

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049714.D
 Acq On : 13 Mar 2025 14:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031325

Quant Time: Mar 13 15:16:44 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	7.810	152	399812	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1369450	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	852294	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1592582	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1466147	20.000	ng	0.00
86) Perylene-d12	24.444	264	1326527	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1891142	79.812	ng	0.00
7) Phenol-d6	6.981	99	2447496	82.307	ng	0.00
23) Nitrobenzene-d5	8.963	82	2126194	79.713	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	875272	87.947	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	5375823	78.993	ng	0.00
79) Terphenyl-d14	19.815	244	7576311	87.079	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.287	88	394101	38.421 ng	99
3) Pyridine	3.687	79	919963	35.118 ng	99
4) n-Nitrosodimethylamine	3.593	42	460309	39.713 ng	100
6) Aniline	7.140	93	1035308	41.558 ng	100
8) 2-Chlorophenol	7.375	128	929963	39.632 ng	99
9) Benzaldehyde	6.946	77	572392	38.938 ng	99
10) Phenol	7.010	94	1165563	40.424 ng	97
11) bis(2-Chloroethyl)ether	7.234	93	926742	39.691 ng	100
12) 1,3-Dichlorobenzene	7.698	146	1101384	38.623 ng	99
13) 1,4-Dichlorobenzene	7.845	146	1111735	38.645 ng	97
14) 1,2-Dichlorobenzene	8.163	146	1060889	38.803 ng	98
15) Benzyl Alcohol	8.045	79	782965	41.958 ng	97
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1062992	38.736 ng	100
17) 2-Methylphenol	8.257	107	697345	40.737 ng	100
18) Hexachloroethane	8.892	117	384500	37.848 ng	90
19) n-Nitroso-di-n-propyla...	8.616	70	718211	41.653 ng	99
20) 3+4-Methylphenols	8.581	107	940414	40.994 ng	98
22) Acetophenone	8.628	105	1393533	39.465 ng	# 99
24) Nitrobenzene	9.004	77	997217	39.649 ng	100
25) Isophorone	9.534	82	1666027	40.681 ng	100
26) 2-Nitrophenol	9.716	139	451612	42.188 ng	98
27) 2,4-Dimethylphenol	9.781	122	556007	40.805 ng	99
28) bis(2-Chloroethoxy)met...	10.016	93	1128797	39.135 ng	99
29) 2,4-Dichlorophenol	10.257	162	895070	40.313 ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	1058273	38.096 ng	100
31) Naphthalene	10.657	128	2766321	39.284 ng	100
32) Benzoic acid	9.928	122	497601	42.940 ng	98
33) 4-Chloroaniline	10.763	127	968932	40.318 ng	100
34) Hexachlorobutadiene	10.945	225	655162	38.204 ng	99
35) Caprolactam	11.545	113	222273	43.119 ng	97
36) 4-Chloro-3-methylphenol	11.892	107	800680	42.022 ng	98
37) 2-Methylnaphthalene	12.269	142	1966254	39.933 ng	100
38) 1-Methylnaphthalene	12.486	142	1904818	40.096 ng	100
40) 1,2,4,5-Tetrachloroben...	12.639	216	1217494	38.890 ng	100
41) Hexachlorocyclopentadiene	12.627	237	457666	39.461 ng	99
43) 2,4,6-Trichlorophenol	12.880	196	720412	41.087 ng	99

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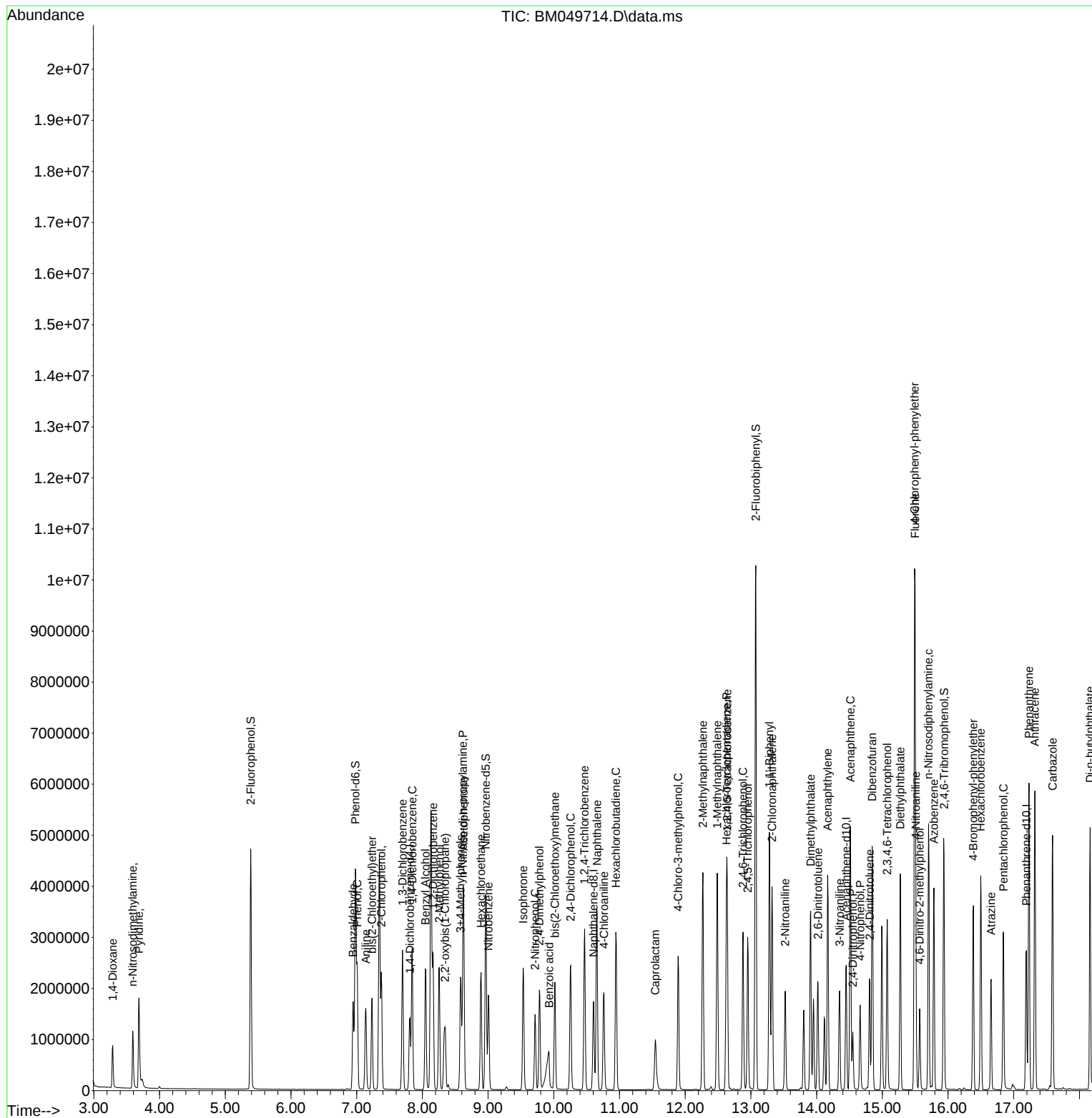
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	781740	40.857	ng	98
46) 1,1'-Biphenyl	13.280	154	2552259	38.855	ng	100
47) 2-Chloronaphthalene	13.322	162	1973551	38.600	ng	99
48) 2-Nitroaniline	13.522	65	482592	42.046	ng	98
49) Acenaphthylene	14.169	152	2837576	39.705	ng	99
50) Dimethylphthalate	13.910	163	2306806	39.312	ng	100
51) 2,6-Dinitrotoluene	14.022	165	479409	40.774	ng	96
52) Acenaphthene	14.516	154	1839291	39.236	ng	99
53) 3-Nitroaniline	14.351	138	466241	41.671	ng	97
54) 2,4-Dinitrophenol	14.551	184	235915	40.645	ng	98
55) Dibenzofuran	14.845	168	3036901	38.878	ng	100
56) 4-Nitrophenol	14.663	139	387757	39.814	ng	99
57) 2,4-Dinitrotoluene	14.810	165	633322	41.860	ng	97
58) Fluorene	15.498	166	2552375	40.133	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	659657	41.187	ng	99
60) Diethylphthalate	15.274	149	2202259	39.848	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	1389032	39.997	ng	96
62) 4-Nitroaniline	15.510	138	488092	37.552	ng	98
63) Azobenzene	15.786	77	2092221	39.634	ng	99
65) 4,6-Dinitro-2-methylph...	15.568	198	335673	40.710	ng	94
66) n-Nitrosodiphenylamine	15.704	169	1935702	40.117	ng	98
67) 4-Bromophenyl-phenylether	16.386	248	733304	39.881	ng	97
68) Hexachlorobenzene	16.498	284	816963	39.511	ng	98
69) Atrazine	16.657	200	397712	37.400	ng	97
70) Pentachlorophenol	16.845	266	523396	40.280	ng	98
71) Phenanthrene	17.233	178	3502162	39.603	ng	100
72) Anthracene	17.321	178	3462856	40.434	ng	100
73) Carbazole	17.592	167	3088050	39.814	ng	99
74) Di-n-butylphthalate	18.162	149	3415276	40.175	ng	100
75) Fluoranthene	19.245	202	4098453	40.255	ng	99
77) Benzidine	19.427	184	861900	48.932	ng	100
78) Pyrene	19.609	202	4229052	41.286	ng	100
80) Butylbenzylphthalate	20.509	149	1322122	41.591	ng	96
81) Benzo(a)anthracene	21.409	228	3881696	39.638	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	1278791	40.108	ng	99
83) Chrysene	21.474	228	3630416	39.108	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	2039556	41.168	ng	100
85) Di-n-octyl phthalate	22.486	149	2953248	38.353	ng	100
87) Indeno(1,2,3-cd)pyrene	27.856	276	3642855	38.154	ng	100
88) Benzo(b)fluoranthene	23.497	252	3507924	39.262	ng	100
89) Benzo(k)fluoranthene	23.562	252	3482012	39.606	ng	99
90) Benzo(a)pyrene	24.309	252	2962652	39.477	ng	99
91) Dibenzo(a,h)anthracene	27.915	278	3029972	38.090	ng	100
92) Benzo(g,h,i)perylene	28.915	276	3030114	37.817	ng	100

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

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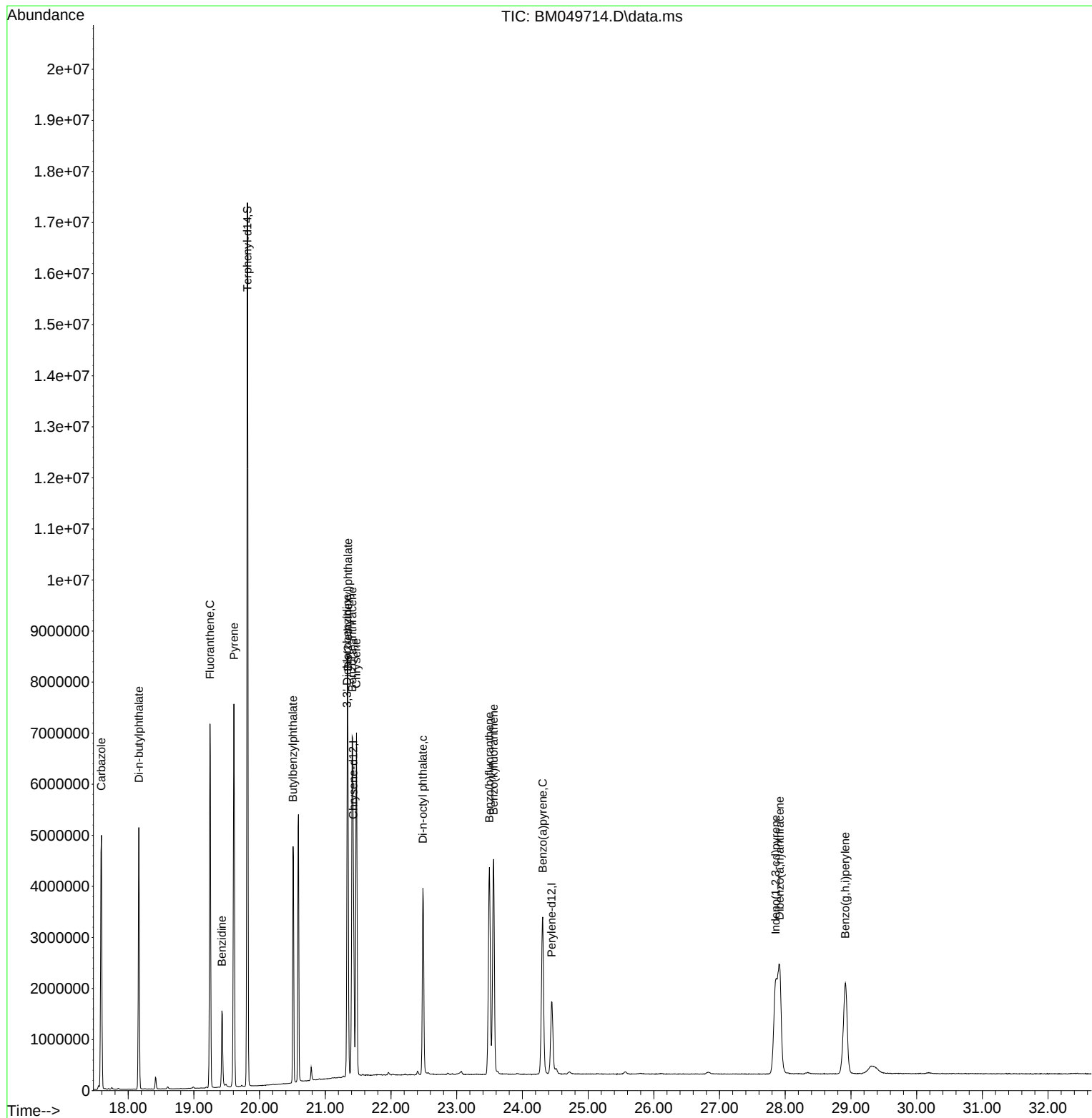
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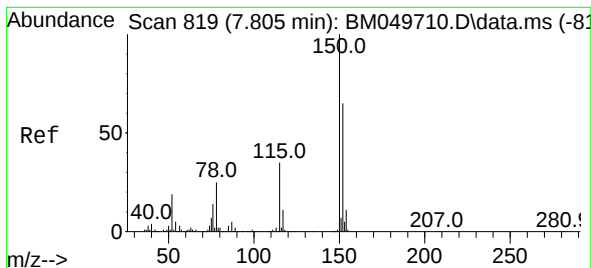


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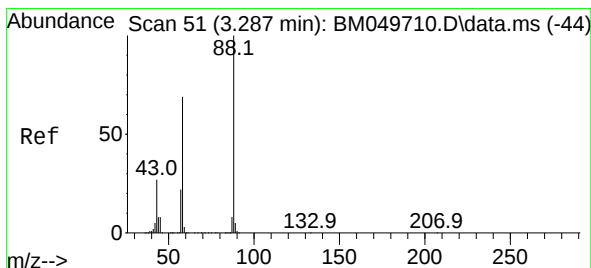
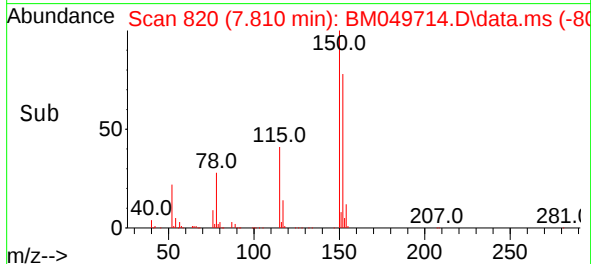
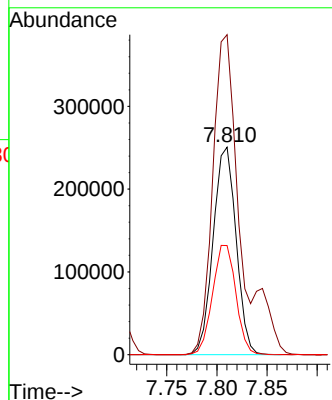
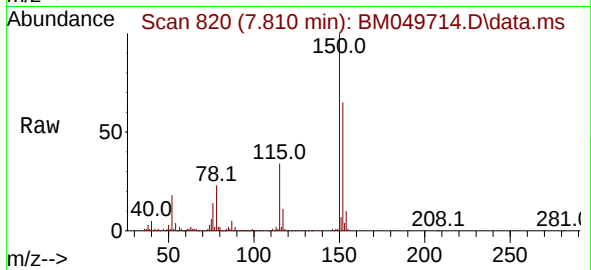




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 819
Delta R.T. 0.005 min
Lab File: BM049714.D
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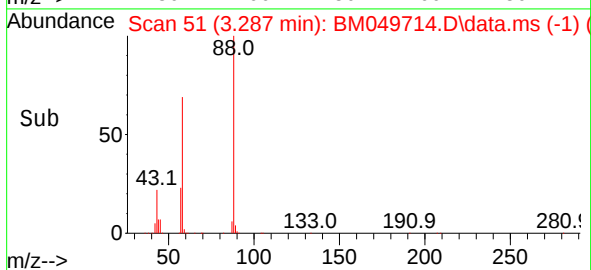
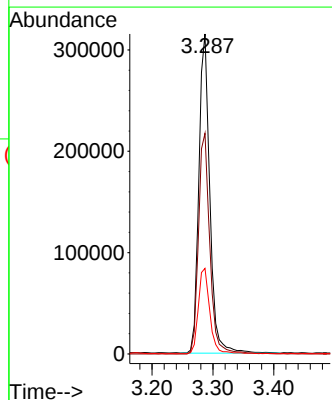
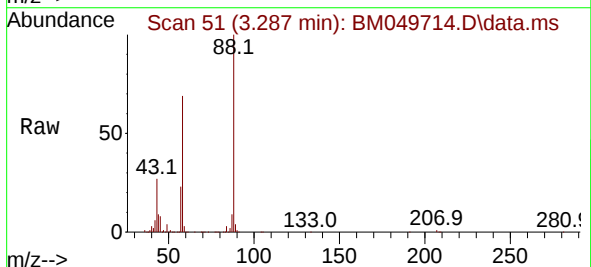
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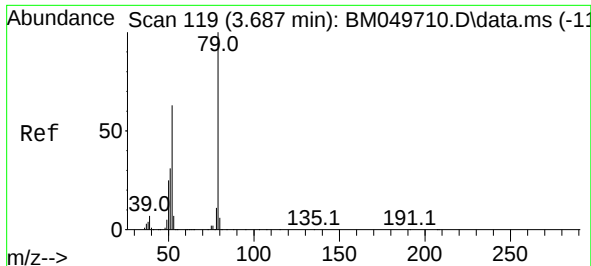
Tgt Ion:152 Resp: 399812
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.8
115 52.6 43.0 64.6



#2
1,4-Dioxane
Concen: 38.421 ng
RT: 3.287 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion: 88 Resp: 394101
Ion Ratio Lower Upper
88 100
58 71.3 56.7 85.1
43 28.0 22.6 34.0

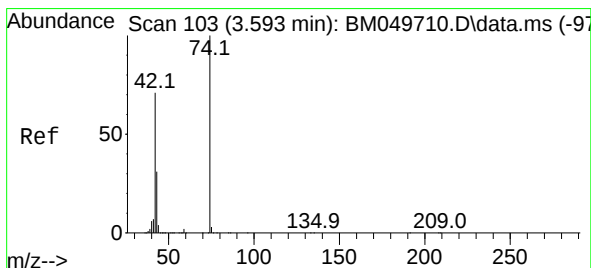
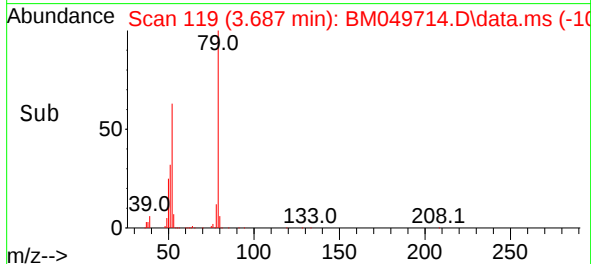
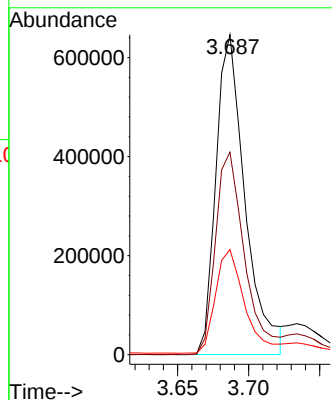
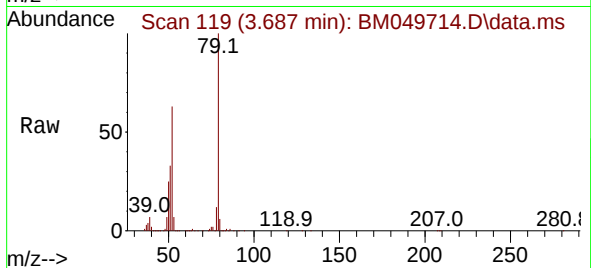




#3
Pyridine
Concen: 35.118 ng
RT: 3.687 min Scan# 119
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

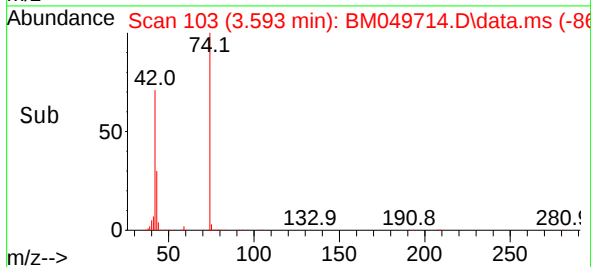
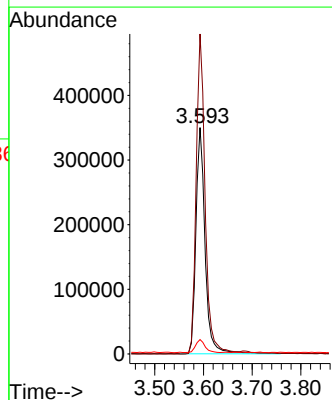
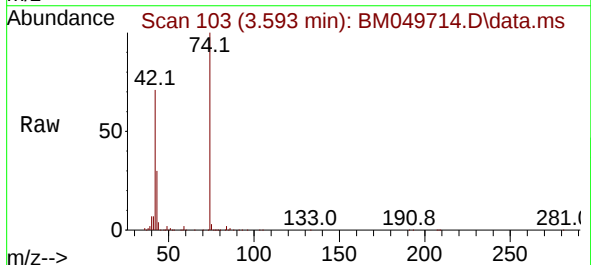
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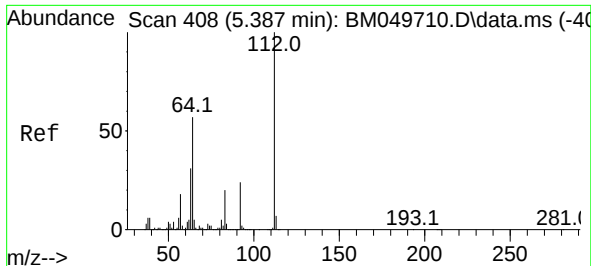
Tgt Ion: 79 Resp: 919963
Ion Ratio Lower Upper
79 100
52 63.3 50.1 75.1
51 32.8 25.2 37.8



#4
n-Nitrosodimethylamine
Concen: 39.713 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion: 42 Resp: 460309
Ion Ratio Lower Upper
42 100
74 141.3 112.6 168.8
44 6.3 5.0 7.6

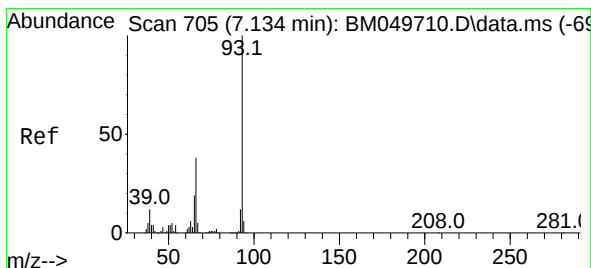
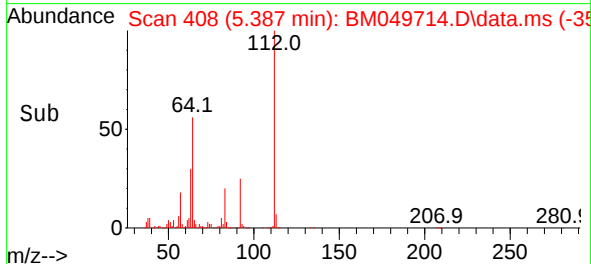
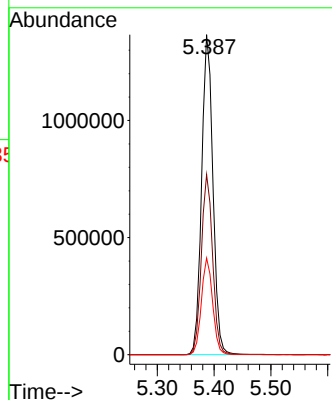
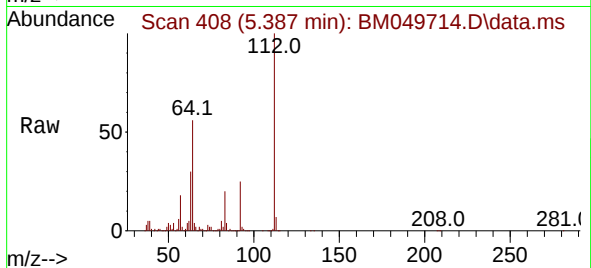




#5
2-Fluorophenol
Concen: 79.812 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

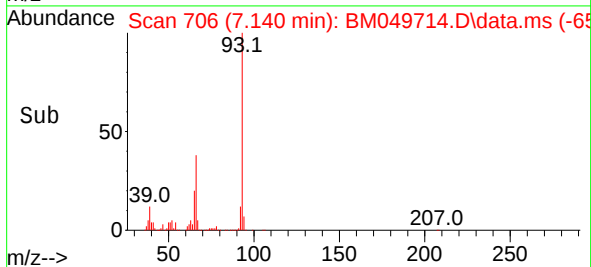
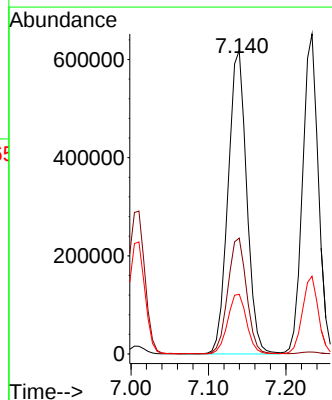
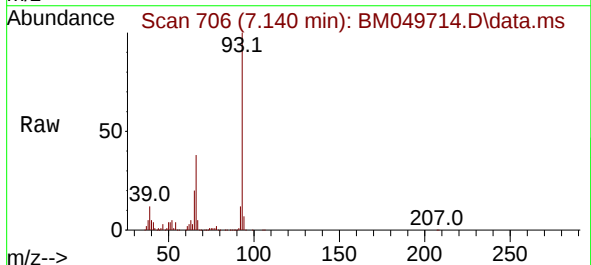
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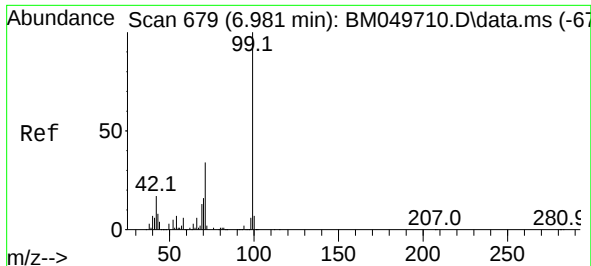
Tgt Ion:112 Resp: 1891142
Ion Ratio Lower Upper
112 100
64 56.3 45.3 67.9
63 30.2 24.4 36.6



