

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
 Data File : BM049950.D
 Acq On : 16 Apr 2025 13:24
 Operator : RC/JU
 Sample : PB167598BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167598BS

Quant Time: Apr 16 14:10:31 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	7.769	152	328690	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1107088	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	681687	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1299345	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1300650	20.000	ng	0.00
86) Perylene-d12	24.403	264	1417881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2409548	124.482	ng	0.00
7) Phenol-d6	6.951	99	2895512	120.230	ng	0.00
23) Nitrobenzene-d5	8.928	82	1691031	85.057	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1333296	134.467	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4325526	86.043	ng	-0.01
79) Terphenyl-d14	19.786	244	6733933	97.026	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	290046	36.384	ng	98
3) Pyridine	3.652	79	789232	37.682	ng	99
4) n-Nitrosodimethylamine	3.563	42	336902	42.268	ng	97
6) Aniline	7.099	93	617992	29.947	ng	99
8) 2-Chlorophenol	7.340	128	867532	43.733	ng	99
9) Benzaldehyde	6.910	77	315600	25.537	ng	98
10) Phenol	6.975	94	1013936	43.143	ng	100
11) bis(2-Chloroethyl)ether	7.193	93	811135	44.012	ng	99
12) 1,3-Dichlorobenzene	7.657	146	1012058	43.153	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1025269	43.447	ng	99
14) 1,2-Dichlorobenzene	8.122	146	981316	44.150	ng	99
15) Benzyl Alcohol	8.010	79	649036	42.797	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	942990	45.906	ng	99
17) 2-Methylphenol	8.222	107	653714	45.137	ng	99
18) Hexachloroethane	8.845	117	358731	43.694	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	575933	43.178	ng	99
20) 3+4-Methylphenols	8.551	107	872743	44.201	ng	99
22) Acetophenone	8.593	105	1162861	43.220	ng	# 99
24) Nitrobenzene	8.969	77	835313	43.634	ng	98
25) Isophorone	9.498	82	1539895	46.236	ng	99
26) 2-Nitrophenol	9.681	139	446593	44.014	ng	99
27) 2,4-Dimethylphenol	9.745	122	724666	63.021	ng	98
28) bis(2-Chloroethoxy)met...	9.975	93	967878	43.409	ng	99
29) 2,4-Dichlorophenol	10.222	162	819098	42.853	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	960062	43.418	ng	99
31) Naphthalene	10.616	128	2376409	41.775	ng	100
32) Benzoic acid	9.892	122	412318	32.321	ng	97
33) 4-Chloroaniline	10.734	127	396058	19.717	ng	100
34) Hexachlorobutadiene	10.898	225	610061	44.602	ng	99
35) Caprolactam	11.510	113	222755	40.633	ng	98
36) 4-Chloro-3-methylphenol	11.869	107	705388	42.130	ng	99
37) 2-Methylnaphthalene	12.228	142	1531079	38.200	ng	100
38) 1-Methylnaphthalene	12.451	142	1608872	41.203	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1055879	44.274	ng	99
41) Hexachlorocyclopentadiene	12.581	237	1376815	164.756	ng	98
43) 2,4,6-Trichlorophenol	12.845	196	682307	44.961	ng	100

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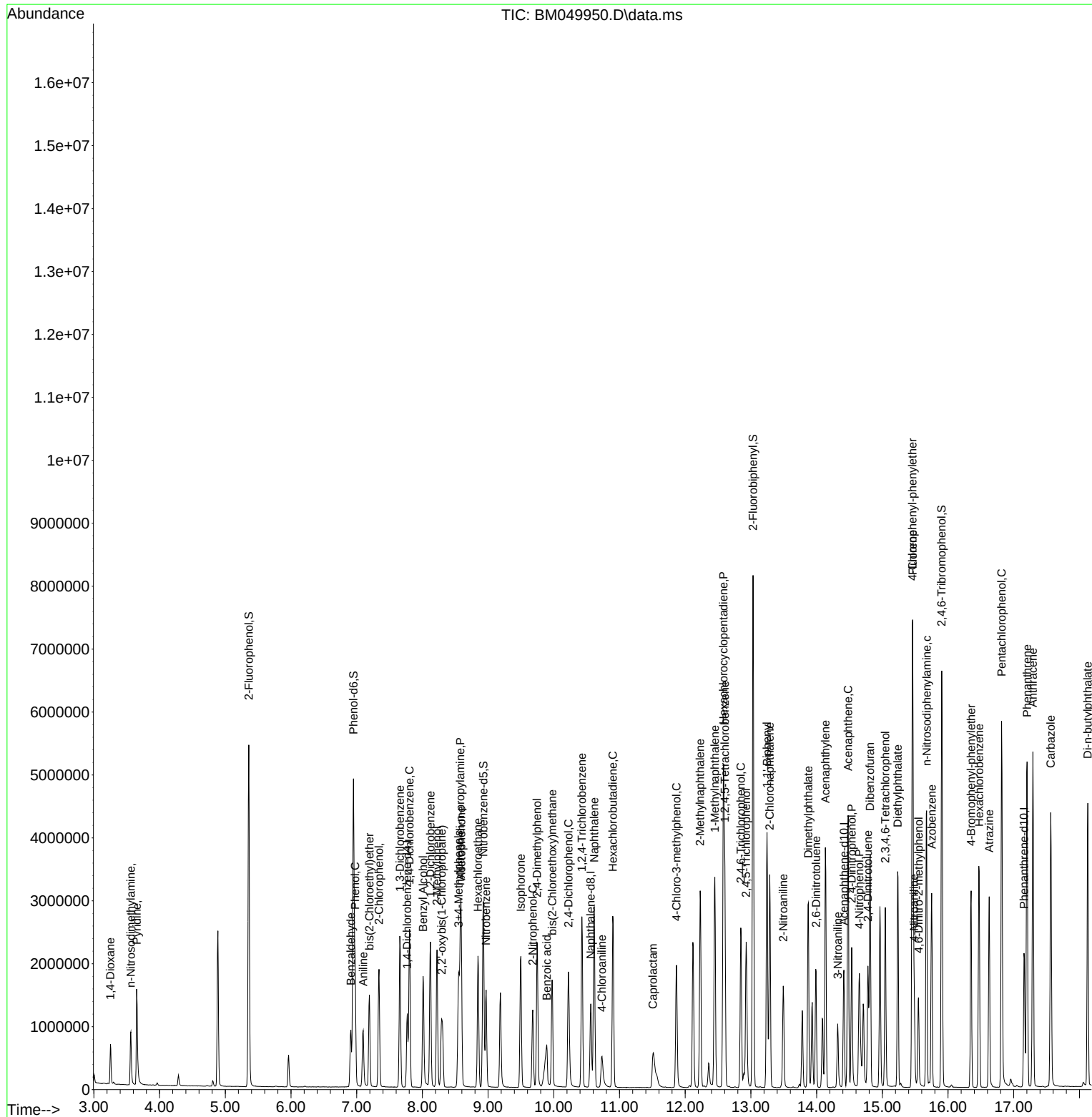
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	736887	44.683	ng	99
46) 1,1'-Biphenyl	13.245	154	2197752	43.370	ng	99
47) 2-Chloronaphthalene	13.286	162	1745790	43.832	ng	99
48) 2-Nitroaniline	13.492	65	422608	45.864	ng	98
49) Acenaphthylene	14.133	152	2730196	47.058	ng	100
50) Dimethylphthalate	13.875	163	2083167	43.316	ng	100
51) 2,6-Dinitrotoluene	13.992	165	454747	45.132	ng	97
52) Acenaphthene	14.480	154	1572168	42.602	ng	99
53) 3-Nitroaniline	14.322	138	282489	29.008	ng	97
54) 2,4-Dinitrophenol	14.533	184	588109	80.544	ng	98
55) Dibenzofuran	14.816	168	2557487	41.455	ng	99
56) 4-Nitrophenol	14.651	139	775812	89.398	ng	99
57) 2,4-Dinitrotoluene	14.780	165	633398	47.120	ng	98
58) Fluorene	15.463	166	2135573	43.549	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	621241	42.979	ng	98
60) Diethylphthalate	15.233	149	1932936	41.911	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1144350	43.526	ng	99
62) 4-Nitroaniline	15.486	138	448788	44.563	ng	99
63) Azobenzene	15.751	77	1640016	41.535	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	379058	46.295	ng	98
66) n-Nitrosodiphenylamine	15.674	169	1785440	45.916	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	687622	45.587	ng	97
68) Hexachlorobenzene	16.474	284	796653	46.045	ng	99
69) Atrazine	16.627	200	621197	61.614	ng	98
70) Pentachlorophenol	16.816	266	1108006	86.986	ng	99
71) Phenanthrene	17.204	178	3249787	45.621	ng	99
72) Anthracene	17.292	178	3323653	47.345	ng	100
73) Carbazole	17.563	167	2998862	45.354	ng	99
74) Di-n-butylphthalate	18.127	149	3306467	43.416	ng	100
75) Fluoranthene	19.221	202	3887240	44.382	ng	99
77) Benzidine	19.404	184	1558107	90.299	ng	100
78) Pyrene	19.580	202	4055477	45.243	ng	99
80) Butylbenzylphthalate	20.480	149	1498435	44.488	ng	99
81) Benzo(a)anthracene	21.380	228	4056115	46.924	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	1087192	33.305	ng	100
83) Chrysene	21.445	228	3729136	45.378	ng	100
84) Bis(2-ethylhexyl)phtha...	21.303	149	2120824	43.217	ng	99
85) Di-n-octyl phthalate	22.433	149	3672100	42.773	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	5060750	47.883	ng	99
88) Benzo(b)fluoranthene	23.456	252	3977755	43.927	ng	99
89) Benzo(k)fluoranthene	23.521	252	4015062	45.754	ng	100
90) Benzo(a)pyrene	24.262	252	3911108	49.151	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	4139162	47.546	ng	99
92) Benzo(g,h,i)perylene	28.856	276	4063103	45.674	ng	99

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

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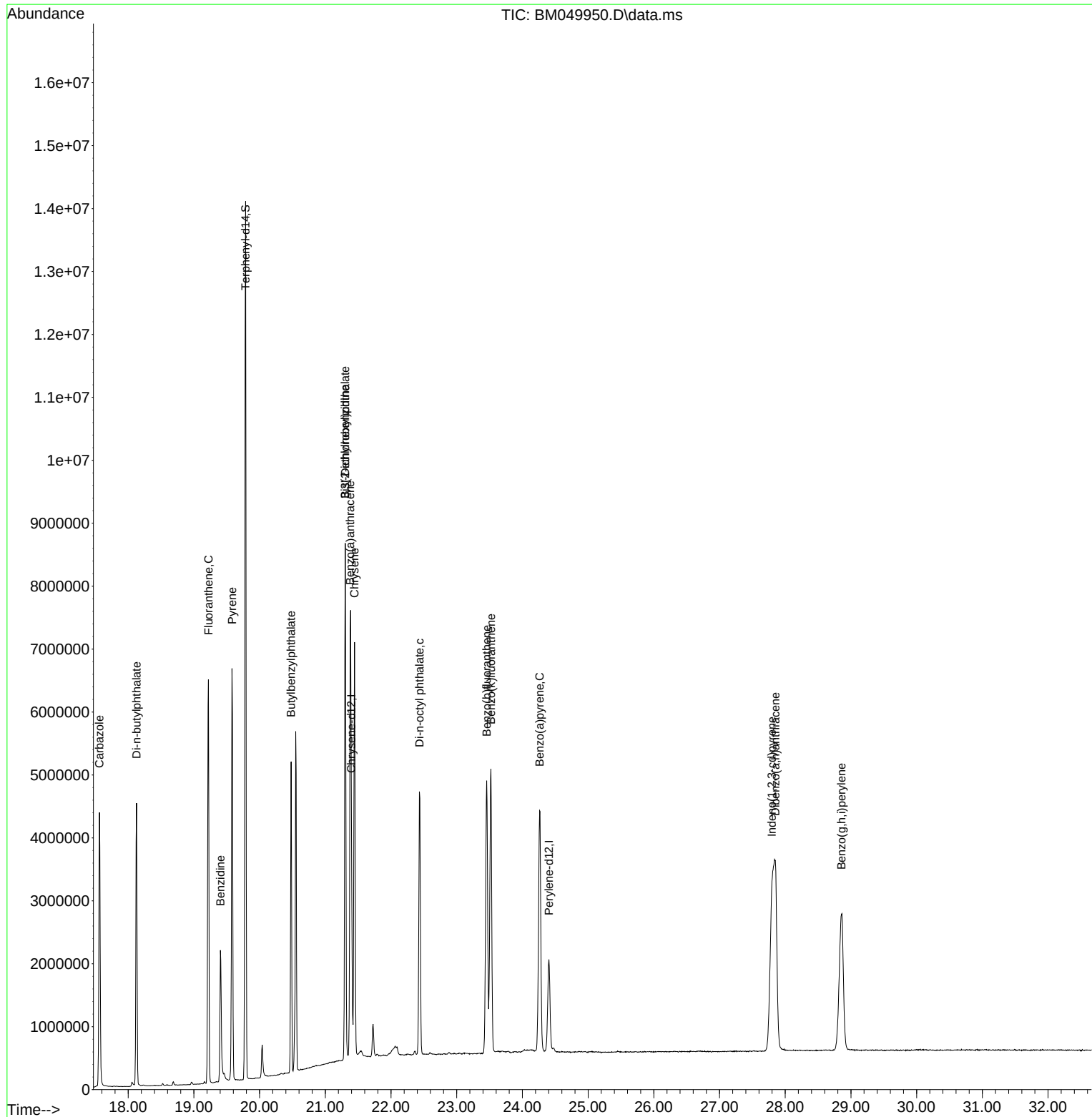
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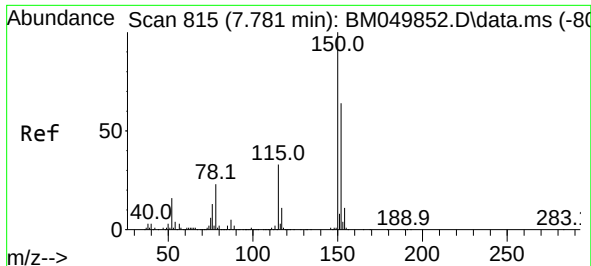


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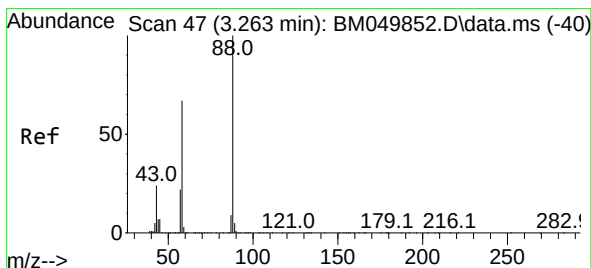
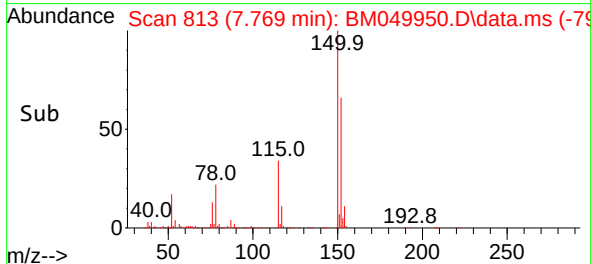
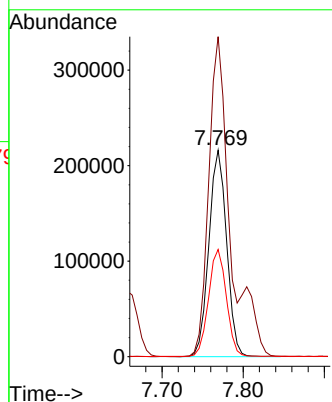
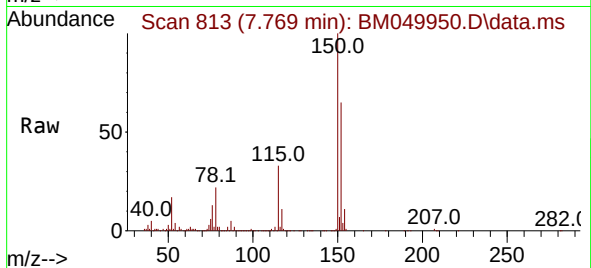




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

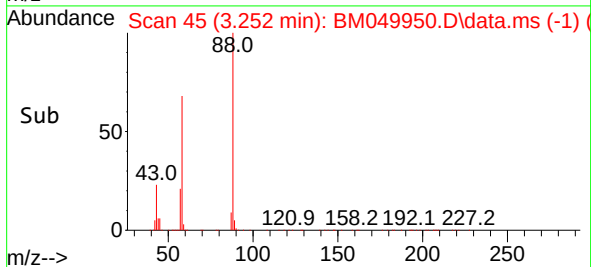
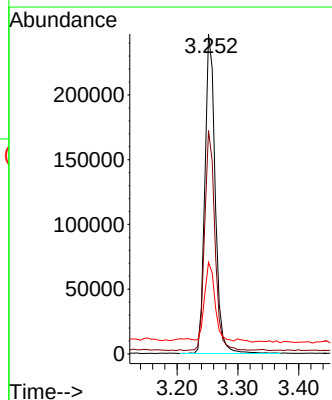
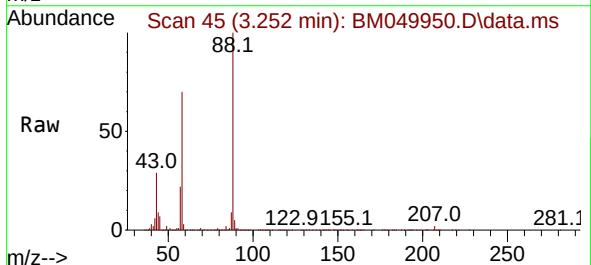
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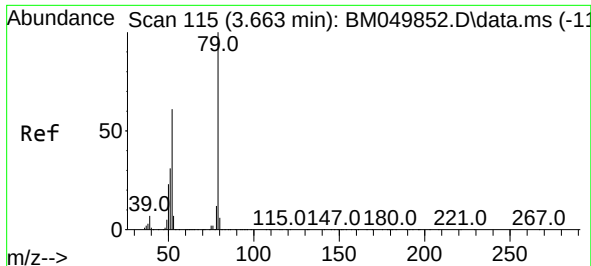
Tgt Ion:152 Resp: 328690
Ion Ratio Lower Upper
152 100
150 155.0 124.3 186.5
115 51.9 41.1 61.7



#2
1,4-Dioxane
Concen: 36.384 ng
RT: 3.252 min Scan# 45
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion: 88 Resp: 290046
Ion Ratio Lower Upper
88 100
58 68.9 54.1 81.1
43 24.3 20.2 30.4





#3

Pyridine

Concen: 37.682 ng

RT: 3.652 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

PB167598BS

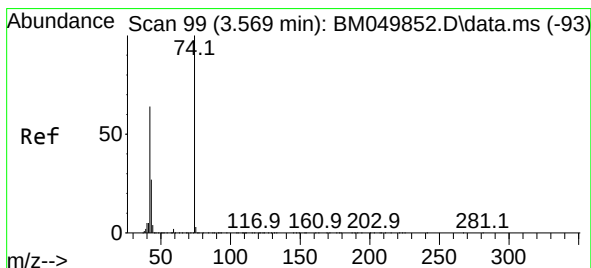
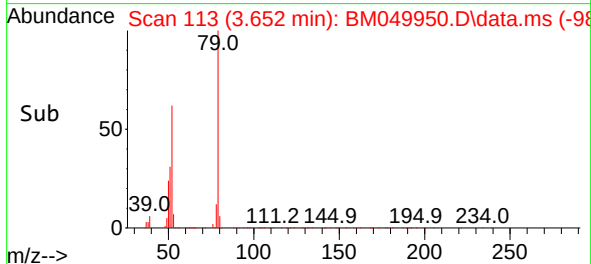
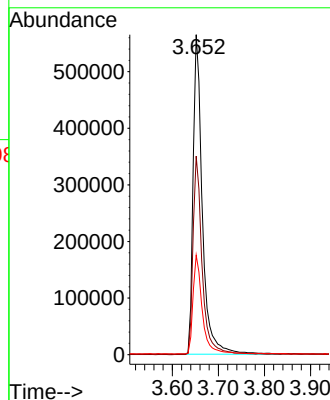
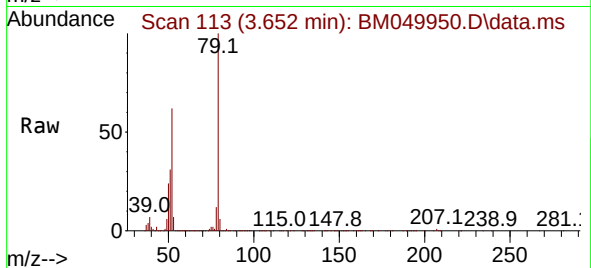
Tgt Ion: 79 Resp: 789232

Ion Ratio Lower Upper

79 100

52 62.0 48.9 73.3

51 31.1 25.0 37.6



#4

n-Nitrosodimethylamine

Concen: 42.268 ng

RT: 3.563 min Scan# 98

Delta R.T. -0.006 min

Lab File: BM049950.D

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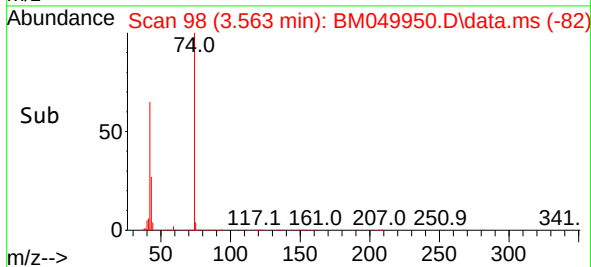
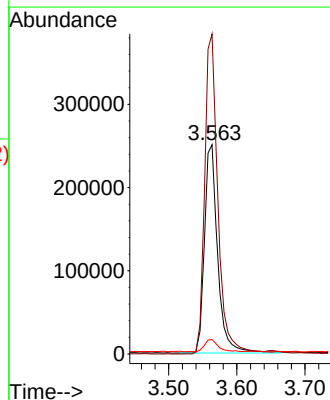
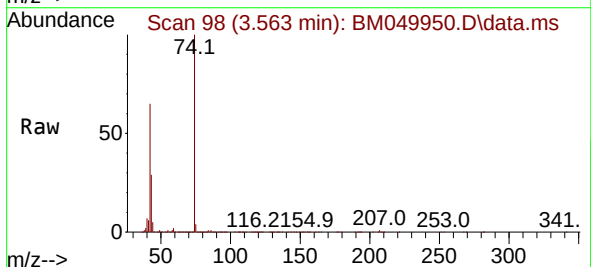
Tgt Ion: 42 Resp: 336902

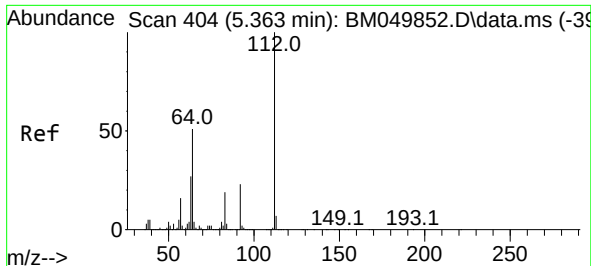
Ion Ratio Lower Upper

42 100

74 152.9 125.4 188.2

44 6.9 5.9 8.9

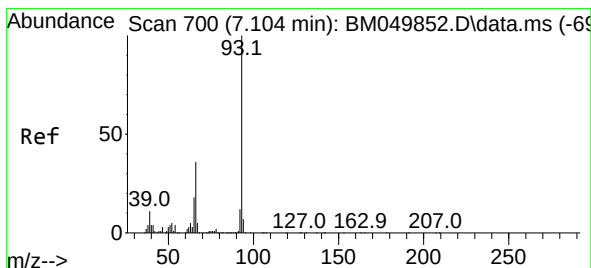
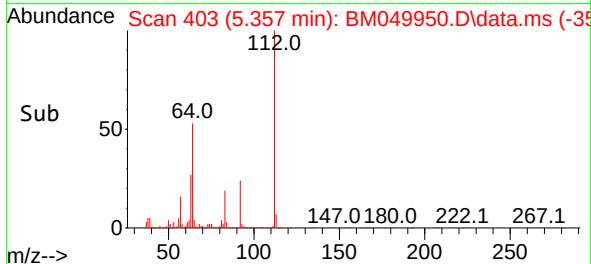
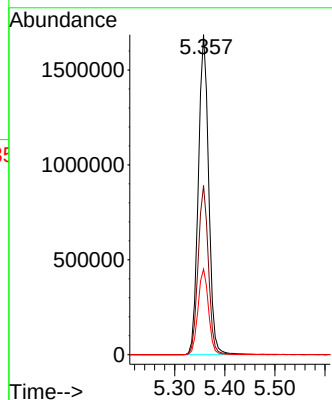
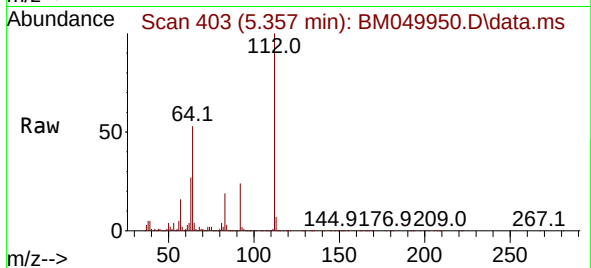




#5
2-Fluorophenol
Concen: 124.482 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM049950.D
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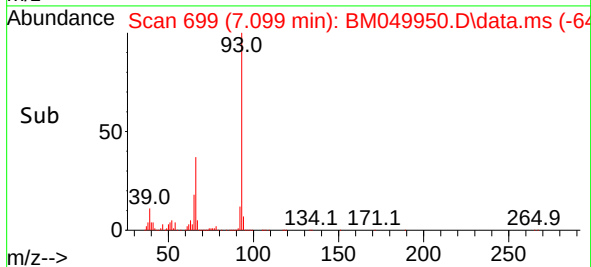
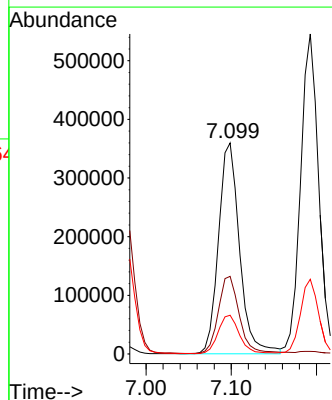
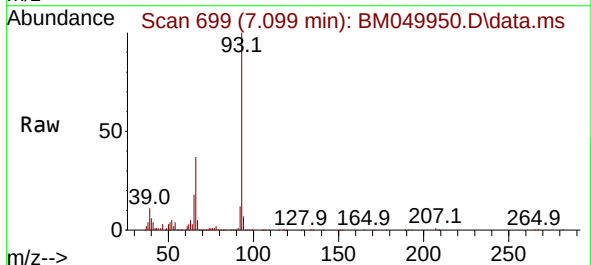
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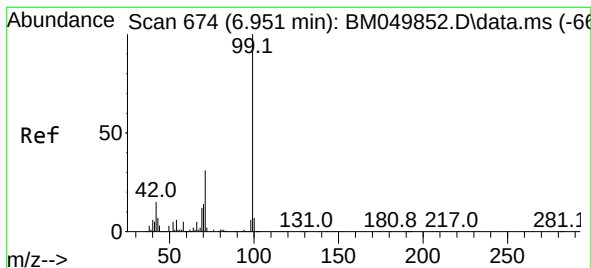
Tgt Ion:112 Resp: 2409548
Ion Ratio Lower Upper
112 100
64 52.8 41.0 61.6
63 26.7 21.5 32.3



