

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042457.D
 Acq On : 26 Oct 2023 17:51
 Operator : MA/JU
 Sample : PB156649BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156649BS

Quant Time: Oct 26 18:40:09 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	136722	20.000	ng	0.00
21) Naphthalene-d8	10.822	136	548039	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	302641	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	579498	20.000	ng	0.00
76) Chrysene-d12	21.574	240	418902	20.000	ng	0.00
86) Perylene-d12	24.033	264	415979	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1305574	134.959	ng	0.00
7) Phenol-d6	7.157	99	1665044	128.435	ng	0.00
23) Nitrobenzene-d5	9.198	82	1113947	89.881	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	575988	169.324	ng	0.00
45) 2-Fluorobiphenyl	13.269	172	2201444	97.954	ng	0.00
79) Terphenyl-d14	20.004	244	2845807	120.482	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	155812	34.205	ng	98
3) Pyridine	3.810	79	390954	29.253	ng	97
4) n-Nitrosodimethylamine	3.740	42	252892	37.478	ng	91
6) Aniline	7.340	93	492114	29.814	ng	97
8) 2-Chlorophenol	7.551	128	473158	49.292	ng	95
9) Benzaldehyde	7.157	77	74773	9.903	ng	97
10) Phenol	7.181	94	597349	44.592	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	478616	43.518	ng	98
12) 1,3-Dichlorobenzene	7.881	146	494668	49.822	ng	97
13) 1,4-Dichlorobenzene	8.034	146	508141	50.843	ng	98
14) 1,2-Dichlorobenzene	8.345	146	487771	50.827	ng	98
15) Benzyl Alcohol	8.257	79	442531	46.048	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	756011	43.443	ng	99
17) 2-Methylphenol	8.440	107	389771	44.093	ng	97
18) Hexachloroethane	9.063	117	199744	51.915	ng	# 90
19) n-Nitroso-di-n-propyla...	8.816	70	394230	44.866	ng	97
20) 3+4-Methylphenols	8.775	107	524891	44.270	ng	98
22) Acetophenone	8.851	105	710468	47.519	ng	# 96
24) Nitrobenzene	9.245	77	573927	46.288	ng	95
25) Isophorone	9.751	82	1027197	48.770	ng	98
26) 2-Nitrophenol	9.945	139	252660	52.666	ng	94
27) 2,4-Dimethylphenol	9.981	122	391913	45.874	ng	98
28) bis(2-Chloroethoxy)met...	10.239	93	629077	47.143	ng	99
29) 2,4-Dichlorophenol	10.463	162	430200	57.904	ng	97
30) 1,2,4-Trichlorobenzene	10.669	180	461826	57.984	ng	99
31) Naphthalene	10.875	128	1411849	50.155	ng	100
32) Benzoic acid	10.128	122	334175	52.872	ng	100
33) 4-Chloroaniline	11.010	127	202378	16.559	ng	98
34) Hexachlorobutadiene	11.098	225	280415	65.062	ng	99
35) Caprolactam	11.839	113	134592	45.929	ng	92
36) 4-Chloro-3-methylphenol	12.104	107	454385	50.681	ng	98
37) 2-Methylnaphthalene	12.475	142	924351	48.780	ng	98
38) 1-Methylnaphthalene	12.692	142	896850	50.521	ng	100
40) 1,2,4,5-Tetrachloroben...	12.822	216	509940	58.284	ng	98
41) Hexachlorocyclopentadiene	12.769	237	512312	106.394	ng	98
43) 2,4,6-Trichlorophenol	13.075	196	332035	58.624	ng	99

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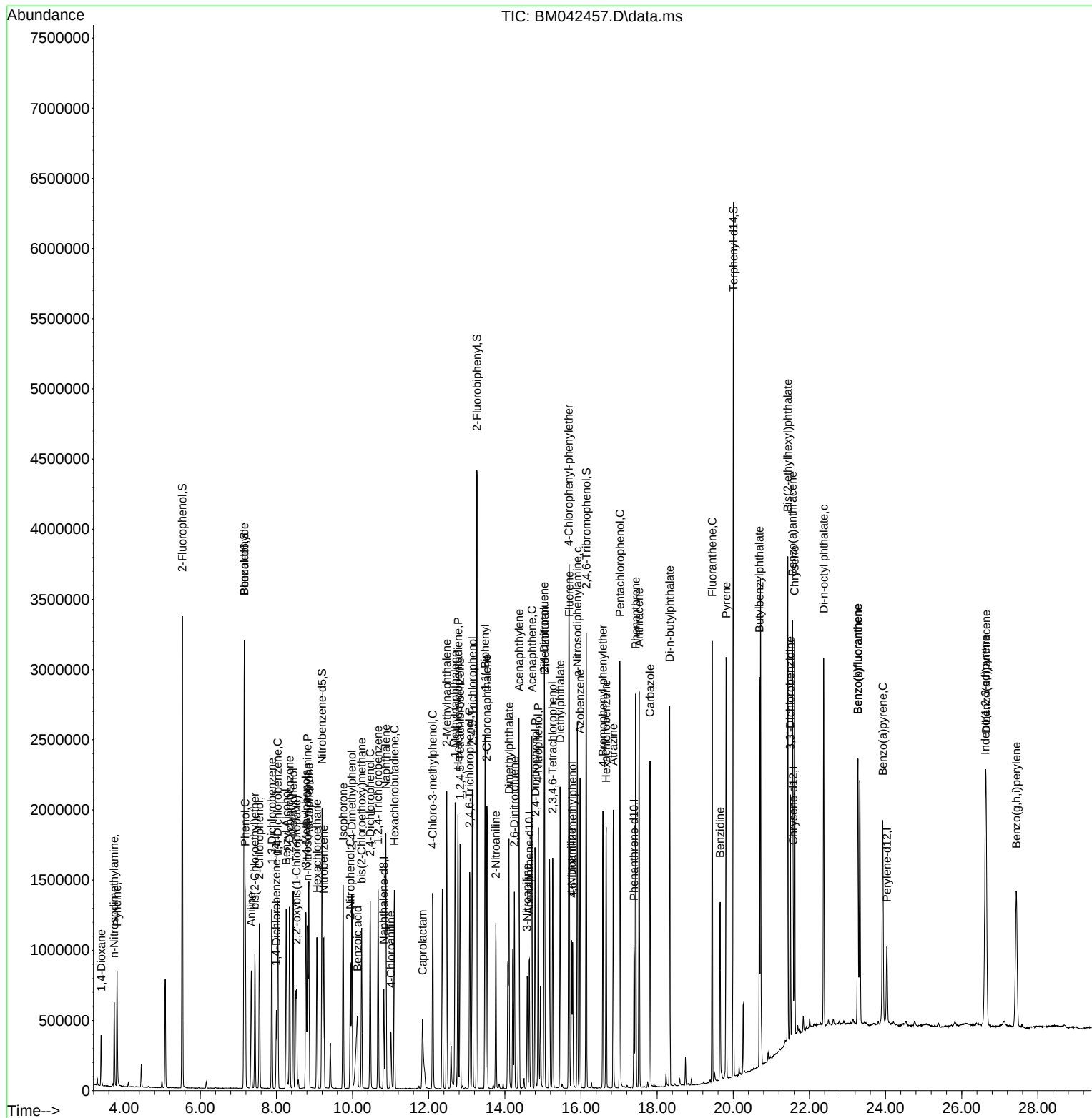
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44) 2,4,5-Trichlorophenol	13.145	196	356704	53.277	ng	93
46) 1,1'-Biphenyl	13.480	154	1215581	50.631	ng	98
47) 2-Chloronaphthalene	13.527	162	917080	52.065	ng	99
48) 2-Nitroaniline	13.763	65	316061	41.174	ng	90
49) Acenaphthylene	14.374	152	1500321	52.760	ng	99
50) Dimethylphthalate	14.110	163	1100281	49.565	ng	99
51) 2,6-Dinitrotoluene	14.251	165	243758	48.594	ng	84
52) Acenaphthene	14.710	154	852297	49.575	ng	99
53) 3-Nitroaniline	14.586	138	171256	30.120	ng	99
54) 2,4-Dinitrophenol	14.798	184	315472	99.401	ng	89
55) Dibenzofuran	15.045	168	1355544	49.851	ng	98
56) 4-Nitrophenol	14.880	139	427044	94.454	ng	92
57) 2,4-Dinitrotoluene	15.033	165	315872	47.193	ng	85
58) Fluorene	15.692	166	1075752	50.135	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.257	232	302611	60.165	ng	89
60) Diethylphthalate	15.451	149	1072272	48.948	ng	97
61) 4-Chlorophenyl-phenyle...	15.680	204	552428	54.668	ng	92
62) 4-Nitroaniline	15.751	138	231455	41.172	ng	96
63) Azobenzene	15.974	77	1195207	45.475	ng	95
65) 4,6-Dinitro-2-methylph...	15.780	198	183678	49.416	ng	85
66) n-Nitrosodiphenylamine	15.904	169	919642	52.688	ng	97
67) 4-Bromophenyl-phenylether	16.574	248	331378	61.699	ng	94
68) Hexachlorobenzene	16.663	284	376299	65.546	ng	# 90
69) Atrazine	16.851	200	311248	70.318	ng	99
70) Pentachlorophenol	17.021	266	508452	104.137	ng	99
71) Phenanthrene	17.439	178	1610184	51.077	ng	99
72) Anthracene	17.527	178	1619367	51.867	ng	99
73) Carbazole	17.815	167	1442397	49.246	ng	98
74) Di-n-butylphthalate	18.333	149	1808622	48.719	ng	100
75) Fluoranthene	19.445	202	1758633	50.652	ng	98
77) Benzidine	19.656	184	677032	111.738	ng	99
78) Pyrene	19.815	202	1801988	61.559	ng	99
80) Butylbenzylphthalate	20.686	149	748674	55.850	ng	95
81) Benzo(a)anthracene	21.556	228	1485587	52.901	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	507328	60.518	ng	# 98
83) Chrysene	21.609	228	1357040	50.313	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1044320	54.845	ng	# 96
85) Di-n-octyl phthalate	22.374	149	1658472	50.747	ng	96
87) Indeno(1,2,3-cd)pyrene	26.621	276	1562452	51.397	ng	94
88) Benzo(b)fluoranthene	23.274	252	1327703	53.026	ng	98
89) Benzo(k)fluoranthene	23.274	252	1327703	51.074	ng	98
90) Benzo(a)pyrene	23.927	252	1162559	48.239	ng	97
91) Dibenzo(a,h)anthracene	26.638	278	1297203	51.324	ng	97
92) Benzo(g,h,i)perylene	27.438	276	1276621	52.009	ng	94

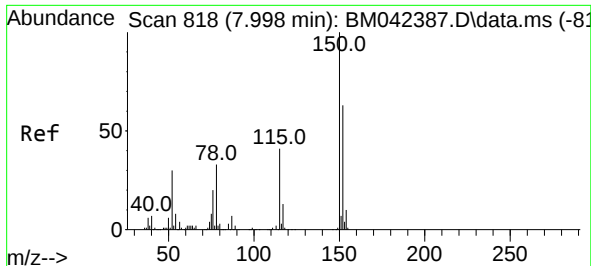
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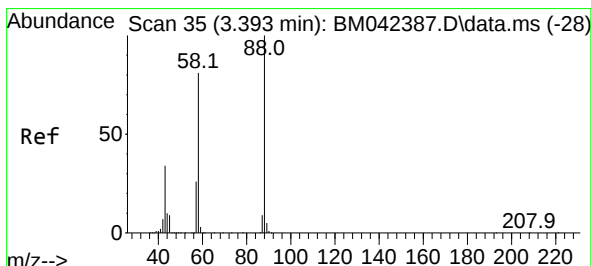
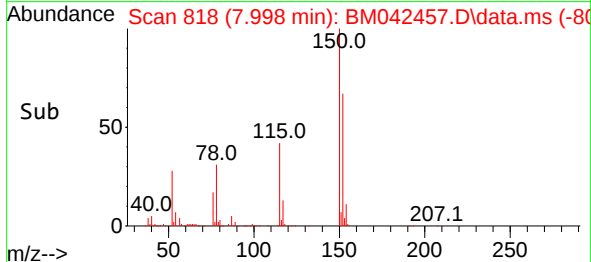
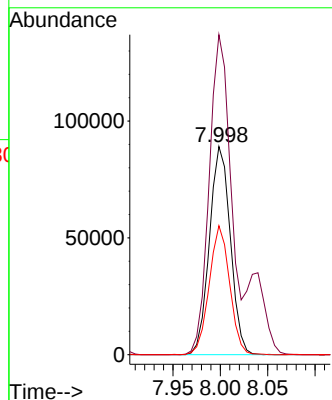
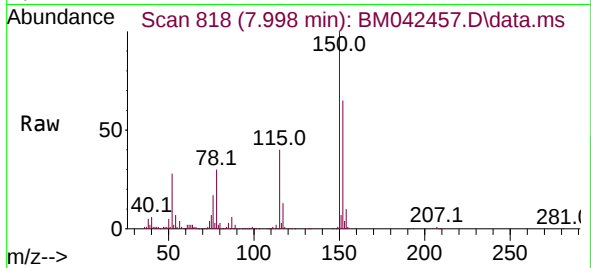




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042457.D
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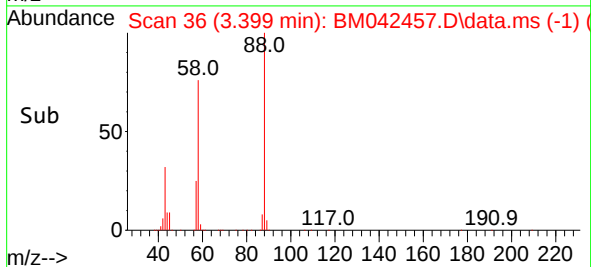
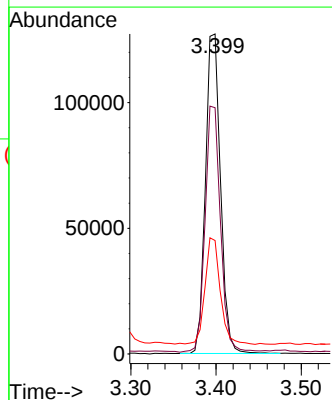
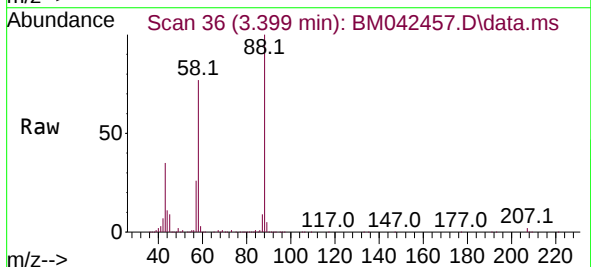
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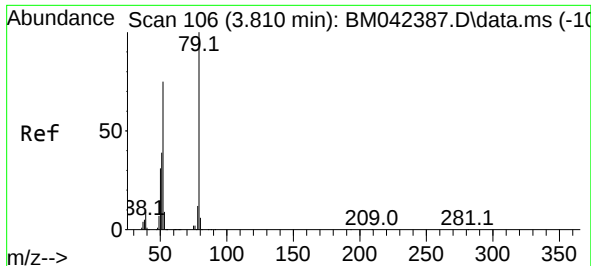
Tgt Ion:152 Resp: 136722
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.4
115 62.0 51.9 77.9



#2
1,4-Dioxane
Concen: 34.205 ng
RT: 3.399 min Scan# 36
Delta R.T. 0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion: 88 Resp: 155812
Ion Ratio Lower Upper
88 100
58 78.7 64.9 97.3
43 33.7 27.8 41.8

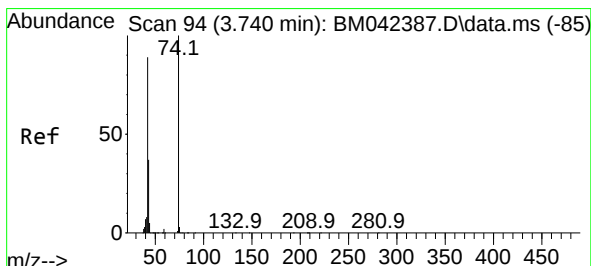
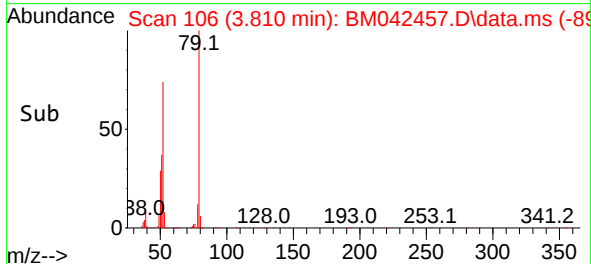
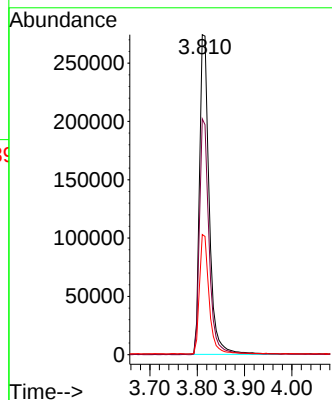
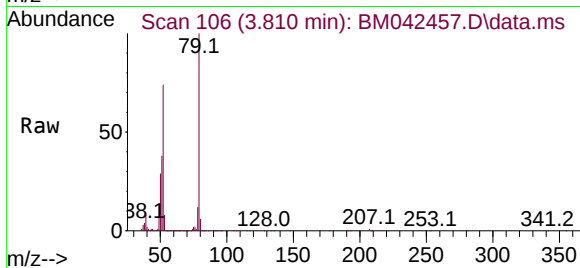




#3
Pyridine
Concen: 29.253 ng
RT: 3.810 min Scan# 106
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

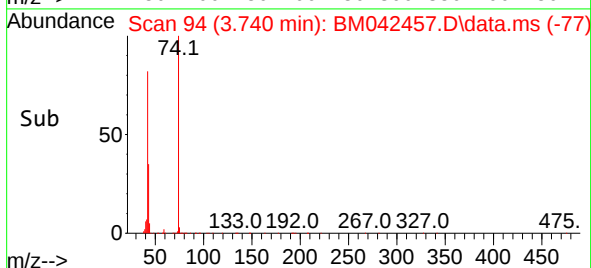
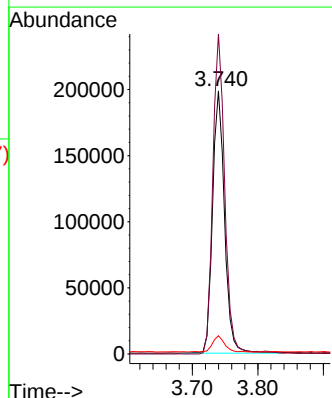
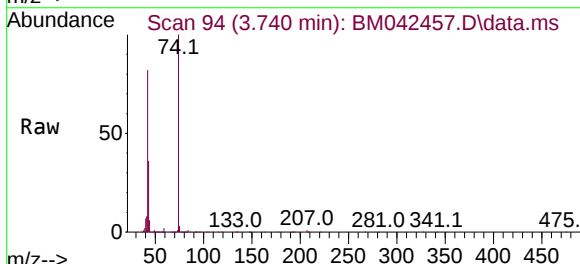
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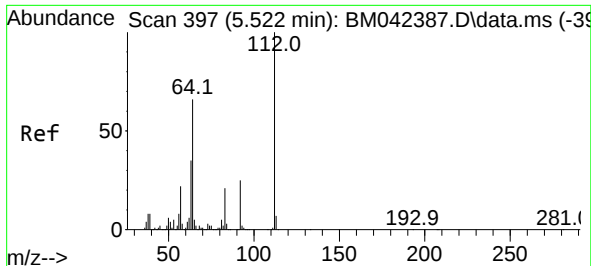
Tgt Ion: 79 Resp: 390954
Ion Ratio Lower Upper
79 100
52 73.7 60.3 90.5
51 37.5 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 37.478 ng
RT: 3.740 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion: 42 Resp: 252892
Ion Ratio Lower Upper
42 100
74 121.7 89.4 134.2
44 6.9 5.4 8.0

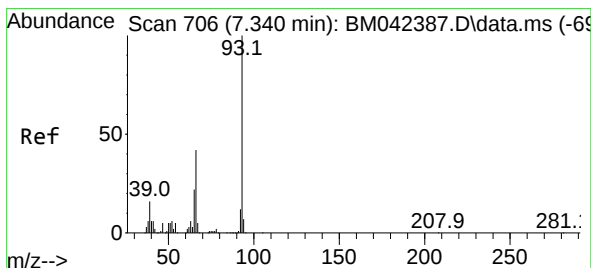
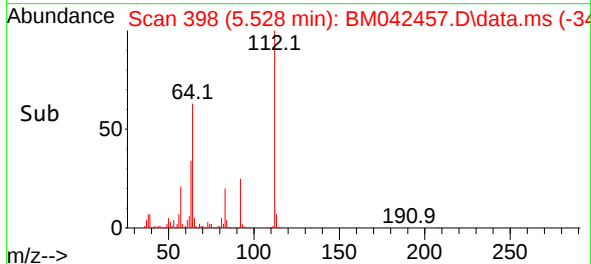
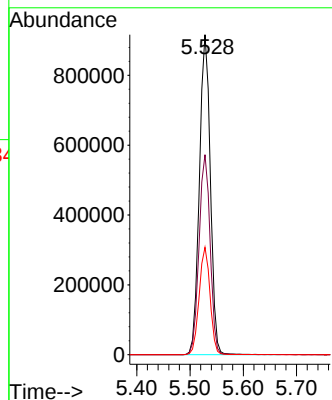
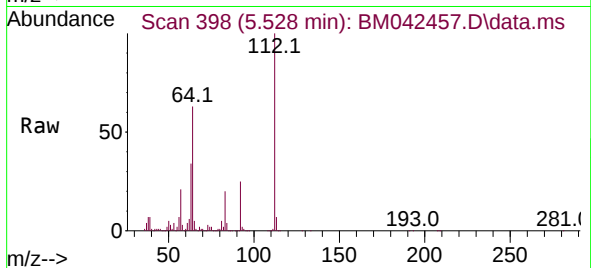




#5
2-Fluorophenol
Concen: 134.959 ng
RT: 5.528 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

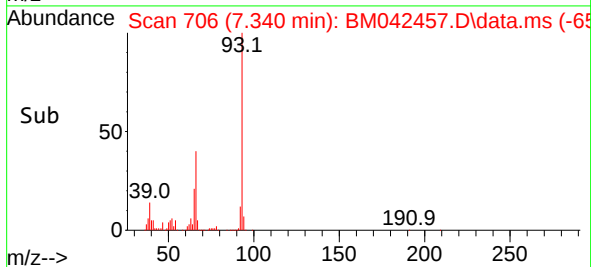
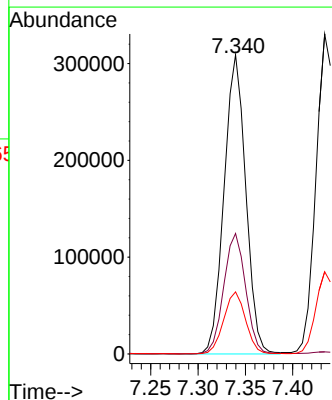
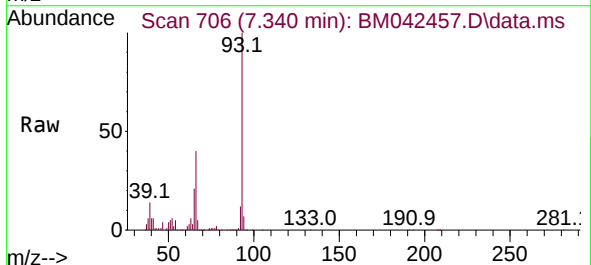
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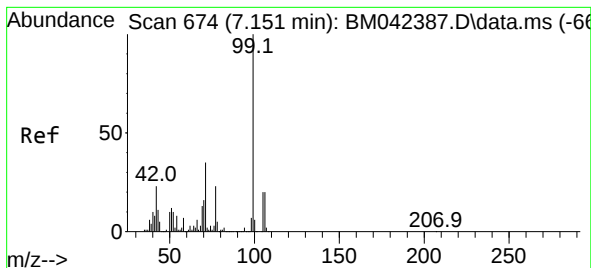
Tgt Ion:112 Resp: 1305574
Ion Ratio Lower Upper
112 100
64 62.5 52.7 79.1
63 33.6 28.3 42.5



#6
Aniline
Concen: 29.814 ng
RT: 7.340 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion: 93 Resp: 492114
Ion Ratio Lower Upper
93 100
66 40.3 33.8 50.8
65 20.8 17.4 26.2





#7

Phenol-d6

Concen: 128.435 ng

RT: 7.157 min Scan# 61

Delta R.T. 0.006 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Instrument :

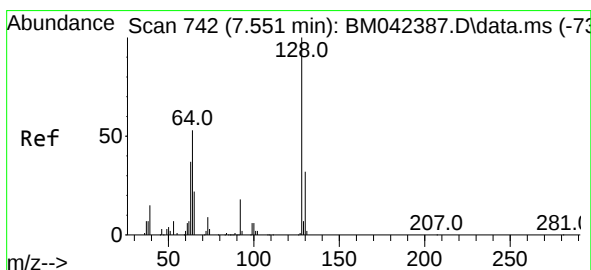
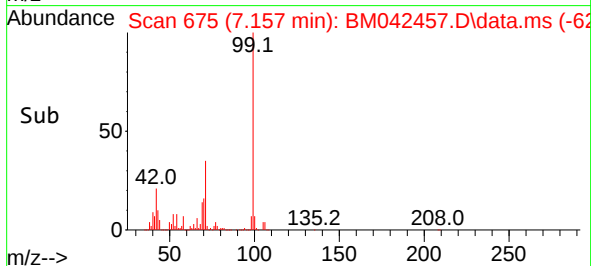
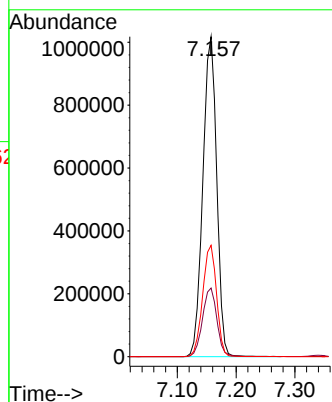
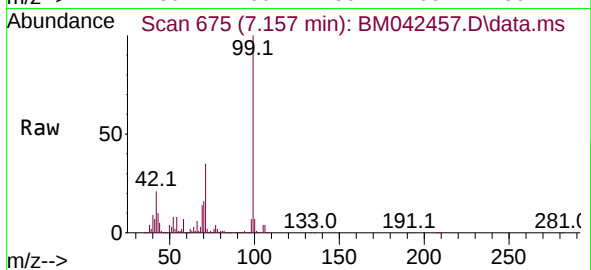
BNA_M

