

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042455.D
 Acq On : 26 Oct 2023 16:36
 Operator : MA/JU
 Sample : PB156601BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156601BS

Quant Time: Oct 26 17:17:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	134691	20.000	ng	0.00
21) Naphthalene-d8	10.822	136	531083	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	297714	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	586030	20.000	ng	0.00
76) Chrysene-d12	21.574	240	444274	20.000	ng	0.00
86) Perylene-d12	24.038	264	466755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1215378	127.530	ng	0.00
7) Phenol-d6	7.157	99	1546312	121.075	ng	0.00
23) Nitrobenzene-d5	9.198	82	1016371	84.626	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	541806	162.316	ng	0.00
45) 2-Fluorobiphenyl	13.269	172	2026268	91.652	ng	0.00
79) Terphenyl-d14	20.003	244	2779539	110.956	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	134029	29.867	ng	96
3) Pyridine	3.816	79	361647	27.468	ng	95
4) n-Nitrosodimethylamine	3.740	42	229102	34.464	ng	91
6) Aniline	7.339	93	481615	29.618	ng	97
8) 2-Chlorophenol	7.557	128	421257	44.547	ng	94
9) Benzaldehyde	7.157	77	73759	9.916	ng	99
10) Phenol	7.181	94	539878	40.910	ng	98
11) bis(2-Chloroethyl)ether	7.434	93	430799	39.761	ng	97
12) 1,3-Dichlorobenzene	7.881	146	445970	45.595	ng	96
13) 1,4-Dichlorobenzene	8.039	146	456858	46.401	ng	97
14) 1,2-Dichlorobenzene	8.345	146	436721	46.193	ng	98
15) Benzyl Alcohol	8.257	79	393495	41.563	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.528	45	676127	39.438	ng	99
17) 2-Methylphenol	8.439	107	354375	40.693	ng	98
18) Hexachloroethane	9.063	117	180638	47.657	ng	# 90
19) n-Nitroso-di-n-propyla...	8.816	70	350627	40.506	ng	98
20) 3+4-Methylphenols	8.775	107	471009	40.324	ng	98
22) Acetophenone	8.851	105	633734	43.740	ng	# 95
24) Nitrobenzene	9.245	77	512294	42.636	ng	97
25) Isophorone	9.751	82	929285	45.530	ng	98
26) 2-Nitrophenol	9.945	139	227270	49.080	ng	94
27) 2,4-Dimethylphenol	9.980	122	356551	43.067	ng	97
28) bis(2-Chloroethoxy)met...	10.239	93	566636	43.819	ng	98
29) 2,4-Dichlorophenol	10.463	162	388005	53.892	ng	96
30) 1,2,4-Trichlorobenzene	10.675	180	414452	53.697	ng	97
31) Naphthalene	10.875	128	1271577	46.614	ng	100
32) Benzoic acid	10.128	122	298771	49.192	ng	98
33) 4-Chloroaniline	11.010	127	291078	24.577	ng	98
34) Hexachlorobutadiene	11.098	225	254781	61.002	ng	99
35) Caprolactam	11.839	113	122053	43.361	ng	89
36) 4-Chloro-3-methylphenol	12.104	107	412814	47.514	ng	97
37) 2-Methylnaphthalene	12.474	142	838873	45.683	ng	98
38) 1-Methylnaphthalene	12.692	142	813891	47.311	ng	99
40) 1,2,4,5-Tetrachloroben...	12.827	216	453957	52.744	ng	97
41) Hexachlorocyclopentadiene	12.769	237	431957	91.844	ng	99
43) 2,4,6-Trichlorophenol	13.080	196	299559	53.766	ng	97

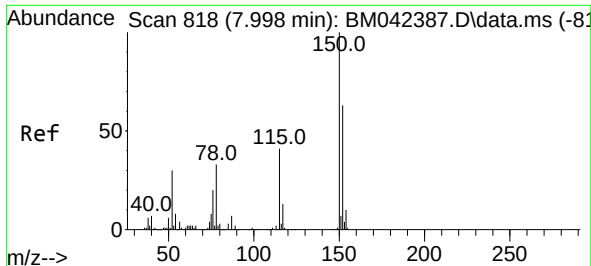
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.151	196	324929	49.334	ng	# 93
46) 1,1'-Biphenyl	13.480	154	1082851	45.849	ng	98
47) 2-Chloronaphthalene	13.533	162	826665	47.709	ng	98
48) 2-Nitroaniline	13.763	65	291151	38.788	ng	91
49) Acenaphthylene	14.374	152	1363206	48.732	ng	100
50) Dimethylphthalate	14.110	163	1012946	46.386	ng	99
51) 2,6-Dinitrotoluene	14.251	165	220356	44.890	ng	85
52) Acenaphthene	14.710	154	777765	45.988	ng	99
53) 3-Nitroaniline	14.592	138	181214	32.151	ng	96
54) 2,4-Dinitrophenol	14.798	184	287020	92.547	ng	90
55) Dibenzofuran	15.045	168	1238334	46.294	ng	98
56) 4-Nitrophenol	14.880	139	397872	89.458	ng	93
57) 2,4-Dinitrotoluene	15.033	165	289801	44.288	ng	86
58) Fluorene	15.692	166	987415	46.779	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.257	232	278760	56.340	ng	89
60) Diethylphthalate	15.451	149	992442	46.053	ng	97
61) 4-Chlorophenyl-phenyle...	15.680	204	506013	50.904	ng	93
62) 4-Nitroaniline	15.751	138	213886	38.906	ng	97
63) Azobenzene	15.974	77	1089471	42.138	ng	95
65) 4,6-Dinitro-2-methylph...	15.786	198	166466	44.918	ng	# 79
66) n-Nitrosodiphenylamine	15.904	169	849076	48.103	ng	98
67) 4-Bromophenyl-phenylether	16.574	248	303249	55.832	ng	95
68) Hexachlorobenzene	16.662	284	348251	59.984	ng	# 91
69) Atrazine	16.851	200	295643	66.048	ng	99
70) Pentachlorophenol	17.021	266	465521	94.848	ng	99
71) Phenanthrene	17.439	178	1499425	47.033	ng	100
72) Anthracene	17.527	178	1506989	47.729	ng	99
73) Carbazole	17.815	167	1369594	46.239	ng	99
74) Di-n-butylphthalate	18.333	149	1729876	46.231	ng	99
75) Fluoranthene	19.445	202	1697712	48.353	ng	98
77) Benzidine	19.656	184	537888	83.704	ng	99
78) Pyrene	19.815	202	1743824	56.170	ng	100
80) Butylbenzylphthalate	20.692	149	741708	52.386	ng	89
81) Benzo(a)anthracene	21.556	228	1471418	49.404	ng	99
82) 3,3'-Dichlorobenzidine	21.497	252	505661	56.874	ng	# 97
83) Chrysene	21.615	228	1341702	46.903	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1032185	51.341	ng	97
85) Di-n-octyl phthalate	22.380	149	1711267	49.486	ng	95
87) Indeno(1,2,3-cd)pyrene	26.632	276	1676389	49.146	ng	94
88) Benzo(b)fluoranthene	23.274	252	1407038	50.081	ng	98
89) Benzo(k)fluoranthene	23.327	252	1284785	44.046	ng	98
90) Benzo(a)pyrene	23.927	252	1213183	44.863	ng	98
91) Dibenzo(a,h)anthracene	26.650	278	1395024	49.190	ng	97
92) Benzo(g,h,i)perylene	27.444	276	1376850	49.991	ng	# 93

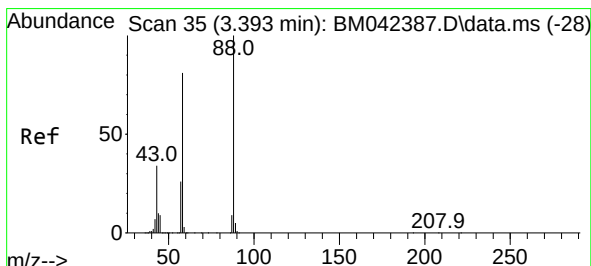
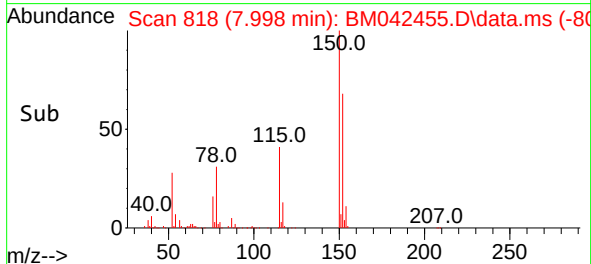
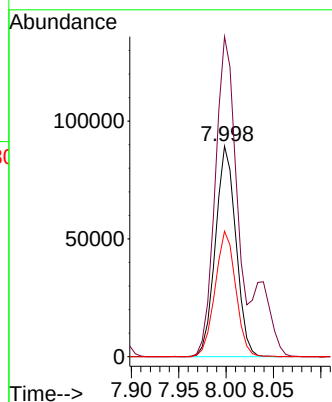
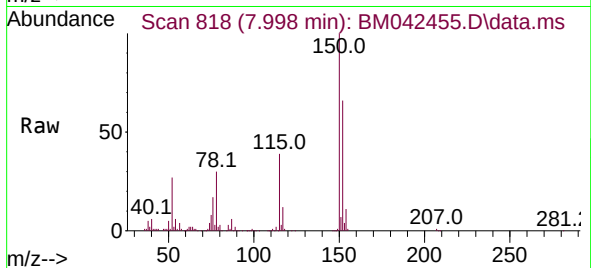
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.998 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM042455.D
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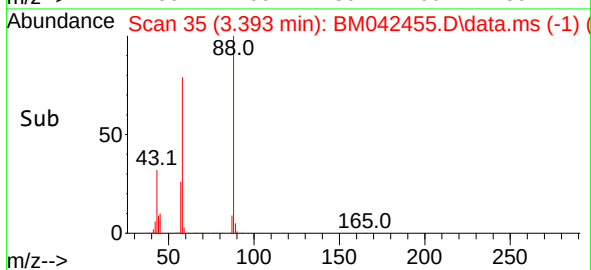
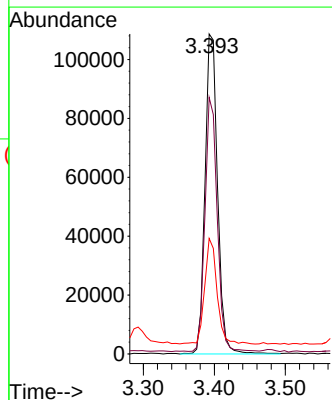
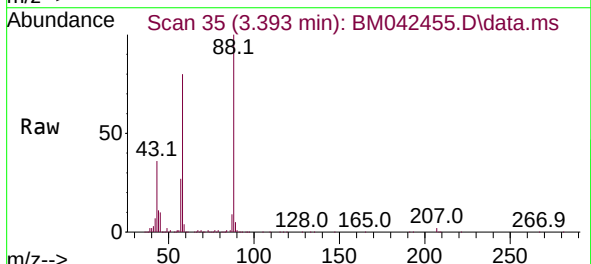
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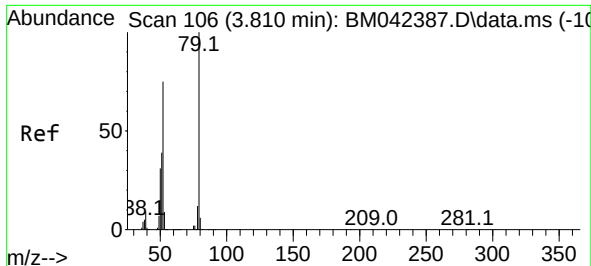
Tgt Ion:152 Resp: 134691
 Ion Ratio Lower Upper
 152 100
 150 152.0 126.2 189.4
 115 59.6 51.9 77.9



#2
 1,4-Dioxane
 Concen: 29.867 ng
 RT: 3.393 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: BM042455.D
 Acq: 26 Oct 2023 16:36

Tgt Ion: 88 Resp: 134029
 Ion Ratio Lower Upper
 88 100
 58 77.2 64.9 97.3
 43 32.6 27.8 41.8

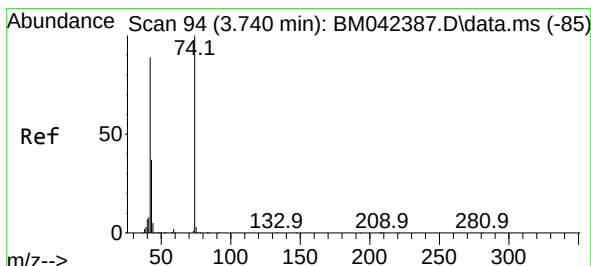
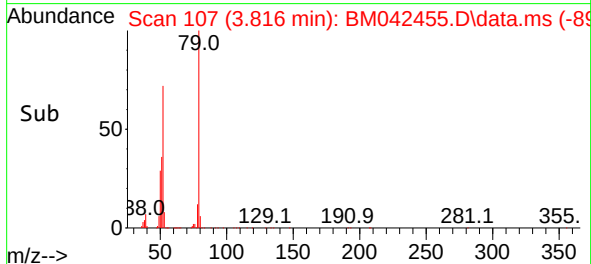
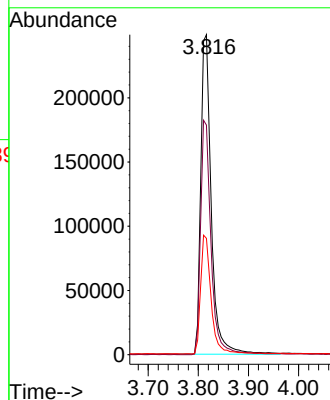
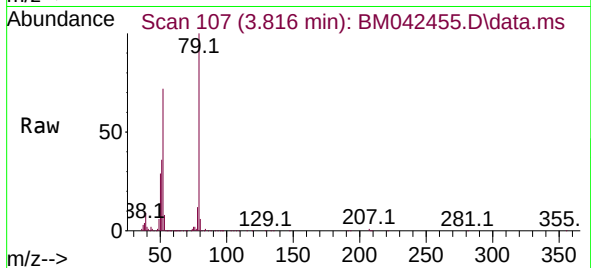




#3
Pyridine
Concen: 27.468 ng
RT: 3.816 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

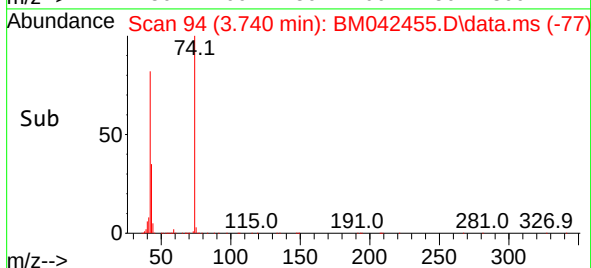
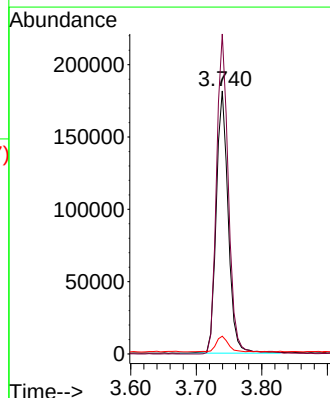
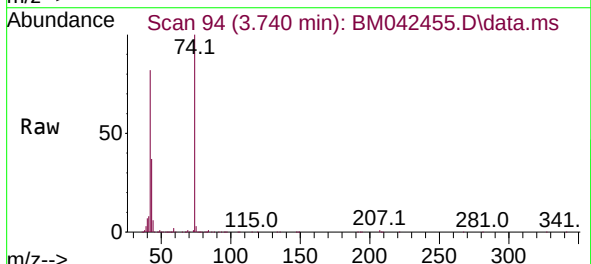
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ClientSampleId :
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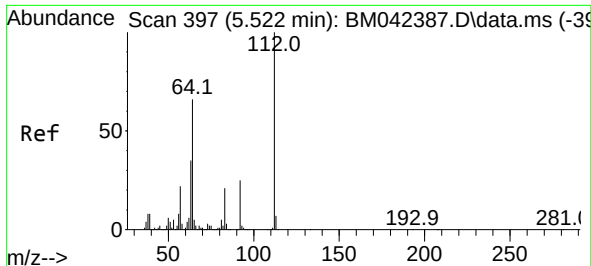
Tgt Ion: 79 Resp: 361647
Ion Ratio Lower Upper
79 100
52 71.8 60.3 90.5
51 36.4 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 34.464 ng
RT: 3.740 min Scan# 94
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion: 42 Resp: 229102
Ion Ratio Lower Upper
42 100
74 121.6 89.4 134.2
44 6.7 5.4 8.0

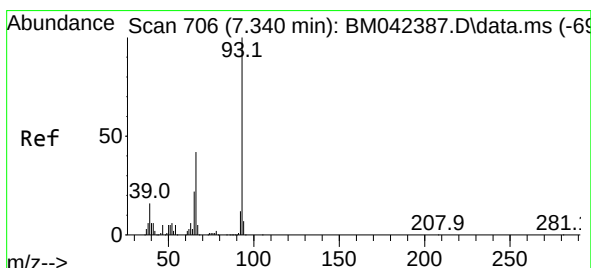
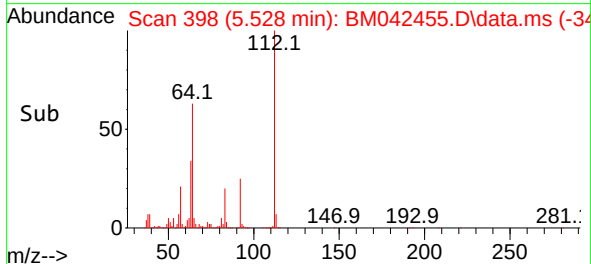
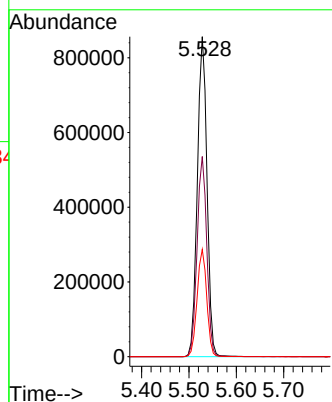
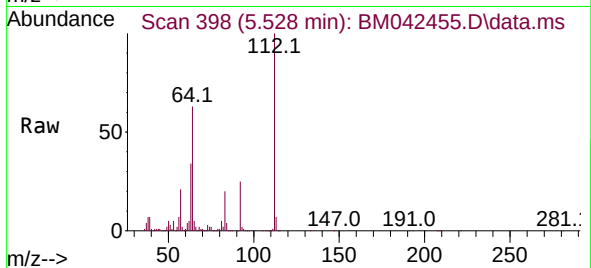




#5
2-Fluorophenol
Concen: 127.530 ng
RT: 5.528 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

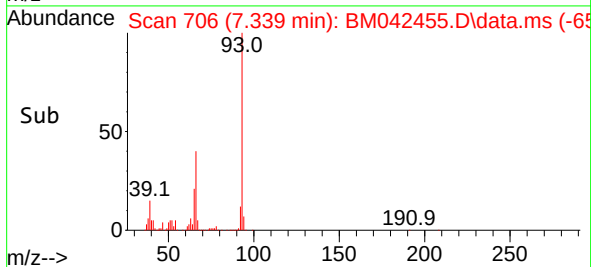
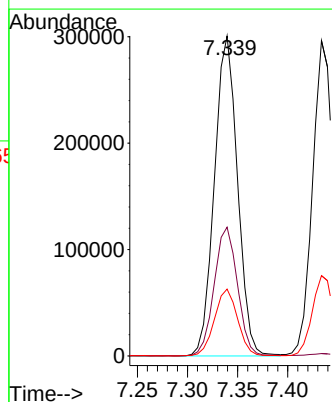
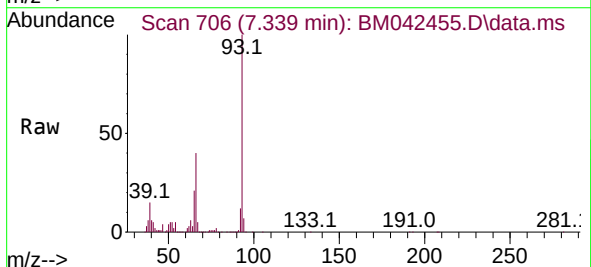
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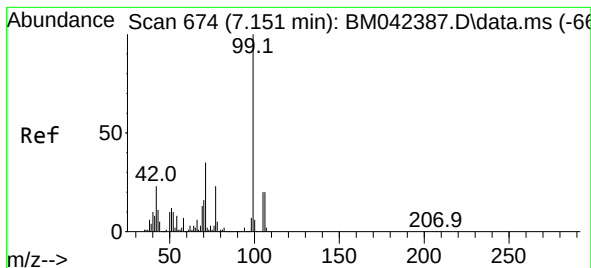
Tgt Ion:112 Resp: 1215378
Ion Ratio Lower Upper
112 100
64 62.5 52.7 79.1
63 33.5 28.3 42.5



#6
Aniline
Concen: 29.618 ng
RT: 7.339 min Scan# 706
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion: 93 Resp: 481615
Ion Ratio Lower Upper
93 100
66 40.3 33.8 50.8
65 20.9 17.4 26.2

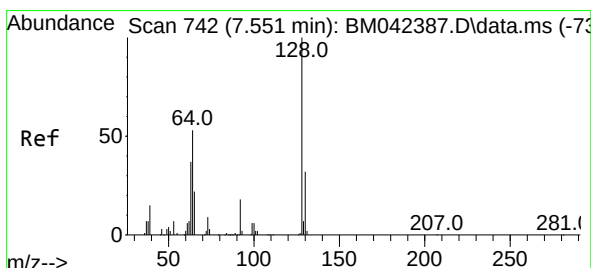
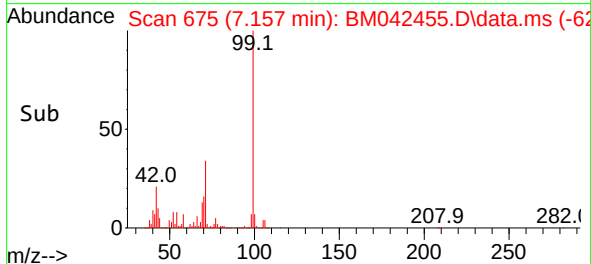
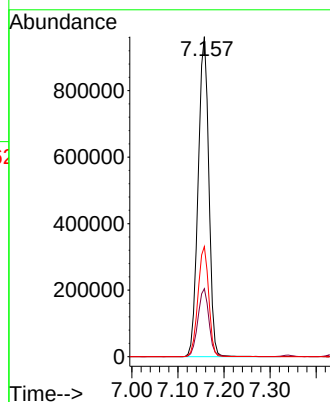
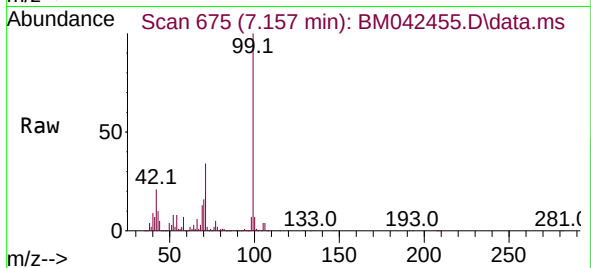




#7
Phenol-d6
Concen: 121.075 ng
RT: 7.157 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

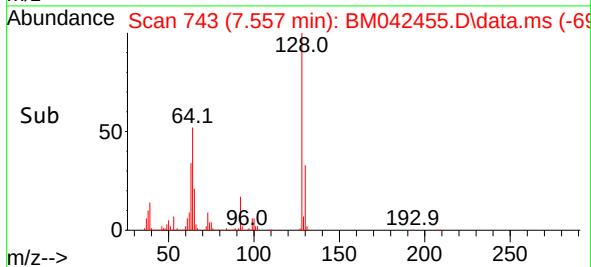
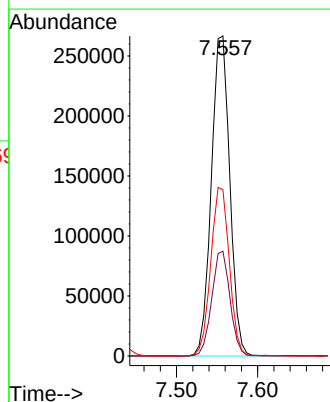
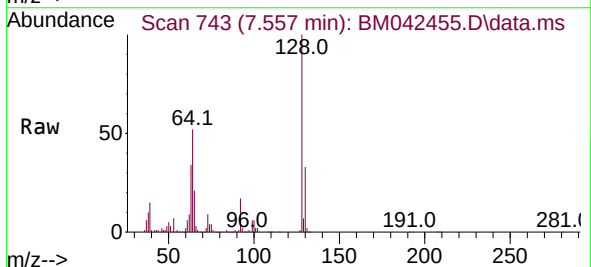
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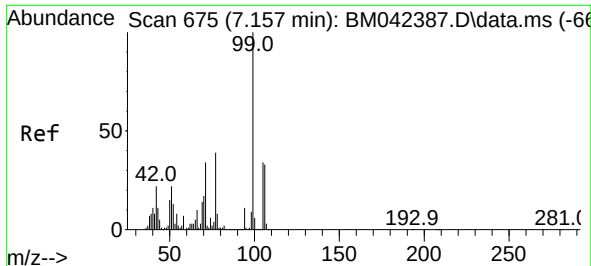
Tgt Ion: 99 Resp: 1546312
Ion Ratio Lower Upper
99 100
42 21.3 18.5 27.7
71 34.4 27.7 41.5



#8
2-Chlorophenol
Concen: 44.547 ng
RT: 7.557 min Scan# 743
Delta R.T. 0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion: 128 Resp: 421257
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 52.0 38.2 78.2

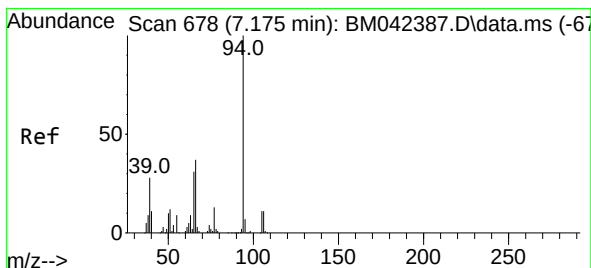
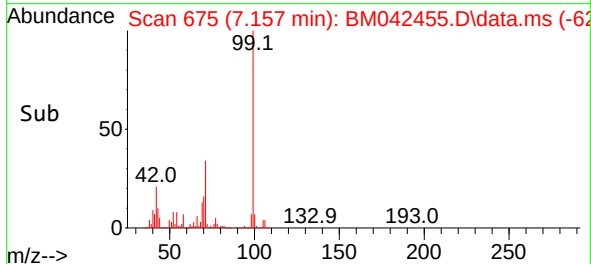
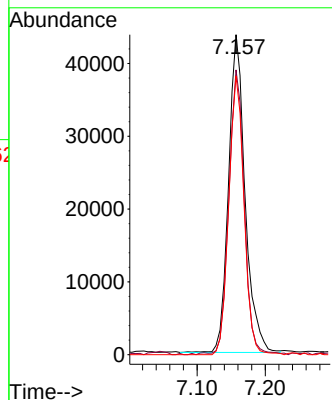
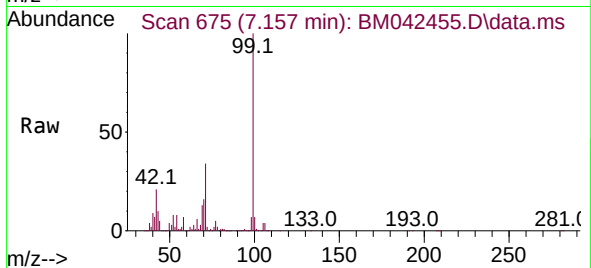




