

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
 Data File : BM041429.D
 Acq On : 17 Aug 2023 09:32
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 17 17:53:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:13:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	160708	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	606070	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	363941	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	744219	20.000	ng	0.00
76) Chrysene-d12	21.392	240	628589	20.000	ng	0.00
86) Perylene-d12	23.750	264	669605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	809222	83.767	ng	0.00
7) Phenol-d6	6.946	99	1064467	81.147	ng	0.00
23) Nitrobenzene-d5	8.939	82	1032926	81.357	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	446738	77.350	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2291617	84.377	ng	0.00
79) Terphenyl-d14	19.821	244	3014736	83.459	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	169876	41.390	ng	98
3) Pyridine	3.652	79	449383	41.442	ng	98
4) n-Nitrosodimethylamine	3.569	42	202420	40.486	ng	99
6) Aniline	7.104	93	627035	40.198	ng	99
8) 2-Chlorophenol	7.328	128	407806	40.859	ng	99
9) Benzaldehyde	6.916	77	281993	38.936	ng	98
10) Phenol	6.975	94	514646	40.607	ng	97
11) bis(2-Chloroethyl)ether	7.198	93	410211	40.459	ng	98
12) 1,3-Dichlorobenzene	7.645	146	453823	40.911	ng	99
13) 1,4-Dichlorobenzene	7.798	146	461179	41.120	ng	98
14) 1,2-Dichlorobenzene	8.110	146	440341	40.676	ng	100
15) Benzyl Alcohol	8.022	79	378949	40.692	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	473474	38.922	ng	98
17) 2-Methylphenol	8.222	107	365883	40.385	ng	99
18) Hexachloroethane	8.828	117	173863	40.823	ng	98
19) n-Nitroso-di-n-propyla...	8.587	70	346045	38.453	ng	99
20) 3+4-Methylphenols	8.557	107	498758	40.083	ng	100
22) Acetophenone	8.598	105	634879	40.650	ng	# 100
24) Nitrobenzene	8.981	77	523201	41.269	ng	98
25) Isophorone	9.504	82	911697	39.231	ng	100
26) 2-Nitrophenol	9.687	139	232098	41.930	ng	98
27) 2,4-Dimethylphenol	9.751	122	358425	40.214	ng	97
28) bis(2-Chloroethoxy)met...	9.992	93	536000	39.626	ng	99
29) 2,4-Dichlorophenol	10.222	162	401478	41.117	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	451406	41.636	ng	99
31) Naphthalene	10.616	128	1269149	40.276	ng	99
32) Benzoic acid	9.945	122	274474	38.342	ng	100
33) 4-Chloroaniline	10.745	127	538622	40.487	ng	99
34) Hexachlorobutadiene	10.881	225	298774	41.670	ng	97
35) Caprolactam	11.575	113	110172	36.396	ng	98
36) 4-Chloro-3-methylphenol	11.880	107	406814	39.148	ng	99
37) 2-Methylnaphthalene	12.233	142	907918	39.597	ng	99
38) 1-Methylnaphthalene	12.451	142	849760	39.228	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	508462	42.822	ng	99
41) Hexachlorocyclopentadiene	12.563	237	244890	41.275	ng	100
43) 2,4,6-Trichlorophenol	12.857	196	337443	42.464	ng	99

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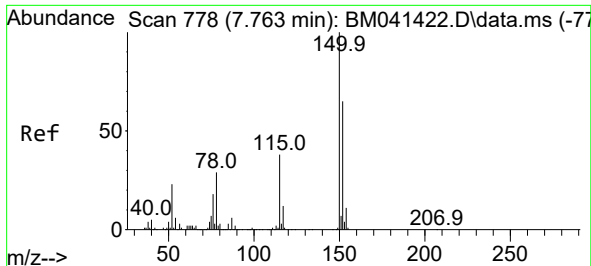
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	390603	42.460	ng	98
46) 1,1'-Biphenyl	13.257	154	1136233	41.368	ng	99
47) 2-Chloronaphthalene	13.298	162	882807	41.819	ng	100
48) 2-Nitroaniline	13.527	65	278748	40.411	ng	96
49) Acenaphthylene	14.145	152	1397369	40.849	ng	99
50) Dimethylphthalate	13.898	163	1119802	39.404	ng	100
51) 2,6-Dinitrotoluene	14.027	165	243262	39.942	ng	99
52) Acenaphthene	14.492	154	832204	40.675	ng	99
53) 3-Nitroaniline	14.363	138	245428	40.407	ng	97
54) 2,4-Dinitrophenol	14.580	184	147486	38.716	ng	94
55) Dibenzofuran	14.827	168	1385493	40.384	ng	99
56) 4-Nitrophenol	14.686	139	172285	37.669	ng	98
57) 2,4-Dinitrotoluene	14.821	165	330117	39.661	ng	95
58) Fluorene	15.480	166	1087806	39.563	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.063	232	310221	39.679	ng	99
60) Diethylphthalate	15.263	149	1080371	38.050	ng	99
61) 4-Chlorophenyl-phenyle...	15.474	204	595009	40.139	ng	99
62) 4-Nitroaniline	15.533	138	214732	38.753	ng	98
63) Azobenzene	15.768	77	1114209	38.948	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	206101	43.262	ng	99
66) n-Nitrosodiphenylamine	15.698	169	919798	41.986	ng	98
67) 4-Bromophenyl-phenylether	16.374	248	360000	42.212	ng	97
68) Hexachlorobenzene	16.480	284	388890	41.785	ng	98
69) Atrazine	16.657	200	252017	40.538	ng	98
70) Pentachlorophenol	16.839	266	270036	41.434	ng	100
71) Phenanthrene	17.227	178	1590164	40.478	ng	100
72) Anthracene	17.321	178	1623566	40.756	ng	99
73) Carbazole	17.604	167	1416850	39.973	ng	100
74) Di-n-butylphthalate	18.157	149	1715206	38.519	ng	100
75) Fluoranthene	19.251	202	1810712	38.714	ng	99
77) Benzidine	19.456	184	377194	52.350	ng	99
78) Pyrene	19.621	202	1878875	41.795	ng	99
80) Butylbenzylphthalate	20.527	149	707872	39.314	ng	97
81) Benzo(a)anthracene	21.374	228	1739293	40.519	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	585379	42.164	ng	99
83) Chrysene	21.427	228	1657558	40.624	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	984965	38.504	ng	99
85) Di-n-octyl phthalate	22.209	149	1599439	38.239	ng	99
87) Indeno(1,2,3-cd)pyrene	26.185	276	1929643	44.261	ng	99
88) Benzo(b)fluoranthene	23.033	252	1610496	40.354	ng	99
89) Benzo(k)fluoranthene	23.080	252	1631306	40.446	ng	99
90) Benzo(a)pyrene	23.644	252	1566593	41.224	ng	100
91) Dibenzo(a,h)anthracene	26.197	278	1616058	44.075	ng	99
92) Benzo(g,h,i)perylene	26.932	276	1589595	44.846	ng	99

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

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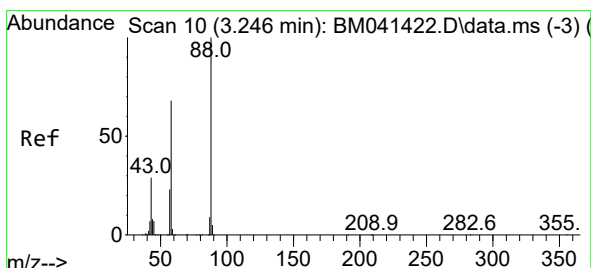
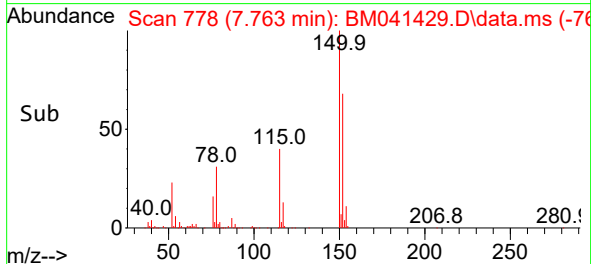
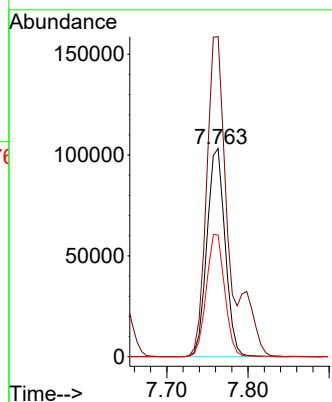
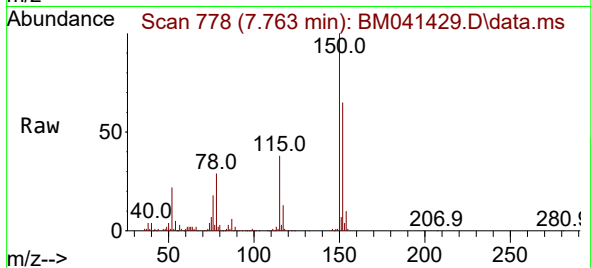




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

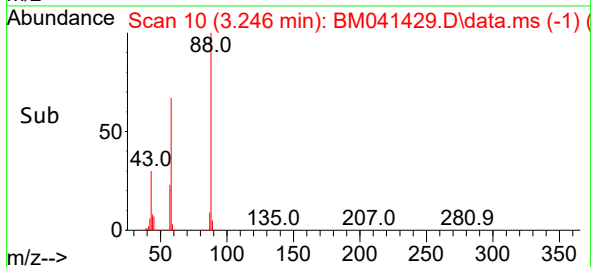
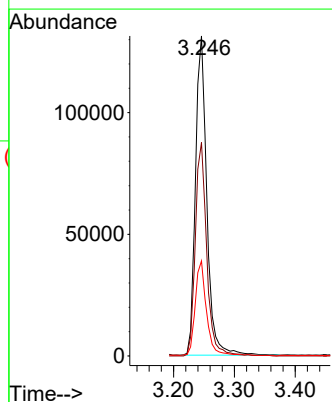
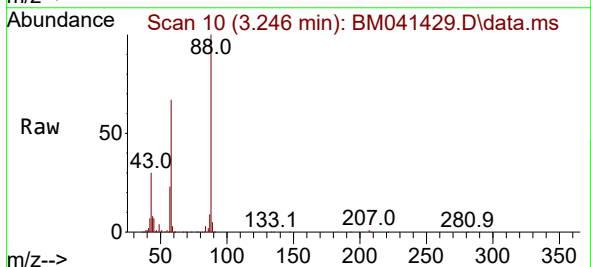
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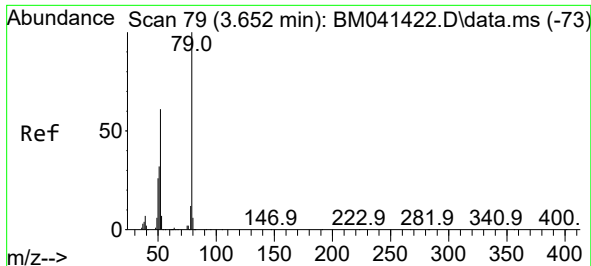
Tgt Ion:152 Resp: 160708
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 58.5 46.6 70.0



#2
1,4-Dioxane
Concen: 41.390 ng
RT: 3.246 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion: 88 Resp: 169876
Ion Ratio Lower Upper
88 100
58 67.4 55.1 82.7
43 30.5 23.2 34.8



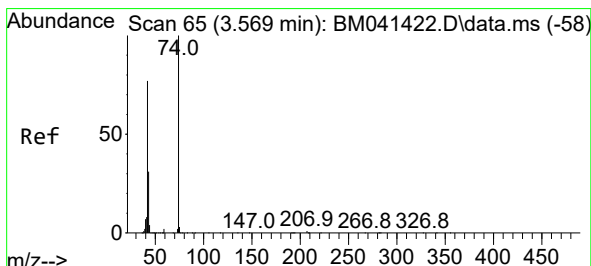
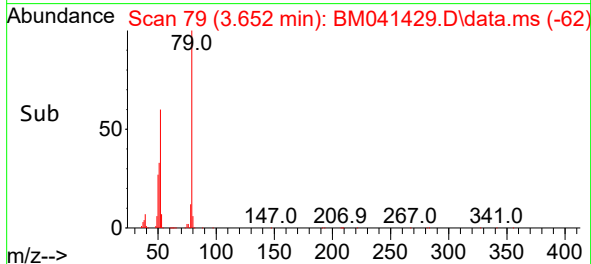
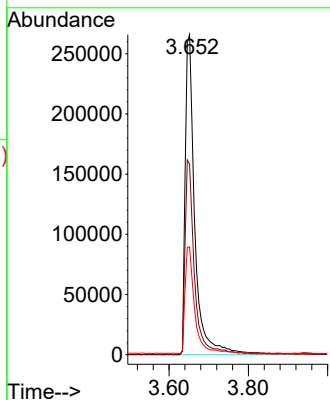
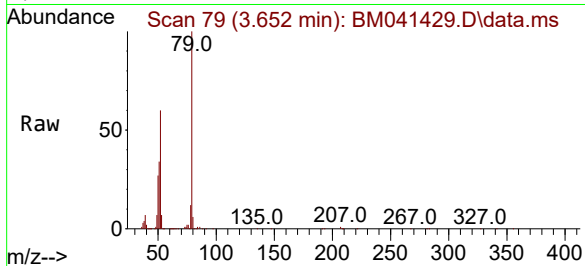


#3
 Pyridine
 Concen: 41.442 ng
 RT: 3.652 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BM041429.D
 Acq: 17 Aug 2023 09:32

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 79 Resp: 449383

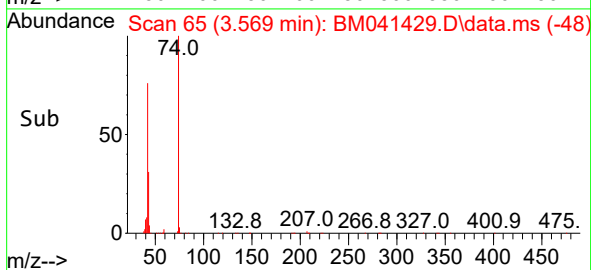
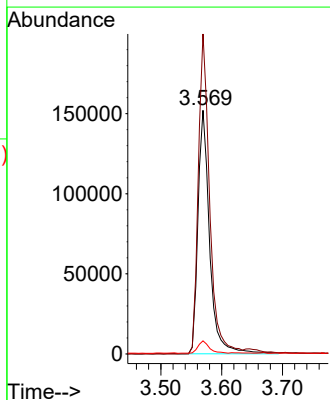
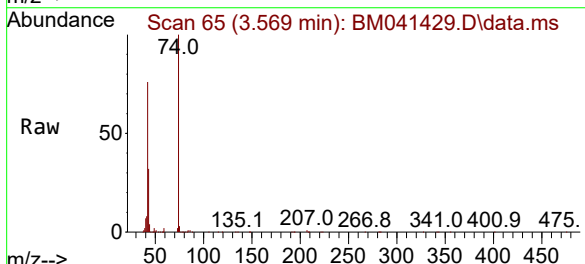
Ion	Ratio	Lower	Upper
79	100		
52	59.6	49.0	73.4
51	33.7	26.1	39.1

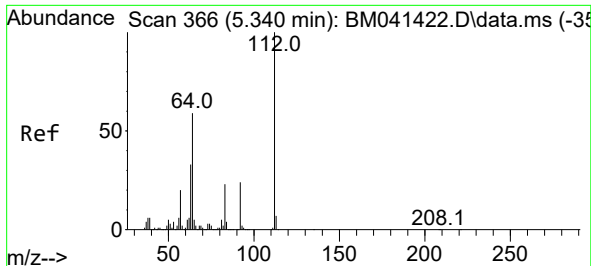


#4
 n-Nitrosodimethylamine
 Concen: 40.486 ng
 RT: 3.569 min Scan# 65
 Delta R.T. 0.000 min
 Lab File: BM041429.D
 Acq: 17 Aug 2023 09:32

Tgt Ion: 42 Resp: 202420

Ion	Ratio	Lower	Upper
42	100		
74	131.4	104.1	156.1
44	5.4	4.6	6.8

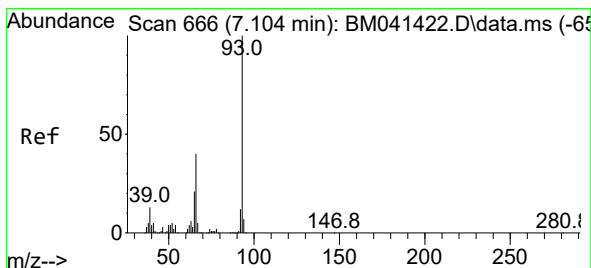
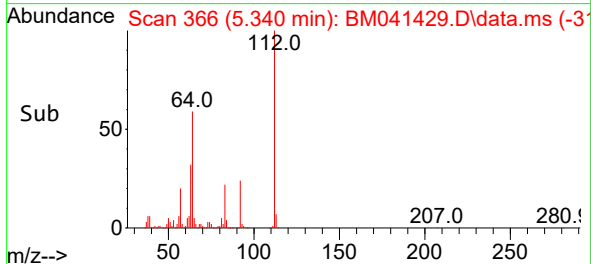
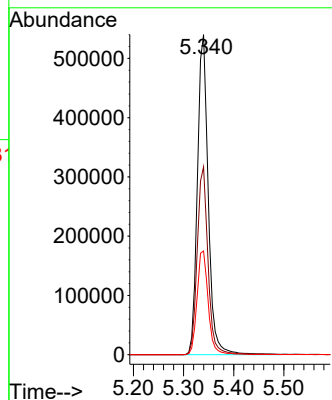
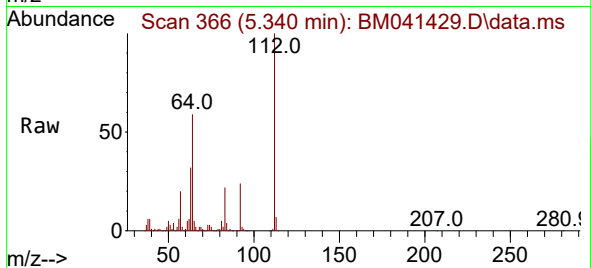




#5
2-Fluorophenol
Concen: 83.767 ng
RT: 5.340 min Scan# 366
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

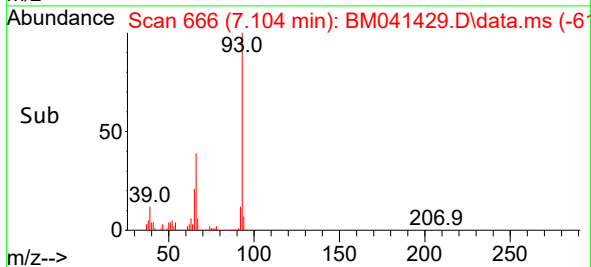
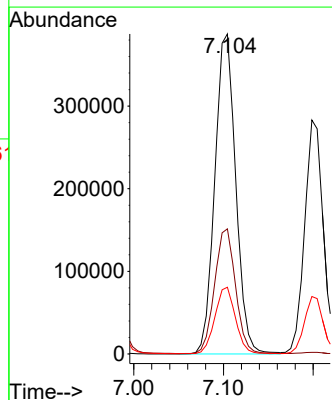
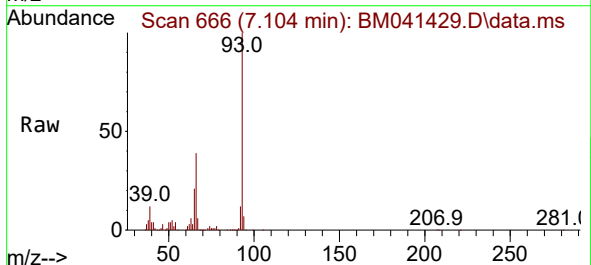
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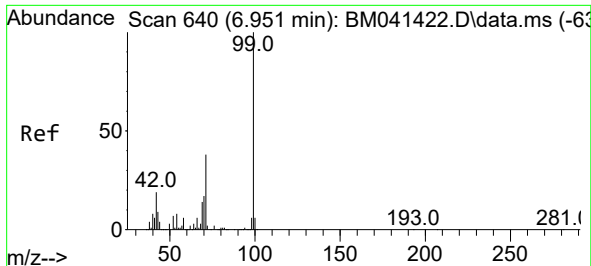
Tgt Ion:112 Resp: 809222
Ion Ratio Lower Upper
112 100
64 58.7 47.3 70.9
63 32.4 26.5 39.7



#6
Aniline
Concen: 40.198 ng
RT: 7.104 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion: 93 Resp: 627035
Ion Ratio Lower Upper
93 100
66 39.1 31.8 47.8
65 20.9 16.8 25.2

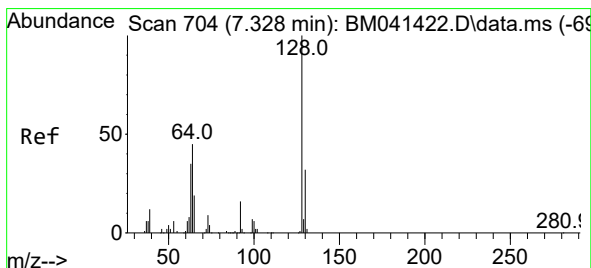
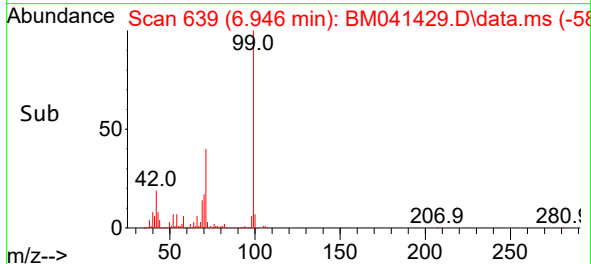
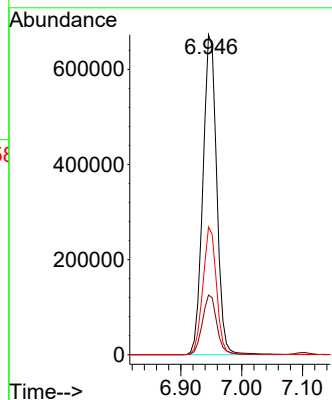
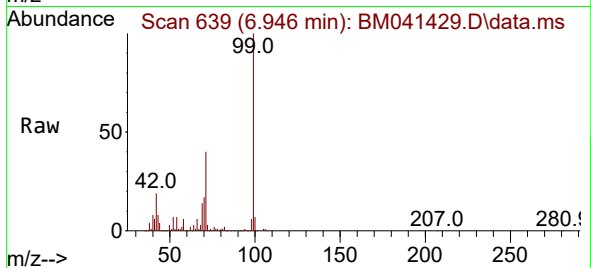




#7
Phenol-d6
Concen: 81.147 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

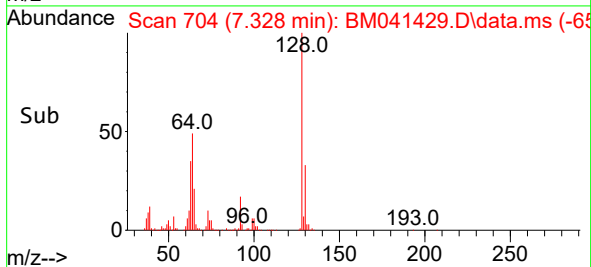
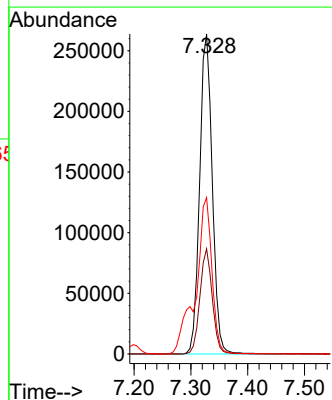
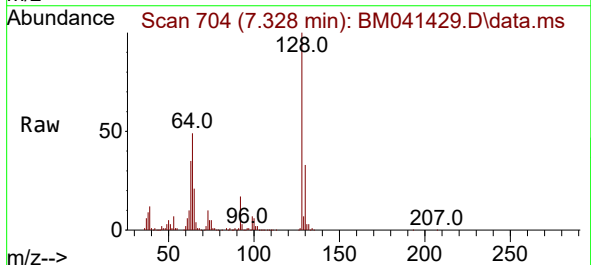
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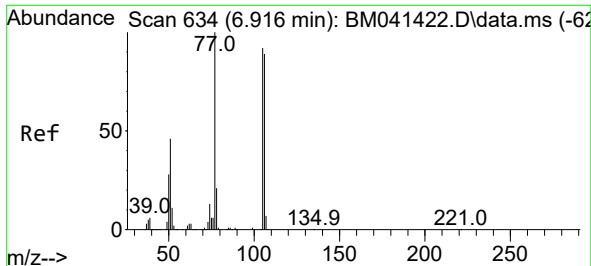
Tgt Ion: 99 Resp: 1064467
Ion Ratio Lower Upper
99 100
42 18.7 15.2 22.8
71 39.9 30.7 46.1



#8
2-Chlorophenol
Concen: 40.859 ng
RT: 7.328 min Scan# 704
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion: 128 Resp: 407806
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 48.9 28.8 68.8

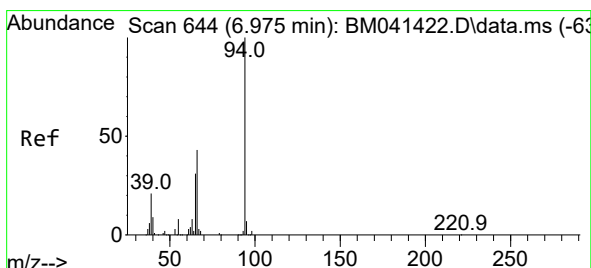
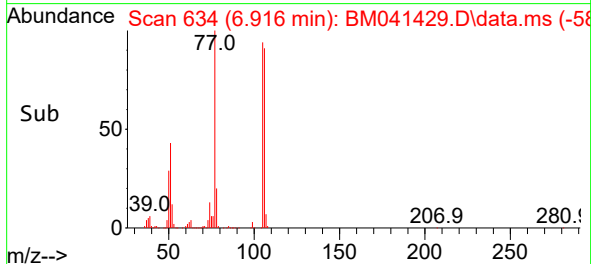
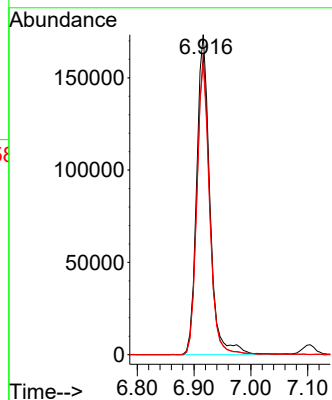
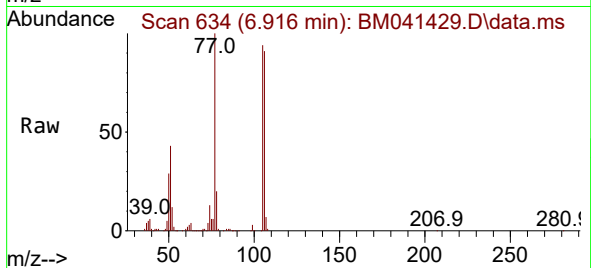




