6 31.0

Abundance Scan 3151 (22.051 min): BG056714.D\data.ms

Ref 50

228.1

Raw 50

43.0 113.0 163.0 281.0 355.0

m/z-->

Abundance Scan 3151 (22.051 min): BG056714.D\data.ms (-3118) (-)

Ref 50

228.1

Raw 50

50.0 113.0 163.0 355.0

m/z-->

Abundance

22.051

100000

80000

60000

40000

20000

0

Time-->

22.00 22.10

Abundance Scan 3127 (21.914 min): BG056710.D\data.ms (-3120) (-)

Bis(2-ethylhexyl)phthalate

Concen: 20.194 ng/u1

RT: 21.916 min Scan# 3128

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Tgt Ion:149 Resp: 102064

Ion Ratio Lower Upper

149 100

167 26.2 21.8 32.8

279 5.1 4.2 6.2

Abundance Scan 3128 (21.916 min): BG056714.D\data.ms

Ref 50

149.0

Raw 50

57.1 104.0 207.0 279.2 354.9

m/z-->

Abundance Scan 3128 (21.916 min): BG056714.D\data.ms (-3094) (-)

Ref 50

149.0

Raw 50

57.1 104.0 190.1 234.0 279.1 354.9

m/z-->

Abundance

21.916

60000

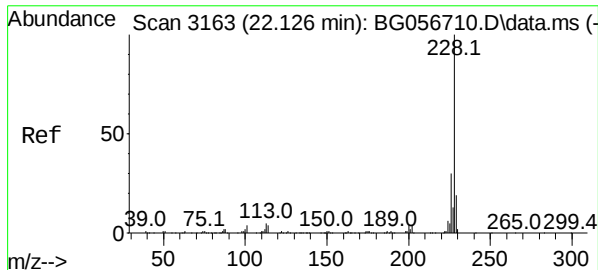
40000

20000

0

Time-->

21.90



#37 (-)

Chrysene

Concen: 20.227 ng/u1

RT: 22.127 min Scan#

Delta R.T. 0.002 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Instrument :

BNA_G

ClientSampleId :

SICV420

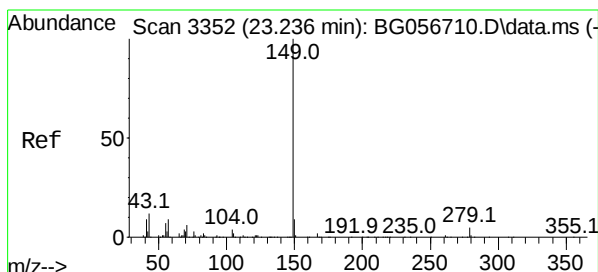
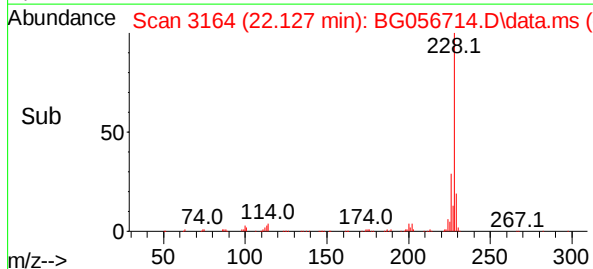
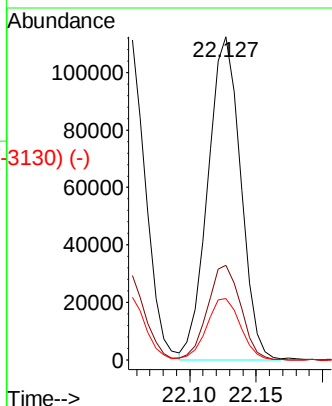
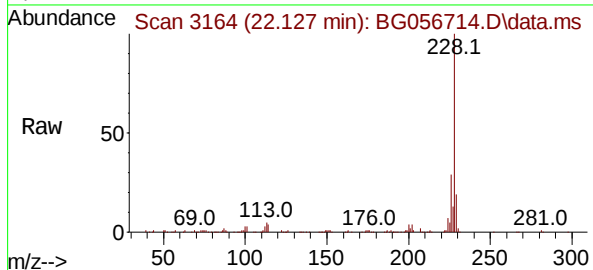
Tgt Ion:228 Resp: 192915

Ion Ratio Lower Upper

228 100

226 29.3 23.6 35.4

229 19.1 15.4 23.0



#49 (-)

