

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
 Data File : BM047170.D
 Acq On : 13 Aug 2024 11:02
 Operator : RC/JU
 Sample : P3390-03
 Misc : MDL-MDL-SOIL-4NG
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 13 12:39:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	182499	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	787140	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	510539	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1115889	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1090704	20.000	ng	0.00
86) Perylene-d12	23.721	264	1358635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1305970	127.867	ng	0.00
7) Phenol-d6	6.581	99	1777709	126.318	ng	0.00
23) Nitrobenzene-d5	8.516	82	1352145	86.497	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	775824	131.056	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	2646970	79.975	ng	0.00
79) Terphenyl-d14	19.456	244	4293965	84.358	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	19970	4.719	ng	95
3) Pyridine	3.422	79	48983	3.947	ng	# 94
4) n-Nitrosodimethylamine	3.334	42	22821	4.209	ng	# 89
6) Aniline	6.722	93	69546	5.228	ng	99
8) 2-Chlorophenol	6.945	128	48496	4.353	ng	95
9) Benzaldehyde	6.534	77	53094	4.904	ng	96
10) Phenol	6.604	94	57477	4.093	ng	86
11) bis(2-Chloroethyl)ether	6.822	93	53216	4.425	ng	95
12) 1,3-Dichlorobenzene	7.257	146	56194	4.245	ng	97
13) 1,4-Dichlorobenzene	7.404	146	56357	4.205	ng	94
14) 1,2-Dichlorobenzene	7.716	146	54561	4.315	ng	99
15) Benzyl Alcohol	7.622	79	39231	3.917	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.892	45	75425	4.888	ng	97
17) 2-Methylphenol	7.828	107	38936	4.156	ng	94
18) Hexachloroethane	8.422	117	22552	4.344	ng	# 83
19) n-Nitroso-di-n-propyla...	8.181	70	44155	4.658	ng	95
20) 3+4-Methylphenols	8.157	107	52060	3.975	ng	97
22) Acetophenone	8.192	105	85472	4.498	ng	# 95
24) Nitrobenzene	8.557	77	66074	4.198	ng	95
25) Isophorone	9.086	82	110590	4.063	ng	99
26) 2-Nitrophenol	9.263	139	21737	3.118	ng	# 90
27) 2,4-Dimethylphenol	9.339	122	29623	3.628	ng	93
28) bis(2-Chloroethoxy)met...	9.575	93	70635	4.124	ng	98
29) 2,4-Dichlorophenol	9.798	162	41719	3.443	ng	95
30) 1,2,4-Trichlorobenzene	9.998	180	51151	3.730	ng	97
31) Naphthalene	10.175	128	166201	4.238	ng	99
32) Benzoic acid	9.428	122	20908	2.204	ng	95
33) 4-Chloroaniline	10.304	127	62217	4.126	ng	100
34) Hexachlorobutadiene	10.463	225	27240	3.394	ng	95
35) Caprolactam	11.086	113	13428	3.191	ng	# 85
36) 4-Chloro-3-methylphenol	11.445	107	45957	3.562	ng	94
37) 2-Methylnaphthalene	11.804	142	111009	3.976	ng	98
38) 1-Methylnaphthalene	12.027	142	107209	3.885	ng	96
40) 1,2,4,5-Tetrachloroben...	12.180	216	51229	3.679	ng	# 98
41) Hexachlorocyclopentadiene	12.163	237	18315	3.767	ng	88
43) 2,4,6-Trichlorophenol	12.445	196	32137	3.247	ng	96

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
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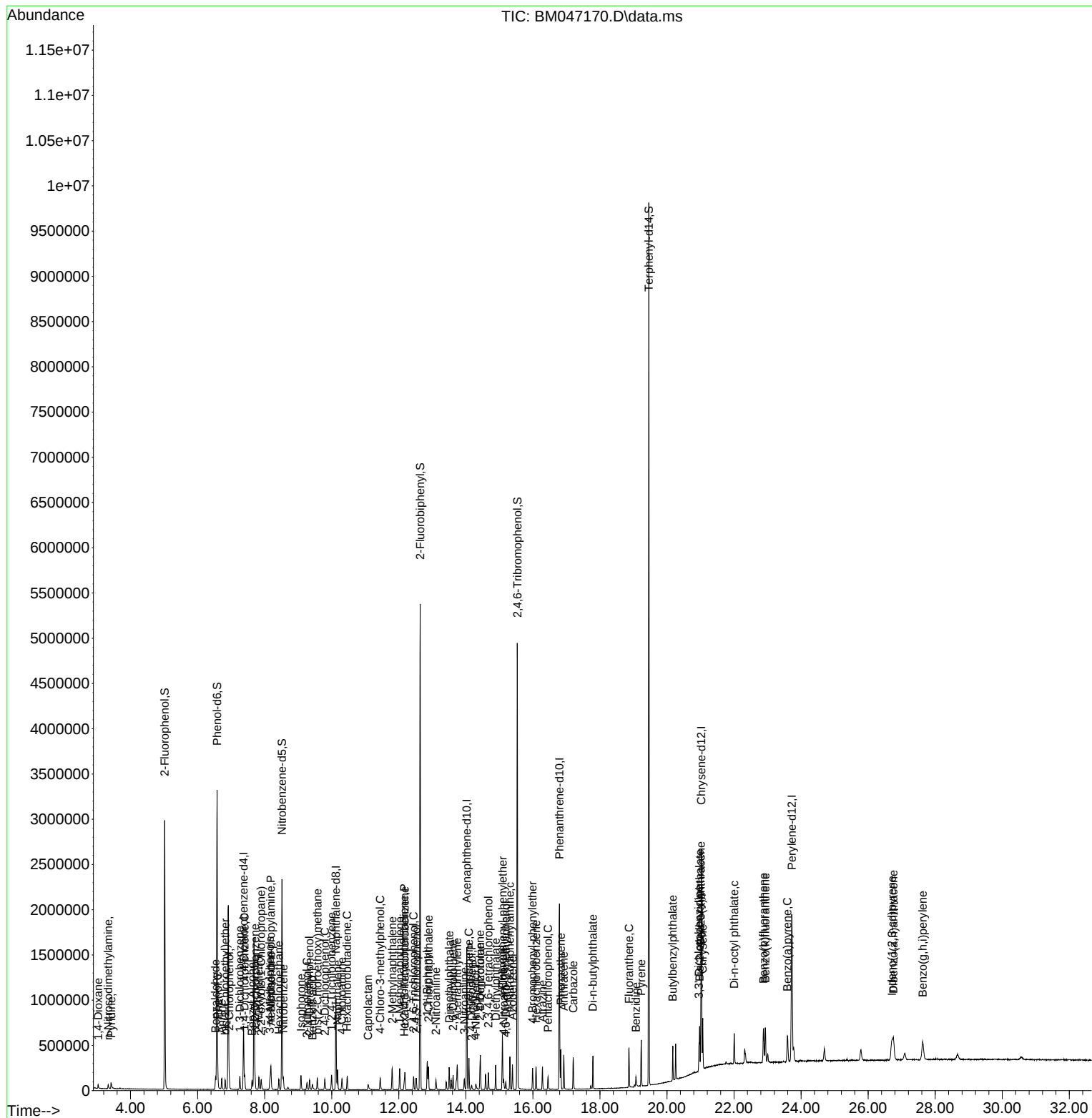
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44) 2,4,5-Trichlorophenol	12.522	196	34248	3.116	ng	96
46) 1,1'-Biphenyl	12.851	154	159606	4.391	ng	99
47) 2-Chloronaphthalene	12.886	162	118012	4.154	ng	97
48) 2-Nitroaniline	13.110	65	31291	3.516	ng	# 84
49) Acenaphthylene	13.745	152	188284	4.496	ng	100
50) Dimethylphthalate	13.504	163	146278	4.102	ng	99
51) 2,6-Dinitrotoluene	13.621	165	27823	3.338	ng	91
52) Acenaphthene	14.092	154	111099	4.183	ng	96
53) 3-Nitroaniline	13.957	138	28469	3.409	ng	# 84
54) 2,4-Dinitrophenol	14.174	184	9367	1.875	ng	97
55) Dibenzofuran	14.433	168	184354	4.394	ng	97
56) 4-Nitrophenol	14.298	139	20948	2.909	ng	91
57) 2,4-Dinitrotoluene	14.421	165	35624	3.202	ng	# 70
58) Fluorene	15.092	166	145123	4.192	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.674	232	32170	3.562	ng	91
60) Diethylphthalate	14.892	149	145081	3.984	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	67429	4.091	ng	99
62) 4-Nitroaniline	15.127	138	27418	3.332	ng	94
63) Azobenzene	15.392	77	153047	4.433	ng	98
65) 4,6-Dinitro-2-methylph...	15.192	198	15529	2.377	ng	88
66) n-Nitrosodiphenylamine	15.315	169	121771	4.006	ng	97
67) 4-Bromophenyl-phenylether	15.992	248	37598	3.497	ng	92
68) Hexachlorobenzene	16.098	284	48639	3.777	ng	96
69) Atrazine	16.286	200	38087	4.164	ng	97
70) Pentachlorophenol	16.451	266	23461	2.599	ng	98
71) Phenanthrene	16.833	178	244898	4.373	ng	99
72) Anthracene	16.921	178	225516	4.139	ng	100
73) Carbazole	17.204	167	218839	3.933	ng	99
74) Di-n-butylphthalate	17.792	149	236591	3.655	ng	# 98
75) Fluoranthene	18.868	202	253799	3.726	ng	98
77) Benzidine	19.074	184	71948	3.890	ng	99
78) Pyrene	19.233	202	275824	3.542	ng	97
80) Butylbenzylphthalate	20.174	149	100391	3.159	ng	93
81) Benzo(a)anthracene	21.009	228	282431	3.901	ng	99
82) 3,3'-Dichlorobenzidine	20.956	252	85234	3.762	ng	97
83) Chrysene	21.068	228	273990	3.988	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	149049	3.307	ng	95
85) Di-n-octyl phthalate	22.003	149	229077	2.990	ng	# 96
87) Indeno(1,2,3-cd)pyrene	26.709	276	352379	4.013	ng	98
88) Benzo(b)fluoranthene	22.880	252	287423	3.562	ng	98
89) Benzo(k)fluoranthene	22.933	252	288710	3.788	ng	98
90) Benzo(a)pyrene	23.591	252	258453	3.698	ng	# 98
91) Dibenzo(a,h)anthracene	26.756	278	291958	4.108	ng	99
92) Benzo(g,h,i)perylene	27.626	276	289415	3.922	ng	98

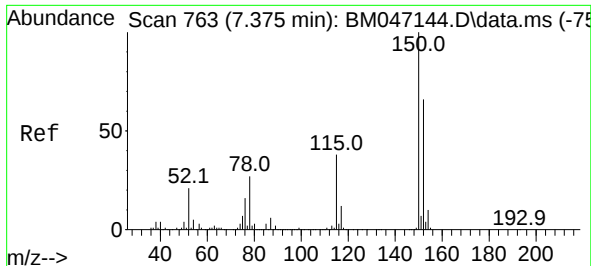
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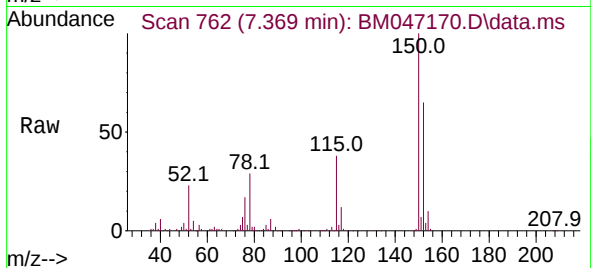
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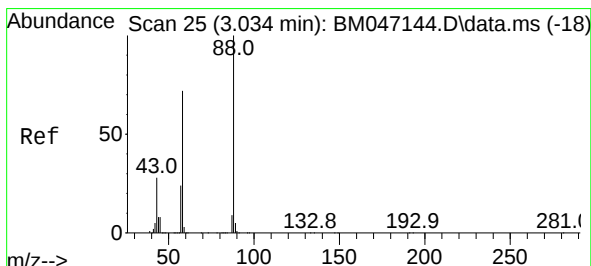
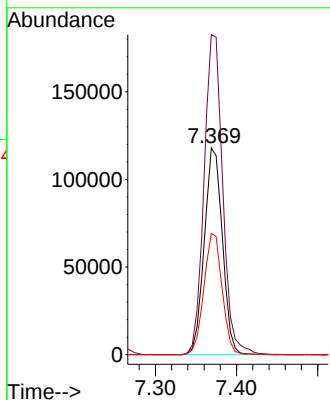
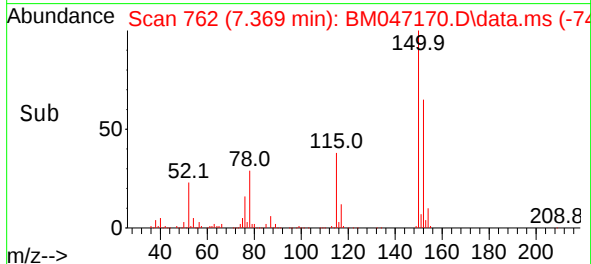


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Instrument :
BNA_M
ClientSampleId :

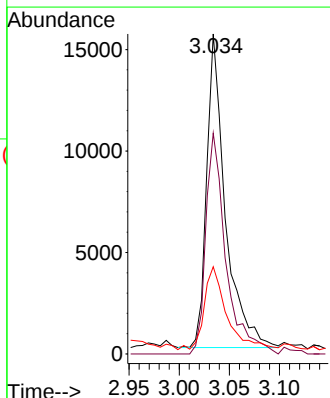
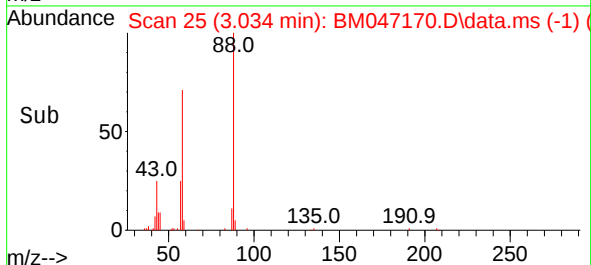
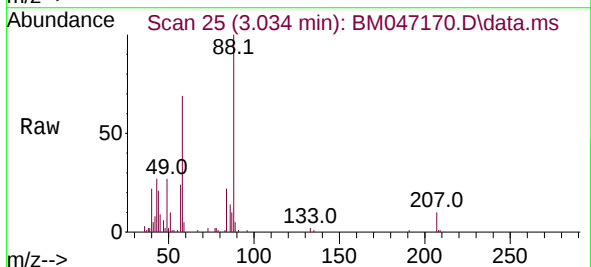


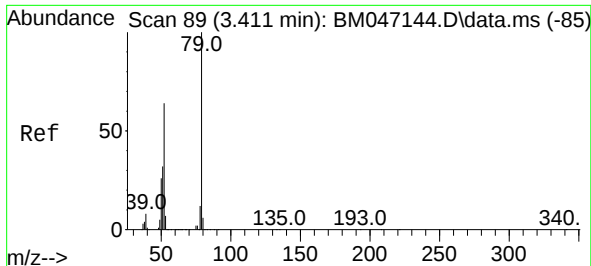
Tgt Ion:152 Resp: 182499
Ion Ratio Lower Upper
152 100
150 154.7 120.5 180.7
115 58.7 45.5 68.3



#2
1,4-Dioxane
Concen: 4.719 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

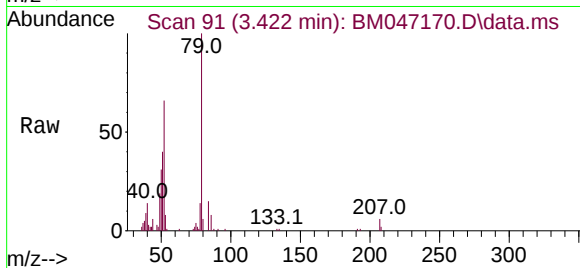
Tgt Ion: 88 Resp: 19970
Ion Ratio Lower Upper
88 100
58 75.9 58.2 87.4
43 32.2 22.5 33.7



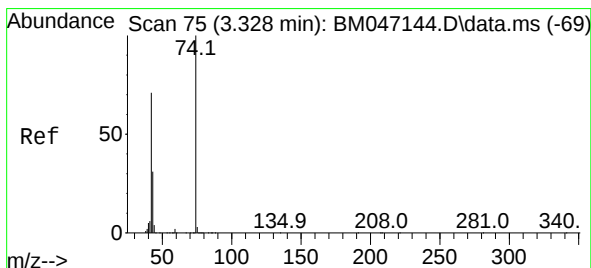
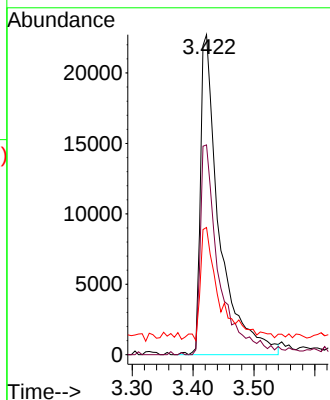
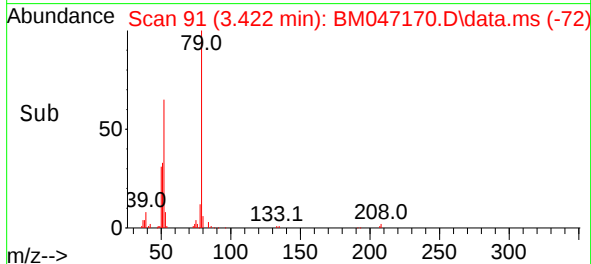


#3
 Pyridine
 Concen: 3.947 ng
 RT: 3.422 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: BM047170.D
 Acq: 13 Aug 2024 11:02

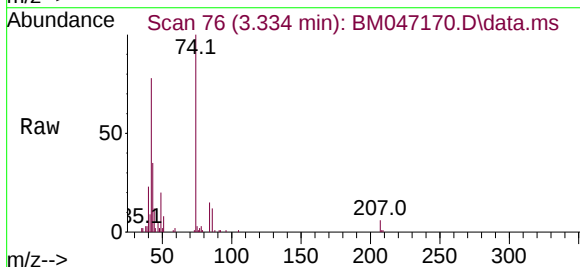
Instrument :
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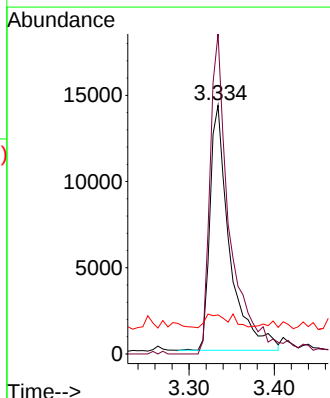
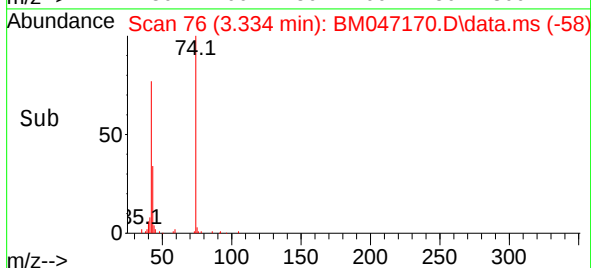
Tgt Ion: 79 Resp: 48983
 Ion Ratio Lower Upper
 79 100
 52 65.6 51.2 76.8
 51 39.8 26.1 39.1#

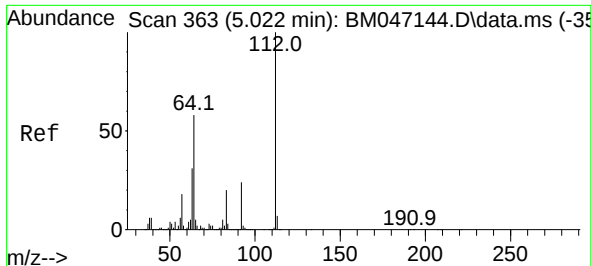


#4
 n-Nitrosodimethylamine
 Concen: 4.209 ng
 RT: 3.334 min Scan# 76
 Delta R.T. 0.006 min
 Lab File: BM047170.D
 Acq: 13 Aug 2024 11:02



Tgt Ion: 42 Resp: 22821
 Ion Ratio Lower Upper
 42 100
 74 128.7 112.9 169.3
 44 15.7 5.3 7.9#

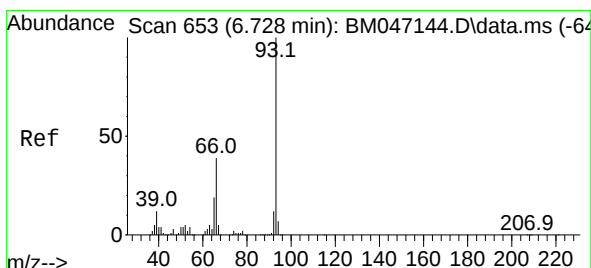
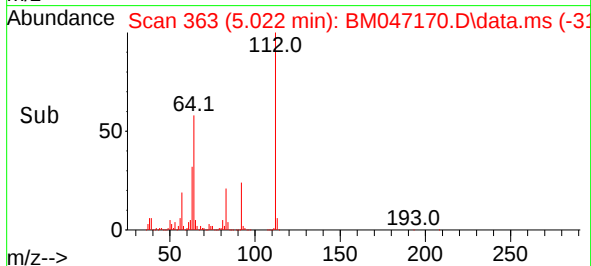
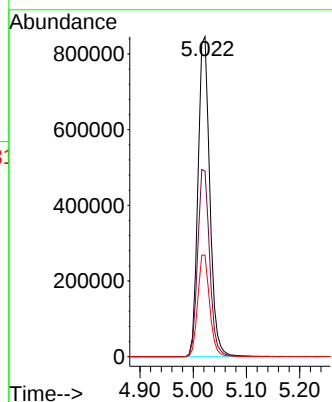
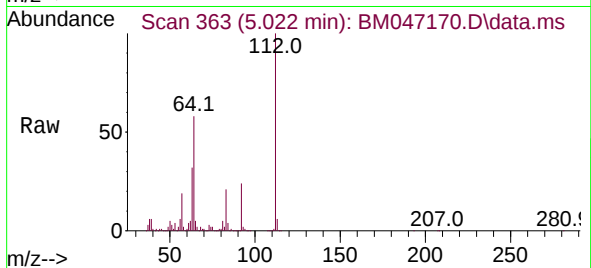




#5
2-Fluorophenol
Concen: 127.867 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

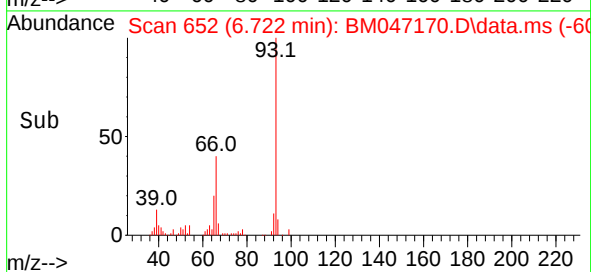
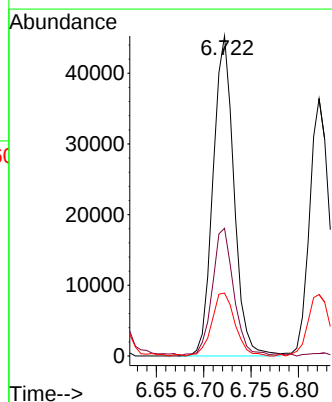
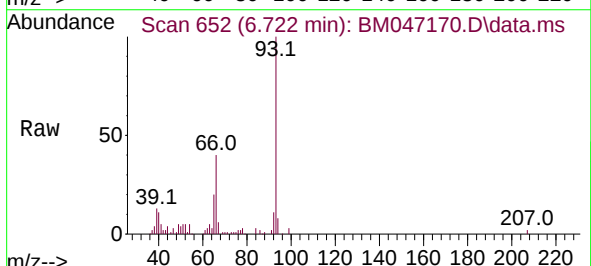
Instrument :
BNA_M
ClientSampleId :

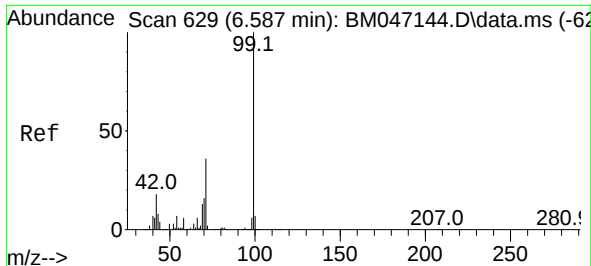
Tgt Ion:112 Resp: 1305970
Ion Ratio Lower Upper
112 100
64 58.0 46.7 70.1
63 31.7 24.8 37.2



#6
Aniline
Concen: 5.228 ng
RT: 6.722 min Scan# 652
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion: 93 Resp: 69546
Ion Ratio Lower Upper
93 100
66 39.9 31.4 47.2
65 19.7 15.6 23.4

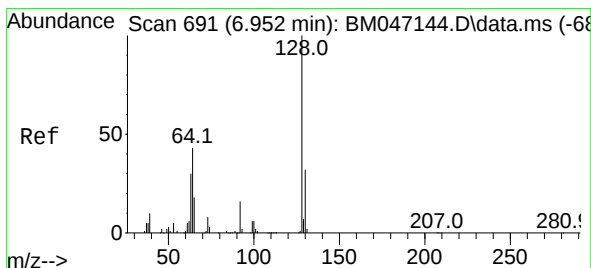
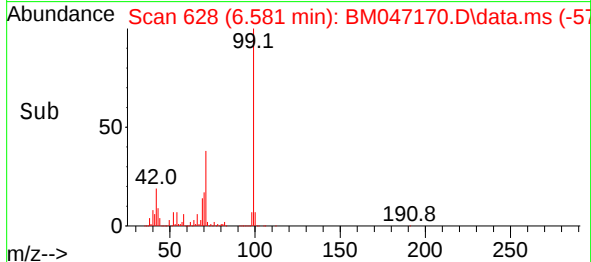
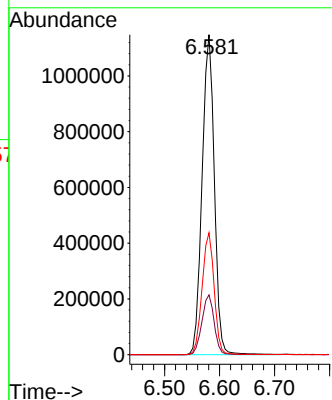
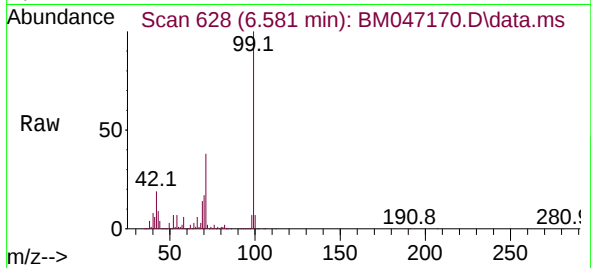




#7
Phenol-d6
Concen: 126.318 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

