

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042444.D
 Acq On : 25 Oct 2023 19:03
 Operator : MA/JU
 Sample : 04920-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-B1-COMP-101623MS

Quant Time: Oct 26 00:47:25 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	7.992	152	150410	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	612330	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	353978	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	747885	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	699203	20.000	ng	-0.01
86) Perylene-d12	24.027	264	754412	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	996330	93.619	ng	0.00
7) Phenol-d6	7.145	99	1302200	91.305	ng	0.00
23) Nitrobenzene-d5	9.192	82	868572	62.724	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	472691	121.563	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	1717942	65.354	ng	-0.01
79) Terphenyl-d14	19.997	244	2540877	64.448	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	177647	35.449	ng	97
3) Pyridine	3.804	79	459340	31.242	ng	97
4) n-Nitrosodimethylamine	3.734	42	259834	35.002	ng	89
6) Aniline	7.334	93	353697	19.478	ng	97
8) 2-Chlorophenol	7.545	128	491754	46.567	ng	95
9) Benzaldehyde	7.151	77	182209	21.935	ng	100
10) Phenol	7.175	94	638773	43.345	ng	99
11) bis(2-Chloroethyl)ether	7.428	93	501338	41.436	ng	96
12) 1,3-Dichlorobenzene	7.869	146	519717	47.581	ng	98
13) 1,4-Dichlorobenzene	8.028	146	531497	48.340	ng	98
14) 1,2-Dichlorobenzene	8.339	146	511259	48.426	ng	98
15) Benzyl Alcohol	8.251	79	465427	44.023	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	782933	40.896	ng	99
17) 2-Methylphenol	8.434	107	415942	42.772	ng	99
18) Hexachloroethane	9.057	117	203218	48.011	ng	# 87
19) n-Nitroso-di-n-propyla...	8.810	70	410980	42.516	ng	96
20) 3+4-Methylphenols	8.769	107	558981	42.855	ng	97
22) Acetophenone	8.839	105	739233	44.251	ng	97
24) Nitrobenzene	9.233	77	601257	43.400	ng	97
25) Isophorone	9.745	82	1082394	45.995	ng	98
26) 2-Nitrophenol	9.933	139	259290	48.594	ng	95
27) 2,4-Dimethylphenol	9.975	122	398579	41.756	ng	100
28) bis(2-Chloroethoxy)met...	10.233	93	655900	43.992	ng	99
29) 2,4-Dichlorophenol	10.457	162	461419	55.585	ng	96
30) 1,2,4-Trichlorobenzene	10.663	180	483551	54.337	ng	98
31) Naphthalene	10.869	128	1513902	48.134	ng	100
32) Benzoic acid	10.116	122	379770	53.686	ng	96
33) 4-Chloroaniline	10.998	127	166956	12.226	ng	99
34) Hexachlorobutadiene	11.092	225	291491	60.531	ng	98
35) Caprolactam	11.833	113	156038	47.434	ng	90
36) 4-Chloro-3-methylphenol	12.098	107	495937	49.508	ng	98
37) 2-Methylnaphthalene	12.469	142	1000882	47.273	ng	98
38) 1-Methylnaphthalene	12.686	142	971499	48.980	ng	100
40) 1,2,4,5-Tetrachloroben...	12.816	216	543322	53.093	ng	98
41) Hexachlorocyclopentadiene	12.763	237	397060	72.044	ng	97
43) 2,4,6-Trichlorophenol	13.069	196	360494	54.418	ng	99

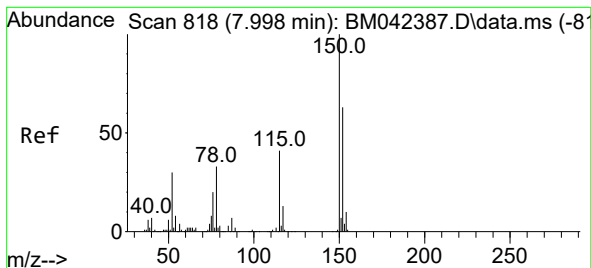
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042444.D
 Acq On : 25 Oct 2023 19:03
 Operator : MA/JU
 Sample : 04920-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-B1-COMP-101623MS

Quant Time: Oct 26 00:47:25 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)
44) 2,4,5-Trichlorophenol	13.139	196	394091	50.324	ng	95
46) 1,1'-Biphenyl	13.474	154	1319580	46.991	ng	98
47) 2-Chloronaphthalene	13.521	162	996409	48.365	ng	99
48) 2-Nitroaniline	13.757	65	353260	39.508	ng	91
49) Acenaphthylene	14.368	152	1651708	49.660	ng	100
50) Dimethylphthalate	14.104	163	1208845	46.558	ng	100
51) 2,6-Dinitrotoluene	14.245	165	262222	44.925	ng	87
52) Acenaphthene	14.704	154	939996	46.747	ng	99
53) 3-Nitroaniline	14.580	138	199950	30.072	ng	98
54) 2,4-Dinitrophenol	14.786	184	210387	60.187	ng	92
55) Dibenzofuran	15.039	168	1510376	47.489	ng	97
56) 4-Nitrophenol	14.874	139	511233	96.676	ng	92
57) 2,4-Dinitrotoluene	15.027	165	358384	45.901	ng	85
58) Fluorene	15.686	166	1214392	48.388	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.251	232	340702	57.914	ng	89
60) Diethylphthalate	15.445	149	1216037	47.460	ng	97
61) 4-Chlorophenyl-phenyle...	15.674	204	617115	52.213	ng	93
62) 4-Nitroaniline	15.751	138	265394	40.437	ng	93
63) Azobenzene	15.968	77	1337280	43.502	ng	94
65) 4,6-Dinitro-2-methylph...	15.774	198	140407	31.751	ng	84
66) n-Nitrosodiphenylamine	15.898	169	1043577	46.327	ng	97
67) 4-Bromophenyl-phenylether	16.568	248	368231	53.124	ng	94
68) Hexachlorobenzene	16.657	284	429538	57.974	ng	# 91
69) Atrazine	16.845	200	379990	66.520	ng	100
70) Pentachlorophenol	17.015	266	614695	97.930	ng	99
71) Phenanthrene	17.433	178	1917458	47.129	ng	99
72) Anthracene	17.521	178	1922132	47.703	ng	99
73) Carbazole	17.809	167	1779646	47.080	ng	99
74) Di-n-butylphthalate	18.327	149	2269845	47.454	ng	99
75) Fluoranthene	19.445	202	2319529	51.766	ng	97
77) Benzidine	19.650	184	820027	81.083	ng	98
78) Pyrene	19.809	202	2426584	49.664	ng	100
80) Butylbenzylphthalate	20.686	149	1078059	48.629	ng	92
81) Benzo(a)anthracene	21.550	228	2283627	48.719	ng	99
82) 3,3'-Dichlorobenzidine	21.491	252	741802	53.014	ng	98
83) Chrysene	21.609	228	2063205	45.829	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1586989	50.234	ng	# 96
85) Di-n-octyl phthalate	22.374	149	2726610	50.047	ng	95
87) Indeno(1,2,3-cd)pyrene	26.621	276	2422337	43.937	ng	94
88) Benzo(b)fluoranthene	23.321	252	2025156	44.597	ng	98
89) Benzo(k)fluoranthene	23.321	252	2025156	42.955	ng	# 97
90) Benzo(a)pyrene	23.921	252	1907664	43.646	ng	97
91) Dibenzo(a,h)anthracene	26.638	278	2030286	44.292	ng	96
92) Benzo(g,h,i)perylene	27.426	276	1924351	43.228	ng	# 93

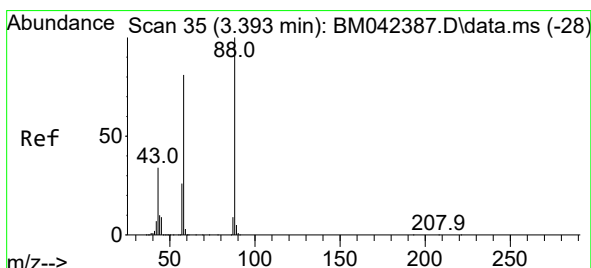
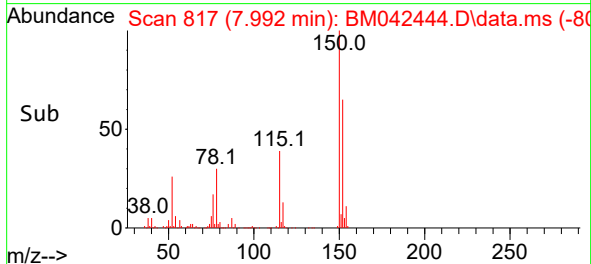
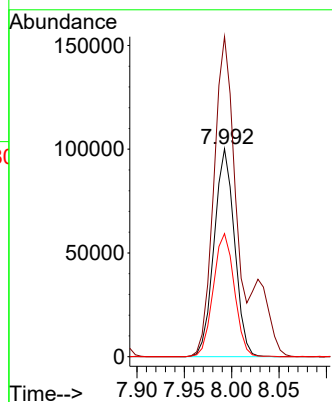
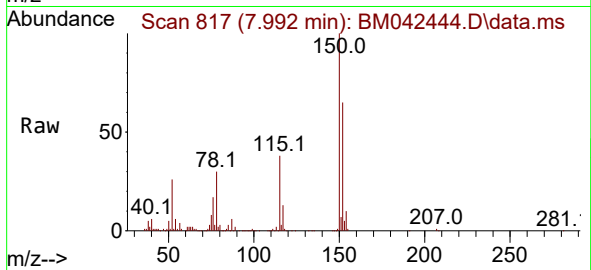
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

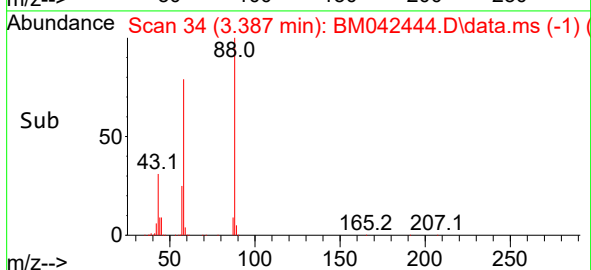
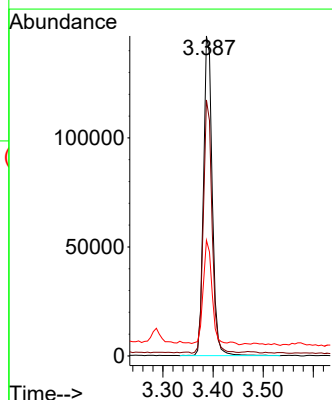
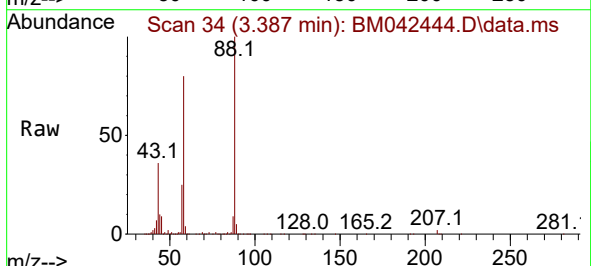
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

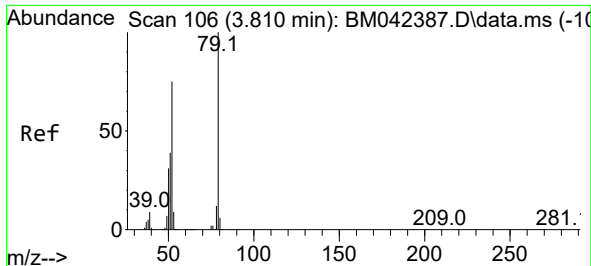
Tgt Ion:152 Resp: 150410
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.4
115 59.2 51.9 77.9



#2
1,4-Dioxane
Concen: 35.449 ng
RT: 3.387 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion: 88 Resp: 177647
Ion Ratio Lower Upper
88 100
58 78.8 64.9 97.3
43 31.6 27.8 41.8

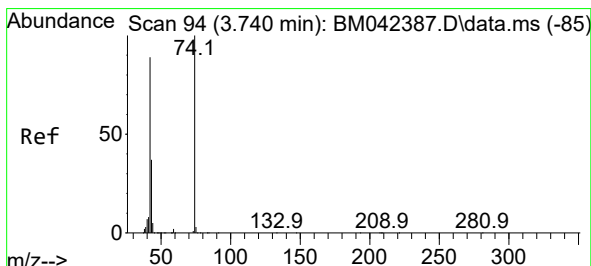
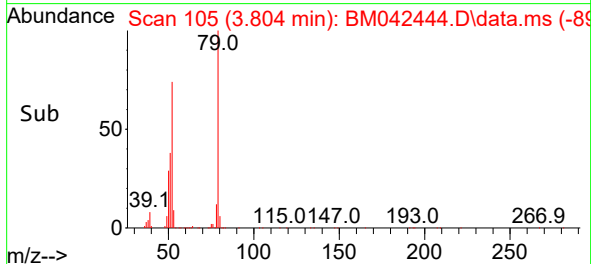
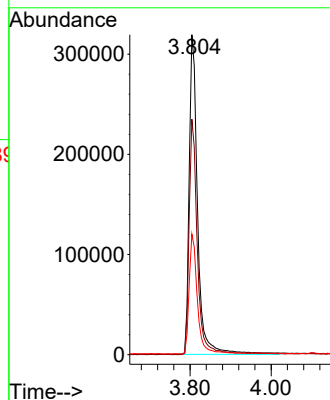
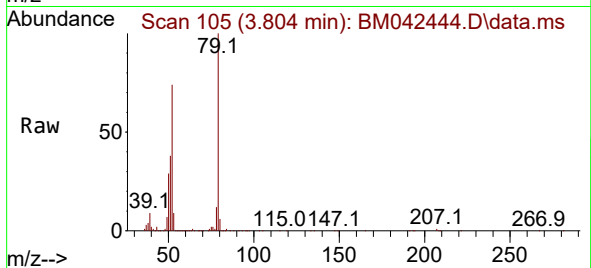




#3
Pyridine
Concen: 31.242 ng
RT: 3.804 min Scan# 106
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

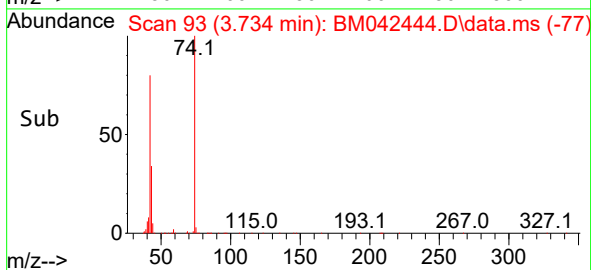
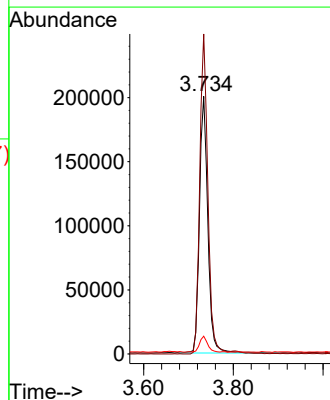
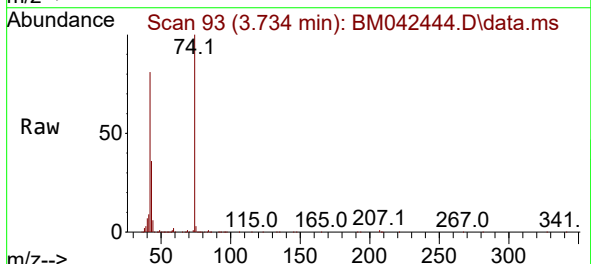
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

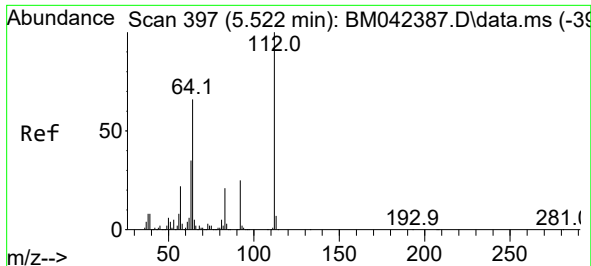
Tgt Ion: 79 Resp: 459340
Ion Ratio Lower Upper
79 100
52 73.6 60.3 90.5
51 37.7 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 35.002 ng
RT: 3.734 min Scan# 93
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion: 42 Resp: 259834
Ion Ratio Lower Upper
42 100
74 124.2 89.4 134.2
44 6.9 5.4 8.0

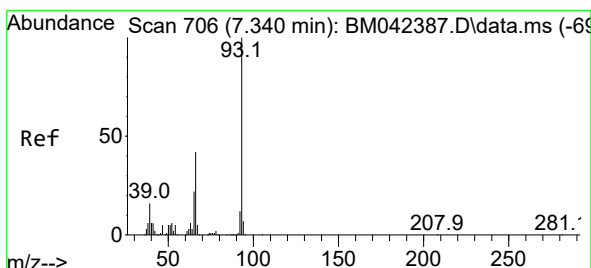
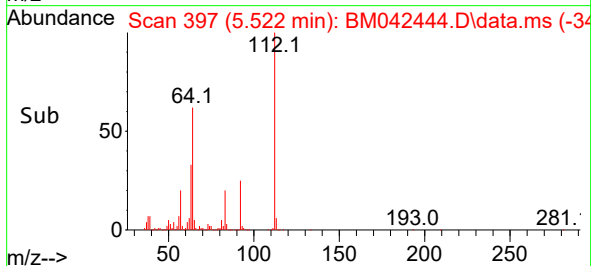
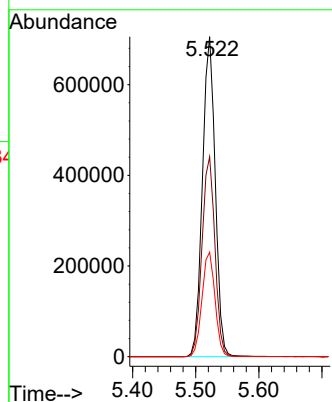
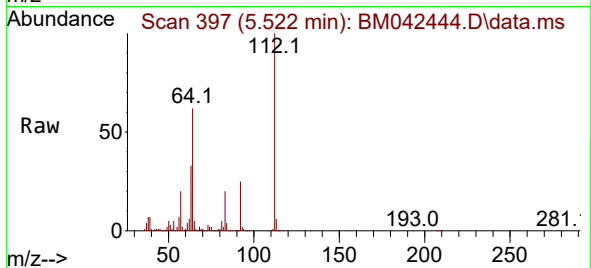




#5
2-Fluorophenol
Concen: 93.619 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

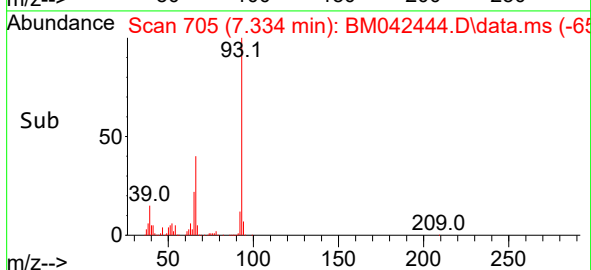
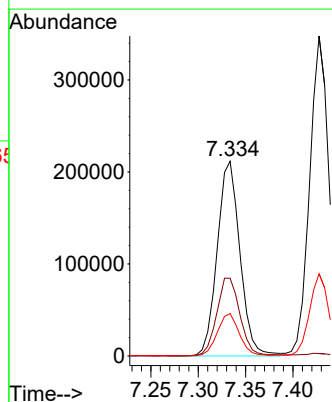
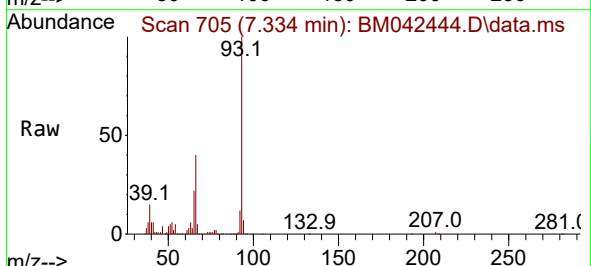
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

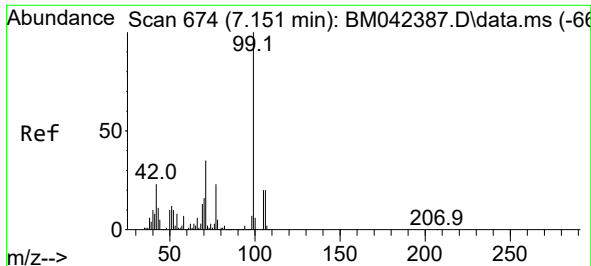
Tgt Ion:112 Resp: 996330
Ion Ratio Lower Upper
112 100
64 62.5 52.7 79.1
63 32.6 28.3 42.5



#6
Aniline
Concen: 19.478 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion: 93 Resp: 353697
Ion Ratio Lower Upper
93 100
66 39.9 33.8 50.8
65 21.8 17.4 26.2

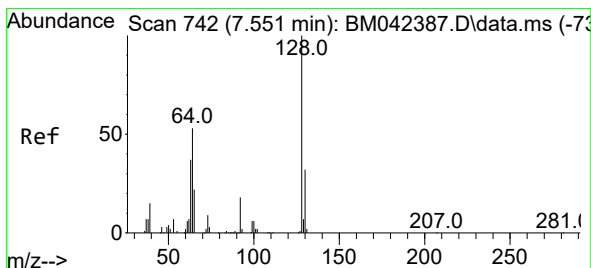
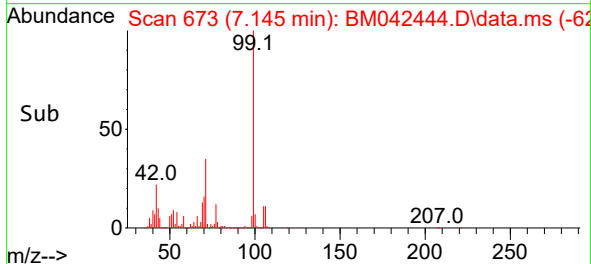
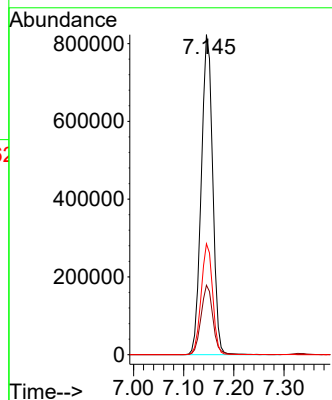
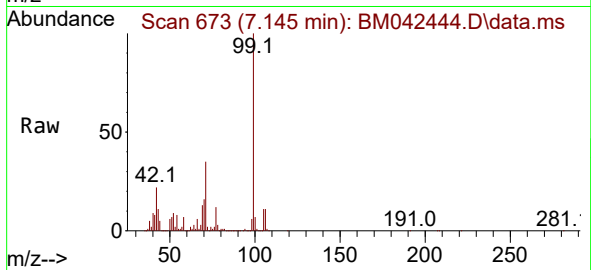




#7
Phenol-d6
Concen: 91.305 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

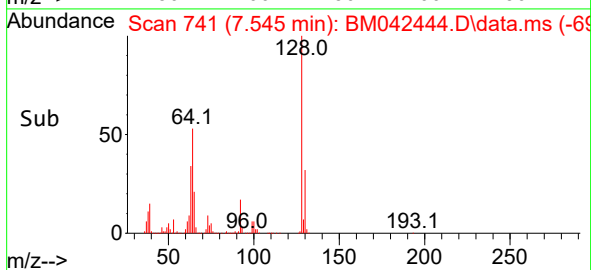
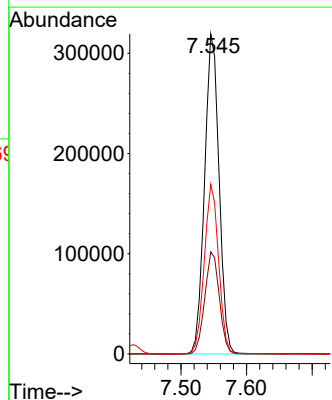
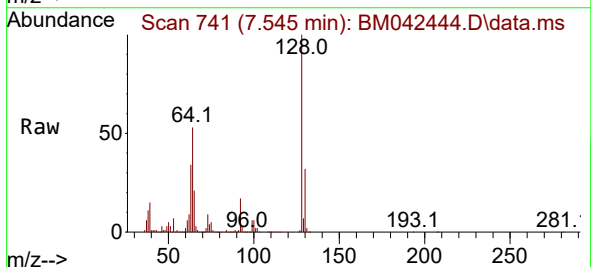
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

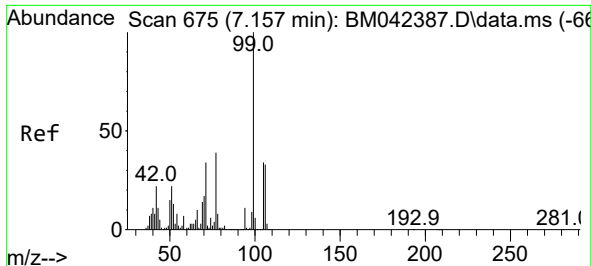
Tgt Ion: 99 Resp: 1302200
Ion Ratio Lower Upper
99 100
42 21.7 18.5 27.7
71 34.7 27.7 41.5



#8
2-Chlorophenol
Concen: 46.567 ng
RT: 7.545 min Scan# 741
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:128 Resp: 491754
Ion Ratio Lower Upper
128 100
130 31.9 12.1 52.1
64 53.0 38.2 78.2

