

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049819.D
 Acq On : 04 Apr 2025 11:56
 Operator : RC/JU
 Sample : PB167436BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167436BS

Quant Time: Apr 04 12:30:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	400596	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1349919	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	818489	20.000	ng	-0.01
64) Phenanthrene-d10	17.168	188	1501690	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1349007	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1305543	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3310949	139.458	ng	-0.01
7) Phenol-d6	6.963	99	3951990	132.642	ng	-0.02
23) Nitrobenzene-d5	8.945	82	2312675	87.959	ng	-0.02
42) 2,4,6-Tribromophenol	15.921	330	1691760	177.009	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	5874284	89.883	ng	-0.02
79) Terphenyl-d14	19.797	244	8389745	104.801	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	388089	37.761	ng	97
3) Pyridine	3.669	79	1084680	41.325	ng	96
4) n-Nitrosodimethylamine	3.575	42	458481	39.478	ng	91
6) Aniline	7.110	93	879673	35.241	ng	99
8) 2-Chlorophenol	7.357	128	1147232	48.796	ng	96
9) Benzaldehyde	6.922	77	587124	39.862	ng	96
10) Phenol	6.992	94	1364467	47.230	ng	93
11) bis(2-Chloroethyl)ether	7.210	93	1074345	45.923	ng	98
12) 1,3-Dichlorobenzene	7.675	146	1363420	47.719	ng	97
13) 1,4-Dichlorobenzene	7.822	146	1370781	47.556	ng	98
14) 1,2-Dichlorobenzene	8.139	146	1312164	47.900	ng	98
15) Benzyl Alcohol	8.028	79	885696	47.370	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.310	45	1261474	45.878	ng	99
17) 2-Methylphenol	8.234	107	867727	50.591	ng	97
18) Hexachloroethane	8.869	117	480618	47.217	ng	92
19) n-Nitroso-di-n-propyla...	8.598	70	776946	44.971	ng	95
20) 3+4-Methylphenols	8.563	107	1153991	50.205	ng	98
22) Acetophenone	8.610	105	1564246	44.941	ng	97
24) Nitrobenzene	8.986	77	1117968	45.094	ng	95
25) Isophorone	9.516	82	2055786	50.925	ng	98
26) 2-Nitrophenol	9.698	139	582468	55.199	ng	93
27) 2,4-Dimethylphenol	9.763	122	956875	71.241	ng	95
28) bis(2-Chloroethoxy)met...	9.992	93	1311154	46.115	ng	99
29) 2,4-Dichlorophenol	10.233	162	1085044	49.576	ng	96
30) 1,2,4-Trichlorobenzene	10.445	180	1279009	46.708	ng	99
31) Naphthalene	10.633	128	3168557	45.648	ng	100
32) Benzoic acid	9.898	122	627814	54.960	ng	93
33) 4-Chloroaniline	10.739	127	453914	19.161	ng	98
34) Hexachlorobutadiene	10.922	225	807104	47.745	ng	98
35) Caprolactam	11.527	113	273273	53.780	ng	95
36) 4-Chloro-3-methylphenol	11.874	107	925245	49.262	ng	100
37) 2-Methylnaphthalene	12.245	142	2052837	42.294	ng	99
38) 1-Methylnaphthalene	12.469	142	2143822	45.780	ng	99
40) 1,2,4,5-Tetrachloroben...	12.621	216	1412989	46.998	ng	98
41) Hexachlorocyclopentadiene	12.604	237	2183164	196.010	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	869712	51.651	ng	99

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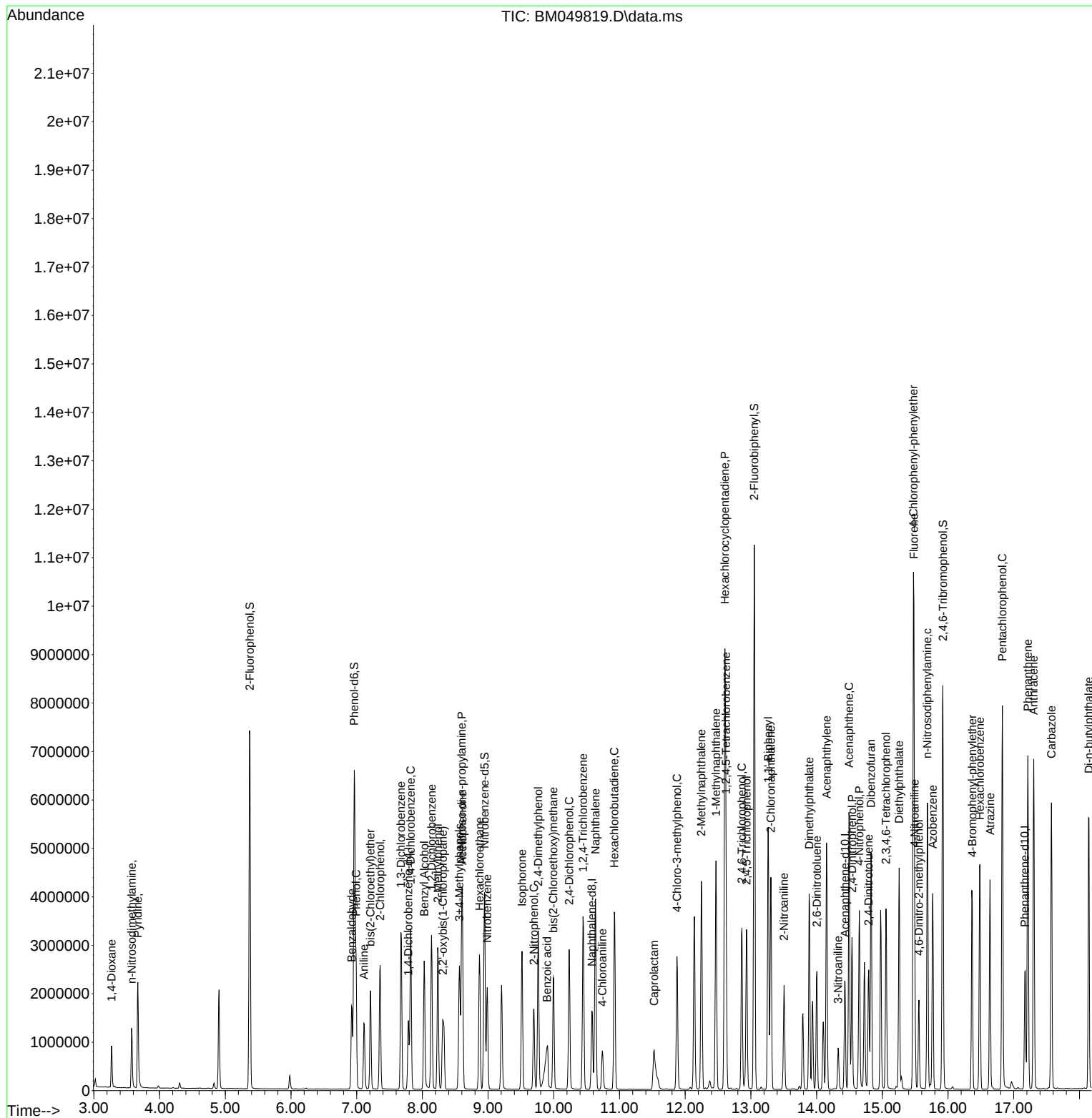
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	929909	50.608	ng	99
46) 1,1'-Biphenyl	13.263	154	2909701	46.126	ng	99
47) 2-Chloronaphthalene	13.304	162	2308163	47.009	ng	99
48) 2-Nitroaniline	13.504	65	537947	48.805	ng	92
49) Acenaphthylene	14.151	152	3559549	51.864	ng	99
50) Dimethylphthalate	13.886	163	2678782	47.536	ng	100
51) 2,6-Dinitrotoluene	14.004	165	567248	50.237	ng	89
52) Acenaphthene	14.492	154	2085072	46.316	ng	99
53) 3-Nitroaniline	14.327	138	230138	21.418	ng	97
54) 2,4-Dinitrophenol	14.539	184	727360	94.350	ng	90
55) Dibenzofuran	14.827	168	3316858	44.216	ng	98
56) 4-Nitrophenol	14.651	139	1015766	108.604	ng	88
57) 2,4-Dinitrotoluene	14.792	165	785062	54.033	ng	94
58) Fluorene	15.480	166	2790132	45.683	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	768275	49.950	ng	98
60) Diethylphthalate	15.257	149	2513172	47.352	ng	98
61) 4-Chlorophenyl-phenyle...	15.474	204	1522965	45.664	ng	99
62) 4-Nitroaniline	15.492	138	539975	42.688	ng	92
63) Azobenzene	15.768	77	2190312	43.206	ng	94
65) 4,6-Dinitro-2-methylph...	15.557	198	434115	51.997	ng	97
66) n-Nitrosodiphenylamine	15.686	169	2291375	50.362	ng	98
67) 4-Bromophenyl-phenylether	16.368	248	869131	50.129	ng	96
68) Hexachlorobenzene	16.486	284	983982	50.469	ng	96
69) Atrazine	16.639	200	804116	80.195	ng	100
70) Pentachlorophenol	16.827	266	1402990	114.507	ng	98
71) Phenanthrene	17.215	178	4083770	48.975	ng	100
72) Anthracene	17.304	178	4168596	51.621	ng	100
73) Carbazole	17.574	167	3715066	50.798	ng	99
74) Di-n-butylphthalate	18.145	149	4225661	52.717	ng	99
75) Fluoranthene	19.227	202	4720250	49.169	ng	100
77) Benzidine	19.409	184	1640274	101.208	ng	100
78) Pyrene	19.592	202	4850230	51.462	ng	100
80) Butylbenzylphthalate	20.492	149	1776453	60.735	ng	97
81) Benzo(a)anthracene	21.392	228	4605146	51.109	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	871157	29.696	ng	100
83) Chrysene	21.450	228	4254284	49.808	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2634928	57.804	ng	98
85) Di-n-octyl phthalate	22.450	149	4354676	61.464	ng	97
87) Indeno(1,2,3-cd)pyrene	27.797	276	4692116	49.934	ng	99
88) Benzo(b)fluoranthene	23.462	252	4127442	46.939	ng	98
89) Benzo(k)fluoranthene	23.527	252	4200333	48.545	ng	99
90) Benzo(a)pyrene	24.268	252	3948054	53.453	ng	100
91) Dibenzo(a,h)anthracene	27.856	278	3862081	49.331	ng	99
92) Benzo(g,h,i)perylene	28.856	276	3685691	46.738	ng	99

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

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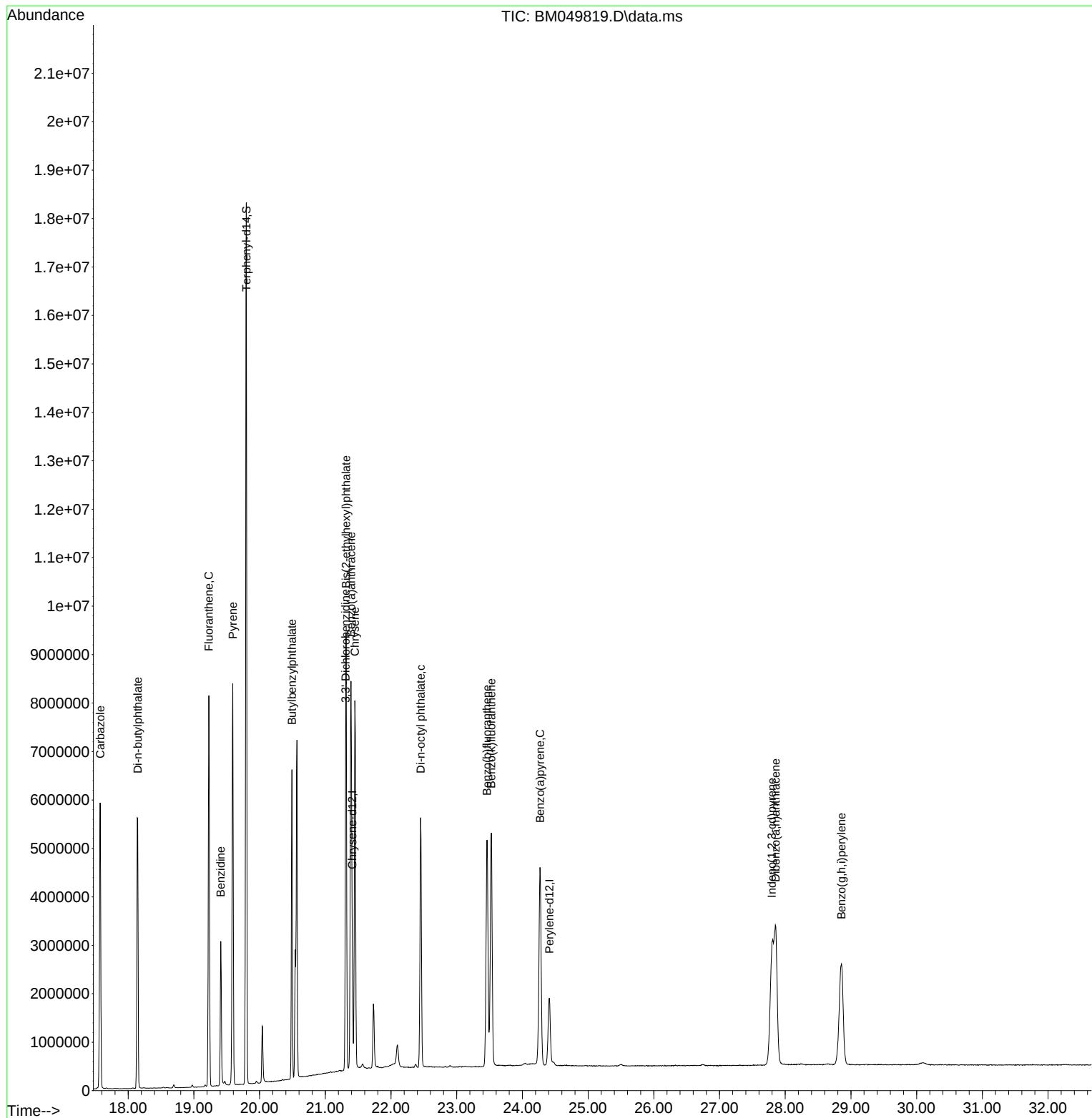
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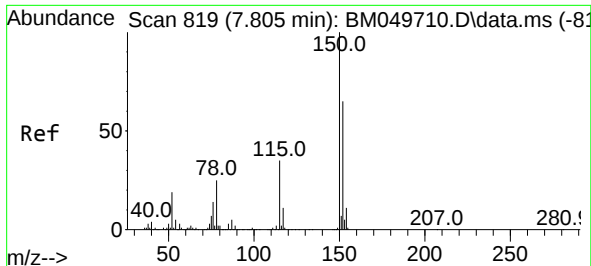


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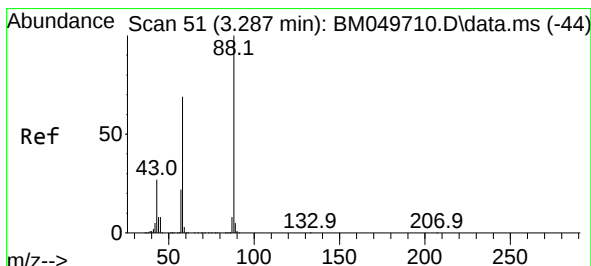
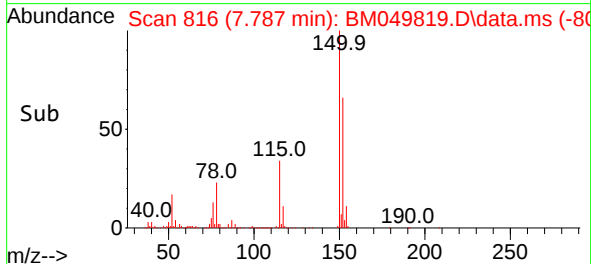
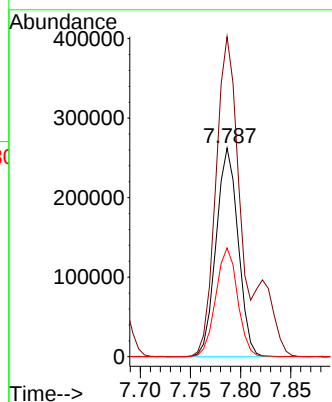
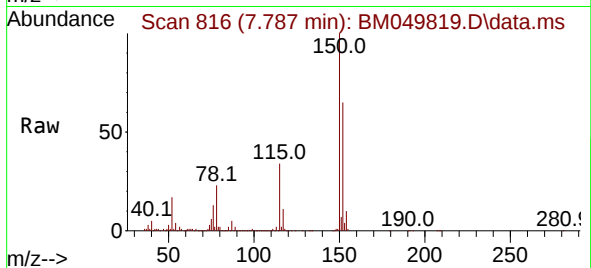




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM049819.D
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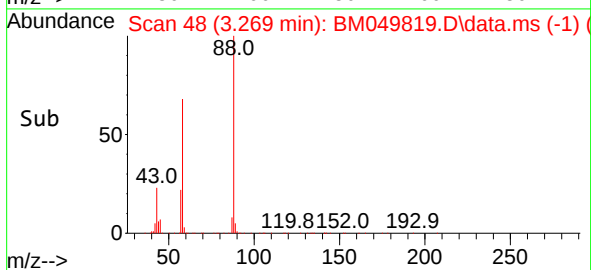
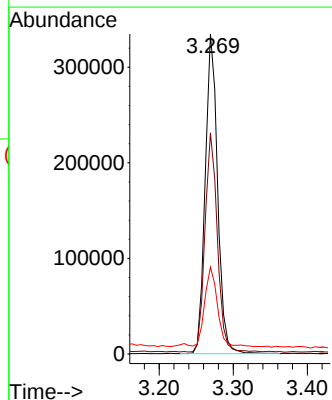
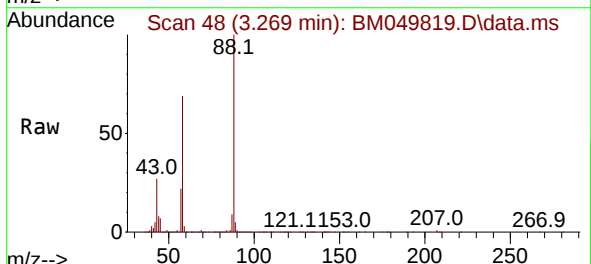
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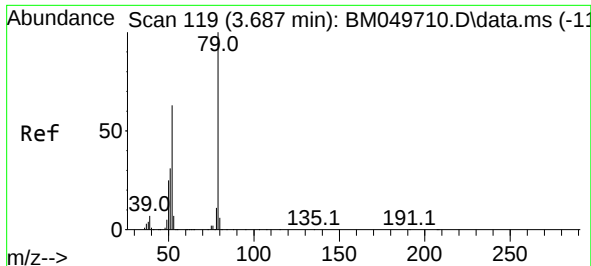
Tgt Ion:152 Resp: 400596
 Ion Ratio Lower Upper
 152 100
 150 153.4 123.8 185.8
 115 52.2 43.0 64.6



#2
 1,4-Dioxane
 Concen: 37.761 ng
 RT: 3.269 min Scan# 48
 Delta R.T. -0.018 min
 Lab File: BM049819.D
 Acq: 04 Apr 2025 11:56

Tgt Ion: 88 Resp: 388089
 Ion Ratio Lower Upper
 88 100
 58 68.5 56.7 85.1
 43 26.5 22.6 34.0

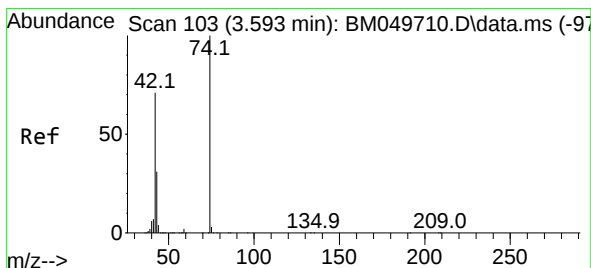
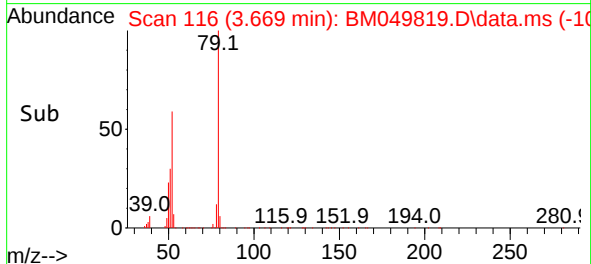
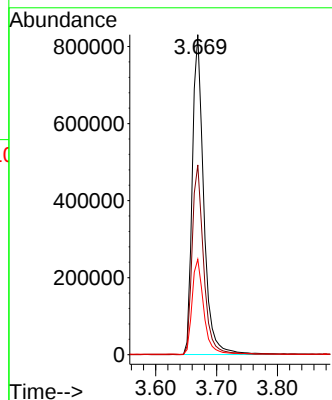
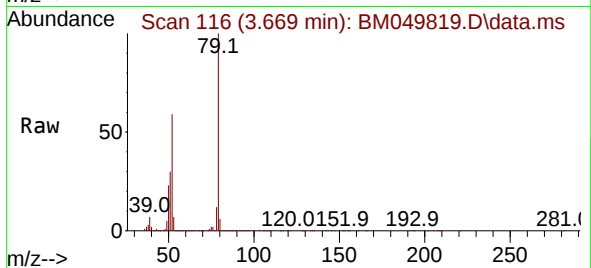




#3
Pyridine
Concen: 41.325 ng
RT: 3.669 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

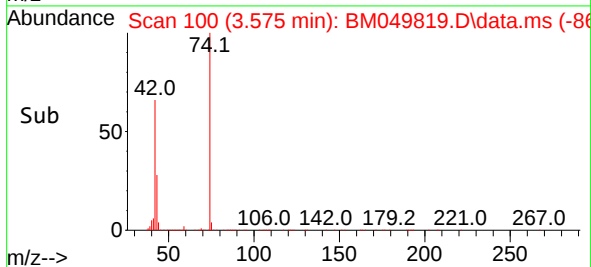
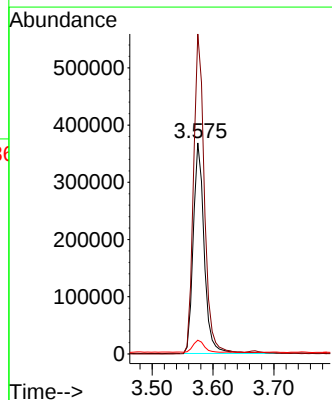
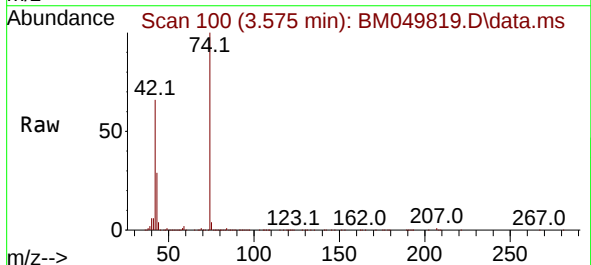
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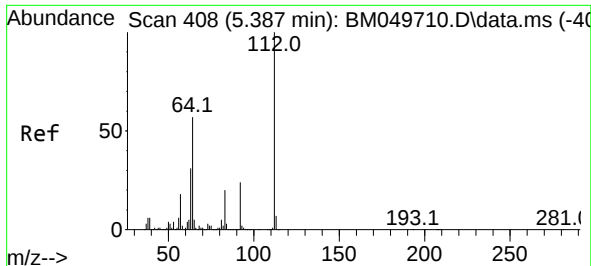
Tgt Ion: 79 Resp: 1084680
Ion Ratio Lower Upper
79 100
52 59.3 50.1 75.1
51 29.8 25.2 37.8



#4
n-Nitrosodimethylamine
Concen: 39.478 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion: 42 Resp: 458481
Ion Ratio Lower Upper
42 100
74 151.6 112.6 168.8
44 6.5 5.0 7.6

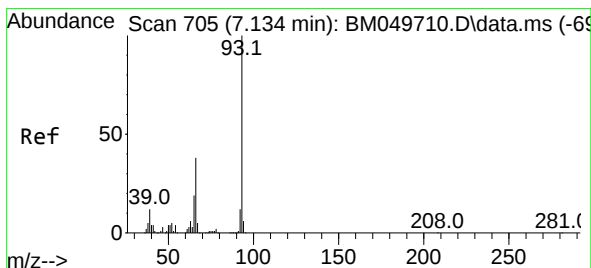
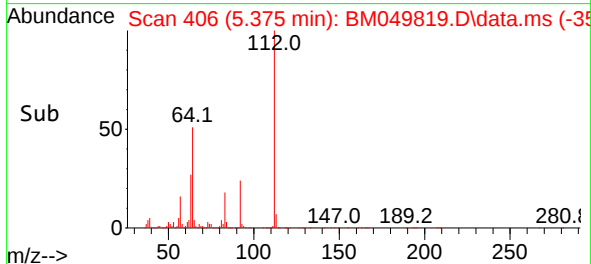
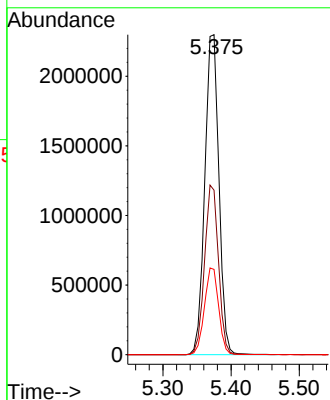
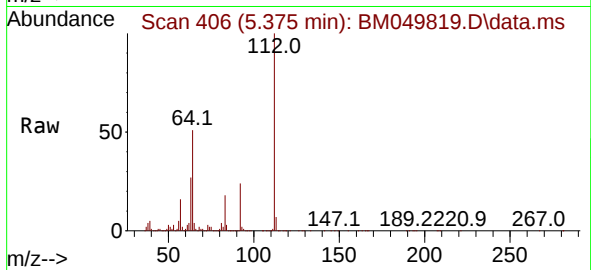




#5
2-Fluorophenol
Concen: 139.458 ng
RT: 5.375 min Scan# 408
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

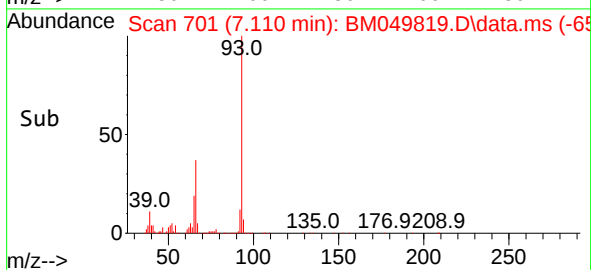
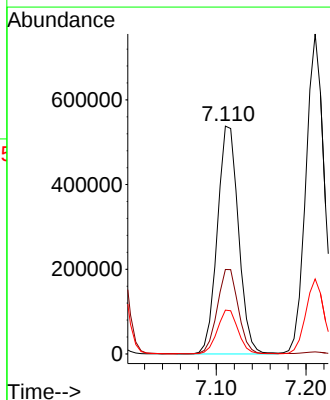
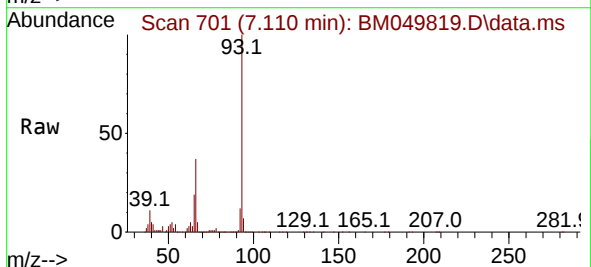
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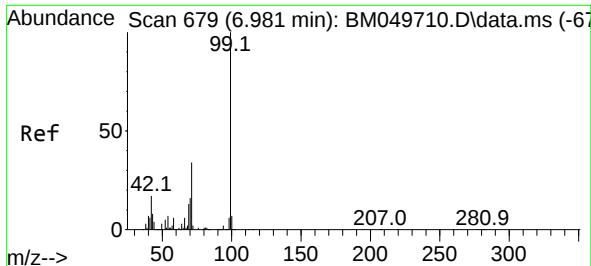
Tgt Ion:112 Resp: 3310949
Ion Ratio Lower Upper
112 100
64 51.4 45.3 67.9
63 26.7 24.4 36.6



