

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042437.D
 Acq On : 25 Oct 2023 14:46
 Operator : MA/JU
 Sample : 04919-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 25 15:16:56 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	122476	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	503307	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	296850	20.000	ng	-0.01
64) Phenanthrene-d10	17.386	188	646159	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	608525	20.000	ng	-0.01
86) Perylene-d12	24.027	264	667781	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	865190	99.839	ng	0.00
7) Phenol-d6	7.145	99	1131756	97.453	ng	0.00
23) Nitrobenzene-d5	9.192	82	741461	65.143	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	420900	128.504	ng	-0.01
45) 2-Fluorobiphenyl	13.257	172	1488329	67.516	ng	-0.01
79) Terphenyl-d14	19.998	244	2239331	65.263	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	151536	37.136	ng	95
3) Pyridine	3.804	79	390368	32.606	ng	96
4) n-Nitrosodimethylamine	3.734	42	220965	36.555	ng	91
6) Aniline	7.328	93	348433	23.565	ng	100
8) 2-Chlorophenol	7.545	128	404149	47.000	ng	96
9) Benzaldehyde	7.151	77	147152	21.755	ng	99
10) Phenol	7.175	94	532128	44.344	ng	99
11) bis(2-Chloroethyl)ether	7.428	93	405719	41.181	ng	97
12) 1,3-Dichlorobenzene	7.869	146	425312	47.819	ng	98
13) 1,4-Dichlorobenzene	8.028	146	434609	48.544	ng	98
14) 1,2-Dichlorobenzene	8.339	146	418066	48.630	ng	97
15) Benzyl Alcohol	8.251	79	382351	44.414	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	332525	21.331	ng	98
17) 2-Methylphenol	8.434	107	340239	42.967	ng	98
18) Hexachloroethane	9.057	117	166471	48.299	ng	91
19) n-Nitroso-di-n-propyla...	8.810	70	335997	42.687	ng	96
20) 3+4-Methylphenols	8.763	107	466610	43.932	ng	98
22) Acetophenone	8.839	105	611591	44.541	ng	# 97
24) Nitrobenzene	9.234	77	490569	43.081	ng	97
25) Isophorone	9.745	82	891608	46.095	ng	98
26) 2-Nitrophenol	9.933	139	213140	48.597	ng	94
27) 2,4-Dimethylphenol	9.975	122	347195	44.251	ng	99
28) bis(2-Chloroethoxy)met...	10.228	93	544937	44.467	ng	100
29) 2,4-Dichlorophenol	10.451	162	382267	56.025	ng	95
30) 1,2,4-Trichlorobenzene	10.663	180	393235	53.760	ng	99
31) Naphthalene	10.863	128	1235111	47.776	ng	99
32) Benzoic acid	10.092	122	217509	39.023	ng	96
33) 4-Chloroaniline	10.998	127	151754	13.520	ng	98
34) Hexachlorobutadiene	11.092	225	232618	58.769	ng	99
35) Caprolactam	11.827	113	131449	48.467	ng	89
36) 4-Chloro-3-methylphenol	12.098	107	422638	51.330	ng	97
37) 2-Methylnaphthalene	12.469	142	827172	47.531	ng	98
38) 1-Methylnaphthalene	12.686	142	805493	49.407	ng	99
40) 1,2,4,5-Tetrachloroben...	12.816	216	440930	51.380	ng	98
41) Hexachlorocyclopentadiene	12.763	237	375063	80.571	ng	98
43) 2,4,6-Trichlorophenol	13.069	196	301493	54.270	ng	98

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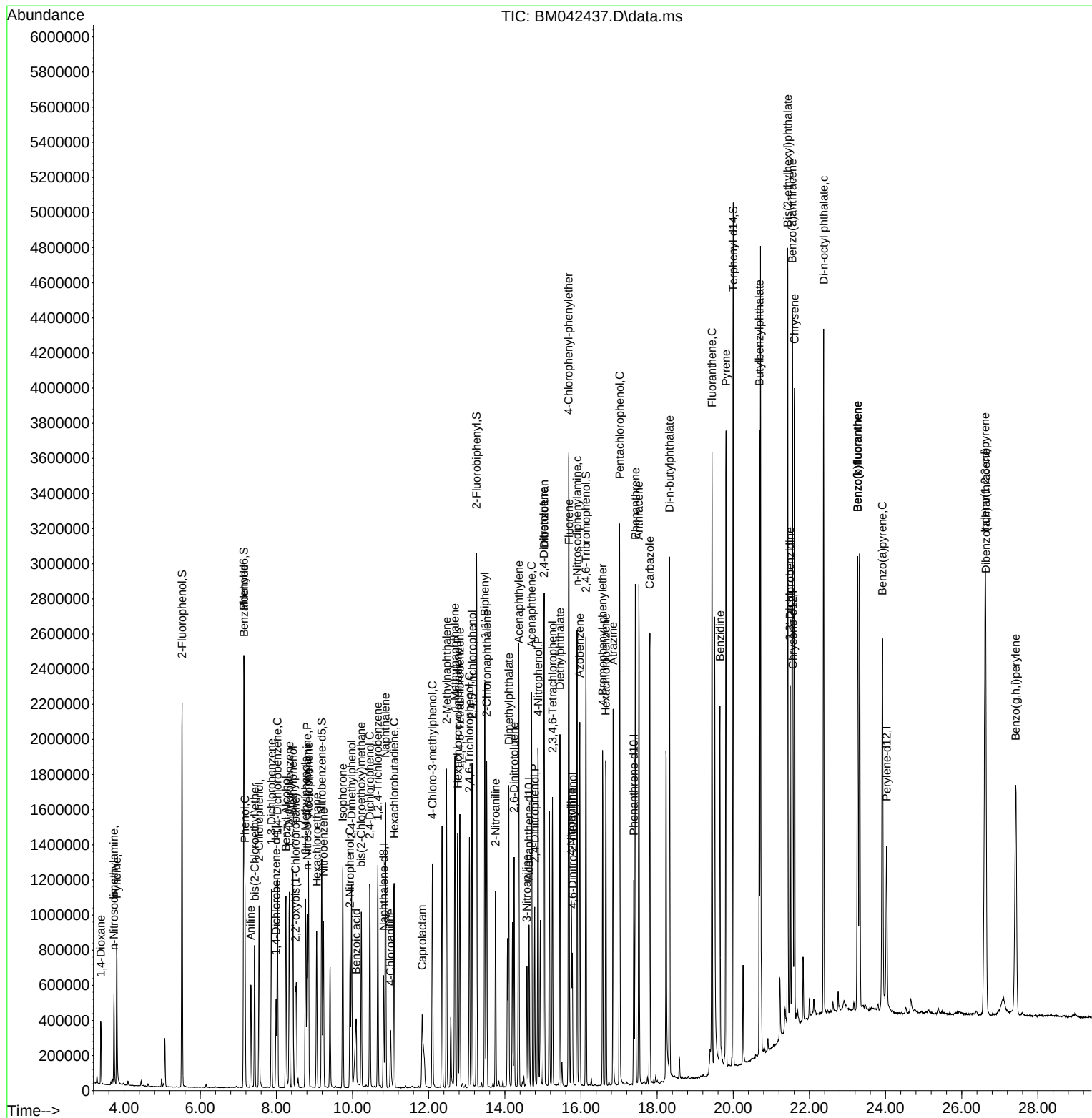
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	327795	49.914	ng	95
46) 1,1'-Biphenyl	13.474	154	1096592	46.566	ng	98
47) 2-Chloronaphthalene	13.521	162	829305	48.000	ng	99
48) 2-Nitroaniline	13.757	65	301177	40.104	ng	91
49) Acenaphthylene	14.368	152	1398358	50.134	ng	100
50) Dimethylphthalate	14.104	163	1040054	47.766	ng	99
51) 2,6-Dinitrotoluene	14.245	165	225353	45.967	ng	84
52) Acenaphthene	14.698	154	790485	46.877	ng	99
53) 3-Nitroaniline	14.580	138	143214	26.161	ng	99
54) 2,4-Dinitrophenol	14.786	184	182881	62.089	ng	91
55) Dibenzofuran	15.033	168	1280920	48.026	ng	98
56) 4-Nitrophenol	14.874	139	445092	100.366	ng	90
57) 2,4-Dinitrotoluene	15.027	165	307123	46.816	ng	84
58) Fluorene	15.686	166	1035570	49.203	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	296278	60.055	ng	89
60) Diethylphthalate	15.445	149	1041144	48.454	ng	98
61) 4-Chlorophenyl-phenyle...	15.674	204	521855	52.650	ng	93
62) 4-Nitroaniline	15.745	138	230738	41.783	ng	96
63) Azobenzene	15.968	77	1146886	44.488	ng	94
65) 4,6-Dinitro-2-methylph...	15.774	198	134986	34.644	ng	81
66) n-Nitrosodiphenylamine	15.898	169	897826	46.132	ng	97
67) 4-Bromophenyl-phenylether	16.568	248	317846	53.074	ng	95
68) Hexachlorobenzene	16.651	284	364038	56.869	ng	93
69) Atrazine	16.845	200	329391	66.740	ng	99
70) Pentachlorophenol	17.015	266	543091	100.008	ng	99
71) Phenanthrene	17.427	178	1653634	47.043	ng	100
72) Anthracene	17.521	178	1665490	47.841	ng	99
73) Carbazole	17.809	167	1565351	47.930	ng	98
74) Di-n-butylphthalate	18.327	149	1990904	48.133	ng	99
75) Fluoranthene	19.439	202	2018039	52.127	ng	98
77) Benzidine	19.650	184	1092646	124.138	ng	97
78) Pyrene	19.809	202	2091030	49.174	ng	100
80) Butylbenzylphthalate	20.686	149	950516	49.223	ng	92
81) Benzo(a)anthracene	21.550	228	1998007	48.978	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	519333	42.646	ng	98
83) Chrysene	21.609	228	1789574	45.674	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1401678	50.930	ng #	94
85) Di-n-octyl phthalate	22.374	149	2447742	51.491	ng	95
87) Indeno(1,2,3-cd)pyrene	26.615	276	2161884	44.300	ng	94
88) Benzo(b)fluoranthene	23.268	252	1932983	48.090	ng	98
89) Benzo(k)fluoranthene	23.268	252	1932983	46.319	ng	98
90) Benzo(a)pyrene	23.921	252	1675705	43.313	ng	97
91) Dibenzo(a,h)anthracene	26.632	278	1808078	44.562	ng	96
92) Benzo(g,h,i)perylene	27.421	276	1713498	43.485	ng #	93

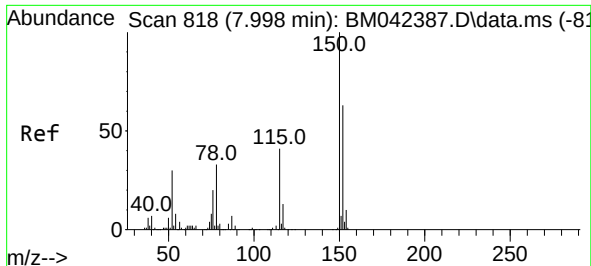
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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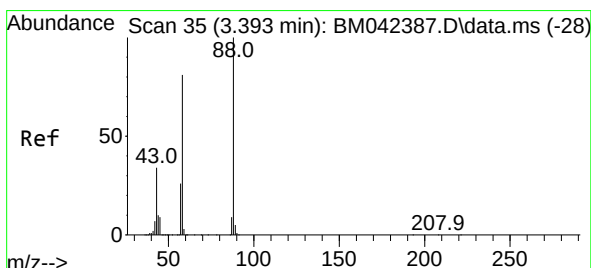
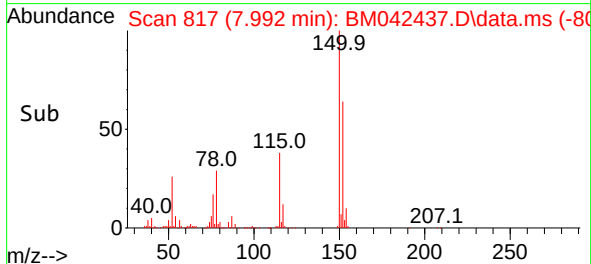
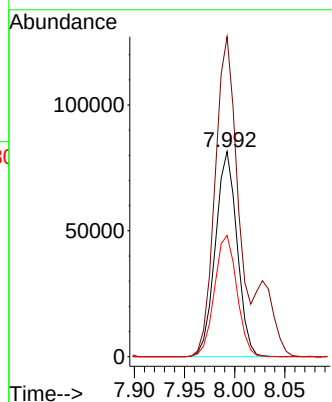
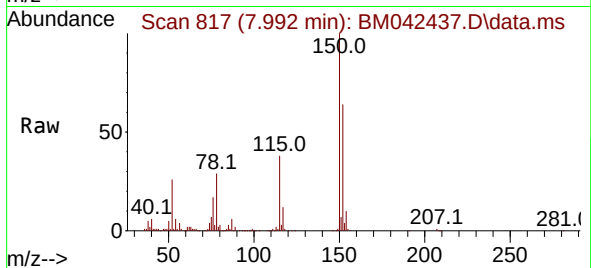




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.992 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM042437.D
 Acq: 25 Oct 2023 14:46

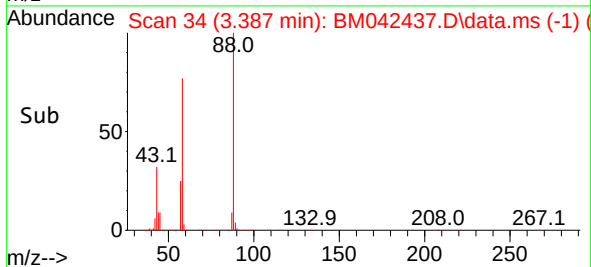
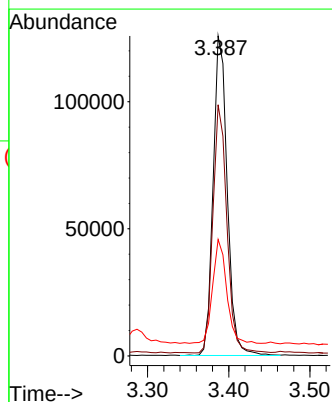
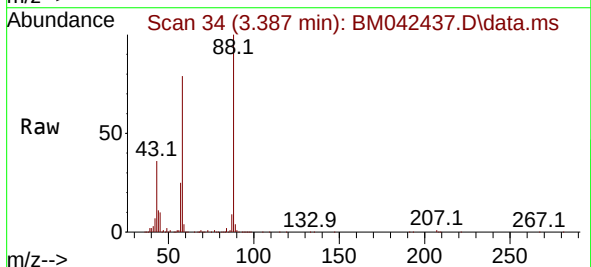
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B5-COMP-101723MS

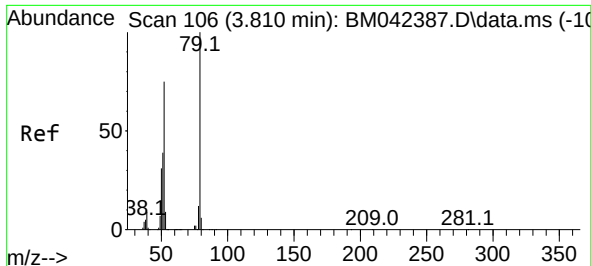
Tgt Ion:152 Resp: 122476
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.2 189.4
 115 59.1 51.9 77.9



#2
 1,4-Dioxane
 Concen: 37.136 ng
 RT: 3.387 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BM042437.D
 Acq: 25 Oct 2023 14:46

Tgt Ion: 88 Resp: 151536
 Ion Ratio Lower Upper
 88 100
 58 76.9 64.9 97.3
 43 32.2 27.8 41.8





#3

Pyridine

Concen: 32.606 ng

RT: 3.804 min Scan# 106

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

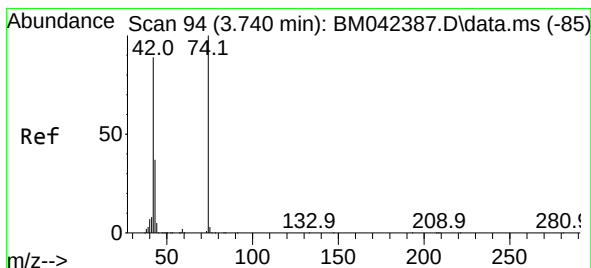
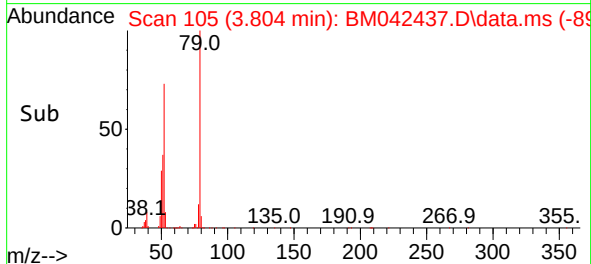
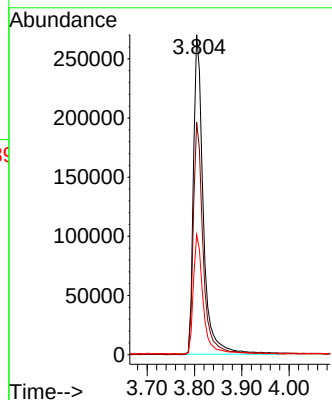
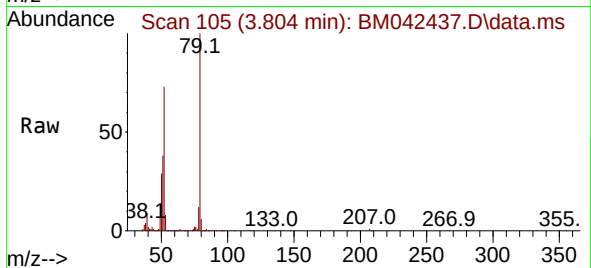
BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

Tgt Ion: 79 Resp: 390368

Ion	Ratio	Lower	Upper
79	100		
52	72.6	60.3	90.5
51	37.5	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 36.555 ng

RT: 3.734 min Scan# 93

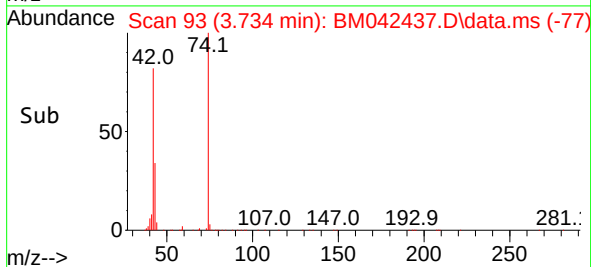
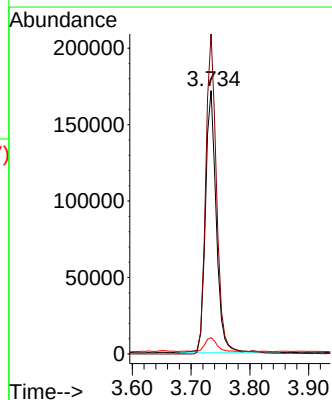
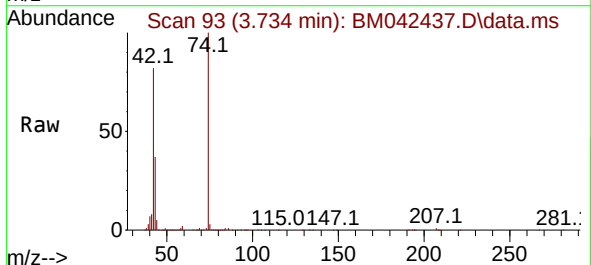
Delta R.T. -0.006 min

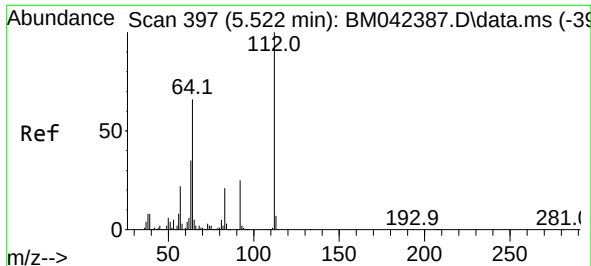
Lab File: BM042437.D

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Tgt Ion: 42 Resp: 220965

Ion	Ratio	Lower	Upper
42	100		
74	121.5	89.4	134.2
44	6.2	5.4	8.0

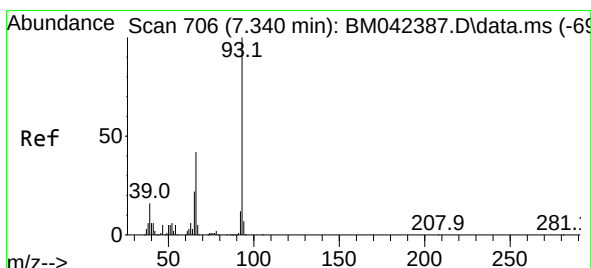
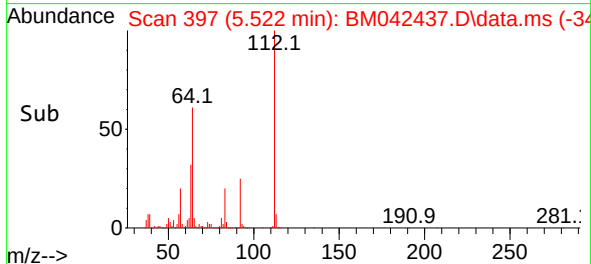
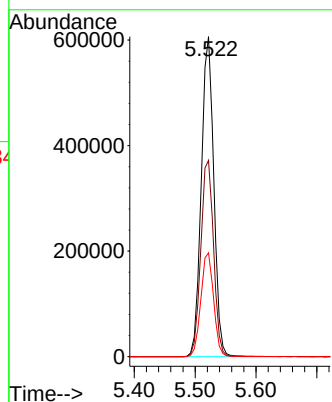
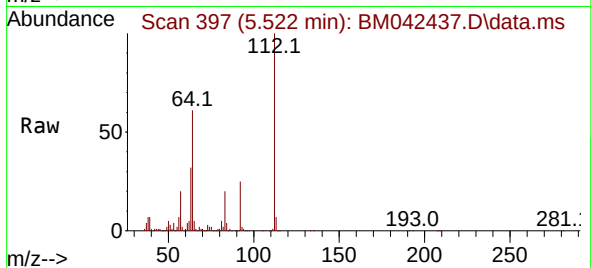




#5
2-Fluorophenol
Concen: 99.839 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042437.D
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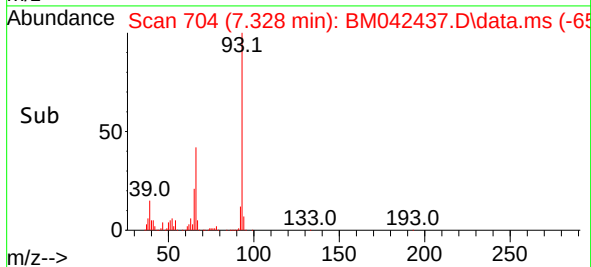
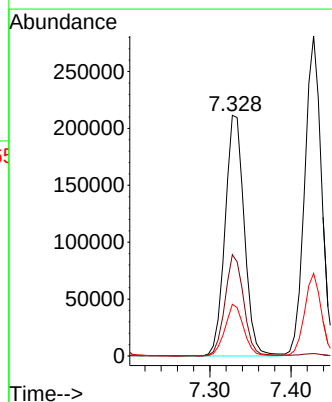
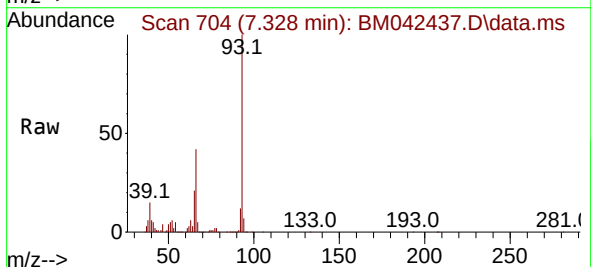
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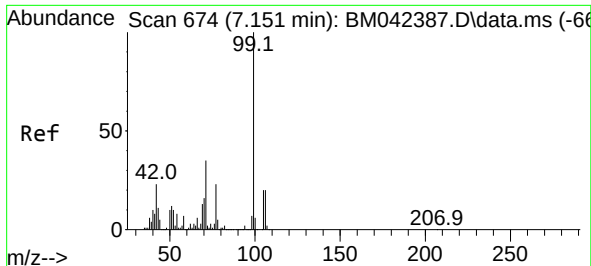
Tgt Ion:112 Resp: 865190
Ion Ratio Lower Upper
112 100
64 61.3 52.7 79.1
63 32.4 28.3 42.5



#6
Aniline
Concen: 23.565 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.012 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion: 93 Resp: 348433
Ion Ratio Lower Upper
93 100
66 42.1 33.8 50.8
65 21.5 17.4 26.2

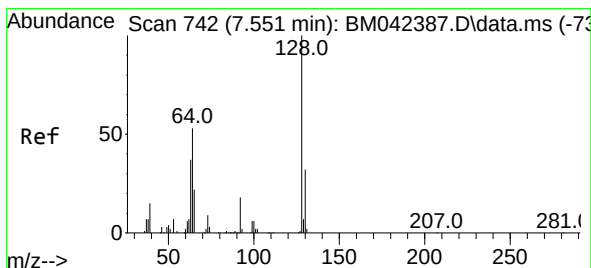
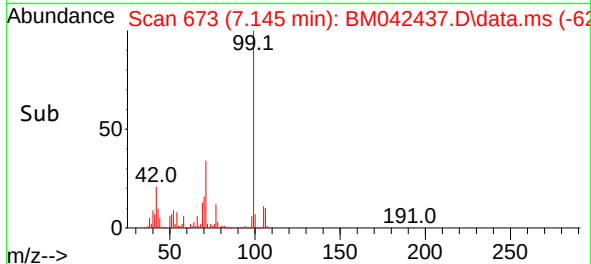
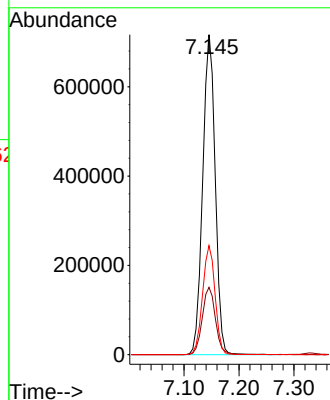
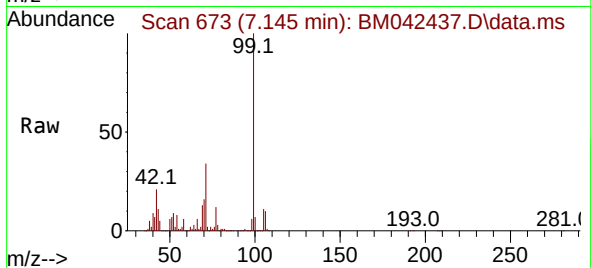




