

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
 Data File : BM049946.D
 Acq On : 16 Apr 2025 10:47
 Operator : RC/JU
 Sample : PB167561BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167561BS

Quant Time: Apr 16 11:52:11 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	344544	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1168166	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	724098	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1400705	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1385980	20.000	ng	0.00
86) Perylene-d12	24.403	264	1475766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2500636	123.243	ng	0.00
7) Phenol-d6	6.951	99	3034248	120.193	ng	0.00
23) Nitrobenzene-d5	8.928	82	1784293	85.055	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1428984	135.677	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4585193	85.866	ng	-0.01
79) Terphenyl-d14	19.786	244	7113036	96.179	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	305364	36.543	ng	99
3) Pyridine	3.652	79	839923	38.257	ng	100
4) n-Nitrosodimethylamine	3.563	42	357385	42.774	ng	97
6) Aniline	7.098	93	584662	27.028	ng	99
8) 2-Chlorophenol	7.340	128	925263	44.497	ng	100
9) Benzaldehyde	6.910	77	315307	24.339	ng	96
10) Phenol	6.981	94	1077085	43.721	ng	98
11) bis(2-Chloroethyl)ether	7.193	93	851657	44.084	ng	98
12) 1,3-Dichlorobenzene	7.657	146	1087817	44.249	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1089017	44.025	ng	98
14) 1,2-Dichlorobenzene	8.122	146	1041915	44.719	ng	99
15) Benzyl Alcohol	8.016	79	693251	43.610	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1015241	47.149	ng	99
17) 2-Methylphenol	8.222	107	697999	45.977	ng	99
18) Hexachloroethane	8.851	117	385306	44.772	ng	95
19) n-Nitroso-di-n-propyla...	8.581	70	621484	44.449	ng	99
20) 3+4-Methylphenols	8.551	107	931780	45.019	ng	99
22) Acetophenone	8.592	105	1240801	43.705	ng	# 99
24) Nitrobenzene	8.969	77	886701	43.896	ng	97
25) Isophorone	9.498	82	1647927	46.893	ng	99
26) 2-Nitrophenol	9.681	139	481328	44.958	ng	100
27) 2,4-Dimethylphenol	9.751	122	777955	64.118	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	1040001	44.204	ng	99
29) 2,4-Dichlorophenol	10.228	162	887483	44.003	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	1035844	44.396	ng	99
31) Naphthalene	10.616	128	2540704	42.327	ng	99
32) Benzoic acid	9.898	122	448096	33.033	ng	99
33) 4-Chloroaniline	10.733	127	422507	19.934	ng	99
34) Hexachlorobutadiene	10.904	225	661145	45.810	ng	98
35) Caprolactam	11.516	113	236399	40.867	ng	95
36) 4-Chloro-3-methylphenol	11.869	107	768202	43.483	ng	98
37) 2-Methylnaphthalene	12.233	142	1647892	38.965	ng	99
38) 1-Methylnaphthalene	12.451	142	1726179	41.896	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1147225	45.287	ng	99
41) Hexachlorocyclopentadiene	12.580	237	1458344	164.291	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	745515	46.248	ng	98

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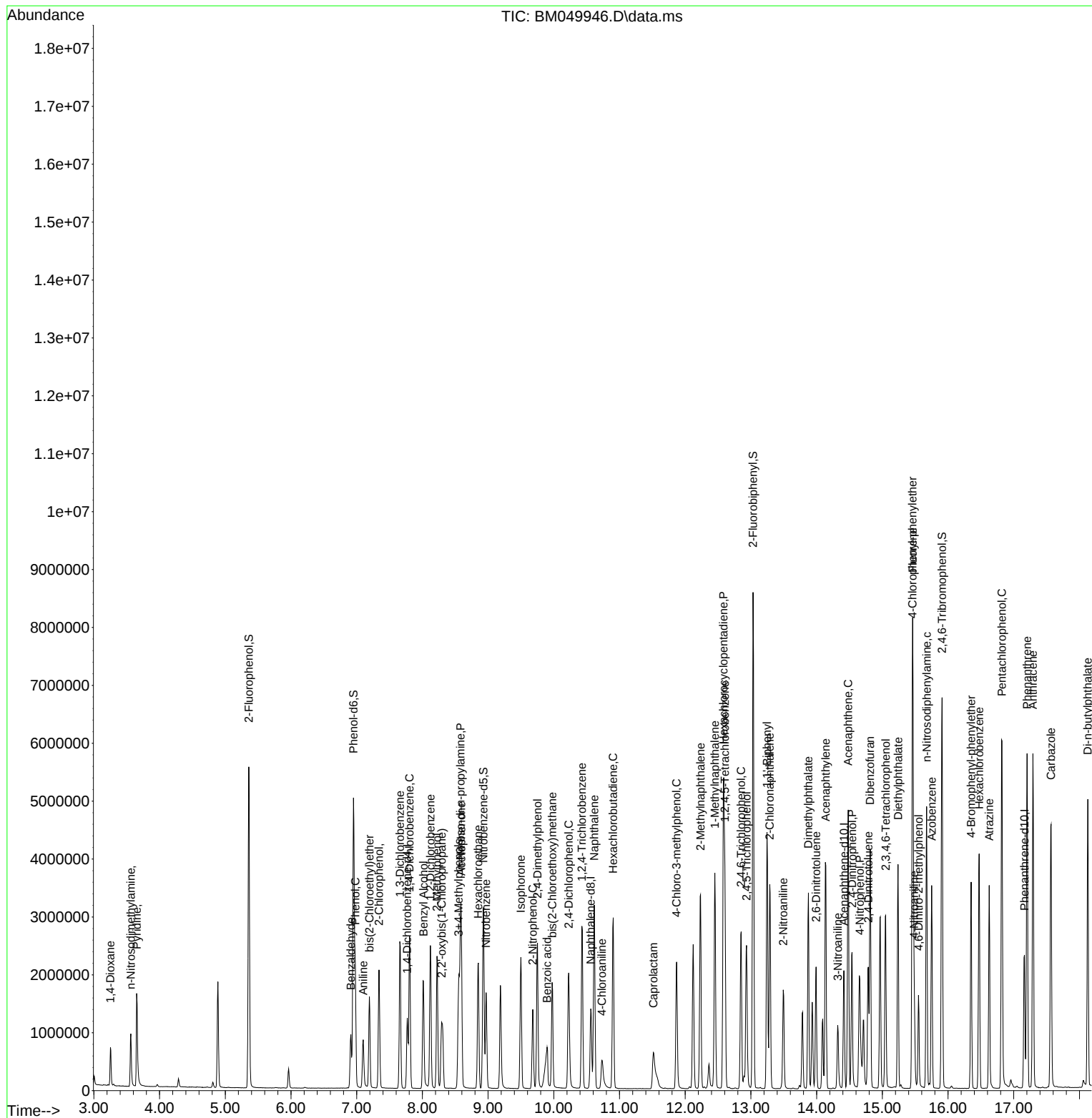
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	806747	46.054	ng	98
46) 1,1'-Biphenyl	13.245	154	2367225	43.978	ng	99
47) 2-Chloronaphthalene	13.286	162	1883541	44.520	ng	99
48) 2-Nitroaniline	13.492	65	457567	46.750	ng	96
49) Acenaphthylene	14.139	152	2945348	47.793	ng	100
50) Dimethylphthalate	13.874	163	2259246	44.226	ng	100
51) 2,6-Dinitrotoluene	13.992	165	490474	45.827	ng	98
52) Acenaphthene	14.480	154	1708188	43.576	ng	100
53) 3-Nitroaniline	14.322	138	330670	31.966	ng	97
54) 2,4-Dinitrophenol	14.539	184	632507	81.461	ng	96
55) Dibenzofuran	14.816	168	2765458	42.201	ng	99
56) 4-Nitrophenol	14.657	139	833480	90.417	ng	97
57) 2,4-Dinitrotoluene	14.786	165	691423	48.424	ng	95
58) Fluorene	15.463	166	2296970	44.097	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	681206	44.368	ng	97
60) Diethylphthalate	15.239	149	2097689	42.820	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1248230	44.696	ng	99
62) 4-Nitroaniline	15.486	138	478270	44.709	ng	99
63) Azobenzene	15.751	77	1798794	42.888	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	402662	45.619	ng	98
66) n-Nitrosodiphenylamine	15.674	169	1937966	46.232	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	756659	46.534	ng	96
68) Hexachlorobenzene	16.474	284	873570	46.837	ng	99
69) Atrazine	16.627	200	680092	62.575	ng	98
70) Pentachlorophenol	16.821	266	1207016	87.902	ng	100
71) Phenanthrene	17.204	178	3487931	45.420	ng	100
72) Anthracene	17.292	178	3556152	46.991	ng	100
73) Carbazole	17.568	167	3220292	45.179	ng	99
74) Di-n-butylphthalate	18.127	149	3632427	44.244	ng	100
75) Fluoranthene	19.221	202	4234469	44.847	ng	99
77) Benzidine	19.409	184	1398289	76.048	ng	99
78) Pyrene	19.586	202	4376861	45.822	ng	99
80) Butylbenzylphthalate	20.480	149	1626969	45.330	ng	98
81) Benzo(a)anthracene	21.386	228	4280510	46.471	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	1097289	31.545	ng	100
83) Chrysene	21.445	228	3943451	45.031	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2300490	43.993	ng	99
85) Di-n-octyl phthalate	22.439	149	3952059	43.200	ng	100
87) Indeno(1,2,3-cd)pyrene	27.809	276	5103768	46.396	ng	99
88) Benzo(b)fluoranthene	23.462	252	4181505	44.365	ng	99
89) Benzo(k)fluoranthene	23.521	252	4136825	45.292	ng	99
90) Benzo(a)pyrene	24.268	252	4022413	48.567	ng	99
91) Dibenzo(a,h)anthracene	27.856	278	4167418	45.993	ng	100
92) Benzo(g,h,i)perylene	28.868	276	4014440	43.356	ng	99

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

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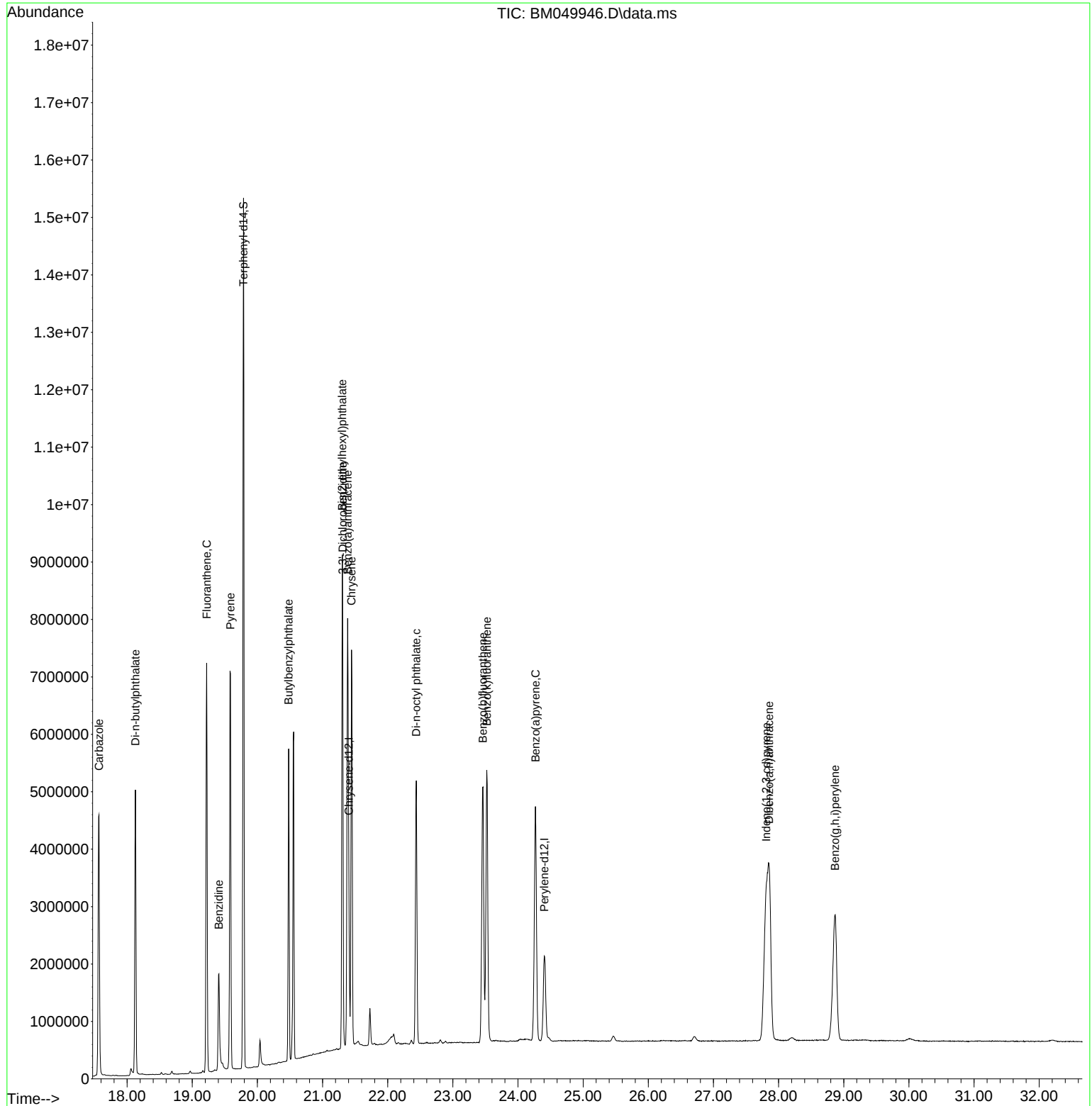
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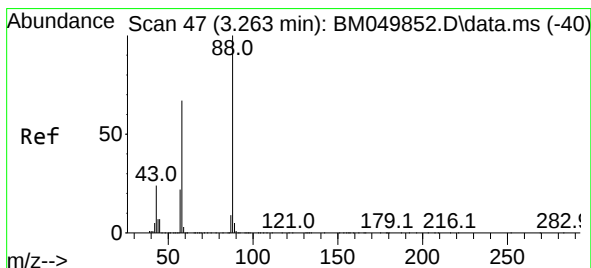
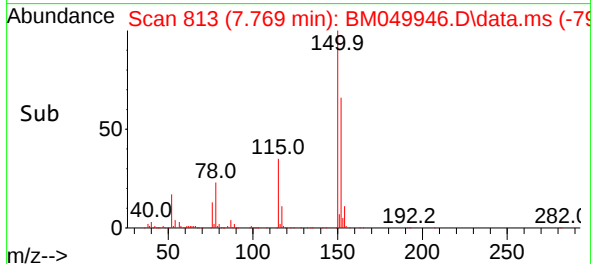
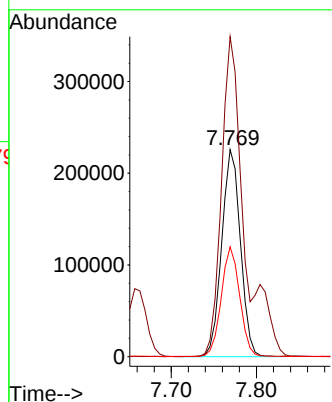
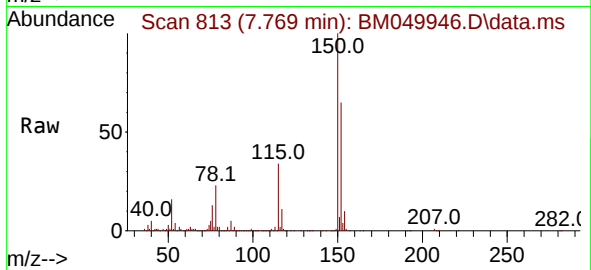




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 815
 Delta R.T. -0.012 min
 Lab File: BM049946.D
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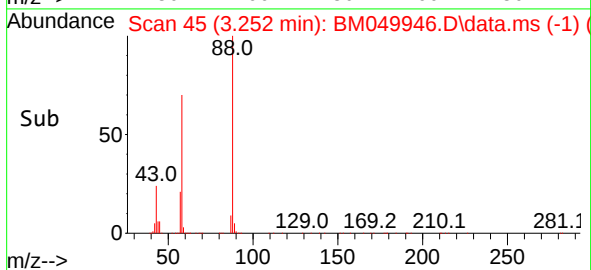
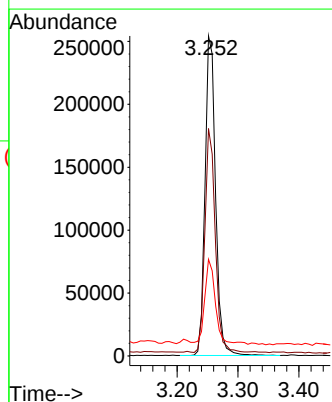
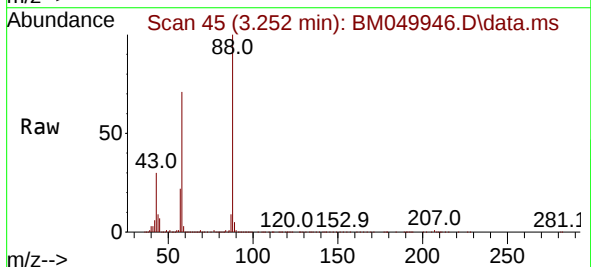
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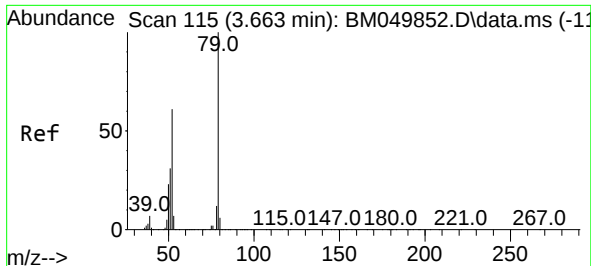
Tgt Ion:152 Resp: 344544
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.3 186.5
 115 53.0 41.1 61.7



#2
 1,4-Dioxane
 Concen: 36.543 ng
 RT: 3.252 min Scan# 45
 Delta R.T. -0.012 min
 Lab File: BM049946.D
 Acq: 16 Apr 2025 10:47

Tgt Ion: 88 Resp: 305364
 Ion Ratio Lower Upper
 88 100
 58 68.5 54.1 81.1
 43 24.8 20.2 30.4





#3

Pyridine

Concen: 38.257 ng

RT: 3.652 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

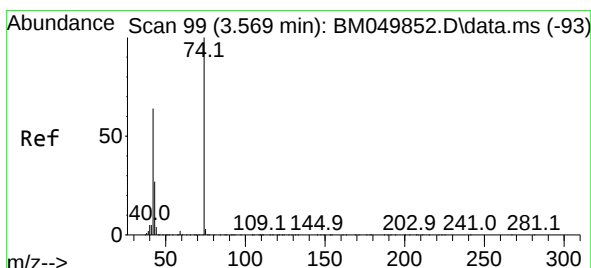
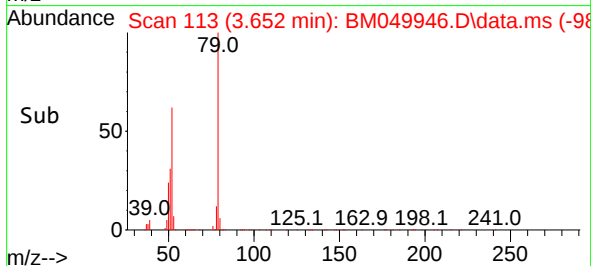
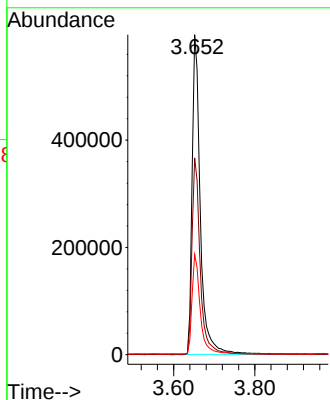
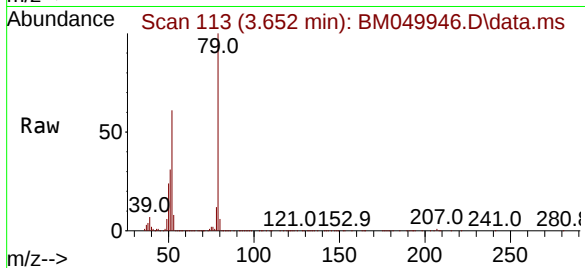
Tgt Ion: 79 Resp: 839923

Ion Ratio Lower Upper

79 100

52 61.5 48.9 73.3

51 31.4 25.0 37.6



#4

n-Nitrosodimethylamine

Concen: 42.774 ng

RT: 3.563 min Scan# 98

Delta R.T. -0.006 min

Lab File: BM049946.D

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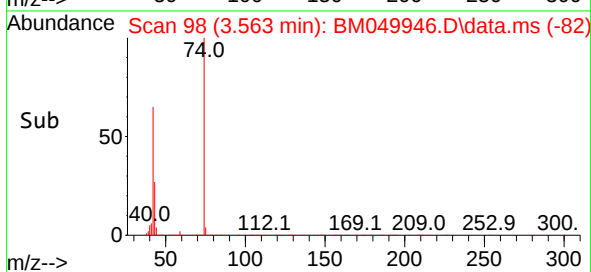
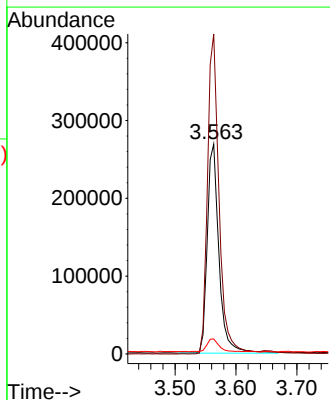
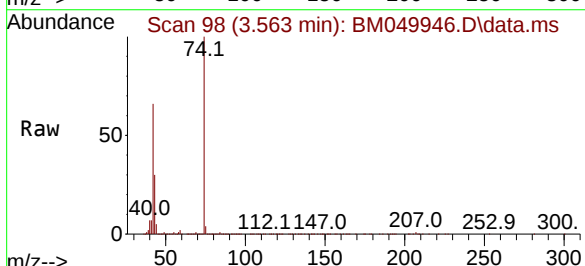
Tgt Ion: 42 Resp: 357385

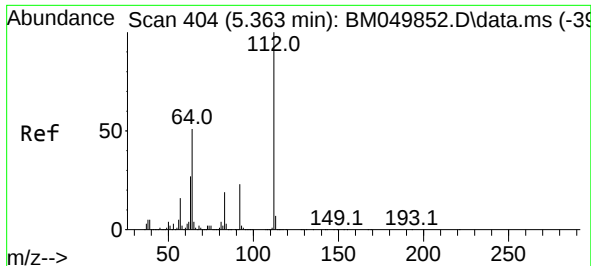
Ion Ratio Lower Upper

42 100

74 152.5 125.4 188.2

44 7.1 5.9 8.9

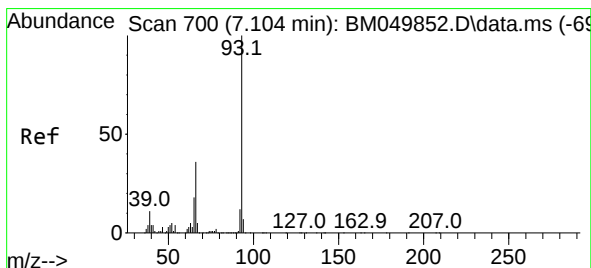
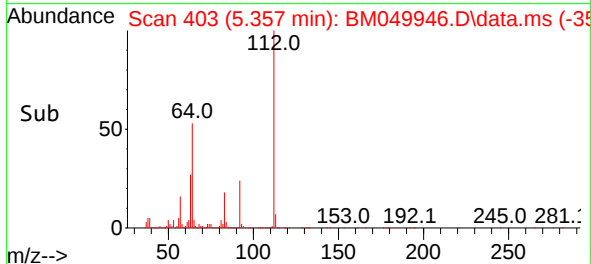
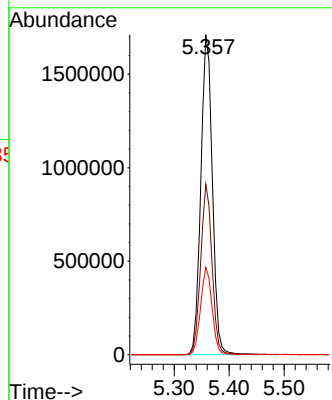
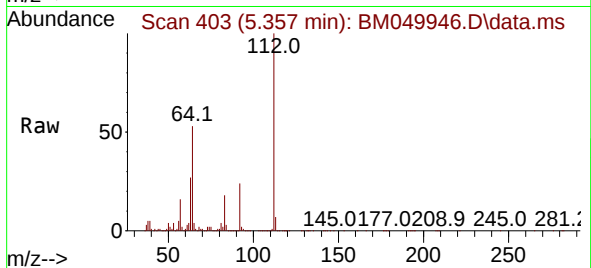




#5
2-Fluorophenol
Concen: 123.243 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
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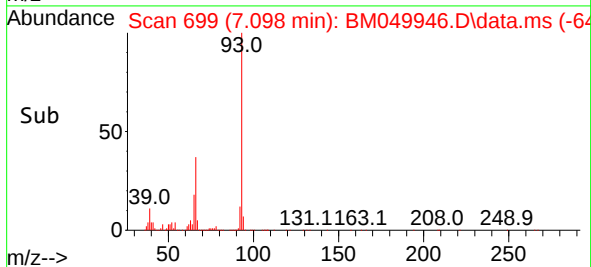
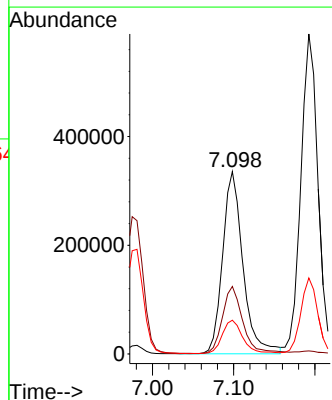
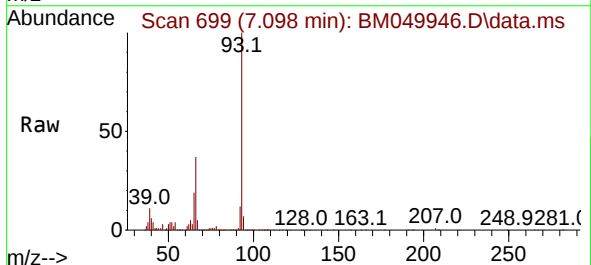
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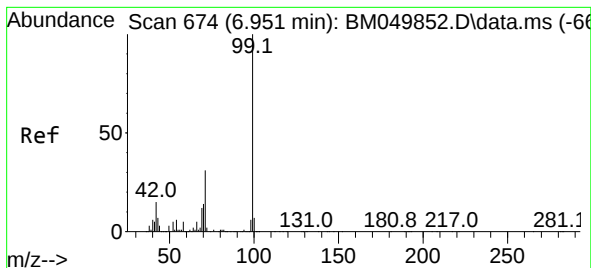
Tgt Ion:112 Resp: 2500636
Ion Ratio Lower Upper
112 100
64 53.2 41.0 61.6
63 27.3 21.5 32.3