#6
Aniline
Concen: 35.241 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion: 93 Resp: 879673
Ion Ratio Lower Upper
93 100
66 37.1 30.6 46.0
65 19.2 15.4 23.2

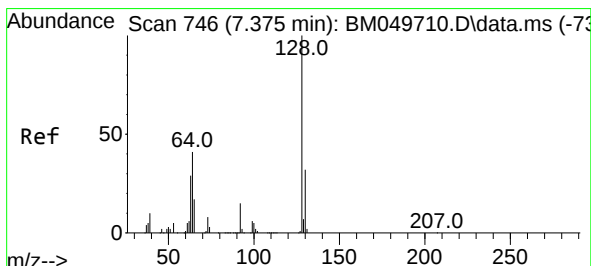
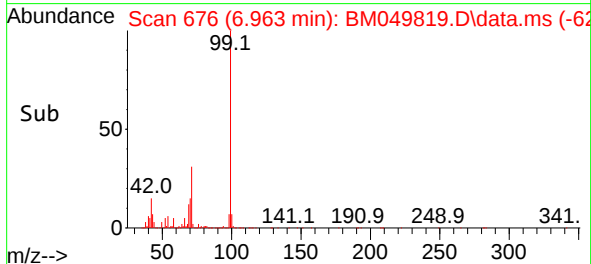
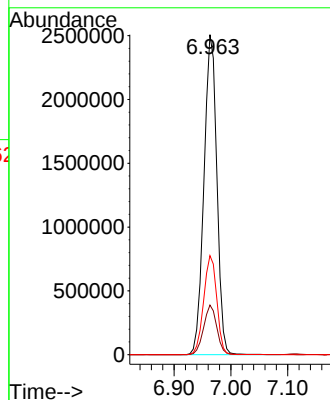
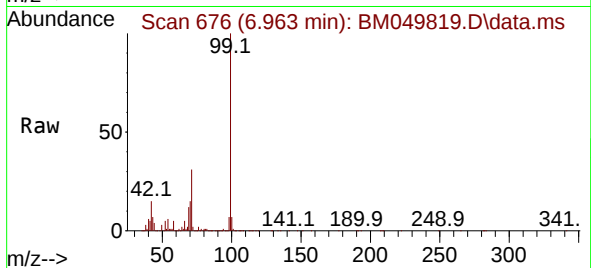




#7
Phenol-d6
Concen: 132.642 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049819.D
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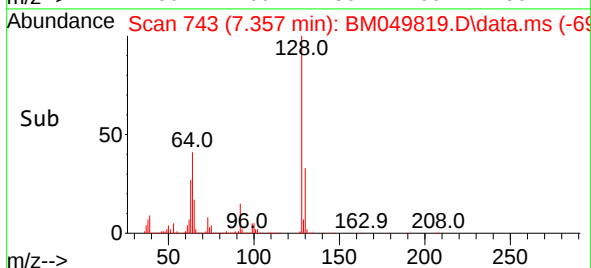
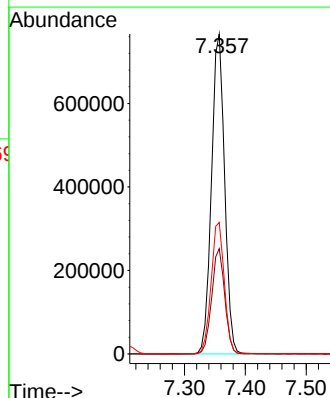
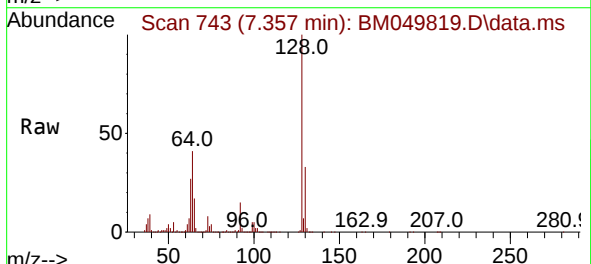
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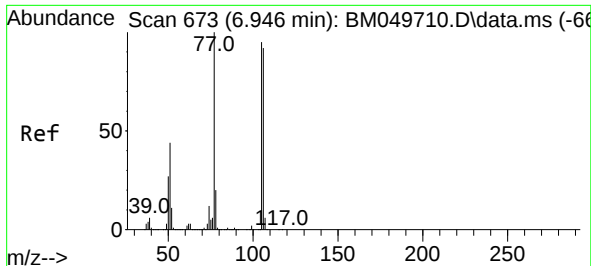
Tgt Ion: 99 Resp: 3951990
Ion Ratio Lower Upper
99 100
42 15.5 13.6 20.4
71 31.0 27.0 40.6



#8
2-Chlorophenol
Concen: 48.796 ng
RT: 7.357 min Scan# 743
Delta R.T. -0.018 min
Lab File: BM049819.D
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Tgt Ion:128 Resp: 1147232
Ion Ratio Lower Upper
128 100
130 32.9 12.5 52.5
64 41.1 24.9 64.9

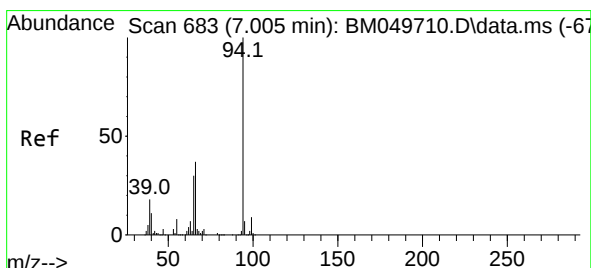
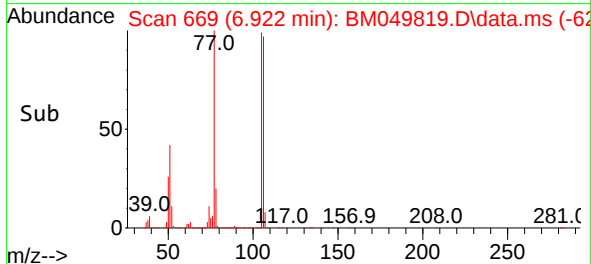
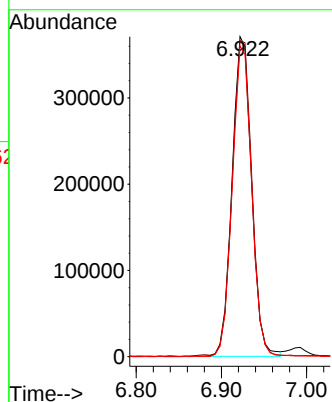
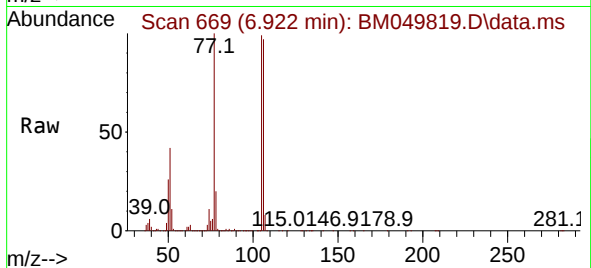




#9
Benzaldehyde
Concen: 39.862 ng
RT: 6.922 min Scan# 609
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

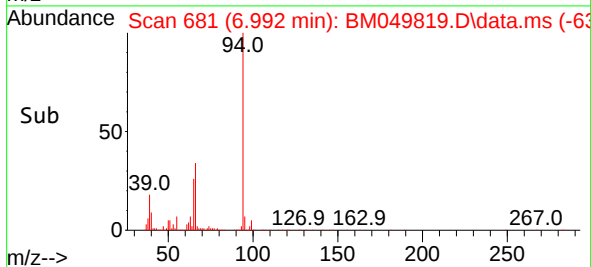
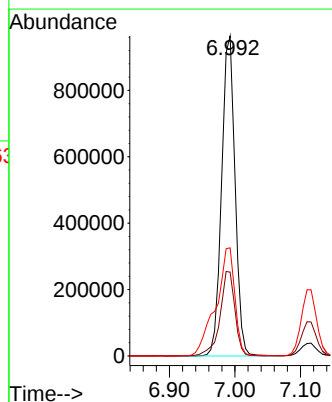
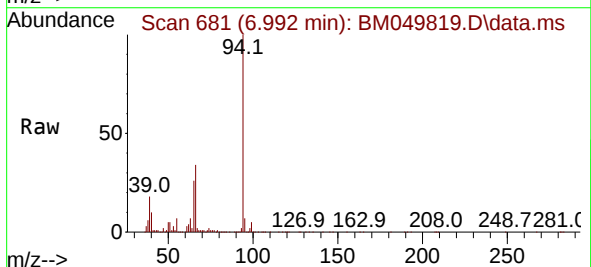
Instrument :
BNA_M
ClientSampleId :
PB167436BS

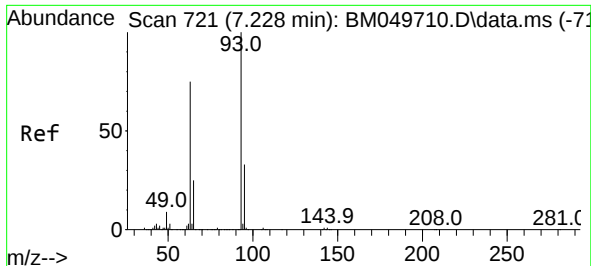
Tgt Ion: 77 Resp: 587124
Ion Ratio Lower Upper
77 100
105 98.8 75.0 115.0
106 97.1 72.3 112.3



#10
Phenol
Concen: 47.230 ng
RT: 6.992 min Scan# 681
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion: 94 Resp: 1364467
Ion Ratio Lower Upper
94 100
65 26.2 10.4 50.4
66 33.8 17.1 57.1

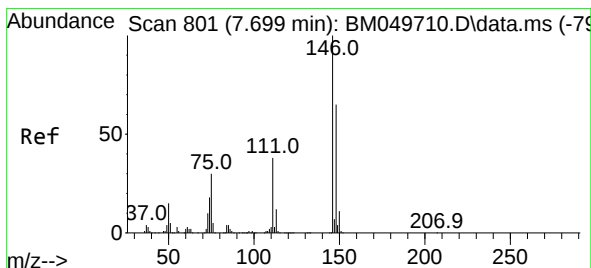
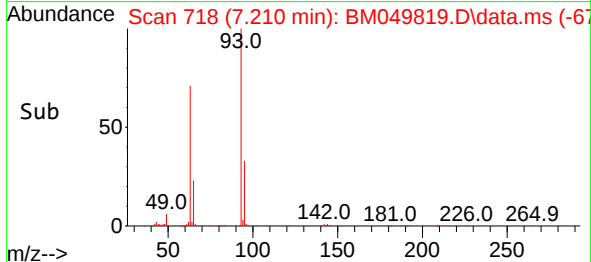
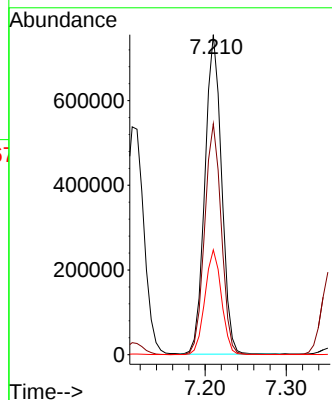
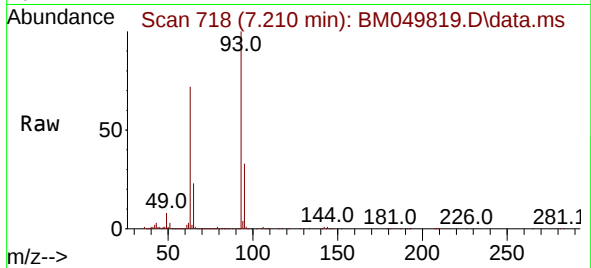




#11
bis(2-Chloroethyl)ether
Concen: 45.923 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

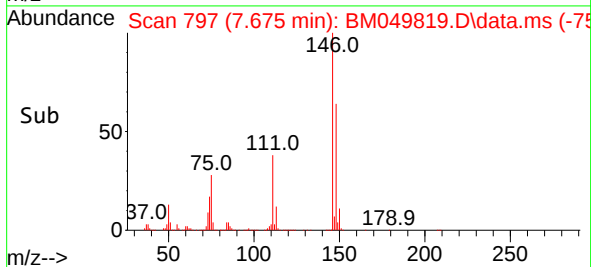
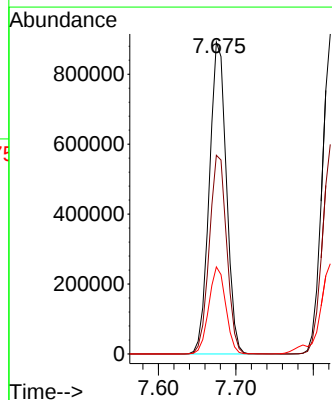
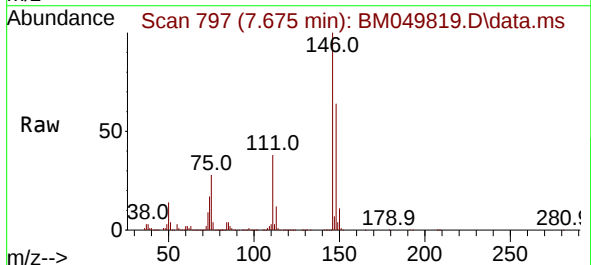
Instrument :
BNA_M
ClientSampleId :
PB167436BS

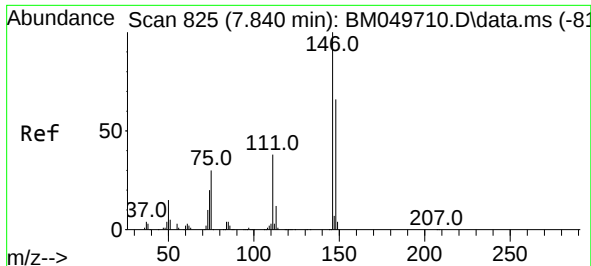
Tgt Ion: 93 Resp: 1074345
Ion Ratio Lower Upper
93 100
63 72.2 54.8 94.8
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.719 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:146 Resp: 1363420
Ion Ratio Lower Upper
146 100
148 63.7 52.3 78.5
75 27.9 24.2 36.2

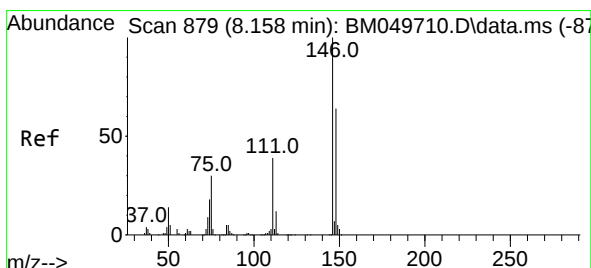
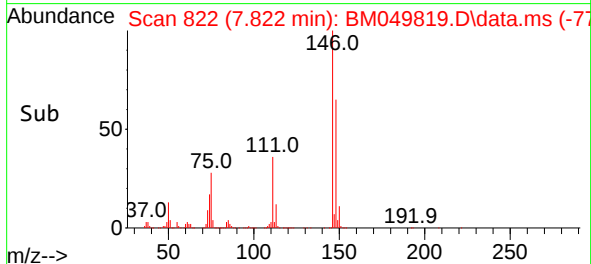
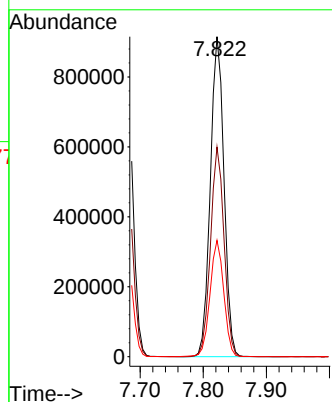
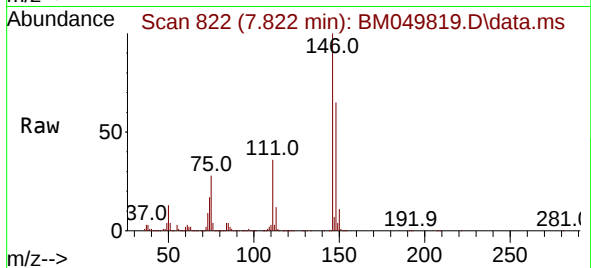




#13
1,4-Dichlorobenzene
Concen: 47.556 ng
RT: 7.822 min Scan# 811
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

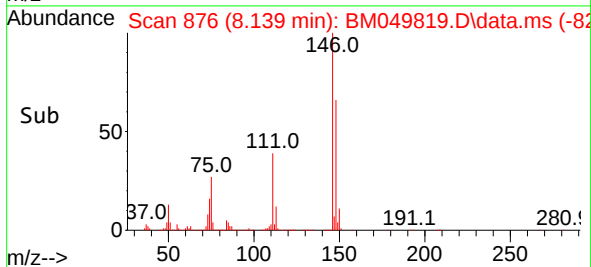
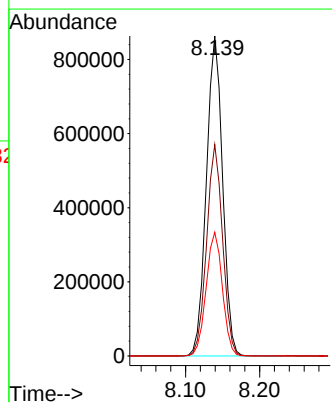
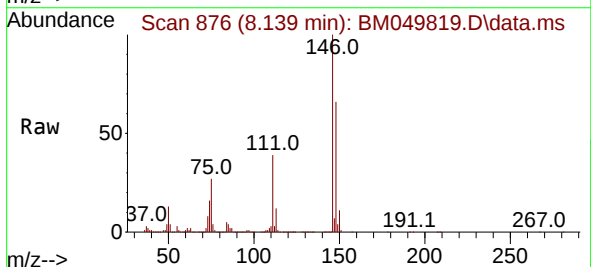
Instrument :
BNA_M
ClientSampleId :
PB167436BS

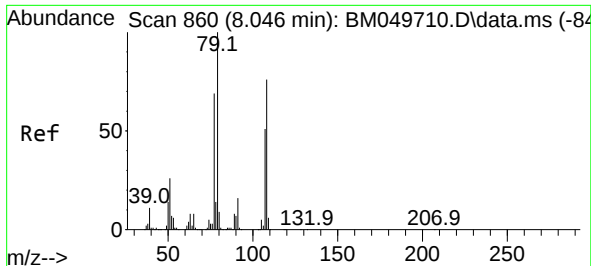
Tgt Ion:146 Resp: 1370781
Ion Ratio Lower Upper
146 100
148 65.5 52.6 79.0
111 36.4 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 47.900 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:146 Resp: 1312164
Ion Ratio Lower Upper
146 100
148 66.1 50.9 76.3
111 38.6 31.0 46.6

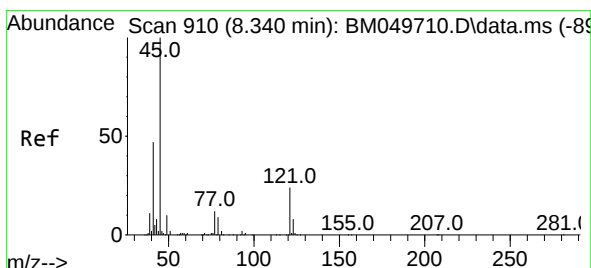
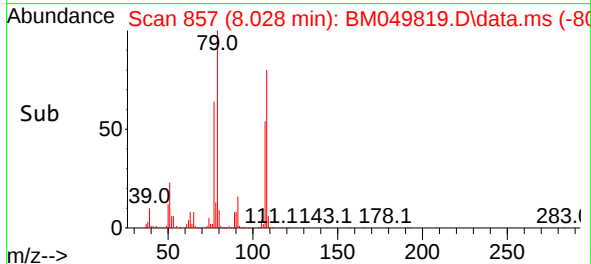
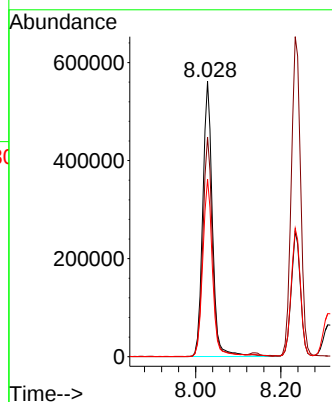
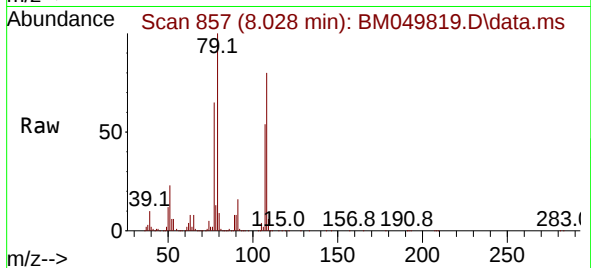




#15
Benzyl Alcohol
Concen: 47.370 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

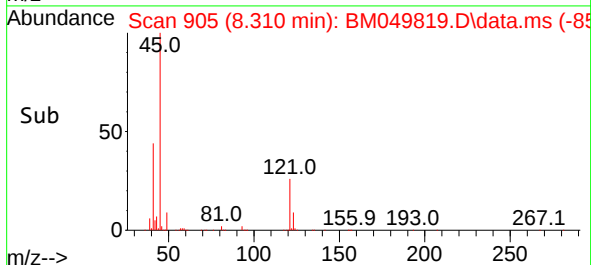
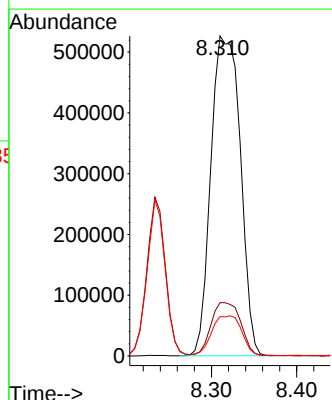
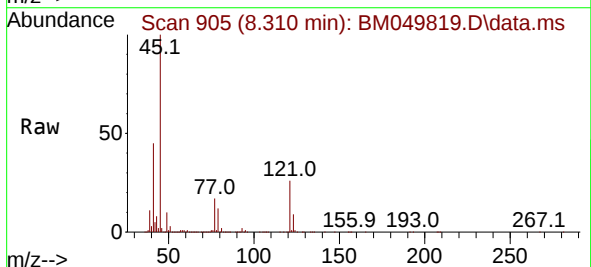
Instrument :
BNA_M
ClientSampleId :
PB167436BS

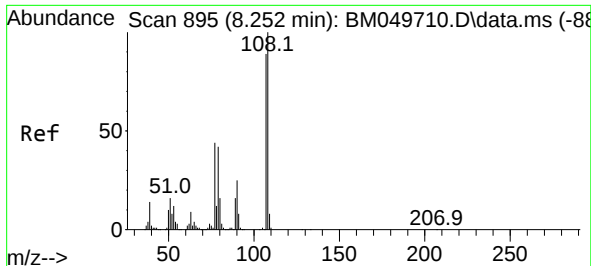
Tgt Ion: 79 Resp: 885696
Ion Ratio Lower Upper
79 100
108 79.8 60.7 91.1
77 64.5 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.878 ng
RT: 8.310 min Scan# 905
Delta R.T. -0.030 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion: 45 Resp: 1261474
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.1
79 12.3 0.0 32.8



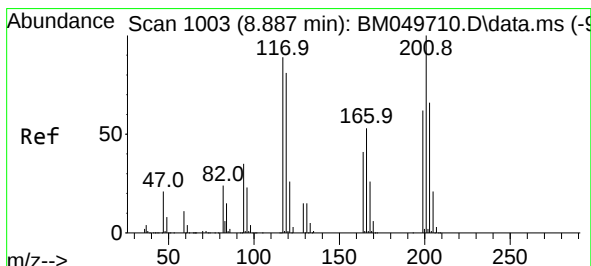
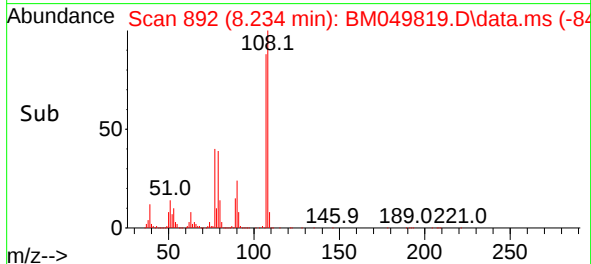
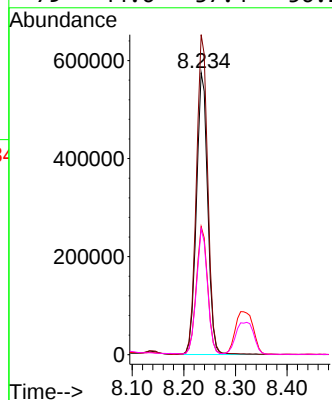
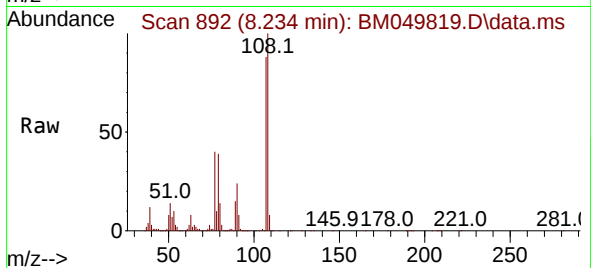


#17
2-Methylphenol
Concen: 50.591 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Instrument :
BNA_M
ClientSampleId :
PB167436BS

Tgt Ion:107 Resp: 867727

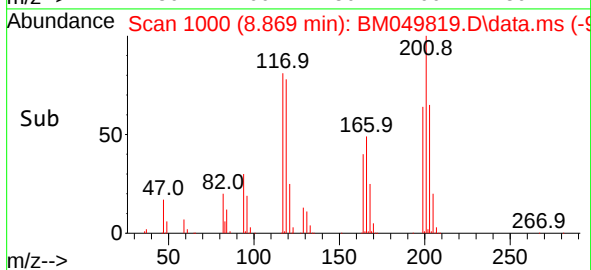
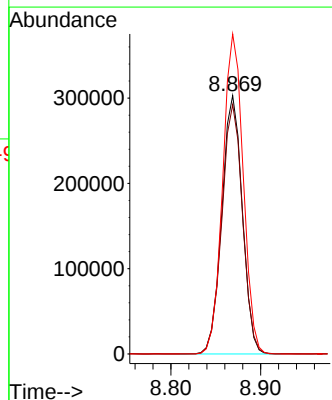
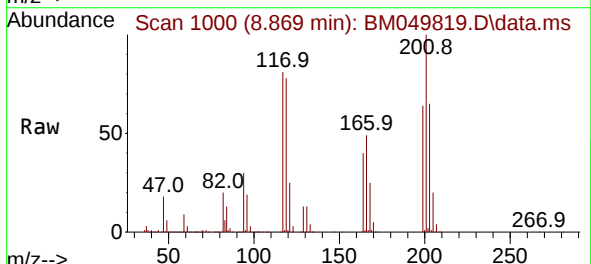
Ion	Ratio	Lower	Upper
107	100		
108	113.5	89.6	134.4
77	45.4	39.8	59.6
79	44.6	37.4	56.2