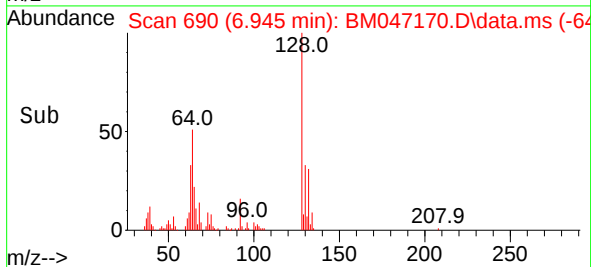
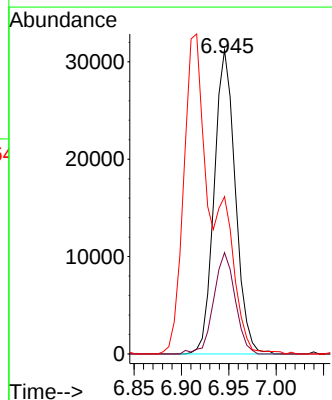
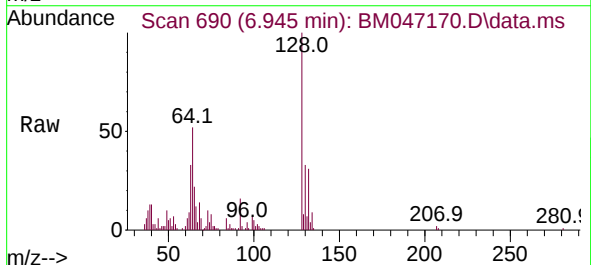
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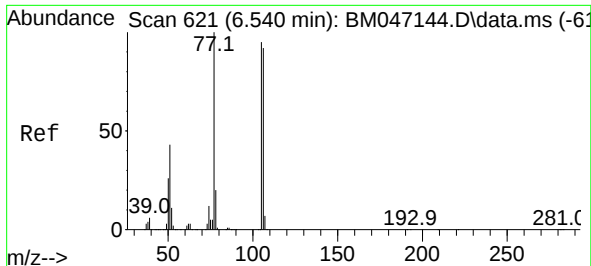
Tgt Ion: 99 Resp: 1777709
Ion Ratio Lower Upper
99 100
42 18.7 14.1 21.1
71 38.1 28.5 42.7



#8
2-Chlorophenol
Concen: 4.353 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion: 128 Resp: 48496
Ion Ratio Lower Upper
128 100
130 33.3 12.1 52.1
64 51.7 26.6 66.6

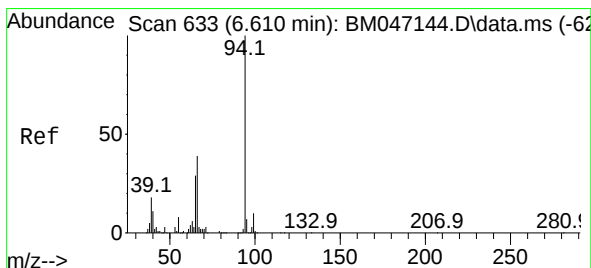
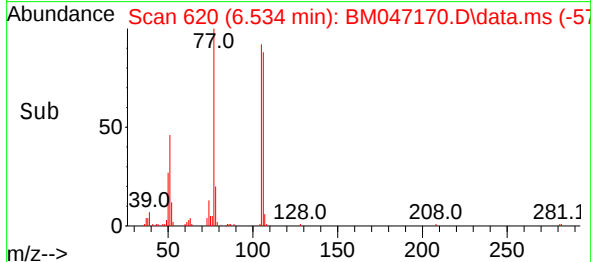
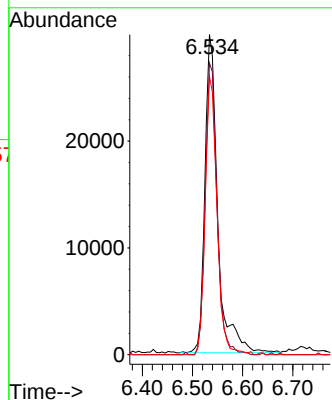
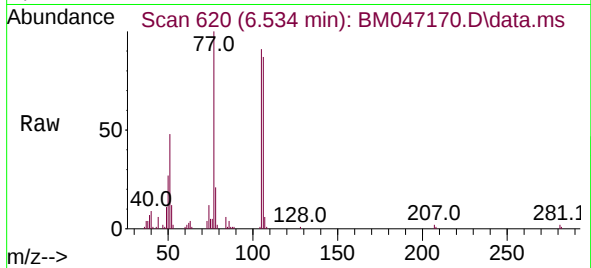




#9
Benzaldehyde
Concen: 4.904 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
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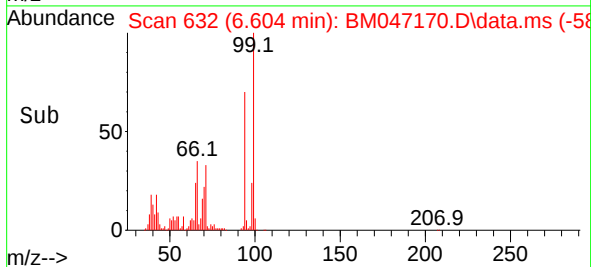
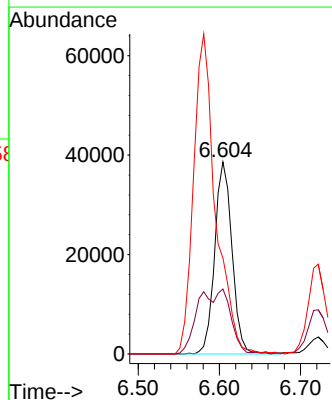
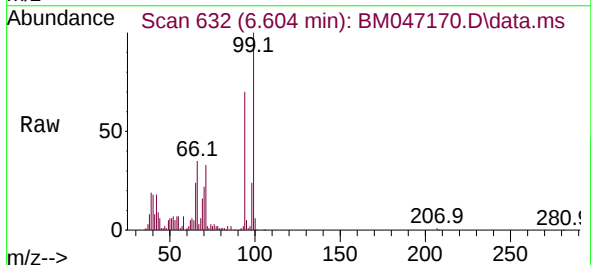
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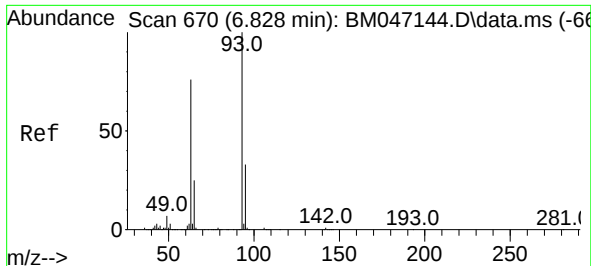
Tgt Ion: 77 Resp: 53094
Ion Ratio Lower Upper
77 100
105 91.1 74.5 114.5
106 87.0 72.3 112.3



#10
Phenol
Concen: 4.093 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047170.D
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Tgt Ion: 94 Resp: 57477
Ion Ratio Lower Upper
94 100
65 33.8 9.0 49.0
66 50.0 18.9 58.9

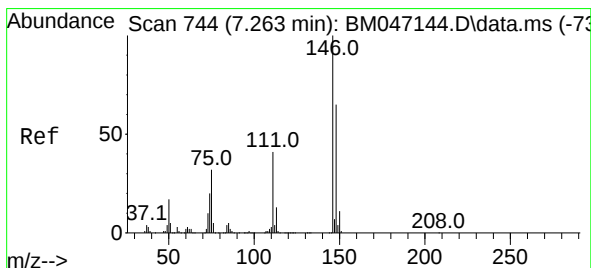
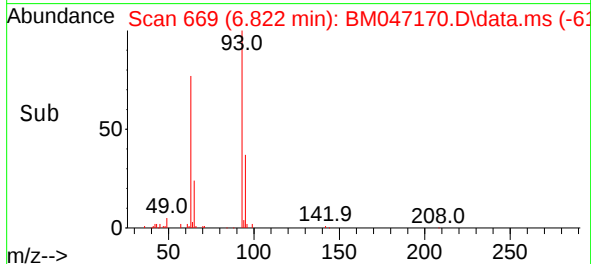
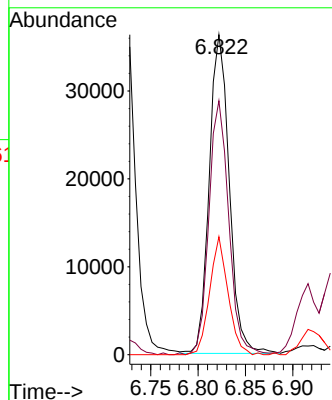
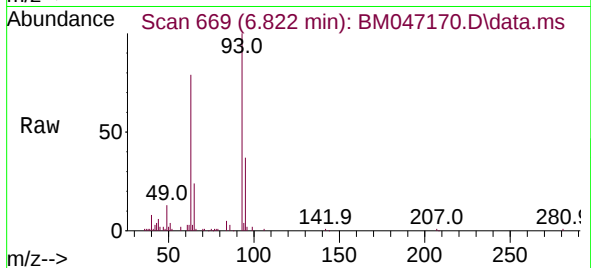




#11
bis(2-Chloroethyl)ether
Concen: 4.425 ng
RT: 6.822 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

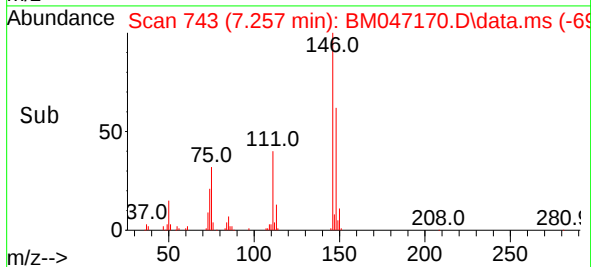
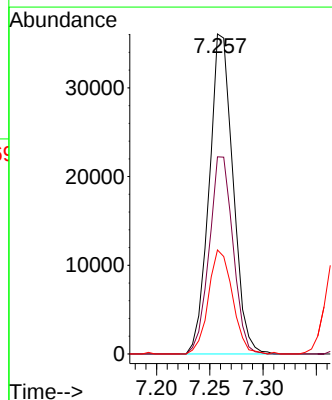
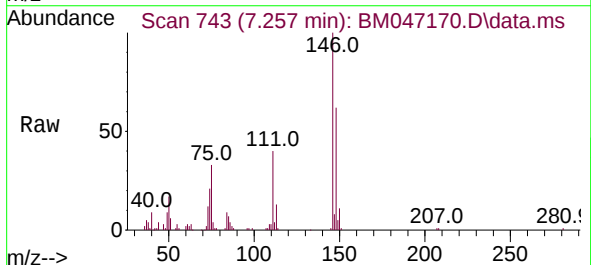
Instrument :
BNA_M
ClientSampleId :

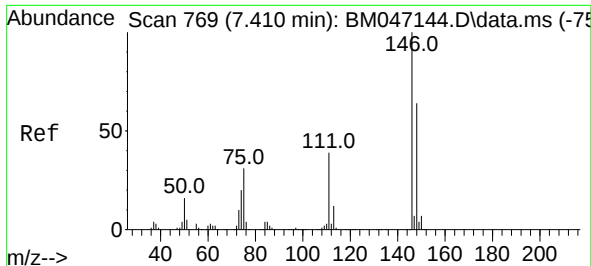
Tgt Ion: 93 Resp: 53216
Ion Ratio Lower Upper
93 100
63 79.3 55.8 95.8
95 36.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 4.245 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion:146 Resp: 56194
Ion Ratio Lower Upper
146 100
148 61.6 52.3 78.5
75 32.5 25.8 38.6

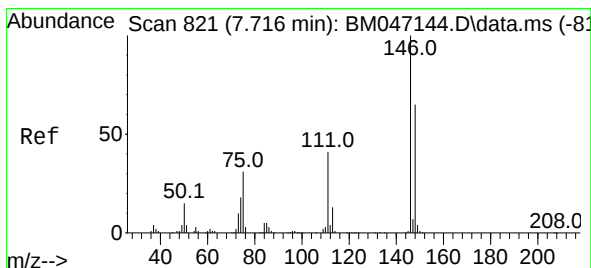
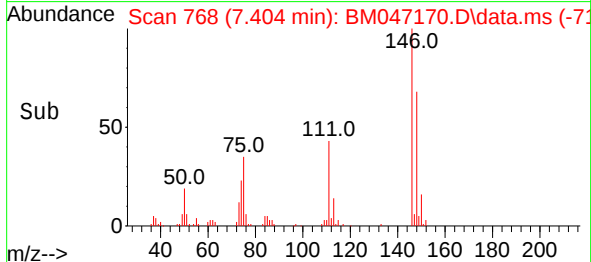
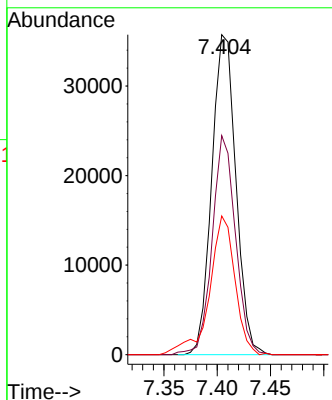
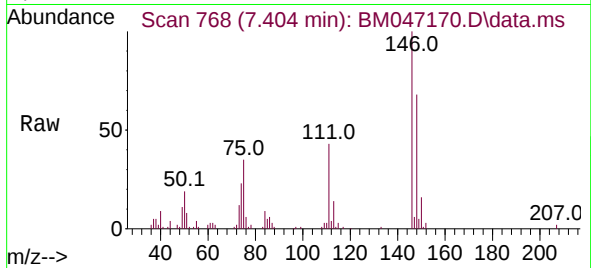




#13
1,4-Dichlorobenzene
Concen: 4.205 ng
RT: 7.404 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

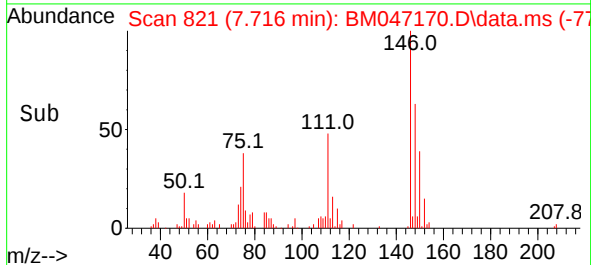
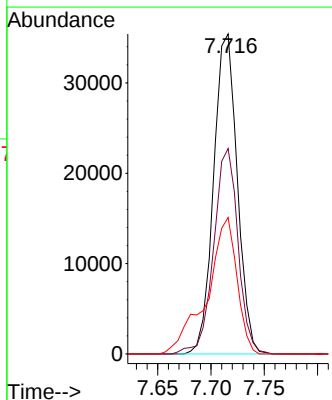
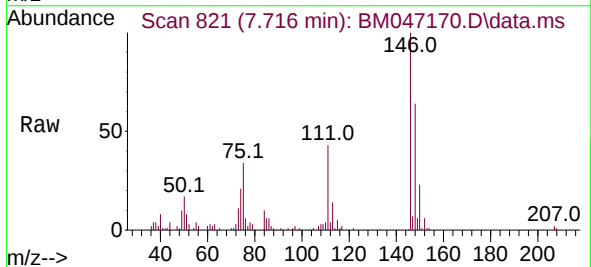
Instrument :
BNA_M
ClientSampleId :

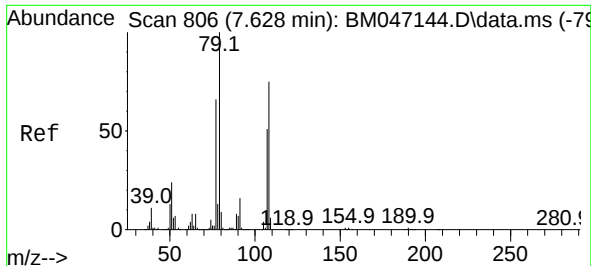
Tgt Ion:146 Resp: 56357
Ion Ratio Lower Upper
146 100
148 68.4 51.4 77.2
111 43.4 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 4.315 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.000 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion:146 Resp: 54561
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 42.7 33.3 49.9

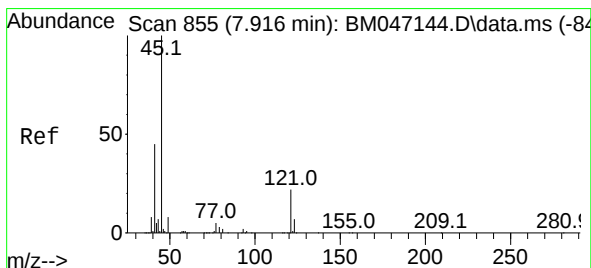
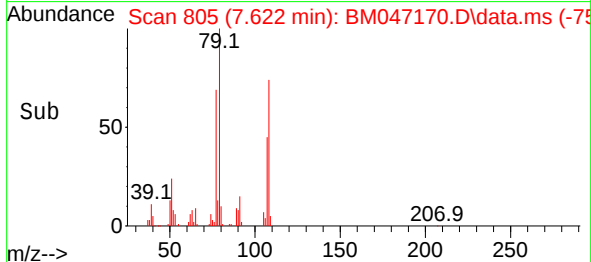
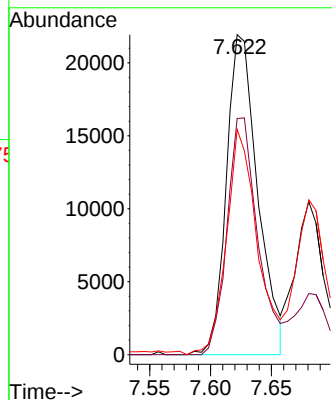
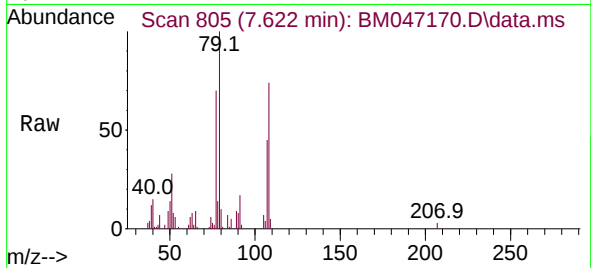




#15
Benzyl Alcohol
Concen: 3.917 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

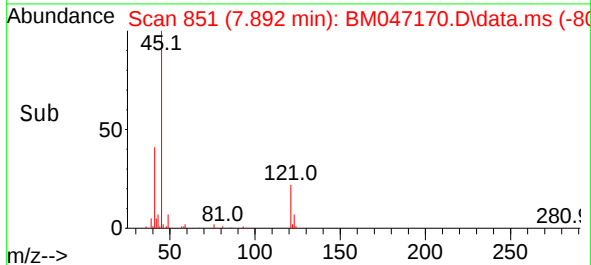
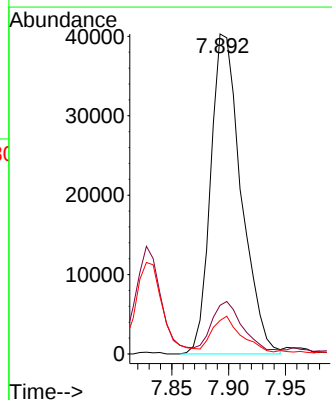
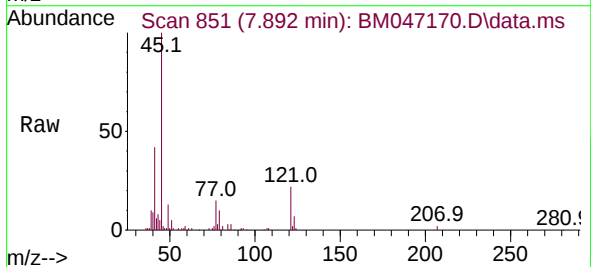
Instrument :
BNA_M
ClientSampleId :

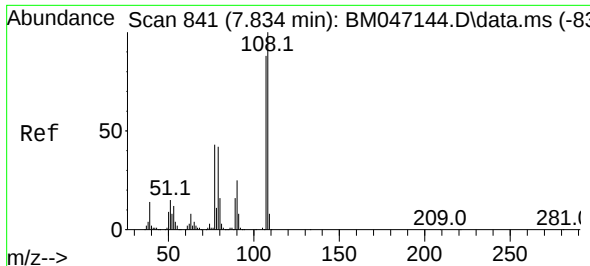
Tgt Ion: 79 Resp: 39231
Ion Ratio Lower Upper
79 100
108 73.8 59.7 89.5
77 70.4 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.888 ng
RT: 7.892 min Scan# 851
Delta R.T. -0.024 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

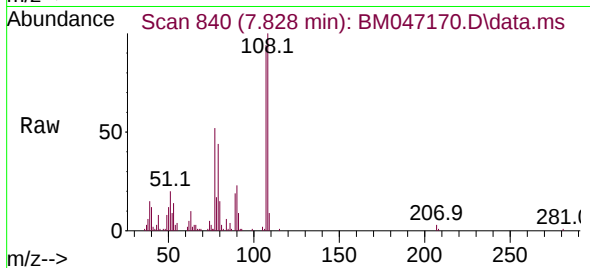
Tgt Ion: 45 Resp: 75425
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.6
79 10.4 0.0 32.4



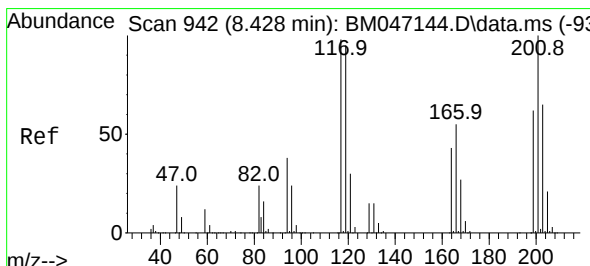
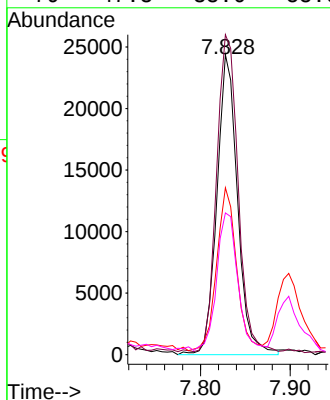
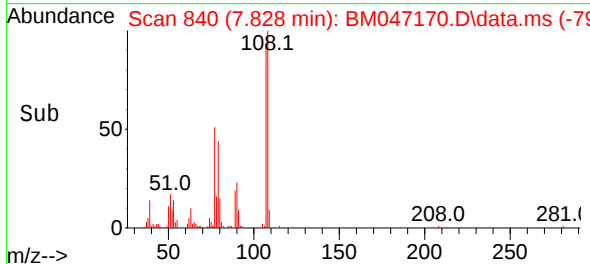


#17
2-Methylphenol
Concen: 4.156 ng
RT: 7.828 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Instrument :
BNA_M
ClientSampleId :

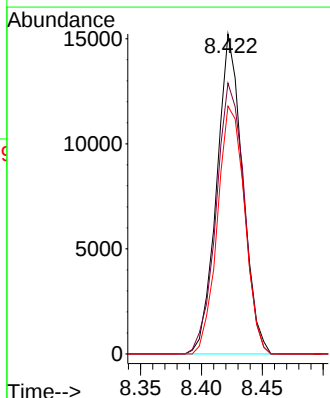
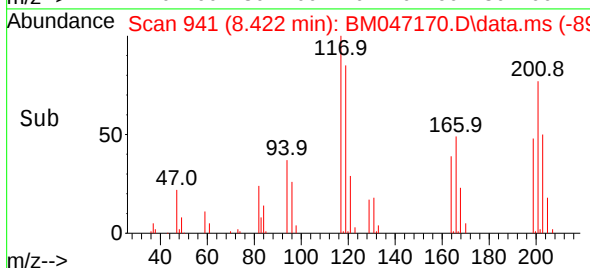
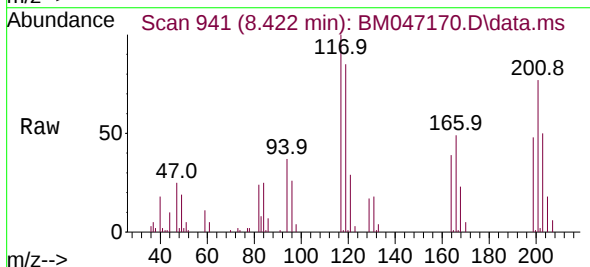


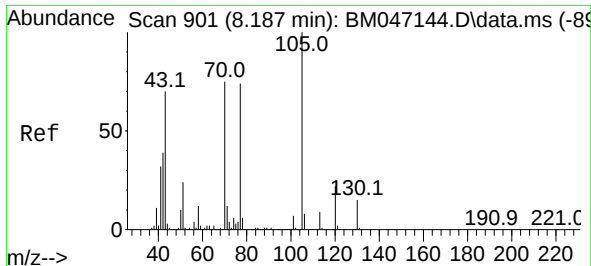
Tgt Ion:	107	Resp:	38936
Ion	Ratio	Lower	Upper
107	100		
108	106.7	90.6	135.8
77	55.6	39.3	58.9
79	47.3	38.6	58.0



#18
Hexachloroethane
Concen: 4.344 ng
RT: 8.422 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion:	117	Resp:	22552
Ion	Ratio	Lower	Upper
117	100		
119	84.7	77.0	115.4
201	79.0	81.3	121.9#

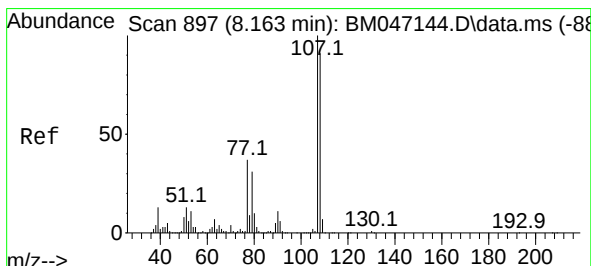
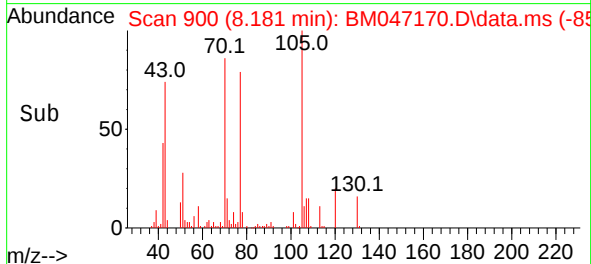
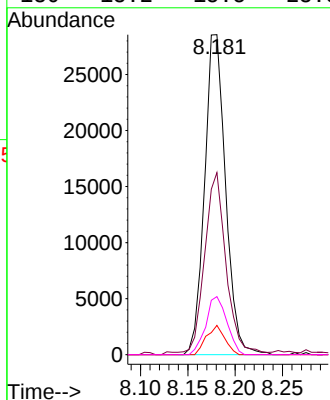
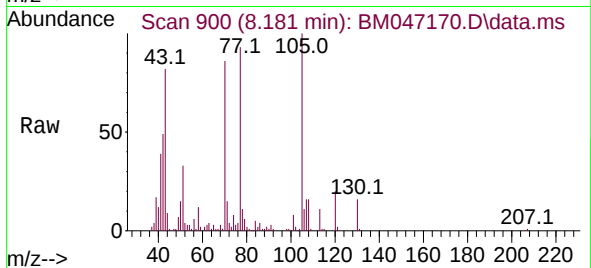




#19
n-Nitroso-di-n-propylamine
Concen: 4.658 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

