

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049895.D
 Acq On : 11 Apr 2025 10:56
 Operator : RC/JU
 Sample : PB167544BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167544BS

Quant Time: Apr 11 12:13:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	408732	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1404608	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	877536	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1626496	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1335581	20.000	ng	0.00
86) Perylene-d12	24.397	264	1358357	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	3191140	132.576	ng	0.00
7) Phenol-d6	6.957	99	3859532	128.875	ng	0.00
23) Nitrobenzene-d5	8.934	82	2242037	88.885	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1810286	141.827	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	5885004	90.938	ng	0.00
79) Terphenyl-d14	19.786	244	7980954	111.987	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	377083	38.039	ng	99
3) Pyridine	3.663	79	1059602	40.683	ng	97
4) n-Nitrosodimethylamine	3.569	42	443509	44.746	ng	96
6) Aniline	7.104	93	819960	31.953	ng	99
8) 2-Chlorophenol	7.346	128	1212993	49.174	ng	100
9) Benzaldehyde	6.916	77	619959	40.340	ng	99
10) Phenol	6.981	94	1416013	48.452	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1100831	48.034	ng	99
12) 1,3-Dichlorobenzene	7.669	146	1394493	47.816	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1404604	47.866	ng	100
14) 1,2-Dichlorobenzene	8.128	146	1342735	48.580	ng	99
15) Benzyl Alcohol	8.016	79	938253	49.753	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	1287543	50.405	ng	99
17) 2-Methylphenol	8.228	107	922240	51.208	ng	99
18) Hexachloroethane	8.857	117	481403	47.153	ng	95
19) n-Nitroso-di-n-propyla...	8.587	70	800126	48.239	ng	98
20) 3+4-Methylphenols	8.551	107	1229159	50.061	ng	99
22) Acetophenone	8.598	105	1586775	46.483	ng	99
24) Nitrobenzene	8.975	77	1142581	47.042	ng	99
25) Isophorone	9.504	82	2140268	50.651	ng	99
26) 2-Nitrophenol	9.687	139	631526	49.057	ng	97
27) 2,4-Dimethylphenol	9.751	122	1045085	71.635	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	1369229	48.401	ng	99
29) 2,4-Dichlorophenol	10.222	162	1189520	49.051	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	1351494	48.174	ng	99
31) Naphthalene	10.622	128	3305519	45.799	ng	99
32) Benzoic acid	9.904	122	754581	42.843	ng	97
33) 4-Chloroaniline	10.728	127	224960	8.827	ng	99
34) Hexachlorobutadiene	10.910	225	863288	49.747	ng	98
35) Caprolactam	11.516	113	302246	43.455	ng	99
36) 4-Chloro-3-methylphenol	11.869	107	1007565	47.432	ng	98
37) 2-Methylnaphthalene	12.239	142	2167106	42.617	ng	99
38) 1-Methylnaphthalene	12.457	142	2274096	45.903	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1524999	49.674	ng	98
41) Hexachlorocyclopentadiene	12.592	237	2269561	210.973	ng	98
43) 2,4,6-Trichlorophenol	12.851	196	993843	50.873	ng	99

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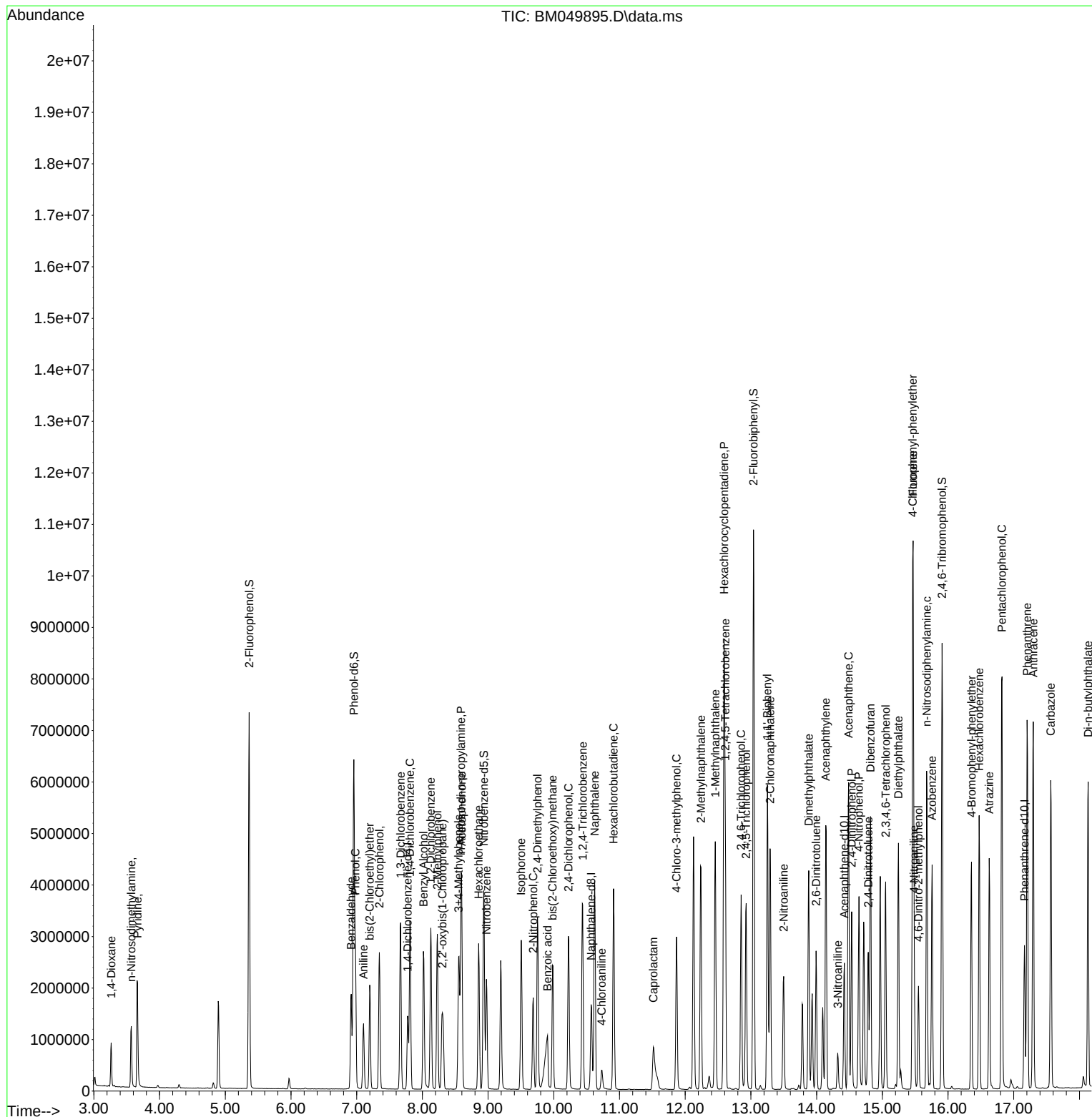
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	1063039	50.073	ng	98
46) 1,1'-Biphenyl	13.251	154	3111862	47.704	ng	99
47) 2-Chloronaphthalene	13.292	162	2466554	48.107	ng	99
48) 2-Nitroaniline	13.498	65	572474	48.263	ng	100
49) Acenaphthylene	14.139	152	3850334	51.554	ng	100
50) Dimethylphthalate	13.880	163	2921813	47.195	ng	100
51) 2,6-Dinitrotoluene	13.992	165	637404	49.142	ng	97
52) Acenaphthene	14.486	154	2226216	46.861	ng	100
53) 3-Nitroaniline	14.322	138	199597	15.922	ng	96
54) 2,4-Dinitrophenol	14.533	184	840990	88.671	ng	96
55) Dibenzofuran	14.822	168	3624814	45.643	ng	98
56) 4-Nitrophenol	14.645	139	1082119	96.864	ng	98
57) 2,4-Dinitrotoluene	14.786	165	873350	50.471	ng	95
58) Fluorene	15.469	166	2969299	47.037	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	889457	47.802	ng	96
60) Diethylphthalate	15.245	149	2697088	45.429	ng	98
61) 4-Chlorophenyl-phenyle...	15.463	204	1641405	48.498	ng	100
62) 4-Nitroaniline	15.486	138	554288	42.755	ng	99
63) Azobenzene	15.757	77	2278073	44.818	ng	97
65) 4,6-Dinitro-2-methylph...	15.551	198	517365	50.477	ng	97
66) n-Nitrosodiphenylamine	15.674	169	2517787	51.727	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	992589	52.569	ng	95
68) Hexachlorobenzene	16.474	284	1144611	52.850	ng	99
69) Atrazine	16.627	200	897636	71.125	ng	98
70) Pentachlorophenol	16.821	266	1586046	99.471	ng	99
71) Phenanthrene	17.204	178	4428726	49.666	ng	100
72) Anthracene	17.298	178	4531449	51.566	ng	100
73) Carbazole	17.563	167	3958225	47.823	ng	99
74) Di-n-butylphthalate	18.133	149	4480310	46.996	ng	99
75) Fluoranthene	19.221	202	5022697	45.811	ng	99
77) Benzidine	19.404	184	1869956	105.538	ng	100
78) Pyrene	19.586	202	5089927	55.298	ng	100
80) Butylbenzylphthalate	20.480	149	1823190	52.714	ng	99
81) Benzo(a)anthracene	21.380	228	4536466	51.108	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	915890	27.323	ng	99
83) Chrysene	21.445	228	4159012	49.285	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	2524889	50.106	ng	98
85) Di-n-octyl phthalate	22.439	149	4210062	47.757	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	5197740	51.334	ng	99
88) Benzo(b)fluoranthene	23.456	252	4214364	48.579	ng	99
89) Benzo(k)fluoranthene	23.515	252	4116495	48.965	ng	100
90) Benzo(a)pyrene	24.262	252	4018826	52.718	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	4247908	50.933	ng	99
92) Benzo(g,h,i)perylene	28.844	276	4195721	49.231	ng	99

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

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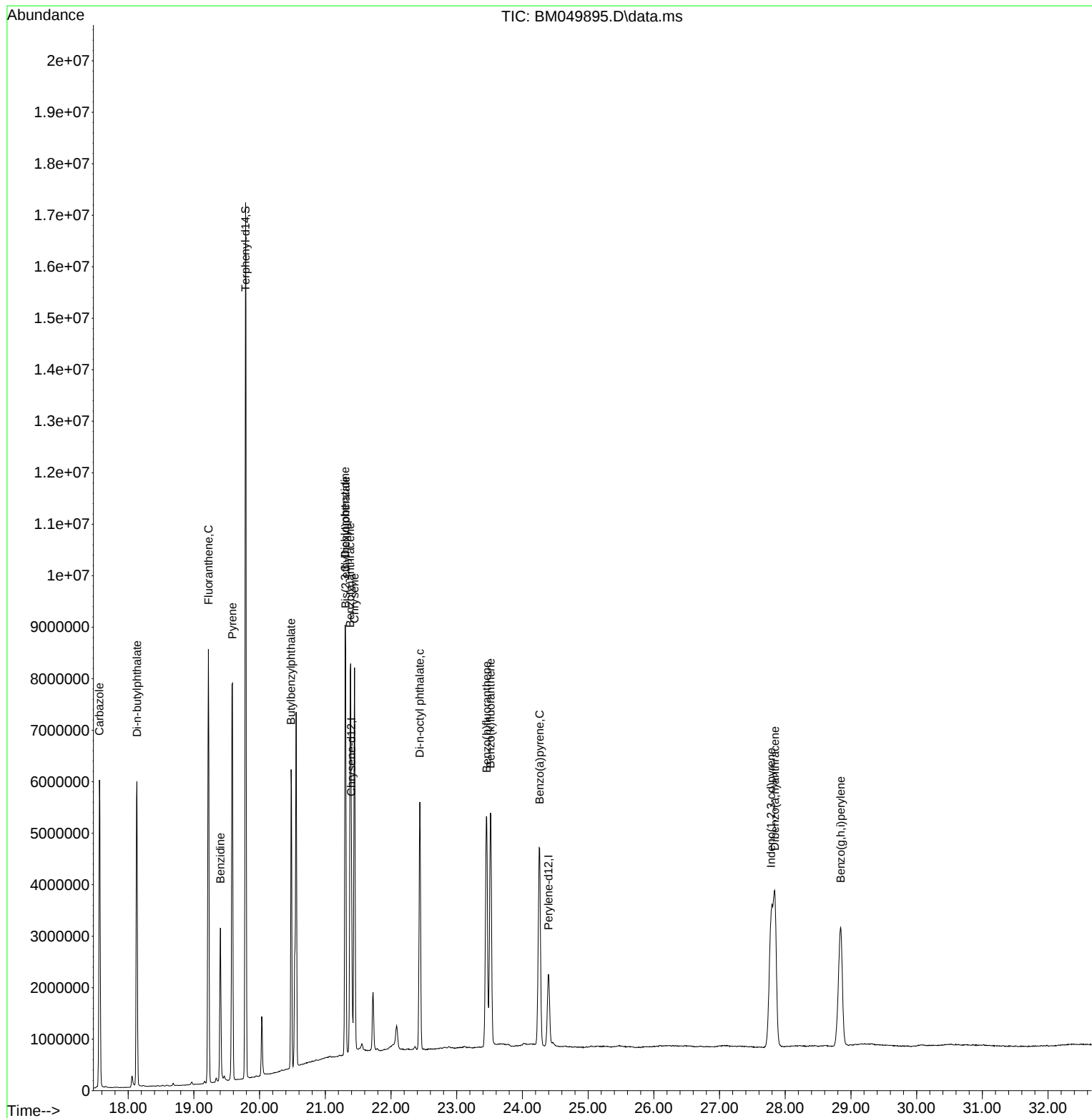
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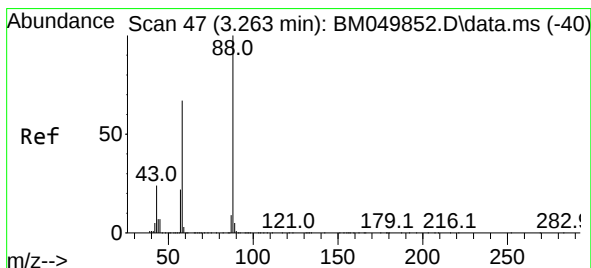
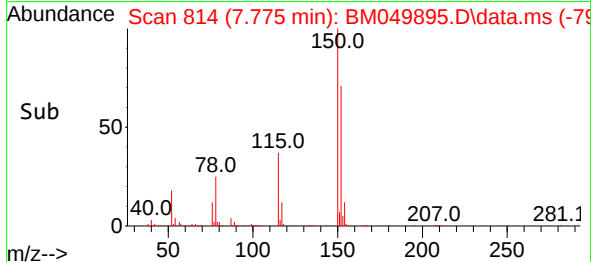
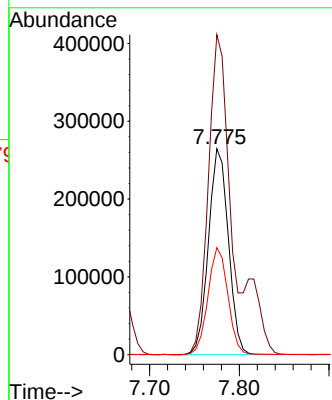
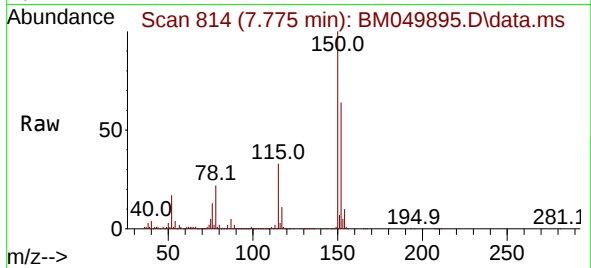




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

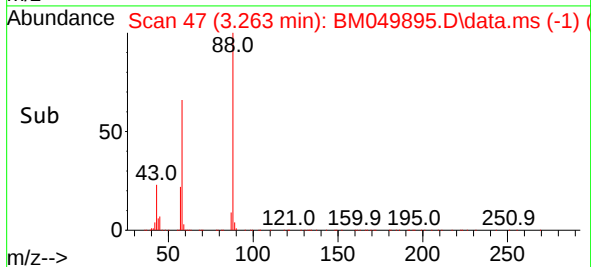
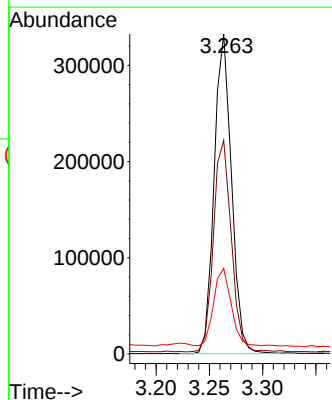
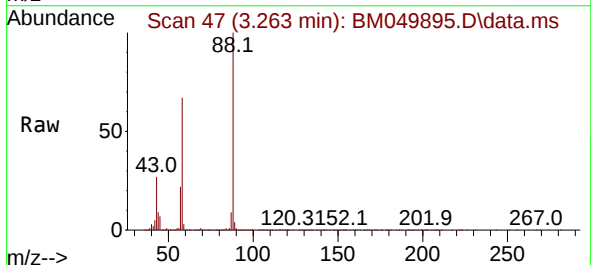
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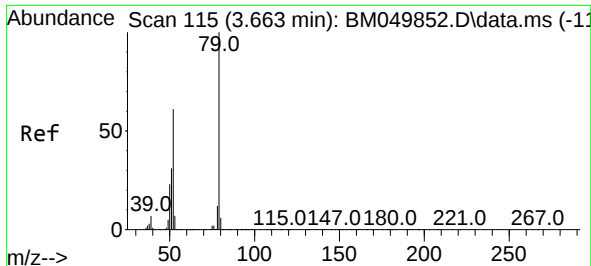
Tgt Ion:152 Resp: 408732
Ion Ratio Lower Upper
152 100
150 155.4 124.3 186.5
115 52.0 41.1 61.7



#2
1,4-Dioxane
Concen: 38.039 ng
RT: 3.263 min Scan# 47
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion: 88 Resp: 377083
Ion Ratio Lower Upper
88 100
58 68.2 54.1 81.1
43 25.8 20.2 30.4



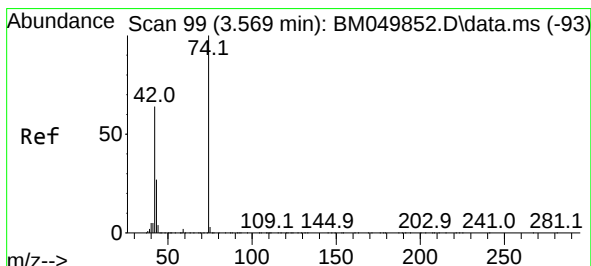
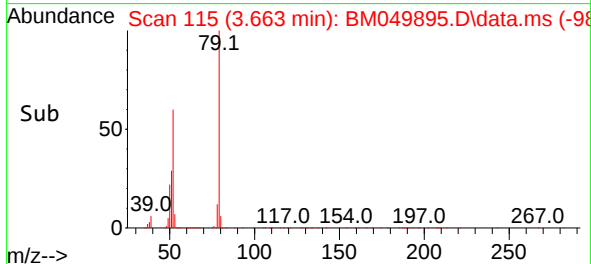
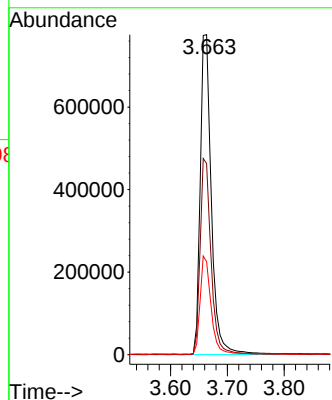
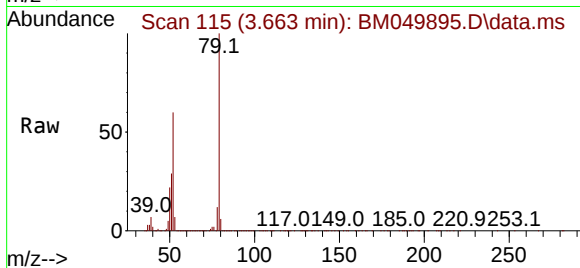


#3
Pyridine
Concen: 40.683 ng
RT: 3.663 min Scan# 115
Delta R.T. 0.000 min
Lab File: BM049895.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 79 Resp: 1059602

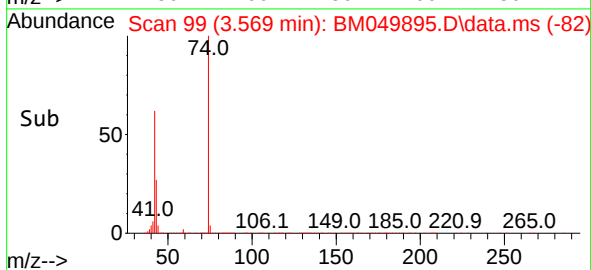
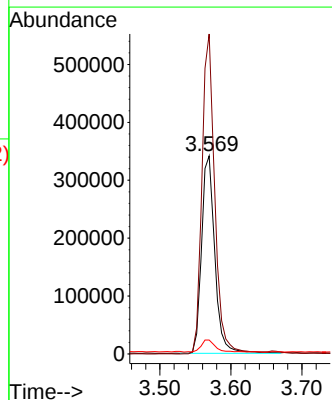
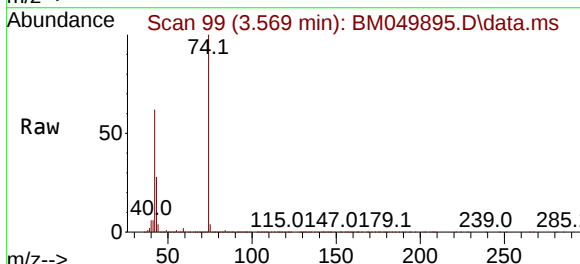
Ion	Ratio	Lower	Upper
79	100		
52	59.7	48.9	73.3
51	29.1	25.0	37.6

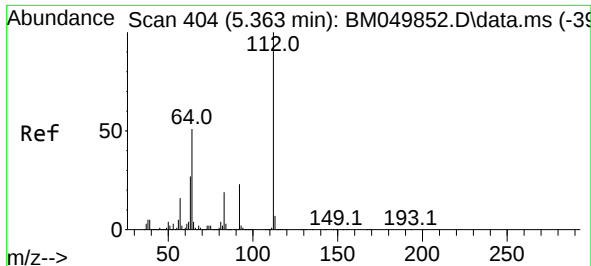


#4
n-Nitrosodimethylamine
Concen: 44.746 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.000 min
Lab File: BM049895.D
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Tgt Ion: 42 Resp: 443509

Ion	Ratio	Lower	Upper
42	100		
74	161.5	125.4	188.2
44	7.0	5.9	8.9

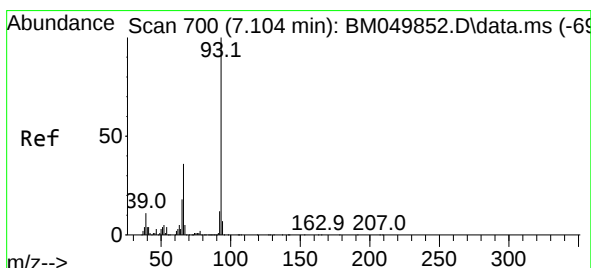
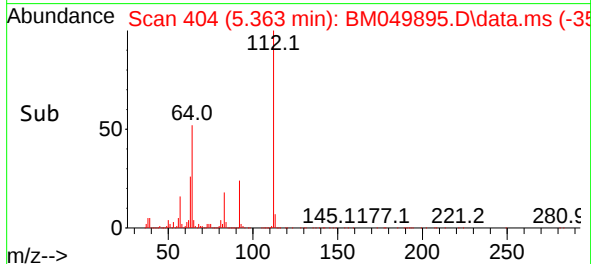
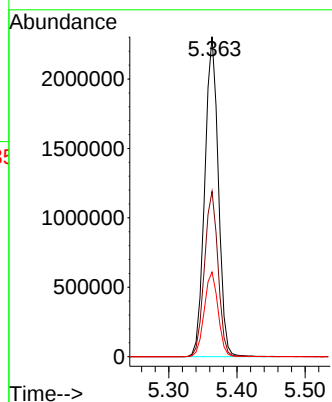
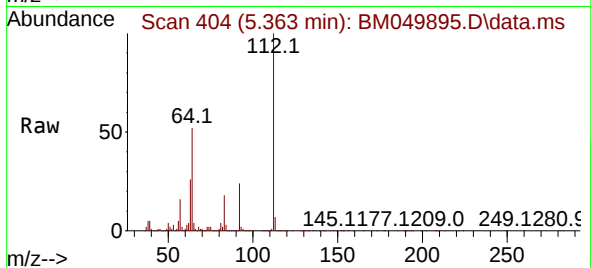




#5
2-Fluorophenol
Concen: 132.576 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049895.D
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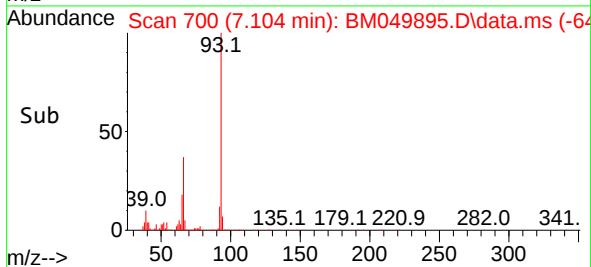
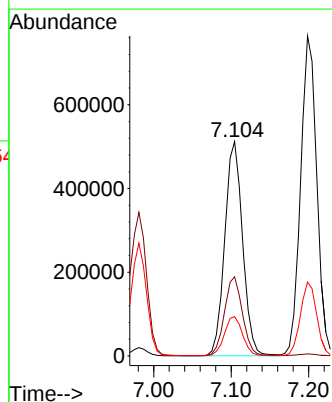
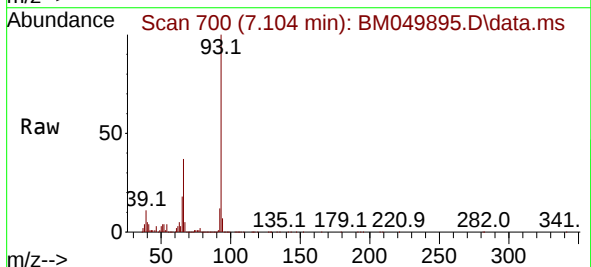
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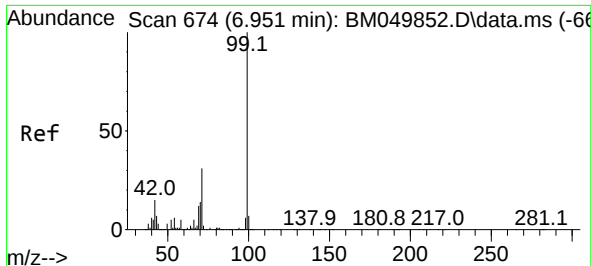
Tgt Ion:112 Resp: 3191140
Ion Ratio Lower Upper
112 100
64 51.7 41.0 61.6
63 26.5 21.5 32.3



#6
Aniline
Concen: 31.953 ng
RT: 7.104 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion: 93 Resp: 819960
Ion Ratio Lower Upper
93 100
66 36.9 29.1 43.7
65 18.4 14.9 22.3