#6
Aniline
Concen: 41.558 ng
RT: 7.140 min Scan# 706
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion: 93 Resp: 1035308
Ion Ratio Lower Upper
93 100
66 38.2 30.6 46.0
65 19.7 15.4 23.2

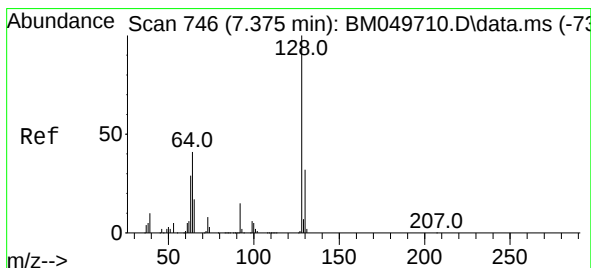
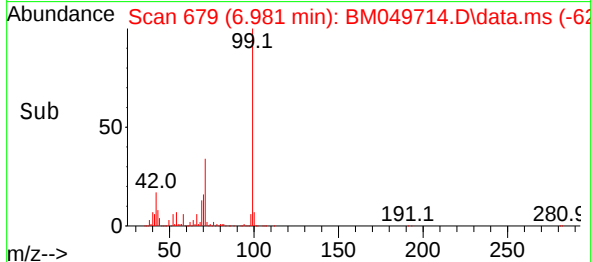
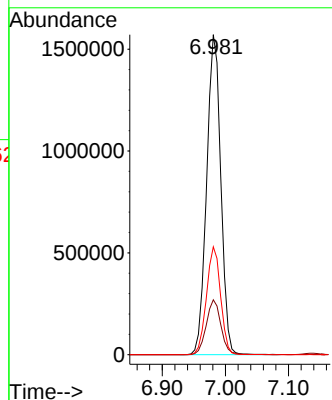
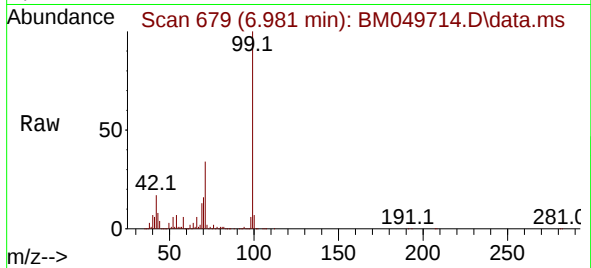




#7
Phenol-d6
Concen: 82.307 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

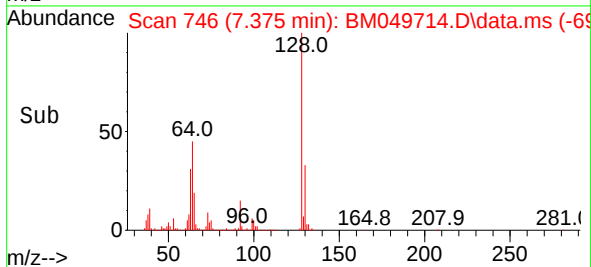
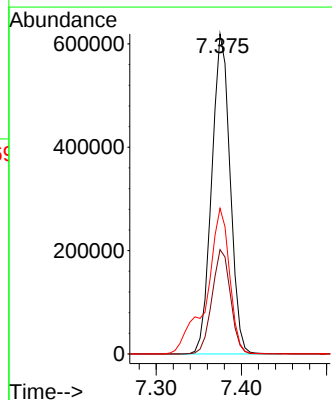
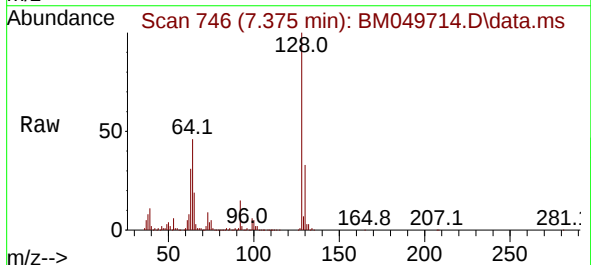
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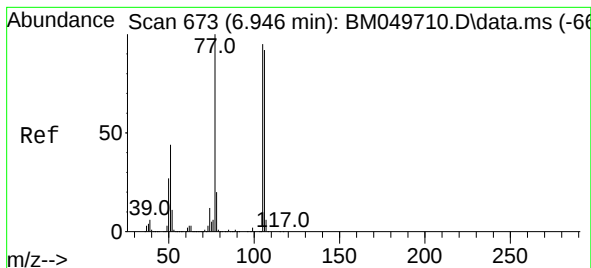
Tgt Ion: 99 Resp: 2447496
Ion Ratio Lower Upper
99 100
42 17.2 13.6 20.4
71 33.7 27.0 40.6



#8
2-Chlorophenol
Concen: 39.632 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BM049714.D
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Tgt Ion: 128 Resp: 929963
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 45.5 24.9 64.9

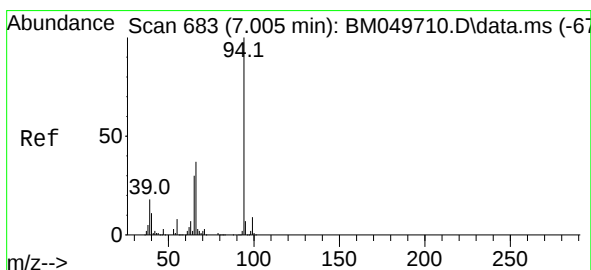
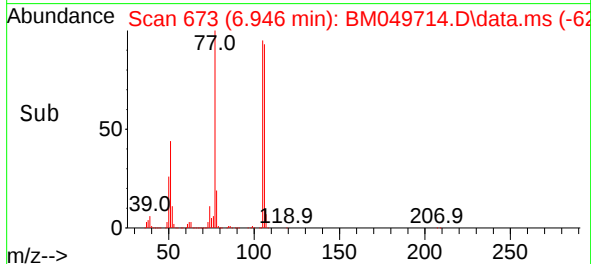
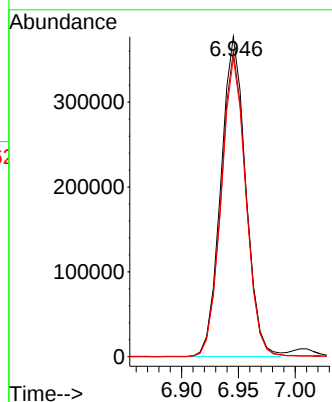
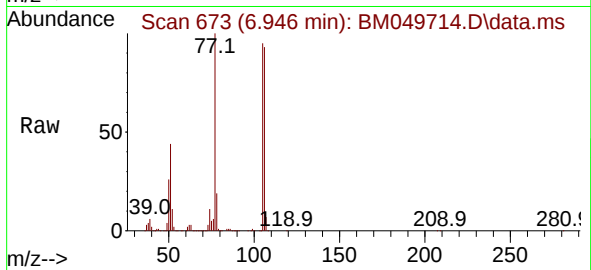




#9
Benzaldehyde
Concen: 38.938 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
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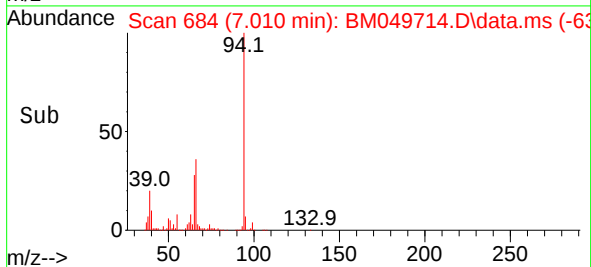
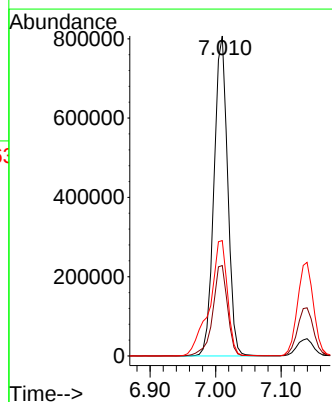
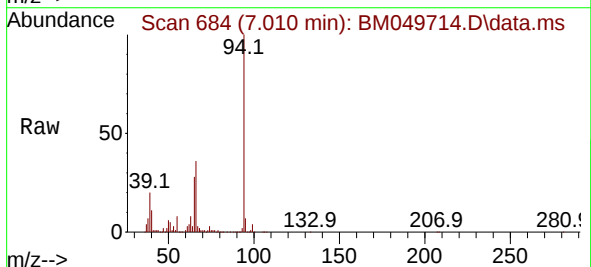
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

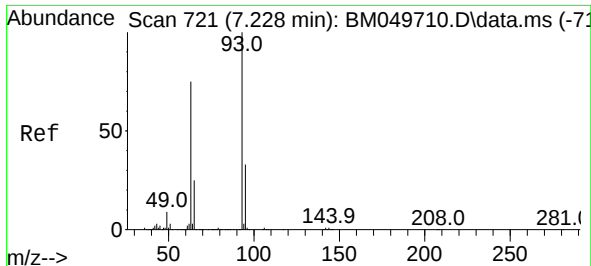
Tgt Ion: 77 Resp: 572392
Ion Ratio Lower Upper
77 100
105 95.4 75.0 115.0
106 93.4 72.3 112.3



#10
Phenol
Concen: 40.424 ng
RT: 7.010 min Scan# 684
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion: 94 Resp: 1165563
Ion Ratio Lower Upper
94 100
65 28.3 10.4 50.4
66 36.1 17.1 57.1

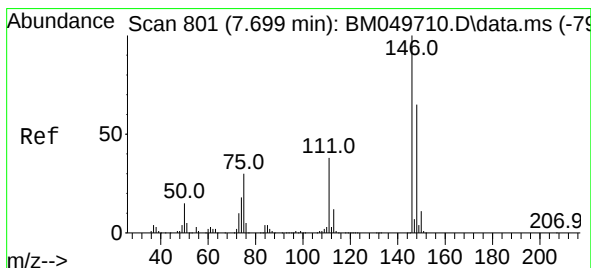
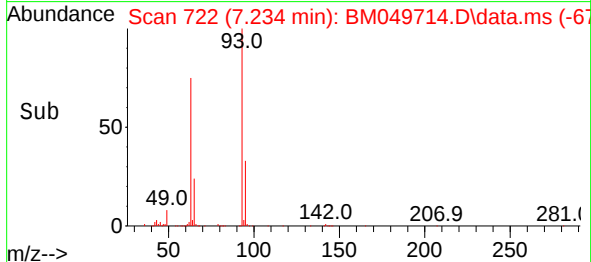
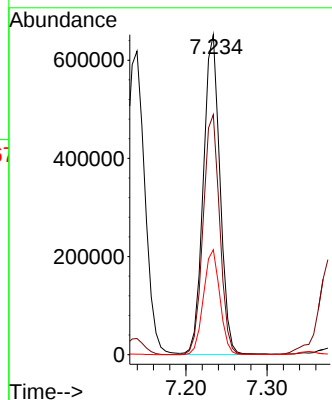
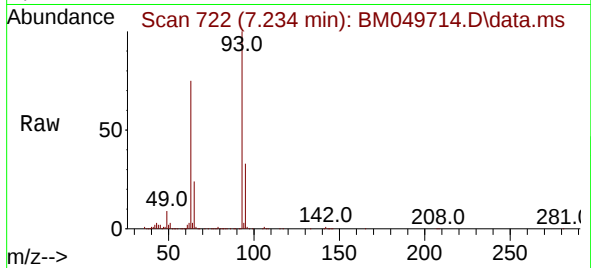




#11
bis(2-Chloroethyl)ether
Concen: 39.691 ng
RT: 7.234 min Scan# 721
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

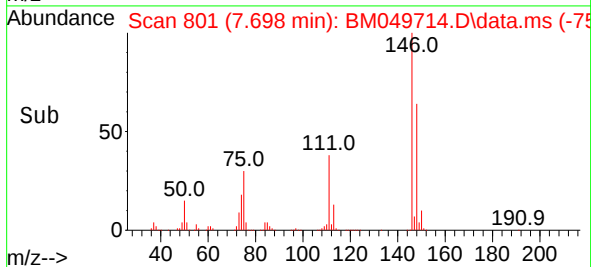
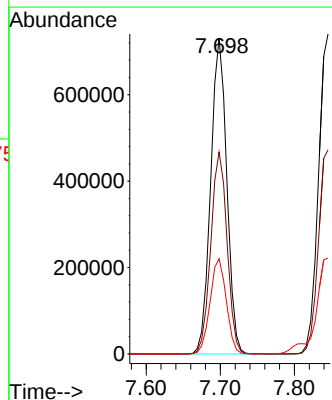
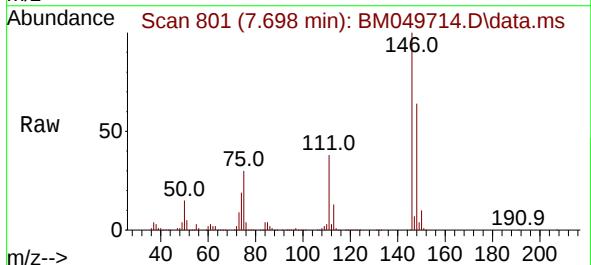
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

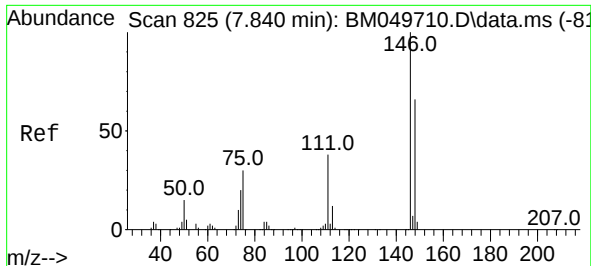
Tgt Ion: 93 Resp: 926742
Ion Ratio Lower Upper
93 100
63 75.0 54.8 94.8
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.623 ng
RT: 7.698 min Scan# 801
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:146 Resp: 1101384
Ion Ratio Lower Upper
146 100
148 64.0 52.3 78.5
75 30.2 24.2 36.2

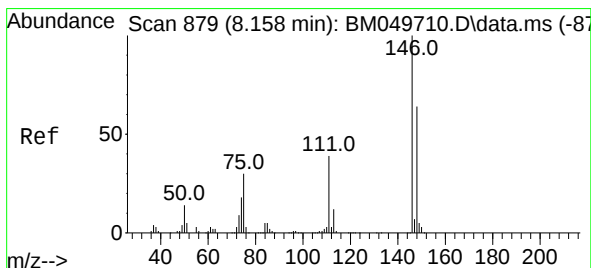
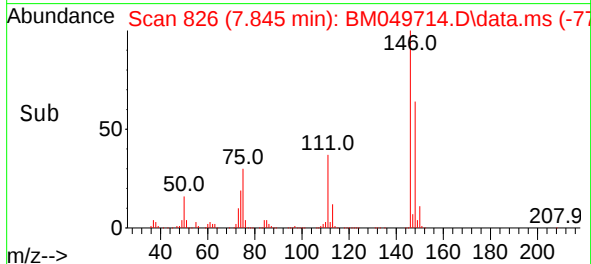
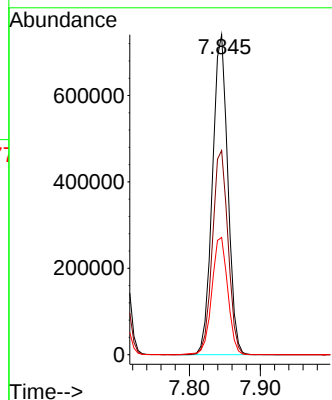
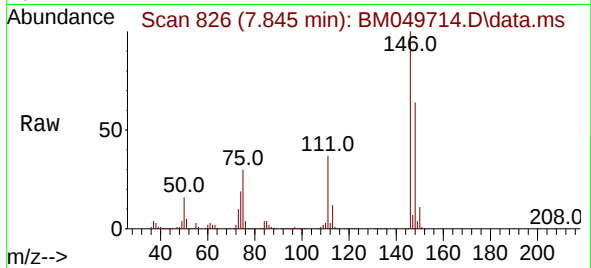




#13
1,4-Dichlorobenzene
Concen: 38.645 ng
RT: 7.845 min Scan# 811
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

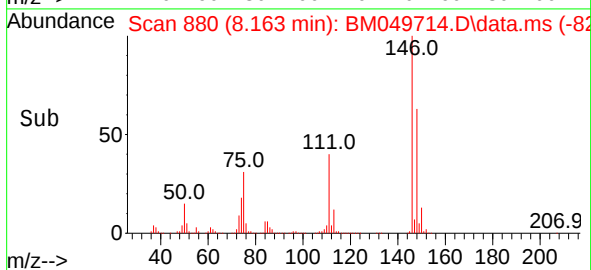
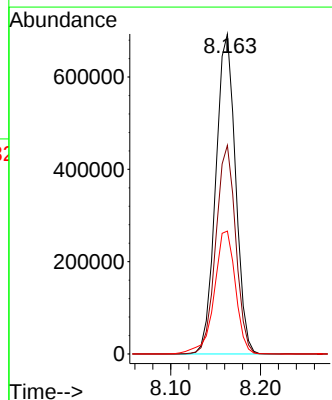
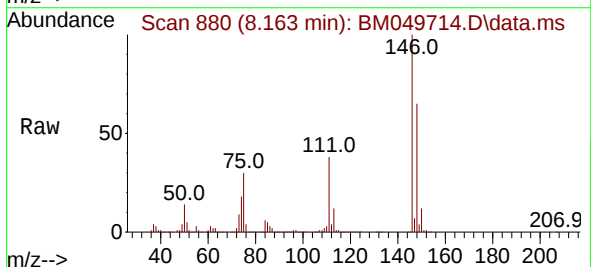
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

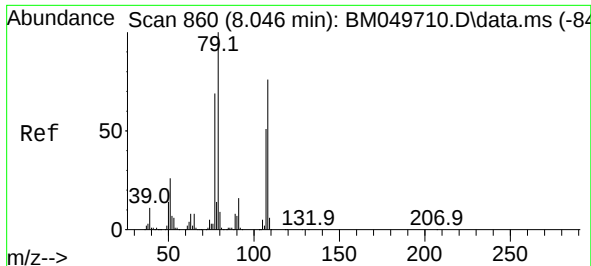
Tgt Ion:146 Resp: 1111735
Ion Ratio Lower Upper
146 100
148 63.8 52.6 79.0
111 36.7 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 38.803 ng
RT: 8.163 min Scan# 880
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:146 Resp: 1060889
Ion Ratio Lower Upper
146 100
148 65.2 50.9 76.3
111 38.4 31.0 46.6





#15

Benzyl Alcohol

Concen: 41.958 ng

RT: 8.045 min Scan# 860

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

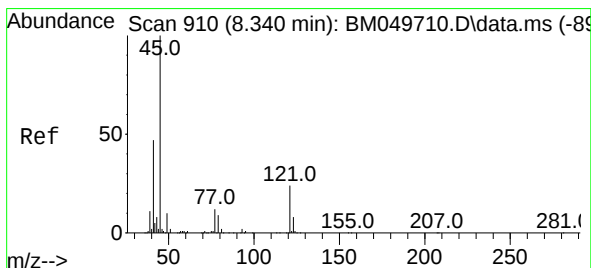
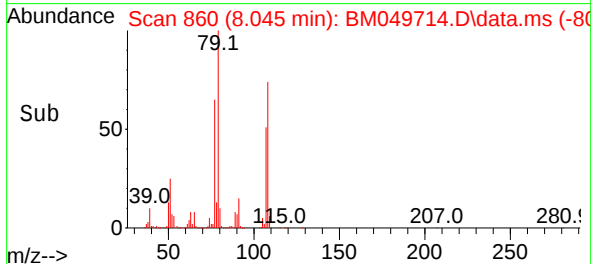
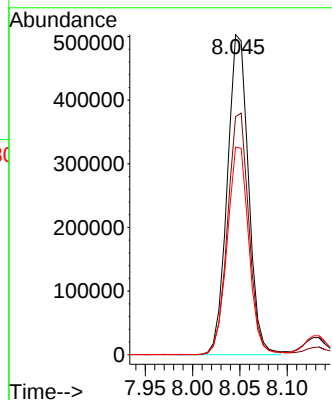
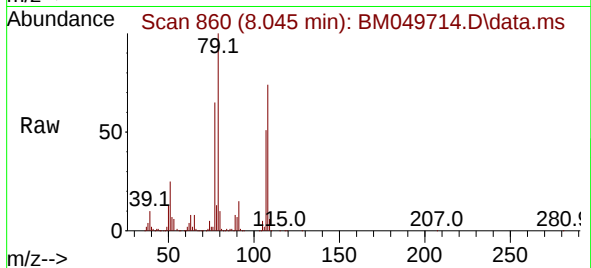
Tgt Ion: 79 Resp: 782965

Ion Ratio Lower Upper

79 100

108 74.4 60.7 91.1

77 64.9 55.4 83.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.736 ng

RT: 8.345 min Scan# 911

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

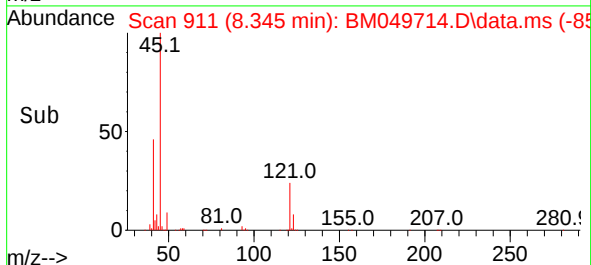
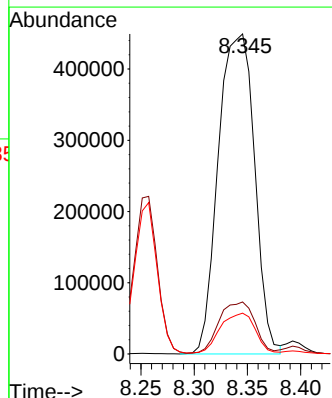
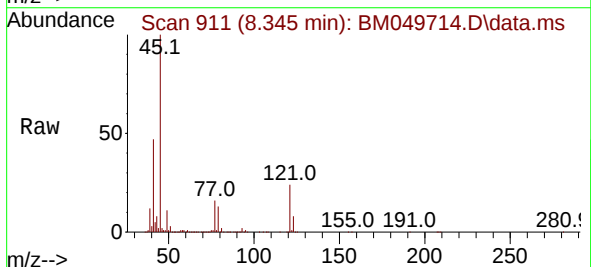
Tgt Ion: 45 Resp: 1062992

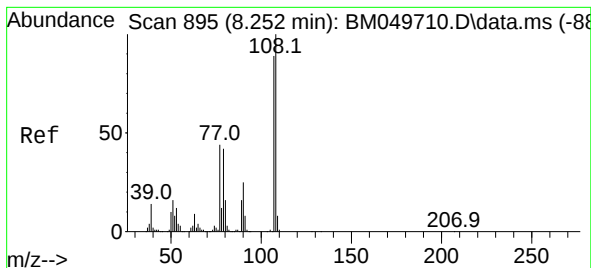
Ion Ratio Lower Upper

45 100

77 16.3 0.0 36.1

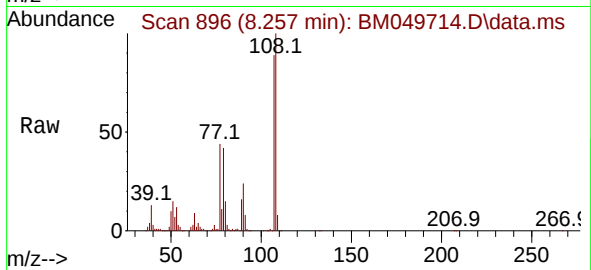
79 12.8 0.0 32.8



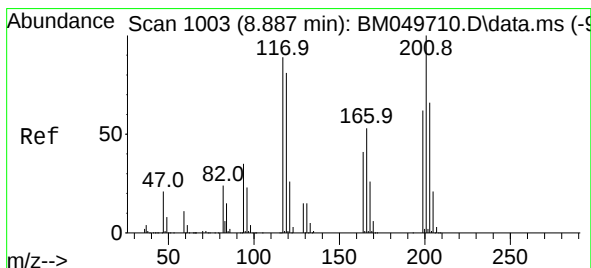
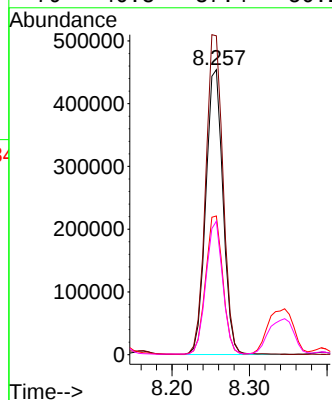
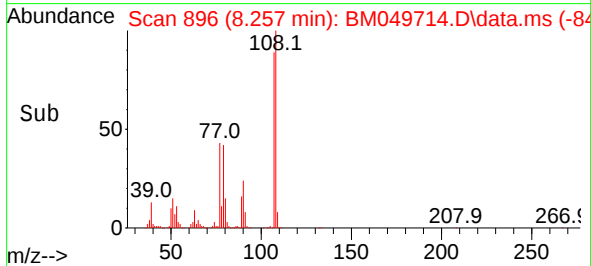


#17
2-Methylphenol
Concen: 40.737 ng
RT: 8.257 min Scan# 896
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

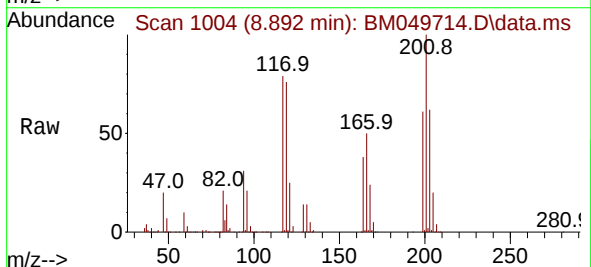
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



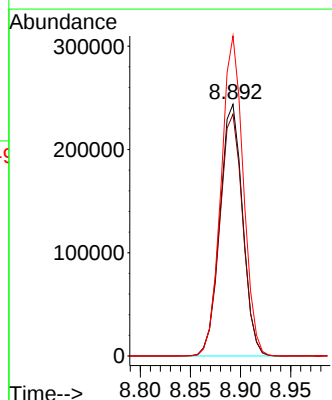
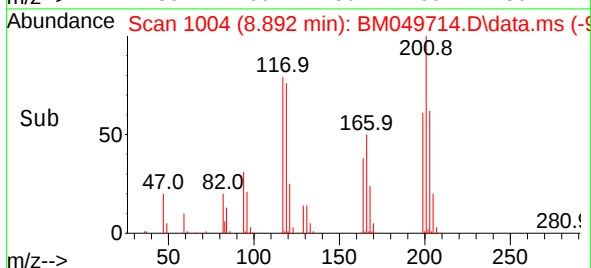
Tgt Ion:	107	Resp:	697345
Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.6	134.4
77	48.7	39.8	59.6
79	46.8	37.4	56.2