#9
Benzaldehyde
Concen: 38.936 ng
RT: 6.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

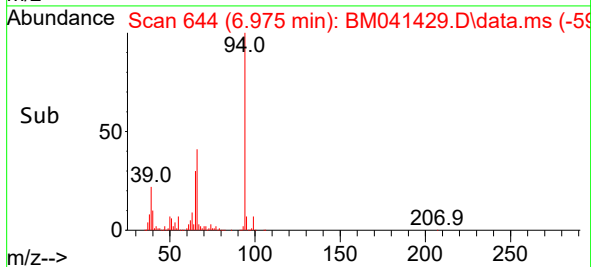
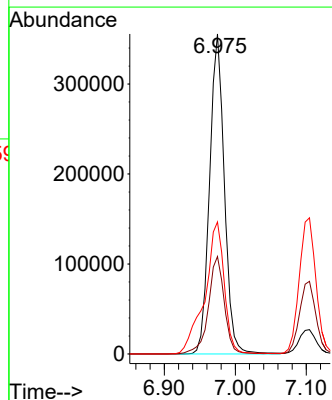
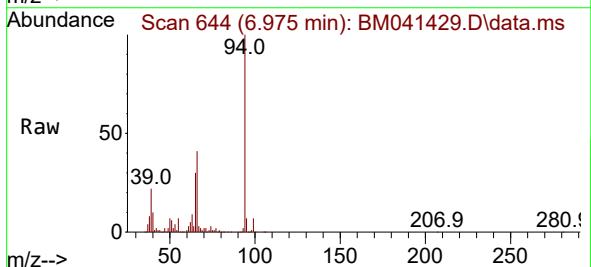
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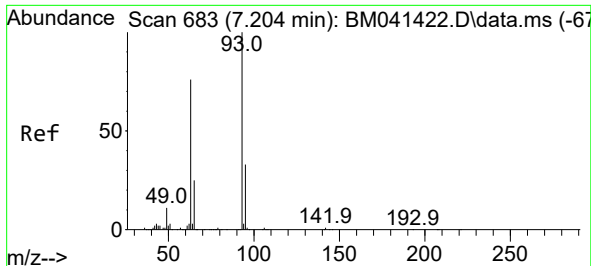
Tgt Ion: 77 Resp: 281993
Ion Ratio Lower Upper
77 100
105 93.9 71.7 111.7
106 91.0 68.6 108.6



#10
Phenol
Concen: 40.607 ng
RT: 6.975 min Scan# 644
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion: 94 Resp: 514646
Ion Ratio Lower Upper
94 100
65 30.5 11.0 51.0
66 41.2 23.9 63.9

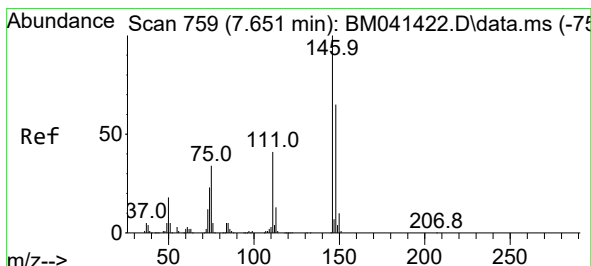
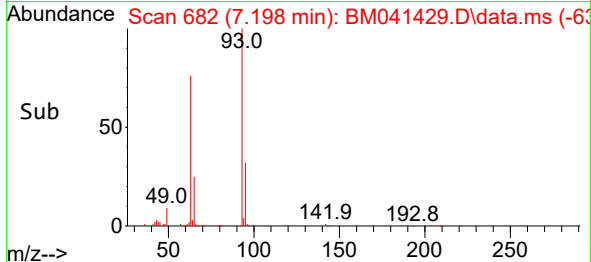
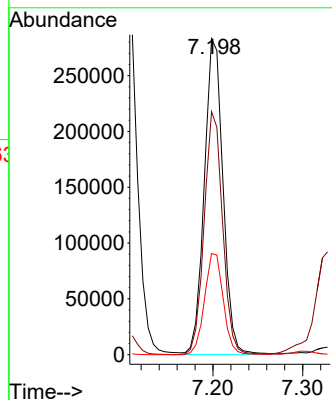
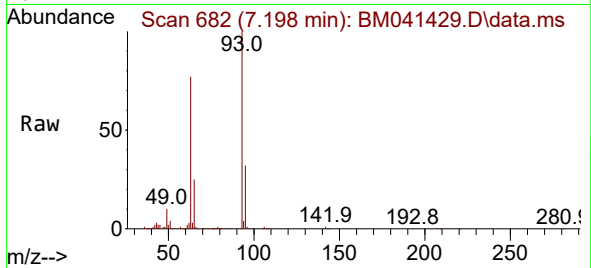




#11
bis(2-Chloroethyl)ether
Concen: 40.459 ng
RT: 7.198 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

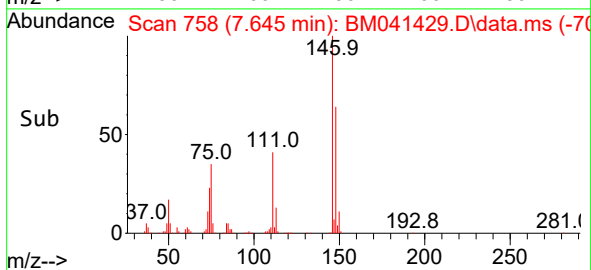
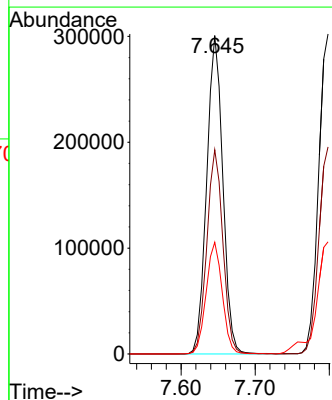
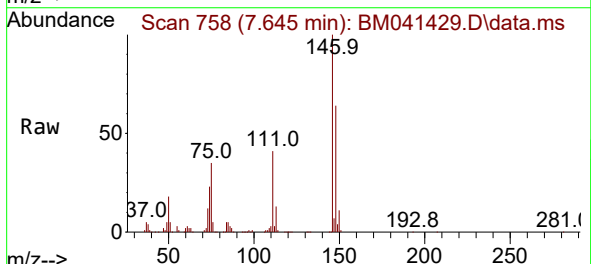
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

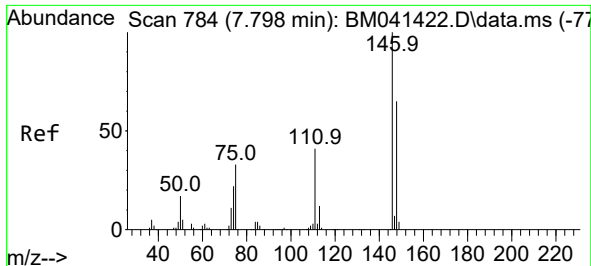
Tgt Ion: 93 Resp: 410211
Ion Ratio Lower Upper
93 100
63 76.9 55.2 95.2
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.911 ng
RT: 7.645 min Scan# 758
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:146 Resp: 453823
Ion Ratio Lower Upper
146 100
148 64.1 52.3 78.5
75 35.1 27.6 41.4

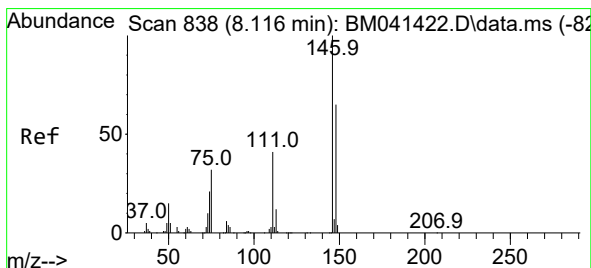
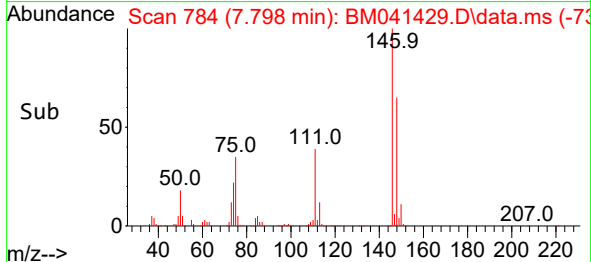
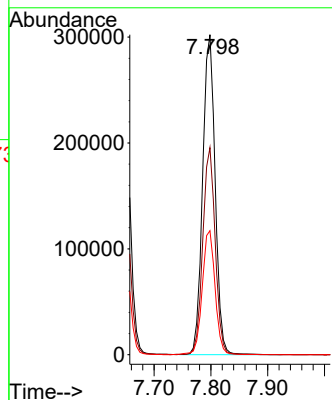
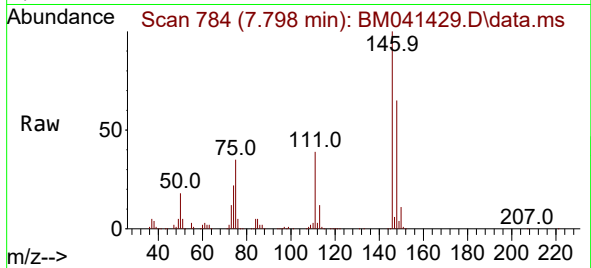




#13
1,4-Dichlorobenzene
Concen: 41.120 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

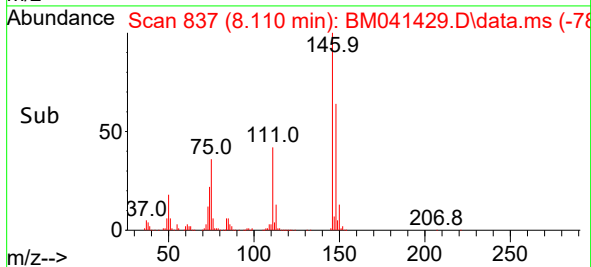
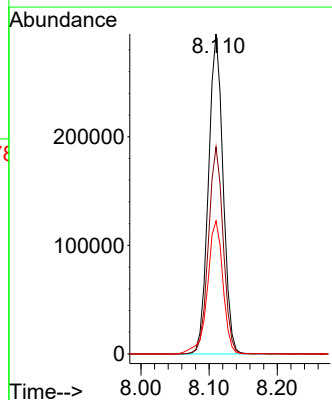
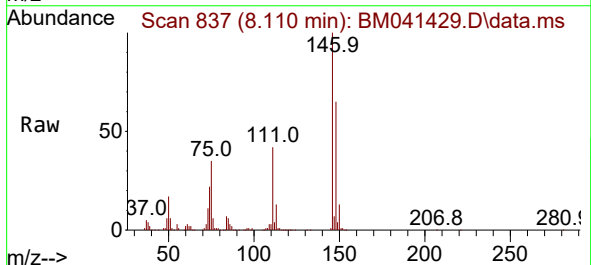
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

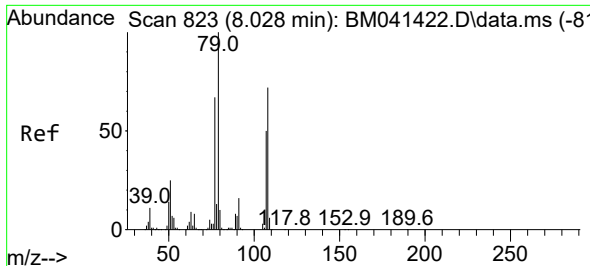
Tgt Ion:146 Resp: 461179
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.4
111 38.7 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 40.676 ng
RT: 8.110 min Scan# 837
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:146 Resp: 440341
Ion Ratio Lower Upper
146 100
148 64.7 52.0 78.0
111 41.6 33.4 50.0

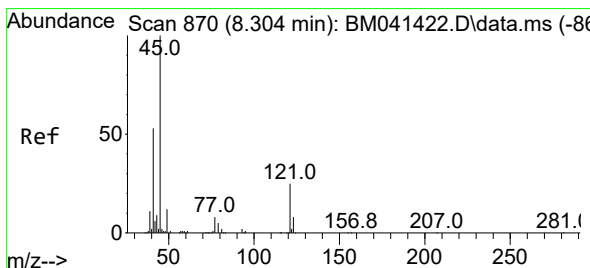
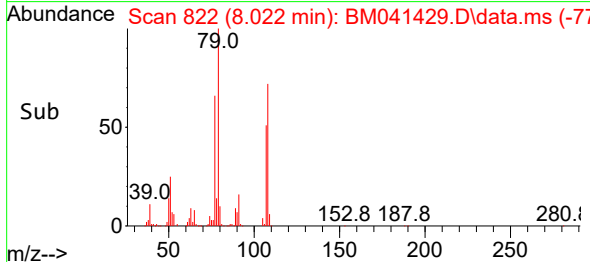
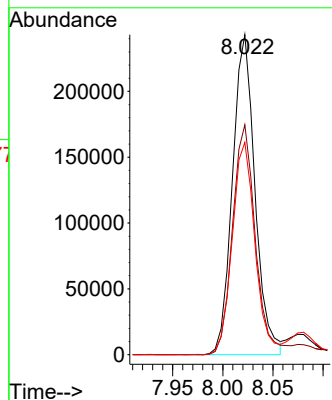
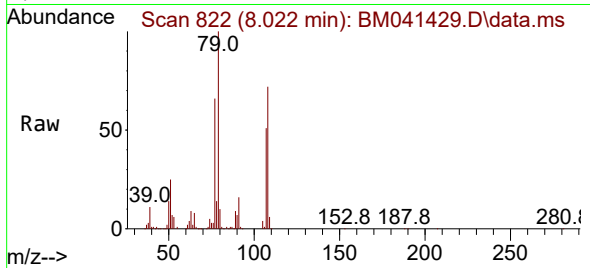




#15
Benzyl Alcohol
Concen: 40.692 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

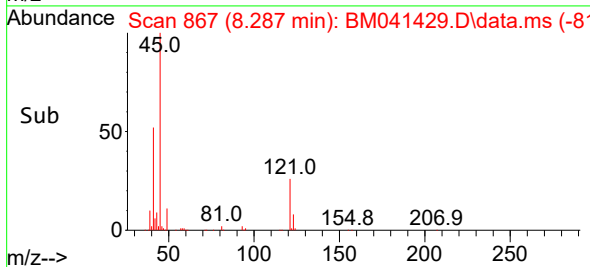
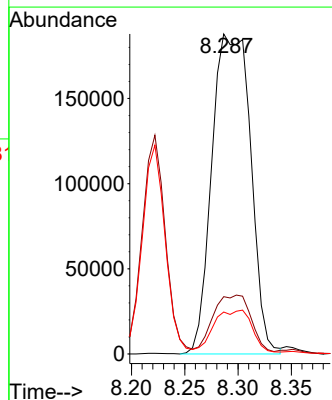
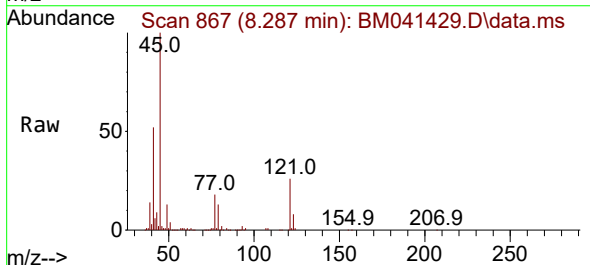
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

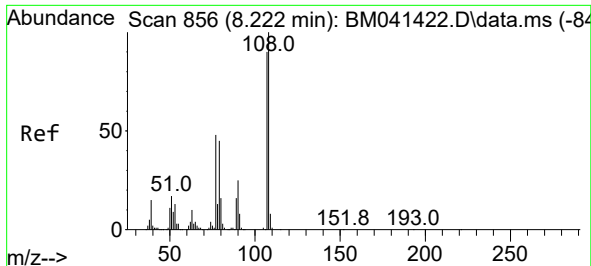
Tgt Ion: 79 Resp: 378949
Ion Ratio Lower Upper
79 100
108 71.8 57.8 86.8
77 66.4 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.922 ng
RT: 8.287 min Scan# 867
Delta R.T. -0.018 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion: 45 Resp: 473474
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.3
79 13.1 0.0 33.8

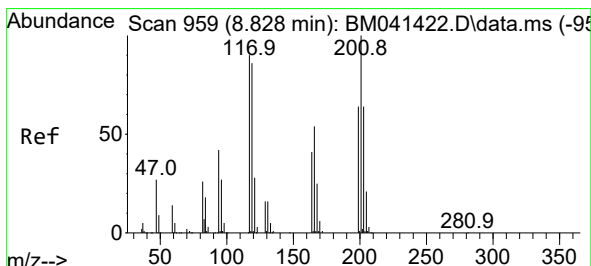
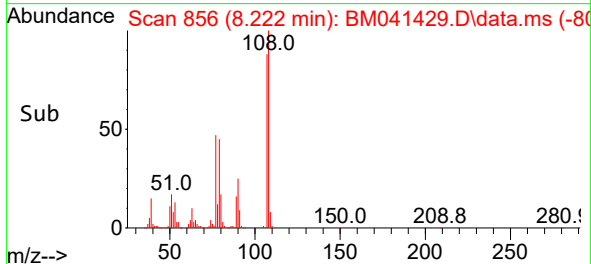
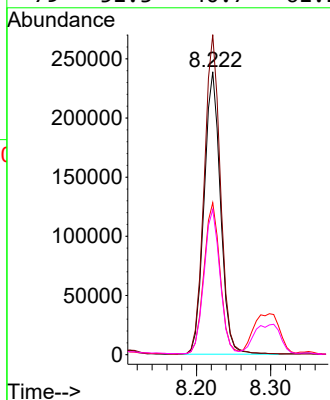
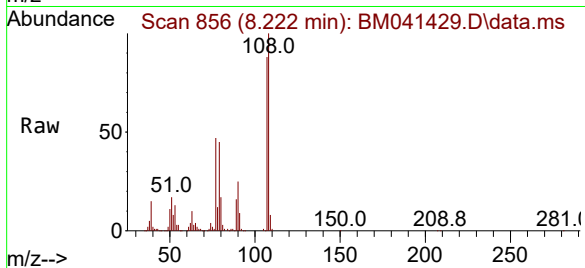




#17
2-Methylphenol
Concen: 40.385 ng
RT: 8.222 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

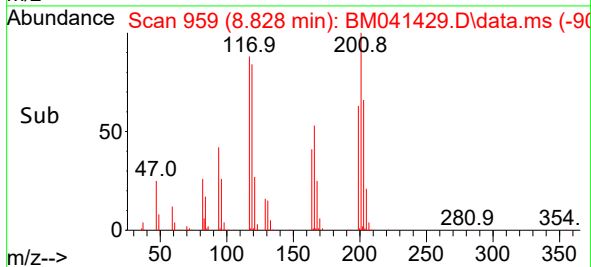
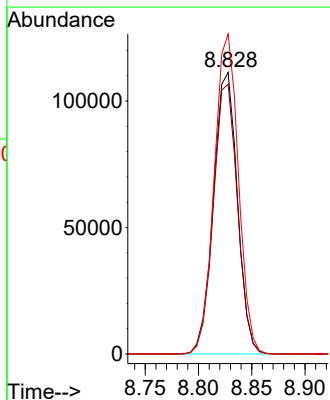
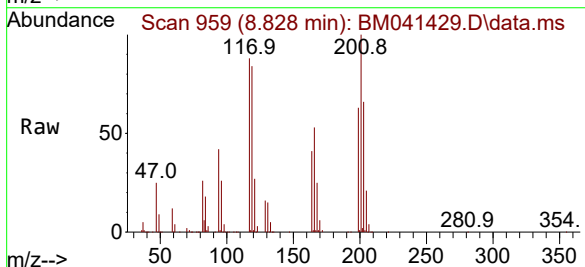
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

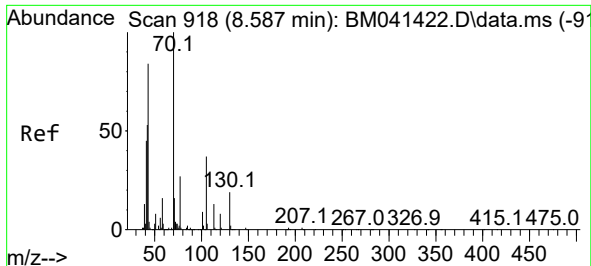
Tgt Ion:107 Resp: 365883
Ion Ratio Lower Upper
107 100
108 113.1 89.2 133.8
77 53.7 43.4 65.0
79 51.3 40.7 61.1



#18
Hexachloroethane
Concen: 40.823 ng
RT: 8.828 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:117 Resp: 173863
Ion Ratio Lower Upper
117 100
119 95.8 76.3 114.5
201 113.6 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 38.453 ng

RT: 8.587 min Scan# 918

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 346045

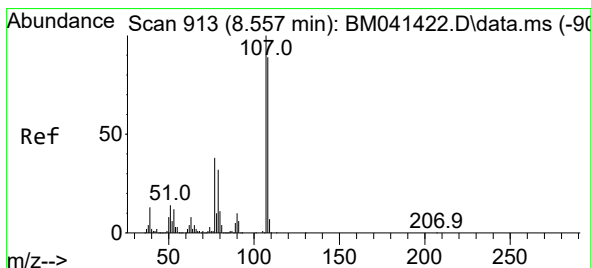
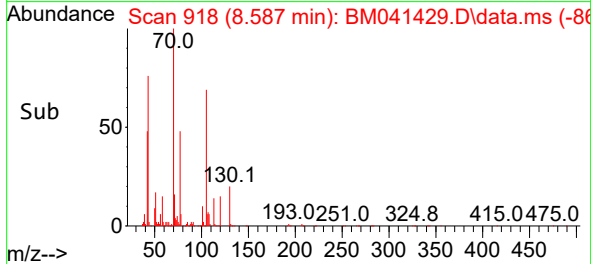
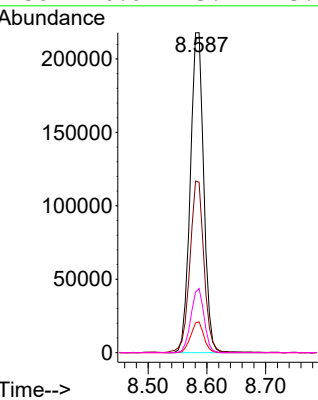
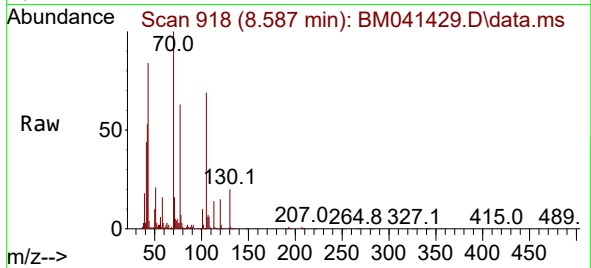
Ion Ratio Lower Upper

70 100

42 53.2 42.6 63.8

101 9.7 7.4 11.0

130 20.0 15.4 23.0



#20

3+4-Methylphenols

Concen: 40.083 ng

RT: 8.557 min Scan# 913

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Tgt Ion: 107 Resp: 498758

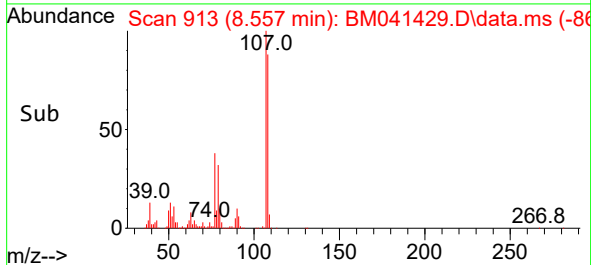
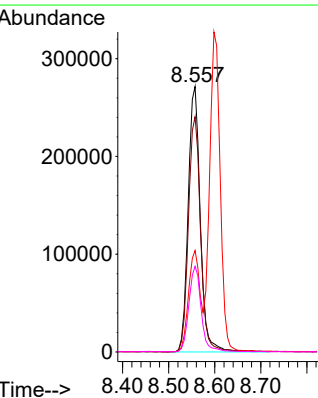
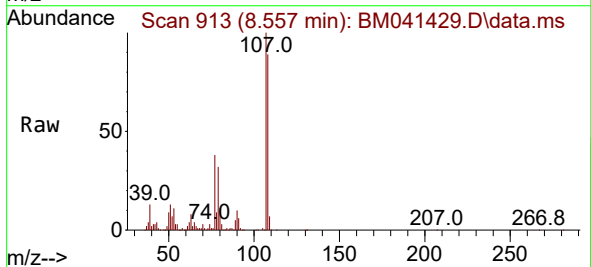
Ion Ratio Lower Upper