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Tgt Ion: 99 Resp: 1665044

Ion	Ratio	Lower	Upper
99	100		
42	21.5	18.5	27.7
71	34.8	27.7	41.5



#8

2-Chlorophenol

Concen: 49.292 ng

RT: 7.551 min Scan# 742

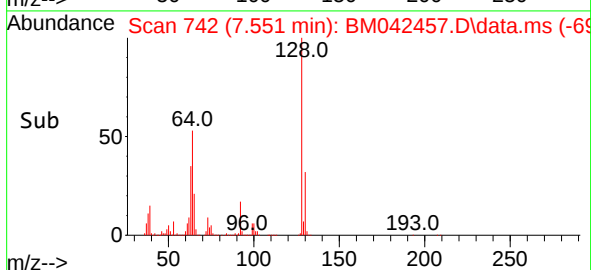
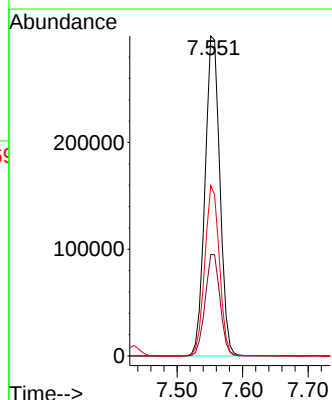
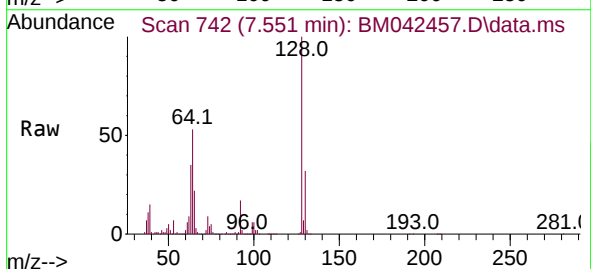
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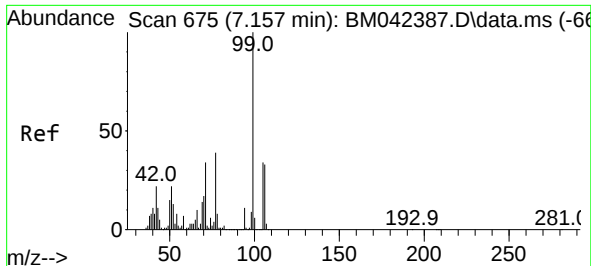
Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Tgt Ion: 128 Resp: 473158

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.1	52.1
64	53.3	38.2	78.2

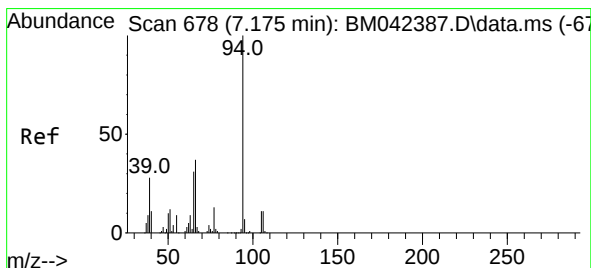
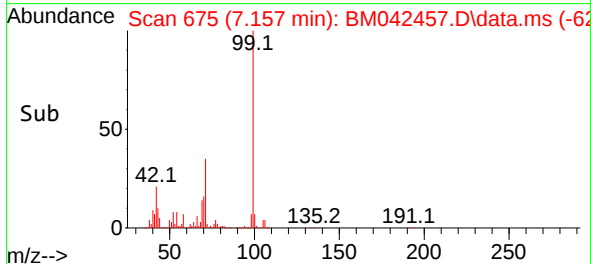
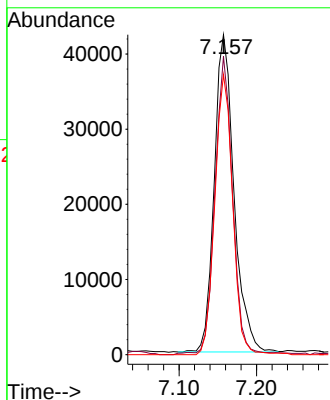
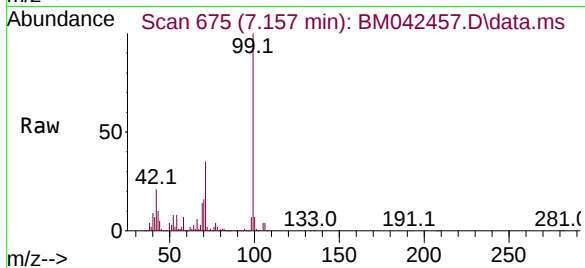




#9
Benzaldehyde
Concen: 9.903 ng
RT: 7.157 min Scan# 61
Delta R.T. 0.000 min
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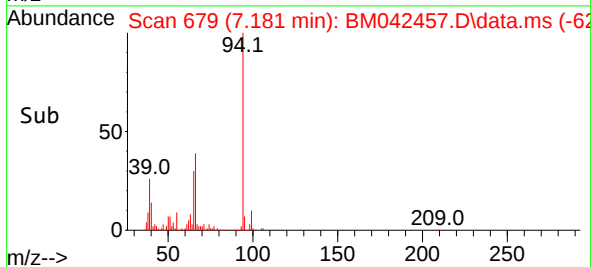
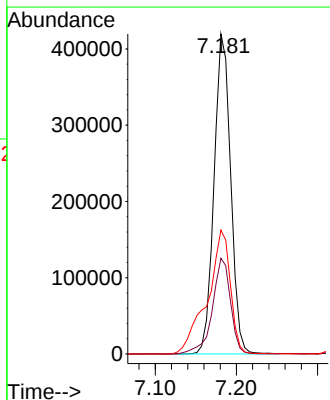
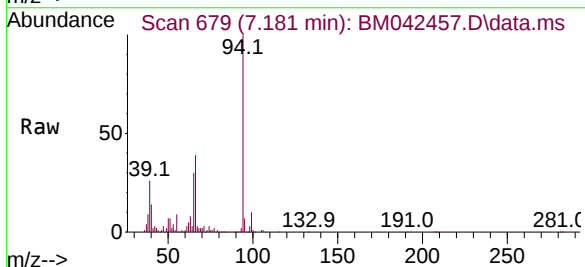
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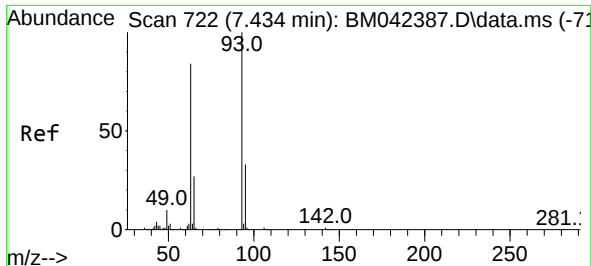
Tgt Ion: 77 Resp: 74773
Ion Ratio Lower Upper
77 100
105 93.2 68.7 108.7
106 87.5 65.8 105.8



#10
Phenol
Concen: 44.592 ng
RT: 7.181 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion: 94 Resp: 597349
Ion Ratio Lower Upper
94 100
65 29.9 10.9 50.9
66 38.7 18.2 58.2

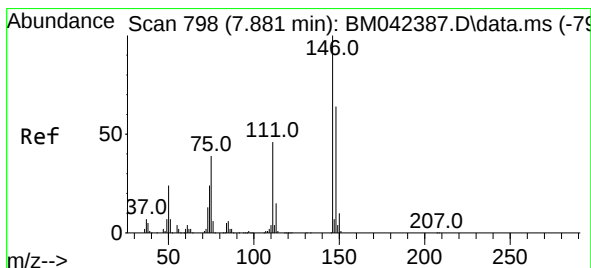
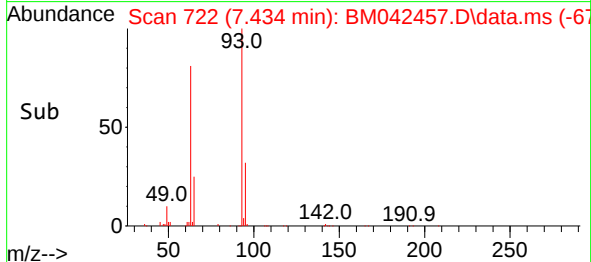
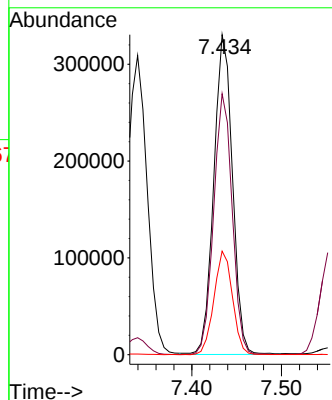
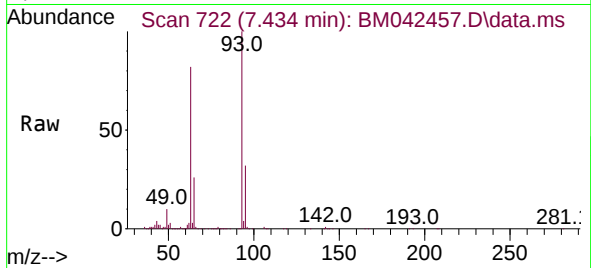




#11
bis(2-Chloroethyl)ether
Concen: 43.518 ng
RT: 7.434 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

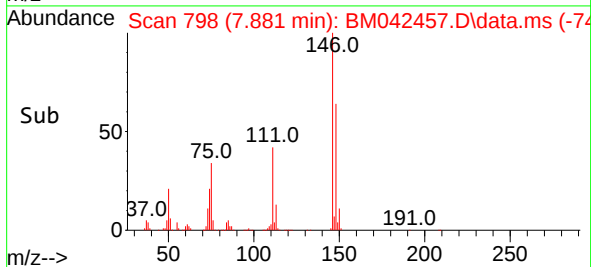
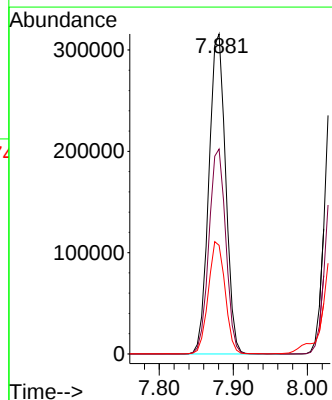
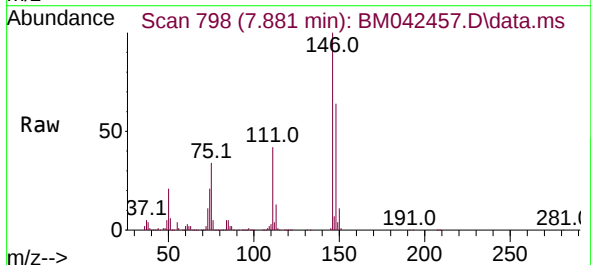
Instrument :
BNA_M
ClientSampleId :
PB156649BS

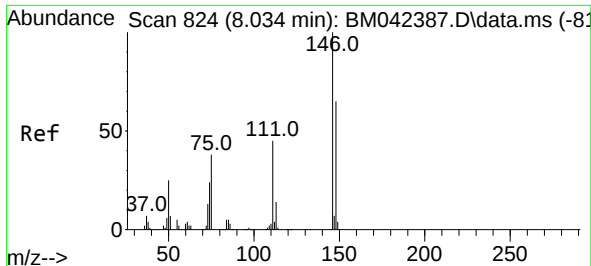
Tgt Ion: 93 Resp: 478616
Ion Ratio Lower Upper
93 100
63 81.6 64.2 104.2
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 49.822 ng
RT: 7.881 min Scan# 798
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:146 Resp: 494668
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 33.9 30.9 46.3

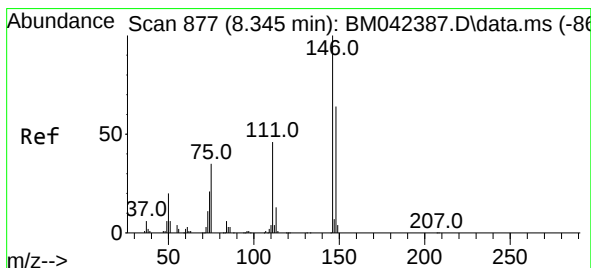
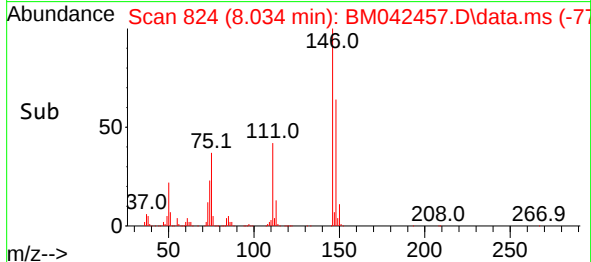
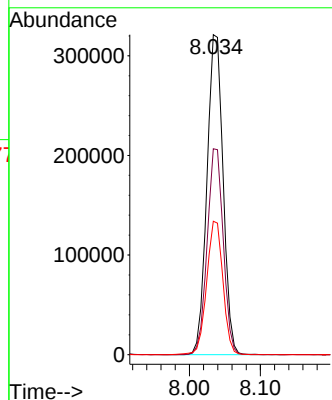
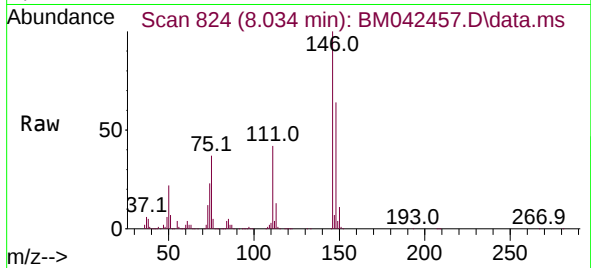




#13
1,4-Dichlorobenzene
Concen: 50.843 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

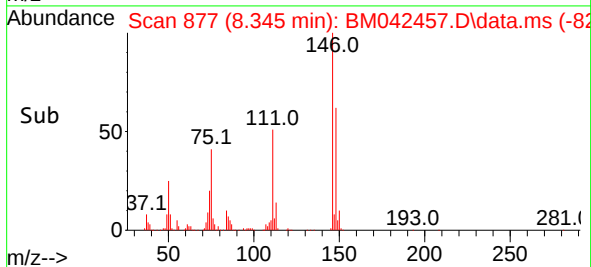
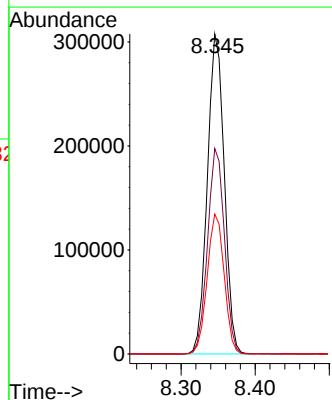
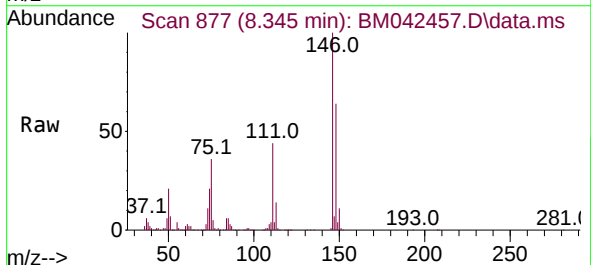
Instrument :
BNA_M
ClientSampleId :
PB156649BS

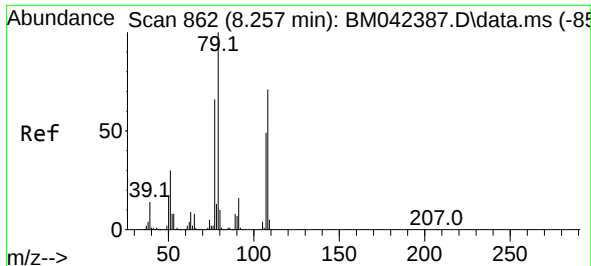
Tgt Ion:146 Resp: 508141
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 41.7 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 50.827 ng
RT: 8.345 min Scan# 877
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:146 Resp: 487771
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
111 43.7 37.2 55.8

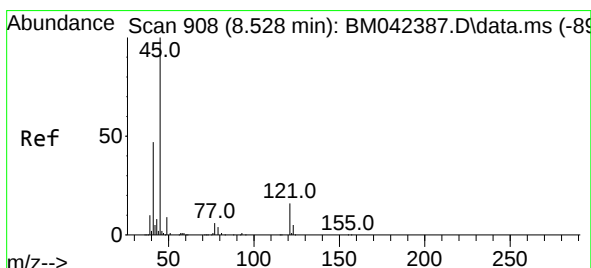
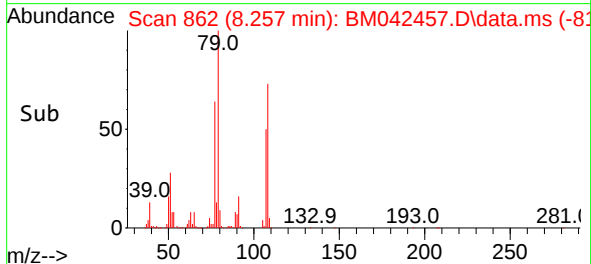
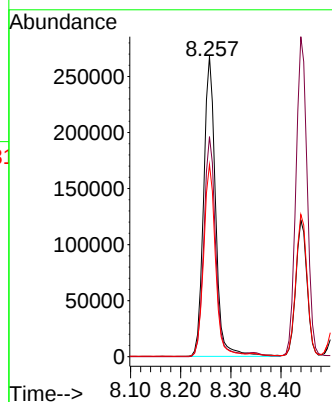
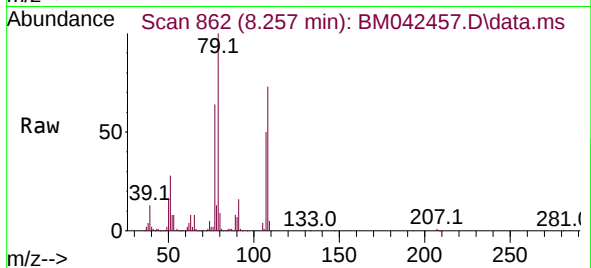




#15
Benzyl Alcohol
Concen: 46.048 ng
RT: 8.257 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

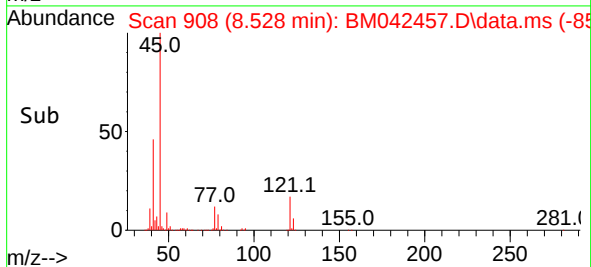
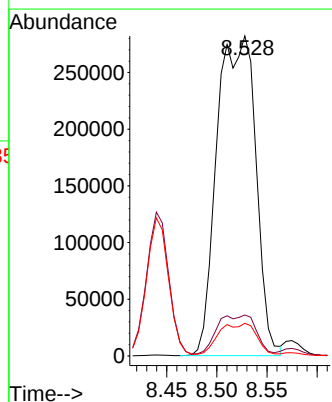
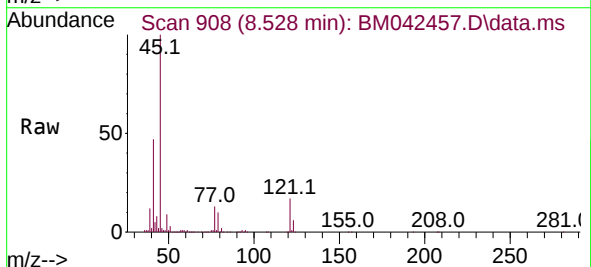
Instrument :
BNA_M
ClientSampleId :
PB156649BS

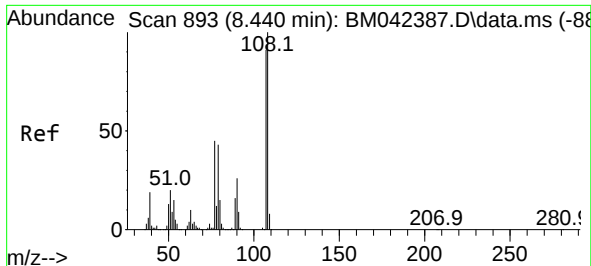
Tgt Ion: 79 Resp: 442531
Ion Ratio Lower Upper
79 100
108 73.2 57.1 85.7
77 64.0 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.443 ng
RT: 8.528 min Scan# 908
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion: 45 Resp: 756011
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.2
79 10.2 0.0 30.4

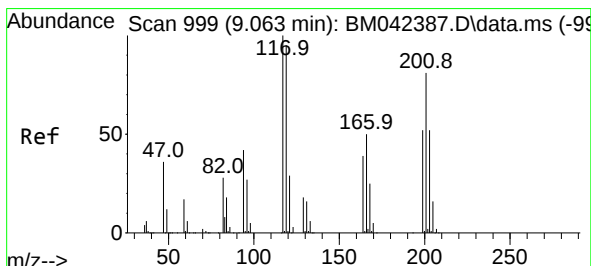
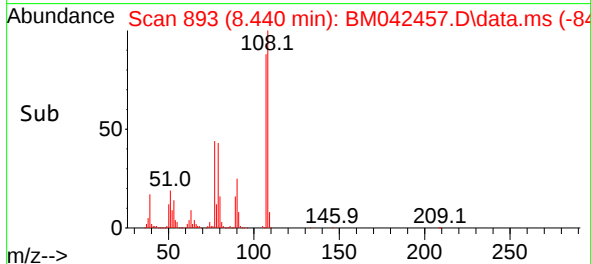
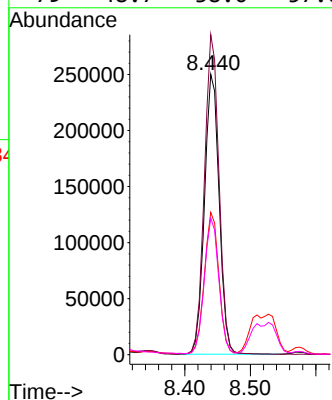
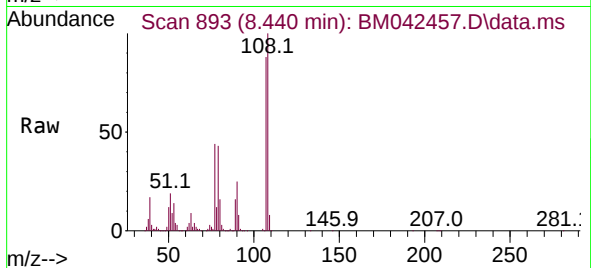




#17
2-Methylphenol
Concen: 44.093 ng
RT: 8.440 min Scan# 893
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

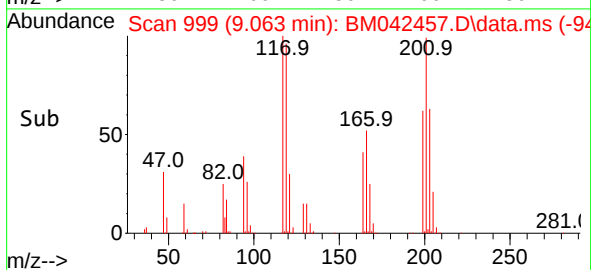
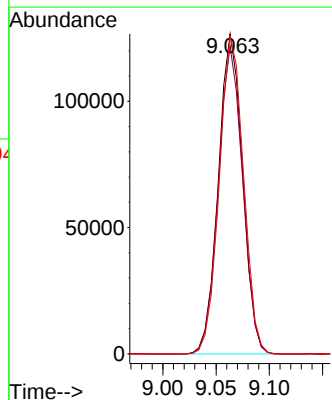
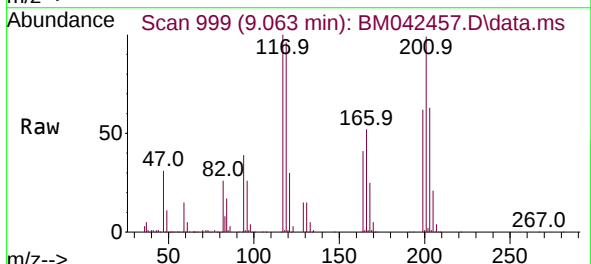
Instrument :
BNA_M
ClientSampleId :
PB156649BS

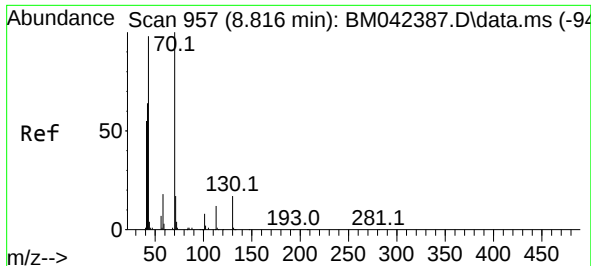
Tgt Ion:107 Resp: 389771
Ion Ratio Lower Upper
107 100
108 114.2 88.2 132.4
77 50.7 40.1 60.1
79 48.7 38.0 57.0



#18
Hexachloroethane
Concen: 51.915 ng
RT: 9.063 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:117 Resp: 199744
Ion Ratio Lower Upper
117 100
119 96.2 75.9 113.9
201 99.4 64.6 97.0#

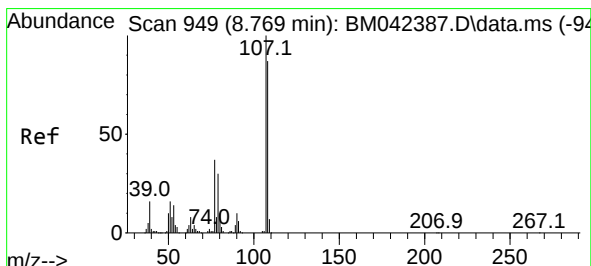
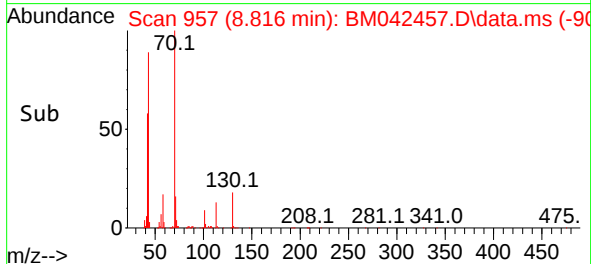
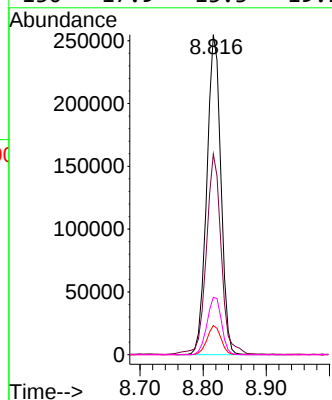
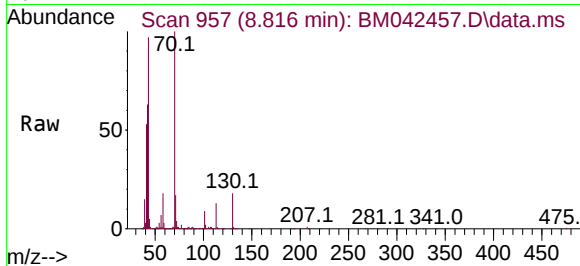




#19
n-Nitroso-di-n-propylamine
Concen: 44.866 ng
RT: 8.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