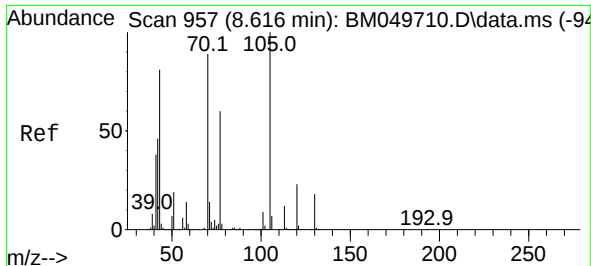


#18
Hexachloroethane
Concen: 37.848 ng
RT: 8.892 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41



Tgt Ion:	117	Resp:	384500
Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.1	109.7
201	127.1	90.0	135.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.653 ng

RT: 8.616 min Scan# 957

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

Tgt Ion: 70 Resp: 718211

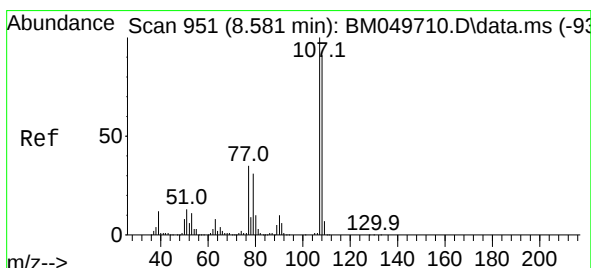
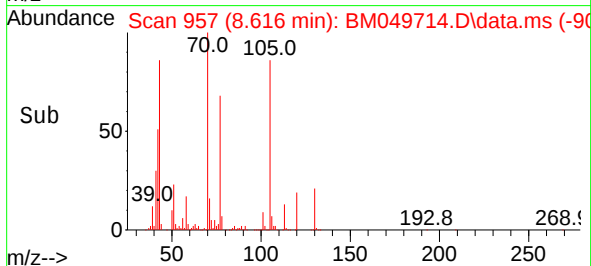
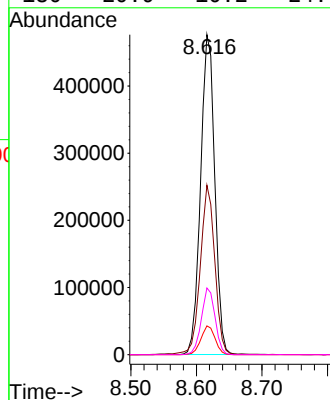
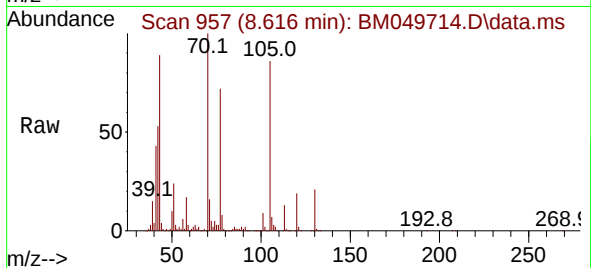
Ion Ratio Lower Upper

70 100

42 52.9 41.8 62.6

101 9.0 7.7 11.5

130 20.9 16.2 24.4



#20

3+4-Methylphenols

Concen: 40.994 ng

RT: 8.581 min Scan# 951

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Tgt Ion:107 Resp: 940414

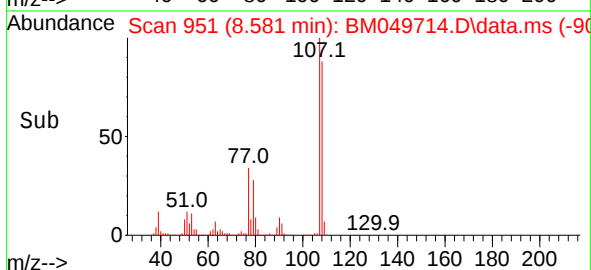
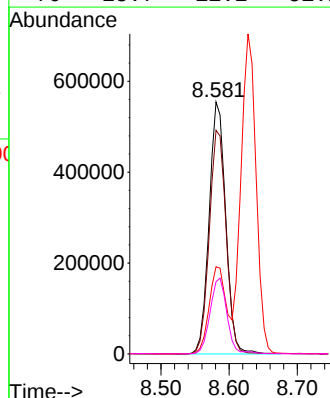
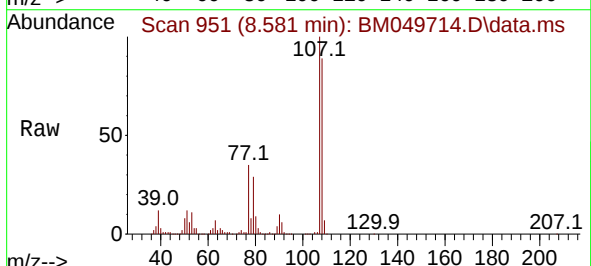
Ion Ratio Lower Upper

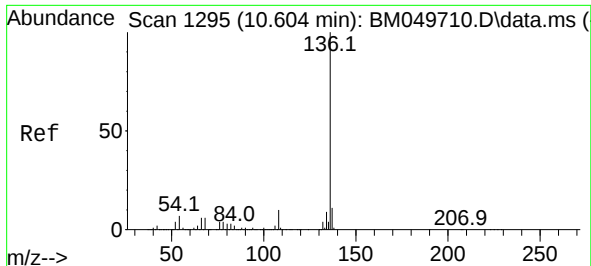
107 100

108 88.8 71.0 111.0

77 34.6 15.1 55.1

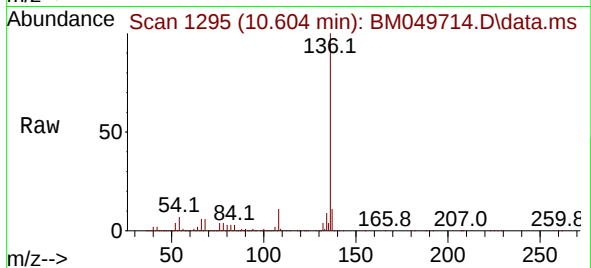
79 28.7 11.2 51.2



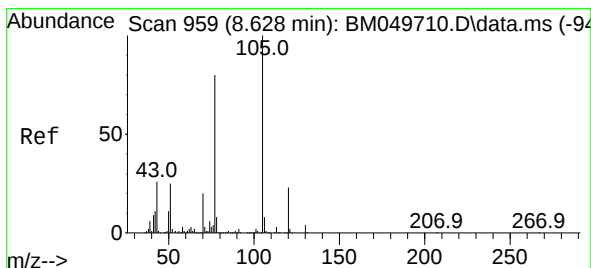
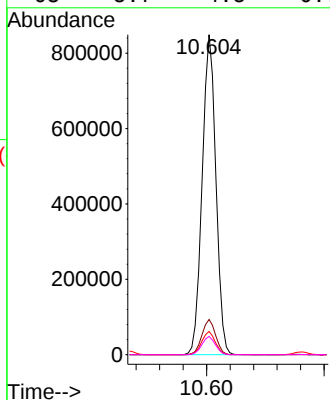
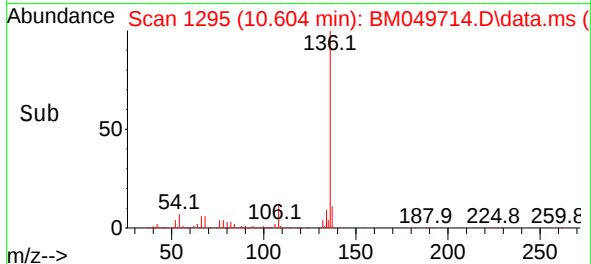


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

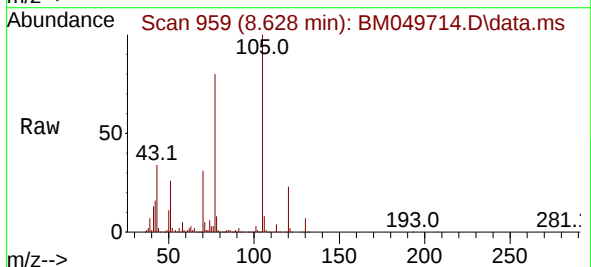
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



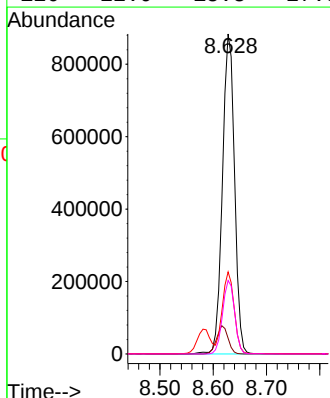
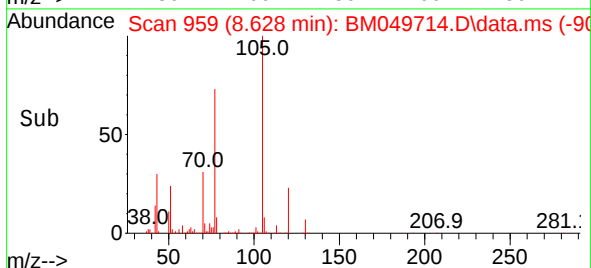
Tgt Ion:136 Resp: 1369450
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.2 5.8 8.8
68 5.7 4.5 6.7

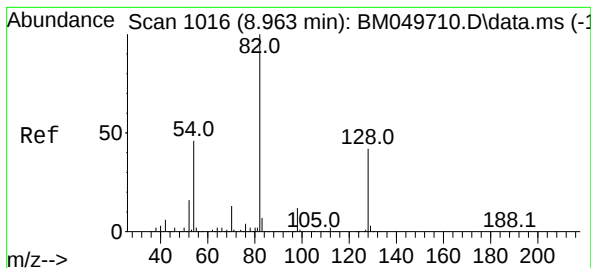


#22
Acetophenone
Concen: 39.465 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41



Tgt Ion:105 Resp: 1393533
Ion Ratio Lower Upper
105 100
71 4.9 2.5 3.7#
51 25.7 19.9 29.9
120 22.9 18.3 27.5





#23

Nitrobenzene-d5

Concen: 79.713 ng

RT: 8.963 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

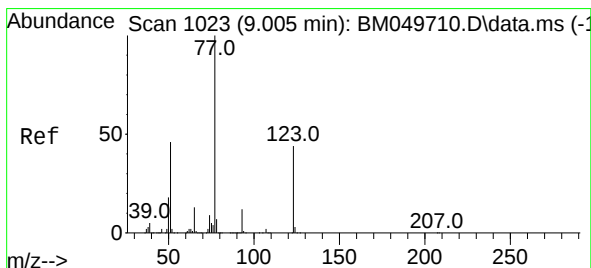
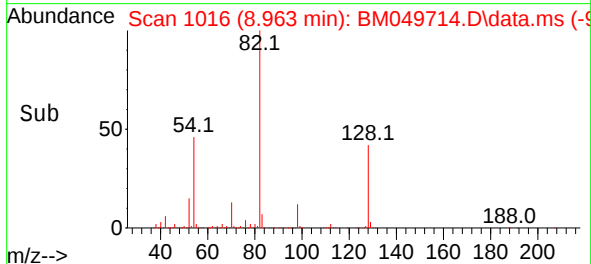
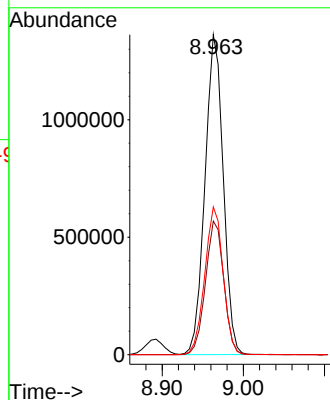
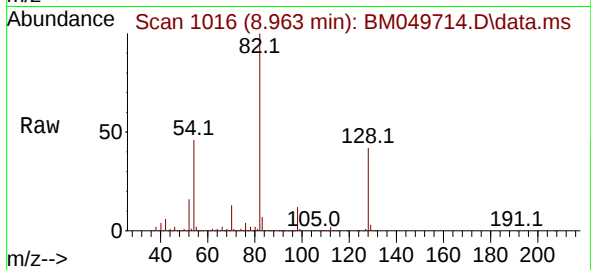
Tgt Ion: 82 Resp: 2126194

Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.0

54 46.2 36.4 54.6



#24

Nitrobenzene

Concen: 39.649 ng

RT: 9.004 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

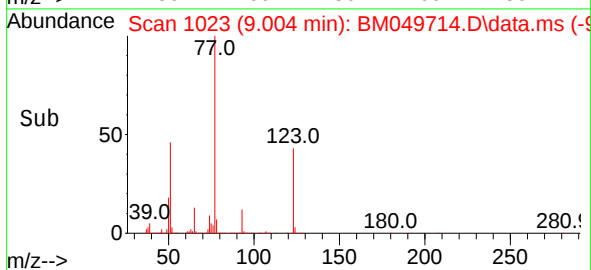
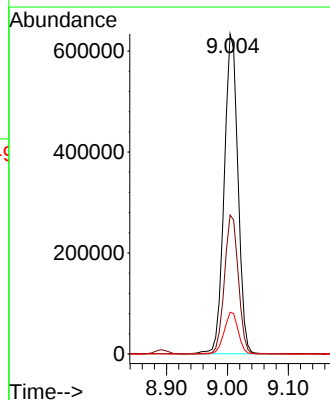
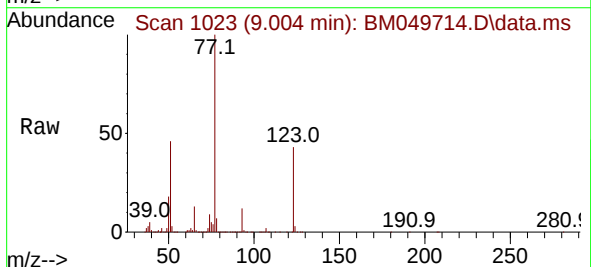
Tgt Ion: 77 Resp: 997217

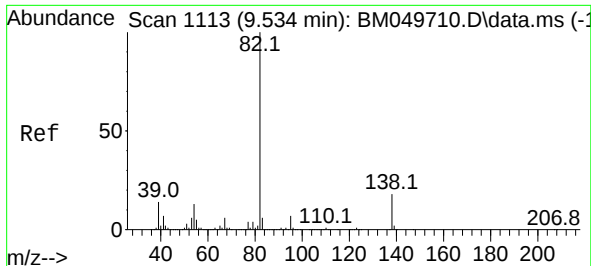
Ion Ratio Lower Upper

77 100

123 43.4 34.9 52.3

65 13.0 10.6 15.8

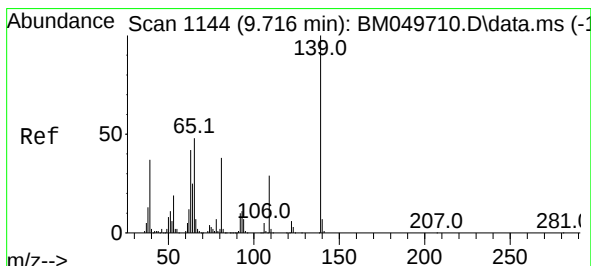
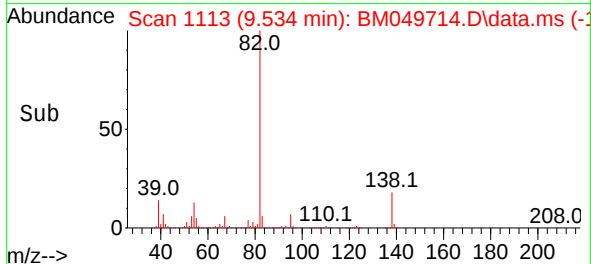
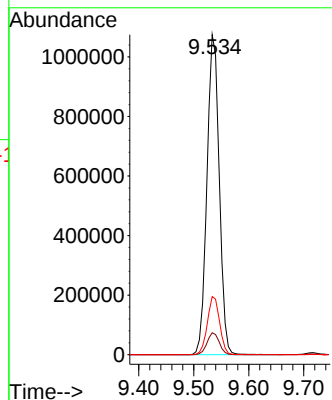
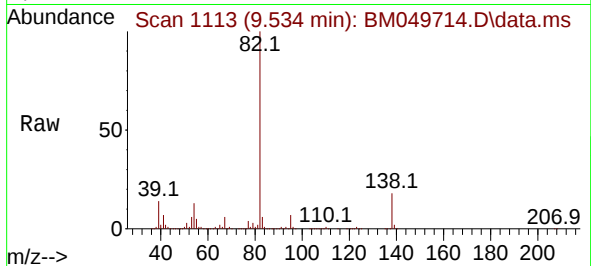




#25
Isophorone
Concen: 40.681 ng
RT: 9.534 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

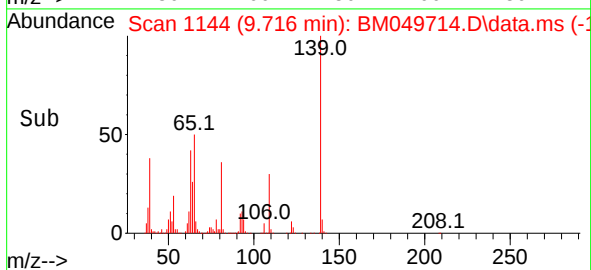
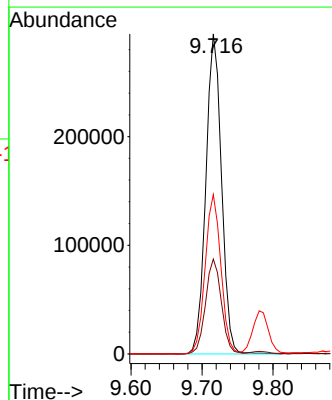
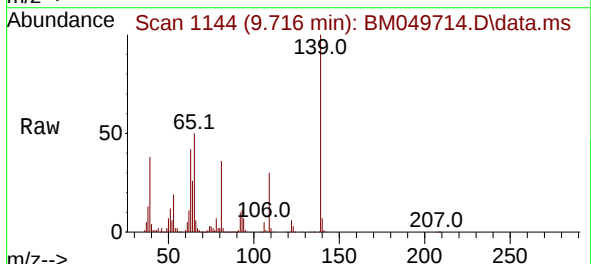
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

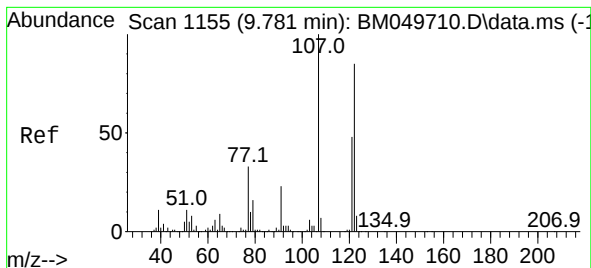
Tgt Ion: 82 Resp: 1666027
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.2 14.4 21.6



#26
2-Nitrophenol
Concen: 42.188 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:139 Resp: 451612
Ion Ratio Lower Upper
139 100
109 29.7 23.3 34.9
65 49.8 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 40.805 ng

RT: 9.781 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

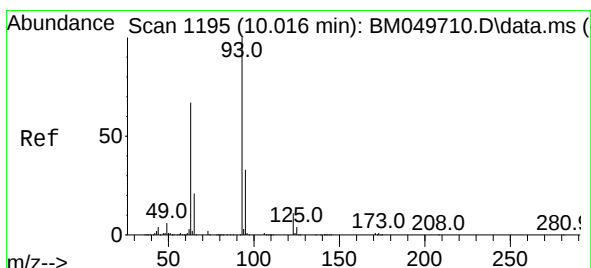
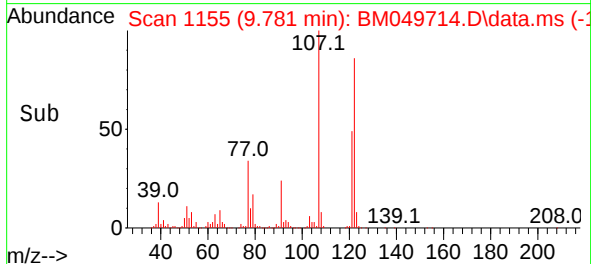
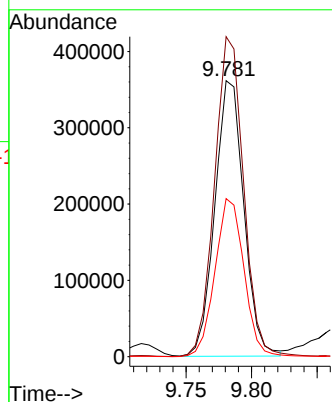
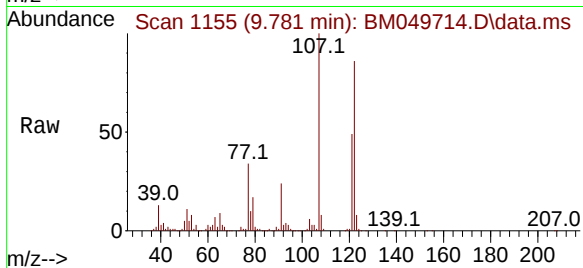
Tgt Ion:122 Resp: 556007

Ion Ratio Lower Upper

122 100

107 115.9 94.3 141.5

121 57.3 45.4 68.2



#28

bis(2-Chloroethoxy)methane

Concen: 39.135 ng

RT: 10.016 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

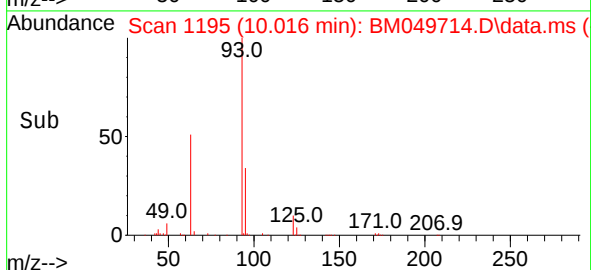
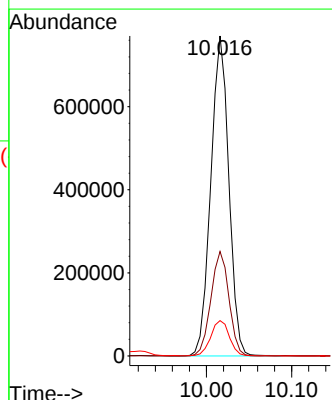
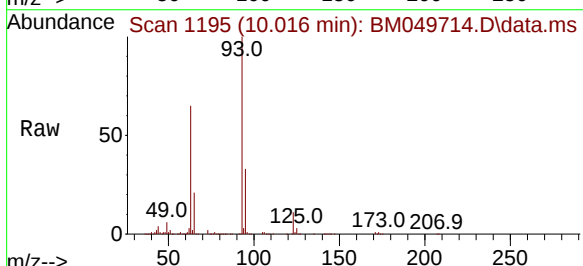
Tgt Ion: 93 Resp: 1128797

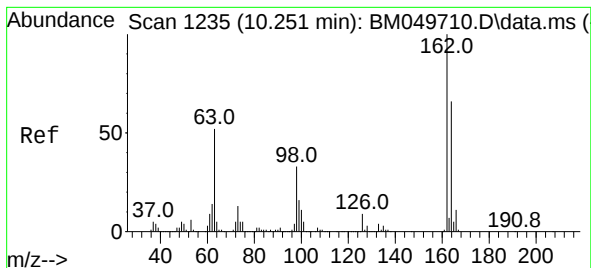
Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

123 11.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 40.313 ng

RT: 10.257 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

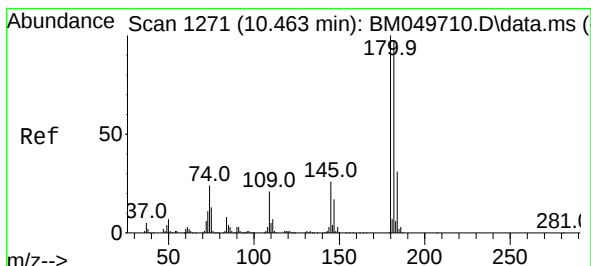
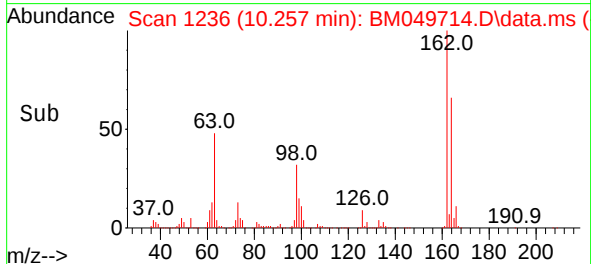
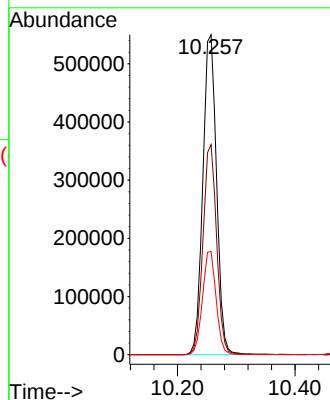
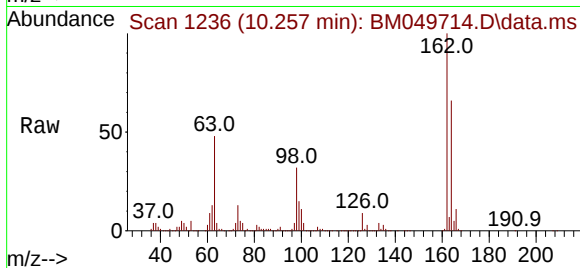
Tgt Ion:162 Resp: 895070

Ion Ratio Lower Upper

162 100

164 65.6 46.3 86.3

98 32.2 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 38.096 ng

RT: 10.469 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

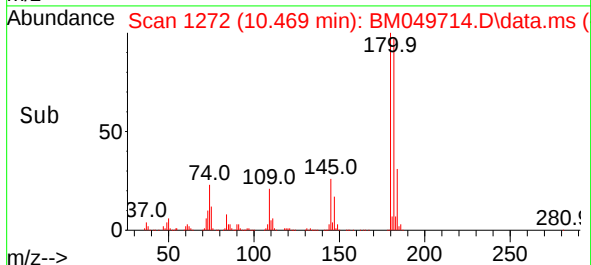
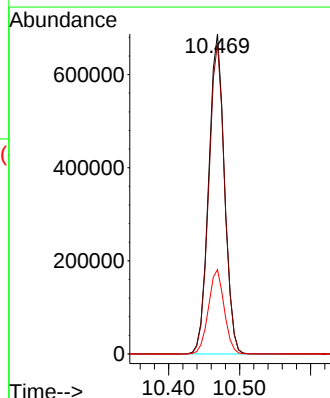
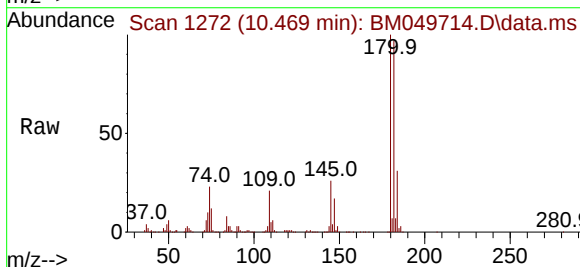
Tgt Ion:180 Resp: 1058273

