

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041271.D
 Acq On : 03 Aug 2023 20:52
 Operator : MA/JU
 Sample : 03756-20MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 307/308-TP-6-8-CS3MS

Quant Time: Aug 04 01:23:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	144619	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	645383	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	430109	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	948995	20.000	ng	0.00
76) Chrysene-d12	21.427	240	752449	20.000	ng	0.00
86) Perylene-d12	23.797	264	737169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	760607	78.606	ng	0.00
7) Phenol-d6	6.981	99	1036876	82.668	ng	0.00
23) Nitrobenzene-d5	8.975	82	649866	46.828	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	485896	79.869	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1546814	45.431	ng	0.00
79) Terphenyl-d14	19.856	244	2549292	61.257	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	124090	29.978	ng	96
3) Pyridine	3.663	79	357272	32.826	ng	96
4) n-Nitrosodimethylamine	3.581	42	183797	36.513	ng	89
6) Aniline	7.128	93	646200	44.023	ng	99
8) 2-Chlorophenol	7.363	128	508646	53.846	ng	99
9) Benzaldehyde	6.945	77	287163	43.390	ng	98
10) Phenol	7.010	94	656636	54.204	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	467115	47.636	ng	97
12) 1,3-Dichlorobenzene	7.681	146	505042	49.116	ng	99
13) 1,4-Dichlorobenzene	7.834	146	522125	50.519	ng	99
14) 1,2-Dichlorobenzene	8.145	146	507723	51.235	ng	99
15) Benzyl Alcohol	8.051	79	482332	60.894	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	593794	45.448	ng	96
17) 2-Methylphenol	8.257	107	442044	53.411	ng	99
18) Hexachloroethane	8.863	117	156364	40.638	ng	91
19) n-Nitroso-di-n-propyla...	8.616	70	405456	53.221	ng	96
20) 3+4-Methylphenols	8.592	107	610622	55.180	ng	97
22) Acetophenone	8.634	105	770810	45.096	ng	# 99
24) Nitrobenzene	9.016	77	601049	42.827	ng	100
25) Isophorone	9.545	82	1136706	48.252	ng	99
26) 2-Nitrophenol	9.728	139	218254	39.781	ng	95
27) 2,4-Dimethylphenol	9.792	122	452360	46.856	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	672872	45.598	ng	99
29) 2,4-Dichlorophenol	10.263	162	536687	55.125	ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	538216	50.036	ng	98
31) Naphthalene	10.657	128	1568423	44.784	ng	99
32) Benzoic acid	9.975	122	368410	50.391	ng	98
33) 4-Chloroaniline	10.781	127	525611	37.554	ng	99
34) Hexachlorobutadiene	10.922	225	326377	50.450	ng	99
35) Caprolactam	11.616	113	171103	60.753	ng	# 86
36) 4-Chloro-3-methylphenol	11.922	107	568682	55.497	ng	97
37) 2-Methylnaphthalene	12.275	142	1125168	47.654	ng	99
38) 1-Methylnaphthalene	12.492	142	1088363	49.250	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	644137	46.121	ng	98
41) Hexachlorocyclopentadiene	12.610	237	250720	33.933	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	456198	50.964	ng	99

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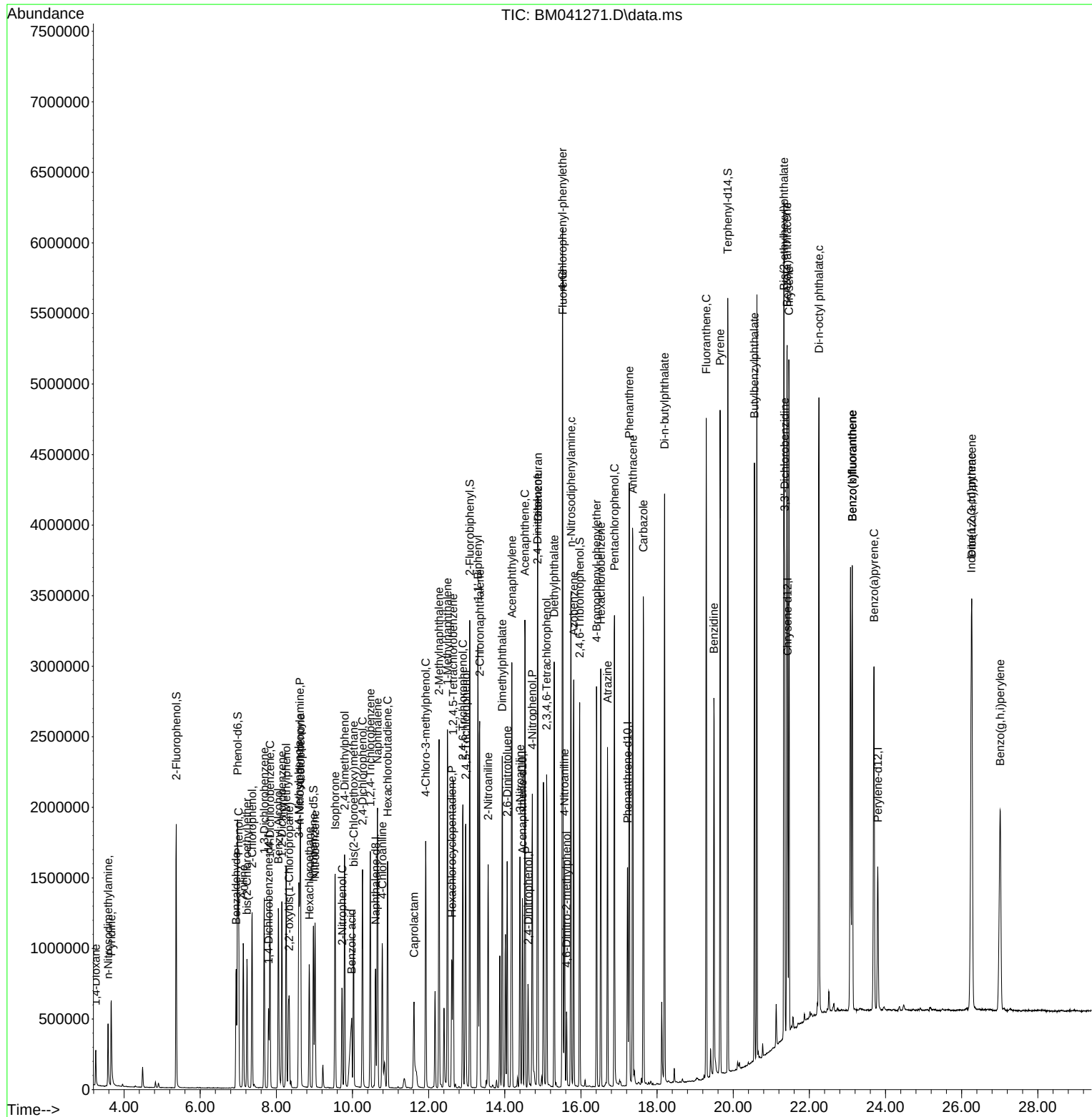
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	491570	47.446	ng	97
46) 1,1'-Biphenyl	13.292	154	1519488	43.578	ng	99
47) 2-Chloronaphthalene	13.339	162	1204019	46.246	ng	98
48) 2-Nitroaniline	13.563	65	407967	49.091	ng	93
49) Acenaphthylene	14.186	152	1962880	46.710	ng	100
50) Dimethylphthalate	13.933	163	1506864	46.575	ng	99
51) 2,6-Dinitrotoluene	14.063	165	304582	45.435	ng	97
52) Acenaphthene	14.527	154	1136173	44.880	ng	99
53) 3-Nitroaniline	14.398	138	385025	49.546	ng	95
54) 2,4-Dinitrophenol	14.616	184	151930	36.948	ng	# 87
55) Dibenzofuran	14.868	168	1891141	45.786	ng	99
56) 4-Nitrophenol	14.721	139	521464	93.336	ng	96
57) 2,4-Dinitrotoluene	14.857	165	415169	43.625	ng	96
58) Fluorene	15.521	166	1529694	46.946	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	425096	50.669	ng	96
60) Diethylphthalate	15.298	149	1532805	48.991	ng	99
61) 4-Chlorophenyl-phenylether	15.516	204	802205	49.130	ng	95
62) 4-Nitroaniline	15.568	138	377164	52.341	ng	97
63) Azobenzene	15.810	77	1569145	45.785	ng	96
65) 4,6-Dinitro-2-methylph...	15.621	198	107262	18.658	ng	94
66) n-Nitrosodiphenylamine	15.739	169	1307695	44.307	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	504388	48.476	ng	99
68) Hexachlorobenzene	16.521	284	592672	51.225	ng	97
69) Atrazine	16.698	200	415473	53.603	ng	100
70) Pentachlorophenol	16.880	266	618003	77.138	ng	99
71) Phenanthrene	17.268	178	2376892	45.080	ng	100
72) Anthracene	17.362	178	2399097	46.006	ng	100
73) Carbazole	17.639	167	2184744	46.288	ng	100
74) Di-n-butylphthalate	18.198	149	2844067	53.324	ng	99
75) Fluoranthene	19.292	202	2692099	45.446	ng	99
77) Benzidine	19.492	184	1608296	156.818	ng	100
78) Pyrene	19.656	202	2733232	51.943	ng	100
80) Butylbenzylphthalate	20.556	149	1237289	64.389	ng	98
81) Benzo(a)anthracene	21.409	228	2510892	49.224	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	978034	58.758	ng	99
83) Chrysene	21.462	228	2262068	45.847	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1833617	59.448	ng	# 96
85) Di-n-octyl phthalate	22.250	149	2933768	60.409	ng	96
87) Indeno(1,2,3-cd)pyrene	26.256	276	2355514	43.462	ng	96
88) Benzo(b)fluoranthene	23.127	252	2110511	48.194	ng	98
89) Benzo(k)fluoranthene	23.127	252	2110511	47.114	ng	99
90) Benzo(a)pyrene	23.697	252	1892867	44.984	ng	98
91) Dibenzo(a,h)anthracene	26.268	278	1983624	43.880	ng	98
92) Benzo(g,h,i)perylene	27.009	276	1839111	41.578	ng	97

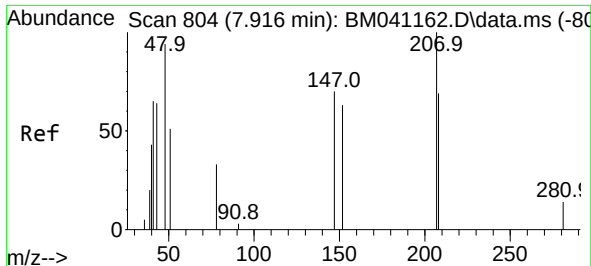
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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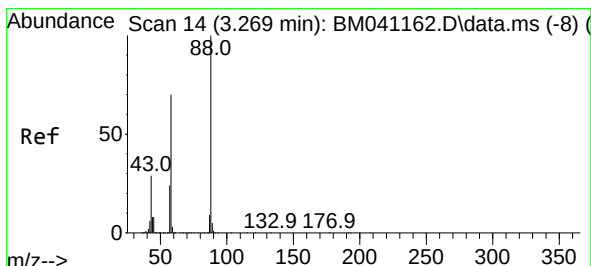
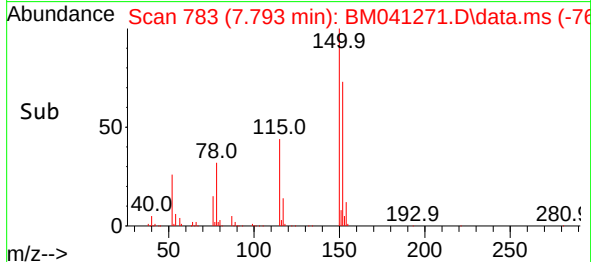
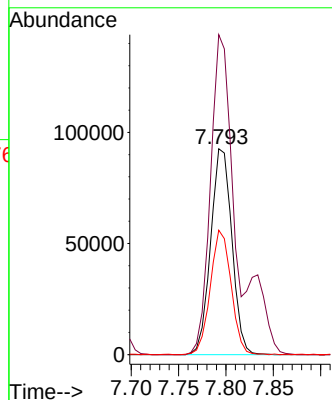
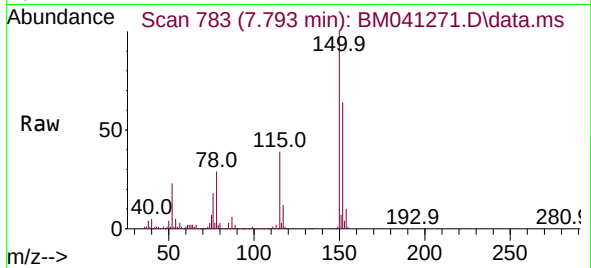




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.793 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BM041271.D
 Acq: 03 Aug 2023 20:52

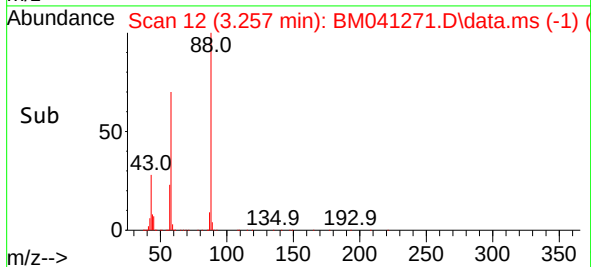
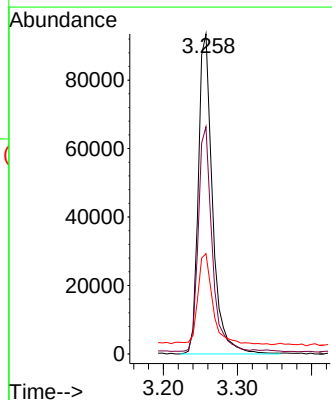
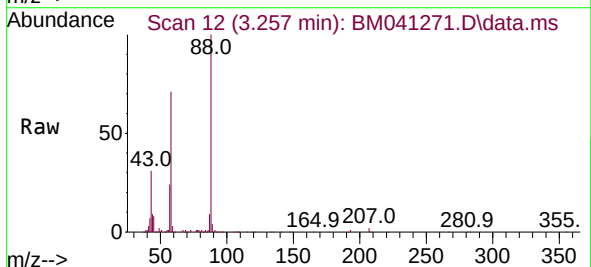
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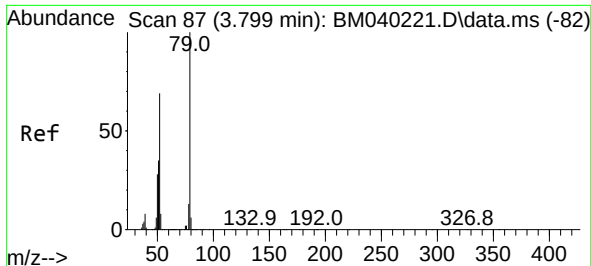
Tgt Ion:152 Resp: 144619
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.5 188.3
 115 60.4 48.0 72.0



#2
 1,4-Dioxane
 Concen: 29.978 ng
 RT: 3.257 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: BM041271.D
 Acq: 03 Aug 2023 20:52

Tgt Ion: 88 Resp: 124090
 Ion Ratio Lower Upper
 88 100
 58 68.3 58.2 87.4
 43 31.2 24.4 36.6

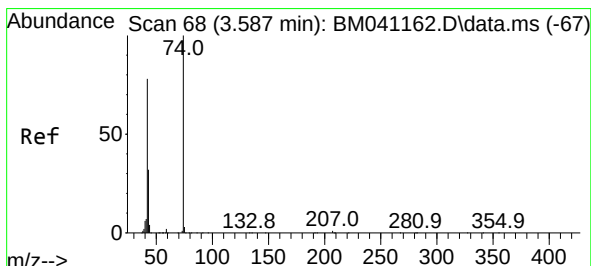
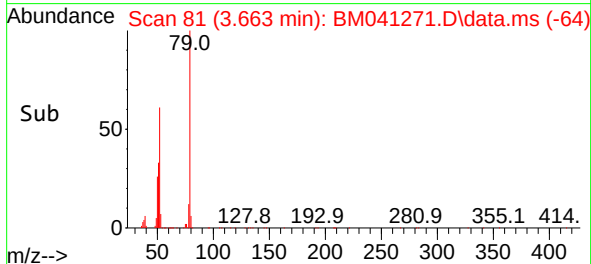
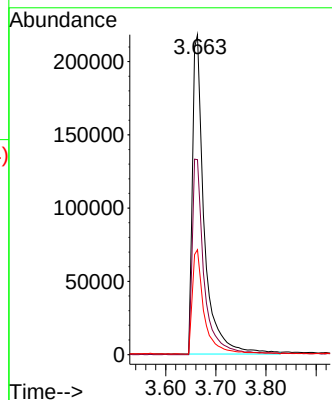
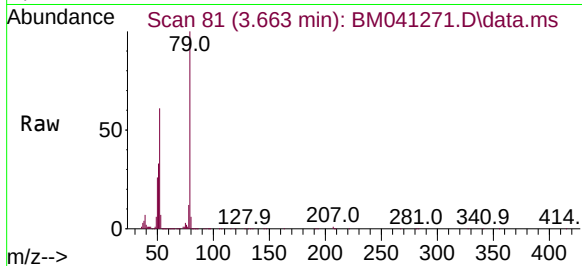




#3
 Pyridine
 Concen: 32.826 ng
 RT: 3.663 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM041271.D
 Acq: 03 Aug 2023 20:52

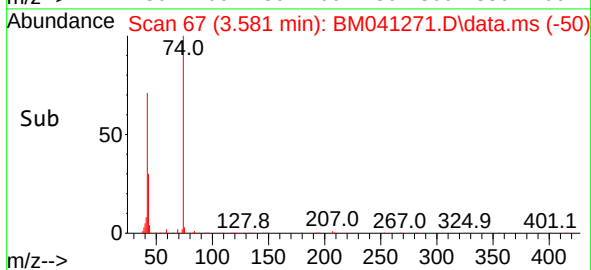
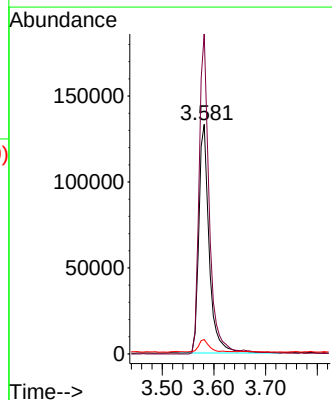
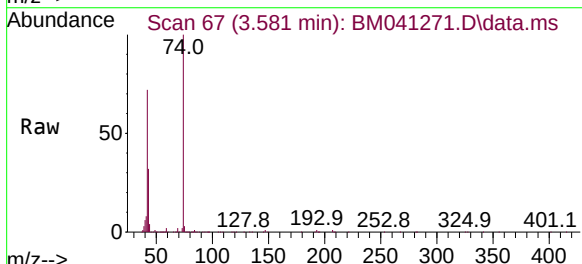
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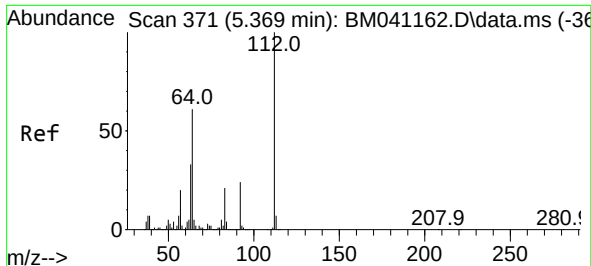
Tgt Ion: 79 Resp: 357272
 Ion Ratio Lower Upper
 79 100
 52 60.9 52.1 78.1
 51 32.8 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 36.513 ng
 RT: 3.581 min Scan# 67
 Delta R.T. -0.000 min
 Lab File: BM041271.D
 Acq: 03 Aug 2023 20:52

Tgt Ion: 42 Resp: 183797
 Ion Ratio Lower Upper
 42 100
 74 139.5 100.8 151.2
 44 6.2 5.0 7.4

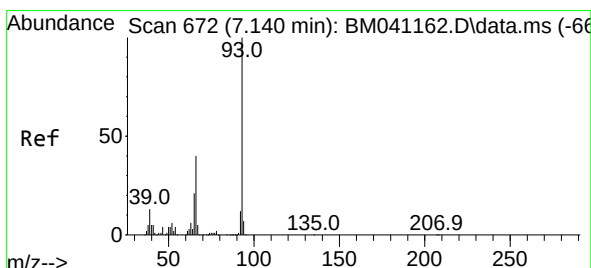
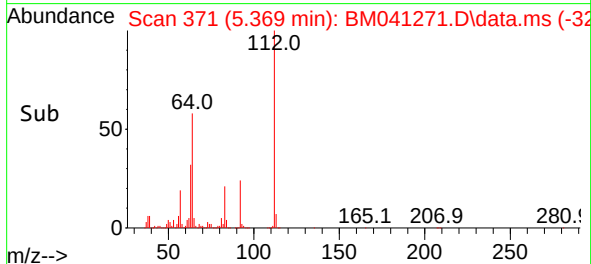
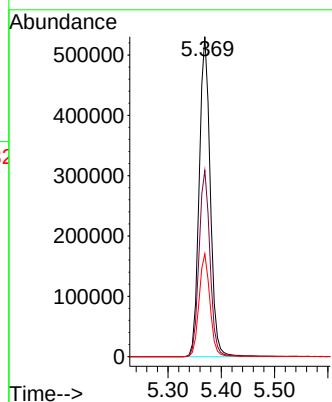
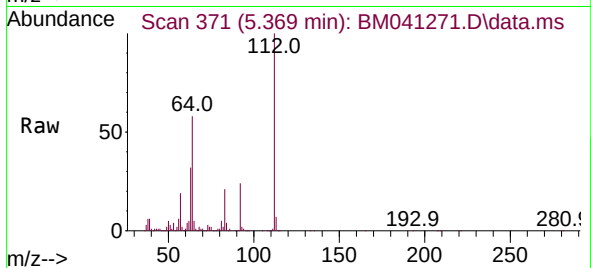




#5
2-Fluorophenol
Concen: 78.606 ng
RT: 5.369 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041271.D
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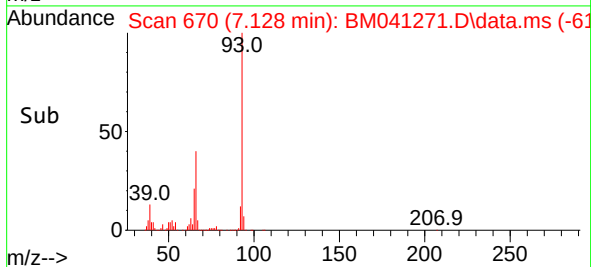
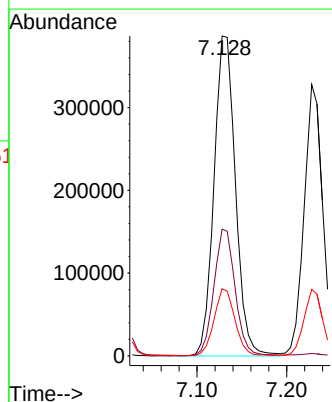
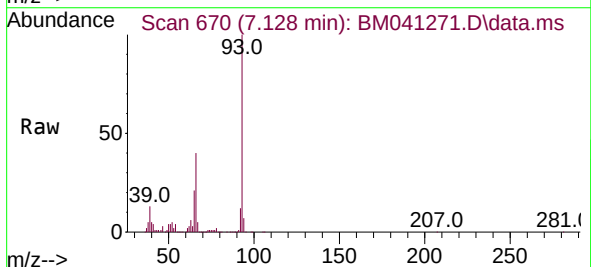
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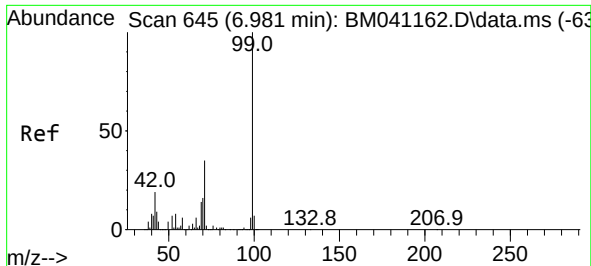
Tgt Ion:112 Resp: 760607
Ion Ratio Lower Upper
112 100
64 58.2 48.5 72.7
63 32.1 26.5 39.7



#6
Aniline
Concen: 44.023 ng
RT: 7.128 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion: 93 Resp: 646200
Ion Ratio Lower Upper
93 100
66 39.6 32.0 48.0
65 21.0 16.6 24.8

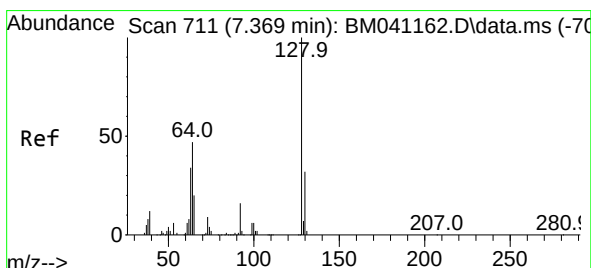
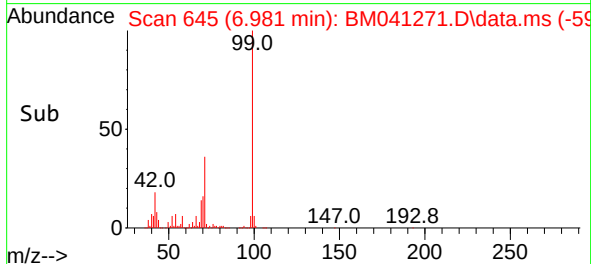
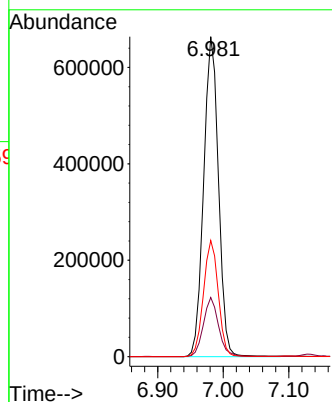
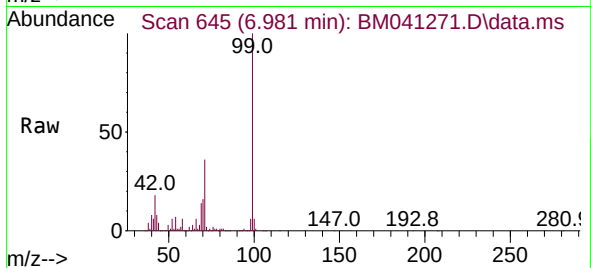