#9
Benzaldehyde
Concen: 9.916 ng
RT: 7.157 min Scan# 675
Delta R.T. 0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

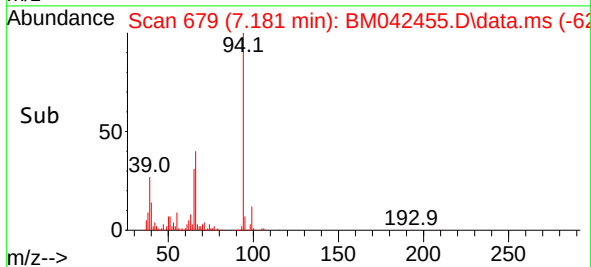
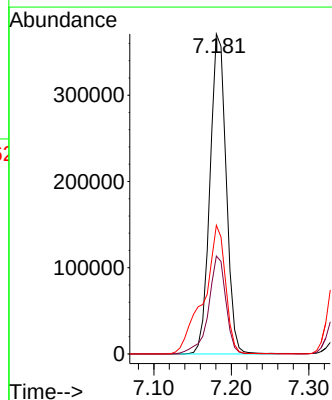
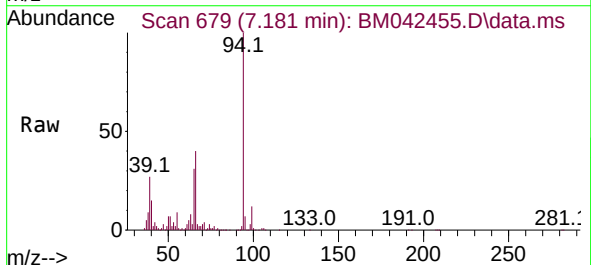
Instrument :
BNA_M
ClientSampleId :
PB156601BS

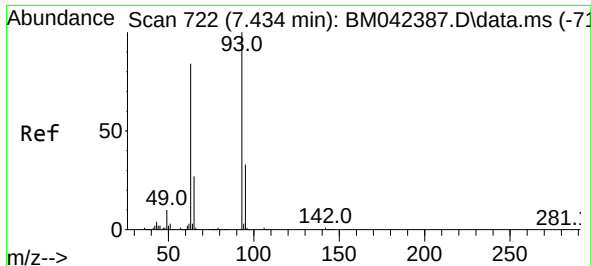
Tgt Ion: 77 Resp: 73759
Ion Ratio Lower Upper
77 100
105 89.0 68.7 108.7
106 87.1 65.8 105.8



#10
Phenol
Concen: 40.910 ng
RT: 7.181 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion: 94 Resp: 539878
Ion Ratio Lower Upper
94 100
65 30.6 10.9 50.9
66 40.2 18.2 58.2

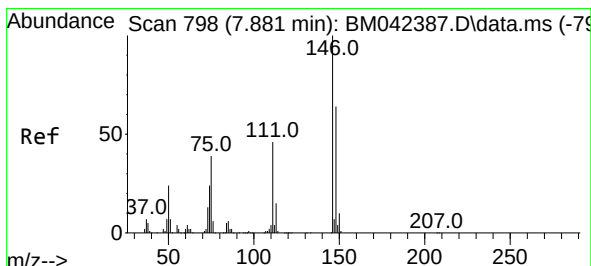
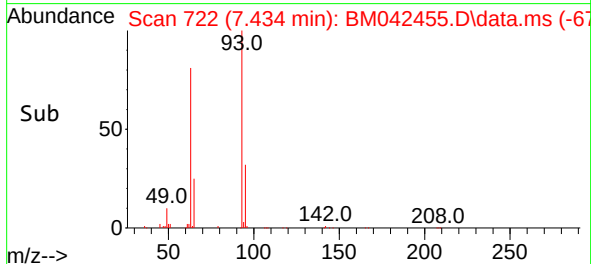
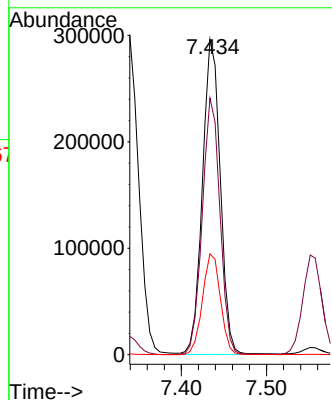
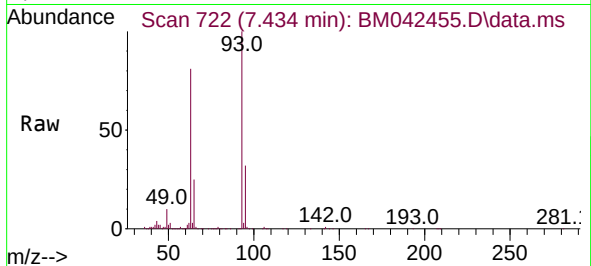




#11
bis(2-Chloroethyl)ether
Concen: 39.761 ng
RT: 7.434 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

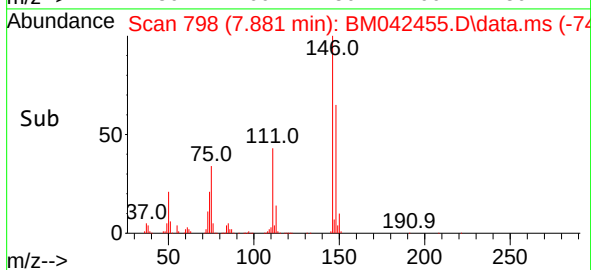
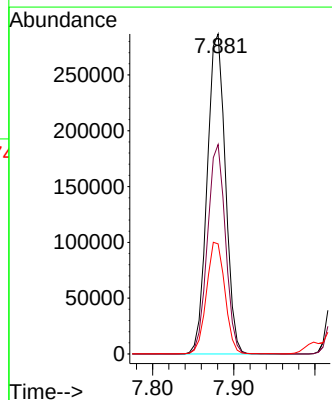
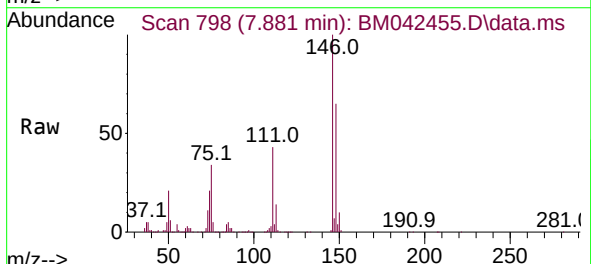
Instrument :
BNA_M
ClientSampleId :
PB156601BS

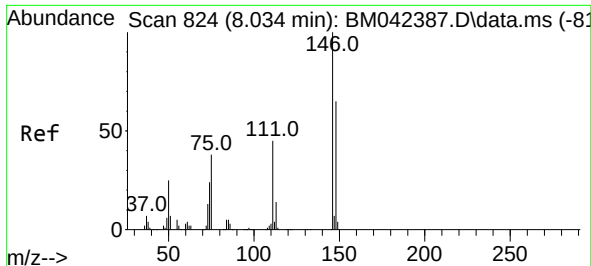
Tgt Ion: 93 Resp: 430799
Ion Ratio Lower Upper
93 100
63 81.4 64.2 104.2
95 31.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 45.595 ng
RT: 7.881 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:146 Resp: 445970
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
75 34.4 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 46.401 ng

RT: 8.039 min Scan# 81

Delta R.T. 0.006 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Instrument :

BNA_M

ClientSampleId :

PB156601BS

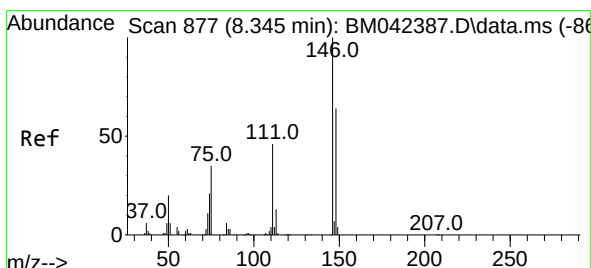
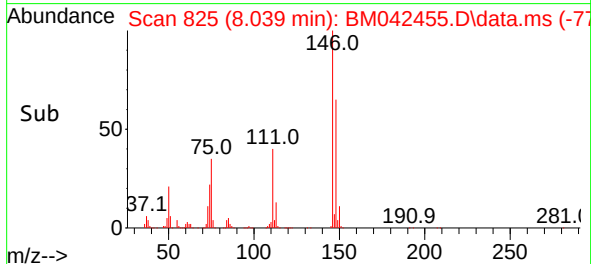
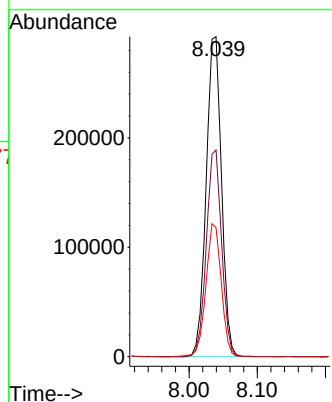
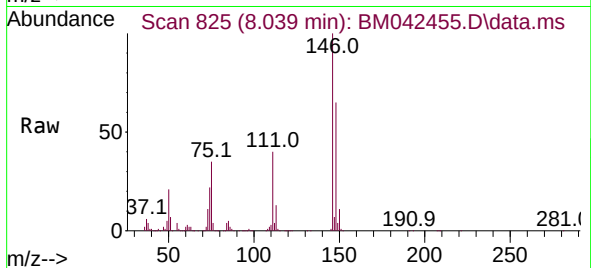
Tgt Ion:146 Resp: 456858

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

111 40.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 46.193 ng

RT: 8.345 min Scan# 877

Delta R.T. -0.000 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

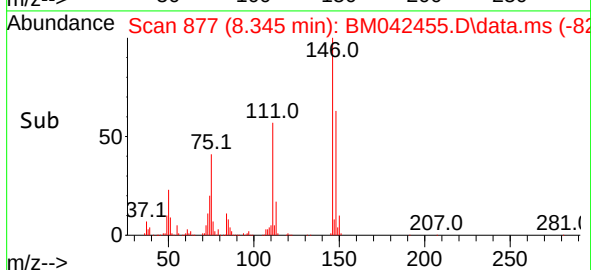
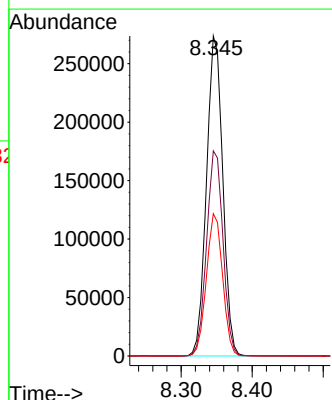
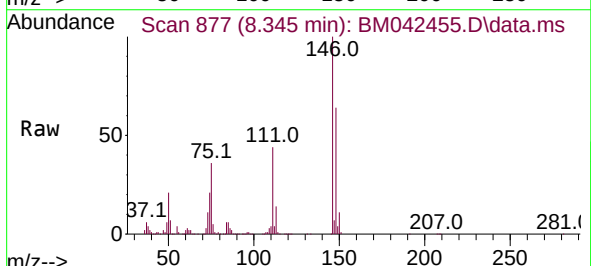
Tgt Ion:146 Resp: 436721

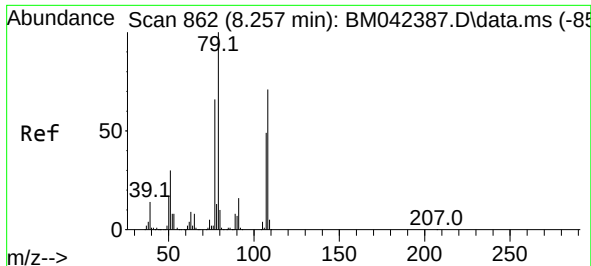
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

111 44.5 37.2 55.8

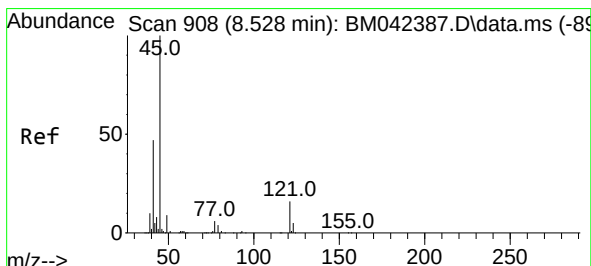
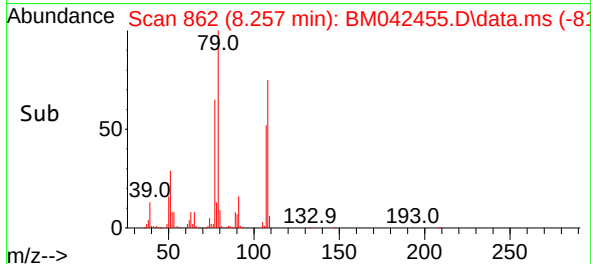
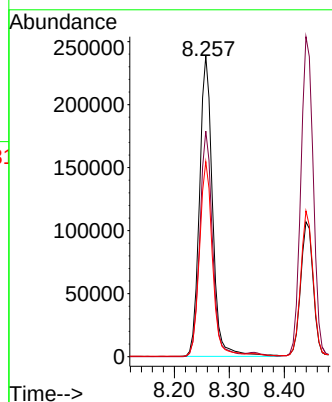
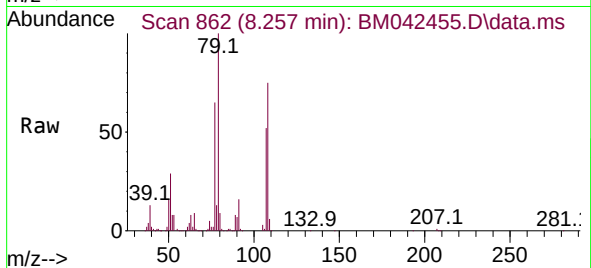




#15
Benzyl Alcohol
Concen: 41.563 ng
RT: 8.257 min Scan# 862
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

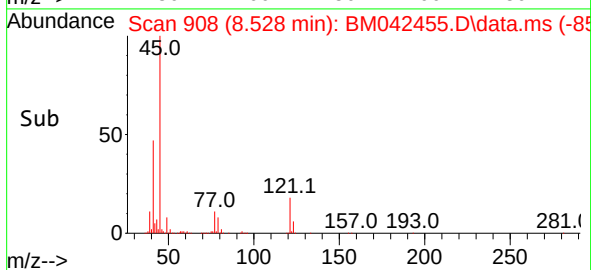
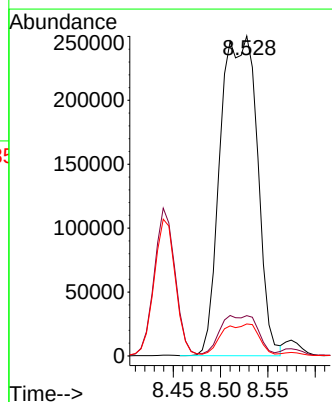
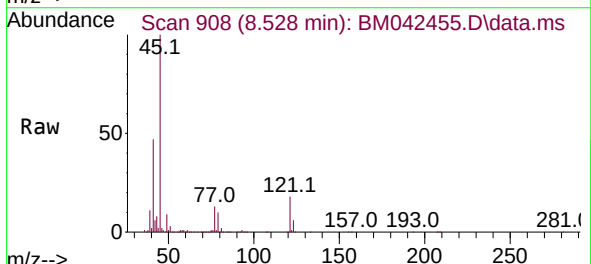
Instrument :
BNA_M
ClientSampleId :
PB156601BS

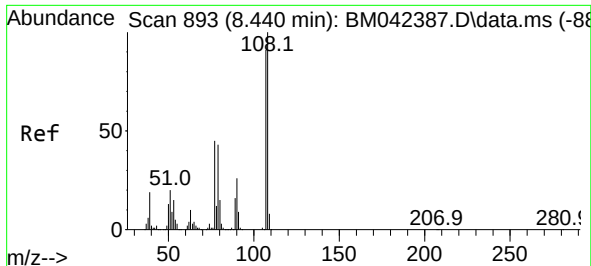
Tgt Ion: 79 Resp: 393495
Ion Ratio Lower Upper
79 100
108 75.0 57.1 85.7
77 64.8 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.438 ng
RT: 8.528 min Scan# 908
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion: 45 Resp: 676127
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.2
79 10.0 0.0 30.4

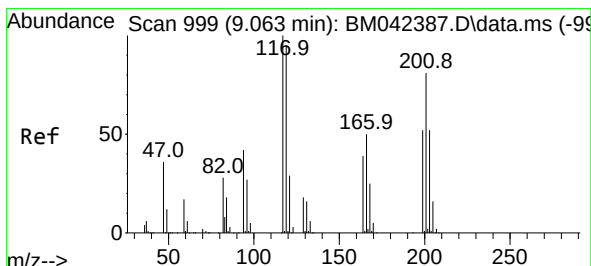
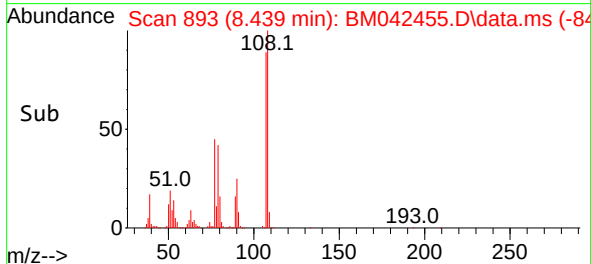
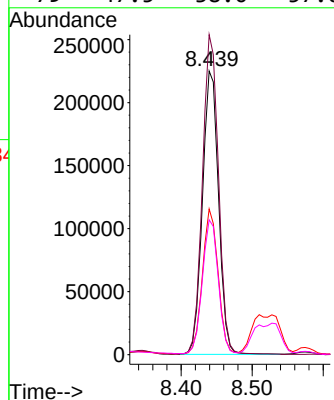
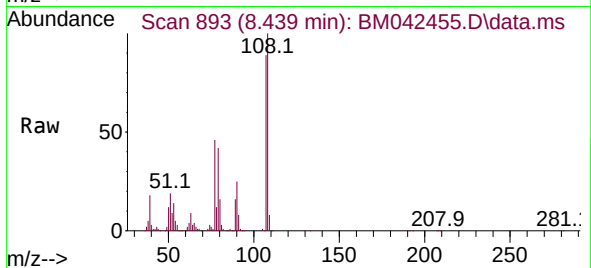




#17
2-Methylphenol
Concen: 40.693 ng
RT: 8.439 min Scan# 893
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

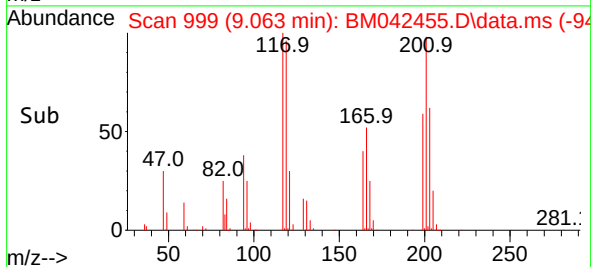
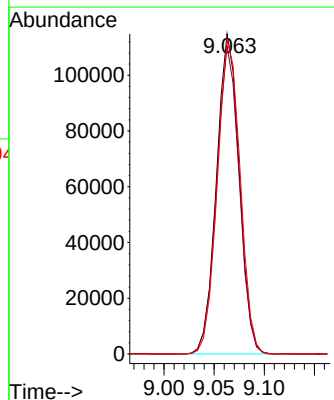
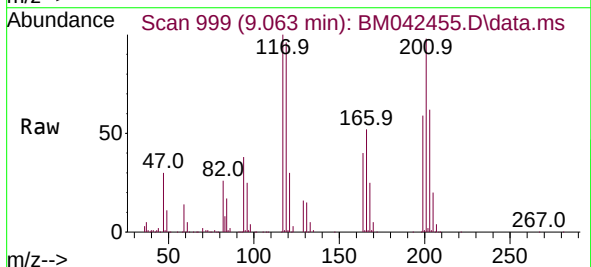
Instrument :
BNA_M
ClientSampleId :
PB156601BS

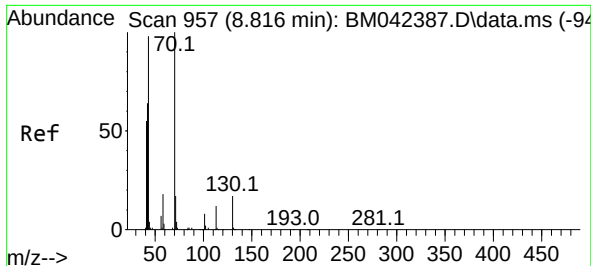
Tgt Ion:	107	Resp:	354375
Ion	Ratio	Lower	Upper
107	100		
108	112.8	88.2	132.4
77	51.4	40.1	60.1
79	47.5	38.0	57.0



#18
Hexachloroethane
Concen: 47.657 ng
RT: 9.063 min Scan# 999
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:	117	Resp:	180638
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.9	113.9
201	98.4	64.6	97.0

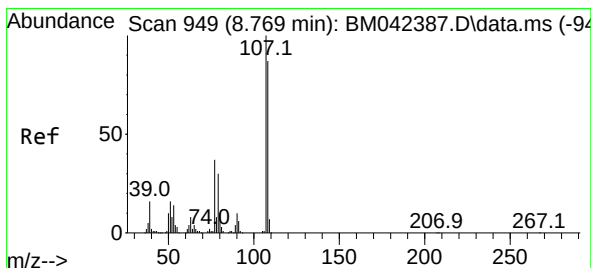
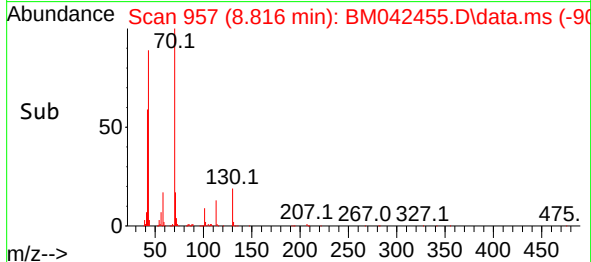
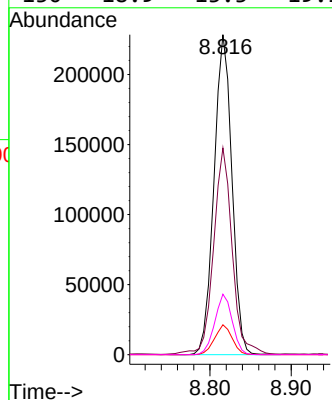
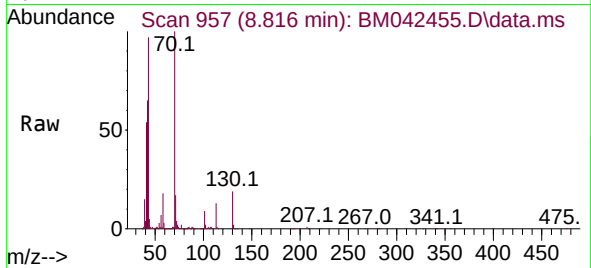




#19
n-Nitroso-di-n-propylamine
Concen: 40.506 ng
RT: 8.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

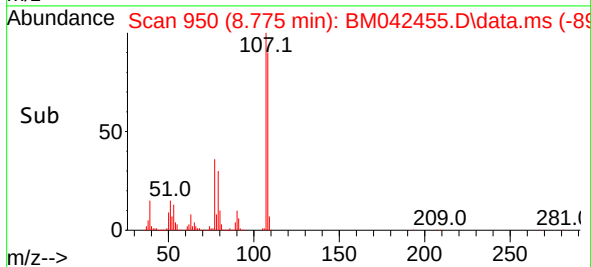
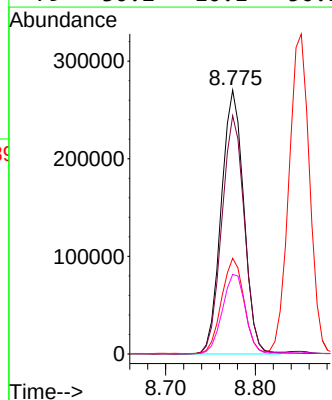
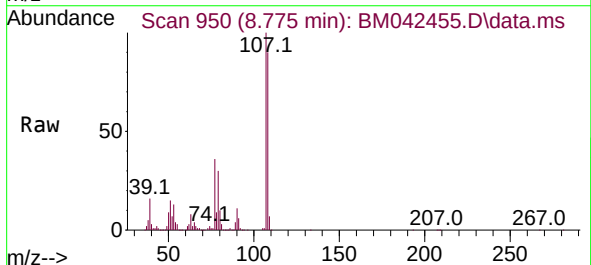
Instrument :
BNA_M
ClientSampleId :
PB156601BS

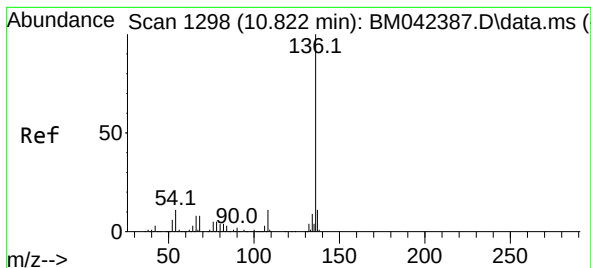
Tgt Ion: 70 Resp: 350627
Ion Ratio Lower Upper
70 100
42 64.6 52.1 78.1
101 9.3 6.5 9.7
130 18.9 13.3 19.9



#20
3+4-Methylphenols
Concen: 40.324 ng
RT: 8.775 min Scan# 950
Delta R.T. 0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion: 107 Resp: 471009
Ion Ratio Lower Upper
107 100
108 90.3 67.2 107.2
77 36.3 16.8 56.8
79 30.2 10.1 50.1