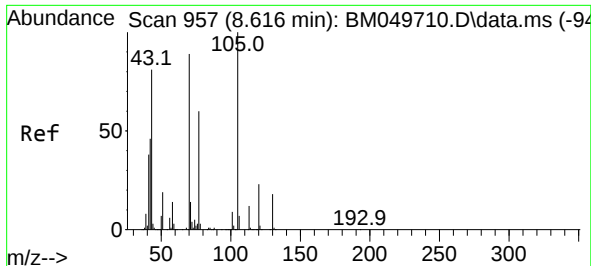


#18
Hexachloroethane
Concen: 47.217 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:117 Resp: 480618

Ion	Ratio	Lower	Upper
117	100		
119	96.5	73.1	109.7
201	123.8	90.0	135.0

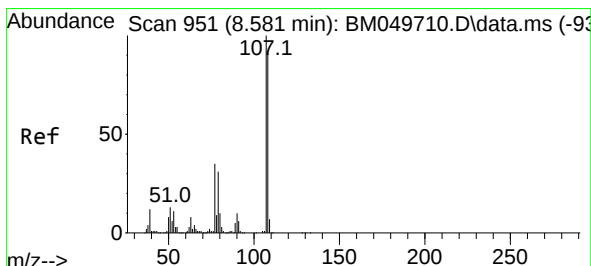
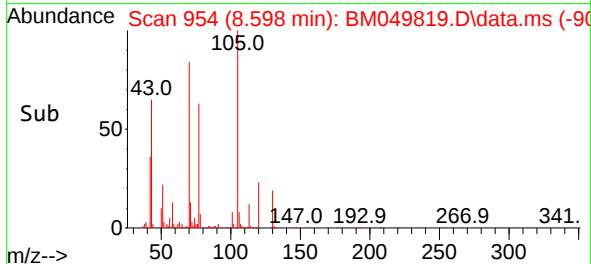
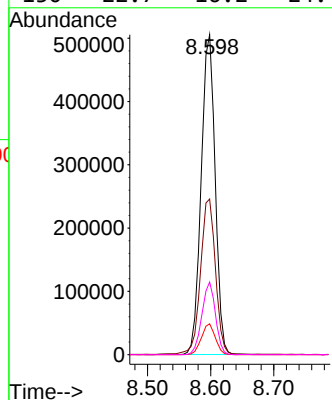
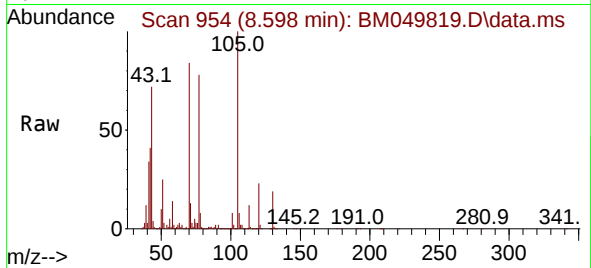




#19
n-Nitroso-di-n-propylamine
Concen: 44.971 ng
RT: 8.598 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

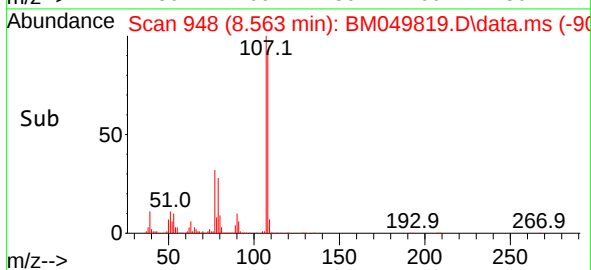
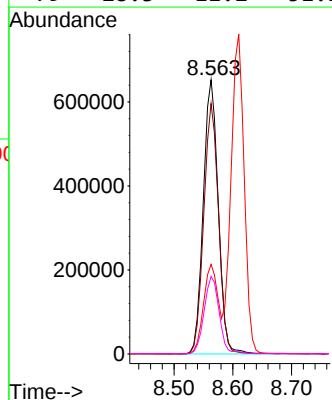
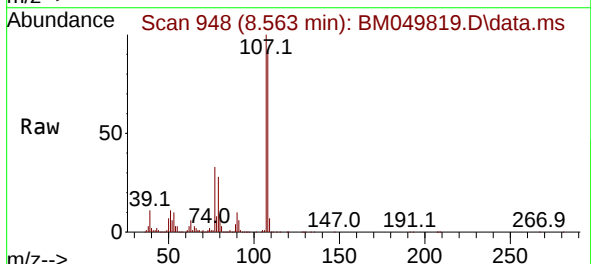
Instrument :
BNA_M
ClientSampleId :
PB167436BS

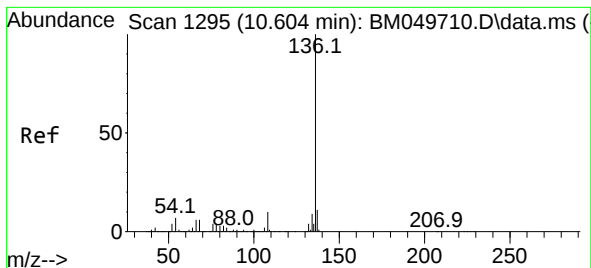
Tgt Ion: 70 Resp: 776946
Ion Ratio Lower Upper
70 100
42 48.6 41.8 62.6
101 9.6 7.7 11.5
130 22.7 16.2 24.4



#20
3+4-Methylphenols
Concen: 50.205 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

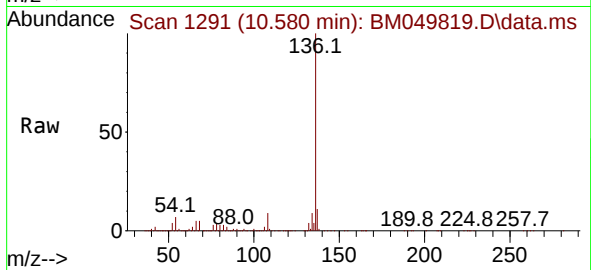
Tgt Ion: 107 Resp: 1153991
Ion Ratio Lower Upper
107 100
108 91.3 71.0 111.0
77 32.7 15.1 55.1
79 28.3 11.2 51.2



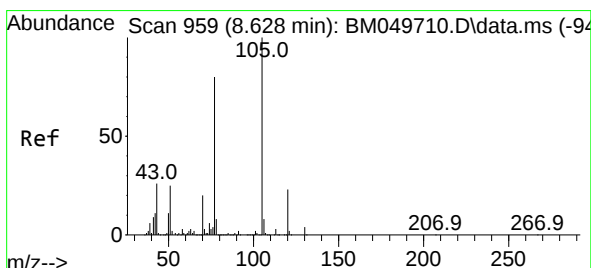
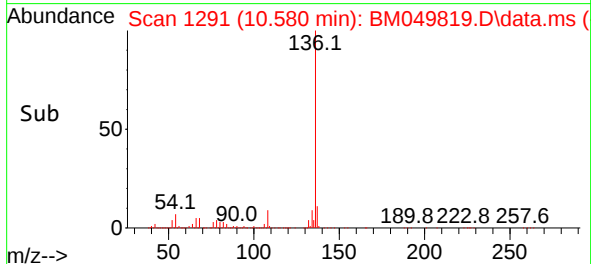
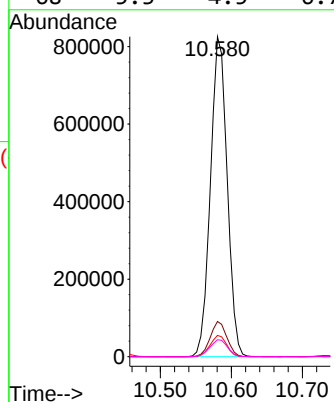


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Instrument :
BNA_M
ClientSampleId :
PB167436BS

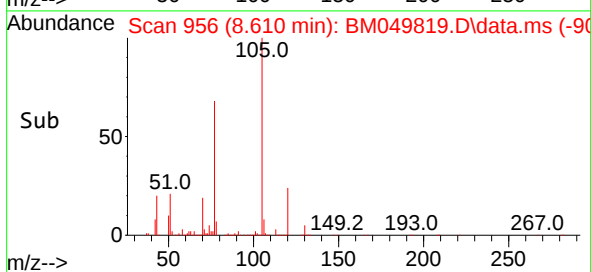
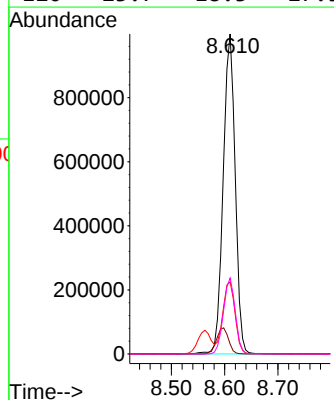
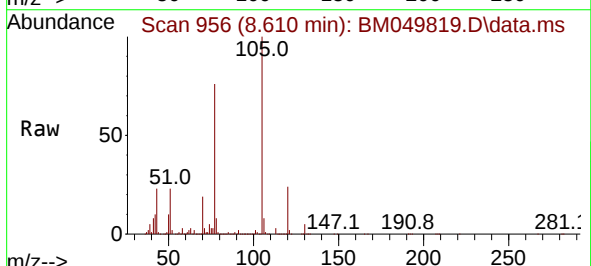


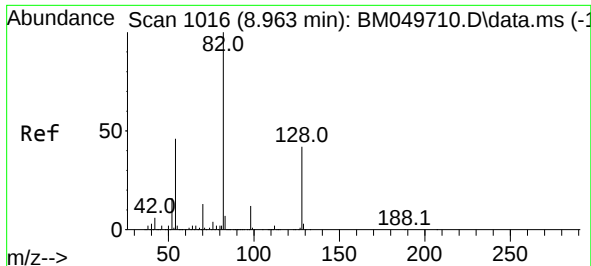
Tgt Ion:136 Resp: 1349919
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.7 5.8 8.8
68 5.3 4.5 6.7



#22
Acetophenone
Concen: 44.941 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:105 Resp: 1564246
Ion Ratio Lower Upper
105 100
71 3.1 2.5 3.7
51 22.5 19.9 29.9
120 23.7 18.3 27.5

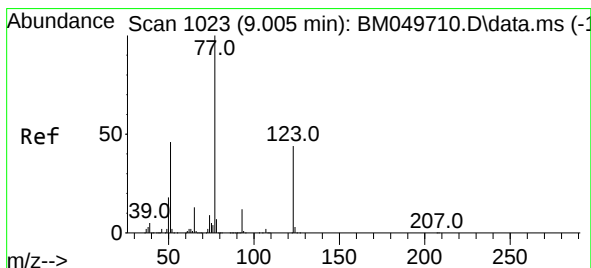
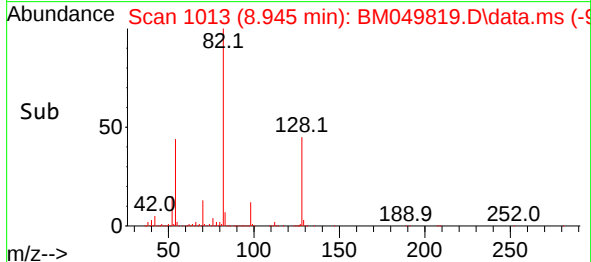
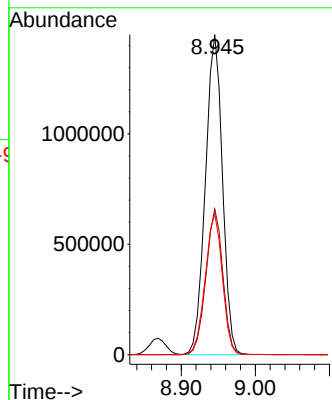
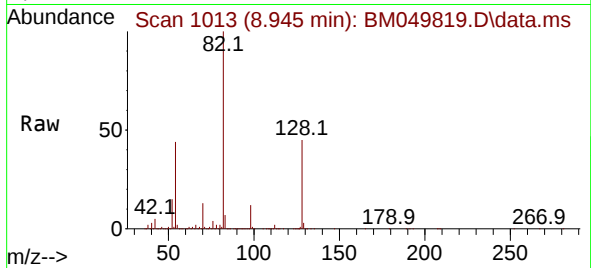




#23
Nitrobenzene-d5
Concen: 87.959 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

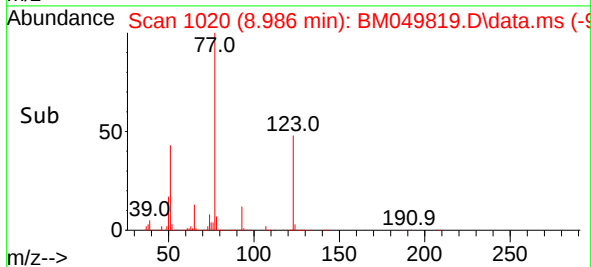
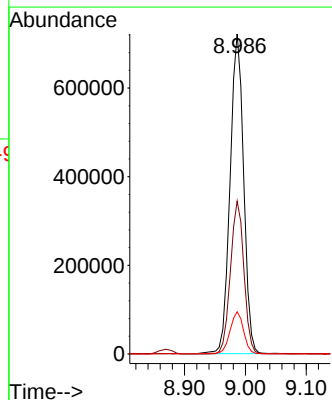
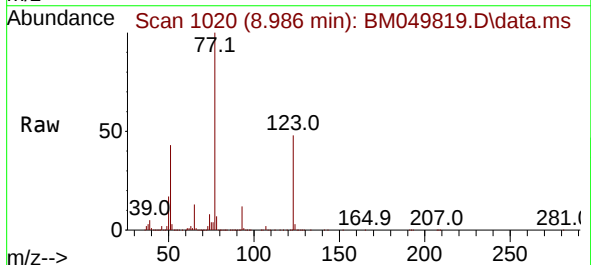
Instrument :
BNA_M
ClientSampleId :
PB167436BS

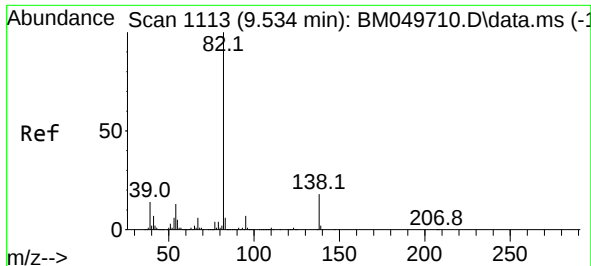
Tgt Ion: 82 Resp: 2312675
Ion Ratio Lower Upper
82 100
128 45.5 33.4 50.0
54 43.9 36.4 54.6



#24
Nitrobenzene
Concen: 45.094 ng
RT: 8.986 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion: 77 Resp: 1117968
Ion Ratio Lower Upper
77 100
123 47.8 34.9 52.3
65 13.2 10.6 15.8





#25

Isophorone

Concen: 50.925 ng

RT: 9.516 min Scan# 1110

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

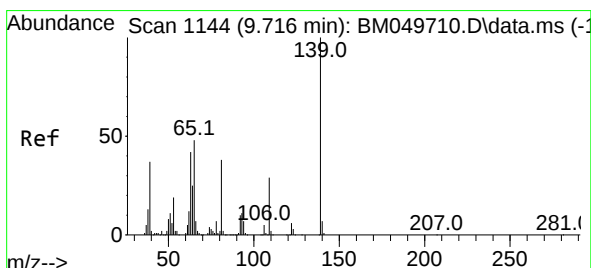
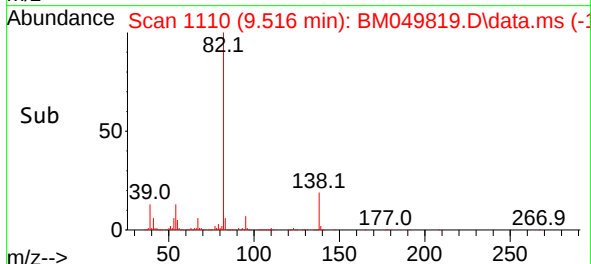
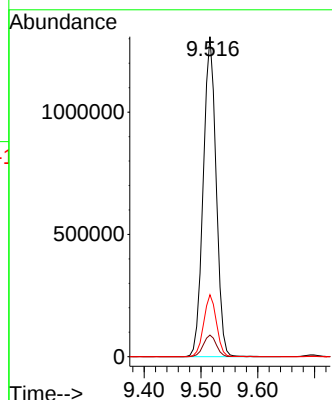
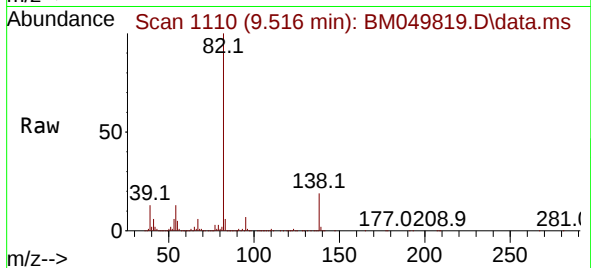
Tgt Ion: 82 Resp: 2055786

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.4 14.4 21.6



#26

2-Nitrophenol

Concen: 55.199 ng

RT: 9.698 min Scan# 1141

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

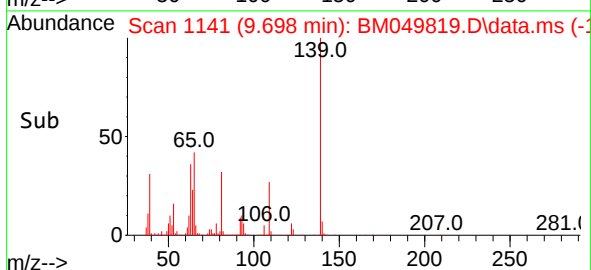
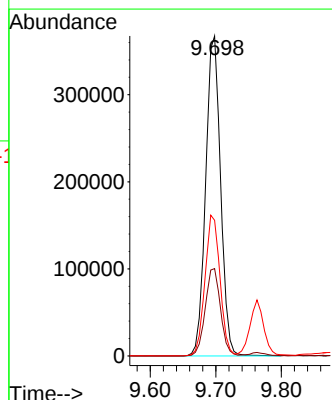
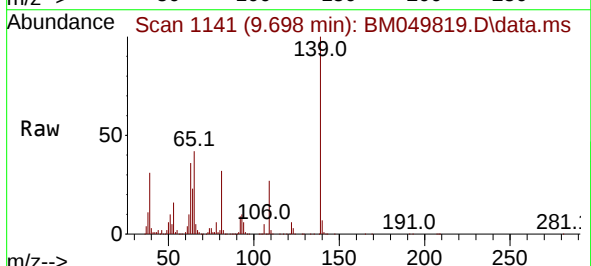
Tgt Ion:139 Resp: 582468

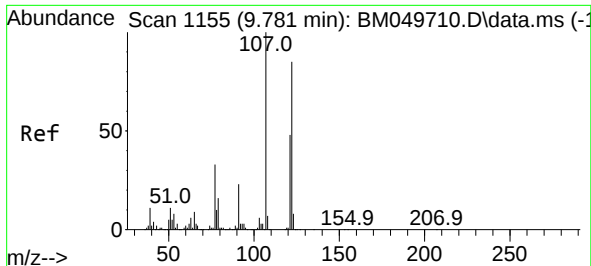
Ion Ratio Lower Upper

139 100

109 27.3 23.3 34.9

65 42.4 38.6 58.0

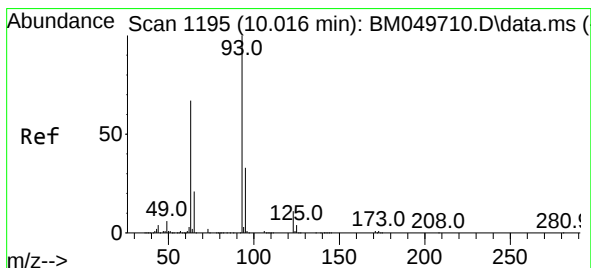
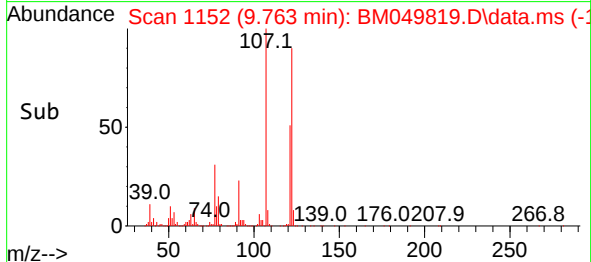
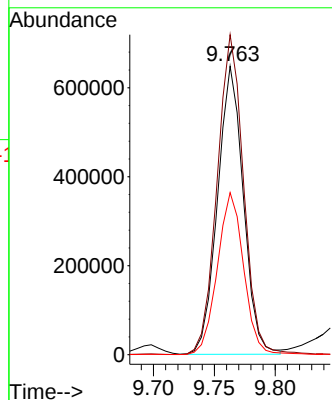
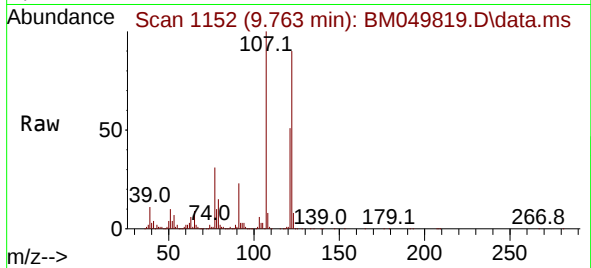




#27
2,4-Dimethylphenol
Concen: 71.241 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

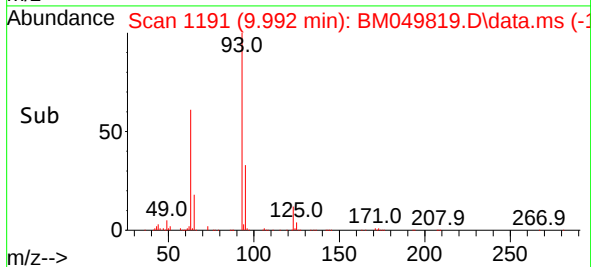
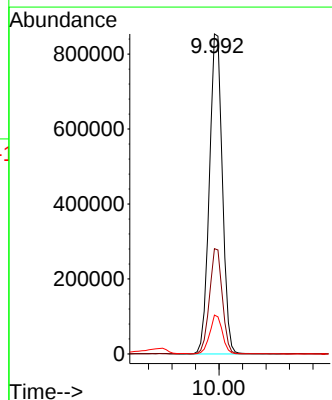
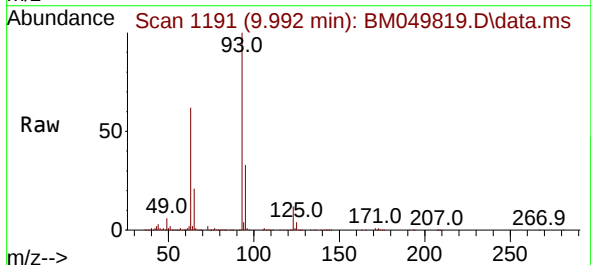
Instrument :
BNA_M
ClientSampleId :
PB167436BS

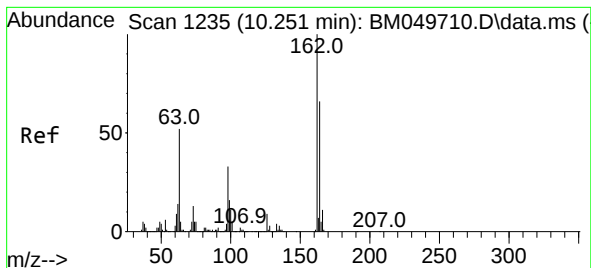
Tgt Ion:122 Resp: 956875
Ion Ratio Lower Upper
122 100
107 110.9 94.3 141.5
121 56.2 45.4 68.2



#28
bis(2-Chloroethoxy)methane
Concen: 46.115 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion: 93 Resp: 1311154
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 12.2 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 49.576 ng

RT: 10.233 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

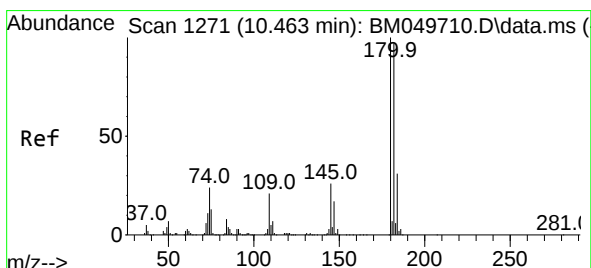
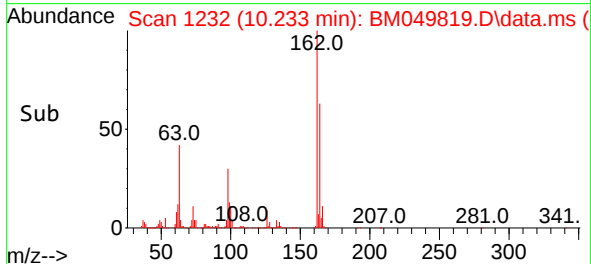
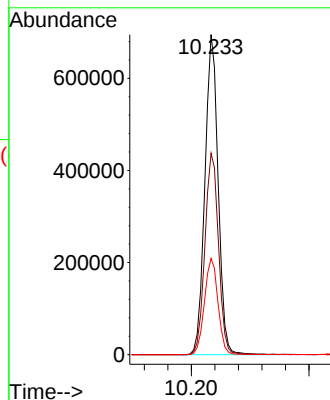
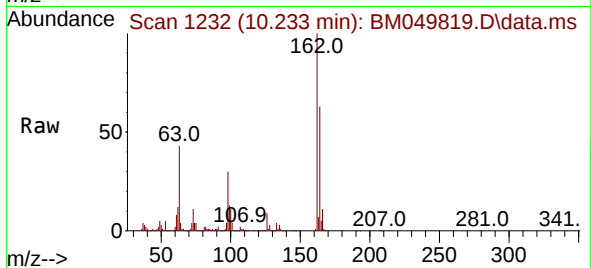
Tgt Ion:162 Resp: 1085044

Ion Ratio Lower Upper

162 100

164 63.0 46.3 86.3

98 30.1 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 46.708 ng

RT: 10.445 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

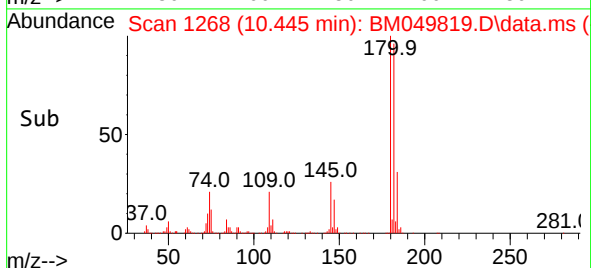
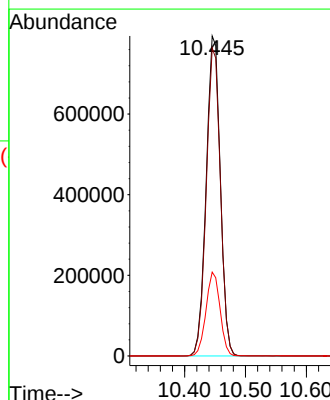
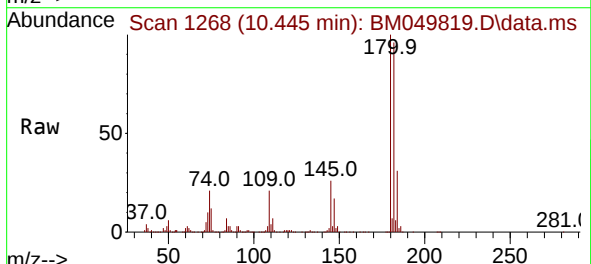
Tgt Ion:180 Resp: 1279009

