

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
 Data File : BM047571.D
 Acq On : 19 Sep 2024 15:14
 Operator : RC/JU
 Sample : PB163344BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163344BS

Quant Time: Sep 19 15:50:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	316365	20.000	ng	-0.01
21) Naphthalene-d8	10.639	136	1270819	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	613452	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1120707	20.000	ng	0.00
76) Chrysene-d12	21.433	240	848609	20.000	ng	-0.01
86) Perylene-d12	24.456	264	735730	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2143078	107.858	ng	0.00
7) Phenol-d6	7.004	99	2708462	96.794	ng	0.00
23) Nitrobenzene-d5	8.998	82	2516497	99.102	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	584429	98.562	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	4670764	104.883	ng	-0.01
79) Terphenyl-d14	19.827	244	5702684	120.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	349631	41.083	ng	99
3) Pyridine	3.710	79	951693	37.568	ng	97
4) n-Nitrosodimethylamine	3.616	42	508223	44.217	ng	92
6) Aniline	7.163	93	1039725	41.912	ng	99
8) 2-Chlorophenol	7.404	128	1097487	50.105	ng	100
9) Benzaldehyde	6.975	77	58085	4.366	ng	99
10) Phenol	7.034	94	1417025	50.576	ng	96
11) bis(2-Chloroethyl)ether	7.263	93	1081352	48.074	ng	99
12) 1,3-Dichlorobenzene	7.733	146	1117852	46.625	ng	98
13) 1,4-Dichlorobenzene	7.881	146	1149316	47.065	ng	100
14) 1,2-Dichlorobenzene	8.198	146	1102423	45.873	ng	98
15) Benzyl Alcohol	8.075	79	928511	48.987	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1458087	46.082	ng	98
17) 2-Methylphenol	8.281	107	890833	49.771	ng	99
18) Hexachloroethane	8.928	117	472448	48.431	ng	95
19) n-Nitroso-di-n-propyla...	8.651	70	888795	47.110	ng	95
20) 3+4-Methylphenols	8.610	107	1190166	47.655	ng	98
22) Acetophenone	8.663	105	1620913	48.515	ng	# 99
24) Nitrobenzene	9.039	77	1250556	47.927	ng	99
25) Isophorone	9.569	82	2161267	48.413	ng	100
26) 2-Nitrophenol	9.751	139	476989	53.645	ng	96
27) 2,4-Dimethylphenol	9.810	122	975033	72.339	ng	98
28) bis(2-Chloroethoxy)met...	10.045	93	1381112	49.253	ng	99
29) 2,4-Dichlorophenol	10.286	162	856531	50.019	ng	97
30) 1,2,4-Trichlorobenzene	10.504	180	896924	45.725	ng	98
31) Naphthalene	10.686	128	3203179	46.670	ng	100
32) Benzoic acid	9.933	122	588079	44.782	ng	99
33) 4-Chloroaniline	10.786	127	669118	26.964	ng	100
34) Hexachlorobutadiene	10.980	225	470833	43.336	ng	98
35) Caprolactam	11.563	113	145860	25.860	ng	91
36) 4-Chloro-3-methylphenol	11.916	107	936890	47.740	ng	98
37) 2-Methylnaphthalene	12.298	142	2059748	45.091	ng	99
38) 1-Methylnaphthalene	12.516	142	1930017	42.516	ng	99
40) 1,2,4,5-Tetrachloroben...	12.668	216	898000	54.098	ng	# 97
41) Hexachlorocyclopentadiene	12.657	237	1107689	204.122	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	583142	56.074	ng	100

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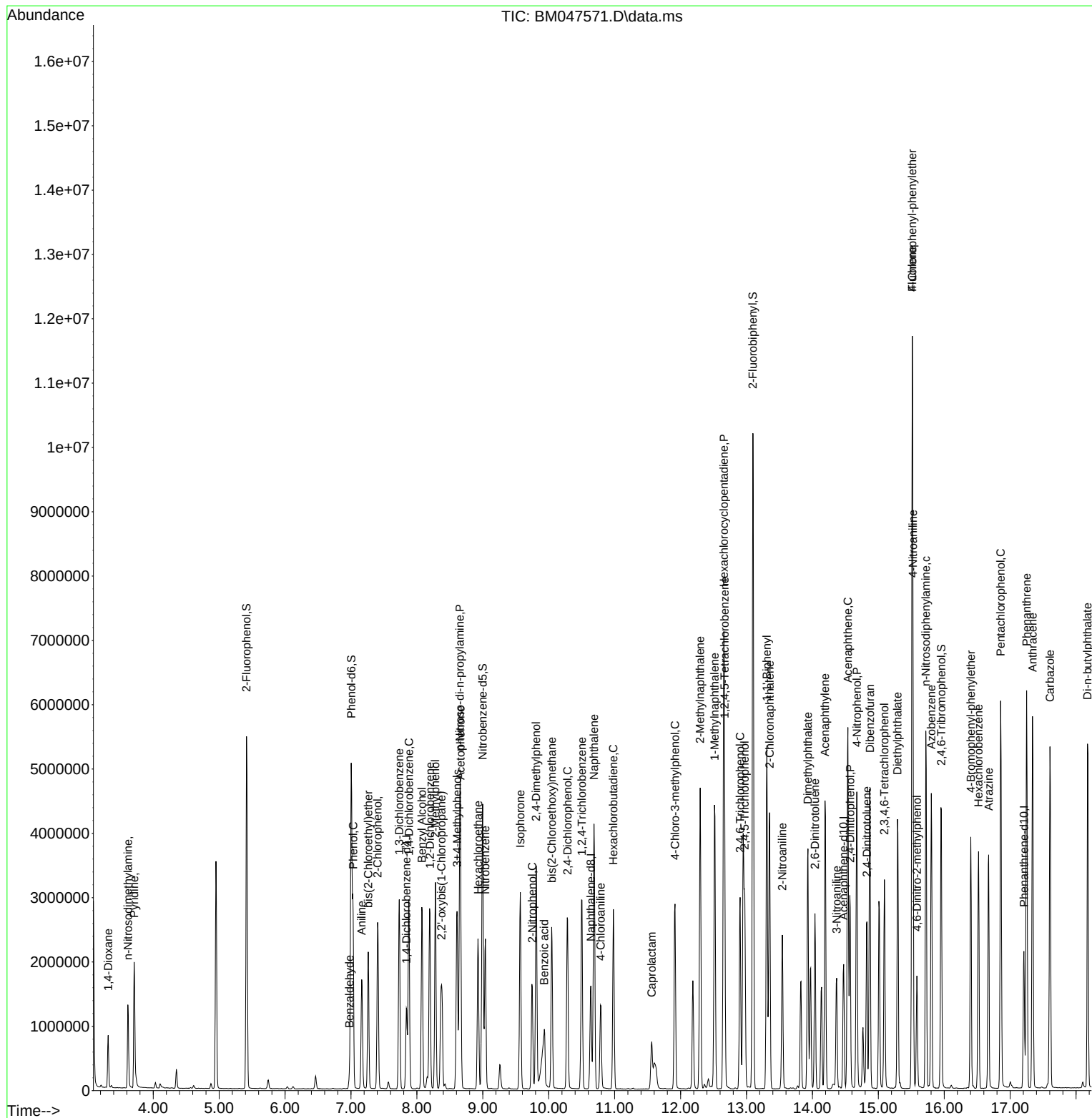
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	644136	54.837	ng	97
46) 1,1'-Biphenyl	13.310	154	2508598	52.558	ng	99
47) 2-Chloronaphthalene	13.351	162	1923154	51.891	ng	99
48) 2-Nitroaniline	13.545	65	615790	56.569	ng	99
49) Acenaphthylene	14.192	152	2935584	54.889	ng	100
50) Dimethylphthalate	13.933	163	2171365	51.932	ng	100
51) 2,6-Dinitrotoluene	14.039	165	451449	51.146	ng	95
52) Acenaphthene	14.539	154	1896723	50.616	ng	99
53) 3-Nitroaniline	14.368	138	385530	39.297	ng	98
54) 2,4-Dinitrophenol	14.574	184	473669	90.357	ng	96
55) Dibenzofuran	14.874	168	2714684	51.553	ng	98
56) 4-Nitrophenol	14.674	139	1032866	127.939	ng	98
57) 2,4-Dinitrotoluene	14.827	165	612763	52.053	ng	99
58) Fluorene	15.515	166	2410613	50.847	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	487400	53.220	ng	94
60) Diethylphthalate	15.292	149	2310114	51.914	ng	98
61) 4-Chlorophenyl-phenyle...	15.515	204	1061796	48.982	ng	99
62) 4-Nitroaniline	15.527	138	578469	50.161	ng	96
63) Azobenzene	15.804	77	2639364	53.867	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	270998	47.553	ng	96
66) n-Nitrosodiphenylamine	15.721	169	1813350	52.891	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	526521	48.351	ng	99
68) Hexachlorobenzene	16.521	284	592329	48.015	ng	98
69) Atrazine	16.674	200	517514	54.613	ng	99
70) Pentachlorophenol	16.856	266	776187	108.541	ng	99
71) Phenanthrene	17.251	178	3168384	51.300	ng	100
72) Anthracene	17.339	178	3110053	52.412	ng	100
73) Carbazole	17.603	167	2957383	50.291	ng	99
74) Di-n-butylphthalate	18.174	149	3754077	53.354	ng	100
75) Fluoranthene	19.256	202	3137370	46.558	ng	97
77) Benzidine	19.439	184	509146	42.601	ng	99
78) Pyrene	19.621	202	3279498	52.981	ng	99
80) Butylbenzylphthalate	20.515	149	1467294	61.577	ng	95
81) Benzo(a)anthracene	21.415	228	2901668	52.459	ng	100
82) 3,3'-Dichlorobenzidine	21.338	252	848677	57.679	ng	99
83) Chrysene	21.480	228	2668012	50.996	ng	99
84) Bis(2-ethylhexyl)phtha...	21.350	149	2290993	61.374	ng	99
85) Di-n-octyl phthalate	22.491	149	3418679	64.747	ng	99
87) Indeno(1,2,3-cd)pyrene	27.885	276	3122286	70.913	ng	98
88) Benzo(b)fluoranthene	23.503	252	2669630	56.081	ng	98
89) Benzo(k)fluoranthene	23.568	252	2622176	55.581	ng	98
90) Benzo(a)pyrene	24.315	252	2188627	56.096	ng	97
91) Dibenzo(a,h)anthracene	27.950	278	2653606	71.634	ng	100
92) Benzo(g,h,i)perylene	28.950	276	2610752	72.148	ng	98

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

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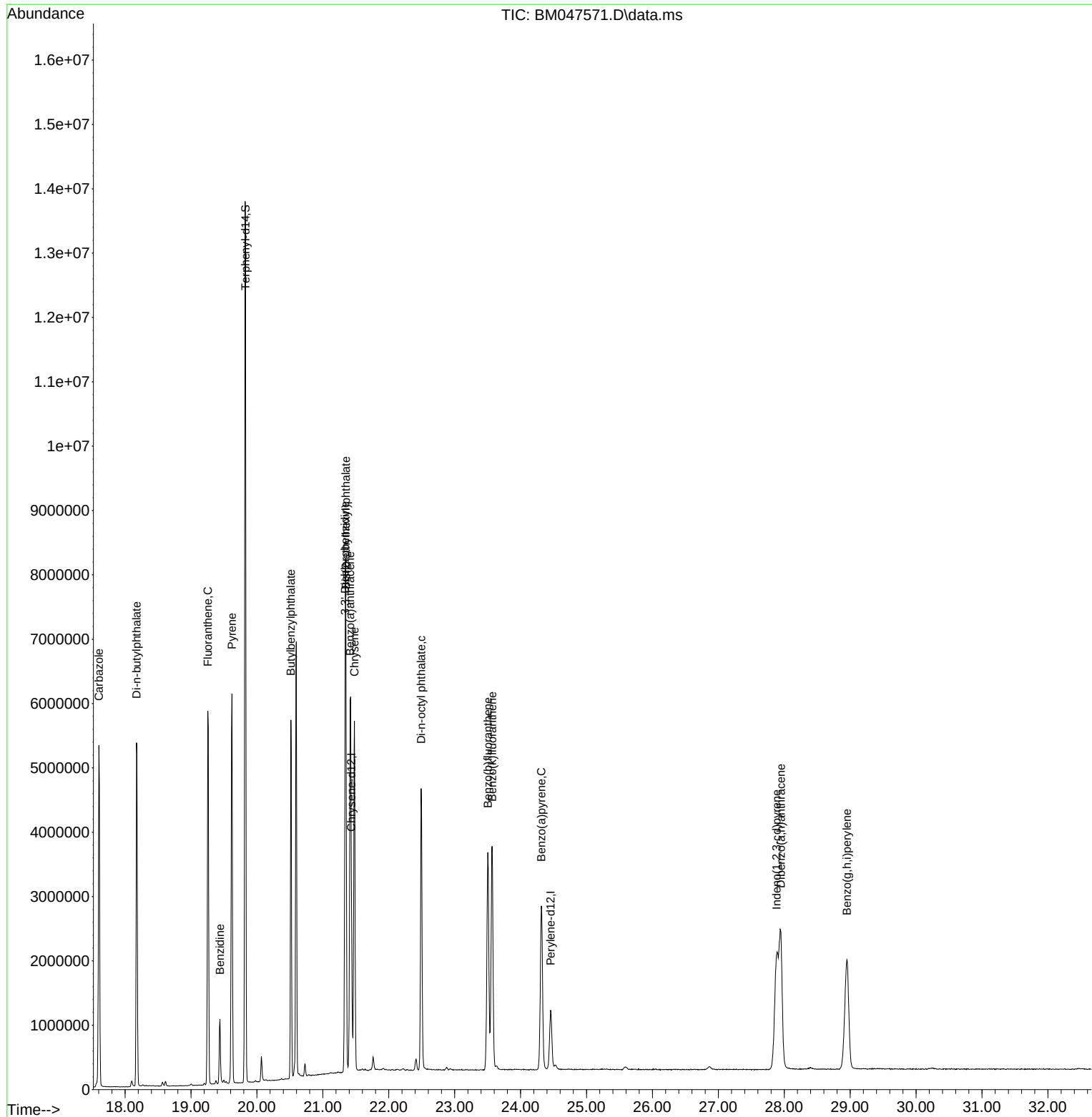
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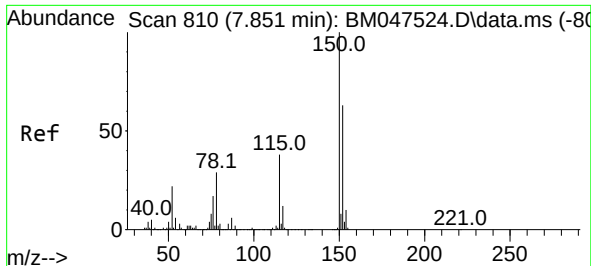