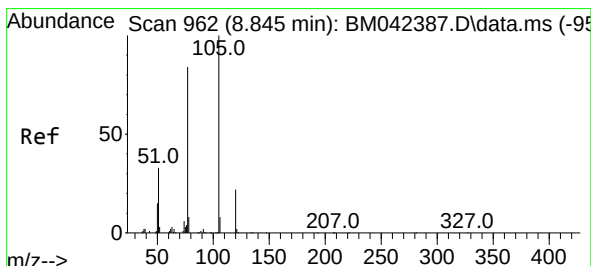
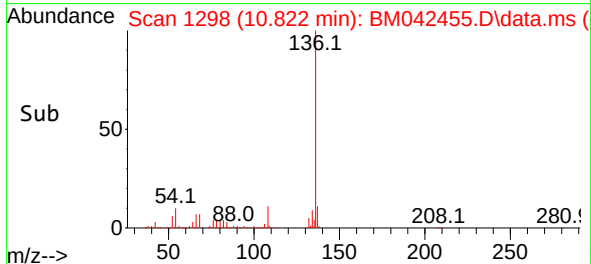
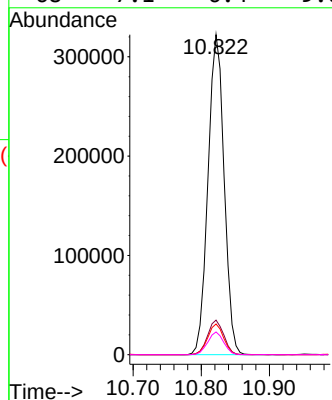
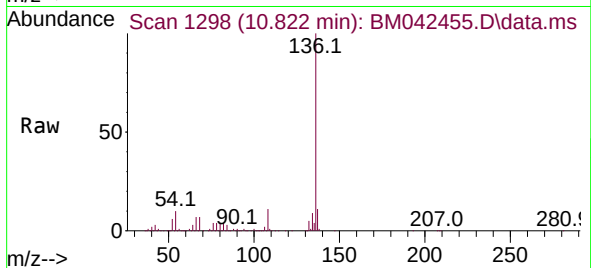




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.822 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

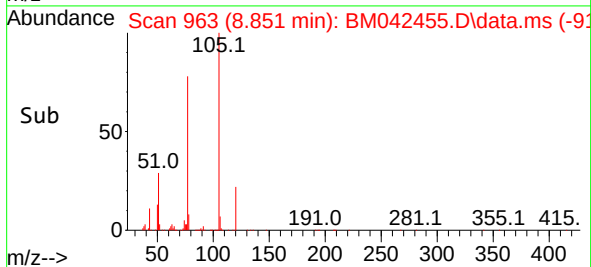
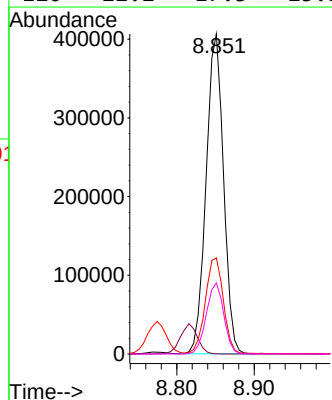
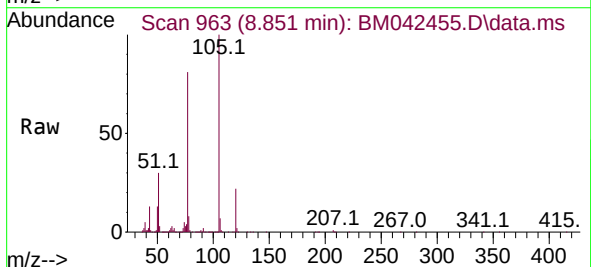
Instrument :
BNA_M
ClientSampleId :
PB156601BS

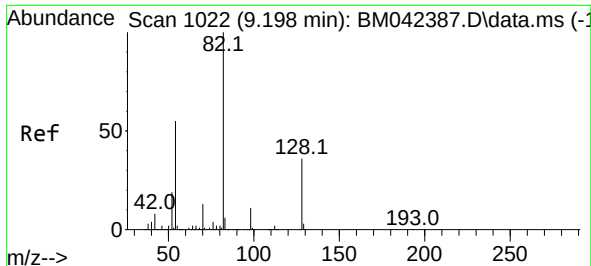
Tgt Ion:136 Resp: 531083
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.6 8.6 12.8
68 7.1 6.4 9.6



#22
Acetophenone
Concen: 43.740 ng
RT: 8.851 min Scan# 963
Delta R.T. 0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:105 Resp: 633734
Ion Ratio Lower Upper
105 100
71 0.0 0.1 0.1#
51 30.0 27.1 40.7
120 22.2 17.3 25.9

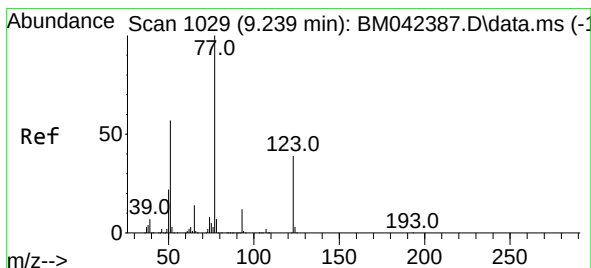
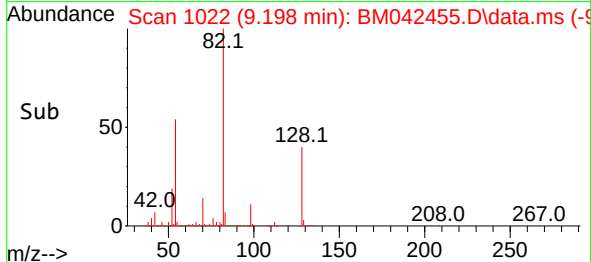
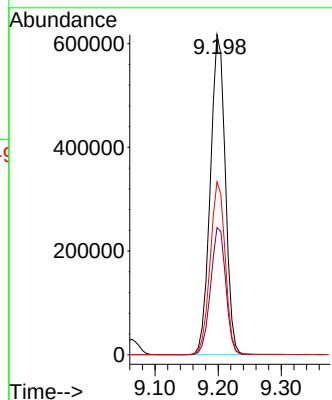
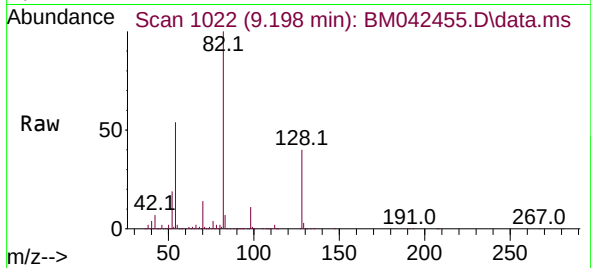




#23
Nitrobenzene-d5
Concen: 84.626 ng
RT: 9.198 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

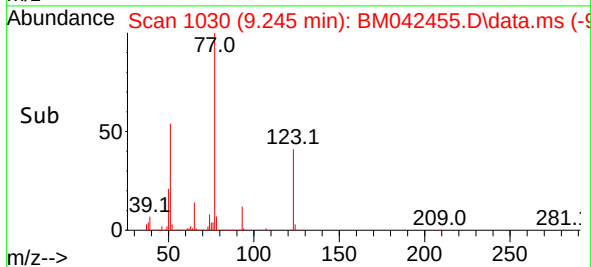
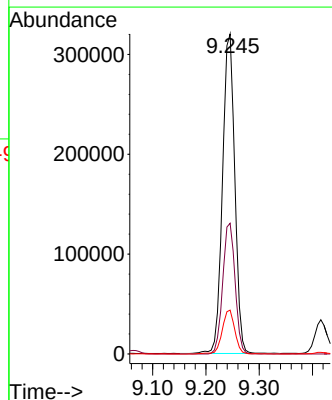
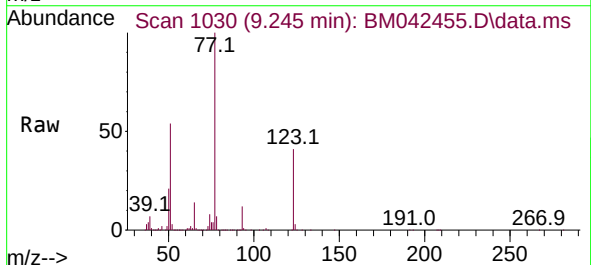
Instrument :
BNA_M
ClientSampleId :
PB156601BS

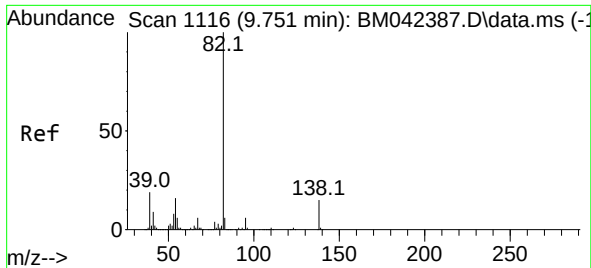
Tgt Ion: 82 Resp: 1016371
Ion Ratio Lower Upper
82 100
128 39.7 29.0 43.6
54 54.0 43.7 65.5



#24
Nitrobenzene
Concen: 42.636 ng
RT: 9.245 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion: 77 Resp: 512294
Ion Ratio Lower Upper
77 100
123 40.9 31.2 46.8
65 13.7 11.4 17.0





#25

Isophorone

Concen: 45.530 ng

RT: 9.751 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Instrument :

BNA_M

ClientSampleId :

PB156601BS

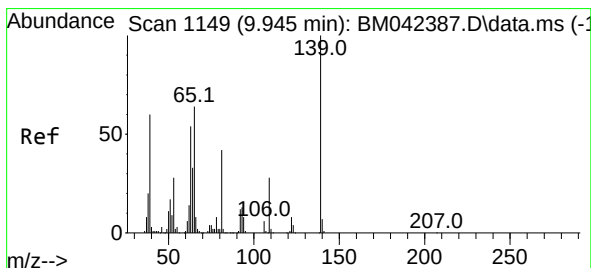
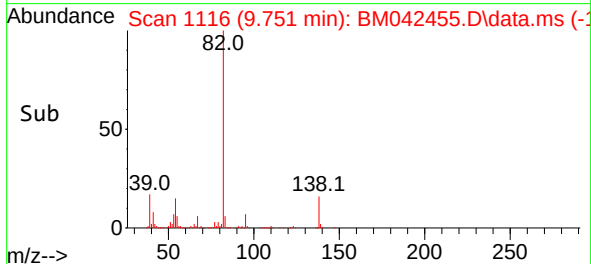
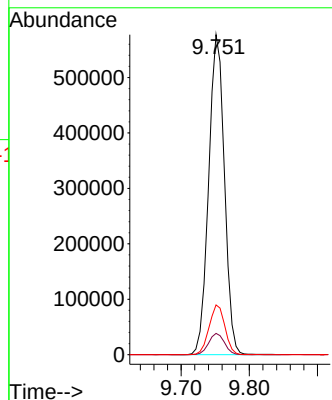
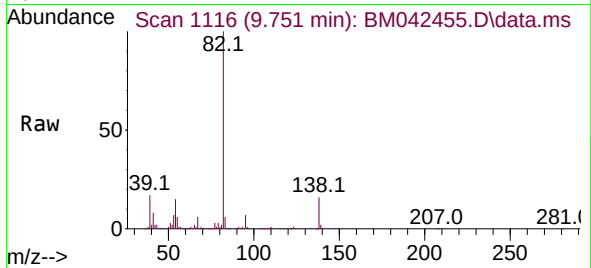
Tgt Ion: 82 Resp: 929285

Ion Ratio Lower Upper

82 100

95 6.7 5.1 7.7

138 15.6 11.8 17.6



#26

2-Nitrophenol

Concen: 49.080 ng

RT: 9.945 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

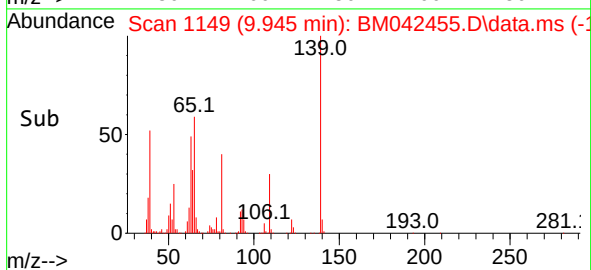
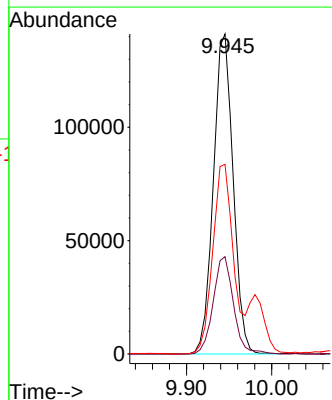
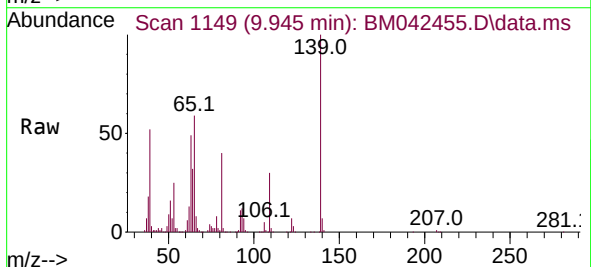
Tgt Ion:139 Resp: 227270

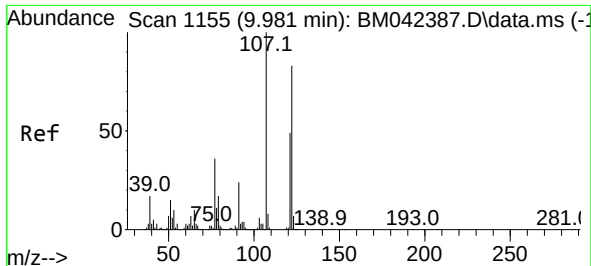
Ion Ratio Lower Upper

139 100

109 30.4 22.3 33.5

65 59.2 51.1 76.7

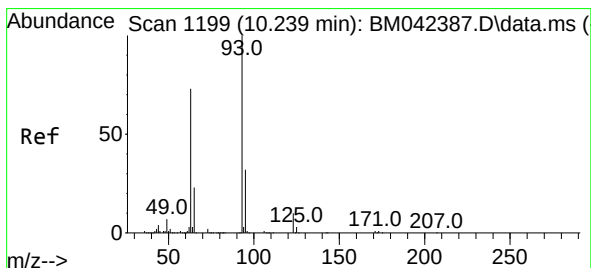
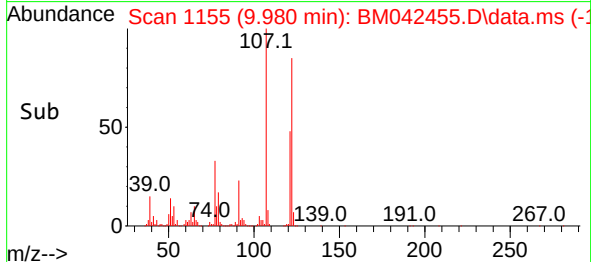
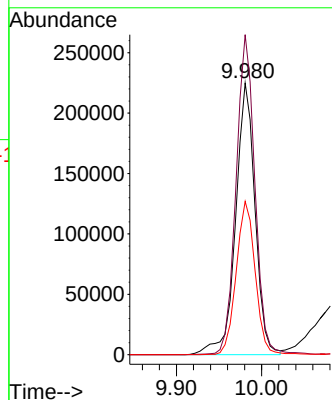
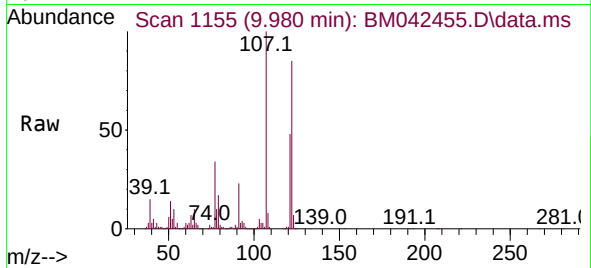




#27
2,4-Dimethylphenol
Concen: 43.067 ng
RT: 9.980 min Scan# 1155
Delta R.T. -0.001 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

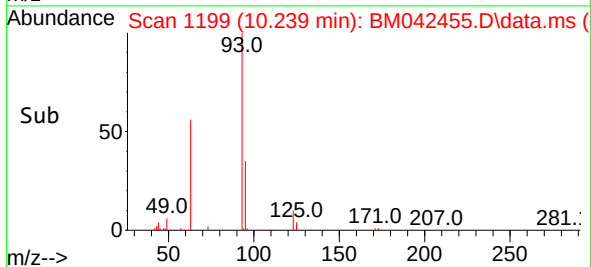
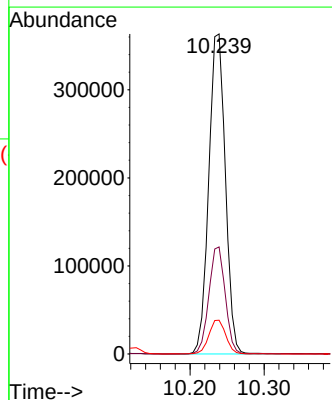
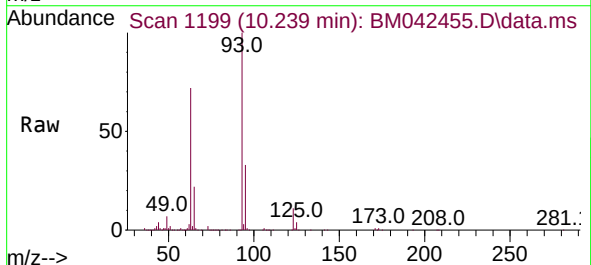
Instrument :
BNA_M
ClientSampleId :
PB156601BS

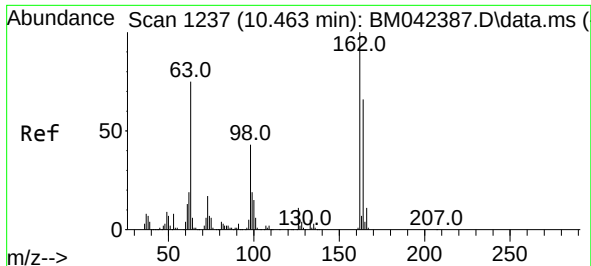
Tgt Ion:122 Resp: 356551
Ion Ratio Lower Upper
122 100
107 117.8 96.3 144.5
121 56.4 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.819 ng
RT: 10.239 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion: 93 Resp: 566636
Ion Ratio Lower Upper
93 100
95 33.5 25.8 38.6
123 10.6 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 53.892 ng

RT: 10.463 min Scan# 1237

Delta R.T. -0.000 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Instrument :

BNA_M

ClientSampleId :

PB156601BS

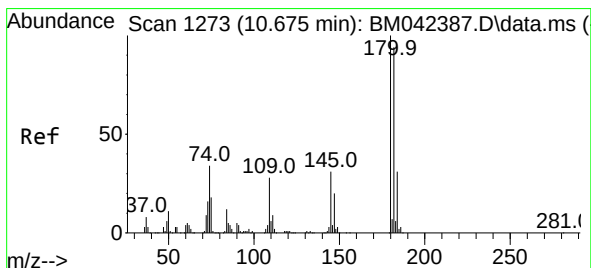
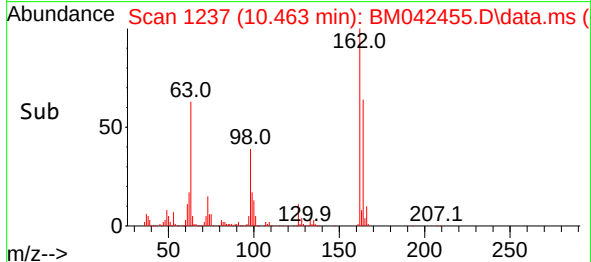
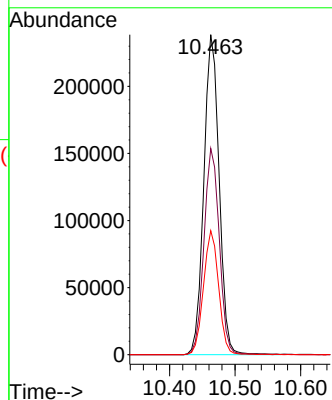
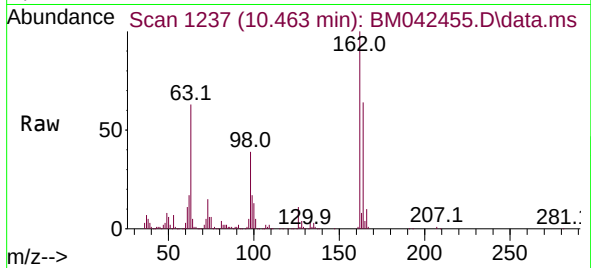
Tgt Ion:162 Resp: 388005

Ion Ratio Lower Upper

162 100

164 64.5 45.9 85.9

98 38.8 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 53.697 ng

RT: 10.675 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

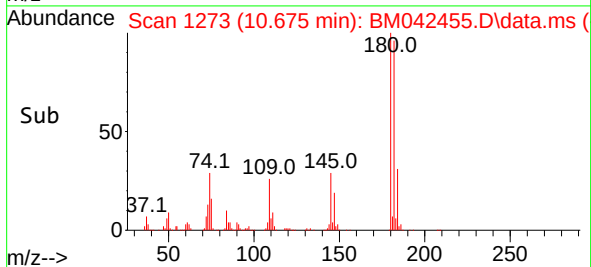
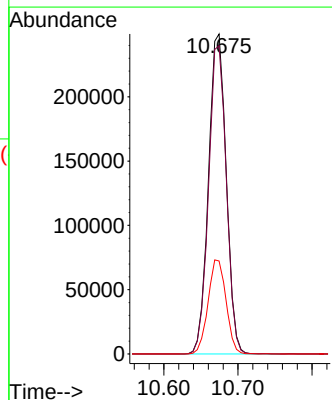
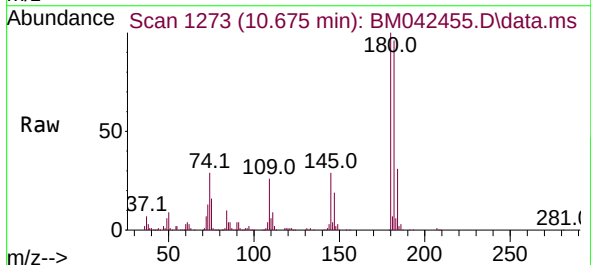
Tgt Ion:180 Resp: 414452

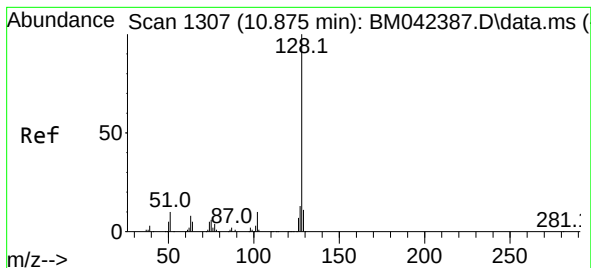
Ion Ratio Lower Upper

180 100

182 96.3 75.0 112.4

145 29.1 24.6 36.8

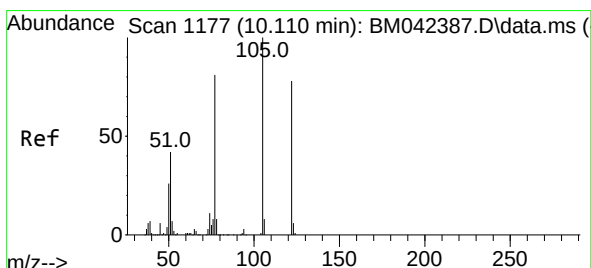
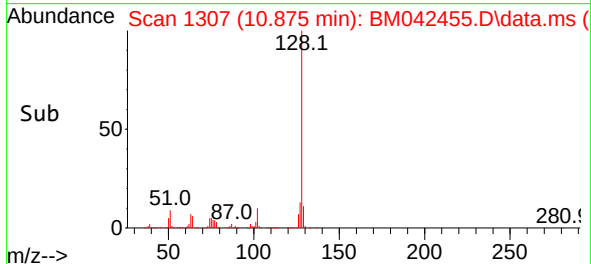
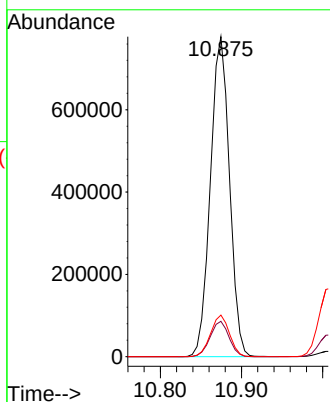
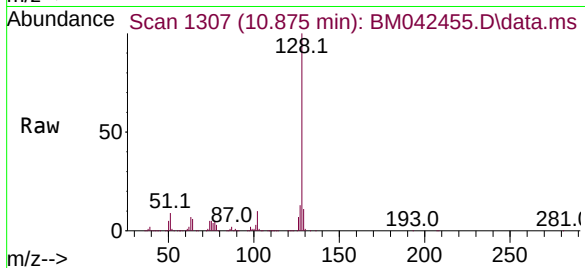




#31
Naphthalene
Concen: 46.614 ng
RT: 10.875 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

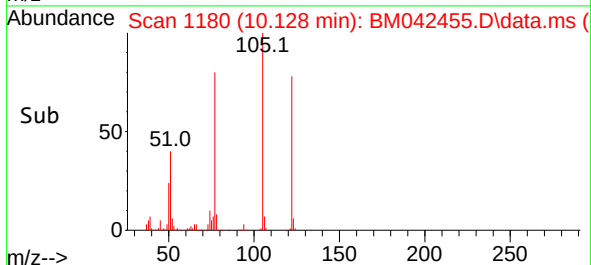
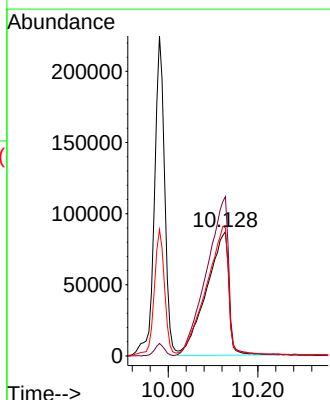
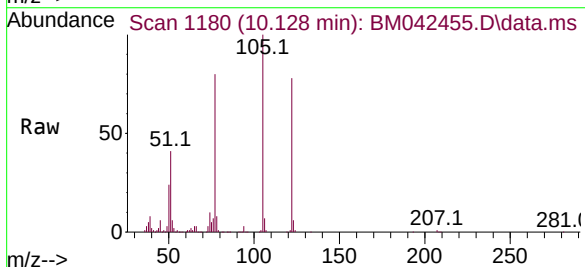
Instrument :
BNA_M
ClientSampleId :
PB156601BS

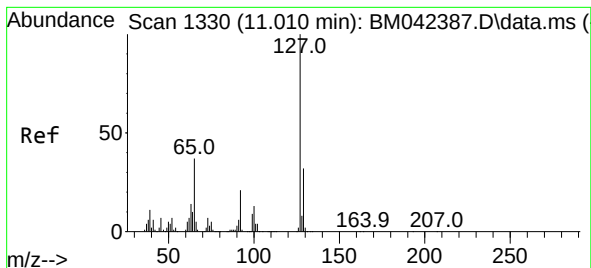
Tgt Ion:128 Resp: 1271577
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 49.192 ng
RT: 10.128 min Scan# 1180
Delta R.T. 0.018 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:122 Resp: 298771
Ion Ratio Lower Upper
122 100
105 128.4 104.9 144.9
77 103.2 83.4 123.4