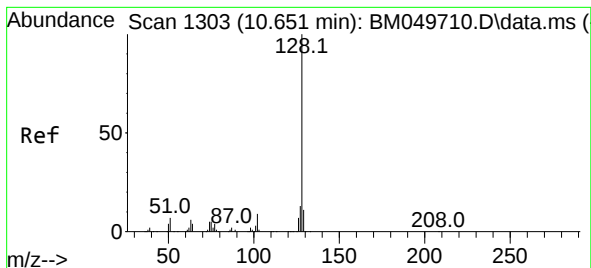
Ion Ratio Lower Upper

180 100

182 96.2 77.7 116.5

145 26.2 21.0 31.4

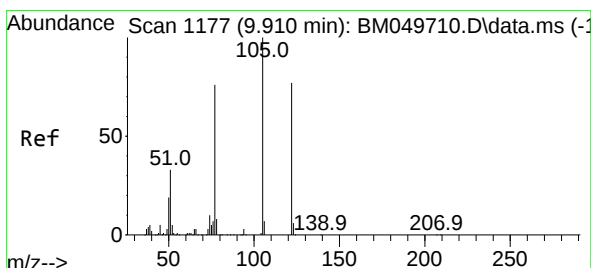
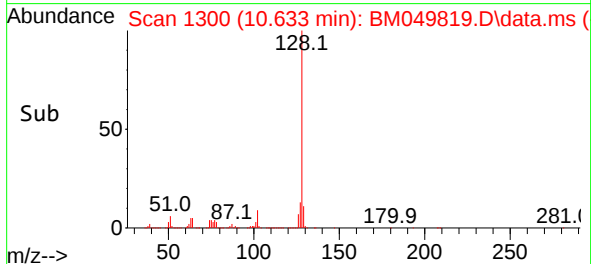
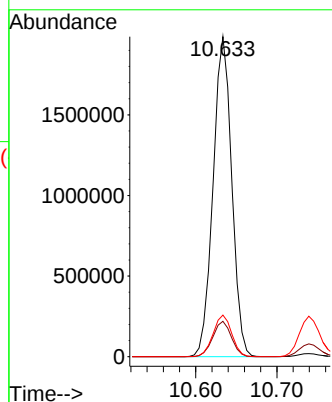
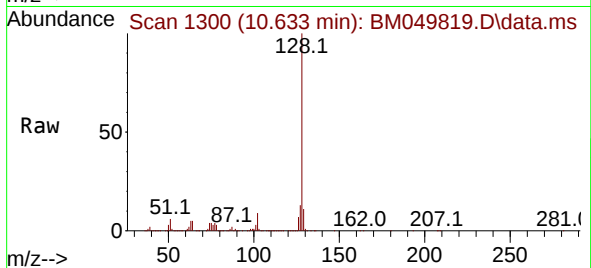




#31
Naphthalene
Concen: 45.648 ng
RT: 10.633 min Scan# 1175
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

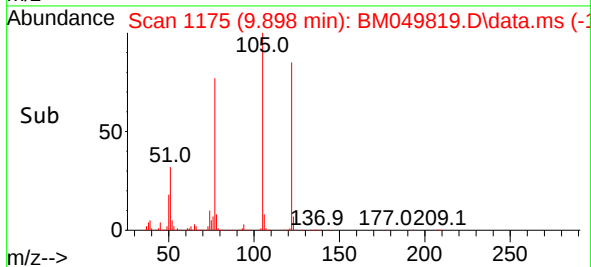
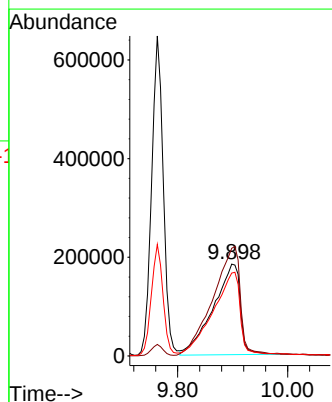
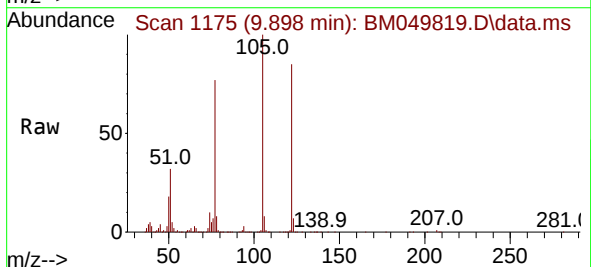
Instrument :
BNA_M
ClientSampleId :
PB167436BS

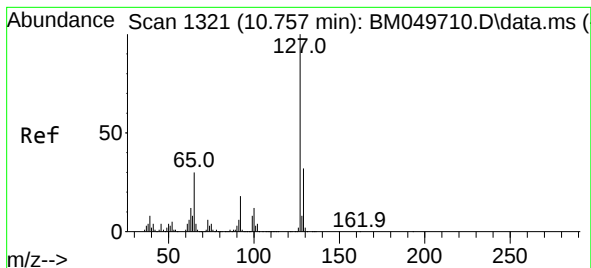
Tgt Ion:128 Resp: 3168557
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 54.960 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:122 Resp: 627814
Ion Ratio Lower Upper
122 100
105 117.2 105.6 145.6
77 90.2 76.9 116.9





#33

4-Chloroaniline

Concen: 19.161 ng

RT: 10.739 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

Tgt Ion:127 Resp: 453914

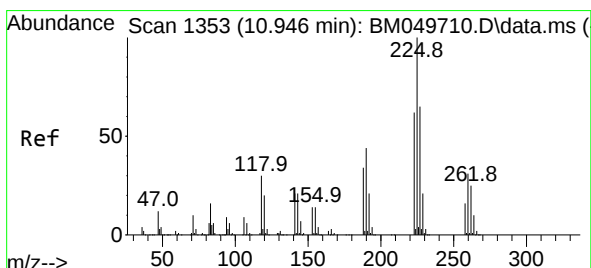
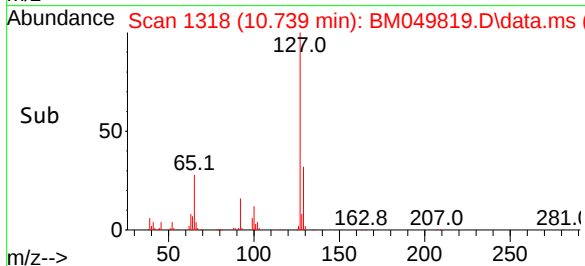
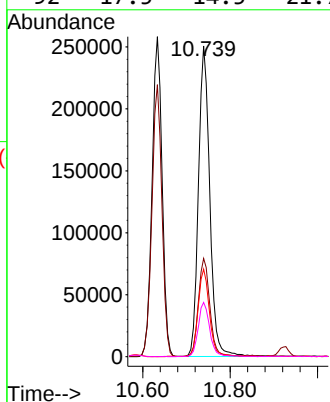
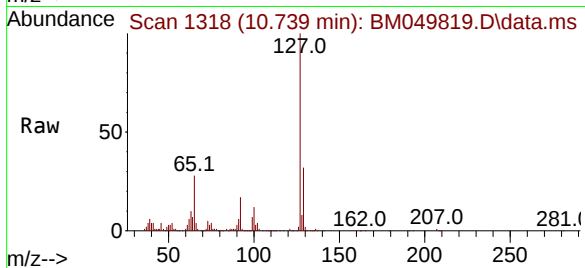
Ion Ratio Lower Upper

127 100

129 31.6 25.7 38.5

65 28.1 24.1 36.1

92 17.5 14.5 21.7



#34

Hexachlorobutadiene

Concen: 47.745 ng

RT: 10.922 min Scan# 1349

Delta R.T. -0.024 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

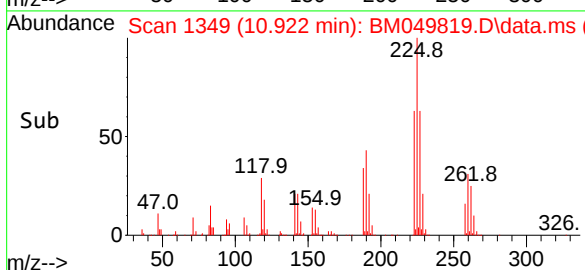
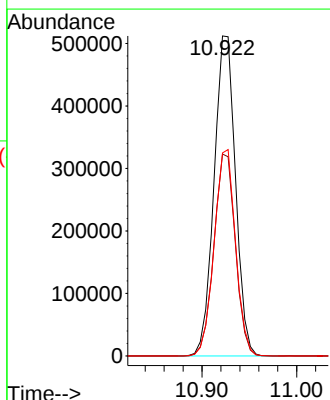
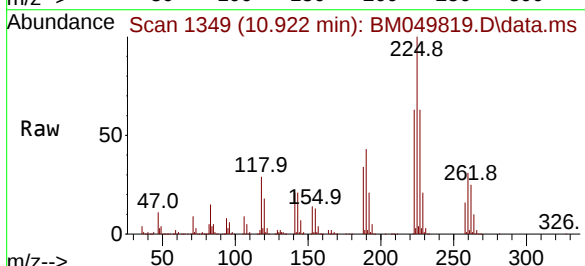
Tgt Ion:225 Resp: 807104

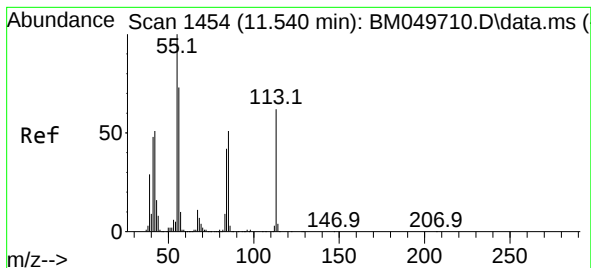
Ion Ratio Lower Upper

225 100

223 63.1 49.8 74.8

227 63.5 52.1 78.1

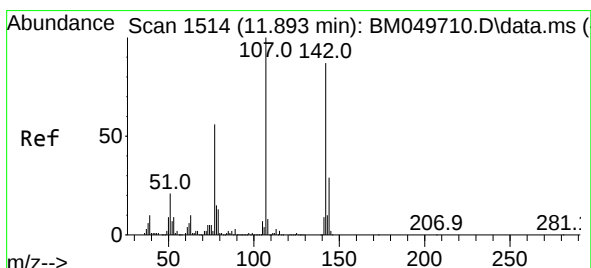
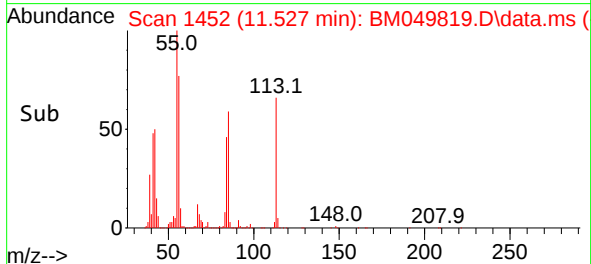
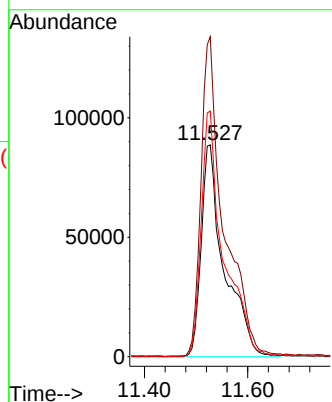
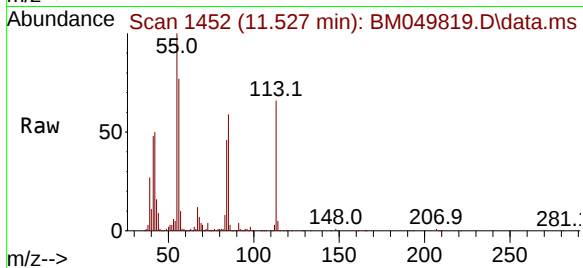




#35
Caprolactam
Concen: 53.780 ng
RT: 11.527 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

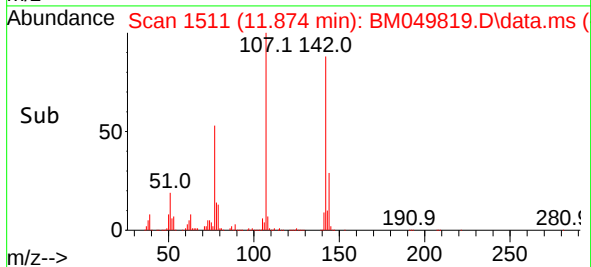
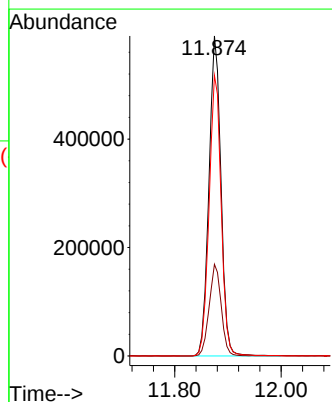
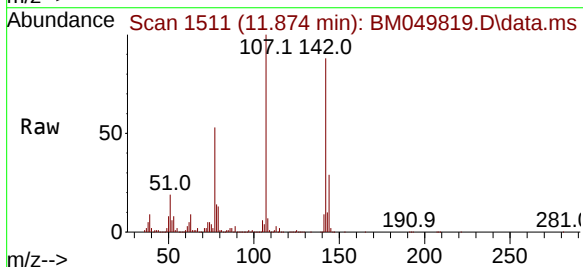
Instrument :
BNA_M
ClientSampleId :
PB167436BS

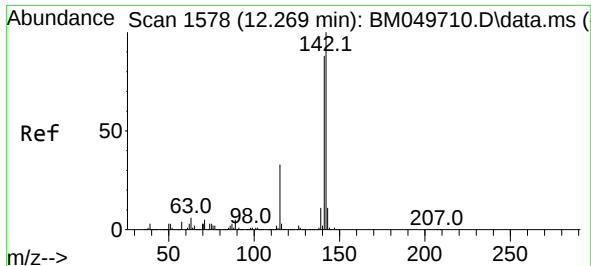
Tgt Ion:113 Resp: 273273
Ion Ratio Lower Upper
113 100
55 151.0 141.8 181.8
56 115.9 98.0 138.0



#36
4-Chloro-3-methylphenol
Concen: 49.262 ng
RT: 11.874 min Scan# 1511
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:107 Resp: 925245
Ion Ratio Lower Upper
107 100
144 28.6 23.0 34.6
142 87.6 69.8 104.8





#37

2-Methylnaphthalene

Concen: 42.294 ng

RT: 12.245 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

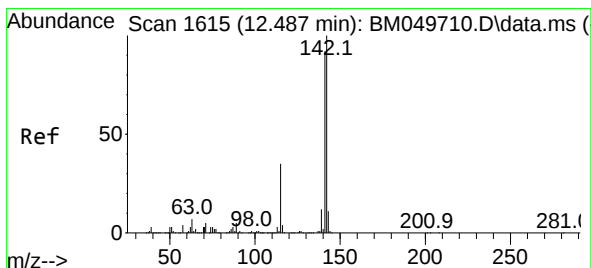
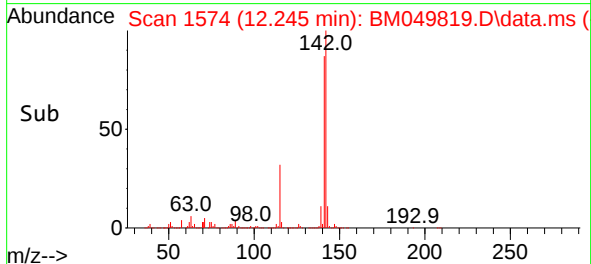
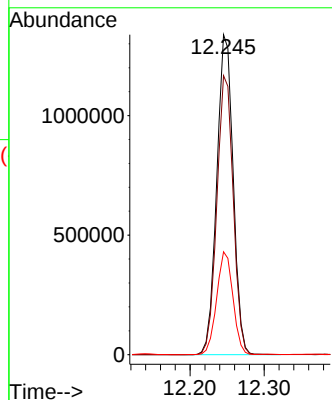
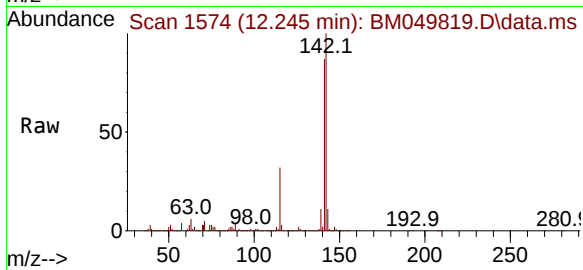
Tgt Ion:142 Resp: 2052837

Ion Ratio Lower Upper

142 100

141 87.2 70.5 105.7

115 32.2 26.5 39.7



#38

1-Methylnaphthalene

Concen: 45.780 ng

RT: 12.469 min Scan# 1612

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

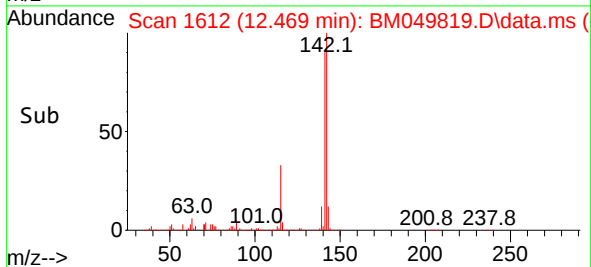
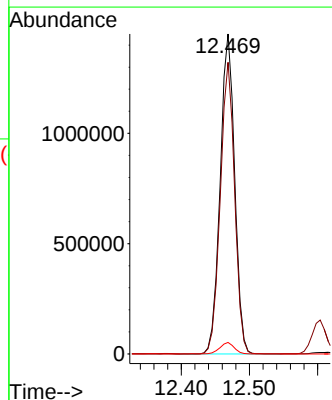
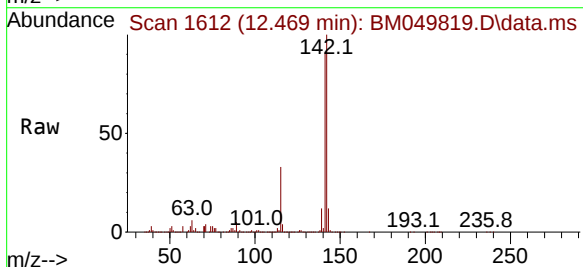
Tgt Ion:142 Resp: 2143822

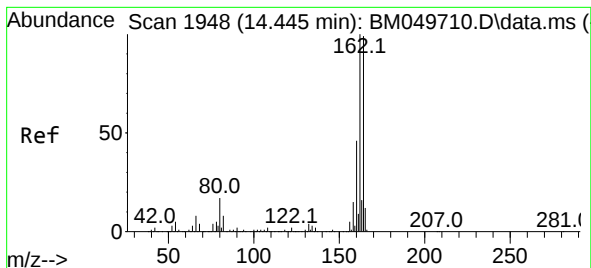
Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.2

116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.433 min Scan# 1946

Delta R.T. -0.012 min

Lab File: BM049819.D

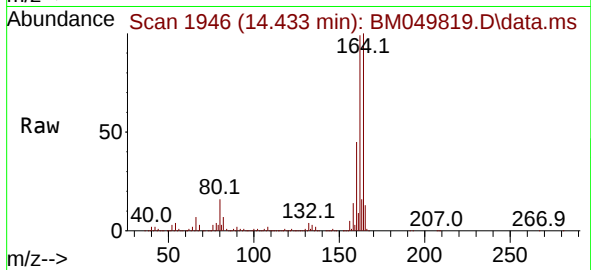
Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS



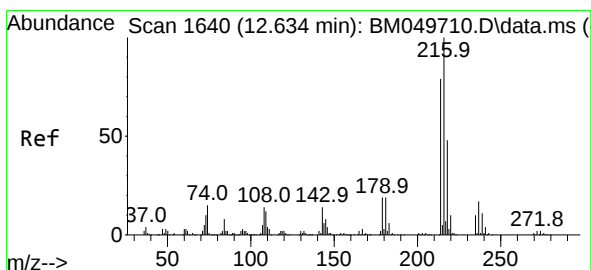
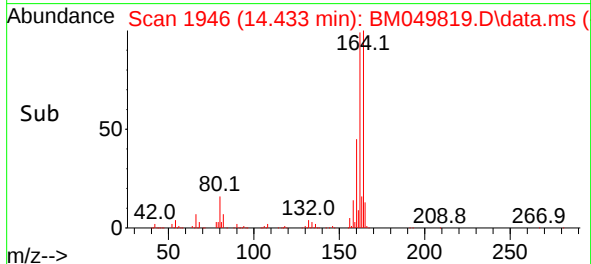
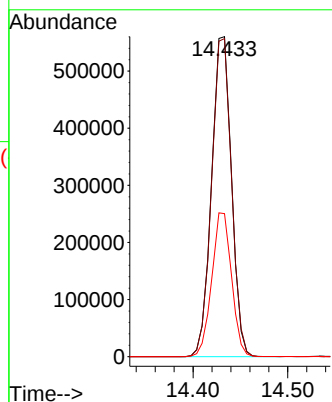
Tgt Ion:164 Resp: 818489

Ion Ratio Lower Upper

164 100

162 99.4 80.5 120.7

160 44.7 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.998 ng

RT: 12.621 min Scan# 1638

Delta R.T. -0.012 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Tgt Ion:216 Resp: 1412989

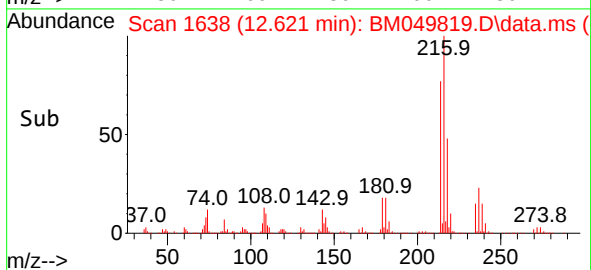
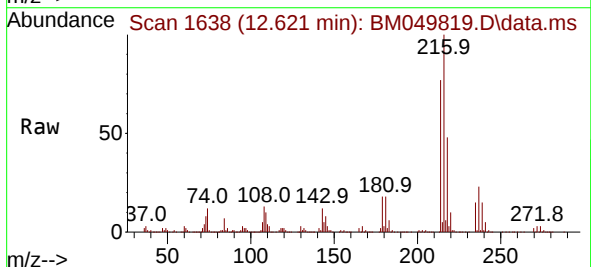
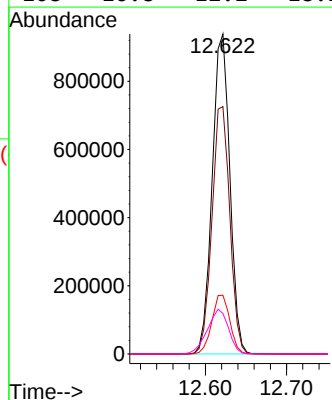
Ion Ratio Lower Upper

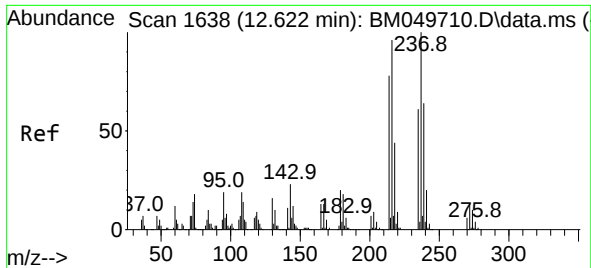
216 100

214 78.5 63.5 95.3

179 18.8 15.7 23.5

108 16.8 12.2 18.2

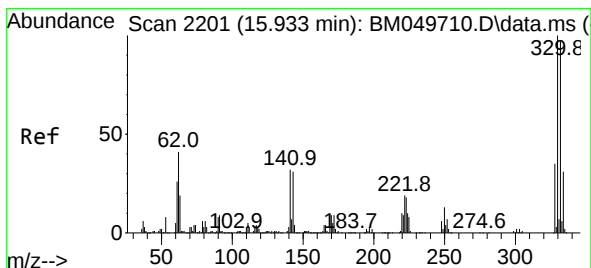
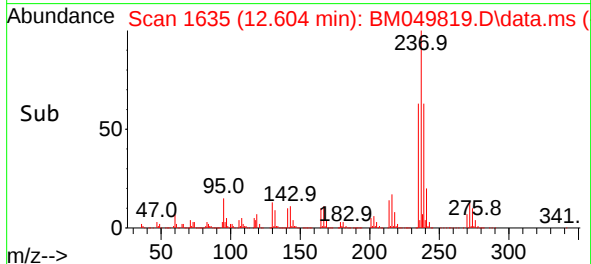
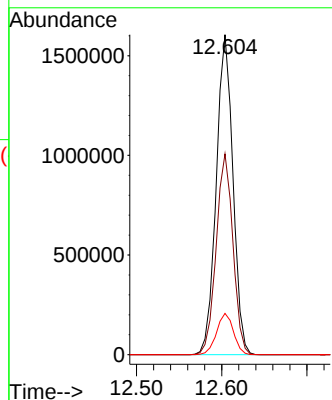
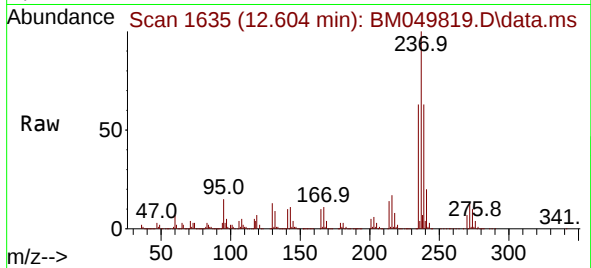




#41
Hexachlorocyclopentadiene
Concen: 196.010 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

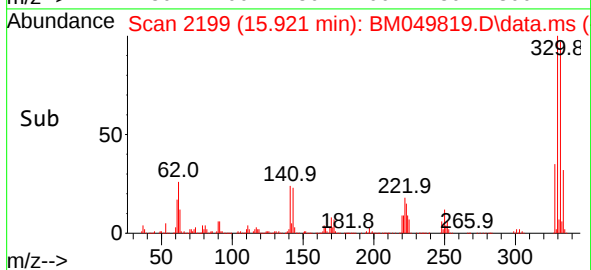
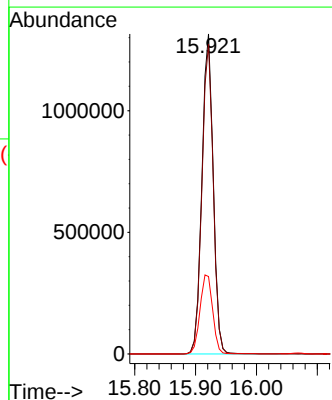
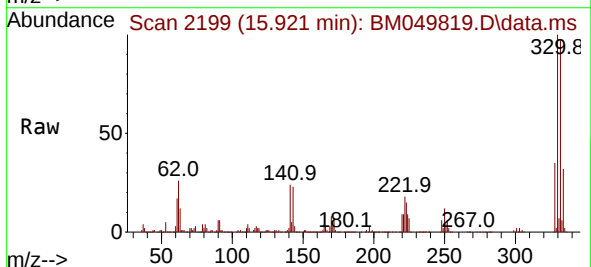
Instrument :
BNA_M
ClientSampleId :
PB167436BS

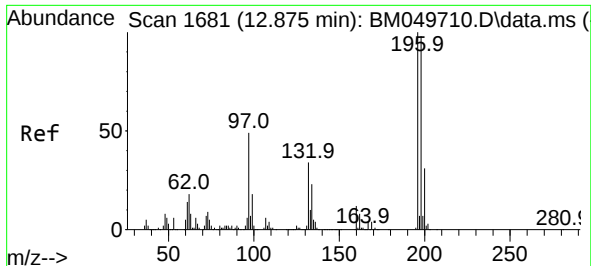
Tgt Ion:237 Resp: 2183164
Ion Ratio Lower Upper
237 100
235 62.7 41.1 81.1
272 12.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 177.009 ng
RT: 15.921 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:330 Resp: 1691760
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 27.6 27.8 41.6#