#7
Phenol-d6
Concen: 97.453 ng
RT: 7.145 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM042437.D
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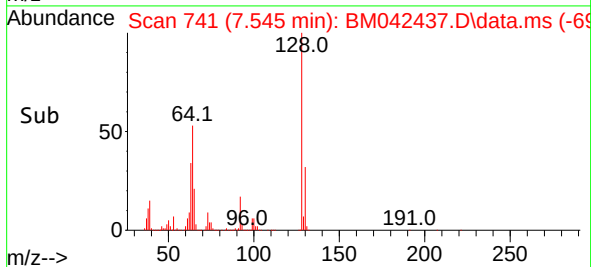
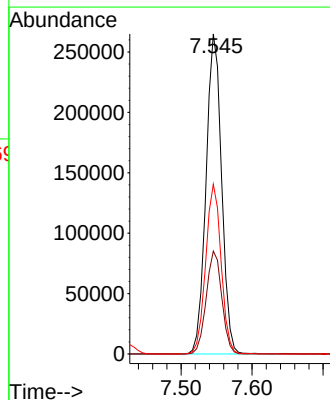
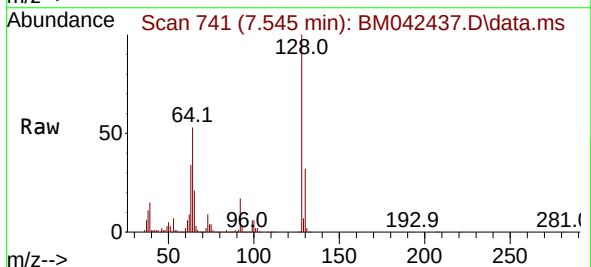
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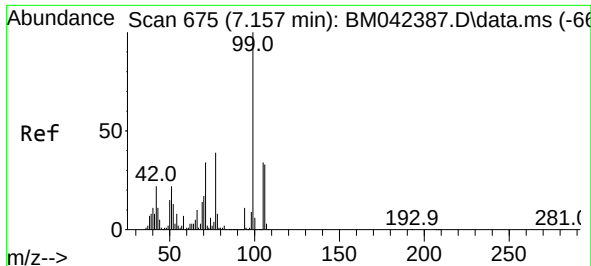
Tgt Ion: 99 Resp: 1131756
Ion Ratio Lower Upper
99 100
42 21.0 18.5 27.7
71 34.1 27.7 41.5



#8
2-Chlorophenol
Concen: 47.000 ng
RT: 7.545 min Scan# 741
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion: 128 Resp: 404149
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 53.1 38.2 78.2

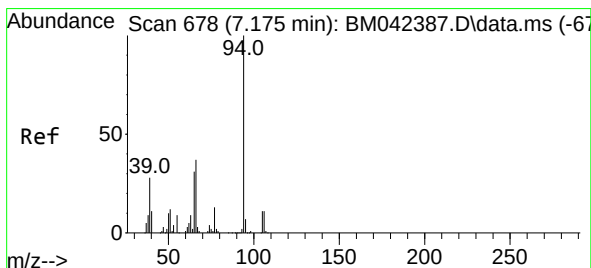
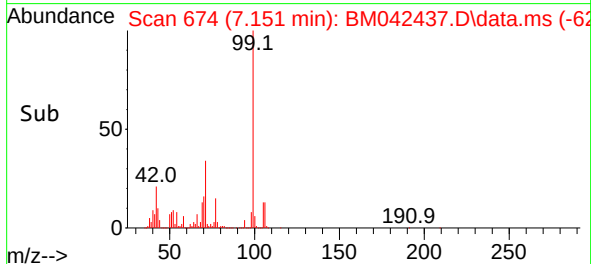
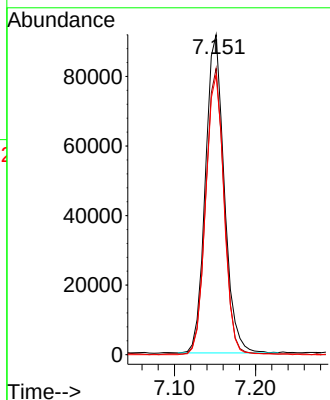
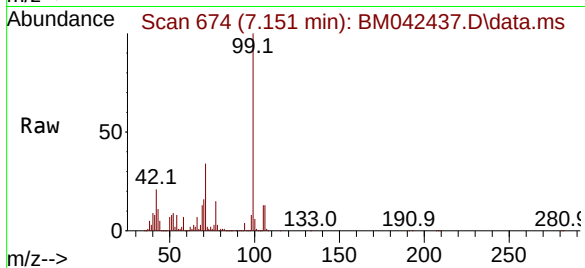




#9
Benzaldehyde
Concen: 21.755 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.006 min
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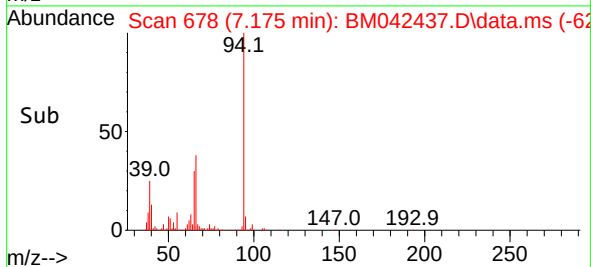
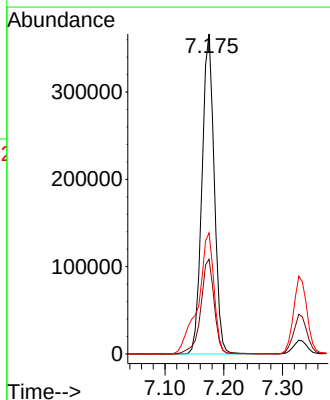
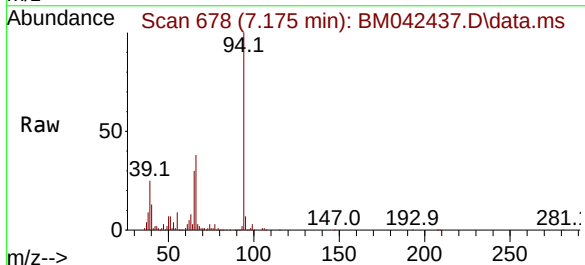
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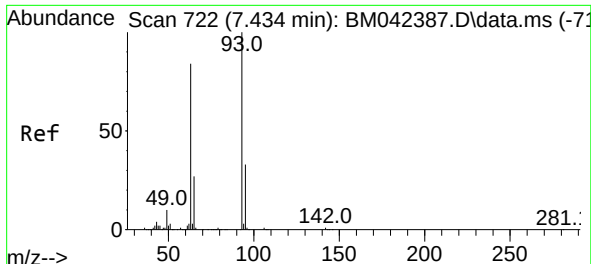
Tgt Ion: 77 Resp: 147152
Ion Ratio Lower Upper
77 100
105 89.5 68.7 108.7
106 87.4 65.8 105.8



#10
Phenol
Concen: 44.344 ng
RT: 7.175 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion: 94 Resp: 532128
Ion Ratio Lower Upper
94 100
65 29.6 10.9 50.9
66 37.8 18.2 58.2

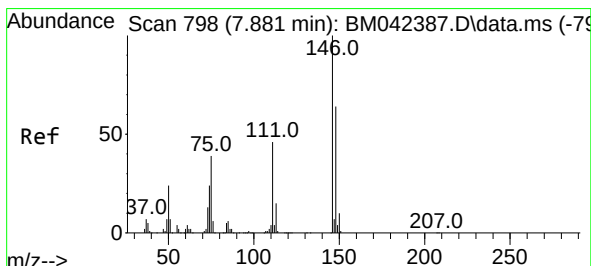
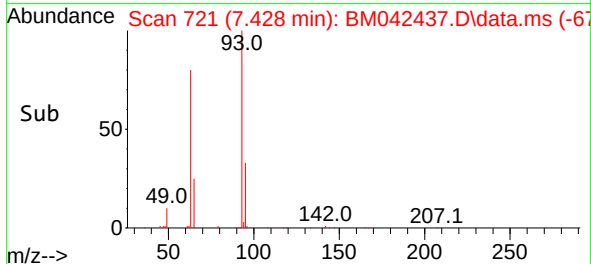
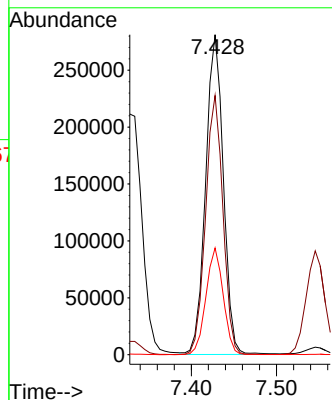
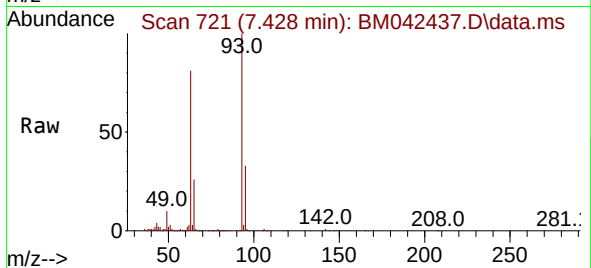




#11
bis(2-Chloroethyl)ether
Concen: 41.181 ng
RT: 7.428 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

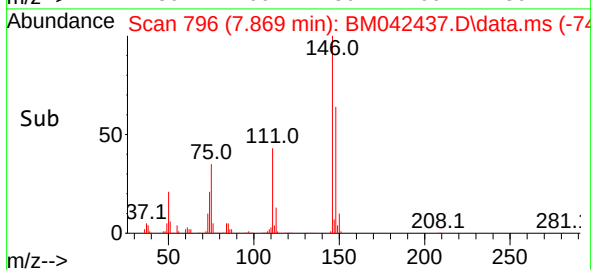
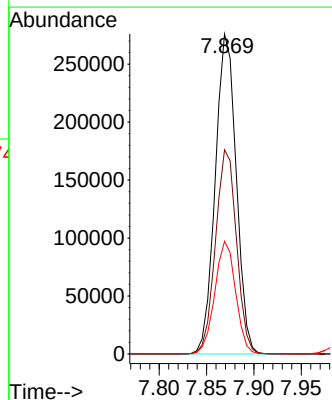
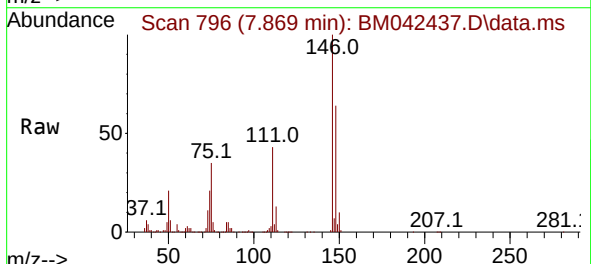
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

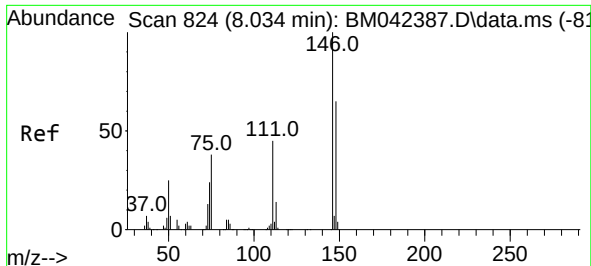
Tgt Ion: 93 Resp: 405719
Ion Ratio Lower Upper
93 100
63 81.0 64.2 104.2
95 33.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 47.819 ng
RT: 7.869 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:146 Resp: 425312
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
75 35.2 30.9 46.3

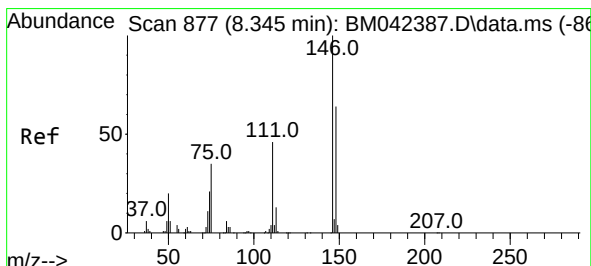
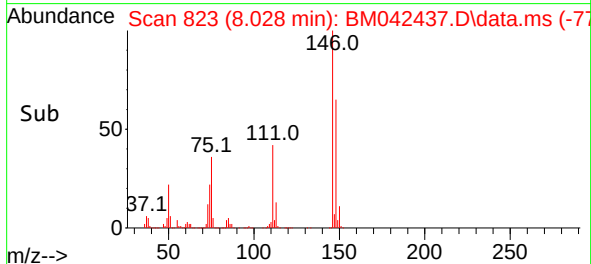
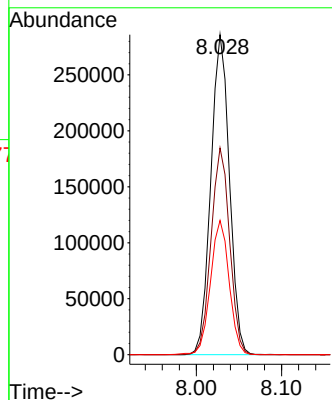
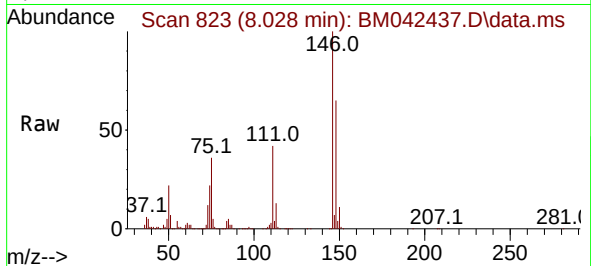




#13
1,4-Dichlorobenzene
Concen: 48.544 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

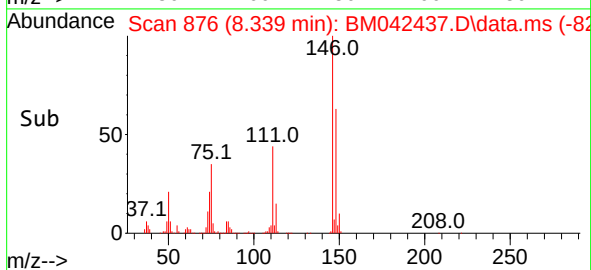
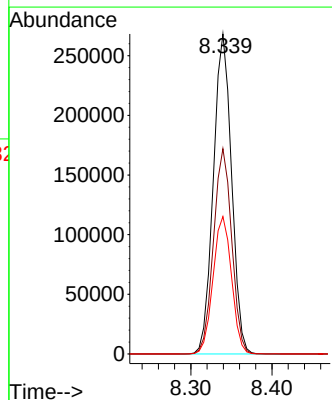
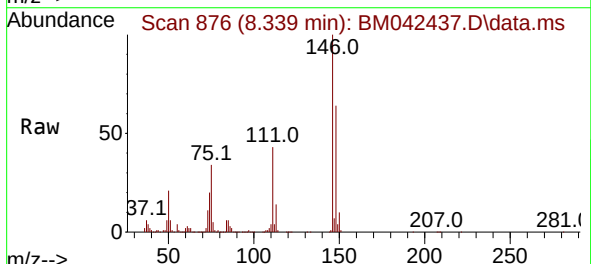
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

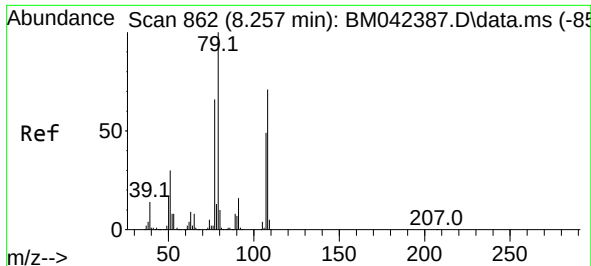
Tgt Ion:146 Resp: 434609
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
111 42.0 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 48.630 ng
RT: 8.339 min Scan# 876
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:146 Resp: 418066
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
111 43.0 37.2 55.8

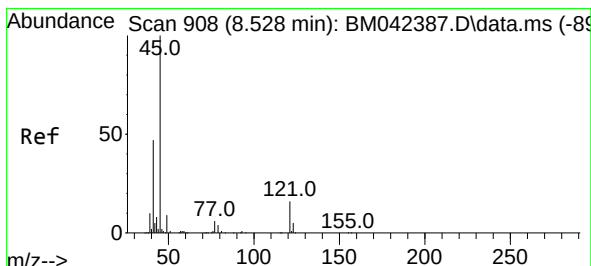
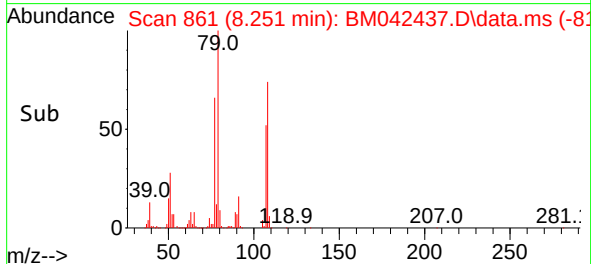
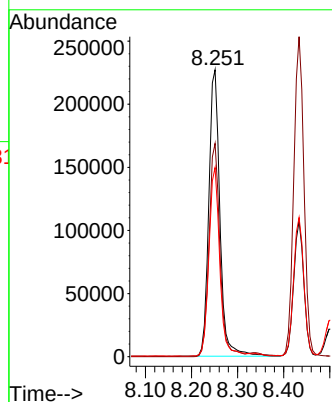
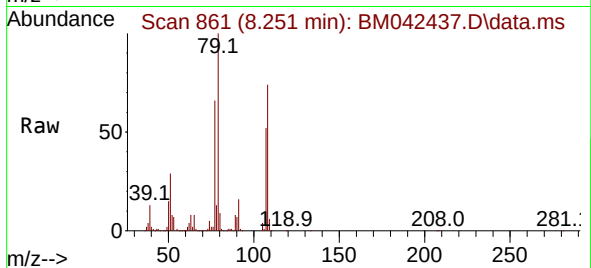




#15
Benzyl Alcohol
Concen: 44.414 ng
RT: 8.251 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

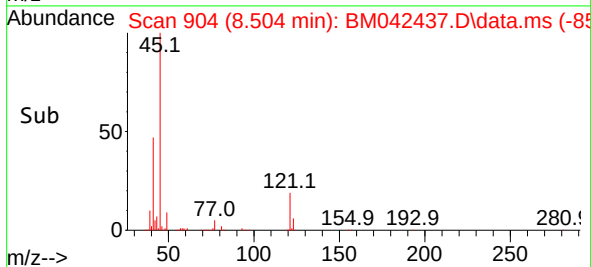
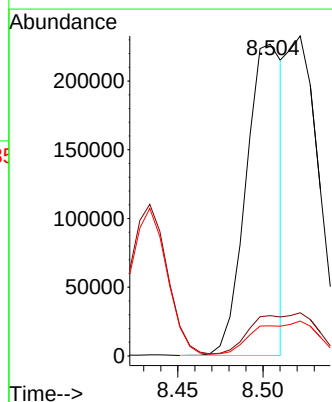
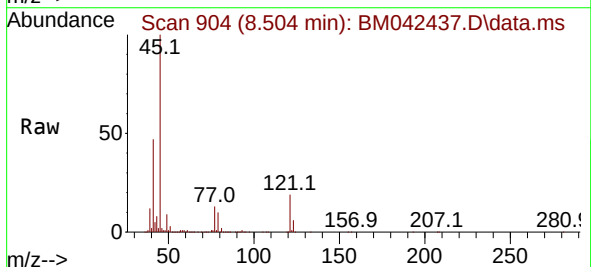
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

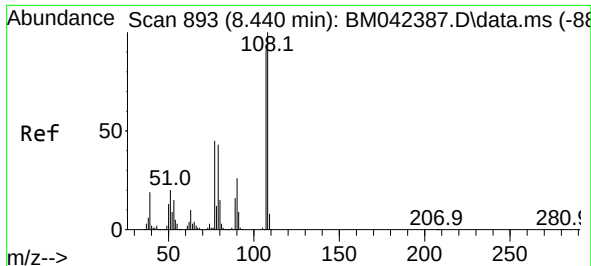
Tgt Ion: 79 Resp: 382351
Ion Ratio Lower Upper
79 100
108 74.3 57.1 85.7
77 65.9 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.331 ng
RT: 8.504 min Scan# 904
Delta R.T. -0.024 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion: 45 Resp: 332525
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.2
79 9.6 0.0 30.4

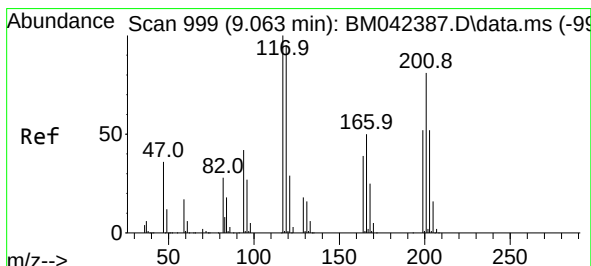
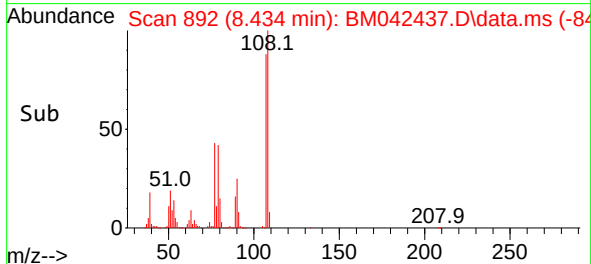
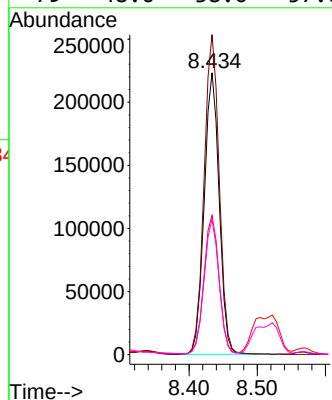
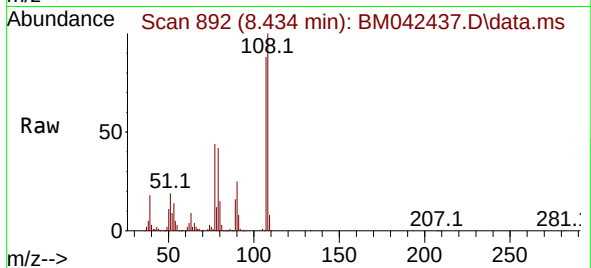




#17
2-Methylphenol
Concen: 42.967 ng
RT: 8.434 min Scan# 892
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

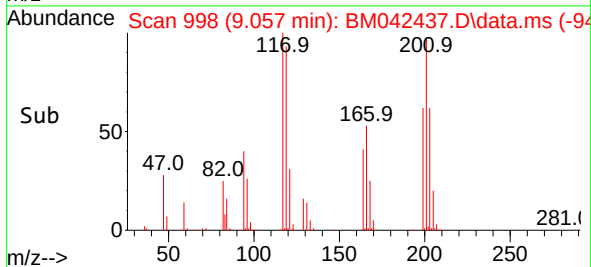
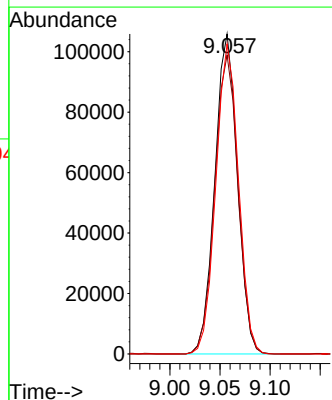
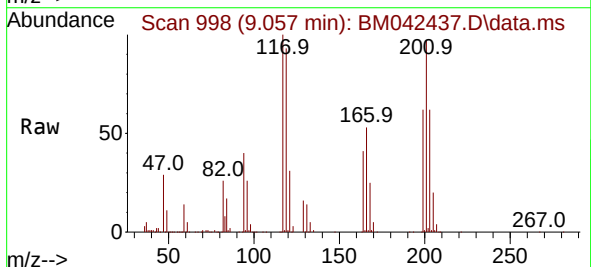
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

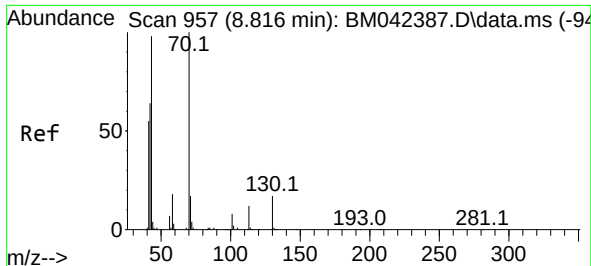
Tgt Ion:107 Resp: 340239
Ion Ratio Lower Upper
107 100
108 113.5 88.2 132.4
77 49.4 40.1 60.1
79 48.0 38.0 57.0



#18
Hexachloroethane
Concen: 48.299 ng
RT: 9.057 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:117 Resp: 166471
Ion Ratio Lower Upper
117 100
119 93.4 75.9 113.9
201 96.8 64.6 97.0

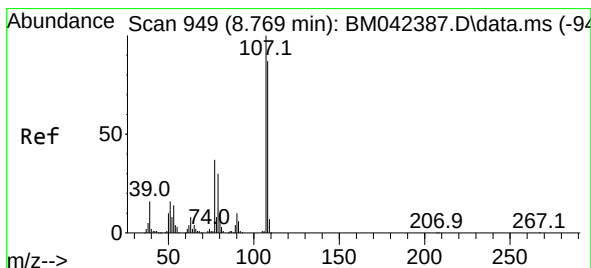
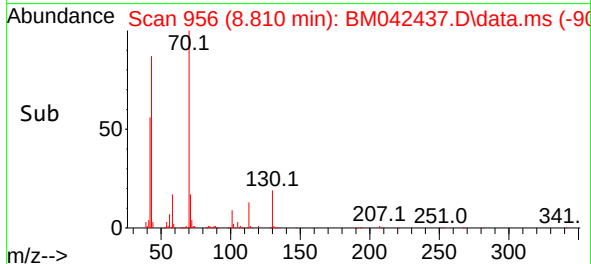
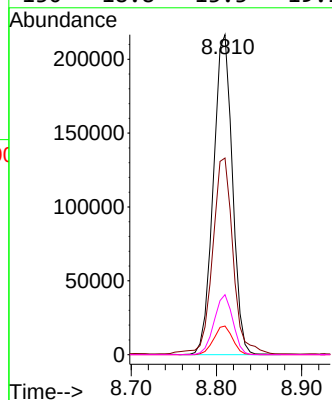
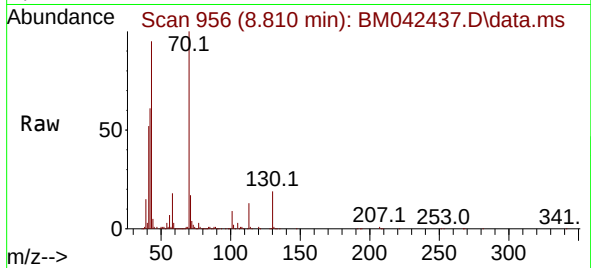




#19
n-Nitroso-di-n-propylamine
Concen: 42.687 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

