

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
 Data File : BM049947.D
 Acq On : 16 Apr 2025 11:26
 Operator : RC/JU
 Sample : PB167509BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167509BS

Quant Time: Apr 16 12:10:32 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	335569	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1154159	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	723173	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1408528	20.000	ng	0.00
76) Chrysene-d12	21.404	240	1396785	20.000	ng	0.00
86) Perylene-d12	24.403	264	1468801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2517914	127.414	ng	0.00
7) Phenol-d6	6.952	99	3087375	125.568	ng	0.00
23) Nitrobenzene-d5	8.928	82	1807121	87.189	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1524489	144.930	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	4755133	89.163	ng	-0.01
79) Terphenyl-d14	19.786	244	7545930	101.243	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	285236	35.047	ng	99
3) Pyridine	3.652	79	801586	37.487	ng	99
4) n-Nitrosodimethylamine	3.564	42	348421	42.817	ng	100
6) Aniline	7.099	93	802210	38.077	ng	100
8) 2-Chlorophenol	7.340	128	926757	45.761	ng	99
9) Benzaldehyde	6.910	77	410086	32.502	ng	99
10) Phenol	6.981	94	1092338	45.526	ng	98
11) bis(2-Chloroethyl)ether	7.193	93	862929	45.862	ng	100
12) 1,3-Dichlorobenzene	7.657	146	1062242	44.365	ng	98
13) 1,4-Dichlorobenzene	7.805	146	1072356	44.511	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1029815	45.382	ng	99
15) Benzyl Alcohol	8.016	79	709628	45.834	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1007433	48.038	ng	98
17) 2-Methylphenol	8.222	107	711381	48.112	ng	99
18) Hexachloroethane	8.846	117	374982	44.738	ng	99
19) n-Nitroso-di-n-propyla...	8.581	70	626211	45.985	ng	99
20) 3+4-Methylphenols	8.552	107	954078	47.329	ng	99
22) Acetophenone	8.593	105	1241485	44.260	ng	# 99
24) Nitrobenzene	8.969	77	897029	44.947	ng	99
25) Isophorone	9.499	82	1683372	48.483	ng	99
26) 2-Nitrophenol	9.681	139	487144	46.053	ng	99
27) 2,4-Dimethylphenol	9.751	122	789352	65.846	ng	98
28) bis(2-Chloroethoxy)met...	9.975	93	1054935	45.383	ng	99
29) 2,4-Dichlorophenol	10.228	162	904031	45.368	ng	98
30) 1,2,4-Trichlorobenzene	10.428	180	1025903	44.503	ng	99
31) Naphthalene	10.616	128	2556936	43.115	ng	99
32) Benzoic acid	9.899	122	462990	34.154	ng	98
33) 4-Chloroaniline	10.728	127	517747	24.724	ng	98
34) Hexachlorobutadiene	10.904	225	658407	46.174	ng	98
35) Caprolactam	11.516	113	251400	43.988	ng	99
36) 4-Chloro-3-methylphenol	11.869	107	793616	45.467	ng	99
37) 2-Methylnaphthalene	12.228	142	1684399	40.312	ng	100
38) 1-Methylnaphthalene	12.451	142	1758489	43.198	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1167474	46.145	ng	99
41) Hexachlorocyclopentadiene	12.581	237	1433013	161.644	ng	98
43) 2,4,6-Trichlorophenol	12.851	196	772469	47.982	ng	98

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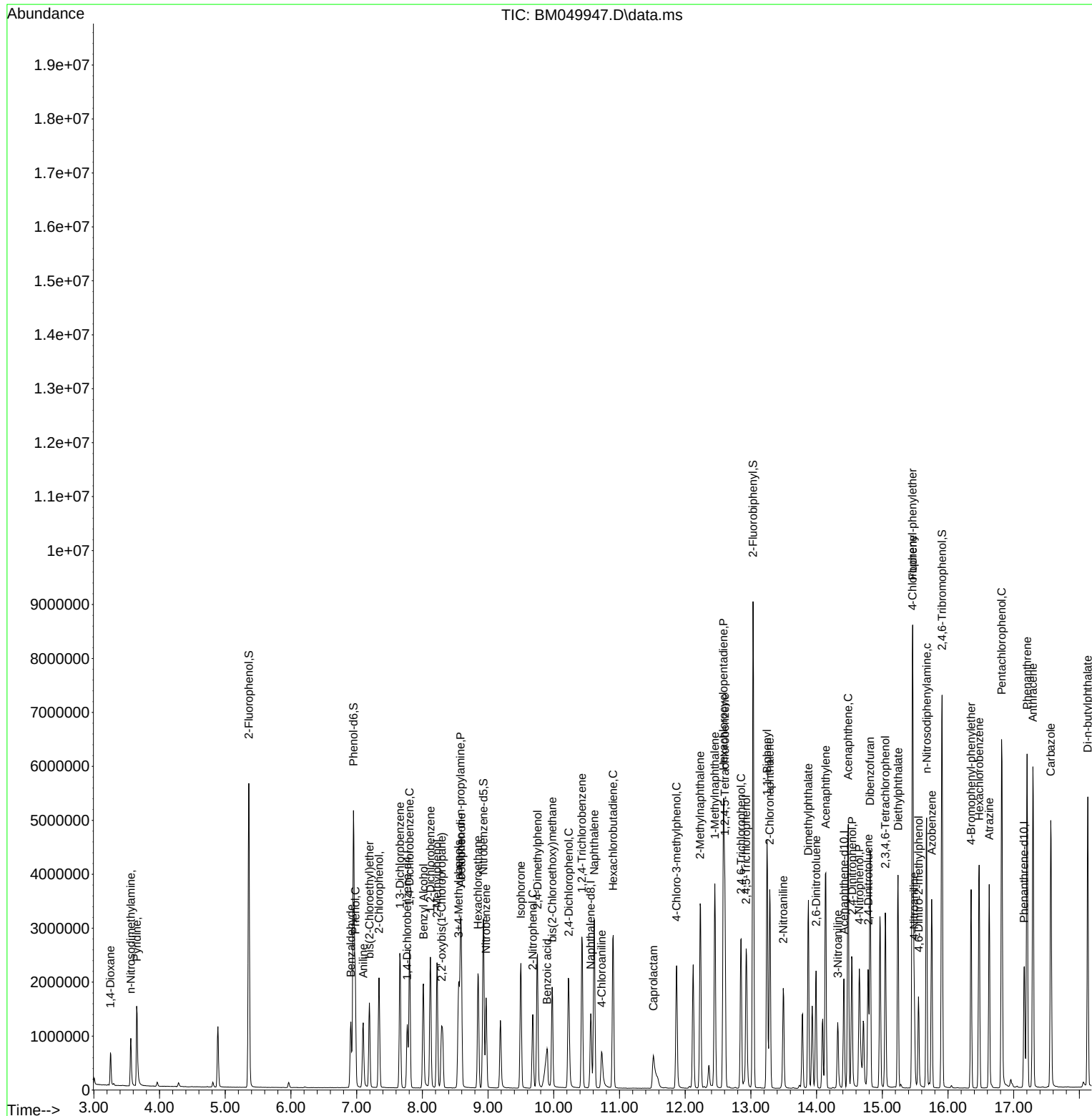
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	833745	47.656	ng	99
46) 1,1'-Biphenyl	13.245	154	2422318	45.059	ng	100
47) 2-Chloronaphthalene	13.287	162	1925861	45.579	ng	98
48) 2-Nitroaniline	13.492	65	474869	48.580	ng	99
49) Acenaphthylene	14.139	152	3047254	49.510	ng	99
50) Dimethylphthalate	13.875	163	2358862	46.235	ng	100
51) 2,6-Dinitrotoluene	13.992	165	515213	48.200	ng	97
52) Acenaphthene	14.481	154	1764030	45.059	ng	99
53) 3-Nitroaniline	14.322	138	351369	34.011	ng	97
54) 2,4-Dinitrophenol	14.539	184	668125	85.742	ng	97
55) Dibenzofuran	14.816	168	2892823	44.201	ng	98
56) 4-Nitrophenol	14.651	139	879693	95.553	ng	99
57) 2,4-Dinitrotoluene	14.786	165	725380	50.868	ng	95
58) Fluorene	15.463	166	2409614	46.319	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	711309	46.388	ng	97
60) Diethylphthalate	15.239	149	2190399	44.769	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1302004	46.682	ng	99
62) 4-Nitroaniline	15.486	138	502922	47.073	ng	99
63) Azobenzene	15.751	77	1866693	44.564	ng	97
65) 4,6-Dinitro-2-methylph...	15.551	198	437036	49.238	ng	98
66) n-Nitrosodiphenylamine	15.675	169	2034520	48.266	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	790083	48.319	ng	97
68) Hexachlorobenzene	16.475	284	919430	49.022	ng	99
69) Atrazine	16.627	200	731486	66.929	ng	98
70) Pentachlorophenol	16.816	266	1280079	92.705	ng	100
71) Phenanthrene	17.204	178	3723574	48.220	ng	100
72) Anthracene	17.292	178	3775775	49.616	ng	100
73) Carbazole	17.563	167	3426685	47.807	ng	99
74) Di-n-butylphthalate	18.127	149	3828697	46.376	ng	99
75) Fluoranthene	19.221	202	4496471	47.358	ng	99
77) Benzidine	19.404	184	1898133	102.434	ng	100
78) Pyrene	19.580	202	4650588	48.311	ng	100
80) Butylbenzylphthalate	20.480	149	1697848	46.939	ng	99
81) Benzo(a)anthracene	21.386	228	4535328	48.856	ng	100
82) 3,3'-Dichlorobenzidine	21.304	252	1250970	35.685	ng	99
83) Chrysene	21.445	228	4184241	47.411	ng	99
84) Bis(2-ethylhexyl)phtha...	21.304	149	2394124	45.429	ng	98
85) Di-n-octyl phthalate	22.439	149	4115837	44.642	ng	100
87) Indeno(1,2,3-cd)pyrene	27.809	276	5360089	48.957	ng	99
88) Benzo(b)fluoranthene	23.462	252	4436790	47.297	ng	99
89) Benzo(k)fluoranthene	23.521	252	4265178	46.919	ng	100
90) Benzo(a)pyrene	24.268	252	4193597	50.874	ng	99
91) Dibenzo(a,h)anthracene	27.856	278	4387155	48.647	ng	99
92) Benzo(g,h,i)perylene	28.862	276	4256093	46.184	ng	99

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

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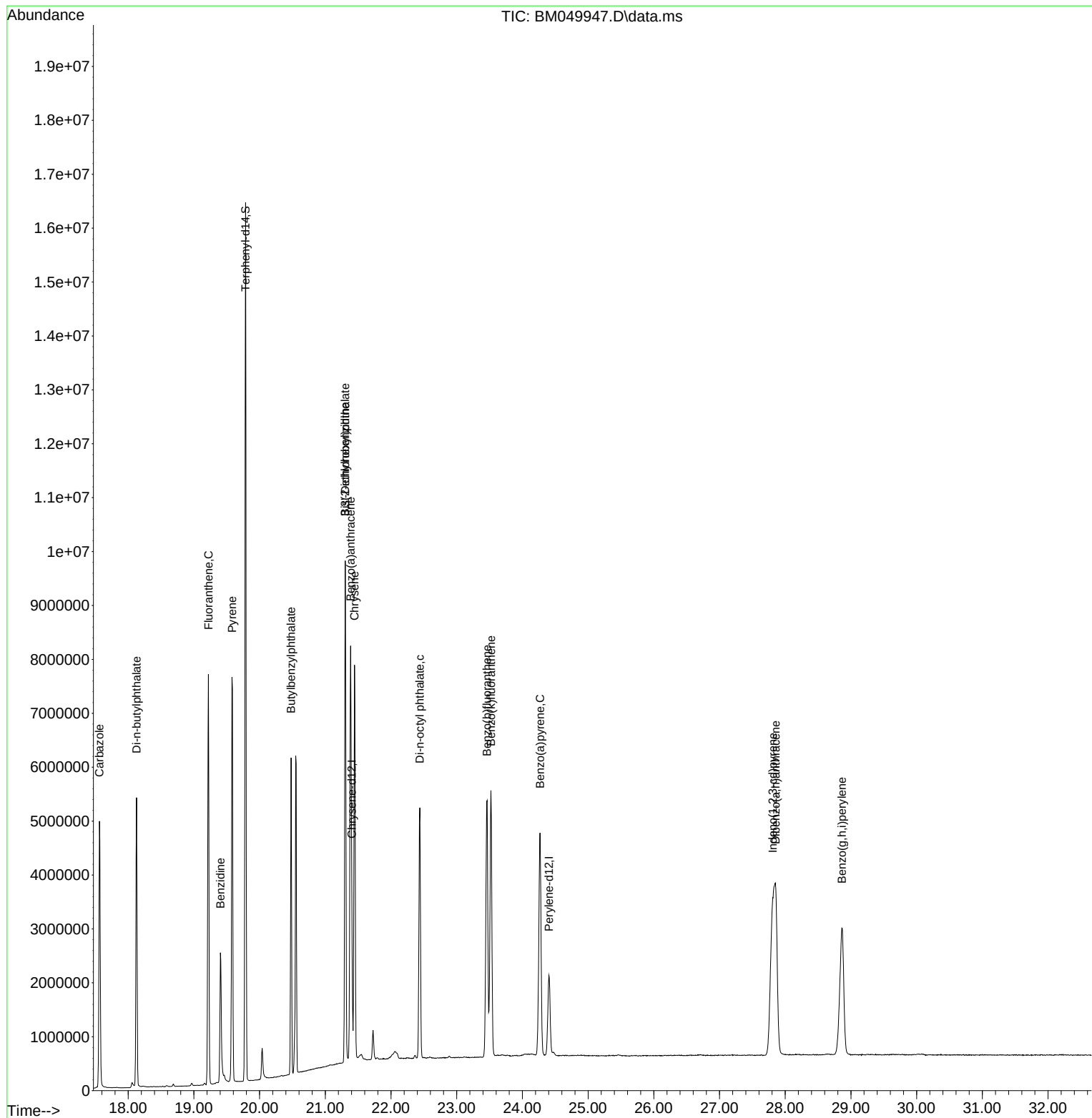
Quant Time: Apr 16 12:10:32 2025
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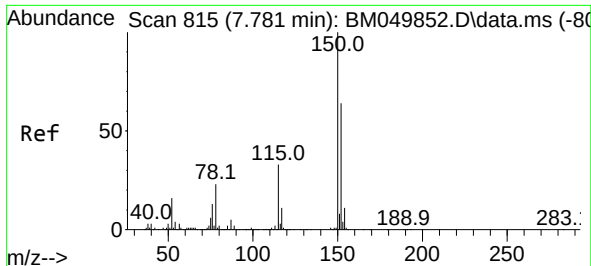


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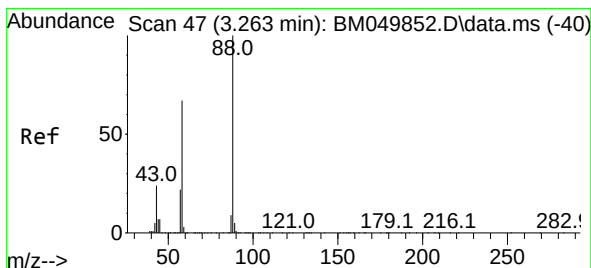
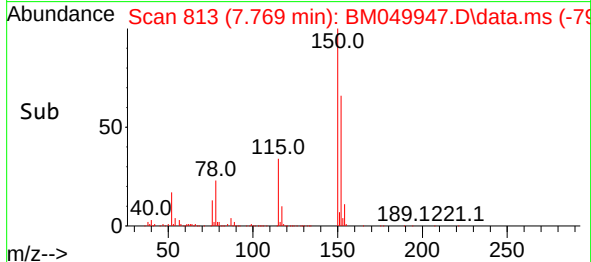
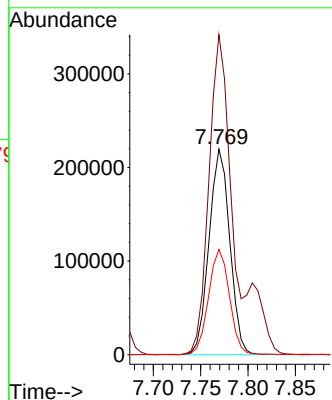
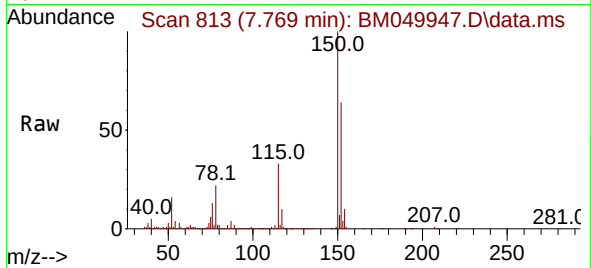




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM049947.D
 Acq: 16 Apr 2025 11:26

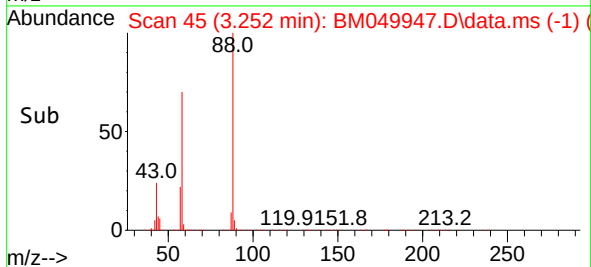
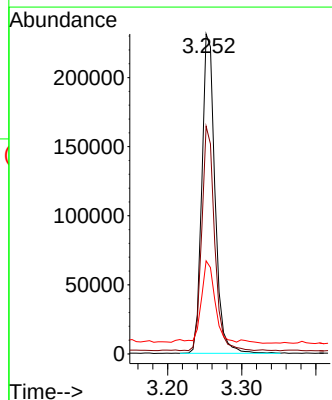
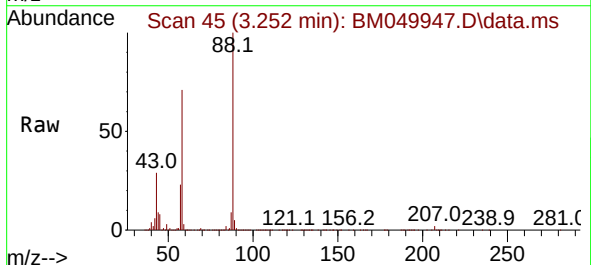
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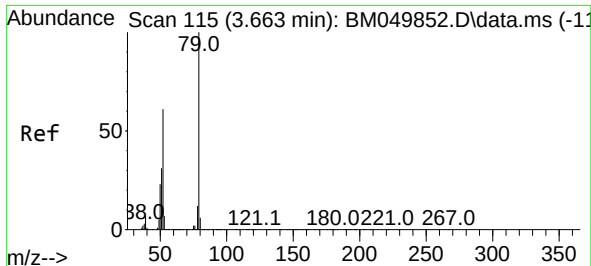
Tgt Ion:152 Resp: 335569
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.3 186.5
 115 51.3 41.1 61.7



#2
 1,4-Dioxane
 Concen: 35.047 ng
 RT: 3.252 min Scan# 45
 Delta R.T. -0.011 min
 Lab File: BM049947.D
 Acq: 16 Apr 2025 11:26

Tgt Ion: 88 Resp: 285236
 Ion Ratio Lower Upper
 88 100
 58 68.8 54.1 81.1
 43 25.6 20.2 30.4

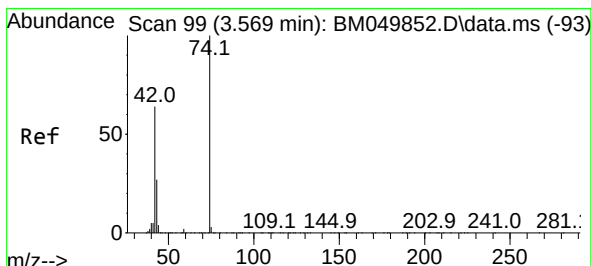
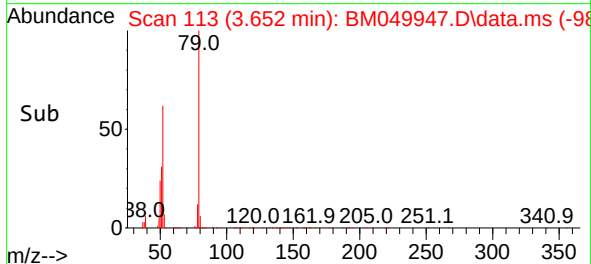
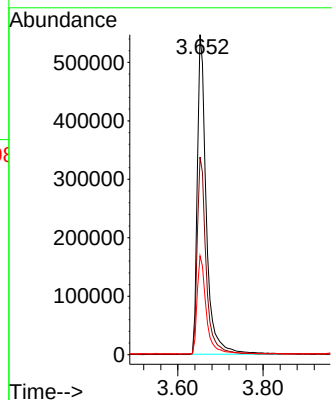
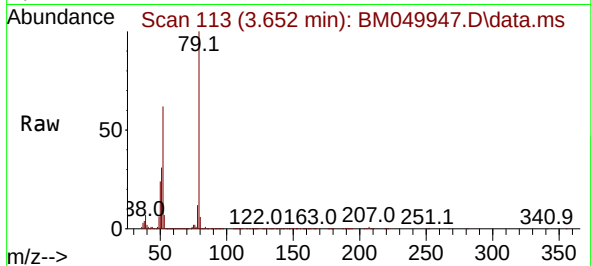




#3
Pyridine
Concen: 37.487 ng
RT: 3.652 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

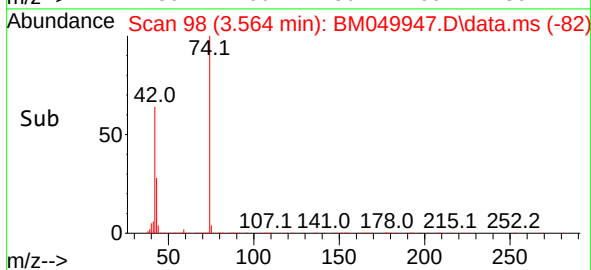
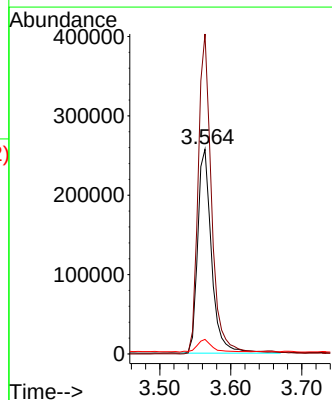
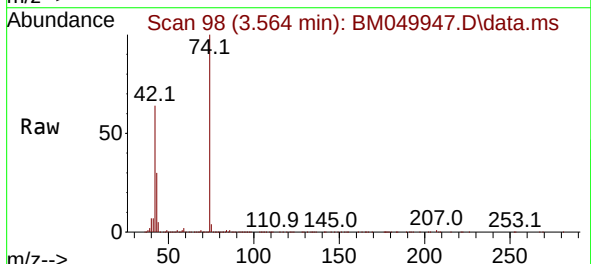
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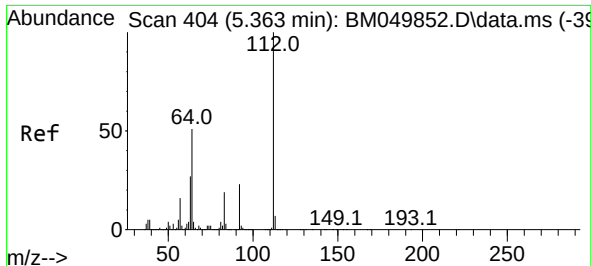
Tgt Ion: 79 Resp: 801586
Ion Ratio Lower Upper
79 100
52 61.7 48.9 73.3
51 30.9 25.0 37.6



#4
n-Nitrosodimethylamine
Concen: 42.817 ng
RT: 3.564 min Scan# 98
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion: 42 Resp: 348421
Ion Ratio Lower Upper
42 100
74 156.4 125.4 188.2
44 7.1 5.9 8.9

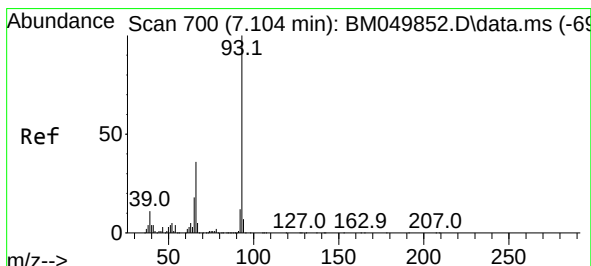
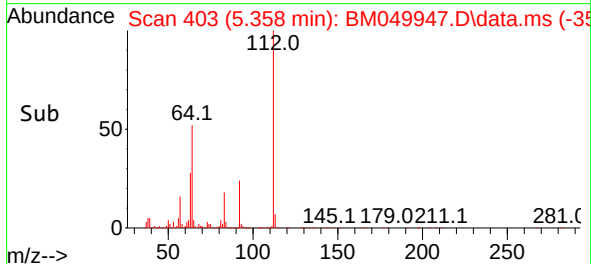
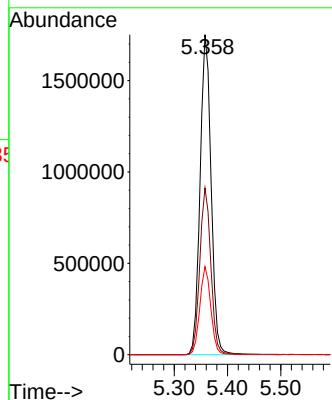
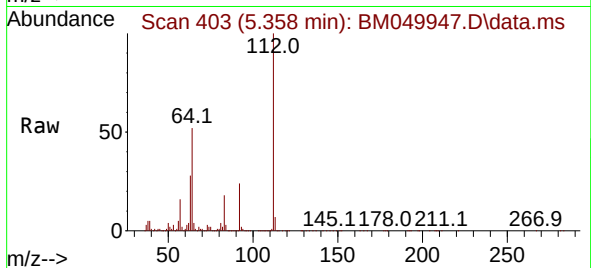




#5
2-Fluorophenol
Concen: 127.414 ng
RT: 5.358 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

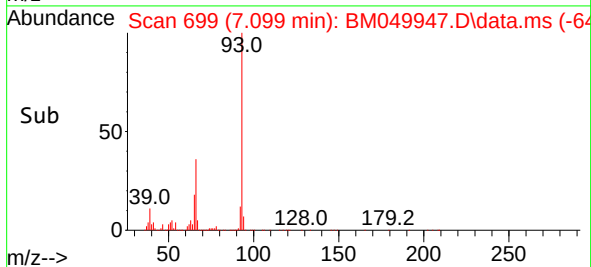
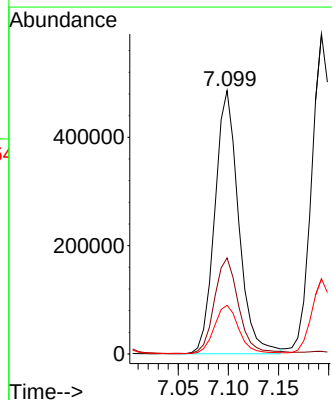
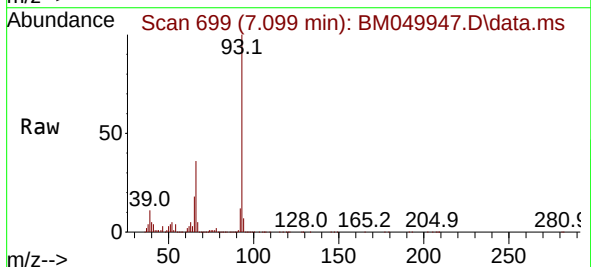
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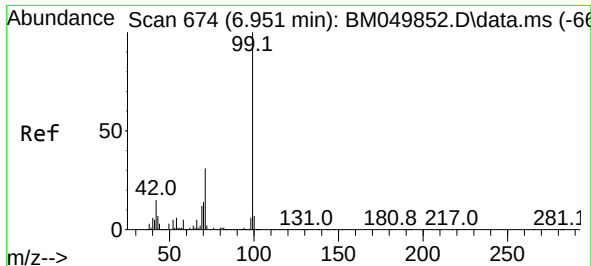
Tgt Ion:112 Resp: 2517914
Ion Ratio Lower Upper
112 100
64 52.1 41.0 61.6
63 27.5 21.5 32.3



