

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037275.D
 Acq On : 29 Oct 2022 17:39
 Operator : CG/JU
 Sample : N5273-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LIDEN-GAS-PIPELINEMS

Quant Time: Oct 31 02:06:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 31 01:34:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	512174	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1938693	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	992029	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1655430	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1330783	20.000	ng	0.00
86) Perylene-d12	23.780	264	1474298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	3570702	120.445	ng	0.00
7) Phenol-d6	7.051	99	4453525	110.686	ng	0.00
23) Nitrobenzene-d5	9.045	82	2585825	67.294	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1271446	108.757	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	4729992	63.352	ng	0.00
79) Terphenyl-d14	19.862	244	4584787	61.781	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	472631	38.933	ng	99
3) Pyridine	3.734	79	1322332	36.562	ng	99
4) n-Nitrosodimethylamine	3.646	42	691225	43.727	ng	100
6) Aniline	7.204	93	2065195	41.986	ng	100
8) 2-Chlorophenol	7.440	128	1596097	44.235	ng	100
9) Benzaldehyde	7.016	77	1079286	52.993	ng	99
10) Phenol	7.075	94	1965688	43.600	ng	99
11) bis(2-Chloroethyl)ether	7.304	93	1550951	42.907	ng	99
12) 1,3-Dichlorobenzene	7.757	146	1722912	43.698	ng	99
13) 1,4-Dichlorobenzene	7.910	146	1758277	43.232	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1686771	43.183	ng	98
15) Benzyl Alcohol	8.122	79	1261434	43.851	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.404	45	2151572	41.752	ng	100
17) 2-Methylphenol	8.328	107	1230957	41.779	ng	100
18) Hexachloroethane	8.945	117	643344	44.854	ng	99
19) n-Nitroso-di-n-propyla...	8.692	70	1110157	40.254	ng	99
20) 3+4-Methylphenols	8.657	107	1615037	39.907	ng	99
22) Acetophenone	8.704	105	2206000	43.778	ng	99
24) Nitrobenzene	9.086	77	1636206	42.000	ng	99
25) Isophorone	9.610	82	2816872	43.862	ng	100
26) 2-Nitrophenol	9.792	139	792055	45.415	ng	99
27) 2,4-Dimethylphenol	9.857	122	1261618	48.743	ng	99
28) bis(2-Chloroethoxy)met...	10.092	93	1855425	46.435	ng	100
29) 2,4-Dichlorophenol	10.328	162	1291197	43.458	ng	99
30) 1,2,4-Trichlorobenzene	10.539	180	1453301	43.134	ng	98
31) Naphthalene	10.728	128	4531439	41.256	ng	99
32) Benzoic acid	10.010	122	703480	32.500	ng	99
33) 4-Chloroaniline	10.845	127	1184878	27.082	ng	100
34) Hexachlorobutadiene	10.998	225	821059	43.641	ng	97
35) Caprolactam	11.651	113	340250	37.669	ng	99
36) 4-Chloro-3-methylphenol	11.969	107	1231378	40.217	ng	99
37) 2-Methylnaphthalene	12.333	142	3000118	40.314	ng	100
38) 1-Methylnaphthalene	12.551	142	2802236	38.537	ng	100
40) 1,2,4,5-Tetrachloroben...	12.698	216	1455867	48.810	ng	99
41) Hexachlorocyclopentadiene	12.675	237	1695100	119.279	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	923907	44.996	ng	99

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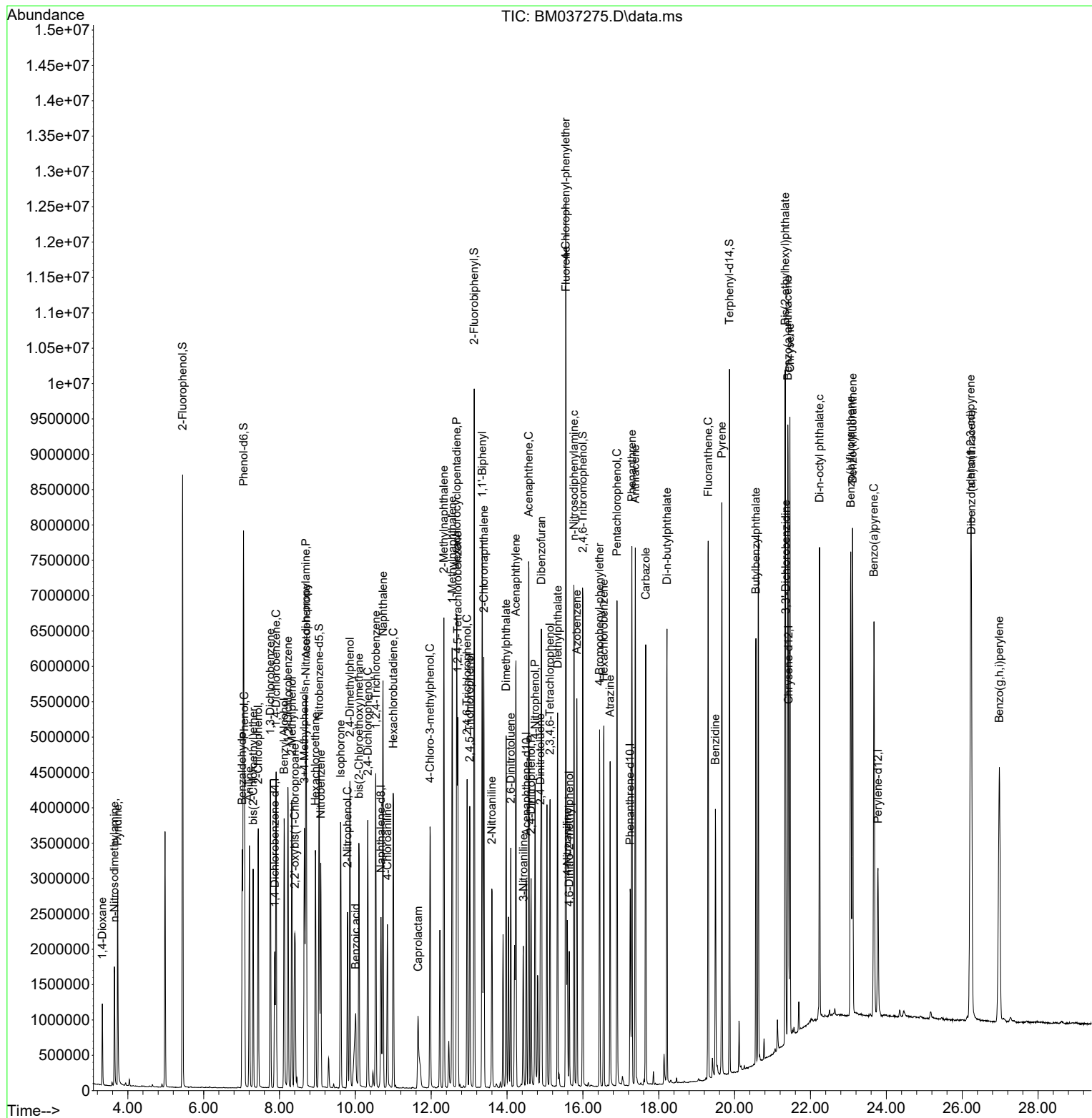
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	973949	42.999	ng	99
46) 1,1'-Biphenyl	13.345	154	3689727	46.090	ng	100
47) 2-Chloronaphthalene	13.386	162	2836083	44.518	ng	100
48) 2-Nitroaniline	13.598	65	771304	41.896	ng	100
49) Acenaphthylene	14.233	152	4266703	43.144	ng	100
50) Dimethylphthalate	13.974	163	3058354	40.362	ng	100
51) 2,6-Dinitrotoluene	14.098	165	668619	41.668	ng	97
52) Acenaphthene	14.569	154	2581009	42.216	ng	99
53) 3-Nitroaniline	14.427	138	496065	27.672	ng	99
54) 2,4-Dinitrophenol	14.633	184	589889	57.778	ng	95
55) Dibenzofuran	14.904	168	3923155	41.661	ng	100
56) 4-Nitrophenol	14.739	139	1139382	79.671	ng	99
57) 2,4-Dinitrotoluene	14.880	165	865933	41.011	ng	98
58) Fluorene	15.551	166	3231036	41.106	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	752075	39.614	ng	99
60) Diethylphthalate	15.333	149	2940601	39.929	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1547336	42.551	ng	98
62) 4-Nitroaniline	15.586	138	658654	36.635	ng	98
63) Azobenzene	15.839	77	2980831	41.086	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	385727	34.925	ng	99
66) n-Nitrosodiphenylamine	15.763	169	2589150	46.272	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	878562	47.293	ng	100
68) Hexachlorobenzene	16.551	284	1025110	45.597	ng	97
69) Atrazine	16.715	200	769625	54.665	ng	99
70) Pentachlorophenol	16.898	266	1130527	86.419	ng	99
71) Phenanthrene	17.292	178	4391961	42.763	ng	100
72) Anthracene	17.380	178	4338269	44.618	ng	100
73) Carbazole	17.657	167	3801398	42.622	ng	100
74) Di-n-butylphthalate	18.215	149	4457487	45.262	ng	100
75) Fluoranthene	19.303	202	4349118	40.060	ng	99
77) Benzidine	19.492	184	2203056	111.020	ng	99
78) Pyrene	19.662	202	4466621	43.648	ng	100
80) Butylbenzylphthalate	20.562	149	1726508	47.242	ng	98
81) Benzo(a)anthracene	21.403	228	4069623	42.954	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	1361517	48.929	ng	99
83) Chrysene	21.456	228	3829297	41.951	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	2494467	50.856	ng	97
85) Di-n-octyl phthalate	22.239	149	4100415	53.081	ng	100
87) Indeno(1,2,3-cd)pyrene	26.227	276	5506164	45.614	ng	100
88) Benzo(b)fluoranthene	23.062	252	4533292	44.291	ng	99
89) Benzo(k)fluoranthene	23.109	252	4359096	41.753	ng	99
90) Benzo(a)pyrene	23.674	252	4011619	48.104	ng	99
91) Dibenzo(a,h)anthracene	26.244	278	4703545	46.921	ng	99
92) Benzo(g,h,i)perylene	26.979	276	4490954	46.031	ng	100

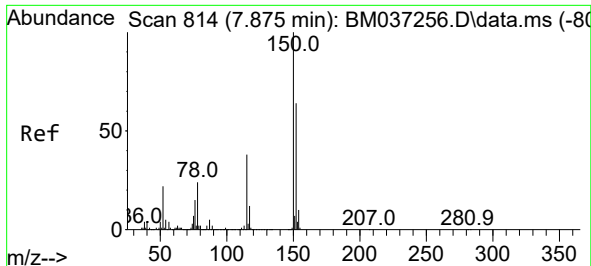
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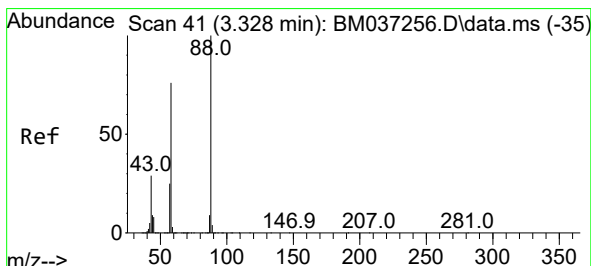
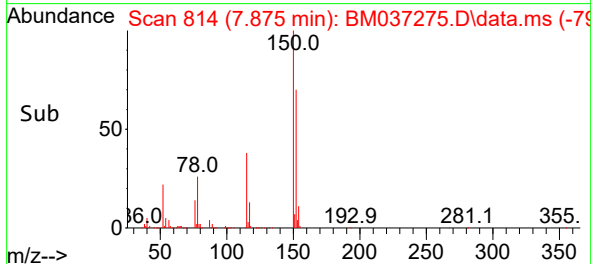
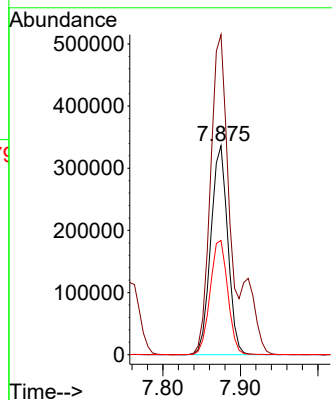
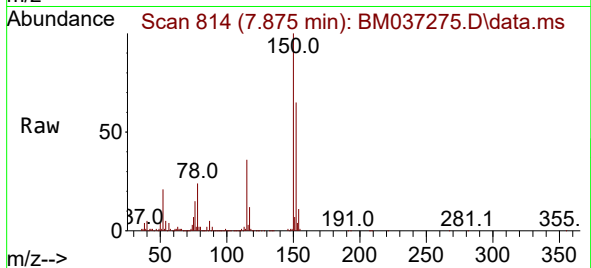




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.875 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BM037275.D
 Acq: 29 Oct 2022 17:39

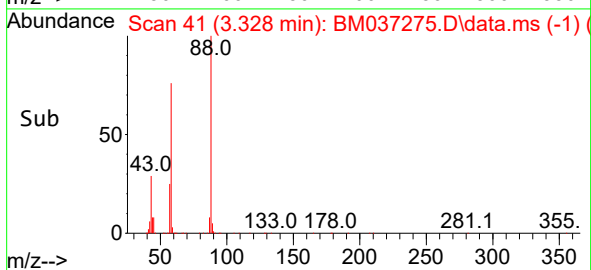
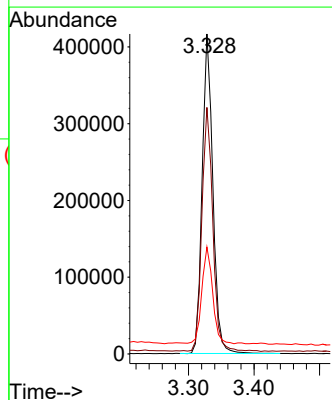
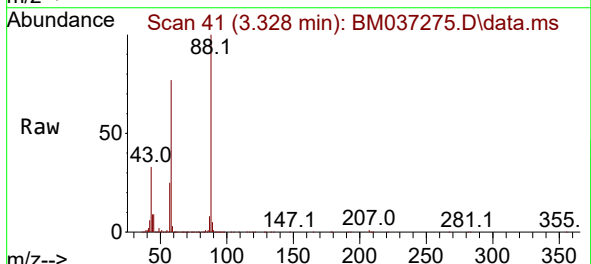
Instrument :
 BNA_M
 ClientSampleId :
 LIDEN-GAS-PIPELINEMS

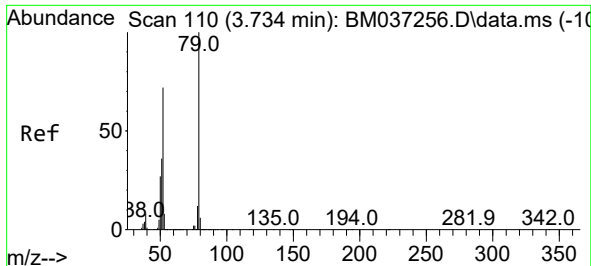
Tgt Ion:152 Resp: 512174
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.8 187.2
 115 54.7 47.0 70.4



#2
 1,4-Dioxane
 Concen: 38.933 ng
 RT: 3.328 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BM037275.D
 Acq: 29 Oct 2022 17:39

Tgt Ion: 88 Resp: 472631
 Ion Ratio Lower Upper
 88 100
 58 77.9 63.5 95.3
 43 30.4 24.2 36.4



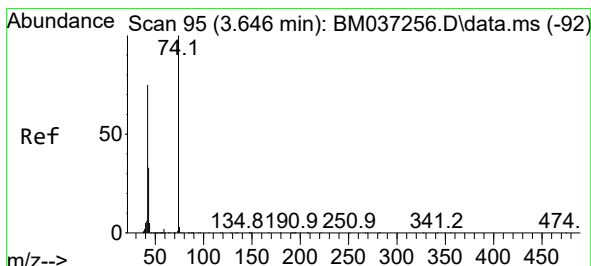
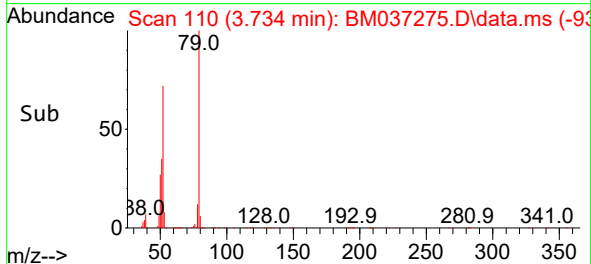
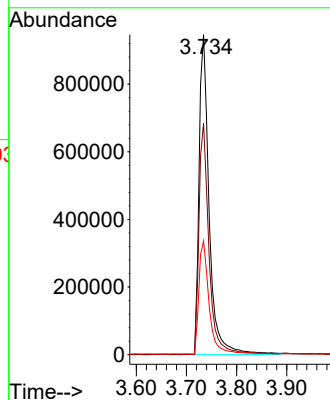
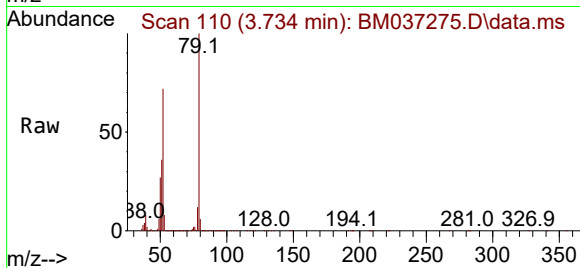


#3
Pyridine
Concen: 36.562 ng
RT: 3.734 min Scan# 110
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

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BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

Tgt Ion: 79 Resp: 1322332

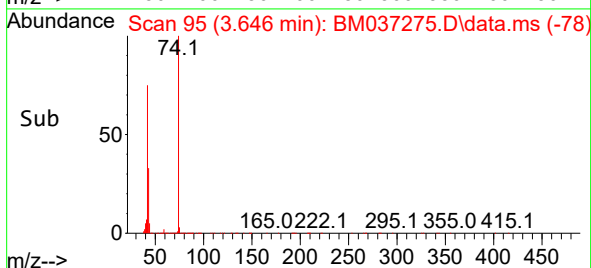
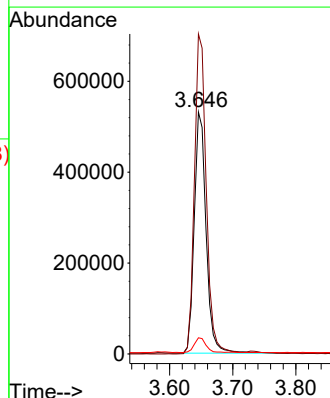
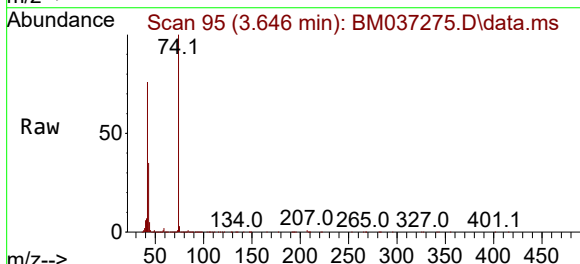
Ion	Ratio	Lower	Upper
79	100		
52	72.3	57.8	86.6
51	35.6	29.0	43.6

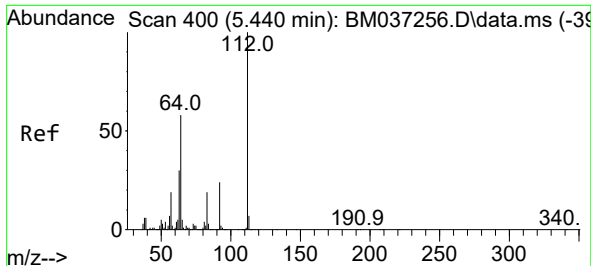


#4
n-Nitrosodimethylamine
Concen: 43.727 ng
RT: 3.646 min Scan# 95
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion: 42 Resp: 691225

Ion	Ratio	Lower	Upper
42	100		
74	132.2	106.2	159.2
44	6.7	5.4	8.0

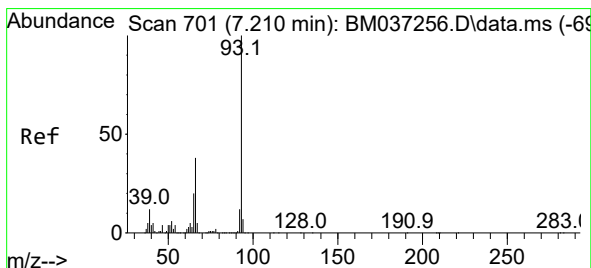
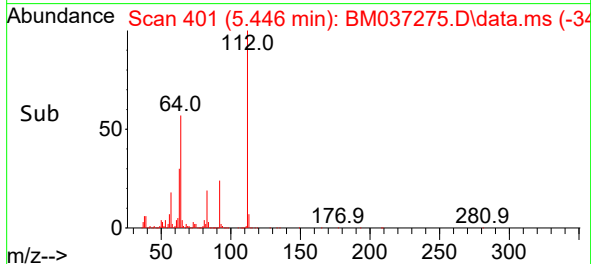
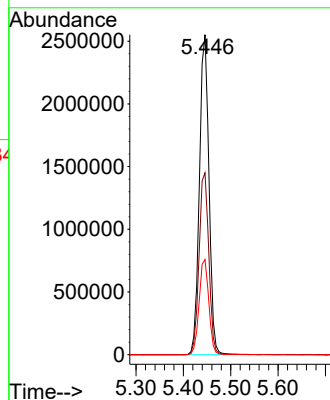
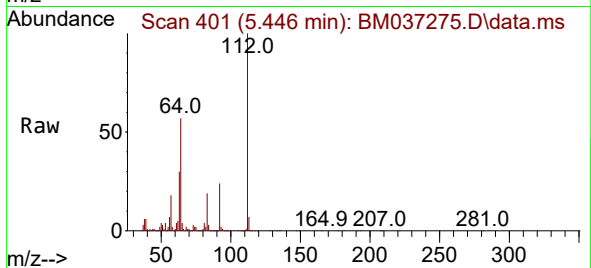




#5
2-Fluorophenol
Concen: 120.445 ng
RT: 5.446 min Scan# 400
Delta R.T. 0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

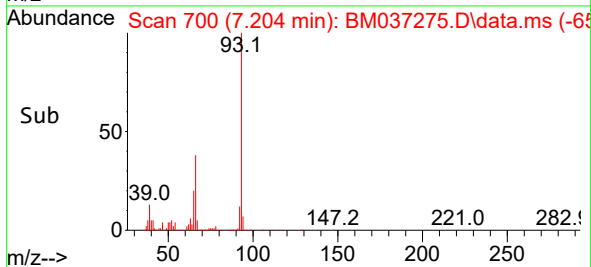
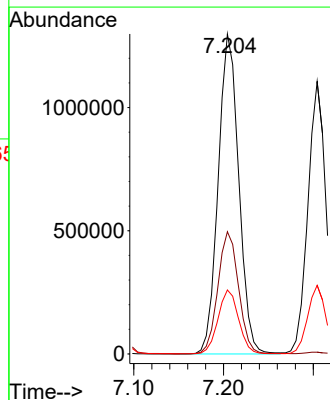
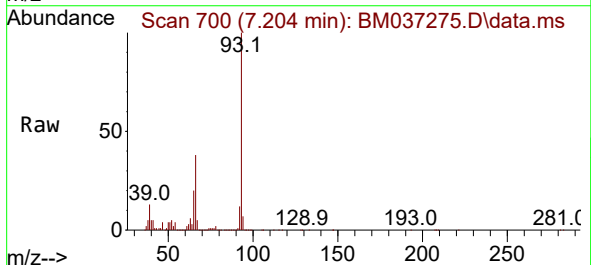
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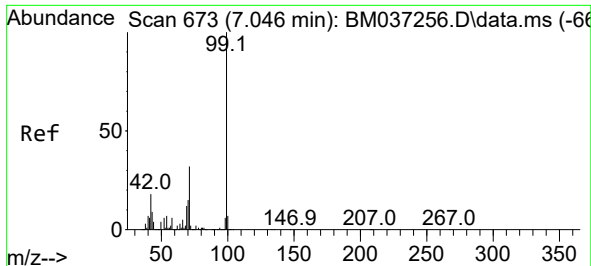
Tgt Ion:112 Resp: 3570702
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 29.8 24.4 36.6



#6
Aniline
Concen: 41.986 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion: 93 Resp: 2065195
Ion Ratio Lower Upper
93 100
66 38.2 30.4 45.6
65 20.0 16.2 24.2

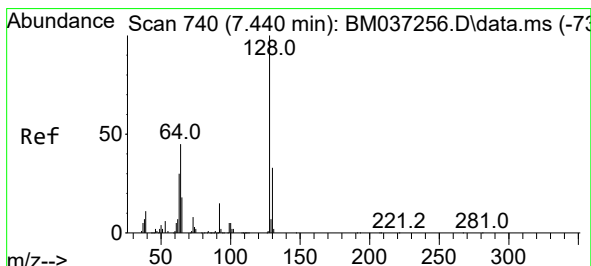
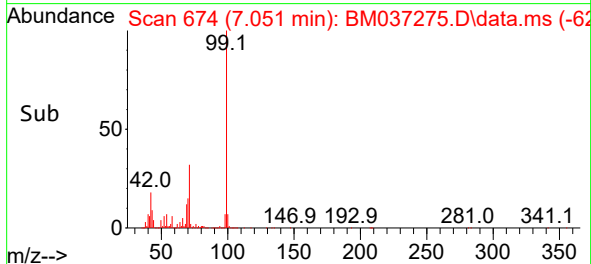
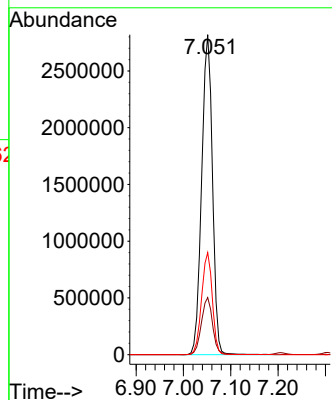
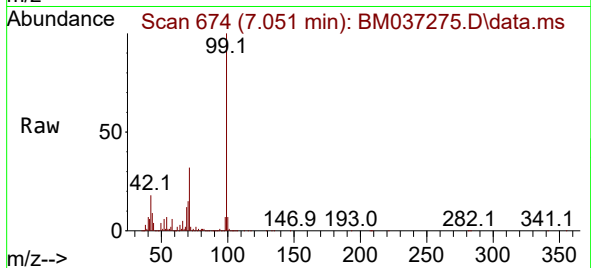