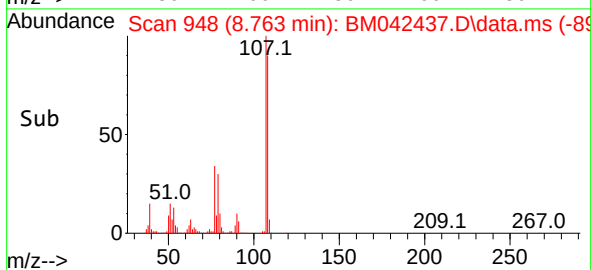
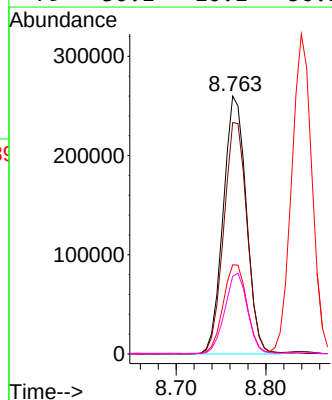
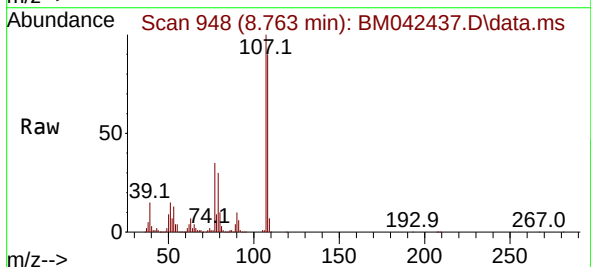
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

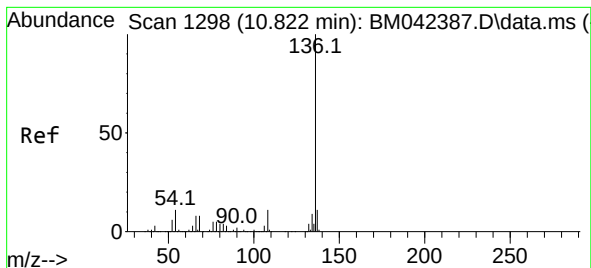
Tgt Ion: 70 Resp: 335997
Ion Ratio Lower Upper
70 100
42 61.5 52.1 78.1
101 9.0 6.5 9.7
130 18.8 13.3 19.9



#20
3+4-Methylphenols
Concen: 43.932 ng
RT: 8.763 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion: 107 Resp: 466610
Ion Ratio Lower Upper
107 100
108 89.7 67.2 107.2
77 34.6 16.8 56.8
79 30.1 10.1 50.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.816 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

Tgt Ion:136 Resp: 503307

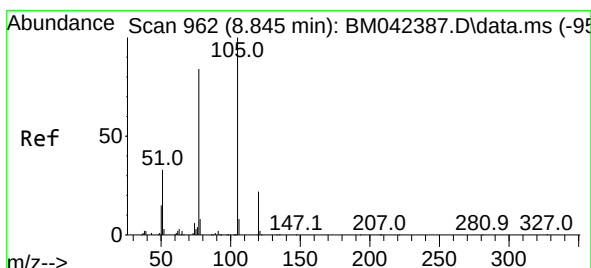
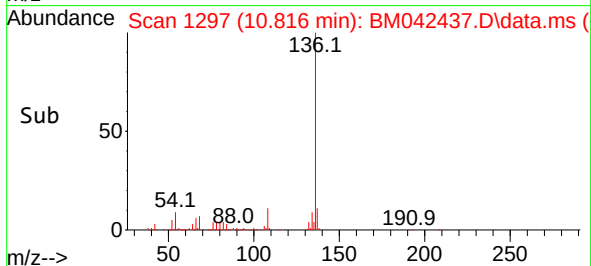
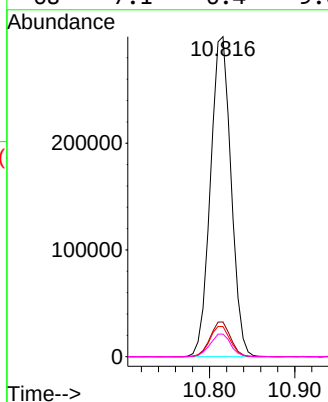
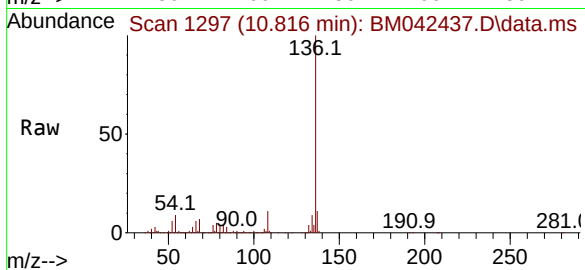
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.4 8.6 12.8

68 7.1 6.4 9.6



#22

Acetophenone

Concen: 44.541 ng

RT: 8.839 min Scan# 961

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Tgt Ion:105 Resp: 611591

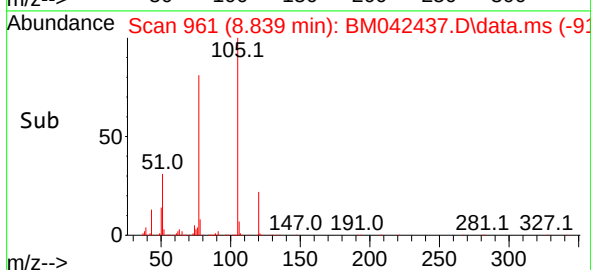
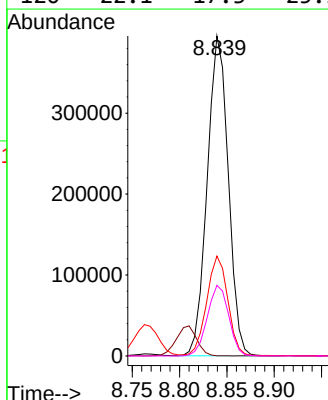
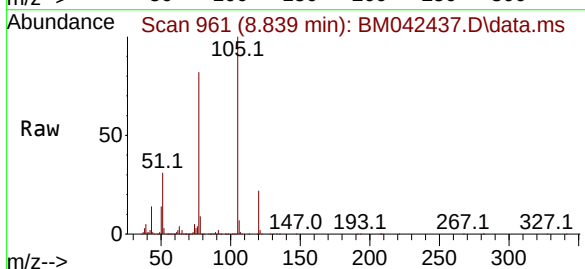
Ion Ratio Lower Upper

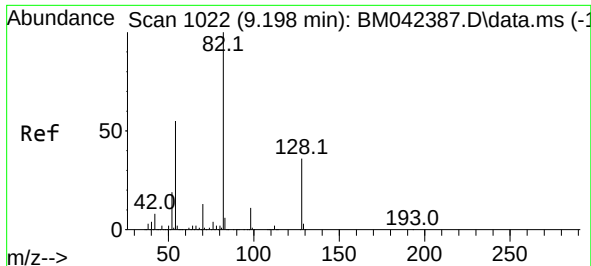
105 100

71 0.1 0.1 0.1#

51 31.2 27.1 40.7

120 22.1 17.3 25.9

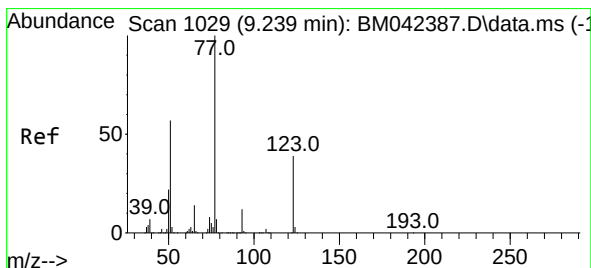
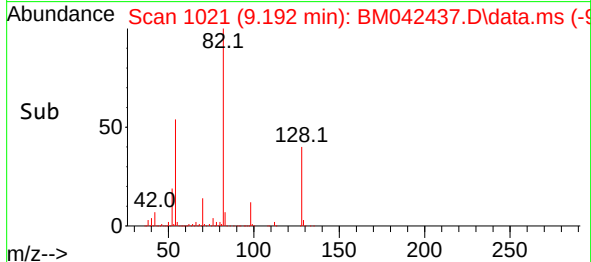
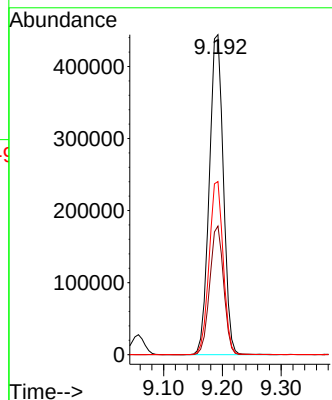
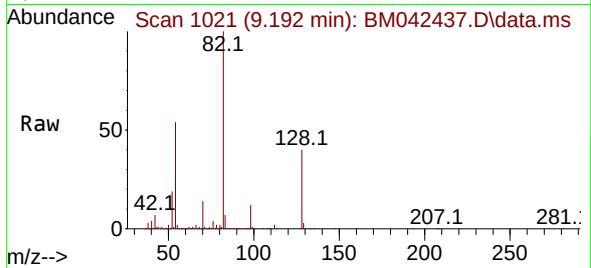




#23
Nitrobenzene-d5
Concen: 65.143 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

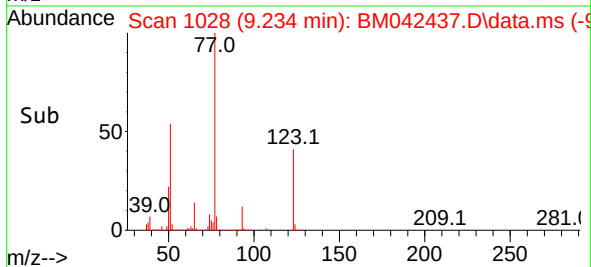
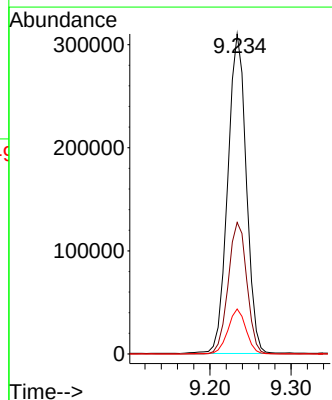
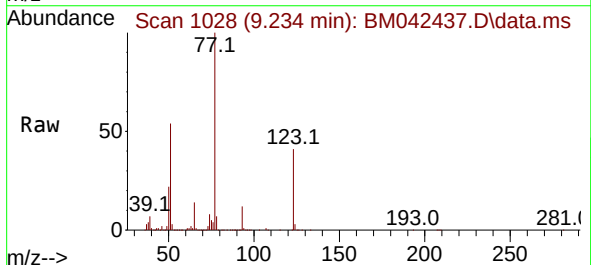
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

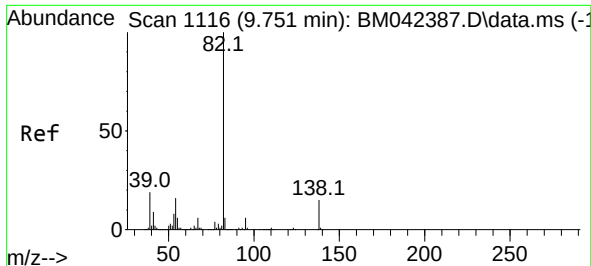
Tgt Ion: 82 Resp: 741461
Ion Ratio Lower Upper
82 100
128 40.2 29.0 43.6
54 54.1 43.7 65.5



#24
Nitrobenzene
Concen: 43.081 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion: 77 Resp: 490569
Ion Ratio Lower Upper
77 100
123 41.1 31.2 46.8
65 14.1 11.4 17.0

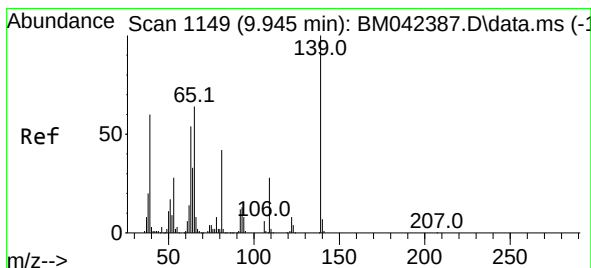
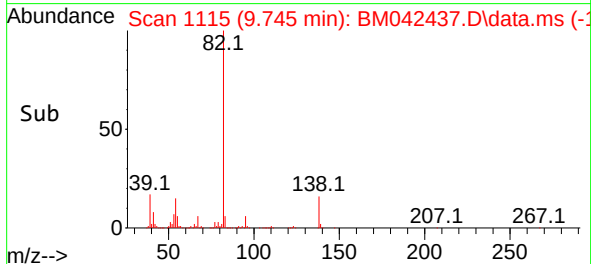
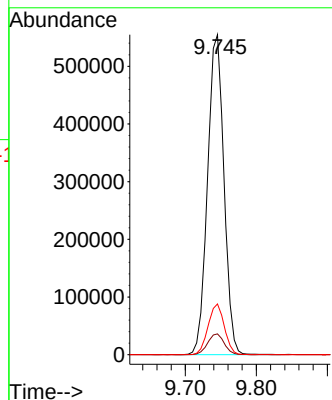
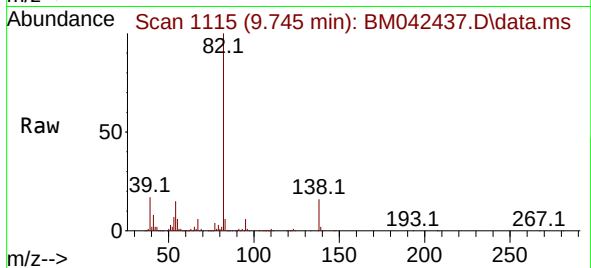




#25
Isophorone
Concen: 46.095 ng
RT: 9.745 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

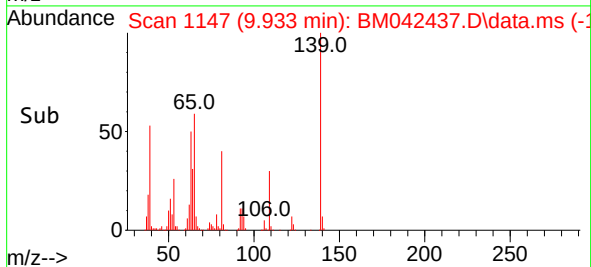
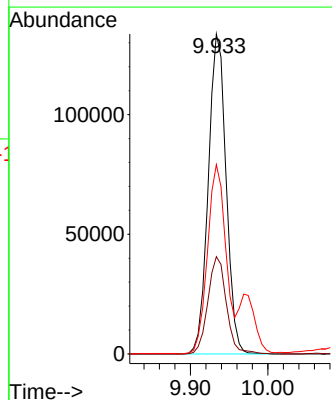
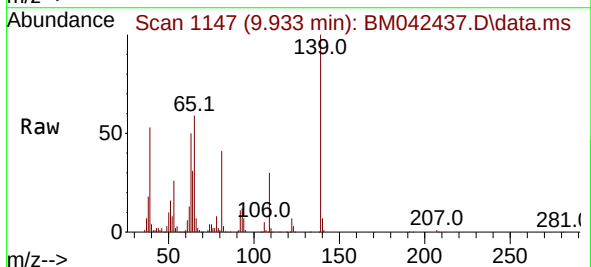
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

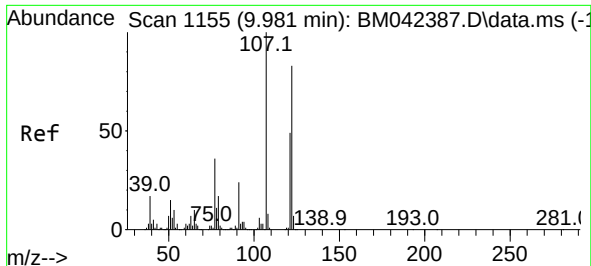
Tgt Ion: 82 Resp: 891608
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.9 11.8 17.6



#26
2-Nitrophenol
Concen: 48.597 ng
RT: 9.933 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:139 Resp: 213140
Ion Ratio Lower Upper
139 100
109 30.4 22.3 33.5
65 59.2 51.1 76.7

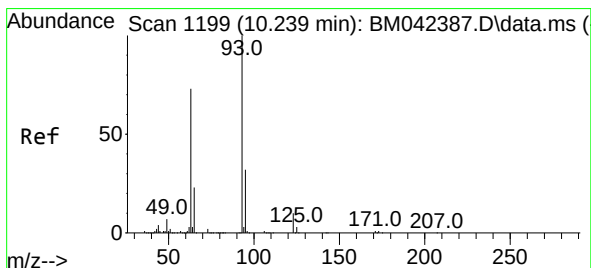
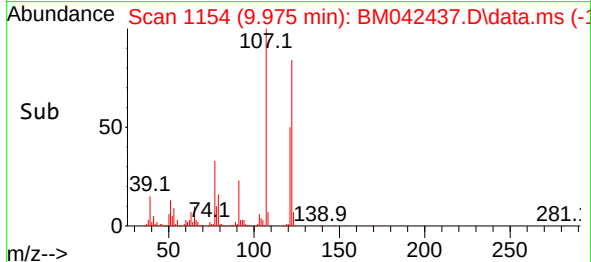
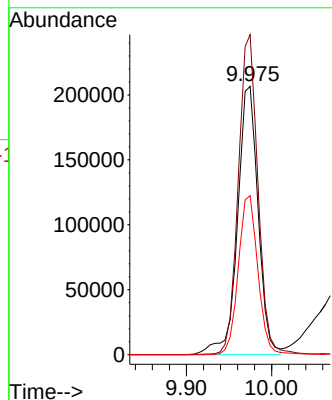
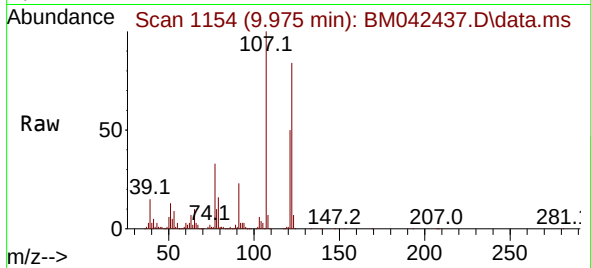




#27
2,4-Dimethylphenol
Concen: 44.251 ng
RT: 9.975 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

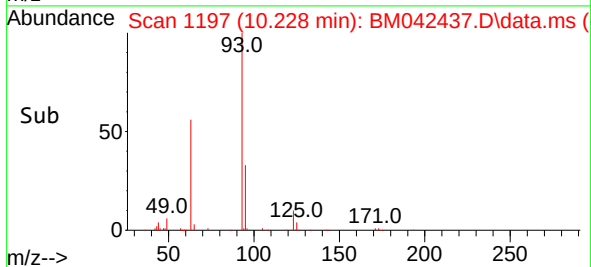
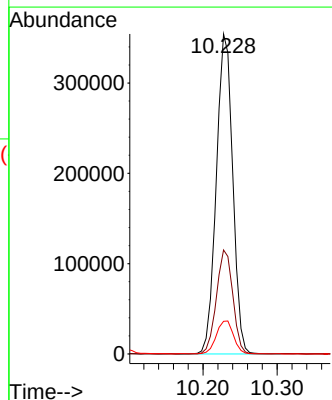
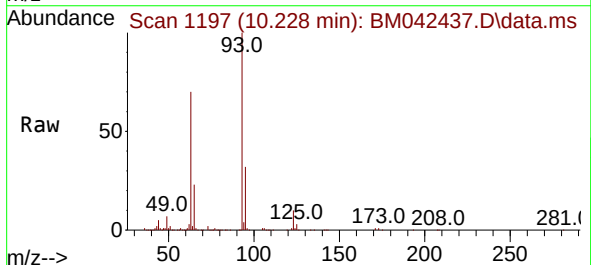
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

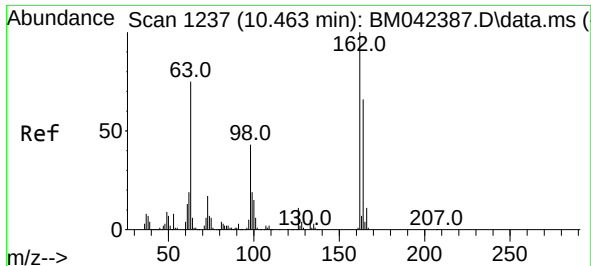
Tgt Ion:122 Resp: 347195
Ion Ratio Lower Upper
122 100
107 119.2 96.3 144.5
121 59.3 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.467 ng
RT: 10.228 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion: 93 Resp: 544937
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.6
123 10.2 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 56.025 ng

RT: 10.451 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

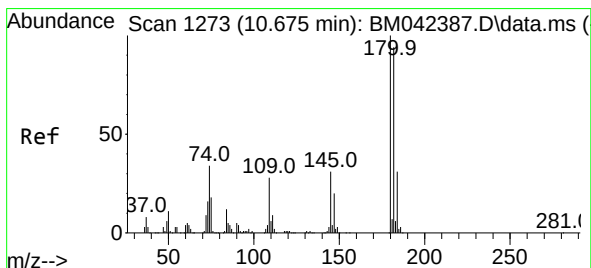
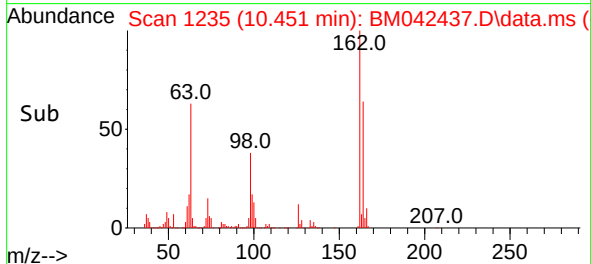
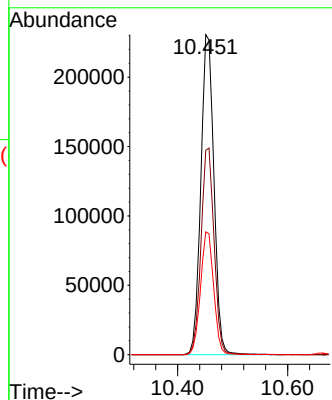
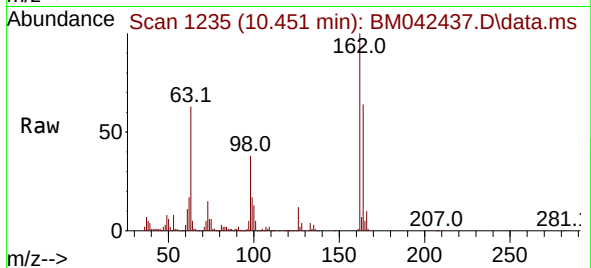
Tgt Ion:162 Resp: 382267

Ion Ratio Lower Upper

162 100

164 63.9 45.9 85.9

98 38.4 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 53.760 ng

RT: 10.663 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

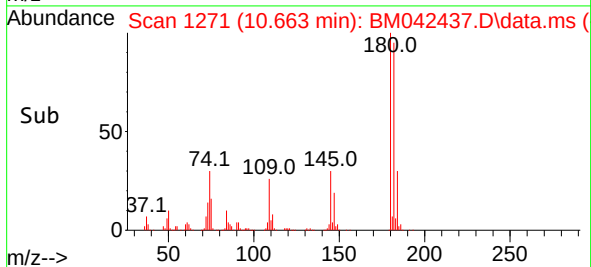
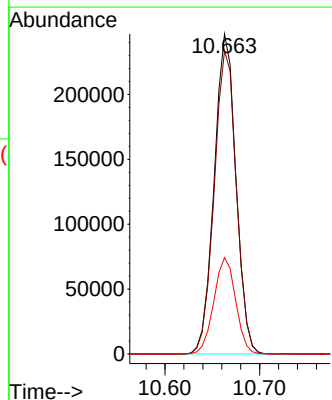
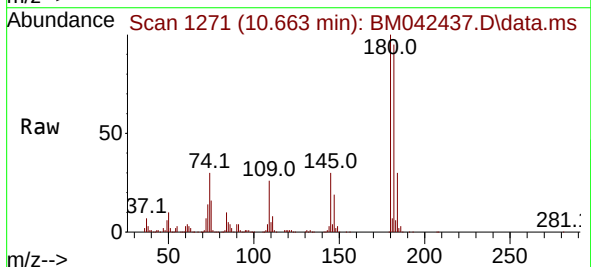
Tgt Ion:180 Resp: 393235

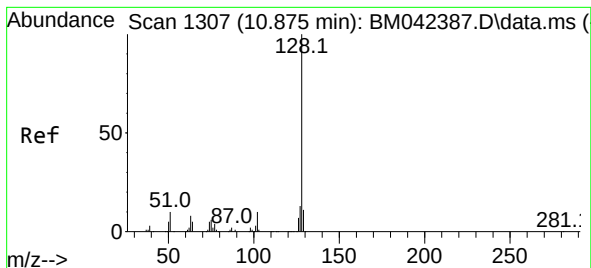
Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.4

145 30.1 24.6 36.8





#31

Naphthalene

Concen: 47.776 ng

RT: 10.863 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

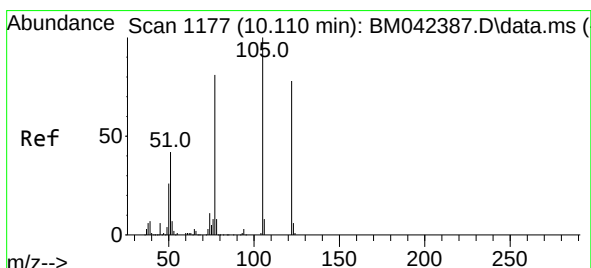
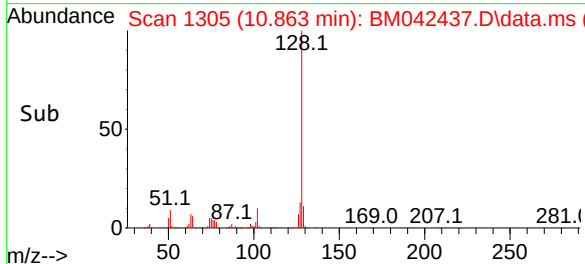
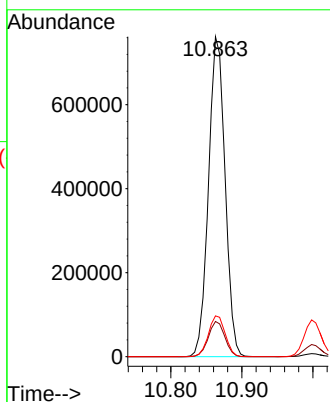
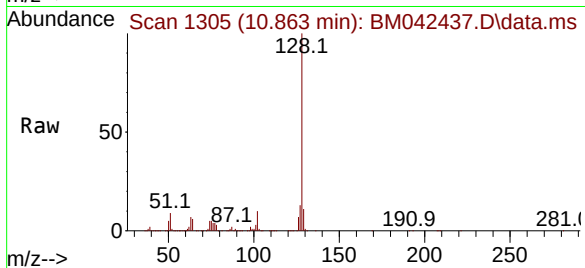
Tgt Ion:128 Resp: 1235111