#6
Aniline
Concen: 27.028 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM049946.D
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Tgt Ion: 93 Resp: 584662
Ion Ratio Lower Upper
93 100
66 37.1 29.1 43.7
65 18.5 14.9 22.3

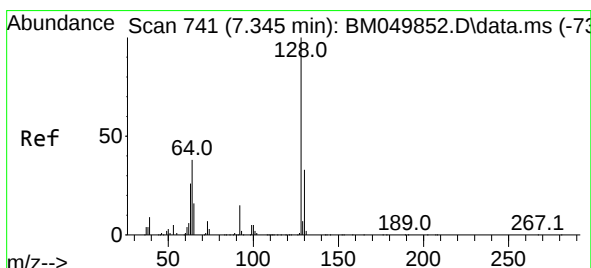
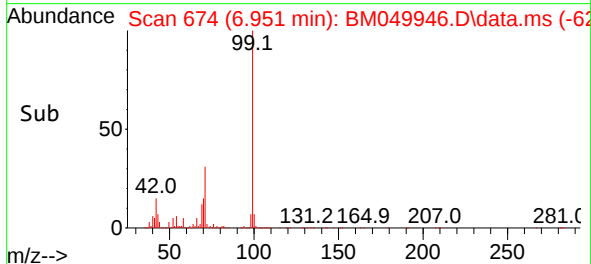
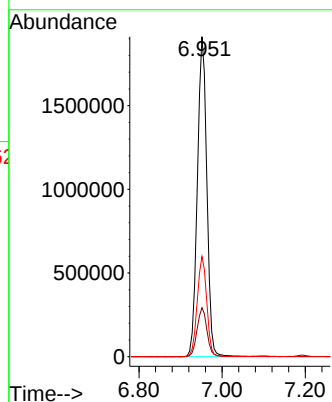
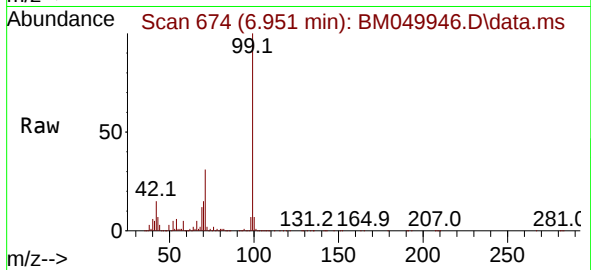




#7
Phenol-d6
Concen: 120.193 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049946.D
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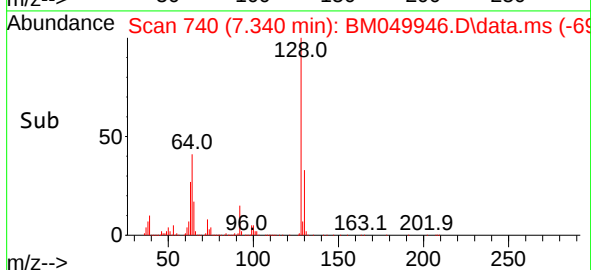
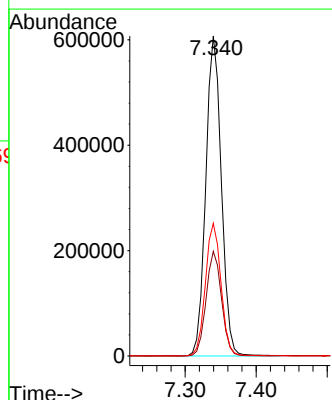
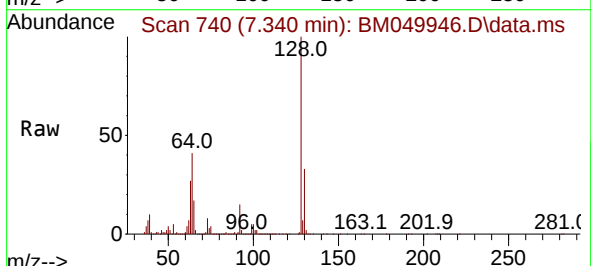
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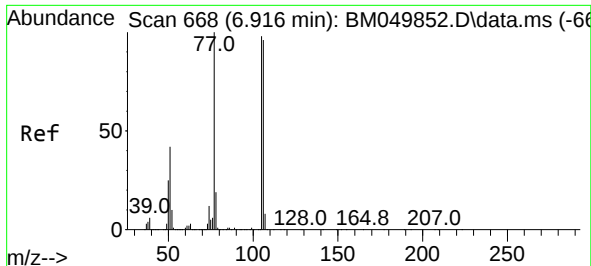
Tgt Ion: 99 Resp: 3034248
Ion Ratio Lower Upper
99 100
42 15.3 12.1 18.1
71 31.3 24.9 37.3



#8
2-Chlorophenol
Concen: 44.497 ng
RT: 7.340 min Scan# 740
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion: 128 Resp: 925263
Ion Ratio Lower Upper
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130 32.7 12.6 52.6
64 41.5 21.1 61.1

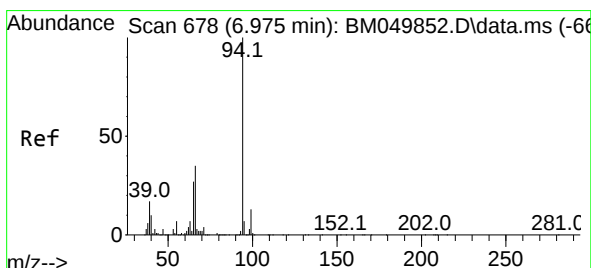
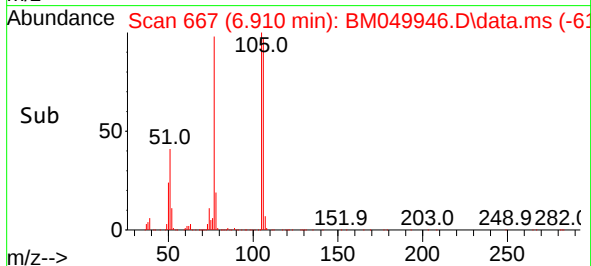
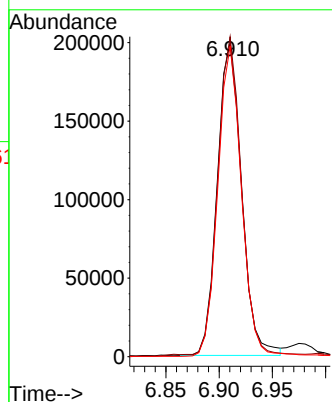
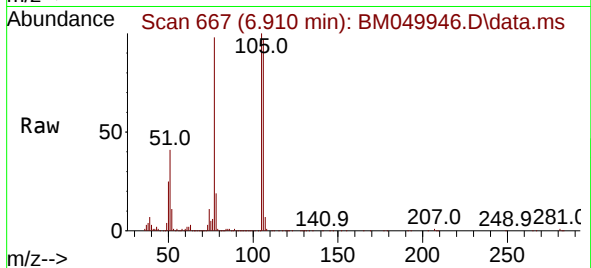




#9
Benzaldehyde
Concen: 24.339 ng
RT: 6.910 min Scan# 668
Delta R.T. -0.006 min
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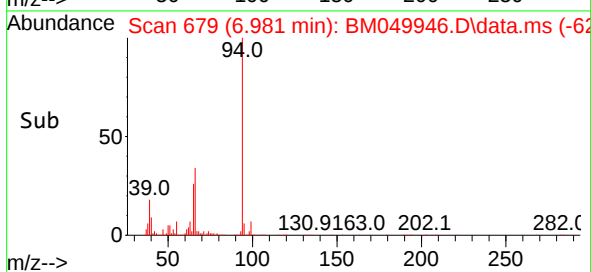
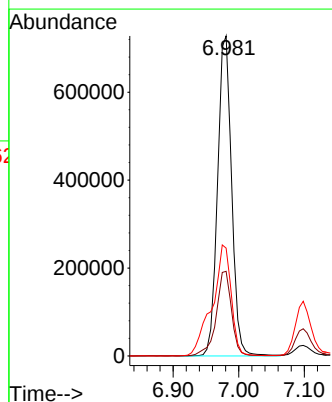
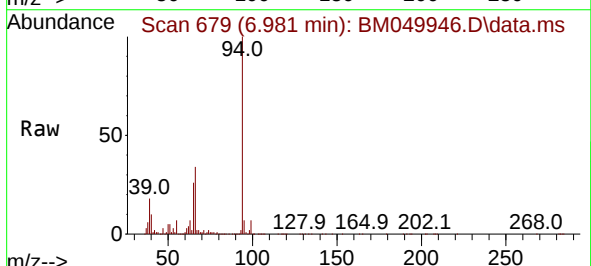
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ClientSampleId :
PB167561BS

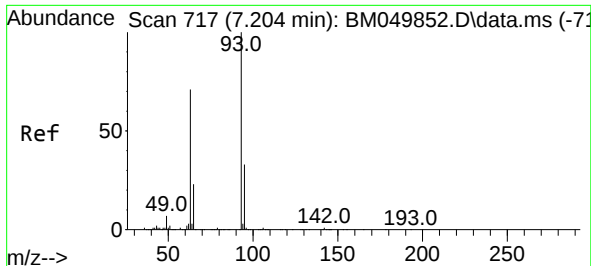
Tgt Ion: 77 Resp: 315307
Ion Ratio Lower Upper
77 100
105 102.1 78.3 118.3
106 99.1 76.0 116.0



#10
Phenol
Concen: 43.721 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion: 94 Resp: 1077085
Ion Ratio Lower Upper
94 100
65 26.5 7.3 47.3
66 33.7 14.8 54.8

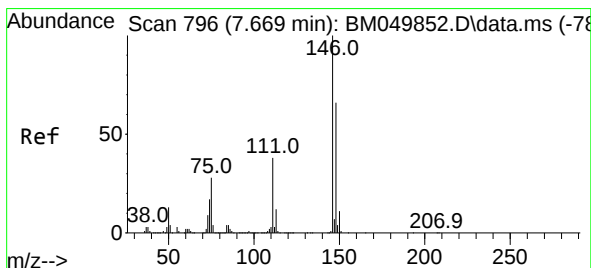
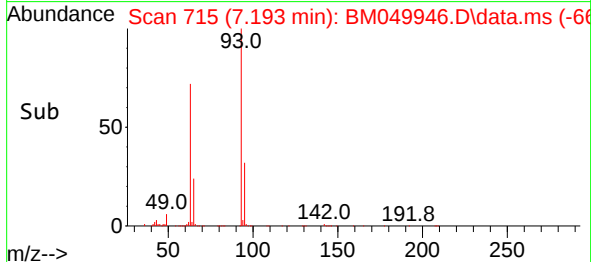
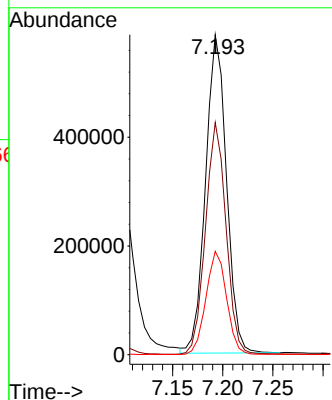
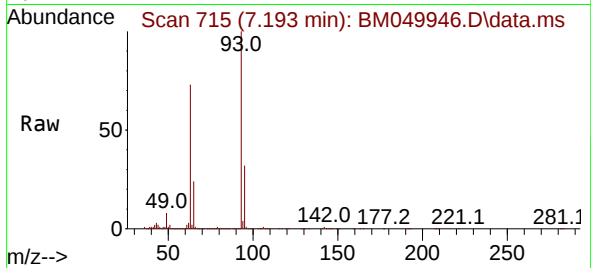




#11
bis(2-Chloroethyl)ether
Concen: 44.084 ng
RT: 7.193 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

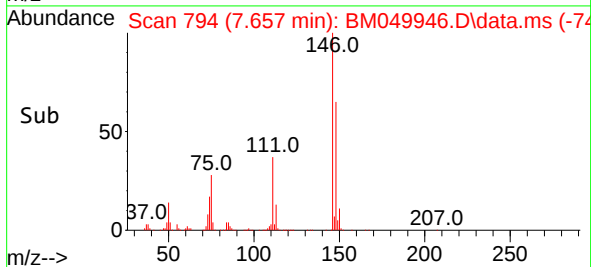
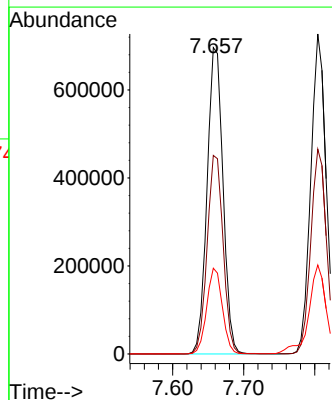
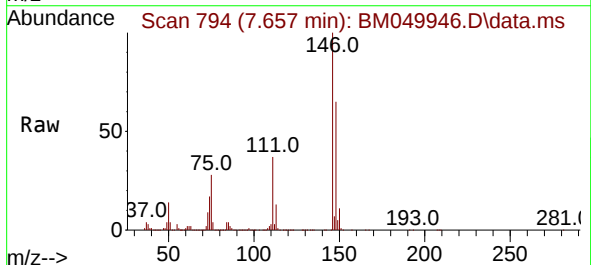
Instrument :
BNA_M
ClientSampleId :
PB167561BS

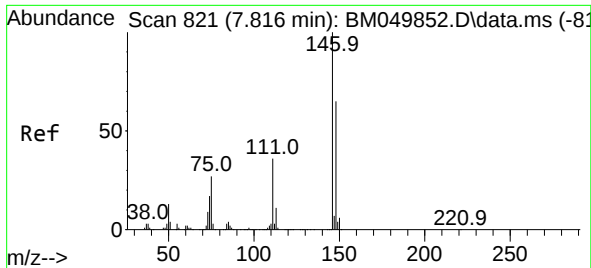
Tgt Ion: 93 Resp: 851657
Ion Ratio Lower Upper
93 100
63 72.5 50.9 90.9
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.249 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.012 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion: 146 Resp: 1087817
Ion Ratio Lower Upper
146 100
148 64.8 52.5 78.7
75 28.0 22.5 33.7

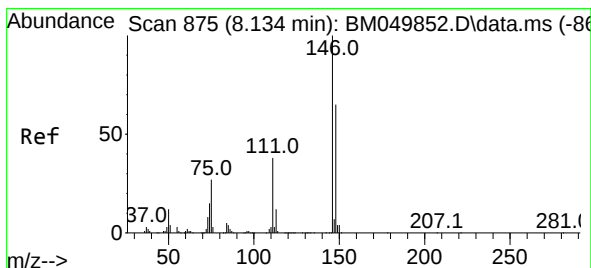
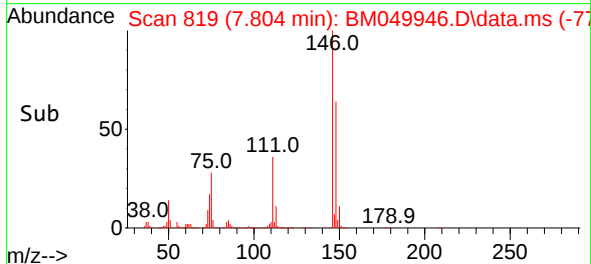
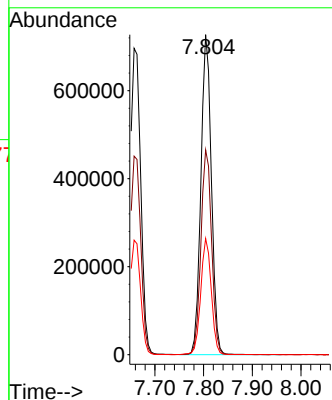
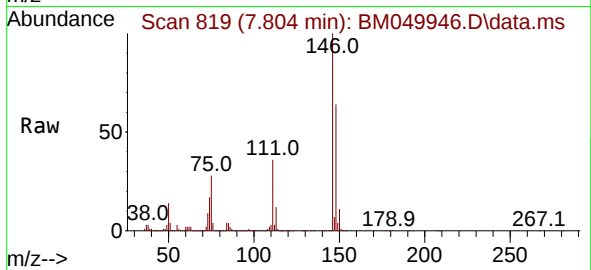




#13
1,4-Dichlorobenzene
Concen: 44.025 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

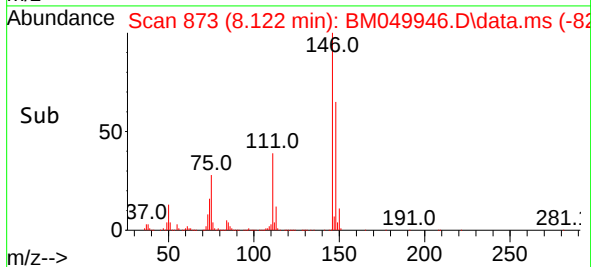
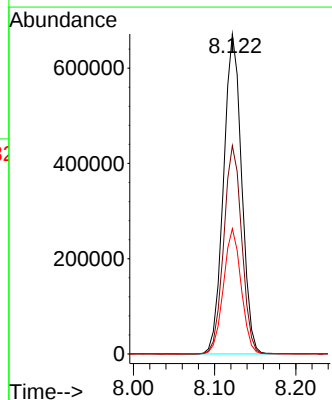
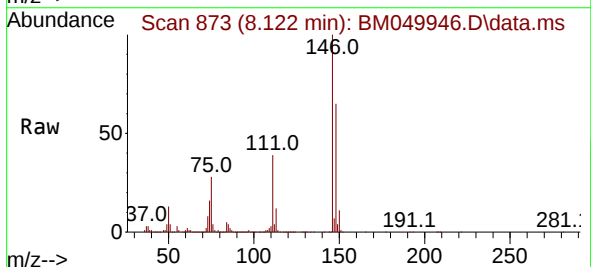
Instrument :
BNA_M
ClientSampleId :
PB167561BS

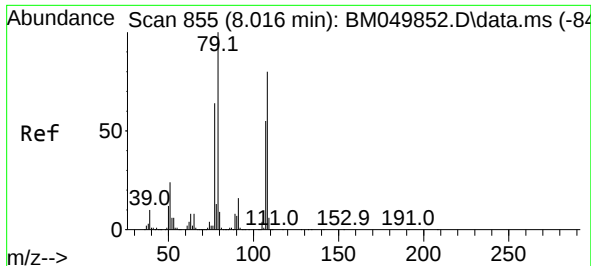
Tgt Ion:146 Resp: 1089017
Ion Ratio Lower Upper
146 100
148 64.0 52.4 78.6
111 36.3 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 44.719 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.012 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:146 Resp: 1041915
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
111 39.2 30.2 45.4

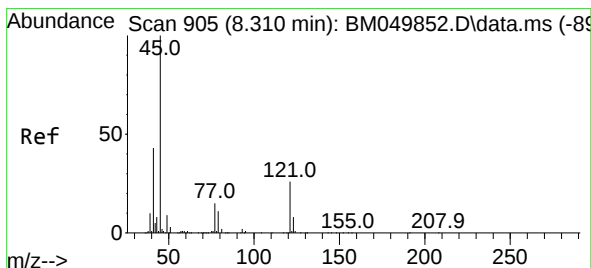
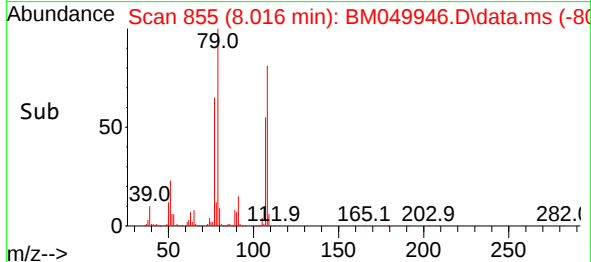
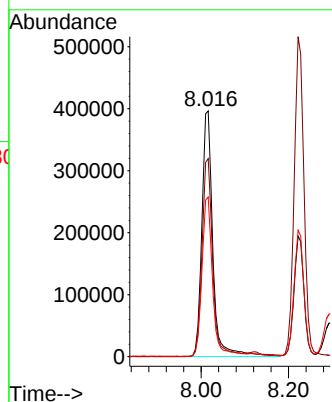
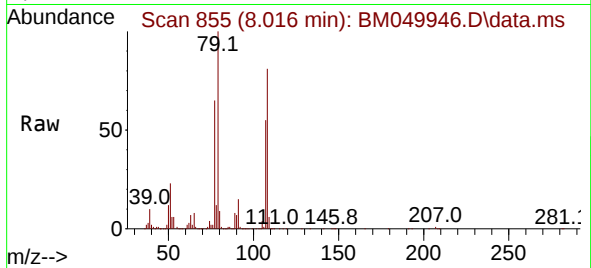




#15
Benzyl Alcohol
Concen: 43.610 ng
RT: 8.016 min Scan# 855
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

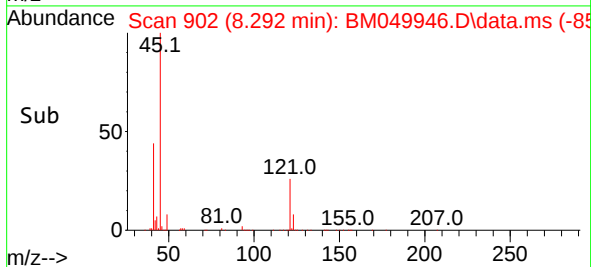
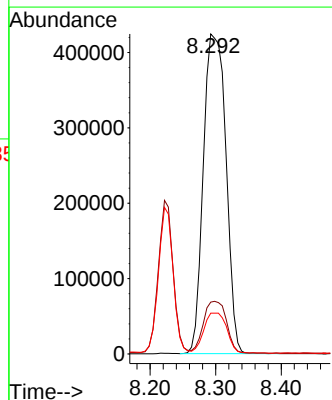
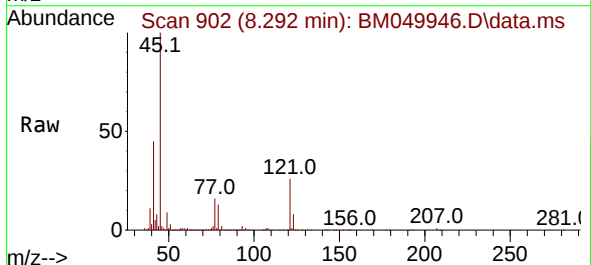
Instrument :
BNA_M
ClientSampleId :
PB167561BS

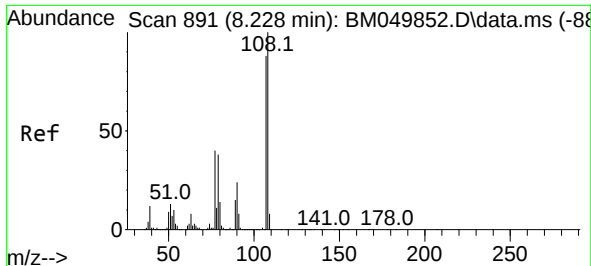
Tgt Ion: 79 Resp: 693251
Ion Ratio Lower Upper
79 100
108 80.6 63.6 95.4
77 65.0 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.149 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.018 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

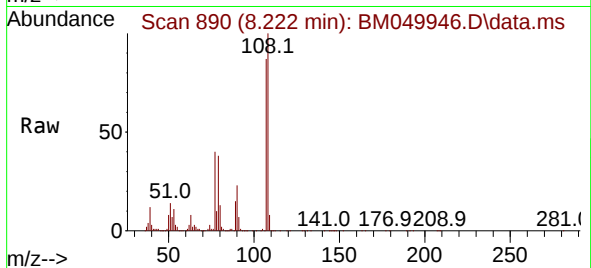
Tgt Ion: 45 Resp: 1015241
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.9
79 12.7 0.0 32.9



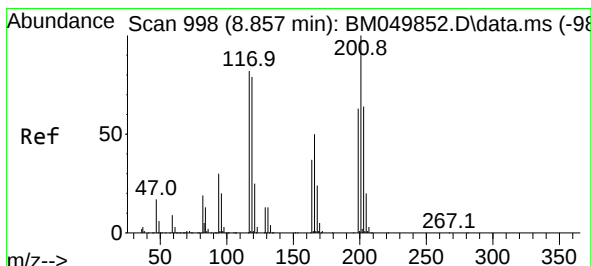
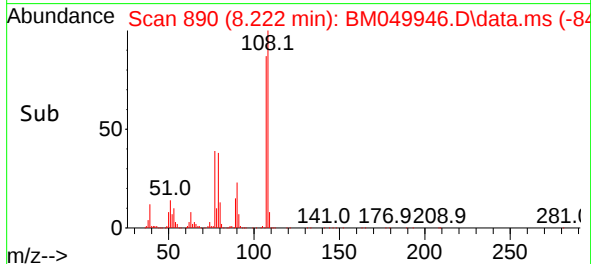
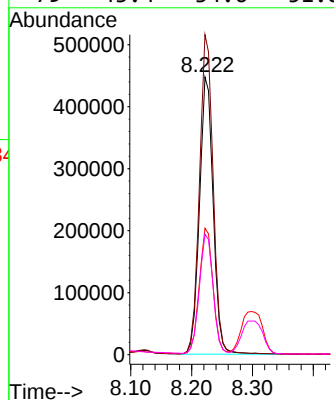


#17
2-Methylphenol
Concen: 45.977 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB167561BS

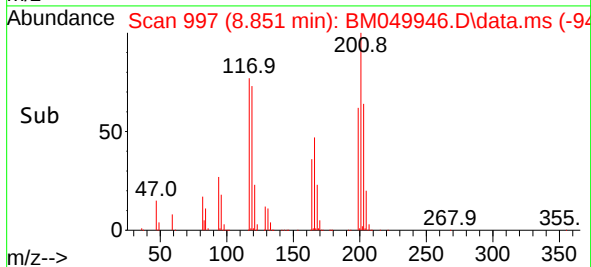
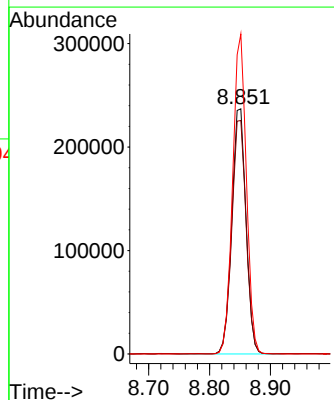
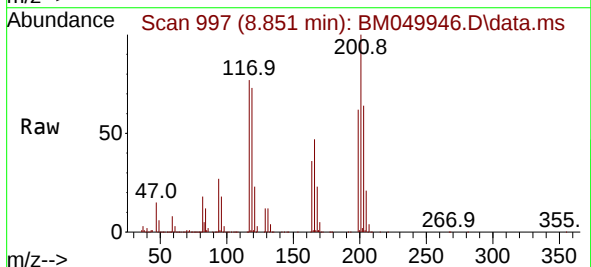


