

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042446.D
 Acq On : 25 Oct 2023 20:17
 Operator : MA/JU
 Sample : 04905-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-B4-COMP-101323MS

Quant Time: Oct 26 00:48:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	136733	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	545142	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	314402	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	673944	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	653201	20.000	ng	-0.01
86) Perylene-d12	24.027	264	708134	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1094126	113.092	ng	0.00
7) Phenol-d6	7.146	99	1413000	108.984	ng	0.00
23) Nitrobenzene-d5	9.192	82	937322	76.032	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	507864	145.111	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	1829607	78.364	ng	-0.01
79) Terphenyl-d14	19.998	244	2817675	76.502	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	163069	35.795	ng	97
3) Pyridine	3.805	79	421704	31.551	ng	97
4) n-Nitrosodimethylamine	3.734	42	240738	35.674	ng	92
6) Aniline	7.334	93	486557	29.475	ng	97
8) 2-Chlorophenol	7.545	128	446716	46.533	ng	95
9) Benzaldehyde	7.151	77	165170	21.873	ng	95
10) Phenol	7.175	94	577382	43.098	ng	99
11) bis(2-Chloroethyl)ether	7.428	93	453820	41.260	ng	97
12) 1,3-Dichlorobenzene	7.869	146	477035	48.042	ng	98
13) 1,4-Dichlorobenzene	8.028	146	490761	49.100	ng	97
14) 1,2-Dichlorobenzene	8.340	146	469606	48.930	ng	99
15) Benzyl Alcohol	8.251	79	423707	44.086	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	367237	21.101	ng	97
17) 2-Methylphenol	8.434	107	377416	42.692	ng	99
18) Hexachloroethane	9.057	117	186539	48.479	ng	# 90
19) n-Nitroso-di-n-propyla...	8.810	70	375046	42.680	ng	96
20) 3+4-Methylphenols	8.769	107	505116	42.599	ng	97
22) Acetophenone	8.840	105	674408	45.347	ng	# 97
24) Nitrobenzene	9.234	77	543789	44.090	ng	97
25) Isophorone	9.745	82	978304	46.696	ng	98
26) 2-Nitrophenol	9.934	139	238246	50.066	ng	95
27) 2,4-Dimethylphenol	9.975	122	376330	44.284	ng	95
28) bis(2-Chloroethoxy)met...	10.228	93	598232	45.069	ng	98
29) 2,4-Dichlorophenol	10.457	162	412454	55.811	ng	97
30) 1,2,4-Trichlorobenzene	10.663	180	444866	56.151	ng	99
31) Naphthalene	10.869	128	1358115	48.503	ng	100
32) Benzoic acid	10.116	122	330552	52.607	ng	96
33) 4-Chloroaniline	10.998	127	267687	22.019	ng	99
34) Hexachlorobutadiene	11.092	225	267966	62.504	ng	98
35) Caprolactam	11.828	113	137957	47.147	ng	90
36) 4-Chloro-3-methylphenol	12.098	107	451263	50.600	ng	97
37) 2-Methylnaphthalene	12.469	142	907916	48.167	ng	98
38) 1-Methylnaphthalene	12.686	142	881334	49.911	ng	98
40) 1,2,4,5-Tetrachloroben...	12.816	216	494352	54.389	ng	97
41) Hexachlorocyclopentadiene	12.763	237	332669	68.218	ng	98
43) 2,4,6-Trichlorophenol	13.069	196	325773	55.367	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	352138	50.628	ng	94
46) 1,1'-Biphenyl	13.475	154	1194534	47.893	ng	98
47) 2-Chloronaphthalene	13.522	162	899296	49.146	ng	100
48) 2-Nitroaniline	13.757	65	322872	40.549	ng	91
49) Acenaphthylene	14.369	152	1496677	50.663	ng	100
50) Dimethylphthalate	14.104	163	1099929	47.695	ng	99
51) 2,6-Dinitrotoluene	14.245	165	238168	45.875	ng	86
52) Acenaphthene	14.704	154	853328	47.778	ng	99
53) 3-Nitroaniline	14.580	138	186380	31.398	ng	98
54) 2,4-Dinitrophenol	14.786	184	199325	63.656	ng	89
55) Dibenzofuran	15.033	168	1378561	48.801	ng	97
56) 4-Nitrophenol	14.874	139	460948	98.139	ng	92
57) 2,4-Dinitrotoluene	15.027	165	326032	46.915	ng	86
58) Fluorene	15.686	166	1104084	49.530	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	312809	59.866	ng	89
60) Diethylphthalate	15.445	149	1103613	48.494	ng	98
61) 4-Chlorophenyl-phenyle...	15.674	204	559205	53.269	ng	92
62) 4-Nitroaniline	15.745	138	238739	40.906	ng	94
63) Azobenzene	15.968	77	1216777	44.564	ng	94
65) 4,6-Dinitro-2-methylph...	15.774	198	134803	33.430	ng	83
66) n-Nitrosodiphenylamine	15.898	169	945010	46.554	ng	98
67) 4-Bromophenyl-phenylether	16.568	248	317451	50.823	ng	96
68) Hexachlorobenzene	16.651	284	387954	58.106	ng	94
69) Atrazine	16.845	200	347271	67.462	ng	98
70) Pentachlorophenol	17.015	266	563537	99.526	ng	98
71) Phenanthrene	17.433	178	1744555	47.584	ng	100
72) Anthracene	17.521	178	1777007	48.940	ng	100
73) Carbazole	17.810	167	1653398	48.539	ng	99
74) Di-n-butylphthalate	18.327	149	2053172	47.623	ng	99
75) Fluoranthene	19.439	202	2150727	53.264	ng	98
77) Benzidine	19.651	184	1482766	156.939	ng	100
78) Pyrene	19.809	202	2243756	49.156	ng	99
80) Butylbenzylphthalate	20.686	149	1000494	48.330	ng	91
81) Benzo(a)anthracene	21.550	228	2158609	49.295	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	765382	58.551	ng	# 97
83) Chrysene	21.609	228	1950167	46.369	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1469713	49.828	ng	# 96
85) Di-n-octyl phthalate	22.374	149	2549796	50.094	ng	95
87) Indeno(1,2,3-cd)pyrene	26.615	276	2325359	44.934	ng	# 93
88) Benzo(b)fluoranthene	23.268	252	2069632	48.555	ng	98
89) Benzo(k)fluoranthene	23.268	252	2069632	46.768	ng	98
90) Benzo(a)pyrene	23.921	252	1816274	44.271	ng	98
91) Dibenzo(a,h)anthracene	26.632	278	1942549	45.148	ng	# 96
92) Benzo(g,h,i)perylene	27.427	276	1842471	44.094	ng	# 92

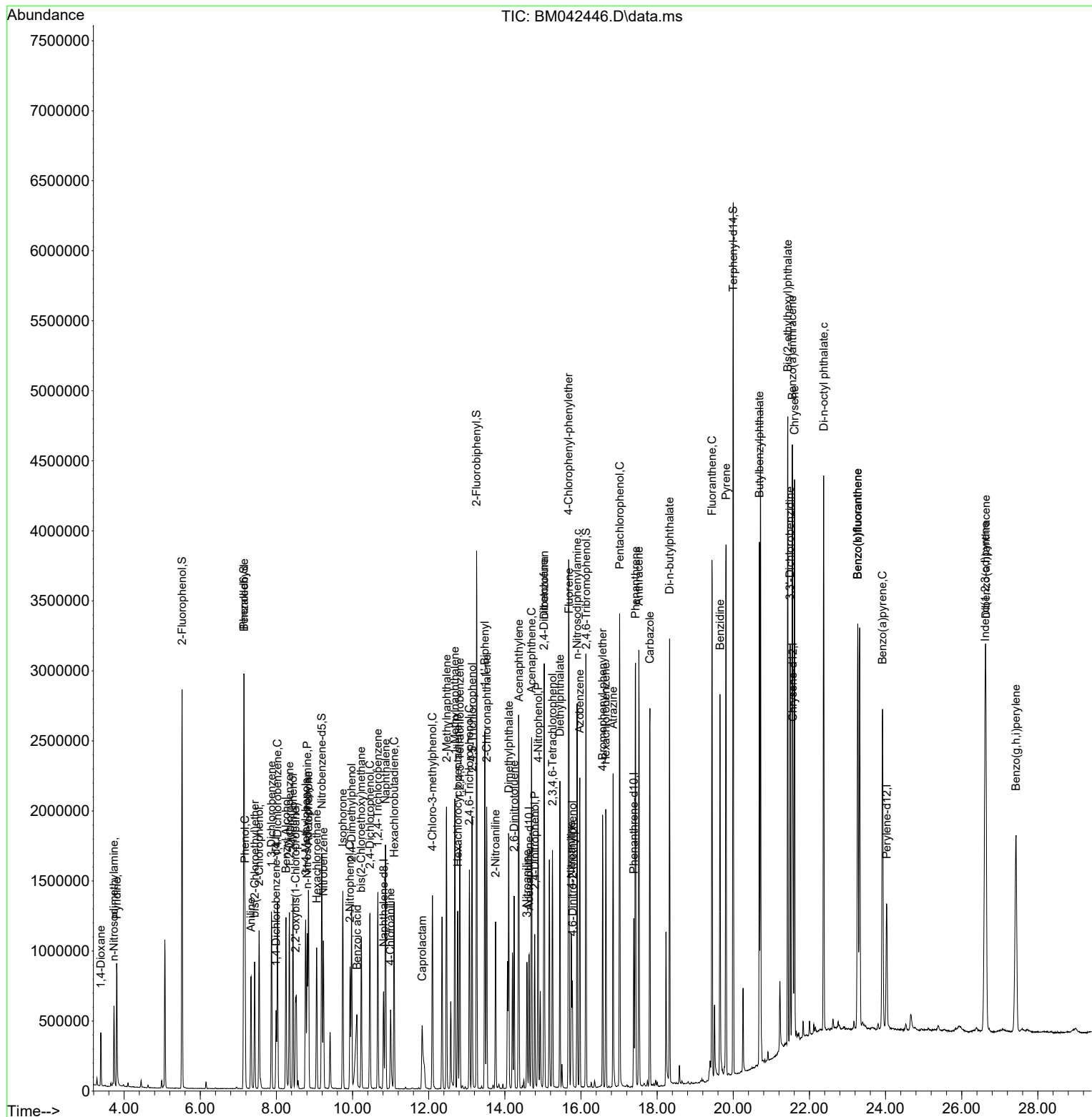
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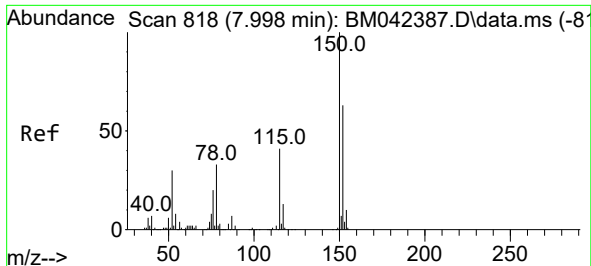
BNA M

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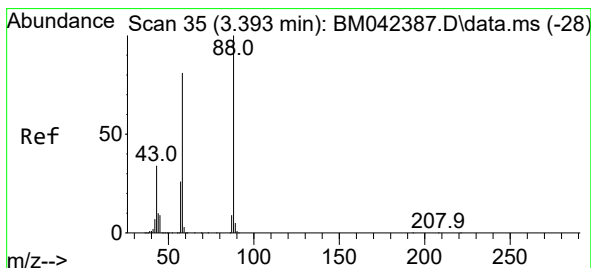
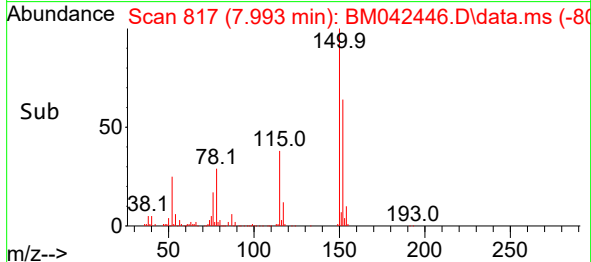
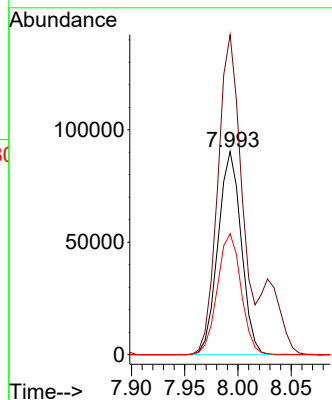
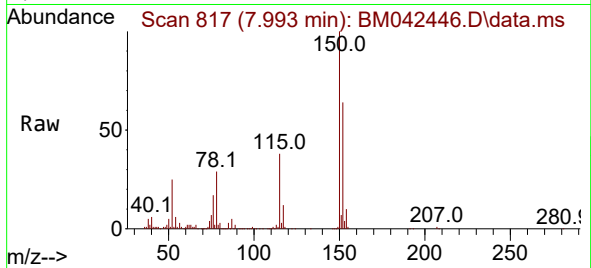




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

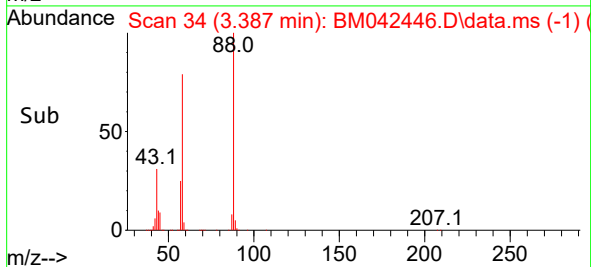
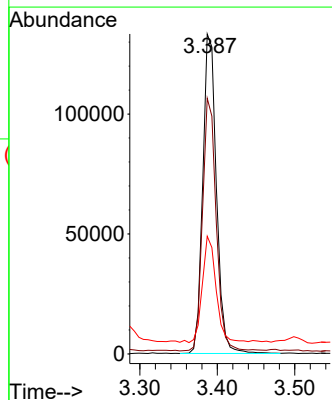
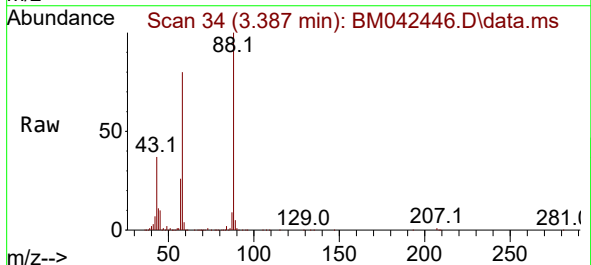
Instrument :
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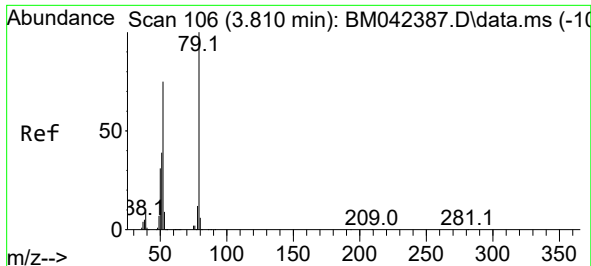
Tgt Ion:152 Resp: 136733
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.4
115 59.5 51.9 77.9



#2
1,4-Dioxane
Concen: 35.795 ng
RT: 3.387 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion: 88 Resp: 163069
Ion Ratio Lower Upper
88 100
58 78.9 64.9 97.3
43 33.0 27.8 41.8

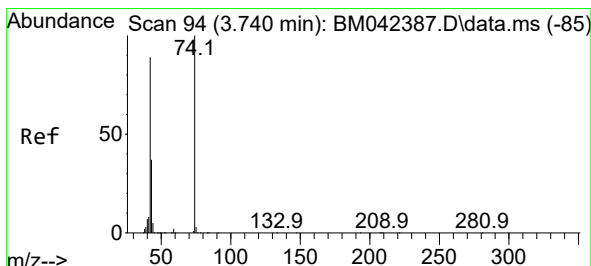
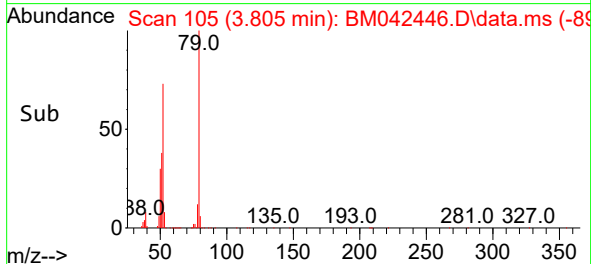
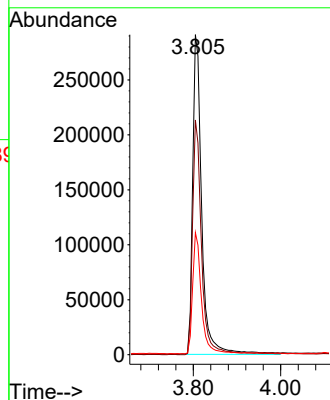
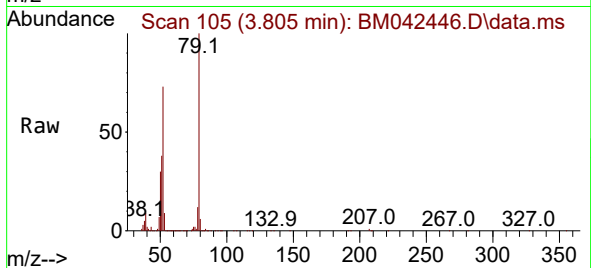




#3
Pyridine
Concen: 31.551 ng
RT: 3.805 min Scan# 106
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

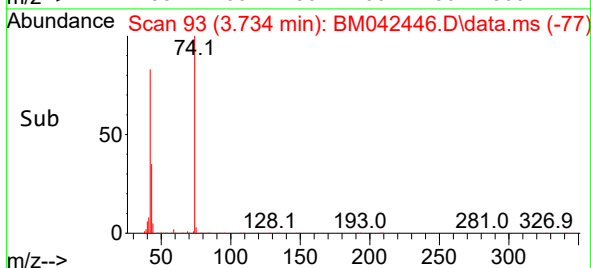
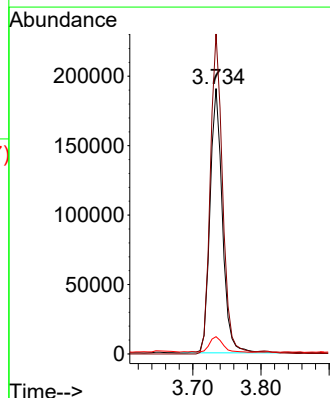
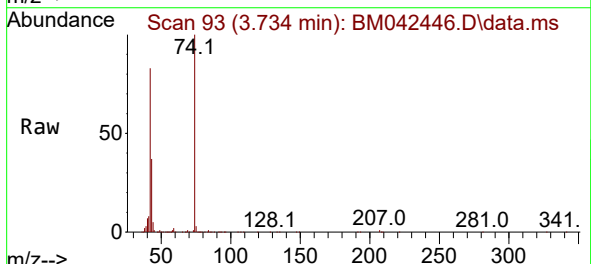
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ClientSampleId :
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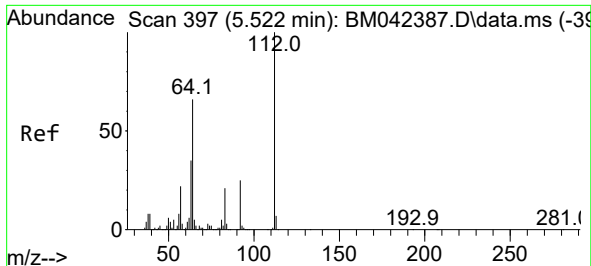
Tgt Ion: 79 Resp: 421704
Ion Ratio Lower Upper
79 100
52 73.3 60.3 90.5
51 38.2 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 35.674 ng
RT: 3.734 min Scan# 93
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion: 42 Resp: 240738
Ion Ratio Lower Upper
42 100
74 120.6 89.4 134.2
44 6.5 5.4 8.0

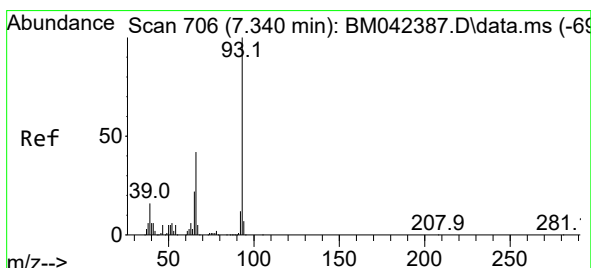
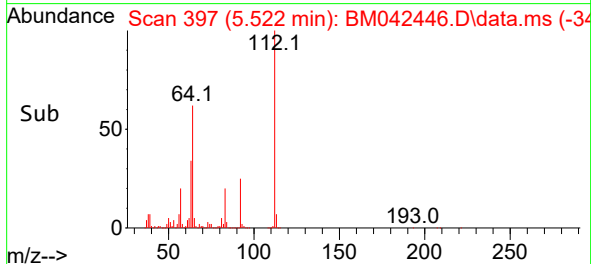
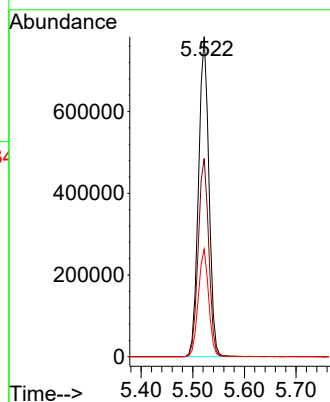
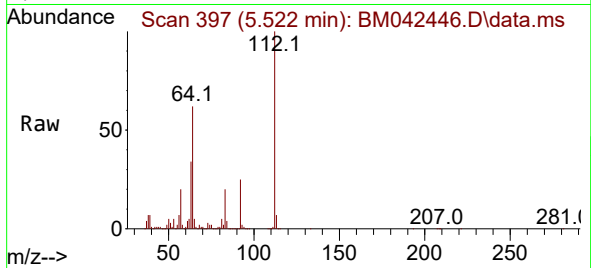




#5
2-Fluorophenol
Concen: 113.092 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

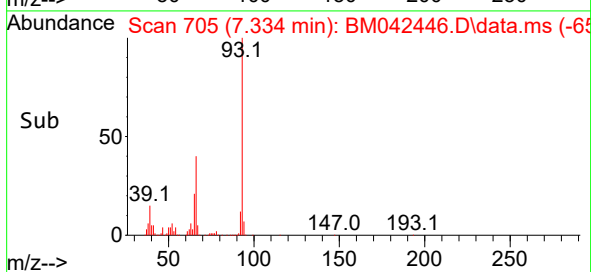
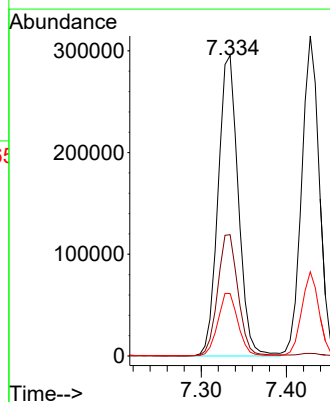
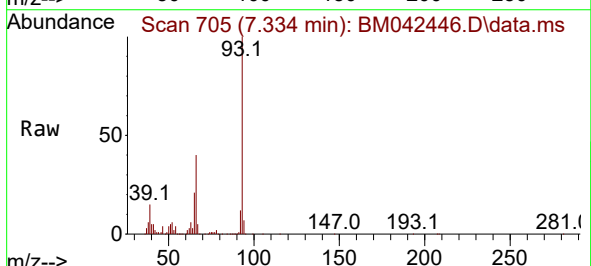
Instrument :
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LSS-B4-COMP-101323MS

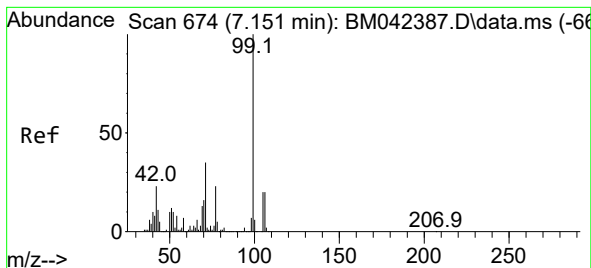
Tgt Ion:112 Resp: 1094126
Ion Ratio Lower Upper
112 100
64 62.0 52.7 79.1
63 33.6 28.3 42.5



#6
Aniline
Concen: 29.475 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion: 93 Resp: 486557
Ion Ratio Lower Upper
93 100
66 40.4 33.8 50.8
65 20.8 17.4 26.2

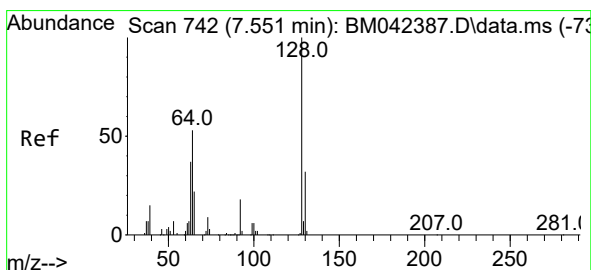
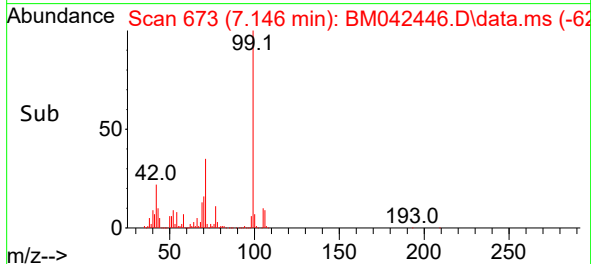
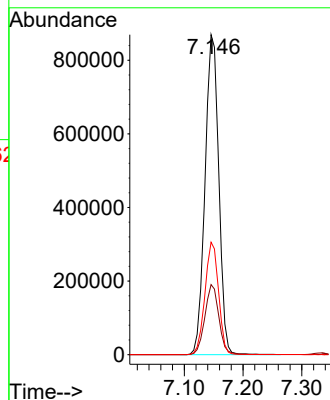
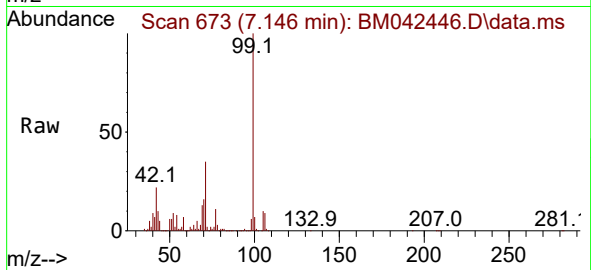




#7
Phenol-d6
Concen: 108.984 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