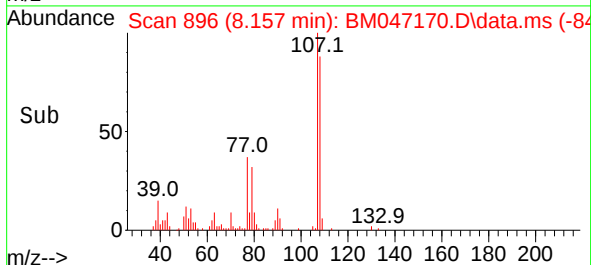
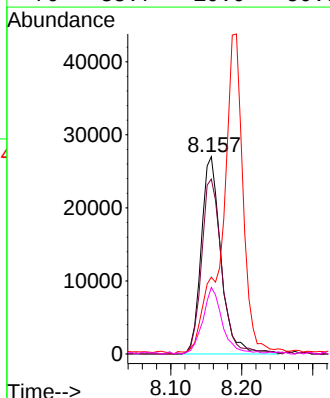
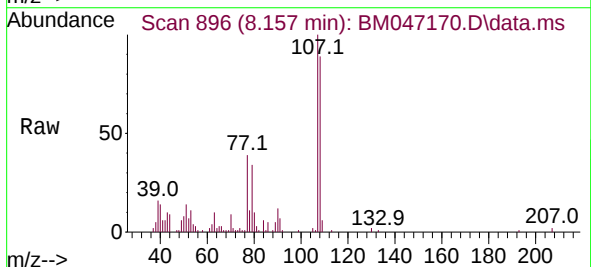
Instrument :
BNA_M
ClientSampleId :

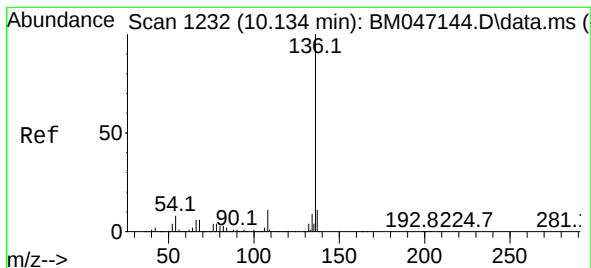
Tgt Ion:	70	Resp:	44155
Ion Ratio	Lower	Upper	
70	100		
42	56.9	42.0	63.0
101	9.2	7.2	10.8
130	18.2	15.5	23.3



#20
3+4-Methylphenols
Concen: 3.975 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion:	107	Resp:	52060
Ion Ratio	Lower	Upper	
107	100		
108	88.7	70.7	110.7
77	38.9	17.4	57.4
79	33.7	10.9	50.9

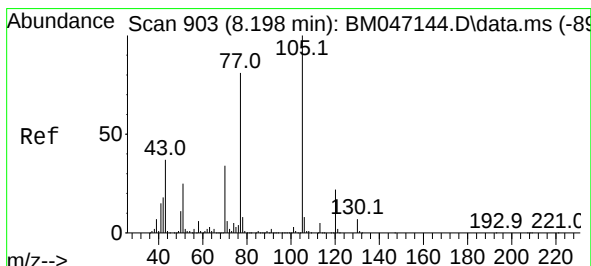
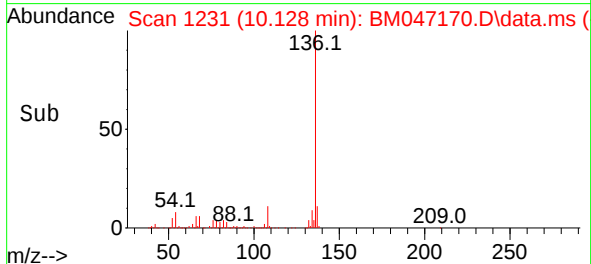
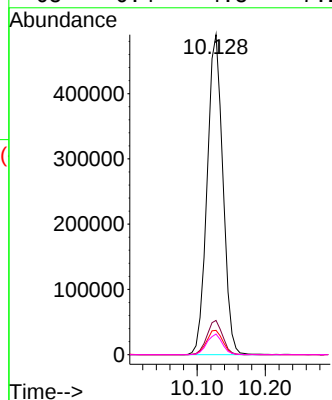
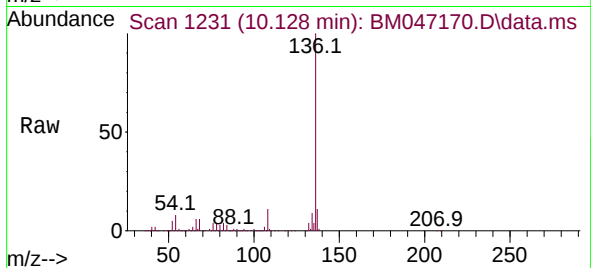




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

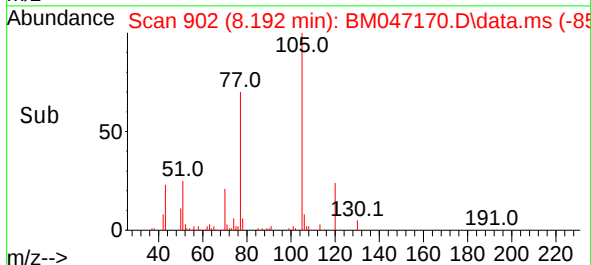
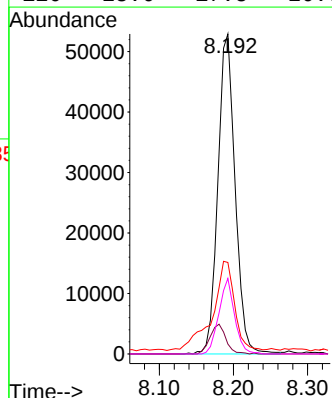
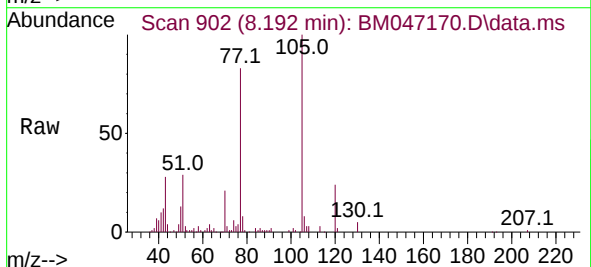
Instrument :
BNA_M
ClientSampleId :

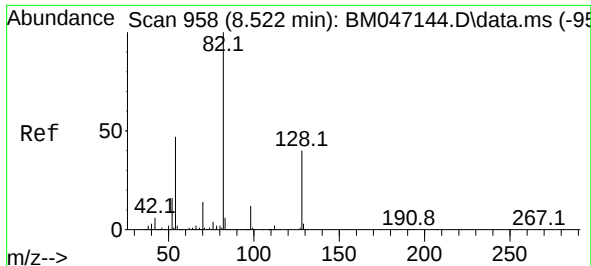
Tgt Ion:136 Resp: 787140
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 6.0 9.0
68 6.4 4.8 7.2



#22
Acetophenone
Concen: 4.498 ng
RT: 8.192 min Scan# 902
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion:105 Resp: 85472
Ion Ratio Lower Upper
105 100
71 3.1 4.5 6.7#
51 28.6 20.1 30.1
120 23.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 86.497 ng

RT: 8.516 min Scan# 957

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

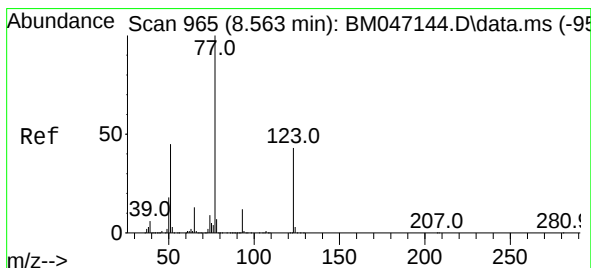
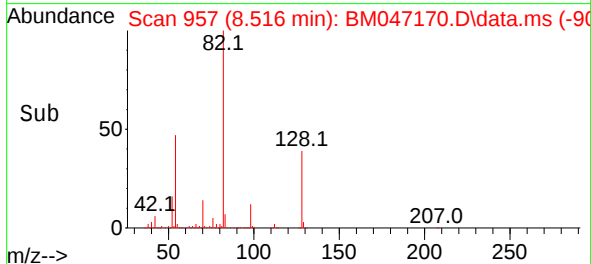
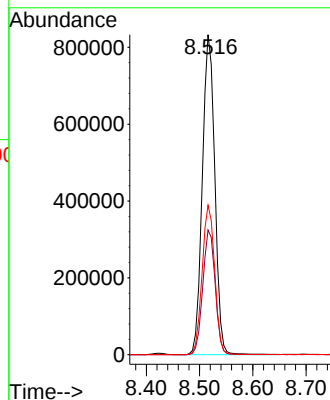
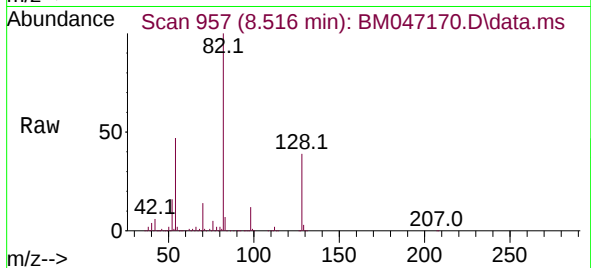
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 82 Resp: 1352145

Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.3	48.5
54	46.7	37.4	56.2



#24

Nitrobenzene

Concen: 4.198 ng

RT: 8.557 min Scan# 964

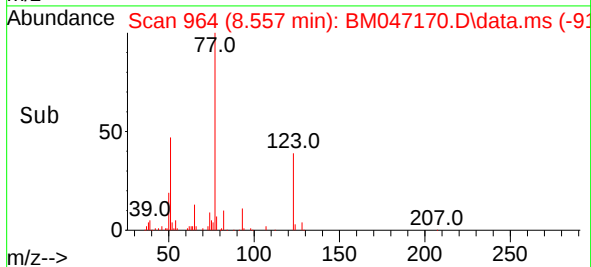
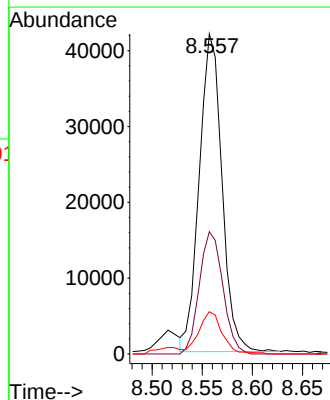
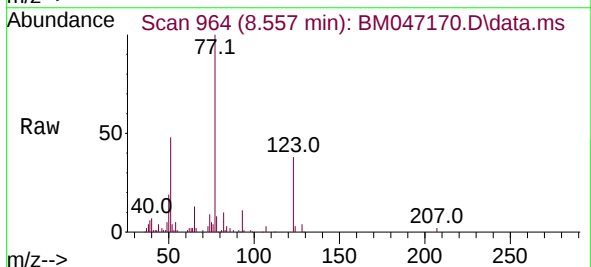
Delta R.T. -0.006 min

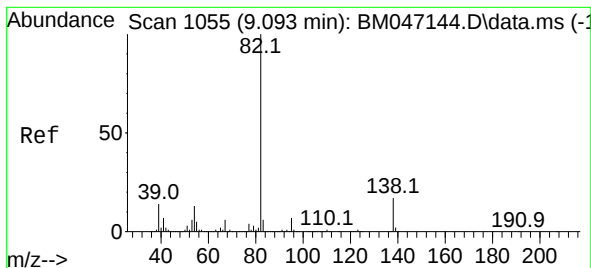
Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Tgt Ion: 77 Resp: 66074

Ion	Ratio	Lower	Upper
77	100		
123	38.2	34.0	51.0
65	13.2	10.5	15.7





#25

Isophorone

Concen: 4.063 ng

RT: 9.086 min Scan# 1105

Delta R.T. -0.006 min

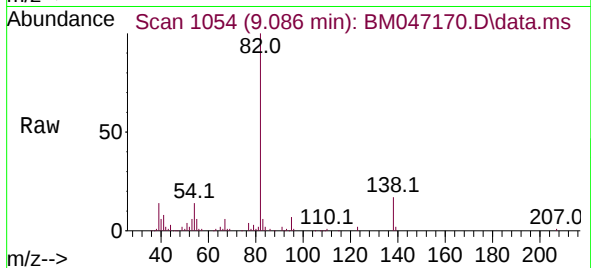
Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :



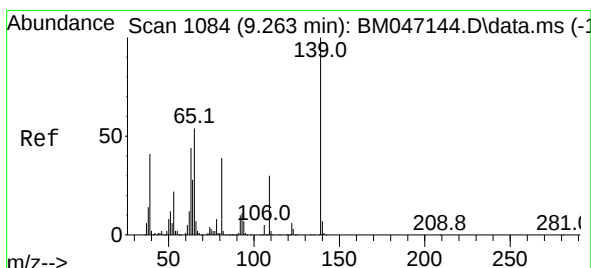
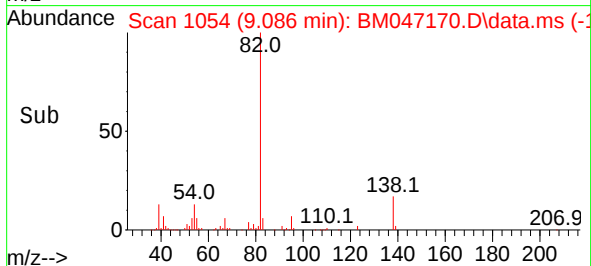
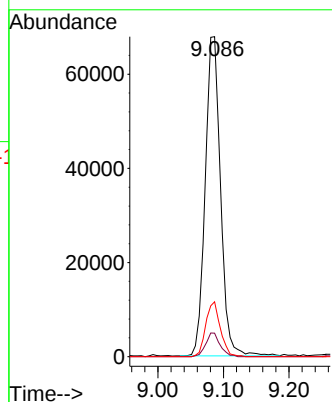
Tgt Ion: 82 Resp: 110590

Ion Ratio Lower Upper

82 100

95 7.4 5.5 8.3

138 17.2 13.5 20.3



#26

2-Nitrophenol

Concen: 3.118 ng

RT: 9.263 min Scan# 1084

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

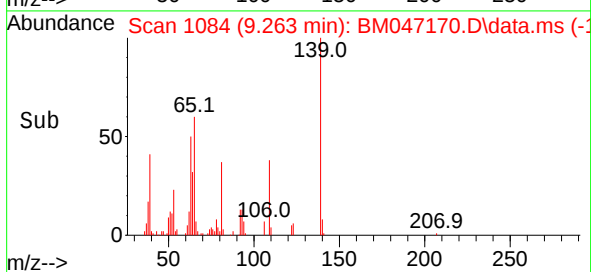
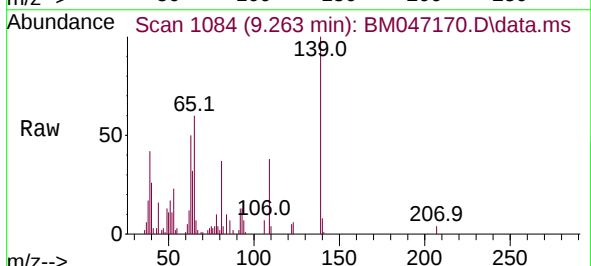
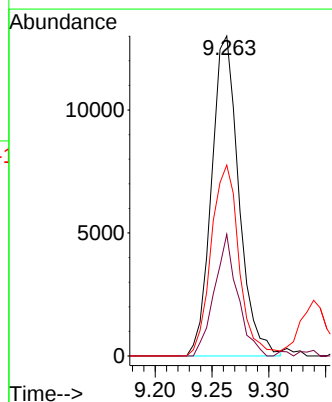
Tgt Ion:139 Resp: 21737

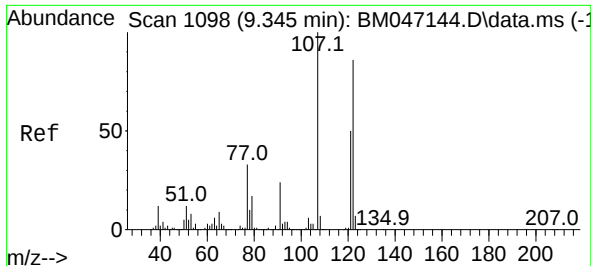
Ion Ratio Lower Upper

139 100

109 38.0 24.4 36.6#

65 59.7 43.0 64.6

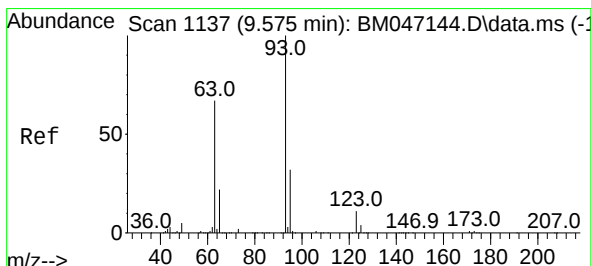
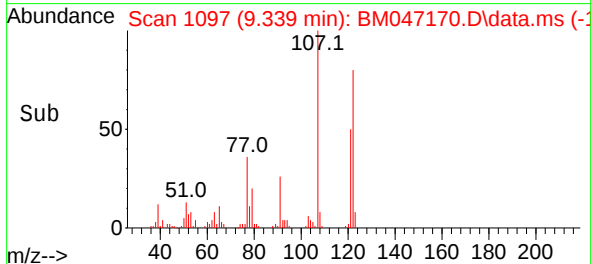
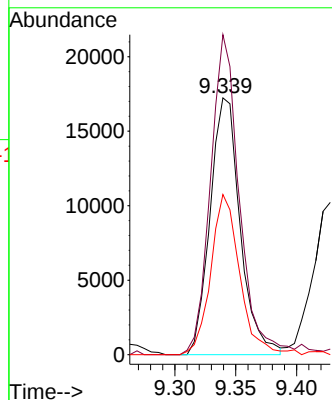
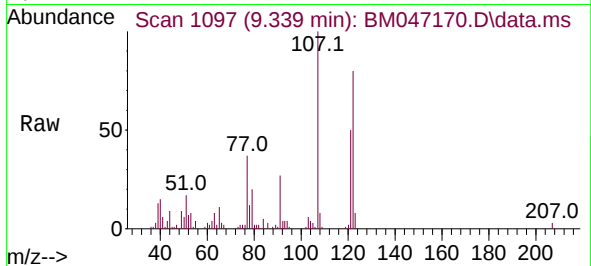




#27
2,4-Dimethylphenol
Concen: 3.628 ng
RT: 9.339 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

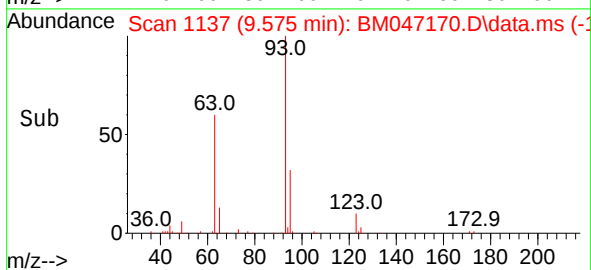
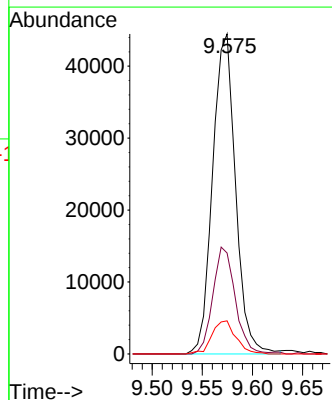
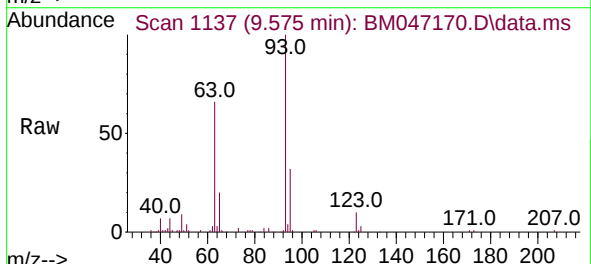
Instrument :
BNA_M
ClientSampleId :

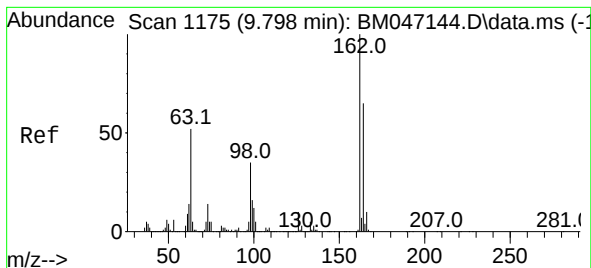
Tgt Ion:122 Resp: 29623
Ion Ratio Lower Upper
122 100
107 124.6 92.8 139.2
121 62.3 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 4.124 ng
RT: 9.575 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion: 93 Resp: 70635
Ion Ratio Lower Upper
93 100
95 31.5 25.8 38.8
123 10.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 3.443 ng

RT: 9.798 min Scan# 1175

Delta R.T. -0.000 min

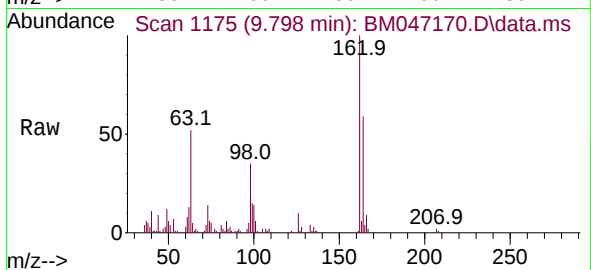
Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :



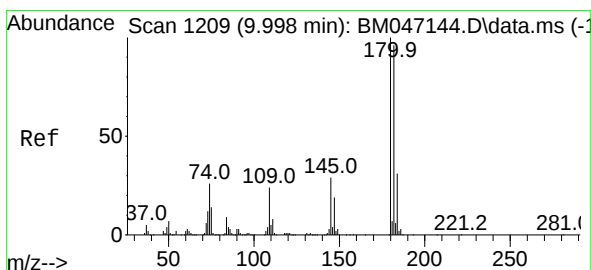
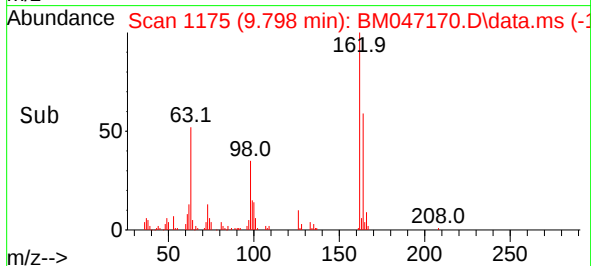
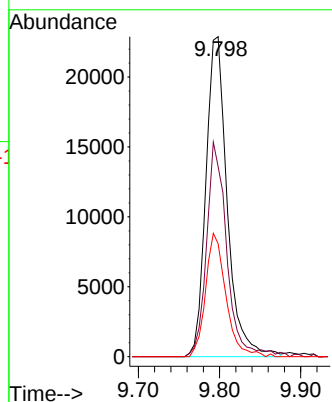
Tgt Ion:162 Resp: 41719

Ion Ratio Lower Upper

162 100

164 59.4 44.7 84.7

98 35.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 3.730 ng

RT: 9.998 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

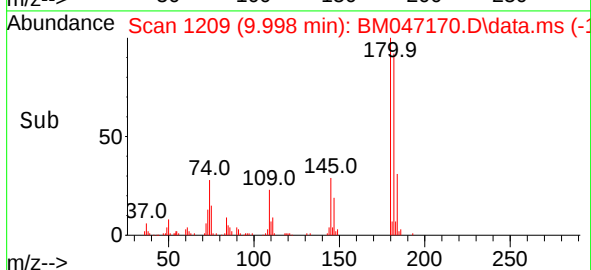
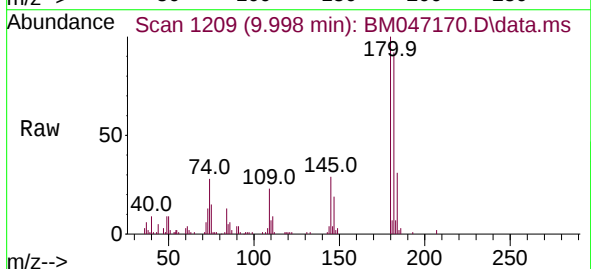
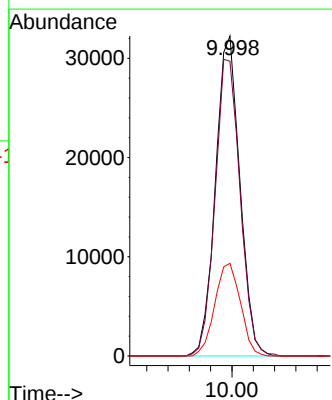
Tgt Ion:180 Resp: 51151

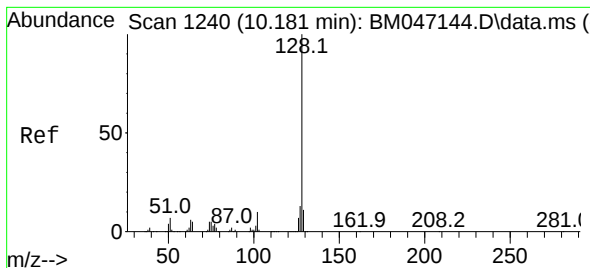
Ion Ratio Lower Upper

180 100

182 92.1 76.6 115.0

145 28.9 23.4 35.2





#31

Naphthalene

Concen: 4.238 ng

RT: 10.175 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

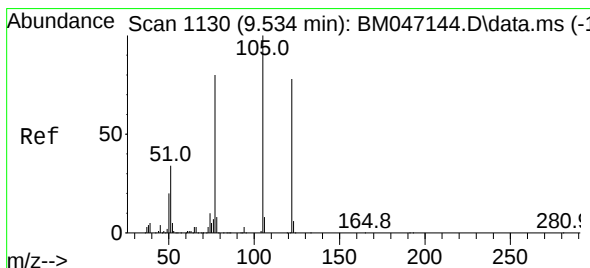
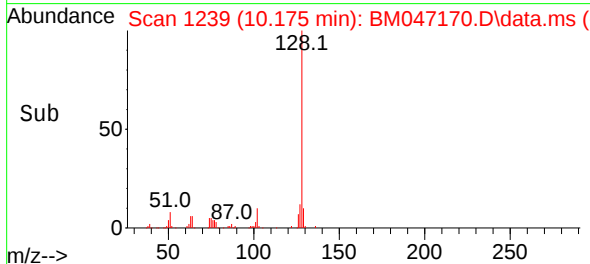
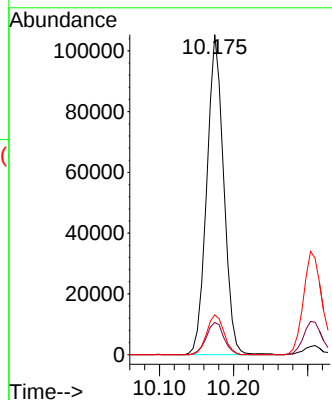
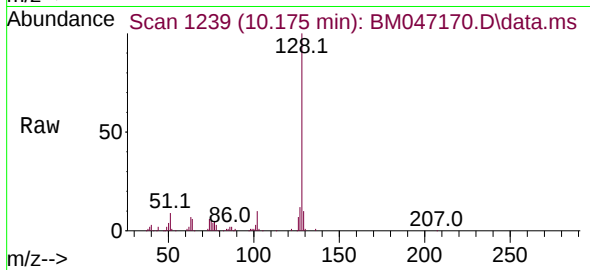
Tgt Ion:128 Resp: 166201