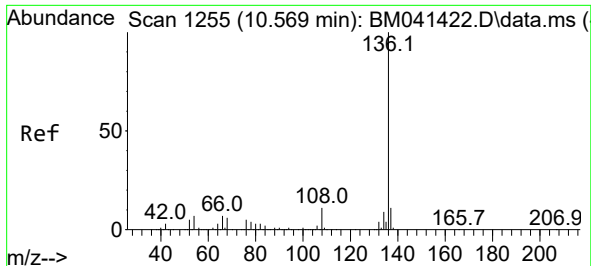
107 100

108 88.6 68.7 108.7

77 38.2 18.1 58.1

79 32.3 12.0 52.0

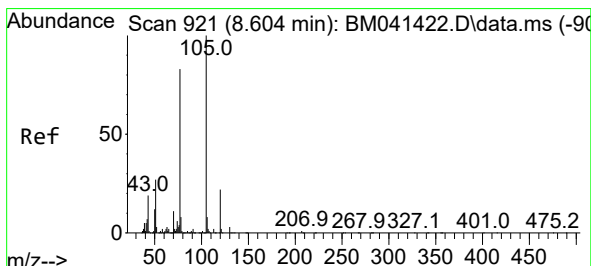
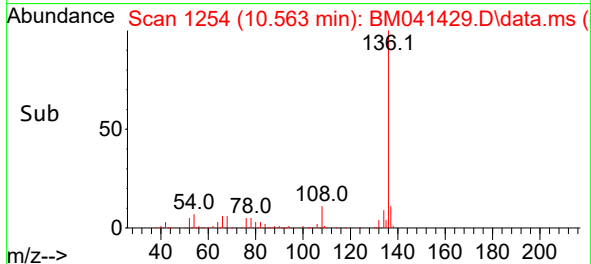
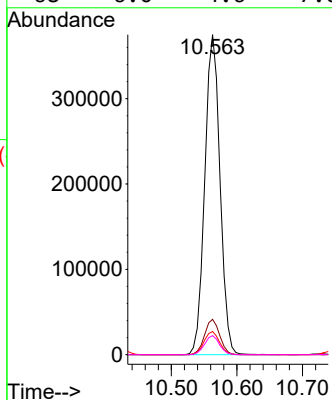
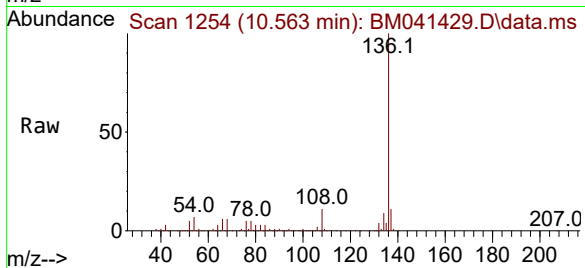




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

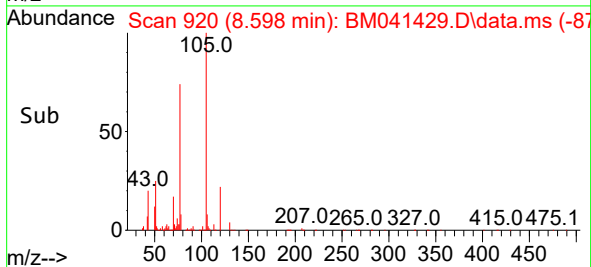
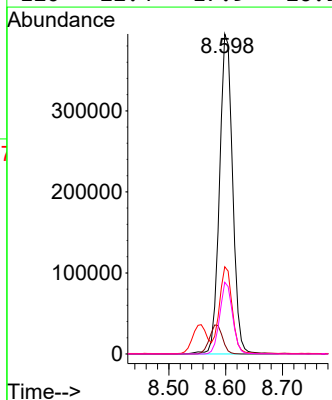
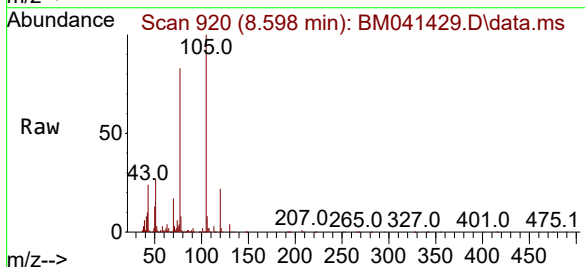
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

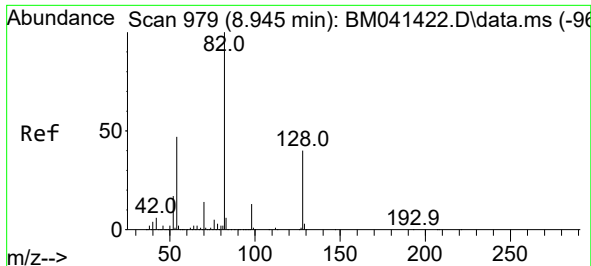
Tgt Ion:136 Resp: 606070
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.2 5.7 8.5
68 6.0 4.6 7.0



#22
Acetophenone
Concen: 40.650 ng
RT: 8.598 min Scan# 920
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:105 Resp: 634879
Ion Ratio Lower Upper
105 100
71 3.0 1.4 2.2#
51 27.2 21.7 32.5
120 22.4 17.9 26.9





#23

Nitrobenzene-d5

Concen: 81.357 ng

RT: 8.939 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

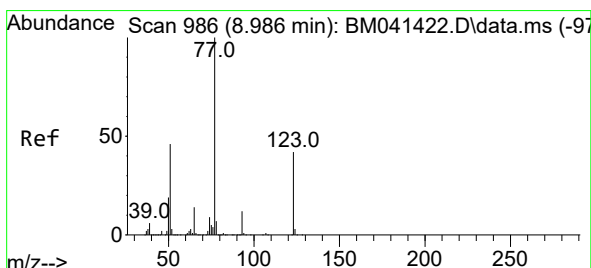
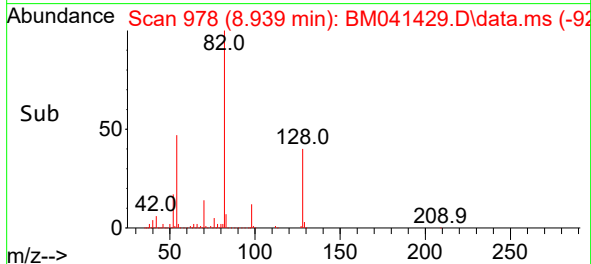
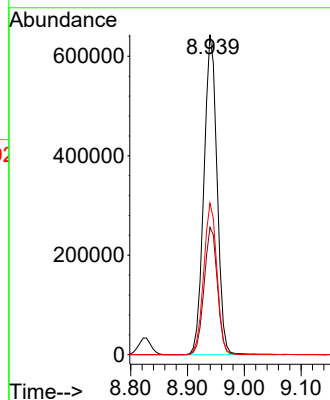
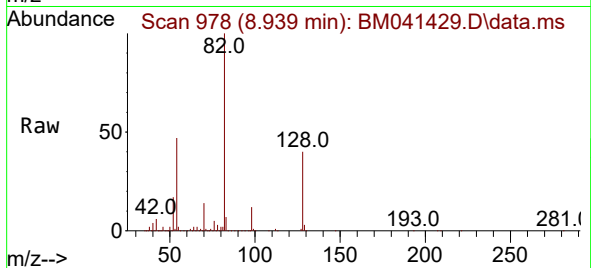
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1032926

Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.2	48.4
54	47.3	37.5	56.3



#24

Nitrobenzene

Concen: 41.269 ng

RT: 8.981 min Scan# 985

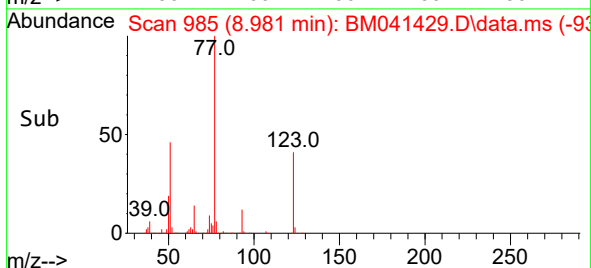
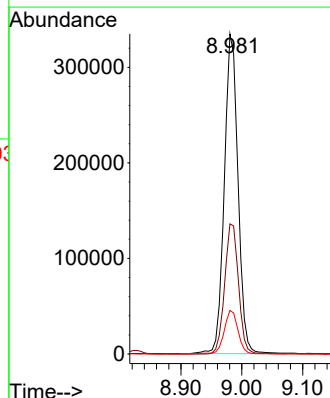
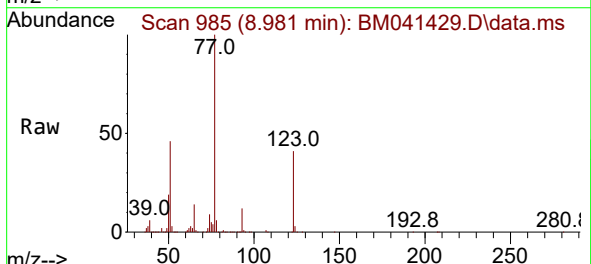
Delta R.T. -0.006 min

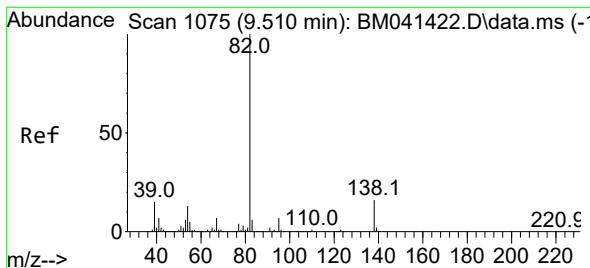
Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Tgt Ion: 77 Resp: 523201

Ion	Ratio	Lower	Upper
77	100		
123	40.7	33.5	50.3
65	13.6	11.0	16.6





#25

Isophorone

Concen: 39.231 ng

RT: 9.504 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

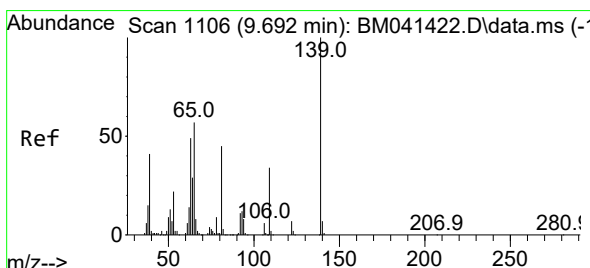
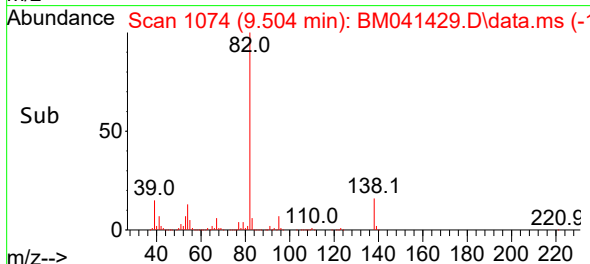
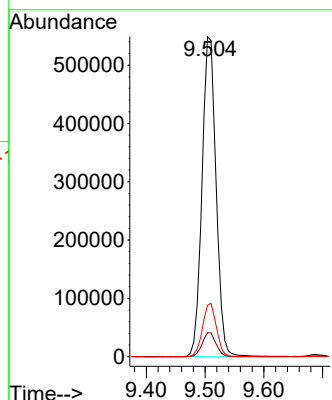
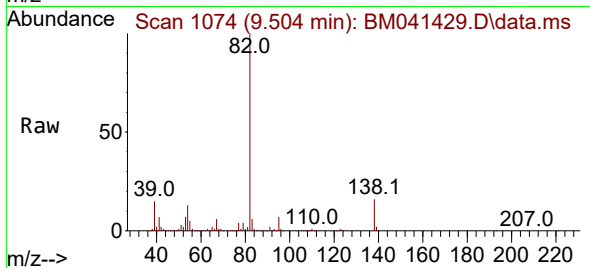
Tgt Ion: 82 Resp: 911697

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 16.1 12.9 19.3



#26

2-Nitrophenol

Concen: 41.930 ng

RT: 9.687 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

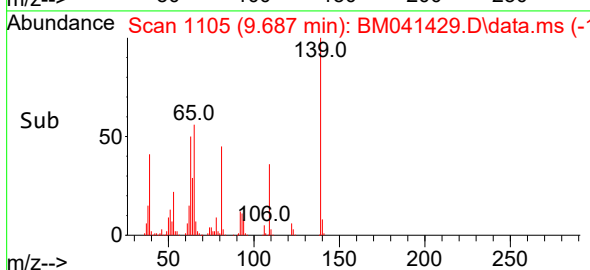
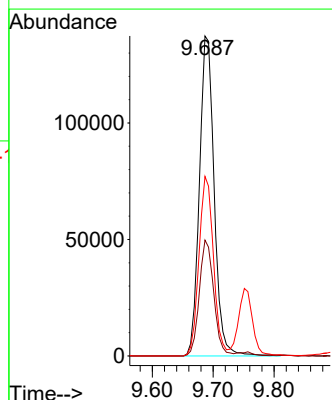
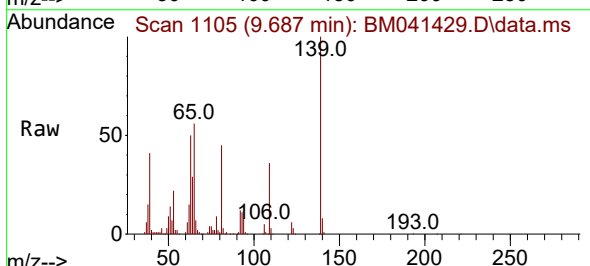
Tgt Ion: 139 Resp: 232098

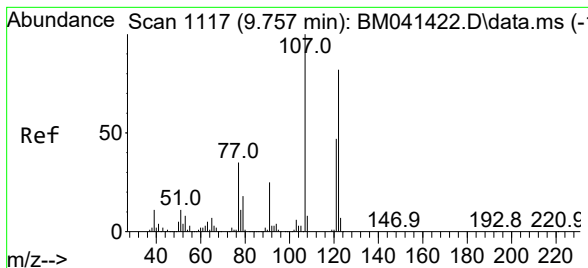
Ion Ratio Lower Upper

139 100

109 36.2 27.4 41.2

65 56.1 45.3 67.9

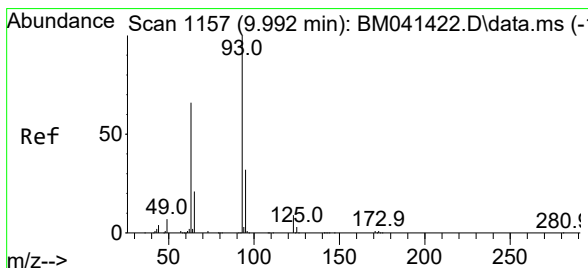
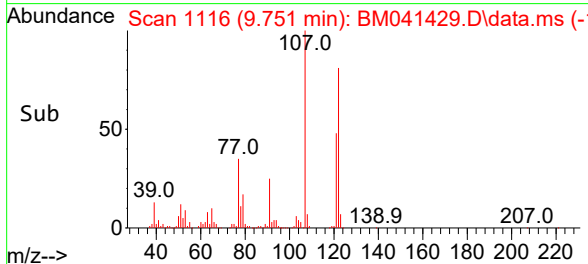
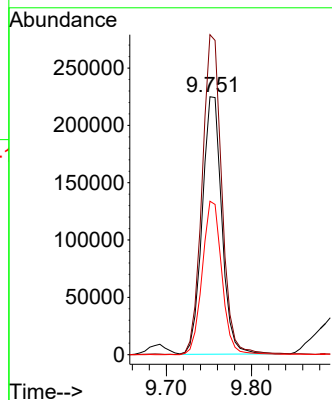
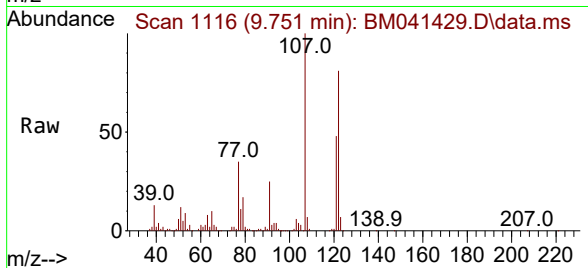




#27
2,4-Dimethylphenol
Concen: 40.214 ng
RT: 9.751 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

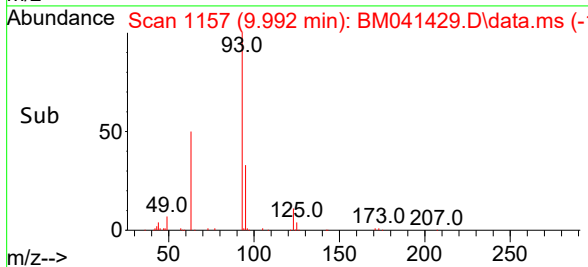
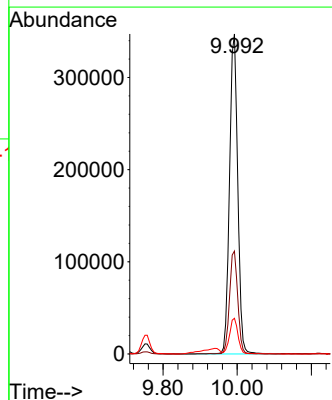
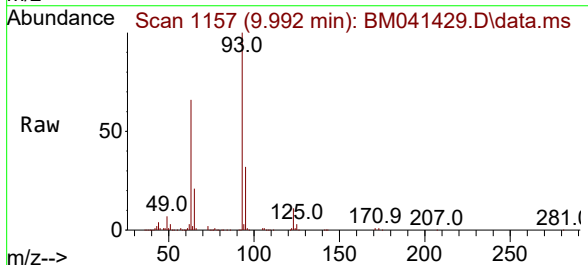
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

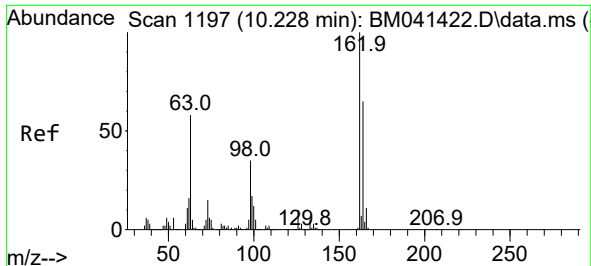
Tgt Ion:122 Resp: 358425
Ion Ratio Lower Upper
122 100
107 124.1 96.7 145.1
121 59.5 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.626 ng
RT: 9.992 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion: 93 Resp: 536000
Ion Ratio Lower Upper
93 100
95 32.2 25.5 38.3
123 11.2 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 41.117 ng

RT: 10.222 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

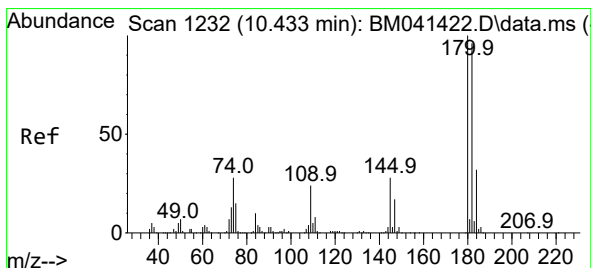
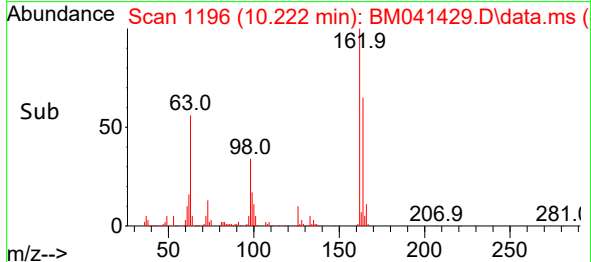
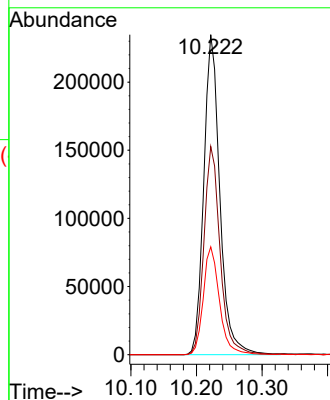
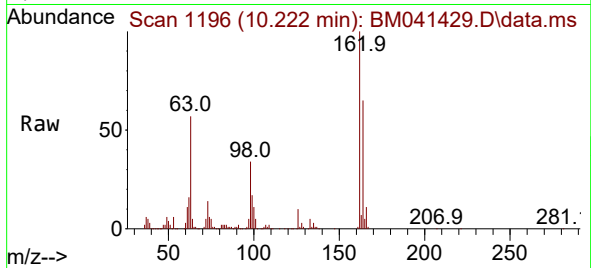
Tgt Ion:162 Resp: 401478

Ion Ratio Lower Upper

162 100

164 65.1 44.6 84.6

98 33.7 14.6 54.6



#30

1,2,4-Trichlorobenzene

Concen: 41.636 ng

RT: 10.428 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

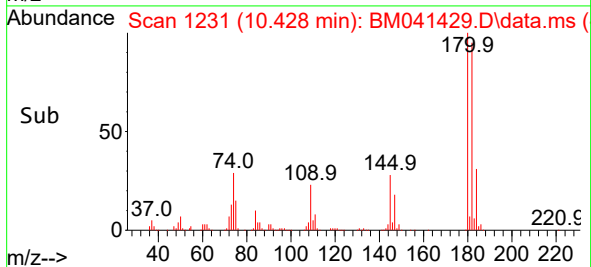
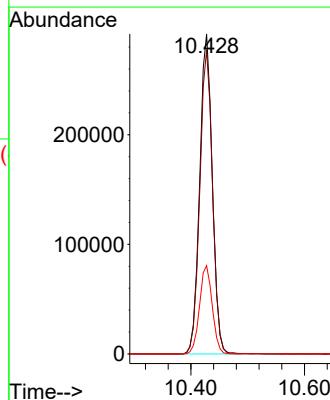
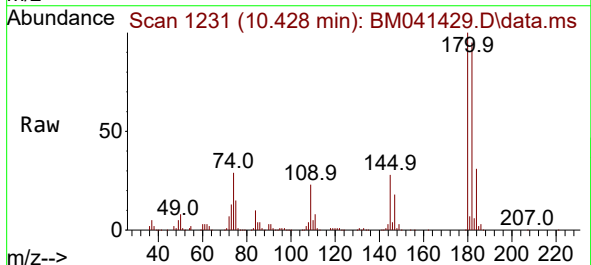
Tgt Ion:180 Resp: 451406

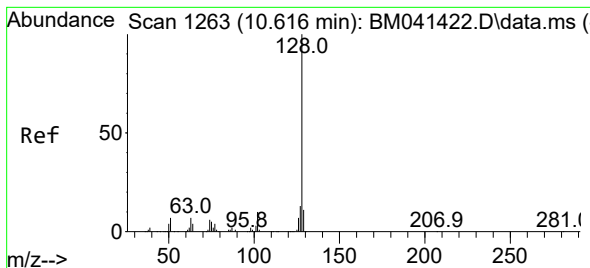
Ion Ratio Lower Upper

180 100

182 94.9 76.6 114.8

145 27.6 22.4 33.6





#31

Naphthalene

Concen: 40.276 ng

RT: 10.616 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

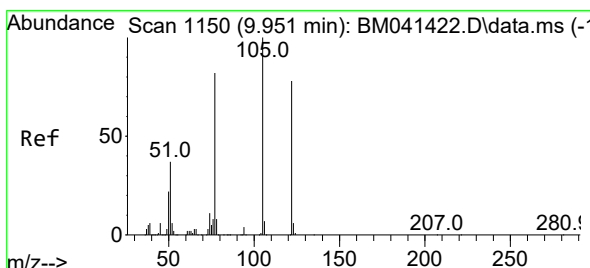
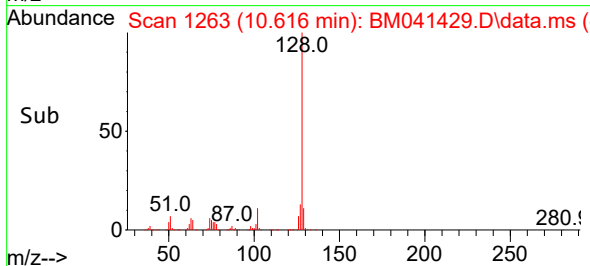
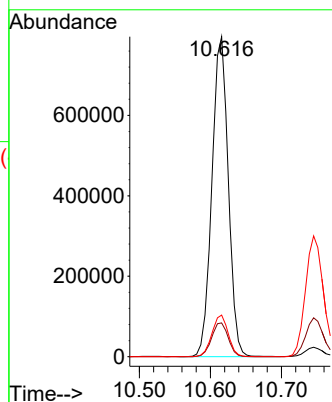
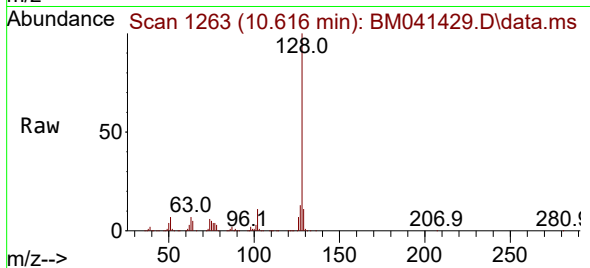
Tgt Ion:128 Resp: 1269149

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

127 13.0 10.6 15.8



#32

Benzoic acid

Concen: 38.342 ng

RT: 9.945 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

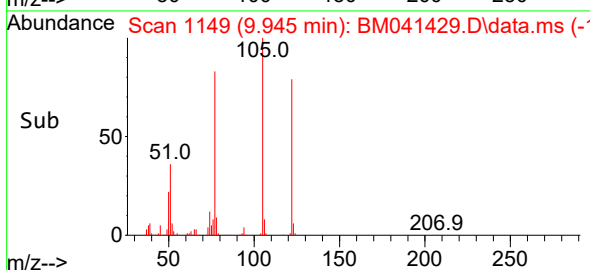
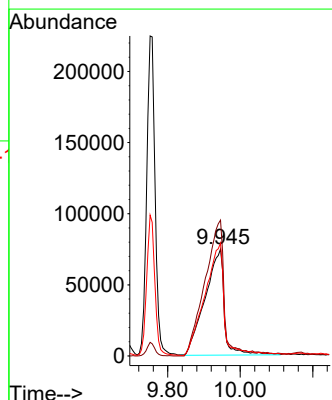
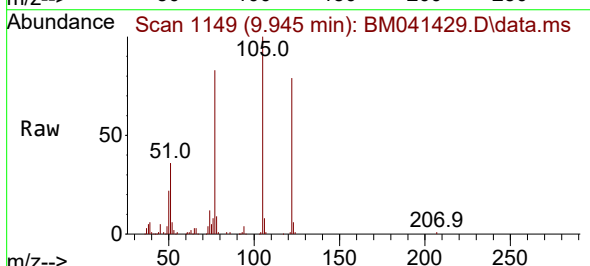
Tgt Ion:122 Resp: 274474