#6
Aniline
Concen: 38.077 ng
RT: 7.099 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM049947.D
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Tgt Ion: 93 Resp: 802210
Ion Ratio Lower Upper
93 100
66 36.4 29.1 43.7
65 18.5 14.9 22.3

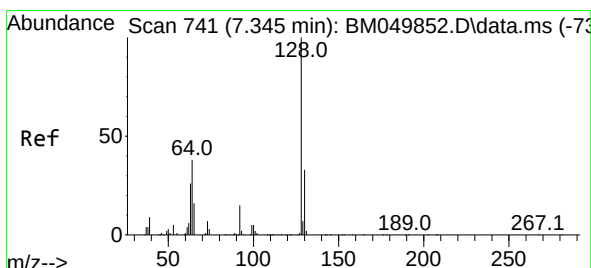
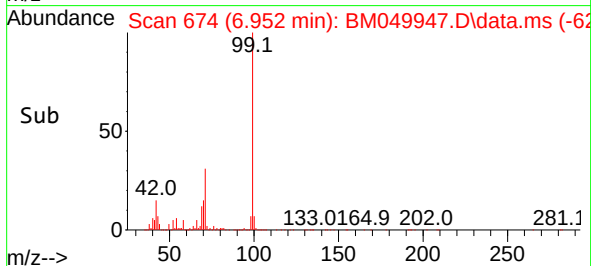
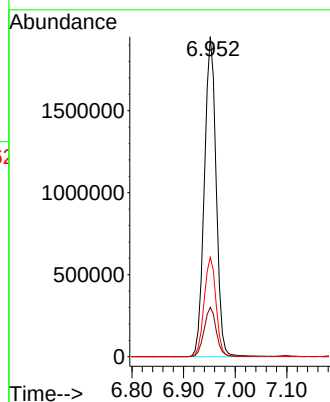
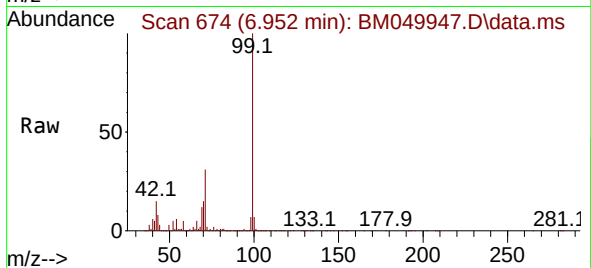




#7
Phenol-d6
Concen: 125.568 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049947.D
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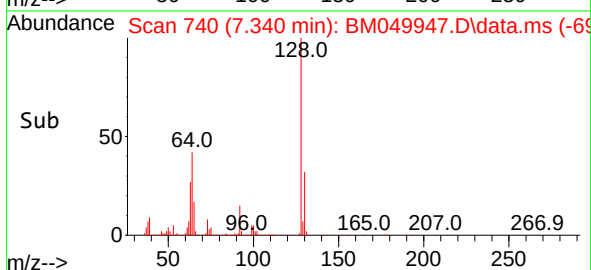
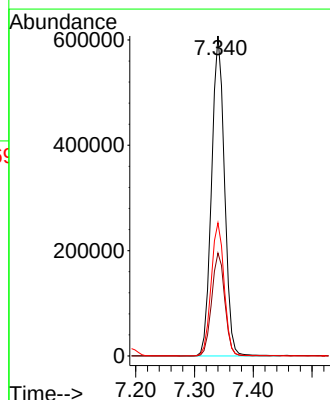
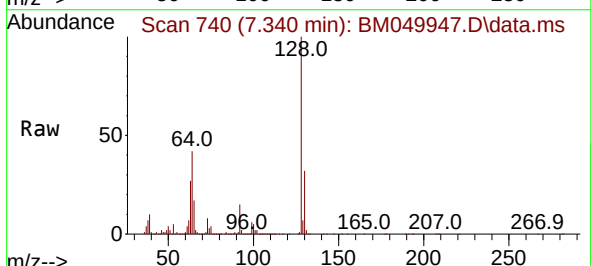
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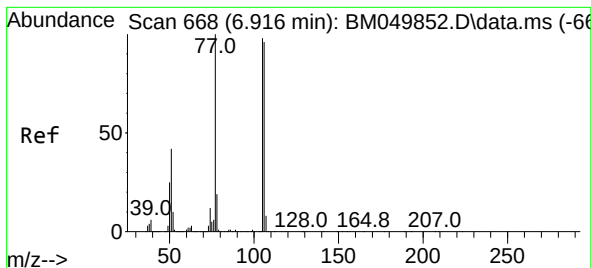
Tgt Ion: 99 Resp: 3087375
Ion Ratio Lower Upper
99 100
42 15.4 12.1 18.1
71 31.0 24.9 37.3



#8
2-Chlorophenol
Concen: 45.761 ng
RT: 7.340 min Scan# 740
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion: 128 Resp: 926757
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 41.6 21.1 61.1





#9

Benzaldehyde

Concen: 32.502 ng

RT: 6.910 min Scan# 6

Delta R.T. -0.006 min

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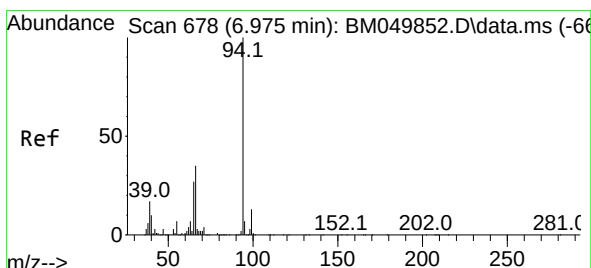
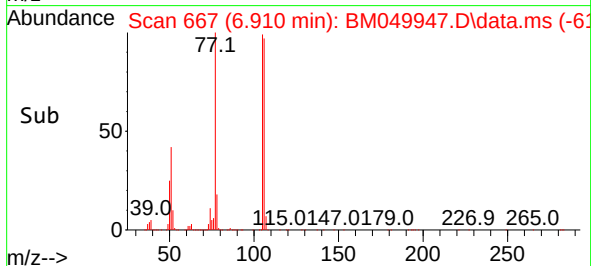
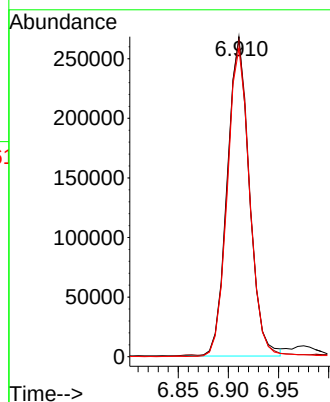
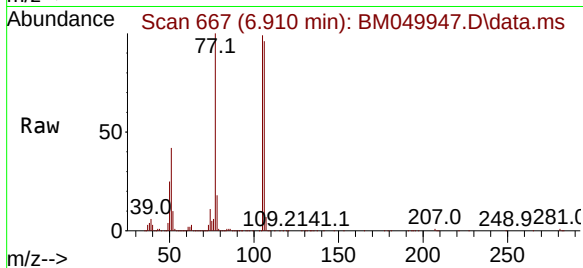
Tgt Ion: 77 Resp: 410086

Ion Ratio Lower Upper

77 100

105 99.0 78.3 118.3

106 96.3 76.0 116.0



#10

Phenol

Concen: 45.526 ng

RT: 6.981 min Scan# 679

Delta R.T. 0.006 min

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Acq: 16 Apr 2025 11:26

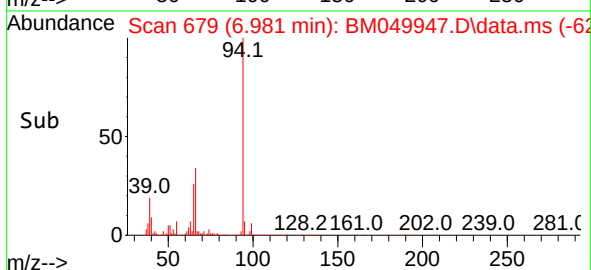
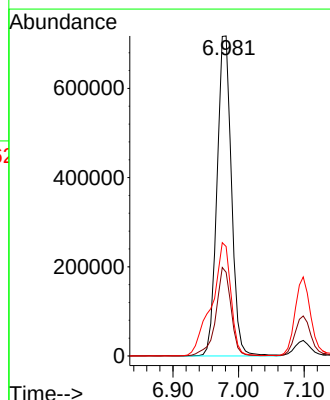
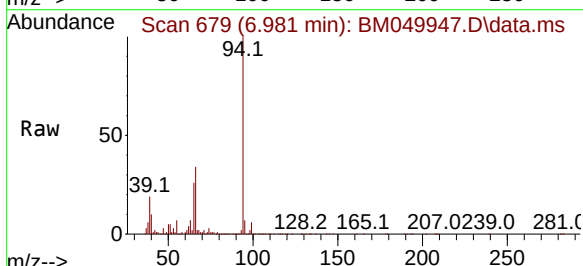
Tgt Ion: 94 Resp: 1092338

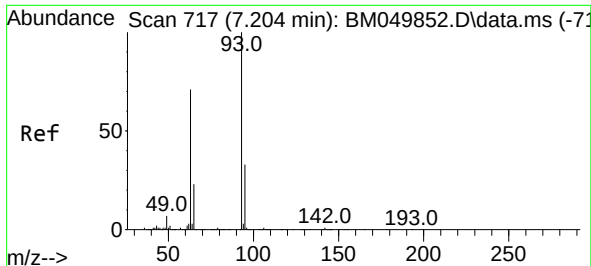
Ion Ratio Lower Upper

94 100

65 26.2 7.3 47.3

66 34.2 14.8 54.8

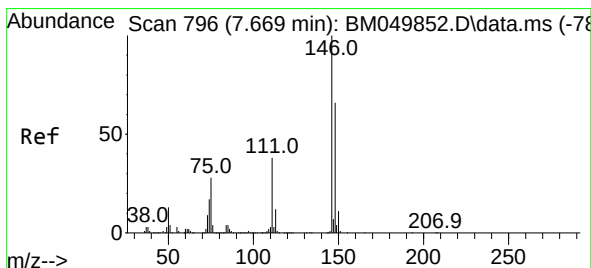
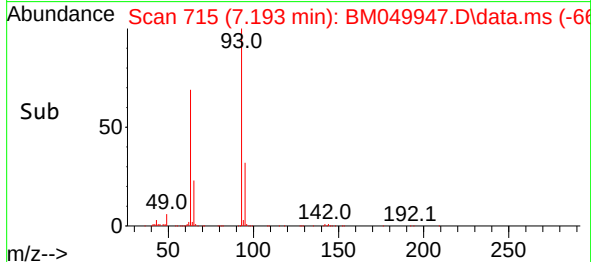
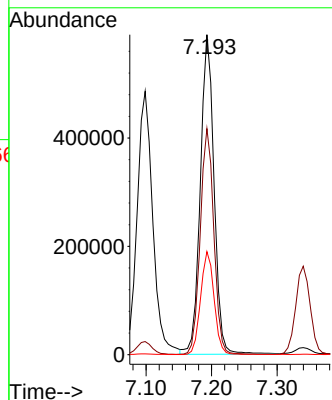
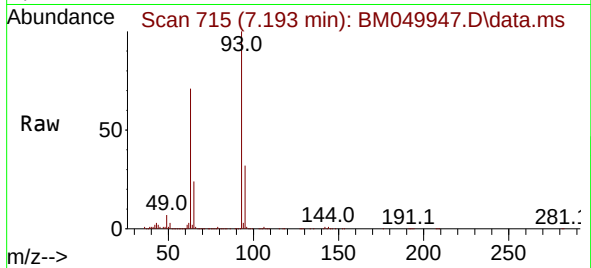




#11
bis(2-Chloroethyl)ether
Concen: 45.862 ng
RT: 7.193 min Scan# 715
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

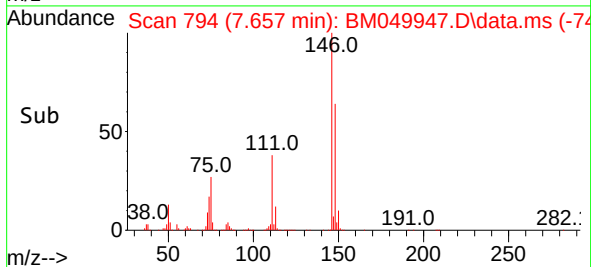
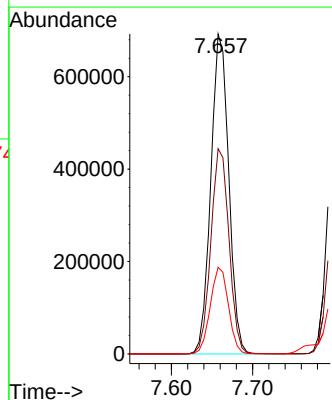
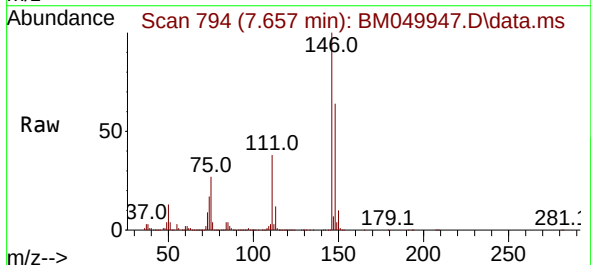
Instrument :
BNA_M
ClientSampleId :
PB167509BS

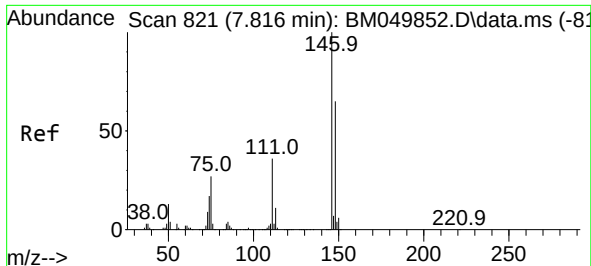
Tgt Ion: 93 Resp: 862929
Ion Ratio Lower Upper
93 100
63 70.6 50.9 90.9
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.365 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion: 146 Resp: 1062242
Ion Ratio Lower Upper
146 100
148 64.1 52.5 78.7
75 27.1 22.5 33.7

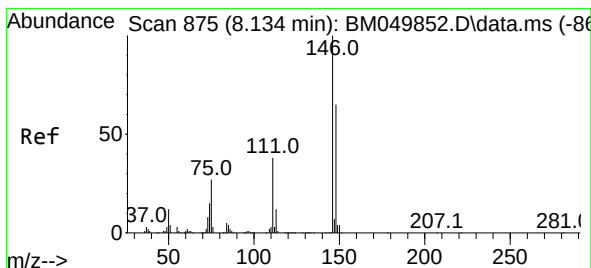
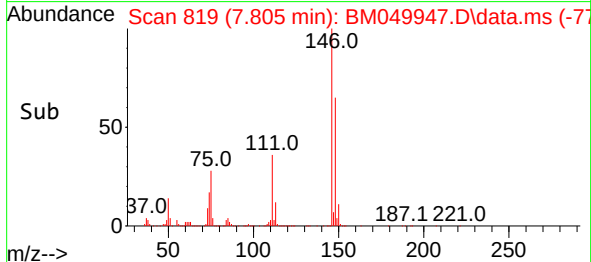
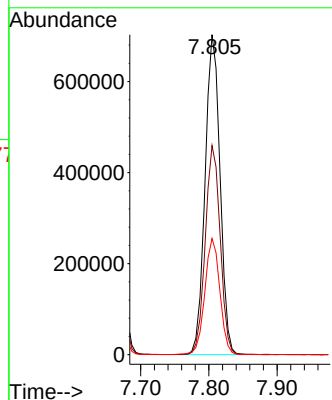
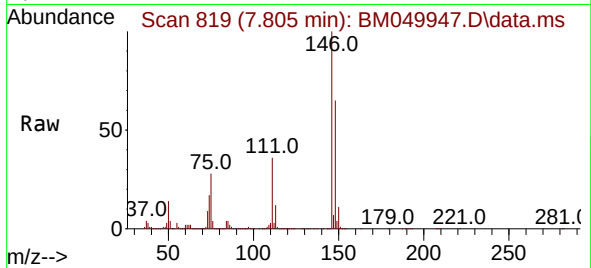




#13
1,4-Dichlorobenzene
Concen: 44.511 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

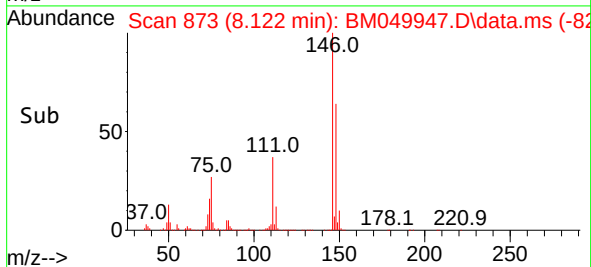
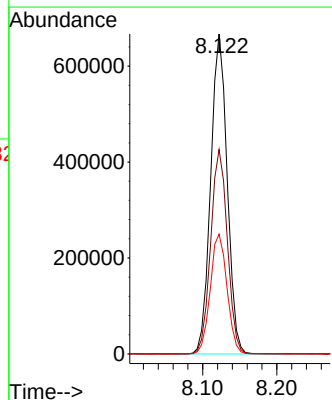
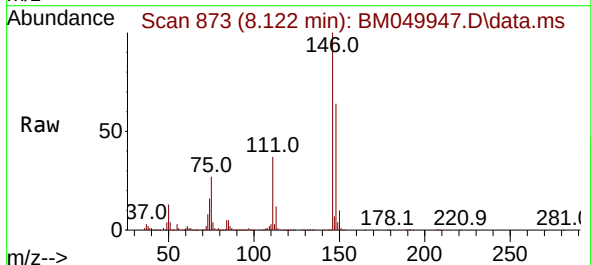
Instrument :
BNA_M
ClientSampleId :
PB167509BS

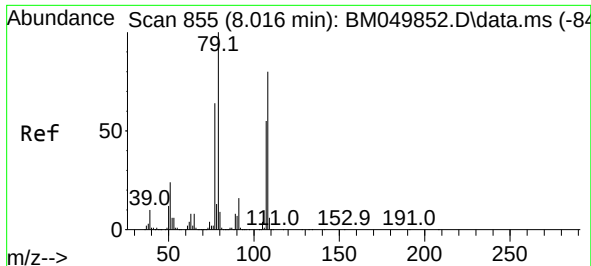
Tgt Ion:146 Resp: 1072356
Ion Ratio Lower Upper
146 100
148 65.4 52.4 78.6
111 36.3 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 45.382 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:146 Resp: 1029815
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 37.5 30.2 45.4

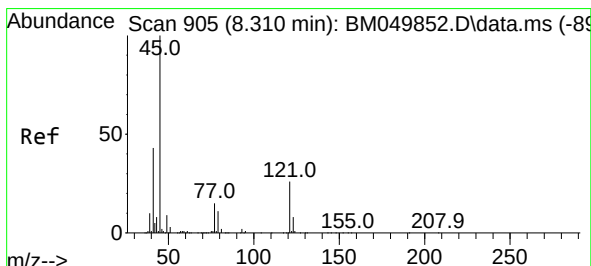
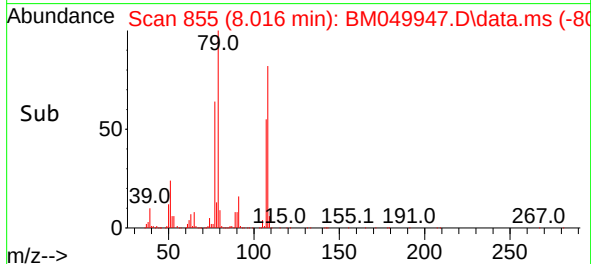
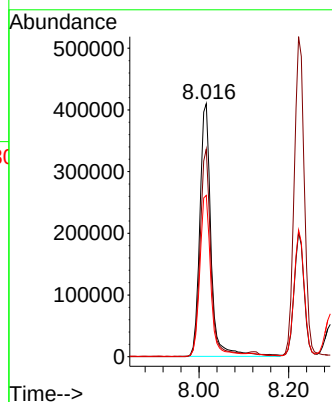
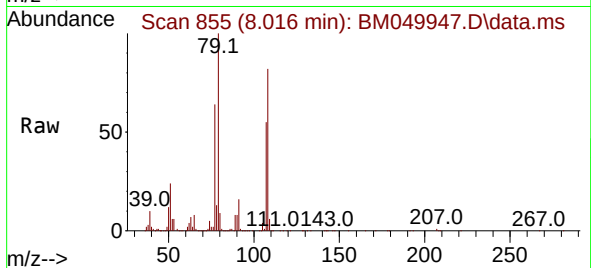




#15
Benzyl Alcohol
Concen: 45.834 ng
RT: 8.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

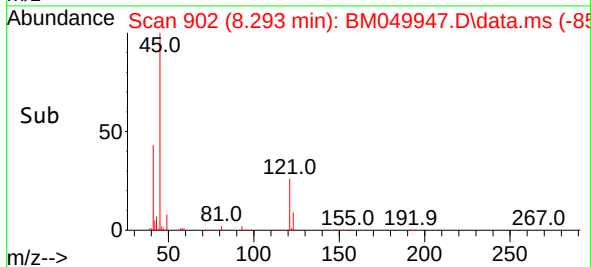
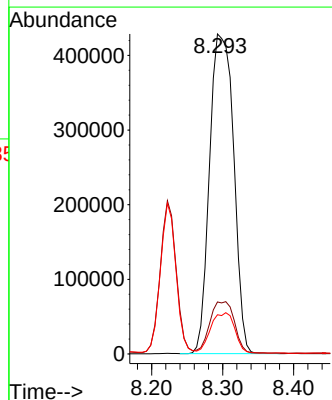
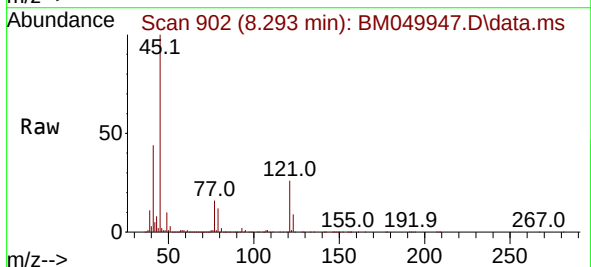
Instrument :
BNA_M
ClientSampleId :
PB167509BS

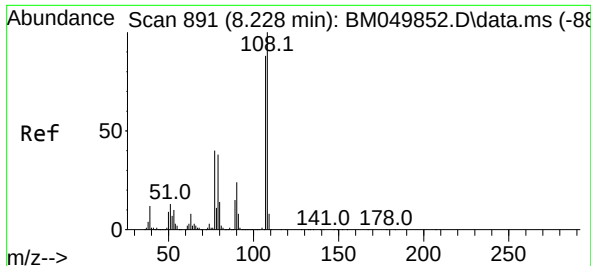
Tgt Ion: 79 Resp: 709628
Ion Ratio Lower Upper
79 100
108 82.1 63.6 95.4
77 63.8 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.038 ng
RT: 8.293 min Scan# 902
Delta R.T. -0.017 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion: 45 Resp: 1007433
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.9
79 12.2 0.0 32.9



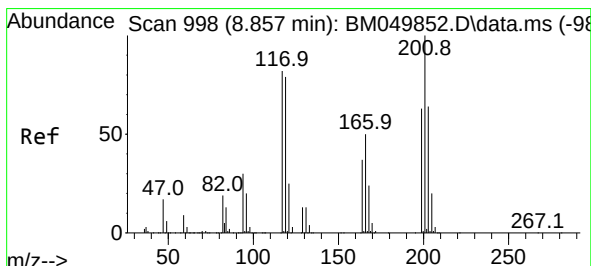
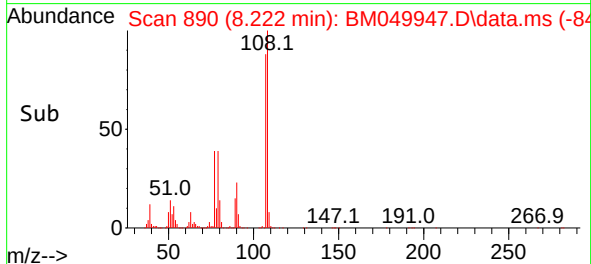
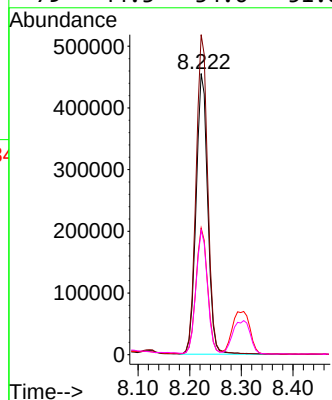
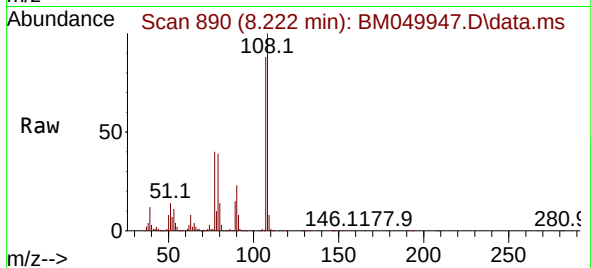


#17
2-Methylphenol
Concen: 48.112 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB167509BS

Tgt Ion:107 Resp: 711381

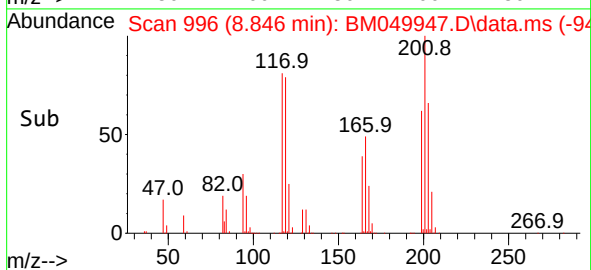
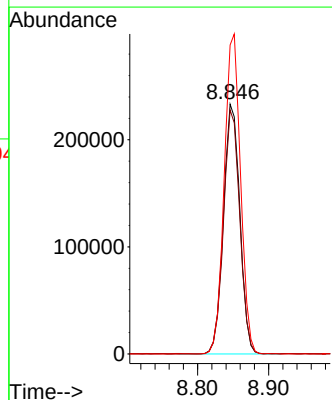
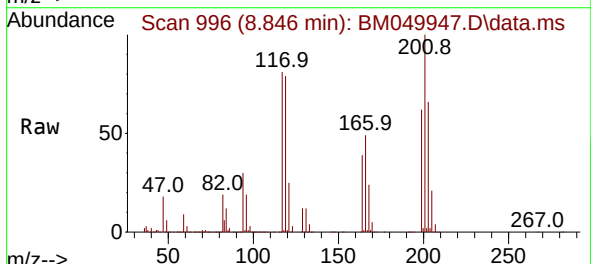
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.0	136.6
77	45.1	36.5	54.7
79	44.3	34.6	51.8

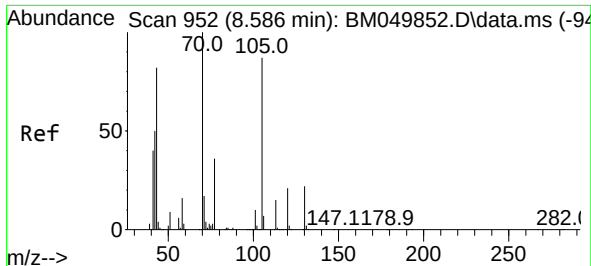


#18
Hexachloroethane
Concen: 44.738 ng
RT: 8.846 min Scan# 996
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:117 Resp: 374982

