

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049912.D
 Acq On : 14 Apr 2025 13:48
 Operator : RC/JU
 Sample : PB167526BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167526BS

Quant Time: Apr 14 14:35:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	368717	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	1242188	20.000	ng	-0.01
39) Acenaphthene-d10	14.415	164	772872	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1453270	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1420698	20.000	ng	0.00
86) Perylene-d12	24.391	264	1550610	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2844892	131.018	ng	0.00
7) Phenol-d6	6.951	99	3465184	128.264	ng	0.00
23) Nitrobenzene-d5	8.928	82	2008246	90.026	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1569647	139.627	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5185684	90.983	ng	-0.01
79) Terphenyl-d14	19.786	244	7797037	102.851	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.257	88	326269	36.485	ng	99
3) Pyridine	3.657	79	885163	37.674	ng	100
4) n-Nitrosodimethylamine	3.563	42	383032	42.838	ng	99
6) Aniline	7.104	93	884613	38.213	ng	100
8) 2-Chlorophenol	7.339	128	1006025	45.210	ng	99
9) Benzaldehyde	6.910	77	221456	15.974	ng	97
10) Phenol	6.981	94	1186785	45.016	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	1168225	56.506	ng	96
12) 1,3-Dichlorobenzene	7.663	146	1173179	44.593	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1180570	44.597	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1128744	45.270	ng	99
15) Benzyl Alcohol	8.016	79	709922	41.730	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1084821	47.077	ng	99
17) 2-Methylphenol	8.222	107	763917	47.020	ng	99
18) Hexachloroethane	8.851	117	413728	44.923	ng	97
19) n-Nitroso-di-n-propyla...	8.581	70	668937	44.706	ng	99
20) 3+4-Methylphenols	8.551	107	1005697	45.405	ng	100
22) Acetophenone	8.592	105	1353359	44.830	ng	100
24) Nitrobenzene	8.969	77	955965	44.505	ng	99
25) Isophorone	9.498	82	1784392	47.750	ng	99
26) 2-Nitrophenol	9.680	139	512335	45.002	ng	99
27) 2,4-Dimethylphenol	9.751	122	833490	64.601	ng	99
28) bis(2-Chloroethoxy)met...	9.980	93	1129806	45.160	ng	99
29) 2,4-Dichlorophenol	10.227	162	957946	44.666	ng	99
30) 1,2,4-Trichlorobenzene	10.433	180	1116912	45.017	ng	99
31) Naphthalene	10.616	128	2770011	43.398	ng	99
32) Benzoic acid	9.892	122	513965	34.960	ng	98
33) 4-Chloroaniline	10.763	127	896179	39.762	ng	98
34) Hexachlorobutadiene	10.904	225	715322	46.610	ng	99
35) Caprolactam	11.527	113	250195	40.675	ng	97
36) 4-Chloro-3-methylphenol	11.869	107	814051	43.333	ng	98
37) 2-Methylnaphthalene	12.233	142	1788552	39.771	ng	100
38) 1-Methylnaphthalene	12.451	142	1873723	42.767	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1245549	46.065	ng	99
41) Hexachlorocyclopentadiene	12.586	237	1882486	198.689	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	792302	46.049	ng	100

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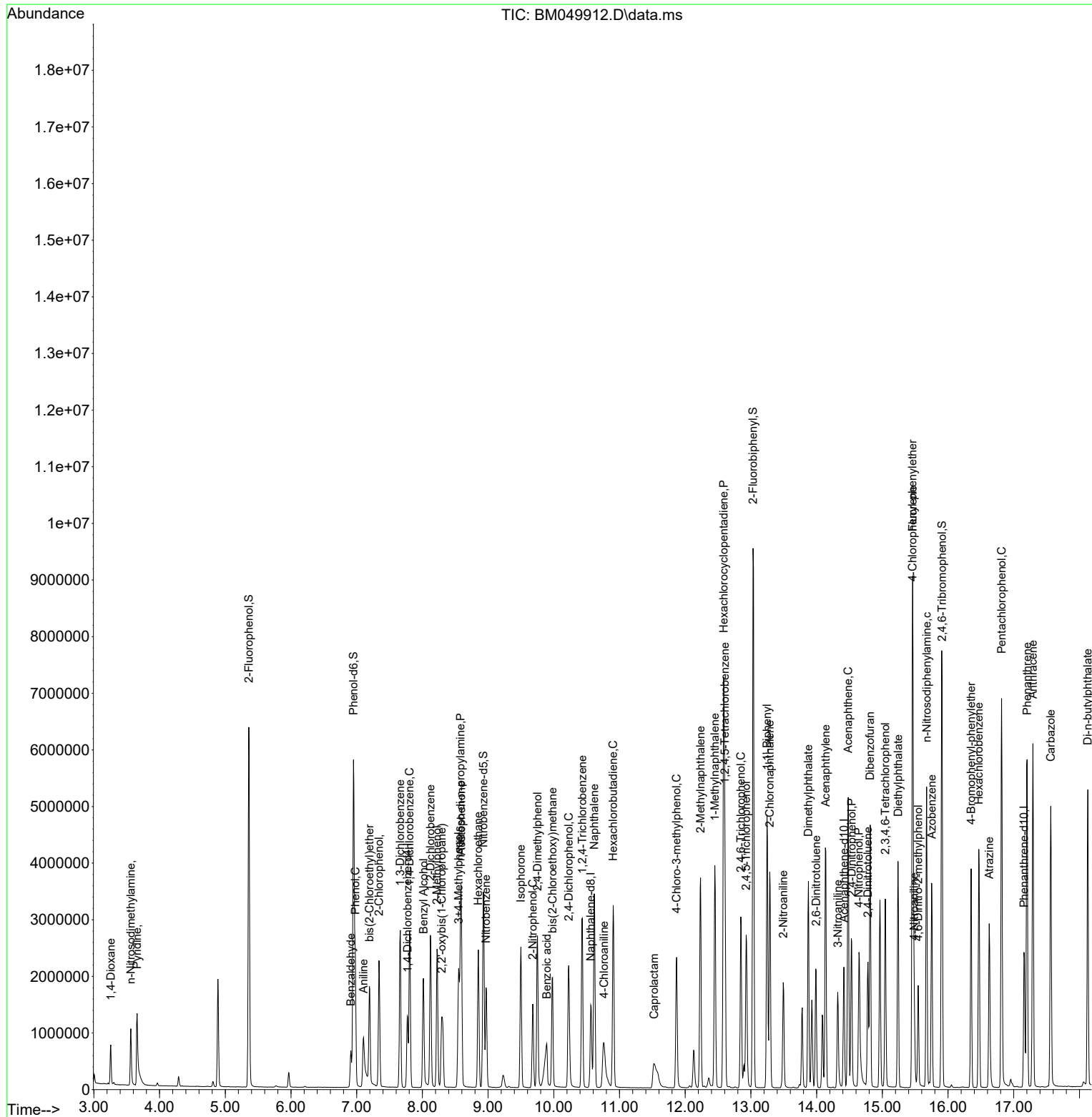
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	854409	45.696	ng	98
46) 1,1'-Biphenyl	13.245	154	2551520	44.411	ng	100
47) 2-Chloronaphthalene	13.286	162	2017627	44.680	ng	99
48) 2-Nitroaniline	13.492	65	478558	45.809	ng	98
49) Acenaphthylene	14.139	152	3167764	48.158	ng	99
50) Dimethylphthalate	13.874	163	2402290	44.058	ng	99
51) 2,6-Dinitrotoluene	13.992	165	517959	45.341	ng	96
52) Acenaphthene	14.480	154	1836001	43.881	ng	99
53) 3-Nitroaniline	14.321	138	492629	44.618	ng	98
54) 2,4-Dinitrophenol	14.533	184	699100	84.099	ng	96
55) Dibenzofuran	14.815	168	2980252	42.609	ng	99
56) 4-Nitrophenol	14.645	139	884264	89.873	ng	99
57) 2,4-Dinitrotoluene	14.780	165	722284	47.393	ng	96
58) Fluorene	15.462	166	2454604	44.149	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.045	232	716306	43.710	ng	98
60) Diethylphthalate	15.239	149	2233501	42.715	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1339158	44.926	ng	99
62) 4-Nitroaniline	15.486	138	492745	43.155	ng	98
63) Azobenzene	15.751	77	1893672	42.301	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	436297	47.642	ng	98
66) n-Nitrosodiphenylamine	15.674	169	2055687	47.267	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	789200	46.779	ng	97
68) Hexachlorobenzene	16.468	284	911622	47.109	ng	97
69) Atrazine	16.627	200	659585	58.493	ng	98
70) Pentachlorophenol	16.815	266	1282840	90.045	ng	99
71) Phenanthrene	17.203	178	3694644	46.372	ng	100
72) Anthracene	17.292	178	3744693	47.693	ng	100
73) Carbazole	17.562	167	3362776	45.471	ng	99
74) Di-n-butylphthalate	18.127	149	3783239	44.415	ng	100
75) Fluoranthene	19.215	202	4369156	44.600	ng	100
77) Benzidine	19.403	184	2025661	107.476	ng	100
78) Pyrene	19.580	202	4502419	45.984	ng	100
80) Butylbenzylphthalate	20.480	149	1678410	45.620	ng	97
81) Benzo(a)anthracene	21.380	228	4481912	47.468	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1314378	36.862	ng	99
83) Chrysene	21.439	228	4155011	46.288	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2457490	45.846	ng	99
85) Di-n-octyl phthalate	22.433	149	4221315	45.016	ng	100
87) Indeno(1,2,3-cd)pyrene	27.773	276	5613255	48.564	ng	99
88) Benzo(b)fluoranthene	23.450	252	4439545	44.830	ng	99
89) Benzo(k)fluoranthene	23.509	252	4460670	46.480	ng	99
90) Benzo(a)pyrene	24.256	252	4305245	49.473	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	4622492	48.553	ng	100
92) Benzo(g,h,i)perylene	28.838	276	4498396	46.238	ng	99

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

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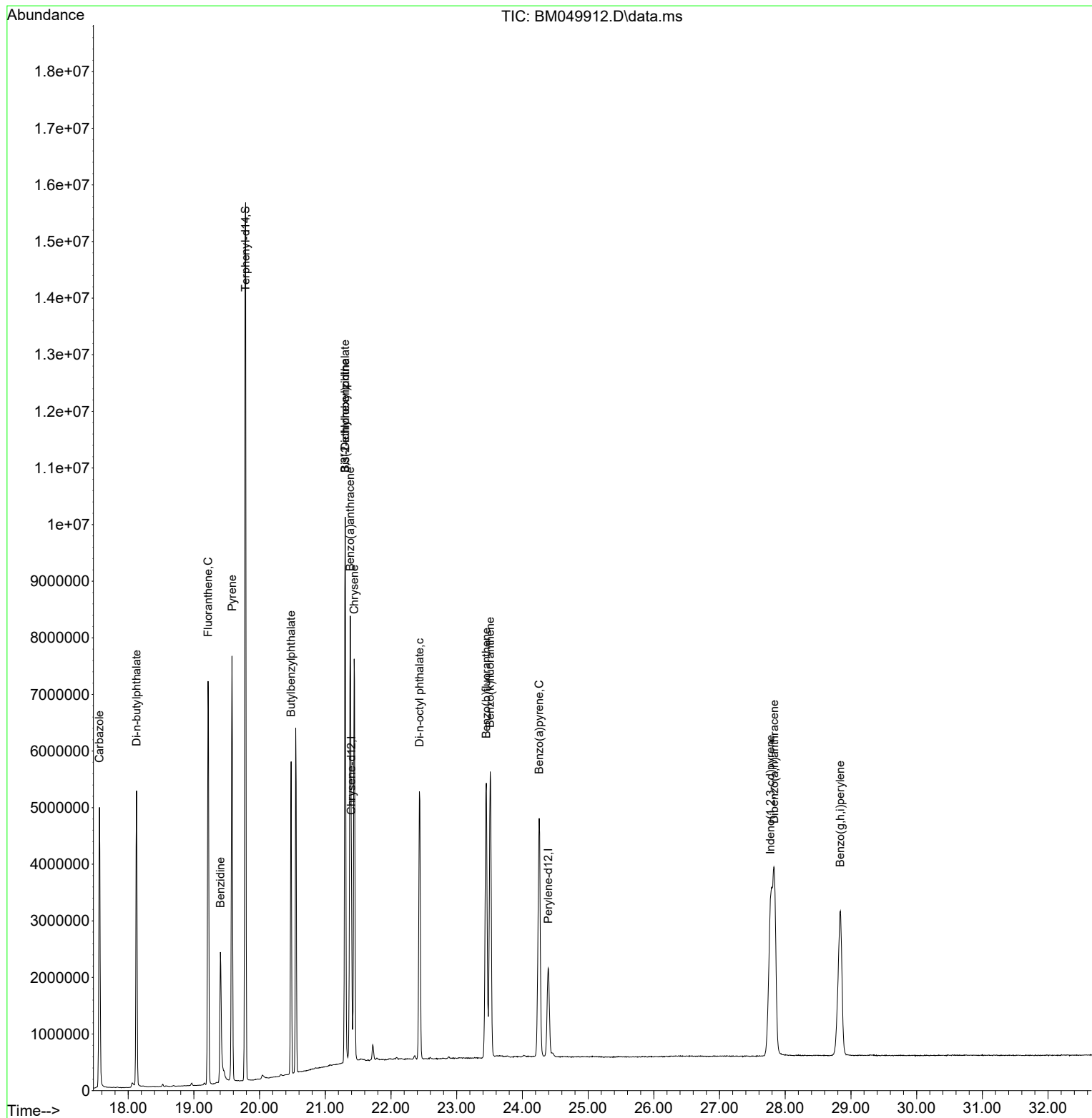
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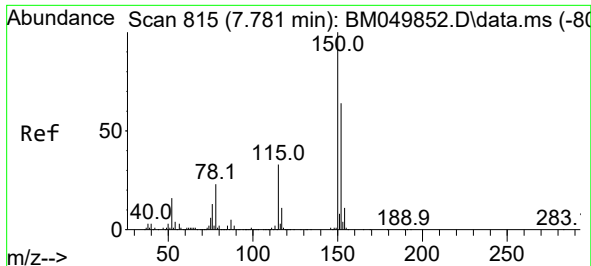


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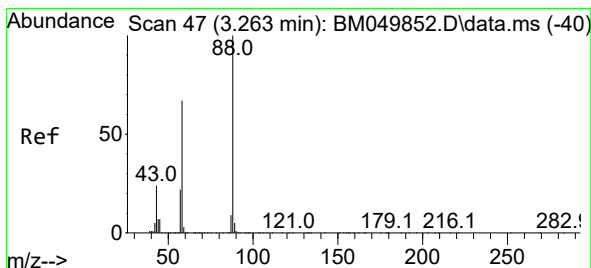
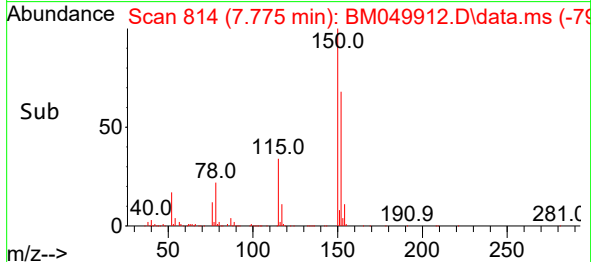
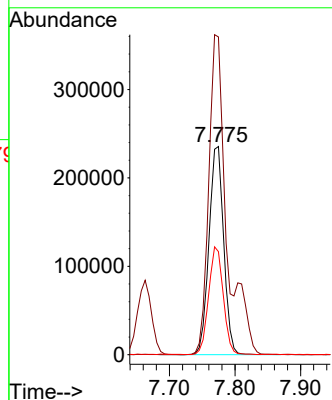
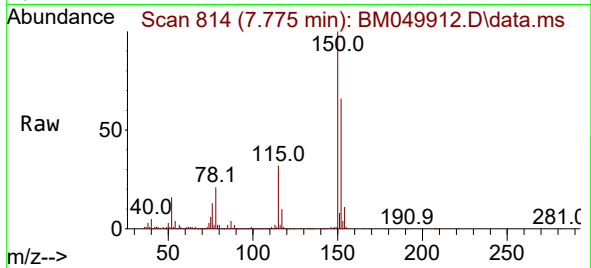




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM049912.D
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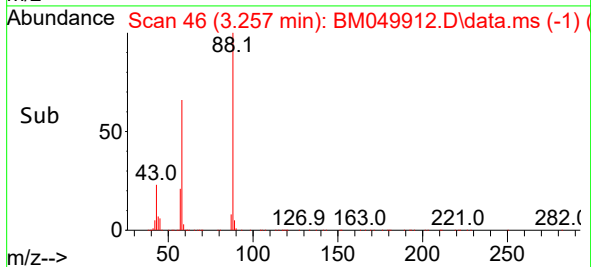
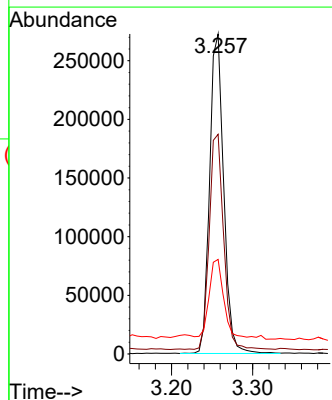
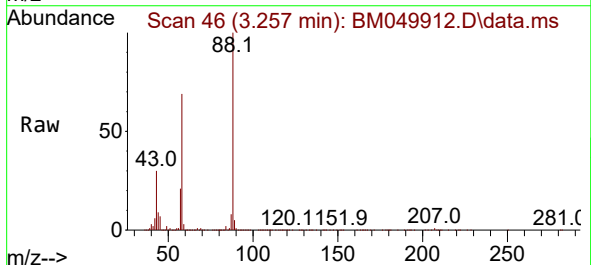
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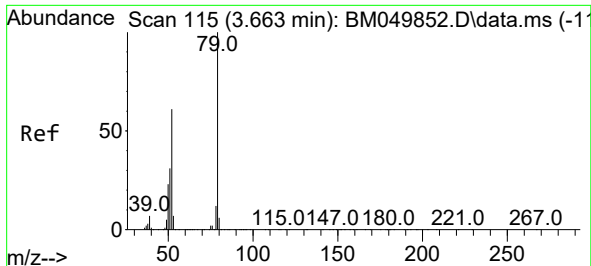
Tgt Ion:152 Resp: 368717
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.3 186.5
 115 49.5 41.1 61.7



#2
 1,4-Dioxane
 Concen: 36.485 ng
 RT: 3.257 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: BM049912.D
 Acq: 14 Apr 2025 13:48

Tgt Ion: 88 Resp: 326269
 Ion Ratio Lower Upper
 88 100
 58 68.8 54.1 81.1
 43 24.6 20.2 30.4

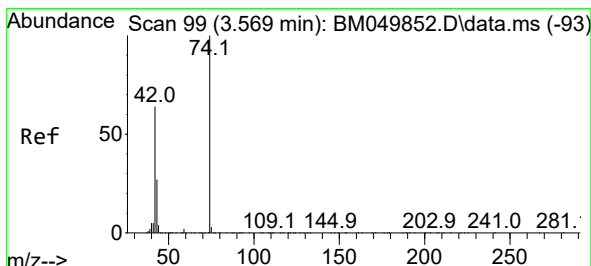
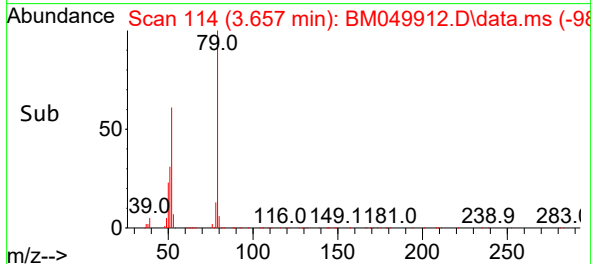
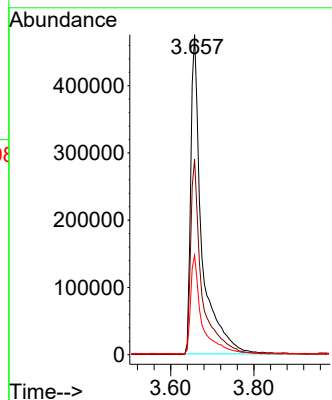
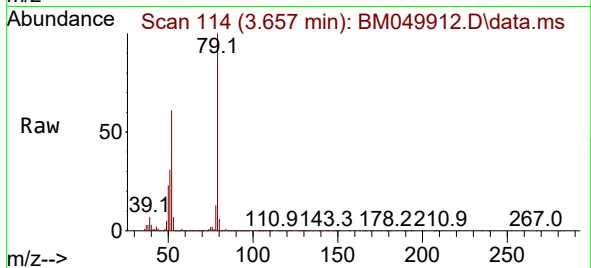




#3
 Pyridine
 Concen: 37.674 ng
 RT: 3.657 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM049912.D
 Acq: 14 Apr 2025 13:48

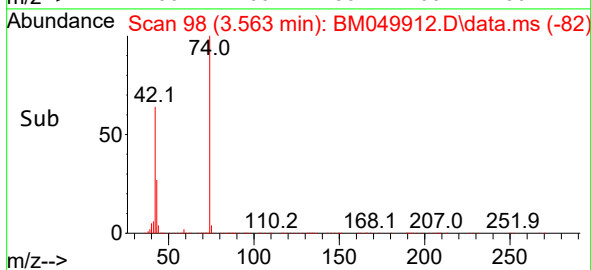
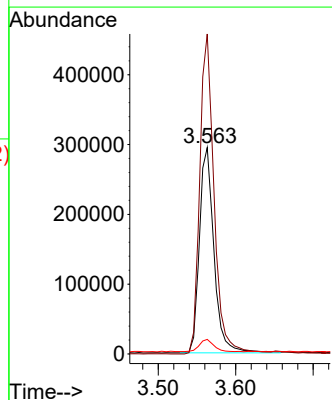
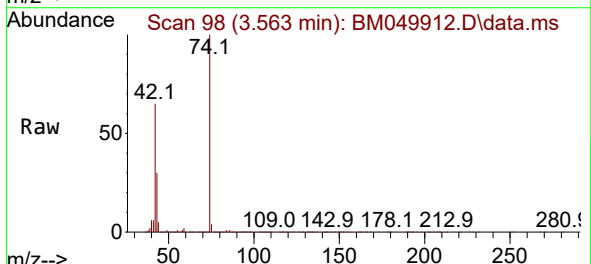
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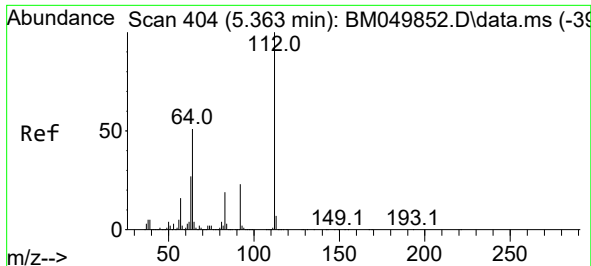
Tgt Ion: 79 Resp: 885163
 Ion Ratio Lower Upper
 79 100
 52 61.1 48.9 73.3
 51 31.0 25.0 37.6



#4
 n-Nitrosodimethylamine
 Concen: 42.838 ng
 RT: 3.563 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BM049912.D
 Acq: 14 Apr 2025 13:48

Tgt Ion: 42 Resp: 383032
 Ion Ratio Lower Upper
 42 100
 74 155.0 125.4 188.2
 44 7.0 5.9 8.9

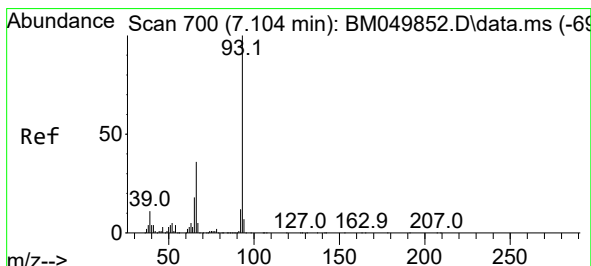
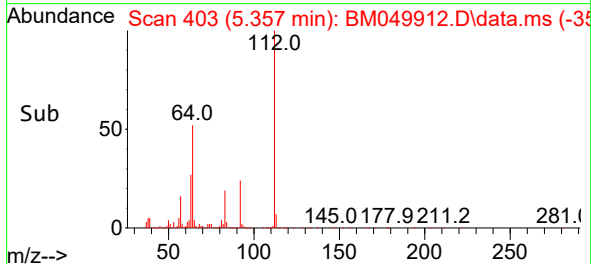
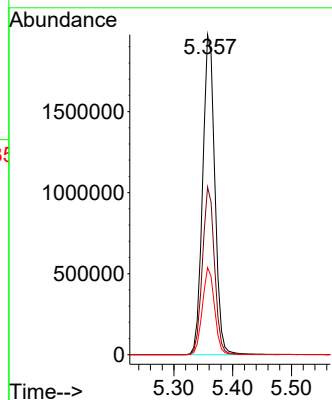
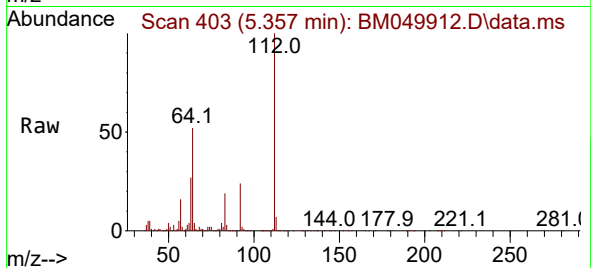




#5
2-Fluorophenol
Concen: 131.018 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

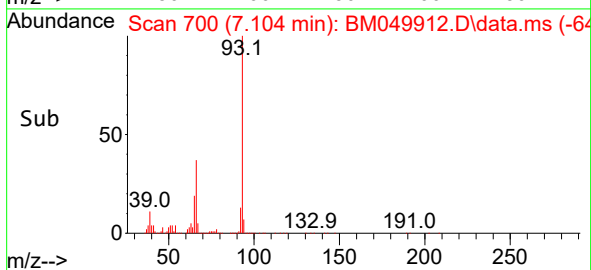
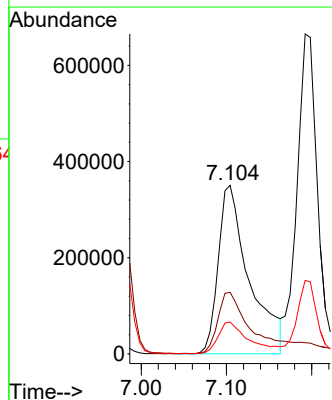
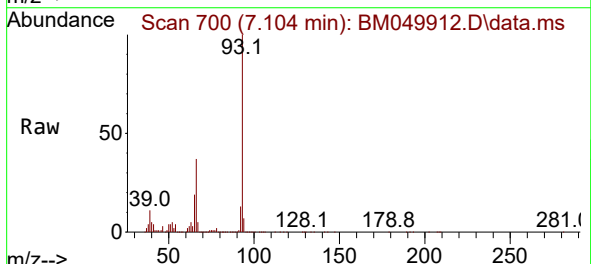
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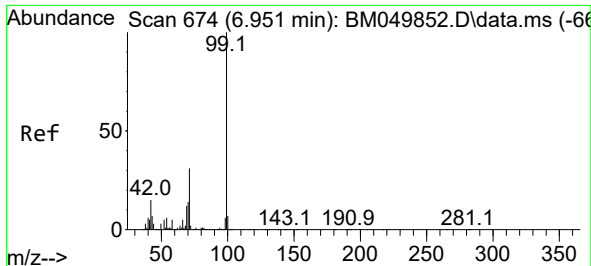
Tgt Ion:112 Resp: 2844892
Ion Ratio Lower Upper
112 100
64 52.4 41.0 61.6
63 27.2 21.5 32.3