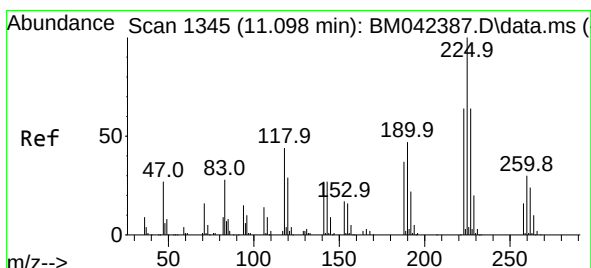
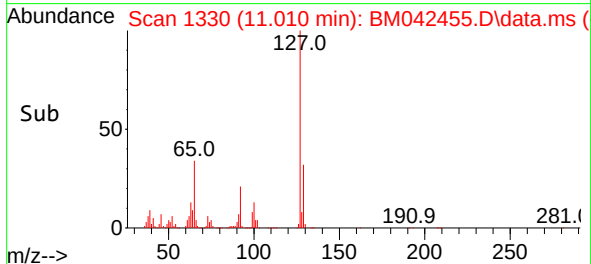
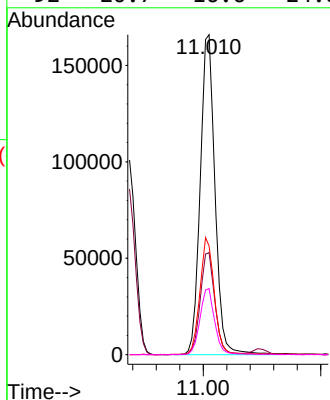
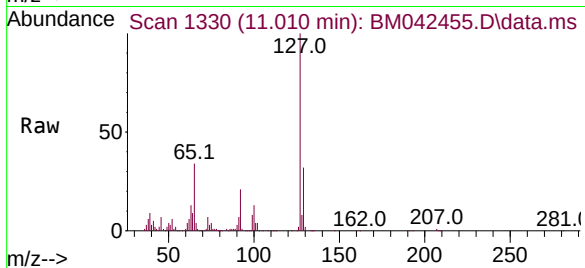




#33
4-Chloroaniline
Concen: 24.577 ng
RT: 11.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

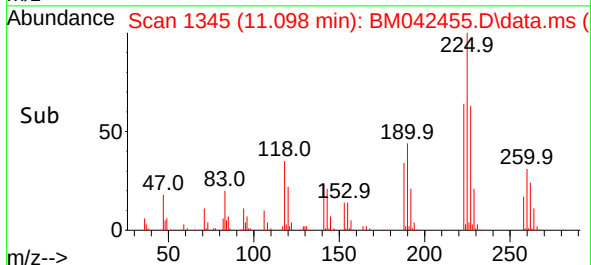
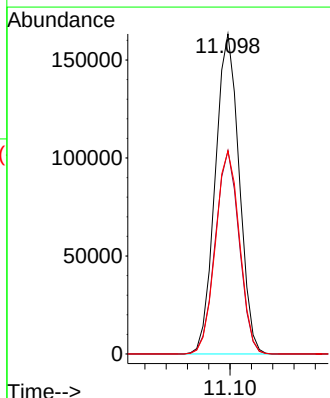
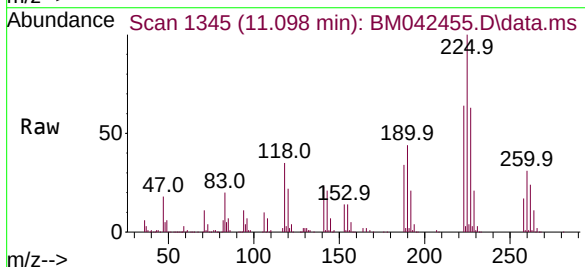
Instrument :
BNA_M
ClientSampleId :
PB156601BS

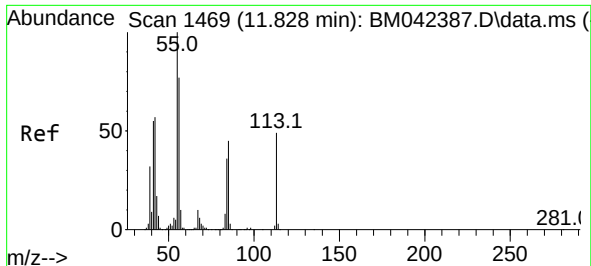
Tgt Ion:	127	Resp:	291078
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.3	37.9
65	34.0	29.6	44.4
92	20.7	16.6	24.8



#34
Hexachlorobutadiene
Concen: 61.002 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:	225	Resp:	254781
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.5	77.3
227	63.4	51.3	76.9

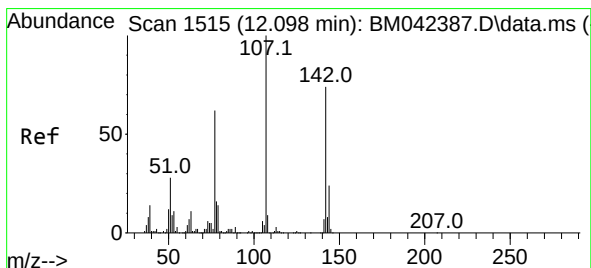
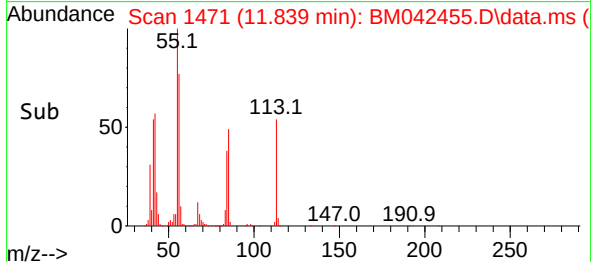
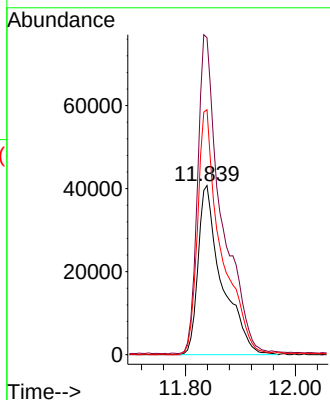
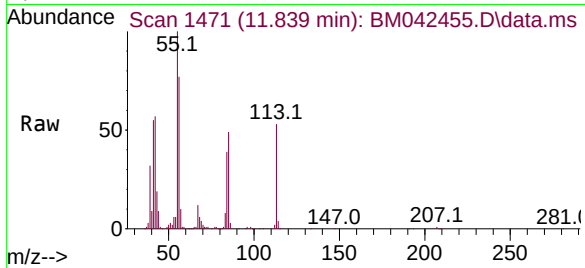




#35
Caprolactam
Concen: 43.361 ng
RT: 11.839 min Scan# 1469
Delta R.T. 0.011 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

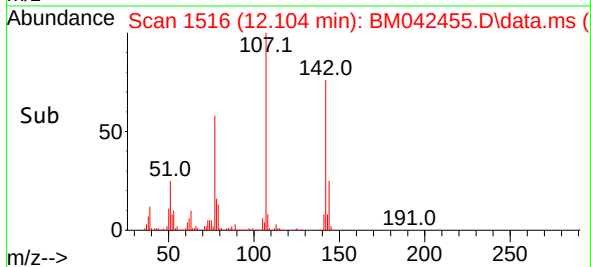
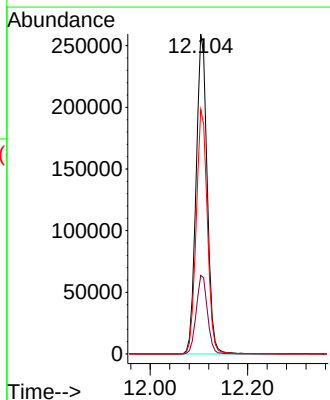
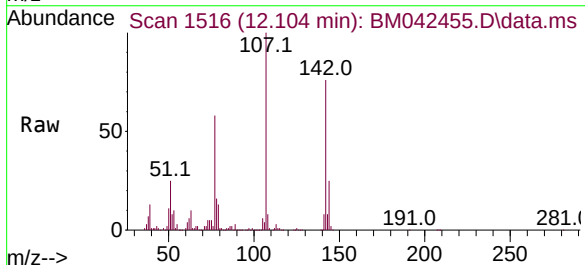
Instrument :
BNA_M
ClientSampleId :
PB156601BS

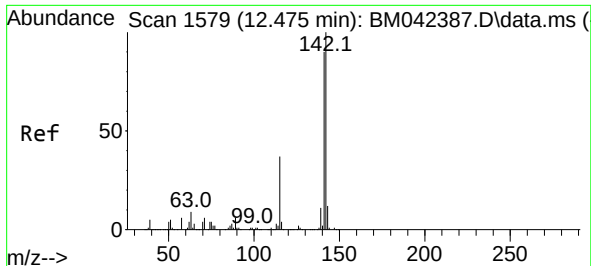
Tgt Ion:113 Resp: 122053
Ion Ratio Lower Upper
113 100
55 187.5 185.6 225.6
56 144.9 137.8 177.8



#36
4-Chloro-3-methylphenol
Concen: 47.514 ng
RT: 12.104 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:107 Resp: 412814
Ion Ratio Lower Upper
107 100
144 24.6 18.9 28.3
142 76.4 59.2 88.8





#37

2-Methylnaphthalene

Concen: 45.683 ng

RT: 12.474 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Instrument :

BNA_M

ClientSampleId :

PB156601BS

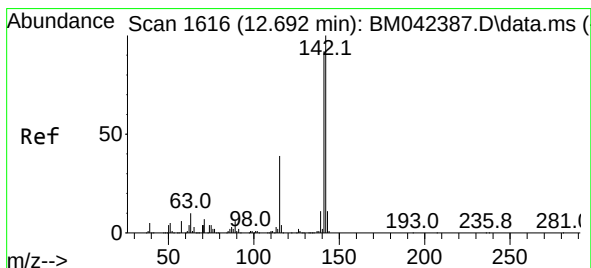
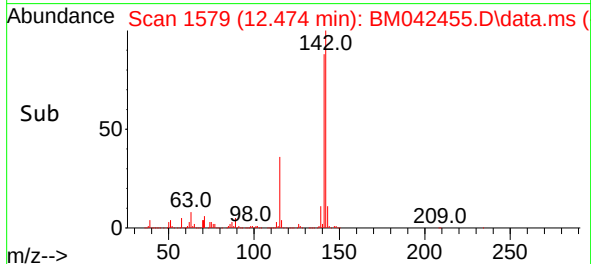
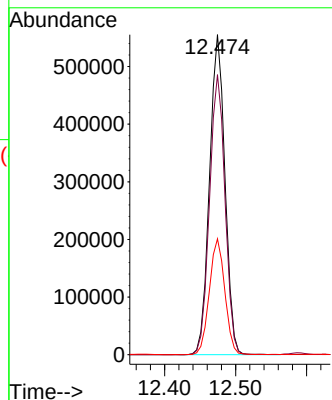
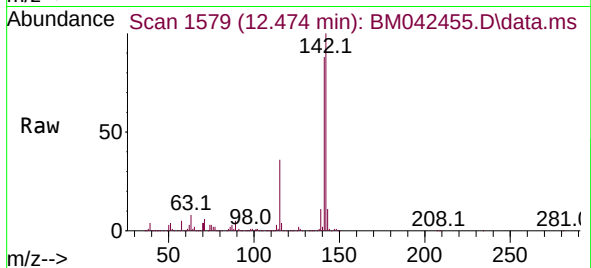
Tgt Ion:142 Resp: 838873

Ion Ratio Lower Upper

142 100

141 87.5 72.0 108.0

115 36.2 29.4 44.2



#38

1-Methylnaphthalene

Concen: 47.311 ng

RT: 12.692 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

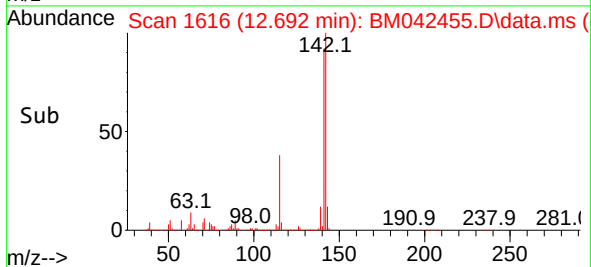
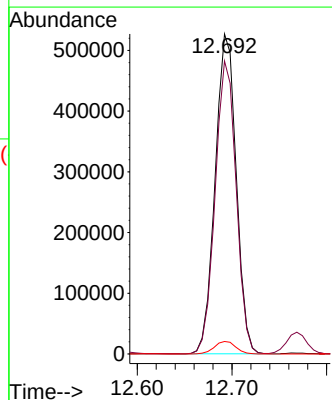
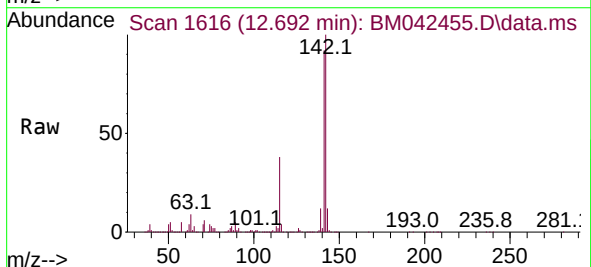
Tgt Ion:142 Resp: 813891

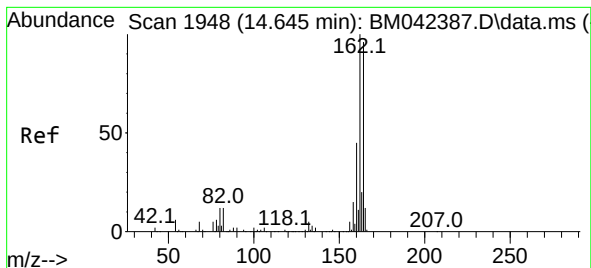
Ion Ratio Lower Upper

142 100

141 91.6 73.8 110.6

116 3.9 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.645 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Instrument :

BNA_M

ClientSampleId :

PB156601BS

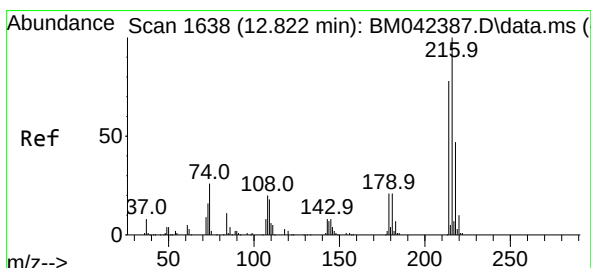
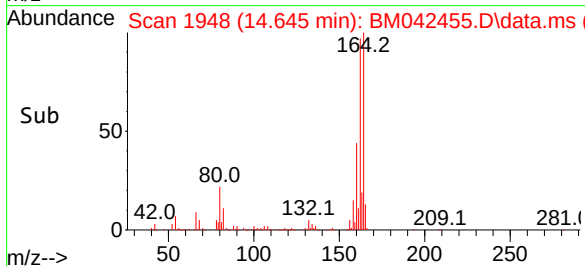
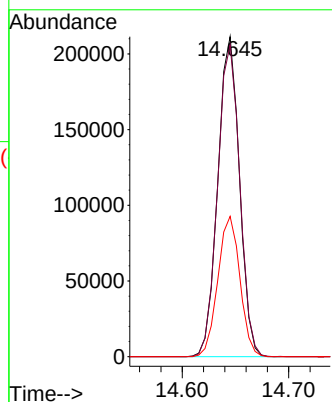
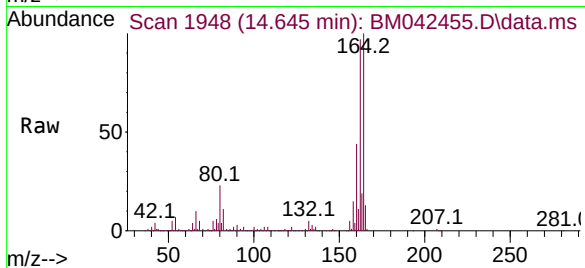
Tgt Ion:164 Resp: 297714

Ion Ratio Lower Upper

164 100

162 97.4 83.0 124.4

160 43.9 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.744 ng

RT: 12.827 min Scan# 1639

Delta R.T. 0.006 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Tgt Ion:216 Resp: 453957

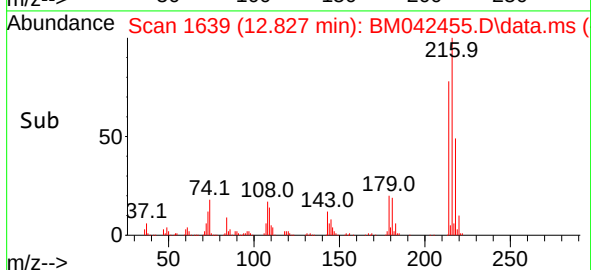
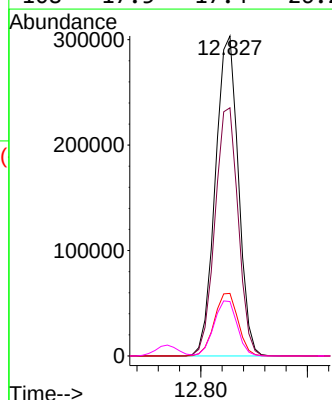
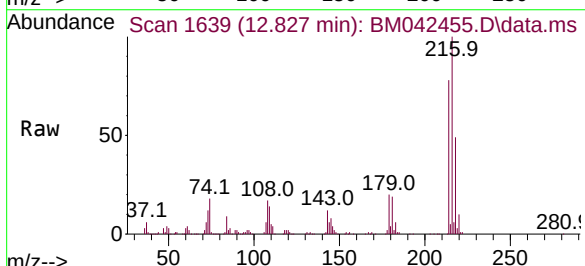
Ion Ratio Lower Upper

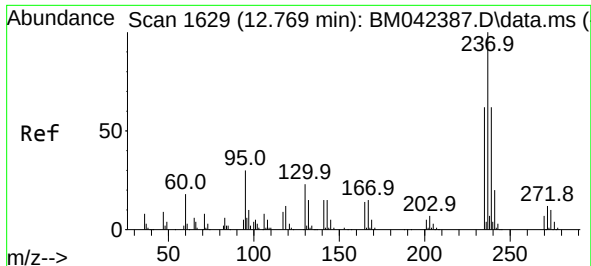
216 100

214 78.0 63.0 94.4

179 20.3 17.2 25.8

108 17.5 17.4 26.2

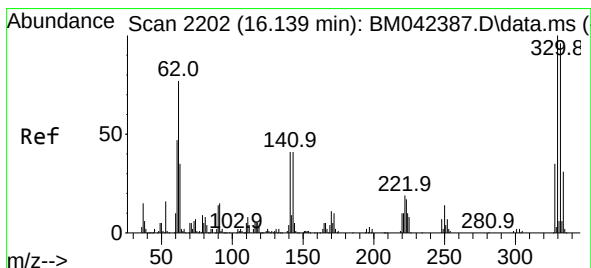
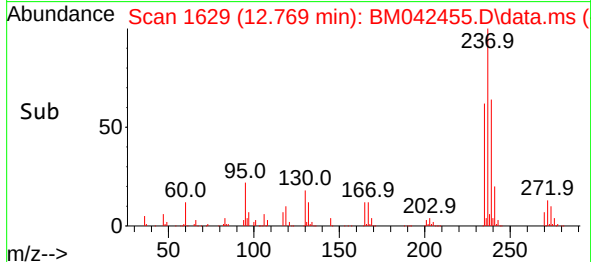
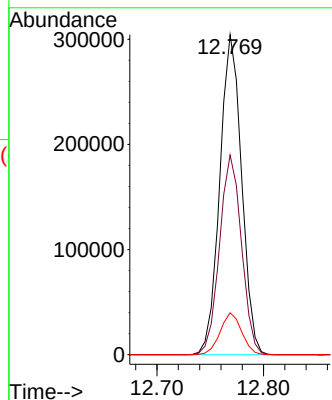
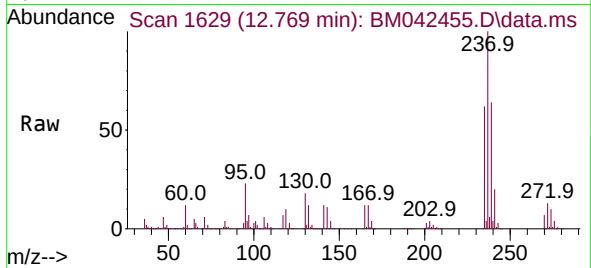




#41
Hexachlorocyclopentadiene
Concen: 91.844 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

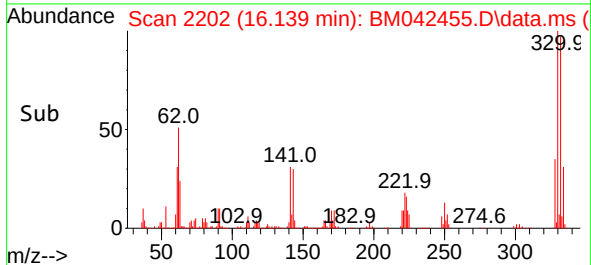
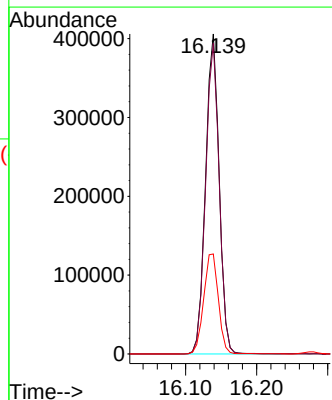
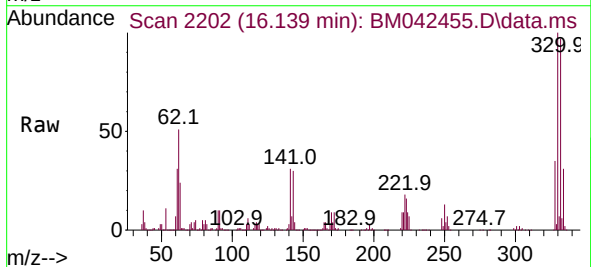
Instrument :
BNA_M
ClientSampleId :
PB156601BS

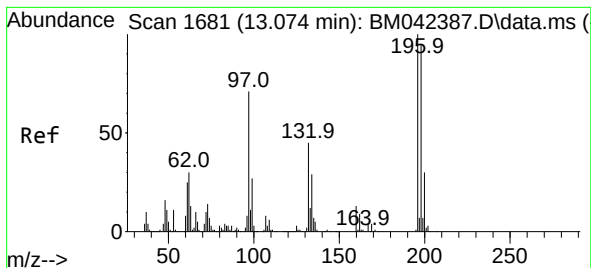
Tgt Ion:237 Resp: 431957
Ion Ratio Lower Upper
237 100
235 62.4 41.5 81.5
272 13.1 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 162.316 ng
RT: 16.139 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:330 Resp: 541806
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 33.8 38.0 57.0#





#43

2,4,6-Trichlorophenol

Concen: 53.766 ng

RT: 13.080 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Instrument :

BNA_M

ClientSampleId :

PB156601BS

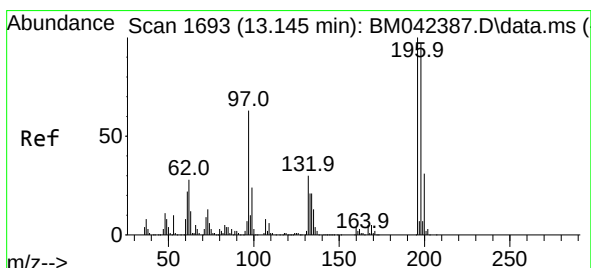
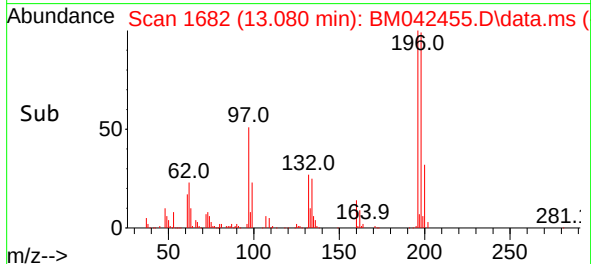
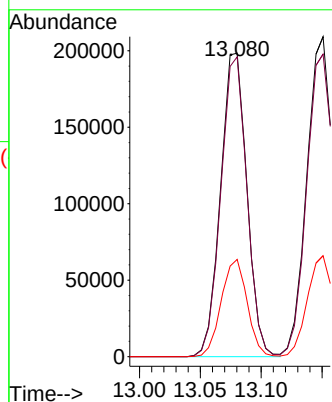
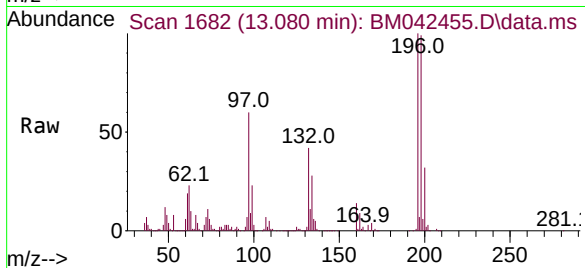
Tgt Ion:196 Resp: 299559

Ion Ratio Lower Upper

196 100

198 98.8 76.3 114.5

200 32.0 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 49.334 ng

RT: 13.151 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Tgt Ion:196 Resp: 324929

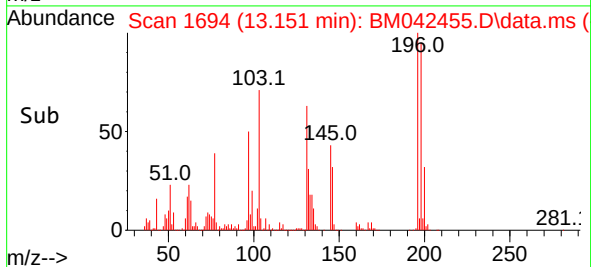
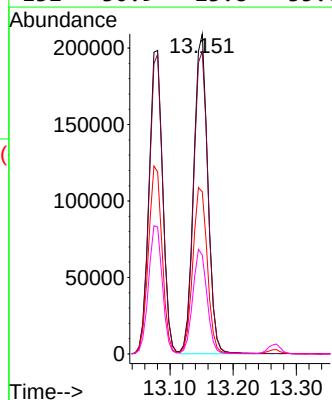
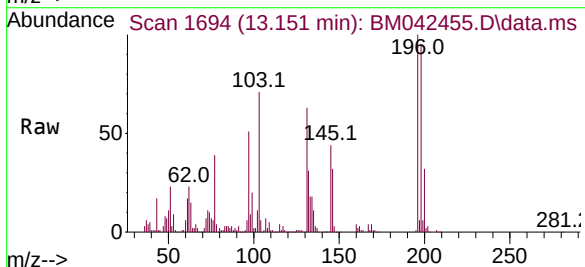
Ion Ratio Lower Upper