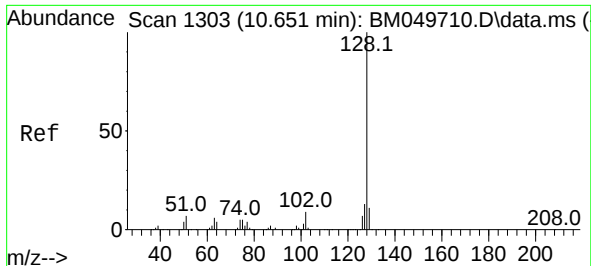
Ion Ratio Lower Upper

180 100

182 97.1 77.7 116.5

145 26.3 21.0 31.4

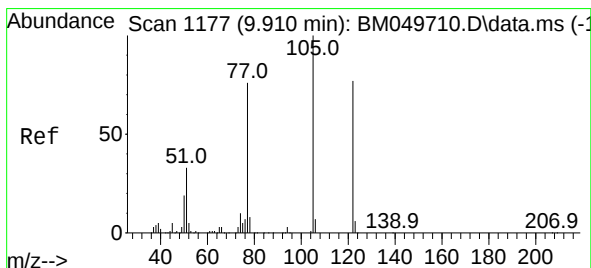
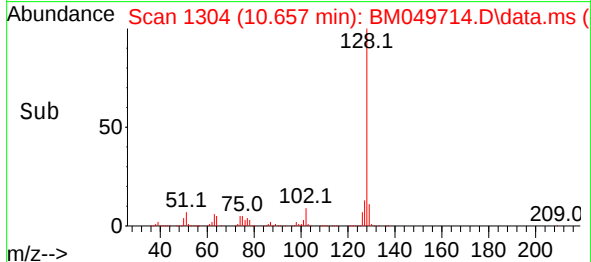
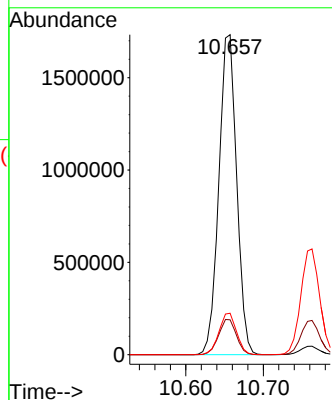
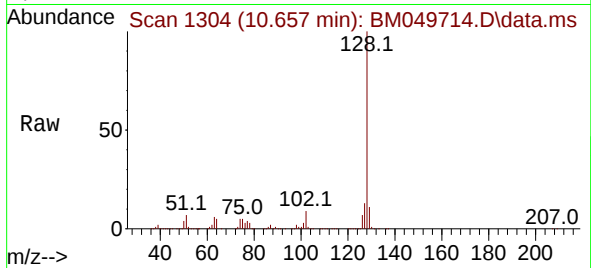




#31
Naphthalene
Concen: 39.284 ng
RT: 10.657 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

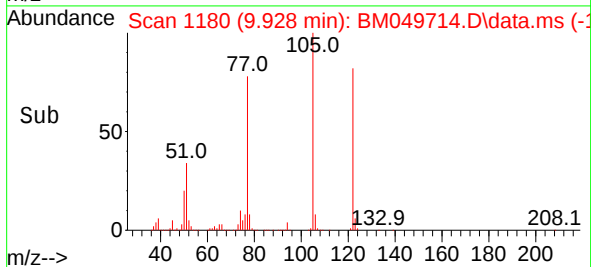
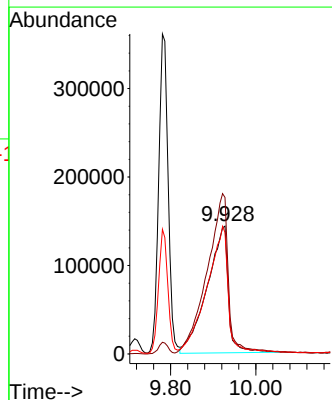
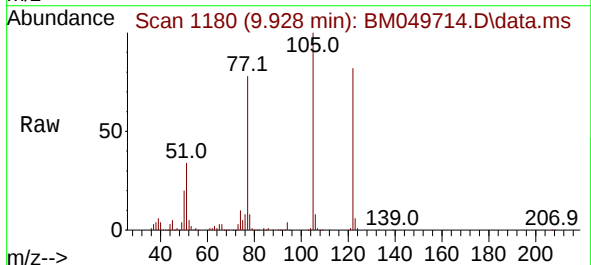
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

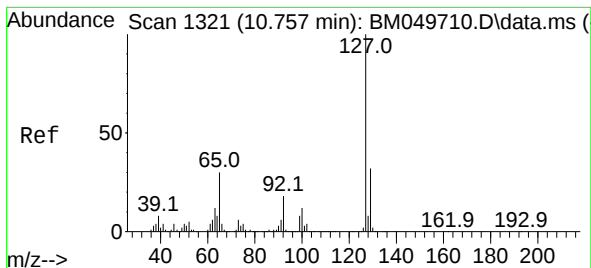
Tgt Ion:128 Resp: 2766321
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 42.940 ng
RT: 9.928 min Scan# 1180
Delta R.T. 0.018 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:122 Resp: 497601
Ion Ratio Lower Upper
122 100
105 122.5 105.6 145.6
77 95.0 76.9 116.9





#33

4-Chloroaniline

Concen: 40.318 ng

RT: 10.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

Tgt Ion:127 Resp: 968932

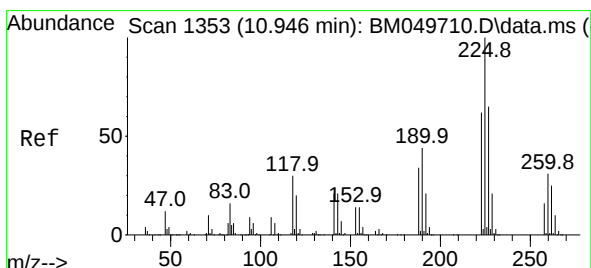
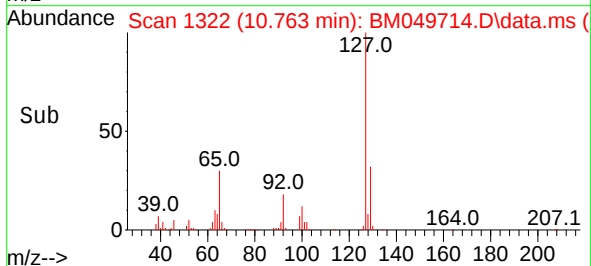
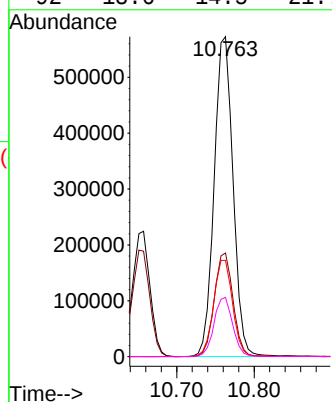
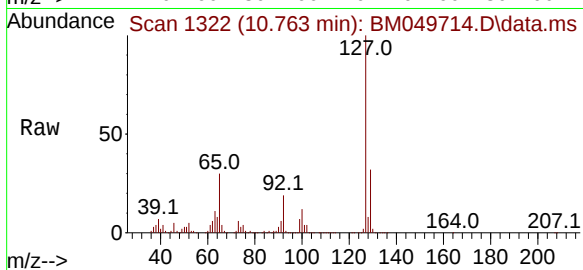
Ion Ratio Lower Upper

127 100

129 32.4 25.7 38.5

65 30.1 24.1 36.1

92 18.6 14.5 21.7



#34

Hexachlorobutadiene

Concen: 38.204 ng

RT: 10.945 min Scan# 1353

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

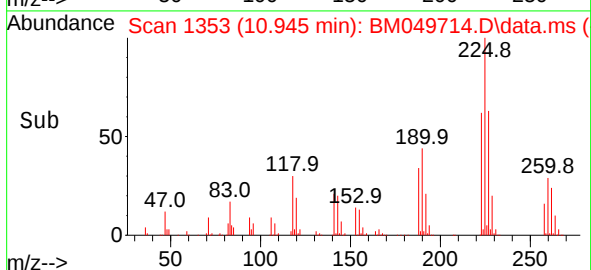
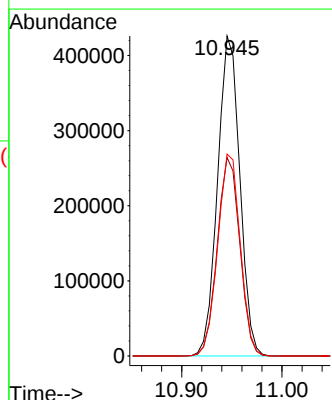
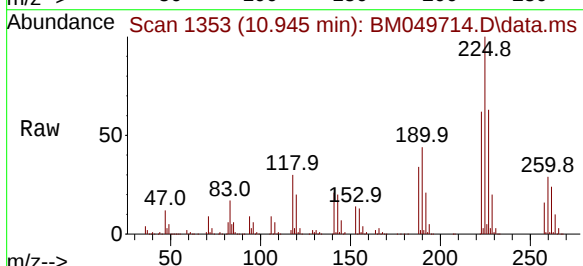
Tgt Ion:225 Resp: 655162

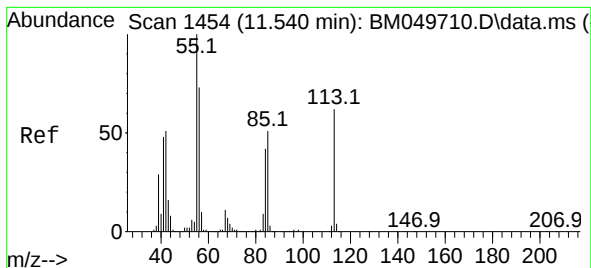
Ion Ratio Lower Upper

225 100

223 62.0 49.8 74.8

227 63.1 52.1 78.1

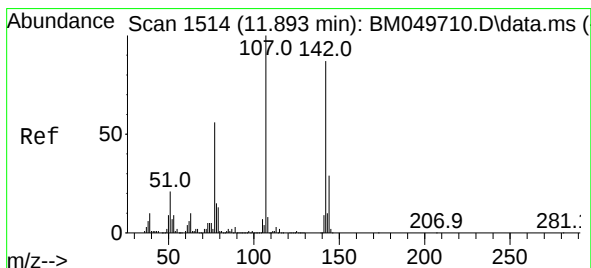
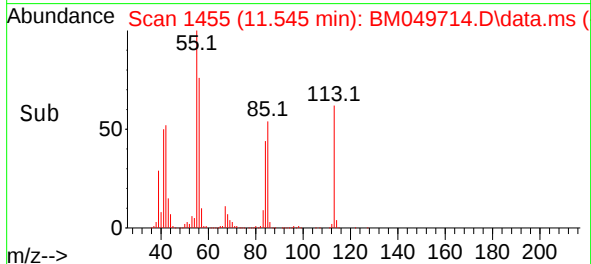
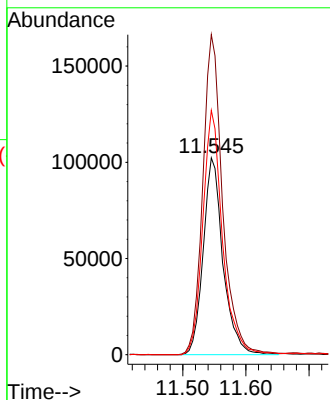
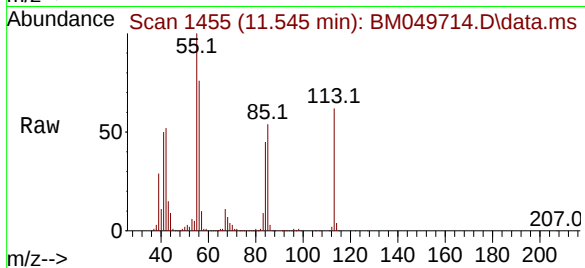




#35
Caprolactam
Concen: 43.119 ng
RT: 11.545 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

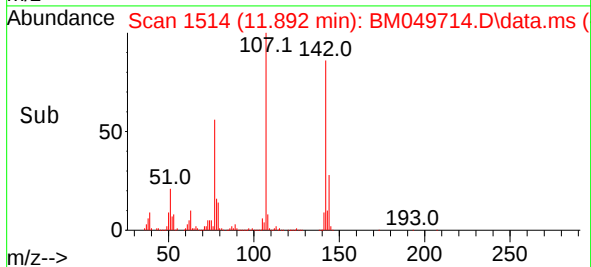
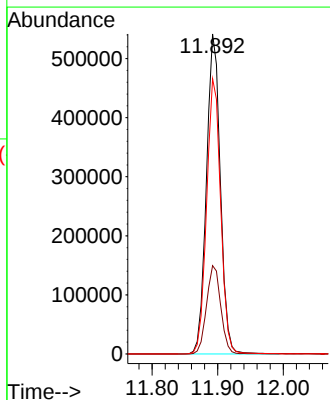
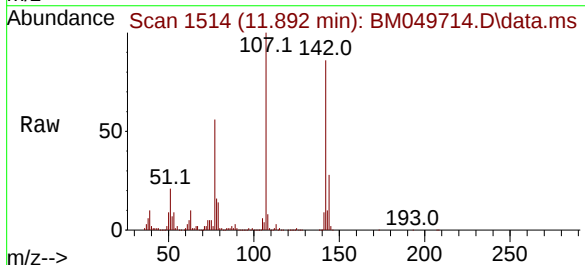
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

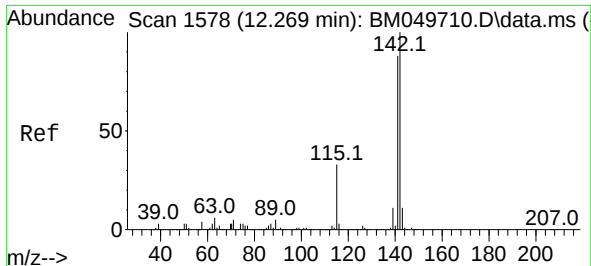
Tgt Ion:113 Resp: 222273
Ion Ratio Lower Upper
113 100
55 162.6 141.8 181.8
56 124.1 98.0 138.0



#36
4-Chloro-3-methylphenol
Concen: 42.022 ng
RT: 11.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:107 Resp: 800680
Ion Ratio Lower Upper
107 100
144 27.6 23.0 34.6
142 86.0 69.8 104.8

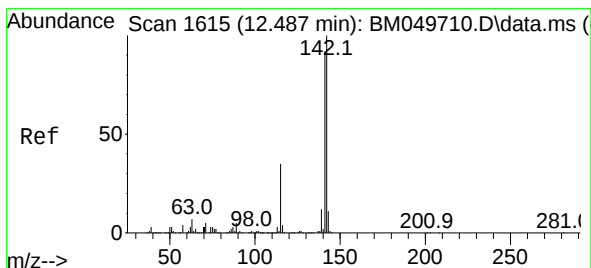
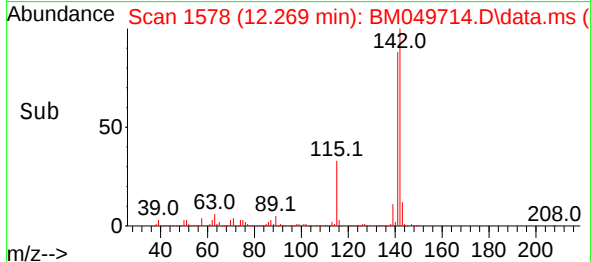
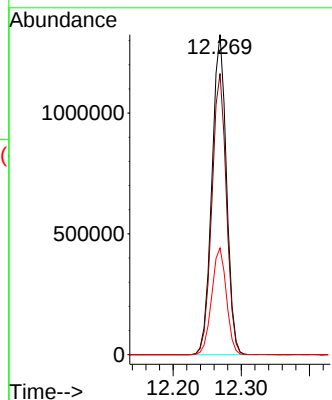
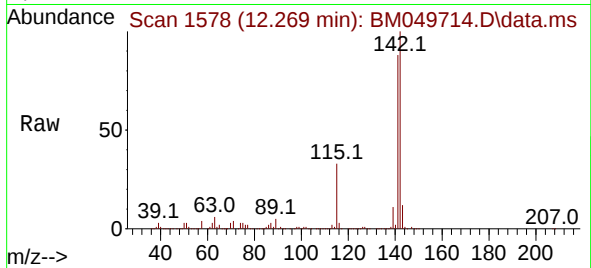




#37
2-Methylnaphthalene
Concen: 39.933 ng
RT: 12.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

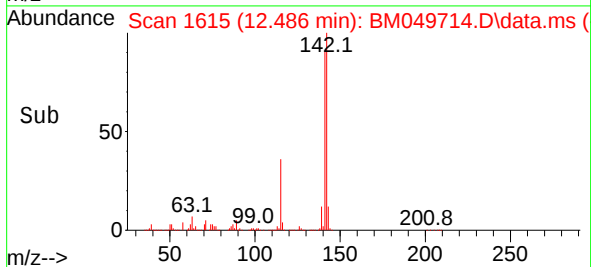
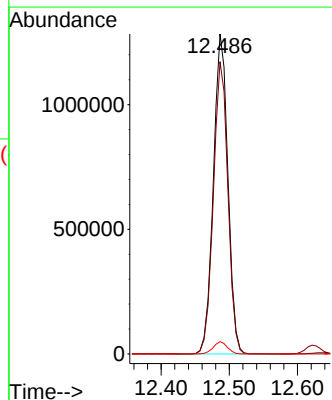
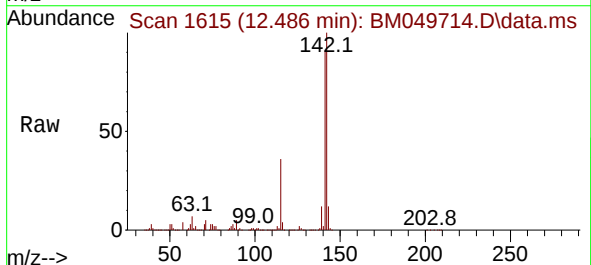
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

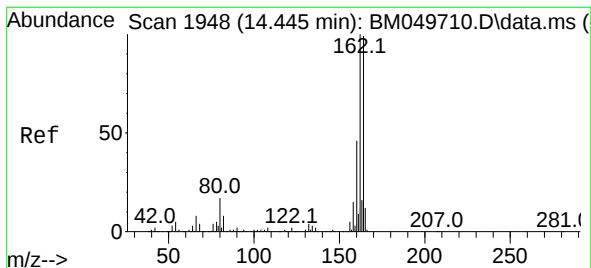
Tgt Ion:142 Resp: 1966254
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7
115 33.3 26.5 39.7



#38
1-Methylnaphthalene
Concen: 40.096 ng
RT: 12.486 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:142 Resp: 1904818
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2
116 3.8 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

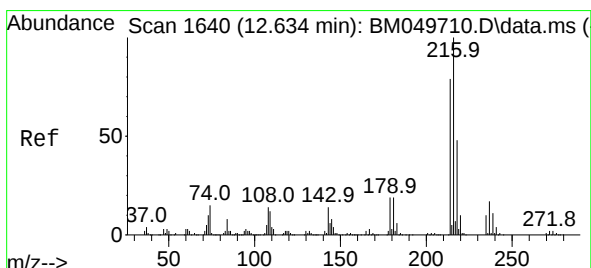
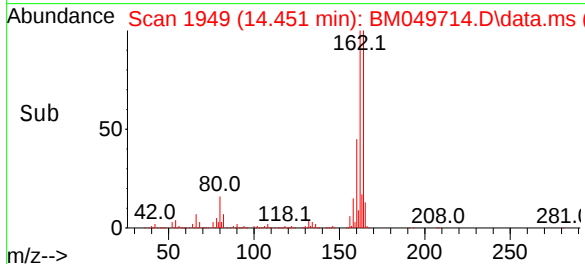
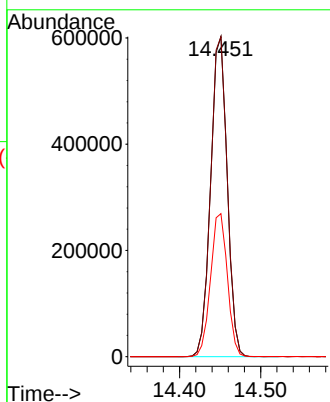
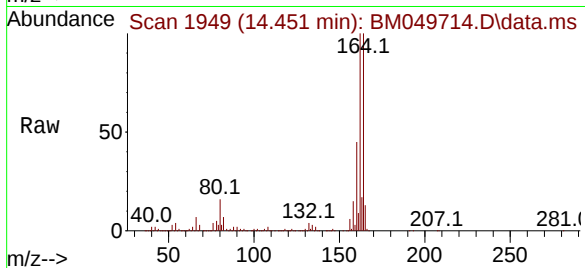
Tgt Ion:164 Resp: 852294

Ion Ratio Lower Upper

164 100

162 100.0 80.5 120.7

160 44.7 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.890 ng

RT: 12.639 min Scan# 1641

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Tgt Ion:216 Resp: 1217494

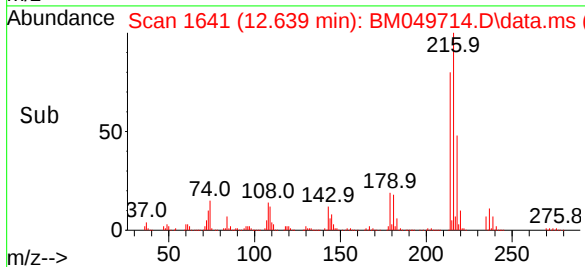
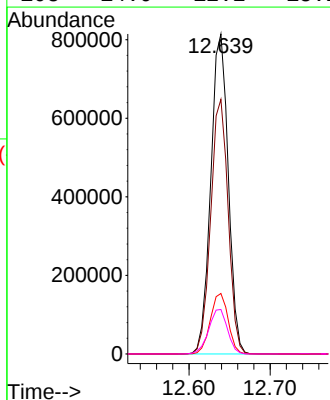
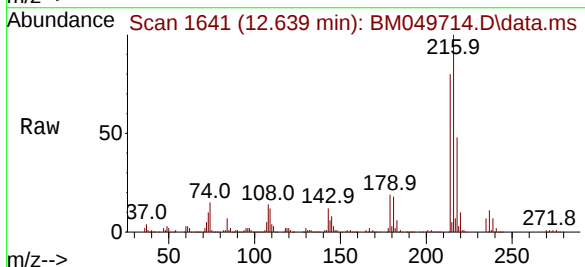
Ion Ratio Lower Upper

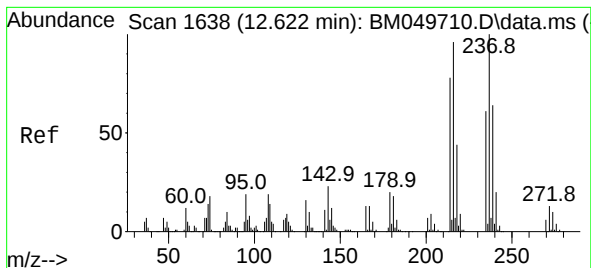
216 100

214 79.3 63.5 95.3

179 19.2 15.7 23.5

108 14.9 12.2 18.2

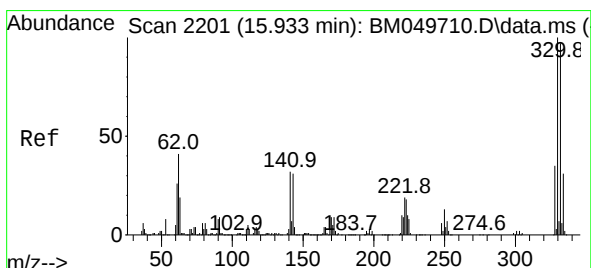
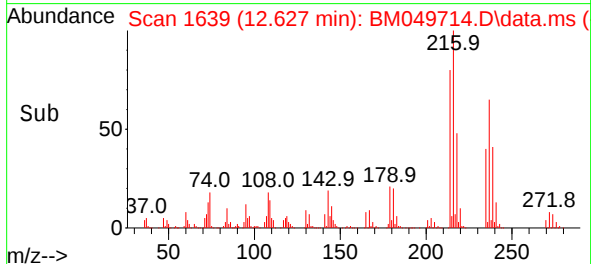
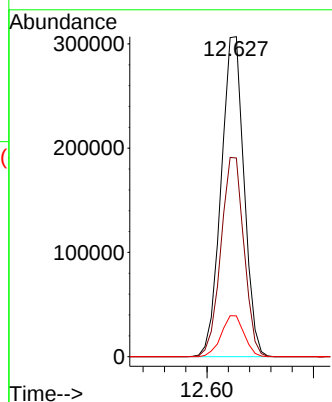
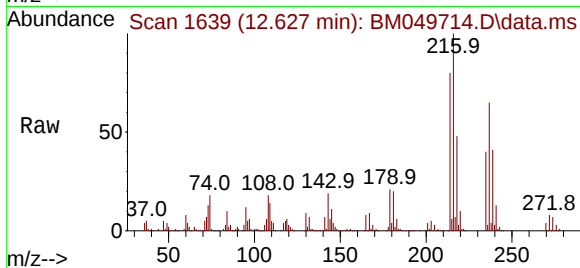




#41
Hexachlorocyclopentadiene
Concen: 39.461 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

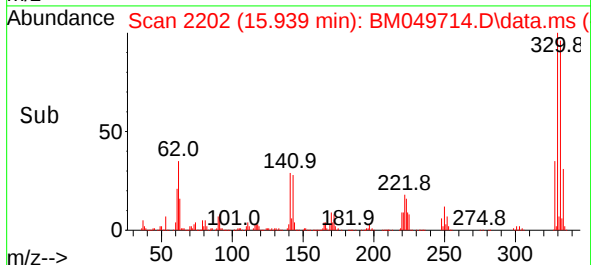
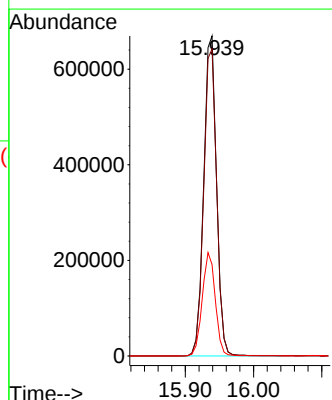
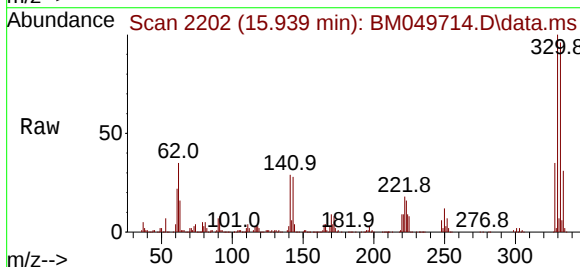
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

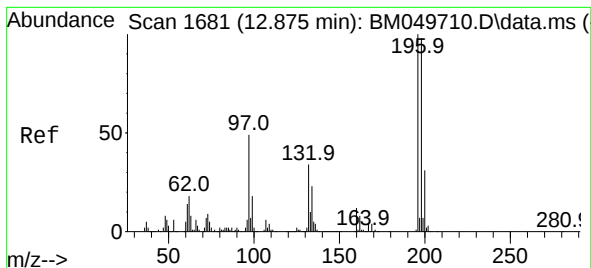
Tgt Ion:237 Resp: 457666
Ion Ratio Lower Upper
237 100
235 62.1 41.1 81.1
272 12.8 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 87.947 ng
RT: 15.939 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:330 Resp: 875272
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 33.0 27.8 41.6