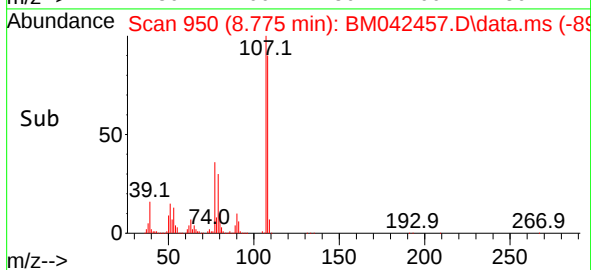
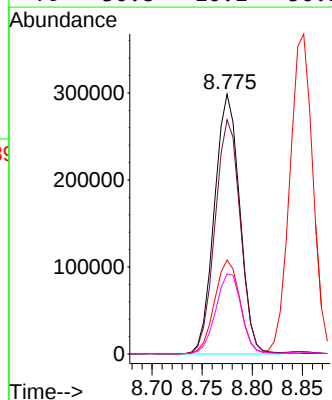
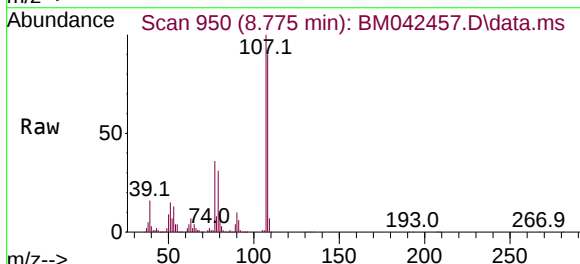
Instrument :
BNA_M
ClientSampleId :
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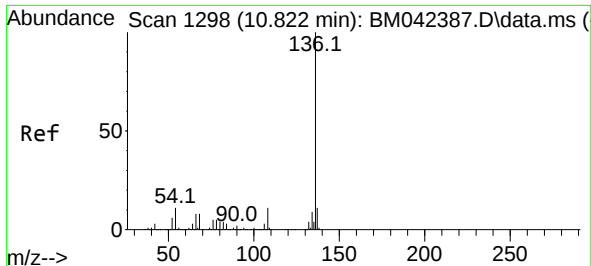
Tgt Ion: 70 Resp: 394230
Ion Ratio Lower Upper
70 100
42 62.7 52.1 78.1
101 9.1 6.5 9.7
130 17.9 13.3 19.9



#20
3+4-Methylphenols
Concen: 44.270 ng
RT: 8.775 min Scan# 950
Delta R.T. 0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion: 107 Resp: 524891
Ion Ratio Lower Upper
107 100
108 90.2 67.2 107.2
77 36.2 16.8 56.8
79 30.8 10.1 50.1

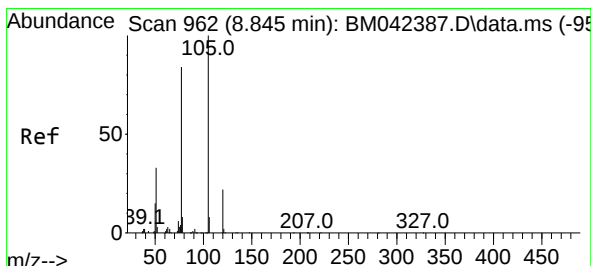
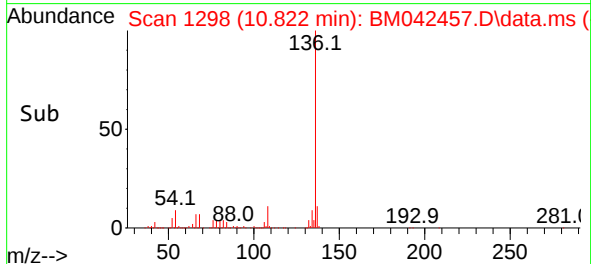
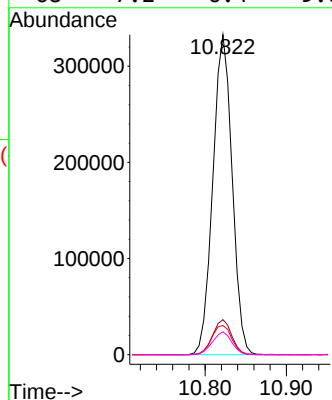
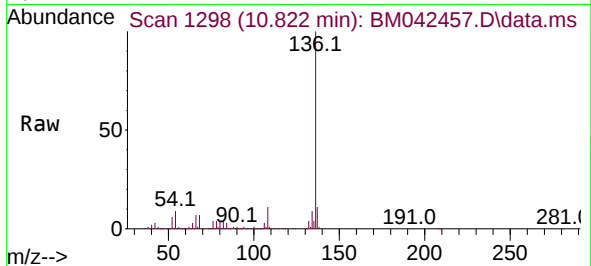




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.822 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

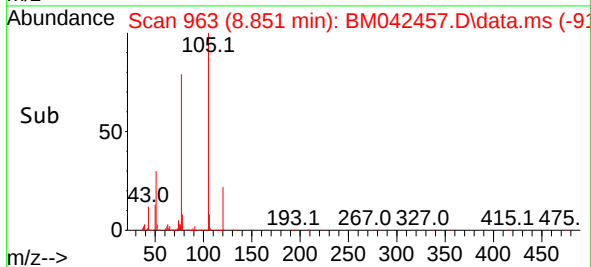
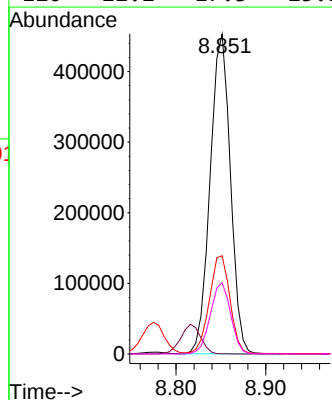
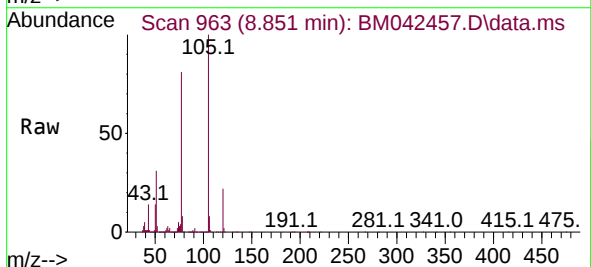
Instrument :
BNA_M
ClientSampleId :
PB156649BS

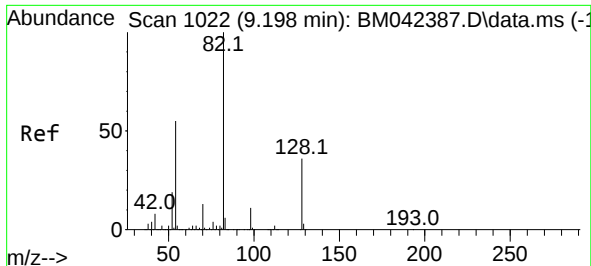
Tgt Ion:136 Resp: 548039
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.1 8.6 12.8
68 7.2 6.4 9.6



#22
Acetophenone
Concen: 47.519 ng
RT: 8.851 min Scan# 963
Delta R.T. 0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:105 Resp: 710468
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 30.7 27.1 40.7
120 22.2 17.3 25.9

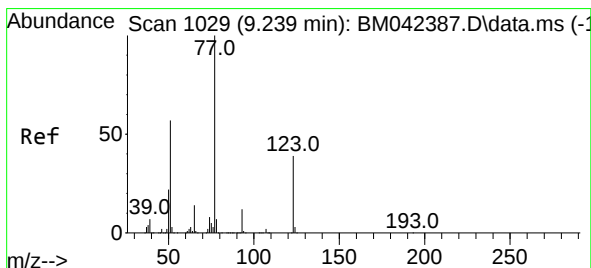
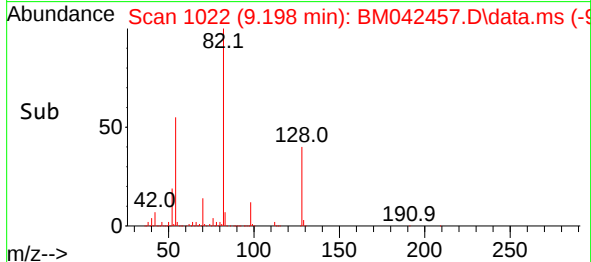
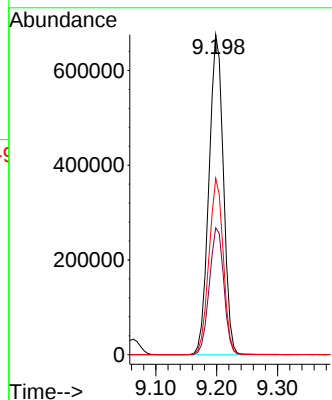
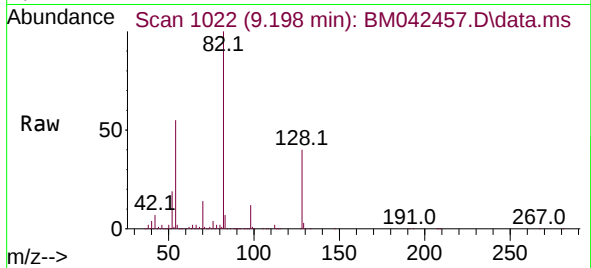




#23
Nitrobenzene-d5
Concen: 89.881 ng
RT: 9.198 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

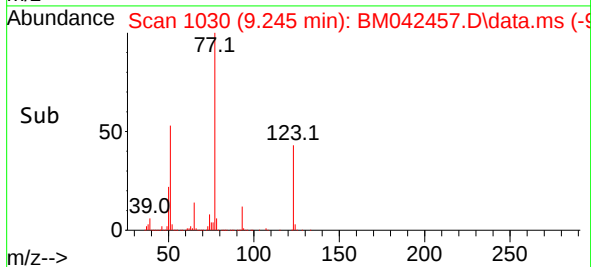
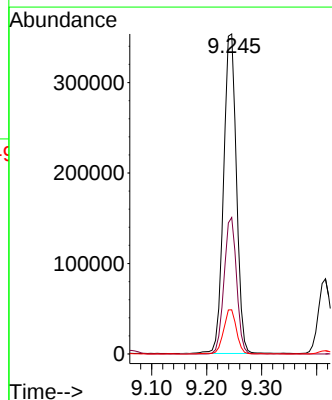
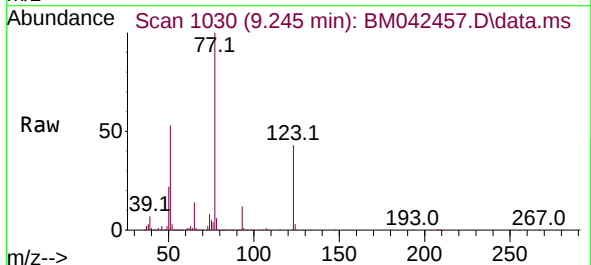
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ClientSampleId :
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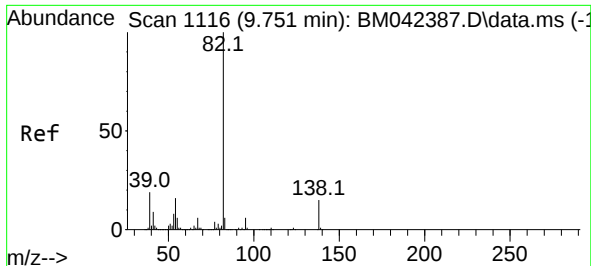
Tgt Ion: 82 Resp: 1113947
Ion Ratio Lower Upper
82 100
128 39.7 29.0 43.6
54 55.1 43.7 65.5



#24
Nitrobenzene
Concen: 46.288 ng
RT: 9.245 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion: 77 Resp: 573927
Ion Ratio Lower Upper
77 100
123 42.7 31.2 46.8
65 13.8 11.4 17.0

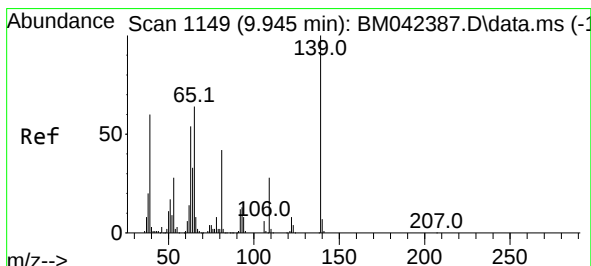
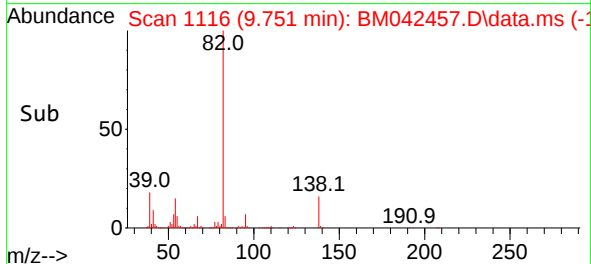
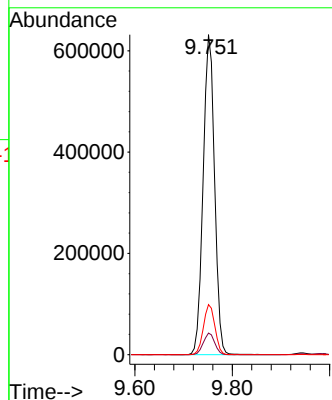
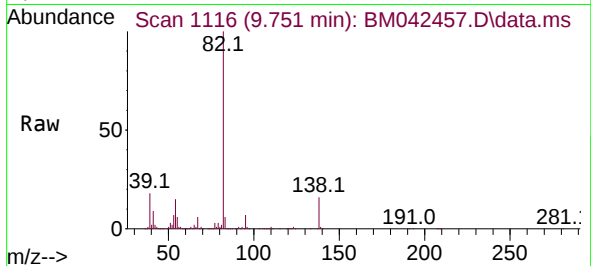




#25
Isophorone
Concen: 48.770 ng
RT: 9.751 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

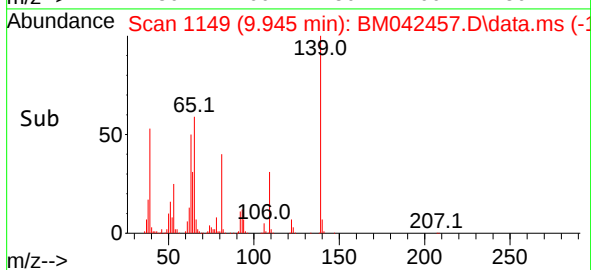
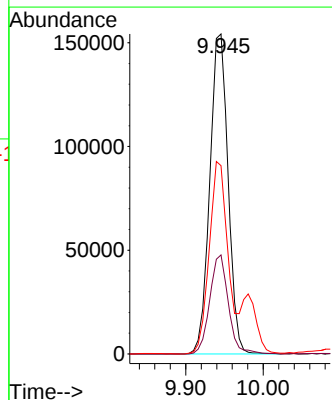
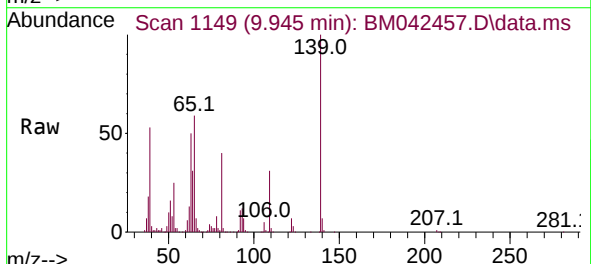
Instrument :
BNA_M
ClientSampleId :
PB156649BS

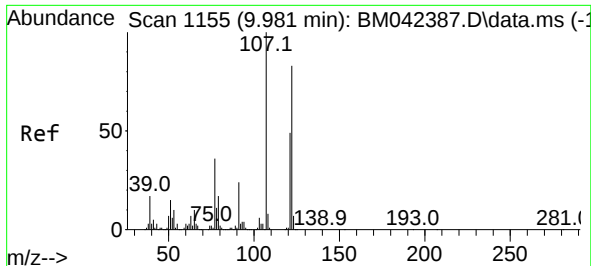
Tgt Ion: 82 Resp: 1027197
Ion Ratio Lower Upper
82 100
95 6.8 5.1 7.7
138 15.6 11.8 17.6



#26
2-Nitrophenol
Concen: 52.666 ng
RT: 9.945 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:139 Resp: 252660
Ion Ratio Lower Upper
139 100
109 30.9 22.3 33.5
65 58.9 51.1 76.7

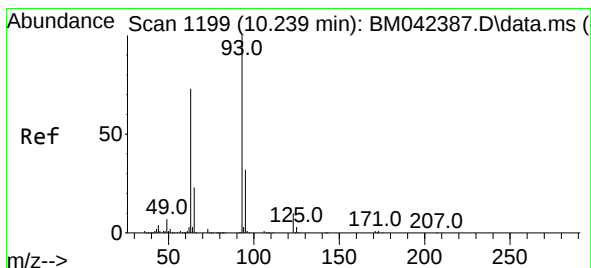
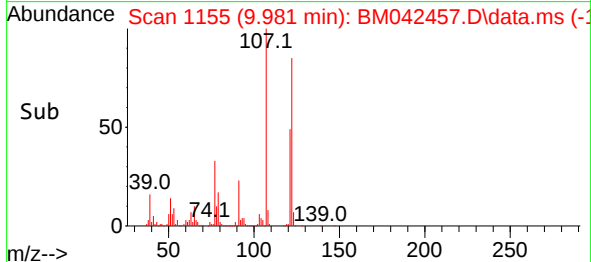
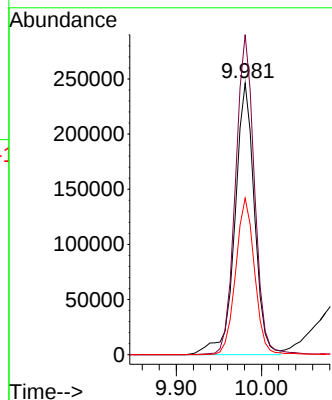
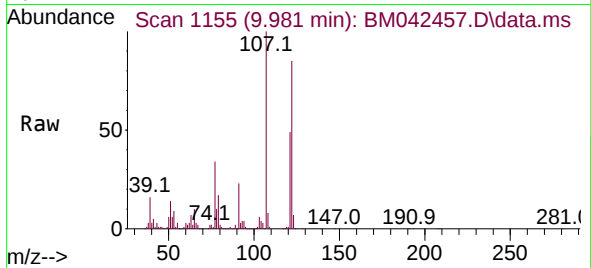




#27
2,4-Dimethylphenol
Concen: 45.874 ng
RT: 9.981 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

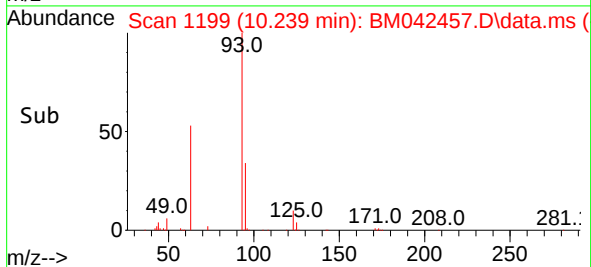
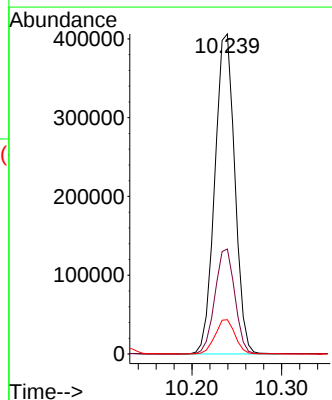
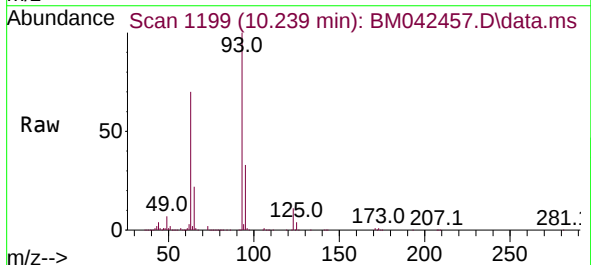
Instrument :
BNA_M
ClientSampleId :
PB156649BS

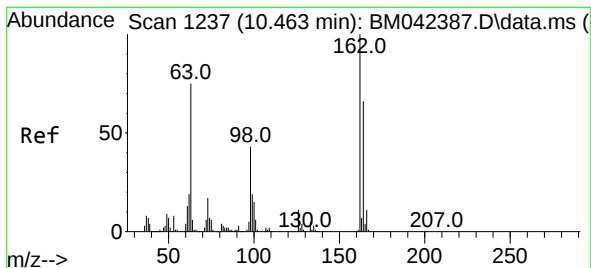
Tgt Ion:122 Resp: 391913
Ion Ratio Lower Upper
122 100
107 117.8 96.3 144.5
121 57.6 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.143 ng
RT: 10.239 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion: 93 Resp: 629077
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.6
123 10.7 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 57.904 ng

RT: 10.463 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Instrument :

BNA_M

ClientSampleId :

PB156649BS

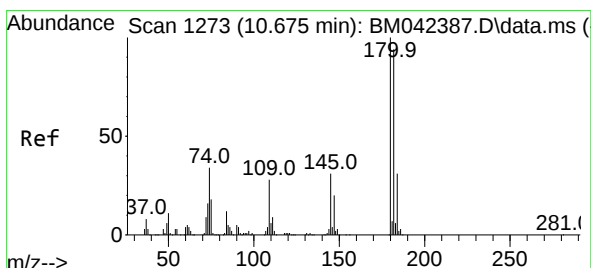
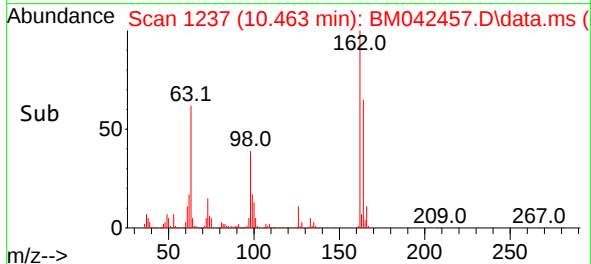
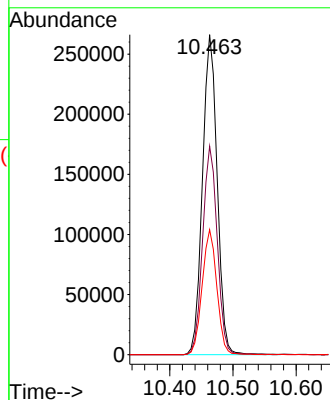
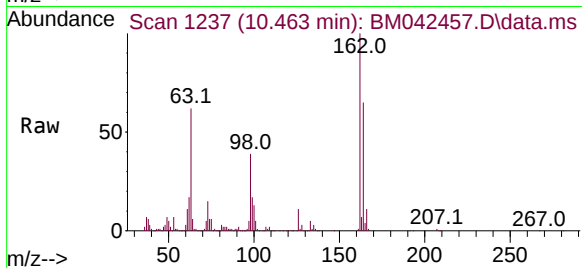
Tgt Ion:162 Resp: 430200

Ion Ratio Lower Upper

162 100

164 65.1 45.9 85.9

98 39.1 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 57.984 ng

RT: 10.669 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

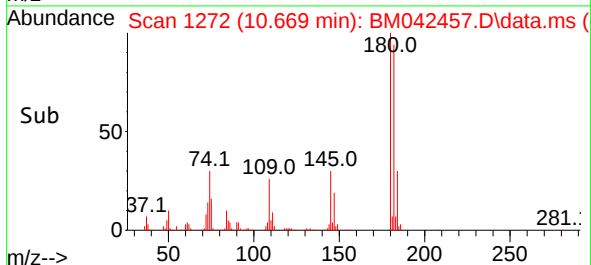
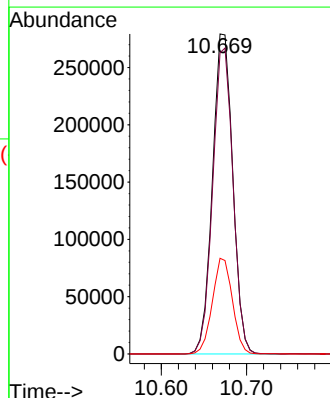
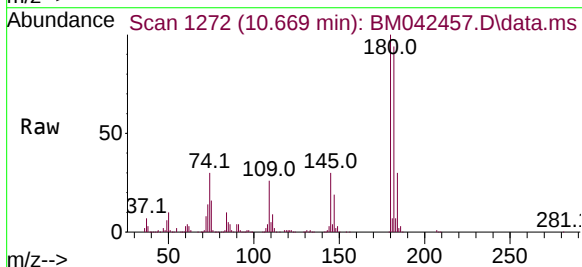
Tgt Ion:180 Resp: 461826

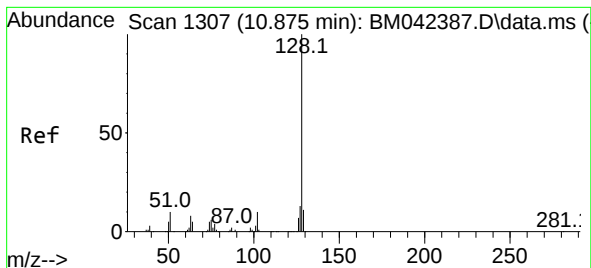
Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.4

145 29.9 24.6 36.8

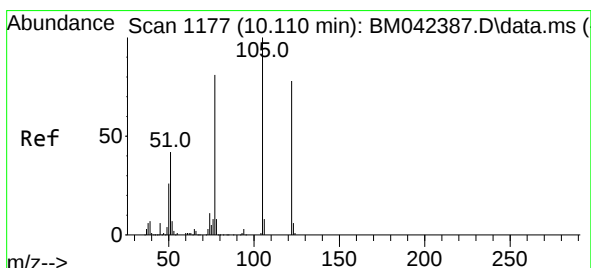
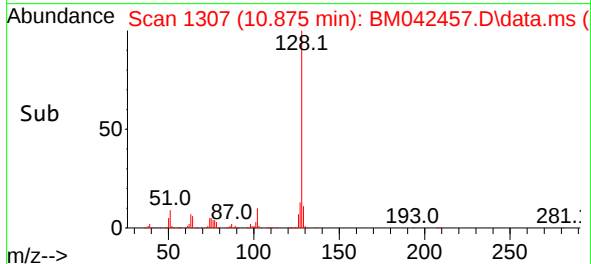
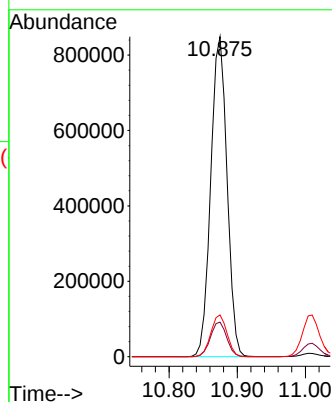
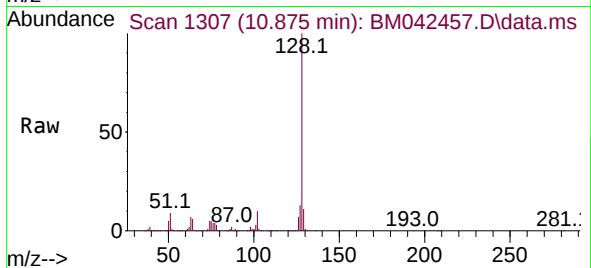




#31
Naphthalene
Concen: 50.155 ng
RT: 10.875 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