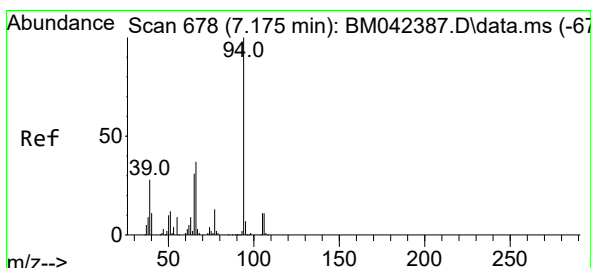
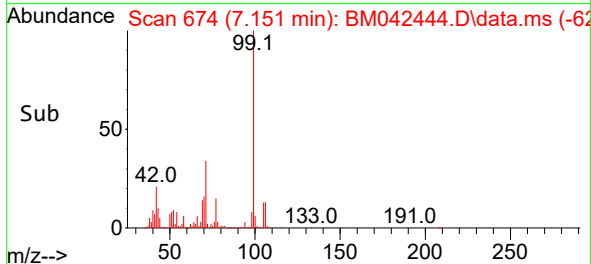
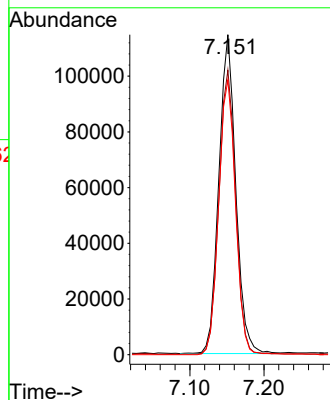
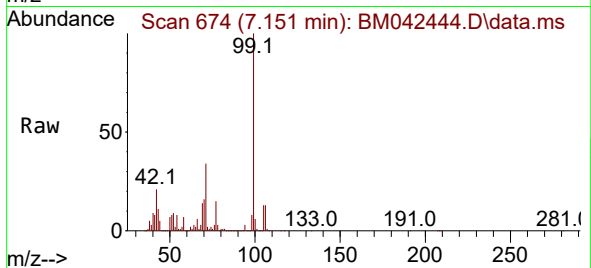




#9
Benzaldehyde
Concen: 21.935 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

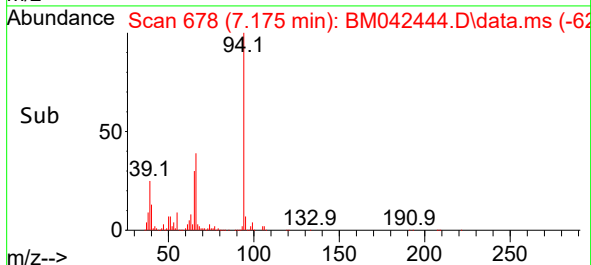
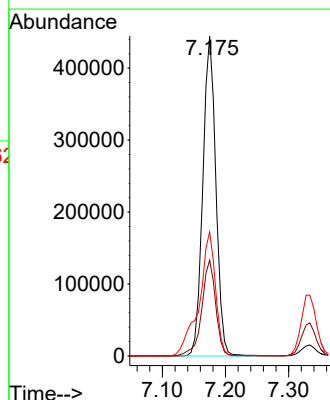
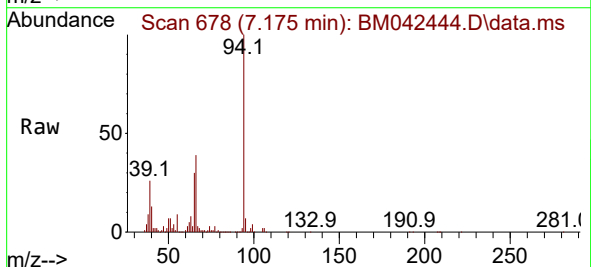
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

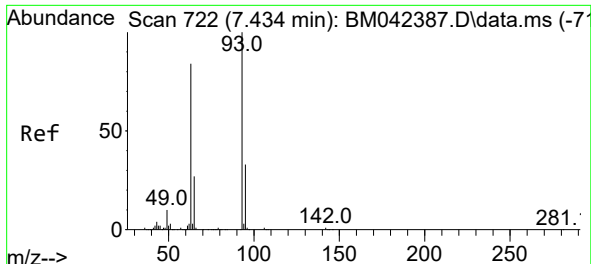
Tgt Ion: 77 Resp: 182209
Ion Ratio Lower Upper
77 100
105 88.9 68.7 108.7
106 85.9 65.8 105.8



#10
Phenol
Concen: 43.345 ng
RT: 7.175 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion: 94 Resp: 638773
Ion Ratio Lower Upper
94 100
65 30.0 10.9 50.9
66 38.7 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 41.436 ng

RT: 7.428 min Scan# 71

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

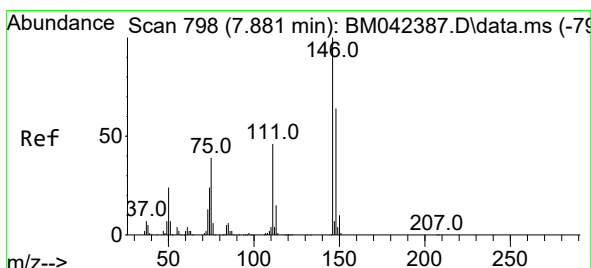
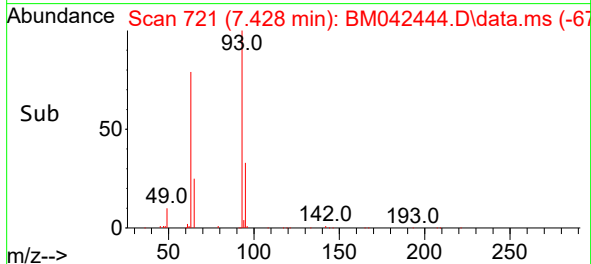
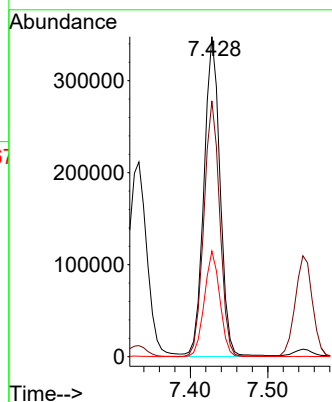
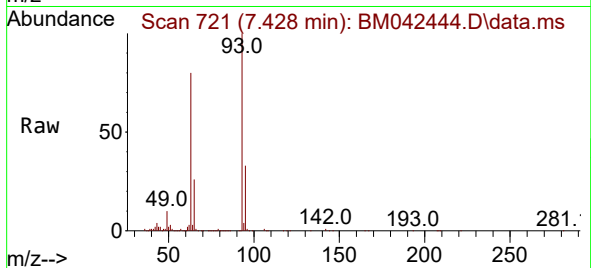
Tgt Ion: 93 Resp: 501338

Ion Ratio Lower Upper

93 100

63 79.9 64.2 104.2

95 33.0 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 47.581 ng

RT: 7.869 min Scan# 796

Delta R.T. -0.012 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

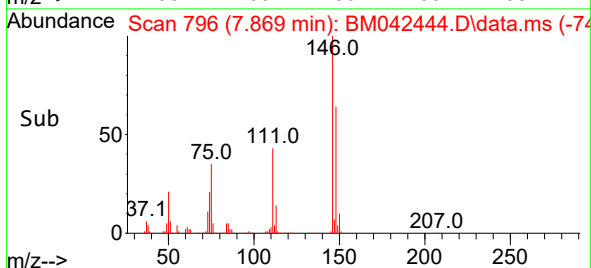
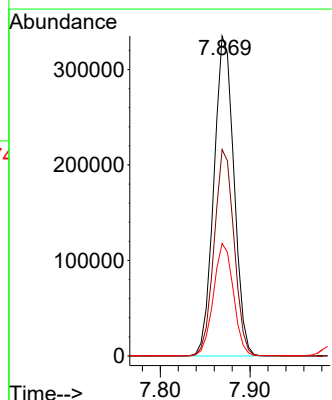
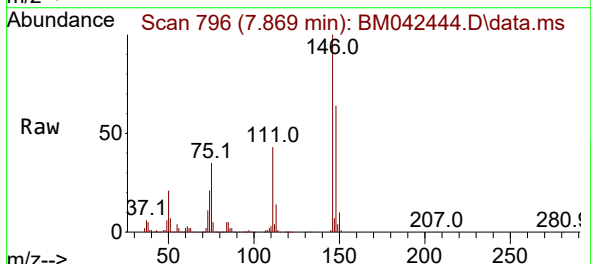
Tgt Ion:146 Resp: 519717

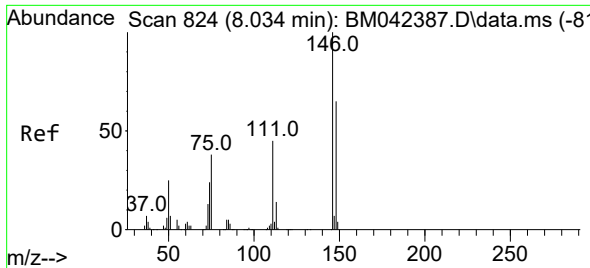
Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.2

75 35.2 30.9 46.3

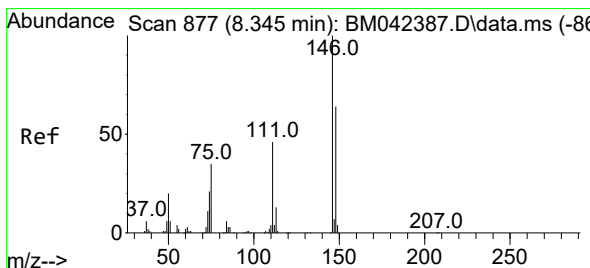
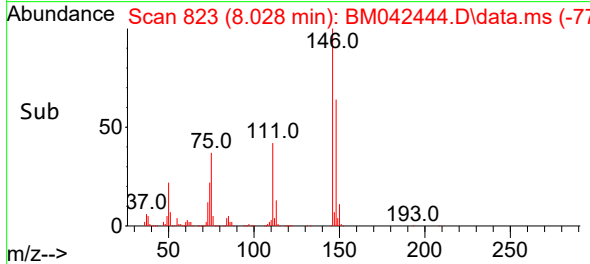
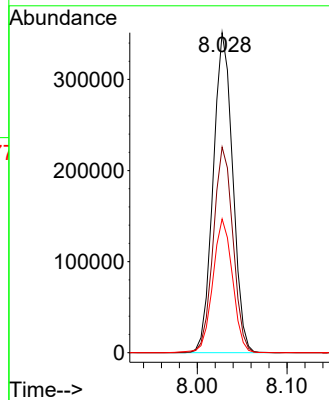
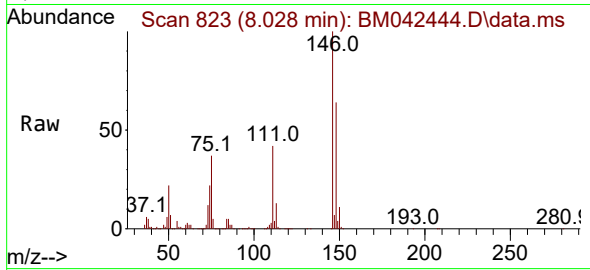




#13
1,4-Dichlorobenzene
Concen: 48.340 ng
RT: 8.028 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

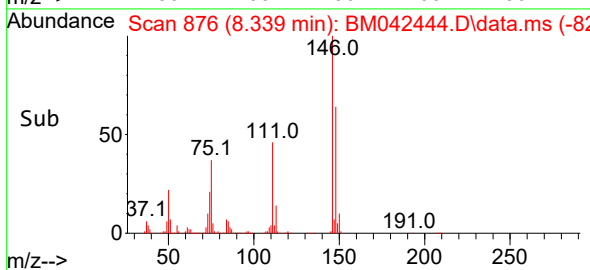
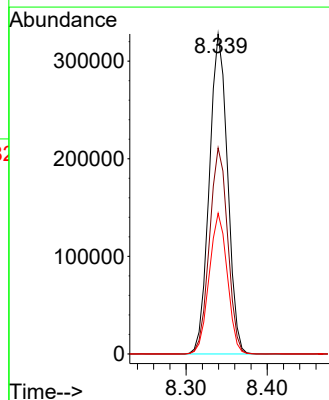
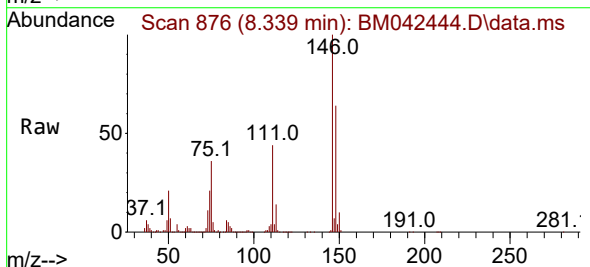
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

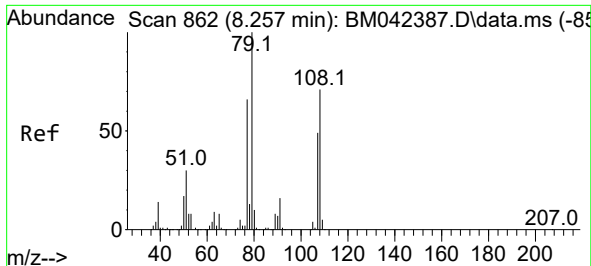
Tgt Ion:146 Resp: 531497
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 41.8 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 48.426 ng
RT: 8.339 min Scan# 876
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:146 Resp: 511259
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
111 43.9 37.2 55.8

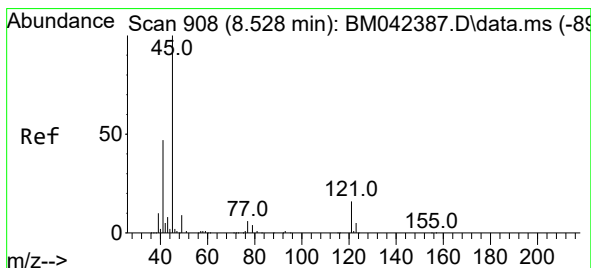
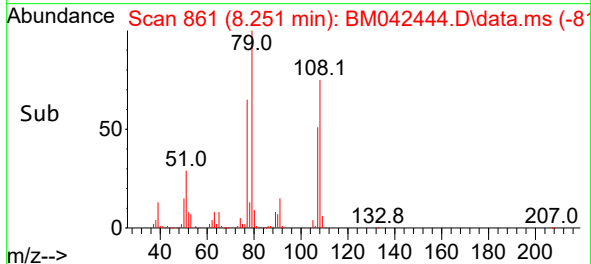
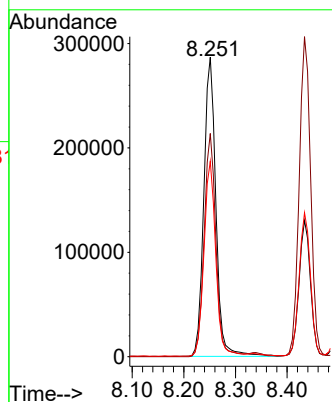
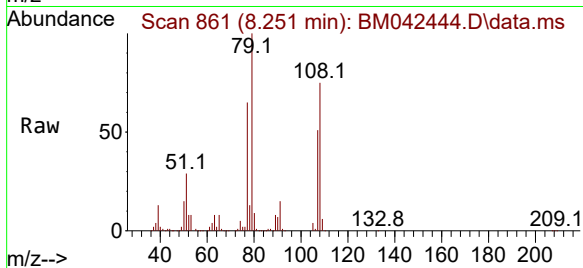




#15
Benzyl Alcohol
Concen: 44.023 ng
RT: 8.251 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

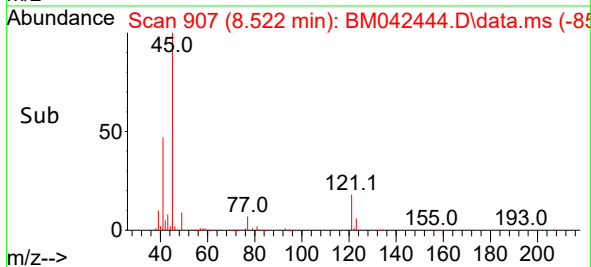
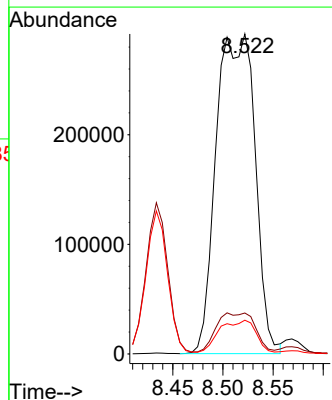
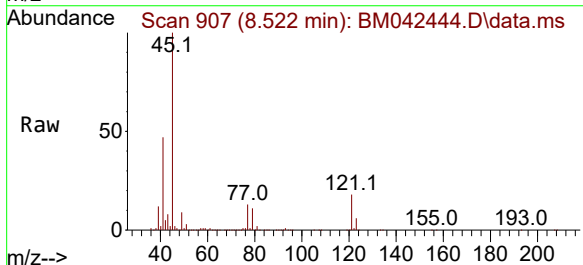
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

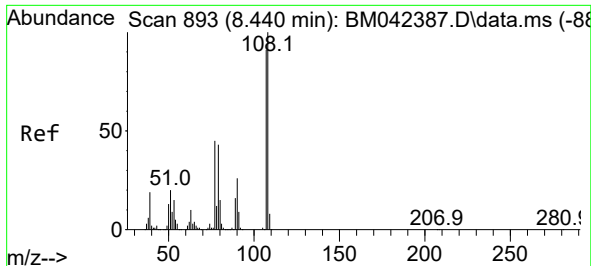
Tgt Ion: 79 Resp: 465427
Ion Ratio Lower Upper
79 100
108 74.5 57.1 85.7
77 65.2 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.896 ng
RT: 8.522 min Scan# 907
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion: 45 Resp: 782933
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.2
79 10.6 0.0 30.4

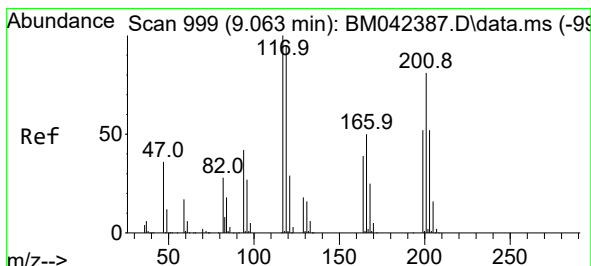
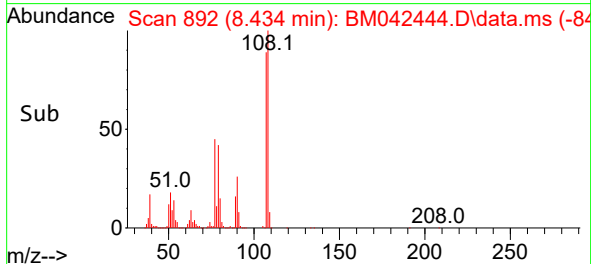
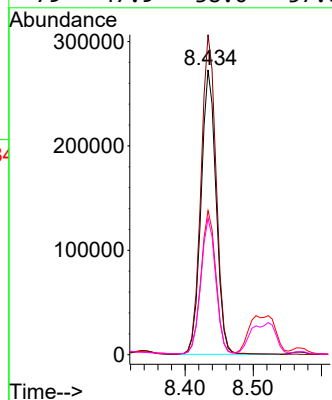
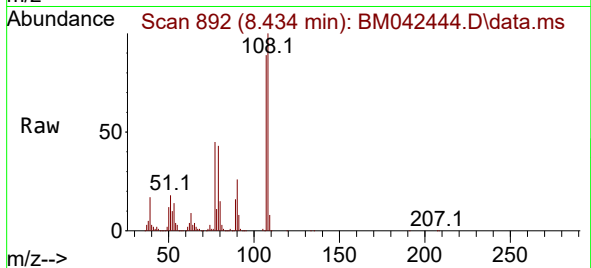




#17
2-Methylphenol
Concen: 42.772 ng
RT: 8.434 min Scan# 892
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

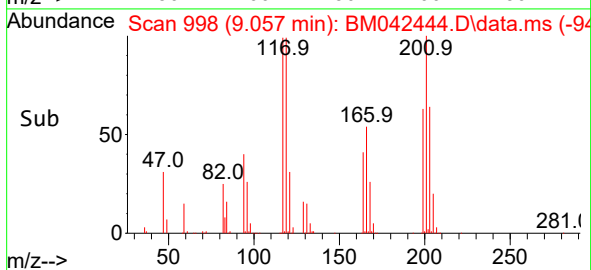
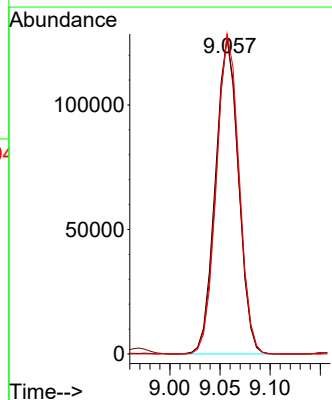
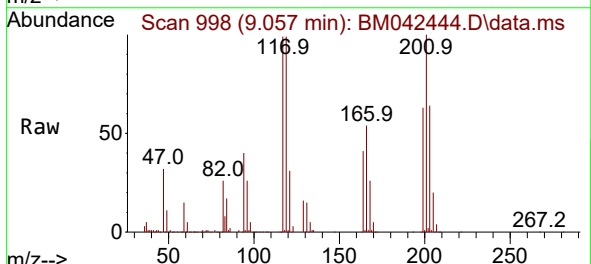
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

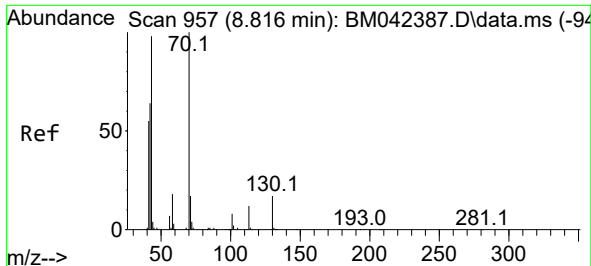
Tgt Ion:107 Resp: 415942
Ion Ratio Lower Upper
107 100
108 112.4 88.2 132.4
77 50.6 40.1 60.1
79 47.9 38.0 57.0



#18
Hexachloroethane
Concen: 48.011 ng
RT: 9.057 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:117 Resp: 203218
Ion Ratio Lower Upper
117 100
119 99.7 75.9 113.9
201 101.0 64.6 97.0#





#19

n-Nitroso-di-n-propylamine

Concen: 42.516 ng

RT: 8.810 min Scan# 957

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

Tgt Ion: 70 Resp: 410980

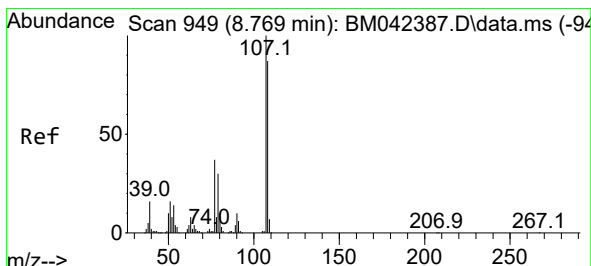
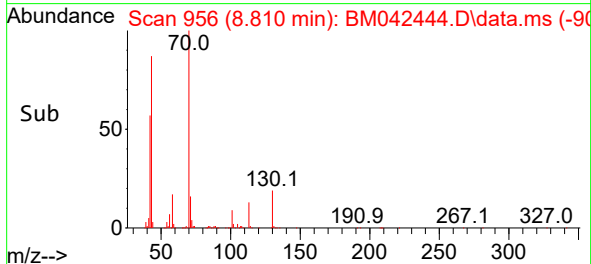
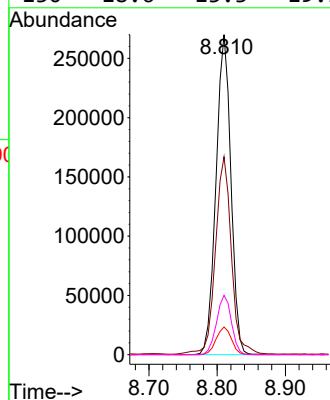
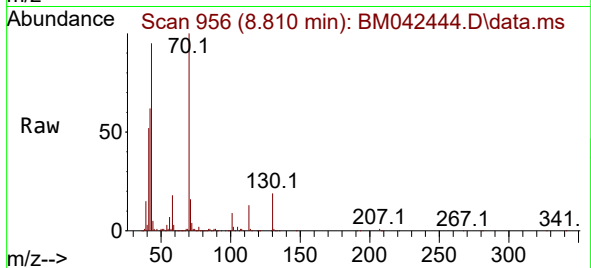
Ion Ratio Lower Upper

70 100

42 61.9 52.1 78.1

101 8.6 6.5 9.7

130 18.6 13.3 19.9



#20

3+4-Methylphenols

Concen: 42.855 ng

RT: 8.769 min Scan# 949

Delta R.T. -0.000 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Tgt Ion: 107 Resp: 558981

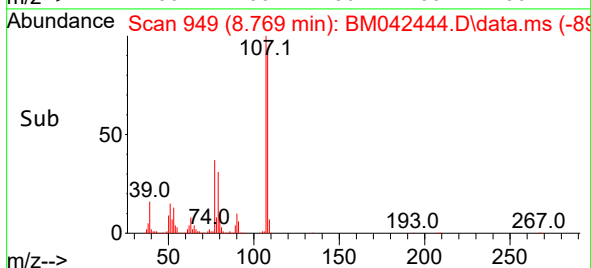
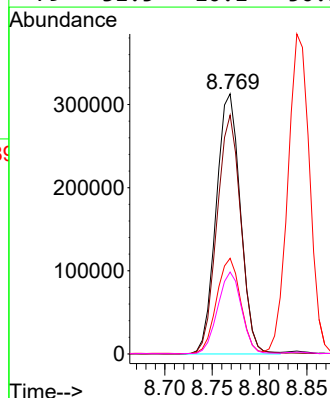
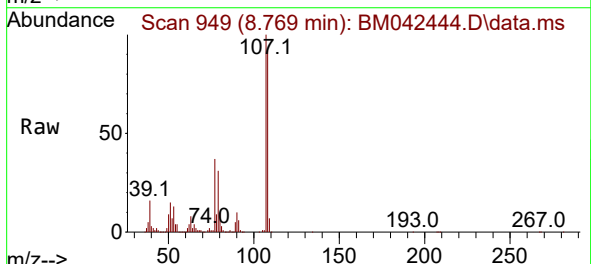
Ion Ratio Lower Upper