#6
Aniline
Concen: 29.947 ng
RT: 7.099 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion: 93 Resp: 617992
Ion Ratio Lower Upper
93 100
66 36.8 29.1 43.7
65 18.4 14.9 22.3





#7

Phenol-d6

Concen: 120.230 ng

RT: 6.951 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

PB167598BS

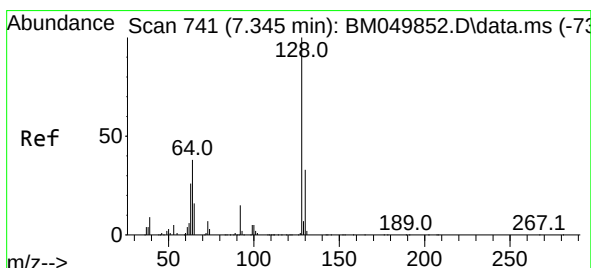
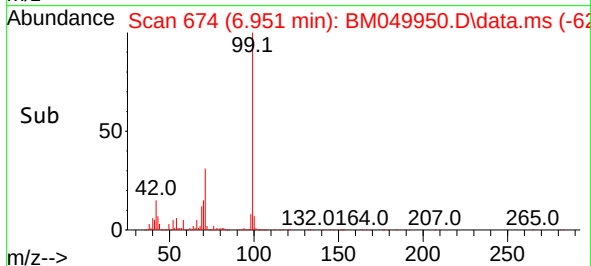
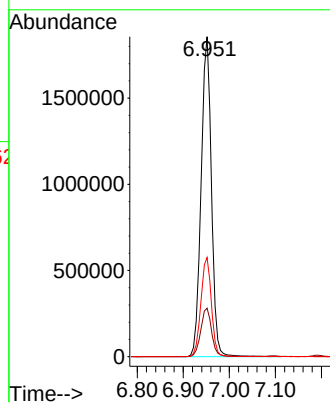
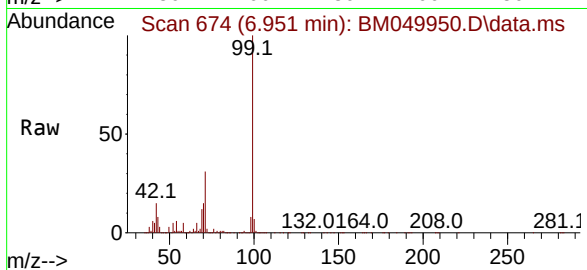
Tgt Ion: 99 Resp: 2895512

Ion Ratio Lower Upper

99 100

42 15.2 12.1 18.1

71 31.0 24.9 37.3



#8

2-Chlorophenol

Concen: 43.733 ng

RT: 7.340 min Scan# 740

Delta R.T. -0.006 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

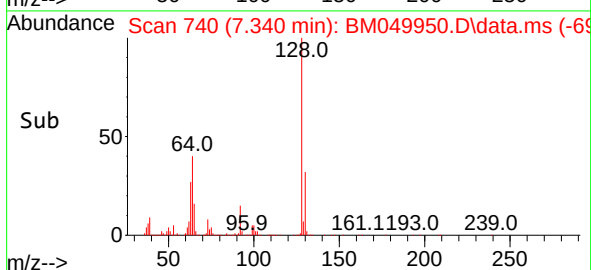
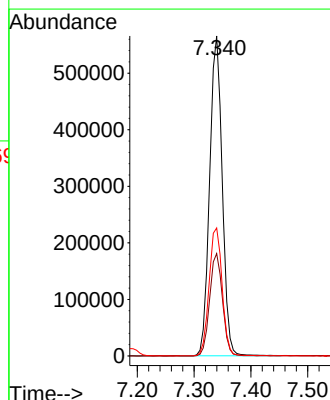
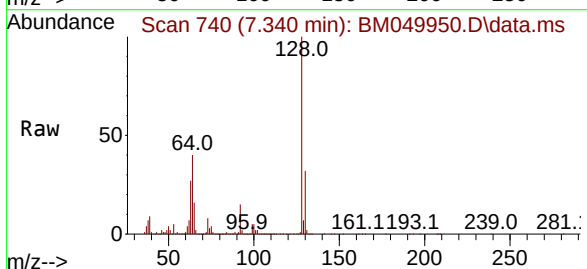
Tgt Ion: 128 Resp: 867532

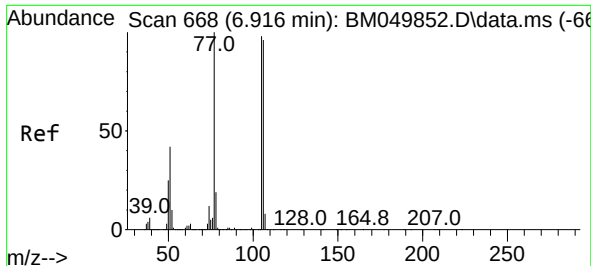
Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

64 40.0 21.1 61.1

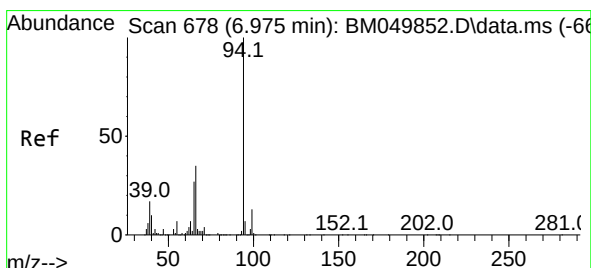
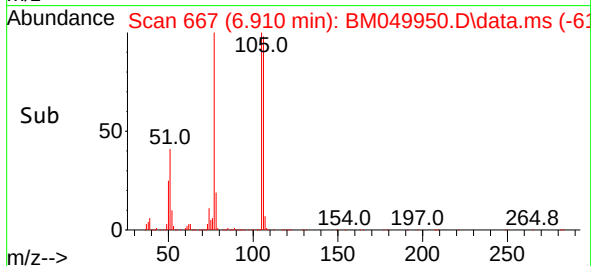
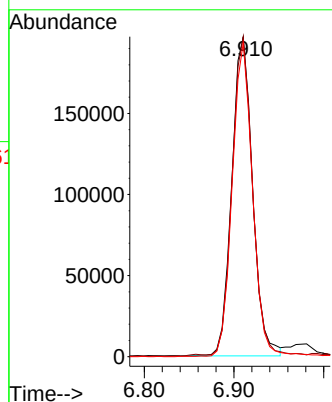
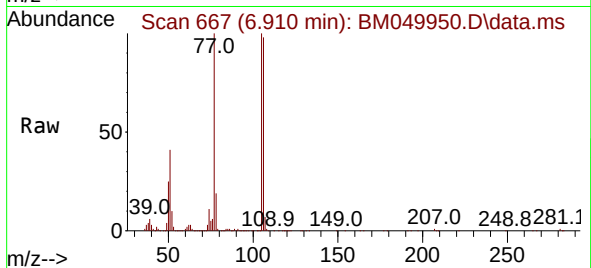




#9
Benzaldehyde
Concen: 25.537 ng
RT: 6.910 min Scan# 668
Delta R.T. -0.006 min
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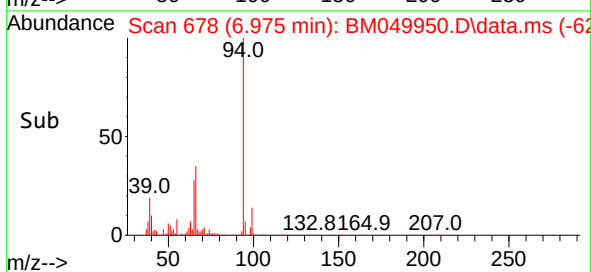
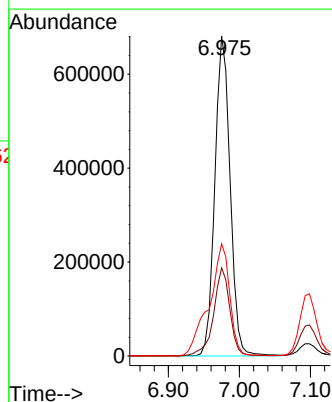
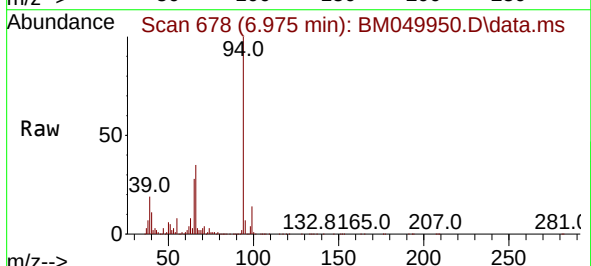
Instrument :
BNA_M
ClientSampleId :
PB167598BS

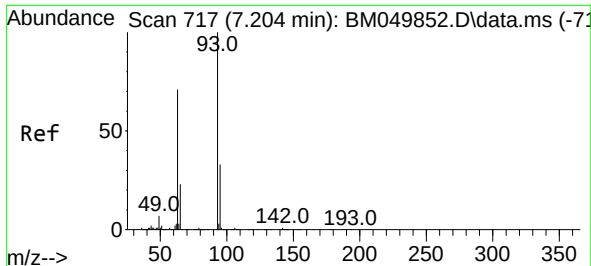
Tgt Ion: 77 Resp: 315600
Ion Ratio Lower Upper
77 100
105 100.2 78.3 118.3
106 98.3 76.0 116.0



#10
Phenol
Concen: 43.143 ng
RT: 6.975 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion: 94 Resp: 1013936
Ion Ratio Lower Upper
94 100
65 27.5 7.3 47.3
66 35.1 14.8 54.8

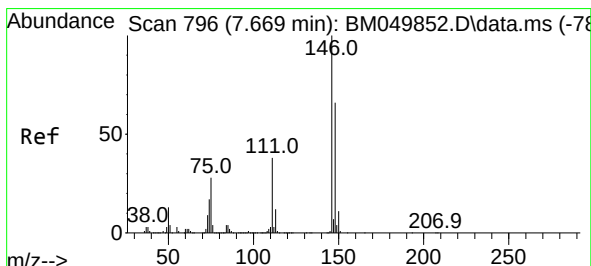
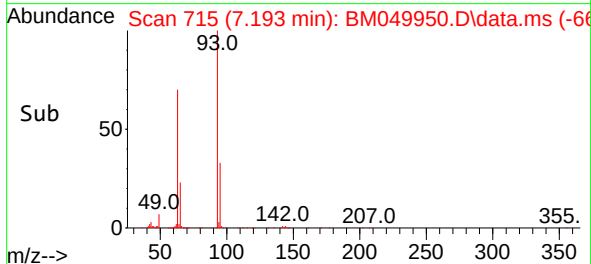
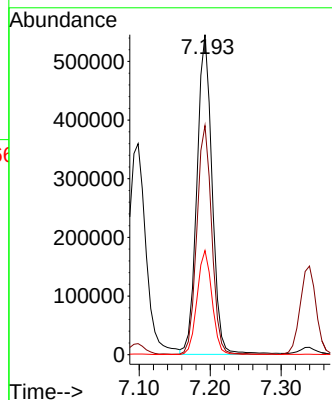
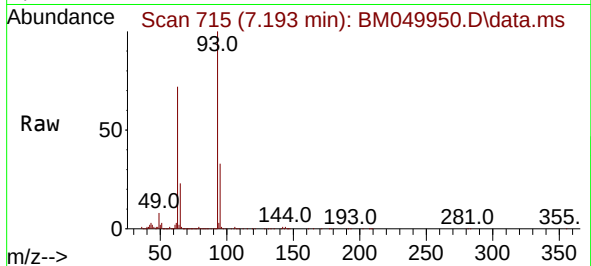




#11
bis(2-Chloroethyl)ether
Concen: 44.012 ng
RT: 7.193 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

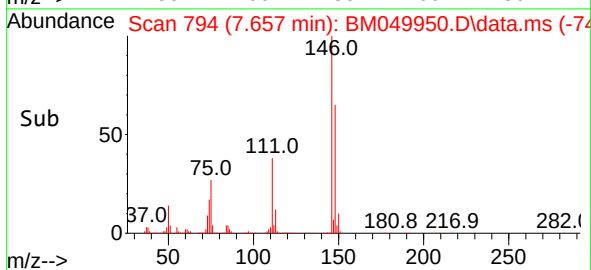
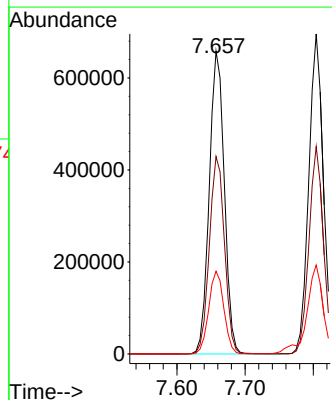
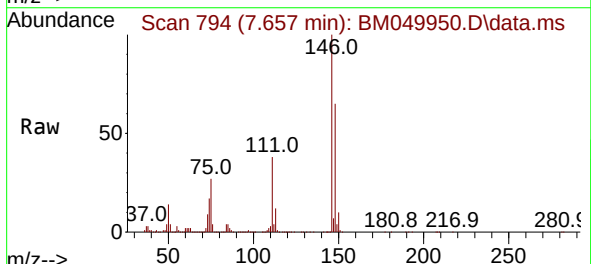
Instrument :
BNA_M
ClientSampleId :
PB167598BS

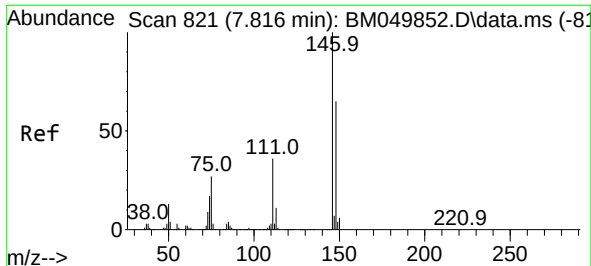
Tgt Ion: 93 Resp: 811135
Ion Ratio Lower Upper
93 100
63 71.6 50.9 90.9
95 32.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.153 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion: 146 Resp: 1012058
Ion Ratio Lower Upper
146 100
148 65.2 52.5 78.7
75 27.3 22.5 33.7



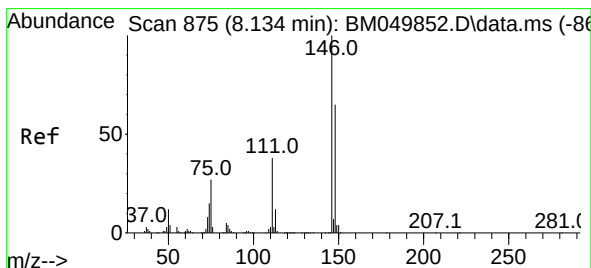
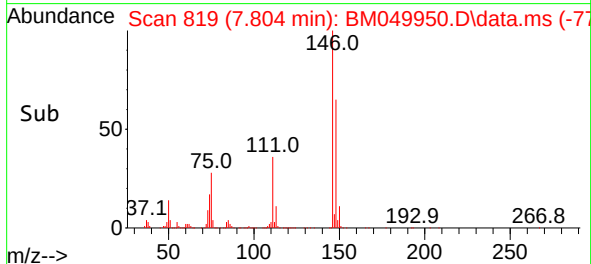
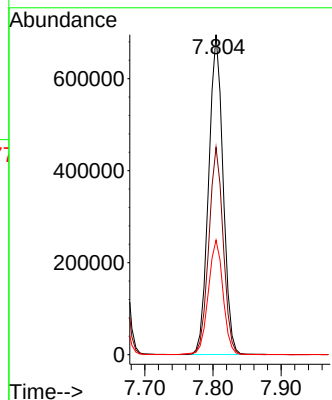
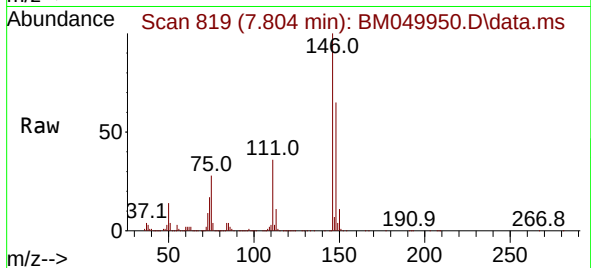


#13
 1,4-Dichlorobenzene
 Concen: 43.447 ng
 RT: 7.804 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM049950.D
 Acq: 16 Apr 2025 13:24

Instrument :
 BNA_M
 ClientSampleId :
 PB167598BS

Tgt Ion:146 Resp: 1025269

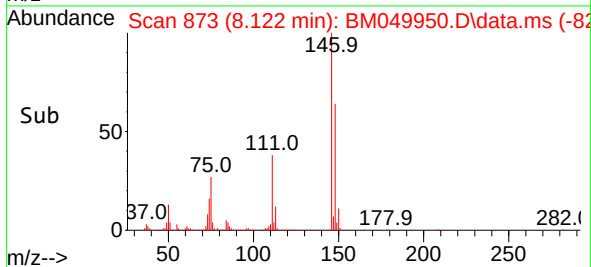
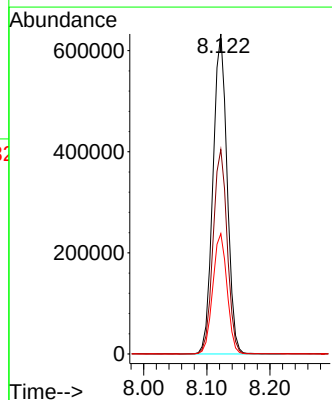
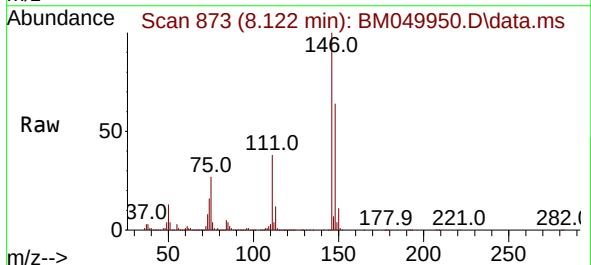
Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.4	78.6
111	35.8	28.5	42.7

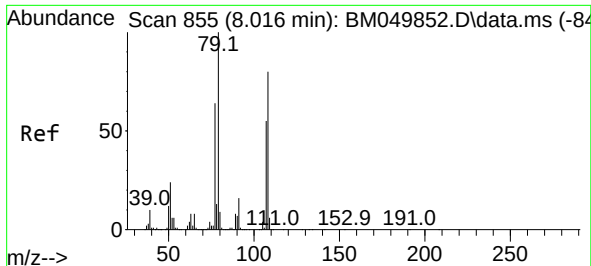


#14
 1,2-Dichlorobenzene
 Concen: 44.150 ng
 RT: 8.122 min Scan# 873
 Delta R.T. -0.012 min
 Lab File: BM049950.D
 Acq: 16 Apr 2025 13:24

Tgt Ion:146 Resp: 981316

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
111	37.6	30.2	45.4

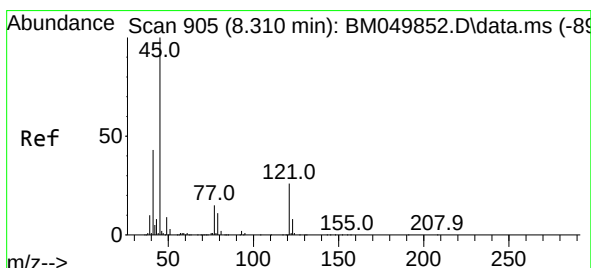
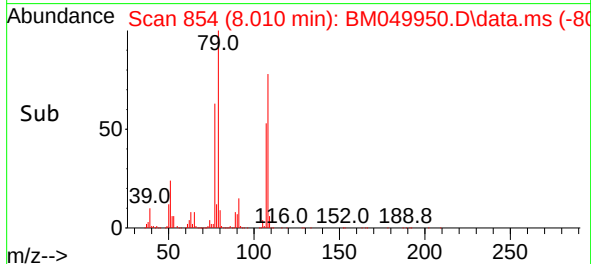
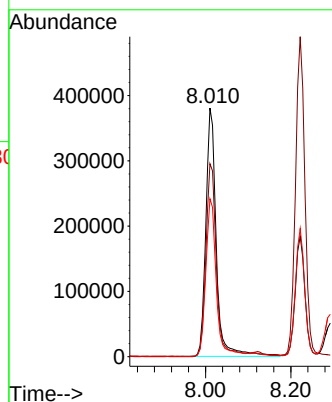
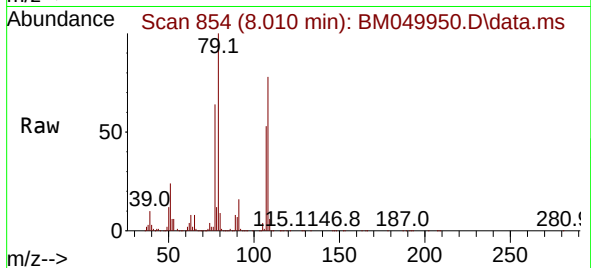




#15
Benzyl Alcohol
Concen: 42.797 ng
RT: 8.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

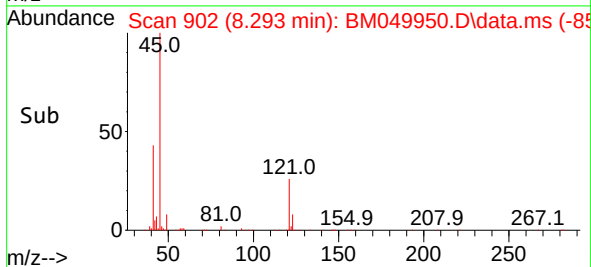
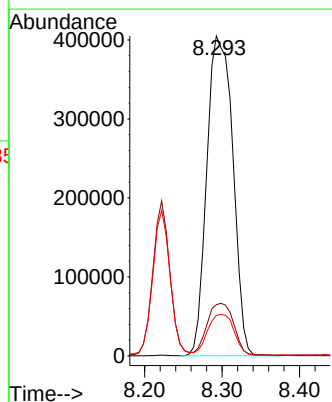
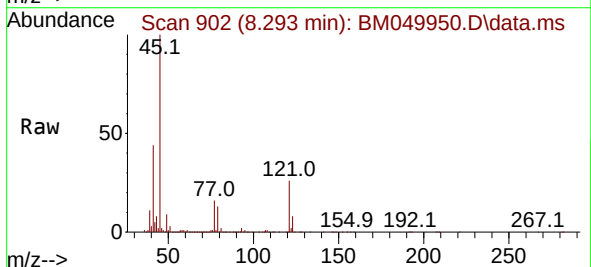
Instrument :
BNA_M
ClientSampleId :
PB167598BS

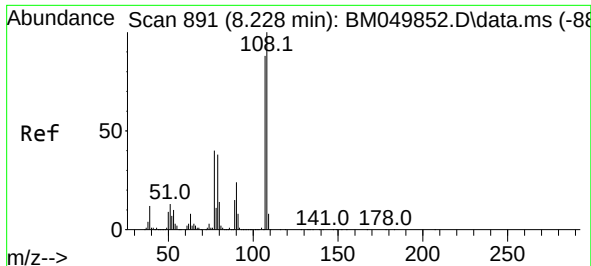
Tgt Ion: 79 Resp: 649036
Ion Ratio Lower Upper
79 100
108 77.6 63.6 95.4
77 63.5 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.906 ng
RT: 8.293 min Scan# 902
Delta R.T. -0.017 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion: 45 Resp: 942990
Ion Ratio Lower Upper
45 100
77 16.0 0.0 36.9
79 12.7 0.0 32.9

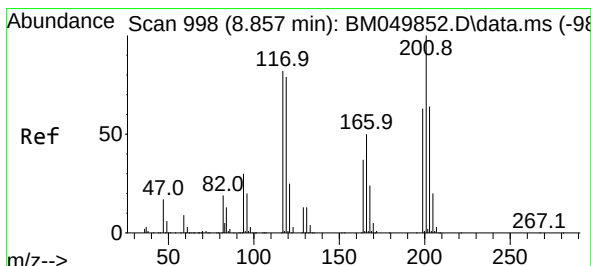
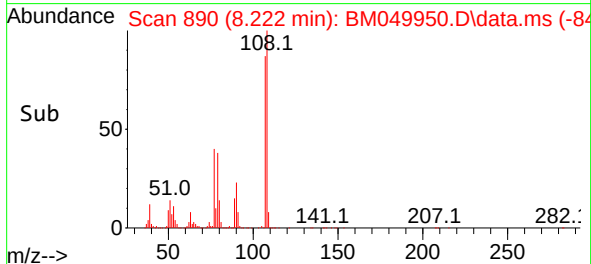
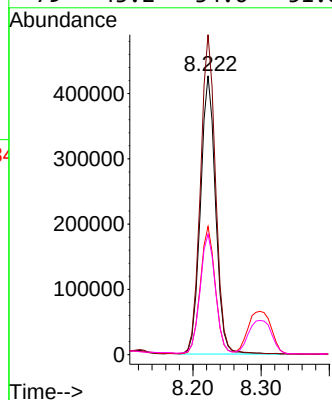
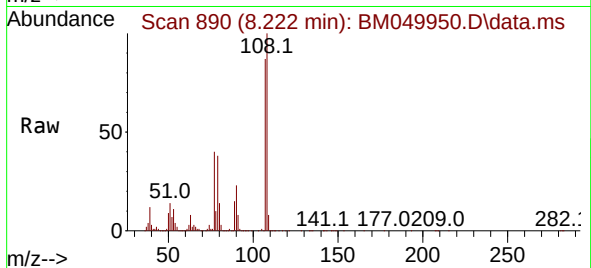




#17
2-Methylphenol
Concen: 45.137 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

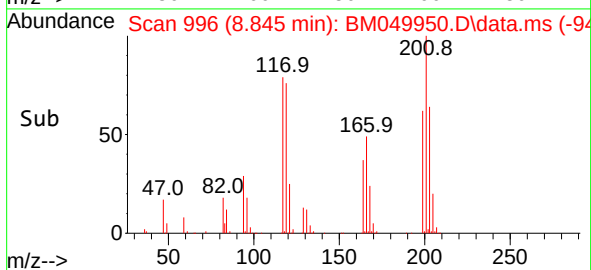
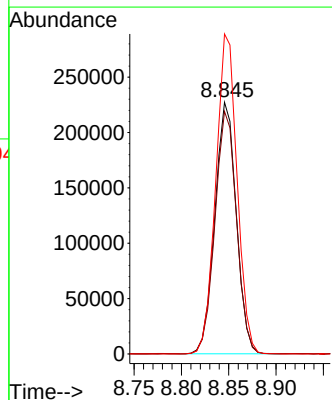
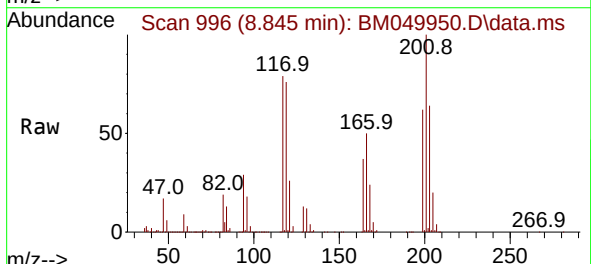
Instrument :
BNA_M
ClientSampleId :
PB167598BS

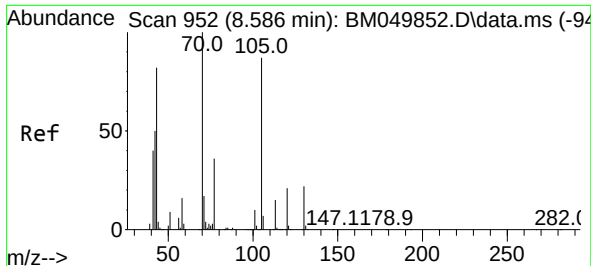
Tgt Ion:	107	Resp:	653714
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.0	136.6
77	45.9	36.5	54.7
79	43.2	34.6	51.8