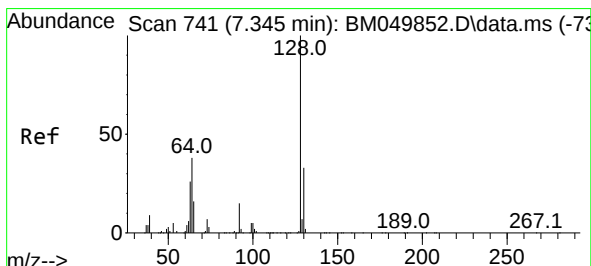
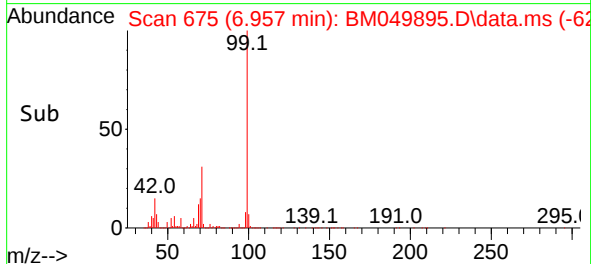
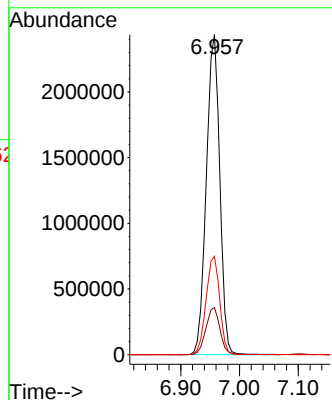
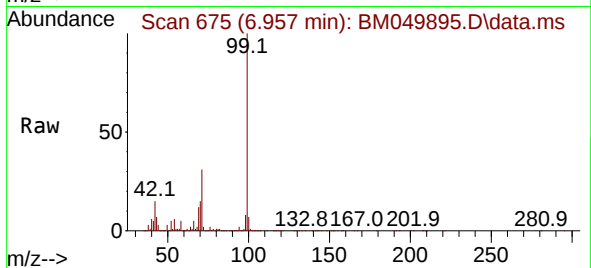




#7
Phenol-d6
Concen: 128.875 ng
RT: 6.957 min Scan# 675
Delta R.T. 0.006 min
Lab File: BM049895.D
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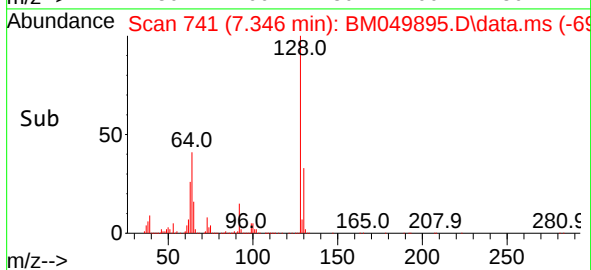
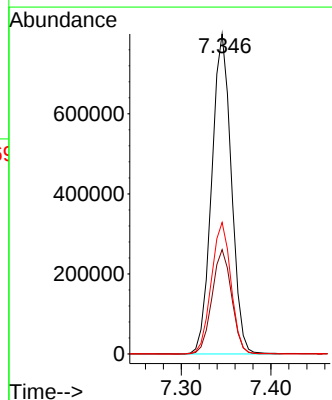
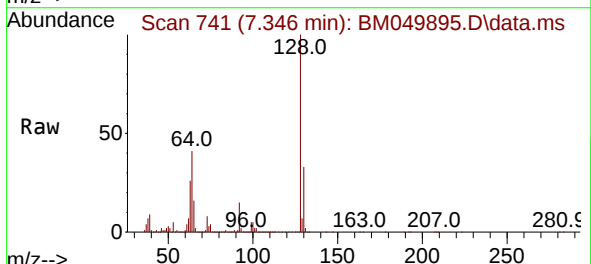
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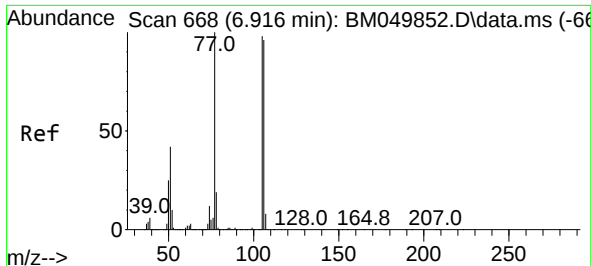
Tgt Ion: 99 Resp: 3859532
Ion Ratio Lower Upper
99 100
42 14.8 12.1 18.1
71 30.7 24.9 37.3



#8
2-Chlorophenol
Concen: 49.174 ng
RT: 7.346 min Scan# 741
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion: 128 Resp: 1212993
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 41.1 21.1 61.1

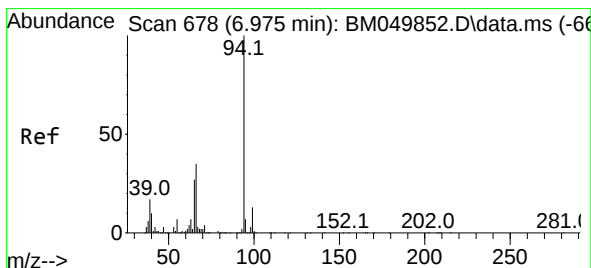
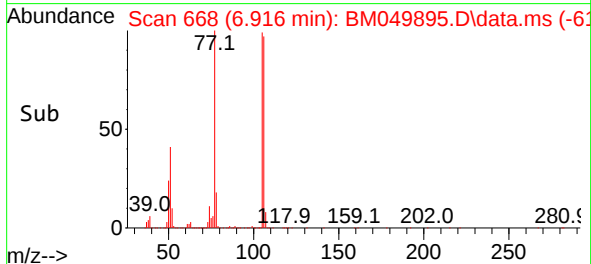
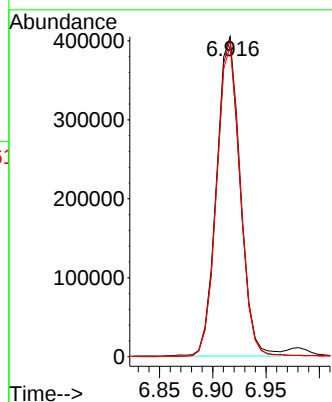
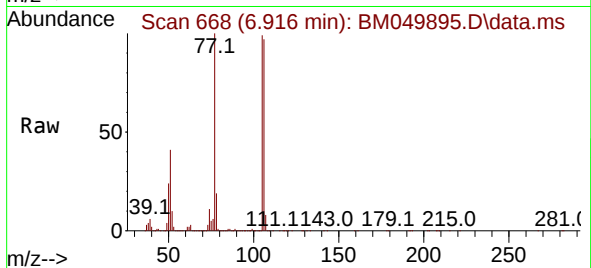




#9
Benzaldehyde
Concen: 40.340 ng
RT: 6.916 min Scan# 668
Delta R.T. 0.000 min
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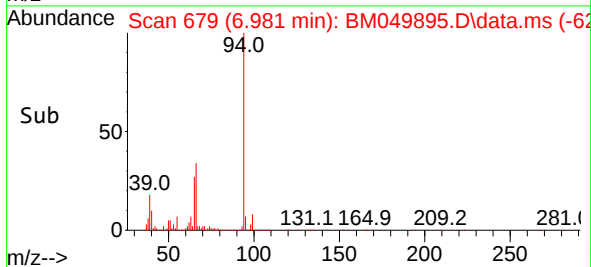
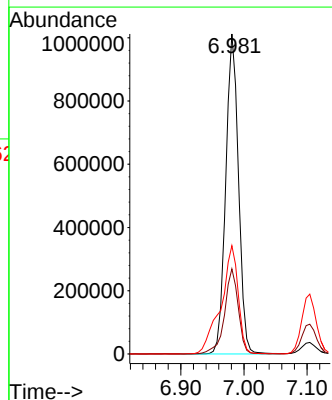
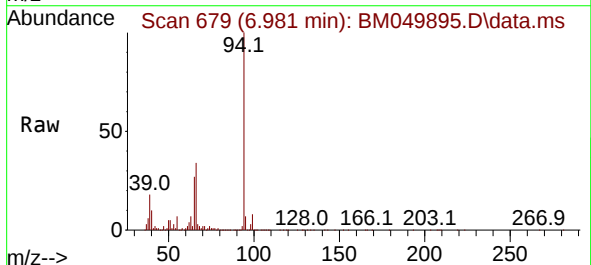
Instrument :
BNA_M
ClientSampleId :
PB167544BS

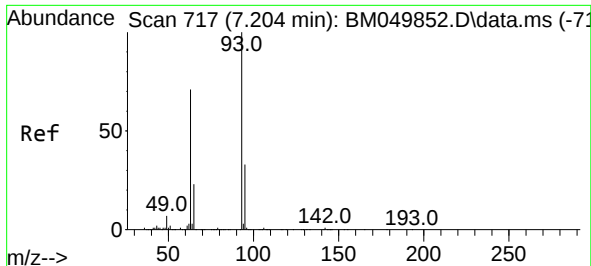
Tgt Ion: 77 Resp: 619959
Ion Ratio Lower Upper
77 100
105 99.1 78.3 118.3
106 97.0 76.0 116.0



#10
Phenol
Concen: 48.452 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion: 94 Resp: 1416013
Ion Ratio Lower Upper
94 100
65 26.6 7.3 47.3
66 33.9 14.8 54.8

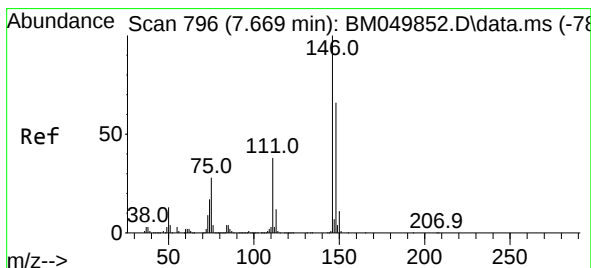
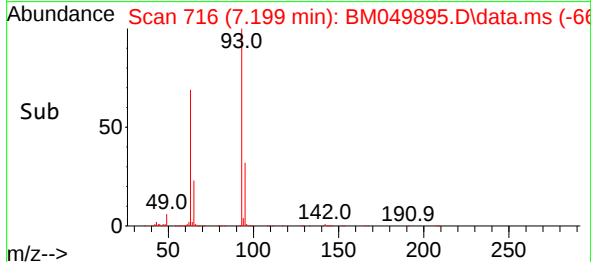
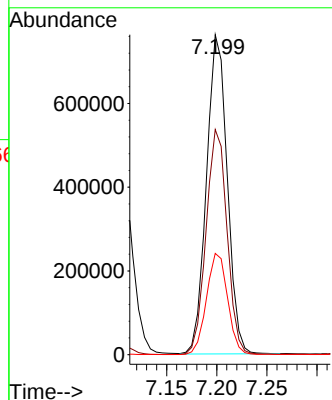
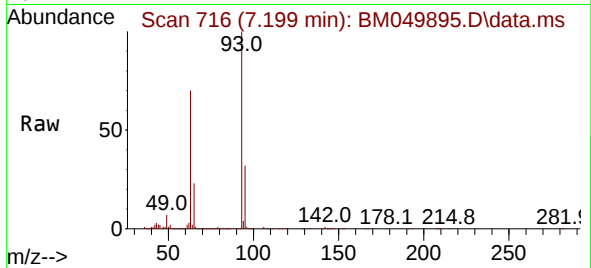




#11
bis(2-Chloroethyl)ether
Concen: 48.034 ng
RT: 7.199 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

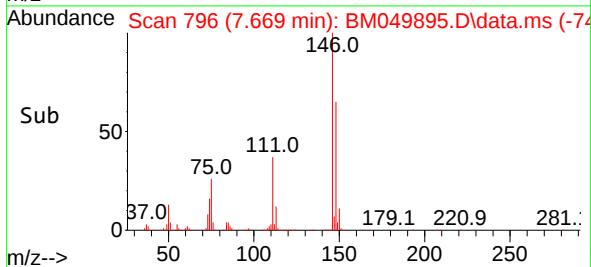
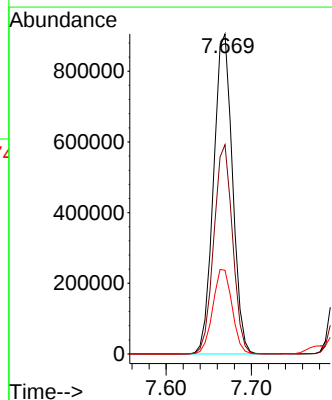
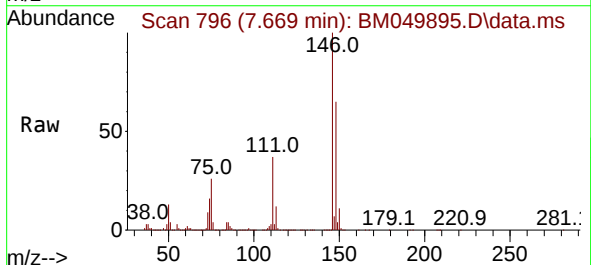
Instrument :
BNA_M
ClientSampleId :
PB167544BS

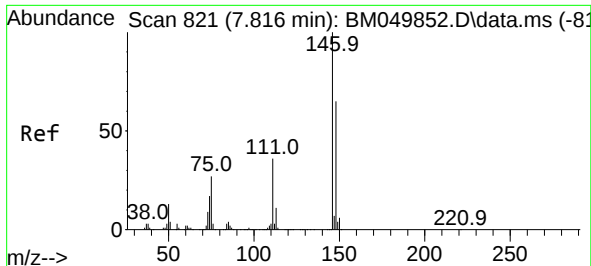
Tgt Ion: 93 Resp: 1100831
Ion Ratio Lower Upper
93 100
63 70.4 50.9 90.9
95 31.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 47.816 ng
RT: 7.669 min Scan# 796
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion: 146 Resp: 1394493
Ion Ratio Lower Upper
146 100
148 65.4 52.5 78.7
75 26.1 22.5 33.7

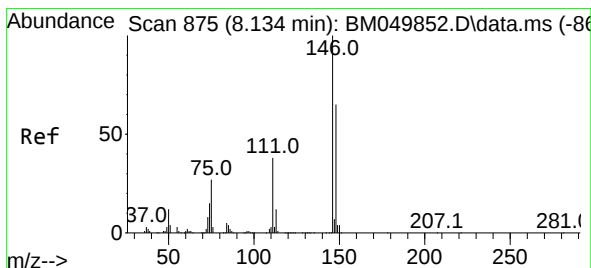
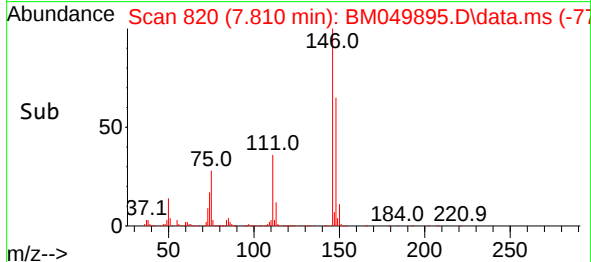
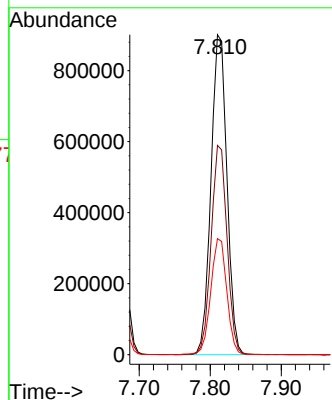
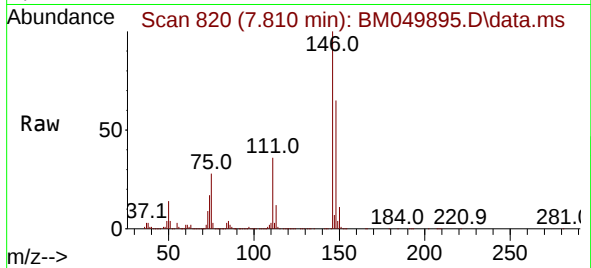




#13
1,4-Dichlorobenzene
Concen: 47.866 ng
RT: 7.810 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

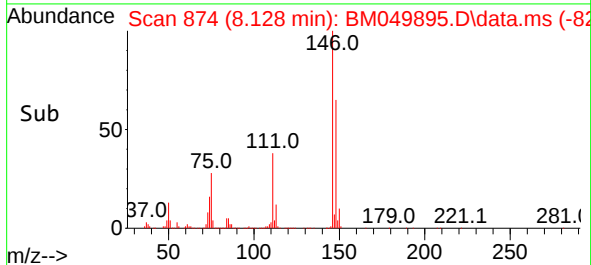
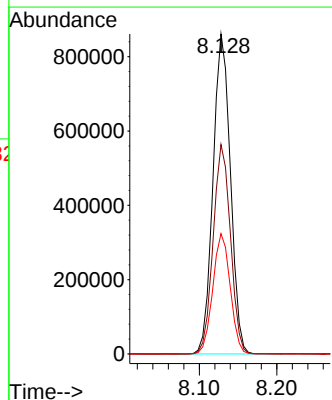
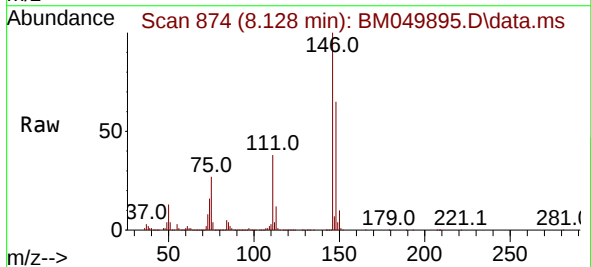
Instrument :
BNA_M
ClientSampleId :
PB167544BS

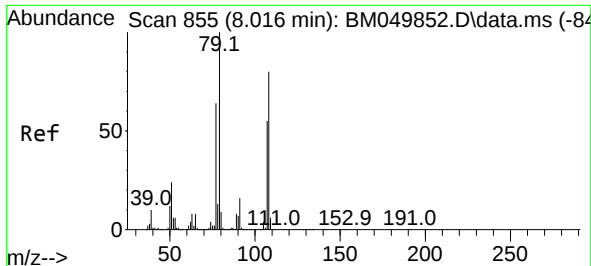
Tgt Ion:146 Resp: 1404604
Ion Ratio Lower Upper
146 100
148 65.4 52.4 78.6
111 36.3 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 48.580 ng
RT: 8.128 min Scan# 874
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:146 Resp: 1342735
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.8
111 37.6 30.2 45.4

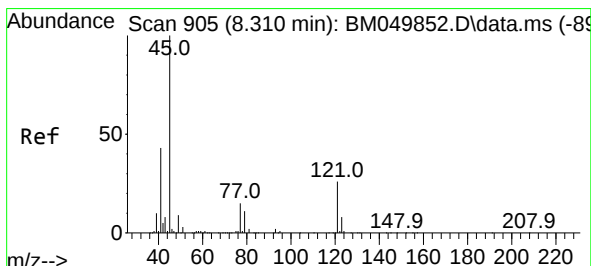
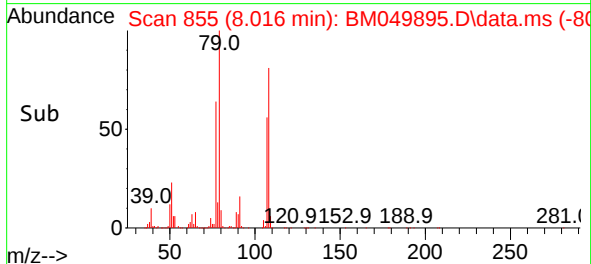
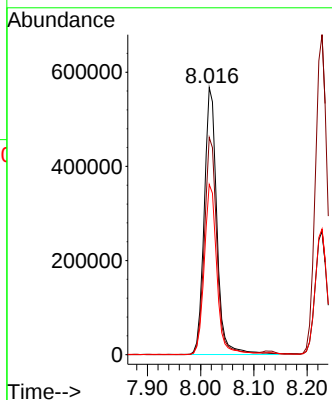
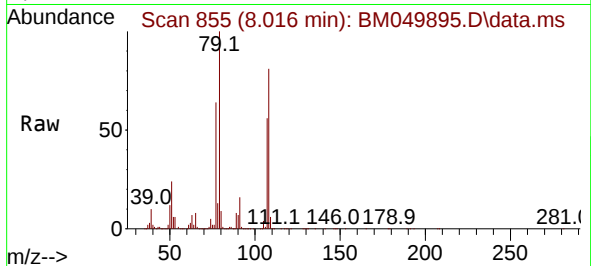




#15
Benzyl Alcohol
Concen: 49.753 ng
RT: 8.016 min Scan# 855
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

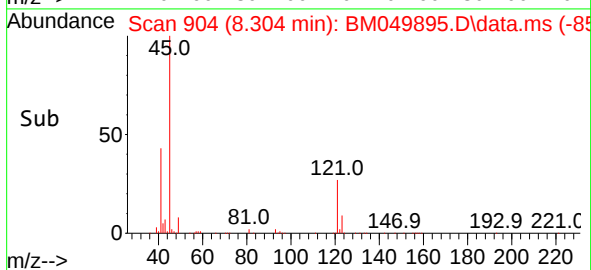
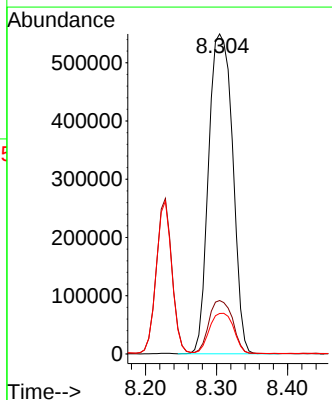
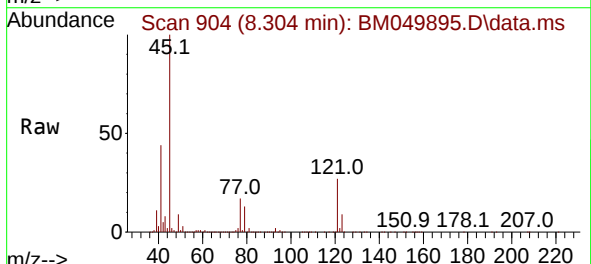
Instrument :
BNA_M
ClientSampleId :
PB167544BS

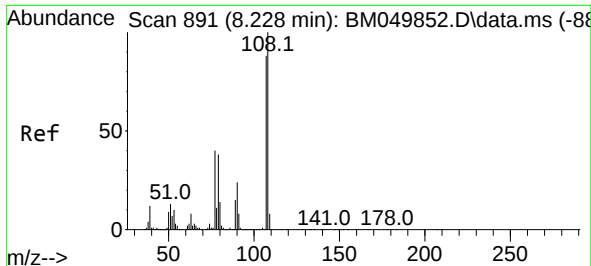
Tgt Ion: 79 Resp: 938253
Ion Ratio Lower Upper
79 100
108 81.3 63.6 95.4
77 63.7 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.405 ng
RT: 8.304 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion: 45 Resp: 1287543
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.9
79 12.6 0.0 32.9



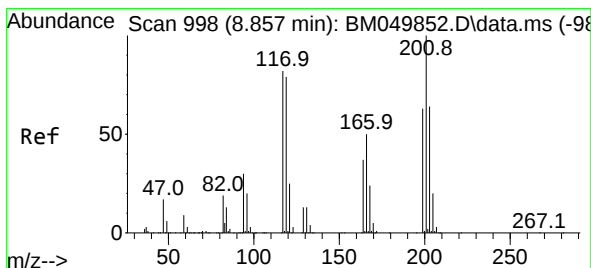
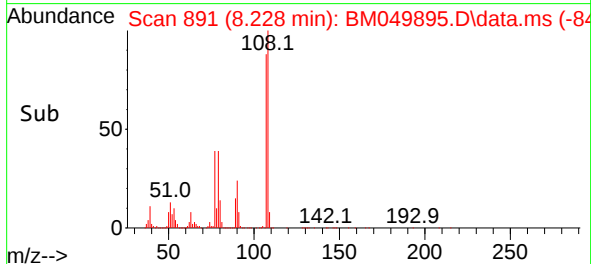
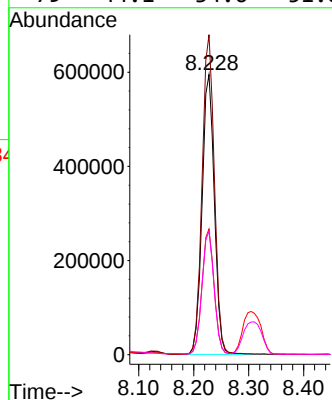
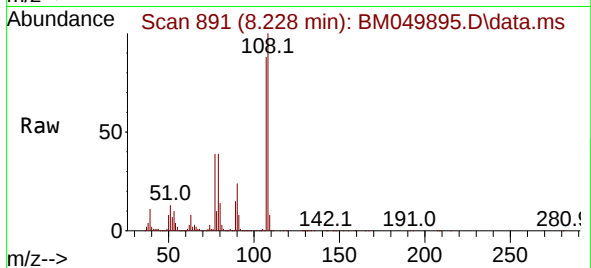


#17
2-Methylphenol
Concen: 51.208 ng
RT: 8.228 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Instrument :
BNA_M
ClientSampleId :
PB167544BS

Tgt Ion:107 Resp: 922240

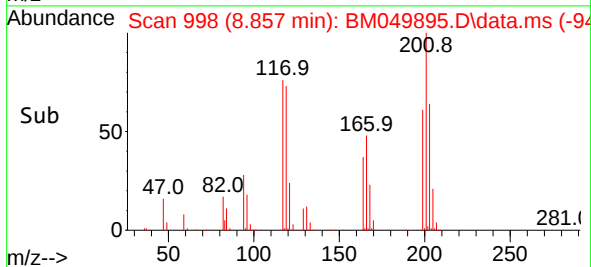
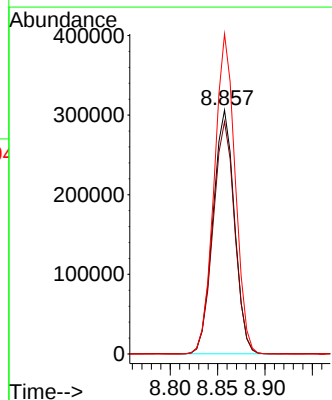
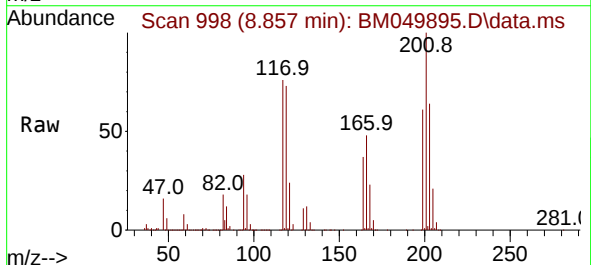
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.0	136.6
77	44.9	36.5	54.7
79	44.1	34.6	51.8

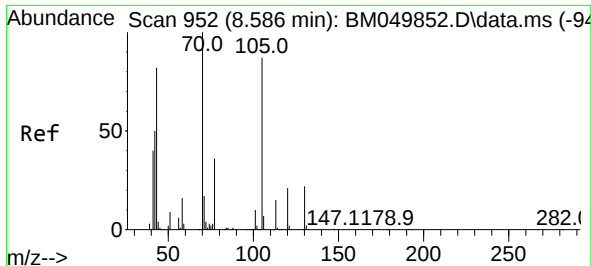


#18
Hexachloroethane
Concen: 47.153 ng
RT: 8.857 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:117 Resp: 481403

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.5	116.3
201	131.3	97.7	146.5

