

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042438.D
 Acq On : 25 Oct 2023 15:22
 Operator : MA/JU
 Sample : 04919-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-B5-COMP-101723MSD

Quant Time: Oct 25 15:58:57 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	129136	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	531386	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	315825	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	693619	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	655761	20.000	ng	-0.01
86) Perylene-d12	24.027	264	709343	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	881110	96.432	ng	0.00
7) Phenol-d6	7.145	99	1160183	94.749	ng	0.00
23) Nitrobenzene-d5	9.192	82	769725	64.053	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	437067	125.644	ng	-0.01
45) 2-Fluorobiphenyl	13.257	172	1556590	66.370	ng	-0.01
79) Terphenyl-d14	19.997	244	2329823	63.010	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	151831	35.289	ng	96
3) Pyridine	3.804	79	392978	31.131	ng	97
4) n-Nitrosodimethylamine	3.734	42	222087	34.846	ng	89
6) Aniline	7.328	93	364476	23.379	ng	97
8) 2-Chlorophenol	7.545	128	416734	45.964	ng	95
9) Benzaldehyde	7.151	77	151676	21.267	ng	97
10) Phenol	7.175	94	547990	43.311	ng	99
11) bis(2-Chloroethyl)ether	7.428	93	417810	40.221	ng	96
12) 1,3-Dichlorobenzene	7.869	146	432579	46.128	ng	98
13) 1,4-Dichlorobenzene	8.028	146	444394	47.077	ng	98
14) 1,2-Dichlorobenzene	8.339	146	426022	47.000	ng	98
15) Benzyl Alcohol	8.251	79	397841	43.829	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	653359	39.750	ng	98
17) 2-Methylphenol	8.434	107	355991	42.637	ng	99
18) Hexachloroethane	9.057	117	169637	46.680	ng	# 90
19) n-Nitroso-di-n-propyla...	8.810	70	347895	41.919	ng	96
20) 3+4-Methylphenols	8.769	107	479373	42.806	ng	96
22) Acetophenone	8.839	105	631469	43.559	ng	97
24) Nitrobenzene	9.233	77	503649	41.893	ng	96
25) Isophorone	9.745	82	925976	45.342	ng	98
26) 2-Nitrophenol	9.933	139	221162	47.808	ng	94
27) 2,4-Dimethylphenol	9.975	122	361821	43.679	ng	97
28) bis(2-Chloroethoxy)met...	10.228	93	564913	43.661	ng	99
29) 2,4-Dichlorophenol	10.451	162	398313	55.292	ng	95
30) 1,2,4-Trichlorobenzene	10.663	180	405967	52.568	ng	98
31) Naphthalene	10.863	128	1263127	46.278	ng	99
32) Benzoic acid	10.104	122	269265	44.837	ng	97
33) 4-Chloroaniline	10.998	127	172593	14.564	ng	99
34) Hexachlorobutadiene	11.092	225	241884	57.881	ng	98
35) Caprolactam	11.833	113	138105	48.260	ng	# 85
36) 4-Chloro-3-methylphenol	12.098	107	441528	50.790	ng	98
37) 2-Methylnaphthalene	12.469	142	852828	46.416	ng	99
38) 1-Methylnaphthalene	12.686	142	830685	48.260	ng	99
40) 1,2,4,5-Tetrachloroben...	12.816	216	461634	50.560	ng	98
41) Hexachlorocyclopentadiene	12.763	237	404143	81.543	ng	98
43) 2,4,6-Trichlorophenol	13.069	196	316310	53.517	ng	100

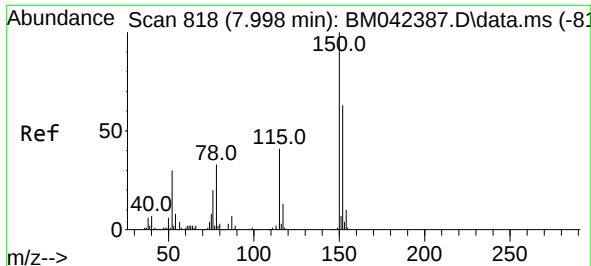
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	345076	49.389	ng	95
46) 1,1'-Biphenyl	13.474	154	1152327	45.993	ng	98
47) 2-Chloronaphthalene	13.521	162	866345	47.132	ng	99
48) 2-Nitroaniline	13.757	65	314416	39.420	ng	88
49) Acenaphthylene	14.368	152	1448287	48.804	ng	100
50) Dimethylphthalate	14.104	163	1098309	47.411	ng	99
51) 2,6-Dinitrotoluene	14.245	165	235637	45.227	ng	84
52) Acenaphthene	14.704	154	829760	46.249	ng	98
53) 3-Nitroaniline	14.580	138	149390	25.713	ng	99
54) 2,4-Dinitrophenol	14.786	184	211405	66.754	ng	90
55) Dibenzofuran	15.033	168	1337887	47.148	ng	98
56) 4-Nitrophenol	14.874	139	466207	98.812	ng	91
57) 2,4-Dinitrotoluene	15.027	165	323426	46.381	ng	84
58) Fluorene	15.686	166	1085341	48.470	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	310947	59.241	ng	89
60) Diethylphthalate	15.445	149	1104004	48.292	ng	97
61) 4-Chlorophenyl-phenyle...	15.674	204	546905	51.862	ng	93
62) 4-Nitroaniline	15.745	138	241127	41.108	ng	97
63) Azobenzene	15.968	77	1200572	43.773	ng	94
65) 4,6-Dinitro-2-methylph...	15.774	198	149532	35.557	ng	82
66) n-Nitrosodiphenylamine	15.898	169	937210	44.860	ng	99
67) 4-Bromophenyl-phenylether	16.568	248	304807	47.414	ng	95
68) Hexachlorobenzene	16.657	284	383700	55.839	ng	# 90
69) Atrazine	16.845	200	347687	65.627	ng	100
70) Pentachlorophenol	17.015	266	561908	96.610	ng	100
71) Phenanthrene	17.433	178	1725031	45.717	ng	100
72) Anthracene	17.521	178	1764489	47.217	ng	99
73) Carbazole	17.809	167	1645970	46.950	ng	99
74) Di-n-butylphthalate	18.327	149	2097850	47.300	ng	99
75) Fluoranthene	19.445	202	2104533	50.642	ng	97
77) Benzidine	19.650	184	1142639	120.467	ng	98
78) Pyrene	19.809	202	2184705	47.676	ng	99
80) Butylbenzylphthalate	20.686	149	1000162	48.140	ng	91
81) Benzo(a)anthracene	21.550	228	2094548	47.646	ng	99
82) 3,3'-Dichlorobenzidine	21.491	252	556840	42.432	ng	99
83) Chrysene	21.609	228	1874258	44.390	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1480425	49.984	ng	# 95
85) Di-n-octyl phthalate	22.374	149	2557853	50.059	ng	95
87) Indeno(1,2,3-cd)pyrene	26.615	276	2232752	43.071	ng	94
88) Benzo(b)fluoranthene	23.268	252	1999150	46.822	ng	97
89) Benzo(k)fluoranthene	23.321	252	1921383	43.344	ng	# 97
90) Benzo(a)pyrene	23.921	252	1741112	42.367	ng	97
91) Dibenzo(a,h)anthracene	26.632	278	1859603	43.146	ng	96
92) Benzo(g,h,i)perylene	27.426	276	1779539	42.515	ng	# 93

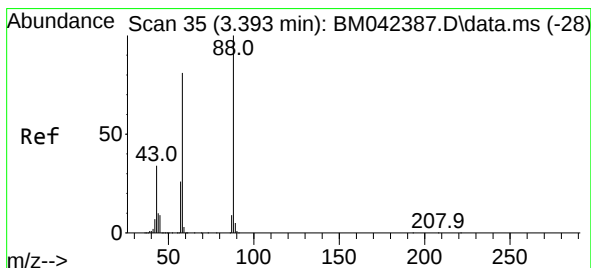
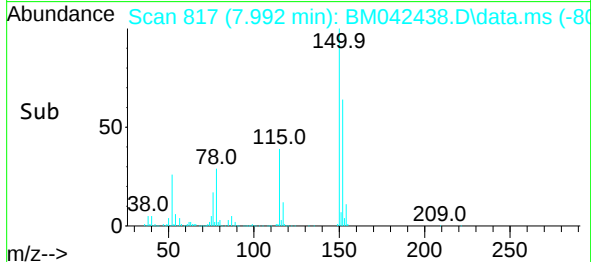
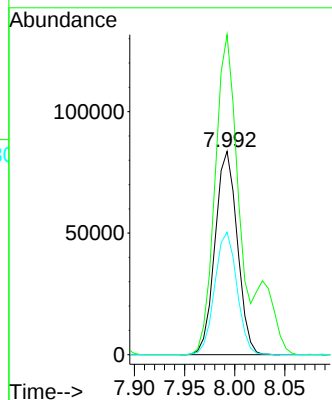
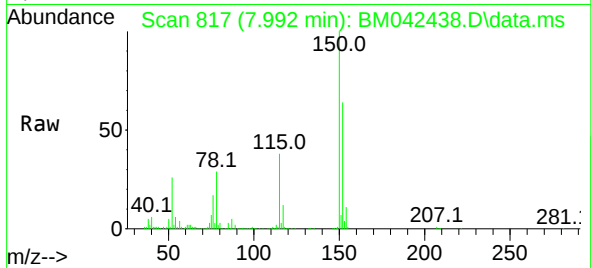
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.992 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM042438.D
 Acq: 25 Oct 2023 15:22

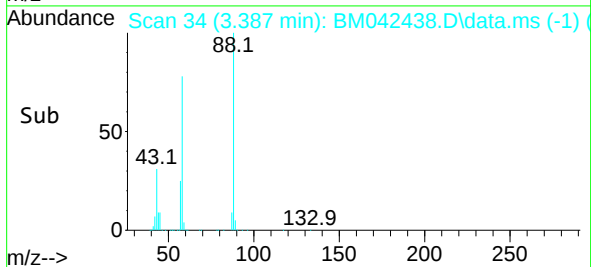
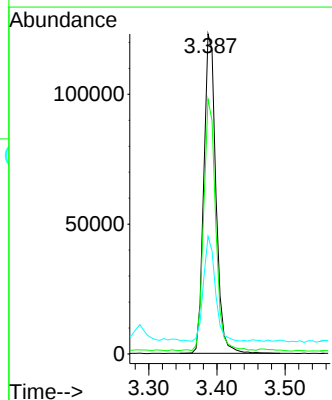
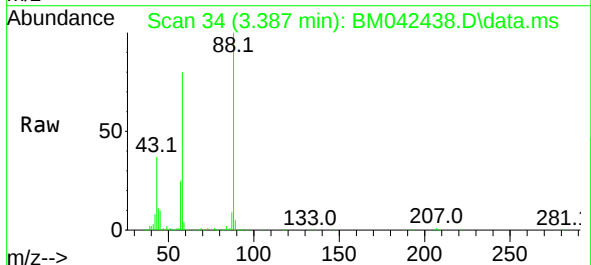
Instrument :
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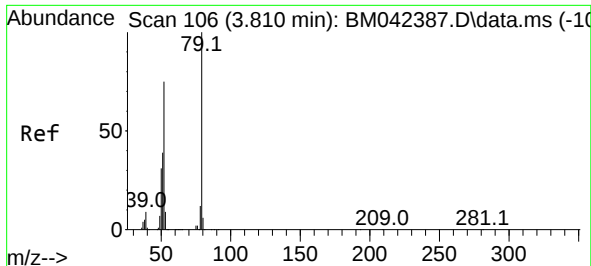
Tgt Ion:152 Resp: 129136
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.2 189.4
 115 60.3 51.9 77.9



#2
 1,4-Dioxane
 Concen: 35.289 ng
 RT: 3.387 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BM042438.D
 Acq: 25 Oct 2023 15:22

Tgt Ion: 88 Resp: 151831
 Ion Ratio Lower Upper
 88 100
 58 78.0 64.9 97.3
 43 31.8 27.8 41.8

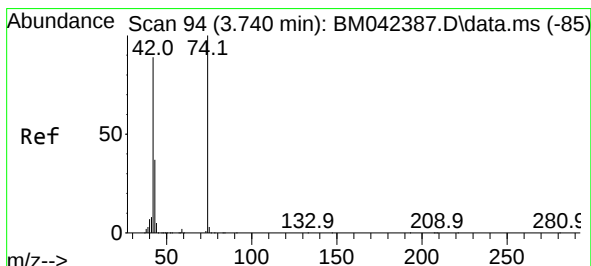
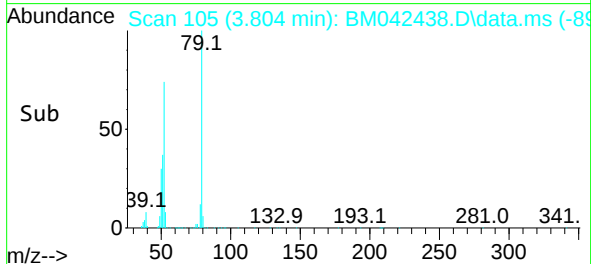
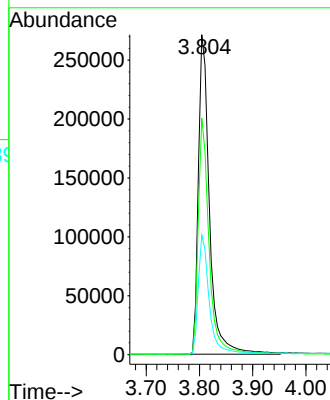
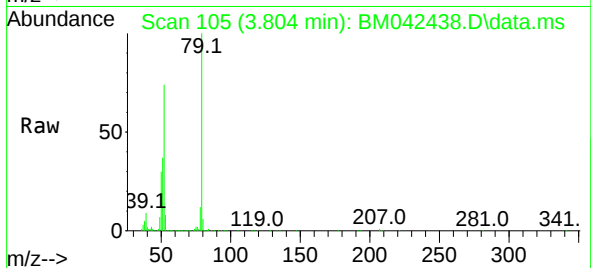




#3
Pyridine
Concen: 31.131 ng
RT: 3.804 min Scan# 106
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

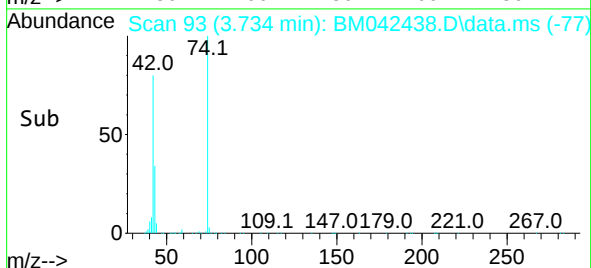
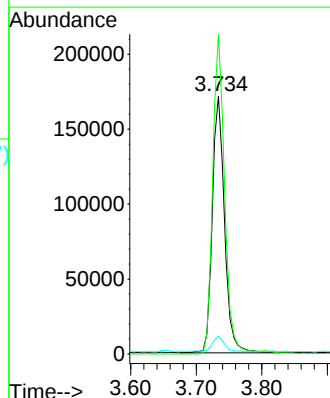
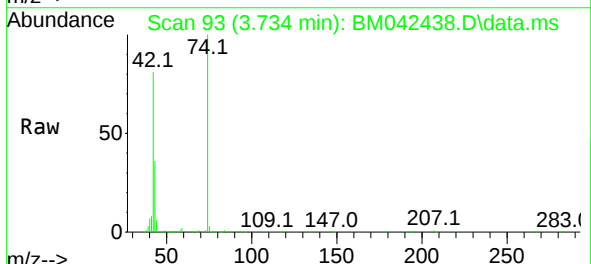
Instrument :
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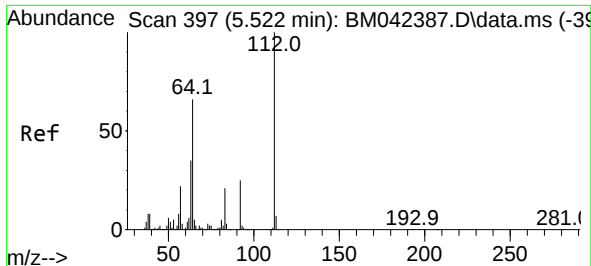
Tgt Ion: 79 Resp: 392978
Ion Ratio Lower Upper
79 100
52 73.9 60.3 90.5
51 37.4 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 34.846 ng
RT: 3.734 min Scan# 93
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion: 42 Resp: 222087
Ion Ratio Lower Upper
42 100
74 124.2 89.4 134.2
44 7.0 5.4 8.0

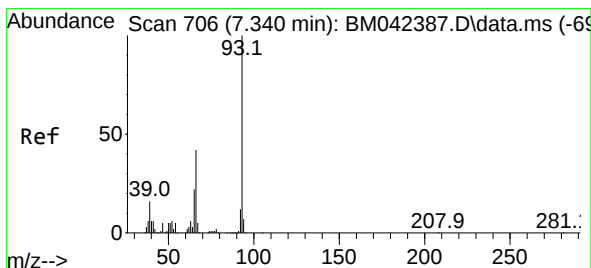
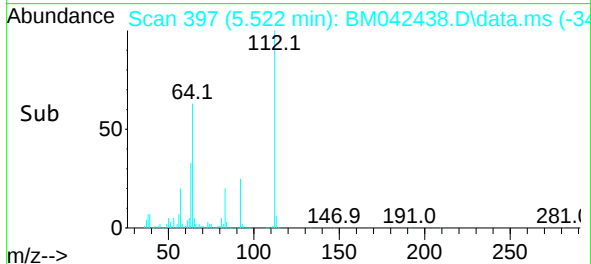
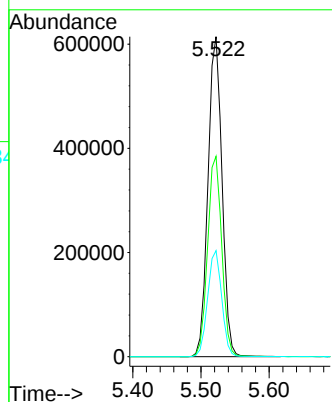
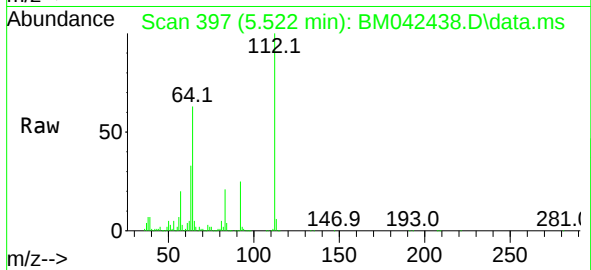




#5
2-Fluorophenol
Concen: 96.432 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

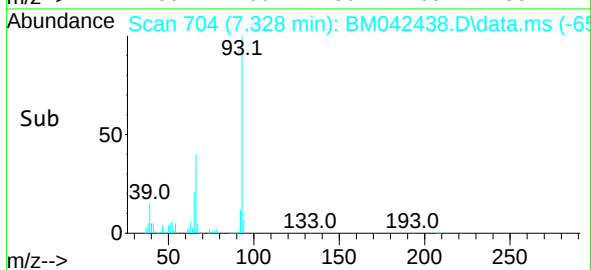
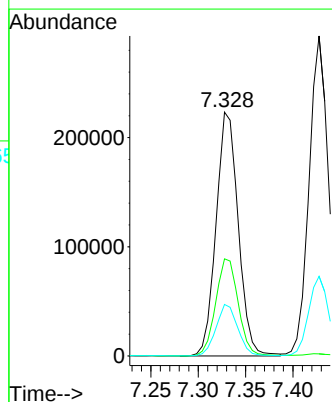
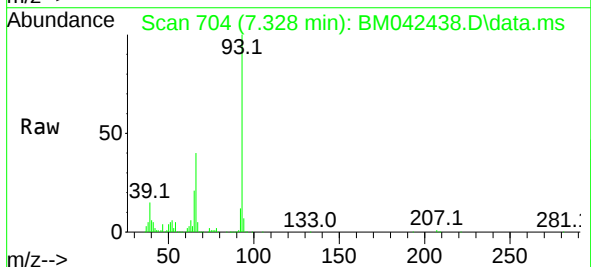
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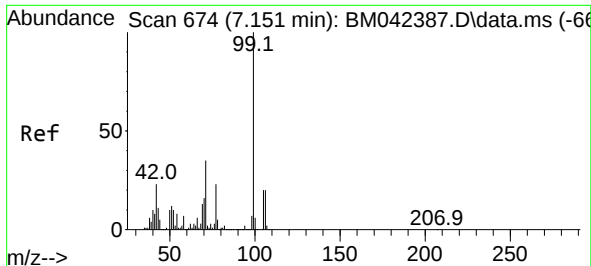
Tgt Ion:112 Resp: 881110
Ion Ratio Lower Upper
112 100
64 62.6 52.7 79.1
63 33.1 28.3 42.5



#6
Aniline
Concen: 23.379 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.012 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion: 93 Resp: 364476
Ion Ratio Lower Upper
93 100
66 39.8 33.8 50.8
65 21.1 17.4 26.2

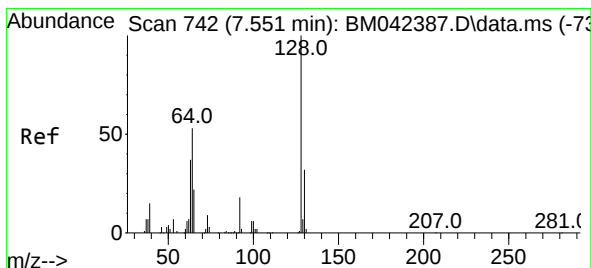
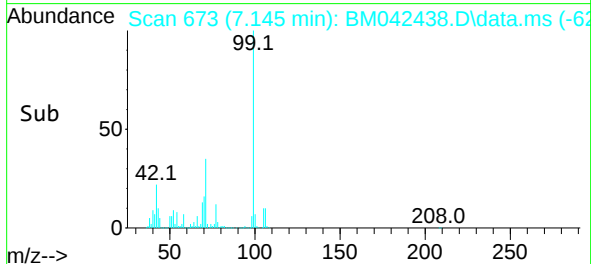
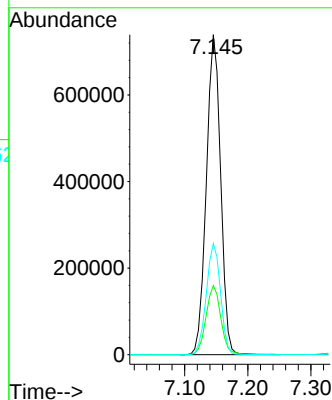
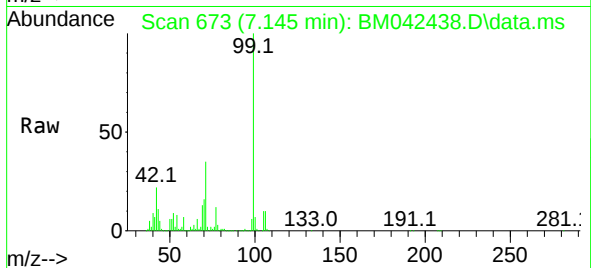




#7
Phenol-d6
Concen: 94.749 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

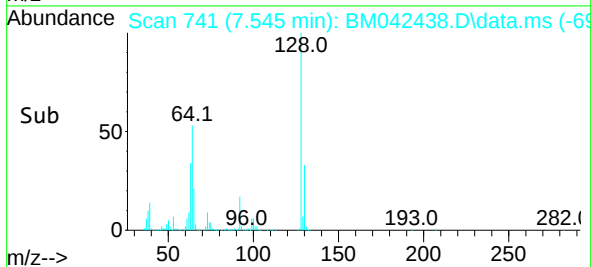
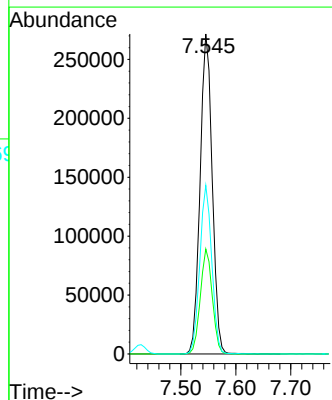
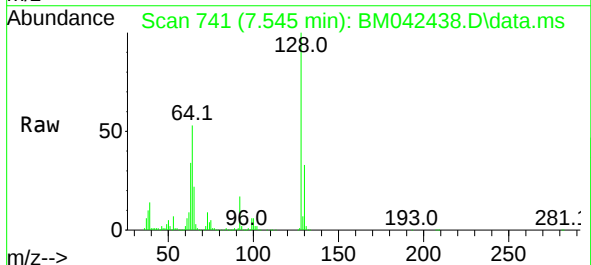
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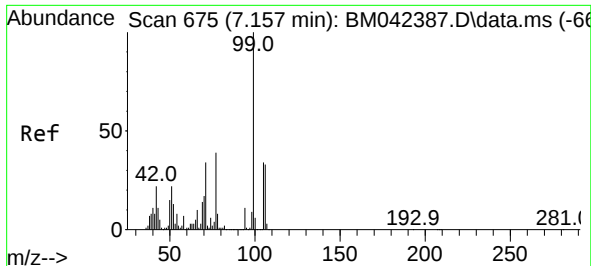
Tgt Ion: 99 Resp: 1160183
Ion Ratio Lower Upper
99 100
42 21.6 18.5 27.7
71 34.7 27.7 41.5



#8
2-Chlorophenol
Concen: 45.964 ng
RT: 7.545 min Scan# 741
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion: 128 Resp: 416734
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 52.6 38.2 78.2