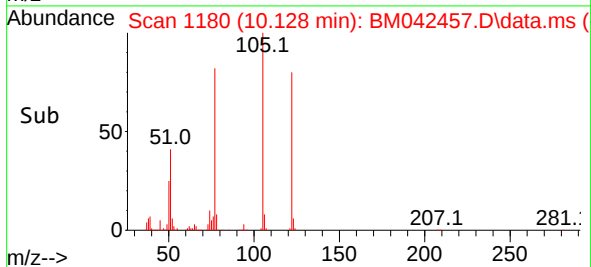
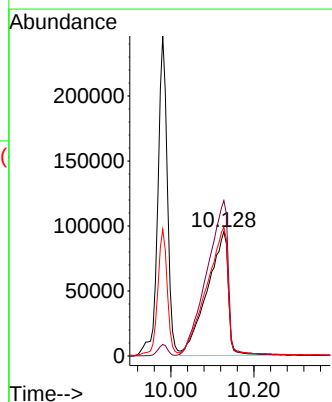
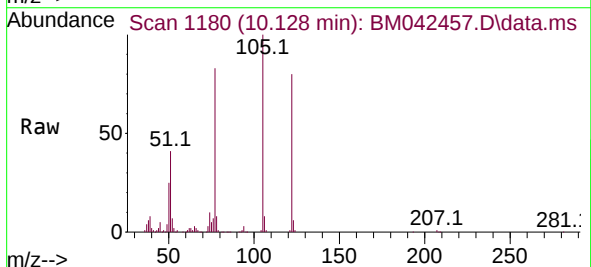
Instrument :
BNA_M
ClientSampleId :
PB156649BS

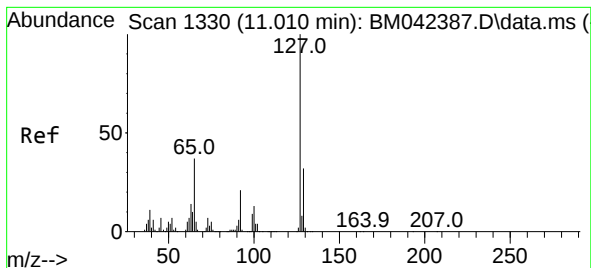
Tgt Ion:128 Resp: 1411849
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 52.872 ng
RT: 10.128 min Scan# 1180
Delta R.T. 0.018 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:122 Resp: 334175
Ion Ratio Lower Upper
122 100
105 125.0 104.9 144.9
77 103.5 83.4 123.4

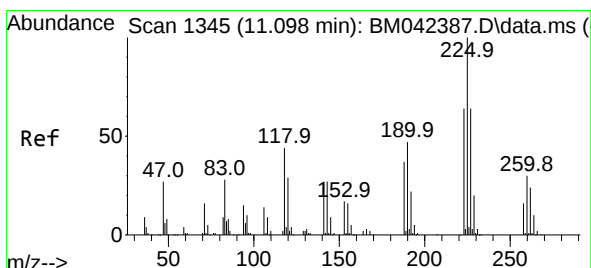
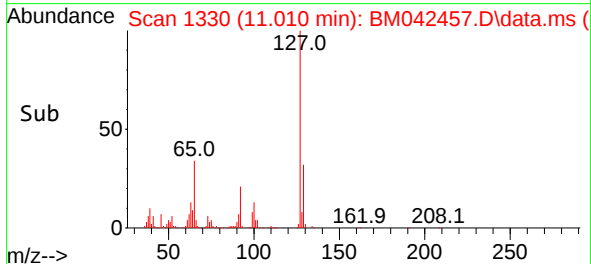
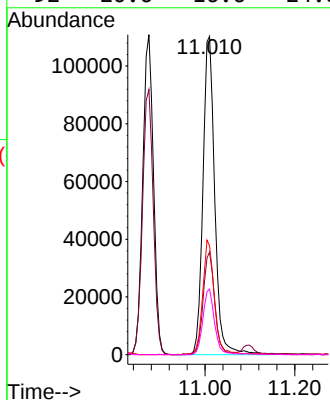
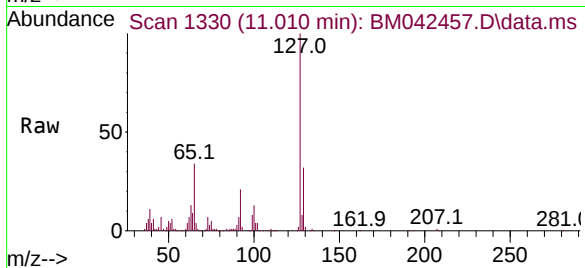




#33
4-Chloroaniline
Concen: 16.559 ng
RT: 11.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

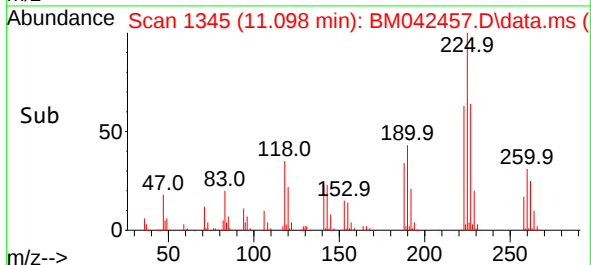
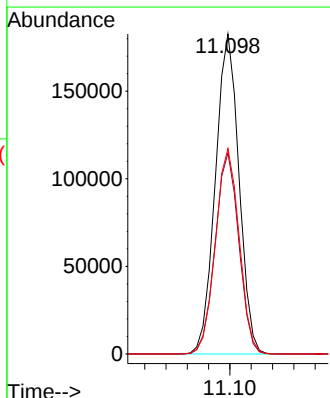
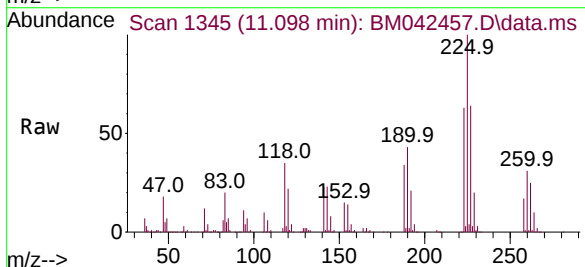
Instrument :
BNA_M
ClientSampleId :
PB156649BS

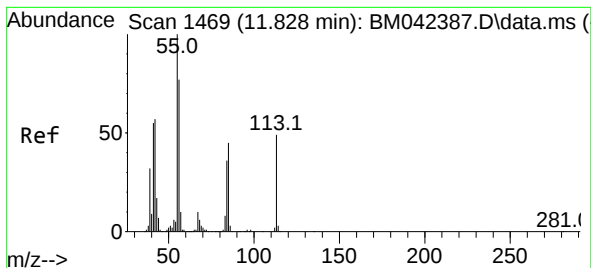
Tgt Ion:	127	Resp:	202378
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	34.1	29.6	44.4
92	20.6	16.6	24.8



#34
Hexachlorobutadiene
Concen: 65.062 ng
RT: 11.098 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:	225	Resp:	280415
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.5	77.3
227	64.2	51.3	76.9

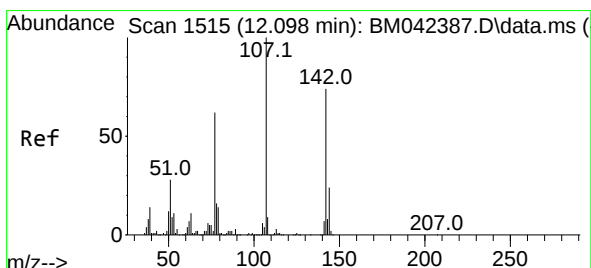
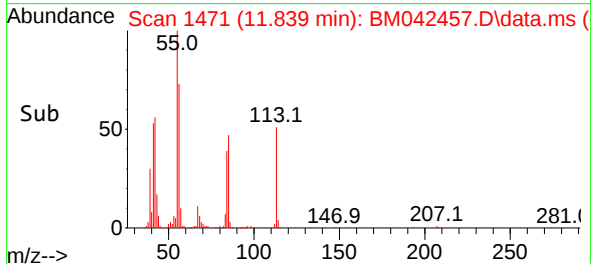
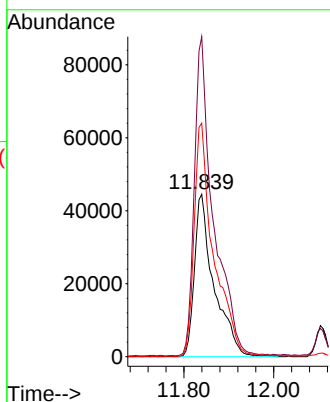
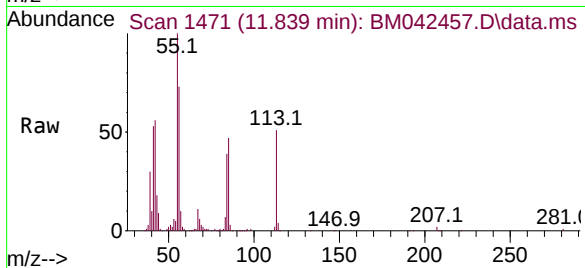




#35
Caprolactam
Concen: 45.929 ng
RT: 11.839 min Scan# 1469
Delta R.T. 0.011 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

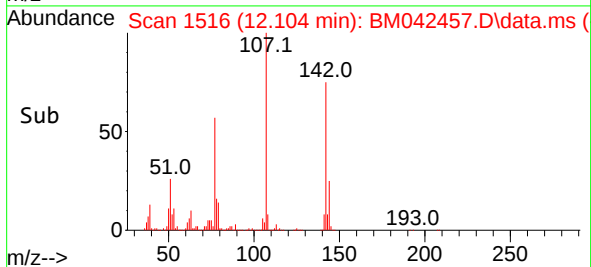
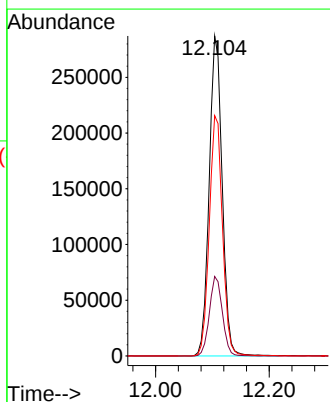
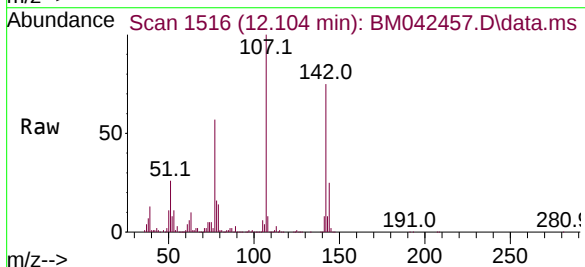
Instrument :
BNA_M
ClientSampleId :
PB156649BS

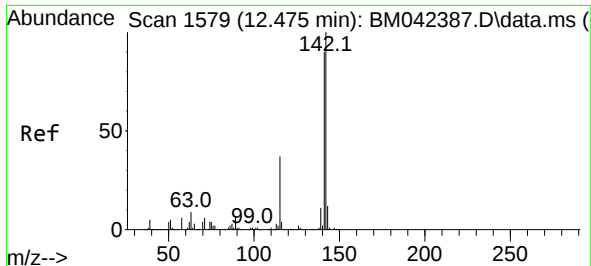
Tgt Ion:113 Resp: 134592
Ion Ratio Lower Upper
113 100
55 197.0 185.6 225.6
56 143.8 137.8 177.8



#36
4-Chloro-3-methylphenol
Concen: 50.681 ng
RT: 12.104 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:107 Resp: 454385
Ion Ratio Lower Upper
107 100
144 24.9 18.9 28.3
142 75.1 59.2 88.8

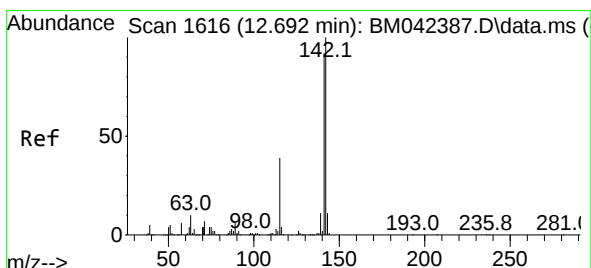
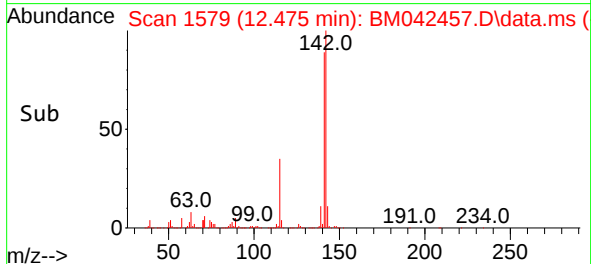
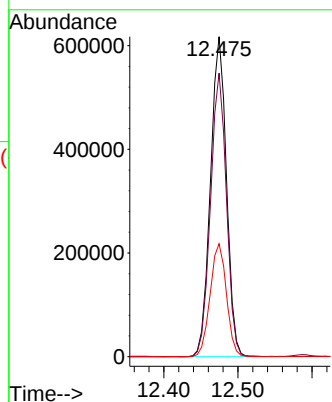
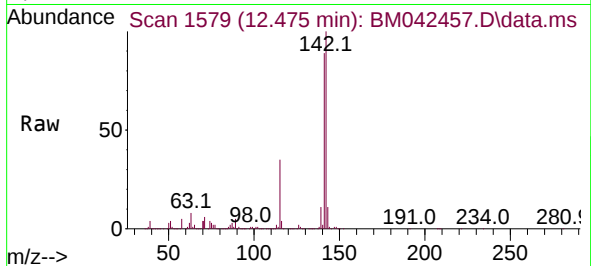




#37
2-Methylnaphthalene
Concen: 48.780 ng
RT: 12.475 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

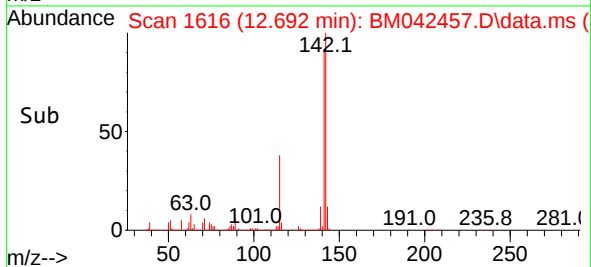
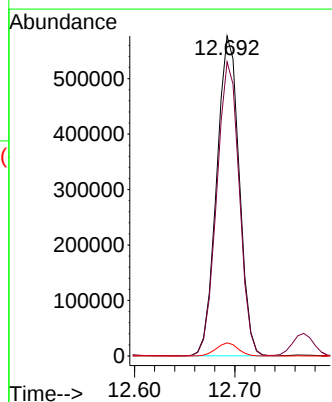
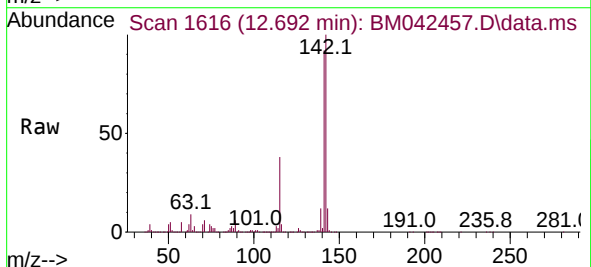
Instrument :
BNA_M
ClientSampleId :
PB156649BS

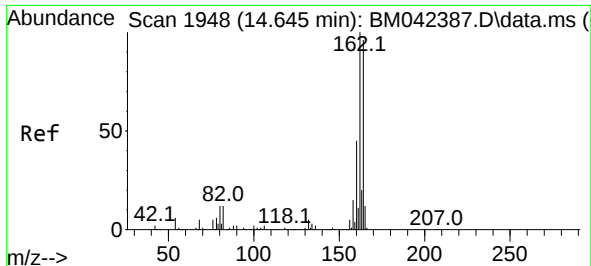
Tgt Ion:142 Resp: 924351
Ion Ratio Lower Upper
142 100
141 88.6 72.0 108.0
115 35.3 29.4 44.2



#38
1-Methylnaphthalene
Concen: 50.521 ng
RT: 12.692 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:142 Resp: 896850
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6
116 4.1 3.3 4.9

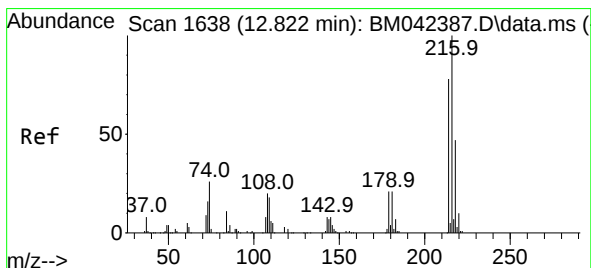
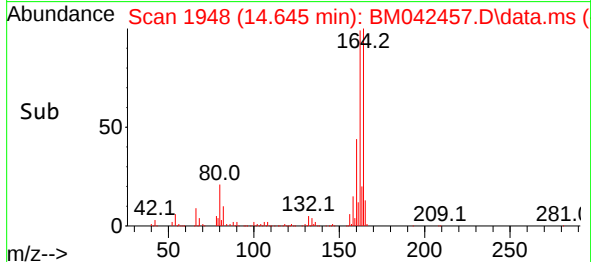
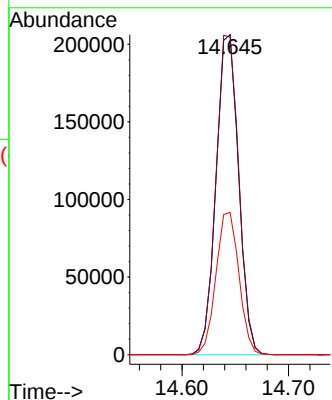
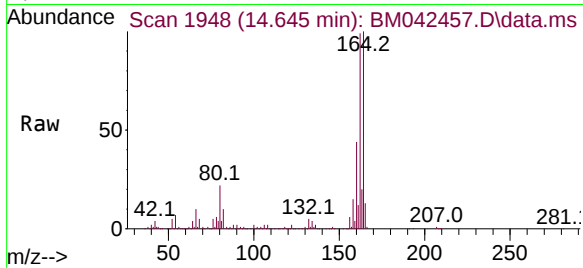




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.645 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: BM042457.D
 Acq: 26 Oct 2023 17:51

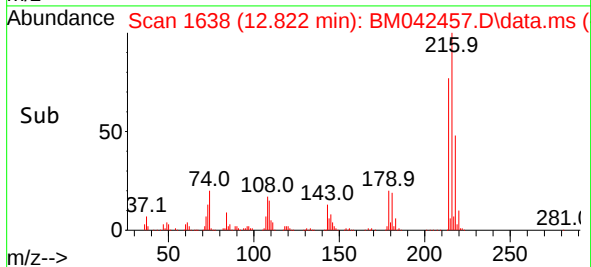
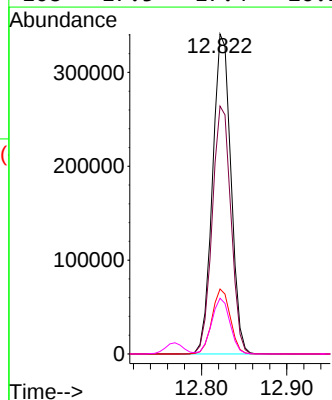
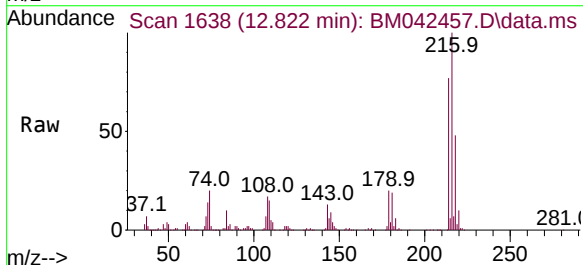
Instrument :
 BNA_M
 ClientSampleId :
 PB156649BS

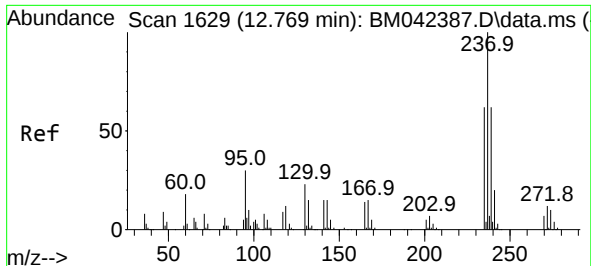
Tgt Ion:164 Resp: 302641
 Ion Ratio Lower Upper
 164 100
 162 99.3 83.0 124.4
 160 44.4 37.0 55.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.284 ng
 RT: 12.822 min Scan# 1638
 Delta R.T. 0.000 min
 Lab File: BM042457.D
 Acq: 26 Oct 2023 17:51

Tgt Ion:216 Resp: 509940
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.0 94.4
 179 20.2 17.2 25.8
 108 17.5 17.4 26.2

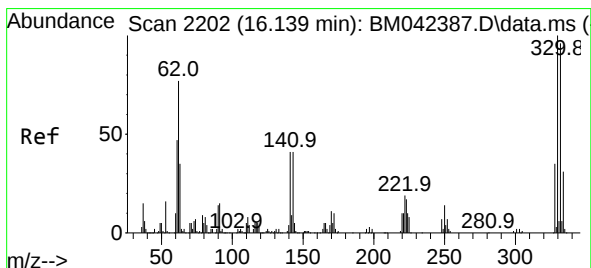
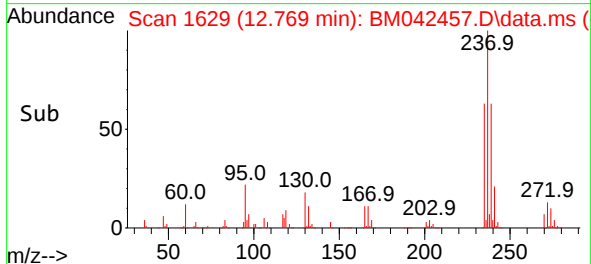
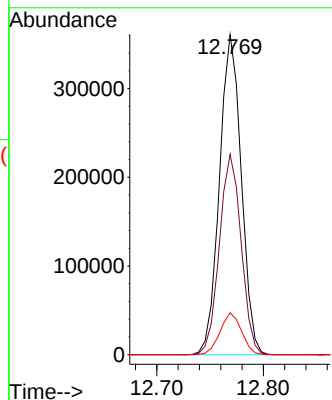
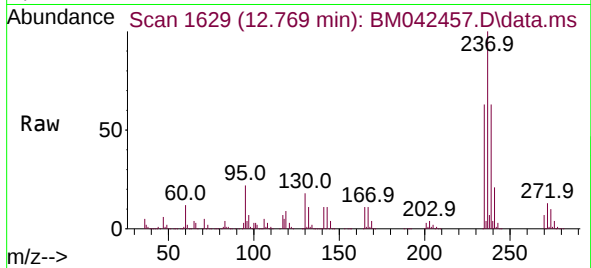




#41
Hexachlorocyclopentadiene
Concen: 106.394 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

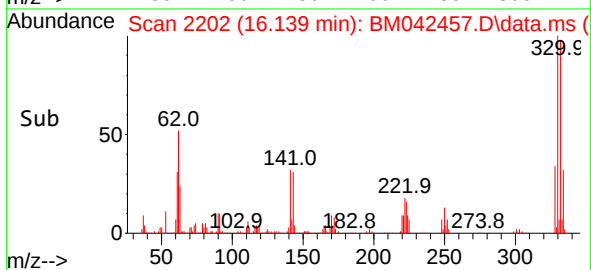
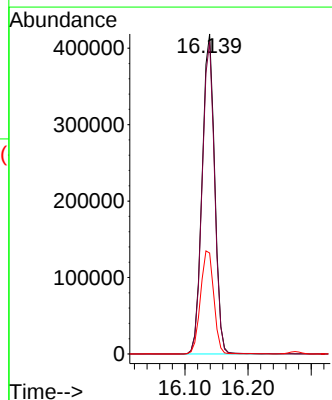
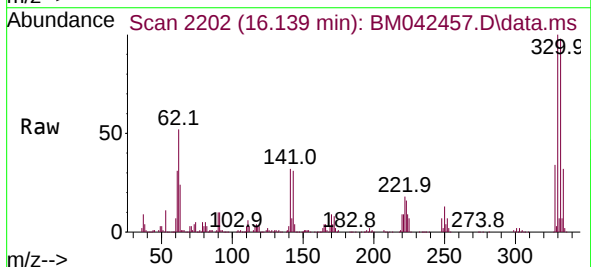
Instrument :
BNA_M
ClientSampleId :
PB156649BS

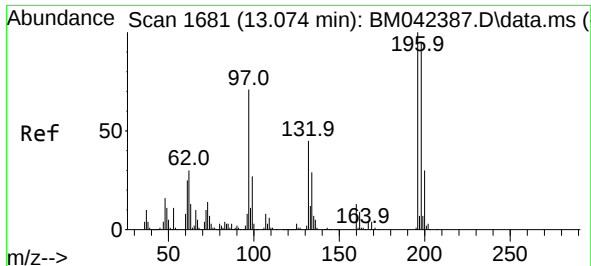
Tgt Ion:237 Resp: 512312
Ion Ratio Lower Upper
237 100
235 62.6 41.5 81.5
272 13.1 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 169.324 ng
RT: 16.139 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:330 Resp: 575988
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 34.1 38.0 57.0#

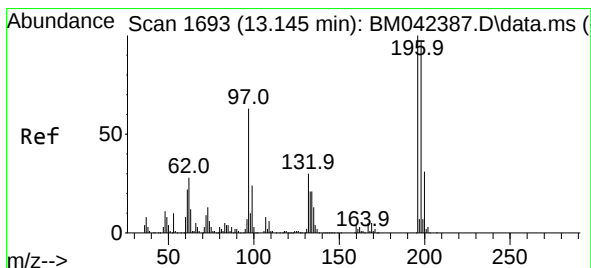
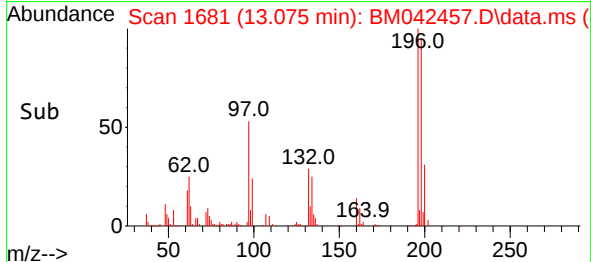
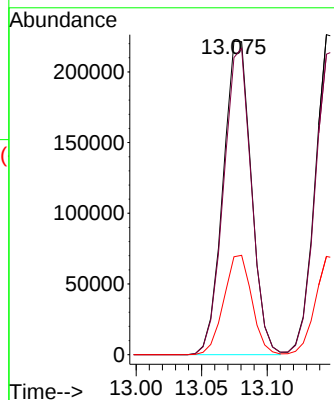
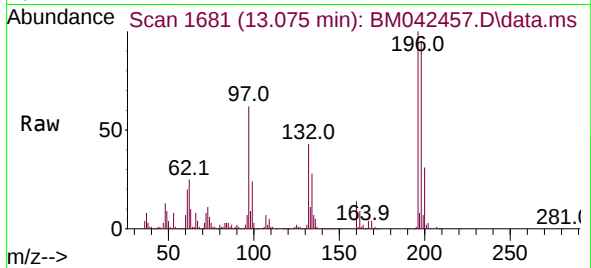




#43
2,4,6-Trichlorophenol
Concen: 58.624 ng
RT: 13.075 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