#6
Aniline
Concen: 38.213 ng
RT: 7.104 min Scan# 700
Delta R.T. -0.000 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion: 93 Resp: 884613
Ion Ratio Lower Upper
93 100
66 36.6 29.1 43.7
65 19.0 14.9 22.3

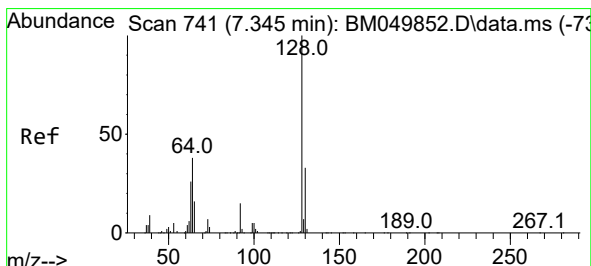
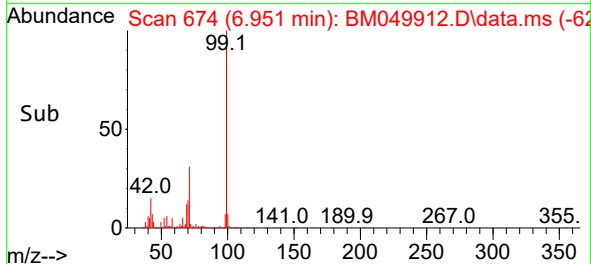
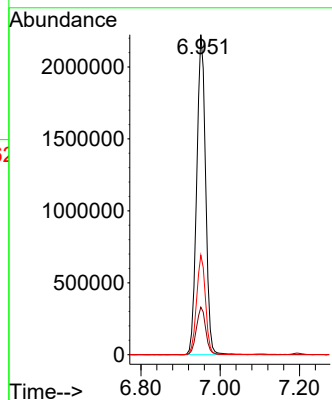
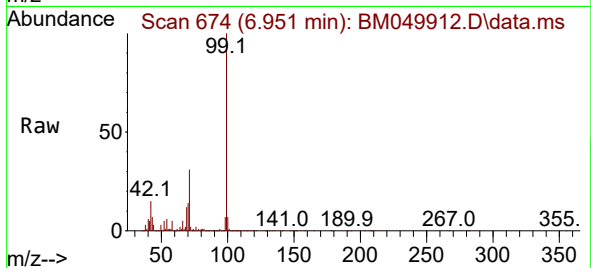




#7
Phenol-d6
Concen: 128.264 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

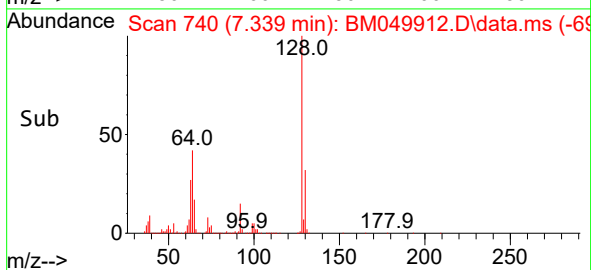
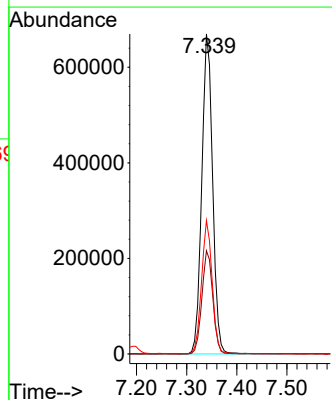
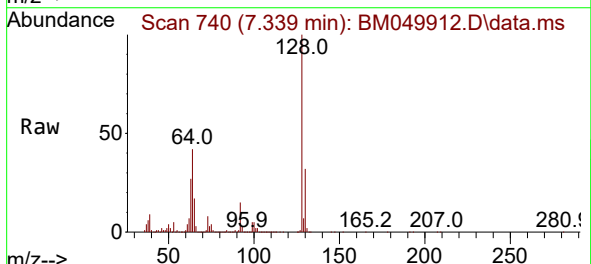
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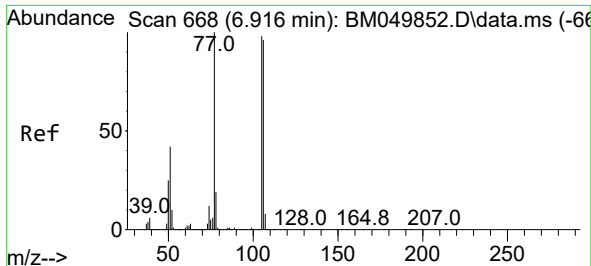
Tgt Ion: 99 Resp: 3465184
Ion Ratio Lower Upper
99 100
42 14.8 12.1 18.1
71 31.1 24.9 37.3



#8
2-Chlorophenol
Concen: 45.210 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion: 128 Resp: 1006025
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 41.7 21.1 61.1

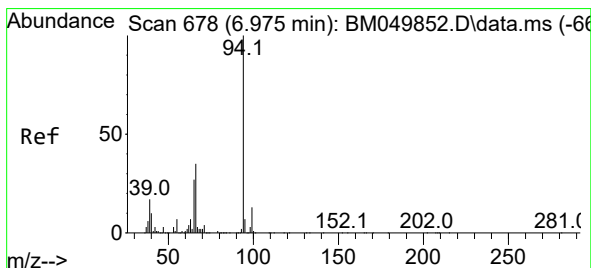
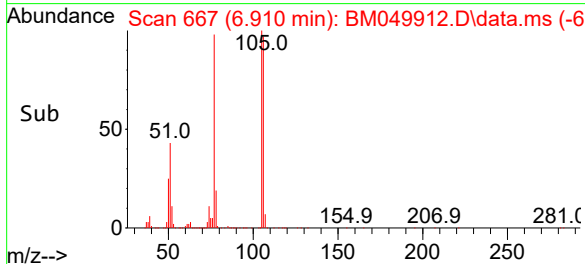
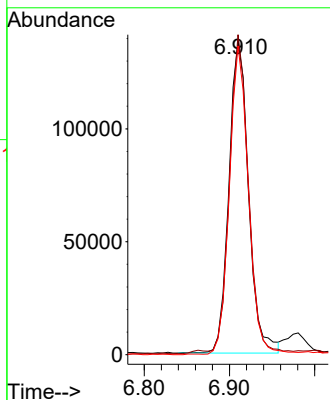
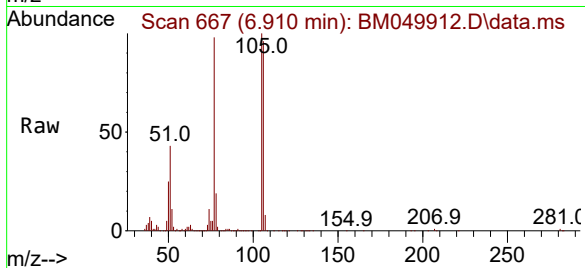




#9
Benzaldehyde
Concen: 15.974 ng
RT: 6.910 min Scan# 668
Delta R.T. -0.006 min
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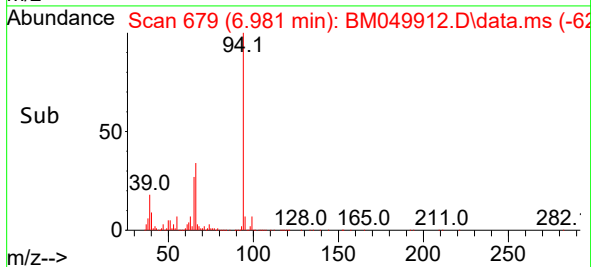
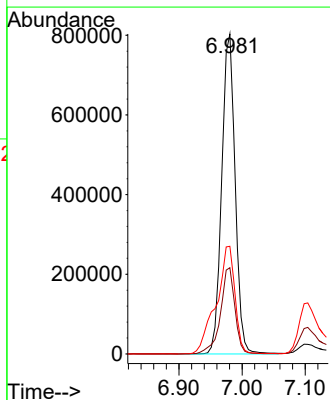
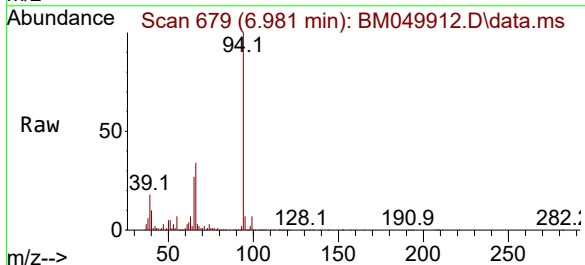
Instrument :
BNA_M
ClientSampleId :
PB167526BS

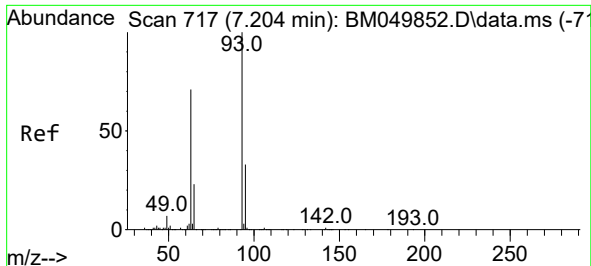
Tgt Ion: 77 Resp: 221456
Ion Ratio Lower Upper
77 100
105 102.1 78.3 118.3
106 98.5 76.0 116.0



#10
Phenol
Concen: 45.016 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion: 94 Resp: 1186785
Ion Ratio Lower Upper
94 100
65 27.0 7.3 47.3
66 33.7 14.8 54.8

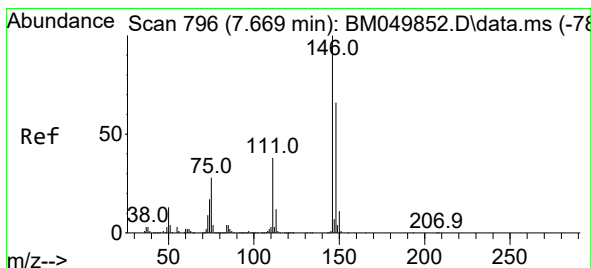
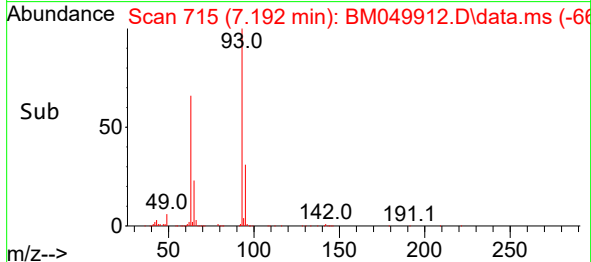
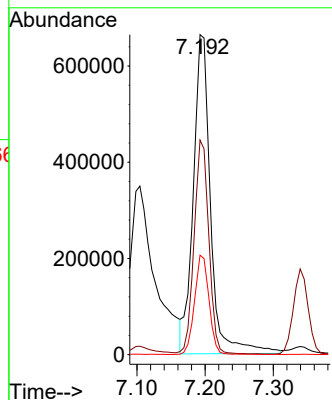
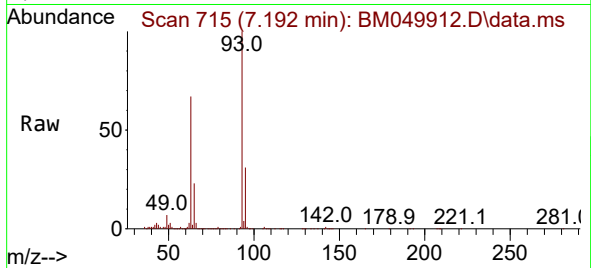




#11
bis(2-Chloroethyl)ether
Concen: 56.506 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

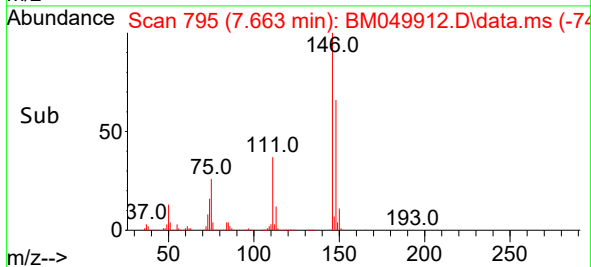
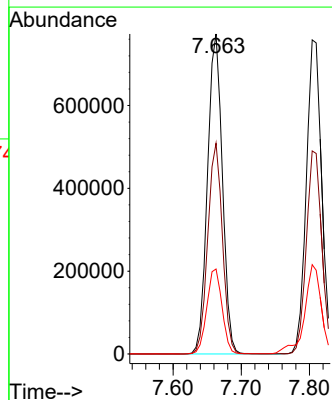
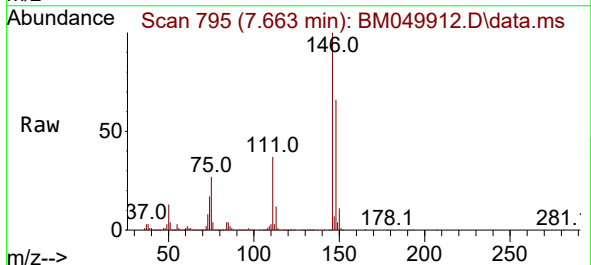
Instrument :
BNA_M
ClientSampleId :
PB167526BS

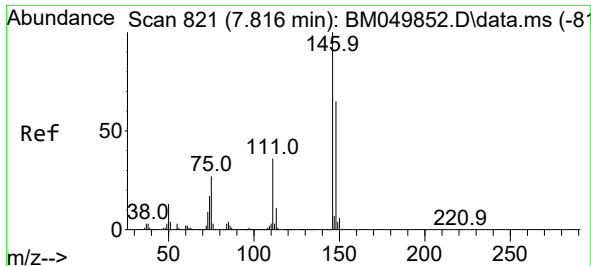
Tgt Ion: 93 Resp: 1168225
Ion Ratio Lower Upper
93 100
63 67.0 50.9 90.9
95 31.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.593 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:146 Resp: 1173179
Ion Ratio Lower Upper
146 100
148 65.9 52.5 78.7
75 26.5 22.5 33.7

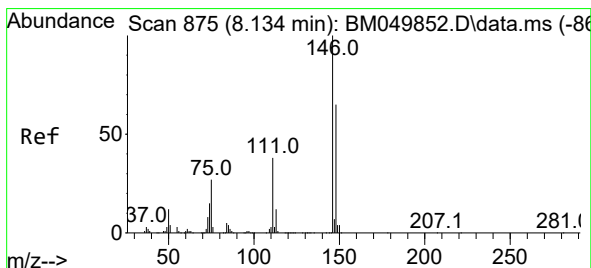
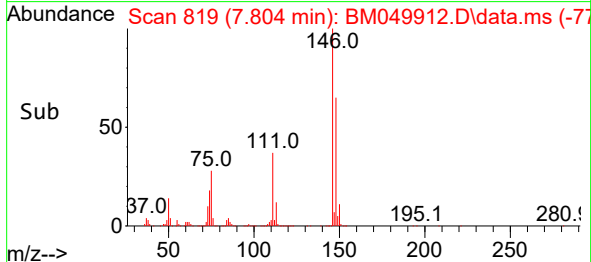
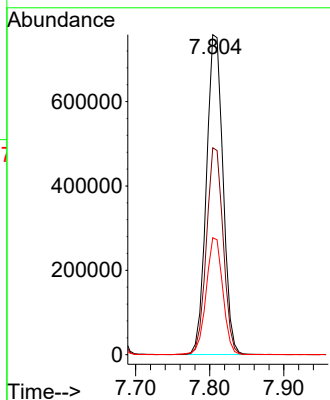
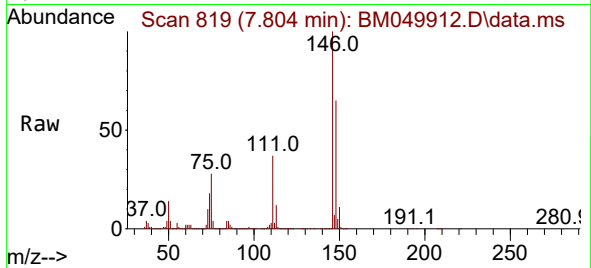




#13
 1,4-Dichlorobenzene
 Concen: 44.597 ng
 RT: 7.804 min Scan# 819
 Delta R.T. -0.012 min
 Lab File: BM049912.D
 Acq: 14 Apr 2025 13:48

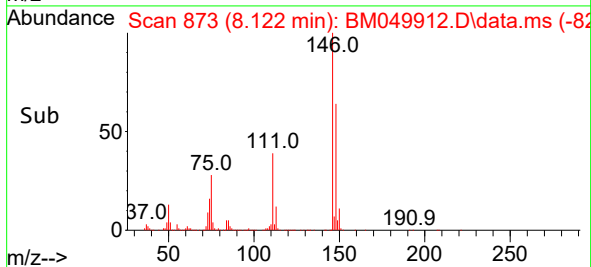
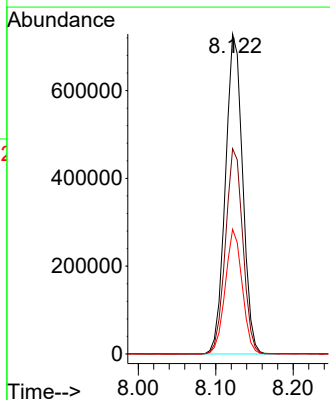
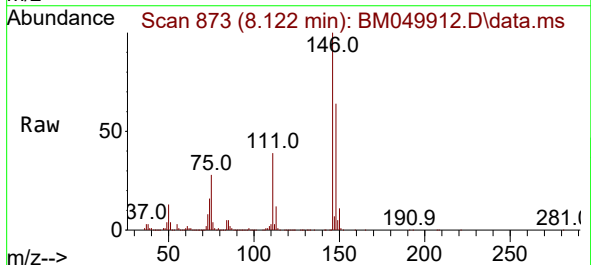
Instrument :
 BNA_M
 ClientSampleId :
 PB167526BS

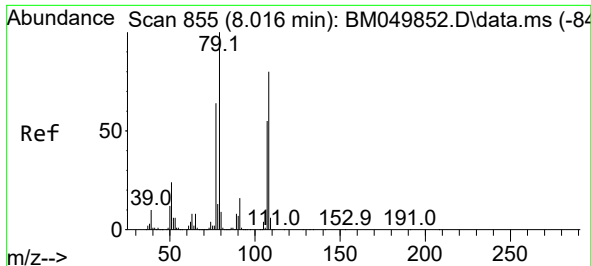
Tgt Ion:146 Resp: 1180570
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.4 78.6
 111 36.6 28.5 42.7



#14
 1,2-Dichlorobenzene
 Concen: 45.270 ng
 RT: 8.122 min Scan# 873
 Delta R.T. -0.012 min
 Lab File: BM049912.D
 Acq: 14 Apr 2025 13:48

Tgt Ion:146 Resp: 1128744
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.8
 111 39.0 30.2 45.4

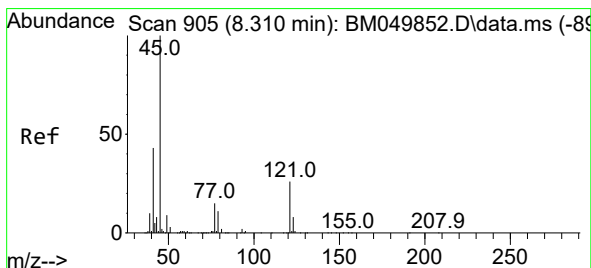
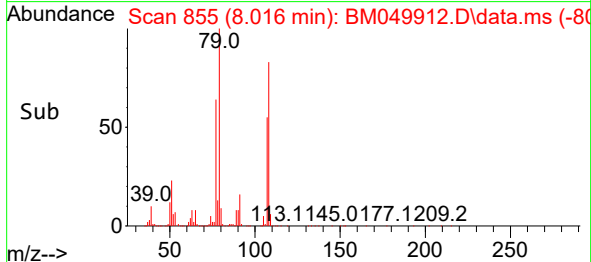
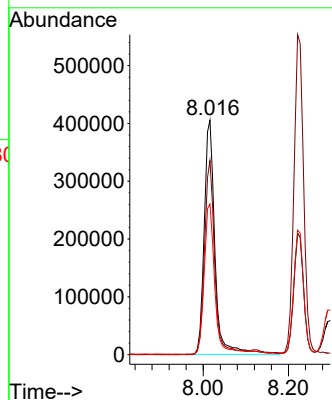
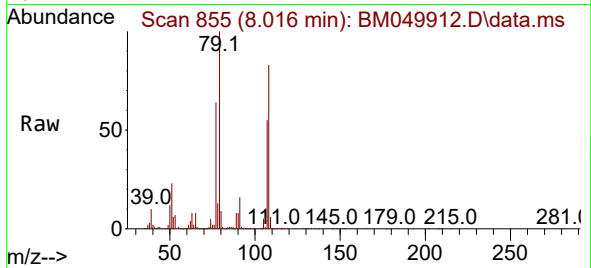




#15
Benzyl Alcohol
Concen: 41.730 ng
RT: 8.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

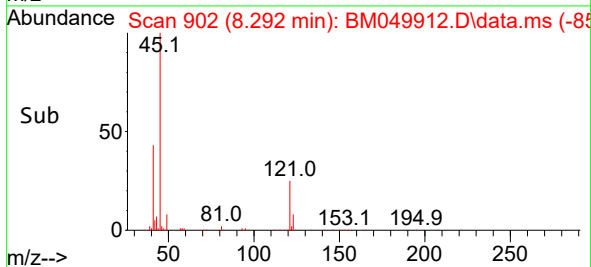
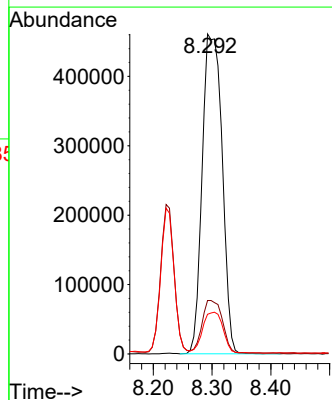
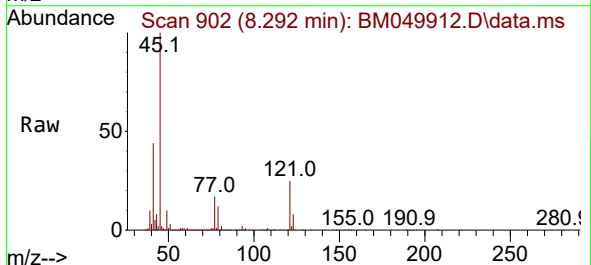
Instrument :
BNA_M
ClientSampleId :
PB167526BS

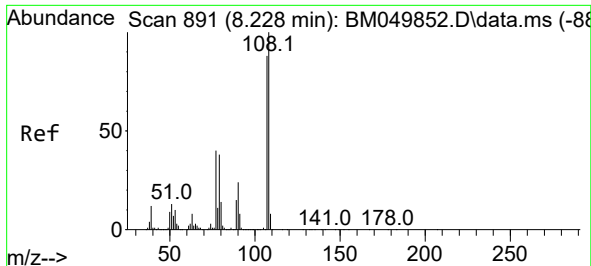
Tgt Ion: 79 Resp: 709922
Ion Ratio Lower Upper
79 100
108 82.8 63.6 95.4
77 64.3 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.077 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.018 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion: 45 Resp: 1084821
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.9
79 12.4 0.0 32.9



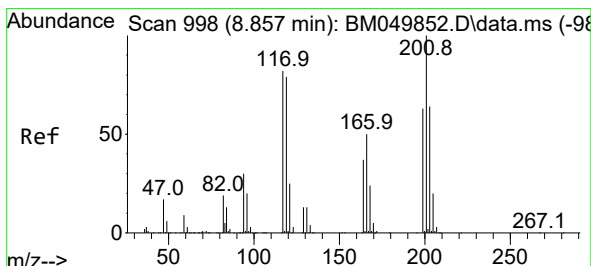
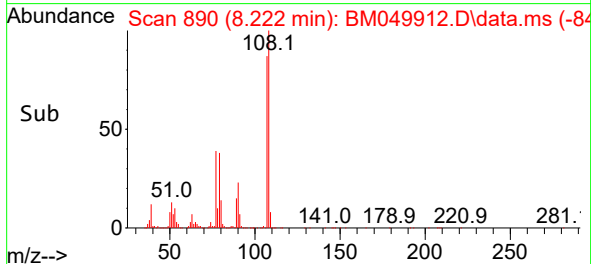
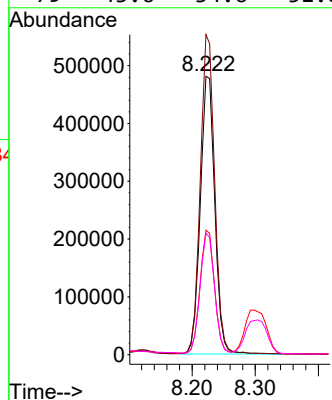
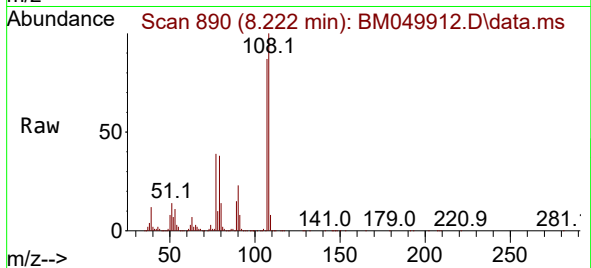


#17
2-Methylphenol
Concen: 47.020 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Instrument :
BNA_M
ClientSampleId :
PB167526BS

Tgt Ion:107 Resp: 763917

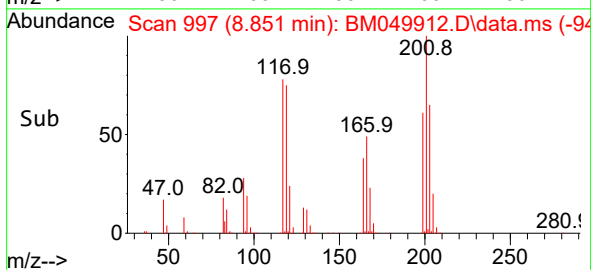
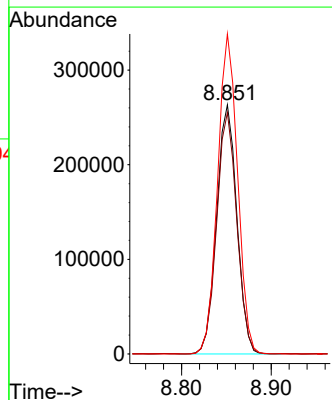
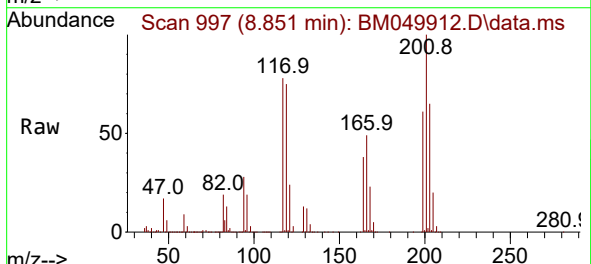
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.0	136.6
77	44.7	36.5	54.7
79	43.6	34.6	51.8