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.5	116.3
201	123.7	97.7	146.5

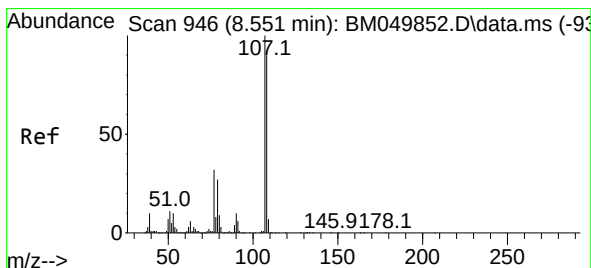
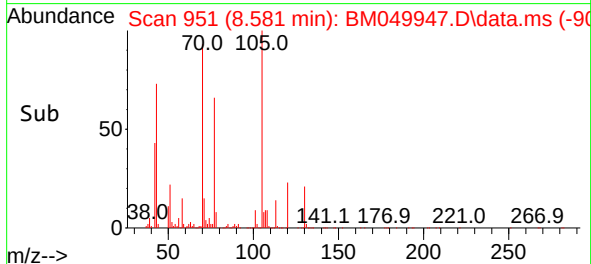
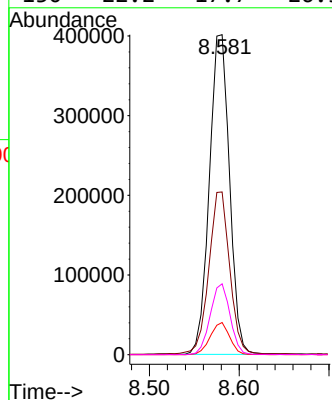
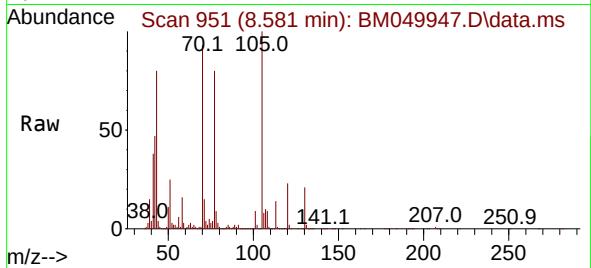




#19
n-Nitroso-di-n-propylamine
Concen: 45.985 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

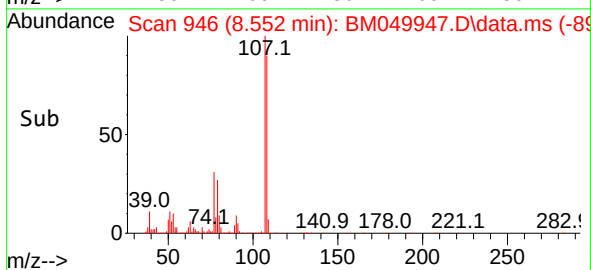
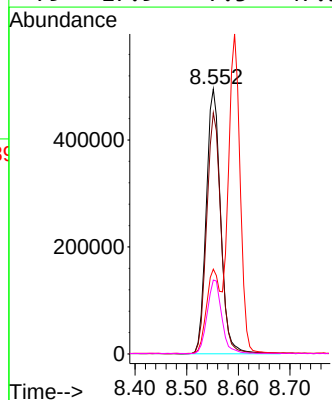
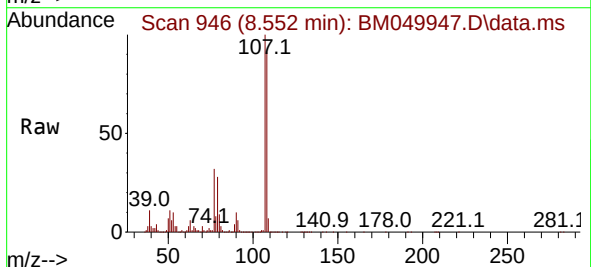
Instrument :
BNA_M
ClientSampleId :
PB167509BS

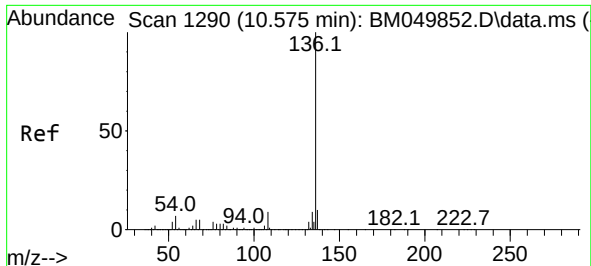
Tgt Ion: 70 Resp: 626211
Ion Ratio Lower Upper
70 100
42 50.9 40.2 60.2
101 10.1 7.9 11.9
130 22.2 17.7 26.5



#20
3+4-Methylphenols
Concen: 47.329 ng
RT: 8.552 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion: 107 Resp: 954078
Ion Ratio Lower Upper
107 100
108 91.0 69.6 109.6
77 32.0 11.7 51.7
79 27.9 7.3 47.3

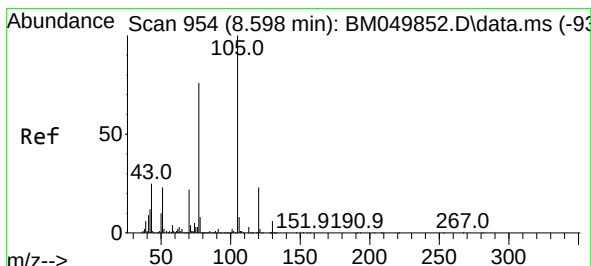
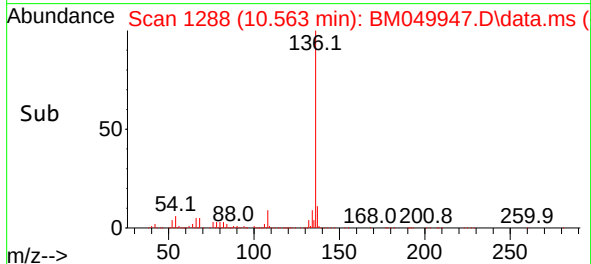
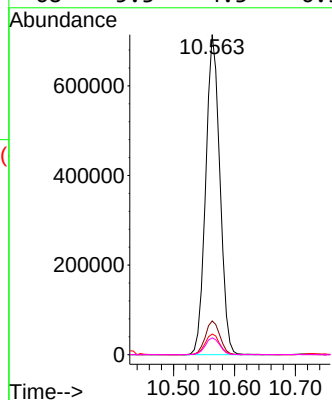
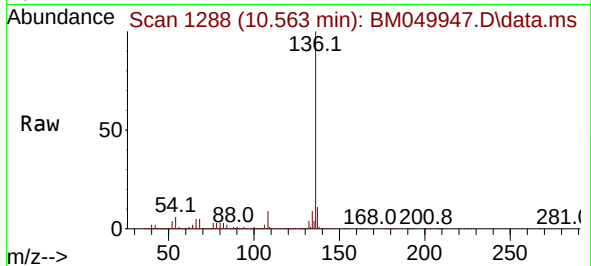




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

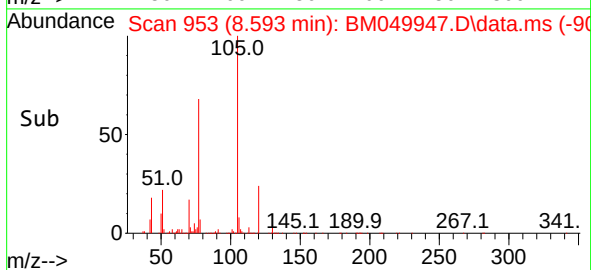
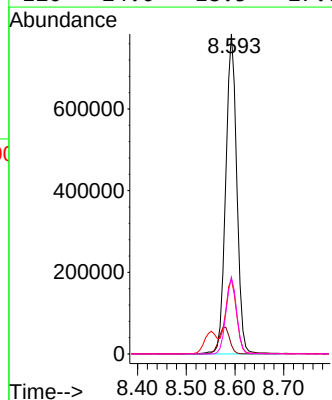
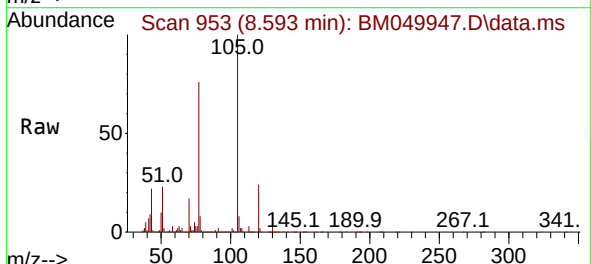
Instrument :
BNA_M
ClientSampleId :
PB167509BS

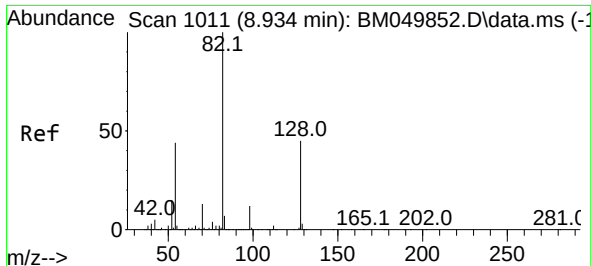
Tgt Ion:136 Resp: 1154159
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 6.5 5.3 7.9
68 5.3 4.3 6.5



#22
Acetophenone
Concen: 44.260 ng
RT: 8.593 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:105 Resp: 1241485
Ion Ratio Lower Upper
105 100
71 2.8 3.0 4.4#
51 23.4 18.6 27.8
120 24.0 18.5 27.7

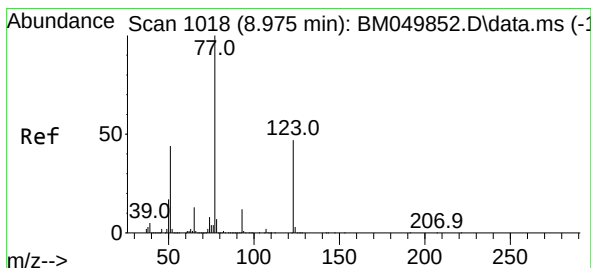
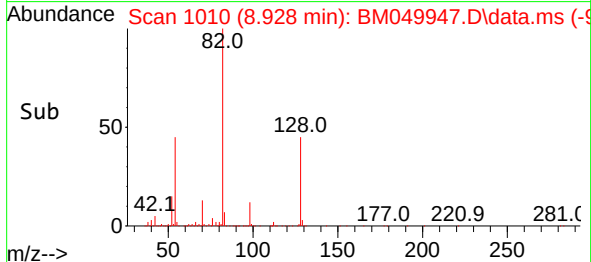
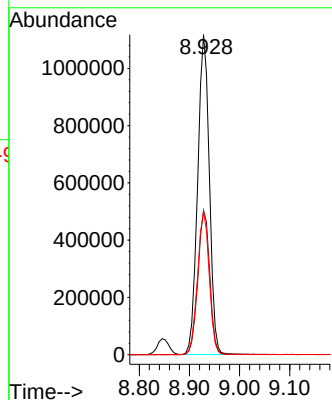
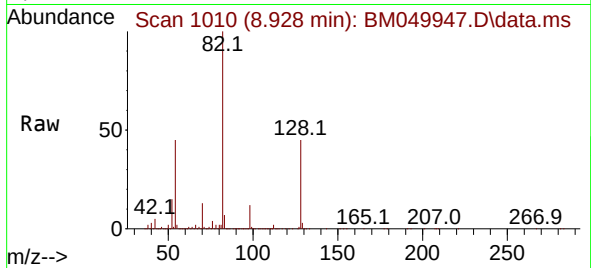




#23
Nitrobenzene-d5
Concen: 87.189 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

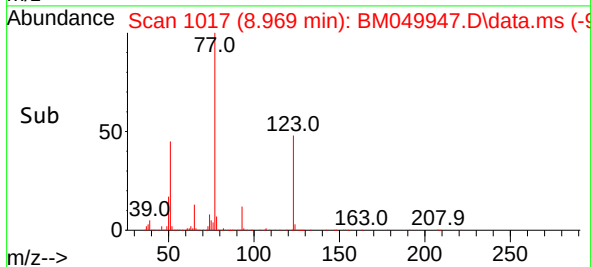
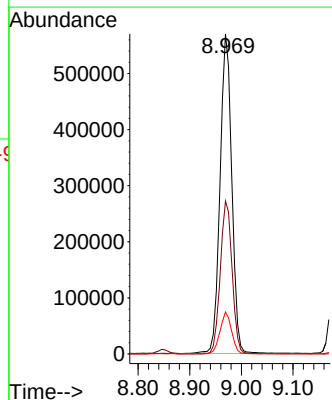
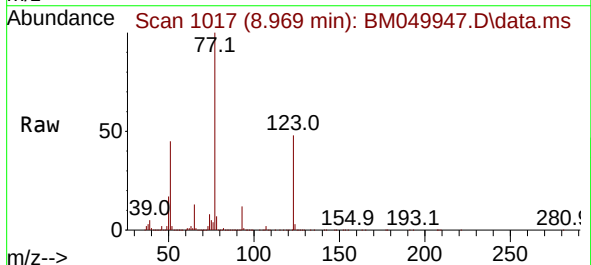
Instrument :
BNA_M
ClientSampleId :
PB167509BS

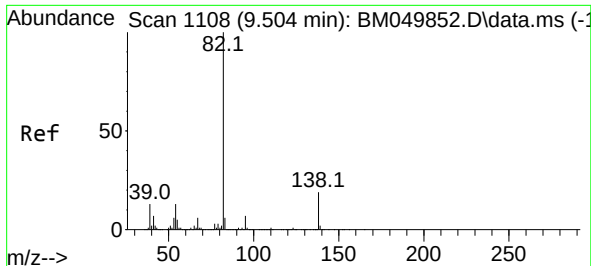
Tgt Ion: 82 Resp: 1807121
Ion Ratio Lower Upper
82 100
128 45.1 36.2 54.2
54 44.7 35.0 52.6



#24
Nitrobenzene
Concen: 44.947 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion: 77 Resp: 897029
Ion Ratio Lower Upper
77 100
123 47.8 37.4 56.2
65 13.1 10.1 15.1

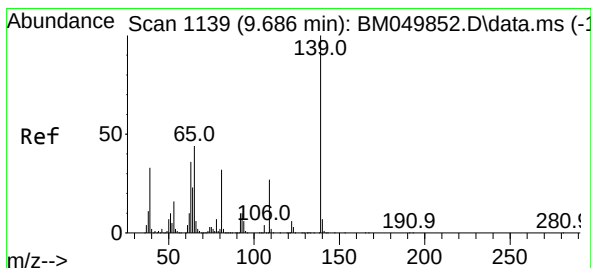
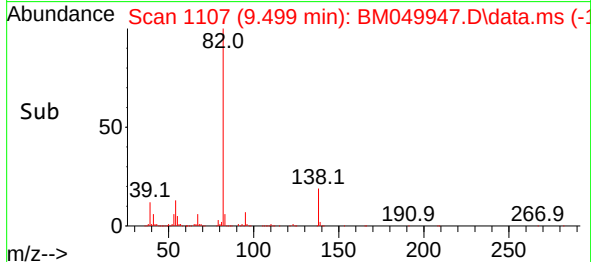
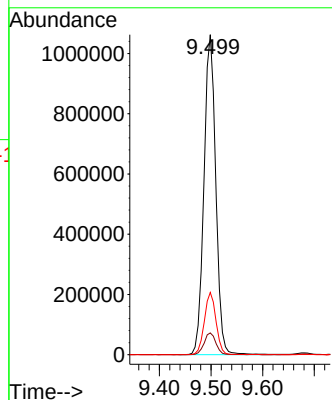
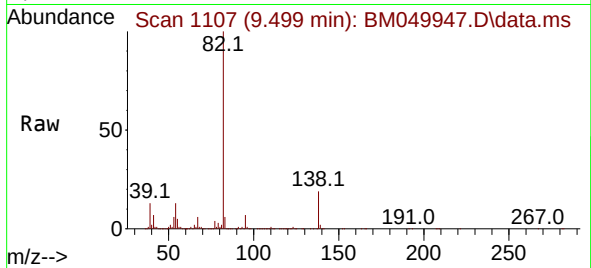




#25
Isophorone
Concen: 48.483 ng
RT: 9.499 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

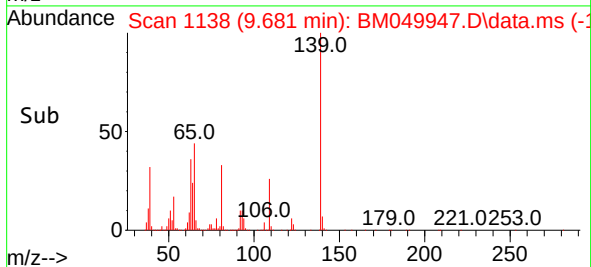
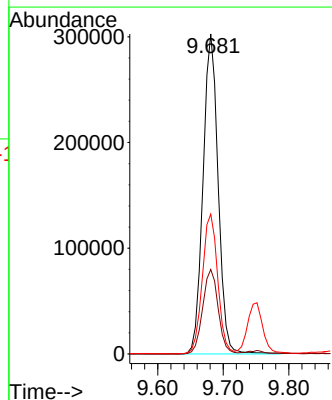
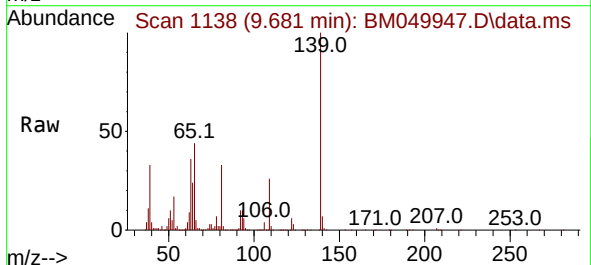
Instrument :
BNA_M
ClientSampleId :
PB167509BS

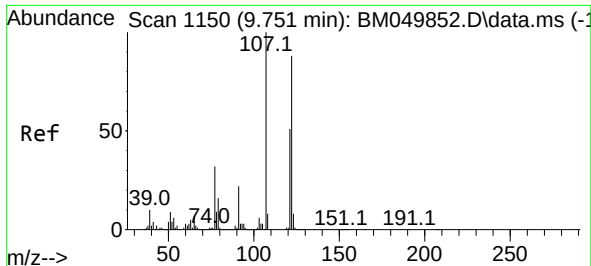
Tgt Ion: 82 Resp: 1683372
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 19.5 15.0 22.6



#26
2-Nitrophenol
Concen: 46.053 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:139 Resp: 487144
Ion Ratio Lower Upper
139 100
109 26.4 21.7 32.5
65 43.7 35.2 52.8

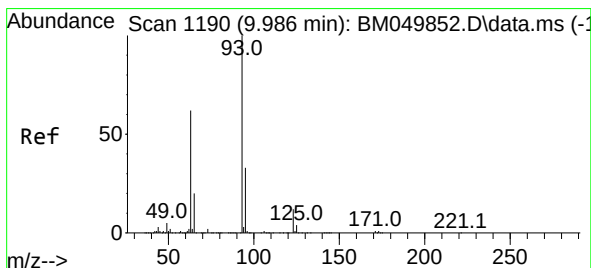
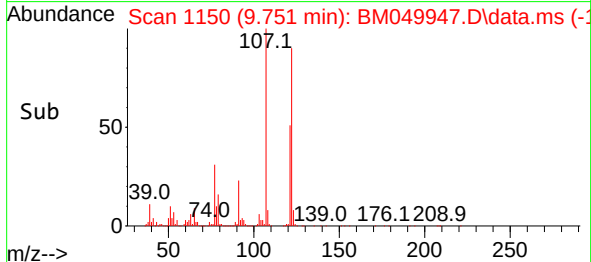
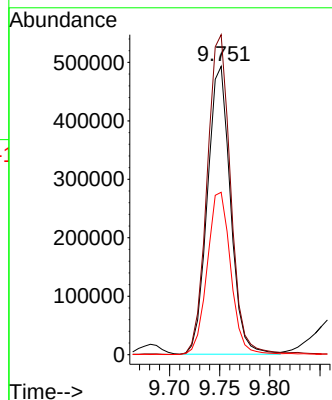
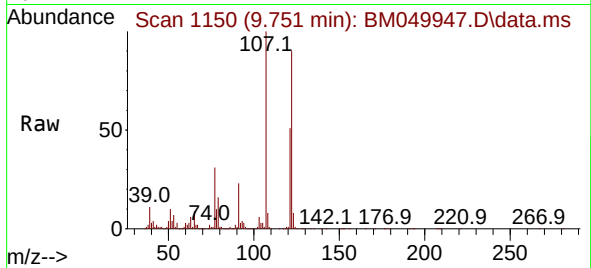




#27
2,4-Dimethylphenol
Concen: 65.846 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

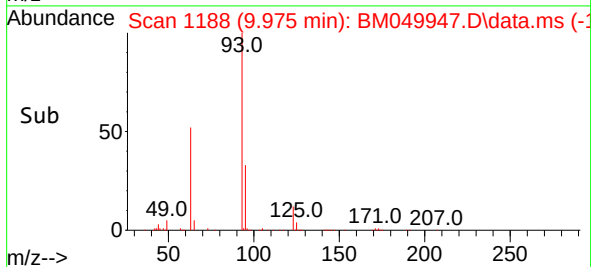
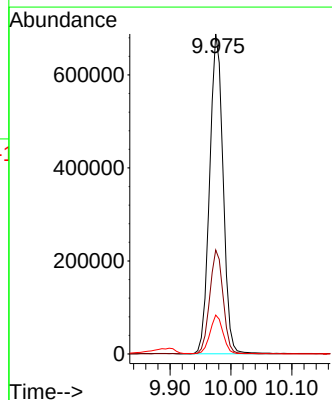
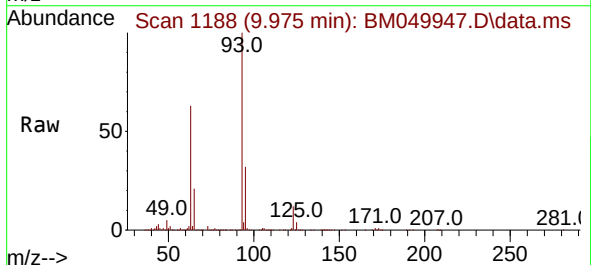
Instrument :
BNA_M
ClientSampleId :
PB167509BS

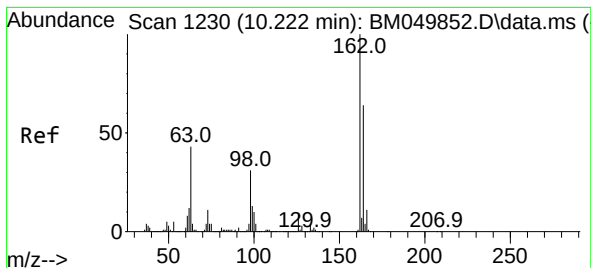
Tgt Ion:122 Resp: 789352
Ion Ratio Lower Upper
122 100
107 111.0 90.3 135.5
121 56.3 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 45.383 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion: 93 Resp: 1054935
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 12.1 9.5 14.3

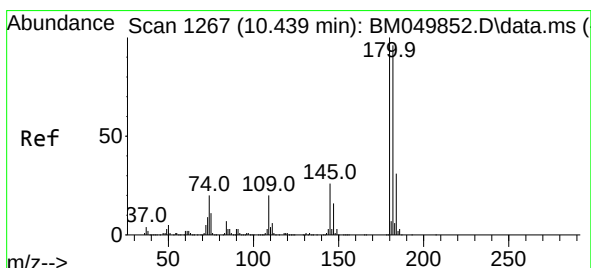
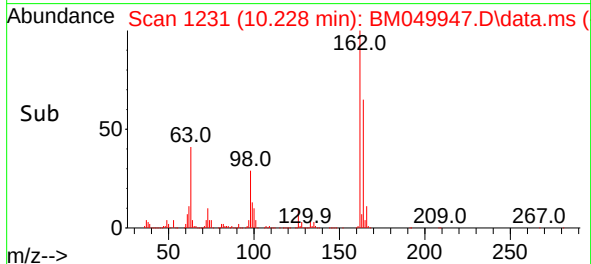
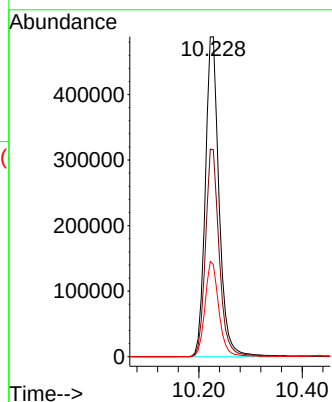
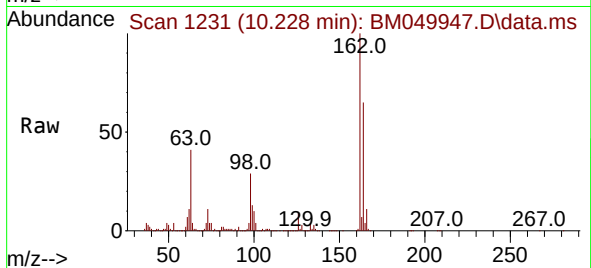




#29
2,4-Dichlorophenol
Concen: 45.368 ng
RT: 10.228 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

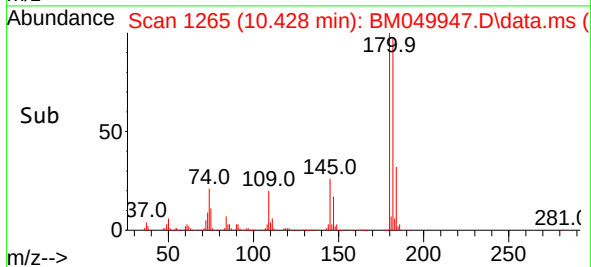
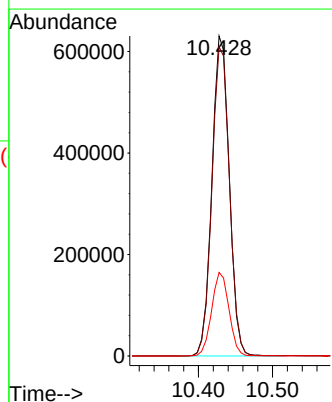
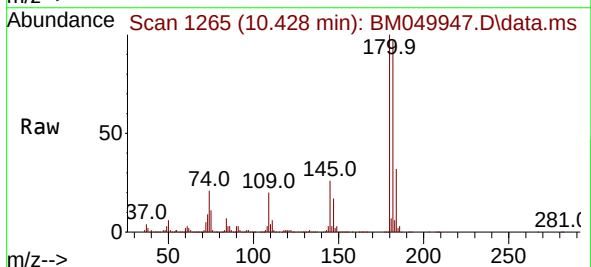
Instrument :
BNA_M
ClientSampleId :
PB167509BS

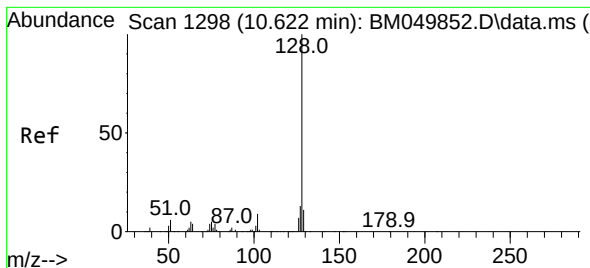
Tgt Ion:162 Resp: 904031
Ion Ratio Lower Upper
162 100
164 64.7 44.3 84.3
98 28.9 10.9 50.9



#30
1,2,4-Trichlorobenzene
Concen: 44.503 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:180 Resp: 1025903
Ion Ratio Lower Upper
180 100
182 96.6 76.7 115.1
145 26.1 20.8 31.2