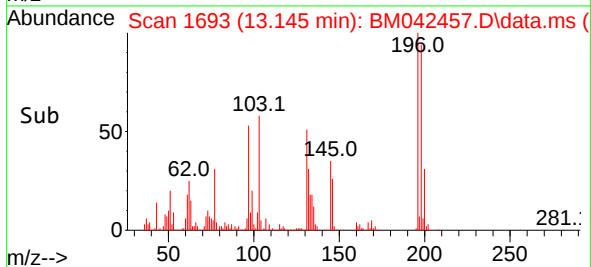
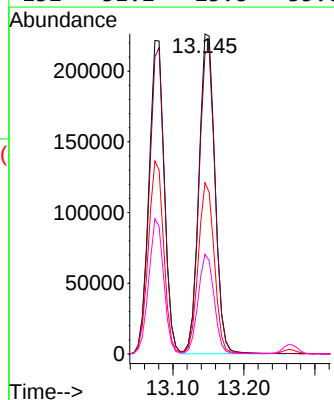
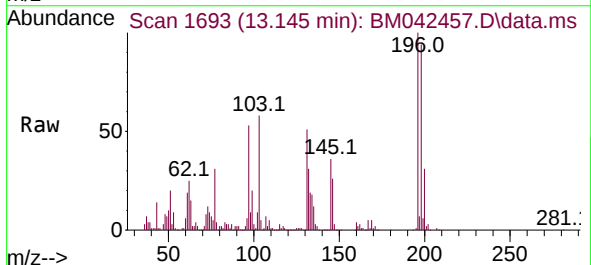
Instrument :
BNA_M
ClientSampleId :
PB156649BS

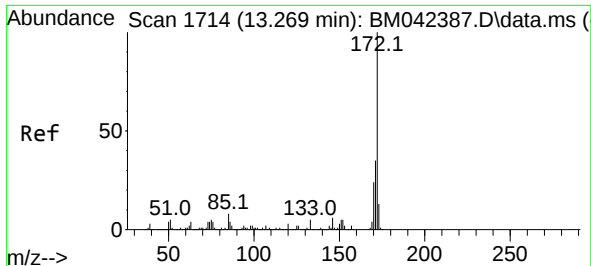
Tgt Ion:196 Resp: 332035
Ion Ratio Lower Upper
196 100
198 94.8 76.3 114.5
200 31.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 53.277 ng
RT: 13.145 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:196 Resp: 356704
Ion Ratio Lower Upper
196 100
198 93.9 77.9 116.9
97 53.5 50.9 76.3
132 31.2 23.8 35.6

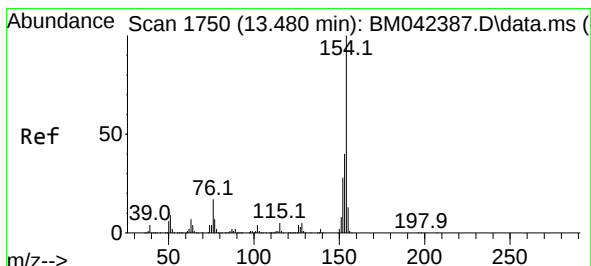
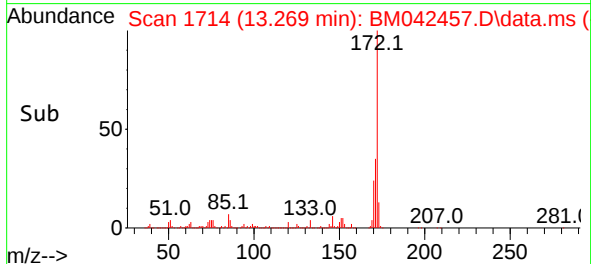
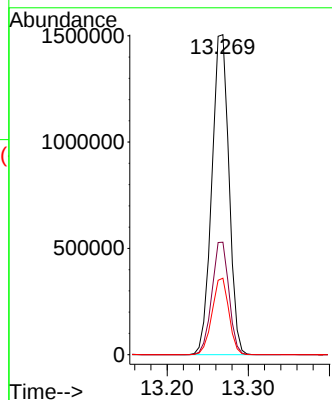
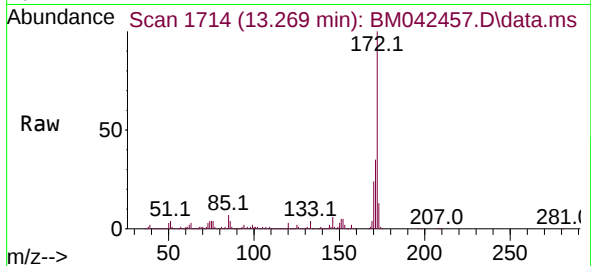




#45
2-Fluorobiphenyl
Concen: 97.954 ng
RT: 13.269 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

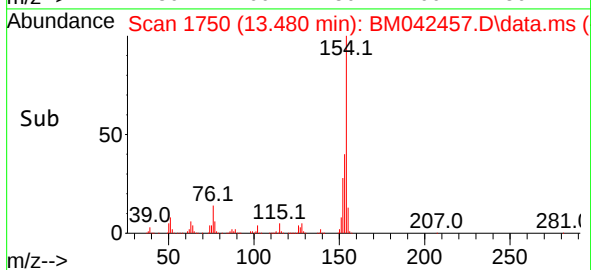
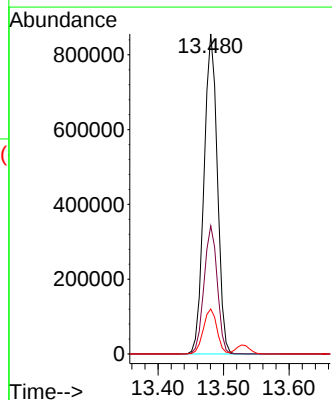
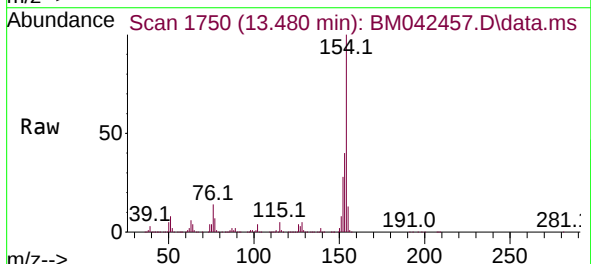
Instrument :
BNA_M
ClientSampleId :
PB156649BS

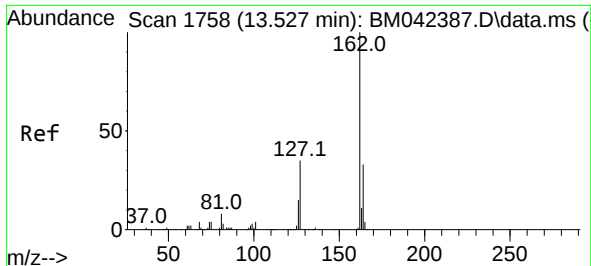
Tgt Ion:172 Resp: 2201444
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 50.631 ng
RT: 13.480 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:154 Resp: 1215581
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 14.1 0.0 36.9





#47

2-Chloronaphthalene

Concen: 52.065 ng

RT: 13.527 min Scan# 1758

Delta R.T. 0.000 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Instrument :

BNA_M

ClientSampleId :

PB156649BS

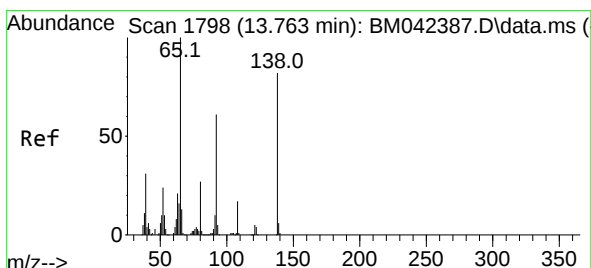
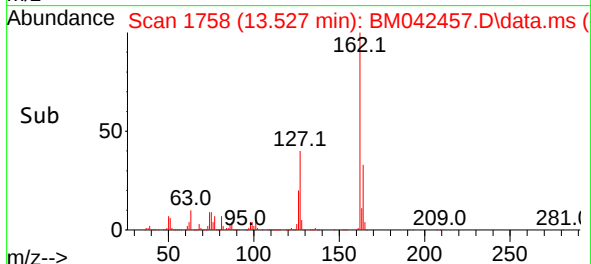
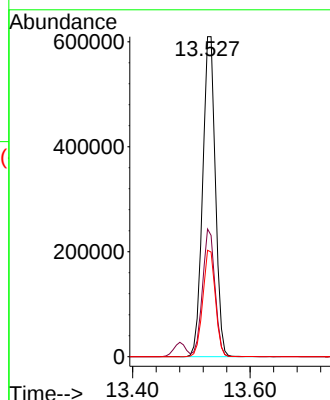
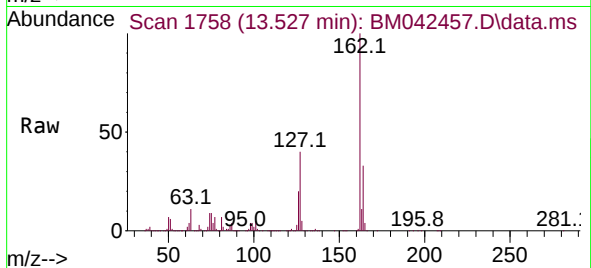
Tgt Ion:162 Resp: 917080

Ion Ratio Lower Upper

162 100

127 39.9 32.2 48.2

164 33.2 26.2 39.2



#48

2-Nitroaniline

Concen: 41.174 ng

RT: 13.763 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

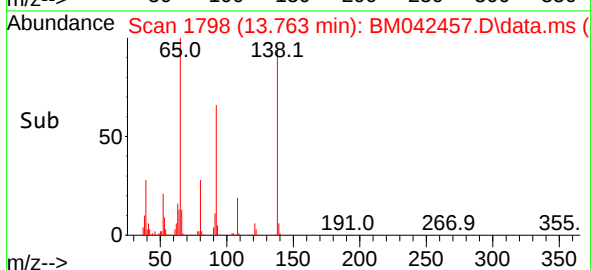
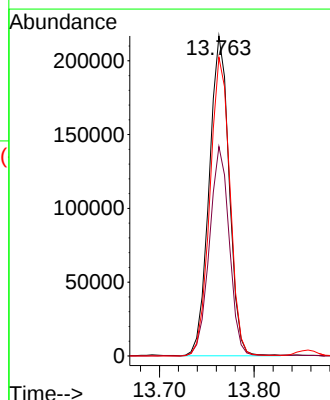
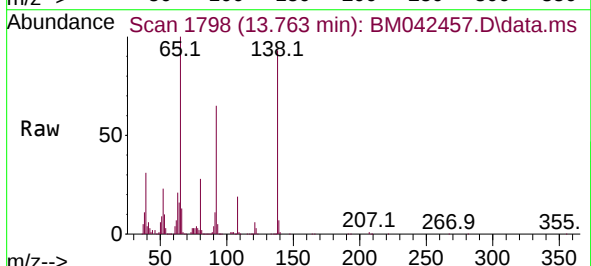
Tgt Ion: 65 Resp: 316061

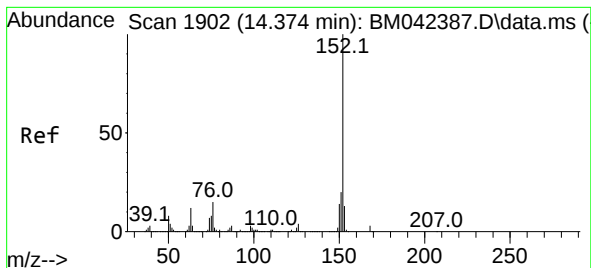
Ion Ratio Lower Upper

65 100

92 65.4 49.0 73.6

138 93.3 65.5 98.3





#49

Acenaphthylene

Concen: 52.760 ng

RT: 14.374 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Instrument :

BNA_M

ClientSampleId :

PB156649BS

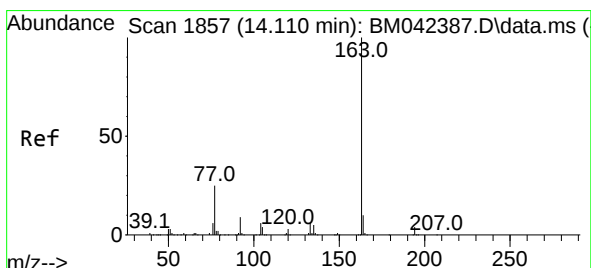
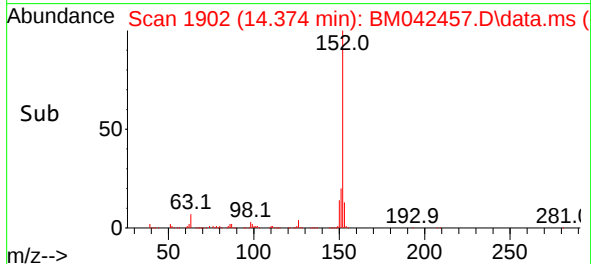
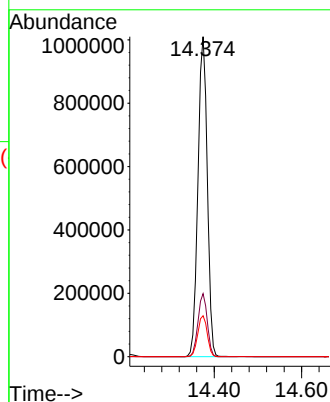
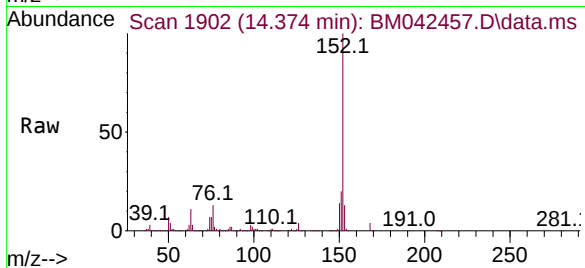
Tgt Ion:152 Resp: 1500321

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 49.565 ng

RT: 14.110 min Scan# 1857

Delta R.T. -0.000 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

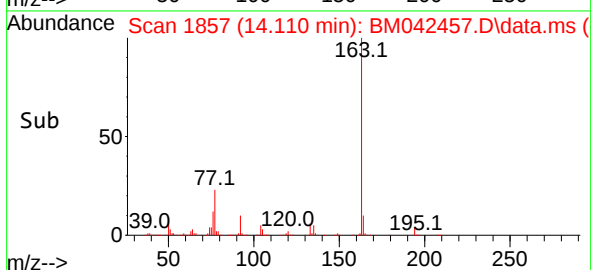
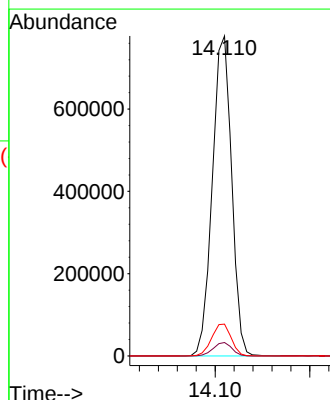
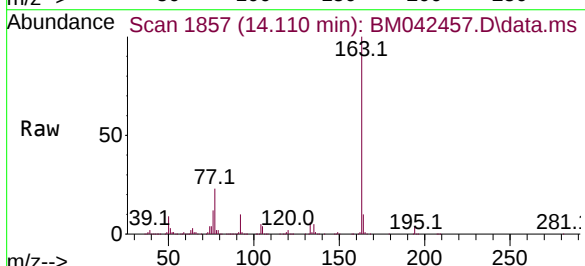
Tgt Ion:163 Resp: 1100281

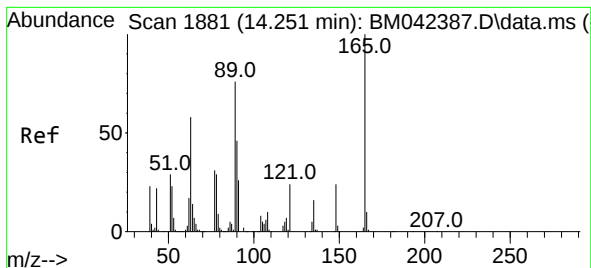
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

164 9.9 7.9 11.9

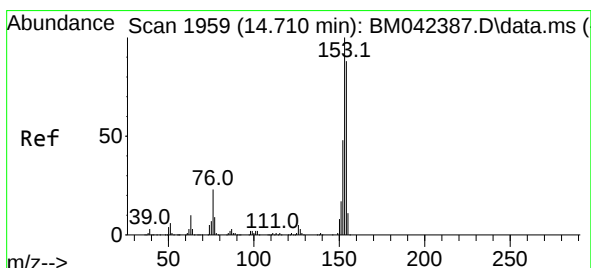
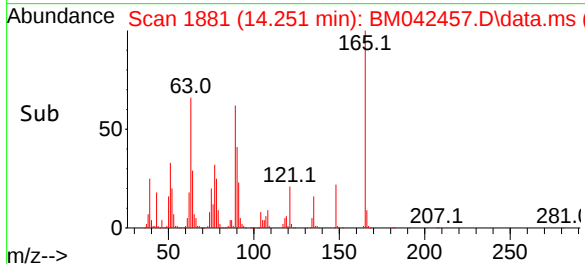
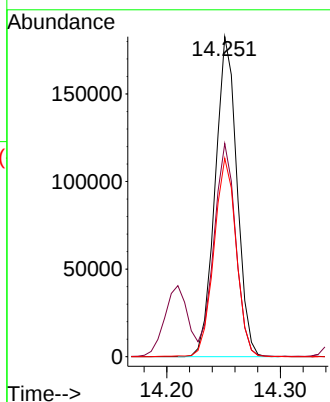
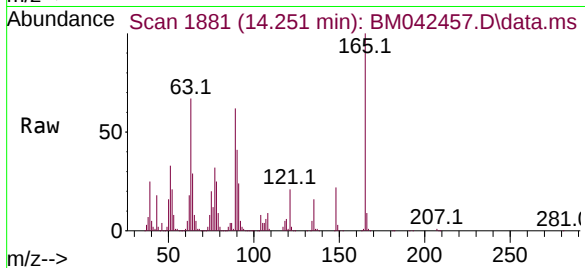




#51
2,6-Dinitrotoluene
Concen: 48.594 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

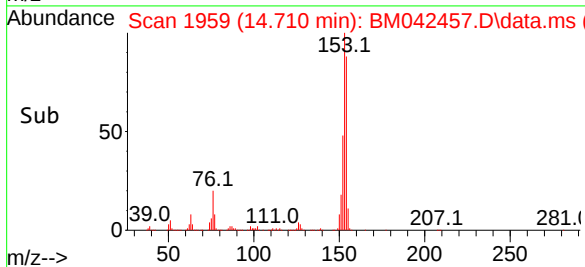
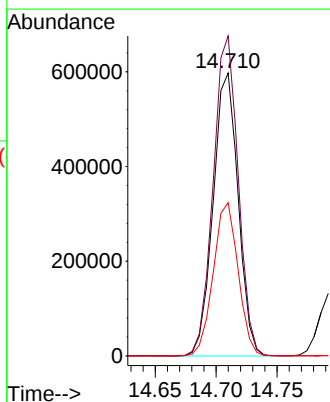
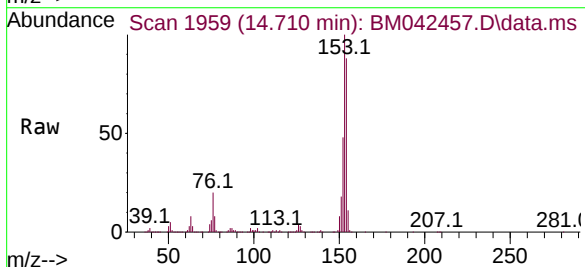
Instrument :
BNA_M
ClientSampleId :
PB156649BS

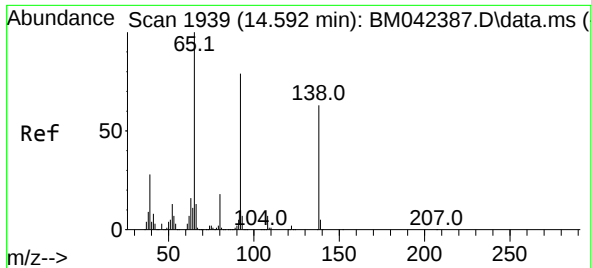
Tgt Ion:165 Resp: 243758
Ion Ratio Lower Upper
165 100
63 66.6 65.3 97.9
89 62.0 60.6 91.0



#52
Acenaphthene
Concen: 49.575 ng
RT: 14.710 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:154 Resp: 852297
Ion Ratio Lower Upper
154 100
153 113.1 91.1 136.7
152 54.2 44.0 66.0

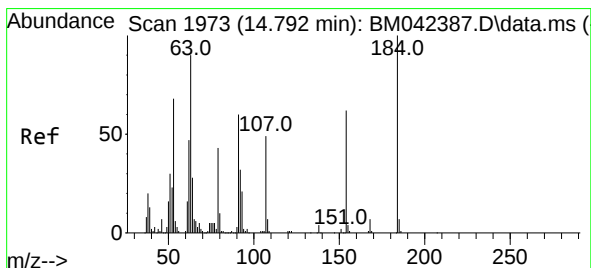
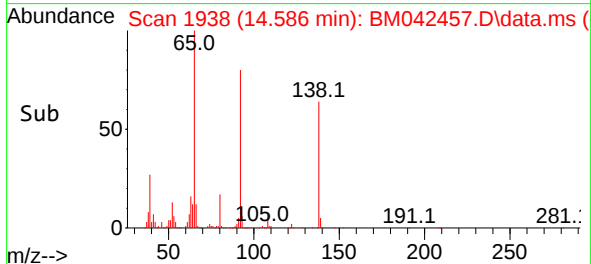
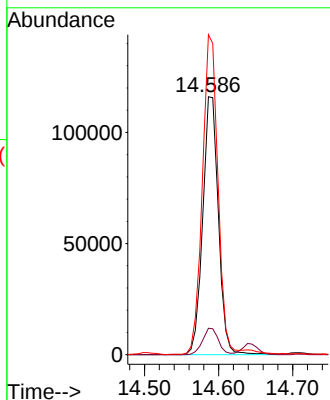
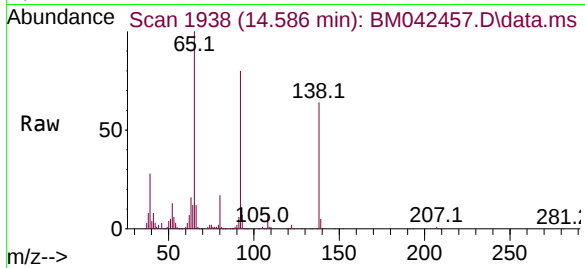




#53
3-Nitroaniline
Concen: 30.120 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

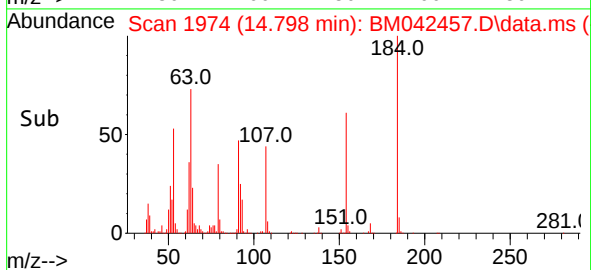
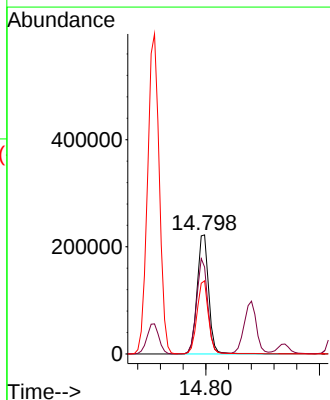
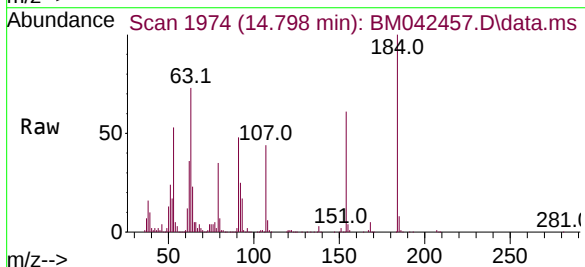
Instrument :
BNA_M
ClientSampleId :
PB156649BS

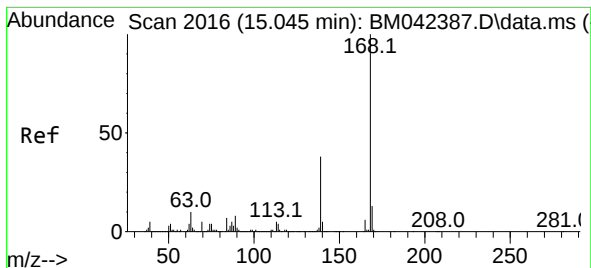
Tgt Ion:138 Resp: 171256
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 124.1 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 99.401 ng
RT: 14.798 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:184 Resp: 315472
Ion Ratio Lower Upper
184 100
63 73.0 72.2 108.2
154 61.5 49.6 74.4

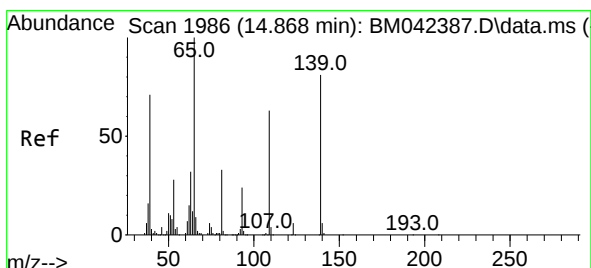
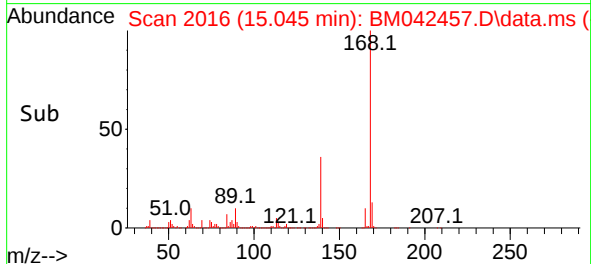
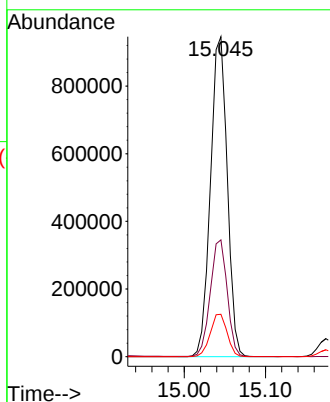
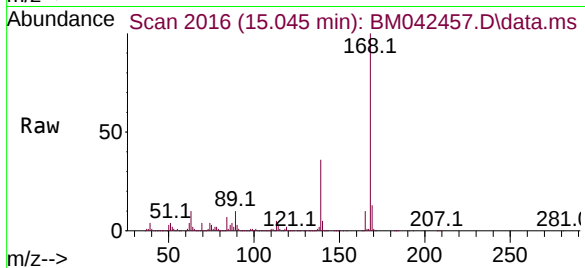




#55
Dibenzofuran
Concen: 49.851 ng
RT: 15.045 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