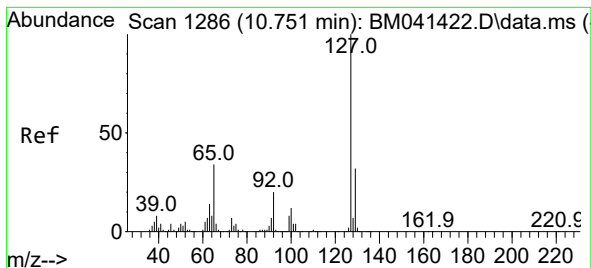
Ion Ratio Lower Upper

122 100

105 127.2 107.1 147.1

77 105.8 84.8 124.8





#33

4-Chloroaniline

Concen: 40.487 ng

RT: 10.745 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 538622

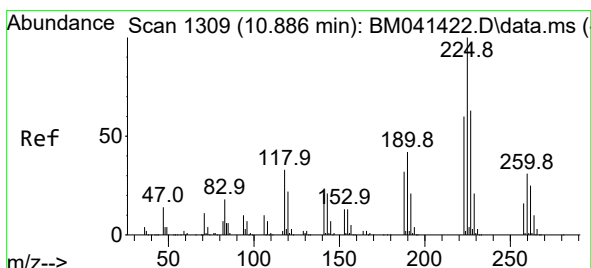
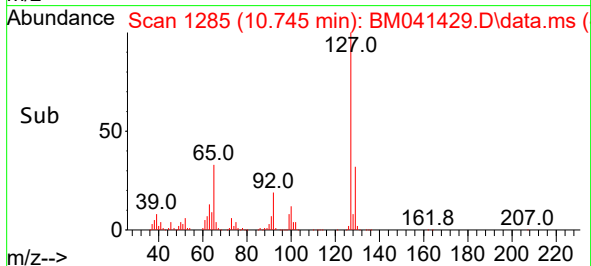
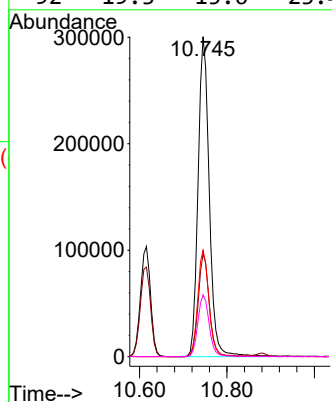
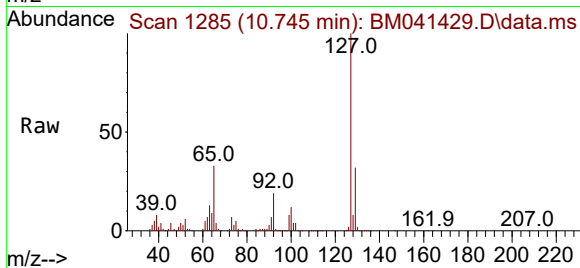
Ion Ratio Lower Upper

127 100

129 32.2 25.4 38.2

65 33.3 27.1 40.7

92 19.3 15.6 23.4



#34

Hexachlorobutadiene

Concen: 41.670 ng

RT: 10.881 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

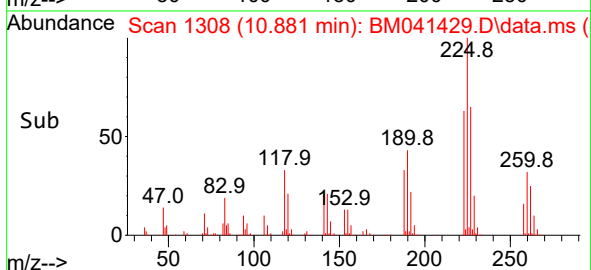
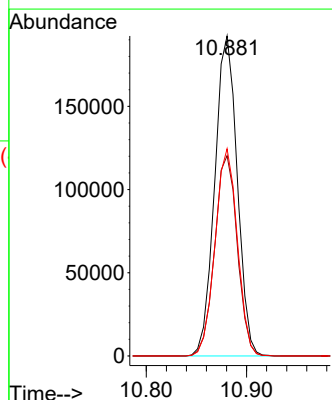
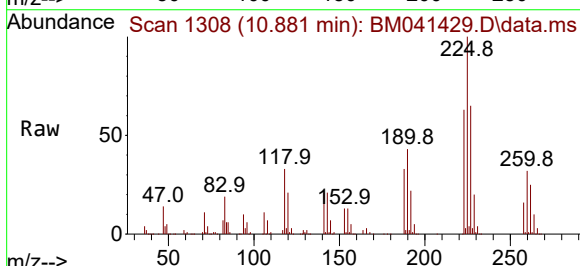
Tgt Ion:225 Resp: 298774

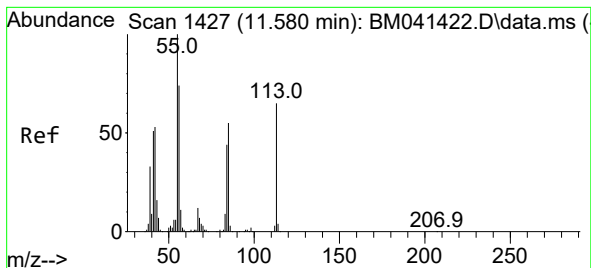
Ion Ratio Lower Upper

225 100

223 62.6 48.1 72.1

227 64.7 50.4 75.6





#35

Caprolactam

Concen: 36.396 ng

RT: 11.575 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

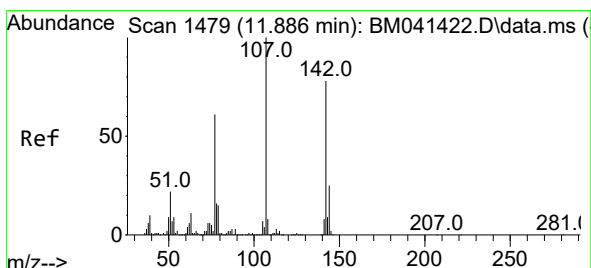
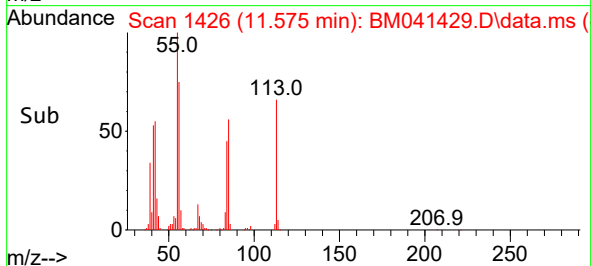
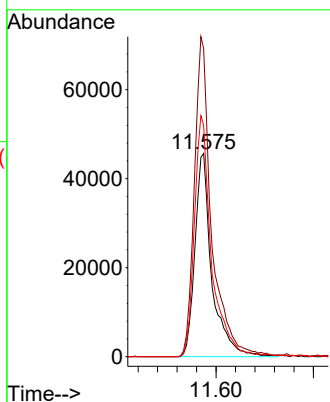
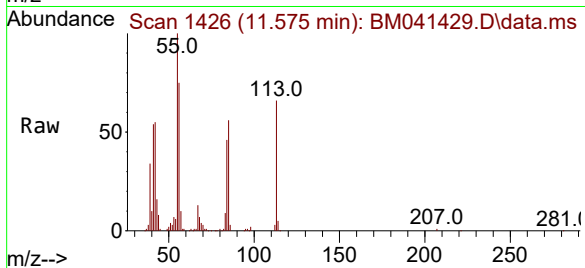
Tgt Ion:113 Resp: 110172

Ion Ratio Lower Upper

113 100

55 151.6 135.3 175.3

56 113.9 94.4 134.4



#36

4-Chloro-3-methylphenol

Concen: 39.148 ng

RT: 11.880 min Scan# 1478

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

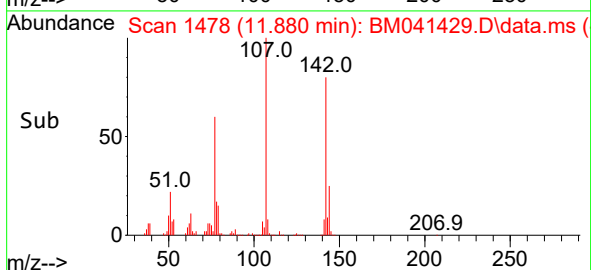
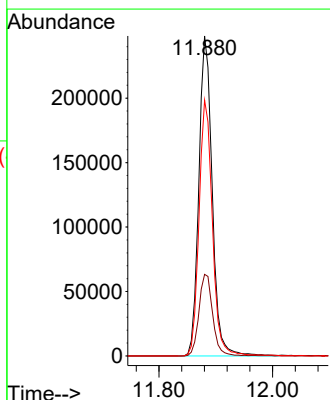
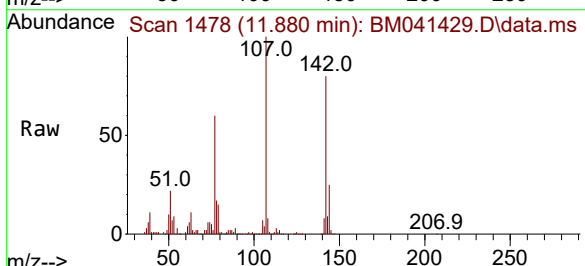
Tgt Ion:107 Resp: 406814

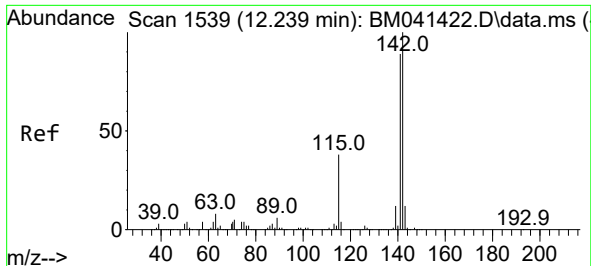
Ion Ratio Lower Upper

107 100

144 25.5 20.3 30.5

142 79.9 62.7 94.1

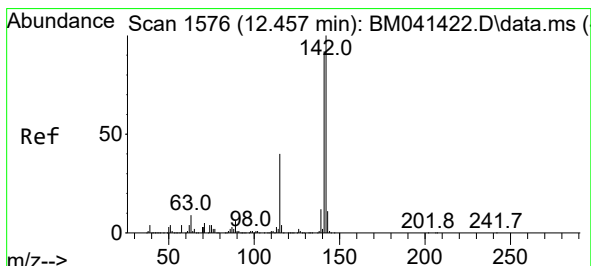
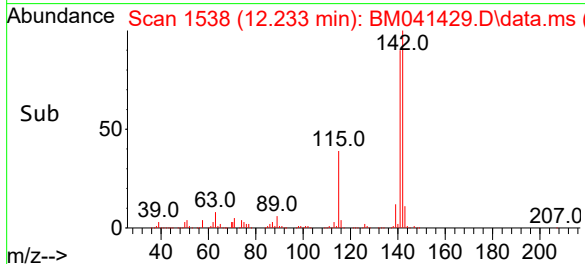
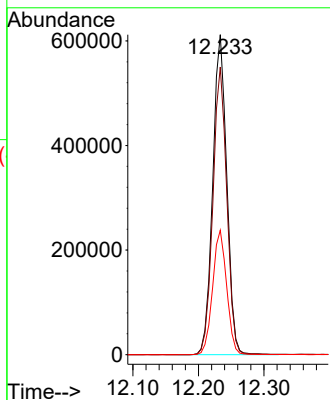
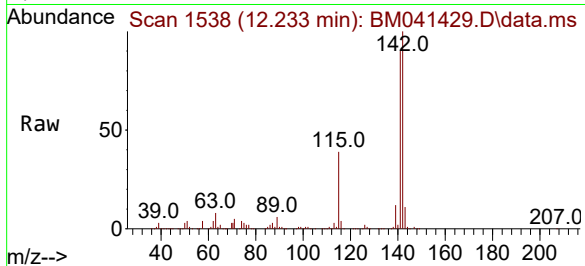




#37
2-Methylnaphthalene
Concen: 39.597 ng
RT: 12.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

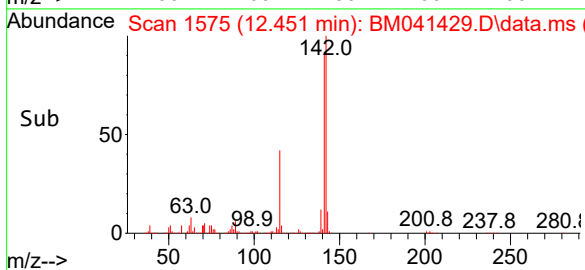
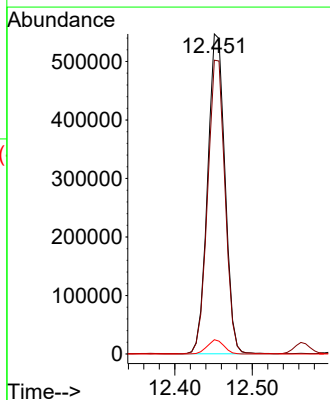
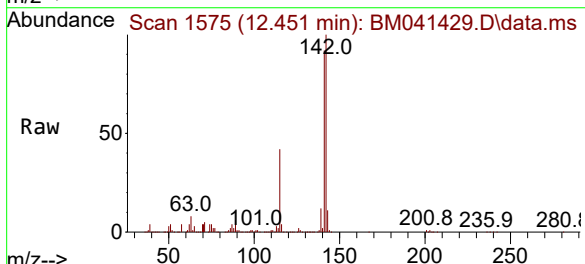
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

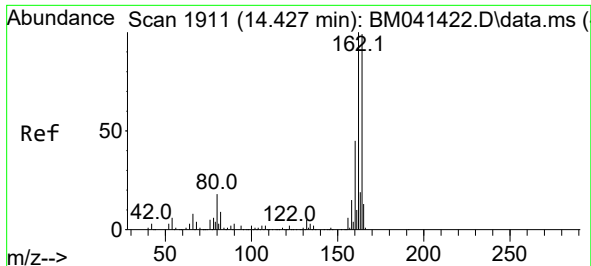
Tgt Ion:142 Resp: 907918
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.0
115 38.9 30.8 46.2



#38
1-Methylnaphthalene
Concen: 39.228 ng
RT: 12.451 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:142 Resp: 849760
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9
116 4.5 3.3 4.9

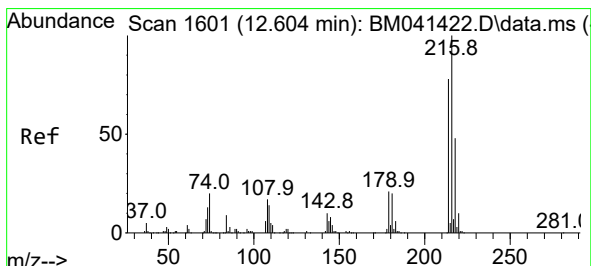
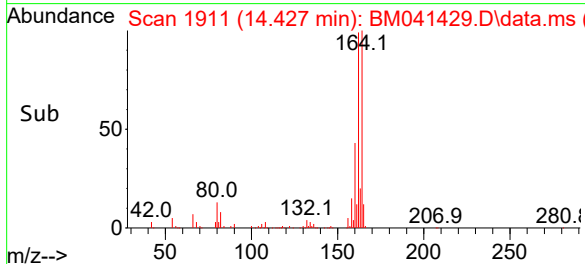
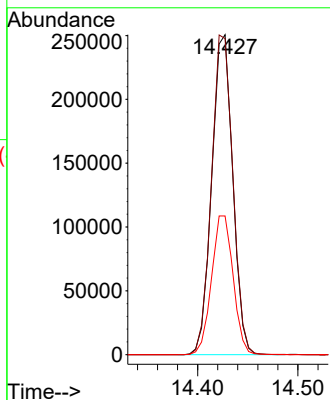
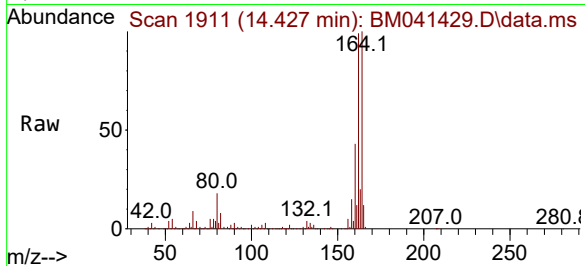




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

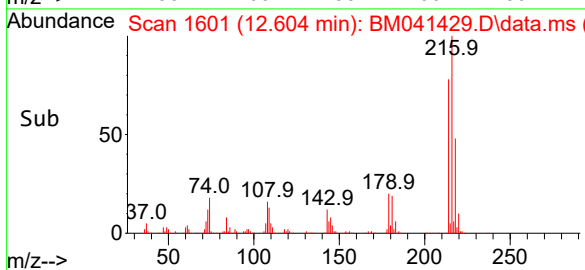
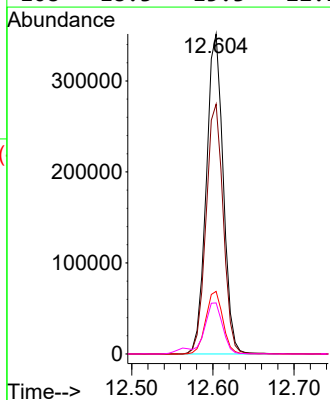
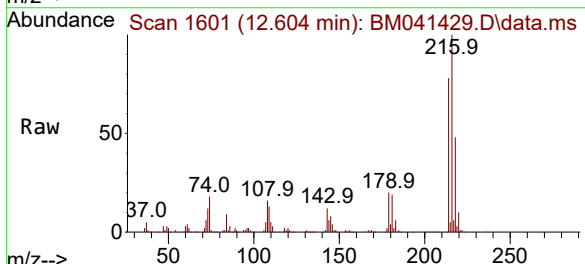
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

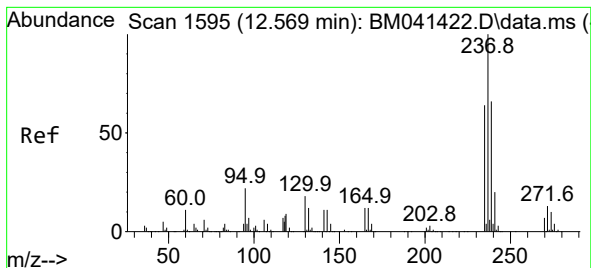
Tgt Ion:164 Resp: 363941
Ion Ratio Lower Upper
164 100
162 98.8 80.4 120.6
160 43.4 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.822 ng
RT: 12.604 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:216 Resp: 508462
Ion Ratio Lower Upper
216 100
214 79.2 62.4 93.6
179 19.8 16.2 24.4
108 18.3 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 41.275 ng

RT: 12.563 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

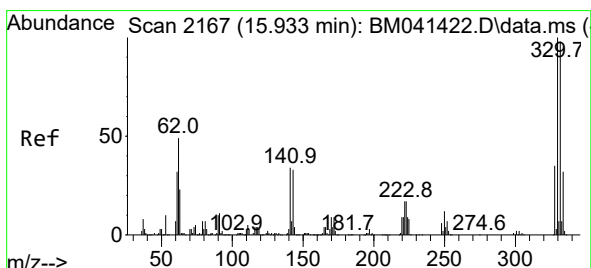
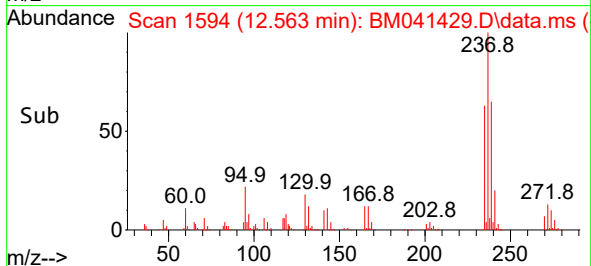
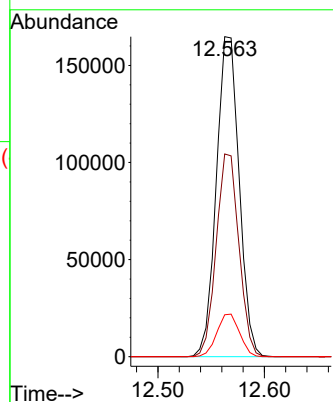
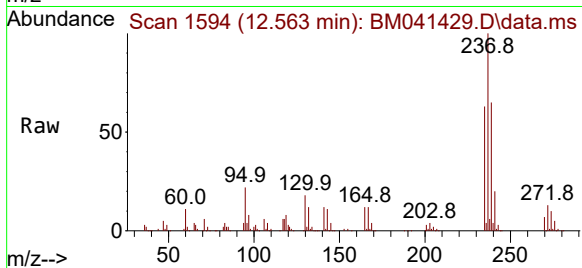
Tgt Ion:237 Resp: 244890

Ion Ratio Lower Upper

237 100

235 63.3 43.5 83.5

272 13.1 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 77.350 ng

RT: 15.927 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

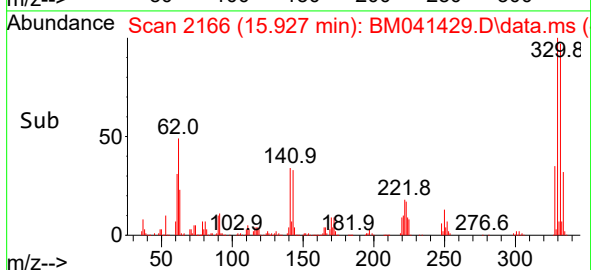
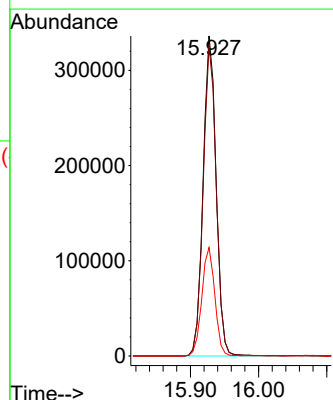
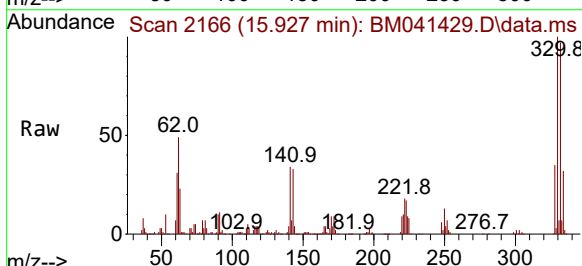
Tgt Ion:330 Resp: 446738

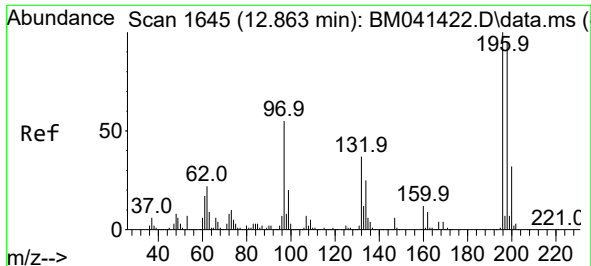
Ion Ratio Lower Upper

330 100

332 97.1 78.0 117.0

141 34.0 28.3 42.5

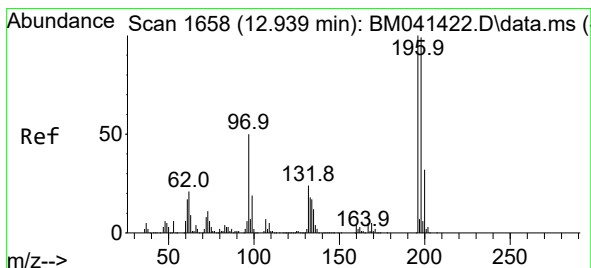
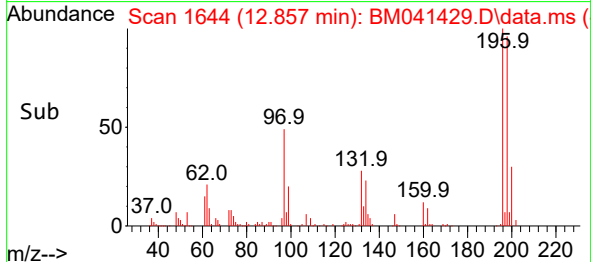
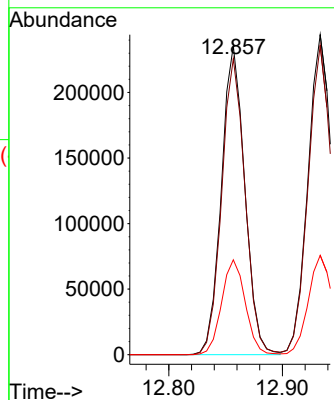
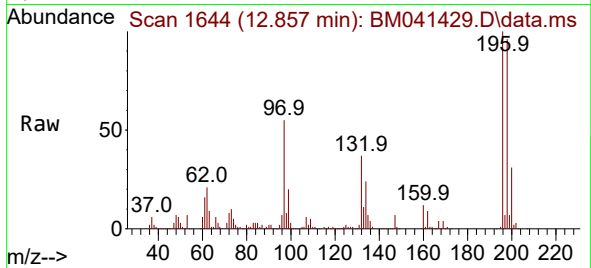




#43
2,4,6-Trichlorophenol
Concen: 42.464 ng
RT: 12.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

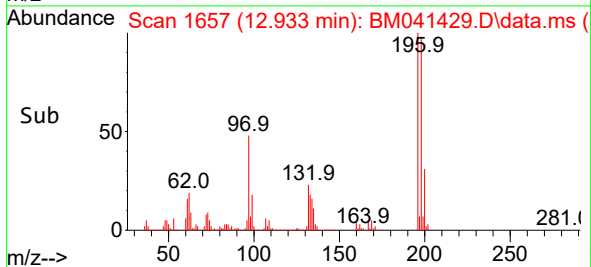
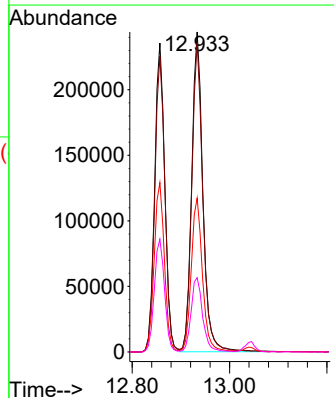
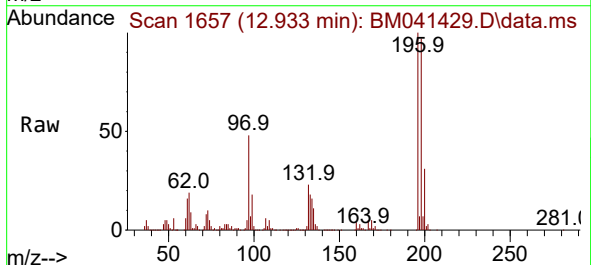
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

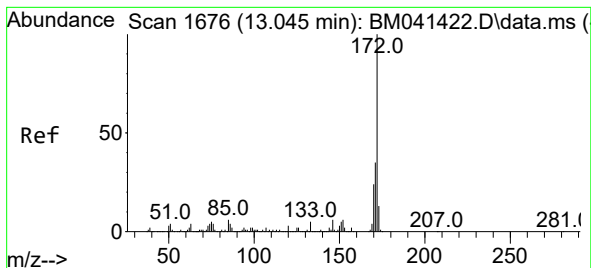
Tgt Ion:196 Resp: 337443
Ion Ratio Lower Upper
196 100
198 95.8 75.9 113.9
200 30.7 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 42.460 ng
RT: 12.933 min Scan# 1657
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:196 Resp: 390603
Ion Ratio Lower Upper
196 100
198 96.6 79.1 118.7
97 48.1 39.9 59.9
132 23.2 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 84.377 ng