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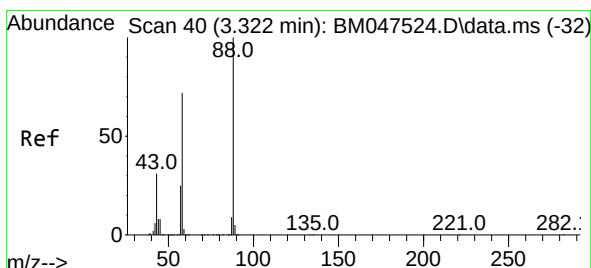
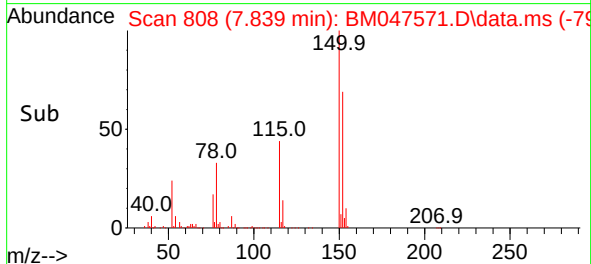
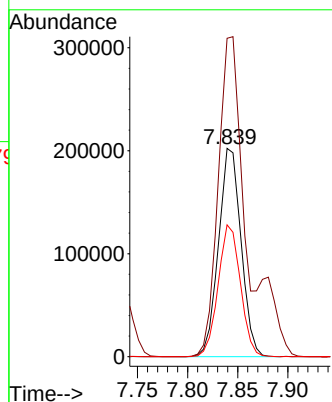
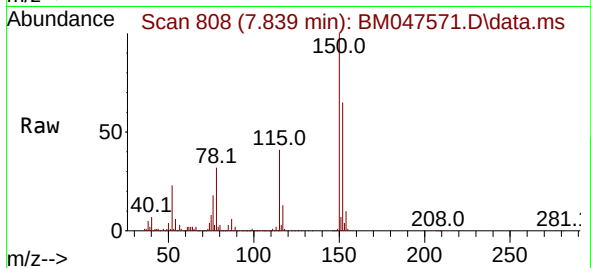




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM047571.D
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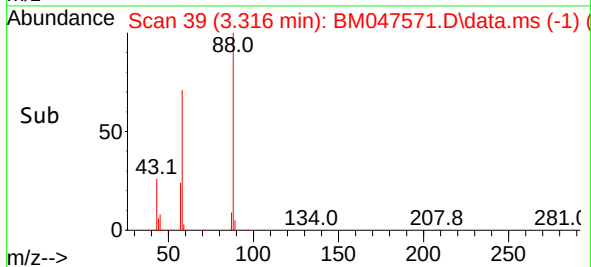
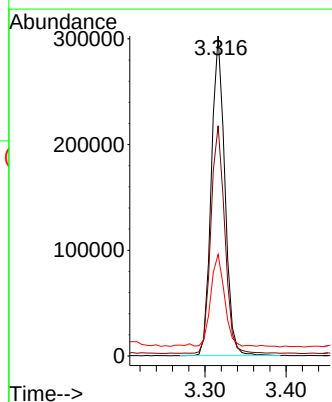
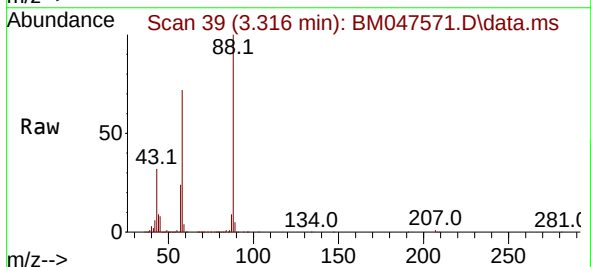
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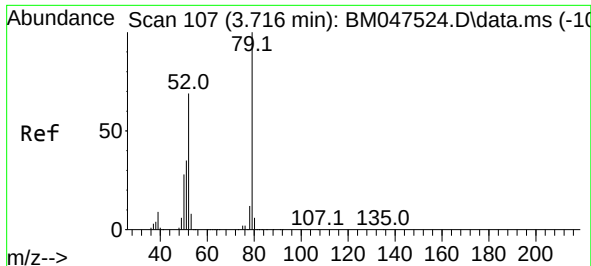
Tgt Ion:152 Resp: 316365
Ion Ratio Lower Upper
152 100
150 152.8 126.8 190.2
115 63.3 47.8 71.8



#2
1,4-Dioxane
Concen: 41.083 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion: 88 Resp: 349631
Ion Ratio Lower Upper
88 100
58 73.4 59.0 88.6
43 29.8 25.0 37.4

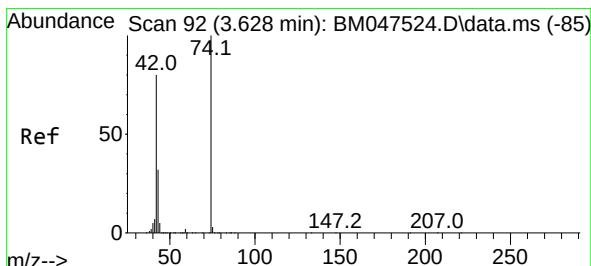
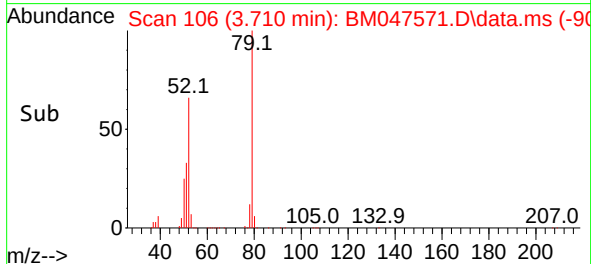
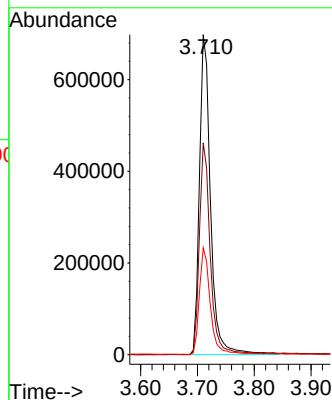
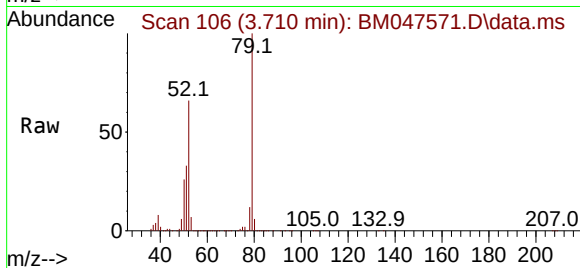




#3
Pyridine
Concen: 37.568 ng
RT: 3.710 min Scan# 107
Delta R.T. -0.006 min
Lab File: BM047571.D
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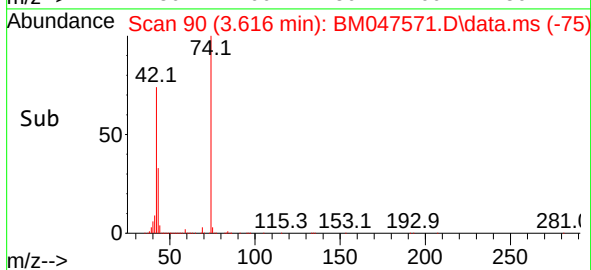
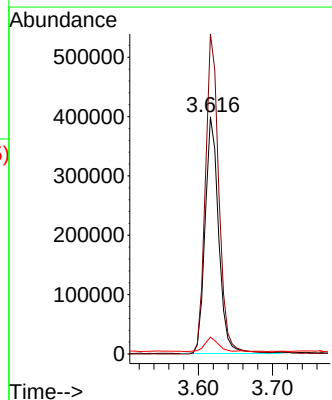
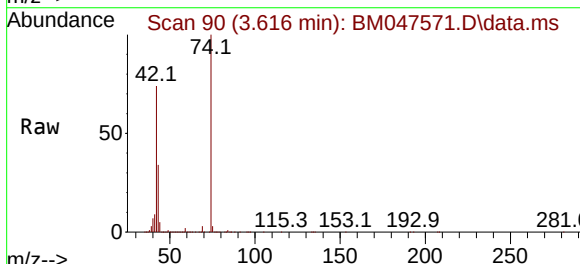
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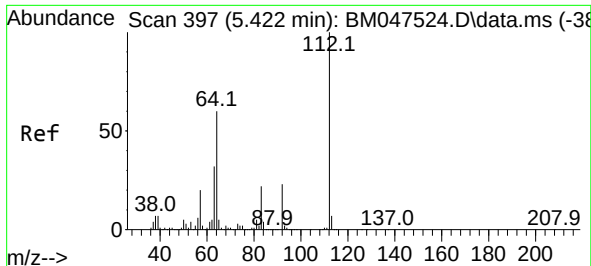
Tgt Ion: 79 Resp: 951693
Ion Ratio Lower Upper
79 100
52 66.2 55.4 83.0
51 33.4 27.9 41.9



#4
n-Nitrosodimethylamine
Concen: 44.217 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion: 42 Resp: 508223
Ion Ratio Lower Upper
42 100
74 135.0 100.5 150.7
44 7.1 6.9 10.3

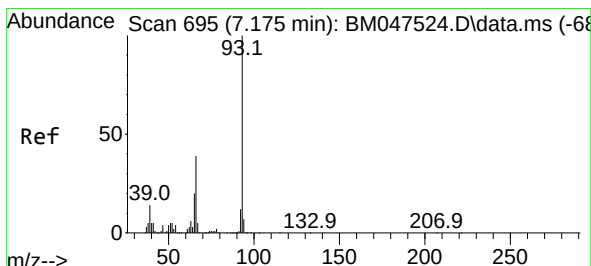
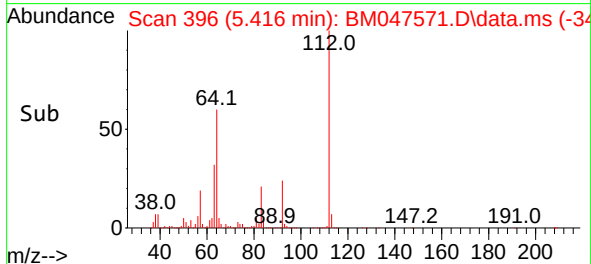
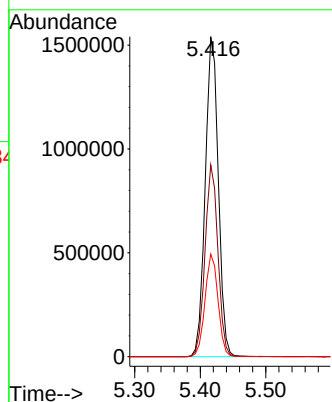
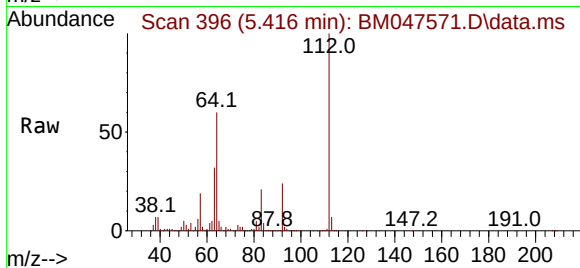




#5
2-Fluorophenol
Concen: 107.858 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047571.D
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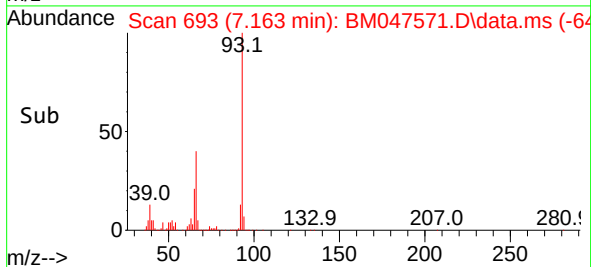
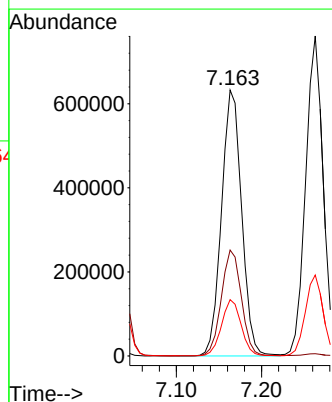
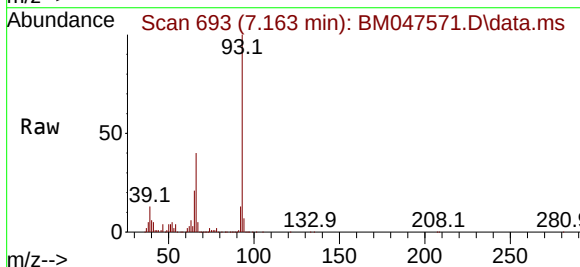
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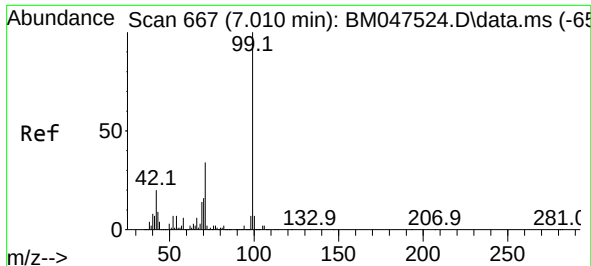
Tgt Ion:112 Resp: 2143078
Ion Ratio Lower Upper
112 100
64 59.9 48.2 72.4
63 32.1 26.0 39.0



#6
Aniline
Concen: 41.912 ng
RT: 7.163 min Scan# 693
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion: 93 Resp: 1039725
Ion Ratio Lower Upper
93 100
66 39.8 31.4 47.0
65 21.2 16.3 24.5

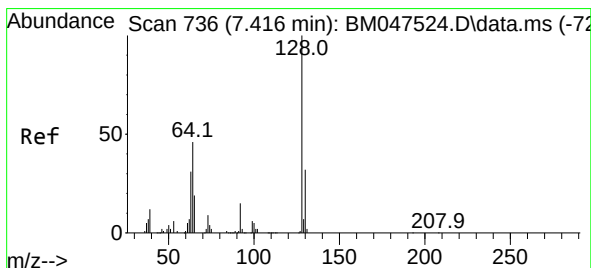
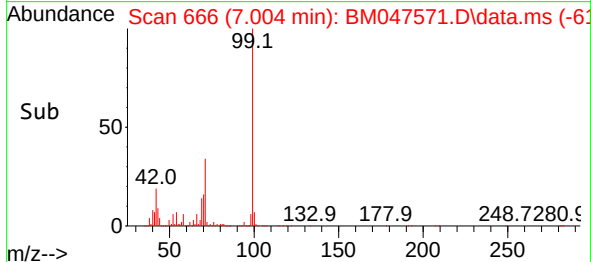
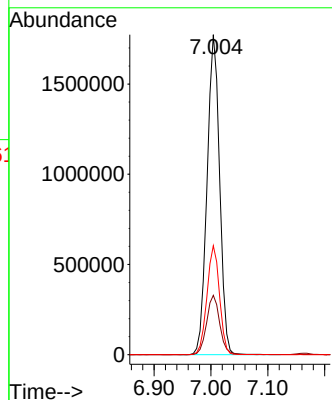
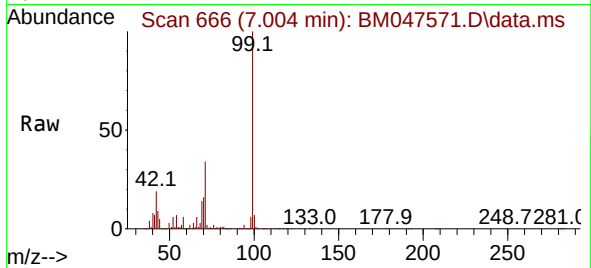




#7
Phenol-d6
Concen: 96.794 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