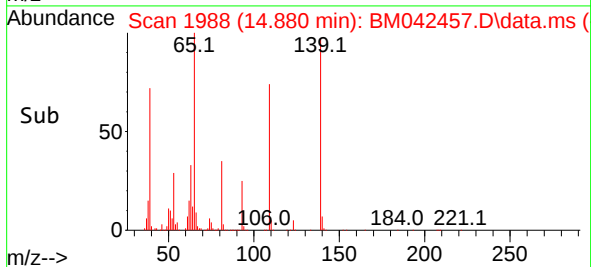
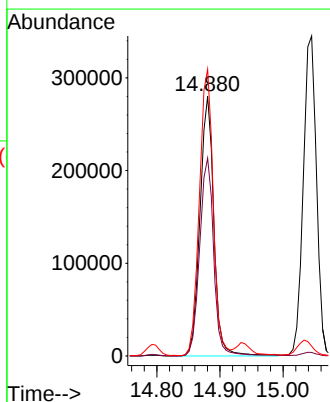
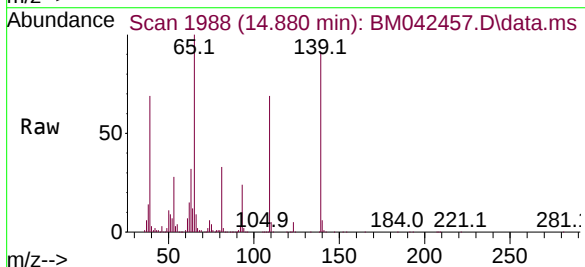
Instrument :
BNA_M
ClientSampleId :
PB156649BS

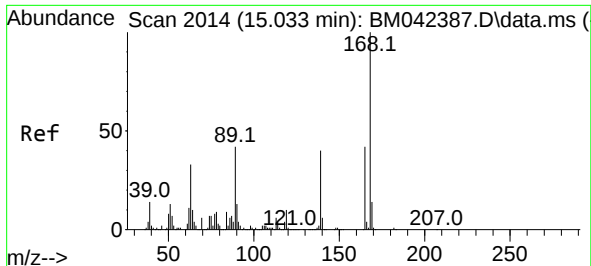
Tgt Ion:168 Resp: 1355544
Ion Ratio Lower Upper
168 100
139 36.5 30.6 46.0
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 94.454 ng
RT: 14.880 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:139 Resp: 427044
Ion Ratio Lower Upper
139 100
109 76.2 58.0 98.0
65 110.4 104.2 144.2

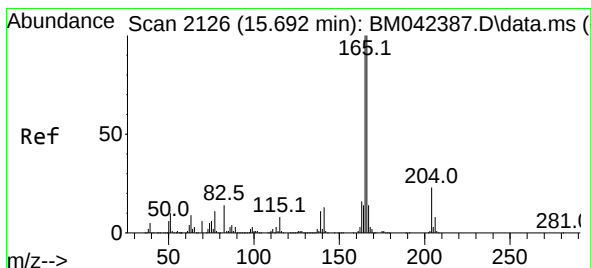
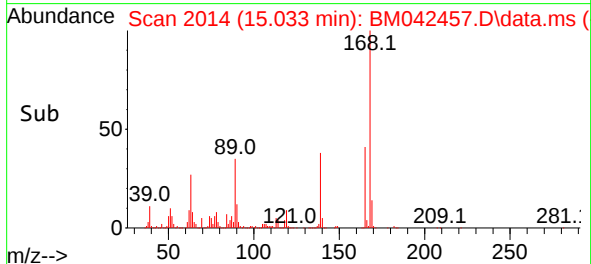
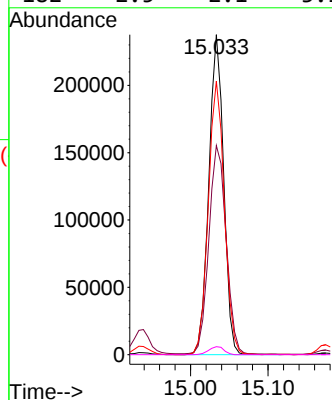
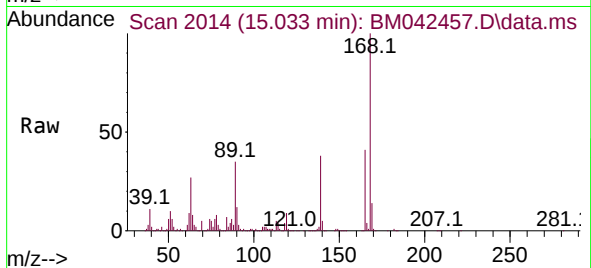




#57
2,4-Dinitrotoluene
Concen: 47.193 ng
RT: 15.033 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

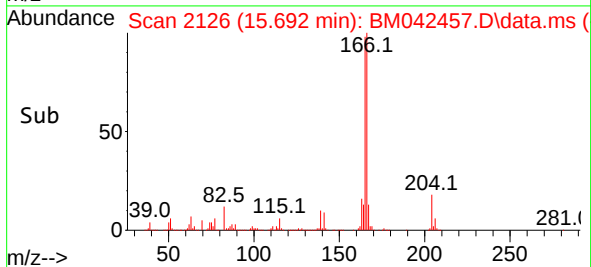
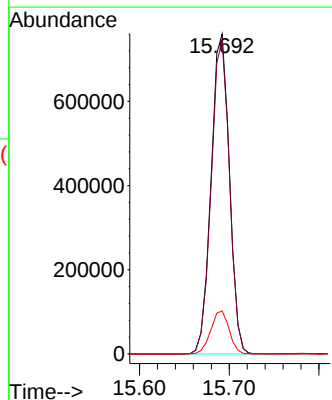
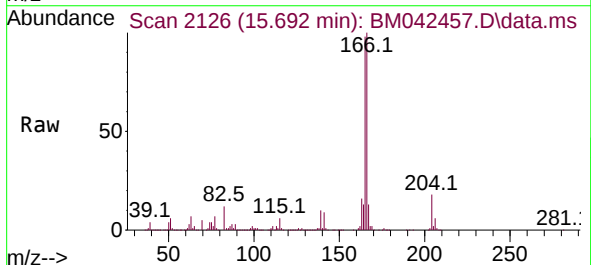
Instrument :
BNA_M
ClientSampleId :
PB156649BS

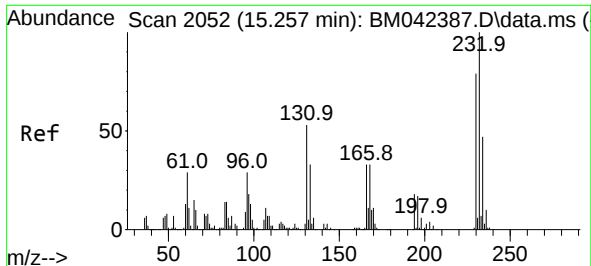
Tgt Ion:165 Resp: 315872
Ion Ratio Lower Upper
165 100
63 65.3 62.9 94.3
89 85.5 80.2 120.2
182 2.5 2.1 3.1



#58
Fluorene
Concen: 50.135 ng
RT: 15.692 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:166 Resp: 1075752
Ion Ratio Lower Upper
166 100
165 98.0 79.6 119.4
167 13.5 10.9 16.3



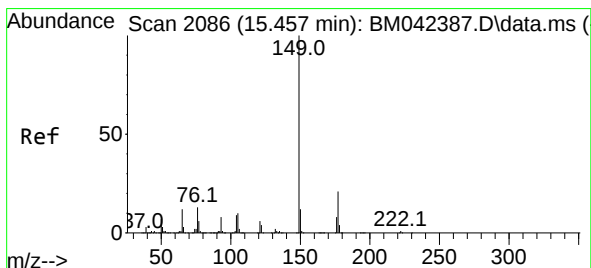
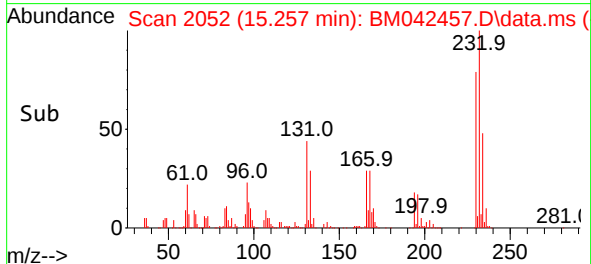
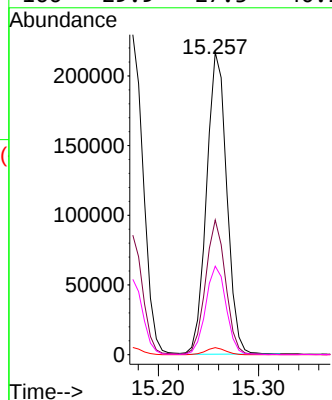
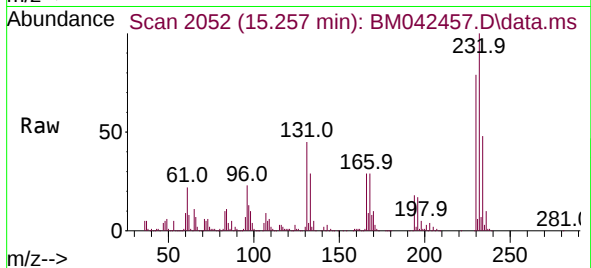


#59
2,3,4,6-Tetrachlorophenol
Concen: 60.165 ng
RT: 15.257 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Instrument :
BNA_M
ClientSampleId :
PB156649BS

Tgt Ion:232 Resp: 302611

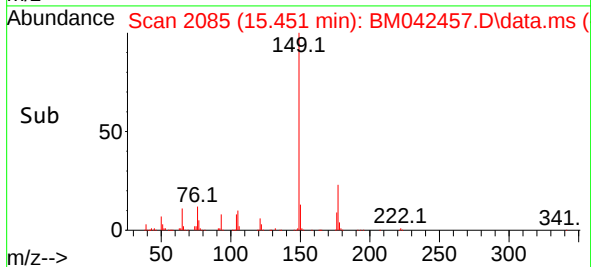
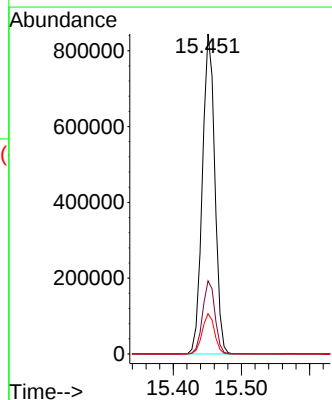
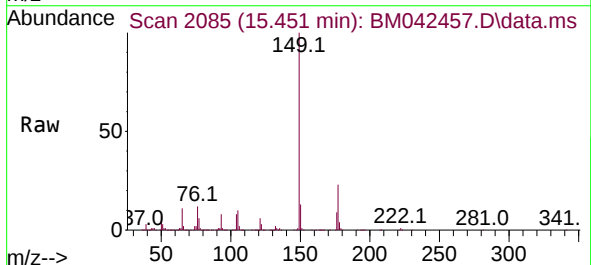
Ion	Ratio	Lower	Upper
232	100		
131	44.3	42.8	64.2
130	2.2	2.2	3.2
166	29.9	27.3	40.9

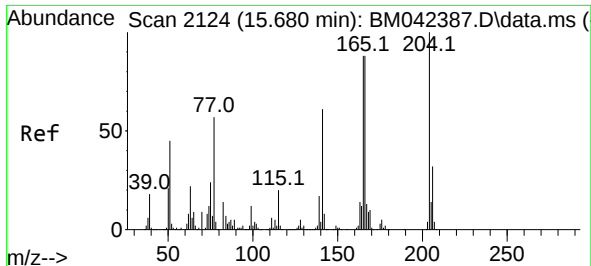


#60
Diethylphthalate
Concen: 48.948 ng
RT: 15.451 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:149 Resp: 1072272

Ion	Ratio	Lower	Upper
149	100		
177	22.9	16.7	25.1
150	12.6	9.8	14.6

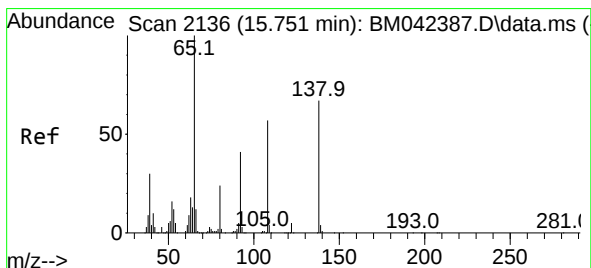
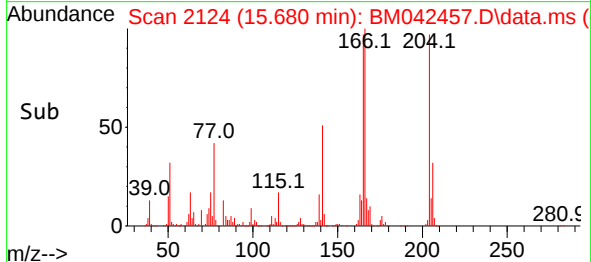
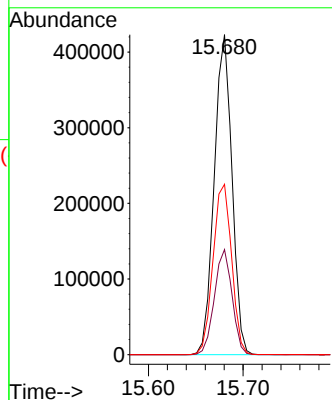
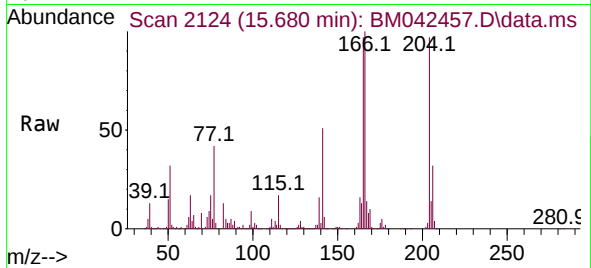




#61
4-Chlorophenyl-phenylether
Concen: 54.668 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

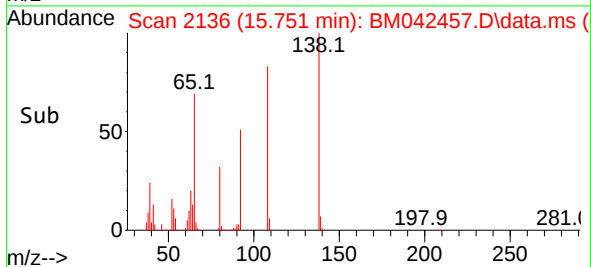
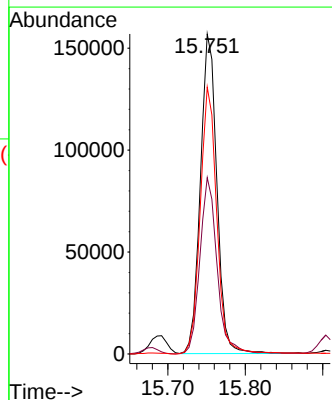
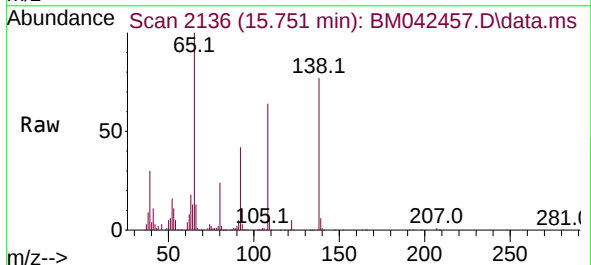
Instrument :
BNA_M
ClientSampleId :
PB156649BS

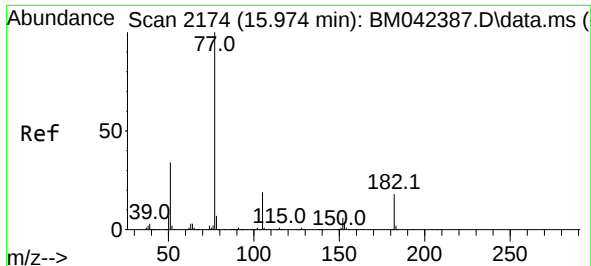
Tgt Ion:204 Resp: 552428
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 53.3 49.1 73.7



#62
4-Nitroaniline
Concen: 41.172 ng
RT: 15.751 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:138 Resp: 231455
Ion Ratio Lower Upper
138 100
92 55.1 40.4 80.4
108 83.4 65.3 105.3



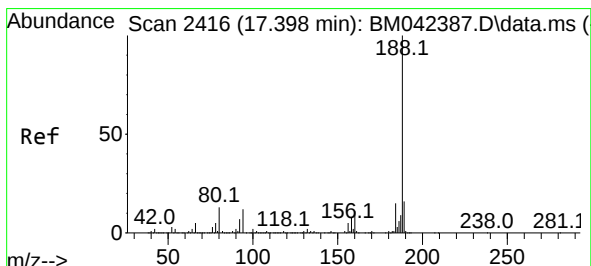
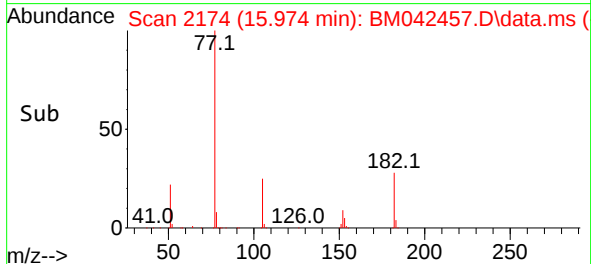
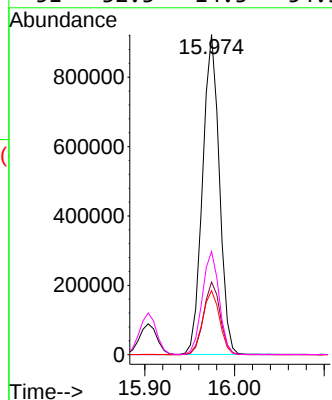
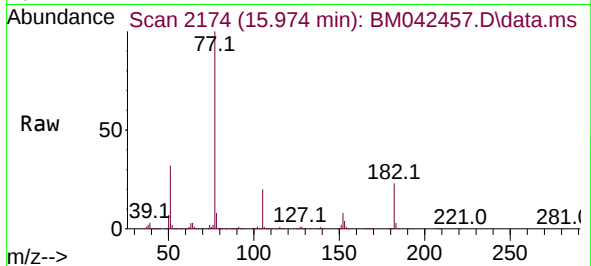


#63
Azobenzene
Concen: 45.475 ng
RT: 15.974 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Instrument :
BNA_M
ClientSampleId :
PB156649BS

Tgt Ion: 77 Resp: 1195207

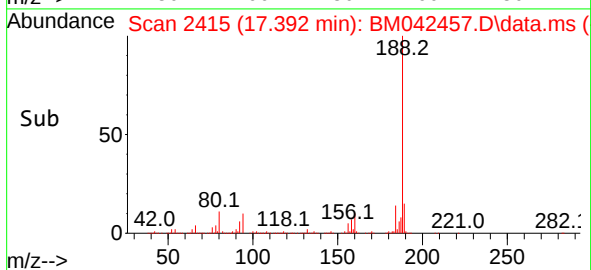
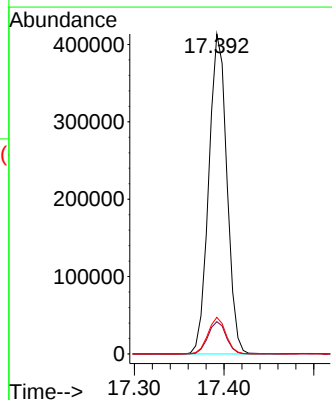
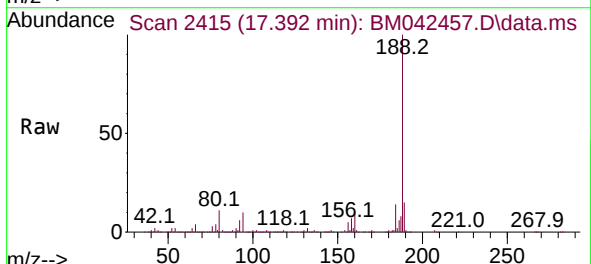
Ion	Ratio	Lower	Upper
77	100		
182	22.7	0.0	37.7
105	20.0	0.0	38.9
51	32.3	14.3	54.3

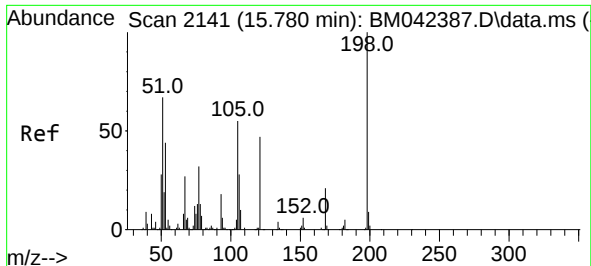


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion: 188 Resp: 579498

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.0
80	11.4	10.7	16.1

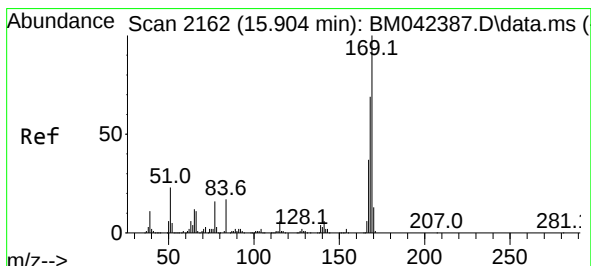
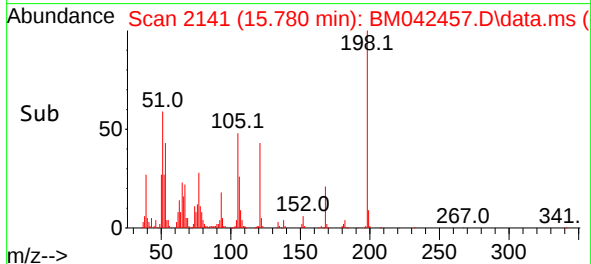
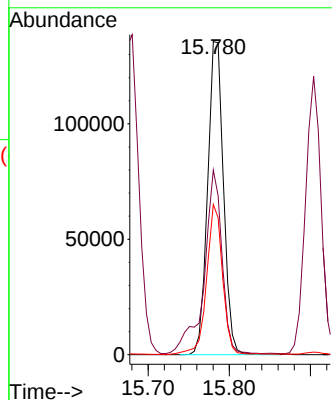
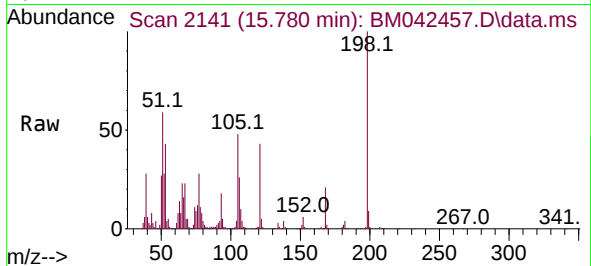




#65
4,6-Dinitro-2-methylphenol
Concen: 49.416 ng
RT: 15.780 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

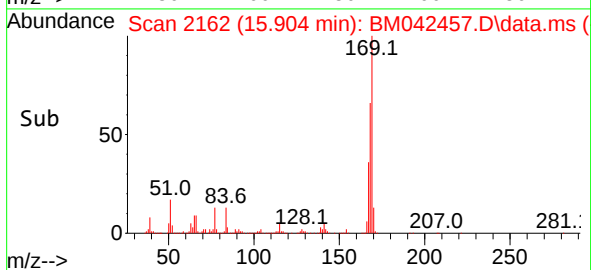
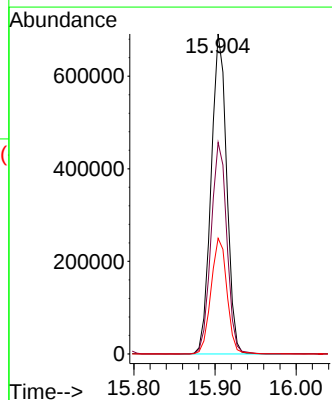
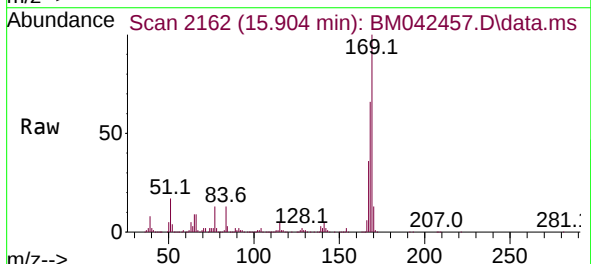
Instrument :
BNA_M
ClientSampleId :
PB156649BS

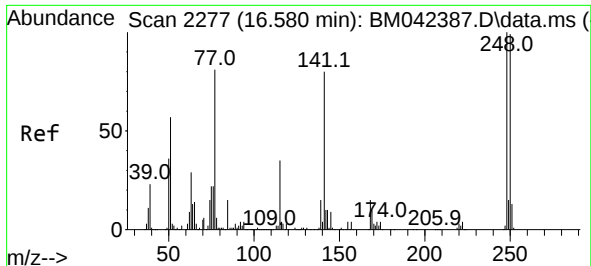
Tgt Ion:198 Resp: 183678
Ion Ratio Lower Upper
198 100
51 59.0 54.1 94.1
105 48.0 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 52.688 ng
RT: 15.904 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:169 Resp: 919642
Ion Ratio Lower Upper
169 100
168 66.1 55.4 83.2
167 36.1 29.9 44.9

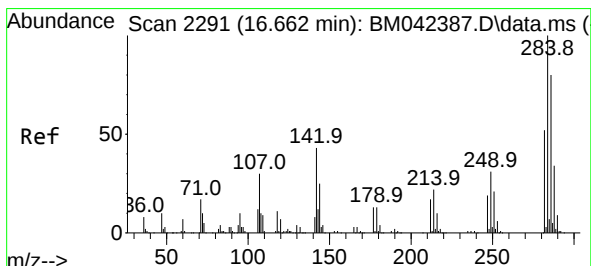
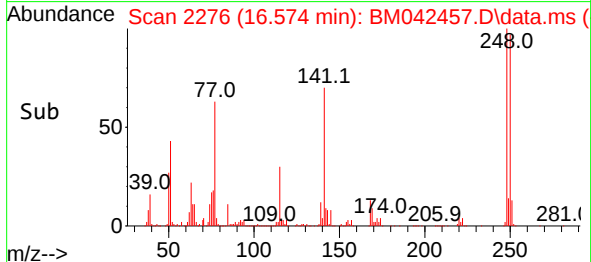
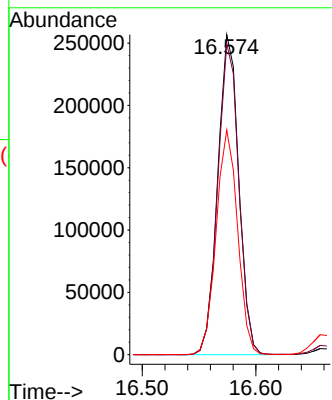
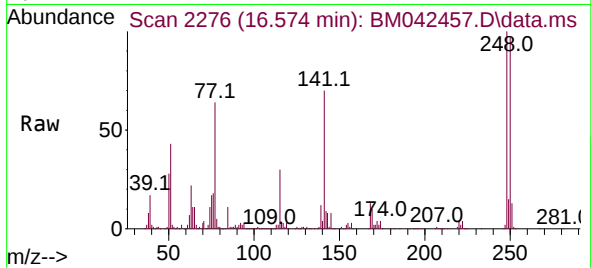




#67
4-Bromophenyl-phenylether
Concen: 61.699 ng
RT: 16.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