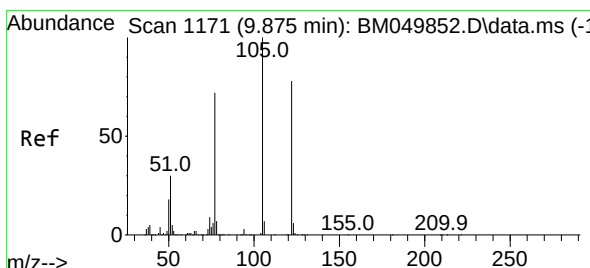
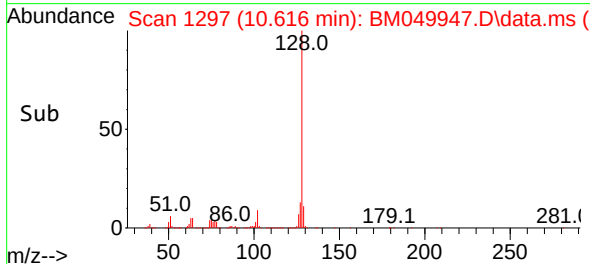
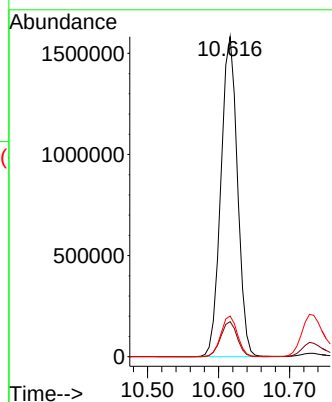
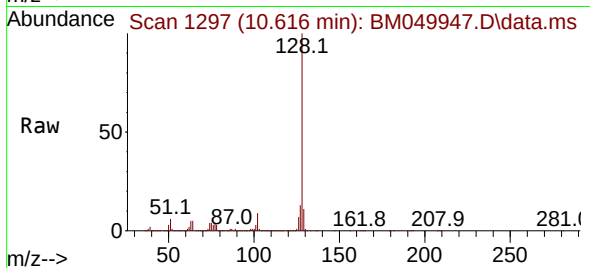




#31
Naphthalene
Concen: 43.115 ng
RT: 10.616 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

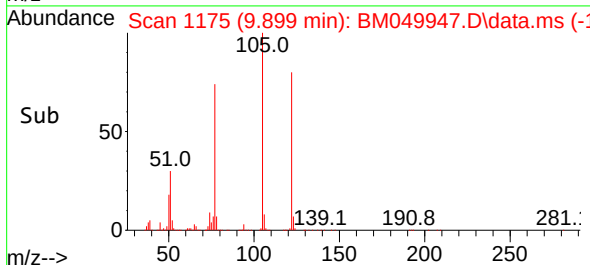
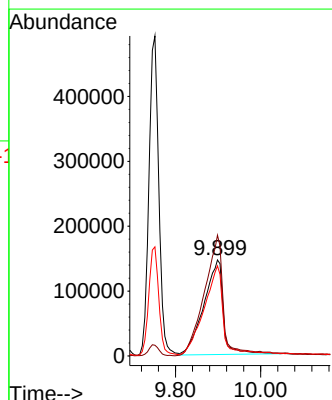
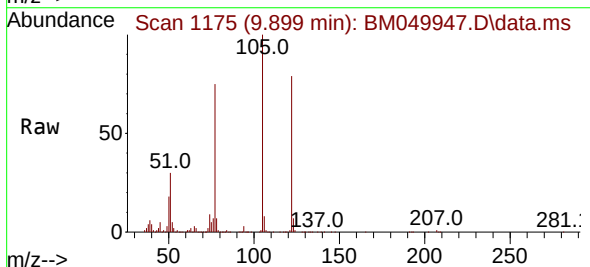
Instrument :
BNA_M
ClientSampleId :
PB167509BS

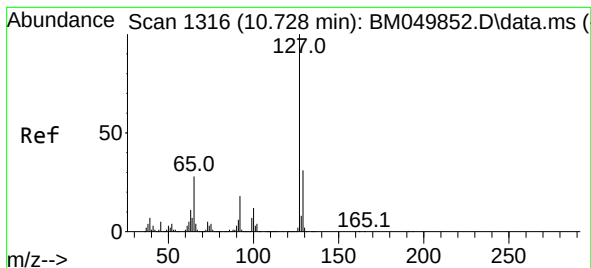
Tgt Ion:128 Resp: 2556936
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.6 15.8



#32
Benzoic acid
Concen: 34.154 ng
RT: 9.899 min Scan# 1175
Delta R.T. 0.024 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:122 Resp: 462990
Ion Ratio Lower Upper
122 100
105 125.9 103.8 143.8
77 93.9 70.7 110.7

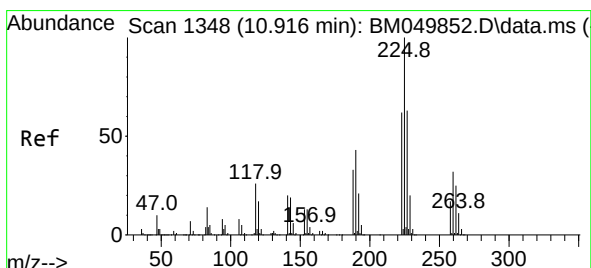
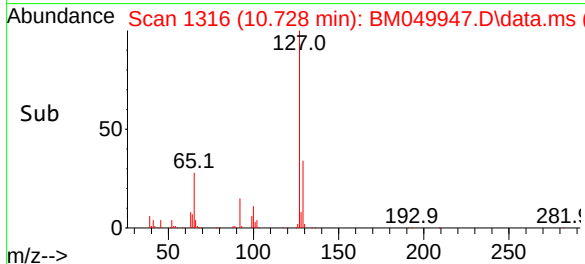
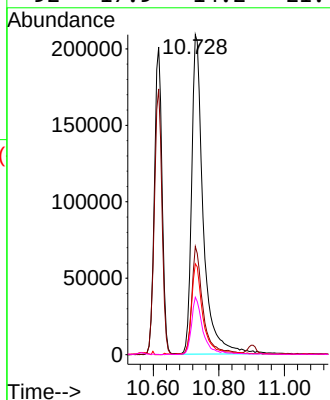
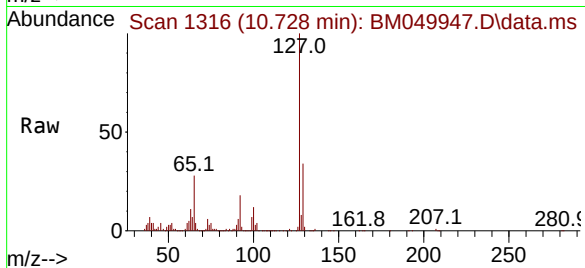




#33
4-Chloroaniline
Concen: 24.724 ng
RT: 10.728 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

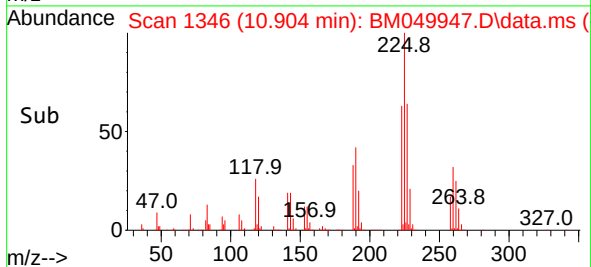
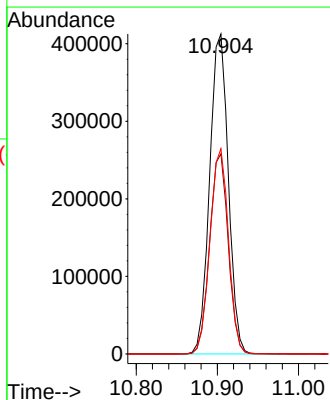
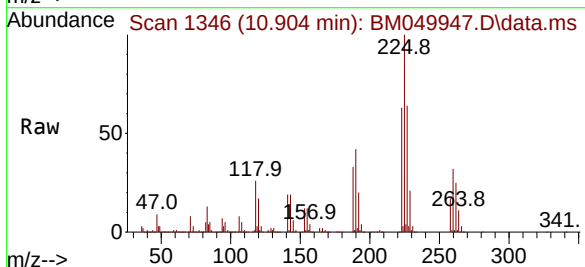
Instrument :
BNA_M
ClientSampleId :
PB167509BS

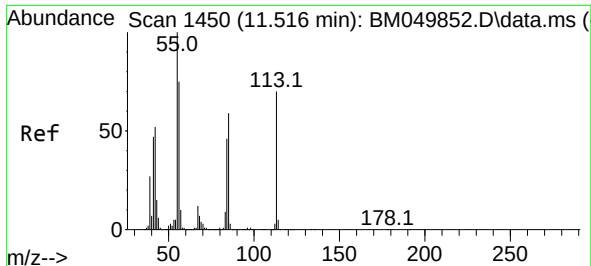
Tgt Ion:	127	Resp:	517747
Ion	Ratio	Lower	Upper
127	100		
129	33.8	24.9	37.3
65	28.4	22.4	33.6
92	17.9	14.2	21.4



#34
Hexachlorobutadiene
Concen: 46.174 ng
RT: 10.904 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:	225	Resp:	658407
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	64.2	50.1	75.1

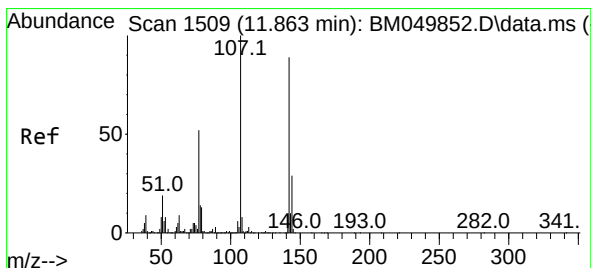
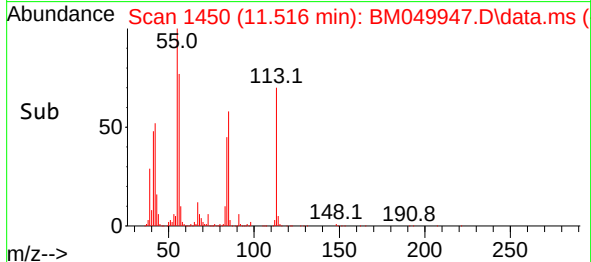
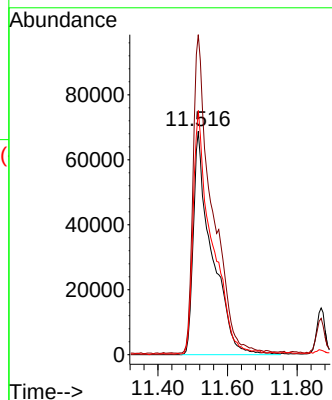
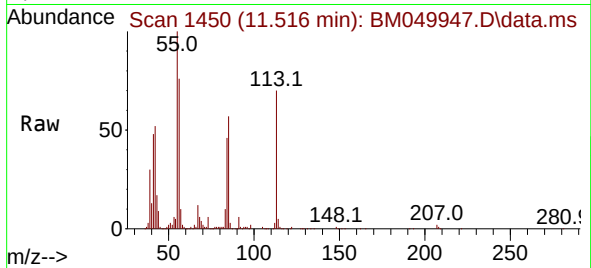




#35
Caprolactam
Concen: 43.988 ng
RT: 11.516 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

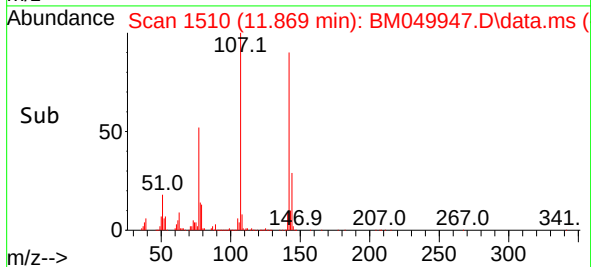
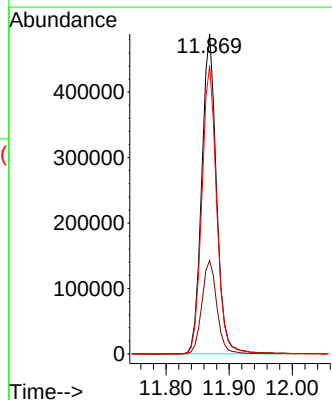
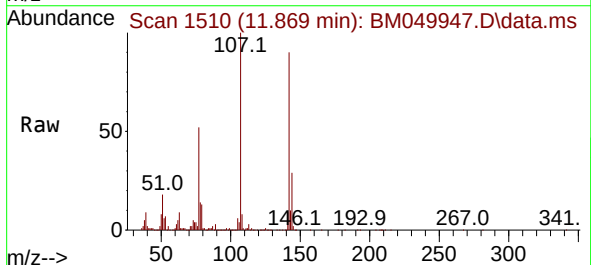
Instrument :
BNA_M
ClientSampleId :
PB167509BS

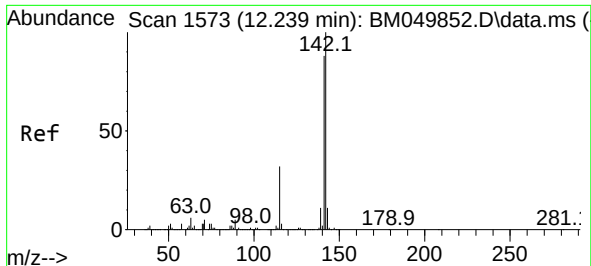
Tgt Ion:113 Resp: 251400
Ion Ratio Lower Upper
113 100
55 143.2 124.3 164.3
56 109.3 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 45.467 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:107 Resp: 793616
Ion Ratio Lower Upper
107 100
144 29.2 23.6 35.4
142 90.1 71.4 107.0

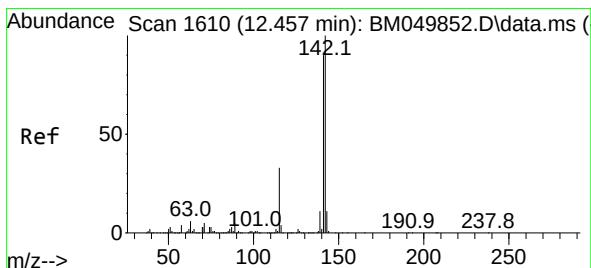
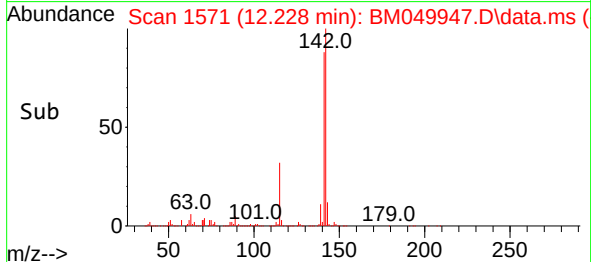
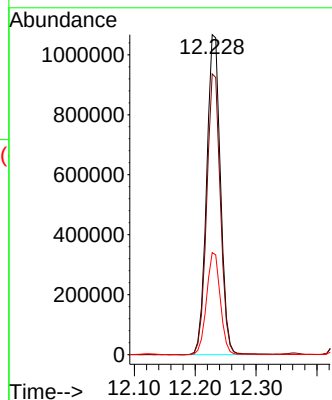
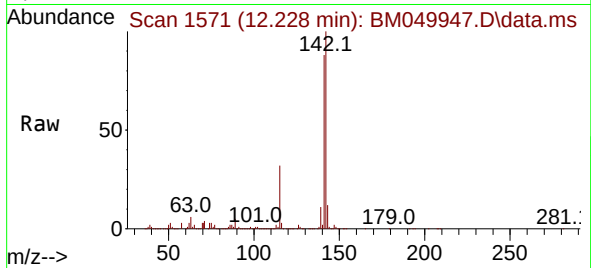




#37
2-Methylnaphthalene
Concen: 40.312 ng
RT: 12.228 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

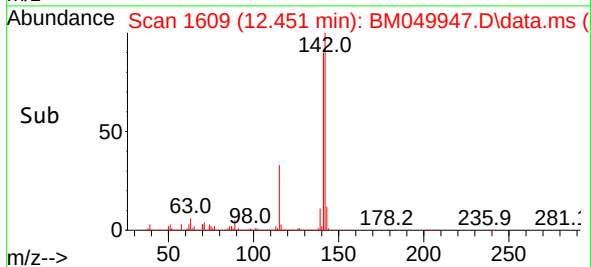
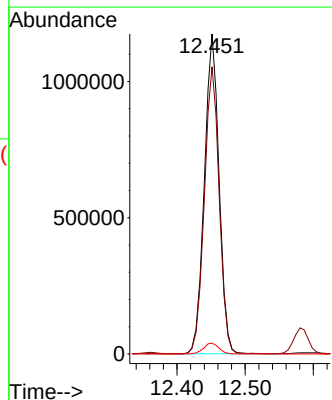
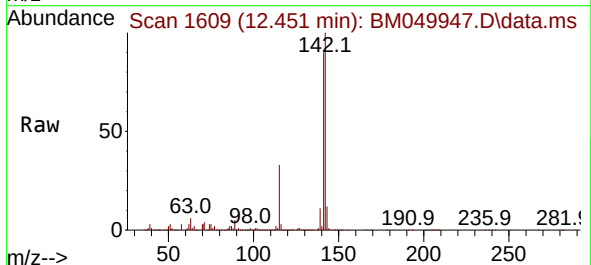
Instrument :
BNA_M
ClientSampleId :
PB167509BS

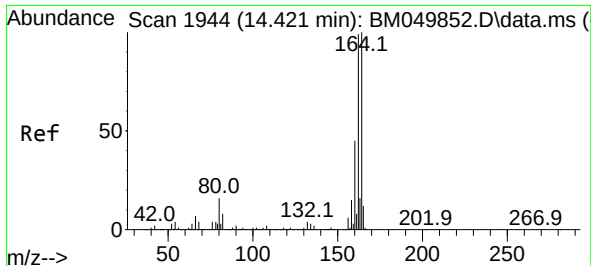
Tgt Ion:142 Resp: 1684399
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.2
115 31.9 25.4 38.2



#38
1-Methylnaphthalene
Concen: 43.198 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:142 Resp: 1758489
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2
116 3.4 2.9 4.3

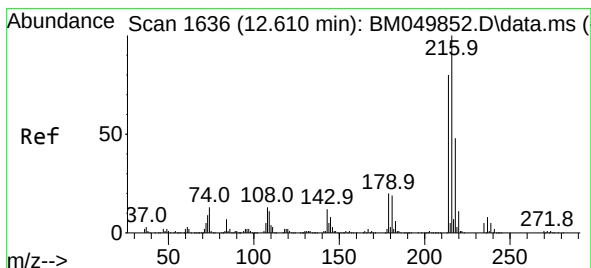
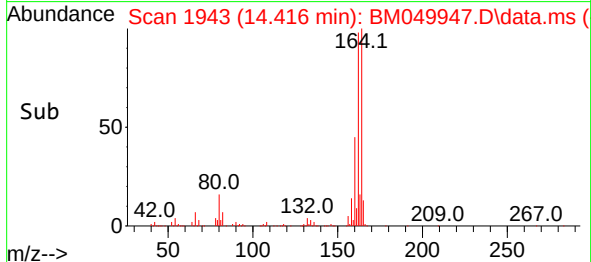
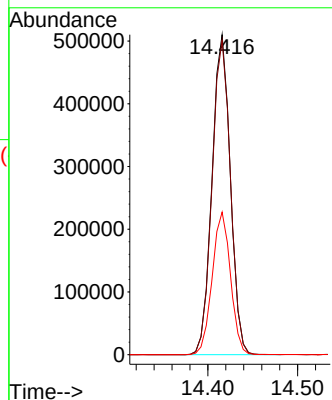
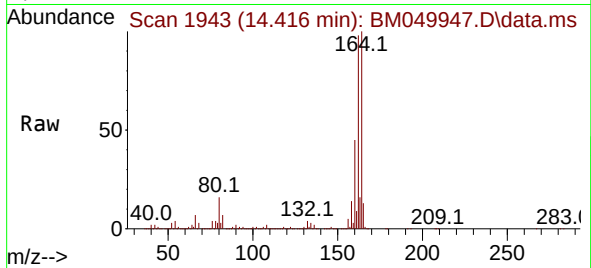




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

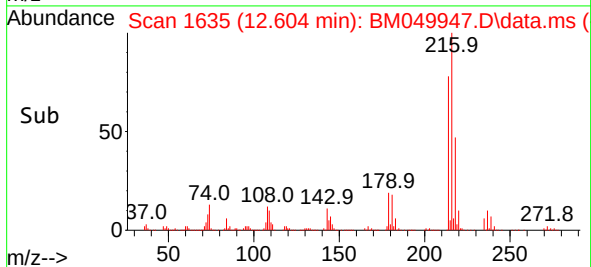
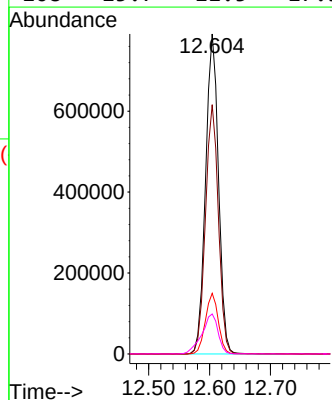
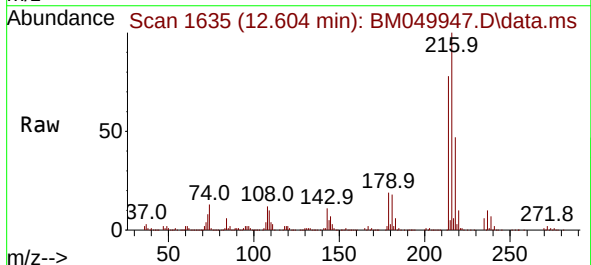
Instrument :
BNA_M
ClientSampleId :
PB167509BS

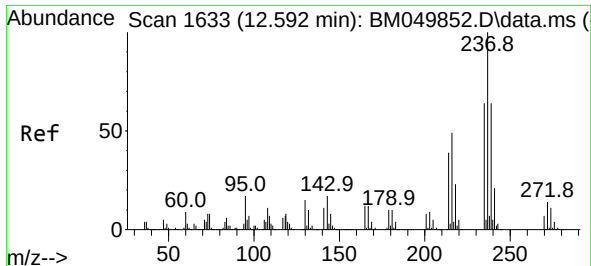
Tgt Ion:164 Resp: 723173
Ion Ratio Lower Upper
164 100
162 98.3 79.4 119.0
160 44.5 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.145 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

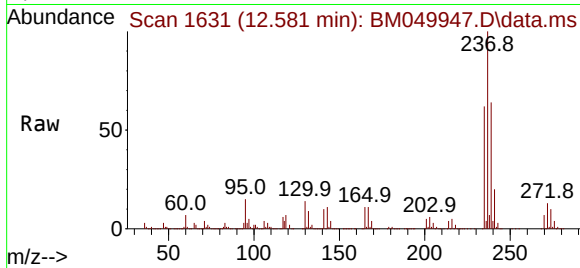
Tgt Ion:216 Resp: 1167474
Ion Ratio Lower Upper
216 100
214 78.0 63.2 94.8
179 18.9 15.8 23.6
108 15.7 11.5 17.3



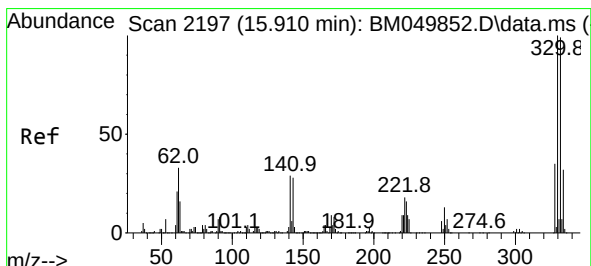
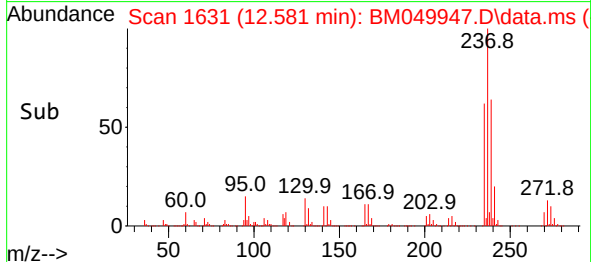
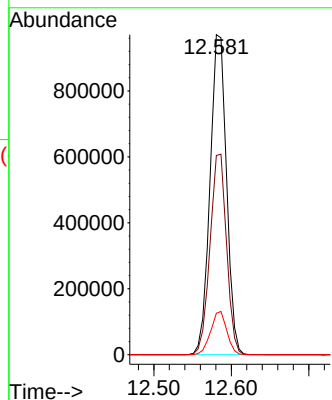


#41
Hexachlorocyclopentadiene
Concen: 161.644 ng
RT: 12.581 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB167509BS

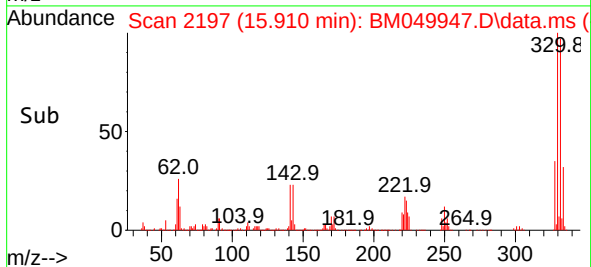
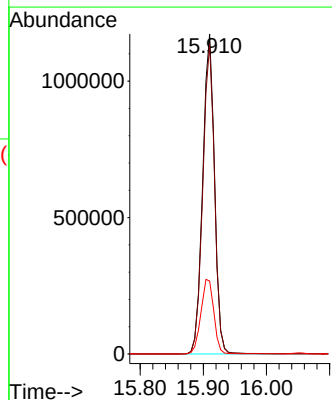
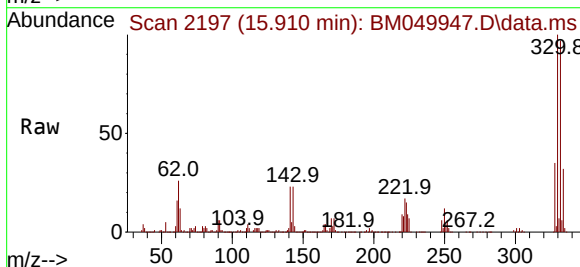


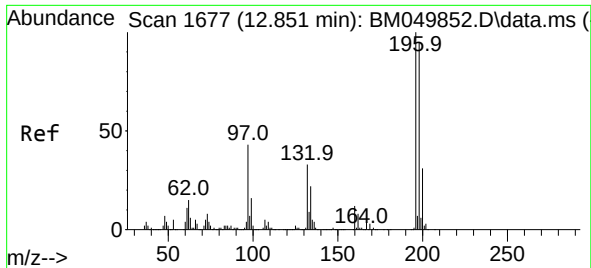
Tgt Ion:237 Resp: 1433013
Ion Ratio Lower Upper
237 100
235 62.2 43.7 83.7
272 12.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 144.930 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:330 Resp: 1524489
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 25.5 23.5 35.3

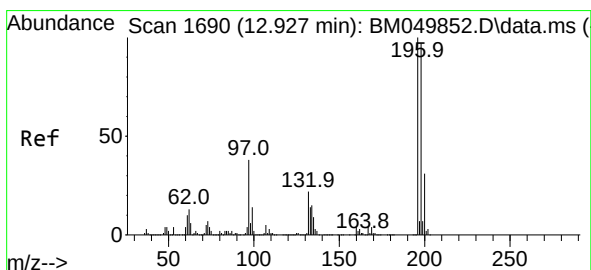
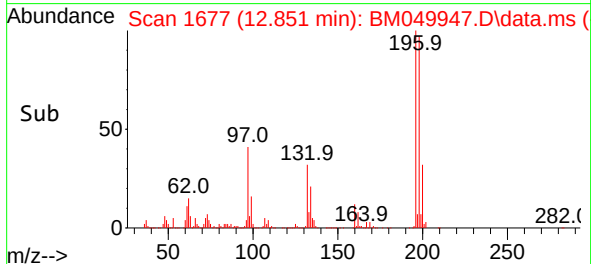
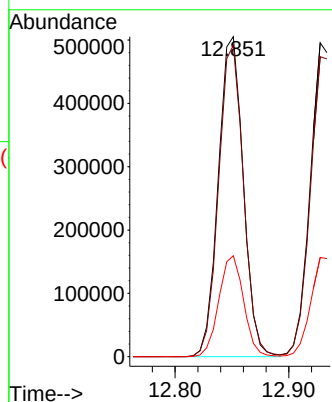
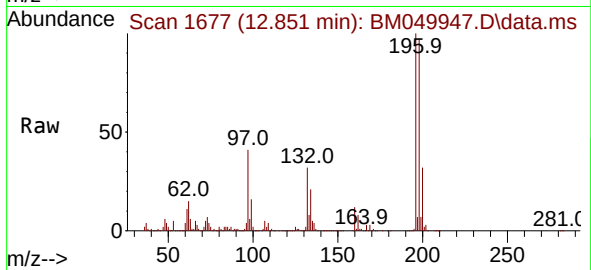