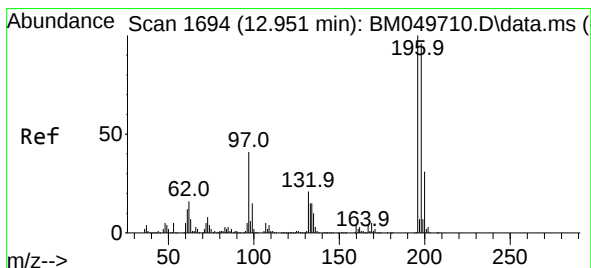
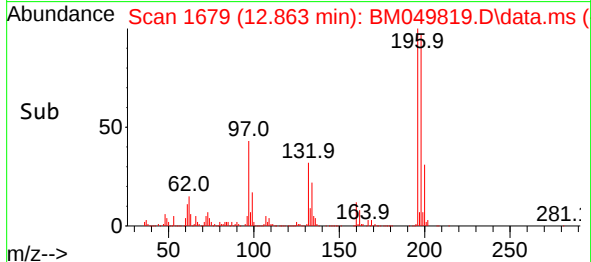
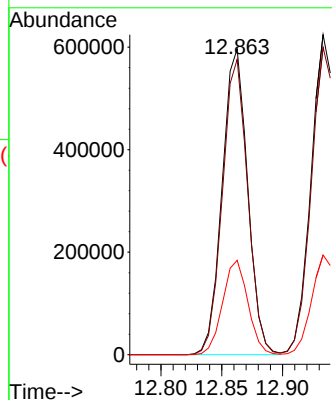
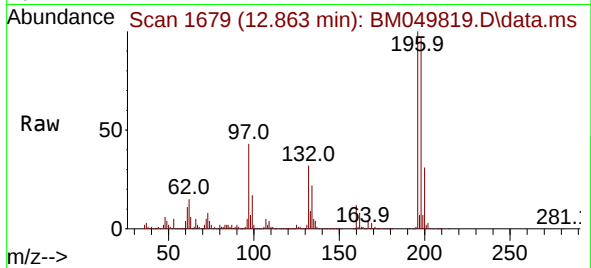




#43
2,4,6-Trichlorophenol
Concen: 51.651 ng
RT: 12.863 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

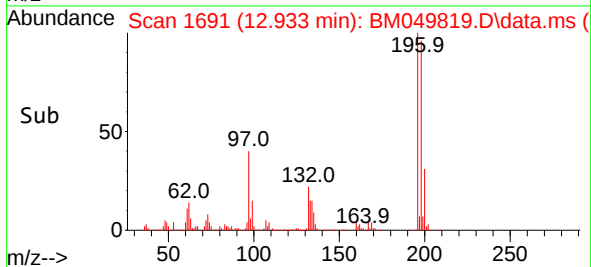
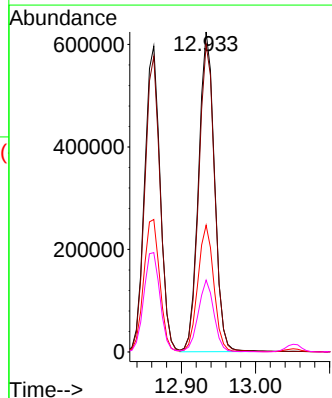
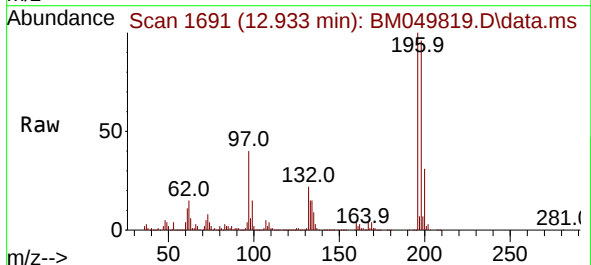
Instrument :
BNA_M
ClientSampleId :
PB167436BS

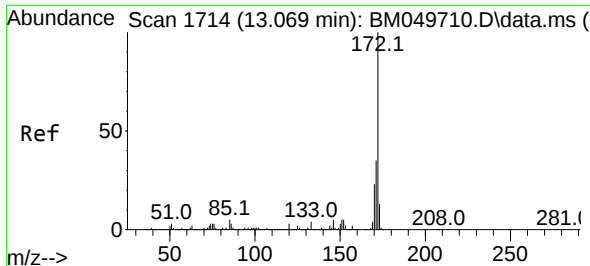
Tgt Ion:196 Resp: 869712
Ion Ratio Lower Upper
196 100
198 96.6 78.3 117.5
200 30.9 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 50.608 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:196 Resp: 929909
Ion Ratio Lower Upper
196 100
198 96.1 76.7 115.1
97 39.6 32.9 49.3
132 22.4 16.8 25.2

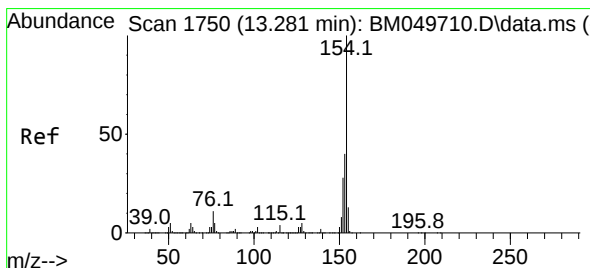
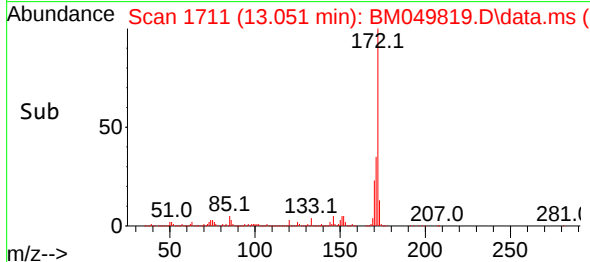
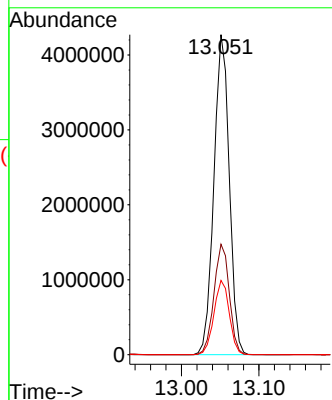
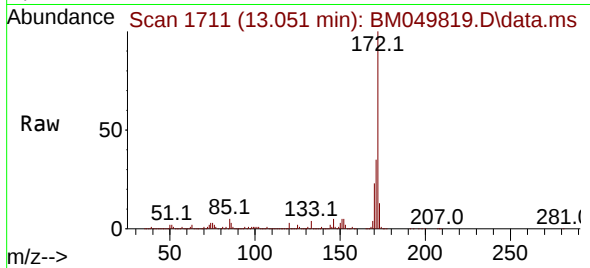




#45
2-Fluorobiphenyl
Concen: 89.883 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

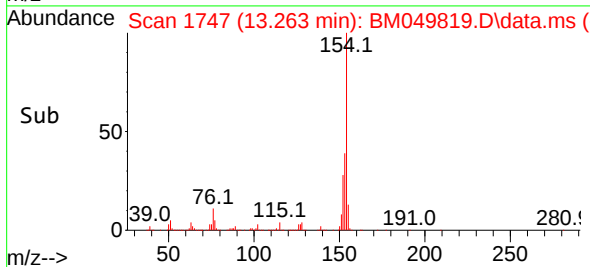
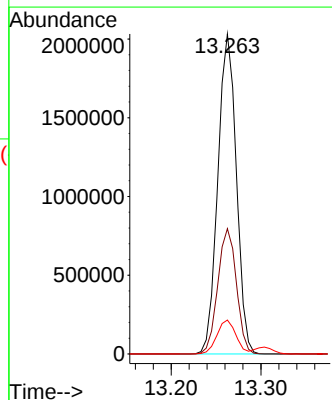
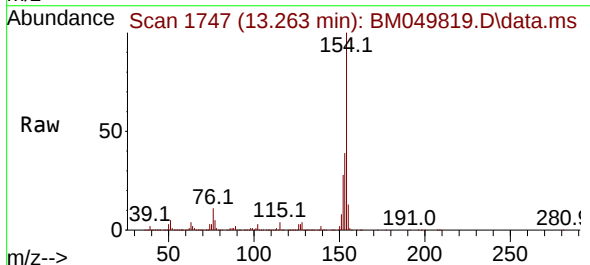
Instrument :
BNA_M
ClientSampleId :
PB167436BS

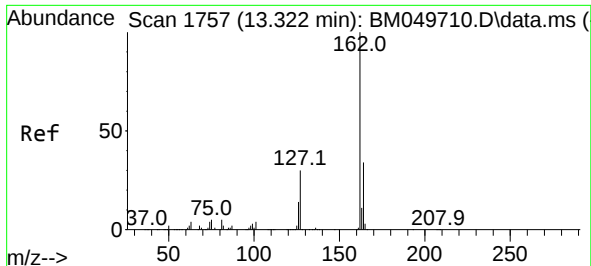
Tgt Ion:172 Resp: 5874284
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 46.126 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:154 Resp: 2909701
Ion Ratio Lower Upper
154 100
153 39.2 19.7 59.7
76 10.6 0.0 31.2

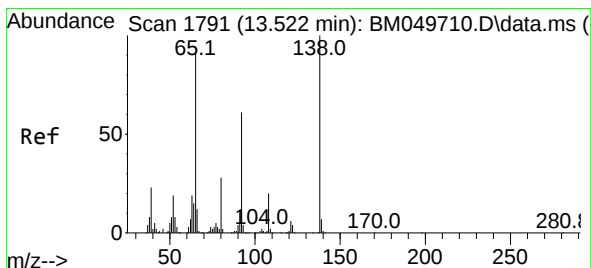
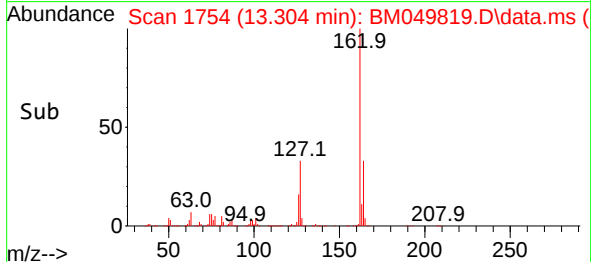
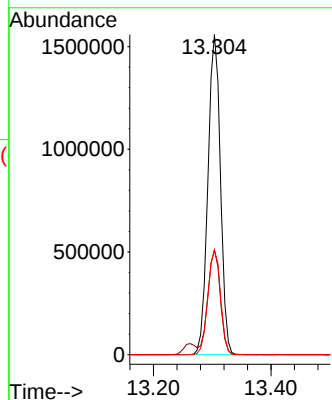
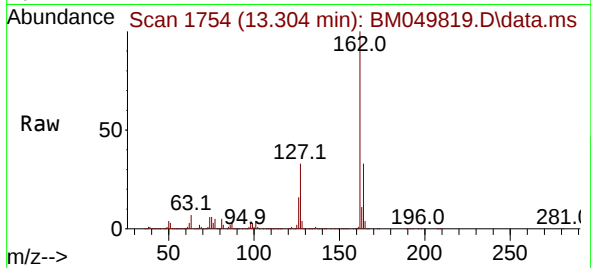




#47
2-Chloronaphthalene
Concen: 47.009 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

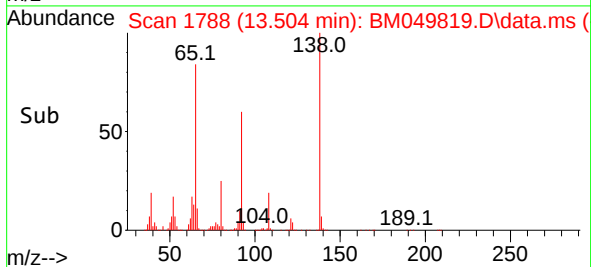
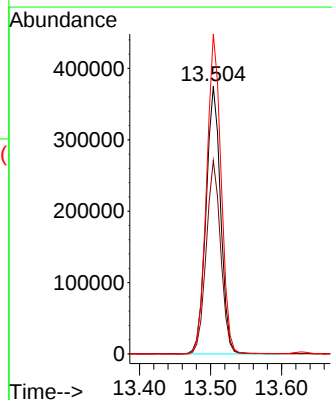
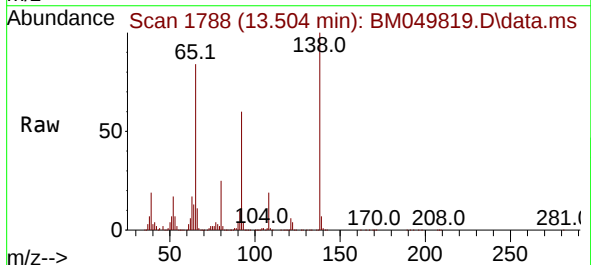
Instrument :
BNA_M
ClientSampleId :
PB167436BS

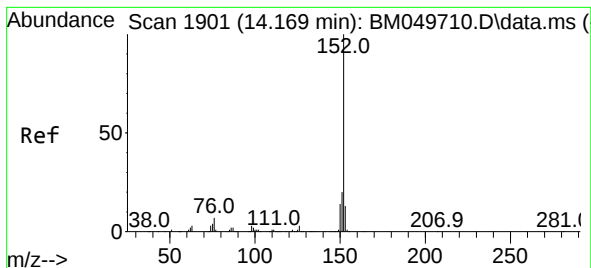
Tgt Ion:162 Resp: 2308163
Ion Ratio Lower Upper
162 100
127 32.7 25.8 38.6
164 32.7 27.1 40.7



#48
2-Nitroaniline
Concen: 48.805 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion: 65 Resp: 537947
Ion Ratio Lower Upper
65 100
92 72.3 53.4 80.2
138 119.5 87.6 131.4





#49

Acenaphthylene

Concen: 51.864 ng

RT: 14.151 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

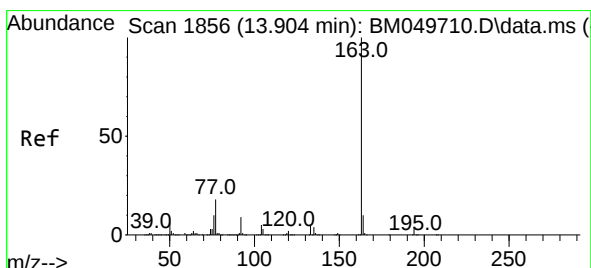
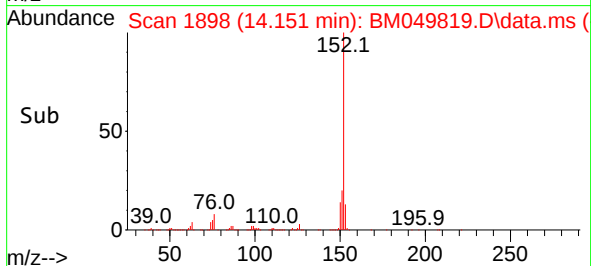
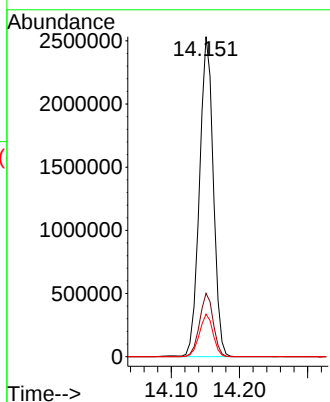
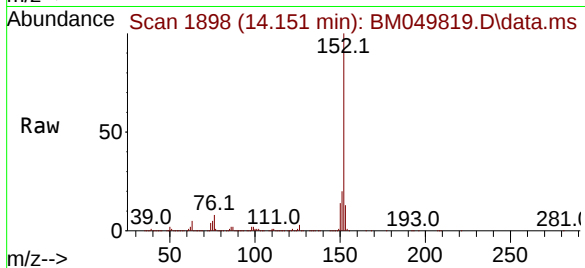
Tgt Ion:152 Resp: 3559549

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.3 10.2 15.4



#50

Dimethylphthalate

Concen: 47.536 ng

RT: 13.886 min Scan# 1853

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

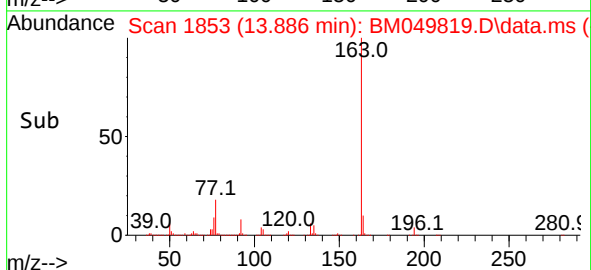
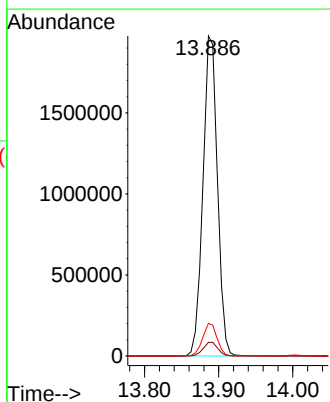
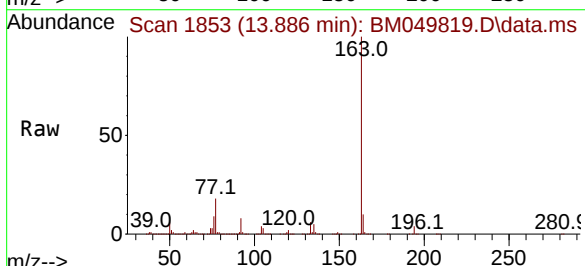
Tgt Ion:163 Resp: 2678782

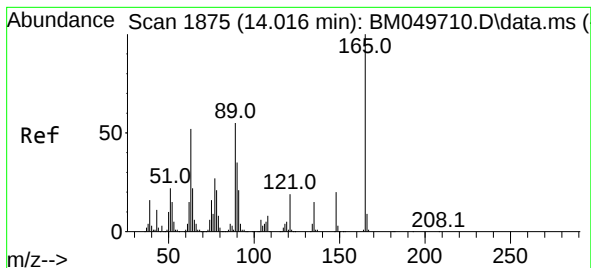
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.2 8.2 12.2

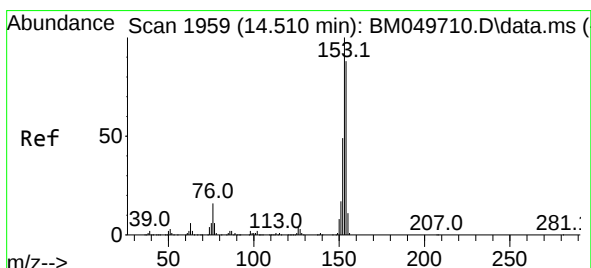
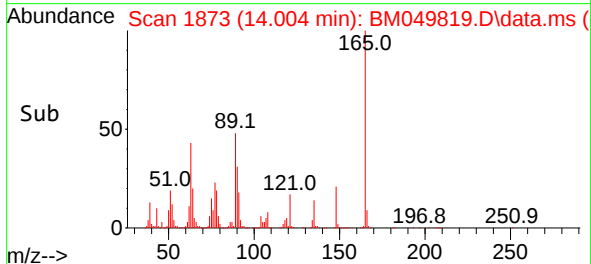
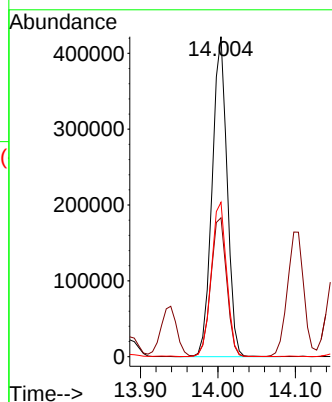
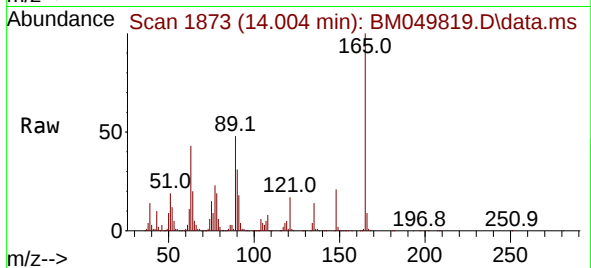




#51
2,6-Dinitrotoluene
Concen: 50.237 ng
RT: 14.004 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

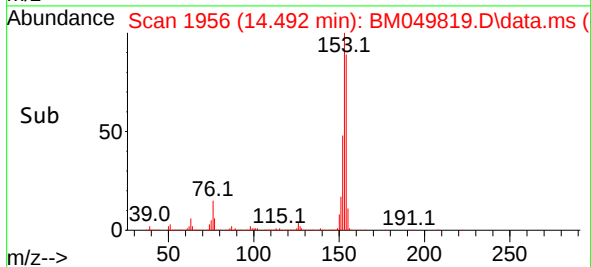
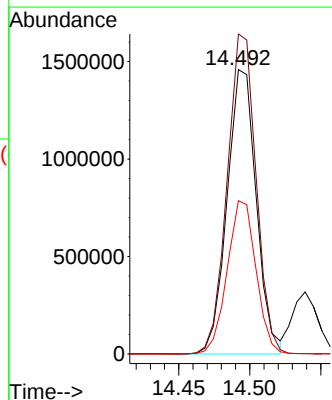
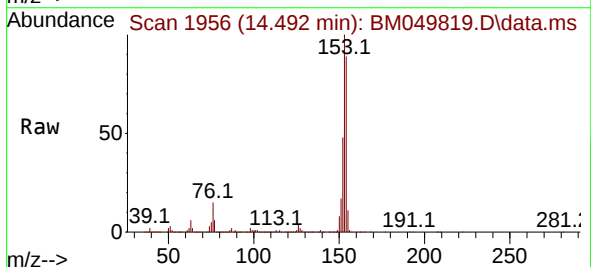
Instrument :
BNA_M
ClientSampleId :
PB167436BS

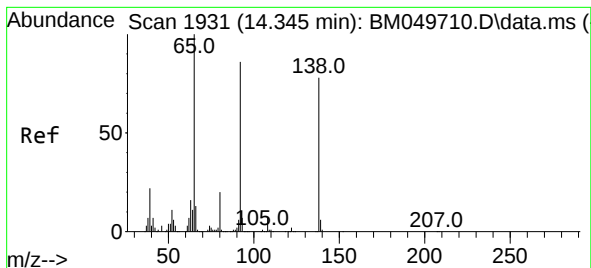
Tgt Ion:165 Resp: 567248
Ion Ratio Lower Upper
165 100
63 43.4 42.3 63.5
89 48.2 43.9 65.9



#52
Acenaphthene
Concen: 46.316 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:154 Resp: 2085072
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 53.9 44.2 66.2

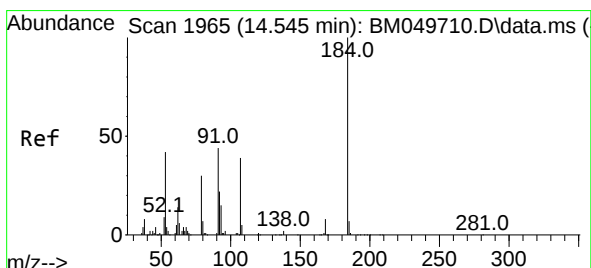
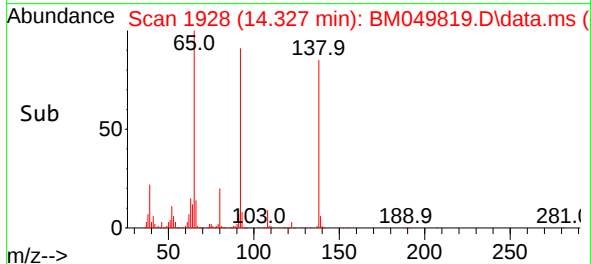
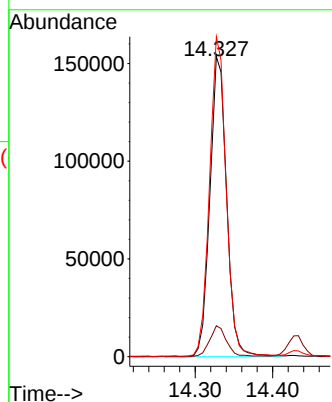
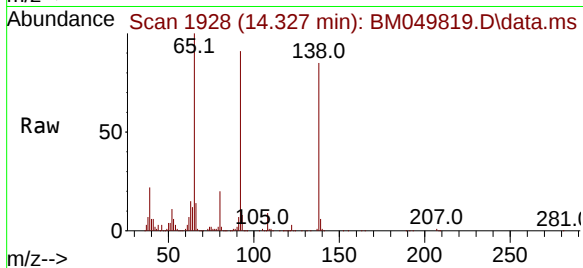




#53
3-Nitroaniline
Concen: 21.418 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

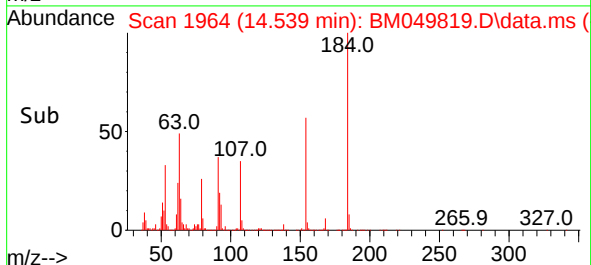
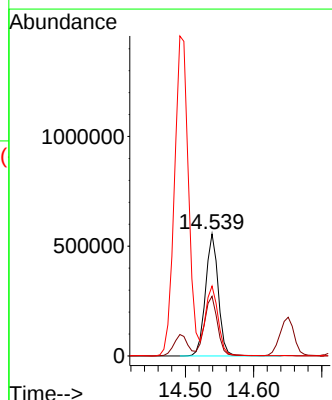
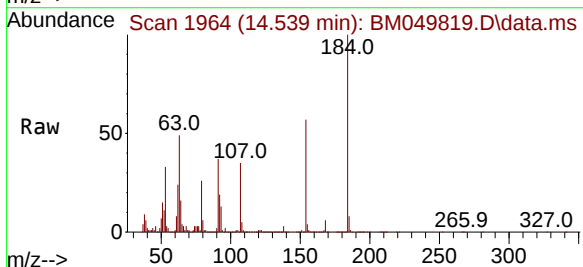
Instrument :
BNA_M
ClientSampleId :
PB167436BS

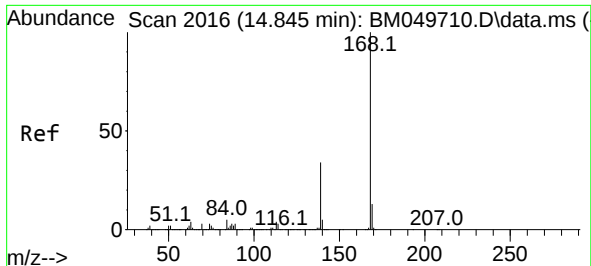
Tgt Ion:138 Resp: 230138
Ion Ratio Lower Upper
138 100
108 10.3 7.5 11.3
92 106.6 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 94.350 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:184 Resp: 727360
Ion Ratio Lower Upper
184 100
63 48.8 47.2 70.8
154 57.2 49.9 74.9