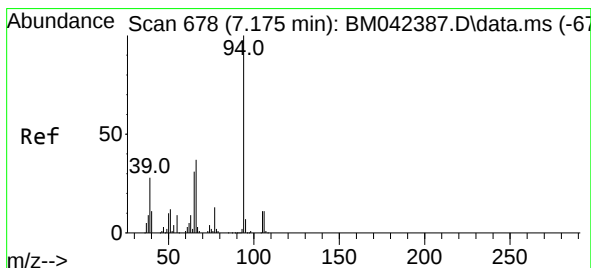
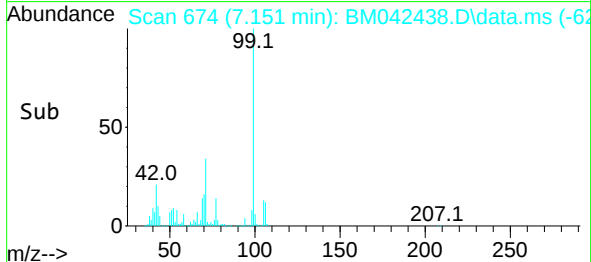
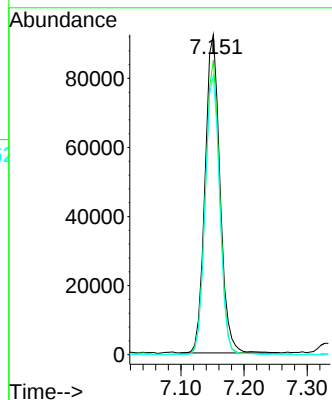
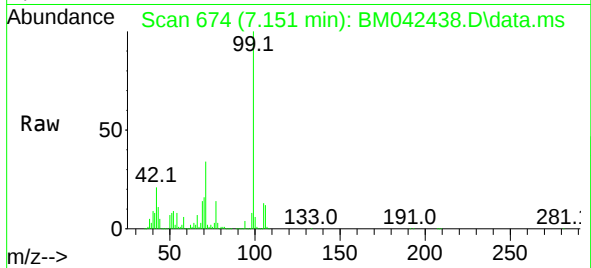




#9
Benzaldehyde
Concen: 21.267 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

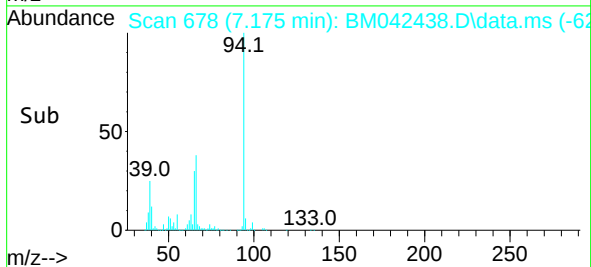
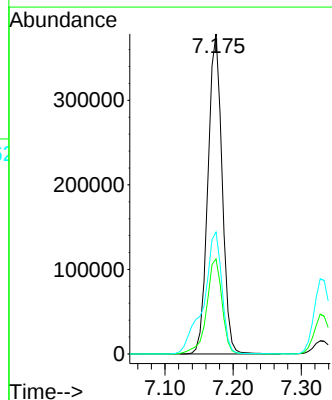
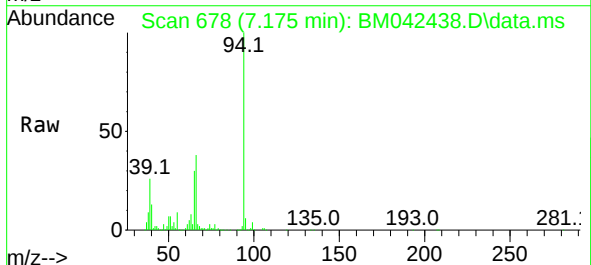
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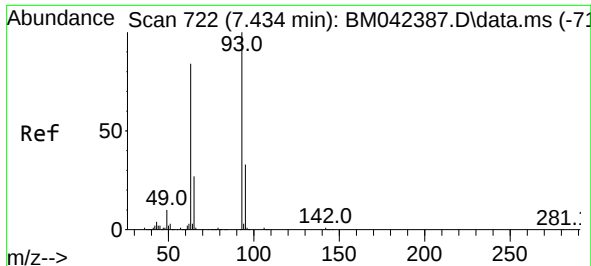
Tgt Ion: 77 Resp: 151676
Ion Ratio Lower Upper
77 100
105 92.0 68.7 108.7
106 87.3 65.8 105.8



#10
Phenol
Concen: 43.311 ng
RT: 7.175 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion: 94 Resp: 547990
Ion Ratio Lower Upper
94 100
65 29.7 10.9 50.9
66 38.1 18.2 58.2

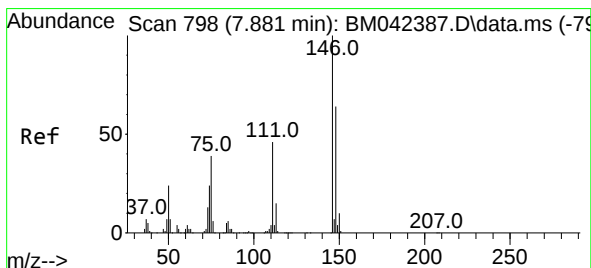
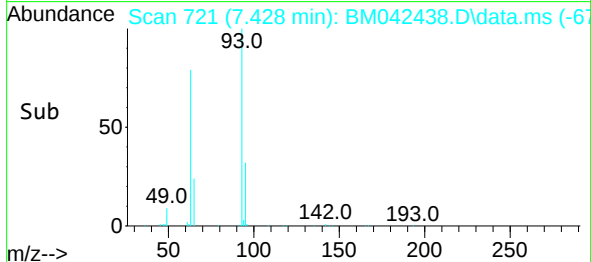
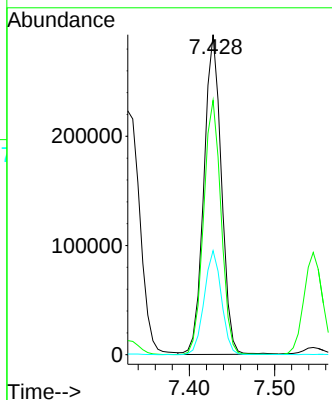
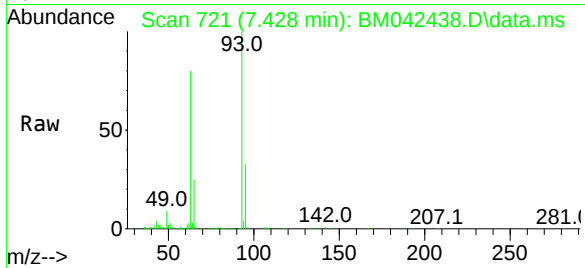




#11
bis(2-Chloroethyl)ether
Concen: 40.221 ng
RT: 7.428 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

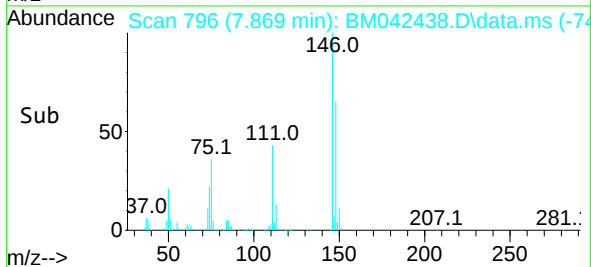
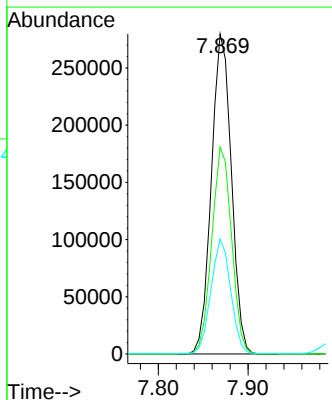
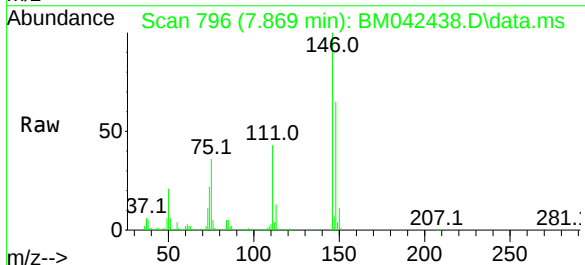
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

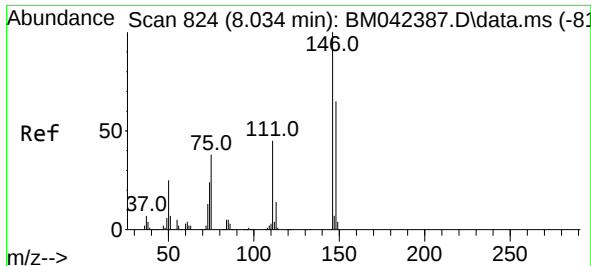
Tgt Ion: 93 Resp: 417810
Ion Ratio Lower Upper
93 100
63 79.5 64.2 104.2
95 32.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.128 ng
RT: 7.869 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:146 Resp: 432579
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
75 36.0 30.9 46.3

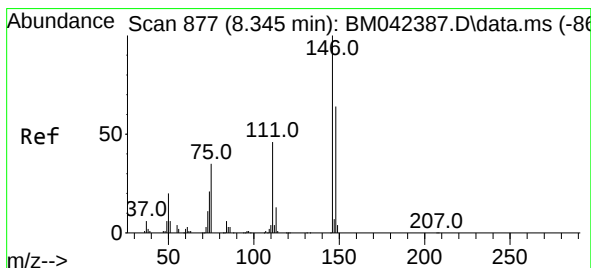
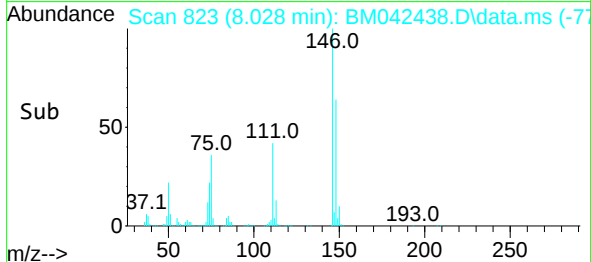
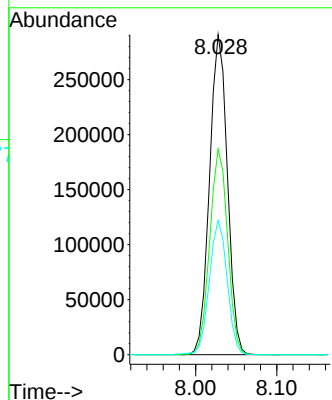
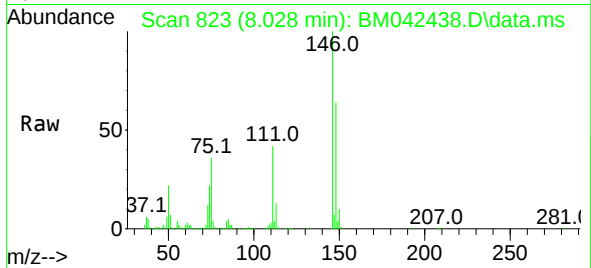




#13
1,4-Dichlorobenzene
Concen: 47.077 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

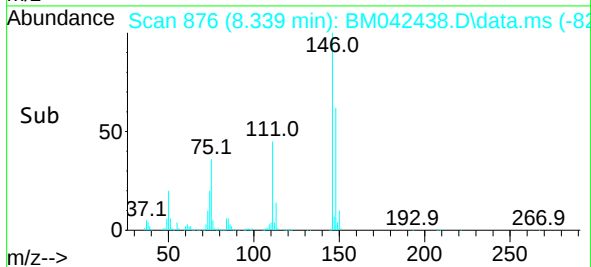
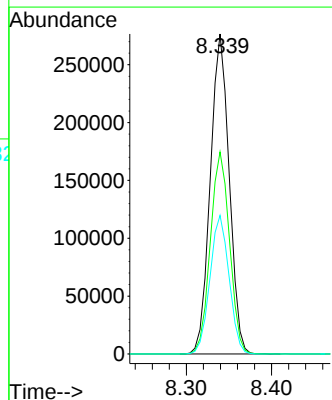
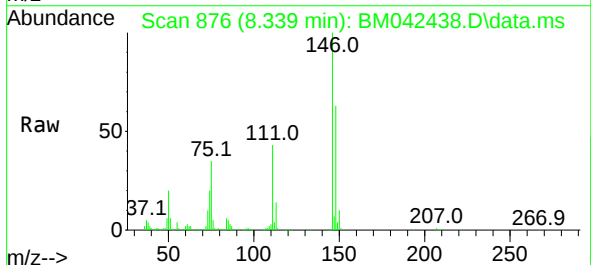
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

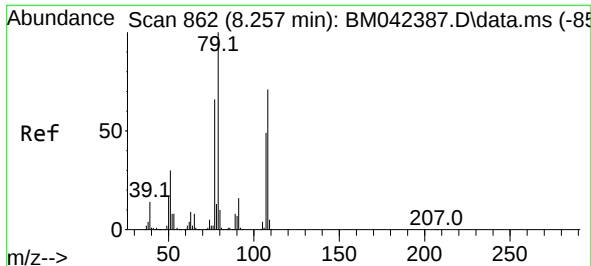
Tgt Ion:146 Resp: 444394
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 41.9 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 47.000 ng
RT: 8.339 min Scan# 876
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:146 Resp: 426022
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
111 43.3 37.2 55.8

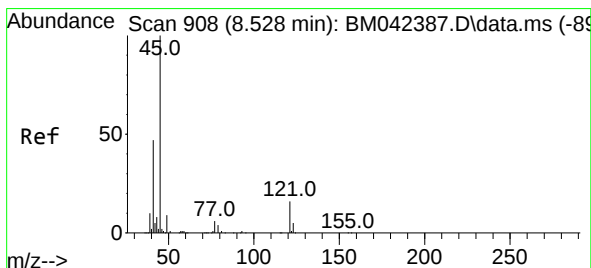
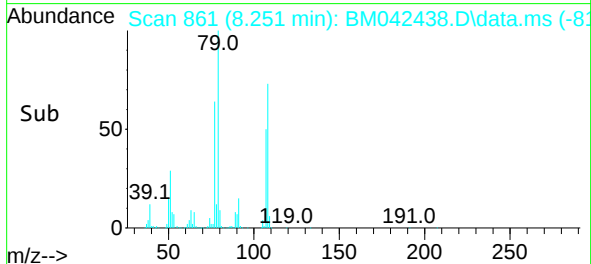
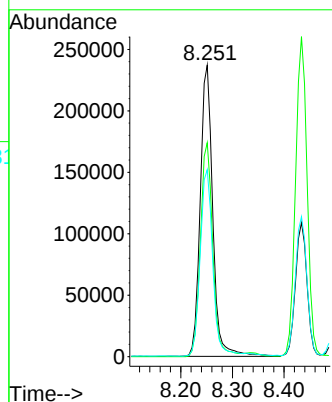
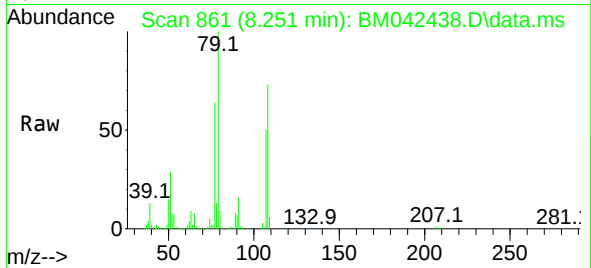




#15
Benzyl Alcohol
Concen: 43.829 ng
RT: 8.251 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

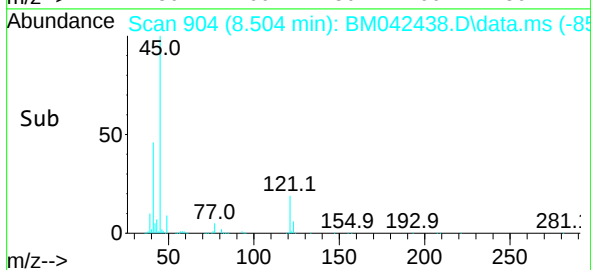
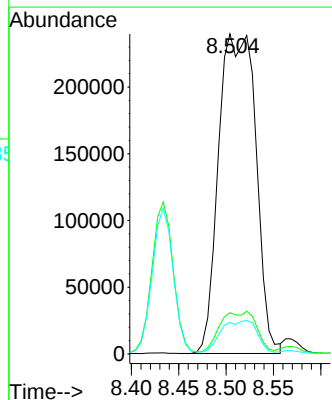
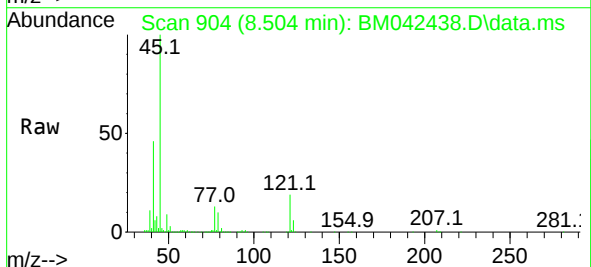
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

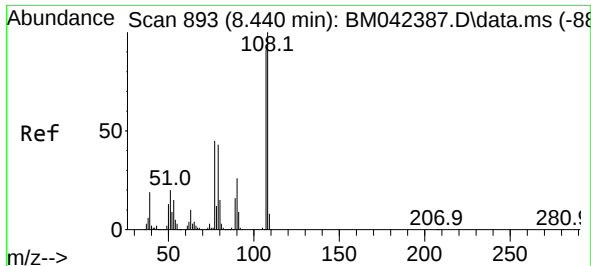
Tgt Ion: 79 Resp: 397841
Ion Ratio Lower Upper
79 100
108 73.4 57.1 85.7
77 64.2 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.750 ng
RT: 8.504 min Scan# 904
Delta R.T. -0.024 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion: 45 Resp: 653359
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.2
79 9.9 0.0 30.4

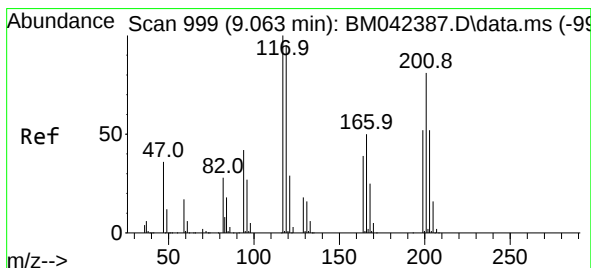
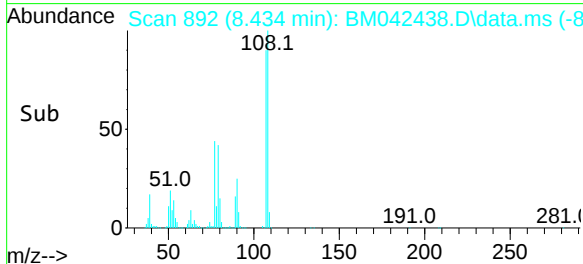
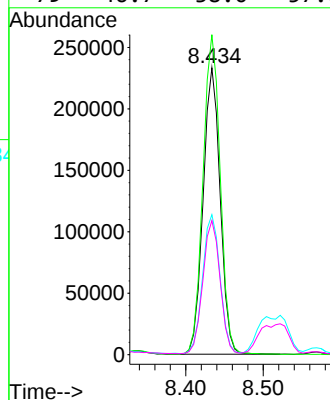
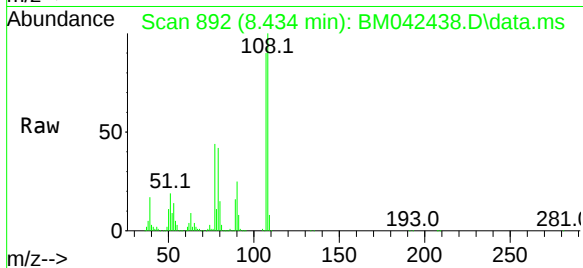




#17
2-Methylphenol
Concen: 42.637 ng
RT: 8.434 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

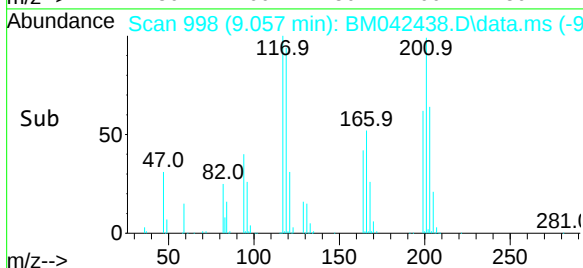
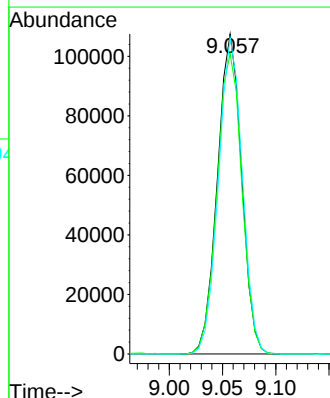
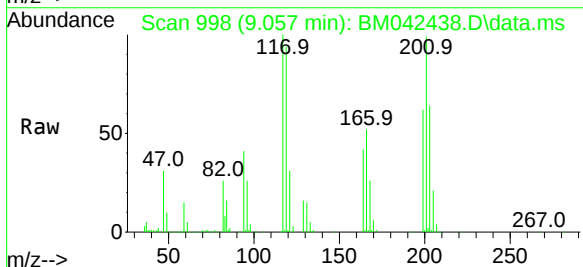
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

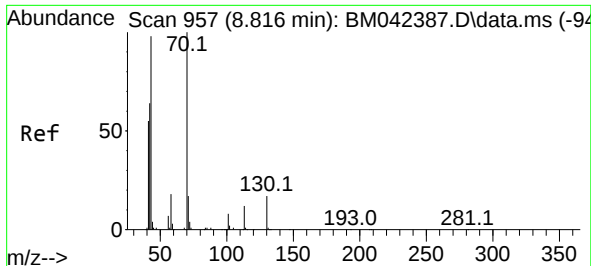
Tgt Ion:107 Resp: 355991
Ion Ratio Lower Upper
107 100
108 111.5 88.2 132.4
77 48.8 40.1 60.1
79 46.7 38.0 57.0



#18
Hexachloroethane
Concen: 46.680 ng
RT: 9.057 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:117 Resp: 169637
Ion Ratio Lower Upper
117 100
119 93.8 75.9 113.9
201 98.8 64.6 97.0#

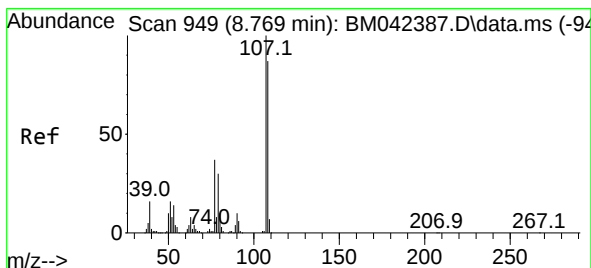
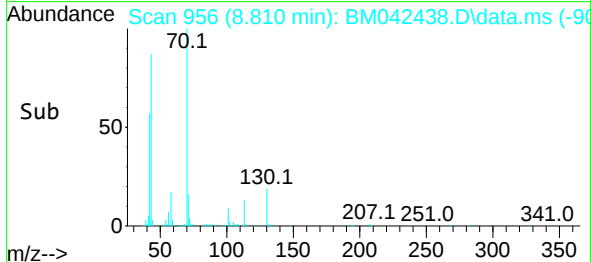
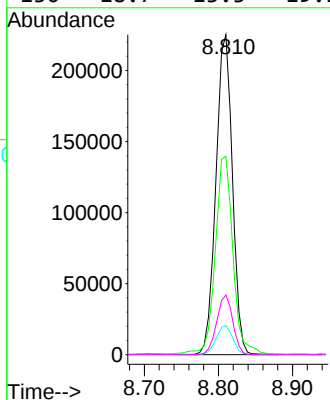
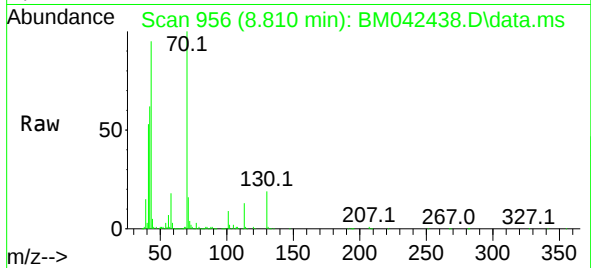




#19
n-Nitroso-di-n-propylamine
Concen: 41.919 ng
RT: 8.810 min Scan# 910
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

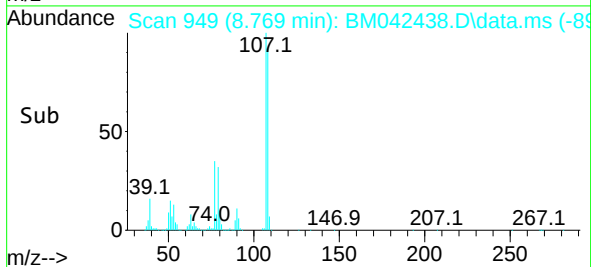
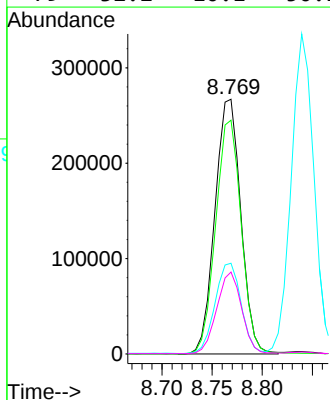
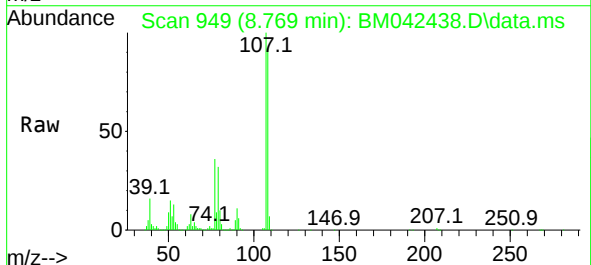
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

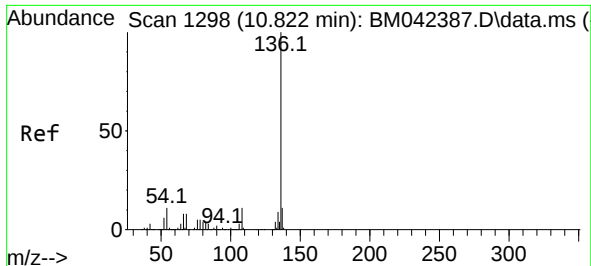
Tgt Ion: 70 Resp: 347895
Ion Ratio Lower Upper
70 100
42 62.1 52.1 78.1
101 9.1 6.5 9.7
130 18.7 13.3 19.9



#20
3+4-Methylphenols
Concen: 42.806 ng
RT: 8.769 min Scan# 949
Delta R.T. -0.000 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion: 107 Resp: 479373
Ion Ratio Lower Upper
107 100
108 91.8 67.2 107.2
77 35.6 16.8 56.8
79 32.2 10.1 50.1