#43

2,4,6-Trichlorophenol

Concen: 41.087 ng

RT: 12.880 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

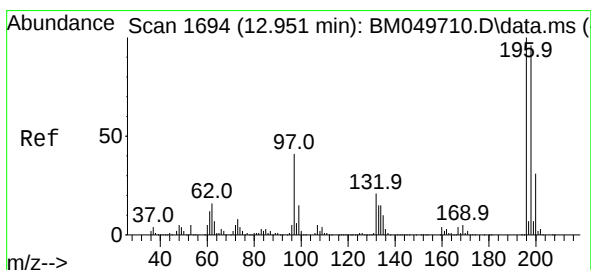
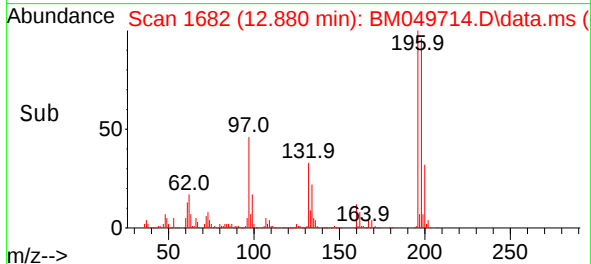
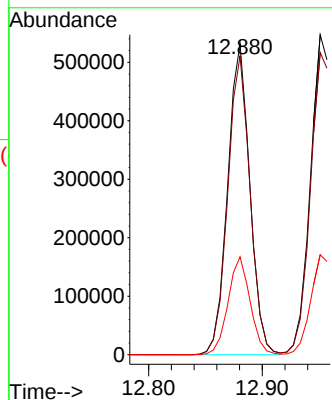
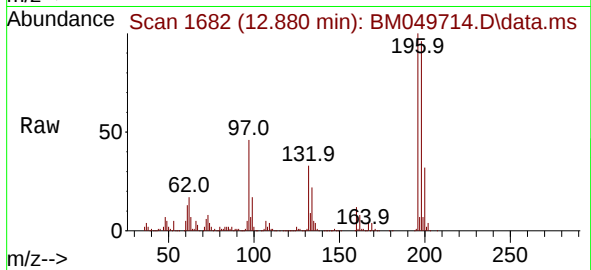
Tgt Ion:196 Resp: 720412

Ion Ratio Lower Upper

196 100

198 96.1 78.3 117.5

200 31.5 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 40.857 ng

RT: 12.951 min Scan# 1694

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Tgt Ion:196 Resp: 781740

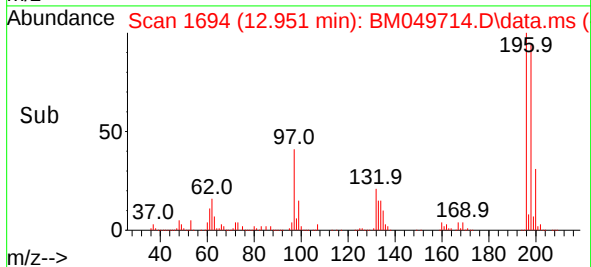
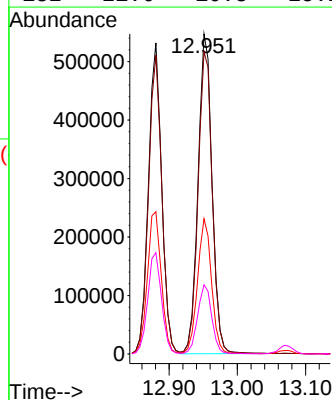
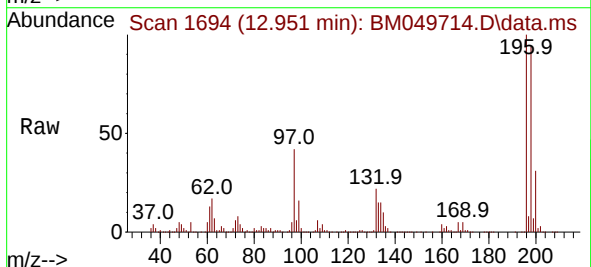
Ion Ratio Lower Upper

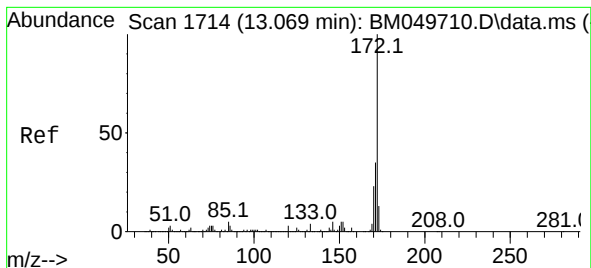
196 100

198 94.4 76.7 115.1

97 42.3 32.9 49.3

132 21.6 16.8 25.2





#45

2-Fluorobiphenyl

Concen: 78.993 ng

RT: 13.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

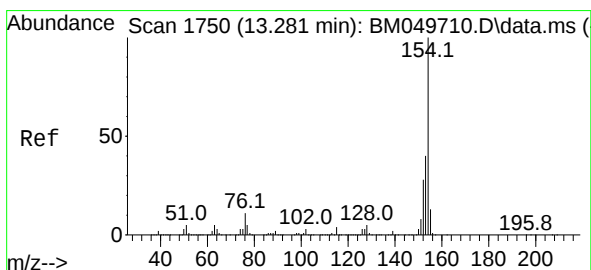
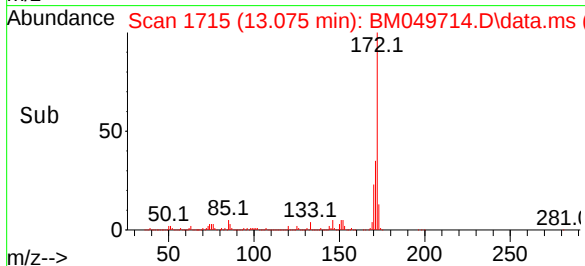
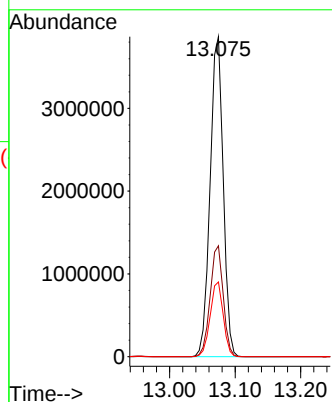
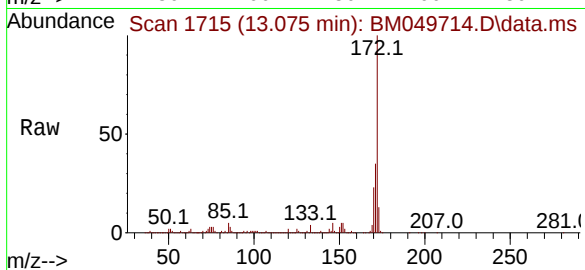
Tgt Ion:172 Resp: 5375823

Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.855 ng

RT: 13.280 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

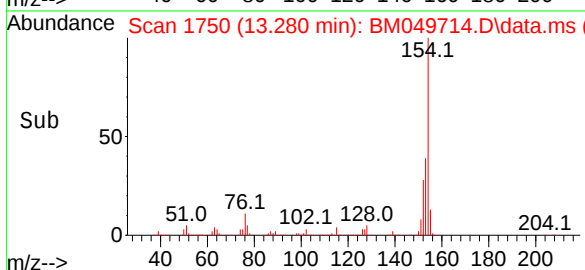
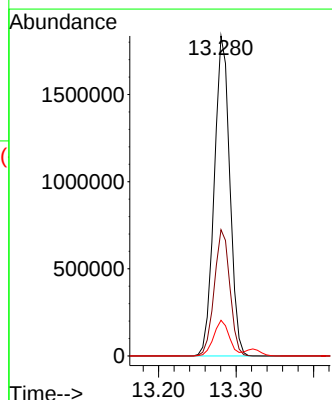
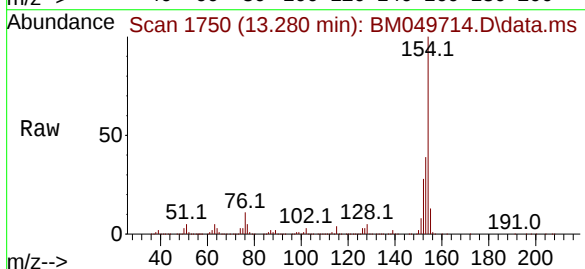
Tgt Ion:154 Resp: 2552259

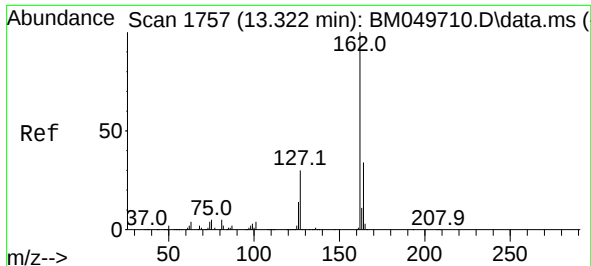
Ion Ratio Lower Upper

154 100

153 39.5 19.7 59.7

76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 38.600 ng

RT: 13.322 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

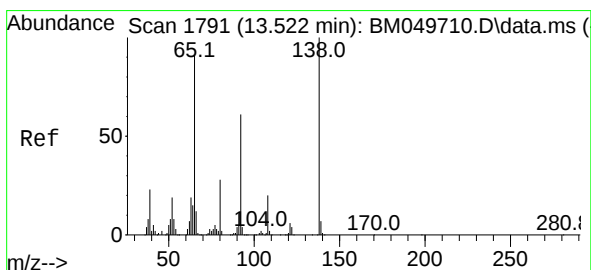
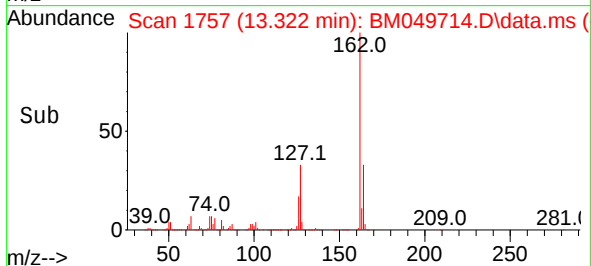
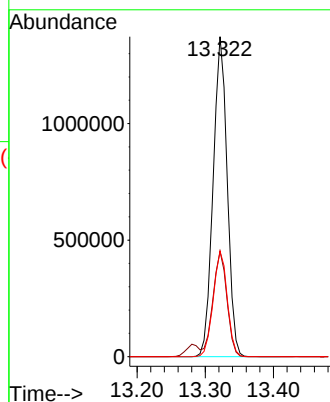
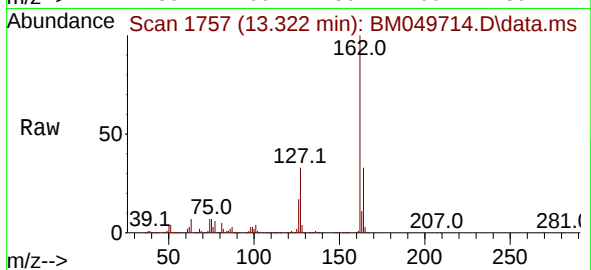
Tgt Ion:162 Resp: 1973551

Ion Ratio Lower Upper

162 100

127 32.9 25.8 38.6

164 33.0 27.1 40.7



#48

2-Nitroaniline

Concen: 42.046 ng

RT: 13.522 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

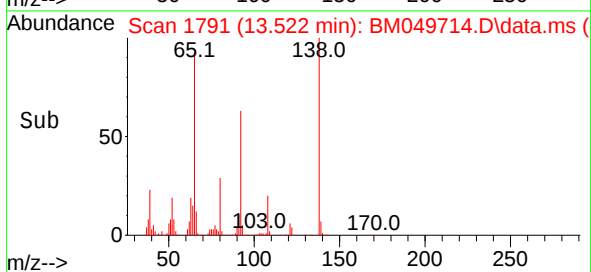
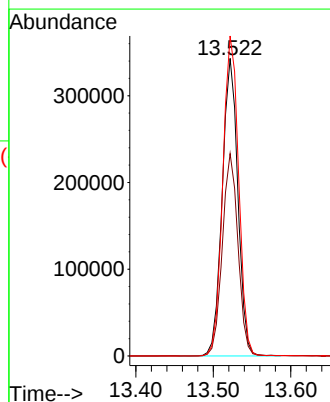
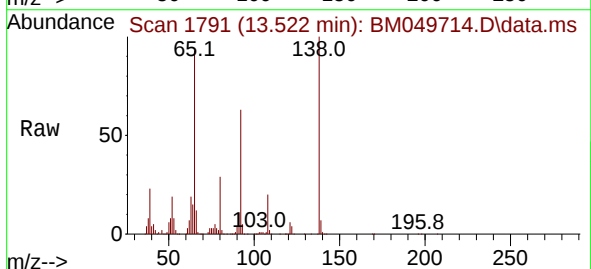
Tgt Ion: 65 Resp: 482592

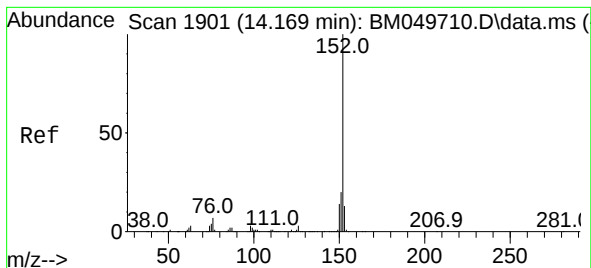
Ion Ratio Lower Upper

65 100

92 68.0 53.4 80.2

138 107.5 87.6 131.4





#49

Acenaphthylene

Concen: 39.705 ng

RT: 14.169 min Scan# 1901

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

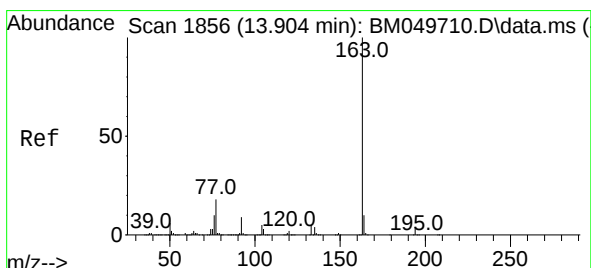
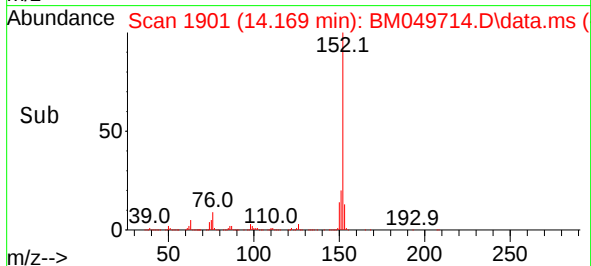
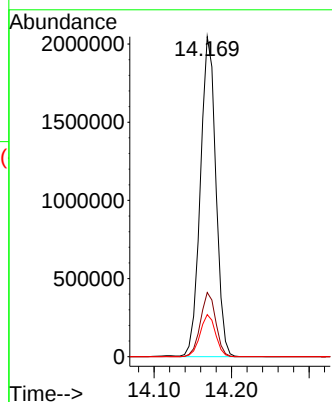
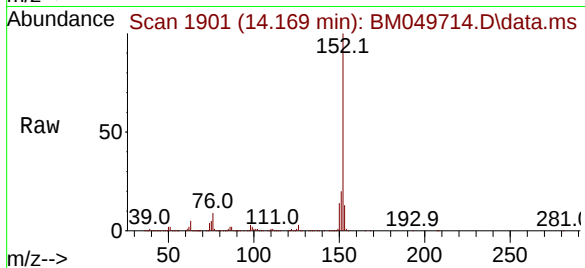
Tgt Ion:152 Resp: 2837576

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.2 10.2 15.4



#50

Dimethylphthalate

Concen: 39.312 ng

RT: 13.910 min Scan# 1857

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

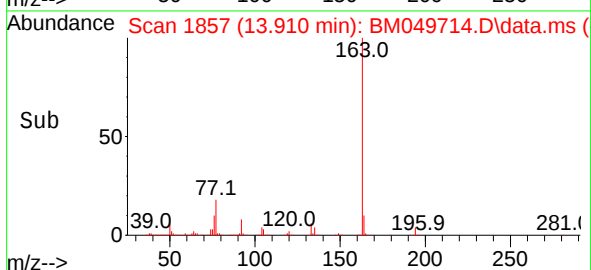
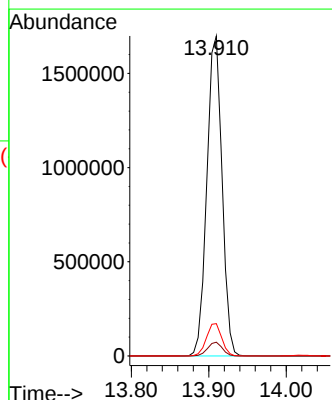
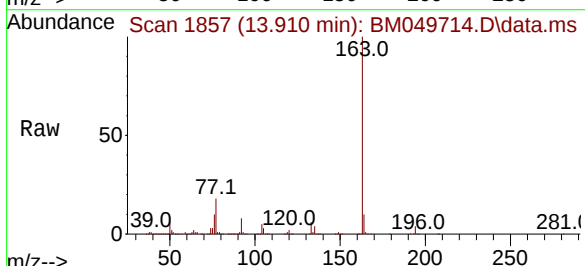
Tgt Ion:163 Resp: 2306806

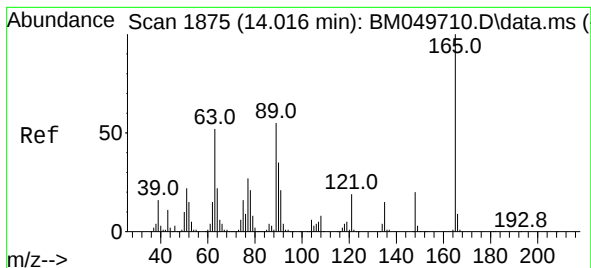
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.1 8.2 12.2

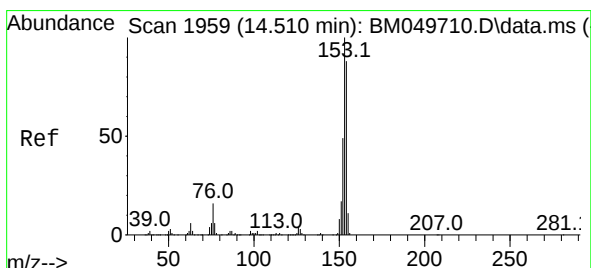
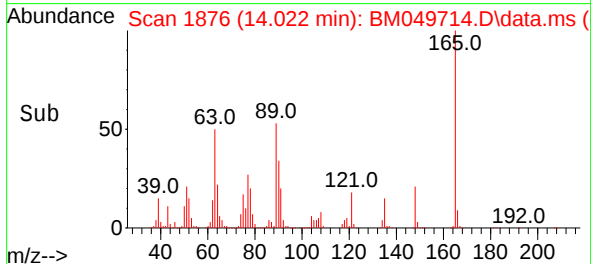
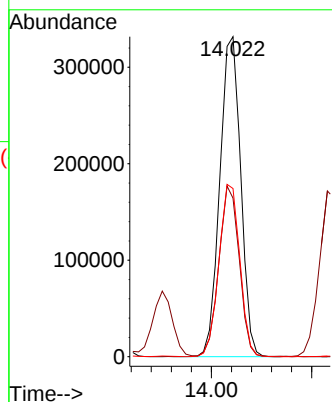
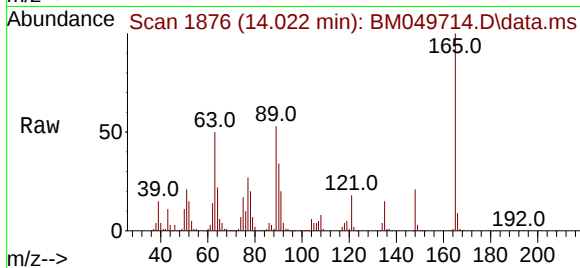




#51
2,6-Dinitrotoluene
Concen: 40.774 ng
RT: 14.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

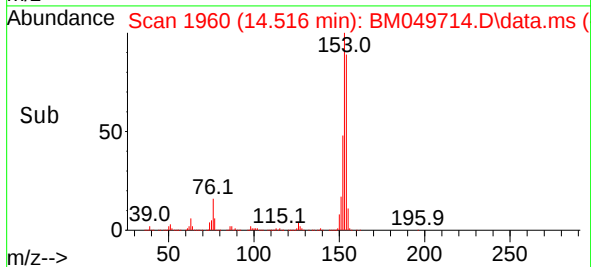
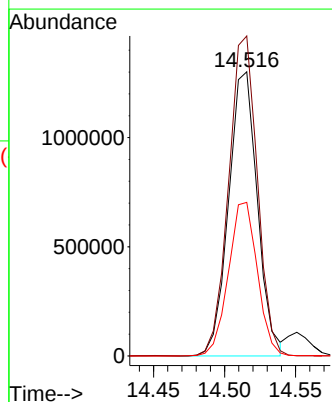
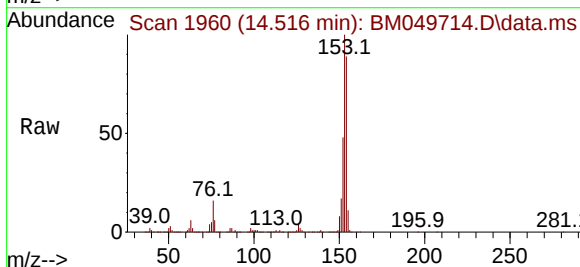
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

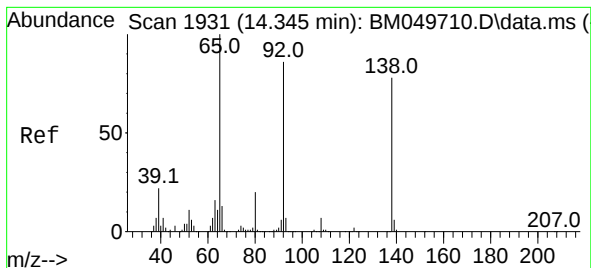
Tgt Ion:165 Resp: 479409
Ion Ratio Lower Upper
165 100
63 49.6 42.3 63.5
89 52.6 43.9 65.9



#52
Acenaphthene
Concen: 39.236 ng
RT: 14.516 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:154 Resp: 1839291
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 54.1 44.2 66.2

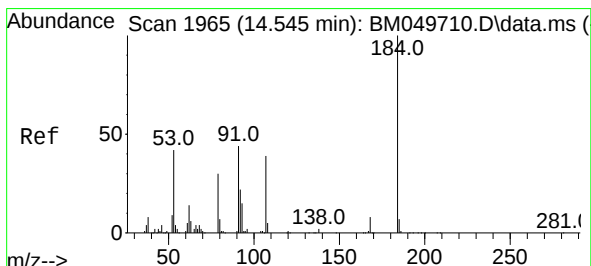
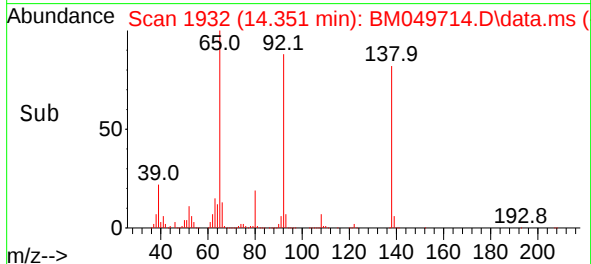
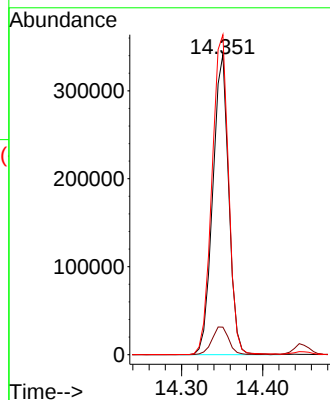
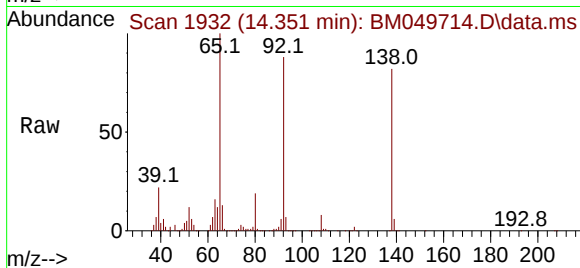




#53
3-Nitroaniline
Concen: 41.671 ng
RT: 14.351 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

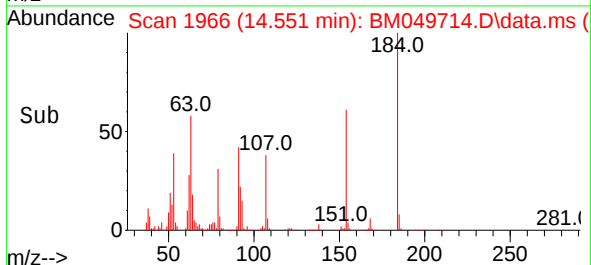
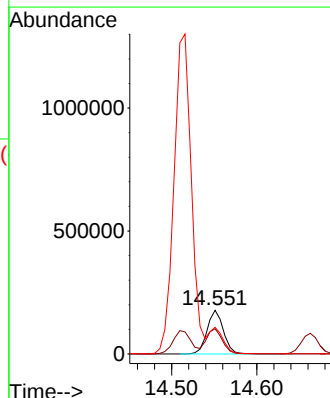
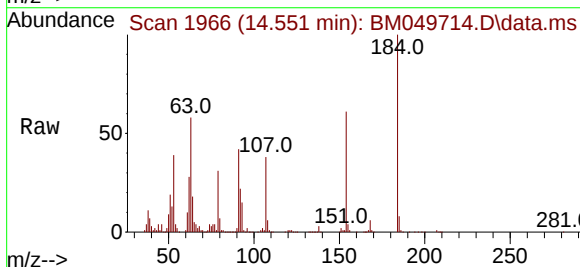
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

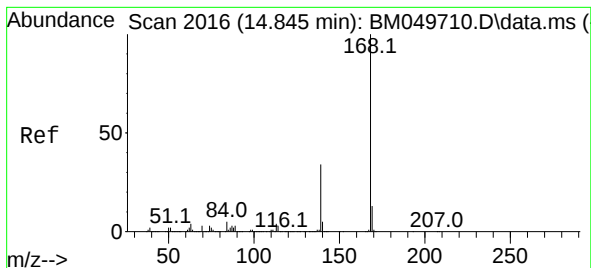
Tgt Ion:138 Resp: 466241
Ion Ratio Lower Upper
138 100
108 9.2 7.5 11.3
92 106.6 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 40.645 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:184 Resp: 235915
Ion Ratio Lower Upper
184 100
63 58.0 47.2 70.8
154 60.9 49.9 74.9