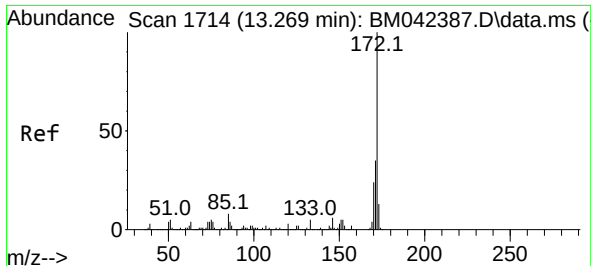
196 100

198 94.6 77.9 116.9

97 50.7 50.9 76.3#

132 30.9 23.8 35.6

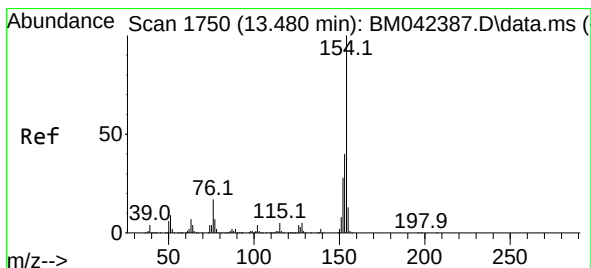
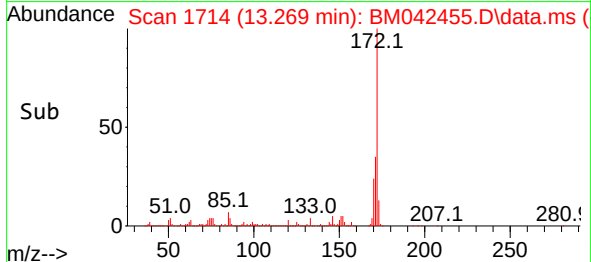
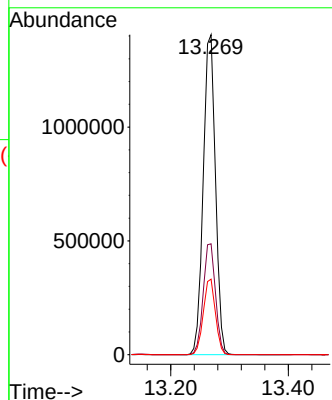
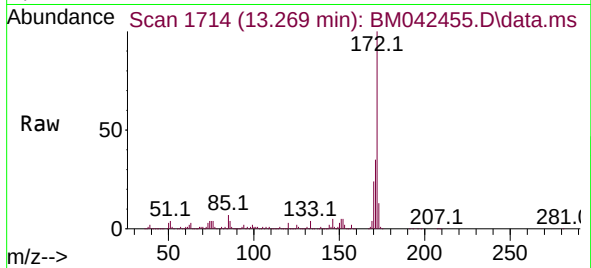




#45
2-Fluorobiphenyl
Concen: 91.652 ng
RT: 13.269 min Scan# 1714
Delta R.T. -0.001 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

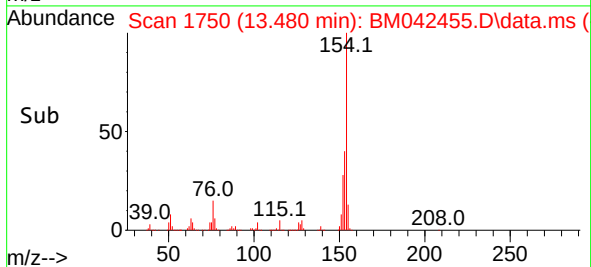
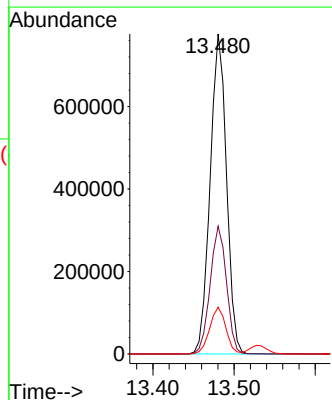
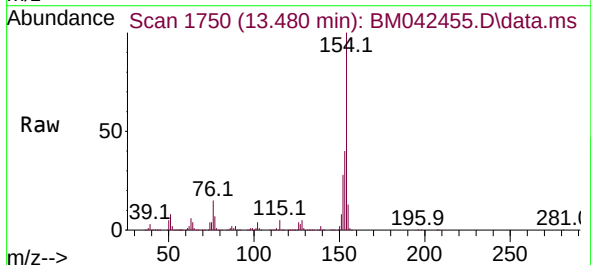
Instrument :
BNA_M
ClientSampleId :
PB156601BS

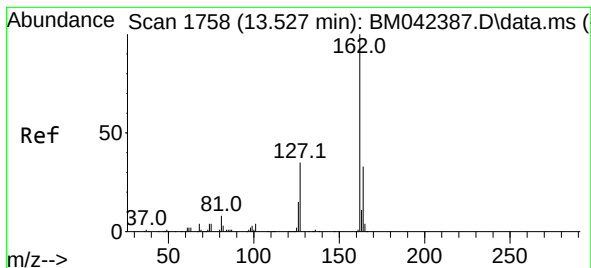
Tgt Ion:172 Resp: 2026268
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.849 ng
RT: 13.480 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:154 Resp: 1082851
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 14.6 0.0 36.9





#47

2-Chloronaphthalene

Concen: 47.709 ng

RT: 13.533 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Instrument :

BNA_M

ClientSampleId :

PB156601BS

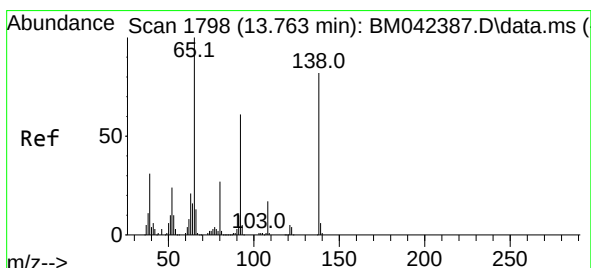
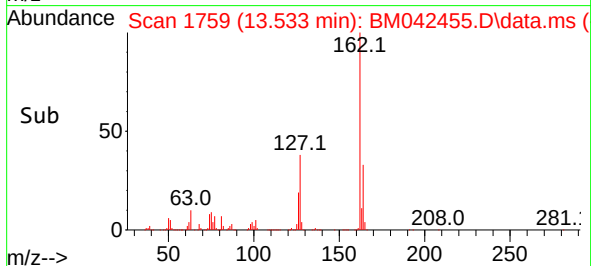
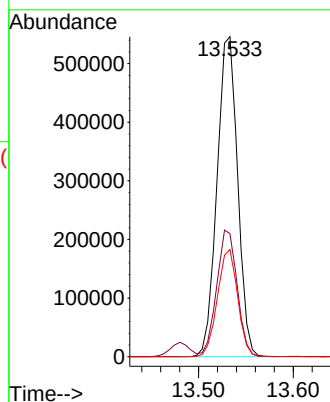
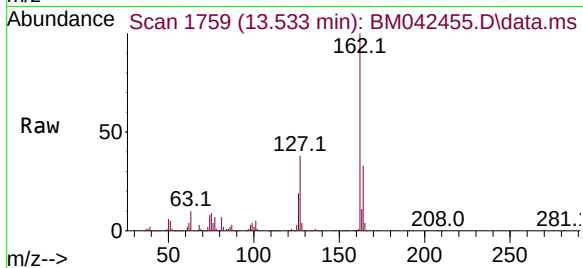
Tgt Ion:162 Resp: 826665

Ion Ratio Lower Upper

162 100

127 38.5 32.2 48.2

164 33.5 26.2 39.2



#48

2-Nitroaniline

Concen: 38.788 ng

RT: 13.763 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

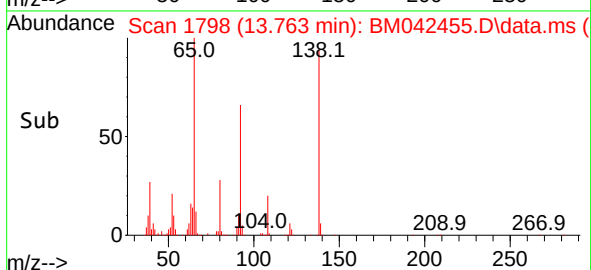
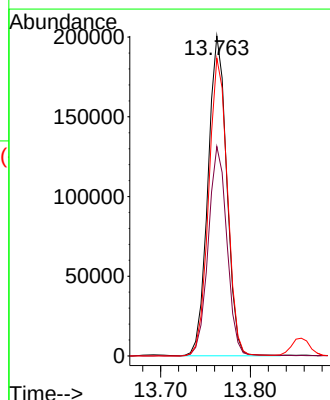
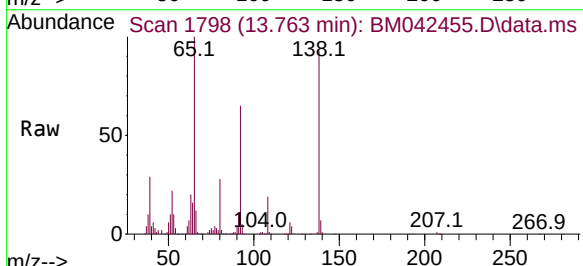
Tgt Ion: 65 Resp: 291151

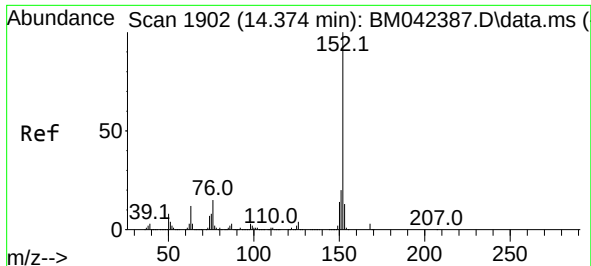
Ion Ratio Lower Upper

65 100

92 65.5 49.0 73.6

138 93.0 65.5 98.3

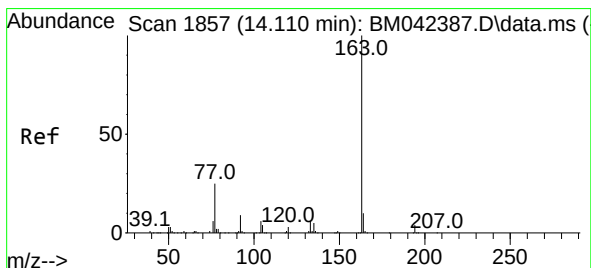
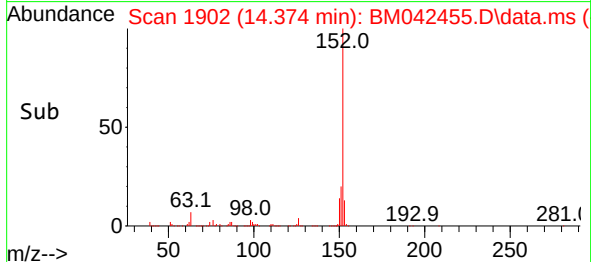
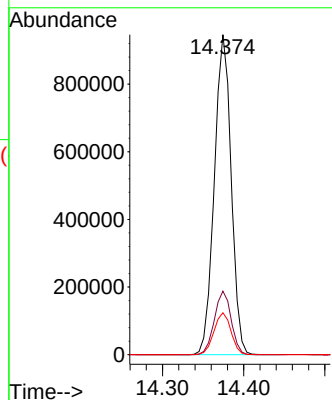
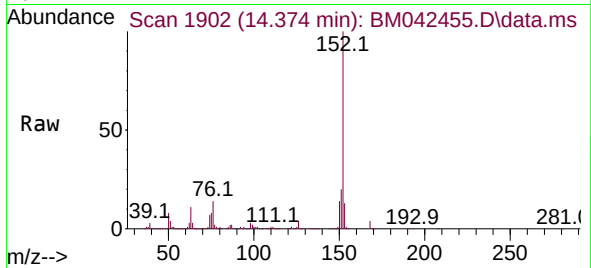




#49
Acenaphthylene
Concen: 48.732 ng
RT: 14.374 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

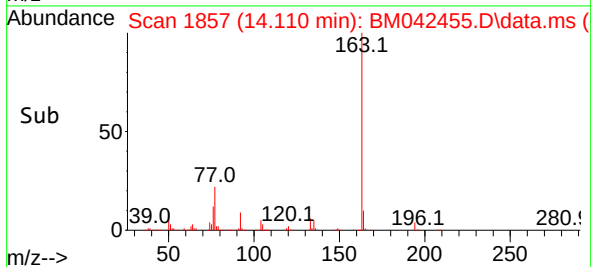
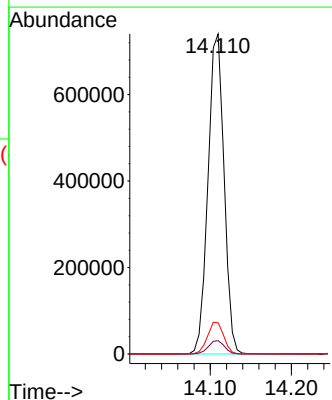
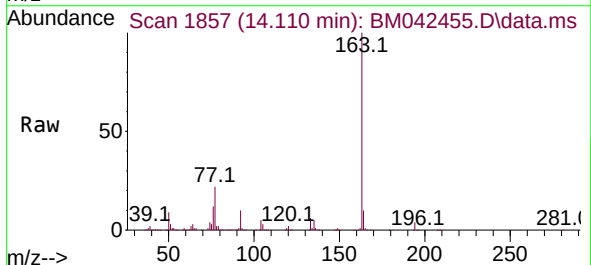
Instrument :
BNA_M
ClientSampleId :
PB156601BS

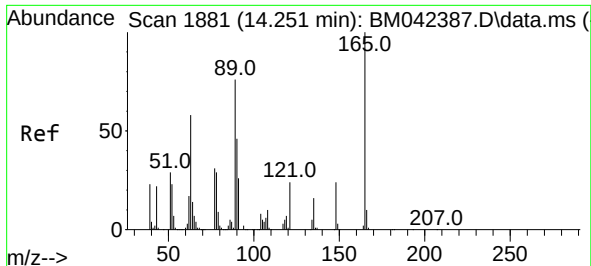
Tgt Ion:152 Resp: 1363206
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 46.386 ng
RT: 14.110 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:163 Resp: 1012946
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 9.7 7.9 11.9

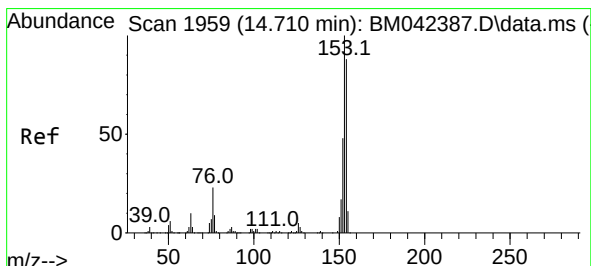
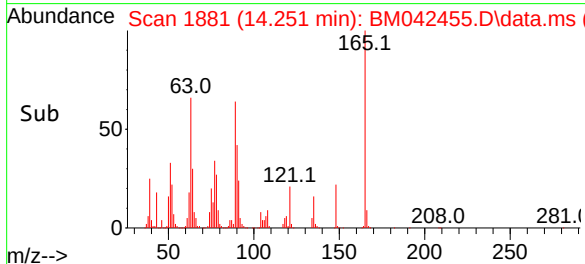
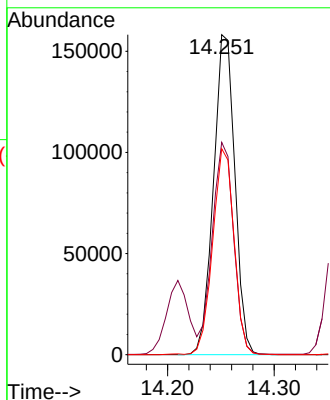
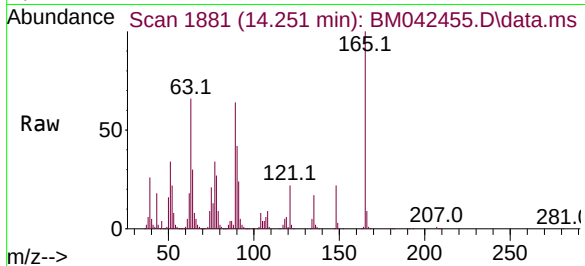




#51
2,6-Dinitrotoluene
Concen: 44.890 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

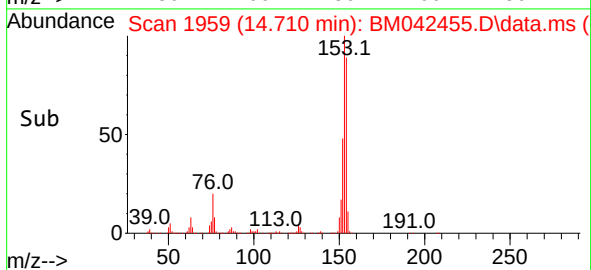
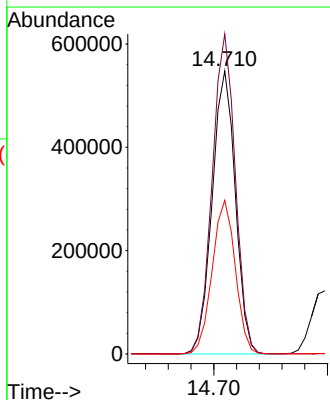
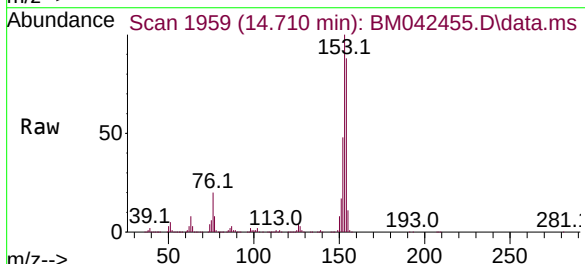
Instrument :
BNA_M
ClientSampleId :
PB156601BS

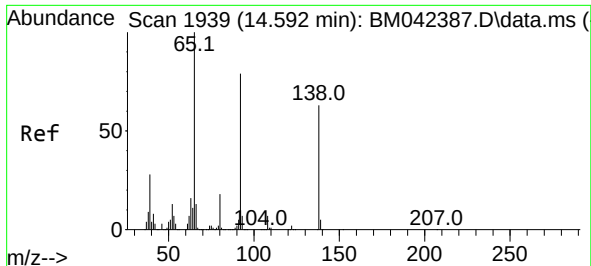
Tgt Ion:165 Resp: 220356
Ion Ratio Lower Upper
165 100
63 66.3 65.3 97.9
89 64.4 60.6 91.0



#52
Acenaphthene
Concen: 45.988 ng
RT: 14.710 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:154 Resp: 777765
Ion Ratio Lower Upper
154 100
153 113.0 91.1 136.7
152 54.2 44.0 66.0

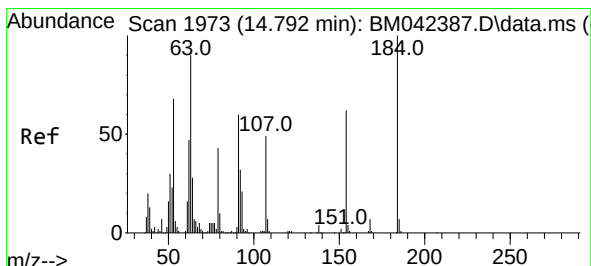
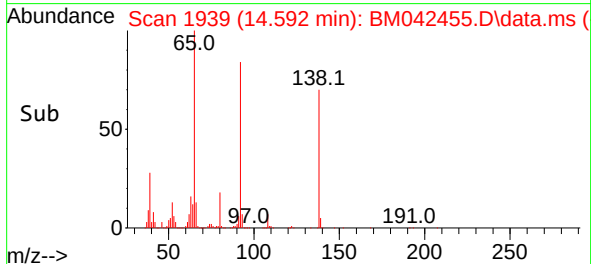
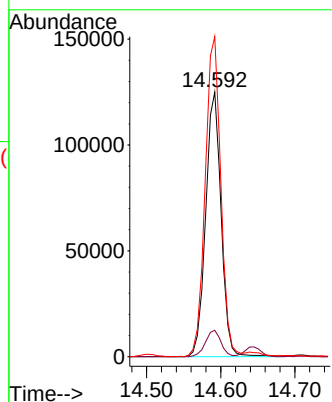
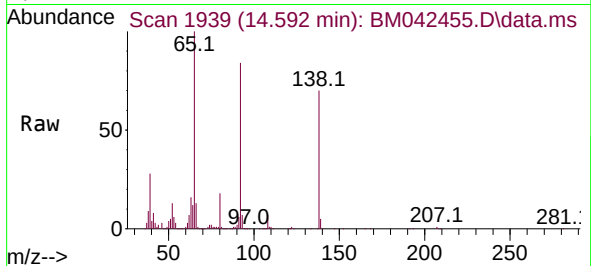




#53
3-Nitroaniline
Concen: 32.151 ng
RT: 14.592 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

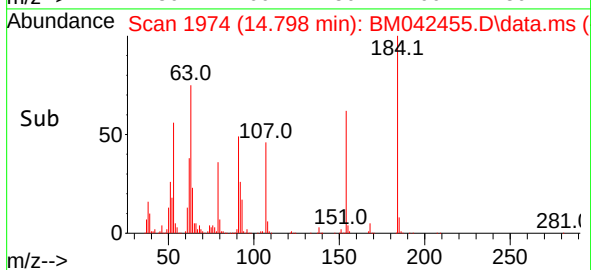
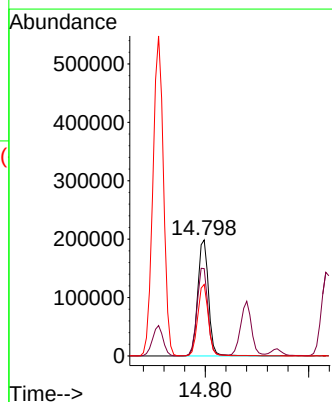
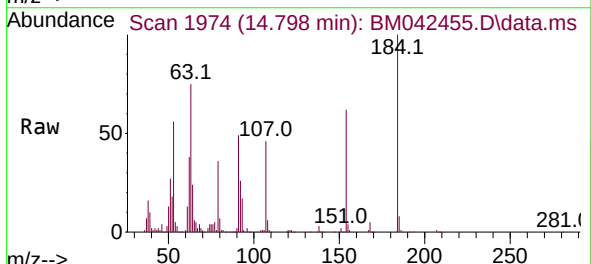
Instrument :
BNA_M
ClientSampleId :
PB156601BS

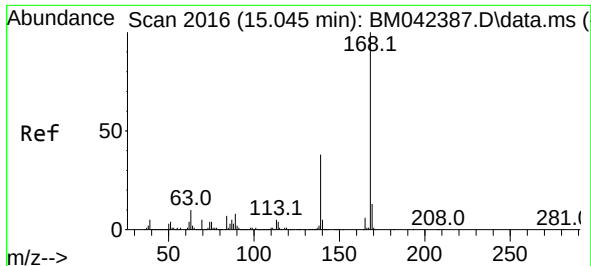
Tgt Ion:138 Resp: 181214
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 120.9 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 92.547 ng
RT: 14.798 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:184 Resp: 287020
Ion Ratio Lower Upper
184 100
63 75.4 72.2 108.2
154 61.6 49.6 74.4

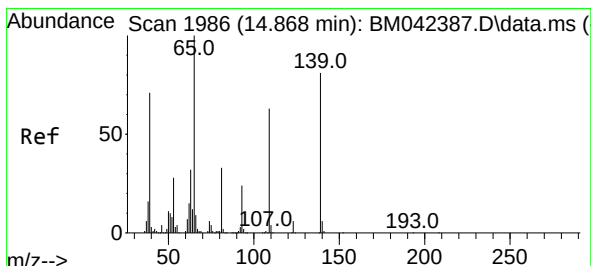
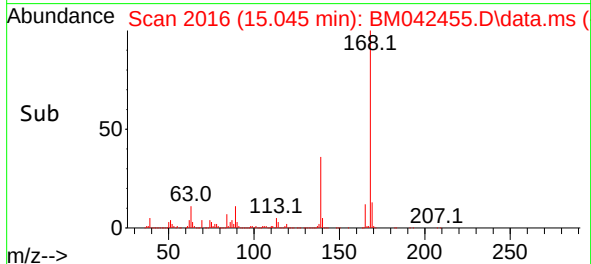
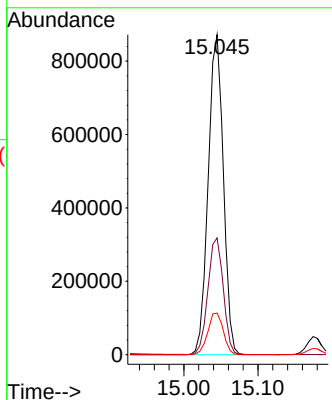
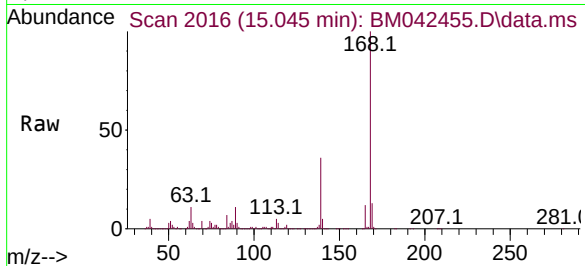




#55
Dibenzofuran
Concen: 46.294 ng
RT: 15.045 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

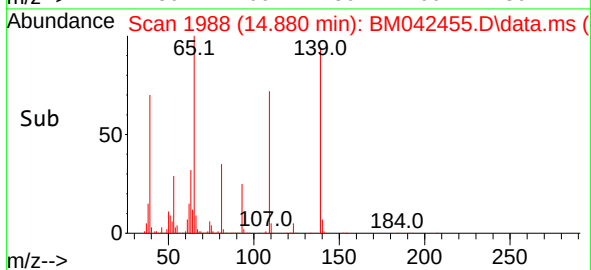
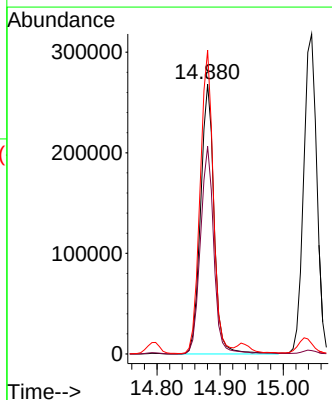
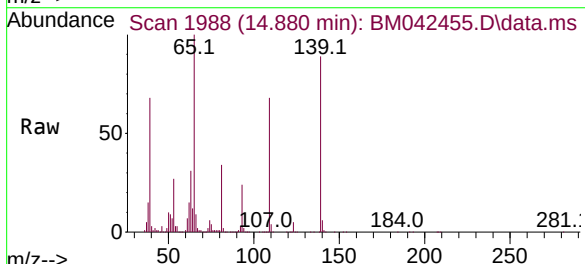
Instrument :
BNA_M
ClientSampleId :
PB156601BS