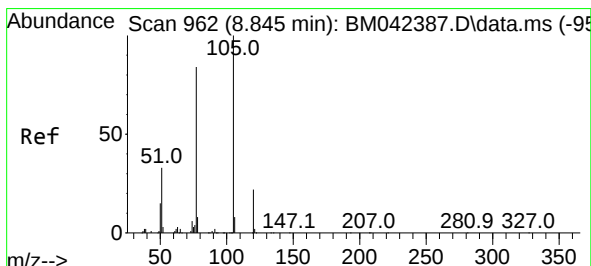
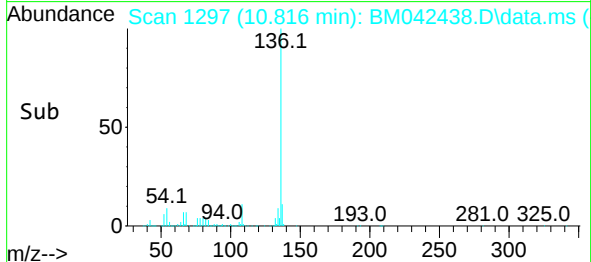
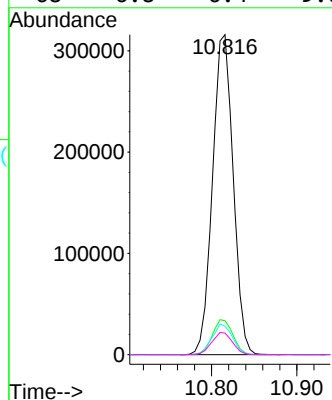
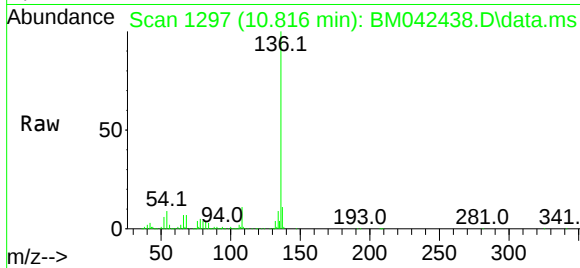




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

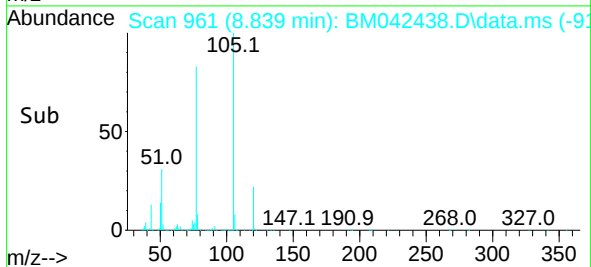
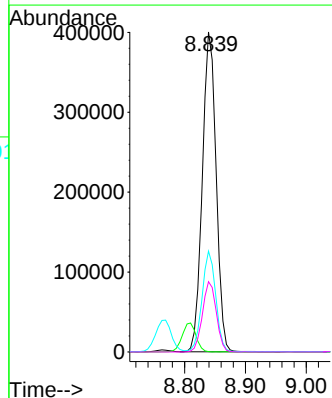
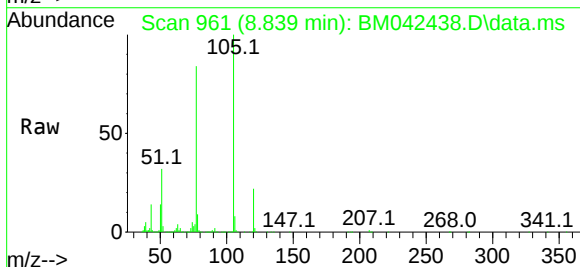
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

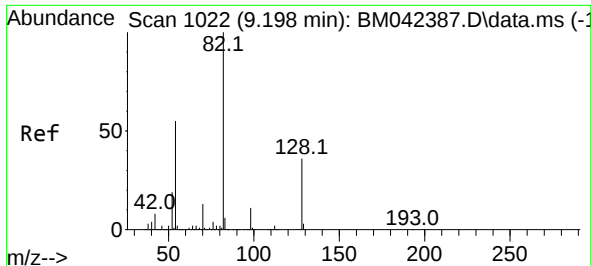
Tgt Ion:	136	Resp:	531386
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	8.9	8.6	12.8
68	6.8	6.4	9.6



#22
Acetophenone
Concen: 43.559 ng
RT: 8.839 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:	105	Resp:	631469
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.1	0.1
51	31.5	27.1	40.7
120	21.9	17.3	25.9

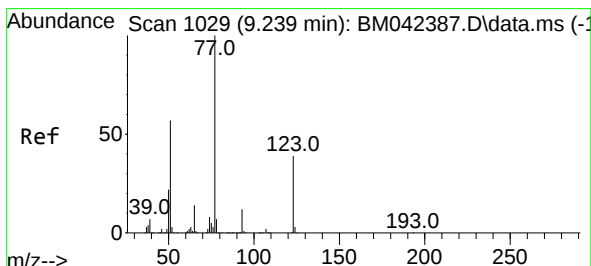
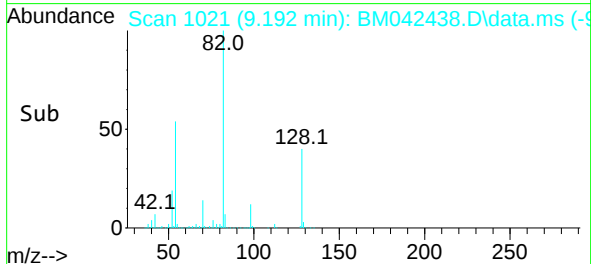
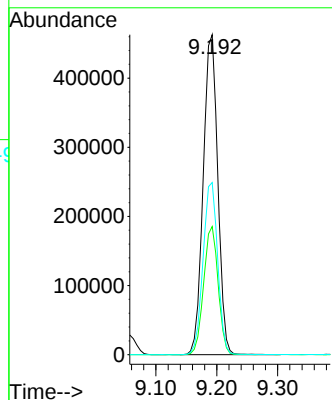
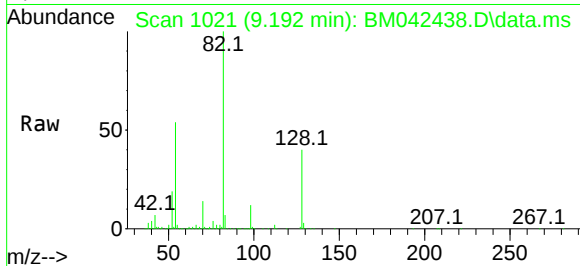




#23
Nitrobenzene-d5
Concen: 64.053 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

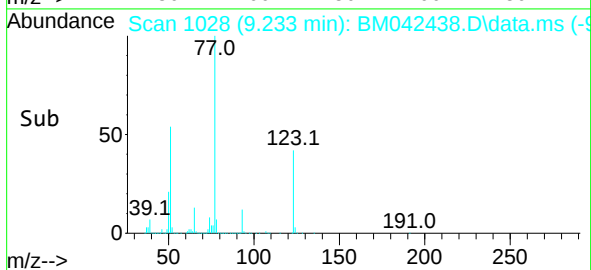
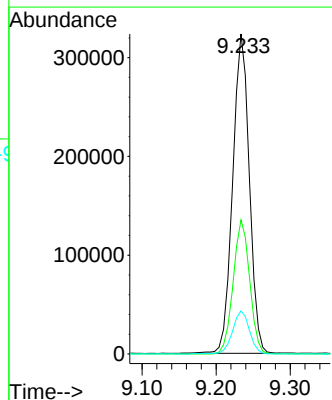
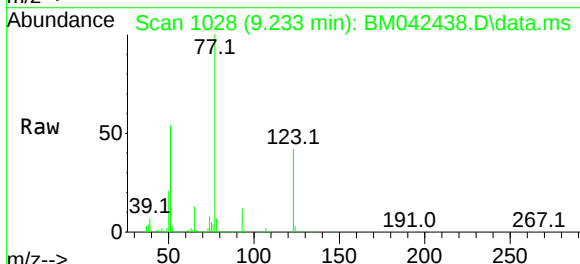
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

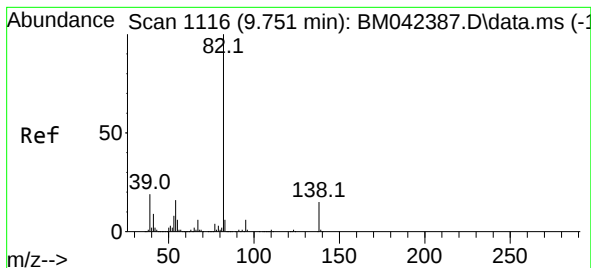
Tgt Ion: 82 Resp: 769725
Ion Ratio Lower Upper
82 100
128 40.1 29.0 43.6
54 53.8 43.7 65.5



#24
Nitrobenzene
Concen: 41.893 ng
RT: 9.233 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion: 77 Resp: 503649
Ion Ratio Lower Upper
77 100
123 41.9 31.2 46.8
65 13.4 11.4 17.0





#25

Isophorone

Concen: 45.342 ng

RT: 9.745 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

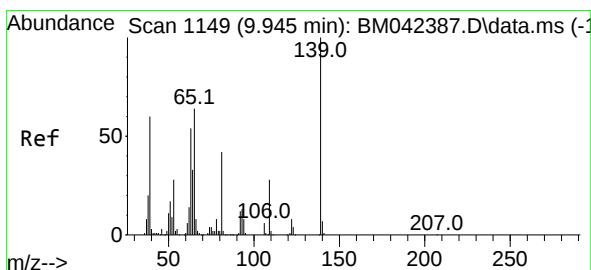
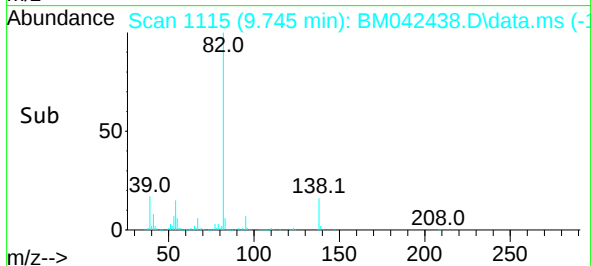
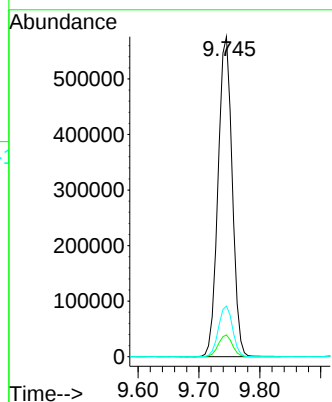
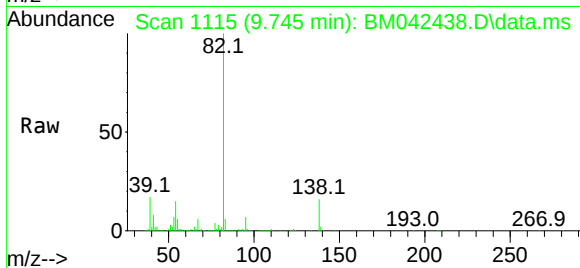
Tgt Ion: 82 Resp: 925976

Ion Ratio Lower Upper

82 100

95 6.8 5.1 7.7

138 15.9 11.8 17.6



#26

2-Nitrophenol

Concen: 47.808 ng

RT: 9.933 min Scan# 1147

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

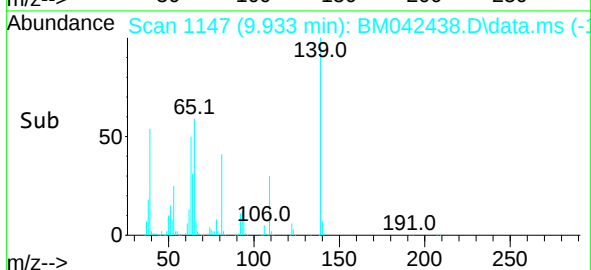
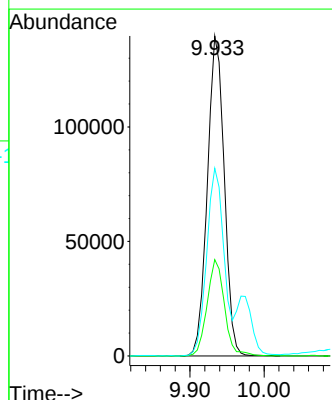
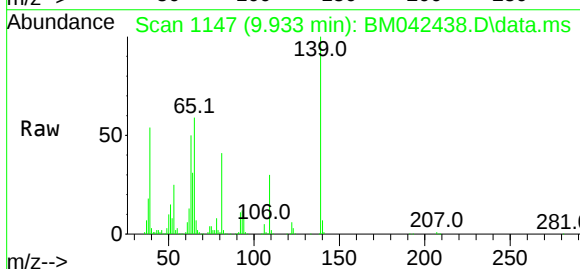
Tgt Ion:139 Resp: 221162

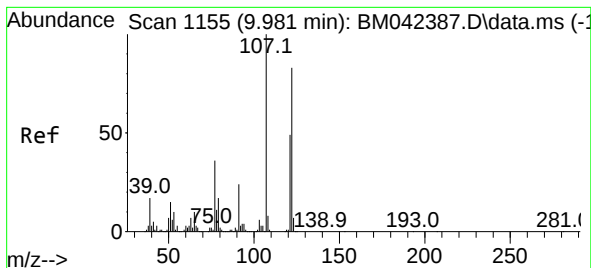
Ion Ratio Lower Upper

139 100

109 30.1 22.3 33.5

65 58.6 51.1 76.7





#27

2,4-Dimethylphenol

Concen: 43.679 ng

RT: 9.975 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

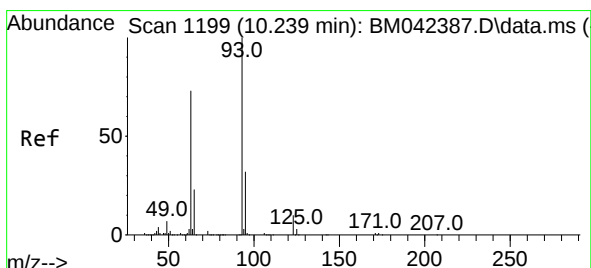
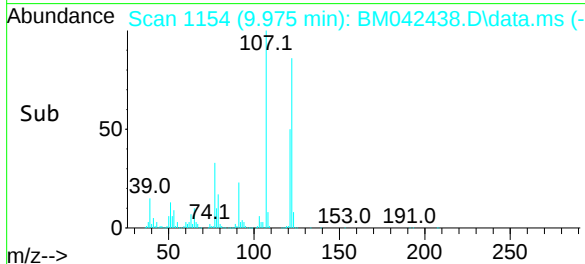
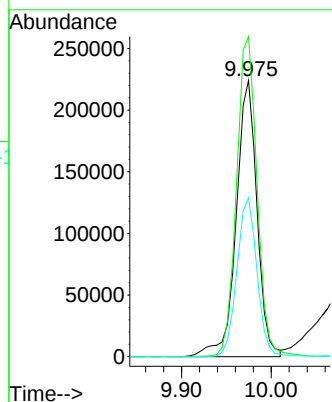
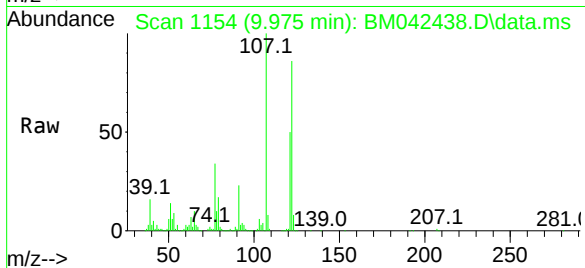
Tgt Ion:122 Resp: 361821

Ion Ratio Lower Upper

122 100

107 115.9 96.3 144.5

121 57.5 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.661 ng

RT: 10.228 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

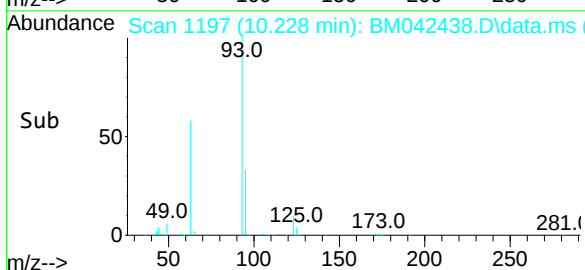
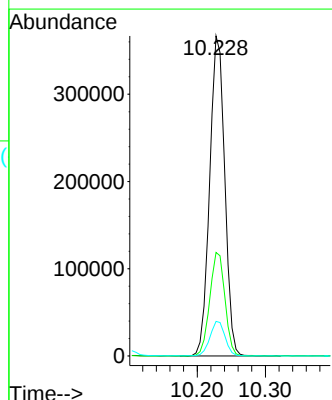
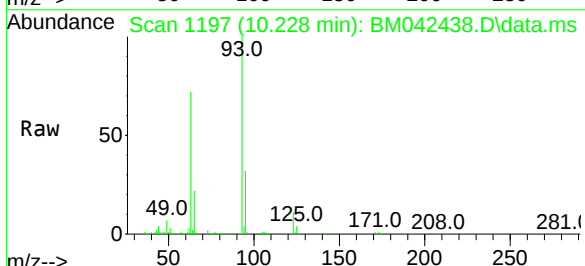
Tgt Ion: 93 Resp: 564913

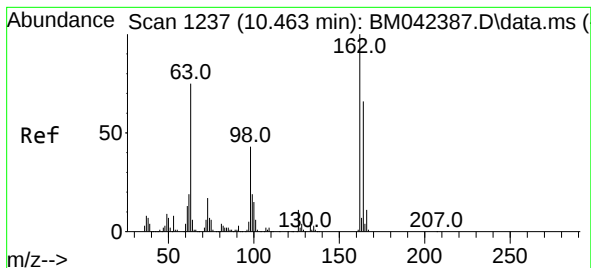
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

123 10.8 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 55.292 ng

RT: 10.451 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

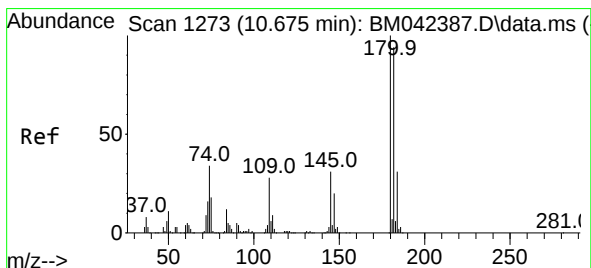
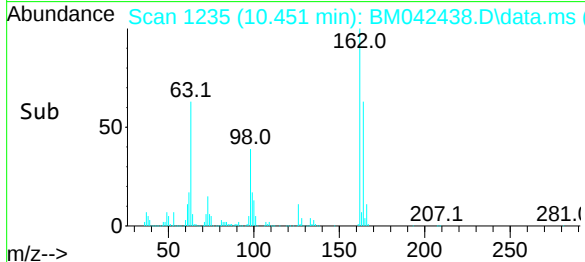
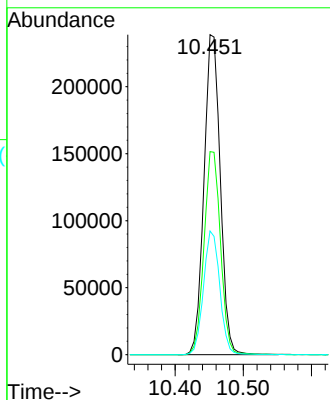
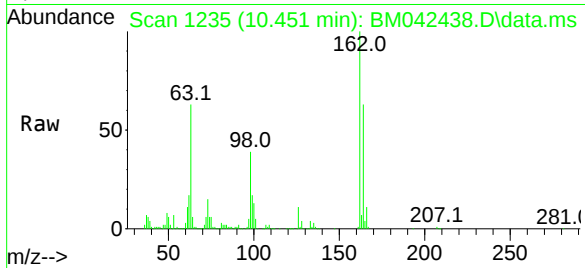
Tgt Ion:162 Resp: 398313

Ion Ratio Lower Upper

162 100

164 63.5 45.9 85.9

98 38.6 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 52.568 ng

RT: 10.663 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

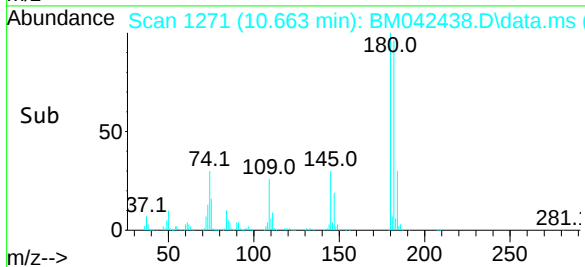
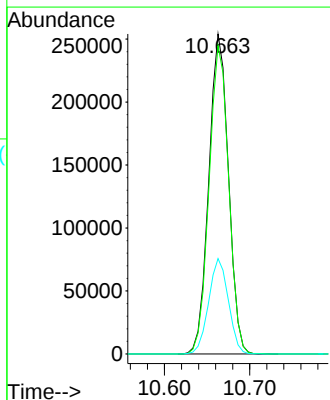
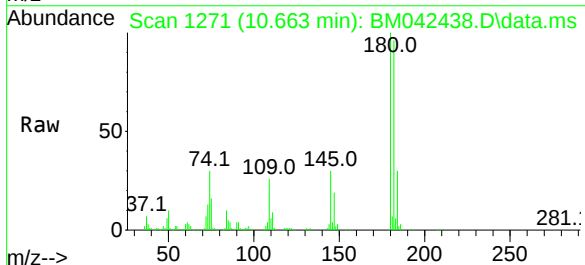
Tgt Ion:180 Resp: 405967

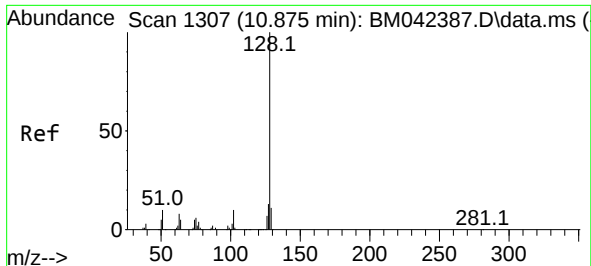
Ion Ratio Lower Upper

180 100

182 96.3 75.0 112.4

145 29.8 24.6 36.8

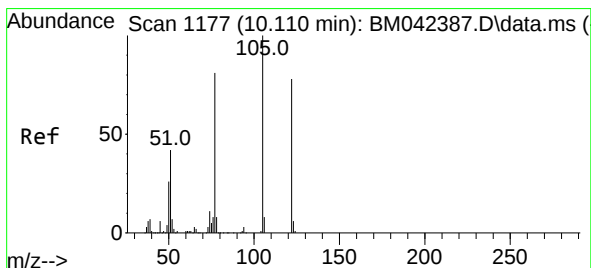
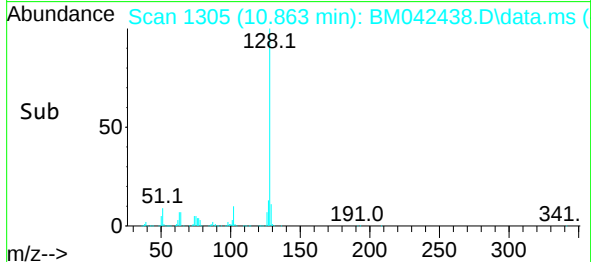
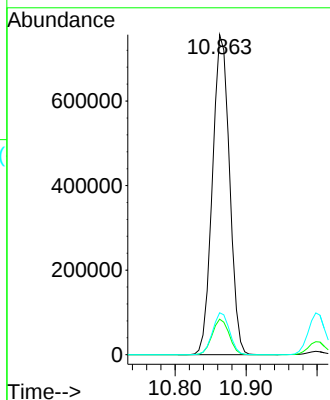
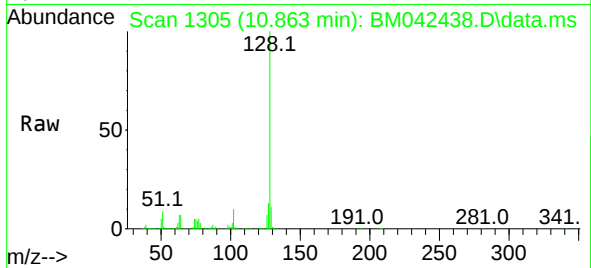




#31
Naphthalene
Concen: 46.278 ng
RT: 10.863 min Scan# 1176
Delta R.T. -0.012 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

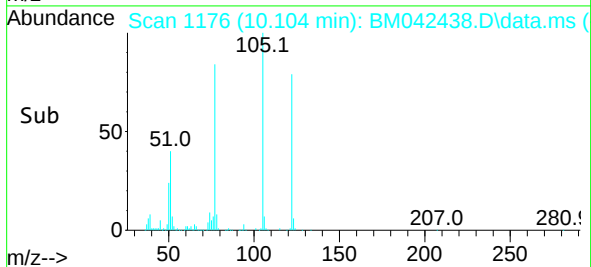
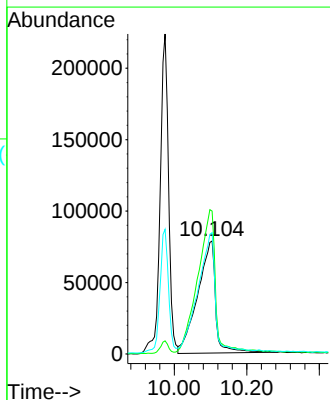
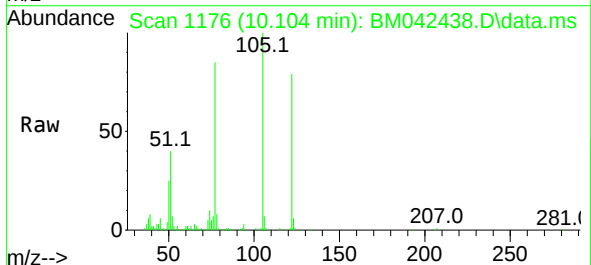
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

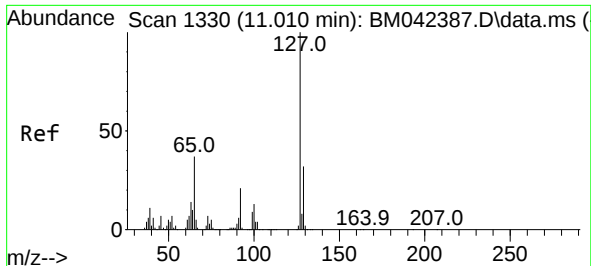
Tgt Ion:128 Resp: 1263127
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 44.837 ng
RT: 10.104 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:122 Resp: 269265
Ion Ratio Lower Upper
122 100
105 126.6 104.9 144.9
77 107.4 83.4 123.4