#7
Phenol-d6
Concen: 110.686 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.005 min
Lab File: BM037275.D
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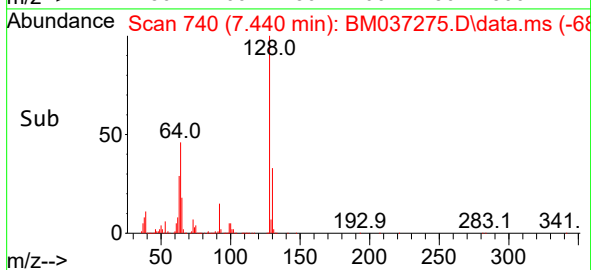
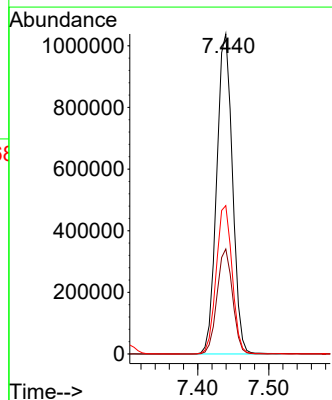
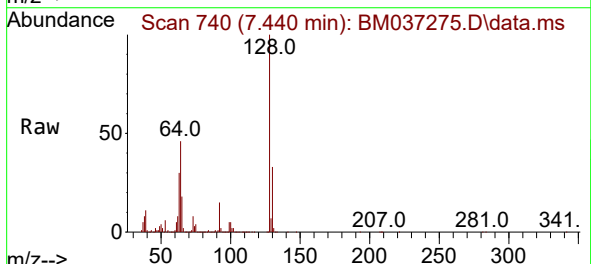
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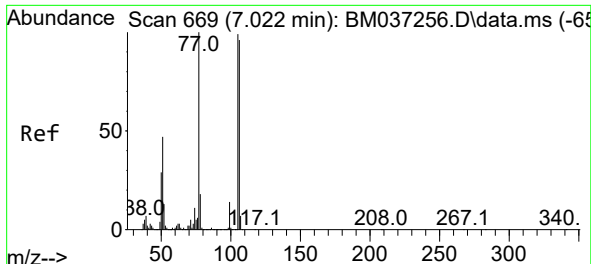
Tgt Ion: 99 Resp: 4453525
Ion Ratio Lower Upper
99 100
42 17.9 14.8 22.2
71 31.9 25.6 38.4



#8
2-Chlorophenol
Concen: 44.235 ng
RT: 7.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion: 128 Resp: 1596097
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 46.4 26.4 66.4

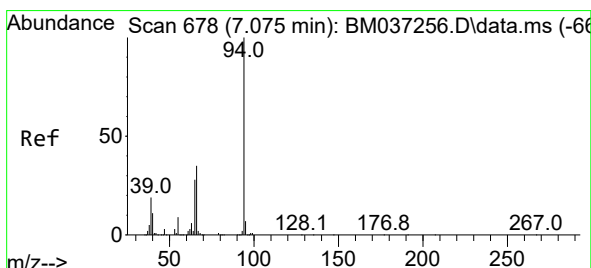
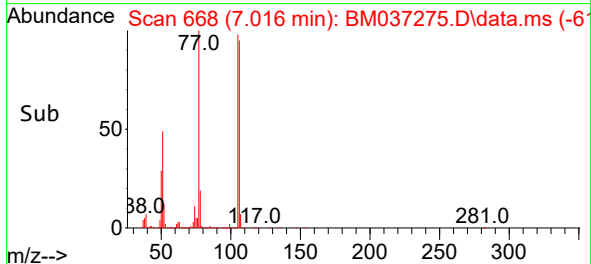
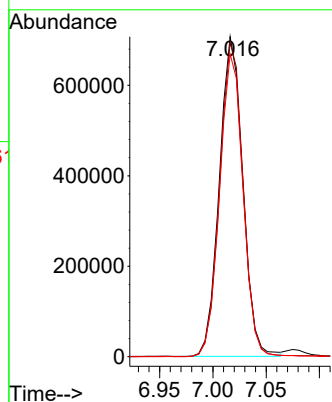
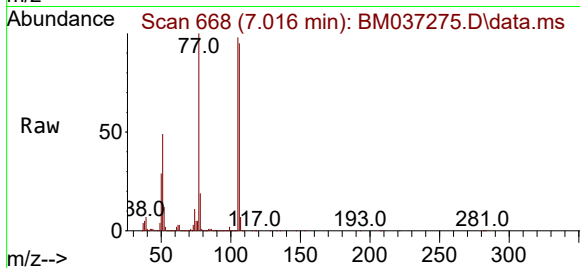




#9
Benzaldehyde
Concen: 52.993 ng
RT: 7.016 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037275.D
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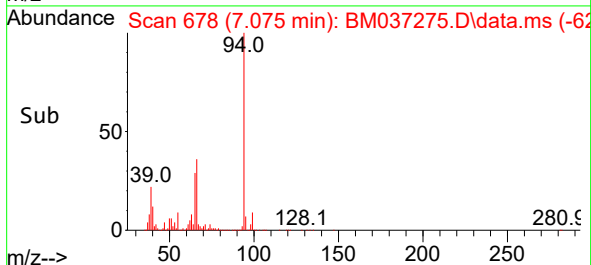
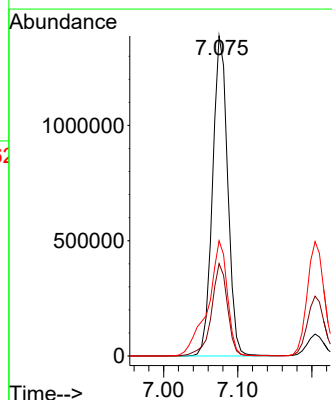
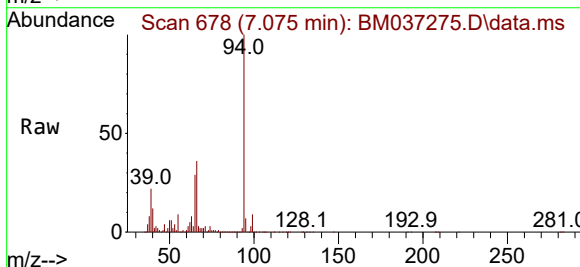
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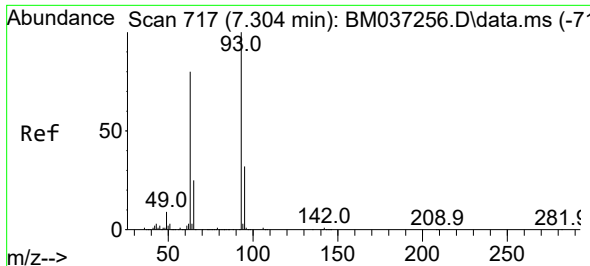
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Ion Ratio Lower Upper
77 100
105 98.2 78.6 118.6
106 94.6 75.8 115.8



#10
Phenol
Concen: 43.600 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion: 94 Resp: 1965688
Ion Ratio Lower Upper
94 100
65 28.9 8.1 48.1
66 36.0 15.5 55.5

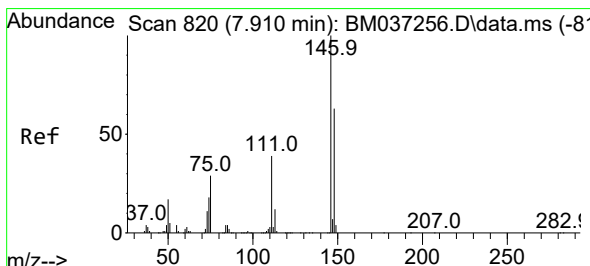
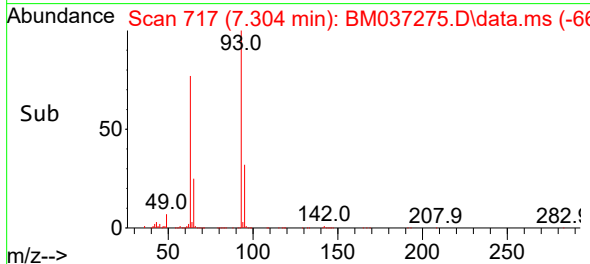
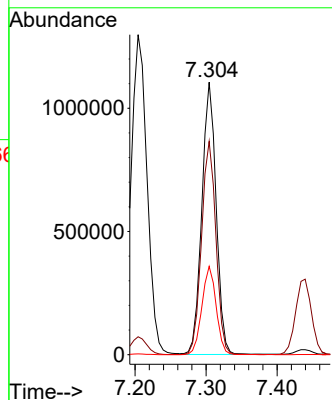
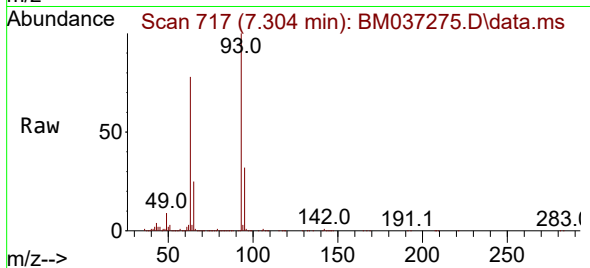




#11
bis(2-Chloroethyl)ether
Concen: 42.907 ng
RT: 7.304 min Scan# 717
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

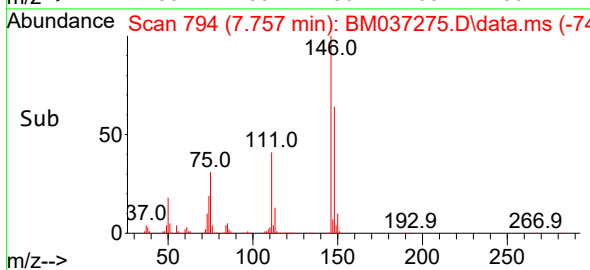
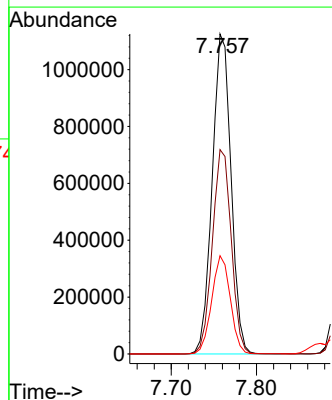
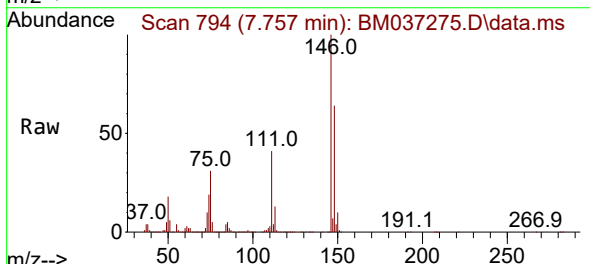
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

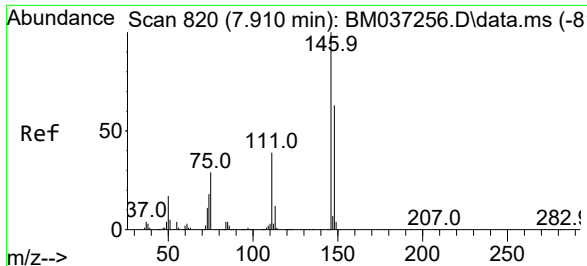
Tgt Ion: 93 Resp: 1550951
Ion Ratio Lower Upper
93 100
63 78.2 59.3 99.3
95 32.4 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 43.698 ng
RT: 7.757 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:146 Resp: 1722912
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 30.7 24.5 36.7

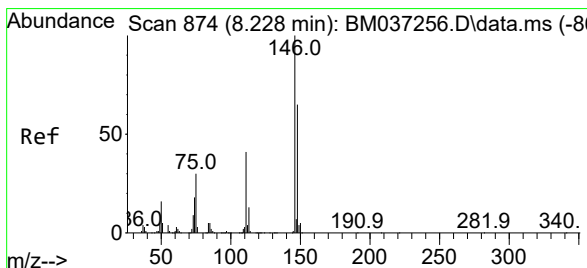
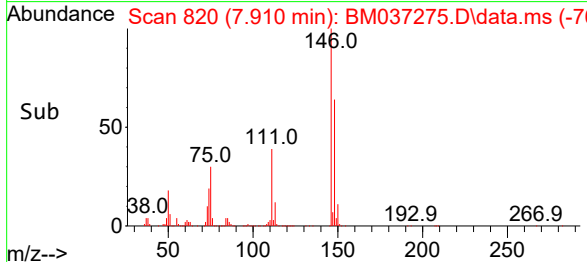
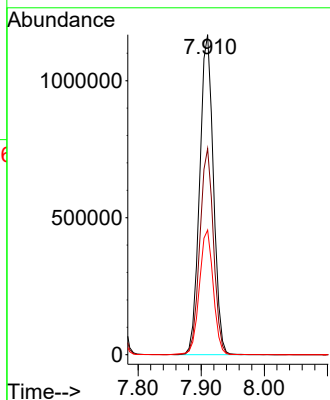
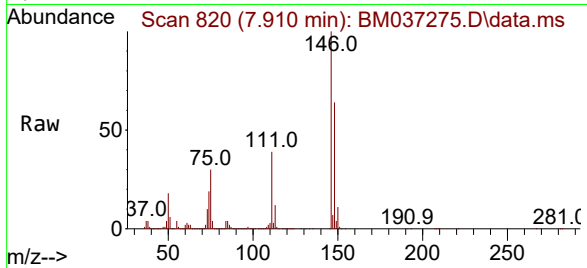




#13
1,4-Dichlorobenzene
Concen: 43.232 ng
RT: 7.910 min Scan# 811
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

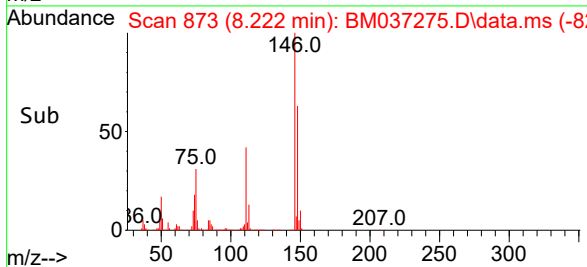
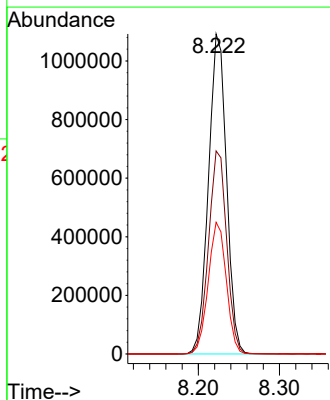
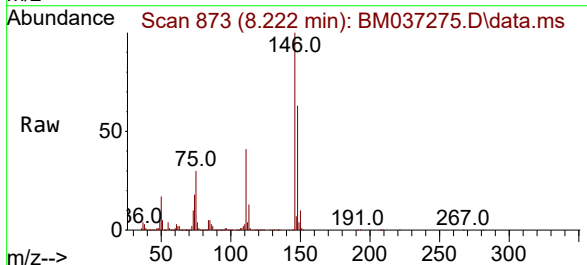
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

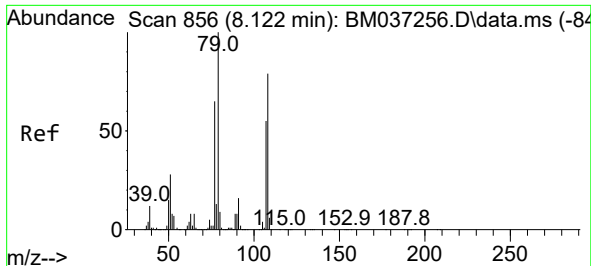
Tgt Ion:146 Resp: 1758277
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
111 38.9 31.1 46.7



#14
1,2-Dichlorobenzene
Concen: 43.183 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:146 Resp: 1686771
Ion Ratio Lower Upper
146 100
148 63.4 52.4 78.6
111 41.1 33.0 49.6

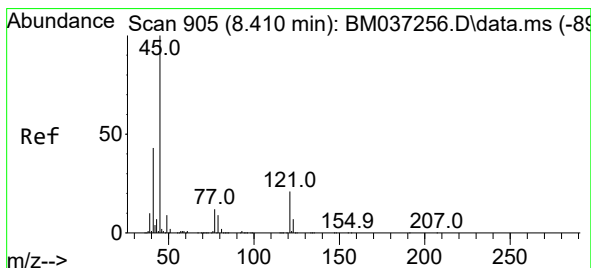
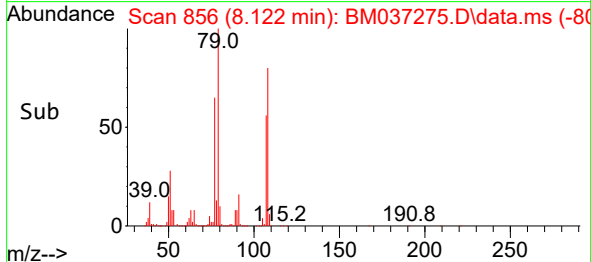
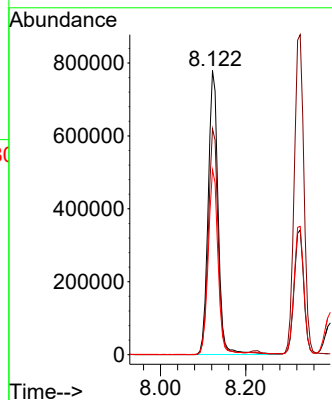
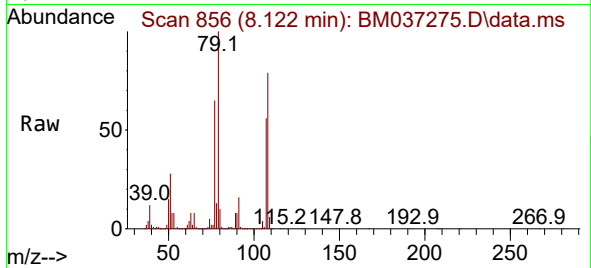




#15
Benzyl Alcohol
Concen: 43.851 ng
RT: 8.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

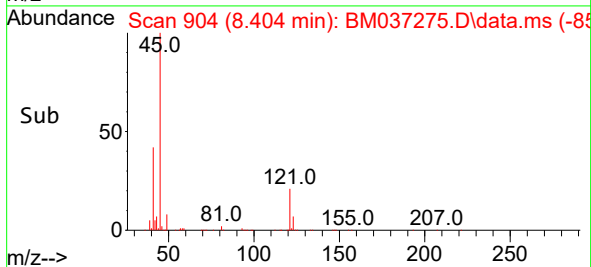
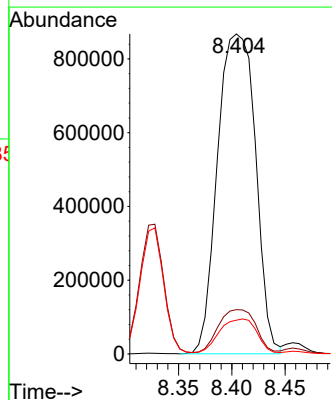
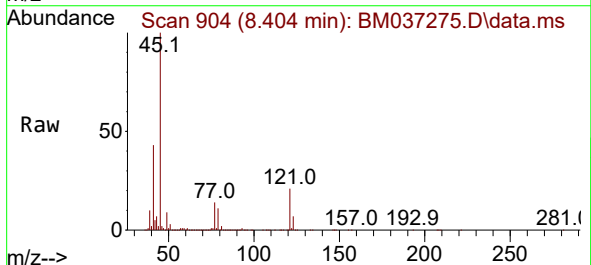
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

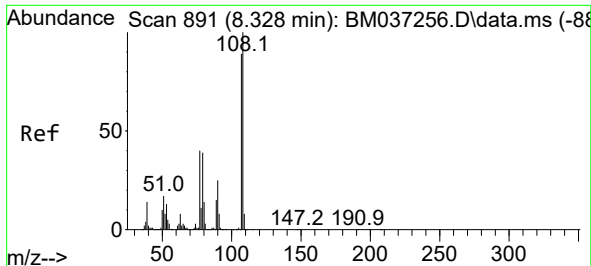
Tgt Ion: 79 Resp: 1261434
Ion Ratio Lower Upper
79 100
108 79.5 63.1 94.7
77 65.1 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.752 ng
RT: 8.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion: 45 Resp: 2151572
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.0
79 10.5 0.0 30.6

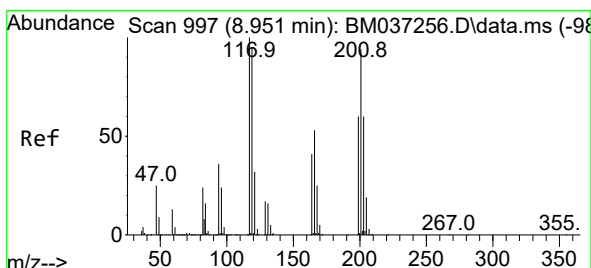
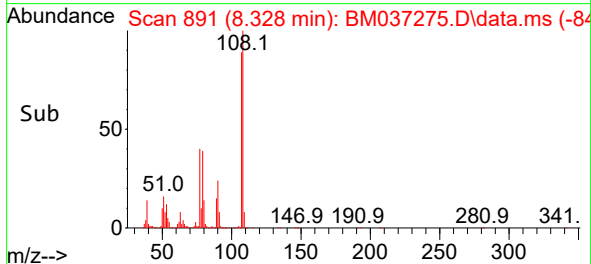
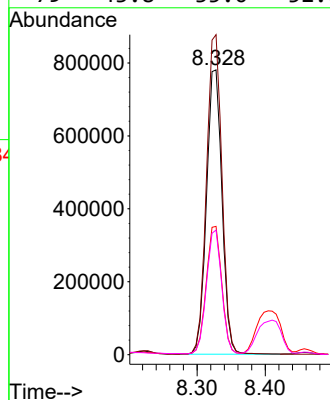
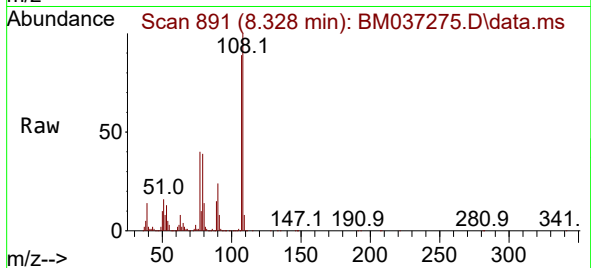




#17
2-Methylphenol
Concen: 41.779 ng
RT: 8.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

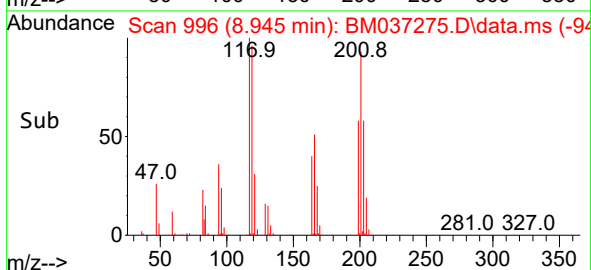
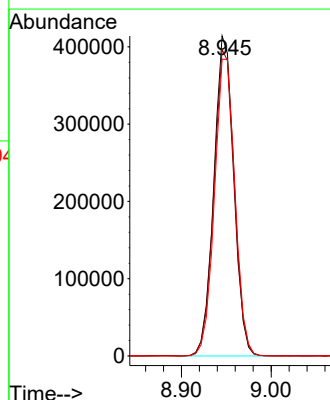
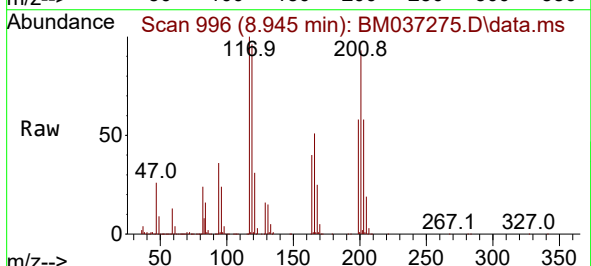
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

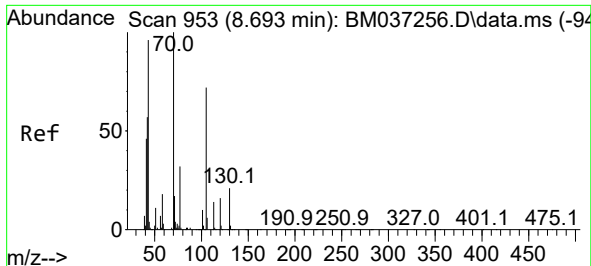
Tgt Ion:107 Resp: 1230957
Ion Ratio Lower Upper
107 100
108 112.3 89.5 134.3
77 45.0 36.2 54.2
79 43.8 35.0 52.6



#18
Hexachloroethane
Concen: 44.854 ng
RT: 8.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:117 Resp: 643344
Ion Ratio Lower Upper
117 100
119 95.7 75.9 113.9
201 92.8 75.0 112.4



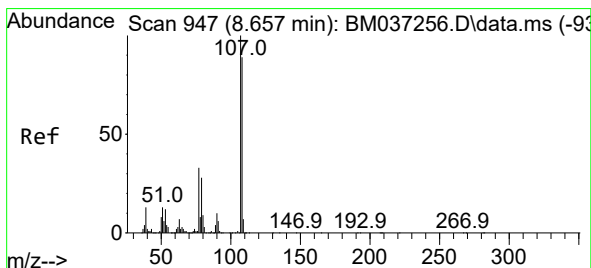
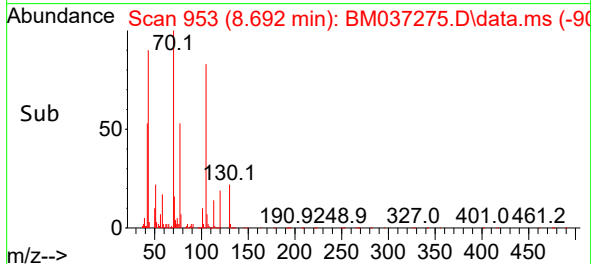
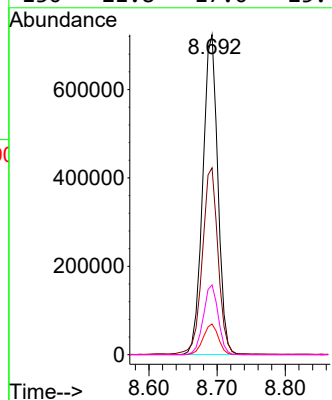
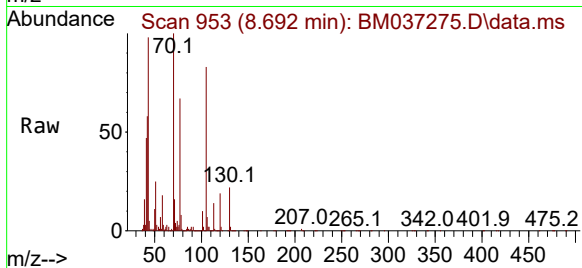


#19
n-Nitroso-di-n-propylamine
Concen: 40.254 ng
RT: 8.692 min Scan# 911
Delta R.T. -0.001 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