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 12.7 10.4 15.6



#32

Benzoic acid

Concen: 39.023 ng

RT: 10.092 min Scan# 1174

Delta R.T. -0.018 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

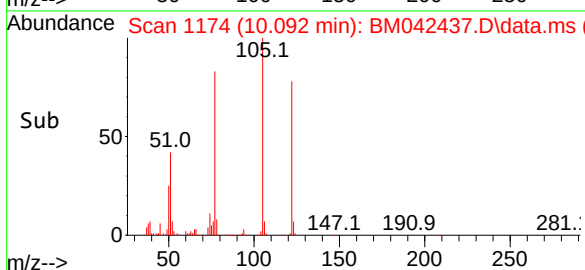
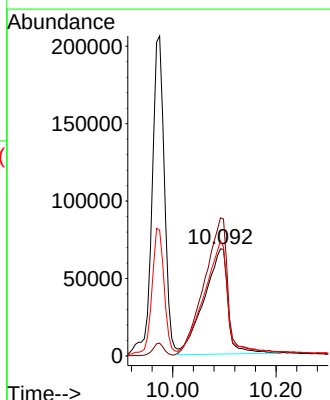
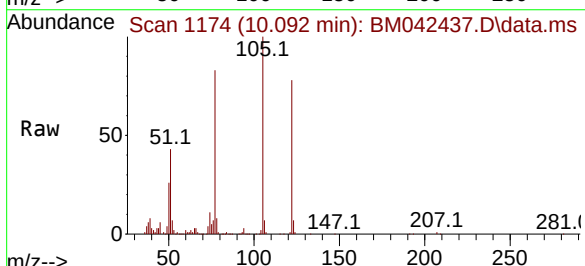
Tgt Ion:122 Resp: 217509

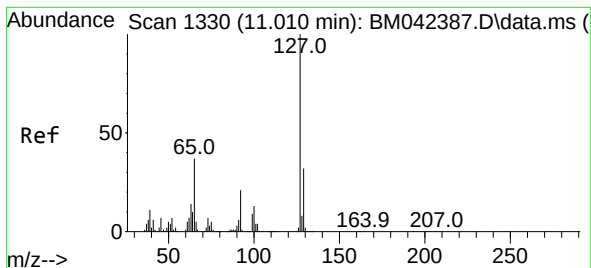
Ion Ratio Lower Upper

122 100

105 129.0 104.9 144.9

77 107.3 83.4 123.4





#33

4-Chloroaniline

Concen: 13.520 ng

RT: 10.998 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

Tgt Ion:127 Resp: 151754

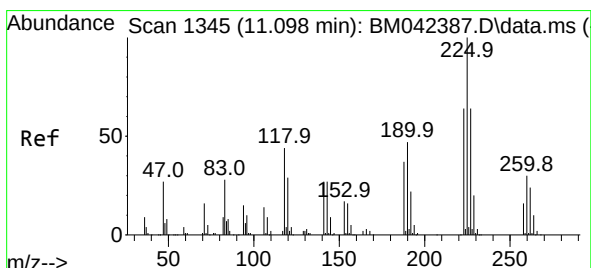
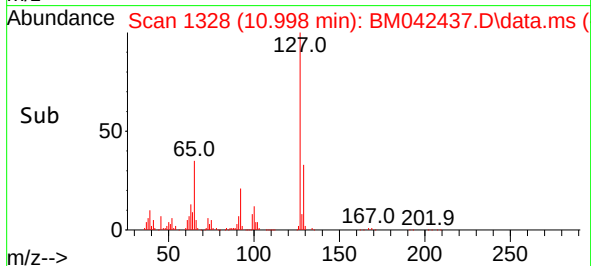
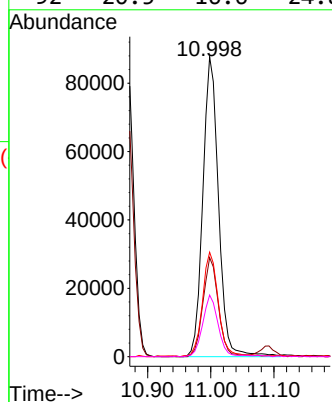
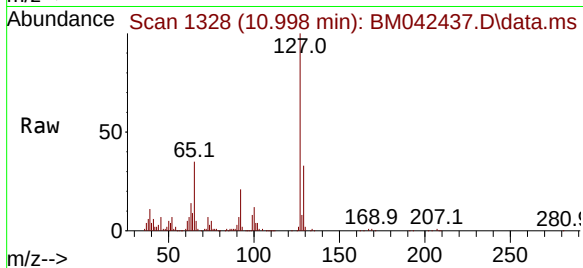
Ion Ratio Lower Upper

127 100

129 33.0 25.3 37.9

65 34.8 29.6 44.4

92 20.5 16.6 24.8



#34

Hexachlorobutadiene

Concen: 58.769 ng

RT: 11.092 min Scan# 1344

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

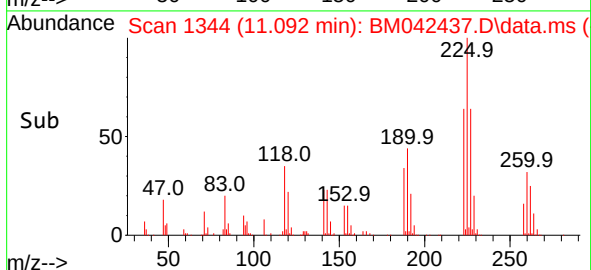
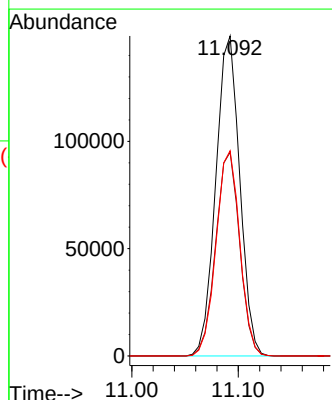
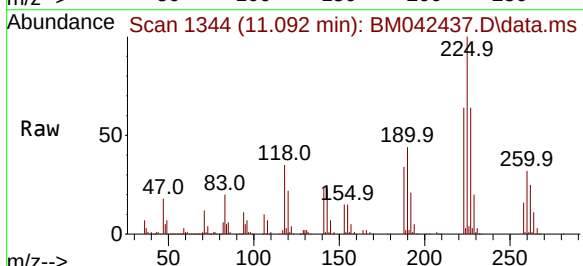
Tgt Ion:225 Resp: 232618

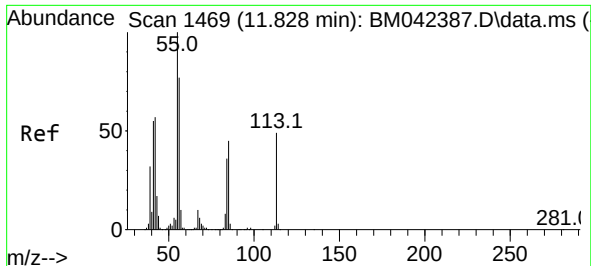
Ion Ratio Lower Upper

225 100

223 63.6 51.5 77.3

227 64.2 51.3 76.9

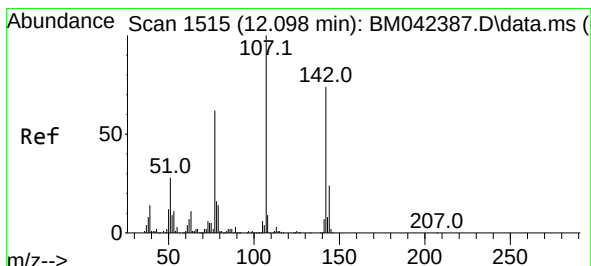
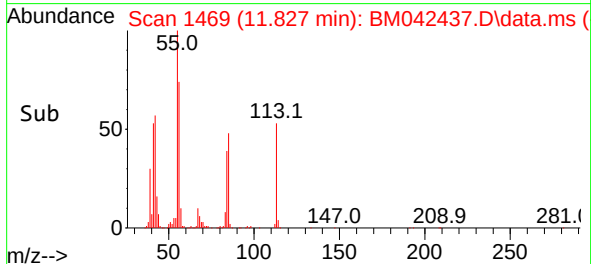
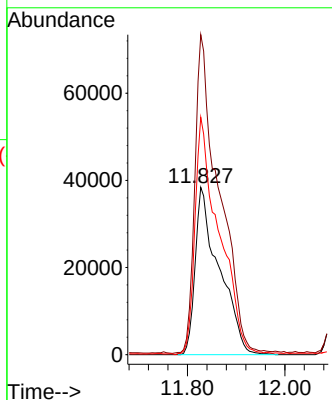
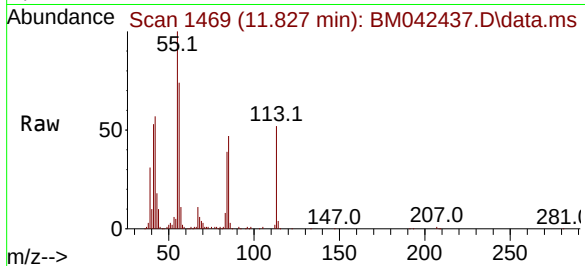




#35
 Caprolactam
 Concen: 48.467 ng
 RT: 11.827 min Scan# 1469
 Delta R.T. -0.001 min
 Lab File: BM042437.D
 Acq: 25 Oct 2023 14:46

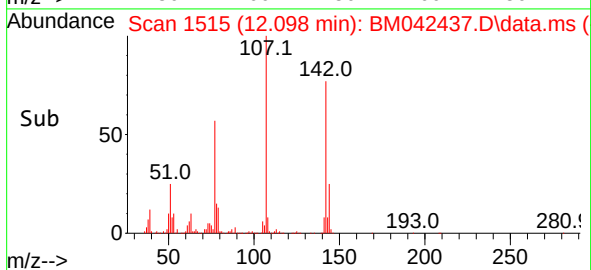
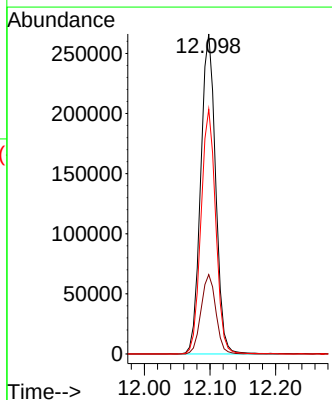
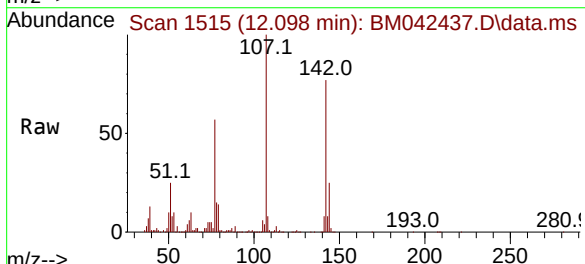
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B5-COMP-101723MS

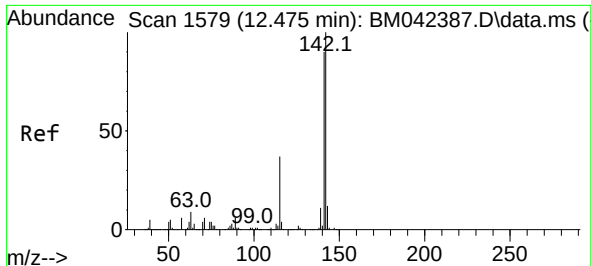
Tgt Ion:113 Resp: 131449
 Ion Ratio Lower Upper
 113 100
 55 191.2 185.6 225.6
 56 141.9 137.8 177.8



#36
 4-Chloro-3-methylphenol
 Concen: 51.330 ng
 RT: 12.098 min Scan# 1515
 Delta R.T. -0.000 min
 Lab File: BM042437.D
 Acq: 25 Oct 2023 14:46

Tgt Ion:107 Resp: 422638
 Ion Ratio Lower Upper
 107 100
 144 24.8 18.9 28.3
 142 76.5 59.2 88.8

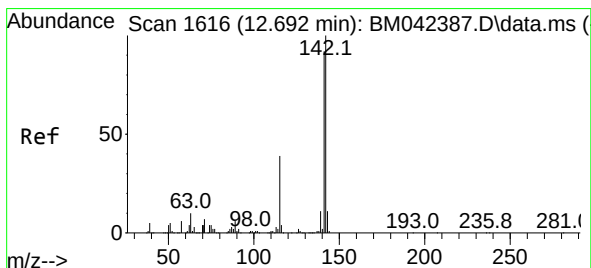
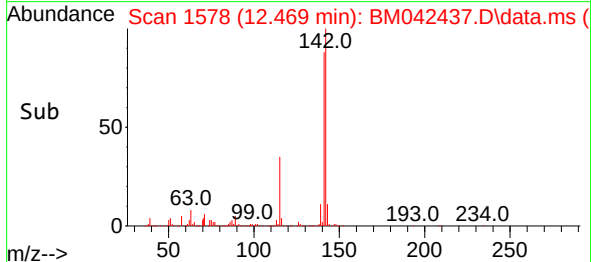
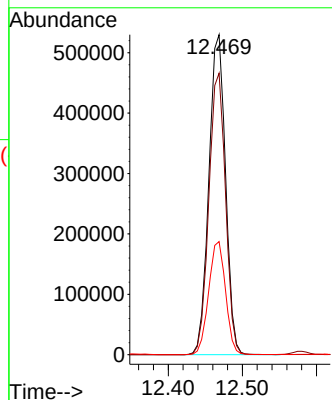
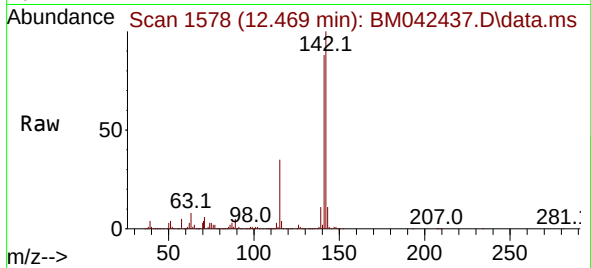




#37
2-Methylnaphthalene
Concen: 47.531 ng
RT: 12.469 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

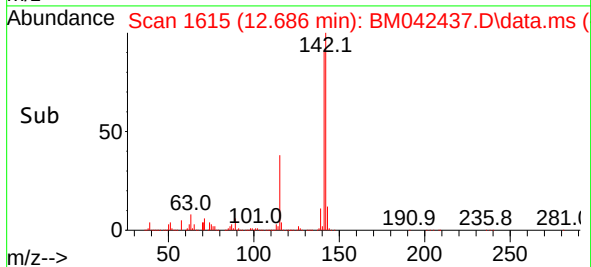
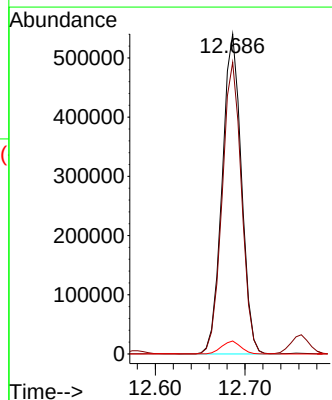
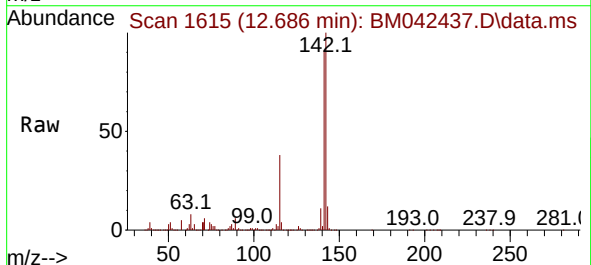
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

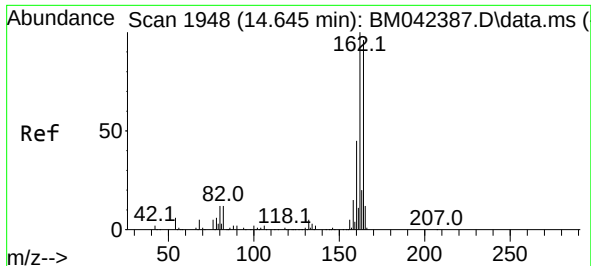
Tgt Ion:142 Resp: 827172
Ion Ratio Lower Upper
142 100
141 88.0 72.0 108.0
115 35.4 29.4 44.2



#38
1-Methylnaphthalene
Concen: 49.407 ng
RT: 12.686 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:142 Resp: 805493
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.6
116 4.0 3.3 4.9

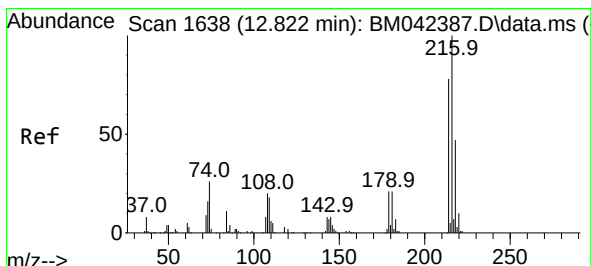
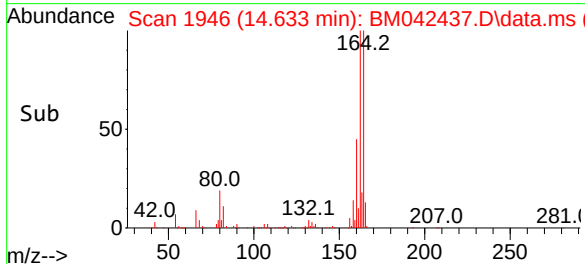
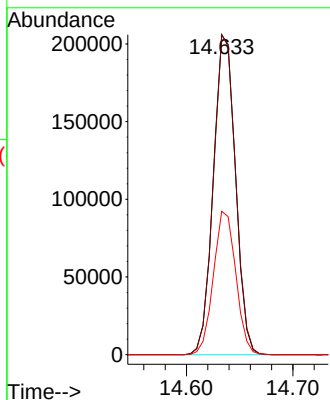
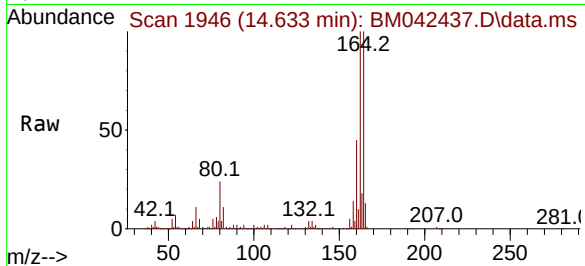




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

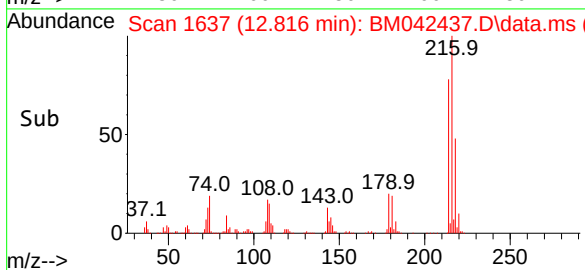
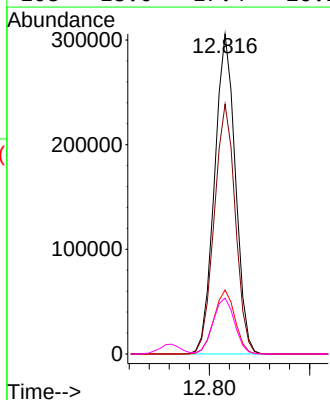
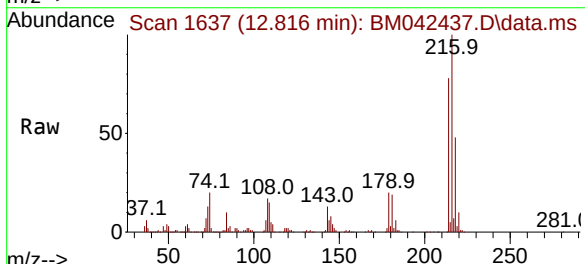
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

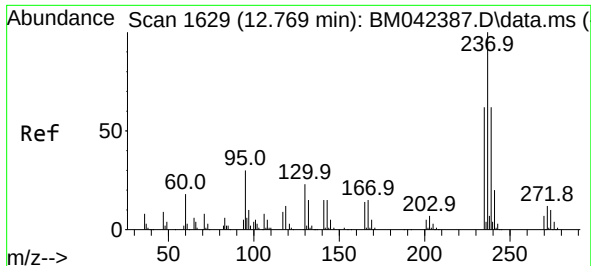
Tgt Ion:164 Resp: 296850
Ion Ratio Lower Upper
164 100
162 100.1 83.0 124.4
160 44.9 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.380 ng
RT: 12.816 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:216 Resp: 440930
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 20.1 17.2 25.8
108 18.0 17.4 26.2

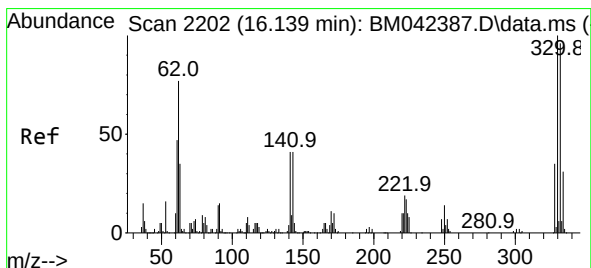
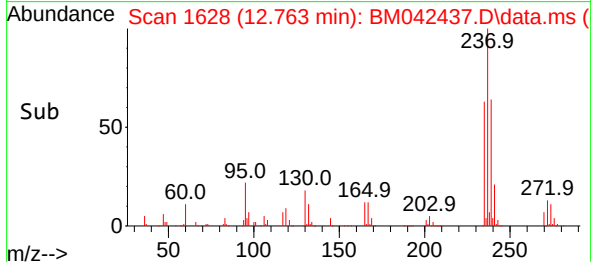
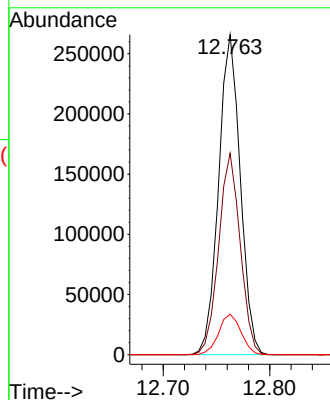
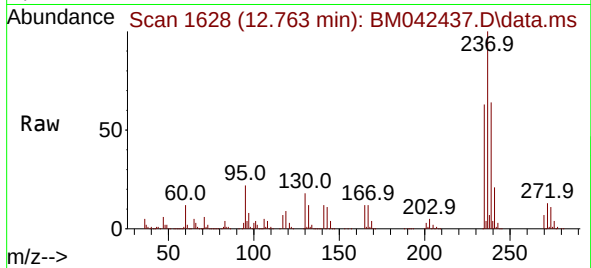




#41
Hexachlorocyclopentadiene
Concen: 80.571 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

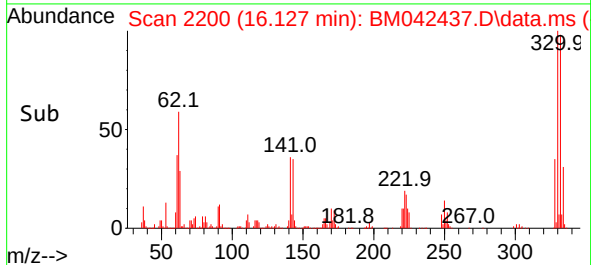
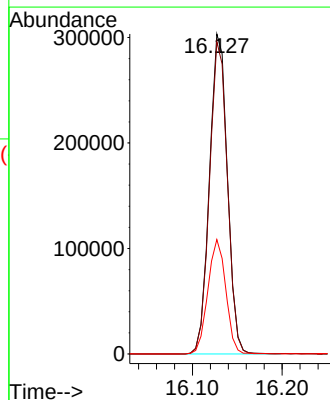
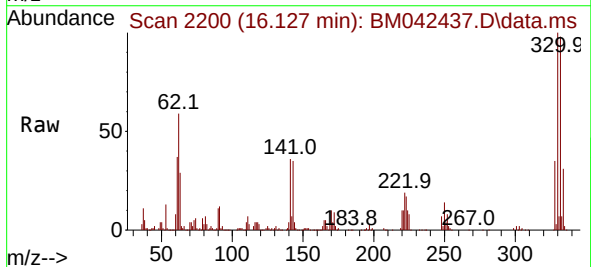
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

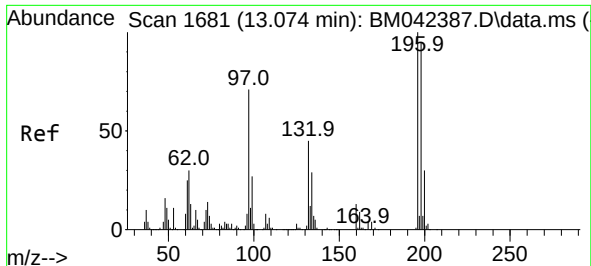
Tgt Ion:237 Resp: 375063
Ion Ratio Lower Upper
237 100
235 63.0 41.5 81.5
272 12.7 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 128.504 ng
RT: 16.127 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:330 Resp: 420900
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 35.8 38.0 57.0#

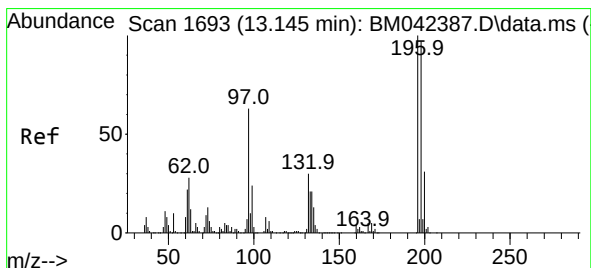
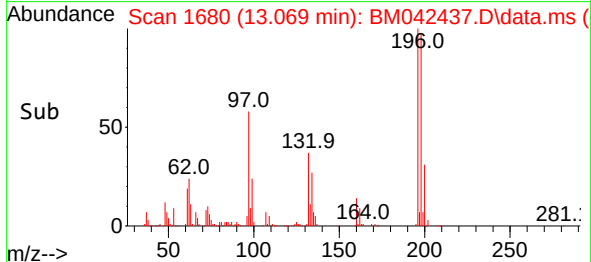
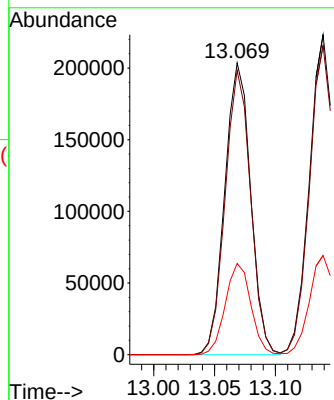
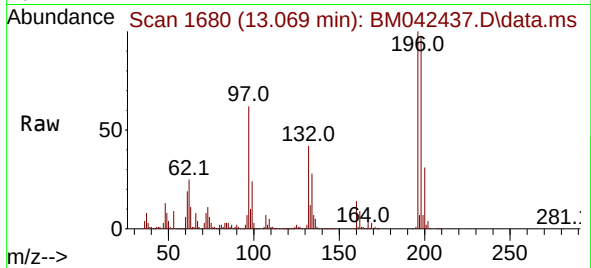