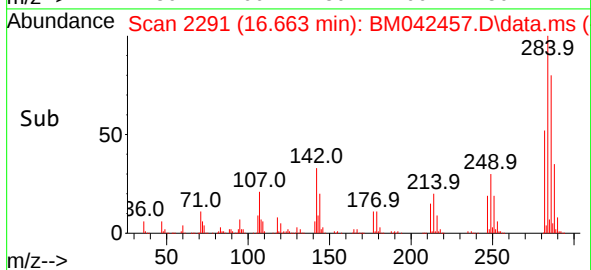
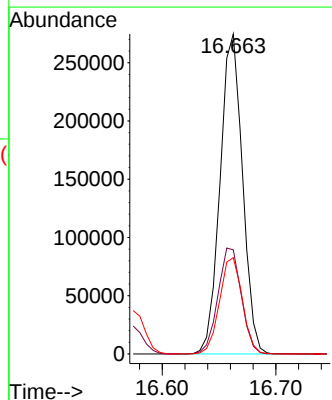
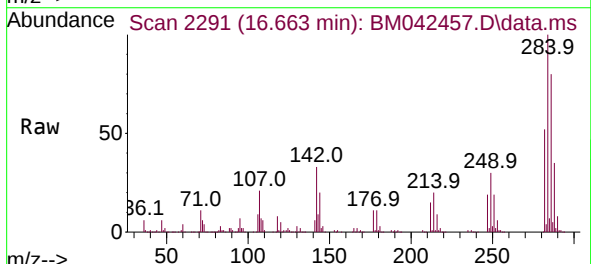
Instrument :
BNA_M
ClientSampleId :
PB156649BS

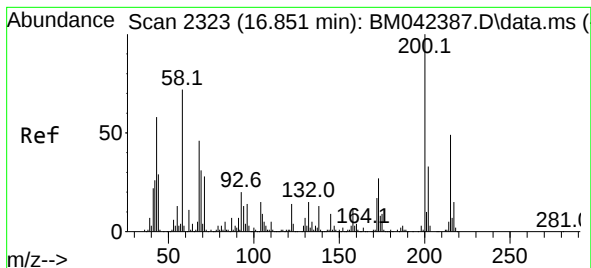
Tgt Ion:248 Resp: 331378
Ion Ratio Lower Upper
248 100
250 97.2 79.4 119.2
141 70.2 64.3 96.5



#68
Hexachlorobenzene
Concen: 65.546 ng
RT: 16.663 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:284 Resp: 376299
Ion Ratio Lower Upper
284 100
142 32.6 34.2 51.2#
249 30.1 24.7 37.1





#69

Atrazine

Concen: 70.318 ng

RT: 16.851 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Instrument :

BNA_M

ClientSampleId :

PB156649BS

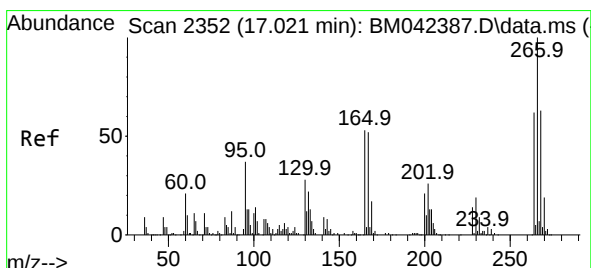
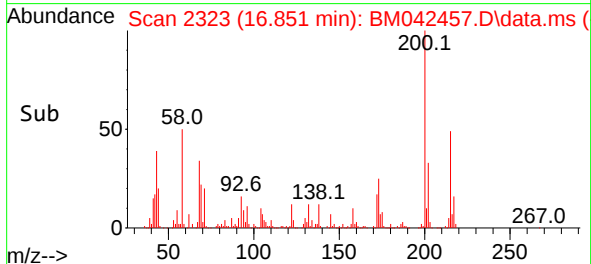
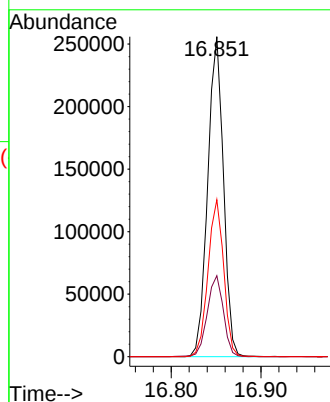
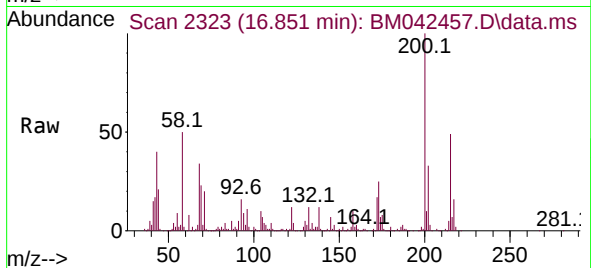
Tgt Ion:200 Resp: 311248

Ion Ratio Lower Upper

200 100

173 25.3 6.6 46.6

215 49.0 28.6 68.6



#70

Pentachlorophenol

Concen: 104.137 ng

RT: 17.021 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

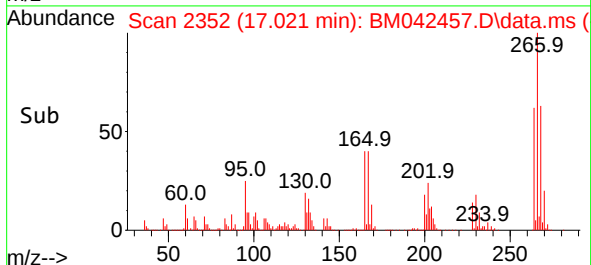
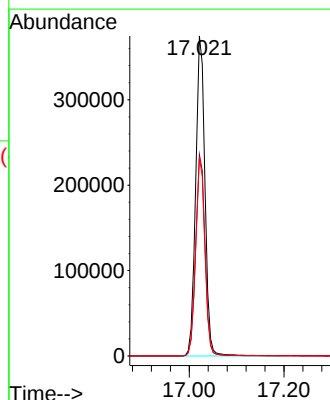
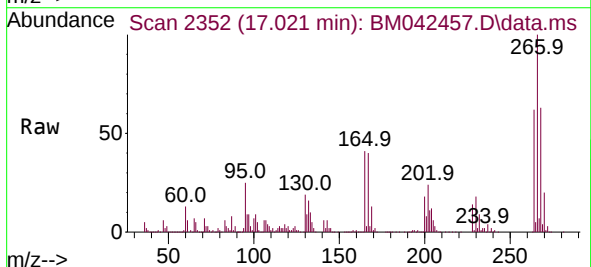
Tgt Ion:266 Resp: 508452

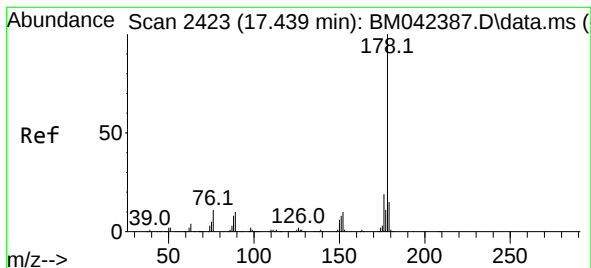
Ion Ratio Lower Upper

266 100

268 62.9 50.6 76.0

264 62.2 49.4 74.0





#71

Phenanthrene

Concen: 51.077 ng

RT: 17.439 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Instrument :

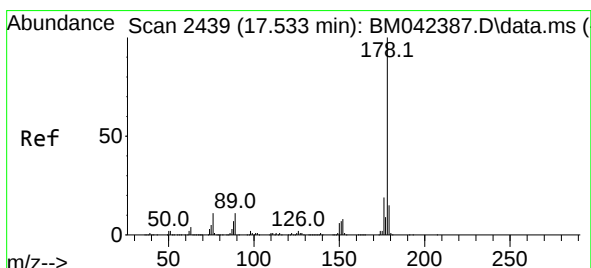
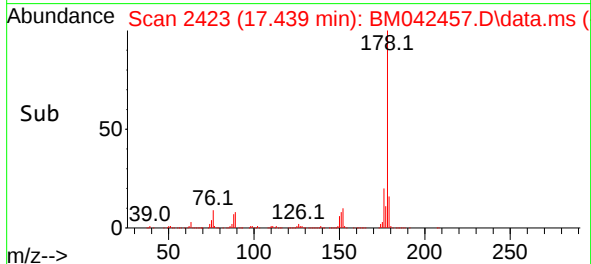
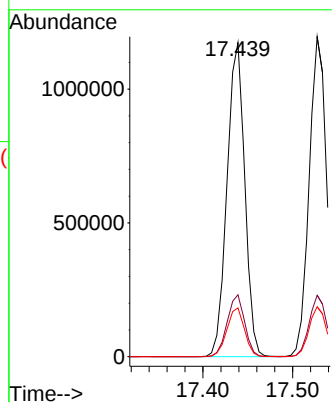
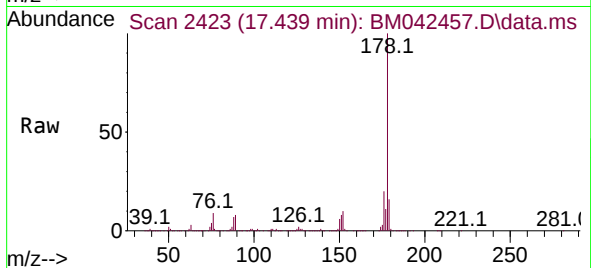
BNA_M

ClientSampleId :

PB156649BS

Tgt Ion:178 Resp: 1610184

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.5	12.3	18.5



#72

Anthracene

Concen: 51.867 ng

RT: 17.527 min Scan# 2438

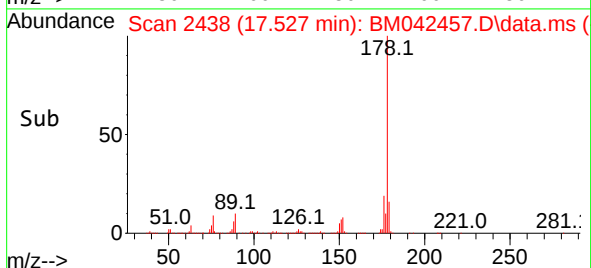
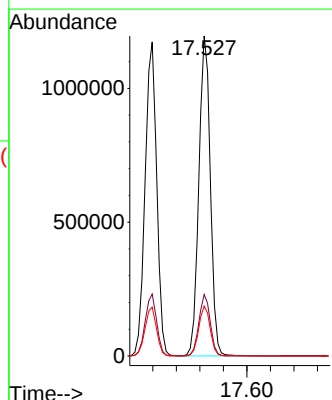
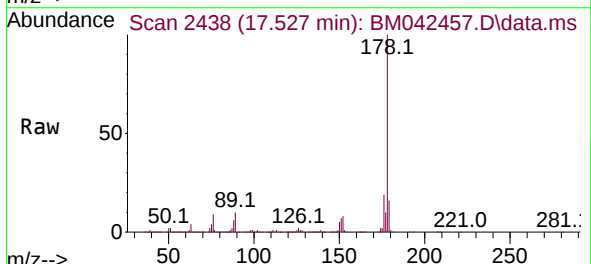
Delta R.T. -0.006 min

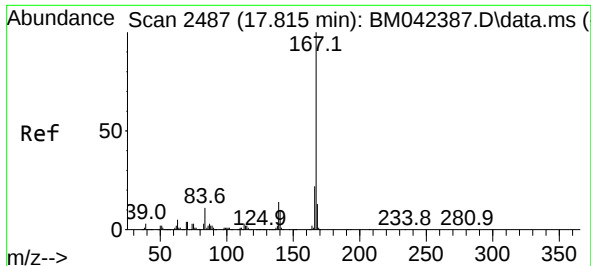
Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Tgt Ion:178 Resp: 1619367

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.1	18.1

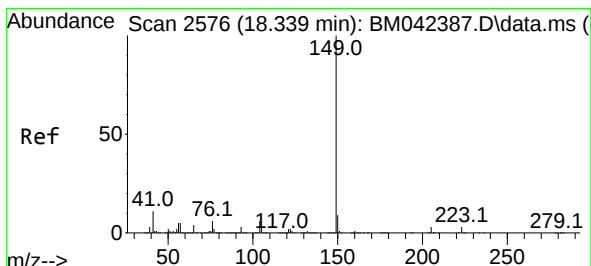
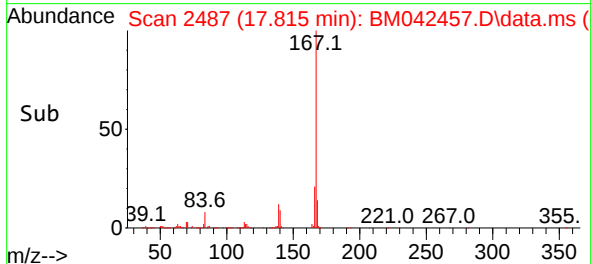
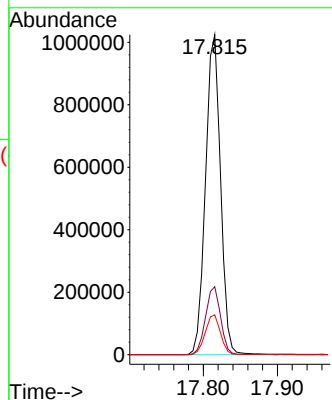
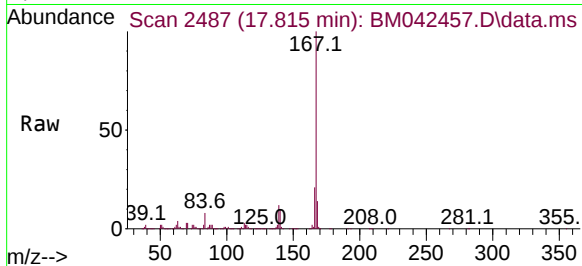




#73
 Carbazole
 Concen: 49.246 ng
 RT: 17.815 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BM042457.D
 Acq: 26 Oct 2023 17:51

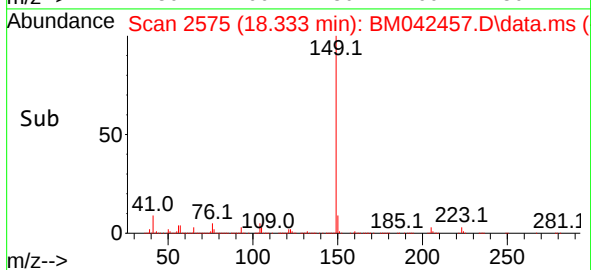
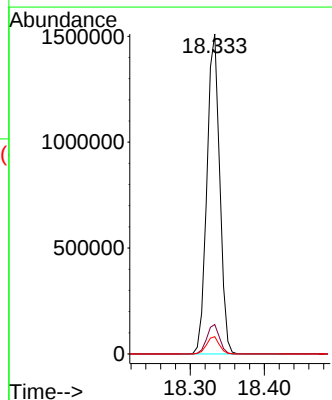
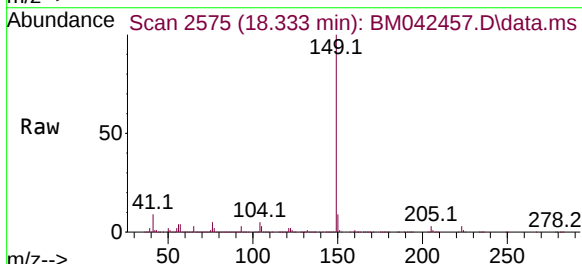
Instrument :
 BNA_M
 ClientSampleId :
 PB156649BS

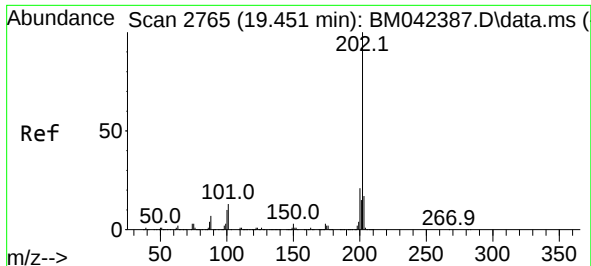
Tgt Ion:167 Resp: 1442397
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 12.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 48.719 ng
 RT: 18.333 min Scan# 2575
 Delta R.T. -0.006 min
 Lab File: BM042457.D
 Acq: 26 Oct 2023 17:51

Tgt Ion:149 Resp: 1808622
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.4 4.6 7.0

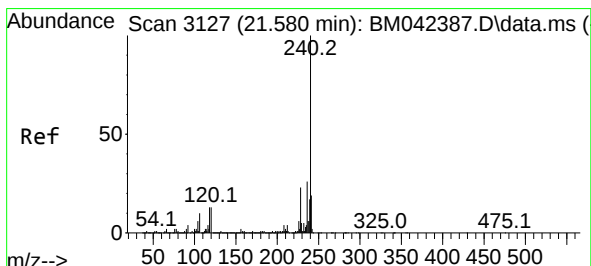
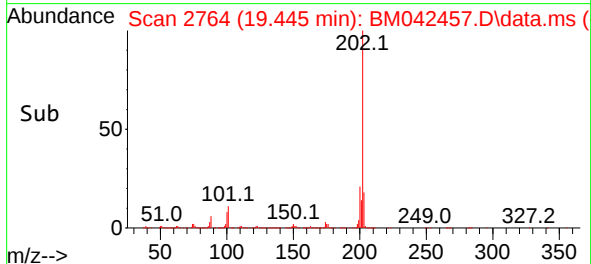
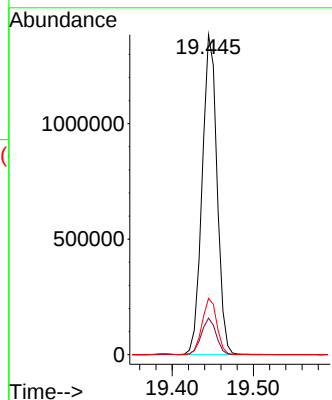
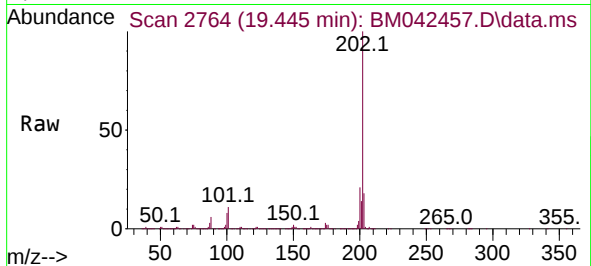




#75
Fluoranthene
Concen: 50.652 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

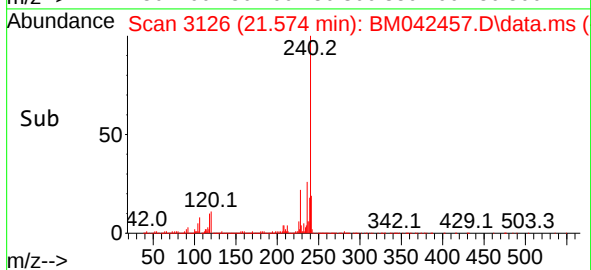
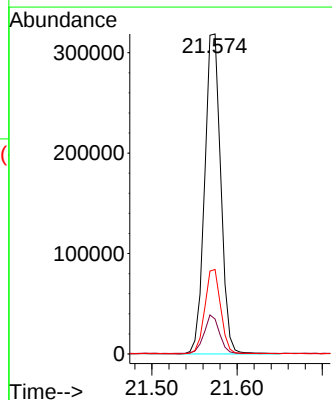
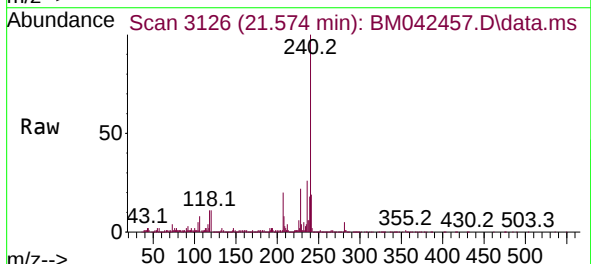
Instrument :
BNA_M
ClientSampleId :
PB156649BS

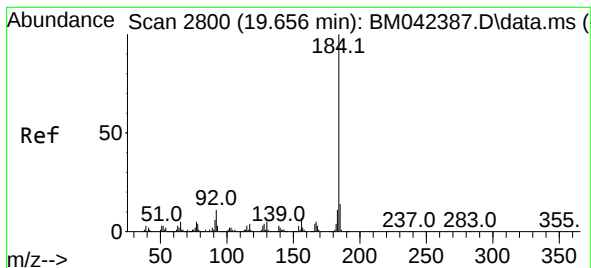
Tgt Ion:202 Resp: 1758633
Ion Ratio Lower Upper
202 100
101 11.4 0.0 33.3
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:240 Resp: 418902
Ion Ratio Lower Upper
240 100
120 10.9 10.7 16.1
236 26.4 20.7 31.1





#77

Benzidine

Concen: 111.738 ng

RT: 19.656 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Instrument :

BNA_M

ClientSampleId :

PB156649BS

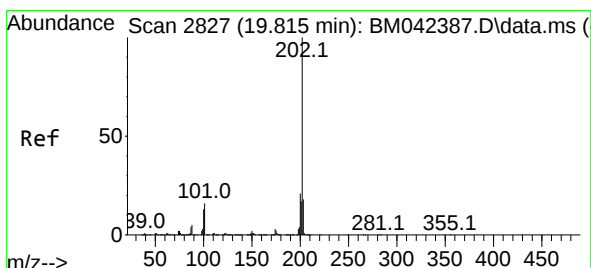
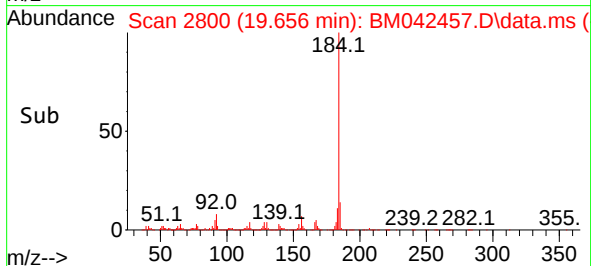
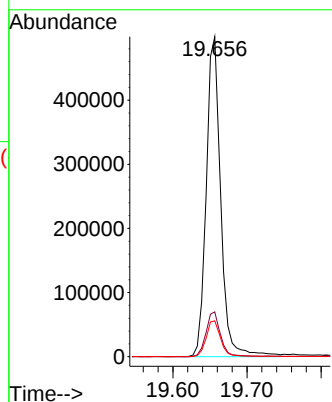
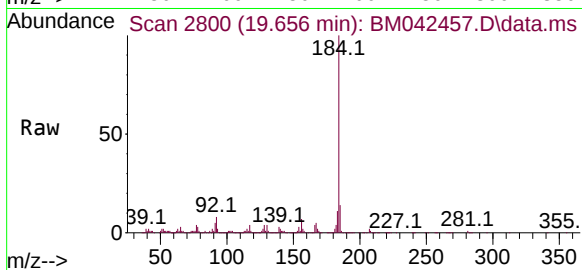
Tgt Ion:184 Resp: 677032

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.2 9.2 13.8



#78

Pyrene

Concen: 61.559 ng

RT: 19.815 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

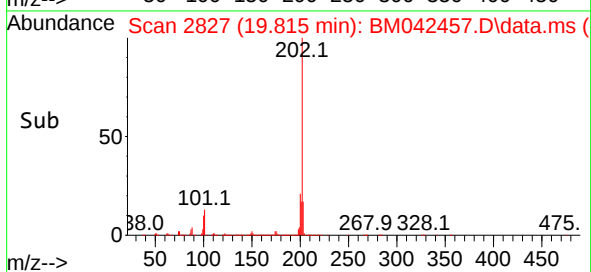
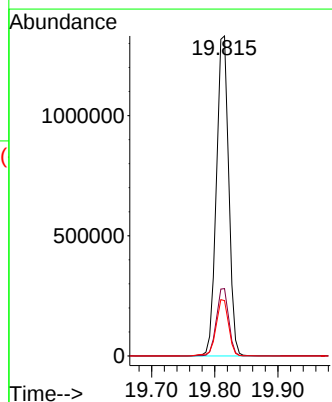
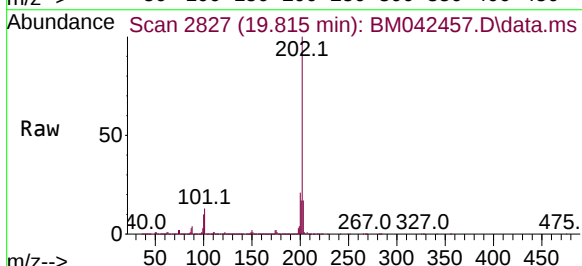
Tgt Ion:202 Resp: 1801988

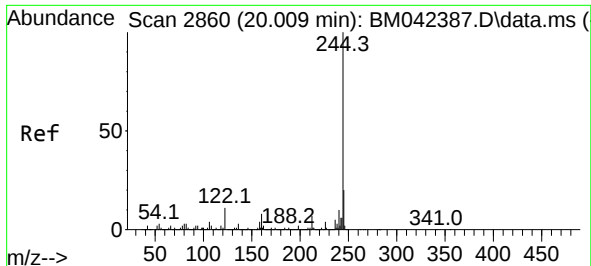
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.3 14.1 21.1

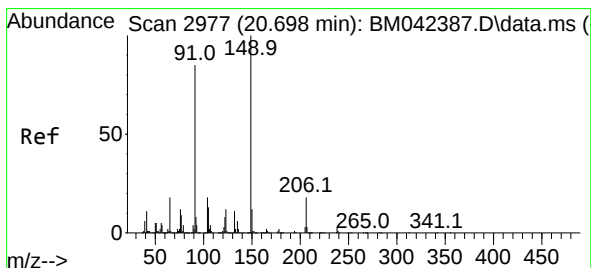
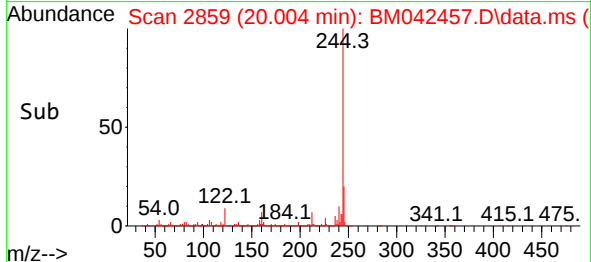
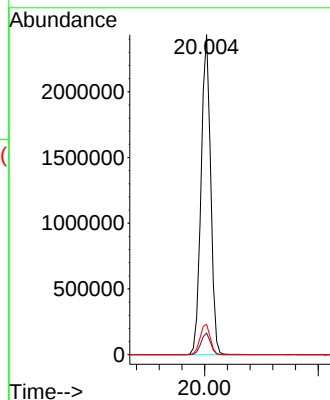
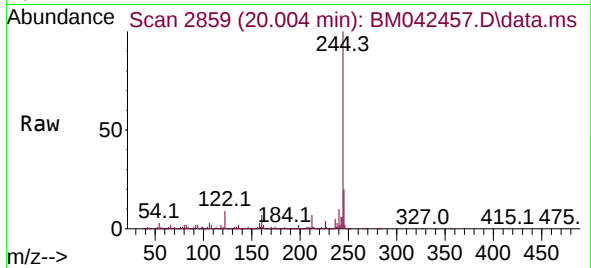




#79
 Terphenyl-d14
 Concen: 120.482 ng
 RT: 20.004 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM042457.D
 Acq: 26 Oct 2023 17:51