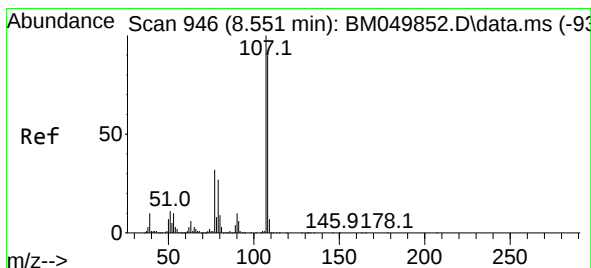
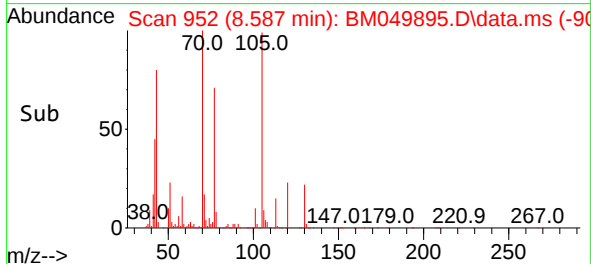
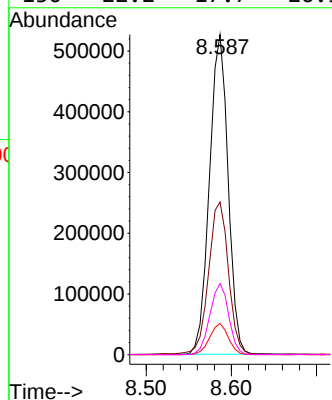
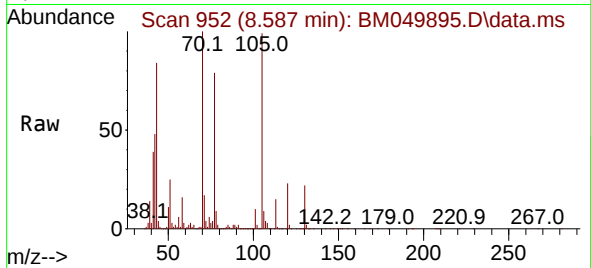




#19
n-Nitroso-di-n-propylamine
Concen: 48.239 ng
RT: 8.587 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

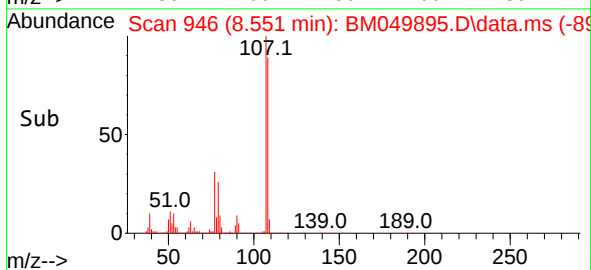
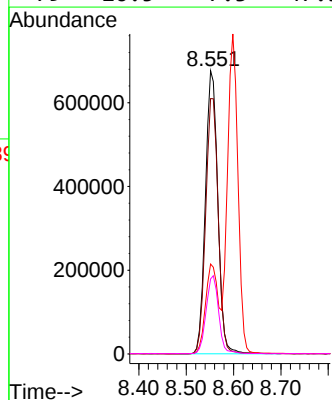
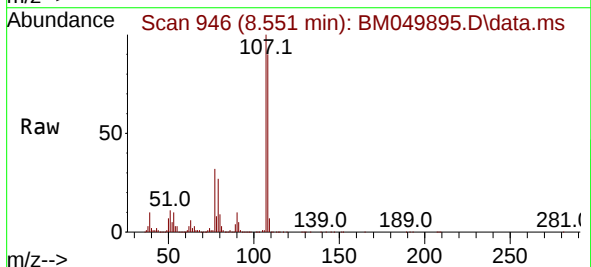
Instrument :
BNA_M
ClientSampleId :
PB167544BS

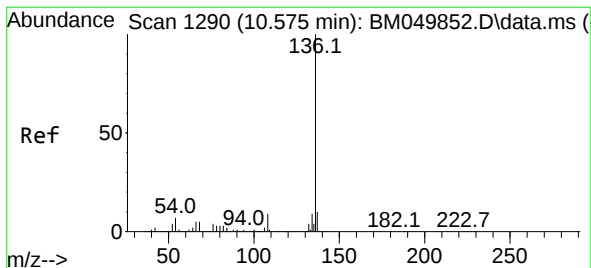
Tgt Ion: 70 Resp: 800126
Ion Ratio Lower Upper
70 100
42 47.7 40.2 60.2
101 9.8 7.9 11.9
130 22.2 17.7 26.5



#20
3+4-Methylphenols
Concen: 50.061 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion: 107 Resp: 1229159
Ion Ratio Lower Upper
107 100
108 90.2 69.6 109.6
77 31.7 11.7 51.7
79 26.5 7.3 47.3

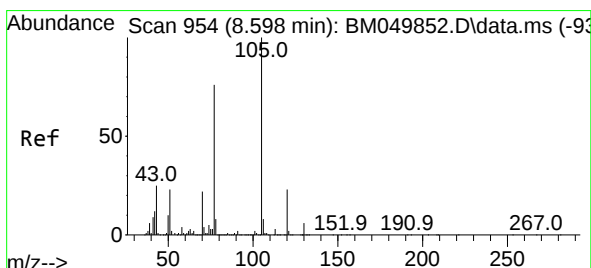
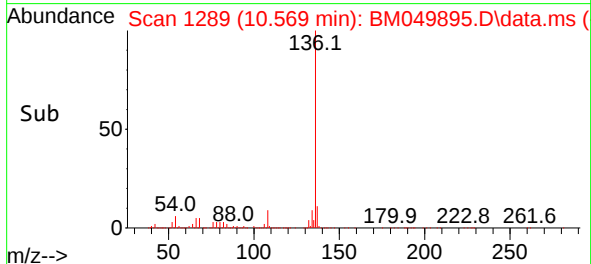
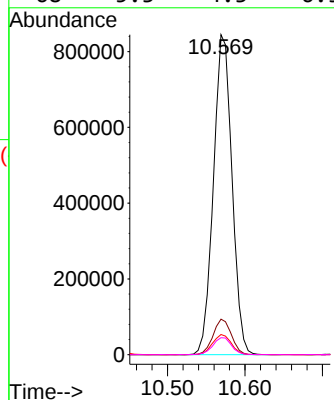
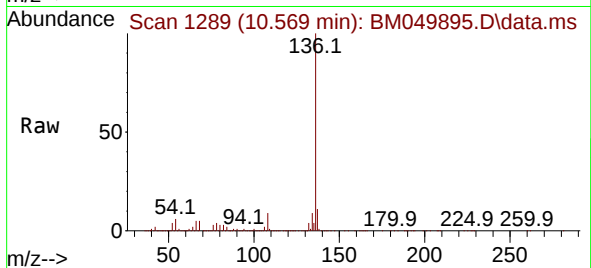




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

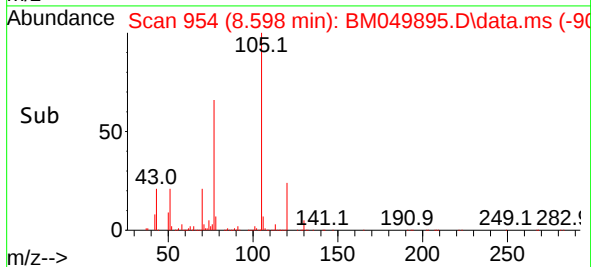
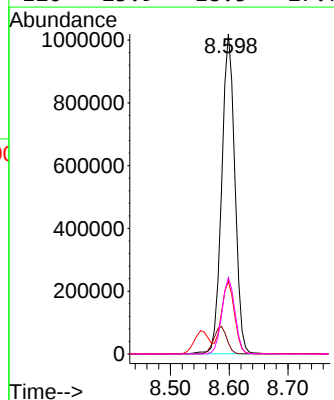
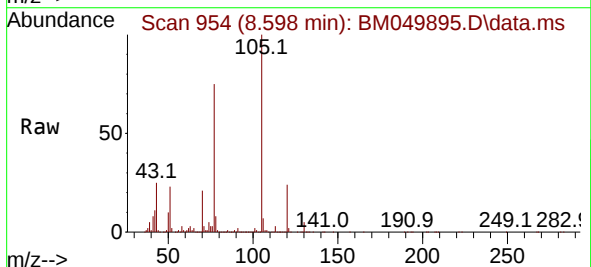
Instrument :
BNA_M
ClientSampleId :
PB167544BS

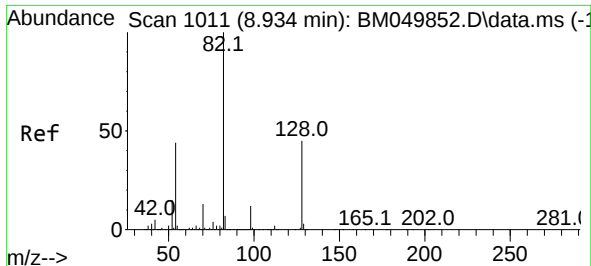
Tgt Ion:136 Resp: 1404608
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.3 5.3 7.9
68 5.3 4.3 6.5



#22
Acetophenone
Concen: 46.483 ng
RT: 8.598 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:105 Resp: 1586775
Ion Ratio Lower Upper
105 100
71 3.5 3.0 4.4
51 22.7 18.6 27.8
120 23.9 18.5 27.7

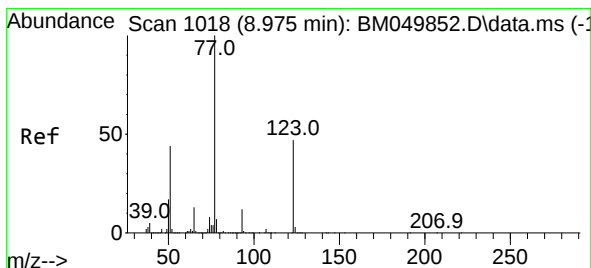
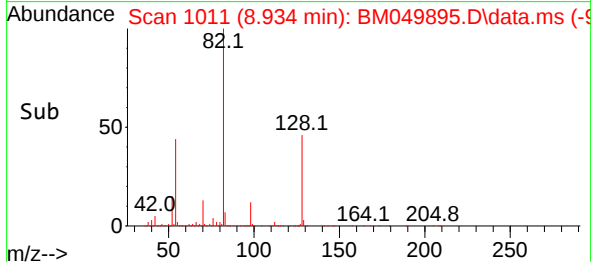
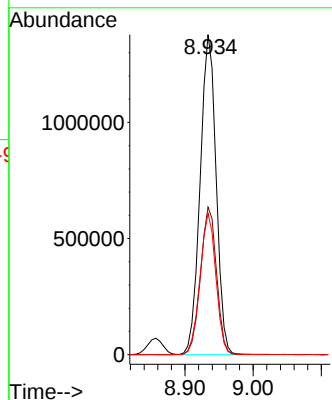
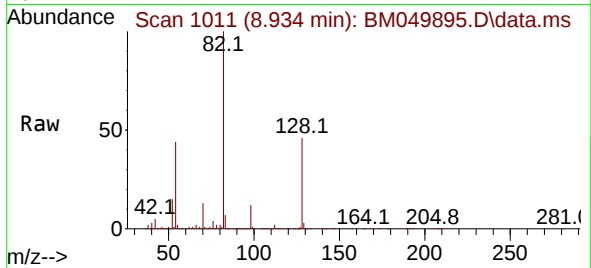




#23
Nitrobenzene-d5
Concen: 88.885 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

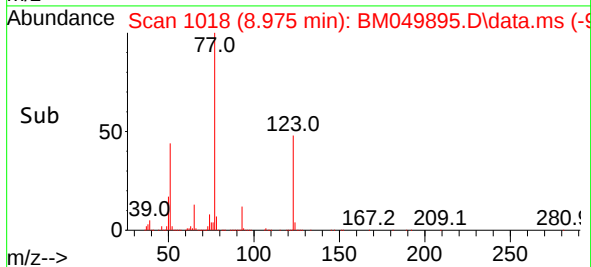
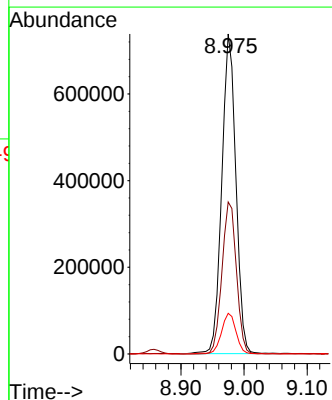
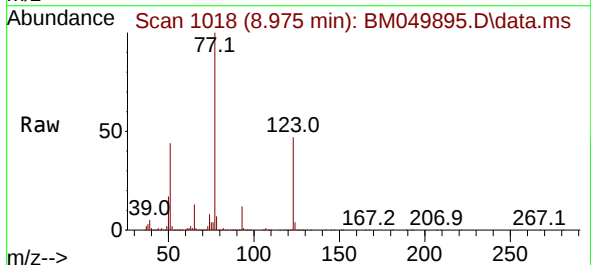
Instrument :
BNA_M
ClientSampleId :
PB167544BS

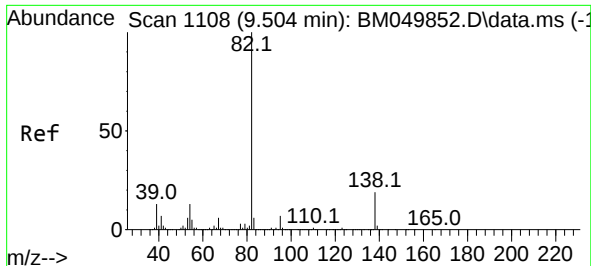
Tgt Ion: 82 Resp: 2242037
Ion Ratio Lower Upper
82 100
128 46.1 36.2 54.2
54 44.2 35.0 52.6



#24
Nitrobenzene
Concen: 47.042 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion: 77 Resp: 1142581
Ion Ratio Lower Upper
77 100
123 47.5 37.4 56.2
65 12.7 10.1 15.1

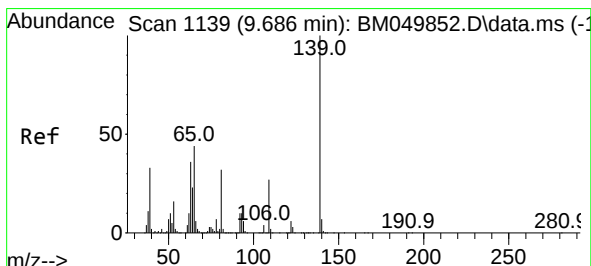
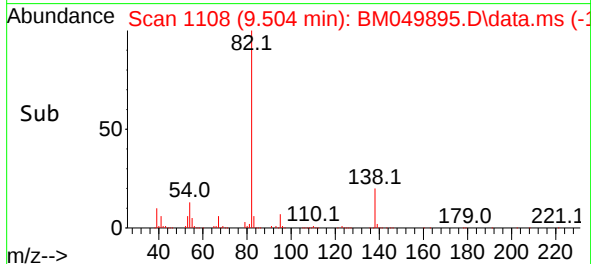
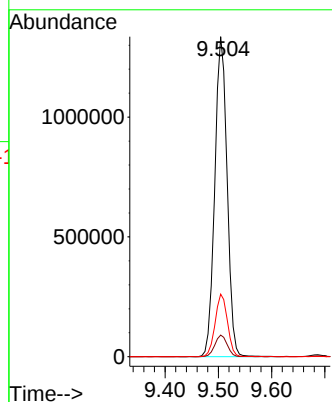
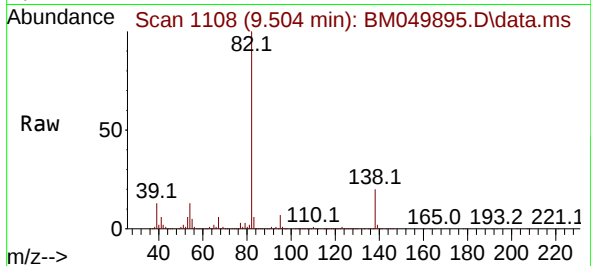




#25
Isophorone
Concen: 50.651 ng
RT: 9.504 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

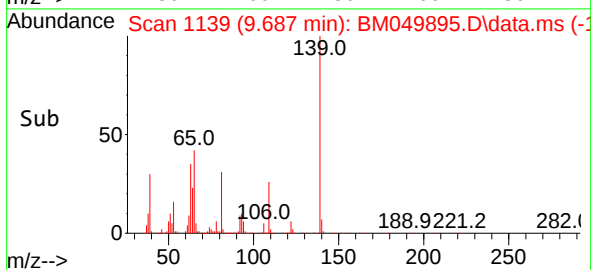
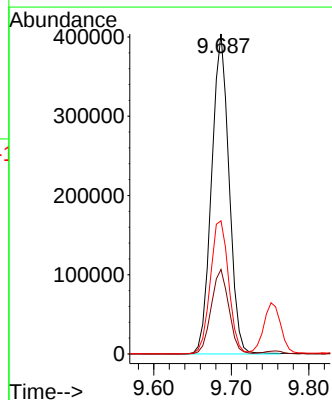
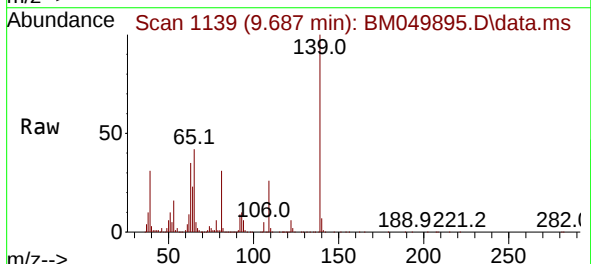
Instrument :
BNA_M
ClientSampleId :
PB167544BS

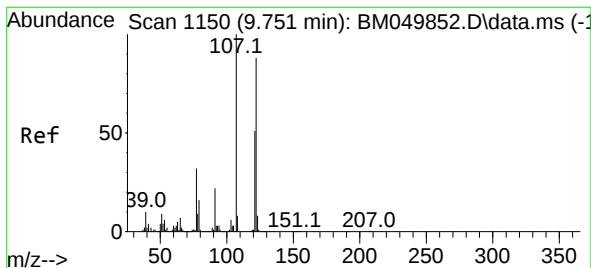
Tgt Ion: 82 Resp: 2140268
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 19.5 15.0 22.6



#26
2-Nitrophenol
Concen: 49.057 ng
RT: 9.687 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion: 139 Resp: 631526
Ion Ratio Lower Upper
139 100
109 26.4 21.7 32.5
65 41.6 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 71.635 ng

RT: 9.751 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

Instrument :

BNA_M

ClientSampleId :

PB167544BS

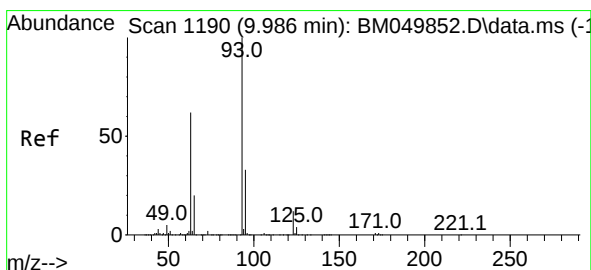
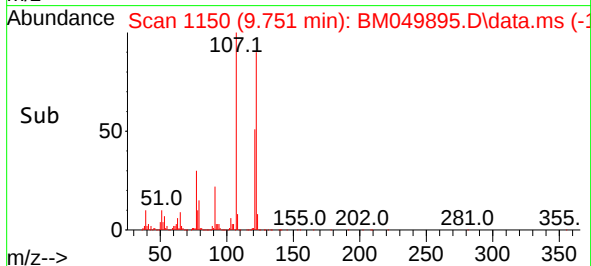
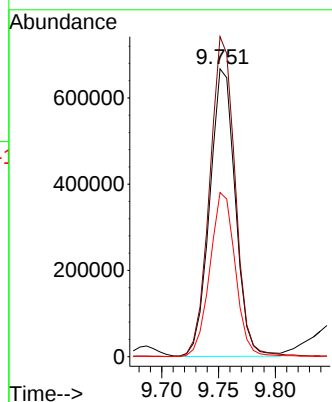
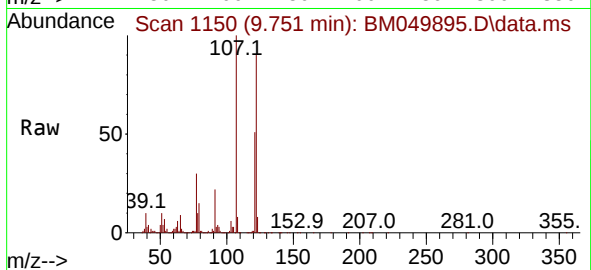
Tgt Ion:122 Resp: 1045085

Ion Ratio Lower Upper

122 100

107 111.1 90.3 135.5

121 57.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.401 ng

RT: 9.981 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

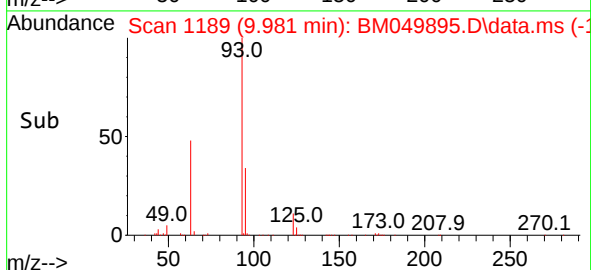
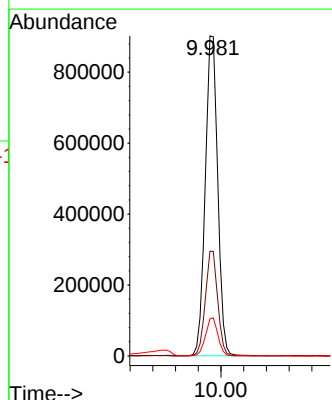
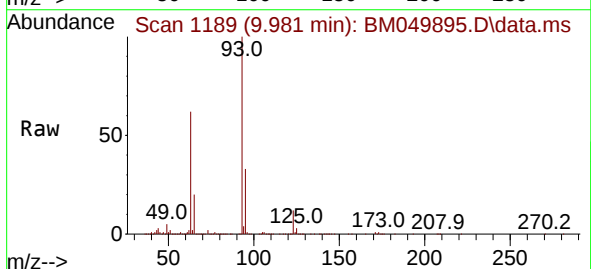
Tgt Ion: 93 Resp: 1369229

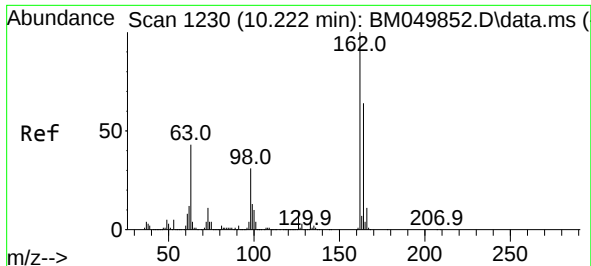
Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 49.051 ng

RT: 10.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

Instrument :

BNA_M

ClientSampleId :

PB167544BS

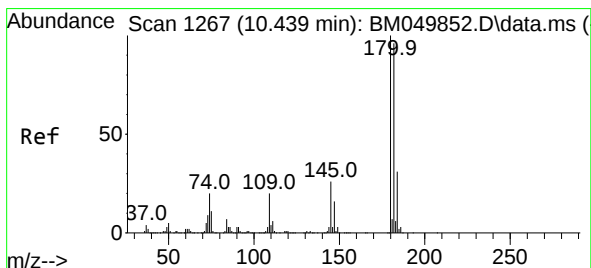
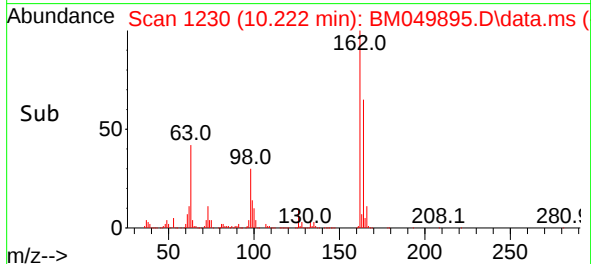
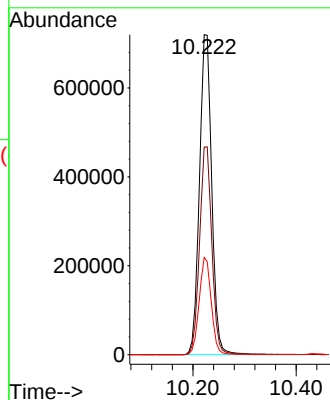
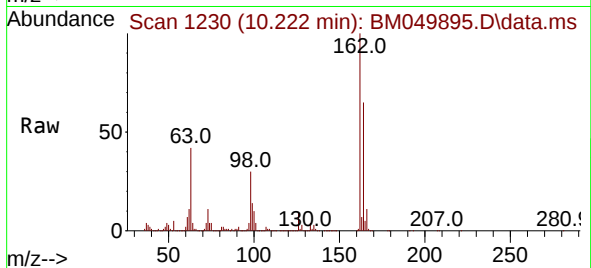
Tgt Ion:162 Resp: 1189520

Ion Ratio Lower Upper

162 100

164 64.9 44.3 84.3

98 30.4 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 48.174 ng

RT: 10.439 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

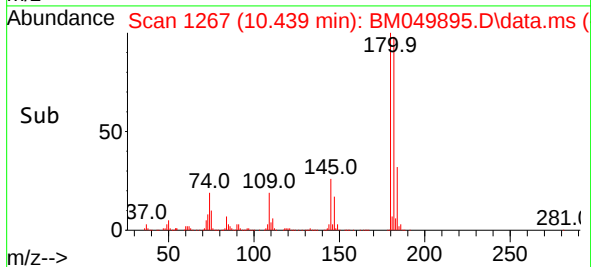
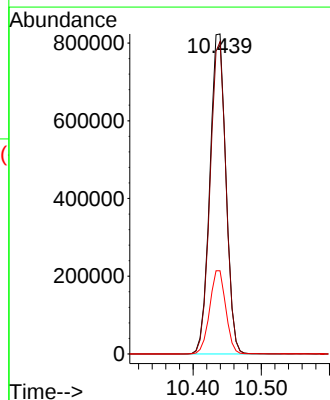
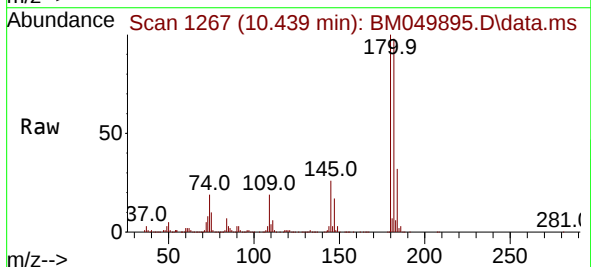
Tgt Ion:180 Resp: 1351494