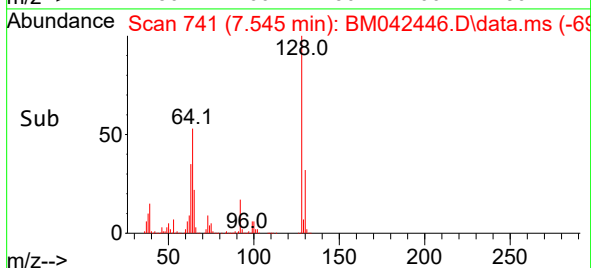
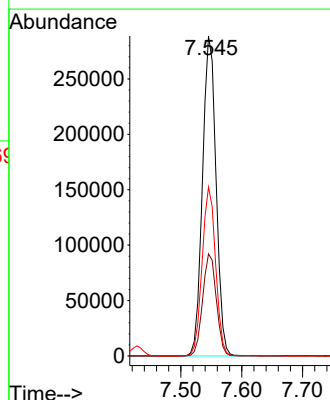
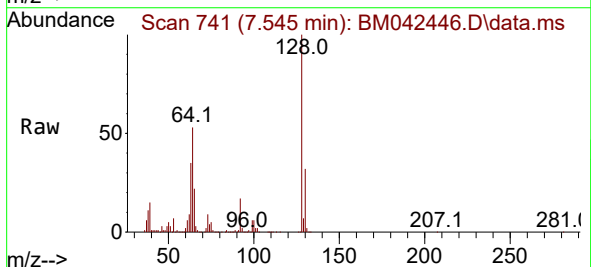
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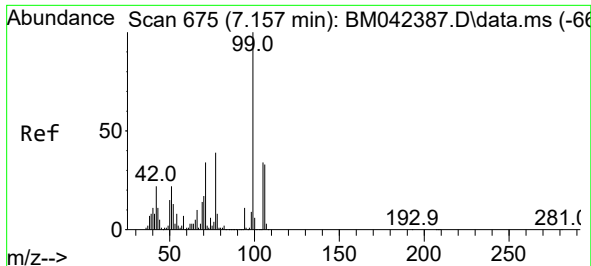
Tgt Ion: 99 Resp: 1413000
Ion Ratio Lower Upper
99 100
42 21.9 18.5 27.7
71 35.2 27.7 41.5



#8
2-Chlorophenol
Concen: 46.533 ng
RT: 7.545 min Scan# 741
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion: 128 Resp: 446716
Ion Ratio Lower Upper
128 100
130 31.9 12.1 52.1
64 52.8 38.2 78.2

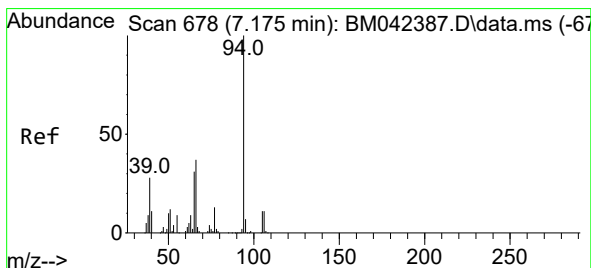
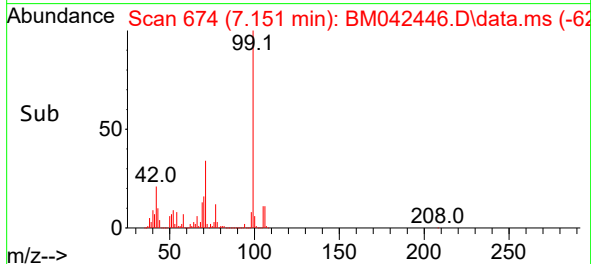
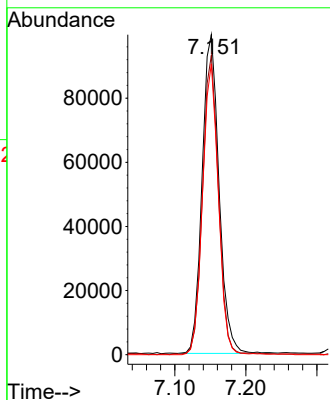
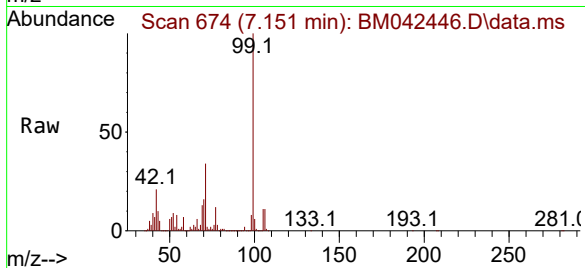




#9
Benzaldehyde
Concen: 21.873 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042446.D
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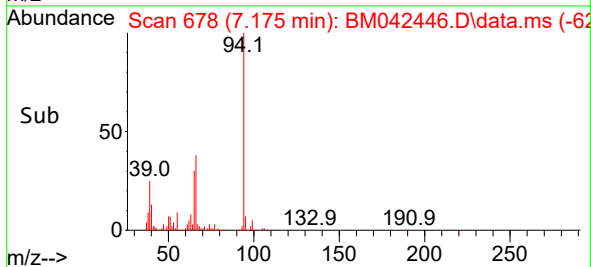
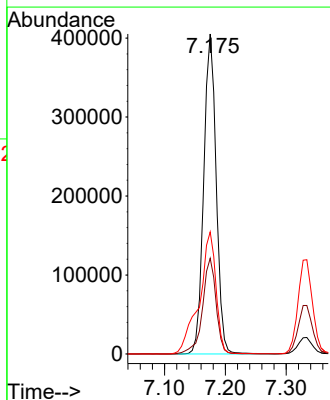
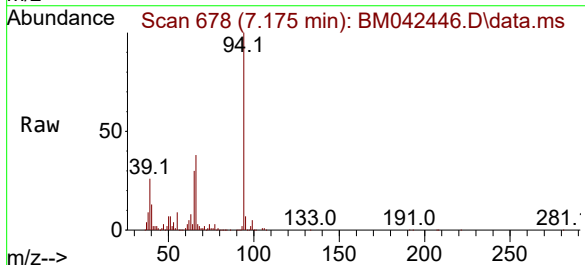
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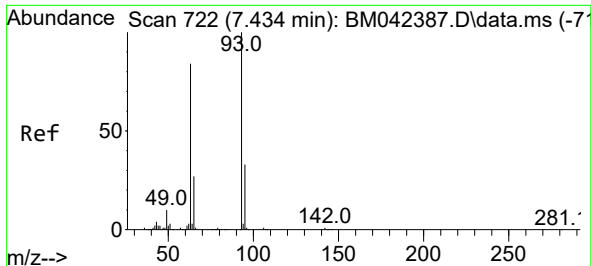
Tgt Ion: 77 Resp: 165170
Ion Ratio Lower Upper
77 100
105 93.5 68.7 108.7
106 90.9 65.8 105.8



#10
Phenol
Concen: 43.098 ng
RT: 7.175 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion: 94 Resp: 577382
Ion Ratio Lower Upper
94 100
65 29.9 10.9 50.9
66 38.1 18.2 58.2

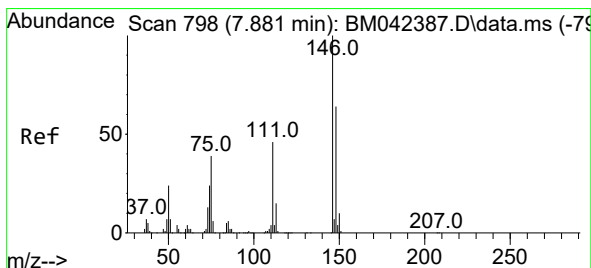
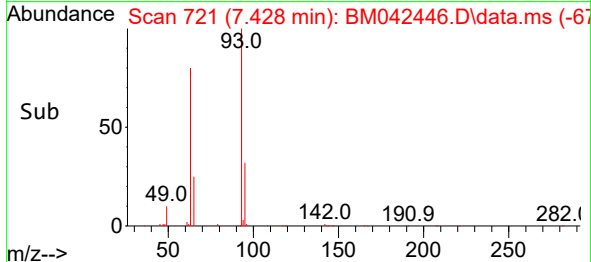
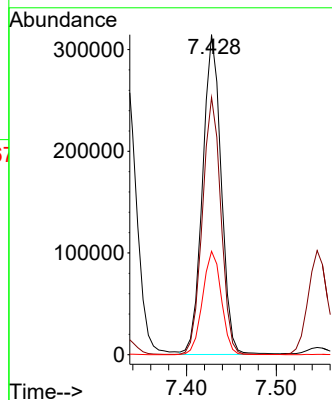
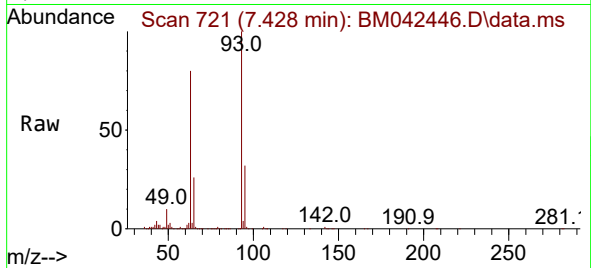




#11
bis(2-Chloroethyl)ether
Concen: 41.260 ng
RT: 7.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

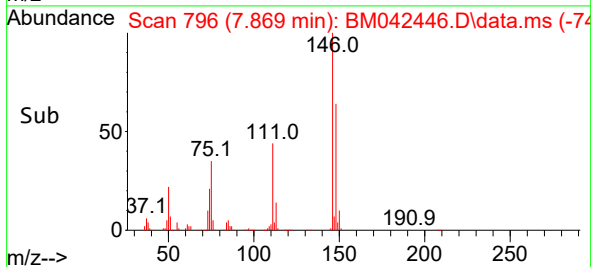
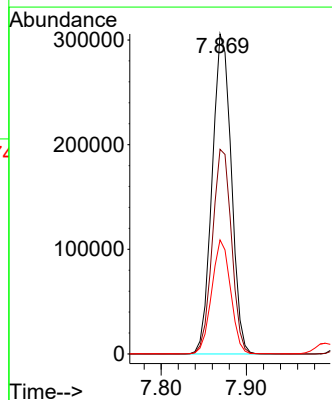
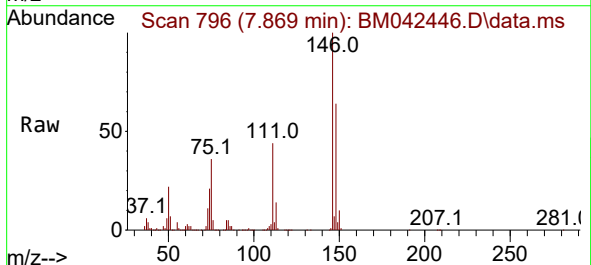
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

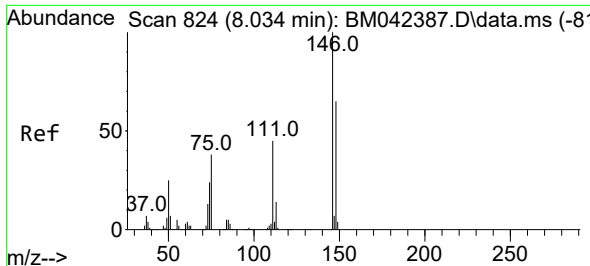
Tgt Ion: 93 Resp: 453820
Ion Ratio Lower Upper
93 100
63 80.4 64.2 104.2
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 48.042 ng
RT: 7.869 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:146 Resp: 477035
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
75 35.6 30.9 46.3

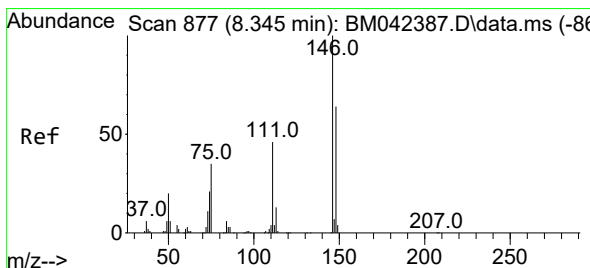
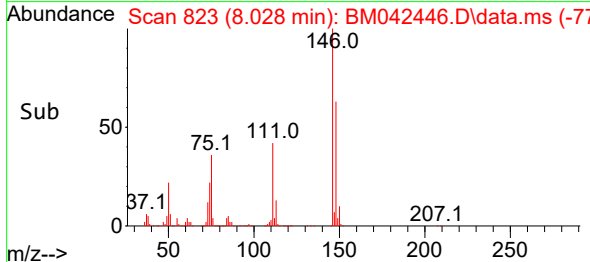
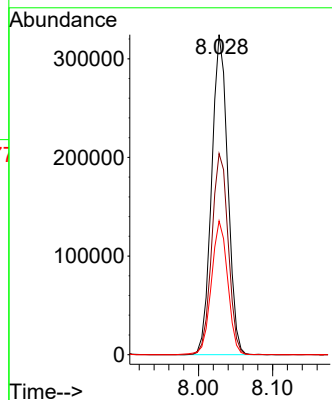
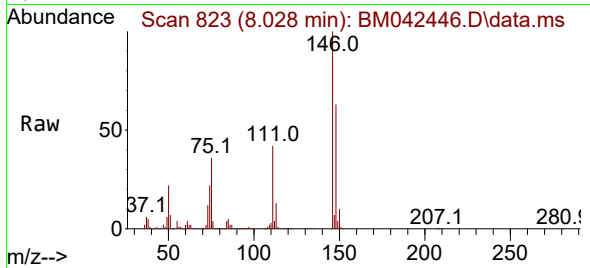




#13
1,4-Dichlorobenzene
Concen: 49.100 ng
RT: 8.028 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

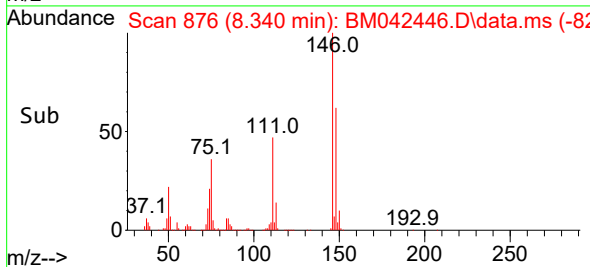
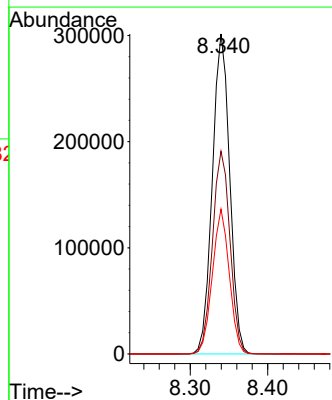
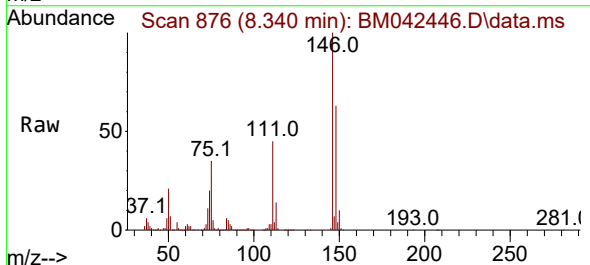
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

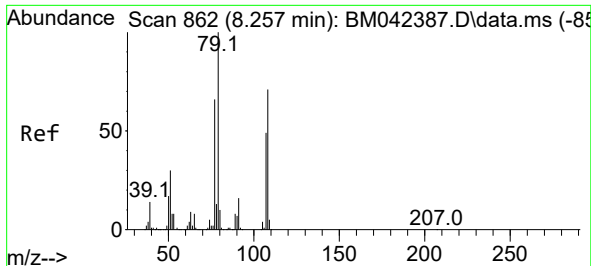
Tgt Ion:146 Resp: 490761
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.6
111 41.8 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 48.930 ng
RT: 8.340 min Scan# 876
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:146 Resp: 469606
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
111 45.2 37.2 55.8

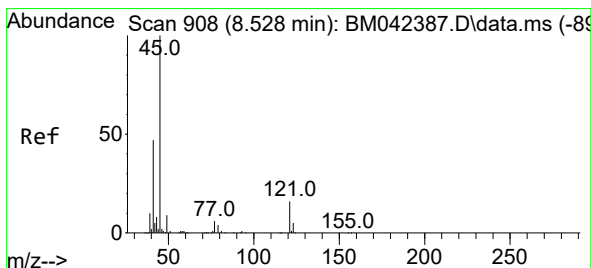
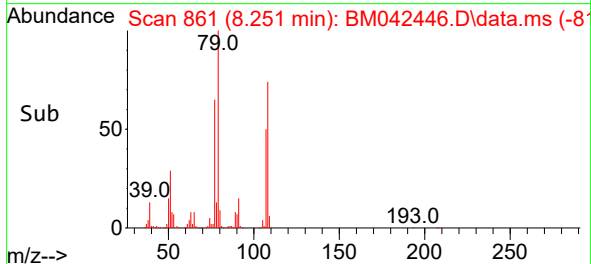
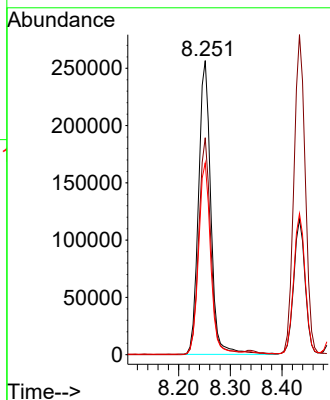
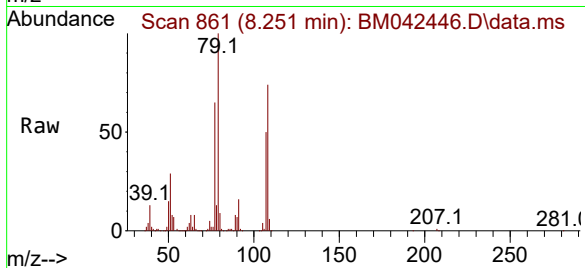




#15
Benzyl Alcohol
Concen: 44.086 ng
RT: 8.251 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

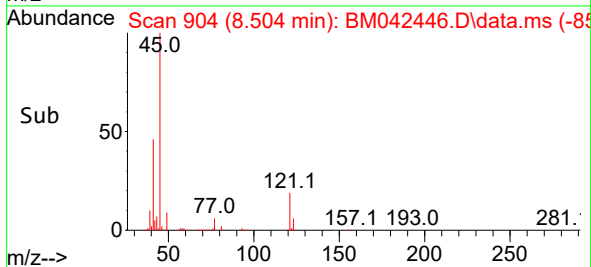
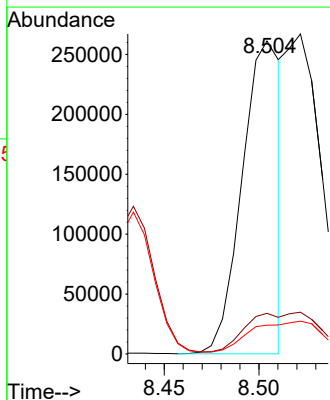
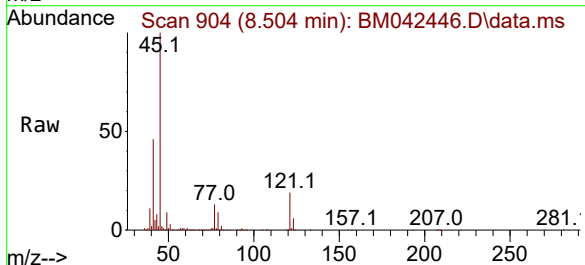
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

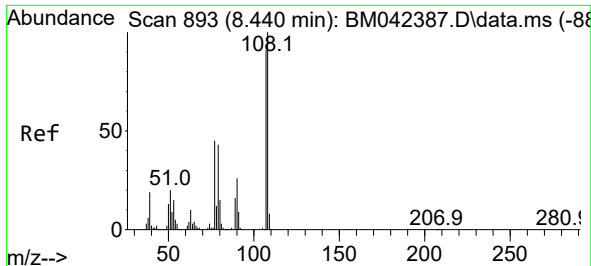
Tgt Ion: 79 Resp: 423707
Ion Ratio Lower Upper
79 100
108 73.8 57.1 85.7
77 65.2 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.101 ng
RT: 8.504 min Scan# 904
Delta R.T. -0.023 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion: 45 Resp: 367237
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.2
79 9.2 0.0 30.4

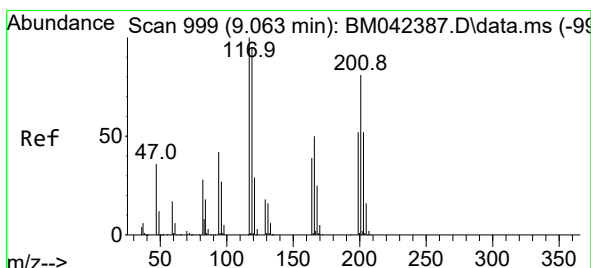
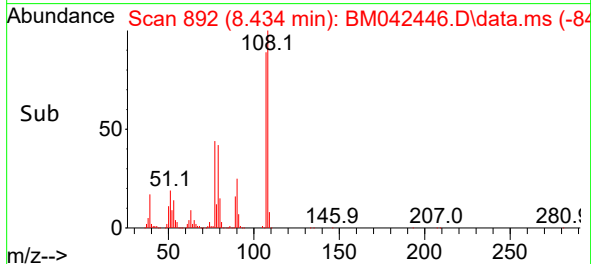
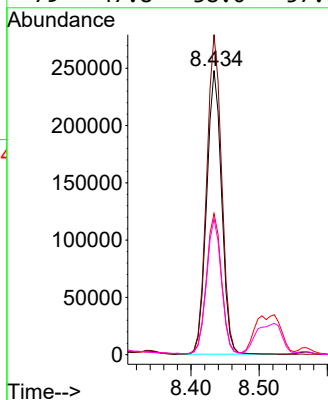
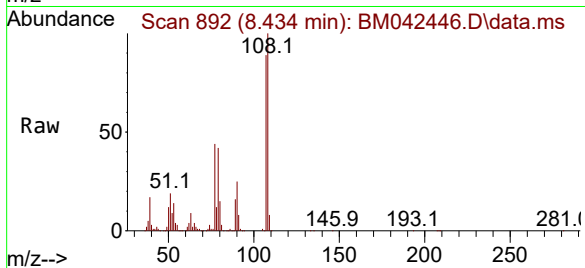




#17
2-Methylphenol
Concen: 42.692 ng
RT: 8.434 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

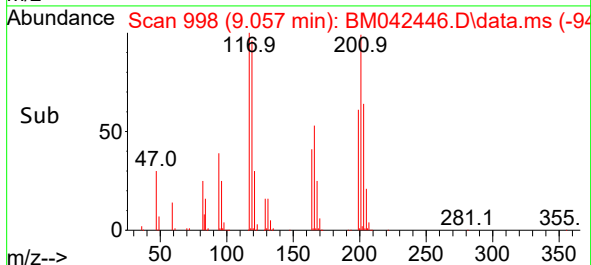
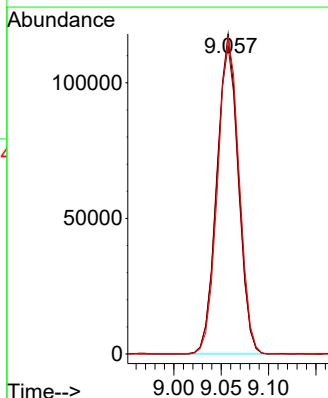
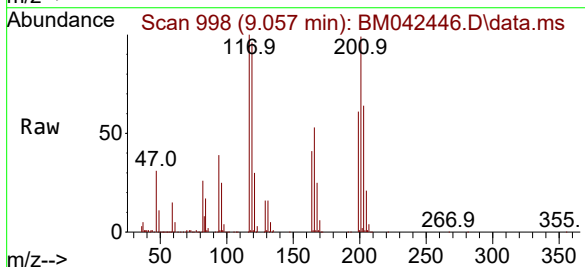
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

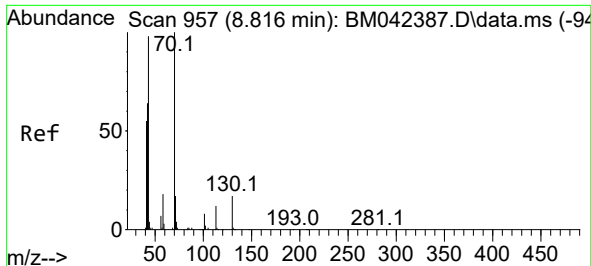
Tgt Ion:107 Resp: 377416
Ion Ratio Lower Upper
107 100
108 112.6 88.2 132.4
77 49.7 40.1 60.1
79 47.8 38.0 57.0



#18
Hexachloroethane
Concen: 48.479 ng
RT: 9.057 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:117 Resp: 186539
Ion Ratio Lower Upper
117 100
119 96.2 75.9 113.9
201 99.0 64.6 97.0#

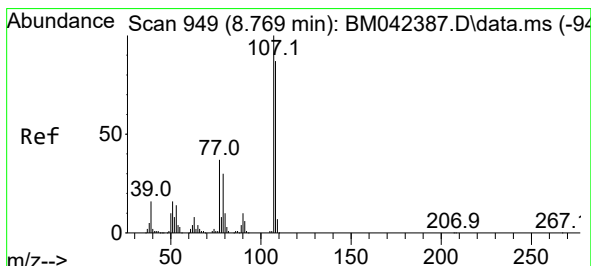
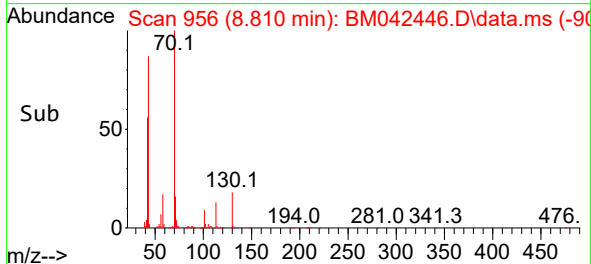
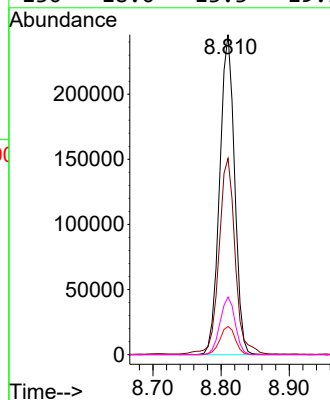
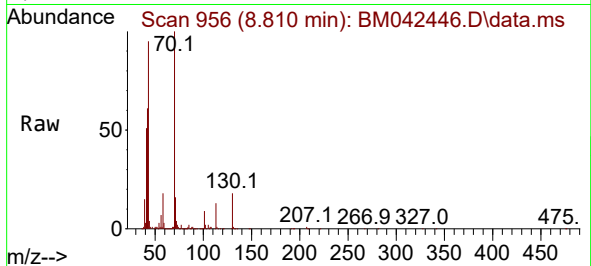




#19
n-Nitroso-di-n-propylamine
Concen: 42.680 ng
RT: 8.810 min Scan# 956
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