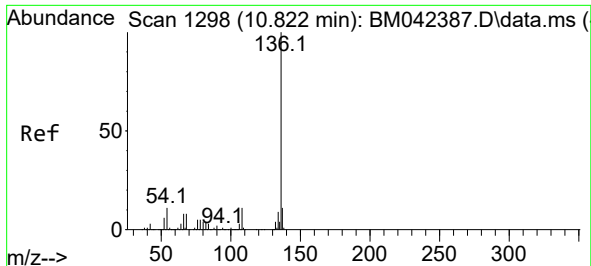
107 100

108 91.8 67.2 107.2

77 36.8 16.8 56.8

79 31.5 10.1 50.1

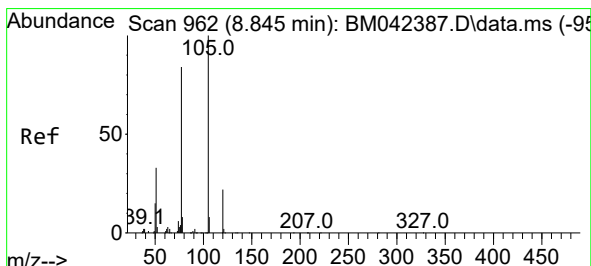
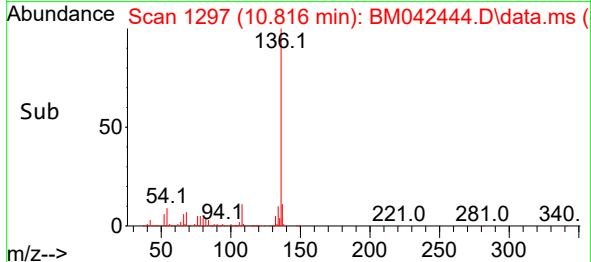
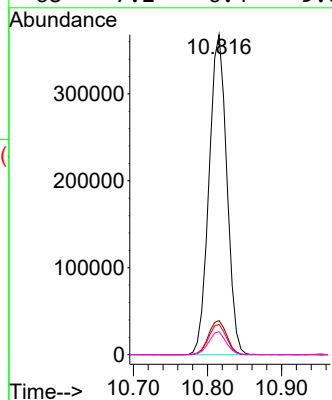
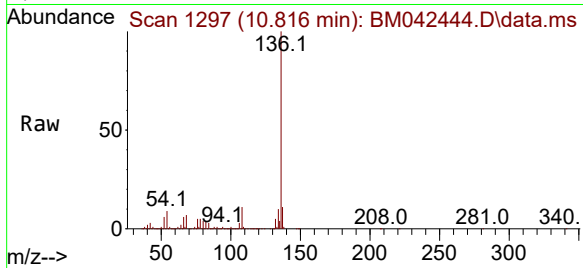




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

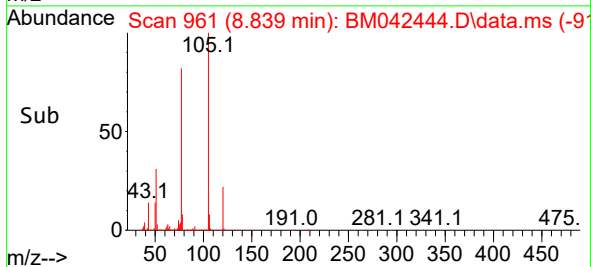
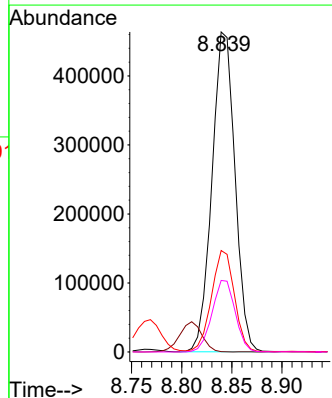
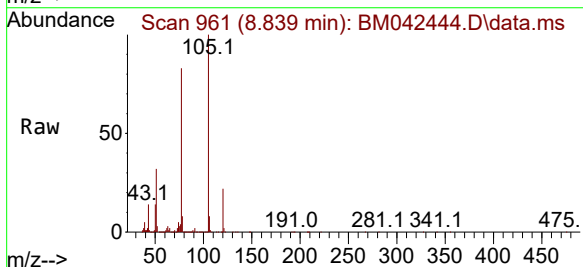
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

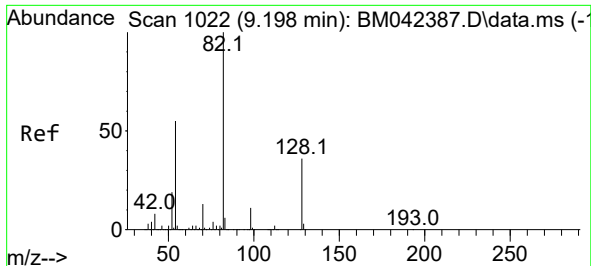
Tgt Ion:136 Resp: 612330
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.4 8.6 12.8
68 7.2 6.4 9.6



#22
Acetophenone
Concen: 44.251 ng
RT: 8.839 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:105 Resp: 739233
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1
51 31.7 27.1 40.7
120 22.3 17.3 25.9





#23

Nitrobenzene-d5

Concen: 62.724 ng

RT: 9.192 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

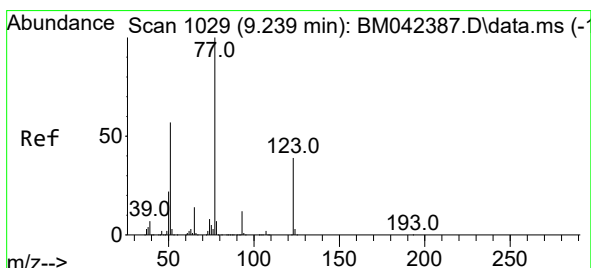
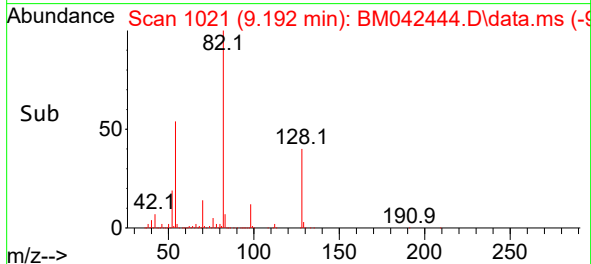
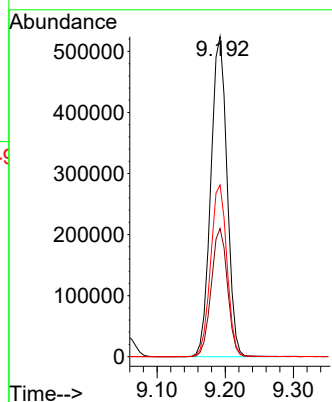
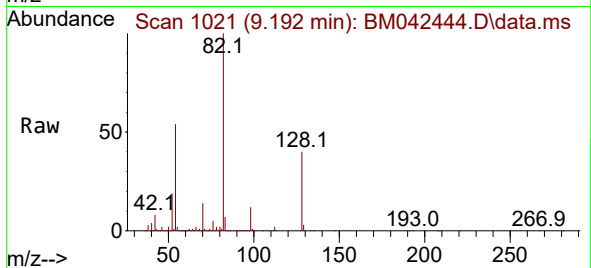
Tgt Ion: 82 Resp: 868572

Ion Ratio Lower Upper

82 100

128 40.0 29.0 43.6

54 53.6 43.7 65.5



#24

Nitrobenzene

Concen: 43.400 ng

RT: 9.233 min Scan# 1028

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

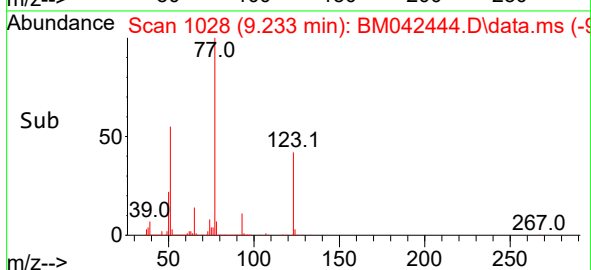
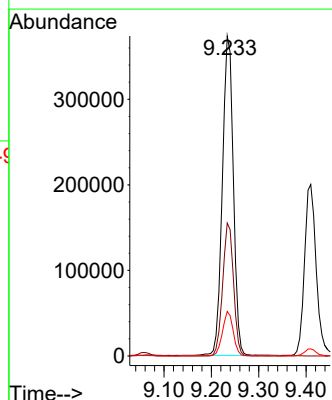
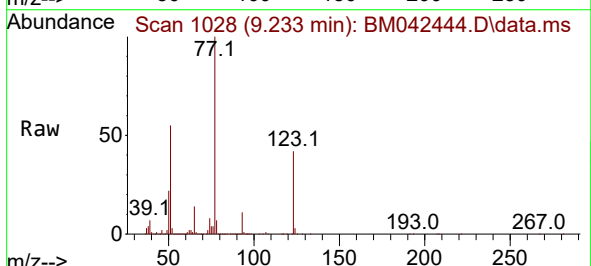
Tgt Ion: 77 Resp: 601257

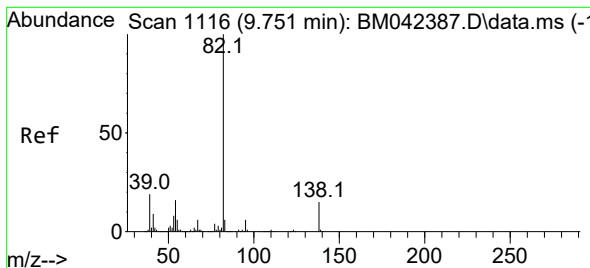
Ion Ratio Lower Upper

77 100

123 41.6 31.2 46.8

65 13.9 11.4 17.0





#25

Isophorone

Concen: 45.995 ng

RT: 9.745 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

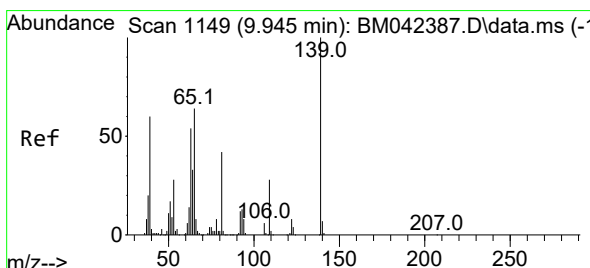
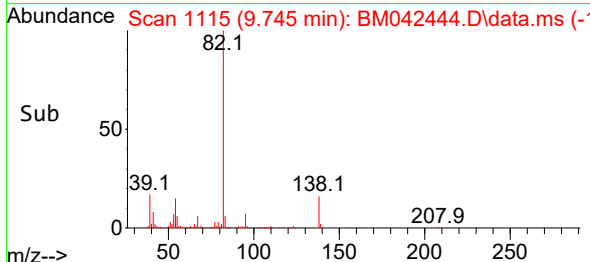
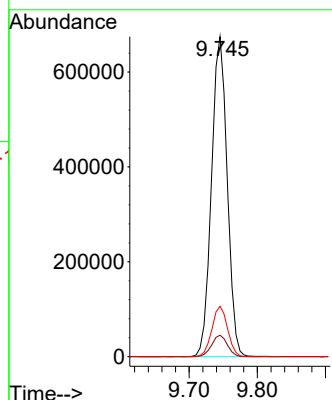
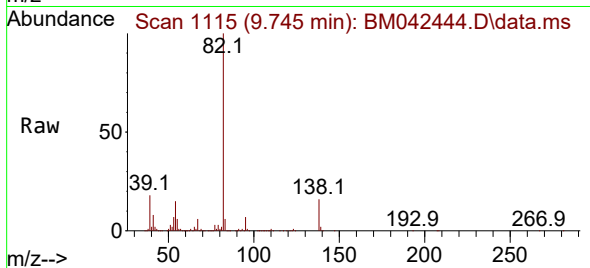
BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

Tgt Ion: 82 Resp: 1082394

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.1	7.7
138	15.8	11.8	17.6



#26

2-Nitrophenol

Concen: 48.594 ng

RT: 9.933 min Scan# 1147

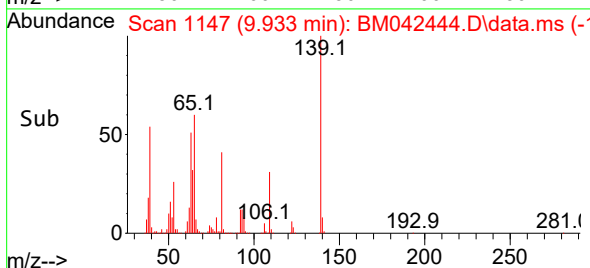
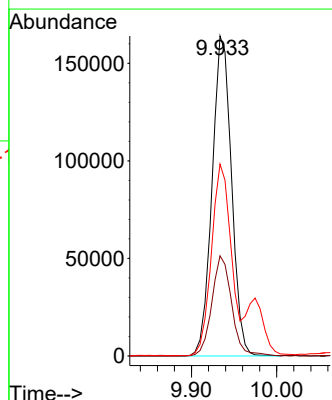
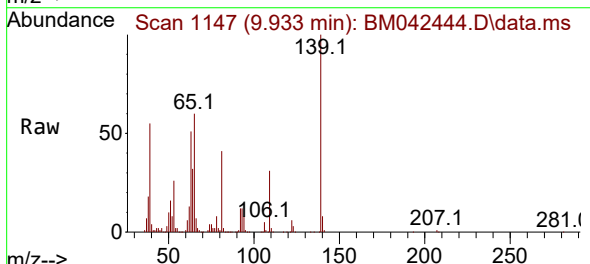
Delta R.T. -0.012 min

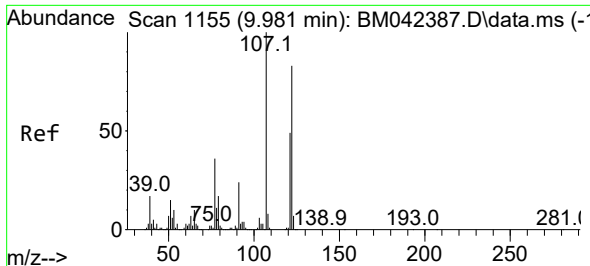
Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Tgt Ion: 139 Resp: 259290

Ion	Ratio	Lower	Upper
139	100		
109	31.3	22.3	33.5
65	60.0	51.1	76.7





#27

2,4-Dimethylphenol

Concen: 41.756 ng

RT: 9.975 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

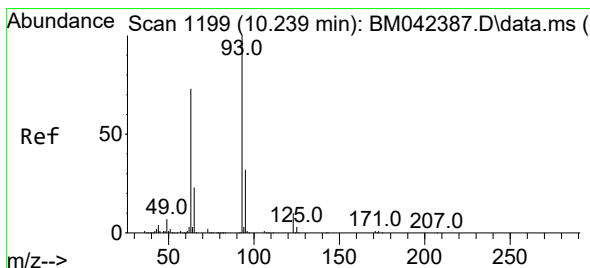
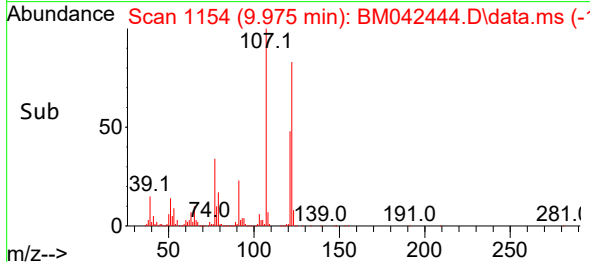
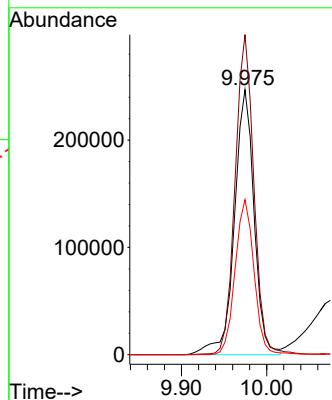
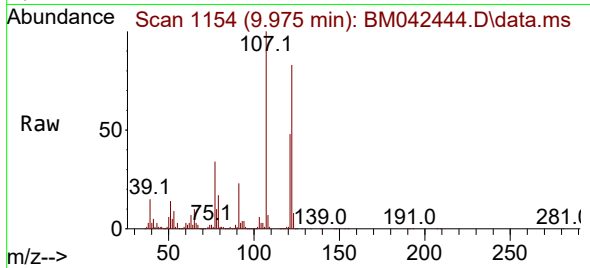
Tgt Ion:122 Resp: 398579

Ion Ratio Lower Upper

122 100

107 120.8 96.3 144.5

121 58.5 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.992 ng

RT: 10.233 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

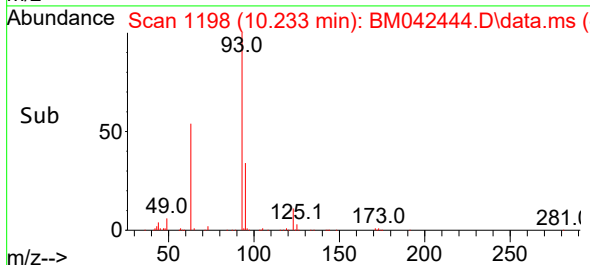
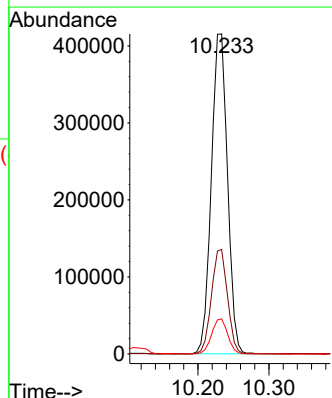
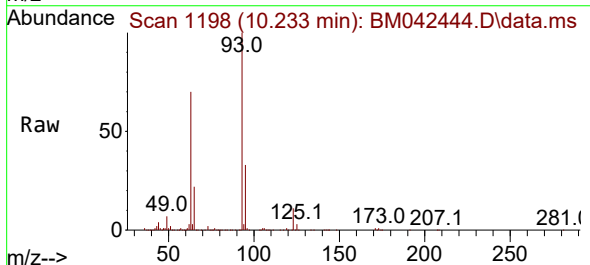
Tgt Ion: 93 Resp: 655900

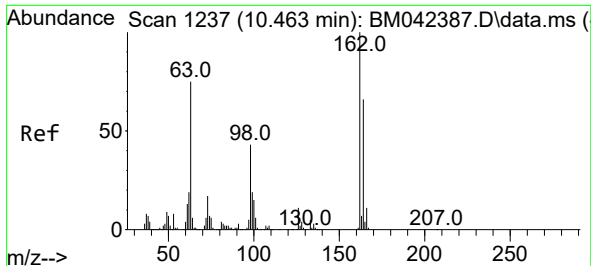
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

123 11.0 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 55.585 ng

RT: 10.457 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

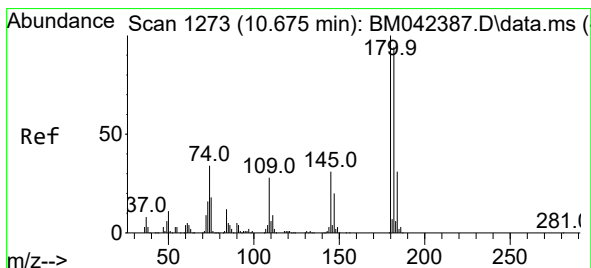
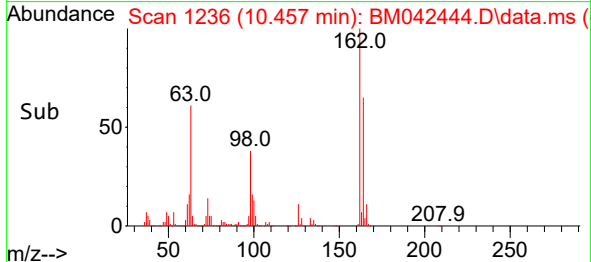
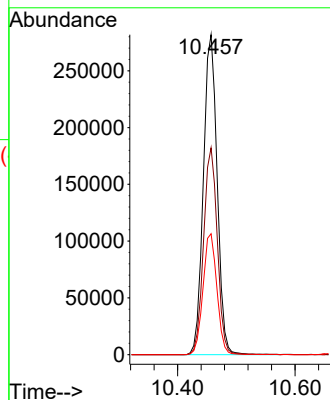
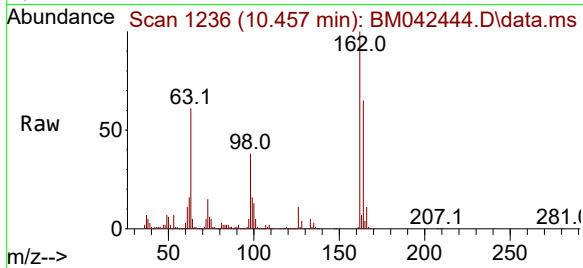
Tgt Ion:162 Resp: 461419

Ion Ratio Lower Upper

162 100

164 64.6 45.9 85.9

98 37.8 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 54.337 ng

RT: 10.663 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

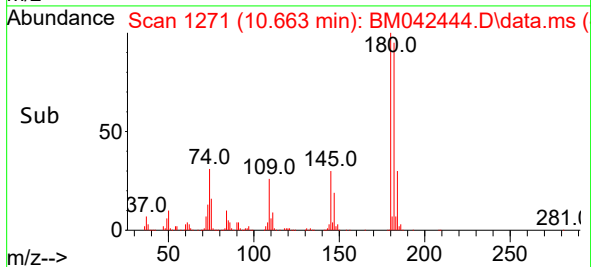
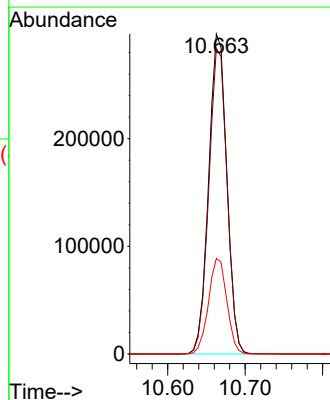
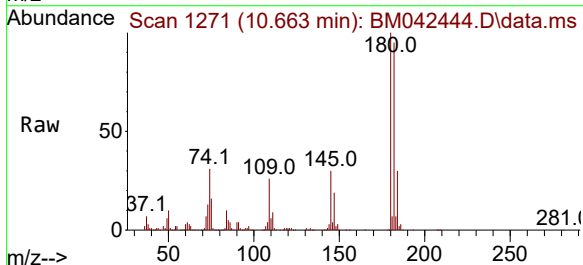
Tgt Ion:180 Resp: 483551

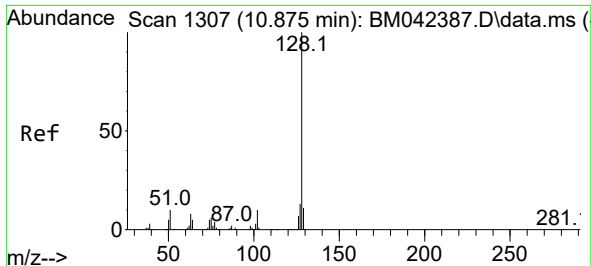
Ion Ratio Lower Upper

180 100

182 95.5 75.0 112.4

145 29.9 24.6 36.8

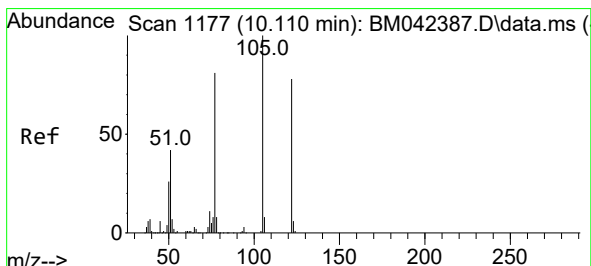
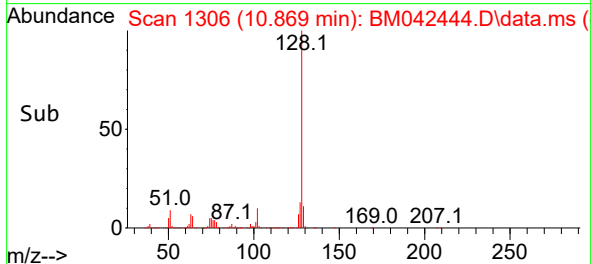
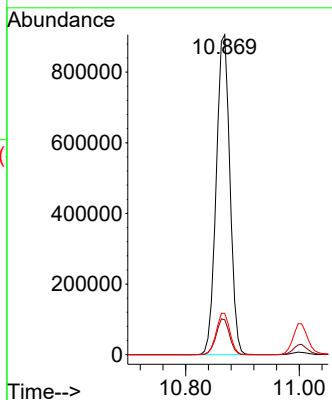
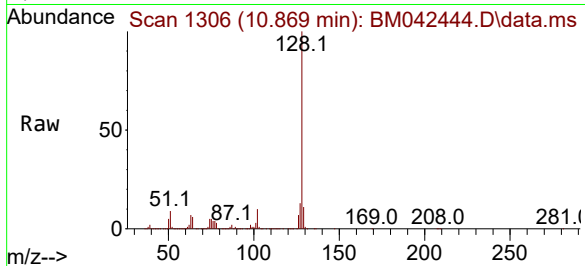




#31
Naphthalene
Concen: 48.134 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

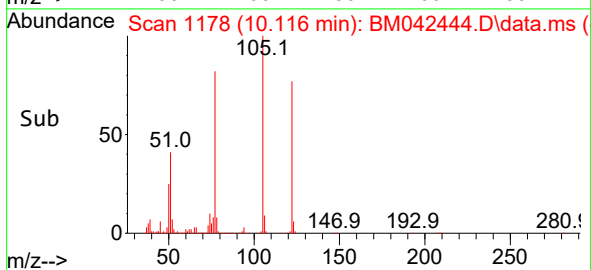
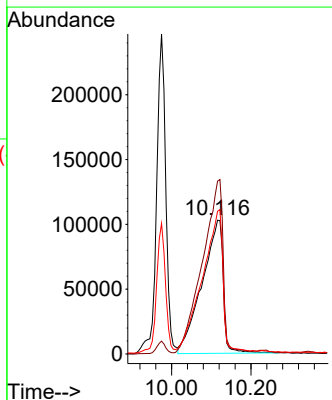
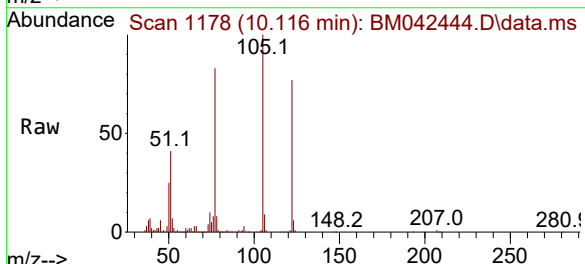
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

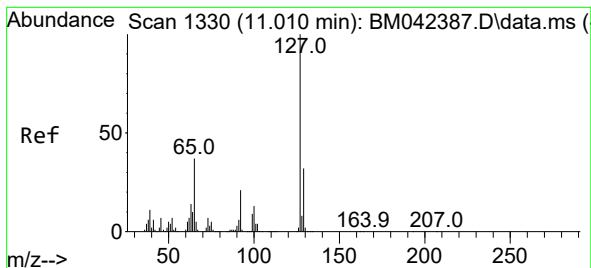
Tgt Ion:128 Resp: 1513902
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 53.686 ng
RT: 10.116 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:122 Resp: 379770
Ion Ratio Lower Upper
122 100
105 129.2 104.9 144.9
77 106.7 83.4 123.4