Di-n-octyl phthalate

Concen: 20.789 ng/u1

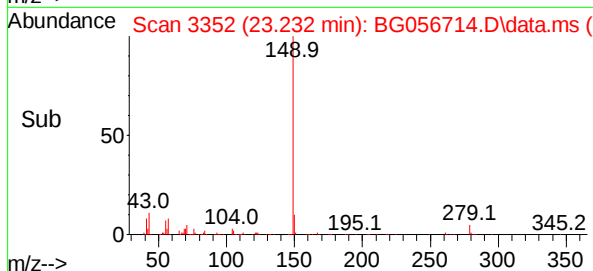
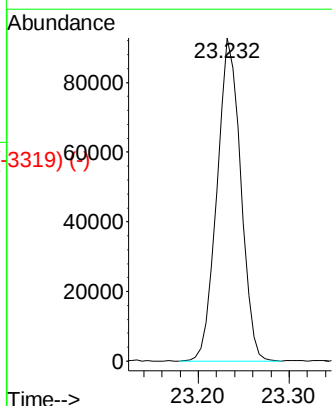
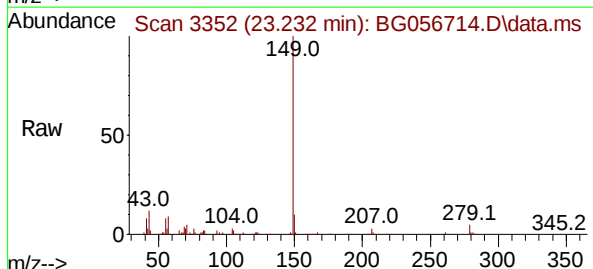
RT: 23.232 min Scan# 3352

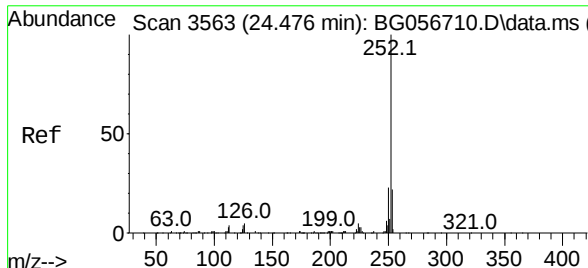
Delta R.T. -0.004 min

Lab File: BG056714.D

Acq: 23 Feb 2023 16:34

Tgt Ion:149 Resp: 168611

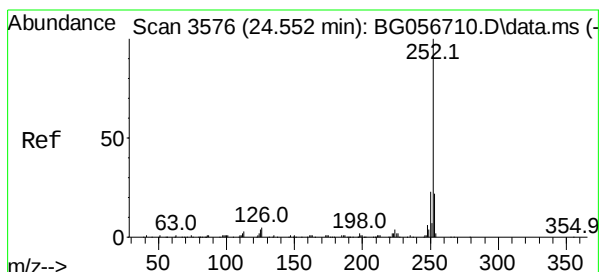
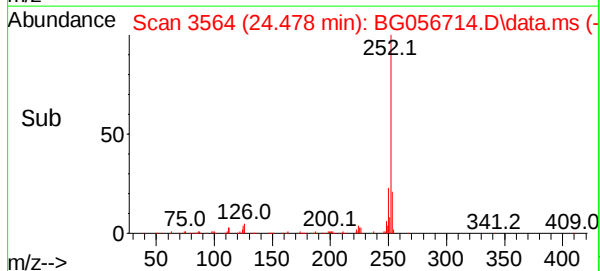
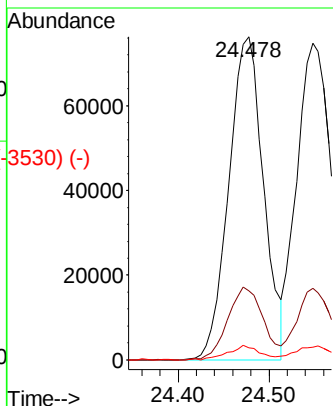
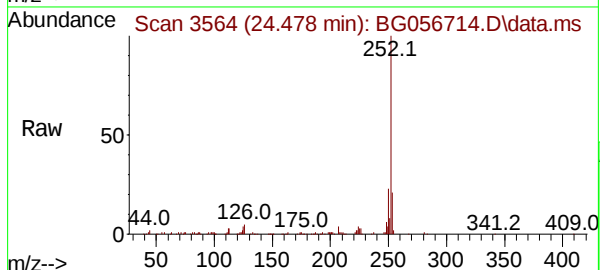




Scan 3563 (24.476 min): BG056710.D\data.ms (-3591) (-)
 Benzo(b)fluoranthene
 Concen: 20.283 ng/u1
 RT: 24.478 min Scan# 3563
 Delta R.T. 0.002 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