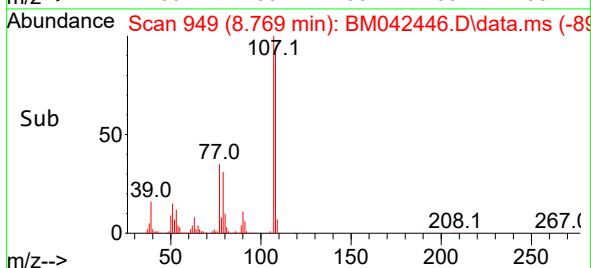
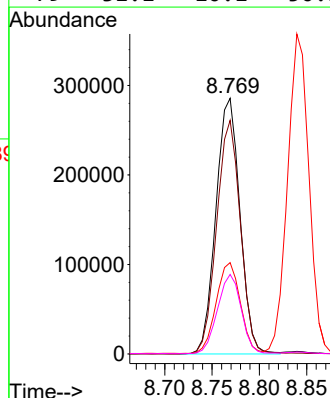
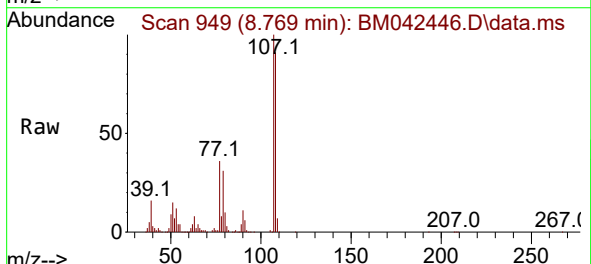
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

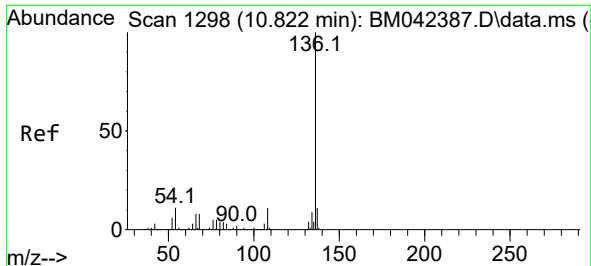
Tgt Ion: 70 Resp: 375046
Ion Ratio Lower Upper
70 100
42 61.3 52.1 78.1
101 8.8 6.5 9.7
130 18.0 13.3 19.9



#20
3+4-Methylphenols
Concen: 42.599 ng
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion: 107 Resp: 505116
Ion Ratio Lower Upper
107 100
108 91.4 67.2 107.2
77 35.7 16.8 56.8
79 31.1 10.1 50.1

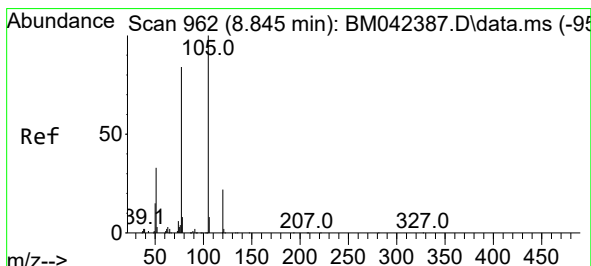
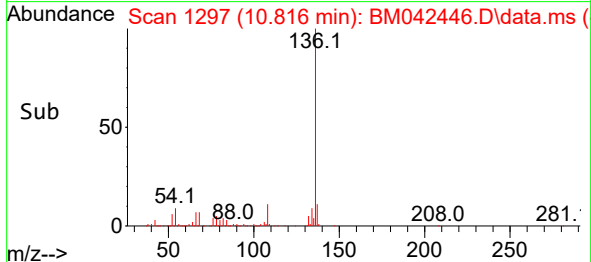
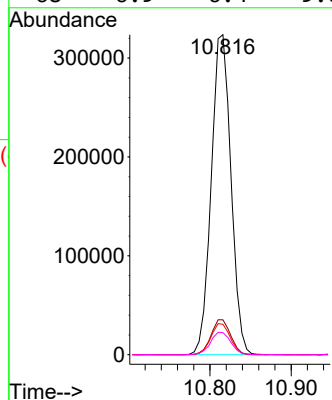
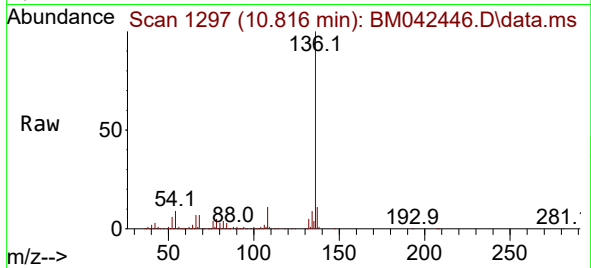




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

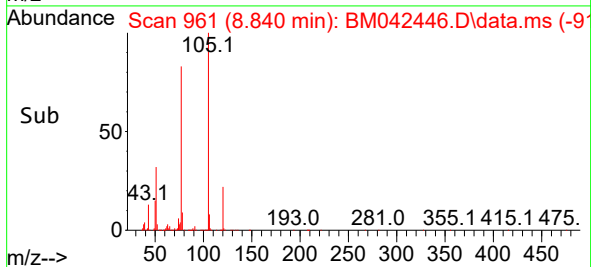
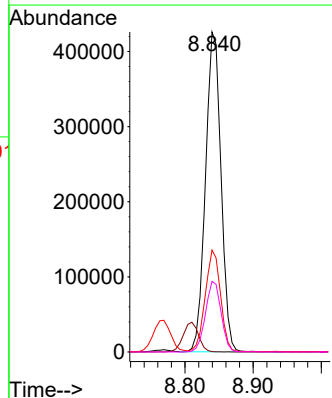
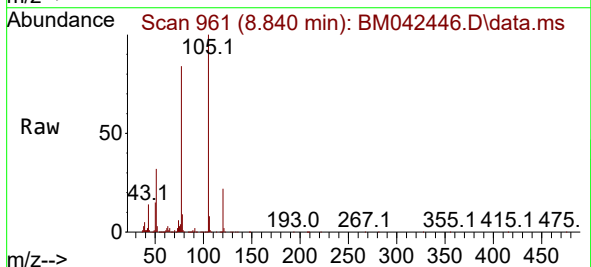
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

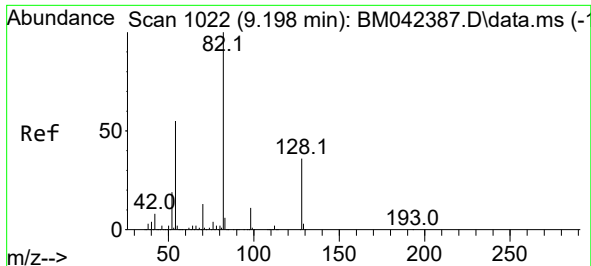
Tgt Ion:136 Resp: 545142
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.5 8.6 12.8
68 6.9 6.4 9.6



#22
Acetophenone
Concen: 45.347 ng
RT: 8.840 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:105 Resp: 674408
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 31.8 27.1 40.7
120 22.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 76.032 ng

RT: 9.192 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

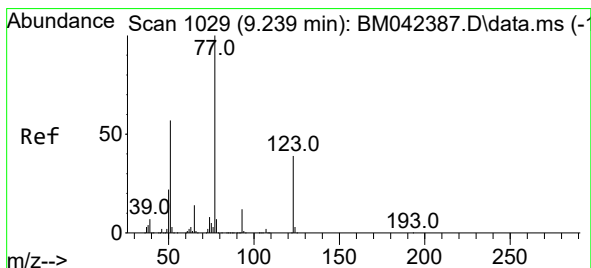
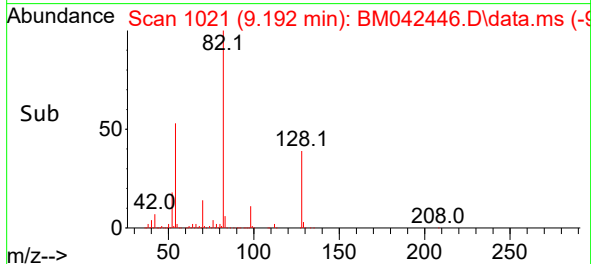
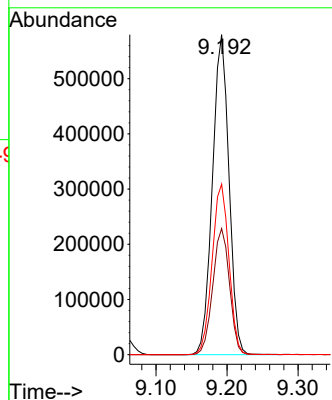
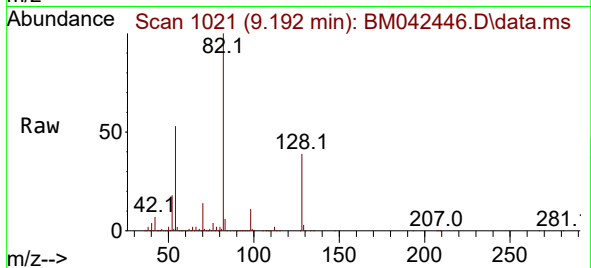
Tgt Ion: 82 Resp: 937322

Ion Ratio Lower Upper

82 100

128 39.4 29.0 43.6

54 53.3 43.7 65.5



#24

Nitrobenzene

Concen: 44.090 ng

RT: 9.234 min Scan# 1028

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

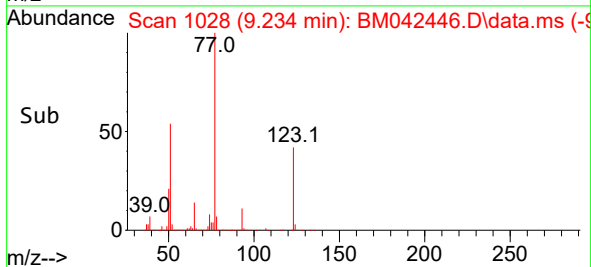
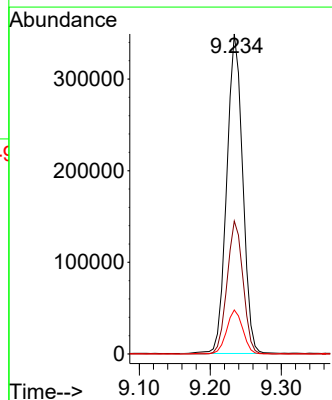
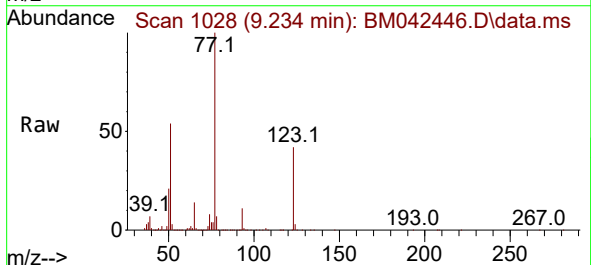
Tgt Ion: 77 Resp: 543789

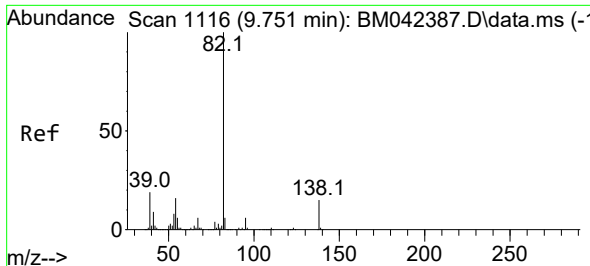
Ion Ratio Lower Upper

77 100

123 41.6 31.2 46.8

65 13.8 11.4 17.0

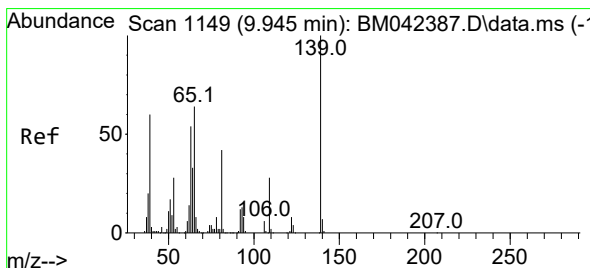
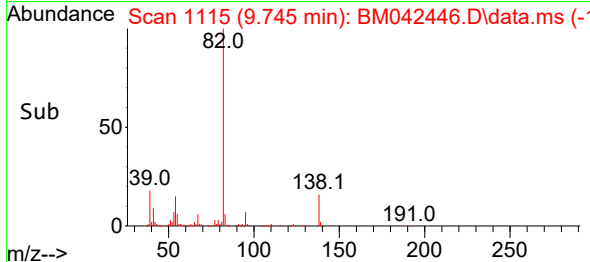
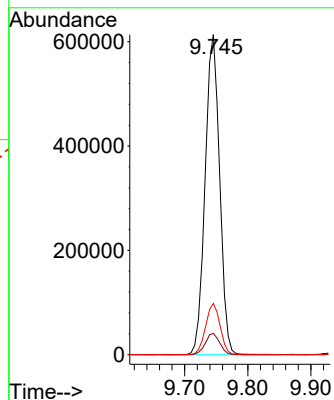
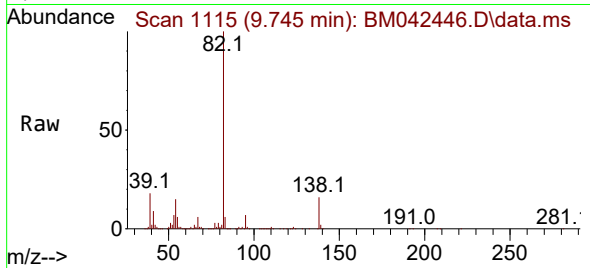




#25
Isophorone
Concen: 46.696 ng
RT: 9.745 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

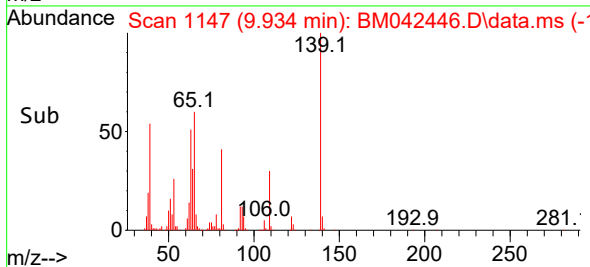
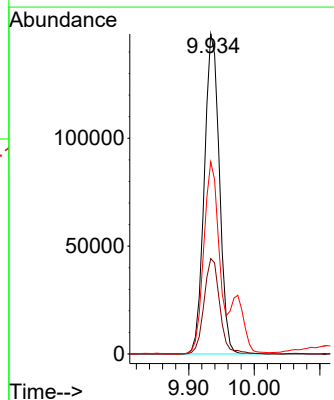
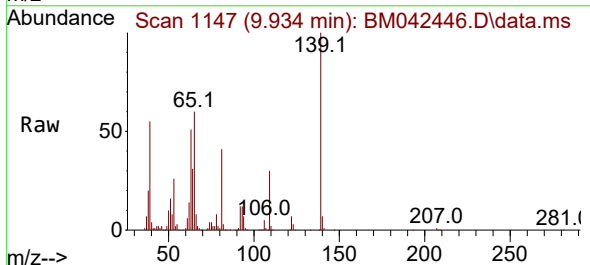
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

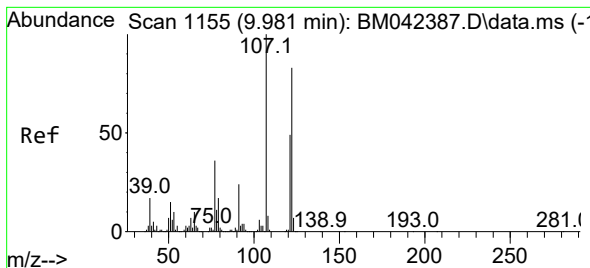
Tgt Ion: 82 Resp: 978304
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 16.0 11.8 17.6



#26
2-Nitrophenol
Concen: 50.066 ng
RT: 9.934 min Scan# 1147
Delta R.T. -0.011 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion: 139 Resp: 238246
Ion Ratio Lower Upper
139 100
109 29.8 22.3 33.5
65 60.1 51.1 76.7





#27

2,4-Dimethylphenol

Concen: 44.284 ng

RT: 9.975 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

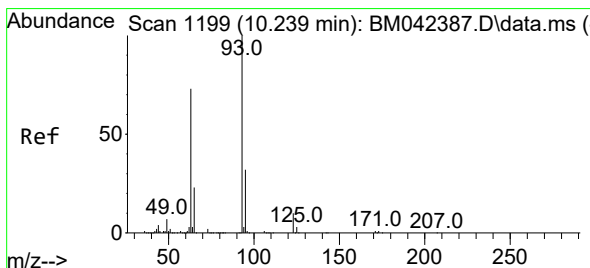
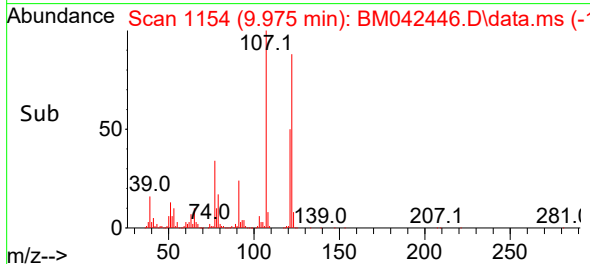
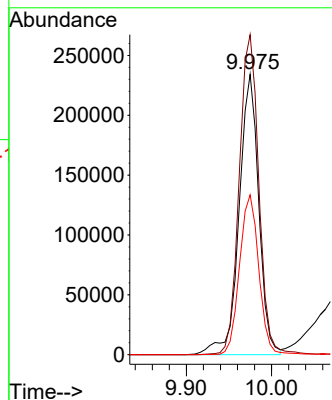
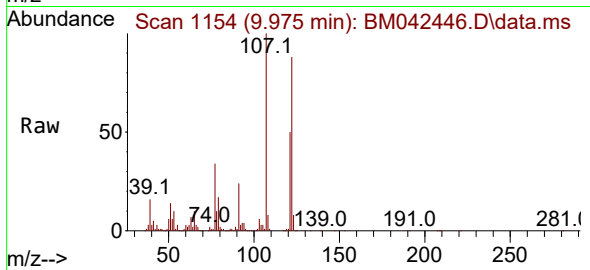
Tgt Ion:122 Resp: 376330

Ion Ratio Lower Upper

122 100

107 114.1 96.3 144.5

121 57.0 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.069 ng

RT: 10.228 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

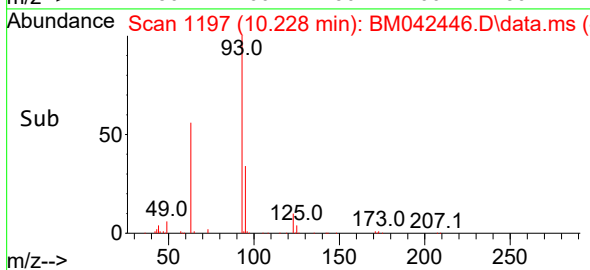
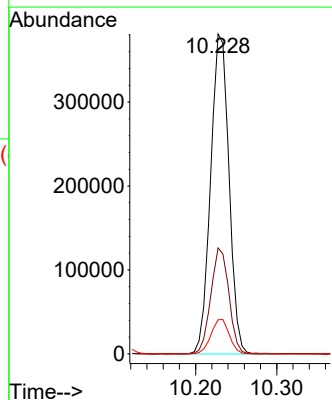
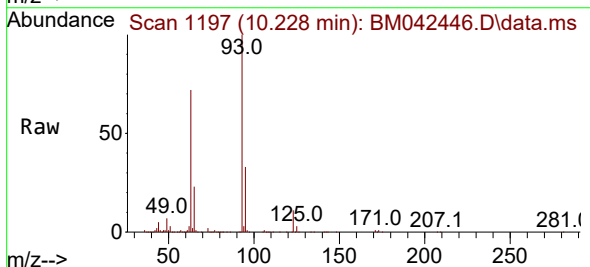
Tgt Ion: 93 Resp: 598232

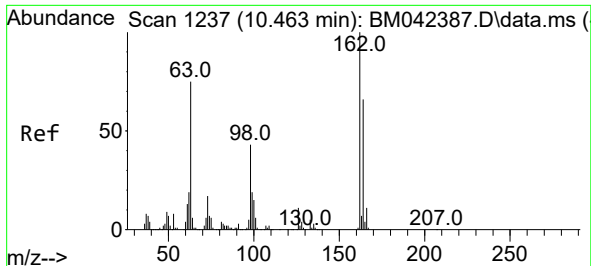
Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.6

123 10.7 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 55.811 ng

RT: 10.457 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

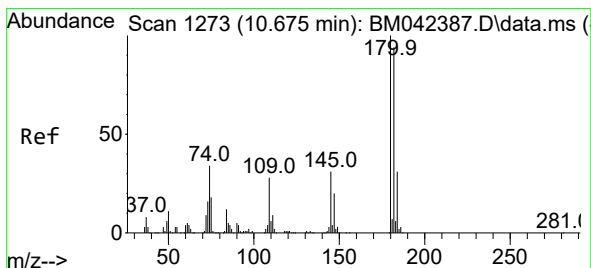
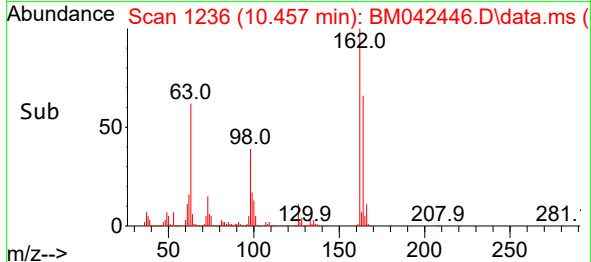
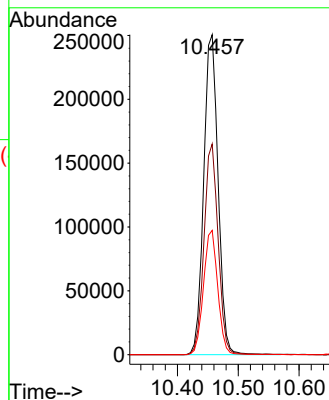
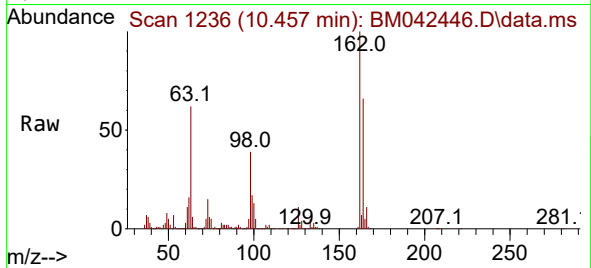
Tgt Ion:162 Resp: 412454

Ion Ratio Lower Upper

162 100

164 65.8 45.9 85.9

98 38.8 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 56.151 ng

RT: 10.663 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

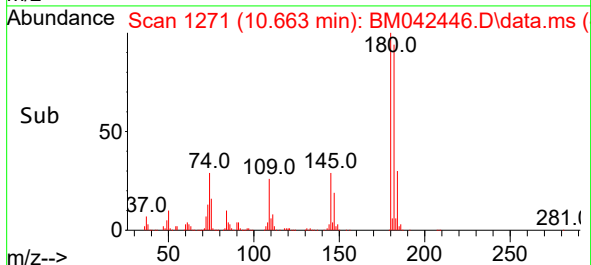
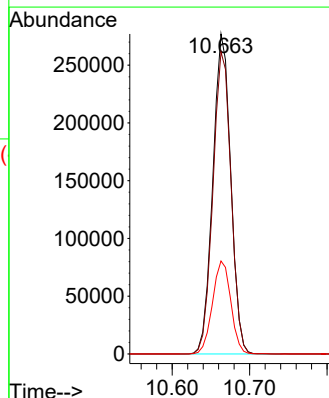
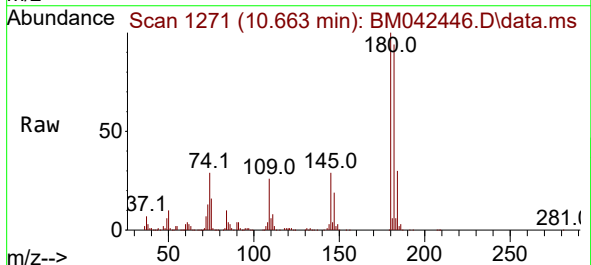
Tgt Ion:180 Resp: 444866

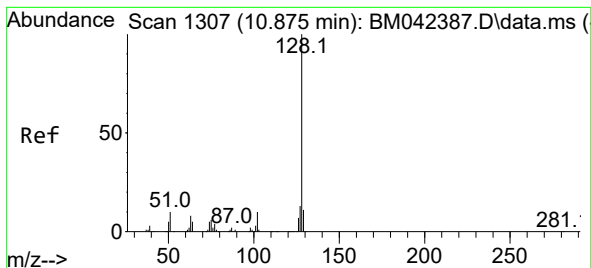
Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.4

145 29.1 24.6 36.8





#31

Naphthalene

Concen: 48.503 ng

RT: 10.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

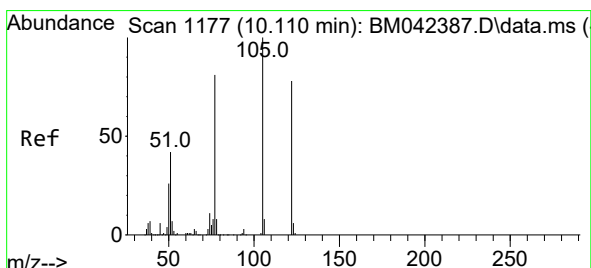
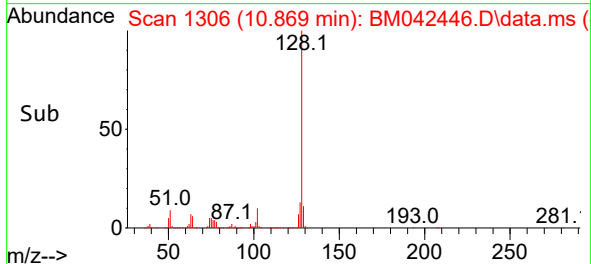
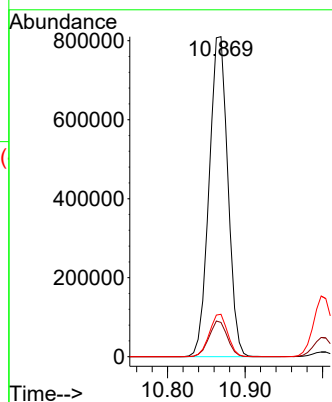
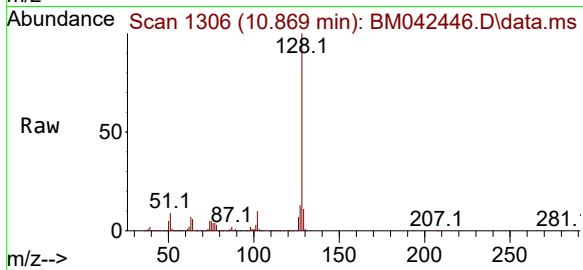
Tgt Ion:128 Resp: 1358115