#18
Hexachloroethane
Concen: 43.694 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:	117	Resp:	358731
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.5	116.3
201	127.1	97.7	146.5

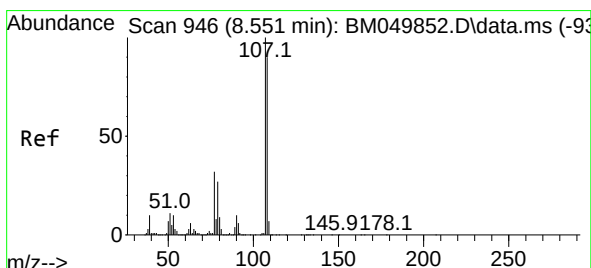
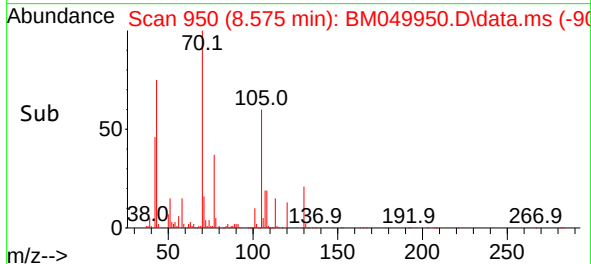
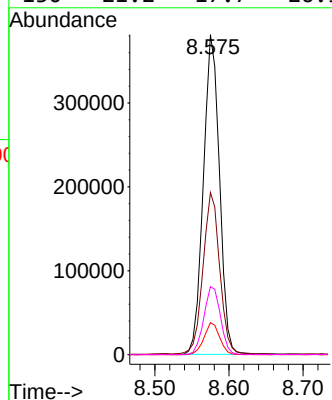
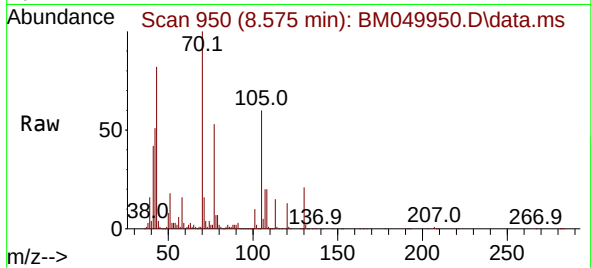




#19
n-Nitroso-di-n-propylamine
Concen: 43.178 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

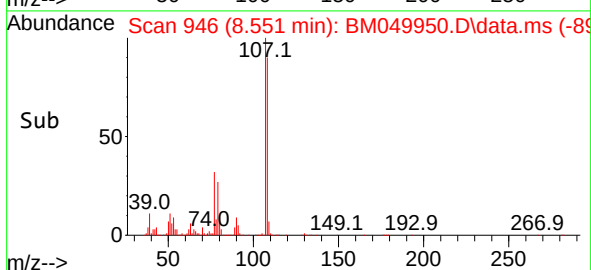
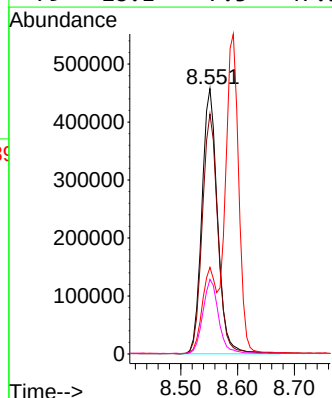
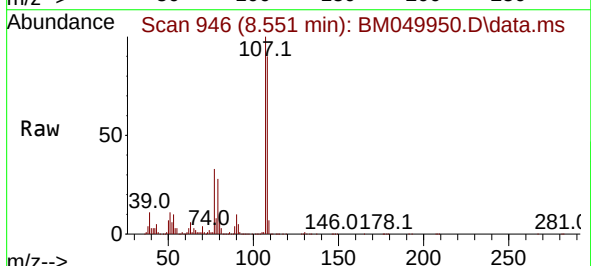
Instrument :
BNA_M
ClientSampleId :
PB167598BS

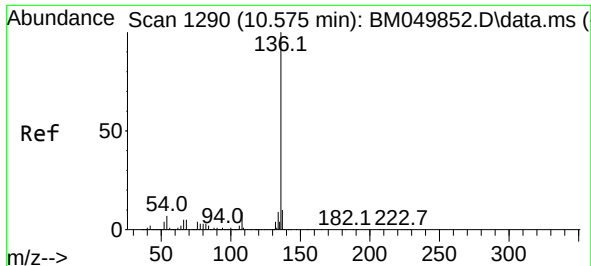
Tgt Ion: 70 Resp: 575933
Ion Ratio Lower Upper
70 100
42 50.7 40.2 60.2
101 10.0 7.9 11.9
130 21.2 17.7 26.5



#20
3+4-Methylphenols
Concen: 44.201 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion: 107 Resp: 872743
Ion Ratio Lower Upper
107 100
108 90.4 69.6 109.6
77 32.6 11.7 51.7
79 28.1 7.3 47.3

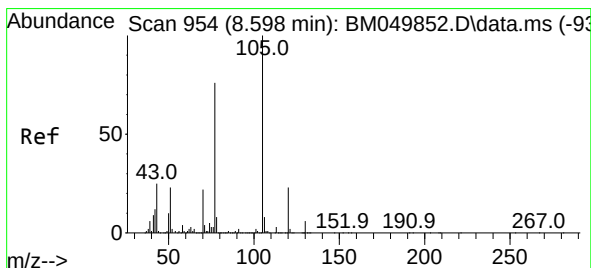
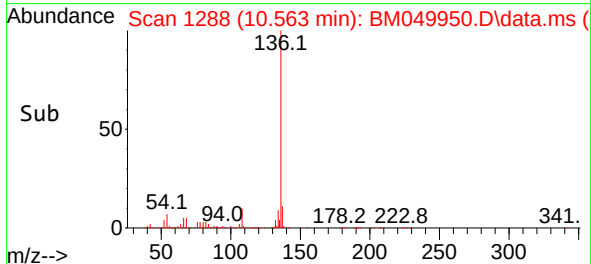
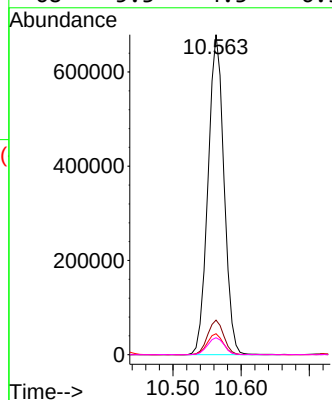
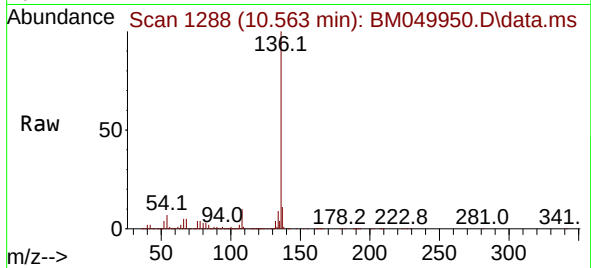




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

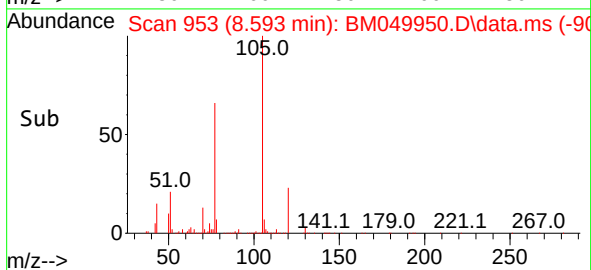
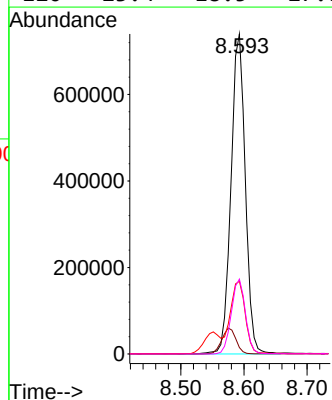
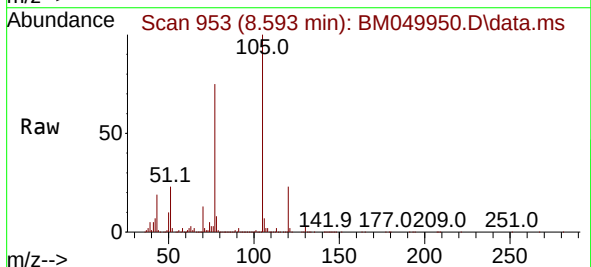
Instrument :
BNA_M
ClientSampleId :
PB167598BS

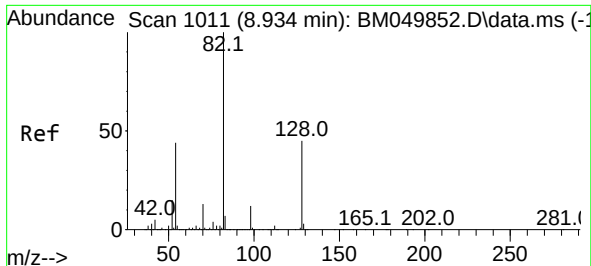
Tgt Ion:136 Resp: 1107088
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.6 5.3 7.9
68 5.3 4.3 6.5



#22
Acetophenone
Concen: 43.220 ng
RT: 8.593 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:105 Resp: 1162861
Ion Ratio Lower Upper
105 100
71 2.0 3.0 4.4#
51 22.7 18.6 27.8
120 23.4 18.5 27.7

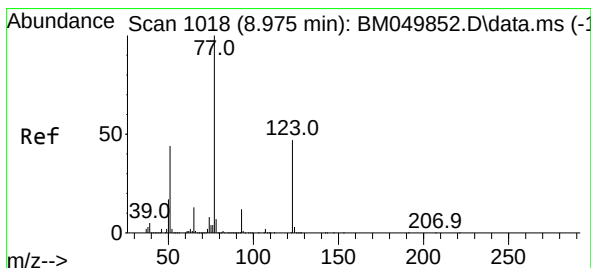
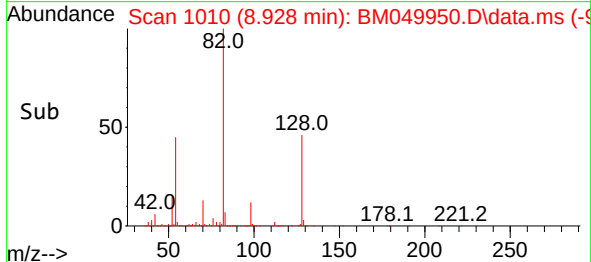
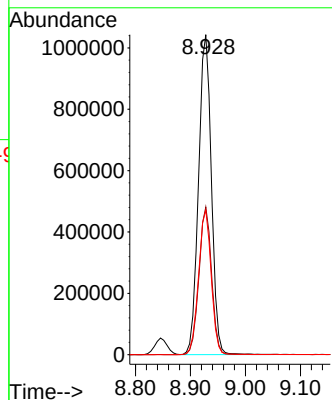
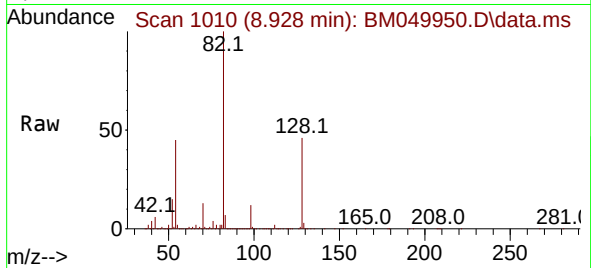




#23
Nitrobenzene-d5
Concen: 85.057 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

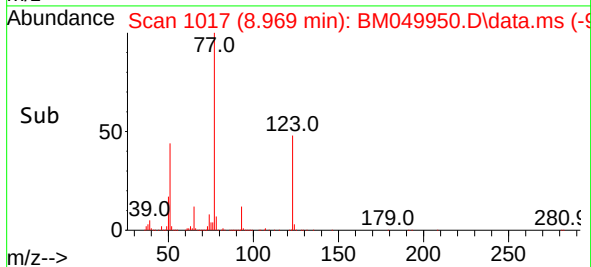
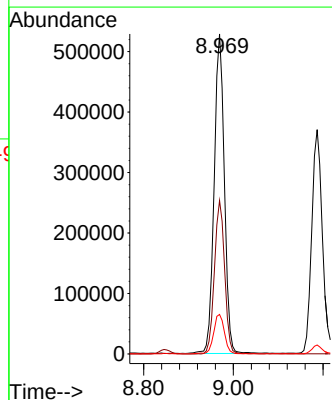
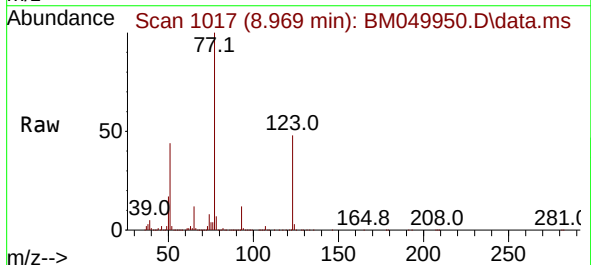
Instrument :
BNA_M
ClientSampleId :
PB167598BS

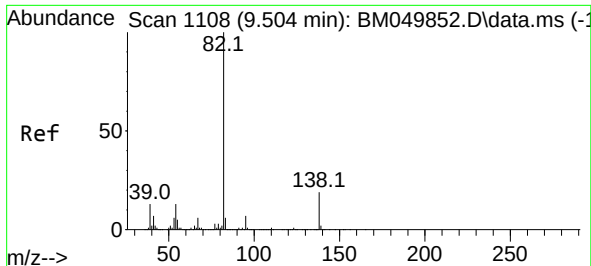
Tgt Ion: 82 Resp: 1691031
Ion Ratio Lower Upper
82 100
128 46.2 36.2 54.2
54 45.2 35.0 52.6



#24
Nitrobenzene
Concen: 43.634 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

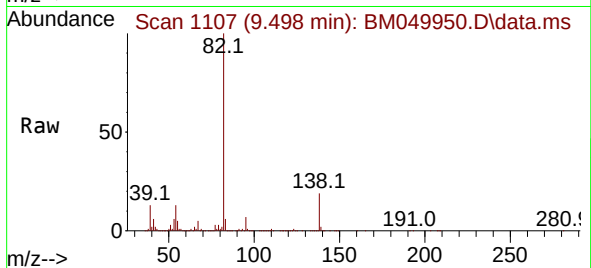
Tgt Ion: 77 Resp: 835313
Ion Ratio Lower Upper
77 100
123 48.0 37.4 56.2
65 12.3 10.1 15.1



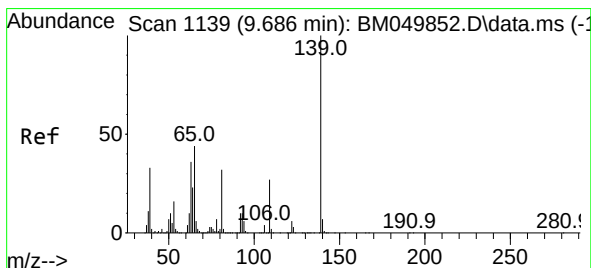
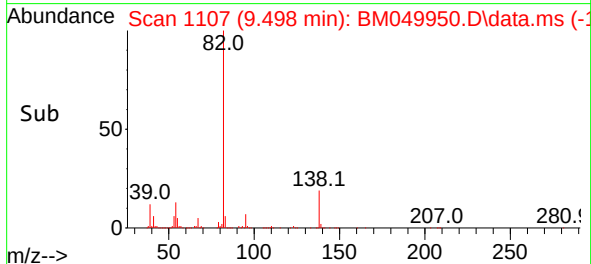
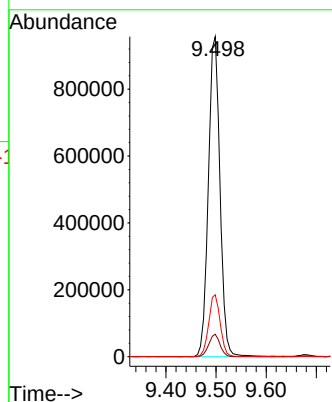


#25
Isophorone
Concen: 46.236 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Instrument :
BNA_M
ClientSampleId :
PB167598BS

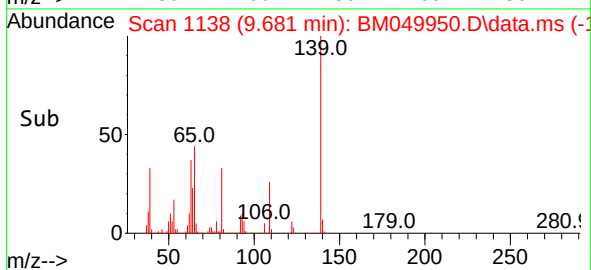
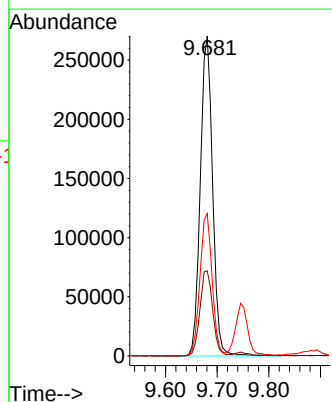
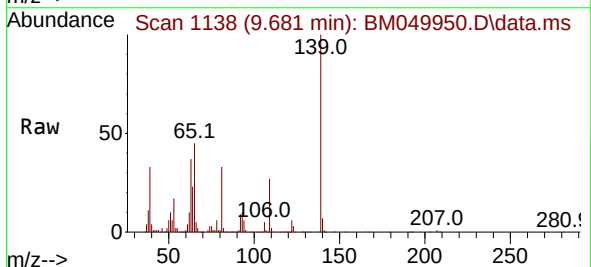


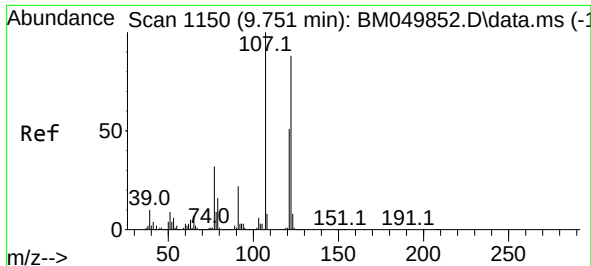
Tgt Ion: 82 Resp: 1539895
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 19.4 15.0 22.6



#26
2-Nitrophenol
Concen: 44.014 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion: 139 Resp: 446593
Ion Ratio Lower Upper
139 100
109 26.6 21.7 32.5
65 44.5 35.2 52.8

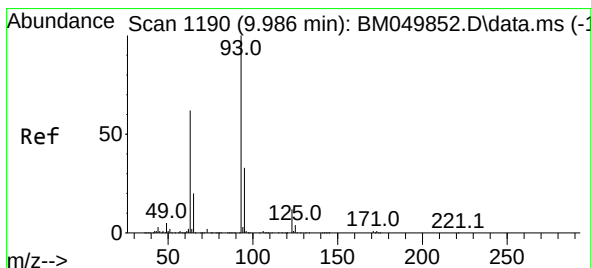
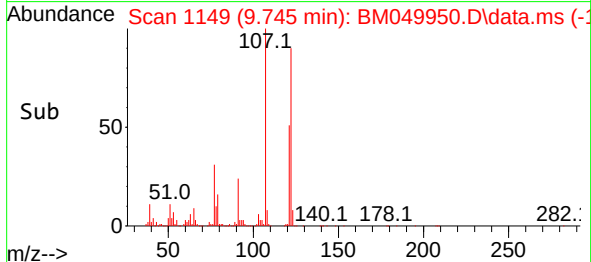
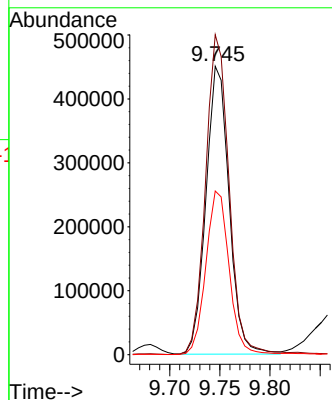
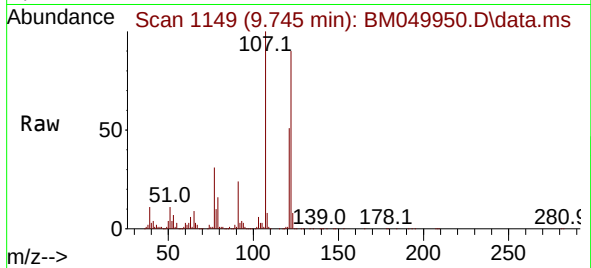




#27
2,4-Dimethylphenol
Concen: 63.021 ng
RT: 9.745 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

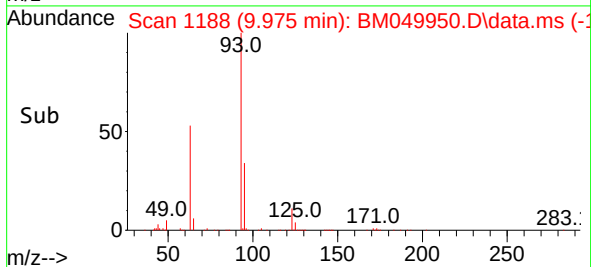
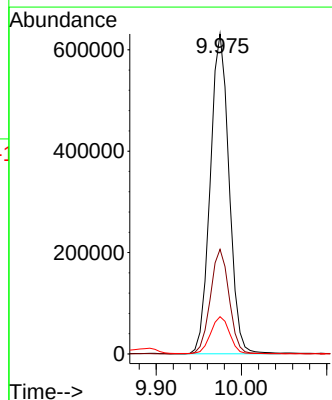
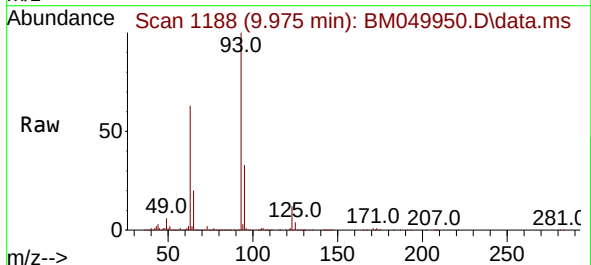
Instrument :
BNA_M
ClientSampleId :
PB167598BS

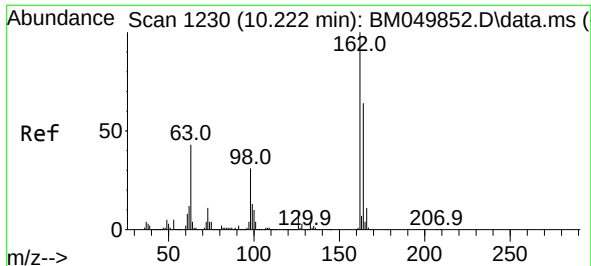
Tgt Ion:122 Resp: 724666
Ion Ratio Lower Upper
122 100
107 110.9 90.3 135.5
121 56.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.409 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion: 93 Resp: 967878
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.853 ng

RT: 10.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

PB167598BS

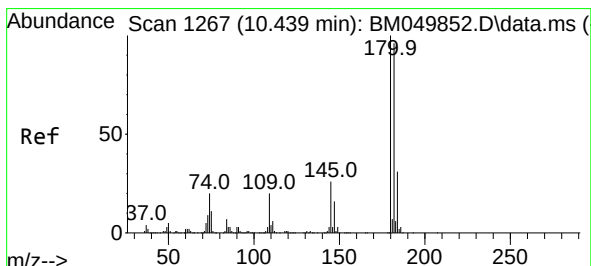
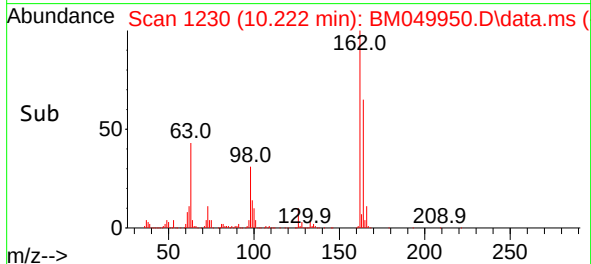
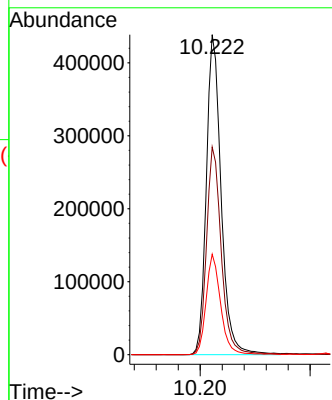
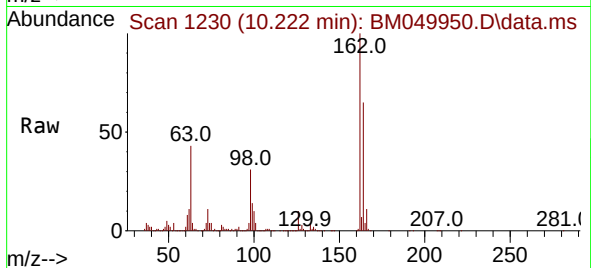
Tgt Ion:162 Resp: 819098

Ion Ratio Lower Upper

162 100

164 64.9 44.3 84.3

98 31.4 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 43.418 ng

RT: 10.428 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

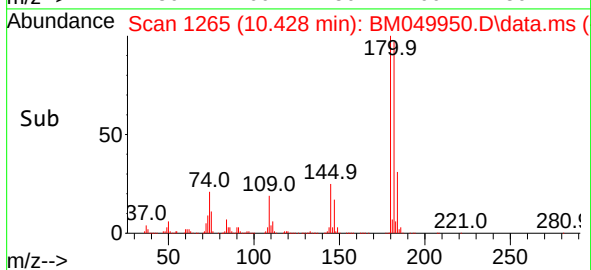
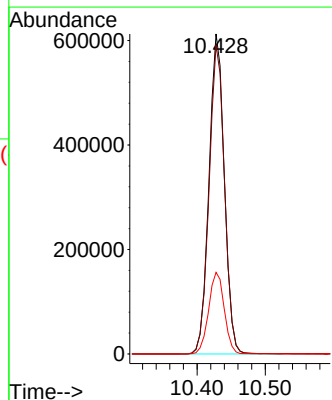
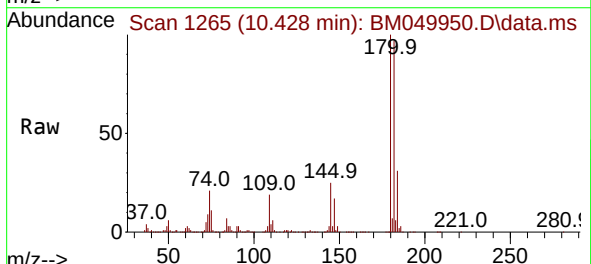
Tgt Ion:180 Resp: 960062