#7
Phenol-d6
Concen: 82.668 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041271.D
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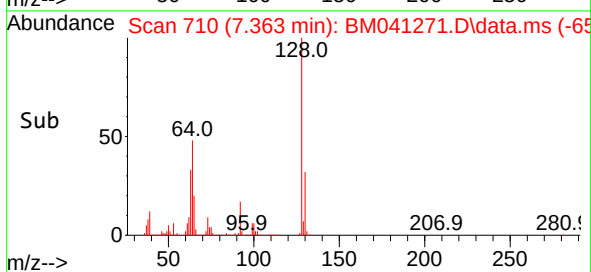
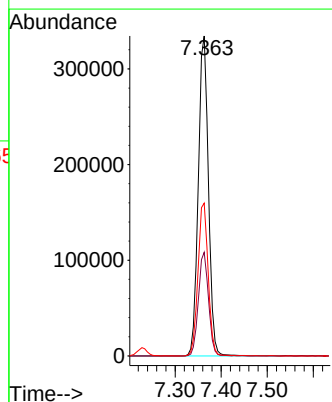
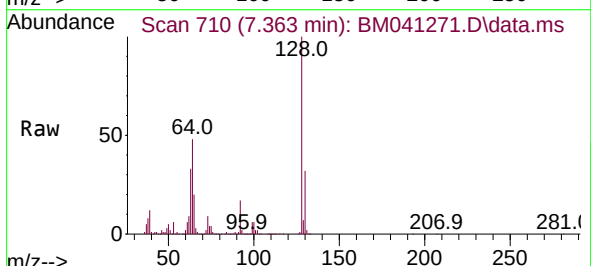
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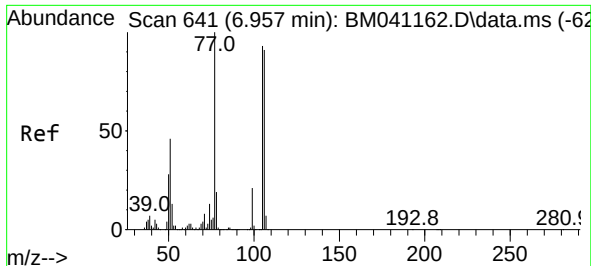
Tgt Ion: 99 Resp: 1036876
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 36.3 28.2 42.4



#8
2-Chlorophenol
Concen: 53.846 ng
RT: 7.363 min Scan# 710
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion: 128 Resp: 508646
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 47.7 29.3 69.3

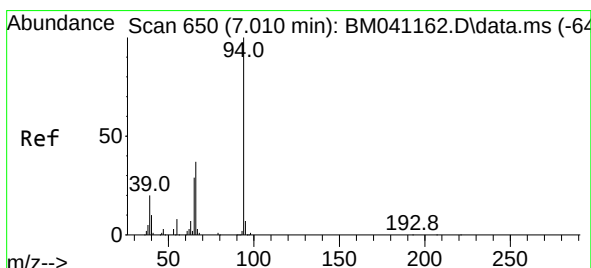
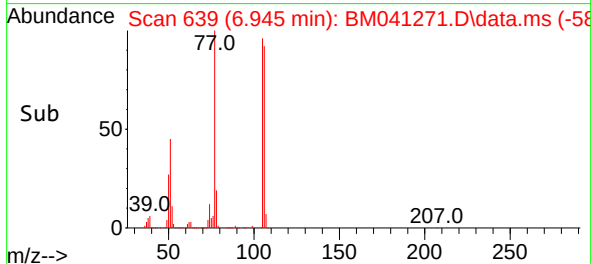
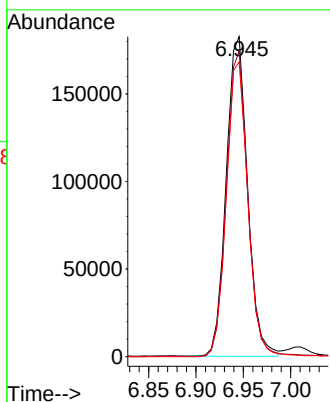
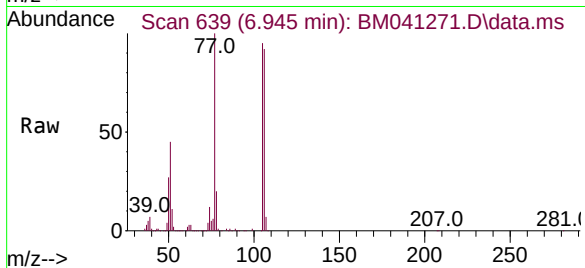




#9
Benzaldehyde
Concen: 43.390 ng
RT: 6.945 min Scan# 639
Delta R.T. -0.000 min
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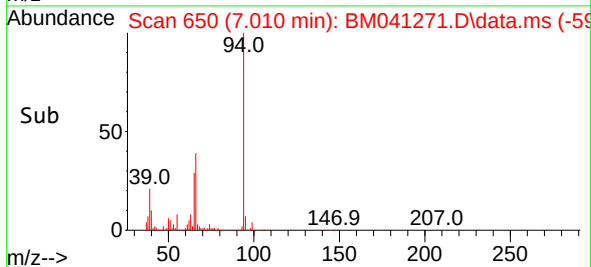
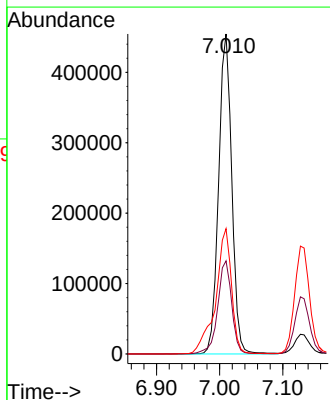
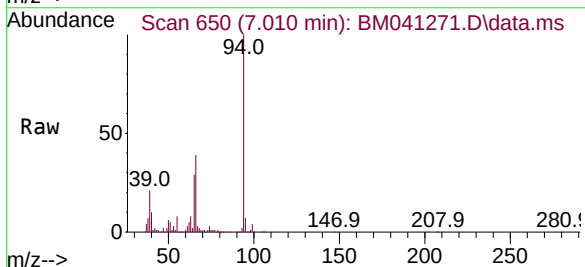
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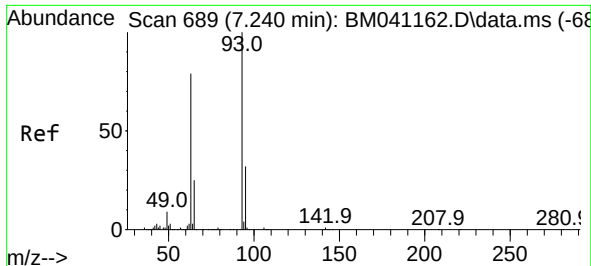
Tgt Ion: 77 Resp: 287163
Ion Ratio Lower Upper
77 100
105 95.5 72.8 112.8
106 92.1 70.8 110.8



#10
Phenol
Concen: 54.204 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion: 94 Resp: 656636
Ion Ratio Lower Upper
94 100
65 29.1 9.5 49.5
66 39.1 18.0 58.0

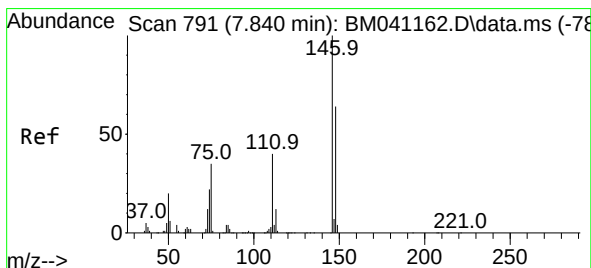
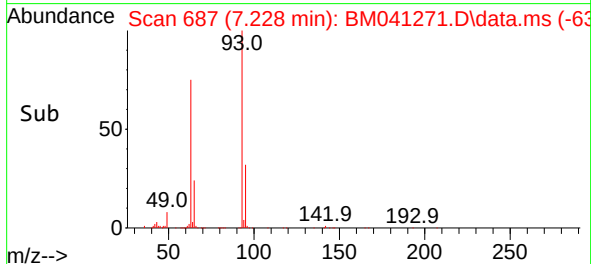
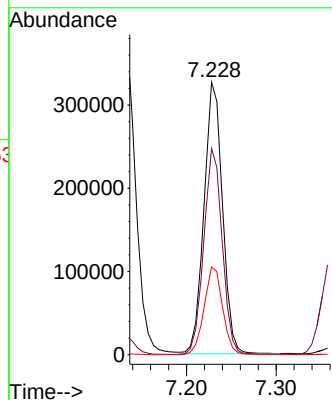
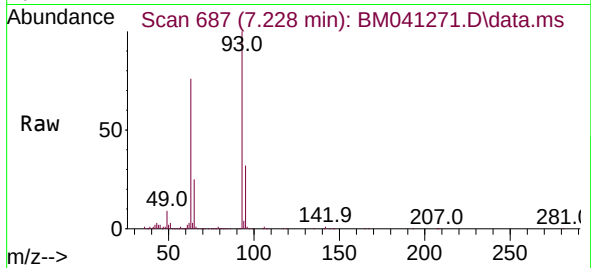




#11
bis(2-Chloroethyl)ether
Concen: 47.636 ng
RT: 7.228 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

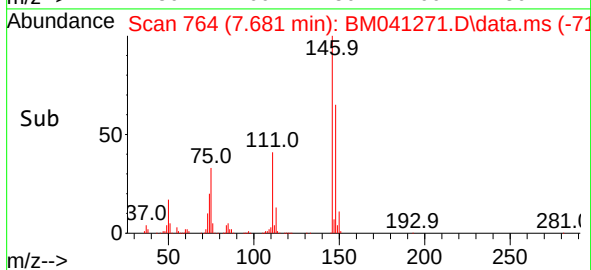
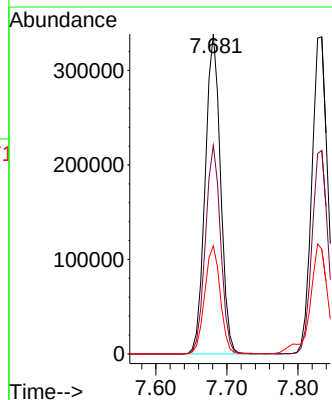
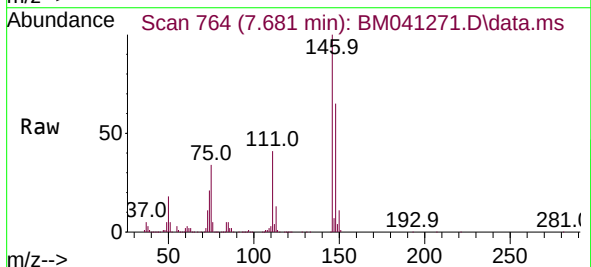
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

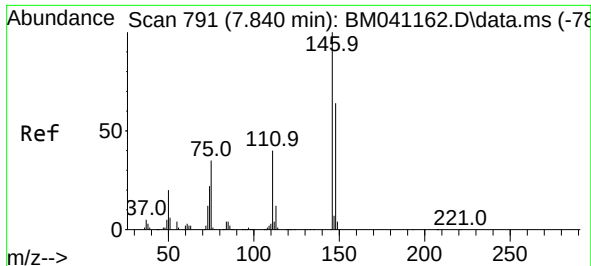
Tgt Ion: 93 Resp: 467115
Ion Ratio Lower Upper
93 100
63 75.6 58.8 98.8
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 49.116 ng
RT: 7.681 min Scan# 764
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion: 146 Resp: 505042
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
75 33.8 28.3 42.5

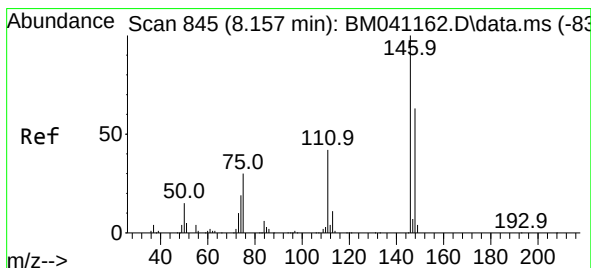
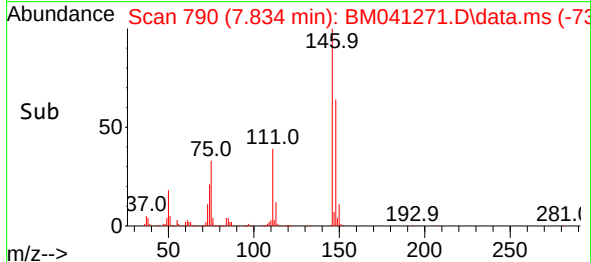
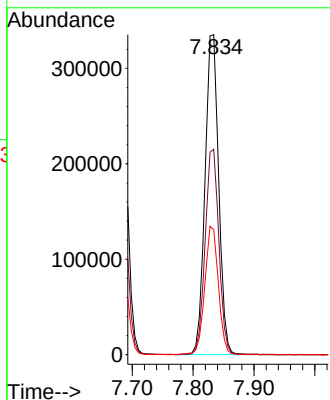
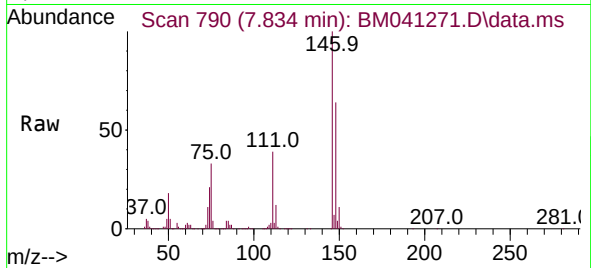




#13
1,4-Dichlorobenzene
Concen: 50.519 ng
RT: 7.834 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

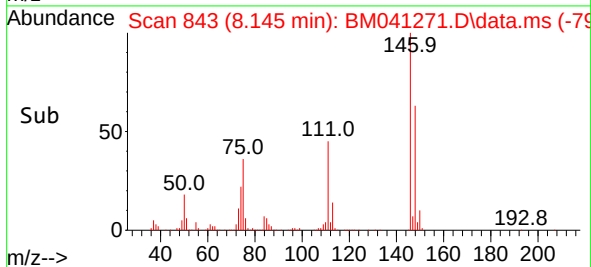
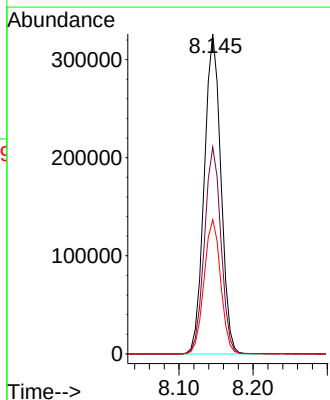
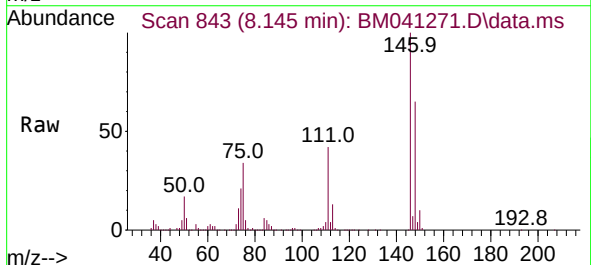
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

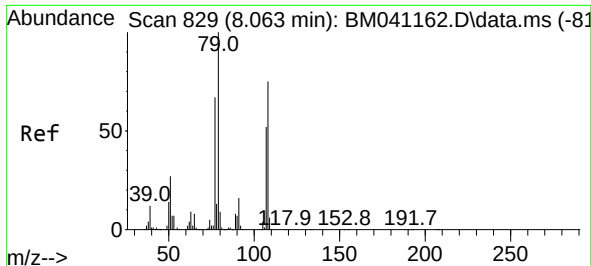
Tgt Ion:146 Resp: 522125
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
111 39.0 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 51.235 ng
RT: 8.145 min Scan# 843
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:146 Resp: 507723
Ion Ratio Lower Upper
146 100
148 64.6 50.9 76.3
111 41.9 33.8 50.6

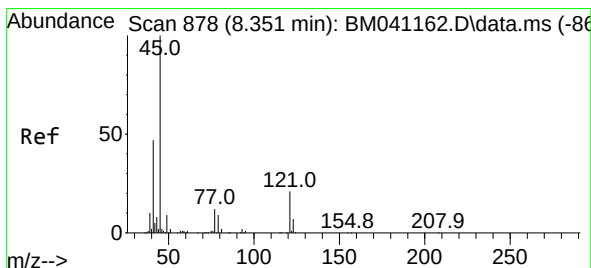
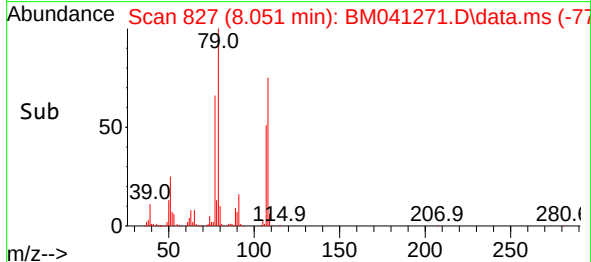
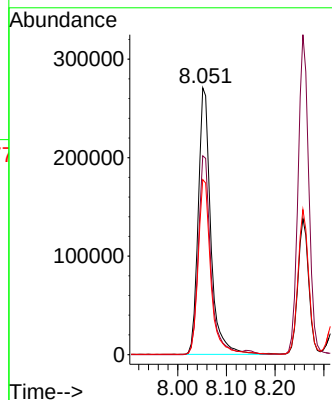
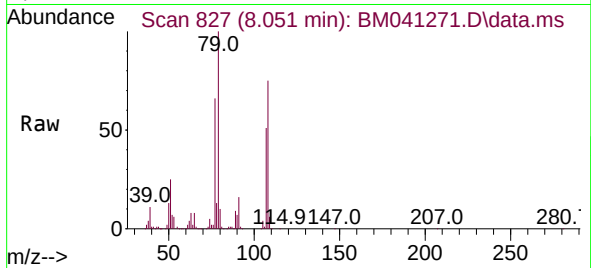




#15
Benzyl Alcohol
Concen: 60.894 ng
RT: 8.051 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

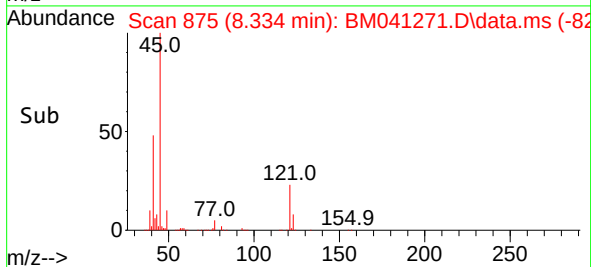
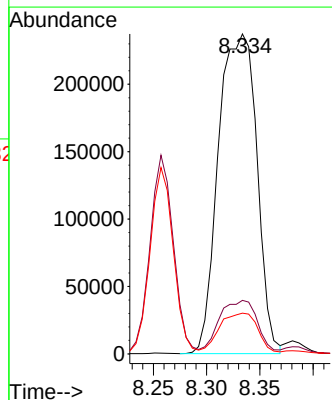
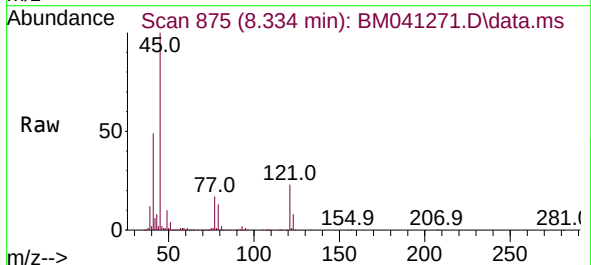
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

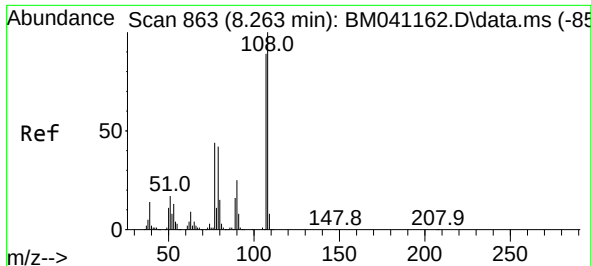
Tgt Ion: 79 Resp: 482332
Ion Ratio Lower Upper
79 100
108 74.5 59.8 89.8
77 65.6 53.8 80.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.448 ng
RT: 8.334 min Scan# 875
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion: 45 Resp: 593794
Ion Ratio Lower Upper
45 100
77 16.7 0.0 34.5
79 12.7 0.0 32.1





#17

2-Methylphenol

Concen: 53.411 ng

RT: 8.257 min Scan# 80

Delta R.T. -0.000 min

Lab File: BM041271.D

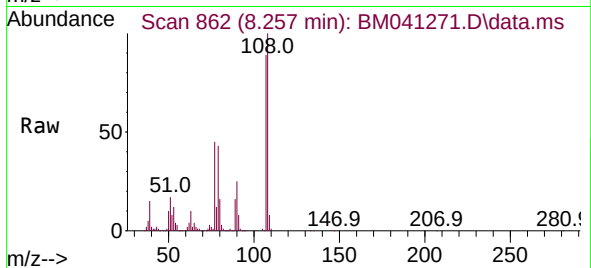
Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS



Tgt Ion:107 Resp: 442044

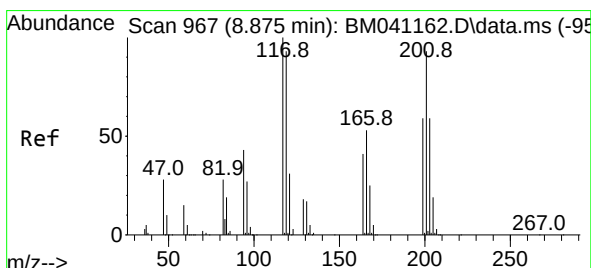
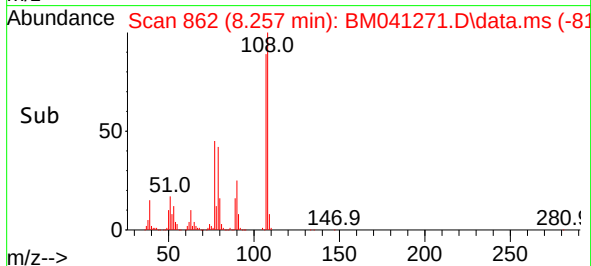
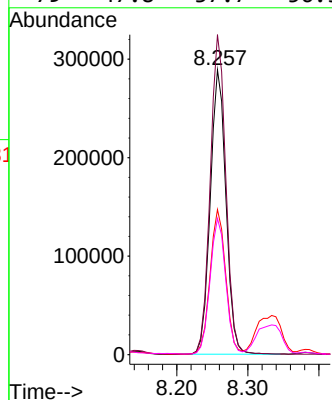
Ion Ratio Lower Upper

107 100

108 112.4 89.9 134.9

77 51.0 39.8 59.8

79 47.8 37.7 56.5



#18

Hexachloroethane

Concen: 40.638 ng

RT: 8.863 min Scan# 965

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

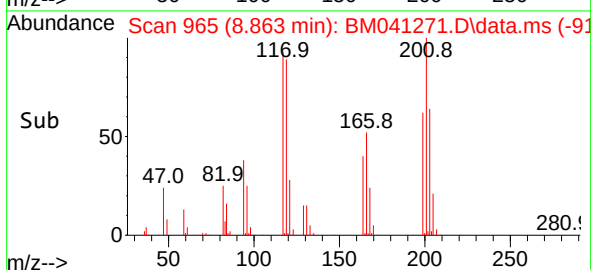
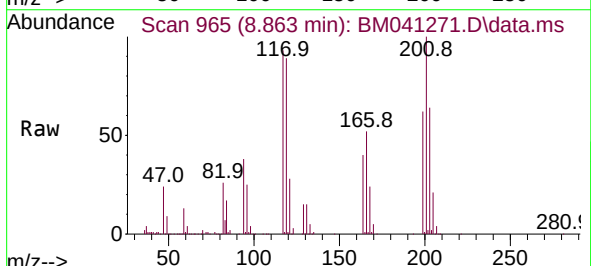
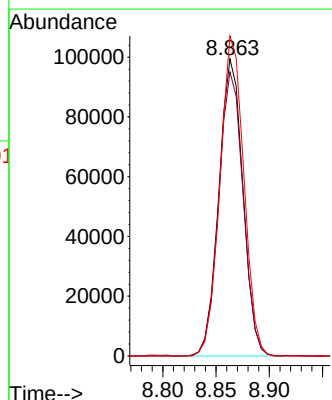
Tgt Ion:117 Resp: 156364

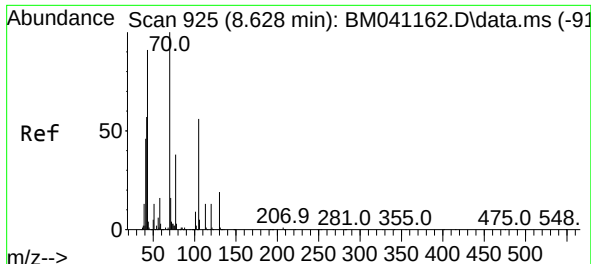
Ion Ratio Lower Upper

117 100

119 95.7 74.2 111.4

201 107.7 74.5 111.7

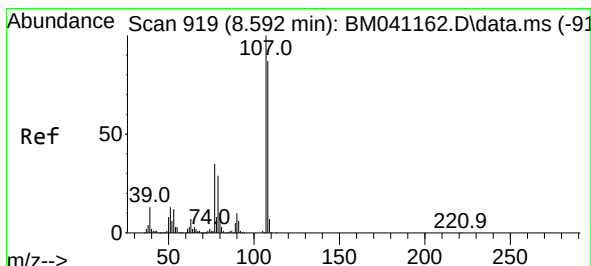
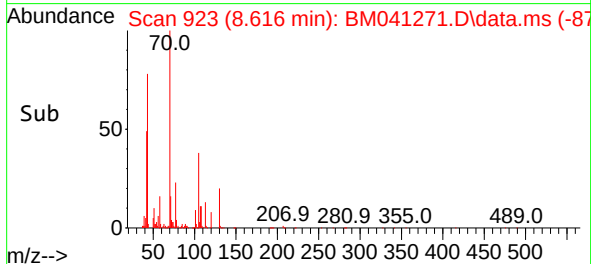
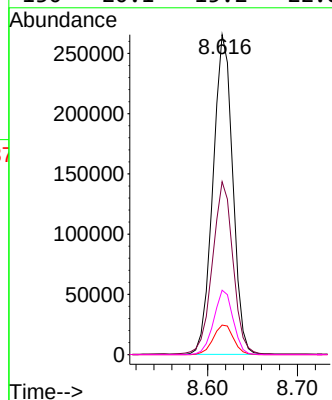
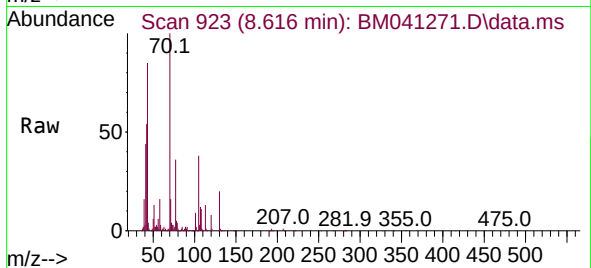




#19
n-Nitroso-di-n-propylamine
Concen: 53.221 ng
RT: 8.616 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