Ion Ratio Lower Upper

128 100

129 10.1 8.6 13.0

127 12.4 10.2 15.4



#32

Benzoic acid

Concen: 2.204 ng

RT: 9.428 min Scan# 1112

Delta R.T. -0.106 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

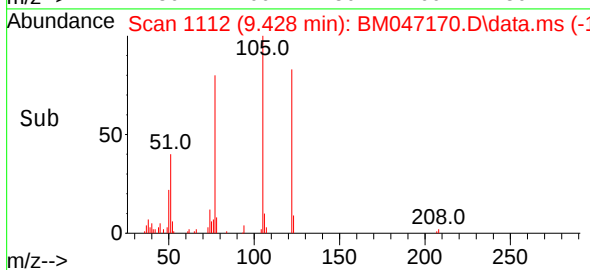
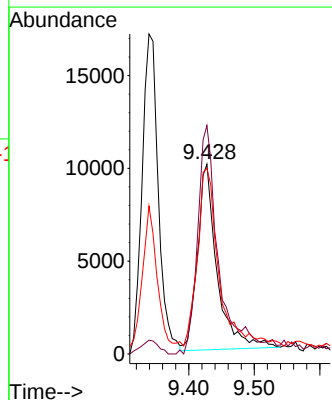
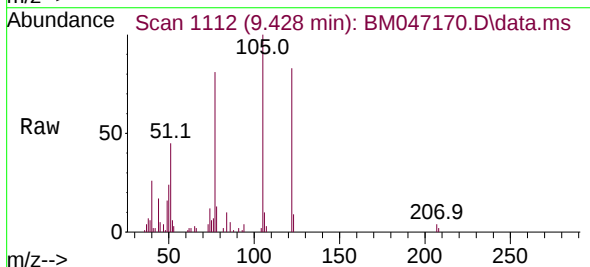
Tgt Ion:122 Resp: 20908

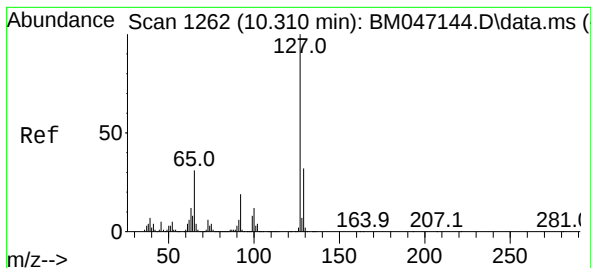
Ion Ratio Lower Upper

122 100

105 120.4 107.1 147.1

77 98.0 82.1 122.1





#33

4-Chloroaniline

Concen: 4.126 ng

RT: 10.304 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:127 Resp: 62217

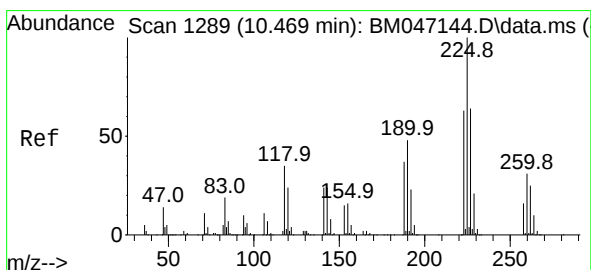
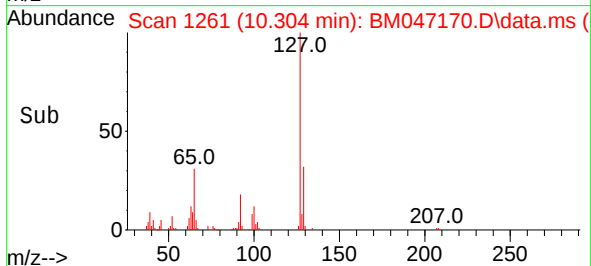
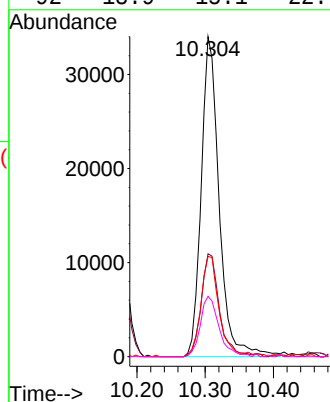
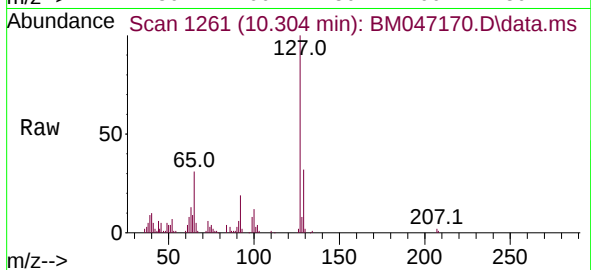
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 31.3 24.9 37.3

92 18.9 15.1 22.7



#34

Hexachlorobutadiene

Concen: 3.394 ng

RT: 10.463 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

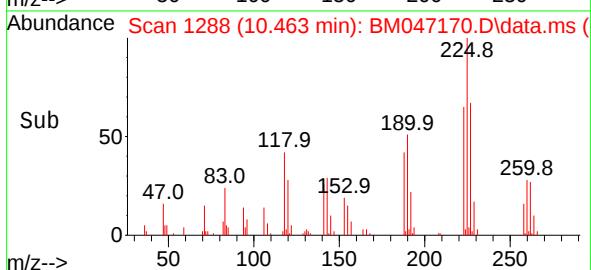
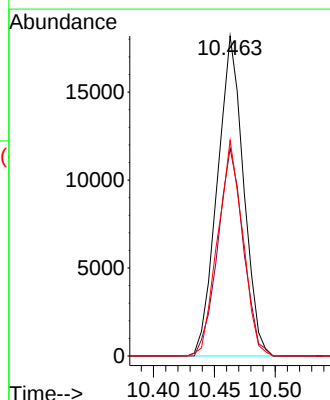
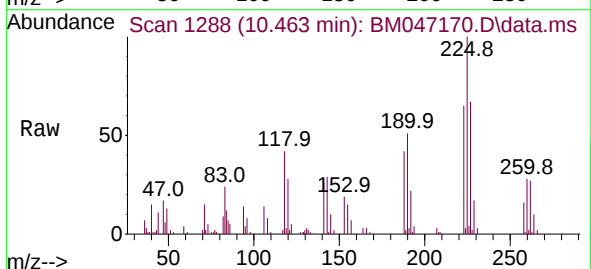
Tgt Ion:225 Resp: 27240

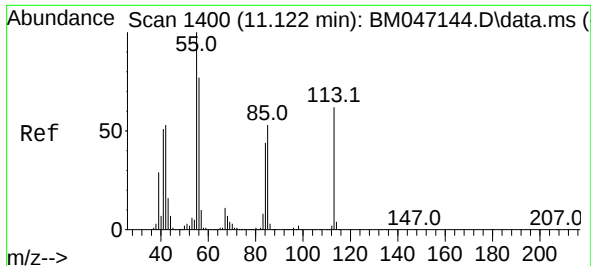
Ion Ratio Lower Upper

225 100

223 64.9 50.2 75.2

227 69.4 51.4 77.0





#35

Caprolactam

Concen: 3.191 ng

RT: 11.086 min Scan# 1400

Delta R.T. -0.035 min

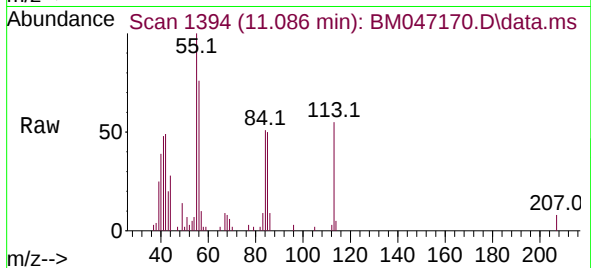
Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :



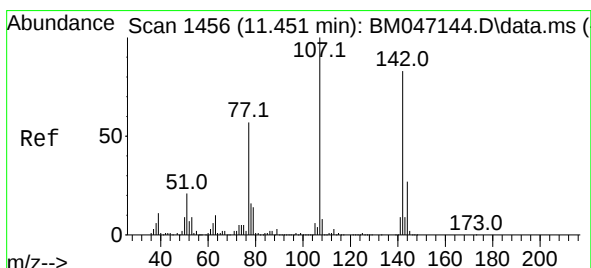
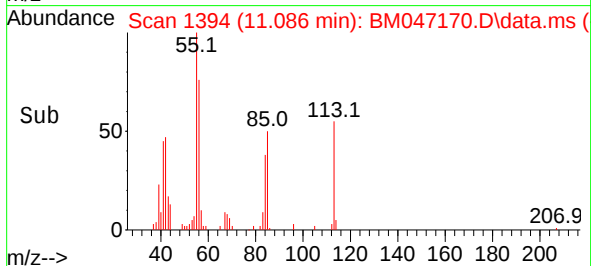
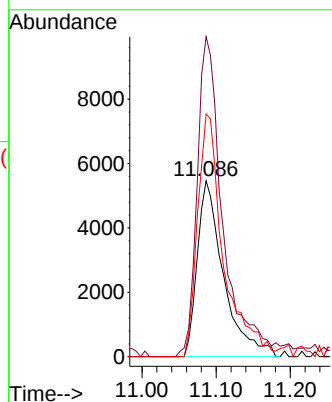
Tgt Ion:113 Resp: 13428

Ion Ratio Lower Upper

113 100

55 181.9 140.5 180.5#

56 138.0 103.6 143.6



#36

4-Chloro-3-methylphenol

Concen: 3.562 ng

RT: 11.445 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

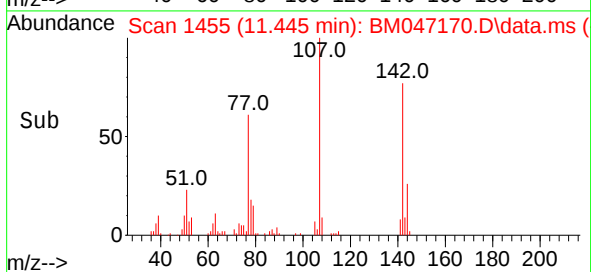
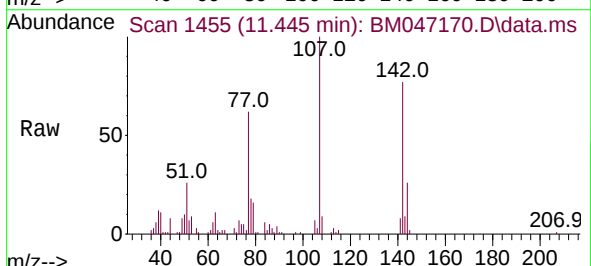
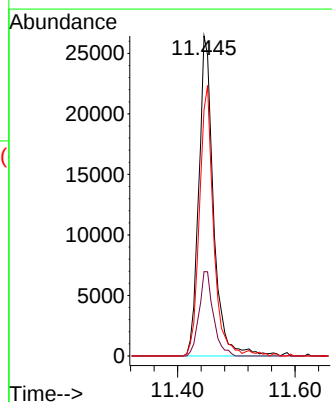
Tgt Ion:107 Resp: 45957

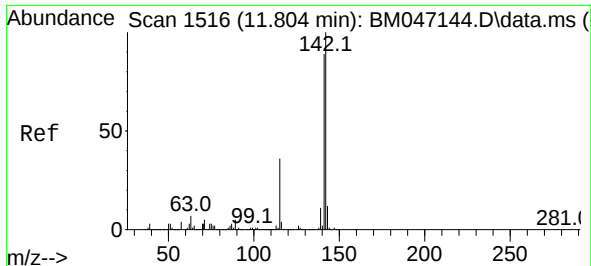
Ion Ratio Lower Upper

107 100

144 26.3 21.8 32.6

142 77.0 66.8 100.2

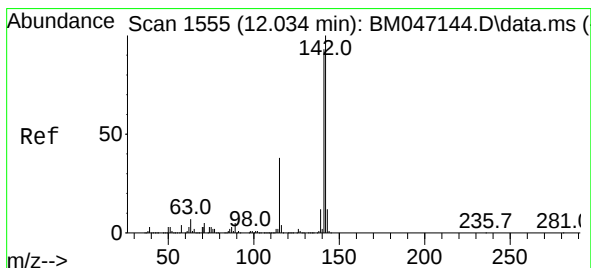
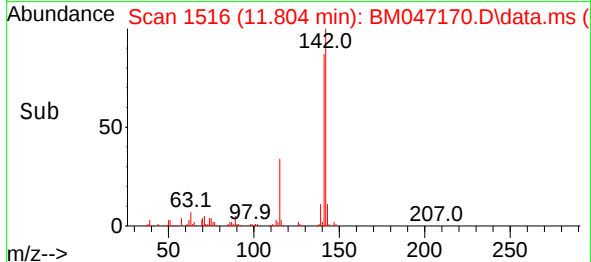
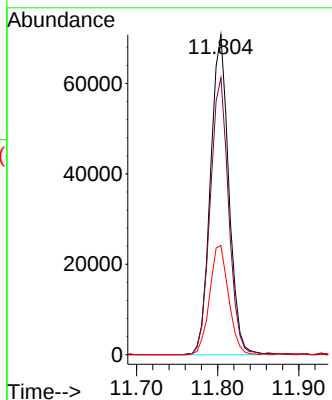
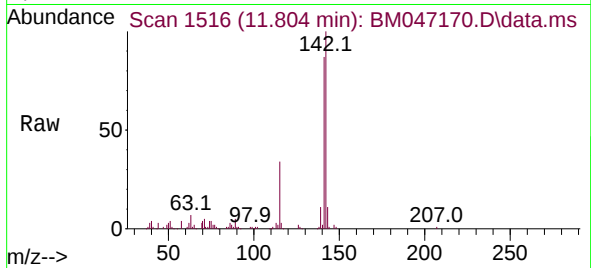




#37
2-Methylnaphthalene
Concen: 3.976 ng
RT: 11.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

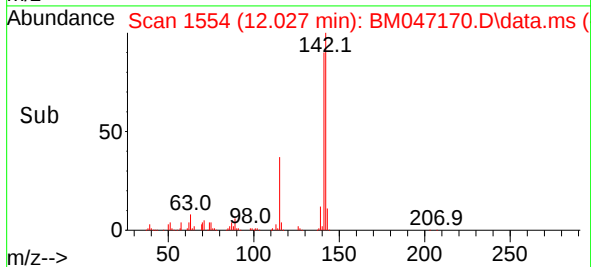
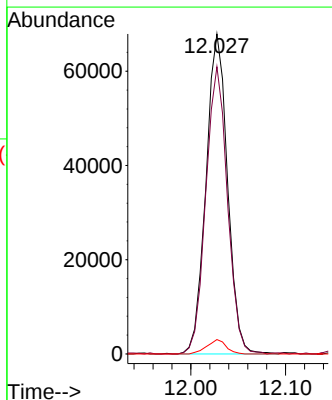
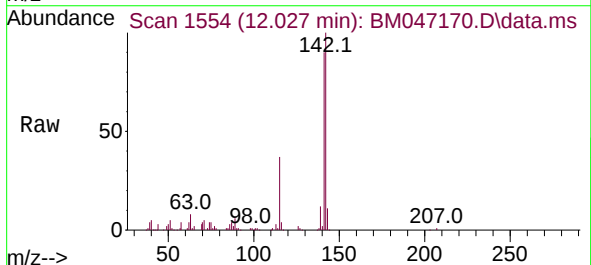
Instrument :
BNA_M
ClientSampleId :

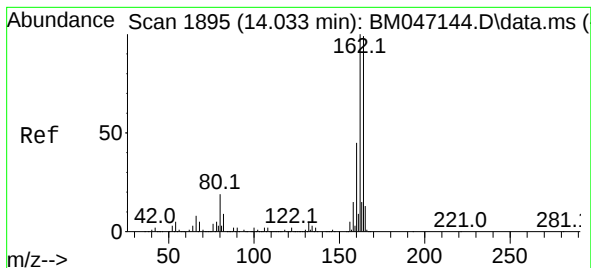
Tgt Ion:142 Resp: 111009
Ion Ratio Lower Upper
142 100
141 86.6 70.9 106.3
115 34.1 28.7 43.1



#38
1-Methylnaphthalene
Concen: 3.885 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion:142 Resp: 107209
Ion Ratio Lower Upper
142 100
141 89.7 74.6 111.8
116 4.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

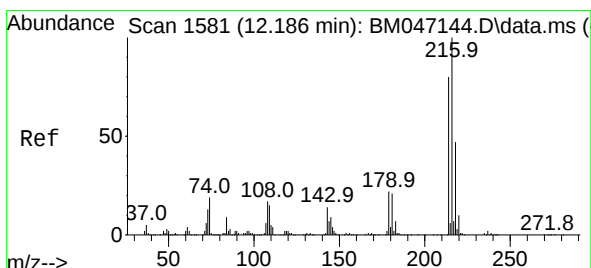
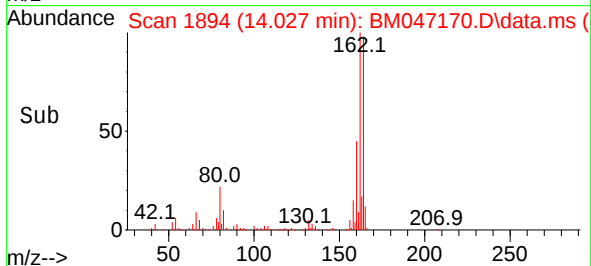
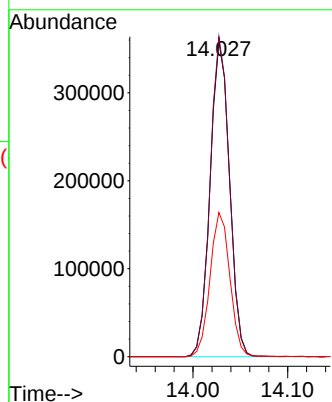
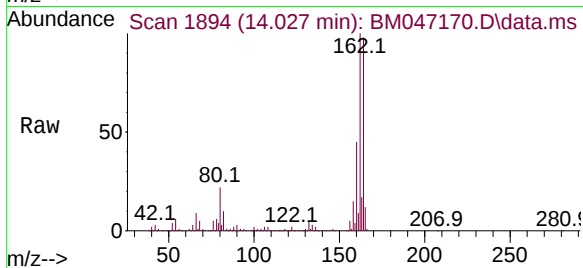
Tgt Ion:164 Resp: 510539

Ion Ratio Lower Upper

164 100

162 101.6 80.7 121.1

160 45.7 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.679 ng

RT: 12.180 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Tgt Ion:216 Resp: 51229

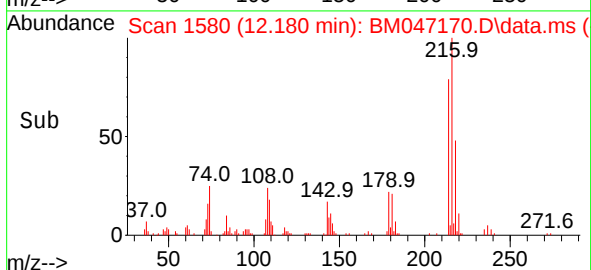
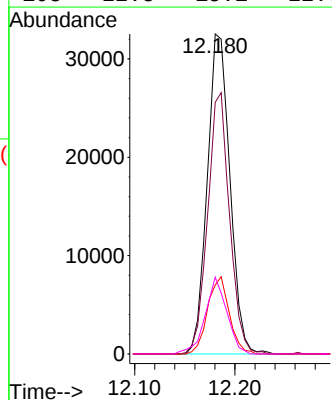
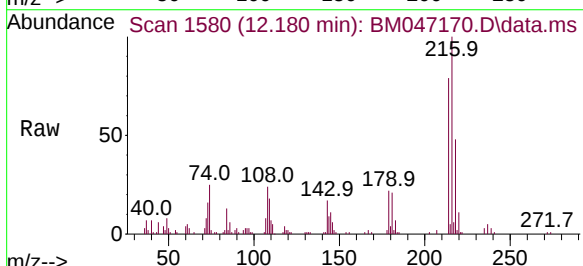
Ion Ratio Lower Upper

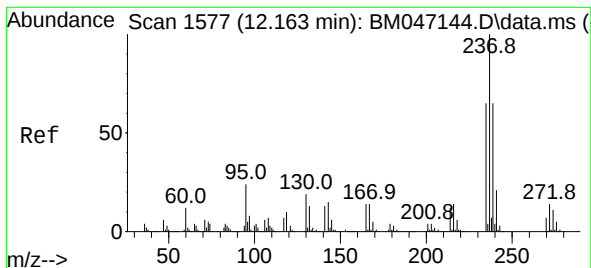
216 100

214 78.9 63.4 95.2

179 23.1 17.6 26.4

108 22.8 15.1 22.7#





#41

Hexachlorocyclopentadiene

Concen: 3.767 ng

RT: 12.163 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

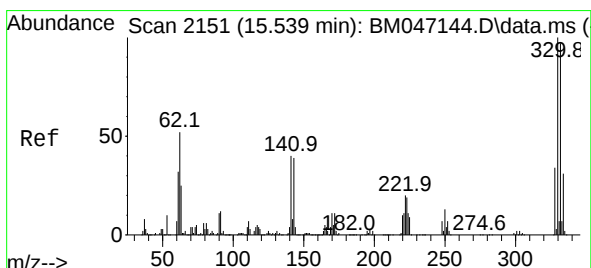
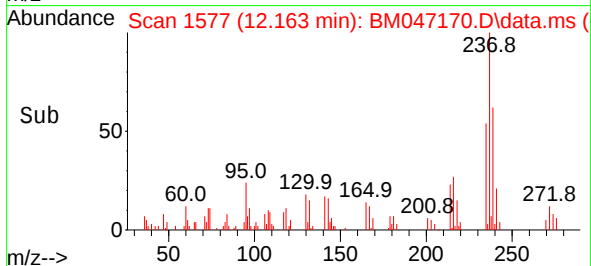
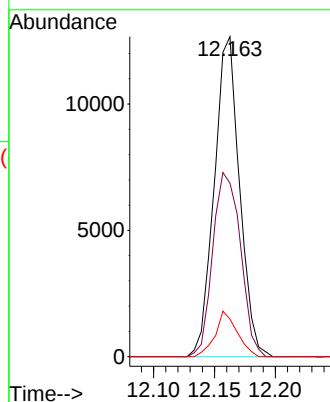
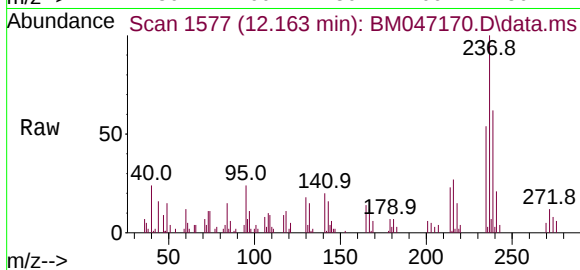
Tgt Ion:237 Resp: 18315

Ion Ratio Lower Upper

237 100

235 54.3 44.8 84.8

272 11.7 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 131.056 ng

RT: 15.539 min Scan# 2151

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

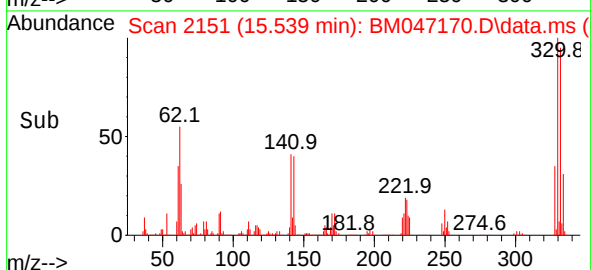
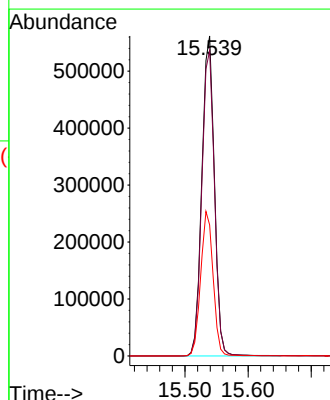
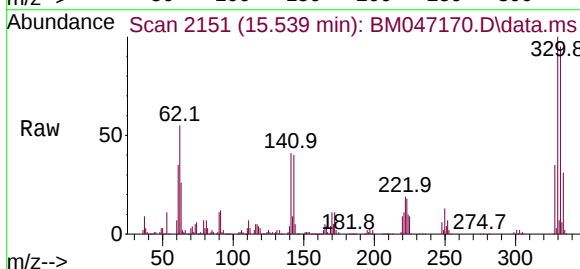
Tgt Ion:330 Resp: 775824

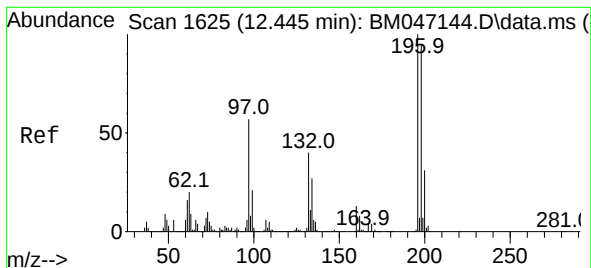
Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

141 44.8 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 3.247 ng

RT: 12.445 min Scan# 1

Delta R.T. -0.000 min

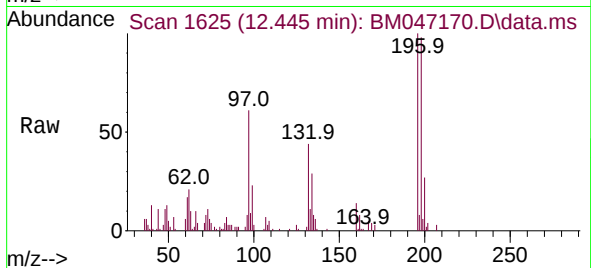
Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :



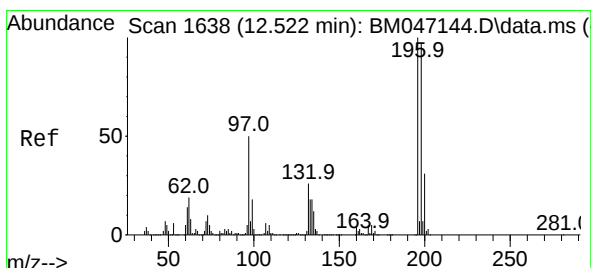
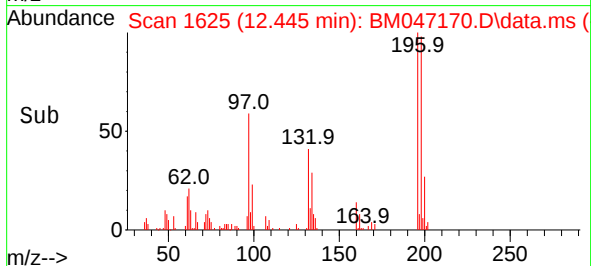
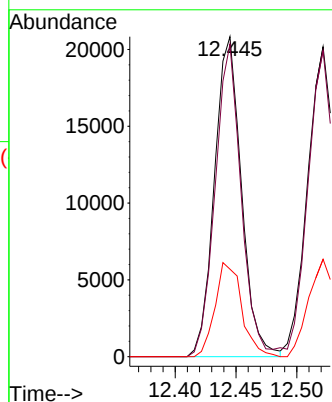
Tgt Ion:196 Resp: 32137