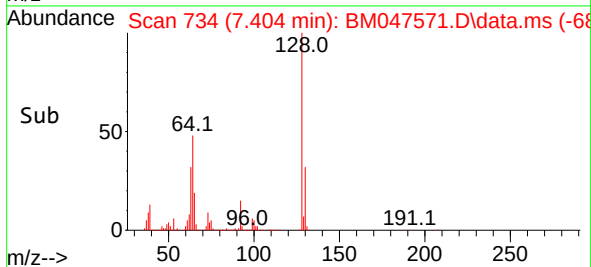
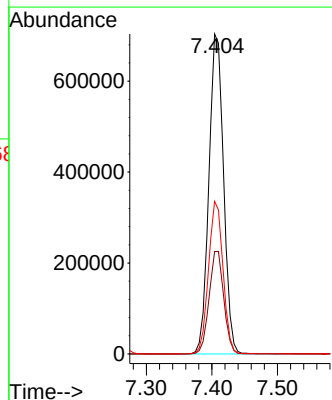
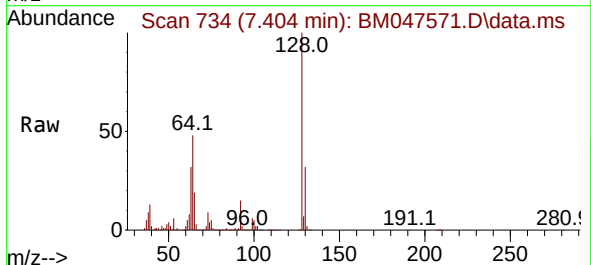
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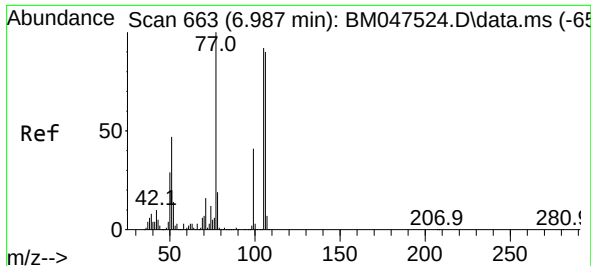
Tgt Ion: 99 Resp: 2708462
Ion Ratio Lower Upper
99 100
42 18.5 15.8 23.8
71 34.1 27.6 41.4



#8
2-Chlorophenol
Concen: 50.105 ng
RT: 7.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion: 128 Resp: 1097487
Ion Ratio Lower Upper
128 100
130 32.0 11.8 51.8
64 47.7 27.6 67.6

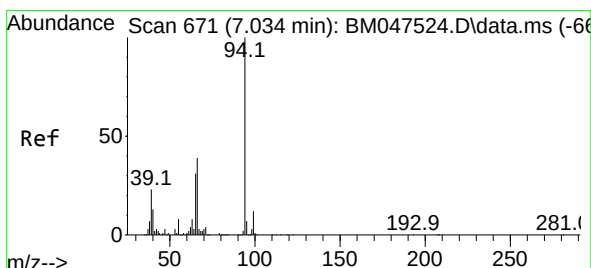
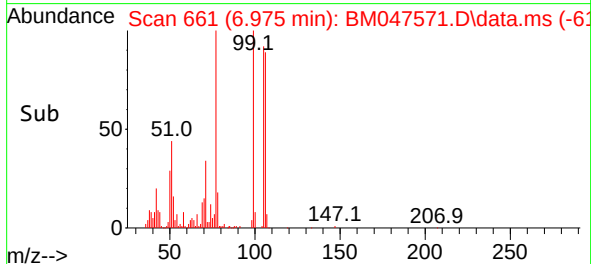
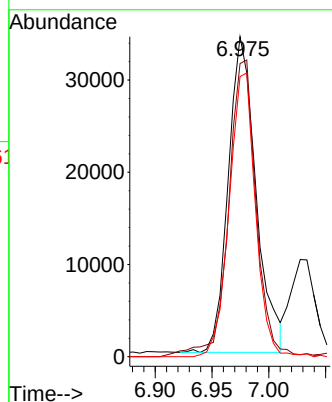
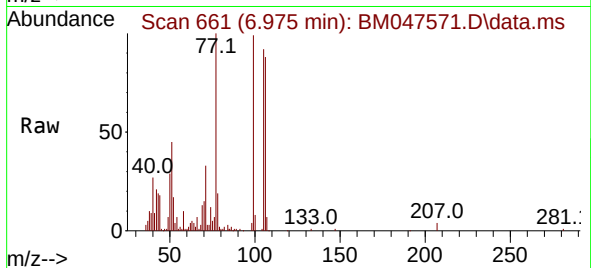




#9
Benzaldehyde
Concen: 4.366 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.012 min
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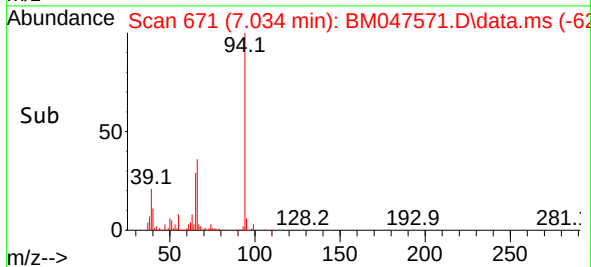
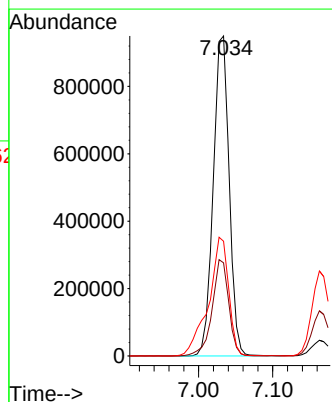
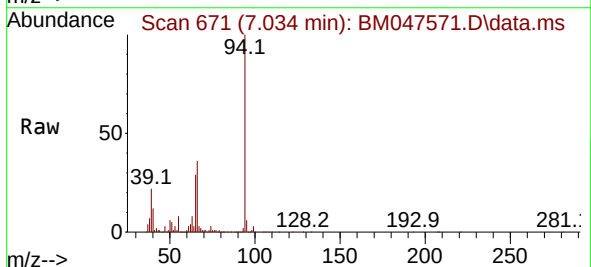
Instrument :
BNA_M
ClientSampleId :
PB163344BS

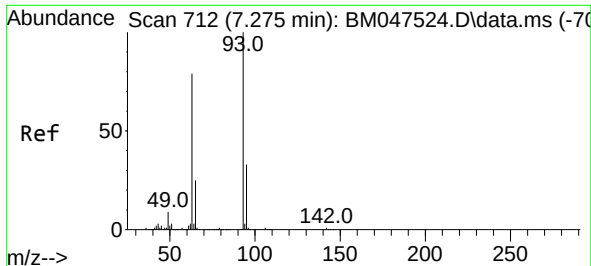
Tgt Ion: 77 Resp: 58085
Ion Ratio Lower Upper
77 100
105 91.6 71.8 111.8
106 87.6 69.7 109.7



#10
Phenol
Concen: 50.576 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.000 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion: 94 Resp: 1417025
Ion Ratio Lower Upper
94 100
65 29.1 10.8 50.8
66 35.9 19.2 59.2



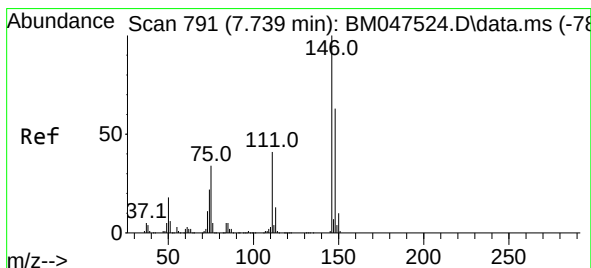
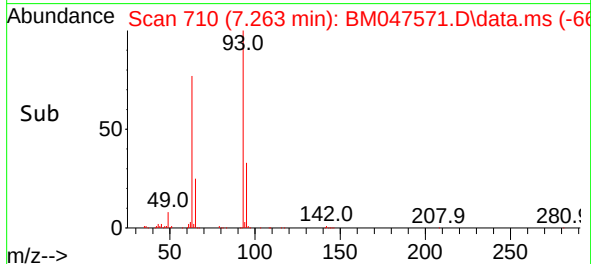
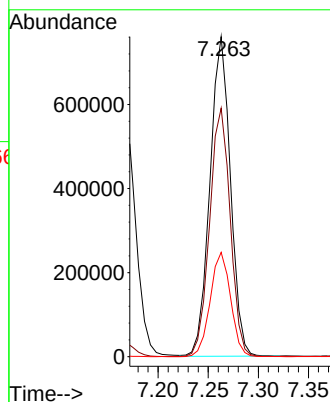
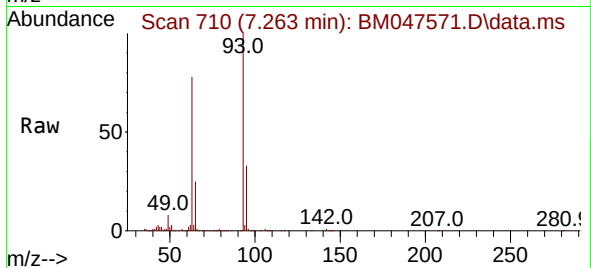


#11
bis(2-Chloroethyl)ether
Concen: 48.074 ng
RT: 7.263 min Scan# 712
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Instrument :
BNA_M
ClientSampleId :
PB163344BS

Tgt Ion: 93 Resp: 1081352

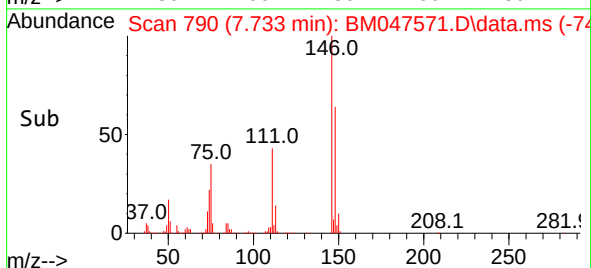
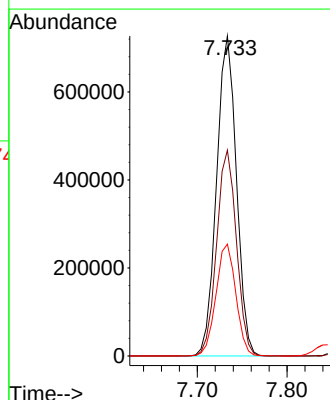
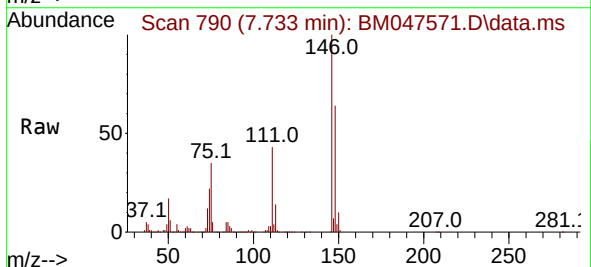
Ion	Ratio	Lower	Upper
93	100		
63	77.6	58.2	98.2
95	32.6	12.8	52.8

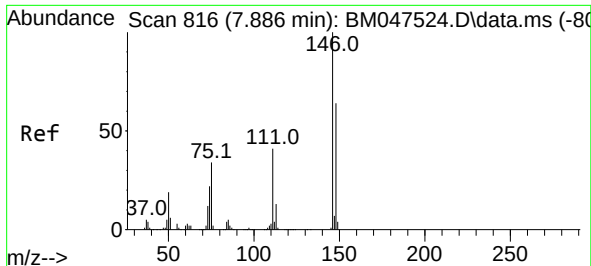


#12
1,3-Dichlorobenzene
Concen: 46.625 ng
RT: 7.733 min Scan# 790
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion: 146 Resp: 1117852

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.2	75.4
75	35.0	27.4	41.0

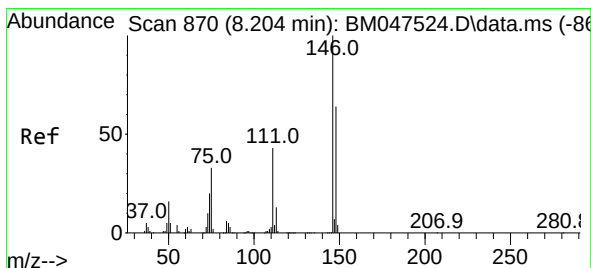
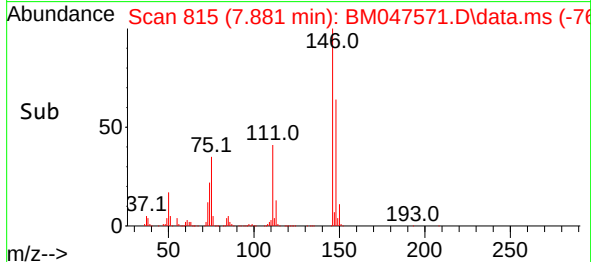
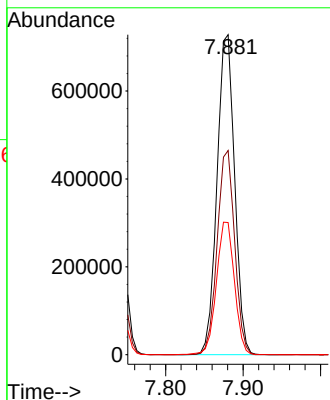
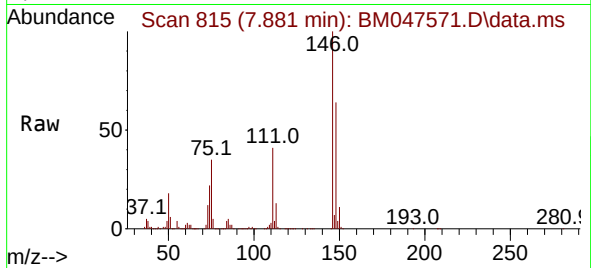




#13
1,4-Dichlorobenzene
Concen: 47.065 ng
RT: 7.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

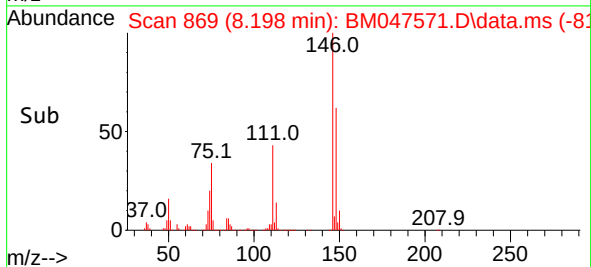
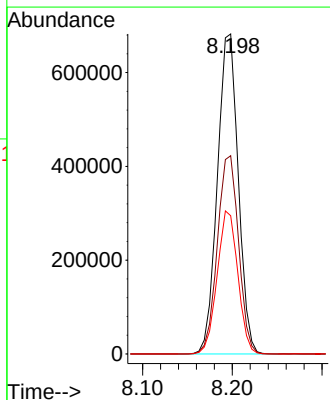
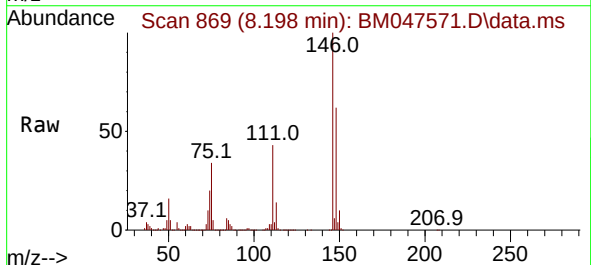
Instrument :
BNA_M
ClientSampleId :
PB163344BS

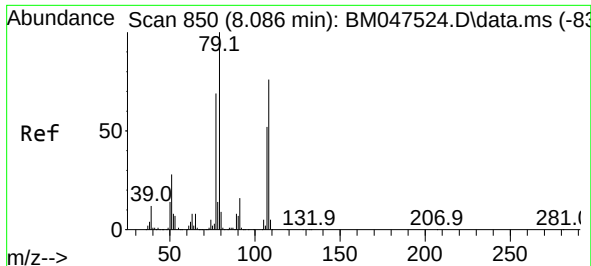
Tgt Ion:146 Resp: 1149316
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
111 41.3 32.9 49.3



#14
1,2-Dichlorobenzene
Concen: 45.873 ng
RT: 8.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:146 Resp: 1102423
Ion Ratio Lower Upper
146 100
148 62.0 51.1 76.7
111 43.2 34.7 52.1