#33

4-Chloroaniline

Concen: 12.226 ng

RT: 10.998 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

Tgt Ion:127 Resp: 166956

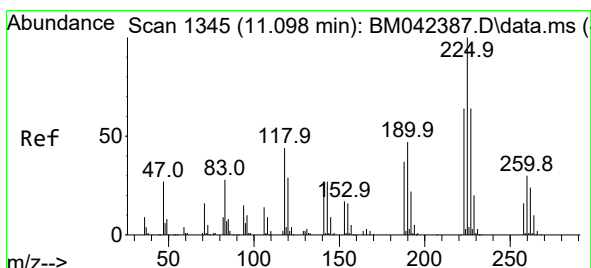
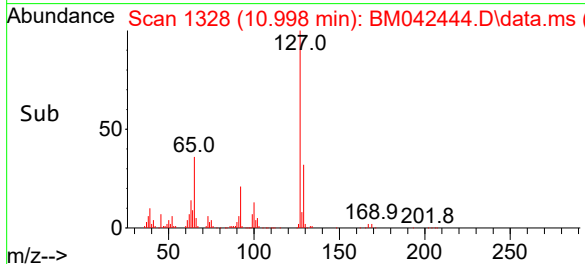
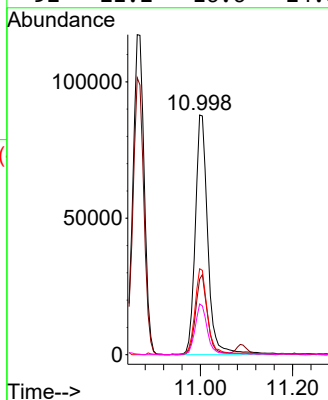
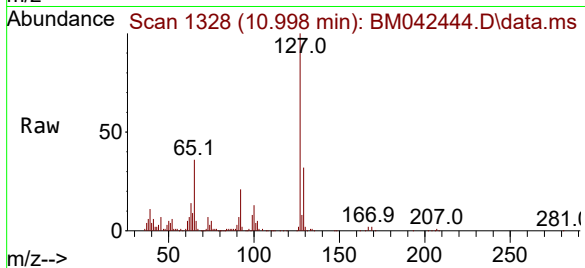
Ion Ratio Lower Upper

127 100

129 31.5 25.3 37.9

65 35.8 29.6 44.4

92 21.2 16.6 24.8



#34

Hexachlorobutadiene

Concen: 60.531 ng

RT: 11.092 min Scan# 1344

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

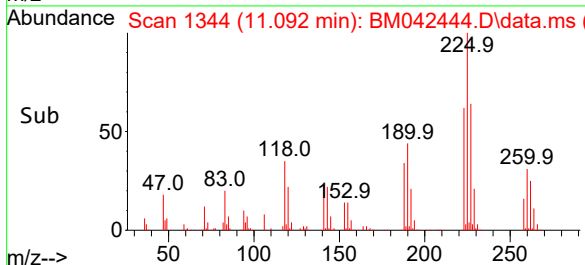
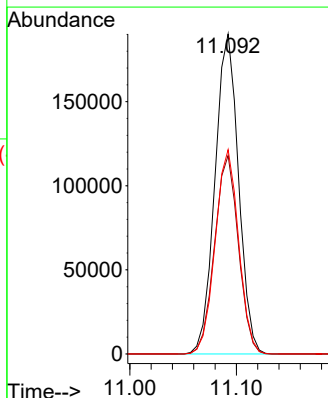
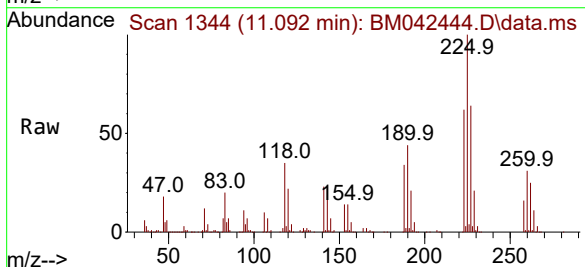
Tgt Ion:225 Resp: 291491

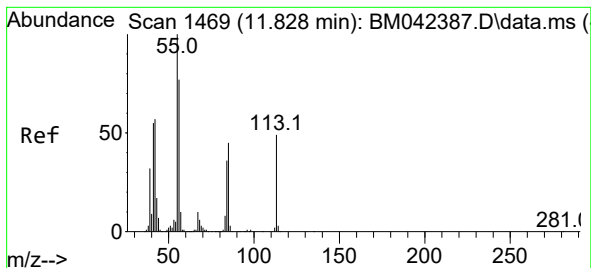
Ion Ratio Lower Upper

225 100

223 62.0 51.5 77.3

227 63.9 51.3 76.9

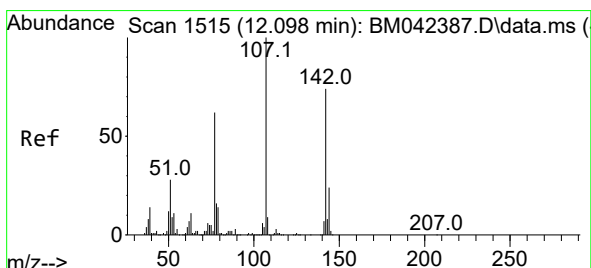
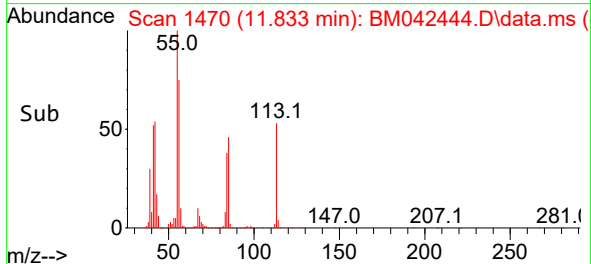
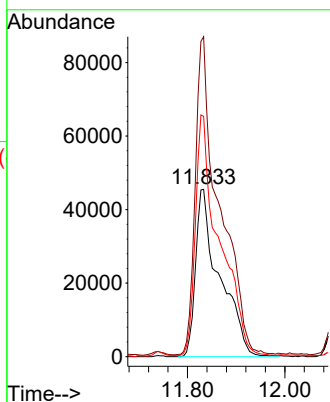
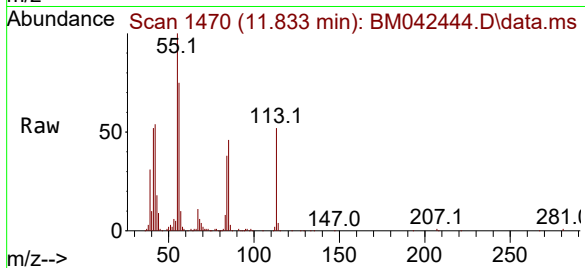




#35
Caprolactam
Concen: 47.434 ng
RT: 11.833 min Scan# 1469
Delta R.T. 0.005 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

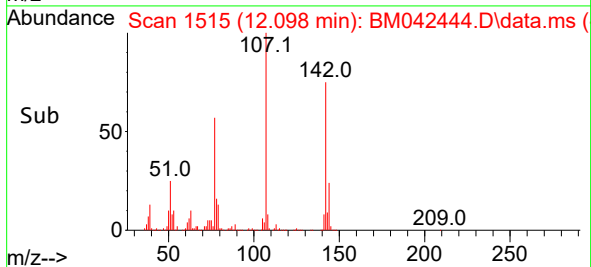
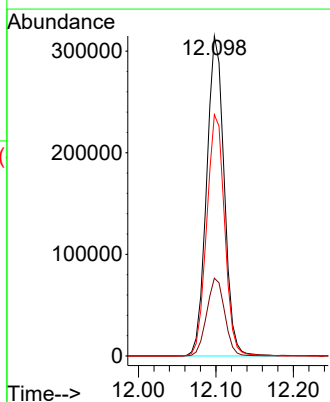
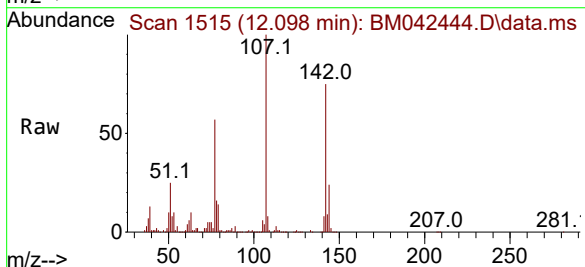
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

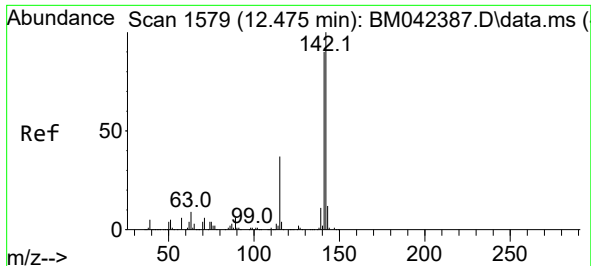
Tgt Ion:113 Resp: 156038
Ion Ratio Lower Upper
113 100
55 191.2 185.6 225.6
56 143.6 137.8 177.8



#36
4-Chloro-3-methylphenol
Concen: 49.508 ng
RT: 12.098 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:107 Resp: 495937
Ion Ratio Lower Upper
107 100
144 24.3 18.9 28.3
142 75.4 59.2 88.8





#37

2-Methylnaphthalene

Concen: 47.273 ng

RT: 12.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

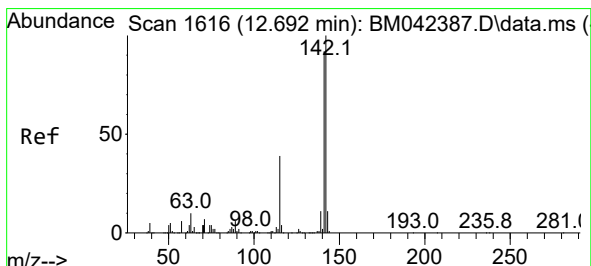
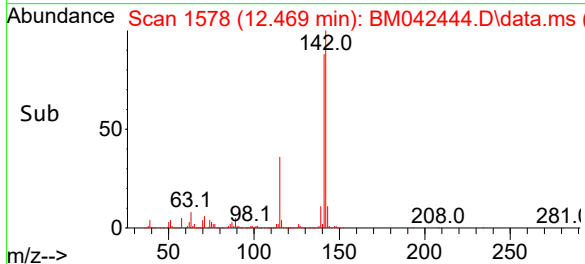
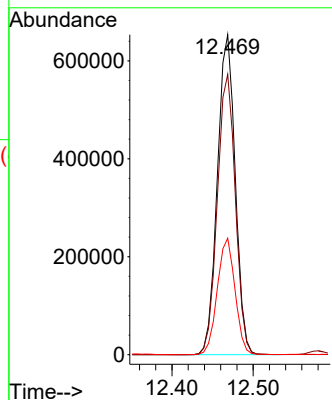
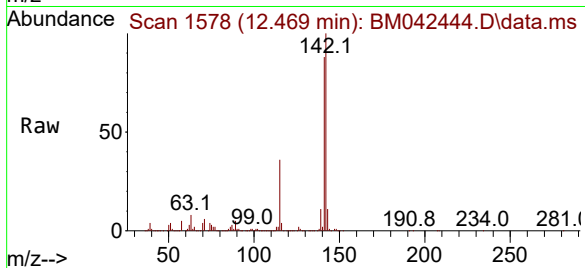
Tgt Ion:142 Resp: 1000882

Ion Ratio Lower Upper

142 100

141 87.6 72.0 108.0

115 36.4 29.4 44.2



#38

1-Methylnaphthalene

Concen: 48.980 ng

RT: 12.686 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

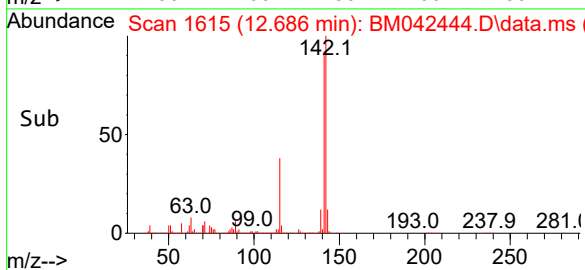
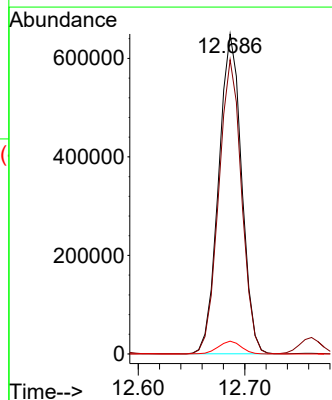
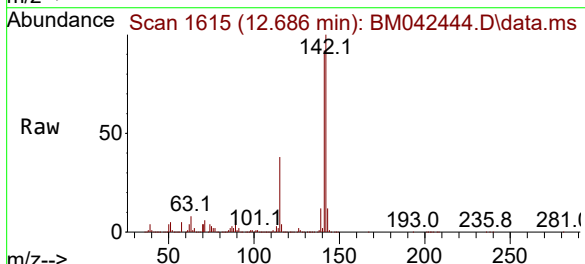
Tgt Ion:142 Resp: 971499

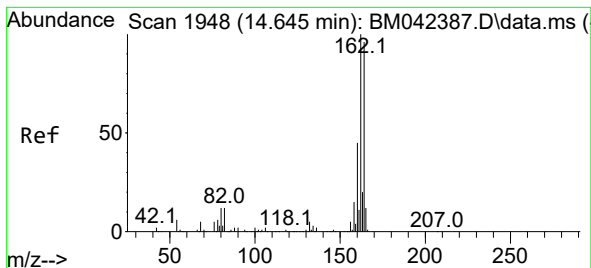
Ion Ratio Lower Upper

142 100

141 91.9 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: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

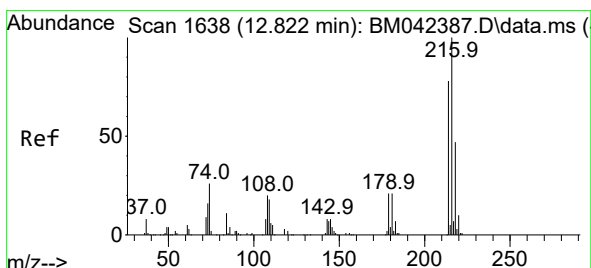
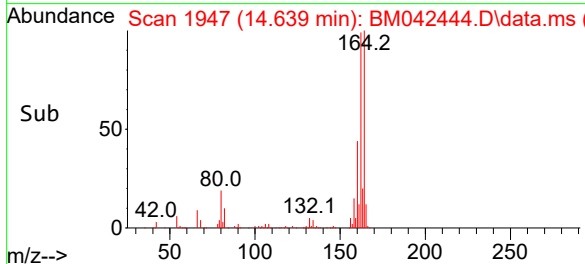
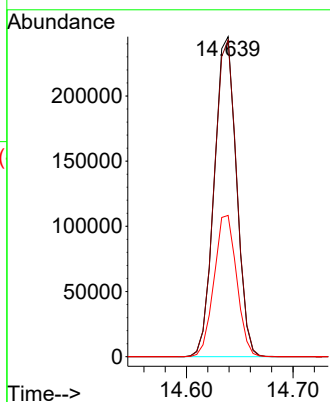
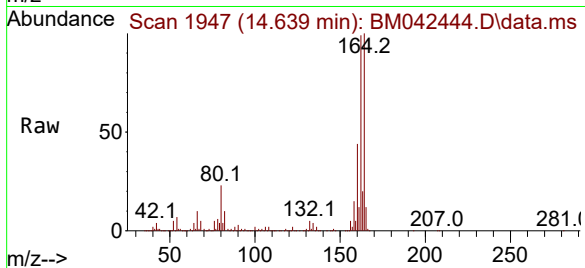
Tgt Ion:164 Resp: 353978

Ion Ratio Lower Upper

164 100

162 98.9 83.0 124.4

160 44.1 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.093 ng

RT: 12.816 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Tgt Ion:216 Resp: 543322

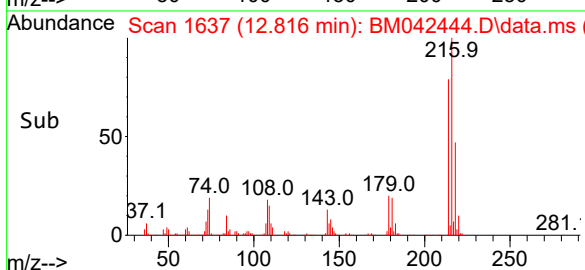
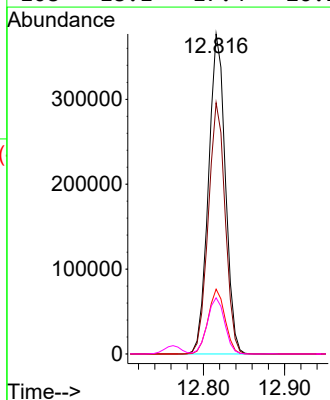
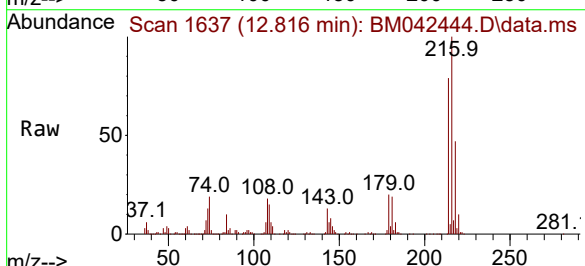
Ion Ratio Lower Upper

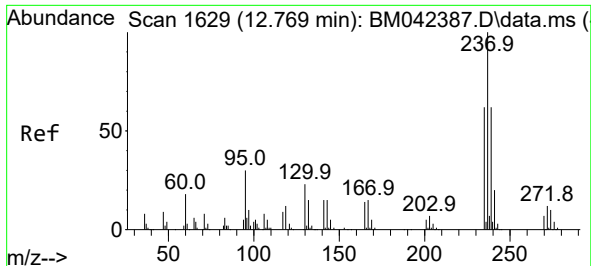
216 100

214 78.5 63.0 94.4

179 20.3 17.2 25.8

108 18.1 17.4 26.2

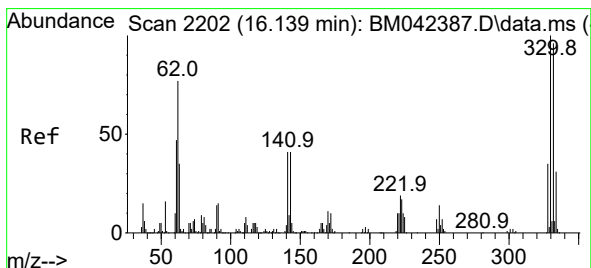
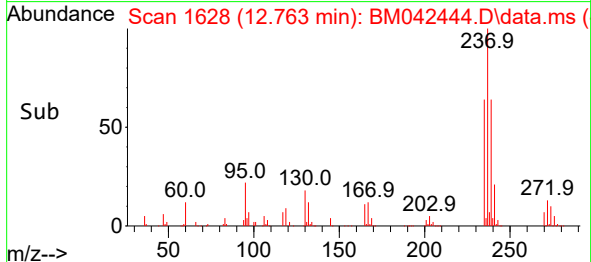
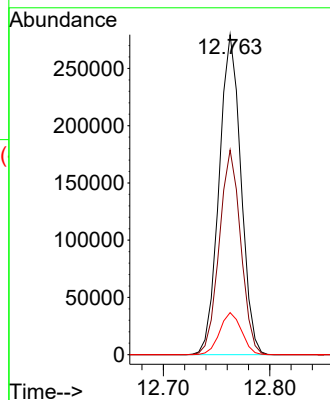
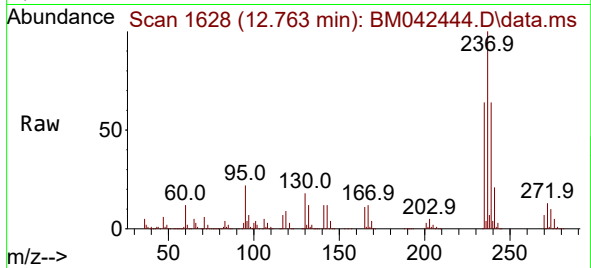




#41
Hexachlorocyclopentadiene
Concen: 72.044 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

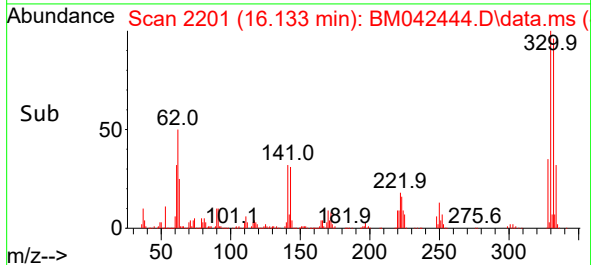
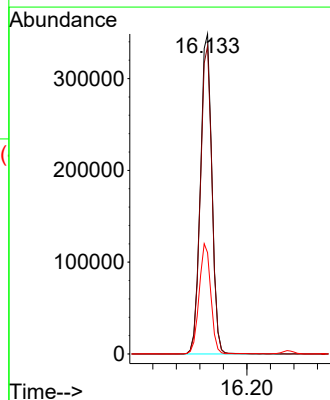
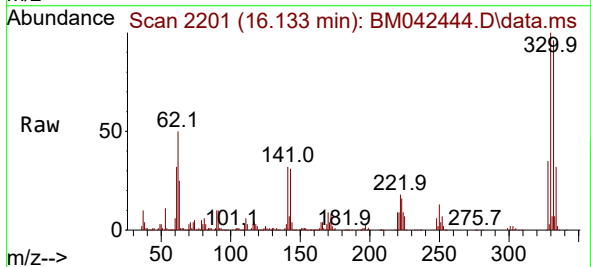
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

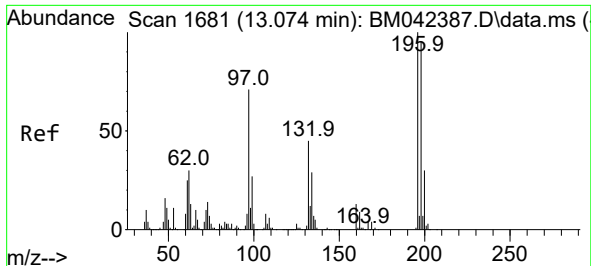
Tgt Ion:237 Resp: 397060
Ion Ratio Lower Upper
237 100
235 64.0 41.5 81.5
272 13.1 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 121.563 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:330 Resp: 472691
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 34.8 38.0 57.0#

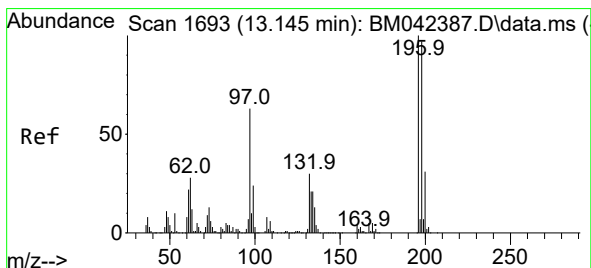
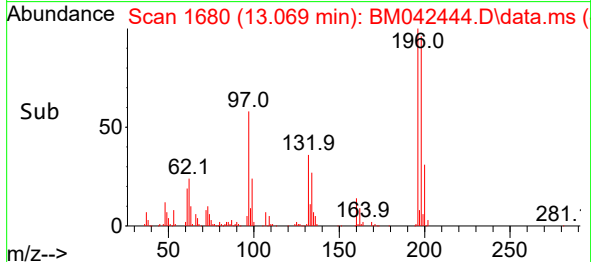
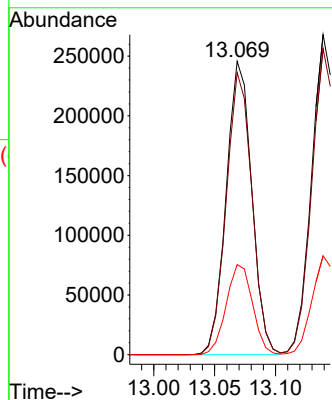
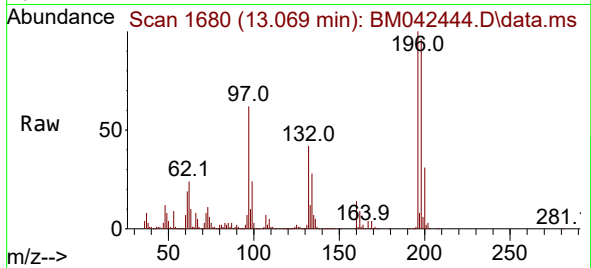




#43
2,4,6-Trichlorophenol
Concen: 54.418 ng
RT: 13.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

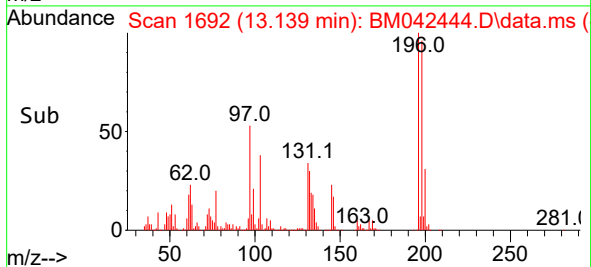
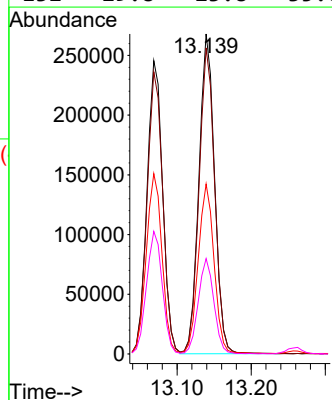
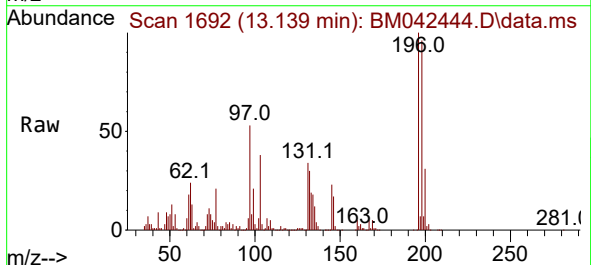
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