RT: 13.045 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

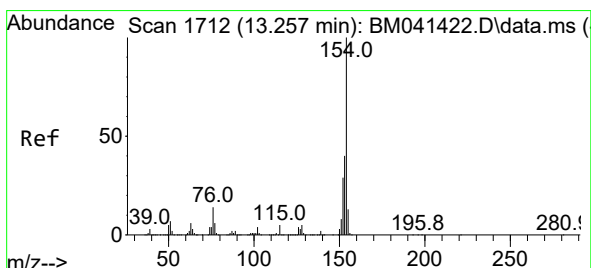
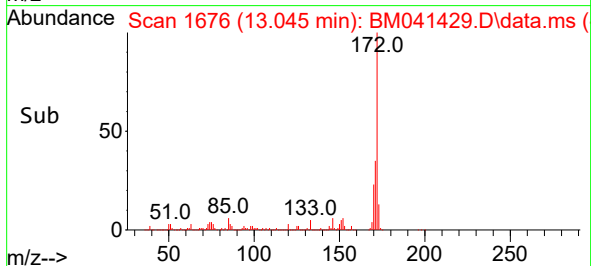
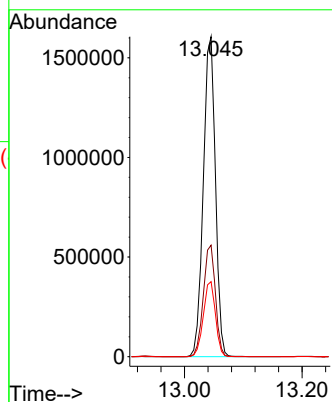
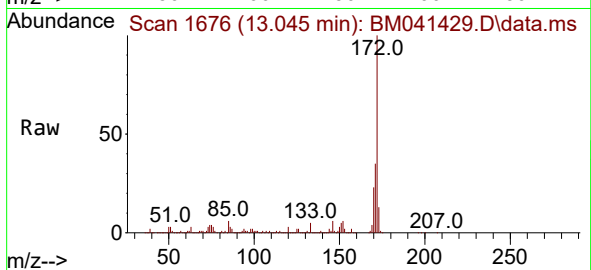
Tgt Ion:172 Resp: 2291617

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.368 ng

RT: 13.257 min Scan# 1712

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

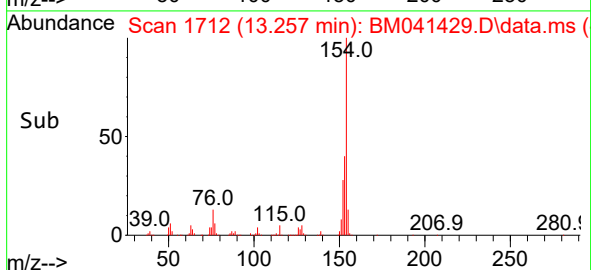
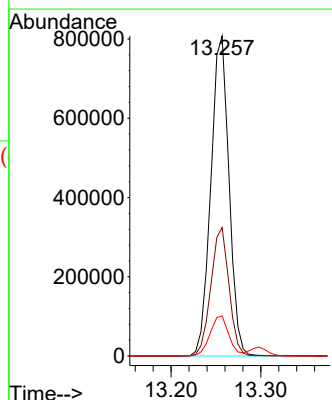
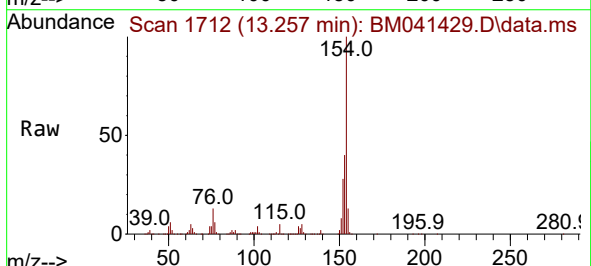
Tgt Ion:154 Resp: 1136233

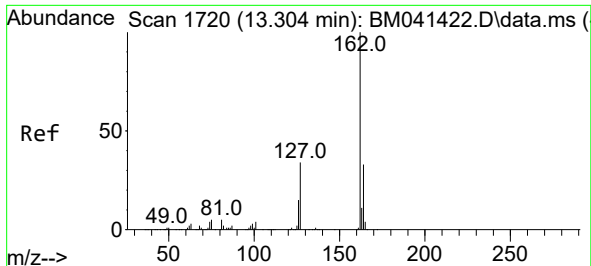
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 12.5 0.0 33.6

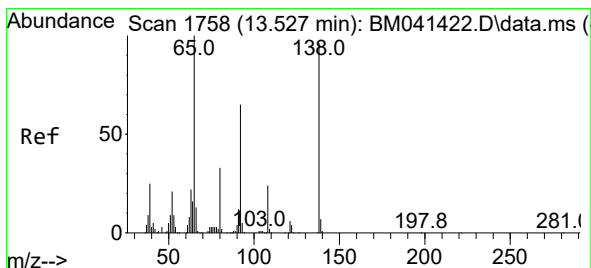
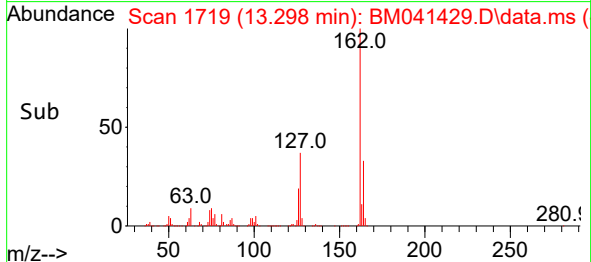
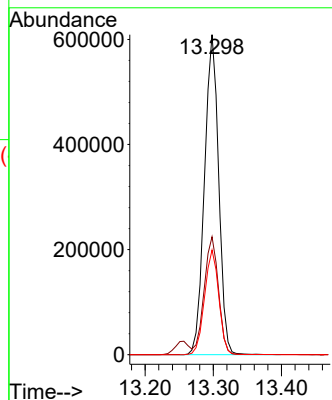
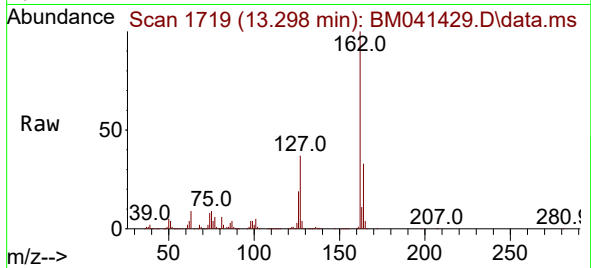




#47
2-Chloronaphthalene
Concen: 41.819 ng
RT: 13.298 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

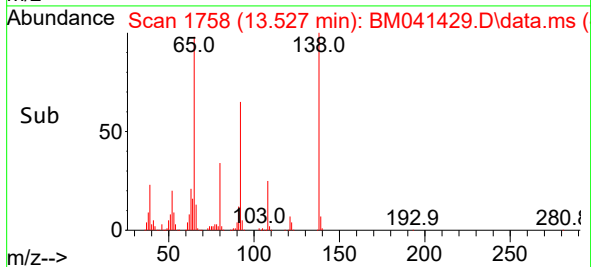
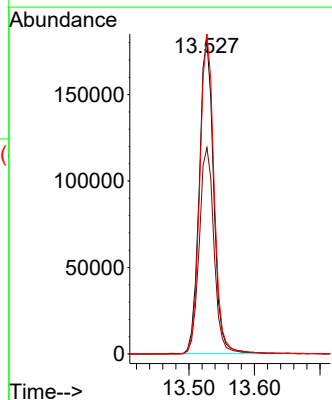
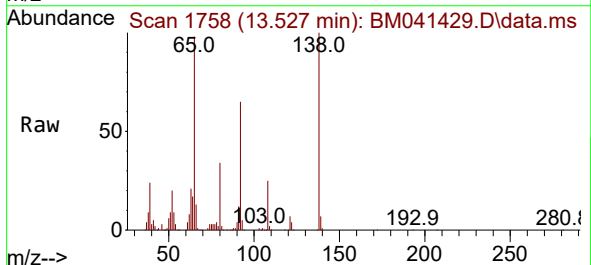
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

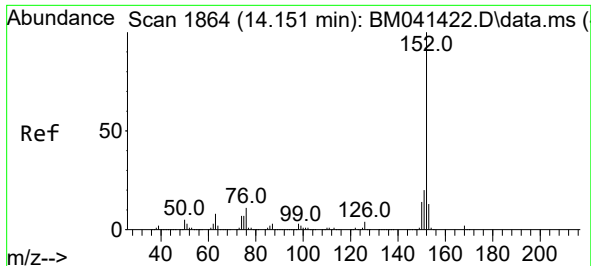
Tgt Ion:162 Resp: 882807
Ion Ratio Lower Upper
162 100
127 36.8 29.6 44.4
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 40.411 ng
RT: 13.527 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion: 65 Resp: 278748
Ion Ratio Lower Upper
65 100
92 65.9 51.9 77.9
138 102.1 76.8 115.2

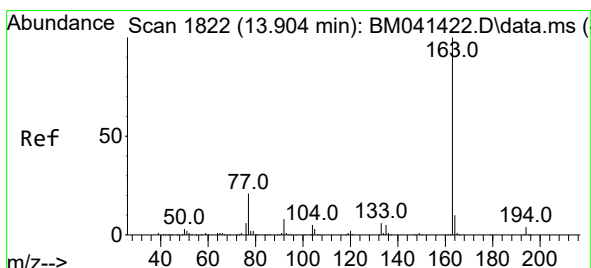
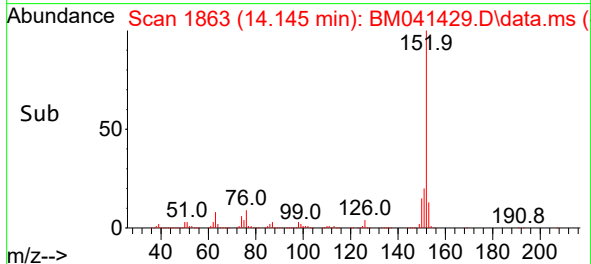
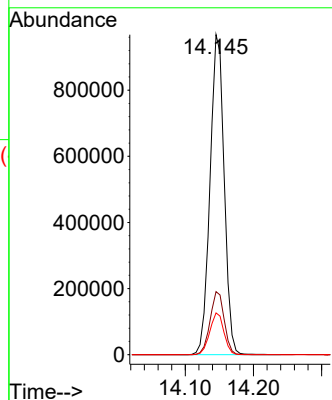
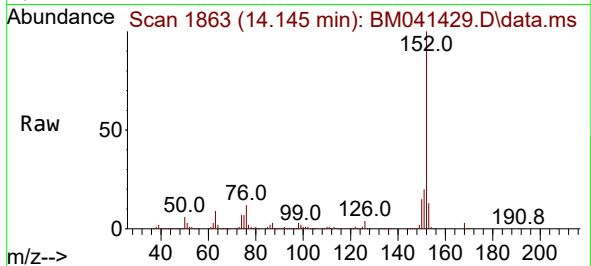




#49
Acenaphthylene
Concen: 40.849 ng
RT: 14.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

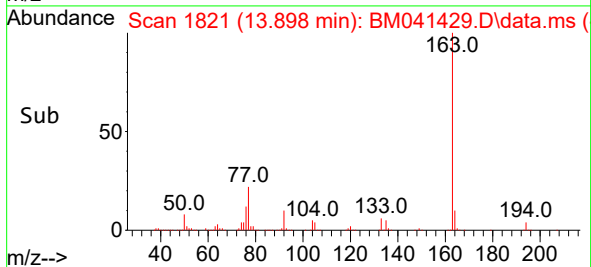
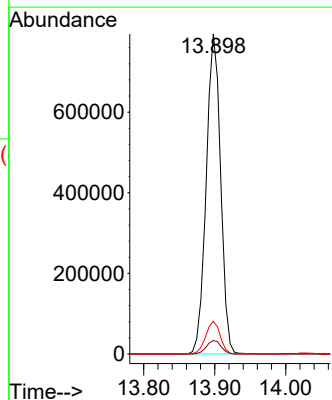
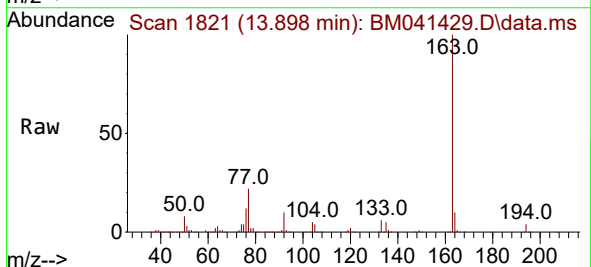
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

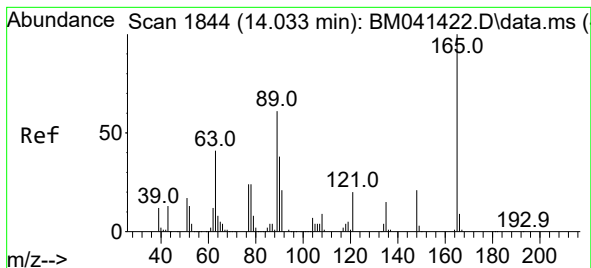
Tgt Ion:152 Resp: 1397369
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.0 10.2 15.2



#50
Dimethylphthalate
Concen: 39.404 ng
RT: 13.898 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:163 Resp: 1119802
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.942 ng

RT: 14.027 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

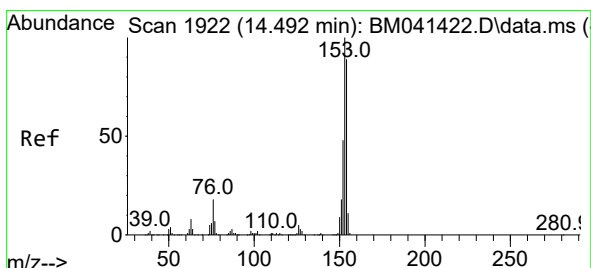
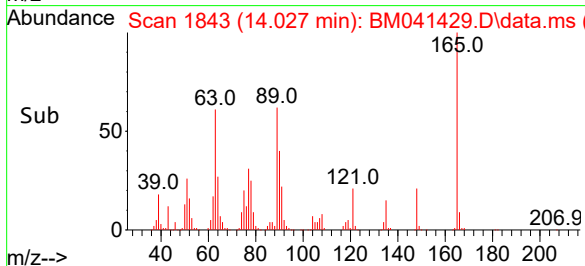
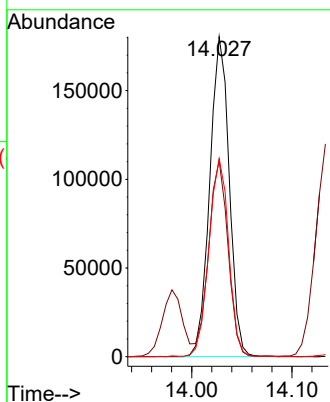
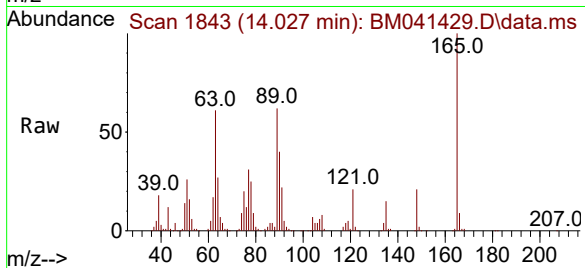
Tgt Ion:165 Resp: 243262

Ion Ratio Lower Upper

165 100

63 61.2 49.5 74.3

89 61.9 49.4 74.0



#52

Acenaphthene

Concen: 40.675 ng

RT: 14.492 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

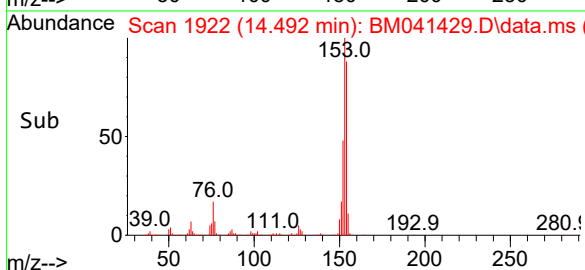
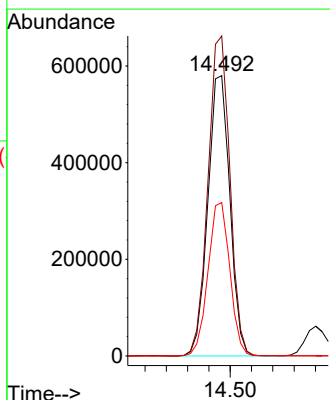
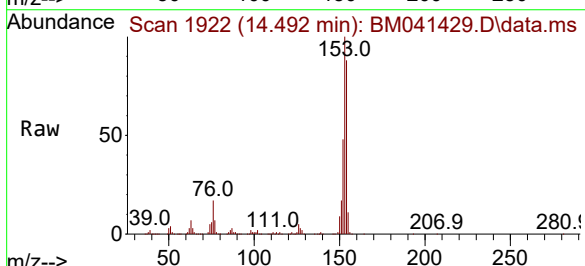
Tgt Ion:154 Resp: 832204

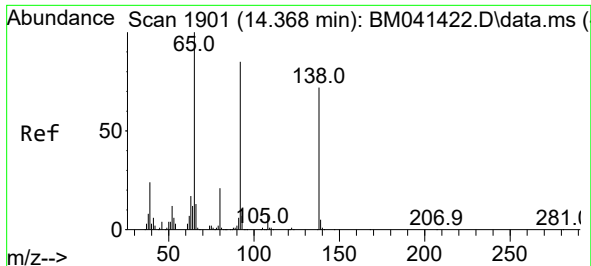
Ion Ratio Lower Upper

154 100

153 114.1 90.4 135.6

152 54.8 43.1 64.7

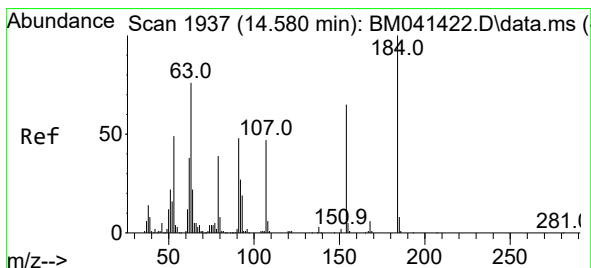
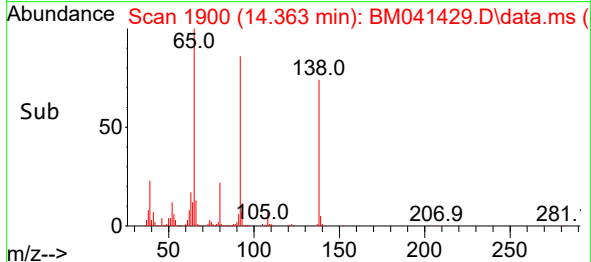
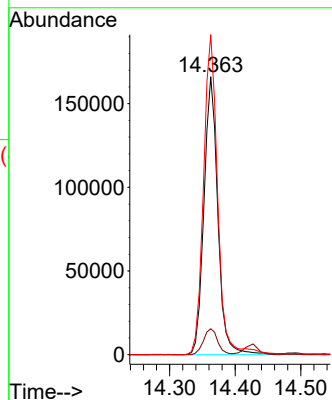
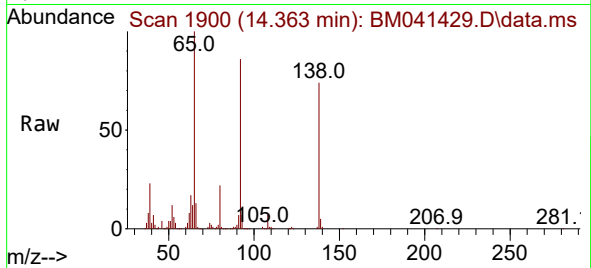




#53
3-Nitroaniline
Concen: 40.407 ng
RT: 14.363 min Scan# 1900
Delta R.T. -0.005 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

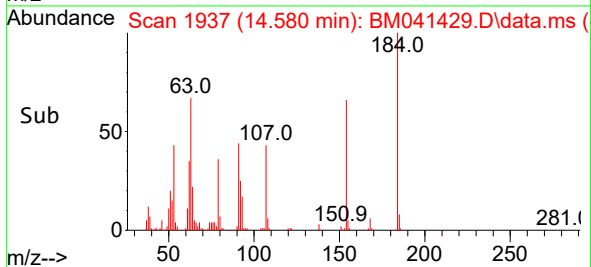
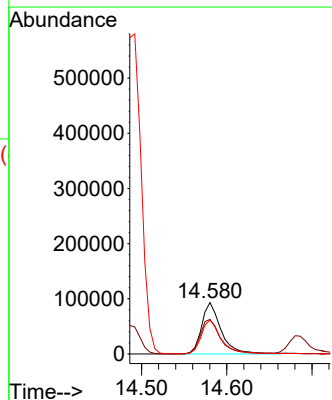
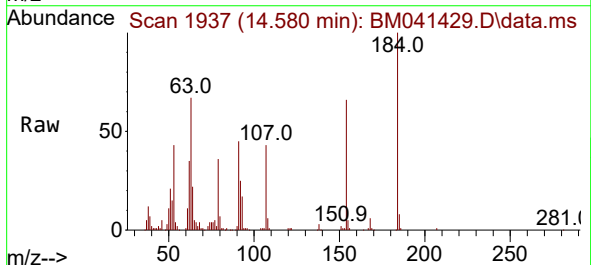
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

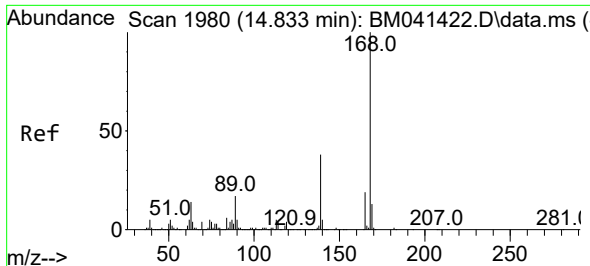
Tgt Ion:138 Resp: 245428
Ion Ratio Lower Upper
138 100
108 9.3 7.9 11.9
92 115.1 95.1 142.7



#54
2,4-Dinitrophenol
Concen: 38.716 ng
RT: 14.580 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:184 Resp: 147486
Ion Ratio Lower Upper
184 100
63 67.3 61.1 91.7
154 66.1 52.4 78.6

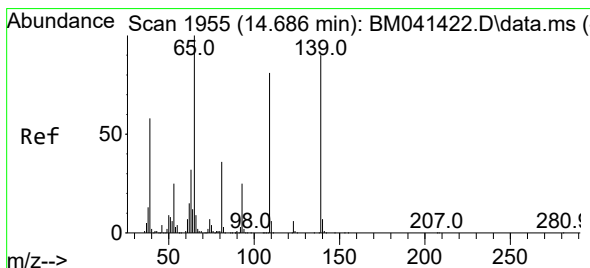
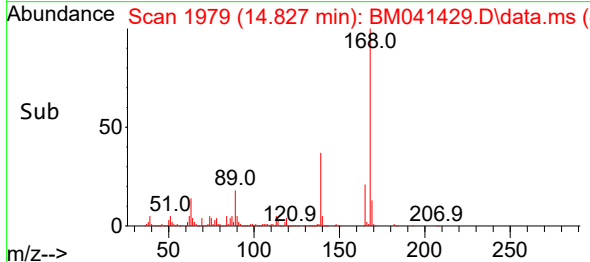
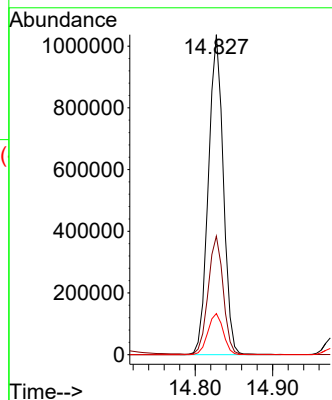
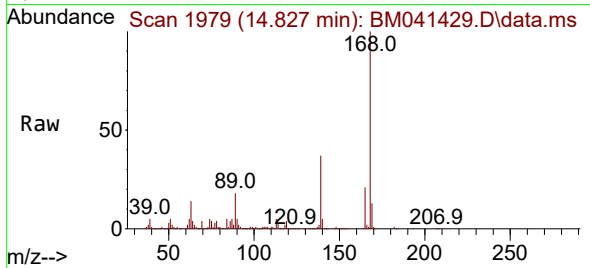




#55
Dibenzenofuran
Concen: 40.384 ng
RT: 14.827 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

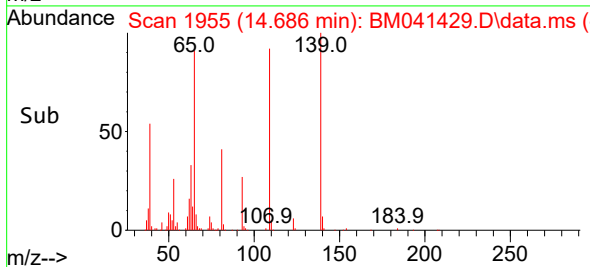
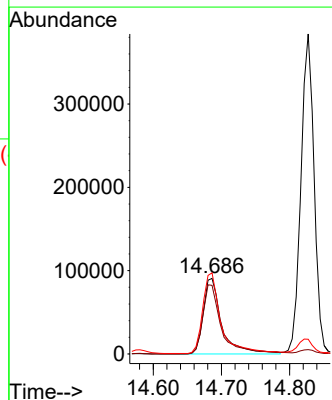
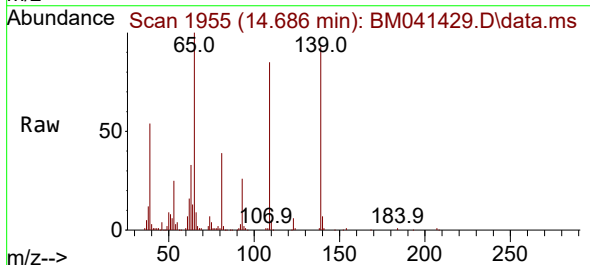
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