#55

Dibenzenofuran

Concen: 38.878 ng

RT: 14.845 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

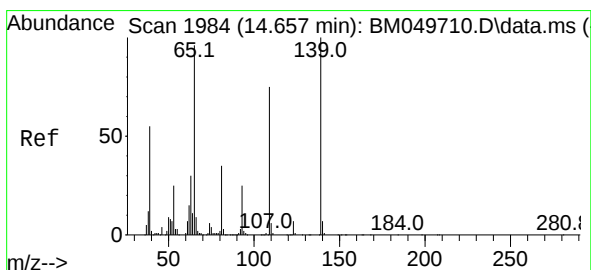
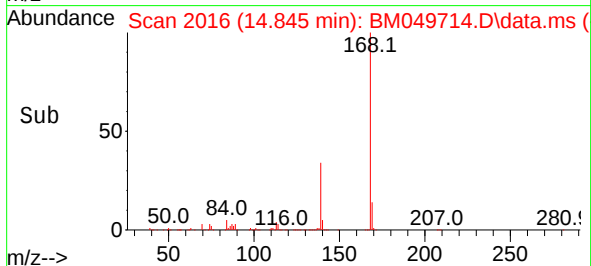
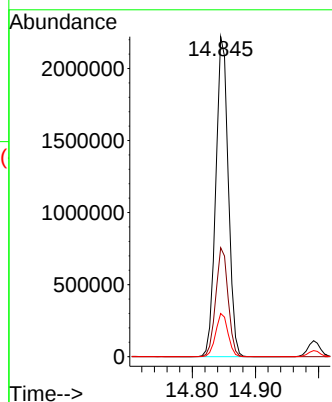
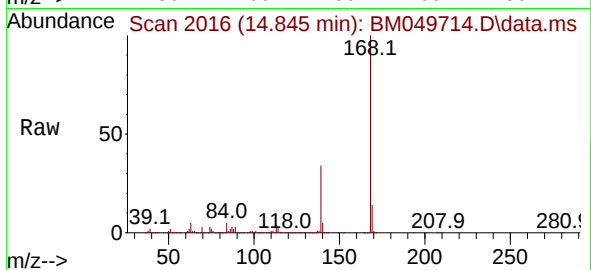
Tgt Ion:168 Resp: 3036901

Ion Ratio Lower Upper

168 100

139 34.1 27.4 41.0

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 39.814 ng

RT: 14.663 min Scan# 1985

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

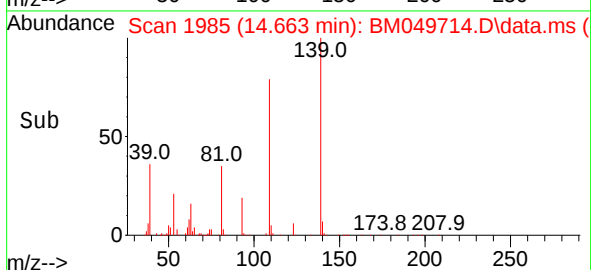
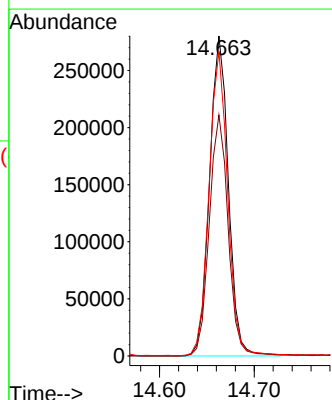
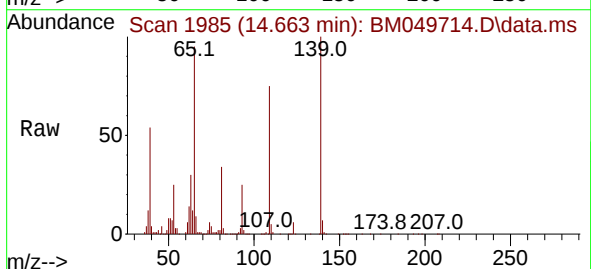
Tgt Ion:139 Resp: 387757

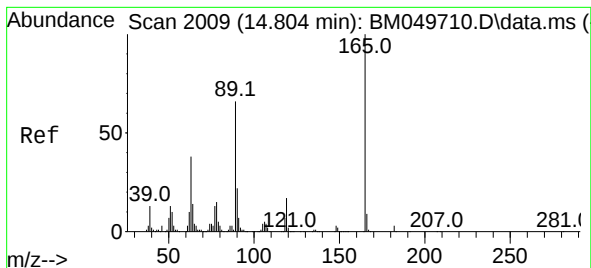
Ion Ratio Lower Upper

139 100

109 75.3 54.7 94.7

65 95.2 76.2 116.2

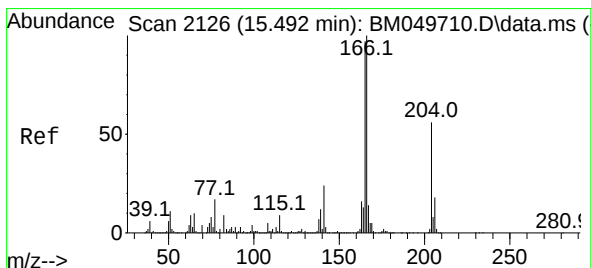
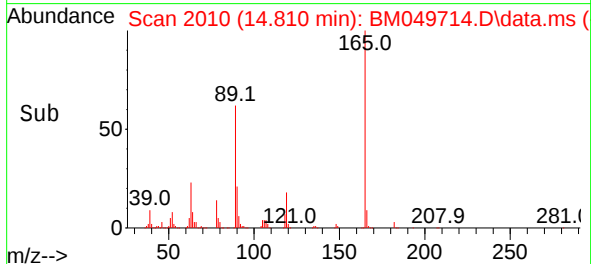
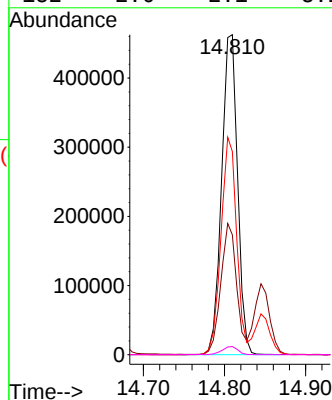
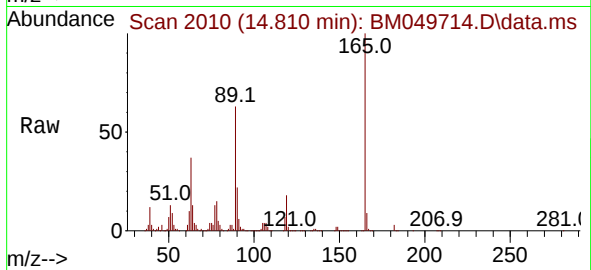




#57
2,4-Dinitrotoluene
Concen: 41.860 ng
RT: 14.810 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

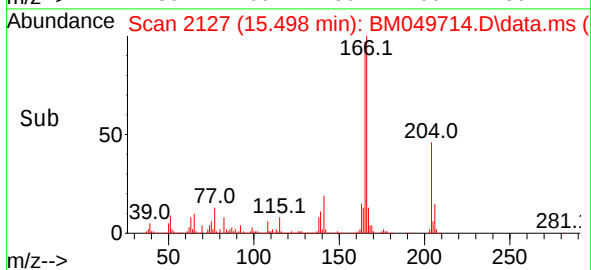
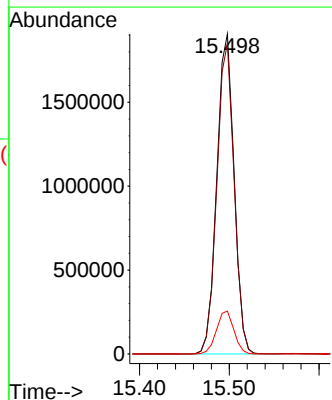
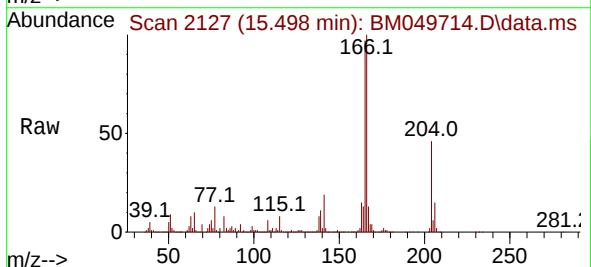
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

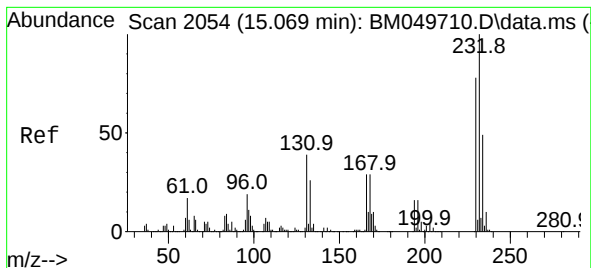
Tgt Ion:165 Resp: 633322
Ion Ratio Lower Upper
165 100
63 37.5 30.8 46.2
89 63.5 53.1 79.7
182 2.6 2.1 3.1



#58
Fluorene
Concen: 40.133 ng
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:166 Resp: 2552375
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 13.4 10.9 16.3



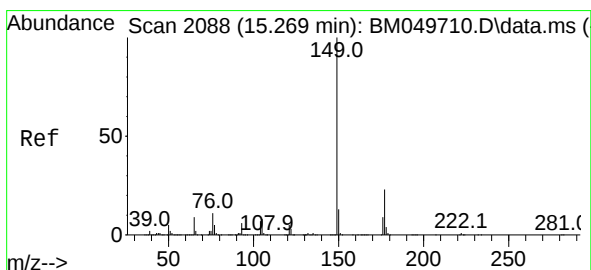
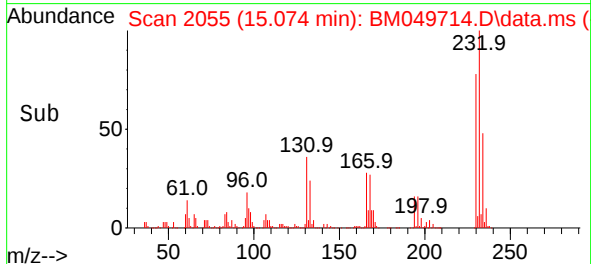
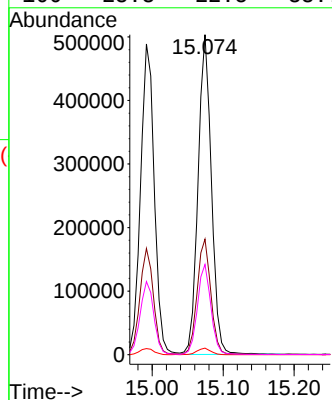
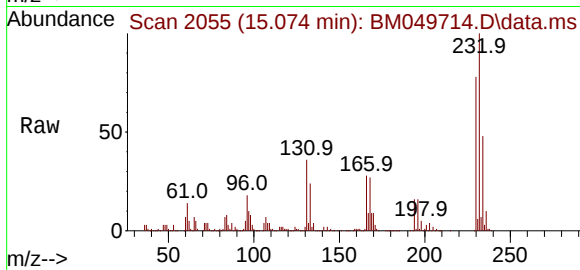


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.187 ng
RT: 15.074 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Instrument :
BNA_M
ClientSampleId :
ICVBM031325

Tgt Ion:232 Resp: 659657
Ion Ratio Lower Upper

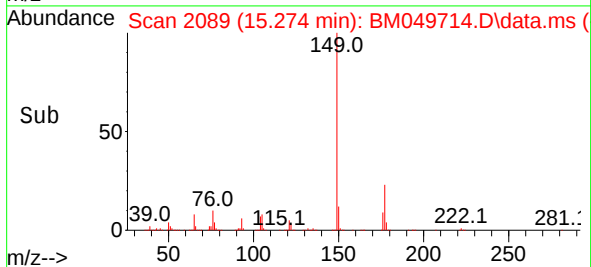
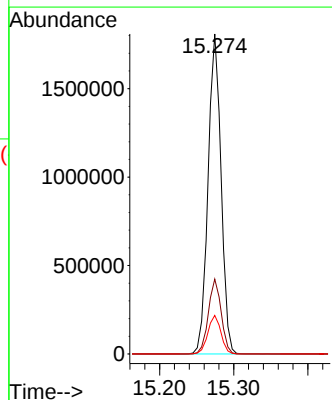
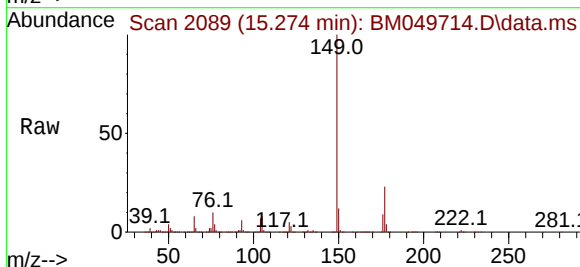
Ion	Ratio	Lower	Upper
232	100		
131	37.1	30.0	45.0
130	2.1	1.6	2.4
166	28.3	22.5	33.7

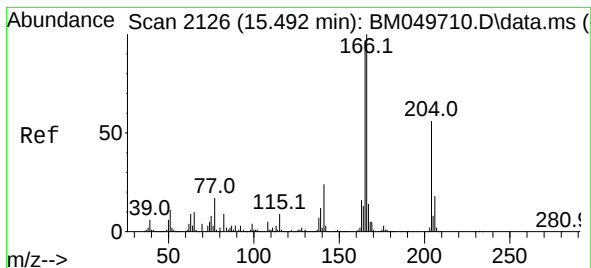


#60
Diethylphthalate
Concen: 39.848 ng
RT: 15.274 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:149 Resp: 2202259

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.2	27.2
150	12.0	10.0	15.0

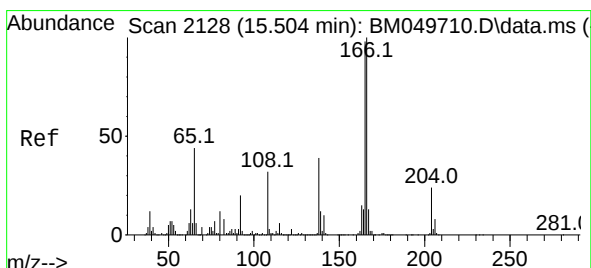
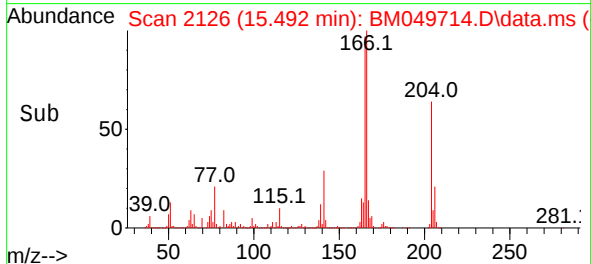
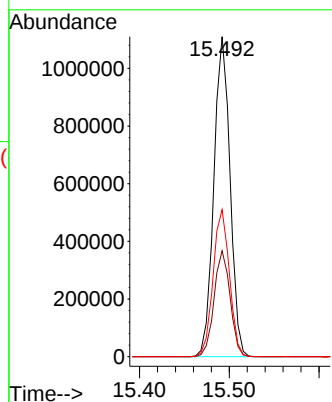
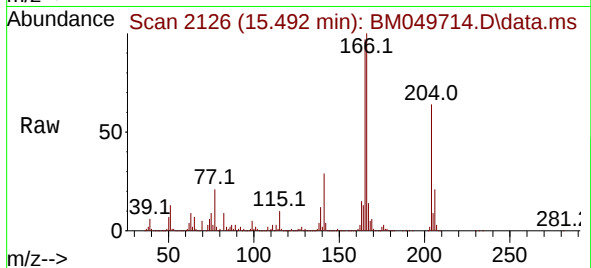




#61
4-Chlorophenyl-phenylether
Concen: 39.997 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

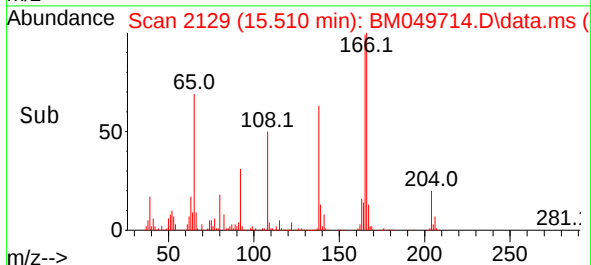
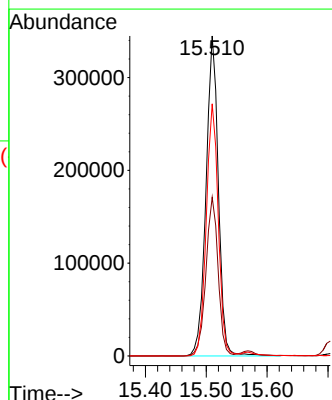
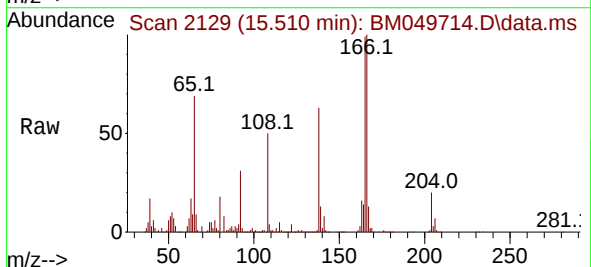
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

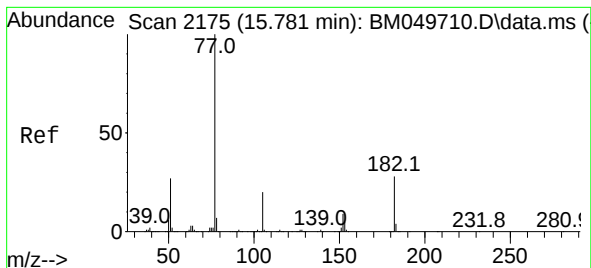
Tgt Ion:204 Resp: 1389032
Ion Ratio Lower Upper
204 100
206 33.1 25.2 37.8
141 45.9 34.5 51.7



#62
4-Nitroaniline
Concen: 37.552 ng
RT: 15.510 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:138 Resp: 488092
Ion Ratio Lower Upper
138 100
92 49.6 29.8 69.8
108 78.8 61.3 101.3





#63

Azobenzene

Concen: 39.634 ng

RT: 15.786 min Scan# 2175

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

Tgt Ion: 77 Resp: 2092221

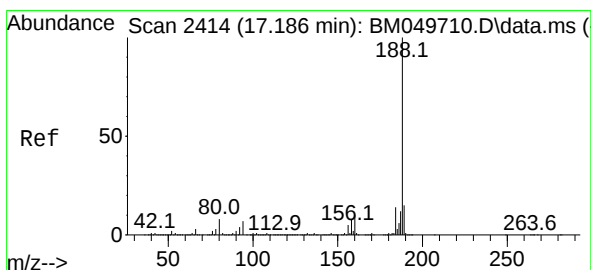
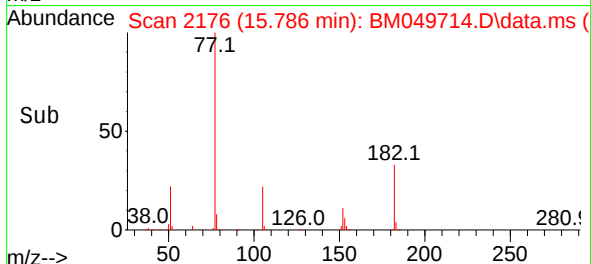
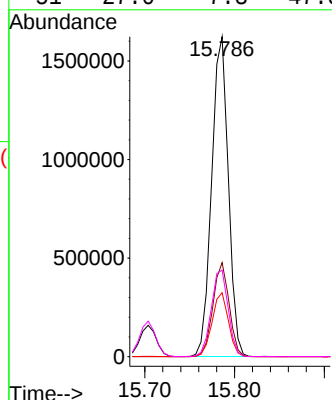
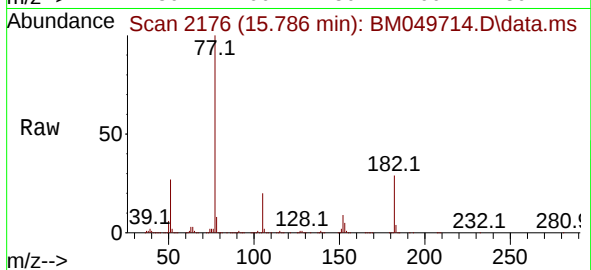
Ion Ratio Lower Upper

77 100

182 29.4 8.0 48.0

105 20.0 0.0 40.0

51 27.0 7.3 47.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

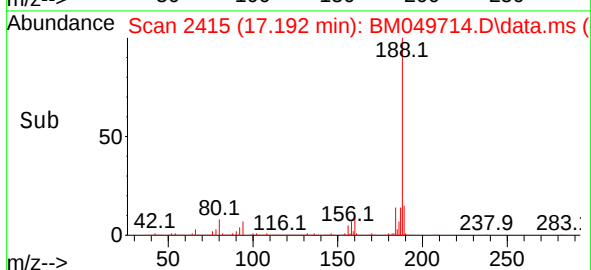
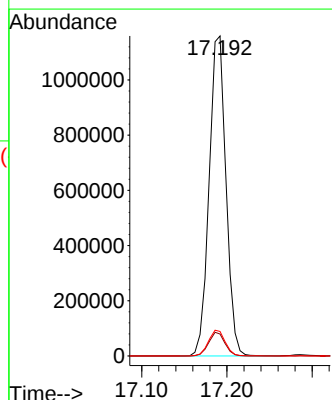
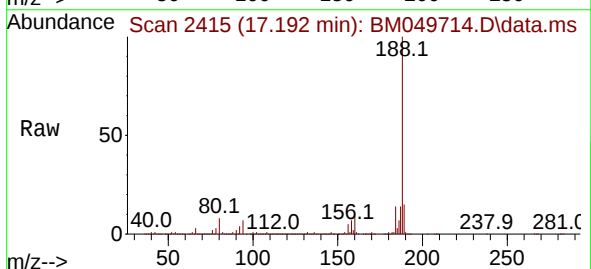
Tgt Ion:188 Resp: 1592582

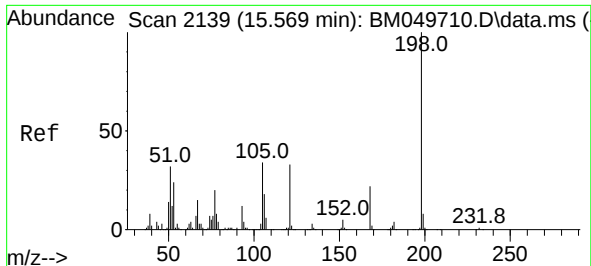
Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

80 7.7 6.3 9.5

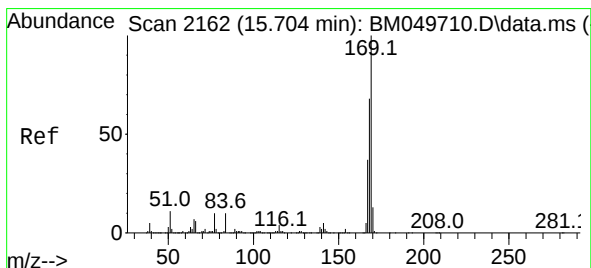
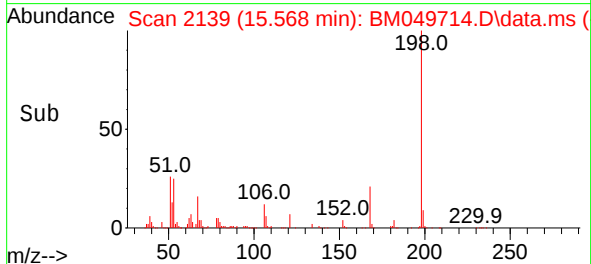
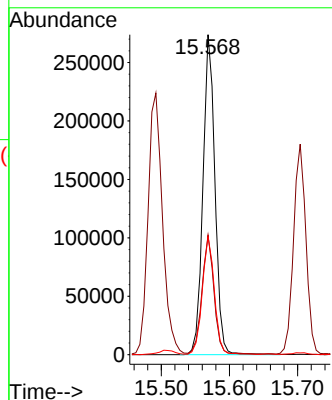
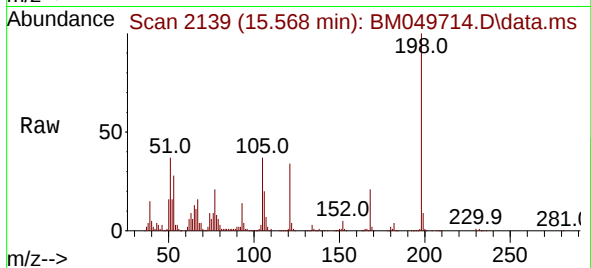




#65
4,6-Dinitro-2-methylphenol
Concen: 40.710 ng
RT: 15.568 min Scan# 2139
Delta R.T. -0.001 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

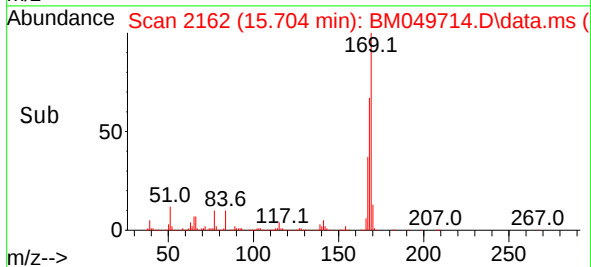
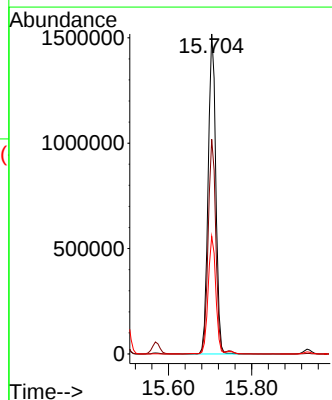
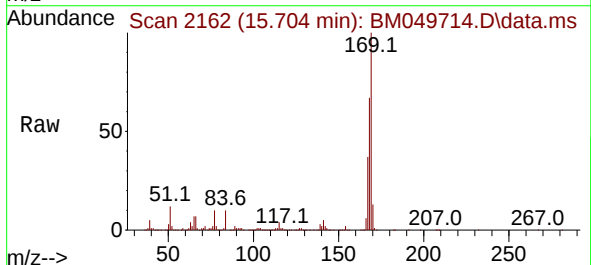
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

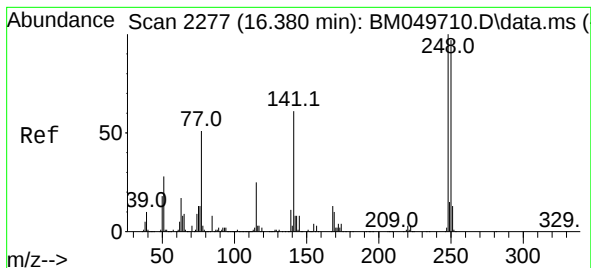
Tgt Ion:198 Resp: 335673
Ion Ratio Lower Upper
198 100
51 37.3 13.8 53.8
105 36.9 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 40.117 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:169 Resp: 1935702
Ion Ratio Lower Upper
169 100
168 67.1 54.8 82.2
167 36.7 29.9 44.9