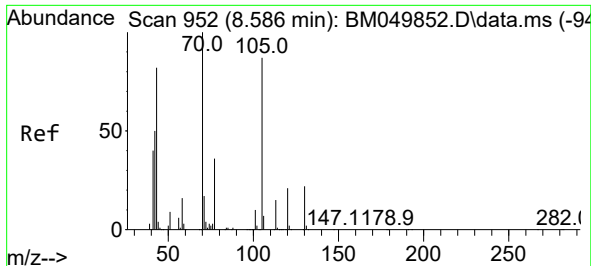


#18
Hexachloroethane
Concen: 44.923 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:117 Resp: 413728

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.5	116.3
201	128.5	97.7	146.5

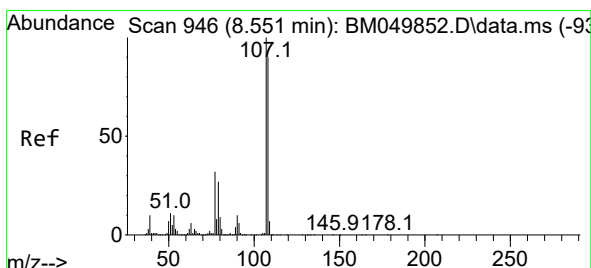
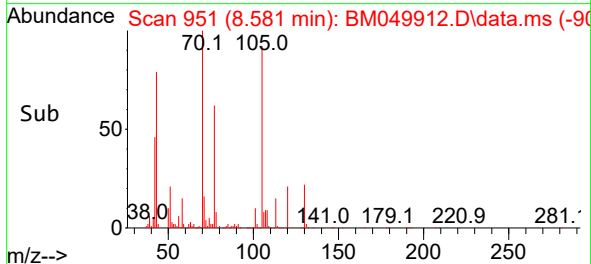
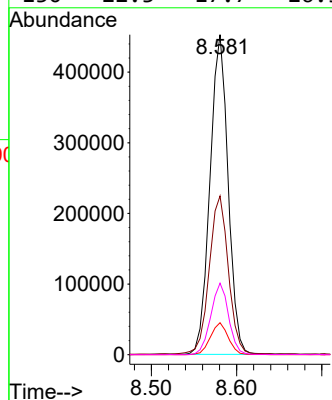
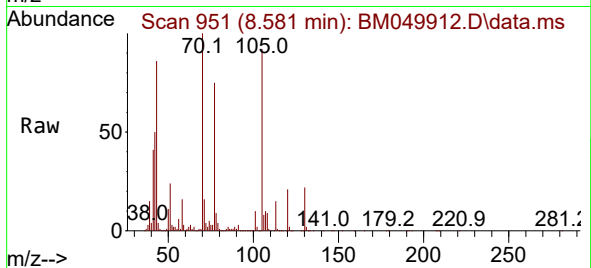




#19
n-Nitroso-di-n-propylamine
Concen: 44.706 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

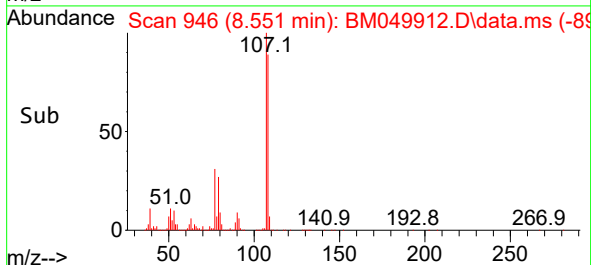
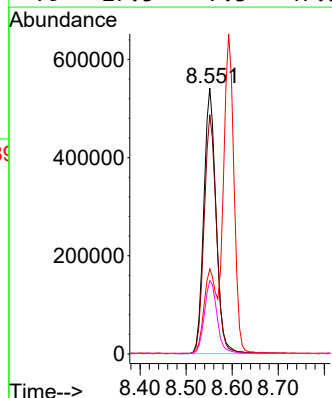
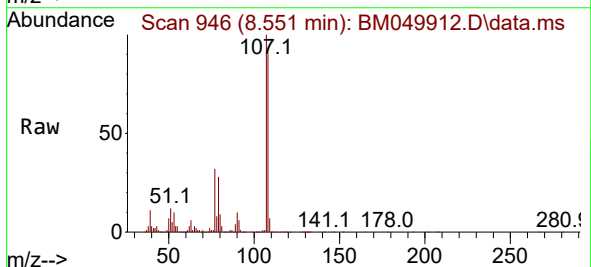
Instrument :
BNA_M
ClientSampleId :
PB167526BS

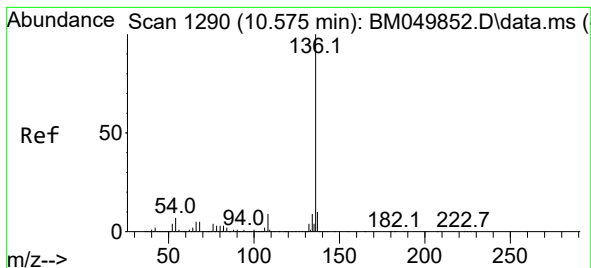
Tgt Ion: 70 Resp: 668937
Ion Ratio Lower Upper
70 100
42 49.6 40.2 60.2
101 10.0 7.9 11.9
130 22.3 17.7 26.5



#20
3+4-Methylphenols
Concen: 45.405 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion: 107 Resp: 1005697
Ion Ratio Lower Upper
107 100
108 90.0 69.6 109.6
77 31.9 11.7 51.7
79 27.5 7.3 47.3

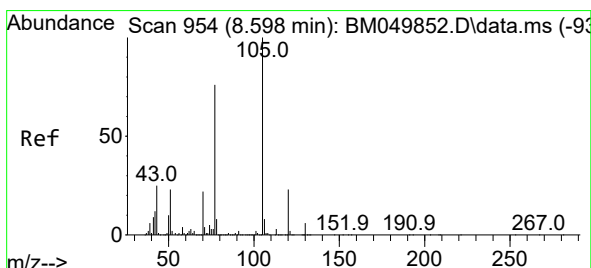
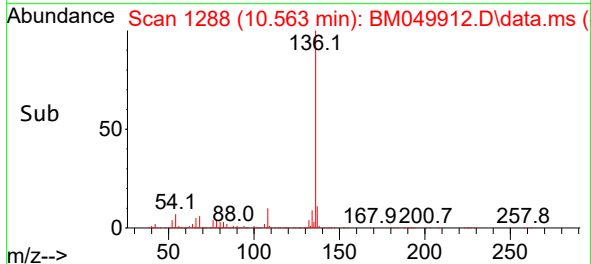
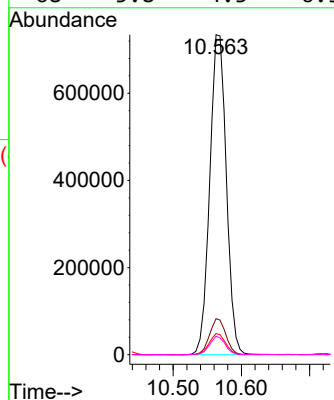
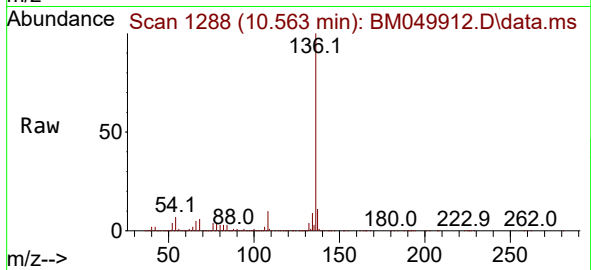




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

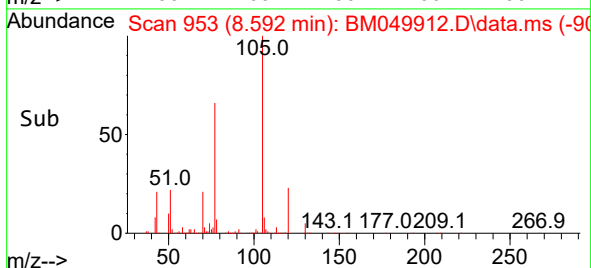
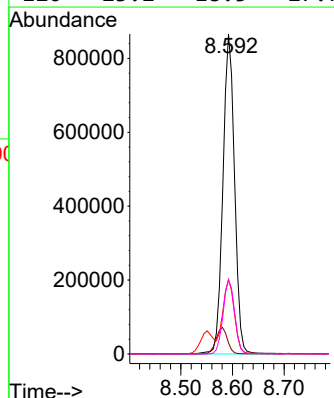
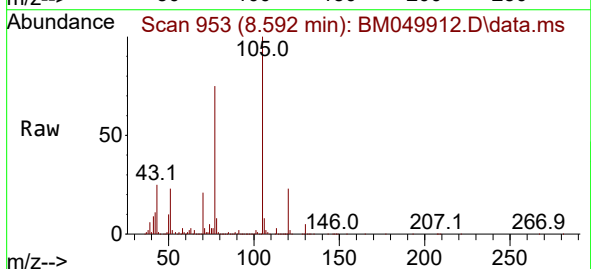
Instrument :
BNA_M
ClientSampleId :
PB167526BS

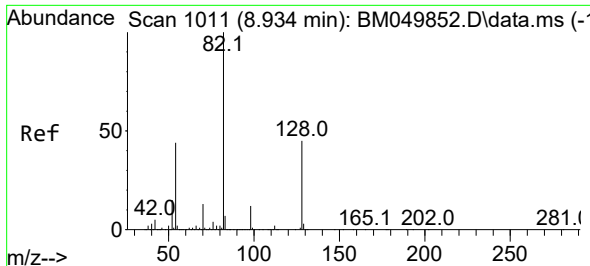
Tgt Ion:136 Resp: 1242188
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 6.6 5.3 7.9
68 5.8 4.3 6.5



#22
Acetophenone
Concen: 44.830 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:105 Resp: 1353359
Ion Ratio Lower Upper
105 100
71 3.5 3.0 4.4
51 23.3 18.6 27.8
120 23.2 18.5 27.7

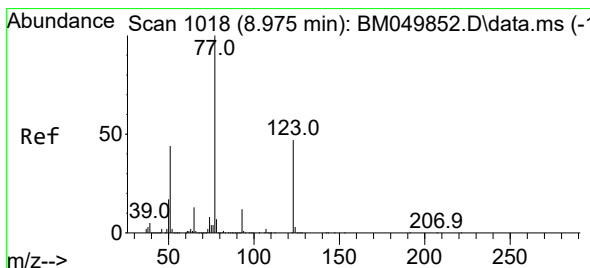
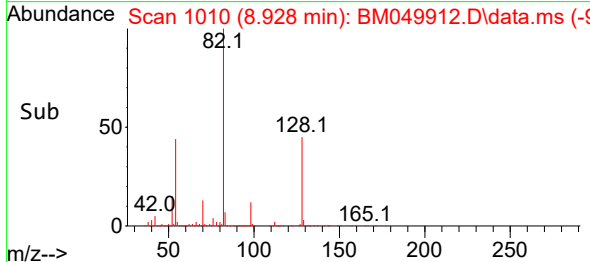
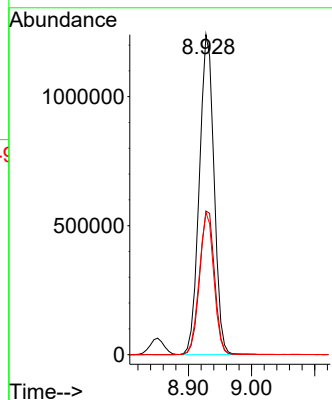
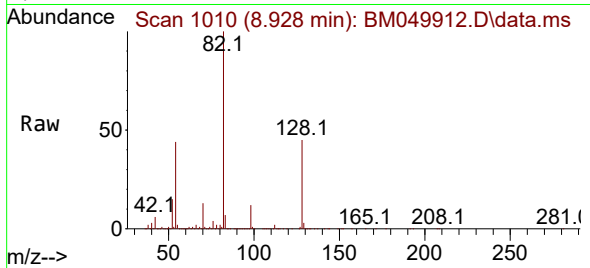




#23
Nitrobenzene-d5
Concen: 90.026 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

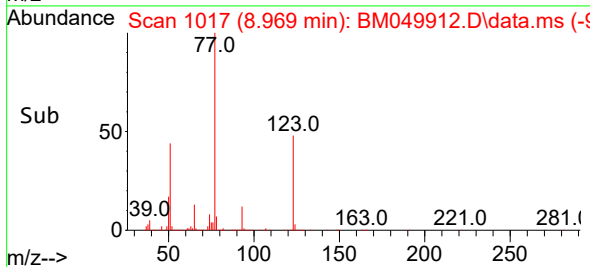
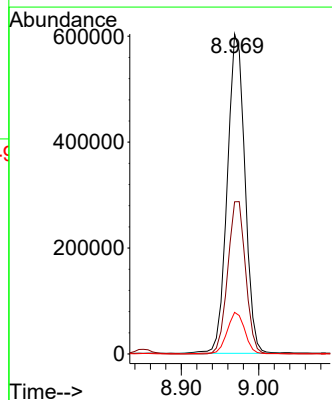
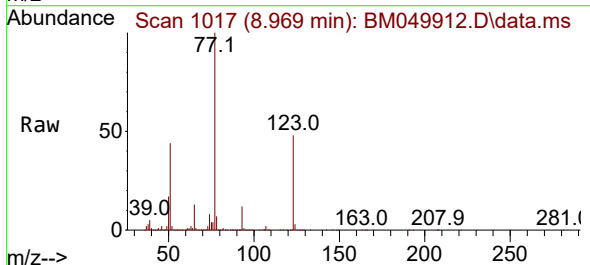
Instrument :
BNA_M
ClientSampleId :
PB167526BS

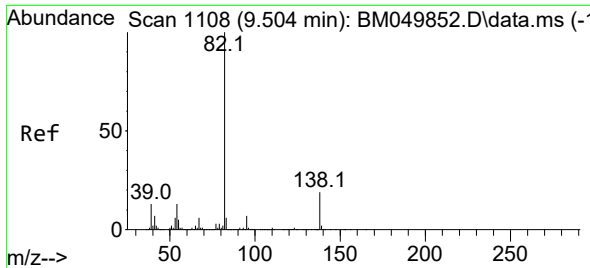
Tgt Ion: 82 Resp: 2008246
Ion Ratio Lower Upper
82 100
128 44.9 36.2 54.2
54 44.4 35.0 52.6



#24
Nitrobenzene
Concen: 44.505 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion: 77 Resp: 955965
Ion Ratio Lower Upper
77 100
123 47.6 37.4 56.2
65 13.0 10.1 15.1

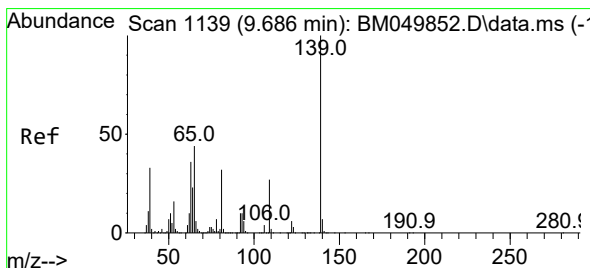
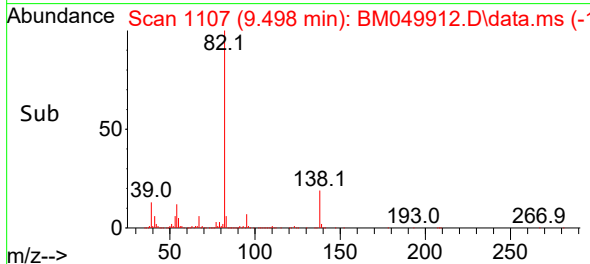
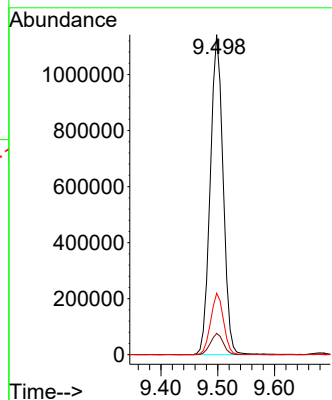
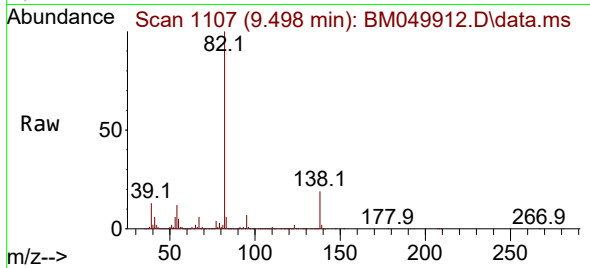




#25
Isophorone
Concen: 47.750 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

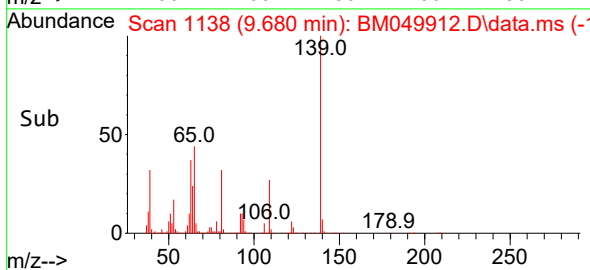
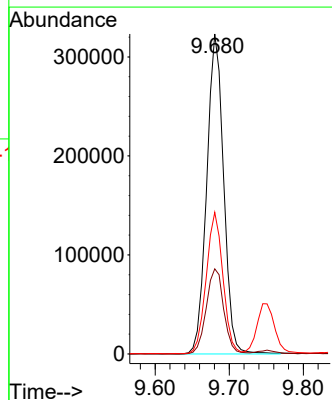
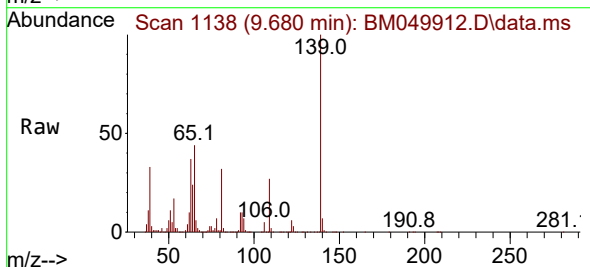
Instrument :
BNA_M
ClientSampleId :
PB167526BS

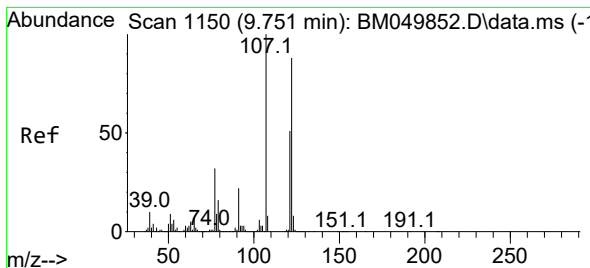
Tgt Ion: 82 Resp: 1784392
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 19.2 15.0 22.6



#26
2-Nitrophenol
Concen: 45.002 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion: 139 Resp: 512335
Ion Ratio Lower Upper
139 100
109 26.6 21.7 32.5
65 44.2 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 64.601 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

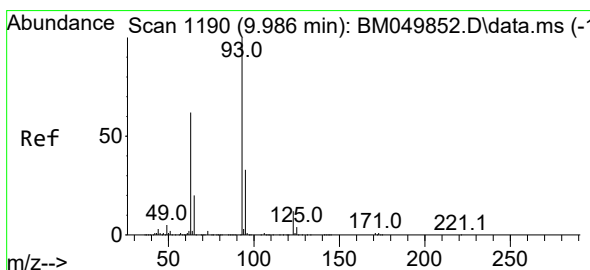
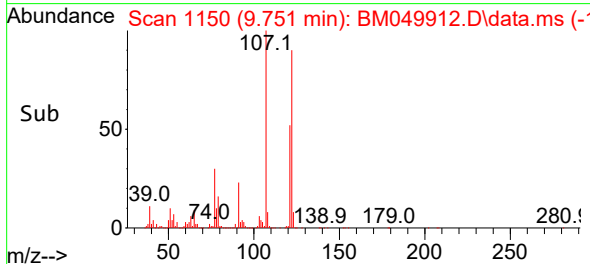
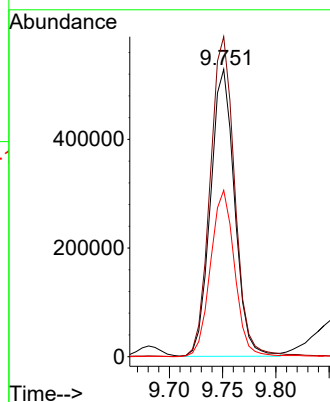
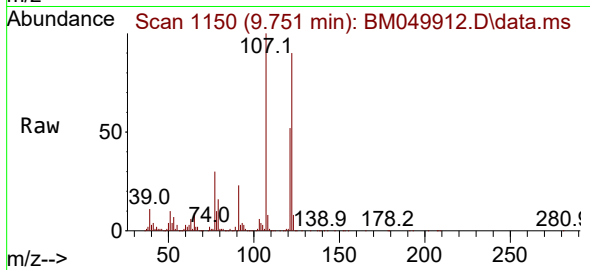
Tgt Ion:122 Resp: 833490

Ion Ratio Lower Upper

122 100

107 111.4 90.3 135.5

121 57.9 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.160 ng

RT: 9.980 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

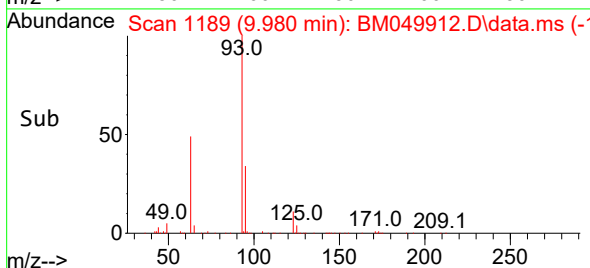
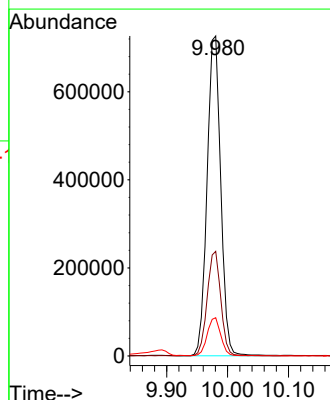
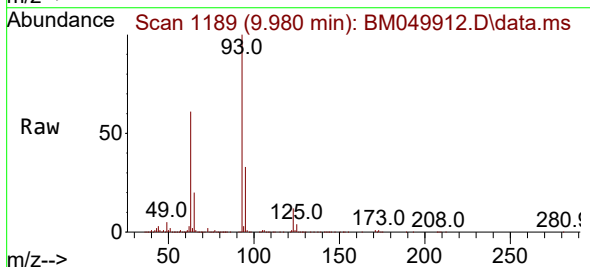
Tgt Ion: 93 Resp: 1129806

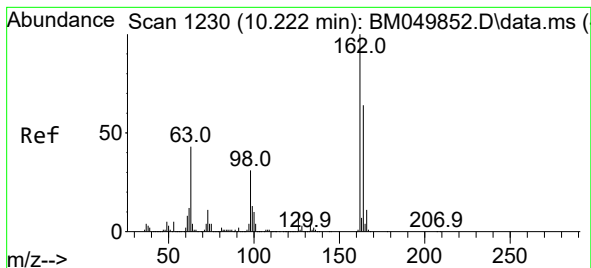
Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.666 ng

RT: 10.227 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

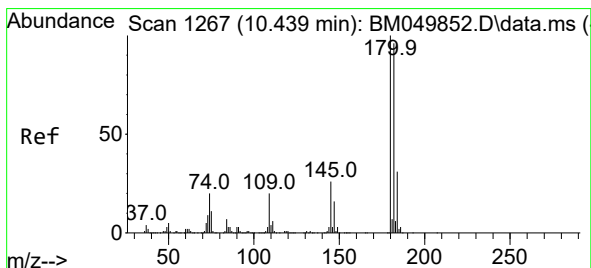
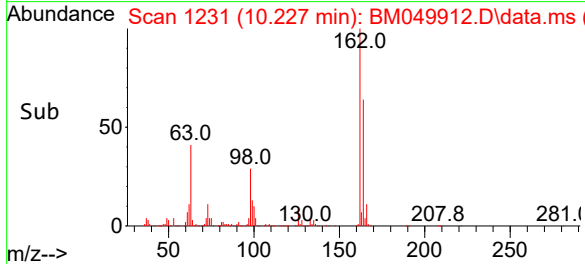
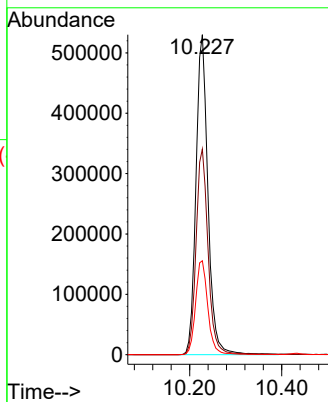
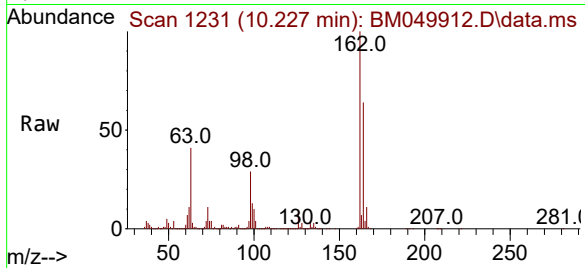
Tgt Ion:162 Resp: 957946

Ion Ratio Lower Upper

162 100

164 64.2 44.3 84.3

98 29.4 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 45.017 ng

RT: 10.433 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

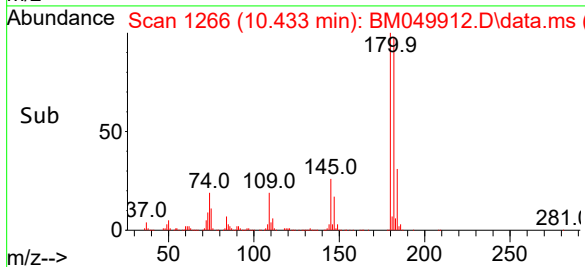
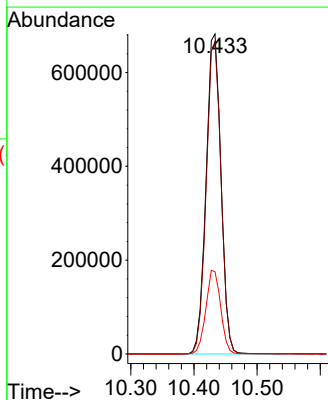
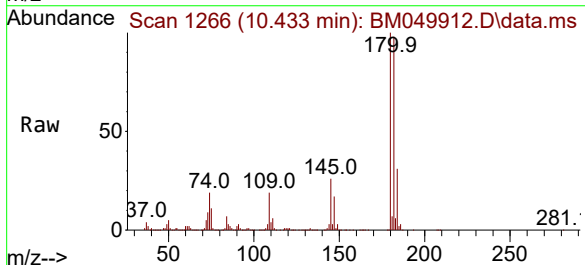
Tgt Ion:180 Resp: 1116912