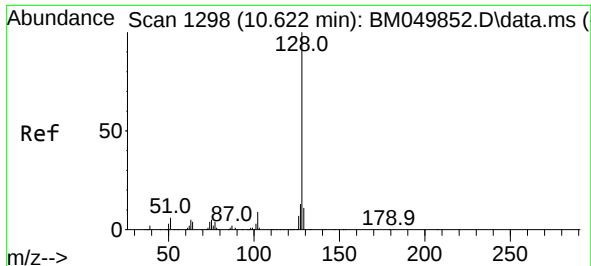
Ion Ratio Lower Upper

180 100

182 97.6 76.7 115.1

145 26.0 20.8 31.2

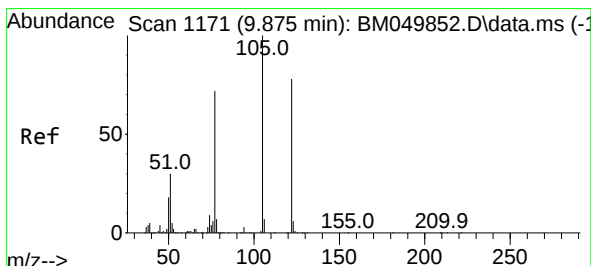
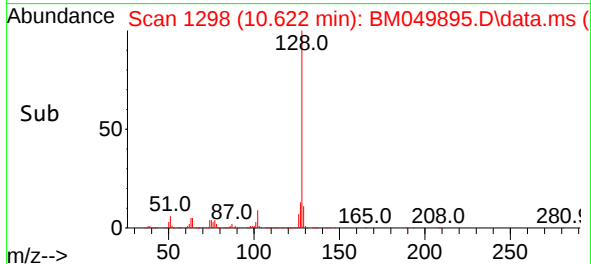
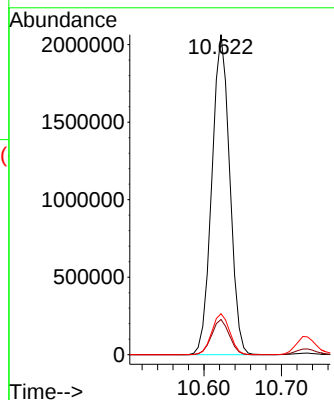
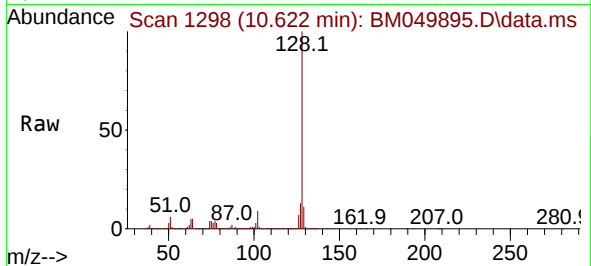




#31
Naphthalene
Concen: 45.799 ng
RT: 10.622 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

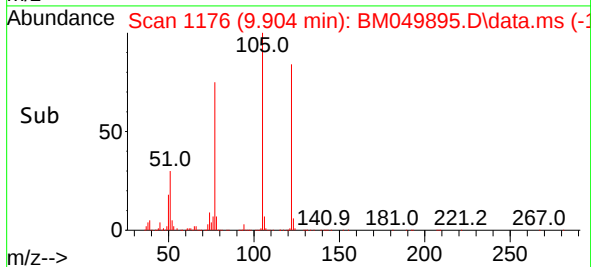
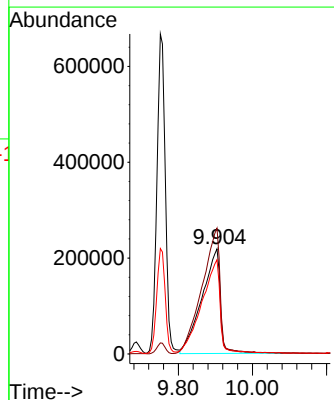
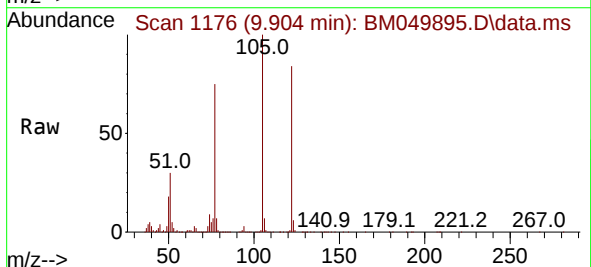
Instrument :
BNA_M
ClientSampleId :
PB167544BS

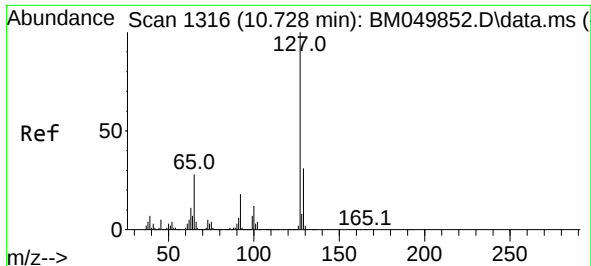
Tgt Ion:128 Resp: 3305519
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 42.843 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:122 Resp: 754581
Ion Ratio Lower Upper
122 100
105 119.6 103.8 143.8
77 89.6 70.7 110.7

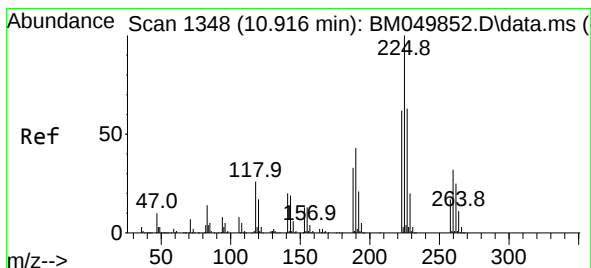
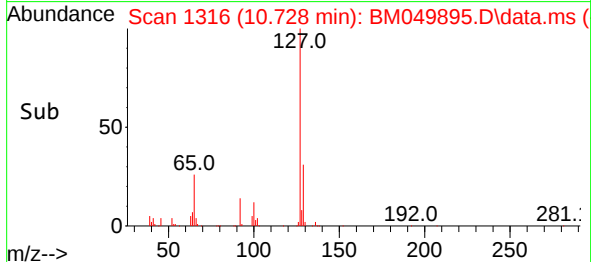
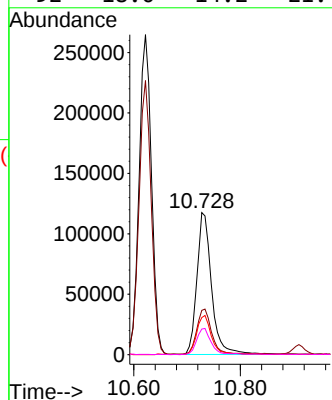
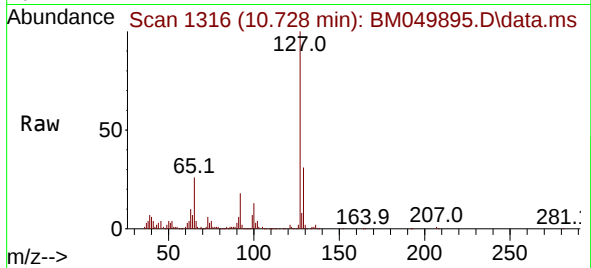




#33
4-Chloroaniline
Concen: 8.827 ng
RT: 10.728 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

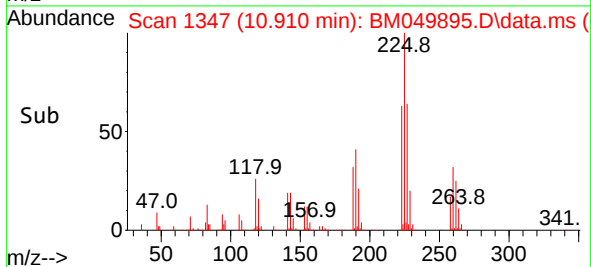
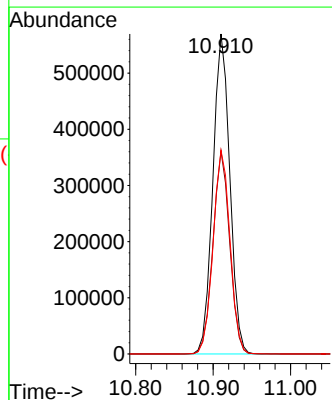
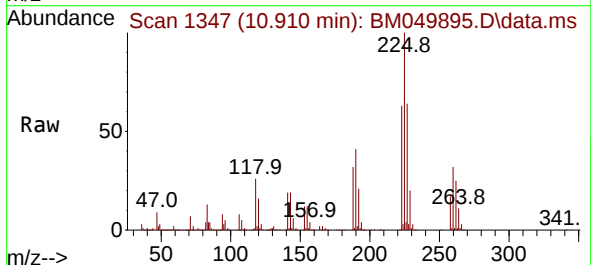
Instrument :
BNA_M
ClientSampleId :
PB167544BS

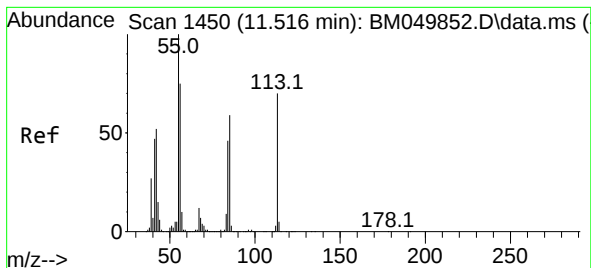
Tgt Ion:	127	Resp:	224960
Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.9	37.3
65	26.1	22.4	33.6
92	18.0	14.2	21.4



#34
Hexachlorobutadiene
Concen: 49.747 ng
RT: 10.910 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:	225	Resp:	863288
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.2
227	63.6	50.1	75.1

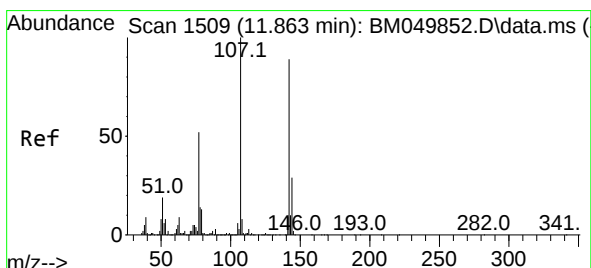
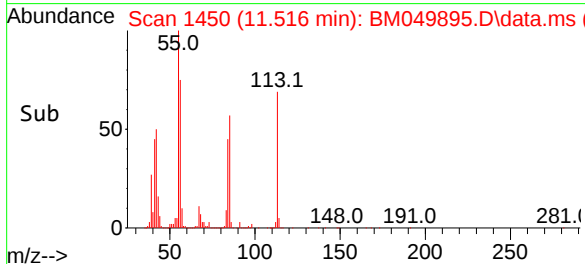
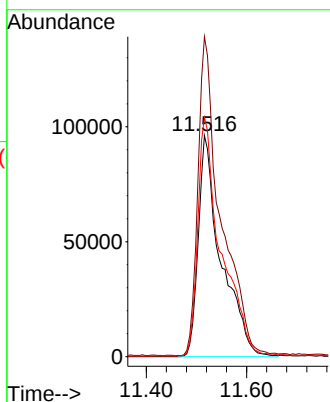
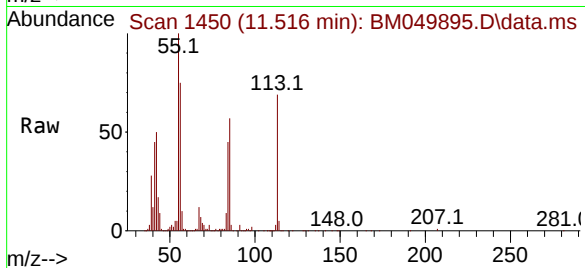




#35
Caprolactam
Concen: 43.455 ng
RT: 11.516 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

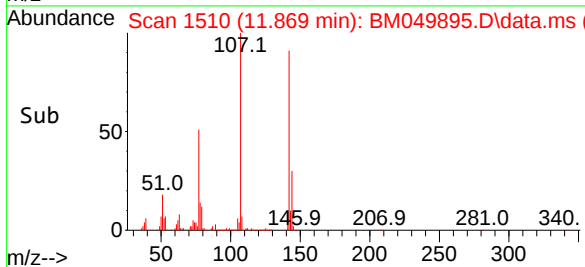
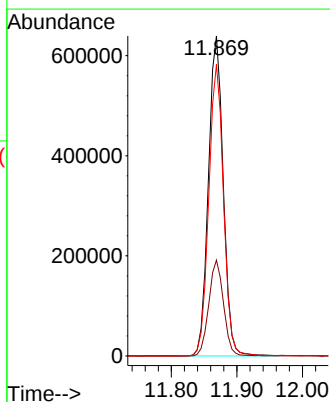
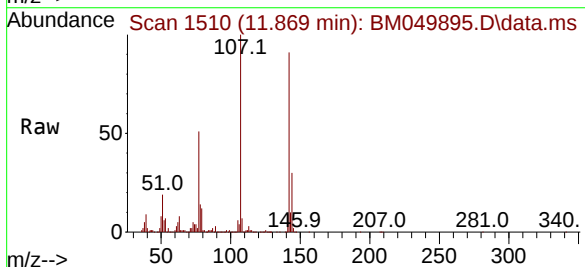
Instrument :
BNA_M
ClientSampleId :
PB167544BS

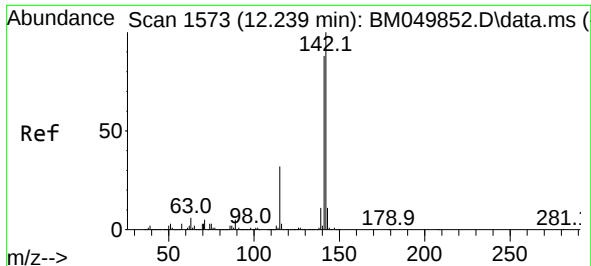
Tgt Ion:113 Resp: 302246
Ion Ratio Lower Upper
113 100
55 144.7 124.3 164.3
56 108.3 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 47.432 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:107 Resp: 1007565
Ion Ratio Lower Upper
107 100
144 29.9 23.6 35.4
142 91.1 71.4 107.0

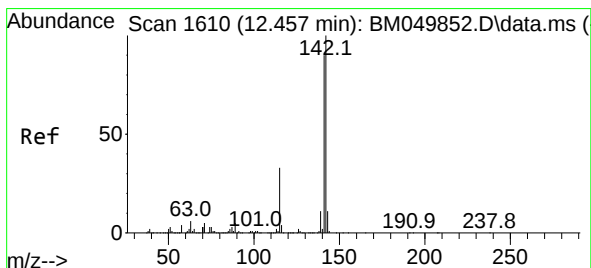
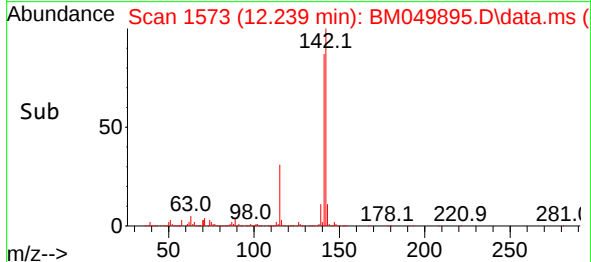
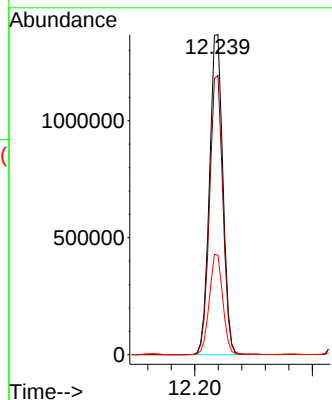
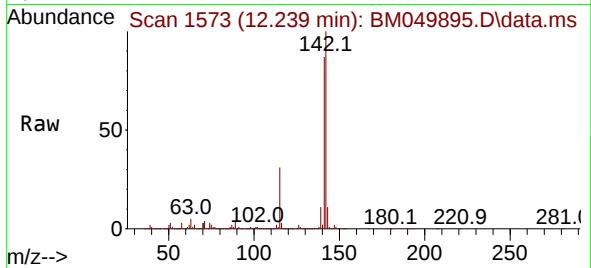




#37
2-Methylnaphthalene
Concen: 42.617 ng
RT: 12.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

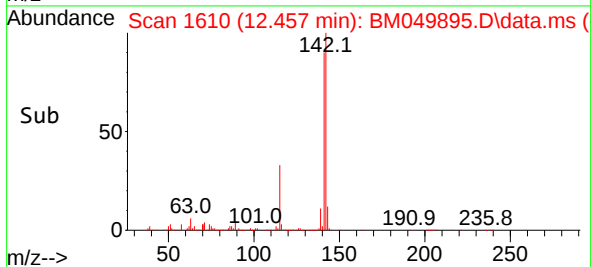
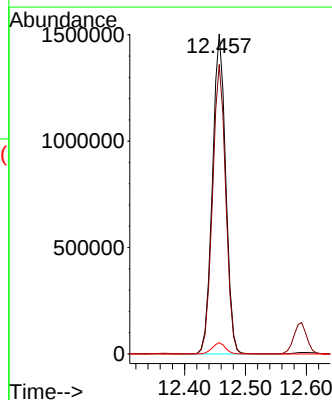
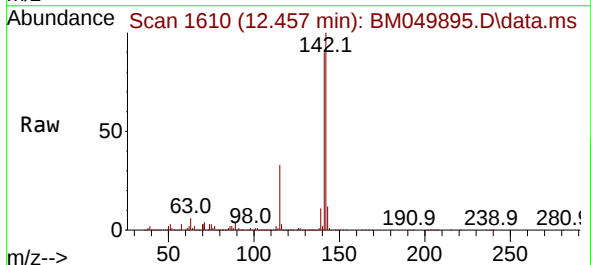
Instrument :
BNA_M
ClientSampleId :
PB167544BS

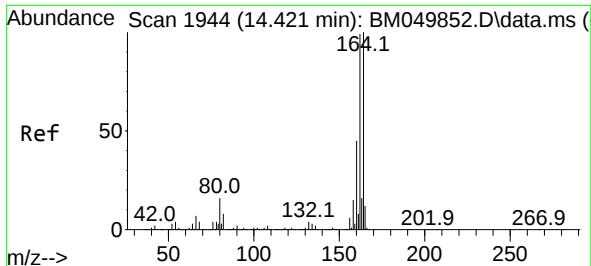
Tgt Ion:142 Resp: 2167106
Ion Ratio Lower Upper
142 100
141 87.2 70.2 105.2
115 31.1 25.4 38.2



#38
1-Methylnaphthalene
Concen: 45.903 ng
RT: 12.457 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:142 Resp: 2274096
Ion Ratio Lower Upper
142 100
141 90.5 72.2 108.2
116 3.5 2.9 4.3

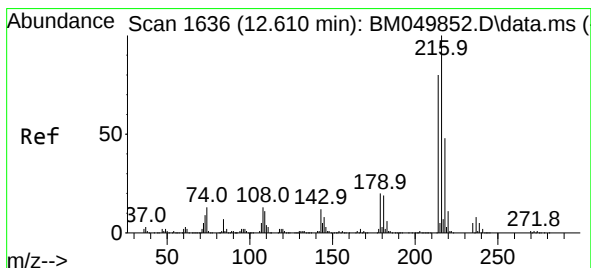
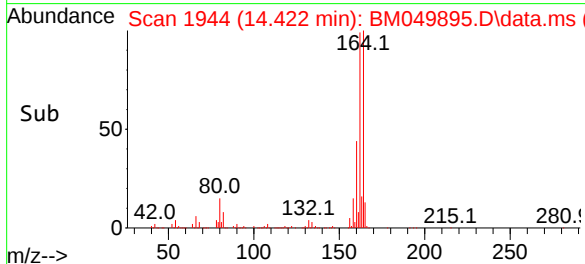
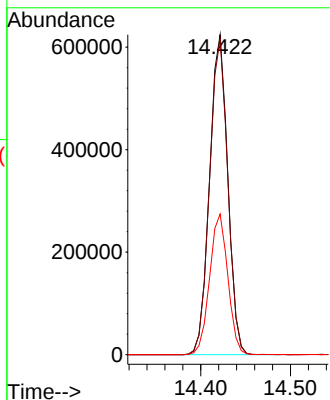
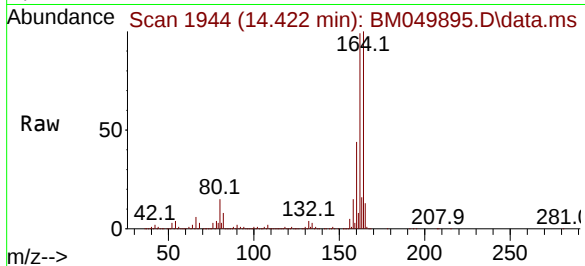




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

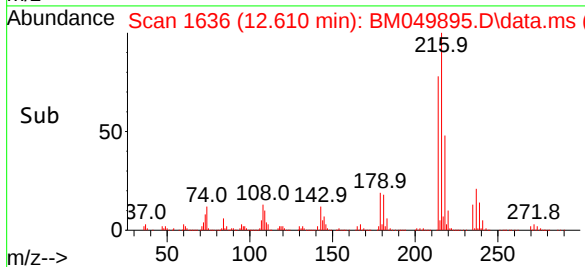
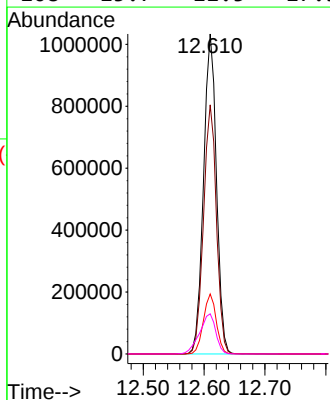
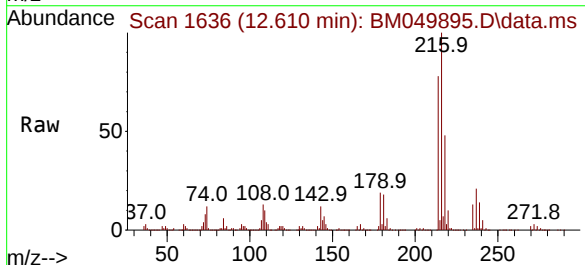
Instrument :
BNA_M
ClientSampleId :
PB167544BS

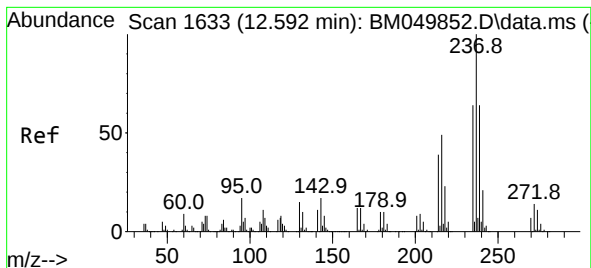
Tgt Ion:164 Resp: 877536
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 43.9 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.674 ng
RT: 12.610 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:216 Resp: 1524999
Ion Ratio Lower Upper
216 100
214 77.9 63.2 94.8
179 18.8 15.8 23.6
108 15.7 11.5 17.3





#41

Hexachlorocyclopentadiene

Concen: 210.973 ng

RT: 12.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

Instrument :

BNA_M

ClientSampleId :

PB167544BS

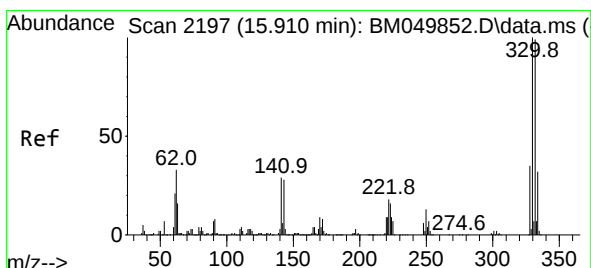
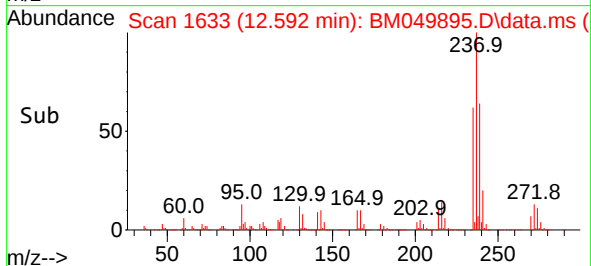
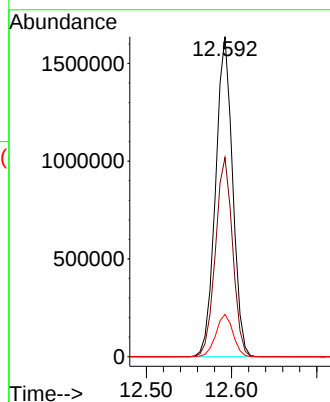
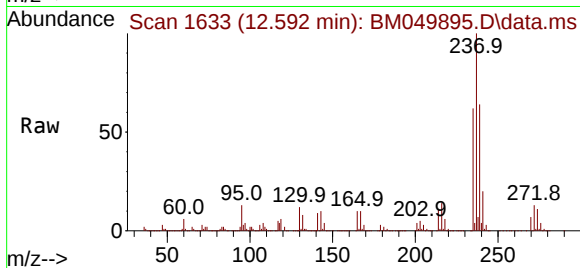
Tgt Ion:237 Resp: 2269561

Ion Ratio Lower Upper

237 100

235 62.3 43.7 83.7

272 13.2 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 141.827 ng

RT: 15.910 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

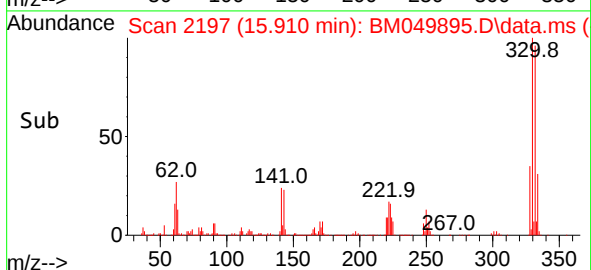
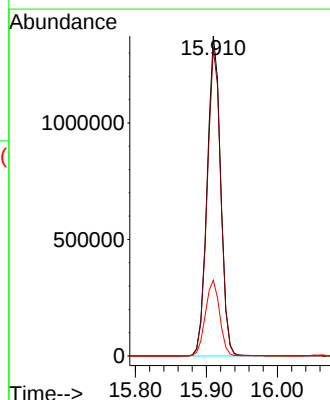
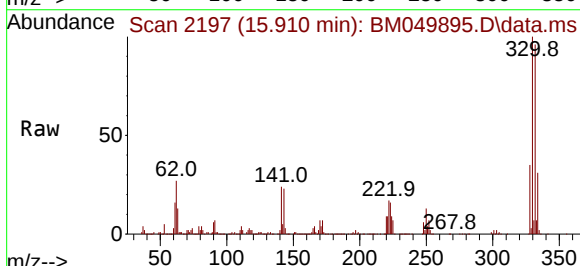
Tgt Ion:330 Resp: 1810286

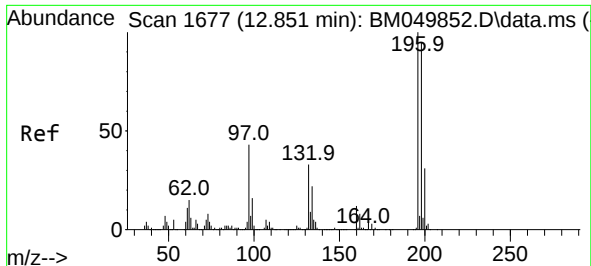
Ion Ratio Lower Upper

330 100

332 96.9 78.0 117.0

141 25.1 23.5 35.3

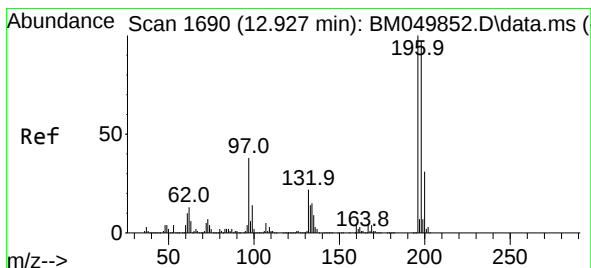
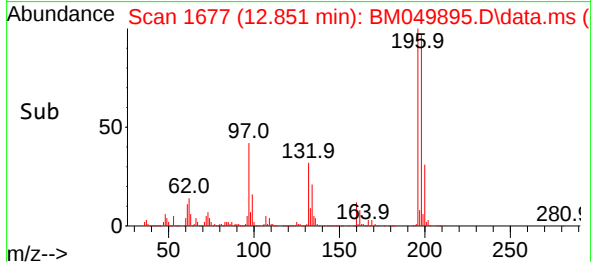
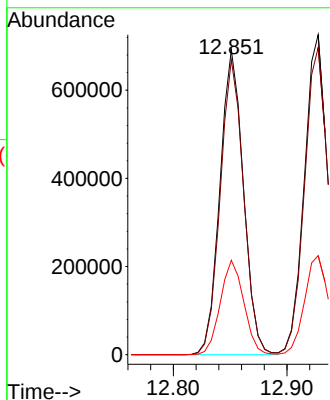
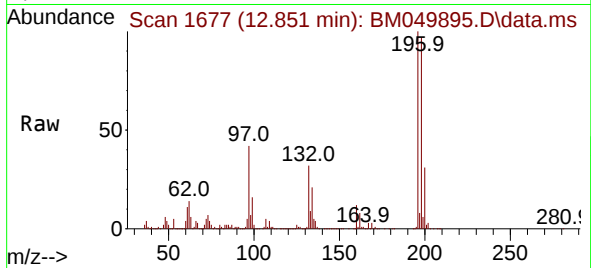