#43
2,4,6-Trichlorophenol
Concen: 54.270 ng
RT: 13.069 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

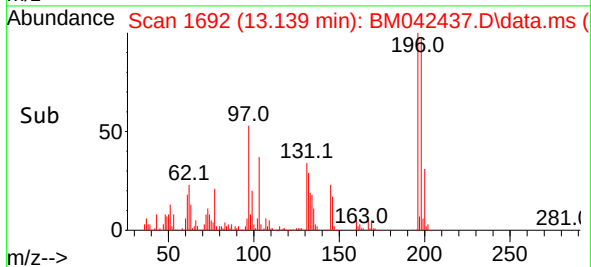
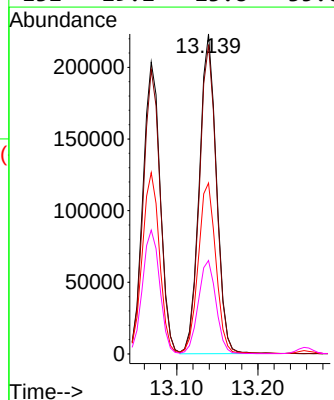
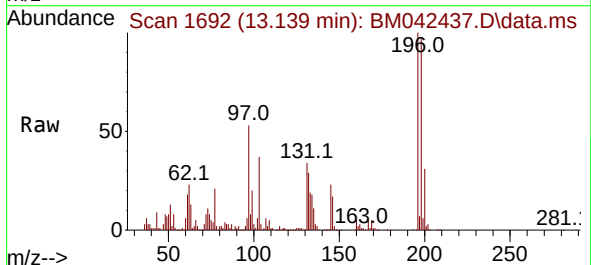
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

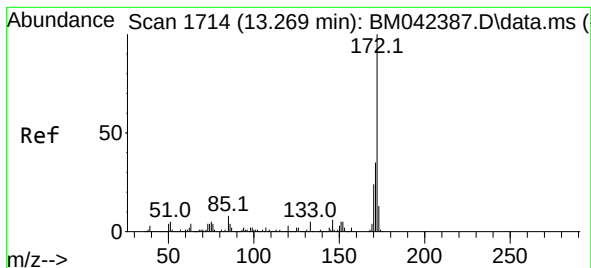
Tgt Ion:196 Resp: 301493
Ion Ratio Lower Upper
196 100
198 97.4 76.3 114.5
200 31.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 49.914 ng
RT: 13.139 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:196 Resp: 327795
Ion Ratio Lower Upper
196 100
198 96.7 77.9 116.9
97 53.4 50.9 76.3
132 29.2 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 67.516 ng

RT: 13.257 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

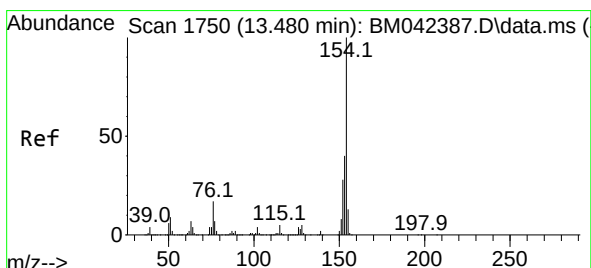
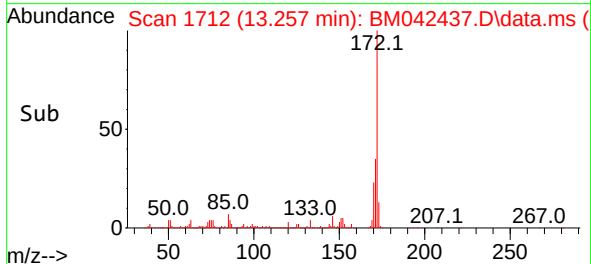
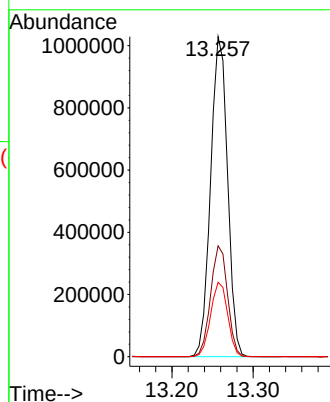
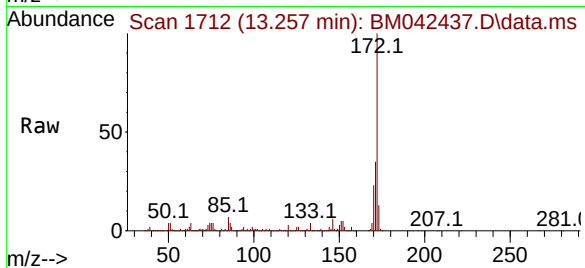
Tgt Ion:172 Resp: 1488329

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 46.566 ng

RT: 13.474 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

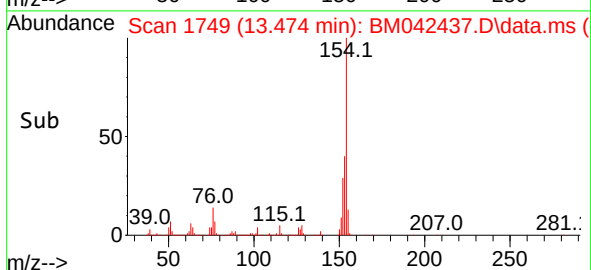
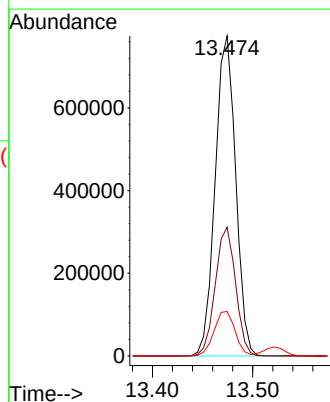
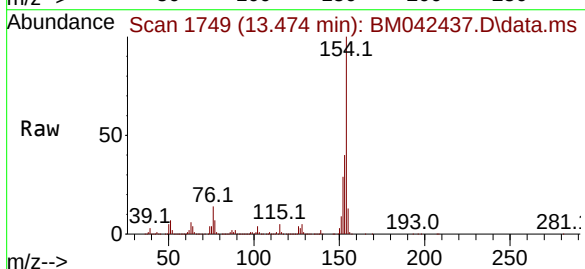
Tgt Ion:154 Resp: 1096592

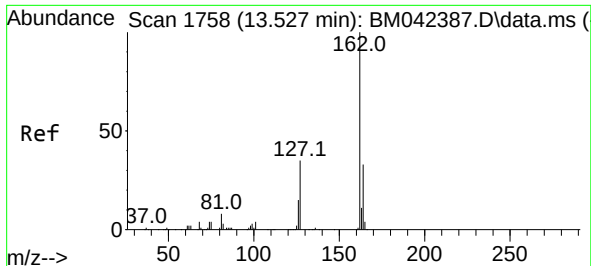
Ion Ratio Lower Upper

154 100

153 40.2 19.9 59.9

76 13.9 0.0 36.9

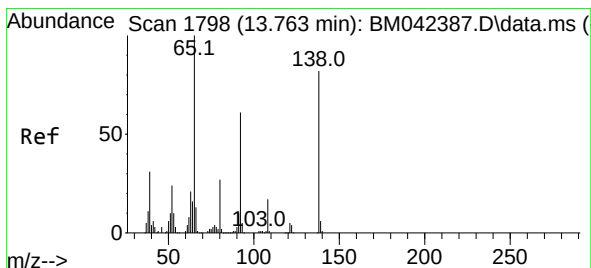
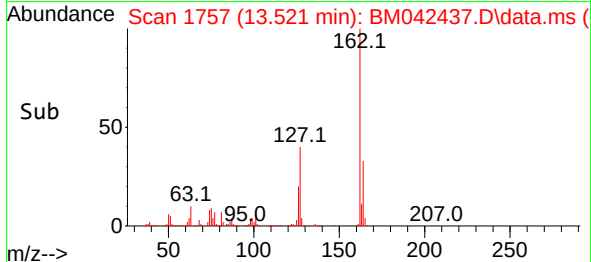
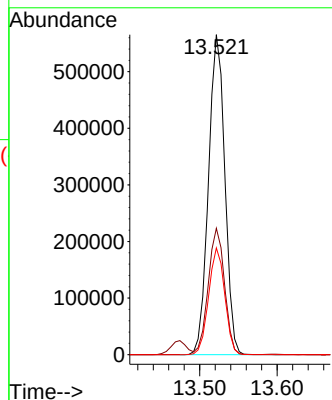
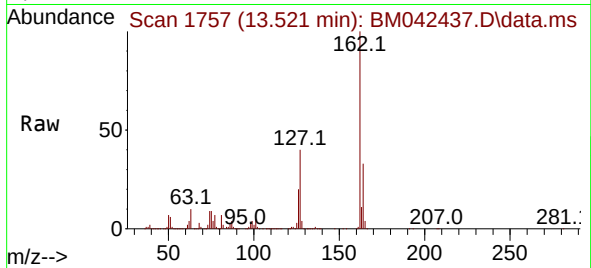




#47
2-Chloronaphthalene
Concen: 48.000 ng
RT: 13.521 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

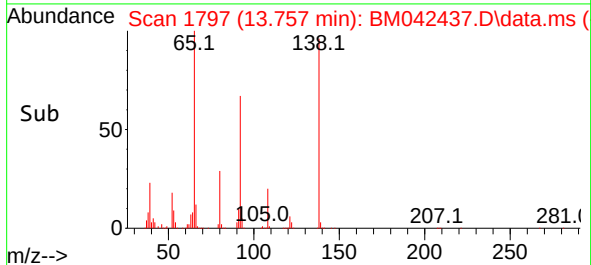
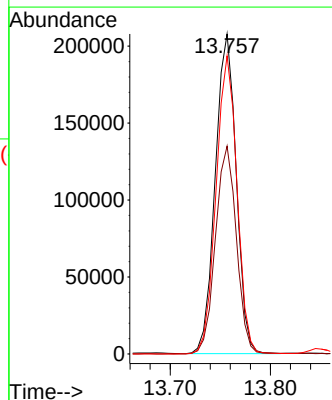
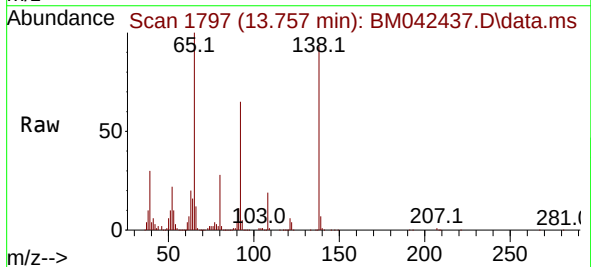
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

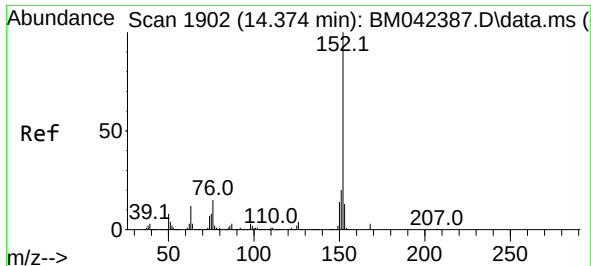
Tgt Ion:162 Resp: 829305
Ion Ratio Lower Upper
162 100
127 39.5 32.2 48.2
164 33.4 26.2 39.2



#48
2-Nitroaniline
Concen: 40.104 ng
RT: 13.757 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion: 65 Resp: 301177
Ion Ratio Lower Upper
65 100
92 65.0 49.0 73.6
138 93.2 65.5 98.3

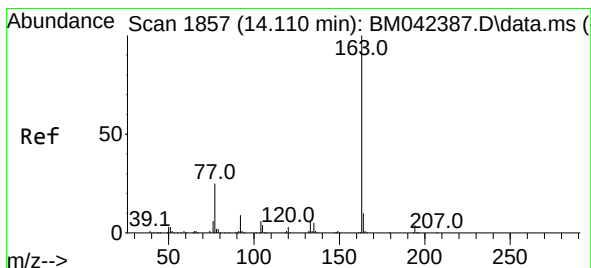
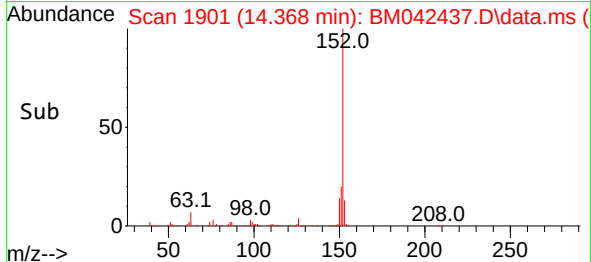
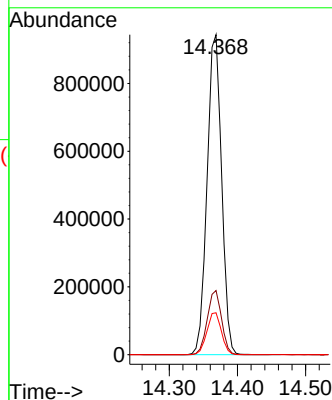
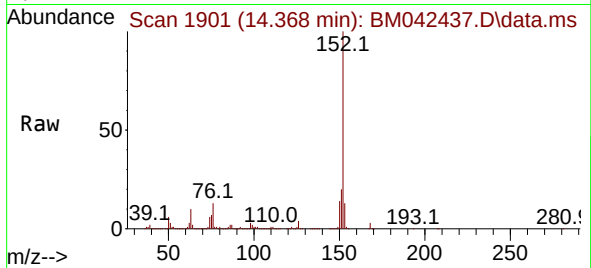




#49
Acenaphthylene
Concen: 50.134 ng
RT: 14.368 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

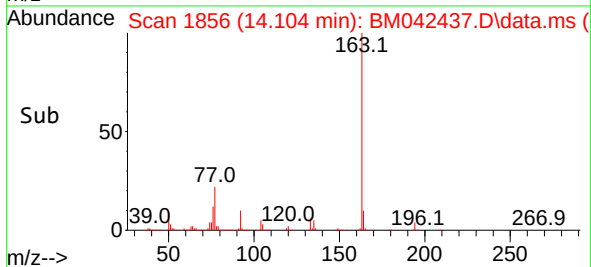
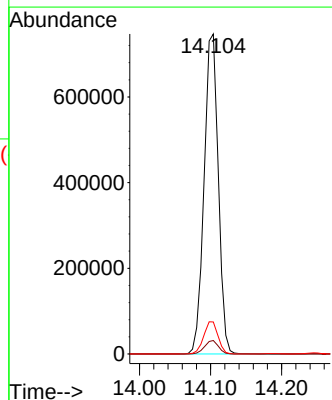
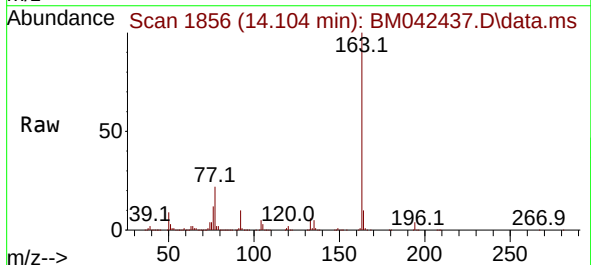
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

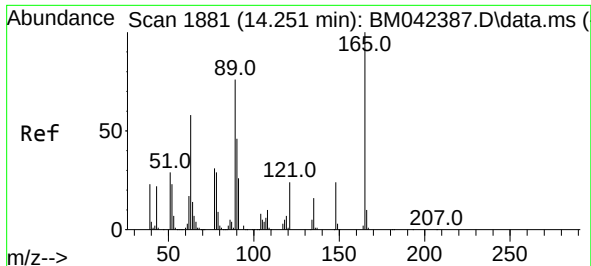
Tgt Ion:152 Resp: 1398358
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 47.766 ng
RT: 14.104 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:163 Resp: 1040054
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.0 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 45.967 ng

RT: 14.245 min Scan# 1881

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

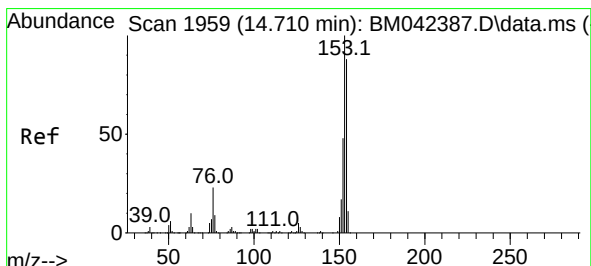
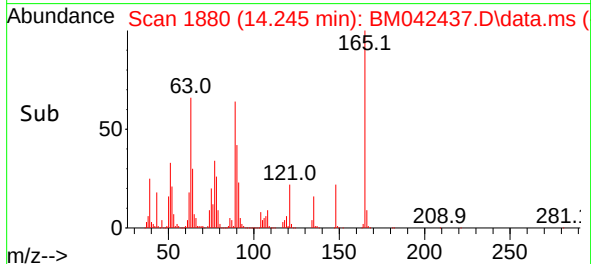
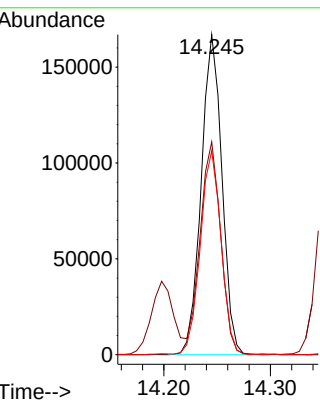
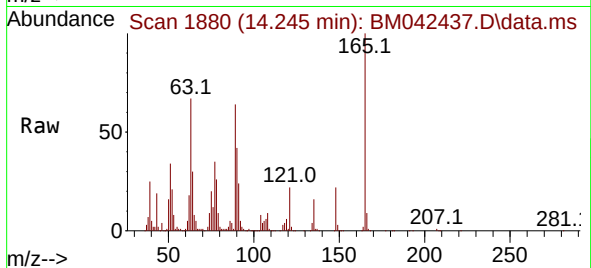
Tgt Ion:165 Resp: 225353

Ion Ratio Lower Upper

165 100

63 66.5 65.3 97.9

89 63.7 60.6 91.0



#52

Acenaphthene

Concen: 46.877 ng

RT: 14.698 min Scan# 1957

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

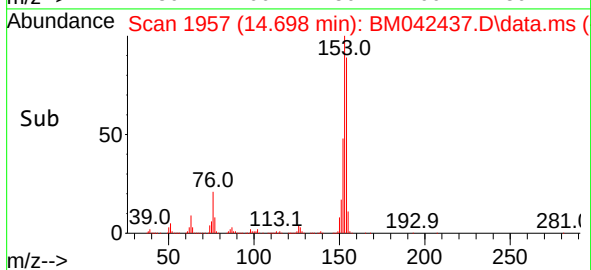
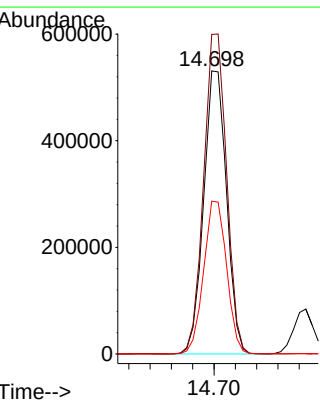
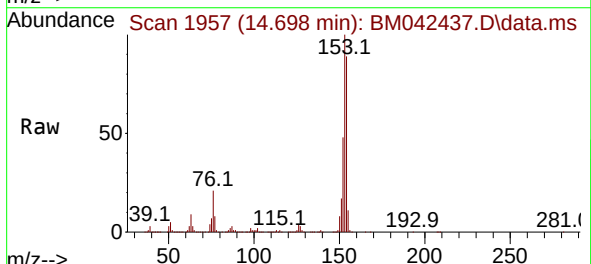
Tgt Ion:154 Resp: 790485

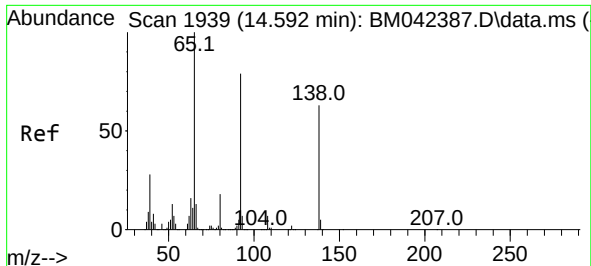
Ion Ratio Lower Upper

154 100

153 112.9 91.1 136.7

152 54.0 44.0 66.0

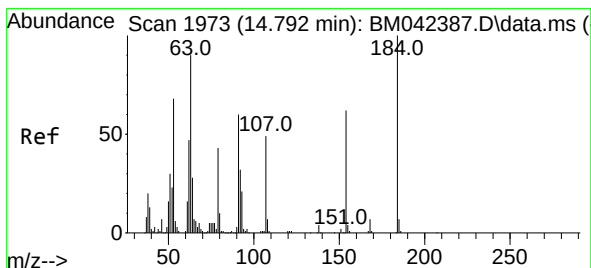
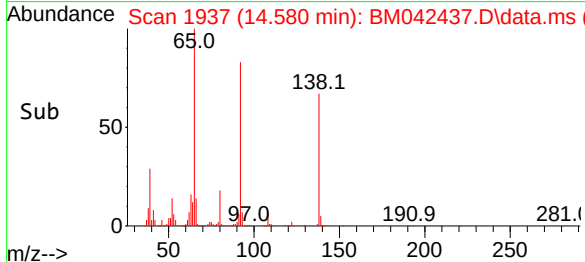
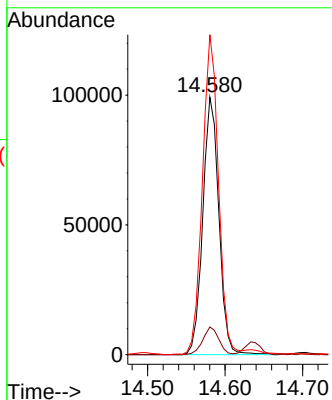
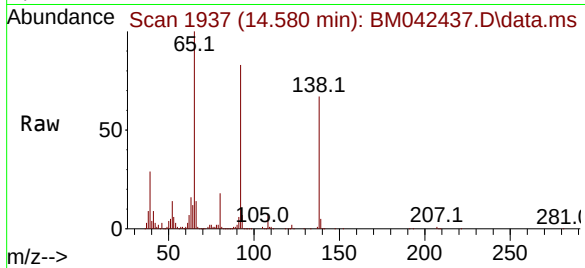




#53
3-Nitroaniline
Concen: 26.161 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

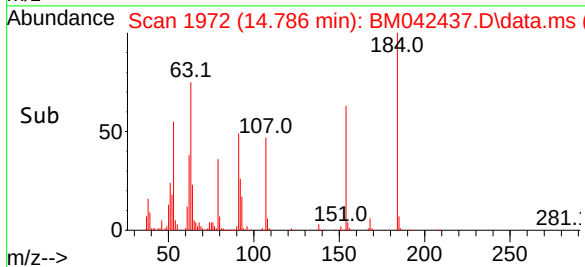
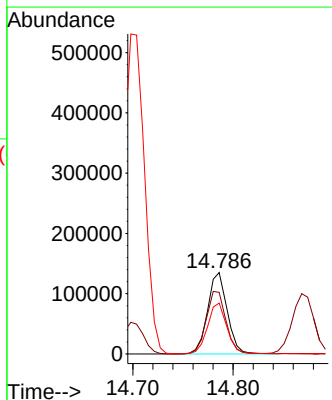
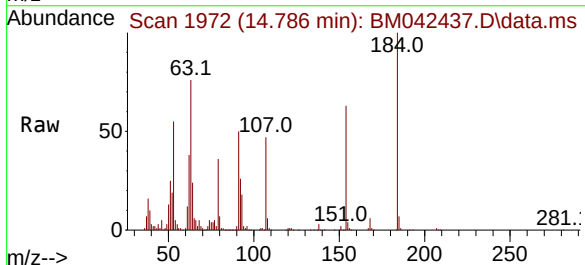
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

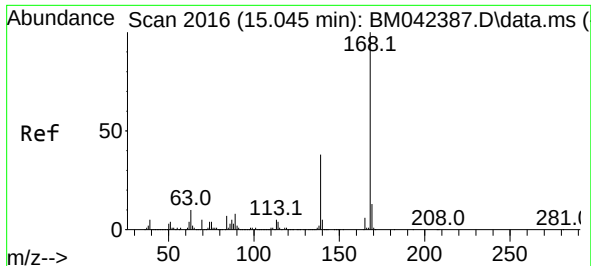
Tgt Ion:138 Resp: 143214
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 124.3 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 62.089 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:184 Resp: 182881
Ion Ratio Lower Upper
184 100
63 75.7 72.2 108.2
154 62.5 49.6 74.4

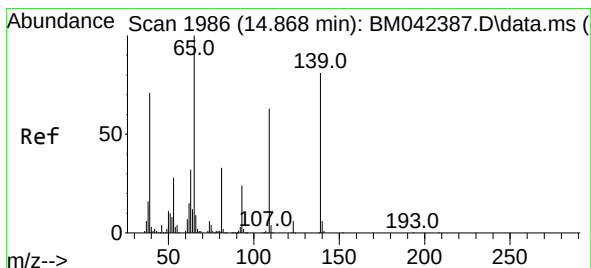
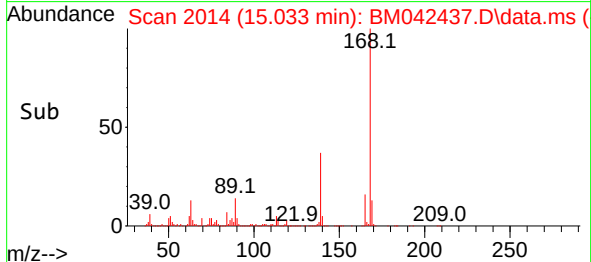
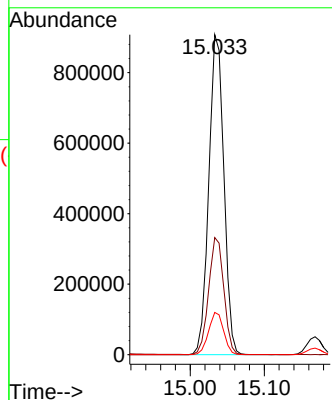
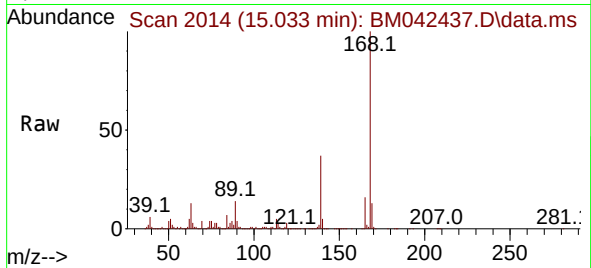




#55
Dibenzenofuran
Concen: 48.026 ng
RT: 15.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