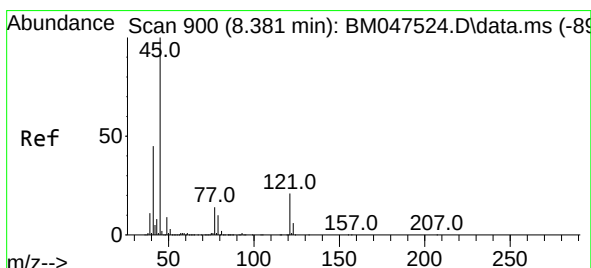
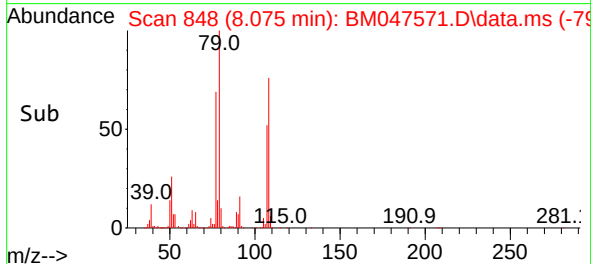
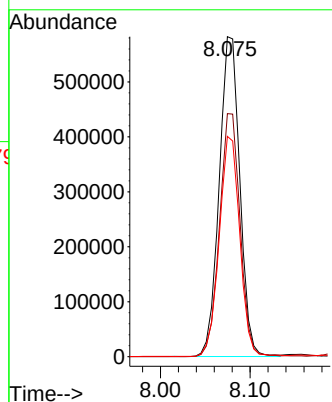
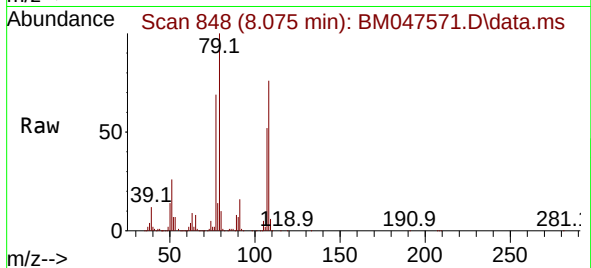




#15
Benzyl Alcohol
Concen: 48.987 ng
RT: 8.075 min Scan# 84
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

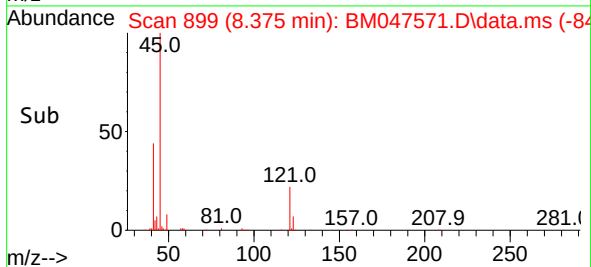
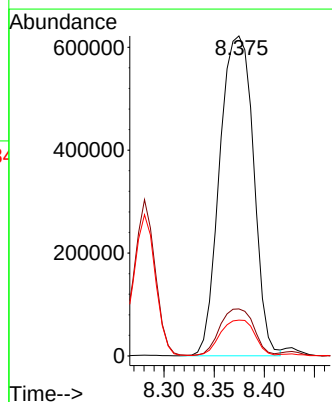
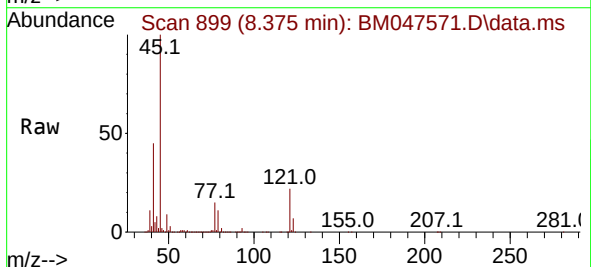
Instrument :
BNA_M
ClientSampleId :
PB163344BS

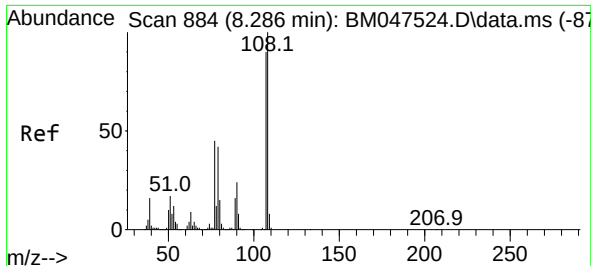
Tgt Ion: 79 Resp: 928511
Ion Ratio Lower Upper
79 100
108 75.9 60.6 91.0
77 68.9 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.082 ng
RT: 8.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion: 45 Resp: 1458087
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.7
79 11.2 0.0 30.3

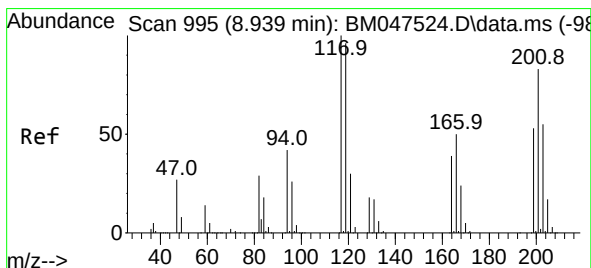
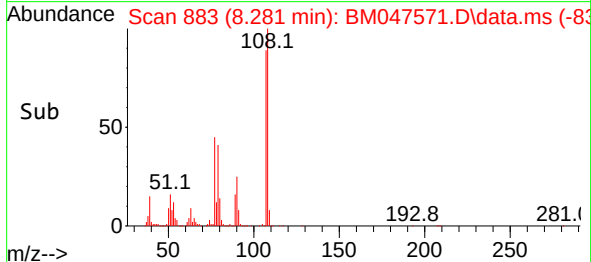
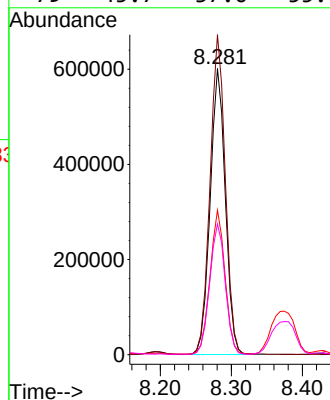
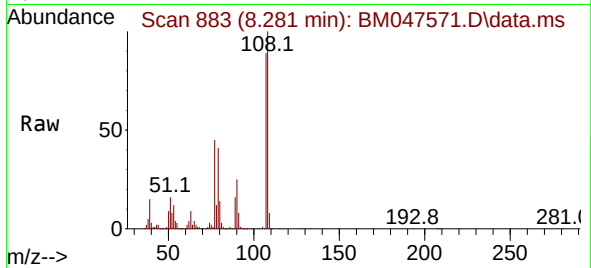




#17
2-Methylphenol
Concen: 49.771 ng
RT: 8.281 min Scan# 884
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

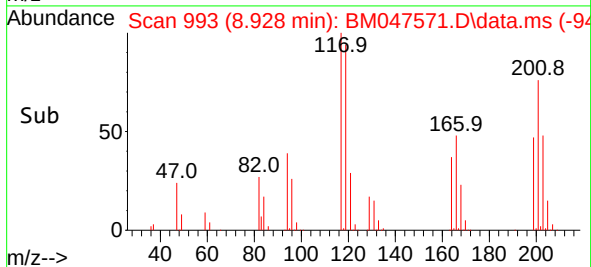
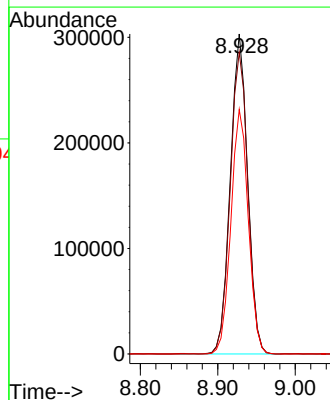
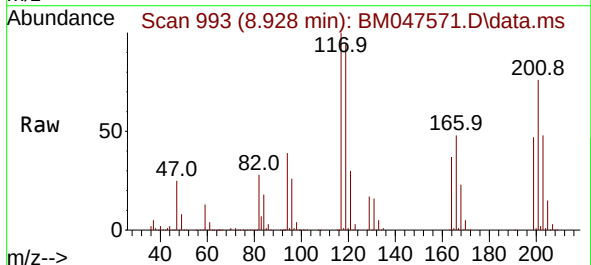
Instrument :
BNA_M
ClientSampleId :
PB163344BS

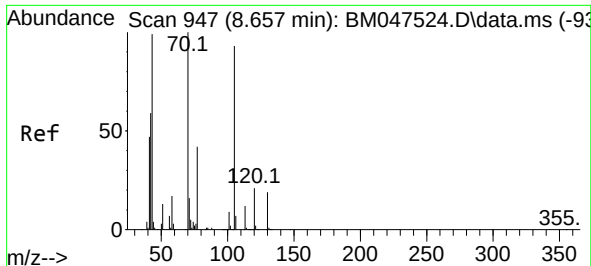
Tgt Ion:	107	Resp:	890833
Ion	Ratio	Lower	Upper
107	100		
108	111.8	88.9	133.3
77	50.5	39.8	59.8
79	45.7	37.0	55.6



#18
Hexachloroethane
Concen: 48.431 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:	117	Resp:	472448
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.0	115.4
201	76.4	66.8	100.2

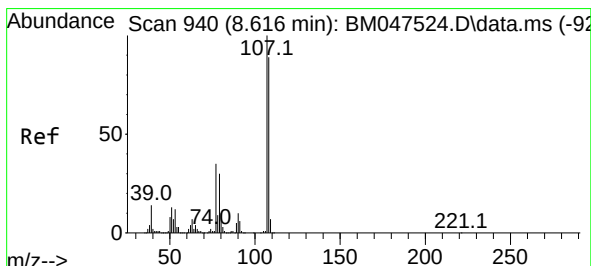
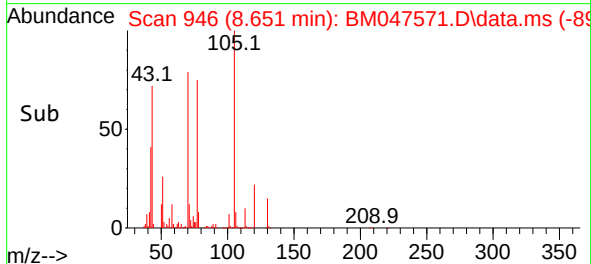
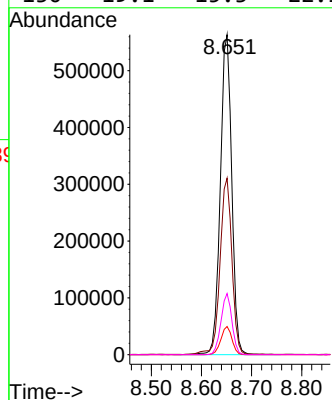
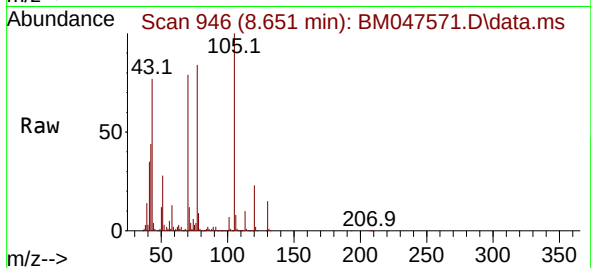




#19
n-Nitroso-di-n-propylamine
Concen: 47.110 ng
RT: 8.651 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

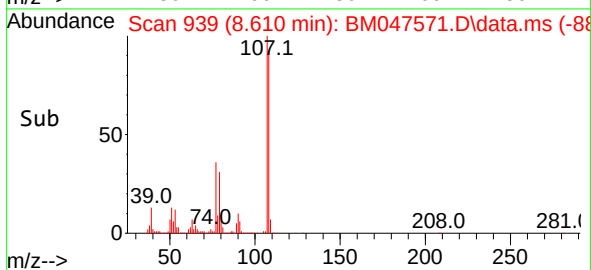
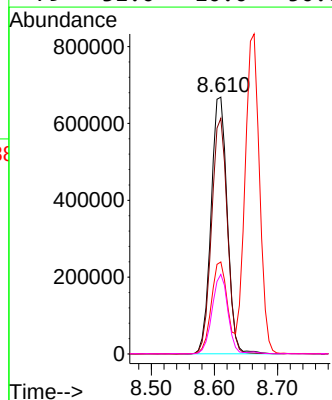
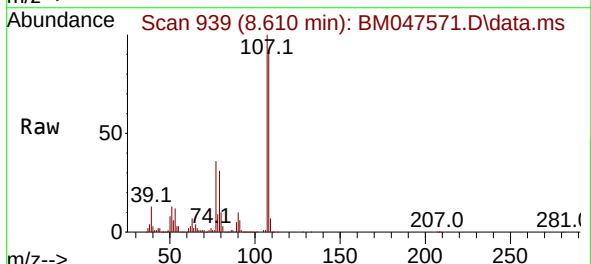
Instrument :
BNA_M
ClientSampleId :
PB163344BS

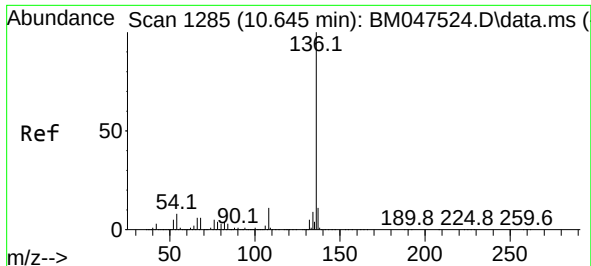
Tgt Ion: 70 Resp: 888795
Ion Ratio Lower Upper
70 100
42 55.2 48.2 72.2
101 8.8 7.0 10.4
130 19.1 15.3 22.9



#20
3+4-Methylphenols
Concen: 47.655 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:107 Resp: 1190166
Ion Ratio Lower Upper
107 100
108 91.8 68.9 108.9
77 35.8 15.5 55.5
79 31.0 10.0 50.0

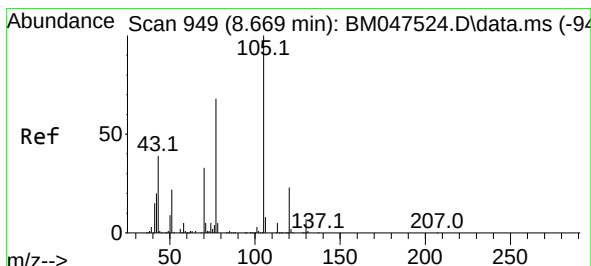
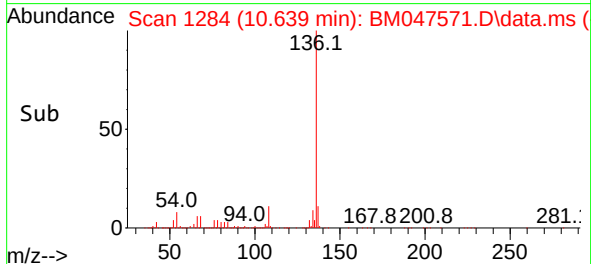
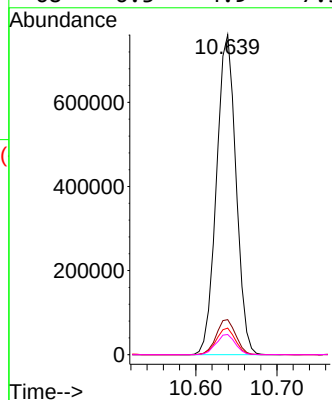
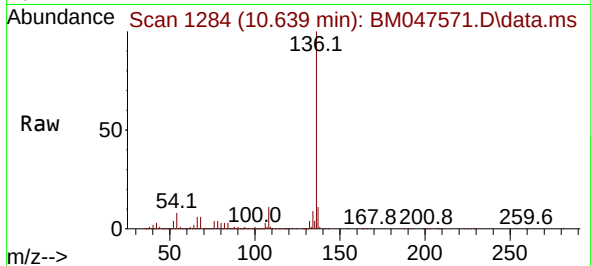