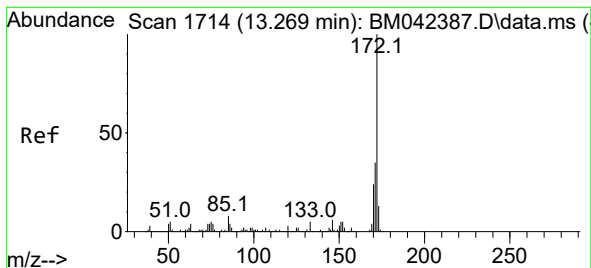
Tgt Ion:196 Resp: 360494
Ion Ratio Lower Upper
196 100
198 96.2 76.3 114.5
200 30.7 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 50.324 ng
RT: 13.139 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:196 Resp: 394091
Ion Ratio Lower Upper
196 100
198 95.6 77.9 116.9
97 53.1 50.9 76.3
132 29.8 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 65.354 ng

RT: 13.257 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

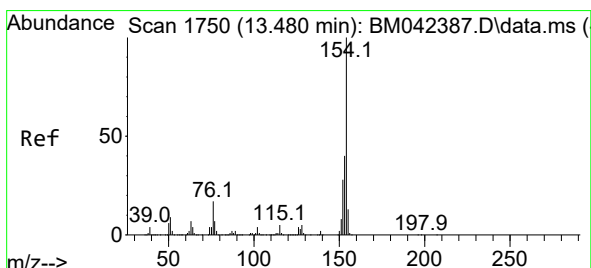
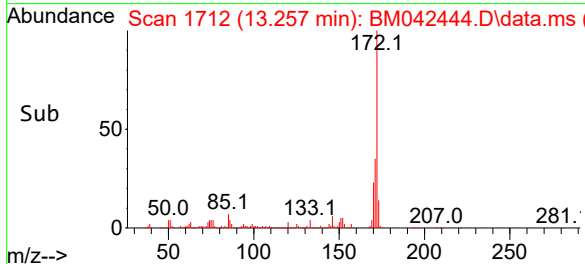
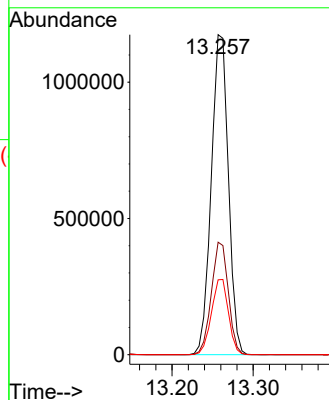
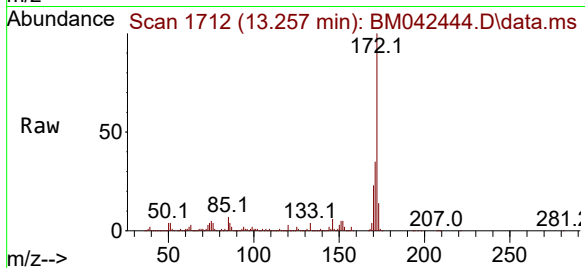
Tgt Ion:172 Resp: 1717942

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 46.991 ng

RT: 13.474 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

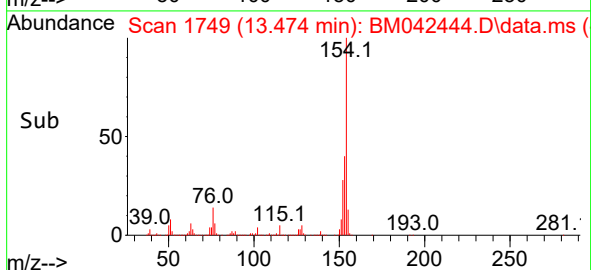
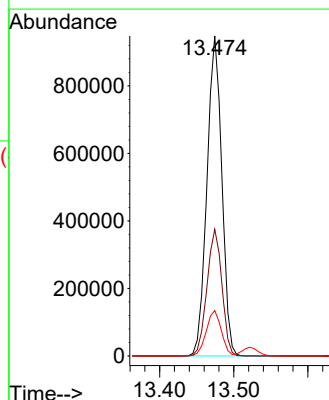
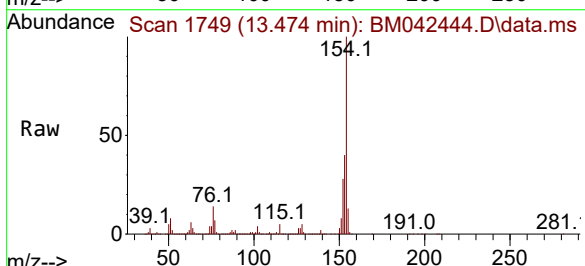
Tgt Ion:154 Resp: 1319580

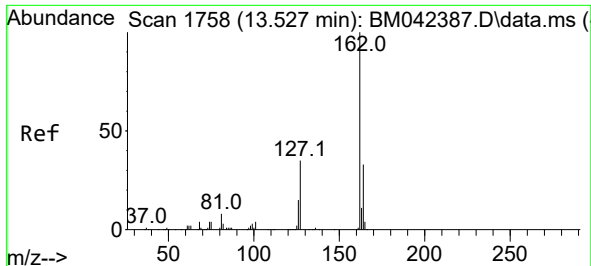
Ion Ratio Lower Upper

154 100

153 39.6 19.9 59.9

76 14.2 0.0 36.9

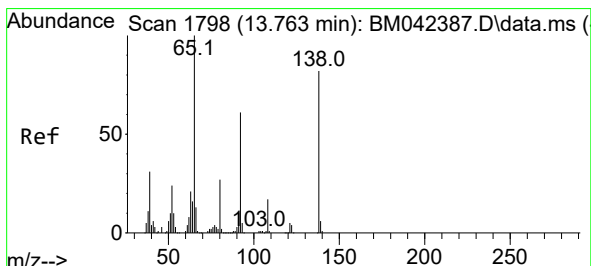
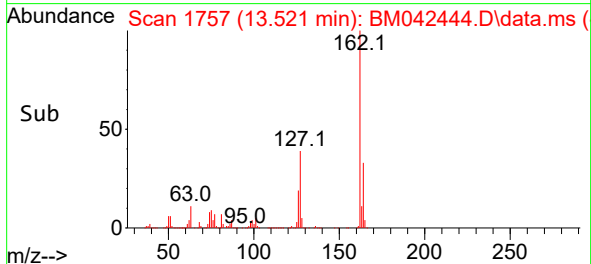
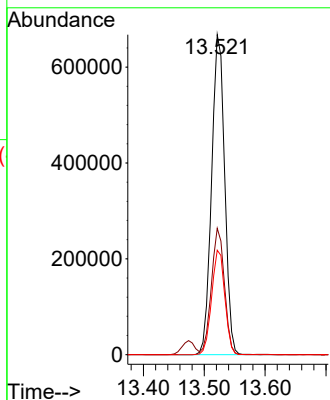
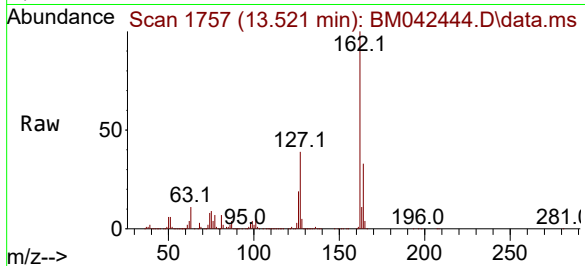




#47
2-Chloronaphthalene
Concen: 48.365 ng
RT: 13.521 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

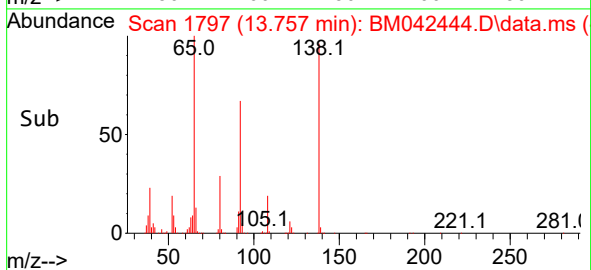
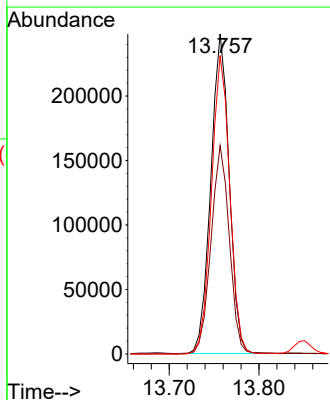
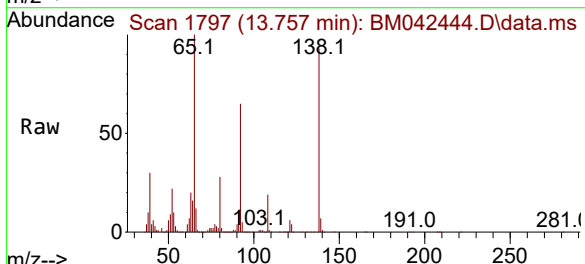
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

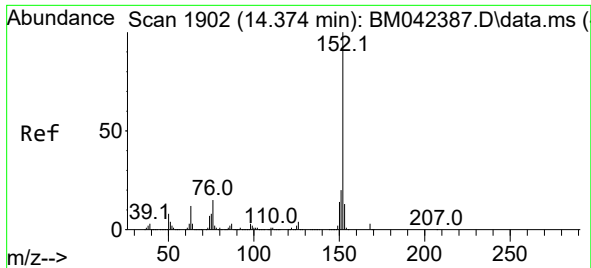
Tgt Ion:162 Resp: 996409
Ion Ratio Lower Upper
162 100
127 39.5 32.2 48.2
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 39.508 ng
RT: 13.757 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion: 65 Resp: 353260
Ion Ratio Lower Upper
65 100
92 65.1 49.0 73.6
138 93.3 65.5 98.3

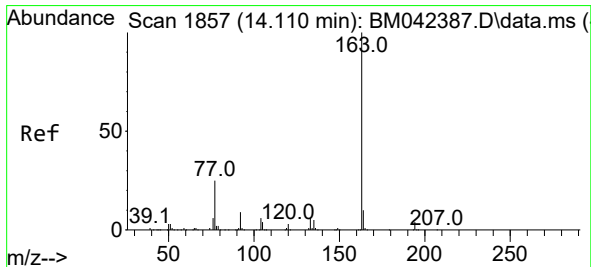
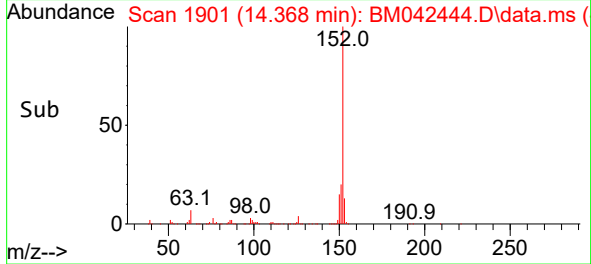
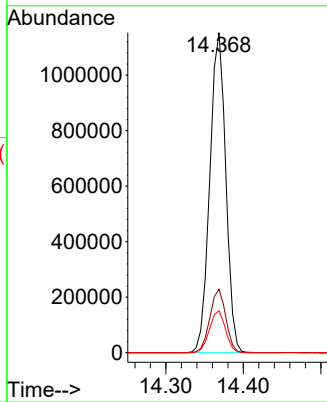
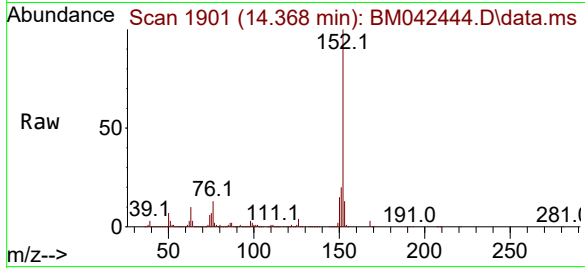




#49
Acenaphthylene
Concen: 49.660 ng
RT: 14.368 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

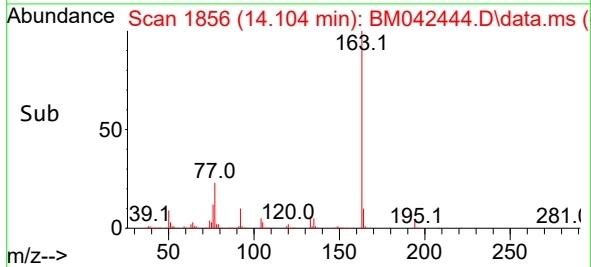
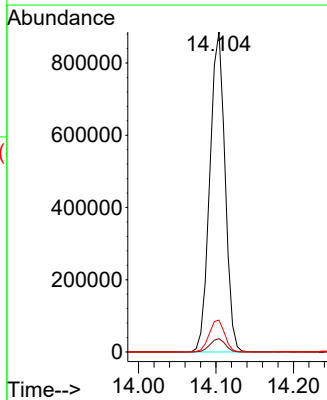
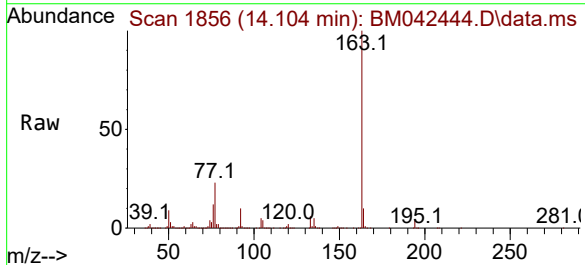
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

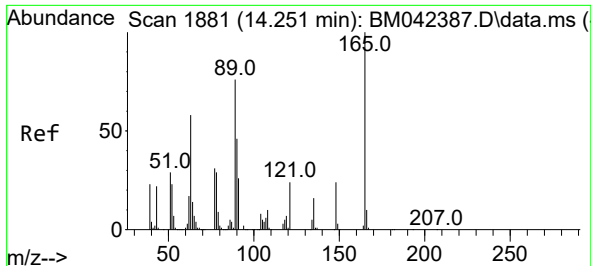
Tgt Ion:152 Resp: 1651708
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 46.558 ng
RT: 14.104 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:163 Resp: 1208845
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 9.9 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 44.925 ng

RT: 14.245 min Scan# 1881

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

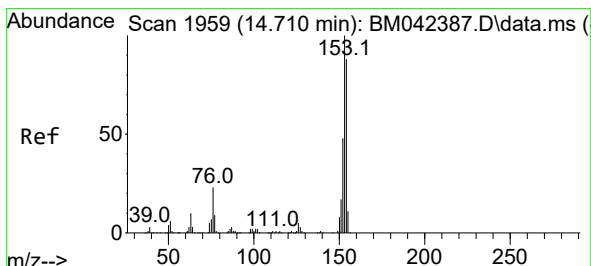
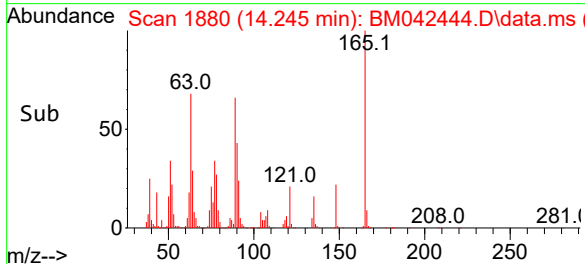
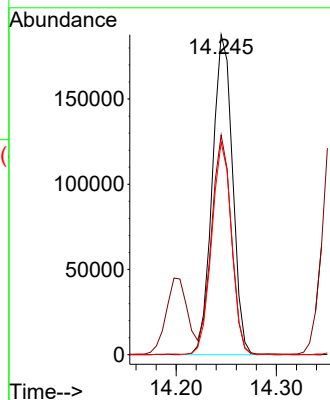
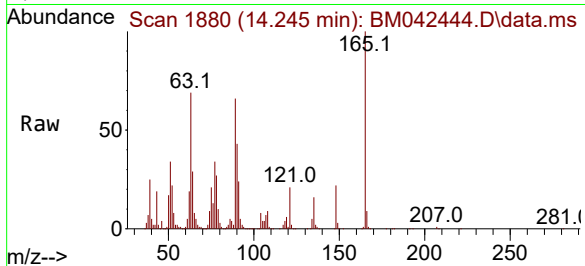
Tgt Ion:165 Resp: 262222

Ion Ratio Lower Upper

165 100

63 68.7 65.3 97.9

89 66.5 60.6 91.0



#52

Acenaphthene

Concen: 46.747 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

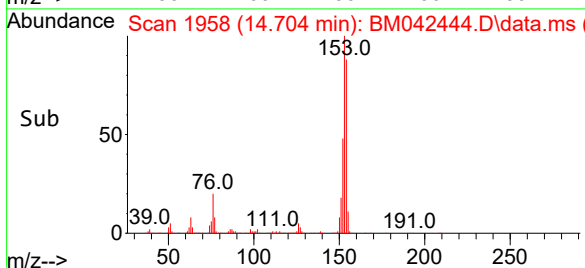
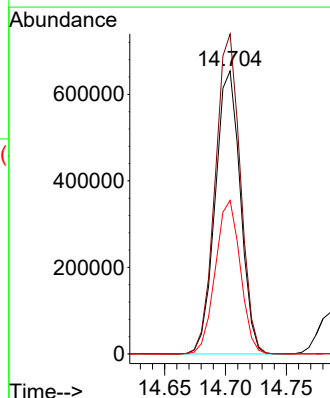
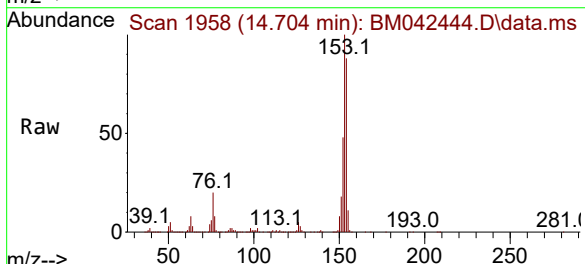
Tgt Ion:154 Resp: 939996

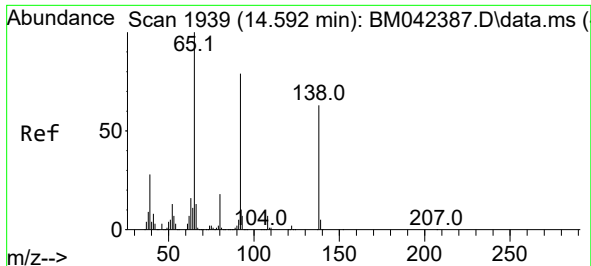
Ion Ratio Lower Upper

154 100

153 113.1 91.1 136.7

152 54.3 44.0 66.0

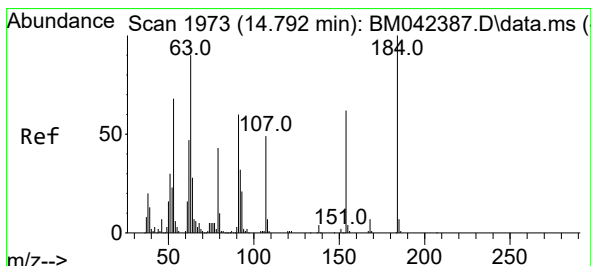
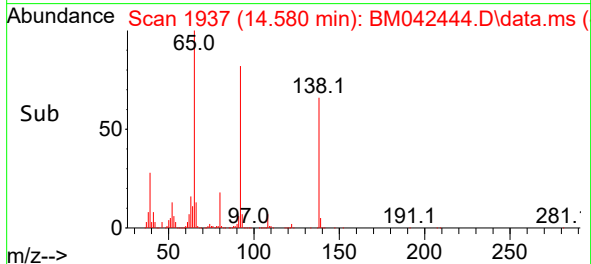
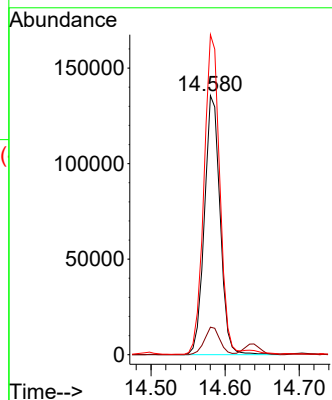
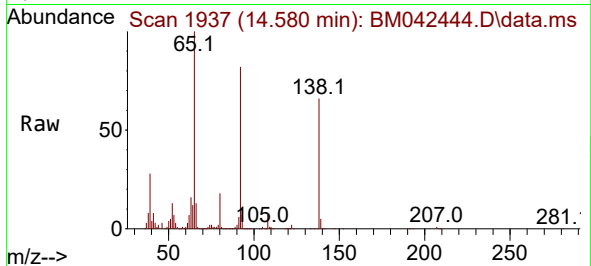




#53
3-Nitroaniline
Concen: 30.072 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

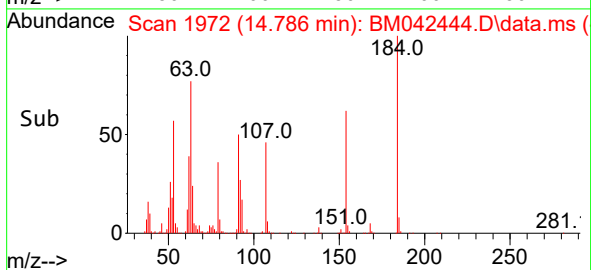
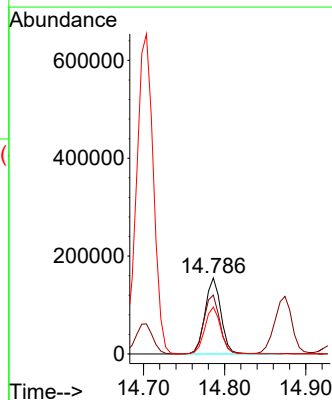
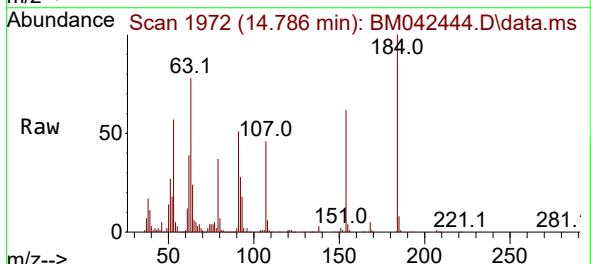
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

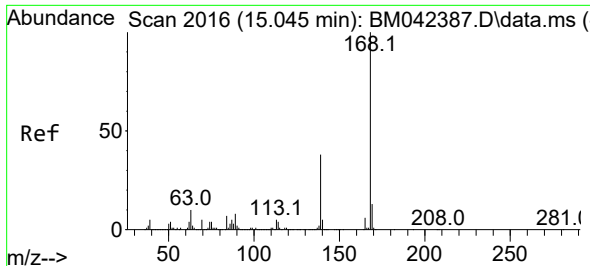
Tgt Ion:138 Resp: 199950
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 123.5 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 60.187 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:184 Resp: 210387
Ion Ratio Lower Upper
184 100
63 77.6 72.2 108.2
154 61.7 49.6 74.4

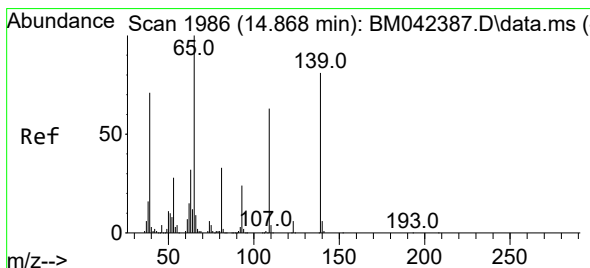
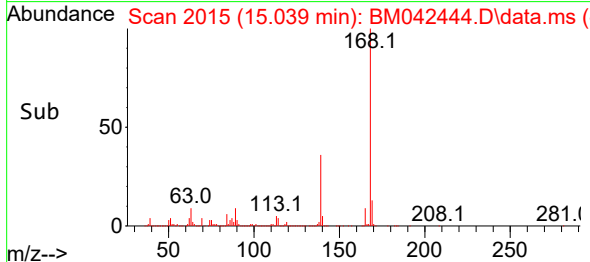
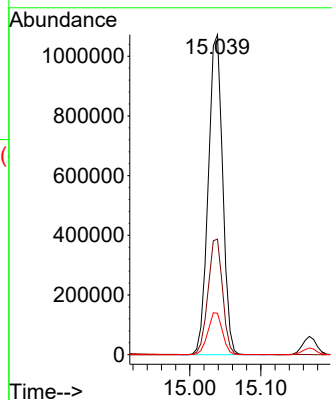
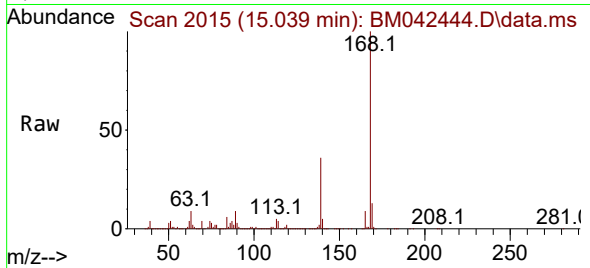




#55
Dibenzenofuran
Concen: 47.489 ng
RT: 15.039 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

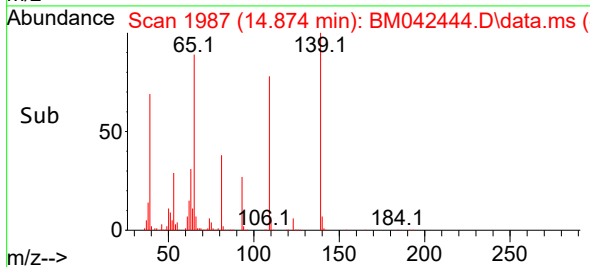
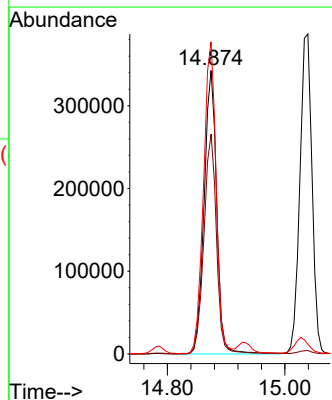
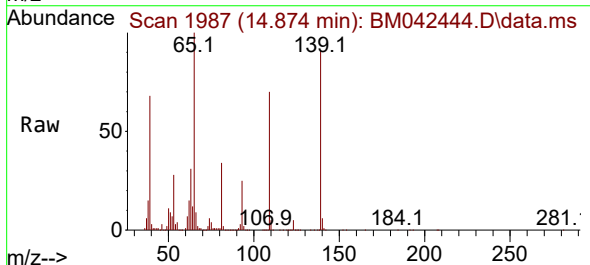
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