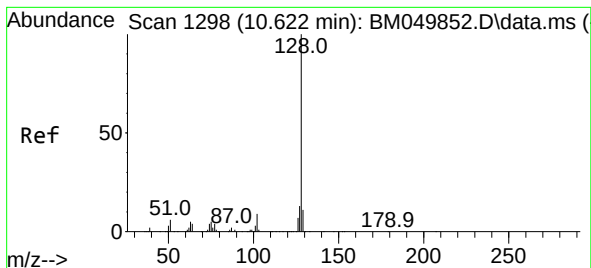
Ion Ratio Lower Upper

180 100

182 96.5 76.7 115.1

145 25.5 20.8 31.2

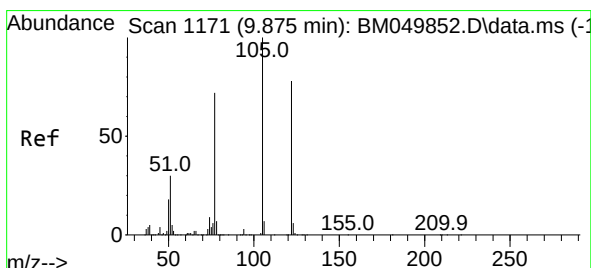
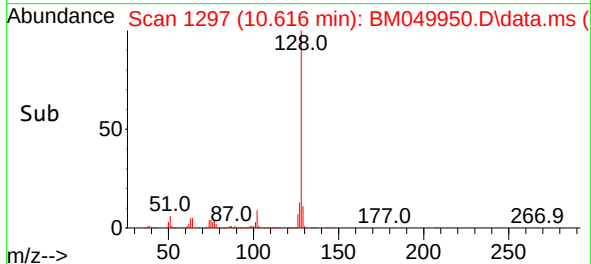
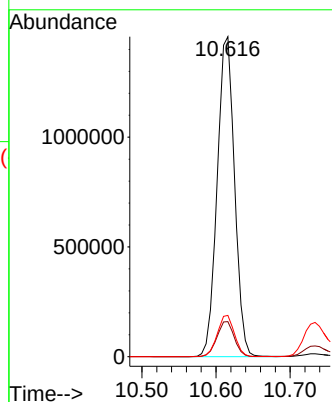
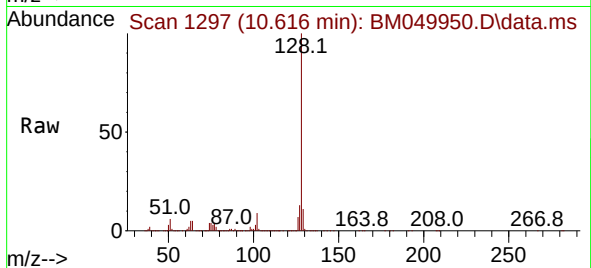




#31
Naphthalene
Concen: 41.775 ng
RT: 10.616 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

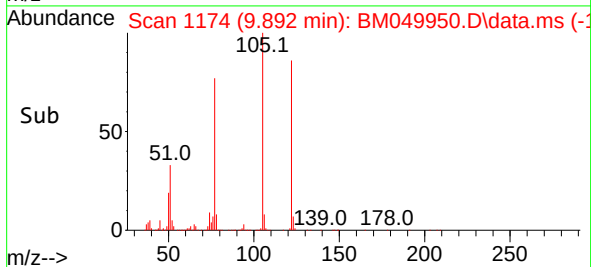
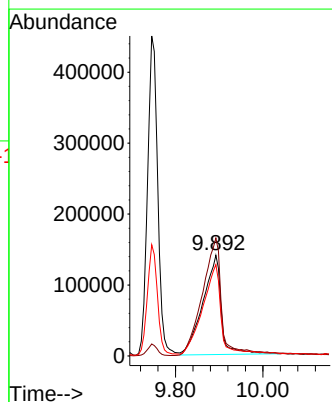
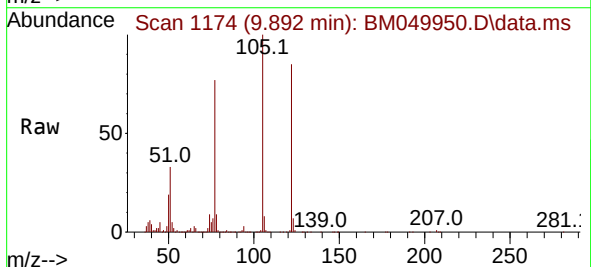
Instrument :
BNA_M
ClientSampleId :
PB167598BS

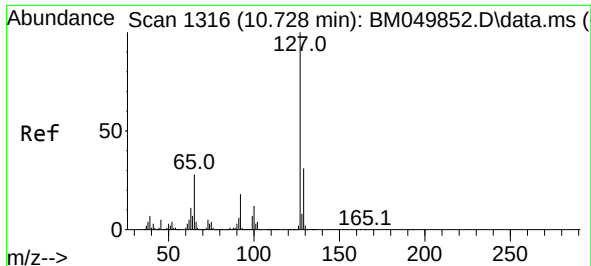
Tgt Ion:128 Resp: 2376409
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 32.321 ng
RT: 9.892 min Scan# 1174
Delta R.T. 0.017 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:122 Resp: 412318
Ion Ratio Lower Upper
122 100
105 117.1 103.8 143.8
77 90.7 70.7 110.7

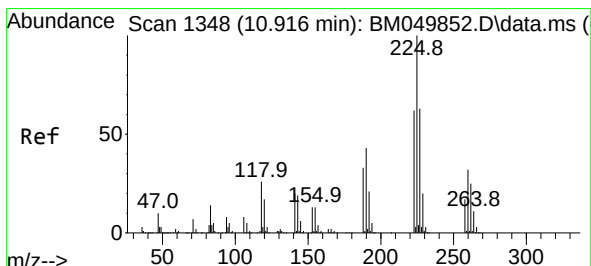
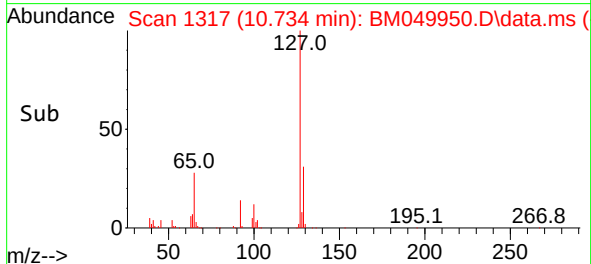
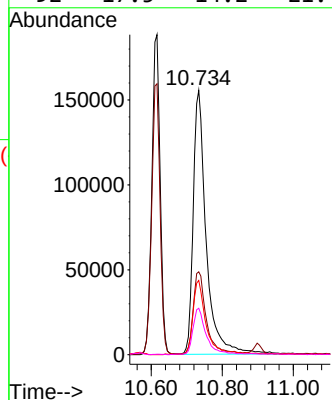
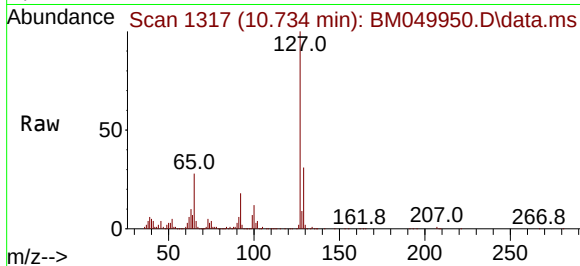




#33
4-Chloroaniline
Concen: 19.717 ng
RT: 10.734 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

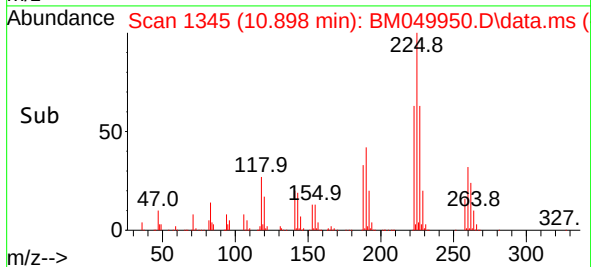
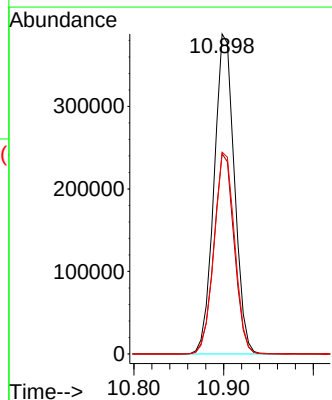
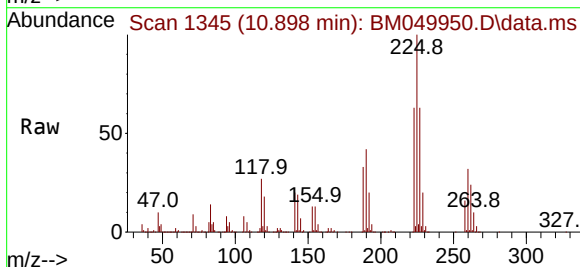
Instrument :
BNA_M
ClientSampleId :
PB167598BS

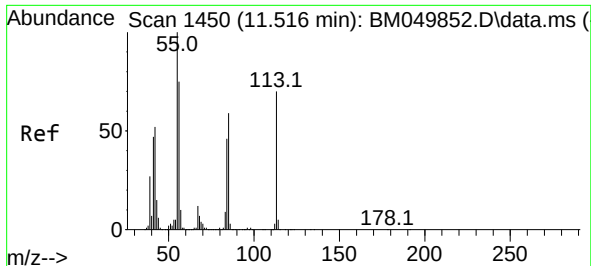
Tgt Ion:	127	Resp:	396058
Ion	Ratio	Lower	Upper
127	100		
129	31.3	24.9	37.3
65	28.1	22.4	33.6
92	17.5	14.2	21.4



#34
Hexachlorobutadiene
Concen: 44.602 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.017 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:	225	Resp:	610061
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	63.1	50.1	75.1

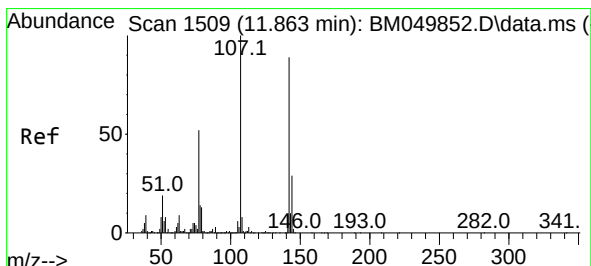
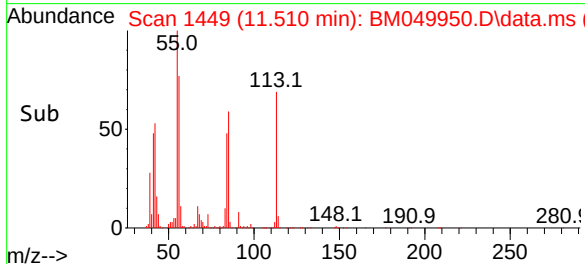
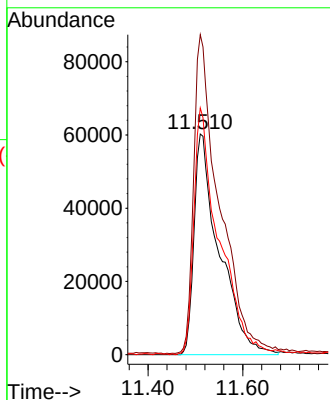
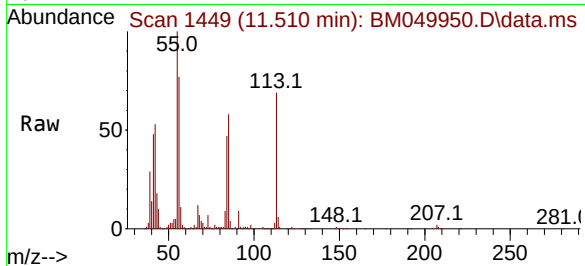




#35
Caprolactam
Concen: 40.633 ng
RT: 11.510 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

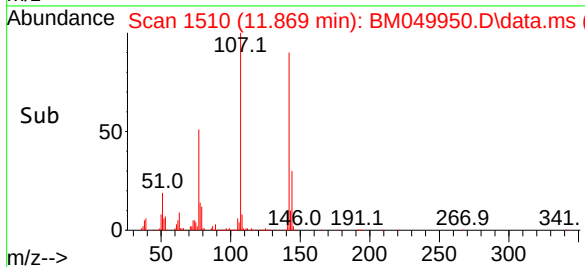
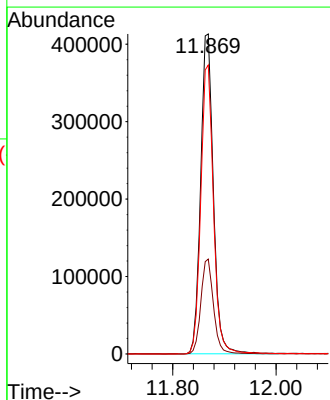
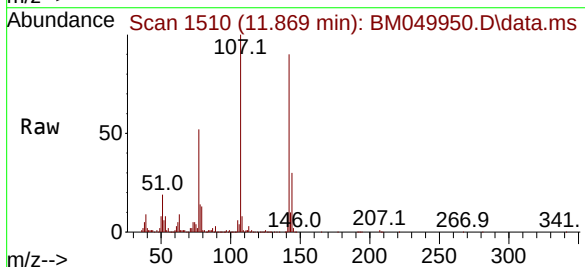
Instrument :
BNA_M
ClientSampleId :
PB167598BS

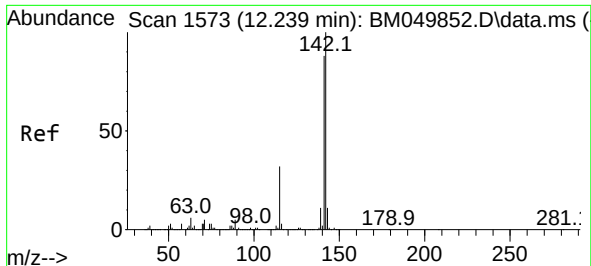
Tgt Ion:113 Resp: 222755
Ion Ratio Lower Upper
113 100
55 145.1 124.3 164.3
56 111.9 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 42.130 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:107 Resp: 705388
Ion Ratio Lower Upper
107 100
144 29.7 23.6 35.4
142 90.3 71.4 107.0

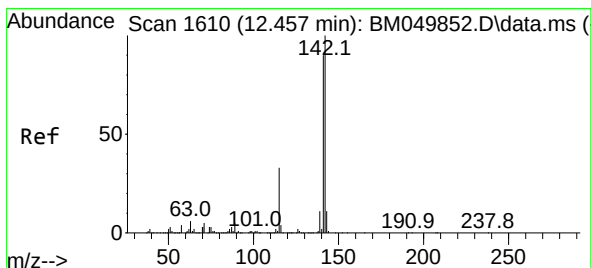
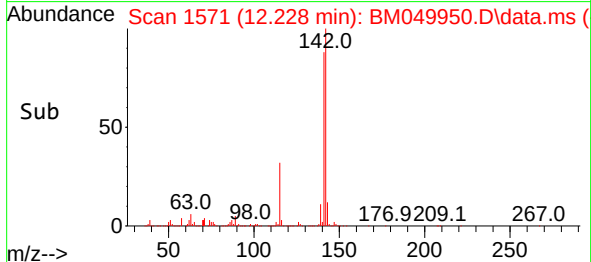
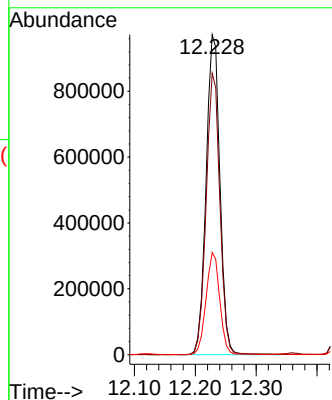
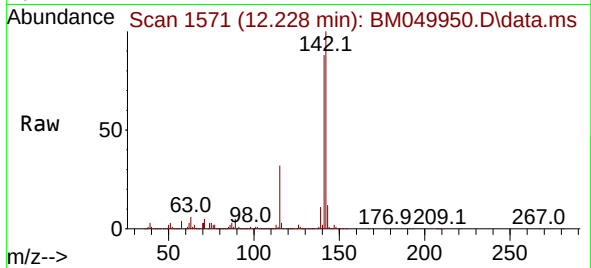




#37
2-Methylnaphthalene
Concen: 38.200 ng
RT: 12.228 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

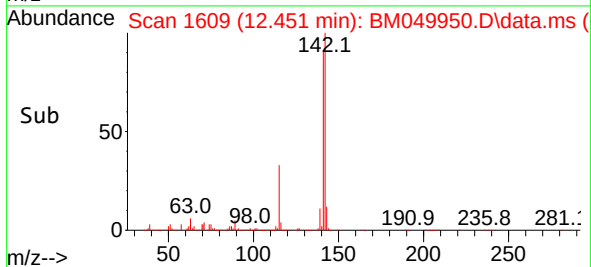
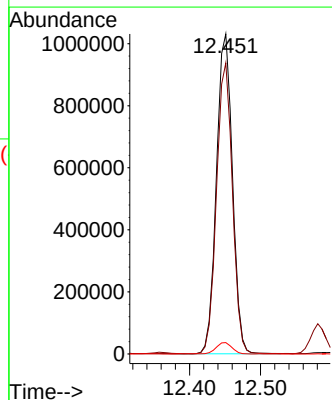
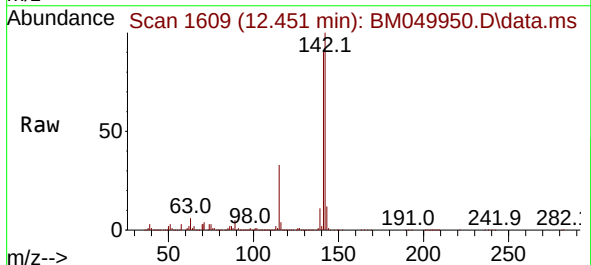
Instrument :
BNA_M
ClientSampleId :
PB167598BS

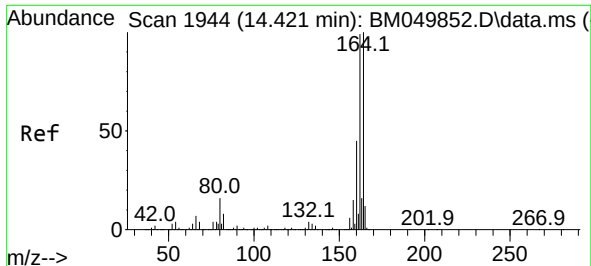
Tgt Ion:142 Resp: 1531079
Ion Ratio Lower Upper
142 100
141 88.0 70.2 105.2
115 31.9 25.4 38.2



#38
1-Methylnaphthalene
Concen: 41.203 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:142 Resp: 1608872
Ion Ratio Lower Upper
142 100
141 90.9 72.2 108.2
116 3.5 2.9 4.3

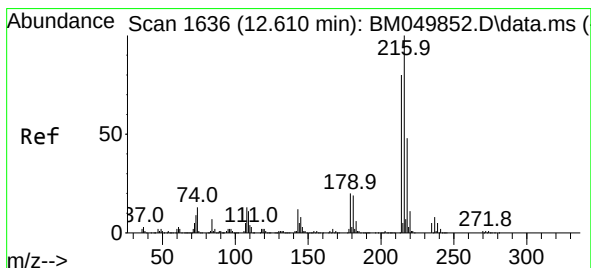
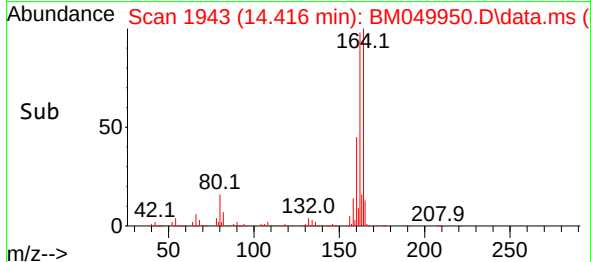
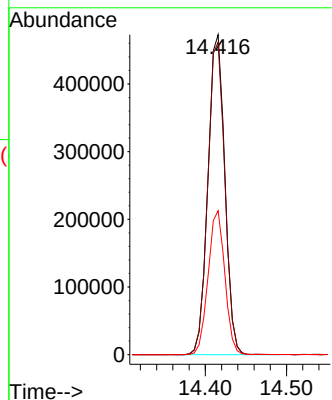
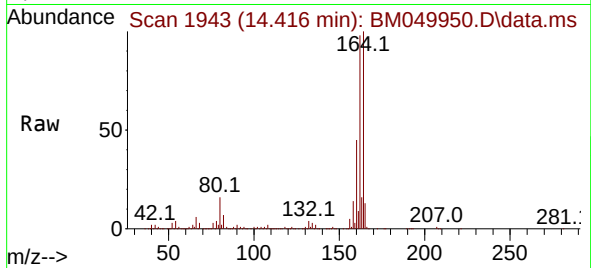




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

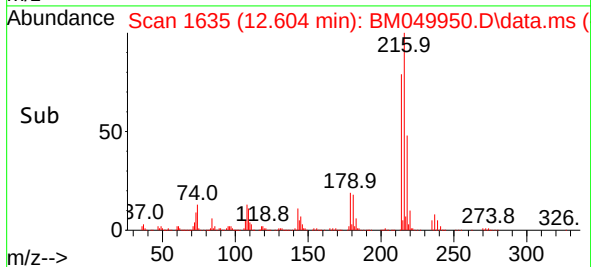
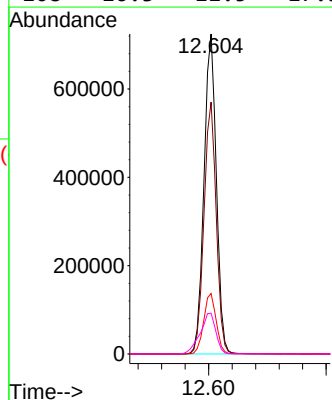
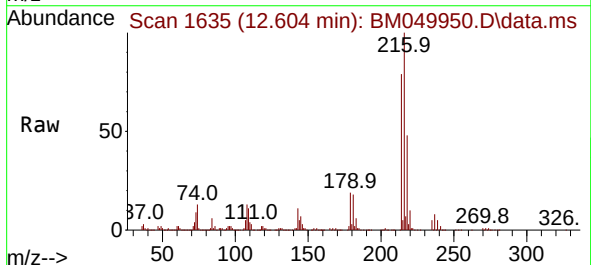
Instrument :
BNA_M
ClientSampleId :
PB167598BS

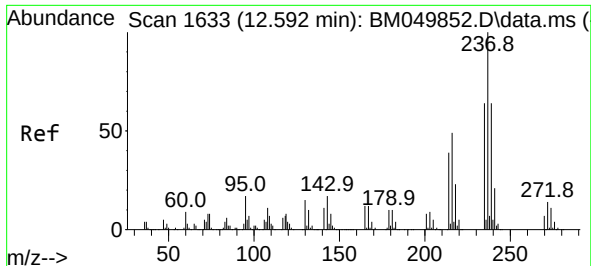
Tgt Ion:164 Resp: 681687
Ion Ratio Lower Upper
164 100
162 97.7 79.4 119.0
160 45.0 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.274 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

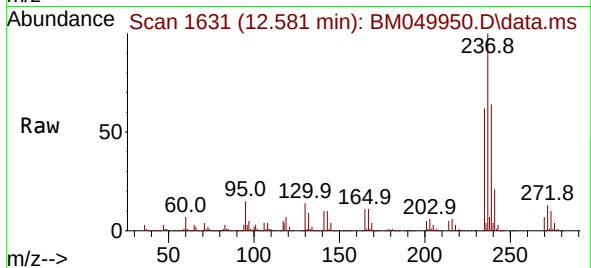
Tgt Ion:216 Resp: 1055879
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 19.1 15.8 23.6
108 16.3 11.5 17.3



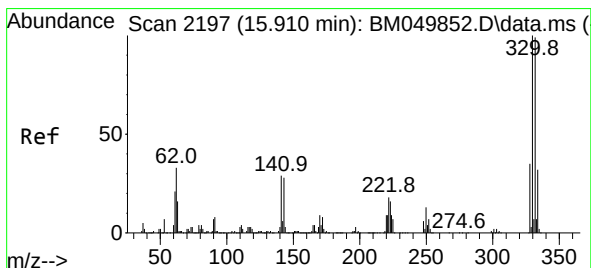
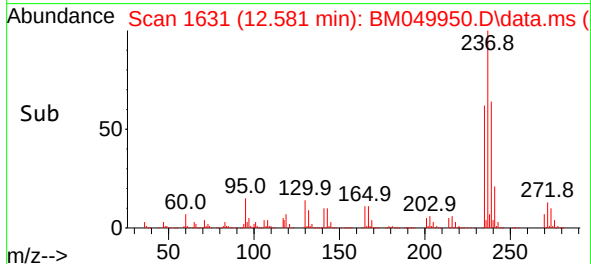
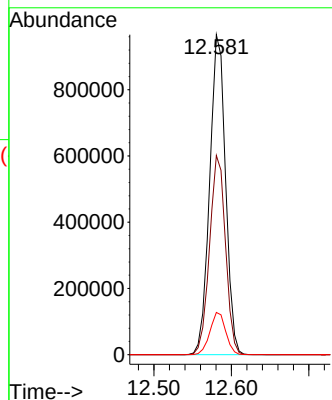


#41
Hexachlorocyclopentadiene
Concen: 164.756 ng
RT: 12.581 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Instrument :
BNA_M
ClientSampleId :
PB167598BS

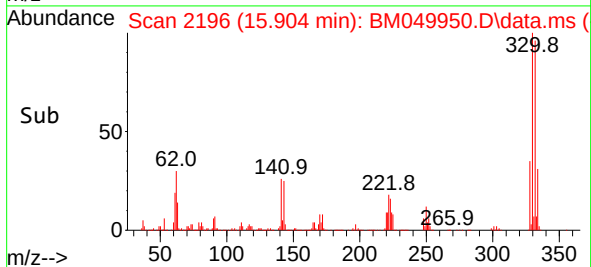
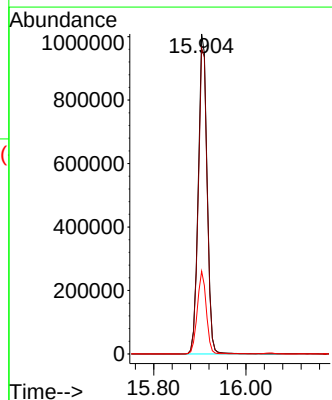
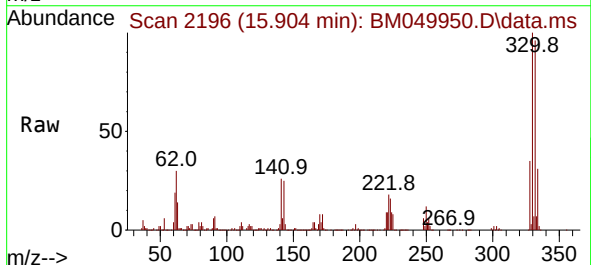


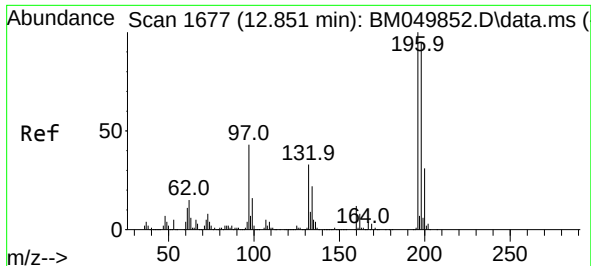
Tgt Ion:237 Resp: 1376815
Ion Ratio Lower Upper
237 100
235 62.3 43.7 83.7
272 13.2 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 134.467 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:330 Resp: 1333296
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 26.3 23.5 35.3