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

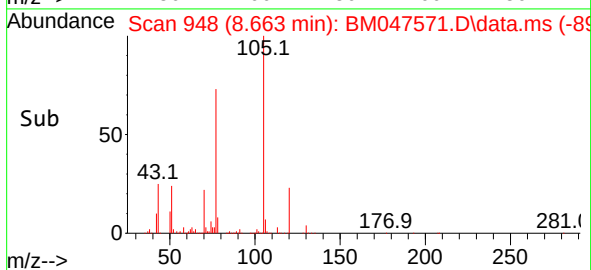
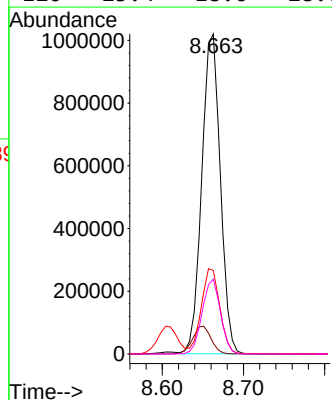
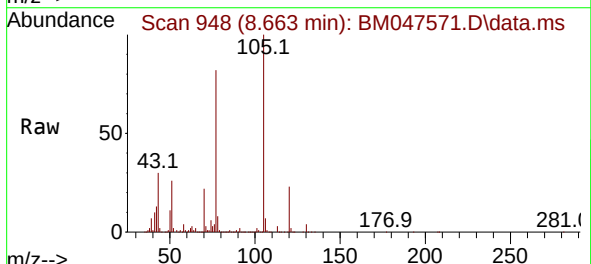
Instrument :
BNA_M
ClientSampleId :
PB163344BS

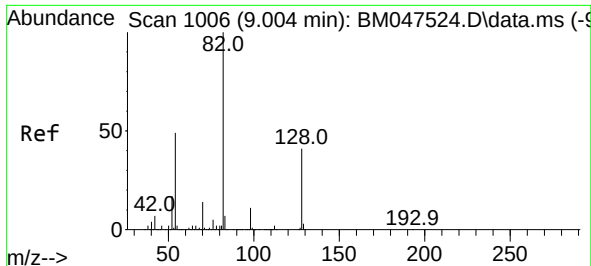
Tgt Ion:136 Resp: 1270819
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.3 6.6 9.8
68 6.3 4.9 7.3



#22
Acetophenone
Concen: 48.515 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:105 Resp: 1620913
Ion Ratio Lower Upper
105 100
71 3.4 4.3 6.5#
51 26.1 21.5 32.3
120 23.4 18.6 28.0

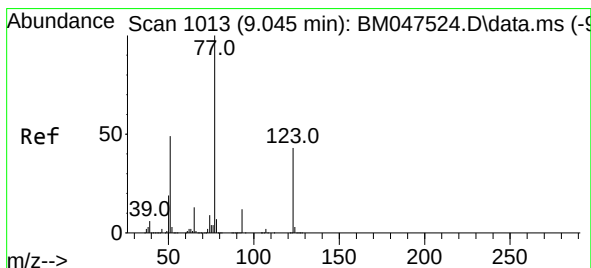
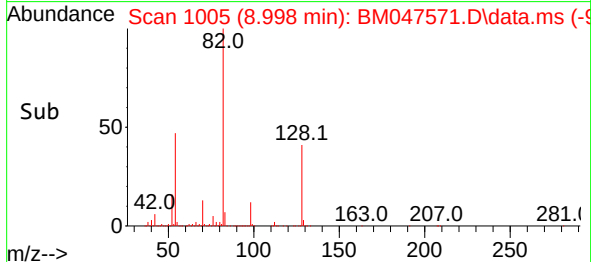
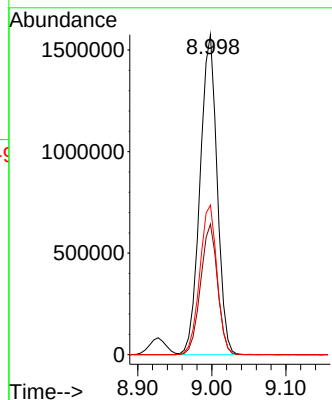
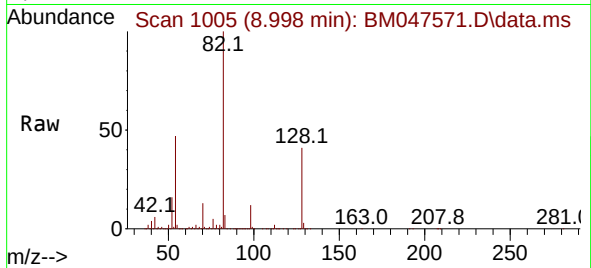




#23
Nitrobenzene-d5
Concen: 99.102 ng
RT: 8.998 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

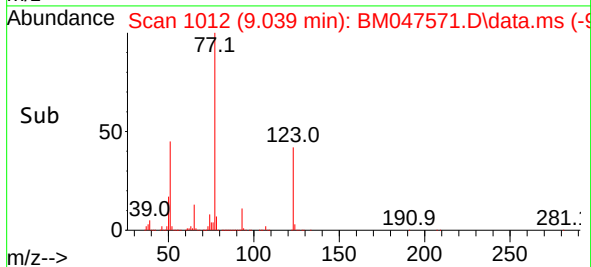
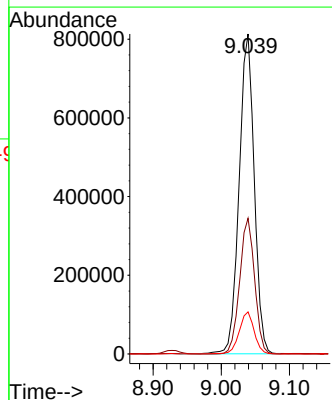
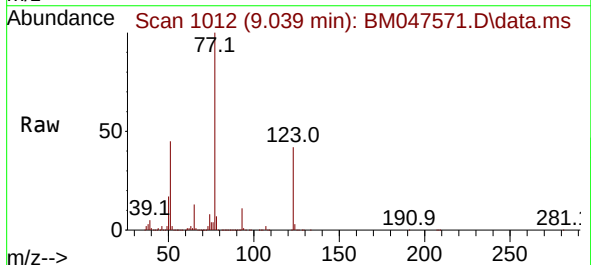
Instrument :
BNA_M
ClientSampleId :
PB163344BS

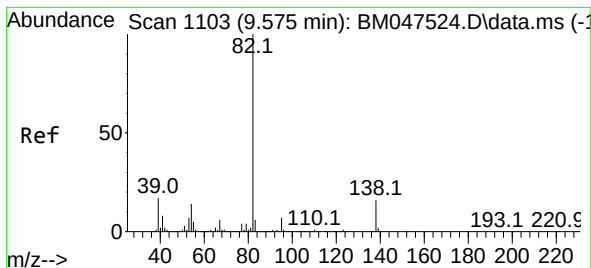
Tgt Ion: 82 Resp: 2516497
Ion Ratio Lower Upper
82 100
128 40.8 33.0 49.4
54 46.8 39.3 58.9



#24
Nitrobenzene
Concen: 47.927 ng
RT: 9.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion: 77 Resp: 1250556
Ion Ratio Lower Upper
77 100
123 42.4 34.5 51.7
65 13.2 10.7 16.1





#25

Isophorone

Concen: 48.413 ng

RT: 9.569 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

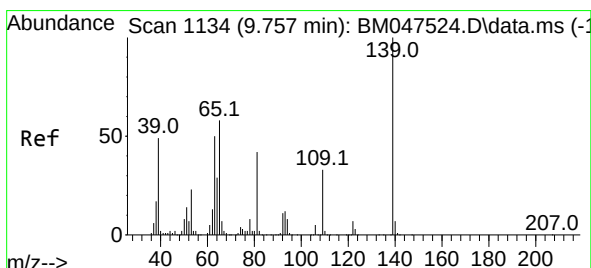
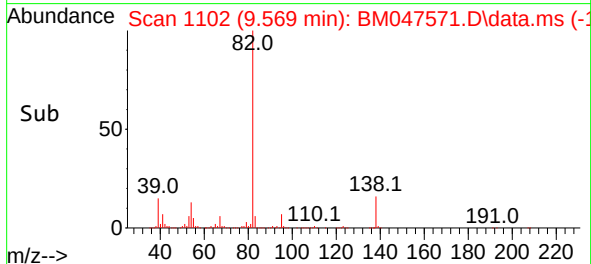
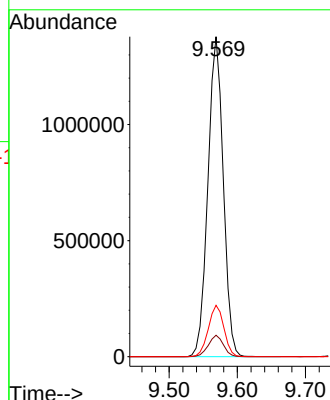
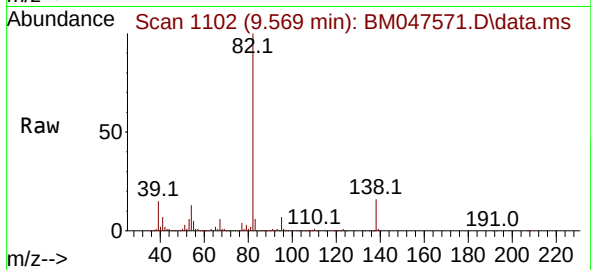
Tgt Ion: 82 Resp: 2161267

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 16.1 12.9 19.3



#26

2-Nitrophenol

Concen: 53.645 ng

RT: 9.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

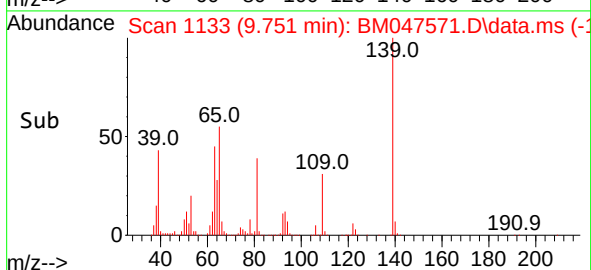
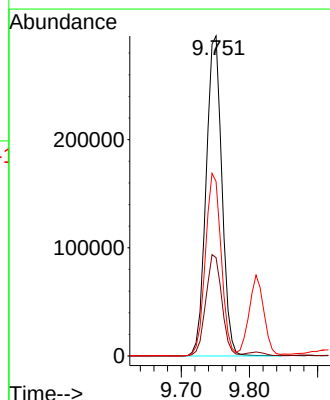
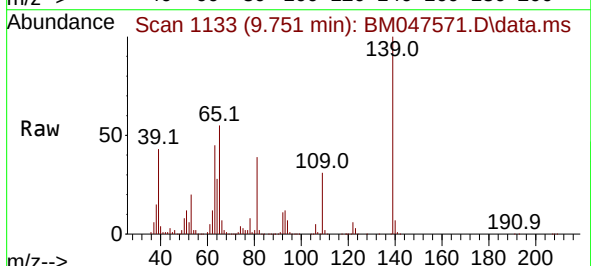
Tgt Ion:139 Resp: 476989

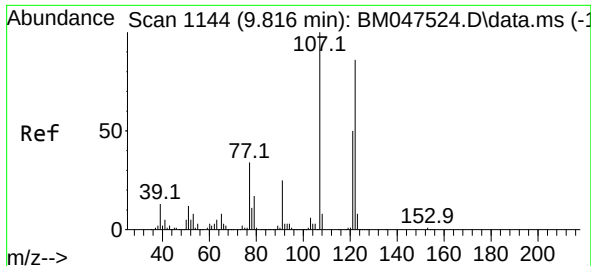
Ion Ratio Lower Upper

139 100

109 30.7 26.0 39.0

65 54.6 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 72.339 ng

RT: 9.810 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

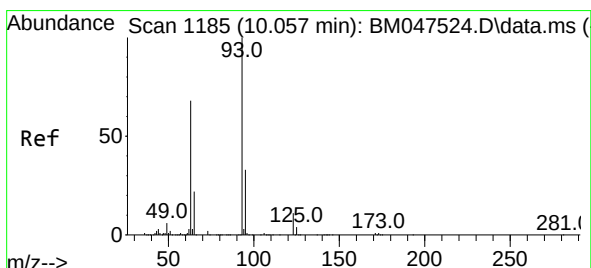
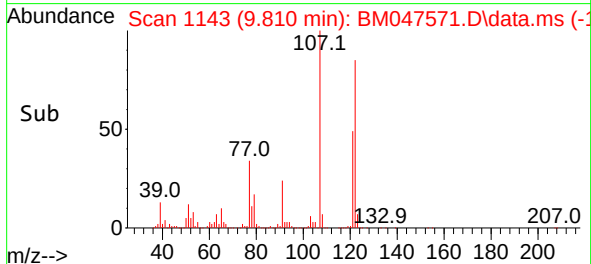
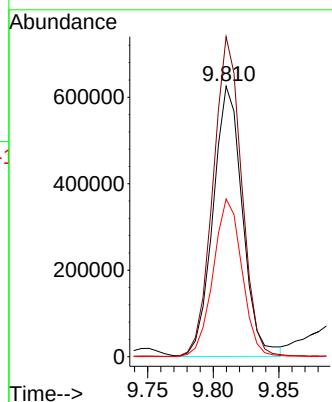
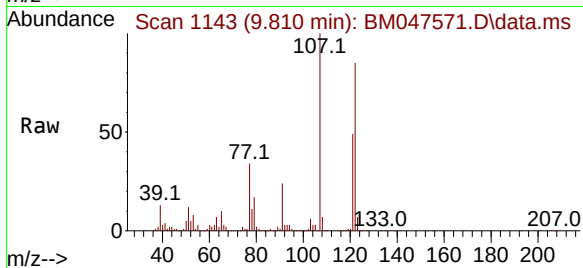
Tgt Ion:122 Resp: 975033

Ion Ratio Lower Upper

122 100

107 118.3 92.4 138.6

121 58.4 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 49.253 ng

RT: 10.045 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

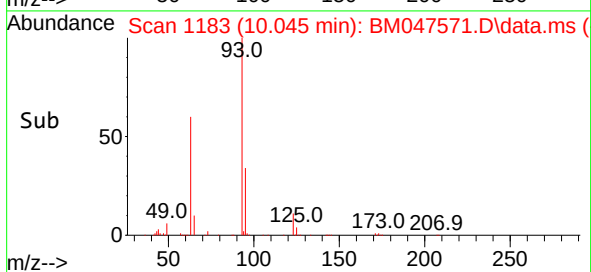
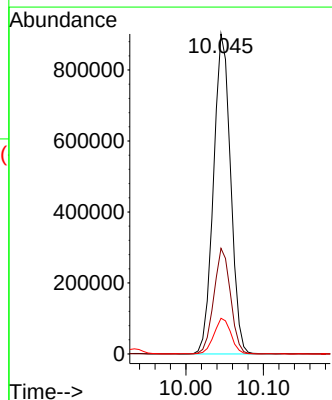
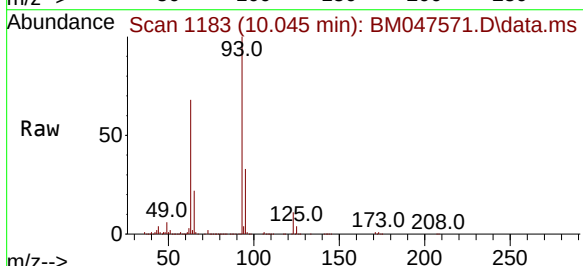
Tgt Ion: 93 Resp: 1381112