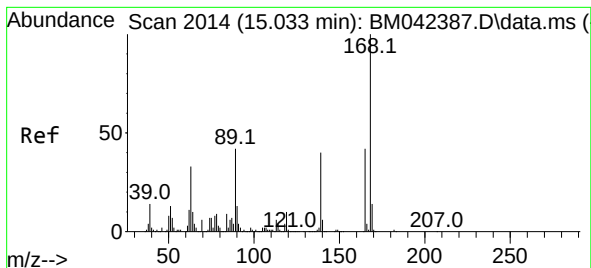
Tgt Ion:168 Resp: 1238334
Ion Ratio Lower Upper
168 100
139 36.5 30.6 46.0
169 13.0 10.4 15.6



#56
4-Nitrophenol
Concen: 89.458 ng
RT: 14.880 min Scan# 1986
Delta R.T. 0.012 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:139 Resp: 397872
Ion Ratio Lower Upper
139 100
109 76.9 58.0 98.0
65 112.6 104.2 144.2

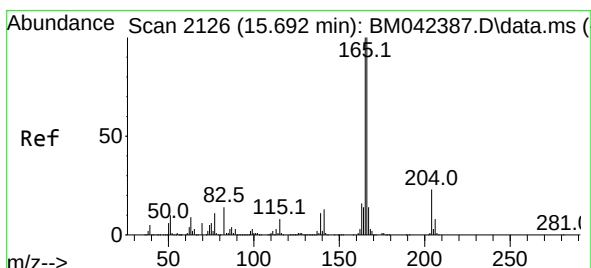
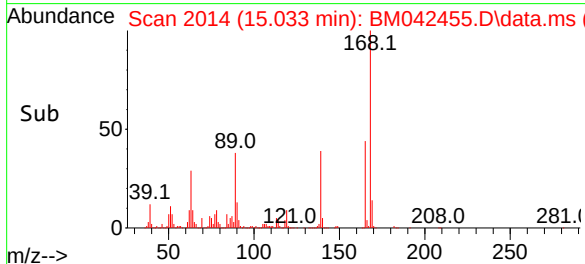
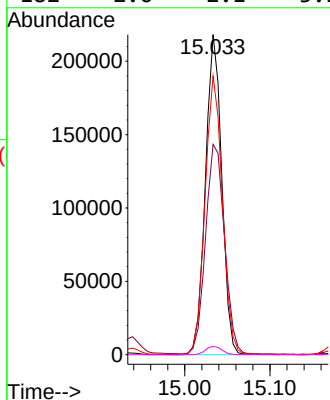
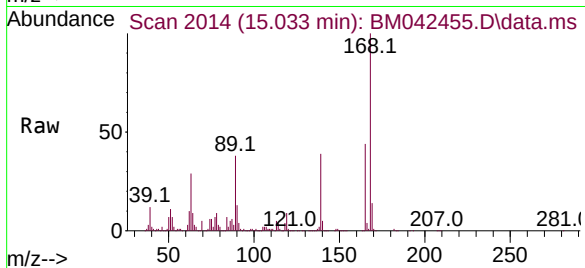




#57
2,4-Dinitrotoluene
Concen: 44.288 ng
RT: 15.033 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

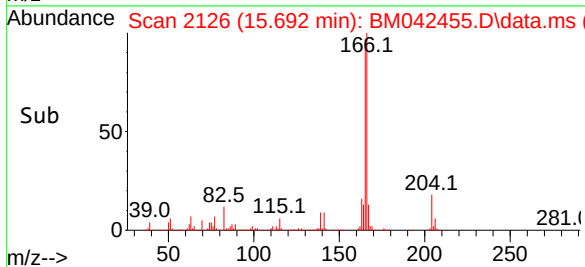
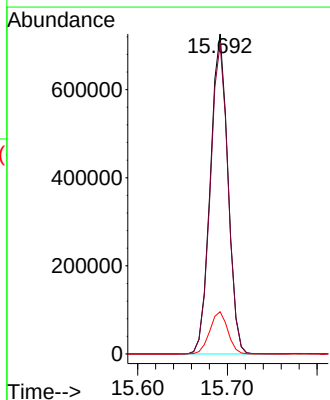
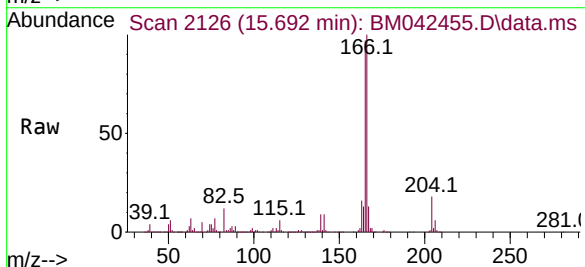
Instrument :
BNA_M
ClientSampleId :
PB156601BS

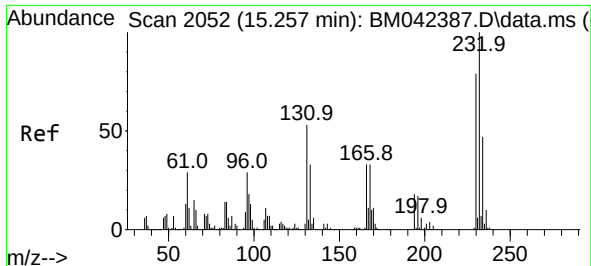
Tgt Ion:165 Resp: 289801
Ion Ratio Lower Upper
165 100
63 65.7 62.9 94.3
89 87.1 80.2 120.2
182 2.6 2.1 3.1



#58
Fluorene
Concen: 46.779 ng
RT: 15.692 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:166 Resp: 987415
Ion Ratio Lower Upper
166 100
165 96.9 79.6 119.4
167 13.2 10.9 16.3

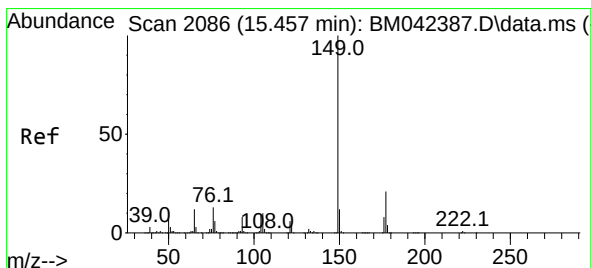
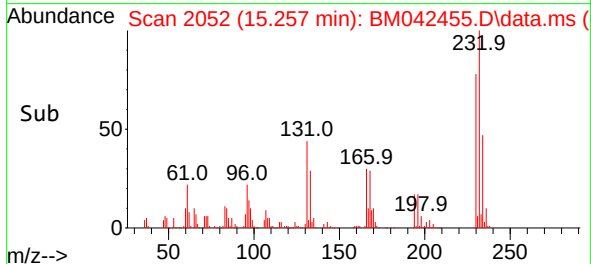
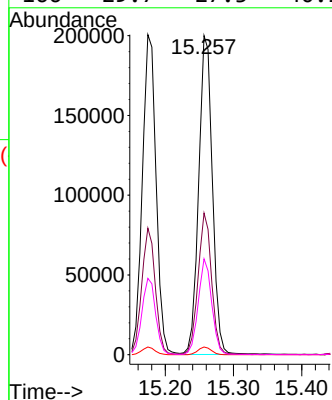
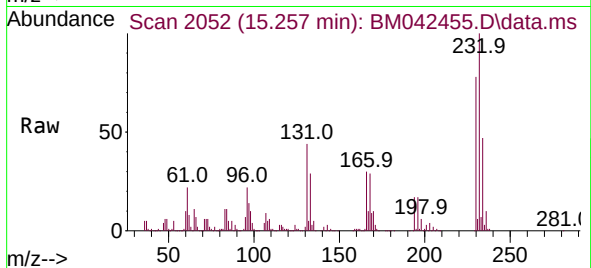




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.340 ng
RT: 15.257 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

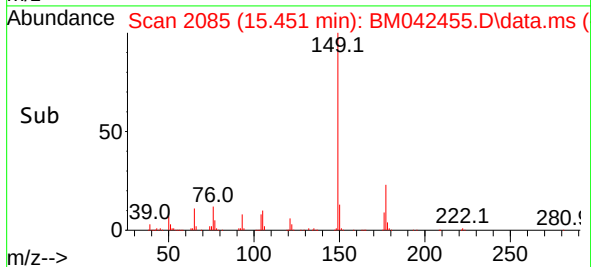
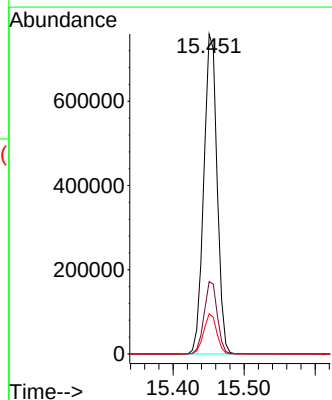
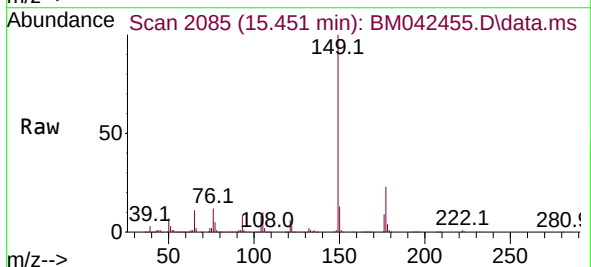
Instrument :
BNA_M
ClientSampleId :
PB156601BS

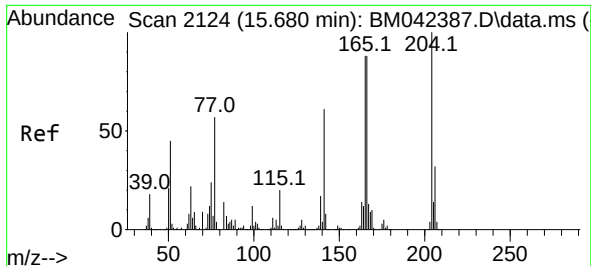
Tgt Ion:232 Resp: 278760
Ion Ratio Lower Upper
232 100
131 43.5 42.8 64.2
130 2.3 2.2 3.2
166 29.7 27.3 40.9



#60
Diethylphthalate
Concen: 46.053 ng
RT: 15.451 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:149 Resp: 992442
Ion Ratio Lower Upper
149 100
177 22.6 16.7 25.1
150 12.6 9.8 14.6

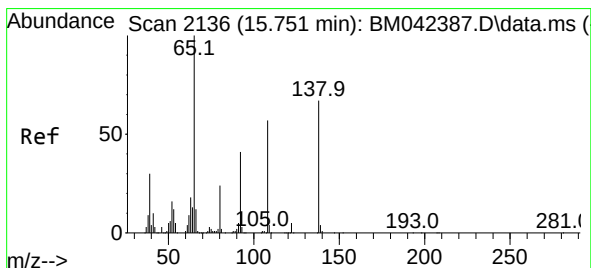
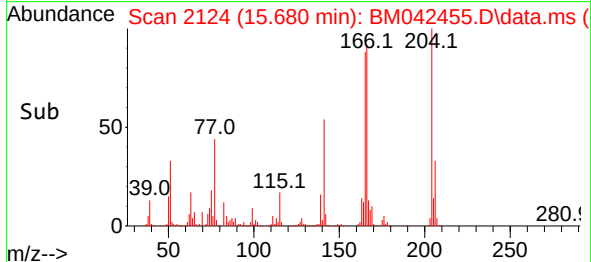
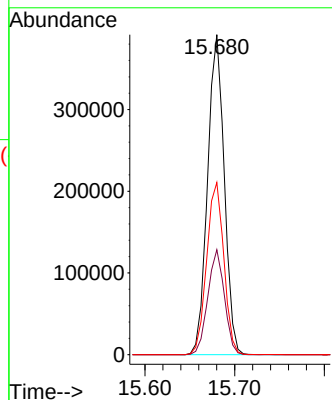
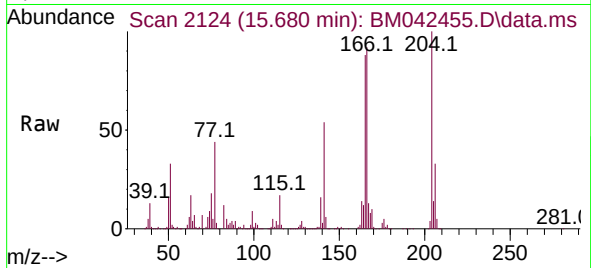




#61
4-Chlorophenyl-phenylether
Concen: 50.904 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

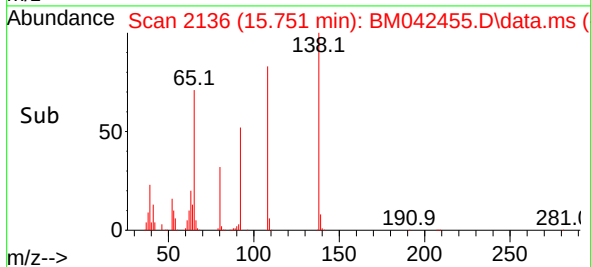
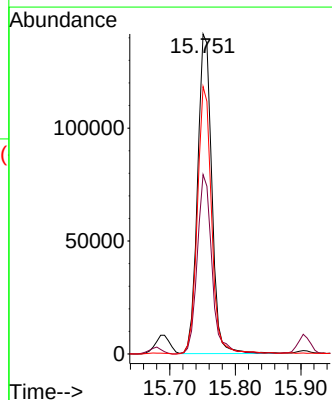
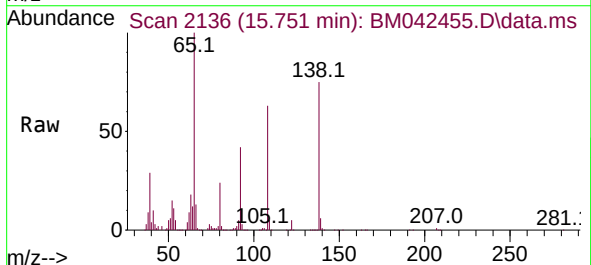
Instrument :
BNA_M
ClientSampleId :
PB156601BS

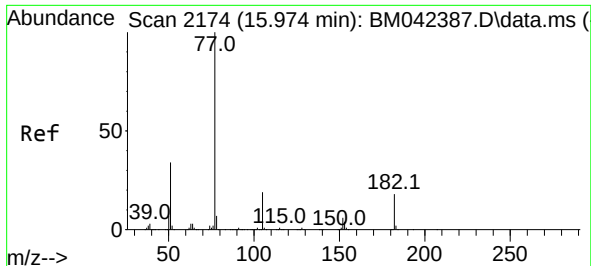
Tgt Ion:204 Resp: 506013
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 53.8 49.1 73.7



#62
4-Nitroaniline
Concen: 38.906 ng
RT: 15.751 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:138 Resp: 213886
Ion Ratio Lower Upper
138 100
92 56.0 40.4 80.4
108 83.6 65.3 105.3



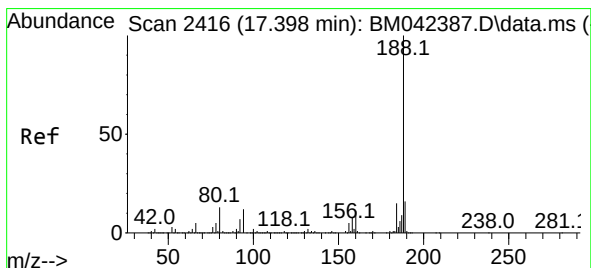
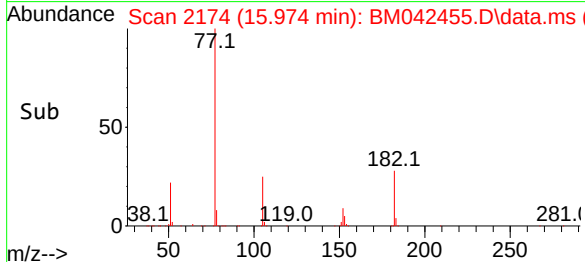
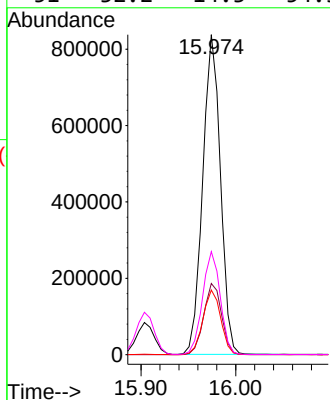
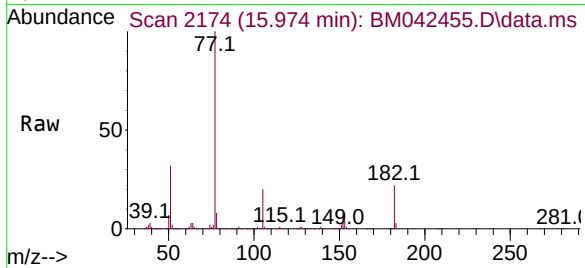


#63
Azobenzene
Concen: 42.138 ng
RT: 15.974 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Instrument :
BNA_M
ClientSampleId :
PB156601BS

Tgt Ion: 77 Resp: 1089471

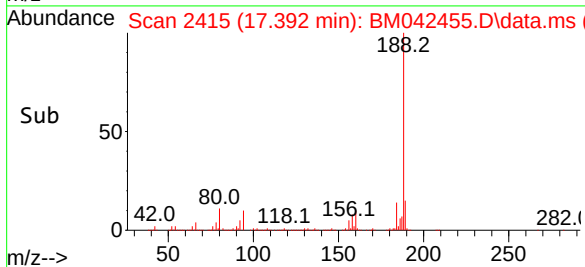
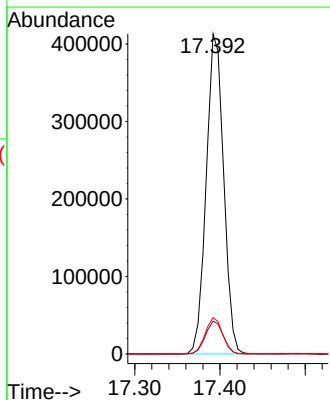
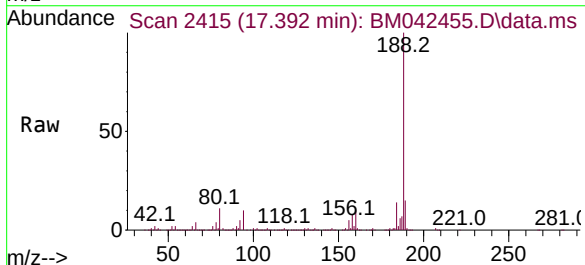
Ion	Ratio	Lower	Upper
77	100		
182	22.3	0.0	37.7
105	20.2	0.0	38.9
51	32.2	14.3	54.3

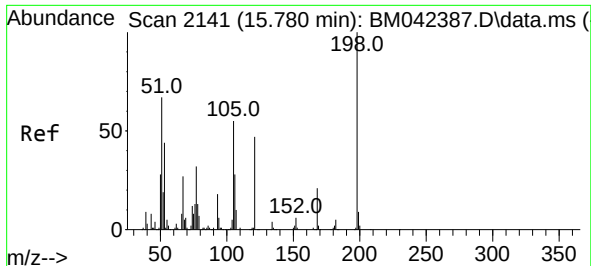


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion: 188 Resp: 586030

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.0
80	11.4	10.7	16.1

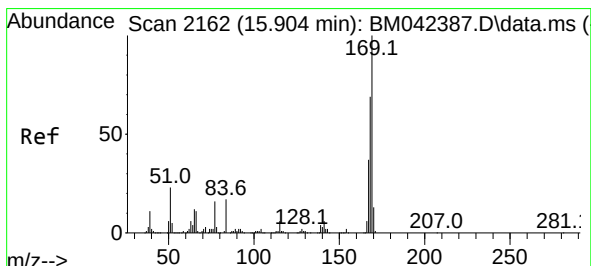
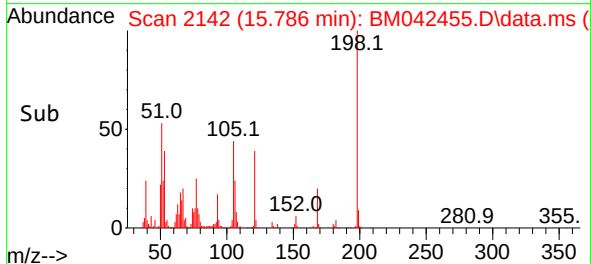
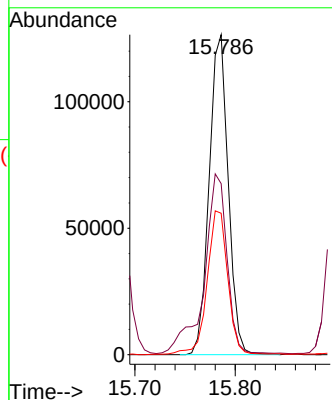
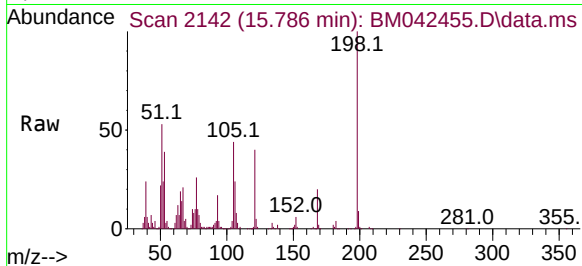




#65
4,6-Dinitro-2-methylphenol
Concen: 44.918 ng
RT: 15.786 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

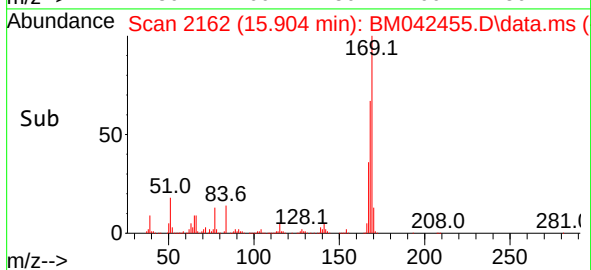
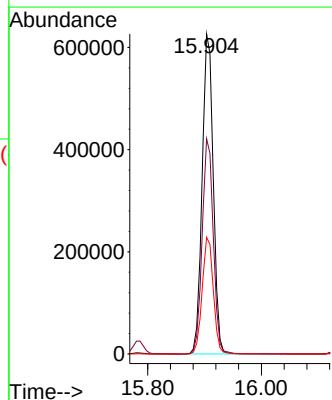
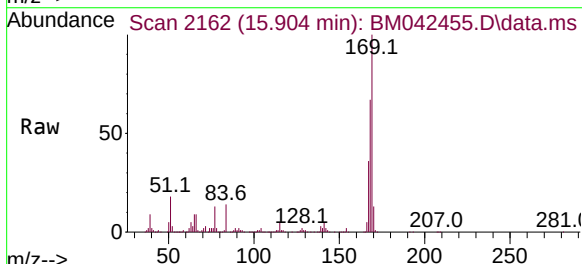
Instrument :
BNA_M
ClientSampleId :
PB156601BS

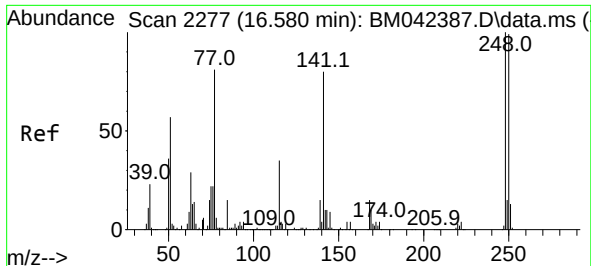
Tgt Ion:198 Resp: 166466
Ion Ratio Lower Upper
198 100
51 53.5 54.1 94.1#
105 44.2 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 48.103 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:169 Resp: 849076
Ion Ratio Lower Upper
169 100
168 67.2 55.4 83.2
167 36.5 29.9 44.9

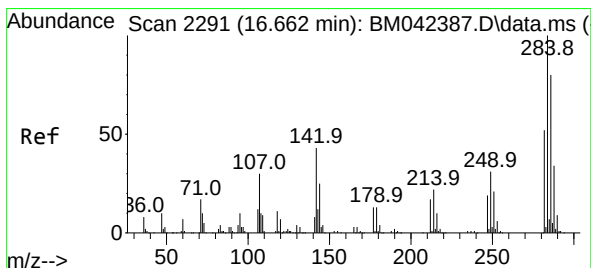
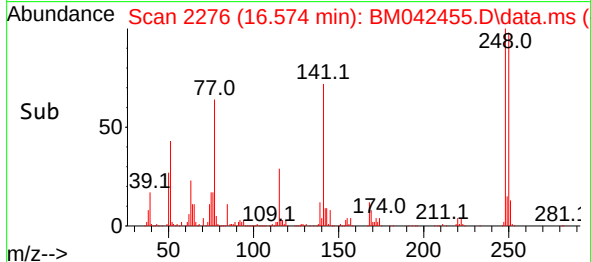
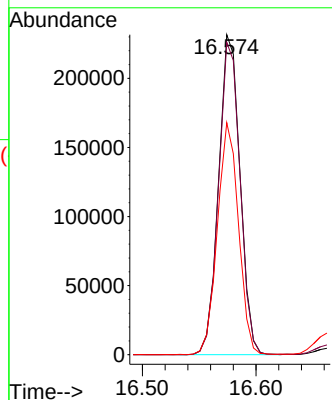
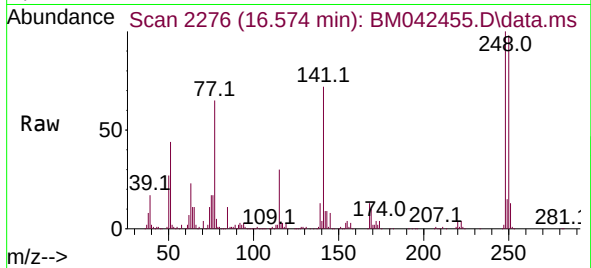




#67
4-Bromophenyl-phenylether
Concen: 55.832 ng
RT: 16.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

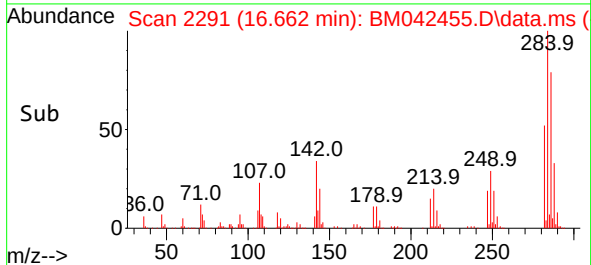
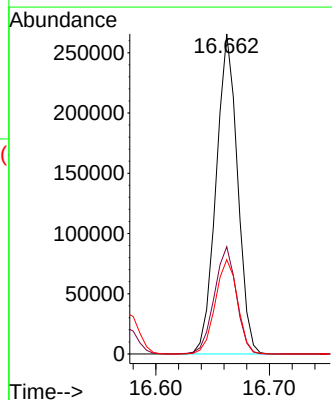
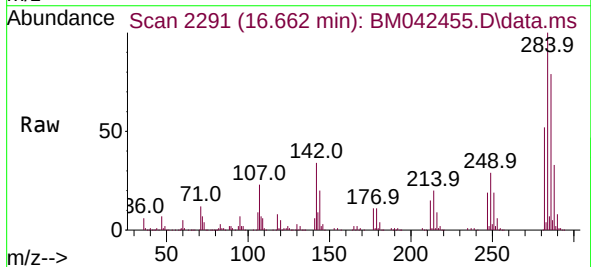
Instrument :
BNA_M
ClientSampleId :
PB156601BS