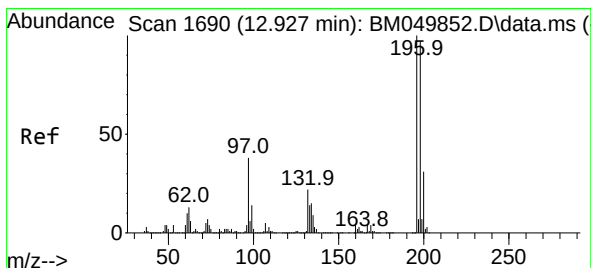
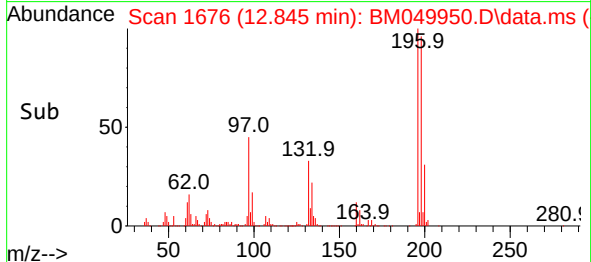
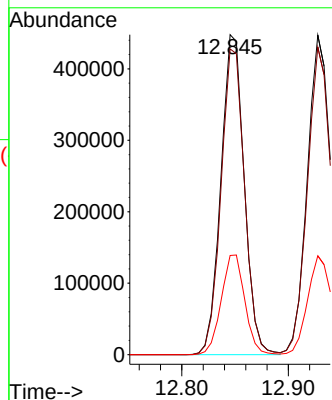
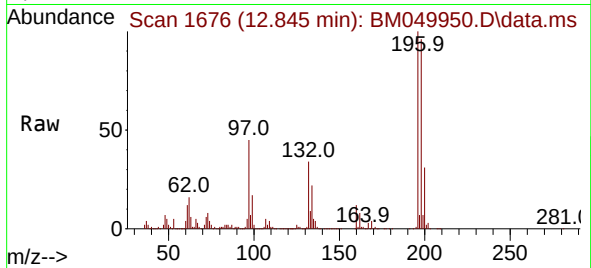




#43
2,4,6-Trichlorophenol
Concen: 44.961 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

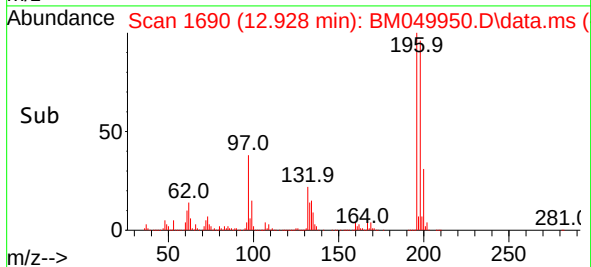
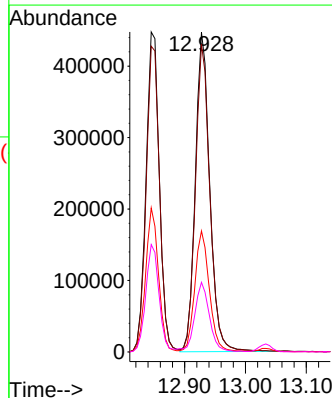
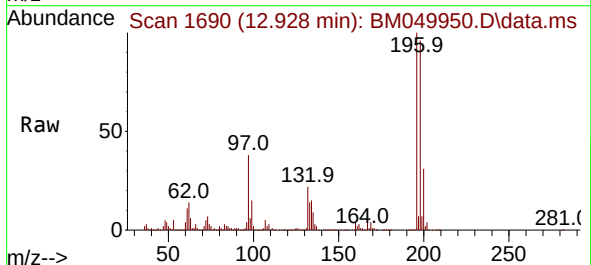
Instrument :
BNA_M
ClientSampleId :
PB167598BS

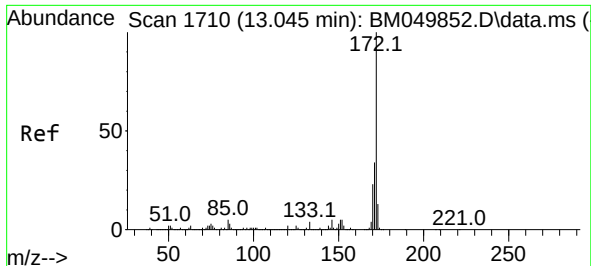
Tgt Ion:196 Resp: 682307
Ion Ratio Lower Upper
196 100
198 95.6 76.1 114.1
200 31.0 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.683 ng
RT: 12.928 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:196 Resp: 736887
Ion Ratio Lower Upper
196 100
198 96.2 77.7 116.5
97 37.9 30.3 45.5
132 21.8 17.3 25.9

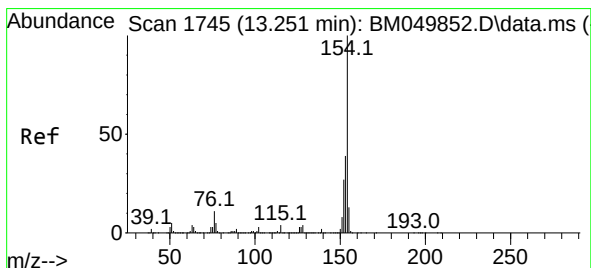
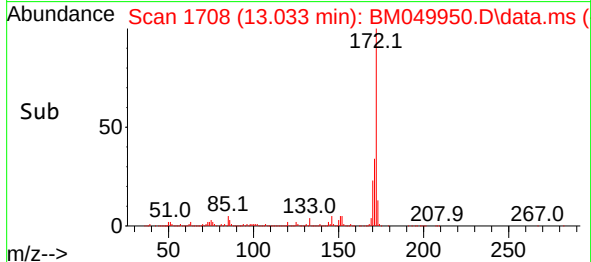
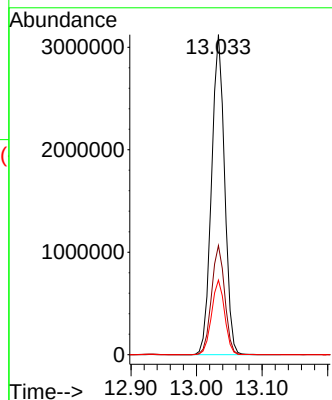
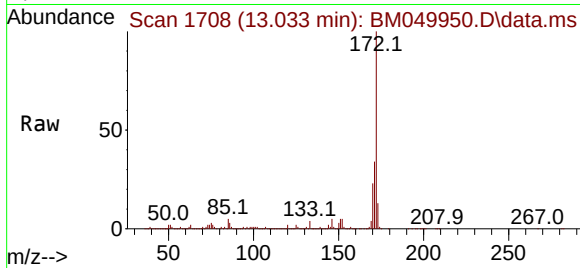




#45
2-Fluorobiphenyl
Concen: 86.043 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

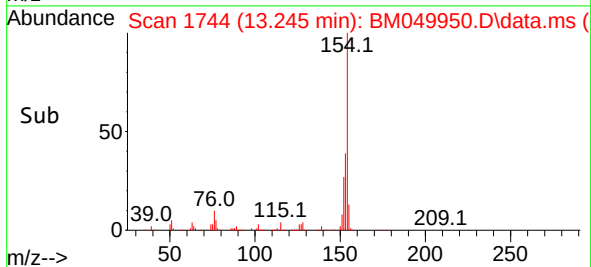
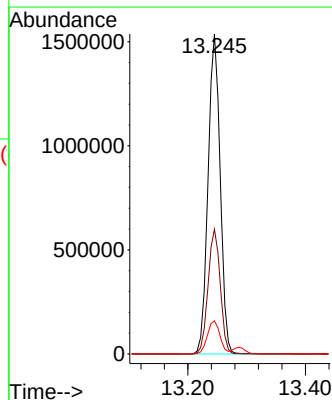
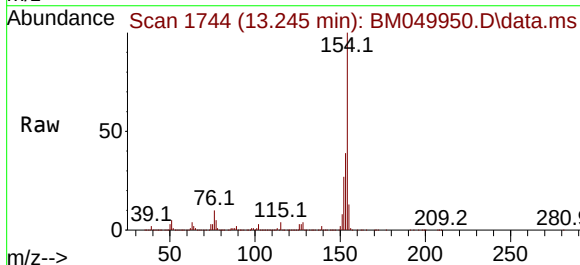
Instrument :
BNA_M
ClientSampleId :
PB167598BS

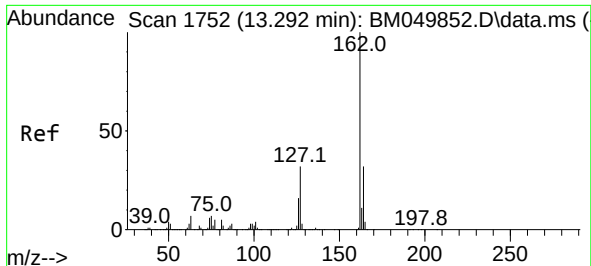
Tgt Ion:172 Resp: 4325526
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.2
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 43.370 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:154 Resp: 2197752
Ion Ratio Lower Upper
154 100
153 39.0 19.3 59.3
76 10.4 0.0 30.7

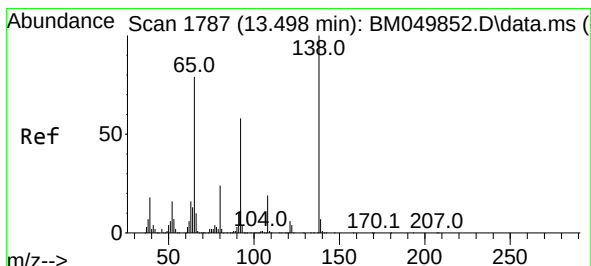
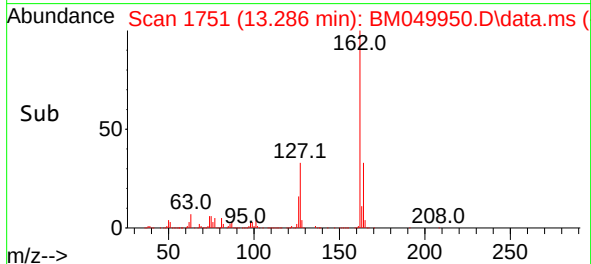
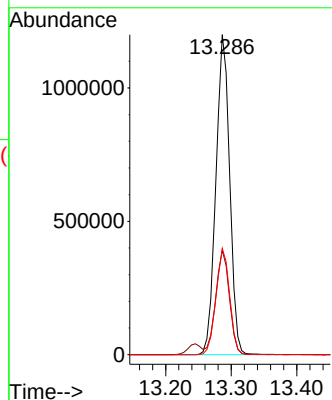
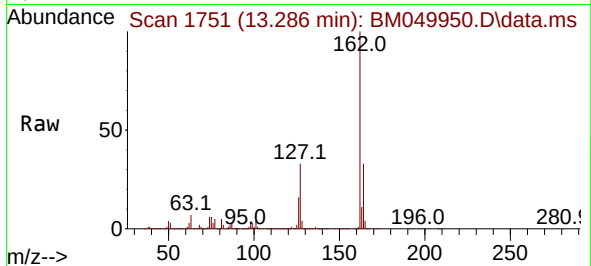




#47
2-Chloronaphthalene
Concen: 43.832 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

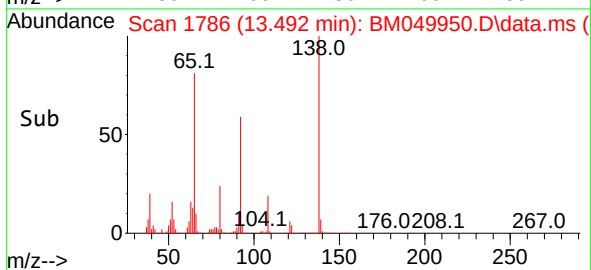
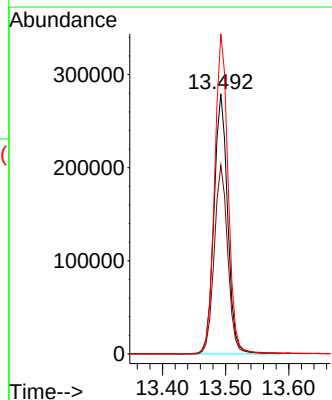
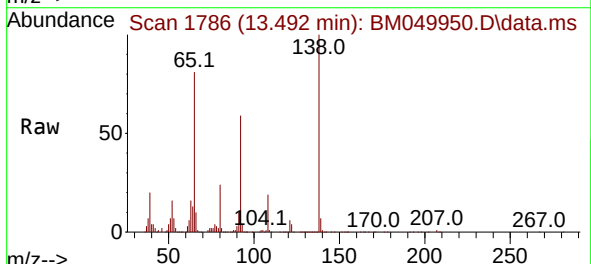
Instrument :
BNA_M
ClientSampleId :
PB167598BS

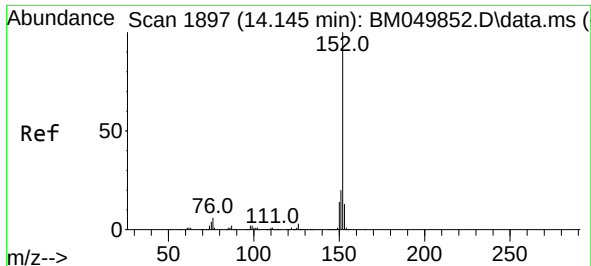
Tgt Ion:162 Resp: 1745790
Ion Ratio Lower Upper
162 100
127 32.6 26.0 39.0
164 33.3 25.9 38.9



#48
2-Nitroaniline
Concen: 45.864 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion: 65 Resp: 422608
Ion Ratio Lower Upper
65 100
92 72.6 58.4 87.6
138 123.0 100.8 151.2

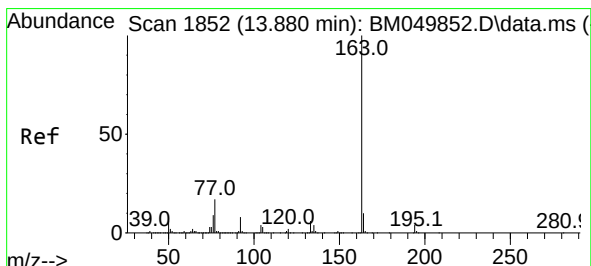
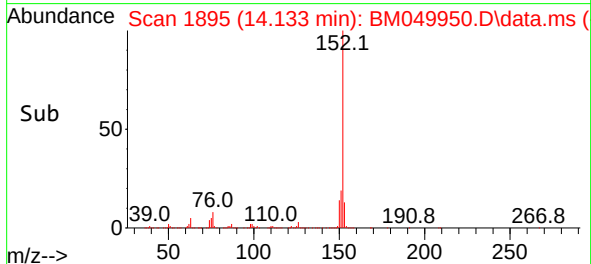
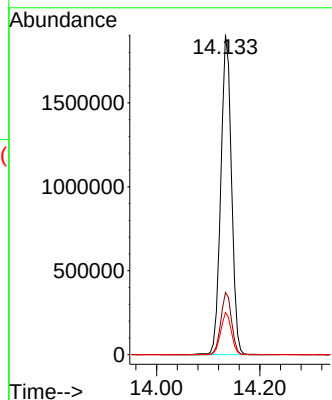
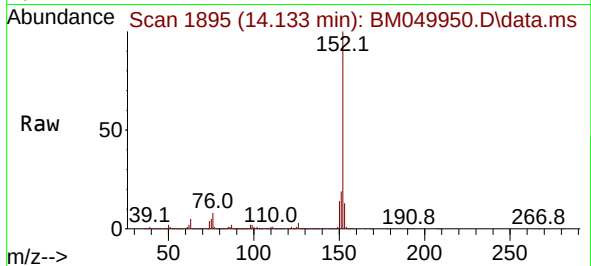




#49
Acenaphthylene
Concen: 47.058 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

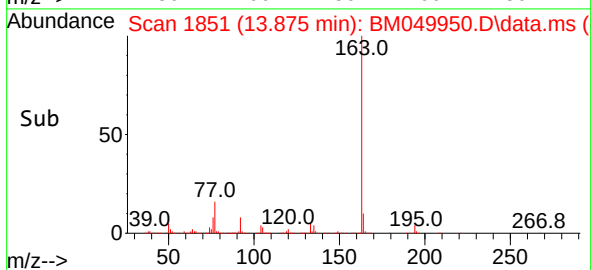
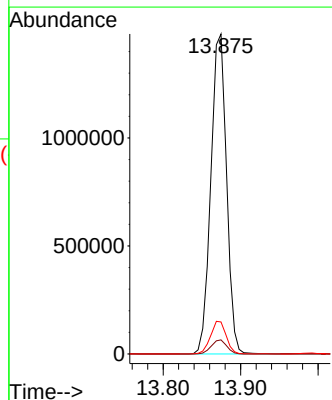
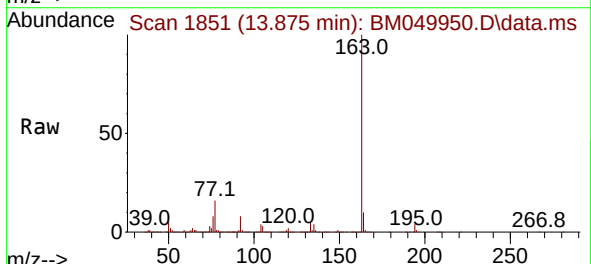
Instrument :
BNA_M
ClientSampleId :
PB167598BS

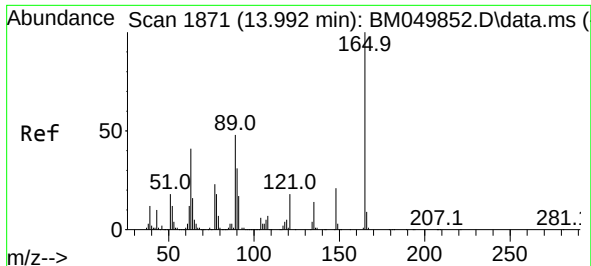
Tgt Ion:152 Resp: 2730196
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 43.316 ng
RT: 13.875 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:163 Resp: 2083167
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.0 7.9 11.9

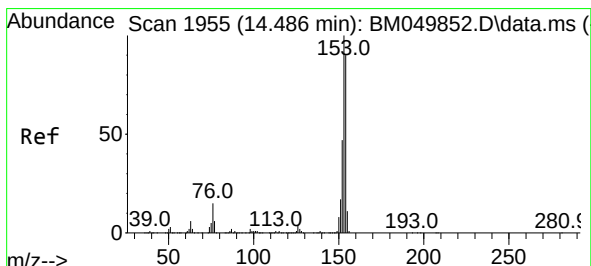
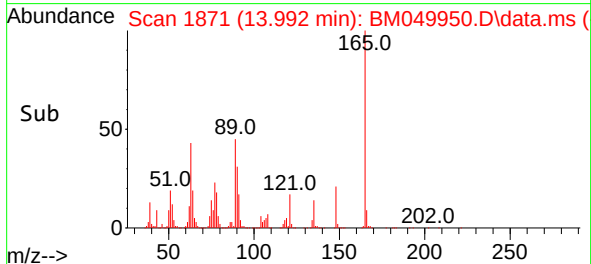
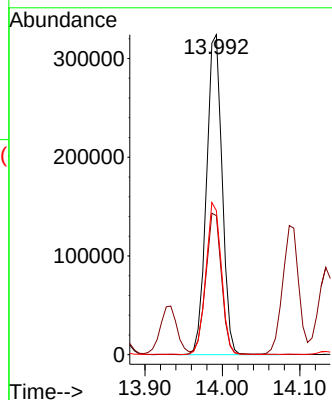
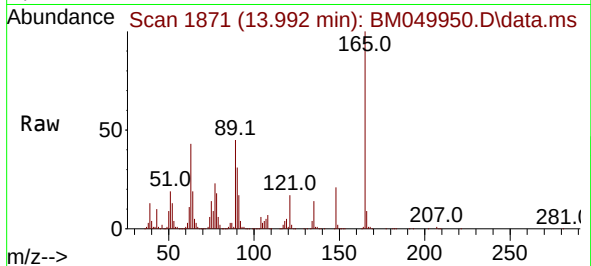




#51
2,6-Dinitrotoluene
Concen: 45.132 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

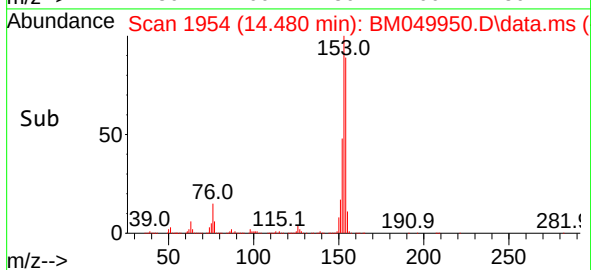
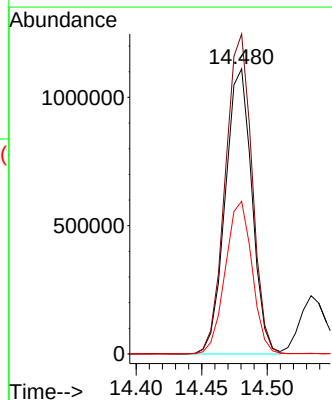
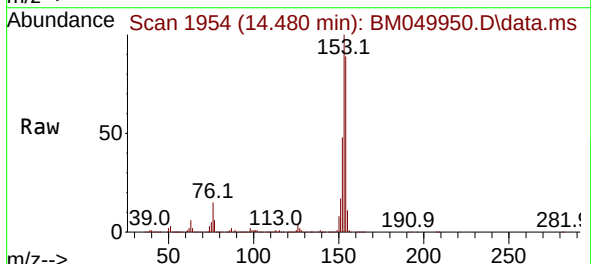
Instrument :
BNA_M
ClientSampleId :
PB167598BS

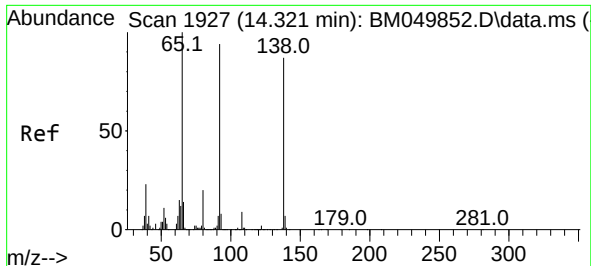
Tgt Ion:165 Resp: 454747
Ion Ratio Lower Upper
165 100
63 43.5 36.1 54.1
89 45.1 38.3 57.5



#52
Acenaphthene
Concen: 42.602 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:154 Resp: 1572168
Ion Ratio Lower Upper
154 100
153 112.2 89.3 133.9
152 53.5 42.2 63.2

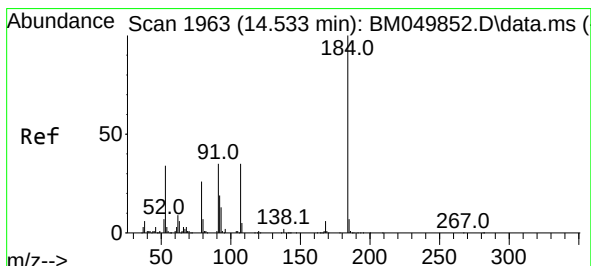
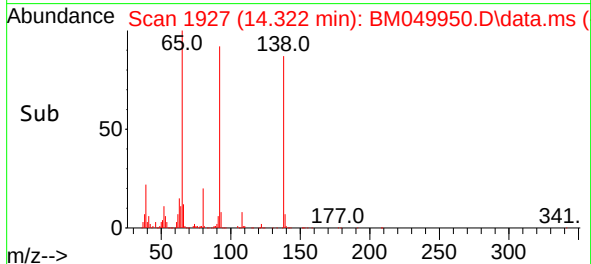
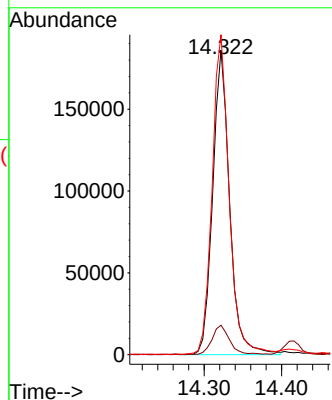
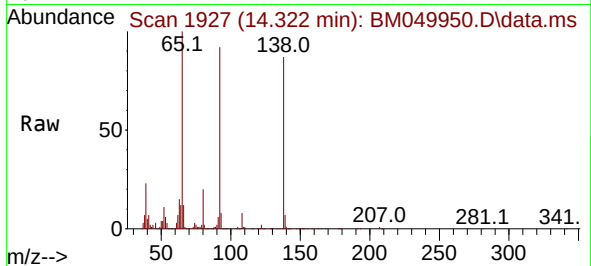




#53
3-Nitroaniline
Concen: 29.008 ng
RT: 14.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

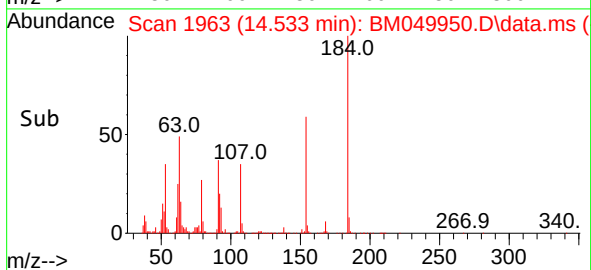
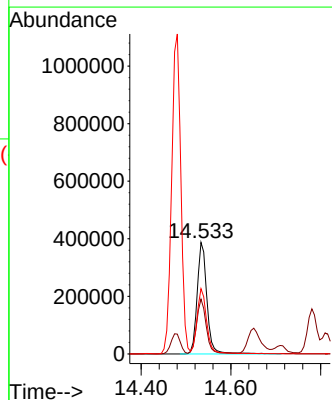
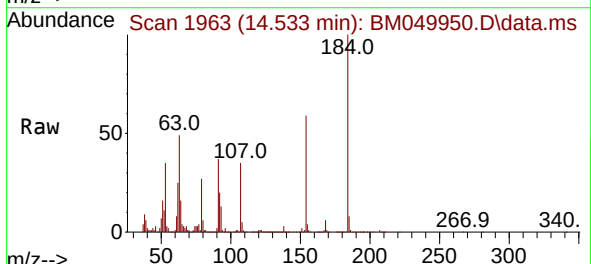
Instrument :
BNA_M
ClientSampleId :
PB167598BS

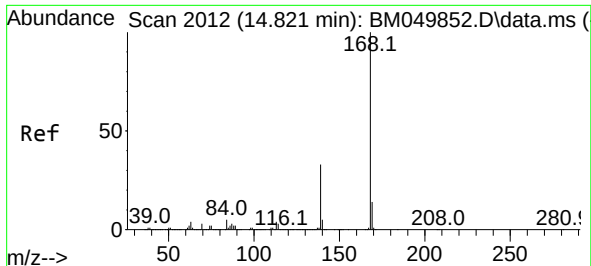
Tgt Ion:138 Resp: 282489
Ion Ratio Lower Upper
138 100
108 9.7 8.1 12.1
92 105.1 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 80.544 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:184 Resp: 588109
Ion Ratio Lower Upper
184 100
63 49.3 38.4 57.6
154 58.6 48.1 72.1