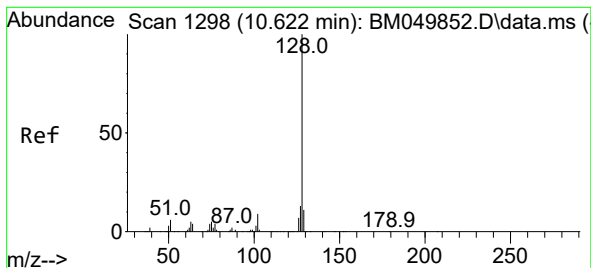
Ion Ratio Lower Upper

180 100

182 97.6 76.7 115.1

145 25.7 20.8 31.2





#31

Naphthalene

Concen: 43.398 ng

RT: 10.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

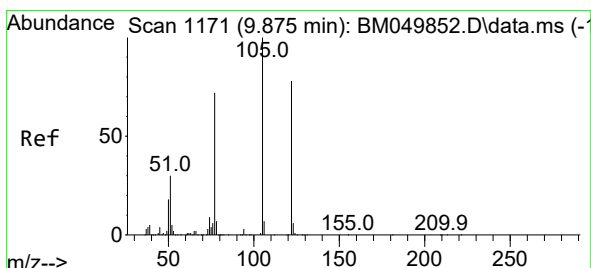
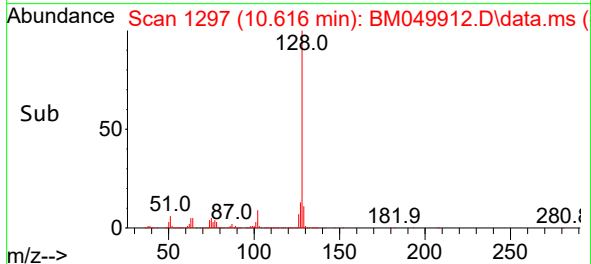
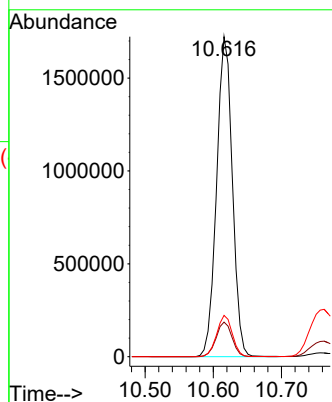
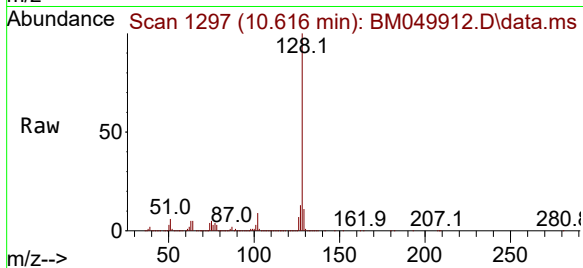
Tgt Ion:128 Resp: 2770011

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 12.9 10.6 15.8



#32

Benzoic acid

Concen: 34.960 ng

RT: 9.892 min Scan# 1174

Delta R.T. 0.017 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

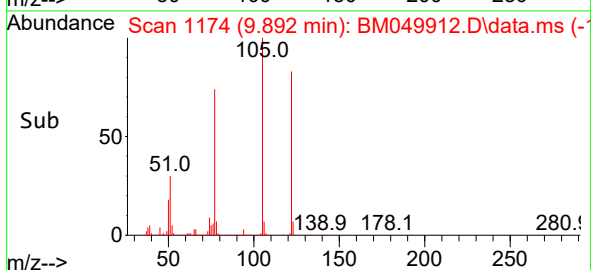
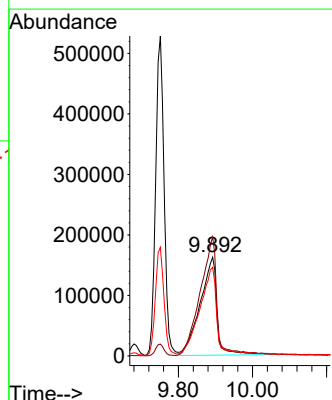
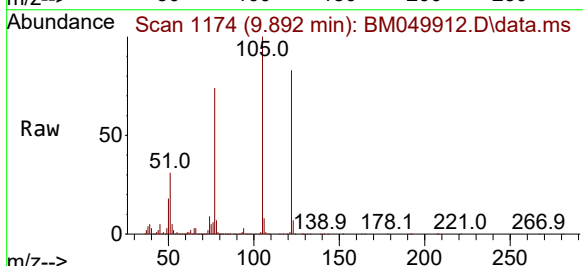
Tgt Ion:122 Resp: 513965

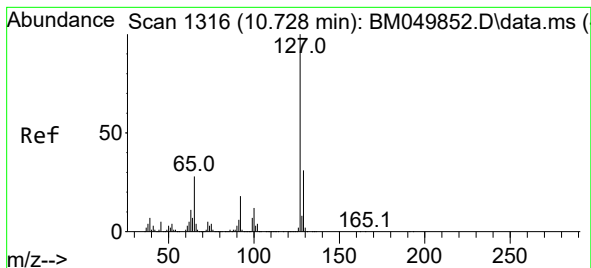
Ion Ratio Lower Upper

122 100

105 120.6 103.8 143.8

77 89.8 70.7 110.7

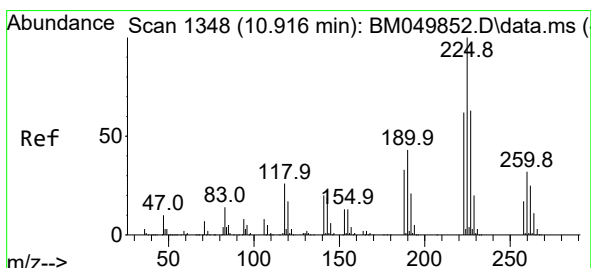
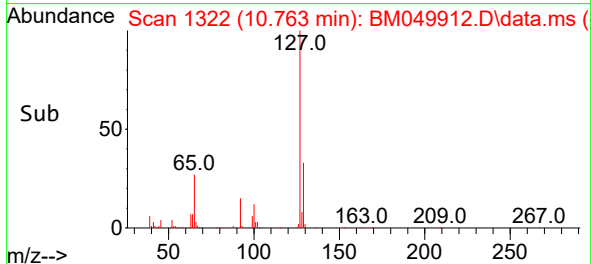
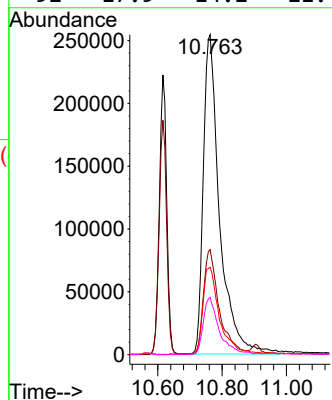
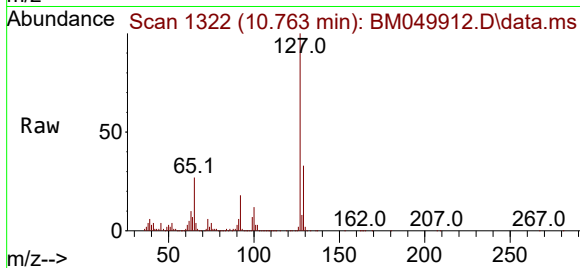




#33
4-Chloroaniline
Concen: 39.762 ng
RT: 10.763 min Scan# 11
Delta R.T. 0.035 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

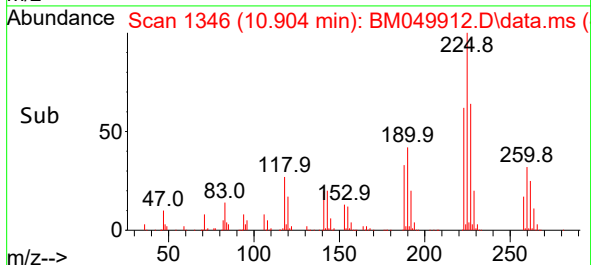
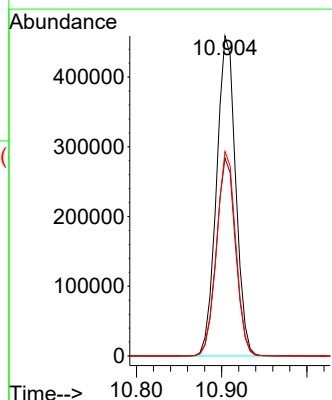
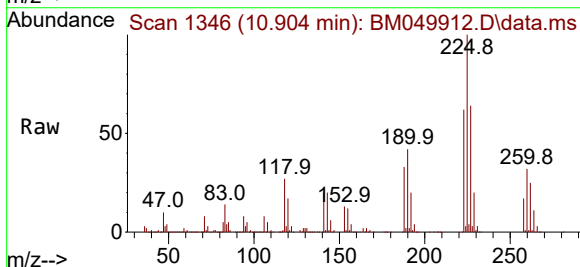
Instrument :
BNA_M
ClientSampleId :
PB167526BS

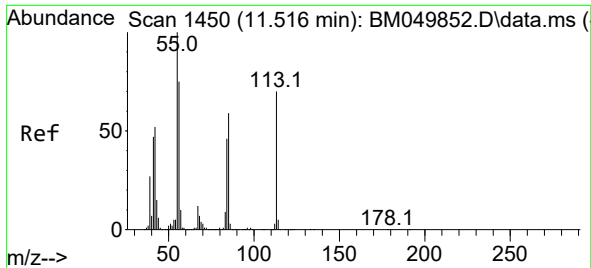
Tgt Ion:	127	Resp:	896179
Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.9	37.3
65	27.3	22.4	33.6
92	17.9	14.2	21.4



#34
Hexachlorobutadiene
Concen: 46.610 ng
RT: 10.904 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:	225	Resp:	715322
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.4	74.2
227	63.9	50.1	75.1

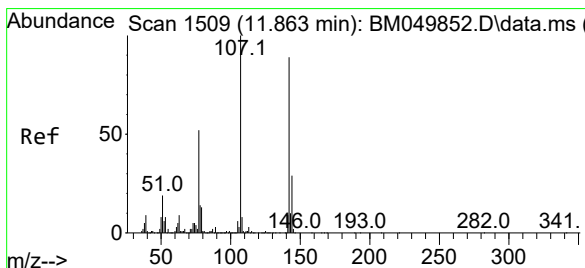
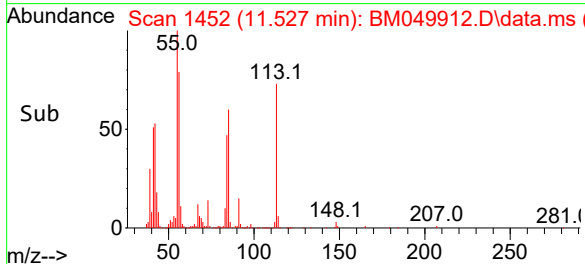
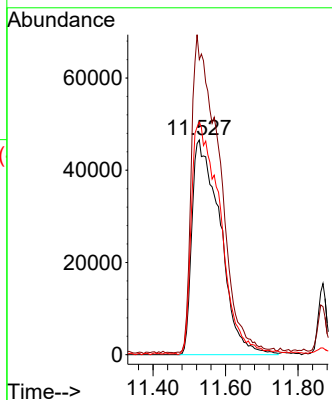
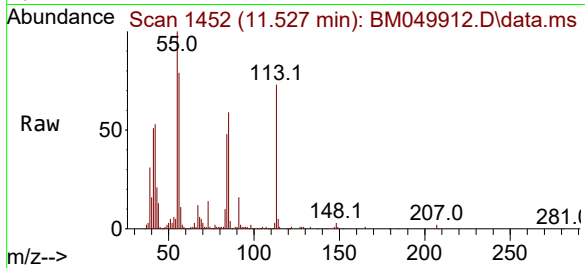




#35
Caprolactam
Concen: 40.675 ng
RT: 11.527 min Scan# 1452
Delta R.T. 0.012 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

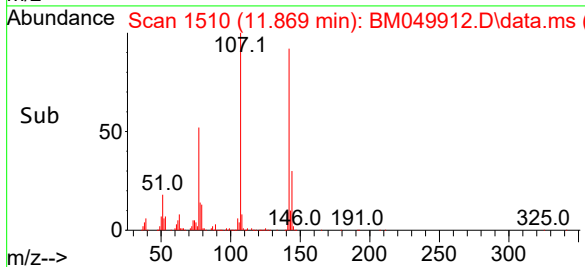
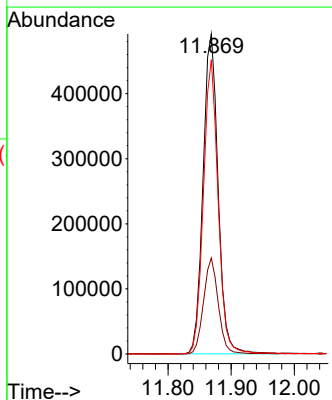
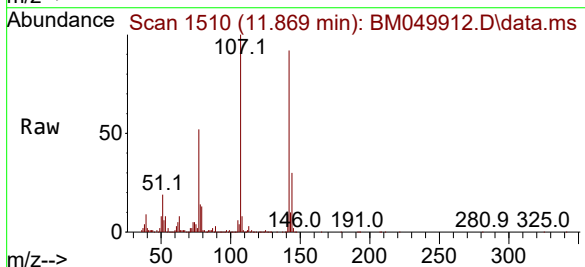
Instrument :
BNA_M
ClientSampleId :
PB167526BS

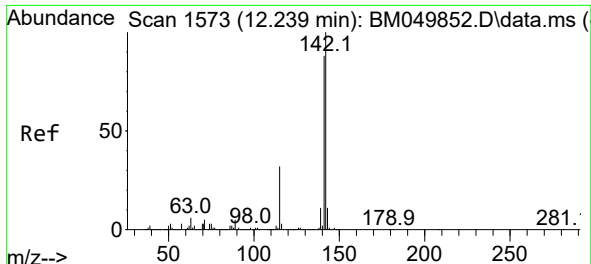
Tgt Ion:113 Resp: 250195
Ion Ratio Lower Upper
113 100
55 137.5 124.3 164.3
56 108.3 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 43.333 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:107 Resp: 814051
Ion Ratio Lower Upper
107 100
144 30.0 23.6 35.4
142 92.0 71.4 107.0





#37

2-Methylnaphthalene

Concen: 39.771 ng

RT: 12.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

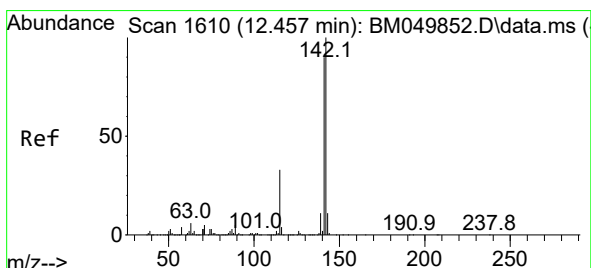
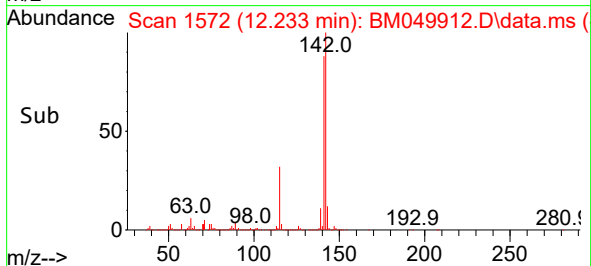
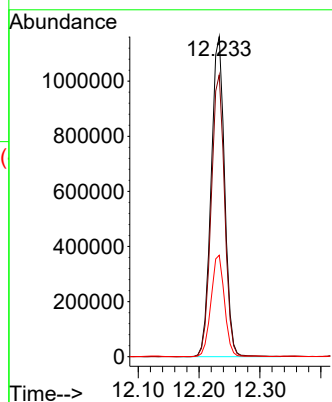
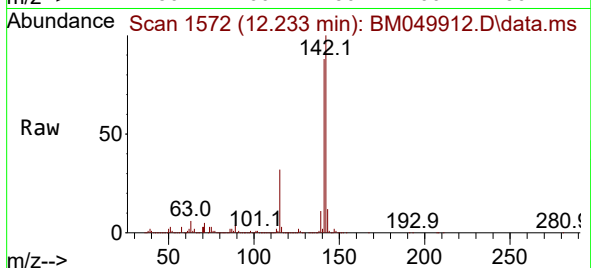
Tgt Ion:142 Resp: 1788552

Ion Ratio Lower Upper

142 100

141 88.1 70.2 105.2

115 31.7 25.4 38.2



#38

1-Methylnaphthalene

Concen: 42.767 ng

RT: 12.451 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

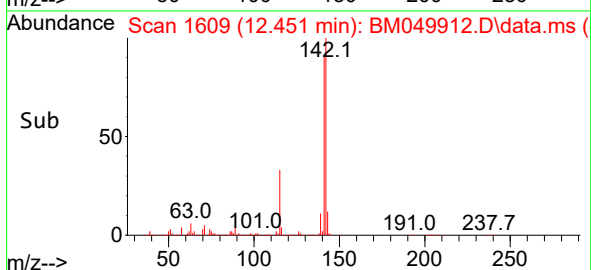
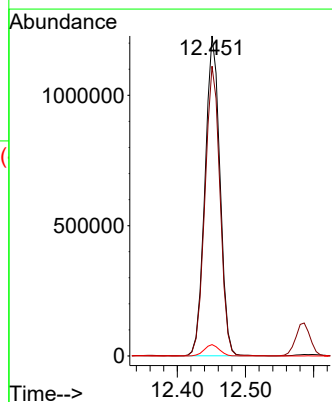
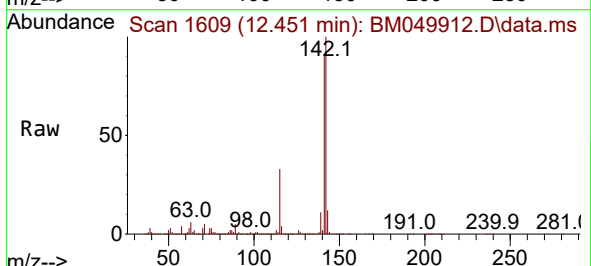
Tgt Ion:142 Resp: 1873723

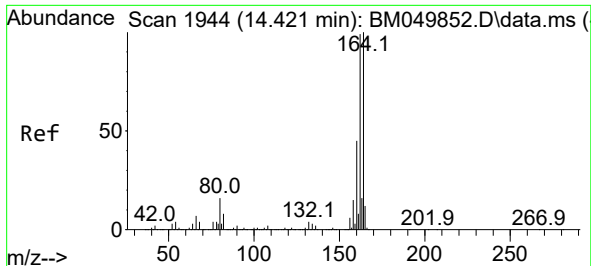
Ion Ratio Lower Upper

142 100

141 90.5 72.2 108.2

116 3.5 2.9 4.3

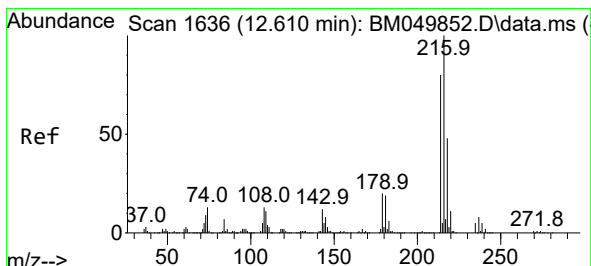
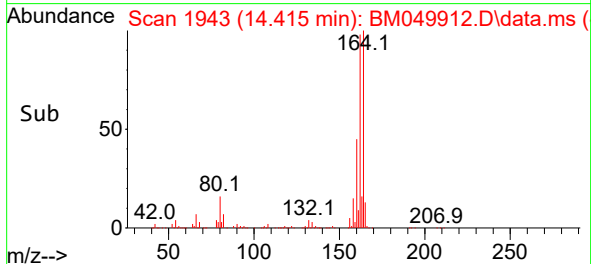
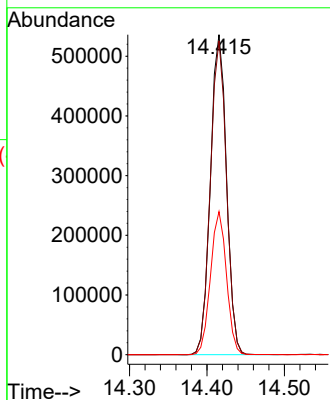
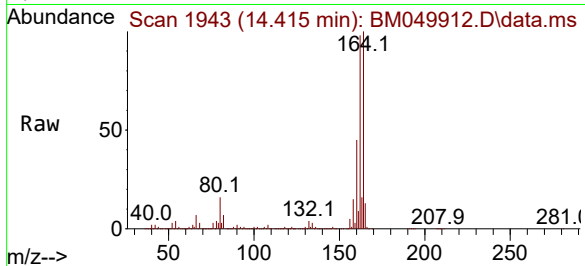




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

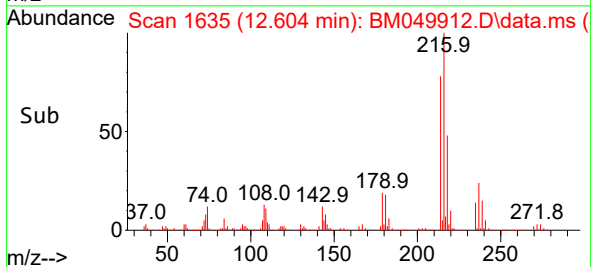
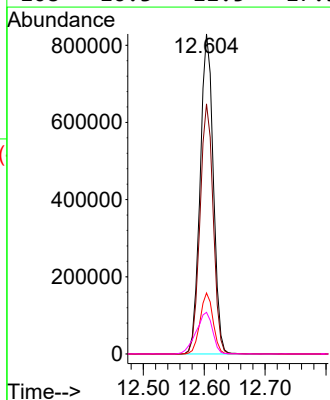
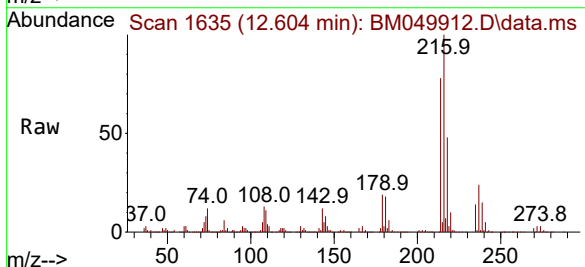
Instrument :
BNA_M
ClientSampleId :
PB167526BS

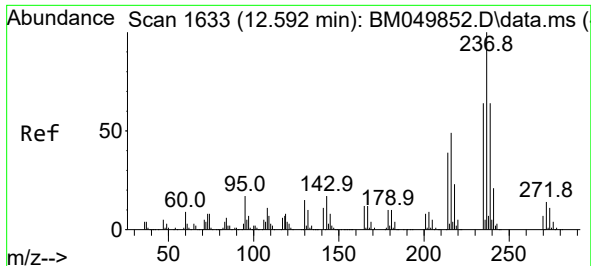
Tgt Ion:164 Resp: 772872
Ion Ratio Lower Upper
164 100
162 98.1 79.4 119.0
160 44.7 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.065 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

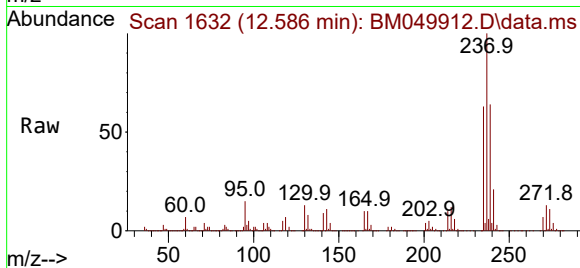
Tgt Ion:216 Resp: 1245549
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 18.8 15.8 23.6
108 16.3 11.5 17.3



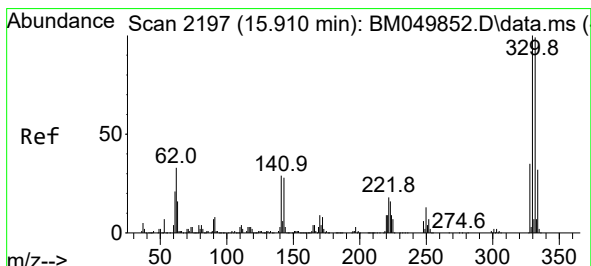
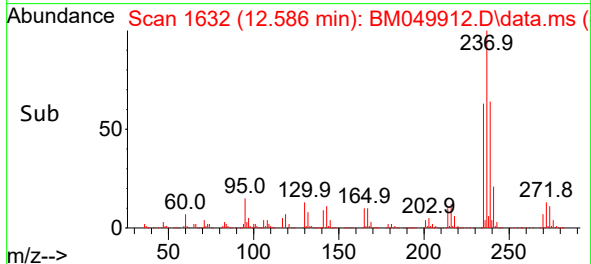
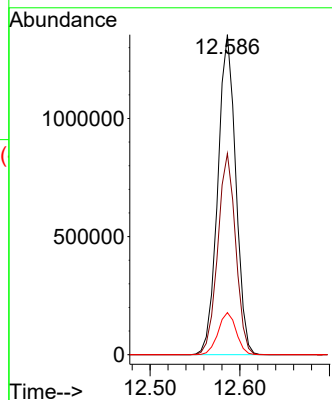


#41
Hexachlorocyclopentadiene
Concen: 198.689 ng
RT: 12.586 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Instrument :
BNA_M
ClientSampleId :
PB167526BS

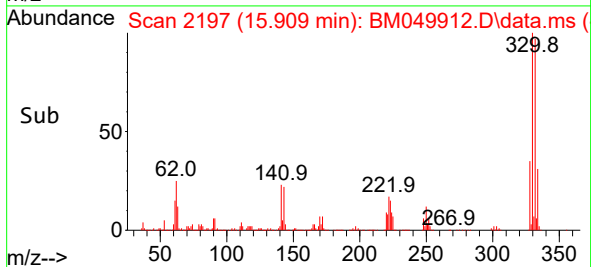
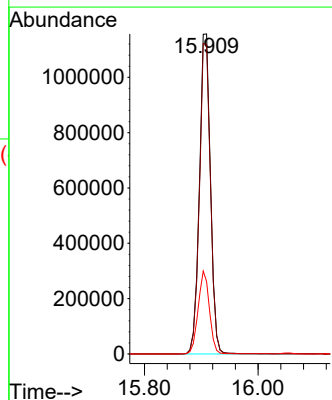
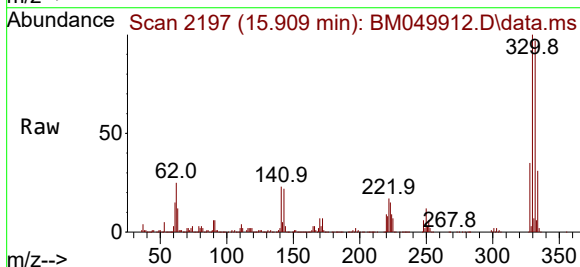


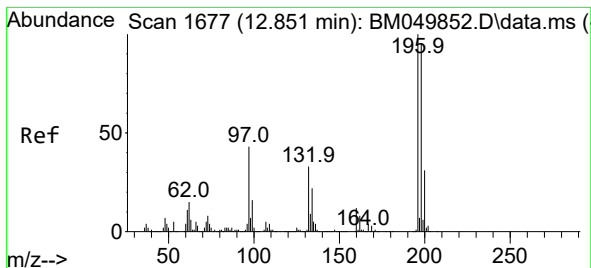
Tgt Ion:237 Resp: 1882486
Ion Ratio Lower Upper
237 100
235 62.8 43.7 83.7
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 139.627 ng
RT: 15.909 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:330 Resp: 1569647
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 26.4 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 46.049 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