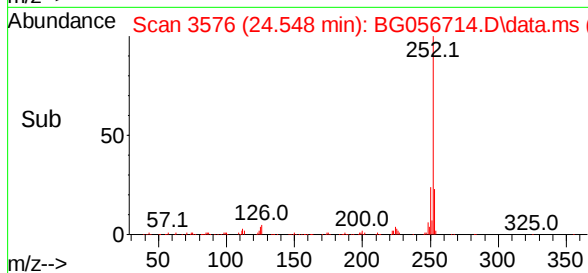
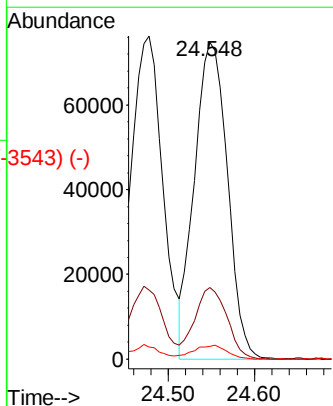
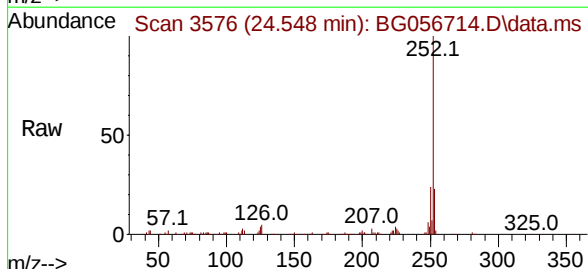
Instrument :
 BNA_G
 ClientSampleId :
 SICV420

Tgt Ion:	252	Resp:	202565
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	3.8	3.0	4.6

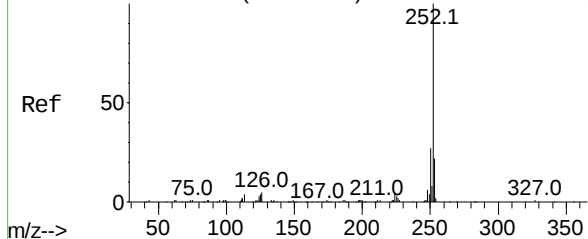


Scan 3576 (24.552 min): BG056710.D\data.ms (-3591) (-)
 Benzo(k)fluoranthene
 Concen: 20.358 ng/u1
 RT: 24.548 min Scan# 3576
 Delta R.T. -0.004 min
 Lab File: BG056714.D
 Acq: 23 Feb 2023 16:34

Tgt Ion:	252	Resp:	198032
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	3.9	3.4	5.2



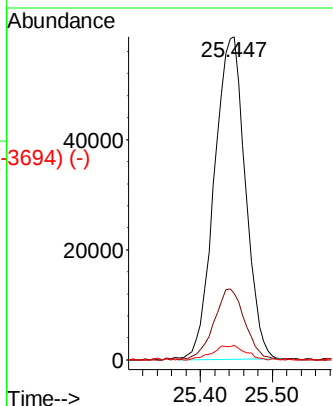
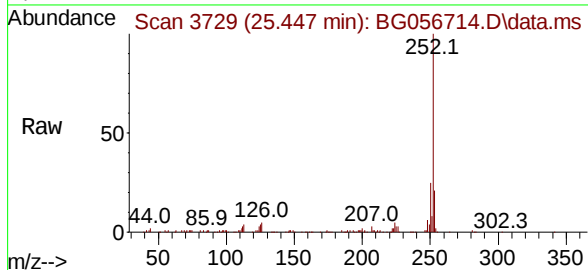
Abundance Scan 3727 (25.440 min): BG056710.D\data.ms (-3727) (-)



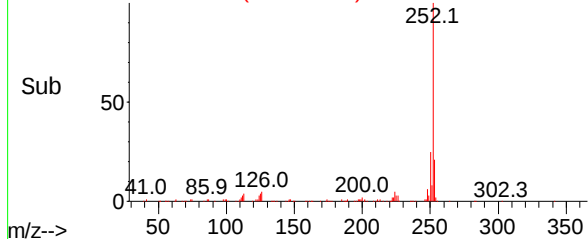
Benzo(a)pyrene
Concen: 19.944 ng/u1
RT: 25.447 min Scan# 3727
Delta R.T. 0.007 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

Instrument :
BNA_G
ClientSampleId :
SICV420

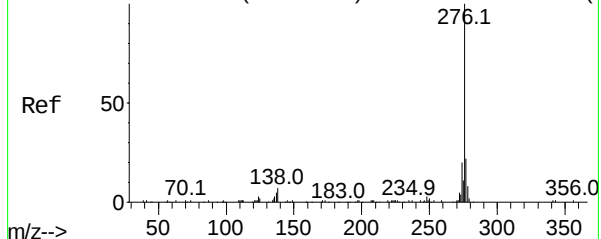
Tgt Ion:	252	Resp:	175081
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.4	26.0
125	4.5	3.6	5.4



Abundance Scan 3729 (25.447 min): BG056714.D\data.ms (-3694) (-)