#43
2,4,6-Trichlorophenol
Concen: 47.982 ng
RT: 12.851 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

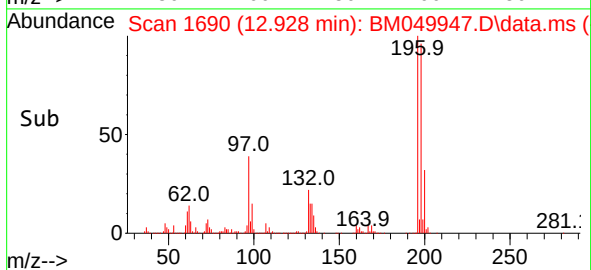
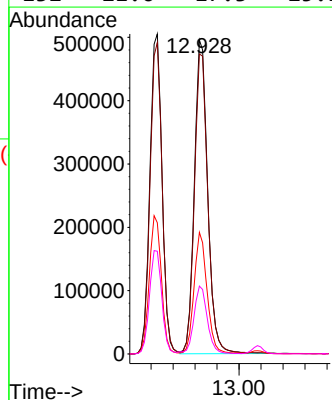
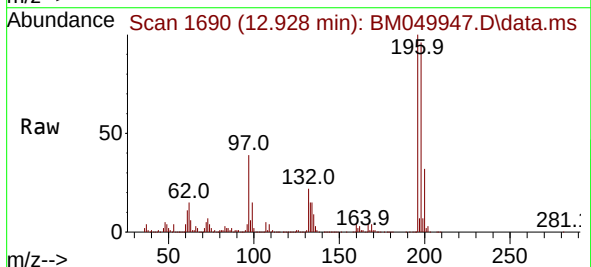
Instrument :
BNA_M
ClientSampleId :
PB167509BS

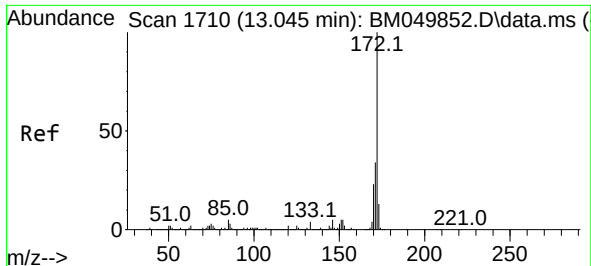
Tgt Ion:196 Resp: 772469
Ion Ratio Lower Upper
196 100
198 97.3 76.1 114.1
200 31.6 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 47.656 ng
RT: 12.928 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:196 Resp: 833745
Ion Ratio Lower Upper
196 100
198 95.6 77.7 116.5
97 38.7 30.3 45.5
132 21.6 17.3 25.9

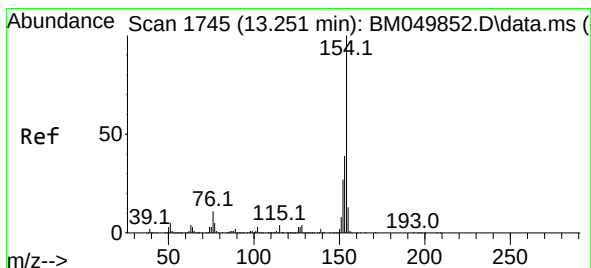
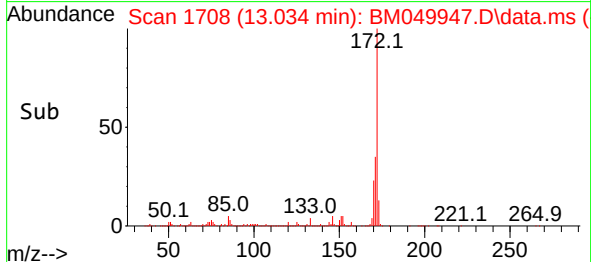
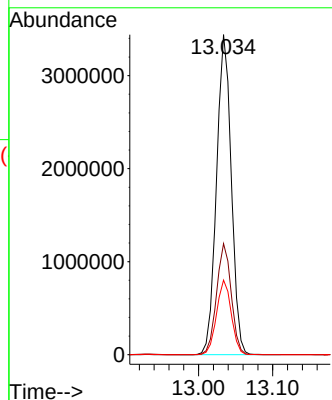
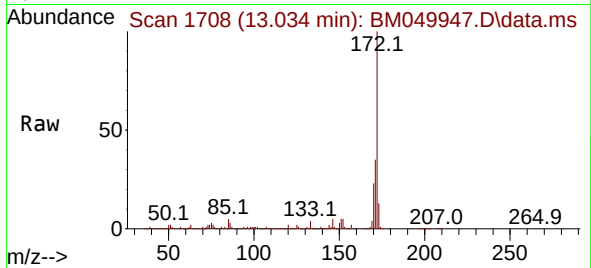




#45
2-Fluorobiphenyl
Concen: 89.163 ng
RT: 13.034 min Scan# 1710
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

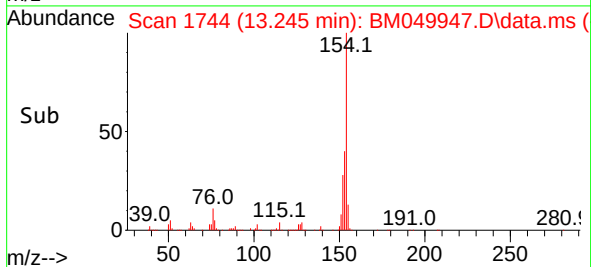
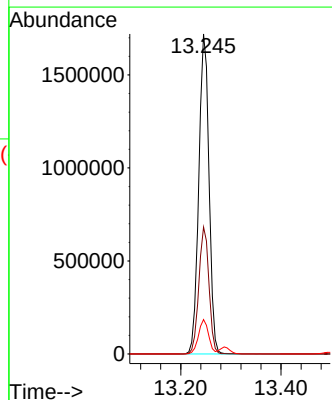
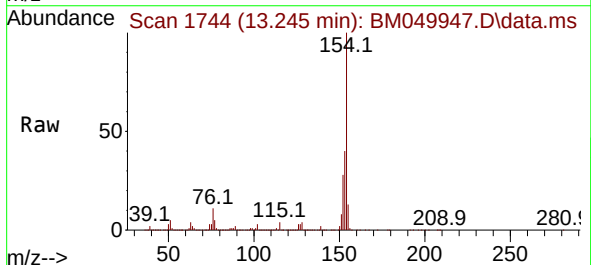
Instrument :
BNA_M
ClientSampleId :
PB167509BS

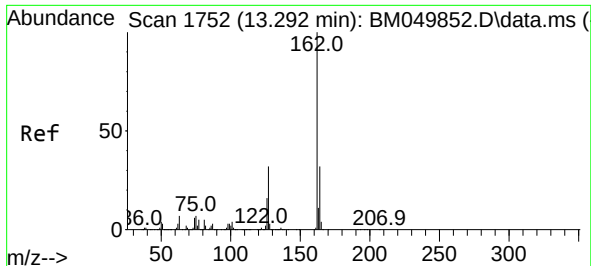
Tgt Ion:172 Resp: 4755133
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.2
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 45.059 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:154 Resp: 2422318
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 10.8 0.0 30.7

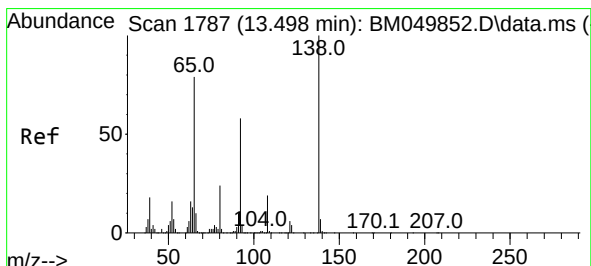
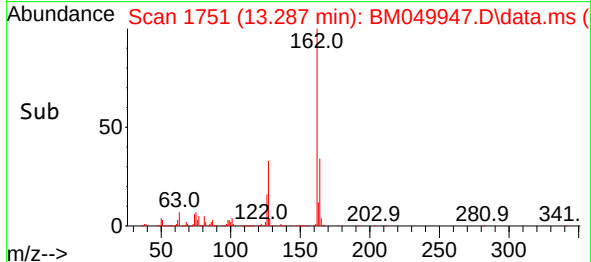
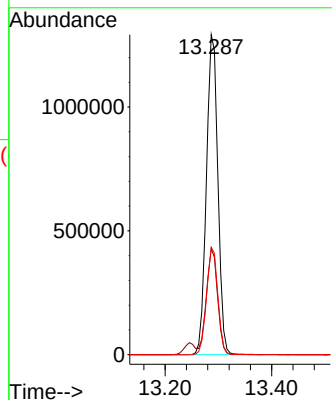
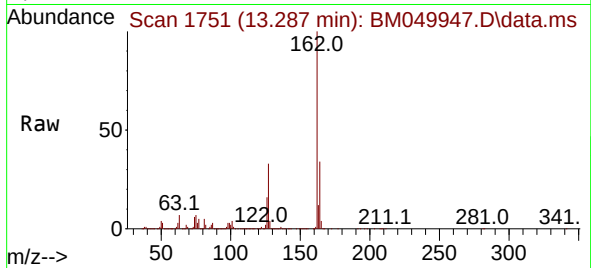




#47
2-Chloronaphthalene
Concen: 45.579 ng
RT: 13.287 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

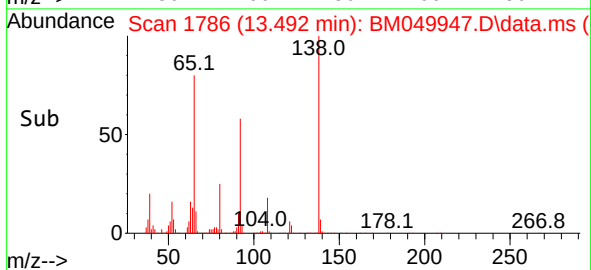
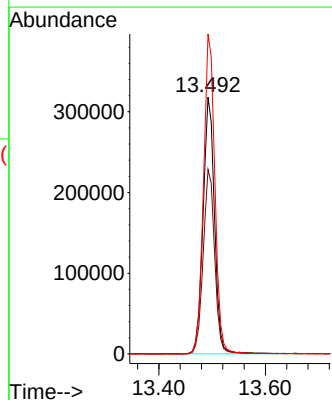
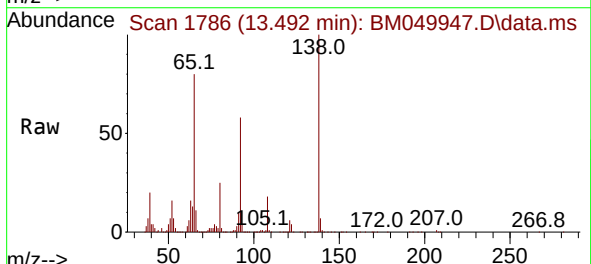
Instrument :
BNA_M
ClientSampleId :
PB167509BS

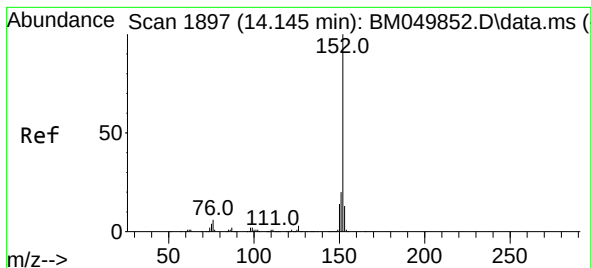
Tgt Ion:162 Resp: 1925861
Ion Ratio Lower Upper
162 100
127 33.2 26.0 39.0
164 33.6 25.9 38.9



#48
2-Nitroaniline
Concen: 48.580 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion: 65 Resp: 474869
Ion Ratio Lower Upper
65 100
92 71.8 58.4 87.6
138 124.6 100.8 151.2





#49

Acenaphthylene

Concen: 49.510 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM049947.D

Acq: 16 Apr 2025 11:26

Instrument :

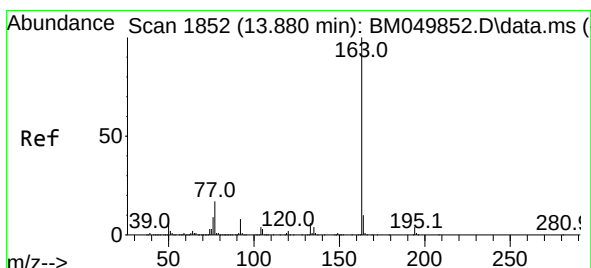
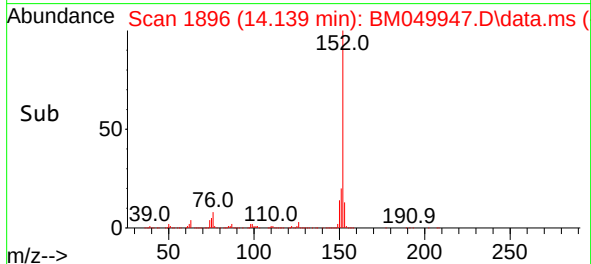
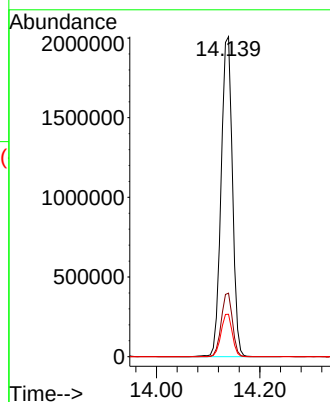
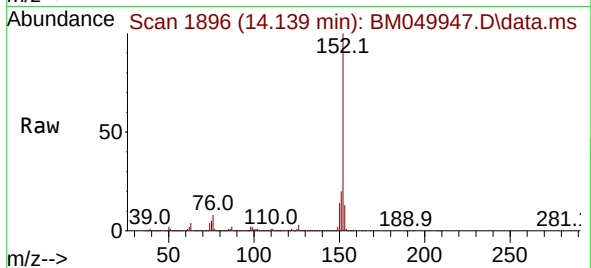
BNA_M

ClientSampleId :

PB167509BS

Tgt Ion:152 Resp: 3047254

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.3	10.4	15.6



#50

Dimethylphthalate

Concen: 46.235 ng

RT: 13.875 min Scan# 1851

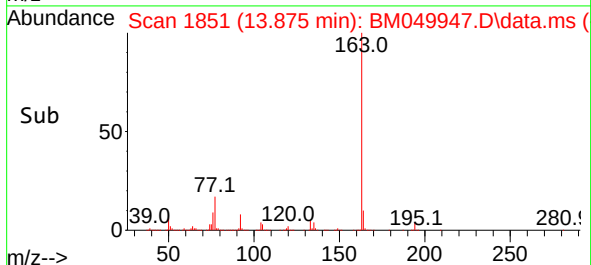
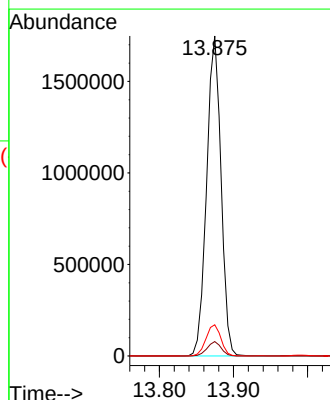
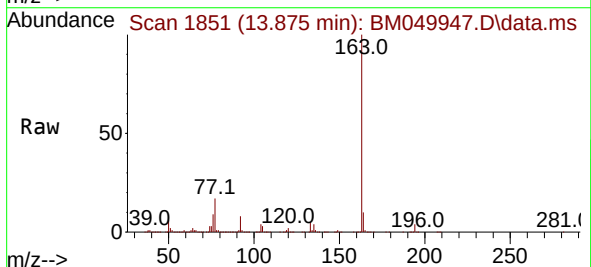
Delta R.T. -0.006 min

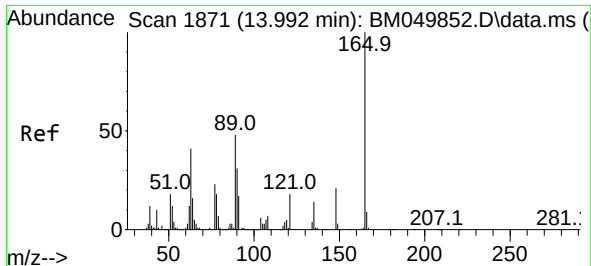
Lab File: BM049947.D

Acq: 16 Apr 2025 11:26

Tgt Ion:163 Resp: 2358862

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.8	7.9	11.9

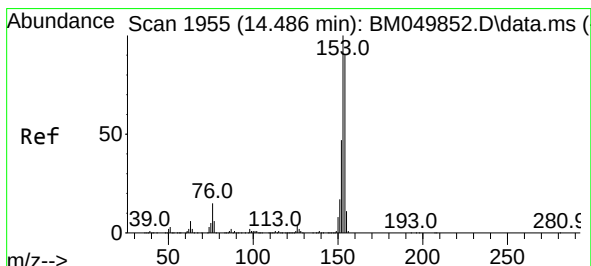
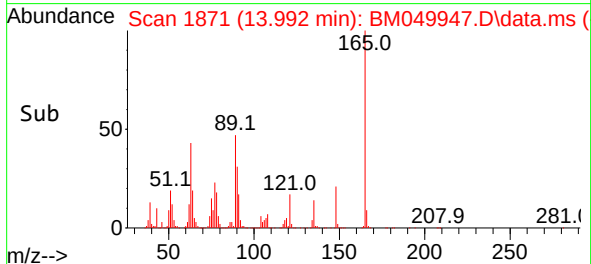
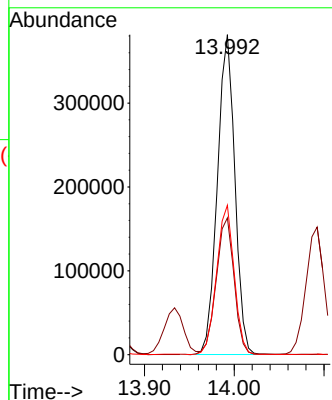
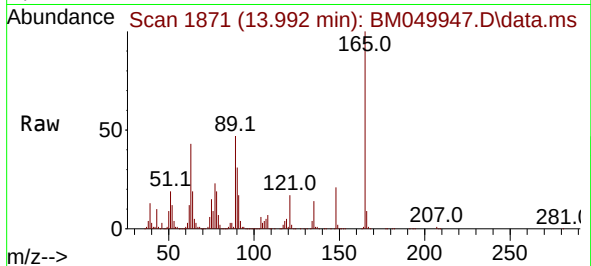




#51
2,6-Dinitrotoluene
Concen: 48.200 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

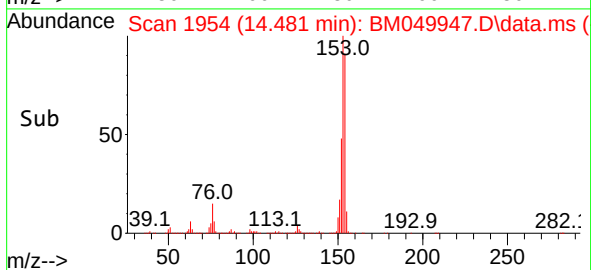
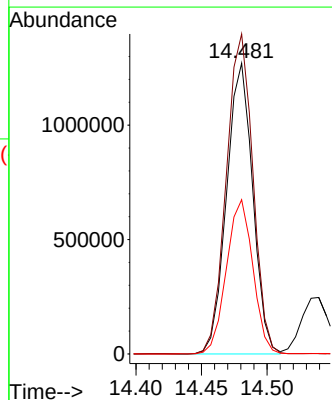
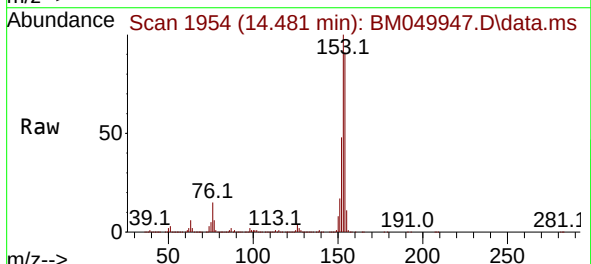
Instrument :
BNA_M
ClientSampleId :
PB167509BS

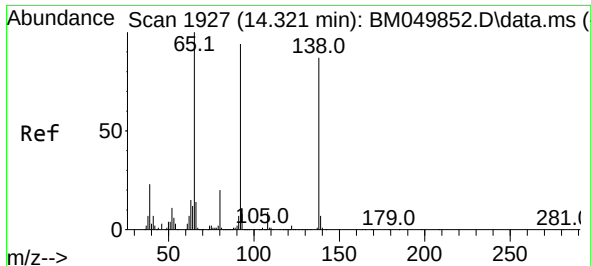
Tgt Ion:165 Resp: 515213
Ion Ratio Lower Upper
165 100
63 42.8 36.1 54.1
89 46.7 38.3 57.5



#52
Acenaphthene
Concen: 45.059 ng
RT: 14.481 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:154 Resp: 1764030
Ion Ratio Lower Upper
154 100
153 110.1 89.3 133.9
152 53.1 42.2 63.2

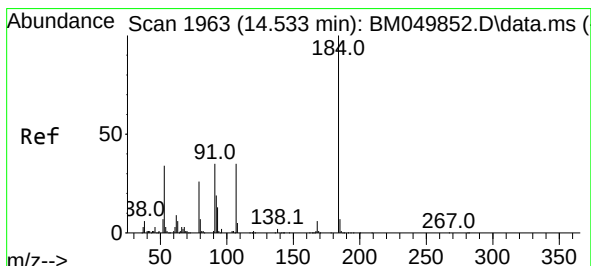
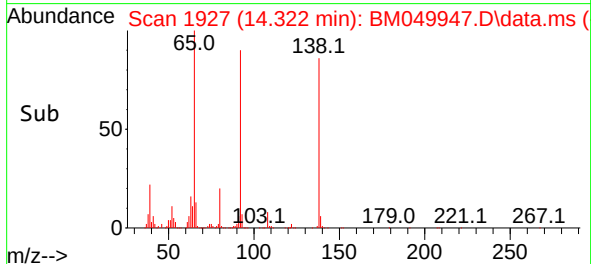
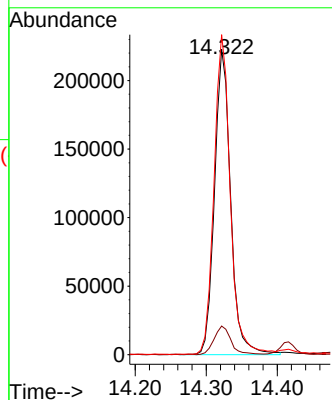
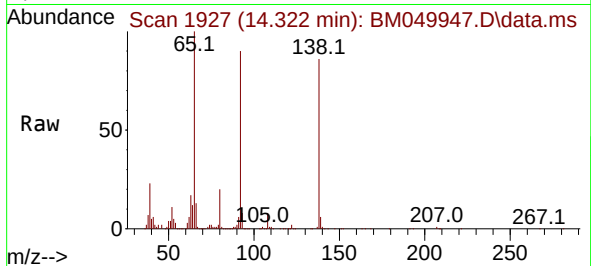




#53
3-Nitroaniline
Concen: 34.011 ng
RT: 14.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

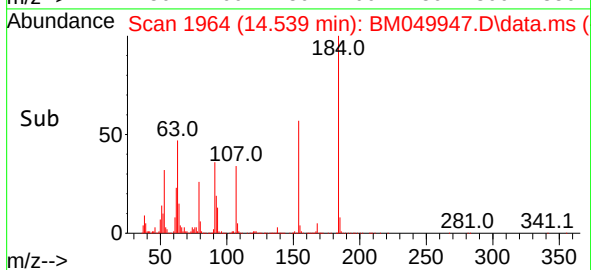
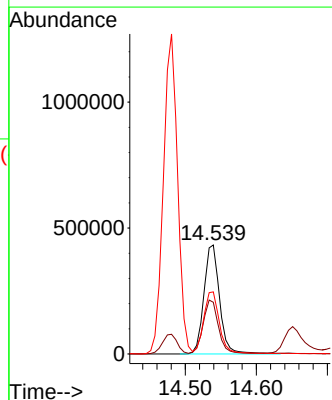
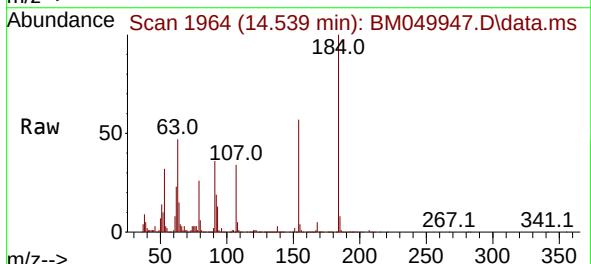
Instrument :
BNA_M
ClientSampleId :
PB167509BS

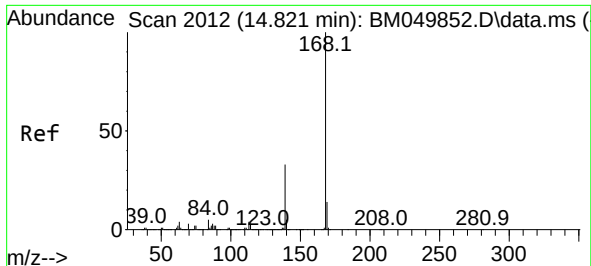
Tgt Ion:138 Resp: 351369
Ion Ratio Lower Upper
138 100
108 9.4 8.1 12.1
92 104.8 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 85.742 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:184 Resp: 668125
Ion Ratio Lower Upper
184 100
63 47.4 38.4 57.6
154 57.0 48.1 72.1

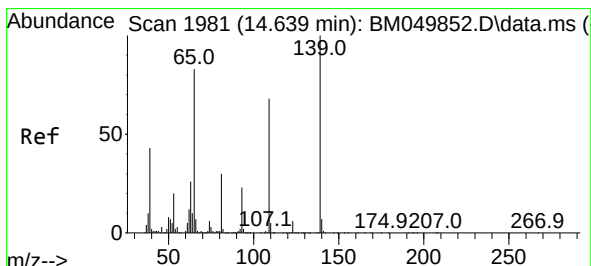
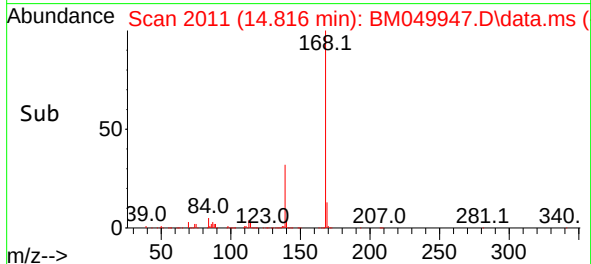
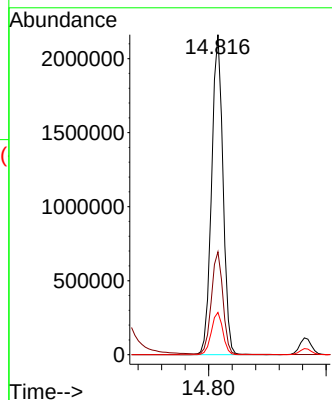
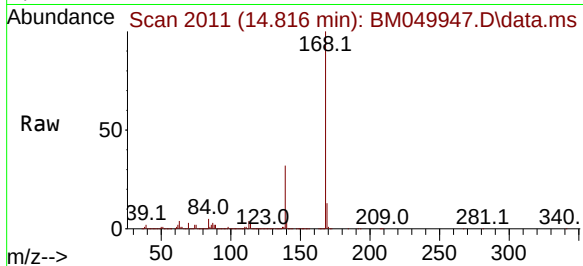