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 13.2 10.4 15.6



#32

Benzoic acid

Concen: 52.607 ng

RT: 10.116 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

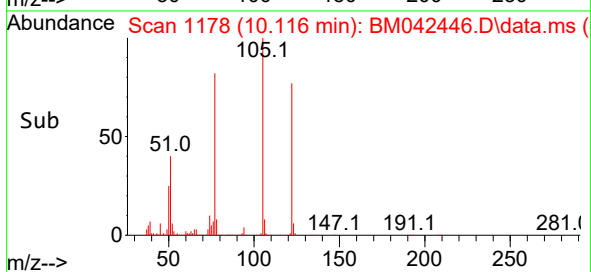
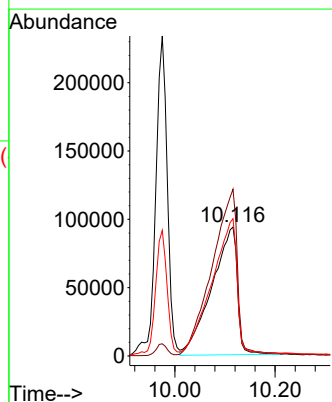
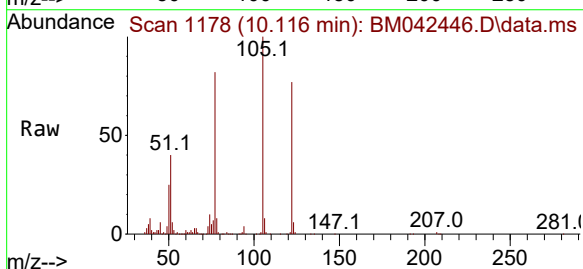
Tgt Ion:122 Resp: 330552

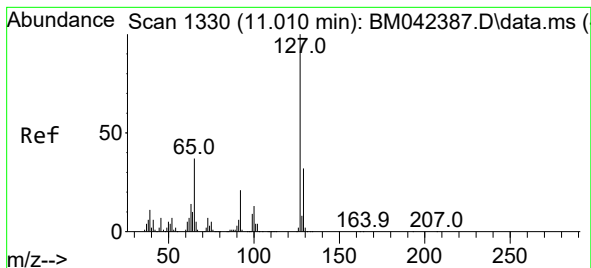
Ion Ratio Lower Upper

122 100

105 129.3 104.9 144.9

77 106.5 83.4 123.4





#33

4-Chloroaniline

Concen: 22.019 ng

RT: 10.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

Tgt Ion:127 Resp: 267687

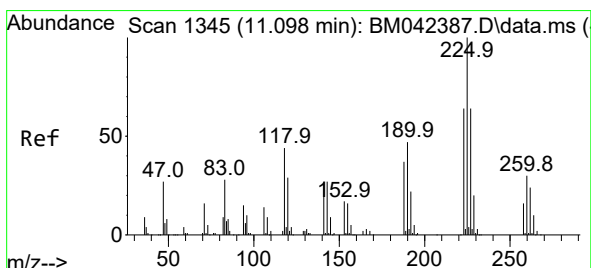
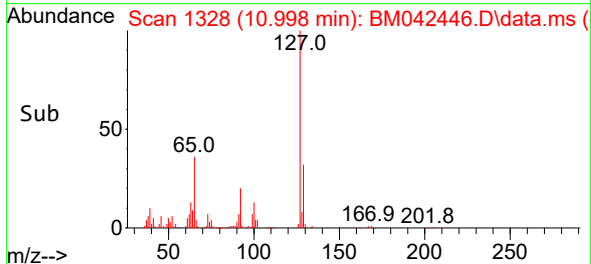
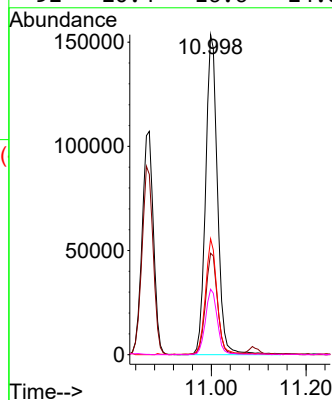
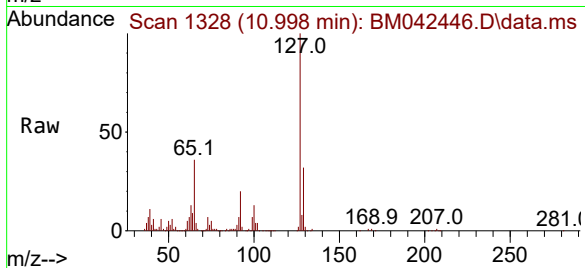
Ion Ratio Lower Upper

127 100

129 31.7 25.3 37.9

65 36.2 29.6 44.4

92 20.4 16.6 24.8



#34

Hexachlorobutadiene

Concen: 62.504 ng

RT: 11.092 min Scan# 1344

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

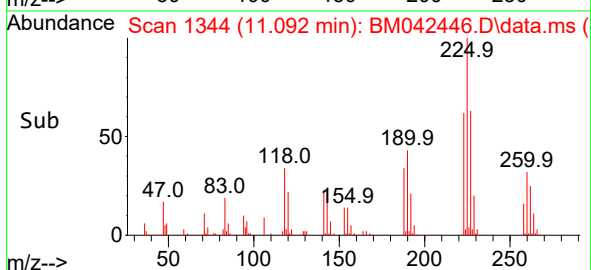
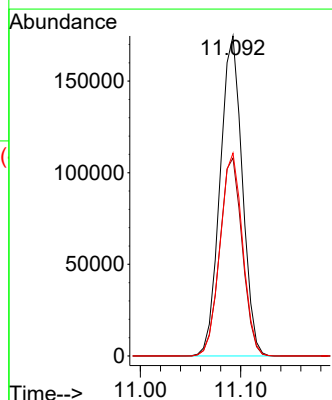
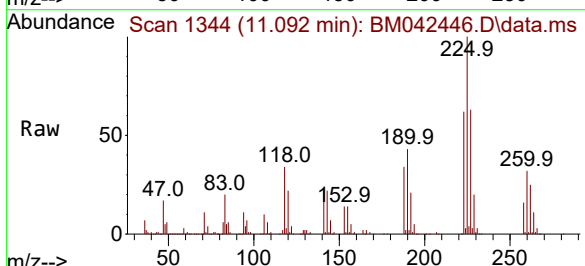
Tgt Ion:225 Resp: 267966

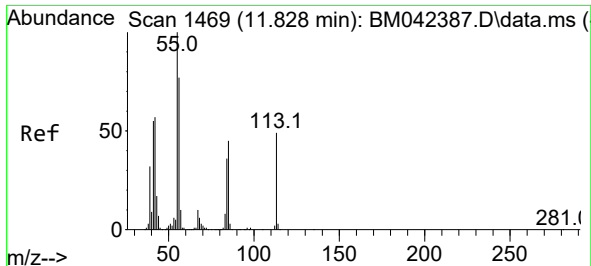
Ion Ratio Lower Upper

225 100

223 61.9 51.5 77.3

227 63.4 51.3 76.9

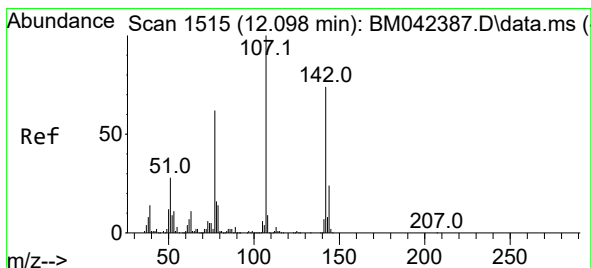
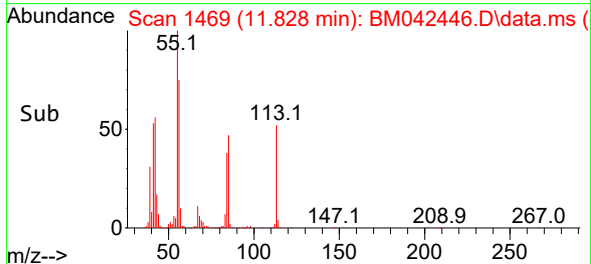
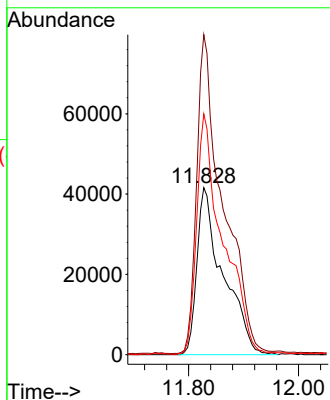
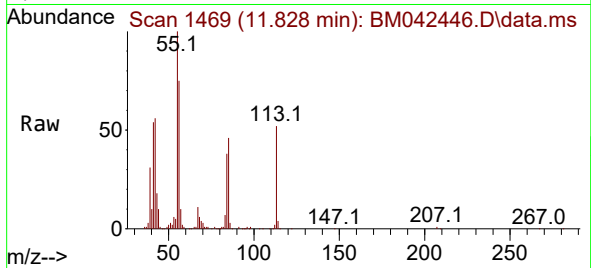




#35
Caprolactam
Concen: 47.147 ng
RT: 11.828 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

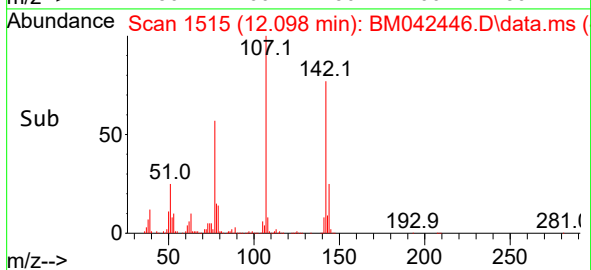
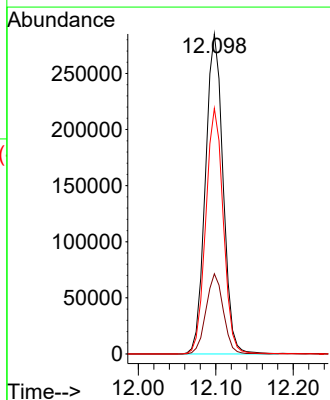
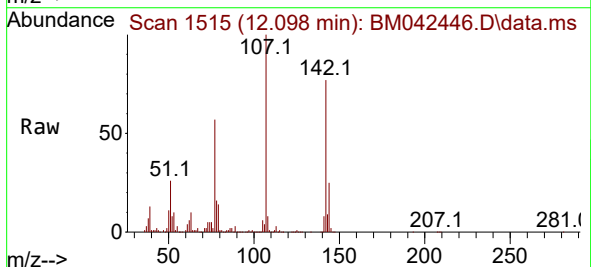
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

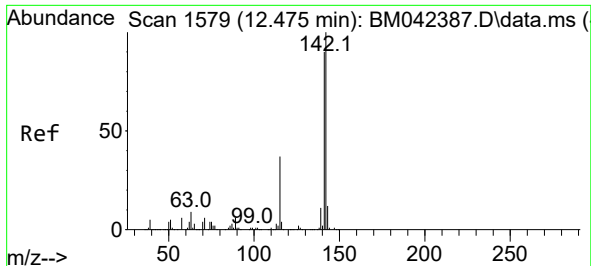
Tgt Ion:113 Resp: 137957
Ion Ratio Lower Upper
113 100
55 191.6 185.6 225.6
56 144.1 137.8 177.8



#36
4-Chloro-3-methylphenol
Concen: 50.600 ng
RT: 12.098 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:107 Resp: 451263
Ion Ratio Lower Upper
107 100
144 25.1 18.9 28.3
142 76.8 59.2 88.8





#37

2-Methylnaphthalene

Concen: 48.167 ng

RT: 12.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

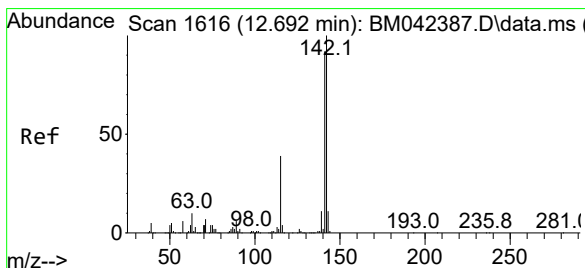
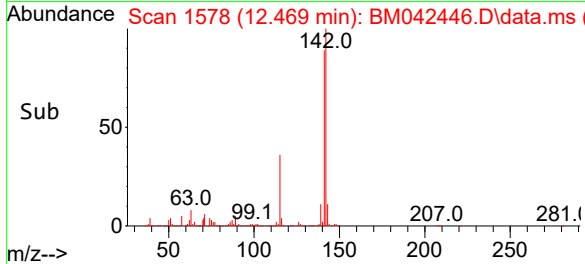
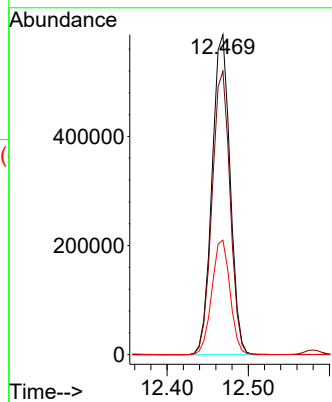
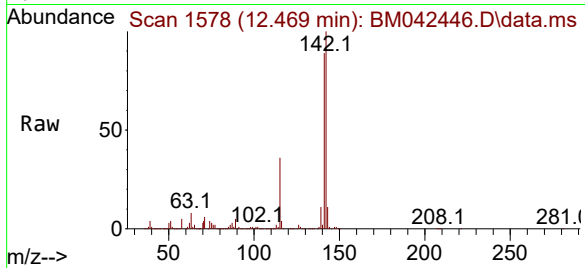
Tgt Ion:142 Resp: 907916

Ion Ratio Lower Upper

142 100

141 88.6 72.0 108.0

115 35.8 29.4 44.2



#38

1-Methylnaphthalene

Concen: 49.911 ng

RT: 12.686 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

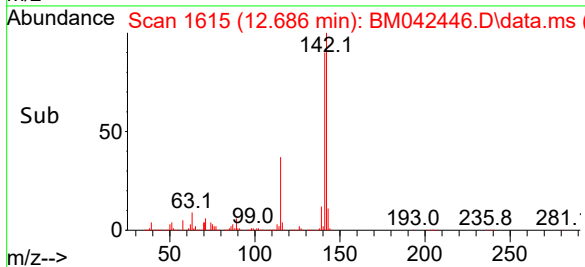
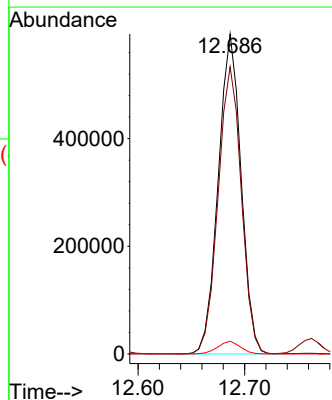
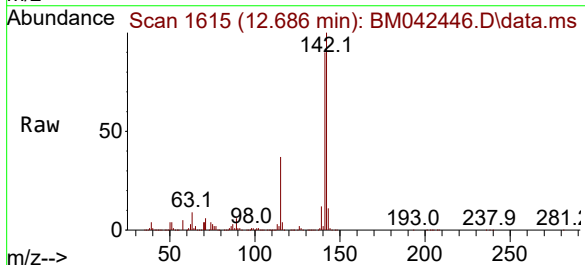
Tgt Ion:142 Resp: 881334

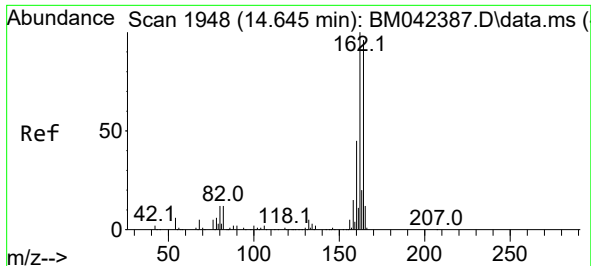
Ion Ratio Lower Upper

142 100

141 89.7 73.8 110.6

116 4.0 3.3 4.9

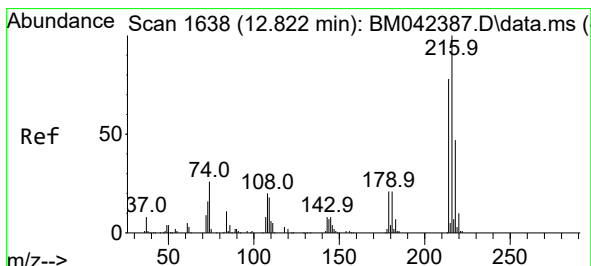
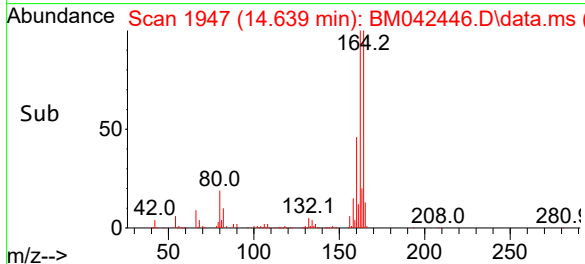
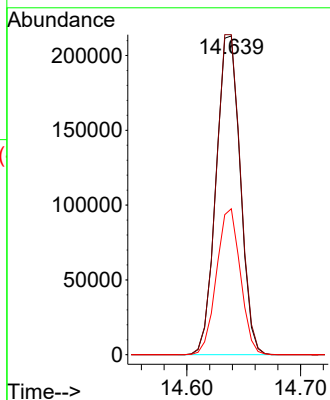
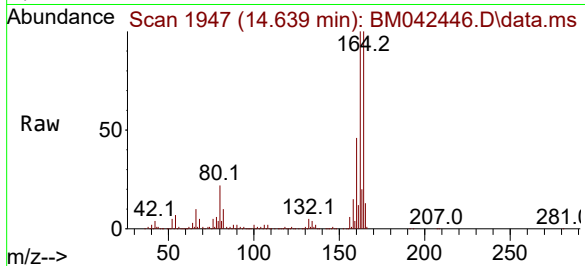




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

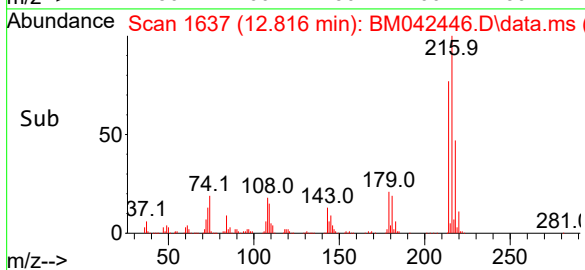
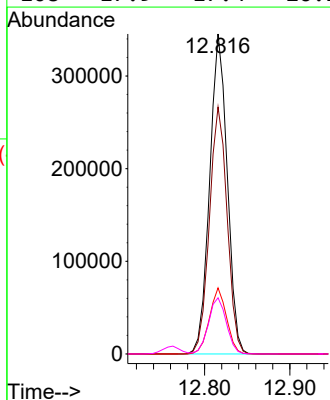
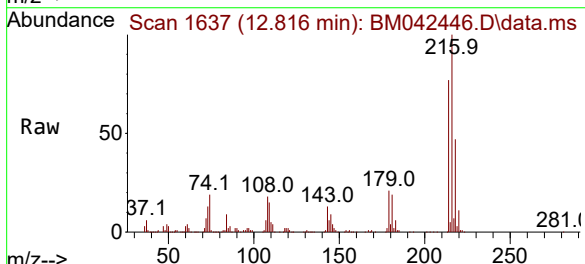
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

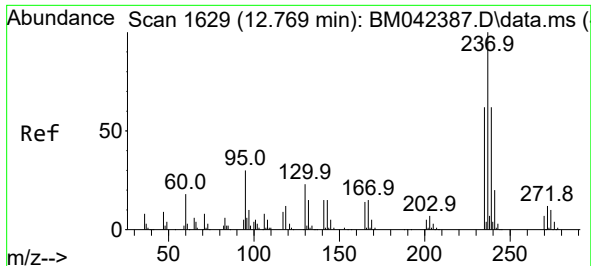
Tgt Ion:164 Resp: 314402
Ion Ratio Lower Upper
164 100
162 100.4 83.0 124.4
160 45.8 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.389 ng
RT: 12.816 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:216 Resp: 494352
Ion Ratio Lower Upper
216 100
214 77.9 63.0 94.4
179 20.1 17.2 25.8
108 17.9 17.4 26.2

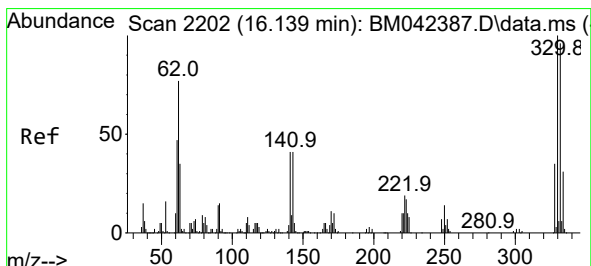
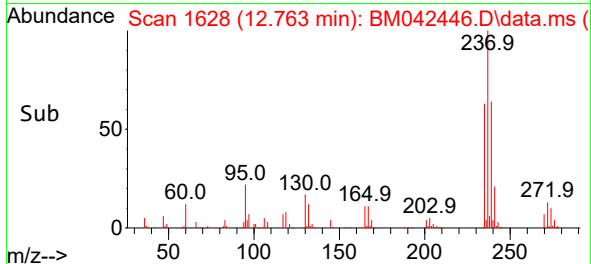
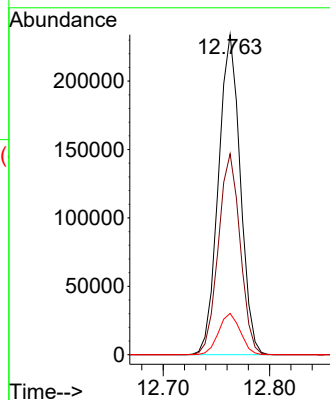
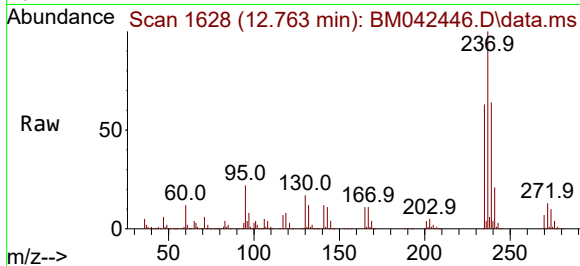




#41
Hexachlorocyclopentadiene
Concen: 68.218 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

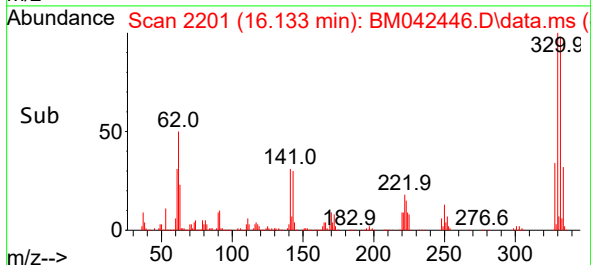
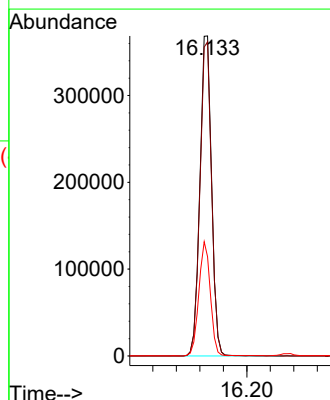
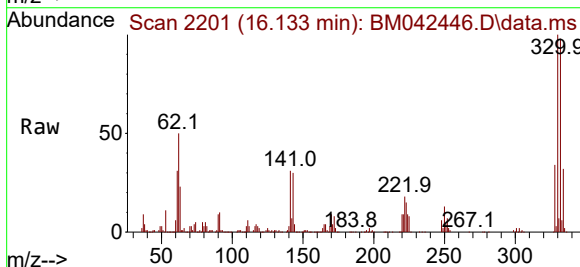
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

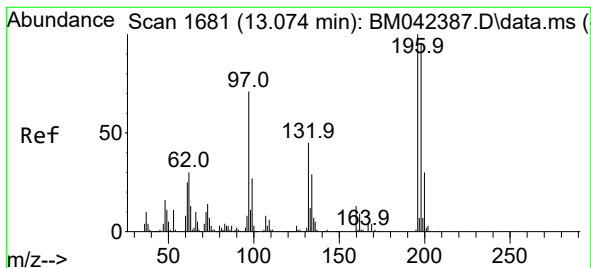
Tgt Ion:237 Resp: 332669
Ion Ratio Lower Upper
237 100
235 62.8 41.5 81.5
272 12.9 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 145.111 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:330 Resp: 507864
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 35.1 38.0 57.0#





#43

2,4,6-Trichlorophenol

Concen: 55.367 ng

RT: 13.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042446.D

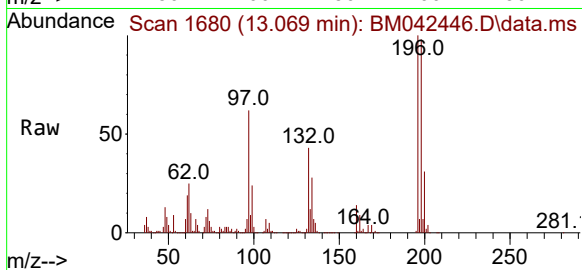
Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS



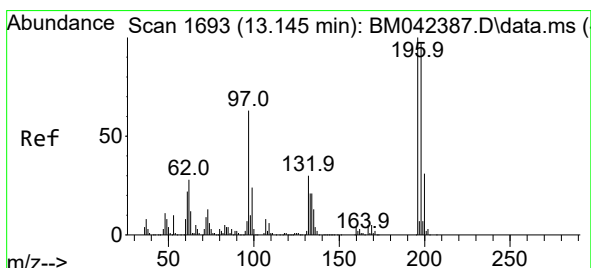
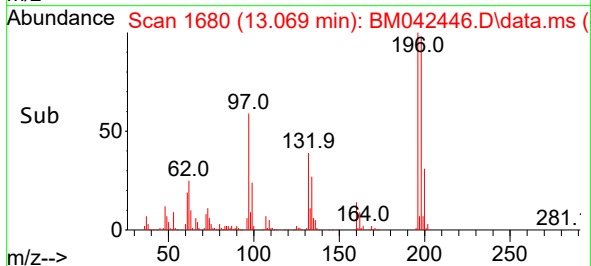
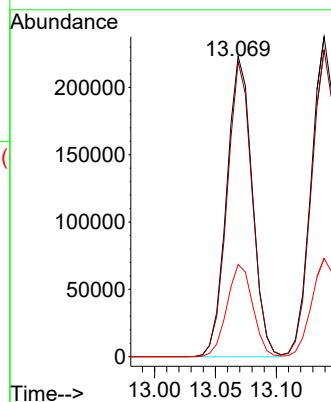
Tgt Ion:196 Resp: 325773