Ion Ratio Lower Upper

196 100

198 97.7 75.6 113.4

200 27.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 3.116 ng

RT: 12.522 min Scan# 1638

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Tgt Ion:196 Resp: 34248

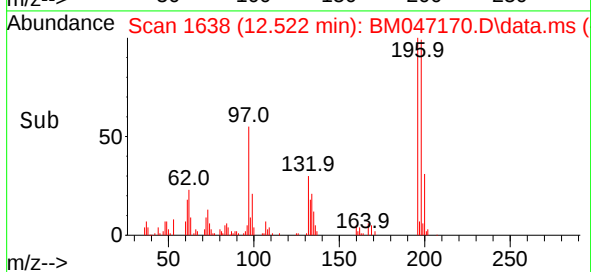
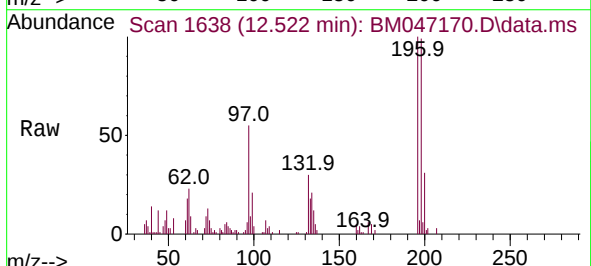
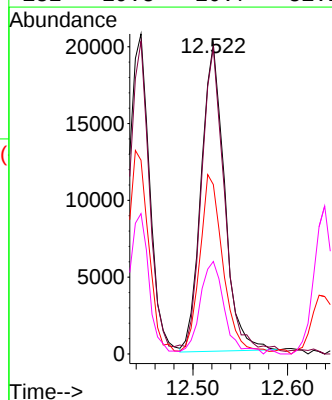
Ion Ratio Lower Upper

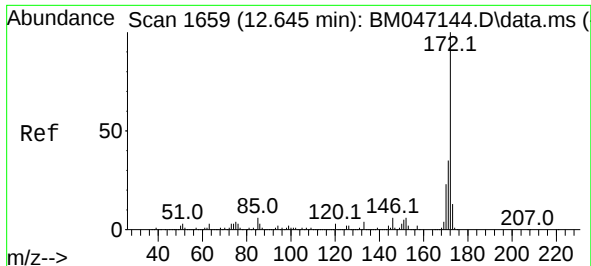
196 100

198 98.8 77.7 116.5

97 54.7 39.8 59.8

132 29.8 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 79.975 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

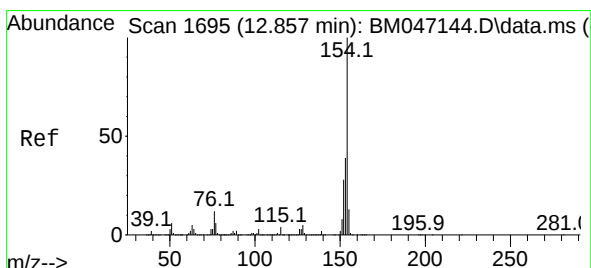
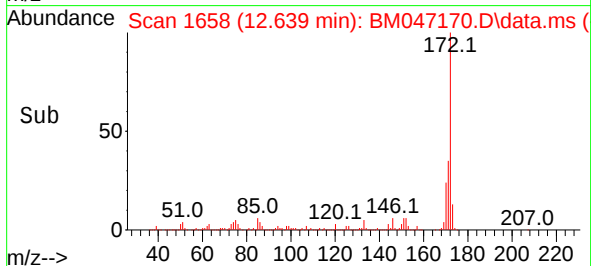
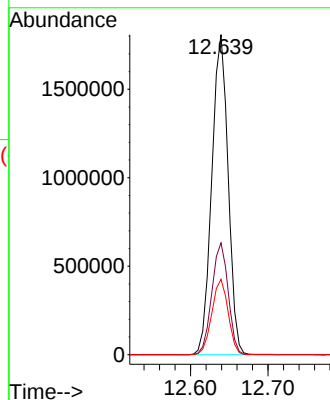
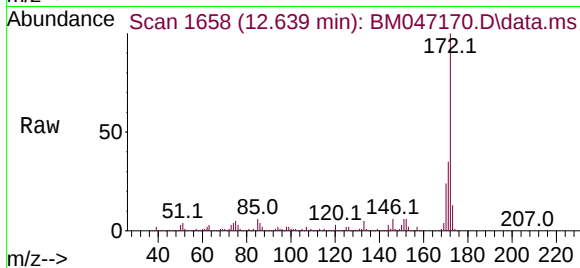
Tgt Ion:172 Resp: 2646970

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.6 18.7 28.1



#46

1,1'-Biphenyl

Concen: 4.391 ng

RT: 12.851 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

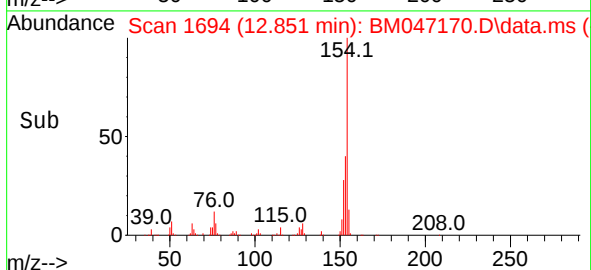
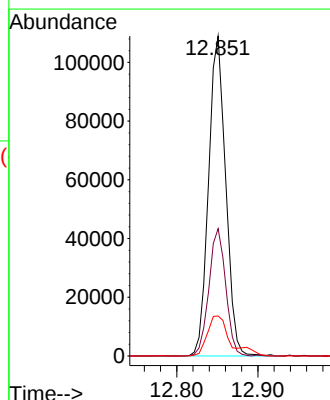
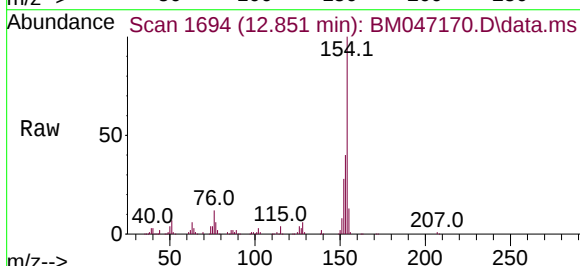
Tgt Ion:154 Resp: 159606

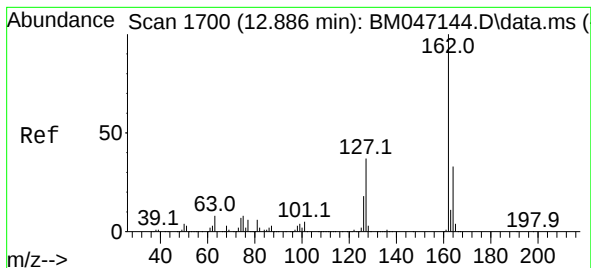
Ion Ratio Lower Upper

154 100

153 39.8 19.0 59.0

76 12.5 0.0 31.9





#47

2-Chloronaphthalene

Concen: 4.154 ng

RT: 12.886 min Scan# 1

Delta R.T. -0.000 min

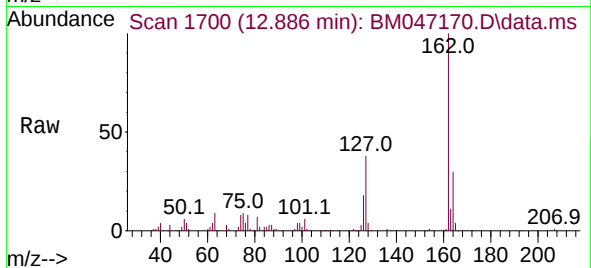
Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :



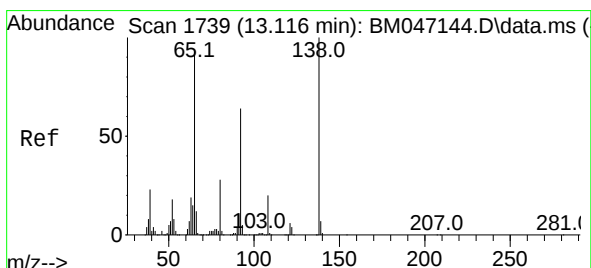
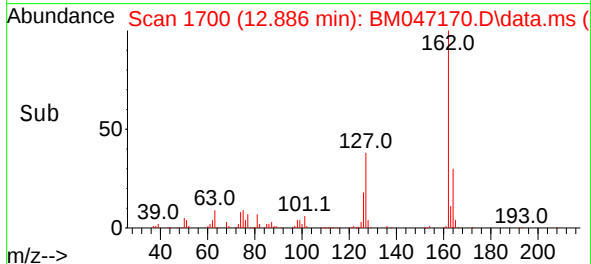
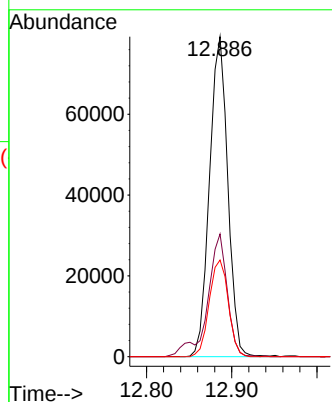
Tgt Ion:162 Resp: 118012

Ion Ratio Lower Upper

162 100

127 38.4 30.0 45.0

164 30.2 26.3 39.5



#48

2-Nitroaniline

Concen: 3.516 ng

RT: 13.110 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

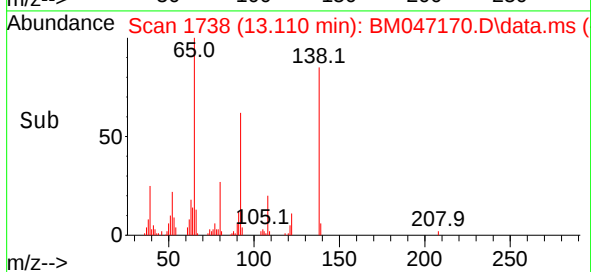
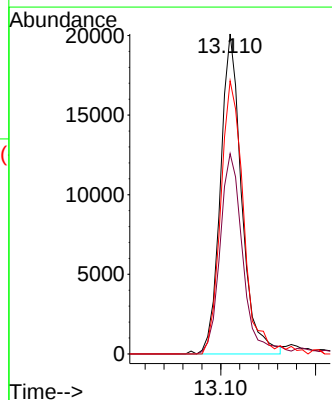
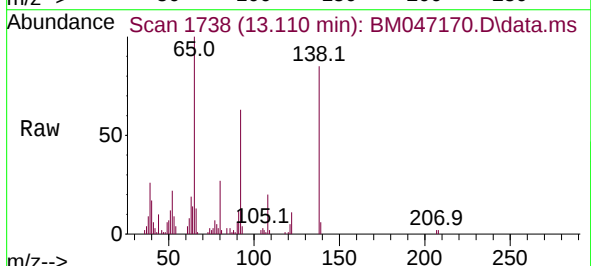
Tgt Ion: 65 Resp: 31291

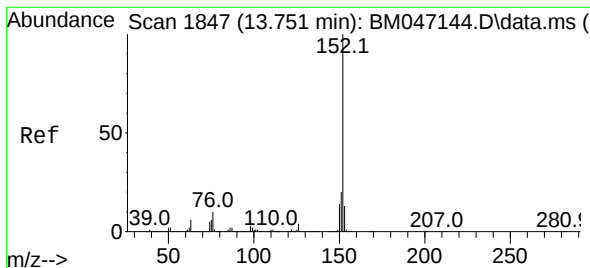
Ion Ratio Lower Upper

65 100

92 62.6 55.1 82.7

138 85.4 85.9 128.9#





#49

Acenaphthylene

Concen: 4.496 ng

RT: 13.745 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

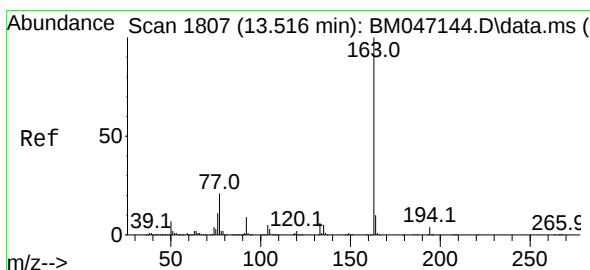
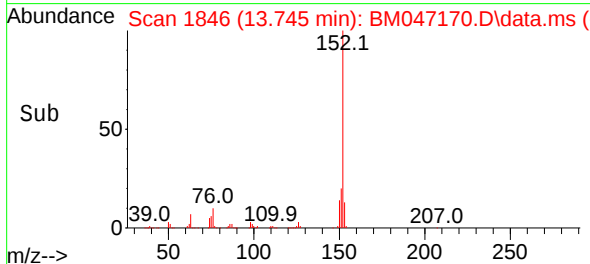
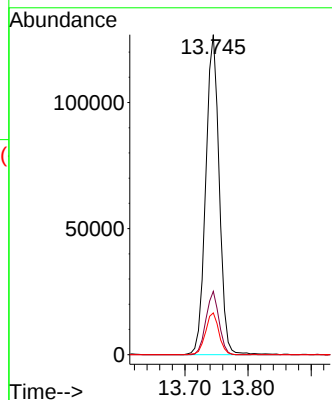
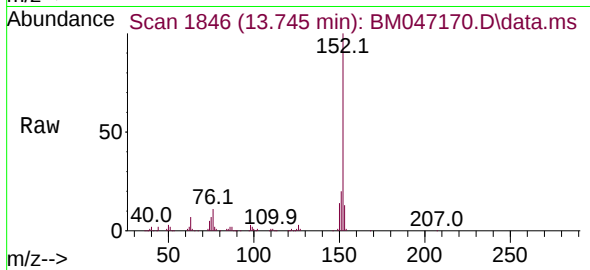
Tgt Ion:152 Resp: 188284

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 4.102 ng

RT: 13.504 min Scan# 1805

Delta R.T. -0.012 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

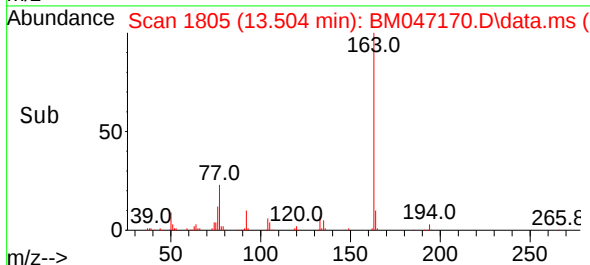
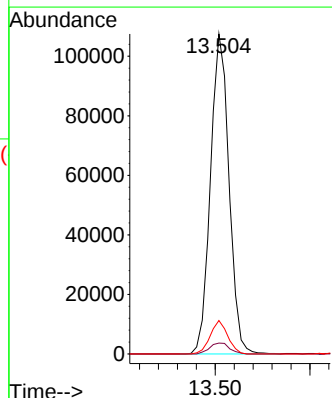
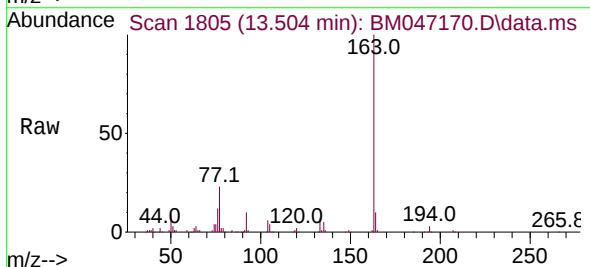
Tgt Ion:163 Resp: 146278

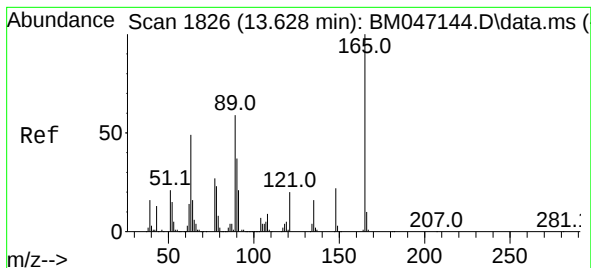
Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

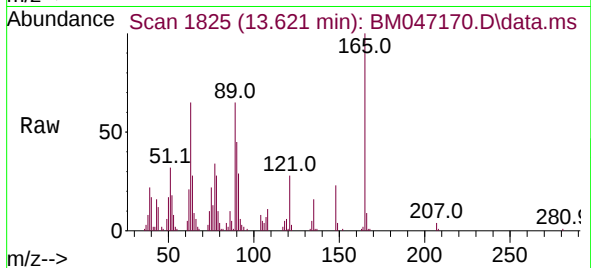
164 10.4 8.0 12.0



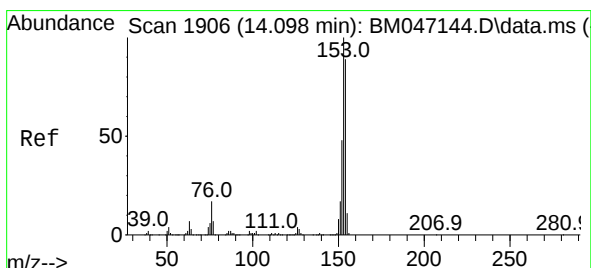
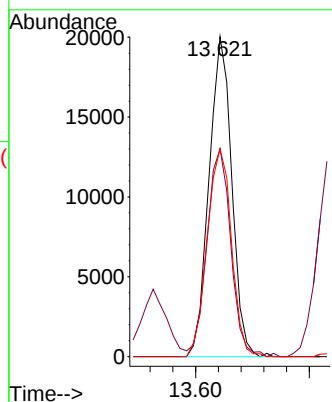
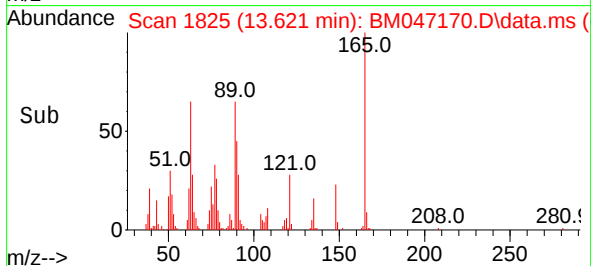


#51
2,6-Dinitrotoluene
Concen: 3.338 ng
RT: 13.621 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Instrument :
BNA_M
ClientSampleId :

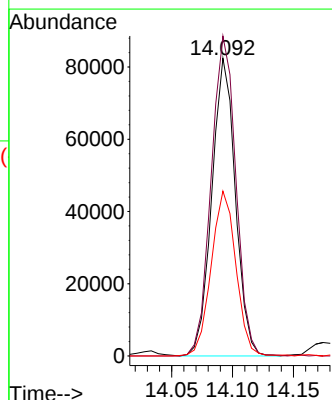
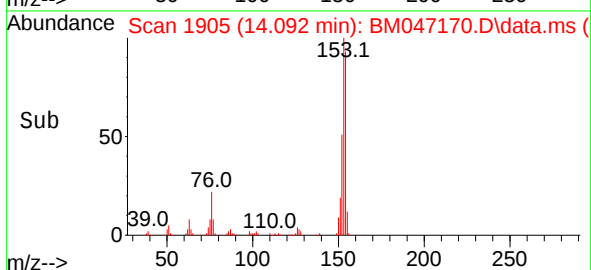
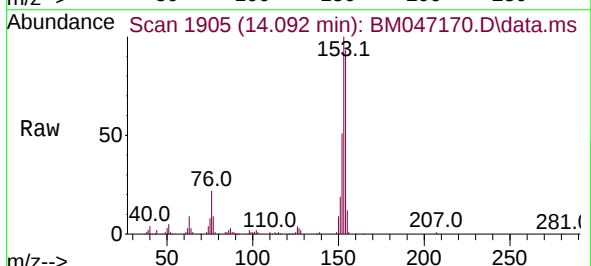


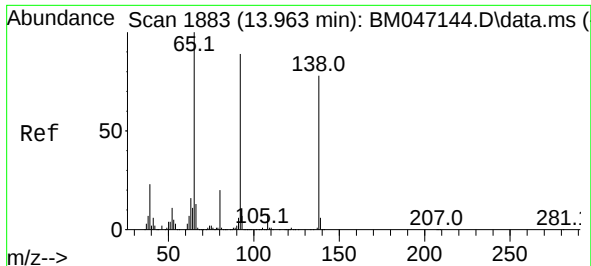
Tgt Ion:165 Resp: 27823
Ion Ratio Lower Upper
165 100
63 65.0 46.5 69.7
89 64.9 47.3 70.9



#52
Acenaphthene
Concen: 4.183 ng
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion:154 Resp: 111099
Ion Ratio Lower Upper
154 100
153 107.4 90.3 135.5
152 55.3 42.9 64.3

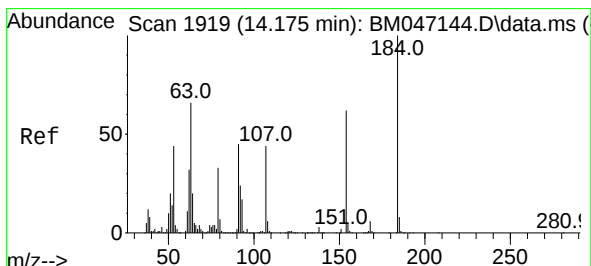
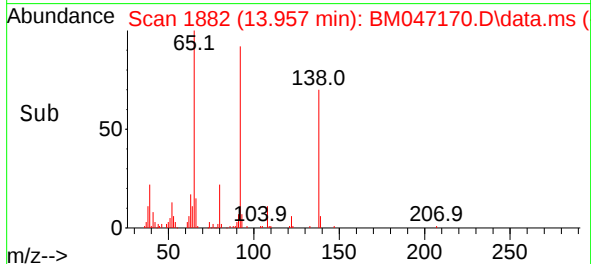
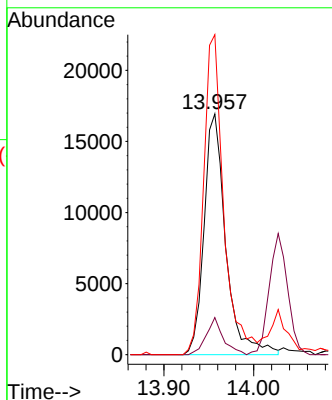
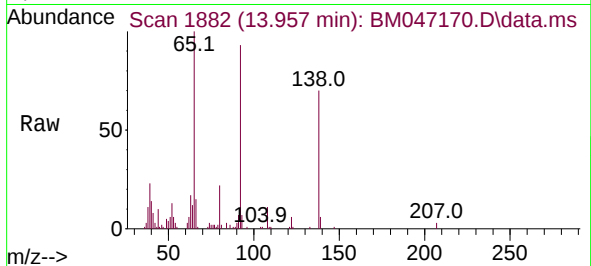




#53
3-Nitroaniline
Concen: 3.409 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

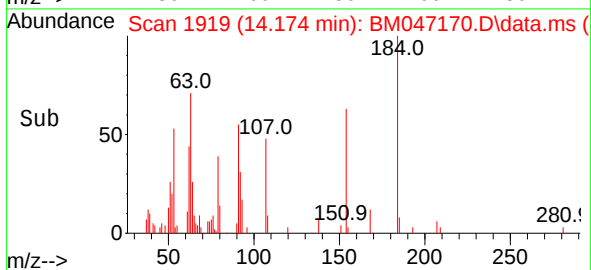
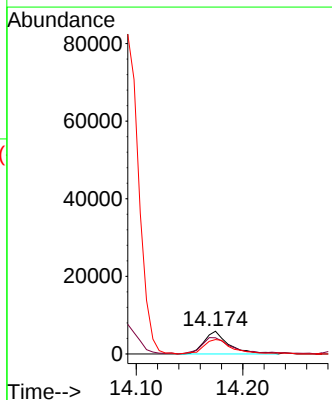
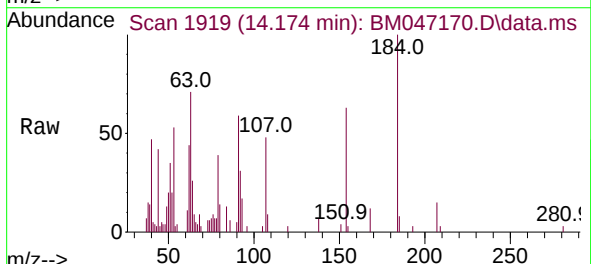
Instrument :
BNA_M
ClientSampleId :

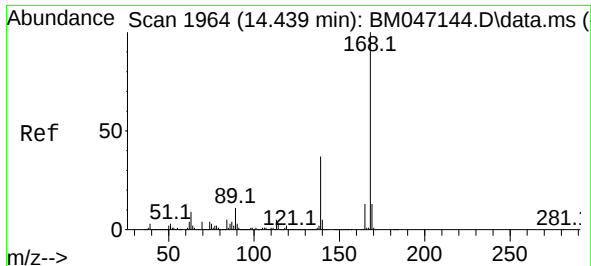
Tgt Ion:138 Resp: 28469
Ion Ratio Lower Upper
138 100
108 15.4 7.9 11.9#
92 132.9 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 1.875 ng
RT: 14.174 min Scan# 1919
Delta R.T. -0.001 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion:184 Resp: 9367
Ion Ratio Lower Upper
184 100
63 70.9 52.7 79.1
154 63.4 50.4 75.6





#55

Dibenzenofuran

Concen: 4.394 ng

RT: 14.433 min Scan# 1963

Delta R.T. -0.006 min

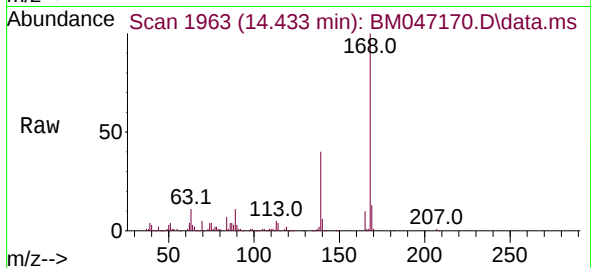
Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :



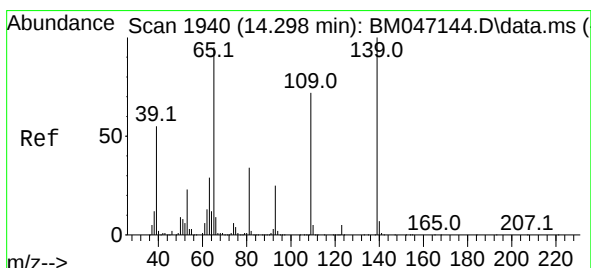
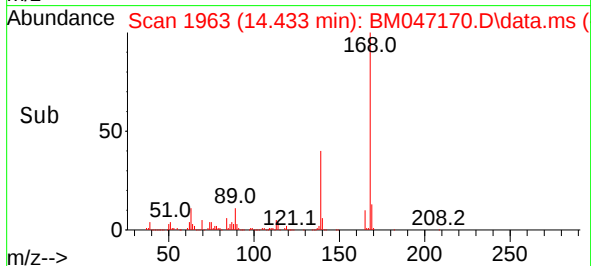
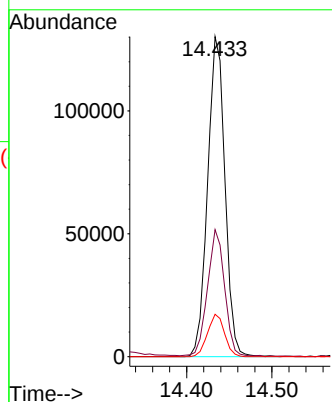
Tgt Ion:168 Resp: 184354