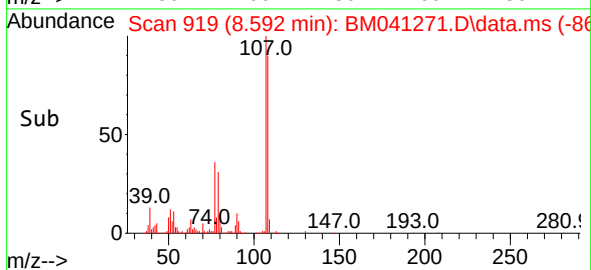
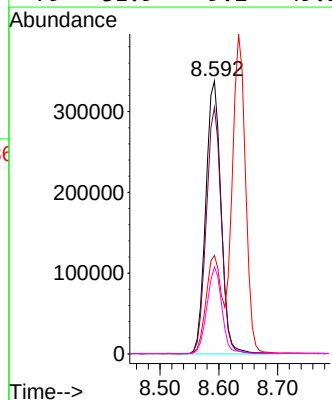
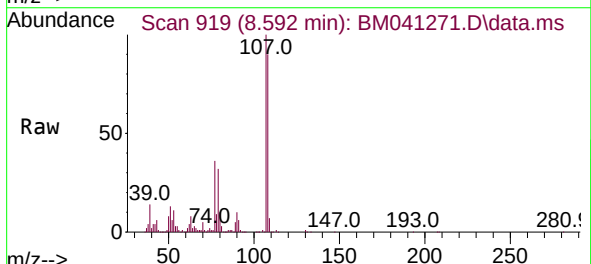
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

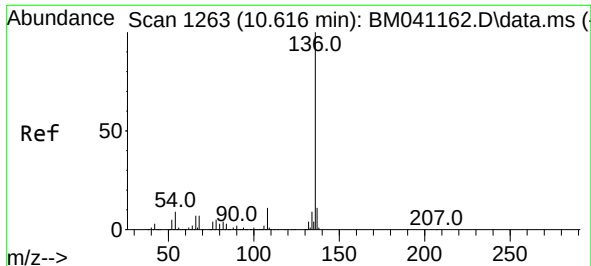
Tgt Ion:	70	Resp:	405456
Ion	Ratio	Lower	Upper
70	100		
42	54.0	45.8	68.8
101	9.2	7.4	11.0
130	20.1	15.2	22.8



#20
3+4-Methylphenols
Concen: 55.180 ng
RT: 8.592 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:	107	Resp:	610622
Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.2	107.2
77	36.1	15.4	55.4
79	31.9	9.2	49.2

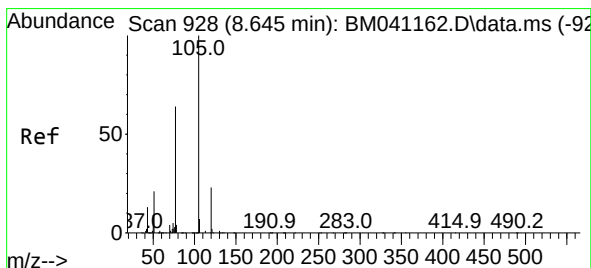
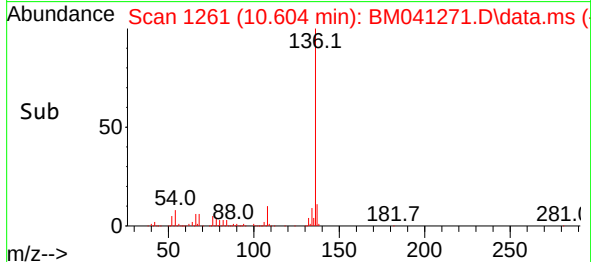
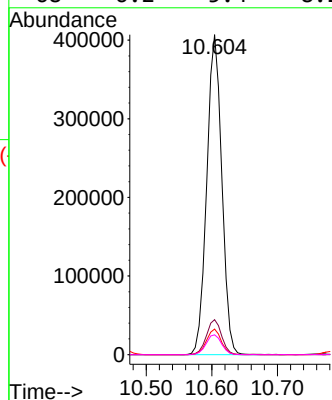
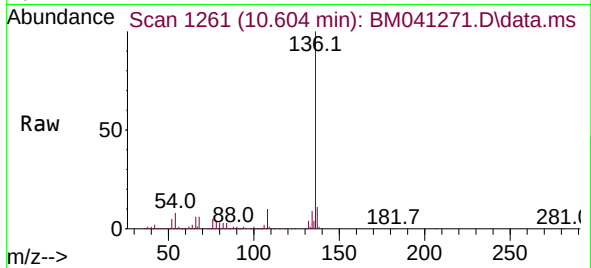




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

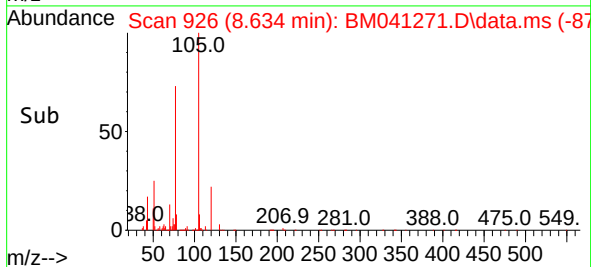
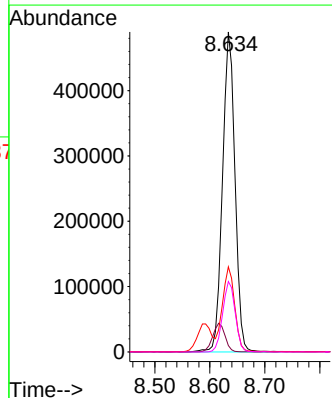
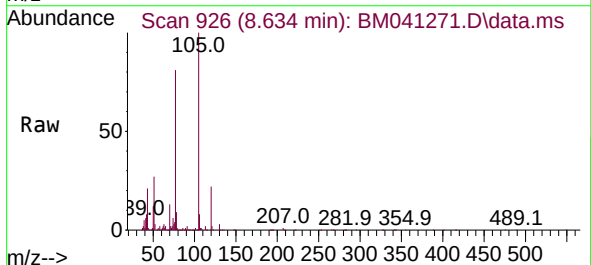
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

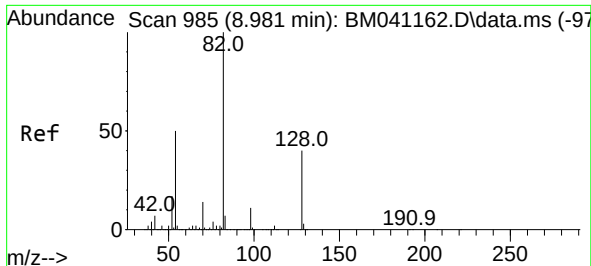
Tgt	Ion:136	Resp:	645383
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	6.9	10.3
68	6.2	5.4	8.2



#22
Acetophenone
Concen: 45.096 ng
RT: 8.634 min Scan# 926
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt	Ion:105	Resp:	770810
Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.2	1.8#
51	26.6	22.0	33.0
120	22.0	18.0	27.0

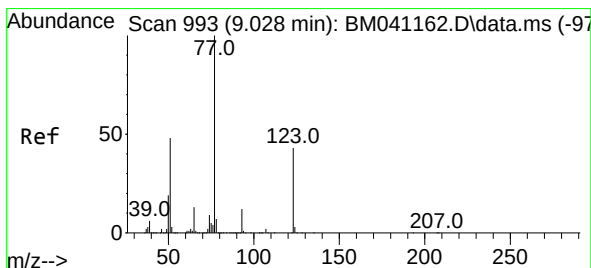
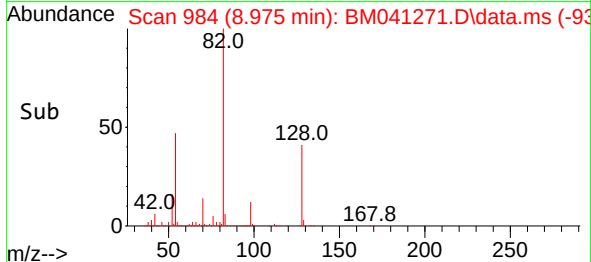
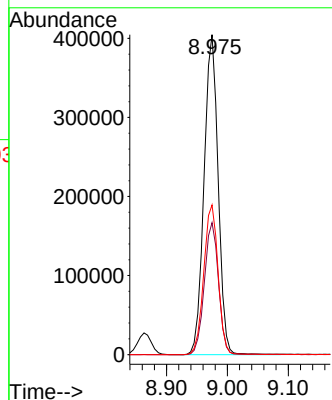
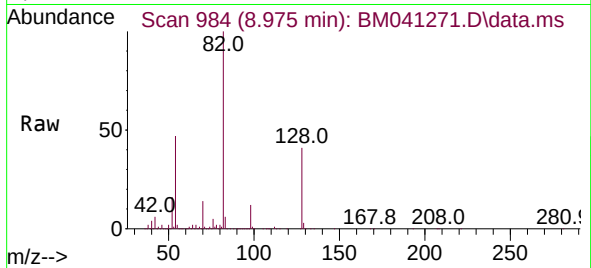




#23
Nitrobenzene-d5
Concen: 46.828 ng
RT: 8.975 min Scan# 984
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

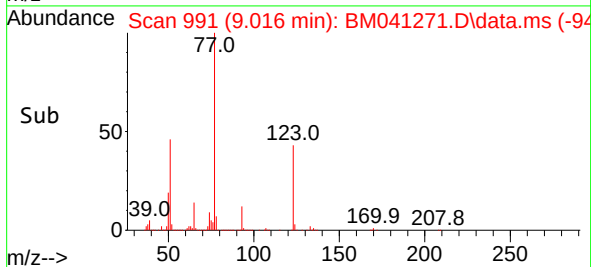
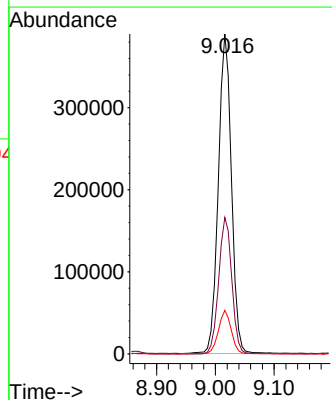
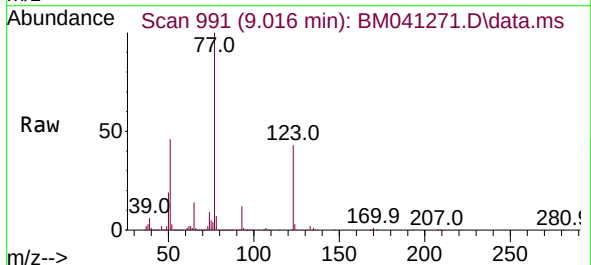
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

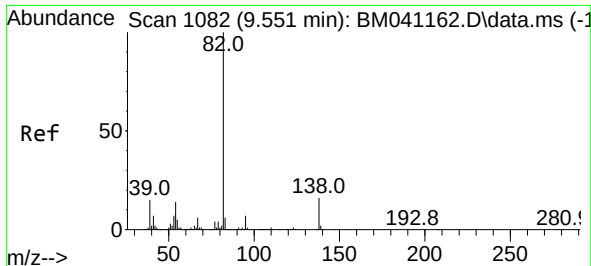
Tgt Ion: 82 Resp: 649866
Ion Ratio Lower Upper
82 100
128 41.2 31.8 47.6
54 46.8 40.1 60.1



#24
Nitrobenzene
Concen: 42.827 ng
RT: 9.016 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion: 77 Resp: 601049
Ion Ratio Lower Upper
77 100
123 42.6 34.2 51.2
65 13.6 10.7 16.1

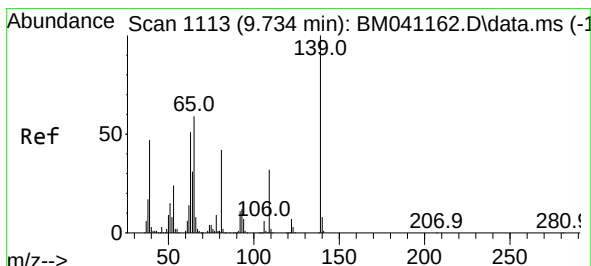
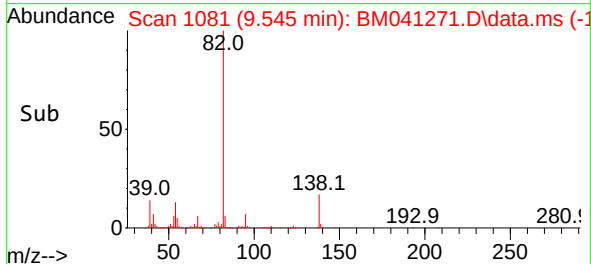
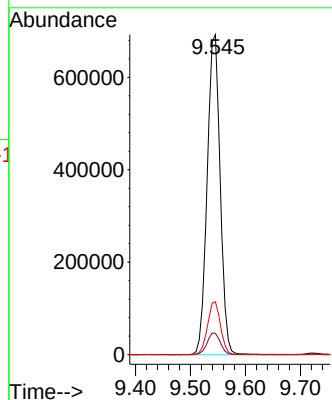
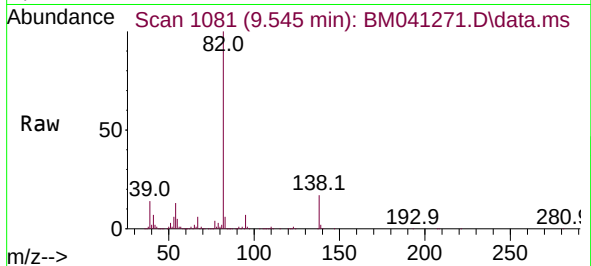




#25
Isophorone
Concen: 48.252 ng
RT: 9.545 min Scan# 1081
Delta R.T. 0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

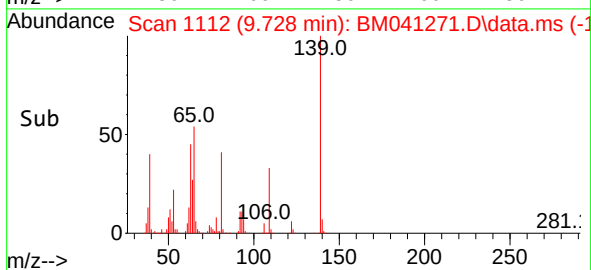
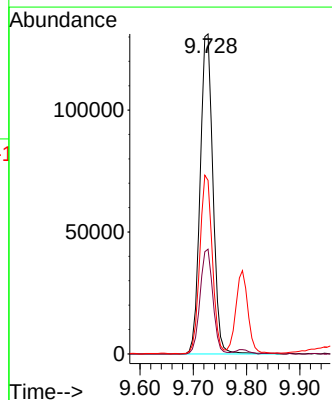
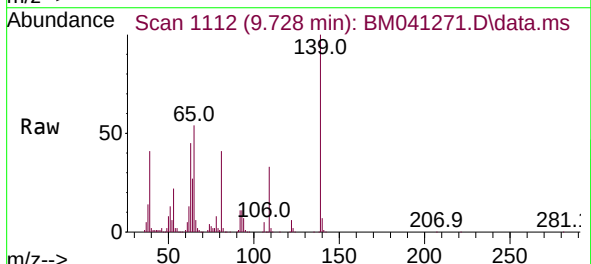
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

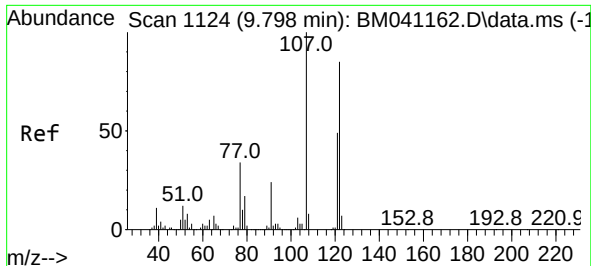
Tgt Ion: 82 Resp: 1136706
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 16.5 12.8 19.2



#26
2-Nitrophenol
Concen: 39.781 ng
RT: 9.728 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion: 139 Resp: 218254
Ion Ratio Lower Upper
139 100
109 32.8 25.4 38.2
65 54.2 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 46.856 ng

RT: 9.792 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS

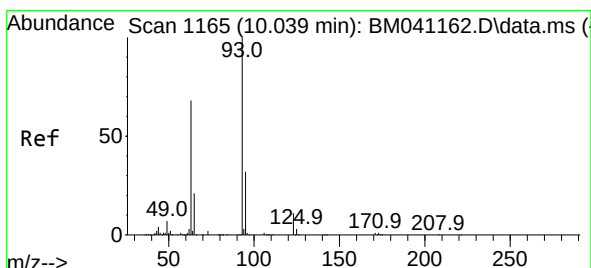
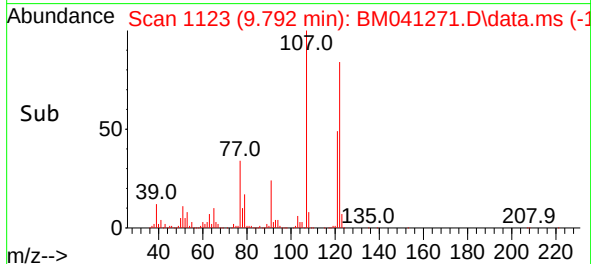
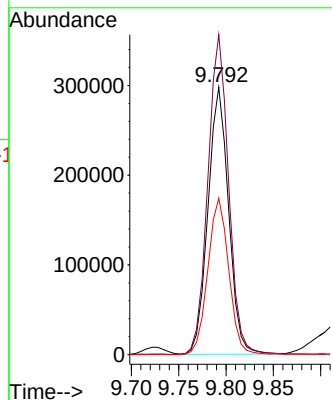
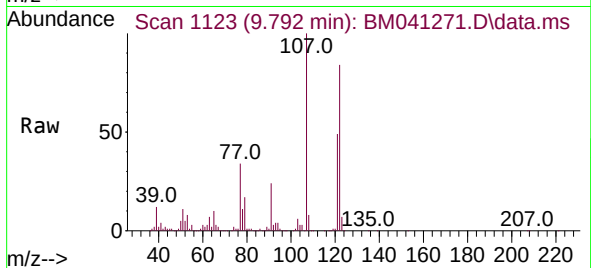
Tgt Ion:122 Resp: 452360

Ion Ratio Lower Upper

122 100

107 119.6 94.3 141.5

121 58.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.598 ng

RT: 10.028 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

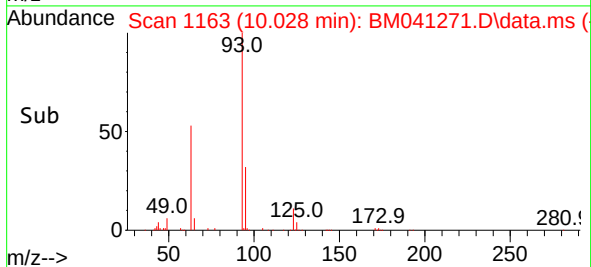
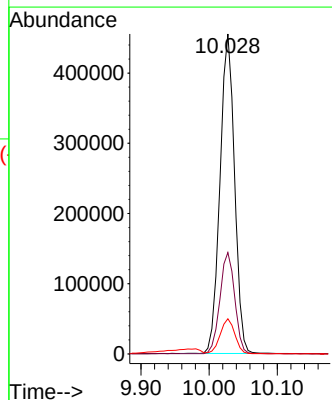
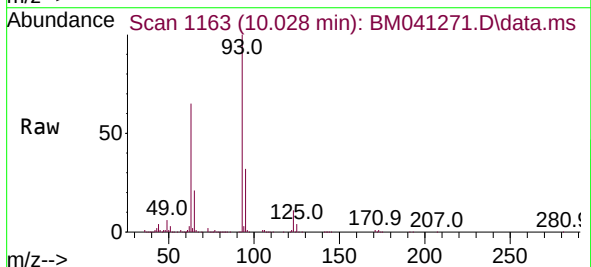
Tgt Ion: 93 Resp: 672872

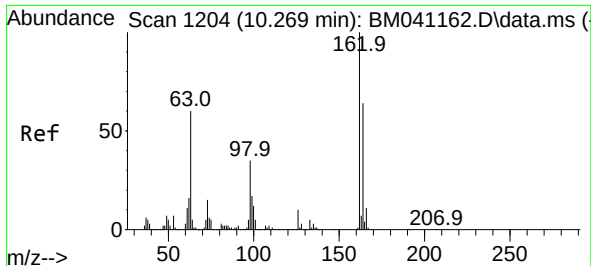
Ion Ratio Lower Upper

93 100

95 31.7 25.9 38.9

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.125 ng

RT: 10.263 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS

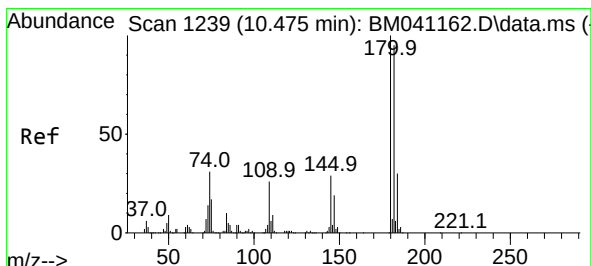
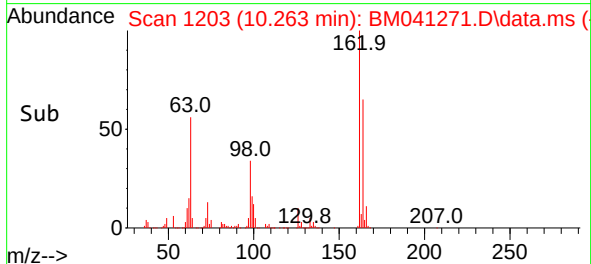
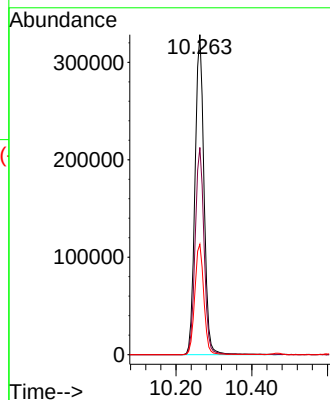
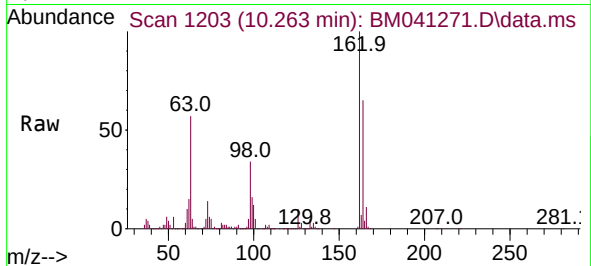
Tgt Ion:162 Resp: 536687

Ion Ratio Lower Upper

162 100

164 64.7 44.3 84.3

98 34.5 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 50.036 ng

RT: 10.469 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

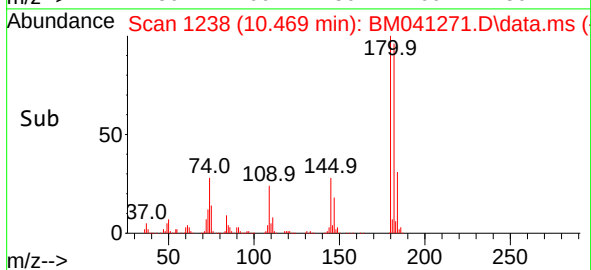
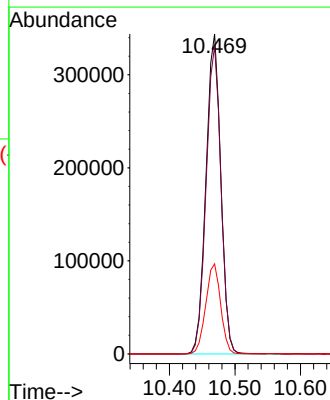
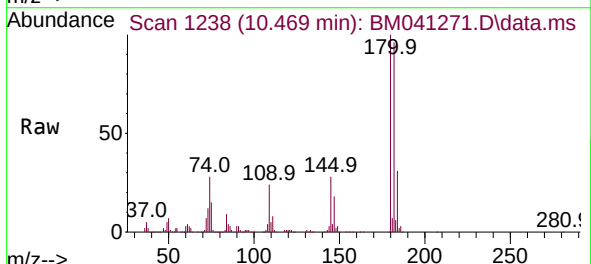
Tgt Ion:180 Resp: 538216

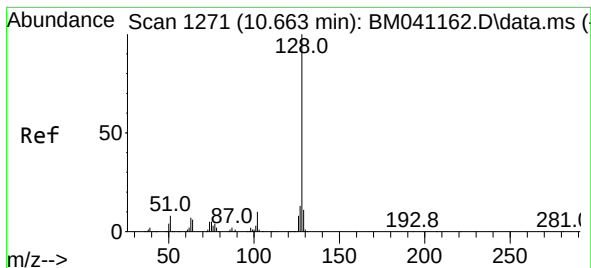
Ion Ratio Lower Upper

180 100

182 96.3 75.9 113.9

145 28.1 23.6 35.4





#31

Naphthalene

Concen: 44.784 ng

RT: 10.657 min Scan# 1154

Delta R.T. 0.006 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS

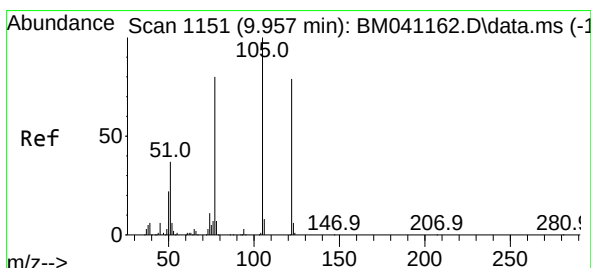
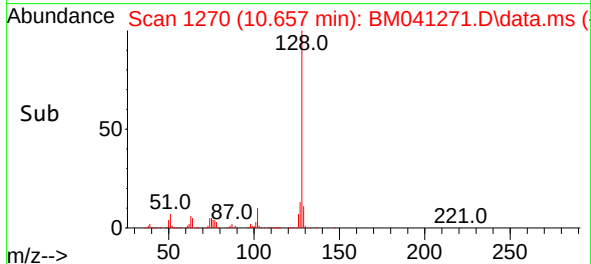
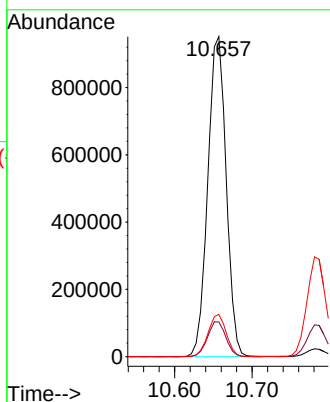
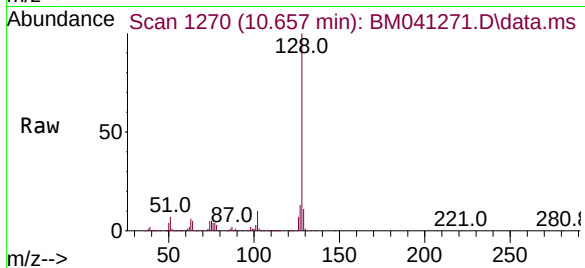
Tgt Ion:128 Resp: 1568423