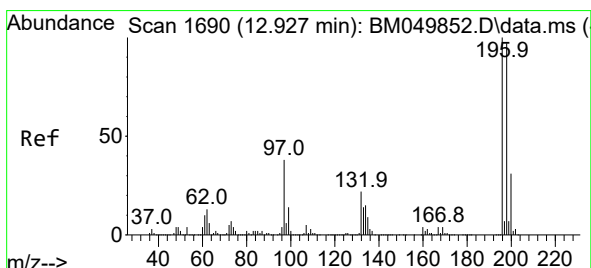
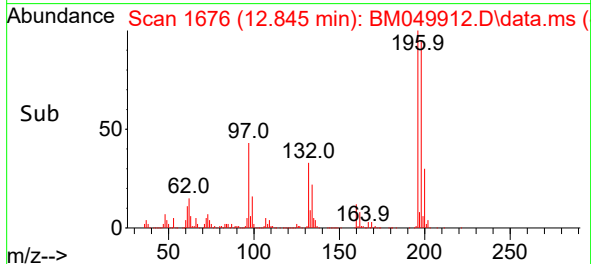
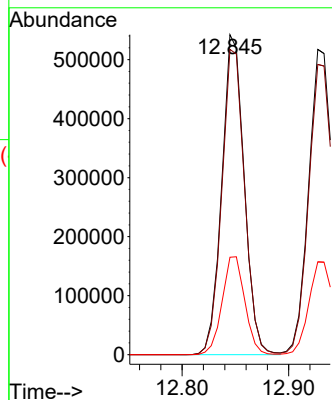
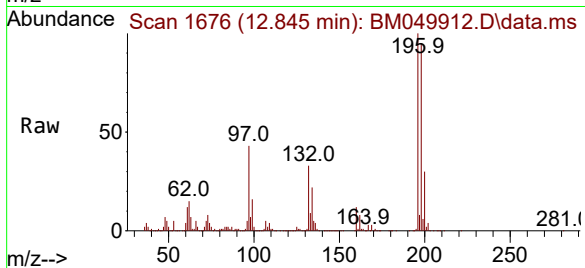
Tgt Ion:196 Resp: 792302

Ion Ratio Lower Upper

196 100

198 95.4 76.1 114.1

200 30.4 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 45.696 ng

RT: 12.927 min Scan# 1690

Delta R.T. -0.000 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Tgt Ion:196 Resp: 854409

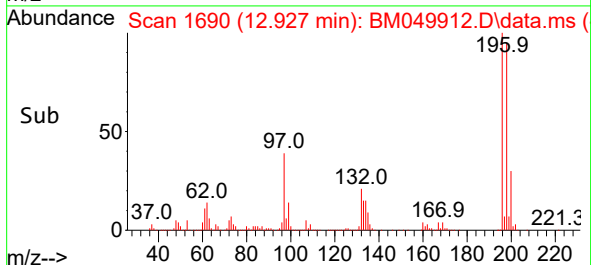
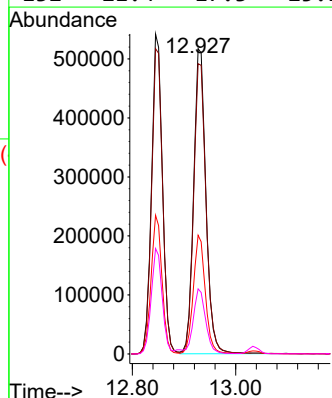
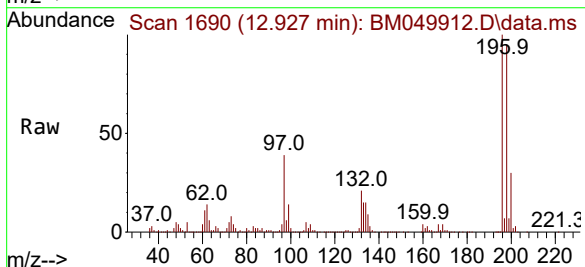
Ion Ratio Lower Upper

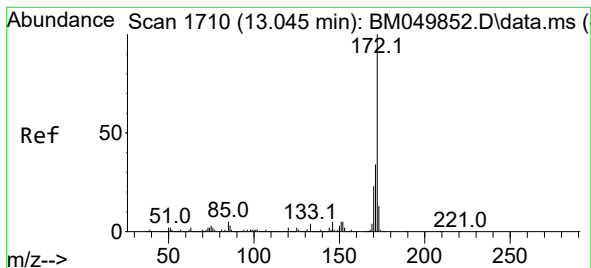
196 100

198 95.1 77.7 116.5

97 38.9 30.3 45.5

132 21.4 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 90.983 ng

RT: 13.033 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

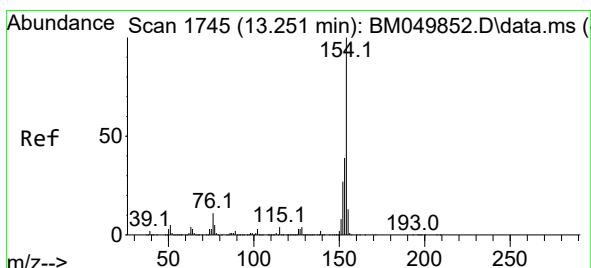
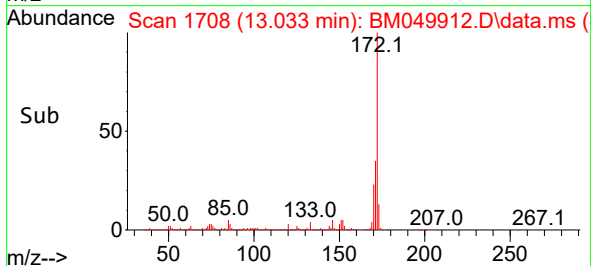
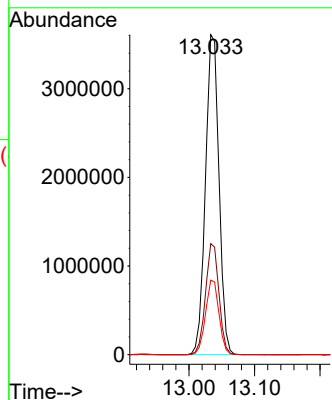
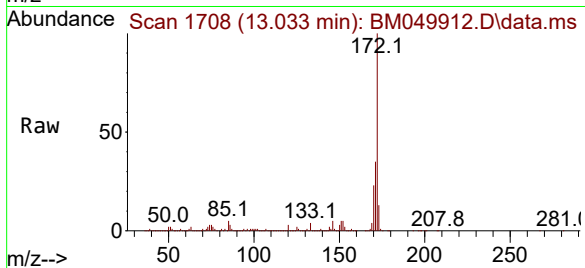
Tgt Ion:172 Resp: 5185684

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: 44.411 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

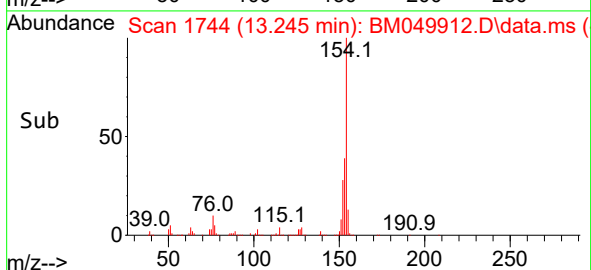
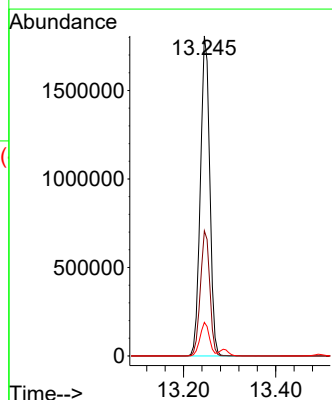
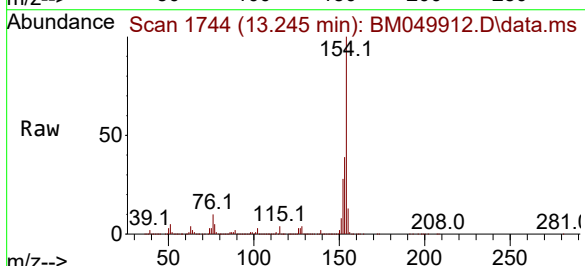
Tgt Ion:154 Resp: 2551520

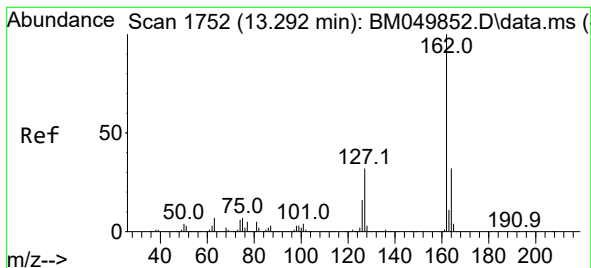
Ion Ratio Lower Upper

154 100

153 39.1 19.3 59.3

76 10.5 0.0 30.7





#47

2-Chloronaphthalene

Concen: 44.680 ng

RT: 13.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

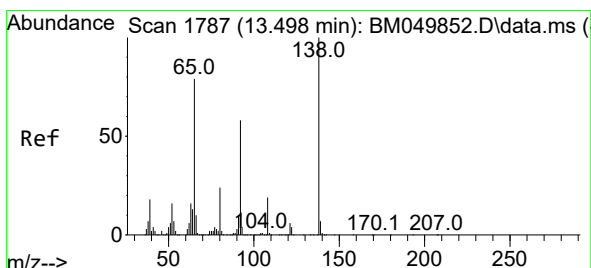
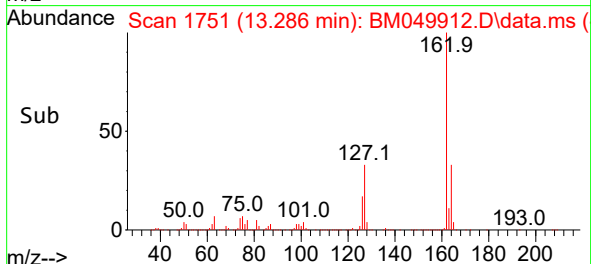
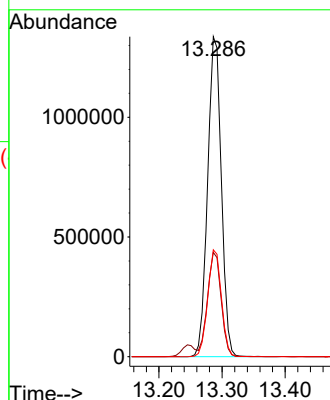
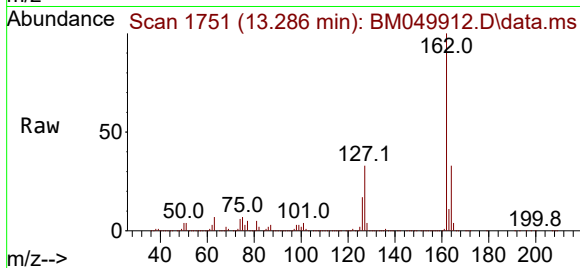
Tgt Ion:162 Resp: 2017627

Ion Ratio Lower Upper

162 100

127 32.6 26.0 39.0

164 33.4 25.9 38.9



#48

2-Nitroaniline

Concen: 45.809 ng

RT: 13.492 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

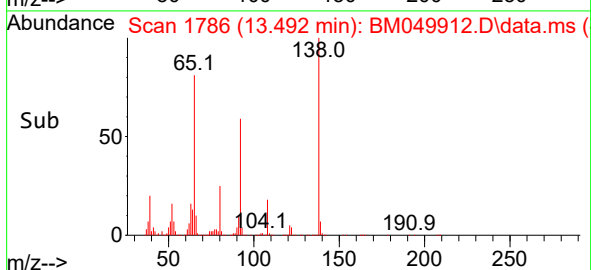
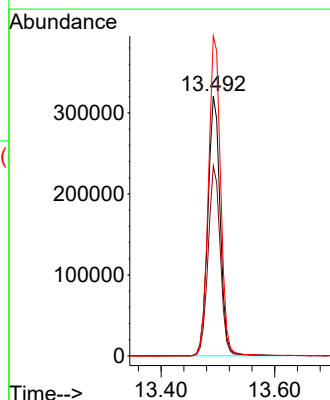
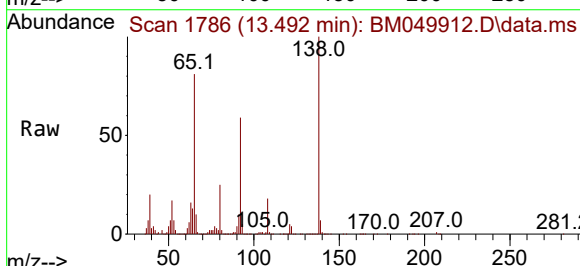
Tgt Ion: 65 Resp: 478558

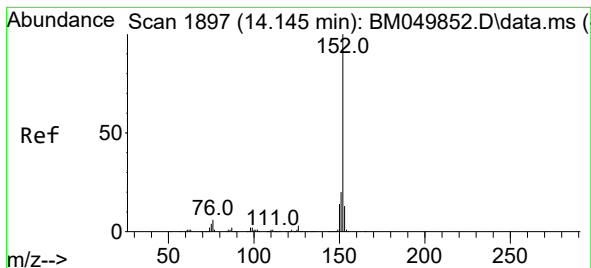
Ion Ratio Lower Upper

65 100

92 73.1 58.4 87.6

138 123.1 100.8 151.2





#49

Acenaphthylene

Concen: 48.158 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

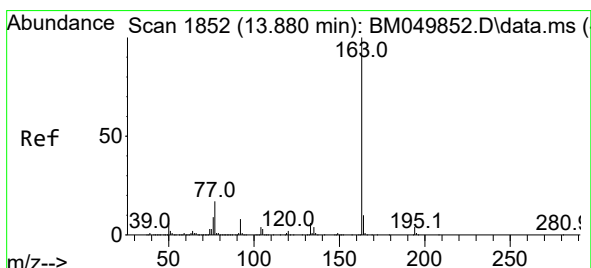
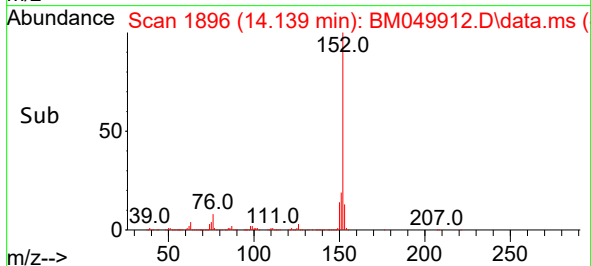
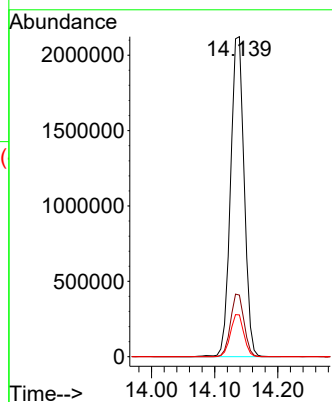
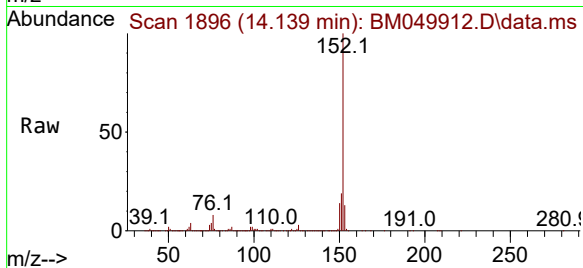
Tgt Ion:152 Resp: 3167764

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 44.058 ng

RT: 13.874 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

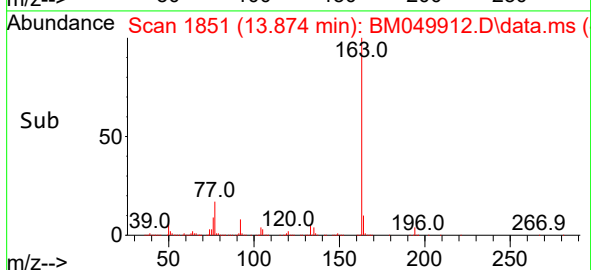
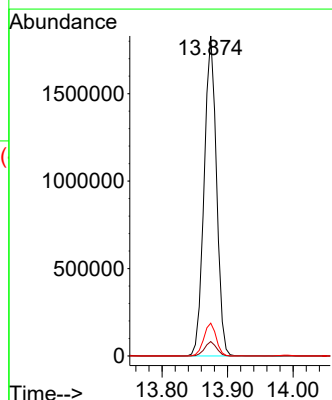
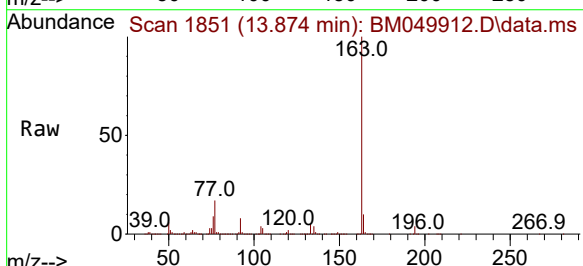
Tgt Ion:163 Resp: 2402290

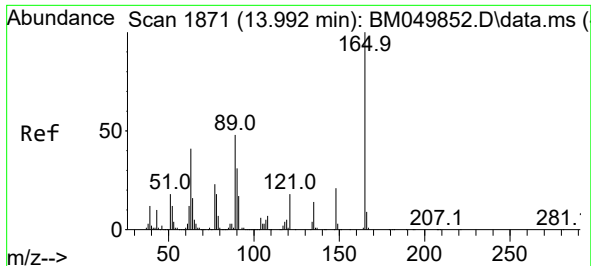
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.2 7.9 11.9

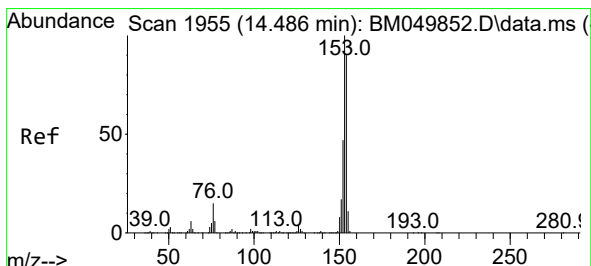
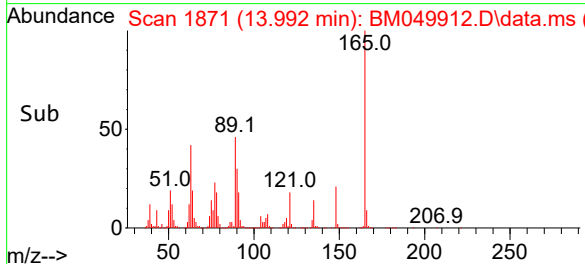
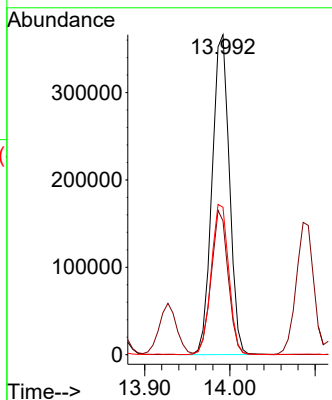
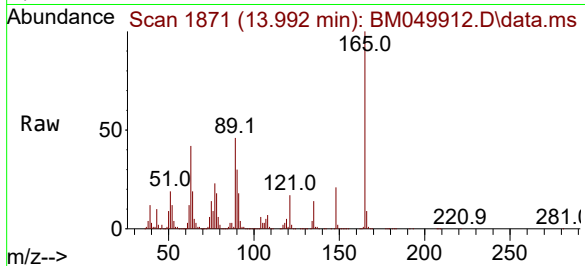




#51
2,6-Dinitrotoluene
Concen: 45.341 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

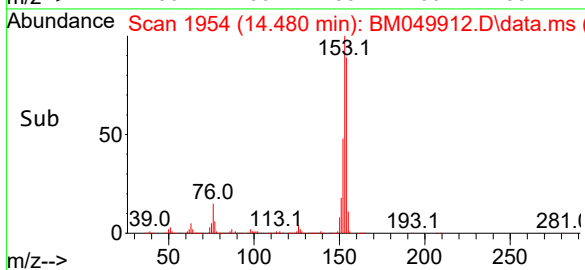
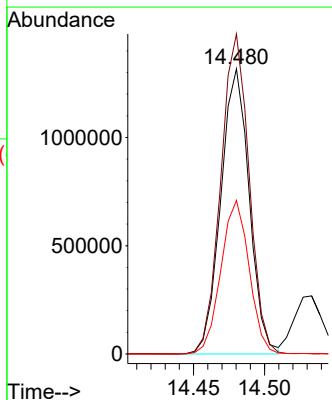
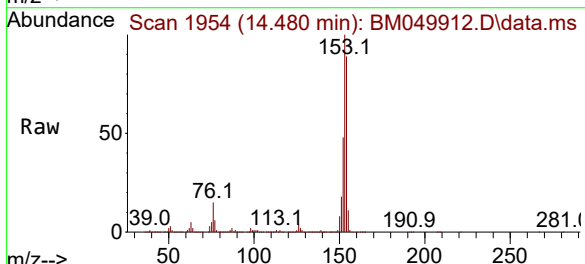
Instrument :
BNA_M
ClientSampleId :
PB167526BS

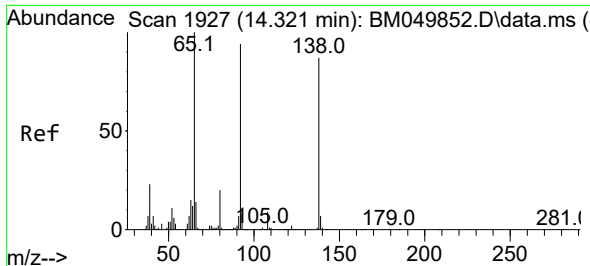
Tgt Ion:165 Resp: 517959
Ion Ratio Lower Upper
165 100
63 41.8 36.1 54.1
89 46.1 38.3 57.5



#52
Acenaphthene
Concen: 43.881 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:154 Resp: 1836001
Ion Ratio Lower Upper
154 100
153 112.2 89.3 133.9
152 53.8 42.2 63.2

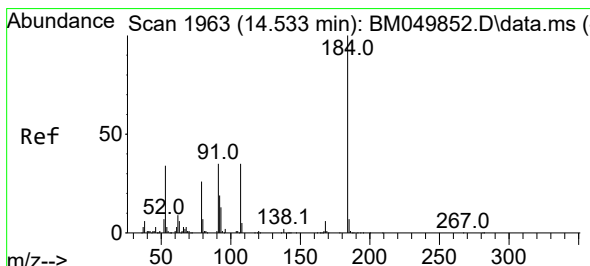
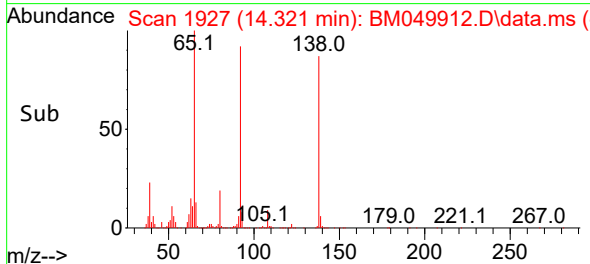
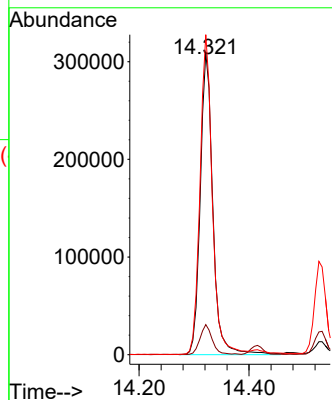
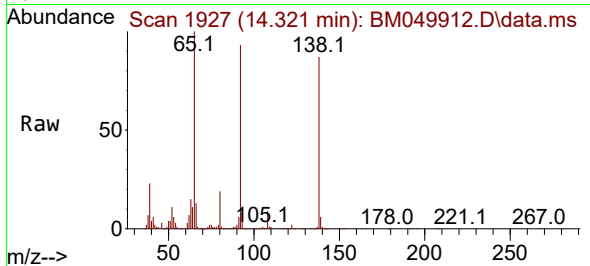




#53
3-Nitroaniline
Concen: 44.618 ng
RT: 14.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

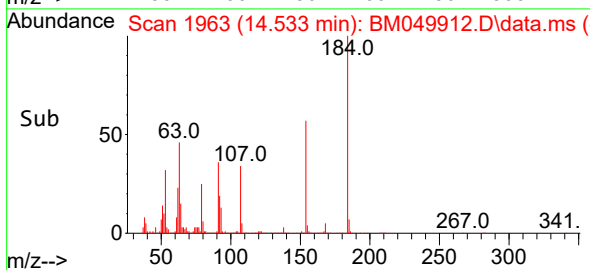
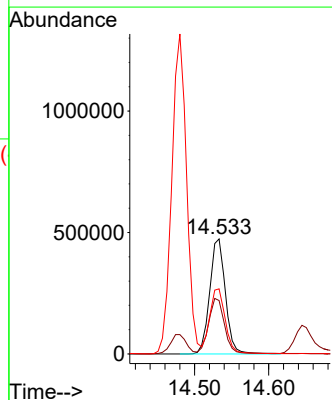
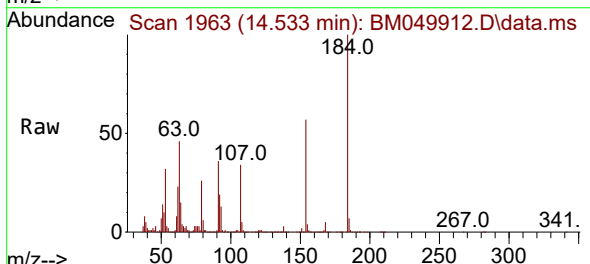
Instrument :
BNA_M
ClientSampleId :
PB167526BS

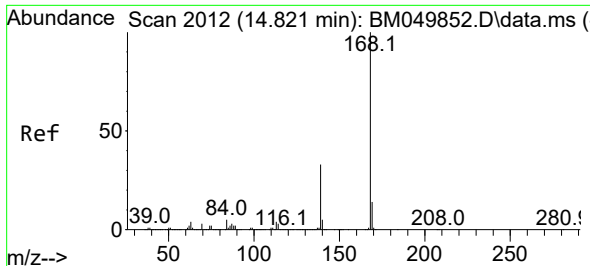
Tgt Ion:138 Resp: 492629
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 106.1 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 84.099 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:184 Resp: 699100
Ion Ratio Lower Upper
184 100
63 46.4 38.4 57.6
154 56.7 48.1 72.1