#43
 2,4,6-Trichlorophenol
 Concen: 50.873 ng
 RT: 12.851 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BM049895.D
 Acq: 11 Apr 2025 10:56

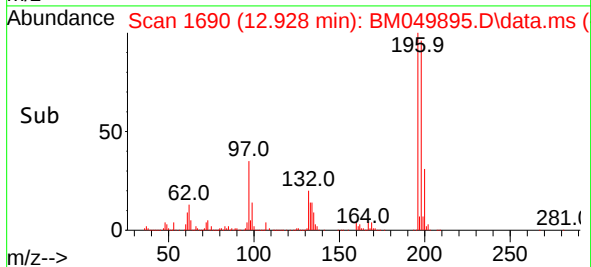
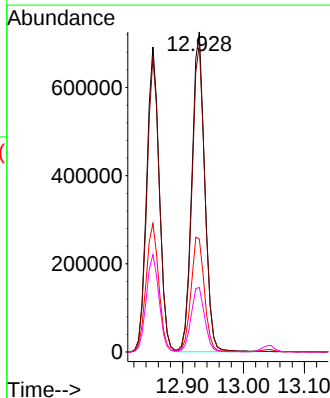
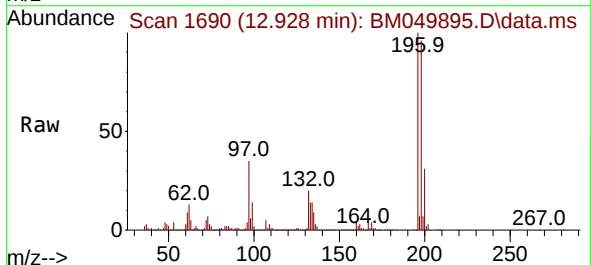
Instrument :
 BNA_M
 ClientSampleId :
 PB167544BS

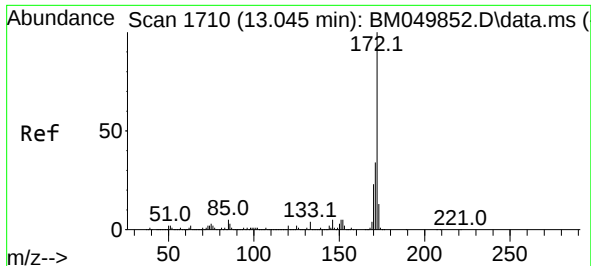
Tgt Ion:196 Resp: 993843
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.1 114.1
 200 31.0 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 50.073 ng
 RT: 12.928 min Scan# 1690
 Delta R.T. 0.000 min
 Lab File: BM049895.D
 Acq: 11 Apr 2025 10:56

Tgt Ion:196 Resp: 1063039
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.7 116.5
 97 35.3 30.3 45.5
 132 20.1 17.3 25.9

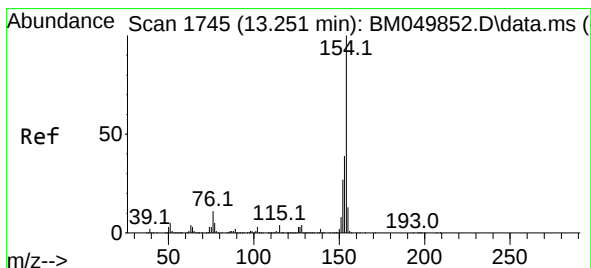
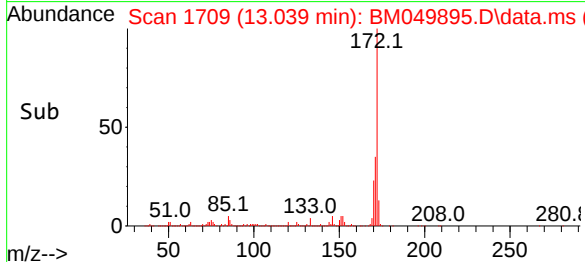
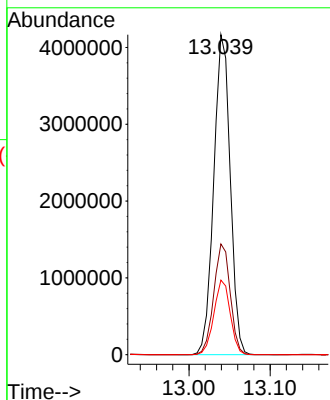
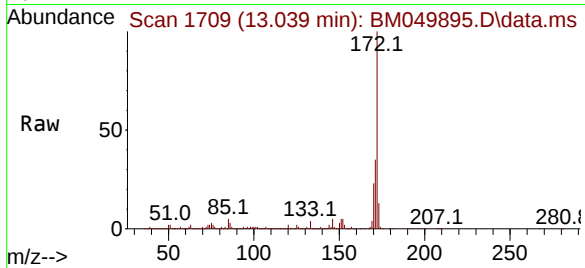




#45
2-Fluorobiphenyl
Concen: 90.938 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

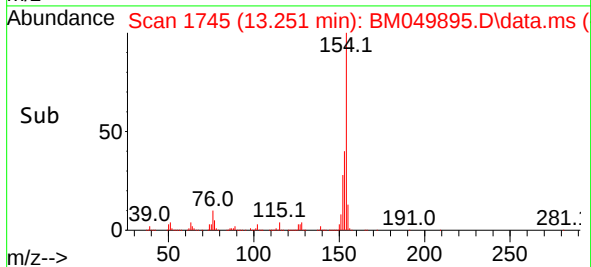
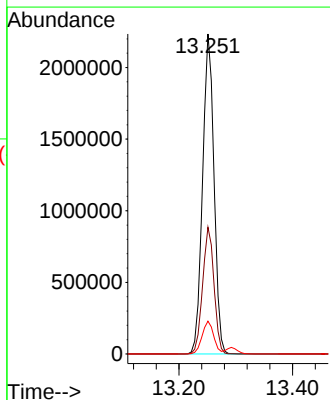
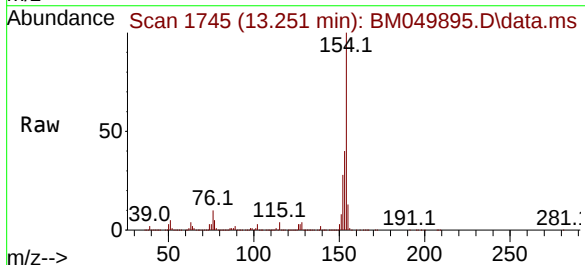
Instrument :
BNA_M
ClientSampleId :
PB167544BS

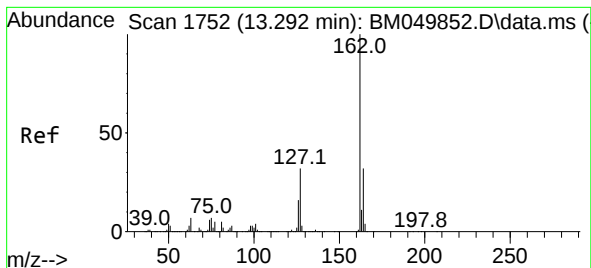
Tgt Ion:172 Resp: 5885004
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.2
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.704 ng
RT: 13.251 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:154 Resp: 3111862
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 10.3 0.0 30.7





#47

2-Chloronaphthalene

Concen: 48.107 ng

RT: 13.292 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

Instrument :

BNA_M

ClientSampleId :

PB167544BS

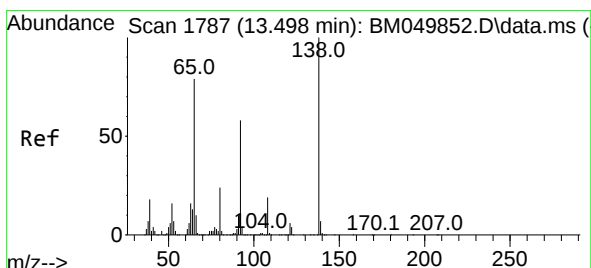
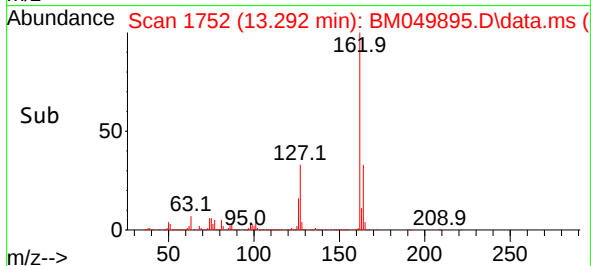
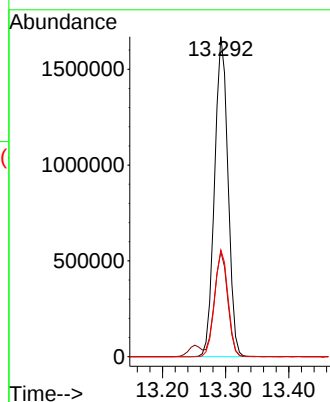
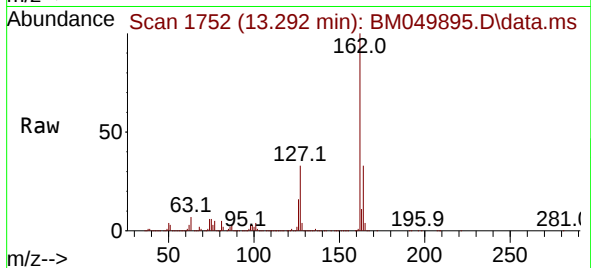
Tgt Ion:162 Resp: 2466554

Ion Ratio Lower Upper

162 100

127 32.8 26.0 39.0

164 33.4 25.9 38.9



#48

2-Nitroaniline

Concen: 48.263 ng

RT: 13.498 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

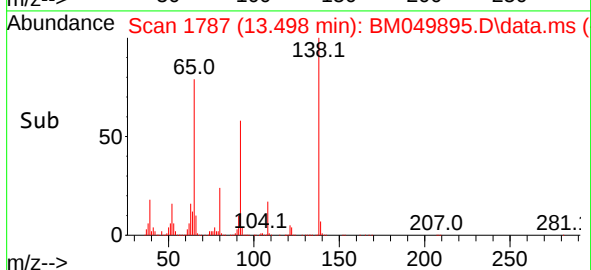
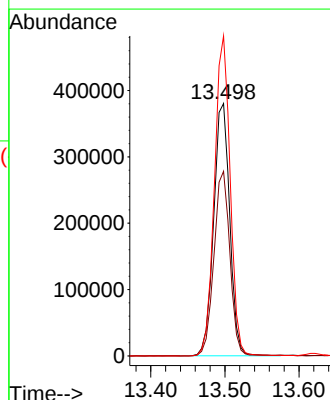
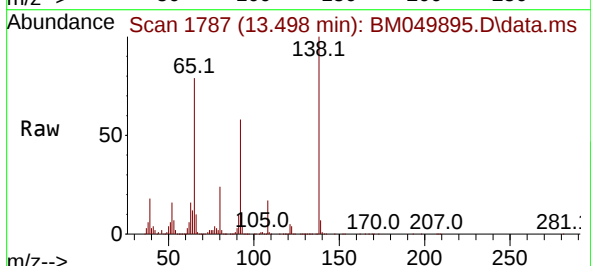
Tgt Ion: 65 Resp: 572474

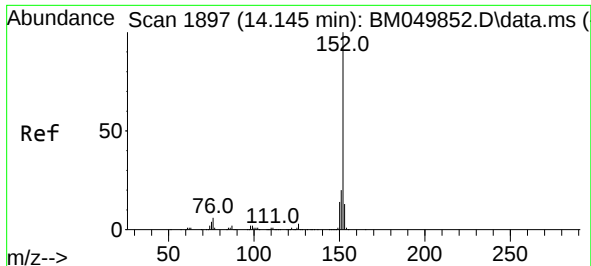
Ion Ratio Lower Upper

65 100

92 73.1 58.4 87.6

138 126.8 100.8 151.2

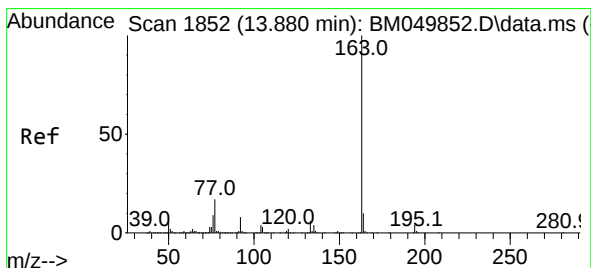
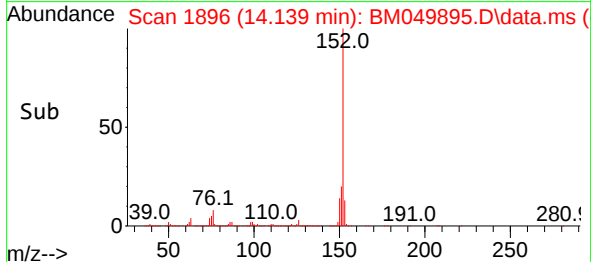
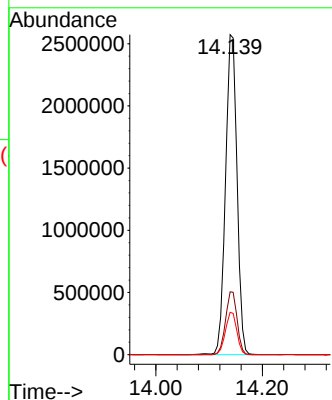
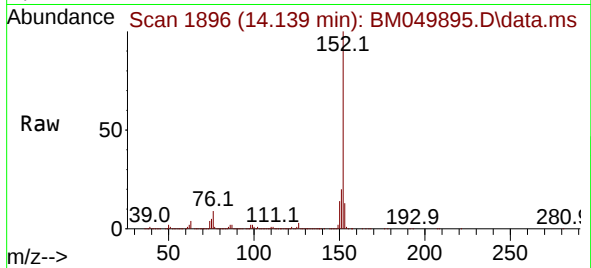




#49
Acenaphthylene
Concen: 51.554 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

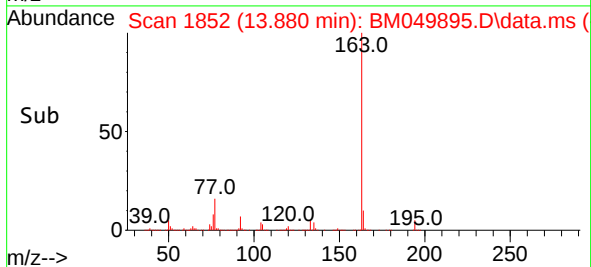
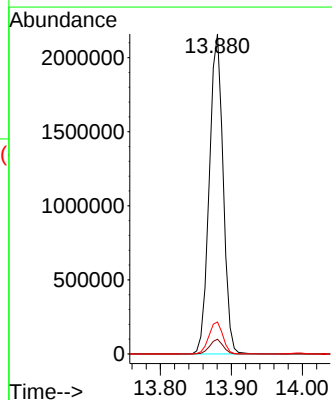
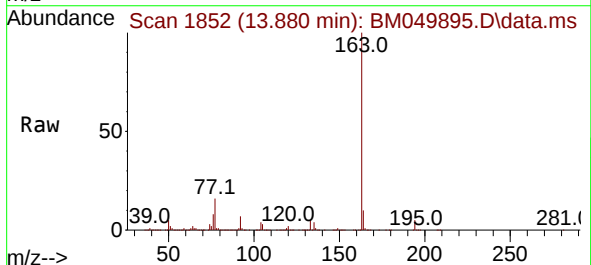
Instrument :
BNA_M
ClientSampleId :
PB167544BS

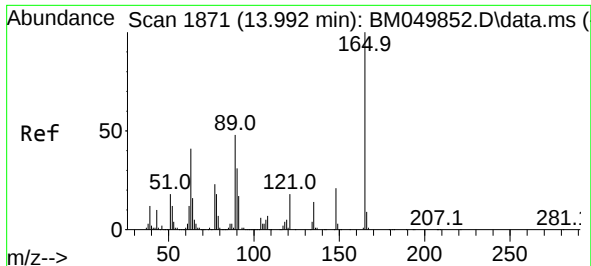
Tgt Ion:152 Resp: 3850334
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 47.195 ng
RT: 13.880 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:163 Resp: 2921813
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.0 7.9 11.9

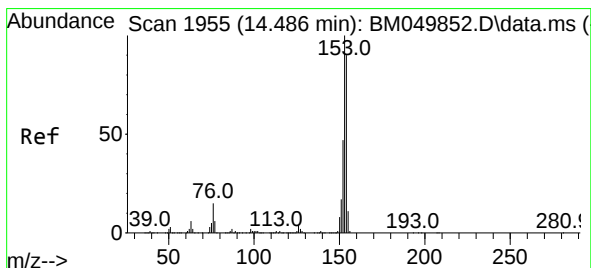
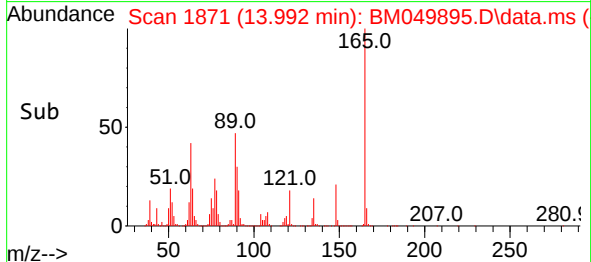
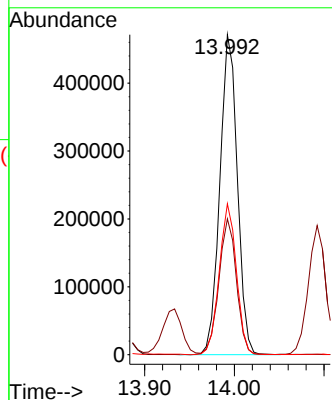
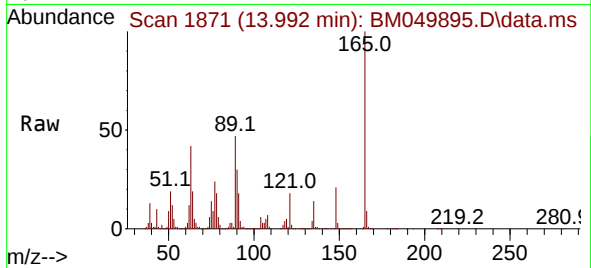




#51
2,6-Dinitrotoluene
Concen: 49.142 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

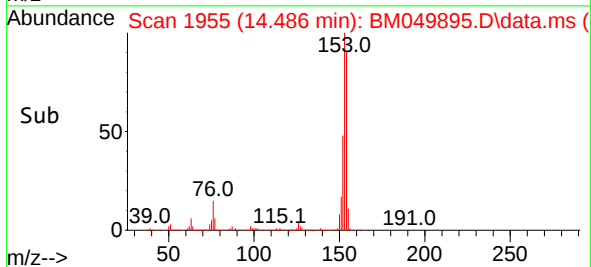
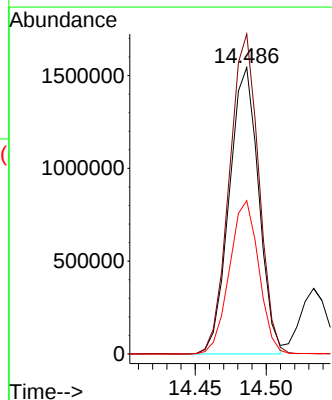
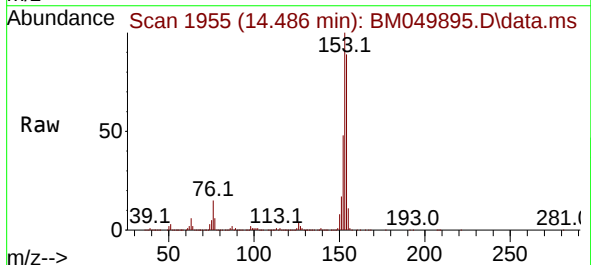
Instrument :
BNA_M
ClientSampleId :
PB167544BS

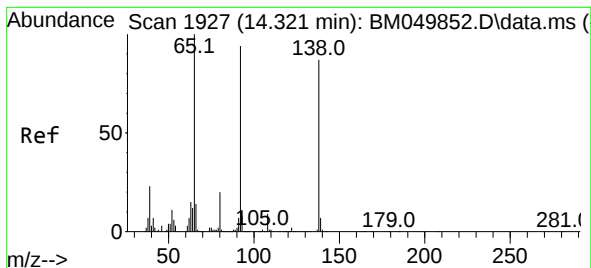
Tgt Ion:165 Resp: 637404
Ion Ratio Lower Upper
165 100
63 42.4 36.1 54.1
89 47.1 38.3 57.5



#52
Acenaphthene
Concen: 46.861 ng
RT: 14.486 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:154 Resp: 2226216
Ion Ratio Lower Upper
154 100
153 111.7 89.3 133.9
152 53.5 42.2 63.2

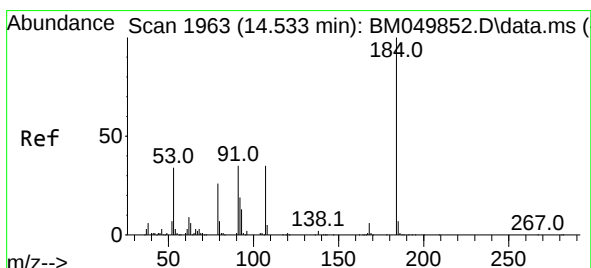
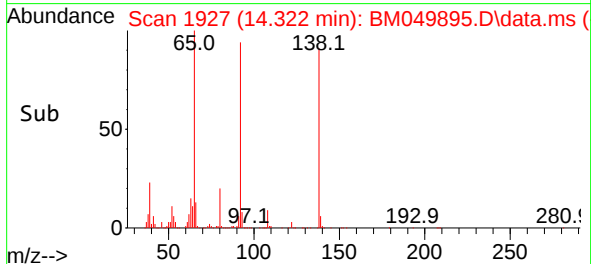
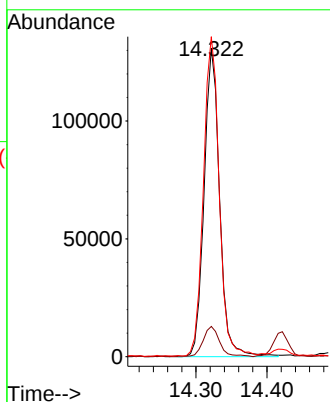
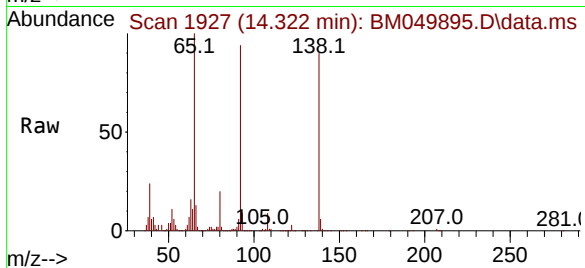




#53
3-Nitroaniline
Concen: 15.922 ng
RT: 14.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

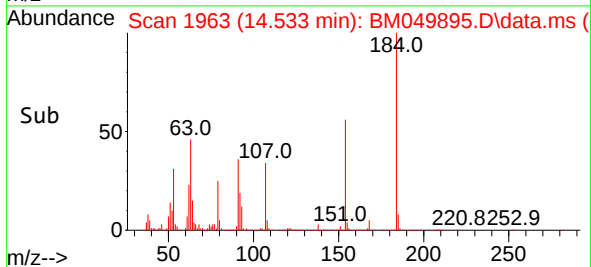
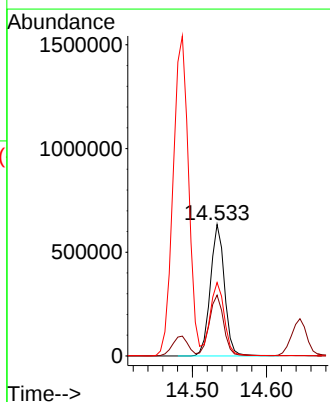
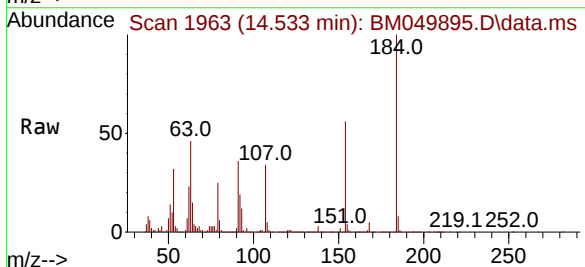
Instrument :
BNA_M
ClientSampleId :
PB167544BS

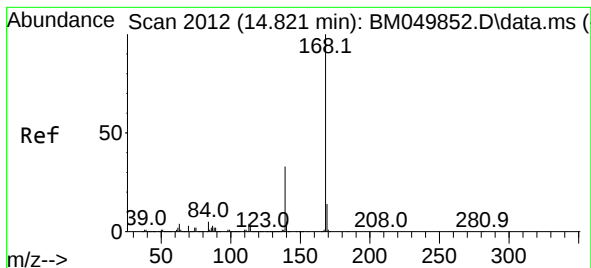
Tgt Ion:138 Resp: 199597
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 103.7 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 88.671 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:184 Resp: 840990
Ion Ratio Lower Upper
184 100
63 46.2 38.4 57.6
154 55.8 48.1 72.1





#55

Dibenzofuran

Concen: 45.643 ng

RT: 14.822 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

Instrument :

BNA_M

ClientSampleId :

PB167544BS

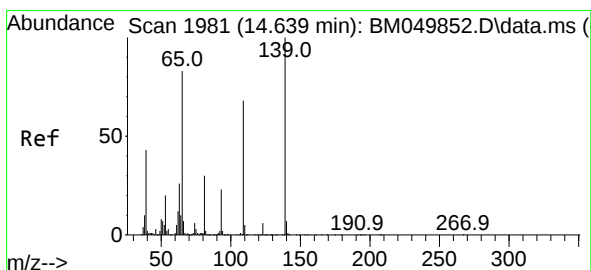
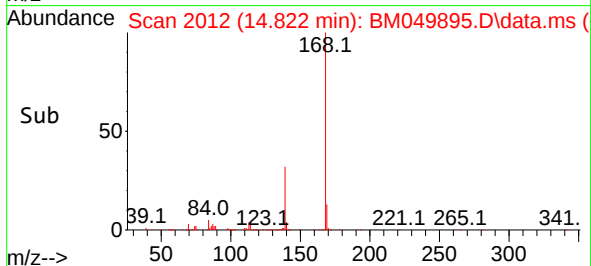
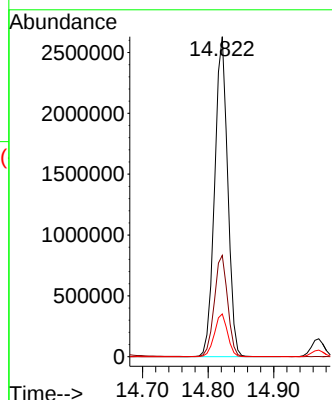
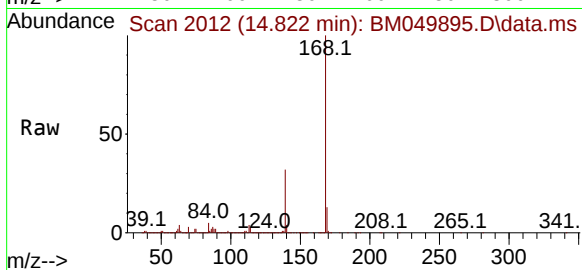
Tgt Ion:168 Resp: 3624814