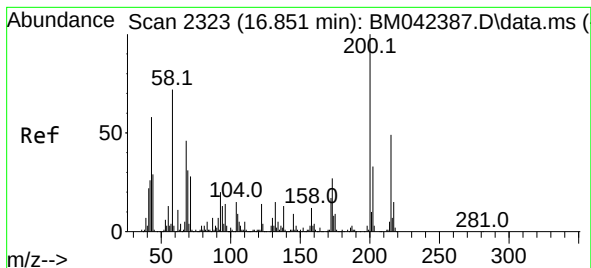
Tgt Ion:248 Resp: 303249
Ion Ratio Lower Upper
248 100
250 97.6 79.4 119.2
141 72.5 64.3 96.5



#68
Hexachlorobenzene
Concen: 59.984 ng
RT: 16.662 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:284 Resp: 348251
Ion Ratio Lower Upper
284 100
142 33.5 34.2 51.2#
249 29.4 24.7 37.1





#69

Atrazine

Concen: 66.048 ng

RT: 16.851 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Instrument :

BNA_M

ClientSampleId :

PB156601BS

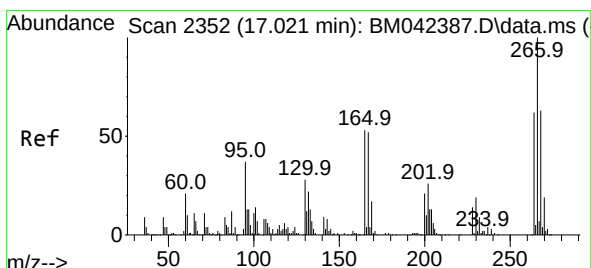
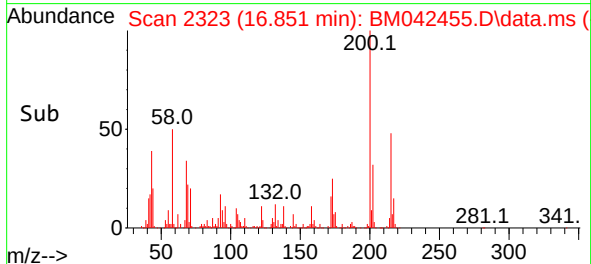
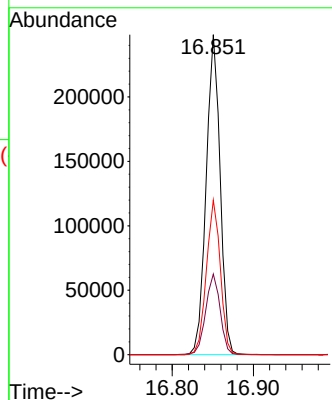
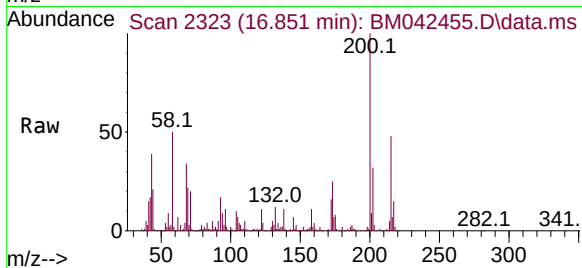
Tgt Ion:200 Resp: 295643

Ion Ratio Lower Upper

200 100

173 25.2 6.6 46.6

215 48.3 28.6 68.6



#70

Pentachlorophenol

Concen: 94.848 ng

RT: 17.021 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

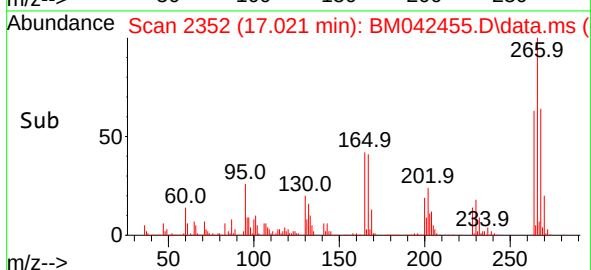
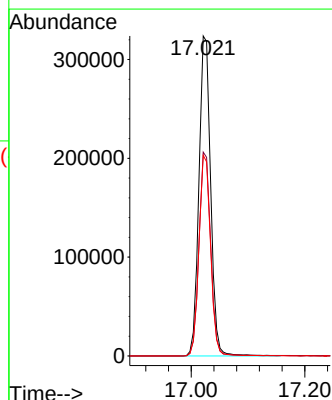
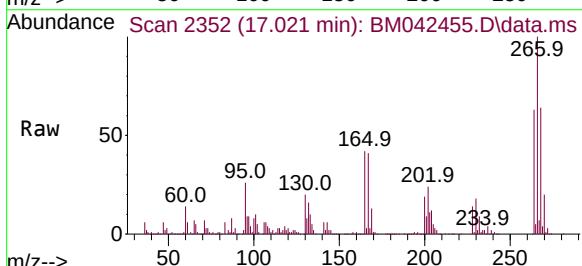
Tgt Ion:266 Resp: 465521

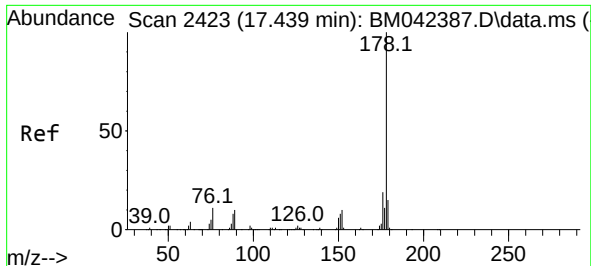
Ion Ratio Lower Upper

266 100

268 63.7 50.6 76.0

264 62.7 49.4 74.0

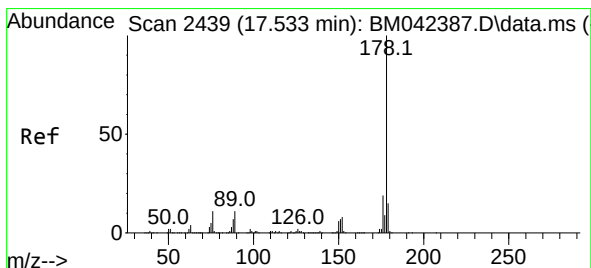
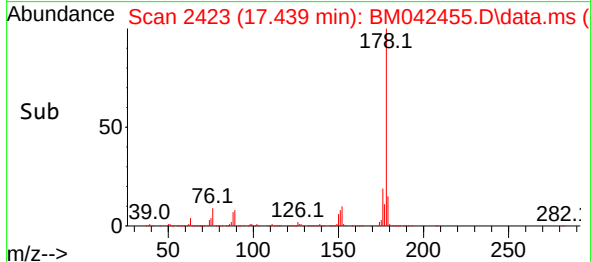
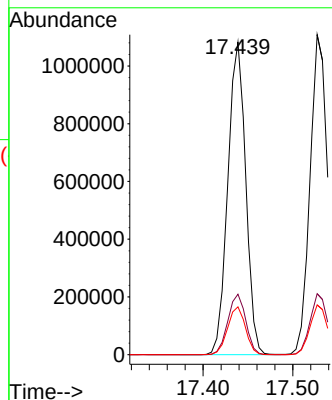
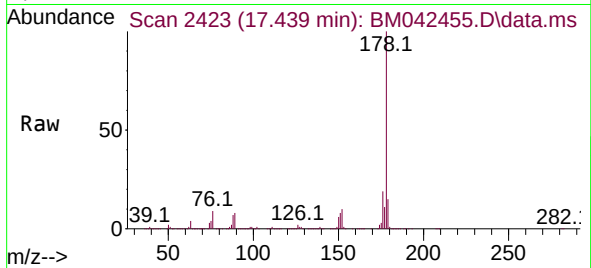




#71
Phenanthrene
Concen: 47.033 ng
RT: 17.439 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

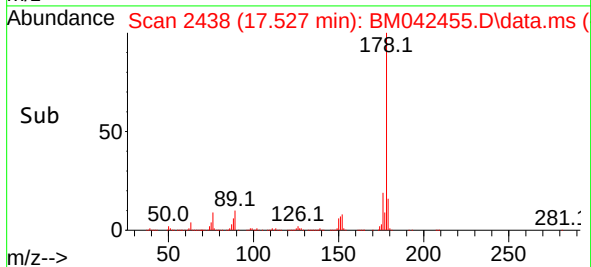
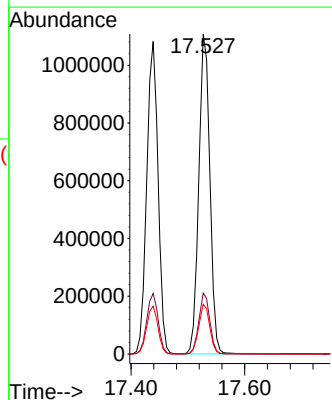
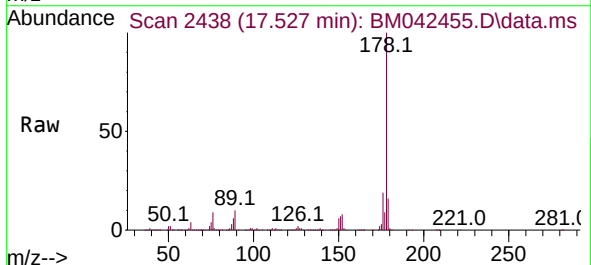
Instrument :
BNA_M
ClientSampleId :
PB156601BS

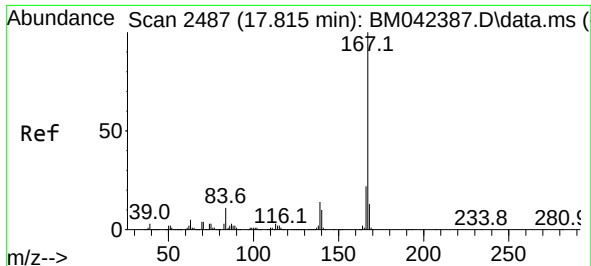
Tgt Ion:178 Resp: 1499425
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.3 18.5



#72
Anthracene
Concen: 47.729 ng
RT: 17.527 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:178 Resp: 1506989
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.6 12.1 18.1

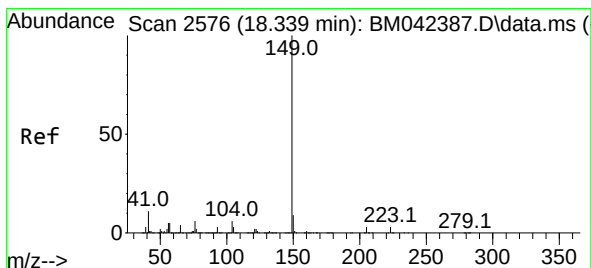
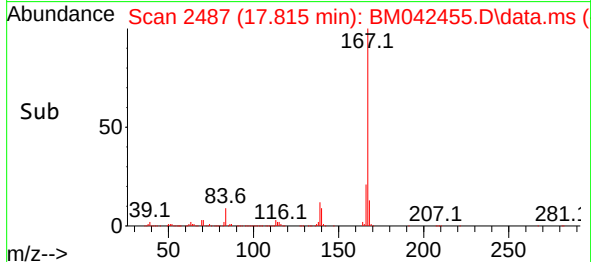
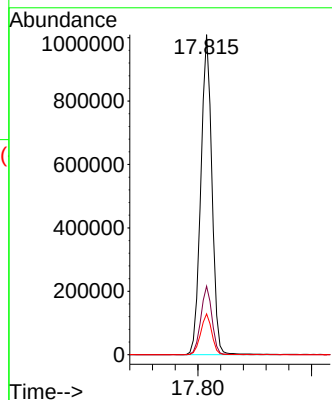
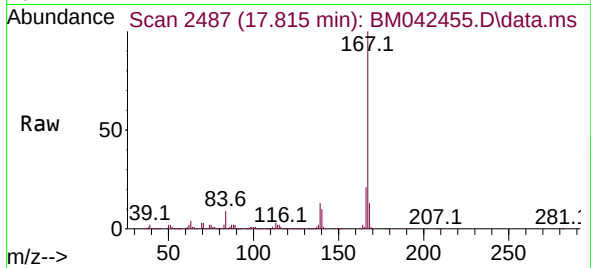




#73
 Carbazole
 Concen: 46.239 ng
 RT: 17.815 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BM042455.D
 Acq: 26 Oct 2023 16:36

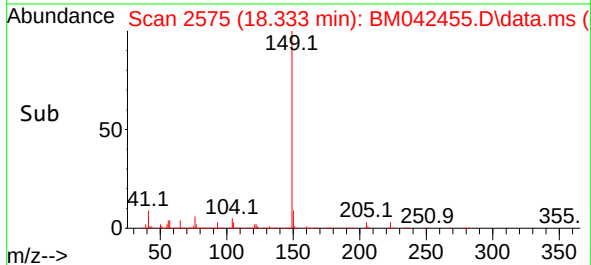
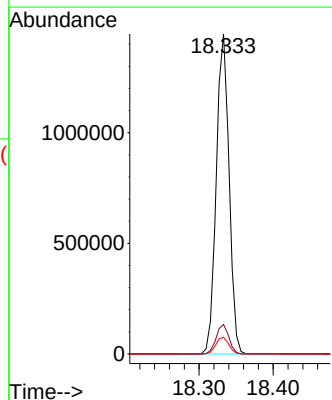
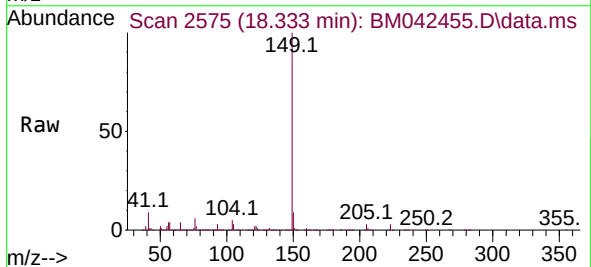
Instrument :
 BNA_M
 ClientSampleId :
 PB156601BS

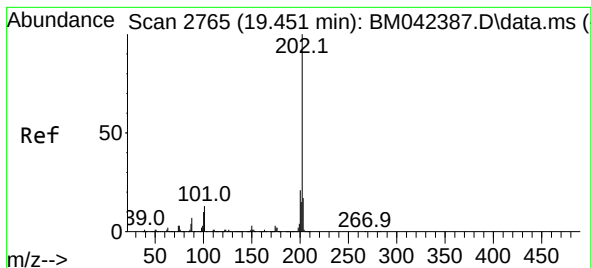
Tgt Ion:167 Resp: 1369594
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 46.231 ng
 RT: 18.333 min Scan# 2575
 Delta R.T. -0.006 min
 Lab File: BM042455.D
 Acq: 26 Oct 2023 16:36

Tgt Ion:149 Resp: 1729876
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.6 7.0





#75

Fluoranthene

Concen: 48.353 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Instrument :

BNA_M

ClientSampleId :

PB156601BS

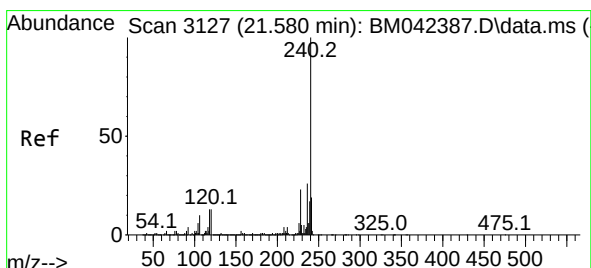
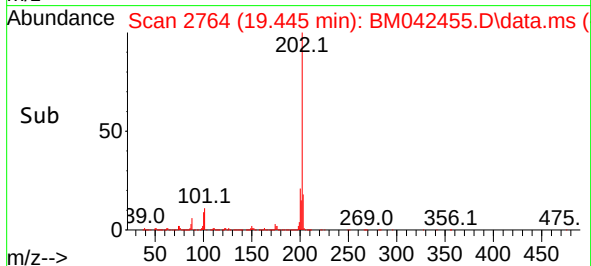
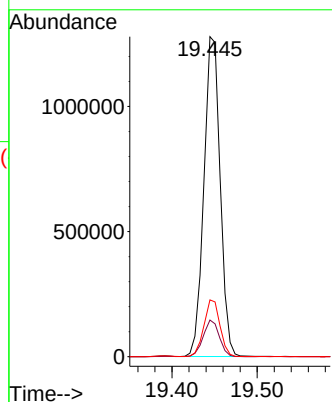
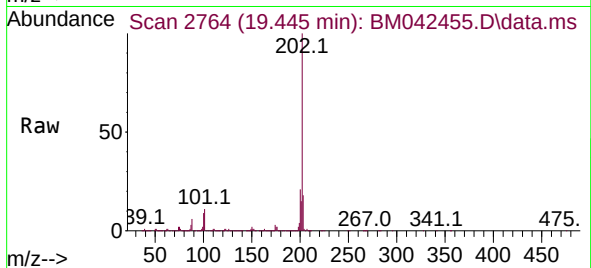
Tgt Ion:202 Resp: 1697712

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.3

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

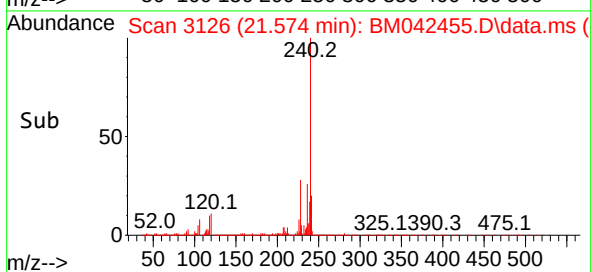
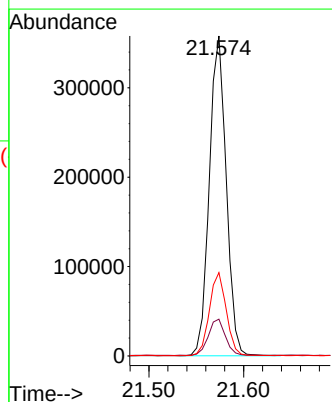
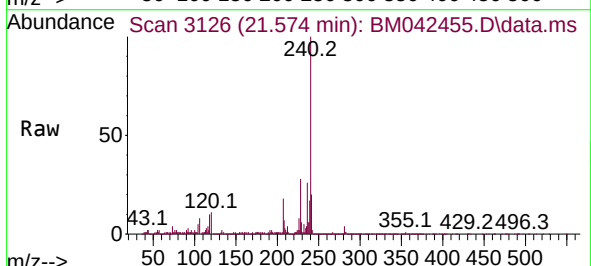
Tgt Ion:240 Resp: 444274

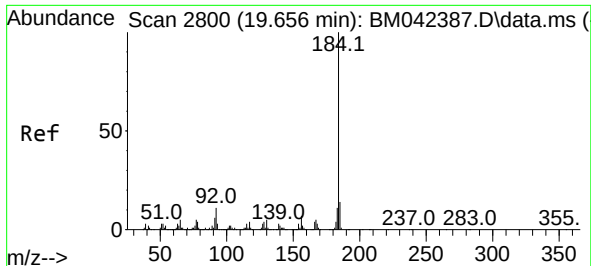
Ion Ratio Lower Upper

240 100

120 11.5 10.7 16.1

236 26.1 20.7 31.1

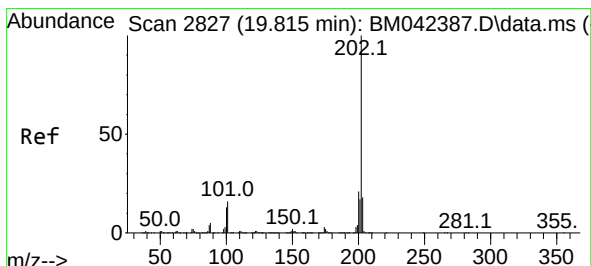
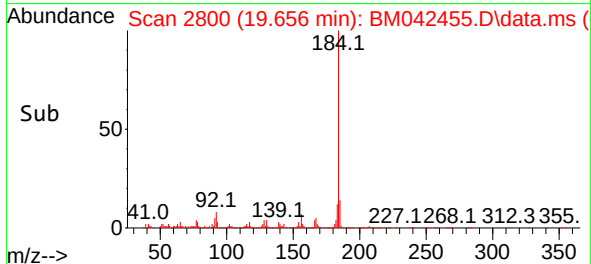
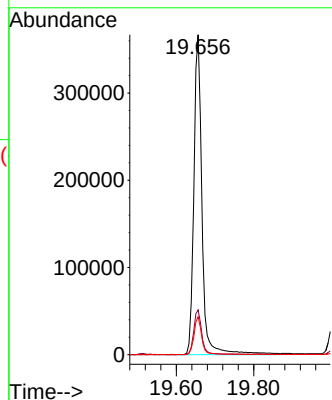
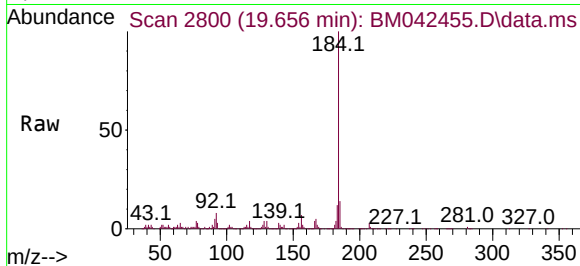




#77
Benzidine
Concen: 83.704 ng
RT: 19.656 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

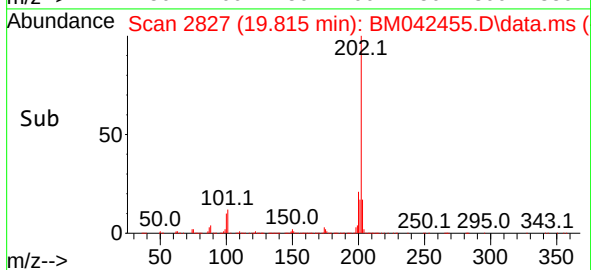
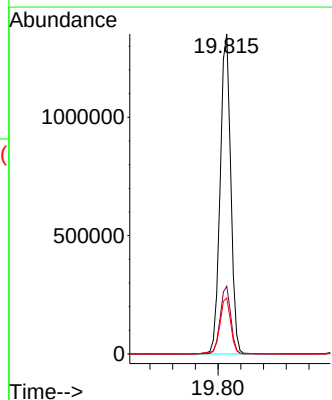
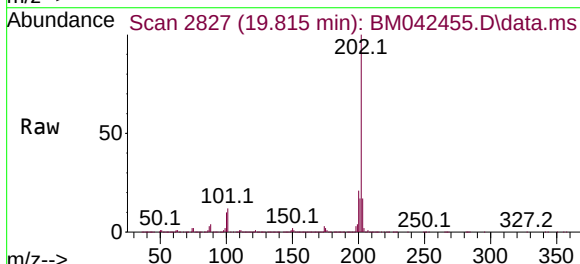
Instrument :
BNA_M
ClientSampleId :
PB156601BS

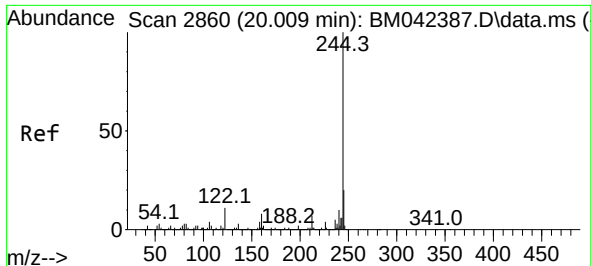
Tgt Ion:184 Resp: 537888
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.8 9.2 13.8



#78
Pyrene
Concen: 56.170 ng
RT: 19.815 min Scan# 2827
Delta R.T. -0.000 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:202 Resp: 1743824
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.5 14.1 21.1

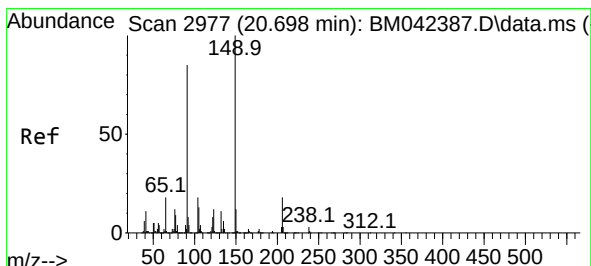
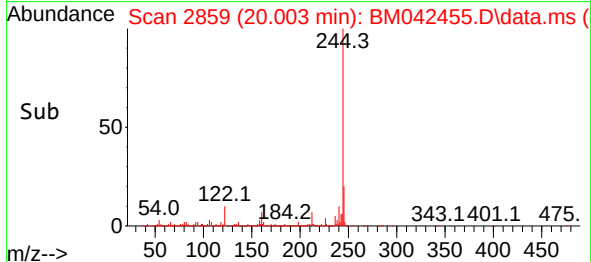
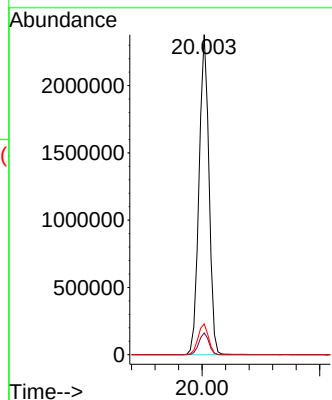
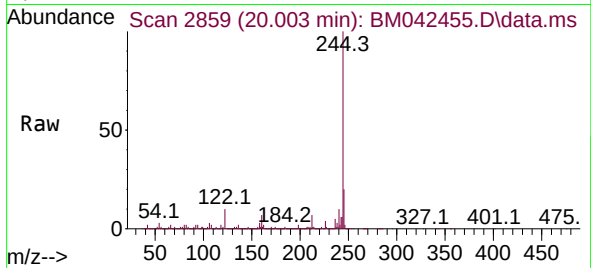




#79
 Terphenyl-d14
 Concen: 110.956 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042455.D
 Acq: 26 Oct 2023 16:36