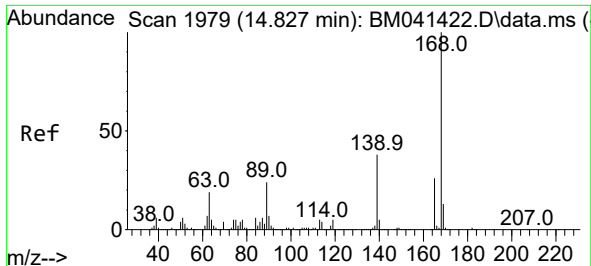
Tgt Ion:168 Resp: 1385493
Ion Ratio Lower Upper
168 100
139 37.0 30.2 45.2
169 12.9 10.5 15.7



#56
4-Nitrophenol
Concen: 37.669 ng
RT: 14.686 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:139 Resp: 172285
Ion Ratio Lower Upper
139 100
109 90.8 70.6 110.6
65 107.3 91.8 131.8





#57

2,4-Dinitrotoluene

Concen: 39.661 ng

RT: 14.821 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 330117

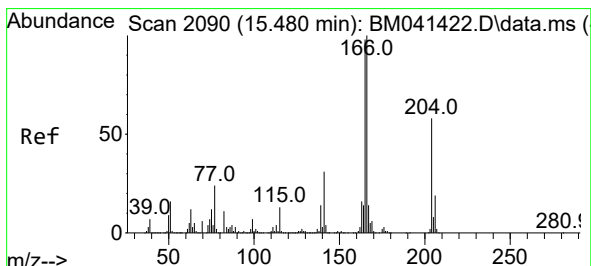
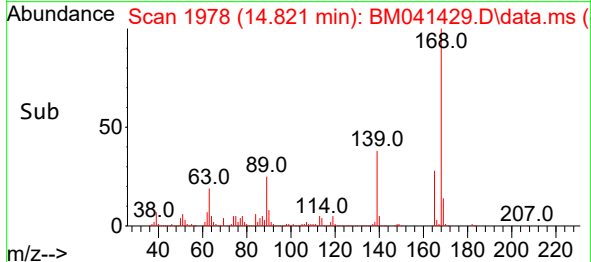
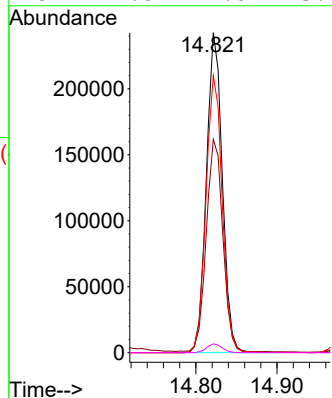
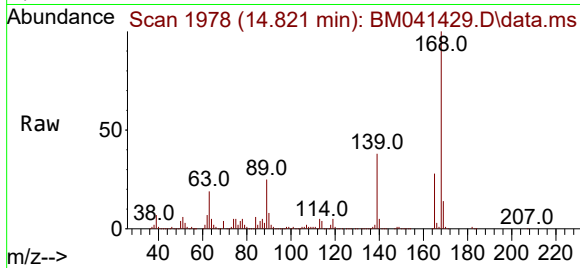
Ion Ratio Lower Upper

165 100

63 66.7 56.8 85.2

89 86.6 73.4 110.0

182 2.8 2.0 3.0



#58

Fluorene

Concen: 39.563 ng

RT: 15.480 min Scan# 2090

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

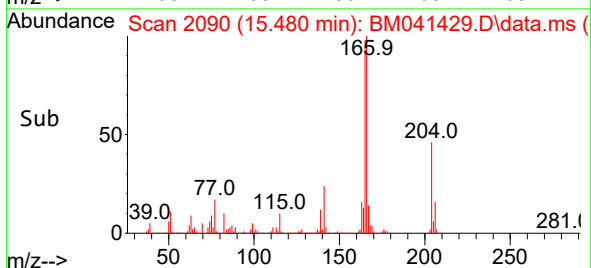
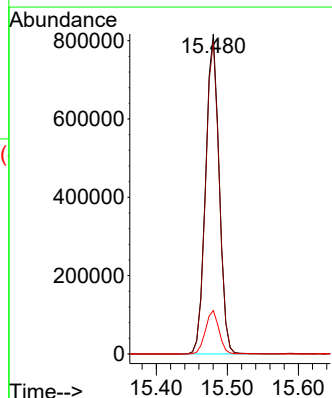
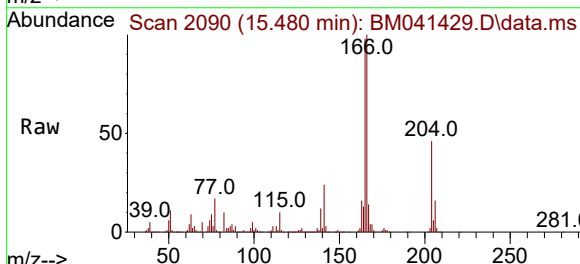
Tgt Ion:166 Resp: 1087806

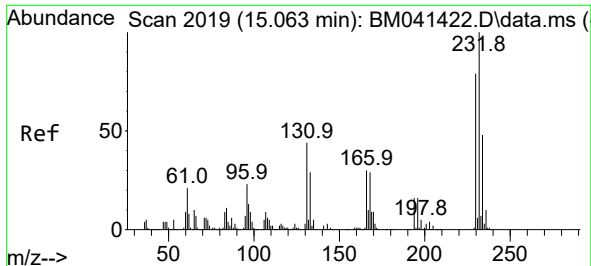
Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.4

167 13.5 11.2 16.8

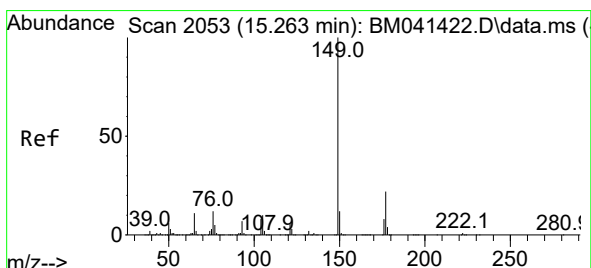
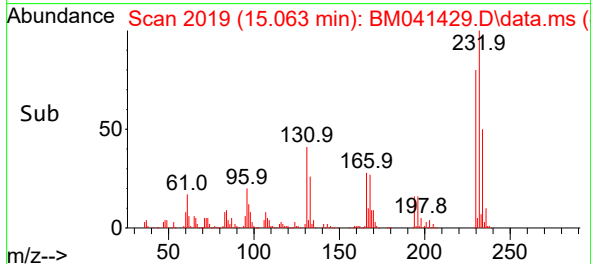
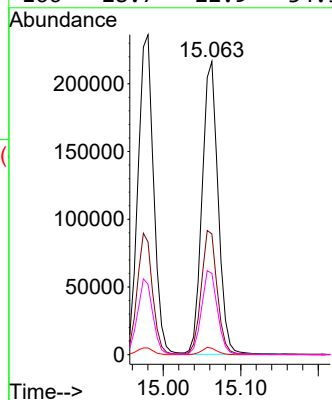
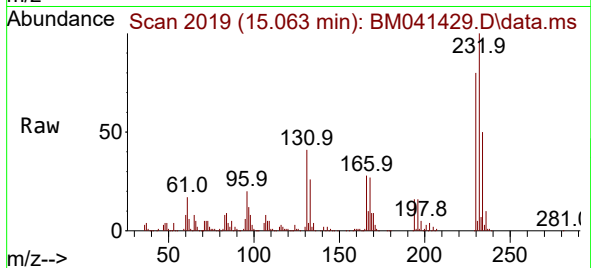




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.679 ng
RT: 15.063 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

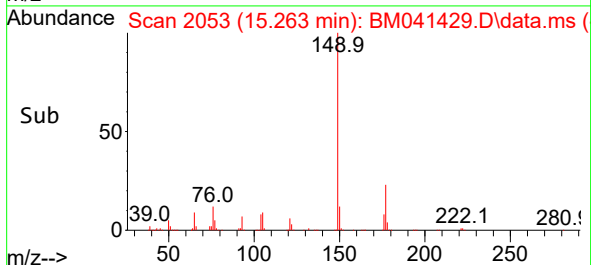
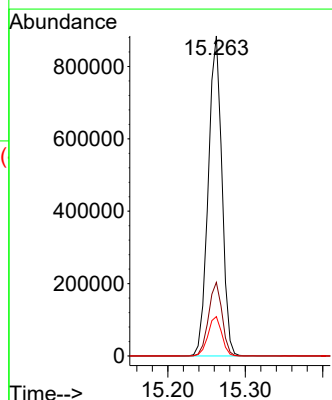
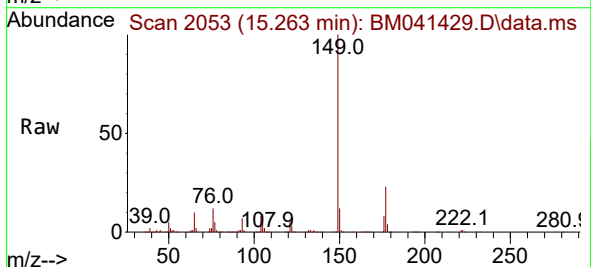
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

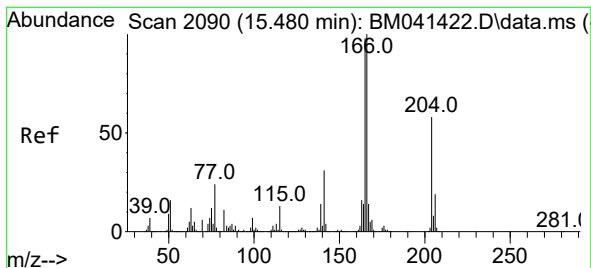
Tgt Ion:232 Resp: 310221
Ion Ratio Lower Upper
232 100
131 42.1 34.7 52.1
130 2.3 1.9 2.9
166 28.7 22.9 34.3



#60
Diethylphthalate
Concen: 38.050 ng
RT: 15.263 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:149 Resp: 1080371
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.8
150 12.3 9.8 14.8

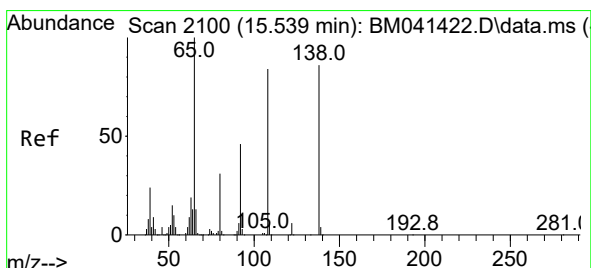
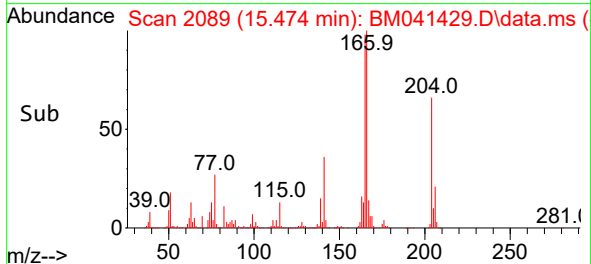
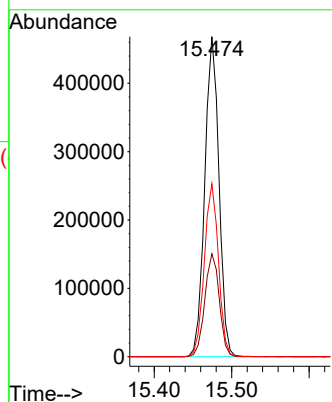
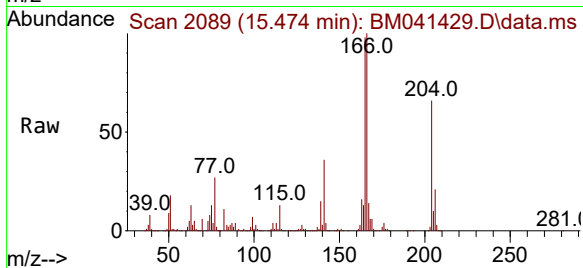




#61
4-Chlorophenyl-phenylether
Concen: 40.139 ng
RT: 15.474 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

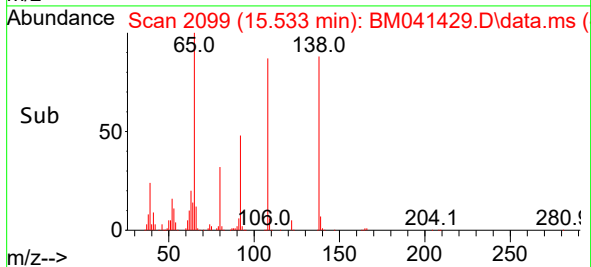
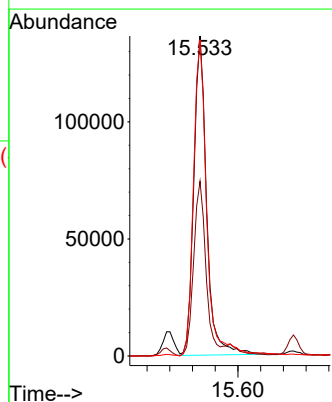
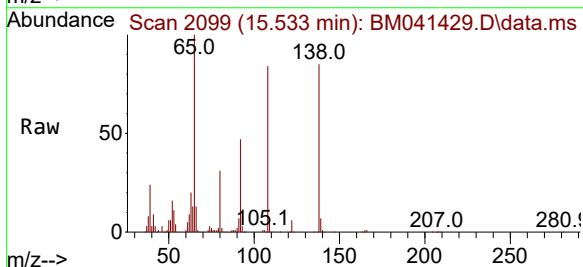
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

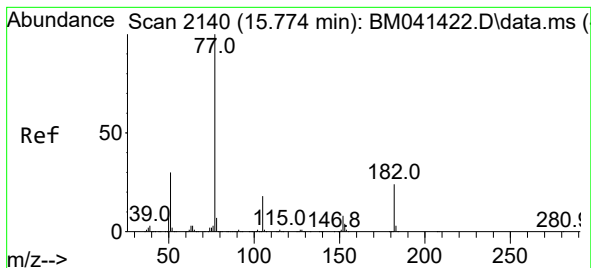
Tgt Ion:204 Resp: 595009
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 54.1 42.9 64.3



#62
4-Nitroaniline
Concen: 38.753 ng
RT: 15.533 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:138 Resp: 214732
Ion Ratio Lower Upper
138 100
92 54.6 33.5 73.5
108 98.8 76.6 116.6





#63

Azobenzene

Concen: 38.948 ng

RT: 15.768 min Scan# 2140

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1114209

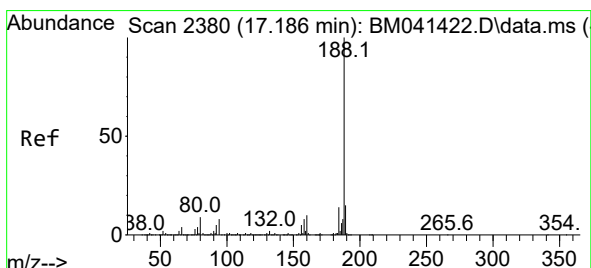
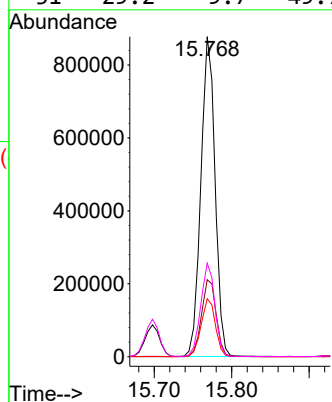
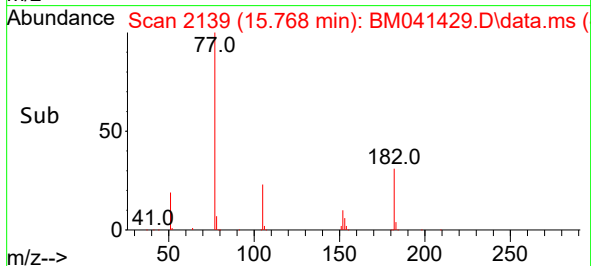
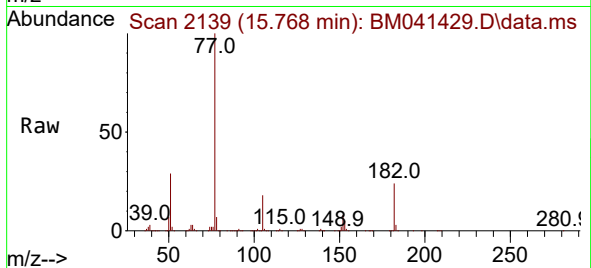
Ion Ratio Lower Upper

77 100

182 24.1 3.7 43.7

105 18.1 0.0 37.7

51 29.2 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2380

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

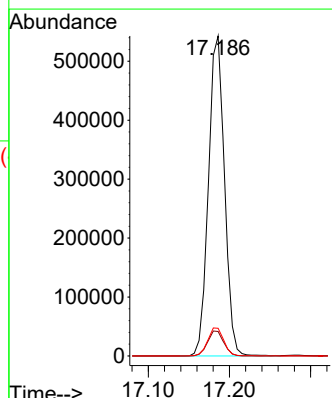
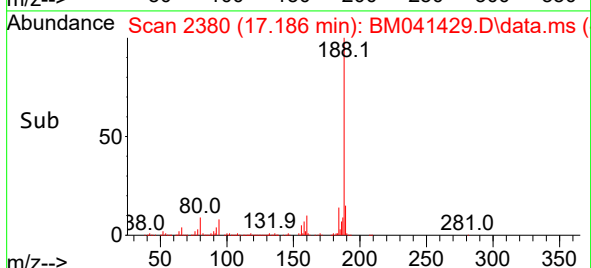
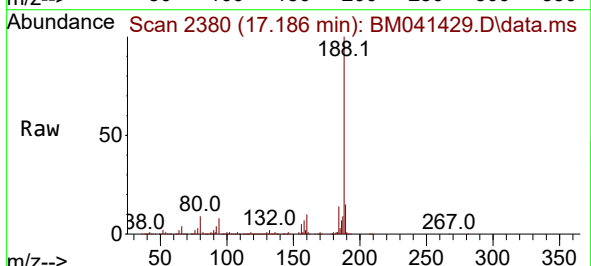
Tgt Ion: 188 Resp: 744219

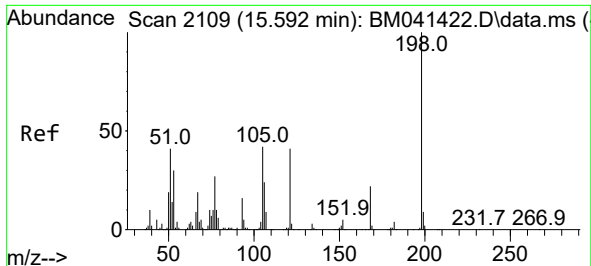
Ion Ratio Lower Upper

188 100

94 7.6 6.6 9.8

80 8.7 7.5 11.3

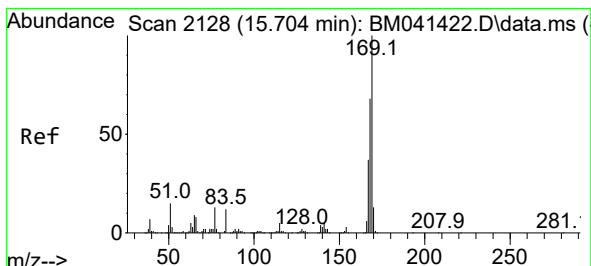
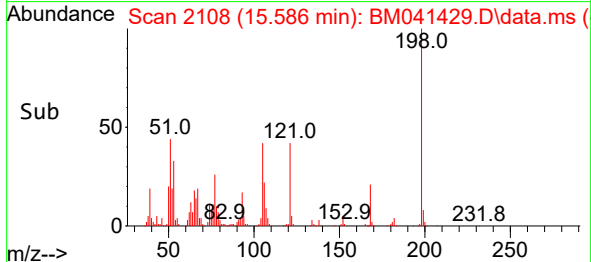
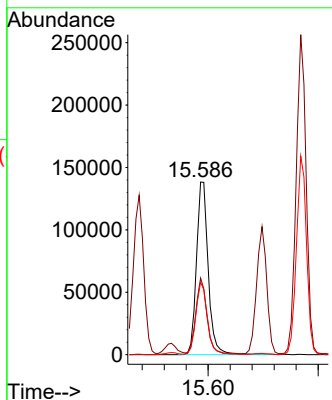
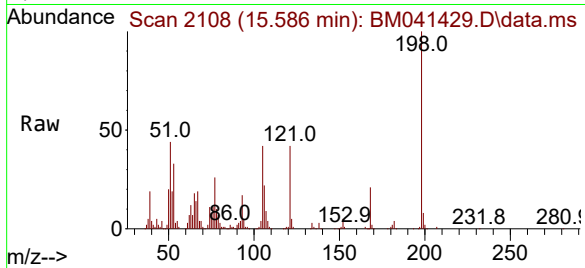




#65
4,6-Dinitro-2-methylphenol
Concen: 43.262 ng
RT: 15.586 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

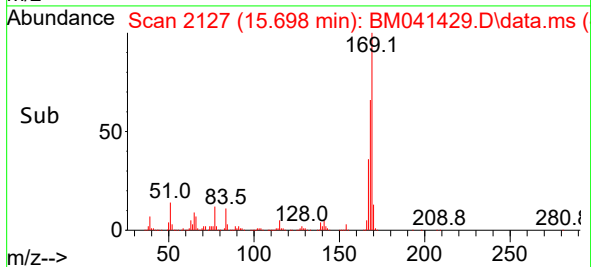
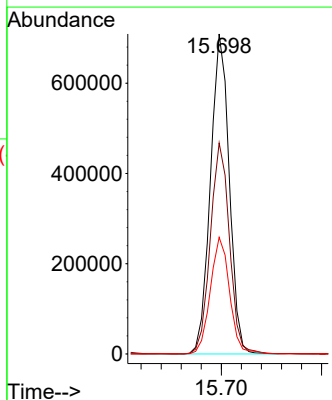
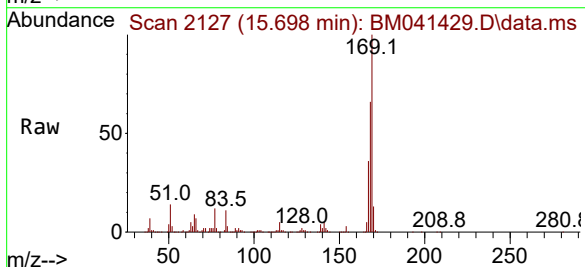
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

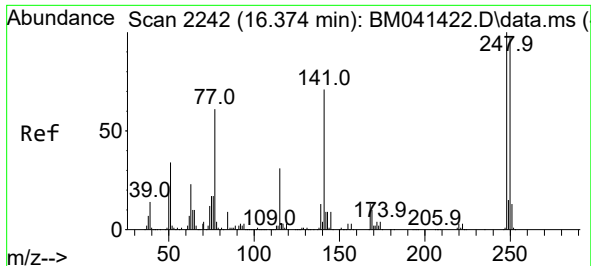
Tgt Ion:198 Resp: 206101
Ion Ratio Lower Upper
198 100
51 44.4 23.2 63.2
105 42.0 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 41.986 ng
RT: 15.698 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:169 Resp: 919798
Ion Ratio Lower Upper
169 100
168 66.0 54.5 81.7
167 36.5 29.9 44.9

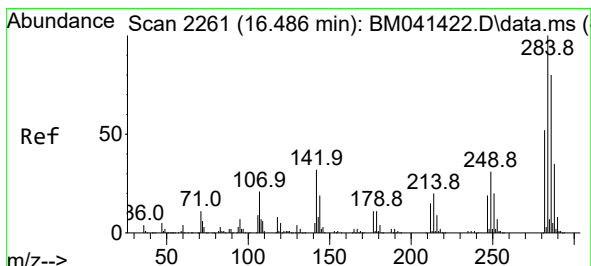
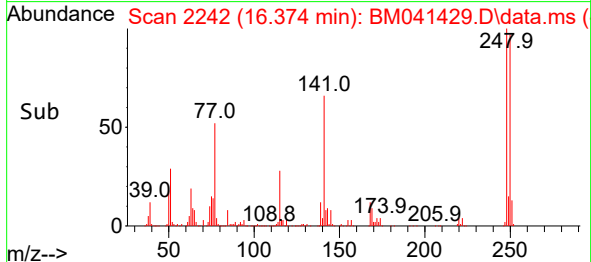
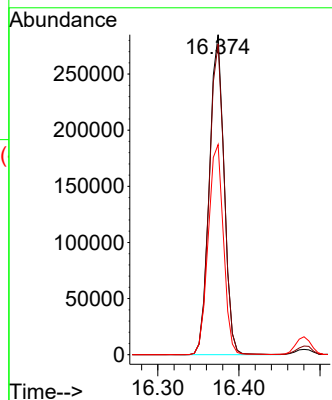
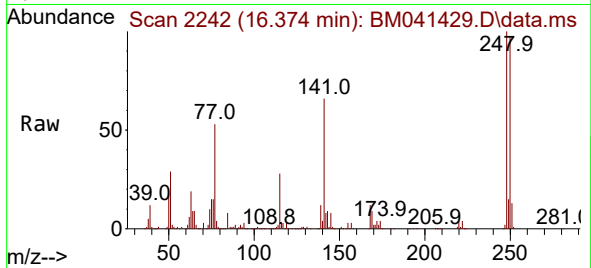




#67
4-Bromophenyl-phenylether
Concen: 42.212 ng
RT: 16.374 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

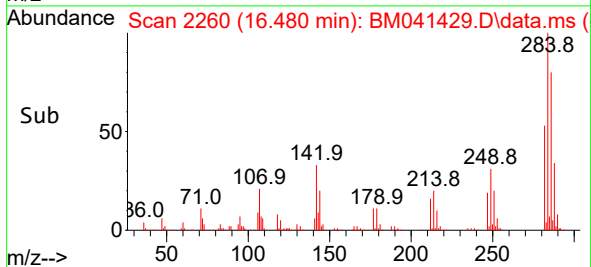
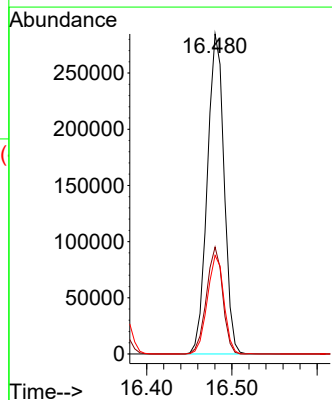
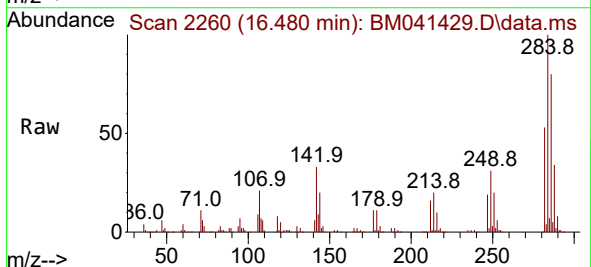
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