Tgt Ion: 70 Resp: 1110157

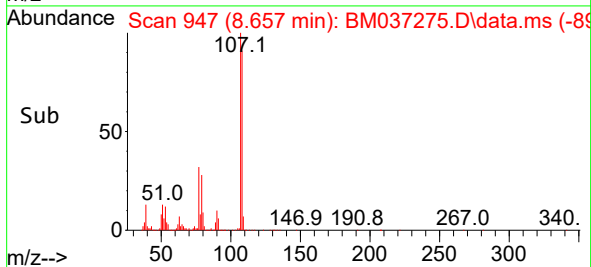
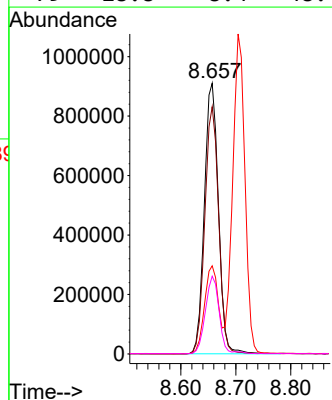
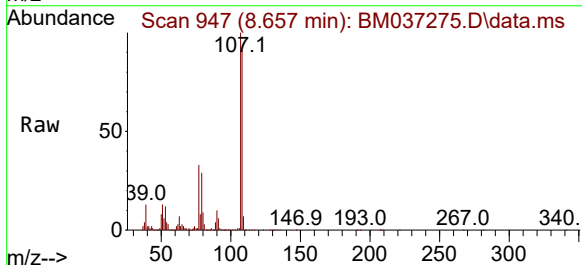
Ion	Ratio	Lower	Upper
70	100		
42	58.4	46.4	69.6
101	9.6	7.8	11.8
130	21.8	17.0	25.4

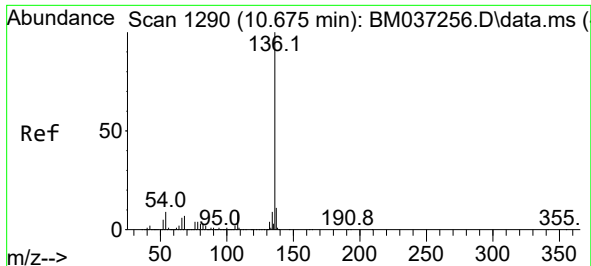


#20
3+4-Methylphenols
Concen: 39.907 ng
RT: 8.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion: 107 Resp: 1615037

Ion	Ratio	Lower	Upper
107	100		
108	91.3	69.4	109.4
77	32.6	12.8	52.8
79	28.8	8.4	48.4

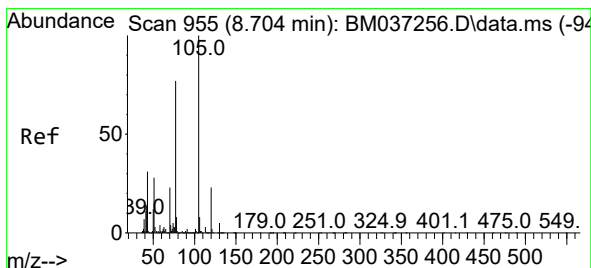
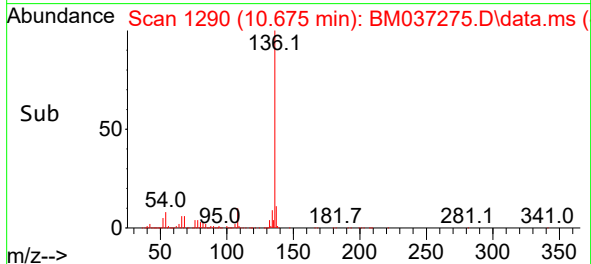
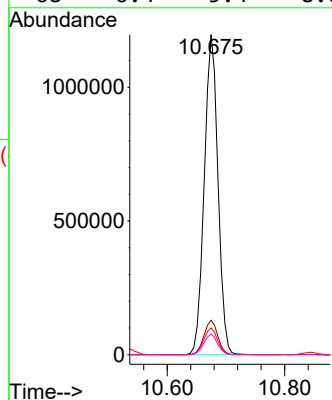
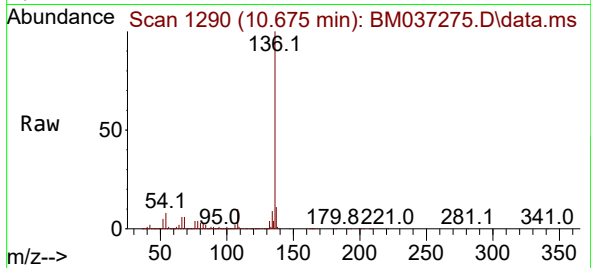




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

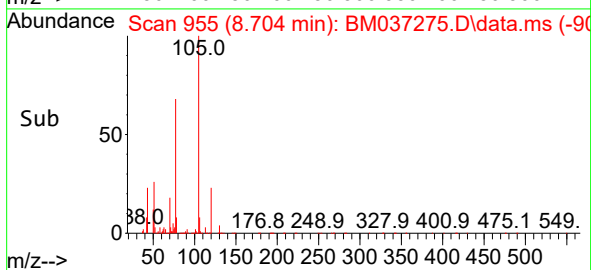
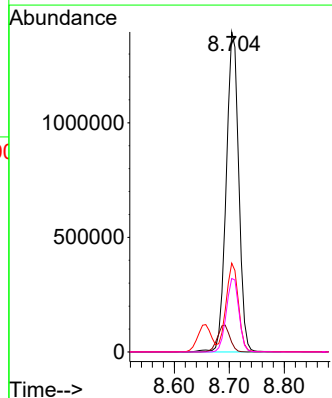
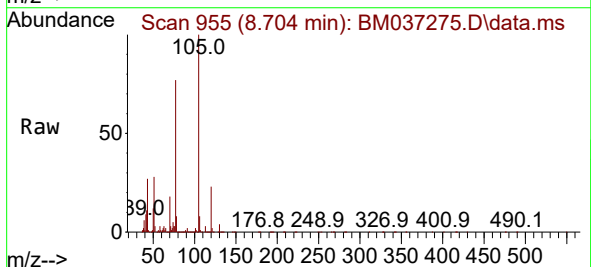
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

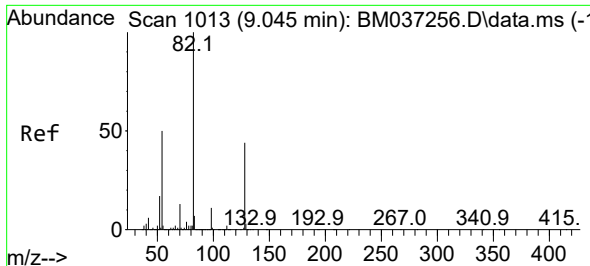
Tgt Ion:136 Resp: 1938693
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.3 7.0 10.4
68 6.4 5.4 8.0



#22
Acetophenone
Concen: 43.778 ng
RT: 8.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:105 Resp: 2206000
Ion Ratio Lower Upper
105 100
71 3.0 3.0 4.4
51 27.8 22.1 33.1
120 23.0 18.2 27.2

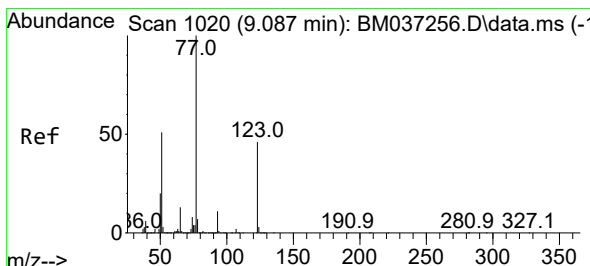
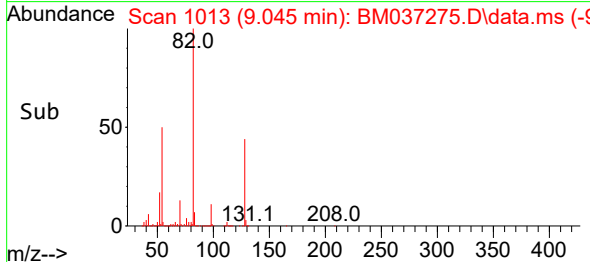
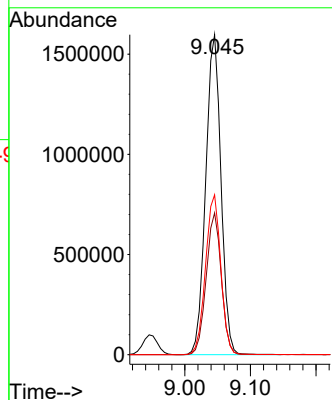
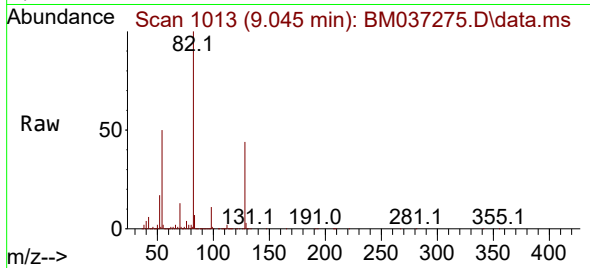




#23
Nitrobenzene-d5
Concen: 67.294 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

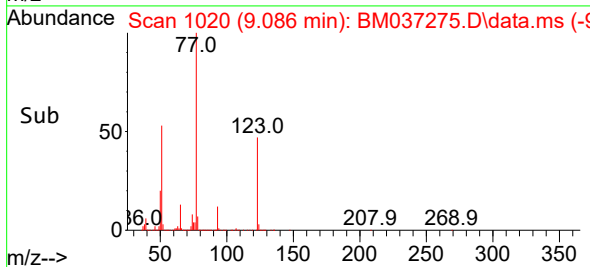
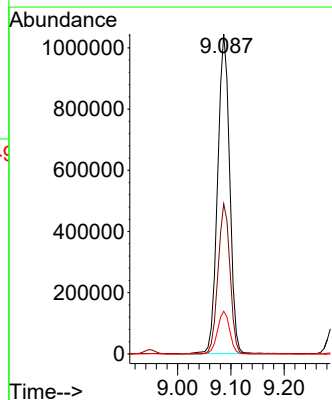
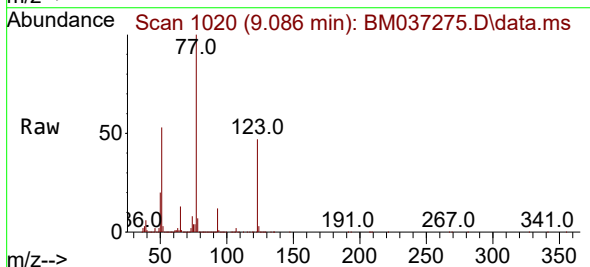
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

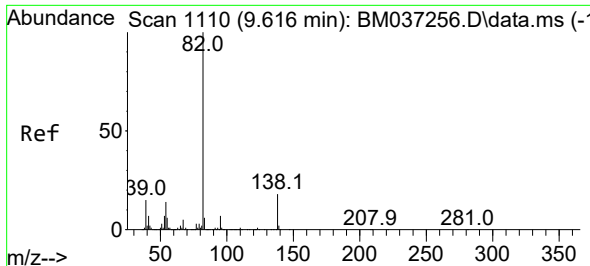
Tgt Ion: 82 Resp: 2585825
Ion Ratio Lower Upper
82 100
128 44.3 35.2 52.8
54 49.9 40.4 60.6



#24
Nitrobenzene
Concen: 42.000 ng
RT: 9.086 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion: 77 Resp: 1636206
Ion Ratio Lower Upper
77 100
123 46.9 36.6 55.0
65 13.3 10.6 16.0

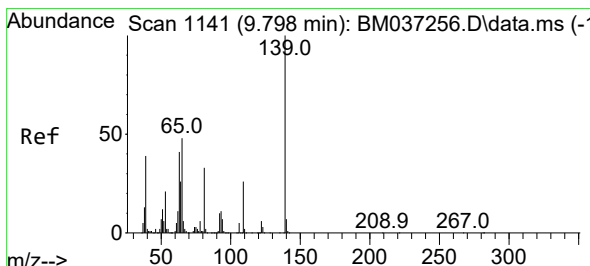
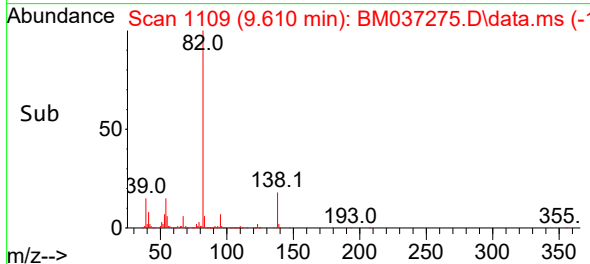
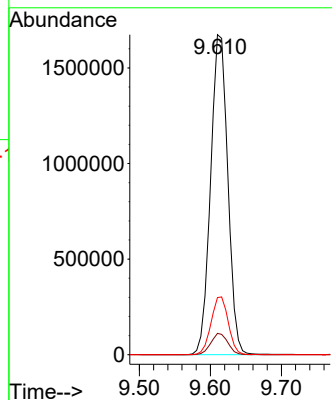
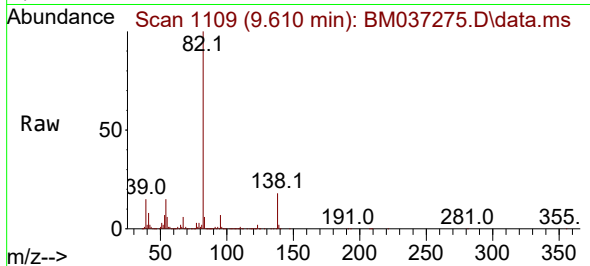




#25
Isophorone
Concen: 43.862 ng
RT: 9.610 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

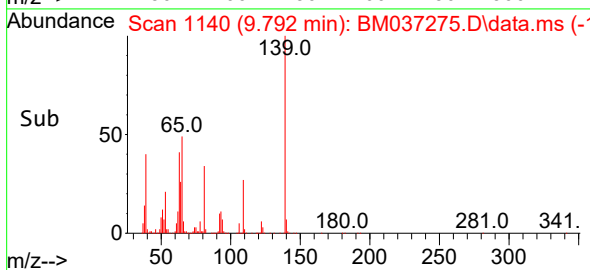
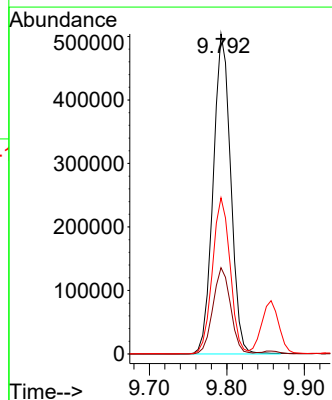
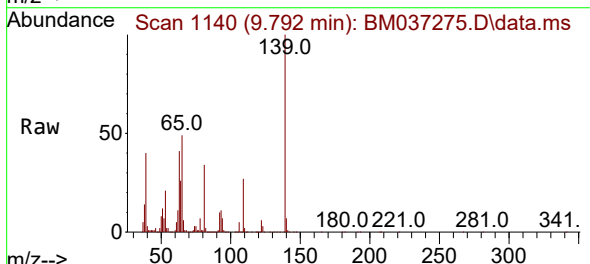
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

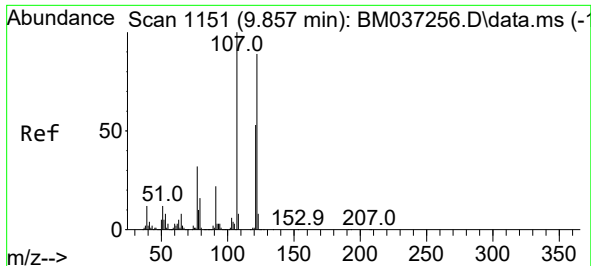
Tgt Ion: 82 Resp: 2816872
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 17.9 14.2 21.4



#26
2-Nitrophenol
Concen: 45.415 ng
RT: 9.792 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:139 Resp: 792055
Ion Ratio Lower Upper
139 100
109 26.9 21.1 31.7
65 48.8 38.6 58.0

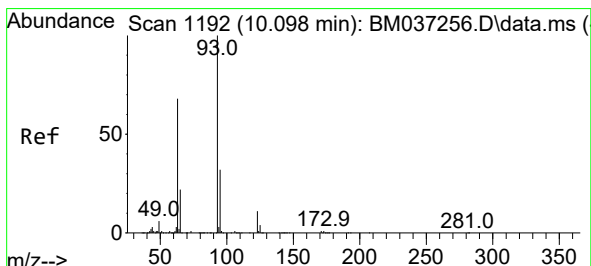
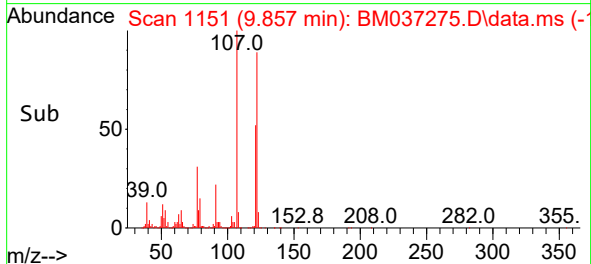
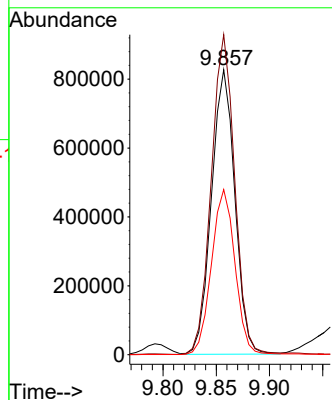
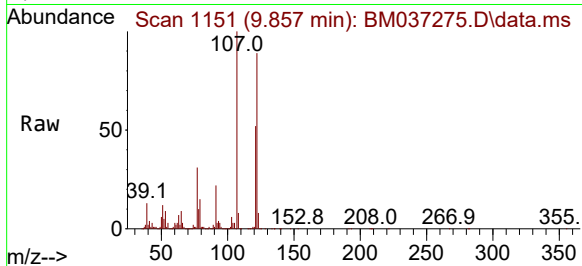




#27
2,4-Dimethylphenol
Concen: 48.743 ng
RT: 9.857 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

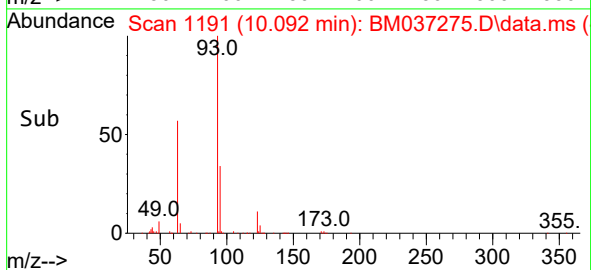
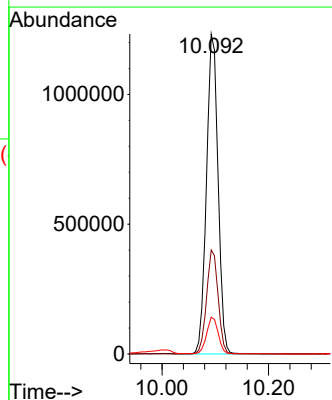
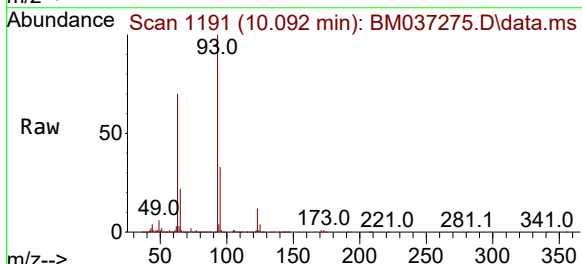
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

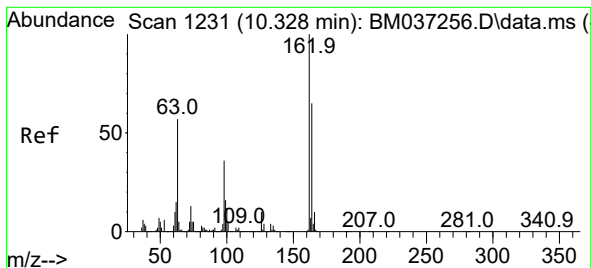
Tgt Ion:122 Resp: 1261618
Ion Ratio Lower Upper
122 100
107 112.3 89.7 134.5
121 57.9 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 46.435 ng
RT: 10.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion: 93 Resp: 1855425
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.5 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 43.458 ng

RT: 10.328 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

Instrument :

BNA_M

ClientSampleId :

LIDEN-GAS-PIPELINEMS

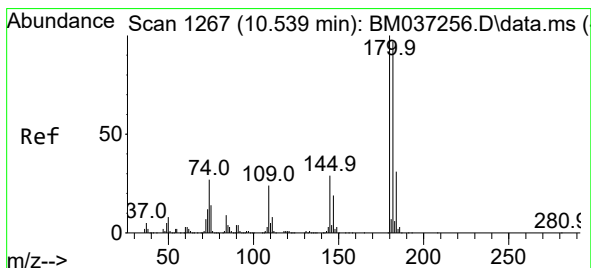
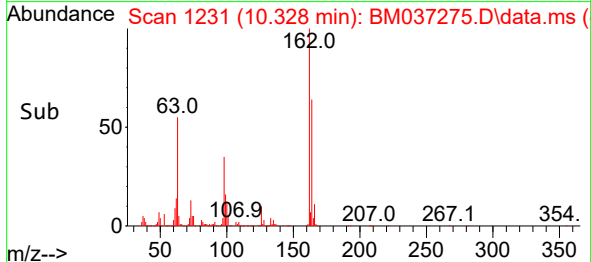
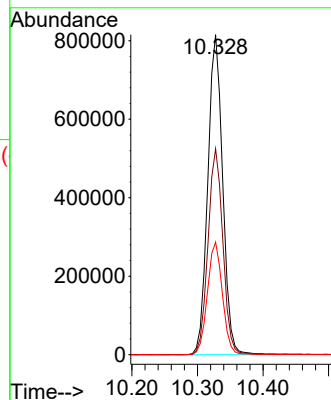
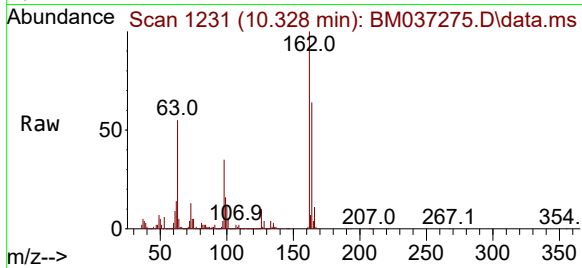
Tgt Ion:162 Resp: 1291197

Ion Ratio Lower Upper

162 100

164 64.4 45.0 85.0

98 35.2 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 43.134 ng

RT: 10.539 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

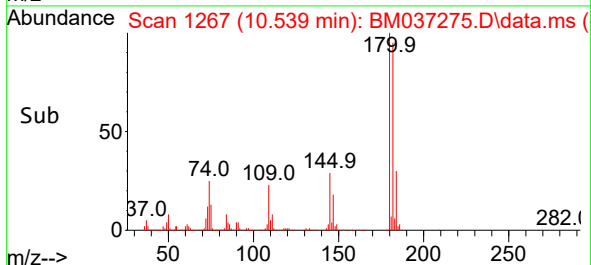
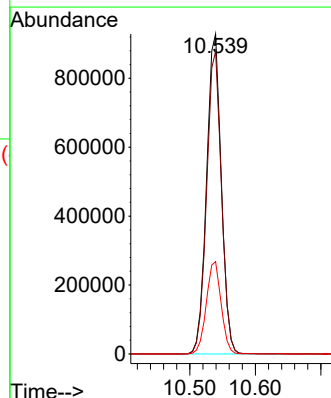
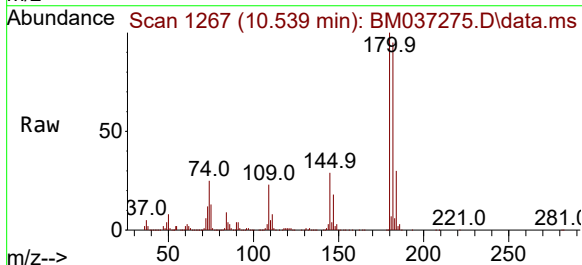
Tgt Ion:180 Resp: 1453301

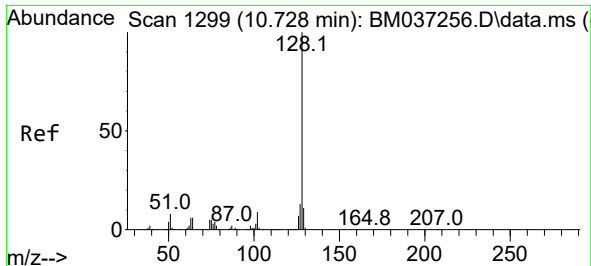
Ion Ratio Lower Upper

180 100

182 94.6 77.5 116.3

145 28.8 23.5 35.3

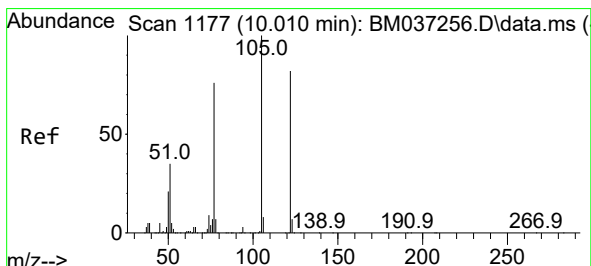
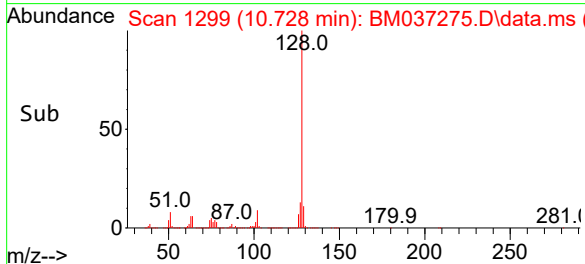
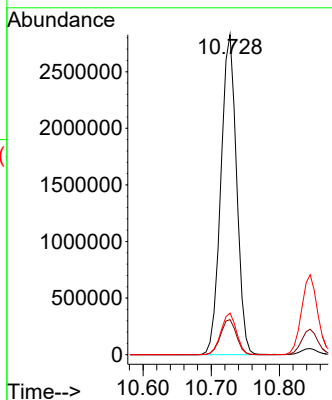
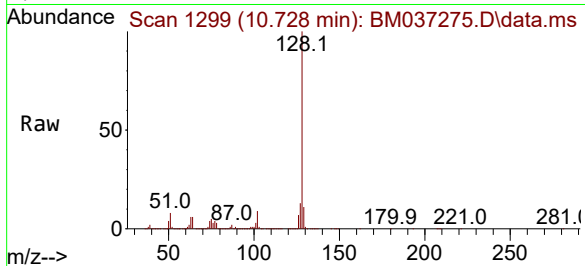




#31
Naphthalene
Concen: 41.256 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