Ion Ratio Lower Upper

168 100

139 39.7 29.6 44.4

169 13.2 10.7 16.1



#56

4-Nitrophenol

Concen: 2.909 ng

RT: 14.298 min Scan# 1940

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

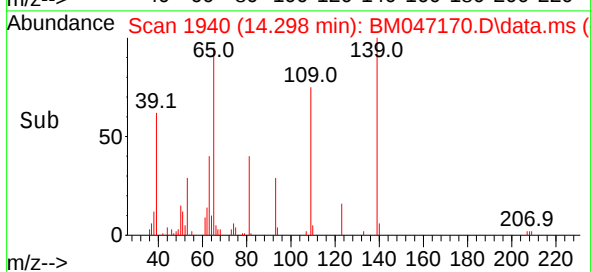
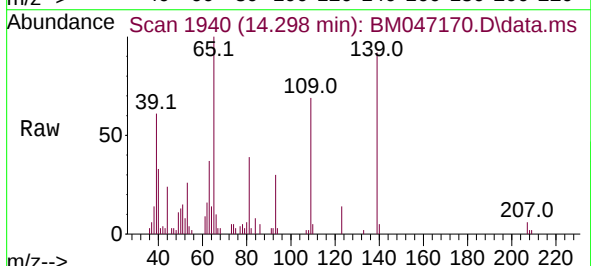
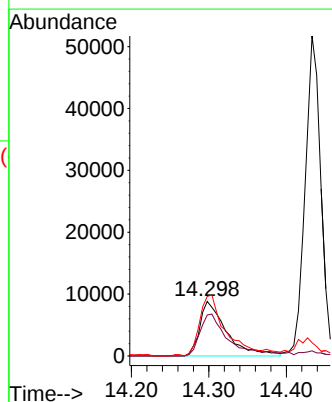
Tgt Ion:139 Resp: 20948

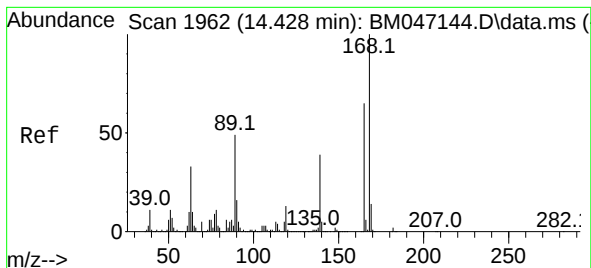
Ion Ratio Lower Upper

139 100

109 74.9 52.5 92.5

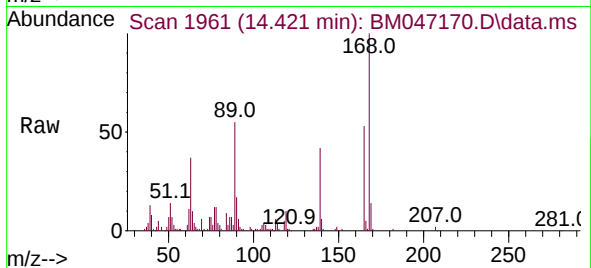
65 109.0 75.4 115.4



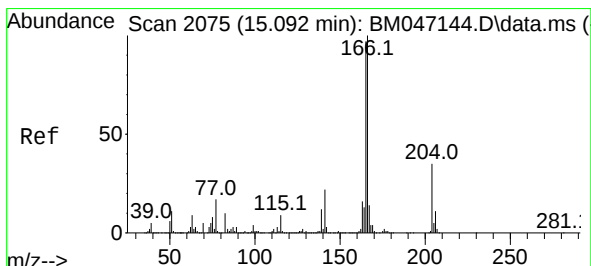
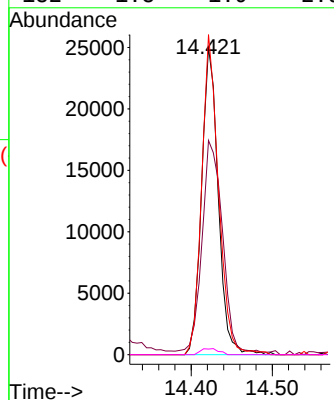
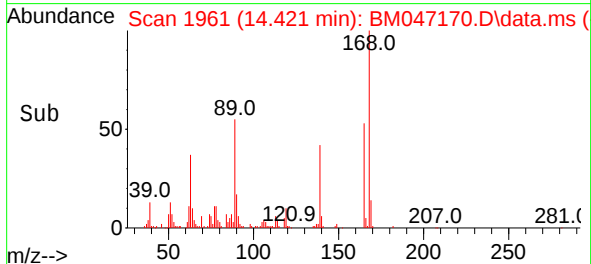


#57
2,4-Dinitrotoluene
Concen: 3.202 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

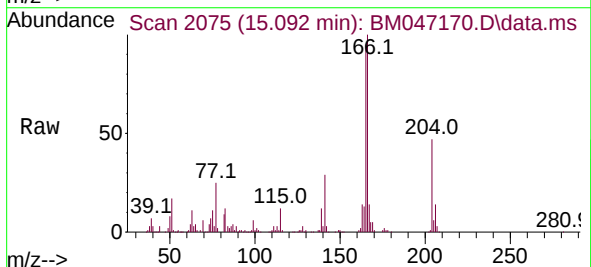
Instrument :
BNA_M
ClientSampleId :



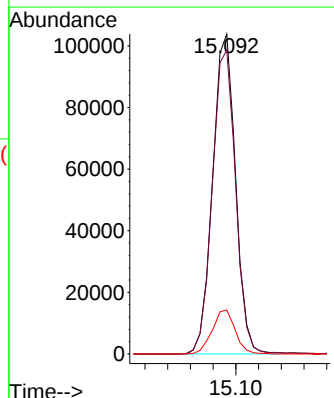
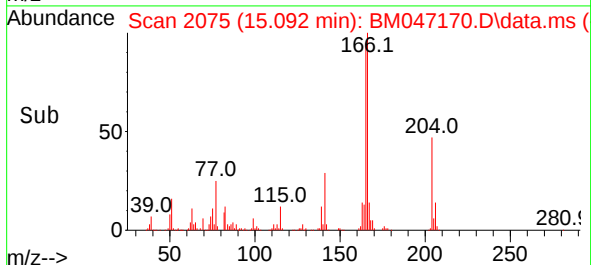
Tgt Ion:165 Resp: 35624
Ion Ratio Lower Upper
165 100
63 69.7 40.3 60.5#
89 104.2 61.0 91.6#
182 1.8 1.9 2.9#

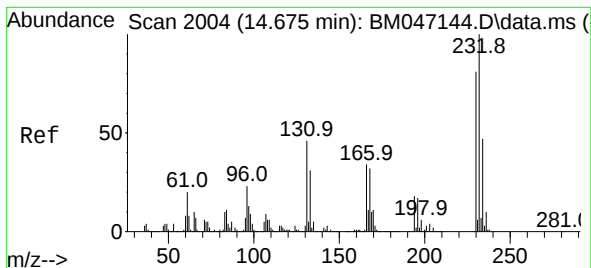


#58
Fluorene
Concen: 4.192 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02



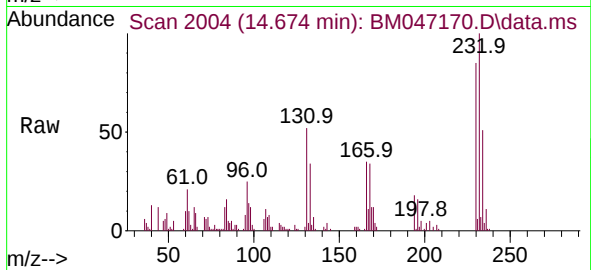
Tgt Ion:166 Resp: 145123
Ion Ratio Lower Upper
166 100
165 95.0 77.4 116.0
167 13.8 11.0 16.6



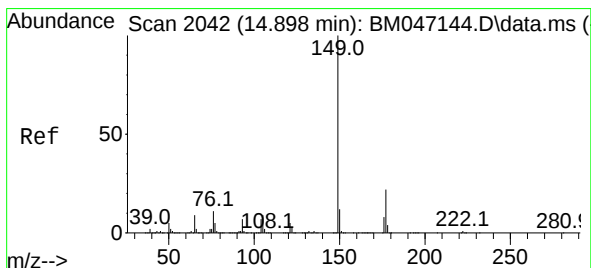
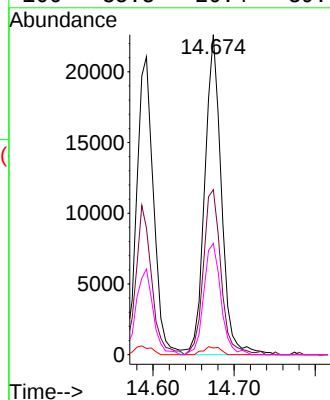
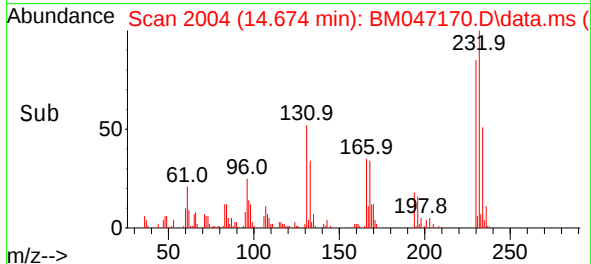


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.562 ng
RT: 14.674 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

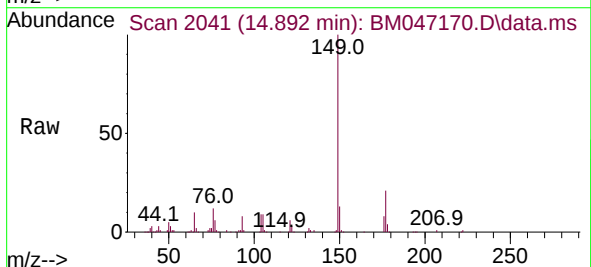
Instrument :
BNA_M
ClientSampleId :



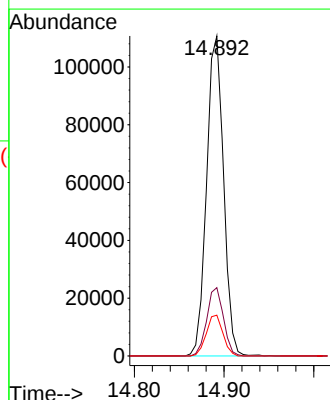
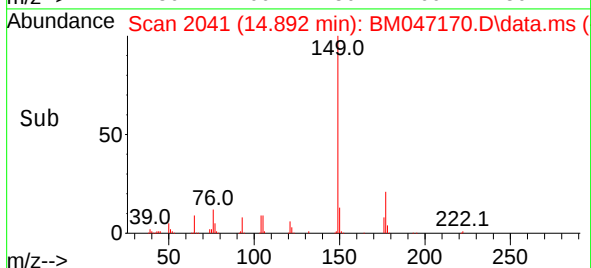
Tgt Ion:232 Resp: 32170
Ion Ratio Lower Upper
232 100
131 54.6 36.9 55.3
130 2.5 2.0 3.0
166 35.8 26.4 39.6

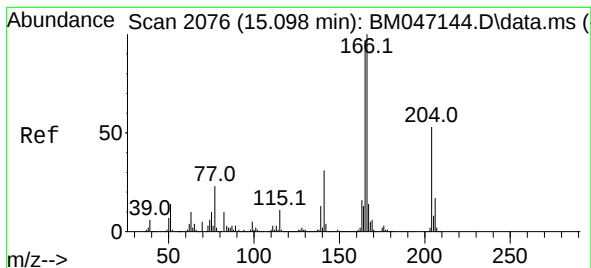


#60
Diethylphthalate
Concen: 3.984 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02



Tgt Ion:149 Resp: 145081
Ion Ratio Lower Upper
149 100
177 21.3 17.6 26.4
150 12.8 9.8 14.6

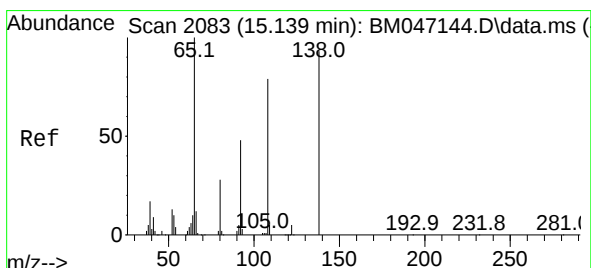
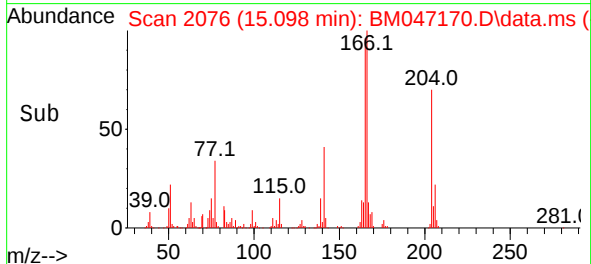
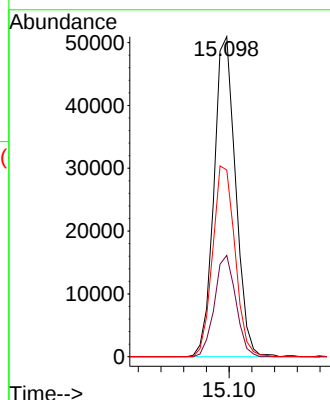
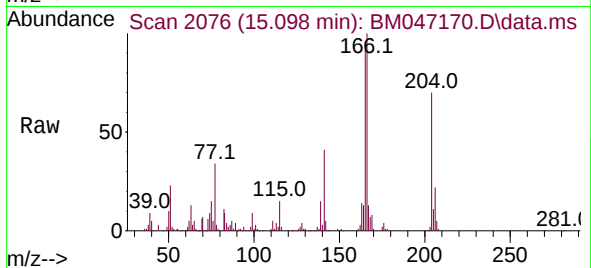




#61
4-Chlorophenyl-phenylether
Concen: 4.091 ng
RT: 15.098 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

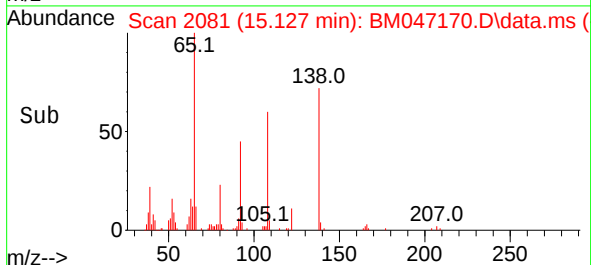
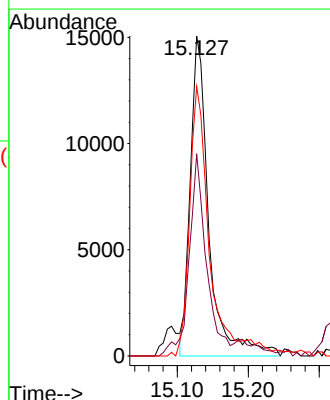
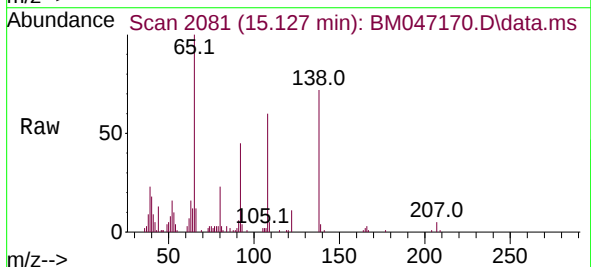
Instrument :
BNA_M
ClientSampleId :

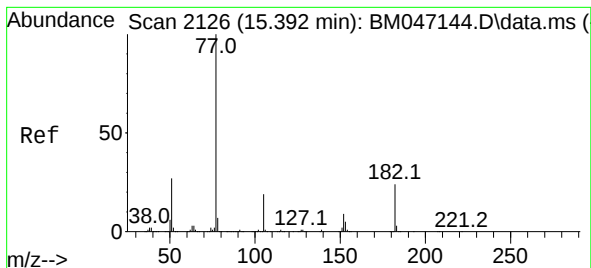
Tgt Ion:204 Resp: 67429
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.4
141 58.3 47.2 70.8



#62
4-Nitroaniline
Concen: 3.332 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion:138 Resp: 27418
Ion Ratio Lower Upper
138 100
92 63.2 31.9 71.9
108 84.2 63.8 103.8





#63

Azobenzene

Concen: 4.433 ng

RT: 15.392 min Scan# 2126

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 77 Resp: 153047

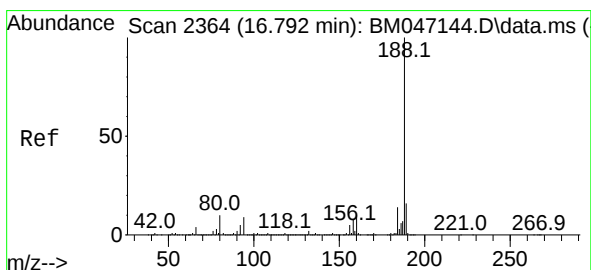
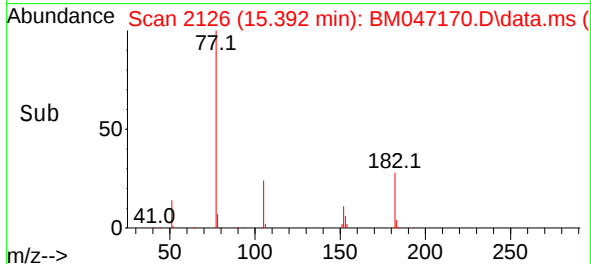
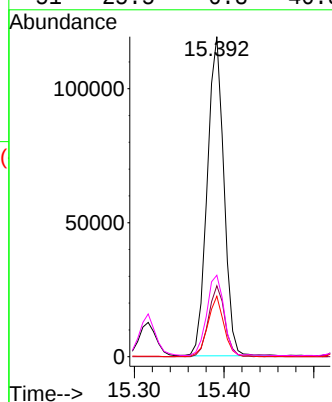
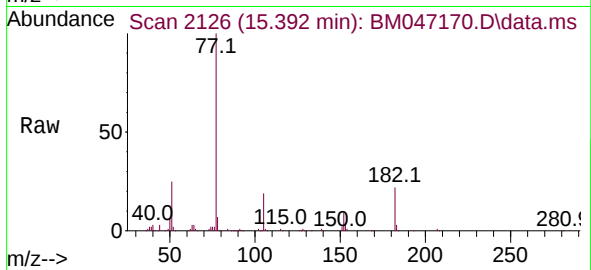
Ion Ratio Lower Upper

77 100

182 22.2 3.8 43.8

105 18.9 0.0 39.5

51 25.5 6.8 46.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.792 min Scan# 2364

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

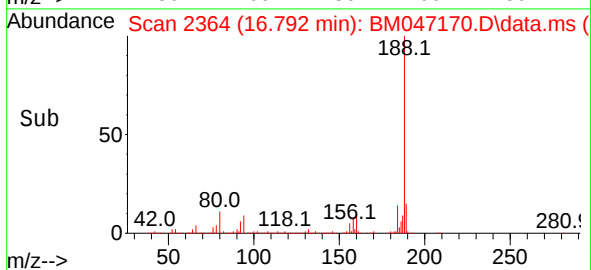
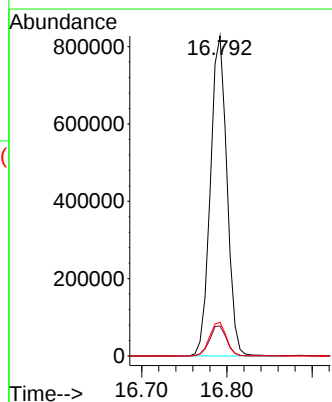
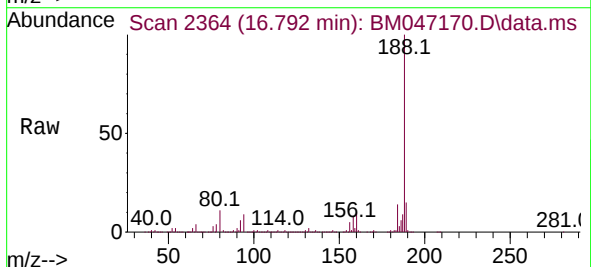
Tgt Ion: 188 Resp: 1115889

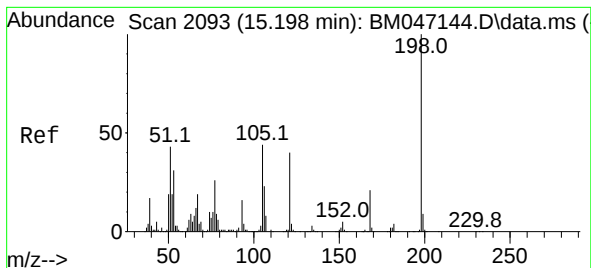
Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 10.6 8.0 12.0

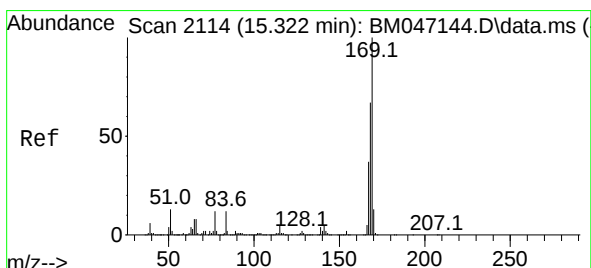
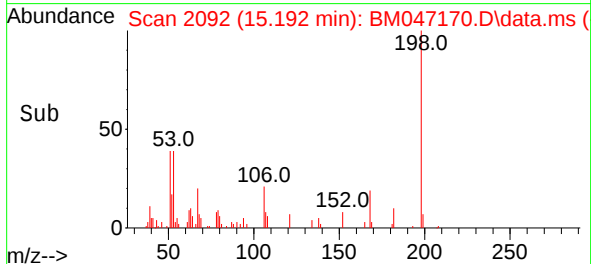
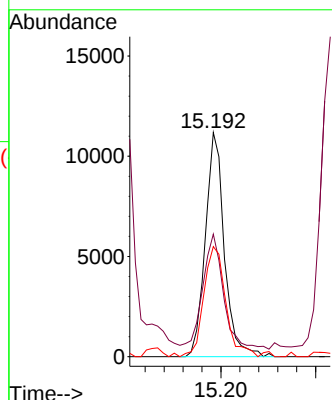
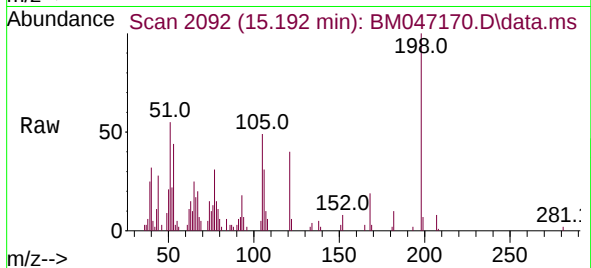




#65
4,6-Dinitro-2-methylphenol
Concen: 2.377 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

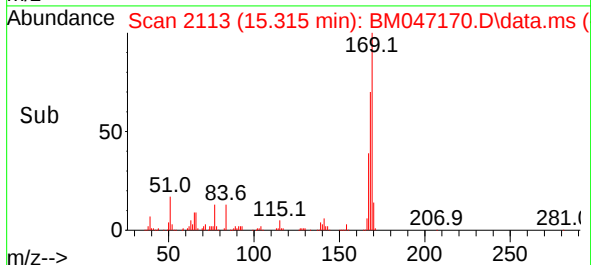
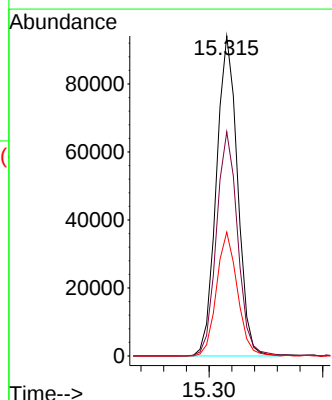
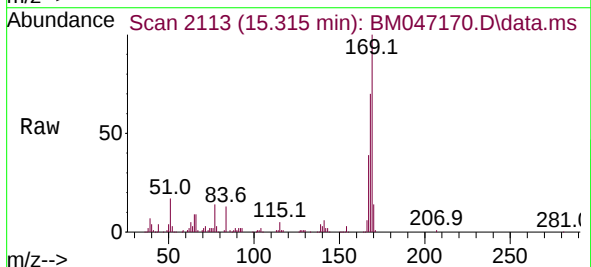
Instrument :
BNA_M
ClientSampleId :

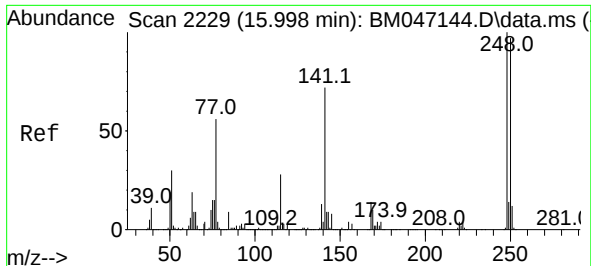
Tgt Ion:198 Resp: 15529
Ion Ratio Lower Upper
198 100
51 54.7 23.9 63.9
105 49.1 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 4.006 ng
RT: 15.315 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047170.D
Acq: 13 Aug 2024 11:02

Tgt Ion:169 Resp: 121771
Ion Ratio Lower Upper
169 100
168 70.1 53.8 80.8
167 38.7 29.3 43.9





#67

4-Bromophenyl-phenylether

Concen: 3.497 ng

RT: 15.992 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

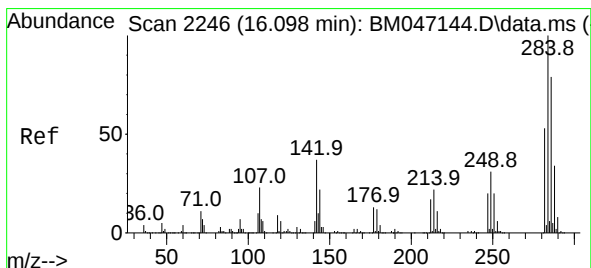
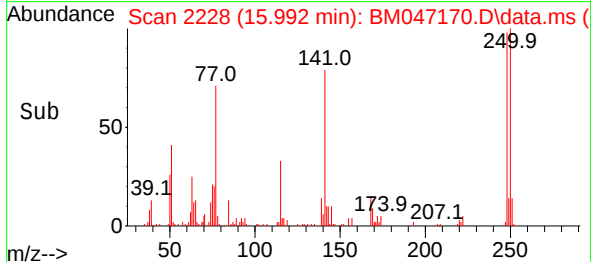
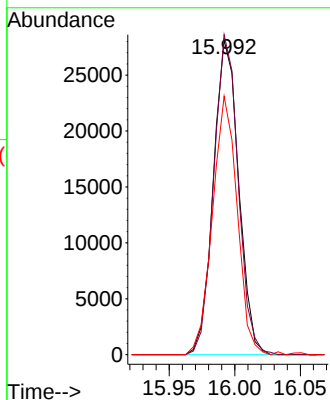
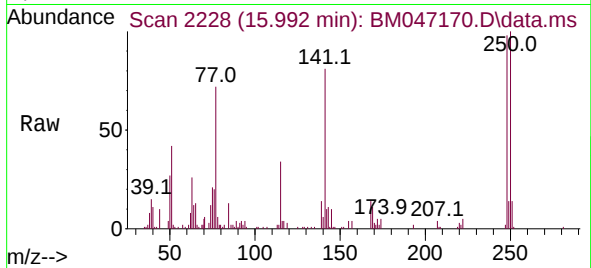
Tgt Ion:248 Resp: 37598