#55
Dibenzenofuran
Concen: 44.201 ng
RT: 14.816 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

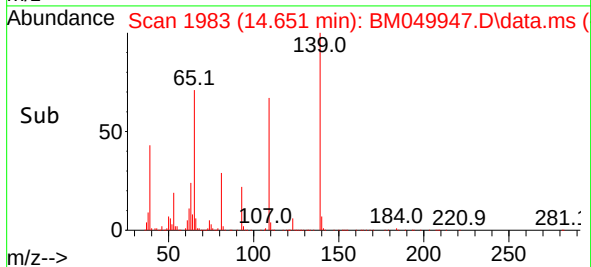
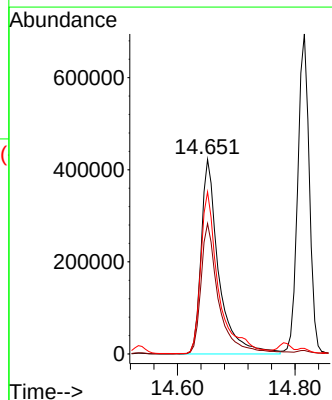
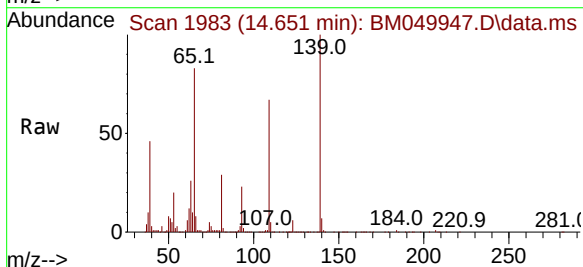
Instrument :
BNA_M
ClientSampleId :
PB167509BS

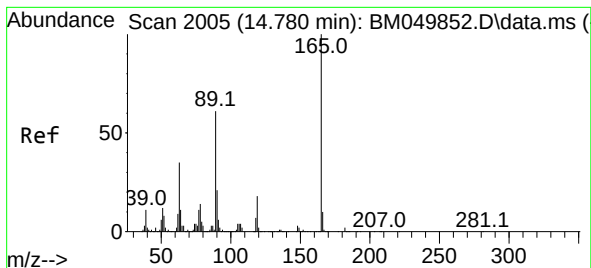
Tgt Ion:168 Resp: 2892823
Ion Ratio Lower Upper
168 100
139 32.1 26.6 39.8
169 13.2 11.0 16.4



#56
4-Nitrophenol
Concen: 95.553 ng
RT: 14.651 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:139 Resp: 879693
Ion Ratio Lower Upper
139 100
109 67.0 47.9 87.9
65 83.3 62.7 102.7

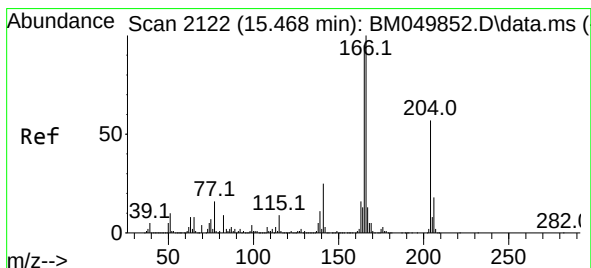
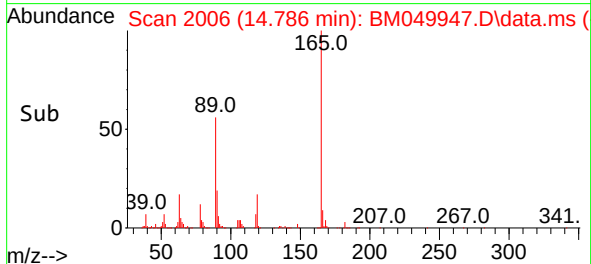
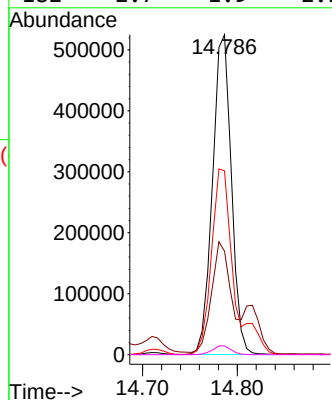
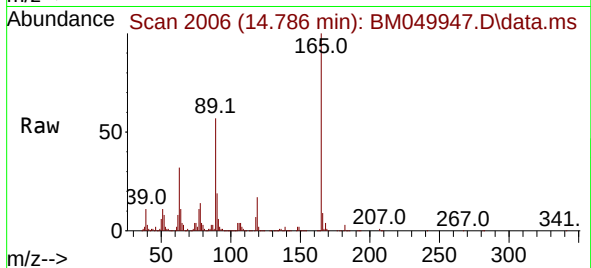




#57
2,4-Dinitrotoluene
Concen: 50.868 ng
RT: 14.786 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

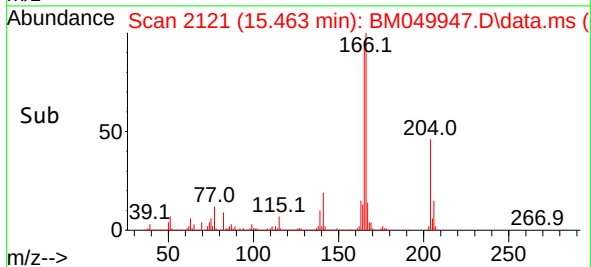
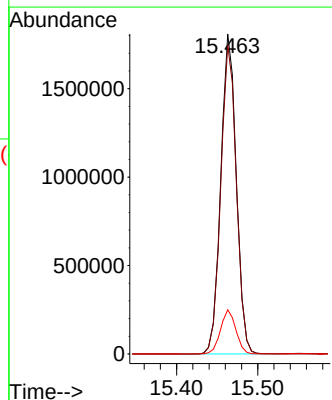
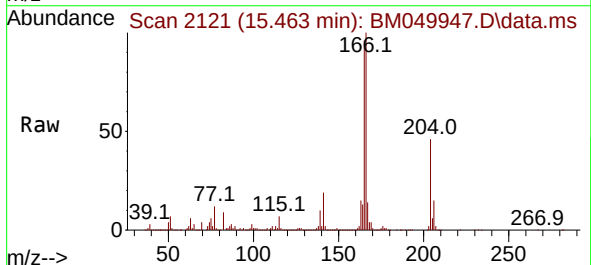
Instrument :
BNA_M
ClientSampleId :
PB167509BS

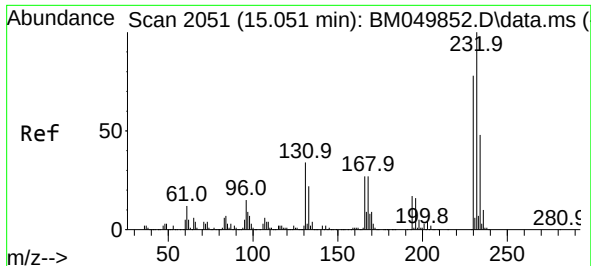
Tgt Ion:165 Resp: 725380
Ion Ratio Lower Upper
165 100
63 32.3 28.6 42.8
89 57.4 49.0 73.6
182 2.7 1.9 2.9



#58
Fluorene
Concen: 46.319 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:166 Resp: 2409614
Ion Ratio Lower Upper
166 100
165 96.5 76.3 114.5
167 13.8 10.7 16.1

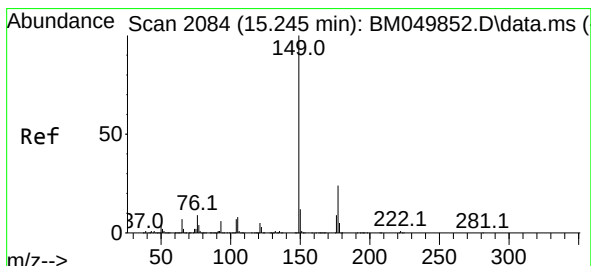
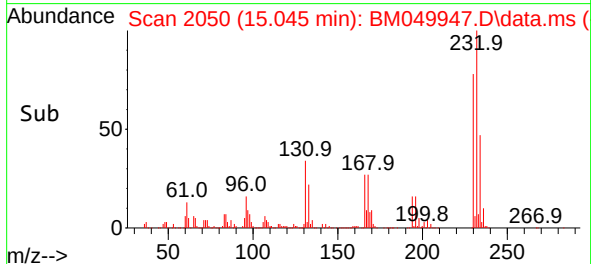
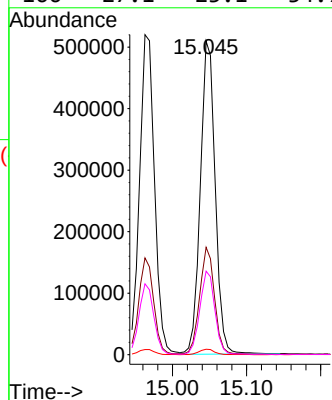
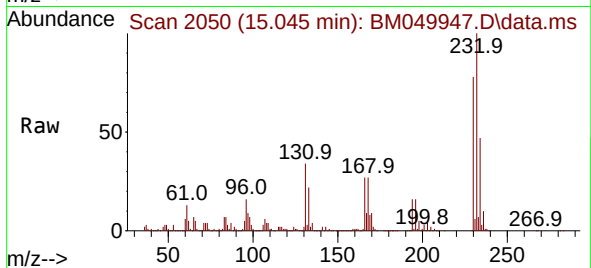




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.388 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

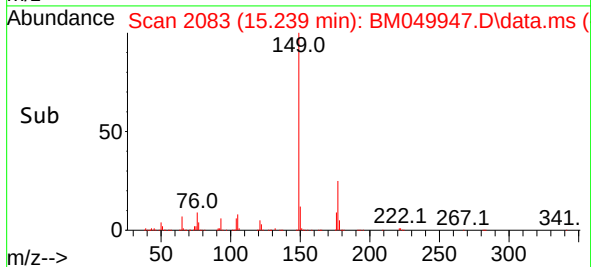
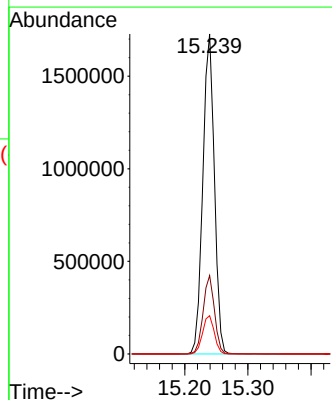
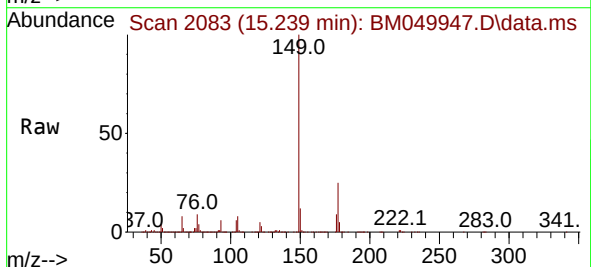
Instrument :
BNA_M
ClientSampleId :
PB167509BS

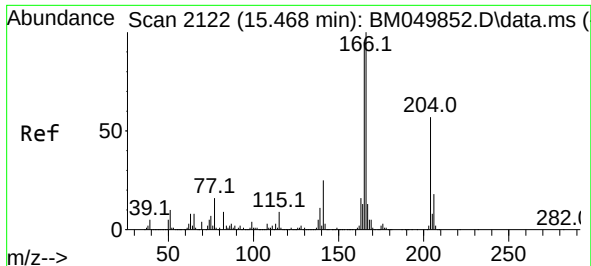
Tgt Ion:232 Resp: 711309
Ion Ratio Lower Upper
232 100
131 34.4 28.4 42.6
130 1.9 1.6 2.4
166 27.1 23.1 34.7



#60
Diethylphthalate
Concen: 44.769 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:149 Resp: 2190399
Ion Ratio Lower Upper
149 100
177 24.5 19.0 28.4
150 11.9 9.7 14.5

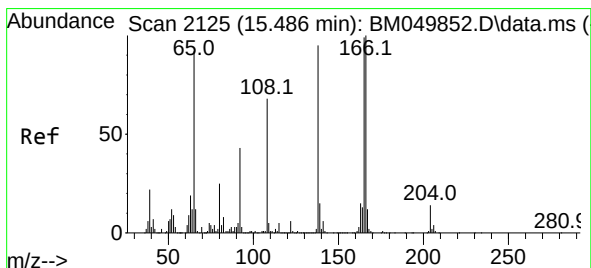
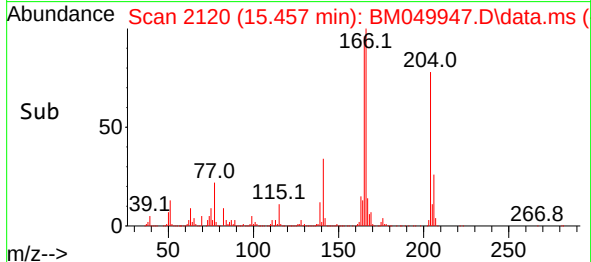
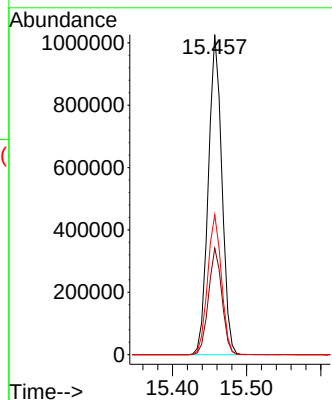
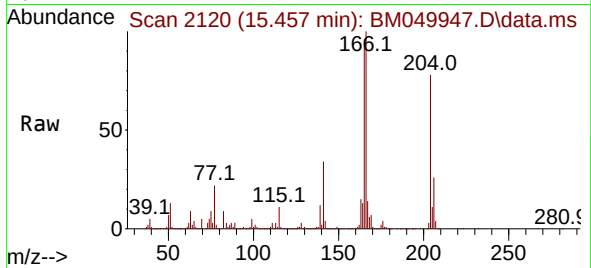




#61
4-Chlorophenyl-phenylether
Concen: 46.682 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.011 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

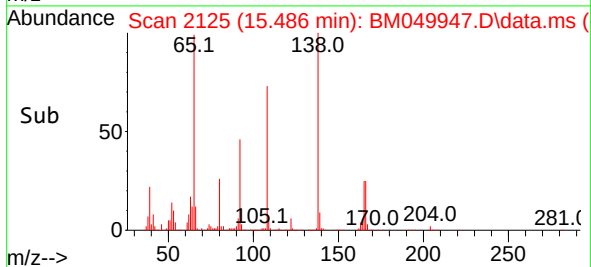
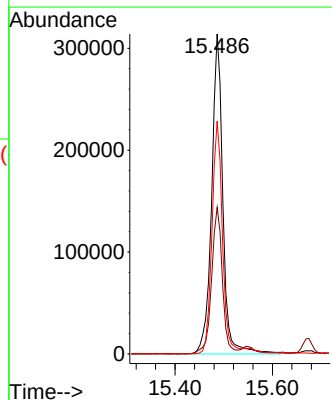
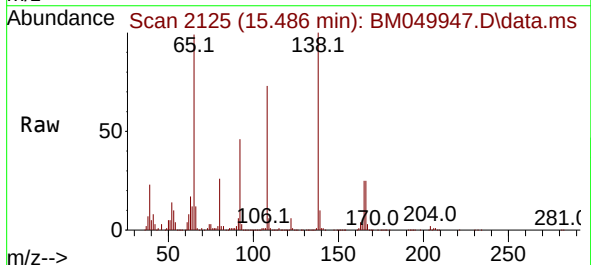
Instrument :
BNA_M
ClientSampleId :
PB167509BS

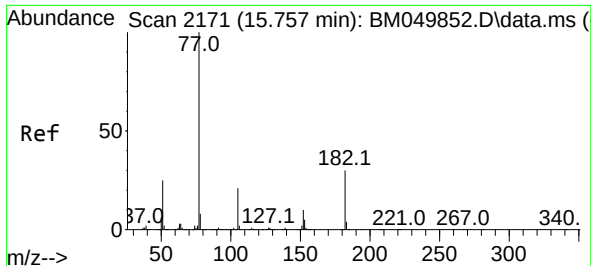
Tgt Ion:204 Resp: 1302004
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 43.7 35.0 52.6



#62
4-Nitroaniline
Concen: 47.073 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:138 Resp: 502922
Ion Ratio Lower Upper
138 100
92 45.8 24.9 64.9
108 72.7 51.7 91.7

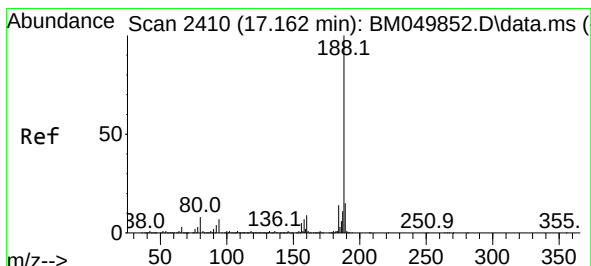
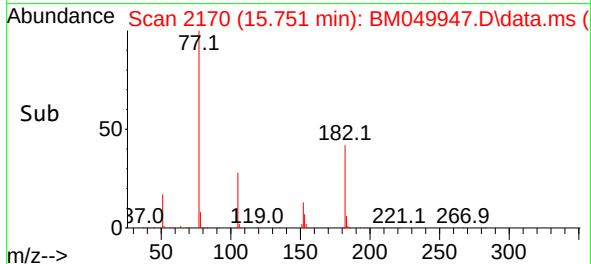
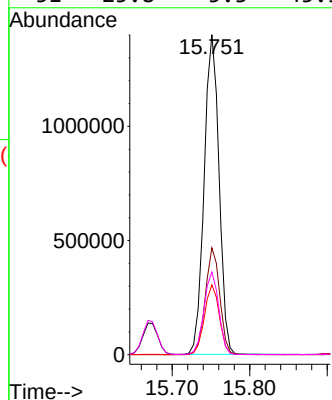
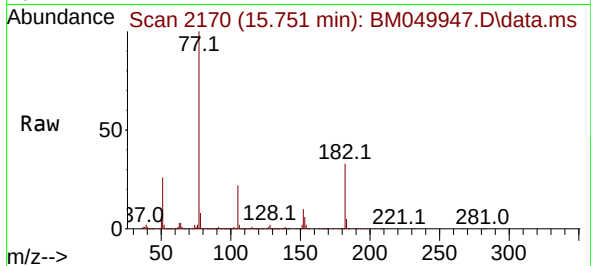




#63
Azobenzene
Concen: 44.564 ng
RT: 15.751 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

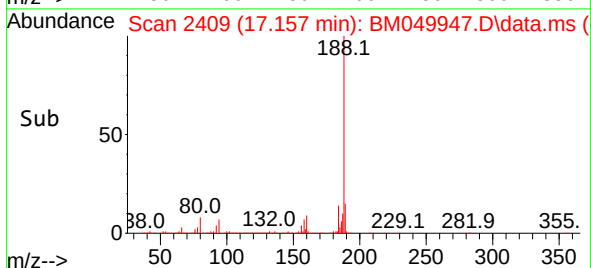
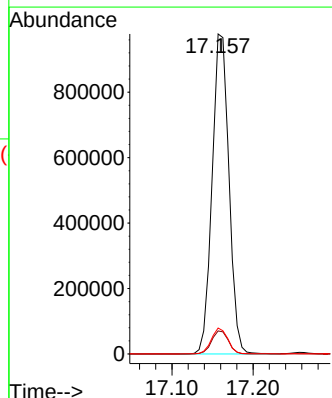
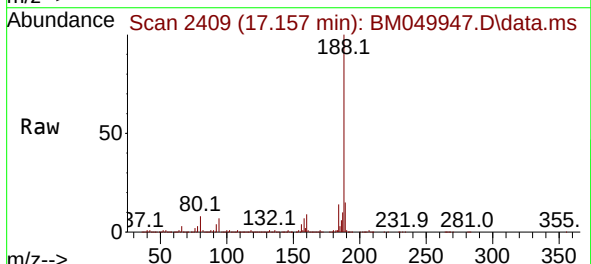
Instrument :
BNA_M
ClientSampleId :
PB167509BS

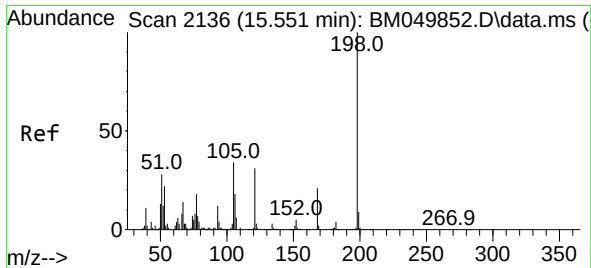
Tgt Ion: 77 Resp: 1866693
Ion Ratio Lower Upper
77 100
182 33.4 10.4 50.4
105 21.8 1.5 41.5
51 25.8 5.3 45.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:188 Resp: 1408528
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 8.1 6.4 9.6

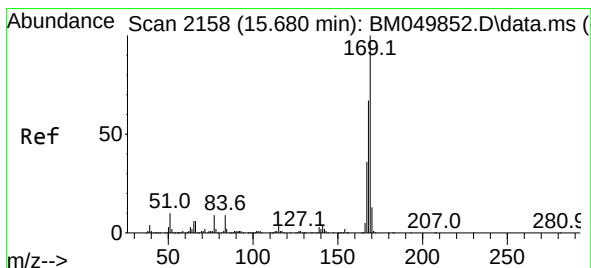
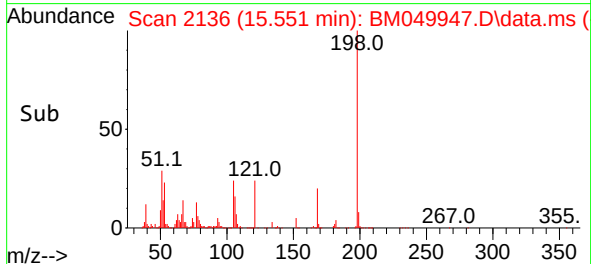
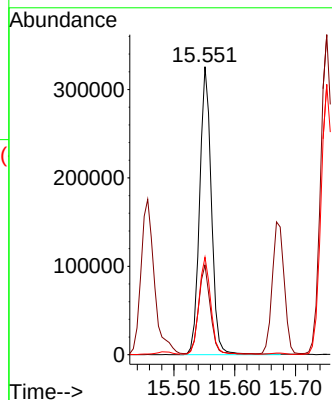
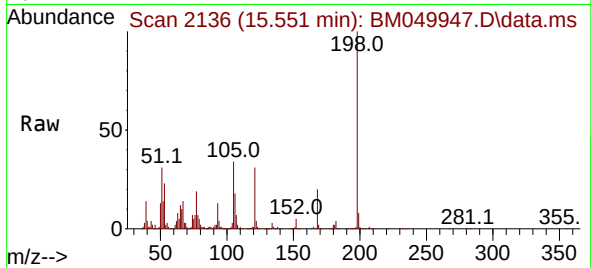




#65
4,6-Dinitro-2-methylphenol
Concen: 49.238 ng
RT: 15.551 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

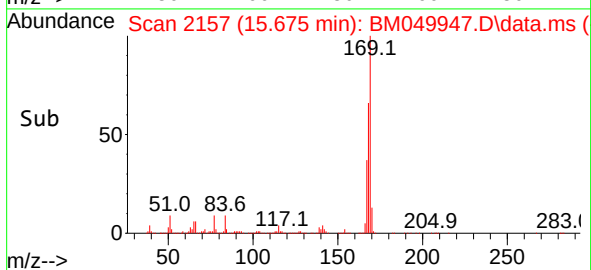
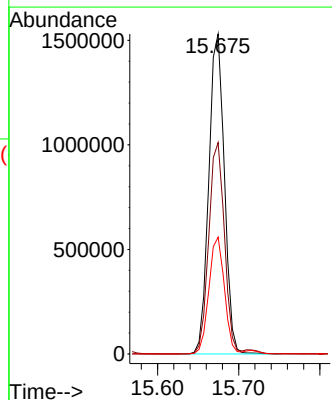
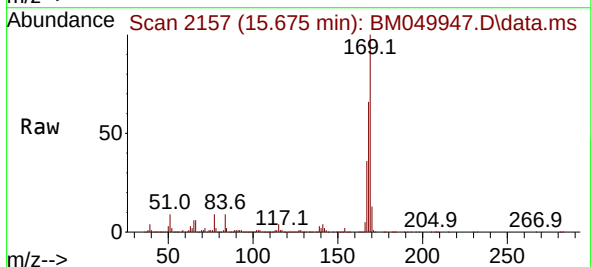
Instrument :
BNA_M
ClientSampleId :
PB167509BS

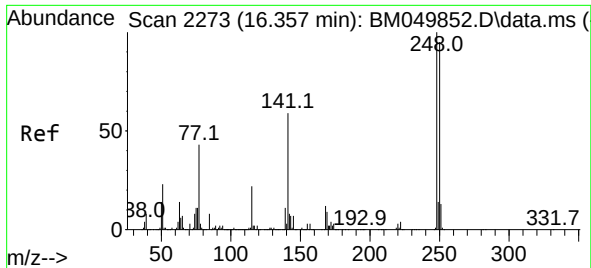
Tgt Ion:198 Resp: 437036
Ion Ratio Lower Upper
198 100
51 31.1 9.6 49.6
105 33.9 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 48.266 ng
RT: 15.675 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:169 Resp: 2034520
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.5 29.0 43.6

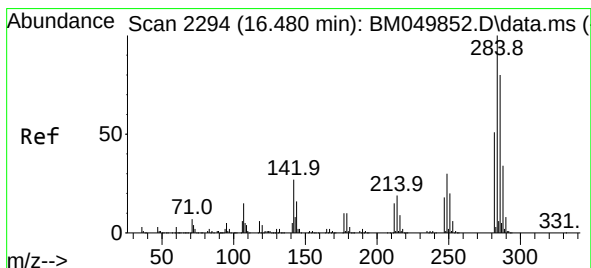
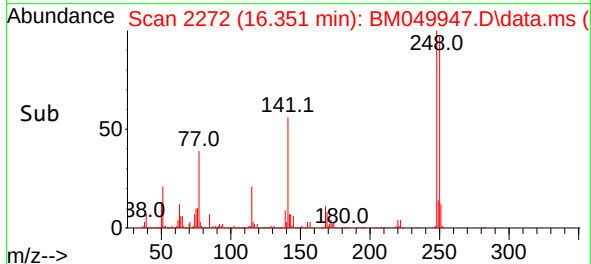
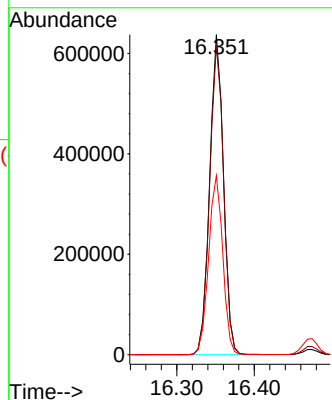
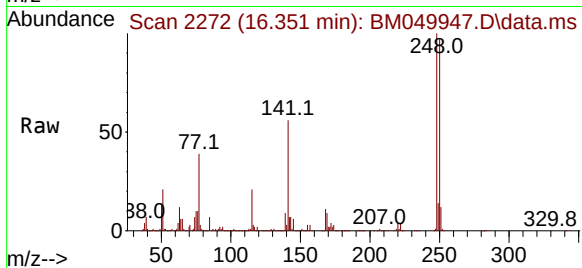