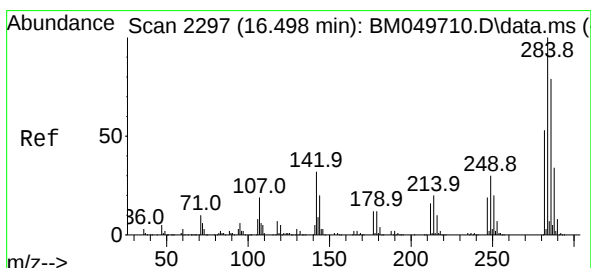
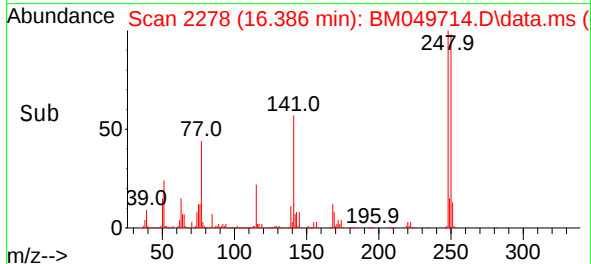
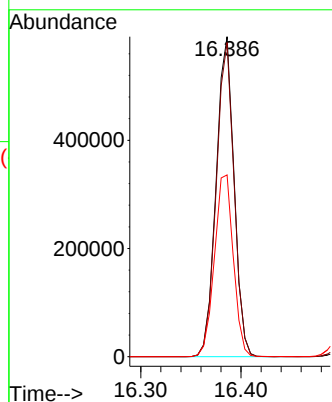
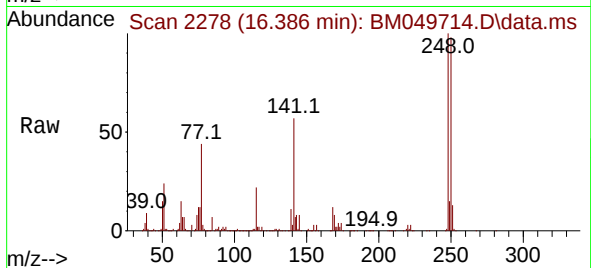




#67
4-Bromophenyl-phenylether
Concen: 39.881 ng
RT: 16.386 min Scan# 2277
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

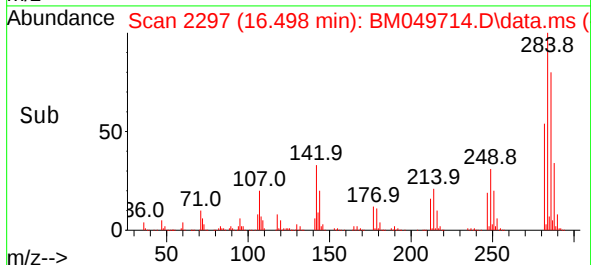
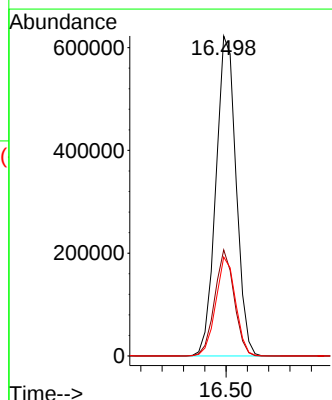
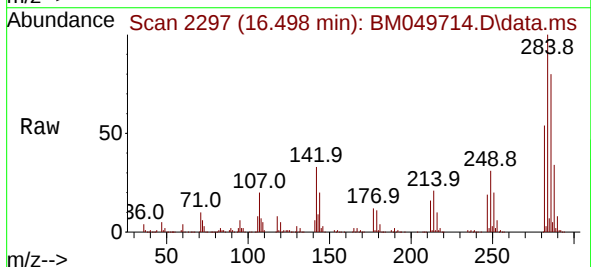
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

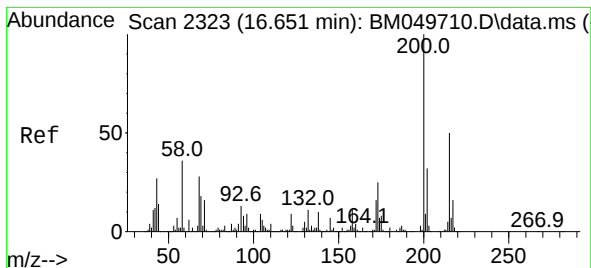
Tgt Ion:248 Resp: 733304
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 56.8 48.6 73.0



#68
Hexachlorobenzene
Concen: 39.511 ng
RT: 16.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:284 Resp: 816963
Ion Ratio Lower Upper
284 100
142 33.1 25.5 38.3
249 30.9 24.2 36.2





#69

Atrazine

Concen: 37.400 ng

RT: 16.657 min Scan# 2324

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

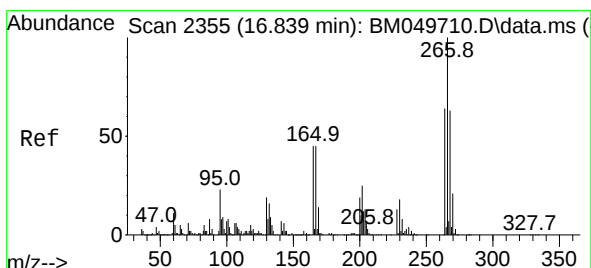
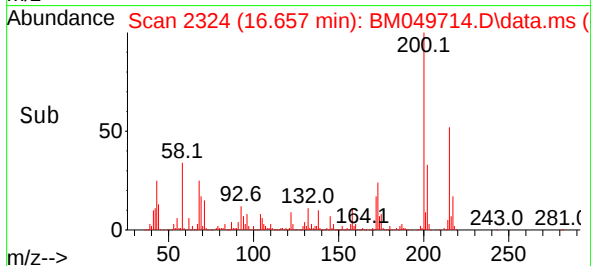
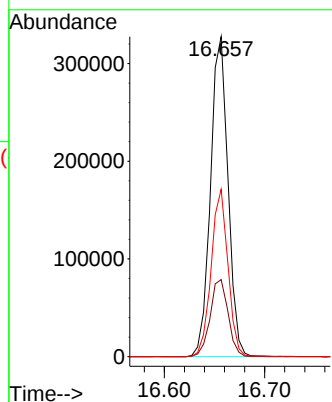
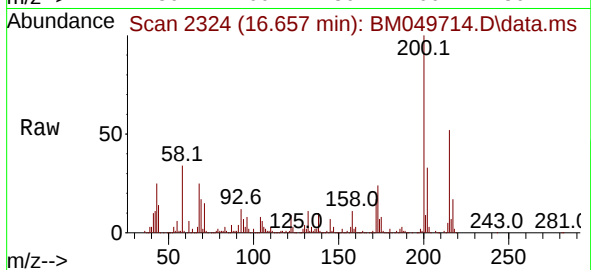
Tgt Ion:200 Resp: 397712

Ion Ratio Lower Upper

200 100

173 24.1 5.4 45.4

215 52.3 29.8 69.8



#70

Pentachlorophenol

Concen: 40.280 ng

RT: 16.845 min Scan# 2356

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

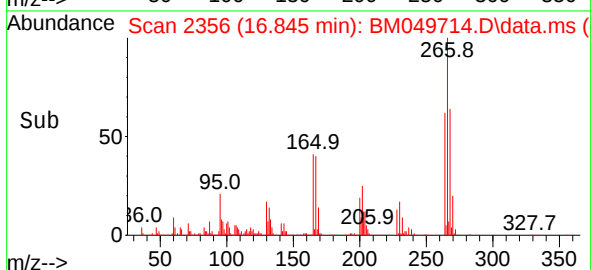
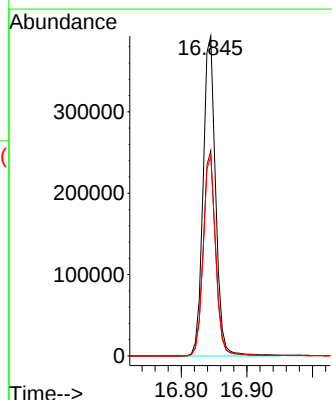
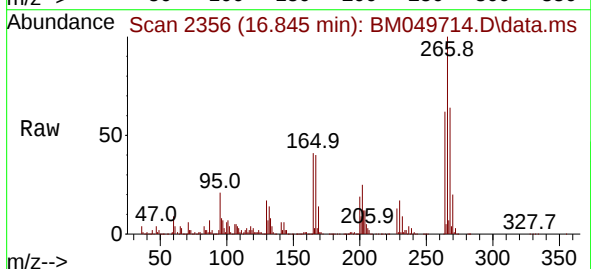
Tgt Ion:266 Resp: 523396

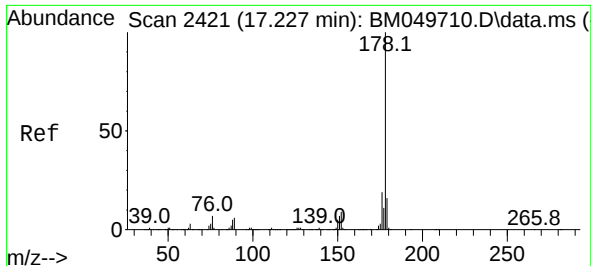
Ion Ratio Lower Upper

266 100

268 64.1 50.2 75.2

264 62.4 51.3 76.9

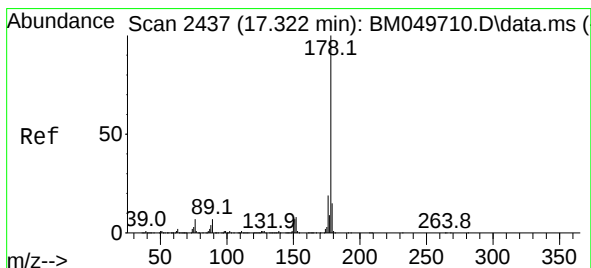
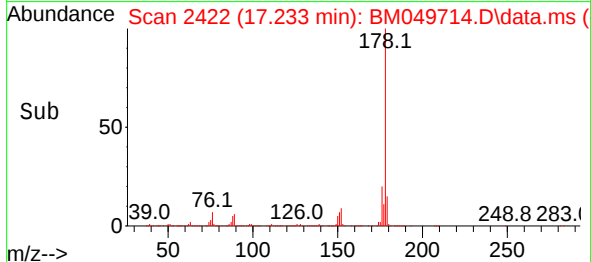
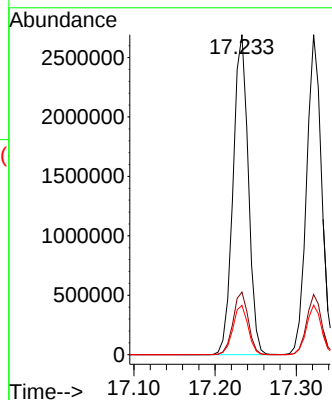
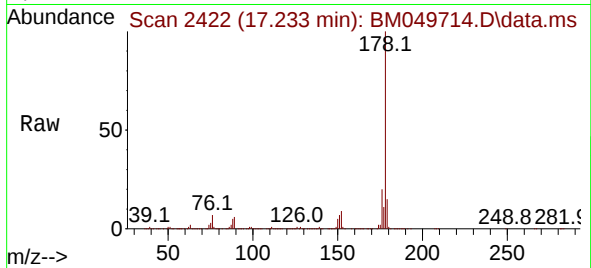




#71
Phenanthrene
Concen: 39.603 ng
RT: 17.233 min Scan# 2421
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

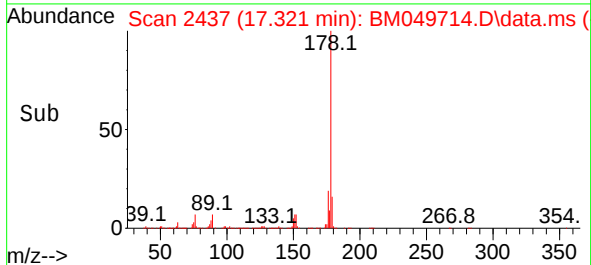
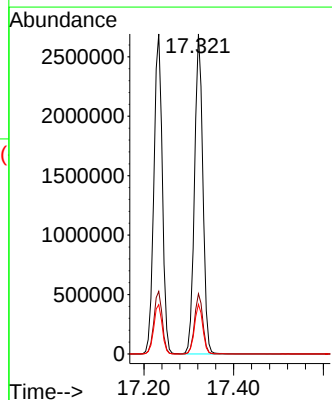
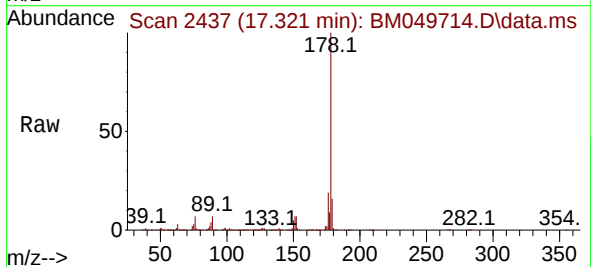
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

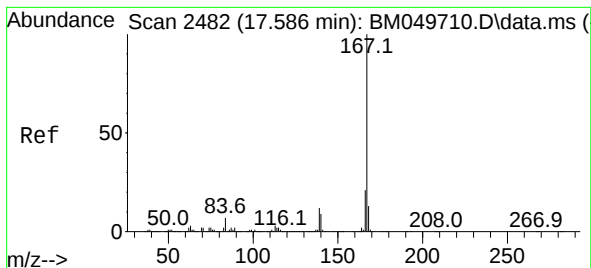
Tgt Ion:178 Resp: 3502162
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.4 12.5 18.7



#72
Anthracene
Concen: 40.434 ng
RT: 17.321 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:178 Resp: 3462856
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.5 12.4 18.6





#73

Carbazole

Concen: 39.814 ng

RT: 17.592 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

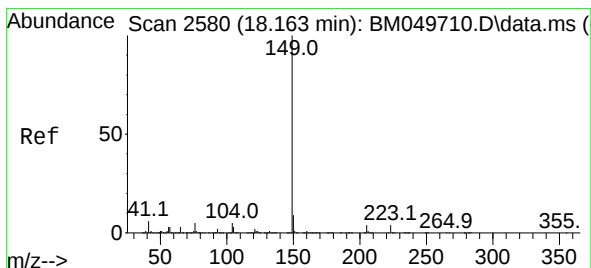
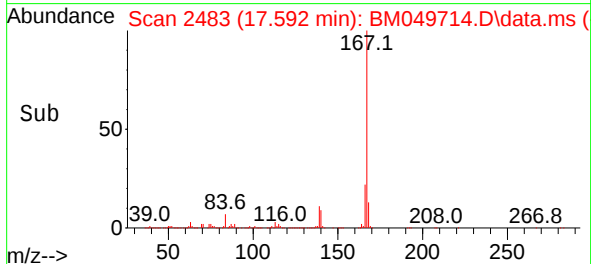
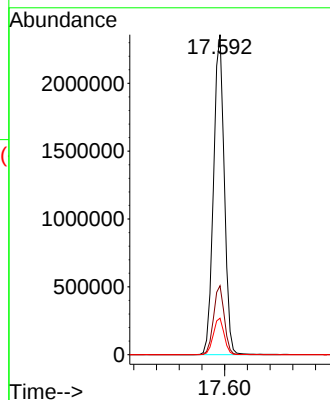
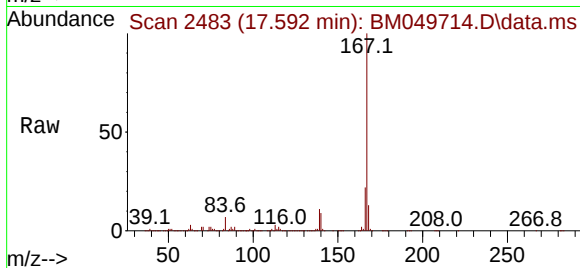
Tgt Ion:167 Resp: 3088050

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 11.4 9.4 14.2



#74

Di-n-butylphthalate

Concen: 40.175 ng

RT: 18.162 min Scan# 2580

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

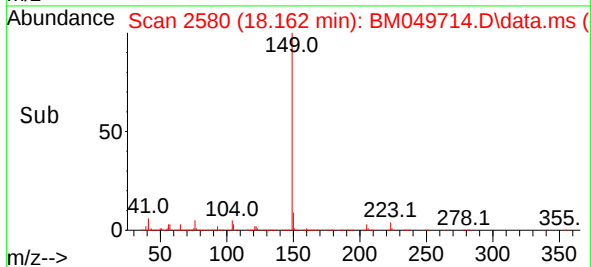
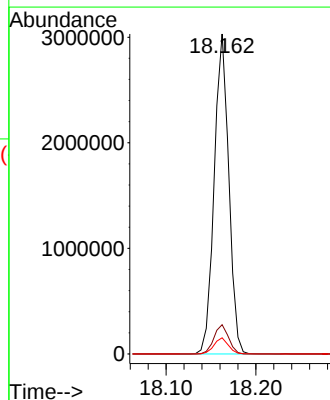
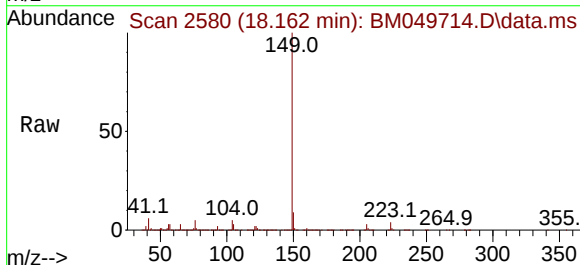
Tgt Ion:149 Resp: 3415276

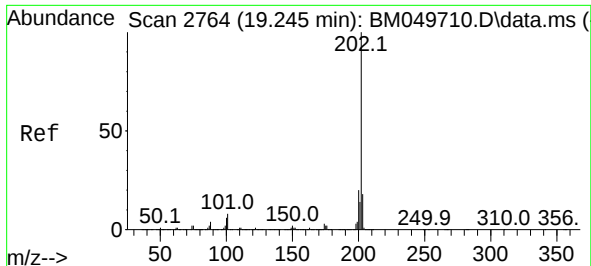
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.1 3.9 5.9

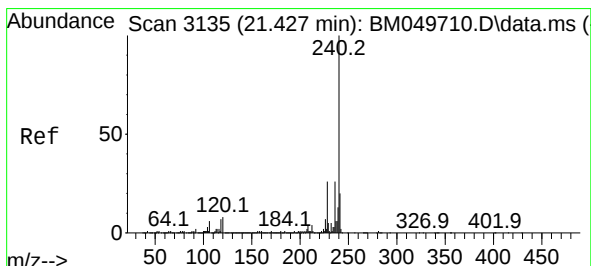
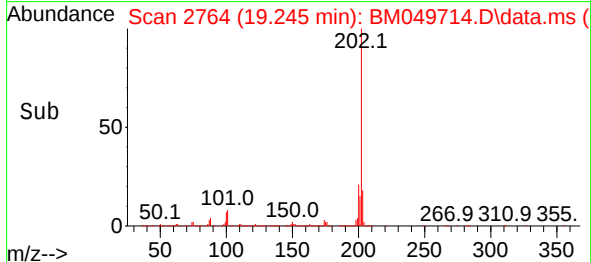
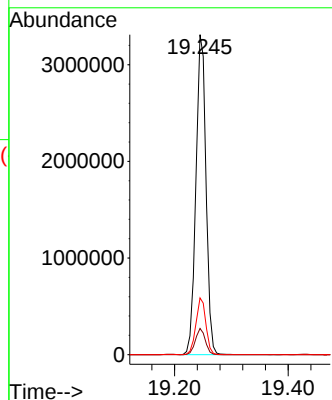
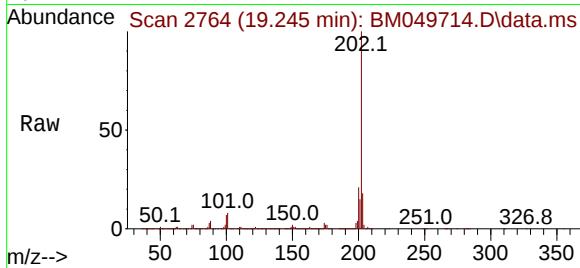




#75
Fluoranthene
Concen: 40.255 ng
RT: 19.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

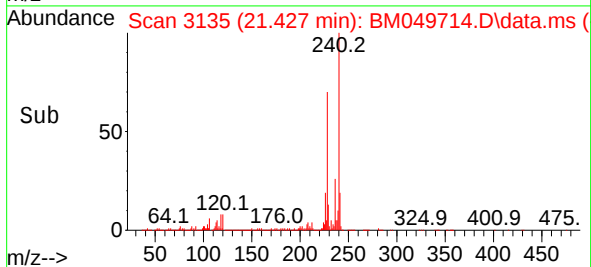
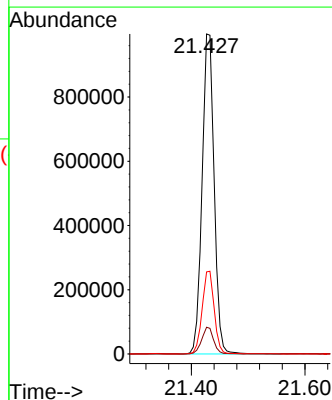
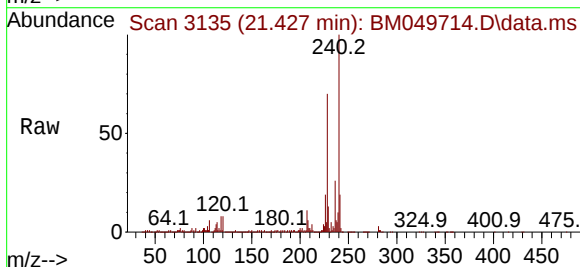
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

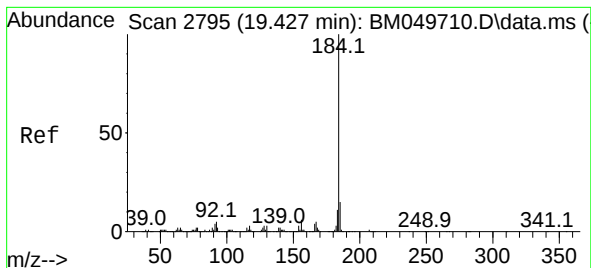
Tgt Ion:202 Resp: 4098453
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.8
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:240 Resp: 1466147
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 25.7 20.7 31.1





#77

Benzidine

Concen: 48.932 ng

RT: 19.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

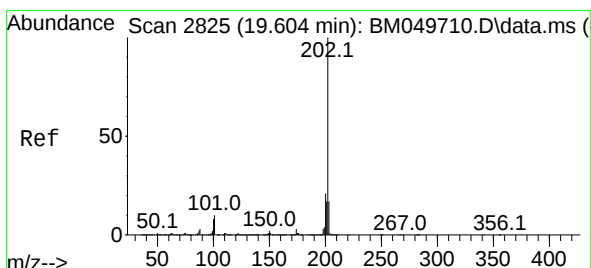
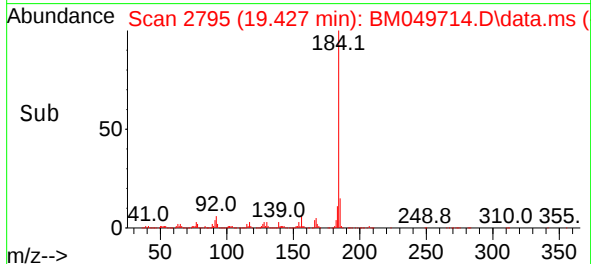
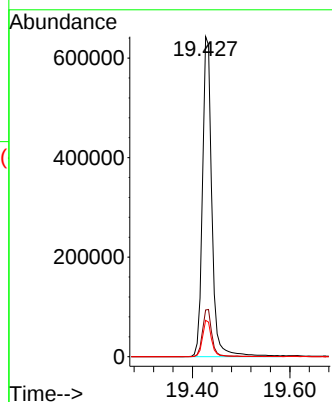
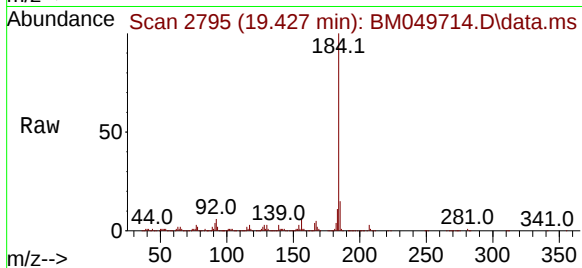
Tgt Ion:184 Resp: 861900

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 11.3 8.8 13.2



#78

Pyrene

Concen: 41.286 ng

RT: 19.609 min Scan# 2826

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

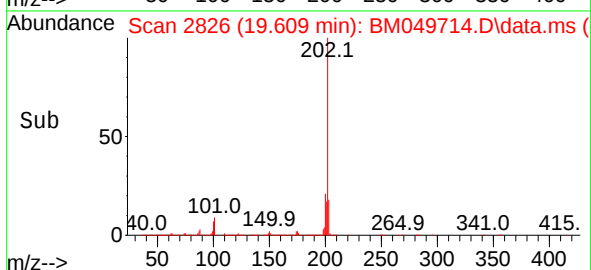
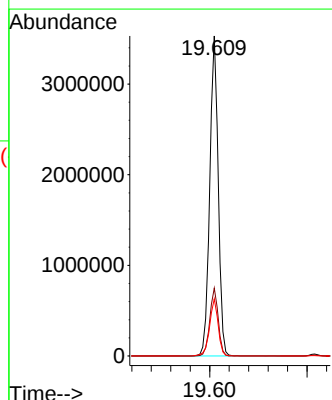
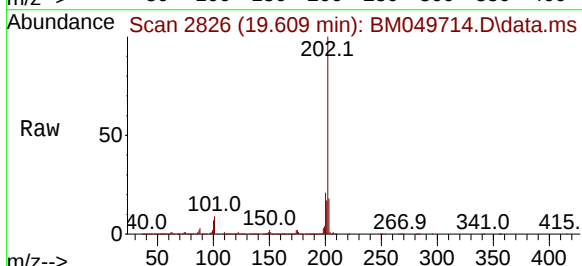
Tgt Ion:202 Resp: 4229052

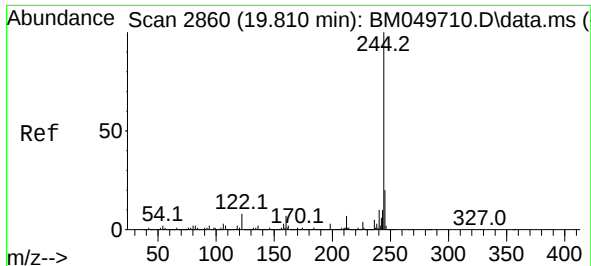
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.8 14.0 21.0

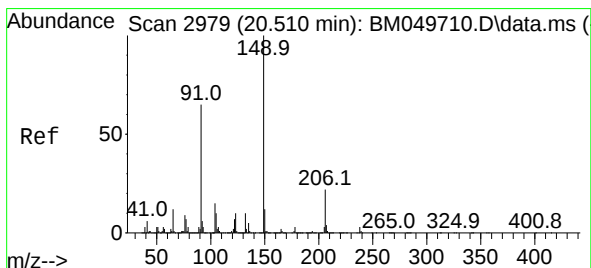
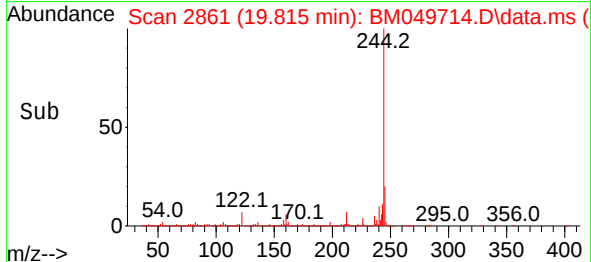
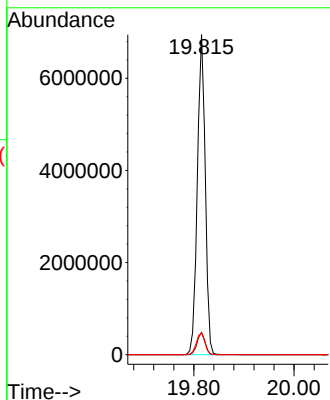
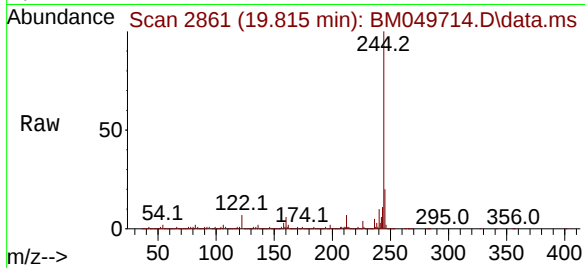