Ion Ratio Lower Upper

248 100

250 101.7 77.8 116.8

141 82.1 57.7 86.5



#68

Hexachlorobenzene

Concen: 3.777 ng

RT: 16.098 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

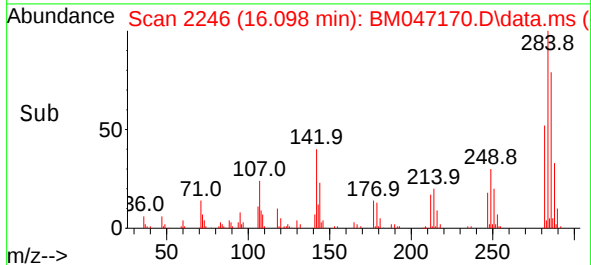
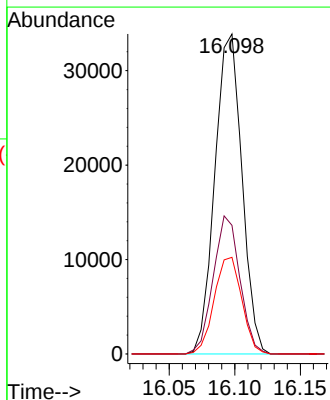
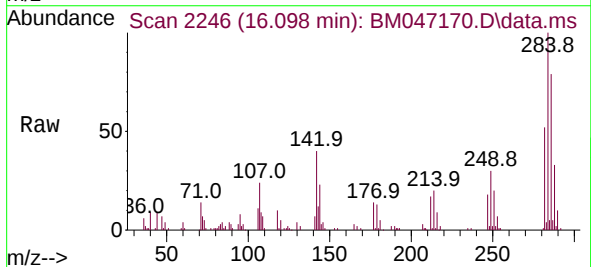
Tgt Ion:284 Resp: 48639

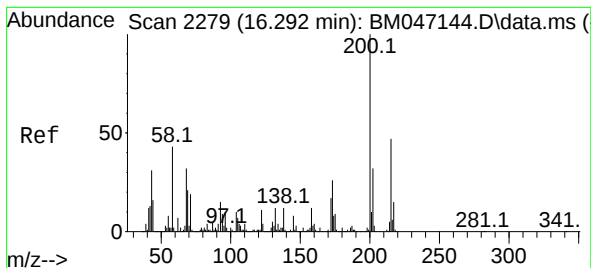
Ion Ratio Lower Upper

284 100

142 40.2 29.4 44.0

249 30.2 25.1 37.7





#69

Atrazine

Concen: 4.164 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

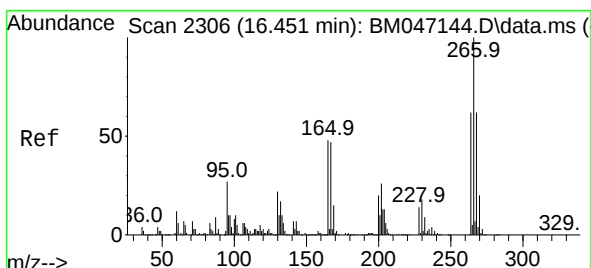
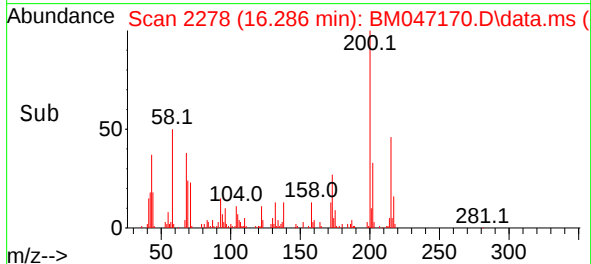
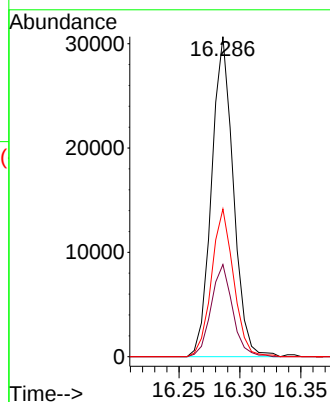
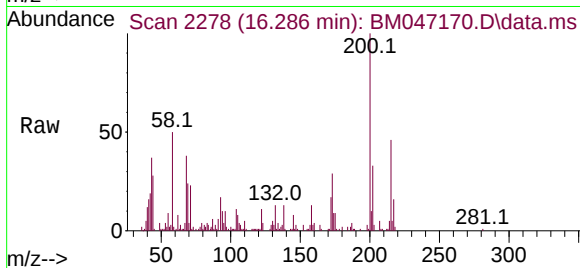
Tgt Ion:200 Resp: 38087

Ion Ratio Lower Upper

200 100

173 28.8 6.1 46.1

215 46.1 26.8 66.8



#70

Pentachlorophenol

Concen: 2.599 ng

RT: 16.451 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

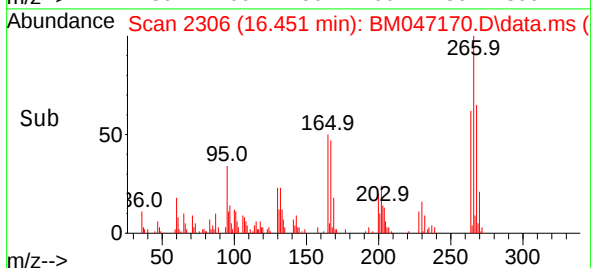
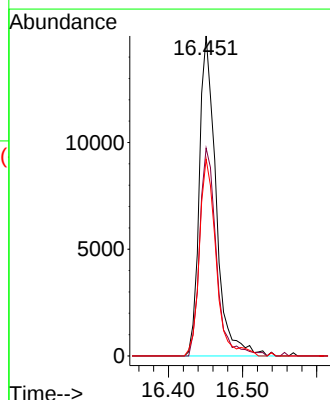
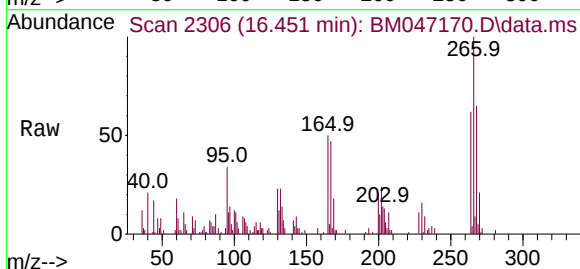
Tgt Ion:266 Resp: 23461

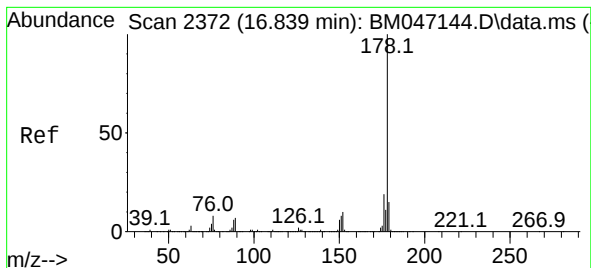
Ion Ratio Lower Upper

266 100

268 65.0 49.8 74.6

264 61.6 49.6 74.4





#71

Phenanthrene

Concen: 4.373 ng

RT: 16.833 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

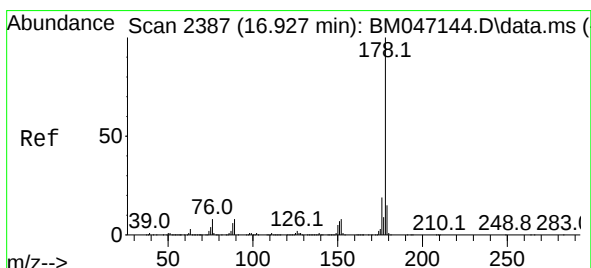
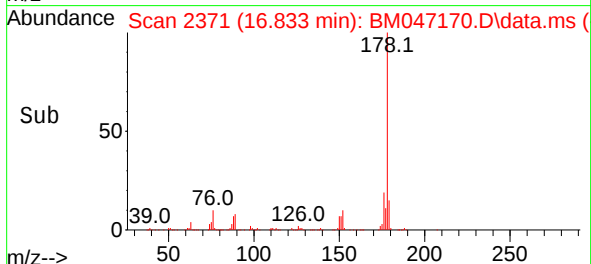
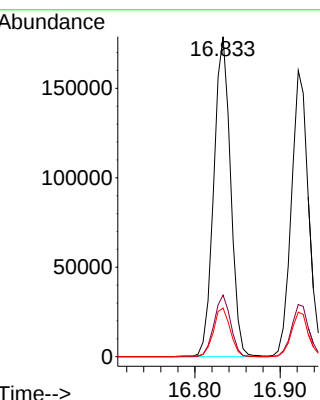
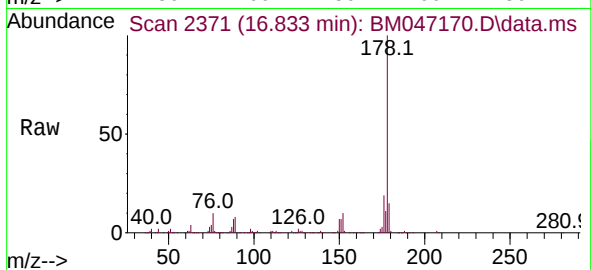
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:178 Resp: 244898

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.4	18.6



#72

Anthracene

Concen: 4.139 ng

RT: 16.921 min Scan# 2386

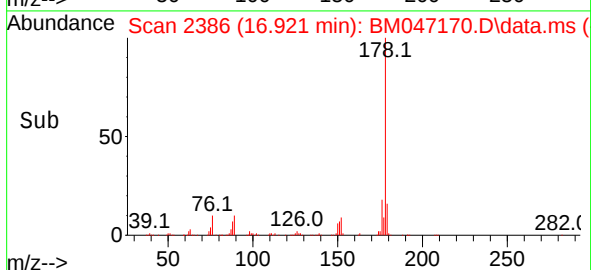
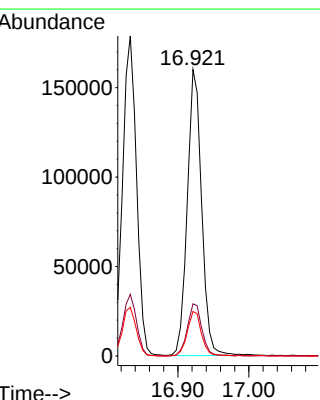
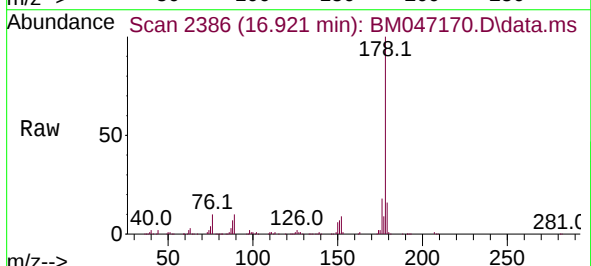
Delta R.T. -0.006 min

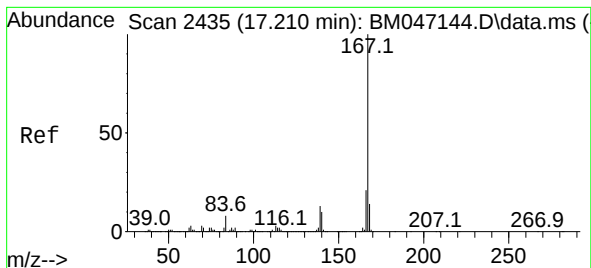
Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Tgt Ion:178 Resp: 225516

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.5	12.4	18.6





#73

Carbazole

Concen: 3.933 ng

RT: 17.204 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

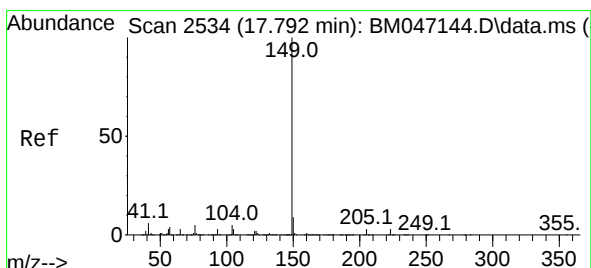
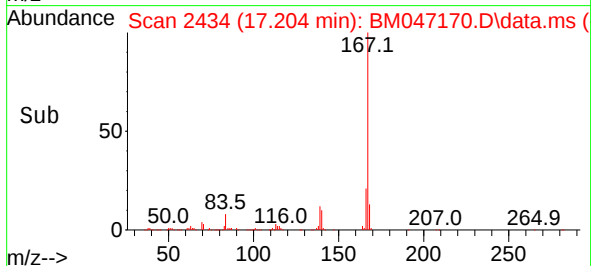
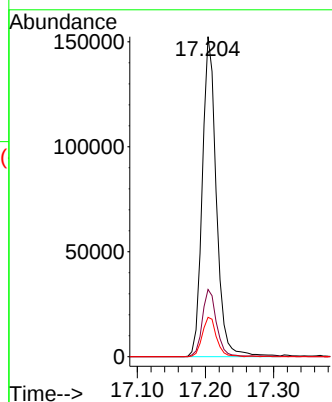
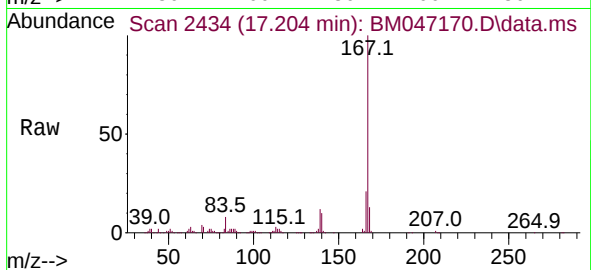
Tgt Ion:167 Resp: 218839

Ion Ratio Lower Upper

167 100

166 21.0 17.1 25.7

139 12.3 10.0 15.0



#74

Di-n-butylphthalate

Concen: 3.655 ng

RT: 17.792 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

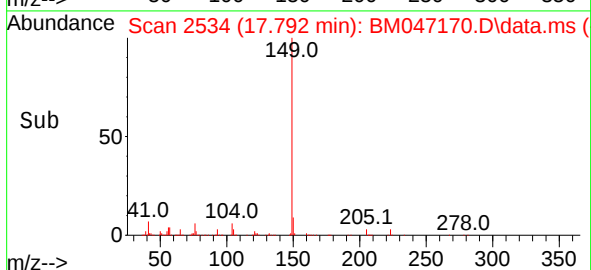
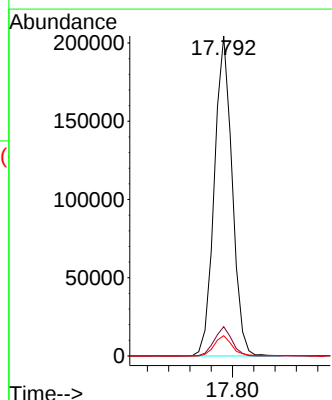
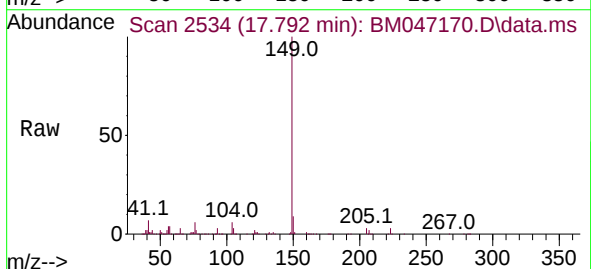
Tgt Ion:149 Resp: 236591

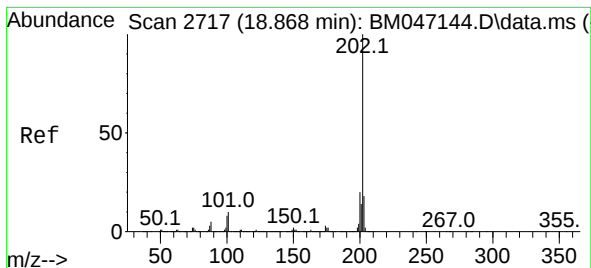
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 6.4 4.1 6.1#





#75

Fluoranthene

Concen: 3.726 ng

RT: 18.868 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

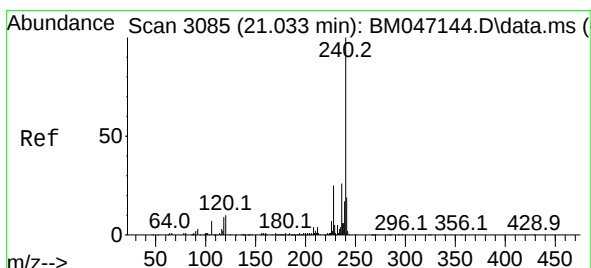
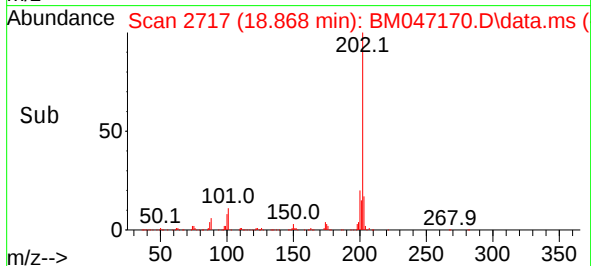
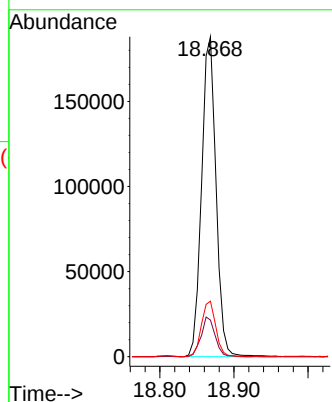
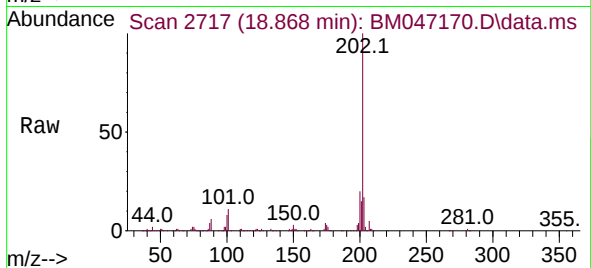
Tgt Ion:202 Resp: 253799

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.2

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

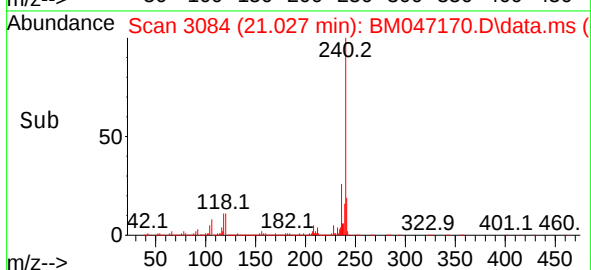
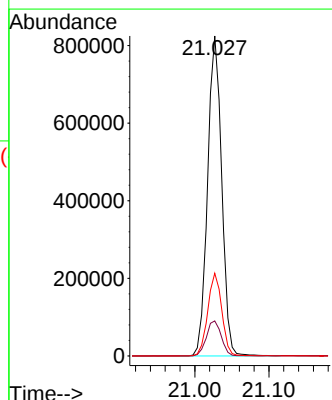
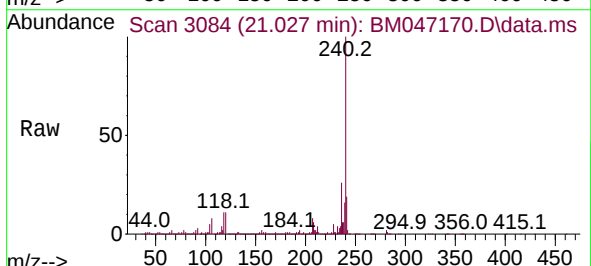
Tgt Ion:240 Resp: 1090704

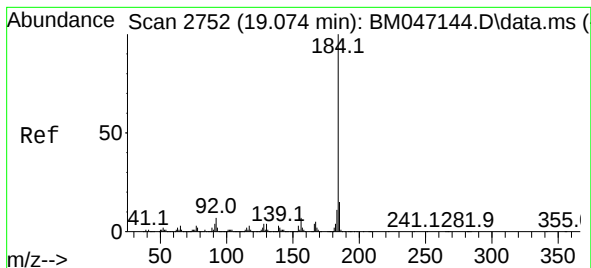
Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

236 25.8 20.6 30.8





#77

Benzidine

Concen: 3.890 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

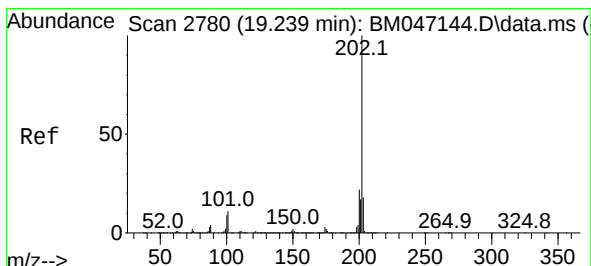
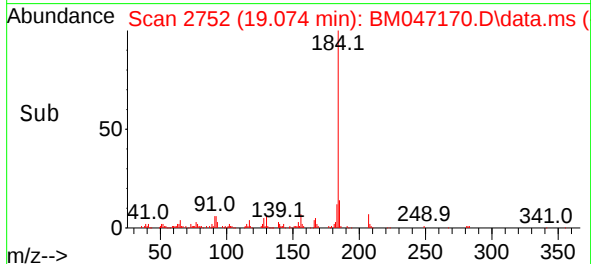
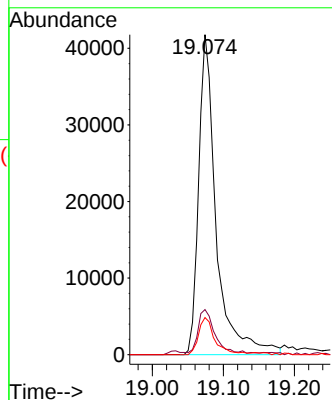
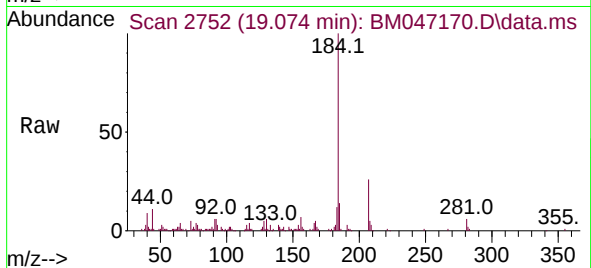
Tgt Ion:184 Resp: 71948

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

183 11.6 9.0 13.6



#78

Pyrene

Concen: 3.542 ng

RT: 19.233 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

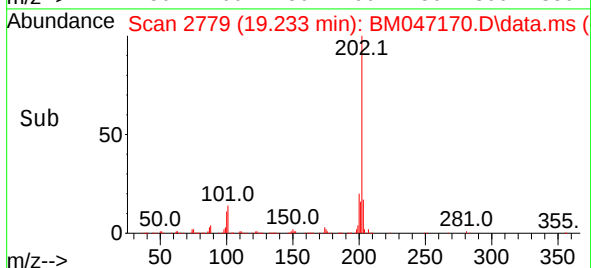
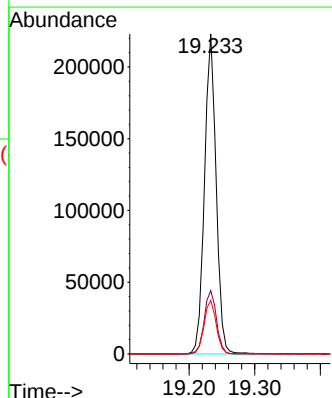
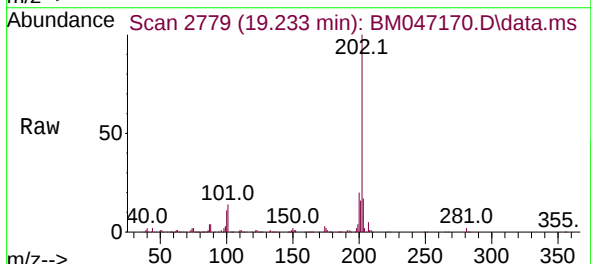
Tgt Ion:202 Resp: 275824

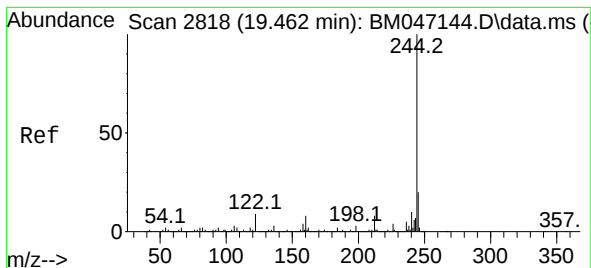
Ion Ratio Lower Upper

202 100

200 19.8 17.2 25.8

203 16.7 14.2 21.2





#79

Terphenyl-d14

Concen: 84.358 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

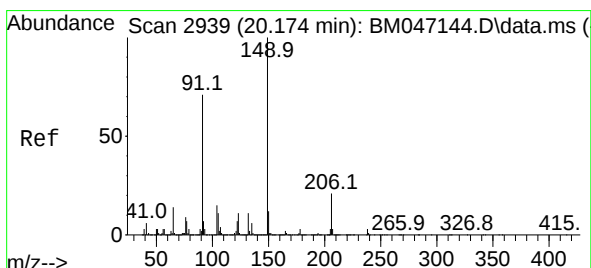
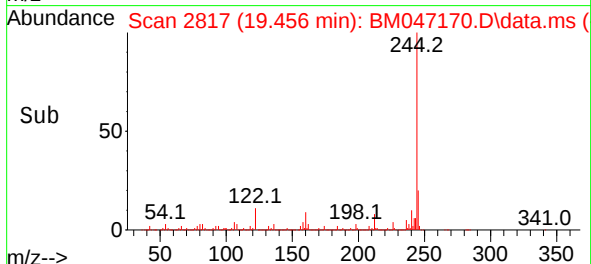
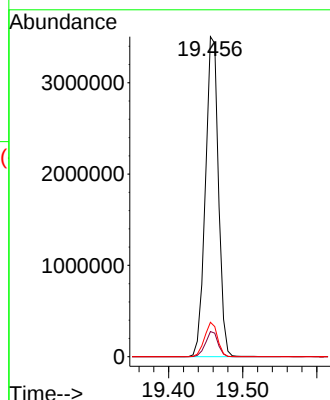
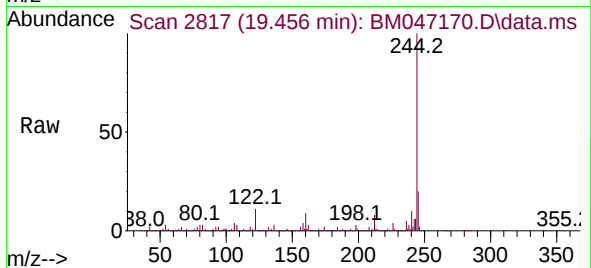
Tgt Ion:244 Resp: 4293965