Ion Ratio Lower Upper

168 100

139 31.7 26.6 39.8

169 13.3 11.0 16.4



#56

4-Nitrophenol

Concen: 96.864 ng

RT: 14.645 min Scan# 1982

Delta R.T. 0.006 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

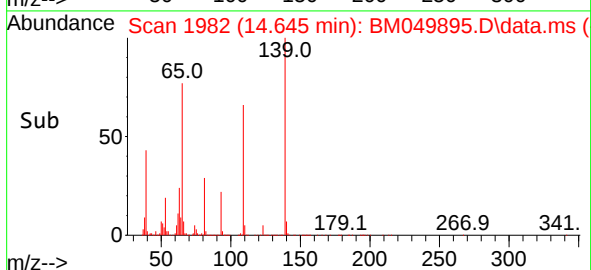
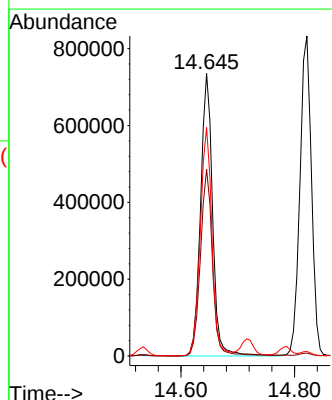
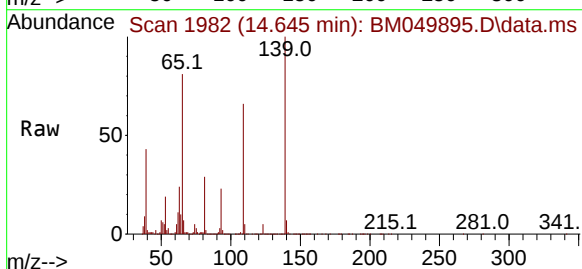
Tgt Ion:139 Resp: 1082119

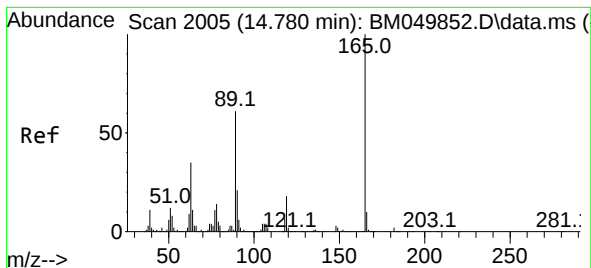
Ion Ratio Lower Upper

139 100

109 66.1 47.9 87.9

65 80.9 62.7 102.7

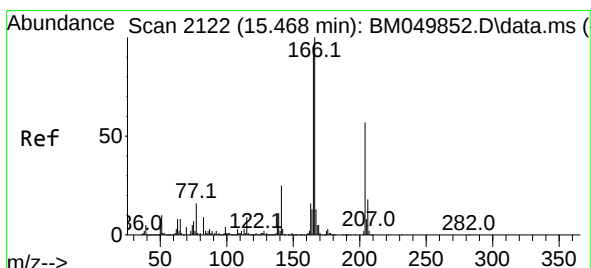
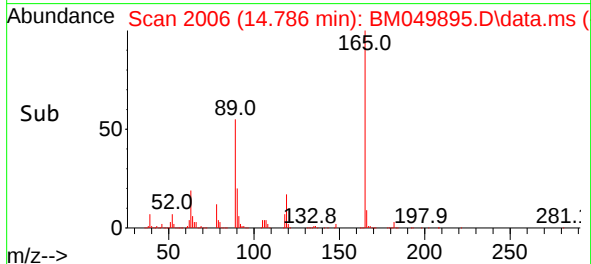
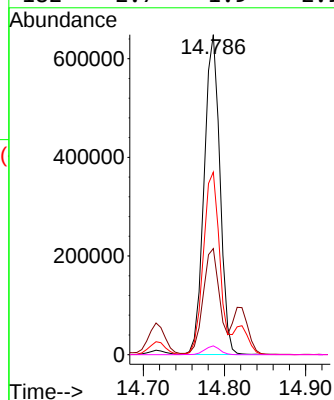
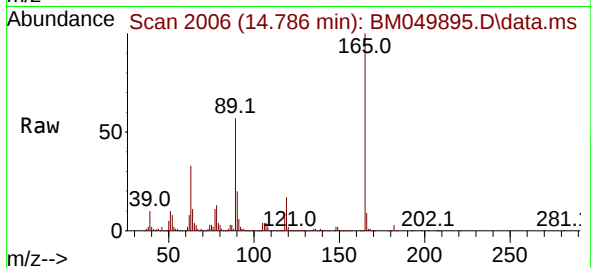




#57
2,4-Dinitrotoluene
Concen: 50.471 ng
RT: 14.786 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

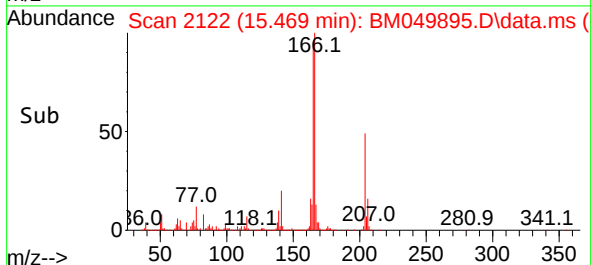
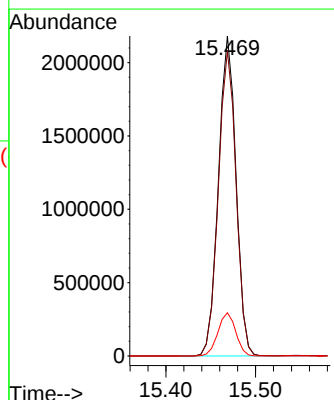
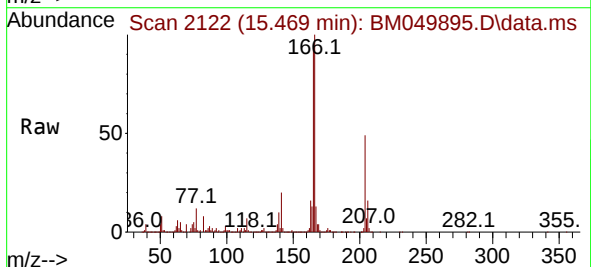
Instrument :
BNA_M
ClientSampleId :
PB167544BS

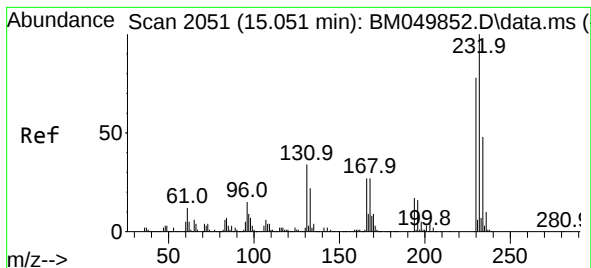
Tgt Ion:165 Resp: 873350
Ion Ratio Lower Upper
165 100
63 33.2 28.6 42.8
89 57.1 49.0 73.6
182 2.7 1.9 2.9



#58
Fluorene
Concen: 47.037 ng
RT: 15.469 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:166 Resp: 2969299
Ion Ratio Lower Upper
166 100
165 95.3 76.3 114.5
167 13.5 10.7 16.1

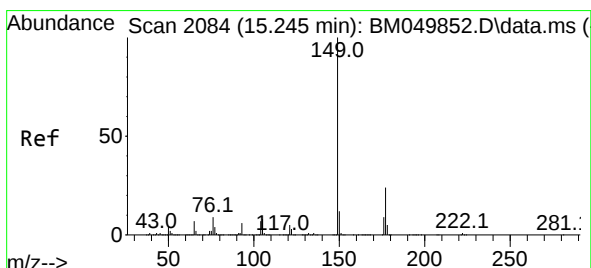
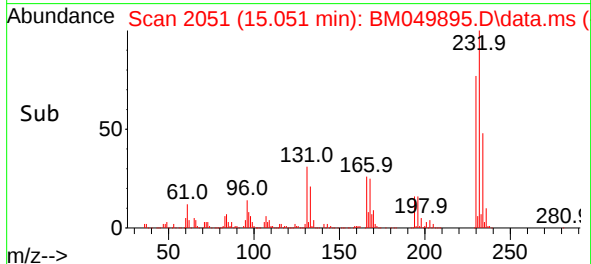
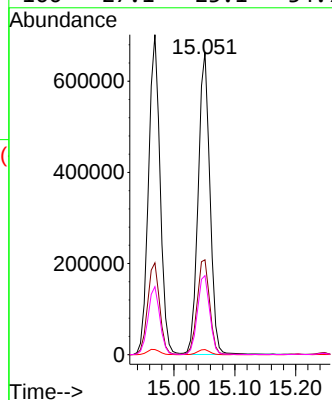
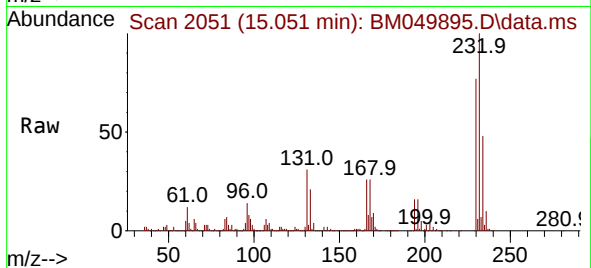




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.802 ng
RT: 15.051 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

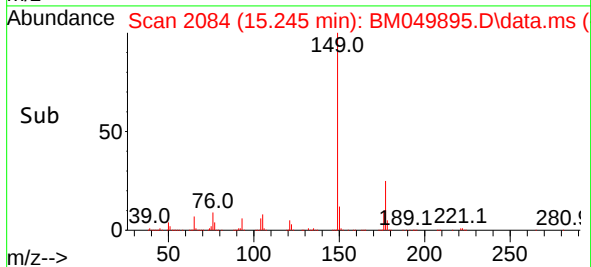
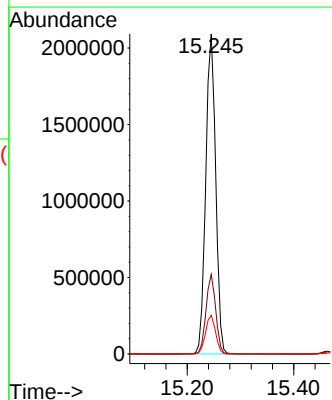
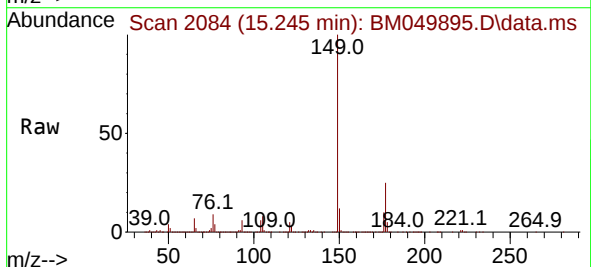
Instrument :
BNA_M
ClientSampleId :
PB167544BS

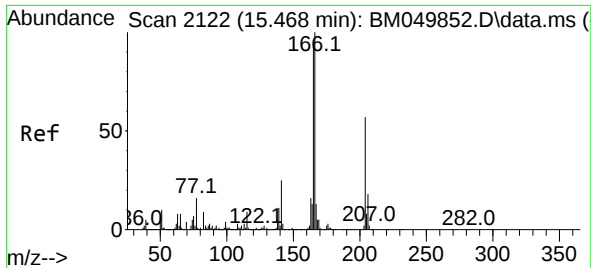
Tgt Ion:232 Resp: 889457
Ion Ratio Lower Upper
232 100
131 33.2 28.4 42.6
130 1.8 1.6 2.4
166 27.1 23.1 34.7



#60
Diethylphthalate
Concen: 45.429 ng
RT: 15.245 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:149 Resp: 2697088
Ion Ratio Lower Upper
149 100
177 24.8 19.0 28.4
150 12.1 9.7 14.5

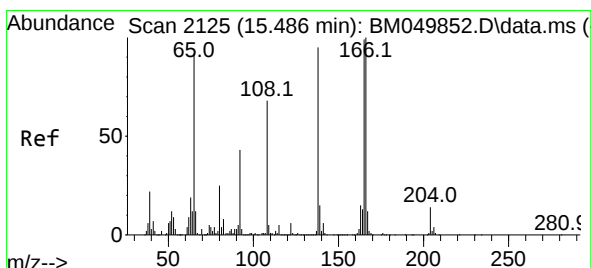
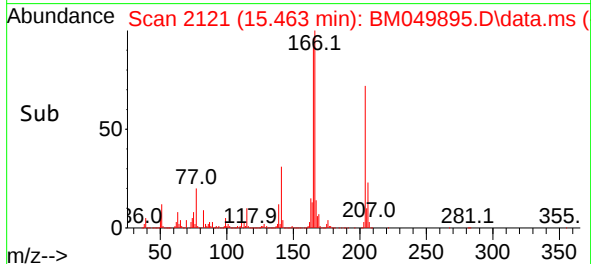
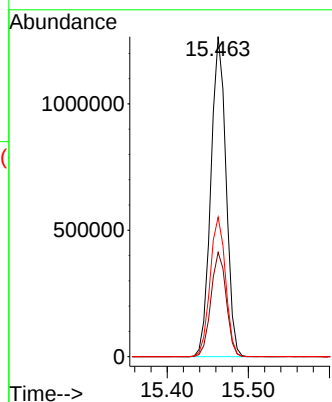
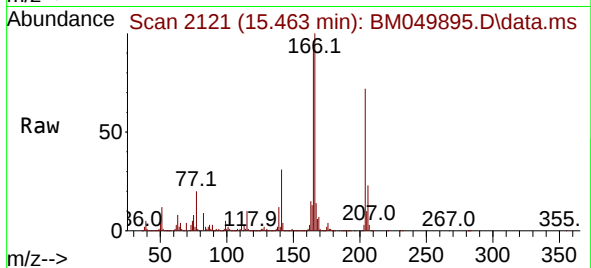




#61
4-Chlorophenyl-phenylether
Concen: 48.498 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

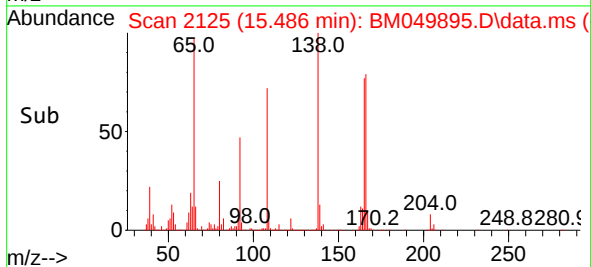
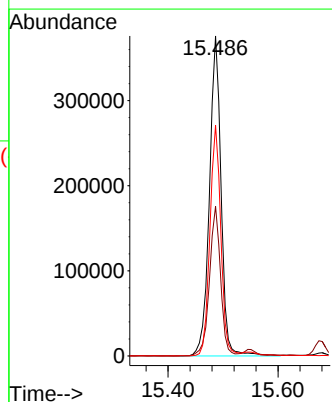
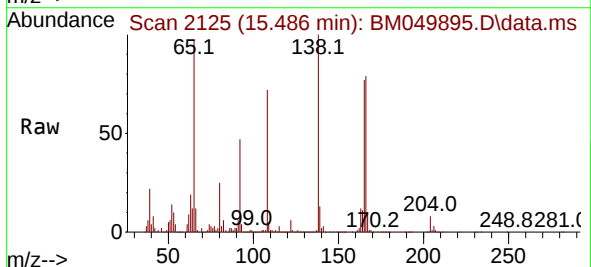
Instrument :
BNA_M
ClientSampleId :
PB167544BS

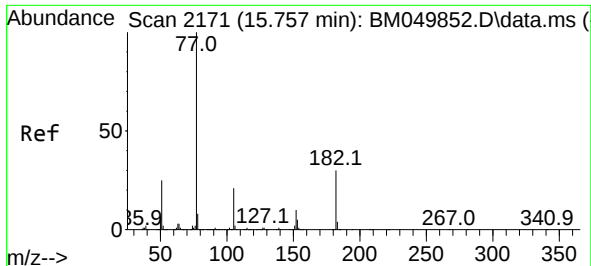
Tgt Ion:204 Resp: 1641405
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 43.6 35.0 52.6



#62
4-Nitroaniline
Concen: 42.755 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:138 Resp: 554288
Ion Ratio Lower Upper
138 100
92 46.8 24.9 64.9
108 72.1 51.7 91.7

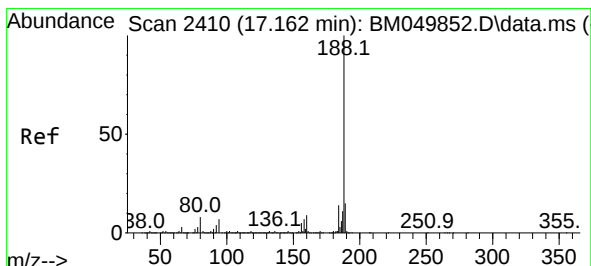
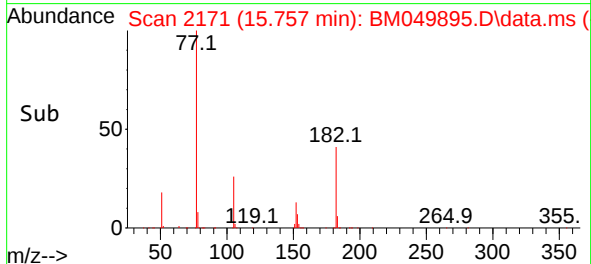
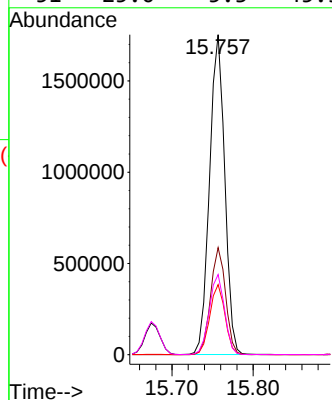
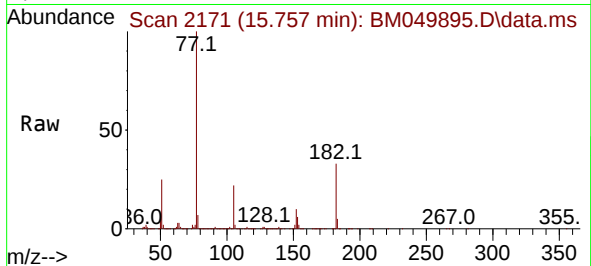




#63
Azobenzene
Concen: 44.818 ng
RT: 15.757 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

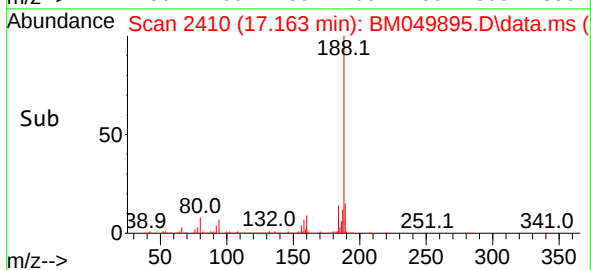
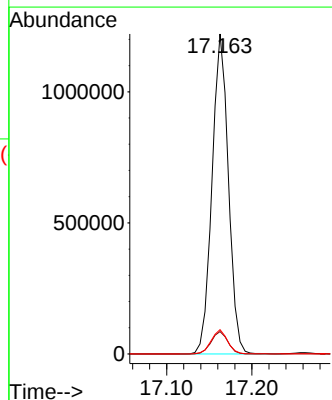
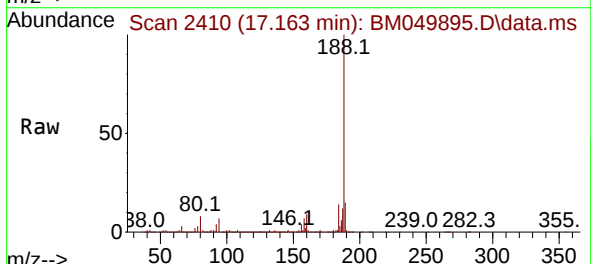
Instrument :
BNA_M
ClientSampleId :
PB167544BS

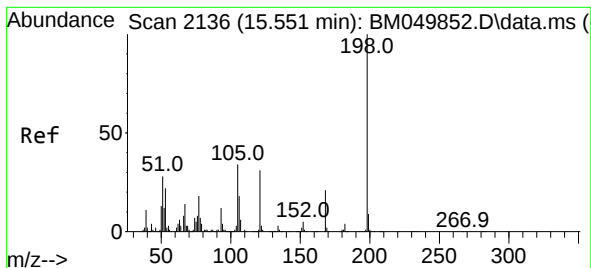
Tgt Ion: 77 Resp: 2278073
Ion Ratio Lower Upper
77 100
182 33.5 10.4 50.4
105 21.9 1.5 41.5
51 25.0 5.3 45.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:188 Resp: 1626496
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.6
80 7.6 6.4 9.6

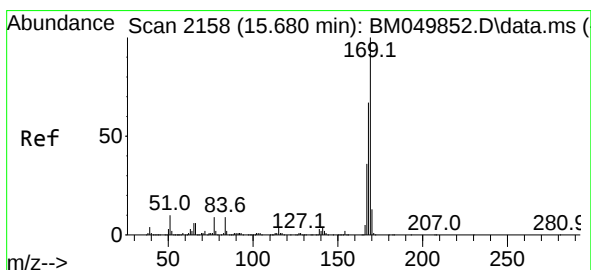
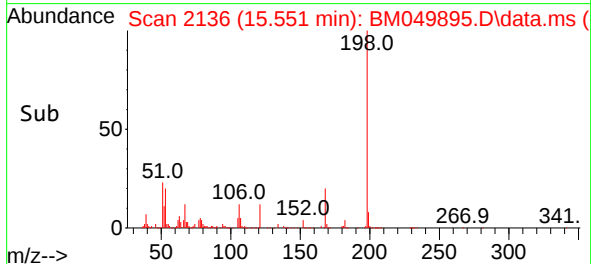
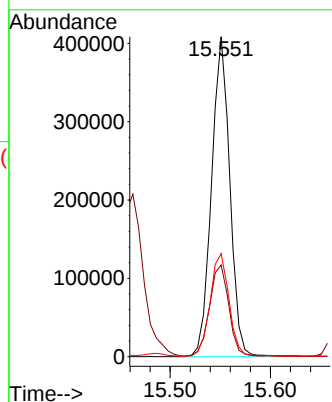
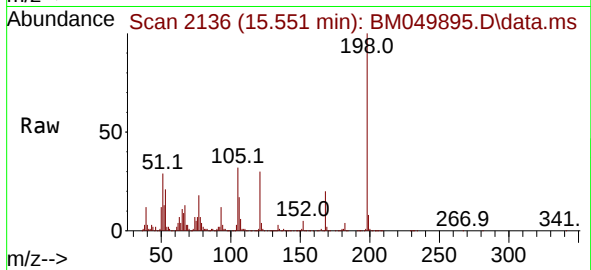




#65
4,6-Dinitro-2-methylphenol
Concen: 50.477 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

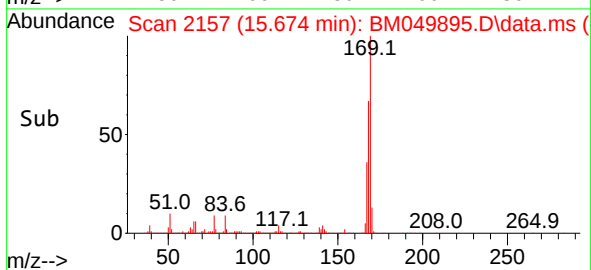
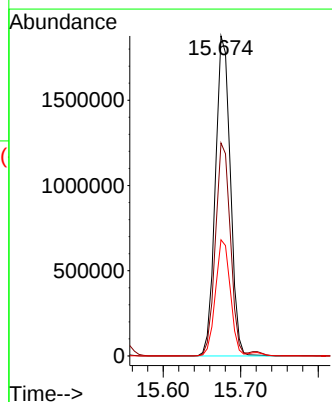
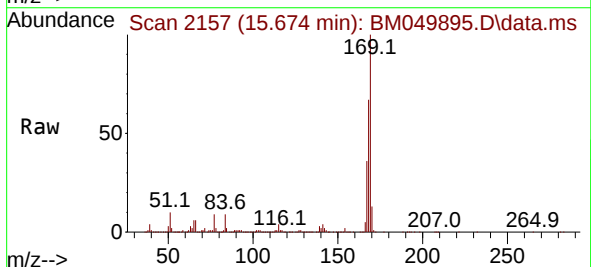
Instrument :
BNA_M
ClientSampleId :
PB167544BS

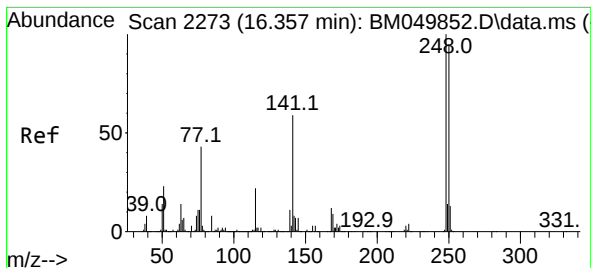
Tgt Ion:198 Resp: 517365
Ion Ratio Lower Upper
198 100
51 28.6 9.6 49.6
105 32.2 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 51.727 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:169 Resp: 2517787
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.3 29.0 43.6

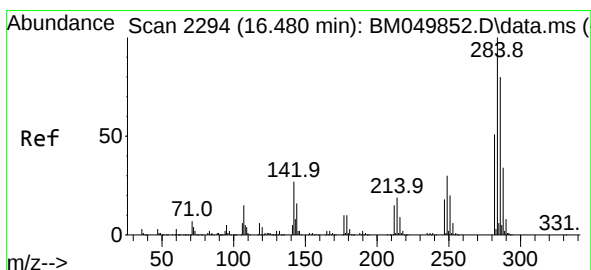
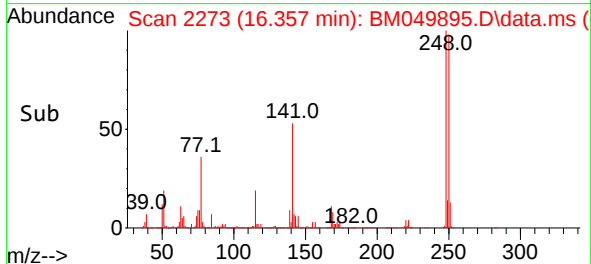
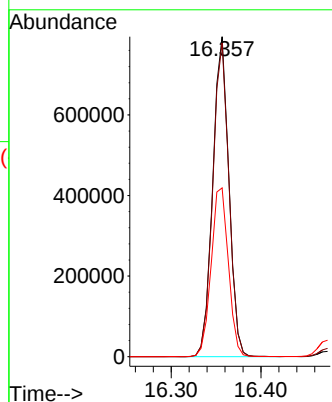
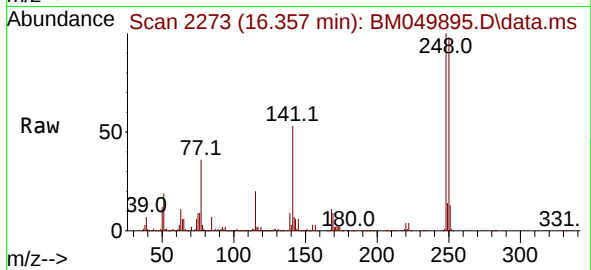