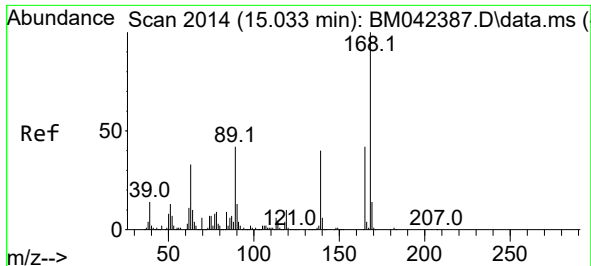
Tgt Ion:168 Resp: 1510376
Ion Ratio Lower Upper
168 100
139 36.1 30.6 46.0
169 12.9 10.4 15.6



#56
4-Nitrophenol
Concen: 96.676 ng
RT: 14.874 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:139 Resp: 511233
Ion Ratio Lower Upper
139 100
109 77.5 58.0 98.0
65 110.1 104.2 144.2





#57

2,4-Dinitrotoluene

Concen: 45.901 ng

RT: 15.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

Tgt Ion:165 Resp: 358384

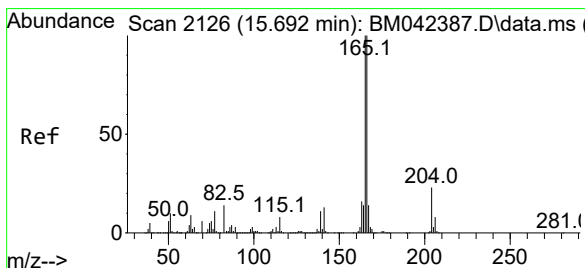
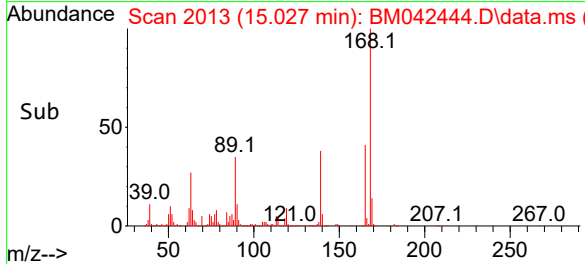
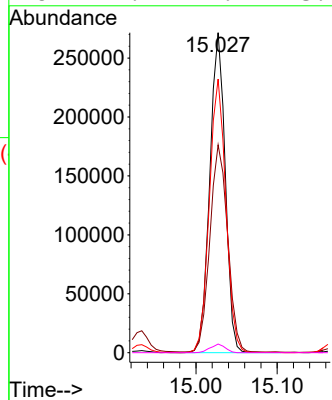
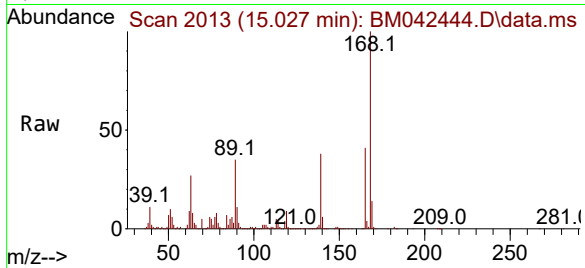
Ion Ratio Lower Upper

165 100

63 64.9 62.9 94.3

89 85.5 80.2 120.2

182 2.7 2.1 3.1



#58

Fluorene

Concen: 48.388 ng

RT: 15.686 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

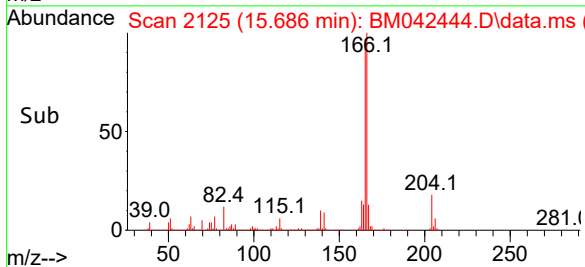
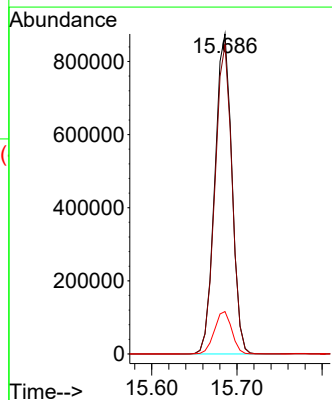
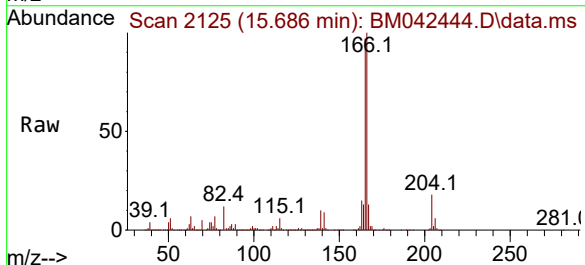
Tgt Ion:166 Resp: 1214392

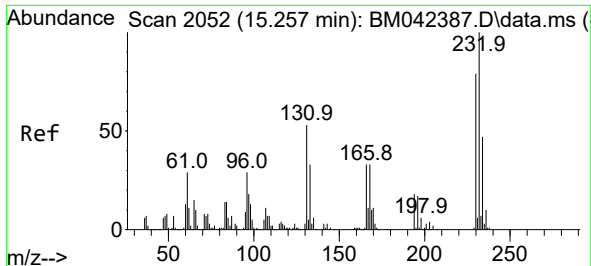
Ion Ratio Lower Upper

166 100

165 96.6 79.6 119.4

167 13.2 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 57.914 ng

RT: 15.251 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BM042444.D

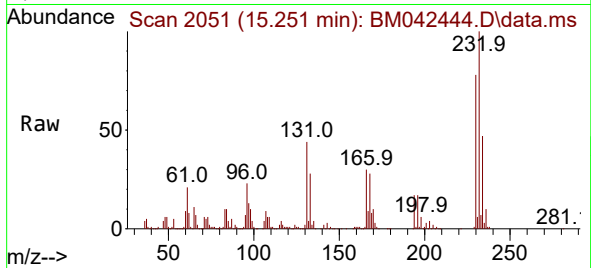
Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS



Tgt Ion:232 Resp: 340702

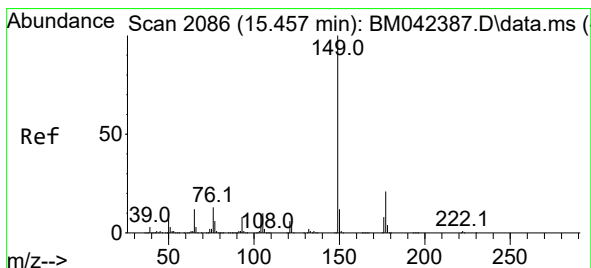
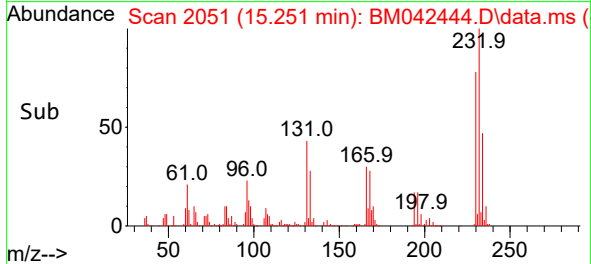
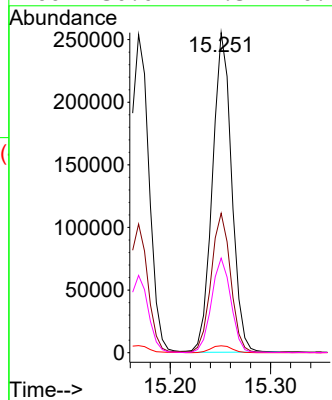
Ion Ratio Lower Upper

232 100

131 44.0 42.8 64.2

130 2.4 2.2 3.2

166 30.0 27.3 40.9



#60

Diethylphthalate

Concen: 47.460 ng

RT: 15.445 min Scan# 2084

Delta R.T. -0.012 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

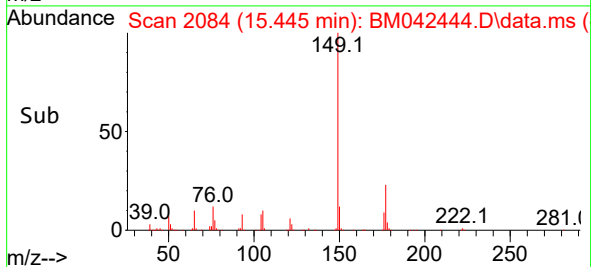
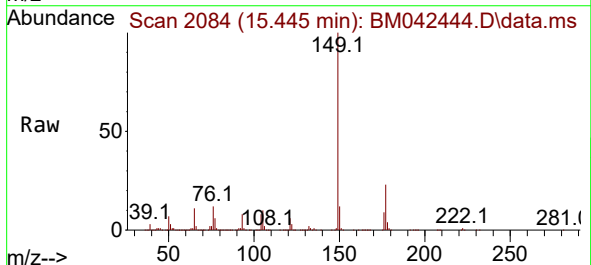
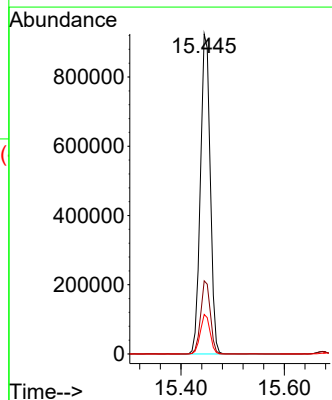
Tgt Ion:149 Resp: 1216037

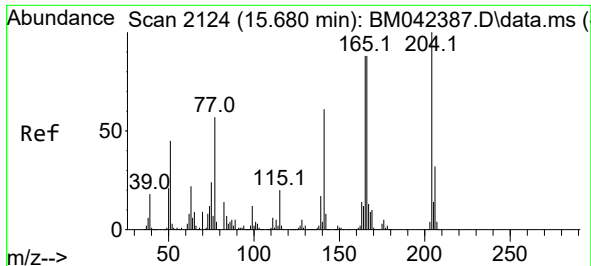
Ion Ratio Lower Upper

149 100

177 22.9 16.7 25.1

150 12.3 9.8 14.6

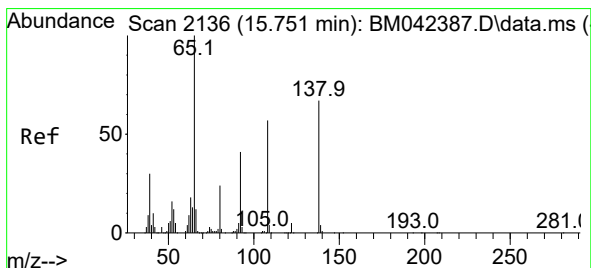
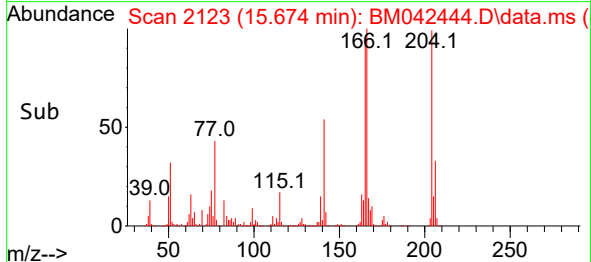
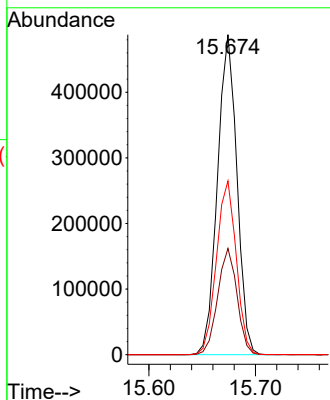
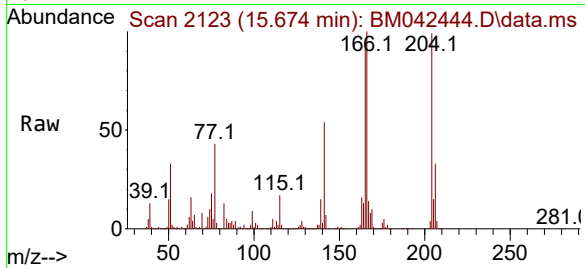




#61
4-Chlorophenyl-phenylether
Concen: 52.213 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

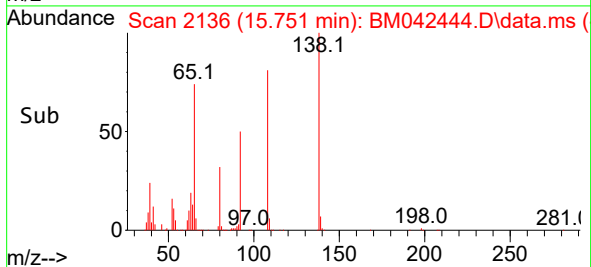
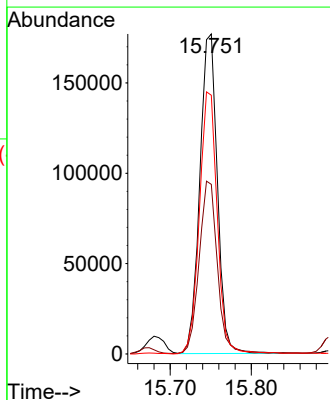
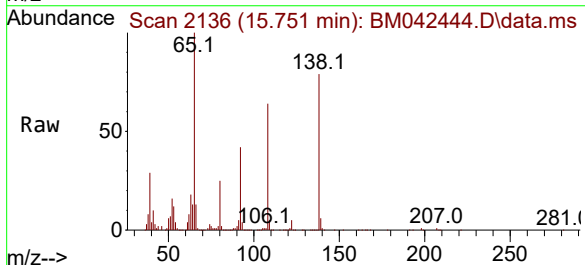
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

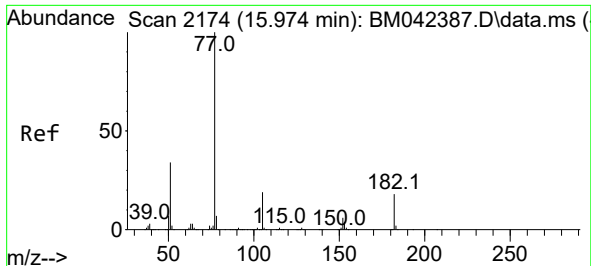
Tgt Ion:204 Resp: 617115
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.0
141 54.3 49.1 73.7



#62
4-Nitroaniline
Concen: 40.437 ng
RT: 15.751 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:138 Resp: 265394
Ion Ratio Lower Upper
138 100
92 53.0 40.4 80.4
108 80.8 65.3 105.3

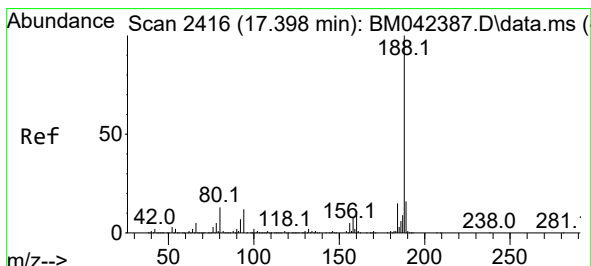
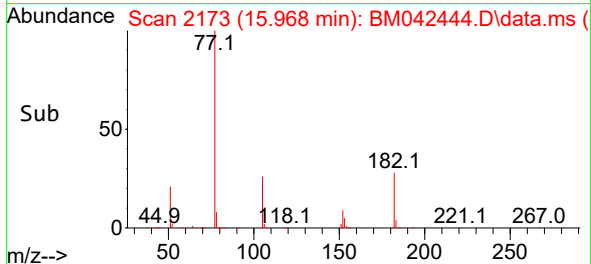
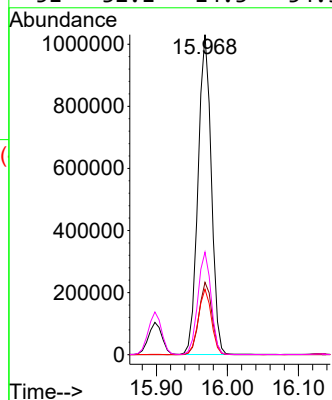
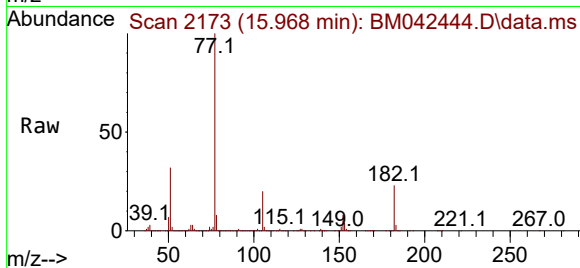




#63
Azobenzene
Concen: 43.502 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

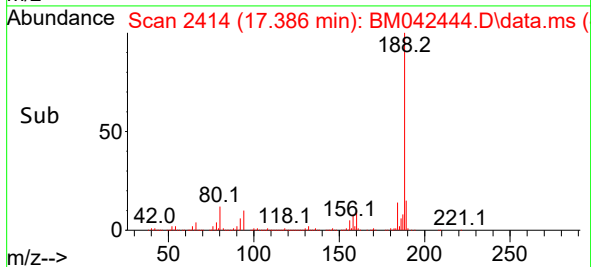
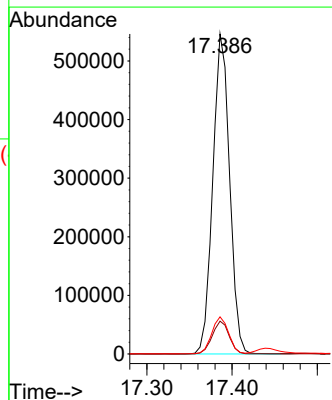
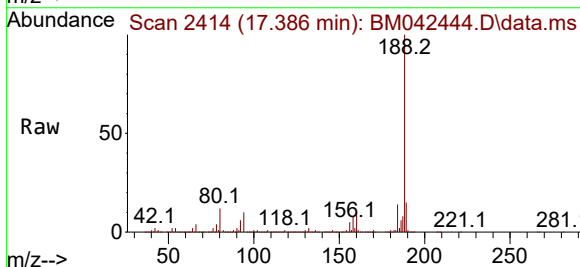
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

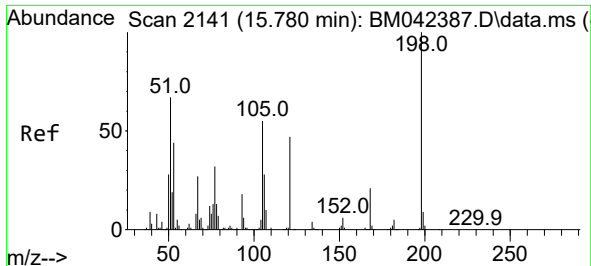
Tgt Ion: 77 Resp: 1337280
Ion Ratio Lower Upper
77 100
182 22.6 0.0 37.7
105 20.4 0.0 38.9
51 32.1 14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:188 Resp: 747885
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.0
80 11.6 10.7 16.1

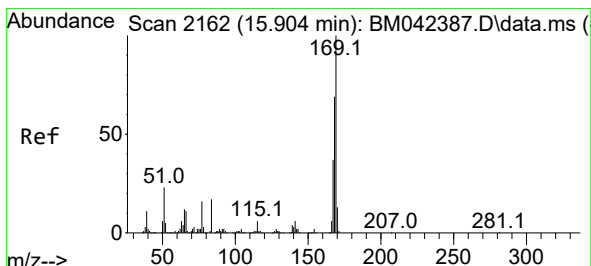
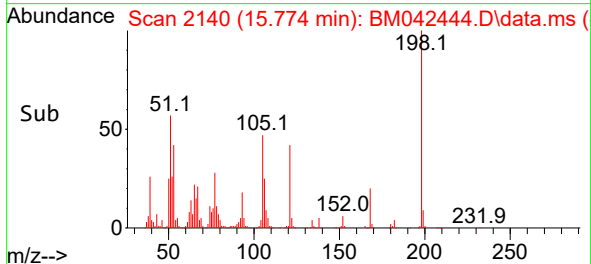
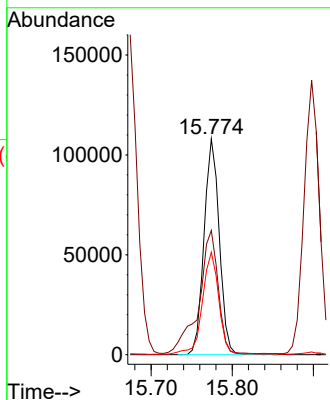
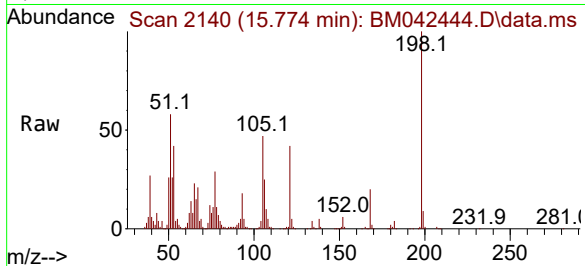




#65
4,6-Dinitro-2-methylphenol
Concen: 31.751 ng
RT: 15.774 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

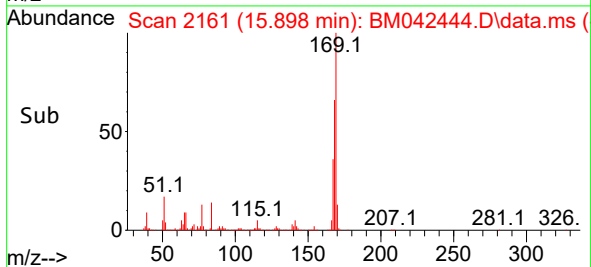
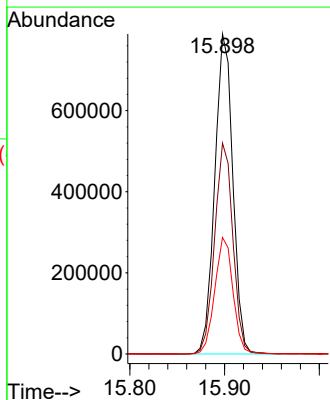
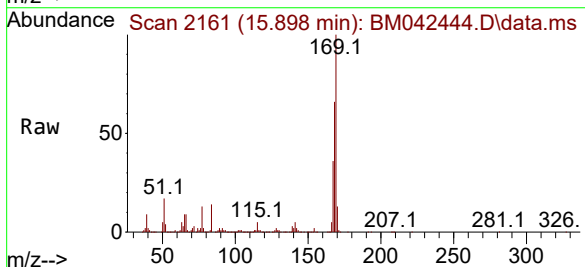
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

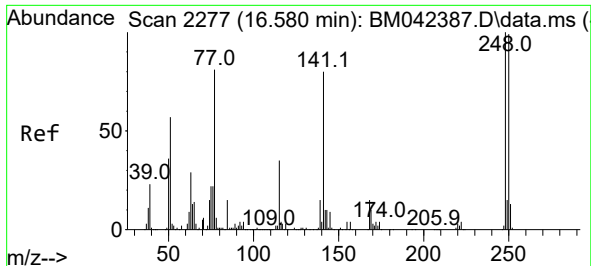
Tgt Ion:198 Resp: 140407
Ion Ratio Lower Upper
198 100
51 57.5 54.1 94.1
105 47.4 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 46.327 ng
RT: 15.898 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:169 Resp: 1043577
Ion Ratio Lower Upper
169 100
168 65.9 55.4 83.2
167 36.4 29.9 44.9

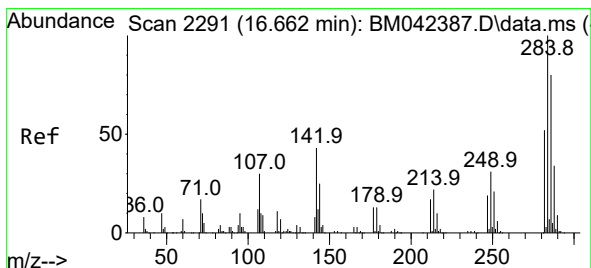
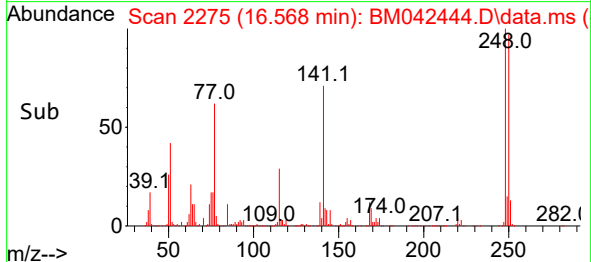
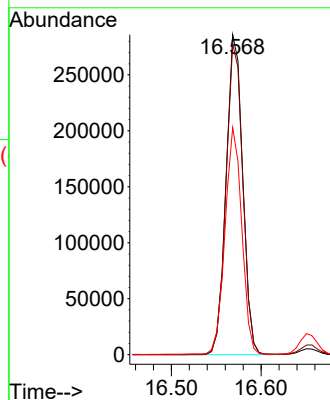
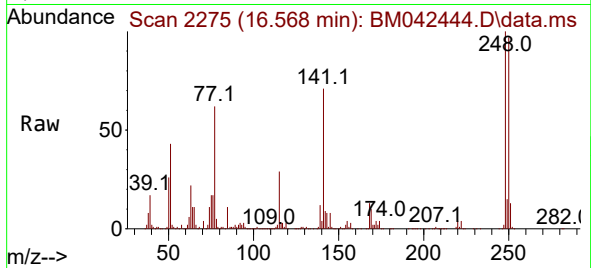




#67
4-Bromophenyl-phenylether
Concen: 53.124 ng
RT: 16.568 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

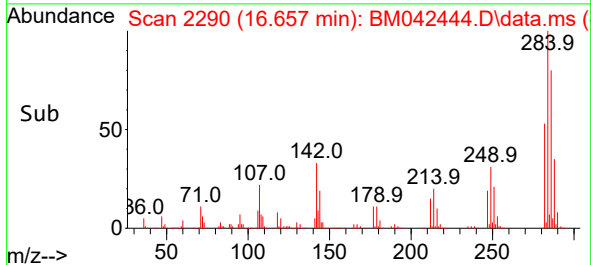
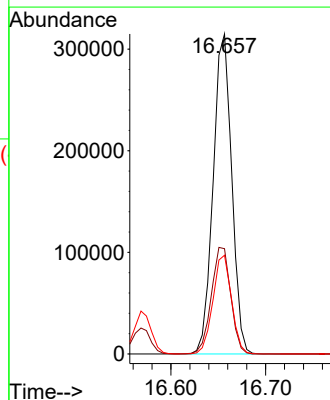
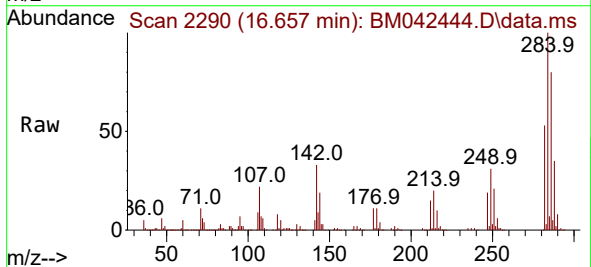
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