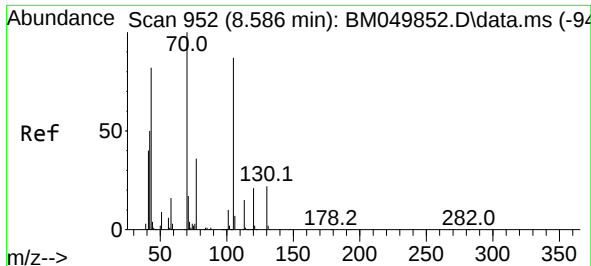
Tgt Ion:107 Resp: 697999
Ion Ratio Lower Upper
107 100
108 115.3 91.0 136.6
77 45.5 36.5 54.7
79 43.4 34.6 51.8



#18
Hexachloroethane
Concen: 44.772 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:117 Resp: 385306
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3
201 130.6 97.7 146.5

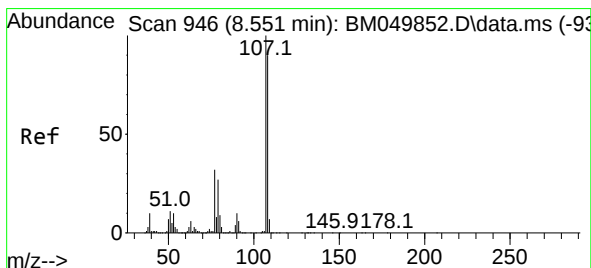
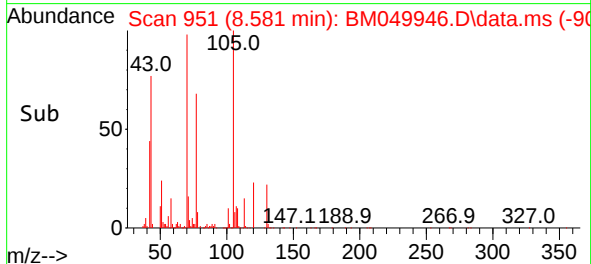
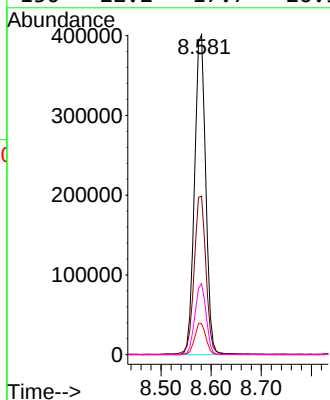
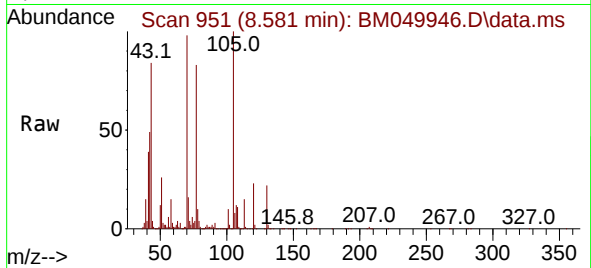




#19
n-Nitroso-di-n-propylamine
Concen: 44.449 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

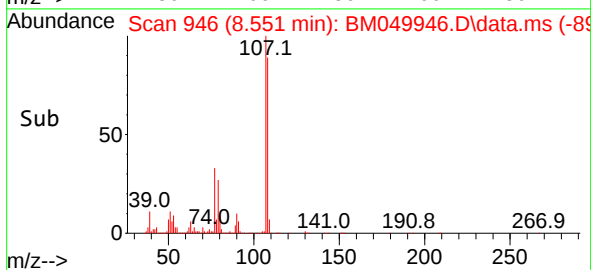
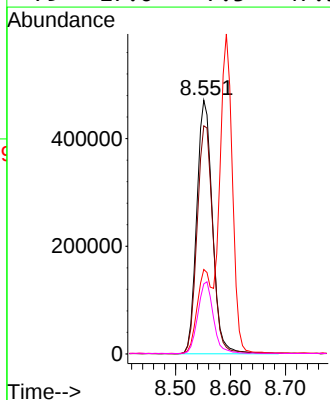
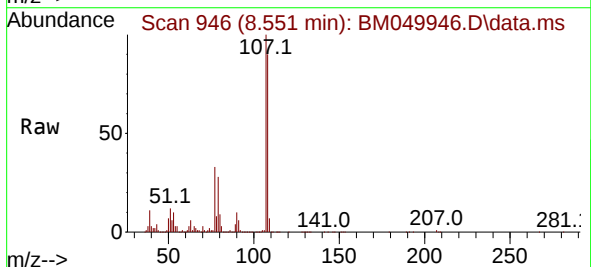
Instrument :
BNA_M
ClientSampleId :
PB167561BS

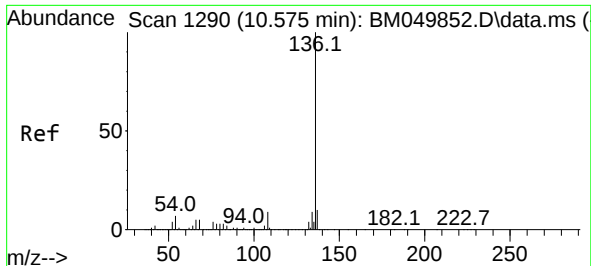
Tgt Ion: 70 Resp: 621484
Ion Ratio Lower Upper
70 100
42 49.6 40.2 60.2
101 9.7 7.9 11.9
130 22.2 17.7 26.5



#20
3+4-Methylphenols
Concen: 45.019 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion: 107 Resp: 931780
Ion Ratio Lower Upper
107 100
108 89.9 69.6 109.6
77 33.3 11.7 51.7
79 27.6 7.3 47.3

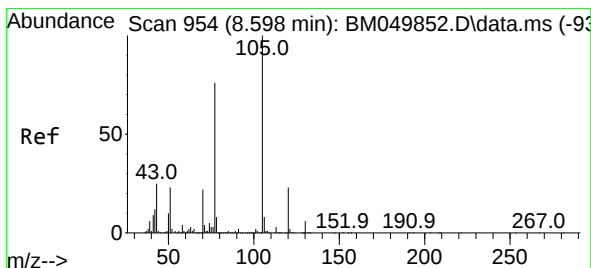
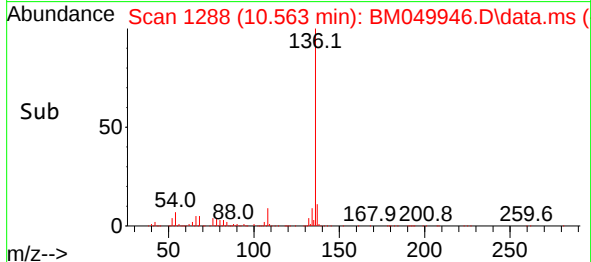
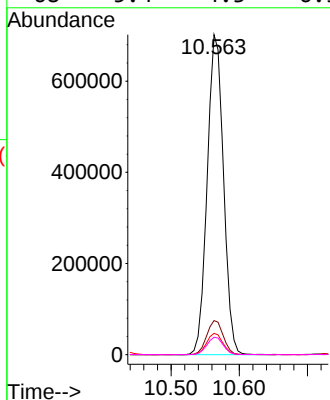
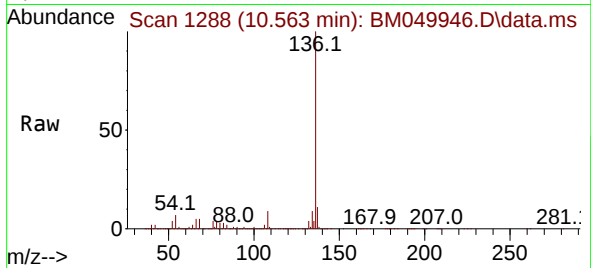




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

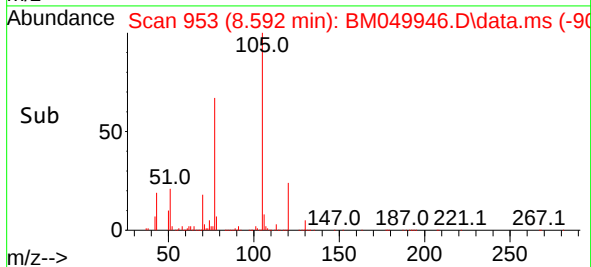
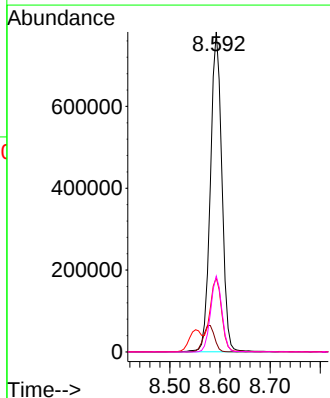
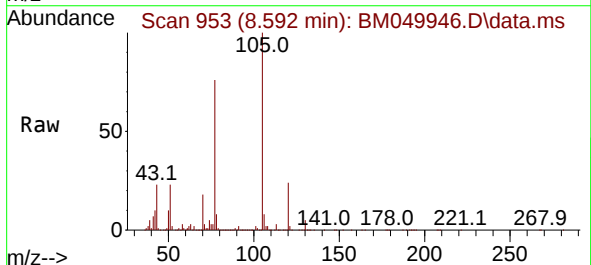
Instrument :
BNA_M
ClientSampleId :
PB167561BS

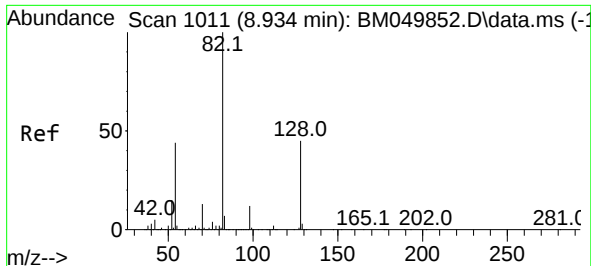
Tgt Ion:136 Resp: 1168166
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 6.7 5.3 7.9
68 5.4 4.3 6.5



#22
Acetophenone
Concen: 43.705 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:105 Resp: 1240801
Ion Ratio Lower Upper
105 100
71 2.9 3.0 4.4#
51 23.2 18.6 27.8
120 23.7 18.5 27.7

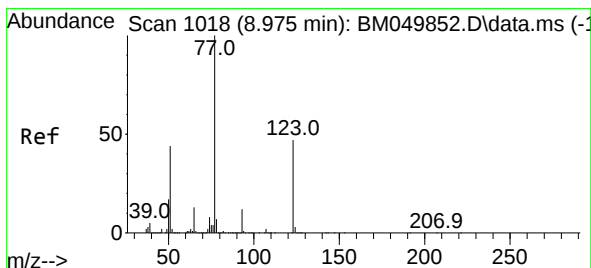
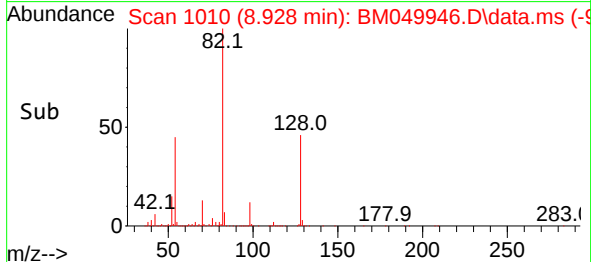
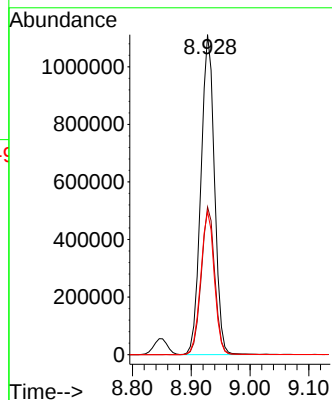
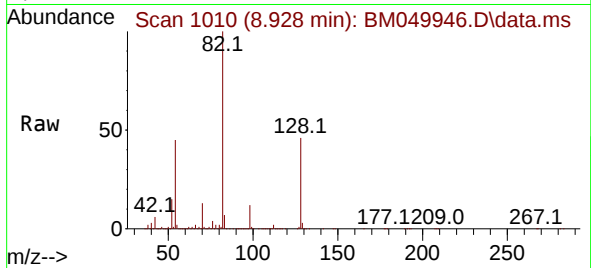




#23
Nitrobenzene-d5
Concen: 85.055 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

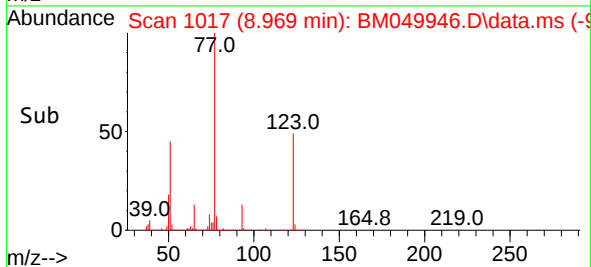
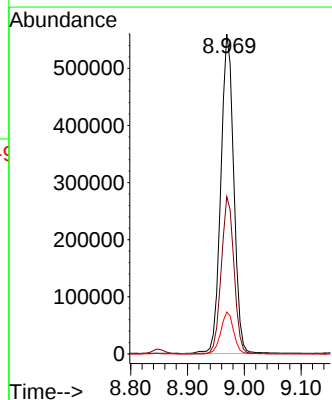
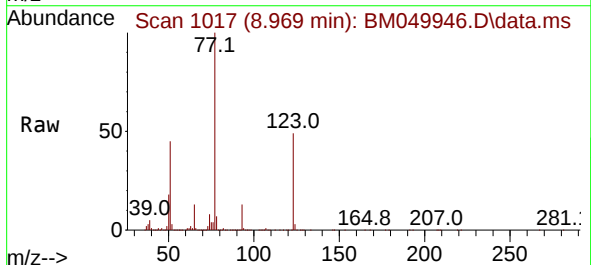
Instrument :
BNA_M
ClientSampleId :
PB167561BS

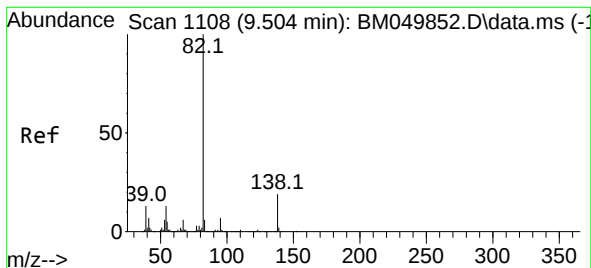
Tgt Ion: 82 Resp: 1784293
Ion Ratio Lower Upper
82 100
128 46.1 36.2 54.2
54 44.7 35.0 52.6



#24
Nitrobenzene
Concen: 43.896 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion: 77 Resp: 886701
Ion Ratio Lower Upper
77 100
123 49.2 37.4 56.2
65 13.1 10.1 15.1





#25

Isophorone

Concen: 46.893 ng

RT: 9.498 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

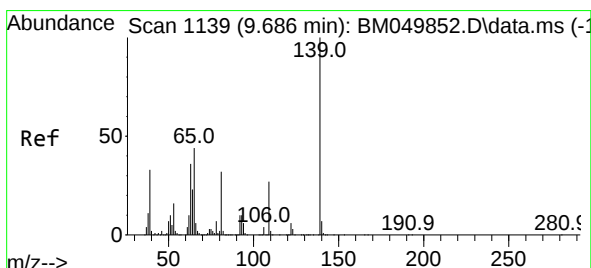
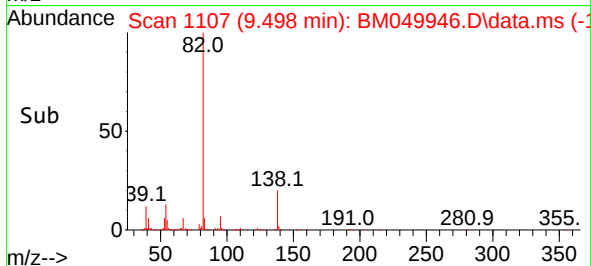
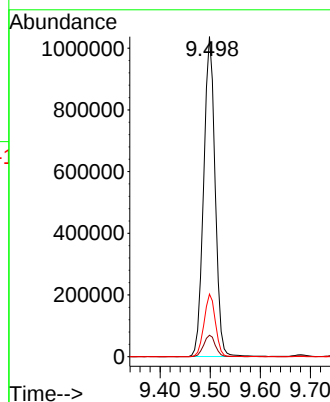
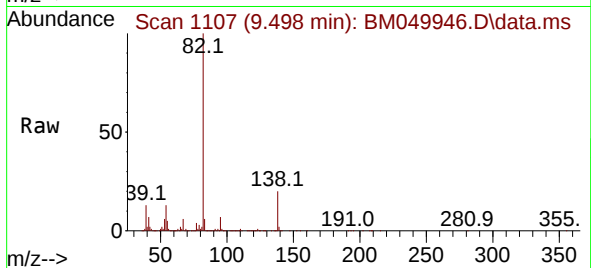
Tgt Ion: 82 Resp: 1647927

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 19.6 15.0 22.6



#26

2-Nitrophenol

Concen: 44.958 ng

RT: 9.681 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

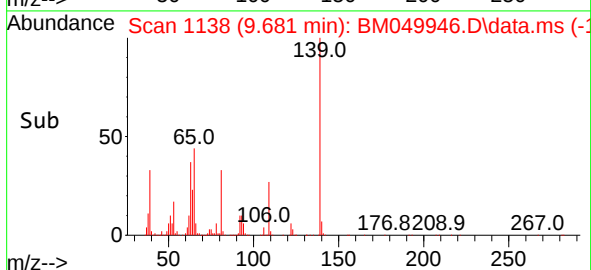
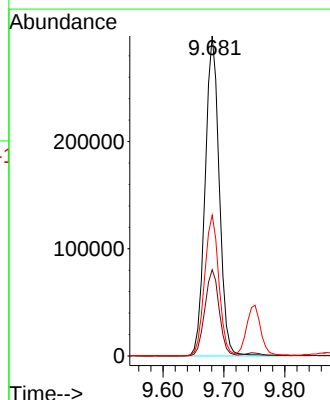
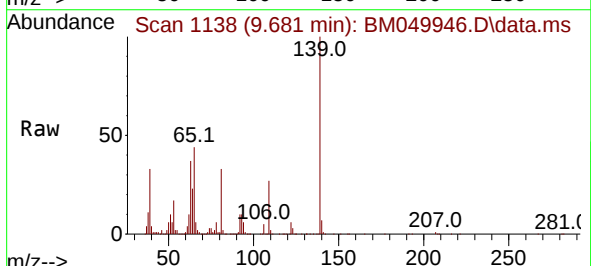
Tgt Ion:139 Resp: 481328

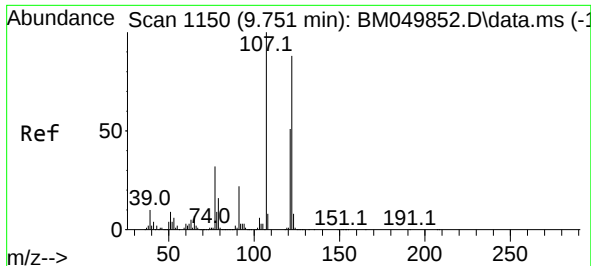
Ion Ratio Lower Upper

139 100

109 27.0 21.7 32.5

65 44.0 35.2 52.8

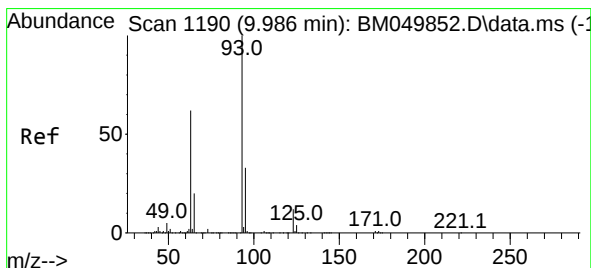
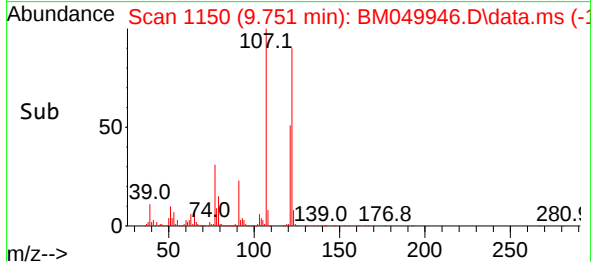
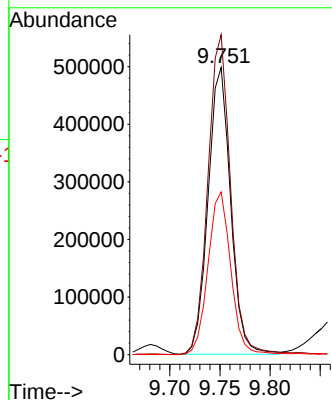
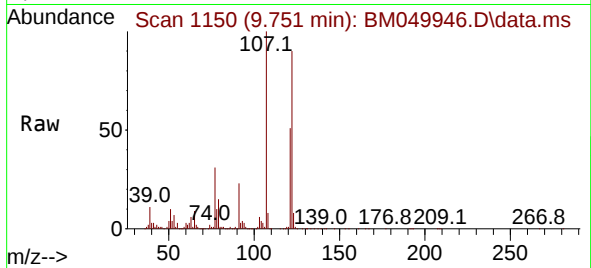




#27
2,4-Dimethylphenol
Concen: 64.118 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

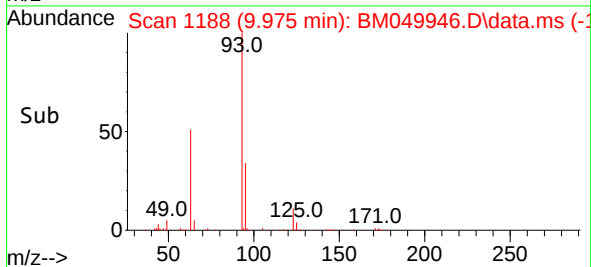
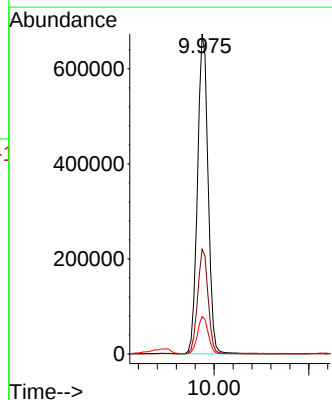
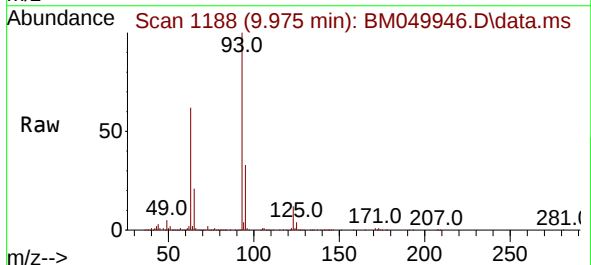
Instrument :
BNA_M
ClientSampleId :
PB167561BS

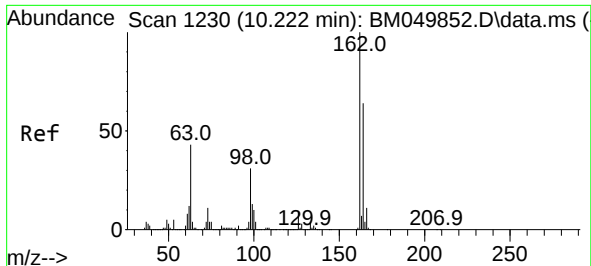
Tgt Ion:122 Resp: 777955
Ion Ratio Lower Upper
122 100
107 111.4 90.3 135.5
121 56.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 44.204 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion: 93 Resp: 1040001
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.003 ng

RT: 10.228 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

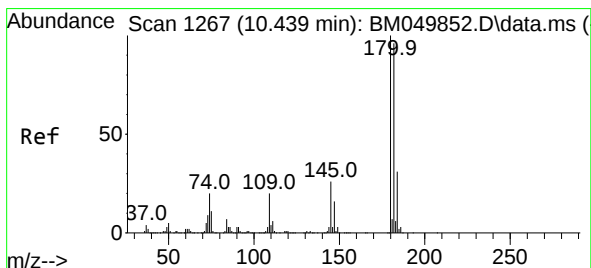
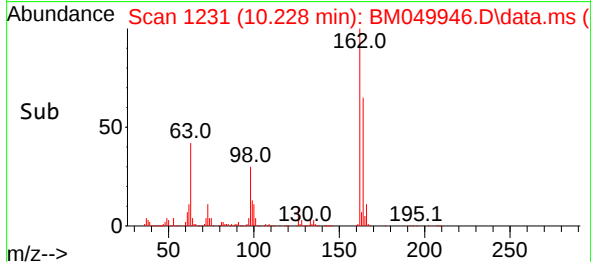
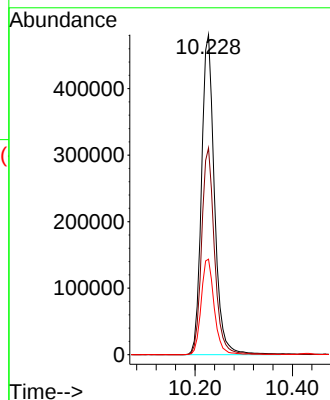
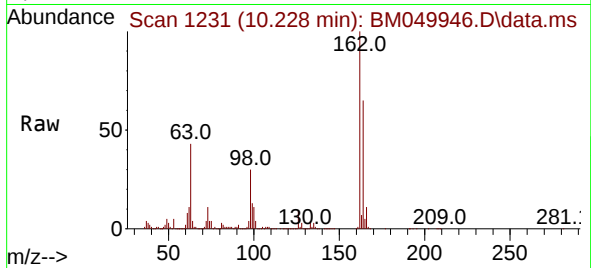
Tgt Ion:162 Resp: 887483

Ion Ratio Lower Upper

162 100

164 64.6 44.3 84.3

98 29.9 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 44.396 ng

RT: 10.428 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

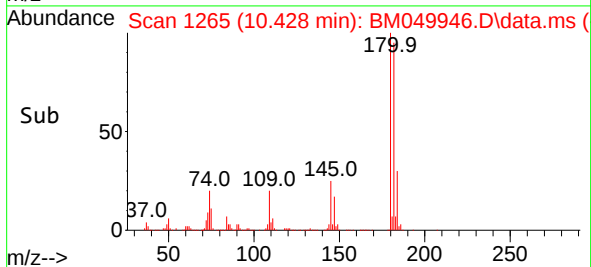
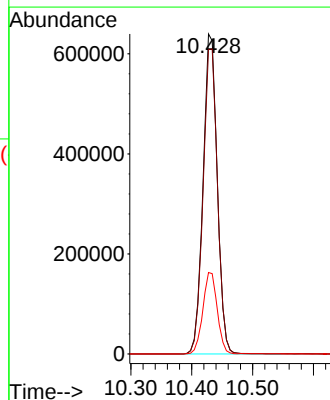
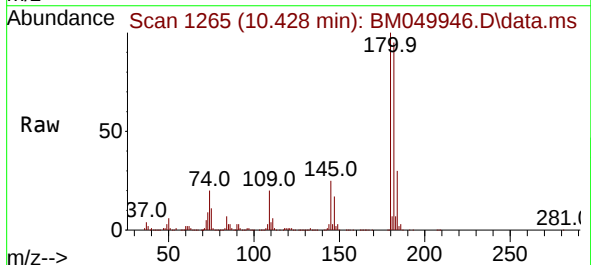
Tgt Ion:180 Resp: 1035844