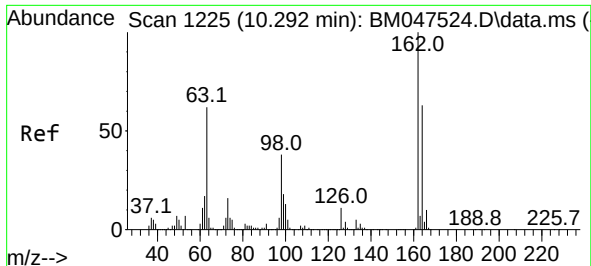
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.019 ng

RT: 10.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

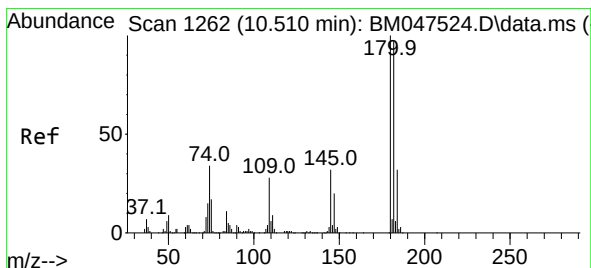
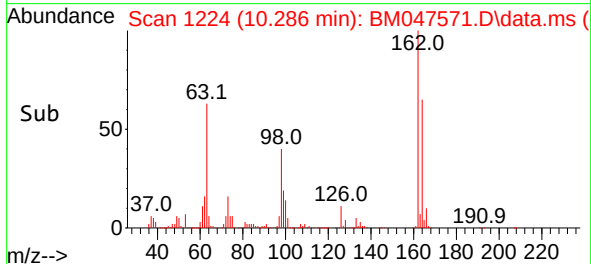
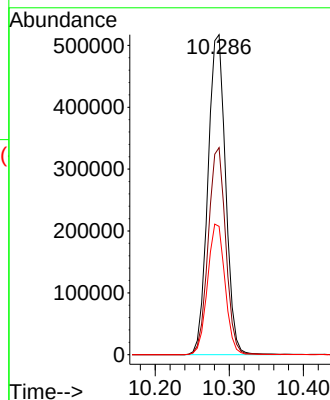
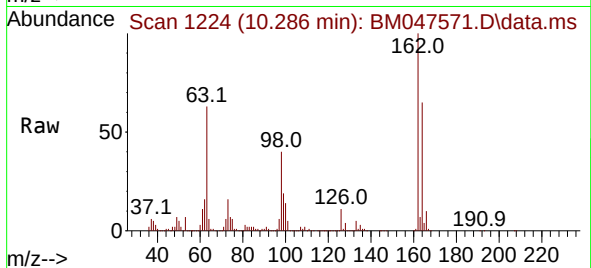
Tgt Ion:162 Resp: 856531

Ion Ratio Lower Upper

162 100

164 64.7 43.5 83.5

98 40.1 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 45.725 ng

RT: 10.504 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

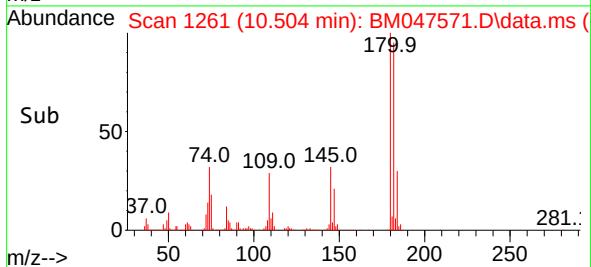
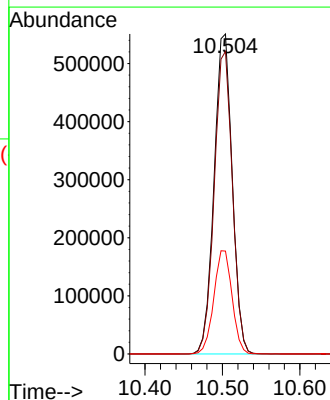
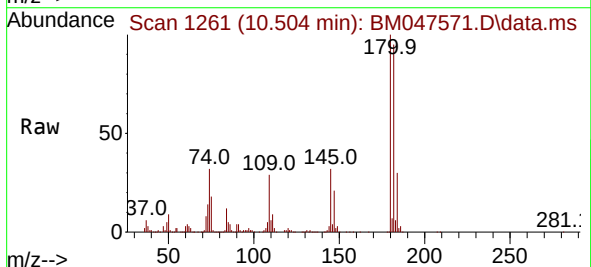
Tgt Ion:180 Resp: 896924

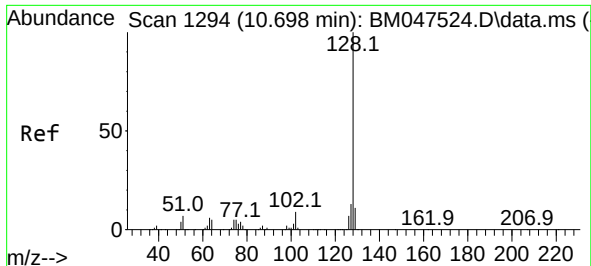
Ion Ratio Lower Upper

180 100

182 94.6 77.6 116.4

145 32.2 25.4 38.0

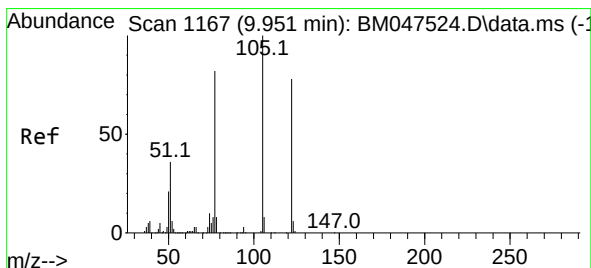
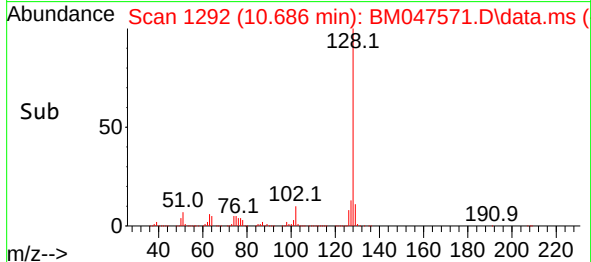
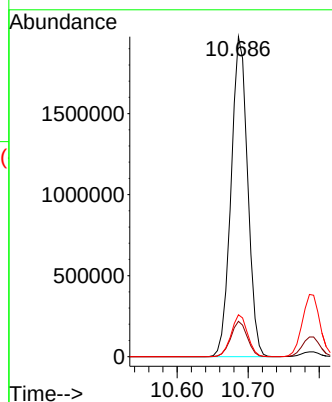
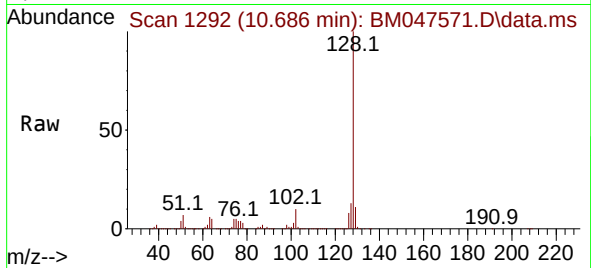




#31
Naphthalene
Concen: 46.670 ng
RT: 10.686 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

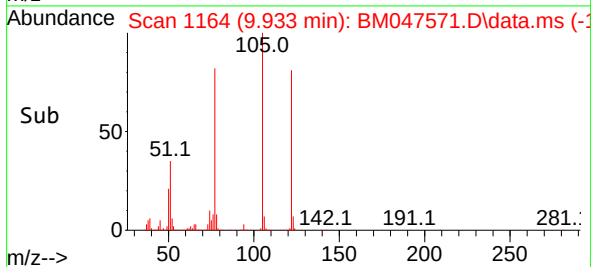
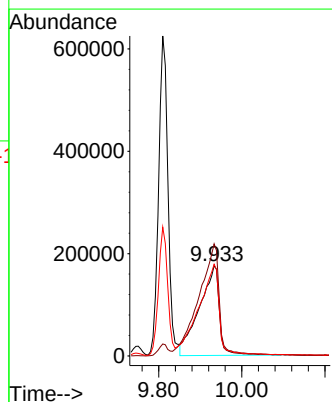
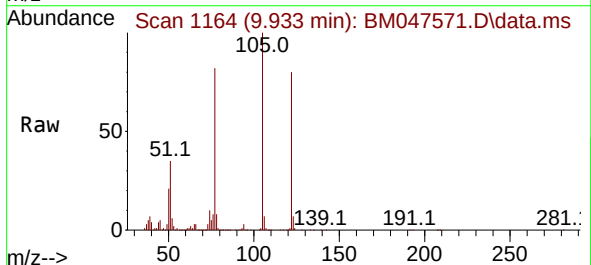
Instrument :
BNA_M
ClientSampleId :
PB163344BS

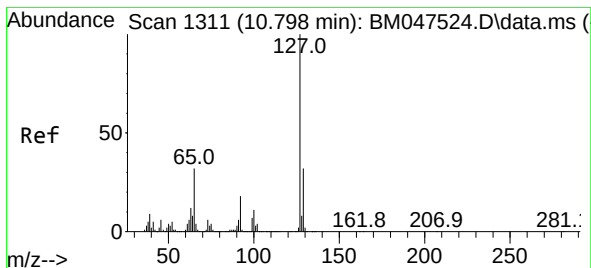
Tgt Ion:128 Resp: 3203179
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 44.782 ng
RT: 9.933 min Scan# 1164
Delta R.T. -0.018 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:122 Resp: 588079
Ion Ratio Lower Upper
122 100
105 124.3 104.7 144.7
77 101.6 83.4 123.4





#33

4-Chloroaniline

Concen: 26.964 ng

RT: 10.786 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

Tgt Ion:127 Resp: 669118

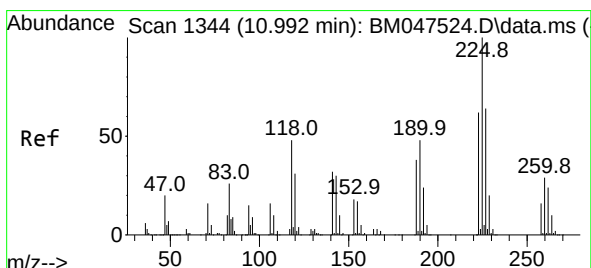
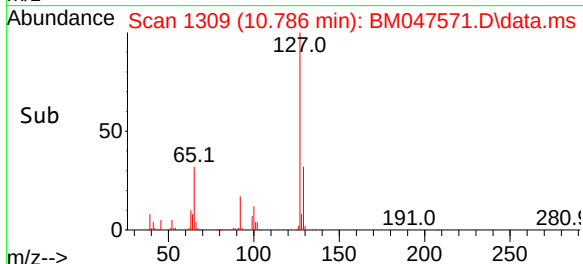
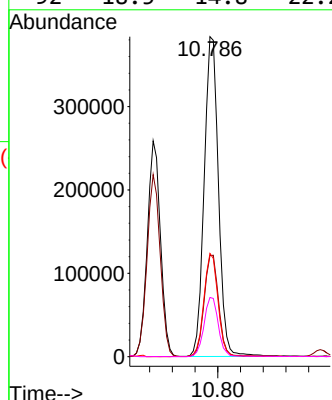
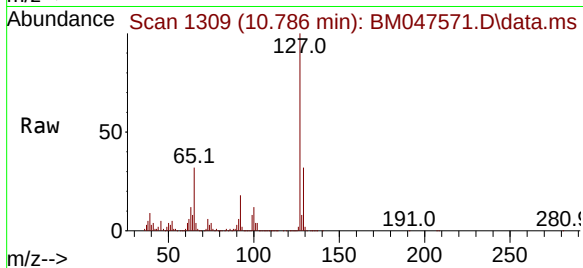
Ion Ratio Lower Upper

127 100

129 31.6 25.4 38.0

65 32.3 25.5 38.3

92 18.5 14.8 22.2



#34

Hexachlorobutadiene

Concen: 43.336 ng

RT: 10.980 min Scan# 1342

Delta R.T. -0.012 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

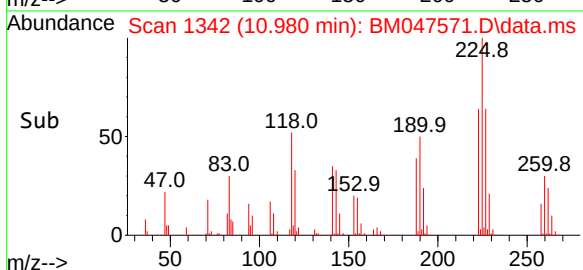
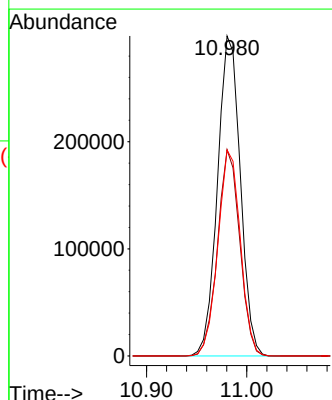
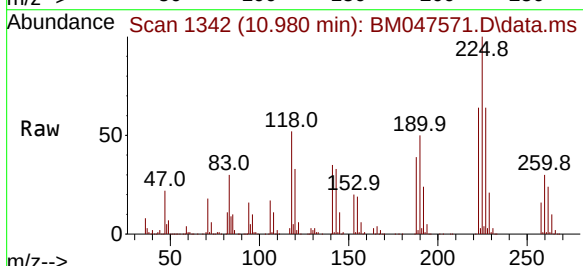
Tgt Ion:225 Resp: 470833

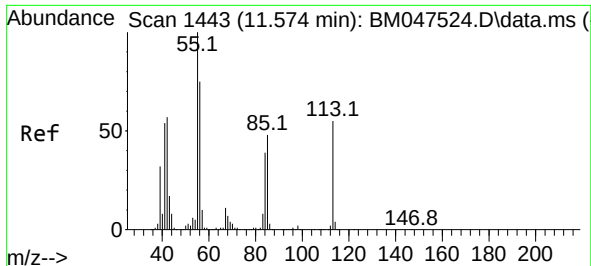
Ion Ratio Lower Upper

225 100

223 64.5 49.8 74.6

227 64.4 51.0 76.4

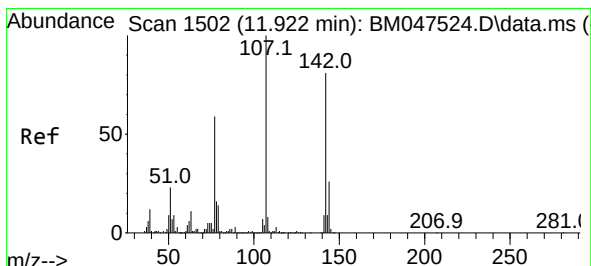
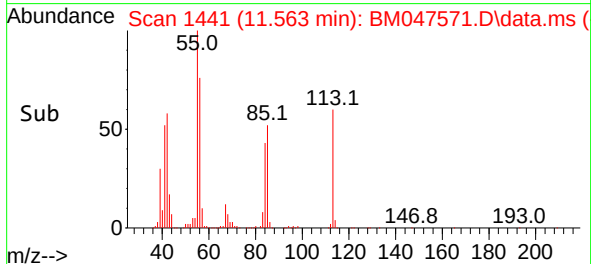
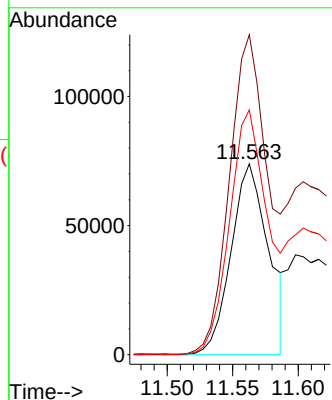
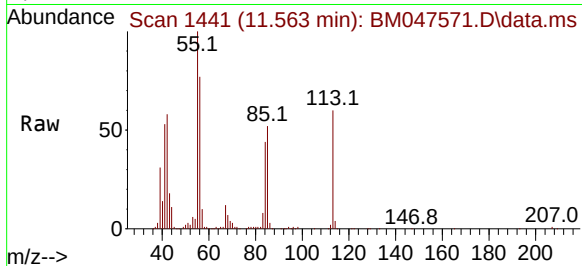