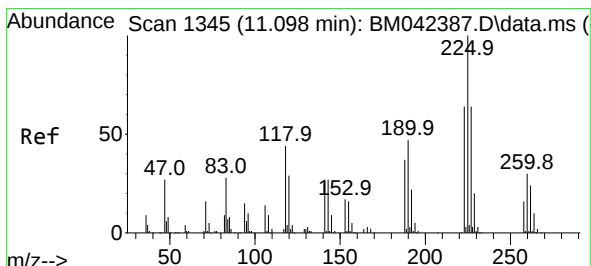
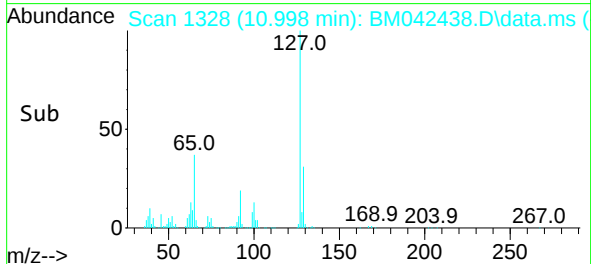
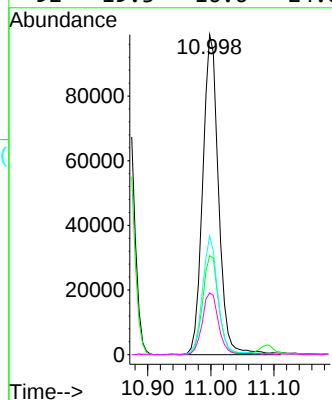
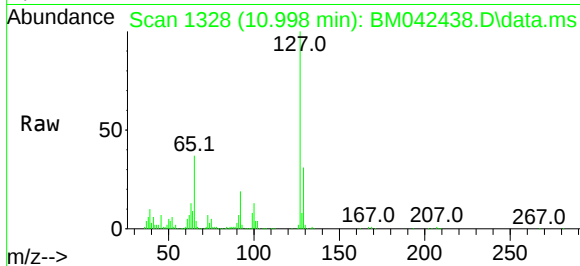




#33
4-Chloroaniline
Concen: 14.564 ng
RT: 10.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

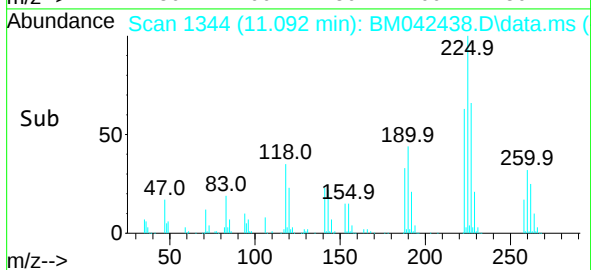
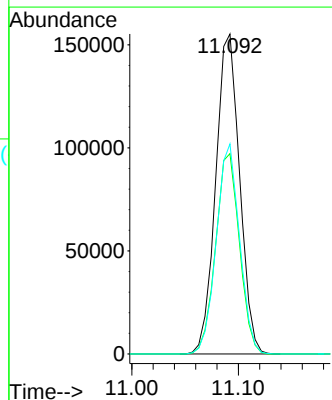
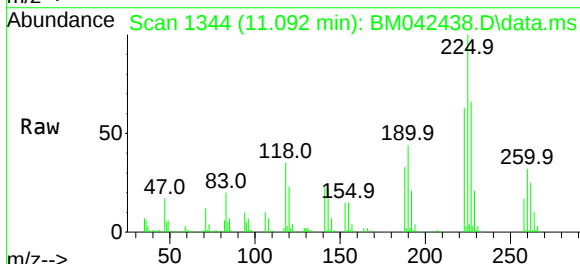
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

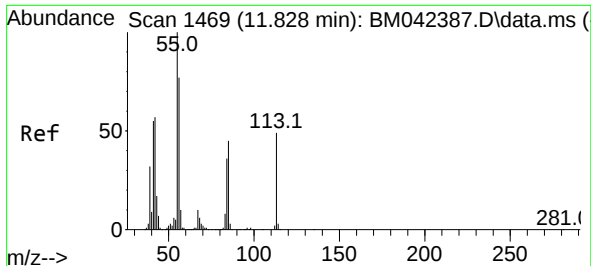
Tgt Ion:127	Resp: 172593
Ion Ratio	Lower Upper
127 100	
129 30.9	25.3 37.9
65 37.1	29.6 44.4
92 19.3	16.6 24.8



#34
Hexachlorobutadiene
Concen: 57.881 ng
RT: 11.092 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:225	Resp: 241884
Ion Ratio	Lower Upper
225 100	
223 62.6	51.5 77.3
227 65.6	51.3 76.9

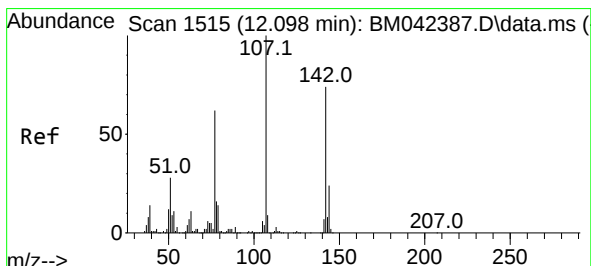
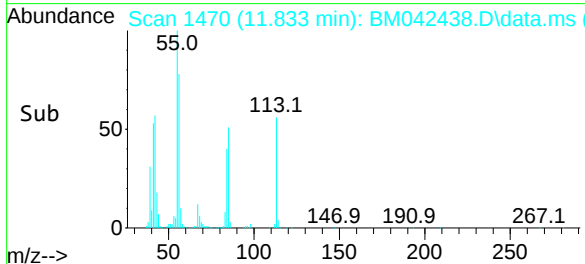
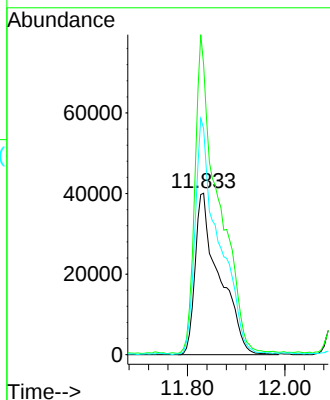
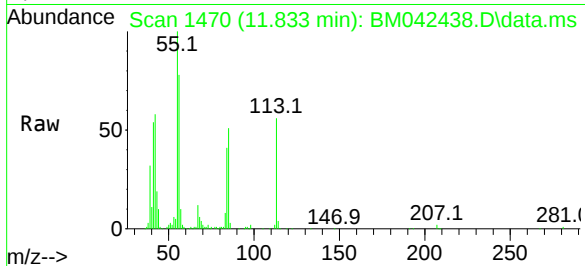




#35
 Caprolactam
 Concen: 48.260 ng
 RT: 11.833 min Scan# 1469
 Delta R.T. 0.005 min
 Lab File: BM042438.D
 Acq: 25 Oct 2023 15:22

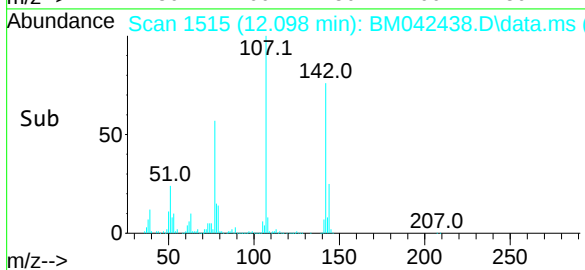
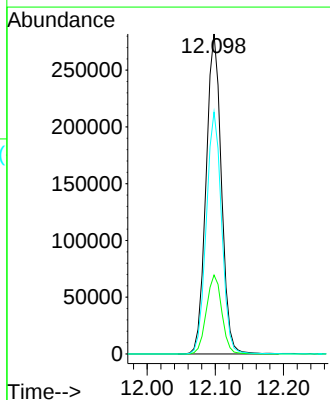
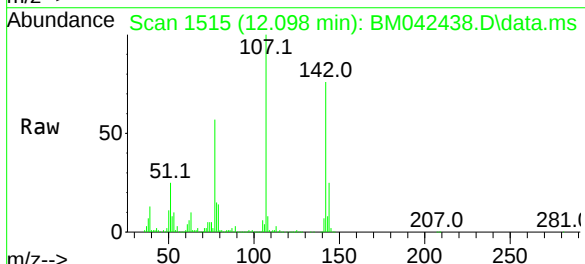
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B5-COMP-101723MSD

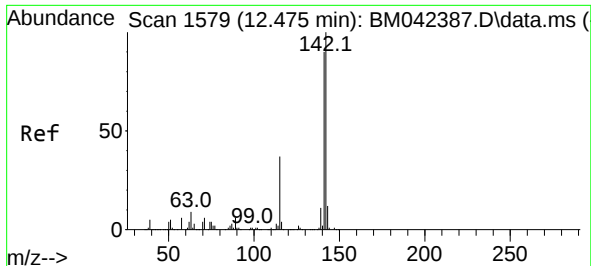
Tgt Ion:113 Resp: 138105
 Ion Ratio Lower Upper
 113 100
 55 179.5 185.6 225.6#
 56 140.1 137.8 177.8



#36
 4-Chloro-3-methylphenol
 Concen: 50.790 ng
 RT: 12.098 min Scan# 1515
 Delta R.T. -0.000 min
 Lab File: BM042438.D
 Acq: 25 Oct 2023 15:22

Tgt Ion:107 Resp: 441528
 Ion Ratio Lower Upper
 107 100
 144 24.7 18.9 28.3
 142 75.6 59.2 88.8

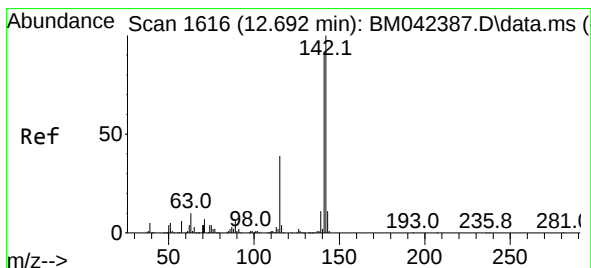
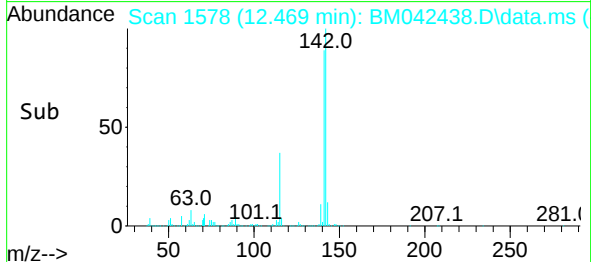
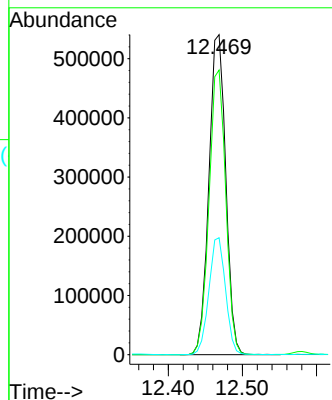
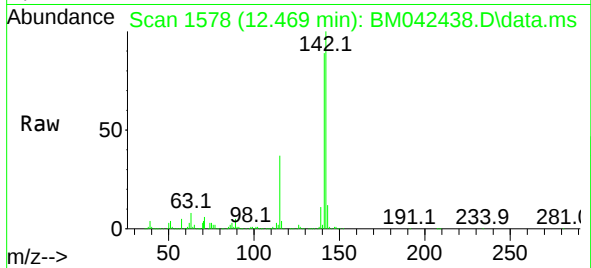




#37
2-Methylnaphthalene
Concen: 46.416 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

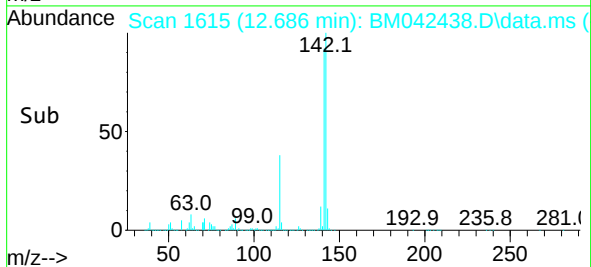
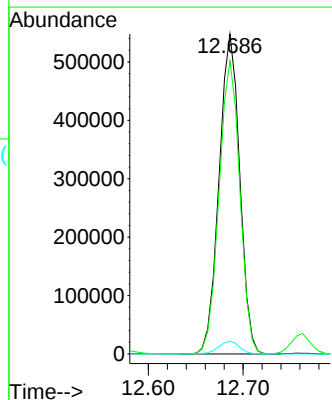
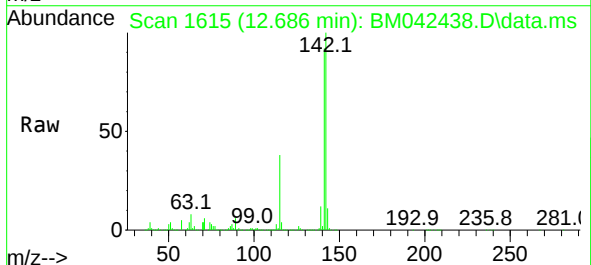
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

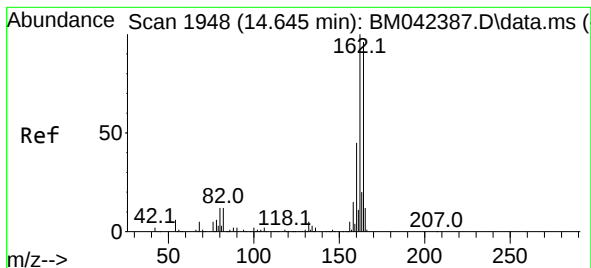
Tgt Ion:142 Resp: 852828
Ion Ratio Lower Upper
142 100
141 89.0 72.0 108.0
115 36.6 29.4 44.2



#38
1-Methylnaphthalene
Concen: 48.260 ng
RT: 12.686 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:142 Resp: 830685
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.6
116 4.0 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.639 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

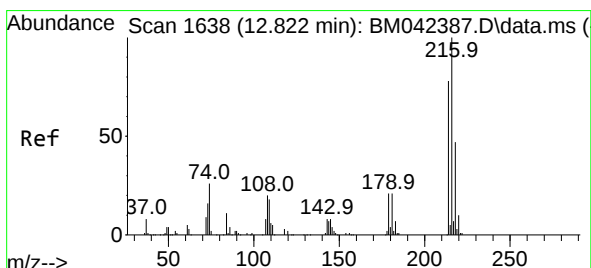
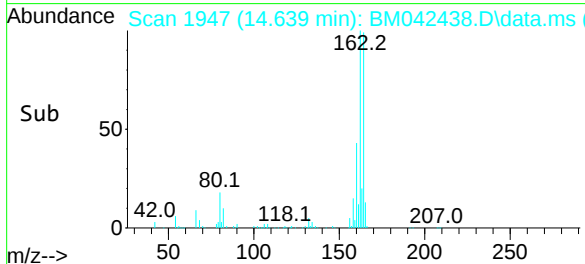
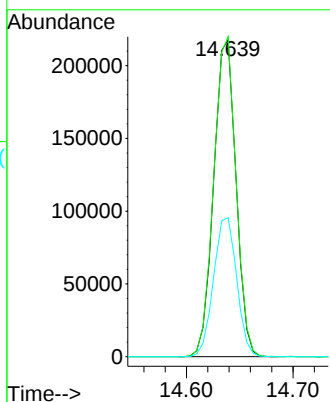
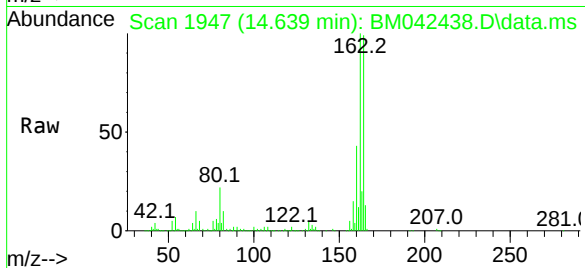
Tgt Ion:164 Resp: 315825

Ion Ratio Lower Upper

164 100

162 101.0 83.0 124.4

160 43.9 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.560 ng

RT: 12.816 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Tgt Ion:216 Resp: 461634

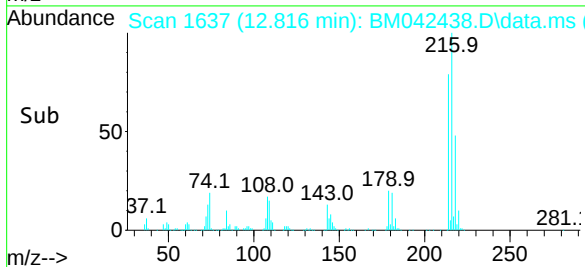
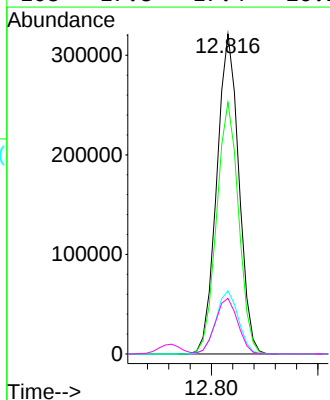
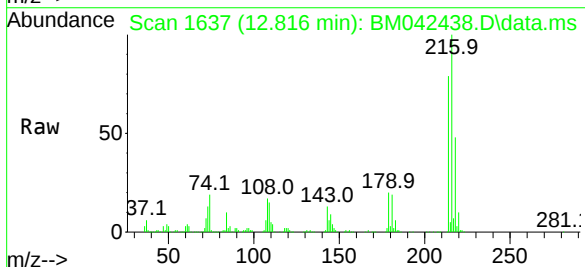
Ion Ratio Lower Upper

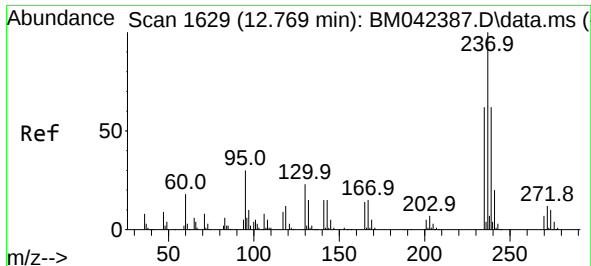
216 100

214 78.4 63.0 94.4

179 20.1 17.2 25.8

108 17.8 17.4 26.2

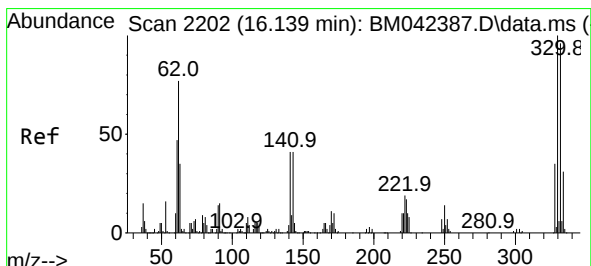
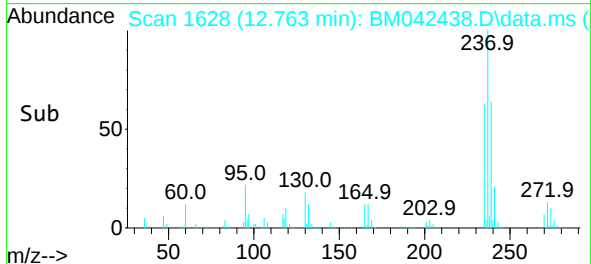
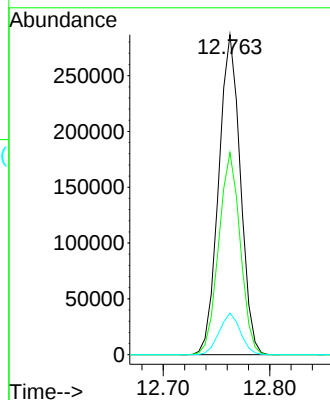
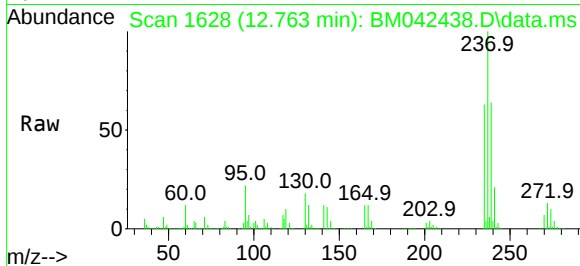




#41
Hexachlorocyclopentadiene
Concen: 81.543 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

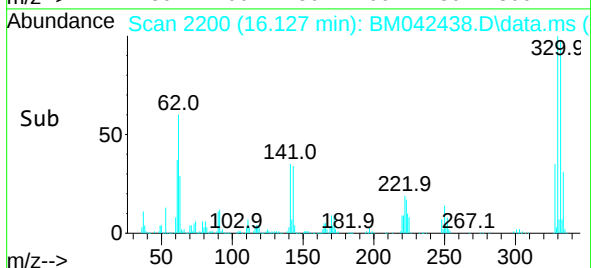
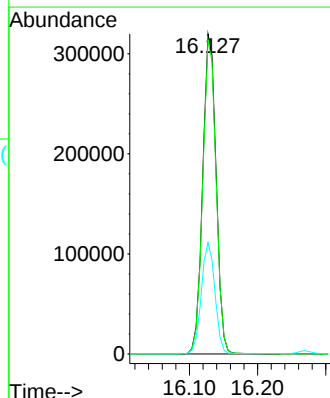
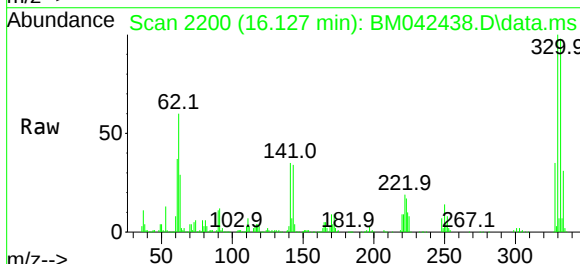
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ClientSampleId :
LSS-B5-COMP-101723MSD

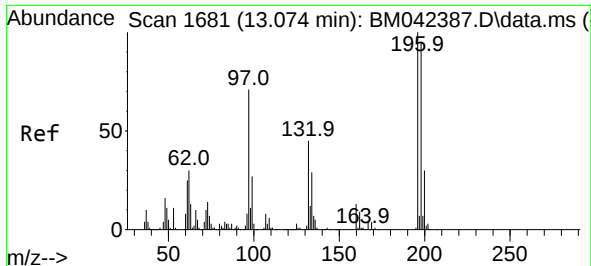
Tgt Ion:237 Resp: 404143
Ion Ratio Lower Upper
237 100
235 63.1 41.5 81.5
272 13.0 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 125.644 ng
RT: 16.127 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:330 Resp: 437067
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 35.4 38.0 57.0#





#43

2,4,6-Trichlorophenol

Concen: 53.517 ng

RT: 13.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

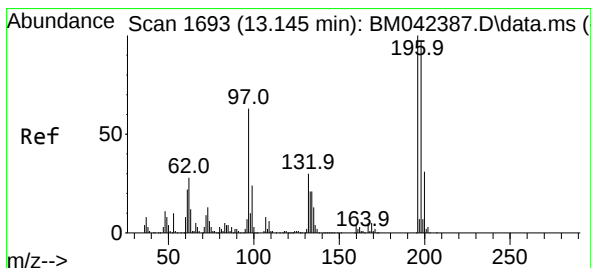
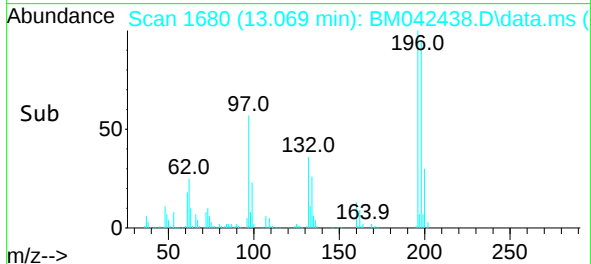
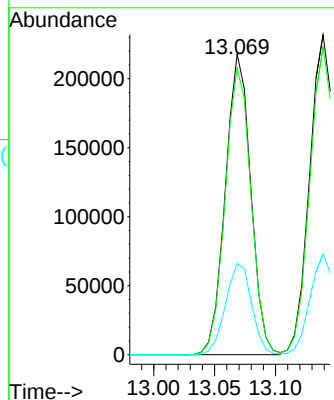
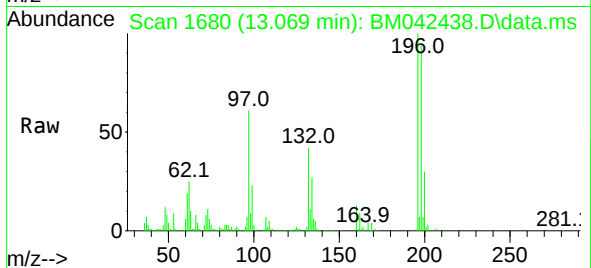
Tgt Ion:196 Resp: 316310

Ion Ratio Lower Upper

196 100

198 95.3 76.3 114.5

200 30.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 49.389 ng

RT: 13.139 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Tgt Ion:196 Resp: 345076

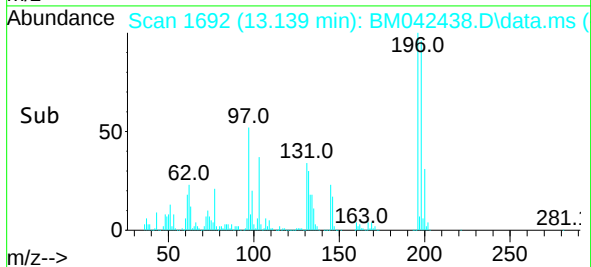
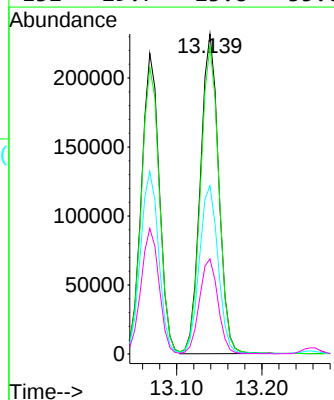
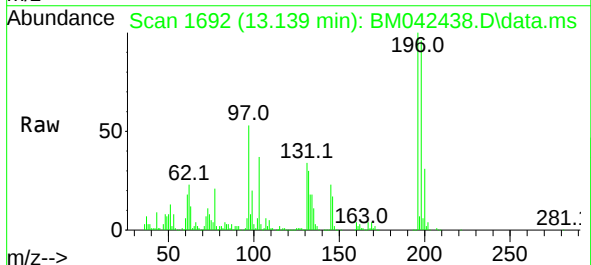
Ion Ratio Lower Upper