#67
 4-Bromophenyl-phenylether
 Concen: 52.569 ng
 RT: 16.357 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM049895.D
 Acq: 11 Apr 2025 10:56

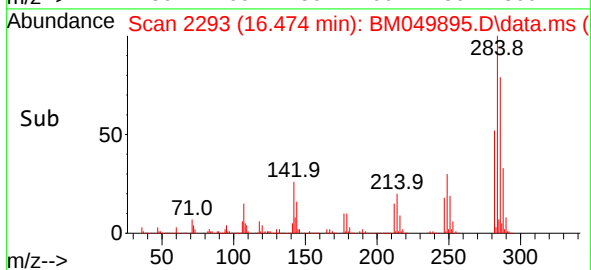
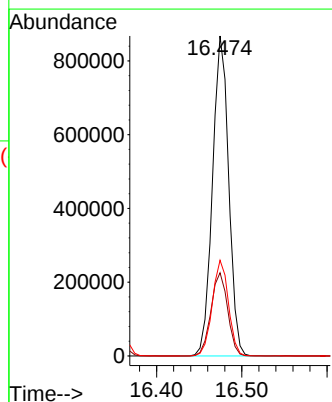
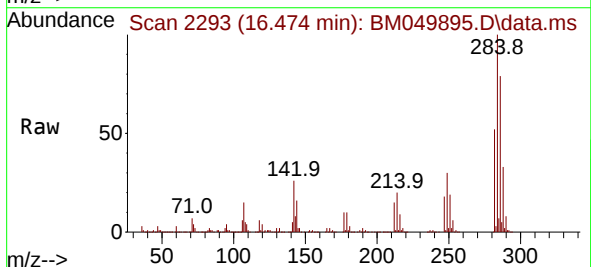
Instrument :
 BNA_M
 ClientSampleId :
 PB167544BS

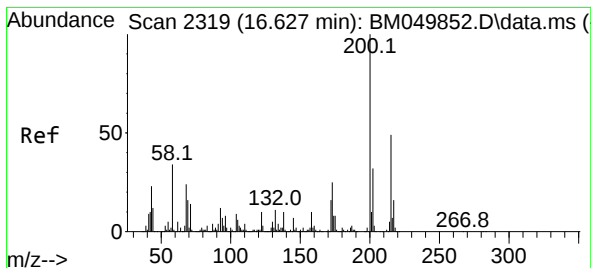
Tgt Ion:248 Resp: 992589
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.2 114.2
 141 52.8 47.3 70.9



#68
 Hexachlorobenzene
 Concen: 52.850 ng
 RT: 16.474 min Scan# 2293
 Delta R.T. -0.006 min
 Lab File: BM049895.D
 Acq: 11 Apr 2025 10:56

Tgt Ion:284 Resp: 1144611
 Ion Ratio Lower Upper
 284 100
 142 26.0 21.2 31.8
 249 29.9 24.1 36.1





#69

Atrazine

Concen: 71.125 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

Instrument :

BNA_M

ClientSampleId :

PB167544BS

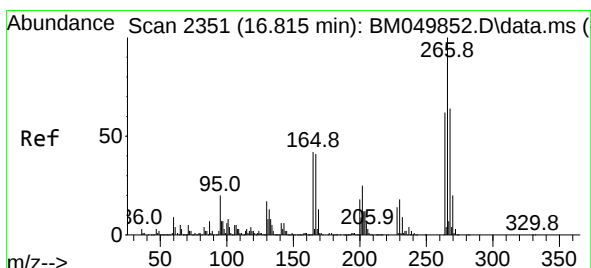
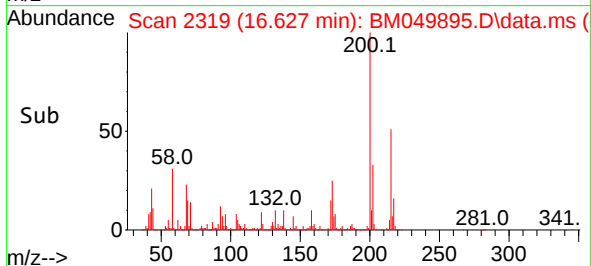
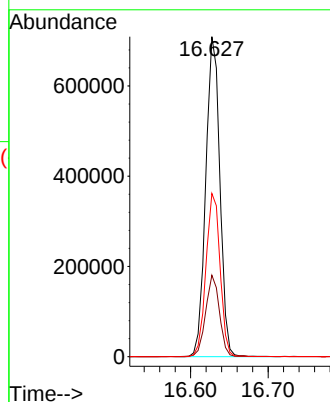
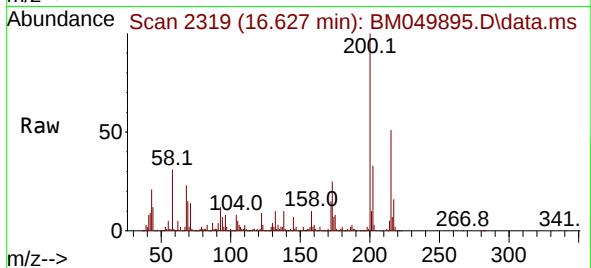
Tgt Ion:200 Resp: 897636

Ion Ratio Lower Upper

200 100

173 25.4 5.4 45.4

215 51.0 29.0 69.0



#70

Pentachlorophenol

Concen: 99.471 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.006 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

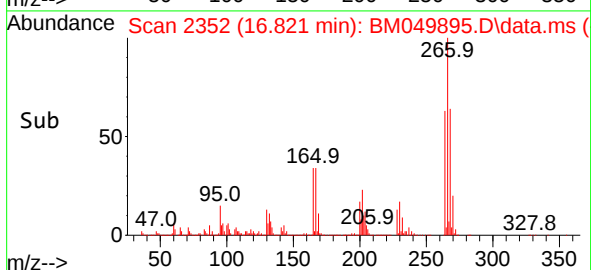
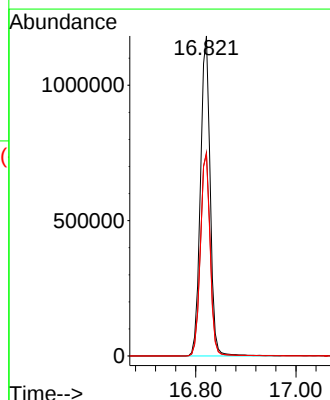
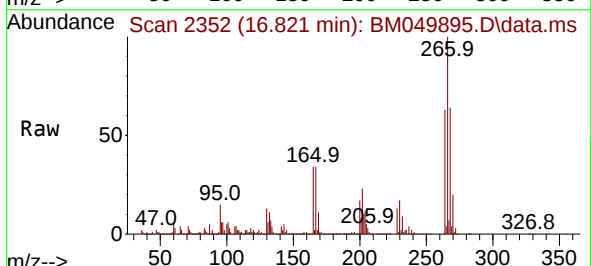
Tgt Ion:266 Resp: 1586046

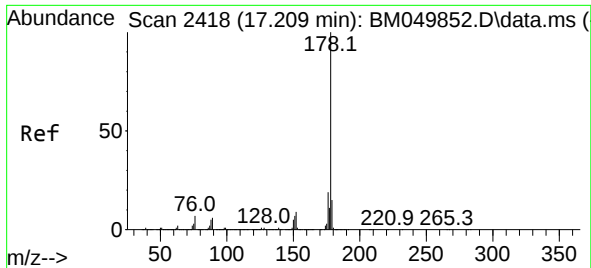
Ion Ratio Lower Upper

266 100

268 63.6 51.4 77.2

264 63.1 49.8 74.8

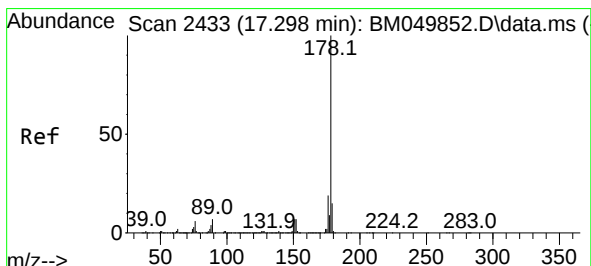
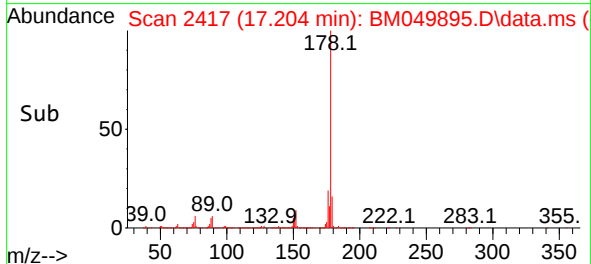
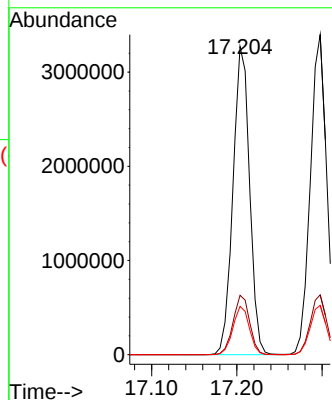
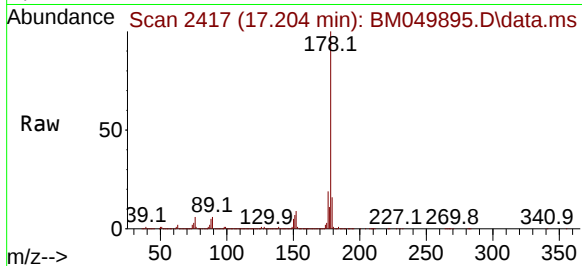




#71
Phenanthrene
Concen: 49.666 ng
RT: 17.204 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

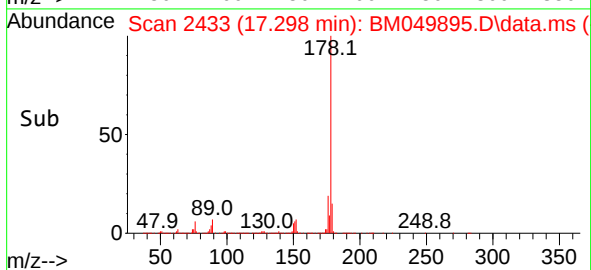
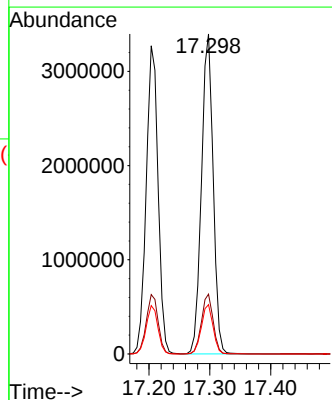
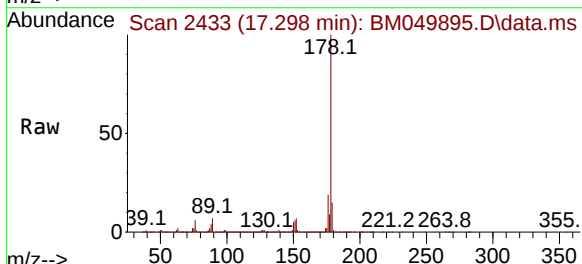
Instrument :
BNA_M
ClientSampleId :
PB167544BS

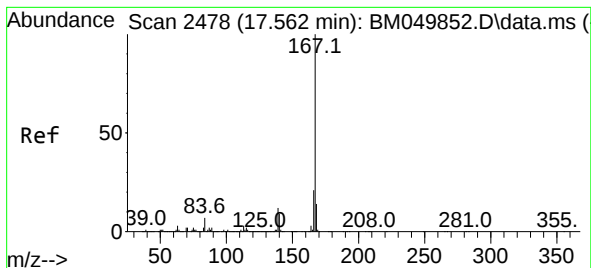
Tgt Ion:178 Resp: 4428726
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.7 12.3 18.5



#72
Anthracene
Concen: 51.566 ng
RT: 17.298 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:178 Resp: 4531449
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.4 12.4 18.6





#73

Carbazole

Concen: 47.823 ng

RT: 17.563 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

Instrument :

BNA_M

ClientSampleId :

PB167544BS

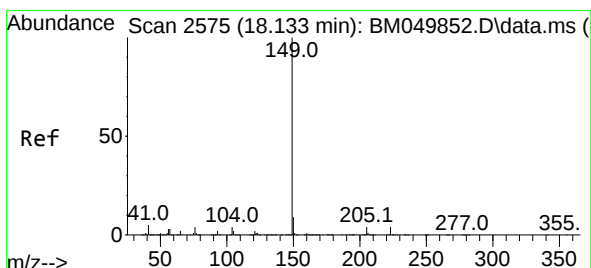
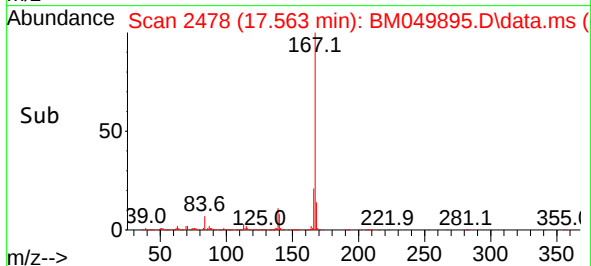
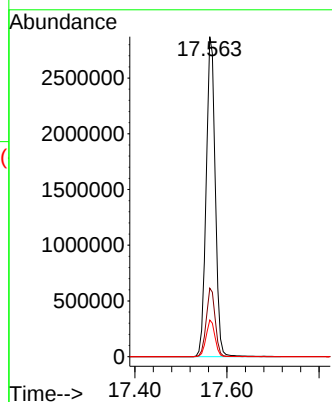
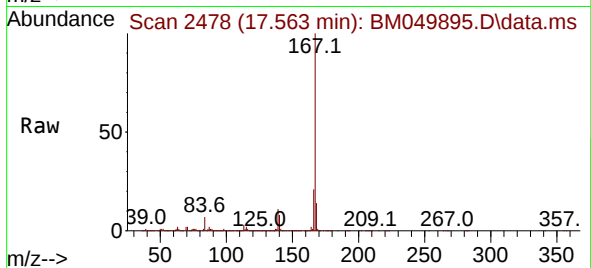
Tgt Ion:167 Resp: 3958225

Ion Ratio Lower Upper

167 100

166 21.4 16.9 25.3

139 11.5 9.3 13.9



#74

Di-n-butylphthalate

Concen: 46.996 ng

RT: 18.133 min Scan# 2575

Delta R.T. 0.000 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

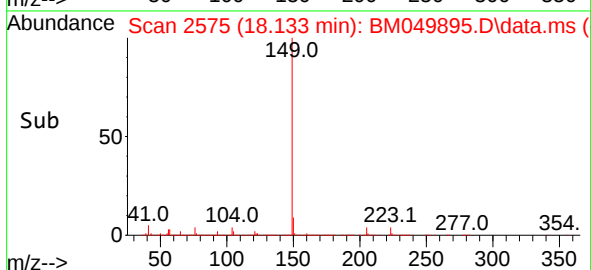
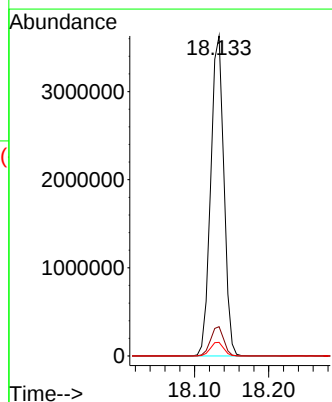
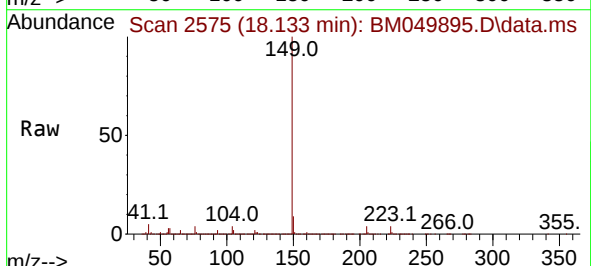
Tgt Ion:149 Resp: 4480310

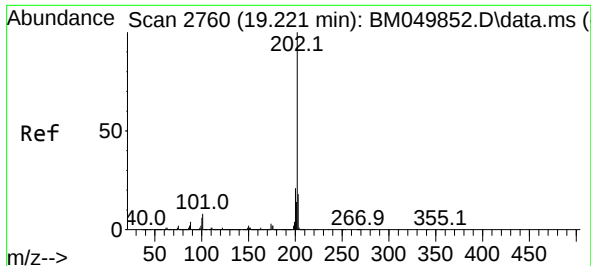
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.3 3.5 5.3

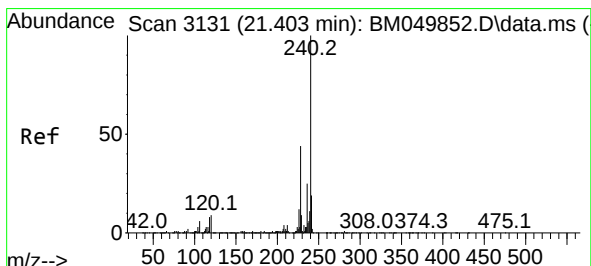
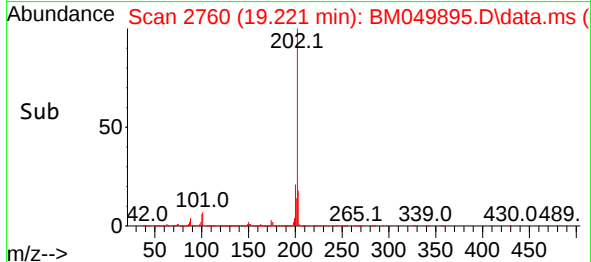
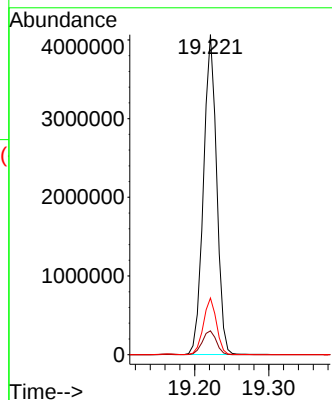
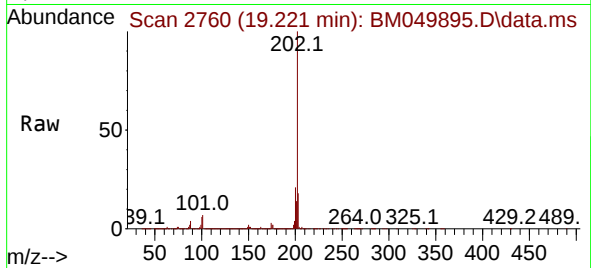




#75
Fluoranthene
Concen: 45.811 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

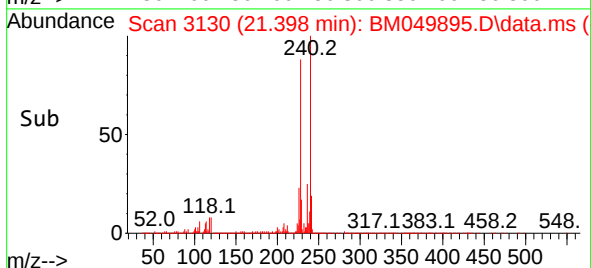
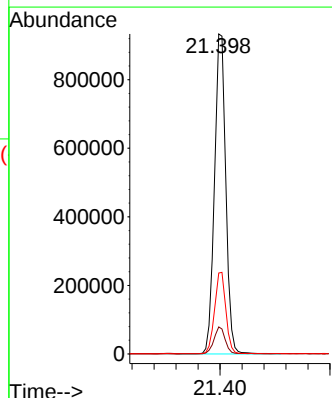
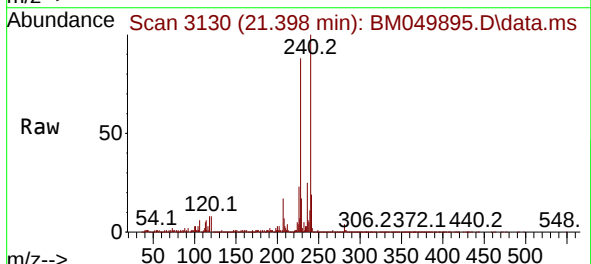
Instrument :
BNA_M
ClientSampleId :
PB167544BS

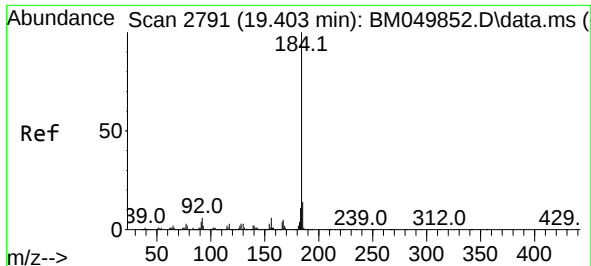
Tgt Ion:202 Resp: 5022697
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.4
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:240 Resp: 1335581
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.3 20.4 30.6

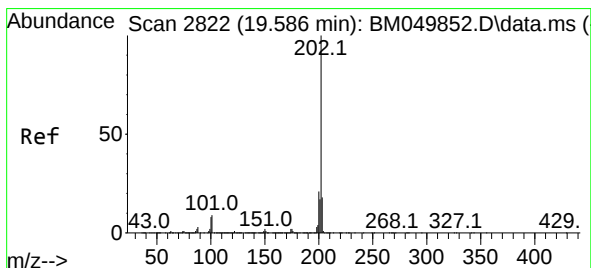
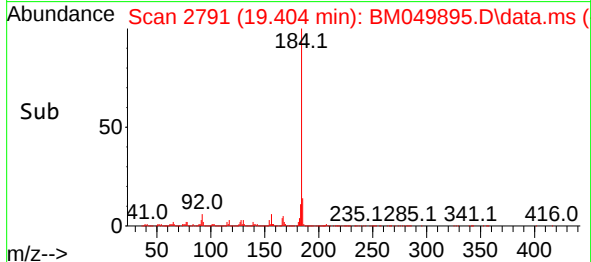
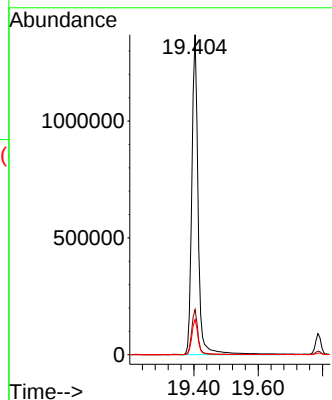
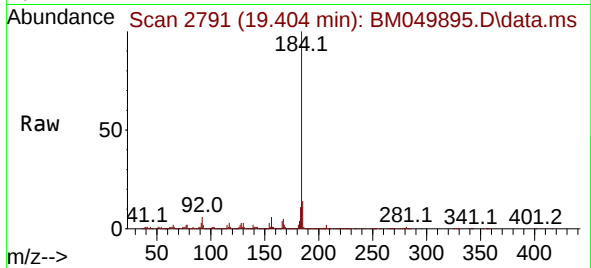




#77
Benzidine
Concen: 105.538 ng
RT: 19.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

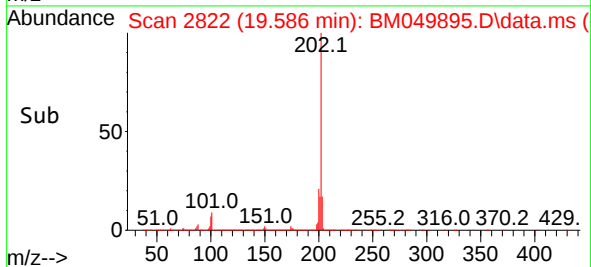
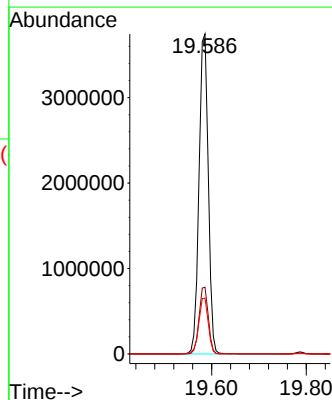
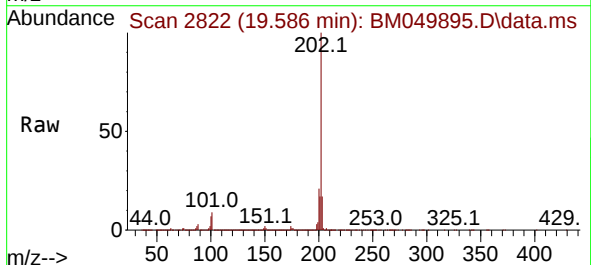
Instrument :
BNA_M
ClientSampleId :
PB167544BS

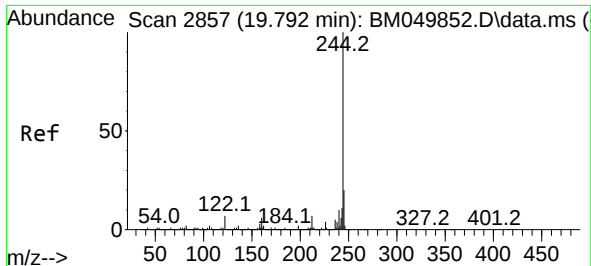
Tgt Ion:184 Resp: 1869956
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 11.0 8.8 13.2



#78
Pyrene
Concen: 55.298 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:202 Resp: 5089927
Ion Ratio Lower Upper
202 100
200 20.9 16.5 24.7
203 17.4 14.0 21.0

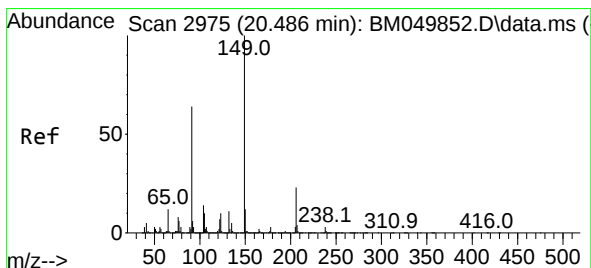
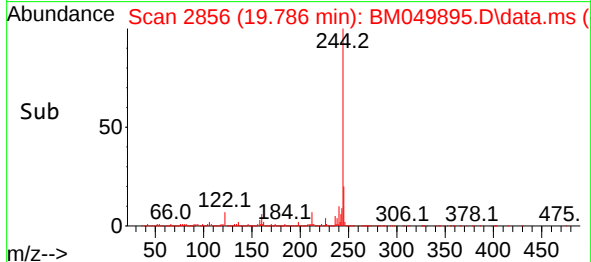
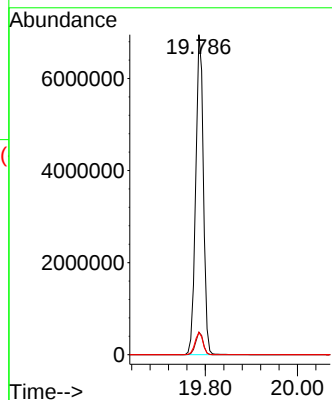
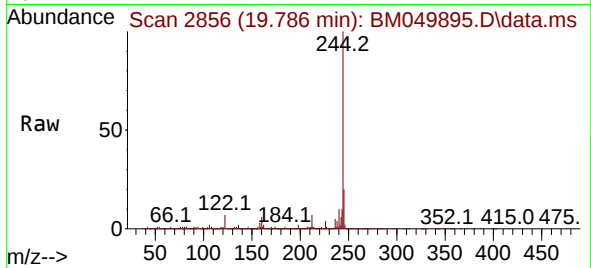