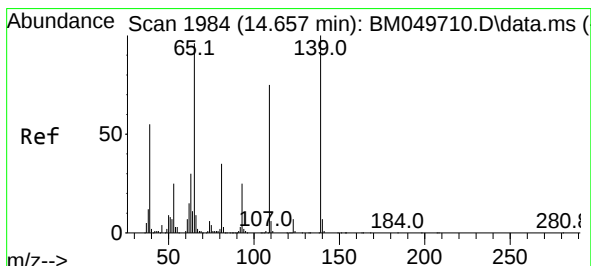
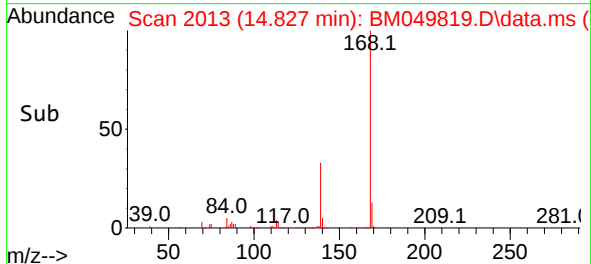
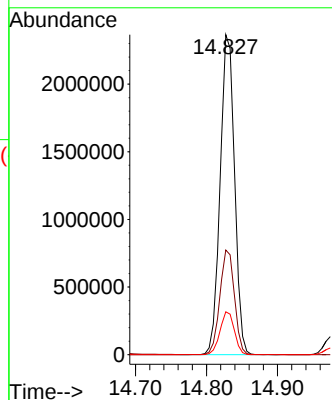
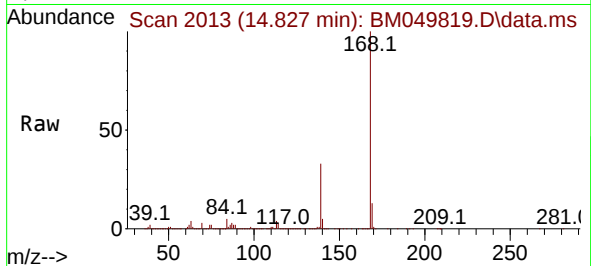




#55
Dibenzenofuran
Concen: 44.216 ng
RT: 14.827 min Scan# 20
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

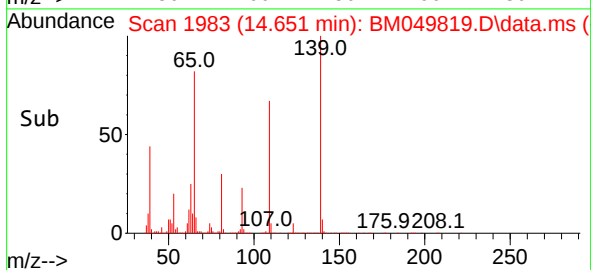
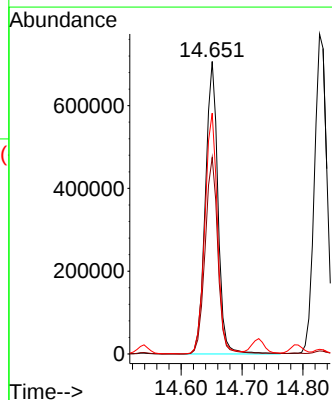
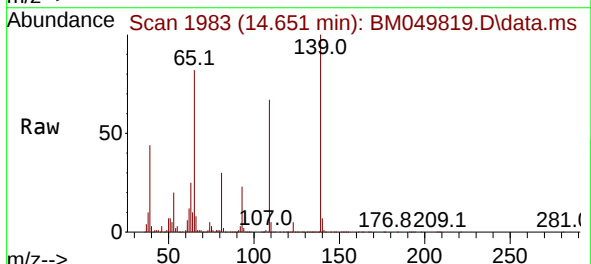
Instrument :
BNA_M
ClientSampleId :
PB167436BS

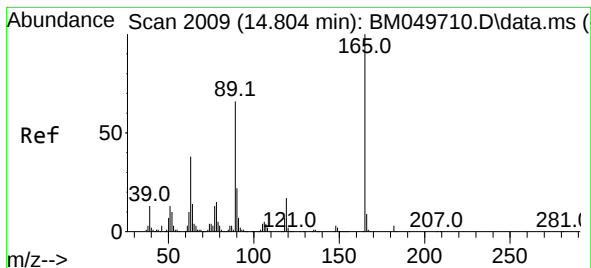
Tgt Ion:168 Resp: 3316858
Ion Ratio Lower Upper
168 100
139 32.7 27.4 41.0
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 108.604 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:139 Resp: 1015766
Ion Ratio Lower Upper
139 100
109 67.2 54.7 94.7
65 82.3 76.2 116.2

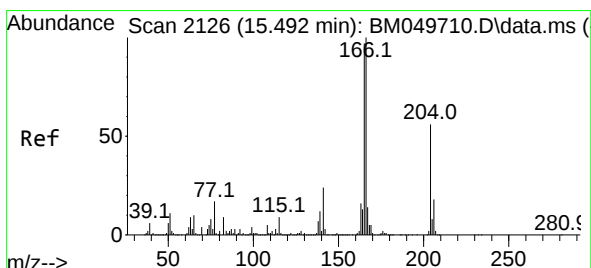
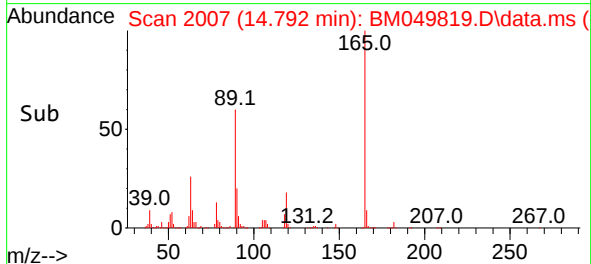
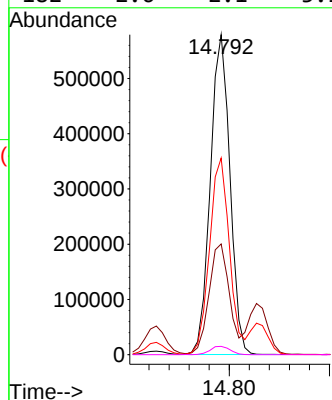
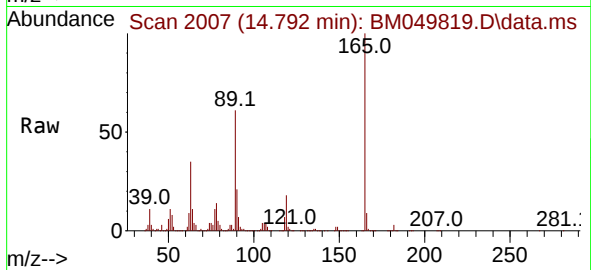




#57
2,4-Dinitrotoluene
Concen: 54.033 ng
RT: 14.792 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

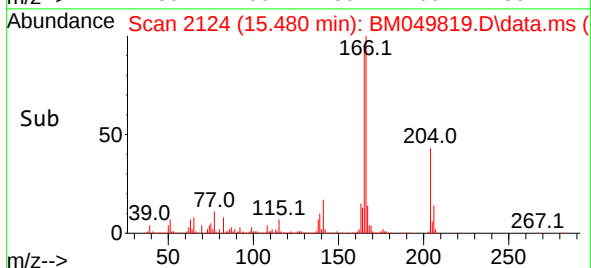
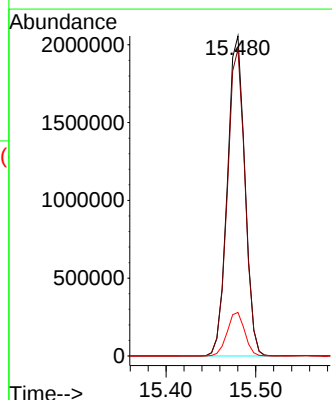
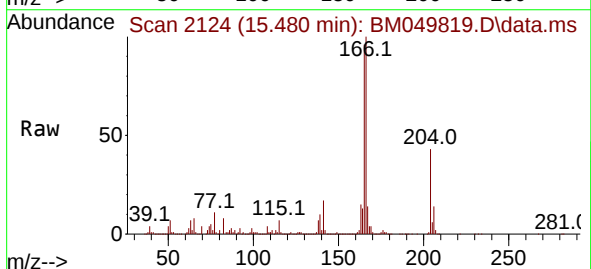
Instrument :
BNA_M
ClientSampleId :
PB167436BS

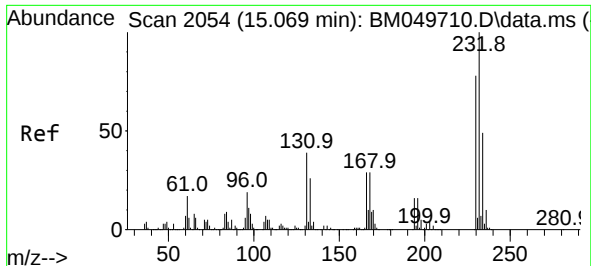
Tgt Ion:165 Resp: 785062
Ion Ratio Lower Upper
165 100
63 34.6 30.8 46.2
89 61.5 53.1 79.7
182 2.6 2.1 3.1



#58
Fluorene
Concen: 45.683 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:166 Resp: 2790132
Ion Ratio Lower Upper
166 100
165 95.9 77.5 116.3
167 13.6 10.9 16.3

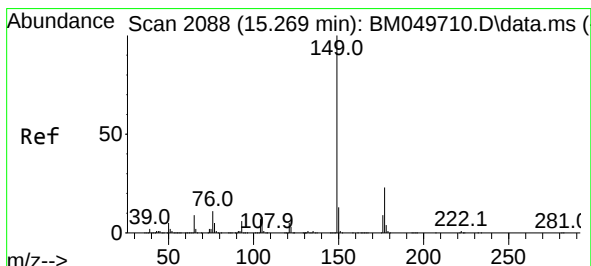
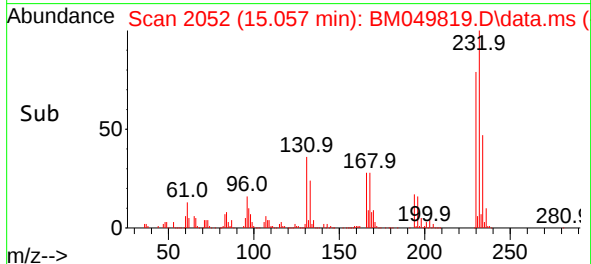
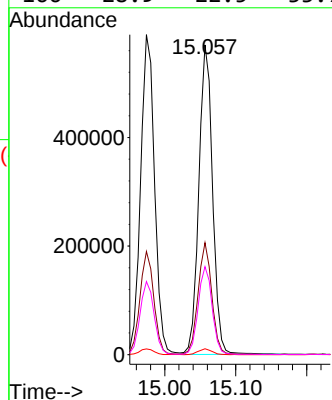
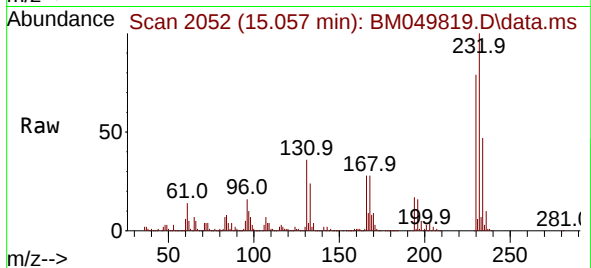




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.950 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

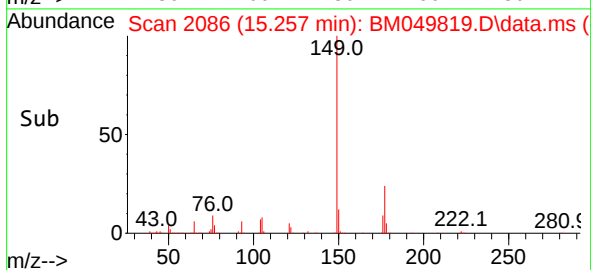
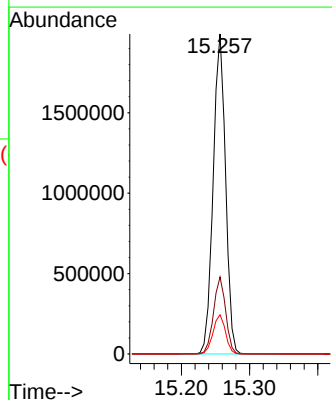
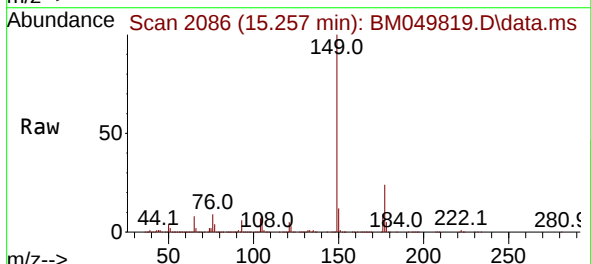
Instrument :
BNA_M
ClientSampleId :
PB167436BS

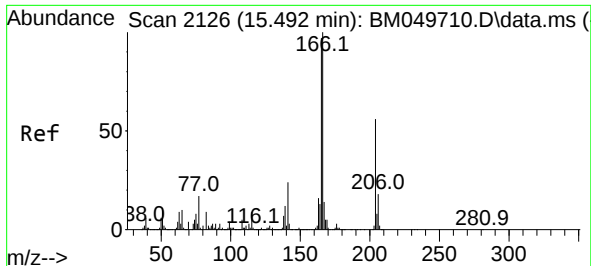
Tgt Ion:232 Resp: 768275
Ion Ratio Lower Upper
232 100
131 36.3 30.0 45.0
130 1.9 1.6 2.4
166 28.9 22.5 33.7



#60
Diethylphthalate
Concen: 47.352 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:149 Resp: 2513172
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.2
150 12.2 10.0 15.0

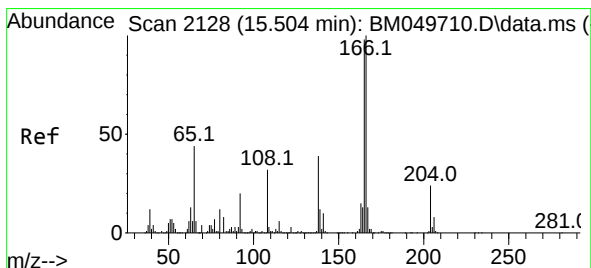
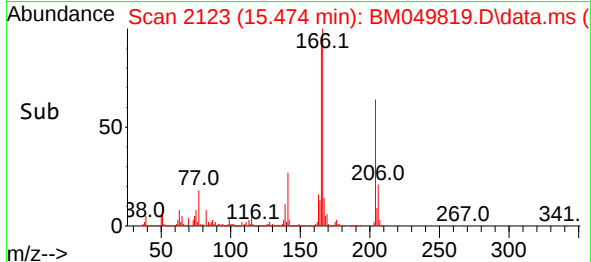
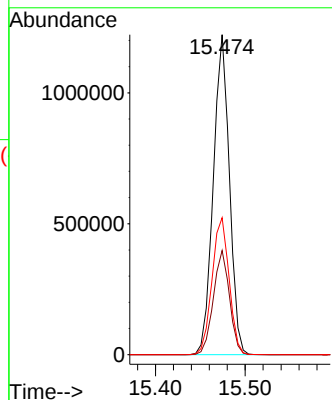
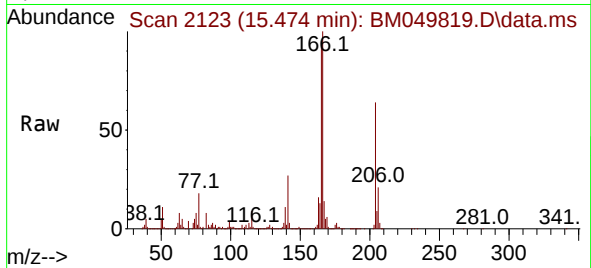




#61
4-Chlorophenyl-phenylether
Concen: 45.664 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

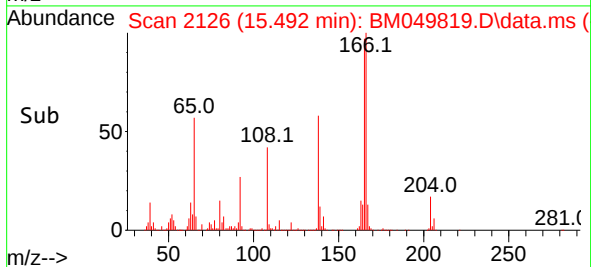
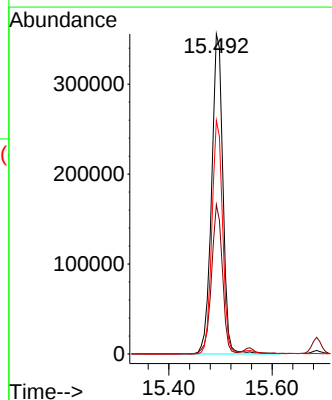
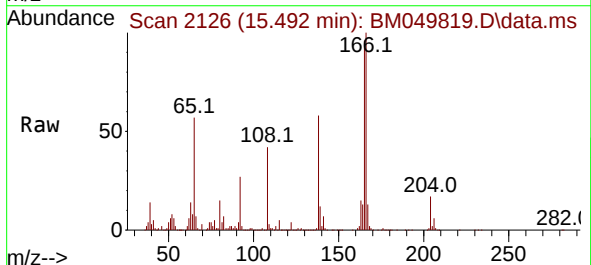
Instrument :
BNA_M
ClientSampleId :
PB167436BS

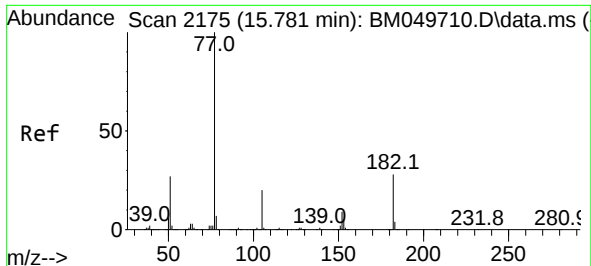
Tgt Ion:204 Resp: 1522965
Ion Ratio Lower Upper
204 100
206 32.5 25.2 37.8
141 42.8 34.5 51.7



#62
4-Nitroaniline
Concen: 42.688 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:138 Resp: 539975
Ion Ratio Lower Upper
138 100
92 46.7 29.8 69.8
108 73.0 61.3 101.3



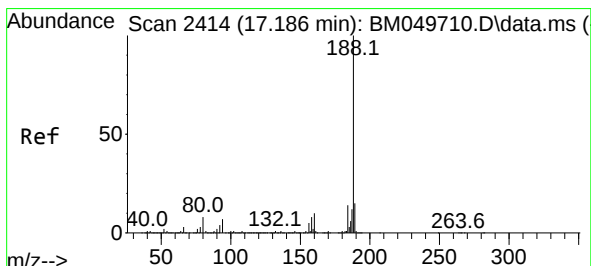
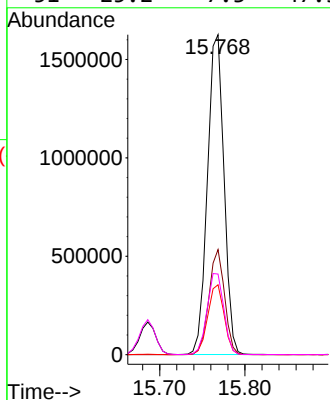
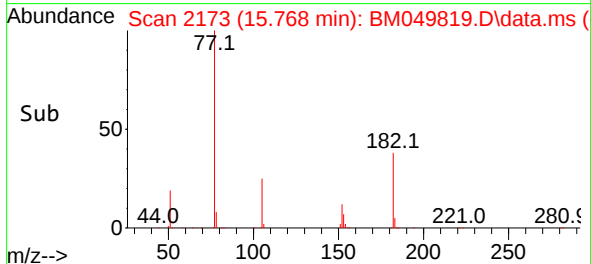
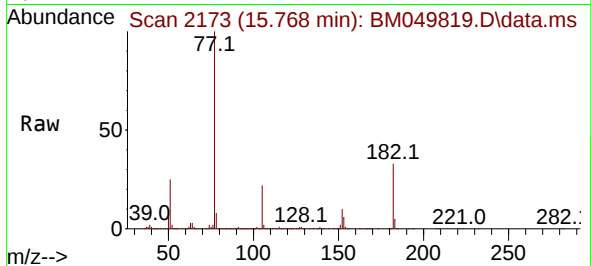


#63
Azobenzene
Concen: 43.206 ng
RT: 15.768 min Scan# 2173
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Instrument :
BNA_M
ClientSampleId :
PB167436BS

Tgt Ion: 77 Resp: 2190312

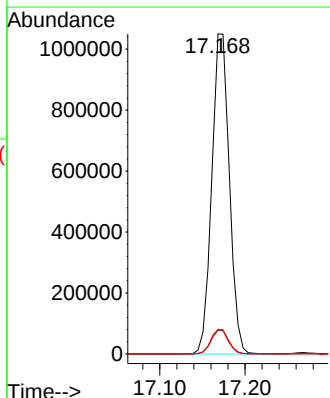
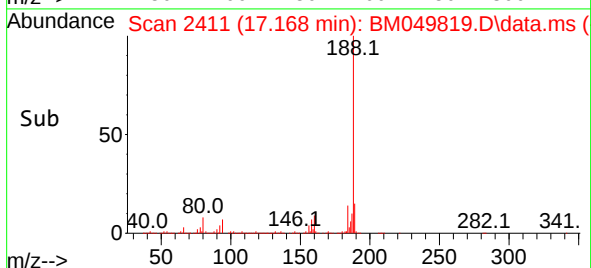
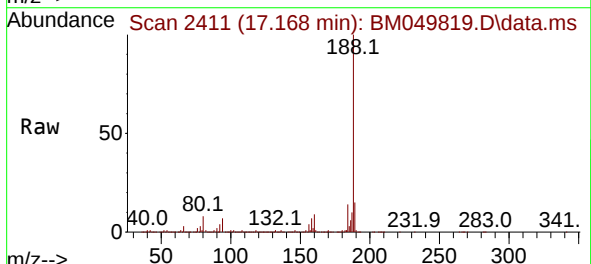
Ion	Ratio	Lower	Upper
77	100		
182	32.9	8.0	48.0
105	21.8	0.0	40.0
51	25.2	7.3	47.3

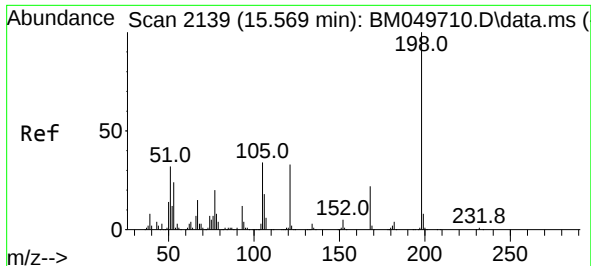


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion: 188 Resp: 1501690

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.6
80	7.8	6.3	9.5

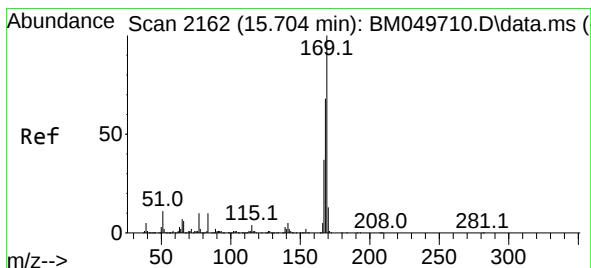
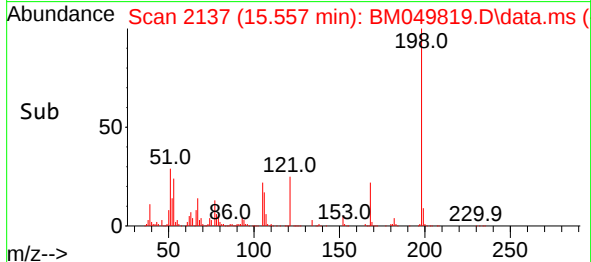
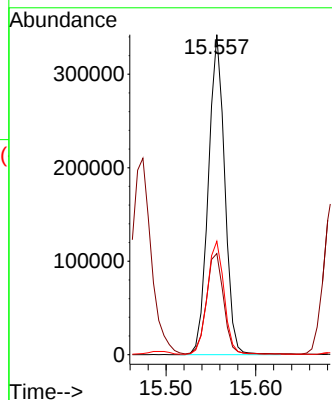
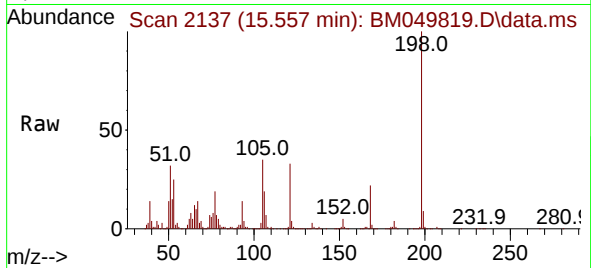




#65
4,6-Dinitro-2-methylphenol
Concen: 51.997 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

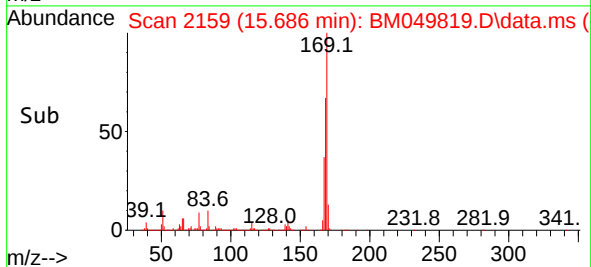
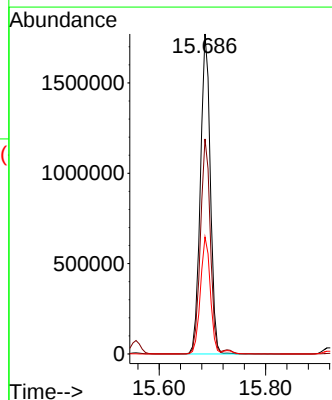
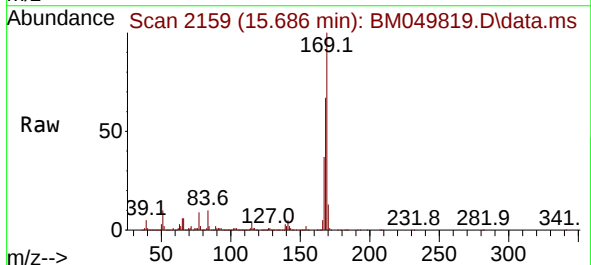
Instrument :
BNA_M
ClientSampleId :
PB167436BS

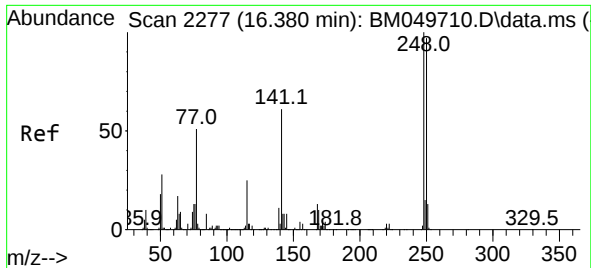
Tgt Ion:198 Resp: 434115
Ion Ratio Lower Upper
198 100
51 31.6 13.8 53.8
105 35.5 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 50.362 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:169 Resp: 2291375
Ion Ratio Lower Upper
169 100
168 67.2 54.8 82.2
167 36.6 29.9 44.9

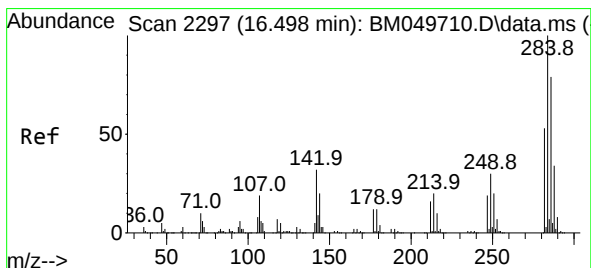
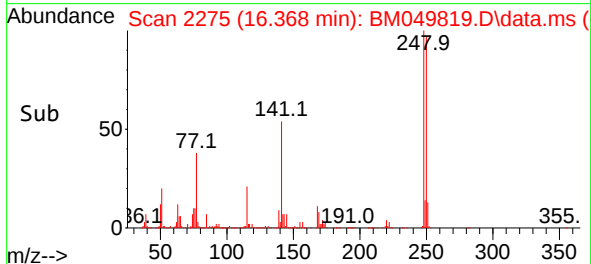
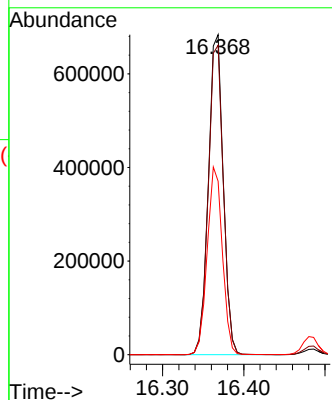
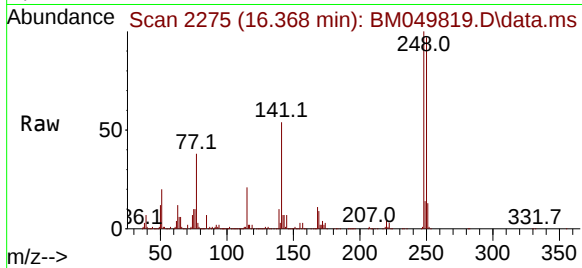