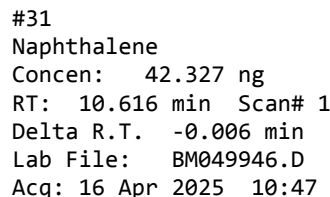
Ion Ratio Lower Upper

180 100

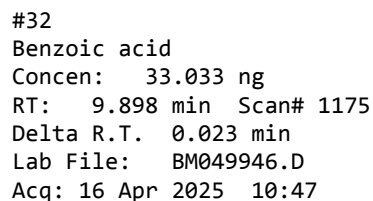
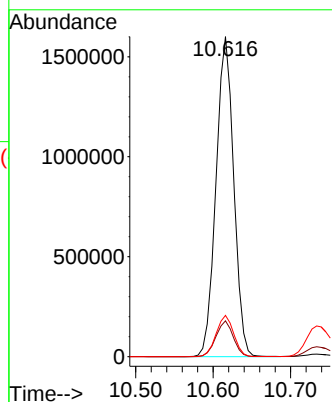
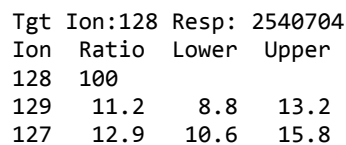
182 95.1 76.7 115.1

145 25.5 20.8 31.2

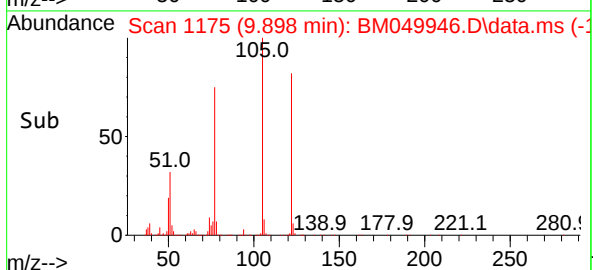
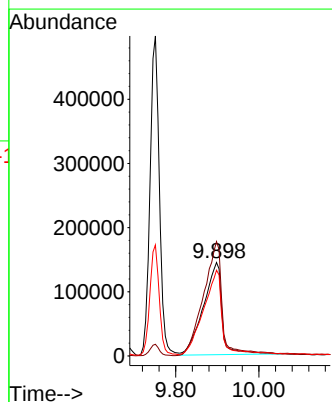


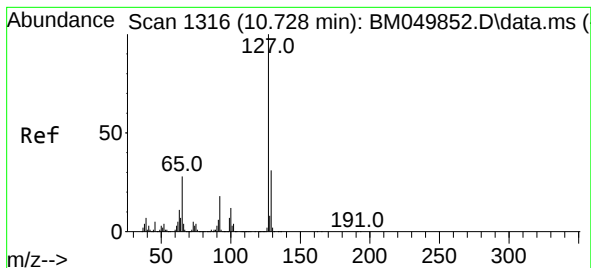


Instrument :
BNA_M
ClientSampleId :
PB167561BS



Tgt	Ion:122	Resp:	448096
Ion	Ratio	Lower	Upper
122	100		
105	122.4	103.8	143.8
77	91.8	70.7	110.7

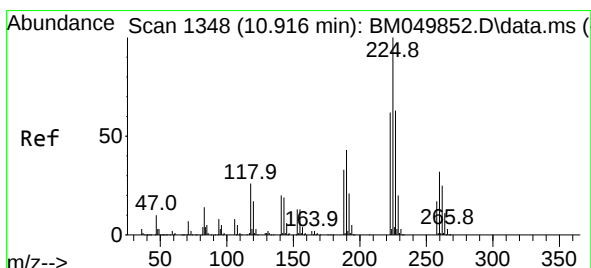
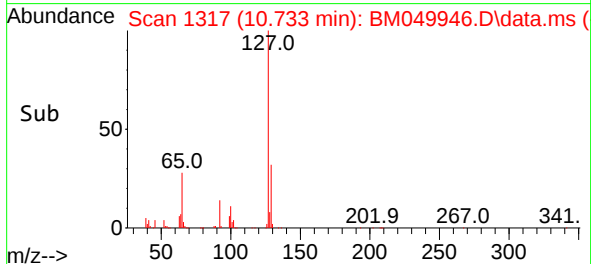
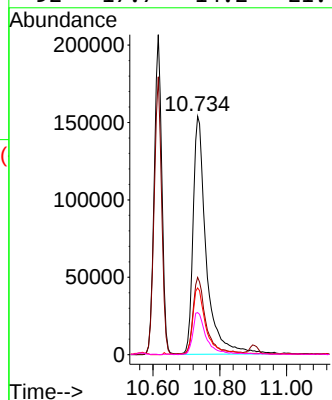
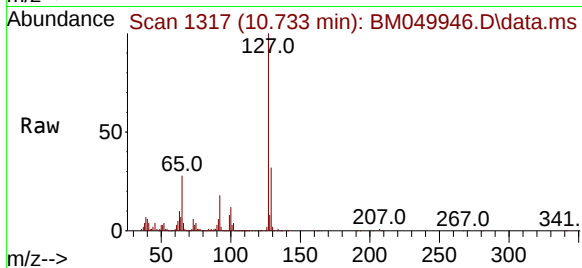




#33
4-Chloroaniline
Concen: 19.934 ng
RT: 10.733 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

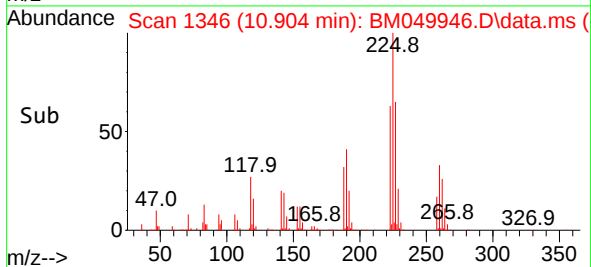
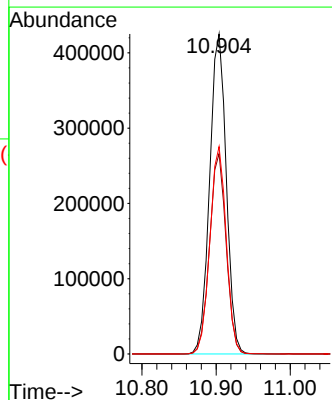
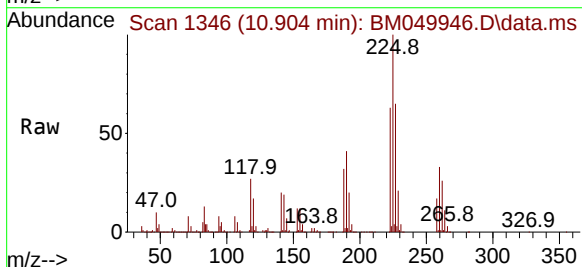
Instrument :
BNA_M
ClientSampleId :
PB167561BS

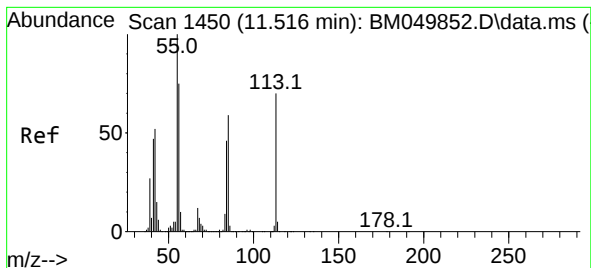
Tgt Ion:	127	Resp:	422507
Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.9	37.3
65	28.0	22.4	33.6
92	17.7	14.2	21.4



#34
Hexachlorobutadiene
Concen: 45.810 ng
RT: 10.904 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:	225	Resp:	661145
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	64.8	50.1	75.1





#35

Caprolactam

Concen: 40.867 ng

RT: 11.516 min Scan# 14

Delta R.T. 0.000 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

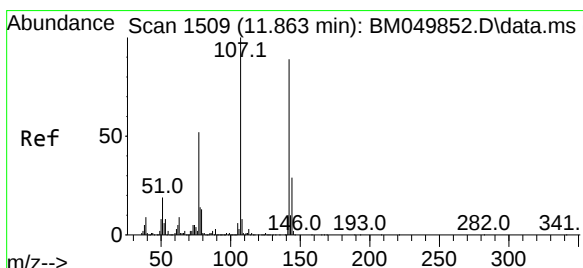
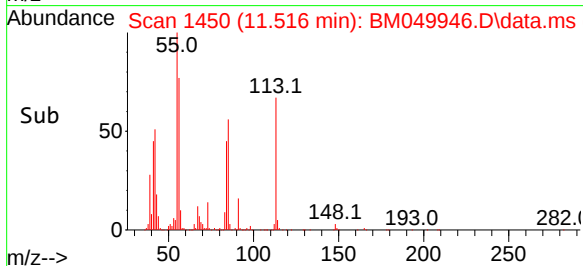
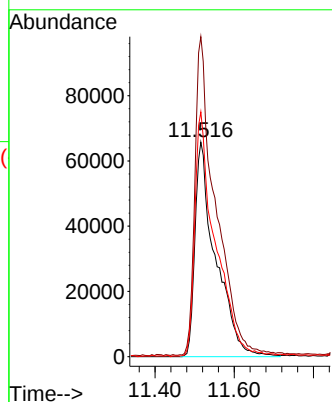
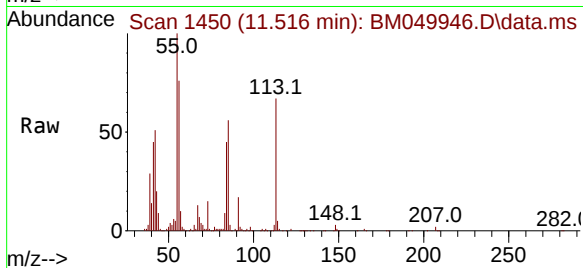
Tgt Ion:113 Resp: 236399

Ion Ratio Lower Upper

113 100

55 149.2 124.3 164.3

56 114.1 87.5 127.5



#36

4-Chloro-3-methylphenol

Concen: 43.483 ng

RT: 11.869 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

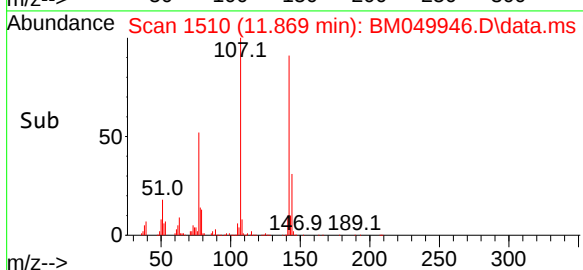
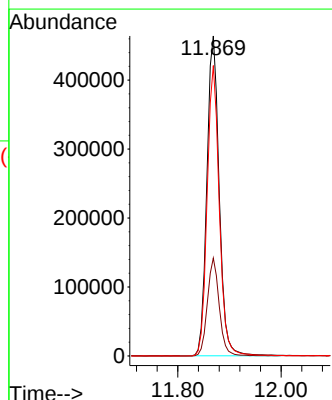
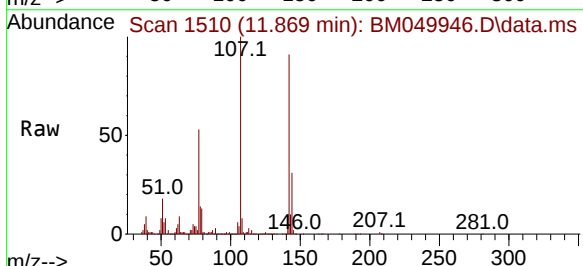
Tgt Ion:107 Resp: 768202

Ion Ratio Lower Upper

107 100

144 30.6 23.6 35.4

142 90.7 71.4 107.0

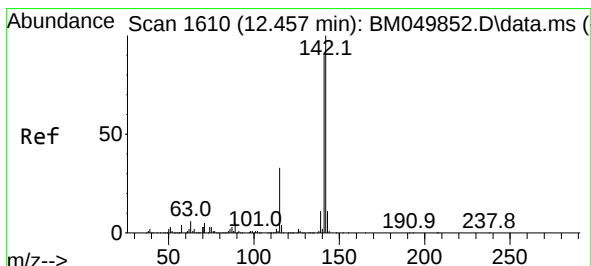
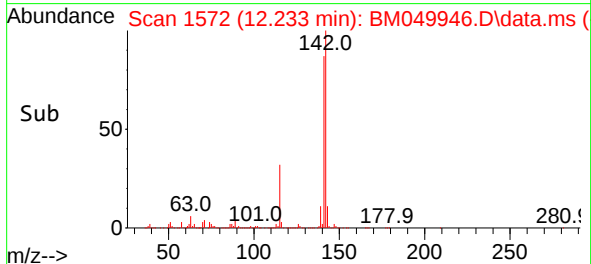
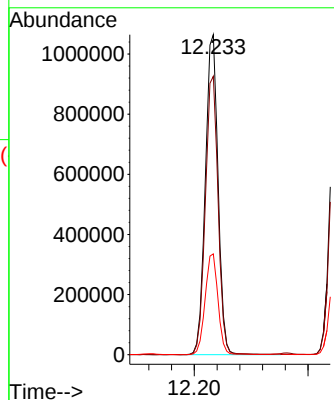
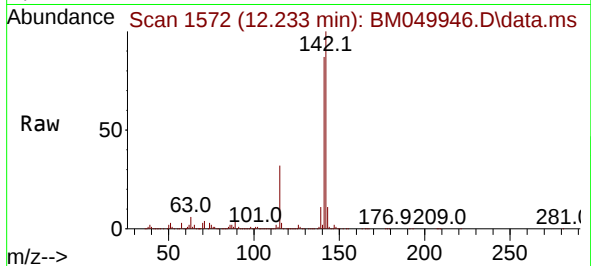




#37
2-Methylnaphthalene
Concen: 38.965 ng
RT: 12.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

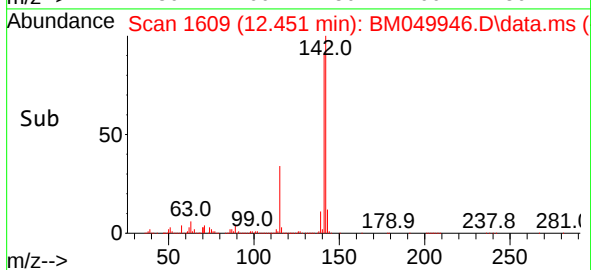
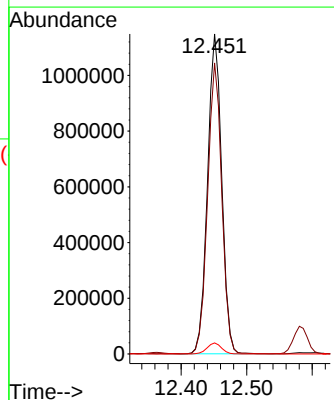
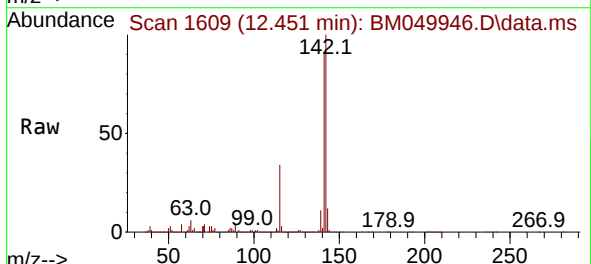
Instrument :
BNA_M
ClientSampleId :
PB167561BS

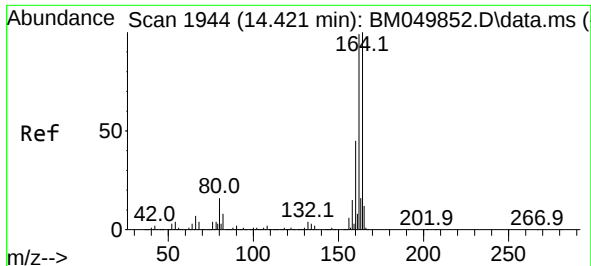
Tgt Ion:142 Resp: 1647892
Ion Ratio Lower Upper
142 100
141 87.0 70.2 105.2
115 31.5 25.4 38.2



#38
1-Methylnaphthalene
Concen: 41.896 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:142 Resp: 1726179
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.2
116 3.5 2.9 4.3

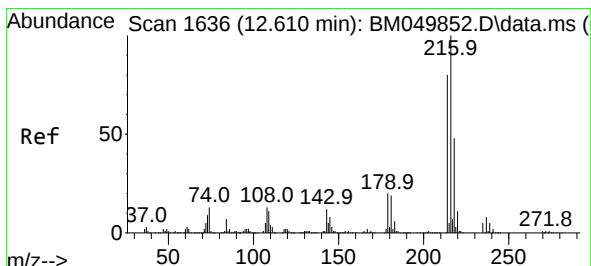
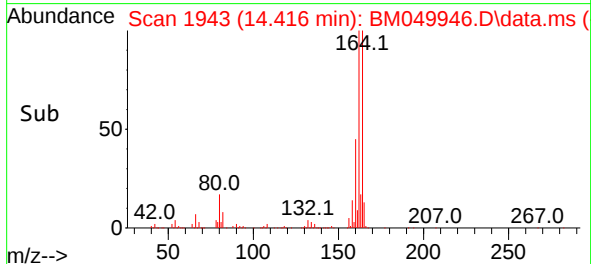
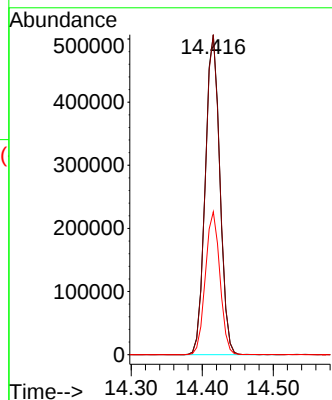
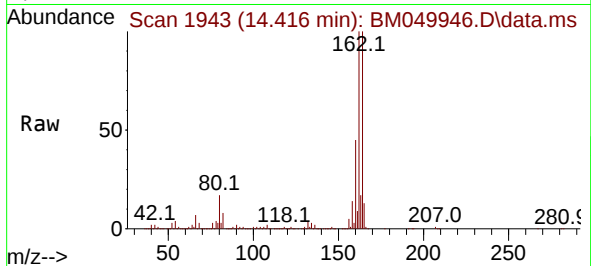




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

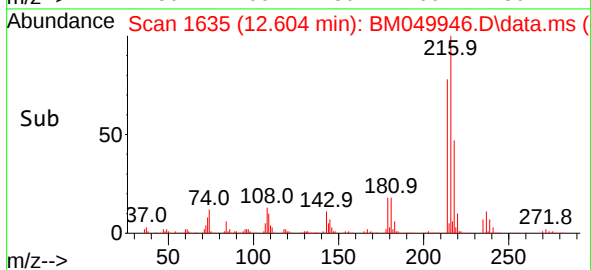
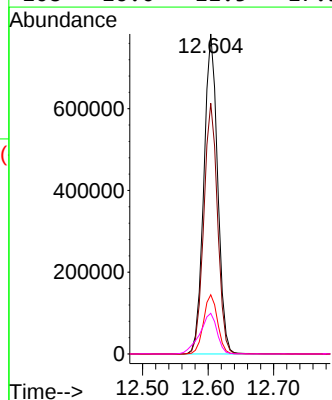
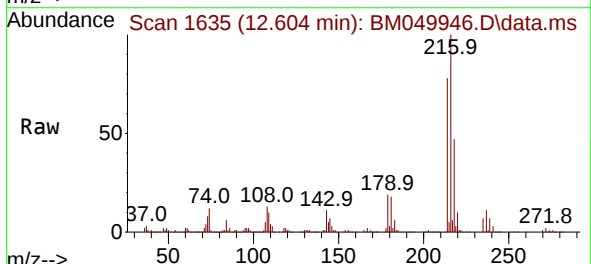
Instrument :
BNA_M
ClientSampleId :
PB167561BS

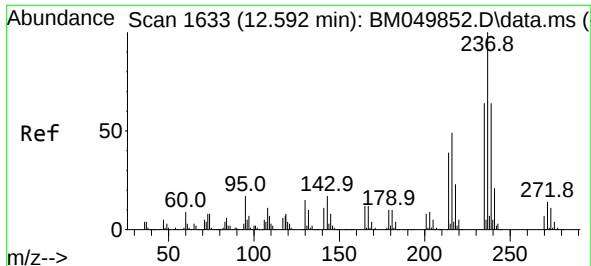
Tgt Ion:164 Resp: 724098
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 44.7 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.287 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:216 Resp: 1147225
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 18.8 15.8 23.6
108 16.0 11.5 17.3

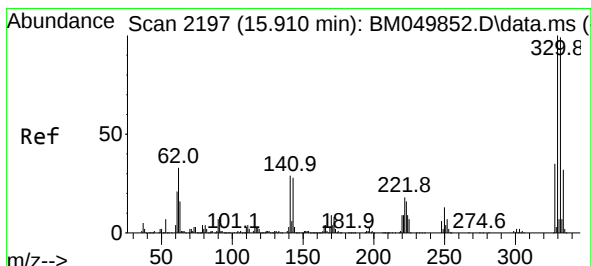
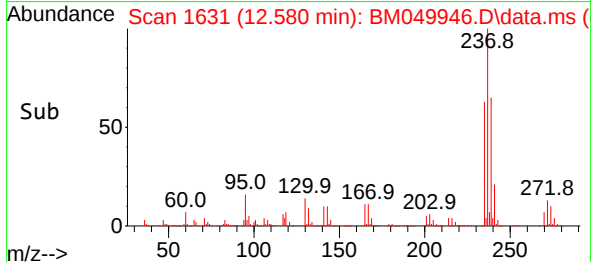
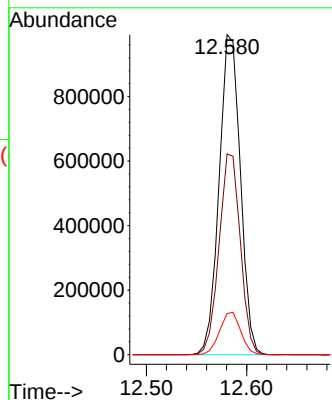
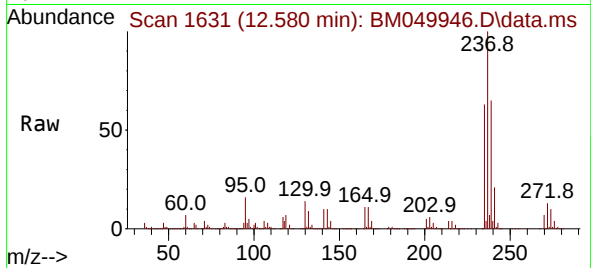




#41
Hexachlorocyclopentadiene
Concen: 164.291 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.012 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

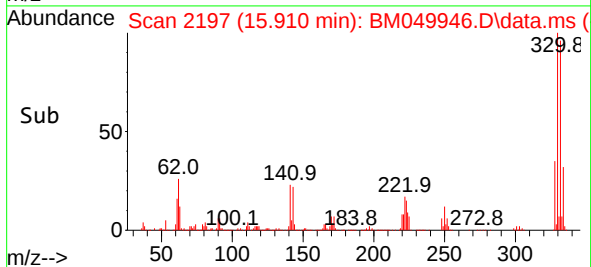
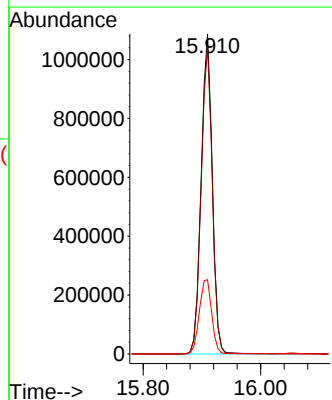
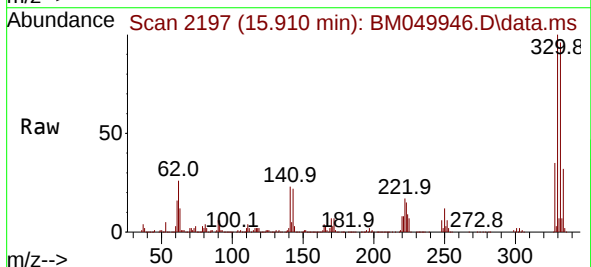
Instrument :
BNA_M
ClientSampleId :
PB167561BS

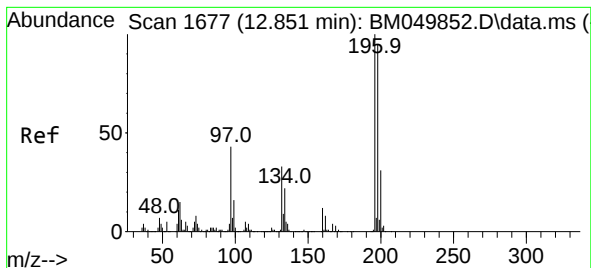
Tgt Ion:237 Resp: 1458344
Ion Ratio Lower Upper
237 100
235 62.7 43.7 83.7
272 12.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 135.677 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:330 Resp: 1428984
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 25.9 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 46.248 ng

RT: 12.851 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

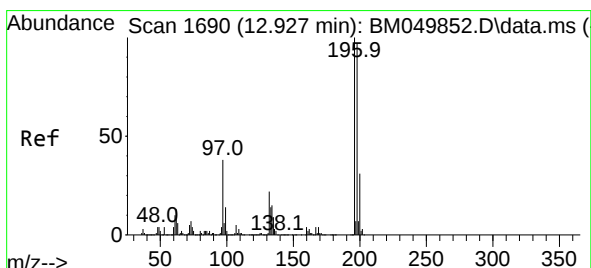
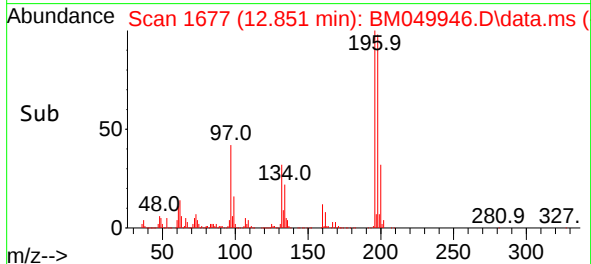
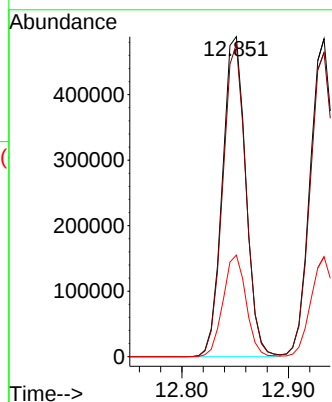
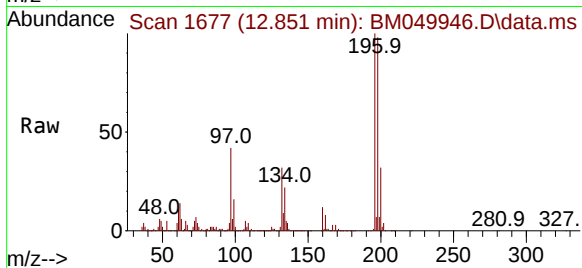
Tgt Ion:196 Resp: 745515