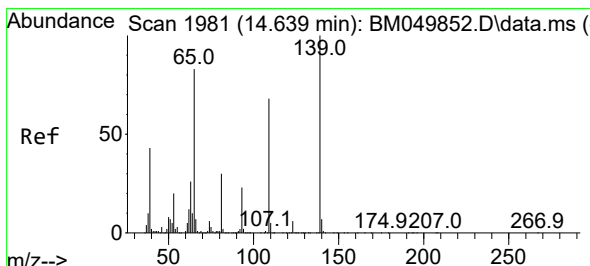
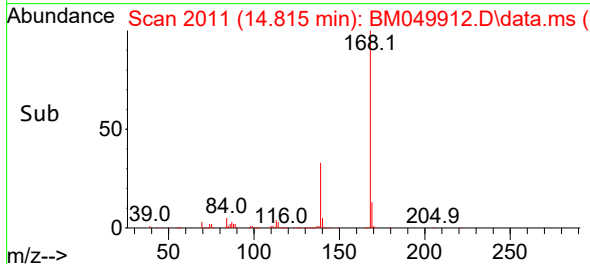
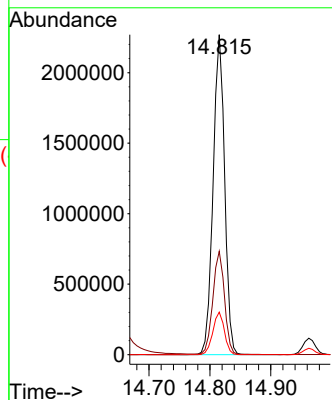
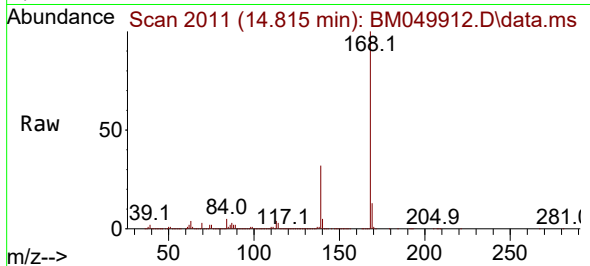




#55
Dibenzenofuran
Concen: 42.609 ng
RT: 14.815 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

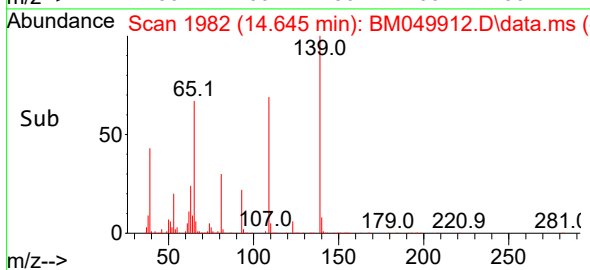
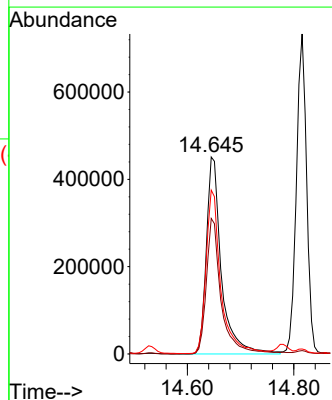
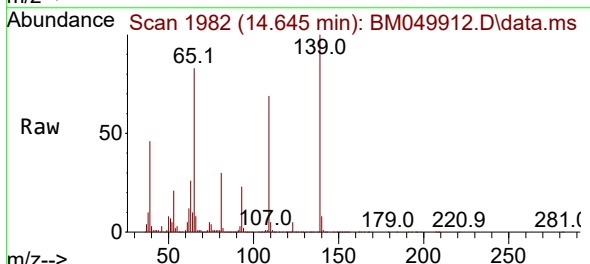
Instrument :
BNA_M
ClientSampleId :
PB167526BS

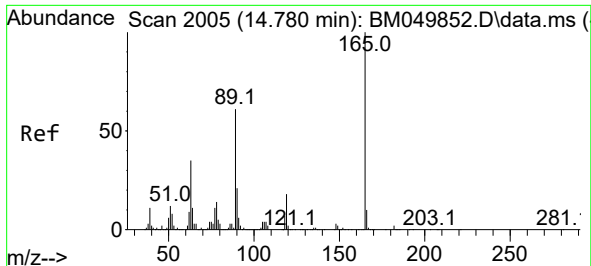
Tgt Ion:168 Resp: 2980252
Ion Ratio Lower Upper
168 100
139 32.3 26.6 39.8
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 89.873 ng
RT: 14.645 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

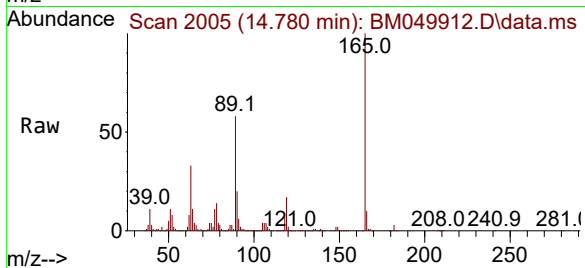
Tgt Ion:139 Resp: 884264
Ion Ratio Lower Upper
139 100
109 68.8 47.9 87.9
65 83.2 62.7 102.7



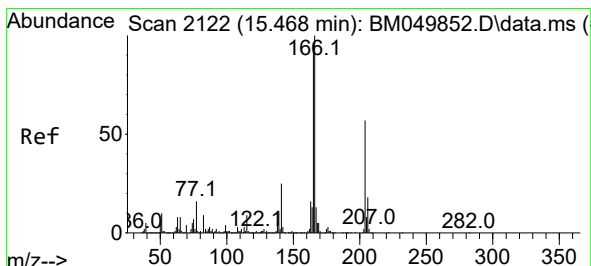
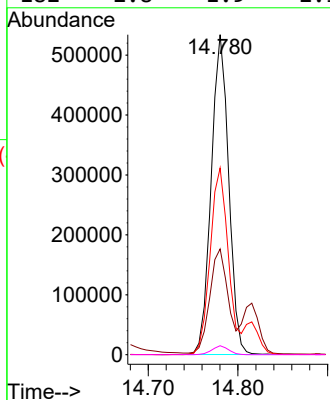
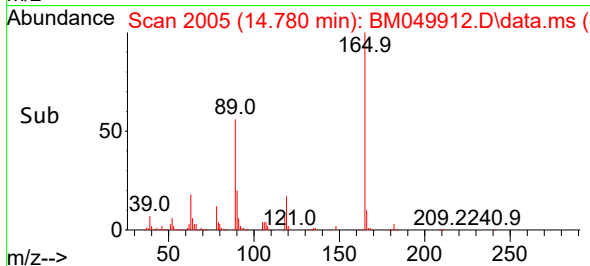


#57
2,4-Dinitrotoluene
Concen: 47.393 ng
RT: 14.780 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Instrument :
BNA_M
ClientSampleId :
PB167526BS

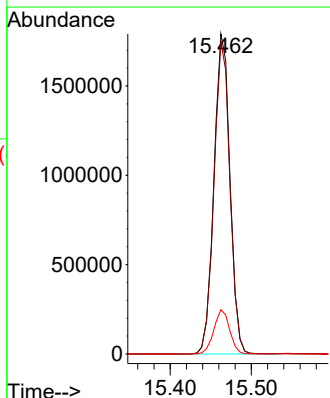
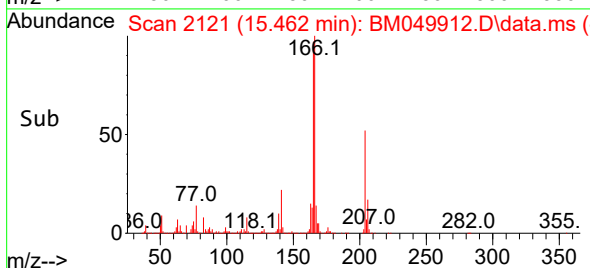
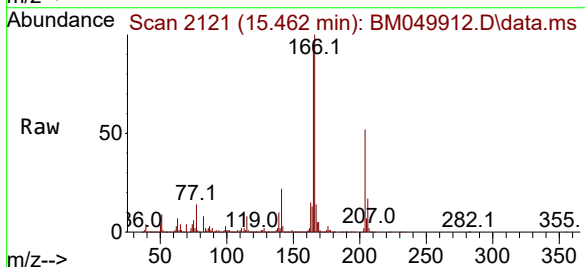


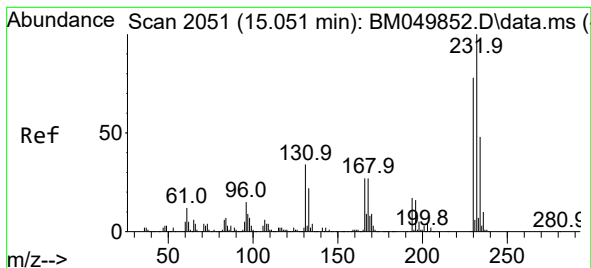
Tgt Ion:165 Resp: 722284
Ion Ratio Lower Upper
165 100
63 33.0 28.6 42.8
89 58.4 49.0 73.6
182 2.8 1.9 2.9



#58
Fluorene
Concen: 44.149 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:166 Resp: 2454604
Ion Ratio Lower Upper
166 100
165 97.5 76.3 114.5
167 13.8 10.7 16.1

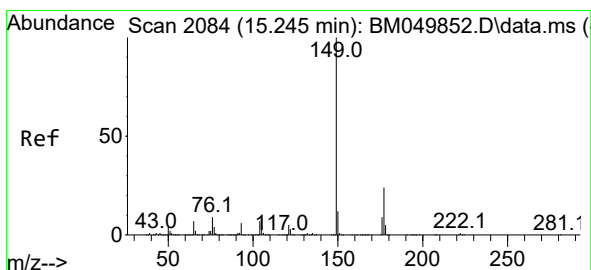
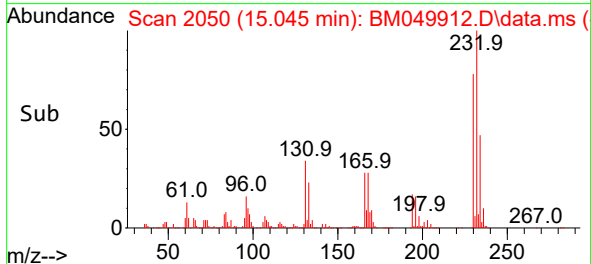
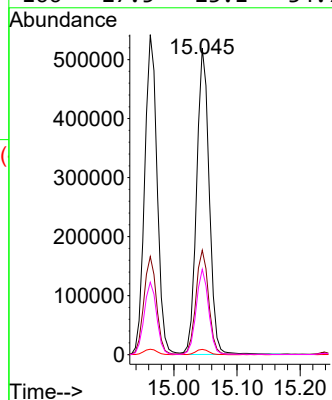
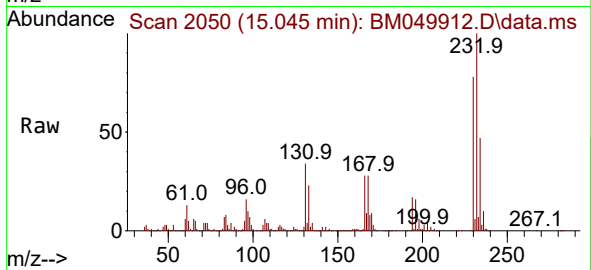




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.710 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

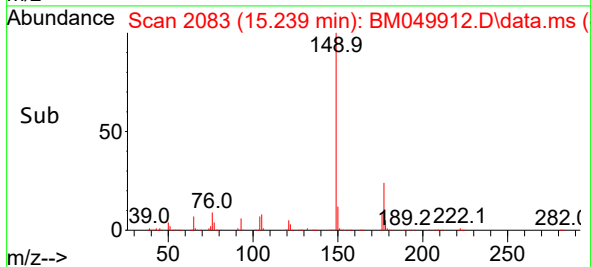
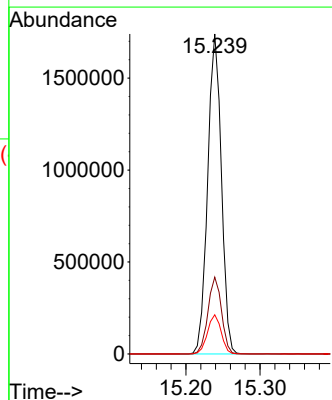
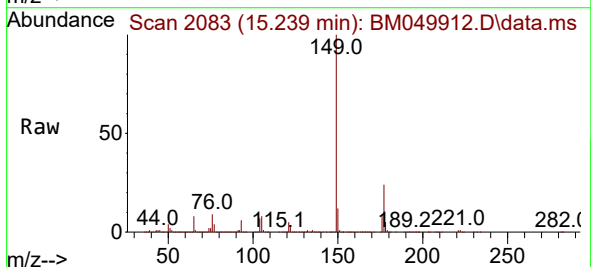
Instrument :
BNA_M
ClientSampleId :
PB167526BS

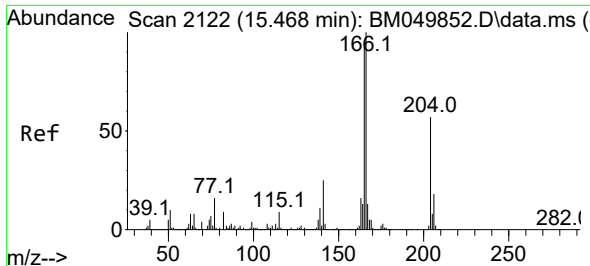
Tgt Ion:232 Resp: 716306
Ion Ratio Lower Upper
232 100
131 34.7 28.4 42.6
130 1.9 1.6 2.4
166 27.5 23.1 34.7



#60
Diethylphthalate
Concen: 42.715 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:149 Resp: 2233501
Ion Ratio Lower Upper
149 100
177 24.0 19.0 28.4
150 12.3 9.7 14.5

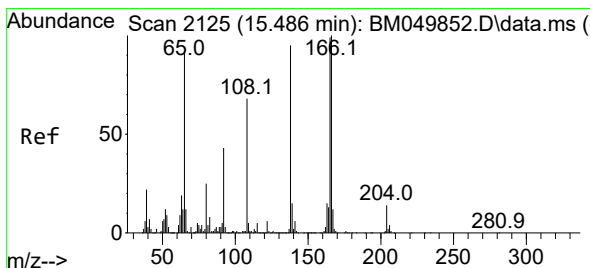
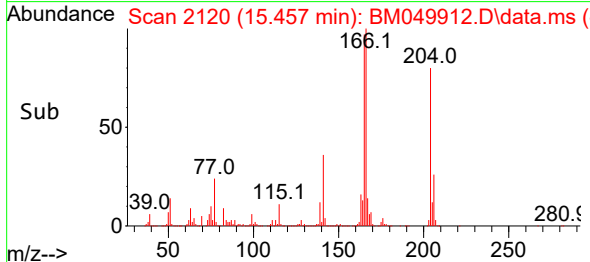
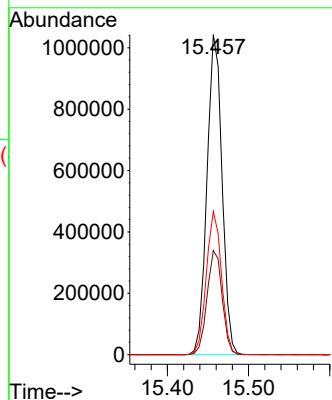
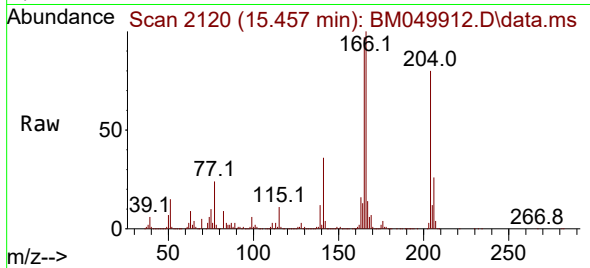




#61
4-Chlorophenyl-phenylether
Concen: 44.926 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

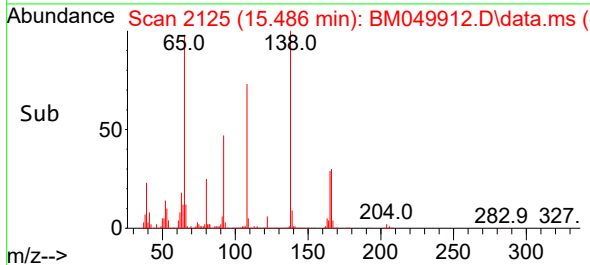
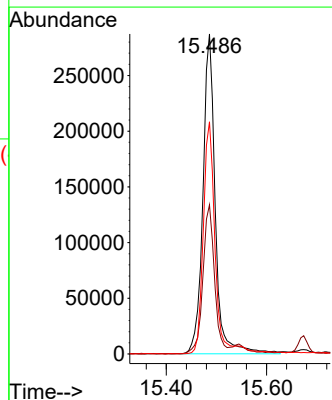
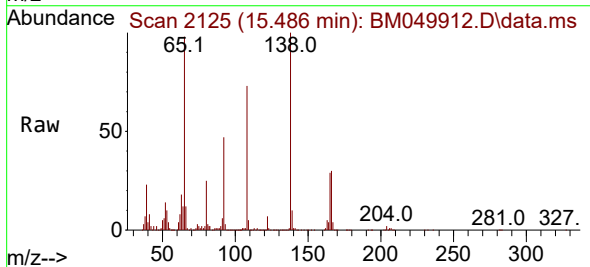
Instrument :
BNA_M
ClientSampleId :
PB167526BS

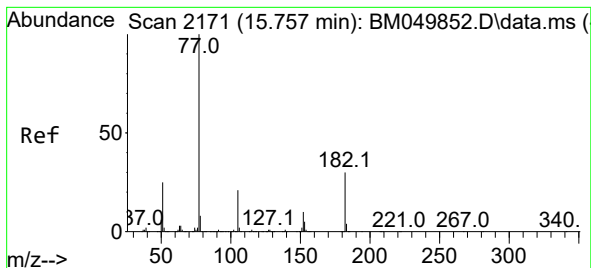
Tgt Ion:204 Resp: 1339158
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 44.8 35.0 52.6



#62
4-Nitroaniline
Concen: 43.155 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:138 Resp: 492745
Ion Ratio Lower Upper
138 100
92 46.6 24.9 64.9
108 72.5 51.7 91.7

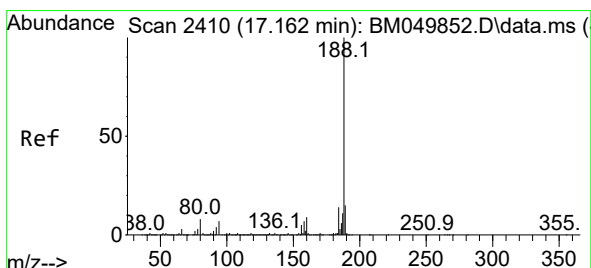
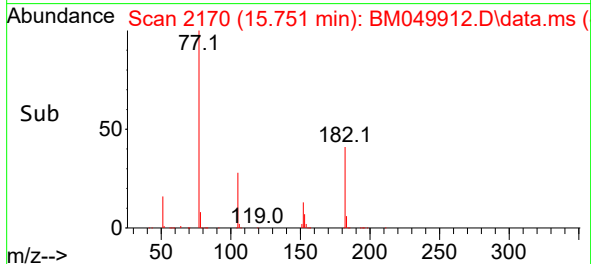
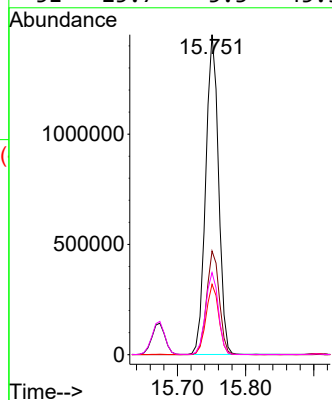
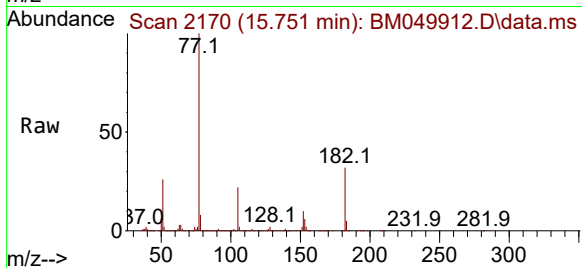




#63
Azobenzene
Concen: 42.301 ng
RT: 15.751 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

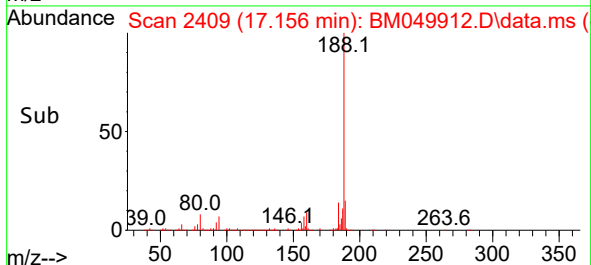
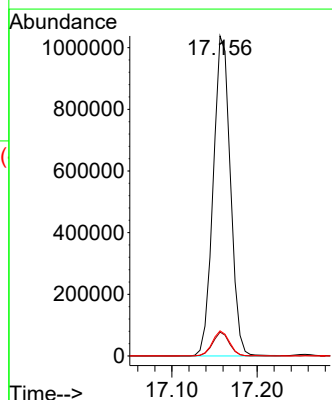
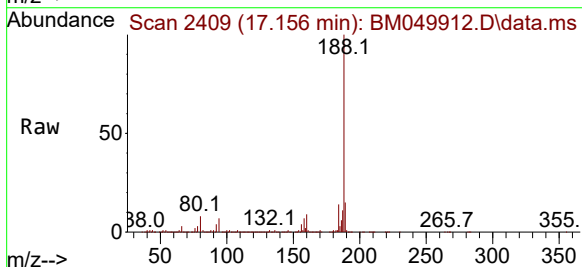
Instrument :
BNA_M
ClientSampleId :
PB167526BS

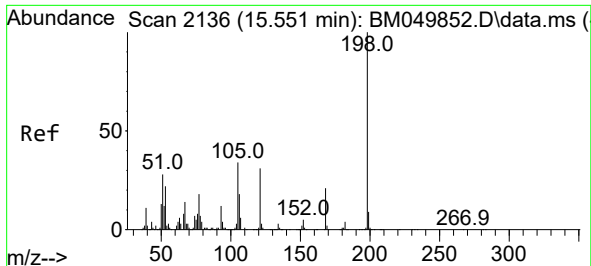
Tgt Ion: 77 Resp: 1893672
Ion Ratio Lower Upper
77 100
182 32.4 10.4 50.4
105 22.0 1.5 41.5
51 25.7 5.3 45.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:188 Resp: 1453270
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 7.9 6.4 9.6

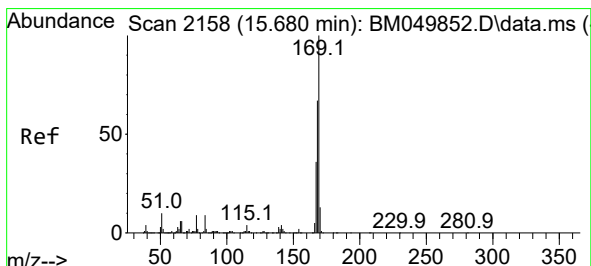
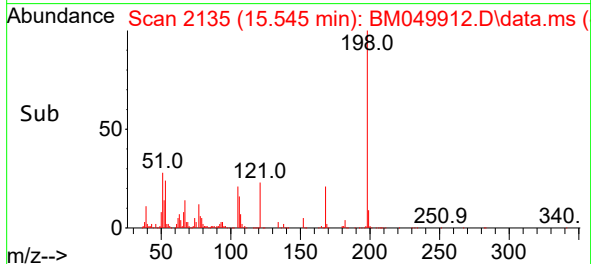
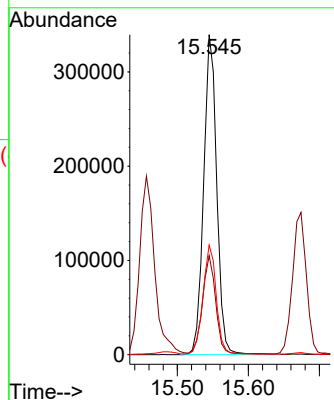
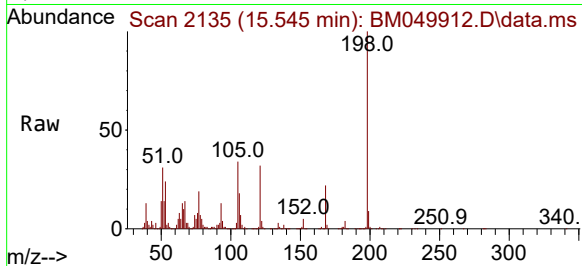




#65
4,6-Dinitro-2-methylphenol
Concen: 47.642 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

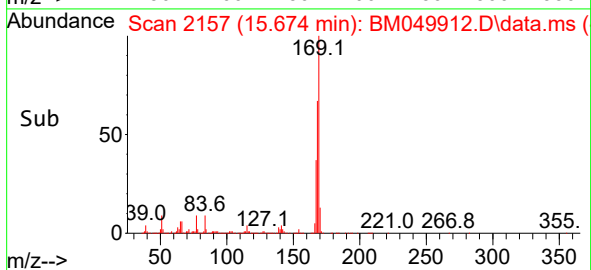
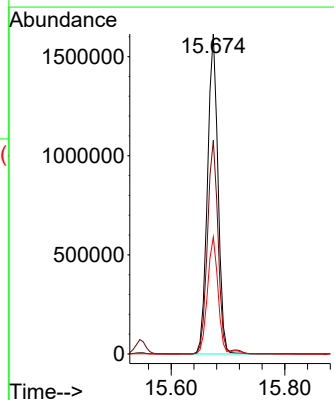
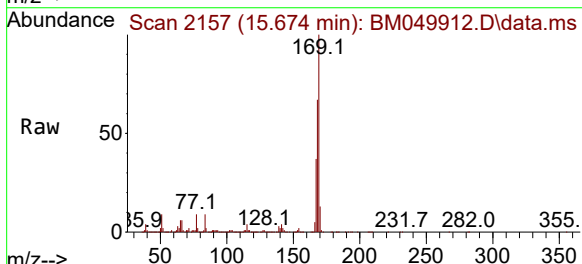
Instrument :
BNA_M
ClientSampleId :
PB167526BS

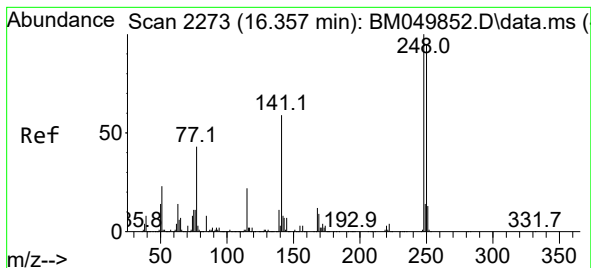
Tgt Ion:198 Resp: 436297
Ion Ratio Lower Upper
198 100
51 30.9 9.6 49.6
105 34.2 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 47.267 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:169 Resp: 2055687
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.5 29.0 43.6

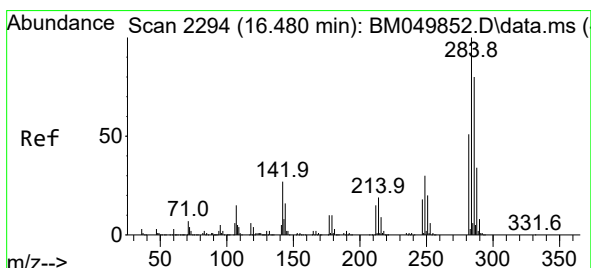
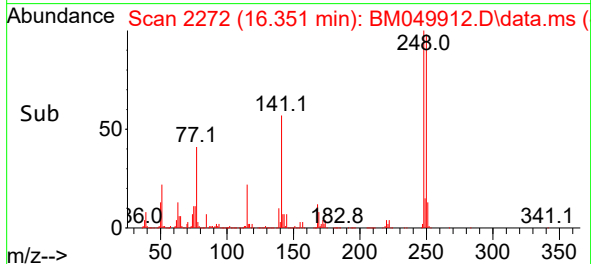
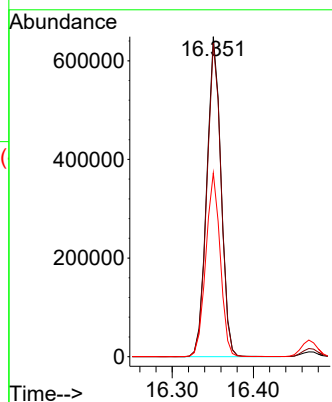
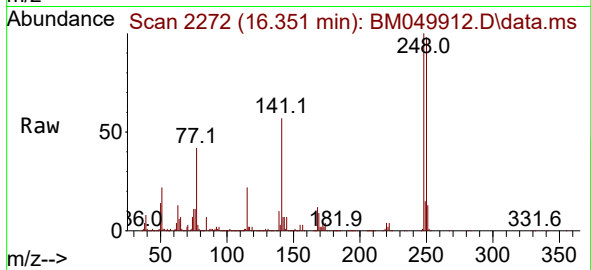