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 50.391 ng

RT: 9.975 min Scan# 1154

Delta R.T. 0.018 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

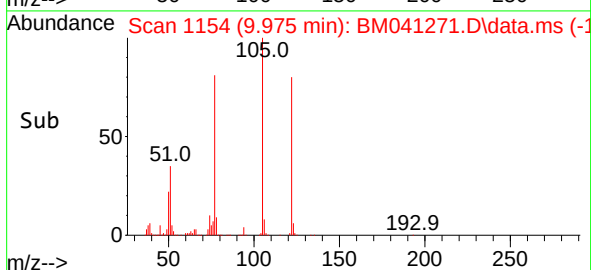
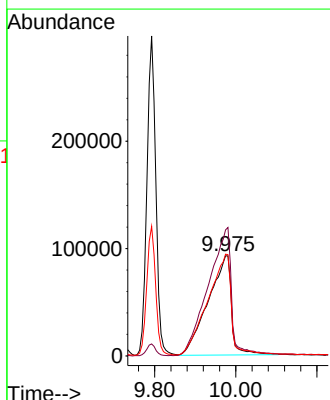
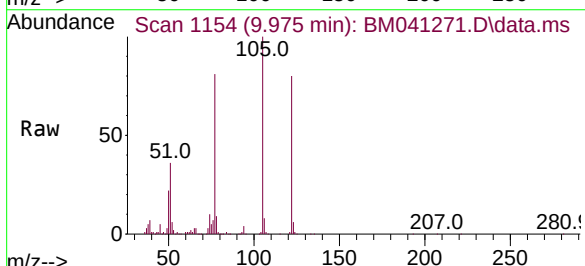
Tgt Ion:122 Resp: 368410

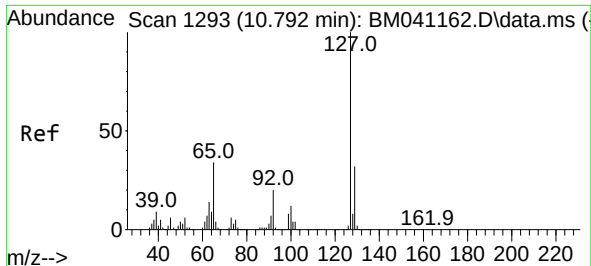
Ion Ratio Lower Upper

122 100

105 125.8 104.0 144.0

77 101.6 79.9 119.9

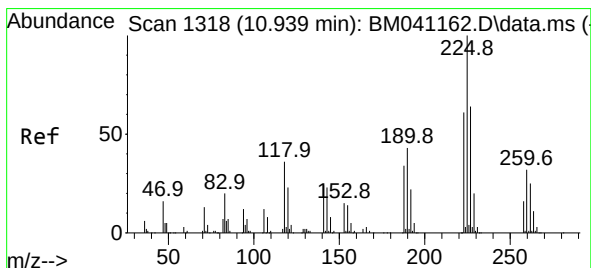
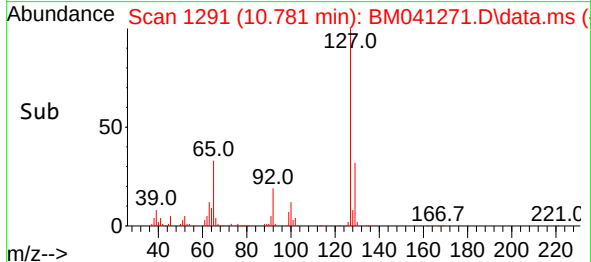
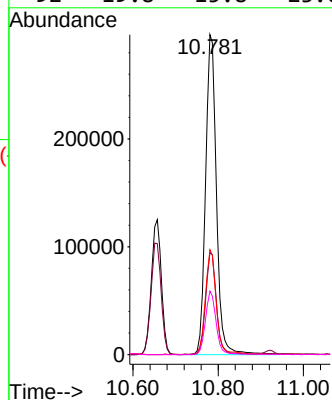
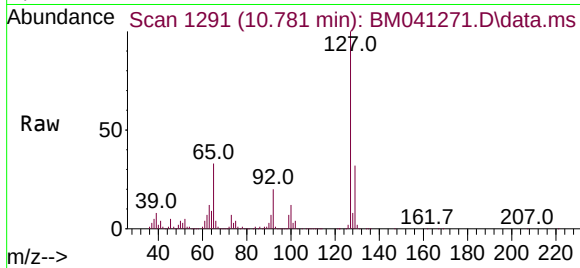




#33
4-Chloroaniline
Concen: 37.554 ng
RT: 10.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

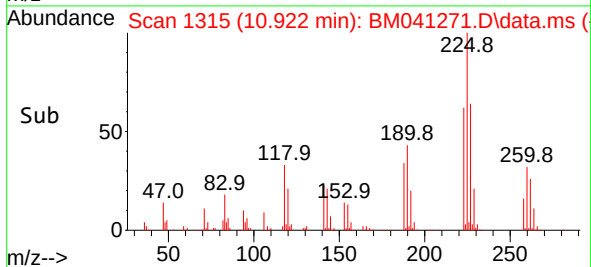
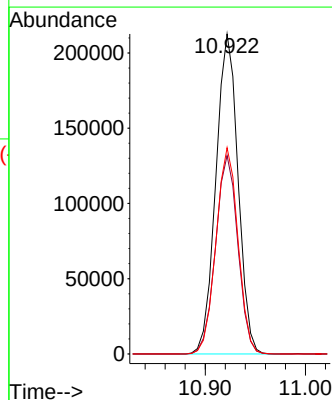
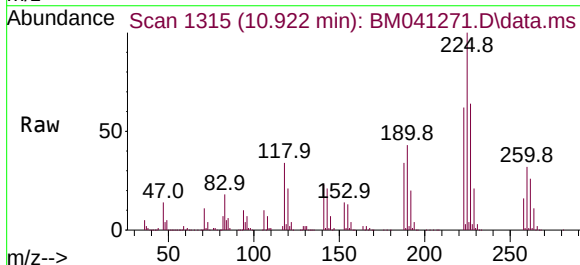
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

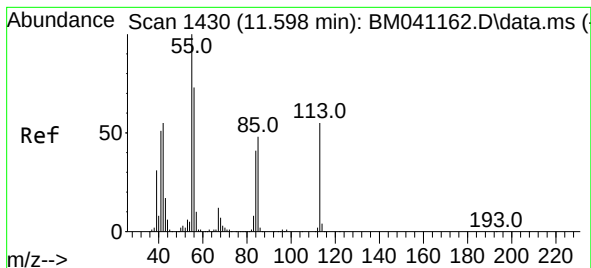
Tgt Ion:127	Resp: 525611
Ion Ratio	Lower Upper
127 100	
129 31.9	25.9 38.9
65 32.8	26.9 40.3
92 19.8	15.8 23.6



#34
Hexachlorobutadiene
Concen: 50.450 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt	Ion:225	Resp:	326377
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.0	73.4
227	64.4	50.8	76.2

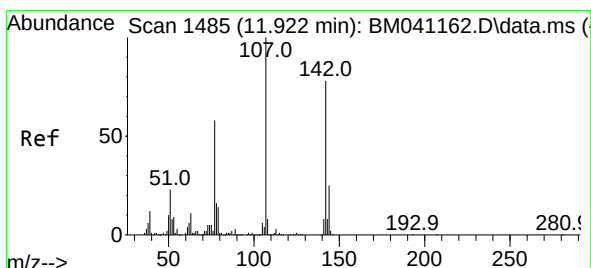
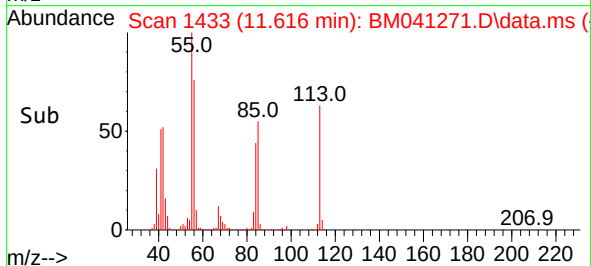
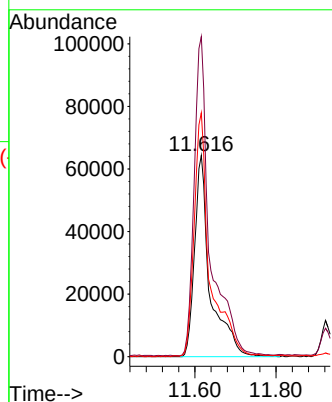
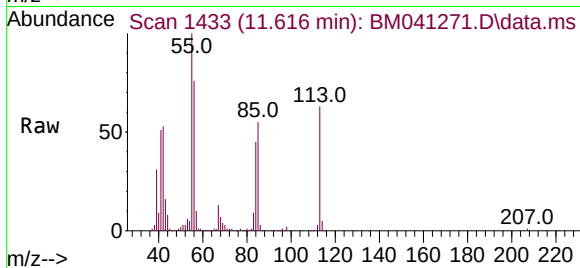




#35
 Caprolactam
 Concen: 60.753 ng
 RT: 11.616 min Scan# 1433
 Delta R.T. 0.018 min
 Lab File: BM041271.D
 Acq: 03 Aug 2023 20:52

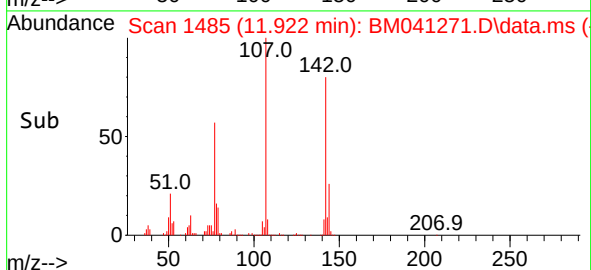
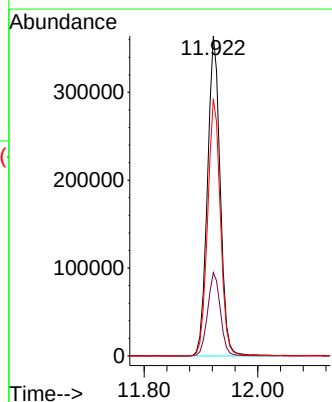
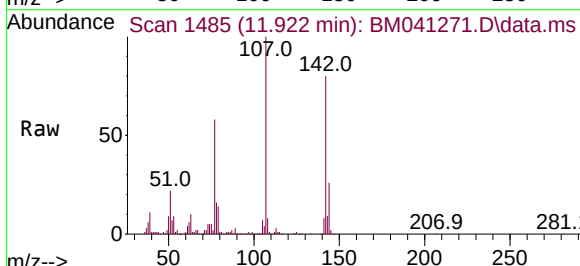
Instrument :
 BNA_M
 ClientSampleId :
 307/308-TP-6-8-CS3MS

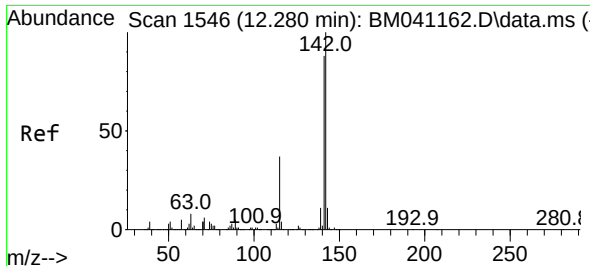
Tgt Ion:113 Resp: 171103
 Ion Ratio Lower Upper
 113 100
 55 159.1 162.5 202.5#
 56 121.2 114.1 154.1



#36
 4-Chloro-3-methylphenol
 Concen: 55.497 ng
 RT: 11.922 min Scan# 1485
 Delta R.T. -0.000 min
 Lab File: BM041271.D
 Acq: 03 Aug 2023 20:52

Tgt Ion:107 Resp: 568682
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.1 30.1
 142 80.4 62.2 93.4

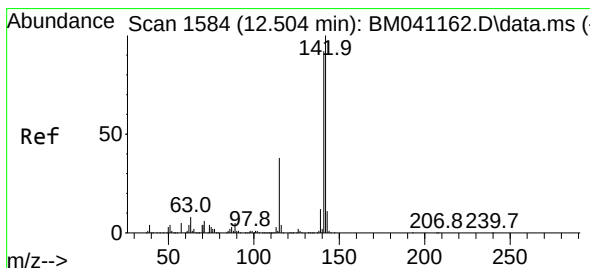
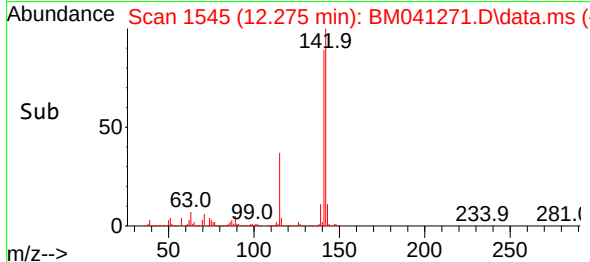
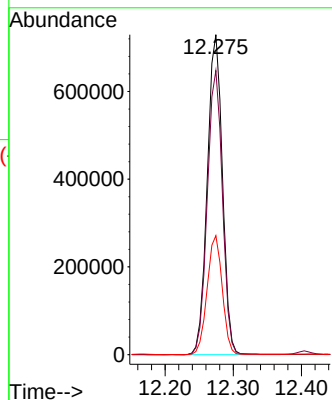
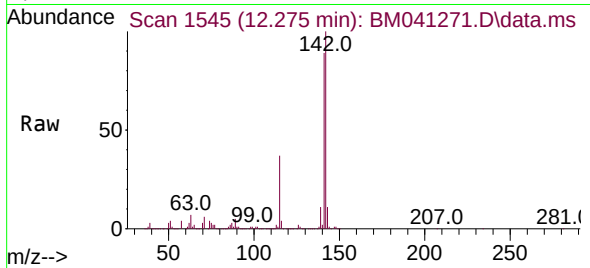




#37
2-Methylnaphthalene
Concen: 47.654 ng
RT: 12.275 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

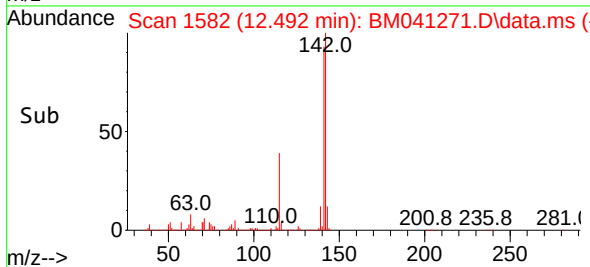
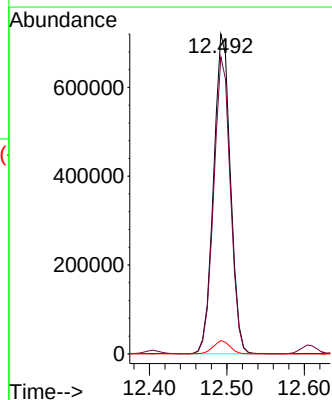
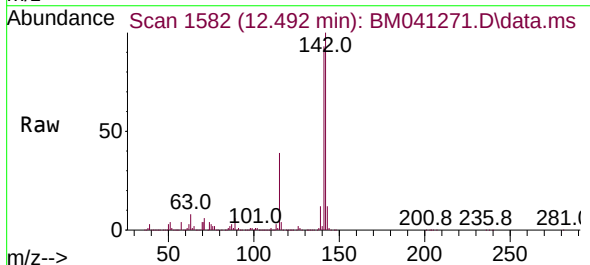
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

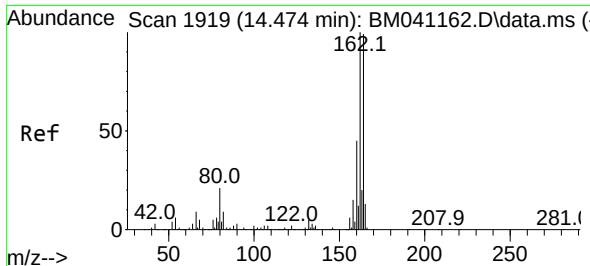
Tgt Ion:142 Resp: 1125168
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1
115 37.2 29.3 43.9



#38
1-Methylnaphthalene
Concen: 49.250 ng
RT: 12.492 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:142 Resp: 1088363
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.2
116 4.2 3.2 4.8

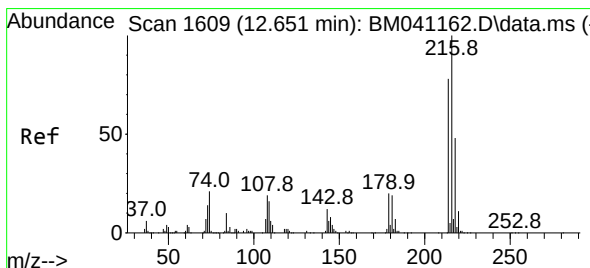
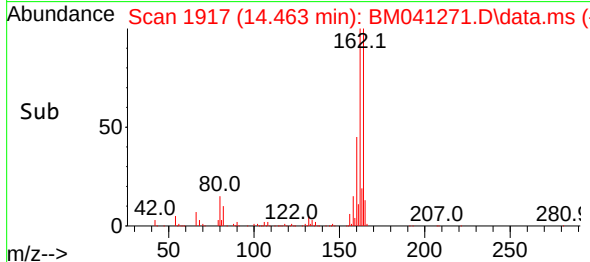
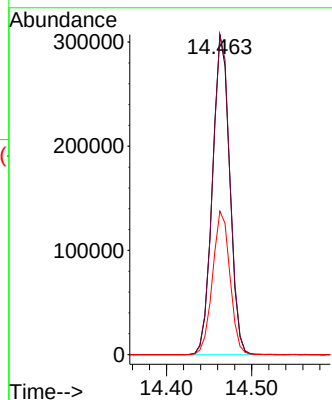
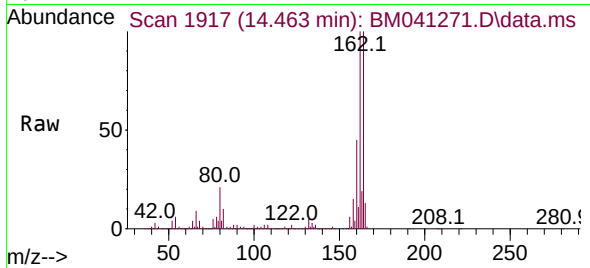




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

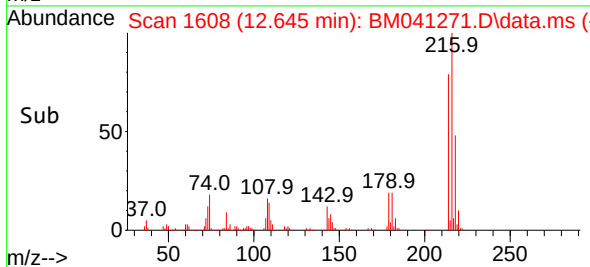
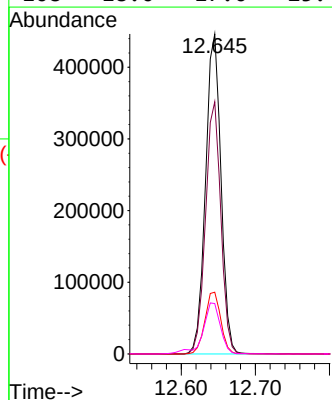
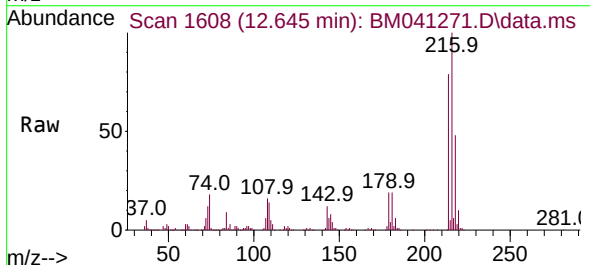
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

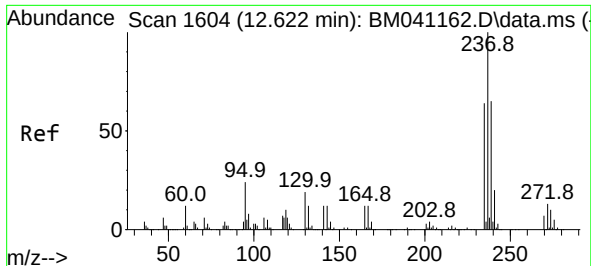
Tgt Ion:164 Resp: 430109
Ion Ratio Lower Upper
164 100
162 100.1 80.4 120.6
160 44.9 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.121 ng
RT: 12.645 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

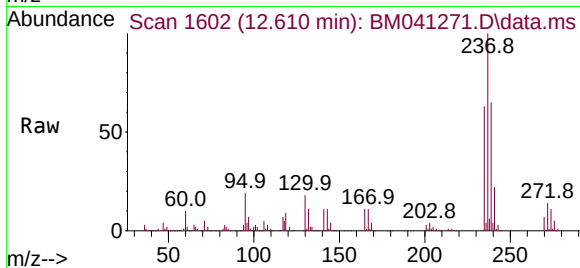
Tgt Ion:216 Resp: 644137
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 19.8 16.2 24.2
108 18.0 17.0 25.4



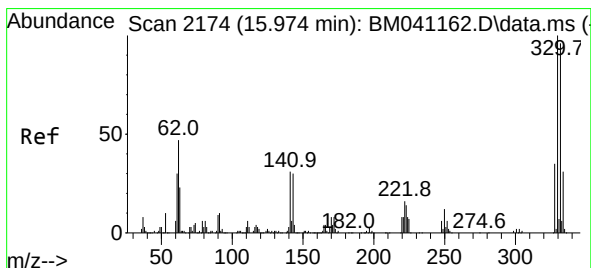
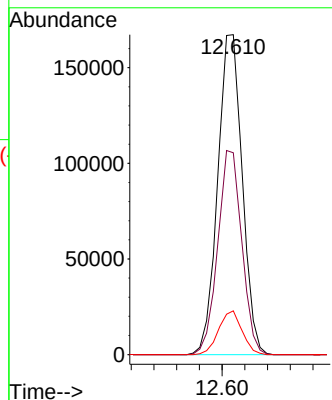
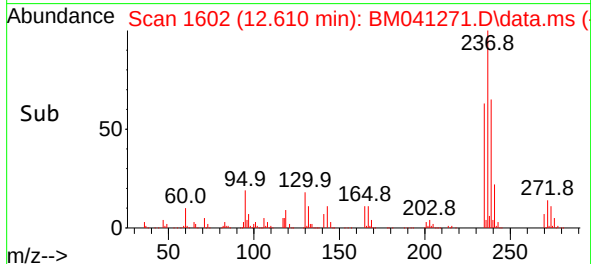


#41
Hexachlorocyclopentadiene
Concen: 33.933 ng
RT: 12.610 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

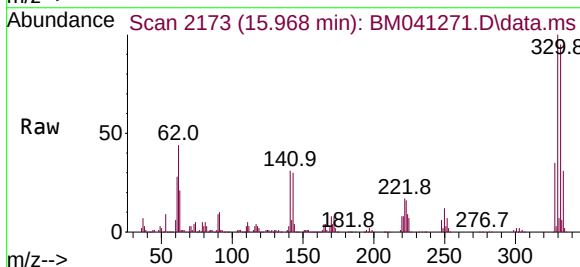
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS



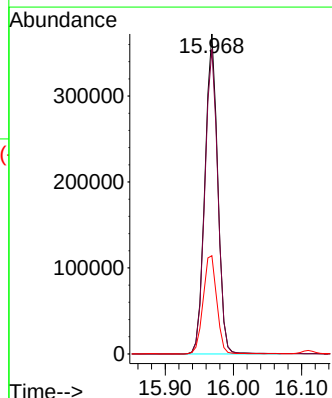
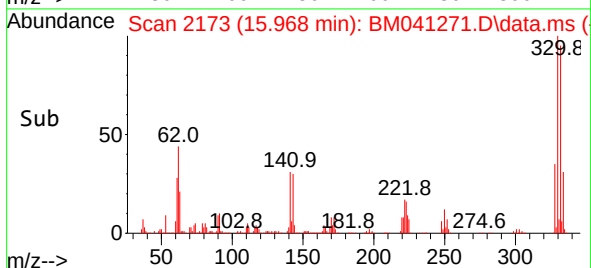
Tgt Ion:237 Resp: 250720
Ion Ratio Lower Upper
237 100
235 63.1 43.6 83.6
272 13.7 0.0 33.3

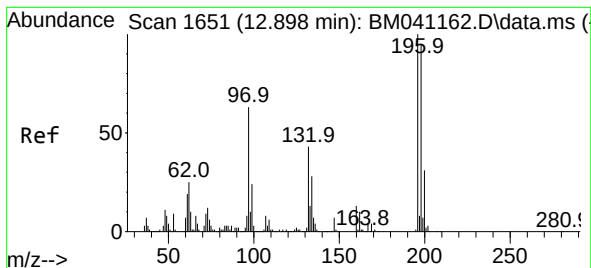


#42
2,4,6-Tribromophenol
Concen: 79.869 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52



Tgt Ion:330 Resp: 485896
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 32.7 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 50.964 ng

RT: 12.898 min Scan# 1651

Delta R.T. -0.000 min

Lab File: BM041271.D

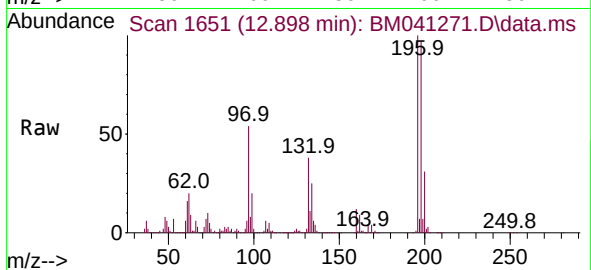
Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS



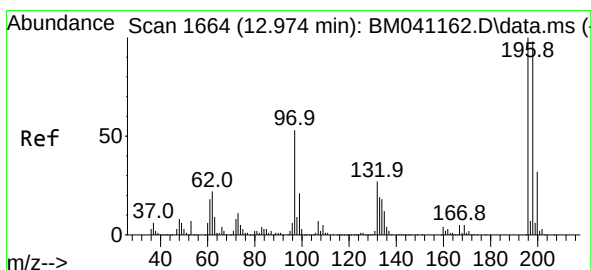
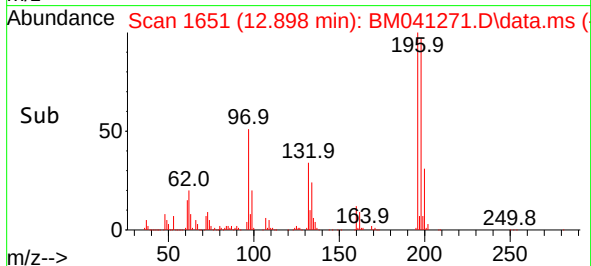
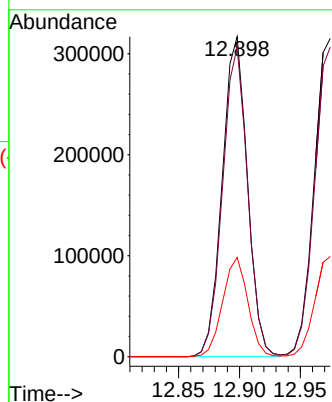
Tgt Ion:196 Resp: 456198