Ion Ratio Lower Upper

196 100

198 97.7 76.1 114.1

200 31.7 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 46.054 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Tgt Ion:196 Resp: 806747

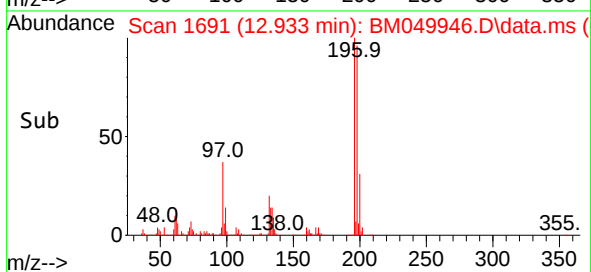
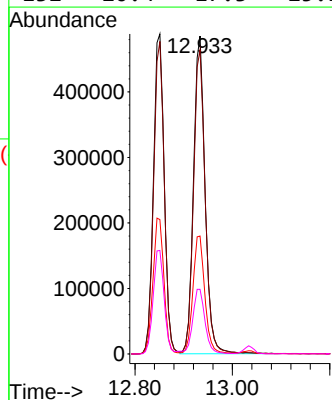
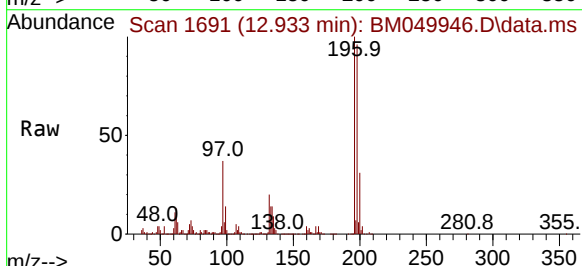
Ion Ratio Lower Upper

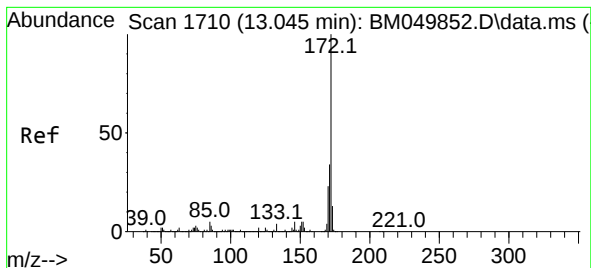
196 100

198 95.7 77.7 116.5

97 37.1 30.3 45.5

132 20.4 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 85.866 ng

RT: 13.033 min Scan# 1710

Delta R.T. -0.012 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

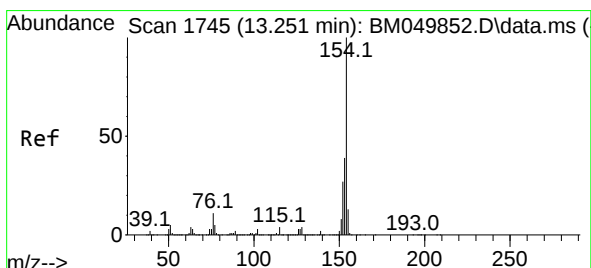
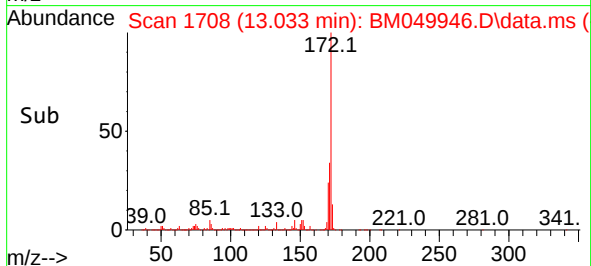
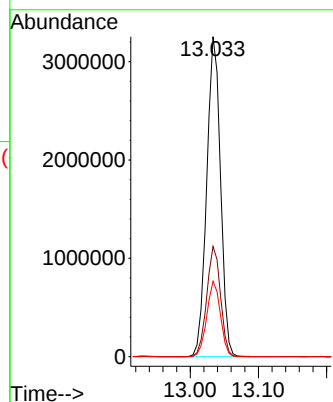
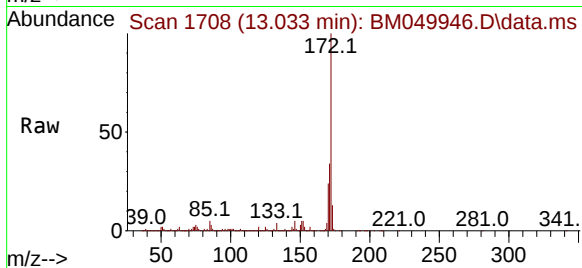
Tgt Ion:172 Resp: 4585193

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.2

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 43.978 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

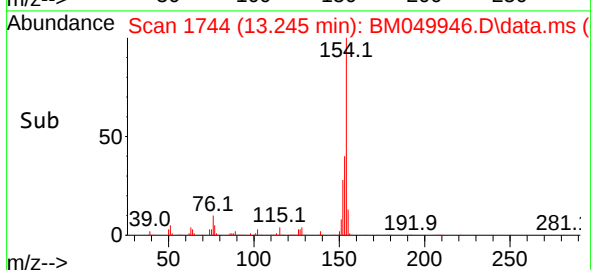
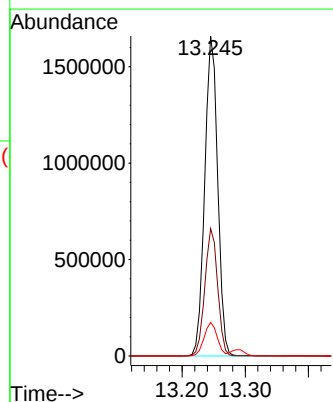
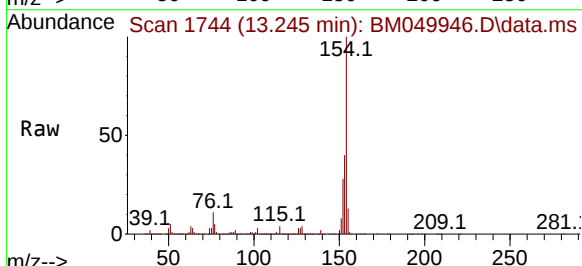
Tgt Ion:154 Resp: 2367225

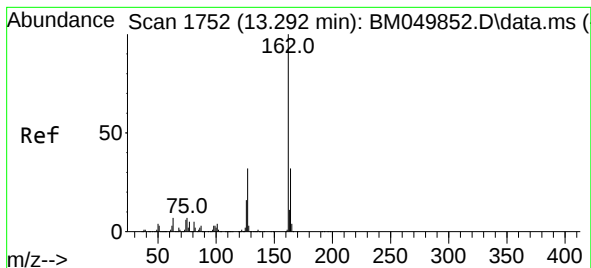
Ion Ratio Lower Upper

154 100

153 39.8 19.3 59.3

76 10.5 0.0 30.7





#47

2-Chloronaphthalene

Concen: 44.520 ng

RT: 13.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

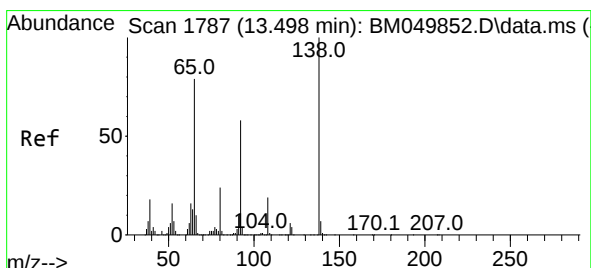
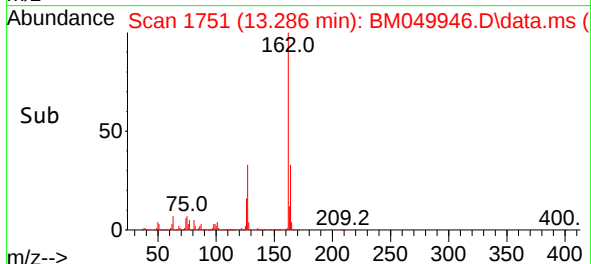
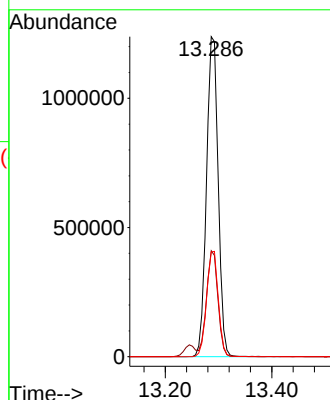
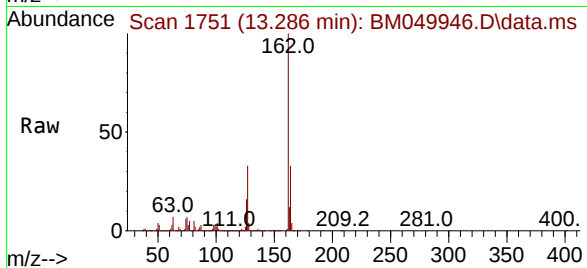
Tgt Ion:162 Resp: 1883541

Ion Ratio Lower Upper

162 100

127 33.1 26.0 39.0

164 32.7 25.9 38.9



#48

2-Nitroaniline

Concen: 46.750 ng

RT: 13.492 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

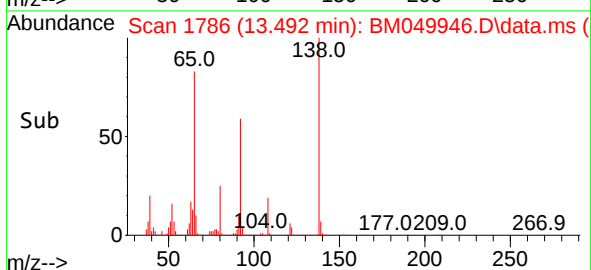
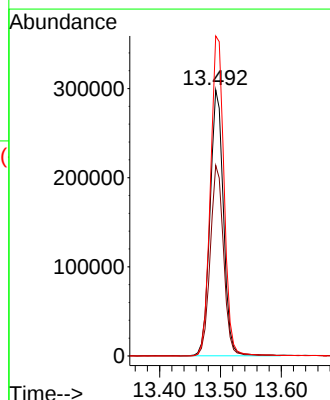
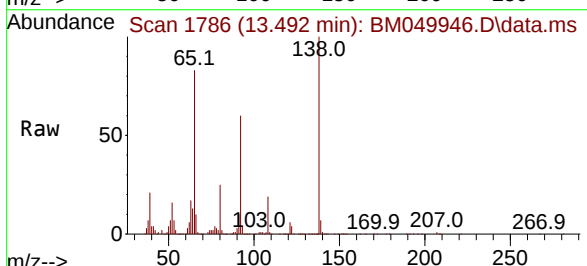
Tgt Ion: 65 Resp: 457567

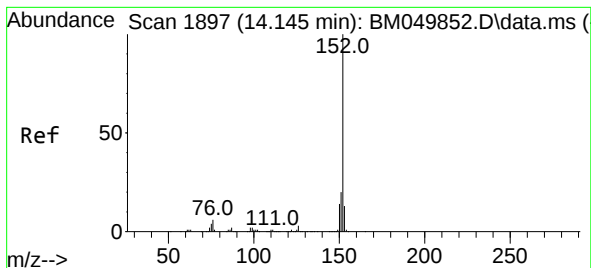
Ion Ratio Lower Upper

65 100

92 71.6 58.4 87.6

138 120.2 100.8 151.2





#49

Acenaphthylene

Concen: 47.793 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

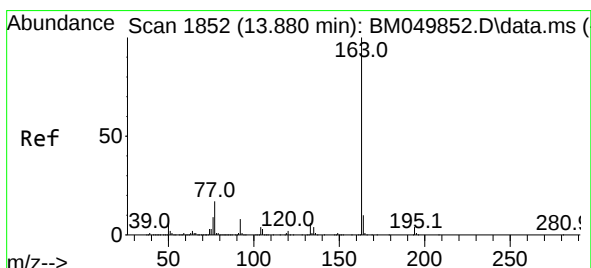
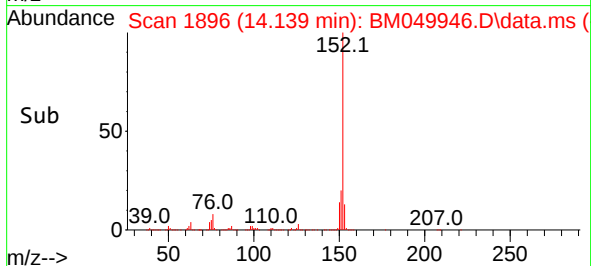
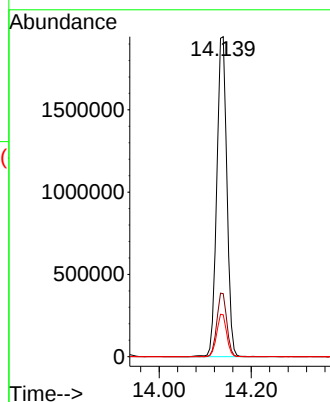
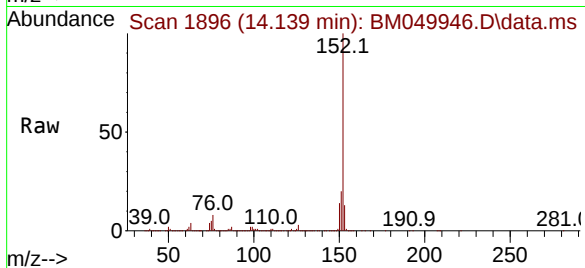
Tgt Ion:152 Resp: 2945348

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 44.226 ng

RT: 13.874 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

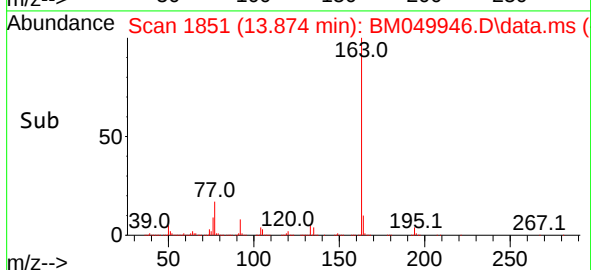
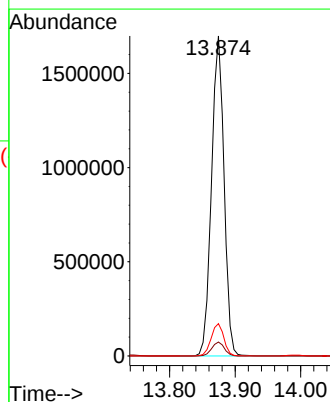
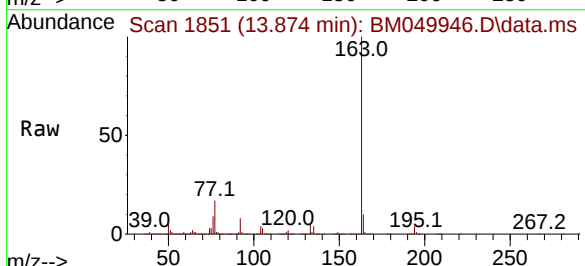
Tgt Ion:163 Resp: 2259246

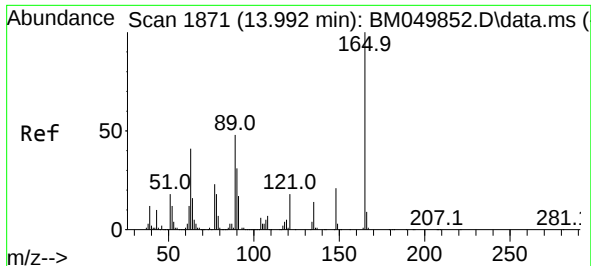
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.1 7.9 11.9

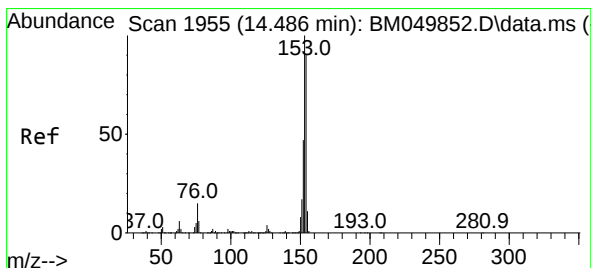
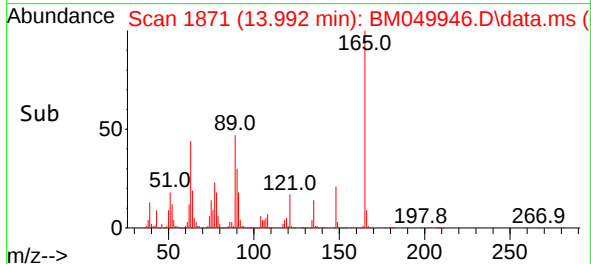
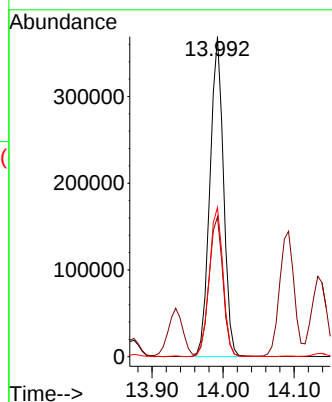
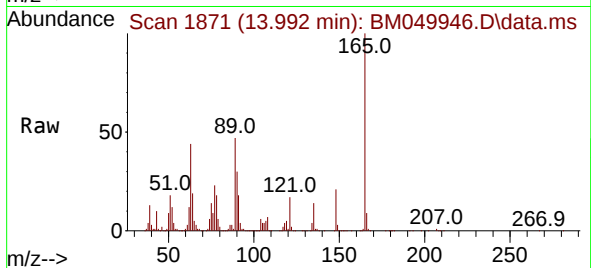




#51
2,6-Dinitrotoluene
Concen: 45.827 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

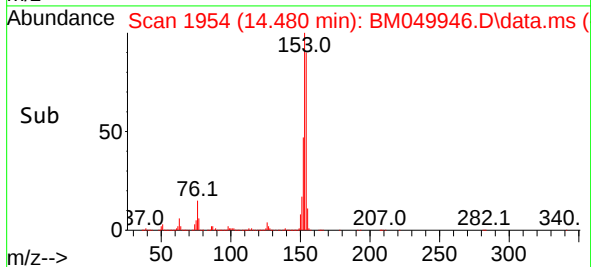
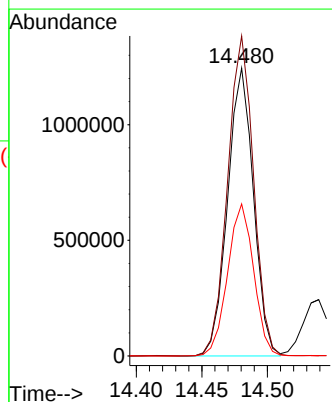
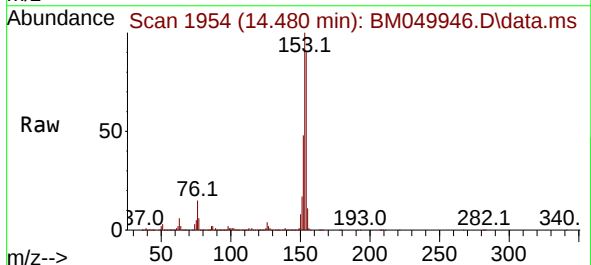
Instrument :
BNA_M
ClientSampleId :
PB167561BS

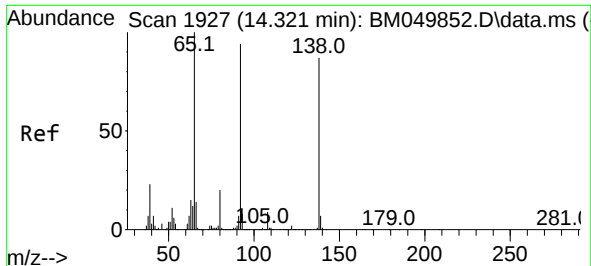
Tgt Ion:165 Resp: 490474
Ion Ratio Lower Upper
165 100
63 43.7 36.1 54.1
89 46.7 38.3 57.5



#52
Acenaphthene
Concen: 43.576 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:154 Resp: 1708188
Ion Ratio Lower Upper
154 100
153 111.2 89.3 133.9
152 52.8 42.2 63.2

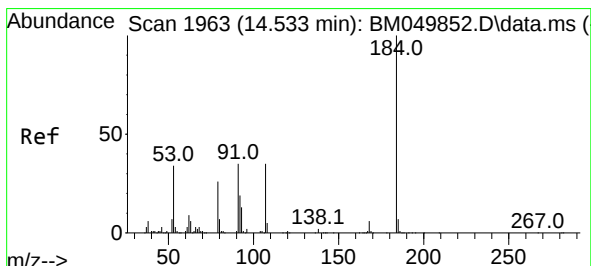
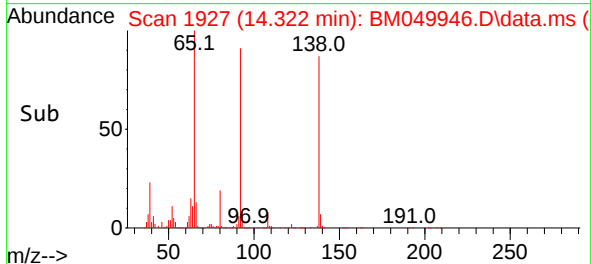
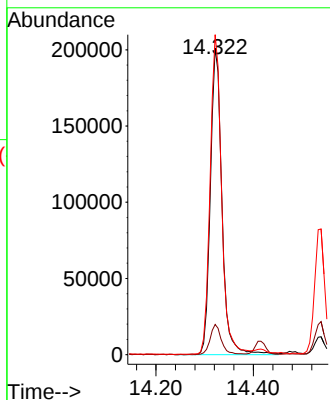
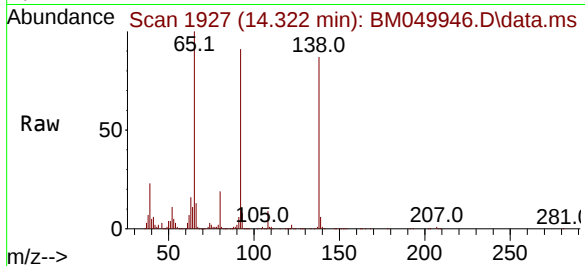




#53
3-Nitroaniline
Concen: 31.966 ng
RT: 14.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

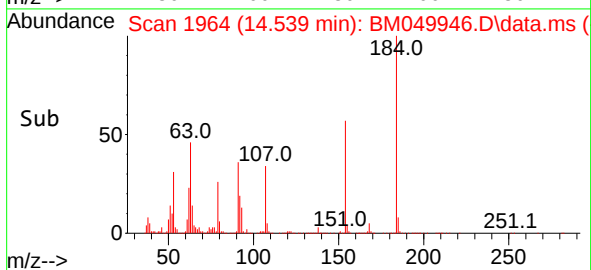
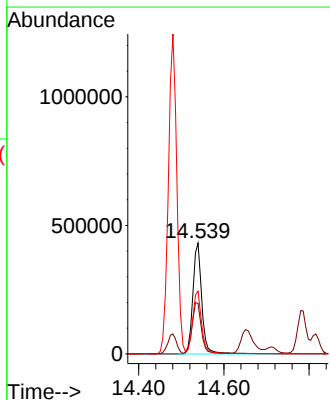
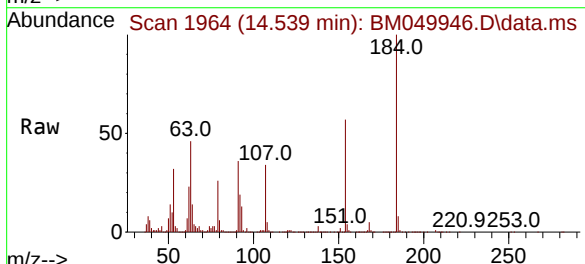
Instrument :
BNA_M
ClientSampleId :
PB167561BS

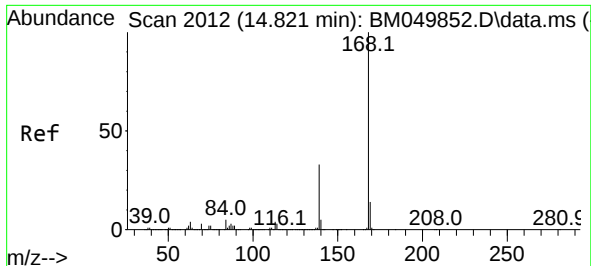
Tgt Ion:138 Resp: 330670
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 104.3 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 81.461 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:184 Resp: 632507
Ion Ratio Lower Upper
184 100
63 45.8 38.4 57.6
154 56.5 48.1 72.1

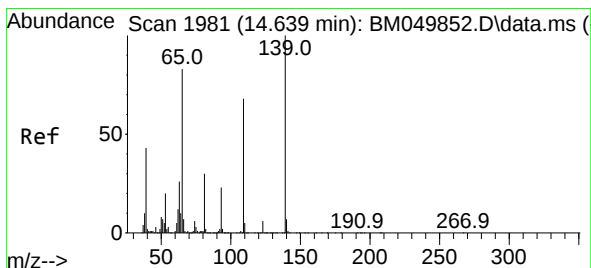
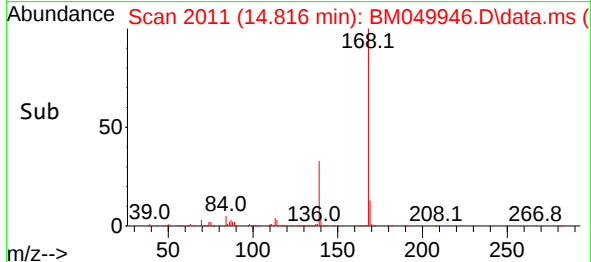
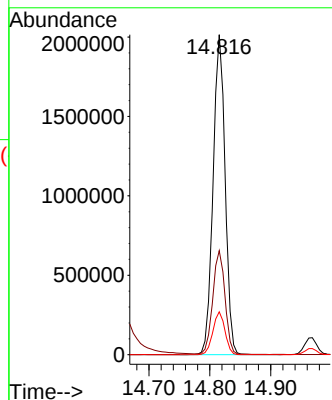
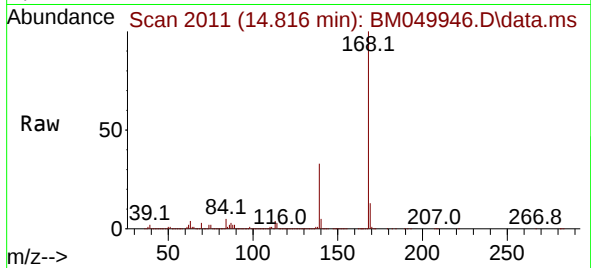




#55
Dibenzofuran
Concen: 42.201 ng
RT: 14.816 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