#67
4-Bromophenyl-phenylether
Concen: 46.779 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

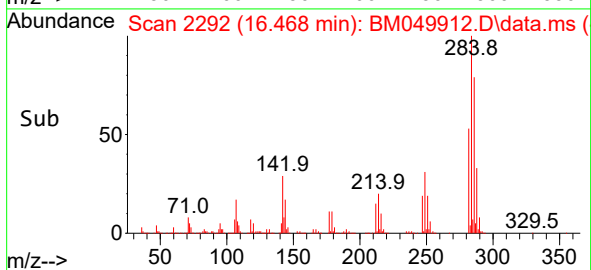
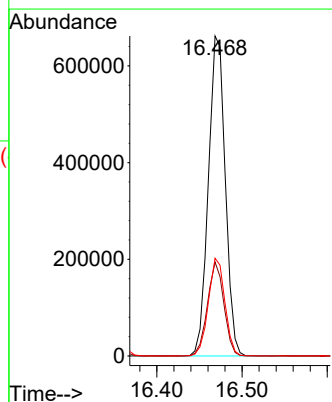
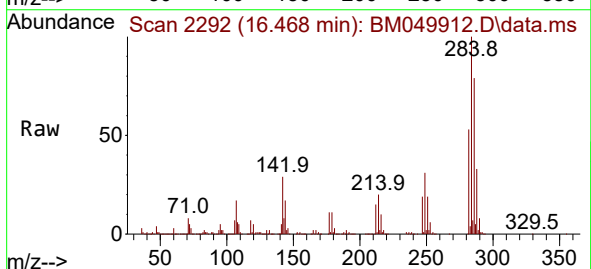
Instrument :
BNA_M
ClientSampleId :
PB167526BS

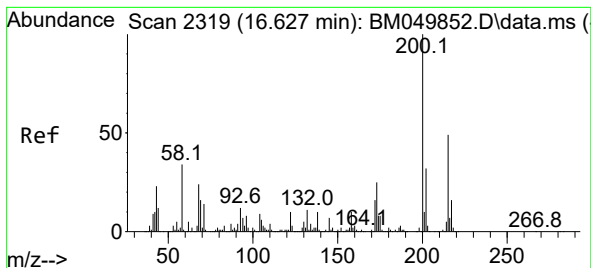
Tgt Ion:248 Resp: 789200
Ion Ratio Lower Upper
248 100
250 97.9 76.2 114.2
141 57.4 47.3 70.9



#68
Hexachlorobenzene
Concen: 47.109 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.012 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:284 Resp: 911622
Ion Ratio Lower Upper
284 100
142 29.3 21.2 31.8
249 30.5 24.1 36.1





#69

Atrazine

Concen: 58.493 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

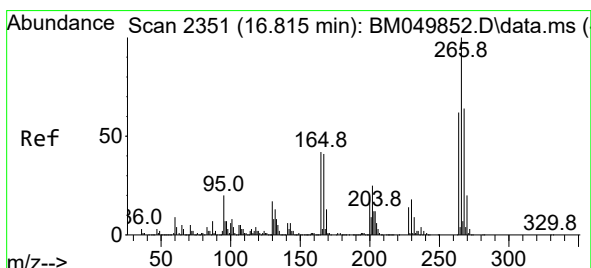
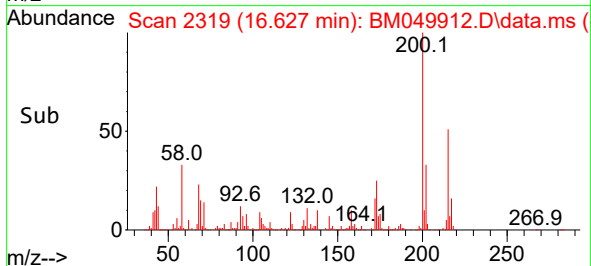
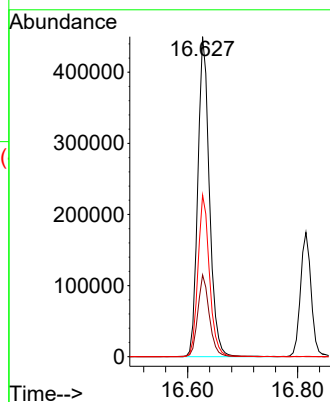
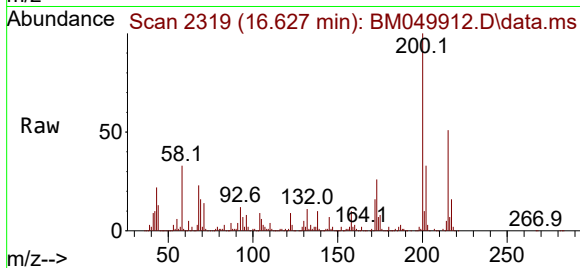
Tgt Ion:200 Resp: 659585

Ion Ratio Lower Upper

200 100

173 25.5 5.4 45.4

215 50.5 29.0 69.0



#70

Pentachlorophenol

Concen: 90.045 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

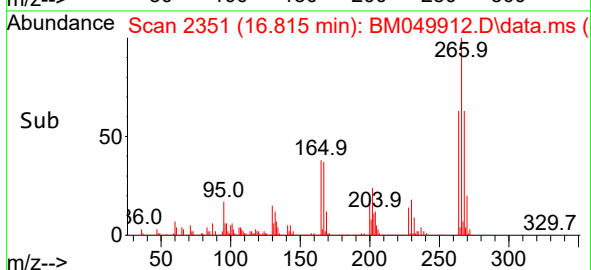
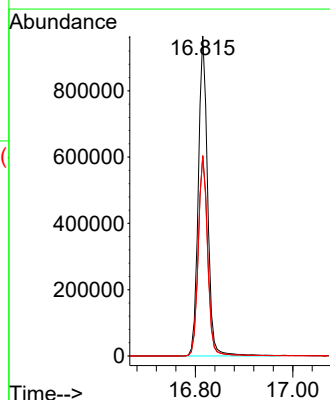
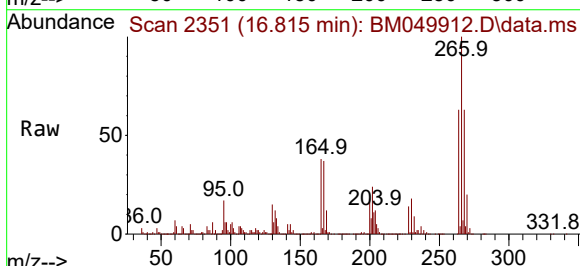
Tgt Ion:266 Resp: 1282840

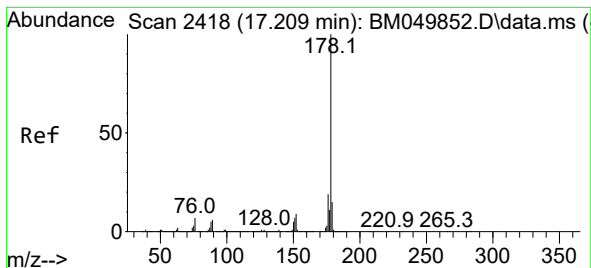
Ion Ratio Lower Upper

266 100

268 62.6 51.4 77.2

264 62.6 49.8 74.8





#71

Phenanthrene

Concen: 46.372 ng

RT: 17.203 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

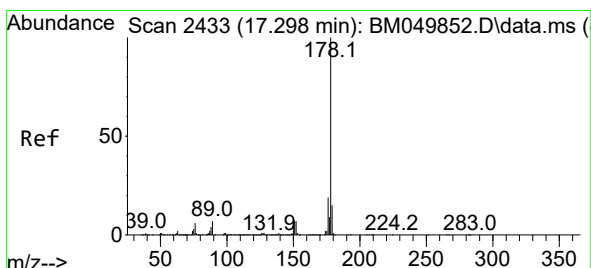
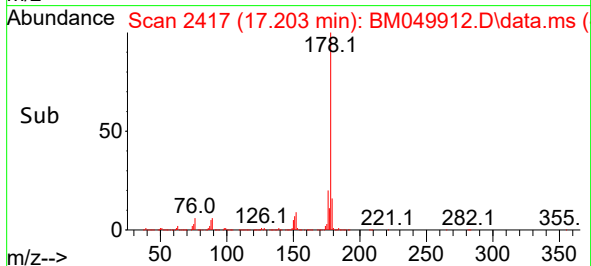
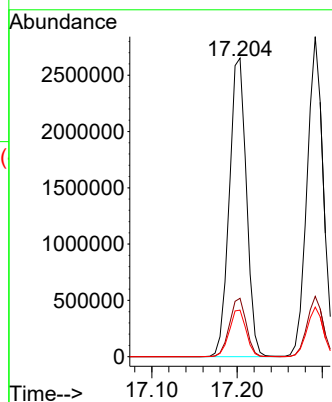
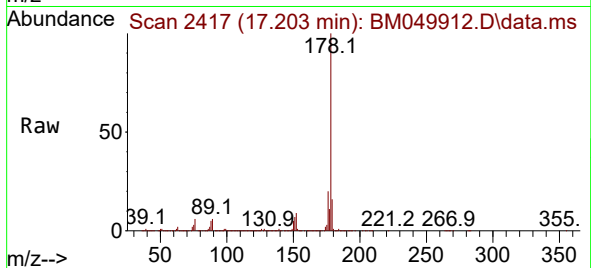
Tgt Ion:178 Resp: 3694644

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.6 12.3 18.5



#72

Anthracene

Concen: 47.693 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

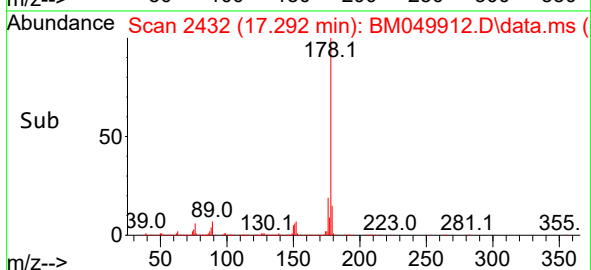
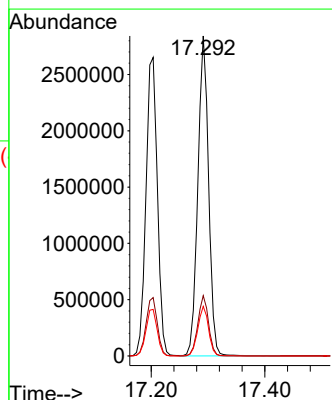
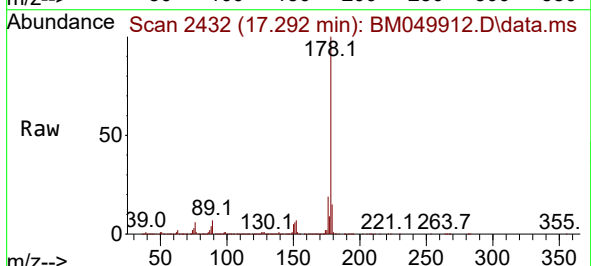
Tgt Ion:178 Resp: 3744693

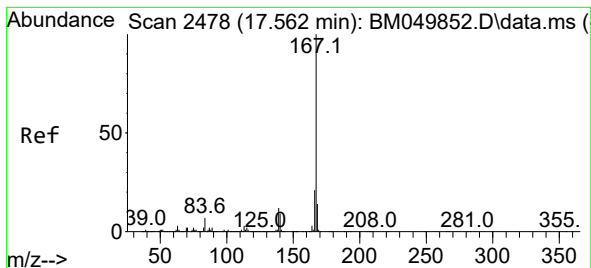
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.5 12.4 18.6





#73

Carbazole

Concen: 45.471 ng

RT: 17.562 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

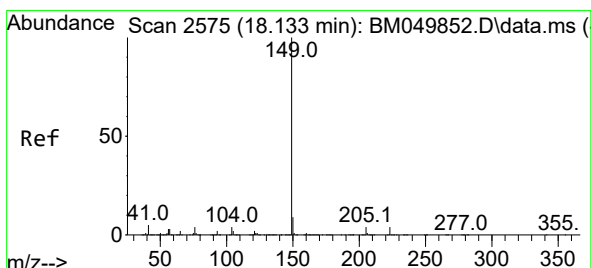
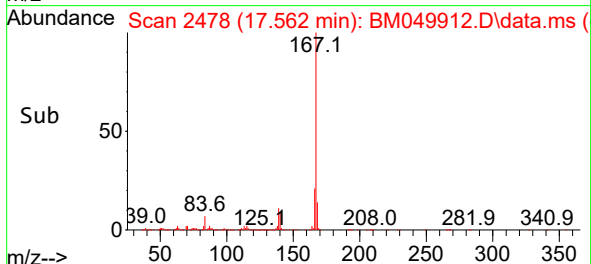
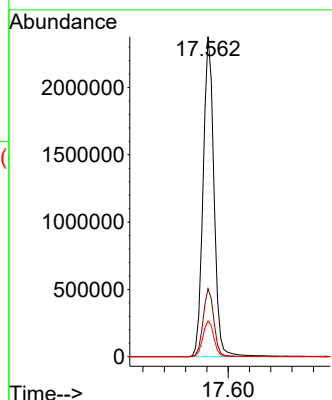
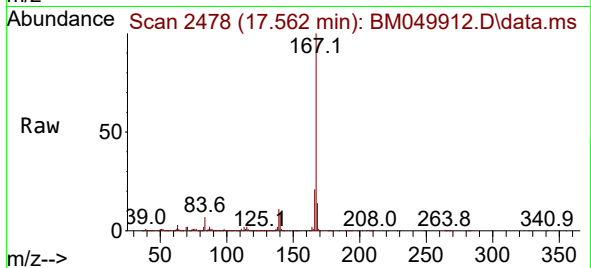
Tgt Ion:167 Resp: 3362776

Ion Ratio Lower Upper

167 100

166 21.2 16.9 25.3

139 11.2 9.3 13.9



#74

Di-n-butylphthalate

Concen: 44.415 ng

RT: 18.127 min Scan# 2574

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

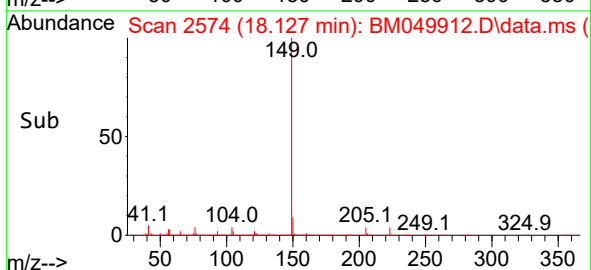
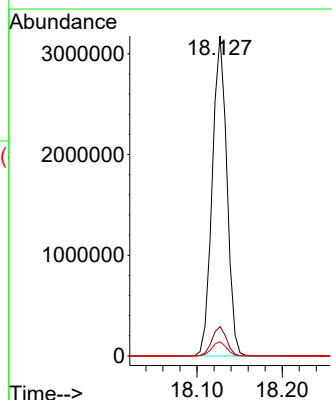
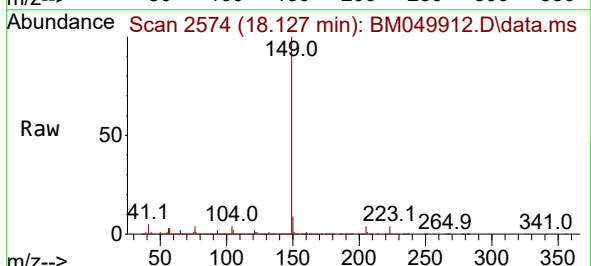
Tgt Ion:149 Resp: 3783239

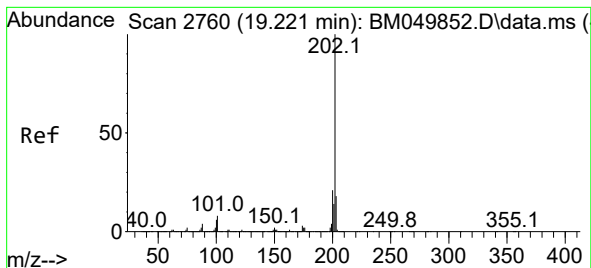
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 44.600 ng

RT: 19.215 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

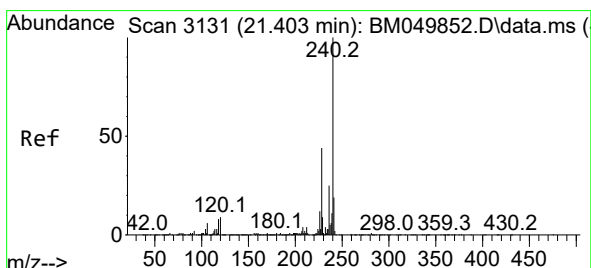
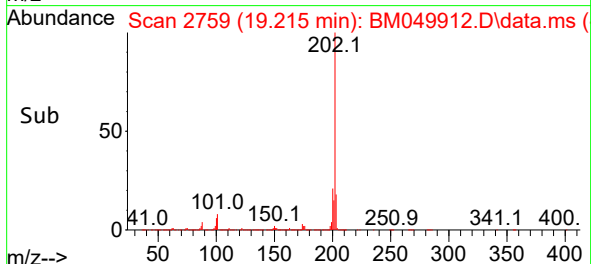
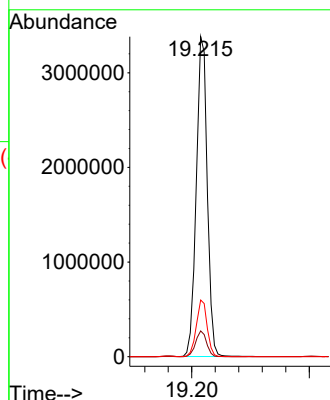
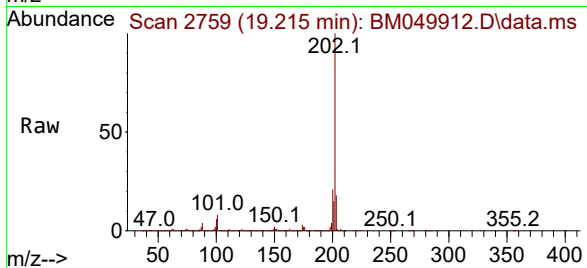
Tgt Ion:202 Resp: 4369156

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.4

203 17.7 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

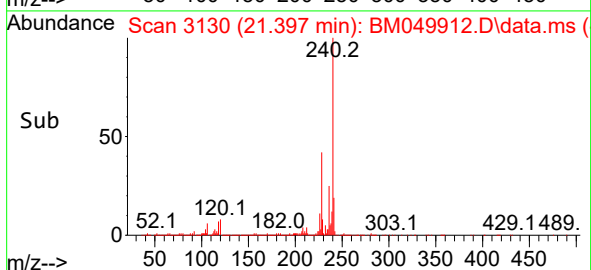
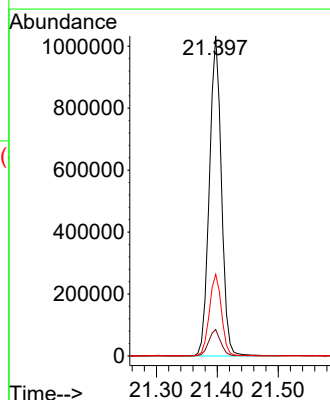
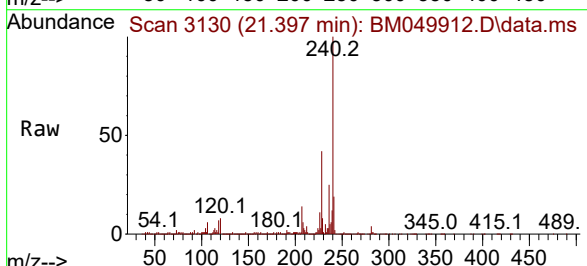
Tgt Ion:240 Resp: 1420698

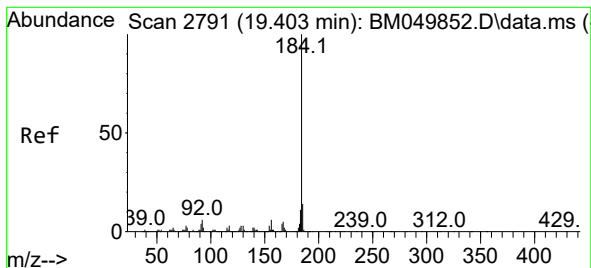
Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

236 25.5 20.4 30.6





#77

Benzidine

Concen: 107.476 ng

RT: 19.403 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

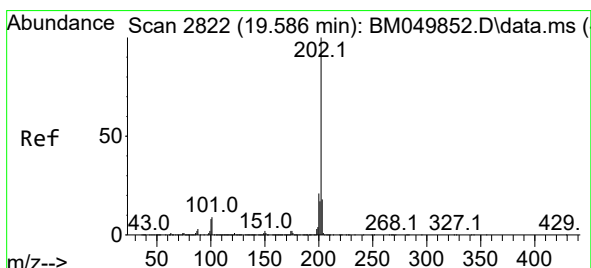
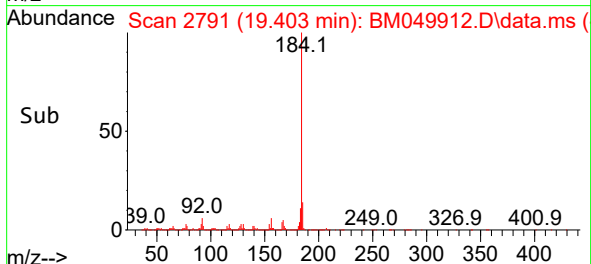
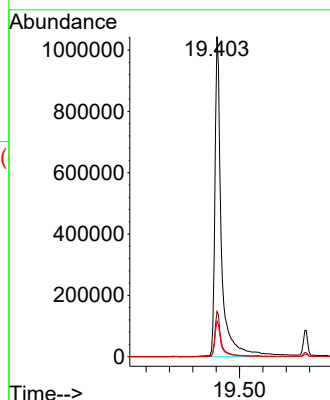
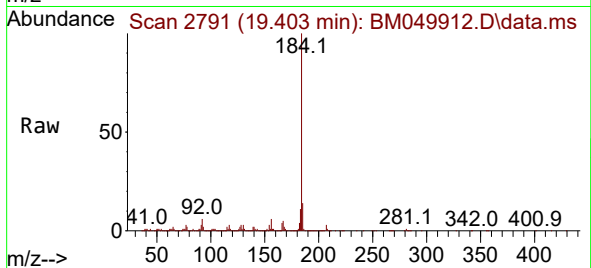
Tgt Ion:184 Resp: 2025661

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.2

183 11.1 8.8 13.2



#78

Pyrene

Concen: 45.984 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

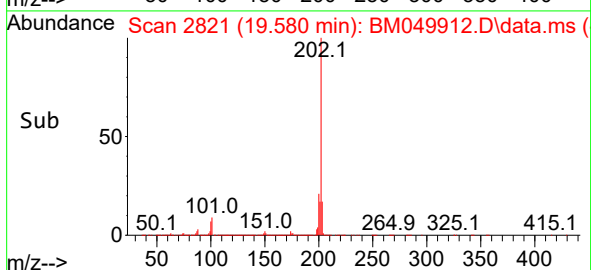
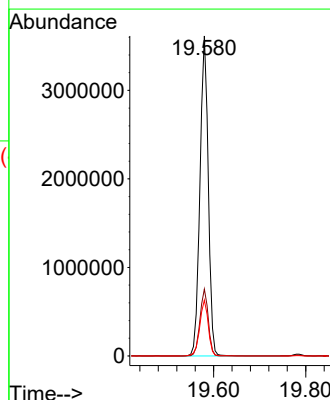
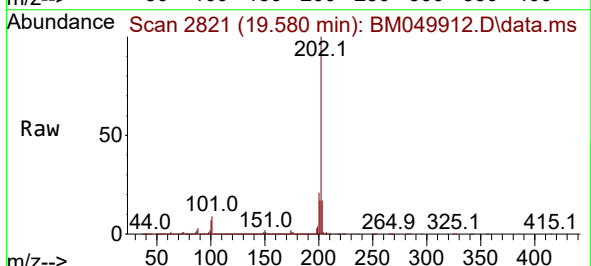
Tgt Ion:202 Resp: 4502419

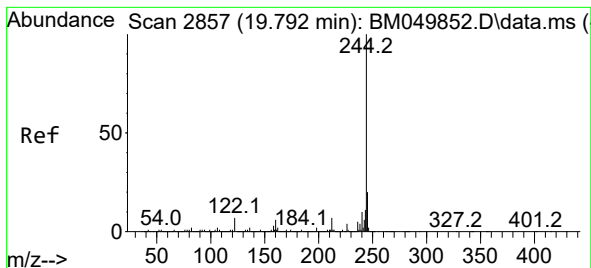
Ion Ratio Lower Upper

202 100

200 20.9 16.5 24.7

203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 102.851 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

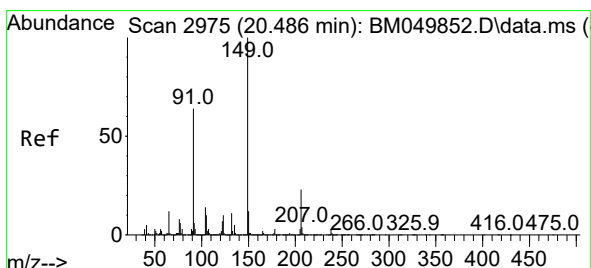
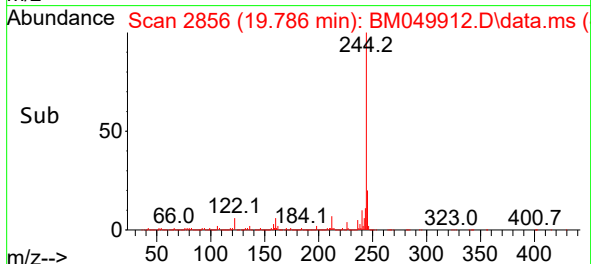
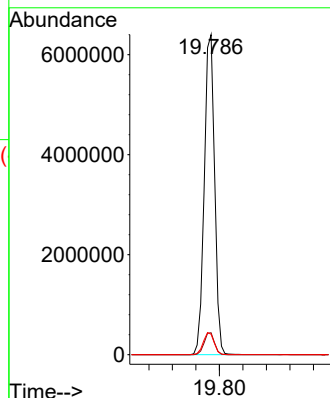
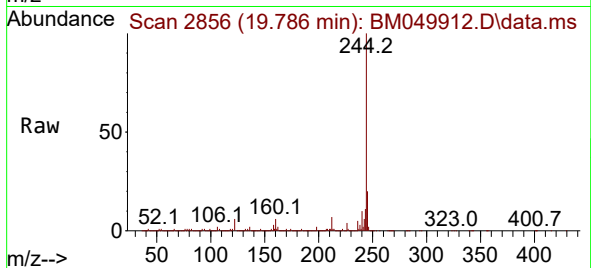
Tgt Ion:244 Resp: 7797037