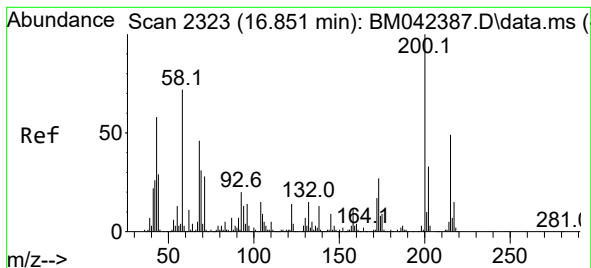
Tgt Ion:248 Resp: 368231
Ion Ratio Lower Upper
248 100
250 97.2 79.4 119.2
141 71.0 64.3 96.5



#68
Hexachlorobenzene
Concen: 57.974 ng
RT: 16.657 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:284 Resp: 429538
Ion Ratio Lower Upper
284 100
142 32.9 34.2 51.2#
249 30.8 24.7 37.1





#69

Atrazine

Concen: 66.520 ng

RT: 16.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

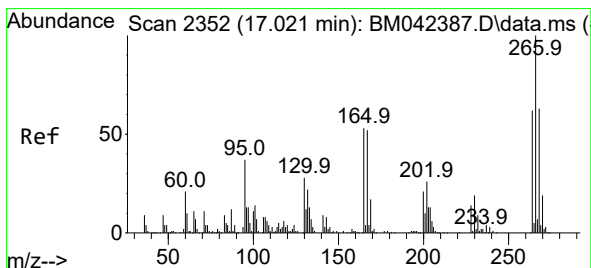
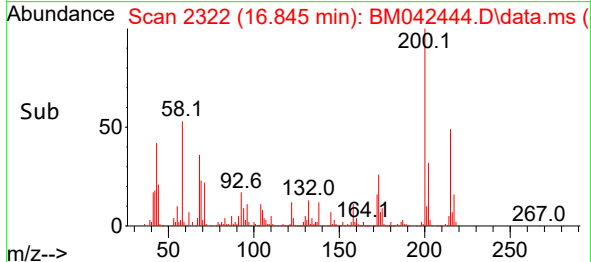
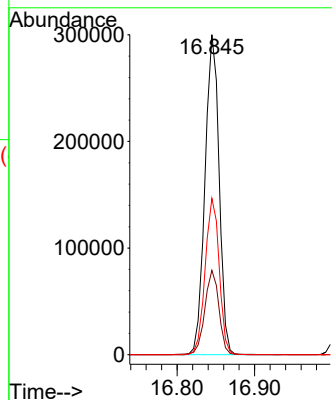
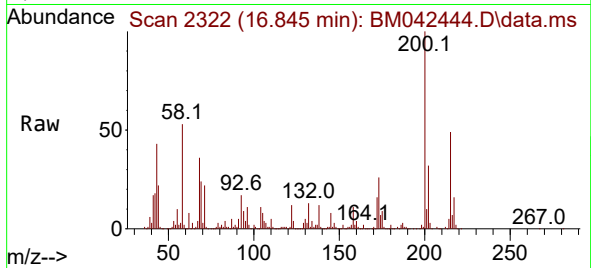
Tgt Ion:200 Resp: 379990

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

215 48.9 28.6 68.6



#70

Pentachlorophenol

Concen: 97.930 ng

RT: 17.015 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

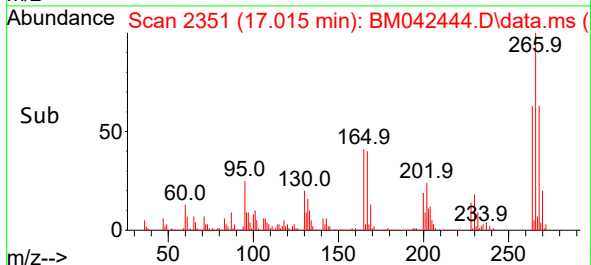
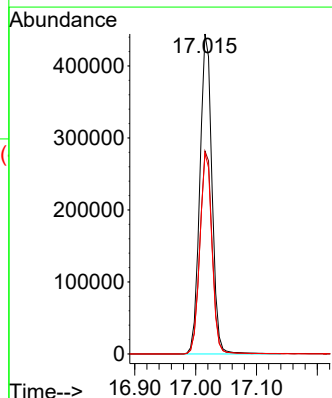
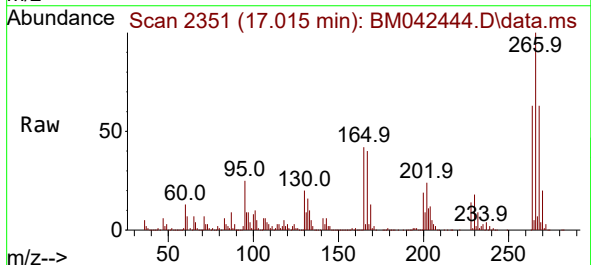
Tgt Ion:266 Resp: 614695

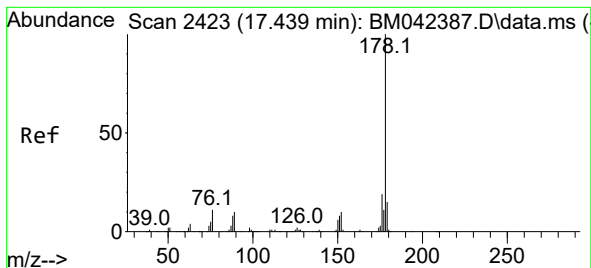
Ion Ratio Lower Upper

266 100

268 63.4 50.6 76.0

264 62.7 49.4 74.0





#71

Phenanthrene

Concen: 47.129 ng

RT: 17.433 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

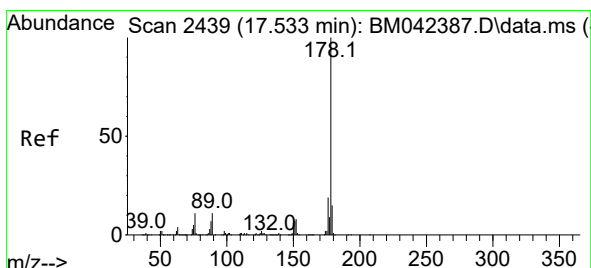
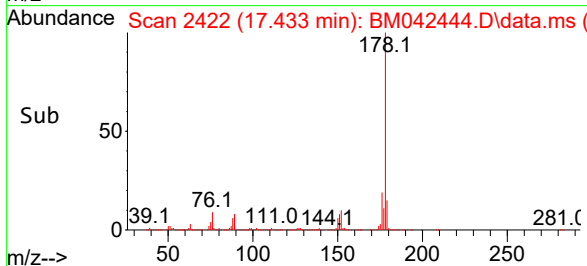
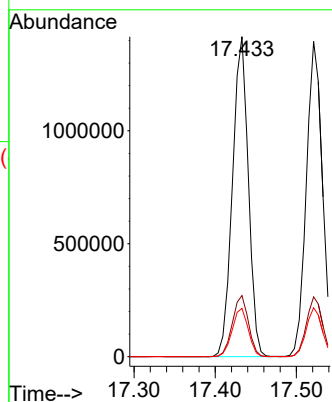
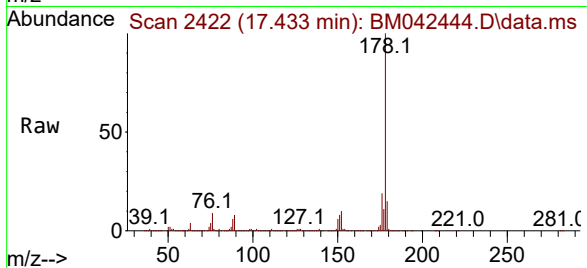
Tgt Ion:178 Resp: 1917458

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.1 12.3 18.5



#72

Anthracene

Concen: 47.703 ng

RT: 17.521 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

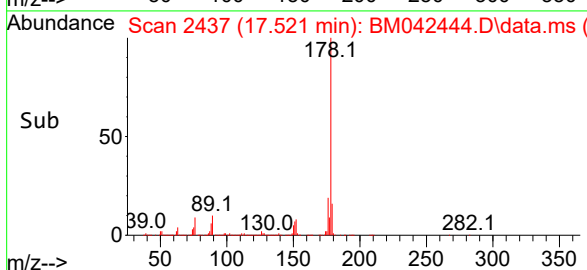
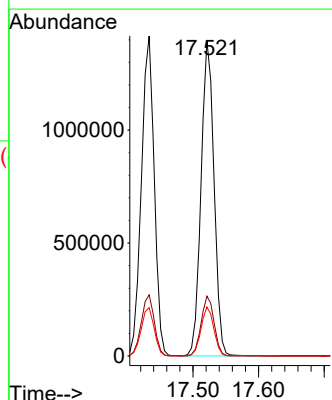
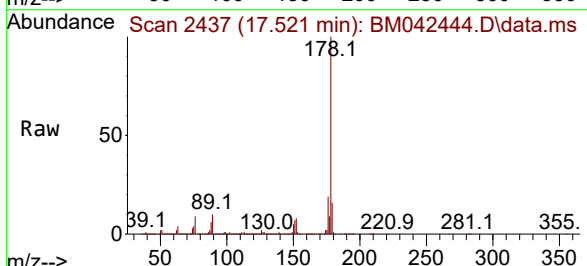
Tgt Ion:178 Resp: 1922132

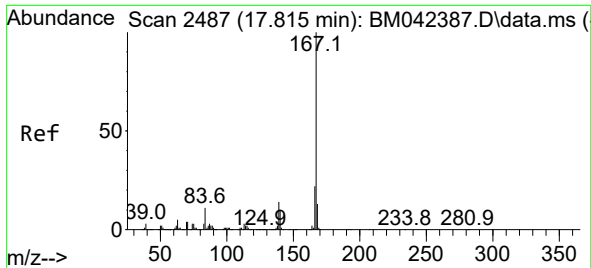
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.5 12.1 18.1

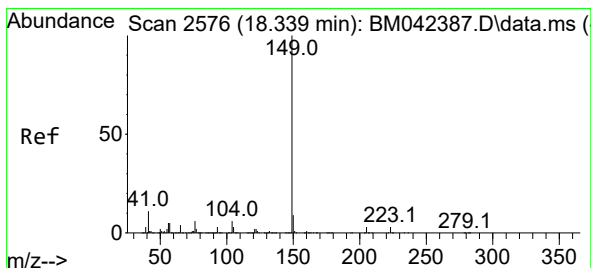
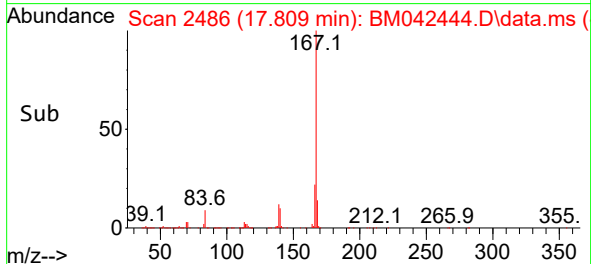
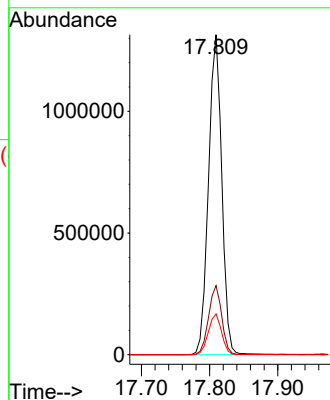
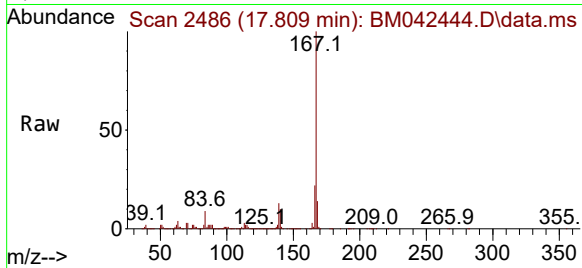




#73
Carbazole
Concen: 47.080 ng
RT: 17.809 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

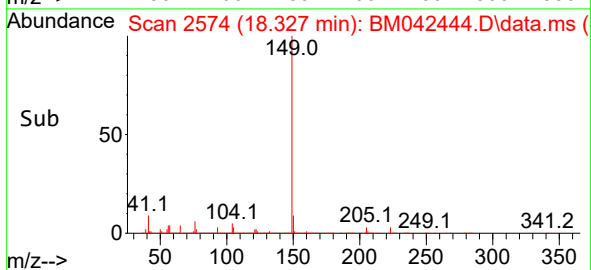
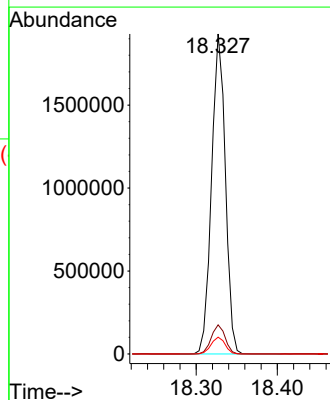
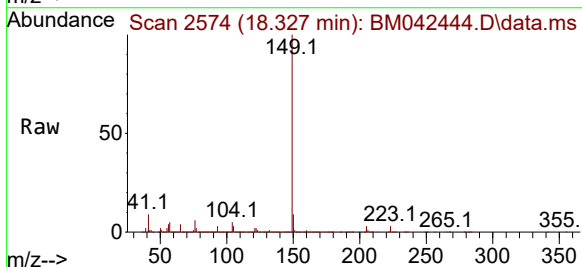
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

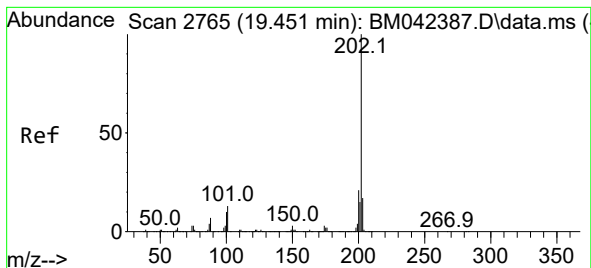
Tgt Ion:167 Resp: 1779646
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.0
139 12.8 10.9 16.3



#74
Di-n-butylphthalate
Concen: 47.454 ng
RT: 18.327 min Scan# 2574
Delta R.T. -0.012 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:149 Resp: 2269845
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.3 4.6 7.0





#75

Fluoranthene

Concen: 51.766 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

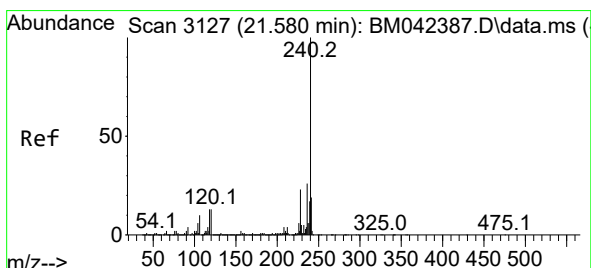
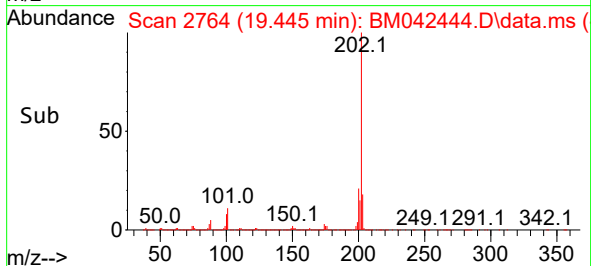
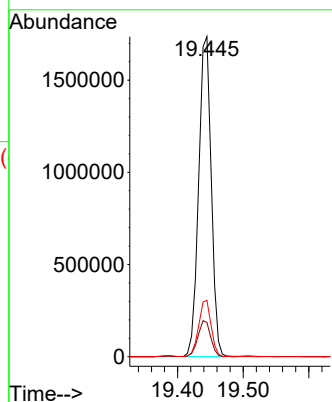
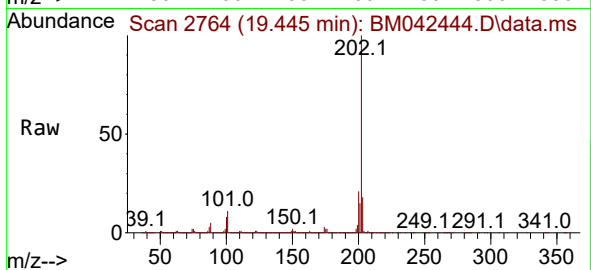
Tgt Ion:202 Resp: 2319529

Ion Ratio Lower Upper

202 100

101 10.7 0.0 33.3

203 17.6 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: BM042444.D

Acq: 25 Oct 2023 19:03

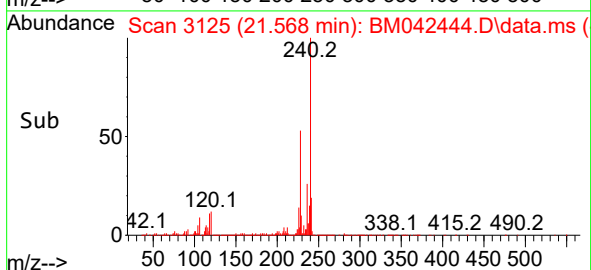
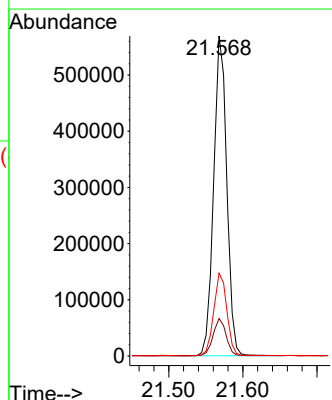
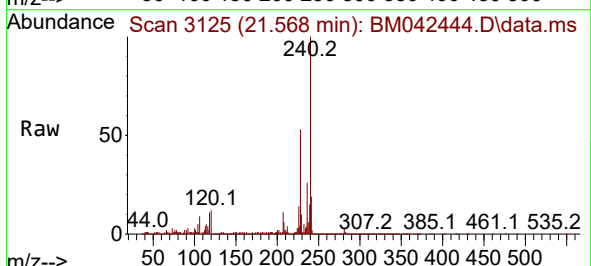
Tgt Ion:240 Resp: 699203

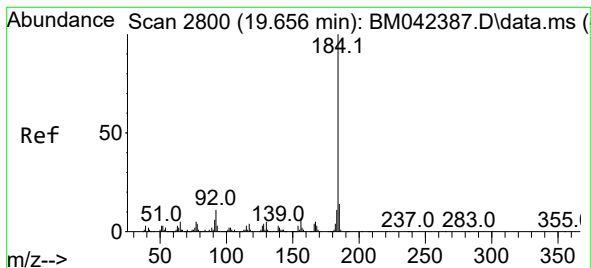
Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

236 25.9 20.7 31.1





#77

Benzidine

Concen: 81.083 ng

RT: 19.650 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

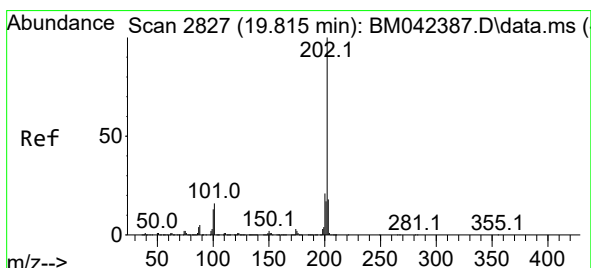
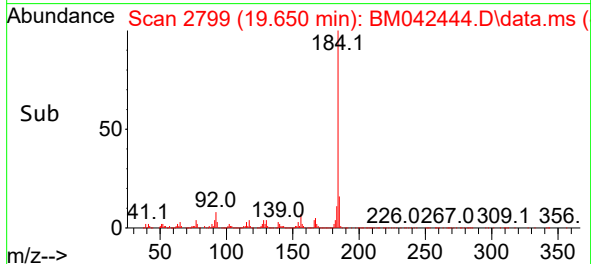
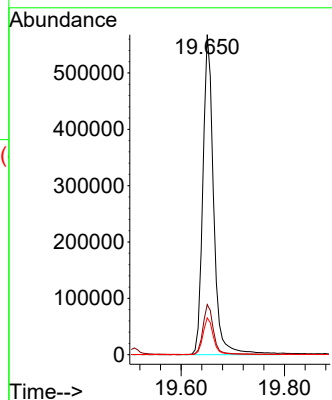
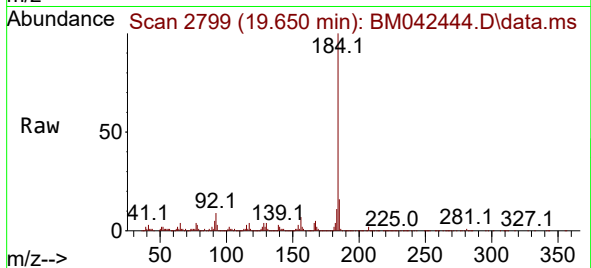
Tgt Ion:184 Resp: 820027

Ion Ratio Lower Upper

184 100

185 15.7 11.5 17.3

183 11.5 9.2 13.8



#78

Pyrene

Concen: 49.664 ng

RT: 19.809 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

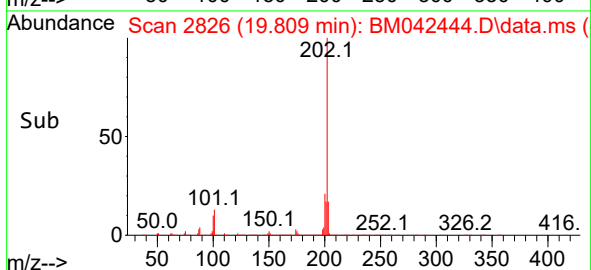
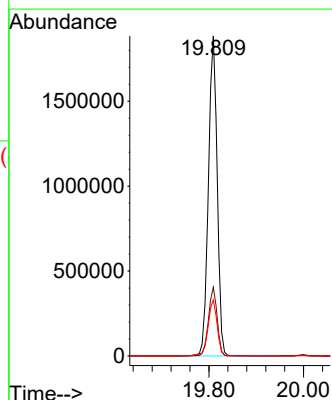
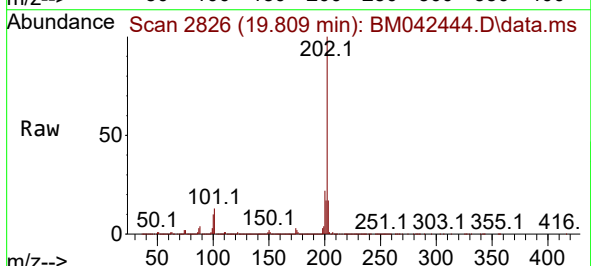
Tgt Ion:202 Resp: 2426584

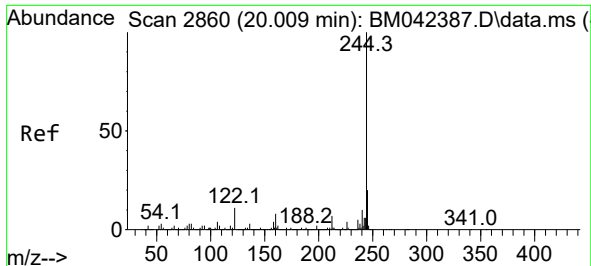
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.5 14.1 21.1

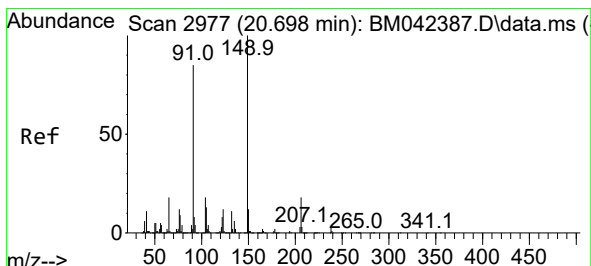
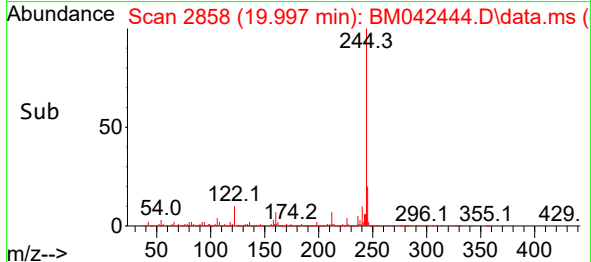
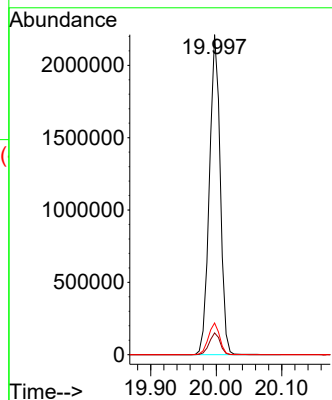
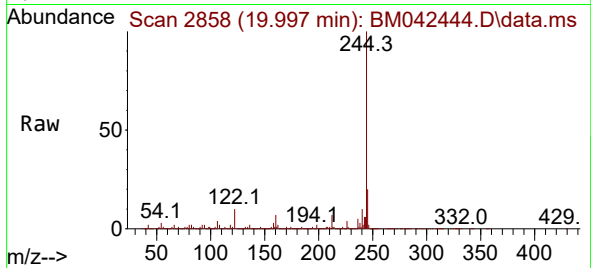




#79
 Terphenyl-d14
 Concen: 64.448 ng
 RT: 19.997 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM042444.D
 Acq: 25 Oct 2023 19:03