Ion Ratio Lower Upper

196 100

198 98.2 76.3 114.5

200 30.7 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 50.628 ng

RT: 13.139 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Tgt Ion:196 Resp: 352138

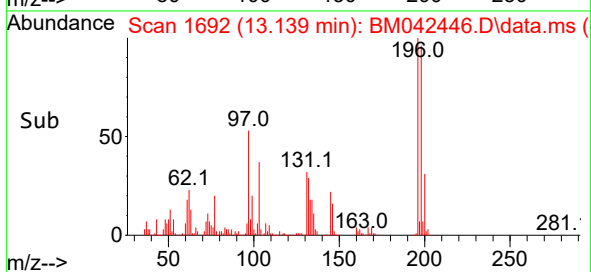
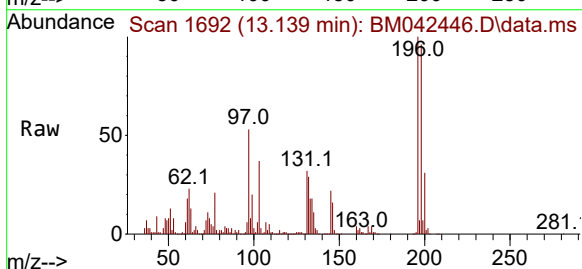
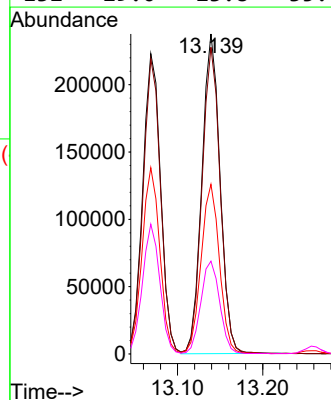
Ion Ratio Lower Upper

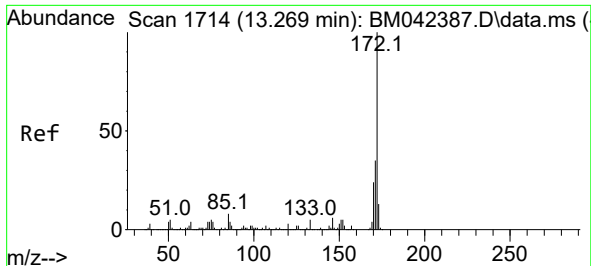
196 100

198 95.9 77.9 116.9

97 53.0 50.9 76.3

132 29.0 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 78.364 ng

RT: 13.257 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

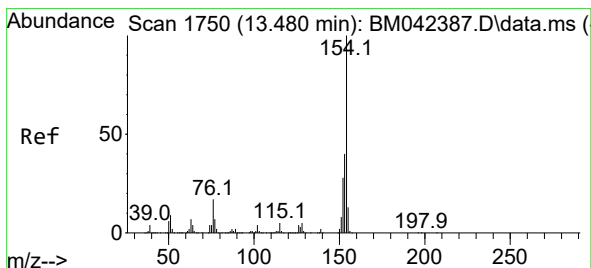
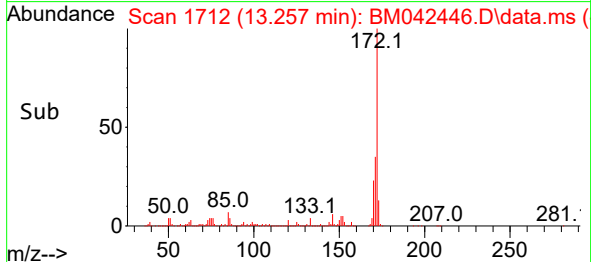
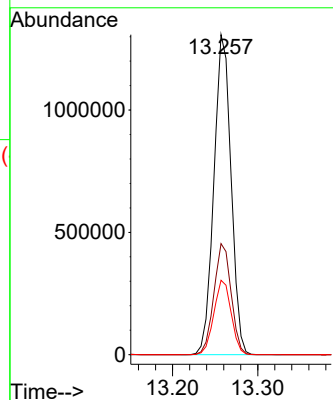
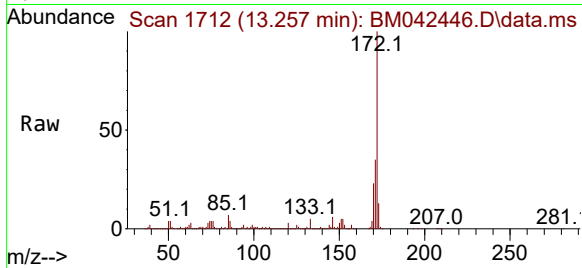
Tgt Ion:172 Resp: 1829607

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 47.893 ng

RT: 13.475 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

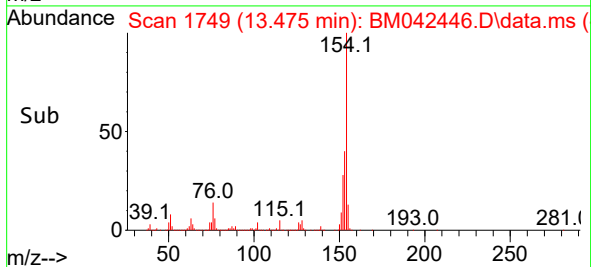
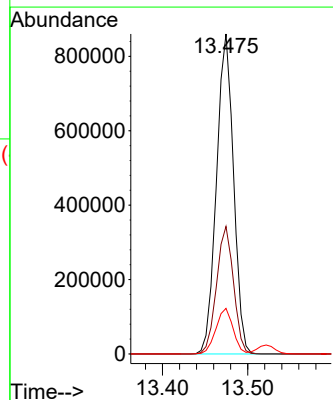
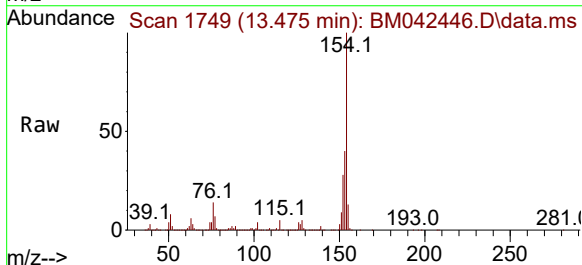
Tgt Ion:154 Resp: 1194534

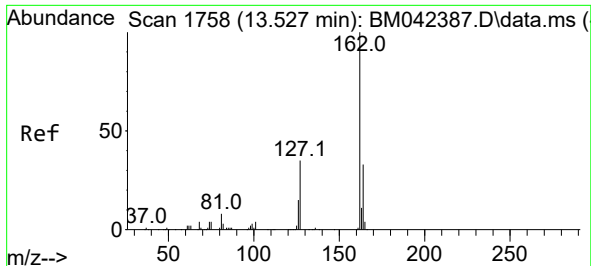
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 14.2 0.0 36.9

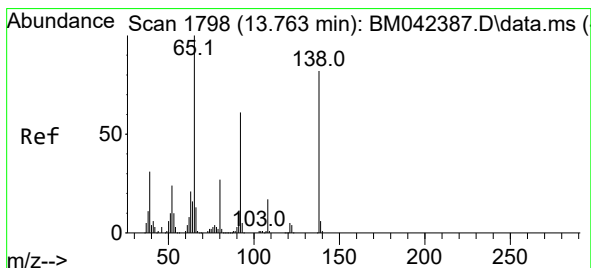
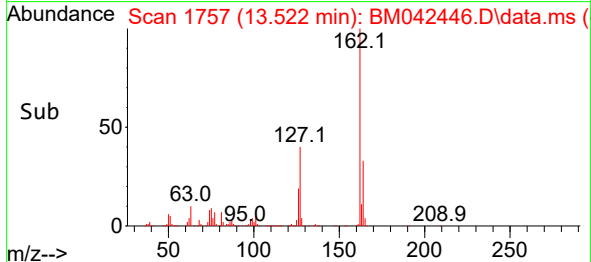
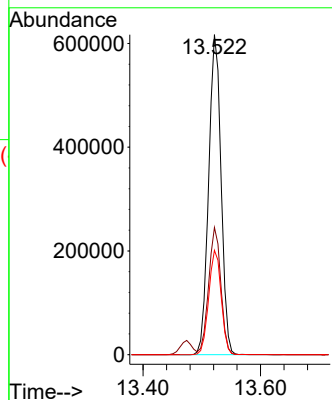
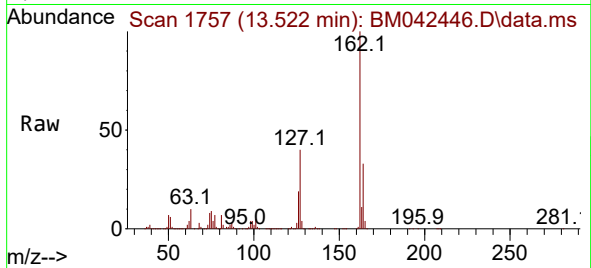




#47
2-Chloronaphthalene
Concen: 49.146 ng
RT: 13.522 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

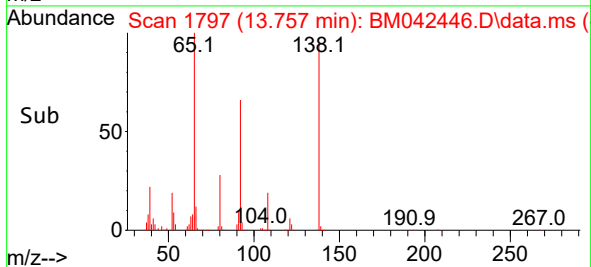
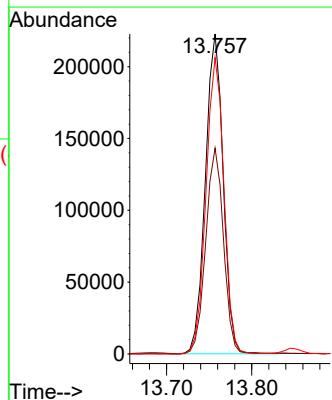
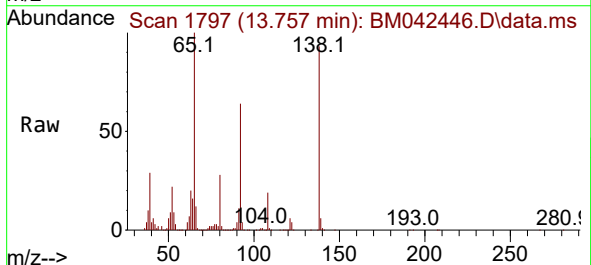
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

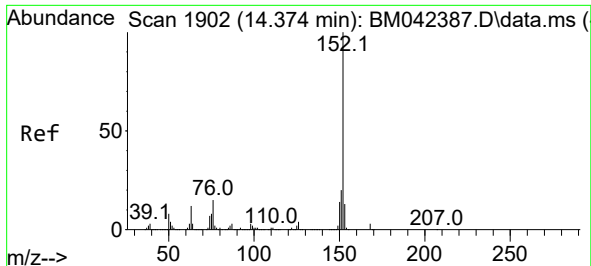
Tgt Ion:162 Resp: 899296
Ion Ratio Lower Upper
162 100
127 39.8 32.2 48.2
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 40.549 ng
RT: 13.757 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion: 65 Resp: 322872
Ion Ratio Lower Upper
65 100
92 64.3 49.0 73.6
138 92.6 65.5 98.3





#49

Acenaphthylene

Concen: 50.663 ng

RT: 14.369 min Scan# 1901

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

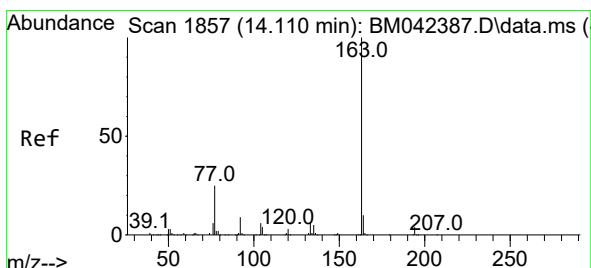
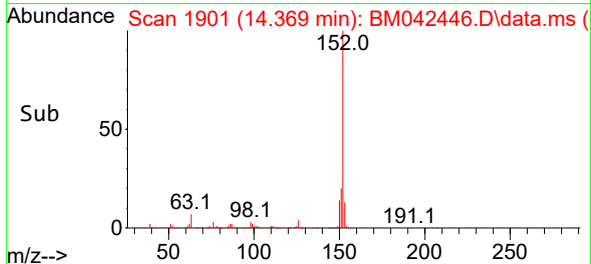
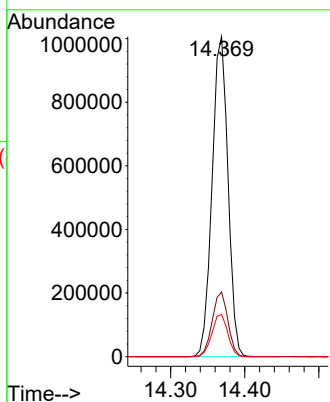
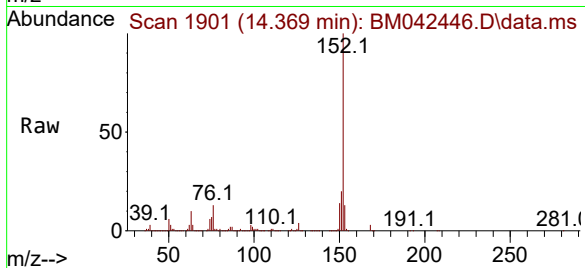
Tgt Ion:152 Resp: 1496677

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 47.695 ng

RT: 14.104 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

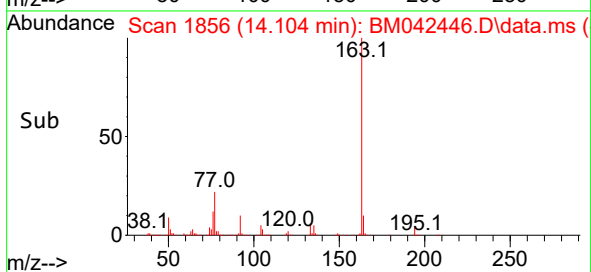
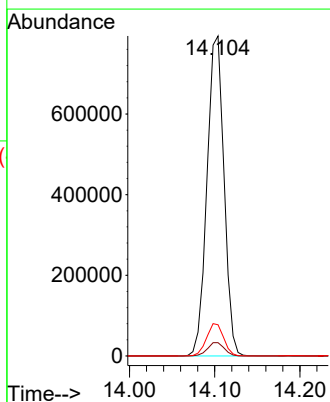
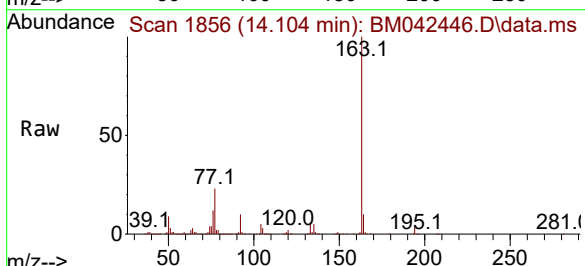
Tgt Ion:163 Resp: 1099929

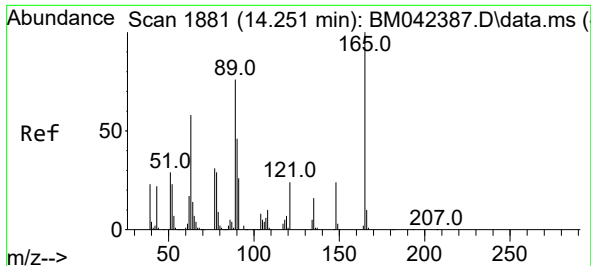
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

164 9.8 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 45.875 ng

RT: 14.245 min Scan# 1881

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

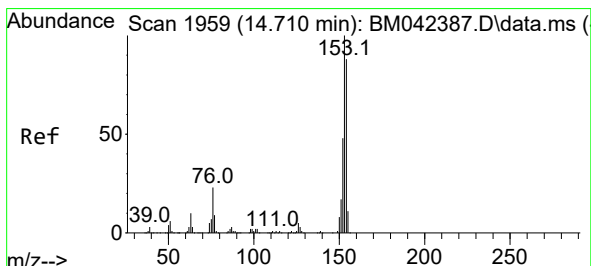
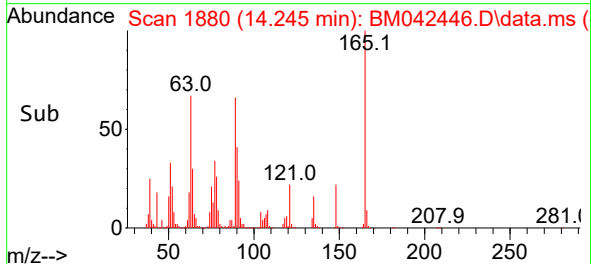
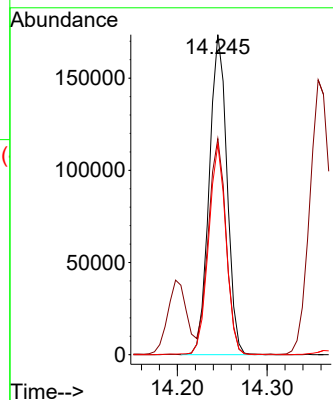
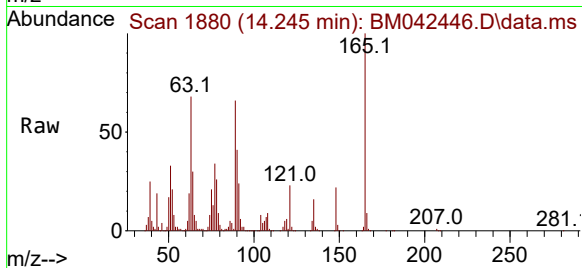
Tgt Ion:165 Resp: 238168

Ion Ratio Lower Upper

165 100

63 67.5 65.3 97.9

89 65.8 60.6 91.0



#52

Acenaphthene

Concen: 47.778 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

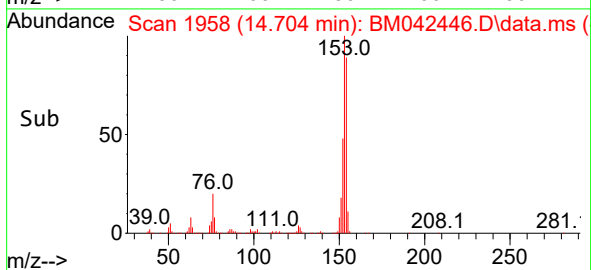
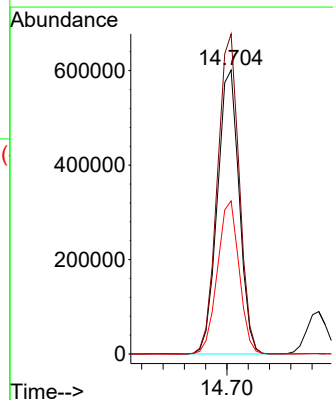
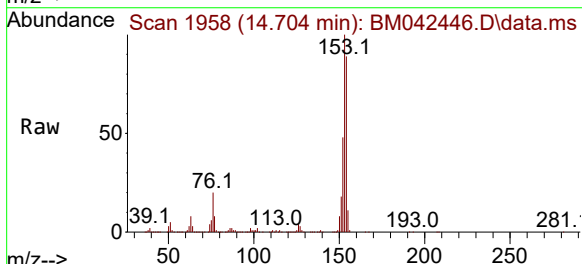
Tgt Ion:154 Resp: 853328

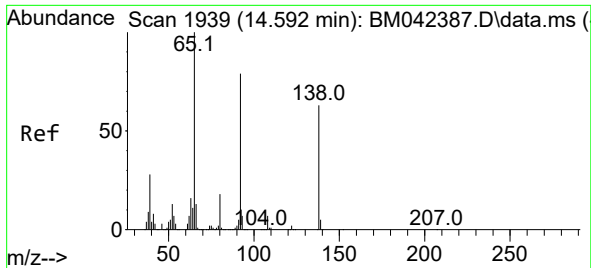
Ion Ratio Lower Upper

154 100

153 112.7 91.1 136.7

152 54.0 44.0 66.0

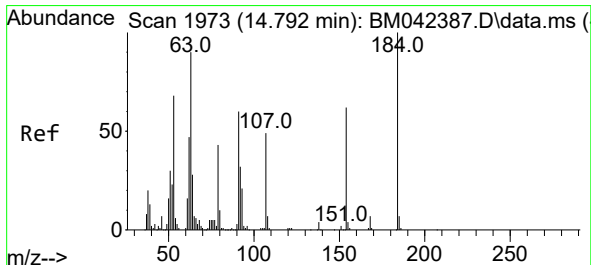
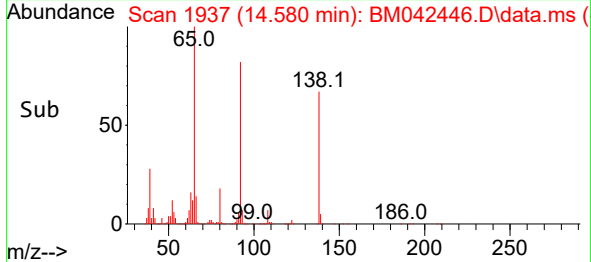
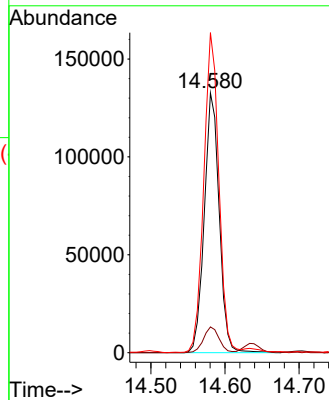
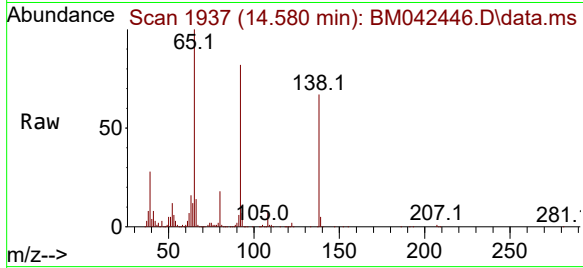




#53
3-Nitroaniline
Concen: 31.398 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

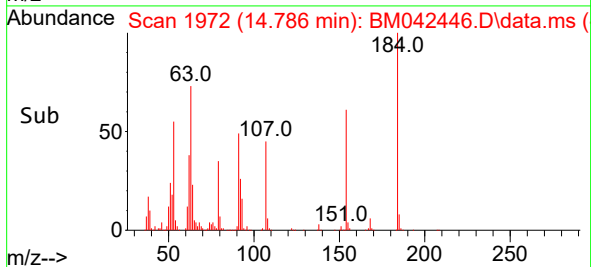
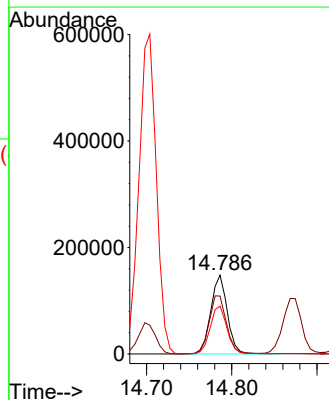
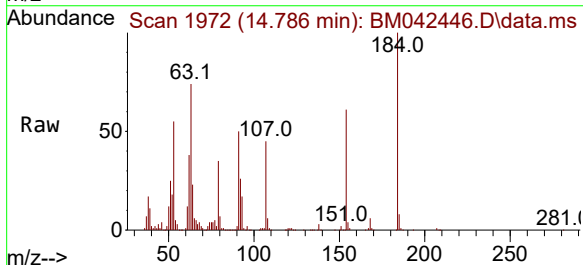
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

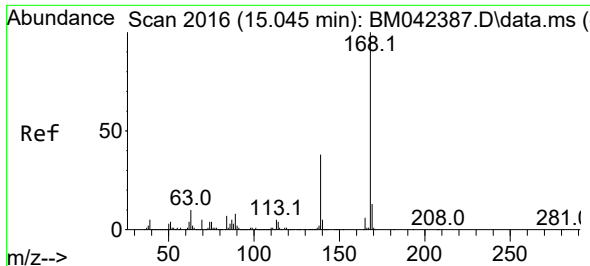
Tgt Ion:138 Resp: 186380
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 123.2 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 63.656 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:184 Resp: 199325
Ion Ratio Lower Upper
184 100
63 73.5 72.2 108.2
154 60.6 49.6 74.4

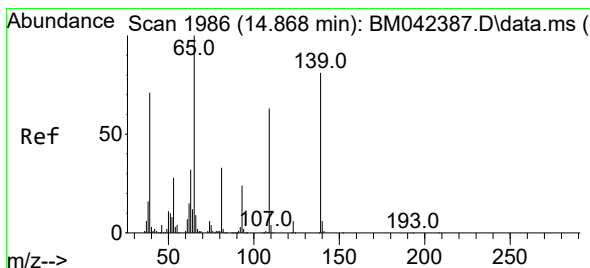
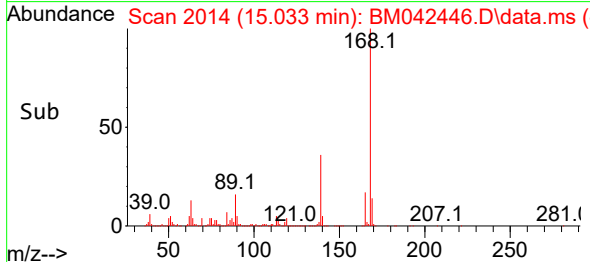
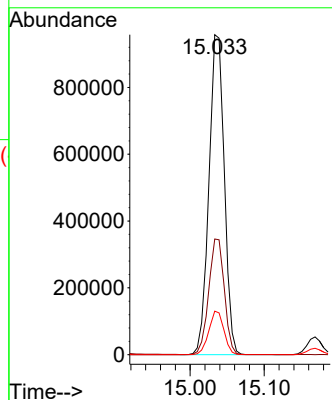
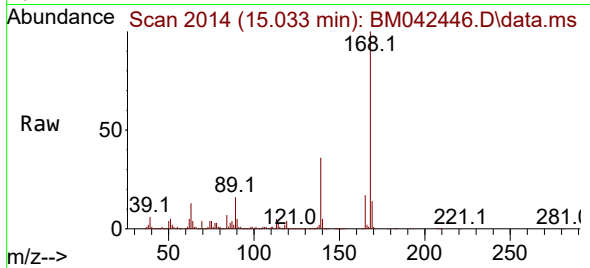




#55
Dibenzenofuran
Concen: 48.801 ng
RT: 15.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