#67
 4-Bromophenyl-phenylether
 Concen: 48.319 ng
 RT: 16.351 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049947.D
 Acq: 16 Apr 2025 11:26

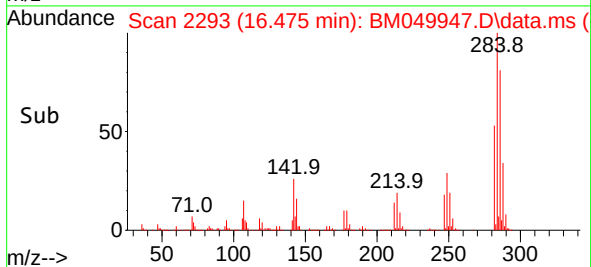
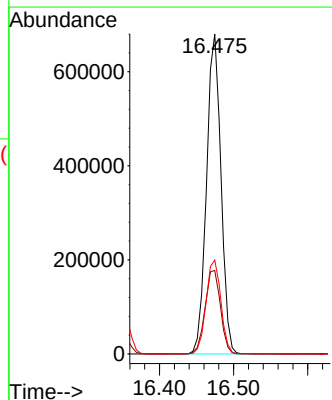
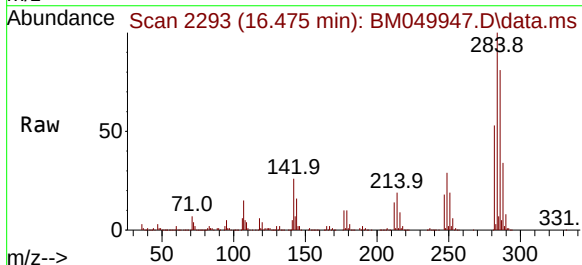
Instrument :
 BNA_M
 ClientSampleId :
 PB167509BS

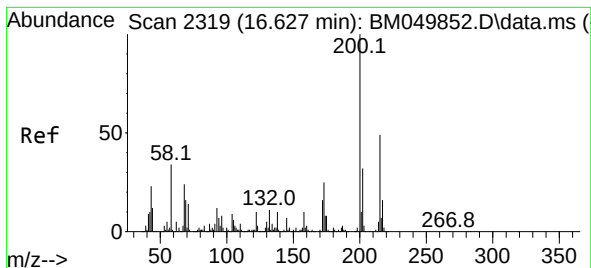
Tgt Ion:248 Resp: 790083
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.2 114.2
 141 55.9 47.3 70.9



#68
 Hexachlorobenzene
 Concen: 49.022 ng
 RT: 16.475 min Scan# 2293
 Delta R.T. -0.006 min
 Lab File: BM049947.D
 Acq: 16 Apr 2025 11:26

Tgt Ion:284 Resp: 919430
 Ion Ratio Lower Upper
 284 100
 142 26.1 21.2 31.8
 249 29.4 24.1 36.1





#69

Atrazine

Concen: 66.929 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049947.D

Acq: 16 Apr 2025 11:26

Instrument :

BNA_M

ClientSampleId :

PB167509BS

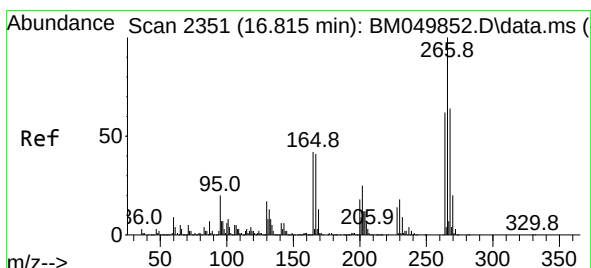
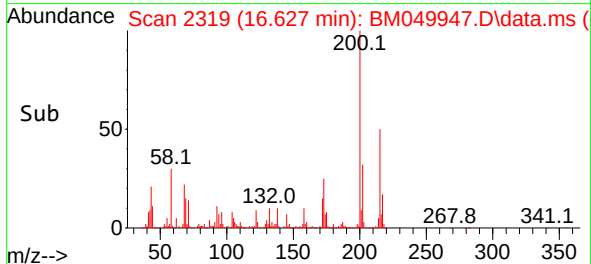
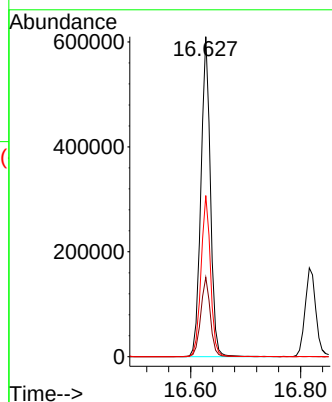
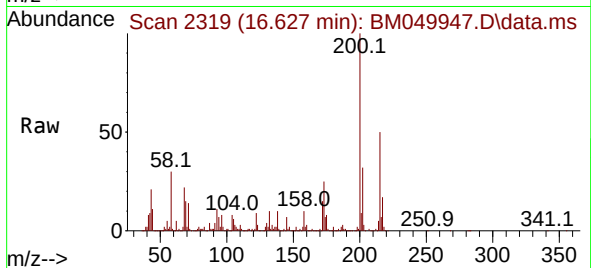
Tgt Ion:200 Resp: 731486

Ion Ratio Lower Upper

200 100

173 24.8 5.4 45.4

215 50.4 29.0 69.0



#70

Pentachlorophenol

Concen: 92.705 ng

RT: 16.816 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BM049947.D

Acq: 16 Apr 2025 11:26

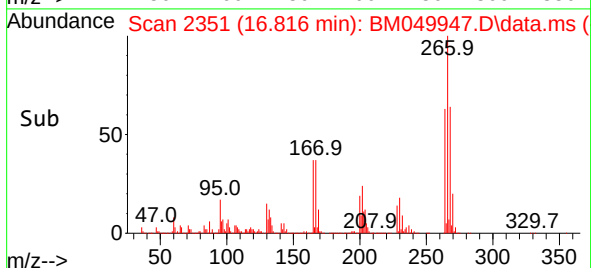
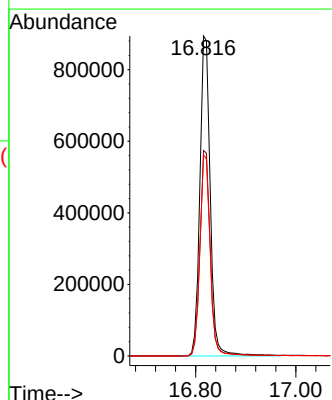
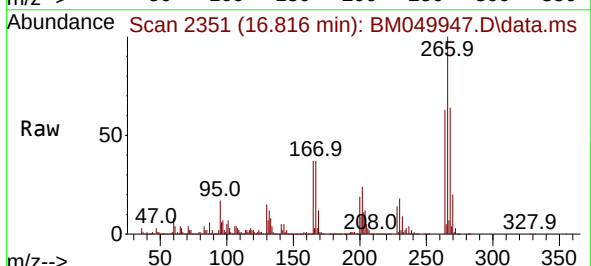
Tgt Ion:266 Resp: 1280079

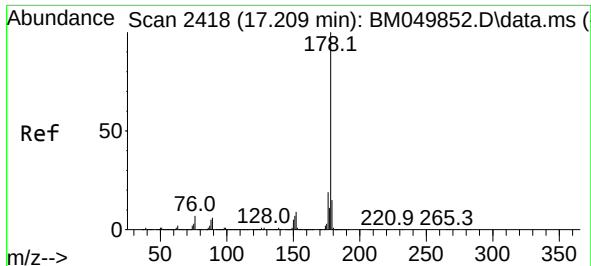
Ion Ratio Lower Upper

266 100

268 64.2 51.4 77.2

264 62.9 49.8 74.8

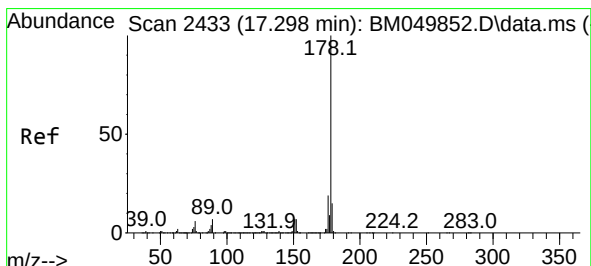
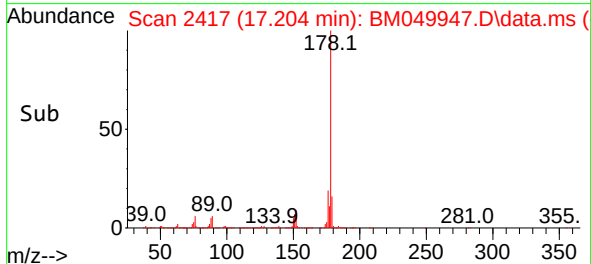
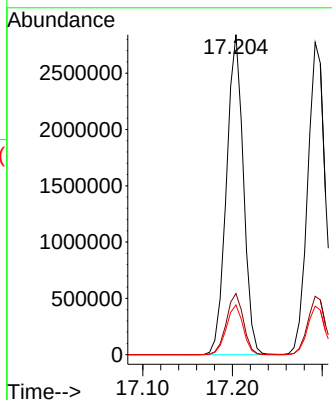
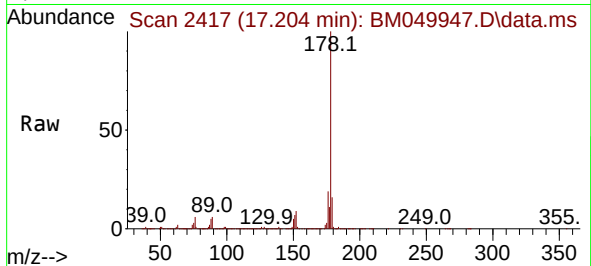




#71
Phenanthrene
Concen: 48.220 ng
RT: 17.204 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

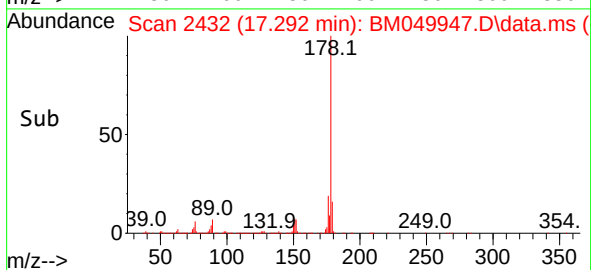
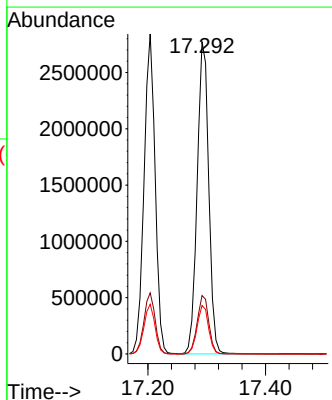
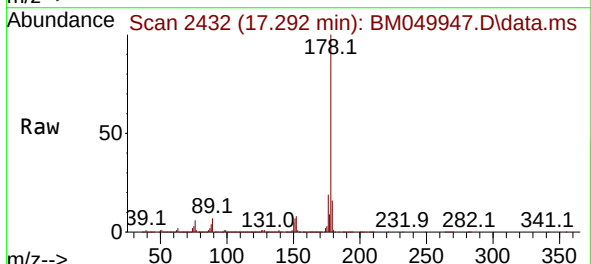
Instrument :
BNA_M
ClientSampleId :
PB167509BS

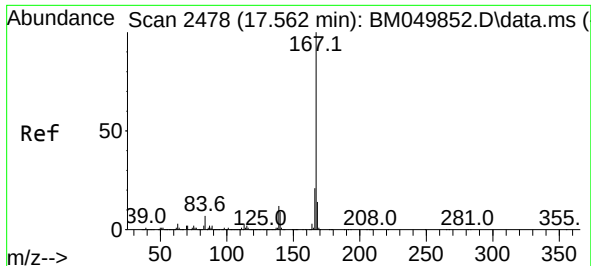
Tgt Ion:178 Resp: 3723574
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.5 12.3 18.5



#72
Anthracene
Concen: 49.616 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:178 Resp: 3775775
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.5 12.4 18.6

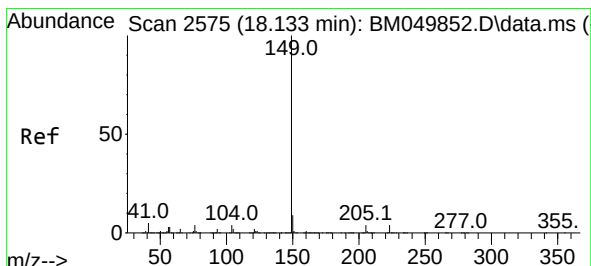
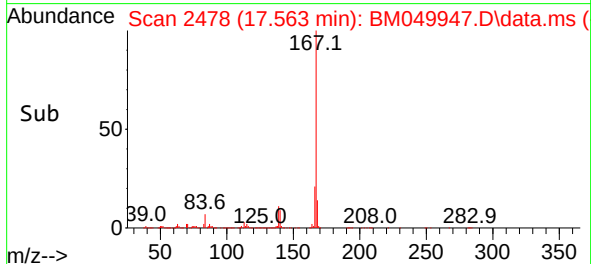
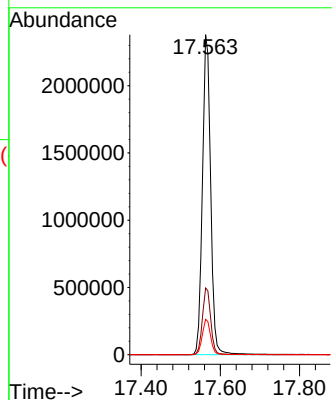
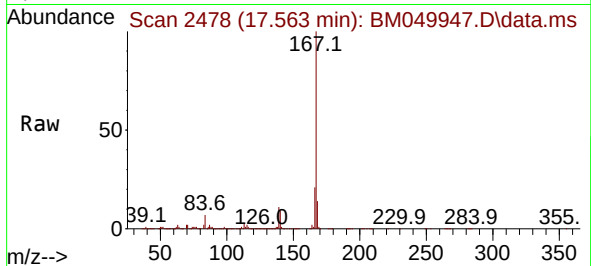




#73
 Carbazole
 Concen: 47.807 ng
 RT: 17.563 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BM049947.D
 Acq: 16 Apr 2025 11:26

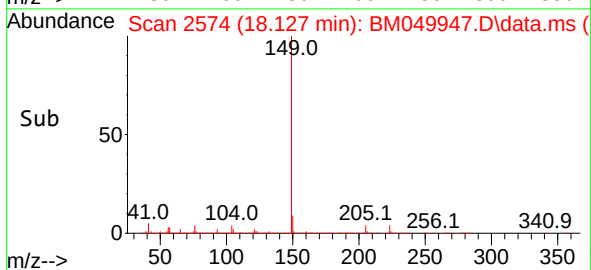
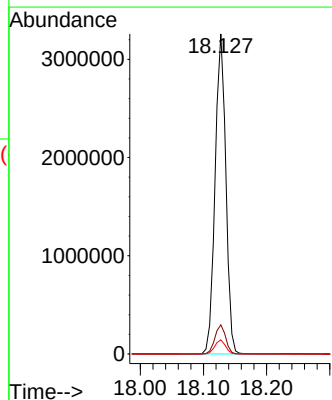
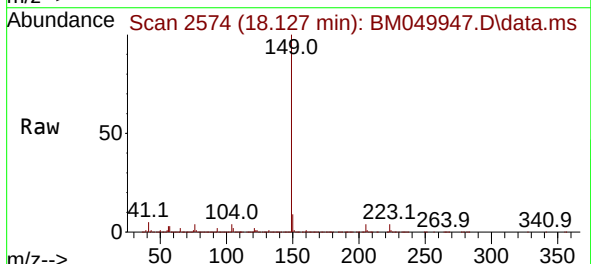
Instrument :
 BNA_M
 ClientSampleId :
 PB167509BS

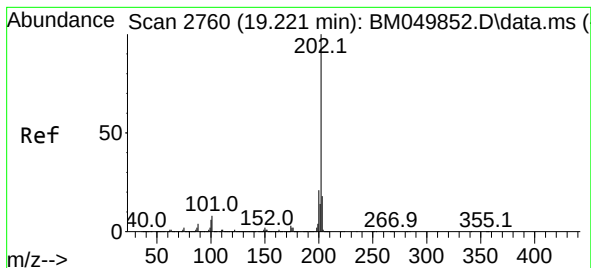
Tgt Ion:167 Resp: 3426685
 Ion Ratio Lower Upper
 167 100
 166 20.8 16.9 25.3
 139 11.0 9.3 13.9



#74
 Di-n-butylphthalate
 Concen: 46.376 ng
 RT: 18.127 min Scan# 2574
 Delta R.T. -0.006 min
 Lab File: BM049947.D
 Acq: 16 Apr 2025 11:26

Tgt Ion:149 Resp: 3828697
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 47.358 ng

RT: 19.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049947.D

Acq: 16 Apr 2025 11:26

Instrument :

BNA_M

ClientSampleId :

PB167509BS

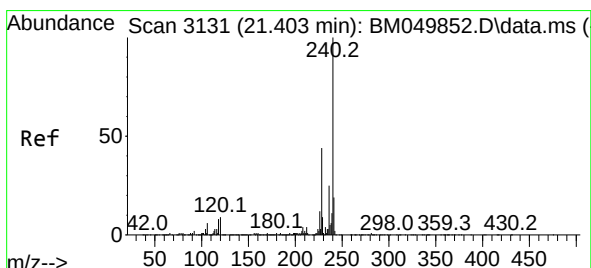
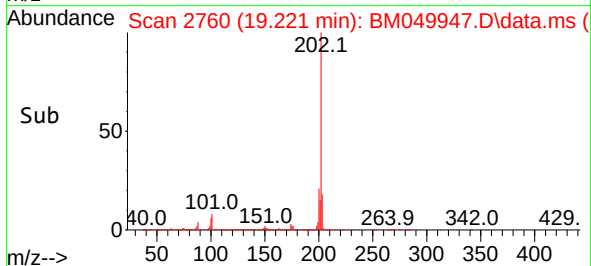
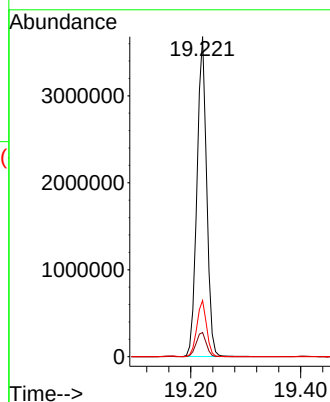
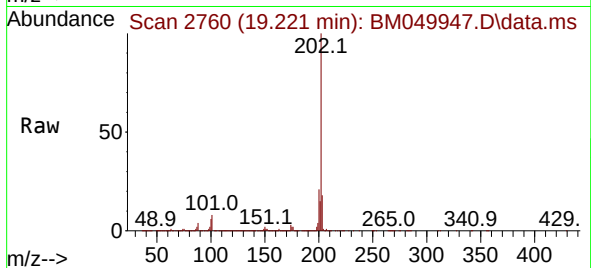
Tgt Ion:202 Resp: 4496471

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.4

203 17.6 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BM049947.D

Acq: 16 Apr 2025 11:26

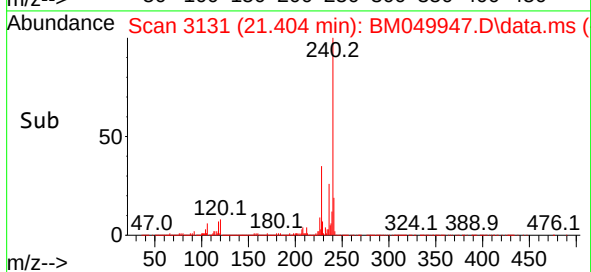
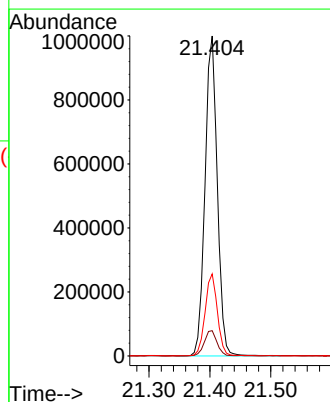
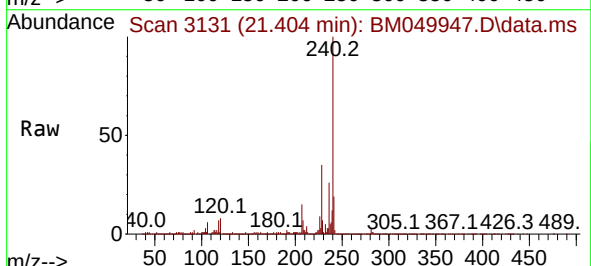
Tgt Ion:240 Resp: 1396785

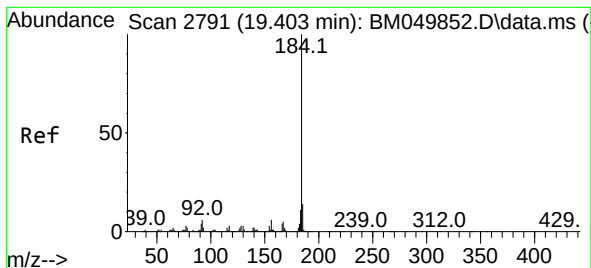
Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

236 25.6 20.4 30.6





#77

Benzidine

Concen: 102.434 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049947.D

Acq: 16 Apr 2025 11:26

Instrument :

BNA_M

ClientSampleId :

PB167509BS

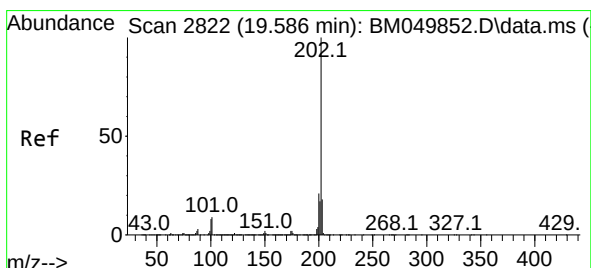
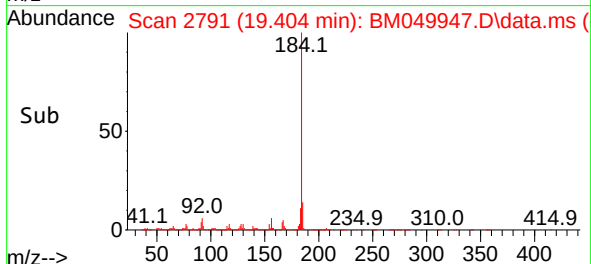
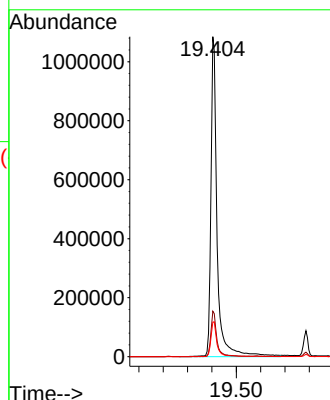
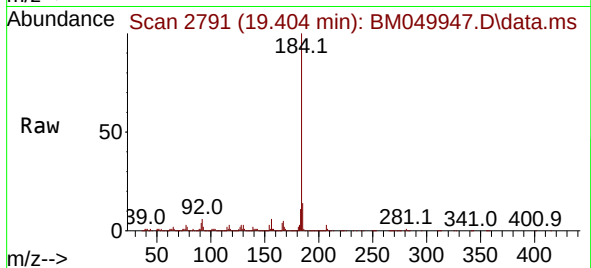
Tgt Ion:184 Resp: 1898133

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.2

183 10.8 8.8 13.2



#78

Pyrene

Concen: 48.311 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM049947.D

Acq: 16 Apr 2025 11:26

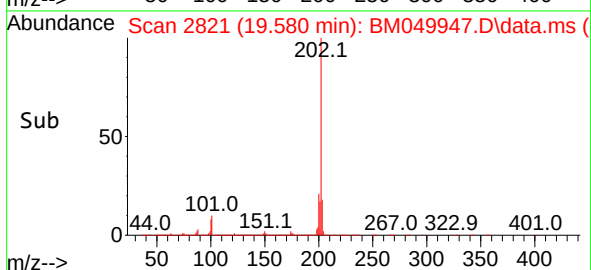
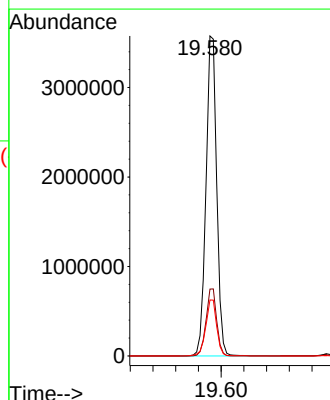
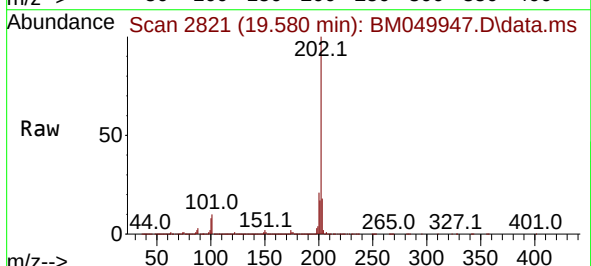
Tgt Ion:202 Resp: 4650588

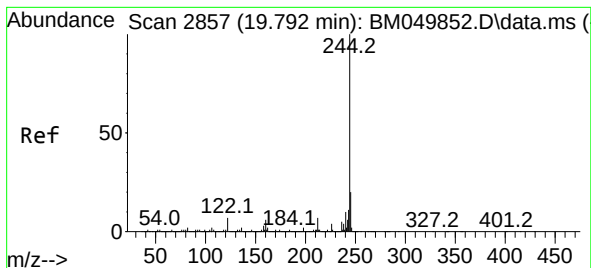
Ion Ratio Lower Upper

202 100

200 20.9 16.5 24.7

203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 101.243 ng

RT: 19.786 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM049947.D

Acq: 16 Apr 2025 11:26

Instrument :

BNA_M

ClientSampleId :

PB167509BS

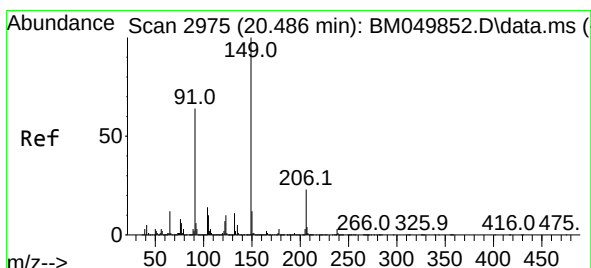
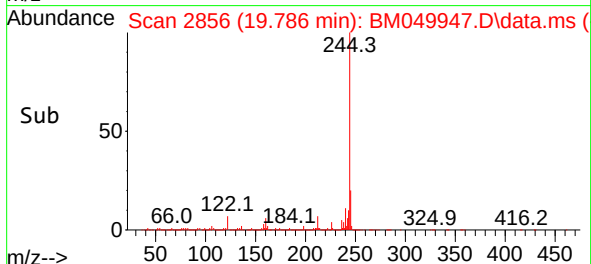
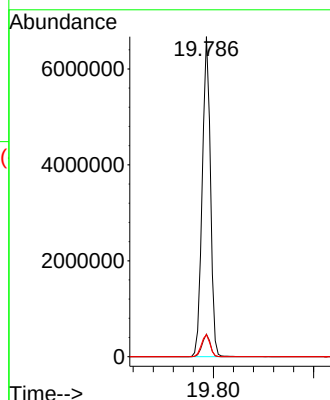
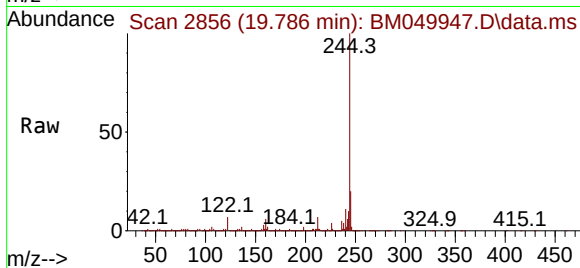
Tgt Ion:244 Resp: 7545930