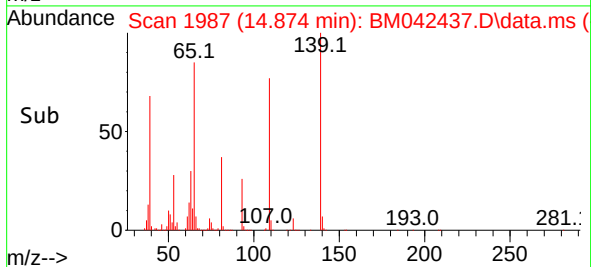
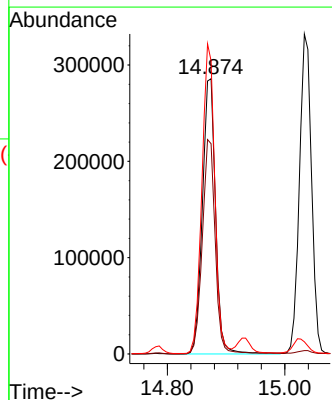
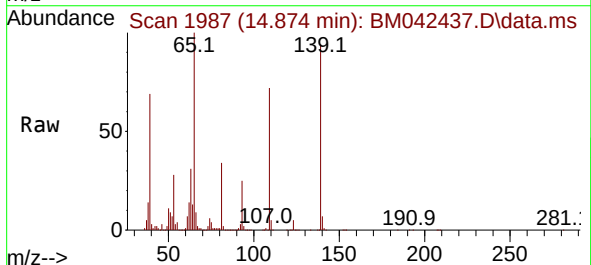
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

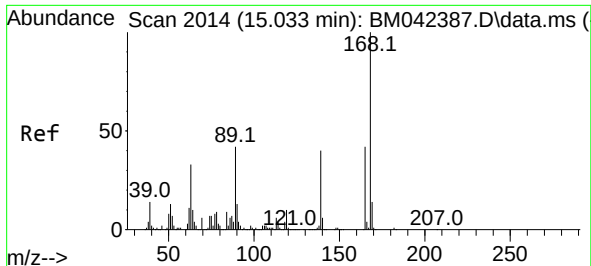
Tgt Ion:168 Resp: 1280920
Ion Ratio Lower Upper
168 100
139 36.6 30.6 46.0
169 13.2 10.4 15.6



#56
4-Nitrophenol
Concen: 100.366 ng
RT: 14.874 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:139 Resp: 445092
Ion Ratio Lower Upper
139 100
109 76.4 58.0 98.0
65 106.5 104.2 144.2





#57

2,4-Dinitrotoluene

Concen: 46.816 ng

RT: 15.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

Tgt Ion:165 Resp: 307123

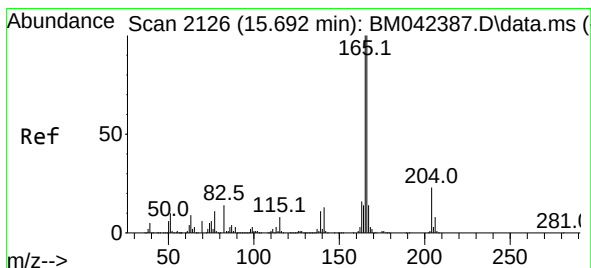
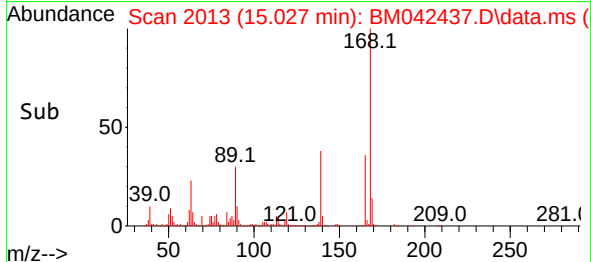
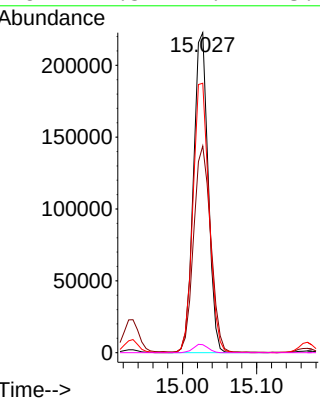
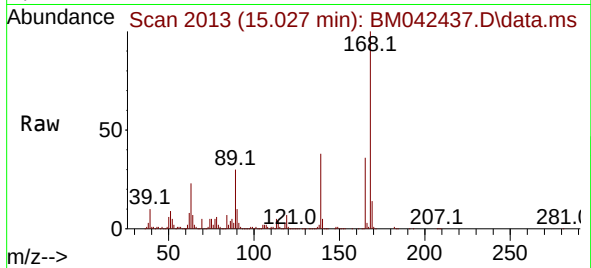
Ion Ratio Lower Upper

165 100

63 64.6 62.9 94.3

89 84.2 80.2 120.2

182 2.5 2.1 3.1



#58

Fluorene

Concen: 49.203 ng

RT: 15.686 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

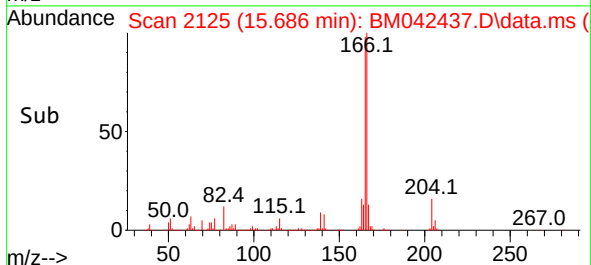
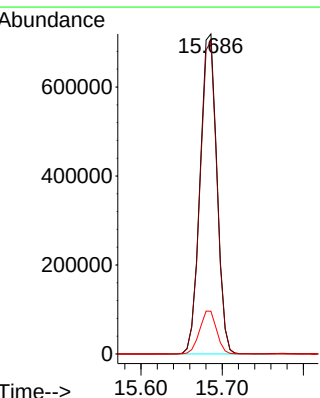
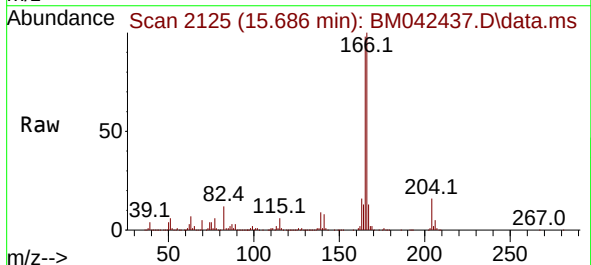
Tgt Ion:166 Resp: 1035570

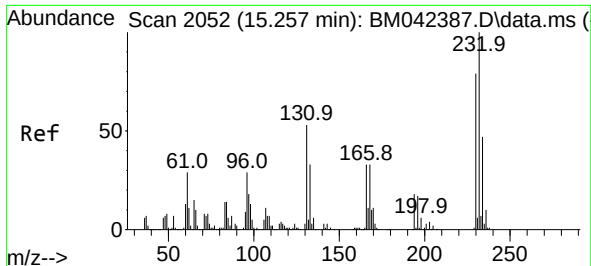
Ion Ratio Lower Upper

166 100

165 97.7 79.6 119.4

167 13.4 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 60.055 ng

RT: 15.251 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

Tgt Ion:232 Resp: 296278

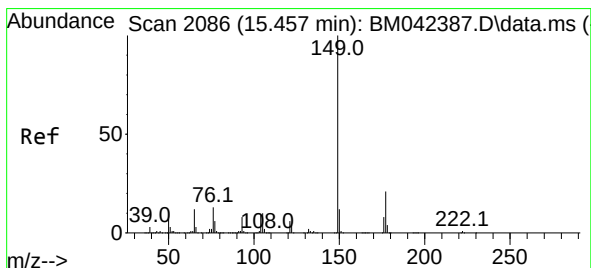
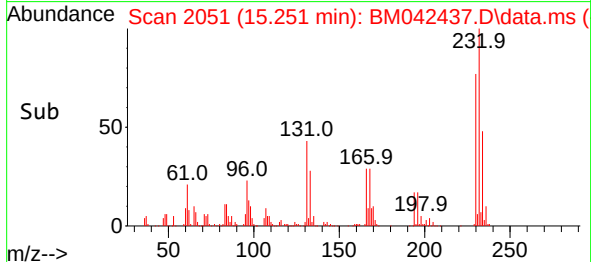
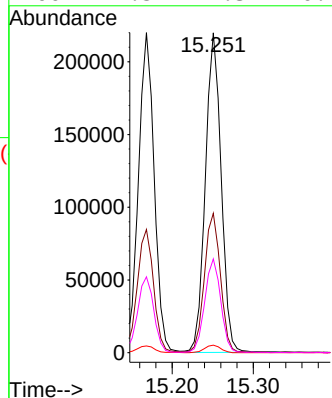
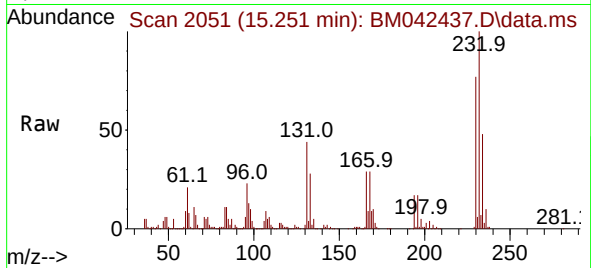
Ion Ratio Lower Upper

232 100

131 44.0 42.8 64.2

130 2.4 2.2 3.2

166 29.5 27.3 40.9



#60

Diethylphthalate

Concen: 48.454 ng

RT: 15.445 min Scan# 2084

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

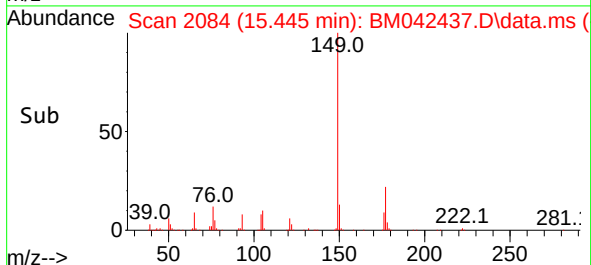
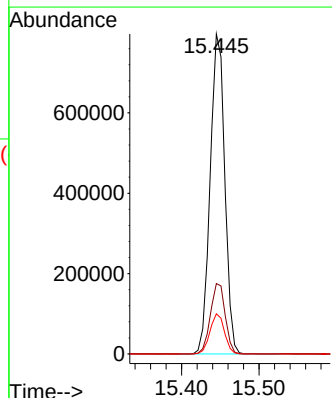
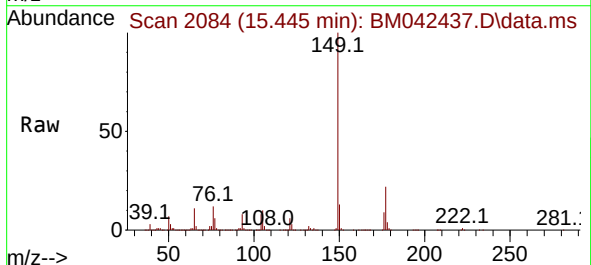
Tgt Ion:149 Resp: 1041144

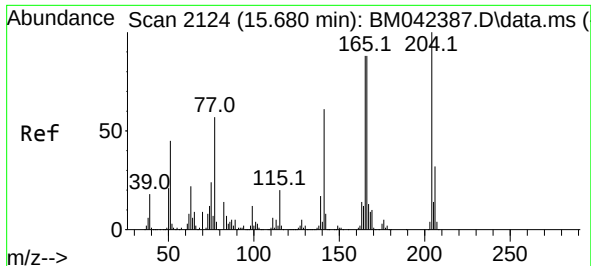
Ion Ratio Lower Upper

149 100

177 22.0 16.7 25.1

150 12.6 9.8 14.6

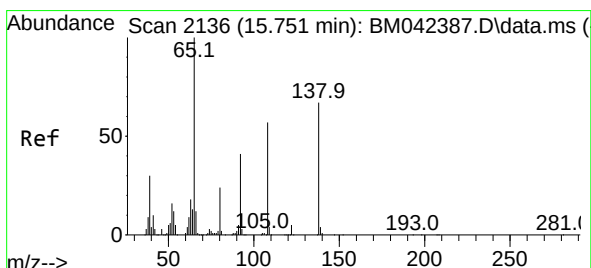
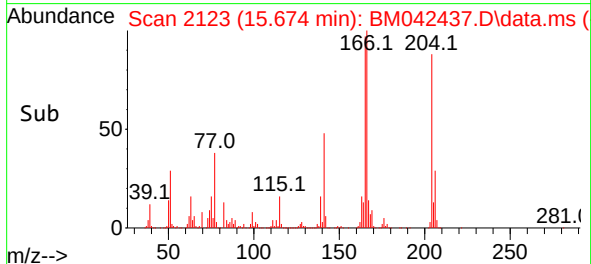
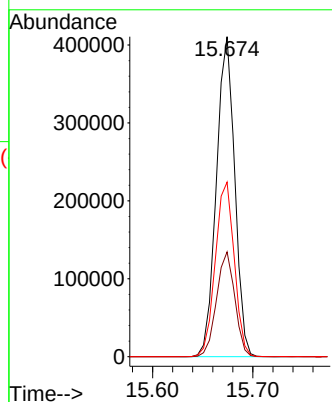
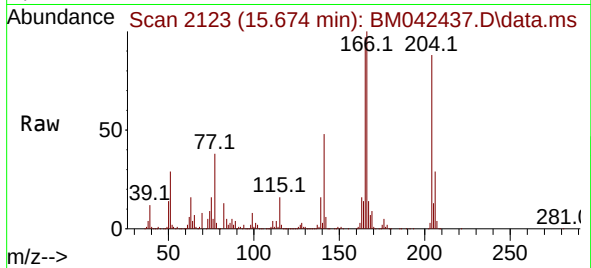




#61
4-Chlorophenyl-phenylether
Concen: 52.650 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

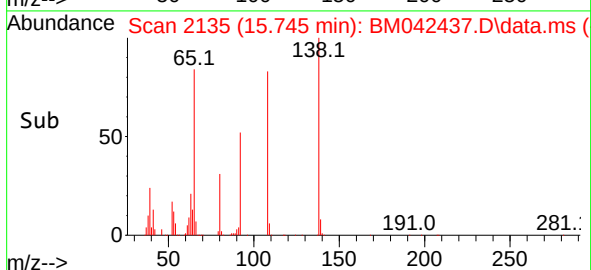
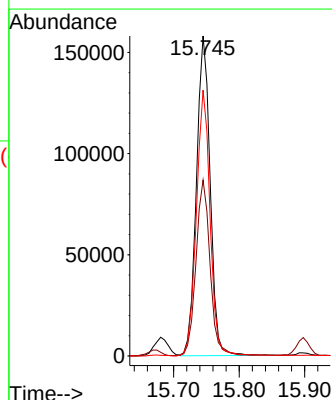
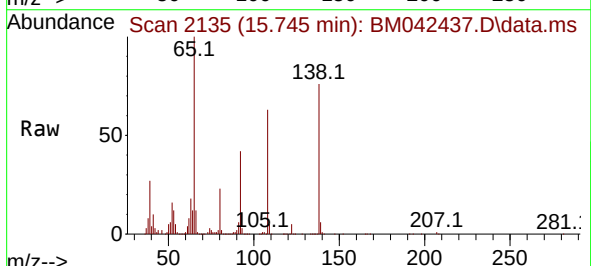
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

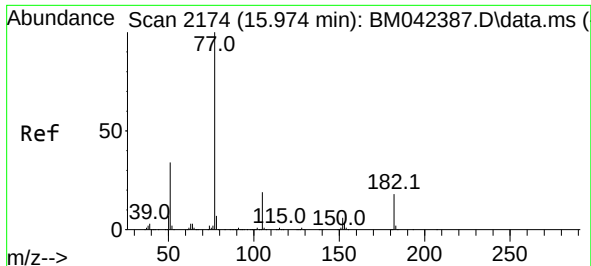
Tgt Ion:204 Resp: 521855
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 54.5 49.1 73.7



#62
4-Nitroaniline
Concen: 41.783 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:138 Resp: 230738
Ion Ratio Lower Upper
138 100
92 55.0 40.4 80.4
108 83.0 65.3 105.3

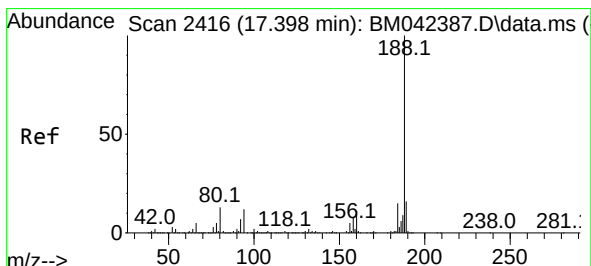
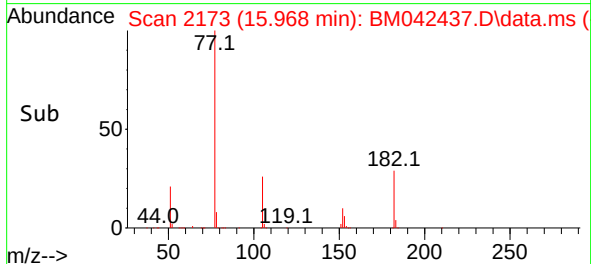
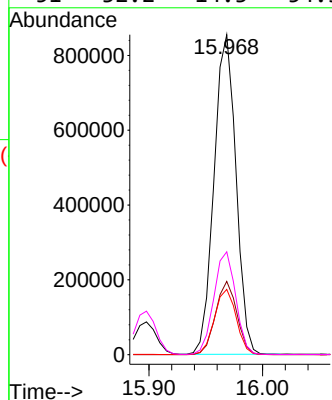
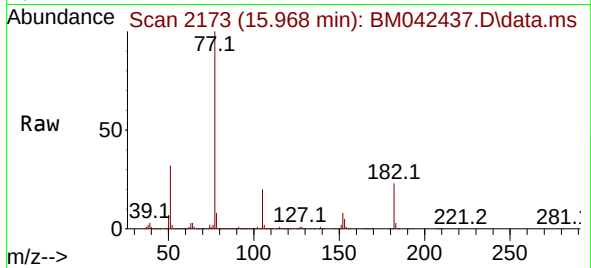




#63
Azobenzene
Concen: 44.488 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

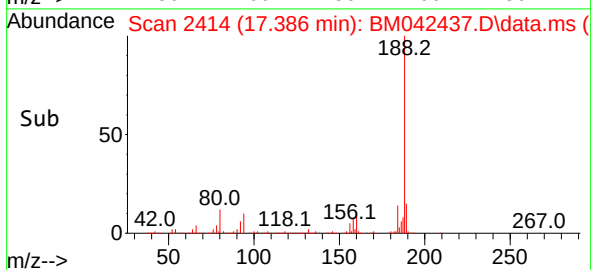
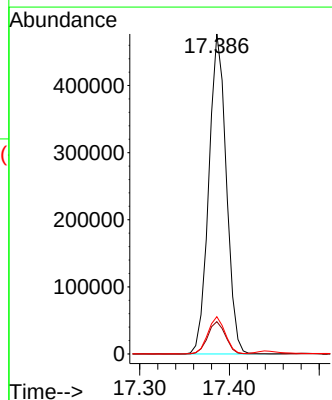
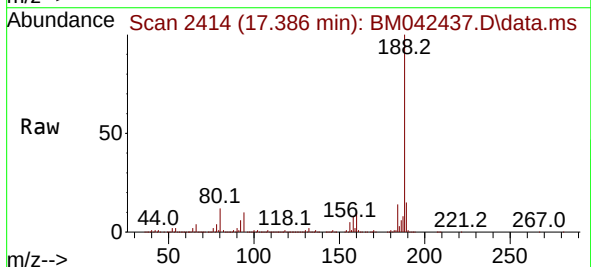
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

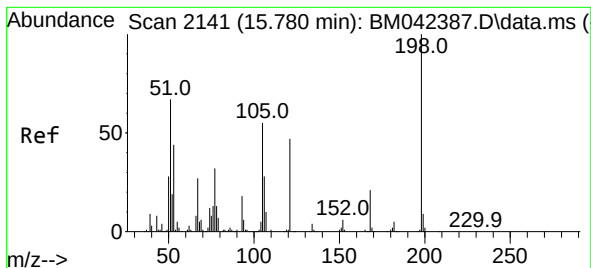
Tgt Ion: 77 Resp: 1146886
Ion Ratio Lower Upper
77 100
182 22.9 0.0 37.7
105 20.4 0.0 38.9
51 32.2 14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:188 Resp: 646159
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.0
80 11.7 10.7 16.1

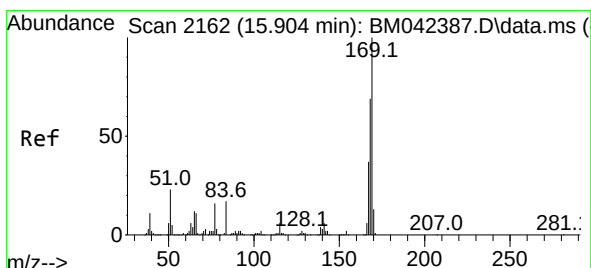
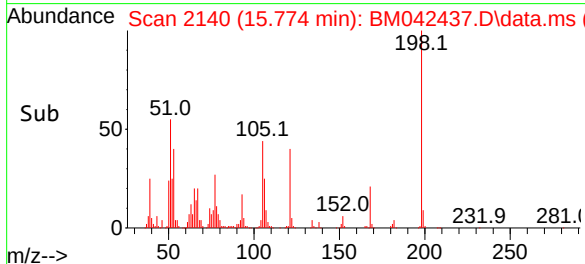
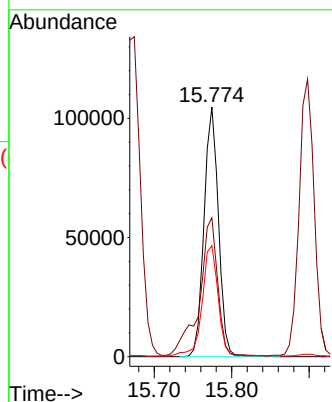
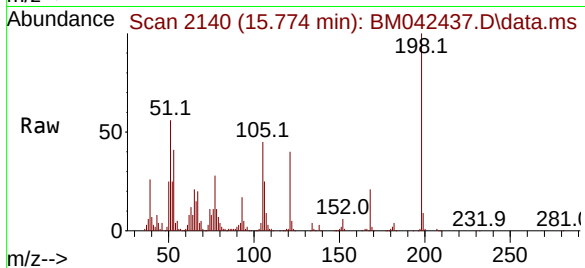




#65
4,6-Dinitro-2-methylphenol
Concen: 34.644 ng
RT: 15.774 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

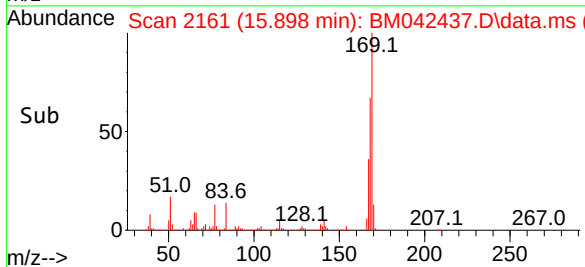
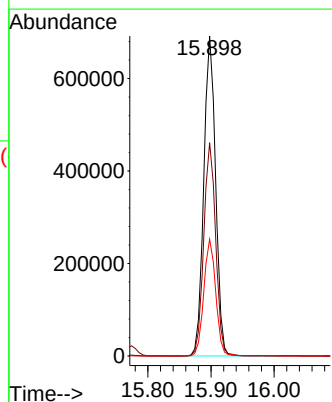
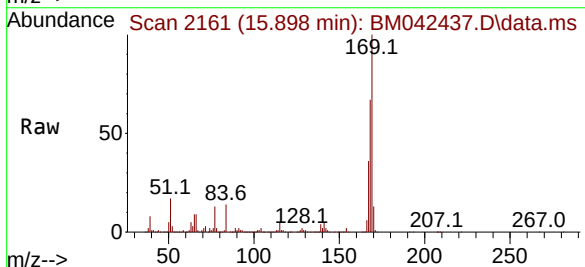
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

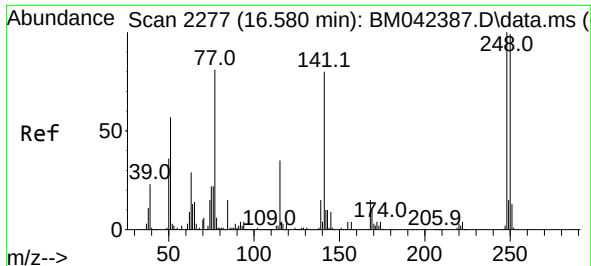
Tgt Ion:198 Resp: 134986
Ion Ratio Lower Upper
198 100
51 55.7 54.1 94.1
105 44.5 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 46.132 ng
RT: 15.898 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:169 Resp: 897826
Ion Ratio Lower Upper
169 100
168 66.6 55.4 83.2
167 36.4 29.9 44.9





#67

4-Bromophenyl-phenylether

Concen: 53.074 ng

RT: 16.568 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

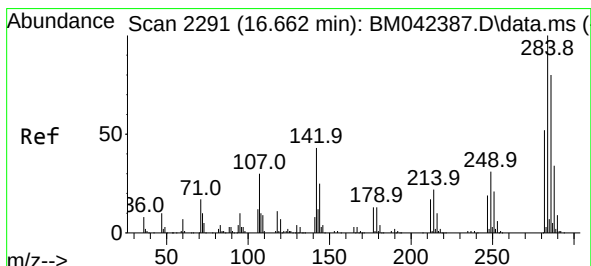
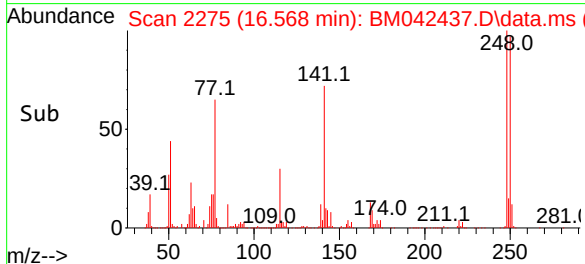
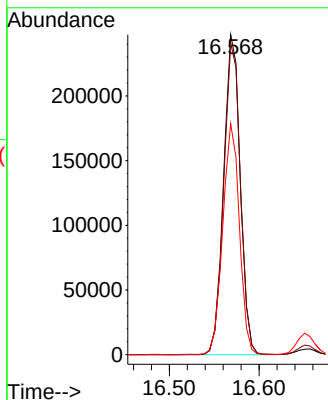
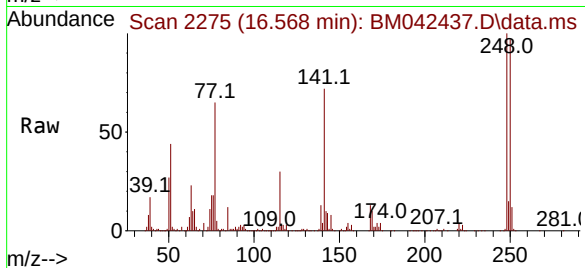
Tgt Ion:248 Resp: 317846