Ion Ratio Lower Upper

196 100

198 96.9 76.2 114.4

200 31.0 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 47.446 ng

RT: 12.975 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Tgt Ion:196 Resp: 491570

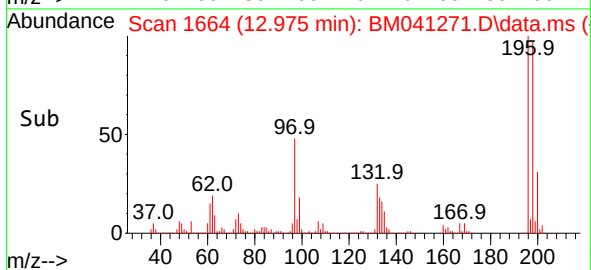
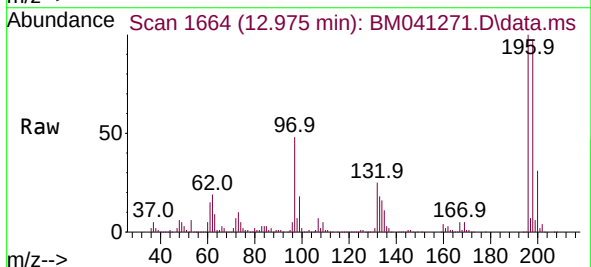
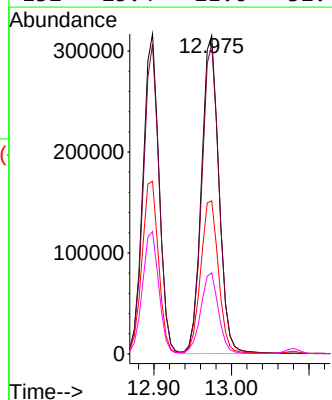
Ion Ratio Lower Upper

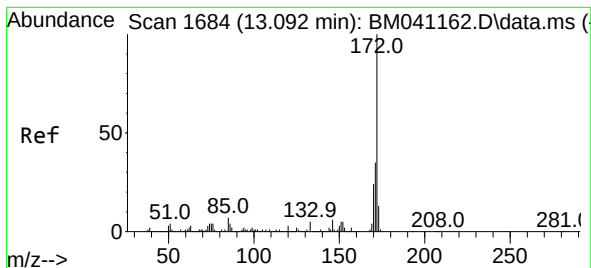
196 100

198 97.3 78.2 117.4

97 48.1 42.7 64.1

132 25.4 21.6 32.4

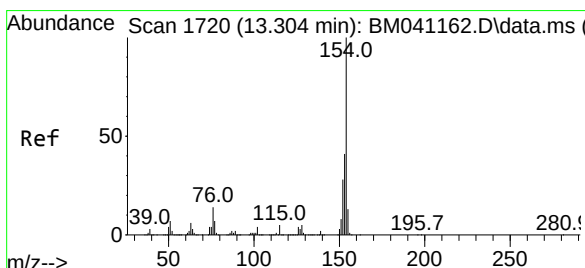
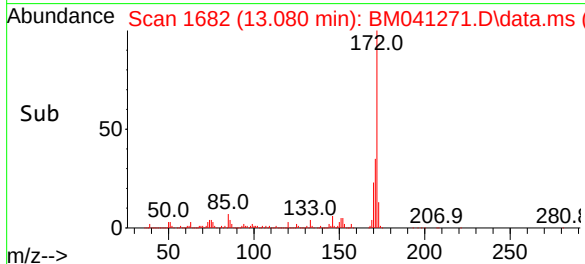
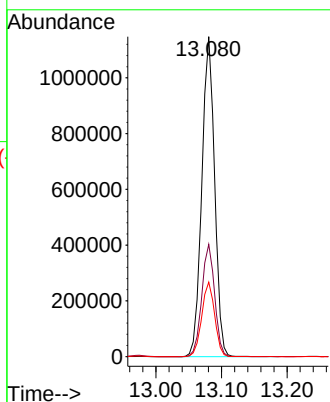
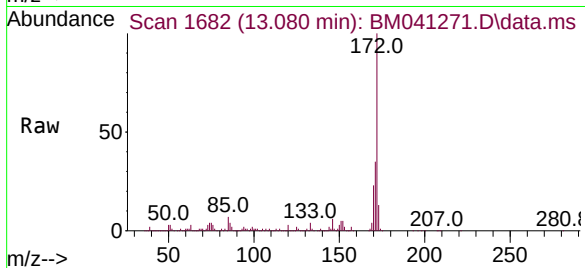




#45
2-Fluorobiphenyl
Concen: 45.431 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

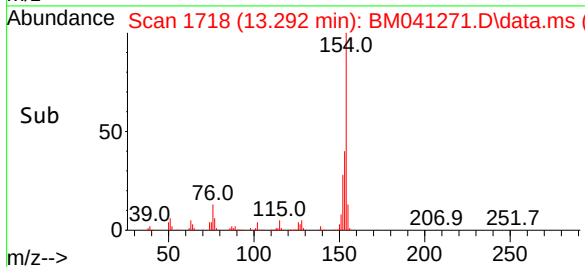
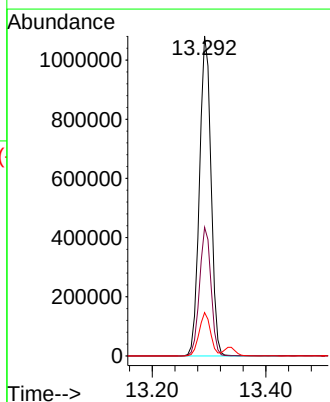
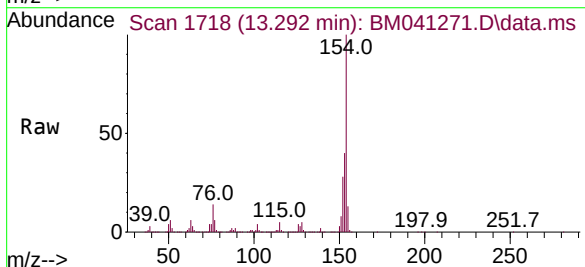
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

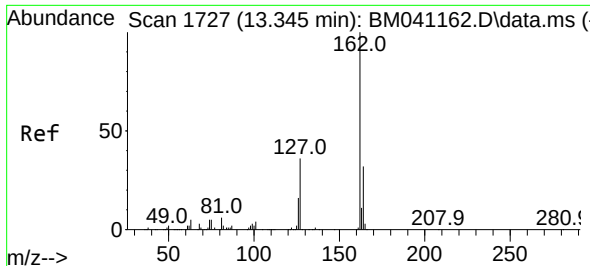
Tgt Ion:172 Resp: 1546814
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 43.578 ng
RT: 13.292 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:154 Resp: 1519488
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 13.5 0.0 34.1

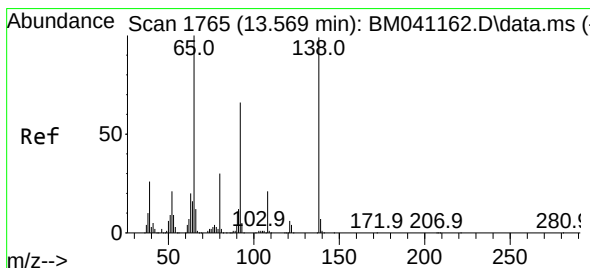
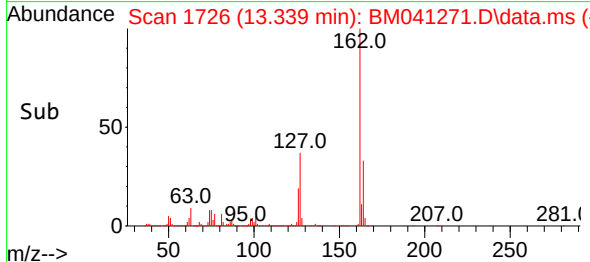
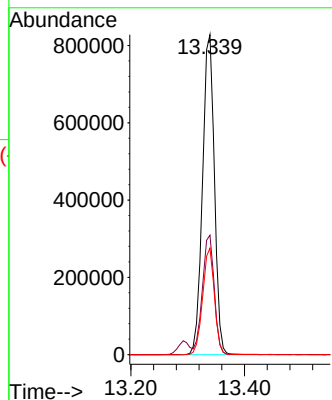
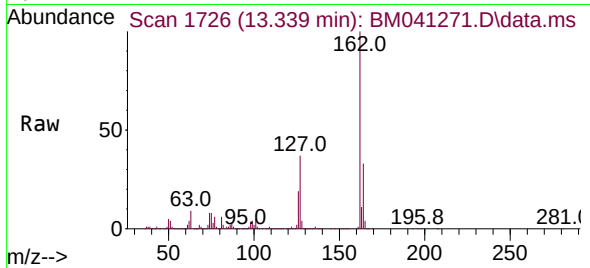




#47
2-Chloronaphthalene
Concen: 46.246 ng
RT: 13.339 min Scan# 1726
Delta R.T. 0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

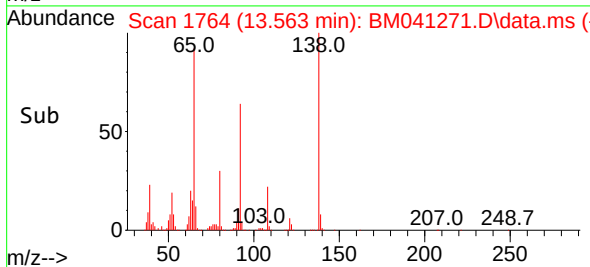
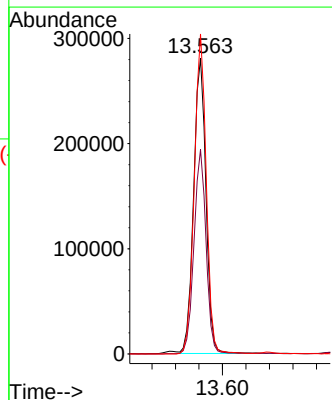
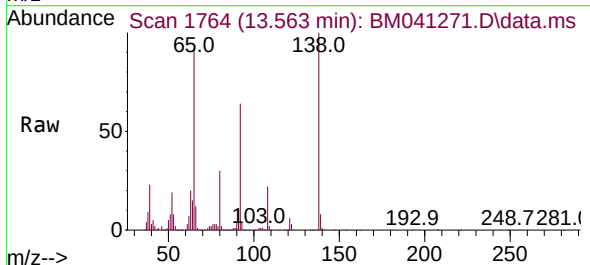
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

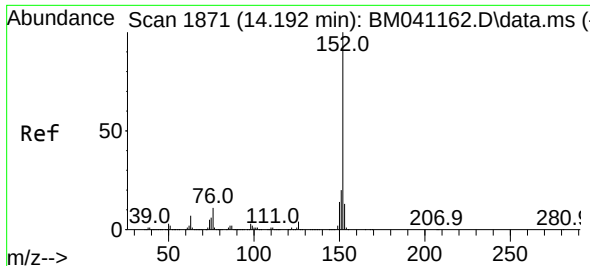
Tgt Ion:162 Resp: 1204019
Ion Ratio Lower Upper
162 100
127 37.3 30.6 45.8
164 33.3 25.6 38.4



#48
2-Nitroaniline
Concen: 49.091 ng
RT: 13.563 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion: 65 Resp: 407967
Ion Ratio Lower Upper
65 100
92 69.1 53.0 79.4
138 108.3 79.1 118.7

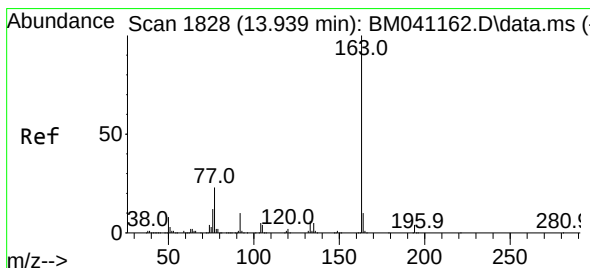
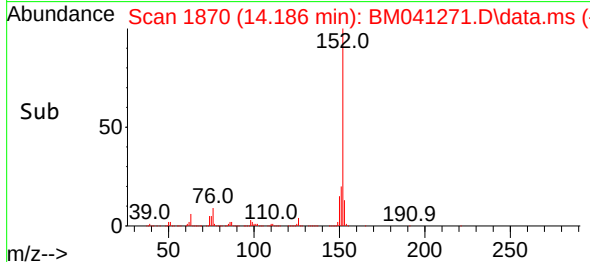
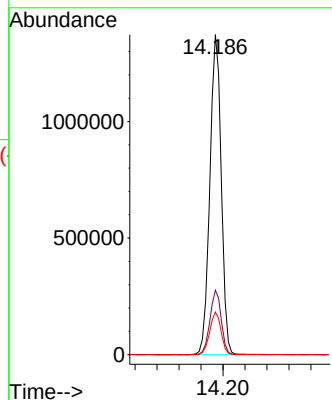
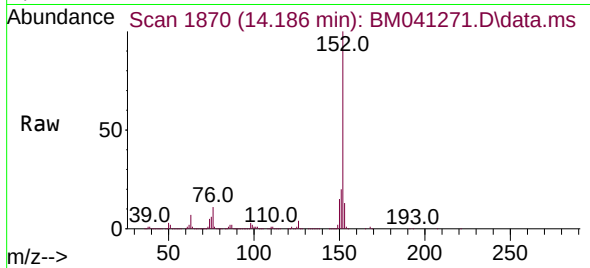




#49
Acenaphthylene
Concen: 46.710 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

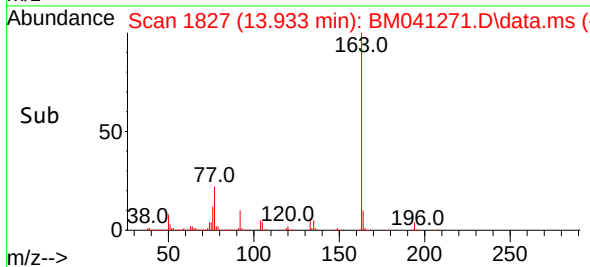
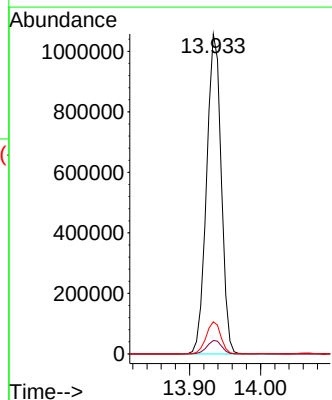
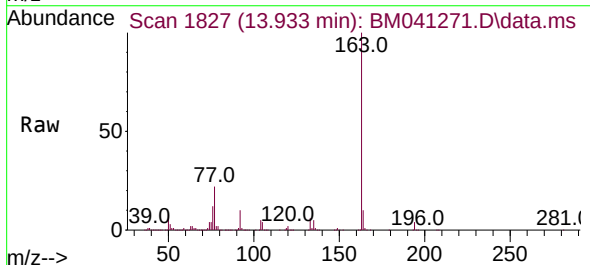
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

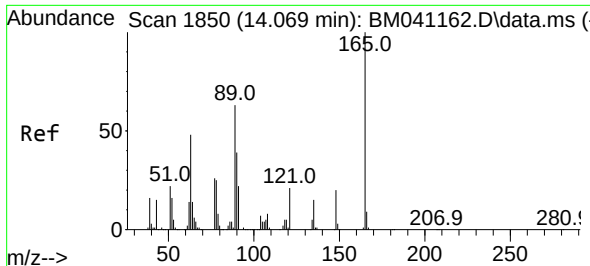
Tgt Ion:152 Resp: 1962880
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 46.575 ng
RT: 13.933 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:163 Resp: 1506864
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 45.435 ng

RT: 14.063 min Scan# 1850

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS

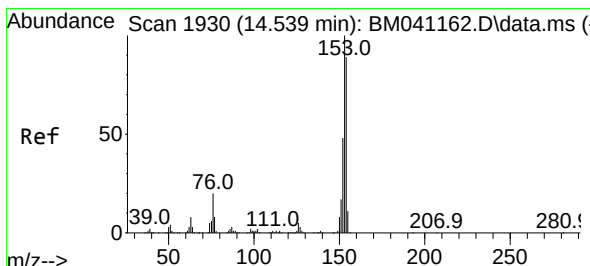
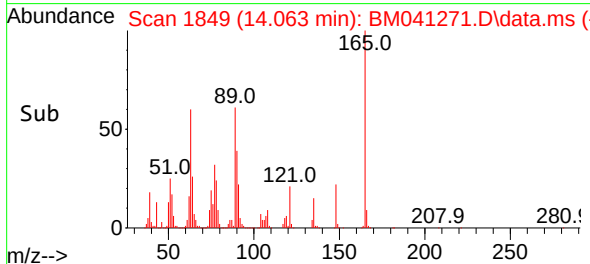
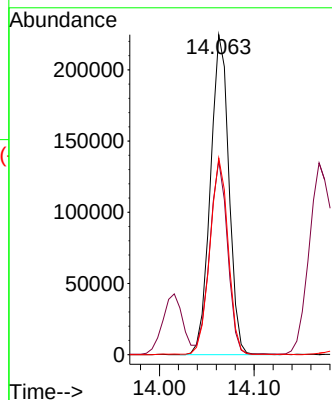
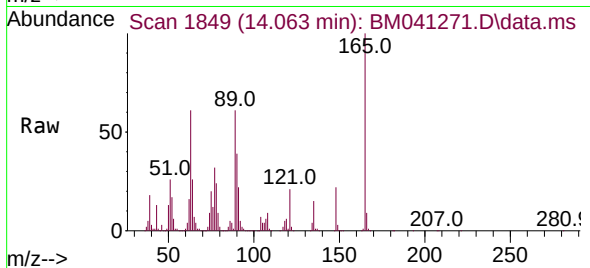
Tgt Ion:165 Resp: 304582

Ion Ratio Lower Upper

165 100

63 60.6 50.9 76.3

89 61.4 50.6 76.0



#52

Acenaphthene

Concen: 44.880 ng

RT: 14.527 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

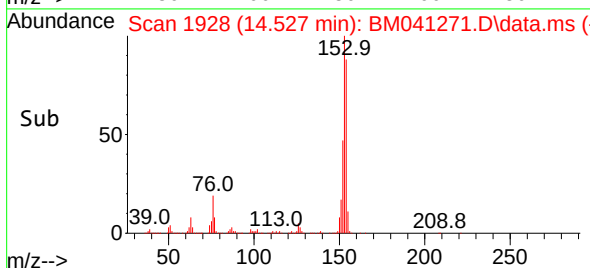
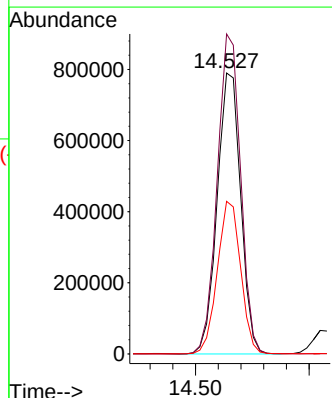
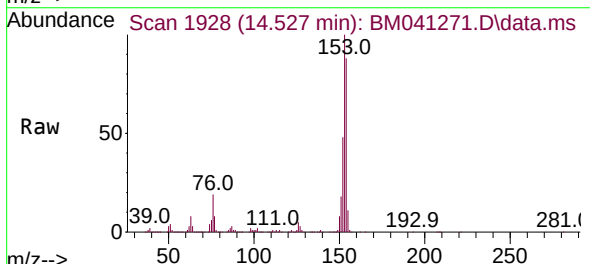
Tgt Ion:154 Resp: 1136173

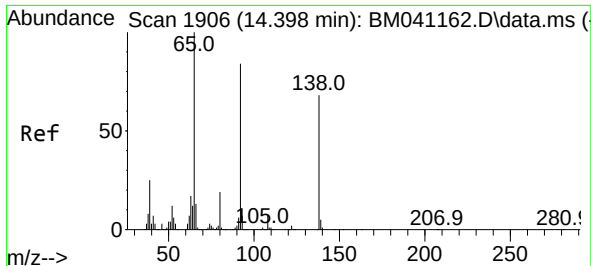
Ion Ratio Lower Upper

154 100

153 113.9 90.2 135.4

152 54.3 43.4 65.0

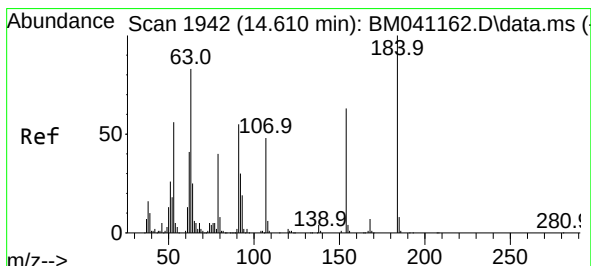
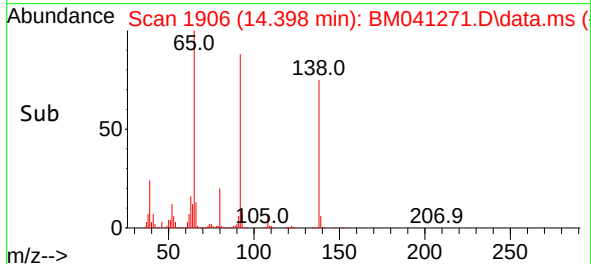
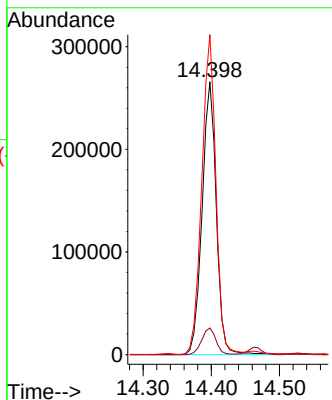
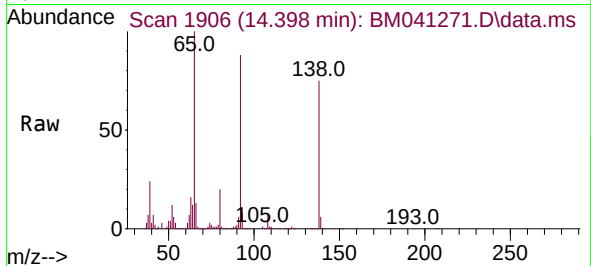




#53
3-Nitroaniline
Concen: 49.546 ng
RT: 14.398 min Scan# 1906
Delta R.T. 0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

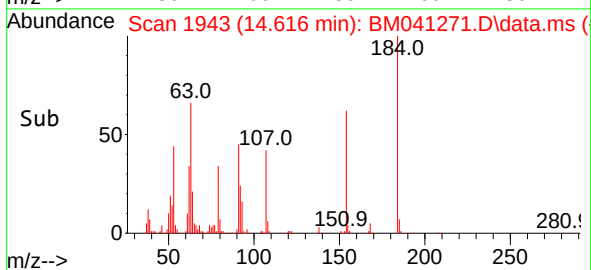
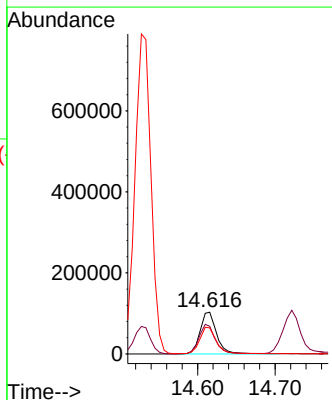
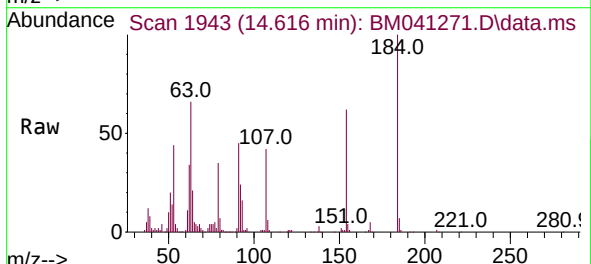
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

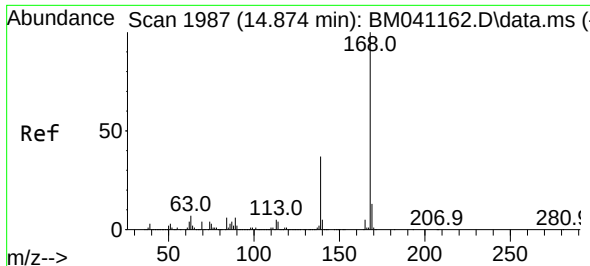
Tgt Ion:138 Resp: 385025
Ion Ratio Lower Upper
138 100
108 9.8 7.6 11.4
92 117.3 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 36.948 ng
RT: 14.616 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:184 Resp: 151930
Ion Ratio Lower Upper
184 100
63 66.0 66.5 99.7#
154 62.4 52.8 79.2

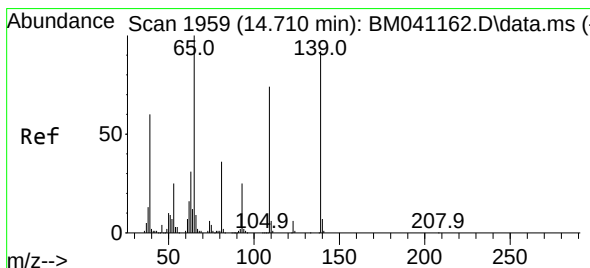
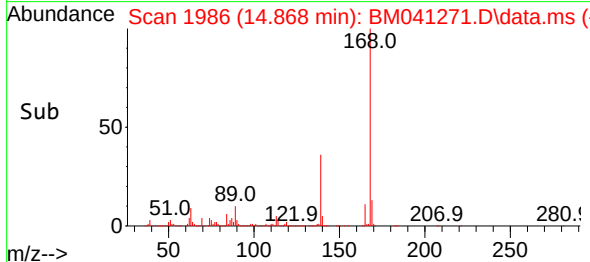
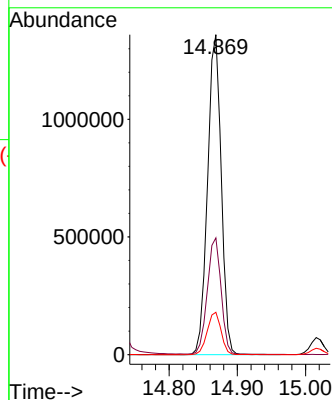
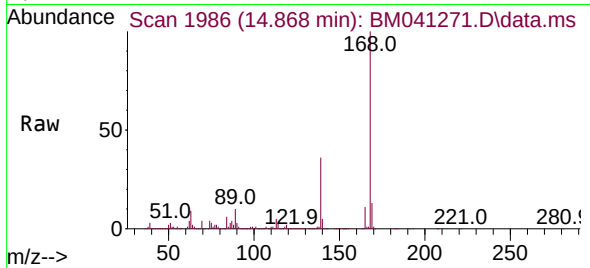