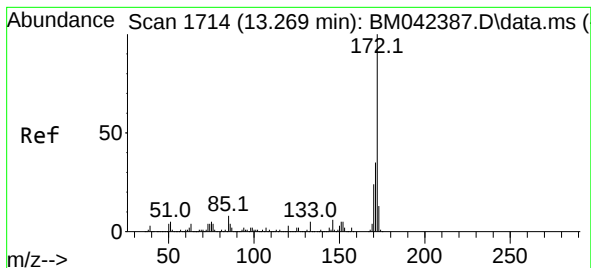
196 100

198 96.1 77.9 116.9

97 52.5 50.9 76.3

132 29.7 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 66.370 ng

RT: 13.257 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

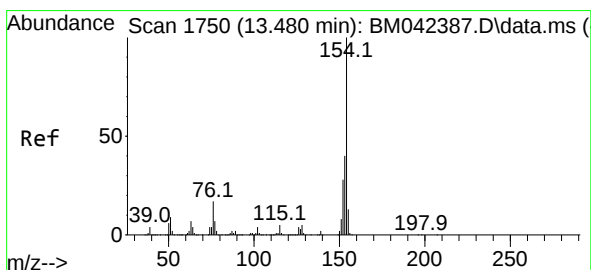
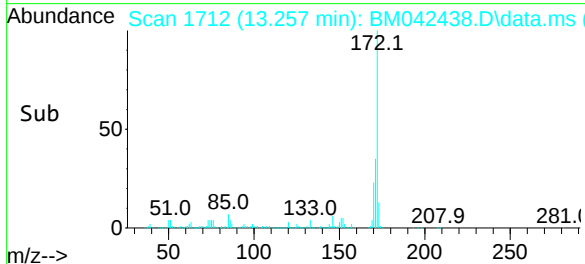
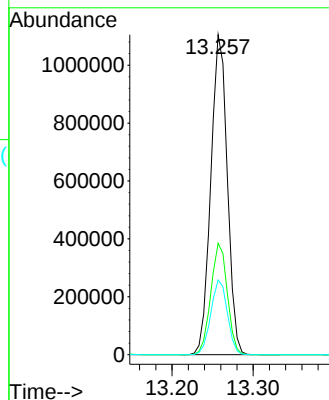
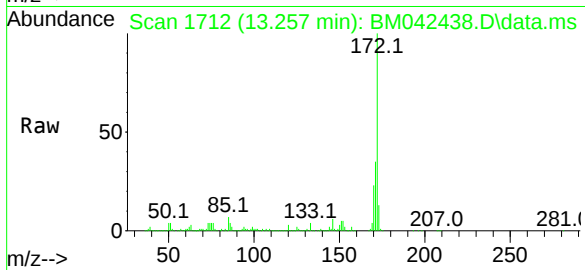
Tgt Ion:172 Resp: 1556590

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 45.993 ng

RT: 13.474 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

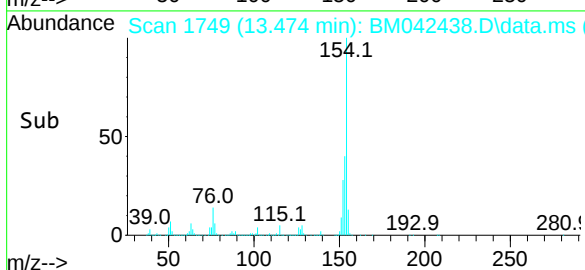
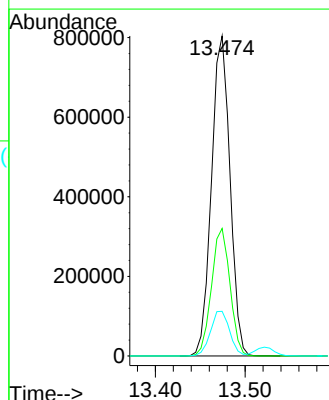
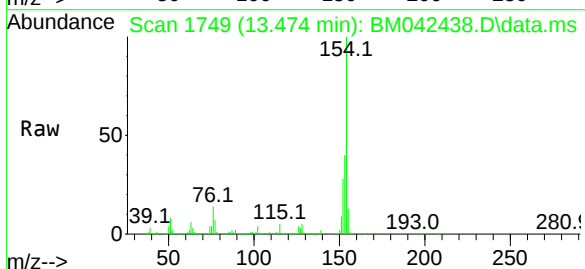
Tgt Ion:154 Resp: 1152327

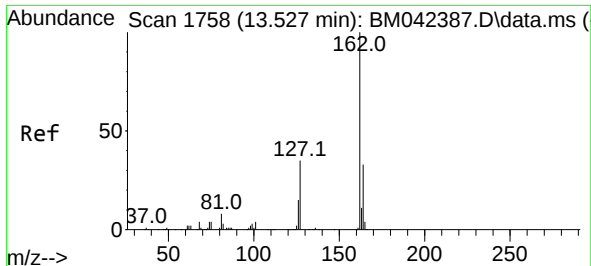
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 14.0 0.0 36.9

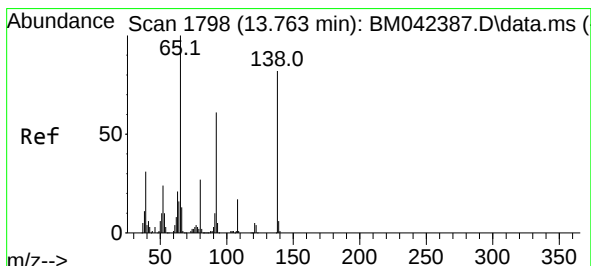
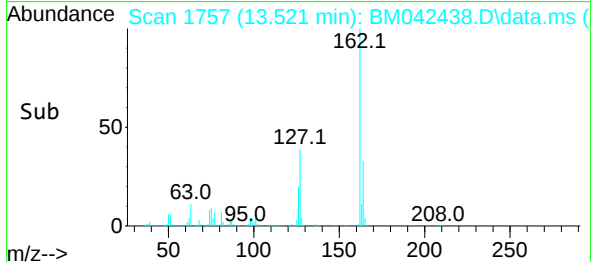
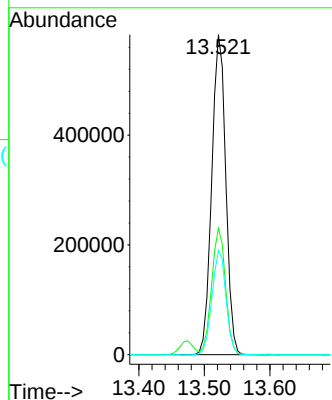
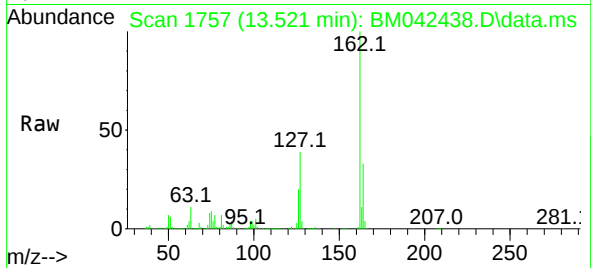




#47
2-Chloronaphthalene
Concen: 47.132 ng
RT: 13.521 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

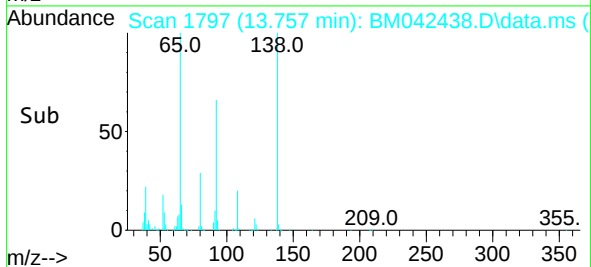
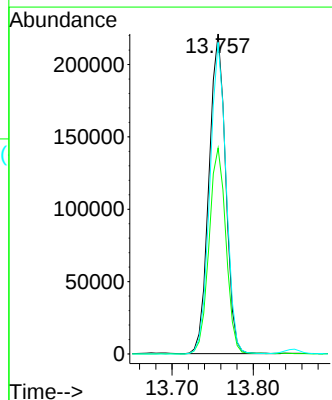
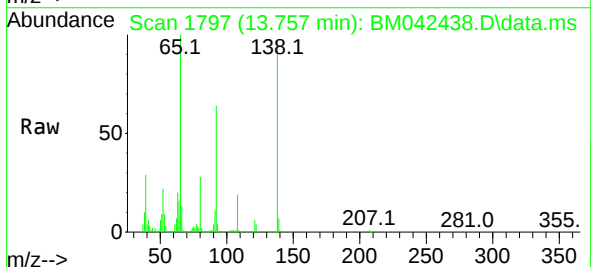
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

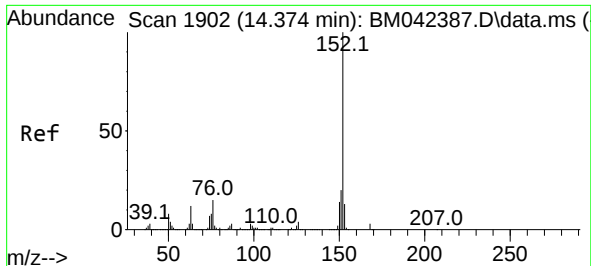
Tgt Ion:162 Resp: 866345
Ion Ratio Lower Upper
162 100
127 39.5 32.2 48.2
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 39.420 ng
RT: 13.757 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion: 65 Resp: 314416
Ion Ratio Lower Upper
65 100
92 64.4 49.0 73.6
138 97.3 65.5 98.3

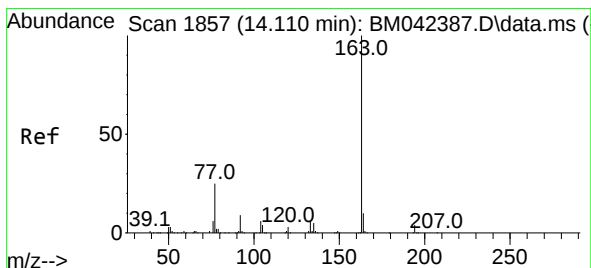
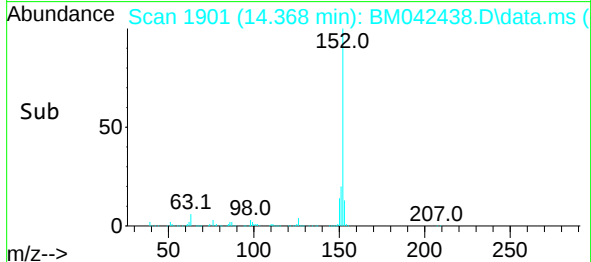
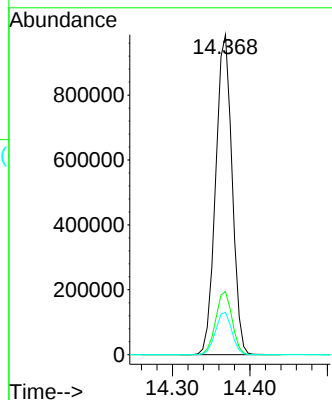
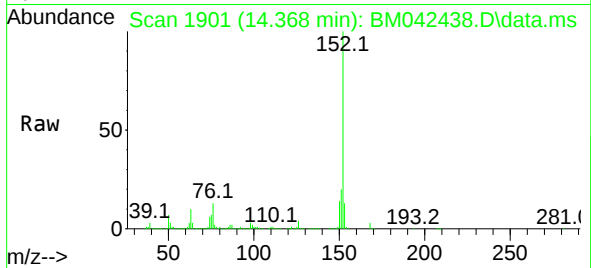




#49
Acenaphthylene
Concen: 48.804 ng
RT: 14.368 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

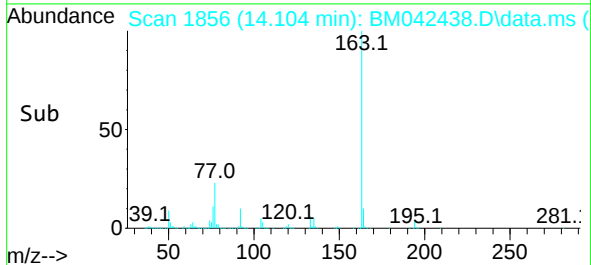
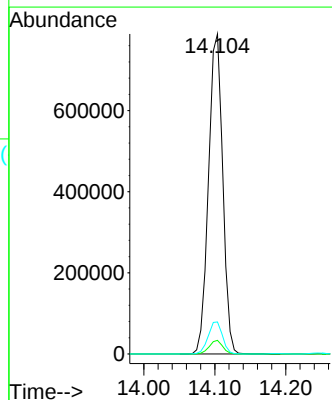
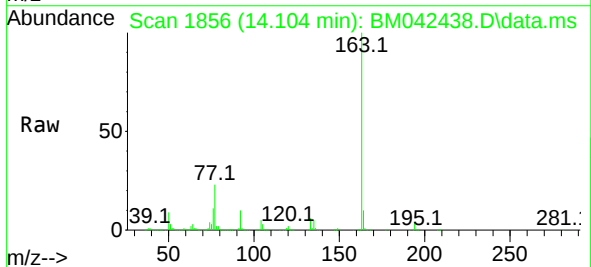
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

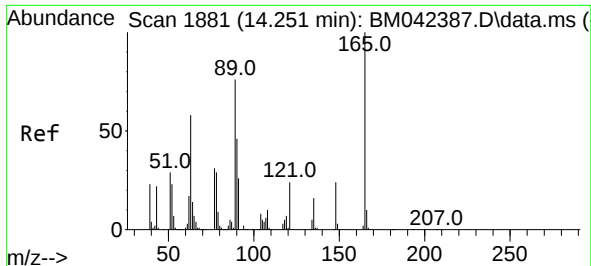
Tgt Ion:152 Resp: 1448287
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 47.411 ng
RT: 14.104 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:163 Resp: 1098309
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.4
164 10.0 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 45.227 ng

RT: 14.245 min Scan# 1880

Delta R.T. -0.006 min

Lab File: BM042438.D

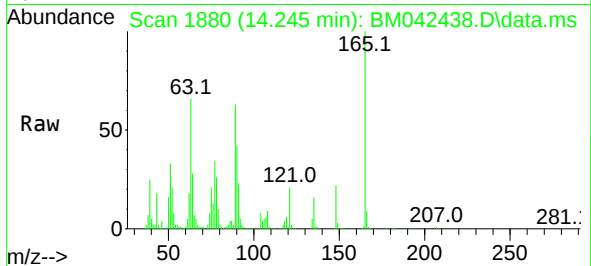
Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD



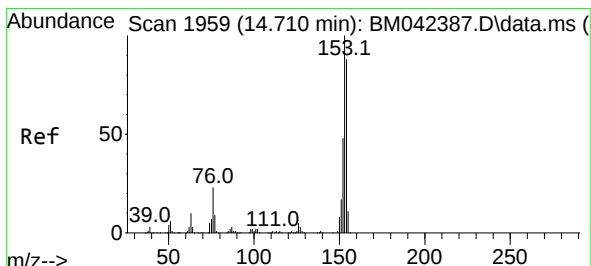
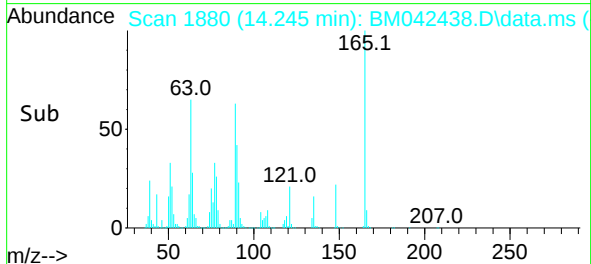
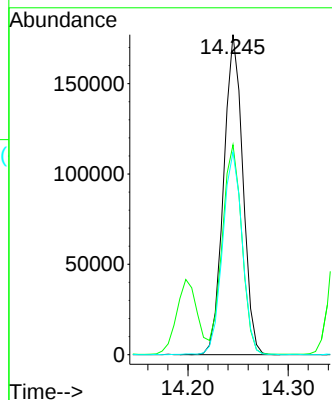
Tgt Ion:165 Resp: 235637

Ion Ratio Lower Upper

165 100

63 65.6 65.3 97.9

89 63.3 60.6 91.0



#52

Acenaphthene

Concen: 46.249 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

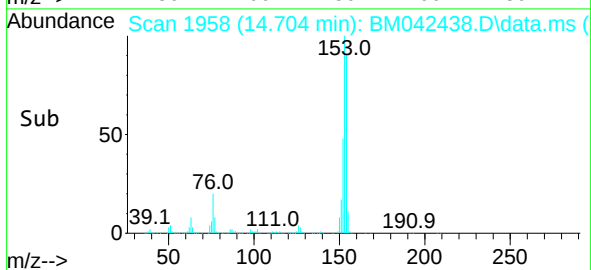
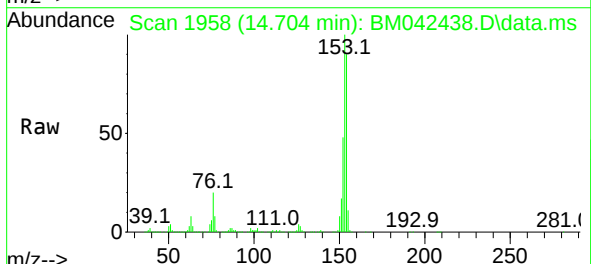
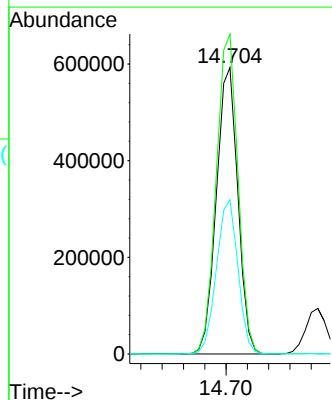
Tgt Ion:154 Resp: 829760

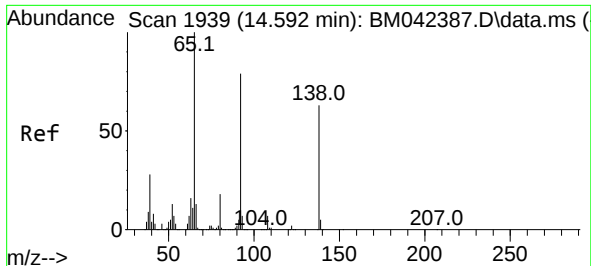
Ion Ratio Lower Upper

154 100

153 111.7 91.1 136.7

152 53.9 44.0 66.0

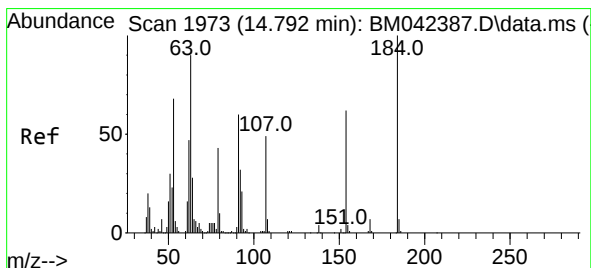
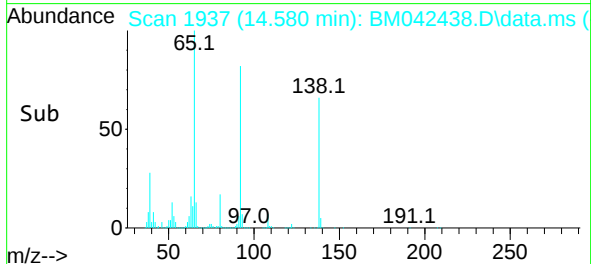
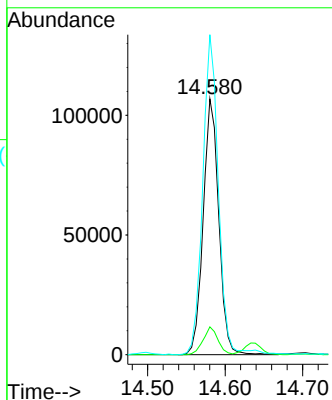
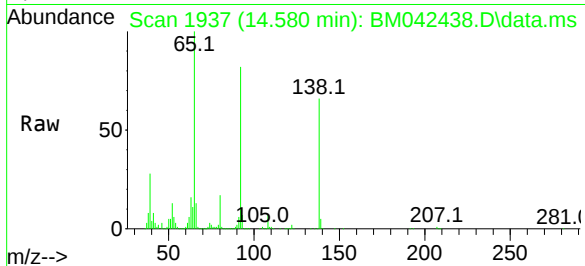




#53
3-Nitroaniline
Concen: 25.713 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

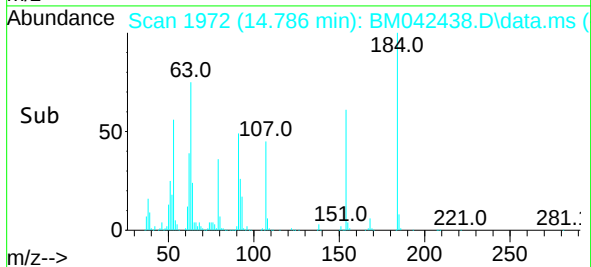
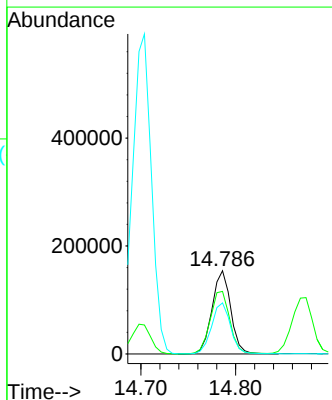
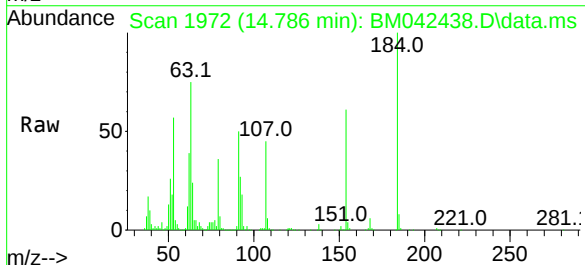
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

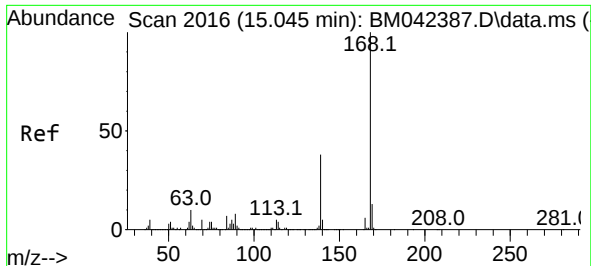
Tgt Ion:138 Resp: 149390
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 125.0 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 66.754 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:184 Resp: 211405
Ion Ratio Lower Upper
184 100
63 75.2 72.2 108.2
154 61.3 49.6 74.4

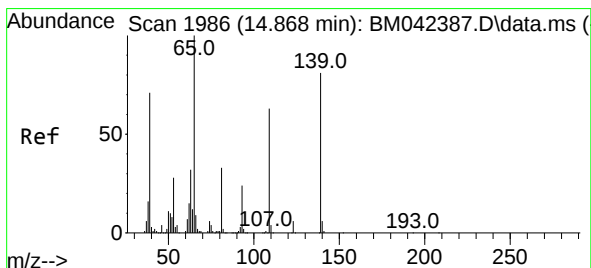
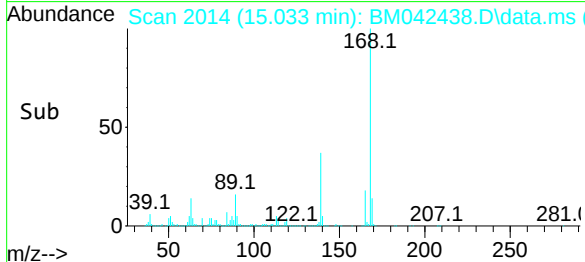
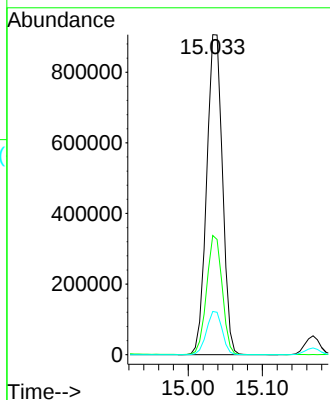
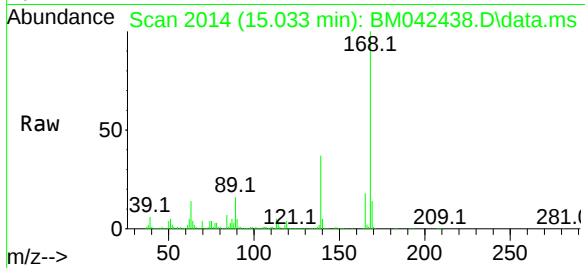




#55
Dibenzenofuran
Concen: 47.148 ng
RT: 15.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

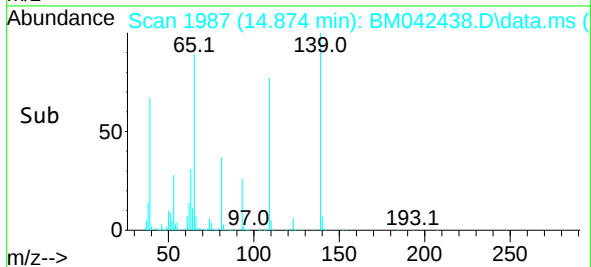
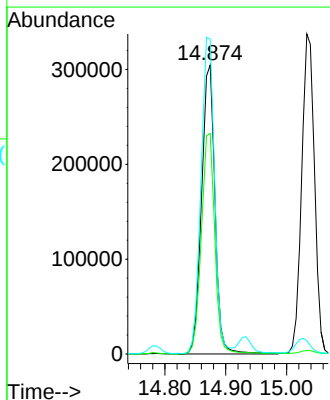
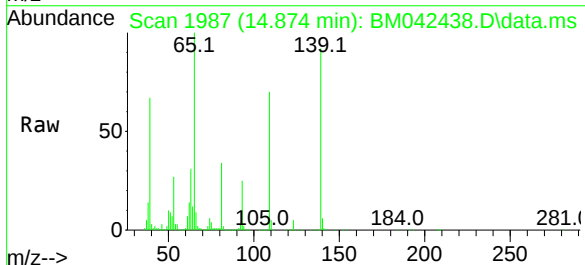
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