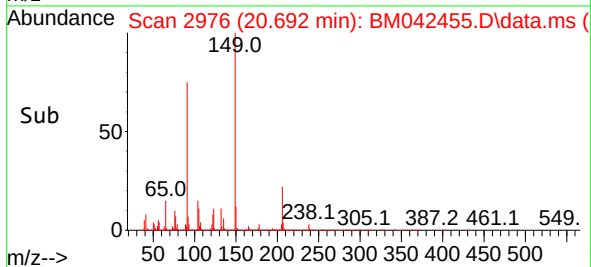
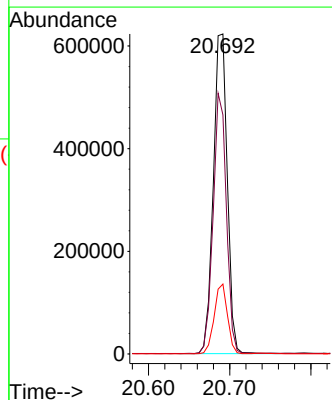
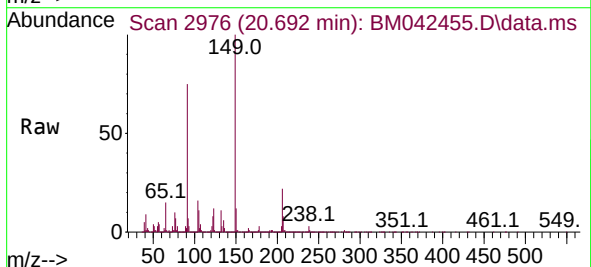
Instrument :
 BNA_M
 ClientSampleId :
 PB156601BS

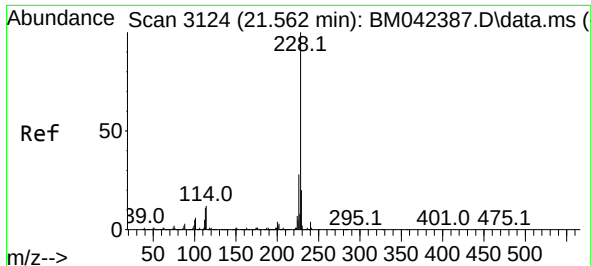
Tgt Ion:244 Resp: 2779539
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.6 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 52.386 ng
 RT: 20.692 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BM042455.D
 Acq: 26 Oct 2023 16:36

Tgt Ion:149 Resp: 741708
 Ion Ratio Lower Upper
 149 100
 91 74.7 68.3 102.5
 206 21.8 14.6 22.0

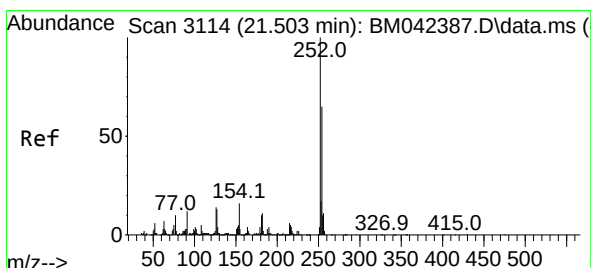
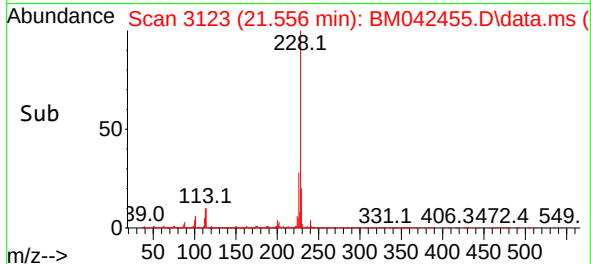
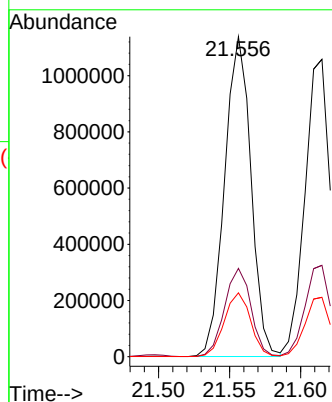
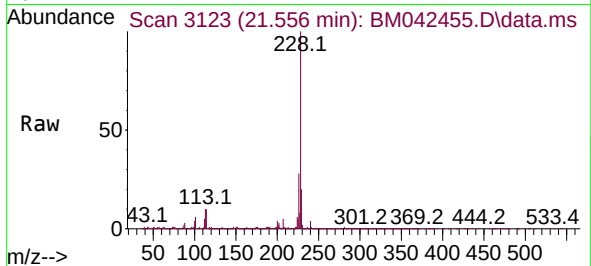




#81
Benzo(a)anthracene
Concen: 49.404 ng
RT: 21.556 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

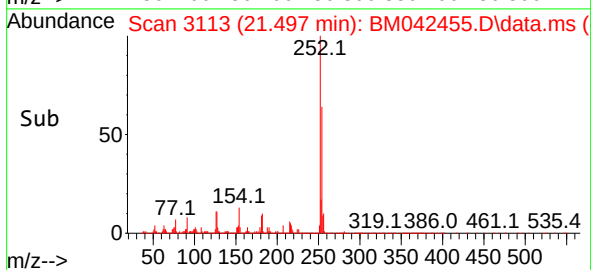
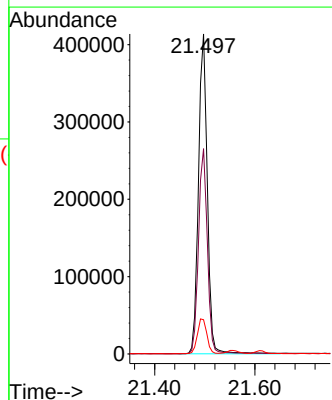
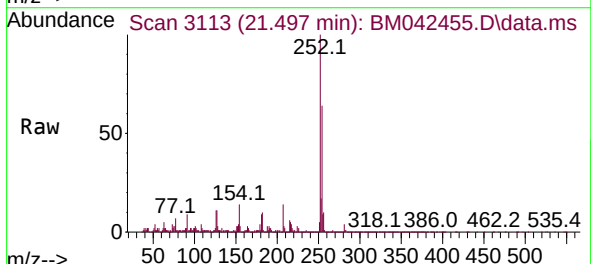
Instrument :
BNA_M
ClientSampleId :
PB156601BS

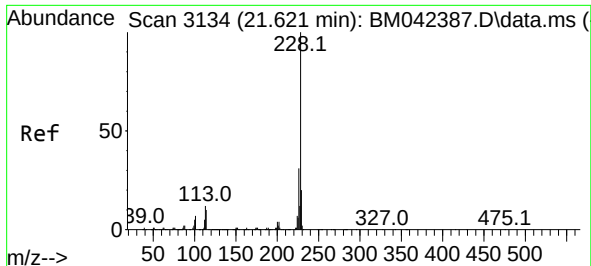
Tgt Ion:228 Resp: 1471418
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 56.874 ng
RT: 21.497 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:252 Resp: 505661
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.2
126 10.7 11.4 17.2#

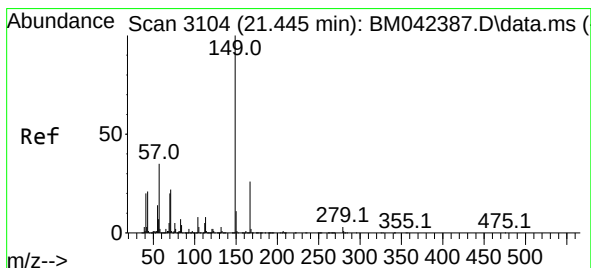
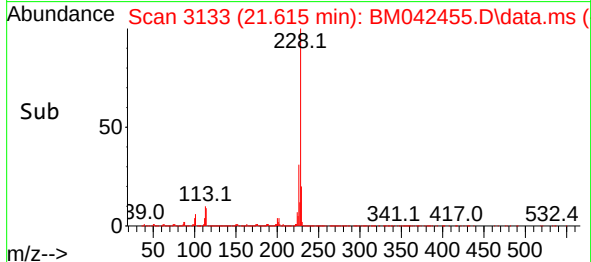
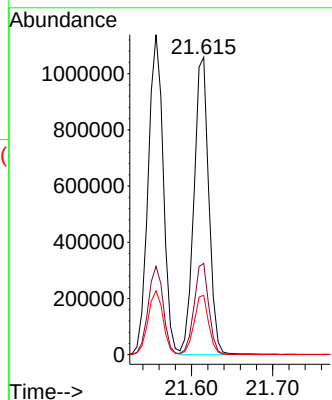
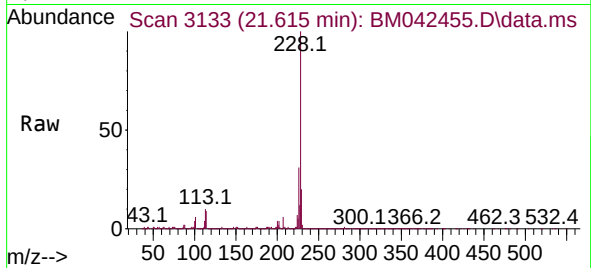




#83
Chrysene
Concen: 46.903 ng
RT: 21.615 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

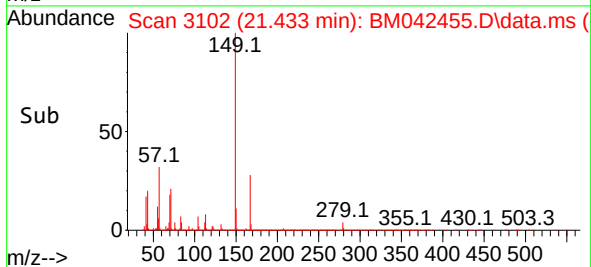
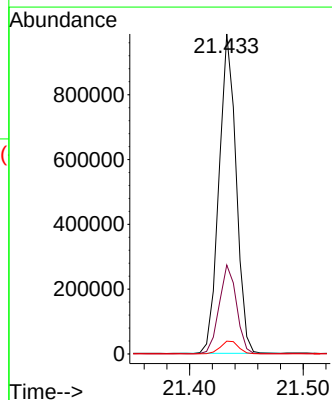
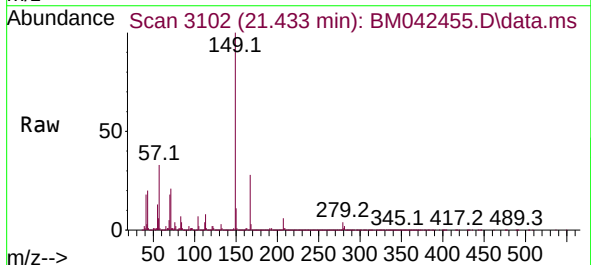
Instrument :
BNA_M
ClientSampleId :
PB156601BS

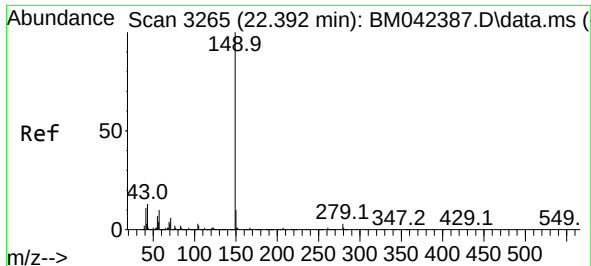
Tgt Ion:228 Resp: 1341702
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 20.0 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.341 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:149 Resp: 1032185
Ion Ratio Lower Upper
149 100
167 27.8 20.9 31.3
279 4.0 2.7 4.1

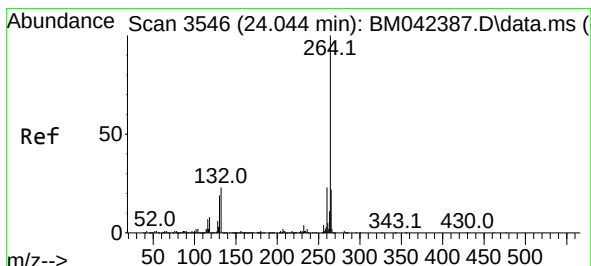
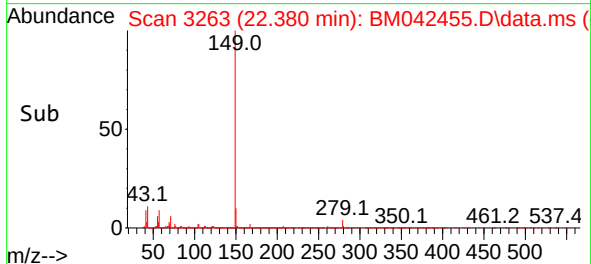
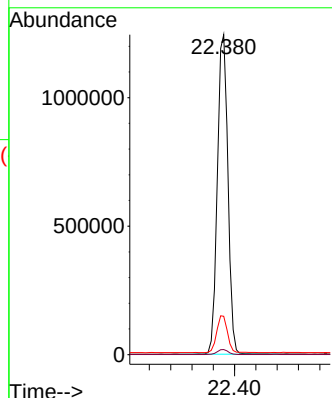
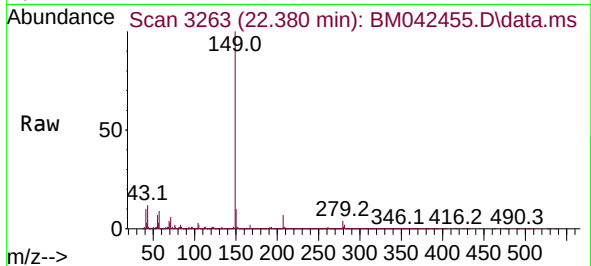




#85
Di-n-octyl phthalate
Concen: 49.486 ng
RT: 22.380 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

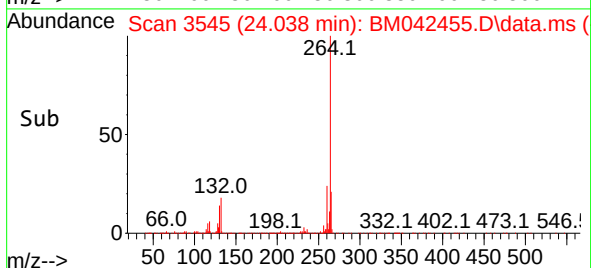
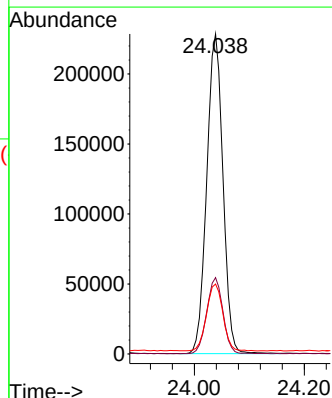
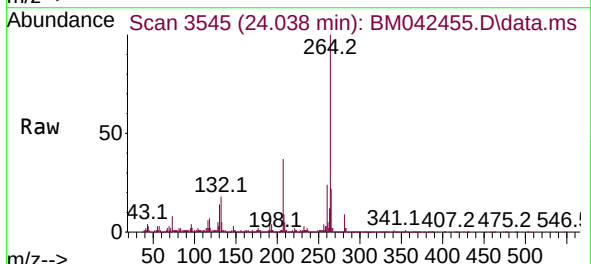
Instrument :
BNA_M
ClientSampleId :
PB156601BS

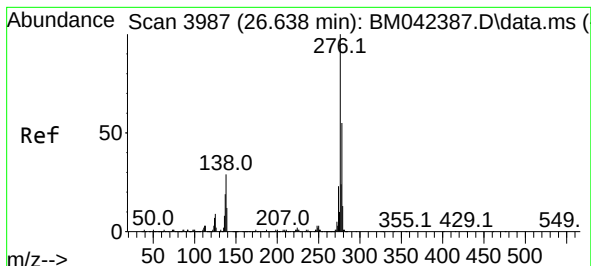
Tgt Ion:149 Resp: 1711267
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.038 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BM042455.D
Acq: 26 Oct 2023 16:36

Tgt Ion:264 Resp: 466755
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 21.9 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.146 ng

RT: 26.632 min Scan# 3987

Delta R.T. -0.006 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Instrument :

BNA_M

ClientSampleId :

PB156601BS

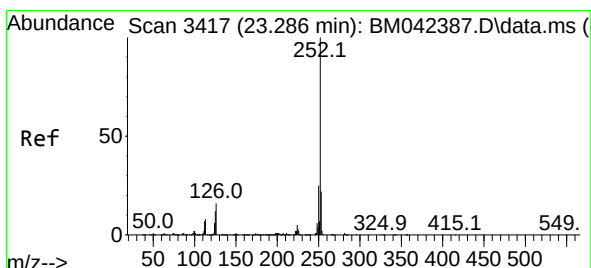
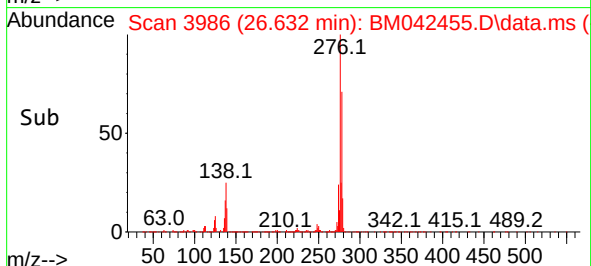
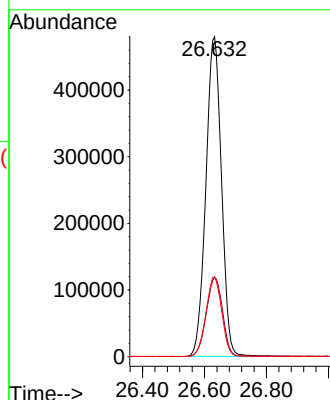
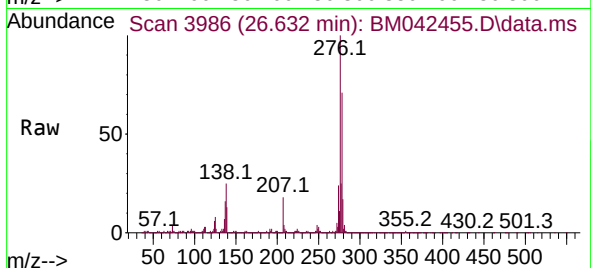
Tgt Ion:276 Resp: 1676389

Ion Ratio Lower Upper

276 100

138 25.8 25.6 38.4

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.081 ng

RT: 23.274 min Scan# 3415

Delta R.T. -0.012 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

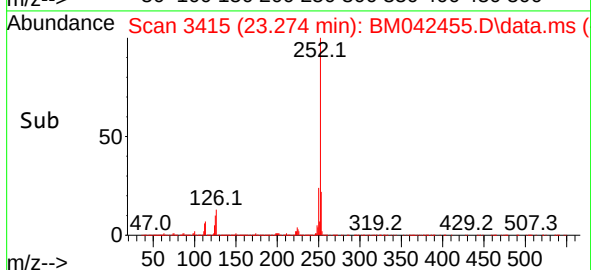
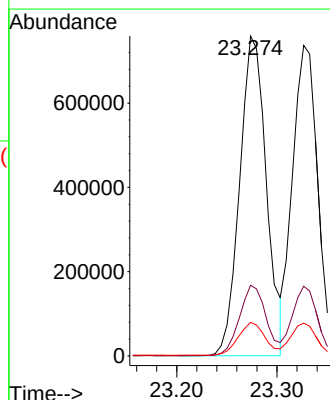
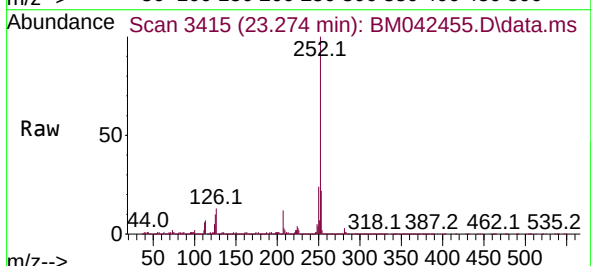
Tgt Ion:252 Resp: 1407038

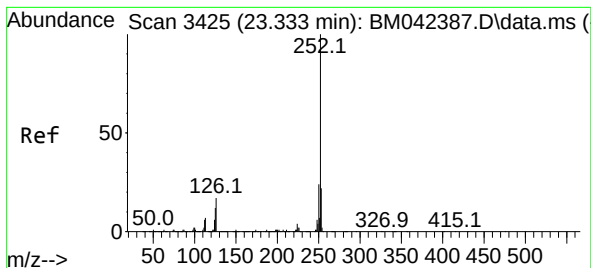
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 10.5 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 44.046 ng

RT: 23.327 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Instrument :

BNA_M

ClientSampleId :

PB156601BS

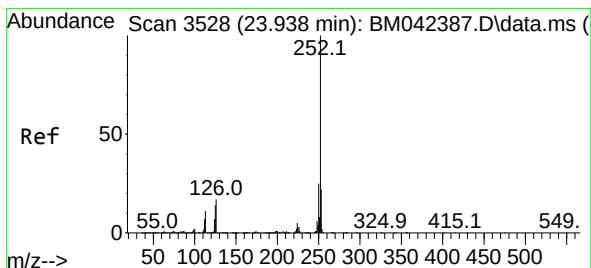
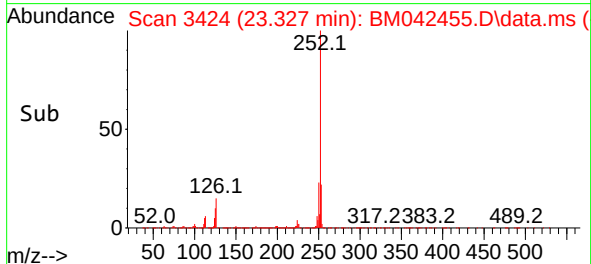
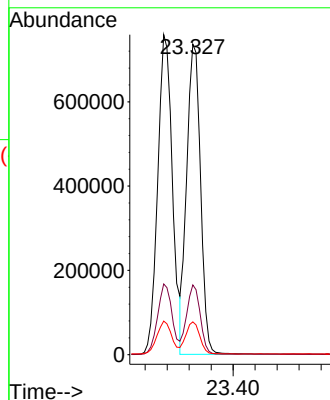
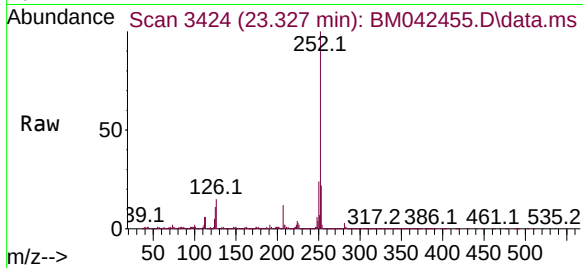
Tgt Ion:252 Resp: 1284785

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 10.6 10.2 15.2



#90

Benzo(a)pyrene

Concen: 44.863 ng

RT: 23.927 min Scan# 3526

Delta R.T. -0.012 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

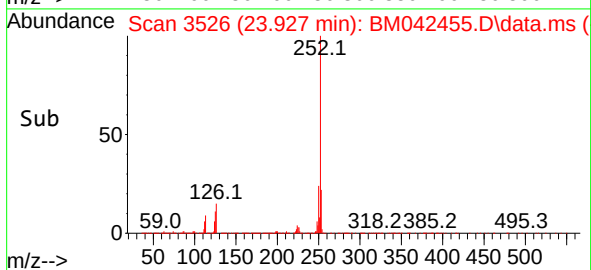
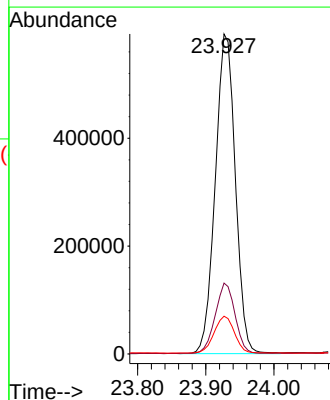
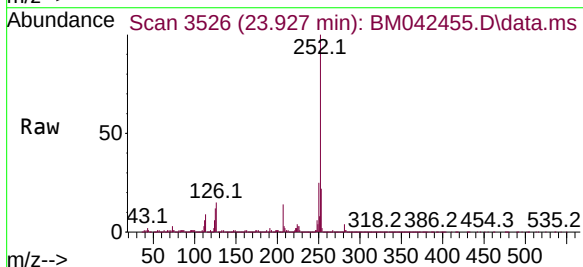
Tgt Ion:252 Resp: 1213183

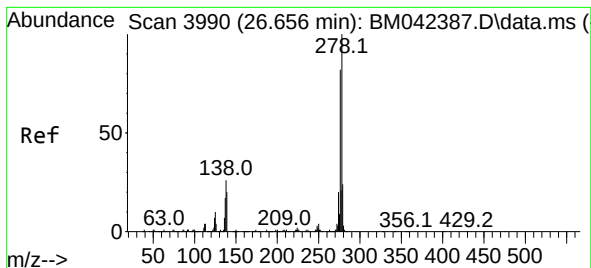
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 11.8 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 49.190 ng

RT: 26.650 min Scan# 3990

Delta R.T. -0.006 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Instrument :

BNA_M

ClientSampleId :

PB156601BS

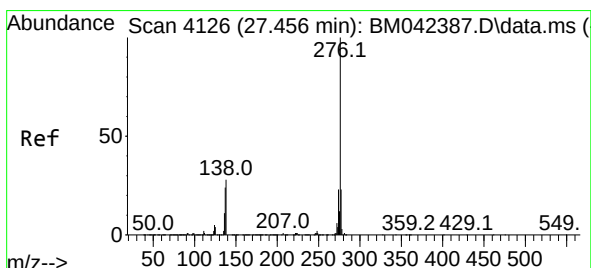
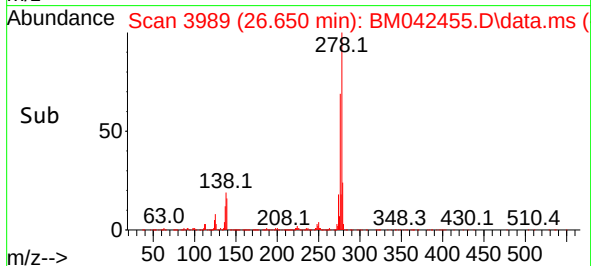
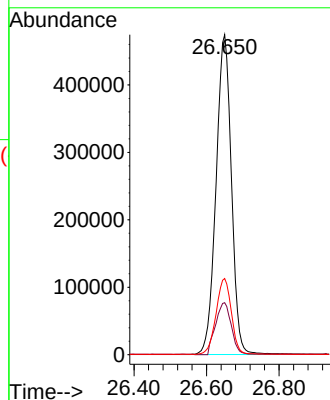
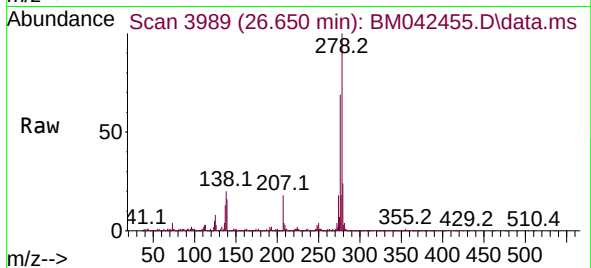
Tgt Ion:278 Resp: 1395024

Ion Ratio Lower Upper

278 100

139 16.3 15.6 23.4

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 49.991 ng

RT: 27.444 min Scan# 4124

Delta R.T. -0.012 min

Lab File: BM042455.D

Acq: 26 Oct 2023 16:36

Tgt Ion:276 Resp: 1376850

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 21.8 22.6 34.0#