#55
Dibenzofuran
Concen: 45.786 ng
RT: 14.868 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

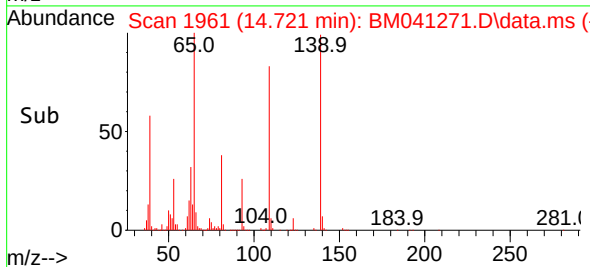
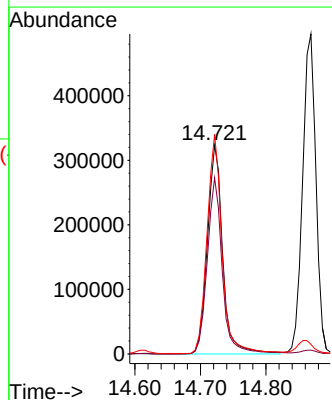
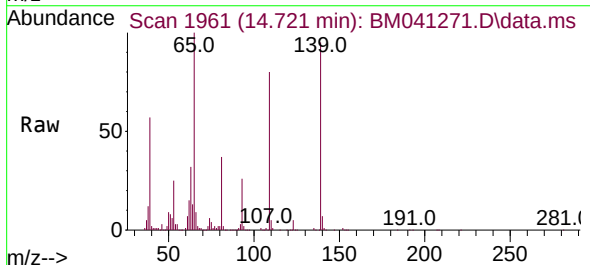
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

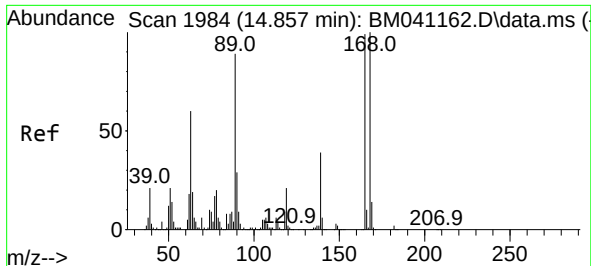
Tgt Ion:168 Resp: 1891141
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.6
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 93.336 ng
RT: 14.721 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:139 Resp: 521464
Ion Ratio Lower Upper
139 100
109 84.3 61.2 101.2
65 105.2 89.5 129.5

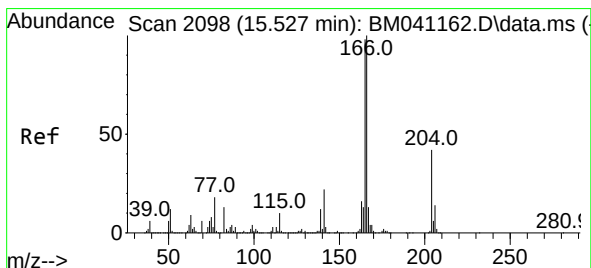
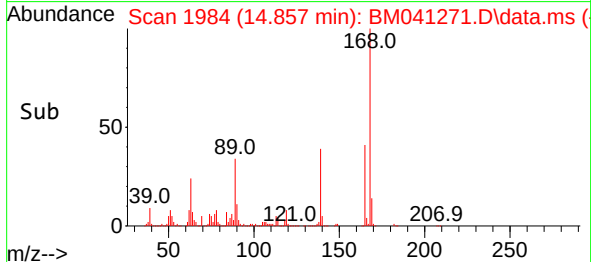
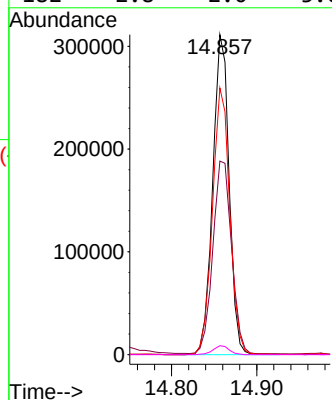
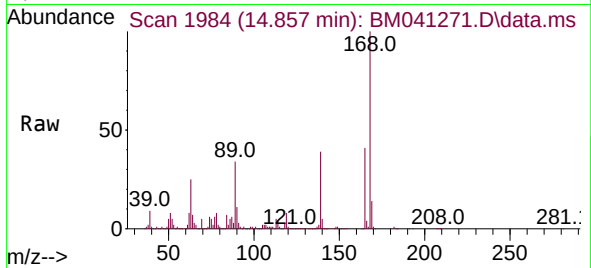




#57
2,4-Dinitrotoluene
Concen: 43.625 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

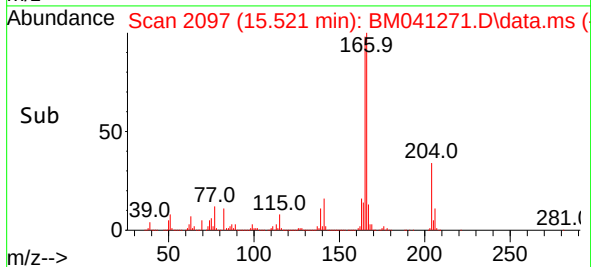
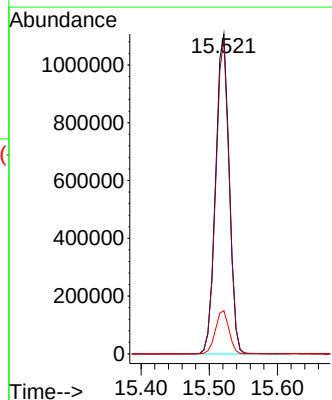
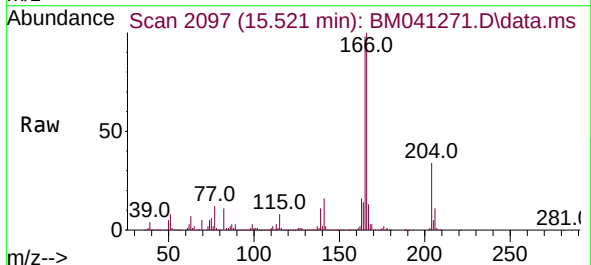
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

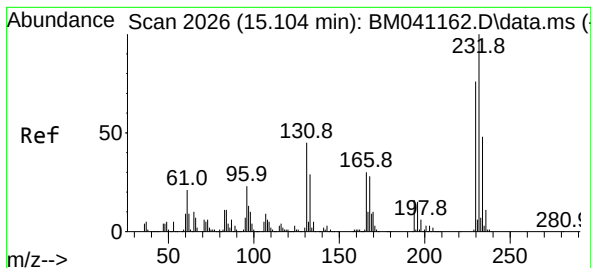
Tgt Ion:165 Resp: 415169
Ion Ratio Lower Upper
165 100
63 60.5 48.3 72.5
89 83.3 71.8 107.8
182 2.8 2.0 3.0



#58
Fluorene
Concen: 46.946 ng
RT: 15.521 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:166 Resp: 1529694
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.4
167 13.5 10.6 16.0

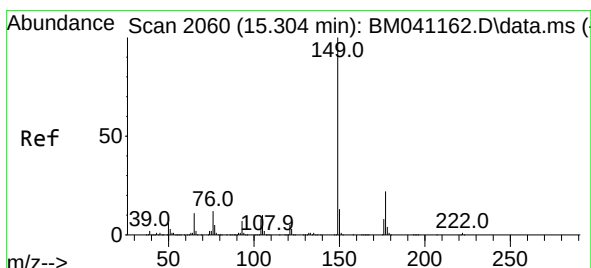
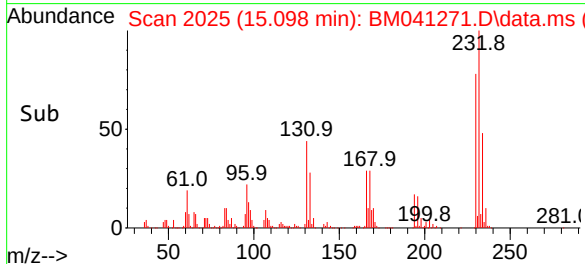
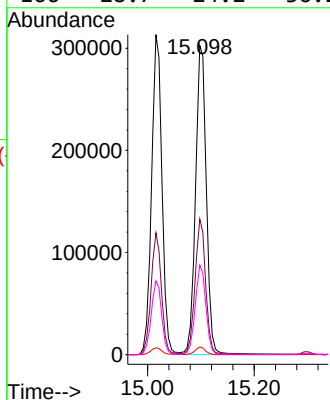
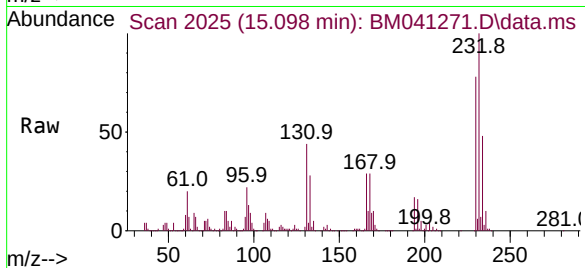




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.669 ng
RT: 15.098 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

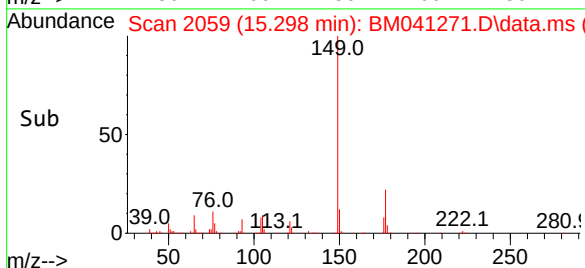
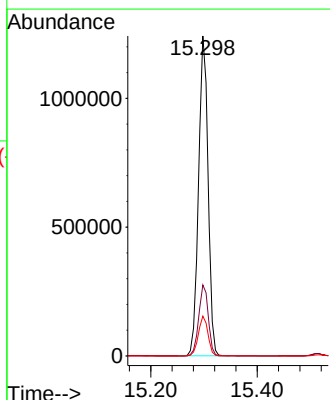
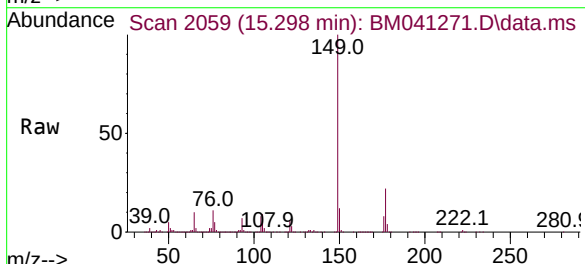
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

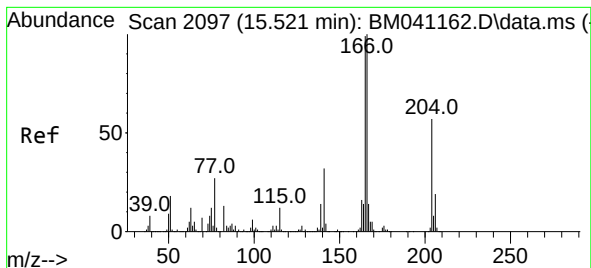
Tgt Ion:232 Resp: 425096
Ion Ratio Lower Upper
232 100
131 43.3 36.9 55.3
130 2.3 2.0 3.0
166 28.7 24.2 36.2



#60
Diethylphthalate
Concen: 48.991 ng
RT: 15.298 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:149 Resp: 1532805
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.4 10.1 15.1

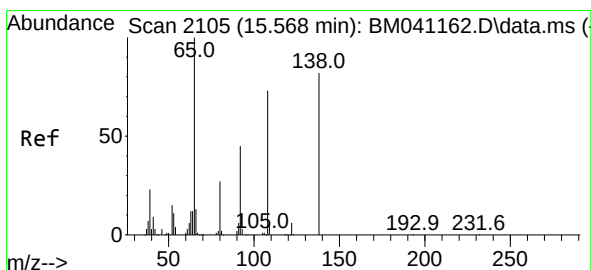
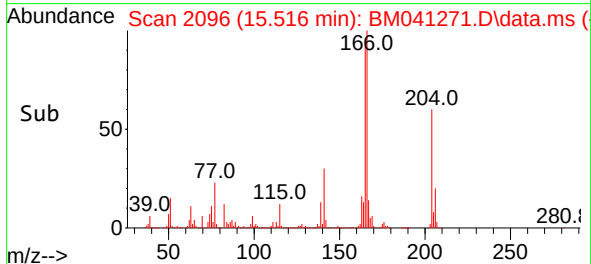
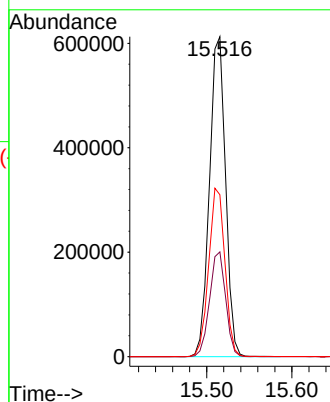
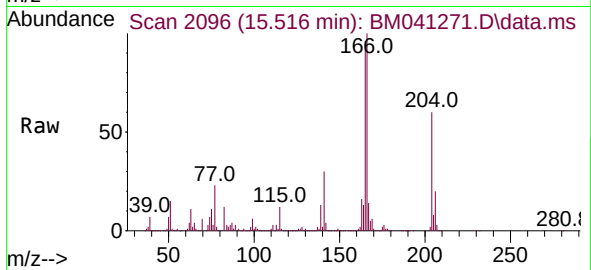




#61
4-Chlorophenyl-phenylether
Concen: 49.130 ng
RT: 15.516 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

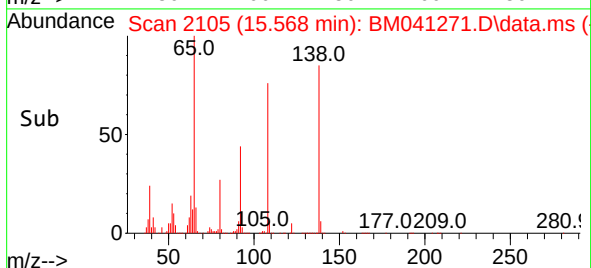
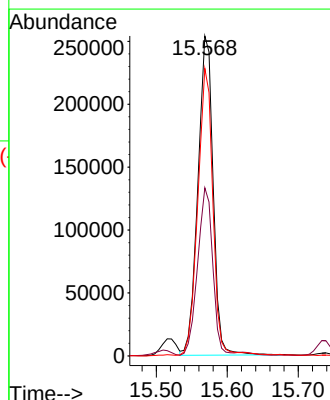
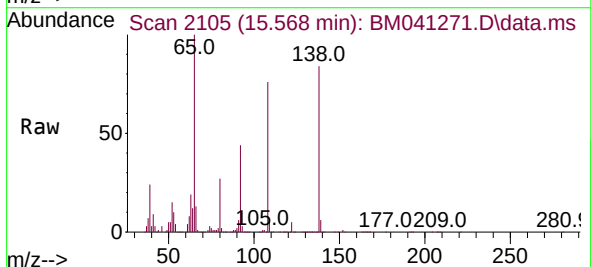
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

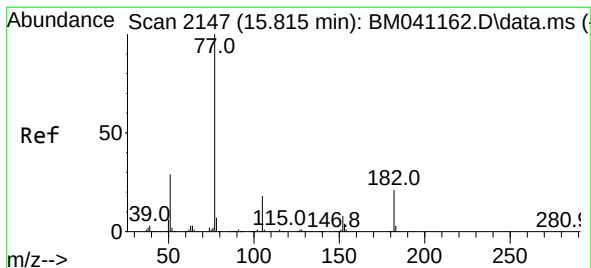
Tgt Ion:204 Resp: 802205
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 50.6 44.8 67.2



#62
4-Nitroaniline
Concen: 52.341 ng
RT: 15.568 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:138 Resp: 377164
Ion Ratio Lower Upper
138 100
92 52.5 35.1 75.1
108 89.8 67.8 107.8





#63

Azobenzene

Concen: 45.785 ng

RT: 15.810 min Scan# 2146

Delta R.T. 0.006 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS

Tgt Ion: 77 Resp: 1569145

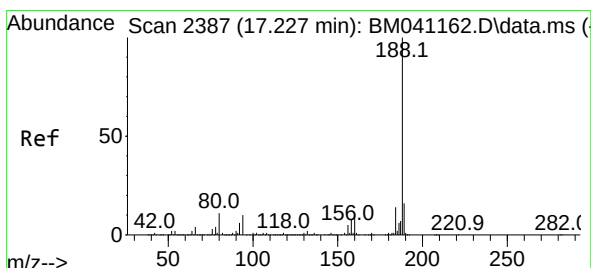
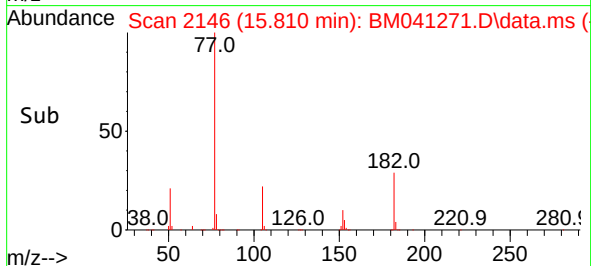
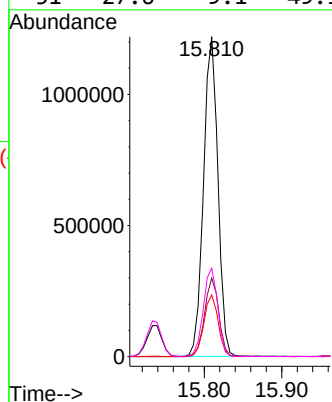
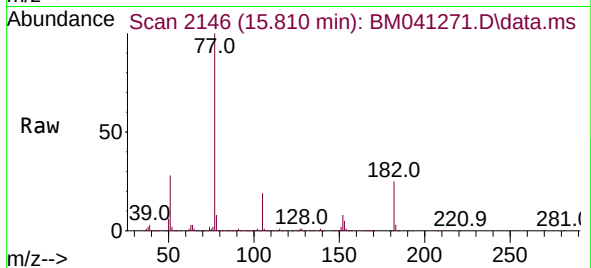
Ion Ratio Lower Upper

77 100

182 24.5 1.3 41.3

105 19.3 0.0 38.5

51 27.6 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2387

Delta R.T. 0.006 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

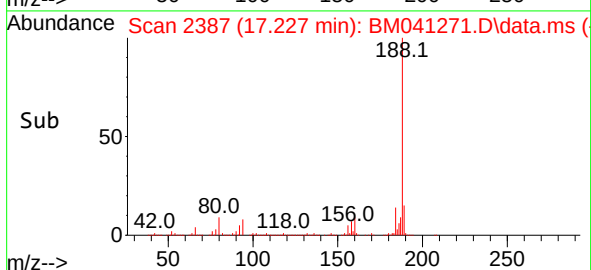
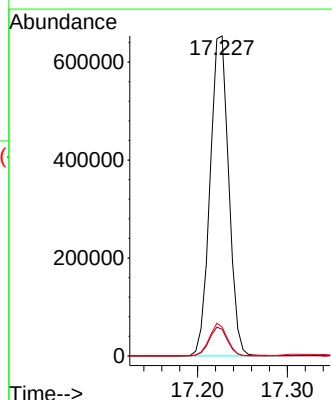
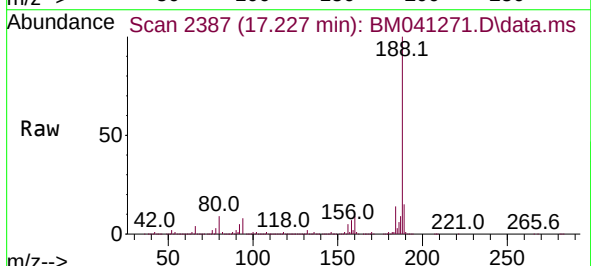
Tgt Ion: 188 Resp: 948995

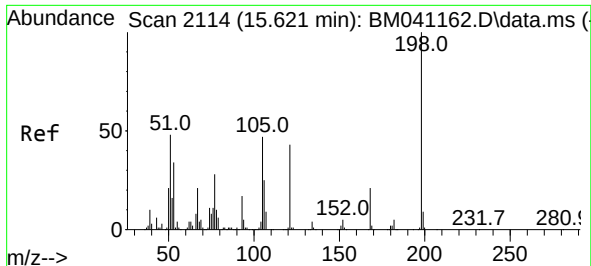
Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

80 9.1 8.6 13.0

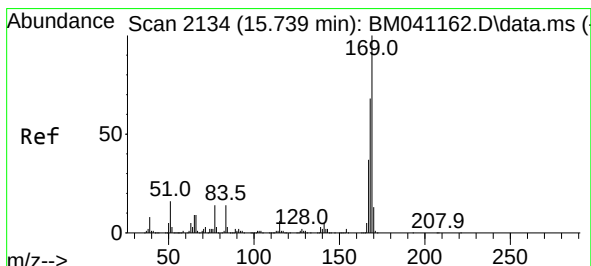
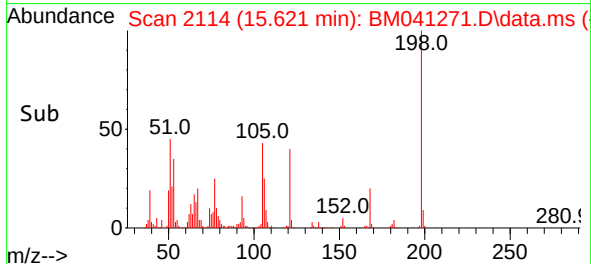
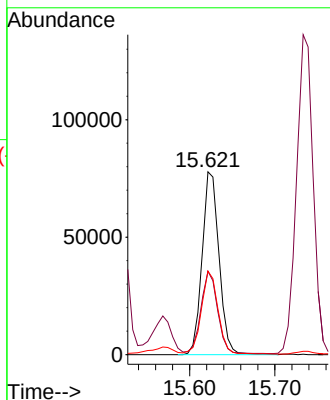
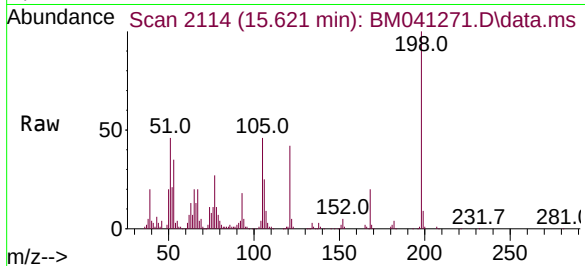




#65
4,6-Dinitro-2-methylphenol
Concen: 18.658 ng
RT: 15.621 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

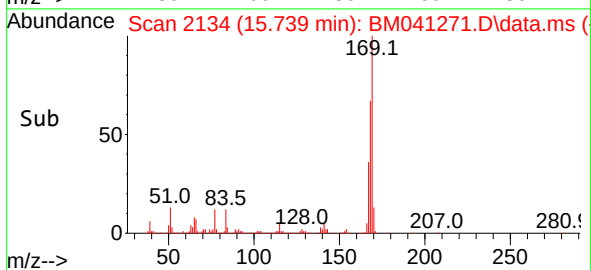
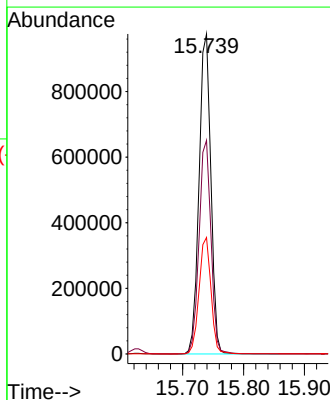
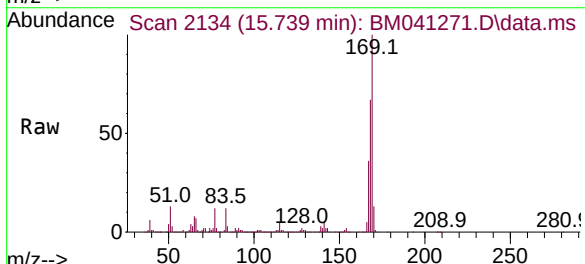
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

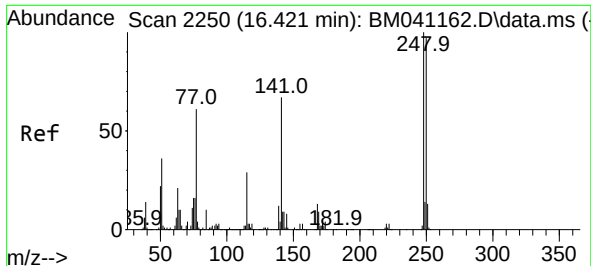
Tgt Ion:198 Resp: 107262
Ion Ratio Lower Upper
198 100
51 45.6 31.7 71.7
105 45.7 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 44.307 ng
RT: 15.739 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:169 Resp: 1307695
Ion Ratio Lower Upper
169 100
168 66.7 54.6 81.8
167 36.4 29.9 44.9

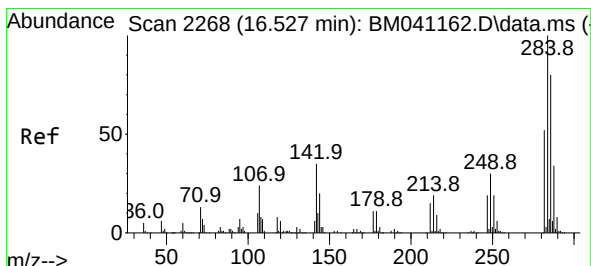
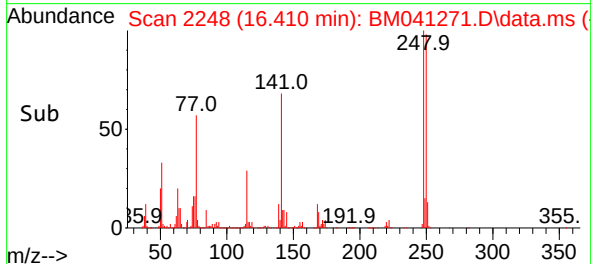
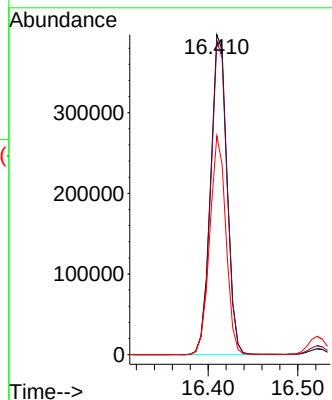
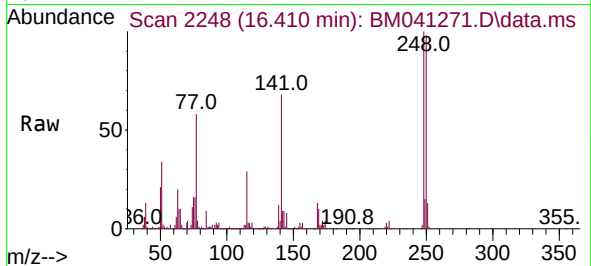