#35
 Caprolactam
 Concen: 25.860 ng
 RT: 11.563 min Scan# 1441
 Delta R.T. -0.012 min
 Lab File: BM047571.D
 Acq: 19 Sep 2024 15:14

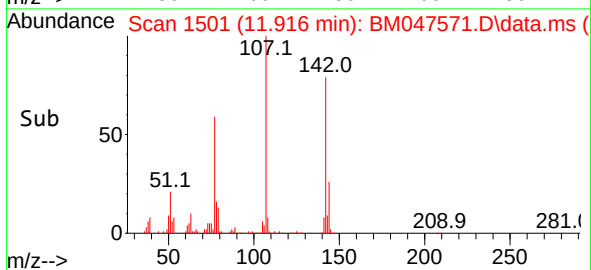
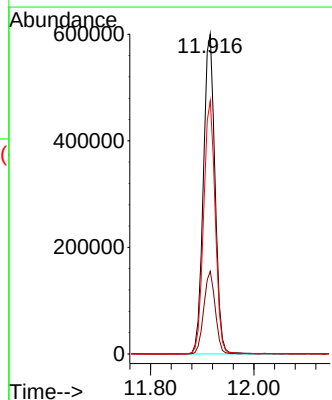
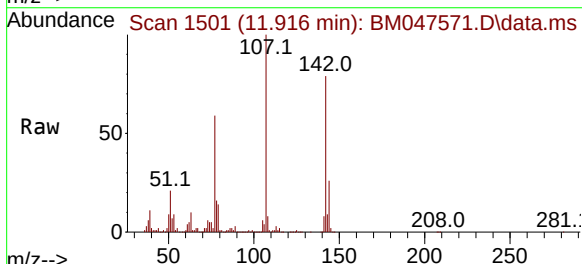
Instrument :
 BNA_M
 ClientSampleId :
 PB163344BS

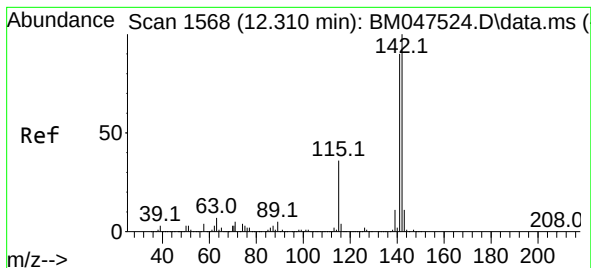
Tgt Ion:113 Resp: 145860
 Ion Ratio Lower Upper
 113 100
 55 167.7 162.5 202.5
 56 128.3 116.5 156.5



#36
 4-Chloro-3-methylphenol
 Concen: 47.740 ng
 RT: 11.916 min Scan# 1501
 Delta R.T. -0.006 min
 Lab File: BM047571.D
 Acq: 19 Sep 2024 15:14

Tgt Ion:107 Resp: 936890
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 79.2 65.0 97.4

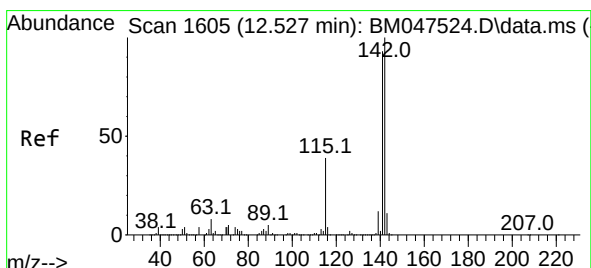
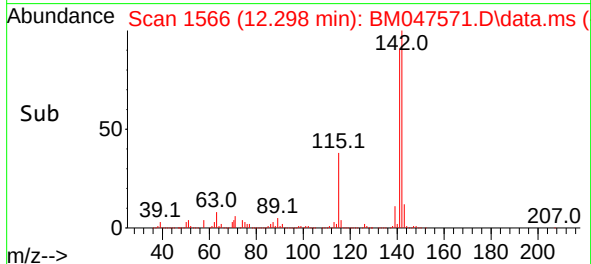
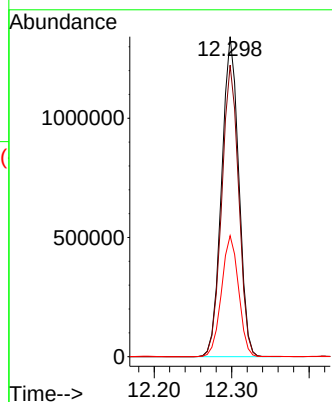
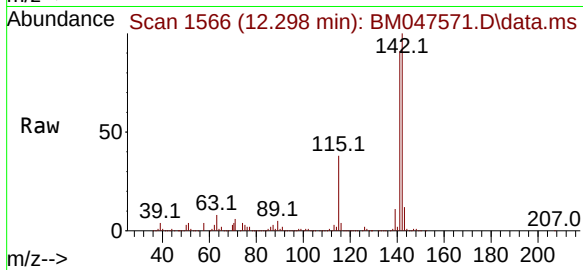




#37
2-Methylnaphthalene
Concen: 45.091 ng
RT: 12.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

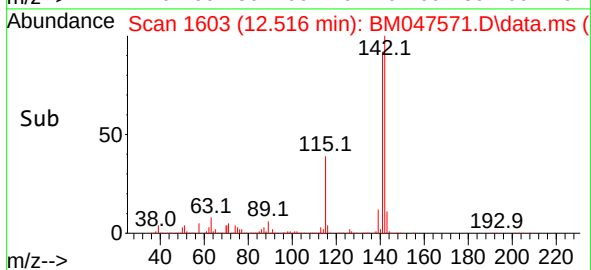
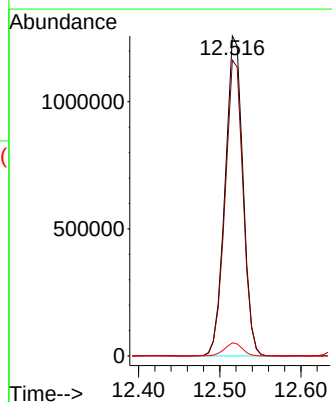
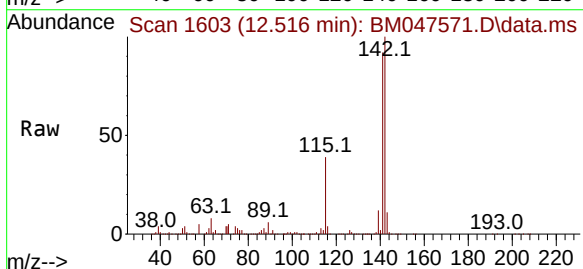
Instrument :
BNA_M
ClientSampleId :
PB163344BS

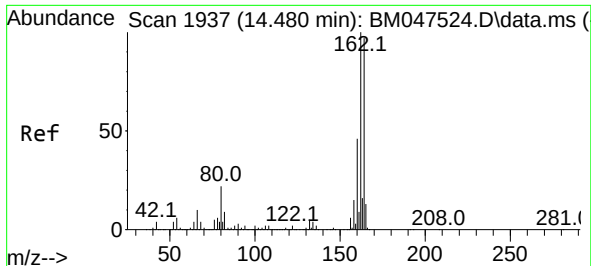
Tgt Ion:142 Resp: 2059748
Ion Ratio Lower Upper
142 100
141 91.1 72.2 108.4
115 37.8 29.1 43.7



#38
1-Methylnaphthalene
Concen: 42.516 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:142 Resp: 1930017
Ion Ratio Lower Upper
142 100
141 92.4 74.7 112.1
116 4.1 3.2 4.8

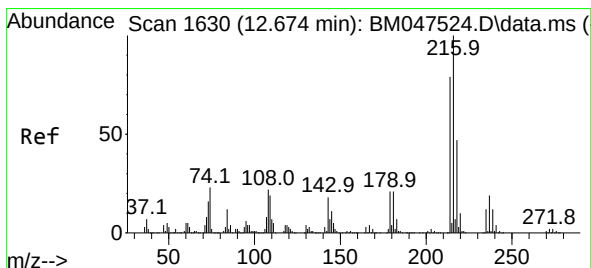
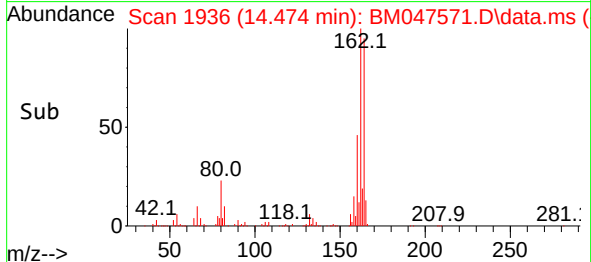
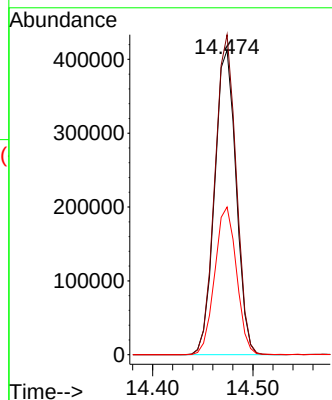
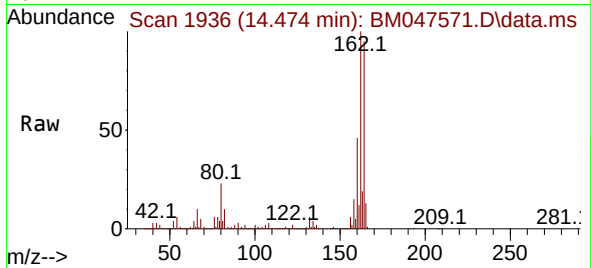




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

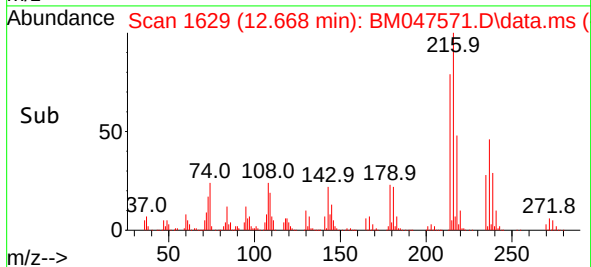
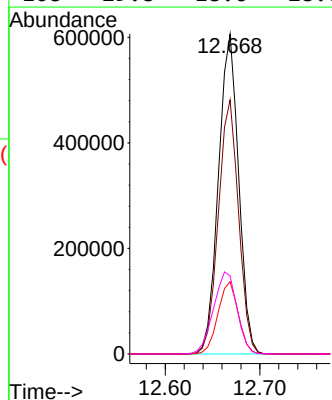
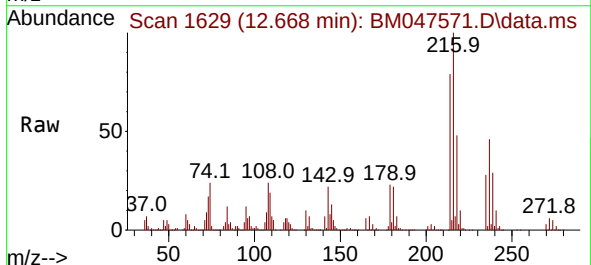
Instrument :
BNA_M
ClientSampleId :
PB163344BS

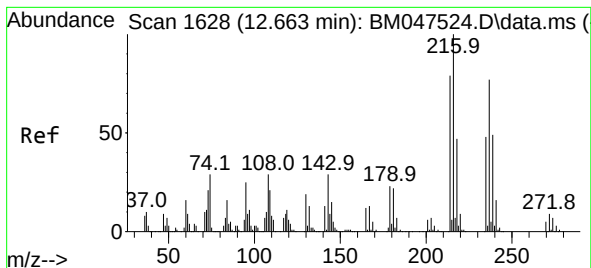
Tgt Ion:164 Resp: 613452
Ion Ratio Lower Upper
164 100
162 105.1 82.2 123.2
160 48.5 38.2 57.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.098 ng
RT: 12.668 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:216 Resp: 898000
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.6
179 22.8 17.5 26.3
108 29.8 18.6 28.0#





#41

Hexachlorocyclopentadiene

Concen: 204.122 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

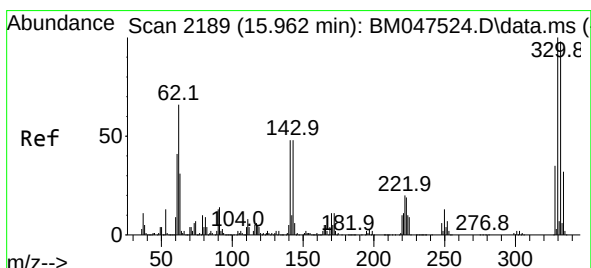
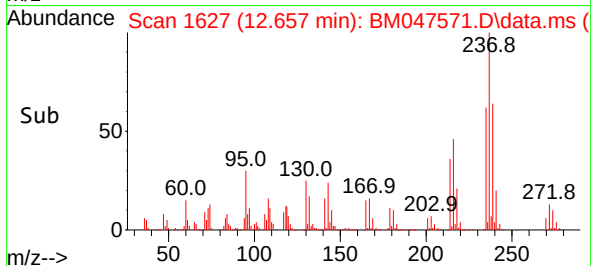
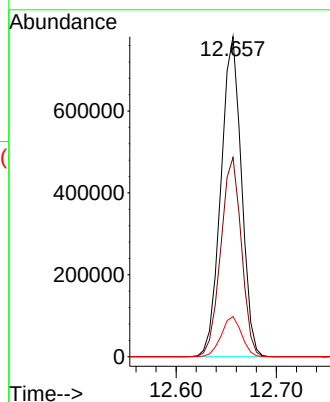
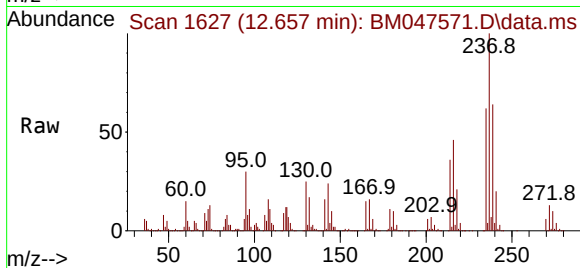
Tgt Ion:237 Resp: 1107689

Ion Ratio Lower Upper

237 100

235 62.3 42.0 82.0

272 12.5 0.0 31.5



#42

2,4,6-Tribromophenol

Concen: 98.562 ng

RT: 15.956 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

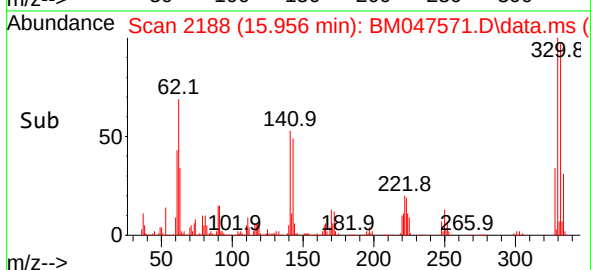
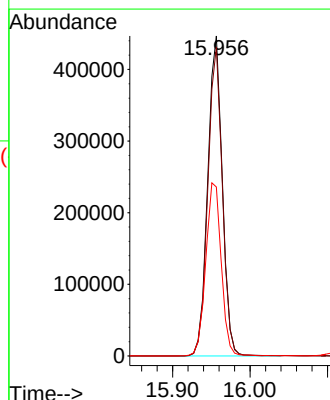
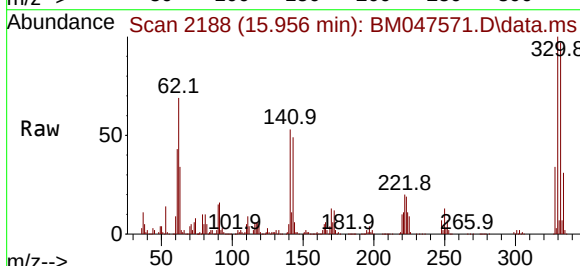
Tgt Ion:330 Resp: 584429