#79
 Terphenyl-d14
 Concen: 87.079 ng
 RT: 19.815 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM049714.D
 Acq: 13 Mar 2025 14:41

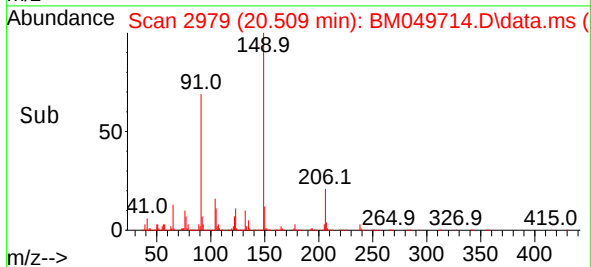
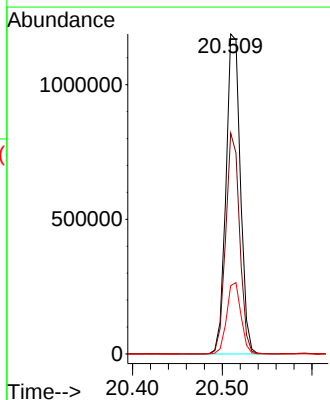
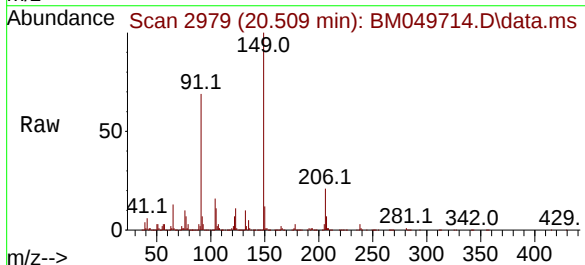
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031325

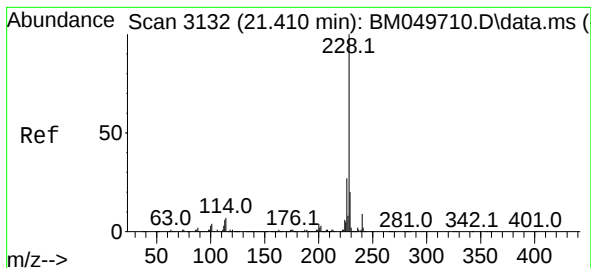
Tgt Ion:244 Resp: 7576311
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 6.9 6.0 9.0



#80
 Butylbenzylphthalate
 Concen: 41.591 ng
 RT: 20.509 min Scan# 2979
 Delta R.T. -0.000 min
 Lab File: BM049714.D
 Acq: 13 Mar 2025 14:41

Tgt Ion:149 Resp: 1322122
 Ion Ratio Lower Upper
 149 100
 91 69.0 52.2 78.4
 206 21.3 17.6 26.4





#81

Benzo(a)anthracene

Concen: 39.638 ng

RT: 21.409 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

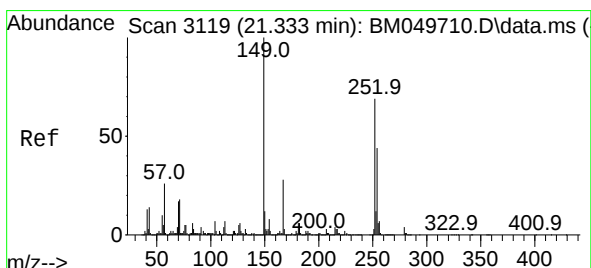
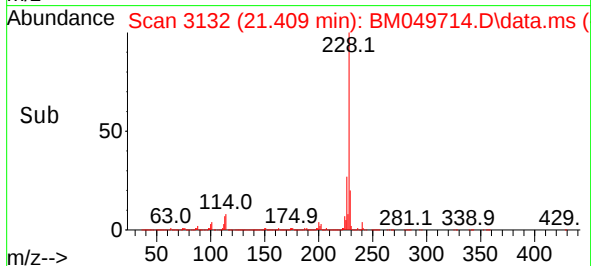
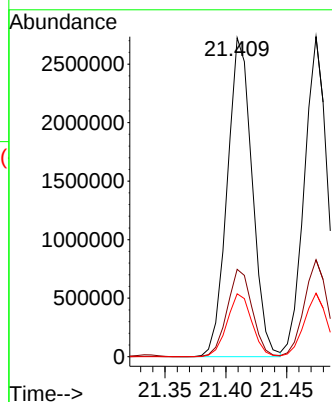
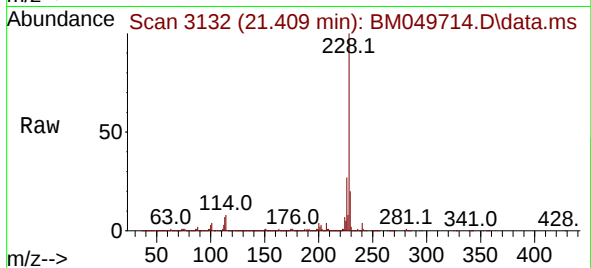
Tgt Ion:228 Resp: 3881696

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 40.108 ng

RT: 21.333 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

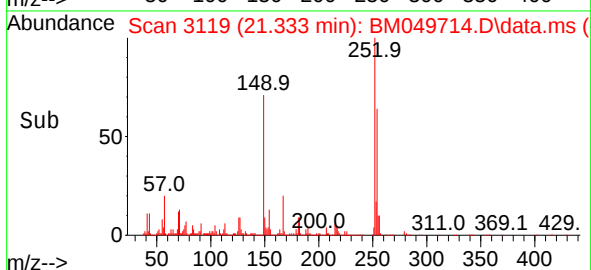
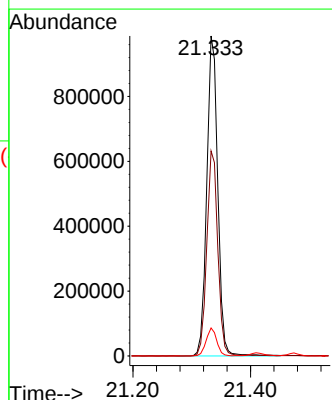
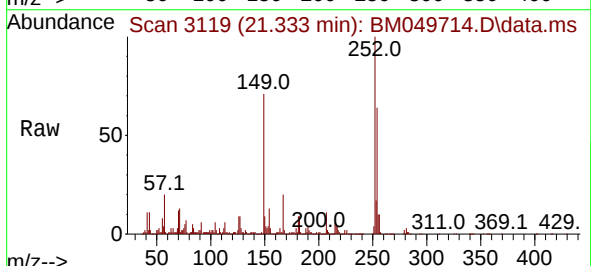
Tgt Ion:252 Resp: 1278791

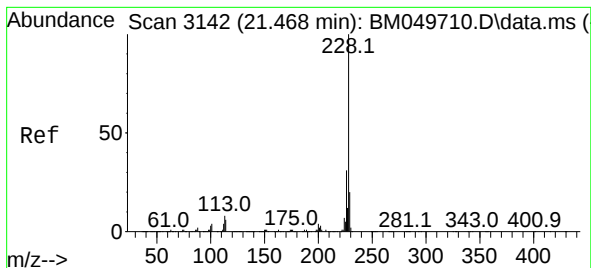
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.4

126 8.7 6.3 9.5





#83

Chrysene

Concen: 39.108 ng

RT: 21.474 min Scan# 3142

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

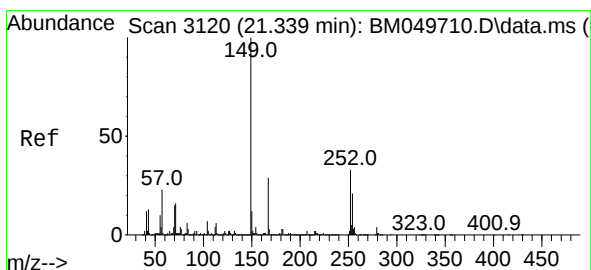
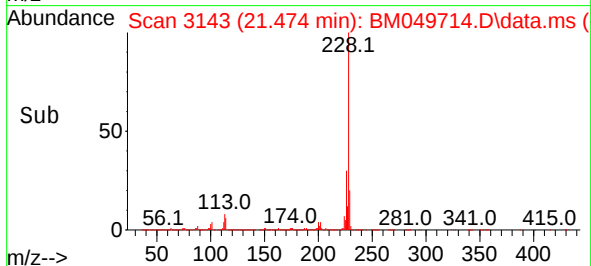
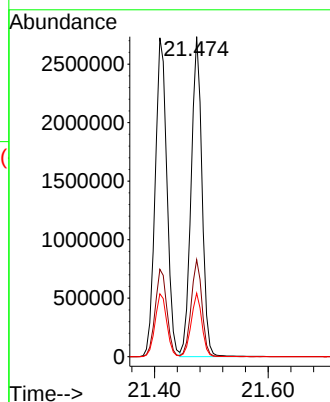
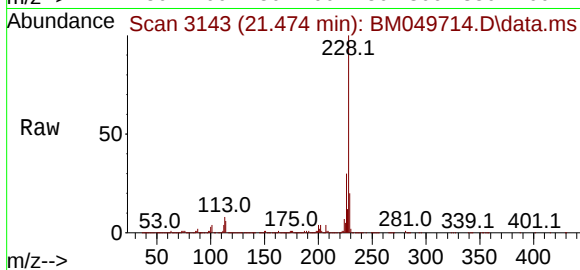
Tgt Ion:228 Resp: 3630416

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.168 ng

RT: 21.345 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

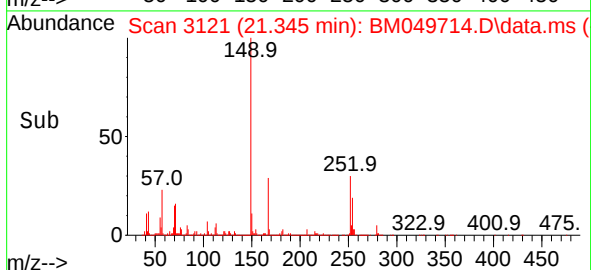
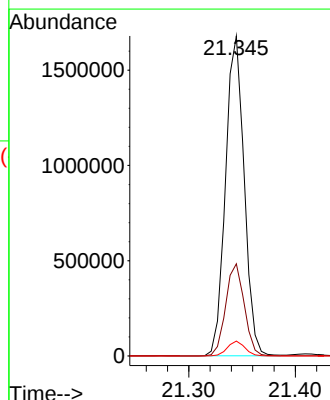
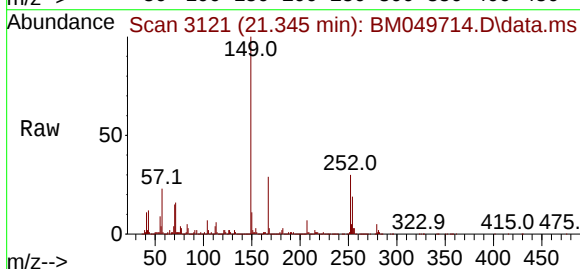
Tgt Ion:149 Resp: 2039556

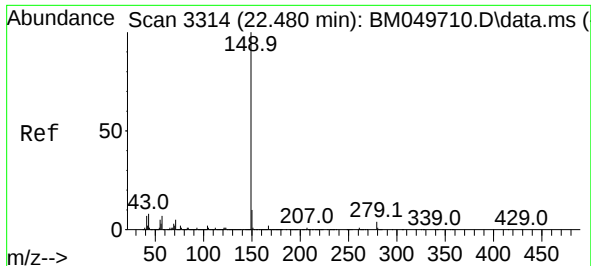
Ion Ratio Lower Upper

149 100

167 28.8 22.9 34.3

279 4.6 3.5 5.3

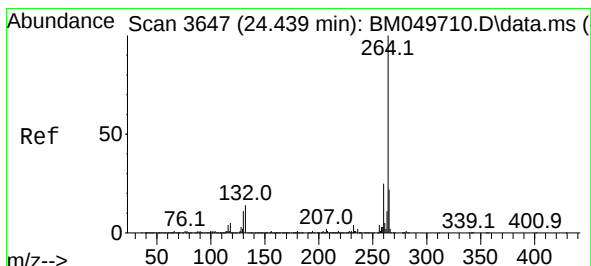
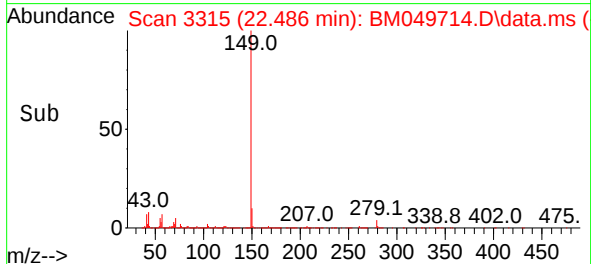
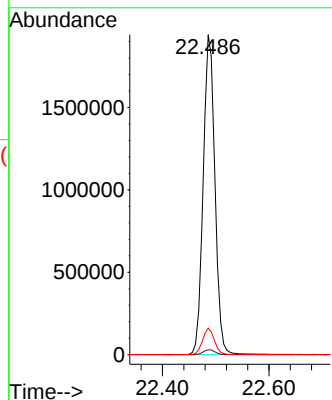
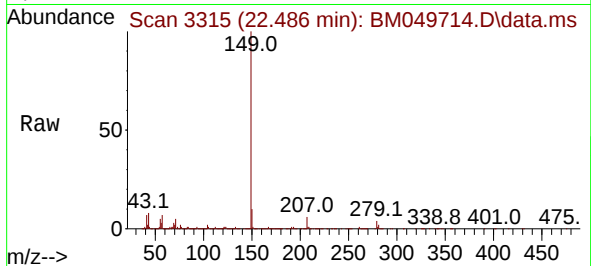




#85
Di-n-octyl phthalate
Concen: 38.353 ng
RT: 22.486 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

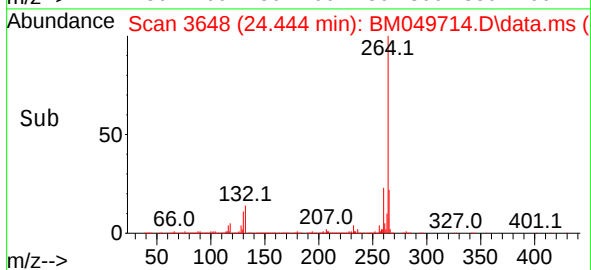
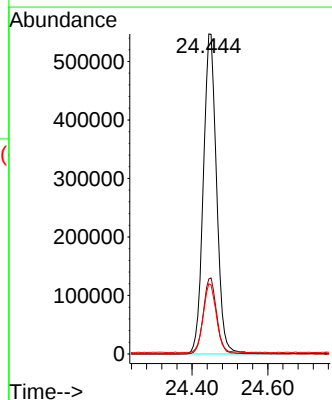
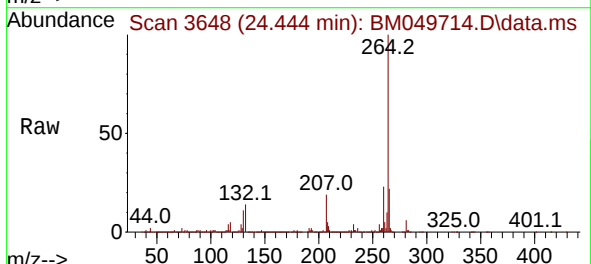
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

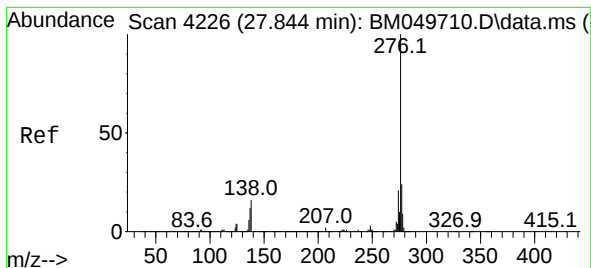
Tgt Ion:149 Resp: 2953248
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.444 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:264 Resp: 1326527
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 22.0 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.154 ng

RT: 27.856 min Scan# 41

Delta R.T. 0.011 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

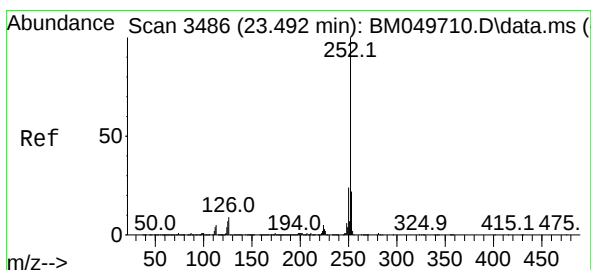
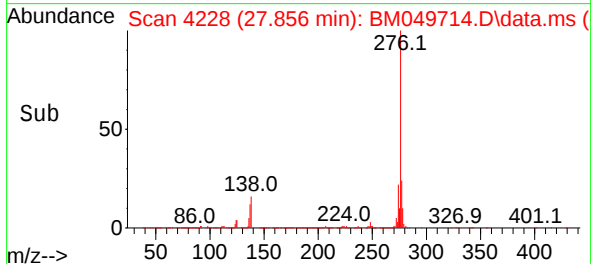
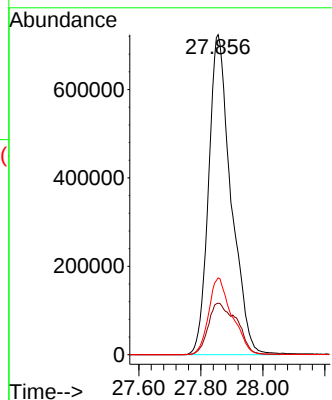
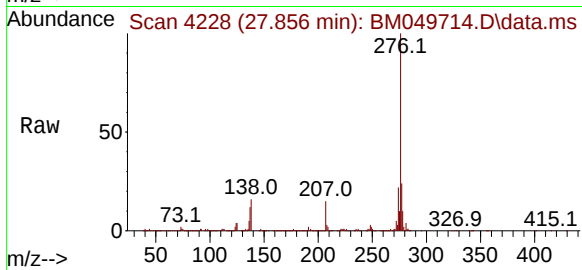
Tgt Ion:276 Resp: 3642855

Ion Ratio Lower Upper

276 100

138 20.4 16.3 24.5

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 39.262 ng

RT: 23.497 min Scan# 3487

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

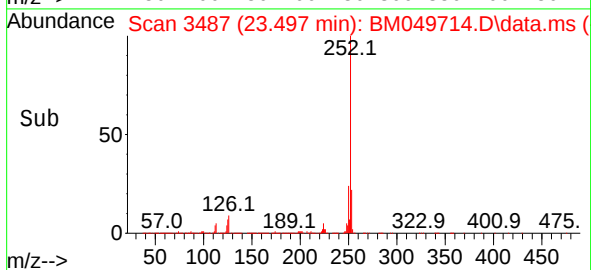
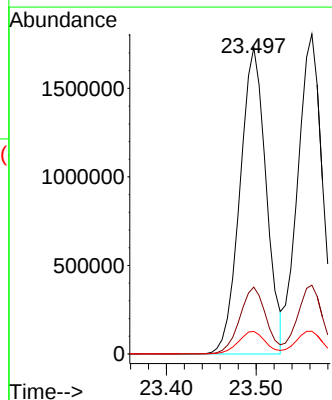
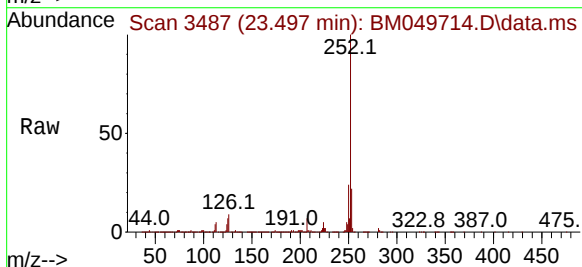
Tgt Ion:252 Resp: 3507924

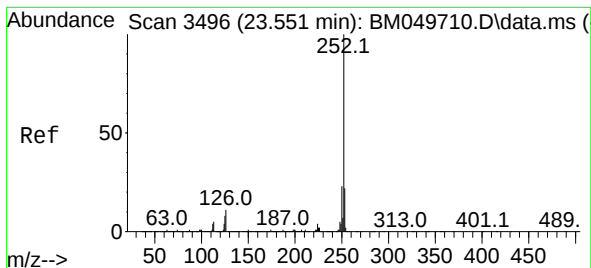
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 7.4 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 39.606 ng

RT: 23.562 min Scan# 3496

Delta R.T. 0.011 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

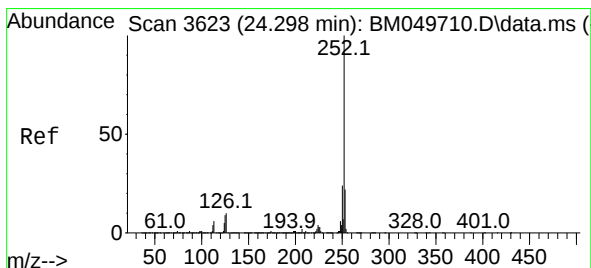
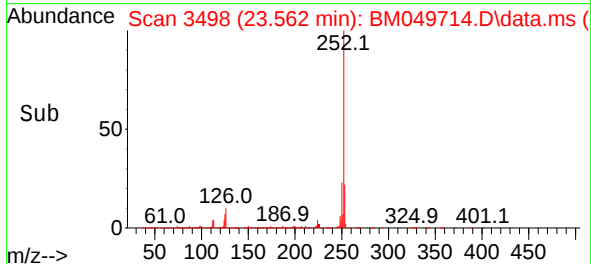
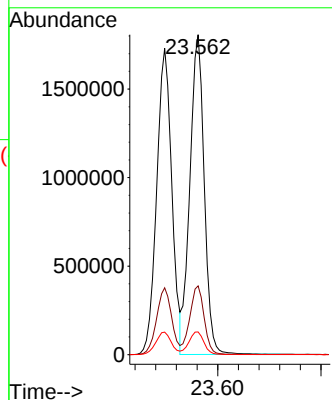
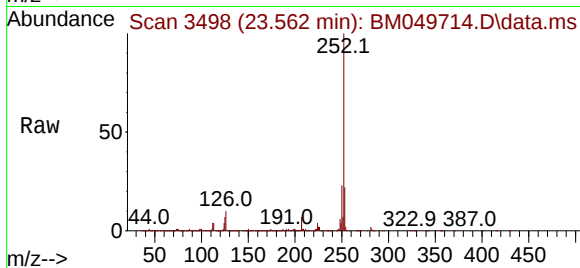
Tgt Ion:252 Resp: 3482012

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 7.1 6.2 9.2



#90

Benzo(a)pyrene

Concen: 39.477 ng

RT: 24.309 min Scan# 3625

Delta R.T. 0.011 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

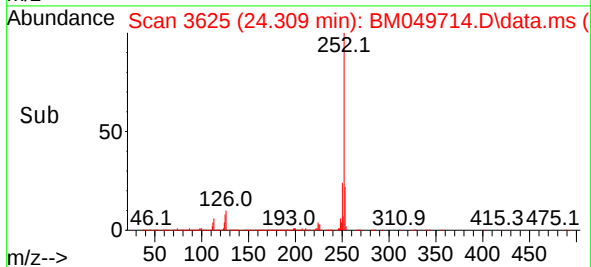
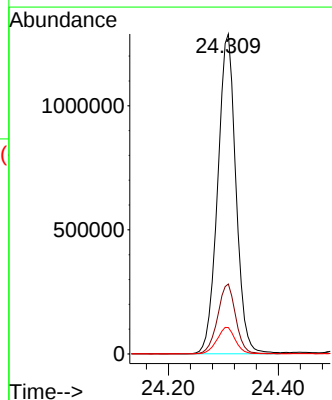
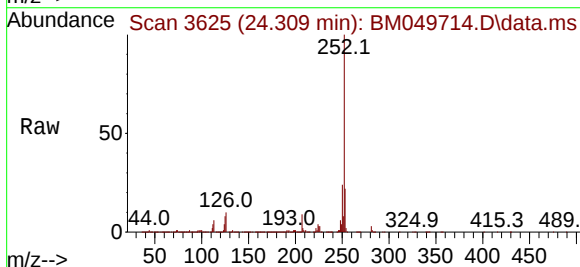
Tgt Ion:252 Resp: 2962652

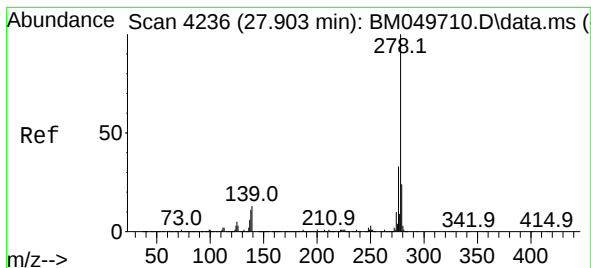
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 8.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 38.090 ng

RT: 27.915 min Scan# 41

Delta R.T. 0.011 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

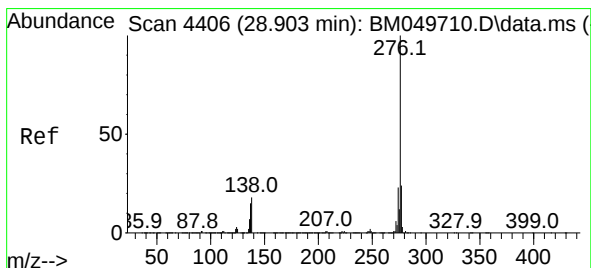
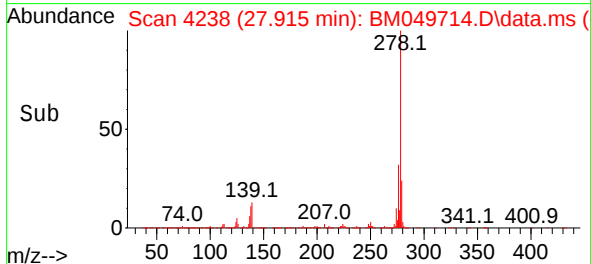
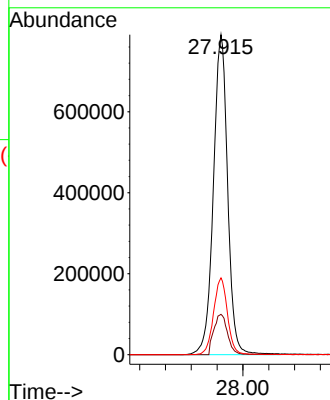
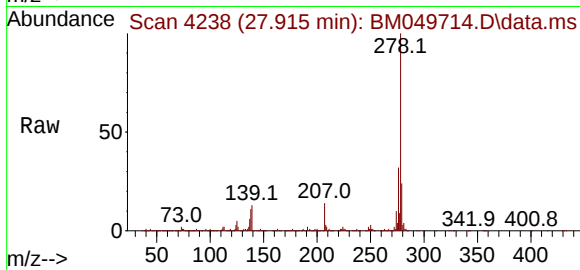
Tgt Ion:278 Resp: 3029972

Ion Ratio Lower Upper

278 100

139 12.6 10.1 15.1

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 37.817 ng

RT: 28.915 min Scan# 4408

Delta R.T. 0.011 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Tgt Ion:276 Resp: 3030114

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 17.8 14.0 21.0