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 6.4 5.4 8.0



#80

Butylbenzylphthalate

Concen: 45.620 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

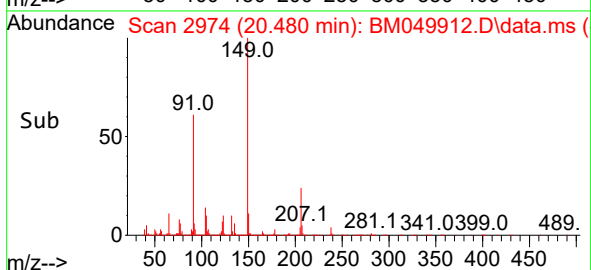
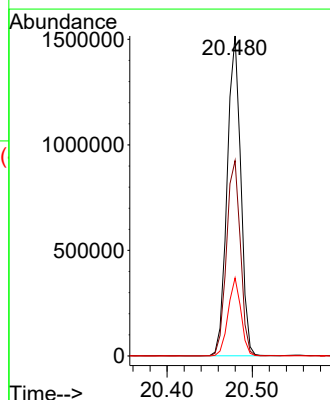
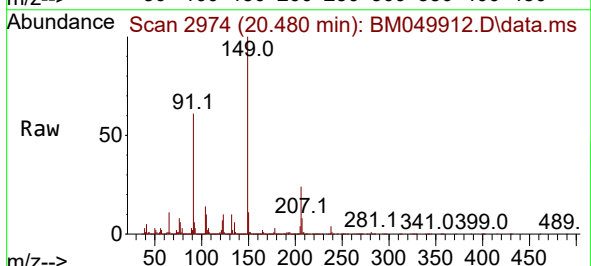
Tgt Ion:149 Resp: 1678410

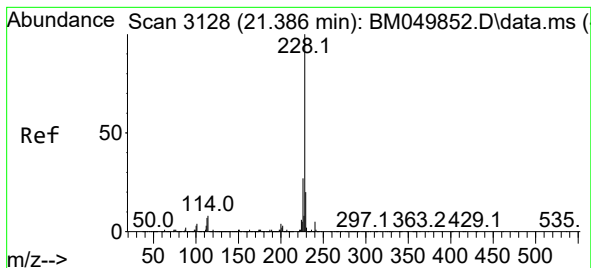
Ion Ratio Lower Upper

149 100

91 61.1 50.9 76.3

206 24.4 18.4 27.6





#81

Benzo(a)anthracene

Concen: 47.468 ng

RT: 21.380 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

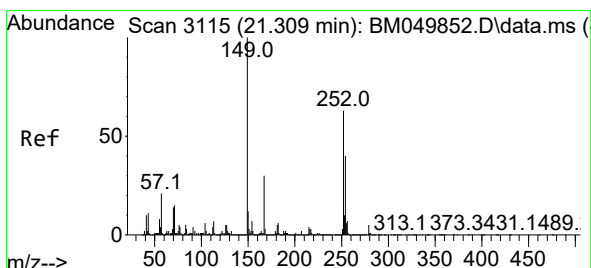
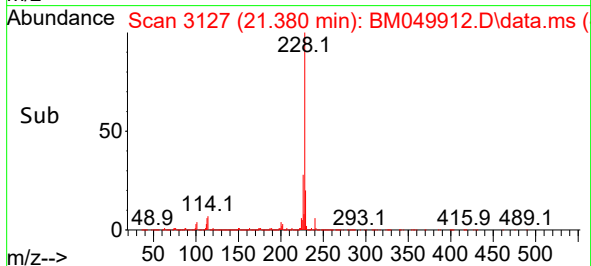
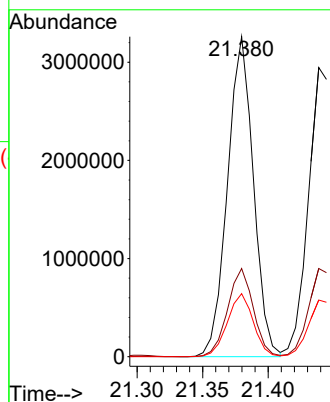
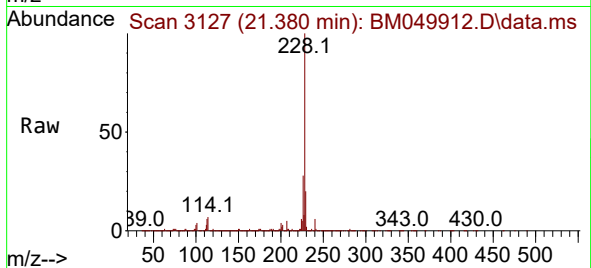
Tgt Ion:228 Resp: 4481912

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 36.862 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

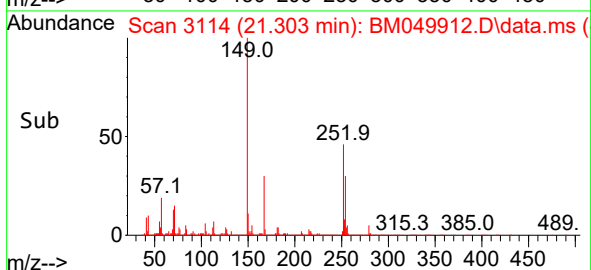
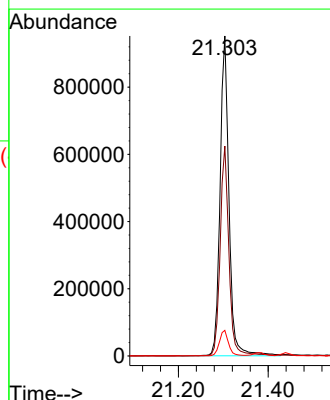
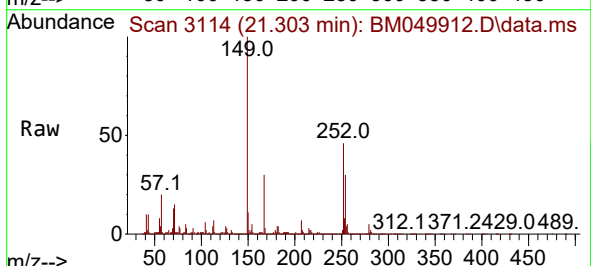
Tgt Ion:252 Resp: 1314378

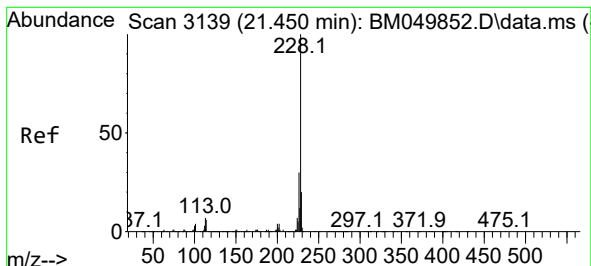
Ion Ratio Lower Upper

252 100

254 65.6 51.5 77.3

126 8.0 6.3 9.5





#83

Chrysene

Concen: 46.288 ng

RT: 21.439 min Scan# 3114

Delta R.T. -0.012 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

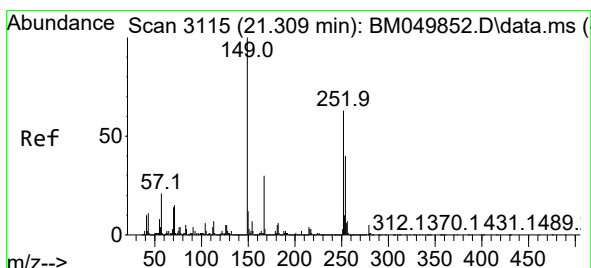
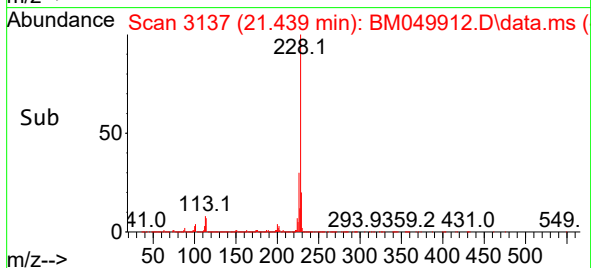
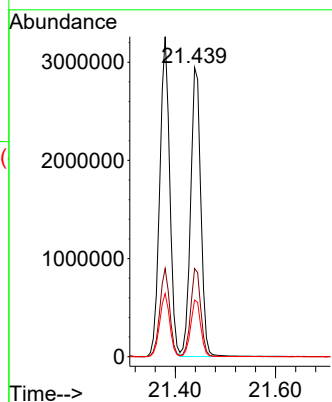
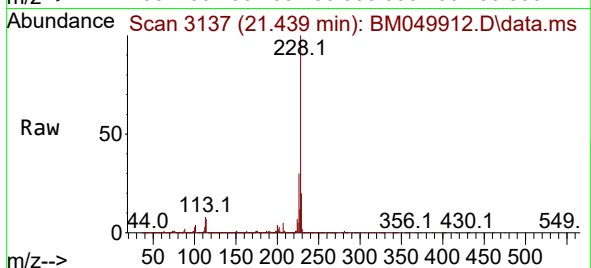
Tgt Ion:228 Resp: 4155011

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.846 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

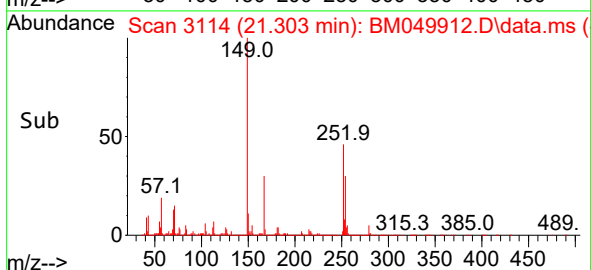
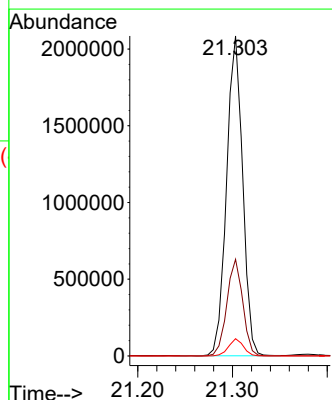
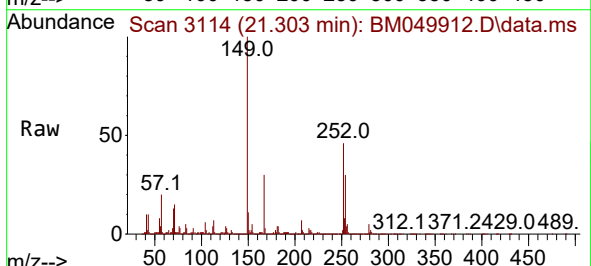
Tgt Ion:149 Resp: 2457490

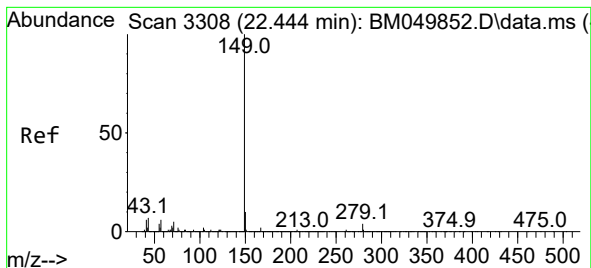
Ion Ratio Lower Upper

149 100

167 30.2 23.8 35.6

279 5.4 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 45.016 ng

RT: 22.433 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

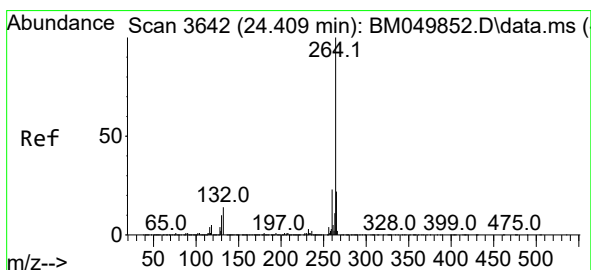
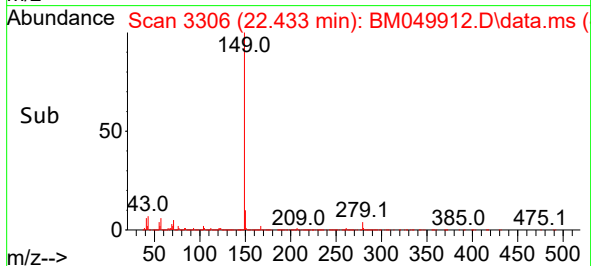
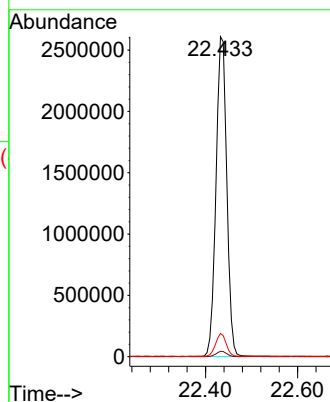
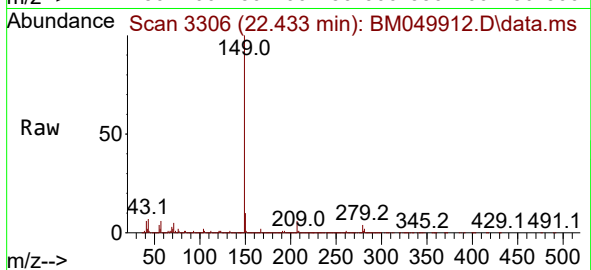
Tgt Ion:149 Resp: 4221315

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.1 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.391 min Scan# 3639

Delta R.T. -0.018 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

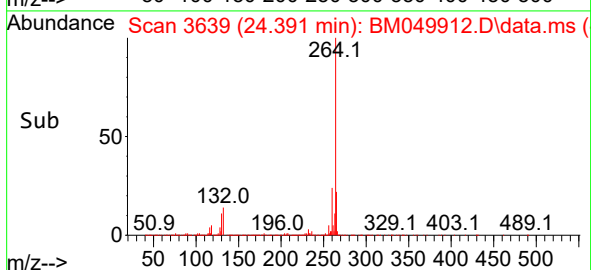
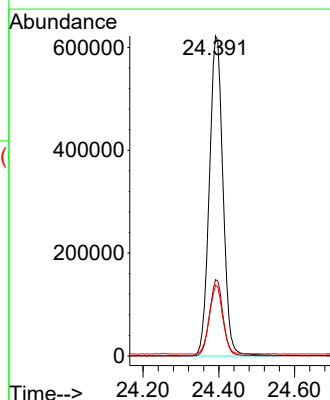
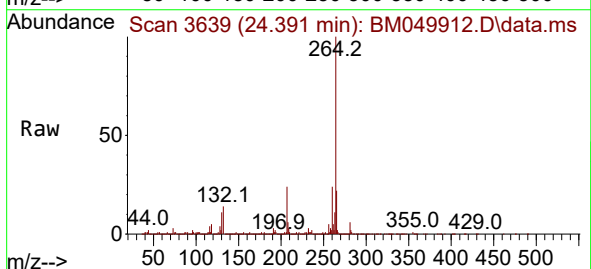
Tgt Ion:264 Resp: 1550610

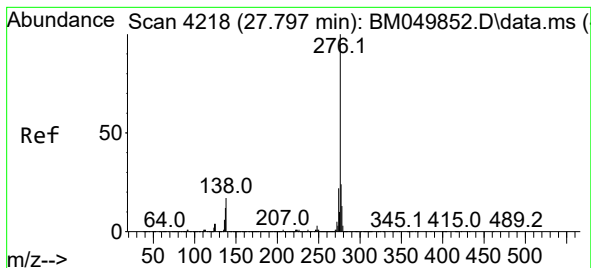
Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.1 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.564 ng

RT: 27.773 min Scan# 41

Delta R.T. -0.024 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

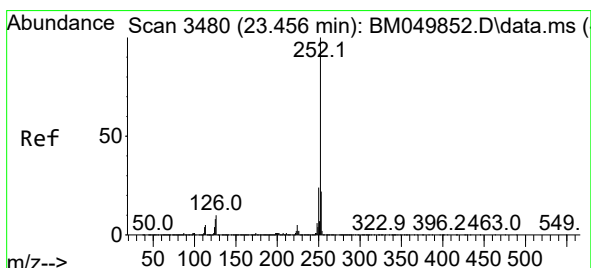
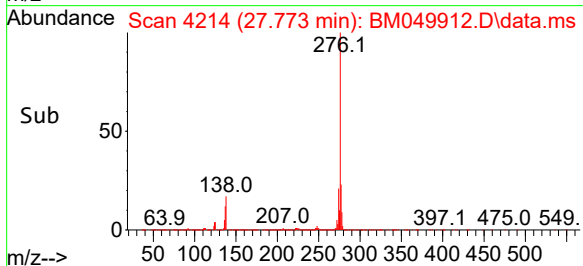
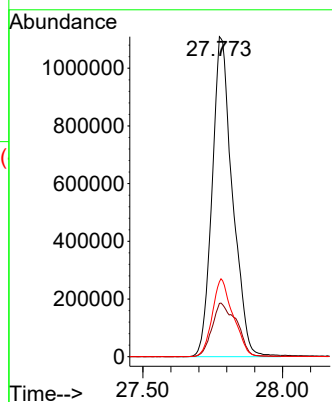
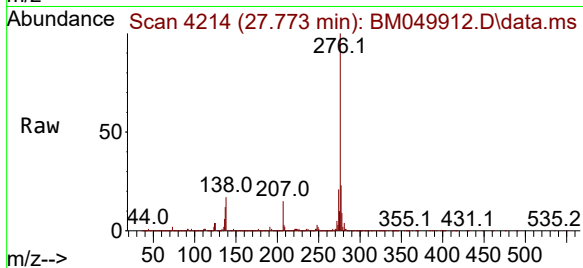
Tgt Ion:276 Resp: 5613255

Ion Ratio Lower Upper

276 100

138 20.3 16.8 25.2

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 44.830 ng

RT: 23.450 min Scan# 3479

Delta R.T. -0.006 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

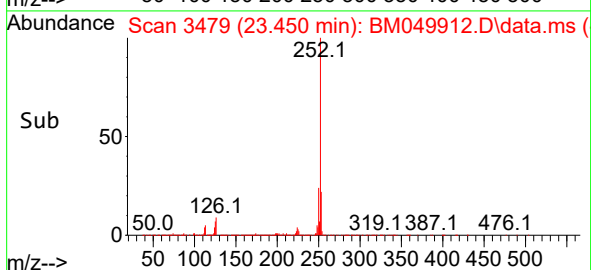
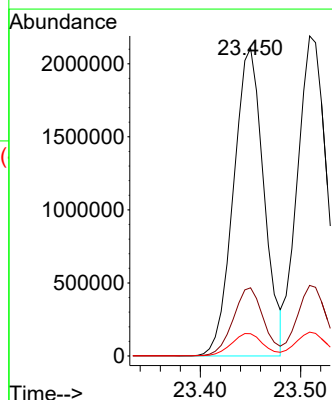
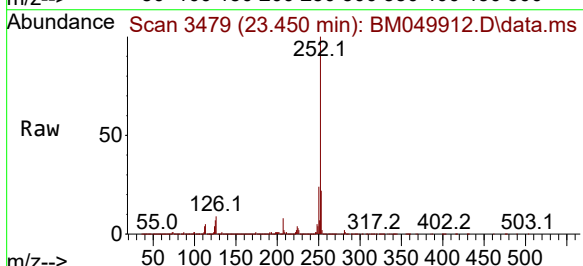
Tgt Ion:252 Resp: 4439545

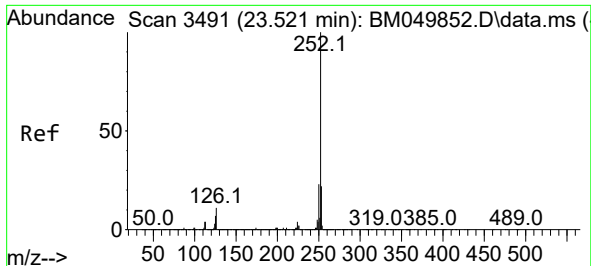
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.2 6.2 9.4

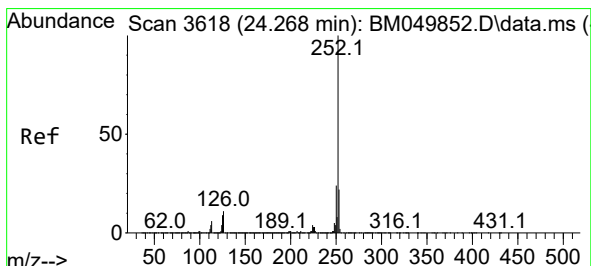
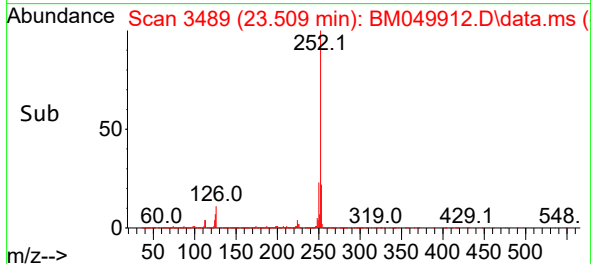
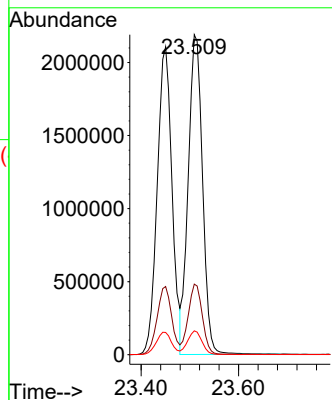
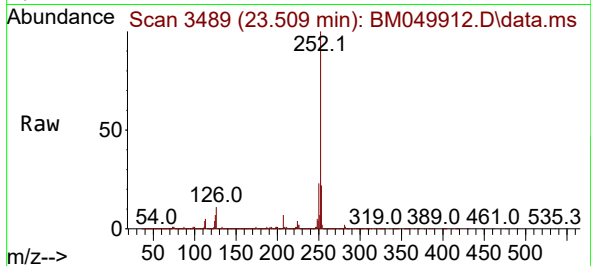




#89
Benzo(k)fluoranthene
Concen: 46.480 ng
RT: 23.509 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

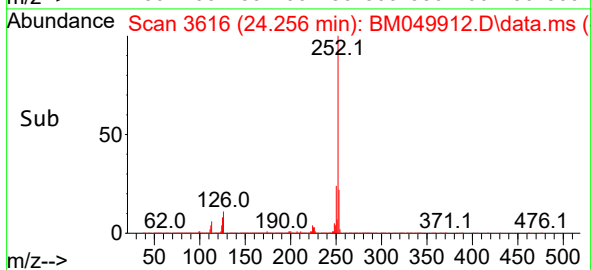
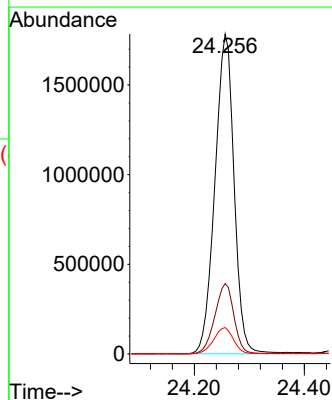
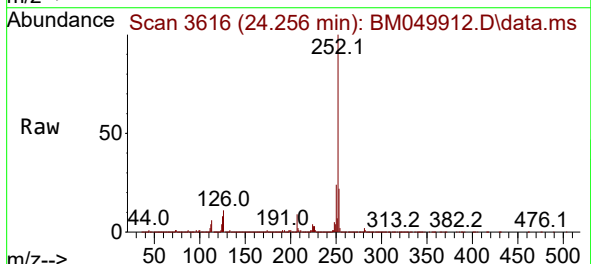
Instrument :
BNA_M
ClientSampleId :
PB167526BS

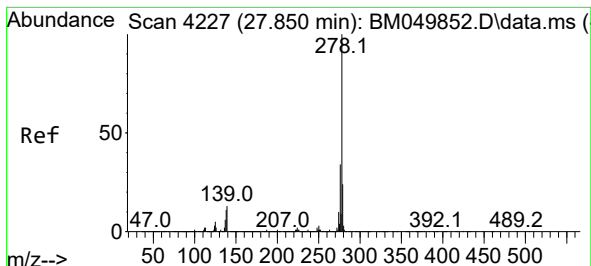
Tgt Ion:252 Resp: 4460670
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 7.5 5.8 8.8



#90
Benzo(a)pyrene
Concen: 49.473 ng
RT: 24.256 min Scan# 3616
Delta R.T. -0.012 min
Lab File: BM049912.D
Acq: 14 Apr 2025 13:48

Tgt Ion:252 Resp: 4305245
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.3 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 48.553 ng

RT: 27.832 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

PB167526BS

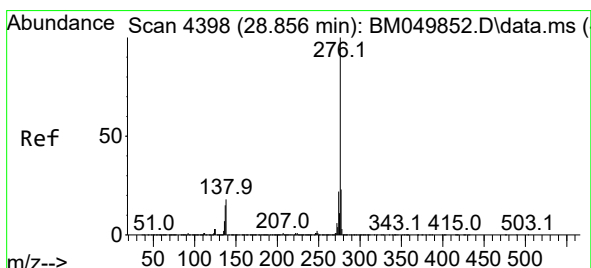
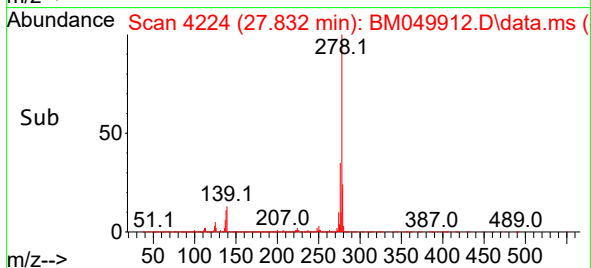
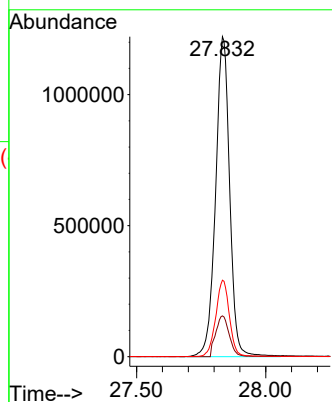
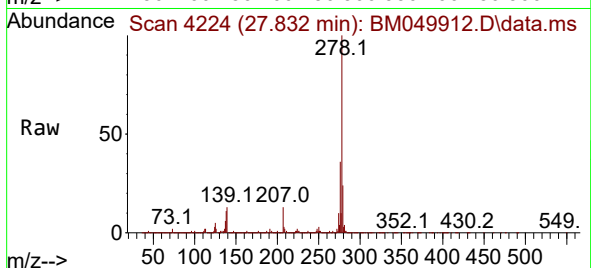
Tgt Ion:278 Resp: 4622492

Ion Ratio Lower Upper

278 100

139 12.8 10.6 15.8

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 46.238 ng

RT: 28.838 min Scan# 4395

Delta R.T. -0.018 min

Lab File: BM049912.D

Acq: 14 Apr 2025 13:48

Tgt Ion:276 Resp: 4498396

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 17.4 14.6 21.8