#79
 Terphenyl-d14
 Concen: 111.987 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.006 min
 Lab File: BM049895.D
 Acq: 11 Apr 2025 10:56

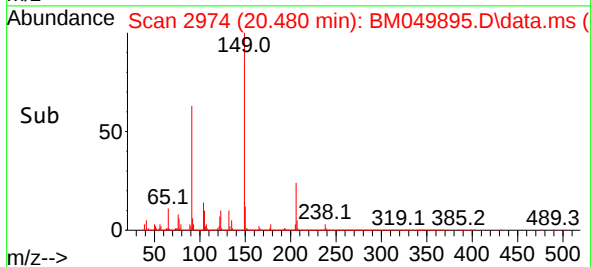
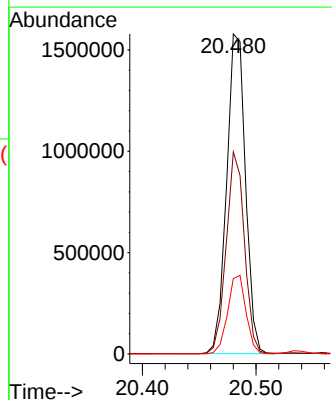
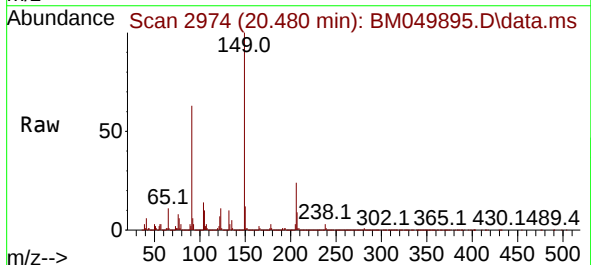
Instrument :
 BNA_M
 ClientSampleId :
 PB167544BS

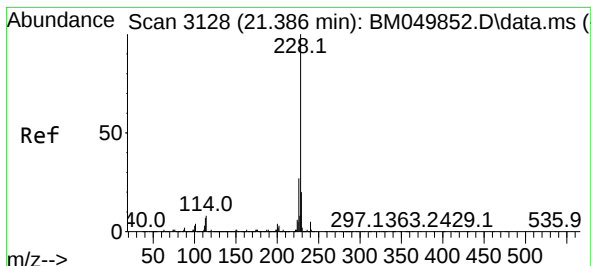
Tgt Ion:244 Resp: 7980954
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 6.9 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 52.714 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM049895.D
 Acq: 11 Apr 2025 10:56

Tgt Ion:149 Resp: 1823190
 Ion Ratio Lower Upper
 149 100
 91 63.1 50.9 76.3
 206 23.5 18.4 27.6





#81

Benzo(a)anthracene

Concen: 51.108 ng

RT: 21.380 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

Instrument :

BNA_M

ClientSampleId :

PB167544BS

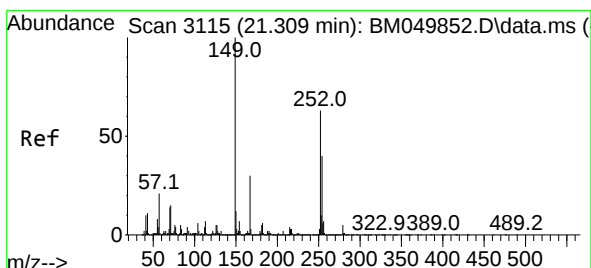
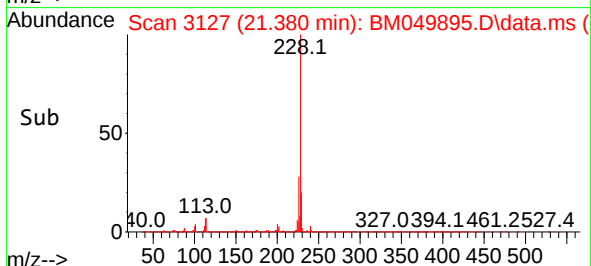
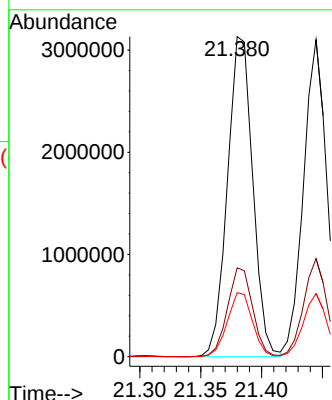
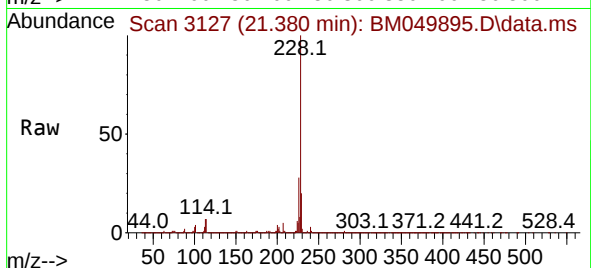
Tgt Ion:228 Resp: 4536466

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 27.323 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

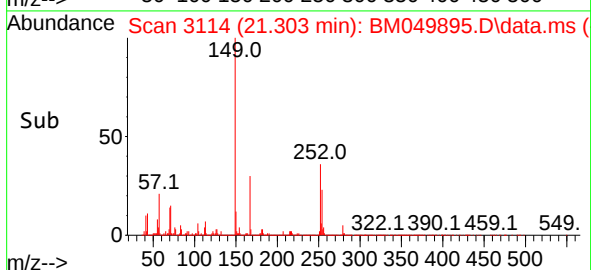
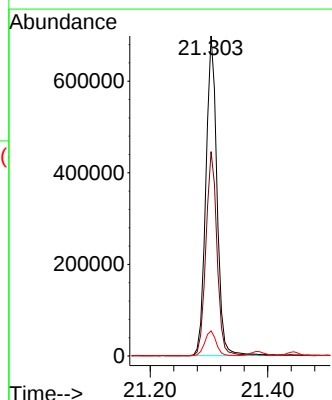
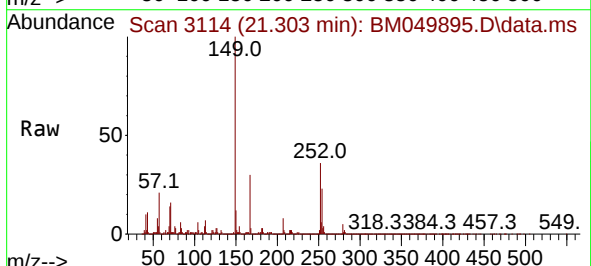
Tgt Ion:252 Resp: 915890

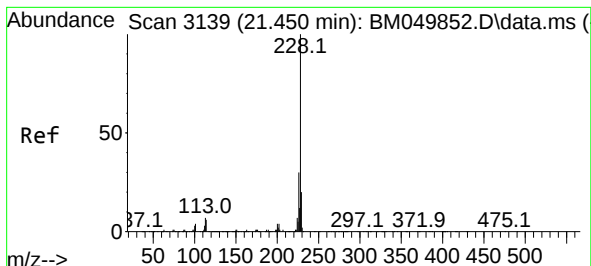
Ion Ratio Lower Upper

252 100

254 63.9 51.5 77.3

126 7.8 6.3 9.5





#83

Chrysene

Concen: 49.285 ng

RT: 21.445 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

Instrument :

BNA_M

ClientSampleId :

PB167544BS

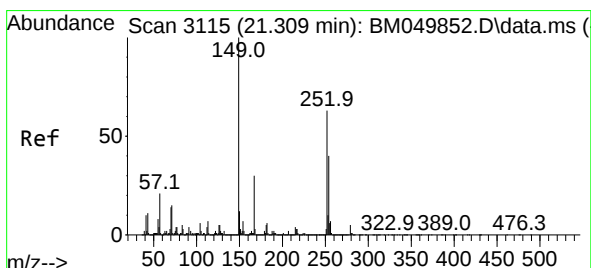
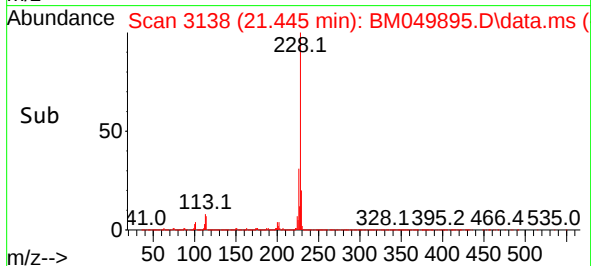
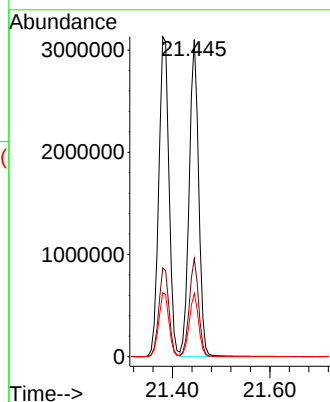
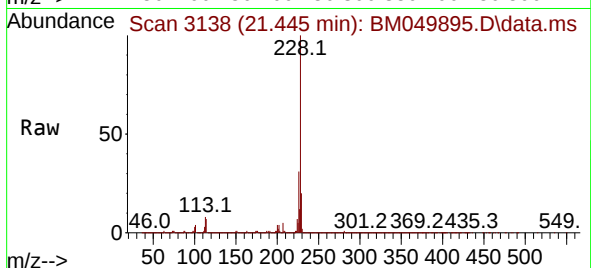
Tgt Ion:228 Resp: 4159012

Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.106 ng

RT: 21.309 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

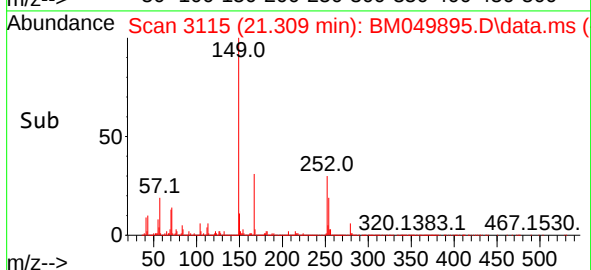
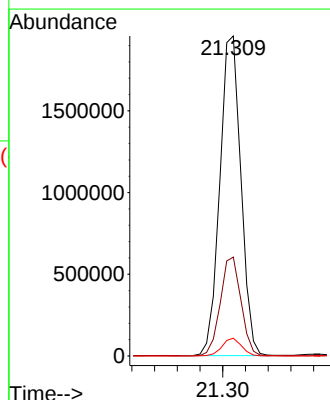
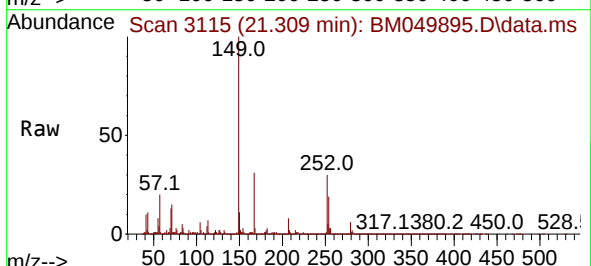
Tgt Ion:149 Resp: 2524889

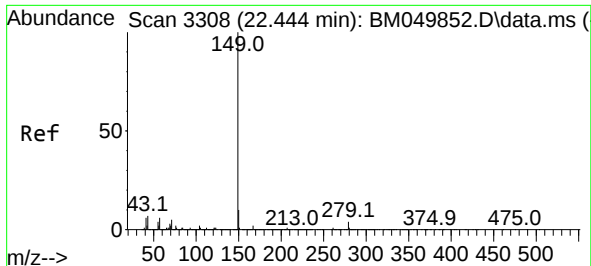
Ion Ratio Lower Upper

149 100

167 30.9 23.8 35.6

279 5.6 3.8 5.8

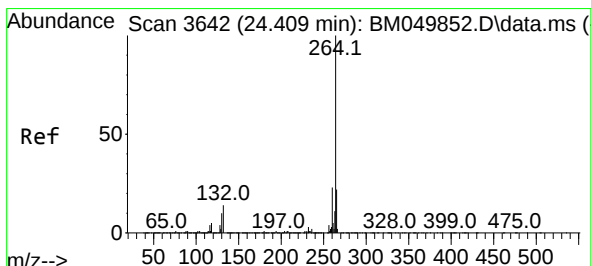
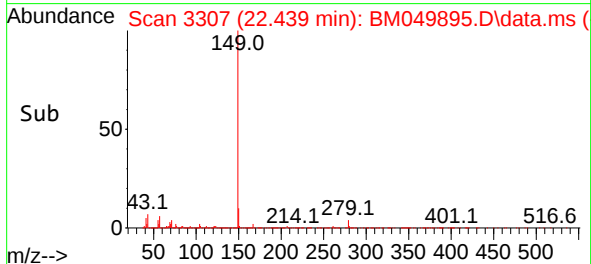
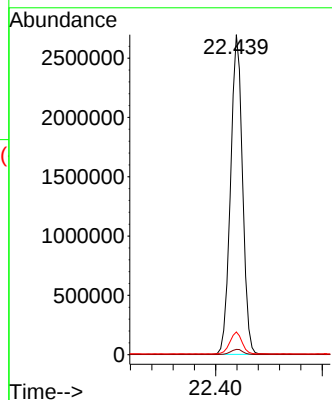
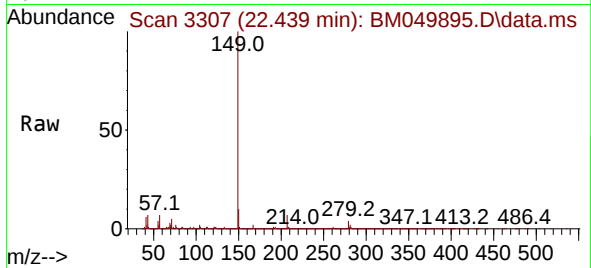




#85
Di-n-octyl phthalate
Concen: 47.757 ng
RT: 22.439 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

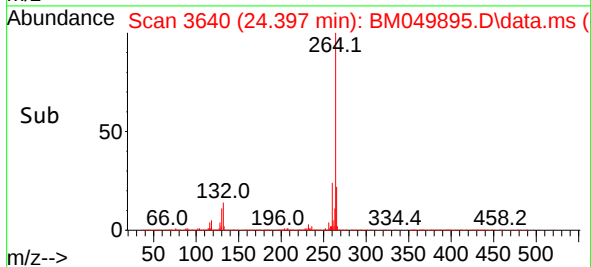
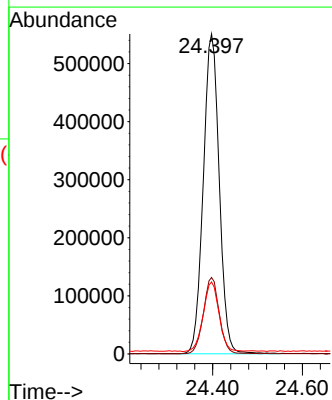
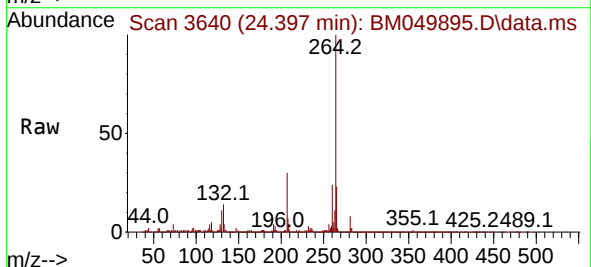
Instrument :
BNA_M
ClientSampleId :
PB167544BS

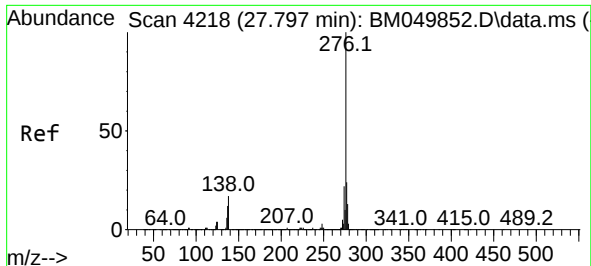
Tgt Ion:149 Resp: 4210062
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.9 5.8 8.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.012 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:264 Resp: 1358357
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.5 17.8 26.8

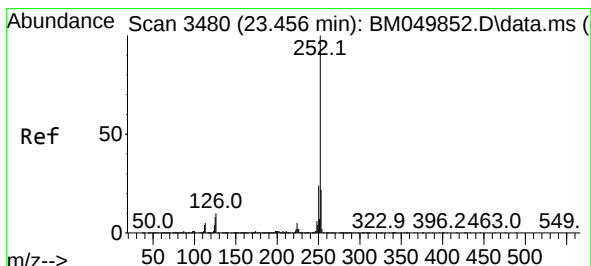
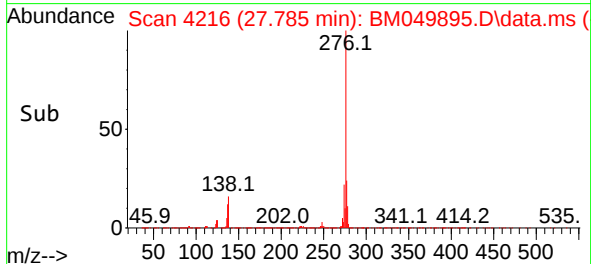
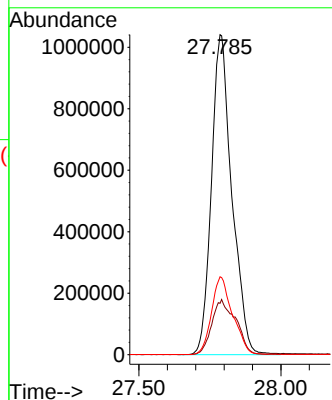
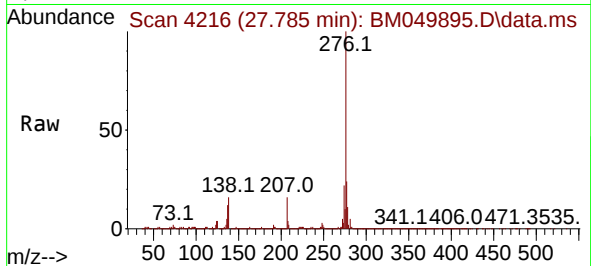




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.334 ng
RT: 27.785 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

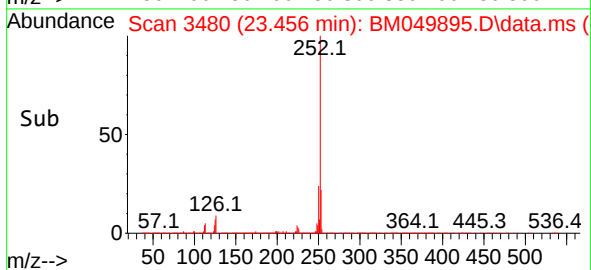
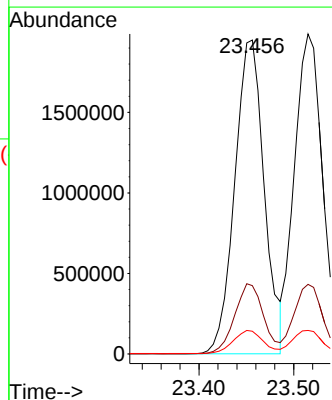
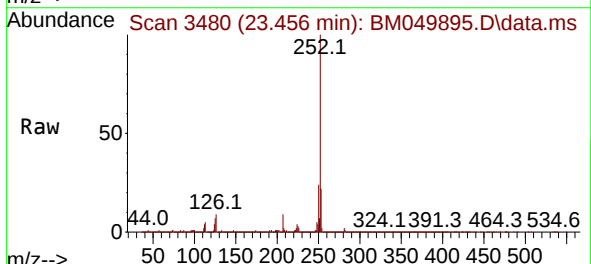
Instrument :
BNA_M
ClientSampleId :
PB167544BS

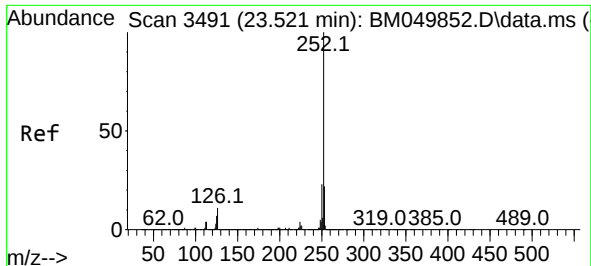
Tgt Ion:276 Resp: 5197740
Ion Ratio Lower Upper
276 100
138 20.2 16.8 25.2
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 48.579 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.000 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:252 Resp: 4214364
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 7.2 6.2 9.4

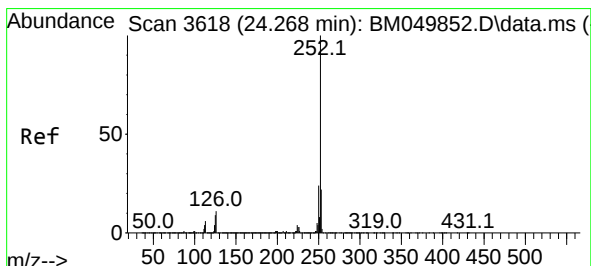
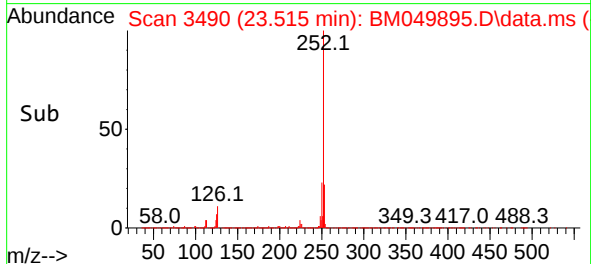
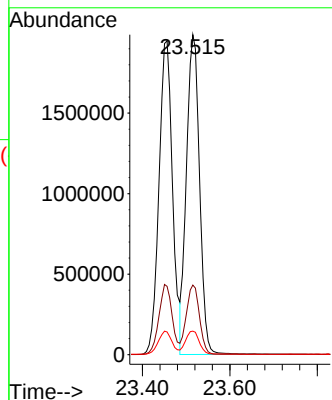
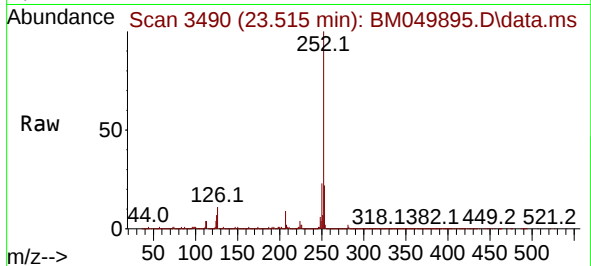




#89
Benzo(k)fluoranthene
Concen: 48.965 ng
RT: 23.515 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

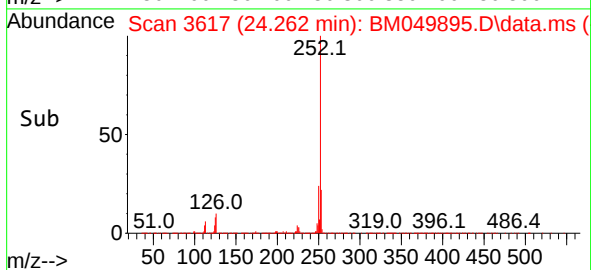
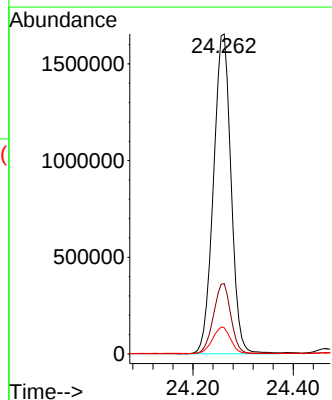
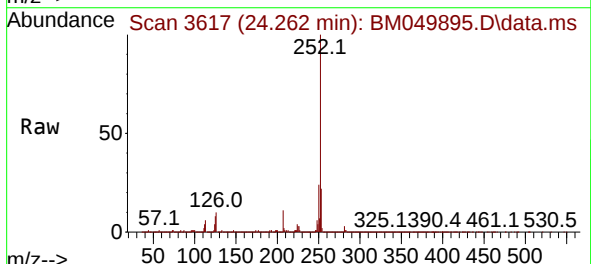
Instrument :
BNA_M
ClientSampleId :
PB167544BS

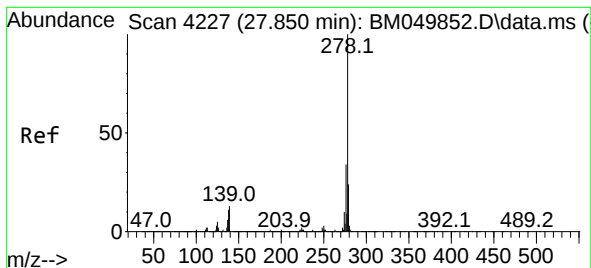
Tgt Ion:252 Resp: 4116495
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.3 5.8 8.8



#90
Benzo(a)pyrene
Concen: 52.718 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM049895.D
Acq: 11 Apr 2025 10:56

Tgt Ion:252 Resp: 4018826
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.2 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 50.933 ng

RT: 27.844 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

Instrument :

BNA_M

ClientSampleId :

PB167544BS

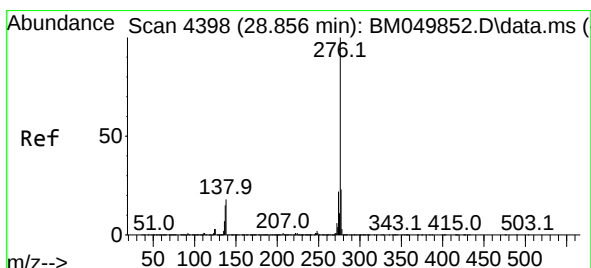
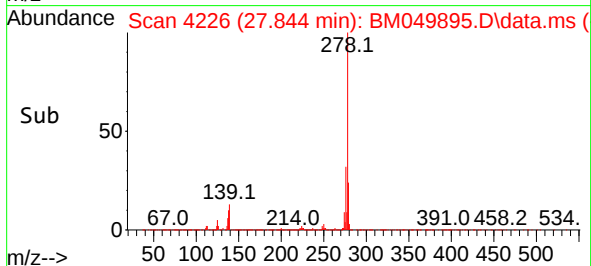
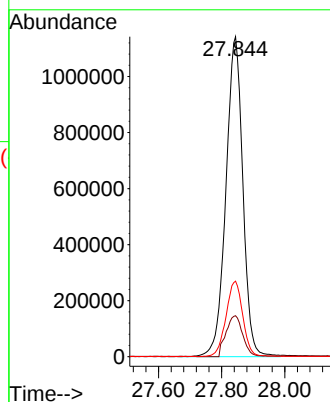
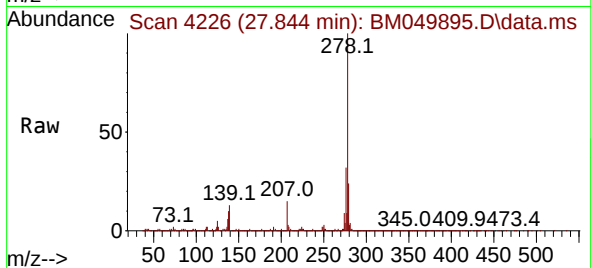
Tgt Ion:278 Resp: 4247908

Ion Ratio Lower Upper

278 100

139 12.8 10.6 15.8

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 49.231 ng

RT: 28.844 min Scan# 4396

Delta R.T. -0.012 min

Lab File: BM049895.D

Acq: 11 Apr 2025 10:56

Tgt Ion:276 Resp: 4195721

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 17.4 14.6 21.8