Ion Ratio Lower Upper

248 100

250 97.3 79.4 119.2

141 72.1 64.3 96.5



#68

Hexachlorobenzene

Concen: 56.869 ng

RT: 16.651 min Scan# 2289

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

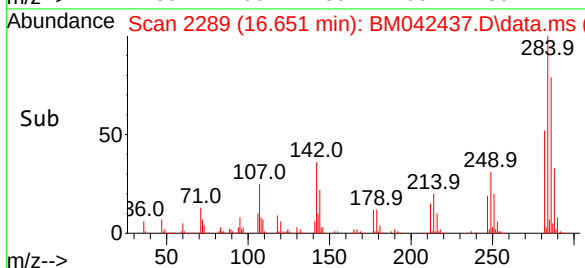
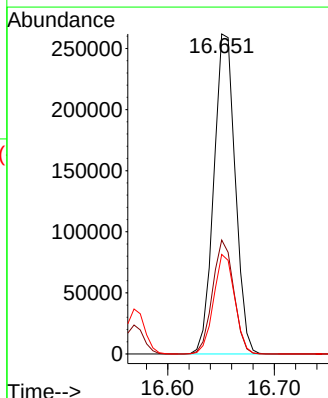
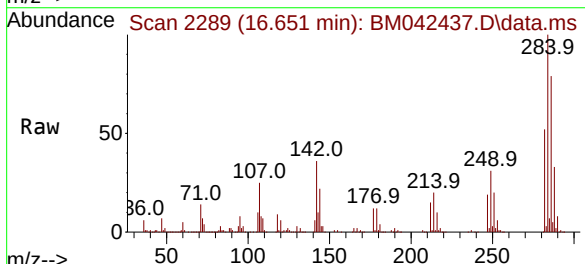
Tgt Ion:284 Resp: 364038

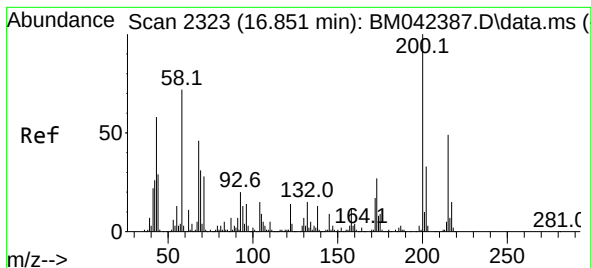
Ion Ratio Lower Upper

284 100

142 35.6 34.2 51.2

249 31.1 24.7 37.1





#69

Atrazine

Concen: 66.740 ng

RT: 16.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

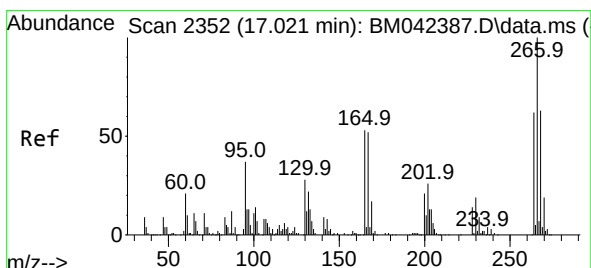
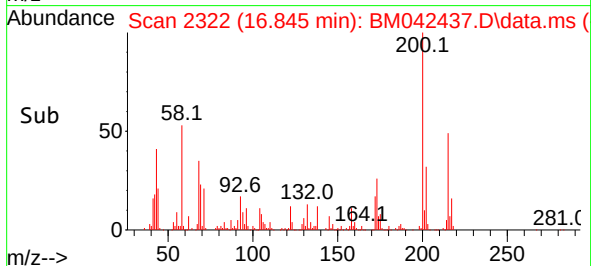
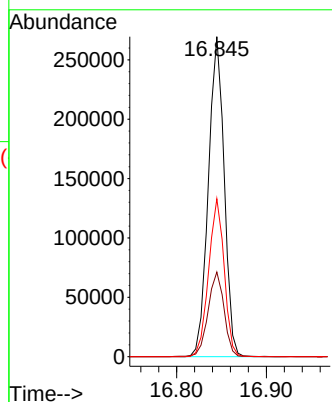
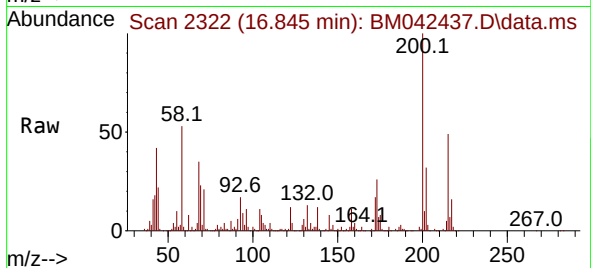
Tgt Ion:200 Resp: 329391

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

215 49.4 28.6 68.6



#70

Pentachlorophenol

Concen: 100.008 ng

RT: 17.015 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

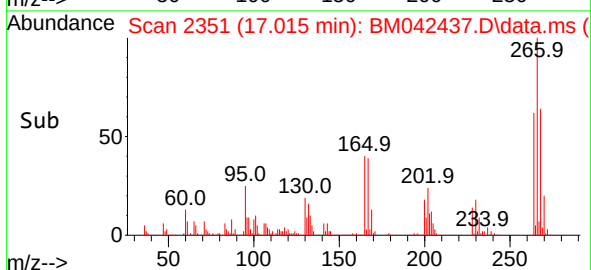
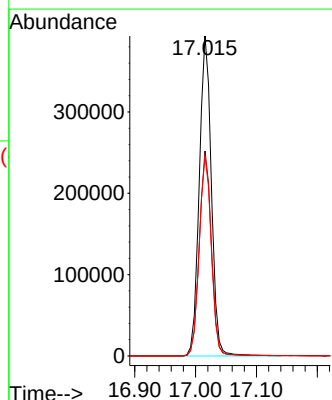
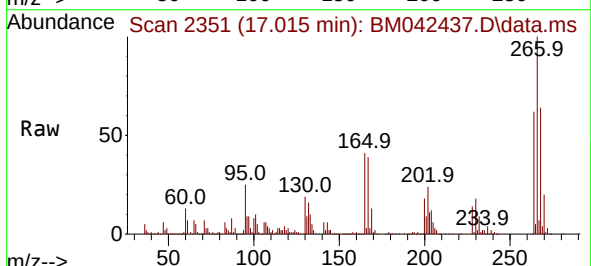
Tgt Ion:266 Resp: 543091

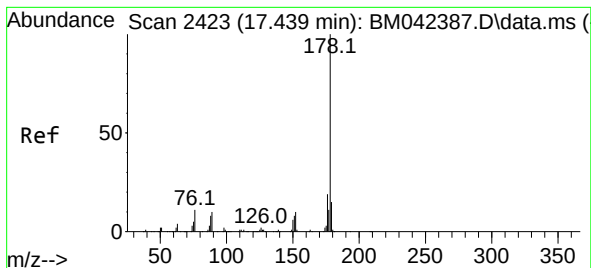
Ion Ratio Lower Upper

266 100

268 64.0 50.6 76.0

264 62.4 49.4 74.0





#71

Phenanthrene

Concen: 47.043 ng

RT: 17.427 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

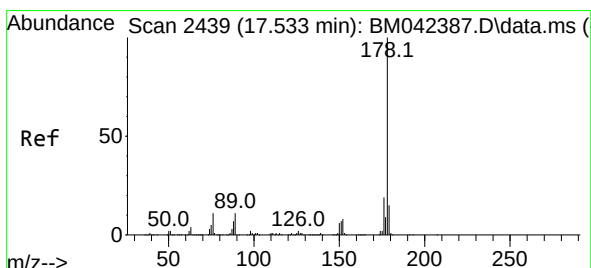
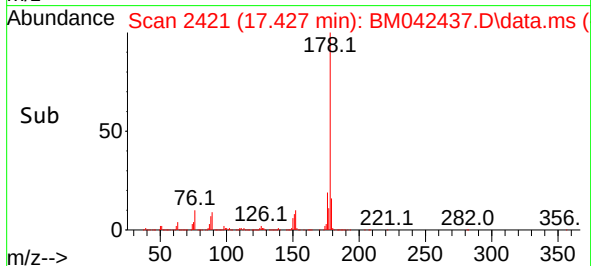
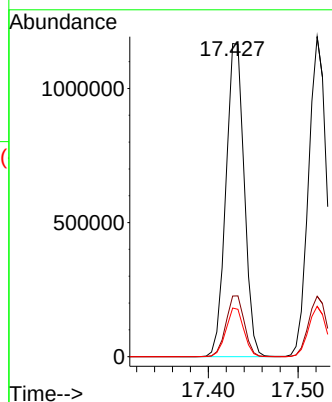
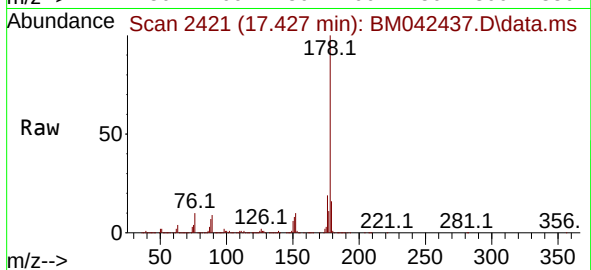
Tgt Ion:178 Resp: 1653634

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.6 12.3 18.5



#72

Anthracene

Concen: 47.841 ng

RT: 17.521 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

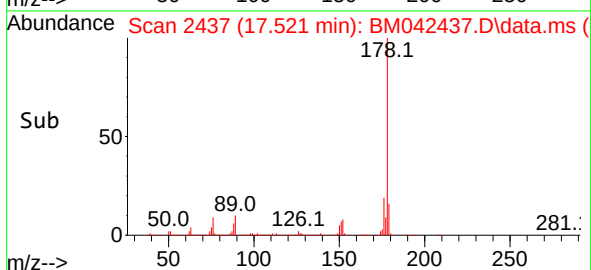
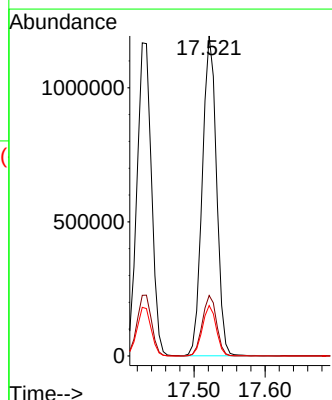
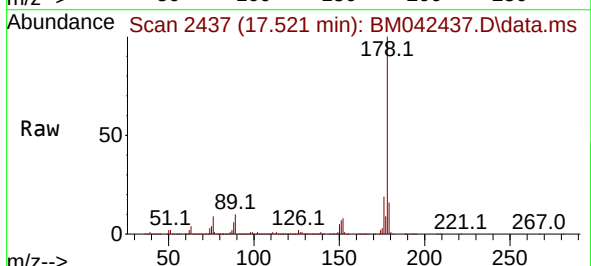
Tgt Ion:178 Resp: 1665490

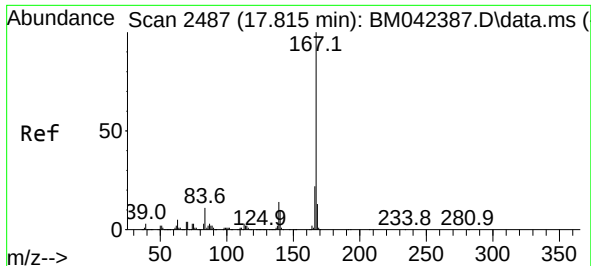
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.7 12.1 18.1

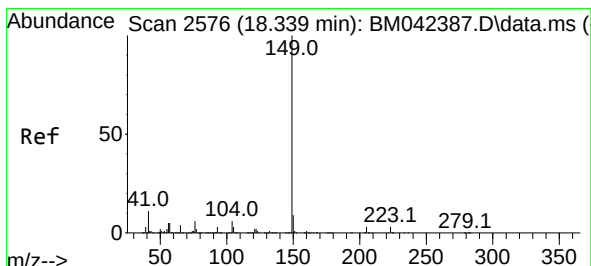
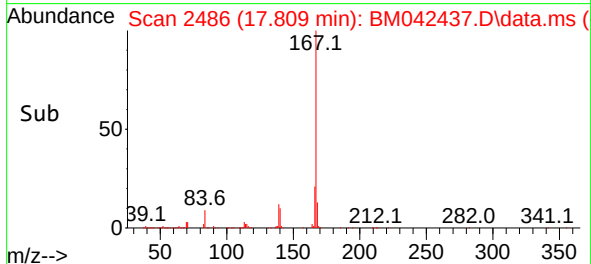
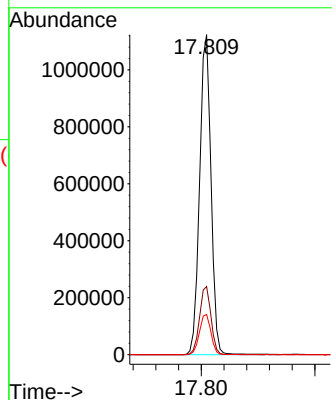
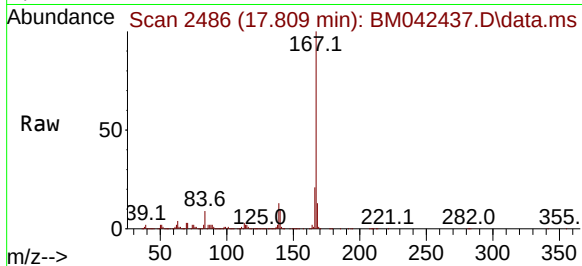




#73
Carbazole
Concen: 47.930 ng
RT: 17.809 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

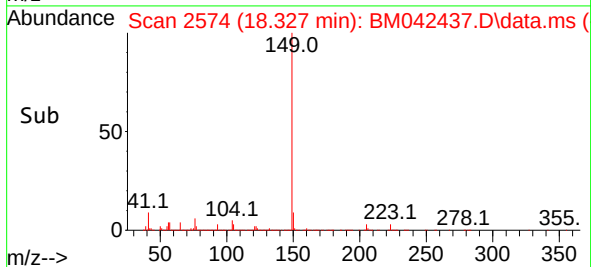
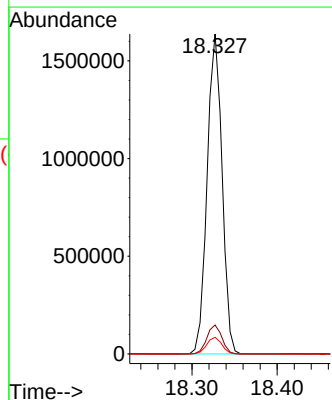
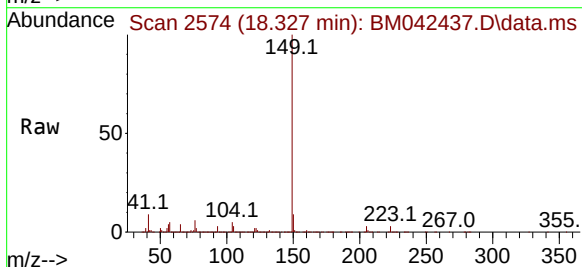
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

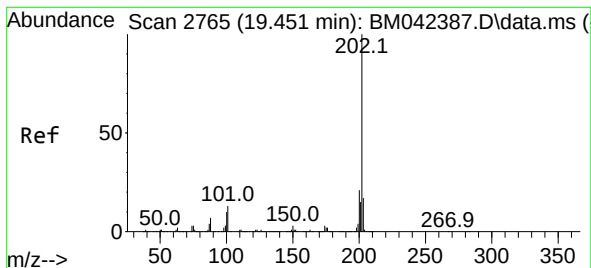
Tgt Ion:167 Resp: 1565351
Ion Ratio Lower Upper
167 100
166 21.3 17.4 26.0
139 12.6 10.9 16.3



#74
Di-n-butylphthalate
Concen: 48.133 ng
RT: 18.327 min Scan# 2574
Delta R.T. -0.012 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:149 Resp: 1990904
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.2 4.6 7.0





#75

Fluoranthene

Concen: 52.127 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

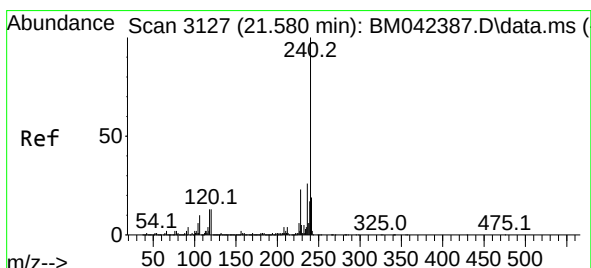
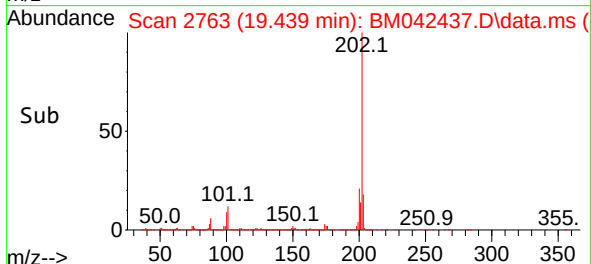
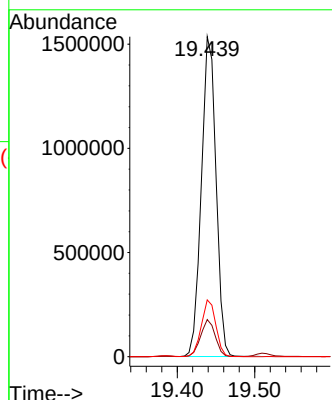
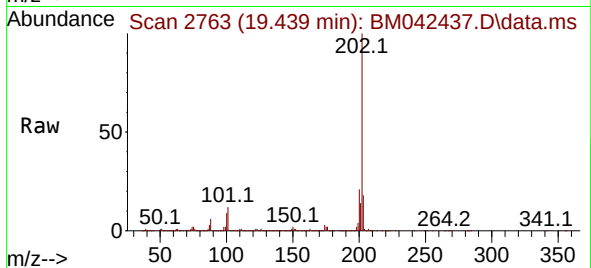
Tgt Ion:202 Resp: 2018039

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.3

203 17.7 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: BM042437.D

Acq: 25 Oct 2023 14:46

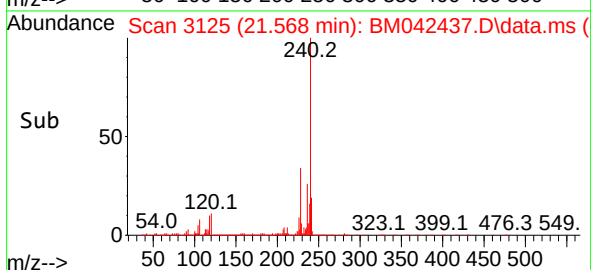
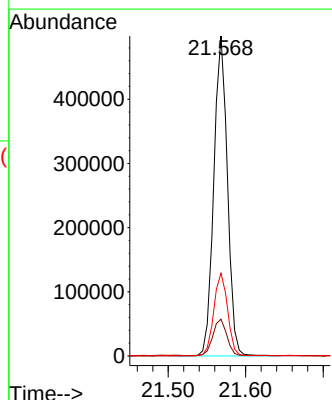
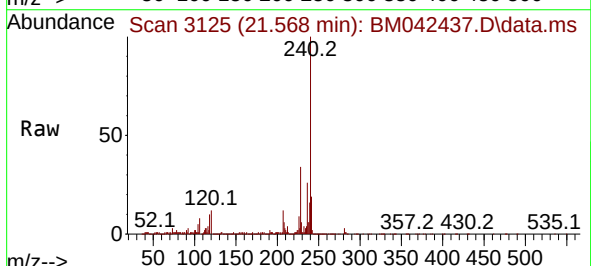
Tgt Ion:240 Resp: 608525

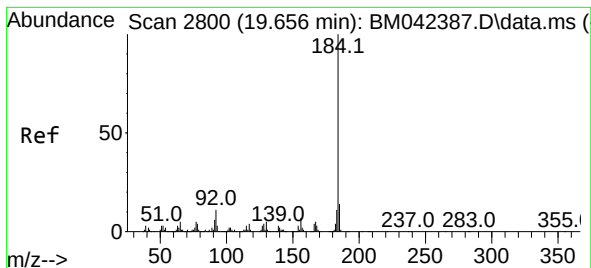
Ion Ratio Lower Upper

240 100

120 11.5 10.7 16.1

236 25.9 20.7 31.1





#77

Benzidine

Concen: 124.138 ng

RT: 19.650 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

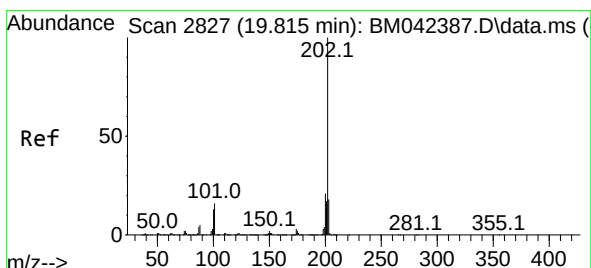
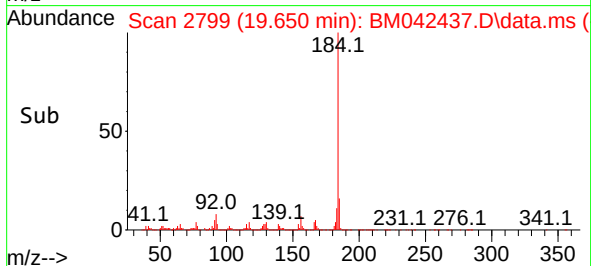
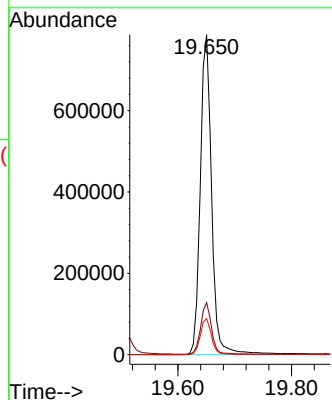
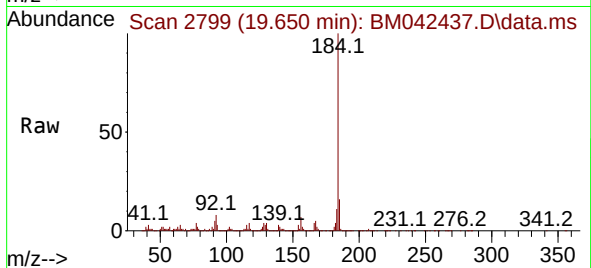
Tgt Ion:184 Resp: 1092646

Ion Ratio Lower Upper

184 100

185 16.3 11.5 17.3

183 11.2 9.2 13.8



#78

Pyrene

Concen: 49.174 ng

RT: 19.809 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

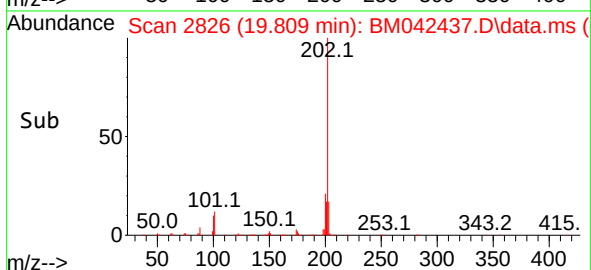
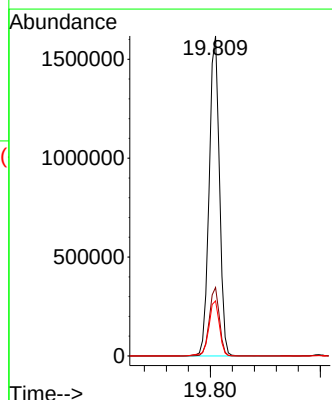
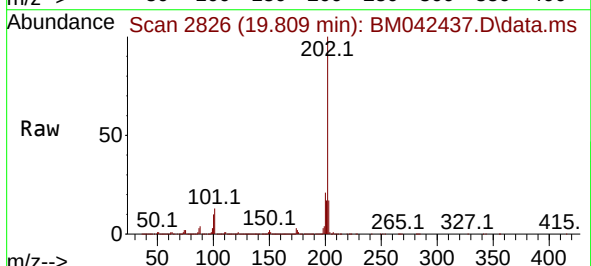
Tgt Ion:202 Resp: 2091030

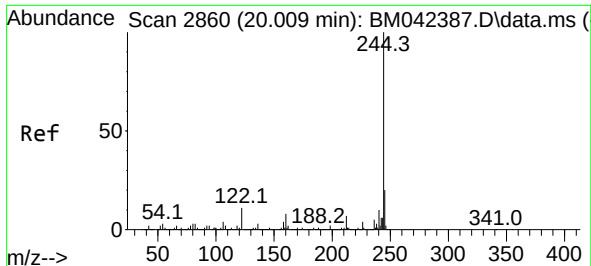
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.2 14.1 21.1

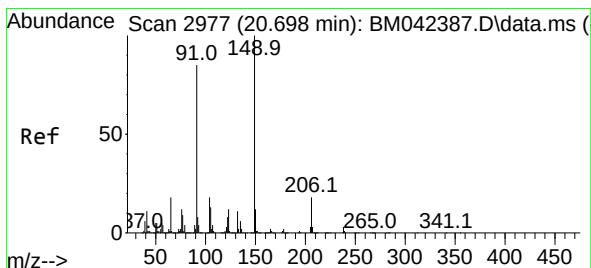
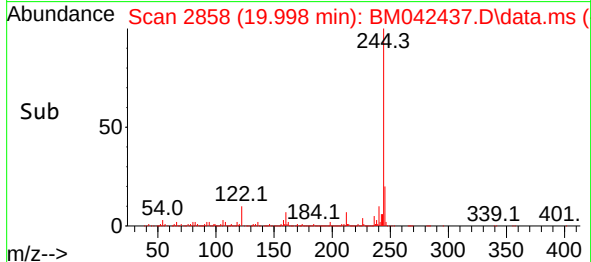
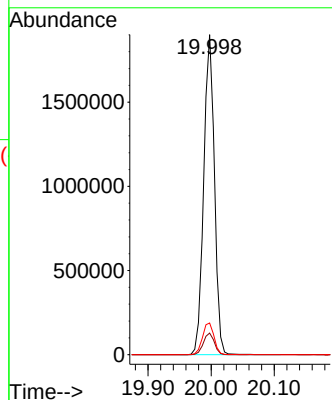
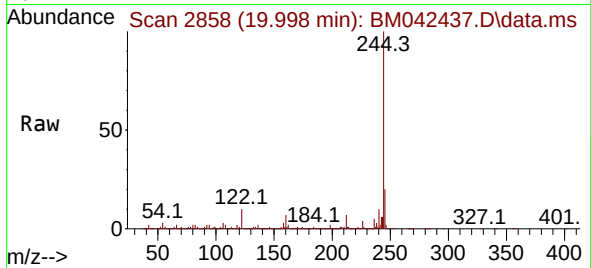




#79
 Terphenyl-d14
 Concen: 65.263 ng
 RT: 19.998 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BM042437.D
 Acq: 25 Oct 2023 14:46