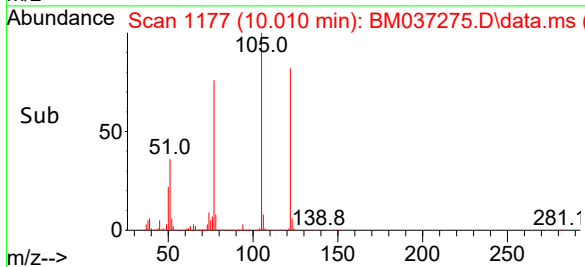
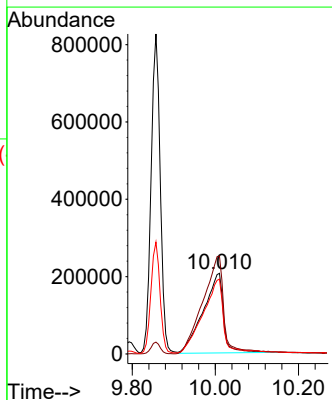
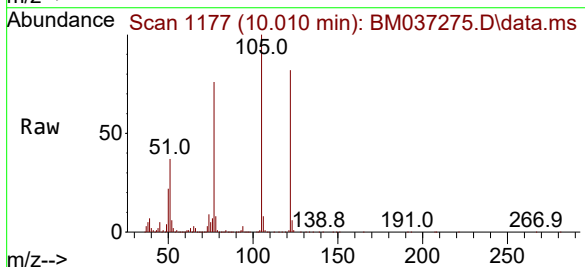
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

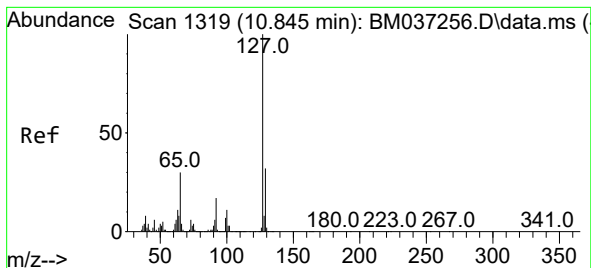
Tgt Ion:128 Resp: 4531439
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.2 15.2



#32
Benzoic acid
Concen: 32.500 ng
RT: 10.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:122 Resp: 703480
Ion Ratio Lower Upper
122 100
105 121.5 100.1 140.1
77 93.0 71.7 111.7

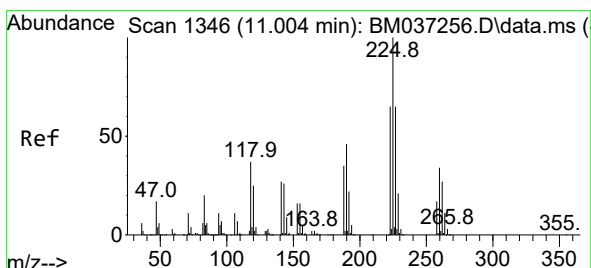
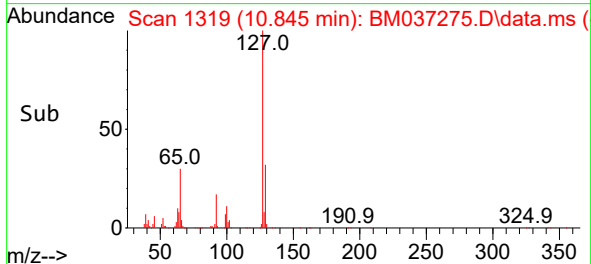
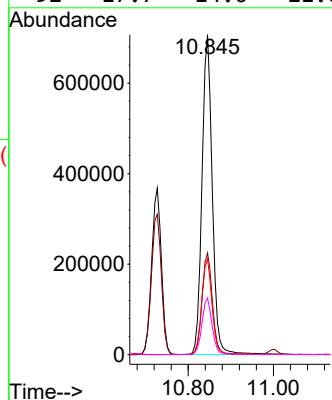
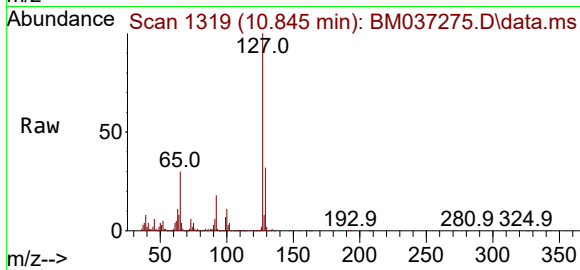




#33
4-Chloroaniline
Concen: 27.082 ng
RT: 10.845 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

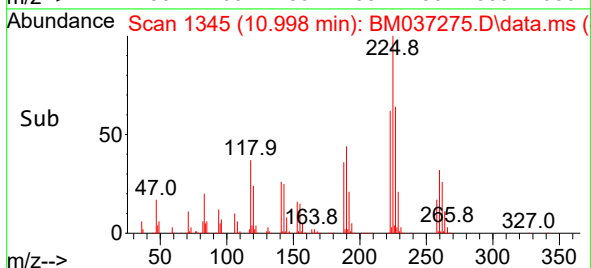
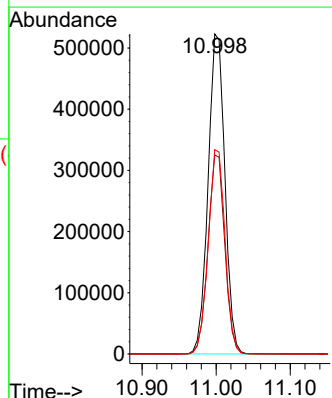
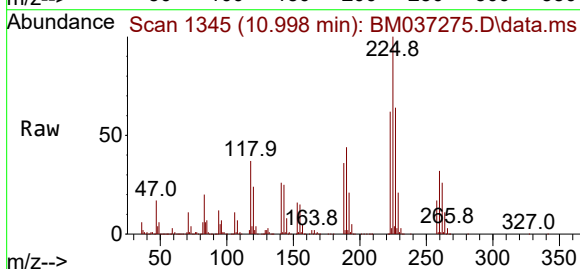
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

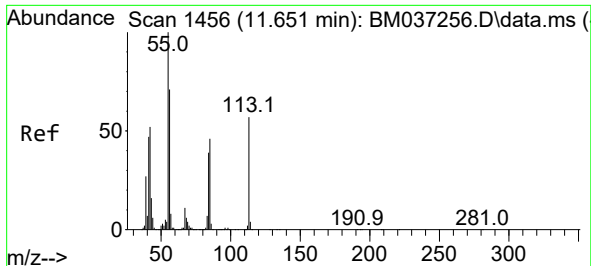
Tgt Ion:127 Resp: 1184878
Ion Ratio Lower Upper
127 100
129 31.8 25.5 38.3
65 30.0 24.0 36.0
92 17.7 14.0 21.0



#34
Hexachlorobutadiene
Concen: 43.641 ng
RT: 10.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:225 Resp: 821059
Ion Ratio Lower Upper
225 100
223 62.2 51.9 77.9
227 63.8 52.2 78.4

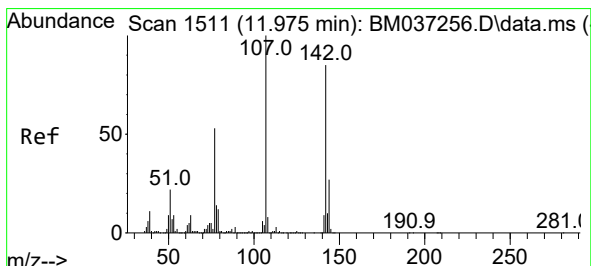
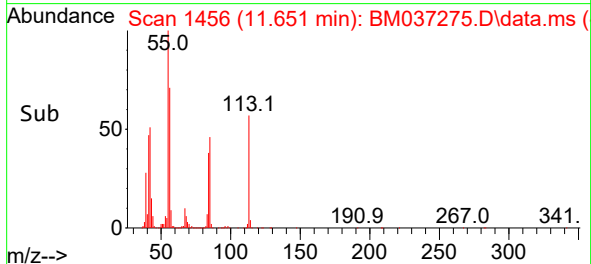
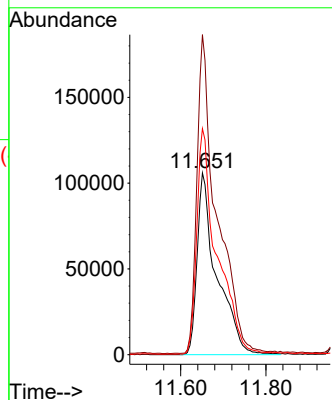
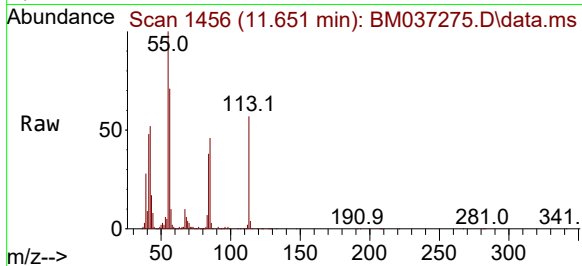




#35
 Caprolactam
 Concen: 37.669 ng
 RT: 11.651 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BM037275.D
 Acq: 29 Oct 2022 17:39

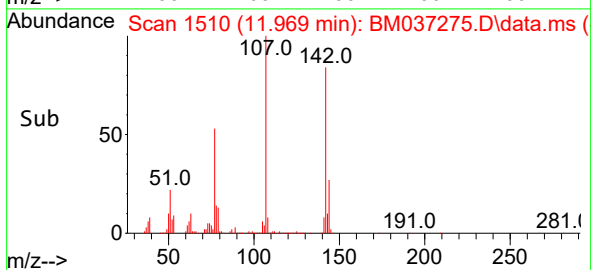
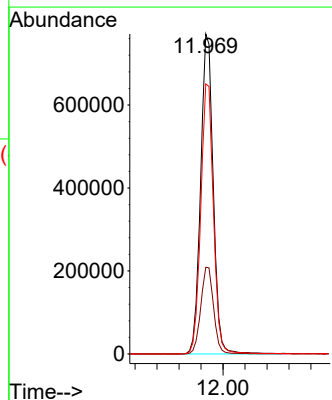
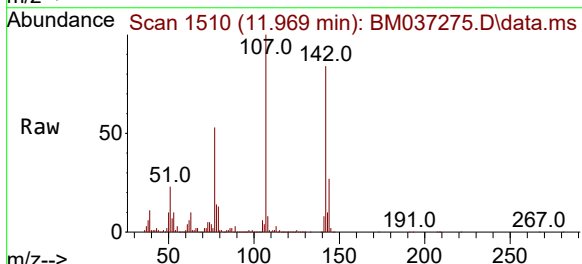
Instrument :
 BNA_M
 ClientSampleId :
 LIDEN-GAS-PIPELINEMS

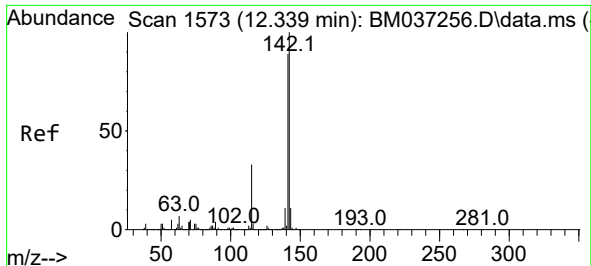
Tgt Ion:113 Resp: 340250
 Ion Ratio Lower Upper
 113 100
 55 176.1 156.9 196.9
 56 124.4 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.217 ng
 RT: 11.969 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: BM037275.D
 Acq: 29 Oct 2022 17:39

Tgt Ion:107 Resp: 1231378
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.8 32.6
 142 84.4 68.1 102.1





#37

2-Methylnaphthalene

Concen: 40.314 ng

RT: 12.333 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

Instrument :

BNA_M

ClientSampleId :

LIDEN-GAS-PIPELINEMS

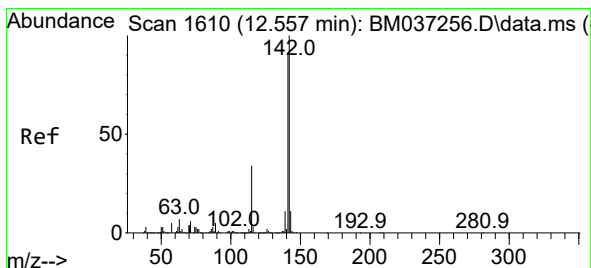
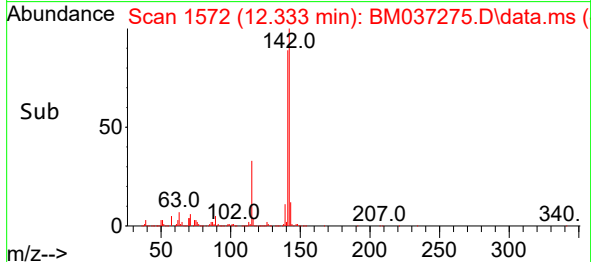
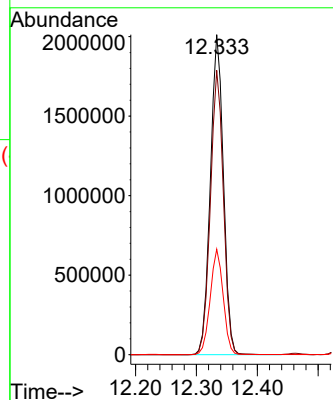
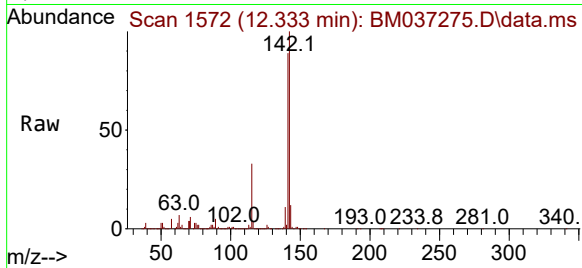
Tgt Ion:142 Resp: 3000118

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9

115 32.9 26.0 39.0



#38

1-Methylnaphthalene

Concen: 38.537 ng

RT: 12.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

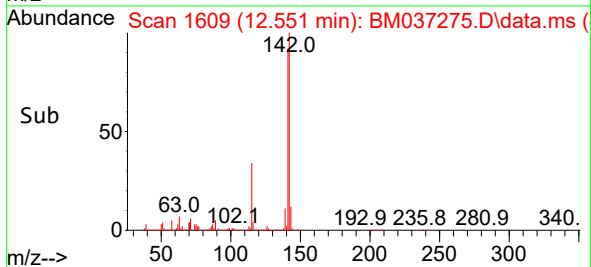
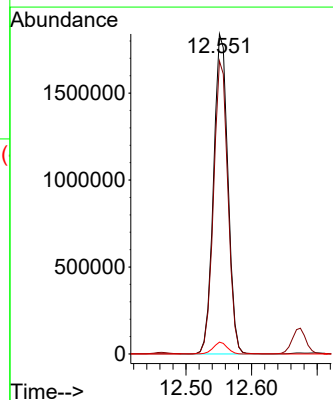
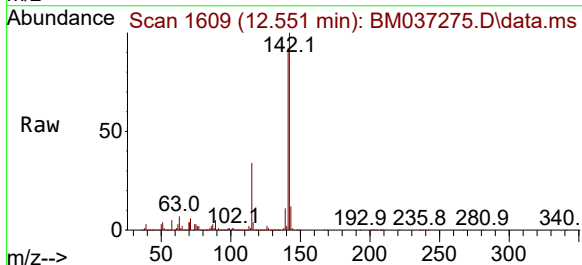
Tgt Ion:142 Resp: 2802236

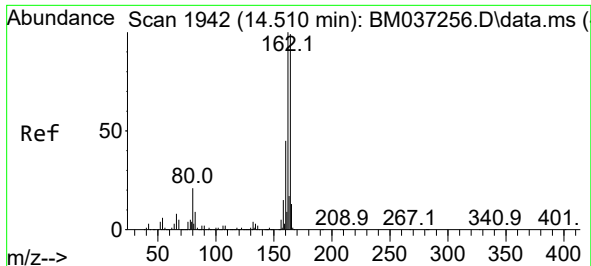
Ion Ratio Lower Upper

142 100

141 91.6 73.0 109.6

116 3.7 2.8 4.2

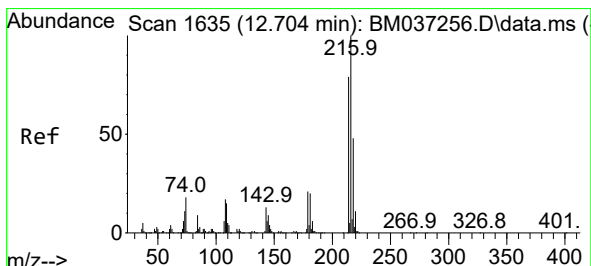
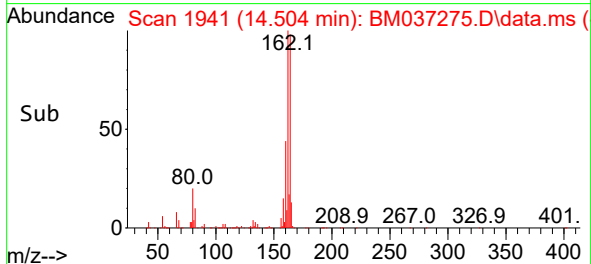
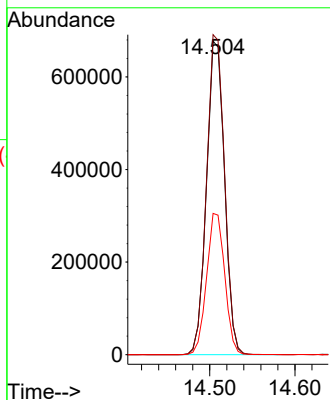
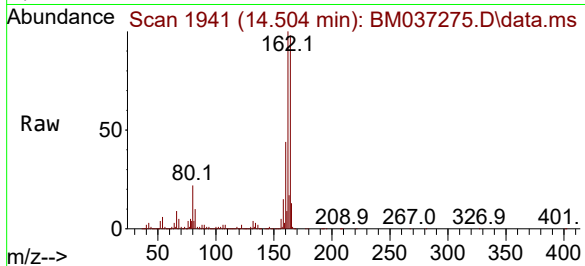




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

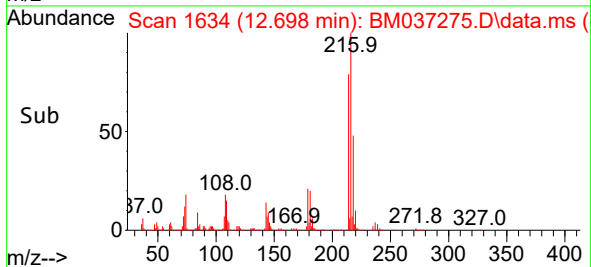
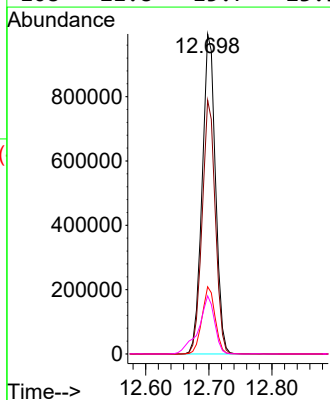
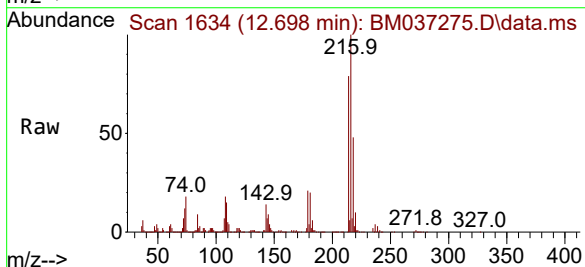
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

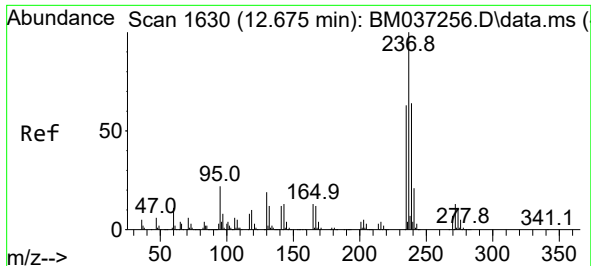
Tgt Ion:164 Resp: 992029
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 45.0 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.810 ng
RT: 12.698 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:216 Resp: 1455867
Ion Ratio Lower Upper
216 100
214 78.6 63.1 94.7
179 20.8 16.8 25.2
108 21.8 15.7 23.5

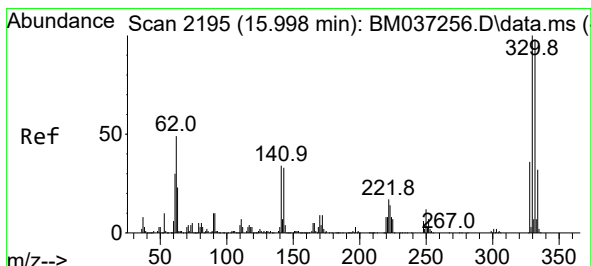
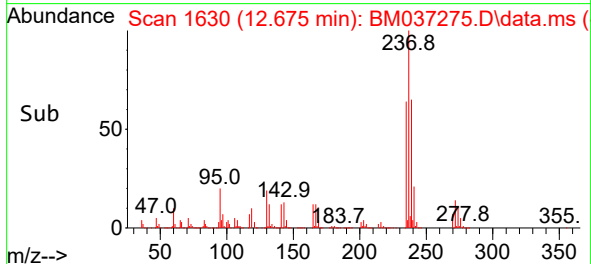
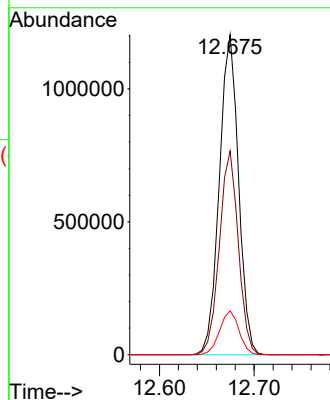
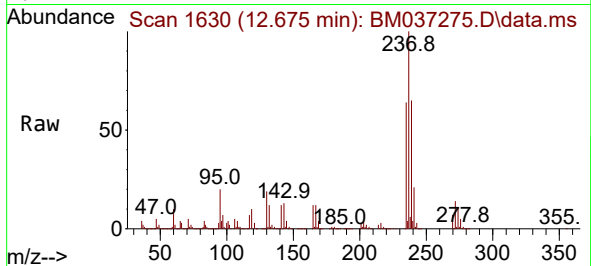




#41
Hexachlorocyclopentadiene
Concen: 119.279 ng
RT: 12.675 min Scan# 1
Delta R.T. -0.001 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

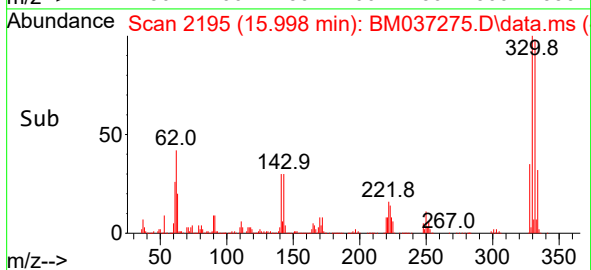
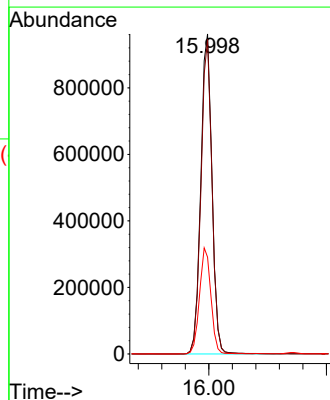
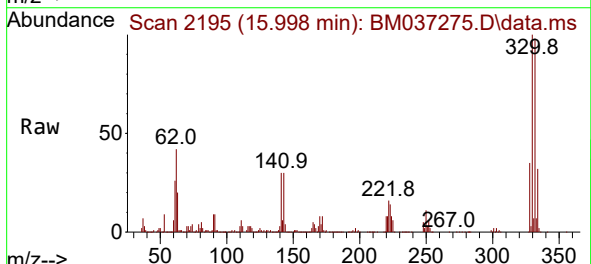
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

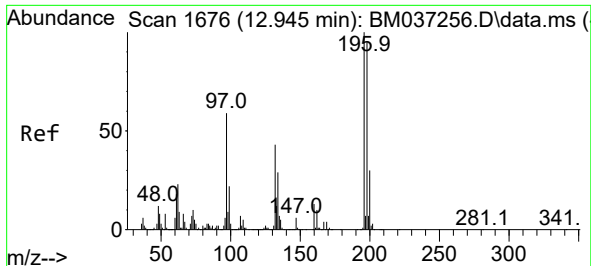
Tgt Ion:237 Resp: 1695100
Ion Ratio Lower Upper
237 100
235 63.6 42.9 82.9
272 13.7 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 108.757 ng
RT: 15.998 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:330 Resp: 1271446
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 33.7 27.5 41.3

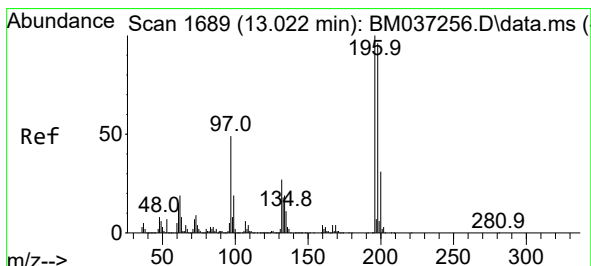
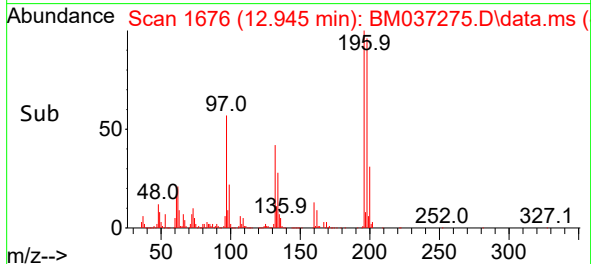
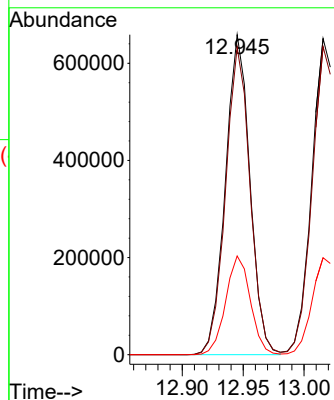
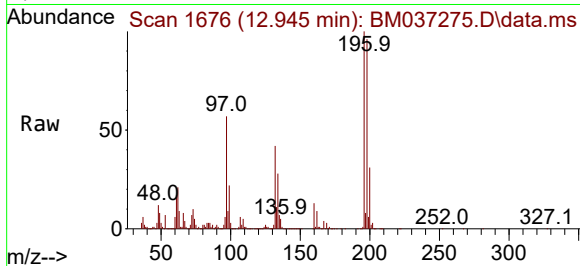




#43
2,4,6-Trichlorophenol
Concen: 44.996 ng
RT: 12.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