#67
4-Bromophenyl-phenylether
Concen: 48.476 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

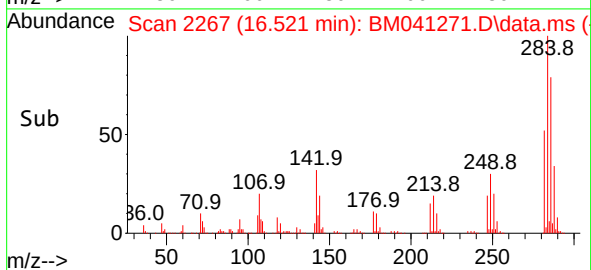
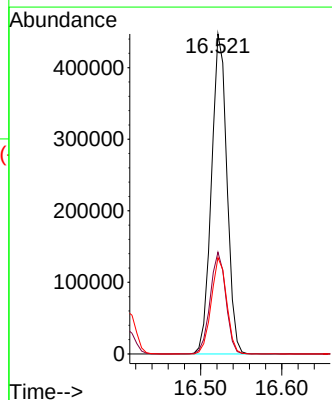
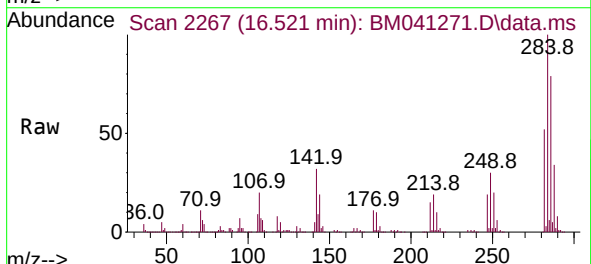
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

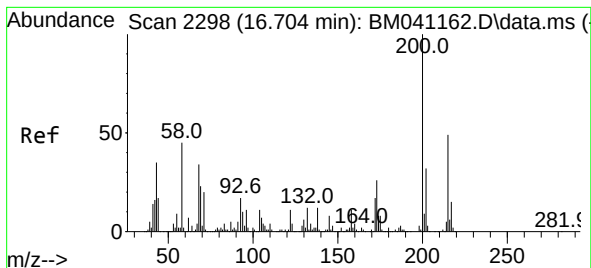
Tgt Ion:248 Resp: 504388
Ion Ratio Lower Upper
248 100
250 98.1 78.0 117.0
141 68.4 53.8 80.8



#68
Hexachlorobenzene
Concen: 51.225 ng
RT: 16.521 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:284 Resp: 592672
Ion Ratio Lower Upper
284 100
142 31.8 28.0 42.0
249 30.1 23.7 35.5





#69

Atrazine

Concen: 53.603 ng

RT: 16.698 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041271.D

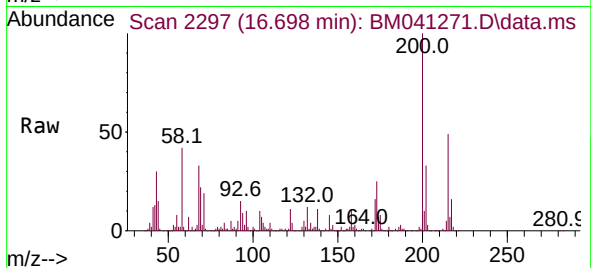
Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS



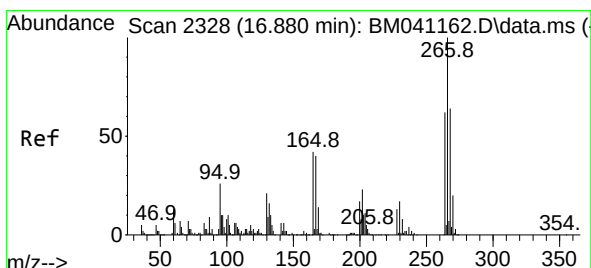
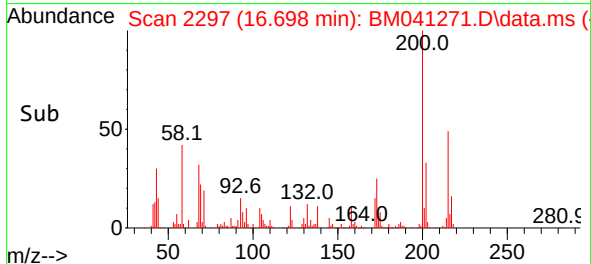
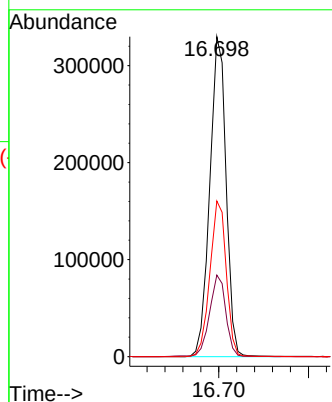
Tgt Ion:200 Resp: 415473

Ion Ratio Lower Upper

200 100

173 25.5 5.6 45.6

215 48.6 28.5 68.5



#70

Pentachlorophenol

Concen: 77.138 ng

RT: 16.880 min Scan# 2328

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

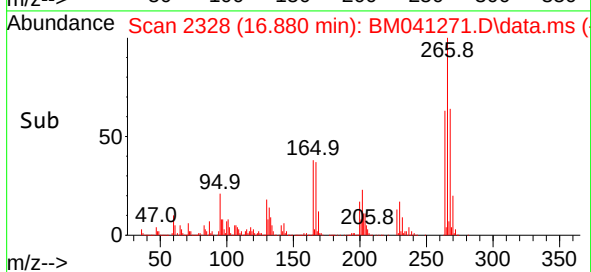
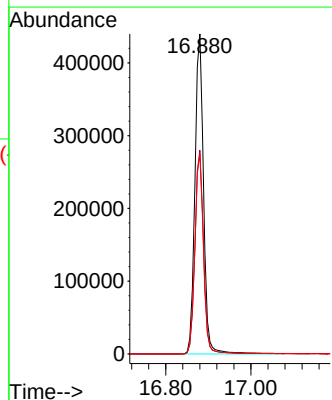
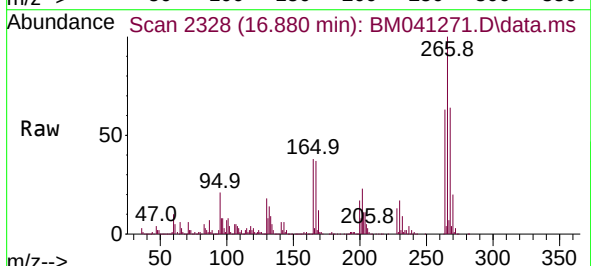
Tgt Ion:266 Resp: 618003

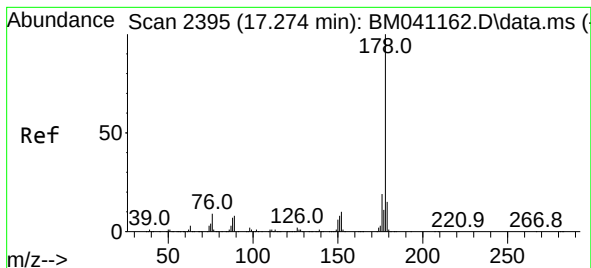
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

264 62.6 49.4 74.2





#71

Phenanthrene

Concen: 45.080 ng

RT: 17.268 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS

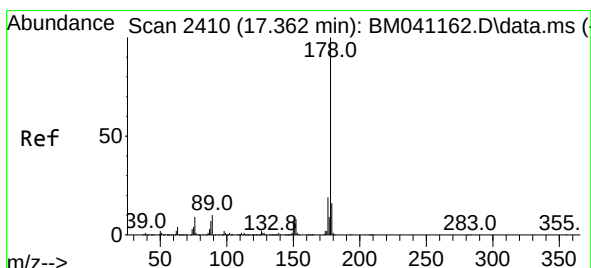
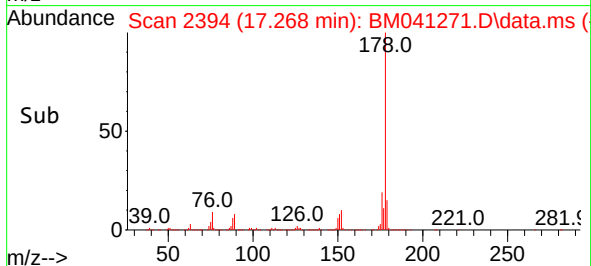
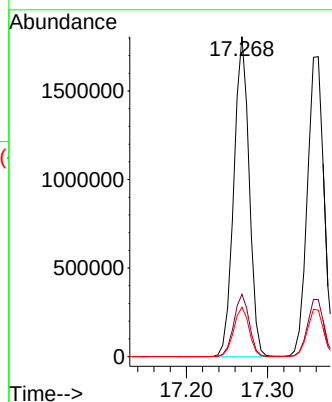
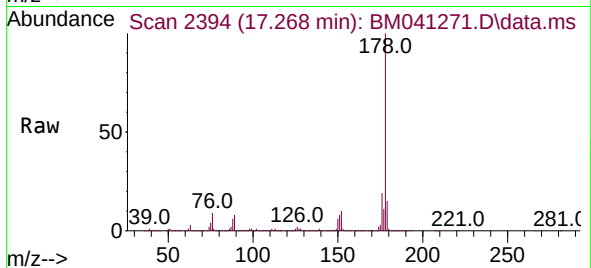
Tgt Ion:178 Resp: 2376892

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.4 12.1 18.1



#72

Anthracene

Concen: 46.006 ng

RT: 17.362 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

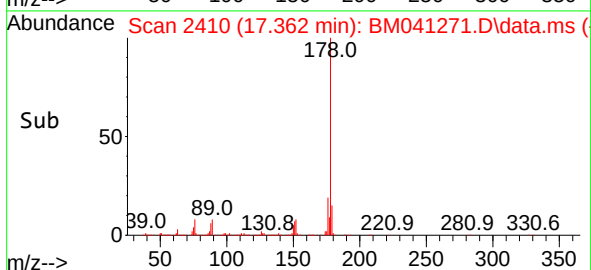
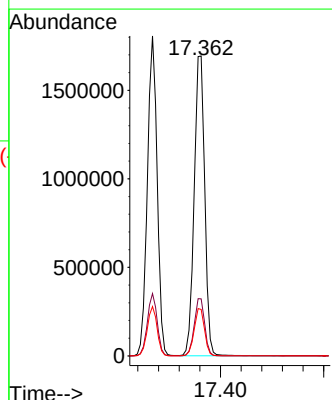
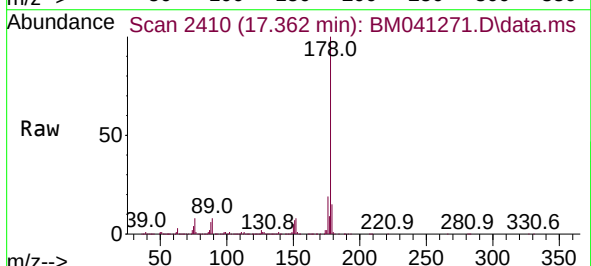
Tgt Ion:178 Resp: 2399097

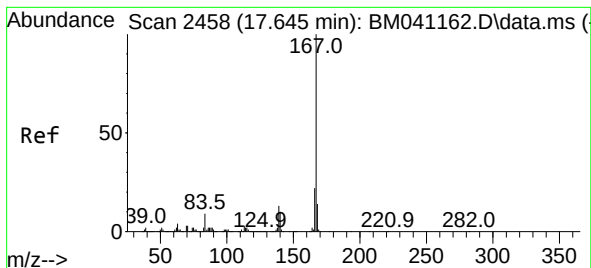
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.5 12.4 18.6





#73

Carbazole

Concen: 46.288 ng

RT: 17.639 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS

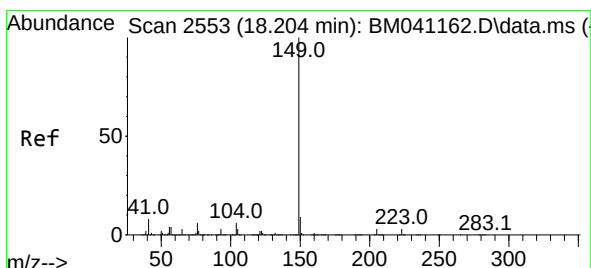
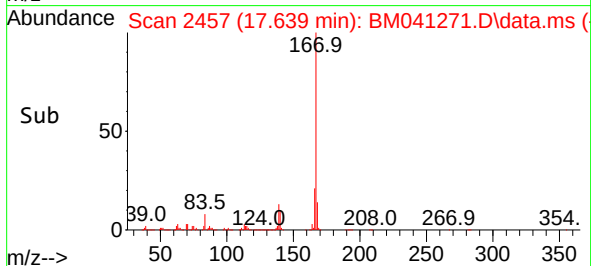
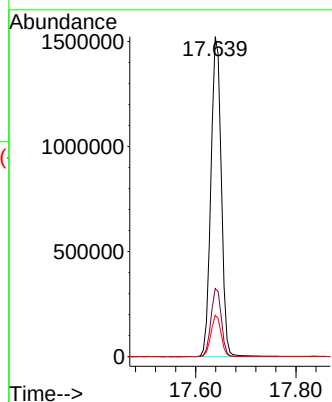
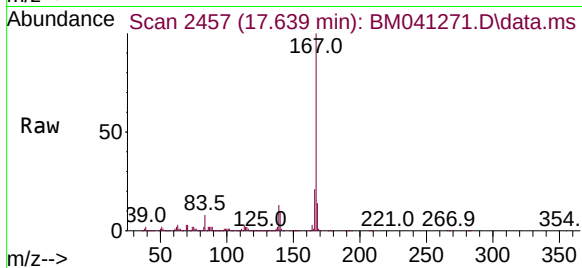
Tgt Ion:167 Resp: 2184744

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 53.324 ng

RT: 18.198 min Scan# 2552

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

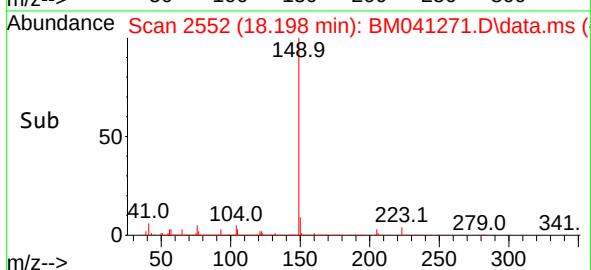
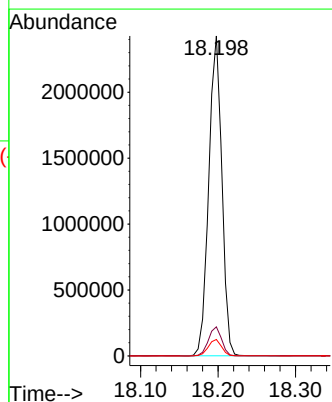
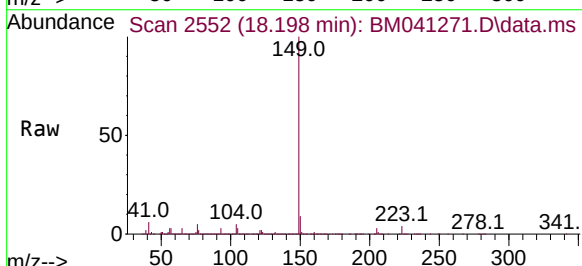
Tgt Ion:149 Resp: 2844067

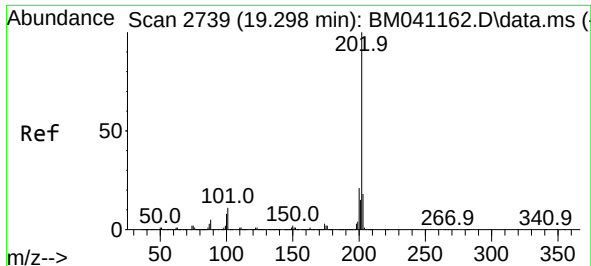
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.1 4.5 6.7

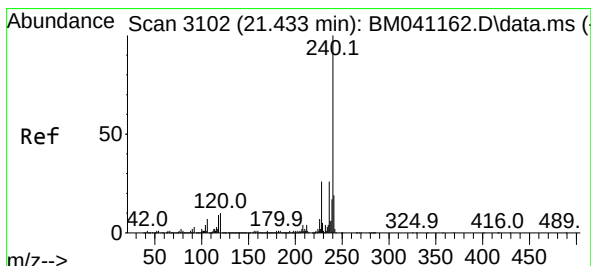
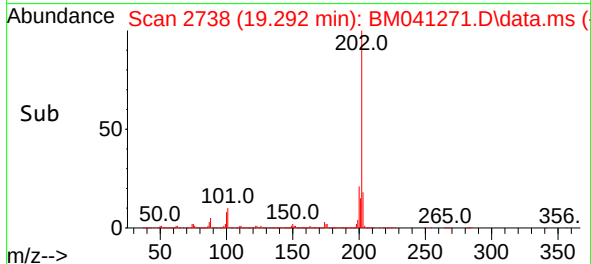
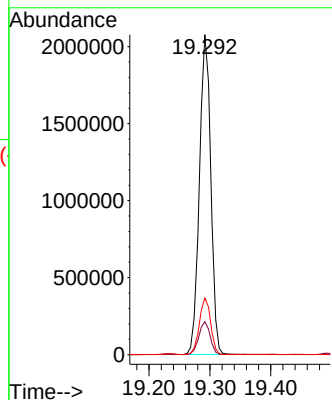
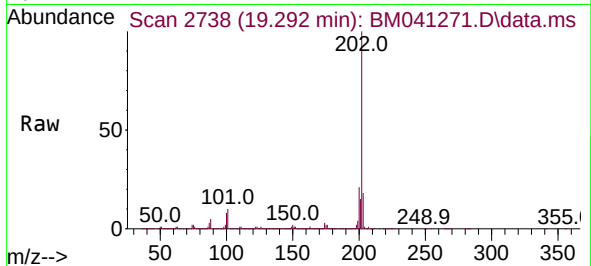




#75
Fluoranthene
Concen: 45.446 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

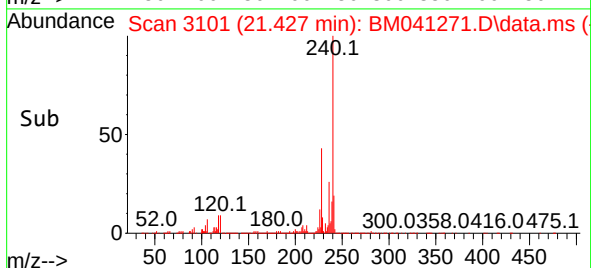
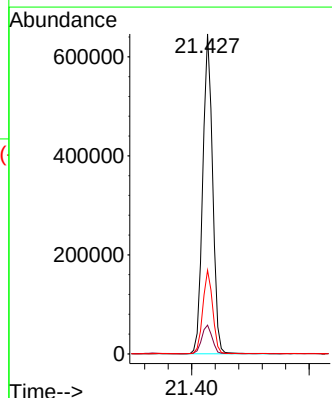
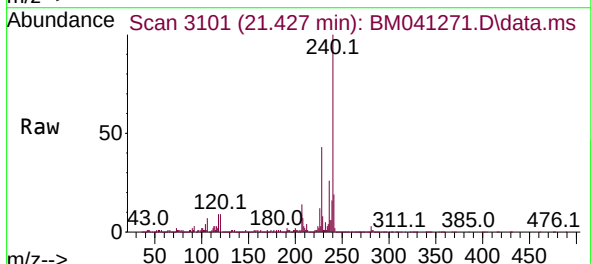
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

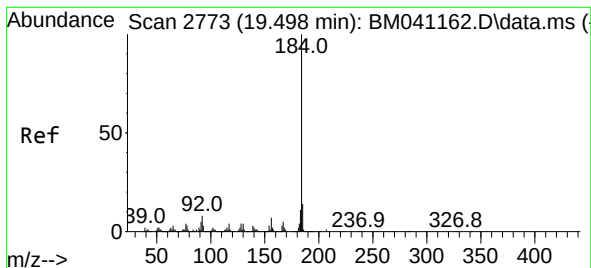
Tgt Ion:202 Resp: 2692099
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.8
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:240 Resp: 752449
Ion Ratio Lower Upper
240 100
120 9.0 8.3 12.5
236 26.1 20.6 30.8





#77

Benzidine

Concen: 156.818 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS

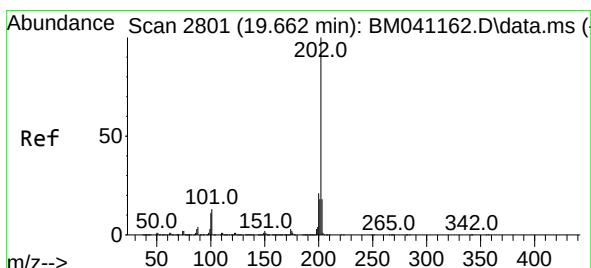
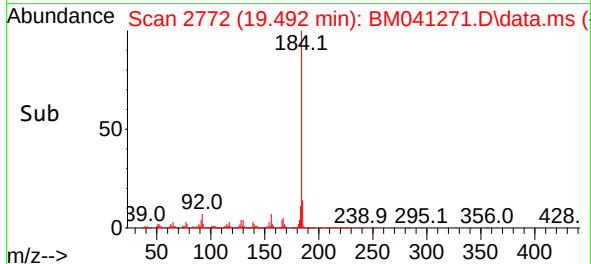
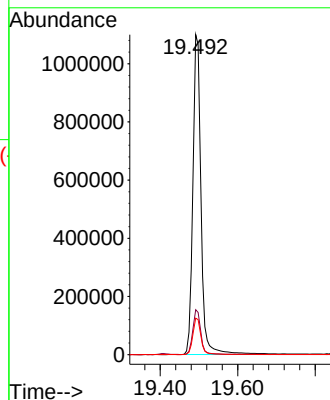
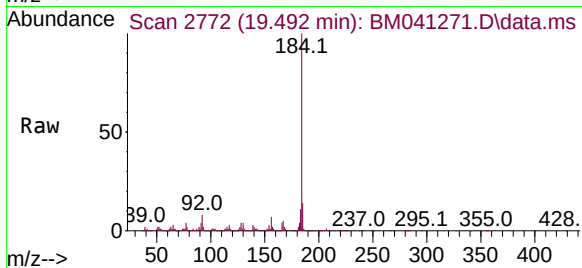
Tgt Ion:184 Resp: 1608296

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

183 11.4 9.2 13.8



#78

Pyrene

Concen: 51.943 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

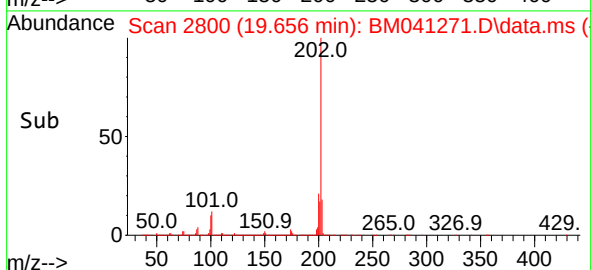
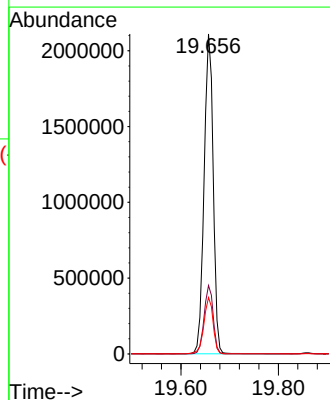
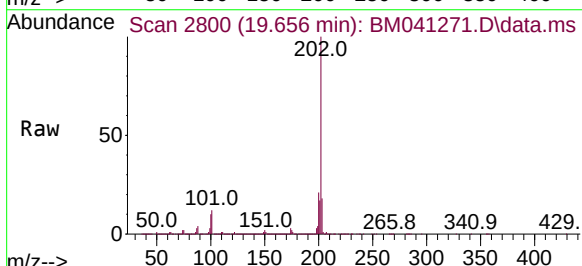
Tgt Ion:202 Resp: 2733232

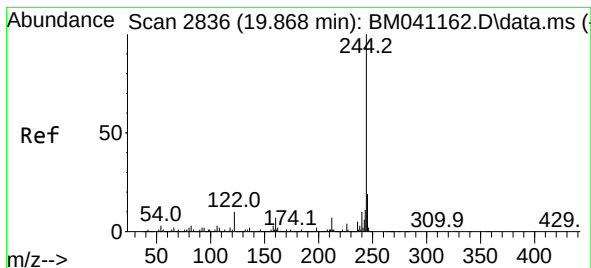
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 61.257 ng

RT: 19.856 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS

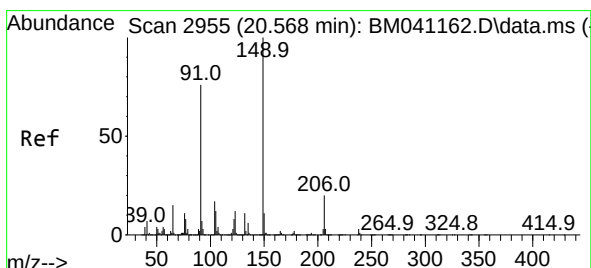
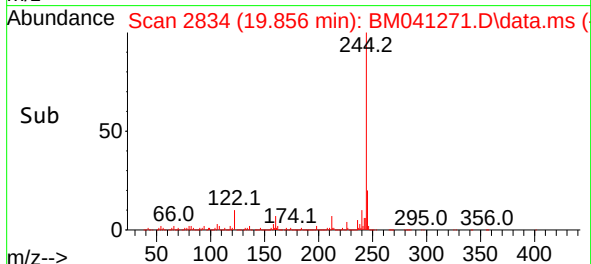
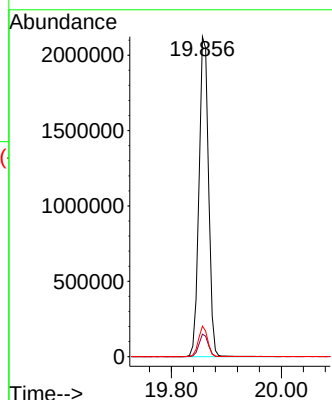
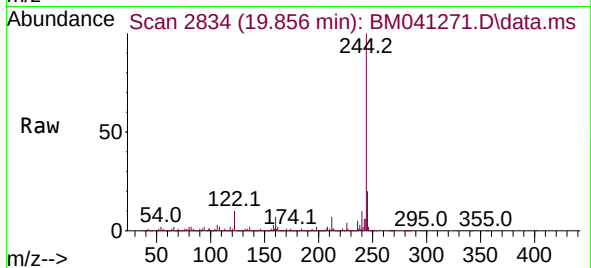
Tgt Ion:244 Resp: 2549292