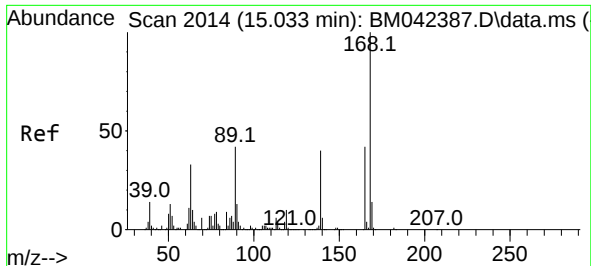
Tgt Ion:168 Resp: 1337887
Ion Ratio Lower Upper
168 100
139 37.2 30.6 46.0
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 98.812 ng
RT: 14.874 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:139 Resp: 466207
Ion Ratio Lower Upper
139 100
109 76.3 58.0 98.0
65 109.0 104.2 144.2

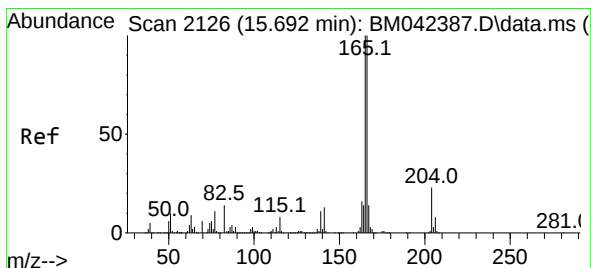
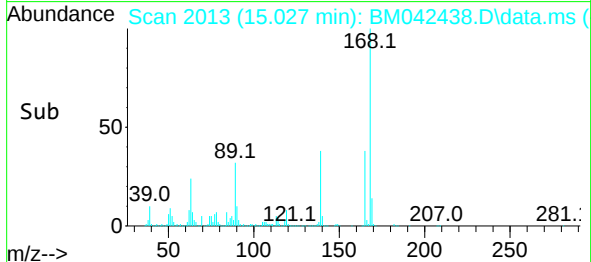
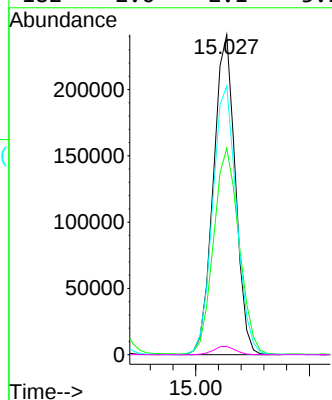
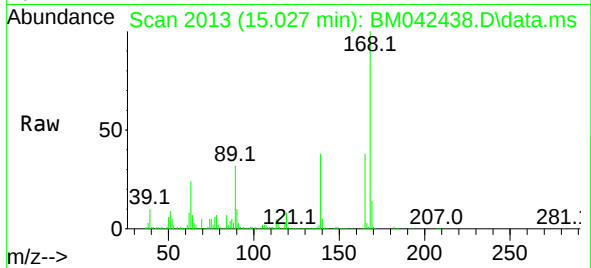




#57
2,4-Dinitrotoluene
Concen: 46.381 ng
RT: 15.027 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

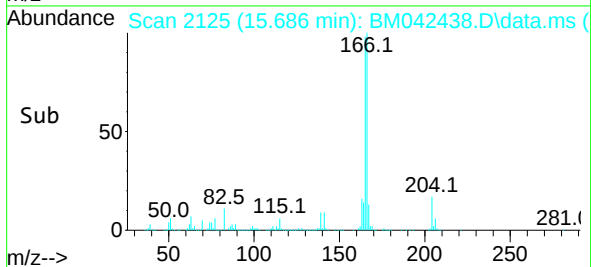
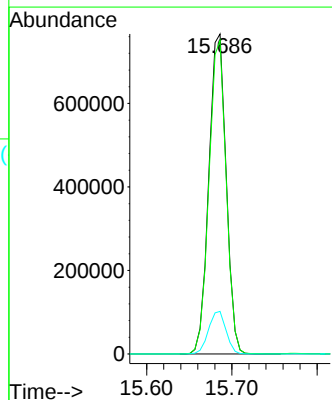
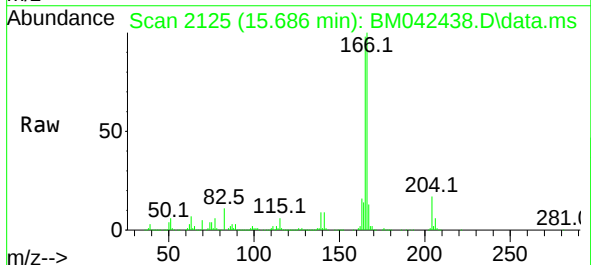
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

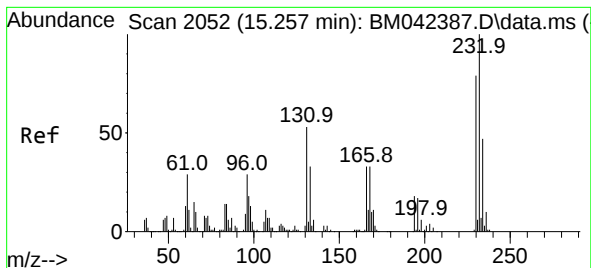
Tgt Ion:165 Resp: 323426
Ion Ratio Lower Upper
165 100
63 64.5 62.9 94.3
89 83.9 80.2 120.2
182 2.6 2.1 3.1



#58
Fluorene
Concen: 48.470 ng
RT: 15.686 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:166 Resp: 1085341
Ion Ratio Lower Upper
166 100
165 97.9 79.6 119.4
167 13.3 10.9 16.3

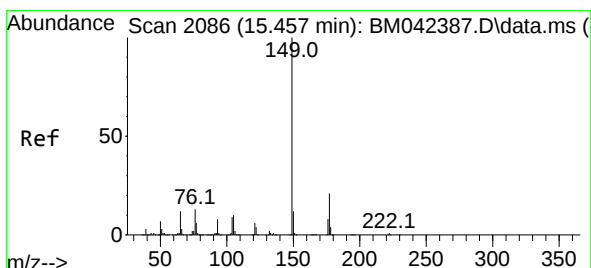
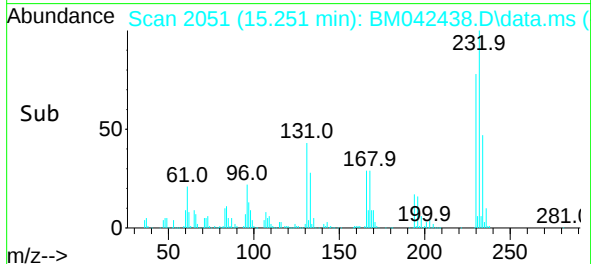
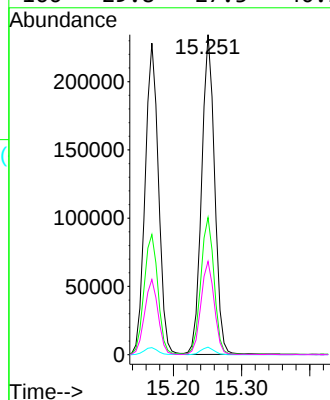
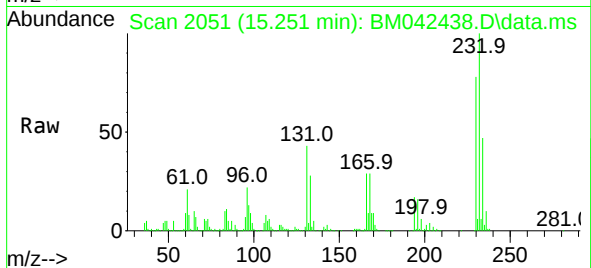




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.241 ng
RT: 15.251 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

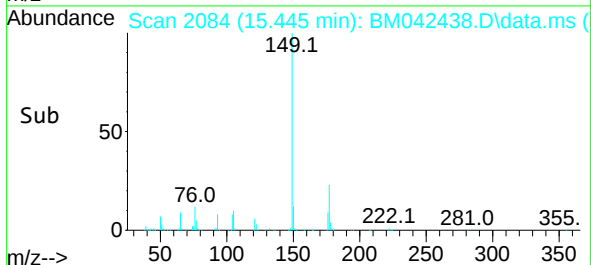
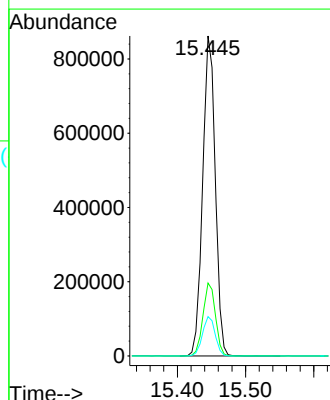
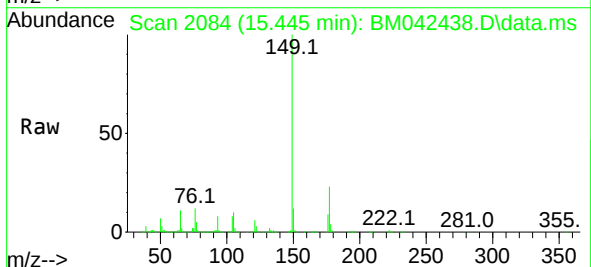
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

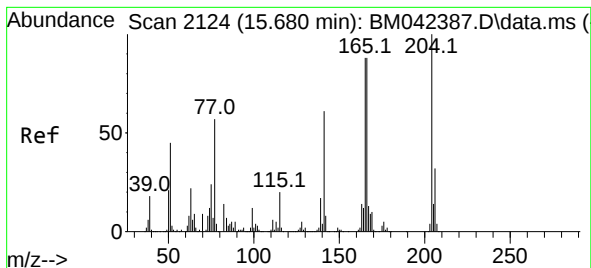
Tgt Ion:232 Resp: 310947
Ion Ratio Lower Upper
232 100
131 43.8 42.8 64.2
130 2.4 2.2 3.2
166 29.8 27.3 40.9



#60
Diethylphthalate
Concen: 48.292 ng
RT: 15.445 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:149 Resp: 1104004
Ion Ratio Lower Upper
149 100
177 22.8 16.7 25.1
150 12.3 9.8 14.6

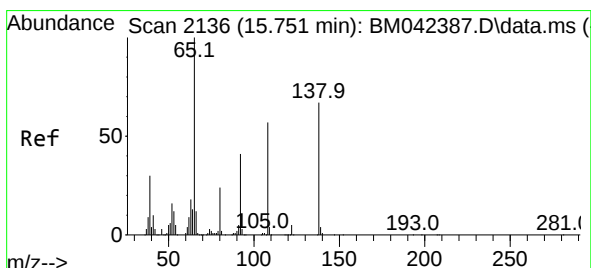
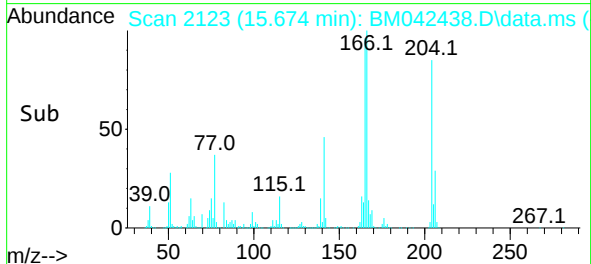
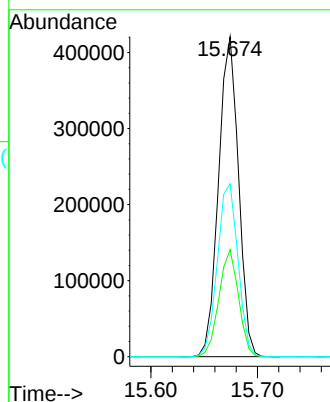
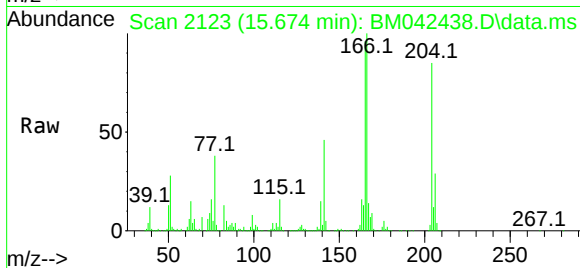




#61
4-Chlorophenyl-phenylether
Concen: 51.862 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

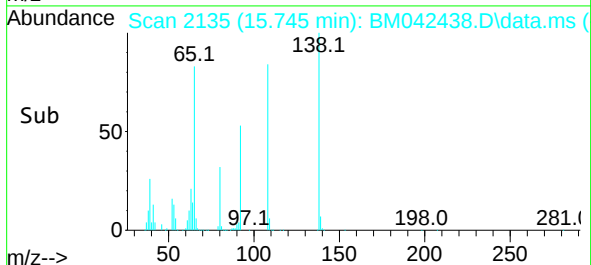
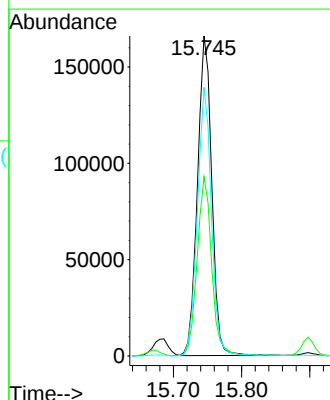
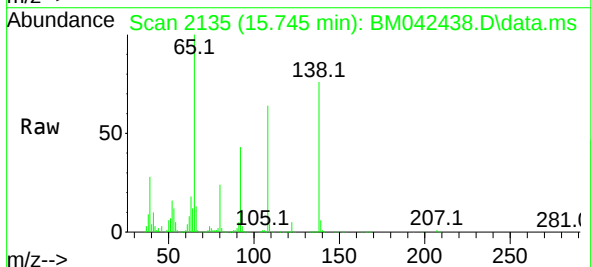
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

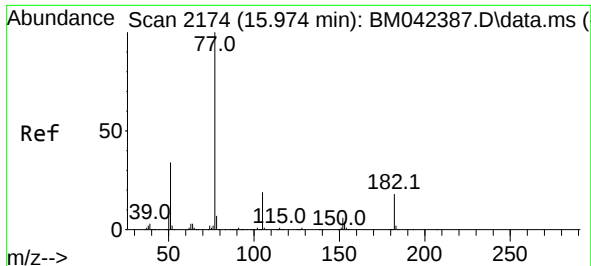
Tgt Ion:204 Resp: 546905
Ion Ratio Lower Upper
204 100
206 33.4 25.4 38.0
141 54.1 49.1 73.7



#62
4-Nitroaniline
Concen: 41.108 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:138 Resp: 241127
Ion Ratio Lower Upper
138 100
92 56.0 40.4 80.4
108 83.9 65.3 105.3

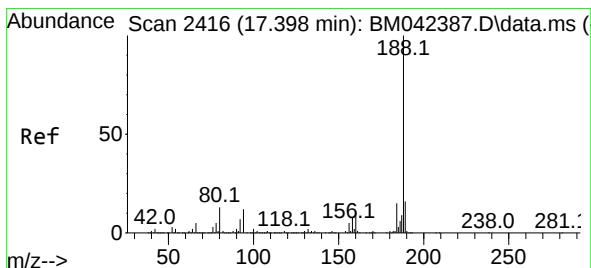
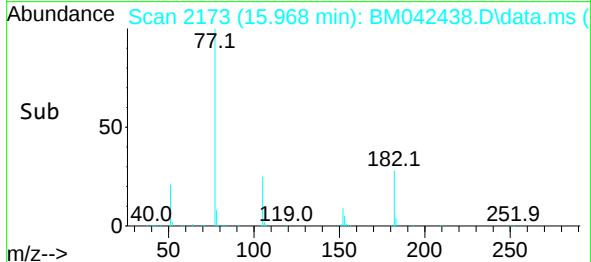
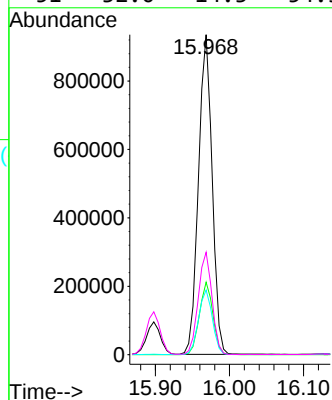
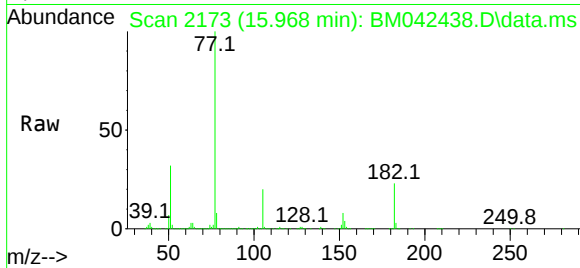




#63
Azobenzene
Concen: 43.773 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

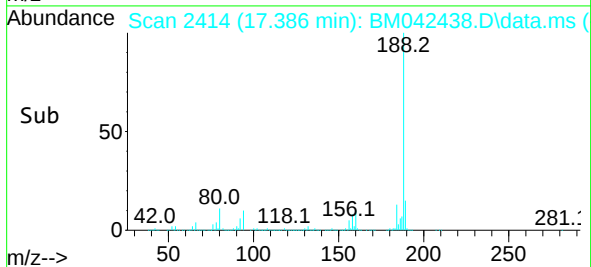
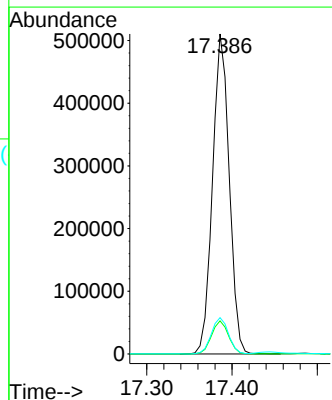
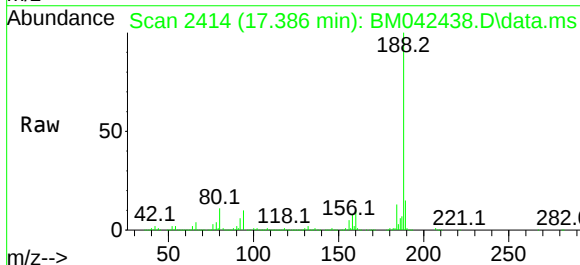
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

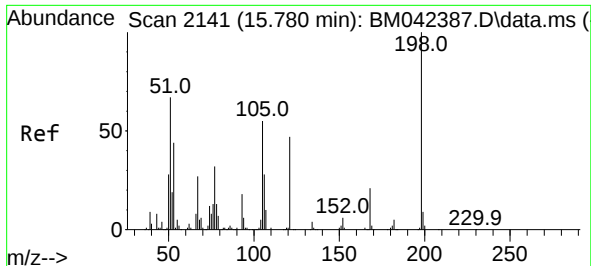
Tgt Ion: 77 Resp: 1200572
Ion Ratio Lower Upper
77 100
182 22.7 0.0 37.7
105 20.2 0.0 38.9
51 32.0 14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion: 188 Resp: 693619
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.0
80 11.3 10.7 16.1

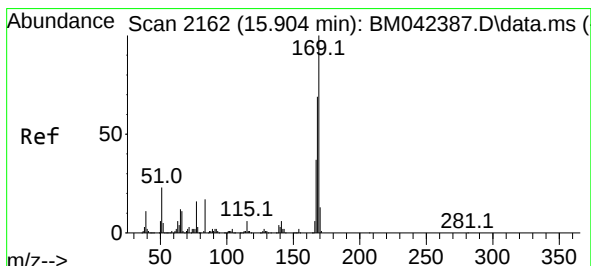
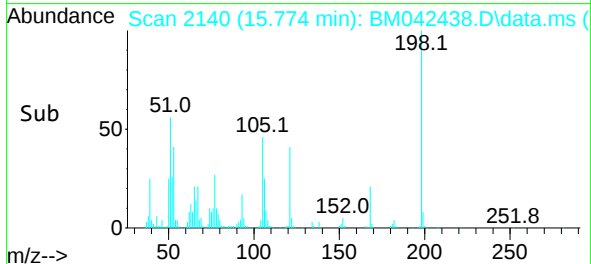
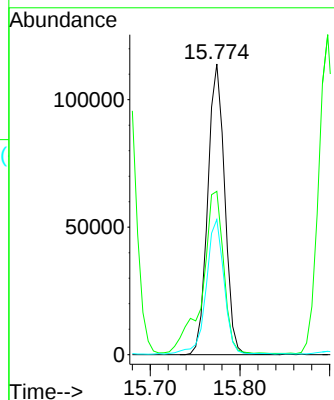
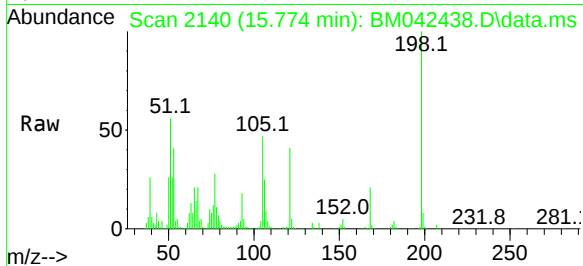




#65
4,6-Dinitro-2-methylphenol
Concen: 35.557 ng
RT: 15.774 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

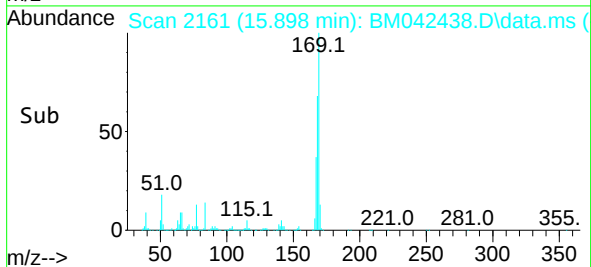
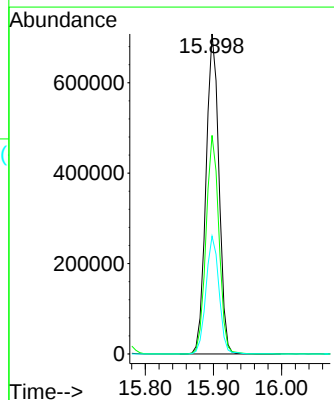
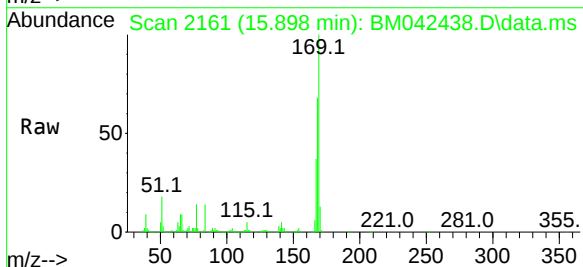
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

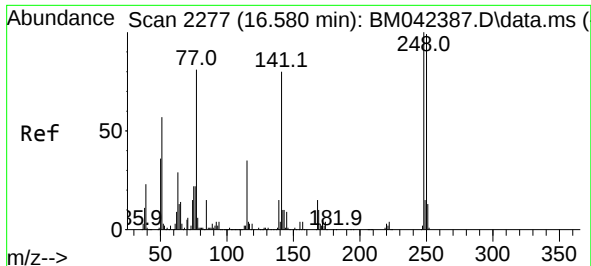
Tgt Ion:198 Resp: 149532
Ion Ratio Lower Upper
198 100
51 56.2 54.1 94.1
105 46.5 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 44.860 ng
RT: 15.898 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:169 Resp: 937210
Ion Ratio Lower Upper
169 100
168 68.3 55.4 83.2
167 36.8 29.9 44.9

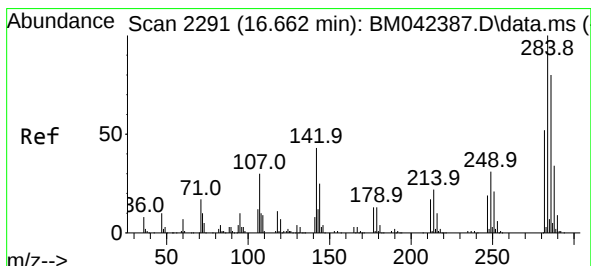
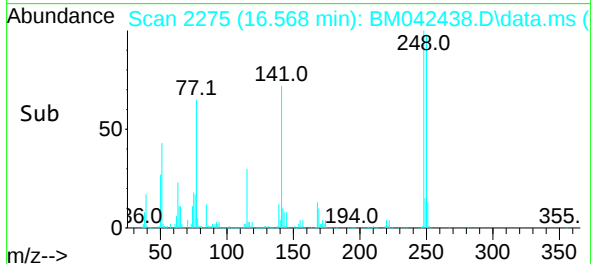
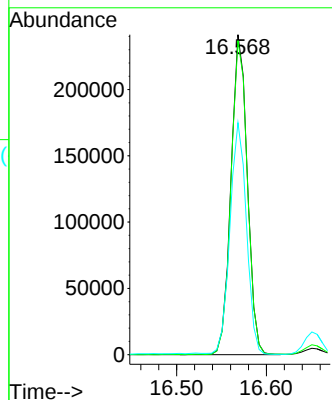
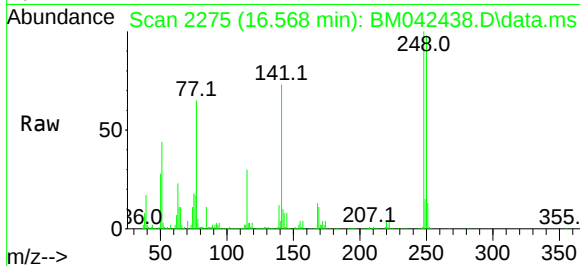




#67
4-Bromophenyl-phenylether
Concen: 47.414 ng
RT: 16.568 min Scan# 211
Delta R.T. -0.012 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