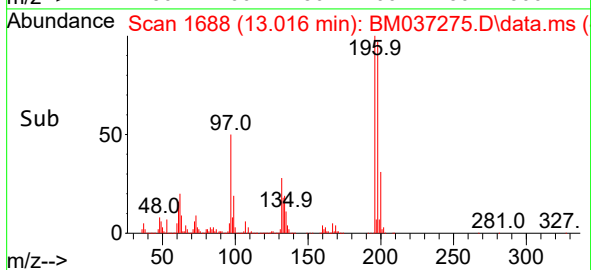
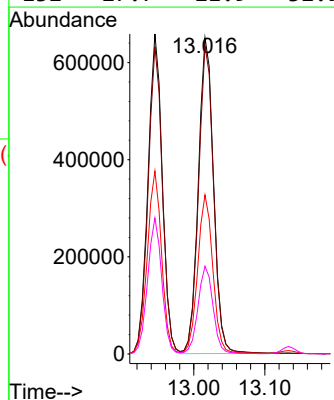
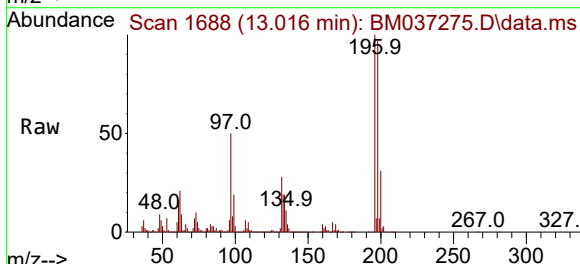
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

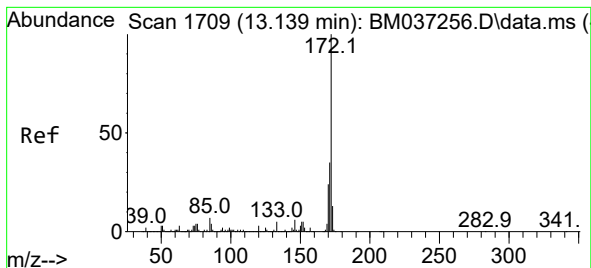
Tgt Ion:196 Resp: 923907
Ion Ratio Lower Upper
196 100
198 96.0 76.1 114.1
200 30.8 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 42.999 ng
RT: 13.016 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:196 Resp: 973949
Ion Ratio Lower Upper
196 100
198 97.4 77.0 115.6
97 50.3 39.4 59.2
132 27.7 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 63.352 ng

RT: 13.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

Instrument :

BNA_M

ClientSampleId :

LIDEN-GAS-PIPELINEMS

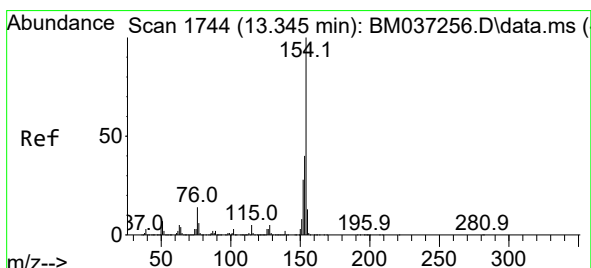
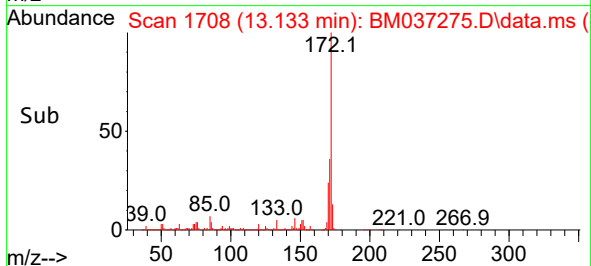
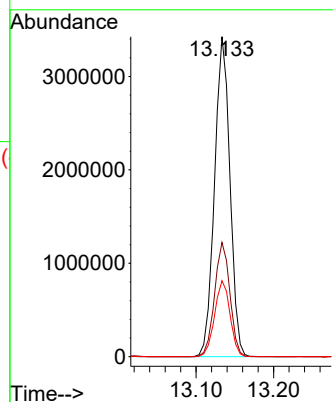
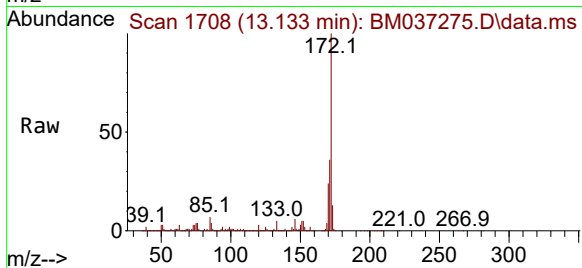
Tgt Ion:172 Resp: 4729992

Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.090 ng

RT: 13.345 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

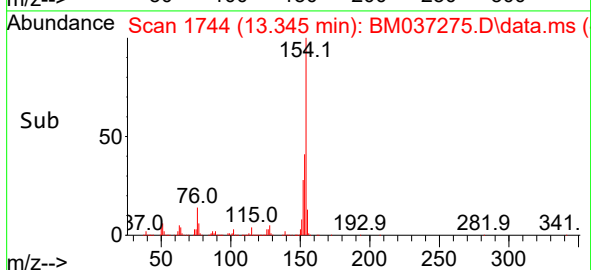
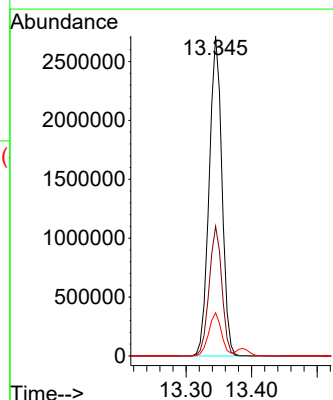
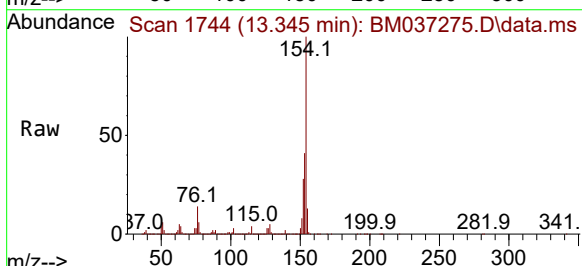
Tgt Ion:154 Resp: 3689727

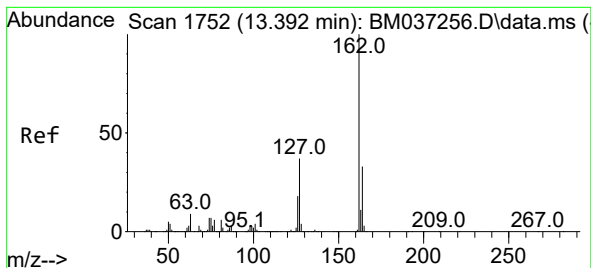
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 13.5 0.0 33.7





#47

2-Chloronaphthalene

Concen: 44.518 ng

RT: 13.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

Instrument :

BNA_M

ClientSampleId :

LIDEN-GAS-PIPELINEMS

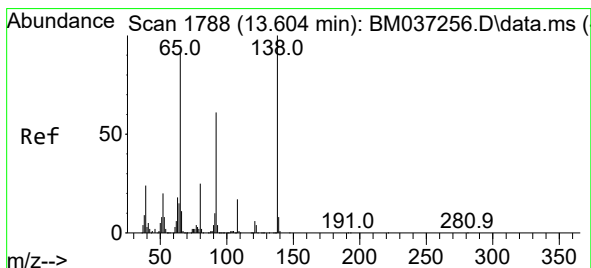
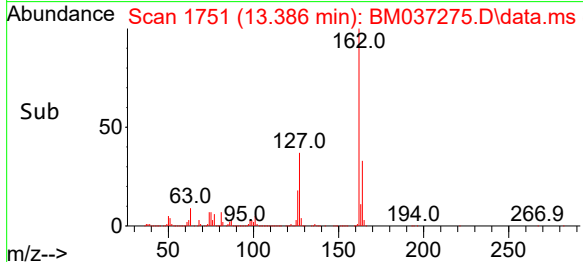
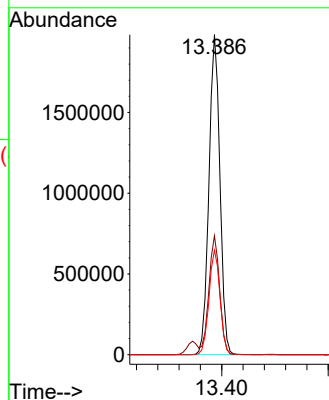
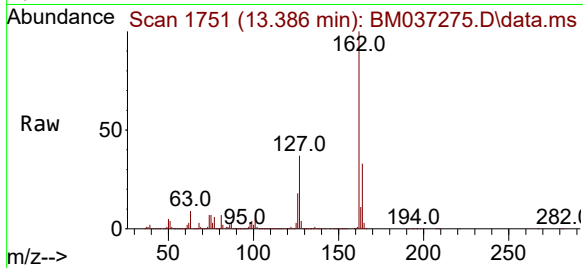
Tgt Ion:162 Resp: 2836083

Ion Ratio Lower Upper

162 100

127 37.2 29.5 44.3

164 32.7 26.3 39.5



#48

2-Nitroaniline

Concen: 41.896 ng

RT: 13.598 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

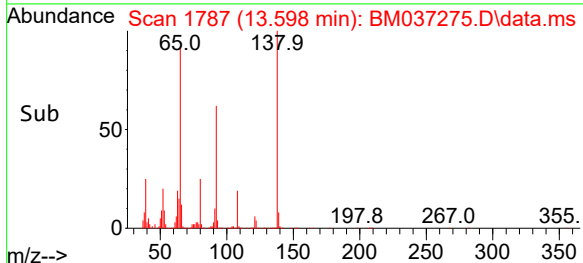
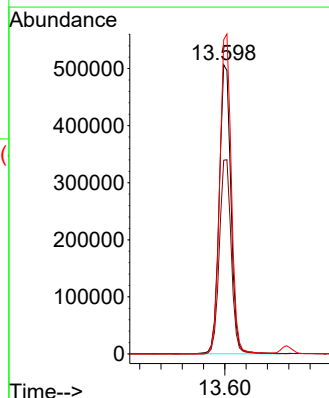
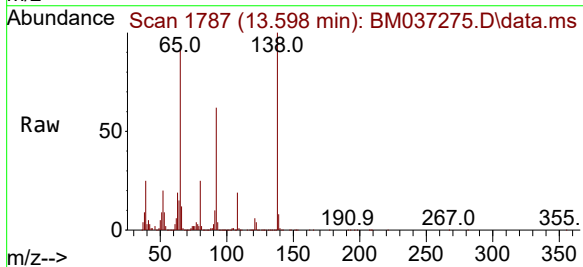
Tgt Ion: 65 Resp: 771304

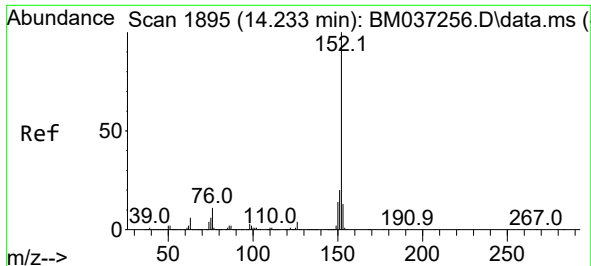
Ion Ratio Lower Upper

65 100

92 67.1 53.7 80.5

138 108.7 87.4 131.2

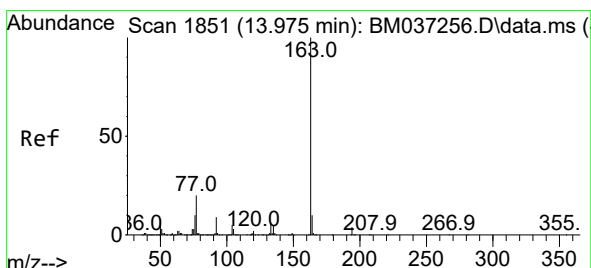
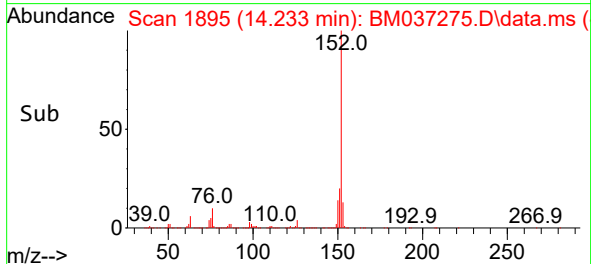
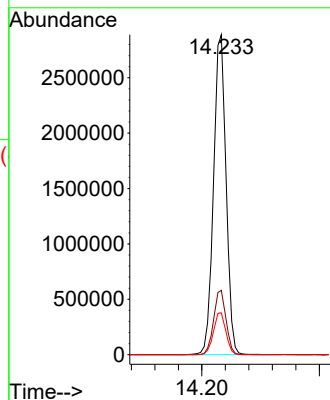
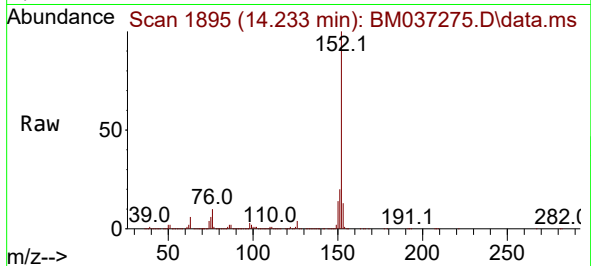




#49
Acenaphthylene
Concen: 43.144 ng
RT: 14.233 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

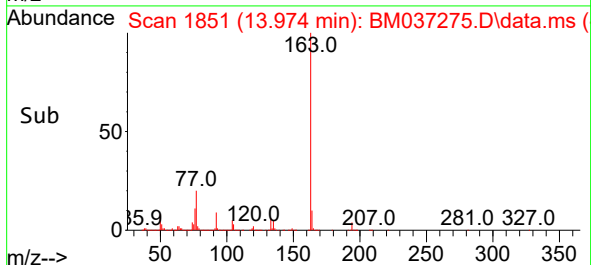
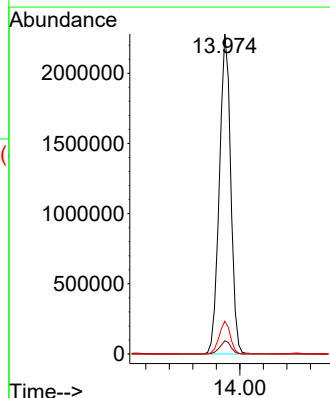
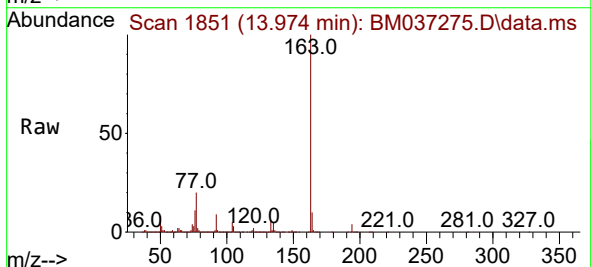
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

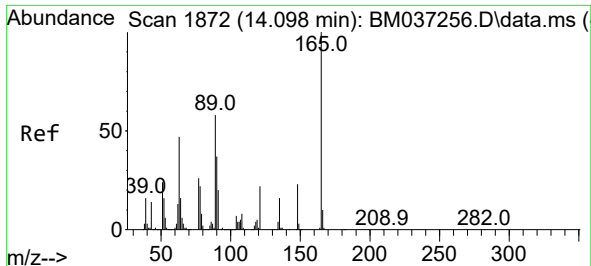
Tgt Ion:152 Resp: 4266703
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 40.362 ng
RT: 13.974 min Scan# 1851
Delta R.T. -0.001 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:163 Resp: 3058354
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.2 8.2 12.2

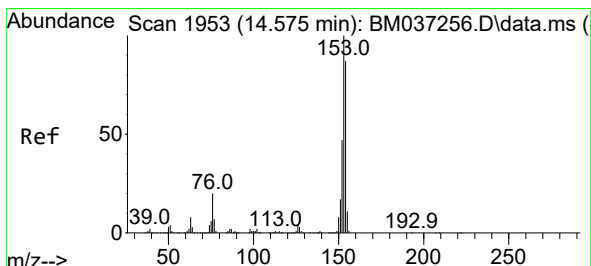
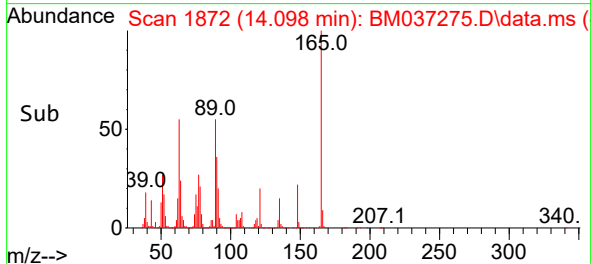
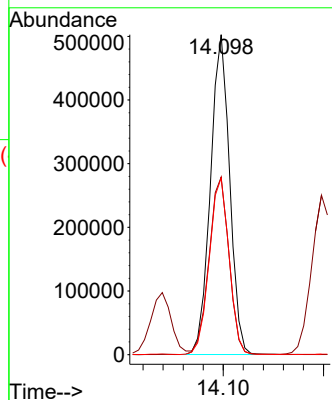
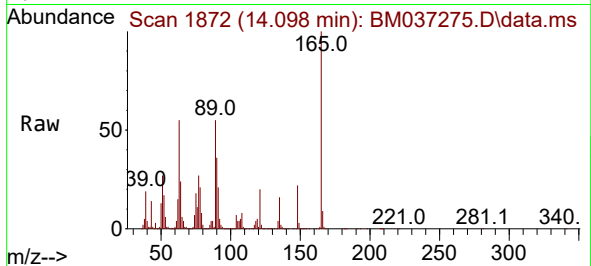




#51
2,6-Dinitrotoluene
Concen: 41.668 ng
RT: 14.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

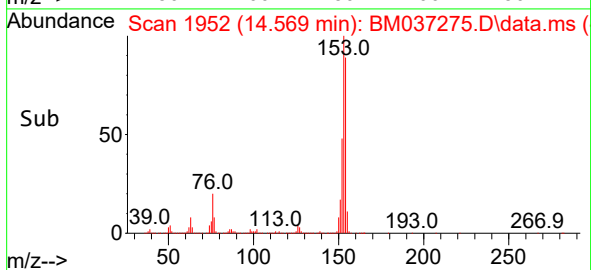
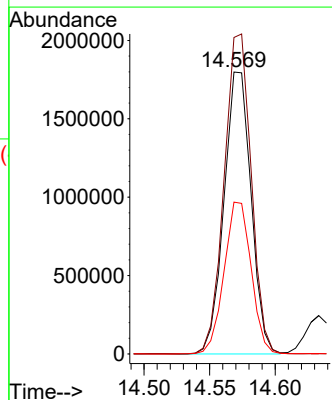
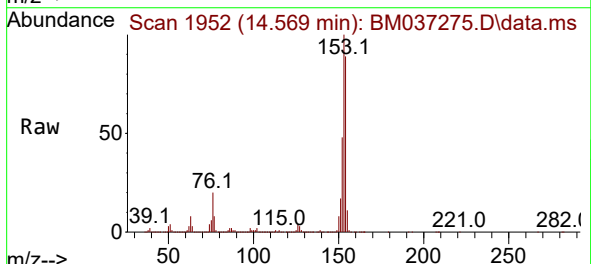
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

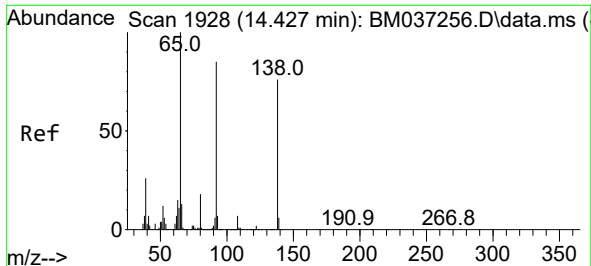
Tgt Ion:165 Resp: 668619
Ion Ratio Lower Upper
165 100
63 55.5 46.2 69.2
89 55.2 46.6 69.8



#52
Acenaphthene
Concen: 42.216 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:154 Resp: 2581009
Ion Ratio Lower Upper
154 100
153 112.3 91.5 137.3
152 53.9 43.0 64.6

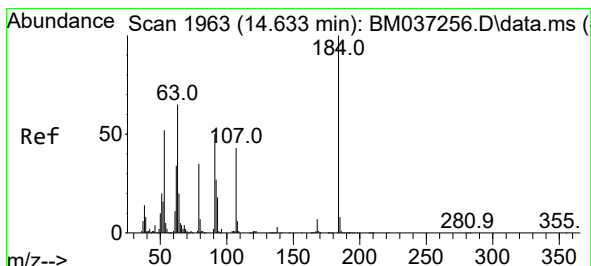
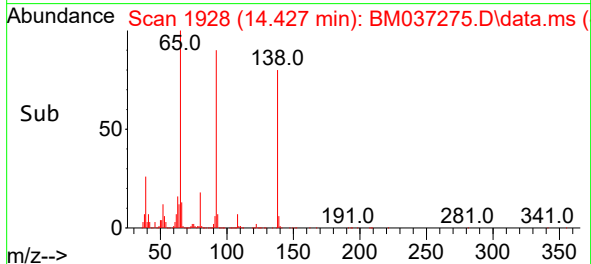
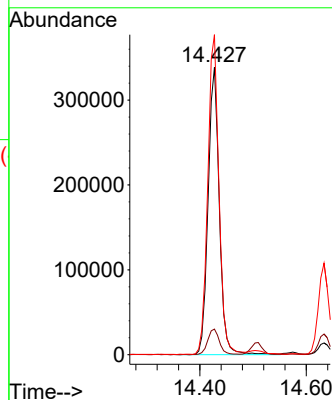
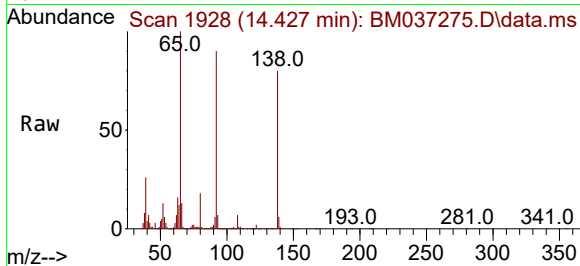




#53
3-Nitroaniline
Concen: 27.672 ng
RT: 14.427 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

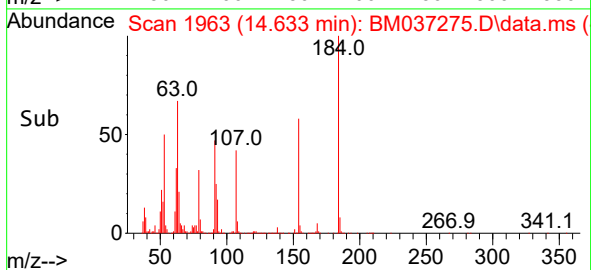
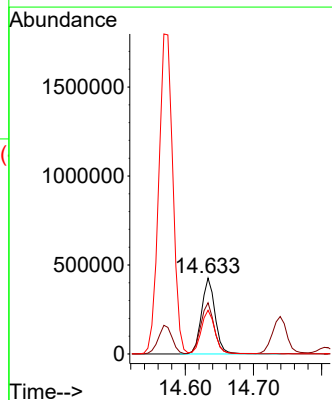
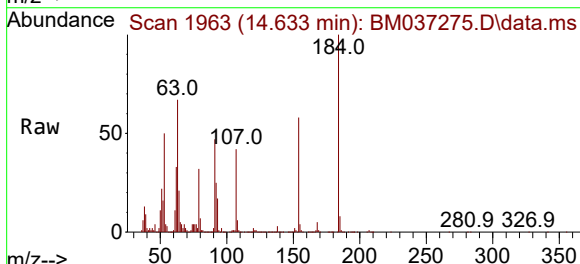
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

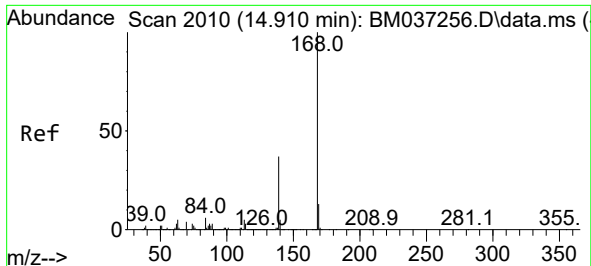
Tgt Ion:138 Resp: 496065
Ion Ratio Lower Upper
138 100
108 8.9 7.3 10.9
92 111.3 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 57.778 ng
RT: 14.633 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:184 Resp: 589889
Ion Ratio Lower Upper
184 100
63 67.4 57.7 86.5
154 57.5 48.3 72.5

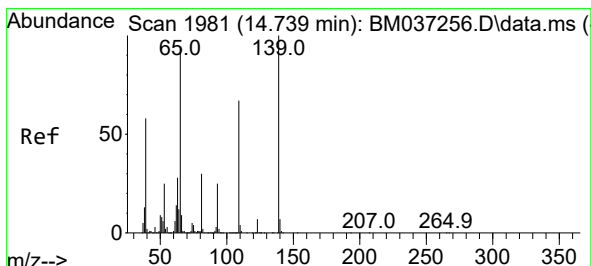
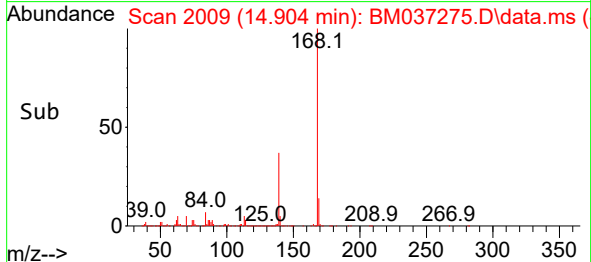
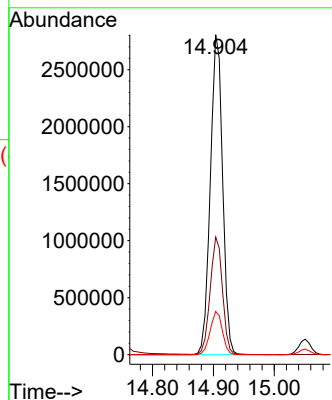
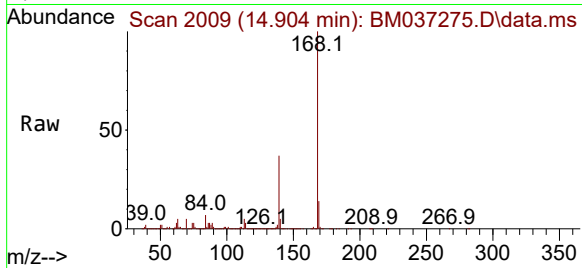




#55
Dibenzenofuran
Concen: 41.661 ng
RT: 14.904 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