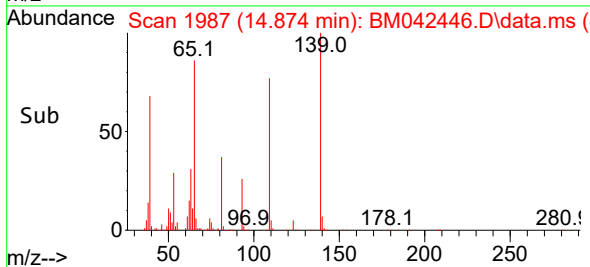
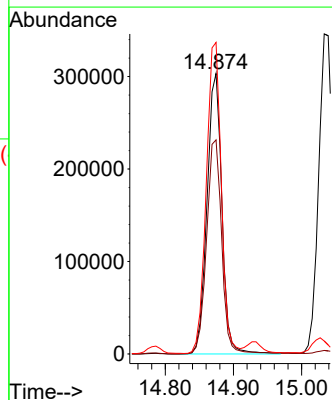
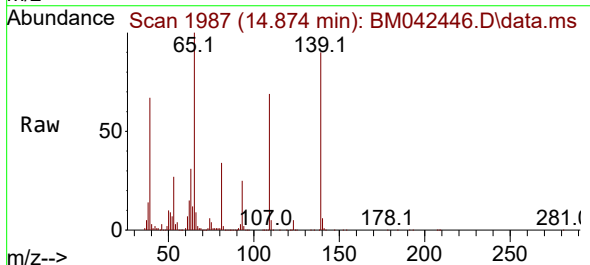
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

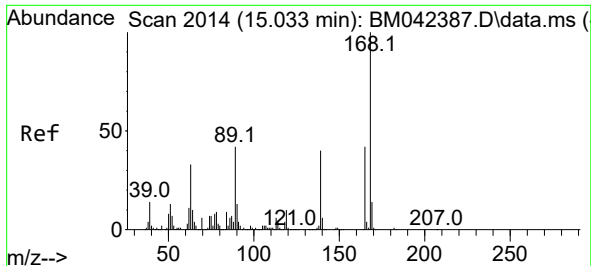
Tgt Ion:168 Resp: 1378561
Ion Ratio Lower Upper
168 100
139 36.1 30.6 46.0
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 98.139 ng
RT: 14.874 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:139 Resp: 460948
Ion Ratio Lower Upper
139 100
109 76.3 58.0 98.0
65 111.1 104.2 144.2





#57

2,4-Dinitrotoluene

Concen: 46.915 ng

RT: 15.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042446.D

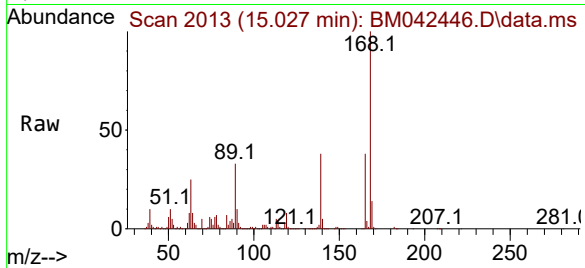
Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS



Tgt Ion:165 Resp: 326032

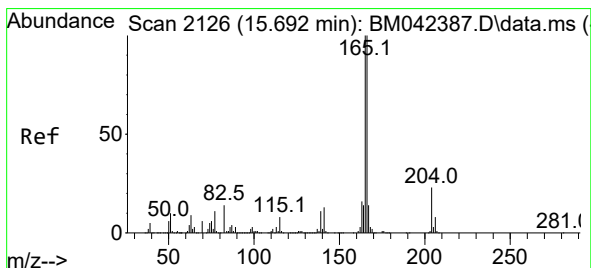
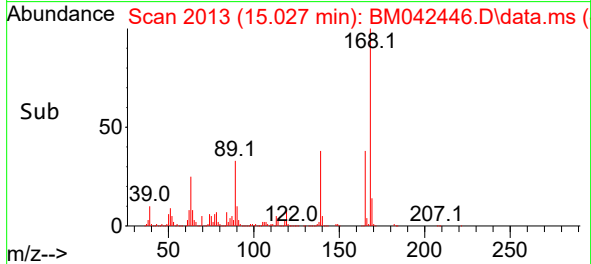
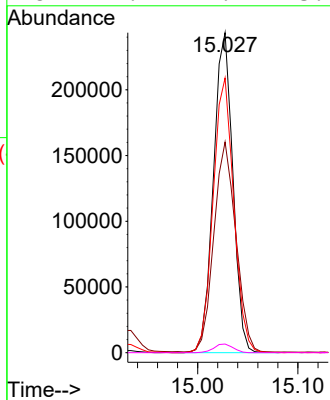
Ion Ratio Lower Upper

165 100

63 65.9 62.9 94.3

89 85.8 80.2 120.2

182 2.7 2.1 3.1



#58

Fluorene

Concen: 49.530 ng

RT: 15.686 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

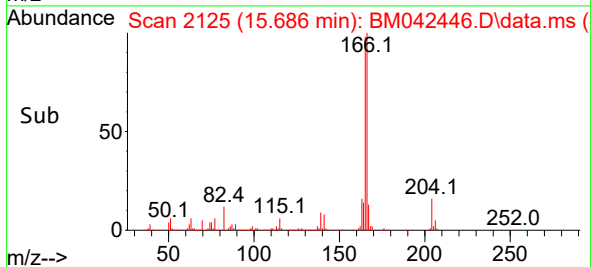
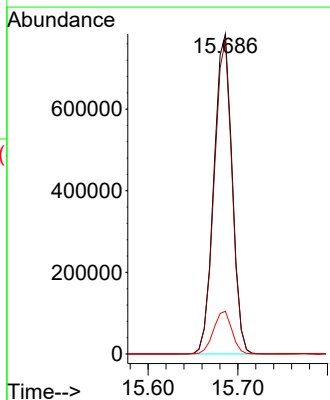
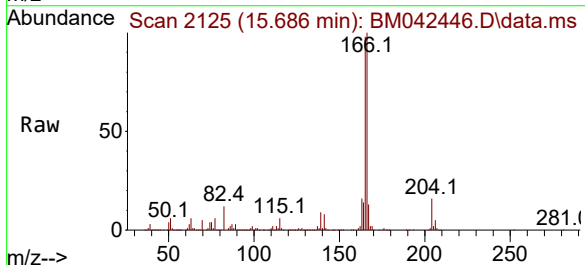
Tgt Ion:166 Resp: 1104084

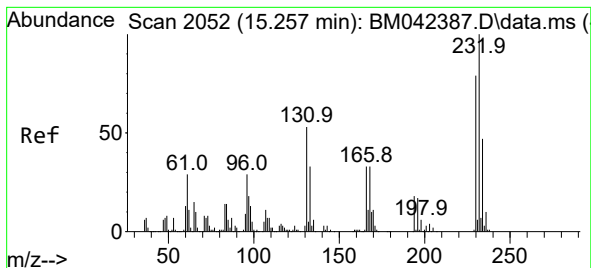
Ion Ratio Lower Upper

166 100

165 98.0 79.6 119.4

167 13.4 10.9 16.3

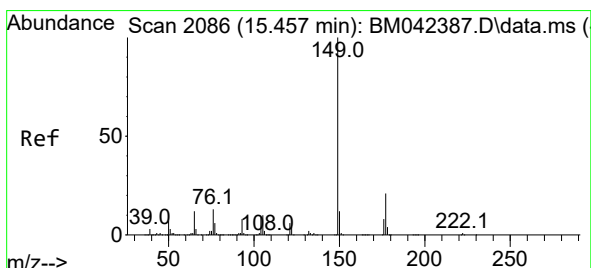
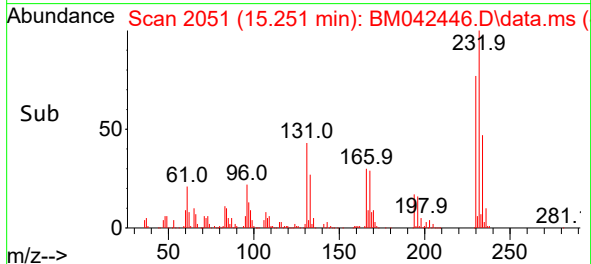
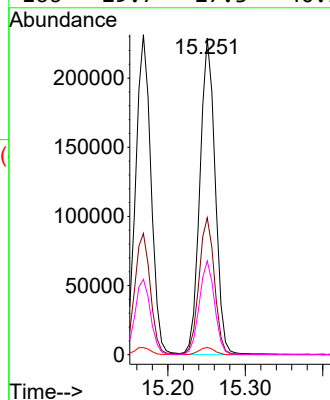
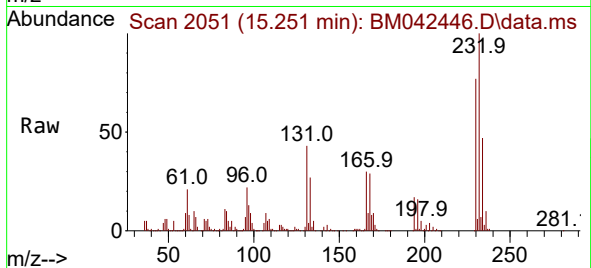




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.866 ng
RT: 15.251 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

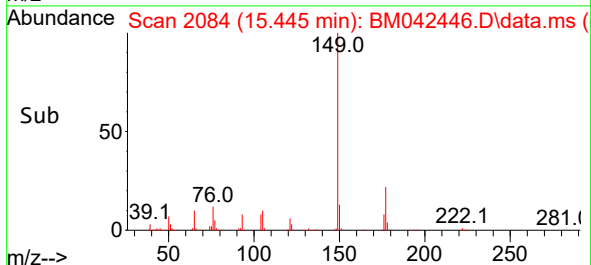
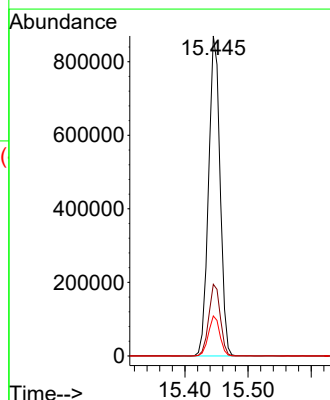
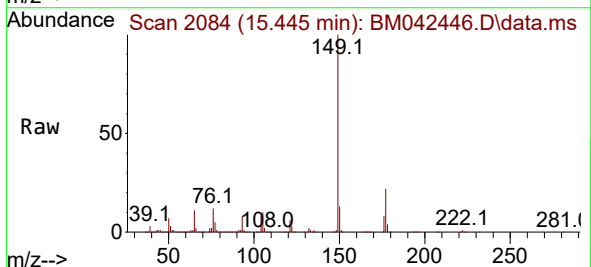
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

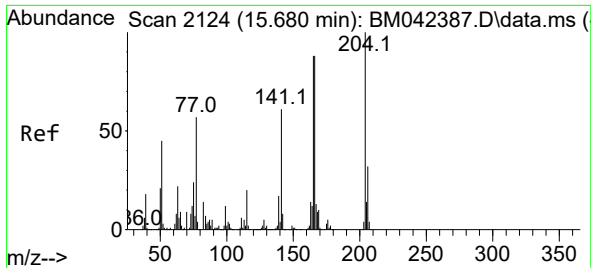
Tgt Ion:232 Resp: 312809
Ion Ratio Lower Upper
232 100
131 43.6 42.8 64.2
130 2.3 2.2 3.2
166 29.7 27.3 40.9



#60
Diethylphthalate
Concen: 48.494 ng
RT: 15.445 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:149 Resp: 1103613
Ion Ratio Lower Upper
149 100
177 22.4 16.7 25.1
150 12.5 9.8 14.6

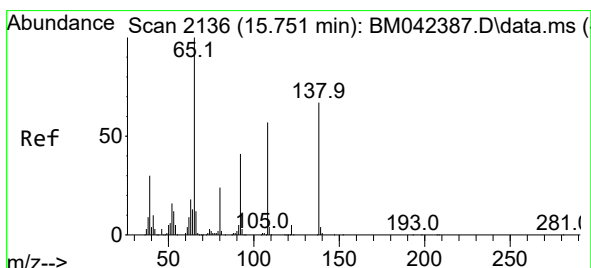
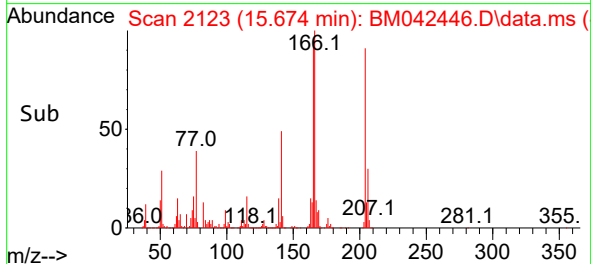
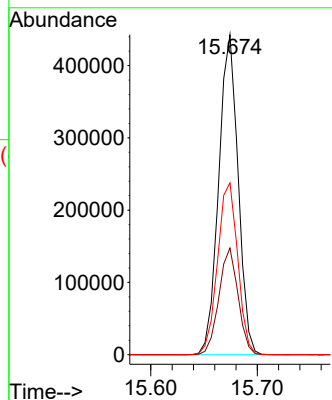
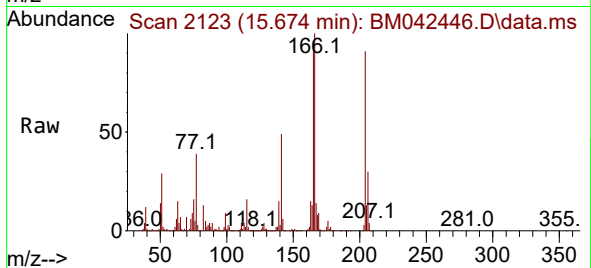




#61
4-Chlorophenyl-phenylether
Concen: 53.269 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

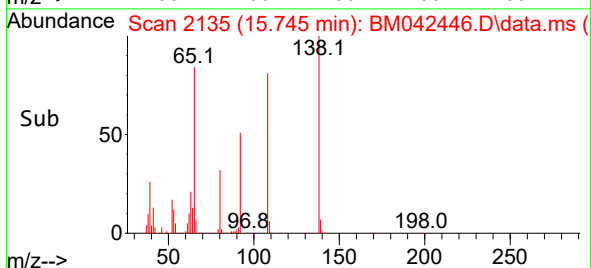
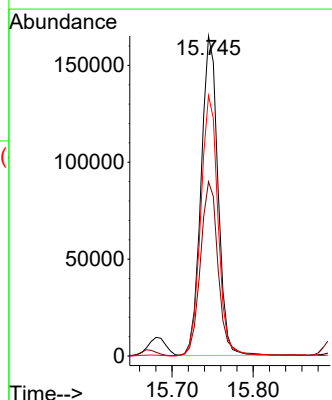
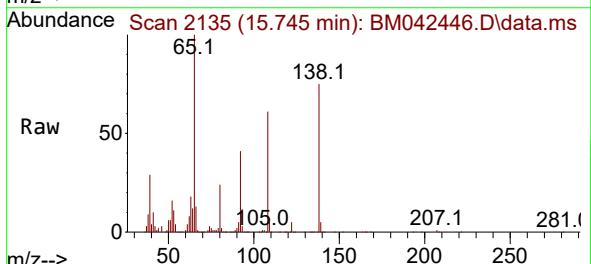
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

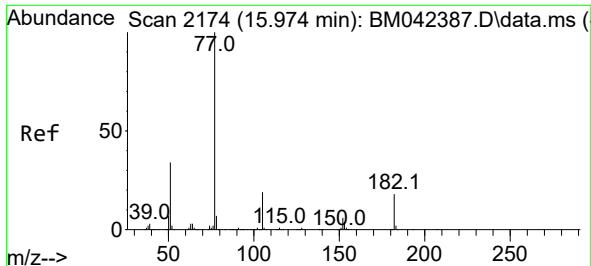
Tgt Ion:204 Resp: 559205
Ion Ratio Lower Upper
204 100
206 33.3 25.4 38.0
141 53.7 49.1 73.7



#62
4-Nitroaniline
Concen: 40.906 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:138 Resp: 238739
Ion Ratio Lower Upper
138 100
92 54.5 40.4 80.4
108 81.4 65.3 105.3

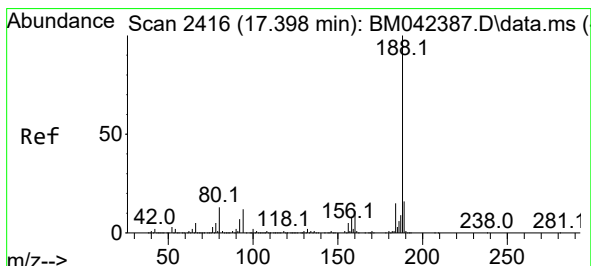
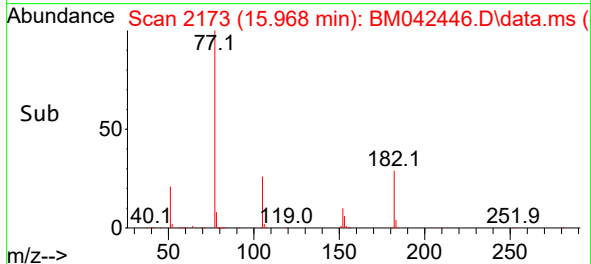
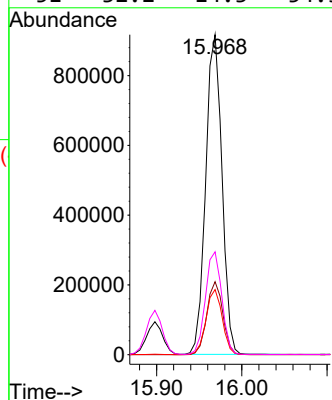
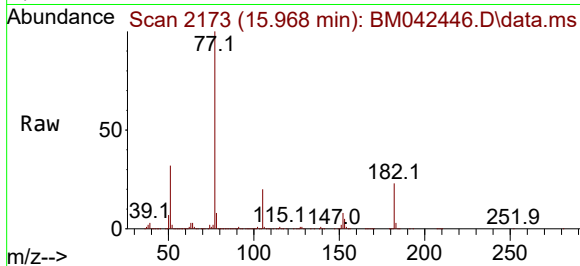




#63
Azobenzene
Concen: 44.564 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

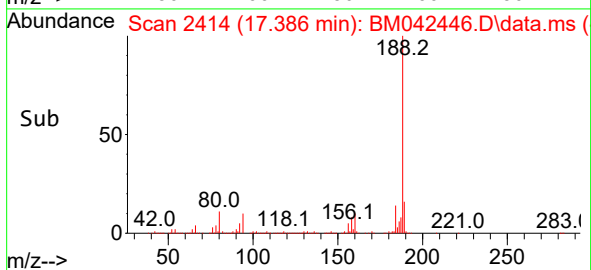
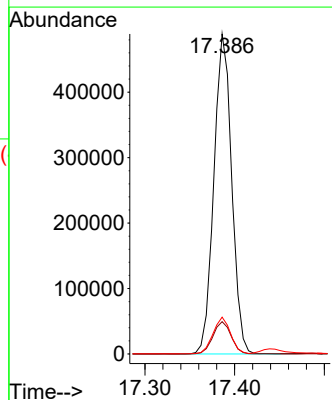
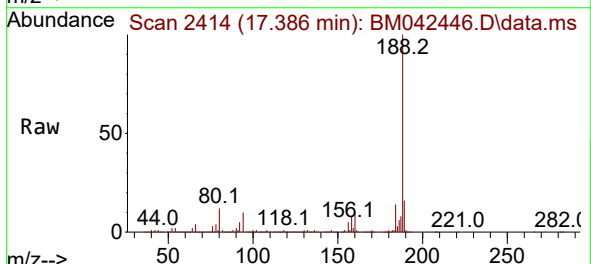
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

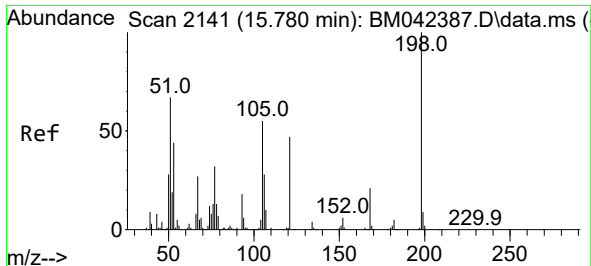
Tgt Ion: 77 Resp: 1216777
Ion Ratio Lower Upper
77 100
182 22.8 0.0 37.7
105 20.4 0.0 38.9
51 32.2 14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:188 Resp: 673944
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.0
80 11.5 10.7 16.1





#65

4,6-Dinitro-2-methylphenol

Concen: 33.430 ng

RT: 15.774 min Scan# 2140

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

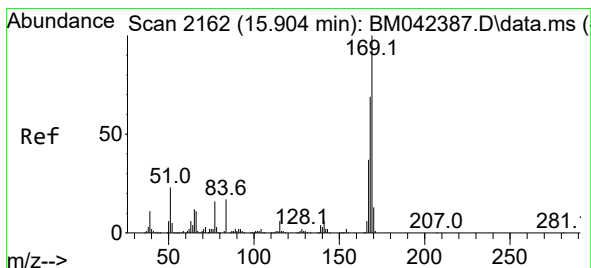
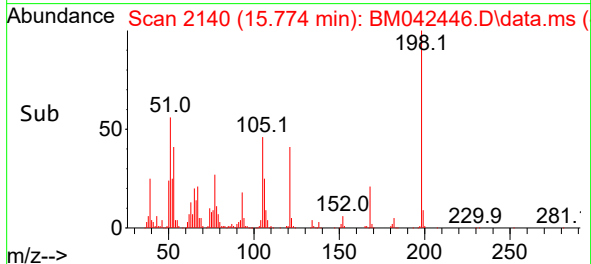
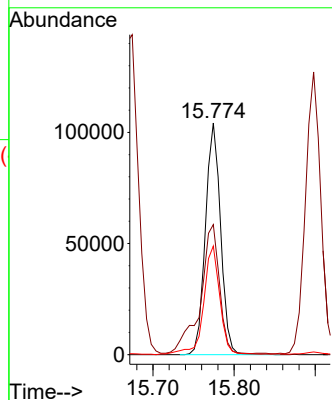
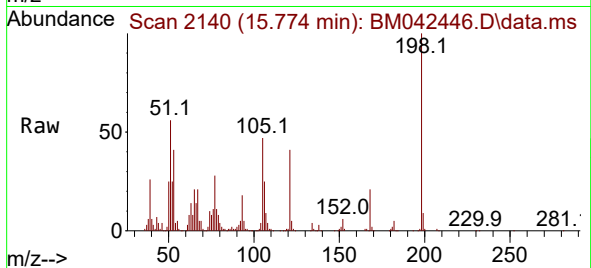
Tgt Ion:198 Resp: 134803

Ion Ratio Lower Upper

198 100

51 56.2 54.1 94.1

105 46.9 35.9 75.9



#66

n-Nitrosodiphenylamine

Concen: 46.554 ng

RT: 15.898 min Scan# 2161

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

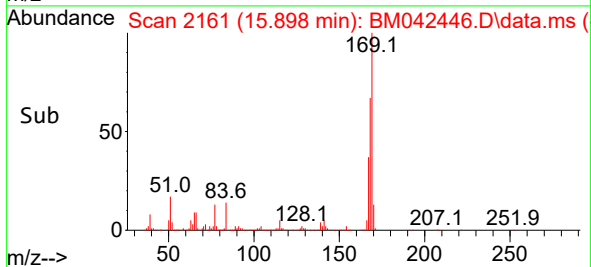
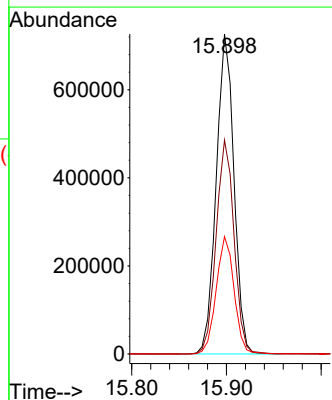
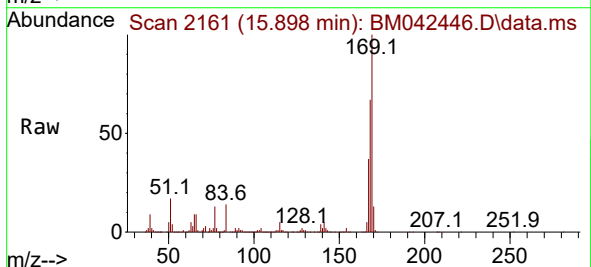
Tgt Ion:169 Resp: 945010

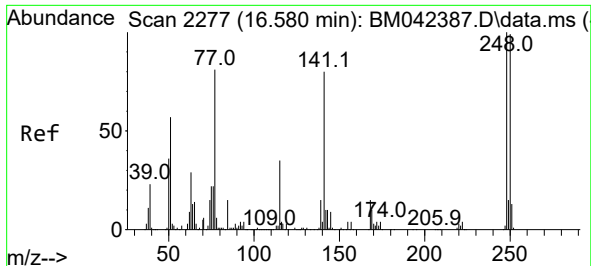
Ion Ratio Lower Upper

169 100

168 66.9 55.4 83.2

167 36.7 29.9 44.9

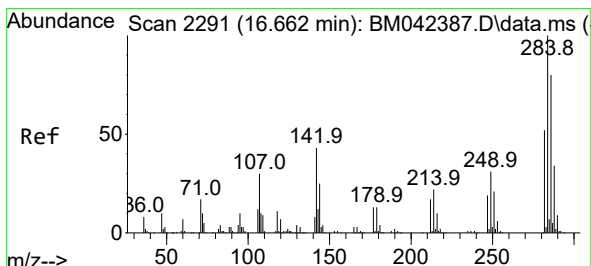
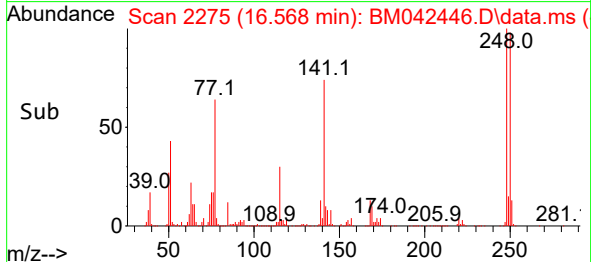
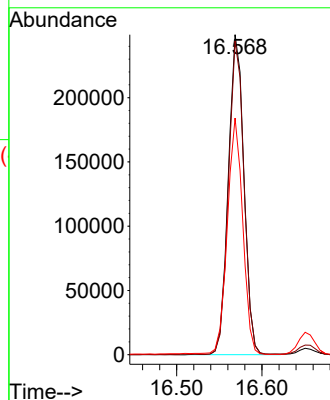
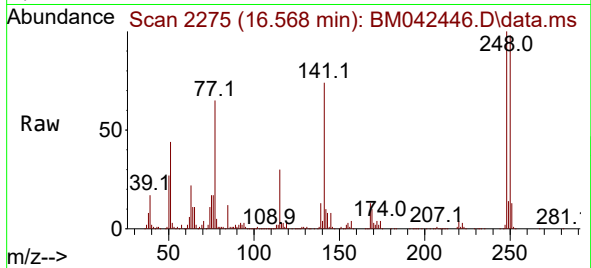




#67
4-Bromophenyl-phenylether
Concen: 50.823 ng
RT: 16.568 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