#67
4-Bromophenyl-phenylether
Concen: 50.129 ng
RT: 16.368 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

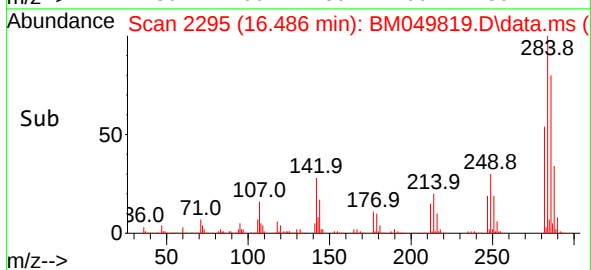
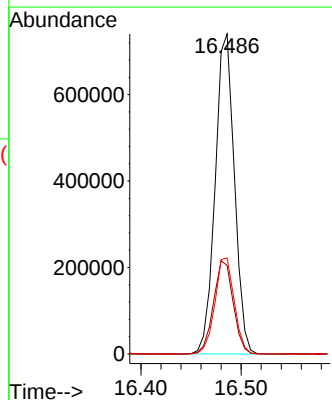
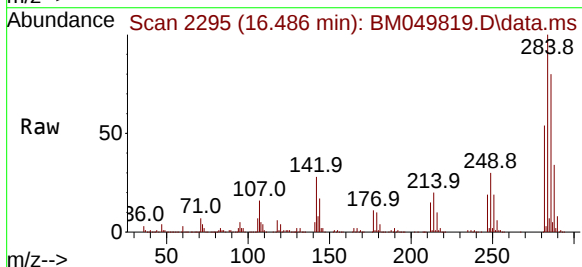
Instrument :
BNA_M
ClientSampleId :
PB167436BS

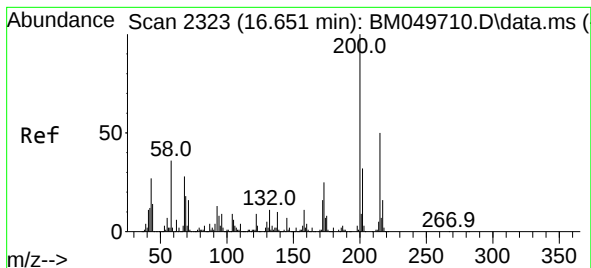
Tgt Ion:248 Resp: 869131
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 54.2 48.6 73.0



#68
Hexachlorobenzene
Concen: 50.469 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:284 Resp: 983982
Ion Ratio Lower Upper
284 100
142 27.6 25.5 38.3
249 30.0 24.2 36.2





#69

Atrazine

Concen: 80.195 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

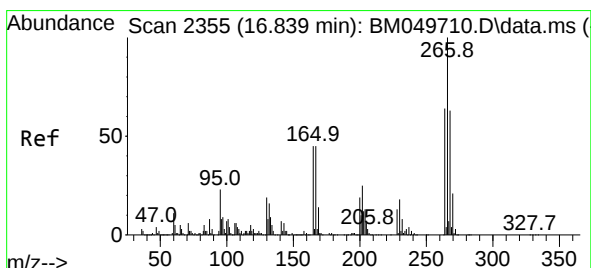
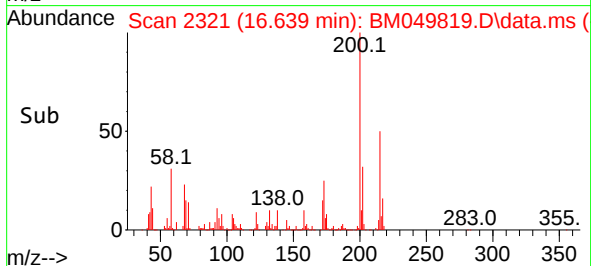
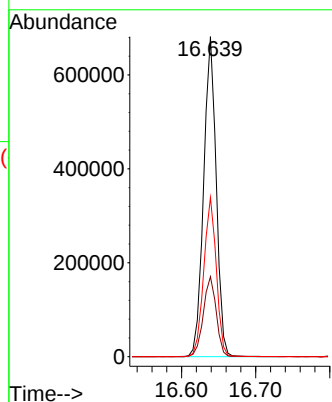
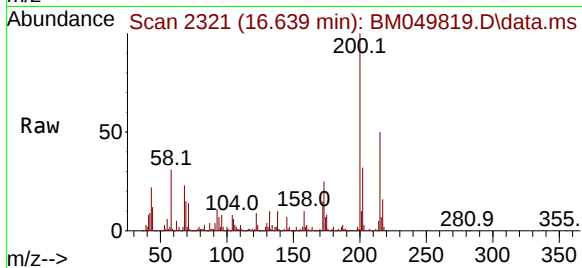
Tgt Ion:200 Resp: 804116

Ion Ratio Lower Upper

200 100

173 25.0 5.4 45.4

215 49.8 29.8 69.8



#70

Pentachlorophenol

Concen: 114.507 ng

RT: 16.827 min Scan# 2353

Delta R.T. -0.012 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

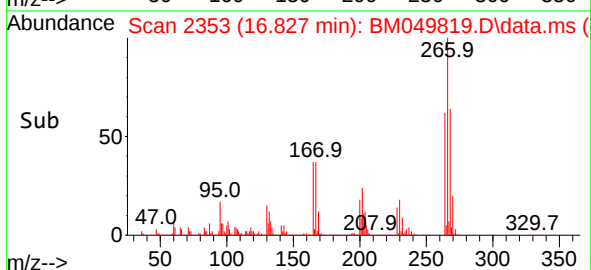
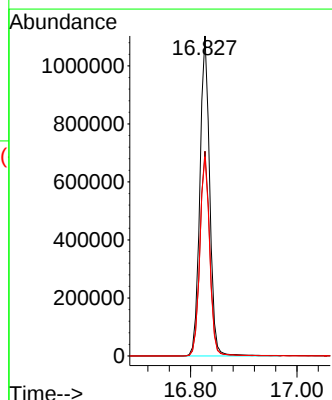
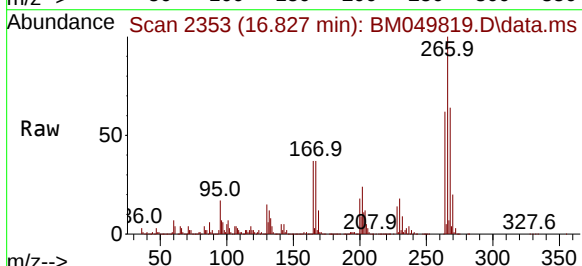
Tgt Ion:266 Resp: 1402990

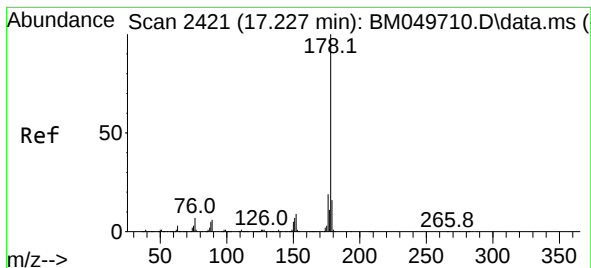
Ion Ratio Lower Upper

266 100

268 64.0 50.2 75.2

264 62.3 51.3 76.9





#71

Phenanthrene

Concen: 48.975 ng

RT: 17.215 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

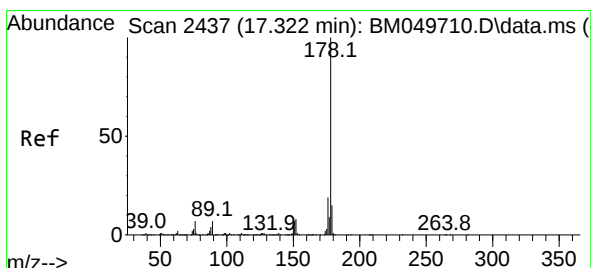
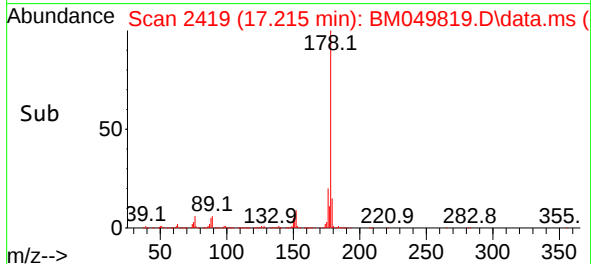
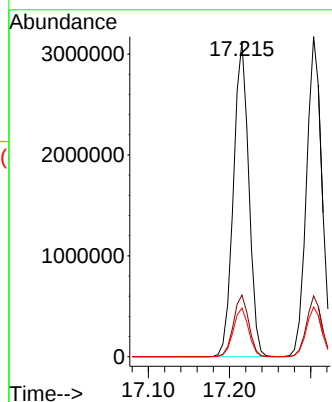
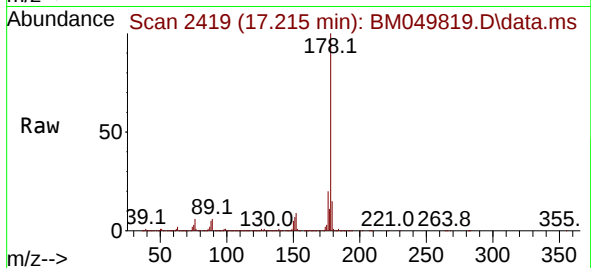
Tgt Ion:178 Resp: 4083770

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.4 12.5 18.7



#72

Anthracene

Concen: 51.621 ng

RT: 17.304 min Scan# 2434

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

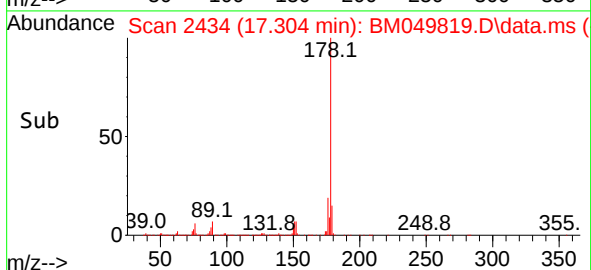
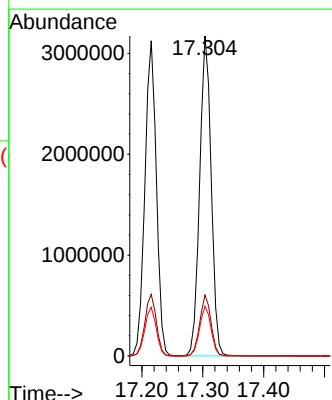
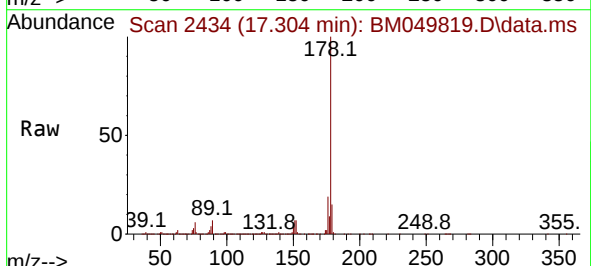
Tgt Ion:178 Resp: 4168596

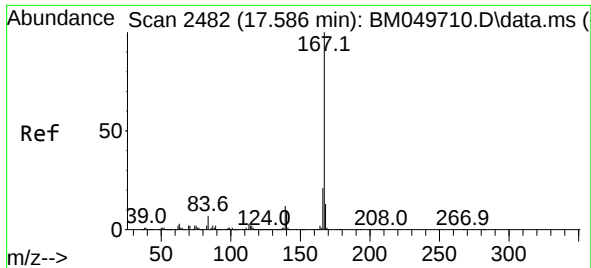
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.5 12.4 18.6

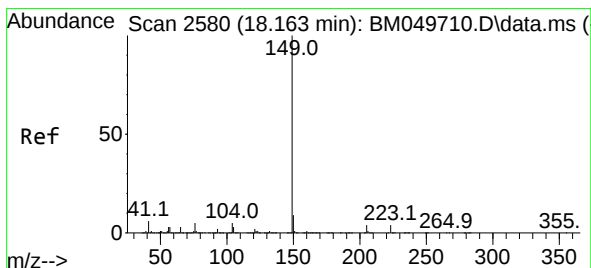
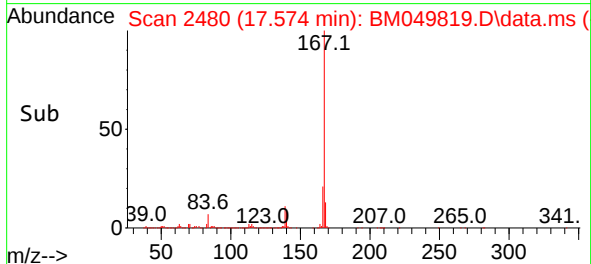
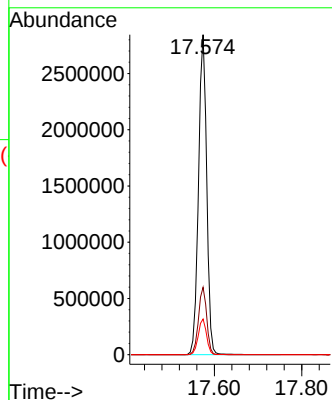
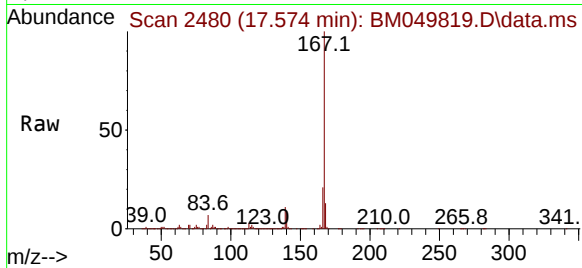




#73
 Carbazole
 Concen: 50.798 ng
 RT: 17.574 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BM049819.D
 Acq: 04 Apr 2025 11:56

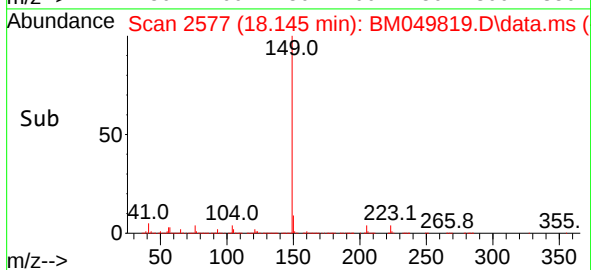
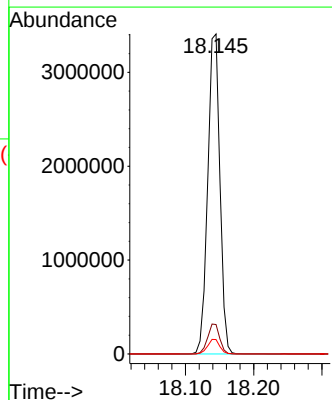
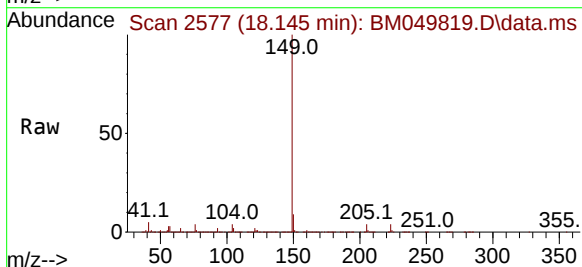
Instrument :
 BNA_M
 ClientSampleId :
 PB167436BS

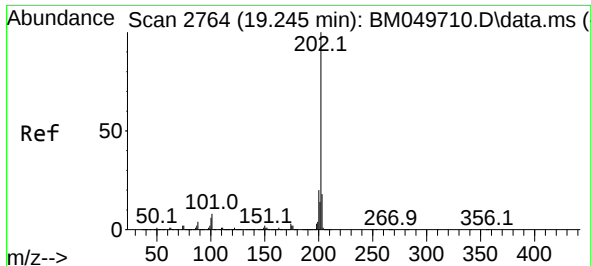
Tgt Ion:167 Resp: 3715066
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 11.2 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 52.717 ng
 RT: 18.145 min Scan# 2577
 Delta R.T. -0.018 min
 Lab File: BM049819.D
 Acq: 04 Apr 2025 11:56

Tgt Ion:149 Resp: 4225661
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.5 3.9 5.9

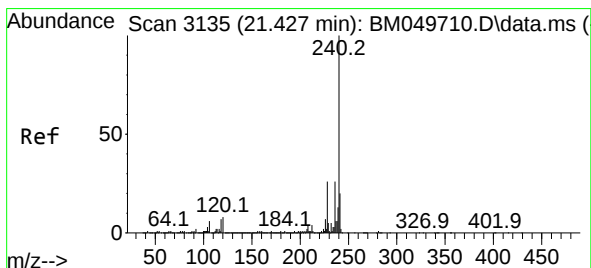
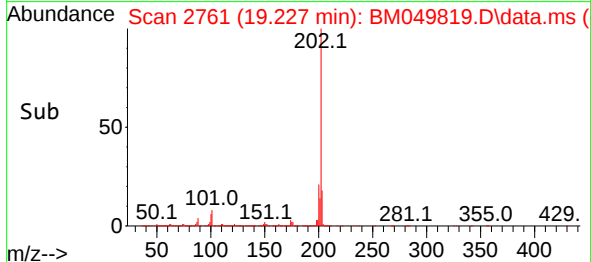
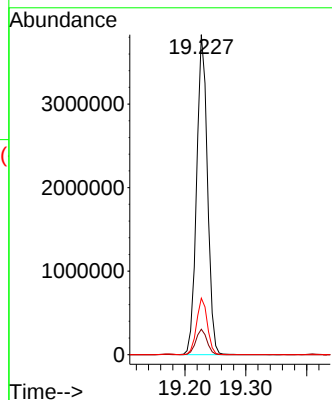
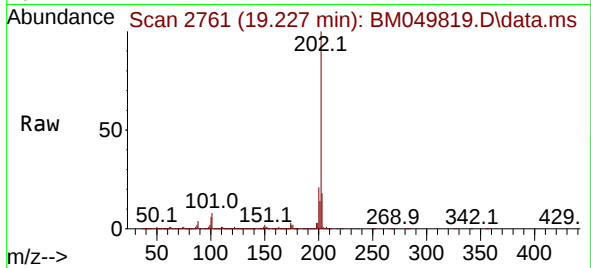




#75
Fluoranthene
Concen: 49.169 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

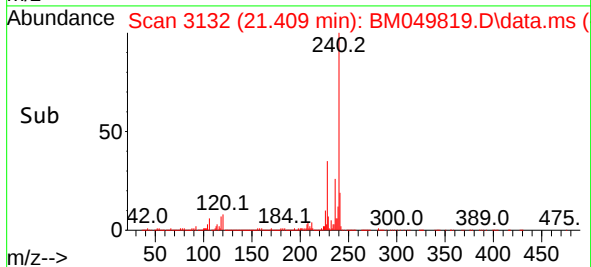
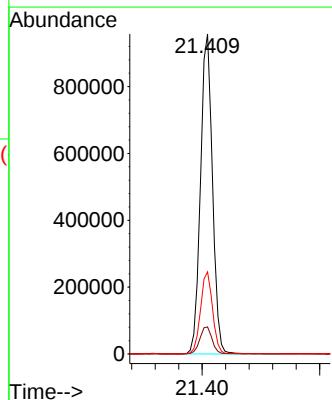
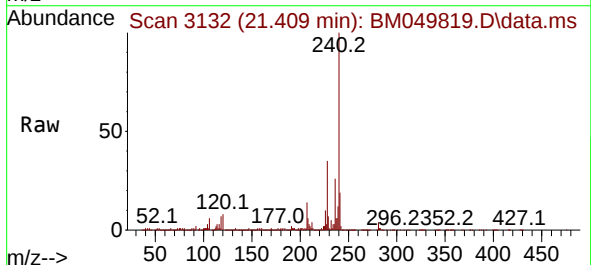
Instrument :
BNA_M
ClientSampleId :
PB167436BS

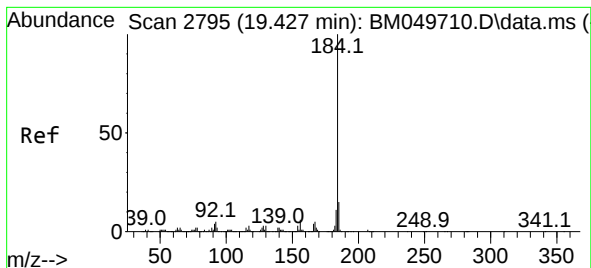
Tgt Ion:202 Resp: 4720250
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.8
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:240 Resp: 1349007
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 25.7 20.7 31.1





#77

Benzidine

Concen: 101.208 ng

RT: 19.409 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

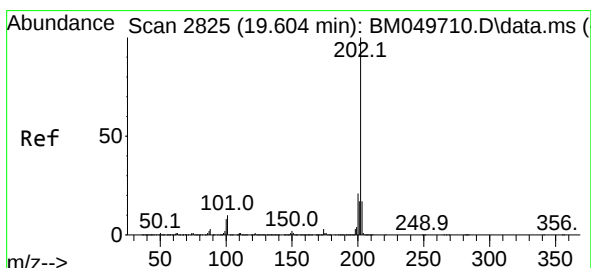
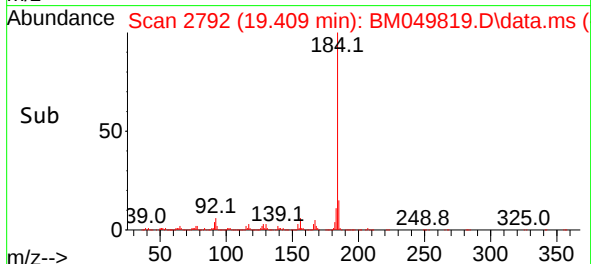
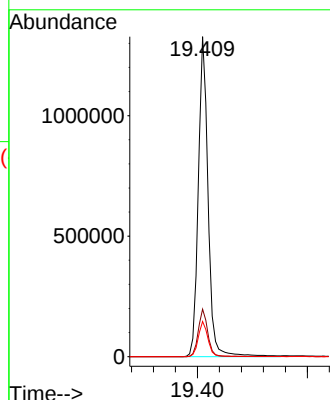
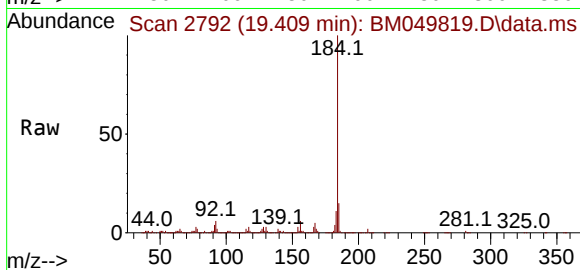
Tgt Ion:184 Resp: 1640274

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

183 11.0 8.8 13.2



#78

Pyrene

Concen: 51.462 ng

RT: 19.592 min Scan# 2823

Delta R.T. -0.012 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

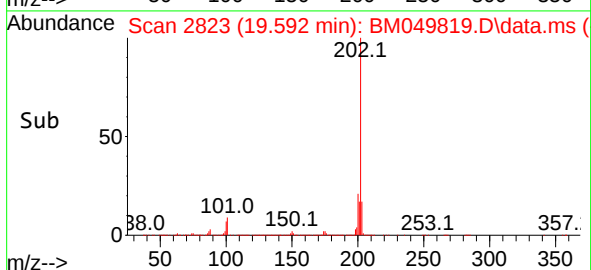
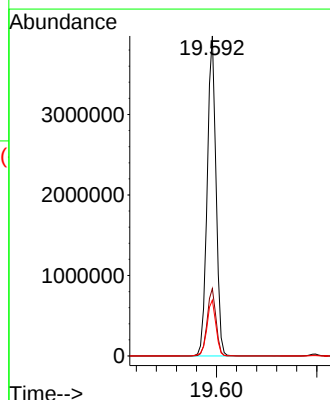
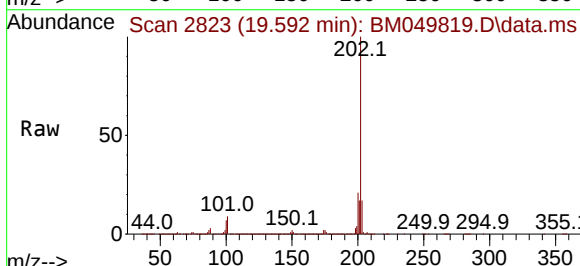
Tgt Ion:202 Resp: 4850230

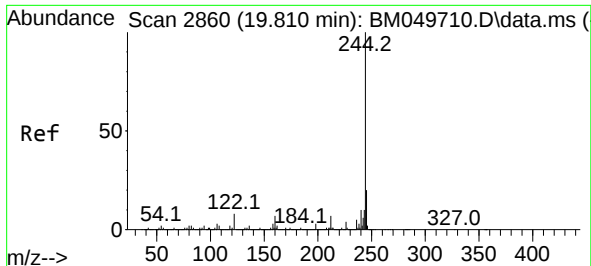
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.5 14.0 21.0

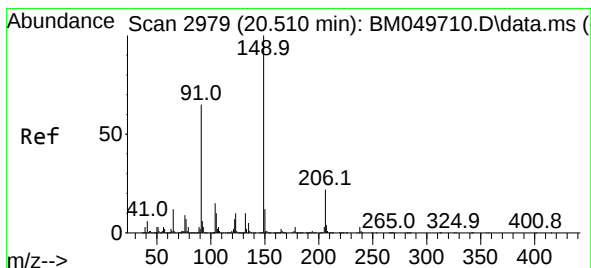
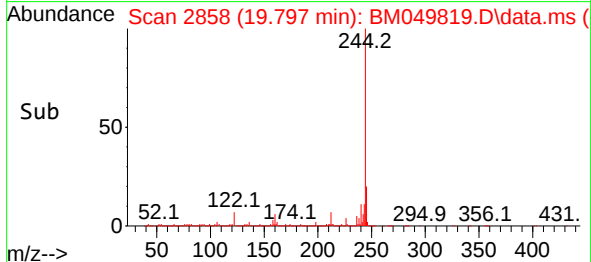
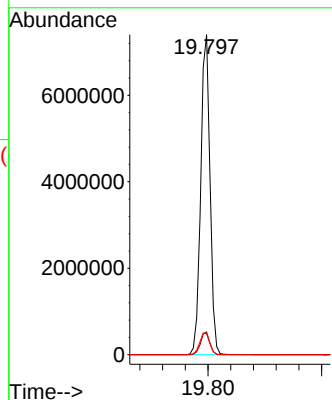
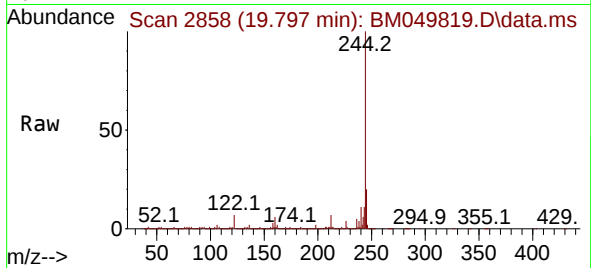