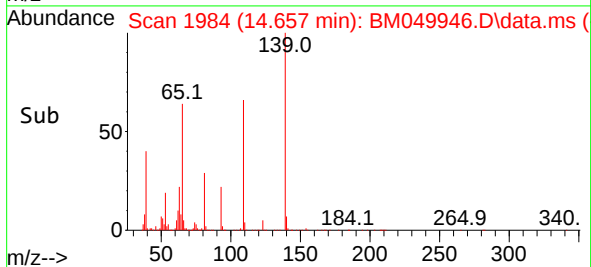
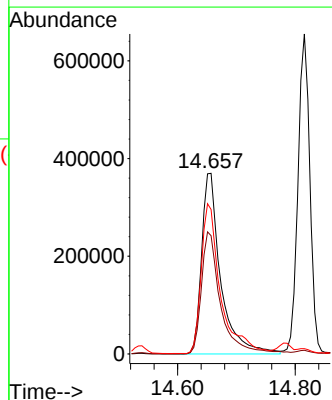
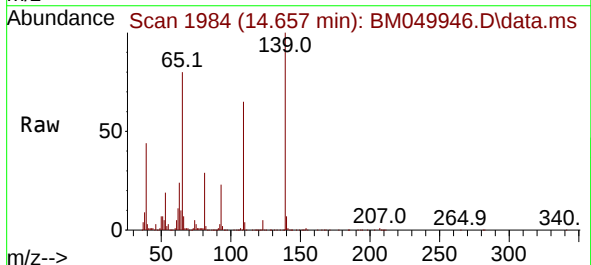
Instrument :
BNA_M
ClientSampleId :
PB167561BS

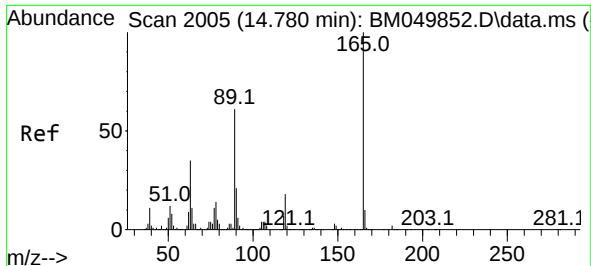
Tgt Ion:168 Resp: 2765458
Ion Ratio Lower Upper
168 100
139 32.5 26.6 39.8
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 90.417 ng
RT: 14.657 min Scan# 1984
Delta R.T. 0.018 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

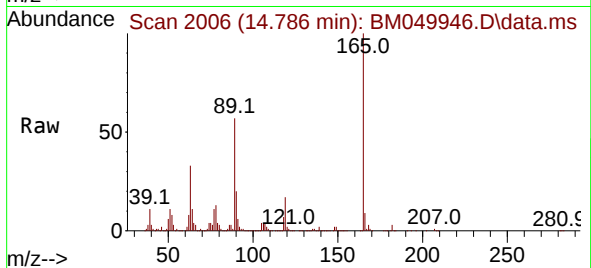
Tgt Ion:139 Resp: 833480
Ion Ratio Lower Upper
139 100
109 65.4 47.9 87.9
65 80.0 62.7 102.7



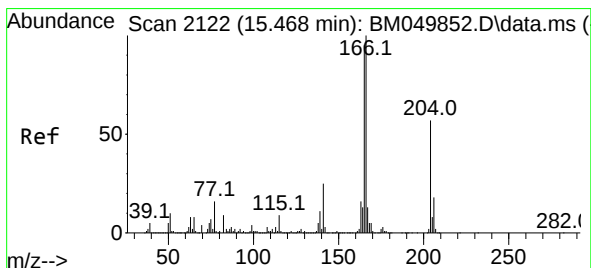
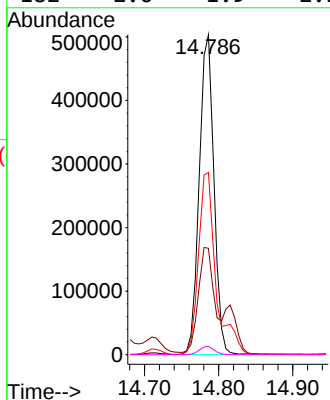
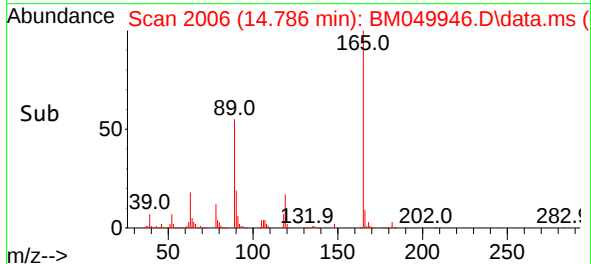


#57
2,4-Dinitrotoluene
Concen: 48.424 ng
RT: 14.786 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

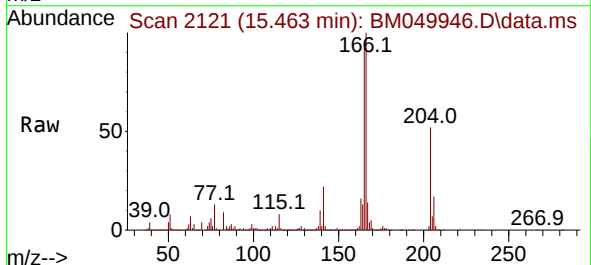
Instrument :
BNA_M
ClientSampleId :
PB167561BS



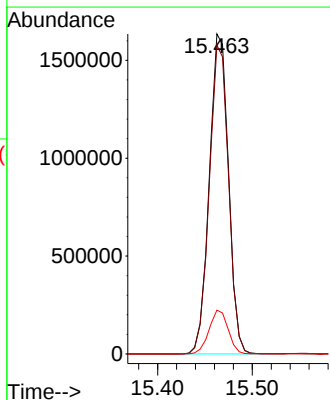
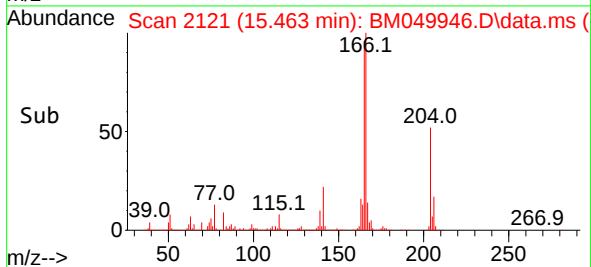
Tgt Ion:165 Resp: 691423
Ion Ratio Lower Upper
165 100
63 33.2 28.6 42.8
89 56.9 49.0 73.6
182 2.6 1.9 2.9

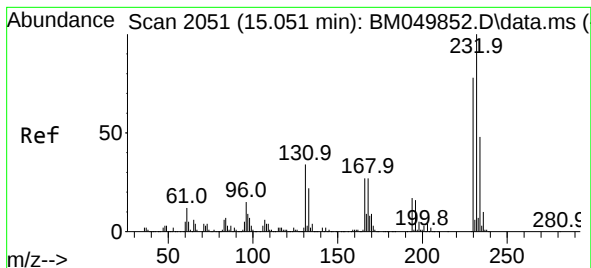


#58
Fluorene
Concen: 44.097 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47



Tgt Ion:166 Resp: 2296970
Ion Ratio Lower Upper
166 100
165 96.5 76.3 114.5
167 13.7 10.7 16.1

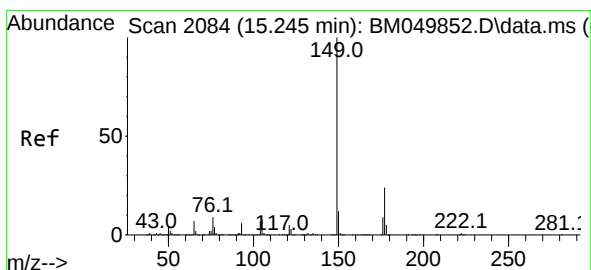
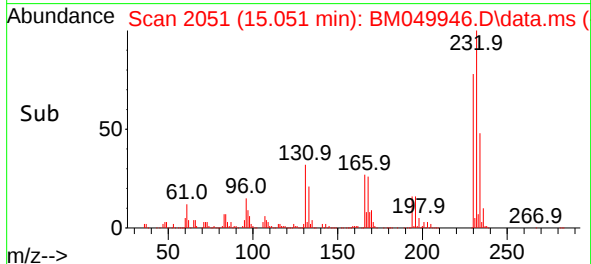
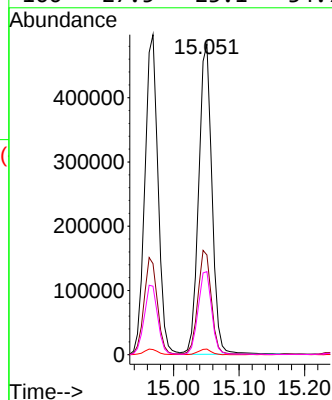
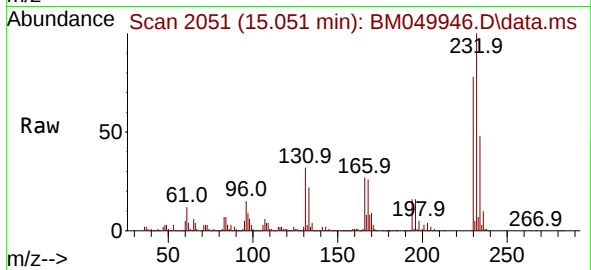




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.368 ng
RT: 15.051 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

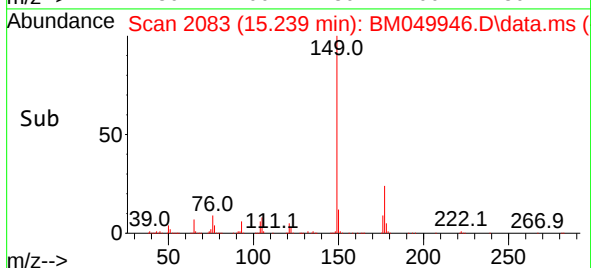
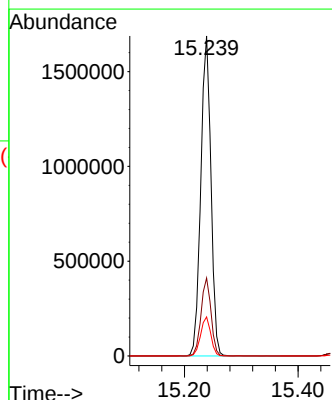
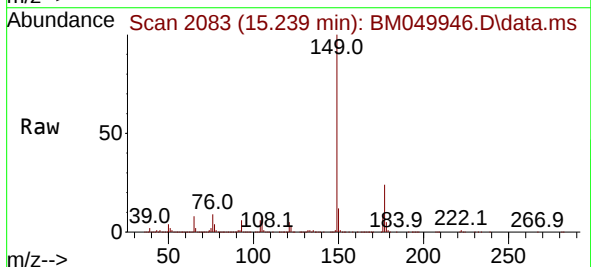
Instrument :
BNA_M
ClientSampleId :
PB167561BS

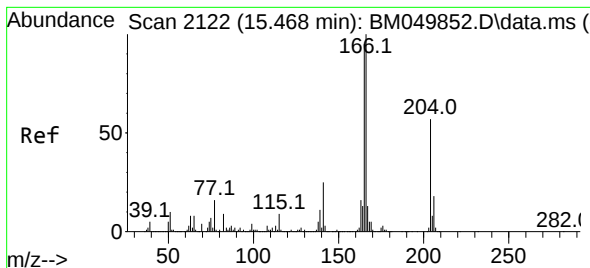
Tgt Ion:232 Resp: 681206
Ion Ratio Lower Upper
232 100
131 33.8 28.4 42.6
130 1.8 1.6 2.4
166 27.5 23.1 34.7



#60
Diethylphthalate
Concen: 42.820 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:149 Resp: 2097689
Ion Ratio Lower Upper
149 100
177 24.4 19.0 28.4
150 12.2 9.7 14.5

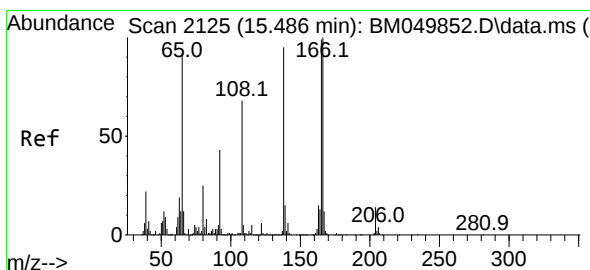
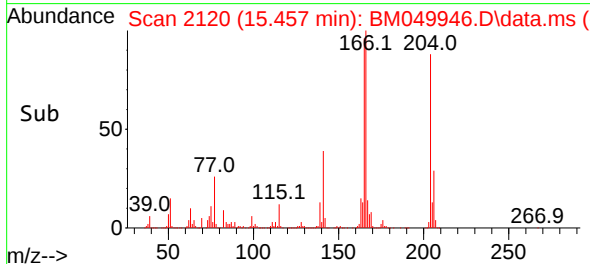
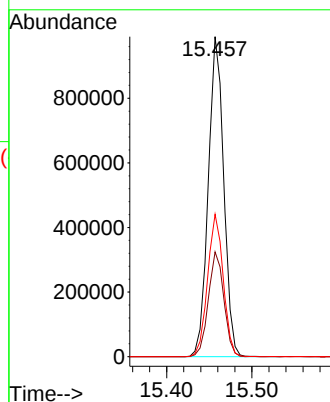
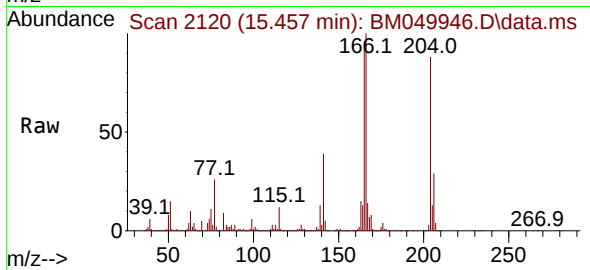




#61
4-Chlorophenyl-phenylether
Concen: 44.696 ng
RT: 15.457 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

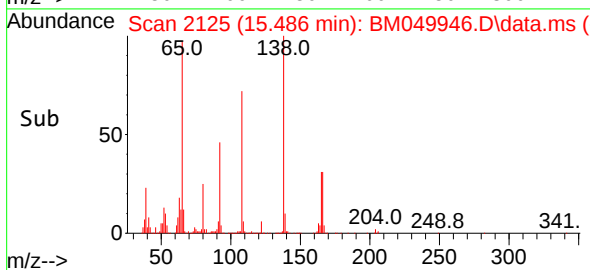
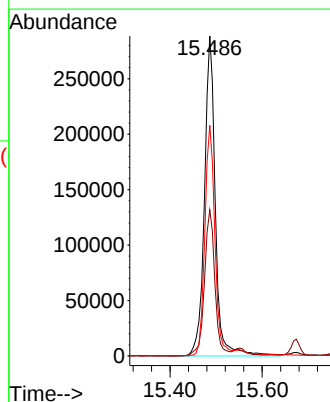
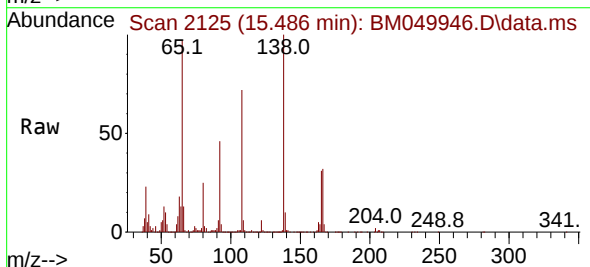
Instrument :
BNA_M
ClientSampleId :
PB167561BS

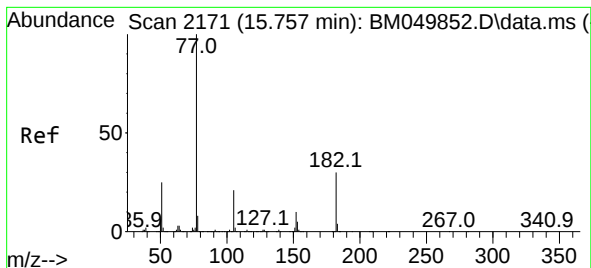
Tgt Ion:204 Resp: 1248230
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 44.5 35.0 52.6



#62
4-Nitroaniline
Concen: 44.709 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:138 Resp: 478270
Ion Ratio Lower Upper
138 100
92 45.6 24.9 64.9
108 72.1 51.7 91.7





#63

Azobenzene

Concen: 42.888 ng

RT: 15.751 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

Tgt Ion: 77 Resp: 1798794

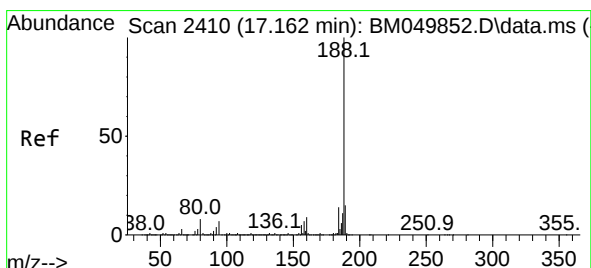
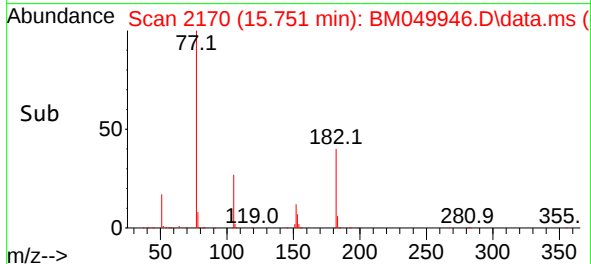
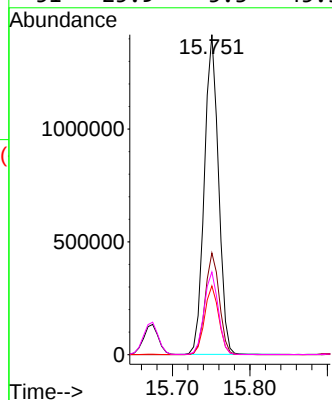
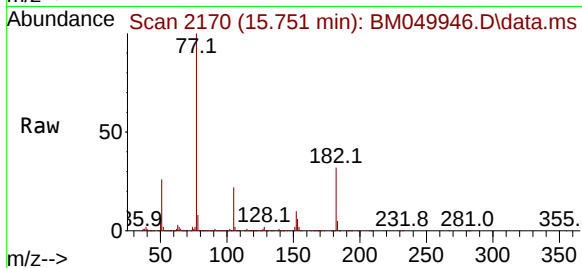
Ion Ratio Lower Upper

77 100

182 31.8 10.4 50.4

105 21.5 1.5 41.5

51 25.9 5.3 45.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.162 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

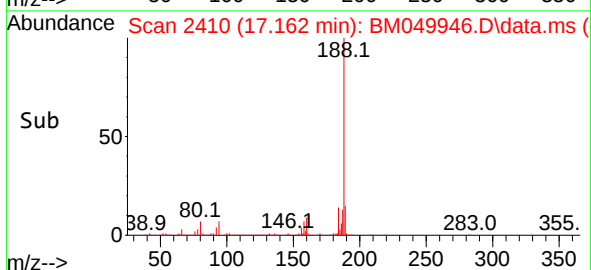
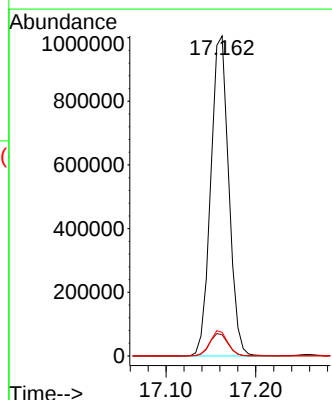
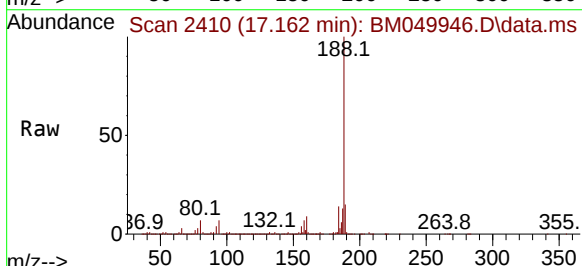
Tgt Ion:188 Resp: 1400705

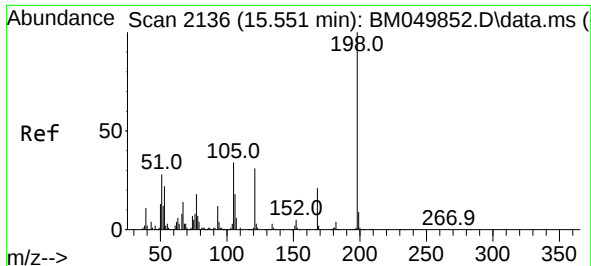
Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 7.4 6.4 9.6

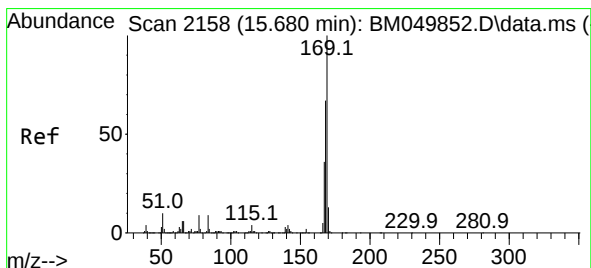
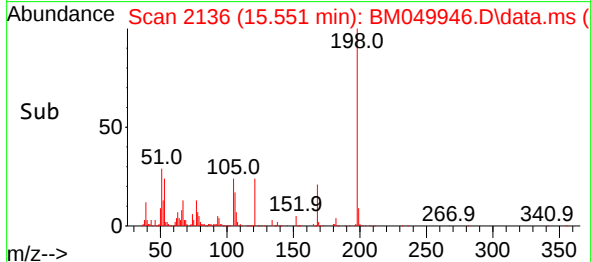
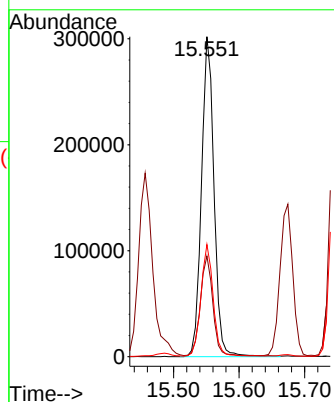
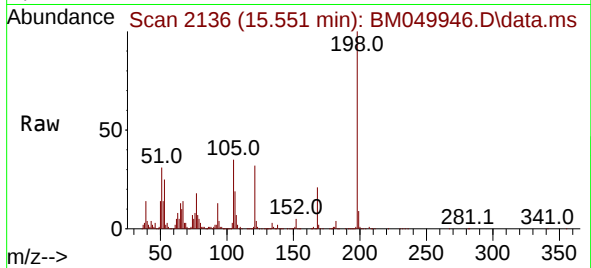




#65
4,6-Dinitro-2-methylphenol
Concen: 45.619 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

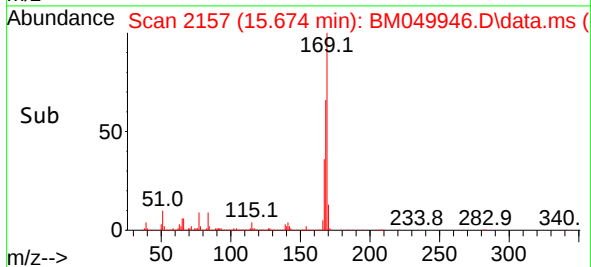
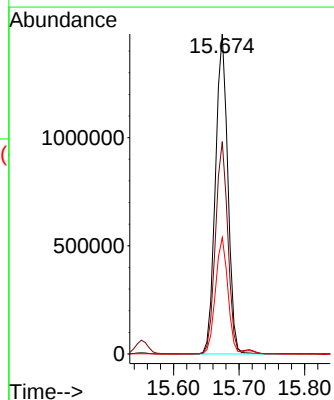
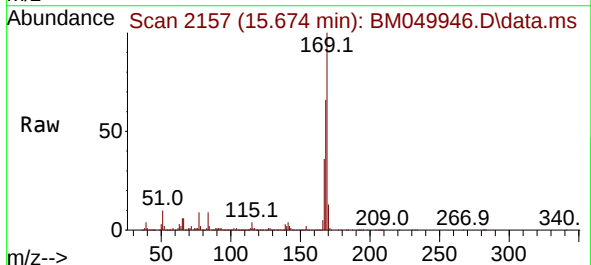
Instrument :
BNA_M
ClientSampleId :
PB167561BS

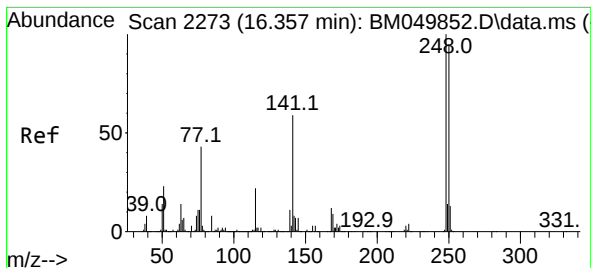
Tgt Ion:198 Resp: 402662
Ion Ratio Lower Upper
198 100
51 31.5 9.6 49.6
105 35.0 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 46.232 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:169 Resp: 1937966
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 36.4 29.0 43.6

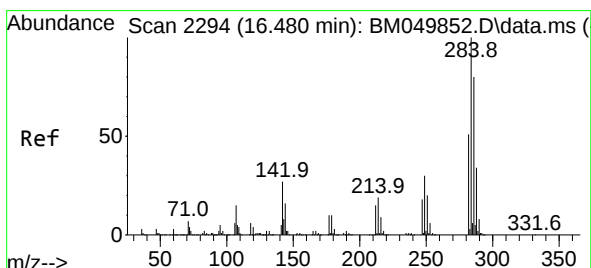
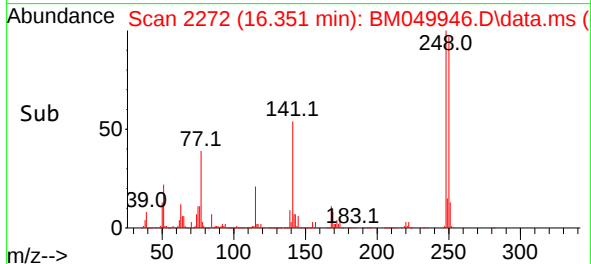
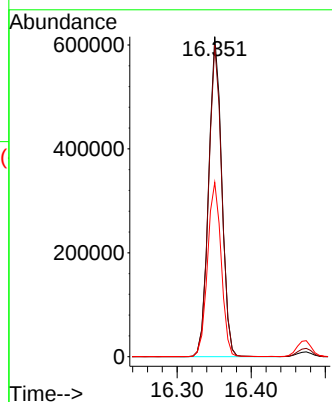
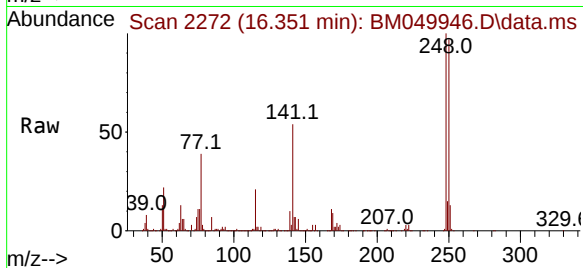