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 9.5 7.8 11.6



#80

Butylbenzylphthalate

Concen: 64.389 ng

RT: 20.556 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

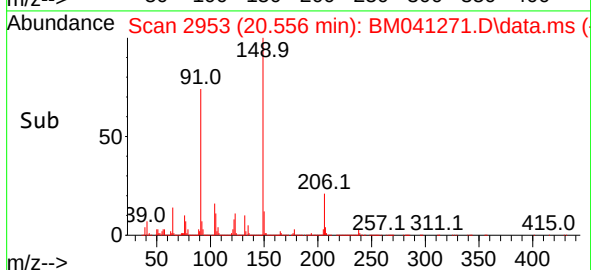
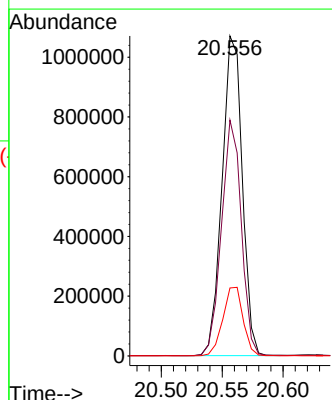
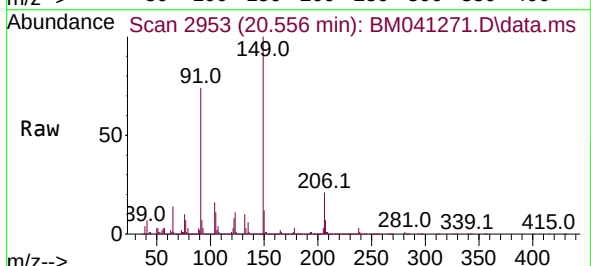
Tgt Ion:149 Resp: 1237289

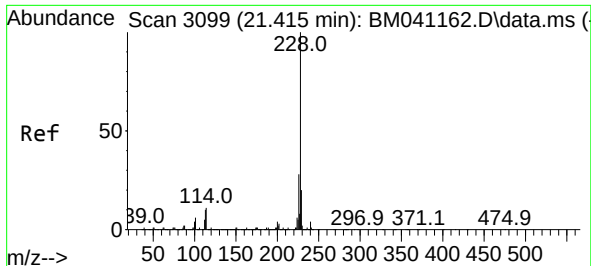
Ion Ratio Lower Upper

149 100

91 73.7 60.8 91.2

206 21.2 16.4 24.6

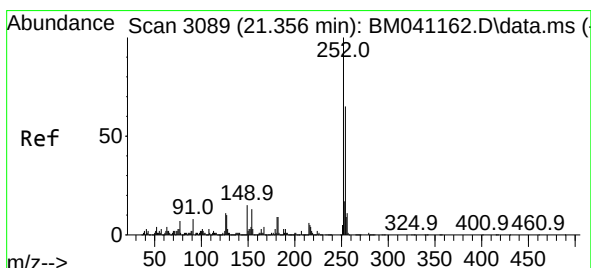
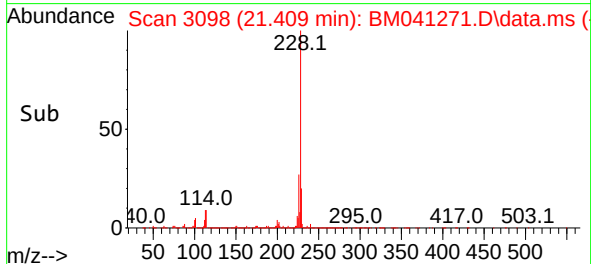
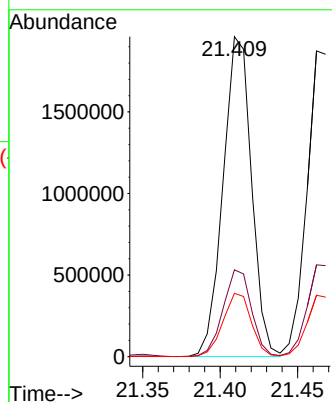
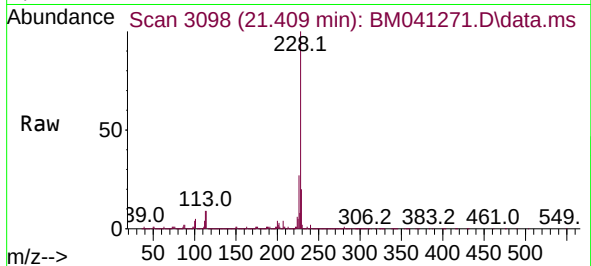




#81
Benzo(a)anthracene
Concen: 49.224 ng
RT: 21.409 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

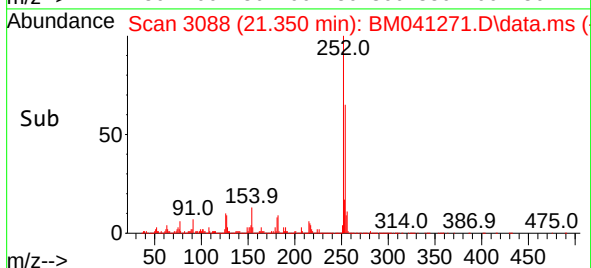
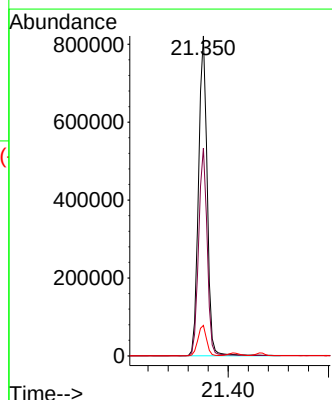
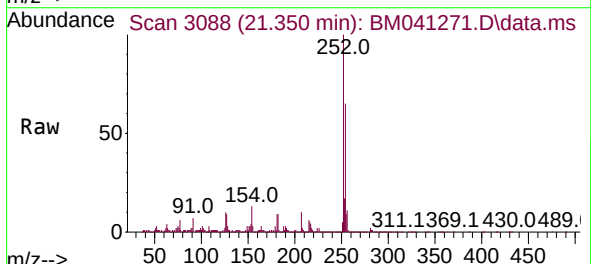
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

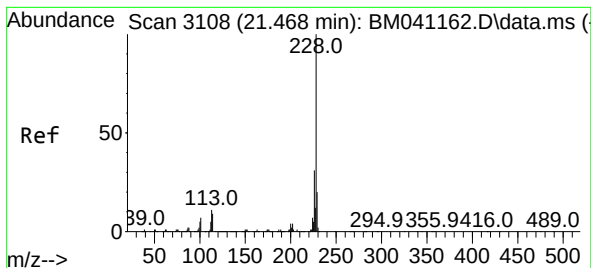
Tgt Ion:228 Resp: 2510892
Ion Ratio Lower Upper
228 100
226 27.1 22.4 33.6
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 58.758 ng
RT: 21.350 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:252 Resp: 978034
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 9.6 8.6 13.0





#83

Chrysene

Concen: 45.847 ng

RT: 21.462 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS

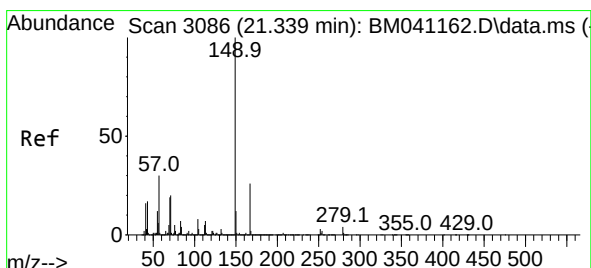
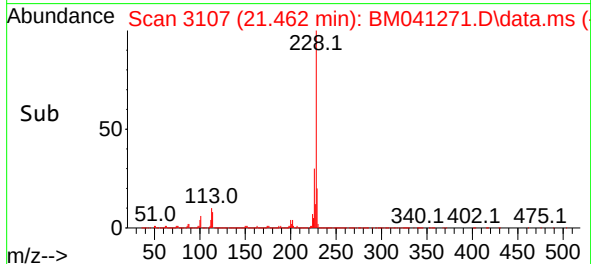
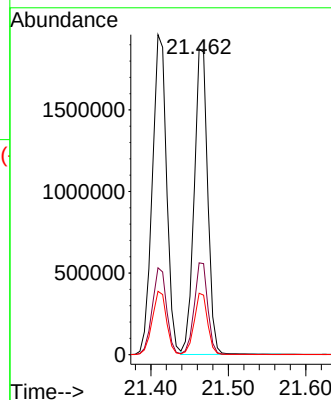
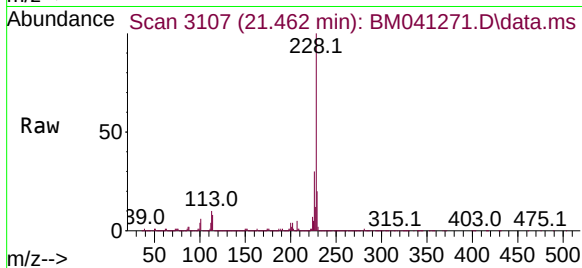
Tgt Ion:228 Resp: 2262068

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.448 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

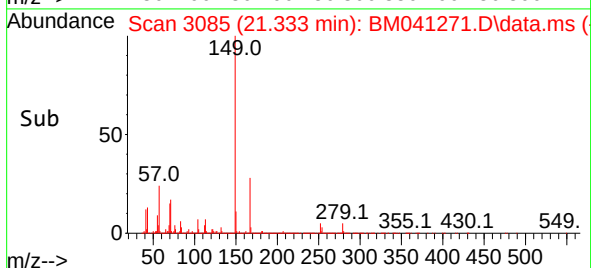
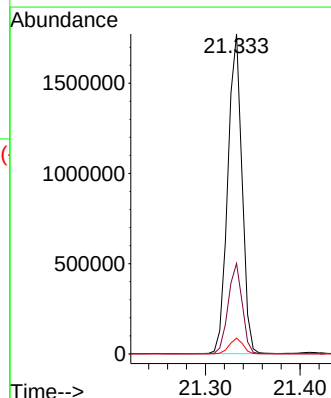
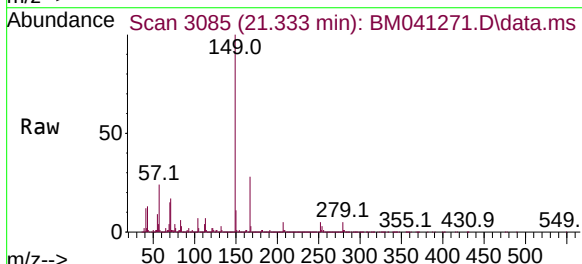
Tgt Ion:149 Resp: 1833617

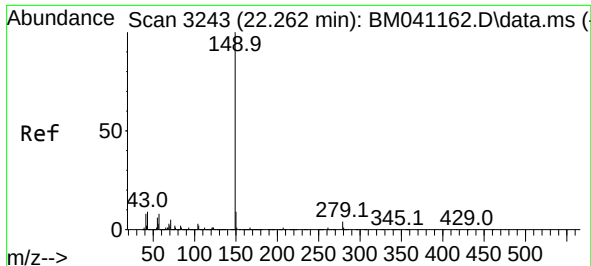
Ion Ratio Lower Upper

149 100

167 28.3 21.0 31.6

279 4.9 3.1 4.7#

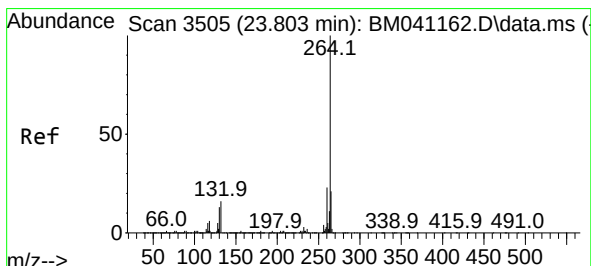
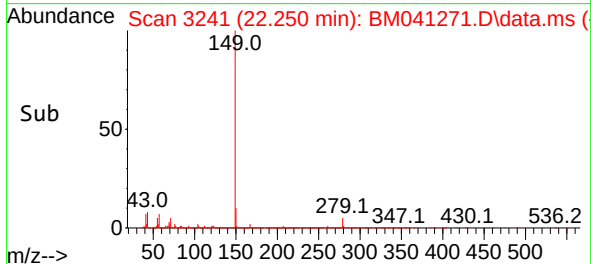
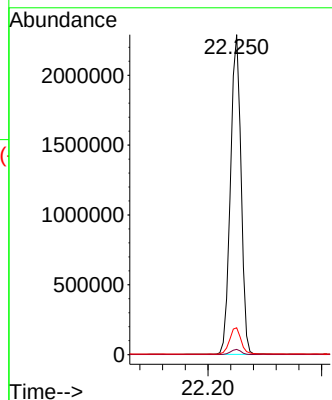
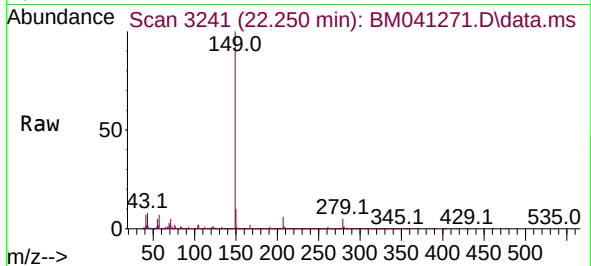




#85
Di-n-octyl phthalate
Concen: 60.409 ng
RT: 22.250 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

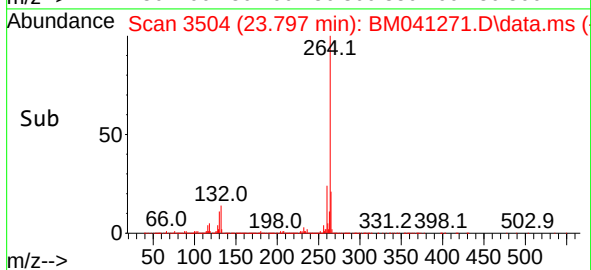
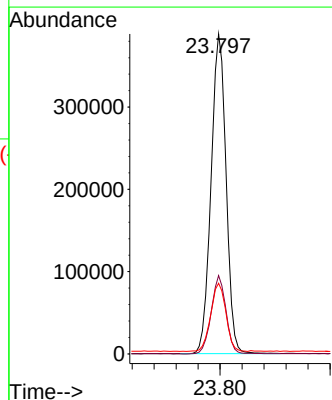
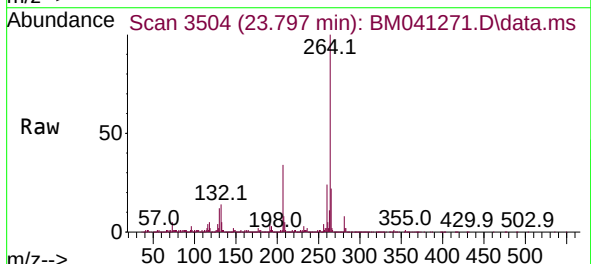
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

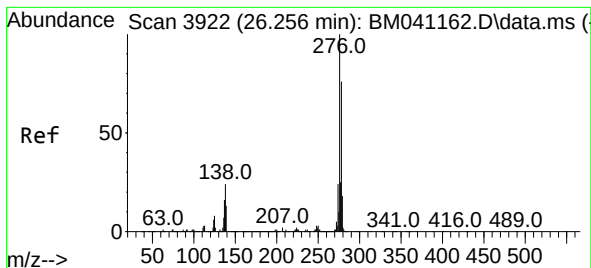
Tgt Ion:149 Resp: 2933768
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.9 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:264 Resp: 737169
Ion Ratio Lower Upper
264 100
260 24.5 18.5 27.7
265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.462 ng

RT: 26.256 min Scan# 3922

Delta R.T. -0.006 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS

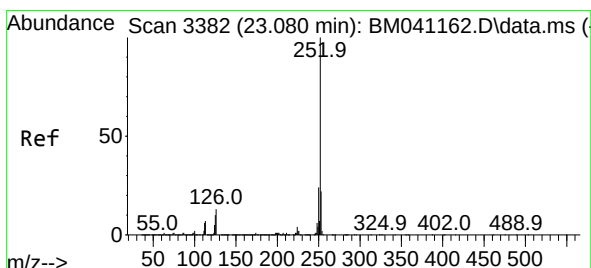
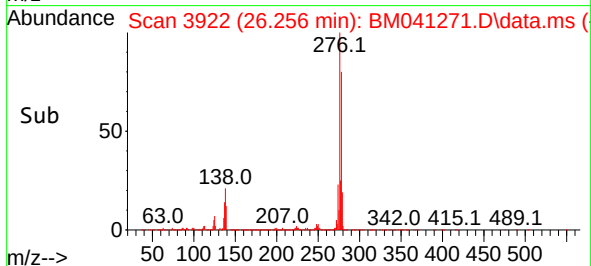
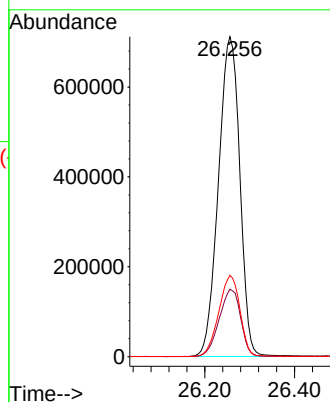
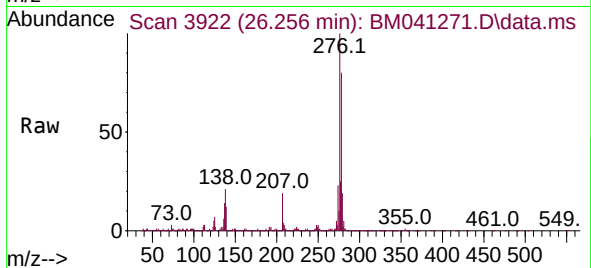
Tgt Ion:276 Resp: 2355514

Ion Ratio Lower Upper

276 100

138 21.2 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 48.194 ng

RT: 23.127 min Scan# 3390

Delta R.T. 0.041 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

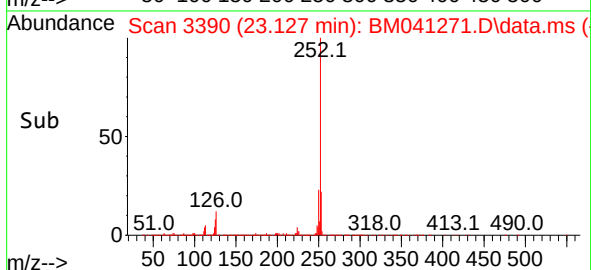
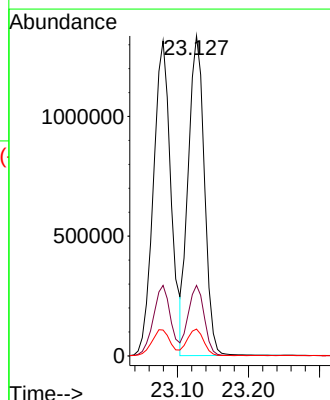
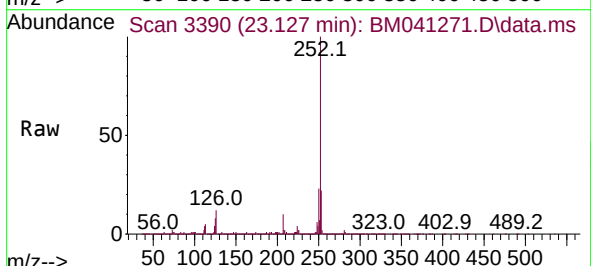
Tgt Ion:252 Resp: 2110511

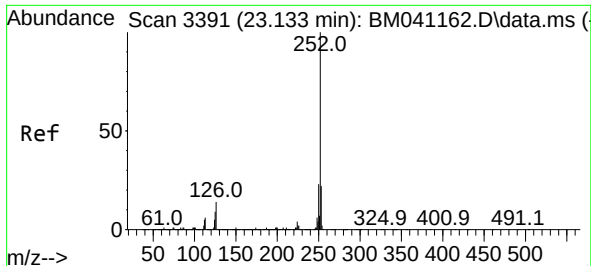
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.4 8.2 12.4

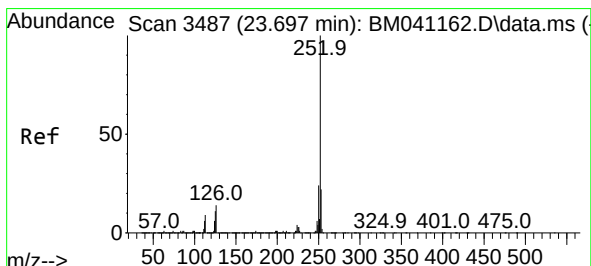
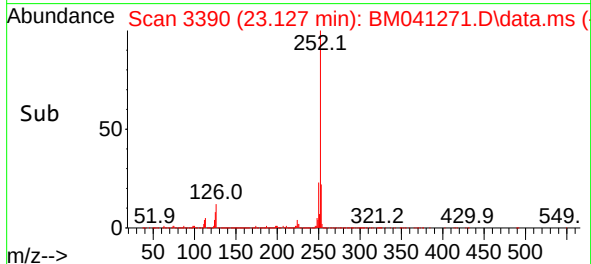
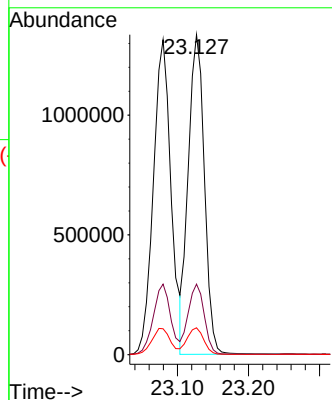
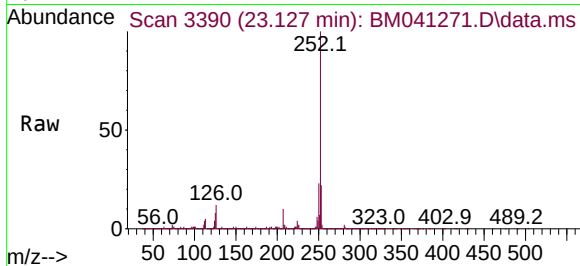




#89
Benzo(k)fluoranthene
Concen: 47.114 ng
RT: 23.127 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

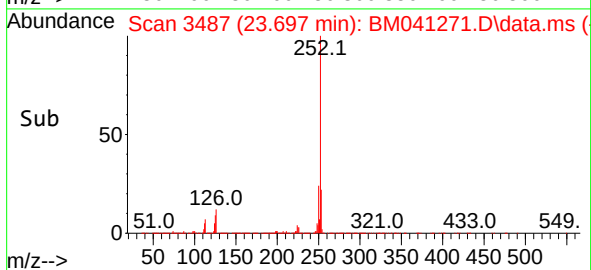
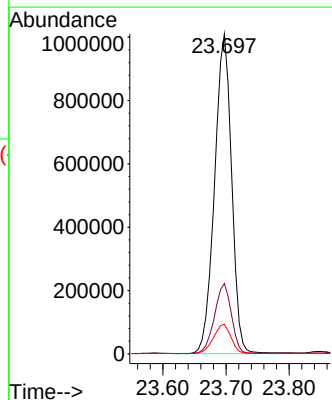
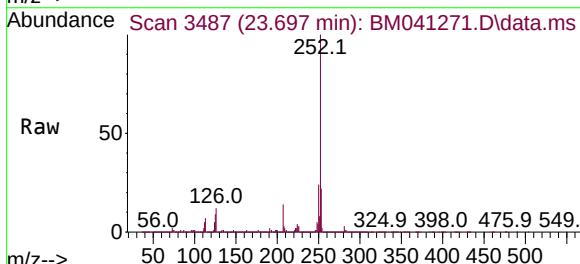
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

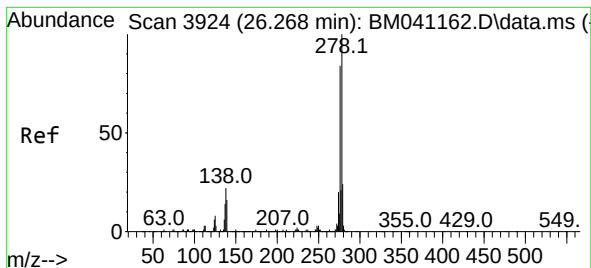
Tgt Ion:252 Resp: 2110511
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.4 7.6 11.4



#90
Benzo(a)pyrene
Concen: 44.984 ng
RT: 23.697 min Scan# 3487
Delta R.T. -0.000 min
Lab File: BM041271.D
Acq: 03 Aug 2023 20:52

Tgt Ion:252 Resp: 1892867
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 43.880 ng

RT: 26.268 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3MS

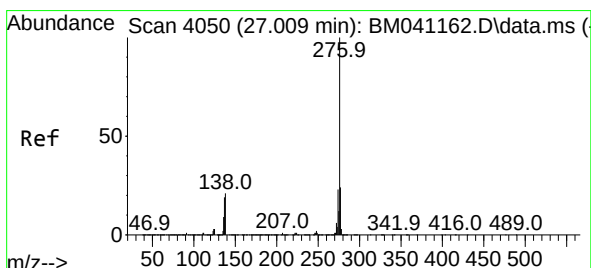
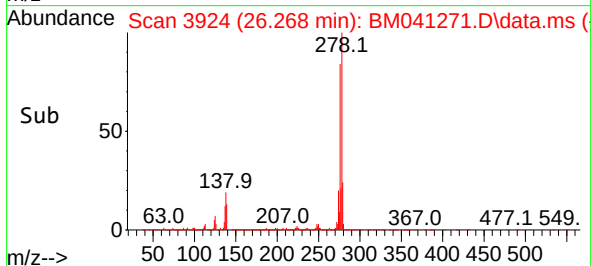
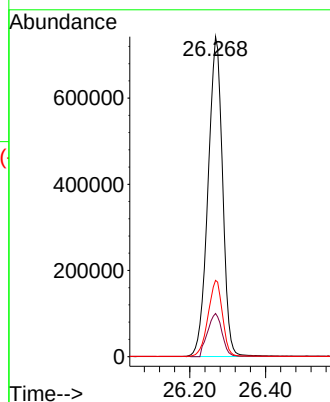
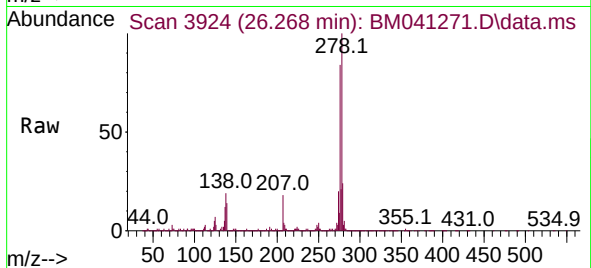
Tgt Ion:278 Resp: 1983624

Ion Ratio Lower Upper

278 100

139 13.5 12.7 19.1

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 41.578 ng

RT: 27.009 min Scan# 4050

Delta R.T. -0.006 min

Lab File: BM041271.D

Acq: 03 Aug 2023 20:52

Tgt Ion:276 Resp: 1839111

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.5 17.1 25.7