#79
 Terphenyl-d14
 Concen: 104.801 ng
 RT: 19.797 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049819.D
 Acq: 04 Apr 2025 11:56

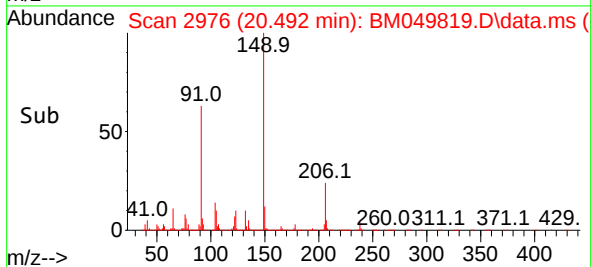
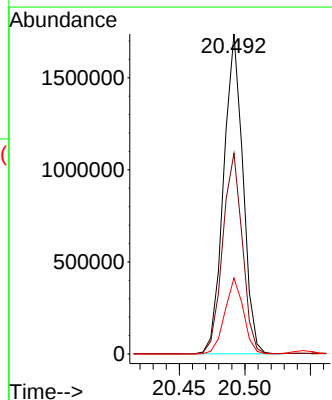
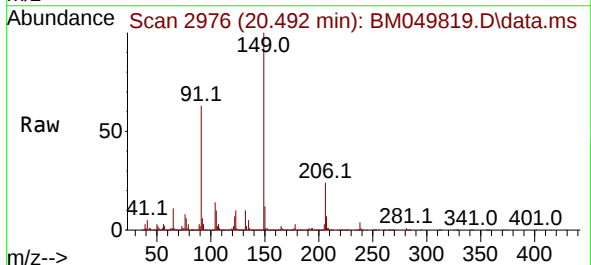
Instrument :
 BNA_M
 ClientSampleId :
 PB167436BS

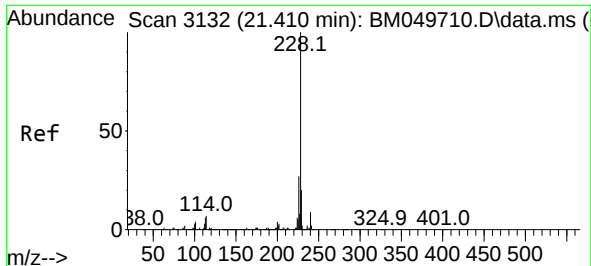
Tgt Ion:244 Resp: 8389745
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 6.6 6.0 9.0



#80
 Butylbenzylphthalate
 Concen: 60.735 ng
 RT: 20.492 min Scan# 2976
 Delta R.T. -0.018 min
 Lab File: BM049819.D
 Acq: 04 Apr 2025 11:56

Tgt Ion:149 Resp: 1776453
 Ion Ratio Lower Upper
 149 100
 91 62.7 52.2 78.4
 206 23.7 17.6 26.4

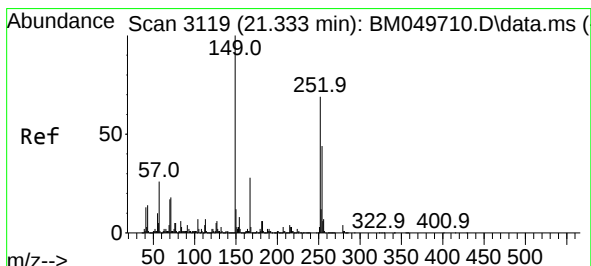
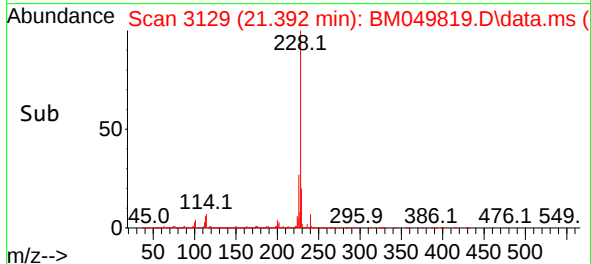
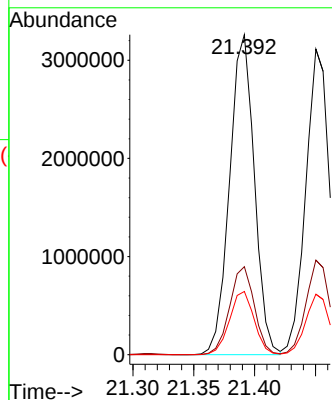
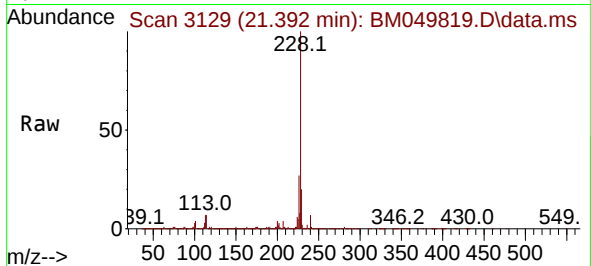




#81
Benzo(a)anthracene
Concen: 51.109 ng
RT: 21.392 min Scan# 3115
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

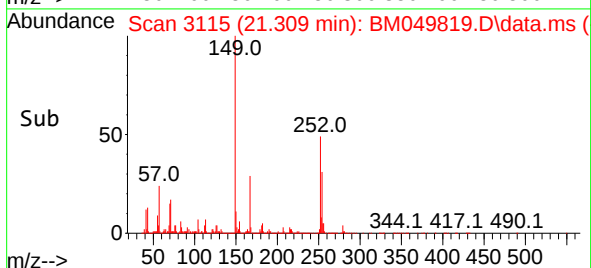
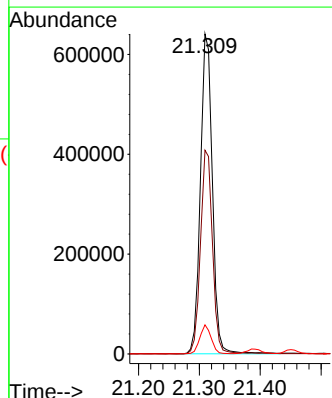
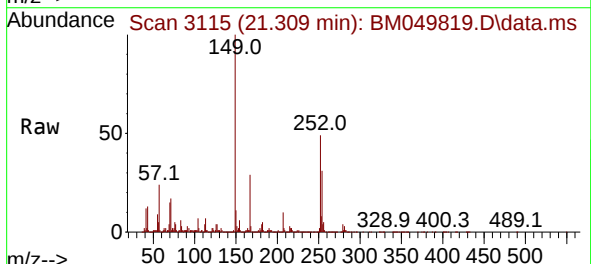
Instrument :
BNA_M
ClientSampleId :
PB167436BS

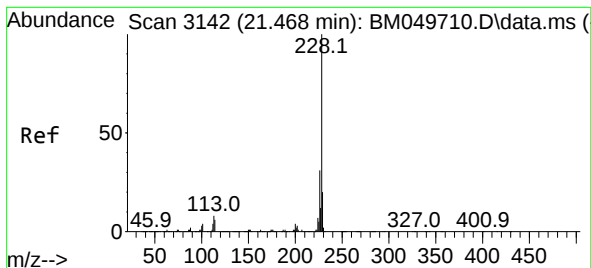
Tgt Ion:228 Resp: 4605146
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 29.696 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:252 Resp: 871157
Ion Ratio Lower Upper
252 100
254 63.6 51.0 76.4
126 9.1 6.3 9.5





#83

Chrysene

Concen: 49.808 ng

RT: 21.450 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

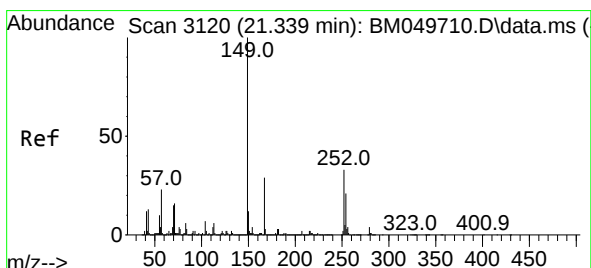
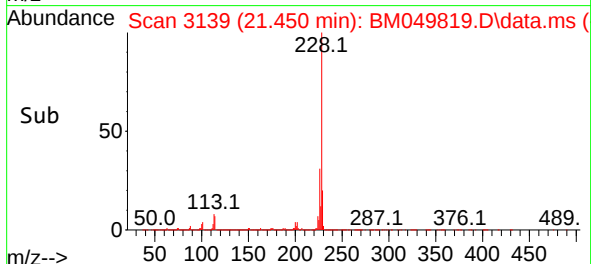
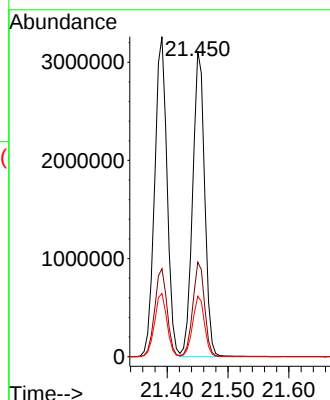
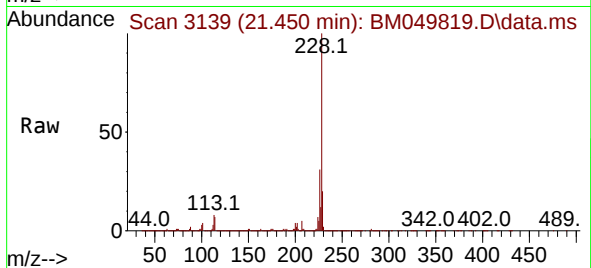
Tgt Ion:228 Resp: 4254284

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.804 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

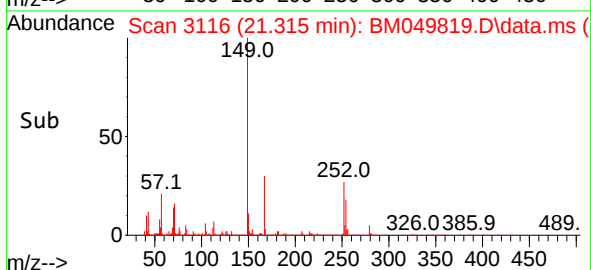
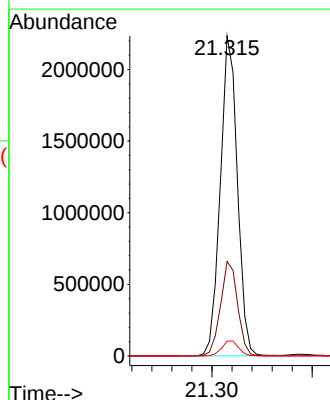
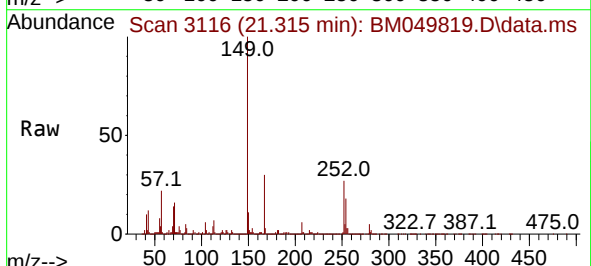
Tgt Ion:149 Resp: 2634928

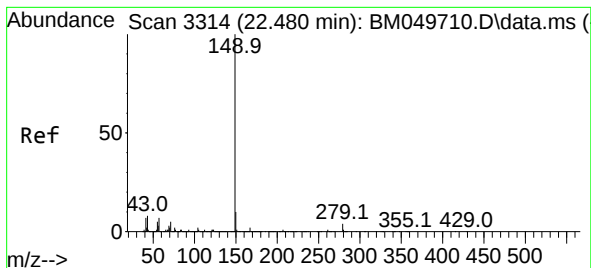
Ion Ratio Lower Upper

149 100

167 29.5 22.9 34.3

279 4.6 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 61.464 ng

RT: 22.450 min Scan# 31

Delta R.T. -0.030 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

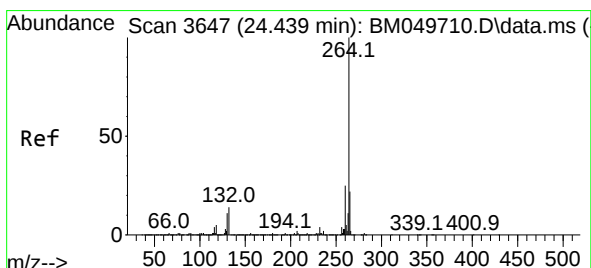
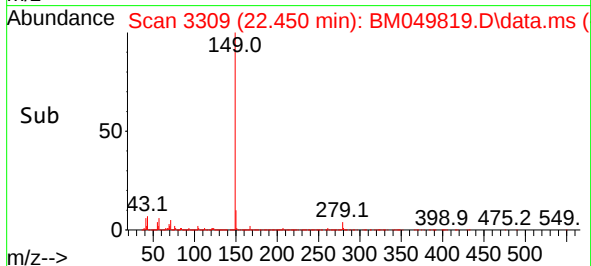
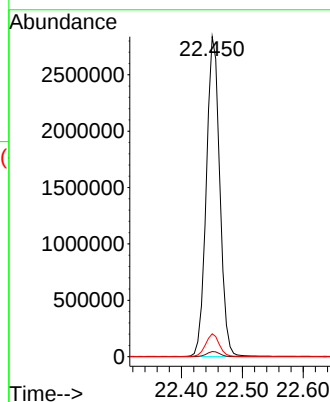
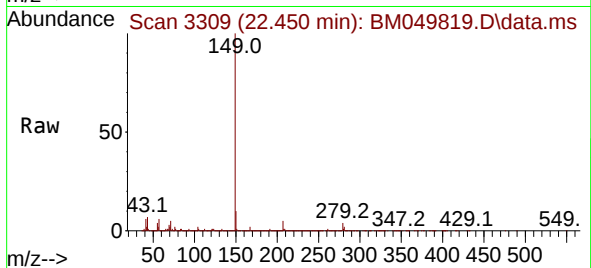
Tgt Ion:149 Resp: 4354676

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.1 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3642

Delta R.T. -0.030 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

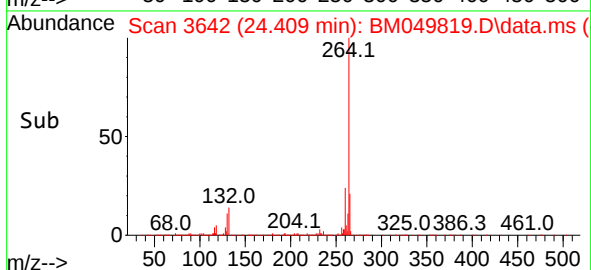
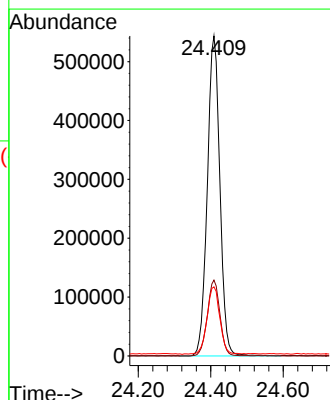
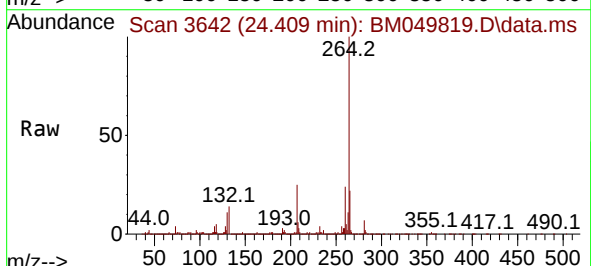
Tgt Ion:264 Resp: 1305543

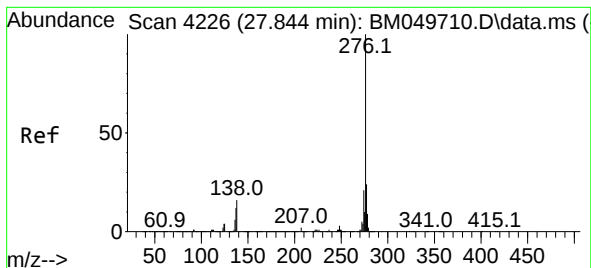
Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 21.6 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.934 ng

RT: 27.797 min Scan# 4218

Delta R.T. -0.047 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

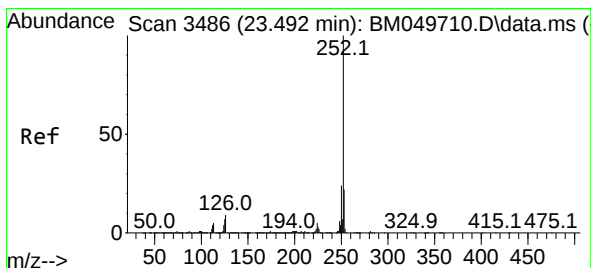
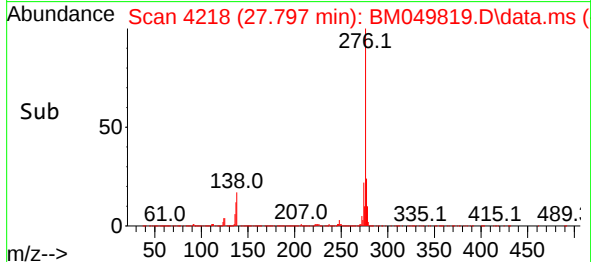
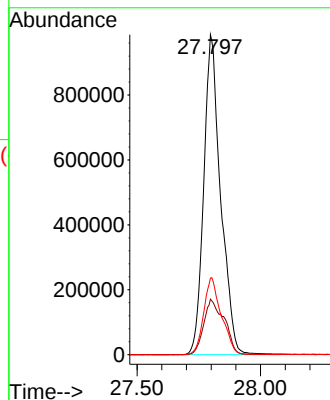
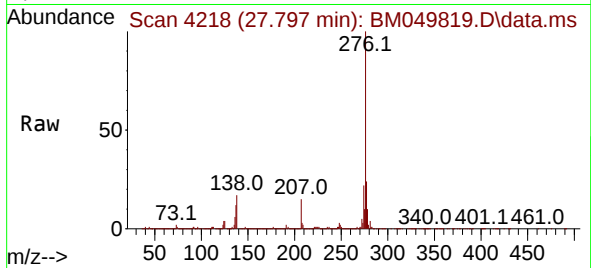
Tgt Ion:276 Resp: 4692116

Ion Ratio Lower Upper

276 100

138 20.9 16.3 24.5

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 46.939 ng

RT: 23.462 min Scan# 3481

Delta R.T. -0.030 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

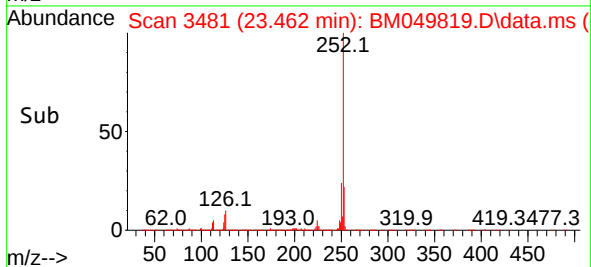
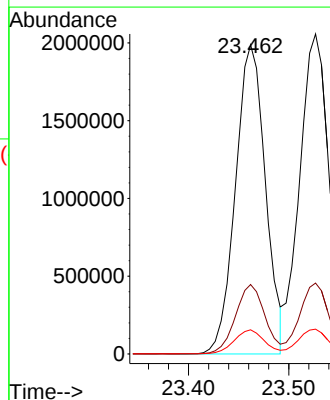
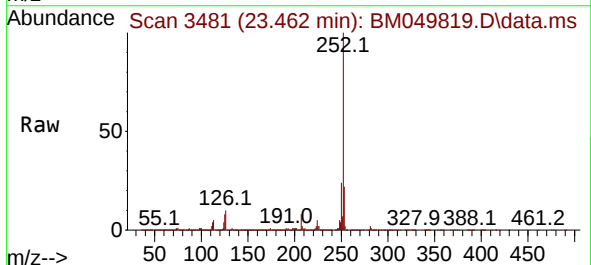
Tgt Ion:252 Resp: 4127442

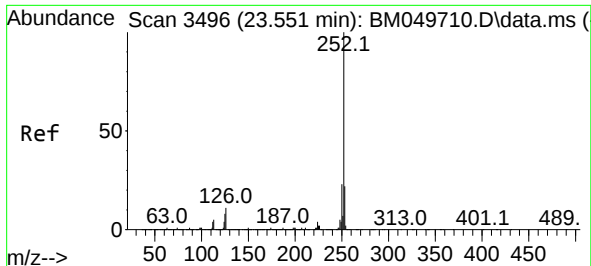
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 7.8 5.9 8.9

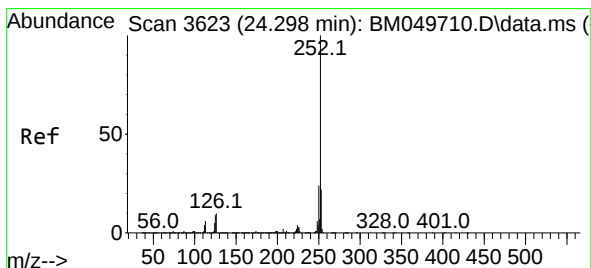
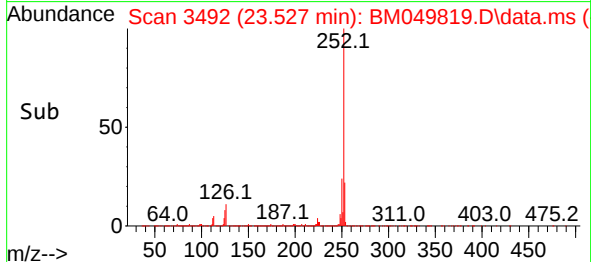
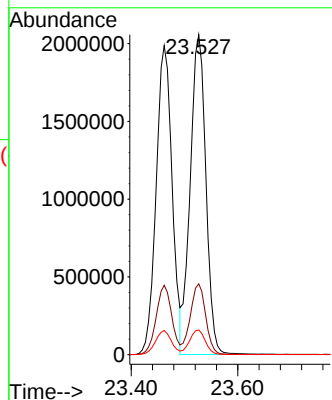
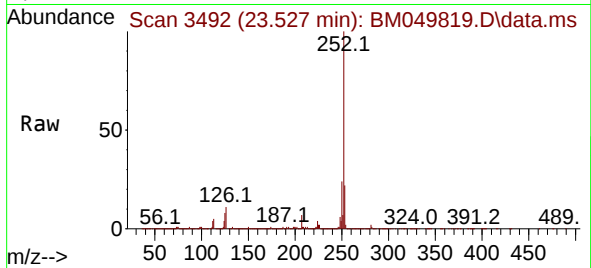




#89
Benzo(k)fluoranthene
Concen: 48.545 ng
RT: 23.527 min Scan# 34
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

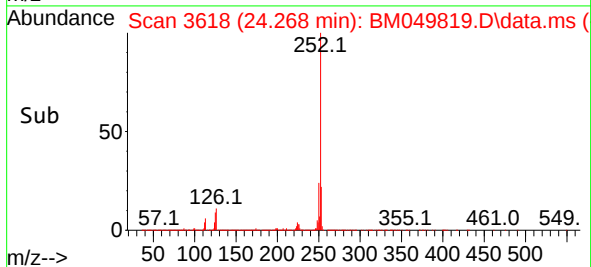
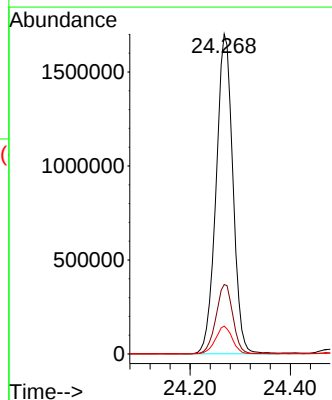
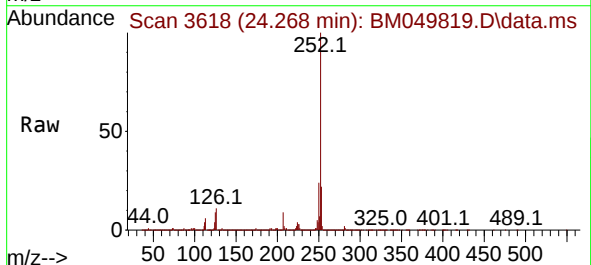
Instrument :
BNA_M
ClientSampleId :
PB167436BS

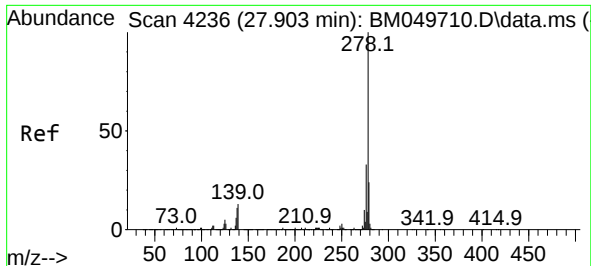
Tgt Ion:252 Resp: 4200333
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.8 6.2 9.2



#90
Benzo(a)pyrene
Concen: 53.453 ng
RT: 24.268 min Scan# 3618
Delta R.T. -0.030 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:252 Resp: 3948054
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.7 7.0 10.6

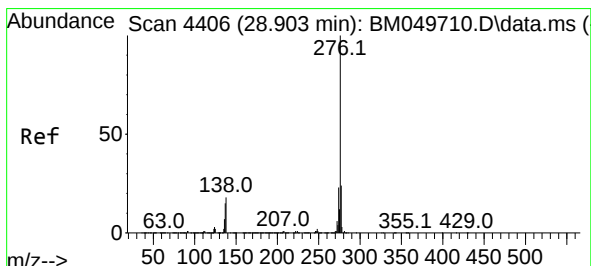
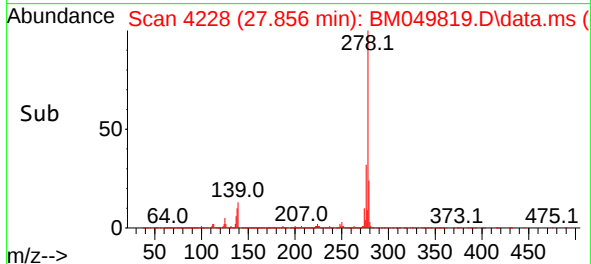
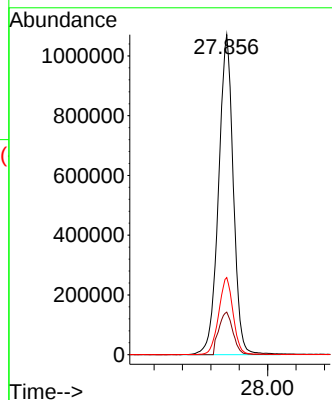
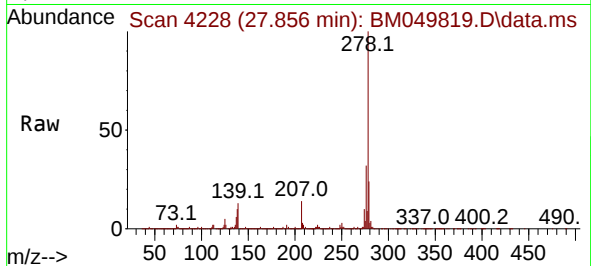




#91
Dibenzo(a,h)anthracene
Concen: 49.331 ng
RT: 27.856 min Scan# 41
Delta R.T. -0.047 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Instrument :
BNA_M
ClientSampleId :
PB167436BS

Tgt Ion:278 Resp: 3862081
Ion Ratio Lower Upper
278 100
139 13.3 10.1 15.1
279 24.1 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 46.738 ng
RT: 28.856 min Scan# 4398
Delta R.T. -0.047 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:276 Resp: 3685691
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 17.8 14.0 21.0