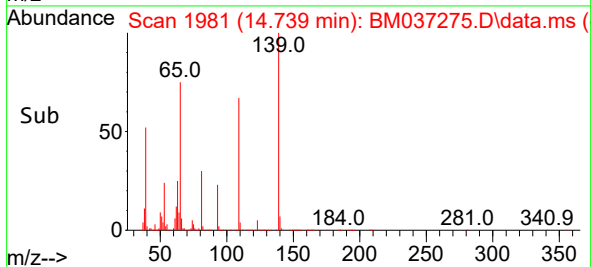
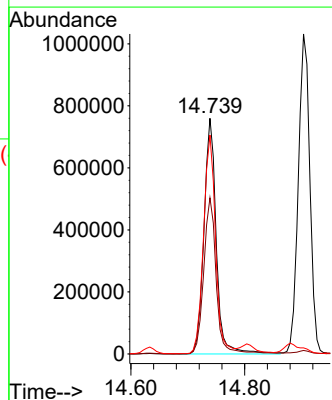
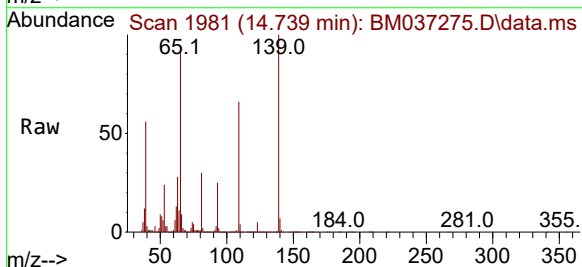
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

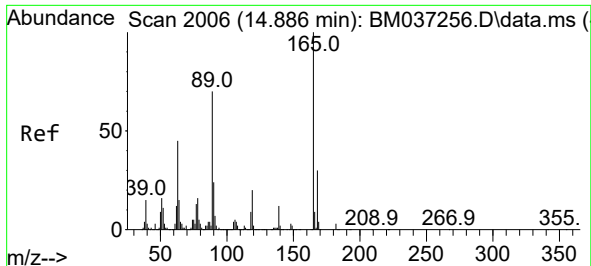
Tgt Ion:168 Resp: 3923155
Ion Ratio Lower Upper
168 100
139 36.8 29.3 43.9
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 79.671 ng
RT: 14.739 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:139 Resp: 1139382
Ion Ratio Lower Upper
139 100
109 66.3 47.4 87.4
65 92.9 73.8 113.8





#57

2,4-Dinitrotoluene

Concen: 41.011 ng

RT: 14.880 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

Instrument :

BNA_M

ClientSampleId :

LIDEN-GAS-PIPELINEMS

Tgt Ion:165 Resp: 865933

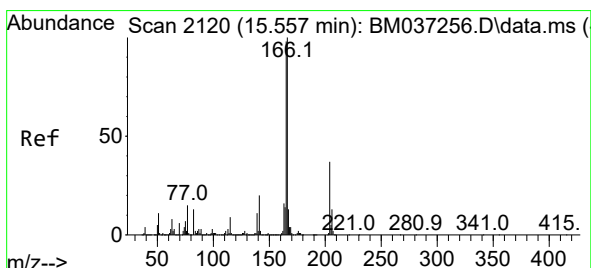
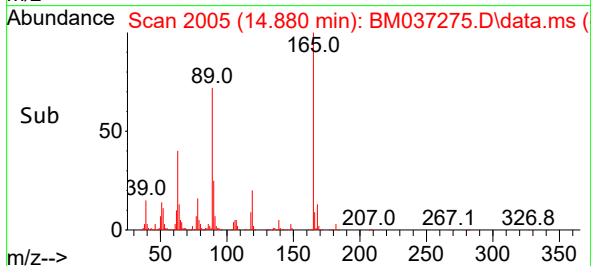
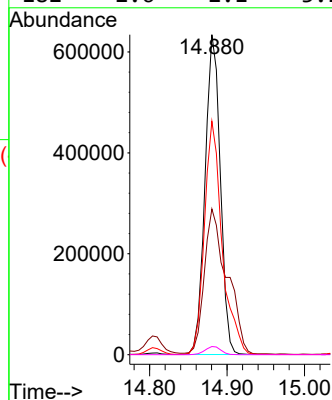
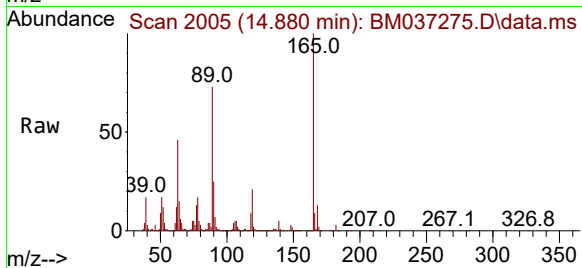
Ion Ratio Lower Upper

165 100

63 45.6 36.3 54.5

89 73.0 56.3 84.5

182 2.6 2.1 3.1



#58

Fluorene

Concen: 41.106 ng

RT: 15.551 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

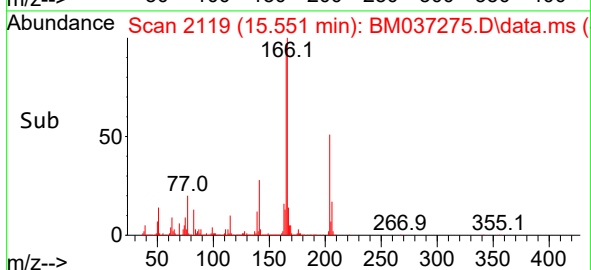
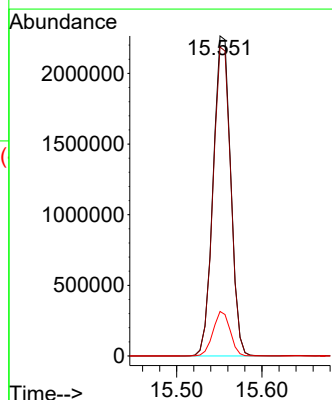
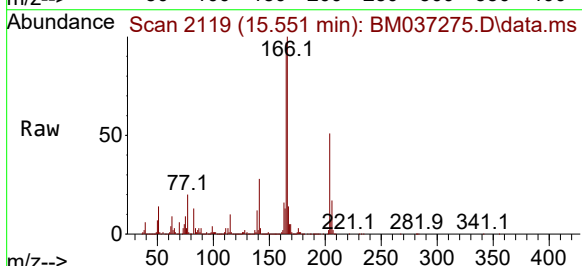
Tgt Ion:166 Resp: 3231036

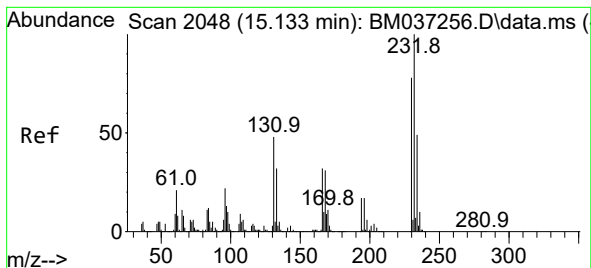
Ion Ratio Lower Upper

166 100

165 96.5 78.2 117.4

167 13.9 10.6 15.8

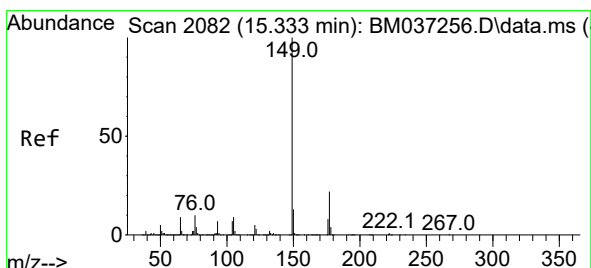
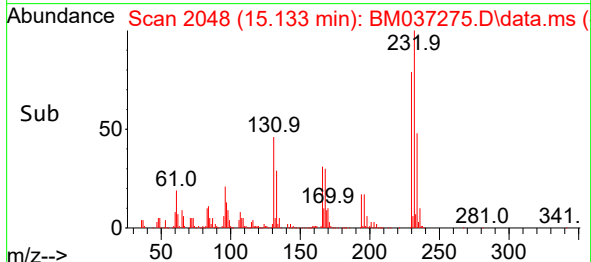
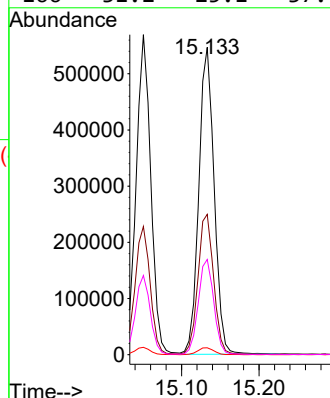
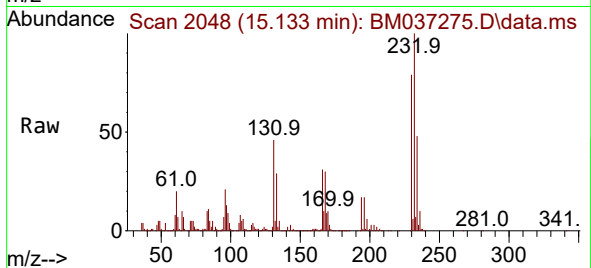




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.614 ng
RT: 15.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

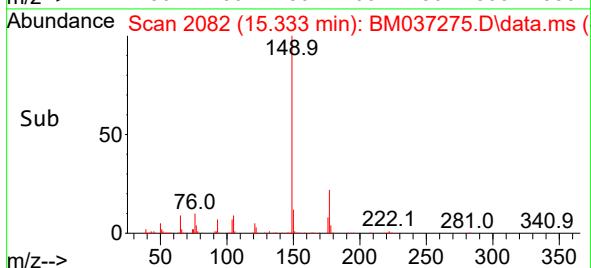
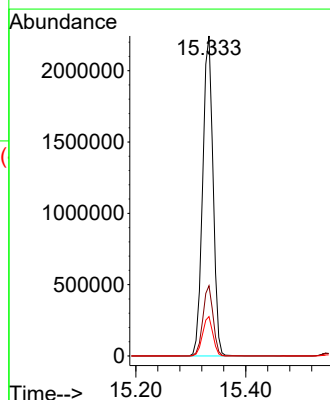
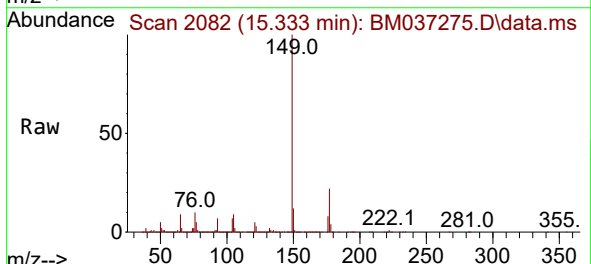
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

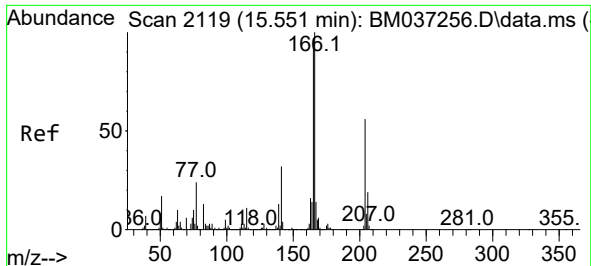
Tgt Ion:232 Resp: 752075
Ion Ratio Lower Upper
232 100
131 46.7 37.8 56.8
130 2.4 1.9 2.9
166 31.2 25.1 37.7



#60
Diethylphthalate
Concen: 39.929 ng
RT: 15.333 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:149 Resp: 2940601
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.0
150 12.3 10.0 15.0

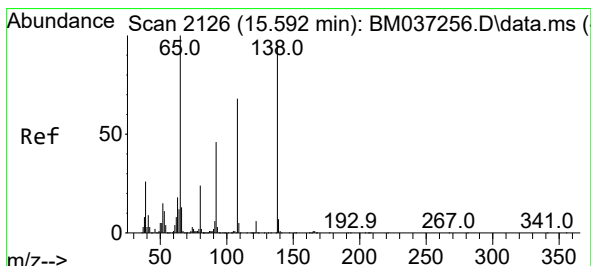
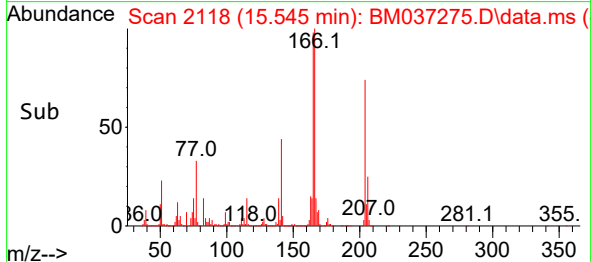
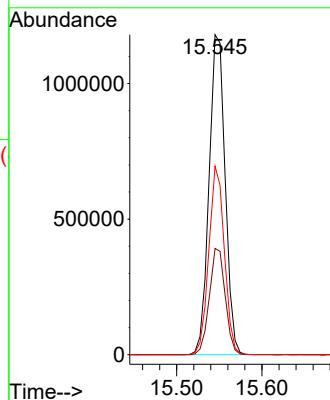
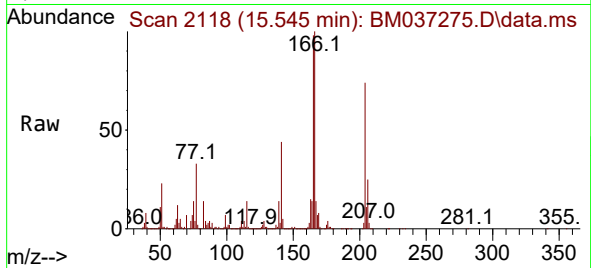




#61
4-Chlorophenyl-phenylether
Concen: 42.551 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

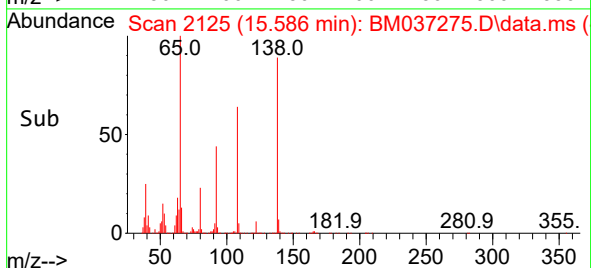
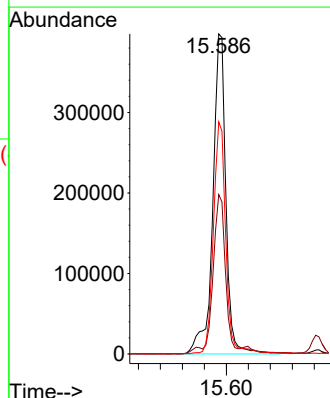
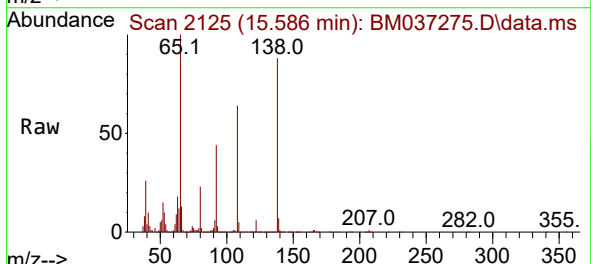
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

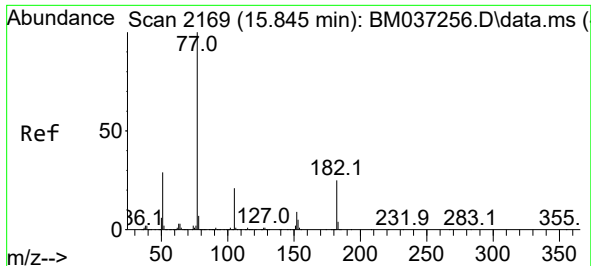
Tgt Ion:204 Resp: 1547336
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 58.9 45.2 67.8



#62
4-Nitroaniline
Concen: 36.635 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:138 Resp: 658654
Ion Ratio Lower Upper
138 100
92 49.8 28.1 68.1
108 72.5 51.3 91.3

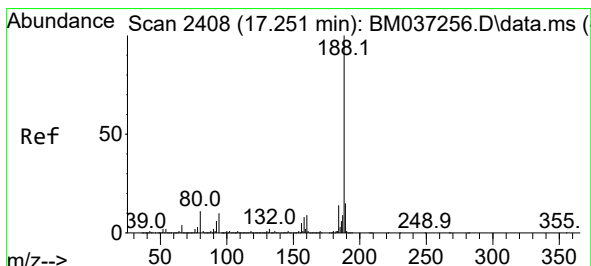
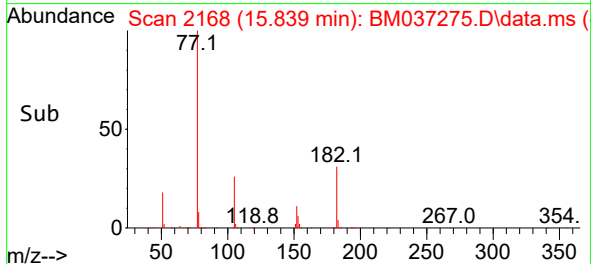
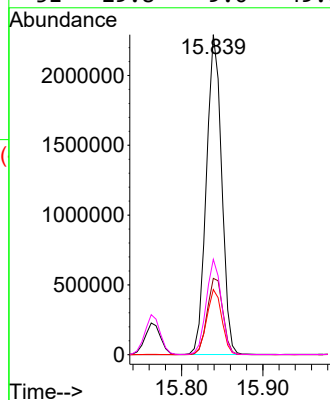
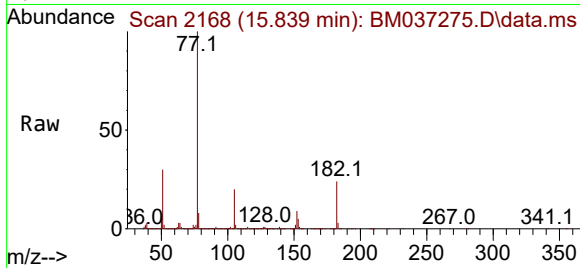




#63
Azobenzene
Concen: 41.086 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

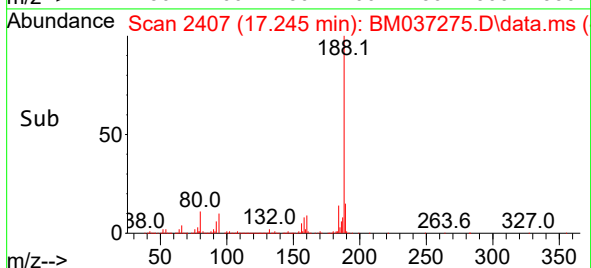
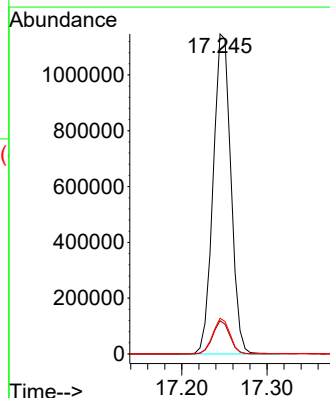
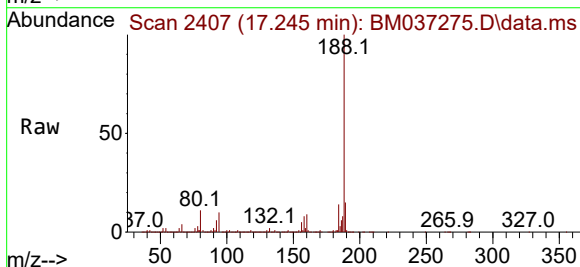
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

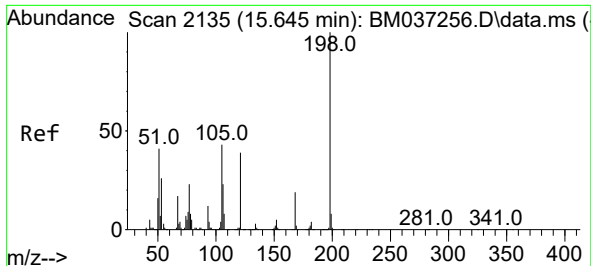
Tgt Ion: 77 Resp: 2980831
Ion Ratio Lower Upper
77 100
182 23.9 5.1 45.1
105 20.4 0.5 40.5
51 29.8 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:188 Resp: 1655430
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.1 8.5 12.7

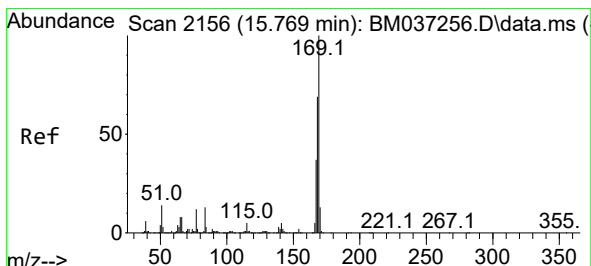
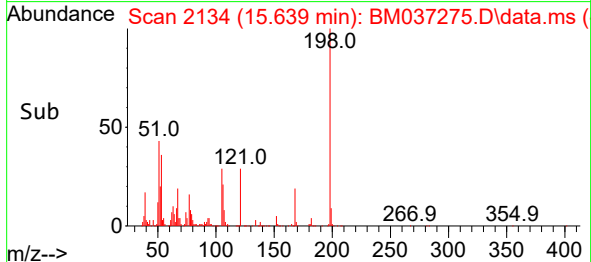
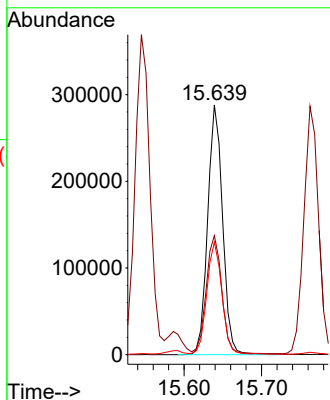
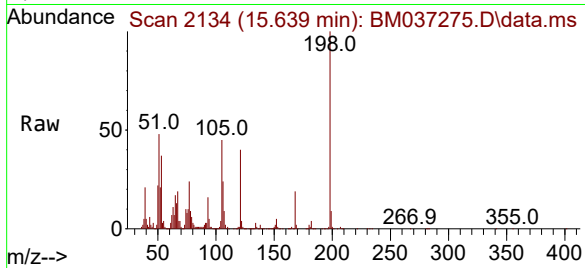




#65
4,6-Dinitro-2-methylphenol
Concen: 34.925 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

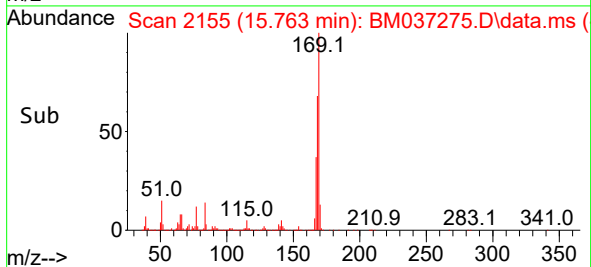
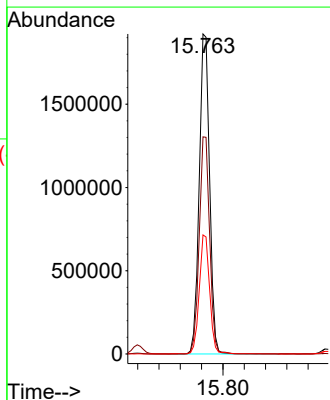
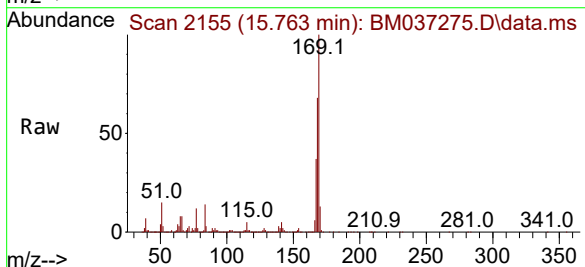
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

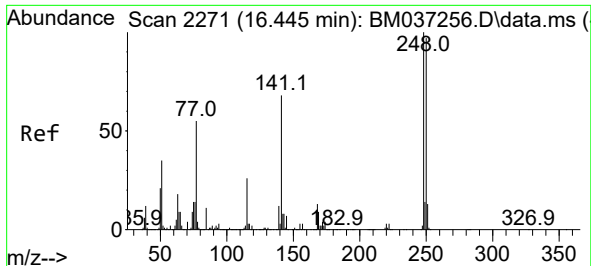
Tgt Ion:198 Resp: 385727
Ion Ratio Lower Upper
198 100
51 47.7 26.8 66.8
105 45.1 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 46.272 ng
RT: 15.763 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:169 Resp: 2589150
Ion Ratio Lower Upper
169 100
168 67.9 54.8 82.2
167 37.2 29.5 44.3

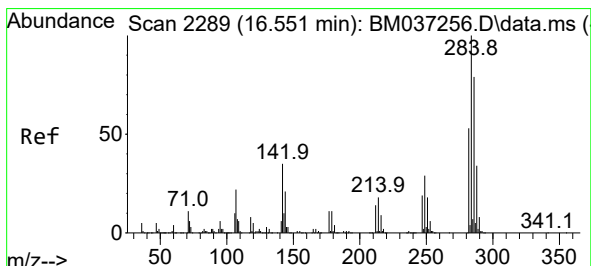
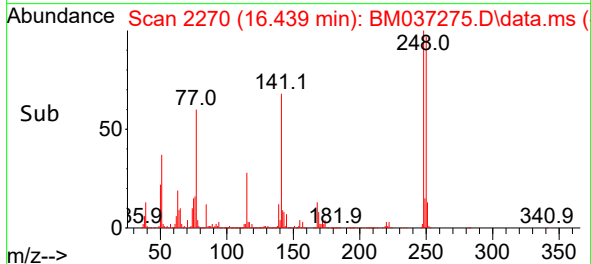
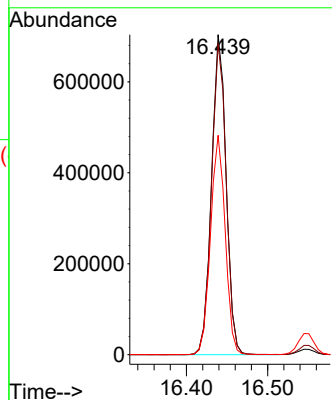
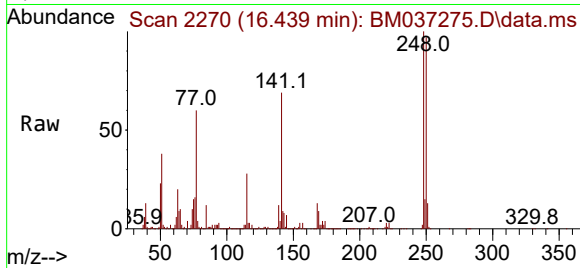




#67
4-Bromophenyl-phenylether
Concen: 47.293 ng
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