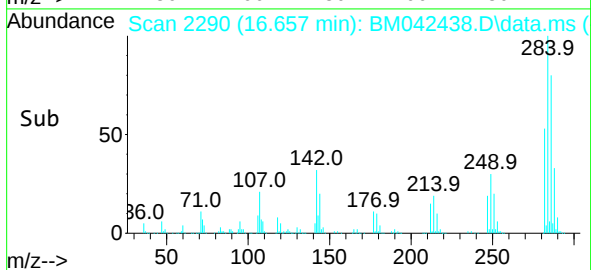
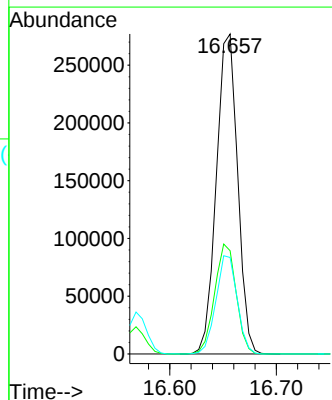
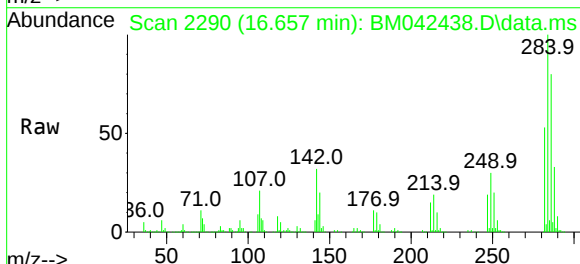
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

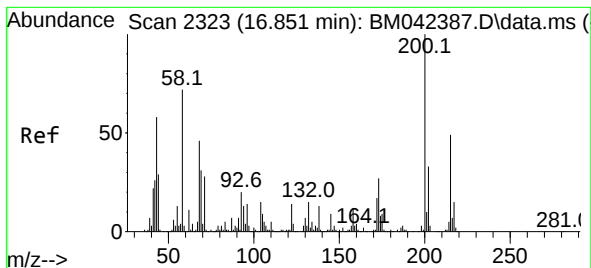
Tgt Ion:248 Resp: 304807
Ion Ratio Lower Upper
248 100
250 98.2 79.4 119.2
141 72.5 64.3 96.5



#68
Hexachlorobenzene
Concen: 55.839 ng
RT: 16.657 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:284 Resp: 383700
Ion Ratio Lower Upper
284 100
142 32.3 34.2 51.2#
249 30.2 24.7 37.1





#69

Atrazine

Concen: 65.627 ng

RT: 16.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042438.D

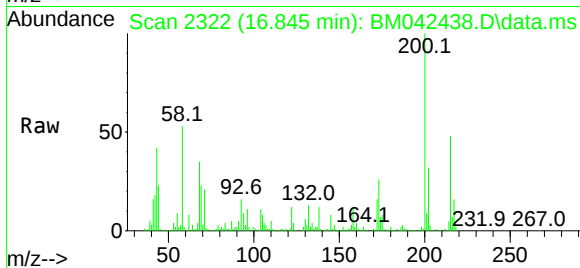
Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD



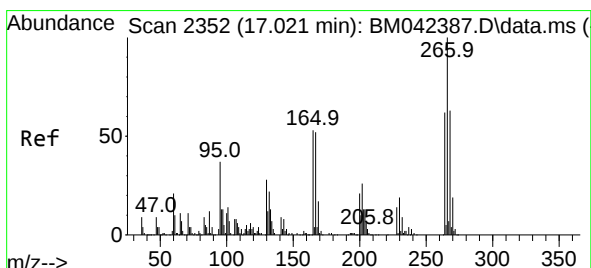
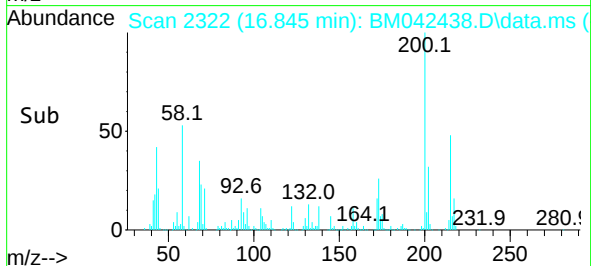
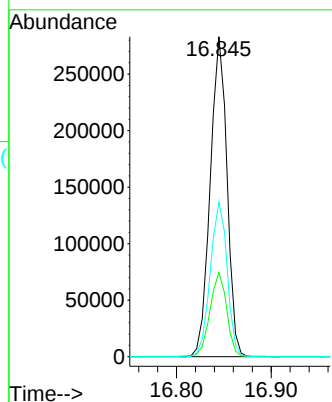
Tgt Ion:200 Resp: 347687

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

215 48.3 28.6 68.6



#70

Pentachlorophenol

Concen: 96.610 ng

RT: 17.015 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

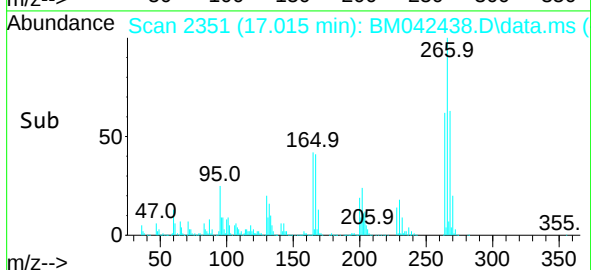
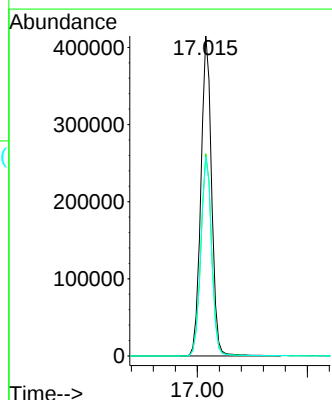
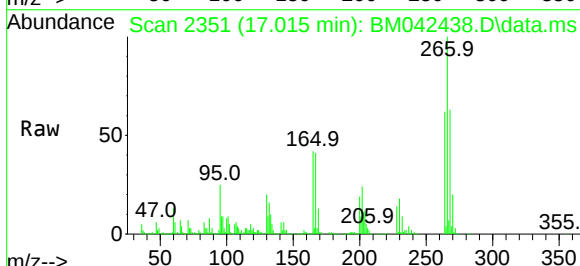
Tgt Ion:266 Resp: 561908

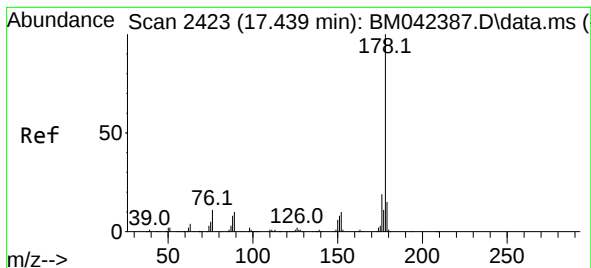
Ion Ratio Lower Upper

266 100

268 63.2 50.6 76.0

264 62.2 49.4 74.0





#71

Phenanthrene

Concen: 45.717 ng

RT: 17.433 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

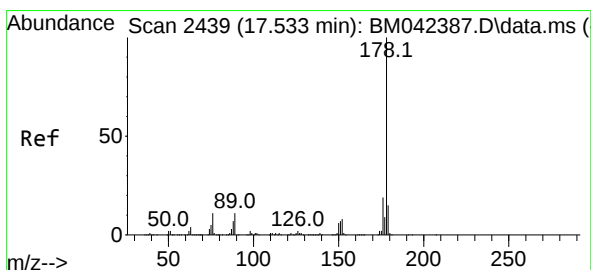
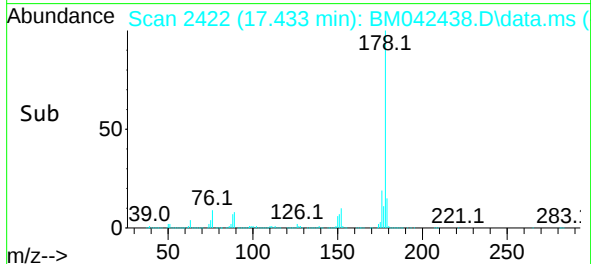
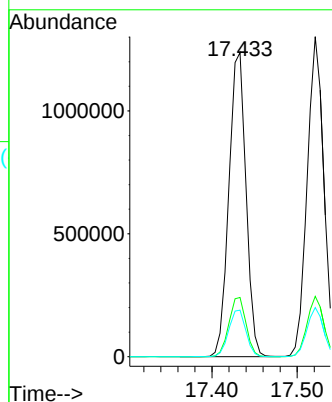
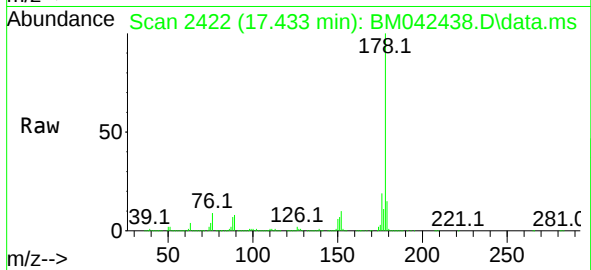
Tgt Ion:178 Resp: 1725031

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.3 12.3 18.5



#72

Anthracene

Concen: 47.217 ng

RT: 17.521 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

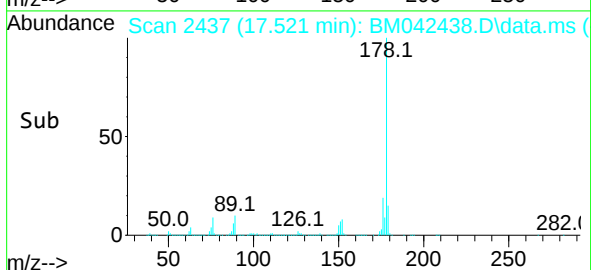
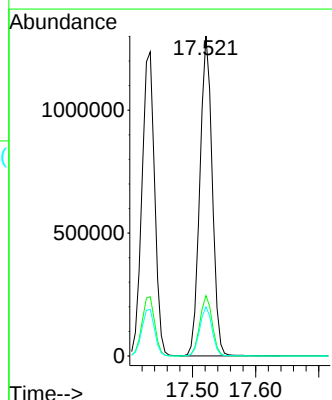
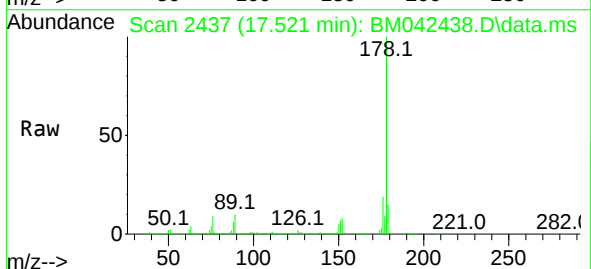
Tgt Ion:178 Resp: 1764489

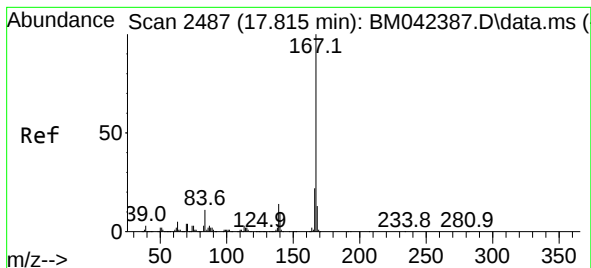
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.3 12.1 18.1





#73

Carbazole

Concen: 46.950 ng

RT: 17.809 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

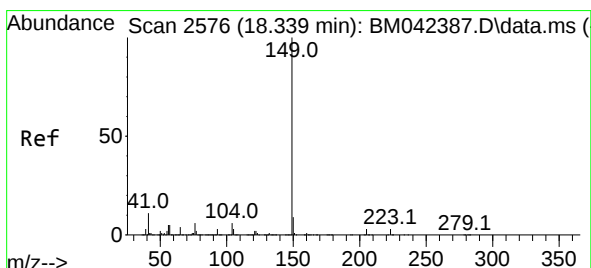
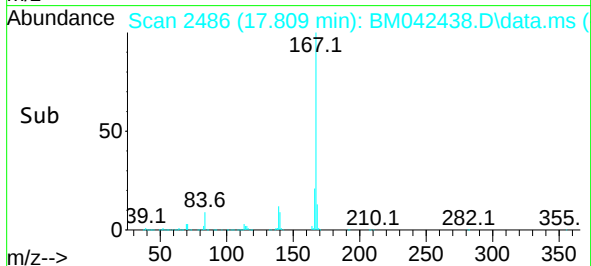
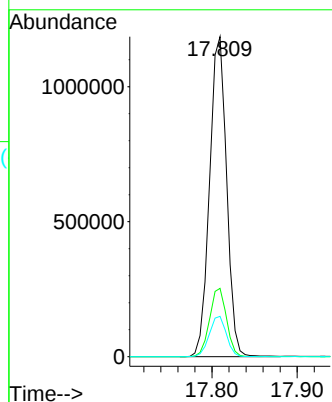
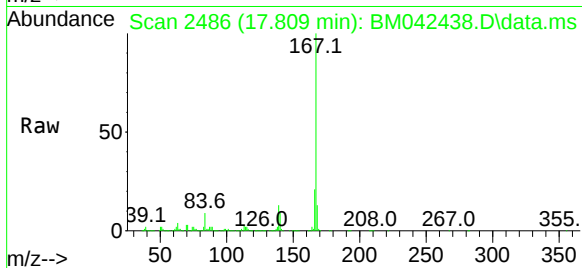
Tgt Ion:167 Resp: 1645970

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 12.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 47.300 ng

RT: 18.327 min Scan# 2574

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

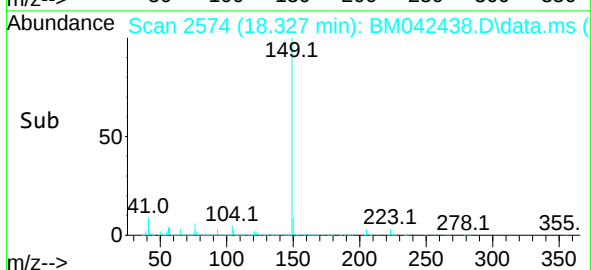
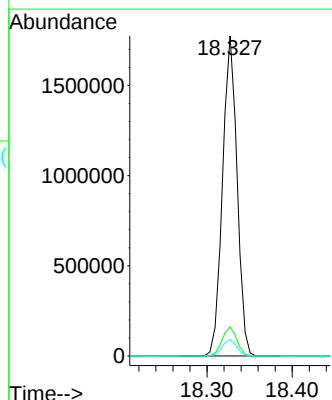
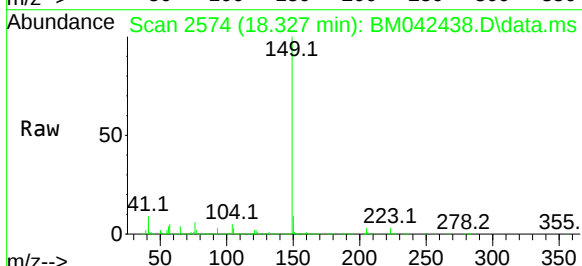
Tgt Ion:149 Resp: 2097850

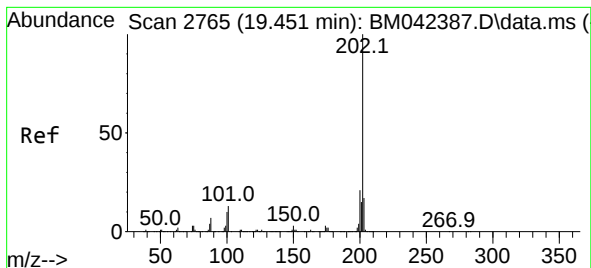
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.2 4.6 7.0





#75

Fluoranthene

Concen: 50.642 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

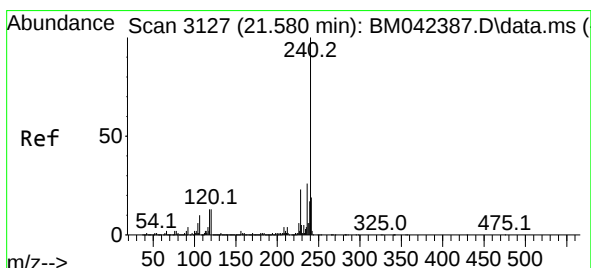
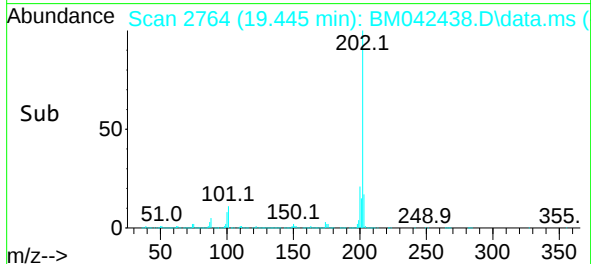
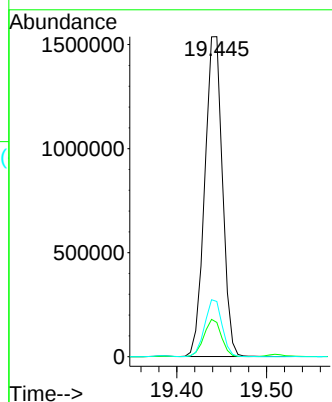
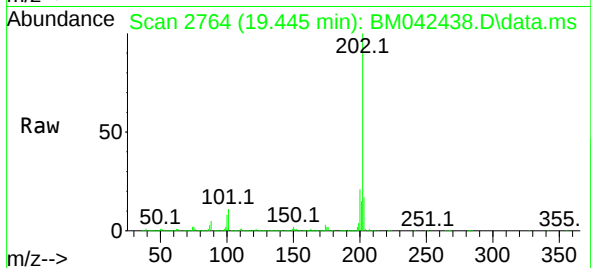
Tgt Ion:202 Resp: 2104533

Ion Ratio Lower Upper

202 100

101 10.7 0.0 33.3

203 17.3 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: BM042438.D

Acq: 25 Oct 2023 15:22

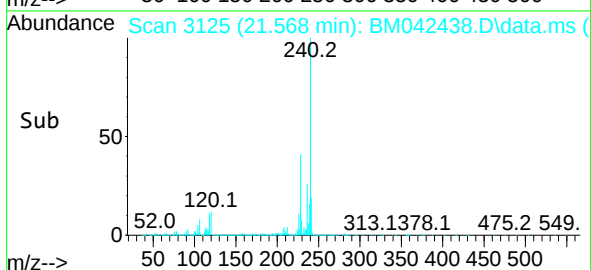
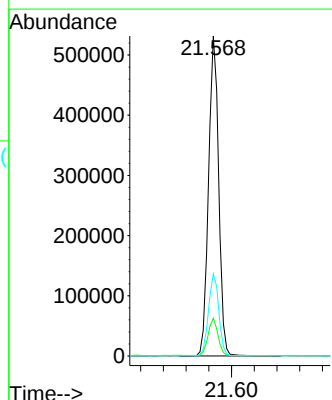
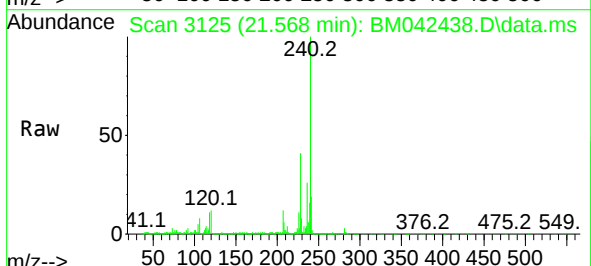
Tgt Ion:240 Resp: 655761

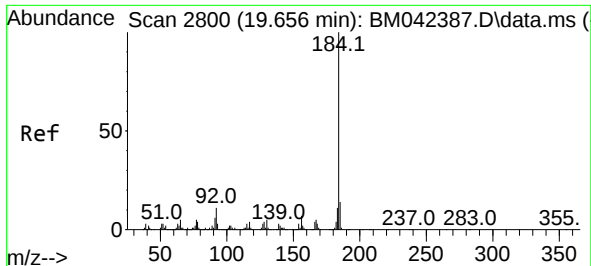
Ion Ratio Lower Upper

240 100

120 11.8 10.7 16.1

236 25.7 20.7 31.1

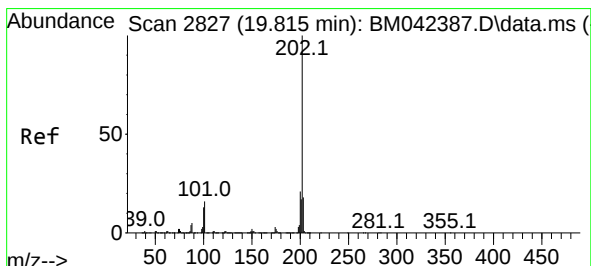
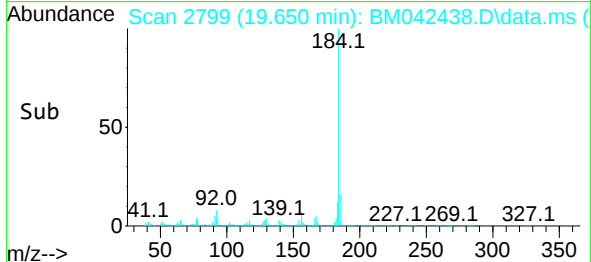
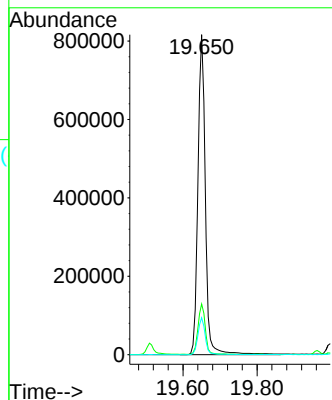
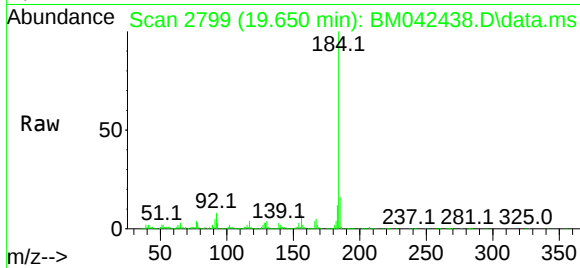




#77
Benzidine
Concen: 120.467 ng
RT: 19.650 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

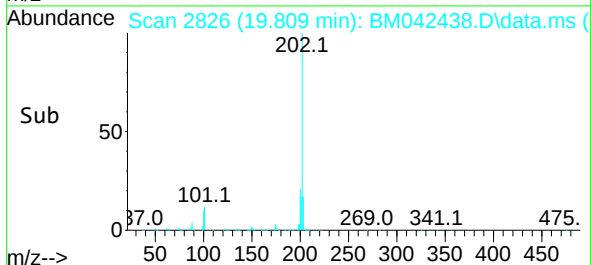
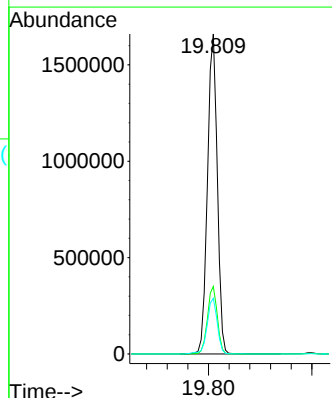
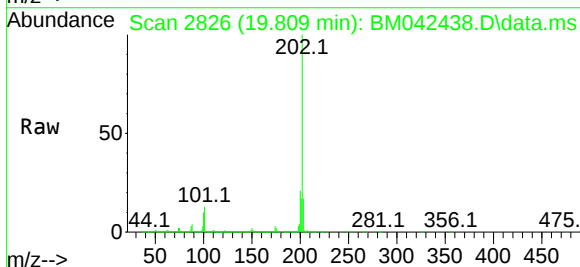
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

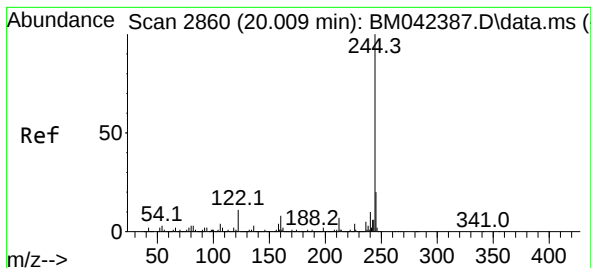
Tgt Ion:184 Resp: 1142639
Ion Ratio Lower Upper
184 100
185 15.9 11.5 17.3
183 11.6 9.2 13.8



#78
Pyrene
Concen: 47.676 ng
RT: 19.809 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:202 Resp: 2184705
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 63.010 ng

RT: 19.997 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

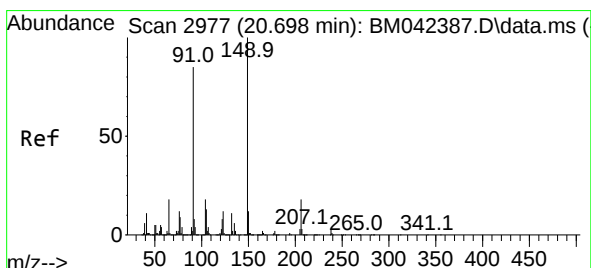
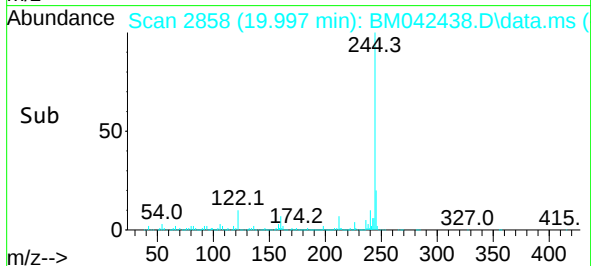
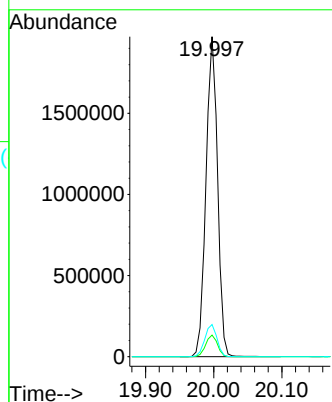
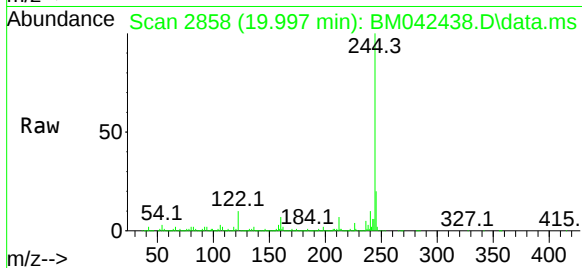
Tgt Ion:244 Resp: 2329823