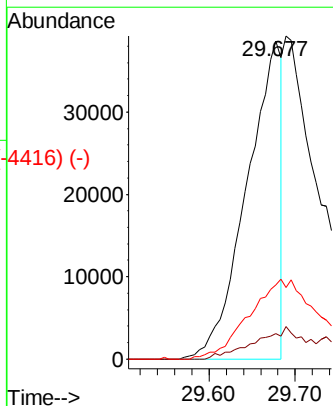
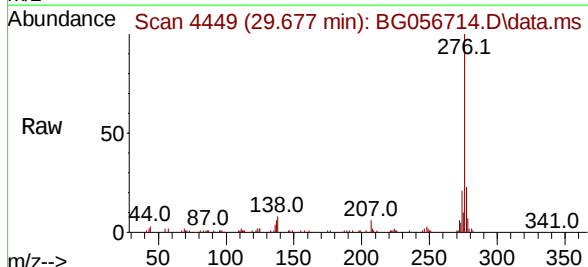


Abundance Scan 4449 (29.682 min): BG056710.D\data.ms (-4449) (-)

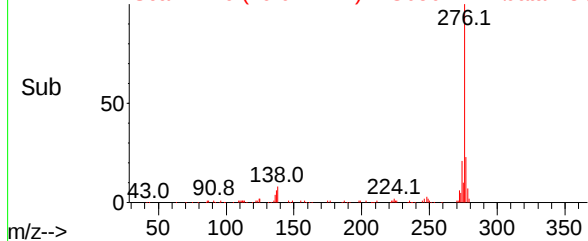


Indeno(1,2,3-cd)pyrene
Concen: 9.035 ng/u1
RT: 29.677 min Scan# 4449
Delta R.T. -0.004 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

Tgt Ion:	276	Resp:	107749
Ion Ratio	Lower	Upper	
276	100		
138	8.0	5.7	8.5
277	23.4	18.1	27.1



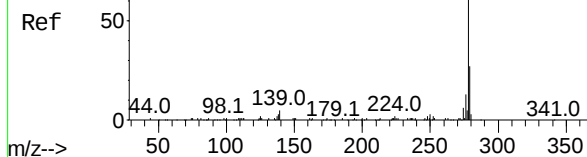
Abundance Scan 4449 (29.677 min): BG056714.D\data.ms (-4416) (-)



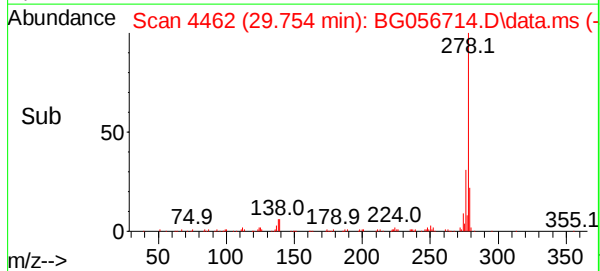
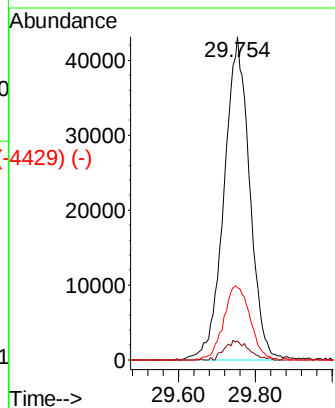
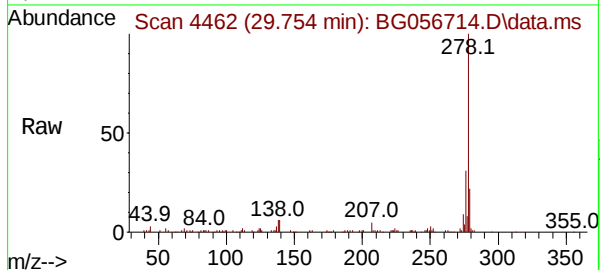
Abundance Scan 4462 (29.758 min): BG056710.D\data.ms (-4495) (-)

Dibenzo(a,h)anthracene
Concen: 19.953 ng/ul
RT: 29.754 min Scan# 4462
Delta R.T. -0.004 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

Instrument :
BNA_G
ClientSampleId :
SICV420



Tgt Ion:	278	Resp:	198951
Ion	Ratio	Lower	Upper
278	100		
139	6.0	4.3	6.5
279	22.4	21.7	32.5



Abundance Scan 4666 (30.957 min): BG056710.D\data.ms (-4646) (-)

Benzo(g,h,i)perylene
Concen: 11.892 ng/ul
RT: 30.964 min Scan# 4668
Delta R.T. 0.007 min
Lab File: BG056714.D
Acq: 23 Feb 2023 16:34

Tgt Ion:	276	Resp:	113280
Ion	Ratio	Lower	Upper
276	100		
138	7.2	6.5	9.7
277	23.7	20.7	31.1