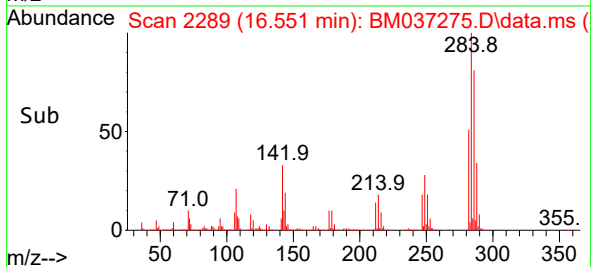
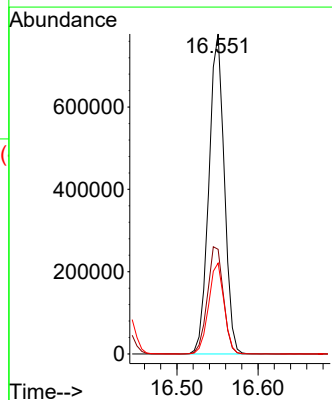
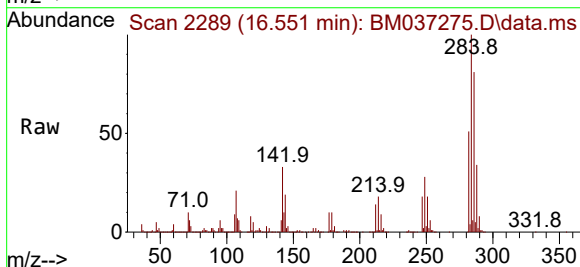
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

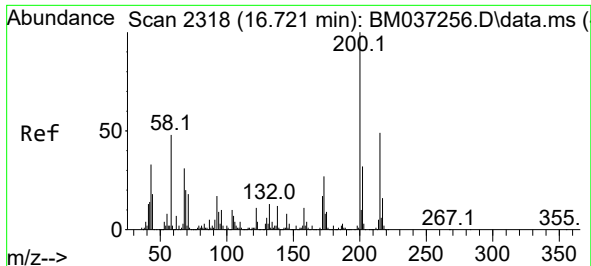
Tgt Ion:248 Resp: 878562
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 68.6 54.2 81.2



#68
Hexachlorobenzene
Concen: 45.597 ng
RT: 16.551 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:284 Resp: 1025110
Ion Ratio Lower Upper
284 100
142 32.7 28.2 42.4
249 28.4 23.1 34.7

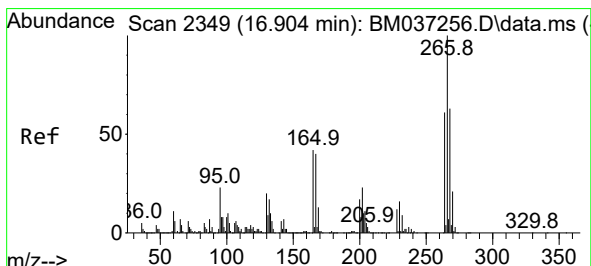
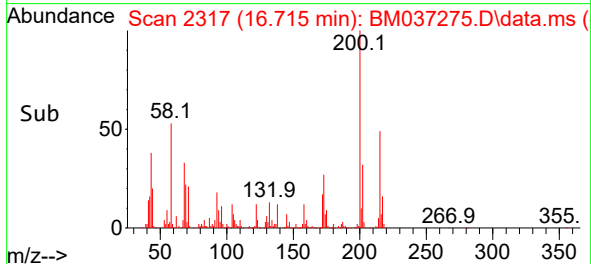
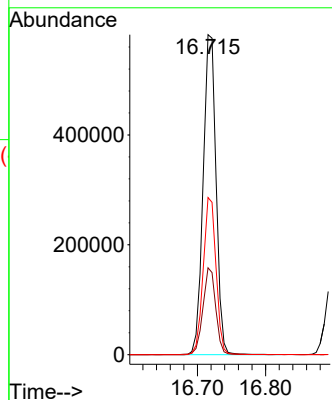
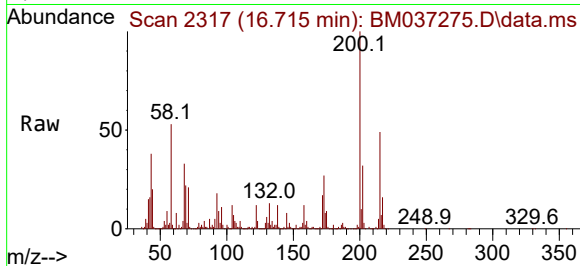




#69
 Atrazine
 Concen: 54.665 ng
 RT: 16.715 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM037275.D
 Acq: 29 Oct 2022 17:39

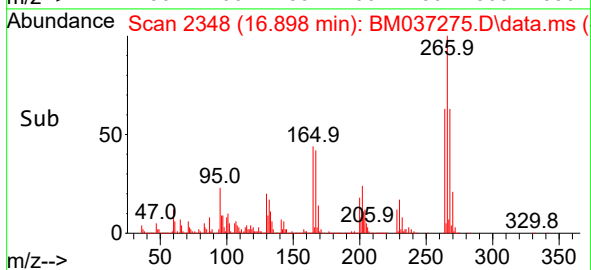
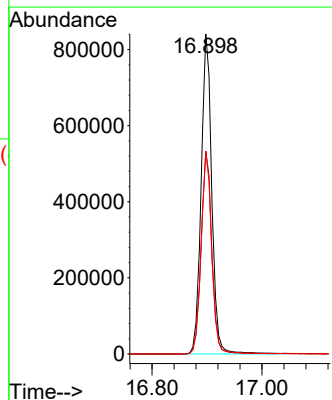
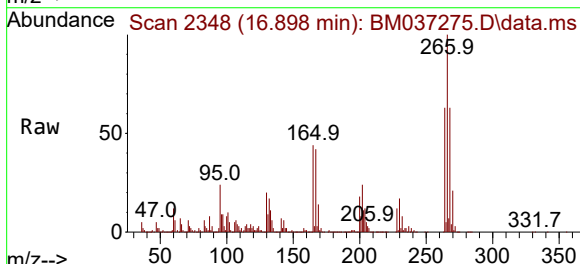
Instrument :
 BNA_M
 ClientSampleId :
 LIDEN-GAS-PIPELINEMS

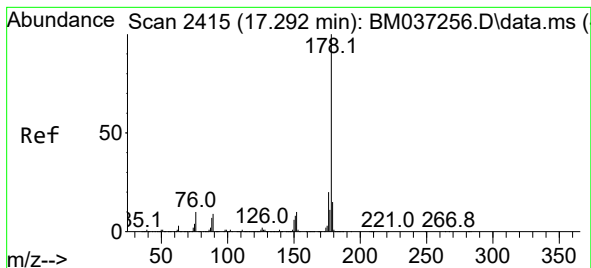
Tgt Ion:200 Resp: 769625
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.8 46.8
 215 49.1 28.5 68.5



#70
 Pentachlorophenol
 Concen: 86.419 ng
 RT: 16.898 min Scan# 2348
 Delta R.T. -0.006 min
 Lab File: BM037275.D
 Acq: 29 Oct 2022 17:39

Tgt Ion:266 Resp: 1130527
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.7 76.1
 264 63.3 49.1 73.7





#71

Phenanthrene

Concen: 42.763 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

Instrument :

BNA_M

ClientSampleId :

LIDEN-GAS-PIPELINEMS

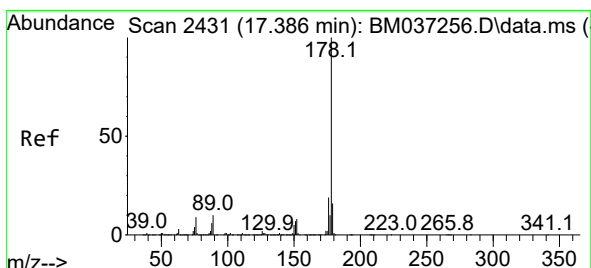
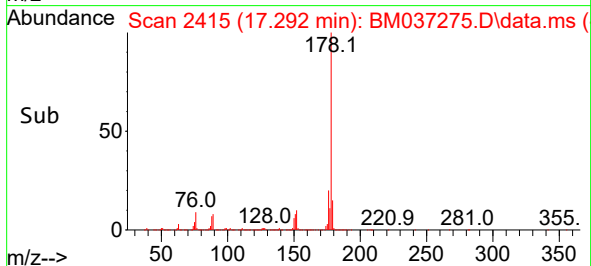
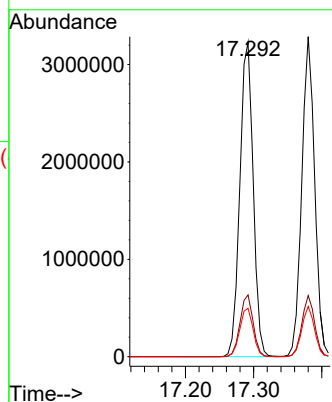
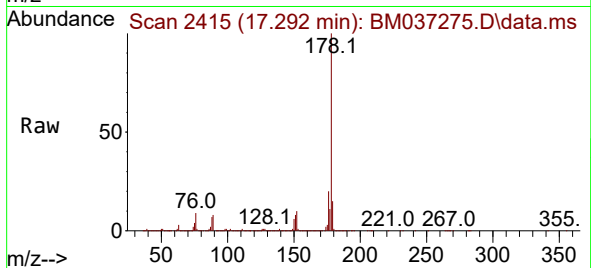
Tgt Ion:178 Resp: 4391961

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.4 12.4 18.6



#72

Anthracene

Concen: 44.618 ng

RT: 17.380 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

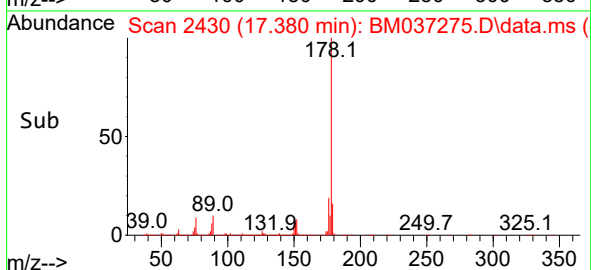
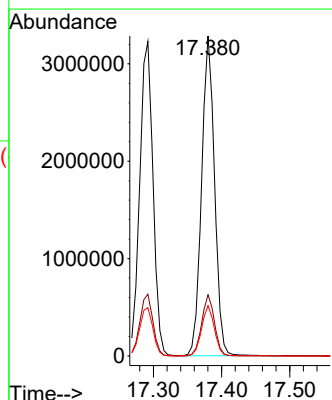
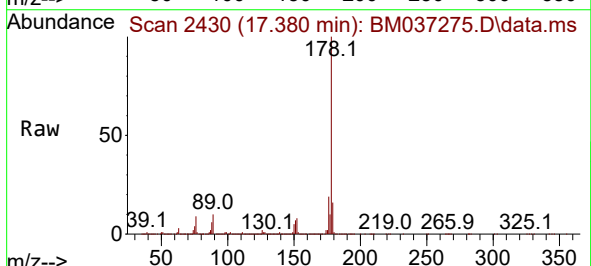
Tgt Ion:178 Resp: 4338269

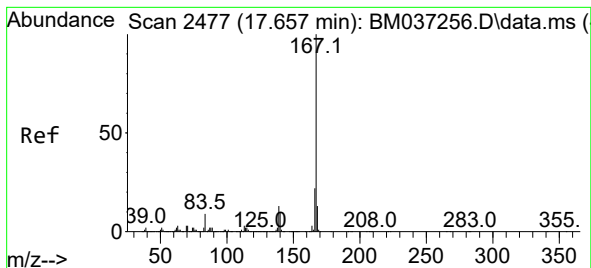
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.7 12.6 19.0





#73

Carbazole

Concen: 42.622 ng

RT: 17.657 min Scan# 2477

Delta R.T. -0.000 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

Instrument :

BNA_M

ClientSampleId :

LIDEN-GAS-PIPELINEMS

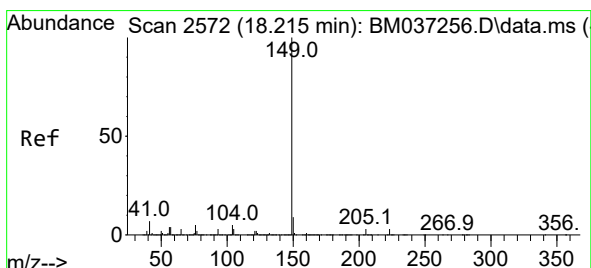
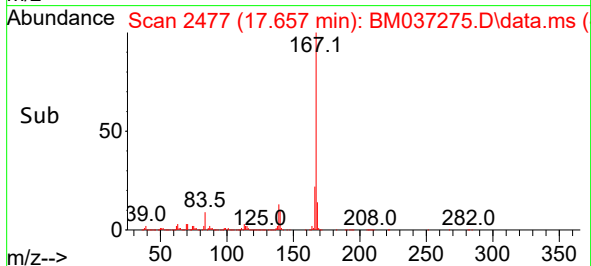
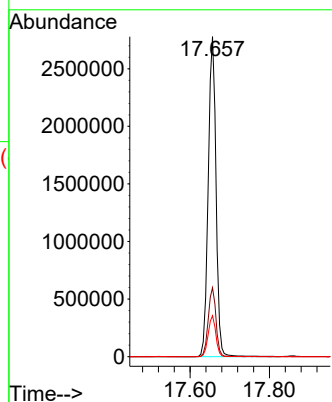
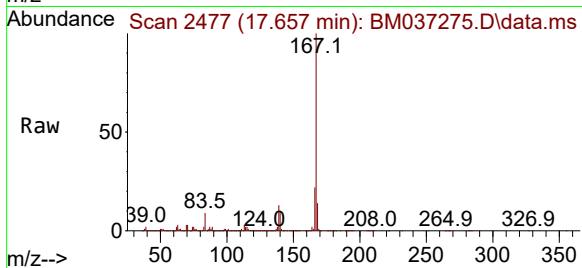
Tgt Ion:167 Resp: 3801398

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 12.8 10.4 15.6



#74

Di-n-butylphthalate

Concen: 45.262 ng

RT: 18.215 min Scan# 2572

Delta R.T. -0.000 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

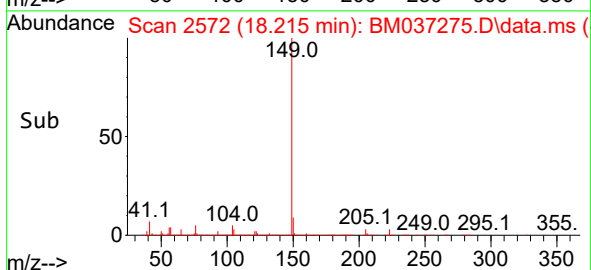
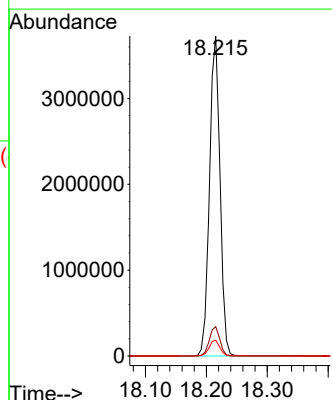
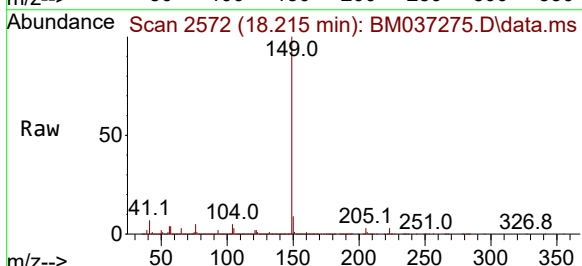
Tgt Ion:149 Resp: 4457487

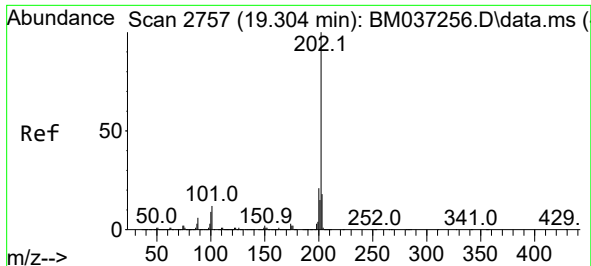
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.9 4.0 6.0

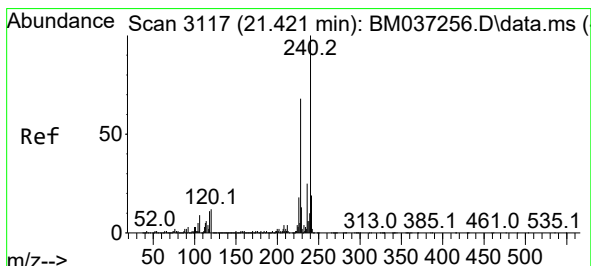
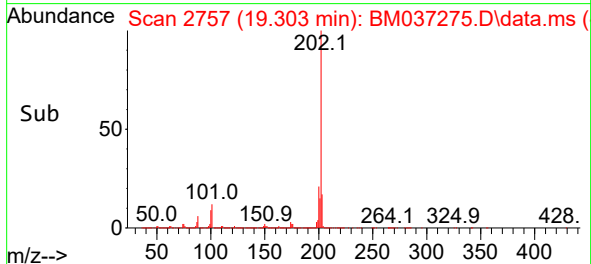
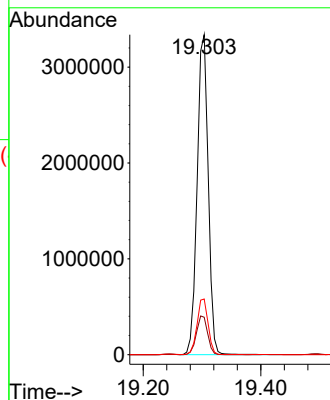
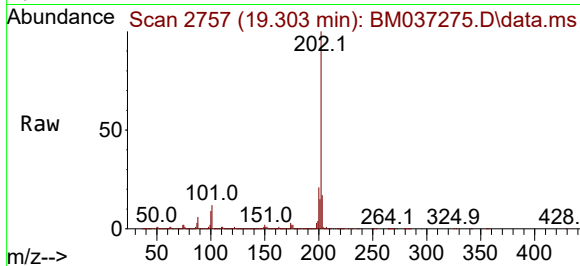




#75
Fluoranthene
Concen: 40.060 ng
RT: 19.303 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

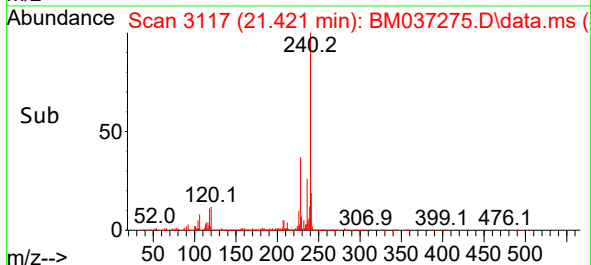
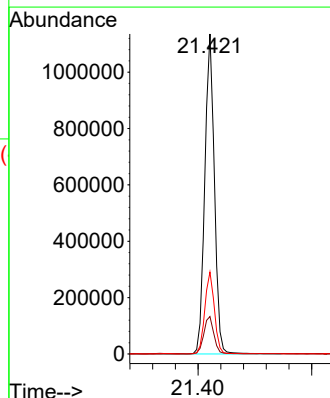
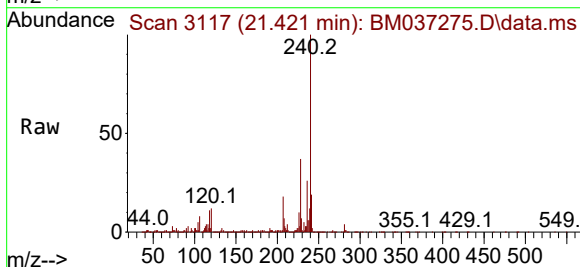
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

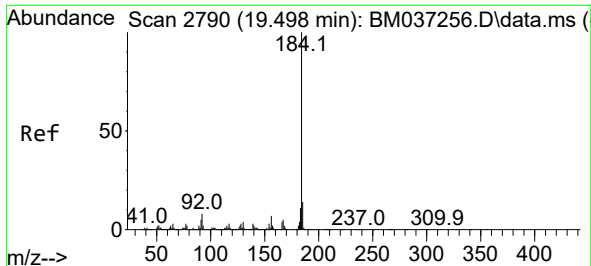
Tgt Ion:202 Resp: 4349118
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.4
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:240 Resp: 1330783
Ion Ratio Lower Upper
240 100
120 11.7 9.9 14.9
236 25.6 20.3 30.5

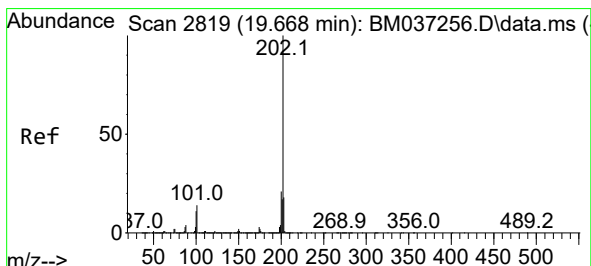
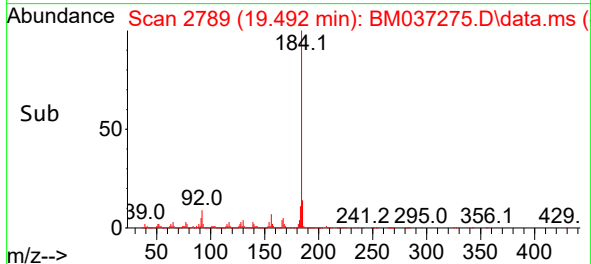
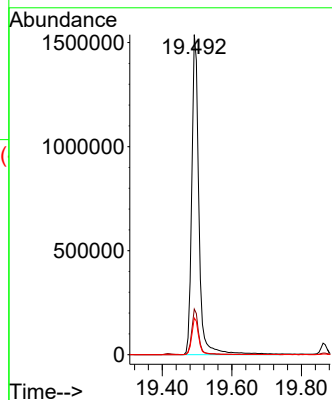
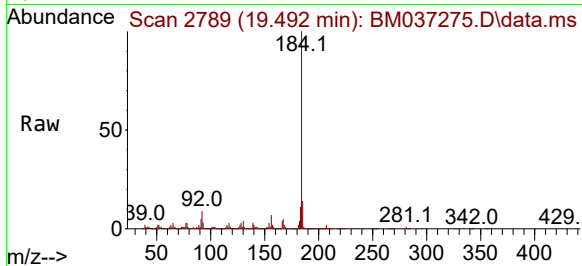




#77
Benzidine
Concen: 111.020 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

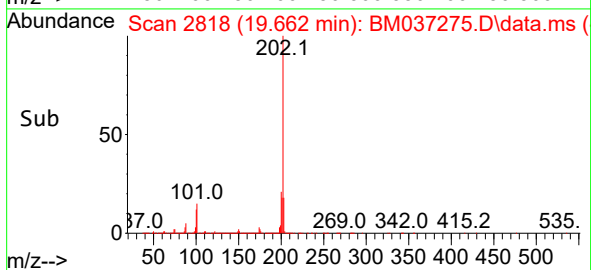
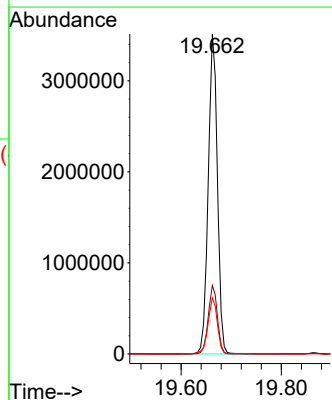
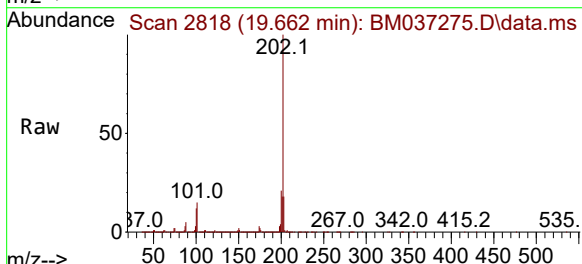
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

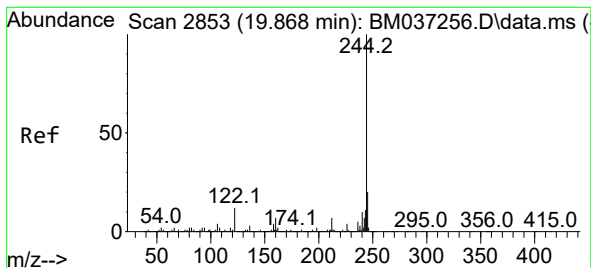
Tgt Ion:184 Resp: 2203056
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.5 9.0 13.4



#78
Pyrene
Concen: 43.648 ng
RT: 19.662 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:202 Resp: 4466621
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 61.781 ng

RT: 19.862 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BM037275.D

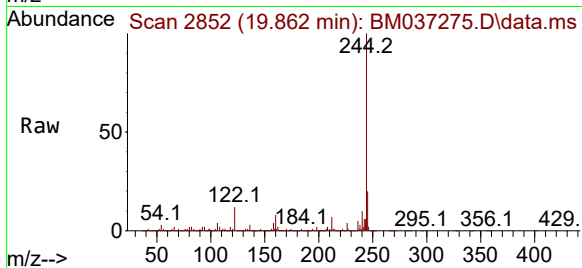
Acq: 29 Oct 2022 17:39

Instrument :

BNA_M

ClientSampleId :

LIDEN-GAS-PIPELINEMS



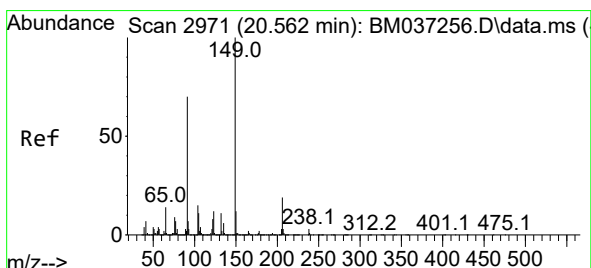
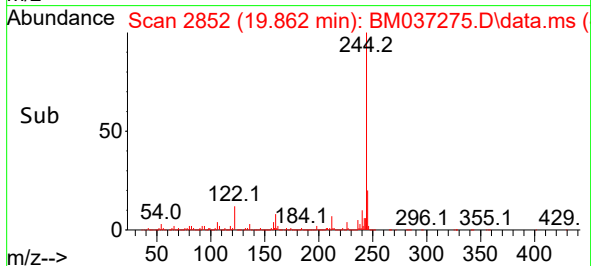
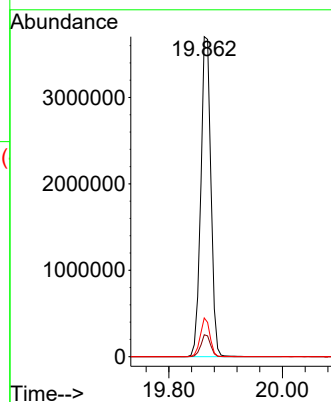
Tgt Ion:244 Resp: 4584787

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 12.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 47.242 ng