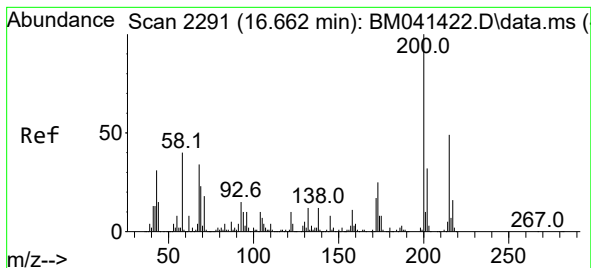
Tgt Ion:248 Resp: 360000
Ion Ratio Lower Upper
248 100
250 97.1 77.6 116.4
141 65.6 56.7 85.1



#68
Hexachlorobenzene
Concen: 41.785 ng
RT: 16.480 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:284 Resp: 388890
Ion Ratio Lower Upper
284 100
142 33.4 25.4 38.2
249 30.8 24.4 36.6





#69

Atrazine

Concen: 40.538 ng

RT: 16.657 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

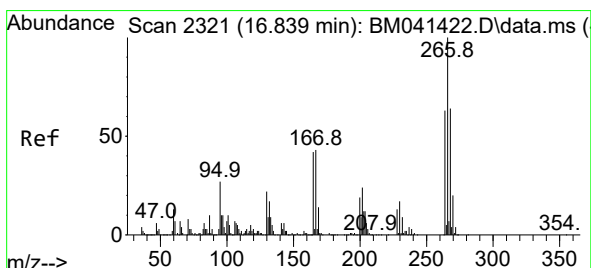
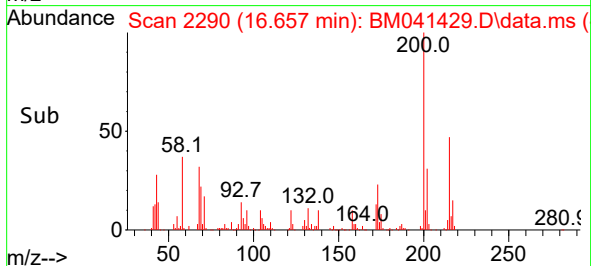
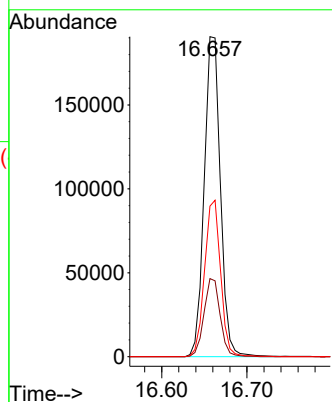
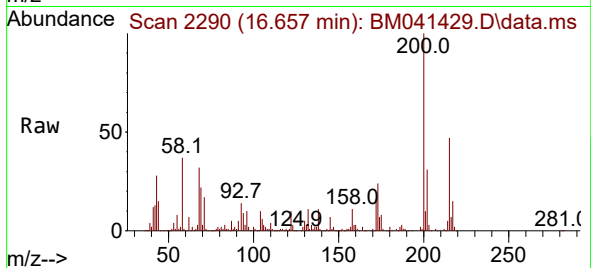
Tgt Ion:200 Resp: 252017

Ion Ratio Lower Upper

200 100

173 24.4 4.7 44.7

215 47.1 29.4 69.4



#70

Pentachlorophenol

Concen: 41.434 ng

RT: 16.839 min Scan# 2321

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

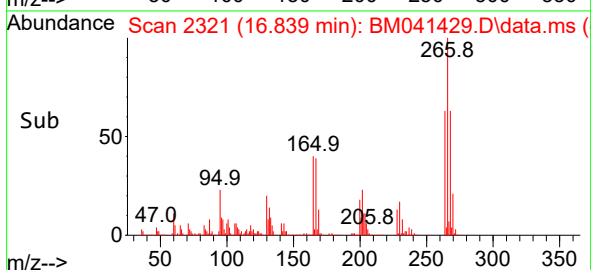
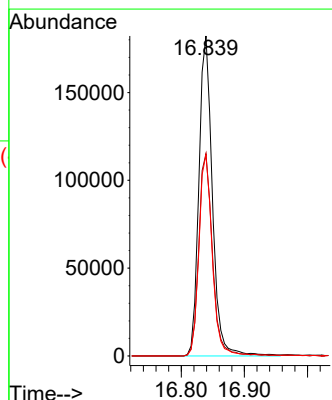
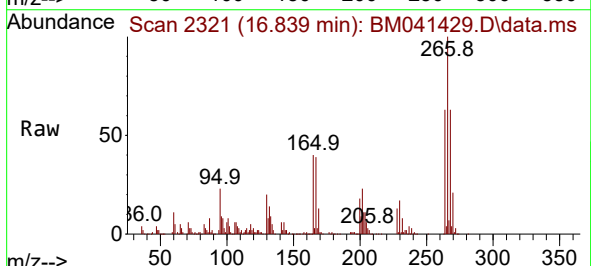
Tgt Ion:266 Resp: 270036

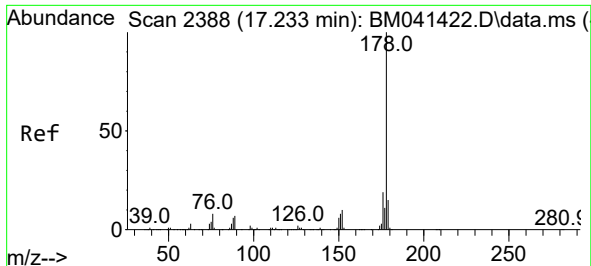
Ion Ratio Lower Upper

266 100

268 63.2 50.9 76.3

264 62.9 50.2 75.2

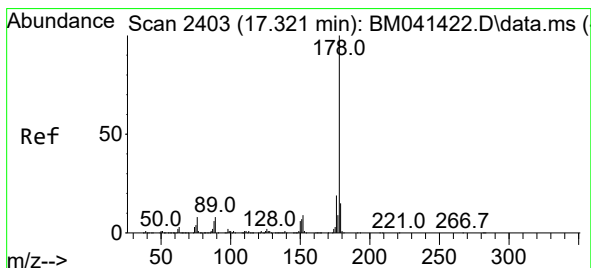
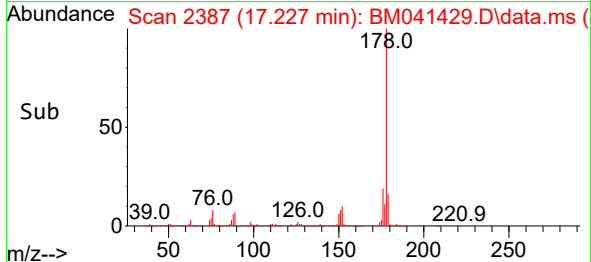
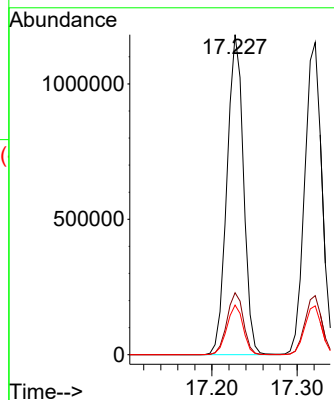
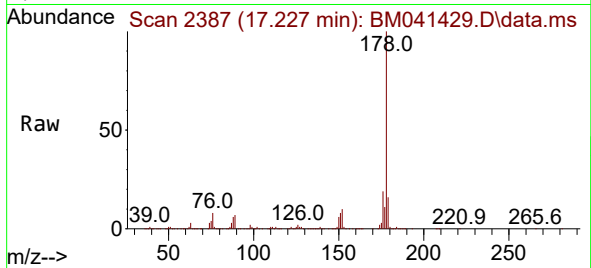




#71
Phenanthrene
Concen: 40.478 ng
RT: 17.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

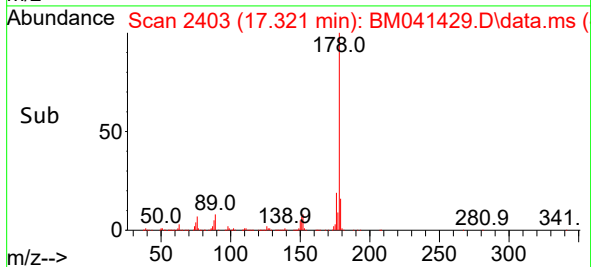
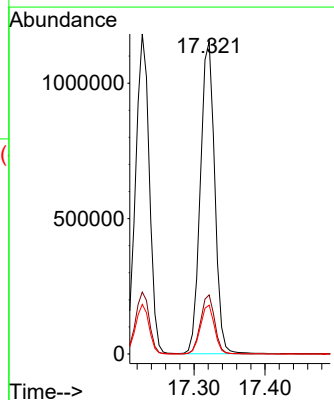
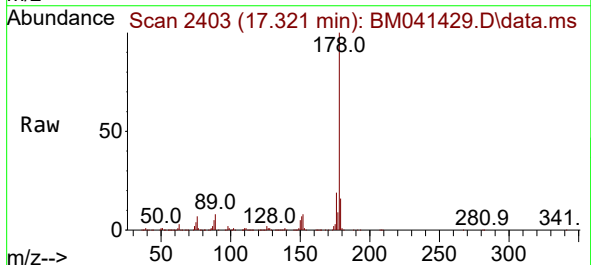
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

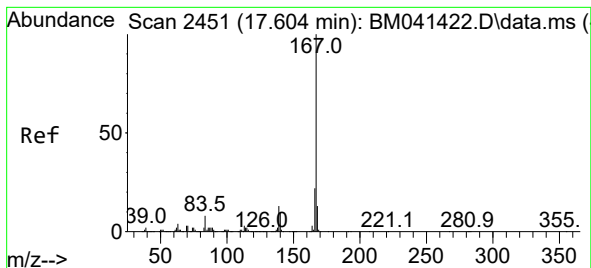
Tgt Ion:178 Resp: 1590164
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.5 12.2 18.4



#72
Anthracene
Concen: 40.756 ng
RT: 17.321 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:178 Resp: 1623566
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.6 12.2 18.2





#73

Carbazole

Concen: 39.973 ng

RT: 17.604 min Scan# 2451

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

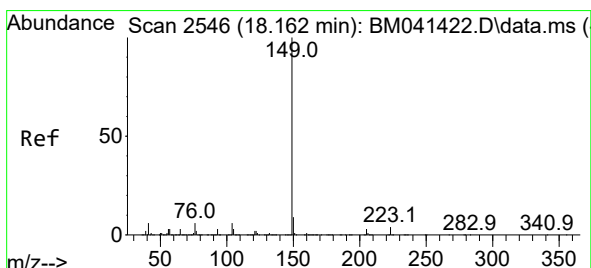
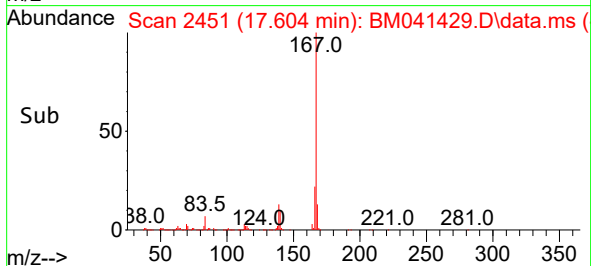
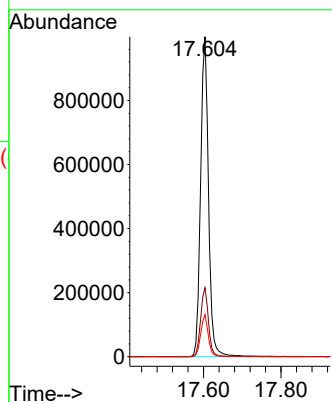
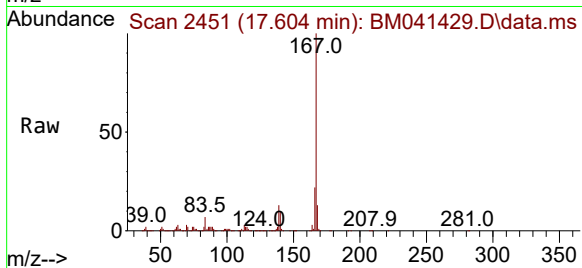
Tgt Ion:167 Resp: 1416850

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 13.1 10.2 15.2



#74

Di-n-butylphthalate

Concen: 38.519 ng

RT: 18.157 min Scan# 2545

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

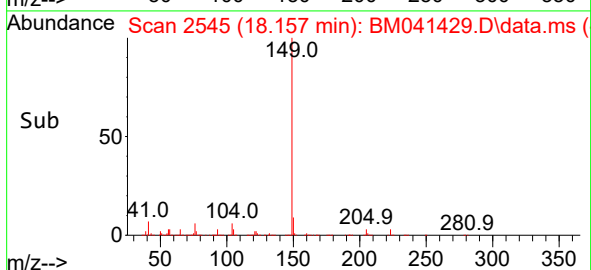
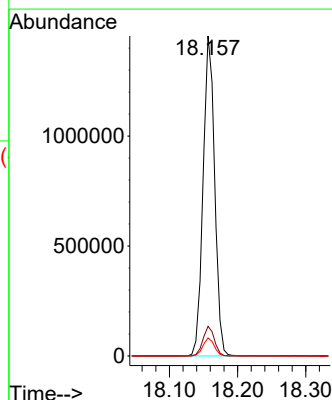
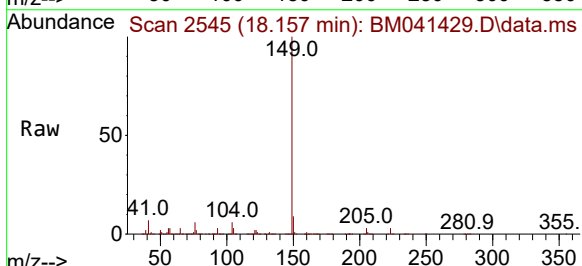
Tgt Ion:149 Resp: 1715206

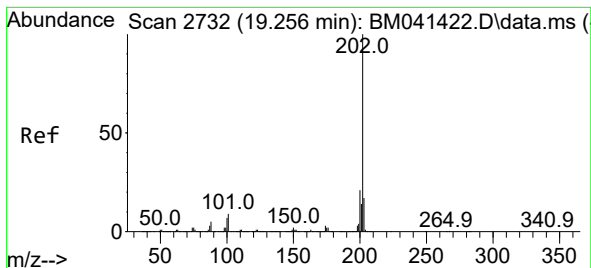
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.7 4.5 6.7





#75

Fluoranthene

Concen: 38.714 ng

RT: 19.251 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

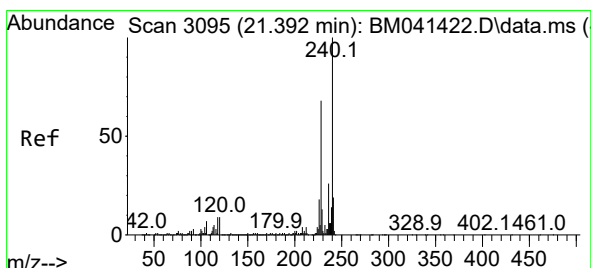
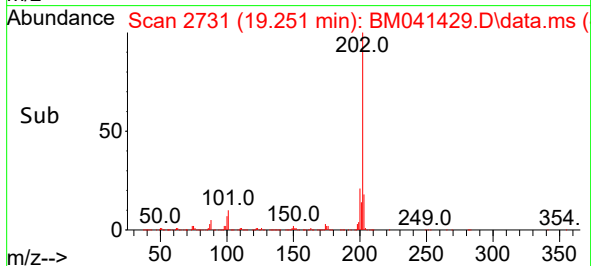
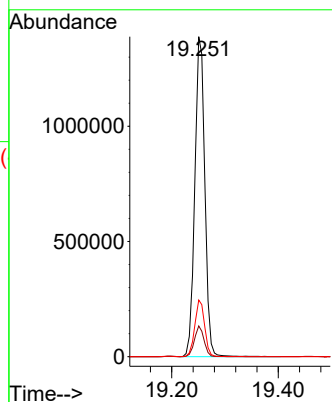
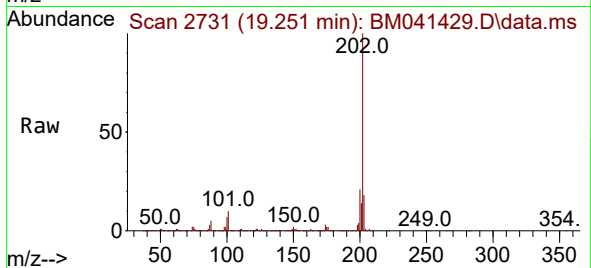
Tgt Ion:202 Resp: 1810712

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.1

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

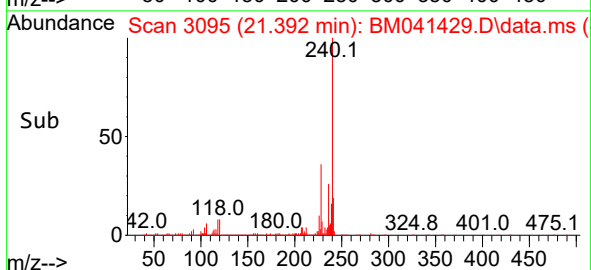
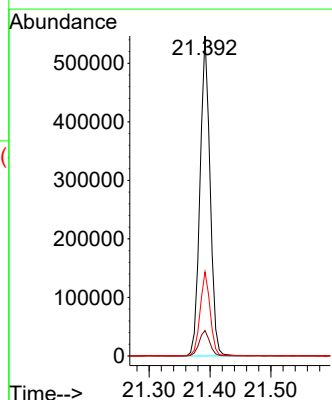
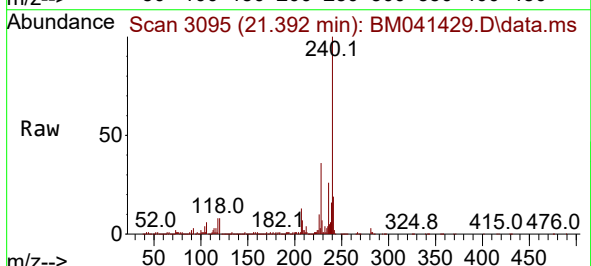
Tgt Ion:240 Resp: 628589

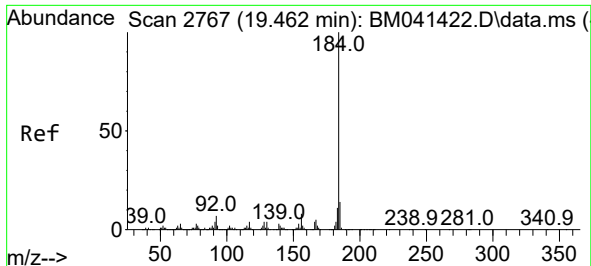
Ion Ratio Lower Upper

240 100

120 7.9 7.4 11.2

236 26.3 20.8 31.2

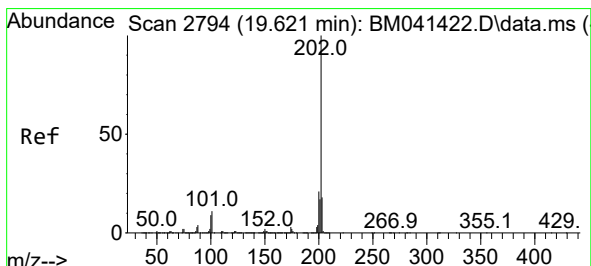
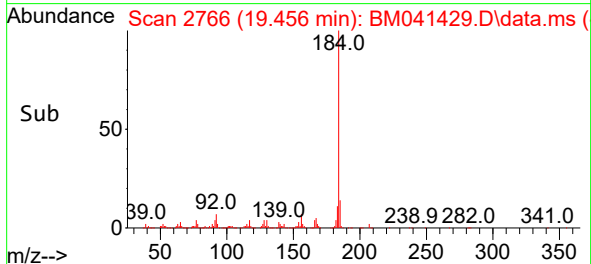
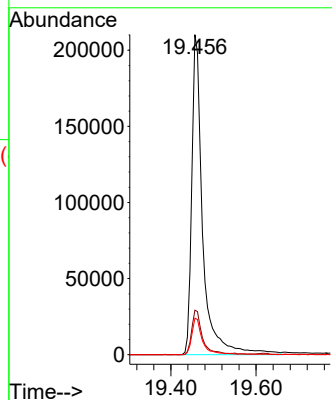
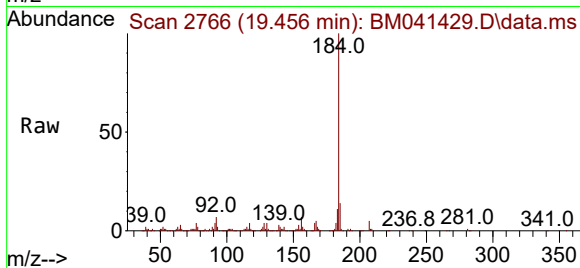




#77
Benzidine
Concen: 52.350 ng
RT: 19.456 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

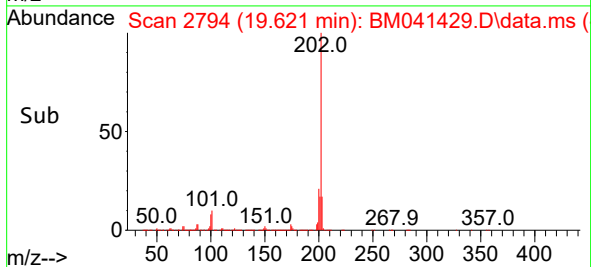
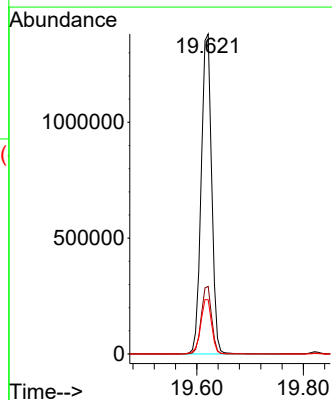
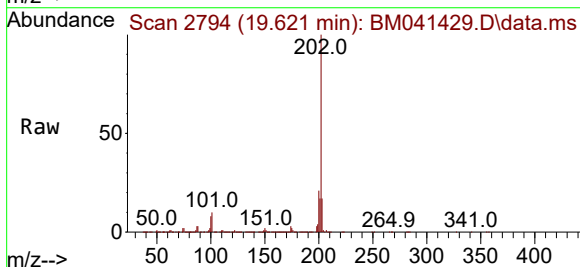
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

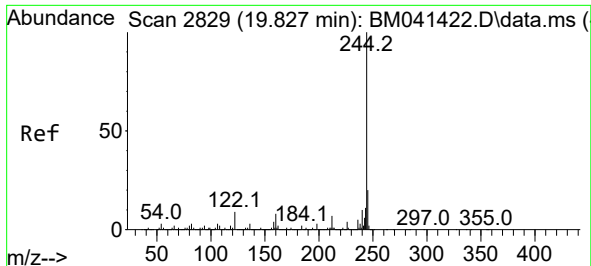
Tgt Ion:184 Resp: 377194
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 11.4 8.8 13.2



#78
Pyrene
Concen: 41.795 ng
RT: 19.621 min Scan# 2794
Delta R.T. 0.000 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:202 Resp: 1878875
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 16.9 14.1 21.1

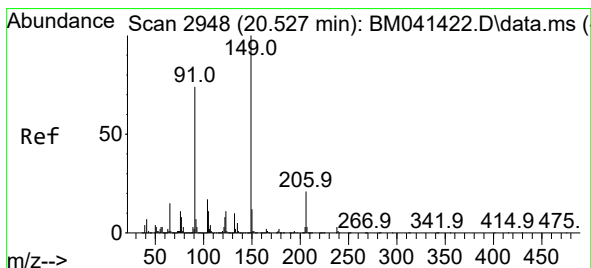
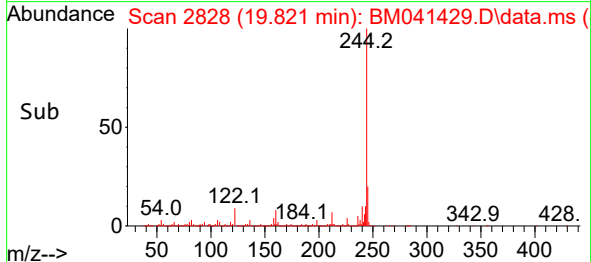
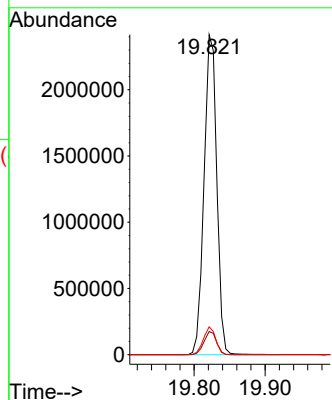
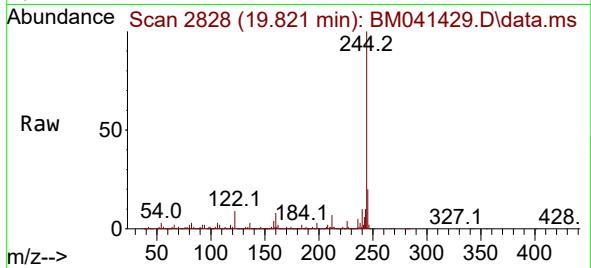




#79
 Terphenyl-d14
 Concen: 83.459 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041429.D
 Acq: 17 Aug 2023 09:32