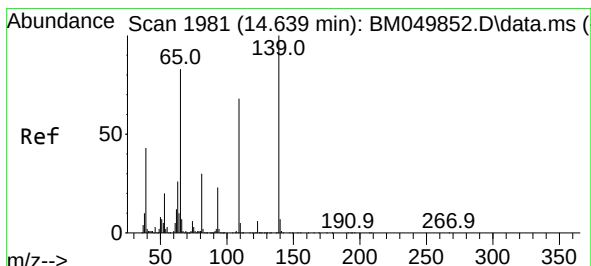
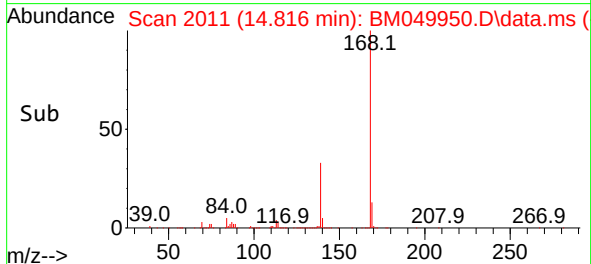
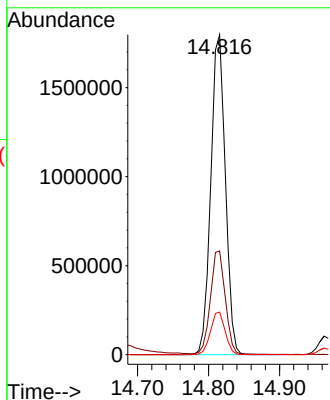
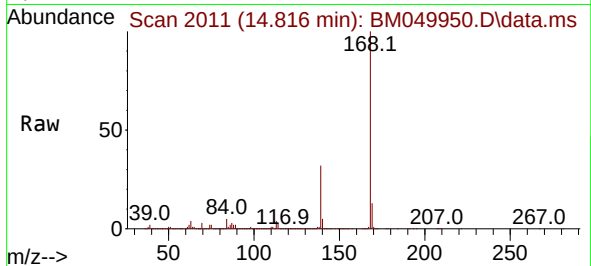




#55
Dibenzofuran
Concen: 41.455 ng
RT: 14.816 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

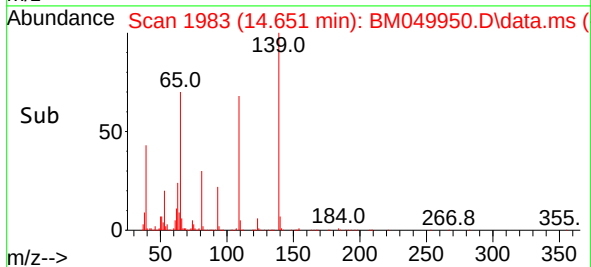
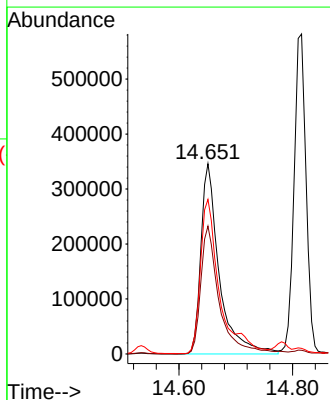
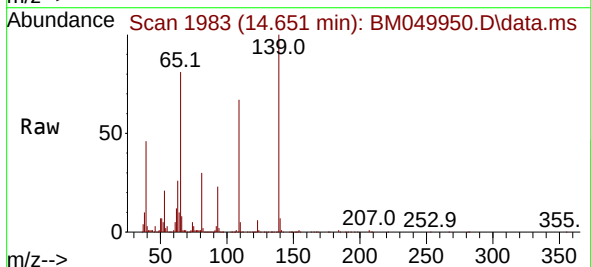
Instrument :
BNA_M
ClientSampleId :
PB167598BS

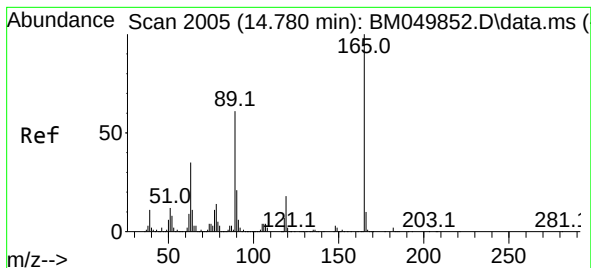
Tgt Ion:168 Resp: 2557487
Ion Ratio Lower Upper
168 100
139 32.4 26.6 39.8
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 89.398 ng
RT: 14.651 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:139 Resp: 775812
Ion Ratio Lower Upper
139 100
109 67.2 47.9 87.9
65 81.2 62.7 102.7

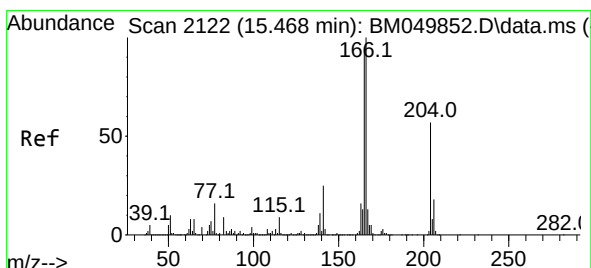
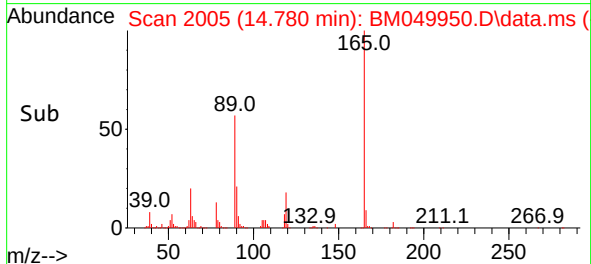
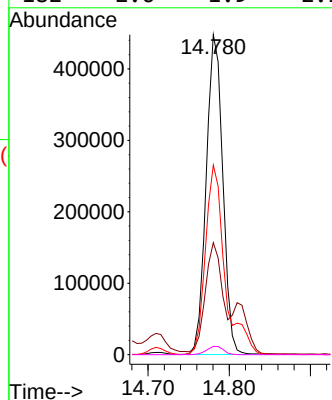
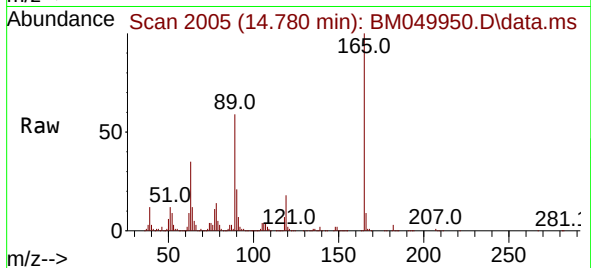




#57
2,4-Dinitrotoluene
Concen: 47.120 ng
RT: 14.780 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

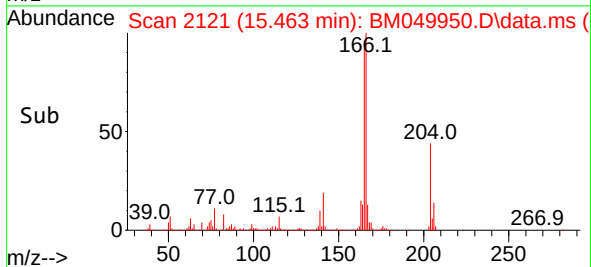
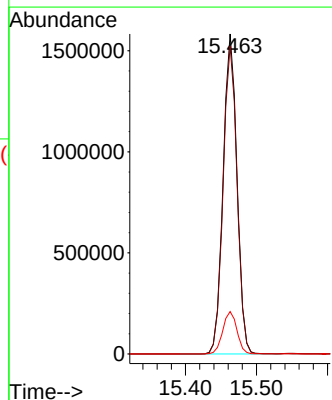
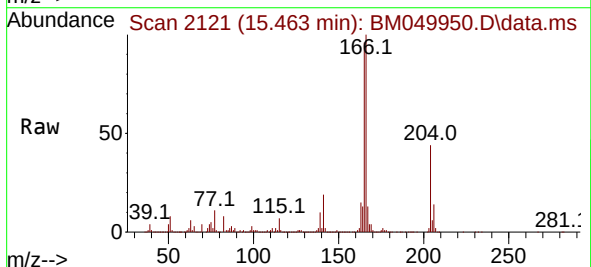
Instrument :
BNA_M
ClientSampleId :
PB167598BS

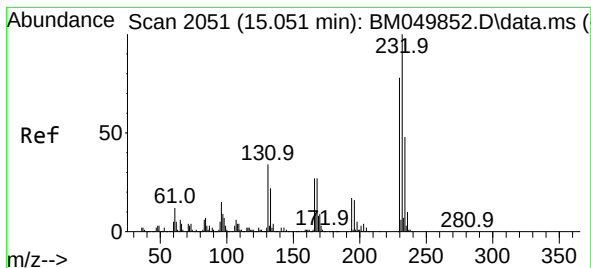
Tgt Ion:165 Resp: 633398
Ion Ratio Lower Upper
165 100
63 35.0 28.6 42.8
89 59.3 49.0 73.6
182 2.6 1.9 2.9



#58
Fluorene
Concen: 43.549 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:166 Resp: 2135573
Ion Ratio Lower Upper
166 100
165 96.2 76.3 114.5
167 13.2 10.7 16.1

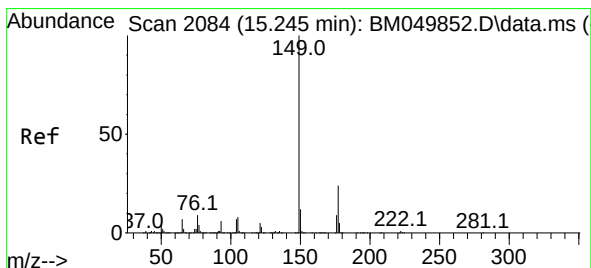
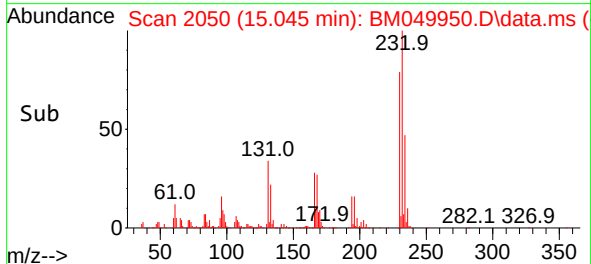
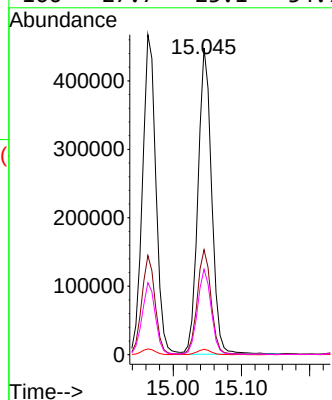
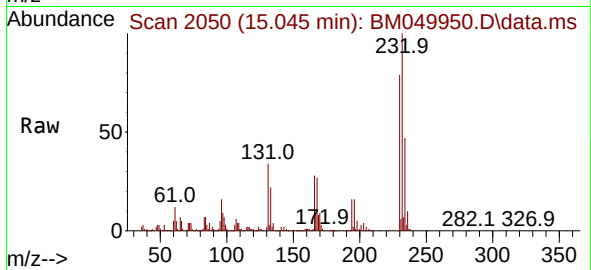




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.979 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

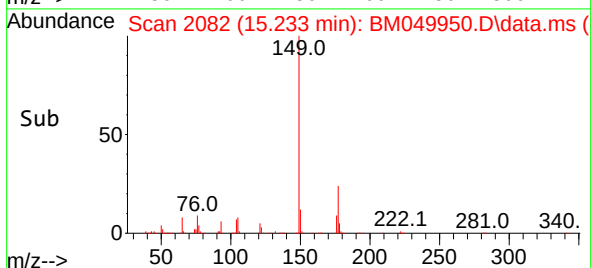
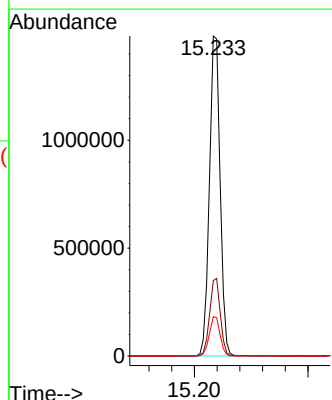
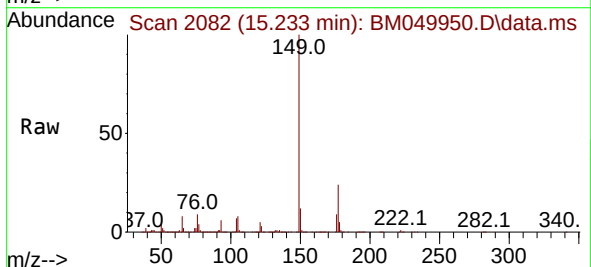
Instrument :
BNA_M
ClientSampleId :
PB167598BS

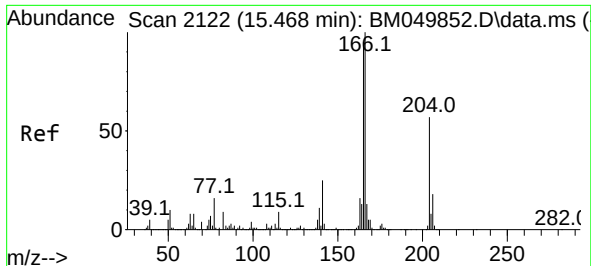
Tgt Ion:232 Resp: 621241
Ion Ratio Lower Upper
232 100
131 34.3 28.4 42.6
130 1.8 1.6 2.4
166 27.7 23.1 34.7



#60
Diethylphthalate
Concen: 41.911 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:149 Resp: 1932936
Ion Ratio Lower Upper
149 100
177 23.6 19.0 28.4
150 12.3 9.7 14.5

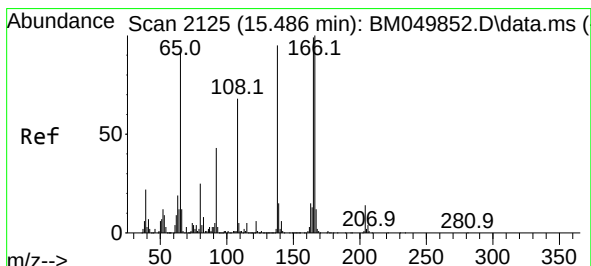
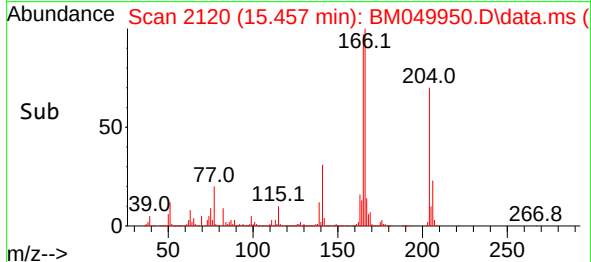
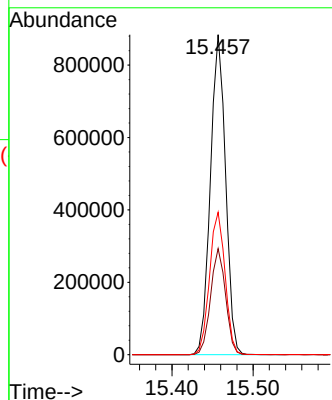
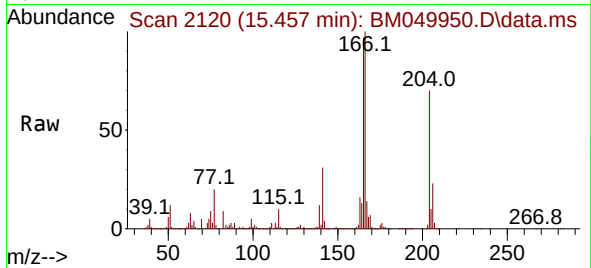




#61
4-Chlorophenyl-phenylether
Concen: 43.526 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

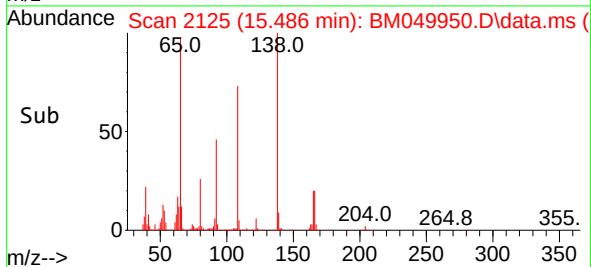
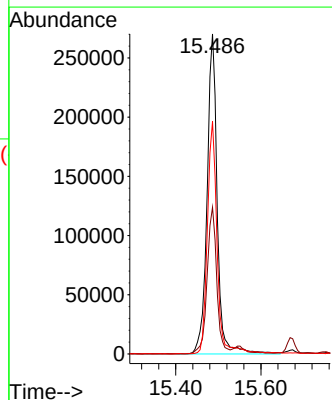
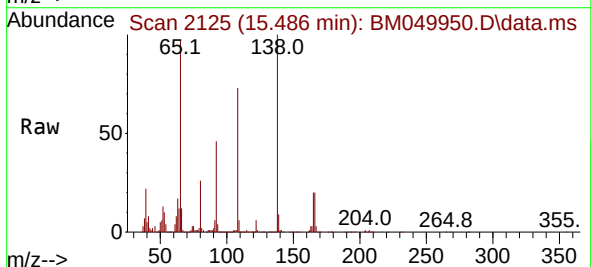
Instrument :
BNA_M
ClientSampleId :
PB167598BS

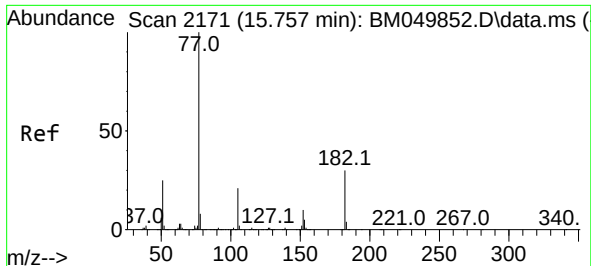
Tgt Ion:204 Resp: 1144350
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 44.5 35.0 52.6



#62
4-Nitroaniline
Concen: 44.563 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:138 Resp: 448788
Ion Ratio Lower Upper
138 100
92 45.8 24.9 64.9
108 72.7 51.7 91.7

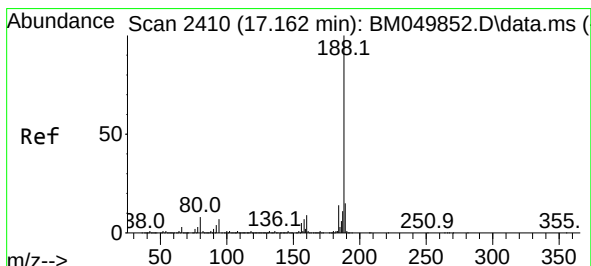
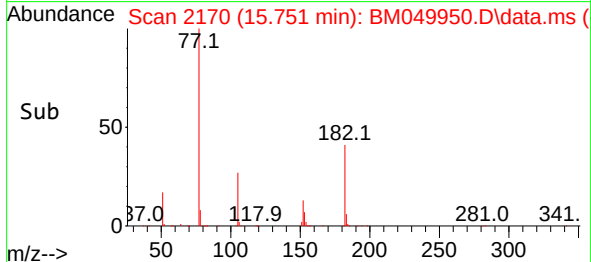
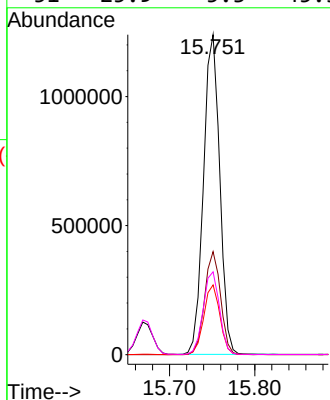
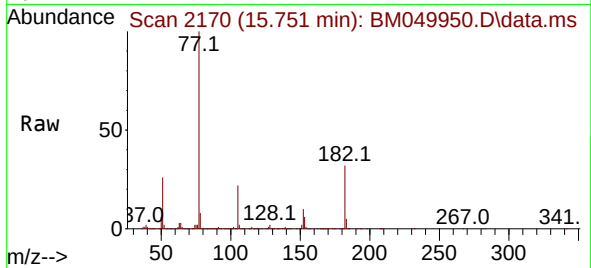




#63
Azobenzene
Concen: 41.535 ng
RT: 15.751 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

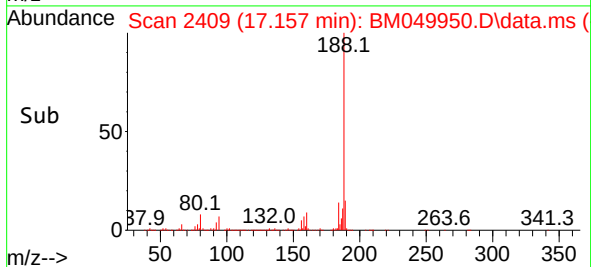
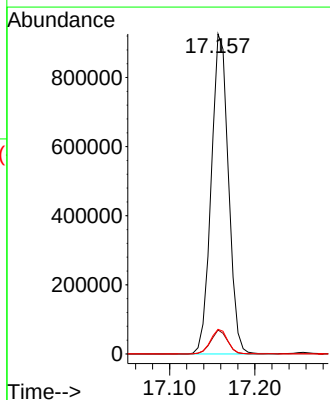
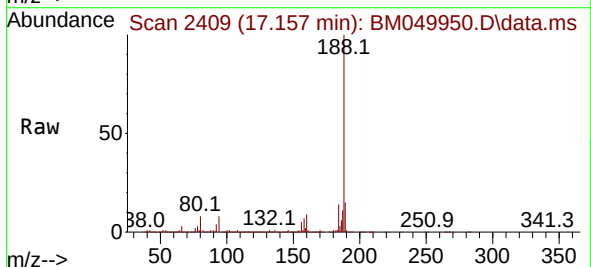
Instrument :
BNA_M
ClientSampleId :
PB167598BS

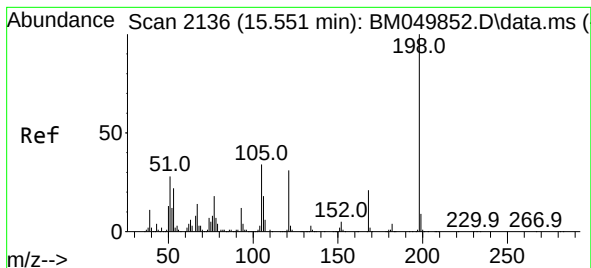
Tgt Ion: 77 Resp: 1640016
Ion Ratio Lower Upper
77 100
182 32.2 10.4 50.4
105 21.8 1.5 41.5
51 25.9 5.3 45.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:188 Resp: 1299345
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 7.7 6.4 9.6

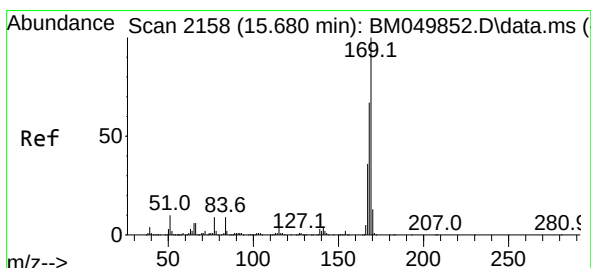
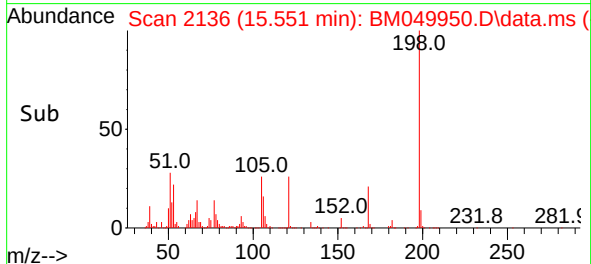
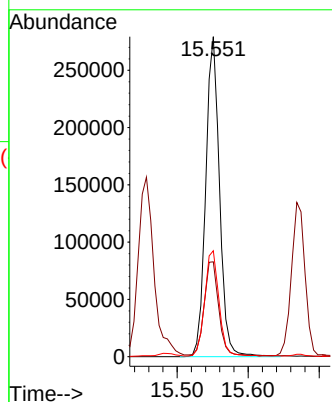
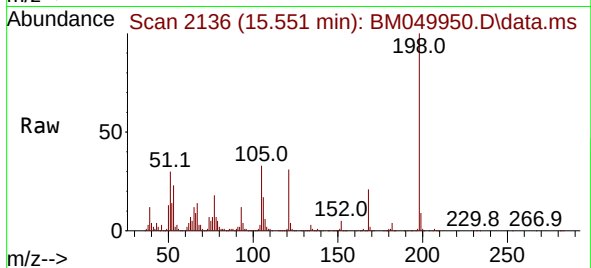




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.295 ng
 RT: 15.551 min Scan# 2136
 Delta R.T. -0.000 min
 Lab File: BM049950.D
 Acq: 16 Apr 2025 13:24

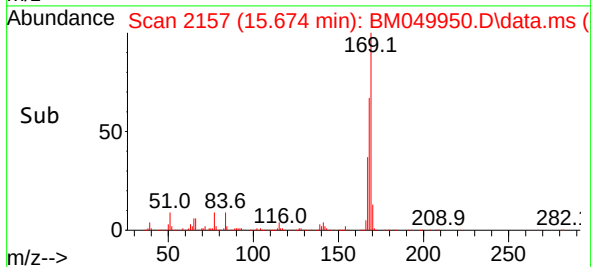
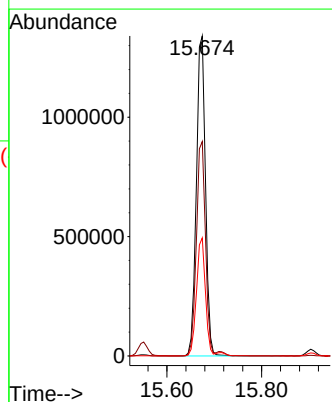
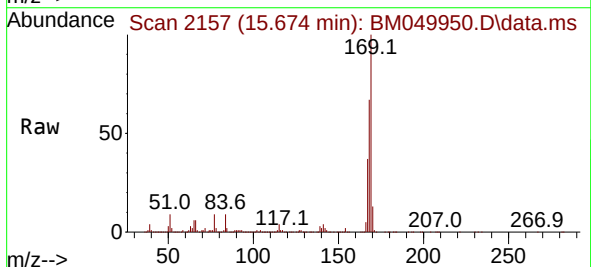
Instrument :
 BNA_M
 ClientSampleId :
 PB167598BS

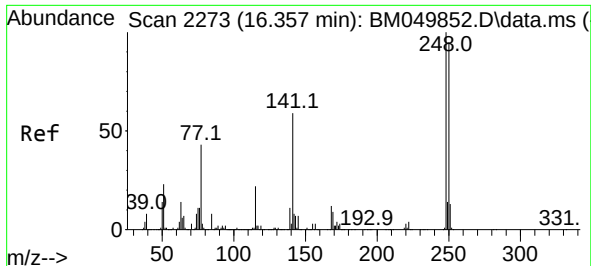
Tgt Ion:198 Resp: 379058
 Ion Ratio Lower Upper
 198 100
 51 29.7 9.6 49.6
 105 33.1 14.7 54.7



#66
 n-Nitrosodiphenylamine
 Concen: 45.916 ng
 RT: 15.674 min Scan# 2157
 Delta R.T. -0.006 min
 Lab File: BM049950.D
 Acq: 16 Apr 2025 13:24

Tgt Ion:169 Resp: 1785440
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.4 80.2
 167 36.9 29.0 43.6