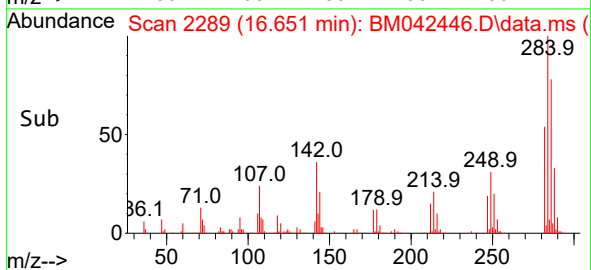
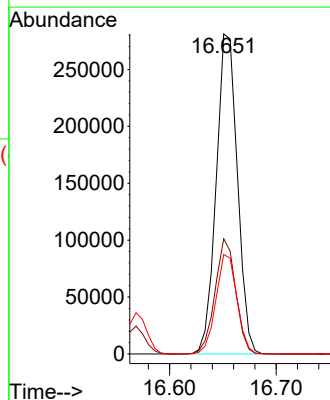
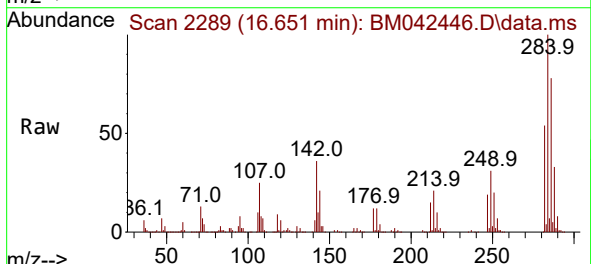
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

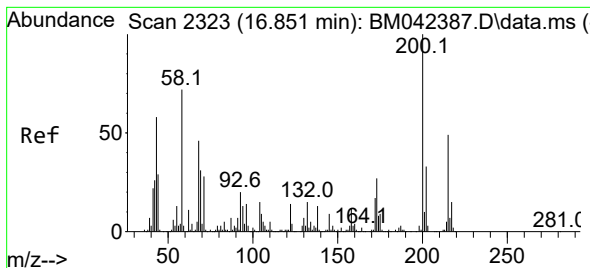
Tgt Ion:248 Resp: 317451
Ion Ratio Lower Upper
248 100
250 98.1 79.4 119.2
141 73.9 64.3 96.5



#68
Hexachlorobenzene
Concen: 58.106 ng
RT: 16.651 min Scan# 2289
Delta R.T. -0.012 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:284 Resp: 387954
Ion Ratio Lower Upper
284 100
142 36.0 34.2 51.2
249 31.1 24.7 37.1





#69

Atrazine

Concen: 67.462 ng

RT: 16.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042446.D

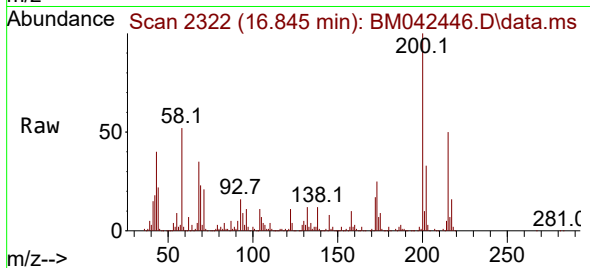
Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS



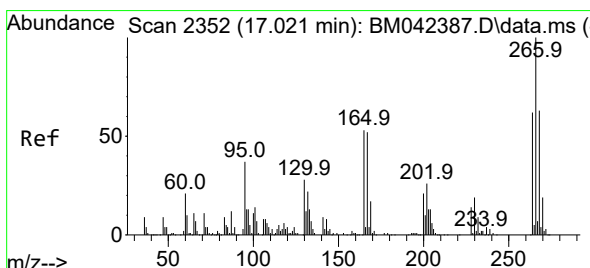
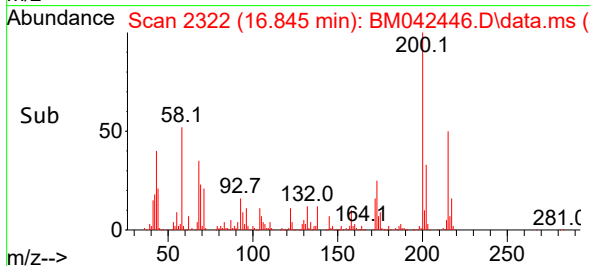
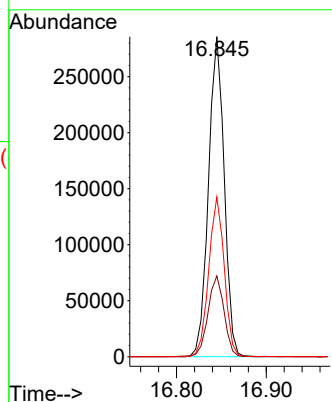
Tgt Ion:200 Resp: 347271

Ion Ratio Lower Upper

200 100

173 25.2 6.6 46.6

215 49.9 28.6 68.6



#70

Pentachlorophenol

Concen: 99.526 ng

RT: 17.015 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

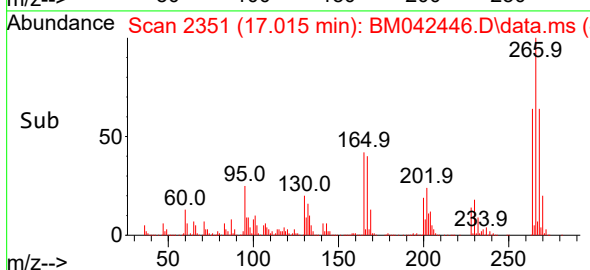
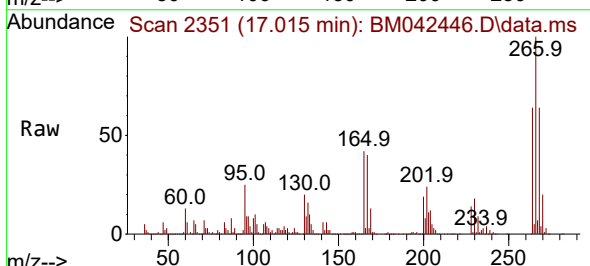
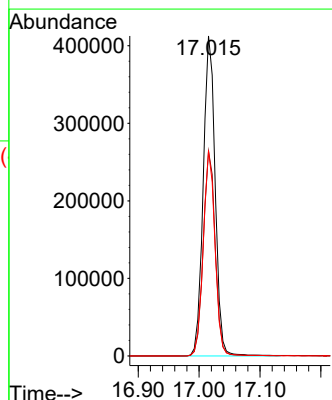
Tgt Ion:266 Resp: 563537

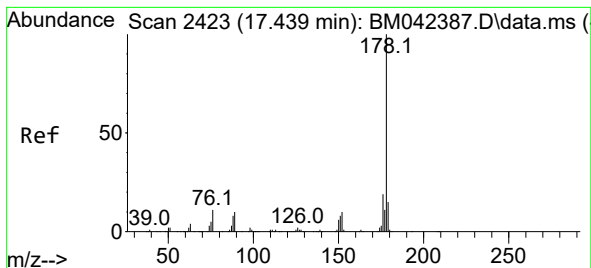
Ion Ratio Lower Upper

266 100

268 64.0 50.6 76.0

264 64.2 49.4 74.0





#71

Phenanthrene

Concen: 47.584 ng

RT: 17.433 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

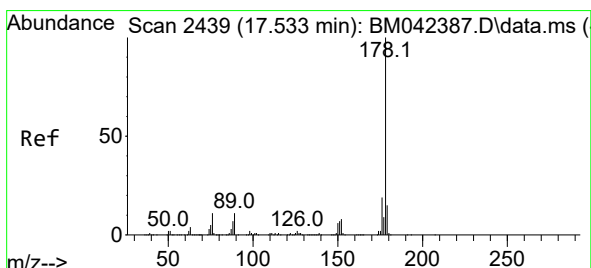
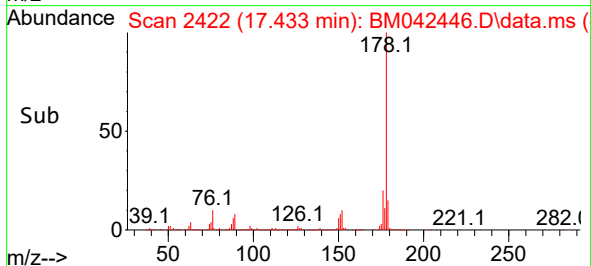
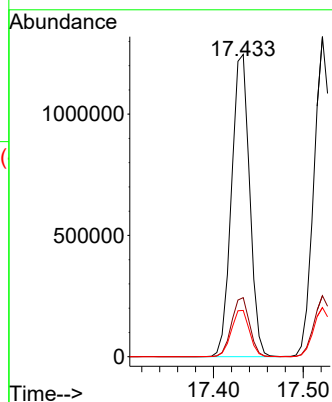
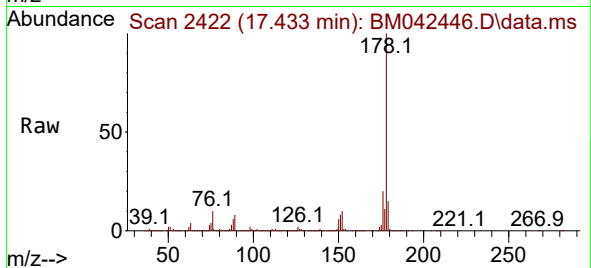
Tgt Ion:178 Resp: 1744555

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.3 12.3 18.5



#72

Anthracene

Concen: 48.940 ng

RT: 17.521 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

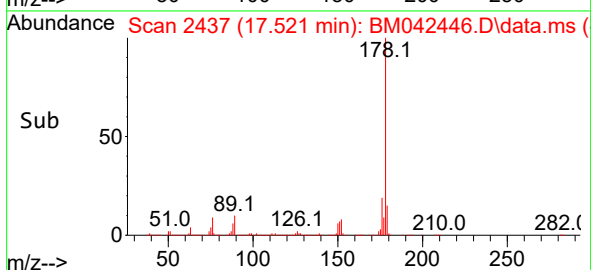
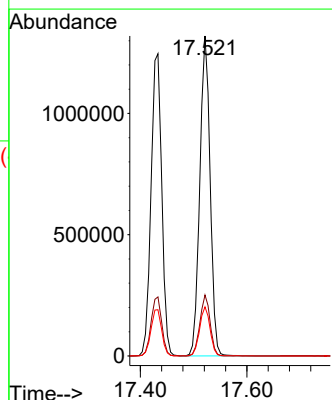
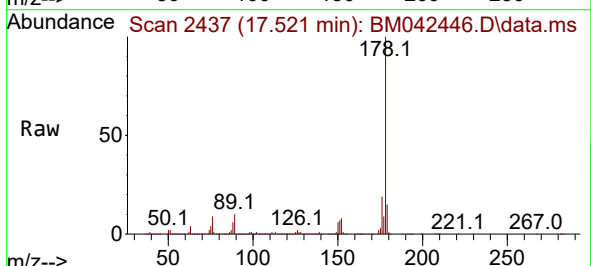
Tgt Ion:178 Resp: 1777007

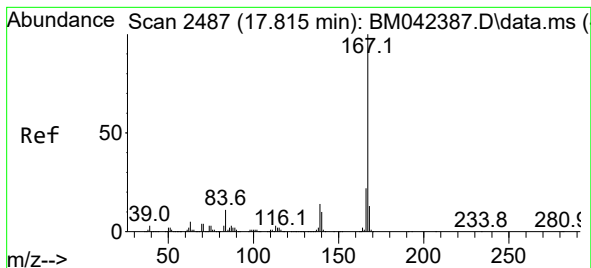
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.3 12.1 18.1





#73

Carbazole

Concen: 48.539 ng

RT: 17.810 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

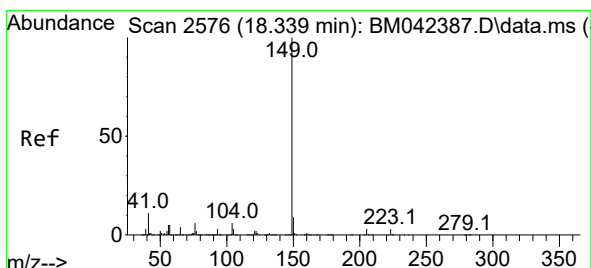
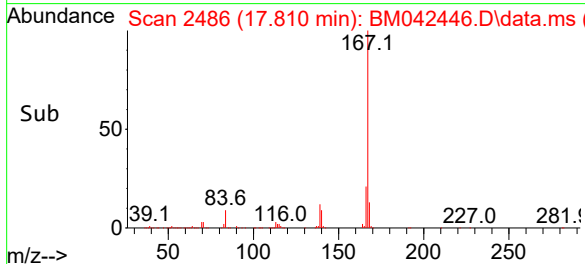
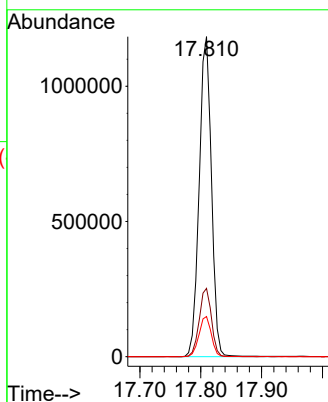
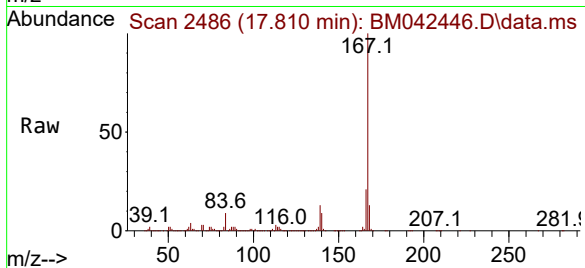
Tgt Ion:167 Resp: 1653398

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 12.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 47.623 ng

RT: 18.327 min Scan# 2574

Delta R.T. -0.012 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

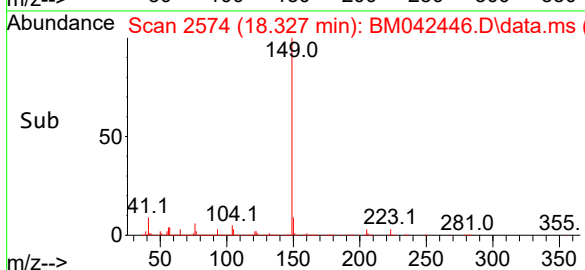
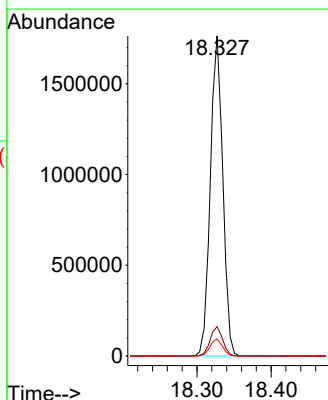
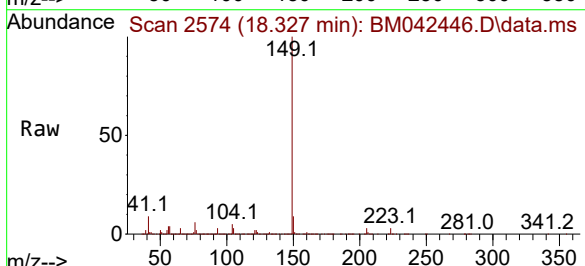
Tgt Ion:149 Resp: 2053172

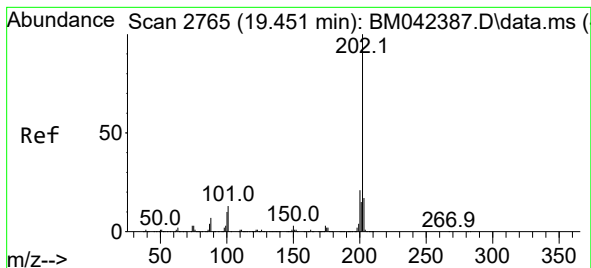
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.3 4.6 7.0





#75

Fluoranthene

Concen: 53.264 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

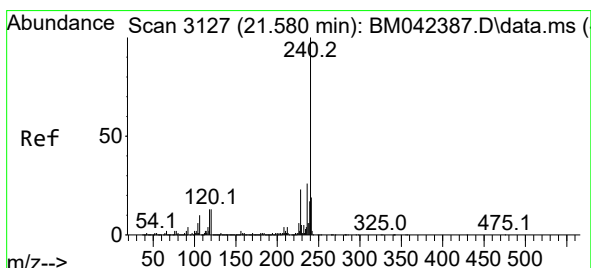
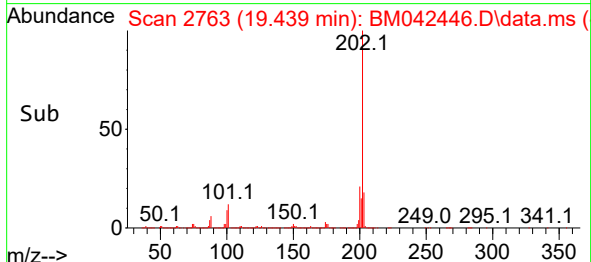
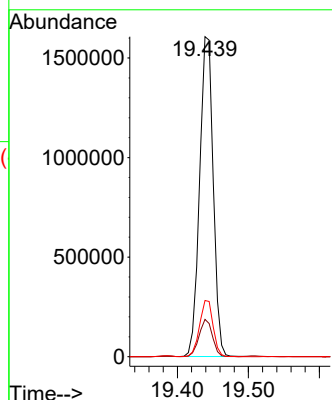
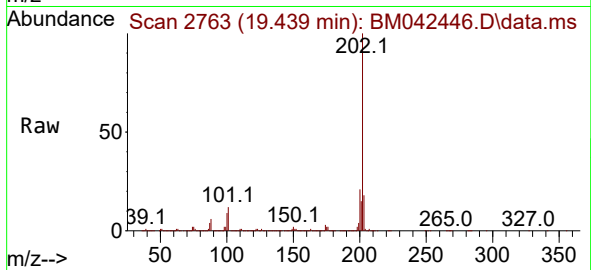
Tgt Ion:202 Resp: 2150727

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.3

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

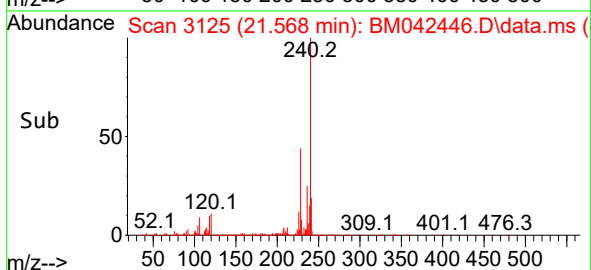
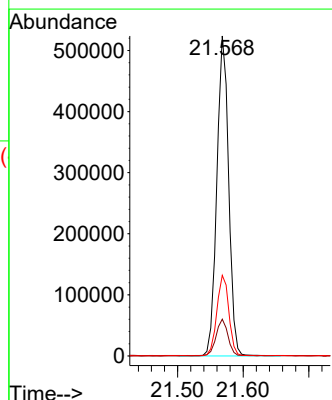
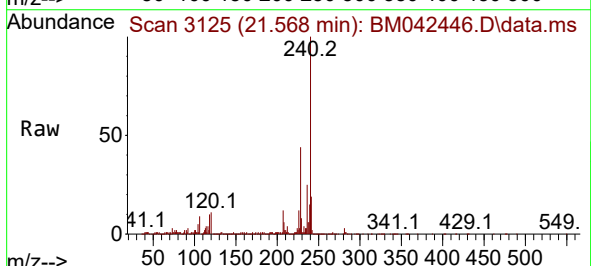
Tgt Ion:240 Resp: 653201

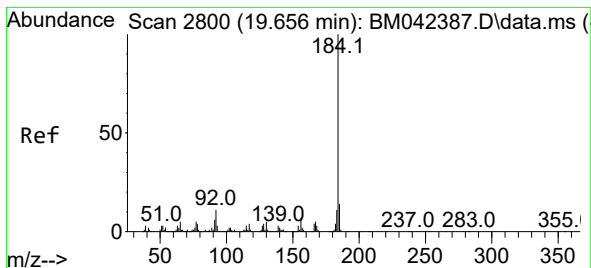
Ion Ratio Lower Upper

240 100

120 11.5 10.7 16.1

236 25.2 20.7 31.1





#77

Benzidine

Concen: 156.939 ng

RT: 19.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

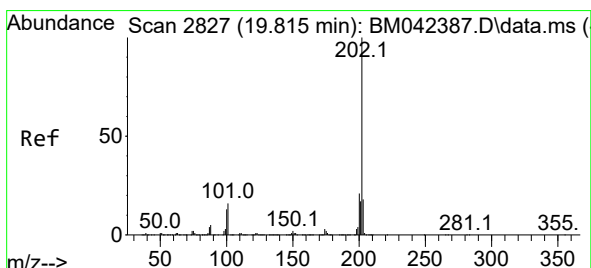
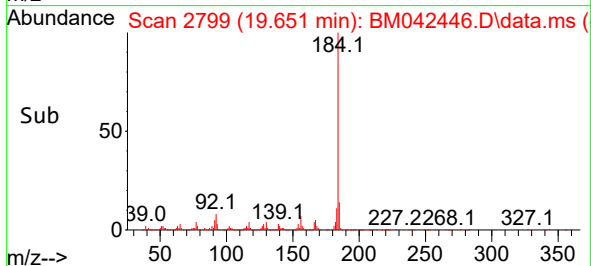
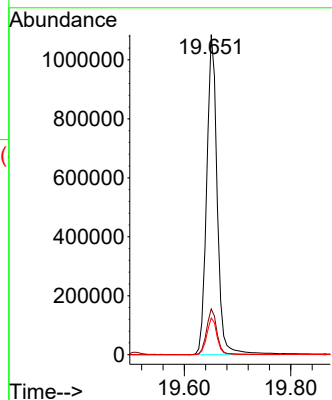
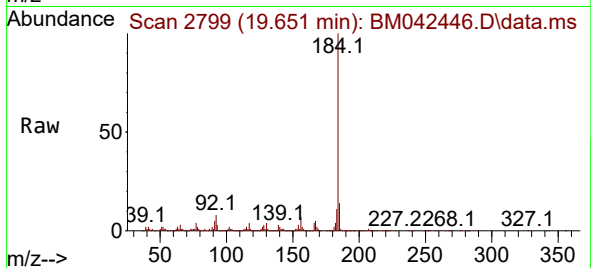
Tgt Ion:184 Resp: 1482766

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.5 9.2 13.8



#78

Pyrene

Concen: 49.156 ng

RT: 19.809 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

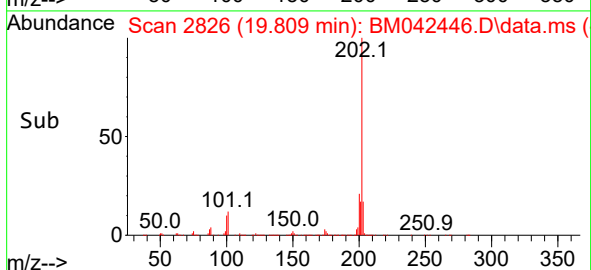
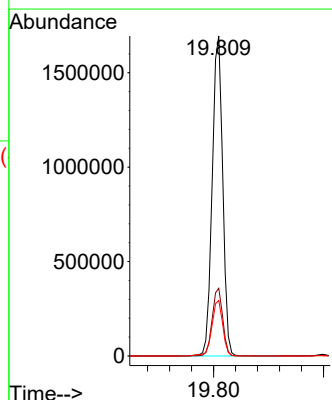
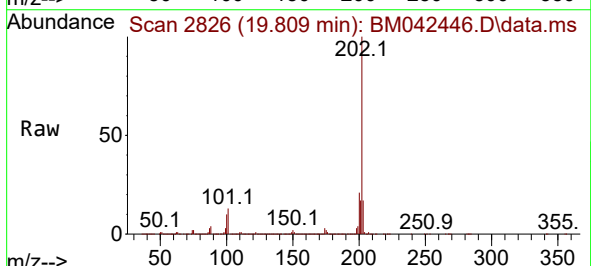
Tgt Ion:202 Resp: 2243756

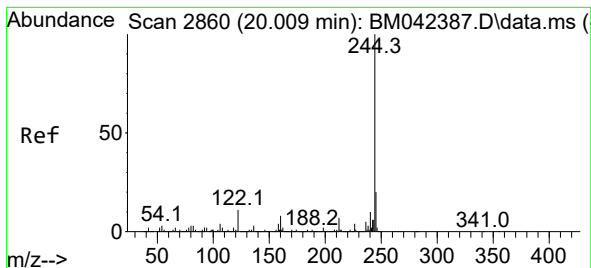
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 76.502 ng

RT: 19.998 min Scan# 2858

Delta R.T. -0.011 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

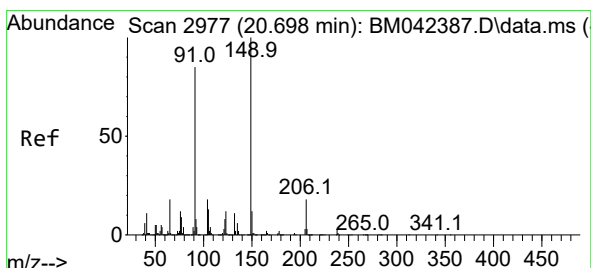
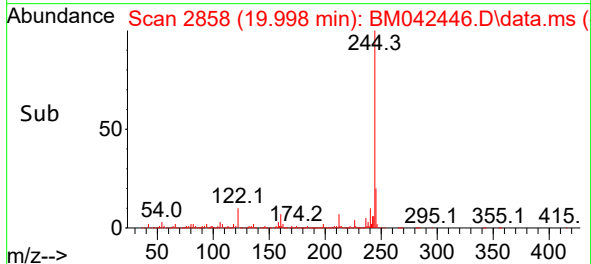
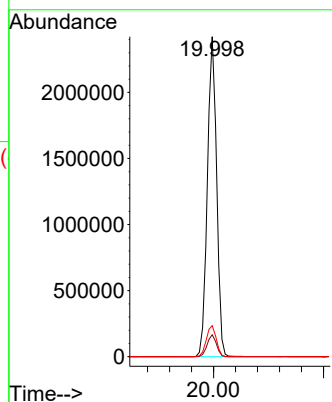
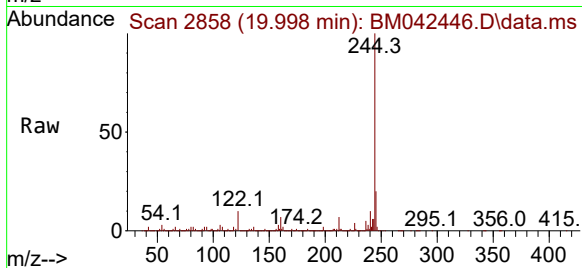
Tgt Ion:244 Resp: 2817675