RT: 20.562 min Scan# 2971

Delta R.T. 0.000 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

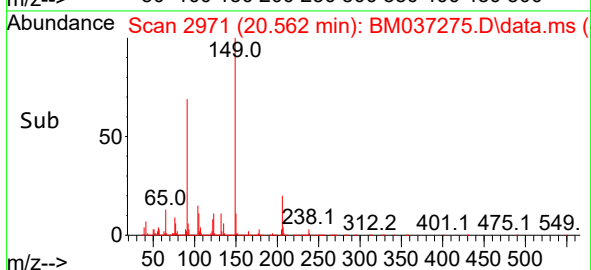
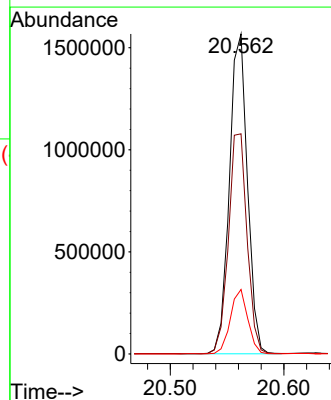
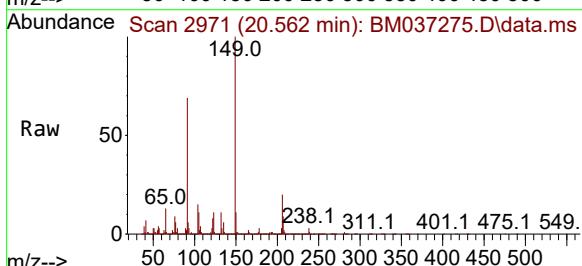
Tgt Ion:149 Resp: 1726508

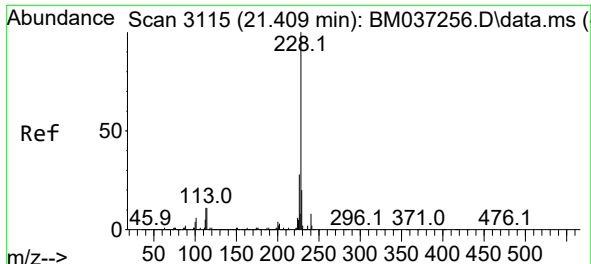
Ion Ratio Lower Upper

149 100

91 68.8 56.2 84.4

206 20.2 15.4 23.0

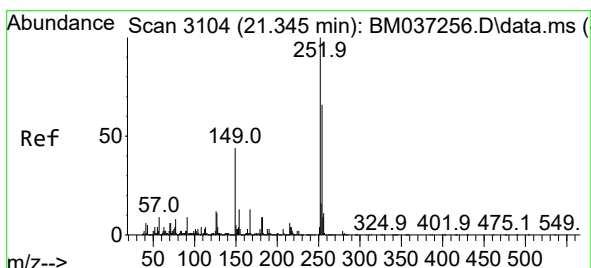
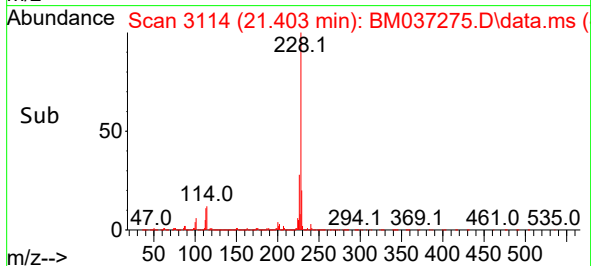
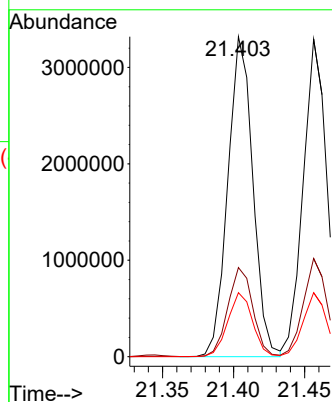
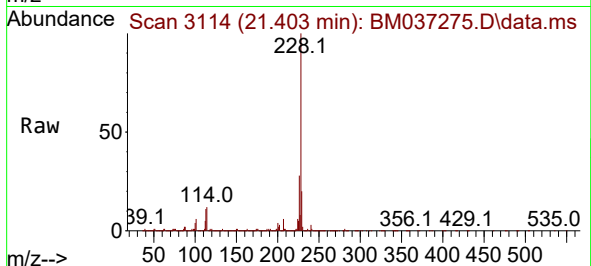




#81
Benzo(a)anthracene
Concen: 42.954 ng
RT: 21.403 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

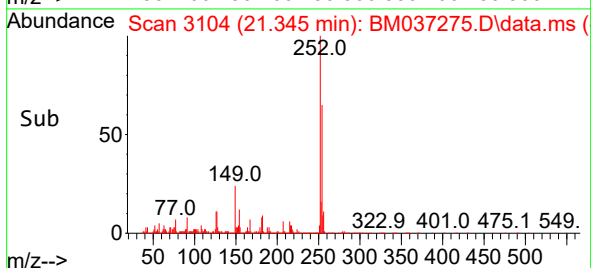
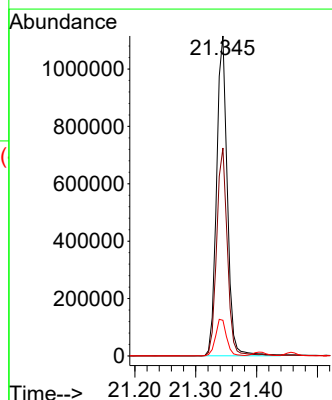
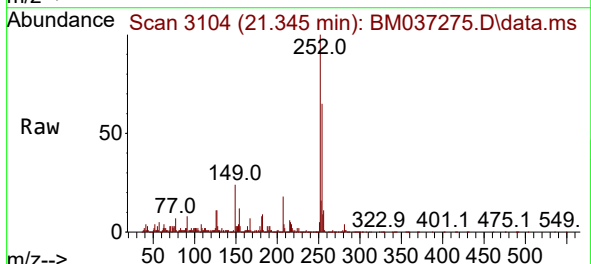
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

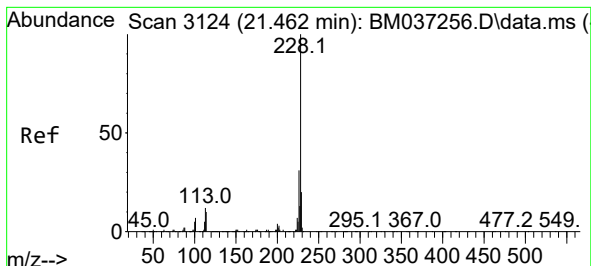
Tgt Ion:228 Resp: 4069623
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.0 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 48.929 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:252 Resp: 1361517
Ion Ratio Lower Upper
252 100
254 65.0 52.7 79.1
126 11.2 9.8 14.6





#83

Chrysene

Concen: 41.951 ng

RT: 21.456 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

Instrument :

BNA_M

ClientSampleId :

LIDEN-GAS-PIPELINEMS

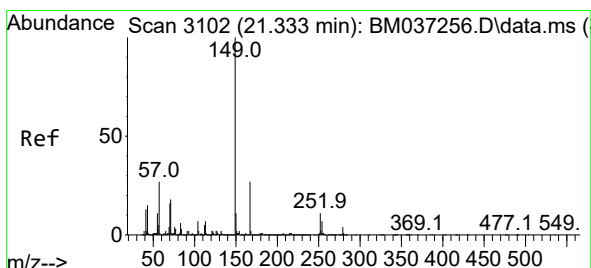
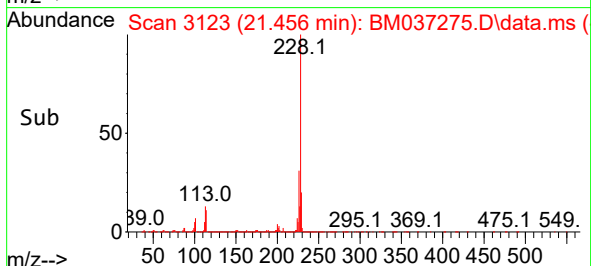
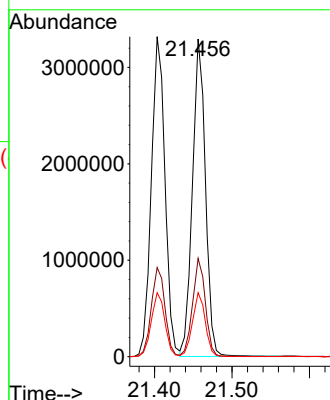
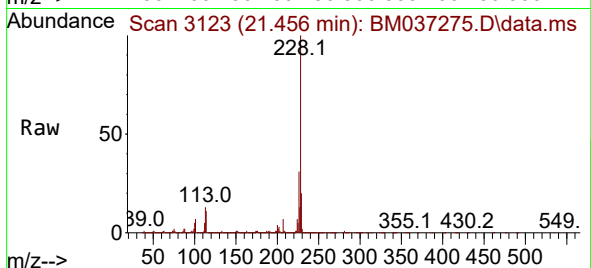
Tgt Ion:228 Resp: 3829297

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.856 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

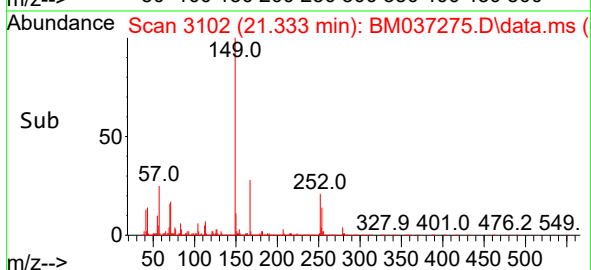
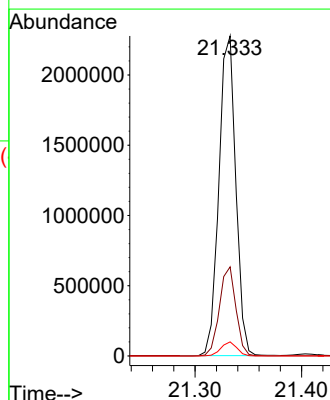
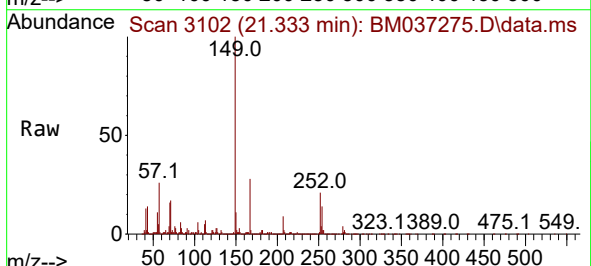
Tgt Ion:149 Resp: 2494467

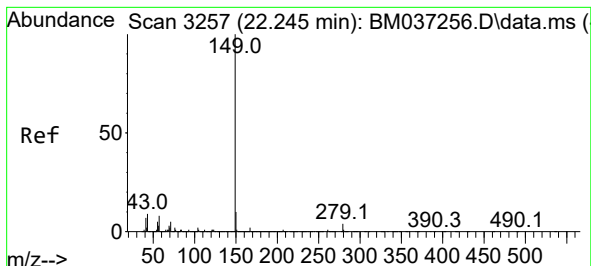
Ion Ratio Lower Upper

149 100

167 27.9 21.2 31.8

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.081 ng

RT: 22.239 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

Instrument :

BNA_M

ClientSampleId :

LIDEN-GAS-PIPELINEMS

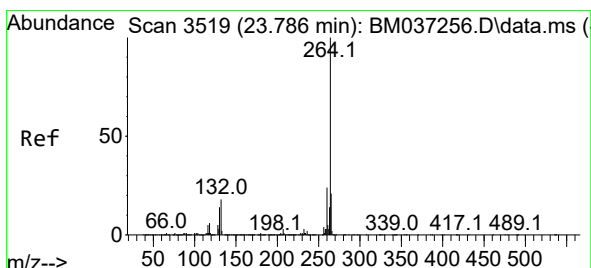
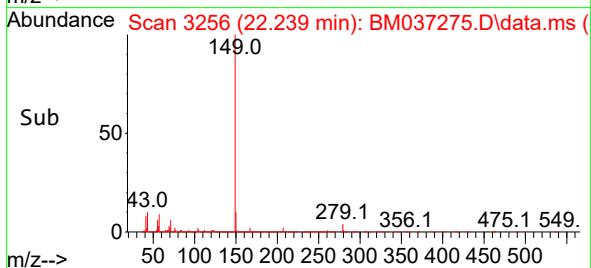
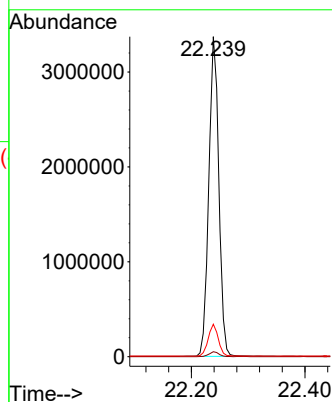
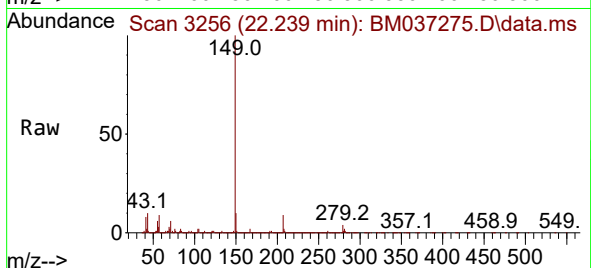
Tgt Ion:149 Resp: 4100415

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.0 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

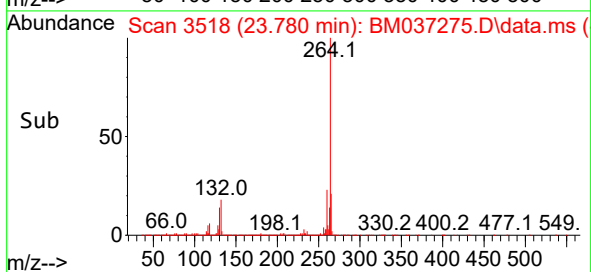
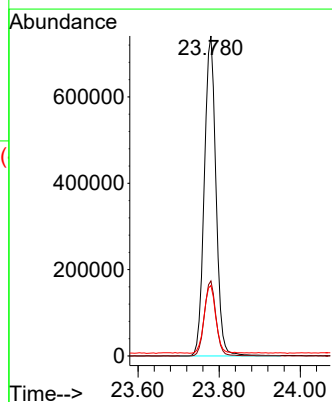
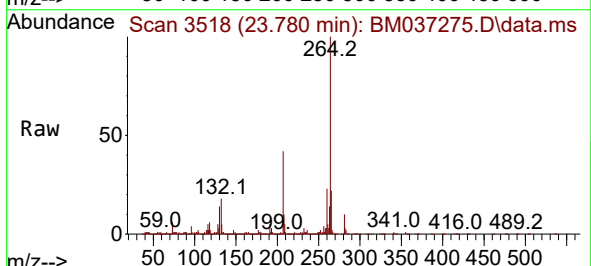
Tgt Ion:264 Resp: 1474298

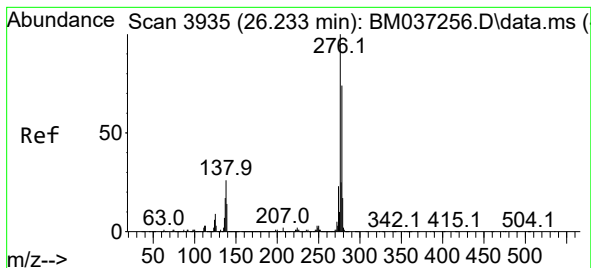
Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.614 ng

RT: 26.227 min Scan# 3934

Delta R.T. -0.006 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

Instrument :

BNA_M

ClientSampleId :

LIDEN-GAS-PIPELINEMS

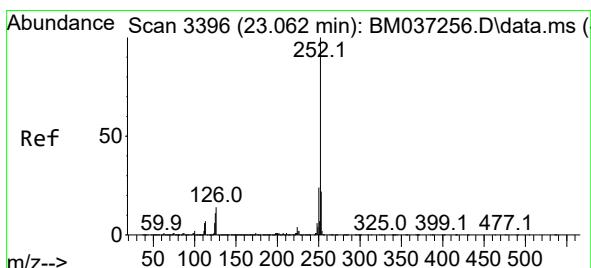
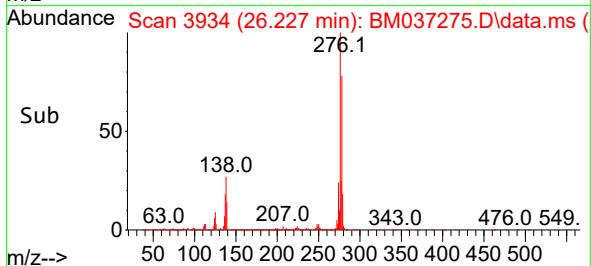
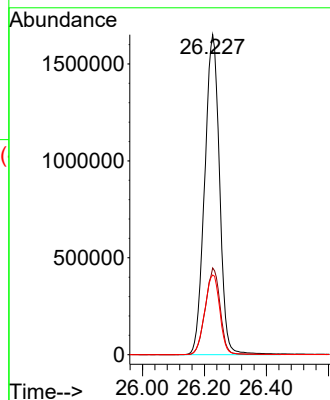
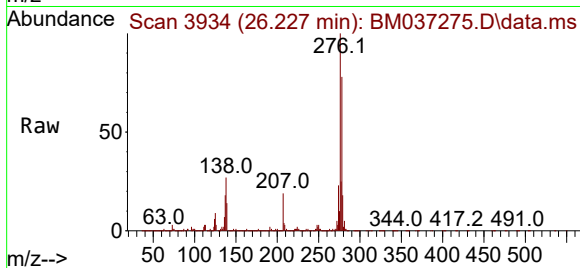
Tgt Ion:276 Resp: 5506164

Ion Ratio Lower Upper

276 100

138 26.9 21.5 32.3

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 44.291 ng

RT: 23.062 min Scan# 3396

Delta R.T. -0.000 min

Lab File: BM037275.D

Acq: 29 Oct 2022 17:39

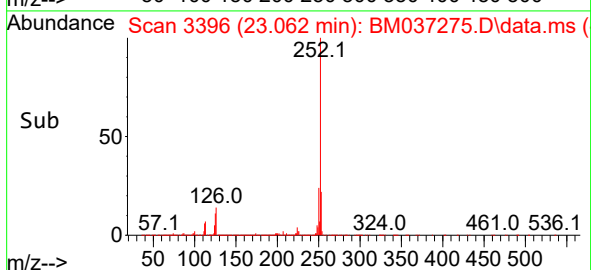
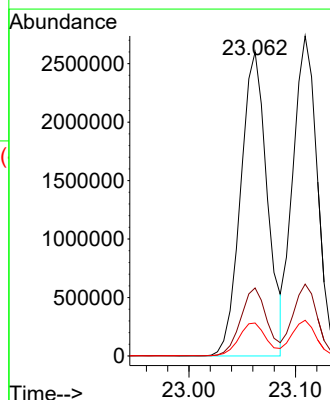
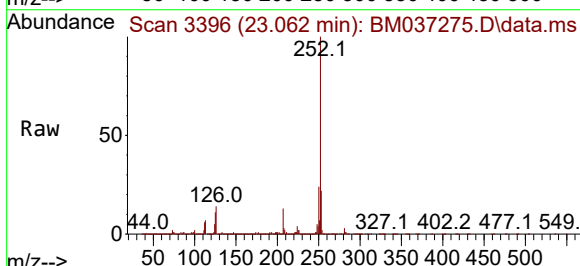
Tgt Ion:252 Resp: 4533292

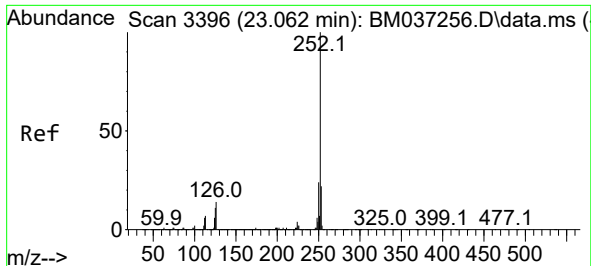
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 10.8 9.1 13.7

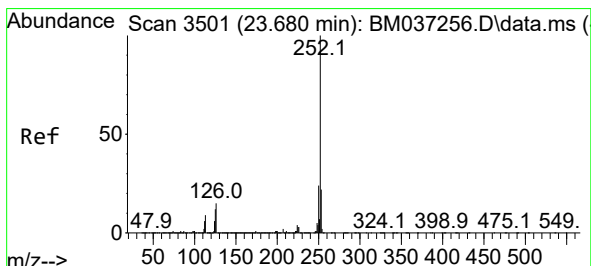
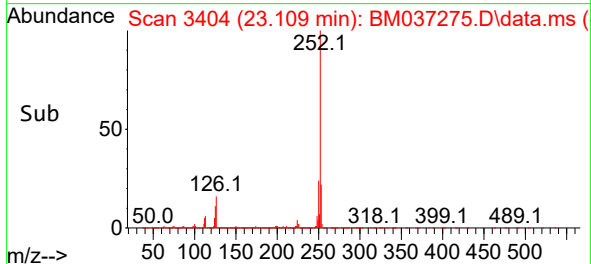
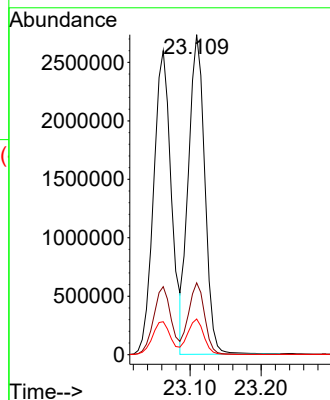
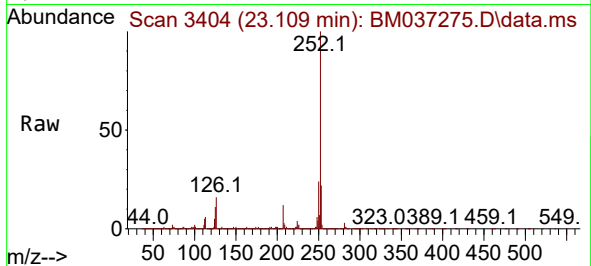




#89
Benzo(k)fluoranthene
Concen: 41.753 ng
RT: 23.109 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

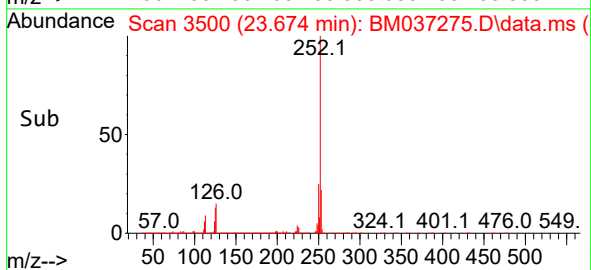
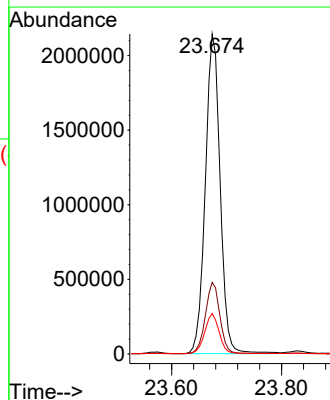
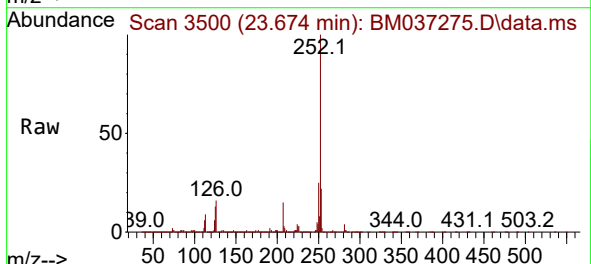
Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

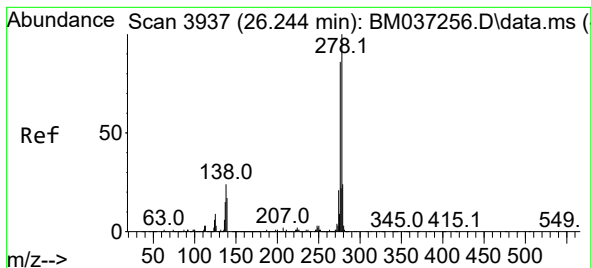
Tgt Ion:252 Resp: 4359096
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 48.104 ng
RT: 23.674 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:252 Resp: 4011619
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 12.6 9.9 14.9

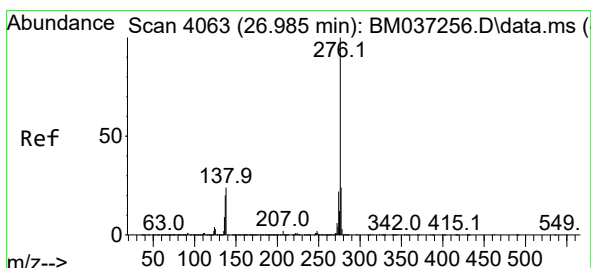
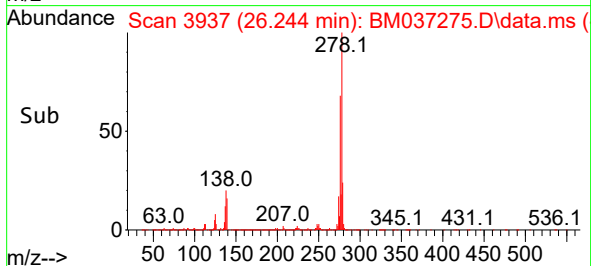
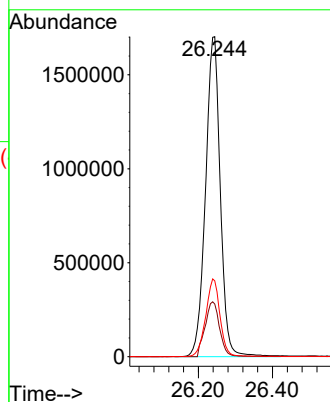
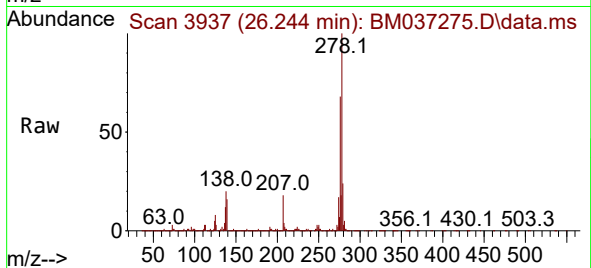




#91
Dibenzo(a,h)anthracene
Concen: 46.921 ng
RT: 26.244 min Scan# 3937
Delta R.T. -0.000 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

Tgt Ion:278 Resp: 4703545
Ion Ratio Lower Upper
278 100
139 16.4 13.8 20.8
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 46.031 ng
RT: 26.979 min Scan# 4062
Delta R.T. -0.006 min
Lab File: BM037275.D
Acq: 29 Oct 2022 17:39

Tgt Ion:276 Resp: 4490954
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.2
138 23.5 18.9 28.3