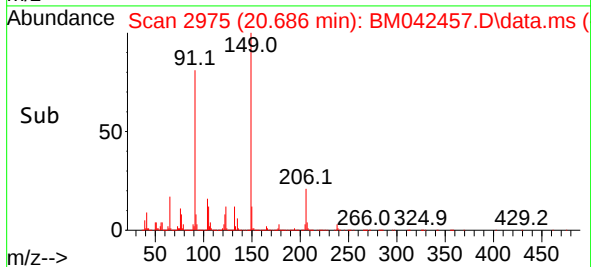
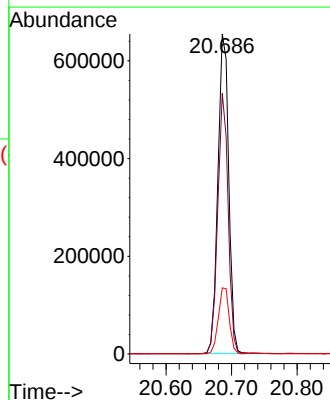
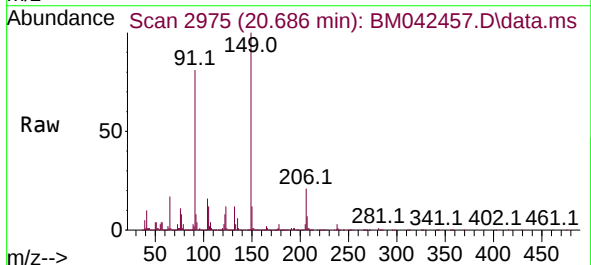
Instrument :
 BNA_M
 ClientSampleId :
 PB156649BS

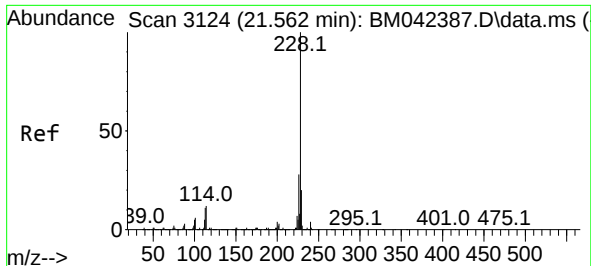
Tgt Ion:244 Resp: 2845807
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.4 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 55.850 ng
 RT: 20.686 min Scan# 2975
 Delta R.T. -0.012 min
 Lab File: BM042457.D
 Acq: 26 Oct 2023 17:51

Tgt Ion:149 Resp: 748674
 Ion Ratio Lower Upper
 149 100
 91 81.4 68.3 102.5
 206 20.6 14.6 22.0

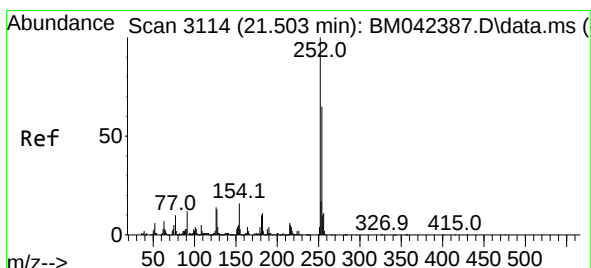
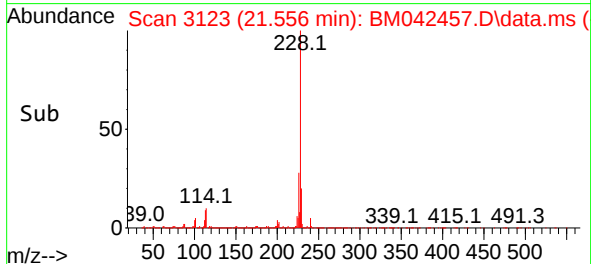
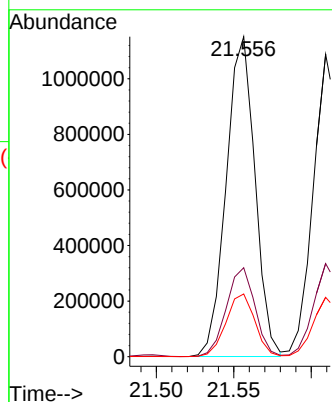
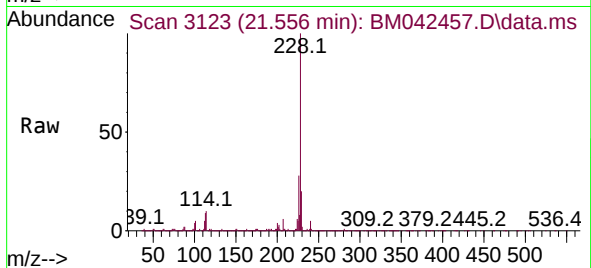




#81
Benzo(a)anthracene
Concen: 52.901 ng
RT: 21.556 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

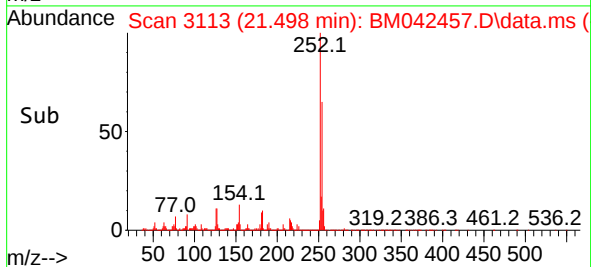
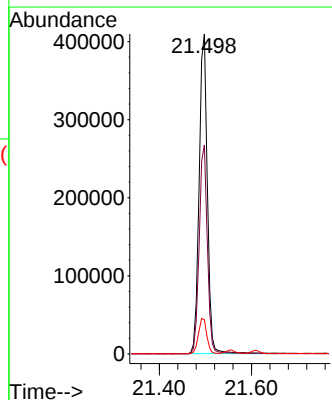
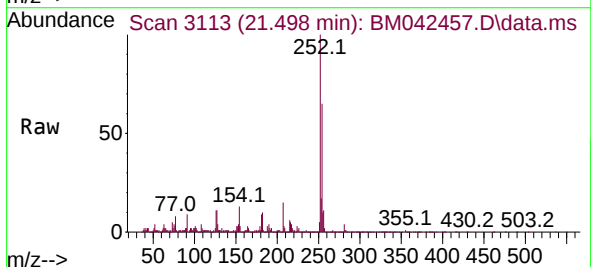
Instrument :
BNA_M
ClientSampleId :
PB156649BS

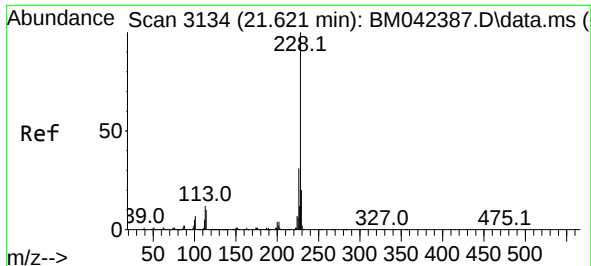
Tgt Ion:228 Resp: 1485587
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 60.518 ng
RT: 21.498 min Scan# 3113
Delta R.T. -0.005 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:252 Resp: 507328
Ion Ratio Lower Upper
252 100
254 65.3 52.2 78.2
126 10.7 11.4 17.2#

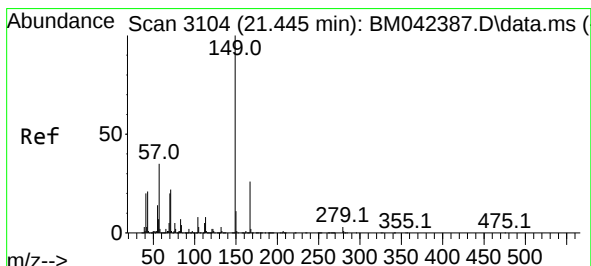
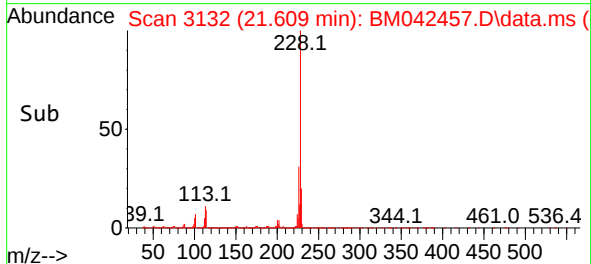
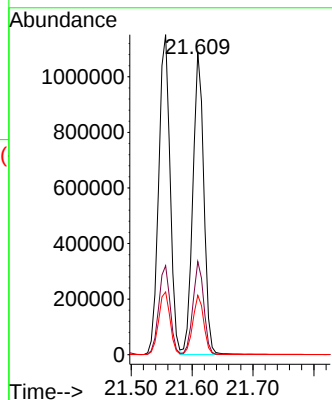
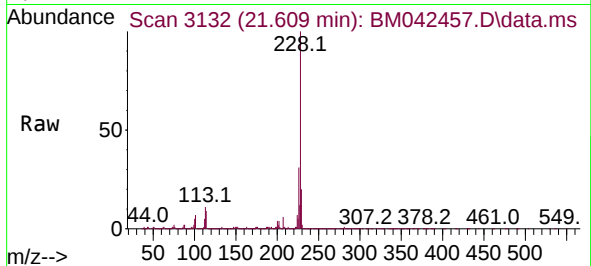




#83
Chrysene
Concen: 50.313 ng
RT: 21.609 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

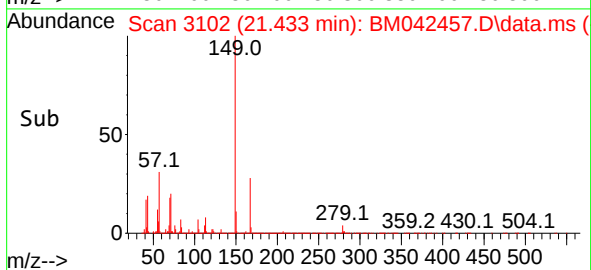
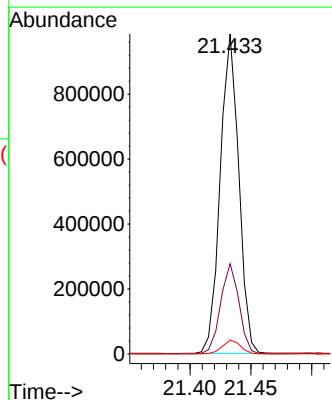
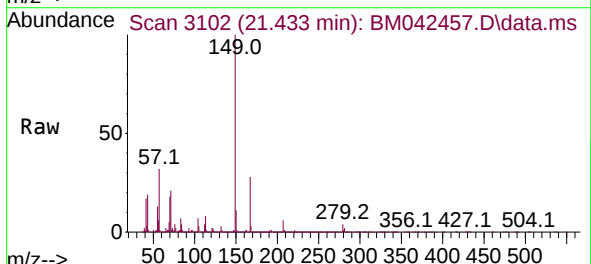
Instrument :
BNA_M
ClientSampleId :
PB156649BS

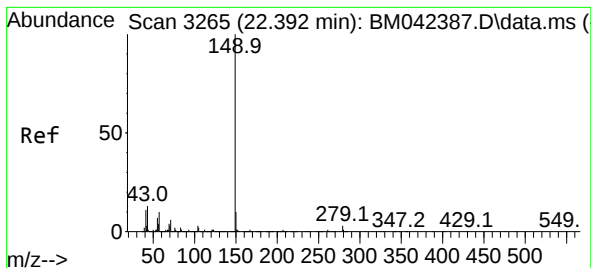
Tgt Ion:228 Resp: 1357040
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.845 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:149 Resp: 1044320
Ion Ratio Lower Upper
149 100
167 28.2 20.9 31.3
279 4.3 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 50.747 ng

RT: 22.374 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Instrument :

BNA_M

ClientSampleId :

PB156649BS

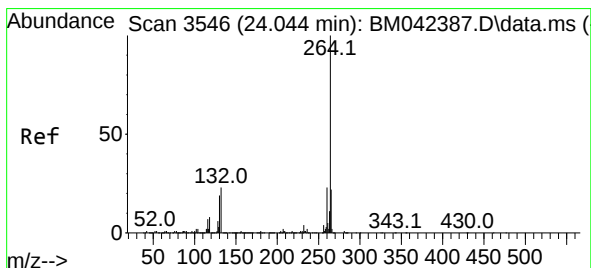
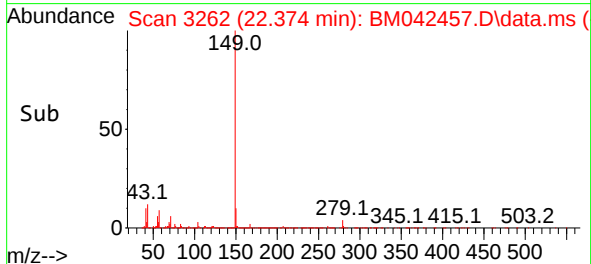
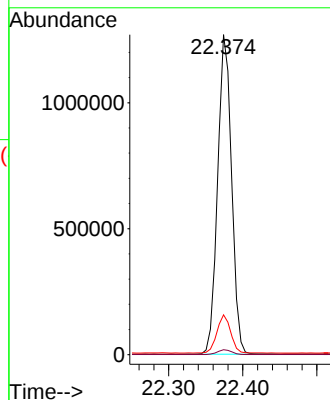
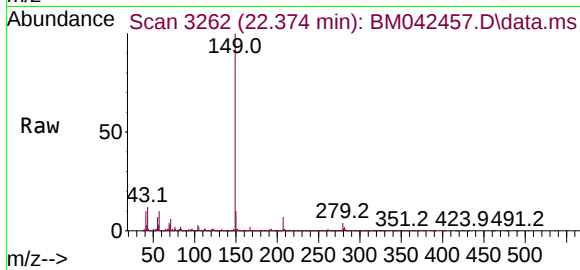
Tgt Ion:149 Resp: 1658472

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.8 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.033 min Scan# 3544

Delta R.T. -0.012 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

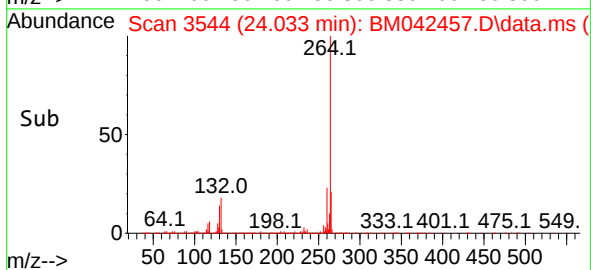
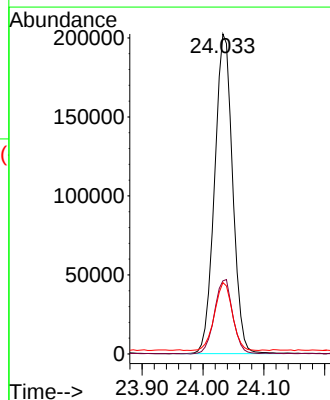
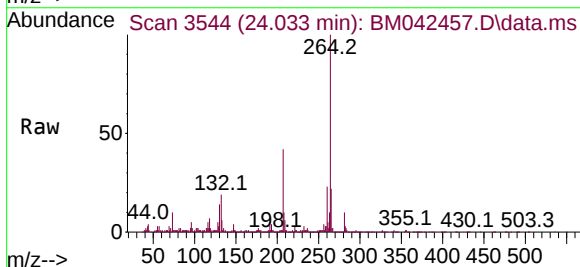
Tgt Ion:264 Resp: 415979

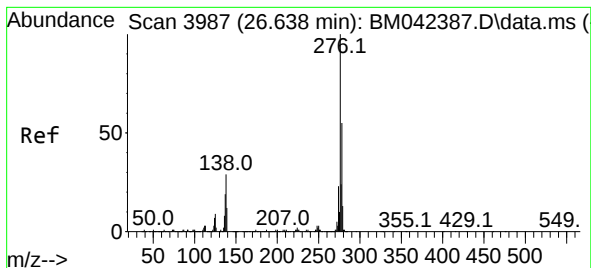
Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.397 ng

RT: 26.621 min Scan# 3984

Delta R.T. -0.018 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Instrument :

BNA_M

ClientSampleId :

PB156649BS

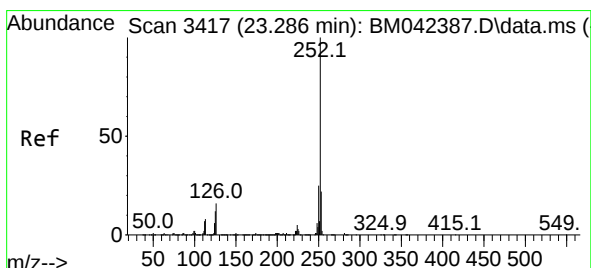
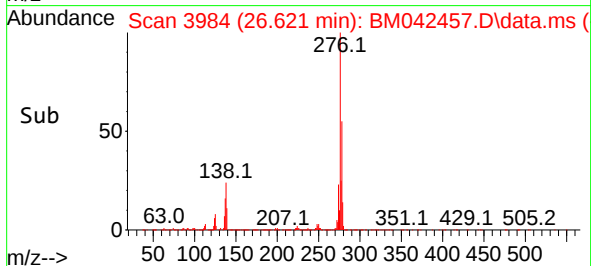
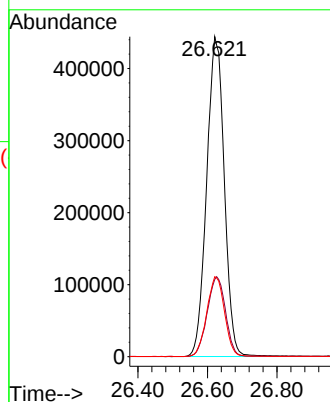
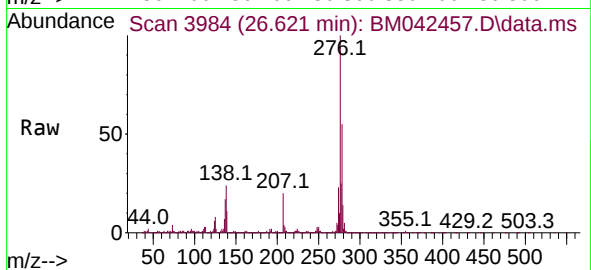
Tgt Ion:276 Resp: 1562452

Ion Ratio Lower Upper

276 100

138 25.9 25.6 38.4

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 53.026 ng

RT: 23.274 min Scan# 3415

Delta R.T. -0.012 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

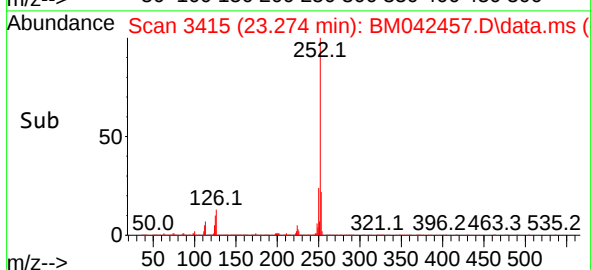
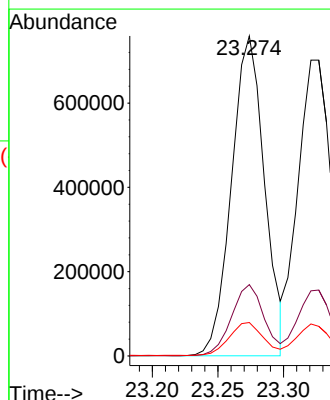
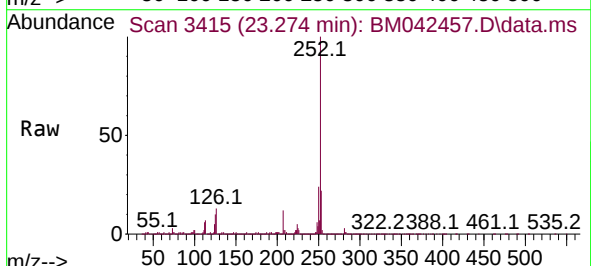
Tgt Ion:252 Resp: 1327703

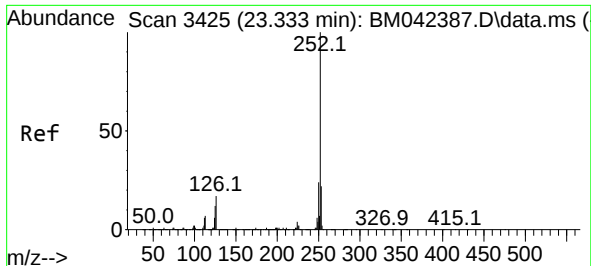
Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 10.4 9.8 14.8

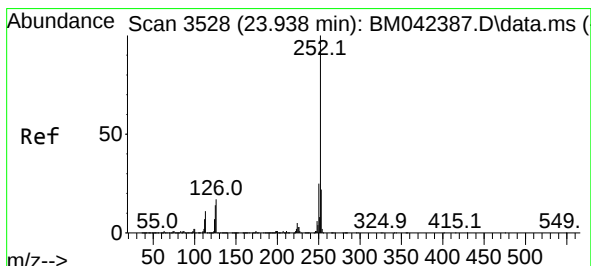
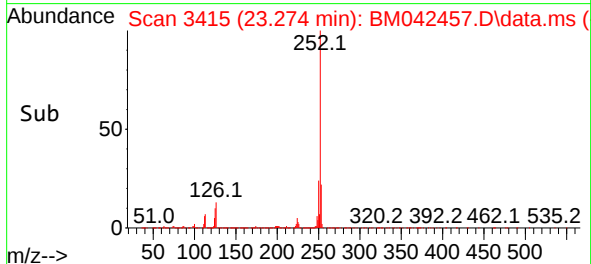
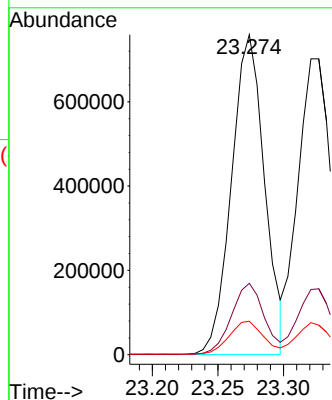
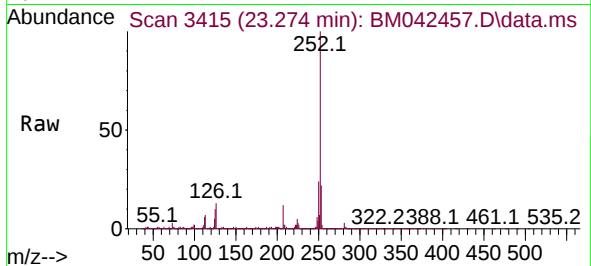




#89
Benzo(k)fluoranthene
Concen: 51.074 ng
RT: 23.274 min Scan# 34
Delta R.T. -0.059 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

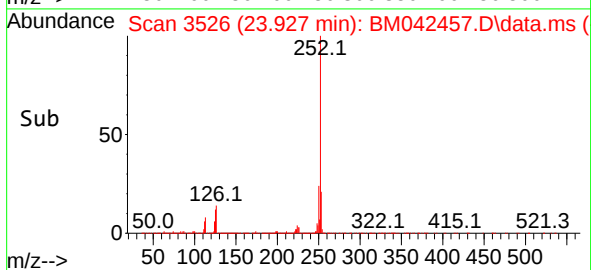
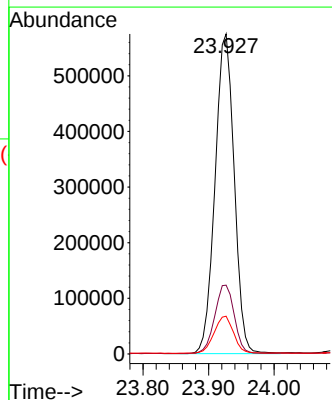
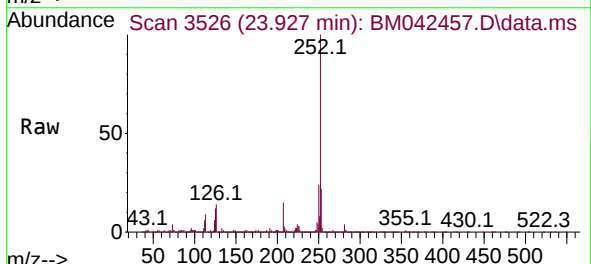
Instrument :
BNA_M
ClientSampleId :
PB156649BS

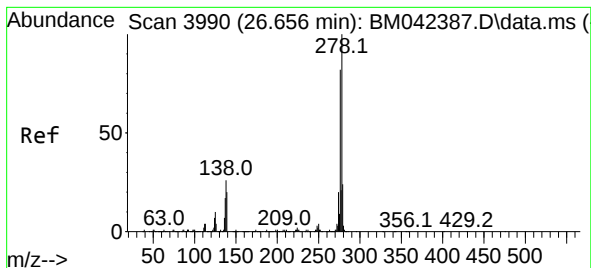
Tgt Ion:252 Resp: 1327703
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.4 10.2 15.2



#90
Benzo(a)pyrene
Concen: 48.239 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BM042457.D
Acq: 26 Oct 2023 17:51

Tgt Ion:252 Resp: 1162559
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 11.8 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 51.324 ng

RT: 26.638 min Scan# 3990

Delta R.T. -0.018 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Instrument :

BNA_M

ClientSampleId :

PB156649BS

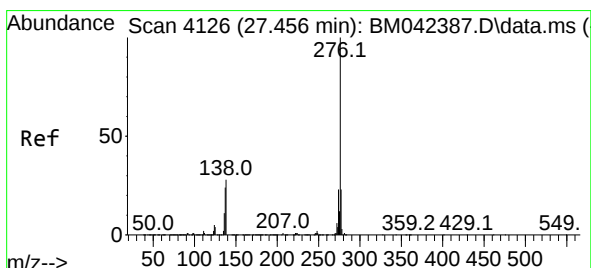
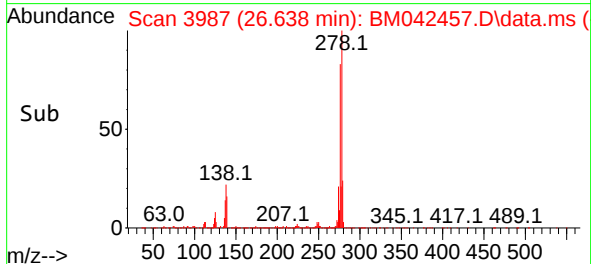
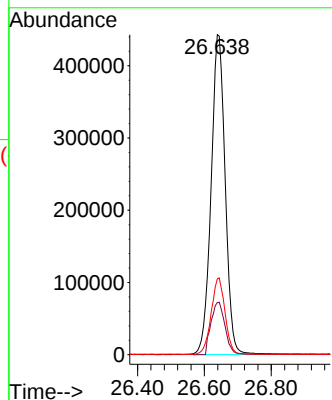
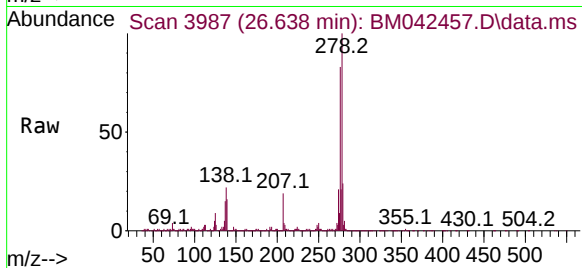
Tgt Ion:278 Resp: 1297203

Ion Ratio Lower Upper

278 100

139 16.3 15.6 23.4

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 52.009 ng

RT: 27.438 min Scan# 4123

Delta R.T. -0.018 min

Lab File: BM042457.D

Acq: 26 Oct 2023 17:51

Tgt Ion:276 Resp: 1276621

Ion Ratio Lower Upper

276 100

277 23.3 18.3 27.5

138 22.7 22.6 34.0