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.7 8.8 13.2



#80

Butylbenzylphthalate

Concen: 48.330 ng

RT: 20.686 min Scan# 2975

Delta R.T. -0.012 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

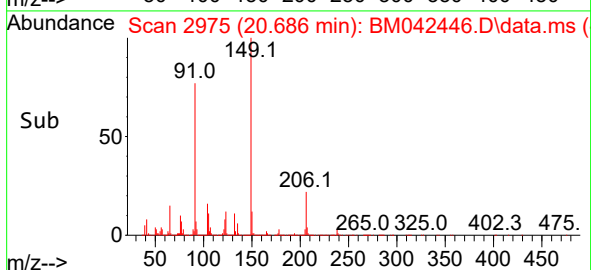
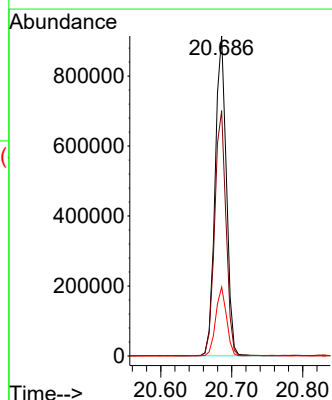
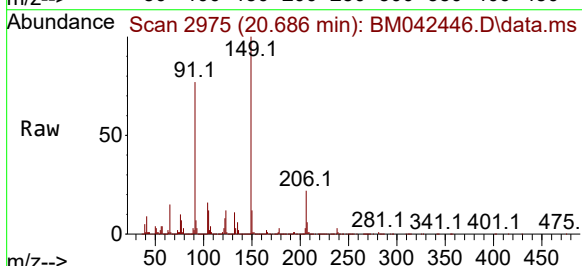
Tgt Ion:149 Resp: 1000494

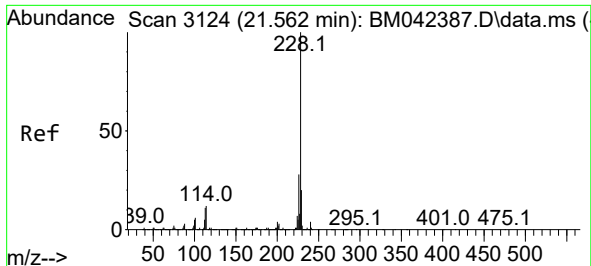
Ion Ratio Lower Upper

149 100

91 76.6 68.3 102.5

206 21.6 14.6 22.0

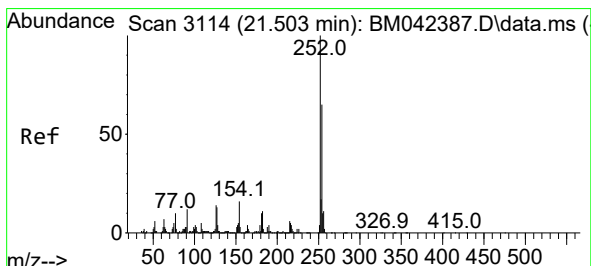
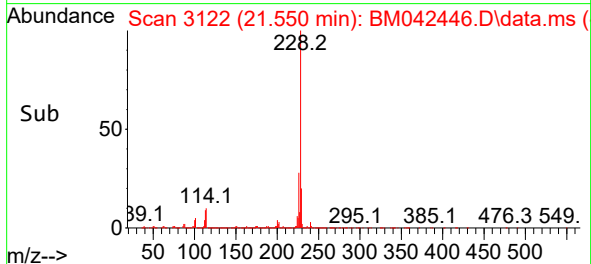
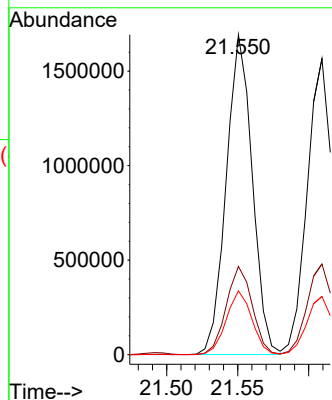
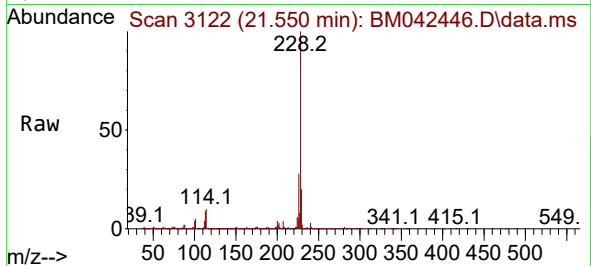




#81
Benzo(a)anthracene
Concen: 49.295 ng
RT: 21.550 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

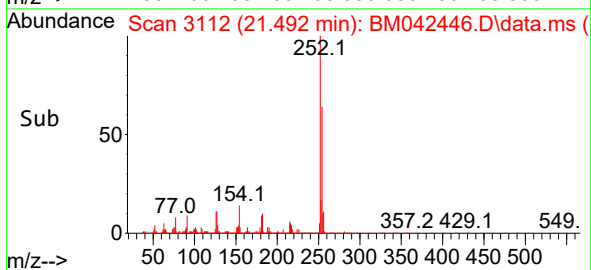
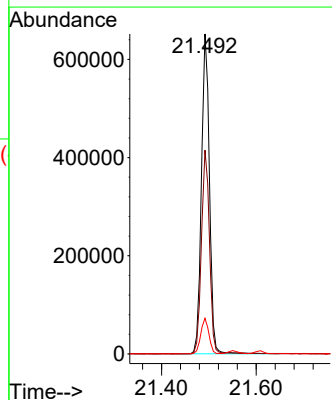
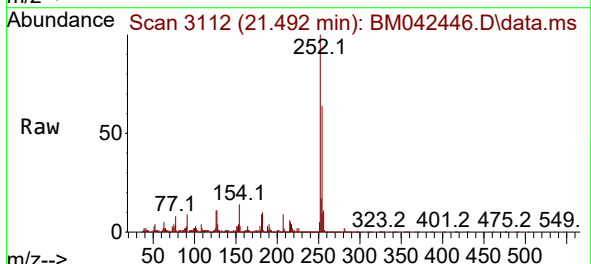
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

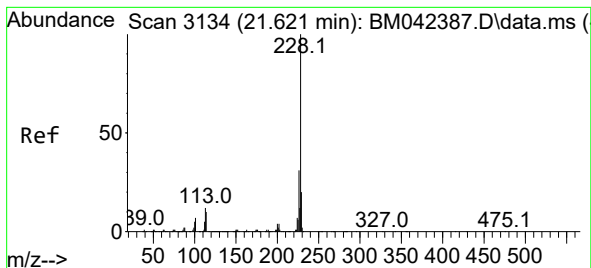
Tgt Ion:228 Resp: 2158609
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 58.551 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.011 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:252 Resp: 765382
Ion Ratio Lower Upper
252 100
254 63.7 52.2 78.2
126 11.2 11.4 17.2#





#83

Chrysene

Concen: 46.369 ng

RT: 21.609 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

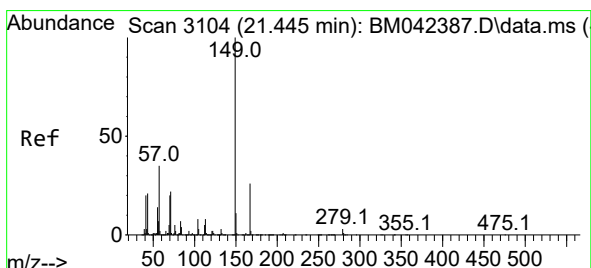
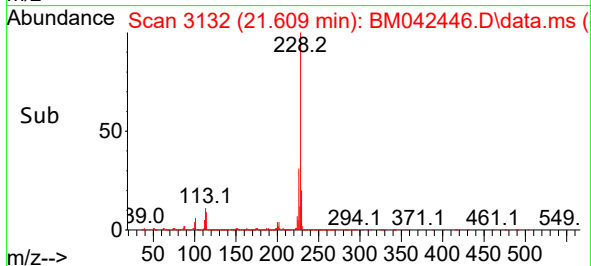
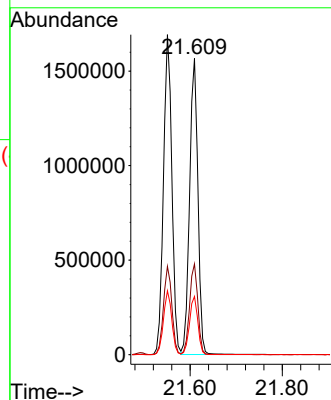
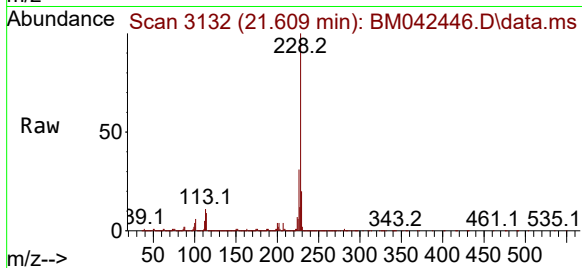
Tgt Ion:228 Resp: 1950167

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.828 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

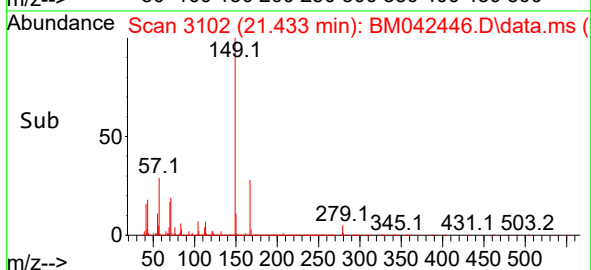
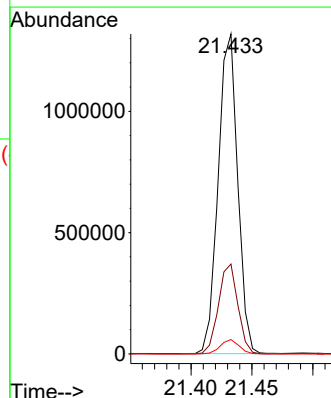
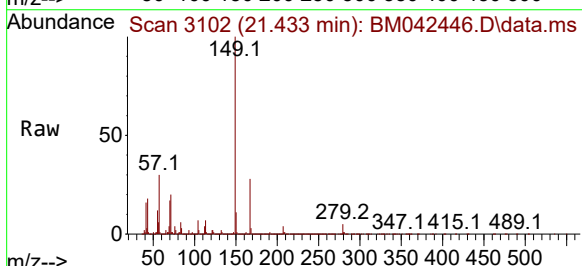
Tgt Ion:149 Resp: 1469713

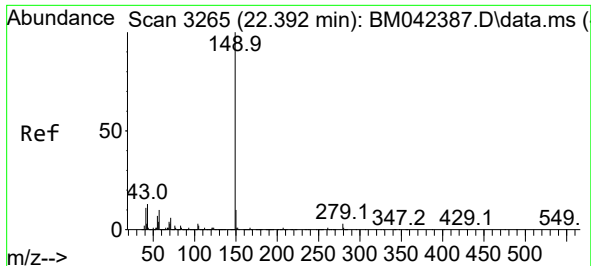
Ion Ratio Lower Upper

149 100

167 28.1 20.9 31.3

279 4.5 2.7 4.1#

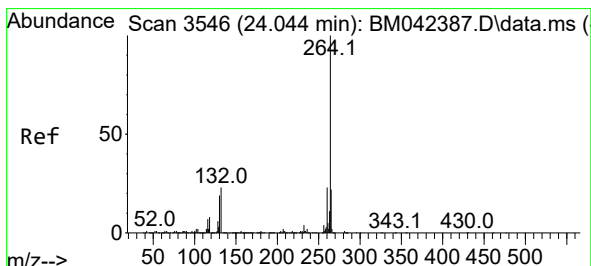
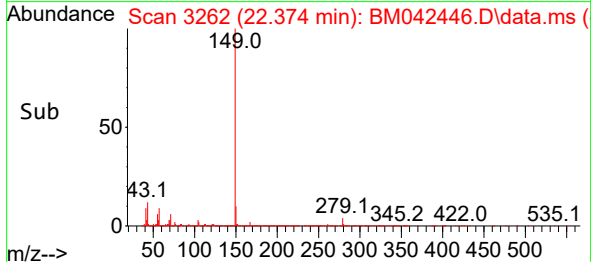
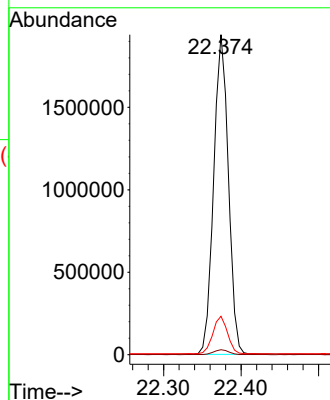
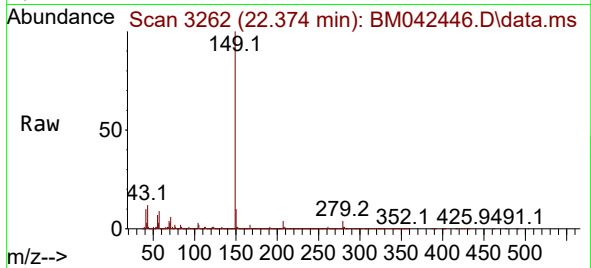




#85
Di-n-octyl phthalate
Concen: 50.094 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

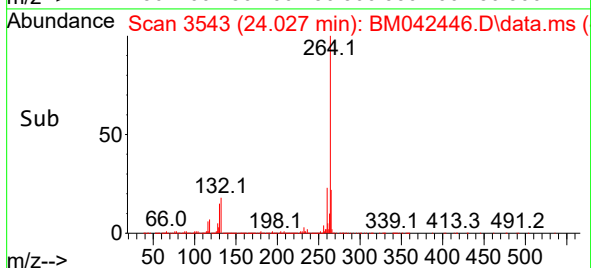
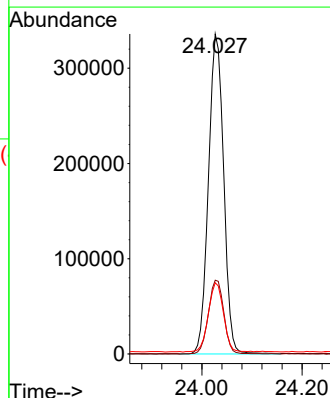
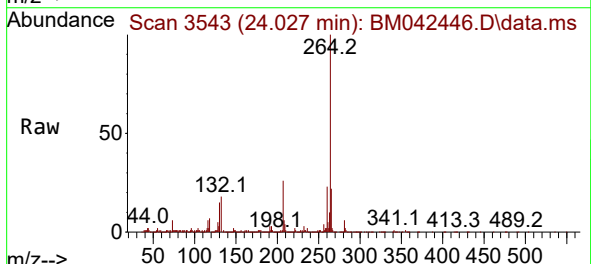
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

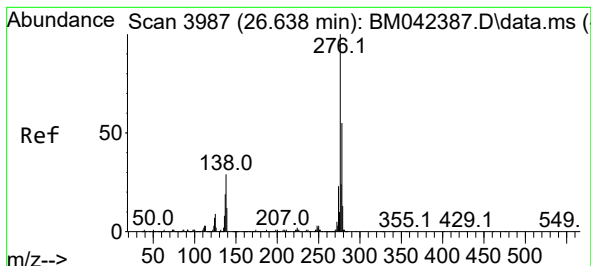
Tgt Ion:149 Resp: 2549796
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.8 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3543
Delta R.T. -0.018 min
Lab File: BM042446.D
Acq: 25 Oct 2023 20:17

Tgt Ion:264 Resp: 708134
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.934 ng

RT: 26.615 min Scan# 3983

Delta R.T. -0.023 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

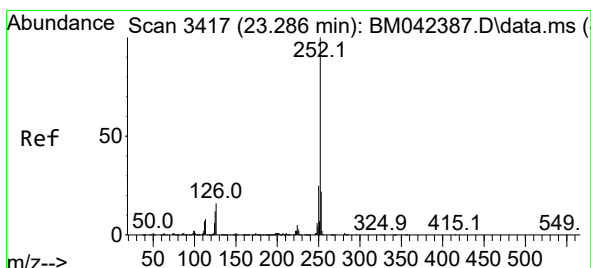
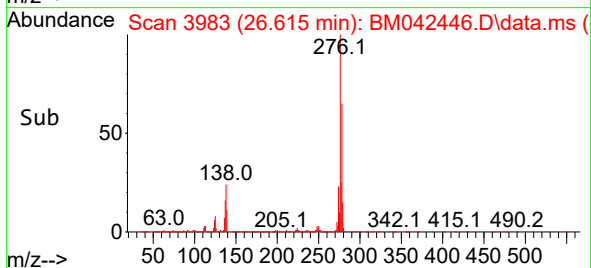
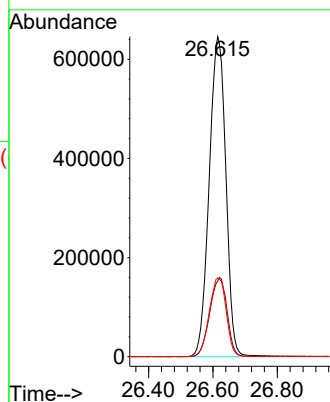
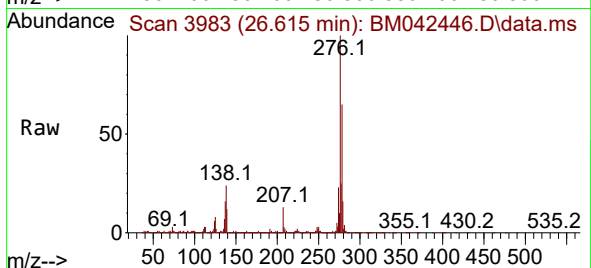
Tgt Ion:276 Resp: 2325359

Ion Ratio Lower Upper

276 100

138 25.5 25.6 38.4#

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 48.555 ng

RT: 23.268 min Scan# 3414

Delta R.T. -0.018 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

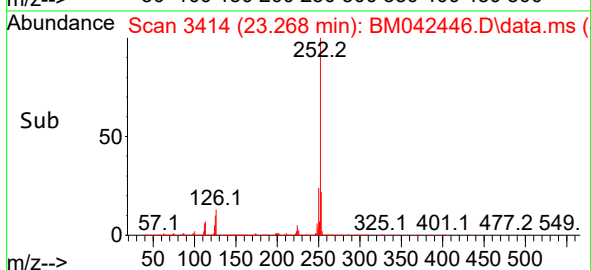
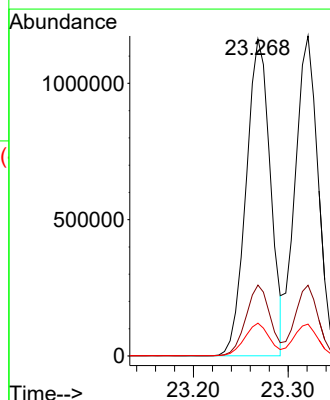
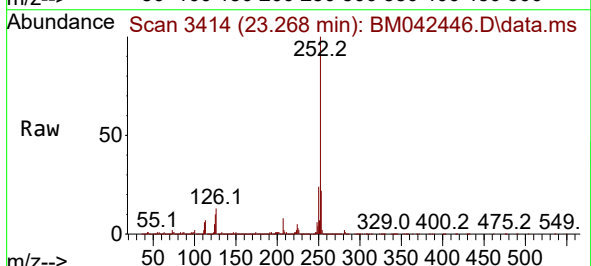
Tgt Ion:252 Resp: 2069632

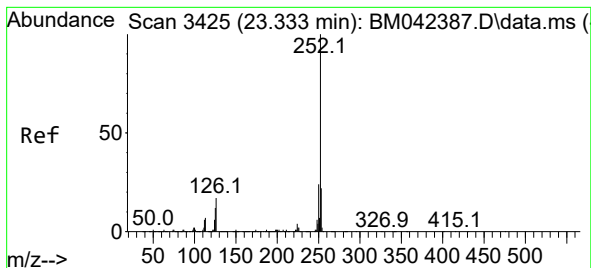
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 10.4 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 46.768 ng

RT: 23.268 min Scan# 34

Delta R.T. -0.065 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

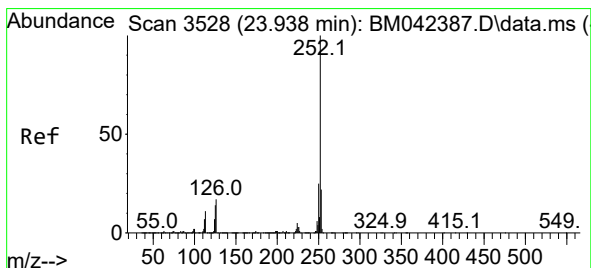
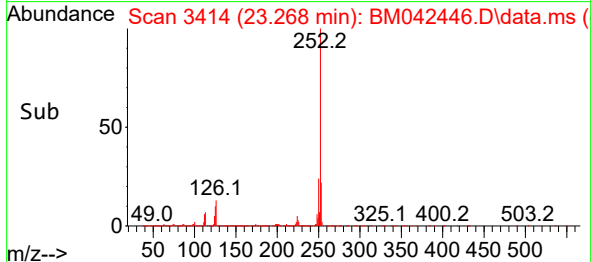
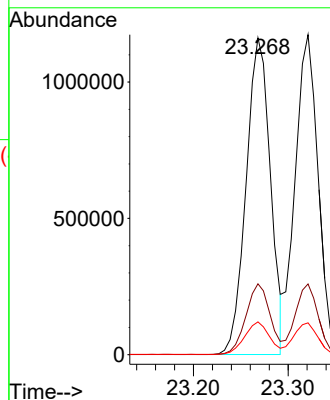
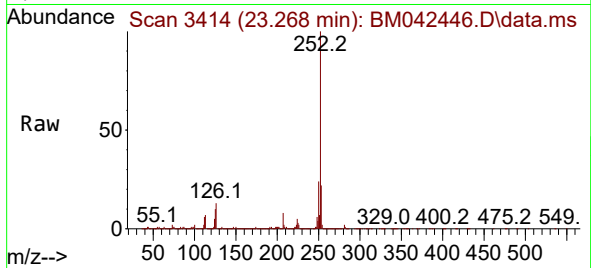
Tgt Ion:252 Resp: 2069632

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 10.4 10.2 15.2



#90

Benzo(a)pyrene

Concen: 44.271 ng

RT: 23.921 min Scan# 3525

Delta R.T. -0.018 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

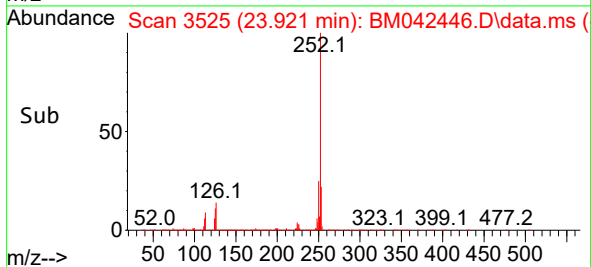
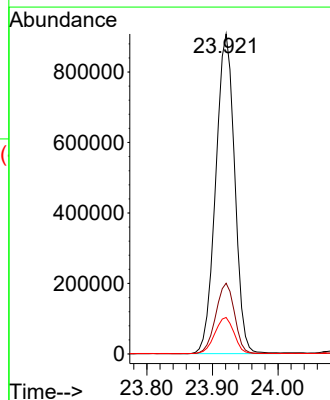
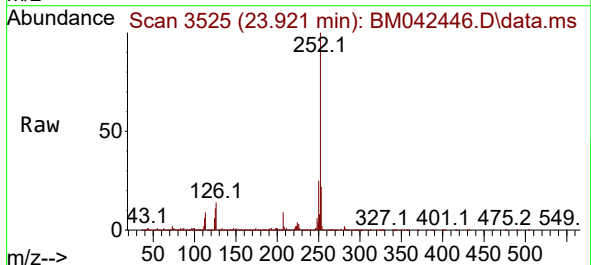
Tgt Ion:252 Resp: 1816274

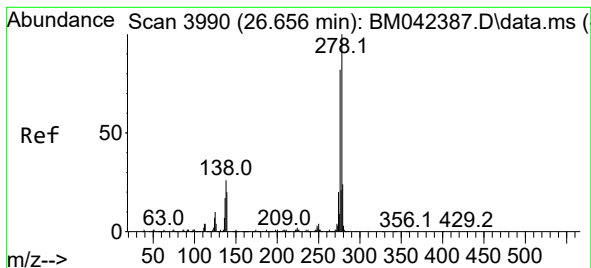
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 11.4 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 45.148 ng

RT: 26.632 min Scan# 3990

Delta R.T. -0.023 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MS

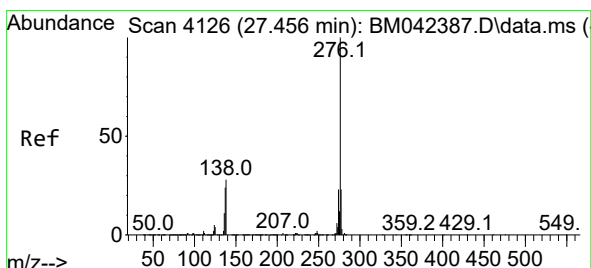
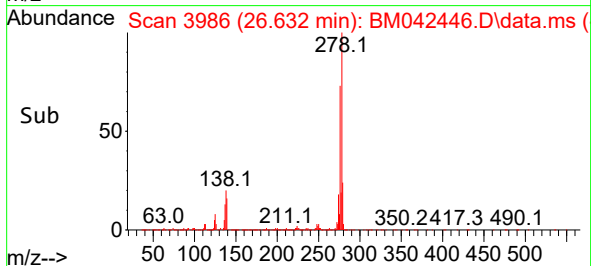
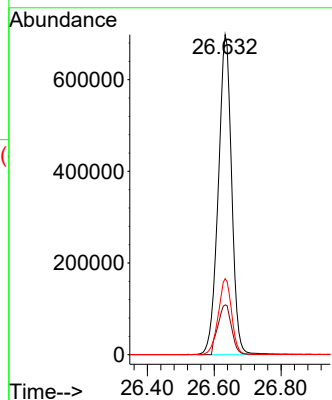
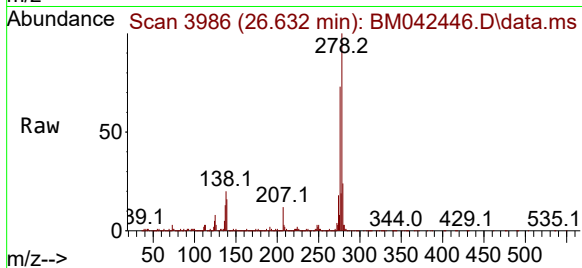
Tgt Ion:278 Resp: 1942549

Ion Ratio Lower Upper

278 100

139 15.6 15.6 23.4#

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 44.094 ng

RT: 27.427 min Scan# 4121

Delta R.T. -0.029 min

Lab File: BM042446.D

Acq: 25 Oct 2023 20:17

Tgt Ion:276 Resp: 1842471

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 21.5 22.6 34.0#