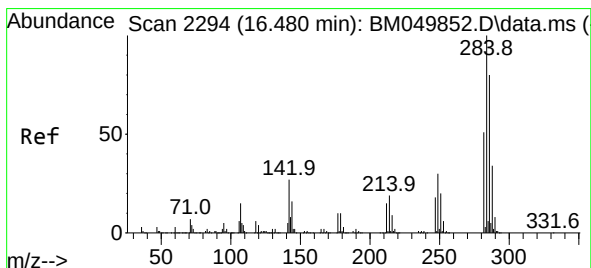
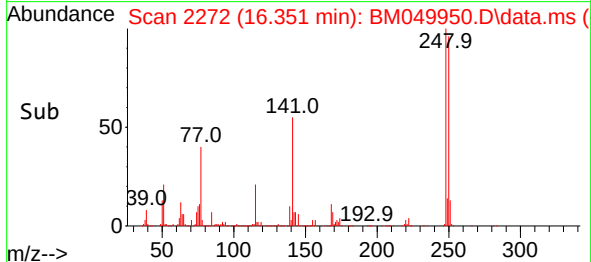
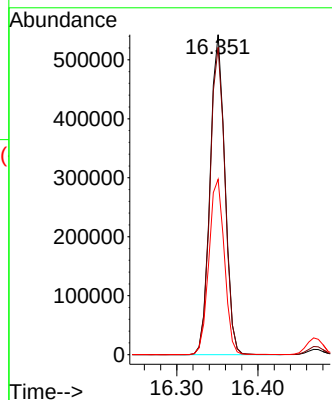
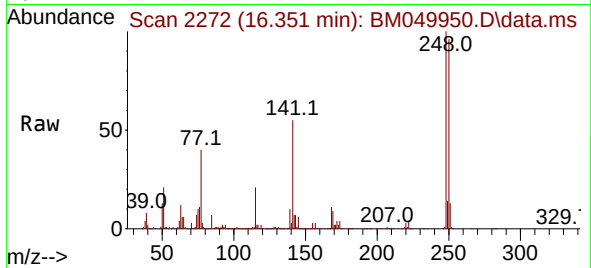




#67
4-Bromophenyl-phenylether
Concen: 45.587 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

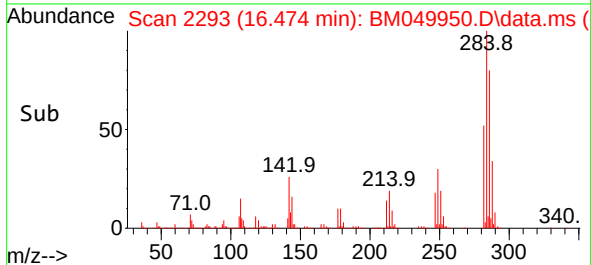
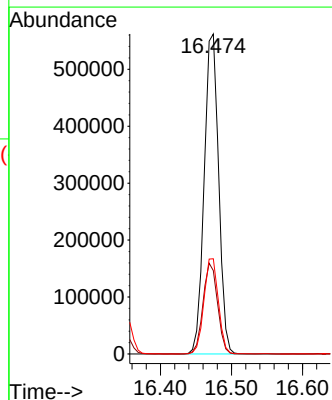
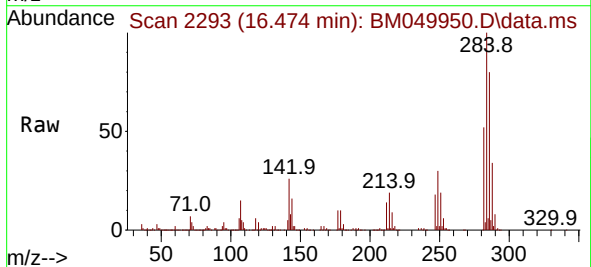
Instrument :
BNA_M
ClientSampleId :
PB167598BS

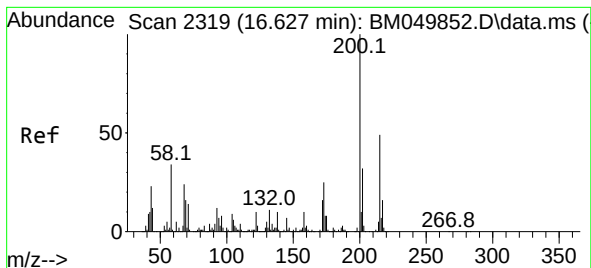
Tgt Ion:248 Resp: 687622
Ion Ratio Lower Upper
248 100
250 96.0 76.2 114.2
141 54.8 47.3 70.9



#68
Hexachlorobenzene
Concen: 46.045 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:284 Resp: 796653
Ion Ratio Lower Upper
284 100
142 26.1 21.2 31.8
249 29.8 24.1 36.1





#69

Atrazine

Concen: 61.614 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

PB167598BS

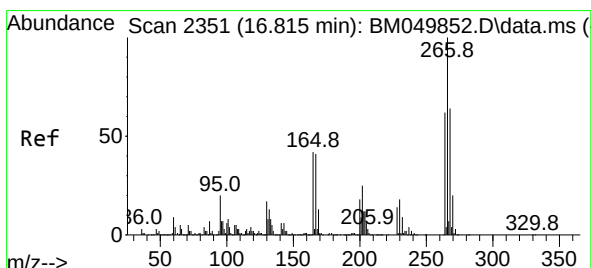
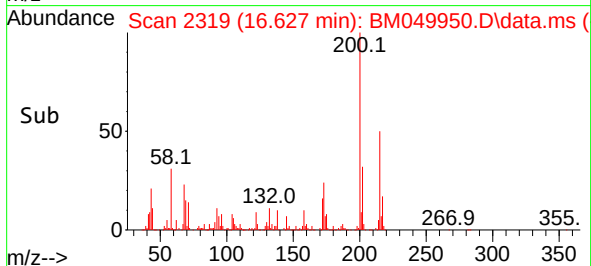
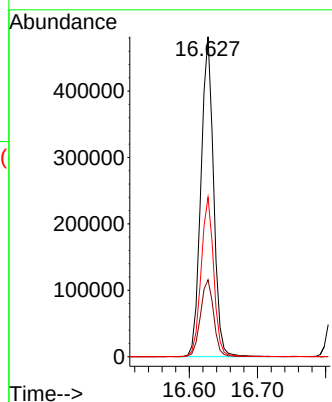
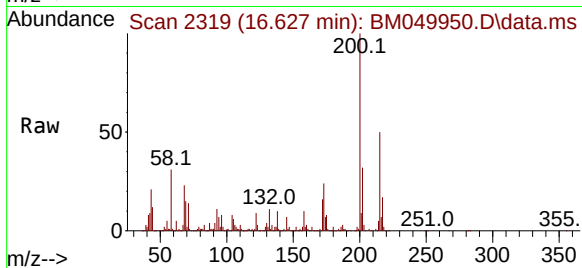
Tgt Ion:200 Resp: 621197

Ion Ratio Lower Upper

200 100

173 24.1 5.4 45.4

215 49.8 29.0 69.0



#70

Pentachlorophenol

Concen: 86.986 ng

RT: 16.816 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

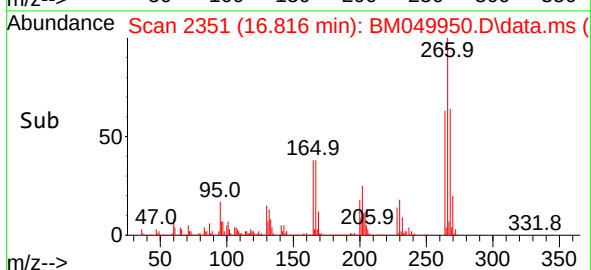
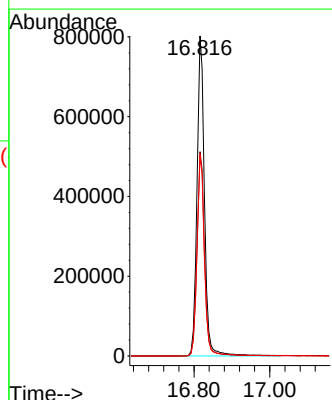
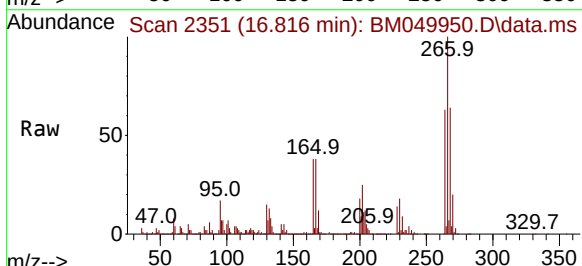
Tgt Ion:266 Resp: 1108006

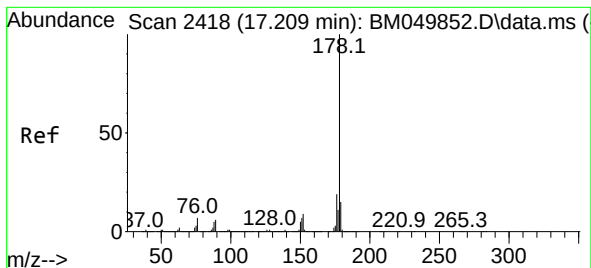
Ion Ratio Lower Upper

266 100

268 63.9 51.4 77.2

264 62.8 49.8 74.8





#71

Phenanthrene

Concen: 45.621 ng

RT: 17.204 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

PB167598BS

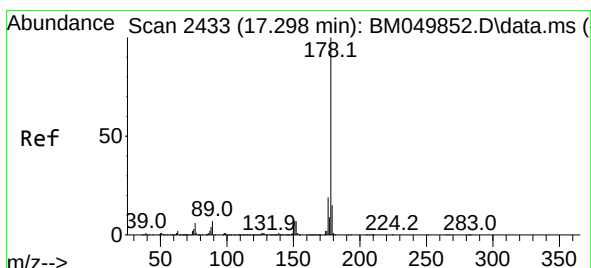
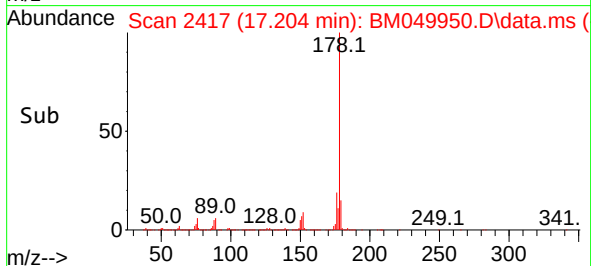
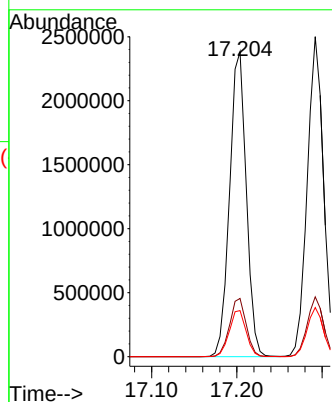
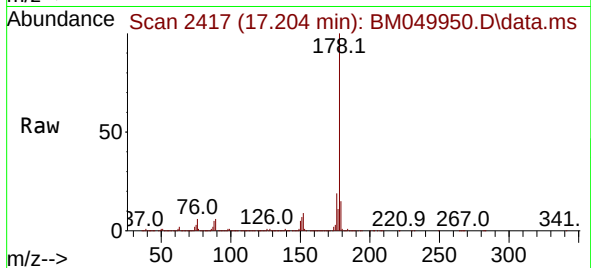
Tgt Ion:178 Resp: 3249787

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.1 12.3 18.5



#72

Anthracene

Concen: 47.345 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

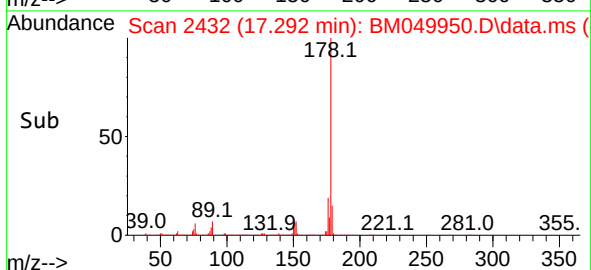
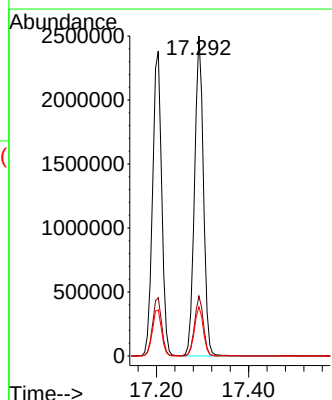
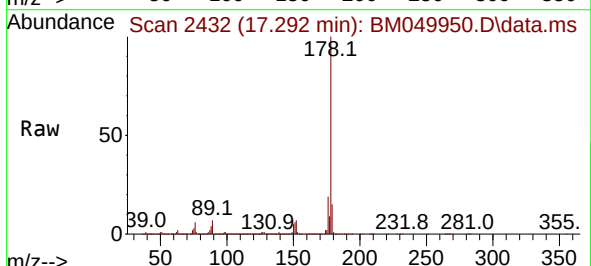
Tgt Ion:178 Resp: 3323653

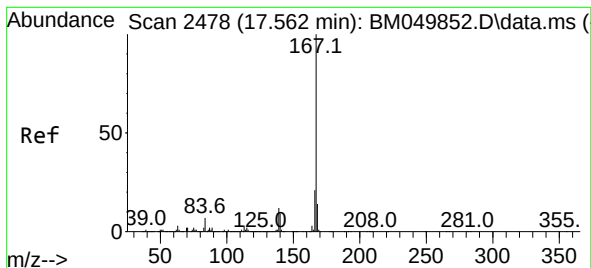
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.3 12.4 18.6





#73

Carbazole

Concen: 45.354 ng

RT: 17.563 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

PB167598BS

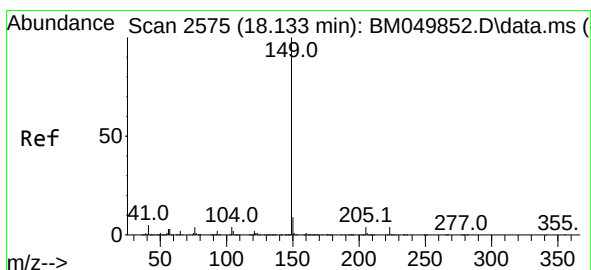
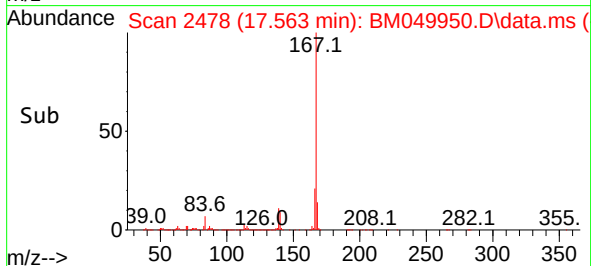
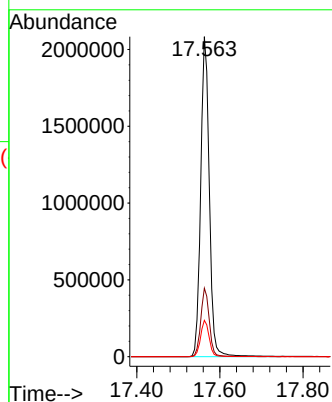
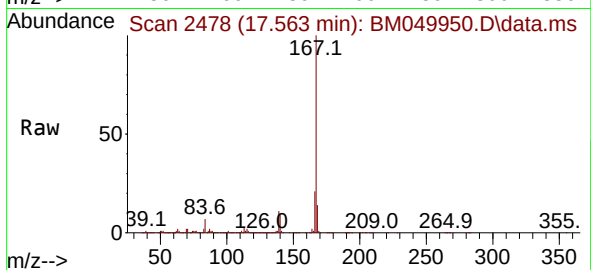
Tgt Ion:167 Resp: 2998862

Ion Ratio Lower Upper

167 100

166 21.4 16.9 25.3

139 11.3 9.3 13.9



#74

Di-n-butylphthalate

Concen: 43.416 ng

RT: 18.127 min Scan# 2574

Delta R.T. -0.006 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

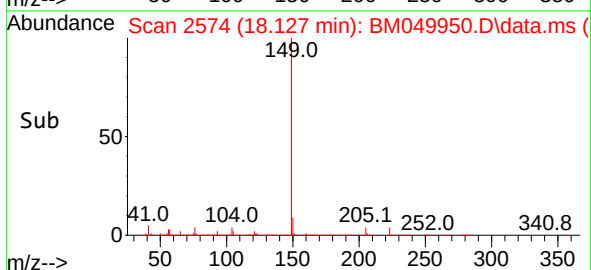
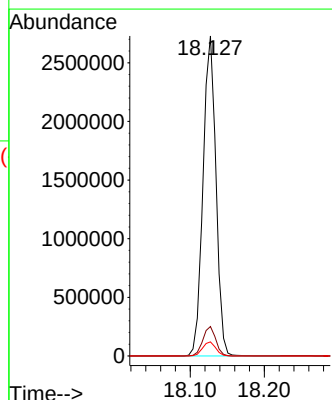
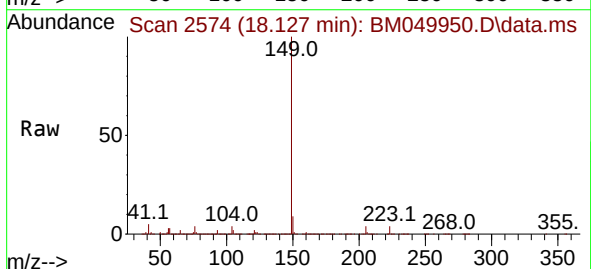
Tgt Ion:149 Resp: 3306467

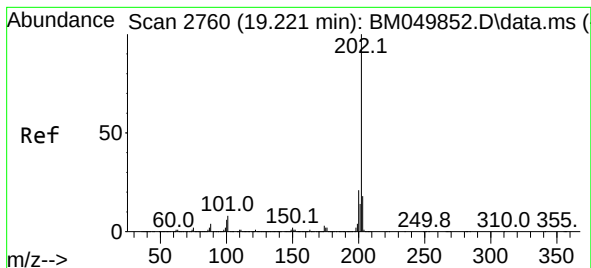
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 44.382 ng

RT: 19.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

PB167598BS

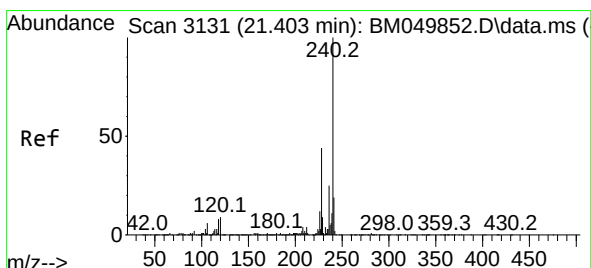
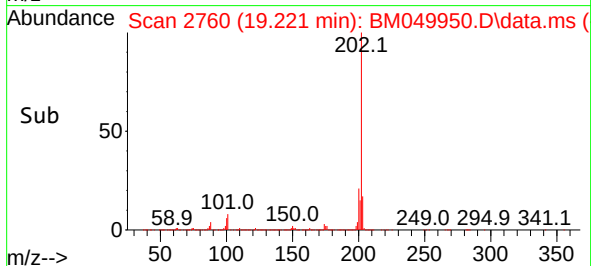
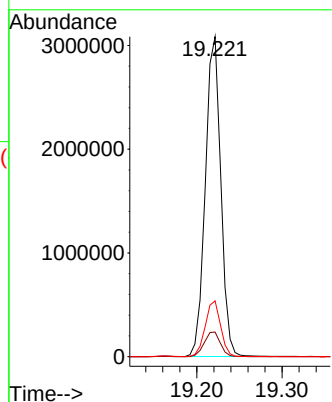
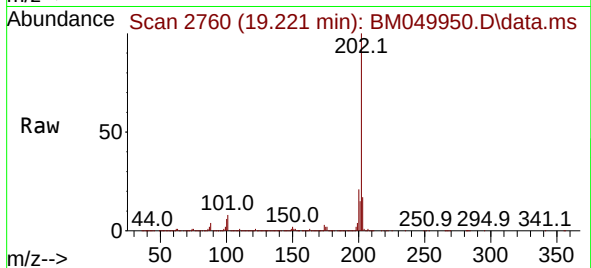
Tgt Ion:202 Resp: 3887240

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.4

203 17.4 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: BM049950.D

Acq: 16 Apr 2025 13:24

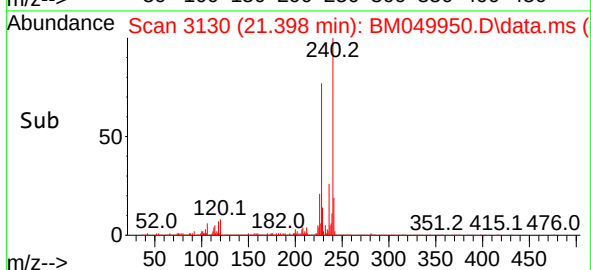
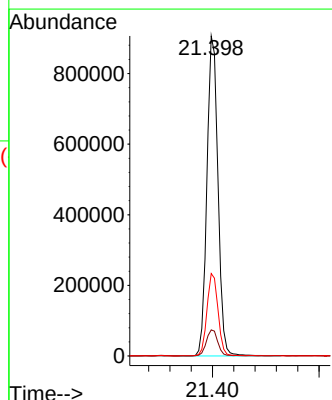
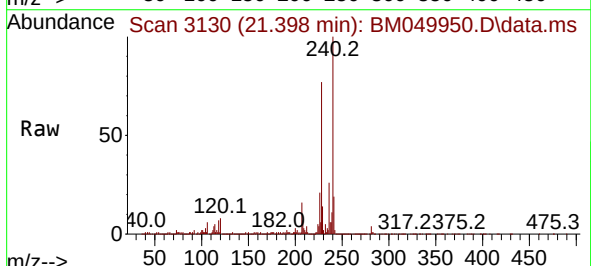
Tgt Ion:240 Resp: 1300650

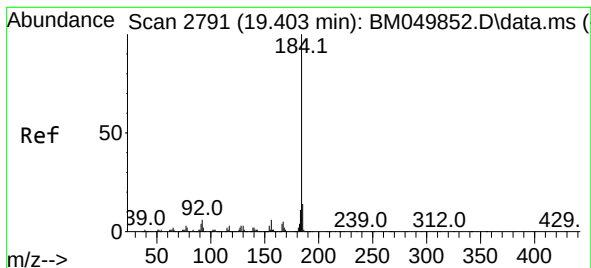
Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

236 25.8 20.4 30.6





#77

Benzidine

Concen: 90.299 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

PB167598BS

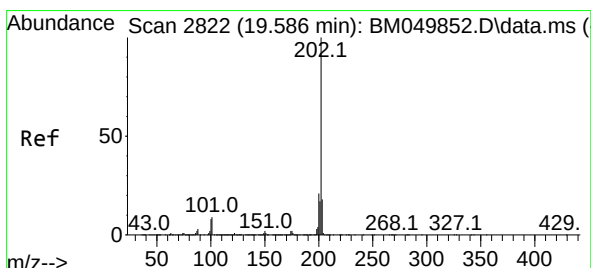
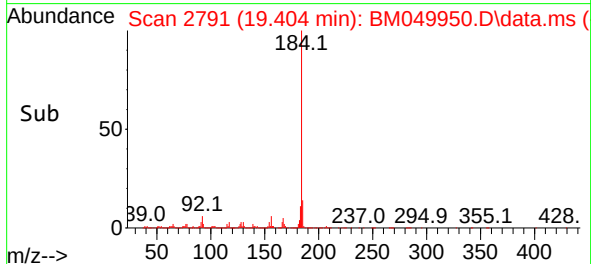
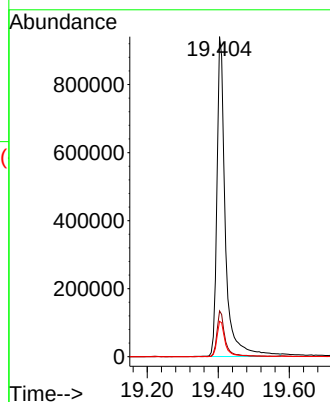
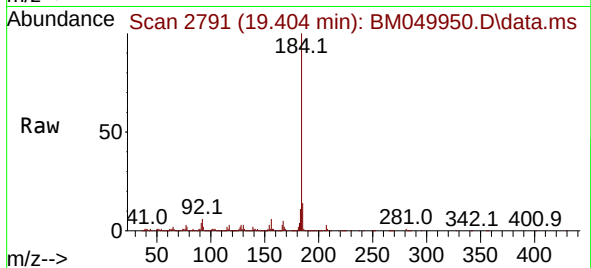
Tgt Ion:184 Resp: 1558107

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

183 11.1 8.8 13.2



#78

Pyrene

Concen: 45.243 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

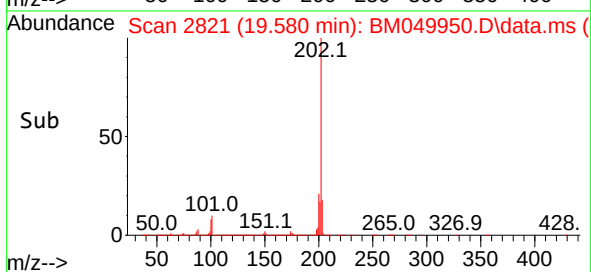
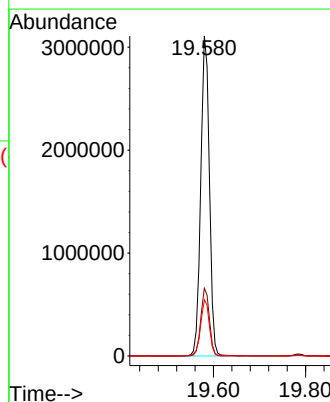
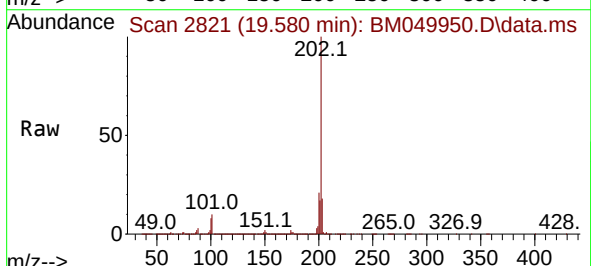
Tgt Ion:202 Resp: 4055477

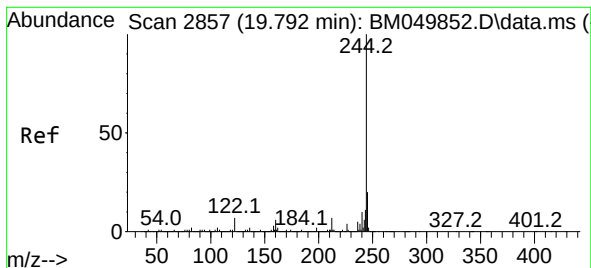
Ion Ratio Lower Upper

202 100

200 21.1 16.5 24.7

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 97.026 ng

RT: 19.786 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

PB167598BS

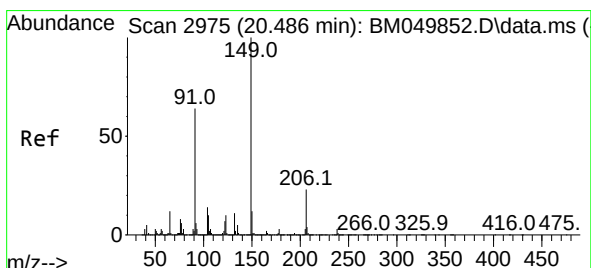
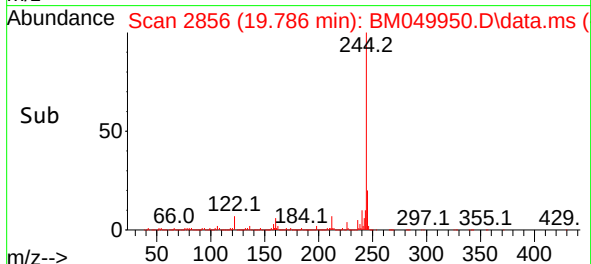
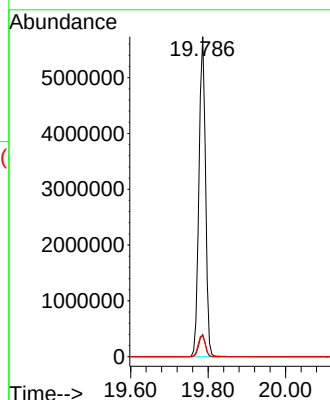
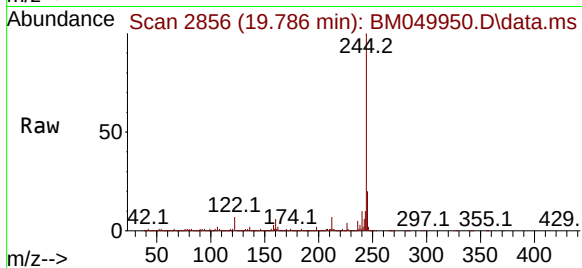
Tgt Ion:244 Resp: 6733933