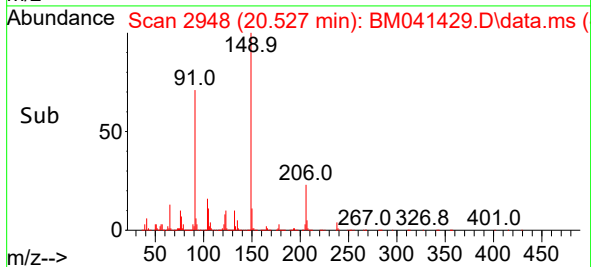
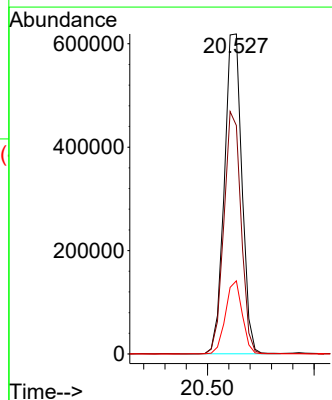
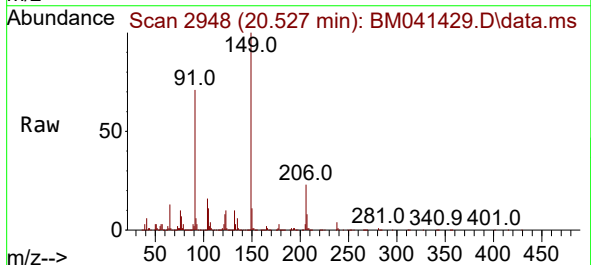
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

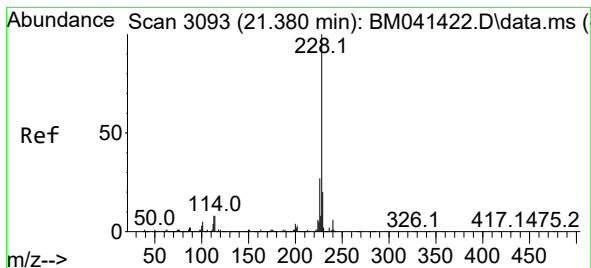
Tgt Ion:244 Resp: 3014736
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.7 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 39.314 ng
 RT: 20.527 min Scan# 2948
 Delta R.T. 0.000 min
 Lab File: BM041429.D
 Acq: 17 Aug 2023 09:32

Tgt Ion:149 Resp: 707872
 Ion Ratio Lower Upper
 149 100
 91 71.4 59.3 88.9
 206 22.9 17.0 25.6





#81

Benzo(a)anthracene

Concen: 40.519 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

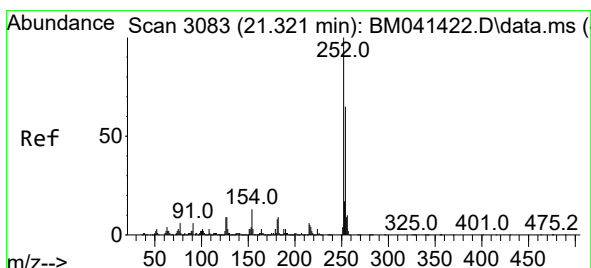
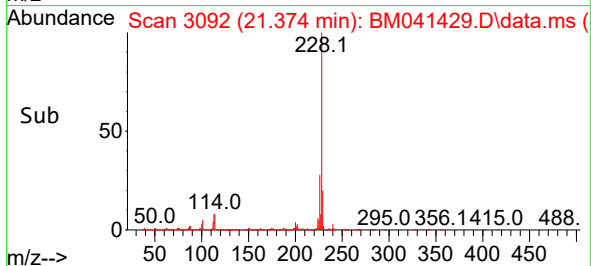
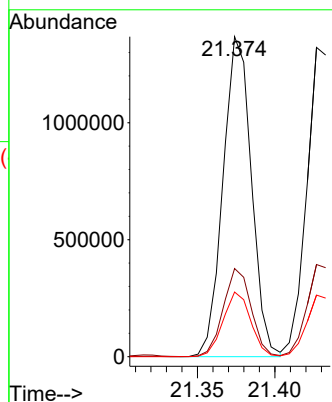
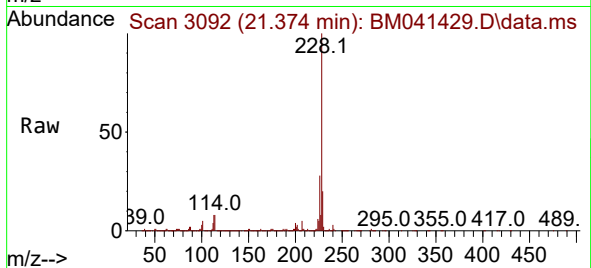
Tgt Ion:228 Resp: 1739293

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

229 20.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 42.164 ng

RT: 21.315 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

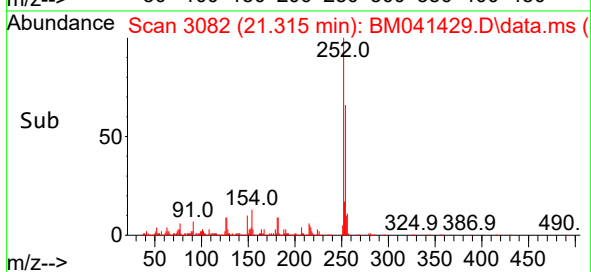
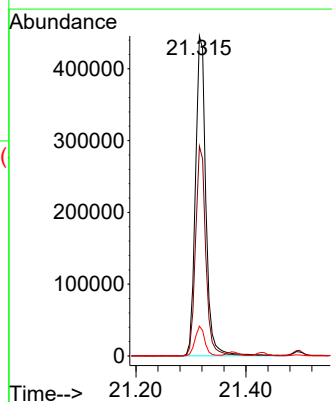
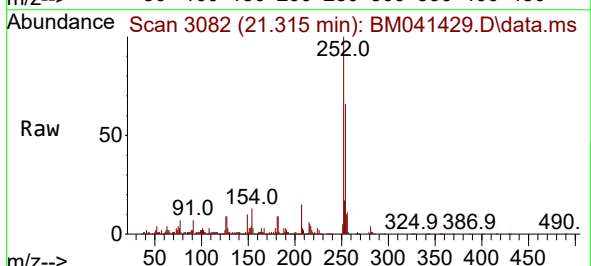
Tgt Ion:252 Resp: 585379

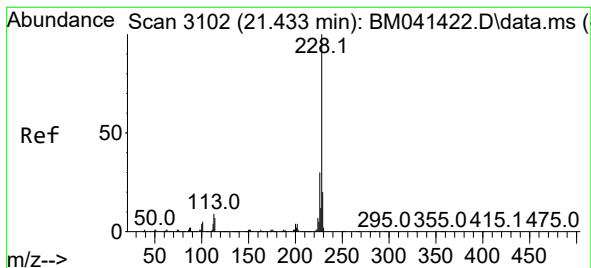
Ion Ratio Lower Upper

252 100

254 65.5 51.6 77.4

126 9.3 7.3 10.9





#83

Chrysene

Concen: 40.624 ng

RT: 21.427 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

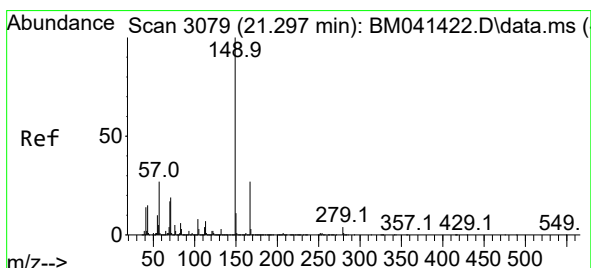
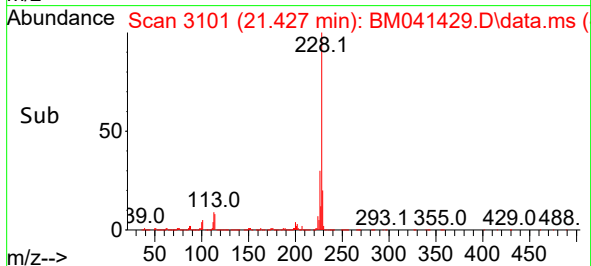
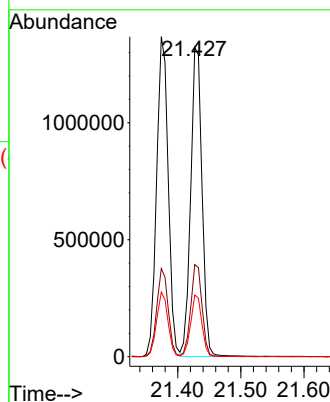
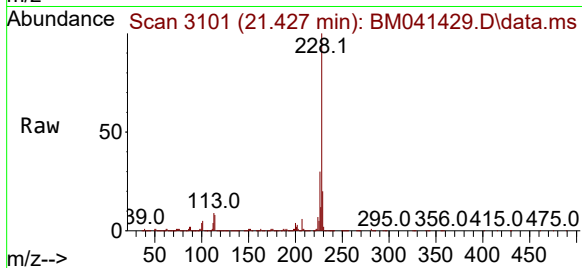
Tgt Ion:228 Resp: 1657558

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.504 ng

RT: 21.297 min Scan# 3079

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

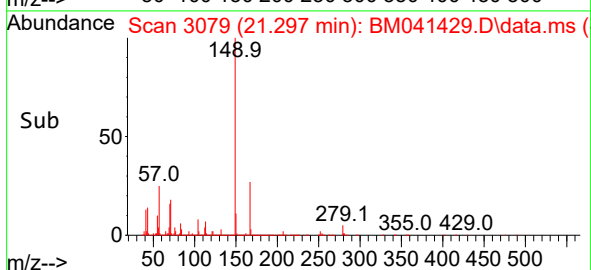
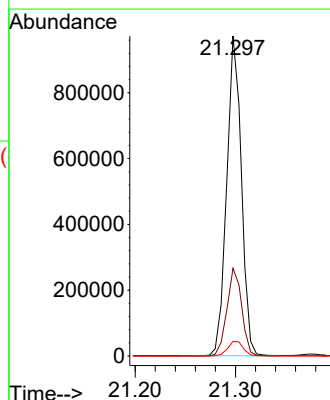
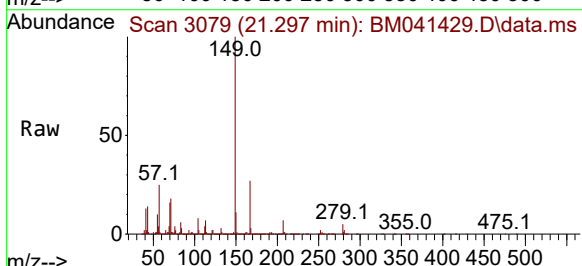
Tgt Ion:149 Resp: 984965

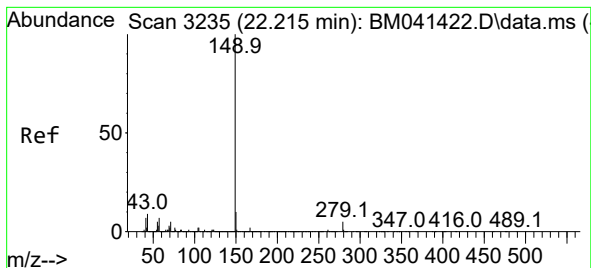
Ion Ratio Lower Upper

149 100

167 27.4 21.5 32.3

279 4.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 38.239 ng

RT: 22.209 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

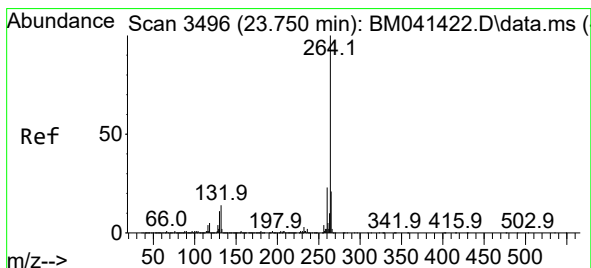
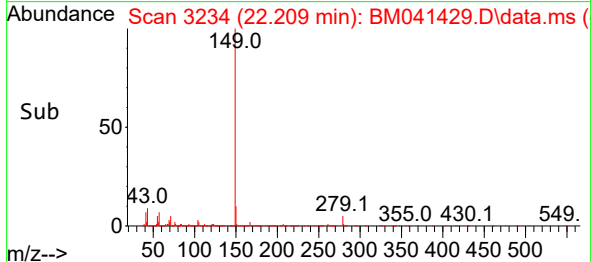
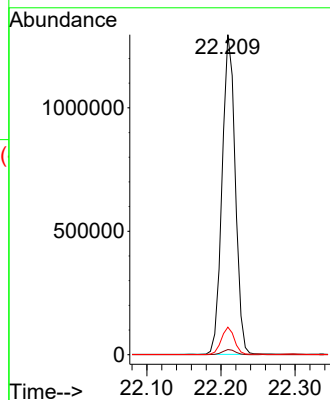
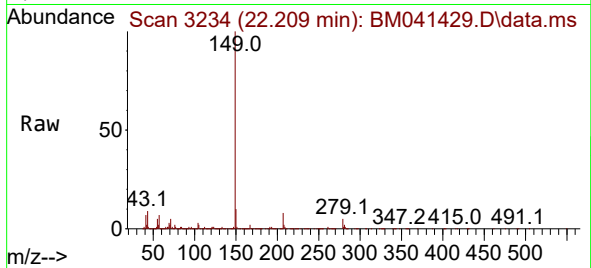
Tgt Ion:149 Resp: 1599439

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.750 min Scan# 3496

Delta R.T. 0.000 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

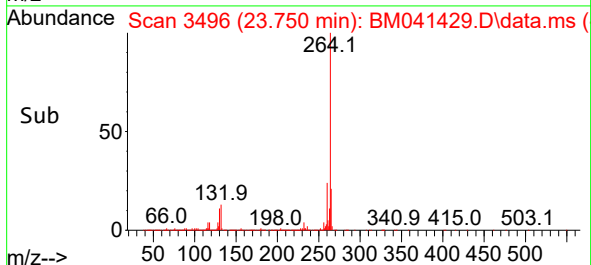
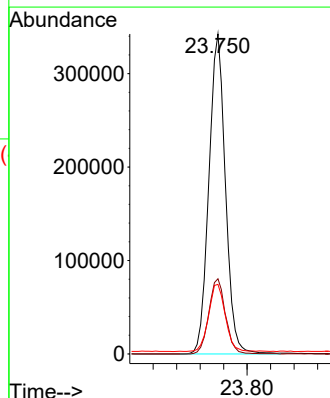
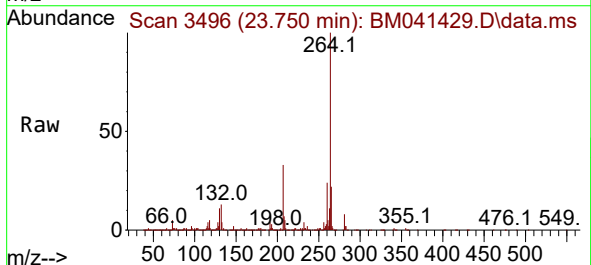
Tgt Ion:264 Resp: 669605

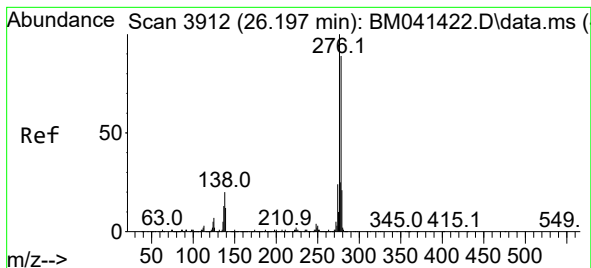
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.261 ng

RT: 26.185 min Scan# 3912

Delta R.T. -0.012 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

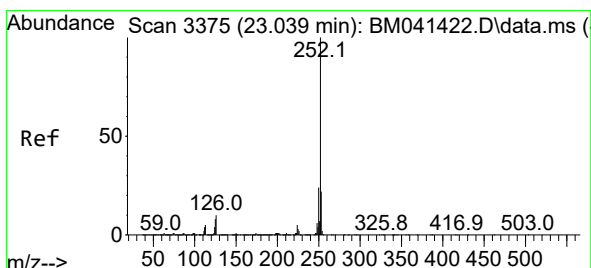
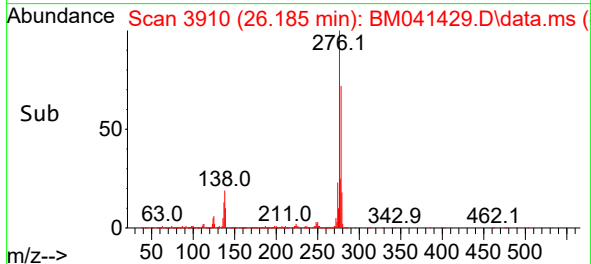
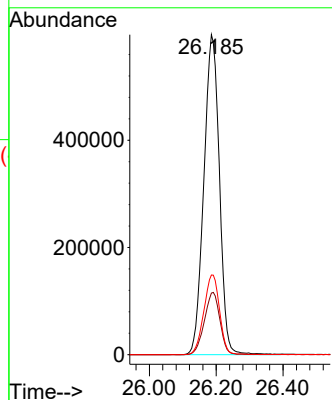
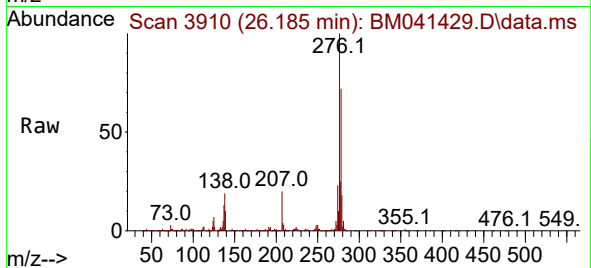
Tgt Ion:276 Resp: 1929643

Ion Ratio Lower Upper

276 100

138 19.5 16.6 25.0

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.354 ng

RT: 23.033 min Scan# 3374

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

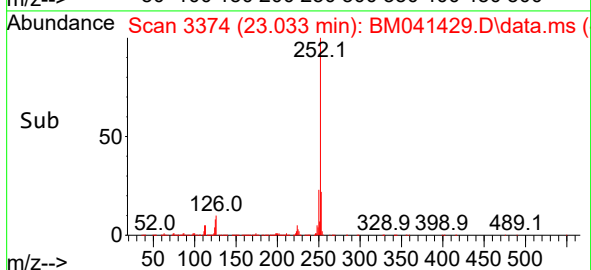
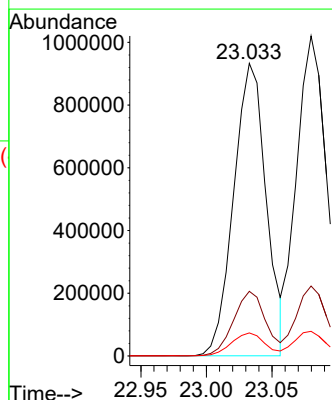
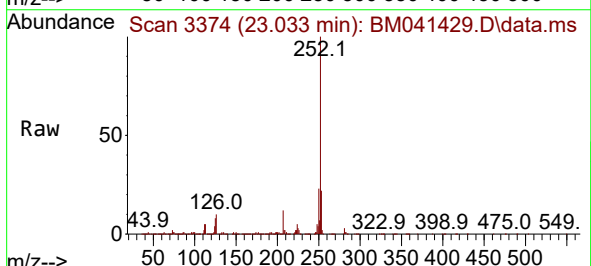
Tgt Ion:252 Resp: 1610496

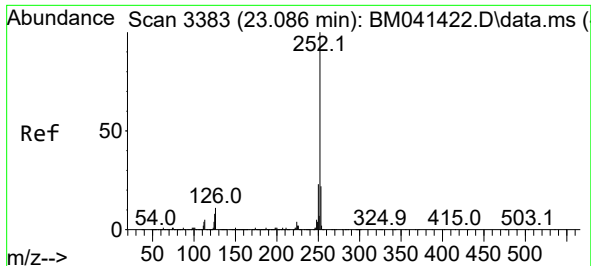
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 7.9 6.6 10.0

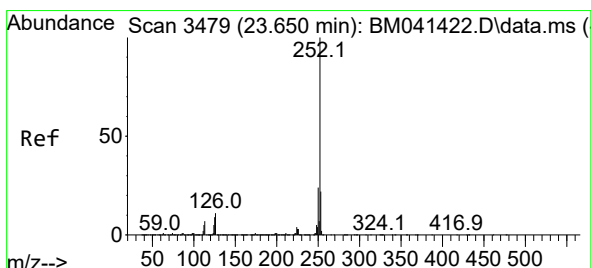
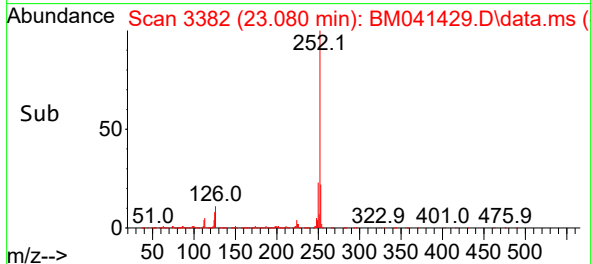
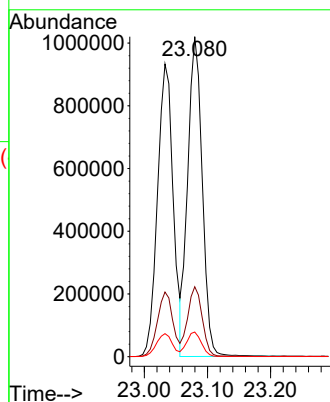
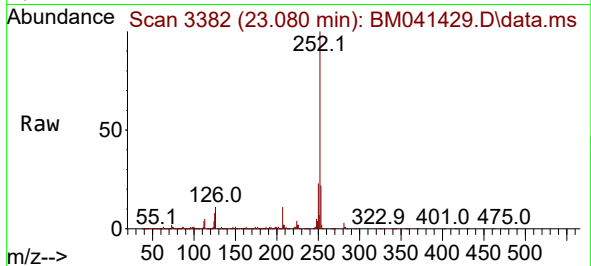




#89
Benzo(k)fluoranthene
Concen: 40.446 ng
RT: 23.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

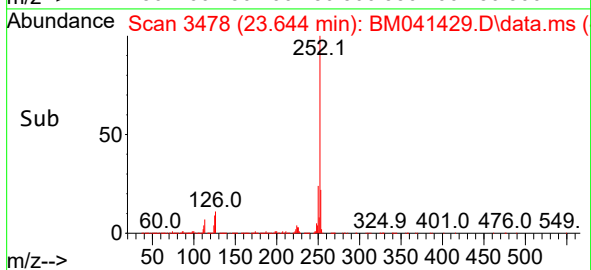
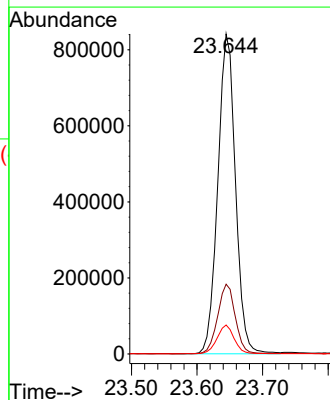
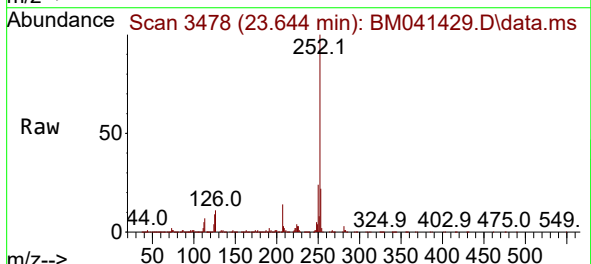
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

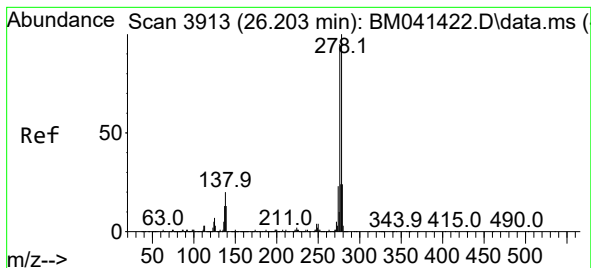
Tgt Ion:252 Resp: 1631306
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 7.7 6.5 9.7



#90
Benzo(a)pyrene
Concen: 41.224 ng
RT: 23.644 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM041429.D
Acq: 17 Aug 2023 09:32

Tgt Ion:252 Resp: 1566593
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.1 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 44.075 ng

RT: 26.197 min Scan# 3913

Delta R.T. -0.006 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

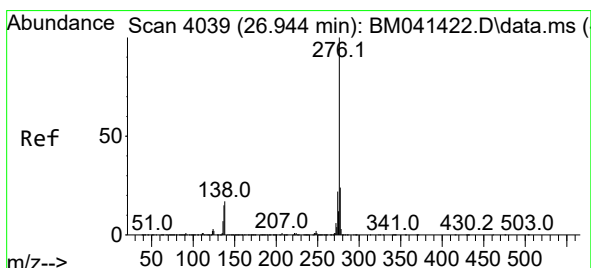
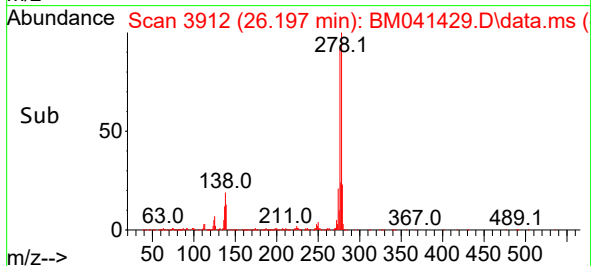
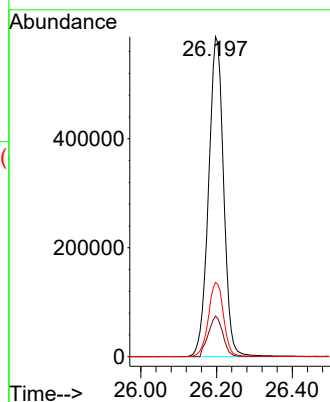
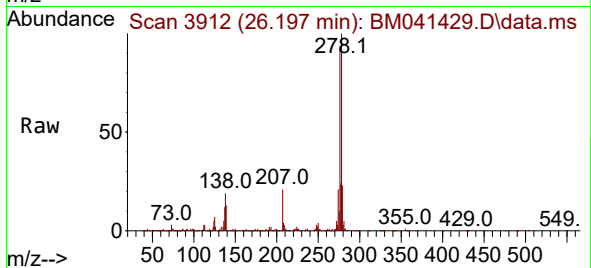
Tgt Ion:278 Resp: 1616058

Ion Ratio Lower Upper

278 100

139 12.7 10.6 16.0

279 23.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 44.846 ng

RT: 26.932 min Scan# 4037

Delta R.T. -0.012 min

Lab File: BM041429.D

Acq: 17 Aug 2023 09:32

Tgt Ion:276 Resp: 1589595

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 17.0 13.2 19.8