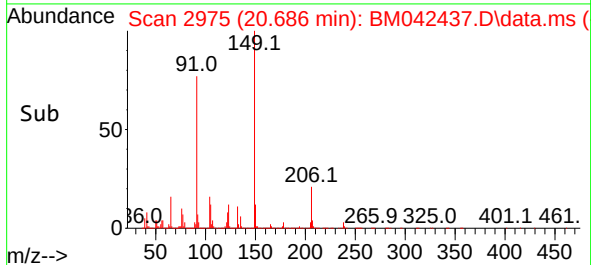
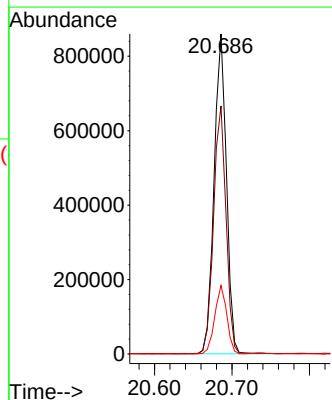
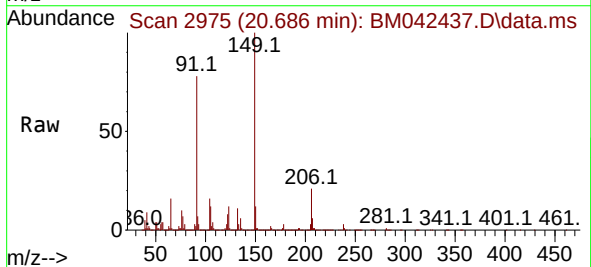
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B5-COMP-101723MS

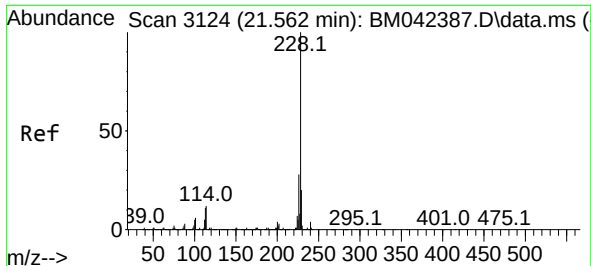
Tgt Ion:244 Resp: 2239331
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 49.223 ng
 RT: 20.686 min Scan# 2975
 Delta R.T. -0.012 min
 Lab File: BM042437.D
 Acq: 25 Oct 2023 14:46

Tgt Ion:149 Resp: 950516
 Ion Ratio Lower Upper
 149 100
 91 77.5 68.3 102.5
 206 21.4 14.6 22.0

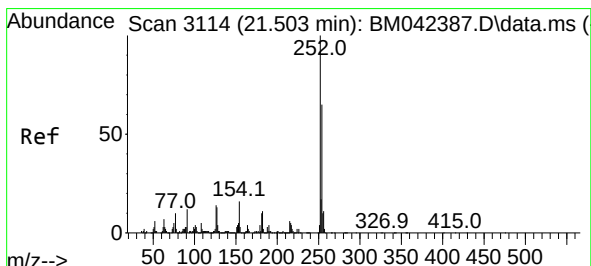
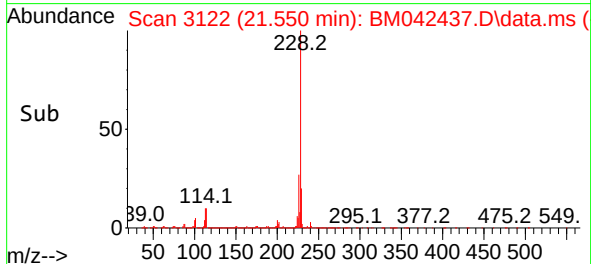
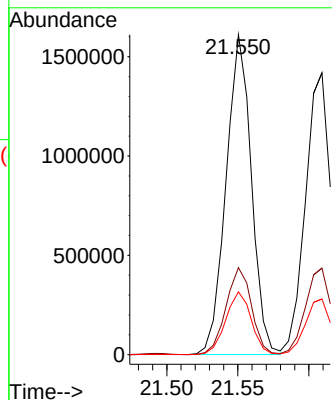
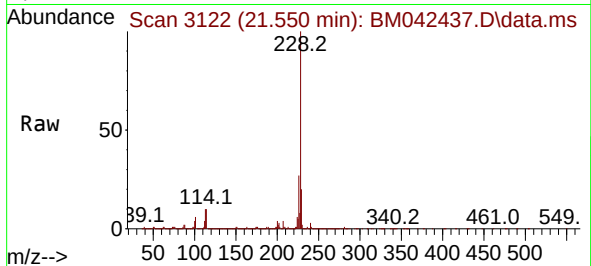




#81
Benzo(a)anthracene
Concen: 48.978 ng
RT: 21.550 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

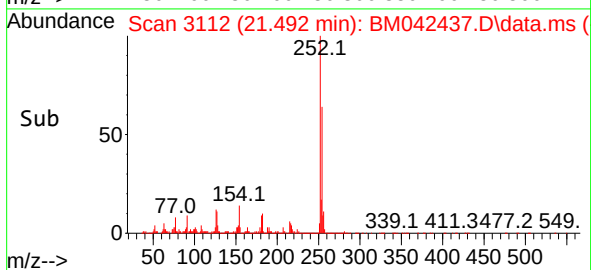
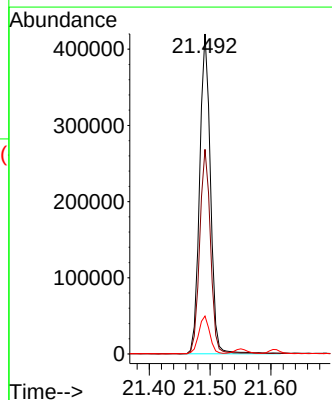
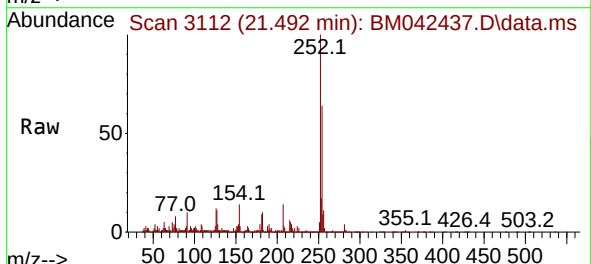
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

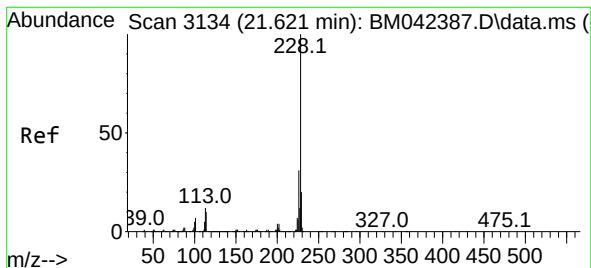
Tgt Ion:228 Resp: 1998007
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 42.646 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.011 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:252 Resp: 519333
Ion Ratio Lower Upper
252 100
254 63.9 52.2 78.2
126 11.8 11.4 17.2





#83

Chrysene

Concen: 45.674 ng

RT: 21.609 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

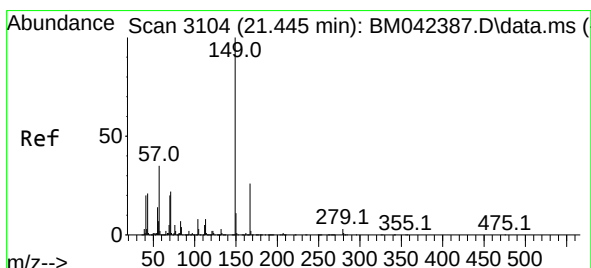
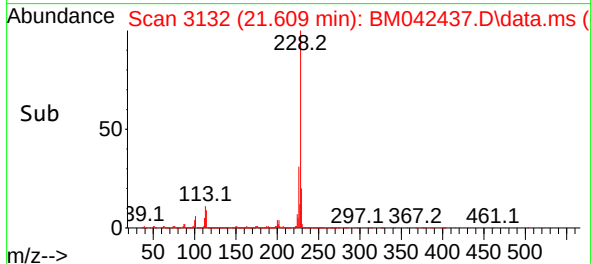
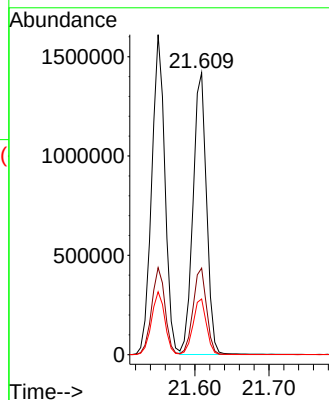
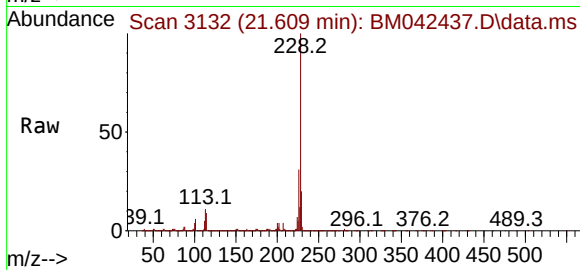
Tgt Ion:228 Resp: 1789574

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.930 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

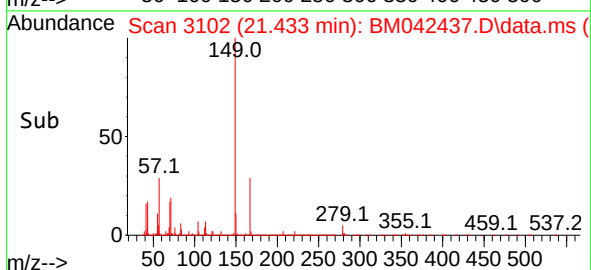
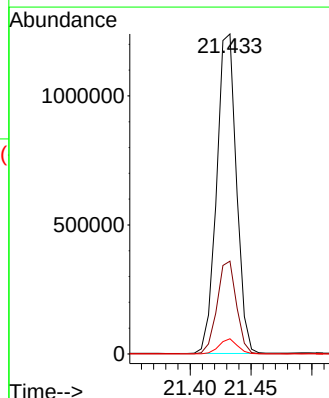
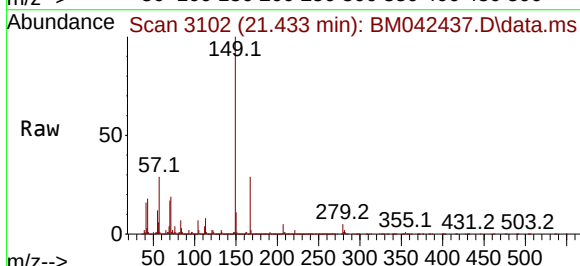
Tgt Ion:149 Resp: 1401678

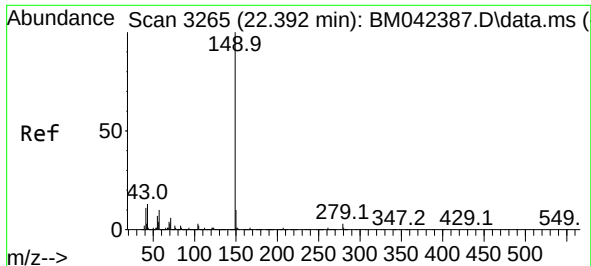
Ion Ratio Lower Upper

149 100

167 29.0 20.9 31.3

279 4.7 2.7 4.1#

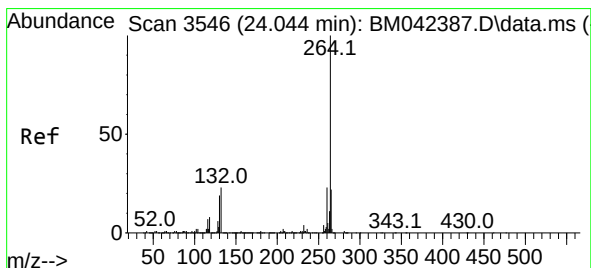
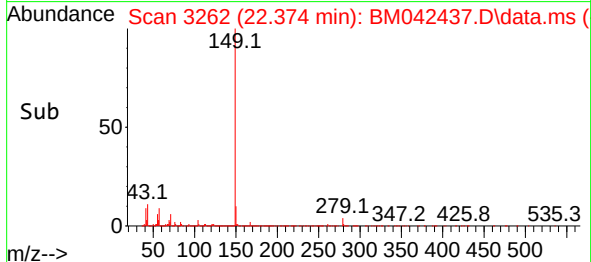
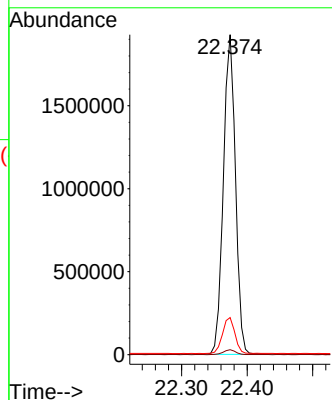
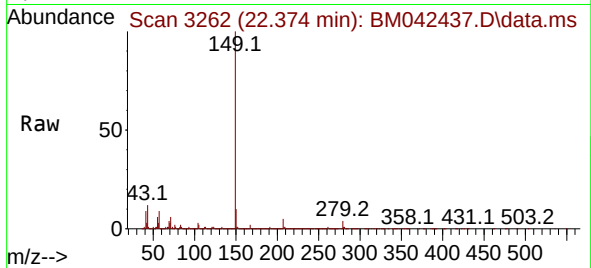




#85
Di-n-octyl phthalate
Concen: 51.491 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

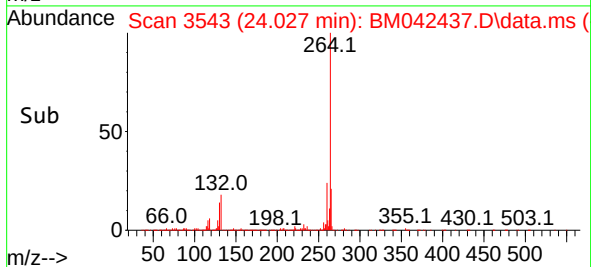
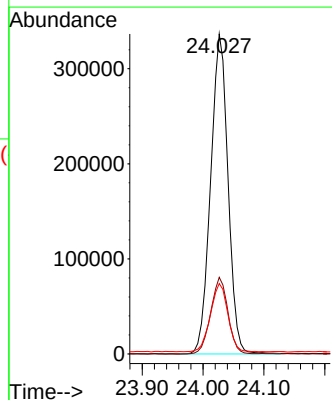
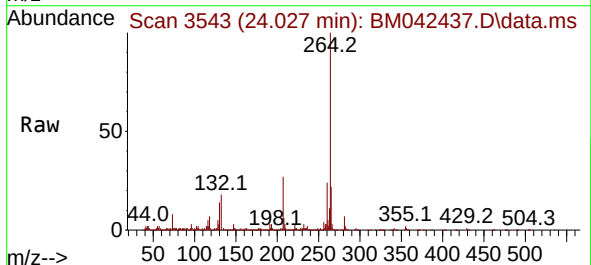
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

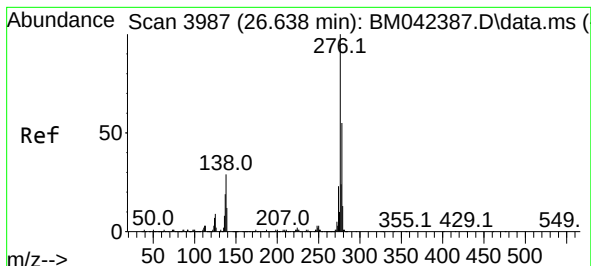
Tgt Ion:149 Resp: 2447742
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3543
Delta R.T. -0.018 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:264 Resp: 667781
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 22.0 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.300 ng

RT: 26.615 min Scan# 3983

Delta R.T. -0.024 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

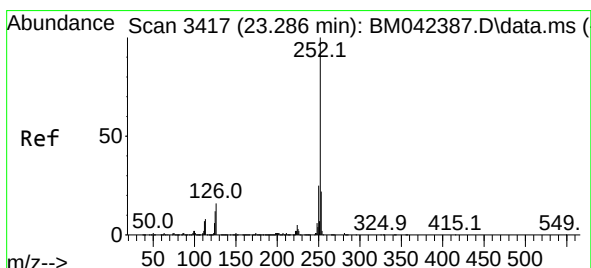
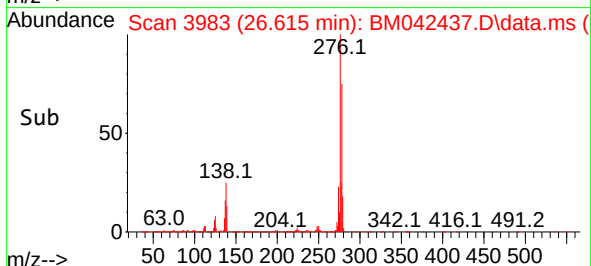
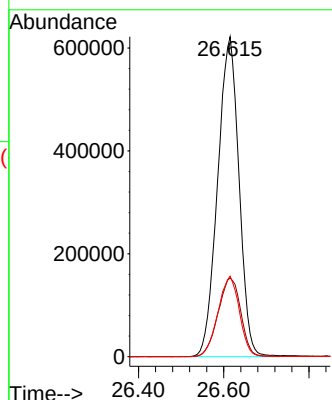
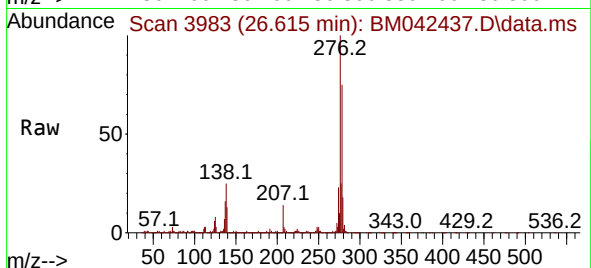
Tgt Ion:276 Resp: 2161884

Ion Ratio Lower Upper

276 100

138 26.1 25.6 38.4

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 48.090 ng

RT: 23.268 min Scan# 3414

Delta R.T. -0.018 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

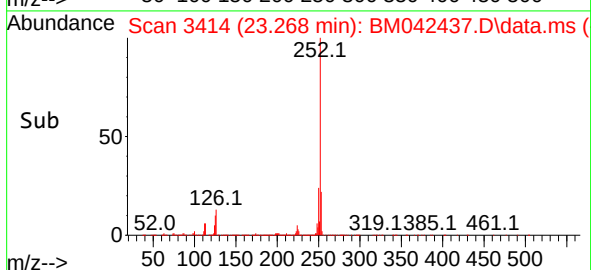
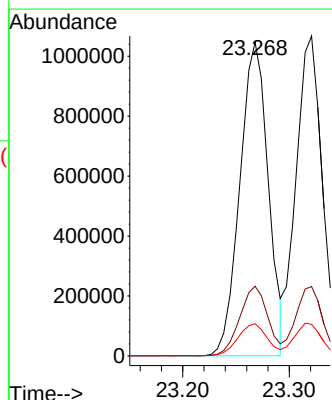
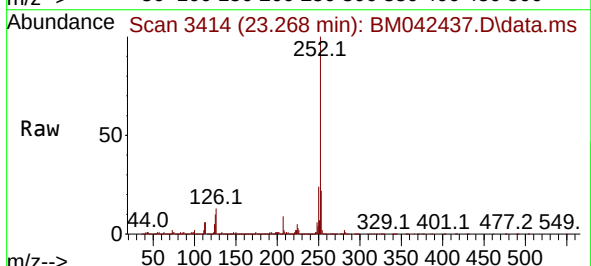
Tgt Ion:252 Resp: 1932983

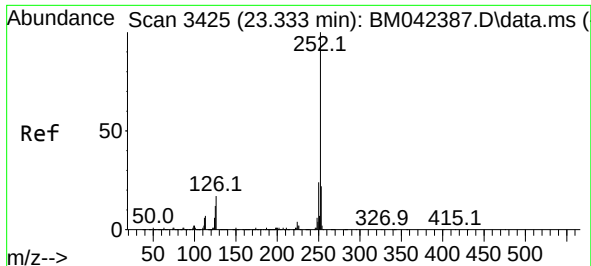
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 10.3 9.8 14.8

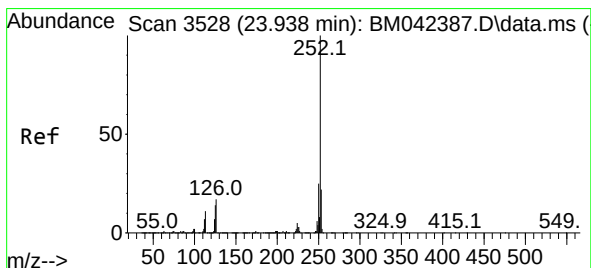
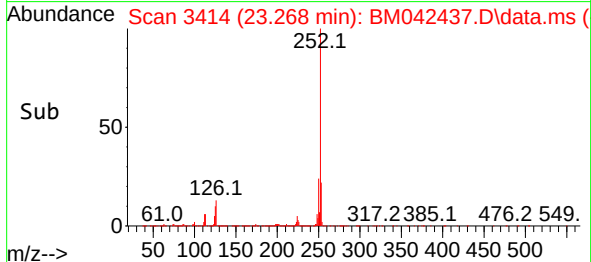
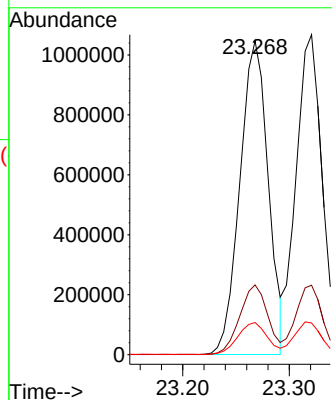
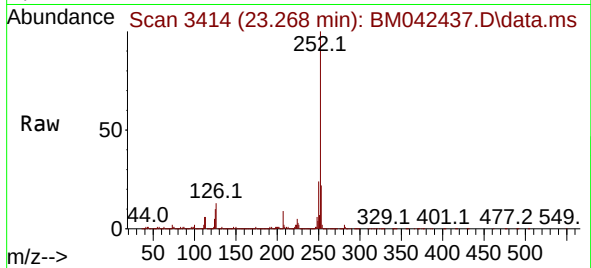




#89
Benzo(k)fluoranthene
Concen: 46.319 ng
RT: 23.268 min Scan# 34
Delta R.T. -0.065 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

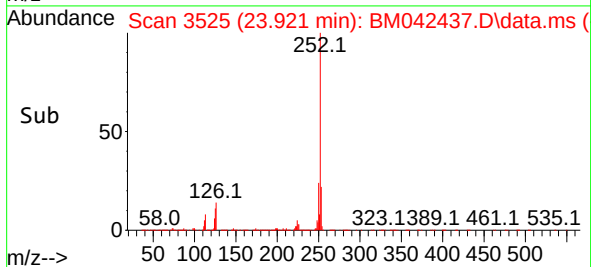
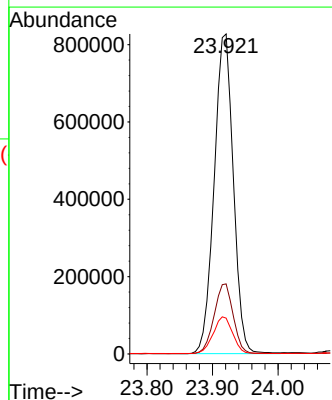
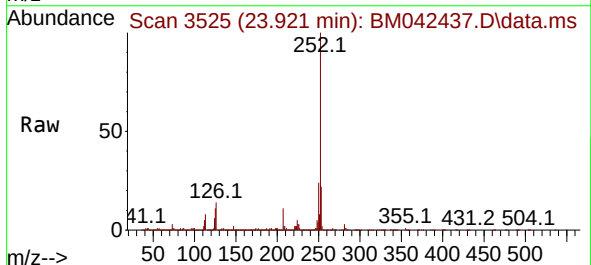
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

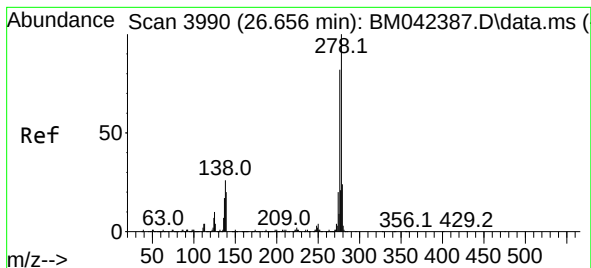
Tgt Ion:252 Resp: 1932983
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.3 10.2 15.2



#90
Benzo(a)pyrene
Concen: 43.313 ng
RT: 23.921 min Scan# 3525
Delta R.T. -0.018 min
Lab File: BM042437.D
Acq: 25 Oct 2023 14:46

Tgt Ion:252 Resp: 1675705
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.2 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 44.562 ng

RT: 26.632 min Scan# 3990

Delta R.T. -0.024 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723MS

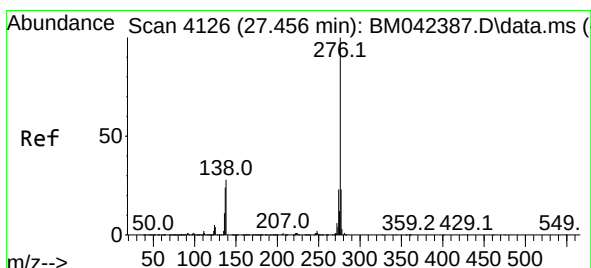
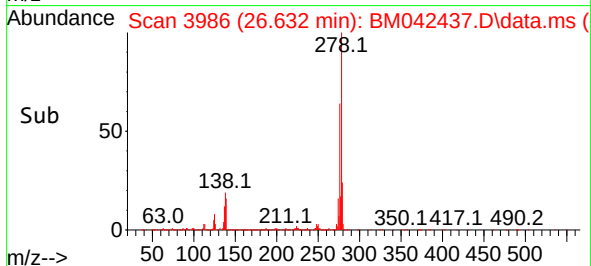
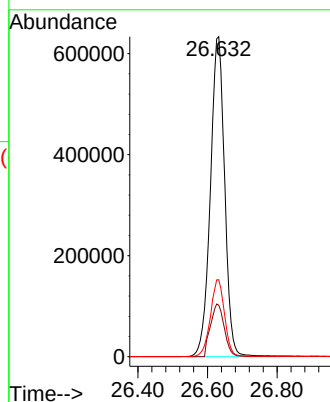
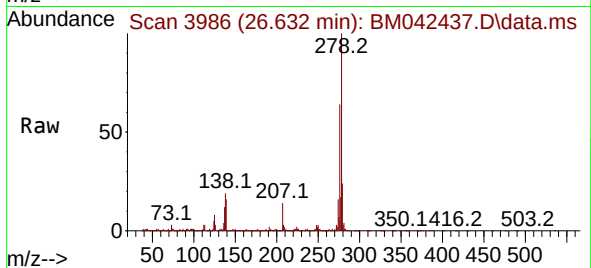
Tgt Ion:278 Resp: 1808078

Ion Ratio Lower Upper

278 100

139 16.1 15.6 23.4

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 43.485 ng

RT: 27.421 min Scan# 4120

Delta R.T. -0.035 min

Lab File: BM042437.D

Acq: 25 Oct 2023 14:46

Tgt Ion:276 Resp: 1713498

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 22.5 22.6 34.0#