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 6.5 5.4 8.0



#80

Butylbenzylphthalate

Concen: 44.488 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

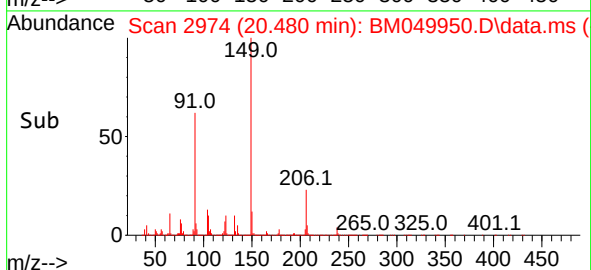
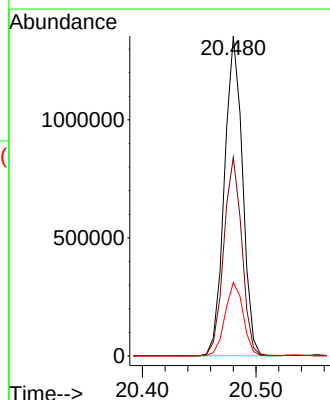
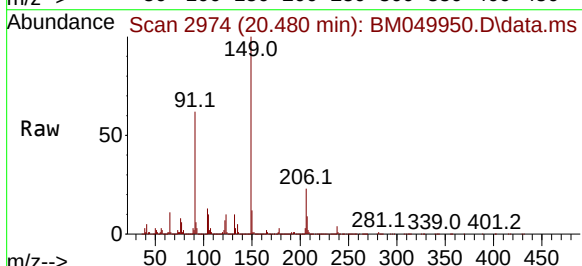
Tgt Ion:149 Resp: 1498435

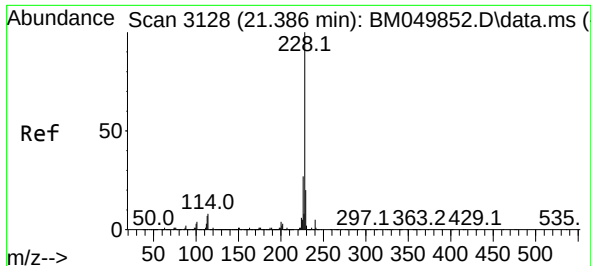
Ion Ratio Lower Upper

149 100

91 62.1 50.9 76.3

206 23.0 18.4 27.6

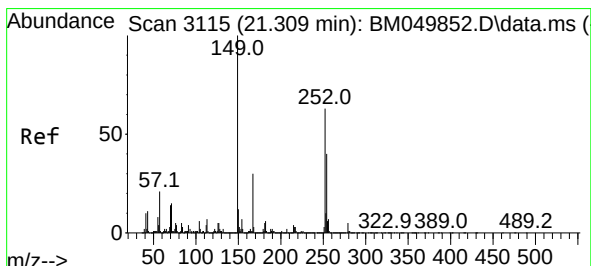
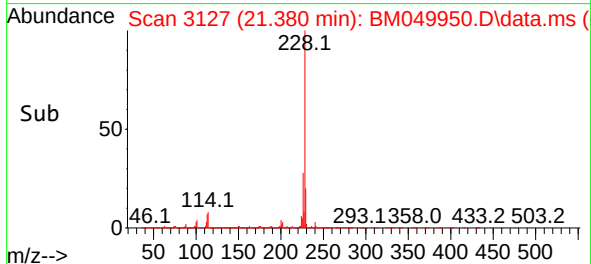
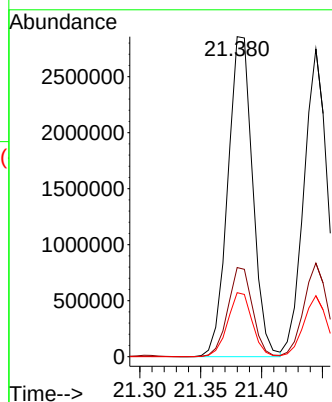
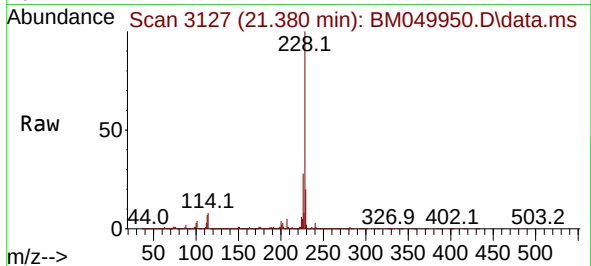




#81
Benzo(a)anthracene
Concen: 46.924 ng
RT: 21.380 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

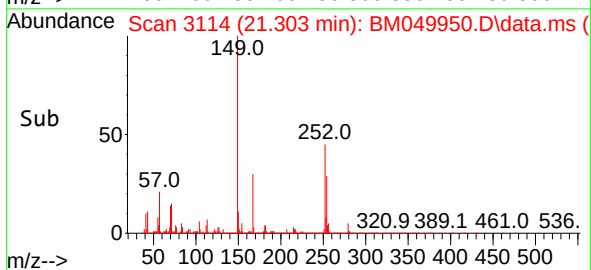
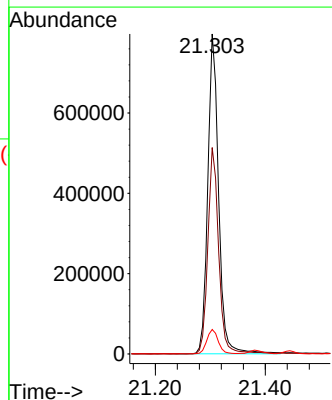
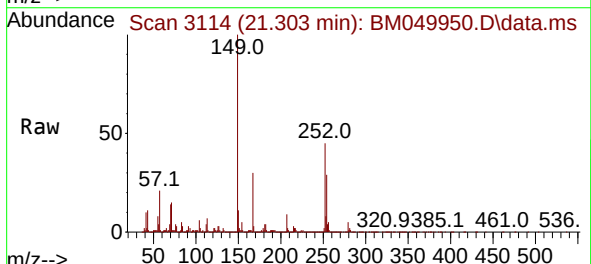
Instrument :
BNA_M
ClientSampleId :
PB167598BS

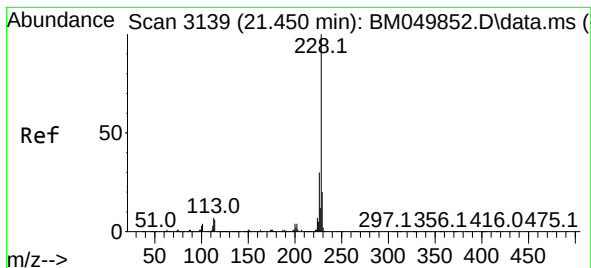
Tgt Ion:228 Resp: 4056115
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 33.305 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:252 Resp: 1087192
Ion Ratio Lower Upper
252 100
254 64.5 51.5 77.3
126 7.7 6.3 9.5





#83

Chrysene

Concen: 45.378 ng

RT: 21.445 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

PB167598BS

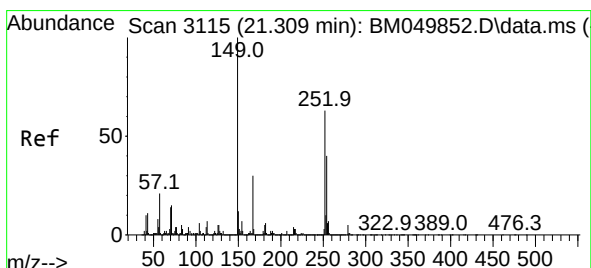
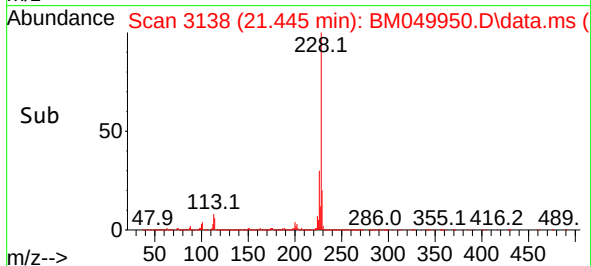
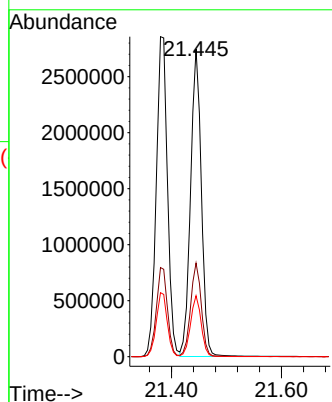
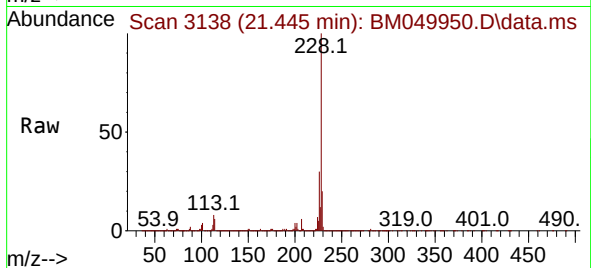
Tgt Ion:228 Resp: 3729136

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.217 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

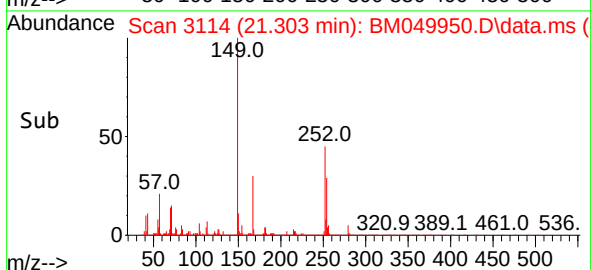
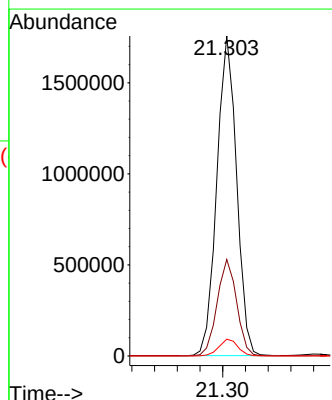
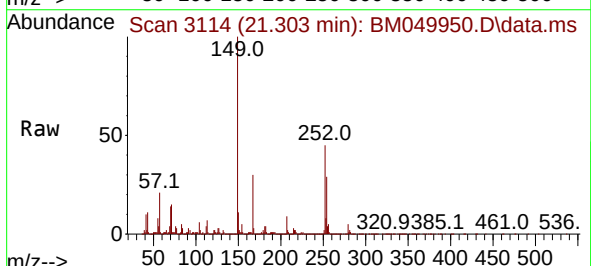
Tgt Ion:149 Resp: 2120824

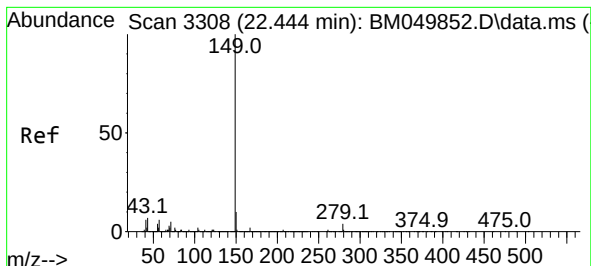
Ion Ratio Lower Upper

149 100

167 30.1 23.8 35.6

279 5.2 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 42.773 ng

RT: 22.433 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

PB167598BS

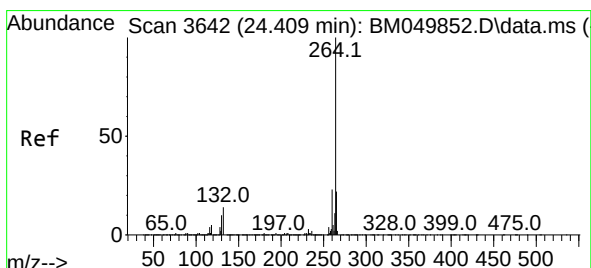
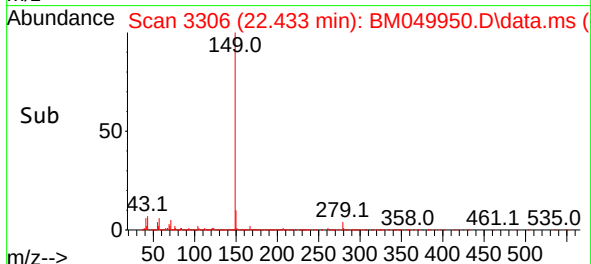
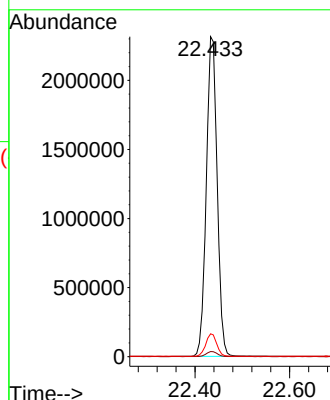
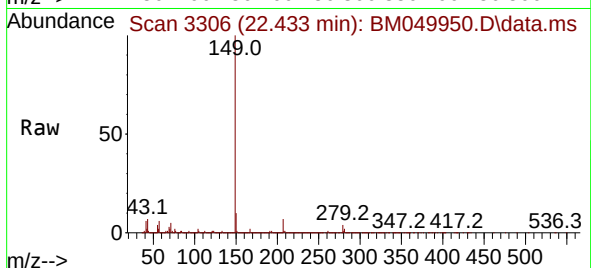
Tgt Ion:149 Resp: 3672100

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.0 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.403 min Scan# 3641

Delta R.T. -0.006 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

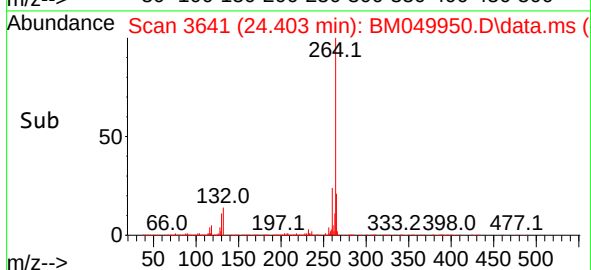
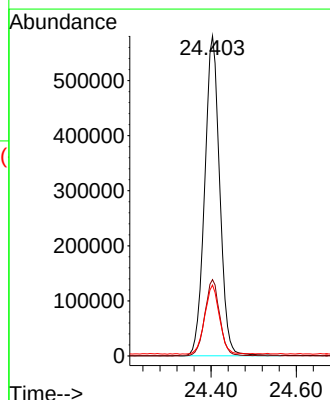
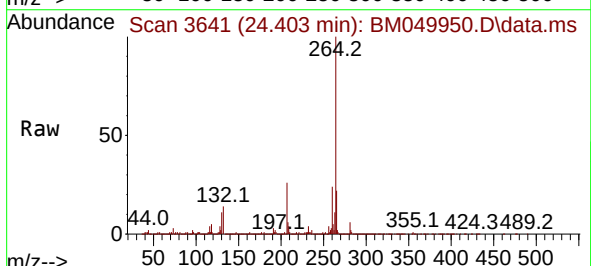
Tgt Ion:264 Resp: 1417881

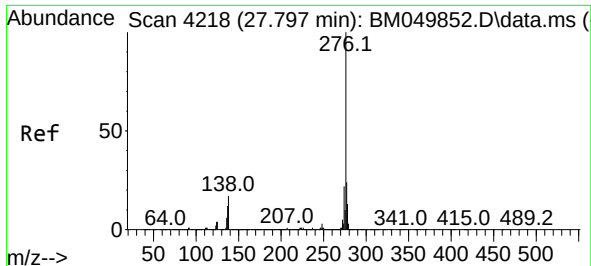
Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.1 17.8 26.8

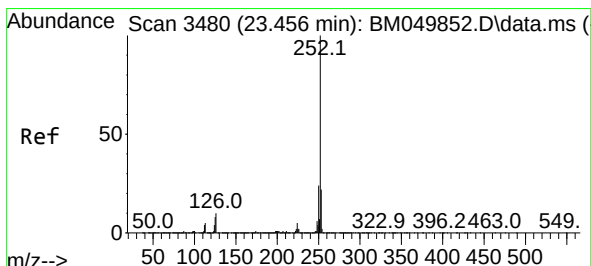
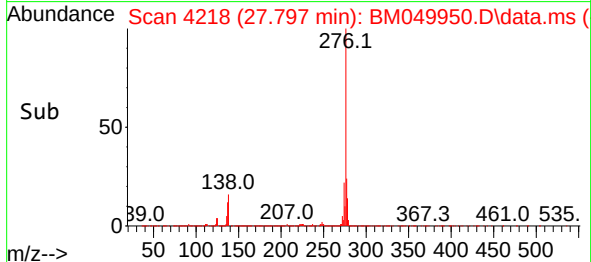
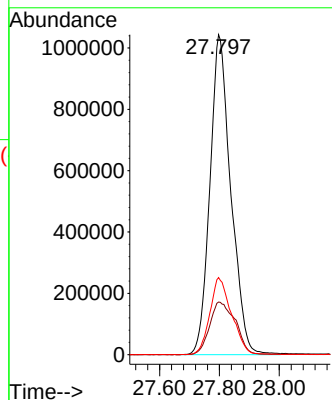
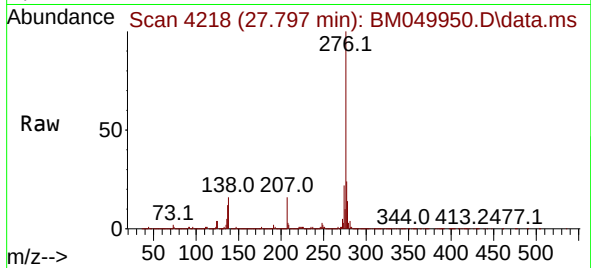




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.883 ng
RT: 27.797 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

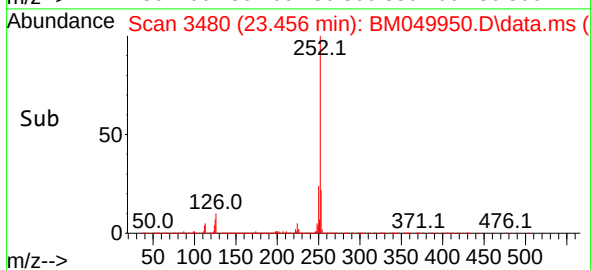
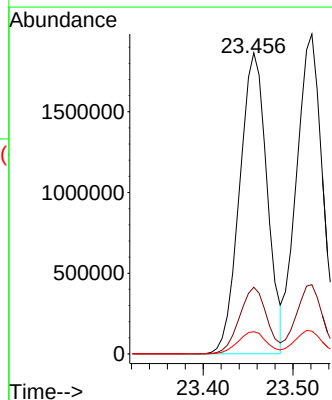
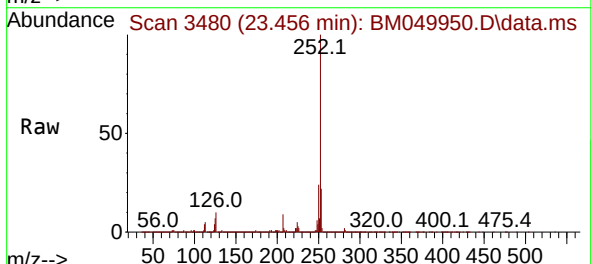
Instrument :
BNA_M
ClientSampleId :
PB167598BS

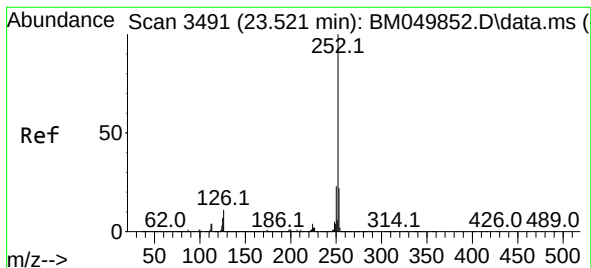
Tgt Ion:276 Resp: 5060750
Ion Ratio Lower Upper
276 100
138 20.3 16.8 25.2
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 43.927 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.000 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:252 Resp: 3977755
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 7.4 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 45.754 ng

RT: 23.521 min Scan# 3491

Delta R.T. 0.000 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

PB167598BS

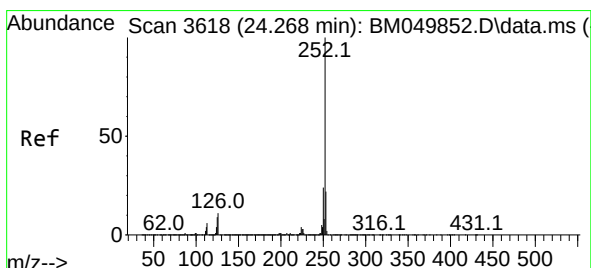
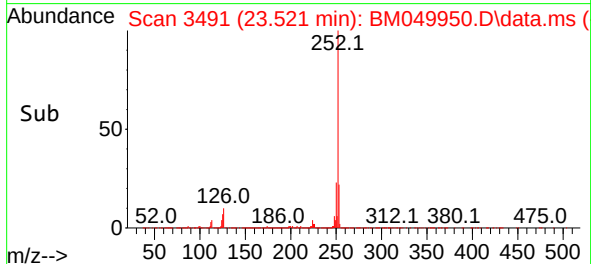
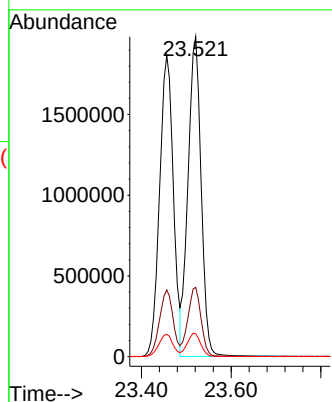
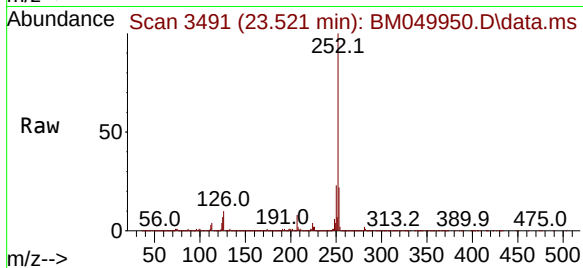
Tgt Ion:252 Resp: 4015062

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 7.1 5.8 8.8



#90

Benzo(a)pyrene

Concen: 49.151 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.006 min

Lab File: BM049950.D

Acq: 16 Apr 2025 13:24

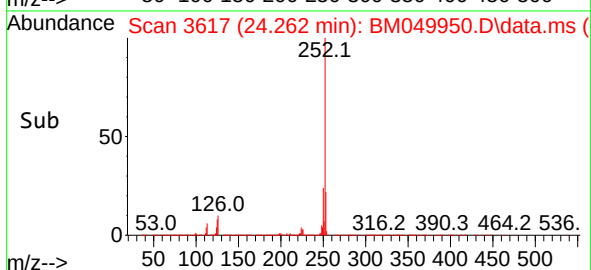
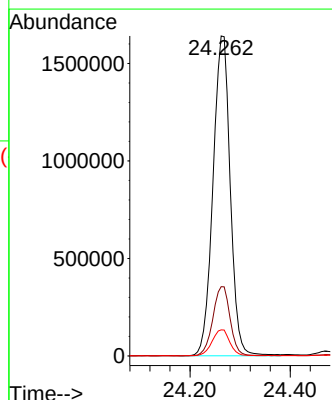
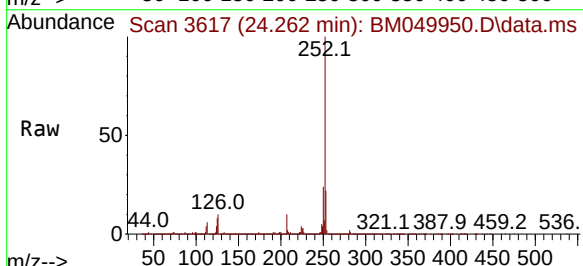
Tgt Ion:252 Resp: 3911108

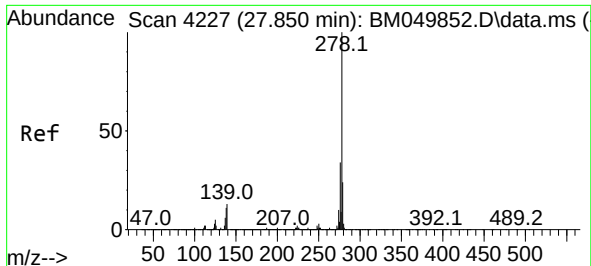
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.2 7.0 10.4

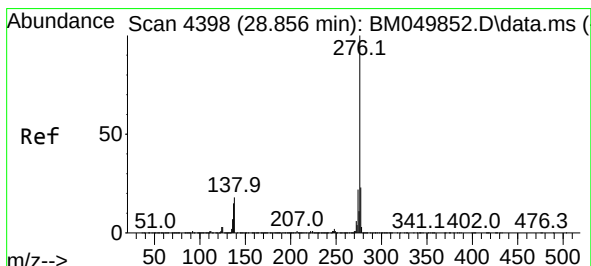
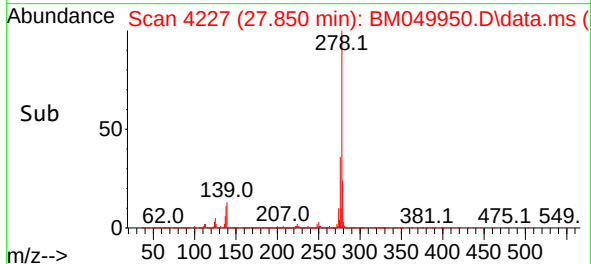
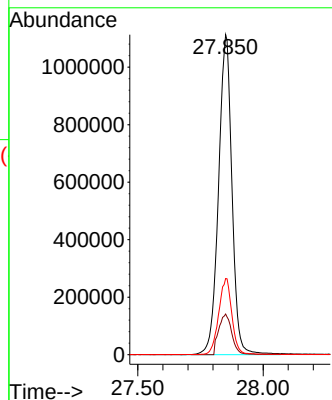
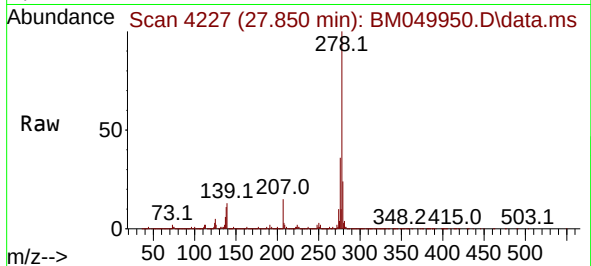




#91
Dibenzo(a,h)anthracene
Concen: 47.546 ng
RT: 27.850 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Instrument :
BNA_M
ClientSampleId :
PB167598BS

Tgt Ion:278 Resp: 4139162
Ion Ratio Lower Upper
278 100
139 12.7 10.6 15.8
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 45.674 ng
RT: 28.856 min Scan# 4398
Delta R.T. 0.000 min
Lab File: BM049950.D
Acq: 16 Apr 2025 13:24

Tgt Ion:276 Resp: 4063103
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 17.3 14.6 21.8