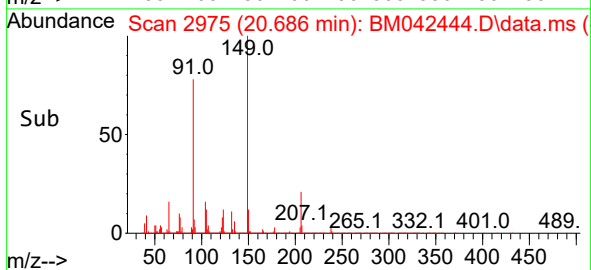
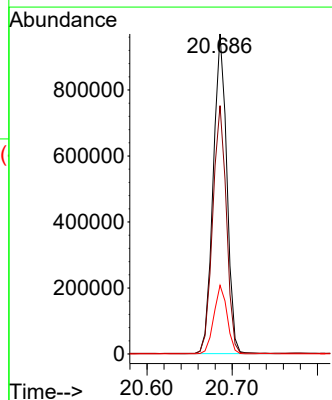
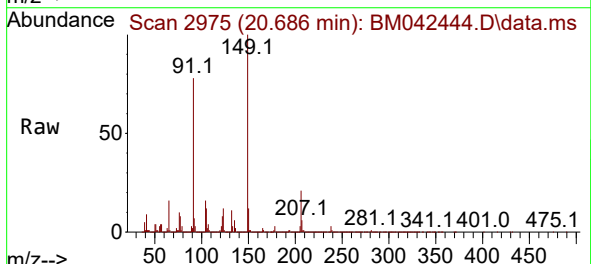
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B1-COMP-101623MS

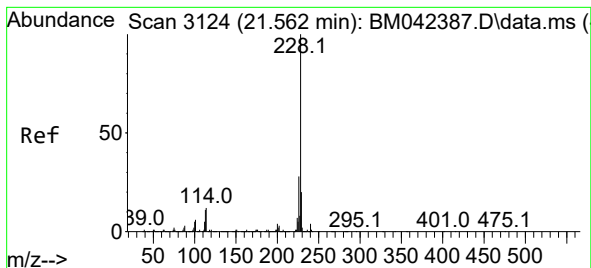
Tgt Ion:244 Resp: 2540877
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 48.629 ng
 RT: 20.686 min Scan# 2975
 Delta R.T. -0.012 min
 Lab File: BM042444.D
 Acq: 25 Oct 2023 19:03

Tgt Ion:149 Resp: 1078059
 Ion Ratio Lower Upper
 149 100
 91 77.6 68.3 102.5
 206 21.5 14.6 22.0





#81

Benzo(a)anthracene

Concen: 48.719 ng

RT: 21.550 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

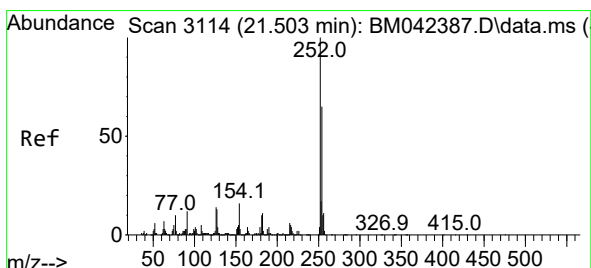
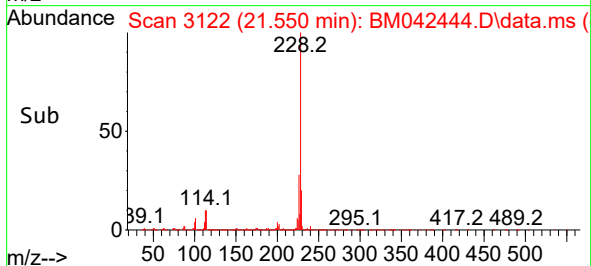
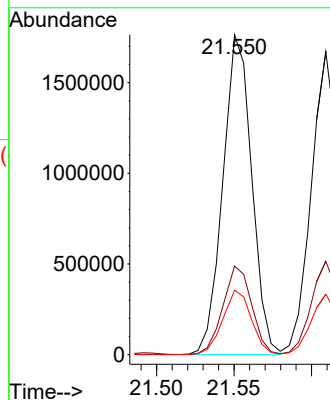
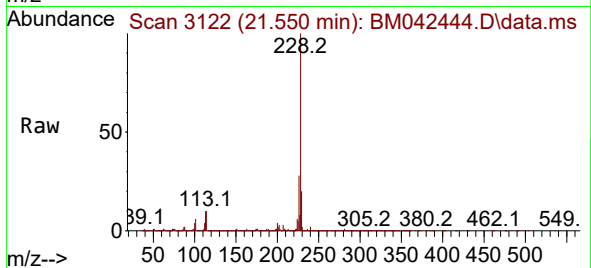
Tgt Ion:228 Resp: 2283627

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 53.014 ng

RT: 21.491 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

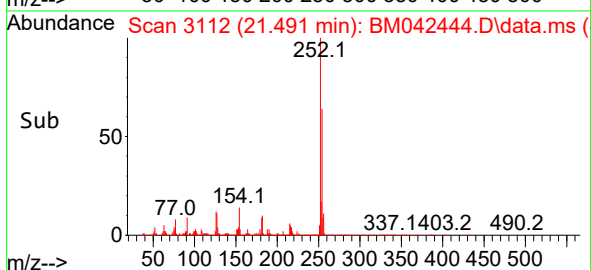
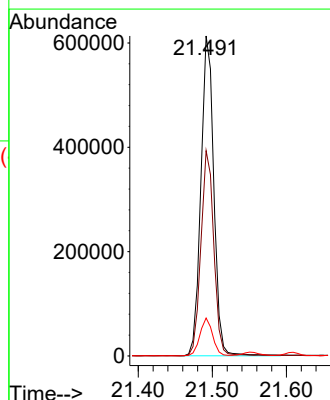
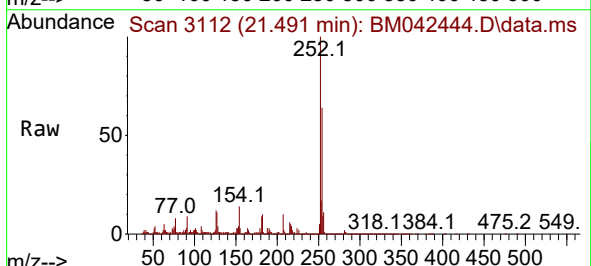
Tgt Ion:252 Resp: 741802

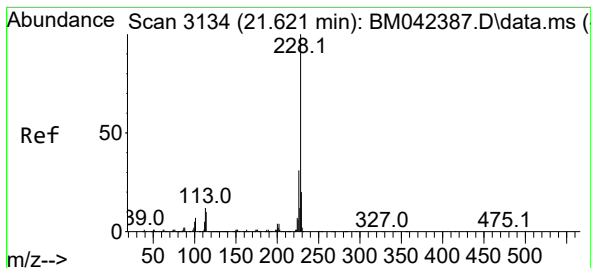
Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.2

126 11.8 11.4 17.2





#83

Chrysene

Concen: 45.829 ng

RT: 21.609 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

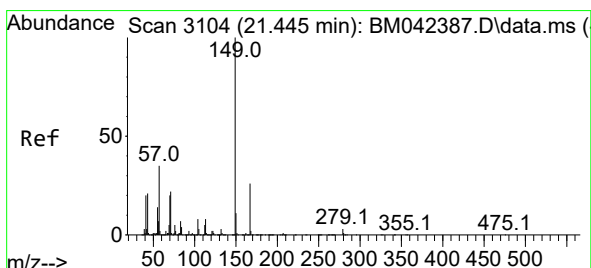
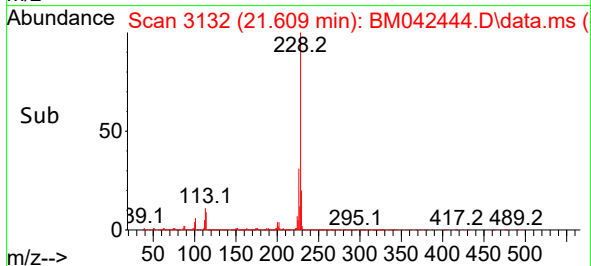
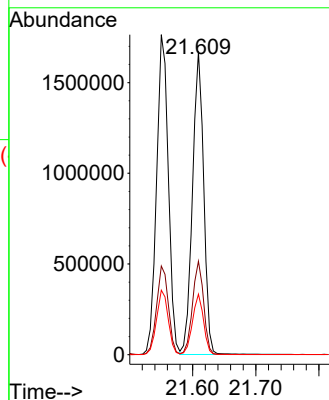
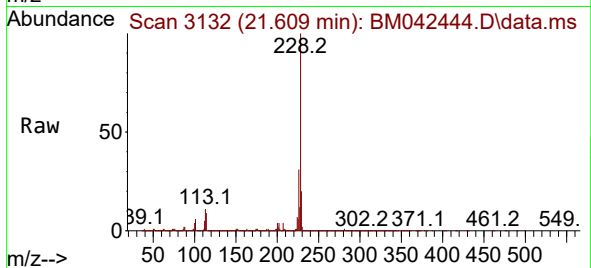
Tgt Ion:228 Resp: 2063205

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.234 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

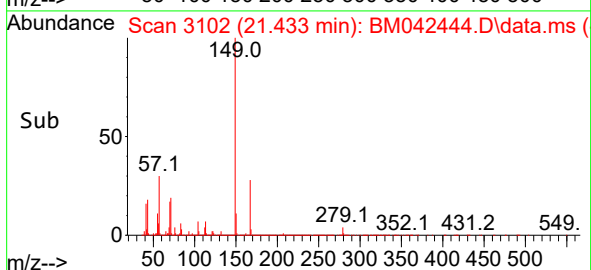
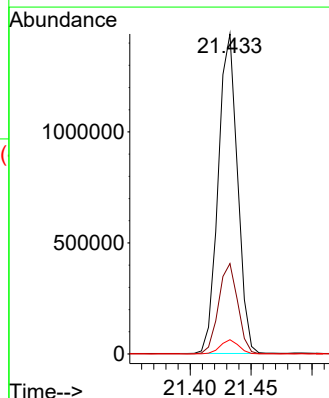
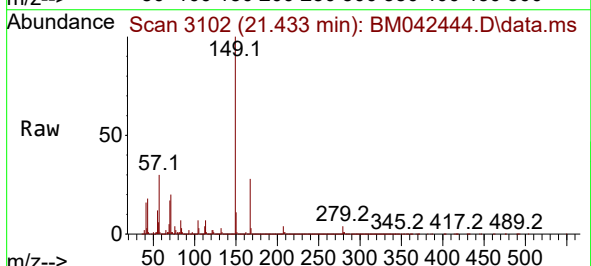
Tgt Ion:149 Resp: 1586989

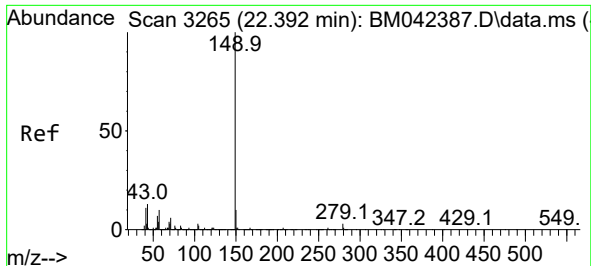
Ion Ratio Lower Upper

149 100

167 28.3 20.9 31.3

279 4.4 2.7 4.1#

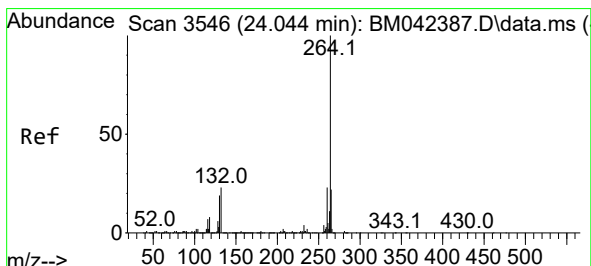
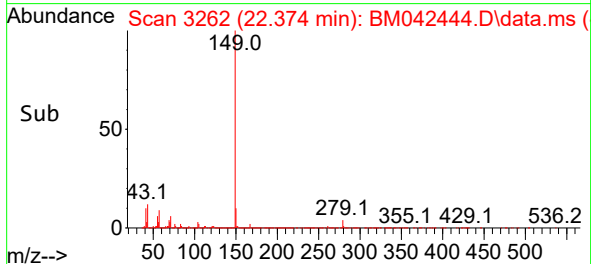
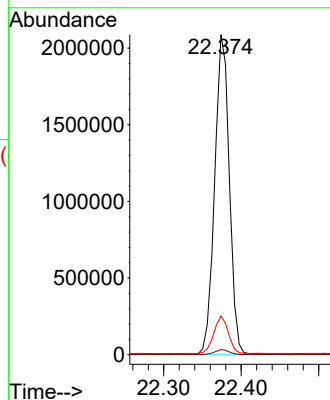
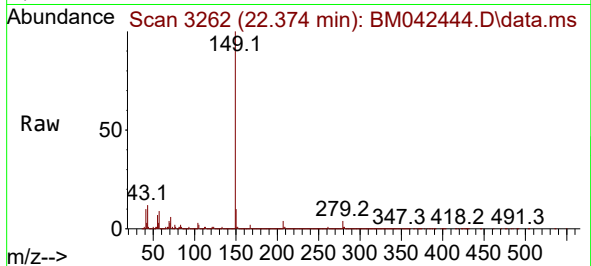




#85
Di-n-octyl phthalate
Concen: 50.047 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

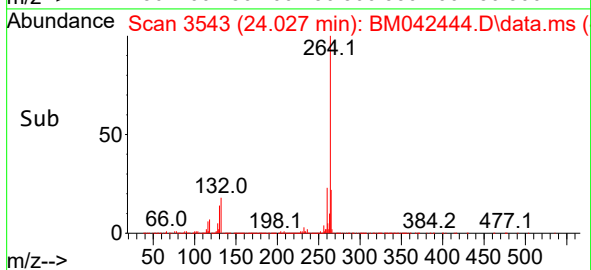
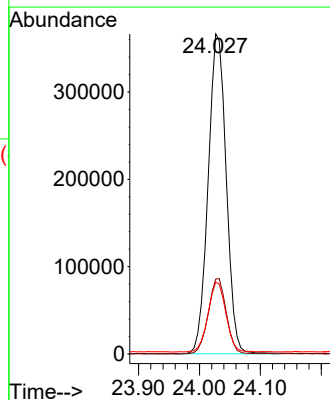
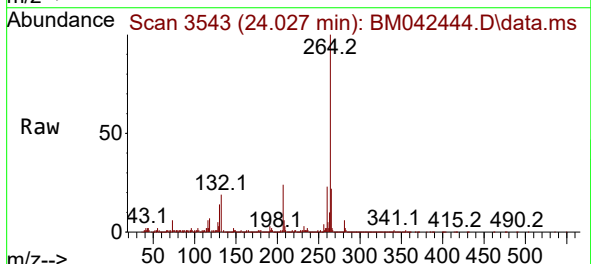
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

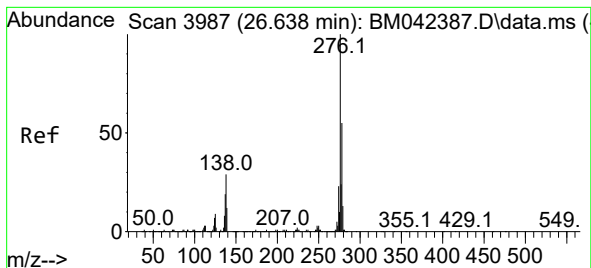
Tgt Ion:149 Resp: 2726610
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3543
Delta R.T. -0.018 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:264 Resp: 754412
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 22.4 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.937 ng

RT: 26.621 min Scan# 3423

Delta R.T. -0.018 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

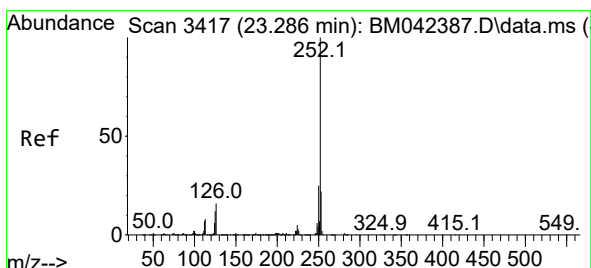
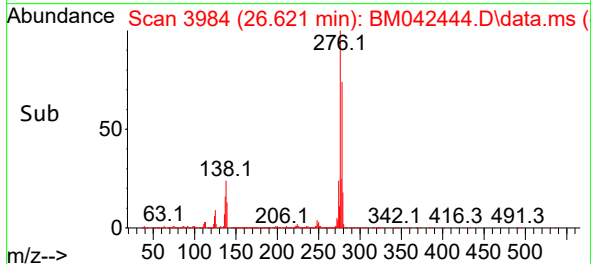
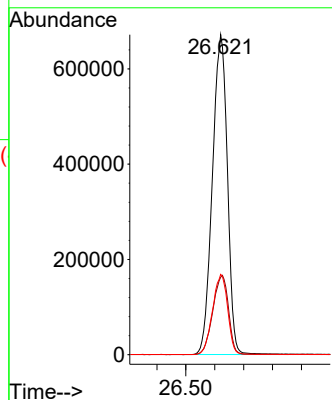
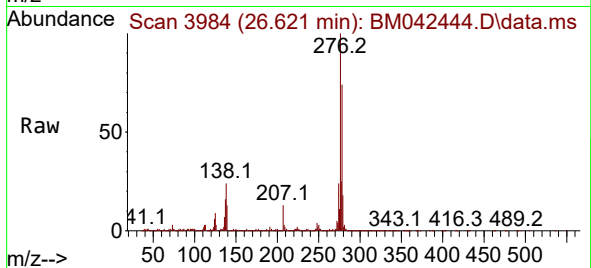
Tgt Ion:276 Resp: 2422337

Ion Ratio Lower Upper

276 100

138 25.8 25.6 38.4

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.597 ng

RT: 23.321 min Scan# 3423

Delta R.T. 0.035 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

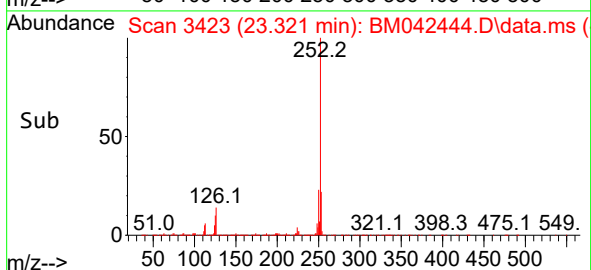
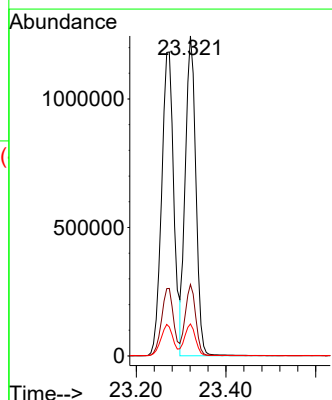
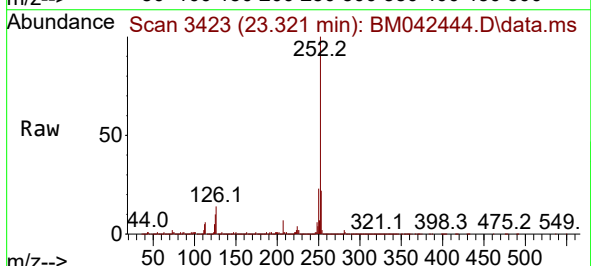
Tgt Ion:252 Resp: 2025156

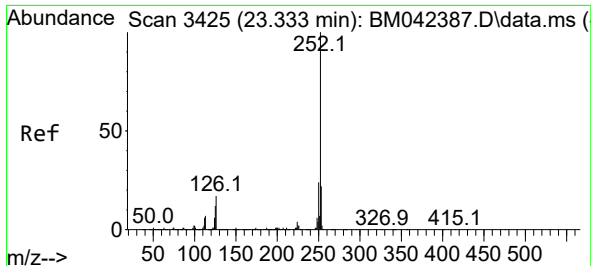
Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 10.0 9.8 14.8

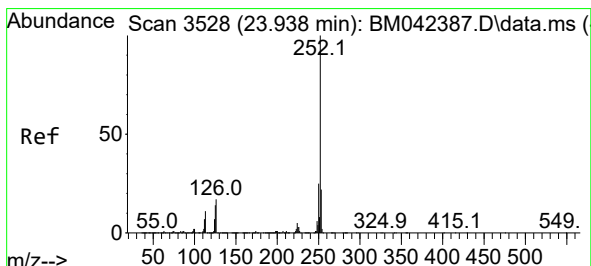
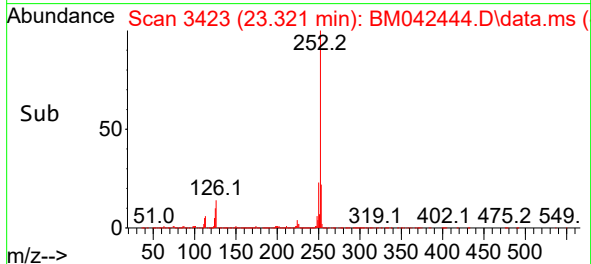
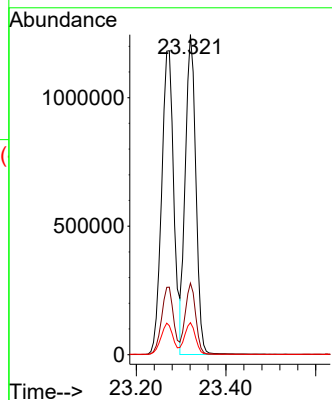
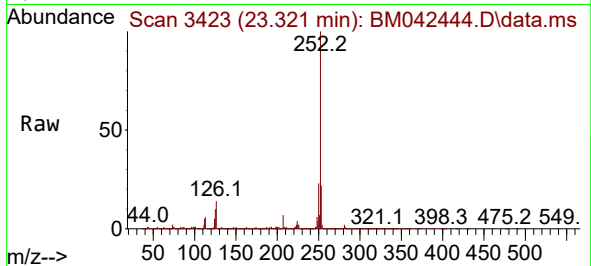




#89
Benzo(k)fluoranthene
Concen: 42.955 ng
RT: 23.321 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

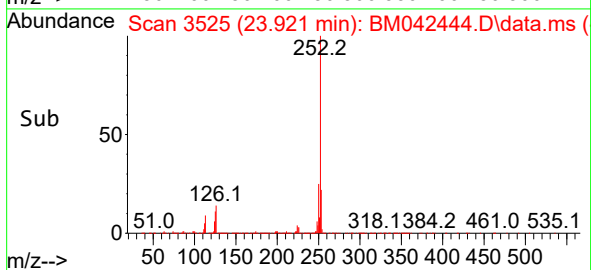
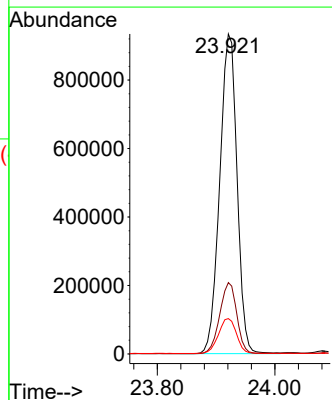
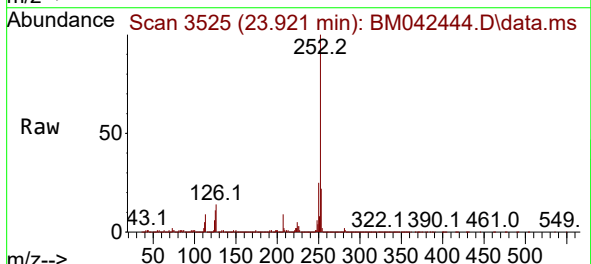
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MS

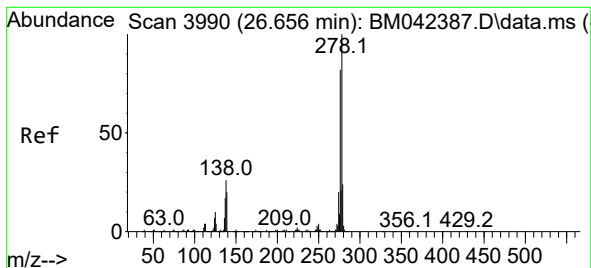
Tgt Ion:252 Resp: 2025156
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.0 10.2 15.2#



#90
Benzo(a)pyrene
Concen: 43.646 ng
RT: 23.921 min Scan# 3525
Delta R.T. -0.018 min
Lab File: BM042444.D
Acq: 25 Oct 2023 19:03

Tgt Ion:252 Resp: 1907664
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.0 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 44.292 ng

RT: 26.638 min Scan# 3990

Delta R.T. -0.018 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MS

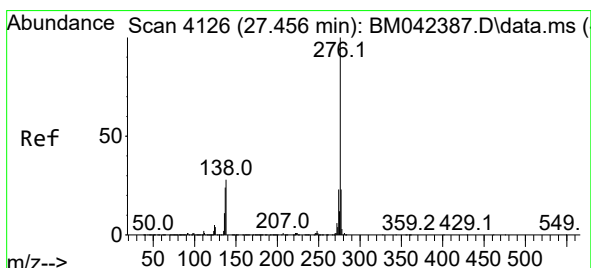
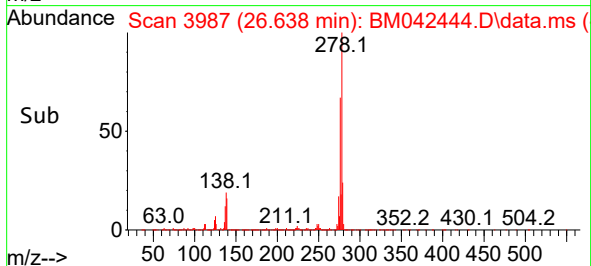
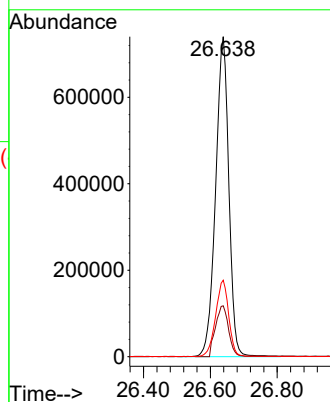
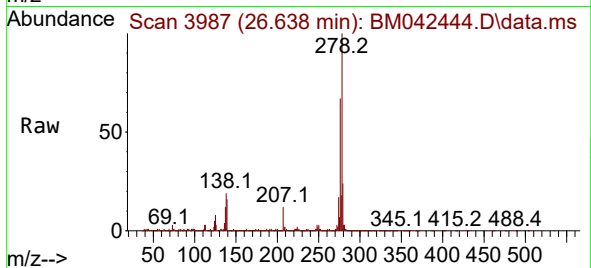
Tgt Ion:278 Resp: 2030286

Ion Ratio Lower Upper

278 100

139 15.9 15.6 23.4

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 43.228 ng

RT: 27.426 min Scan# 4121

Delta R.T. -0.029 min

Lab File: BM042444.D

Acq: 25 Oct 2023 19:03

Tgt Ion:276 Resp: 1924351

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 22.4 22.6 34.0#