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

122 10.8 7.1 10.7#



#80

Butylbenzylphthalate

Concen: 3.159 ng

RT: 20.174 min Scan# 2939

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

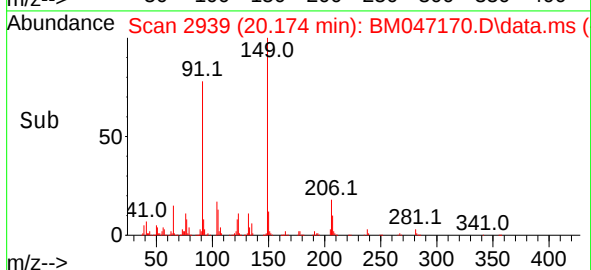
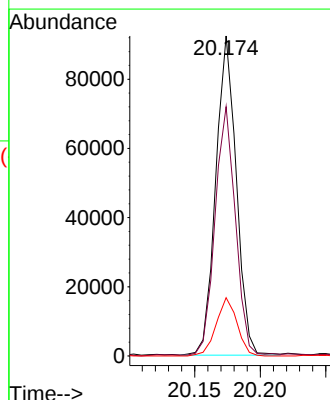
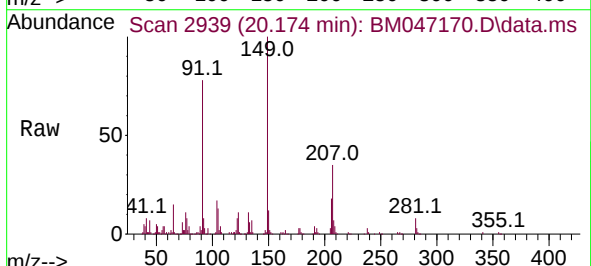
Tgt Ion:149 Resp: 100391

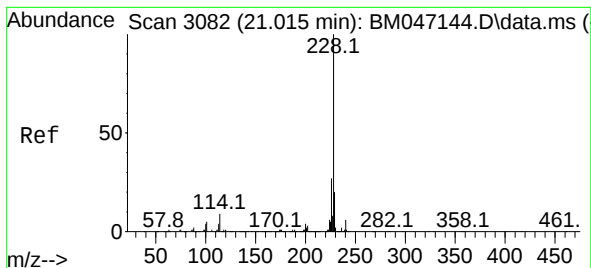
Ion Ratio Lower Upper

149 100

91 77.9 57.0 85.4

206 18.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 3.901 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

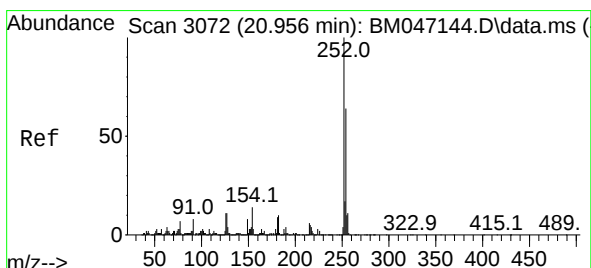
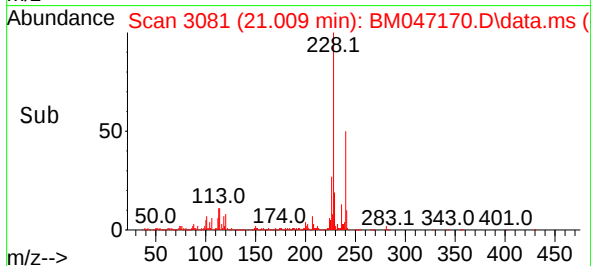
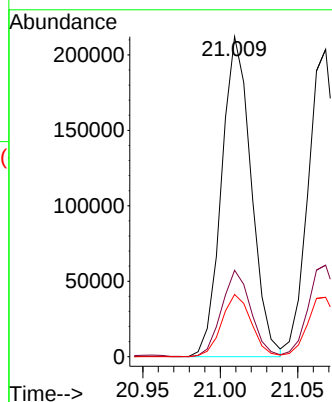
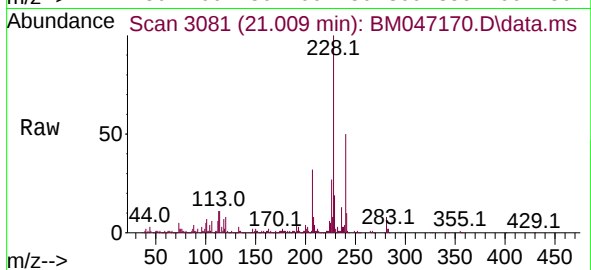
Tgt Ion:228 Resp: 282431

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 3.762 ng

RT: 20.956 min Scan# 3072

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

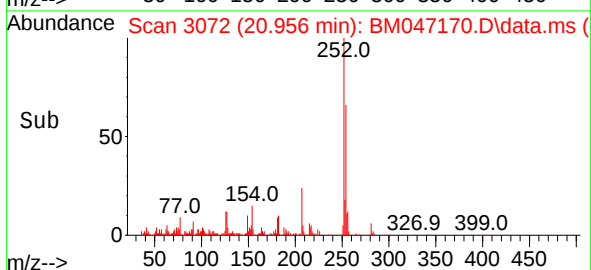
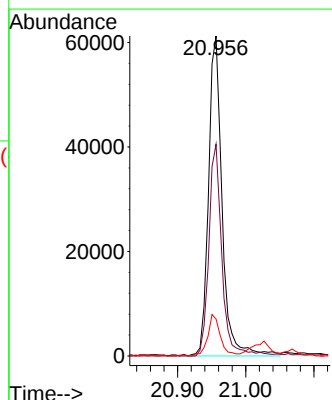
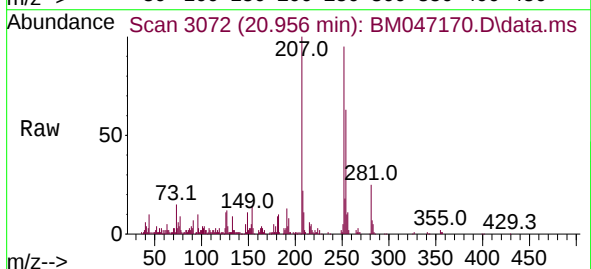
Tgt Ion:252 Resp: 85234

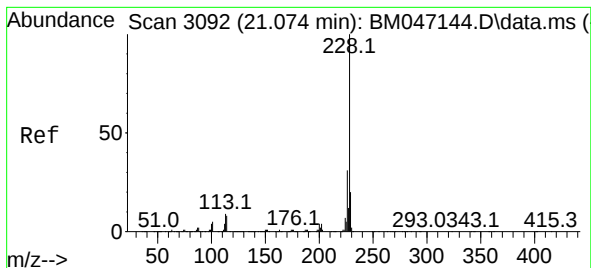
Ion Ratio Lower Upper

252 100

254 66.2 51.0 76.6

126 11.5 8.5 12.7





#83

Chrysene

Concen: 3.988 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

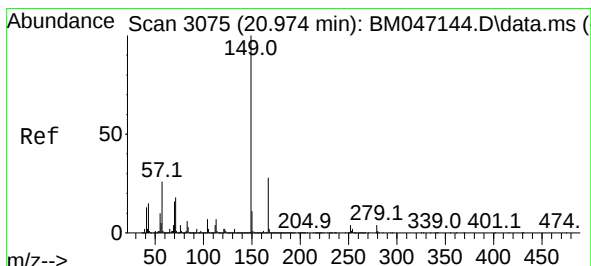
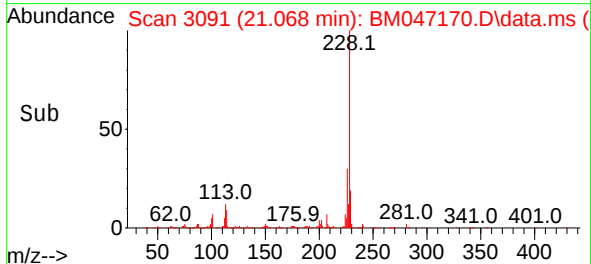
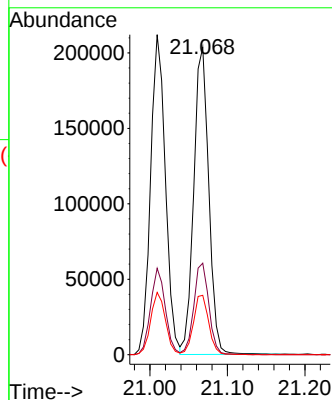
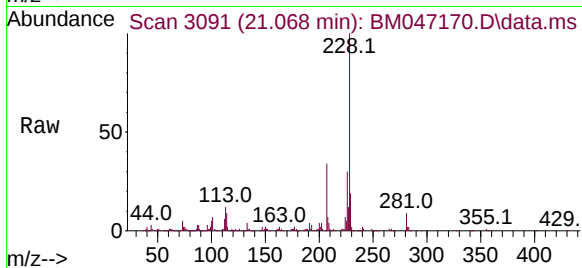
Tgt Ion:228 Resp: 273990

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.307 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

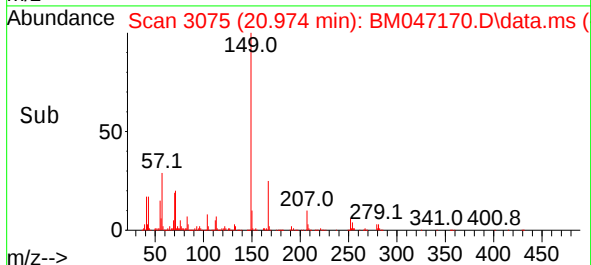
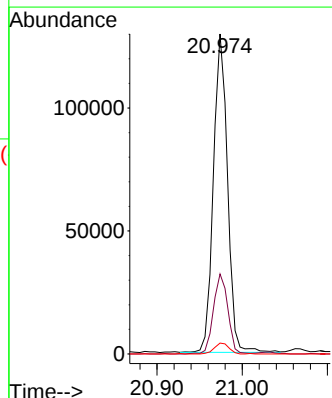
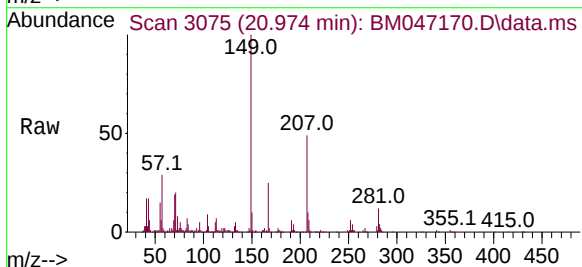
Tgt Ion:149 Resp: 149049

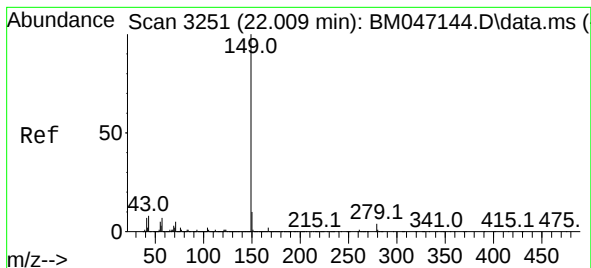
Ion Ratio Lower Upper

149 100

167 25.0 22.2 33.2

279 3.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 2.990 ng

RT: 22.003 min Scan# 31

Delta R.T. -0.006 min

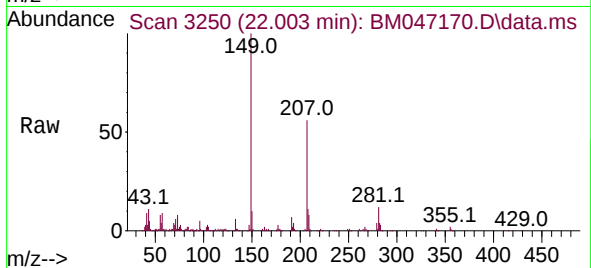
Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :



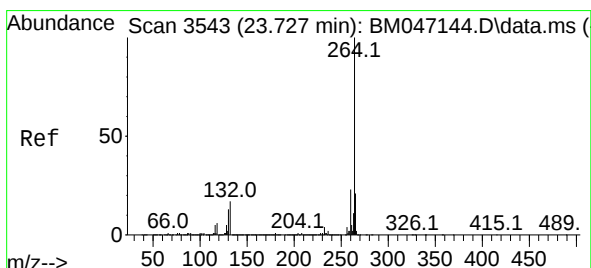
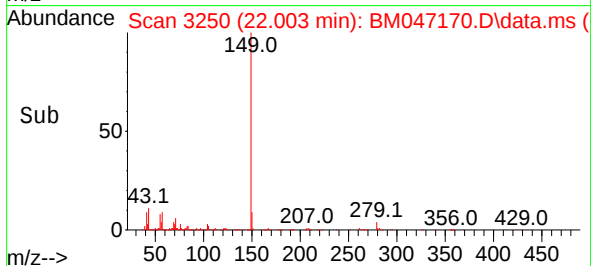
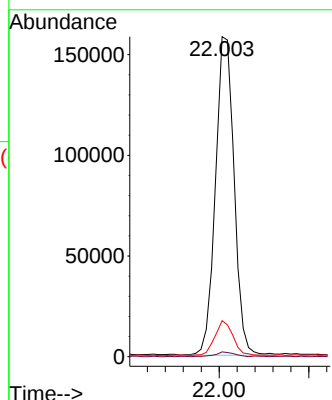
Tgt Ion:149 Resp: 229077

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.5 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

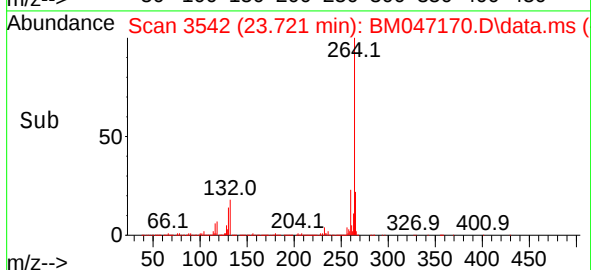
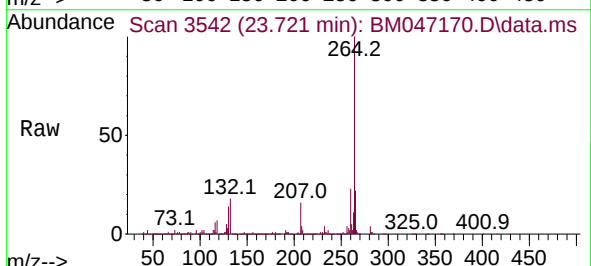
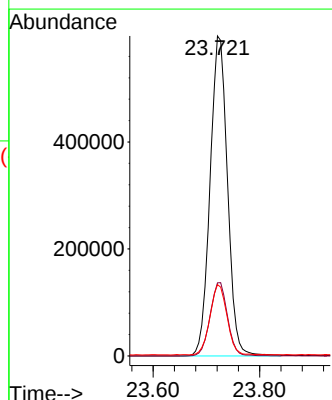
Tgt Ion:264 Resp: 1358635

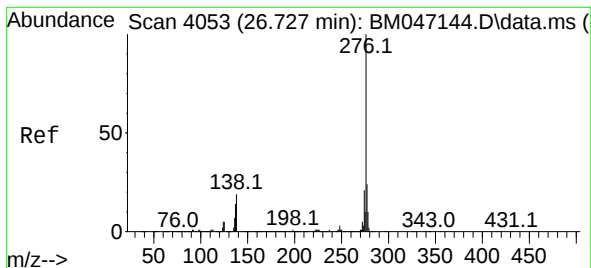
Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.013 ng

RT: 26.709 min Scan# 4050

Delta R.T. -0.018 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

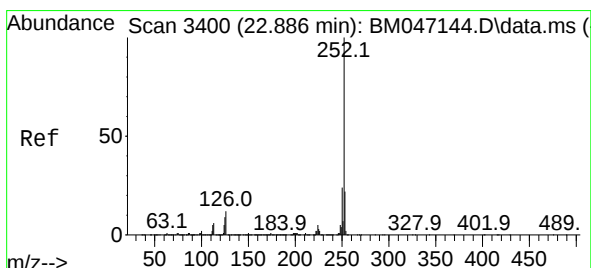
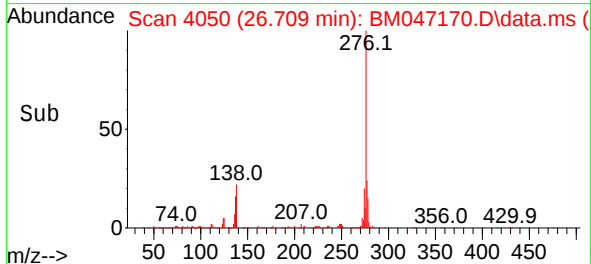
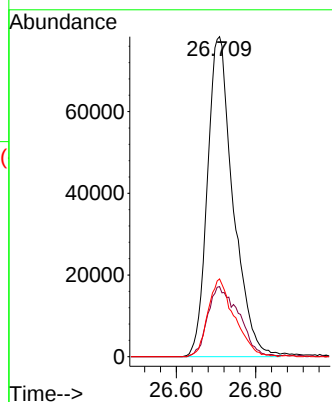
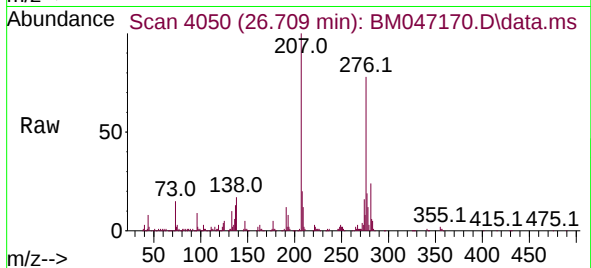
Tgt Ion:276 Resp: 352379

Ion Ratio Lower Upper

276 100

138 26.7 19.4 29.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 3.562 ng

RT: 22.880 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

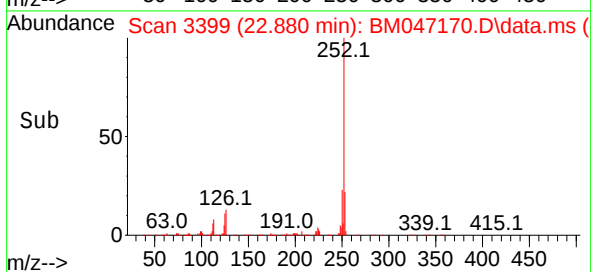
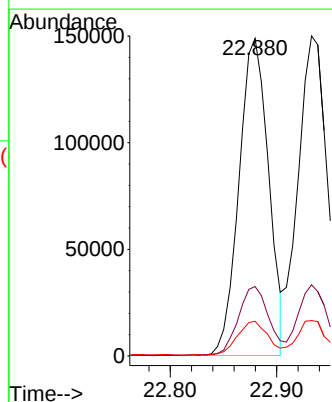
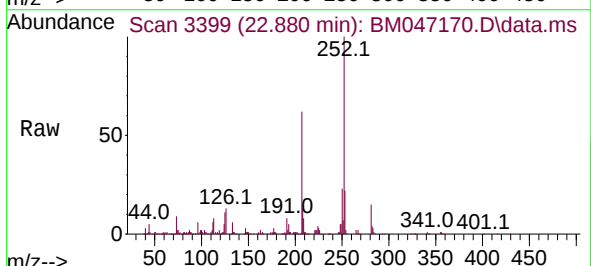
Tgt Ion:252 Resp: 287423

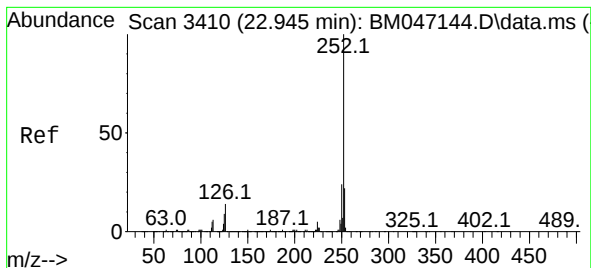
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 3.788 ng

RT: 22.933 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

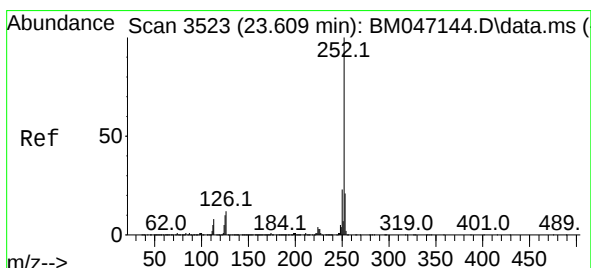
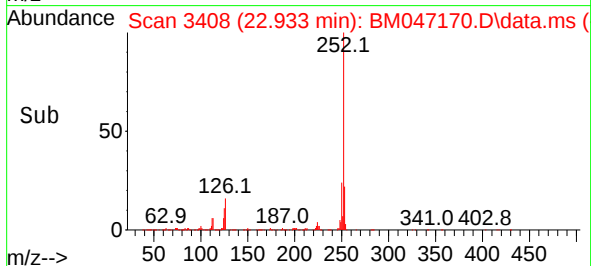
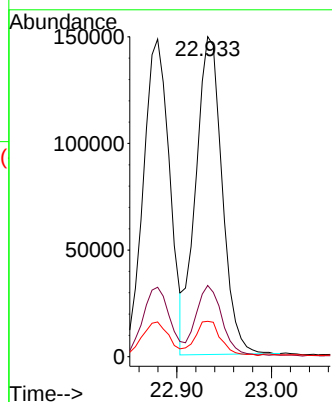
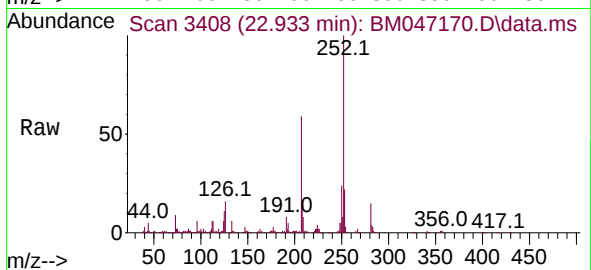
Tgt Ion:252 Resp: 288710

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 3.698 ng

RT: 23.591 min Scan# 3520

Delta R.T. -0.018 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

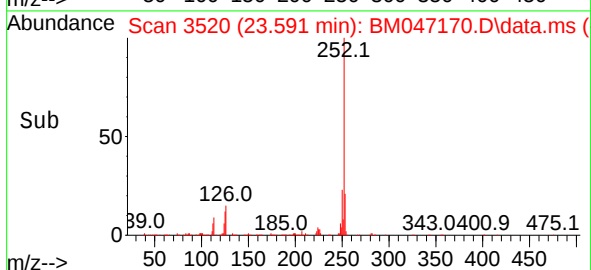
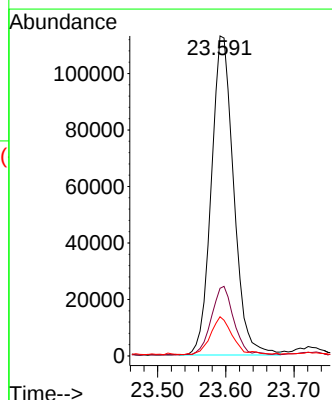
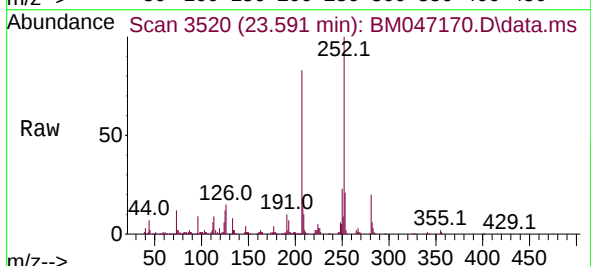
Tgt Ion:252 Resp: 258453

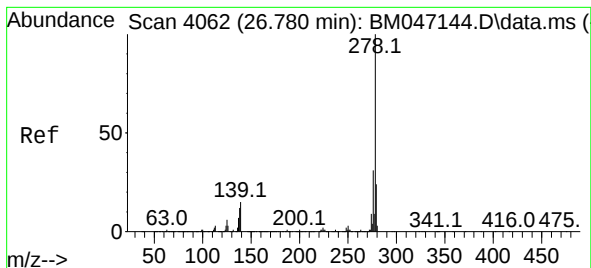
Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 12.3 8.2 12.2#





#91

Dibenzo(a,h)anthracene

Concen: 4.108 ng

RT: 26.756 min Scan# 4058

Delta R.T. -0.024 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

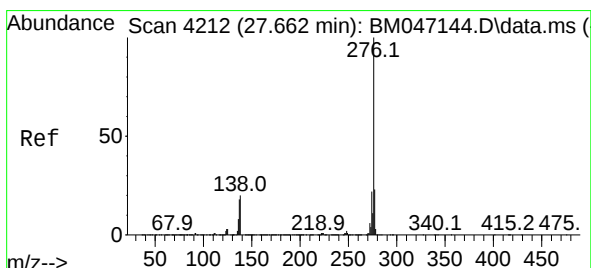
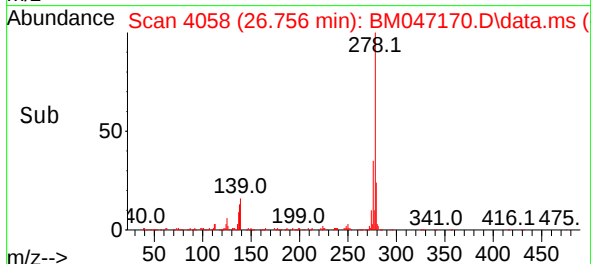
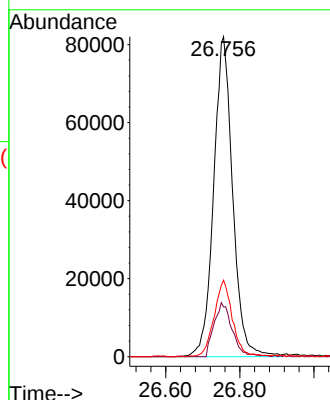
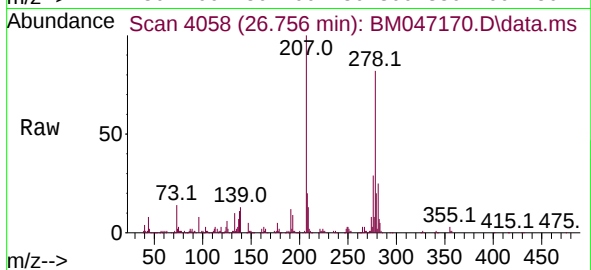
Tgt Ion:278 Resp: 291958

Ion Ratio Lower Upper

278 100

139 15.6 12.0 18.0

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 3.922 ng

RT: 27.626 min Scan# 4206

Delta R.T. -0.035 min

Lab File: BM047170.D

Acq: 13 Aug 2024 11:02

Tgt Ion:276 Resp: 289415

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 22.2 16.2 24.4