#67
4-Bromophenyl-phenylether
Concen: 46.534 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

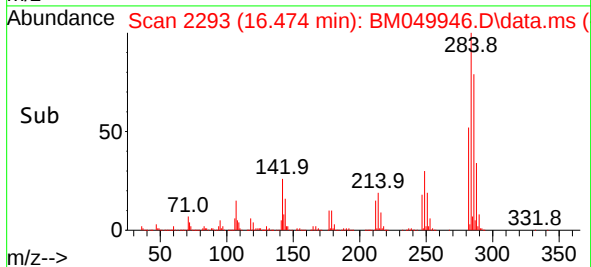
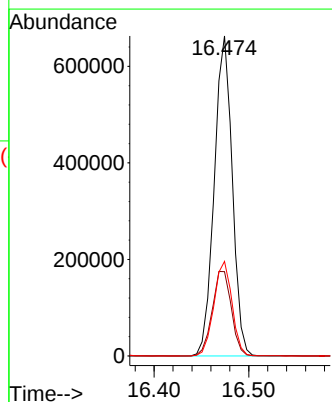
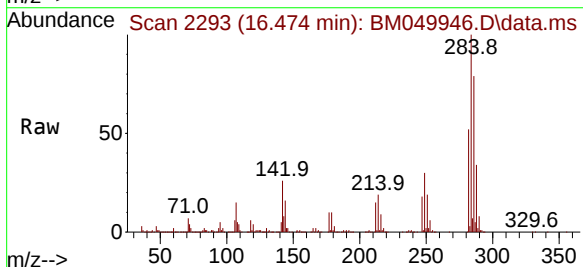
Instrument :
BNA_M
ClientSampleId :
PB167561BS

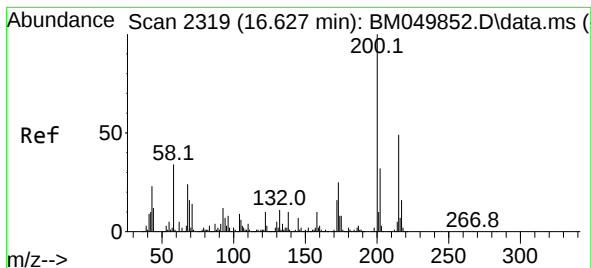
Tgt Ion:248 Resp: 756659
Ion Ratio Lower Upper
248 100
250 97.4 76.2 114.2
141 54.5 47.3 70.9



#68
Hexachlorobenzene
Concen: 46.837 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:284 Resp: 873570
Ion Ratio Lower Upper
284 100
142 26.3 21.2 31.8
249 29.6 24.1 36.1





#69

Atrazine

Concen: 62.575 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

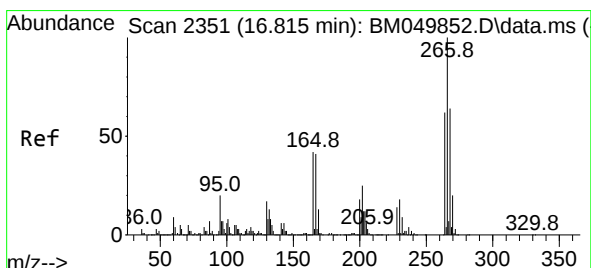
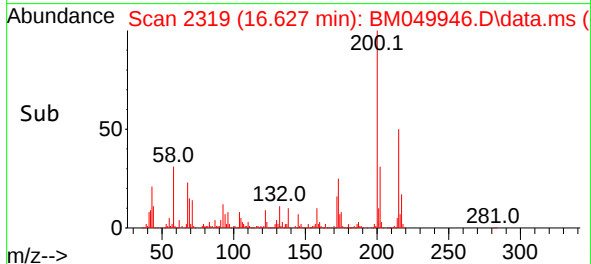
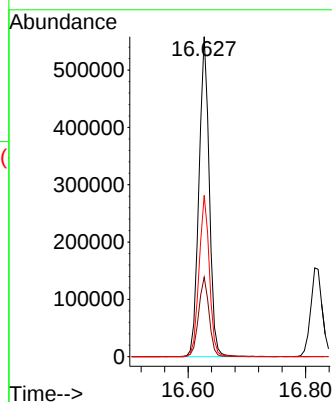
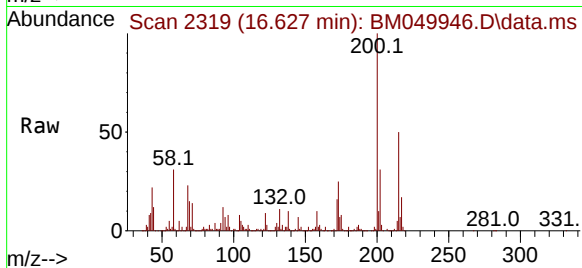
Tgt Ion:200 Resp: 680092

Ion Ratio Lower Upper

200 100

173 24.9 5.4 45.4

215 50.4 29.0 69.0



#70

Pentachlorophenol

Concen: 87.902 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

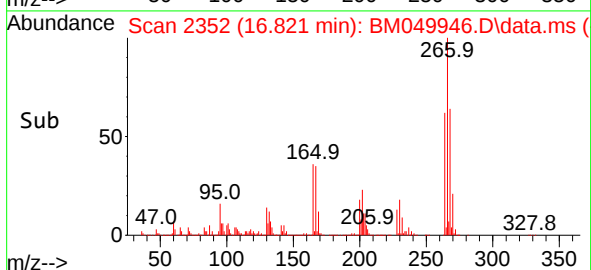
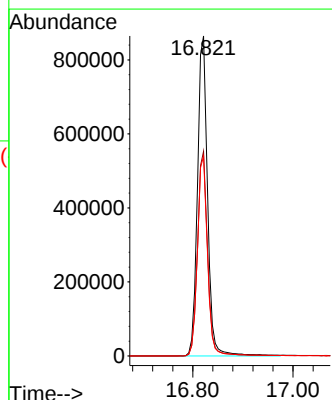
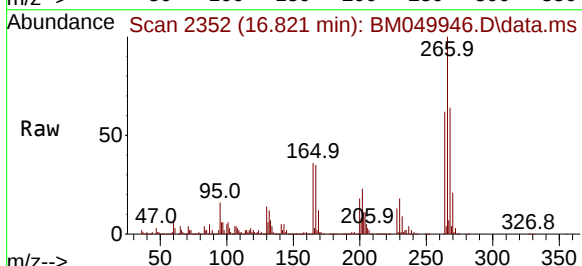
Tgt Ion:266 Resp: 1207016

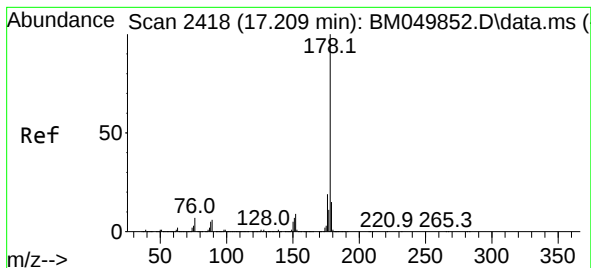
Ion Ratio Lower Upper

266 100

268 64.0 51.4 77.2

264 62.5 49.8 74.8





#71

Phenanthrene

Concen: 45.420 ng

RT: 17.204 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

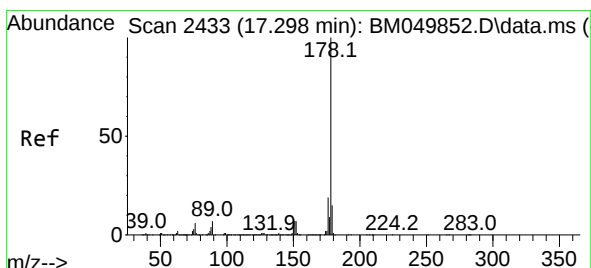
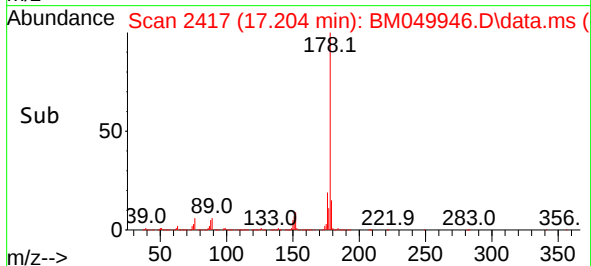
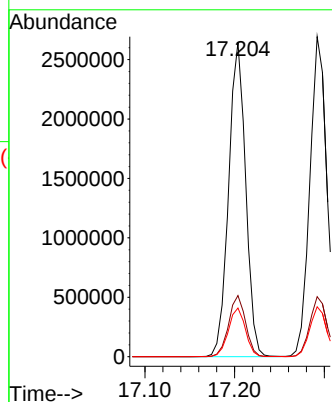
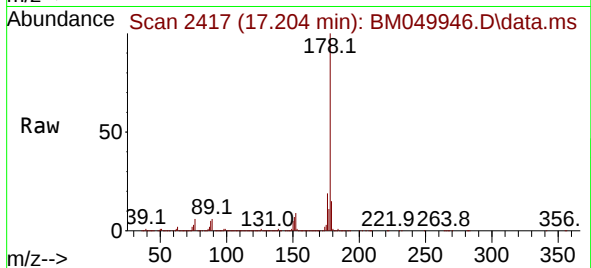
Tgt Ion:178 Resp: 3487931

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 46.991 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

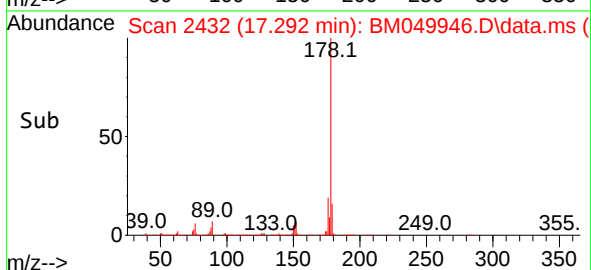
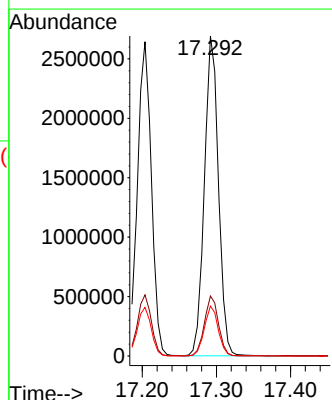
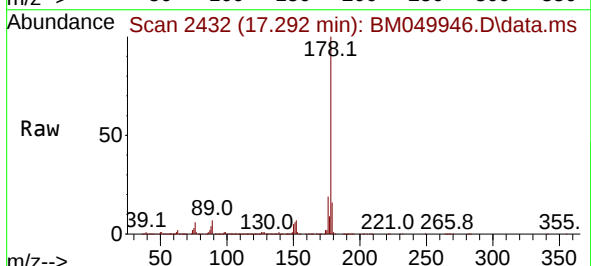
Tgt Ion:178 Resp: 3556152

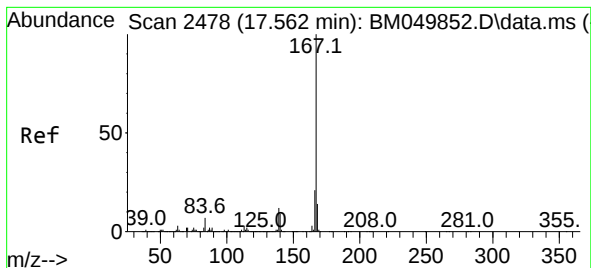
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.6 12.4 18.6





#73

Carbazole

Concen: 45.179 ng

RT: 17.568 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

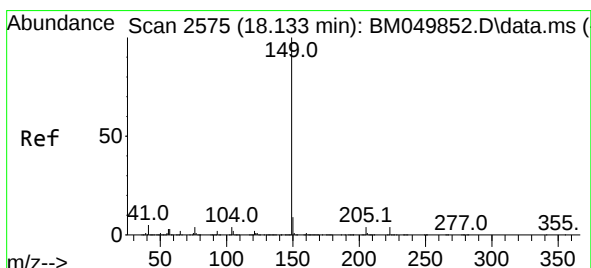
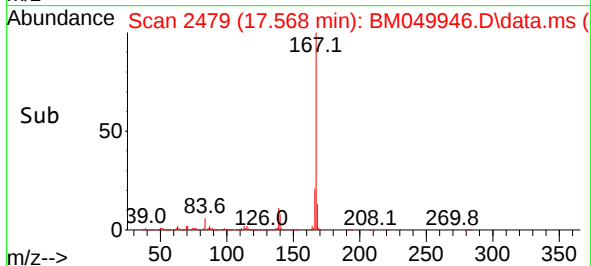
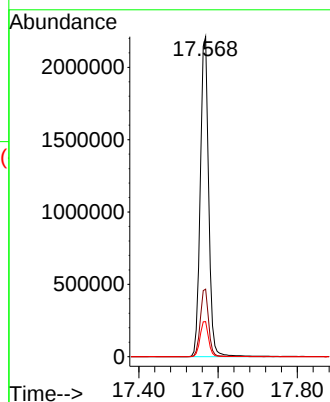
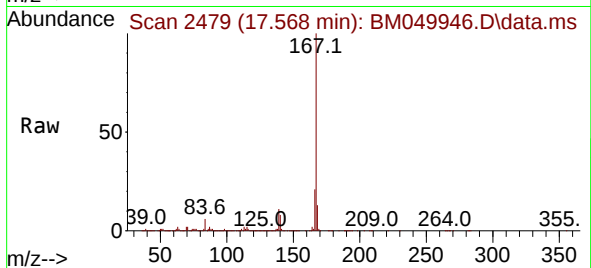
Tgt Ion:167 Resp: 3220292

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 11.0 9.3 13.9



#74

Di-n-butylphthalate

Concen: 44.244 ng

RT: 18.127 min Scan# 2574

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

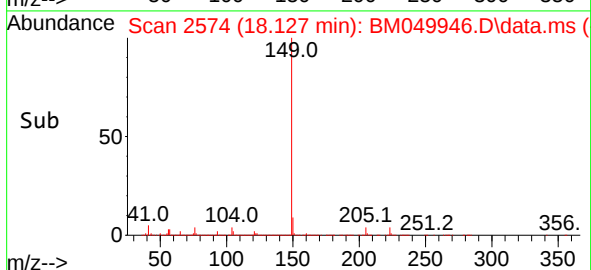
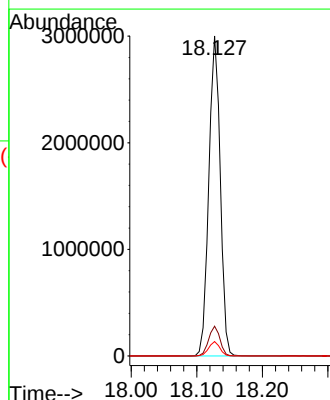
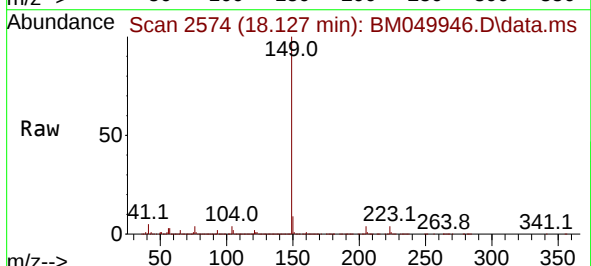
Tgt Ion:149 Resp: 3632427

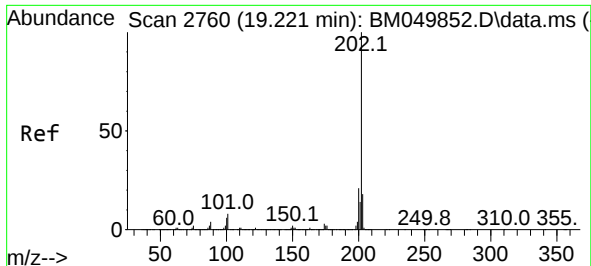
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.5 3.5 5.3

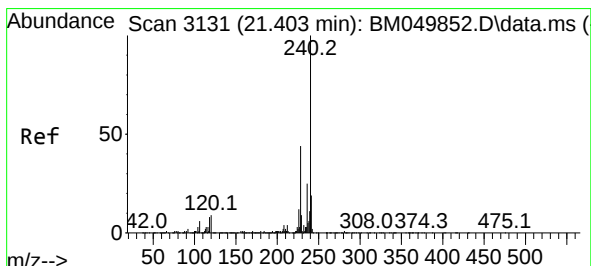
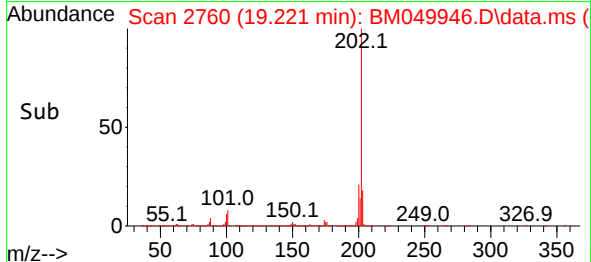
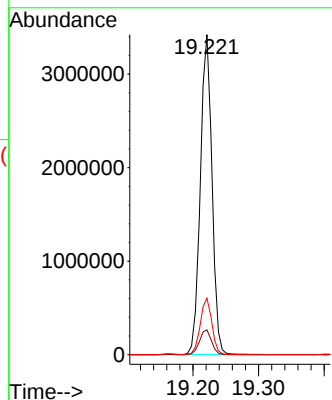
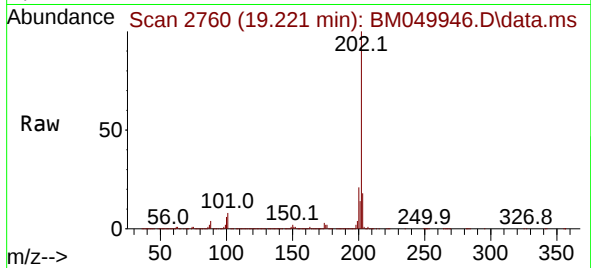




#75
Fluoranthene
Concen: 44.847 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

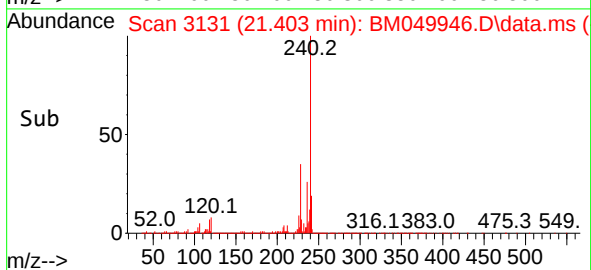
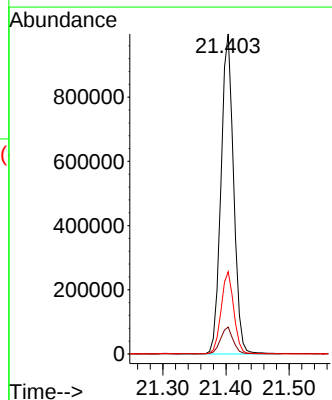
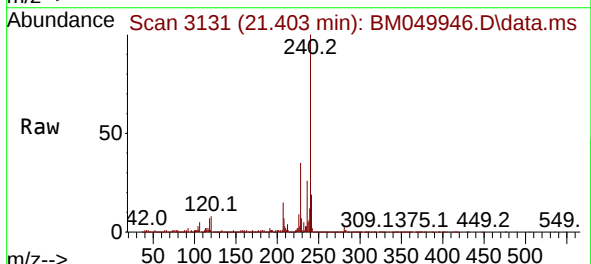
Instrument :
BNA_M
ClientSampleId :
PB167561BS

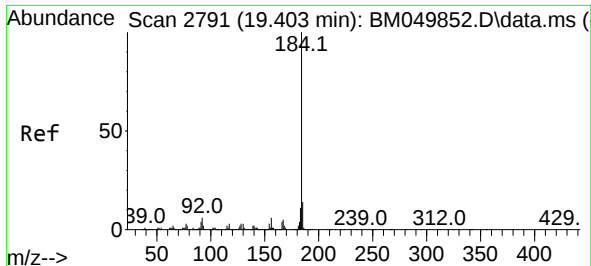
Tgt Ion:202 Resp: 4234469
Ion Ratio Lower Upper
202 100
101 7.8 0.0 28.4
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:240 Resp: 1385980
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.7 20.4 30.6

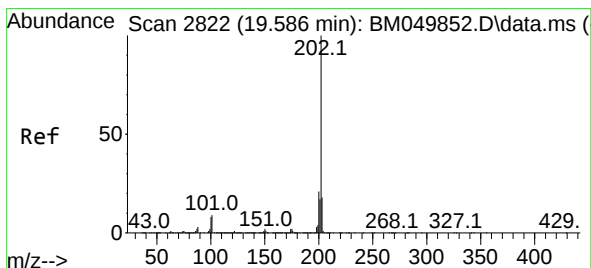
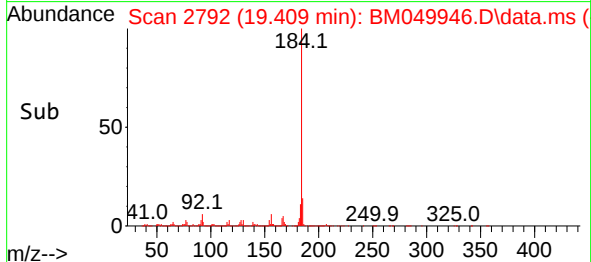
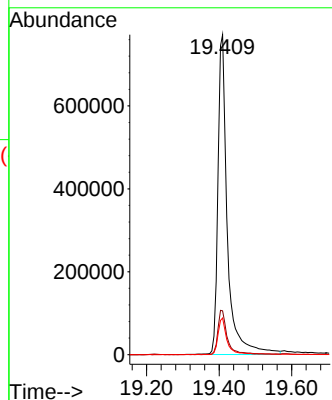
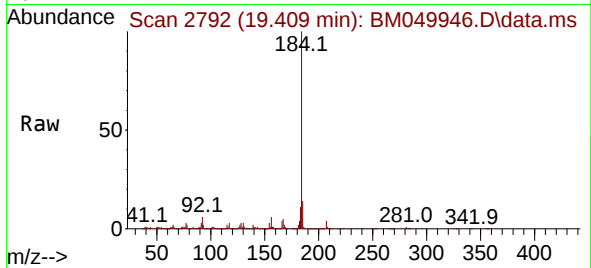




#77
Benzidine
Concen: 76.048 ng
RT: 19.409 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

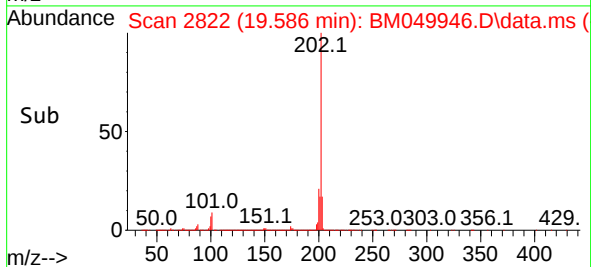
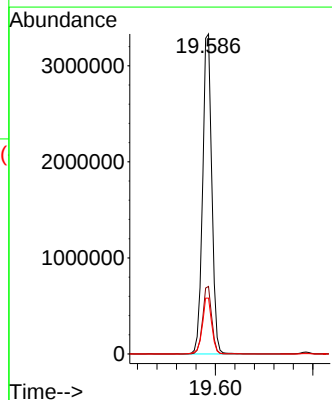
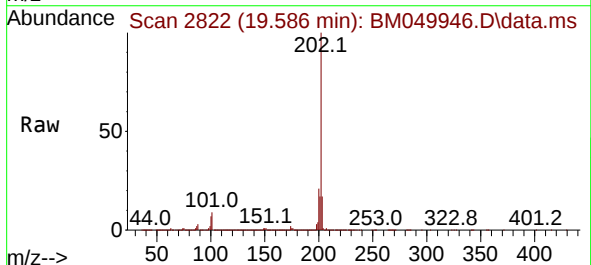
Instrument :
BNA_M
ClientSampleId :
PB167561BS

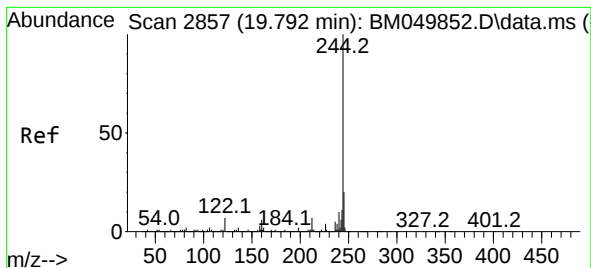
Tgt Ion:184 Resp: 1398289
Ion Ratio Lower Upper
184 100
185 13.7 11.4 17.2
183 11.4 8.8 13.2



#78
Pyrene
Concen: 45.822 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:202 Resp: 4376861
Ion Ratio Lower Upper
202 100
200 21.1 16.5 24.7
203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 96.179 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

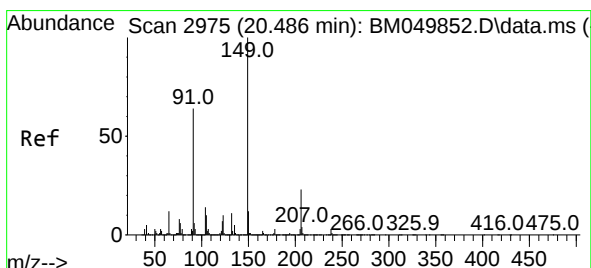
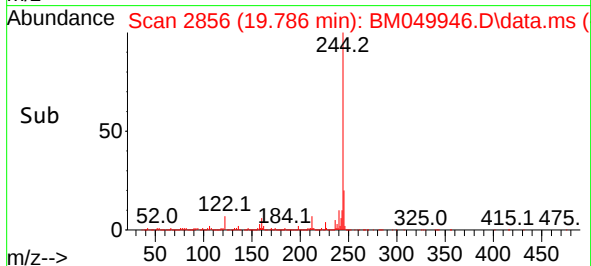
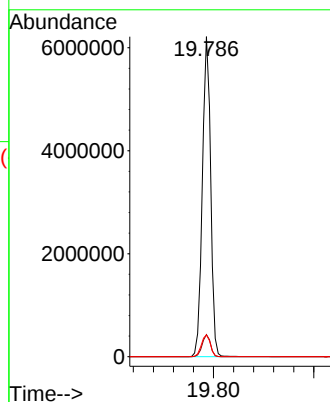
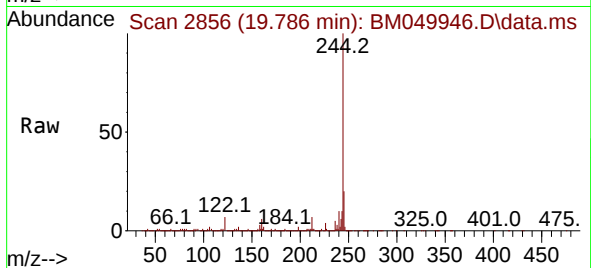
Tgt Ion:244 Resp: 7113036