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 48.140 ng

RT: 20.686 min Scan# 2975

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

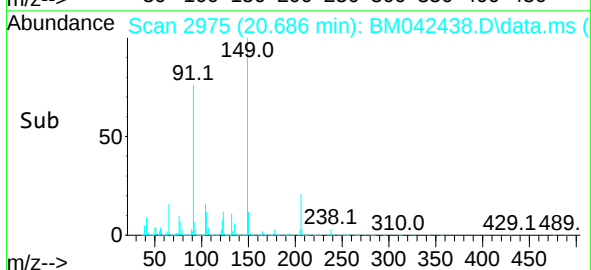
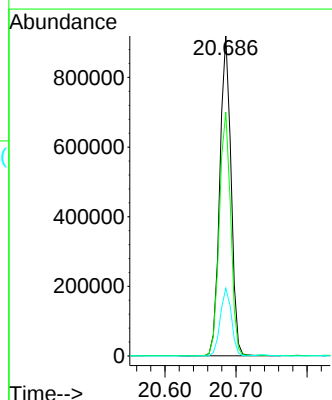
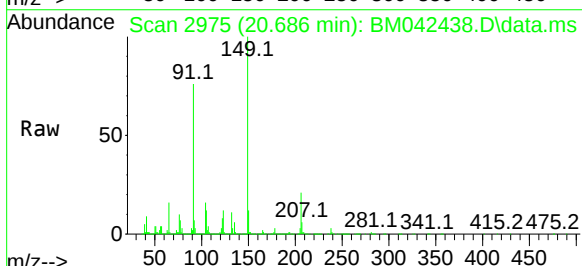
Tgt Ion:149 Resp: 1000162

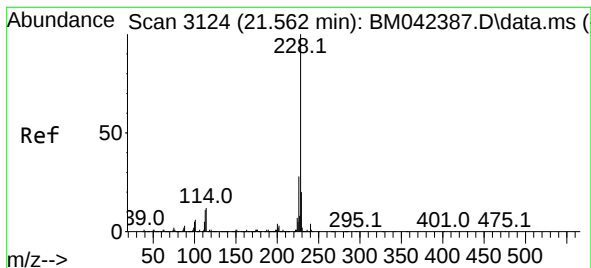
Ion Ratio Lower Upper

149 100

91 76.2 68.3 102.5

206 21.1 14.6 22.0





#81

Benzo(a)anthracene

Concen: 47.646 ng

RT: 21.550 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

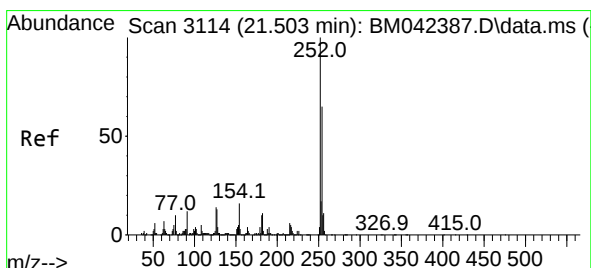
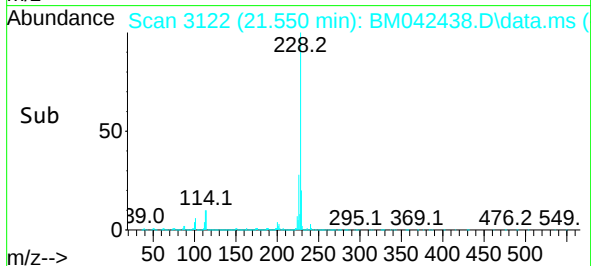
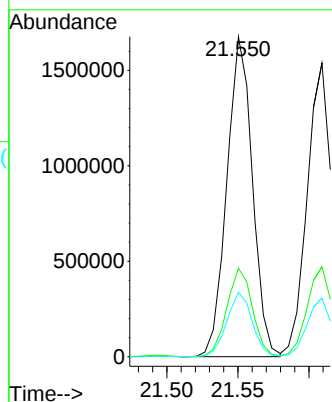
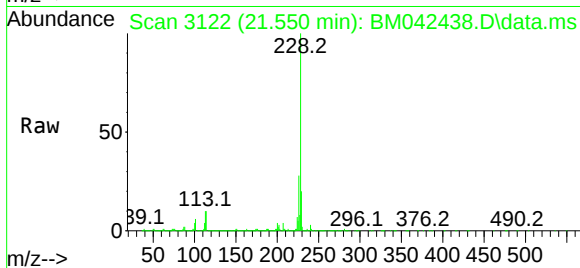
Tgt Ion:228 Resp: 2094548

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: 42.432 ng

RT: 21.491 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

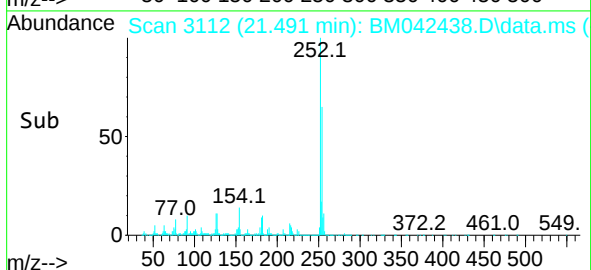
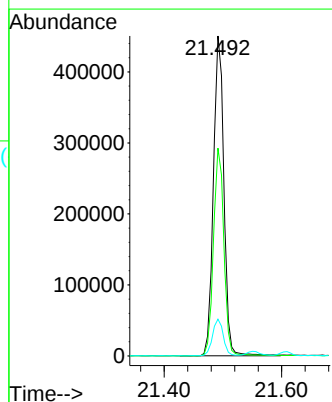
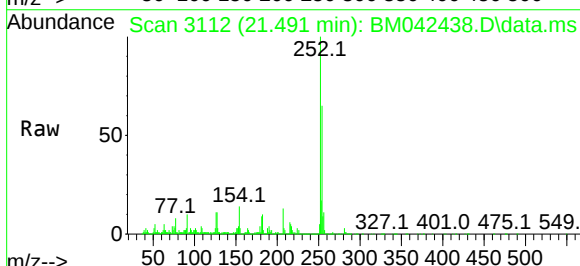
Tgt Ion:252 Resp: 556840

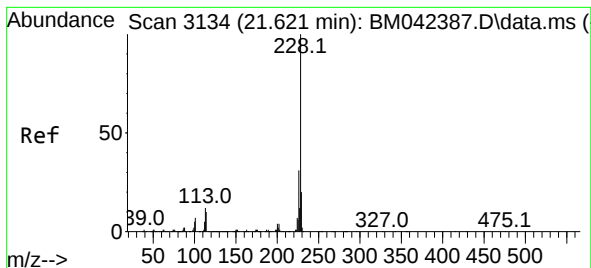
Ion Ratio Lower Upper

252 100

254 65.0 52.2 78.2

126 11.5 11.4 17.2





#83

Chrysene

Concen: 44.390 ng

RT: 21.609 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

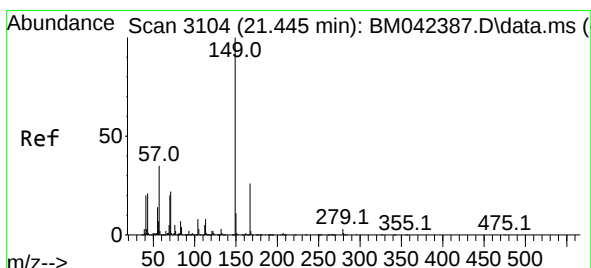
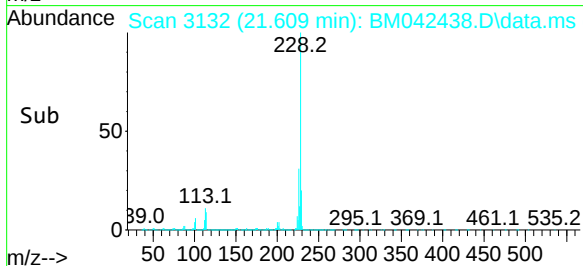
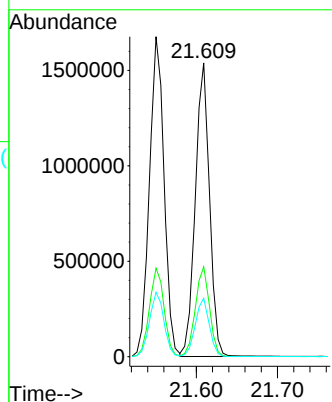
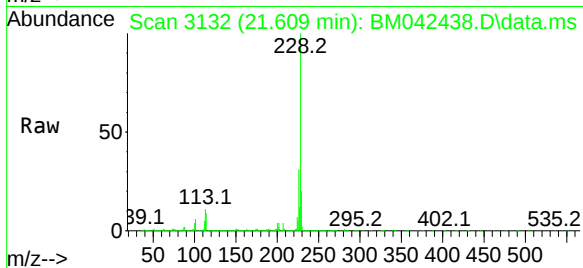
Tgt Ion:228 Resp: 1874258

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.984 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

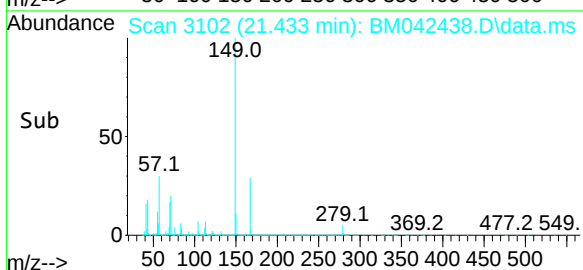
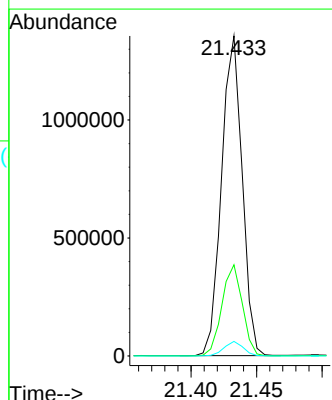
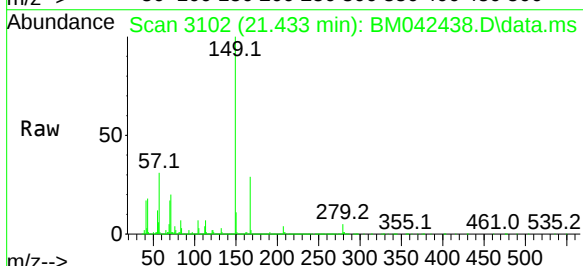
Tgt Ion:149 Resp: 1480425

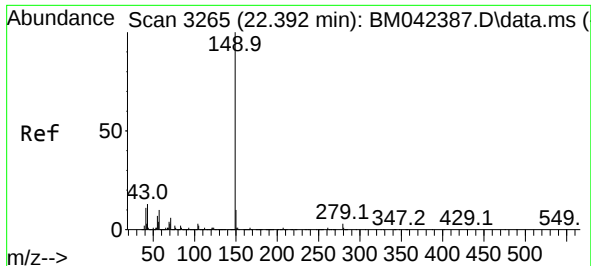
Ion Ratio Lower Upper

149 100

167 28.5 20.9 31.3

279 4.5 2.7 4.1#

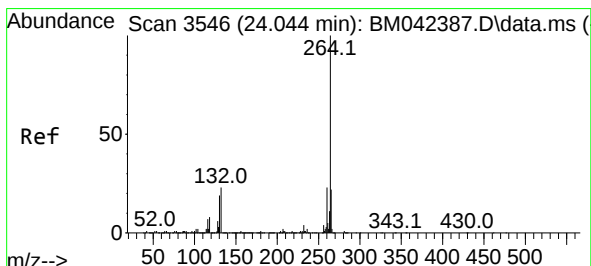
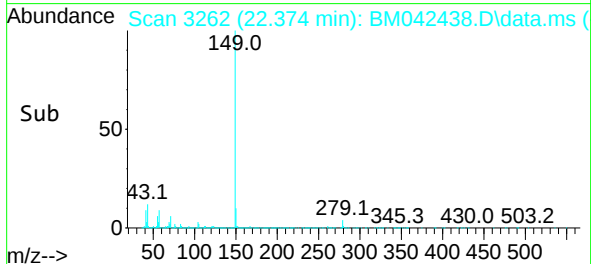
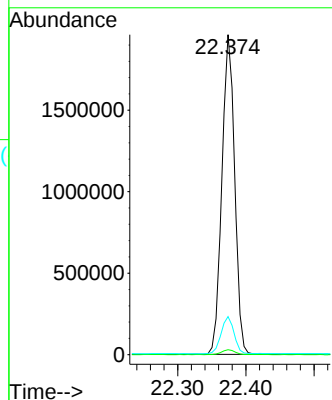
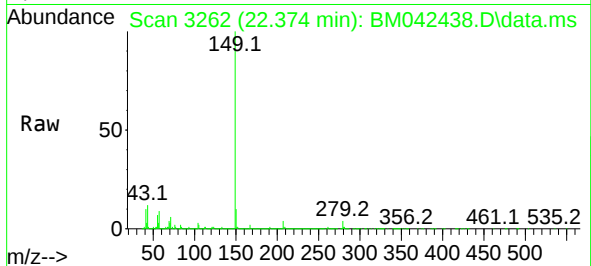




#85
Di-n-octyl phthalate
Concen: 50.059 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

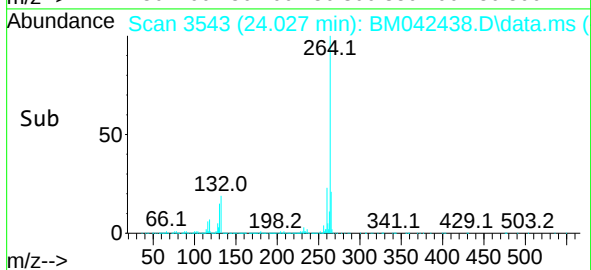
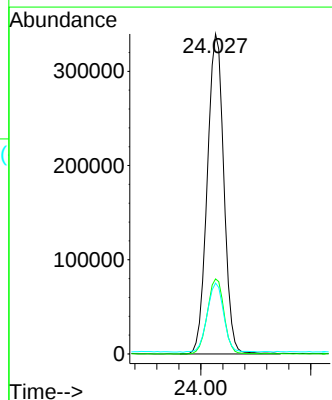
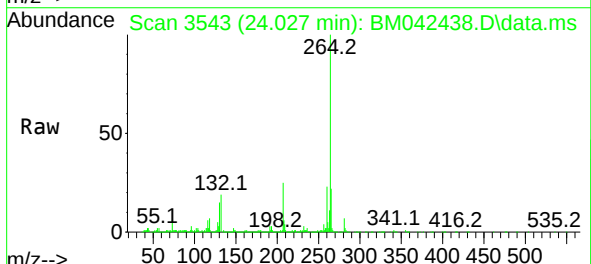
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

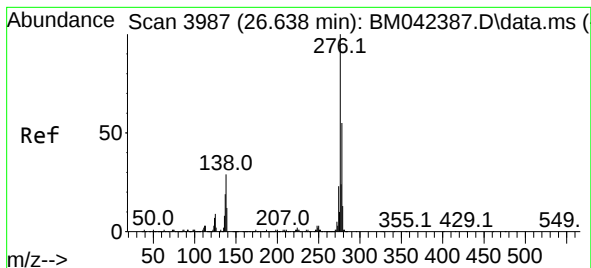
Tgt Ion:149 Resp: 2557853
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3543
Delta R.T. -0.018 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:264 Resp: 709343
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 22.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.071 ng

RT: 26.615 min Scan# 3983

Delta R.T. -0.024 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

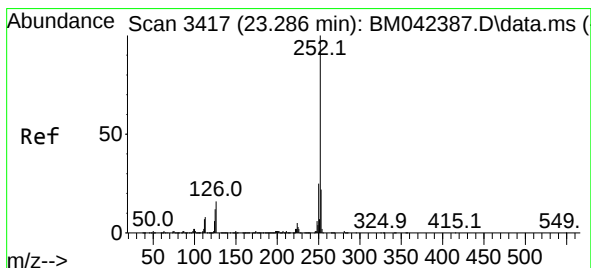
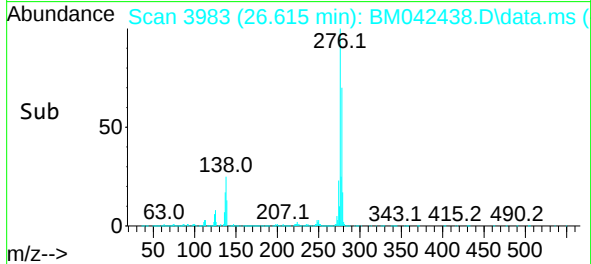
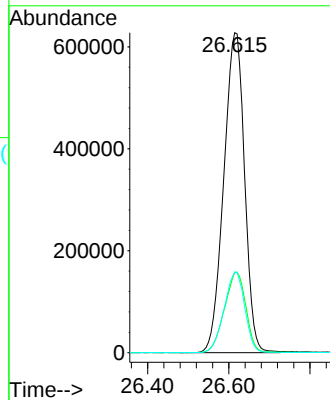
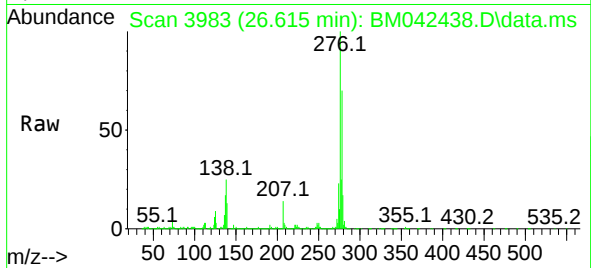
Tgt Ion:276 Resp: 2232752

Ion Ratio Lower Upper

276 100

138 25.8 25.6 38.4

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 46.822 ng

RT: 23.268 min Scan# 3414

Delta R.T. -0.018 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

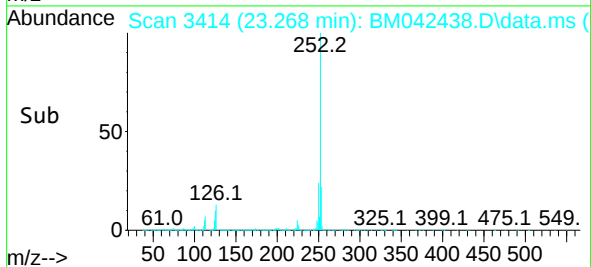
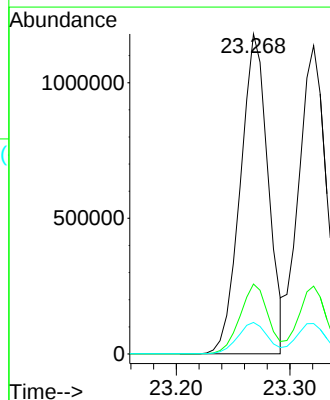
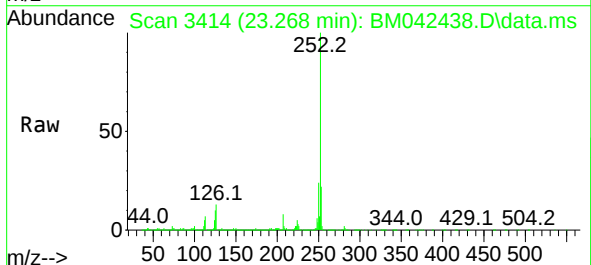
Tgt Ion:252 Resp: 1999150

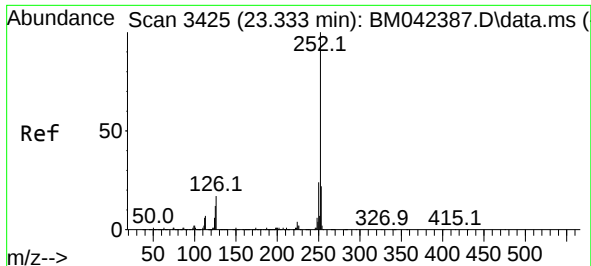
Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 9.8 9.8 14.8

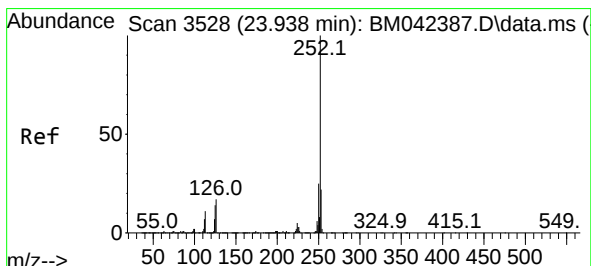
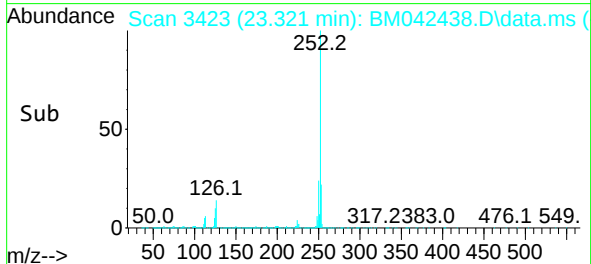
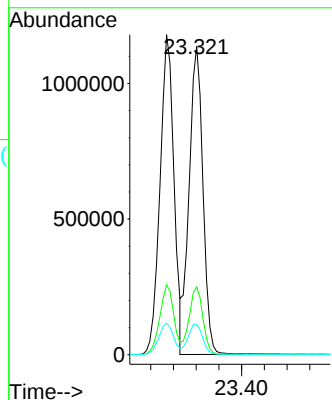
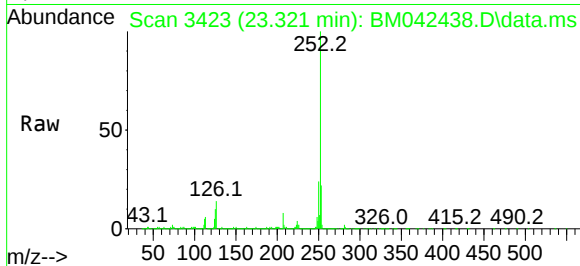




#89
Benzo(k)fluoranthene
Concen: 43.344 ng
RT: 23.321 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

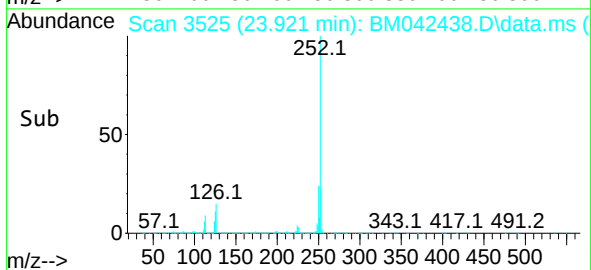
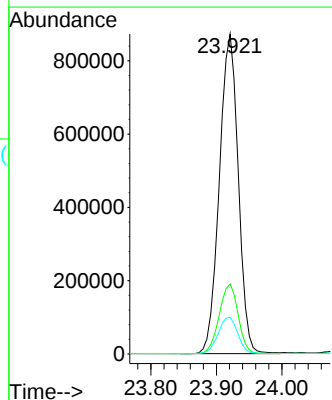
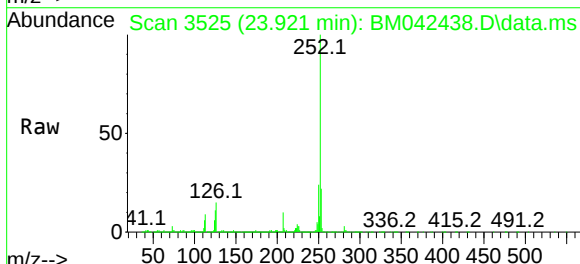
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

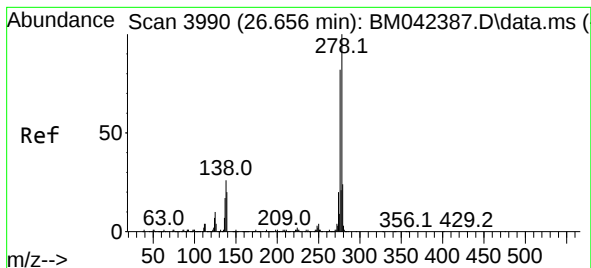
Tgt Ion:252 Resp: 1921383
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.9 10.2 15.2#



#90
Benzo(a)pyrene
Concen: 42.367 ng
RT: 23.921 min Scan# 3525
Delta R.T. -0.018 min
Lab File: BM042438.D
Acq: 25 Oct 2023 15:22

Tgt Ion:252 Resp: 1741112
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.4 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 43.146 ng

RT: 26.632 min Scan# 3990

Delta R.T. -0.024 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MSD

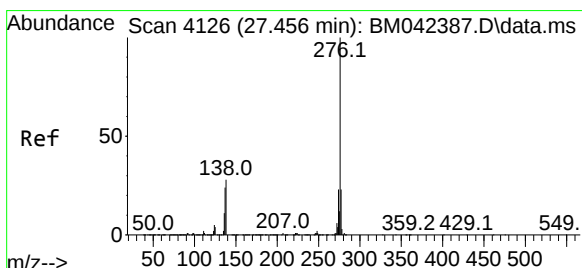
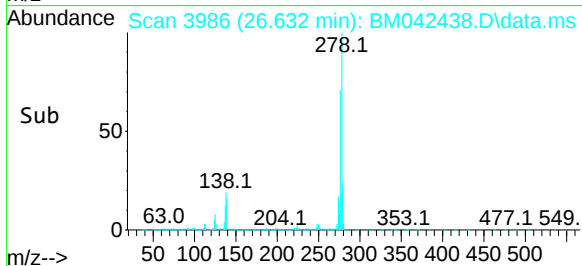
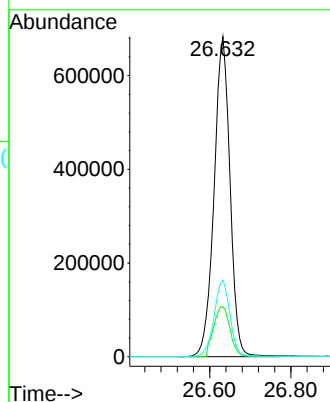
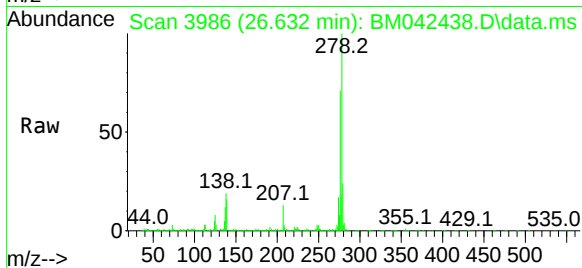
Tgt Ion:278 Resp: 1859603

Ion Ratio Lower Upper

278 100

139 15.6 15.6 23.4

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 42.515 ng

RT: 27.426 min Scan# 4121

Delta R.T. -0.029 min

Lab File: BM042438.D

Acq: 25 Oct 2023 15:22

Tgt Ion:276 Resp: 1779539

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 22.1 22.6 34.0#