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 6.8 5.4 8.0



#80

Butylbenzylphthalate

Concen: 46.939 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM049947.D

Acq: 16 Apr 2025 11:26

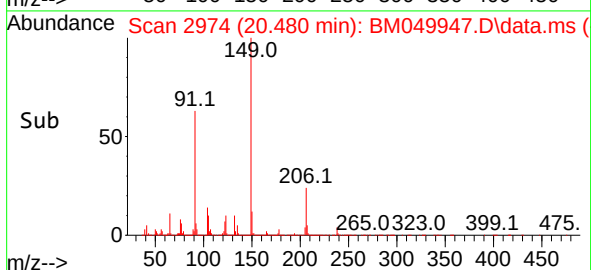
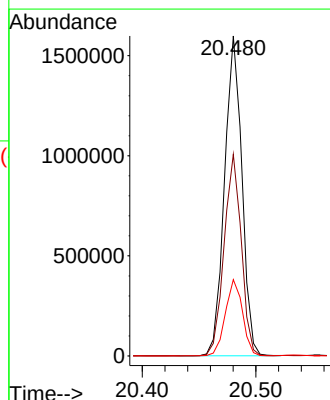
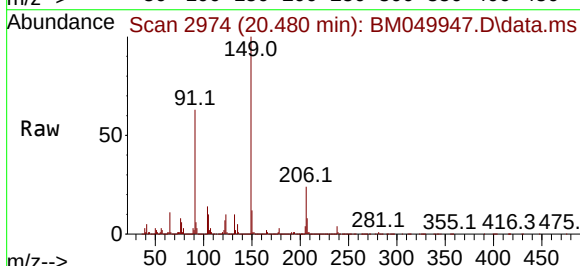
Tgt Ion:149 Resp: 1697848

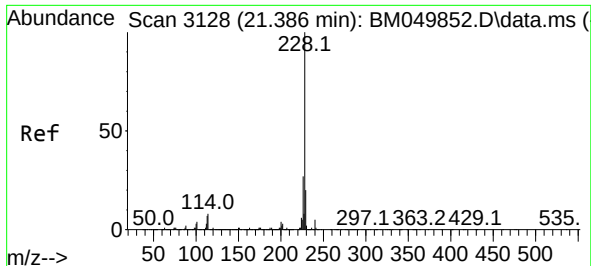
Ion Ratio Lower Upper

149 100

91 63.0 50.9 76.3

206 23.8 18.4 27.6

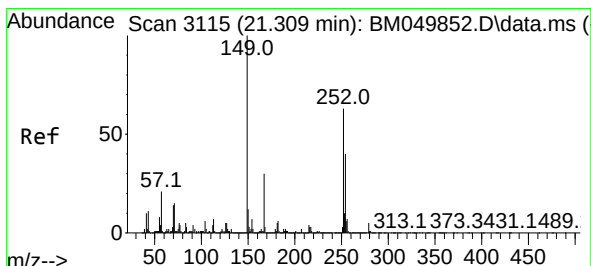
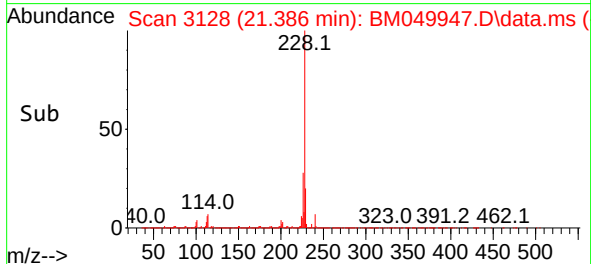
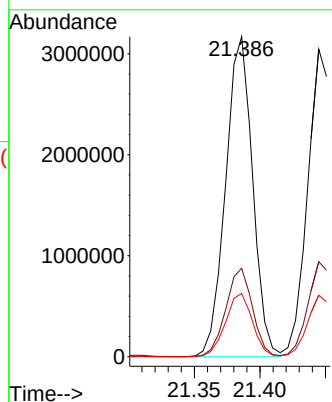
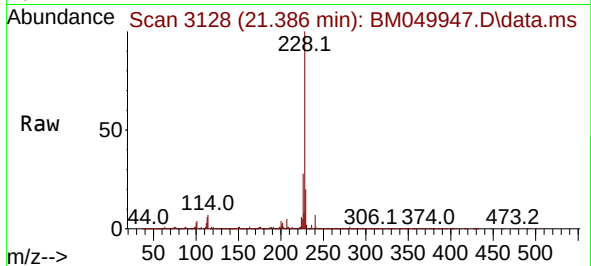




#81
Benzo(a)anthracene
Concen: 48.856 ng
RT: 21.386 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

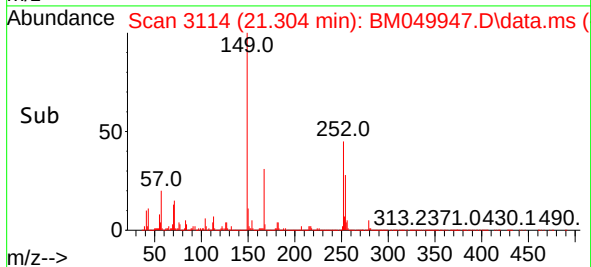
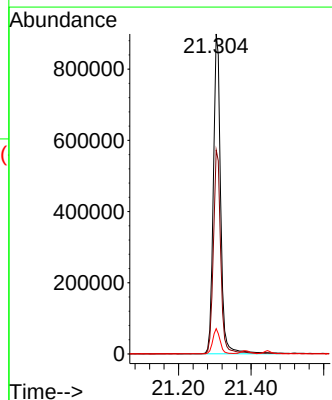
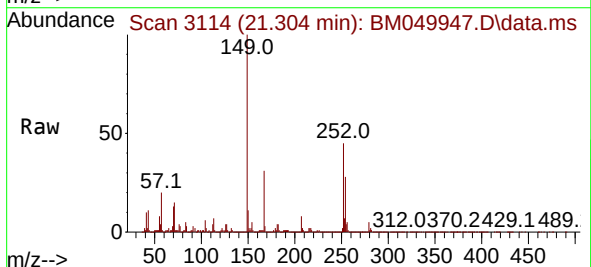
Instrument :
BNA_M
ClientSampleId :
PB167509BS

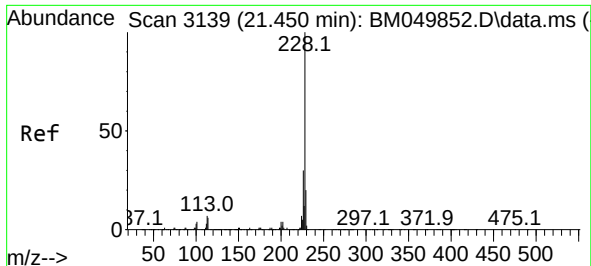
Tgt Ion:228 Resp: 4535328
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 35.685 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:252 Resp: 1250970
Ion Ratio Lower Upper
252 100
254 63.7 51.5 77.3
126 7.9 6.3 9.5

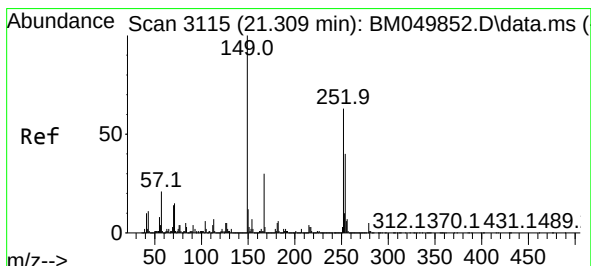
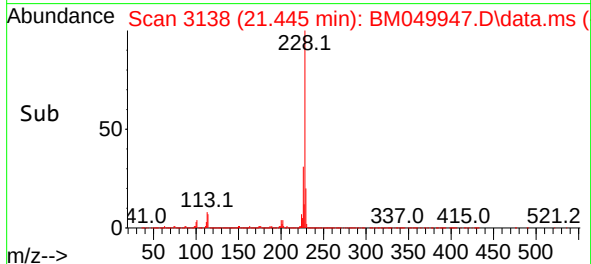
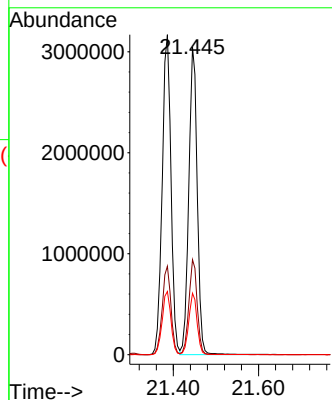
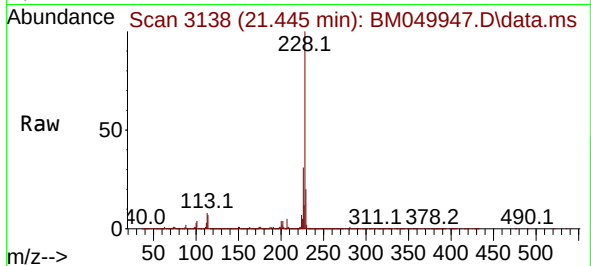




#83
Chrysene
Concen: 47.411 ng
RT: 21.445 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

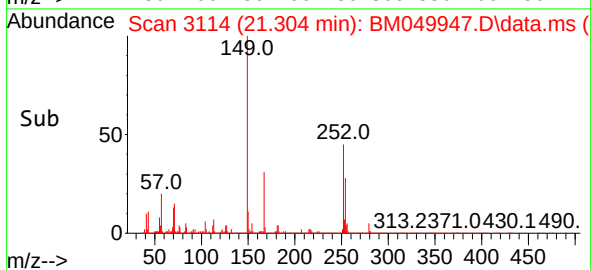
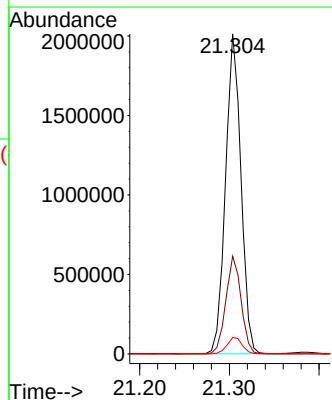
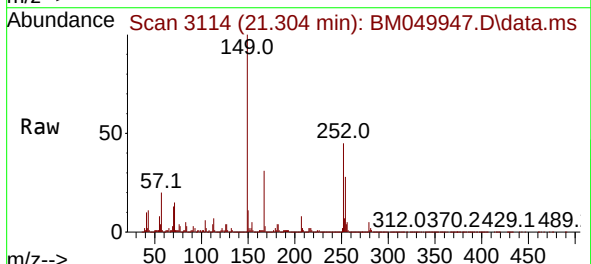
Instrument :
BNA_M
ClientSampleId :
PB167509BS

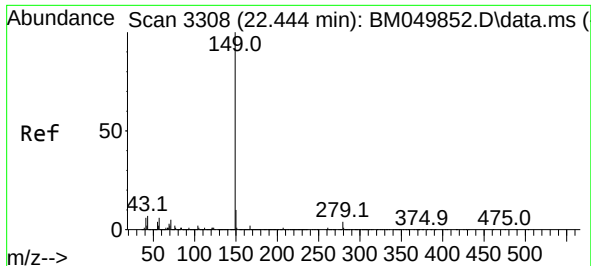
Tgt Ion:228 Resp: 4184241
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 20.0 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.429 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:149 Resp: 2394124
Ion Ratio Lower Upper
149 100
167 30.5 23.8 35.6
279 5.2 3.8 5.8

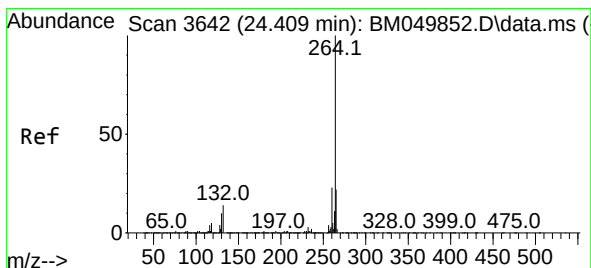
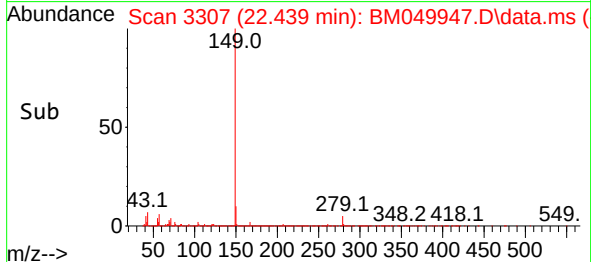
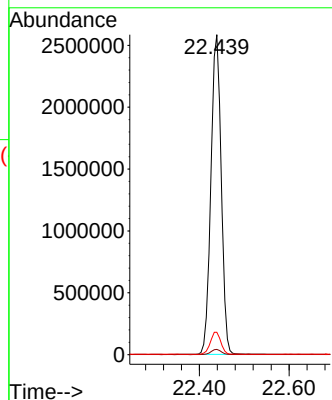
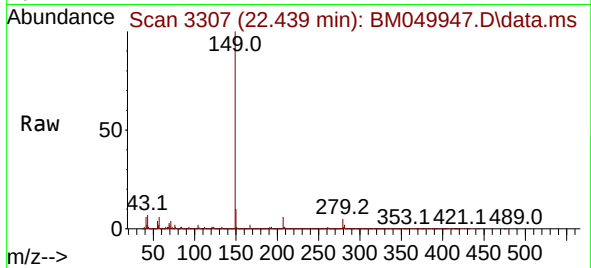




#85
Di-n-octyl phthalate
Concen: 44.642 ng
RT: 22.439 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

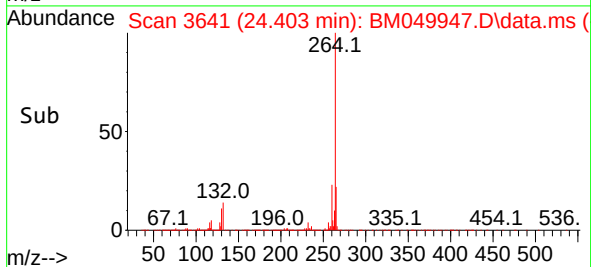
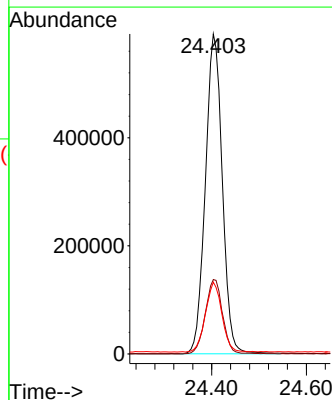
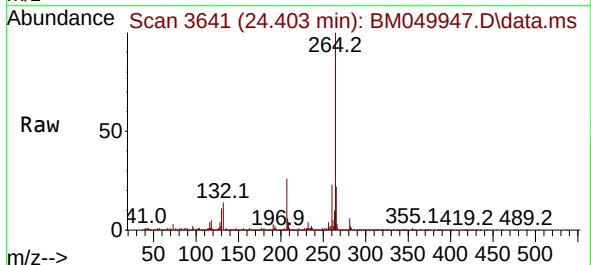
Instrument :
BNA_M
ClientSampleId :
PB167509BS

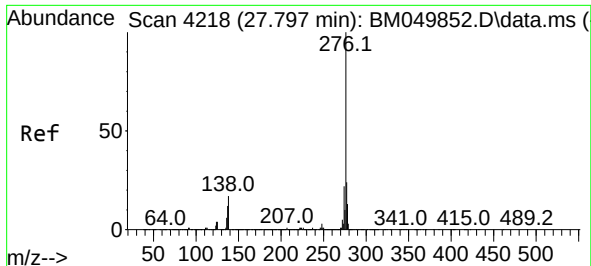
Tgt Ion:149 Resp: 4115837
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.0 5.8 8.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:264 Resp: 1468801
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 22.4 17.8 26.8

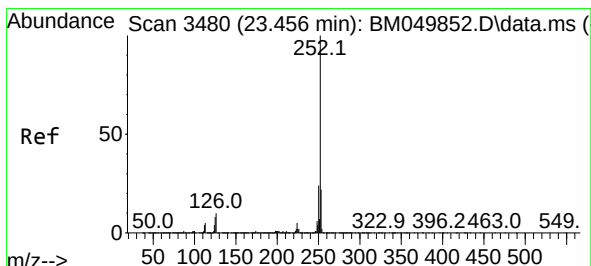
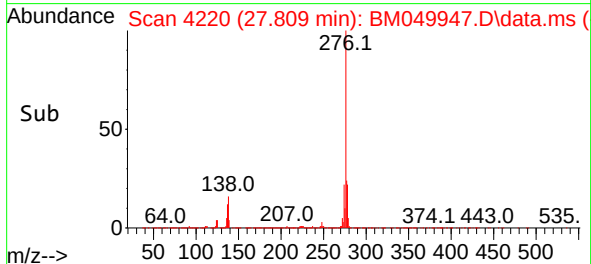
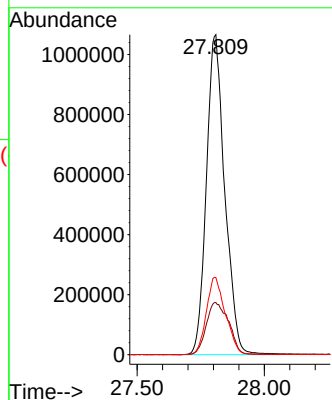
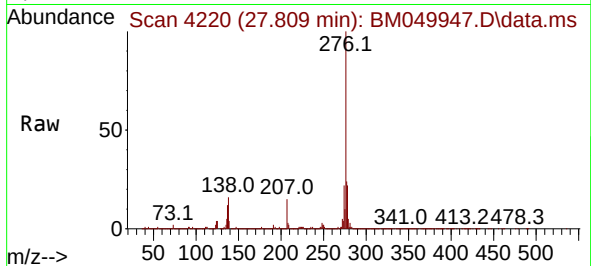




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.957 ng
RT: 27.809 min Scan# 41
Delta R.T. 0.012 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

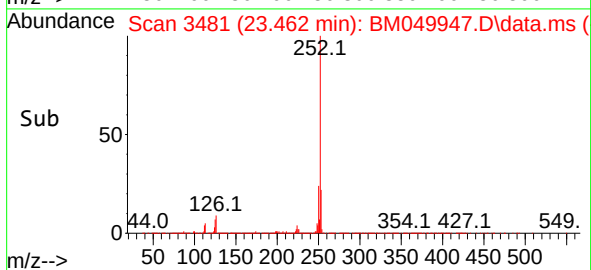
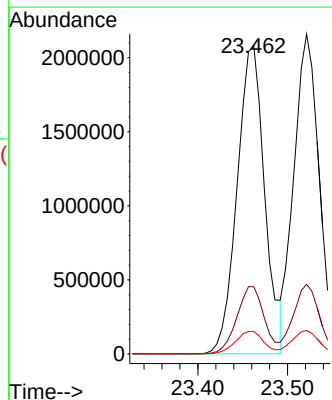
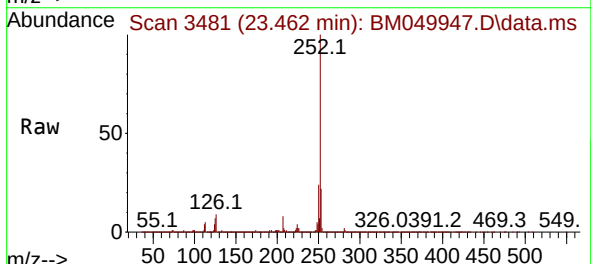
Instrument :
BNA_M
ClientSampleId :
PB167509BS

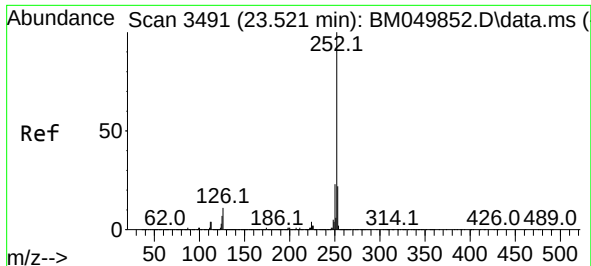
Tgt Ion:276 Resp: 5360089
Ion Ratio Lower Upper
276 100
138 19.9 16.8 25.2
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 47.297 ng
RT: 23.462 min Scan# 3481
Delta R.T. 0.006 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:252 Resp: 4436790
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 7.3 6.2 9.4

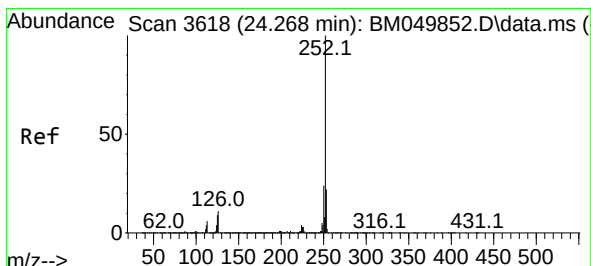
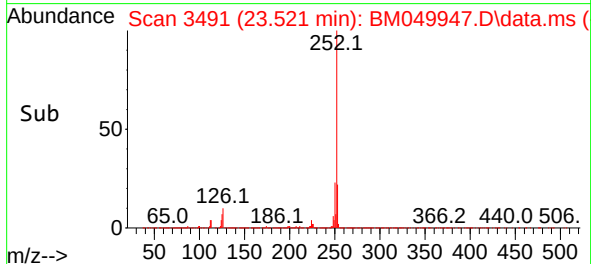
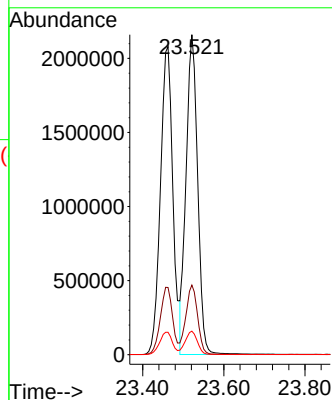
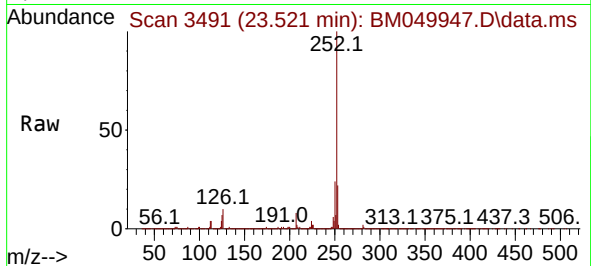




#89
Benzo(k)fluoranthene
Concen: 46.919 ng
RT: 23.521 min Scan# 3491
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

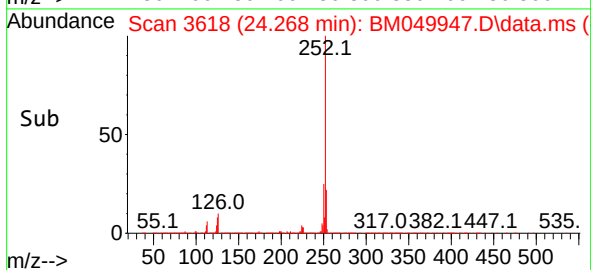
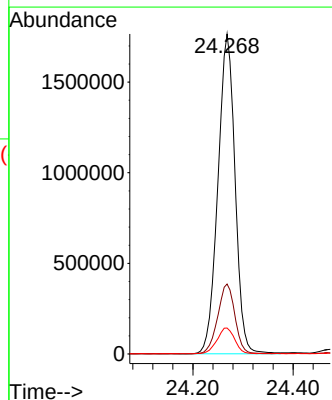
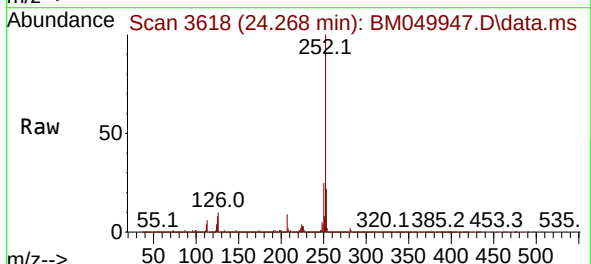
Instrument :
BNA_M
ClientSampleId :
PB167509BS

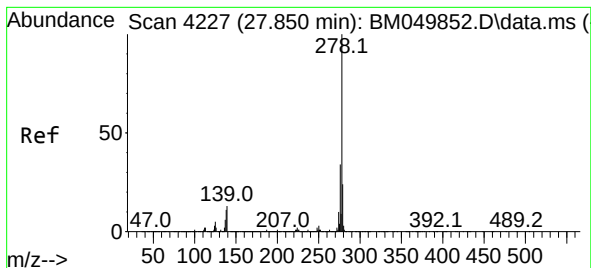
Tgt Ion:252 Resp: 4265178
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.4 5.8 8.8



#90
Benzo(a)pyrene
Concen: 50.874 ng
RT: 24.268 min Scan# 3618
Delta R.T. 0.000 min
Lab File: BM049947.D
Acq: 16 Apr 2025 11:26

Tgt Ion:252 Resp: 4193597
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.1 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 48.647 ng

RT: 27.856 min Scan# 4391

Delta R.T. 0.006 min

Lab File: BM049947.D

Acq: 16 Apr 2025 11:26

Instrument :

BNA_M

ClientSampleId :

PB167509BS

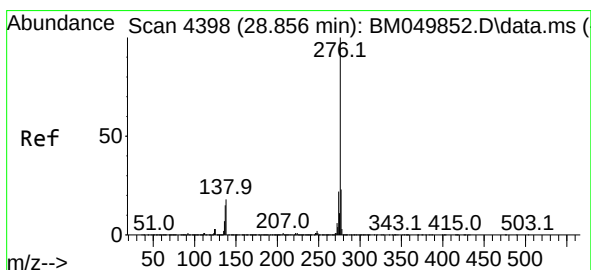
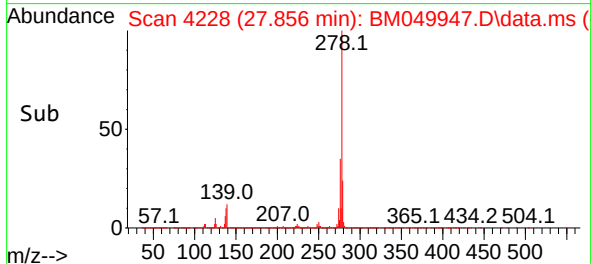
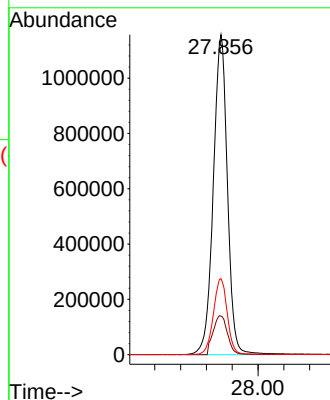
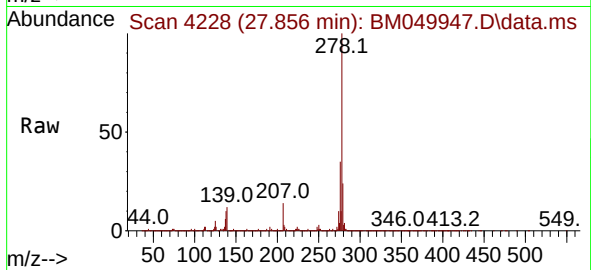
Tgt Ion:278 Resp: 4387155

Ion Ratio Lower Upper

278 100

139 12.0 10.6 15.8

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 46.184 ng

RT: 28.862 min Scan# 4399

Delta R.T. 0.006 min

Lab File: BM049947.D

Acq: 16 Apr 2025 11:26

Tgt Ion:276 Resp: 4256093

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 17.7 14.6 21.8