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 6.8 5.4 8.0



#80

Butylbenzylphthalate

Concen: 45.330 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

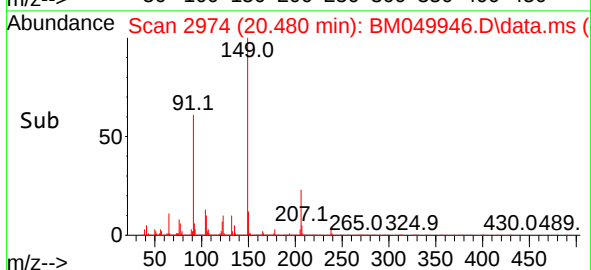
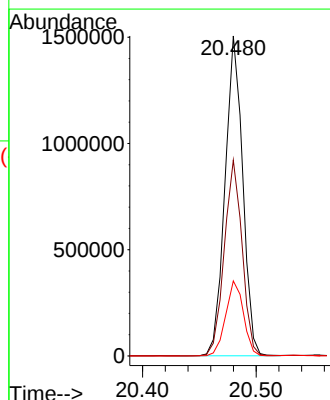
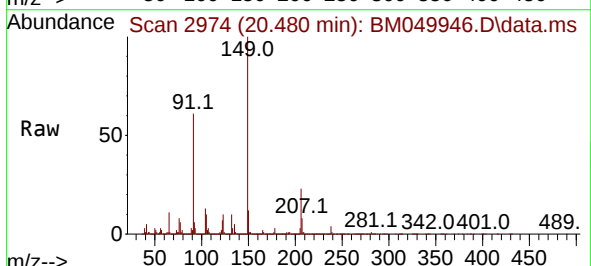
Tgt Ion:149 Resp: 1626969

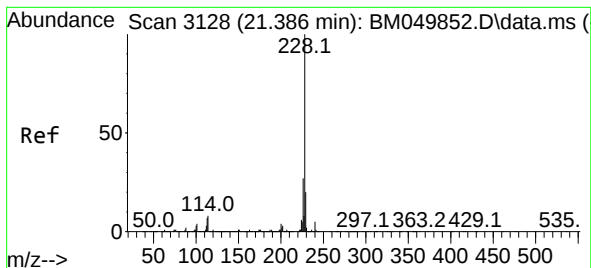
Ion Ratio Lower Upper

149 100

91 61.2 50.9 76.3

206 23.4 18.4 27.6





#81

Benzo(a)anthracene

Concen: 46.471 ng

RT: 21.386 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

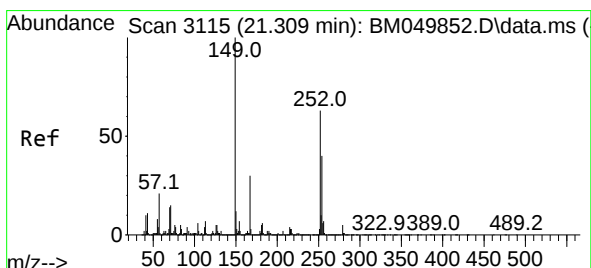
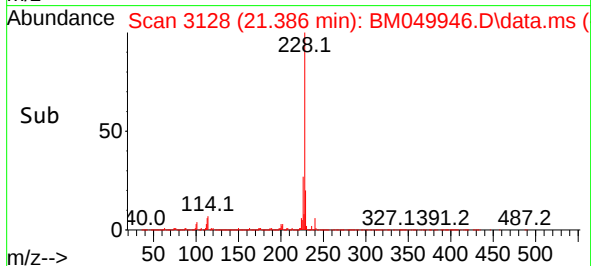
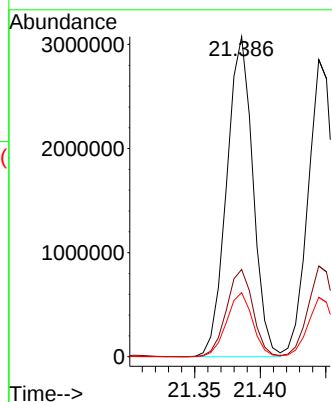
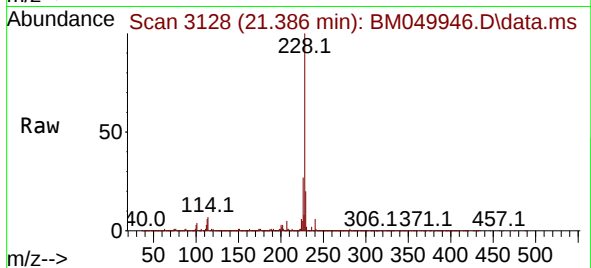
Tgt Ion:228 Resp: 4280510

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 31.545 ng

RT: 21.309 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

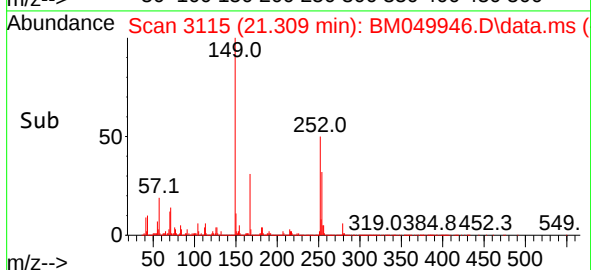
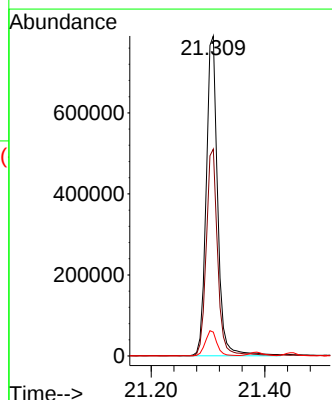
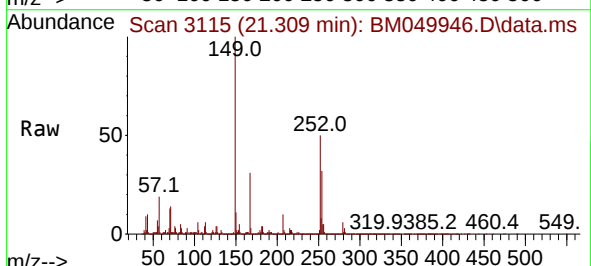
Tgt Ion:252 Resp: 1097289

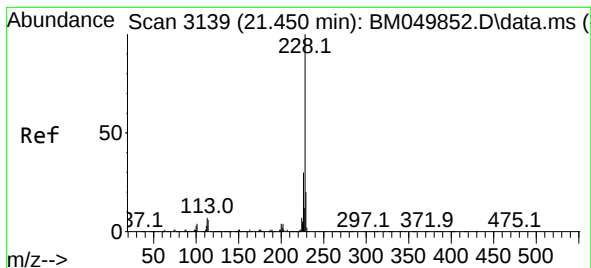
Ion Ratio Lower Upper

252 100

254 64.7 51.5 77.3

126 7.5 6.3 9.5





#83

Chrysene

Concen: 45.031 ng

RT: 21.445 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

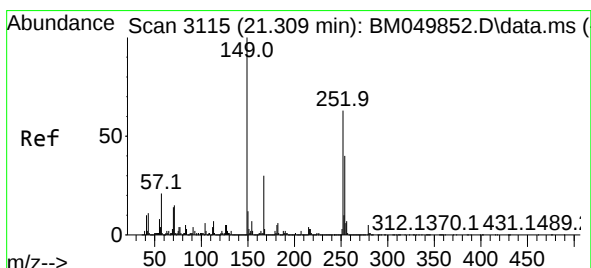
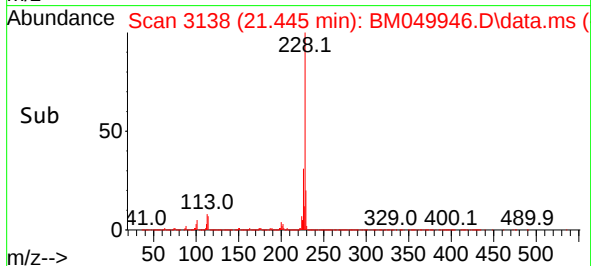
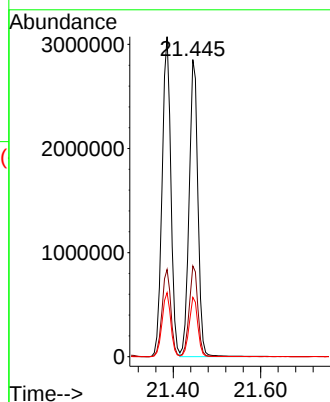
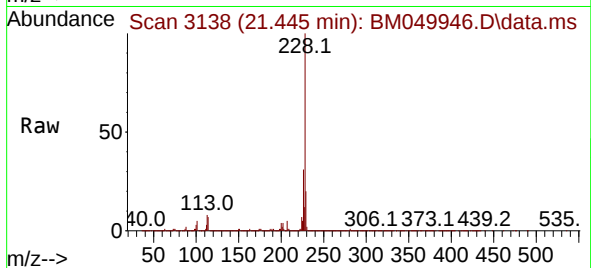
Tgt Ion:228 Resp: 3943451

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.993 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

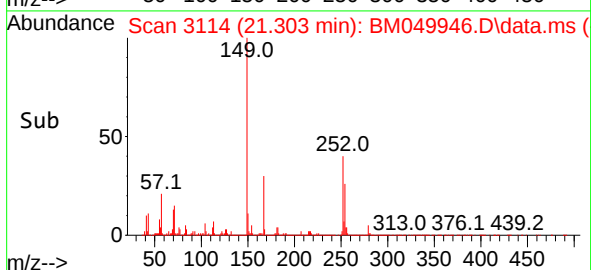
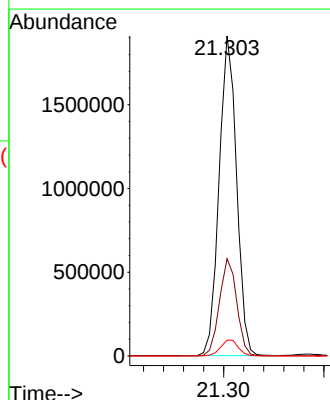
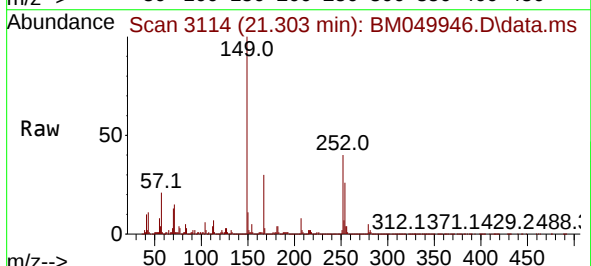
Tgt Ion:149 Resp: 2300490

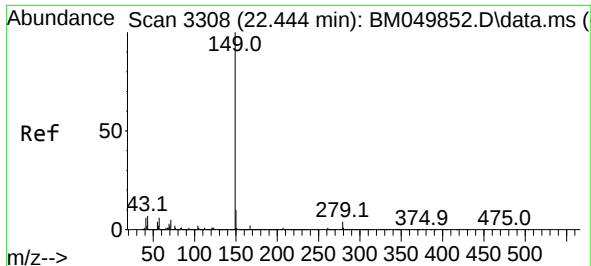
Ion Ratio Lower Upper

149 100

167 30.4 23.8 35.6

279 4.9 3.8 5.8

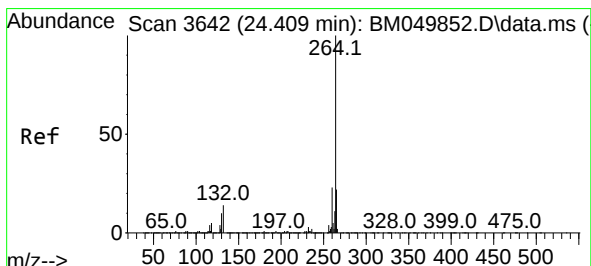
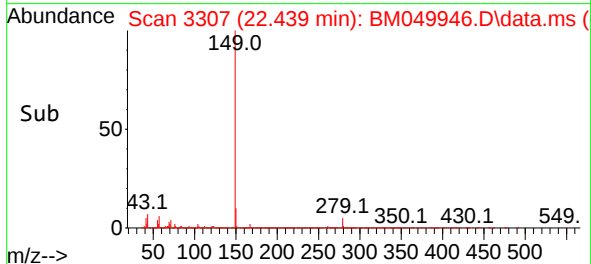
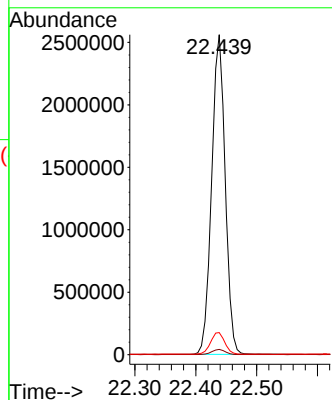
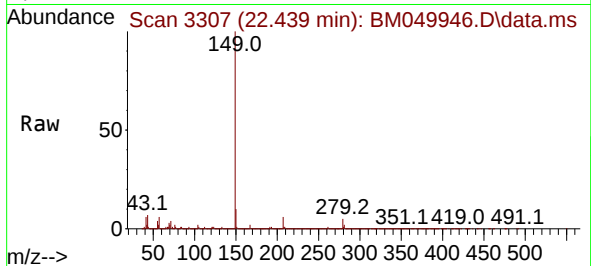




#85
Di-n-octyl phthalate
Concen: 43.200 ng
RT: 22.439 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

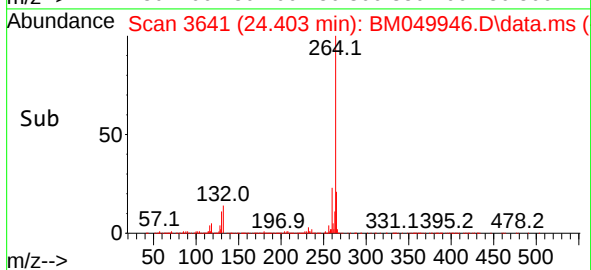
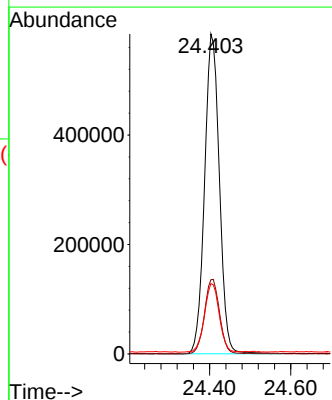
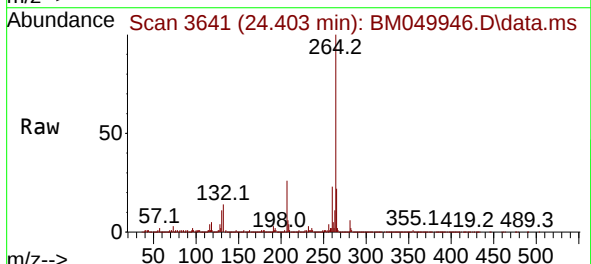
Instrument :
BNA_M
ClientSampleId :
PB167561BS

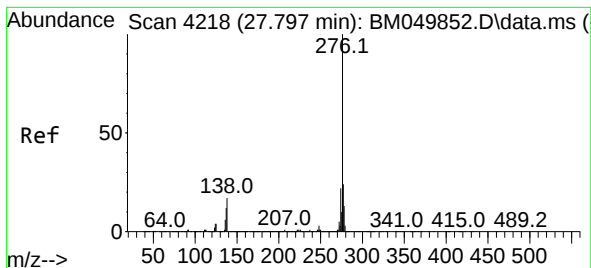
Tgt Ion:149 Resp: 3952059
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.0 5.8 8.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.006 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:264 Resp: 1475766
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.0 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.396 ng

RT: 27.809 min Scan# 41

Delta R.T. 0.012 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

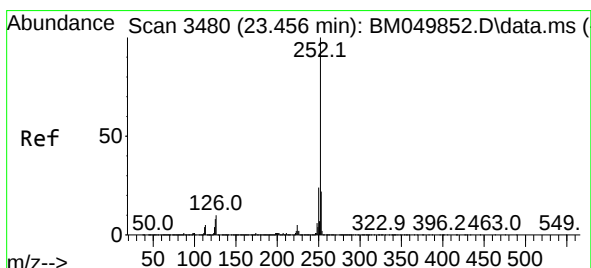
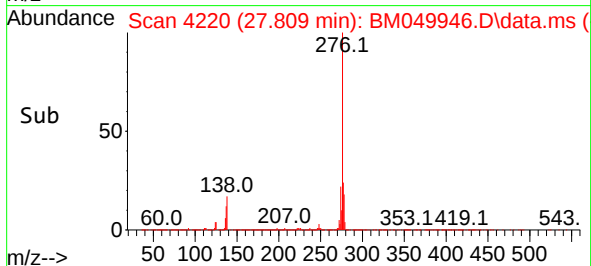
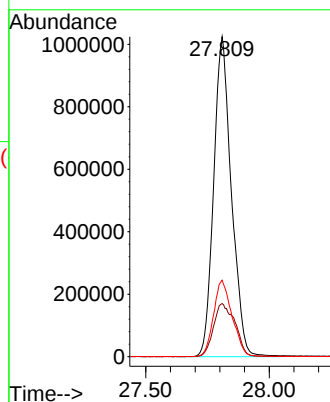
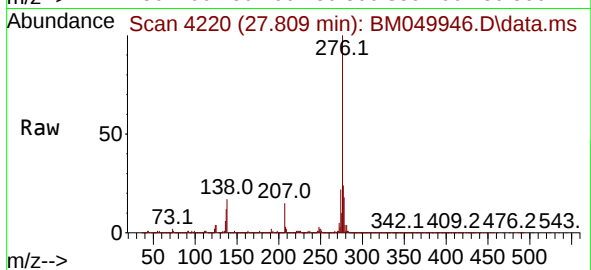
Tgt Ion:276 Resp: 5103768

Ion Ratio Lower Upper

276 100

138 20.2 16.8 25.2

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 44.365 ng

RT: 23.462 min Scan# 3481

Delta R.T. 0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

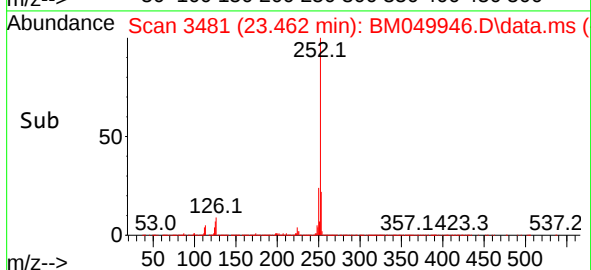
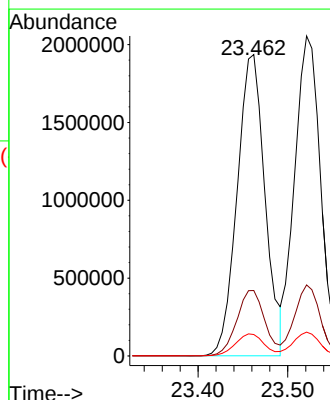
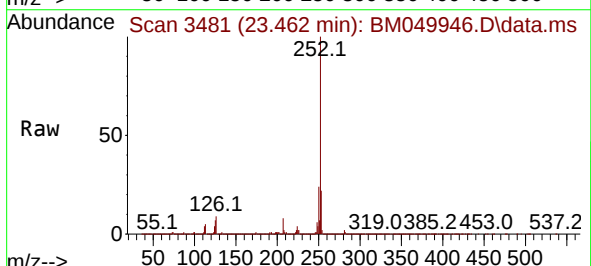
Tgt Ion:252 Resp: 4181505

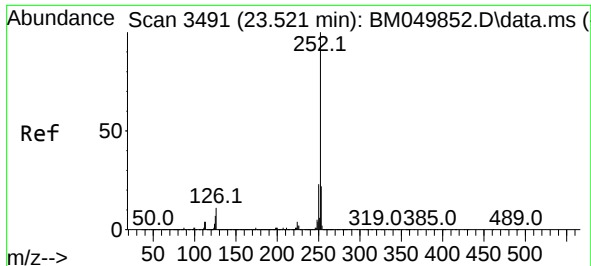
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.1 6.2 9.4

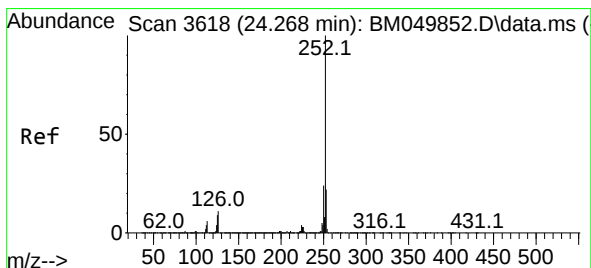
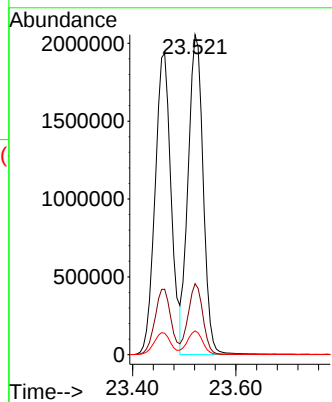
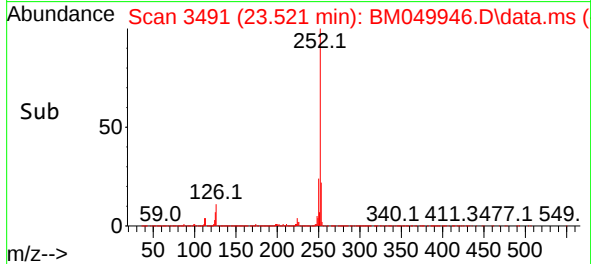
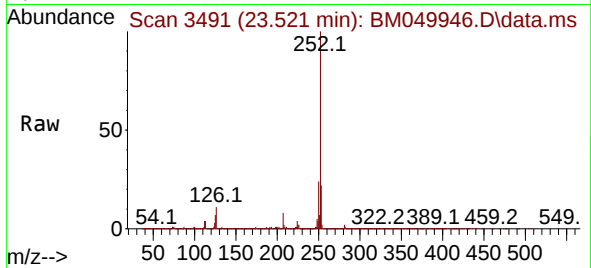




#89
Benzo(k)fluoranthene
Concen: 45.292 ng
RT: 23.521 min Scan# 3491
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

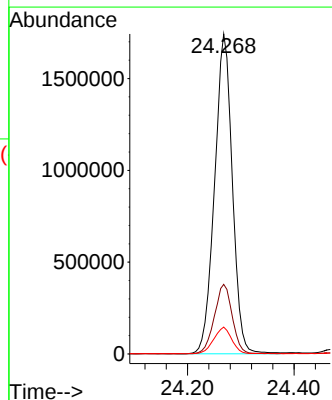
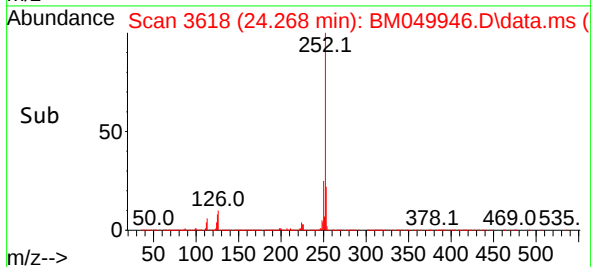
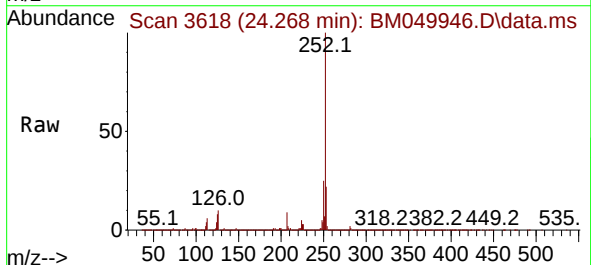
Instrument :
BNA_M
ClientSampleId :
PB167561BS

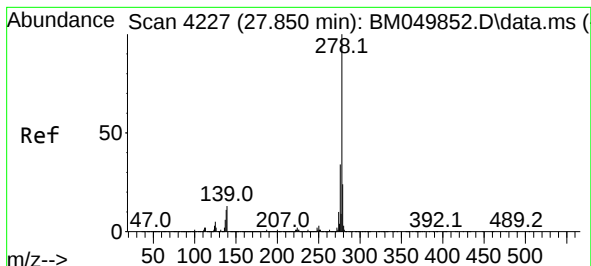
Tgt Ion:252 Resp: 4136825
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 7.4 5.8 8.8



#90
Benzo(a)pyrene
Concen: 48.567 ng
RT: 24.268 min Scan# 3618
Delta R.T. 0.000 min
Lab File: BM049946.D
Acq: 16 Apr 2025 10:47

Tgt Ion:252 Resp: 4022413
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.4 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 45.993 ng

RT: 27.856 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB167561BS

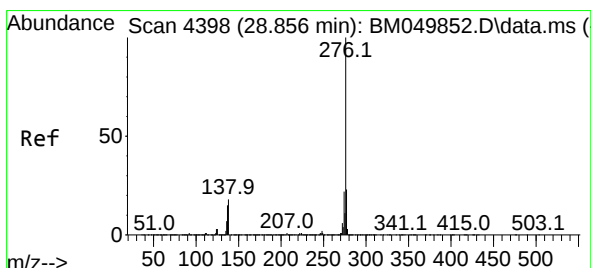
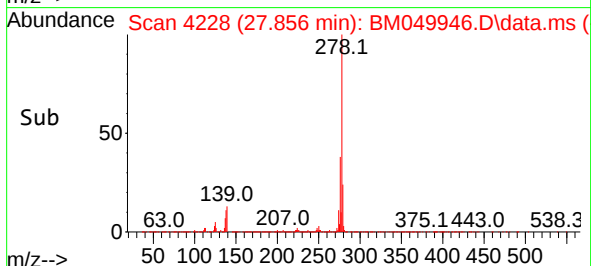
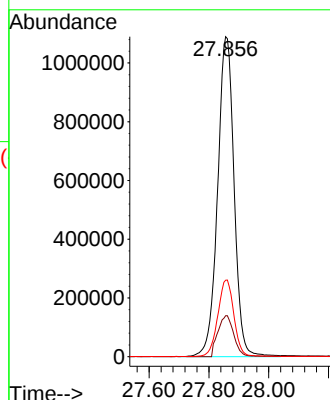
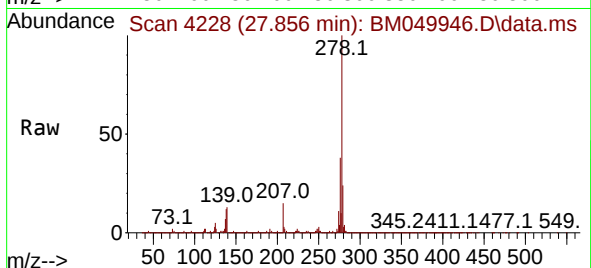
Tgt Ion:278 Resp: 4167418

Ion Ratio Lower Upper

278 100

139 12.8 10.6 15.8

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 43.356 ng

RT: 28.868 min Scan# 4400

Delta R.T. 0.012 min

Lab File: BM049946.D

Acq: 16 Apr 2025 10:47

Tgt Ion:276 Resp: 4014440

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 17.2 14.6 21.8