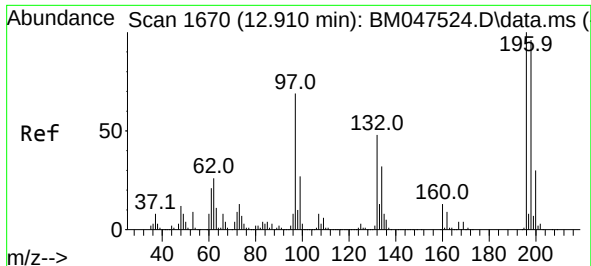
Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 57.4 42.2 63.2





#43

2,4,6-Trichlorophenol

Concen: 56.074 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

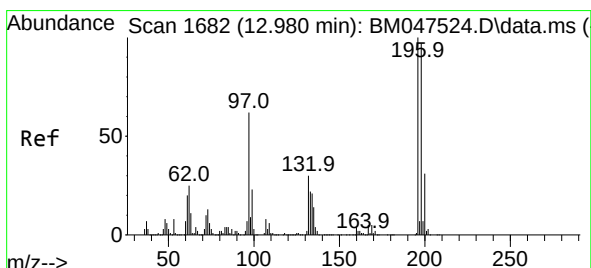
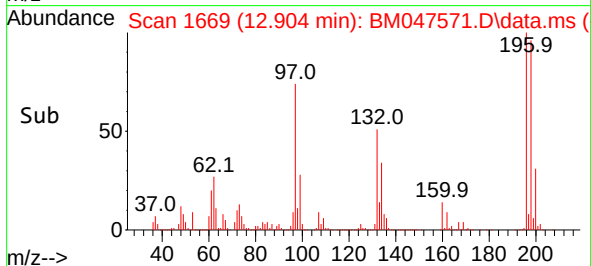
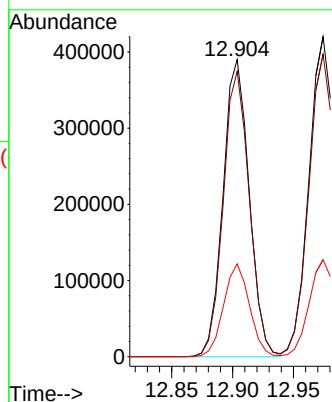
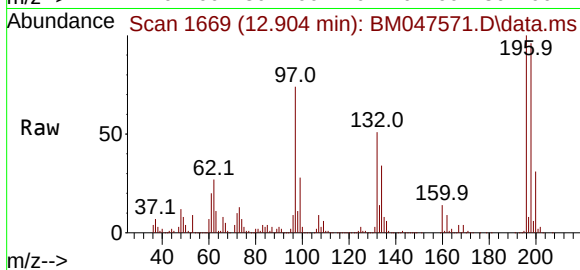
Tgt Ion:196 Resp: 583142

Ion Ratio Lower Upper

196 100

198 96.0 76.9 115.3

200 31.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 54.837 ng

RT: 12.974 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Tgt Ion:196 Resp: 644136

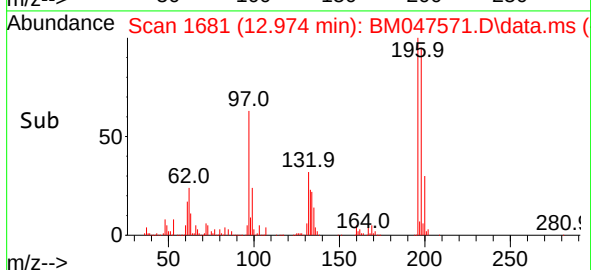
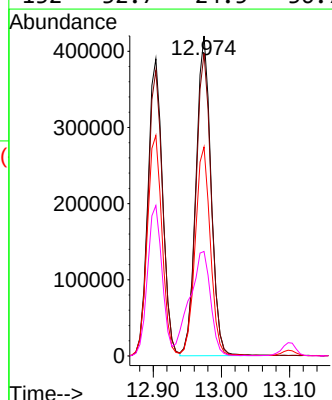
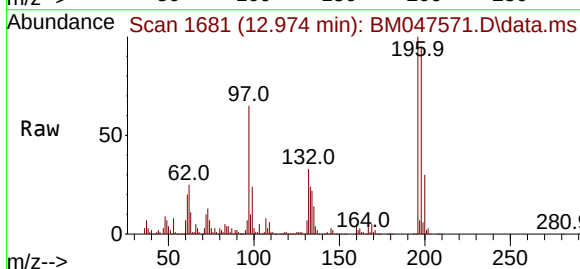
Ion Ratio Lower Upper

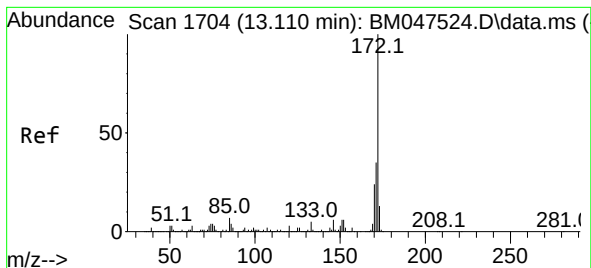
196 100

198 94.5 77.4 116.2

97 65.3 49.8 74.8

132 32.7 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 104.883 ng

RT: 13.098 min Scan# 1702

Delta R.T. -0.012 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

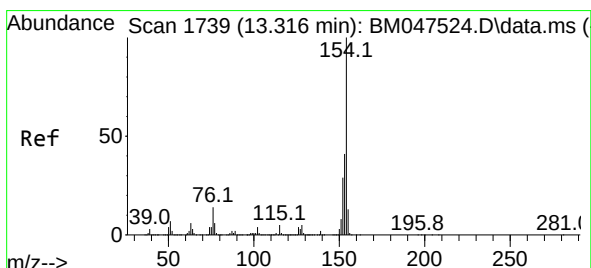
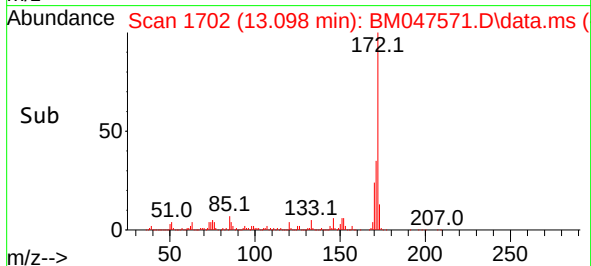
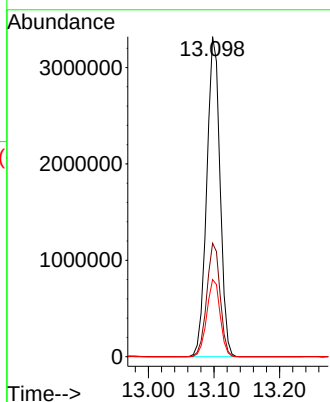
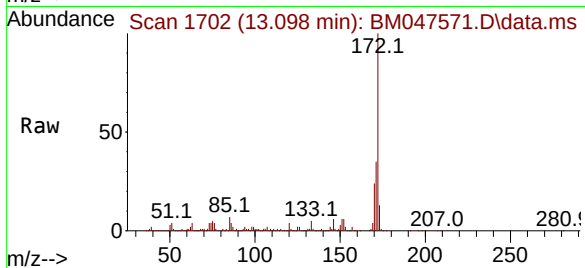
Tgt Ion:172 Resp: 4670764

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 24.1 19.4 29.0



#46

1,1'-Biphenyl

Concen: 52.558 ng

RT: 13.310 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

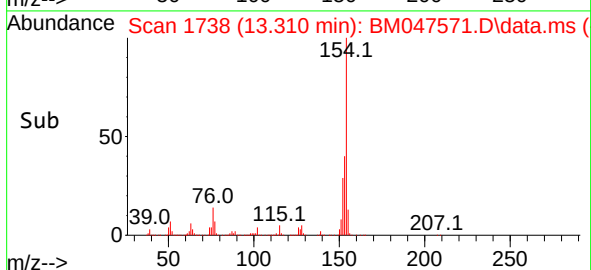
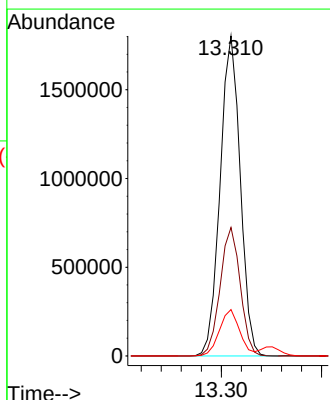
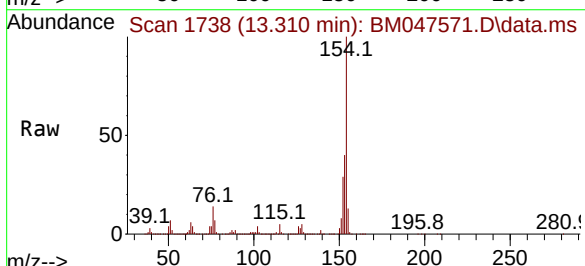
Tgt Ion:154 Resp: 2508598

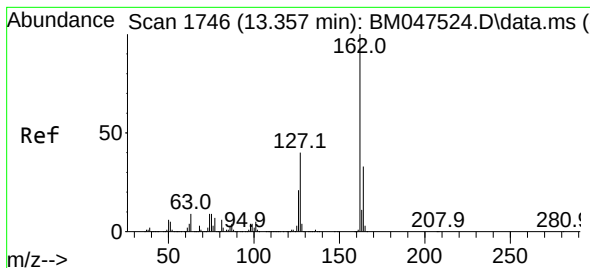
Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

76 14.5 0.0 33.9

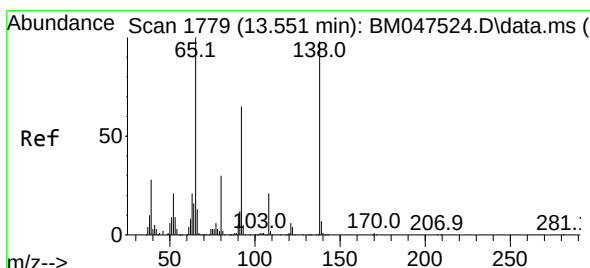
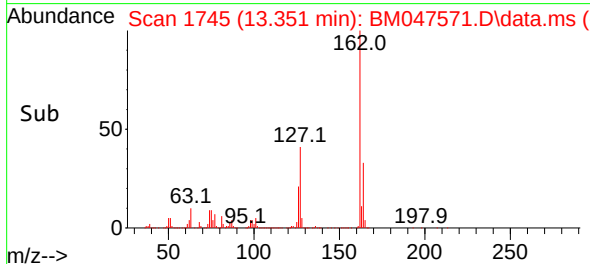
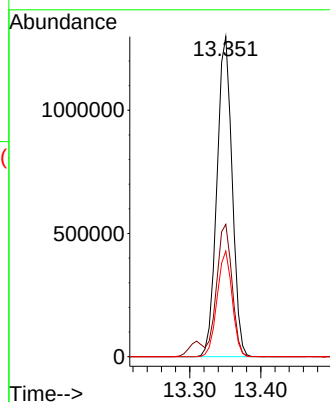
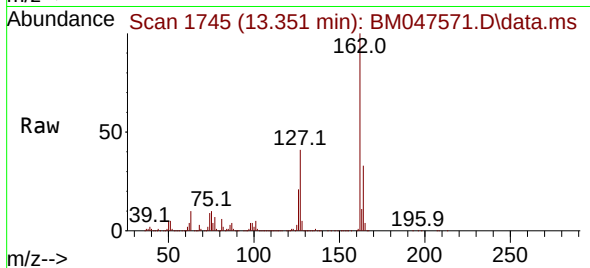




#47
2-Chloronaphthalene
Concen: 51.891 ng
RT: 13.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

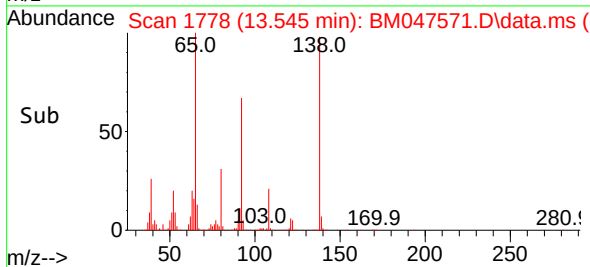
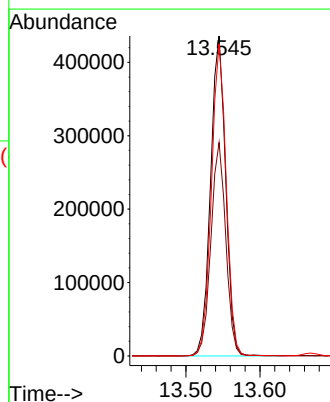
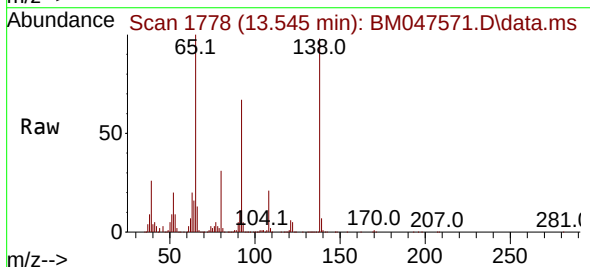
Instrument :
BNA_M
ClientSampleId :
PB163344BS

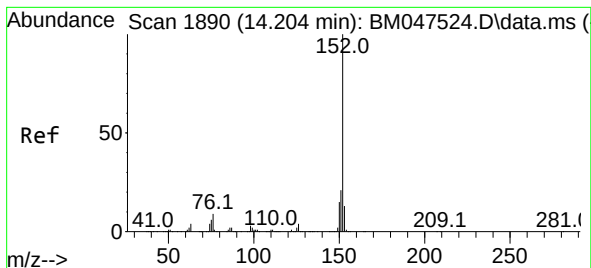
Tgt Ion:162 Resp: 1923154
Ion Ratio Lower Upper
162 100
127 41.4 32.2 48.4
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 56.569 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion: 65 Resp: 615790
Ion Ratio Lower Upper
65 100
92 66.7 51.9 77.9
138 97.6 78.5 117.7





#49

Acenaphthylene

Concen: 54.889 ng

RT: 14.192 min Scan# 1888

Delta R.T. -0.012 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

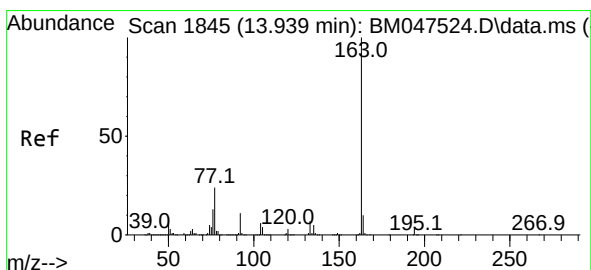
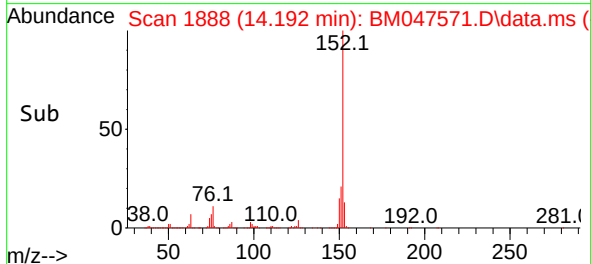
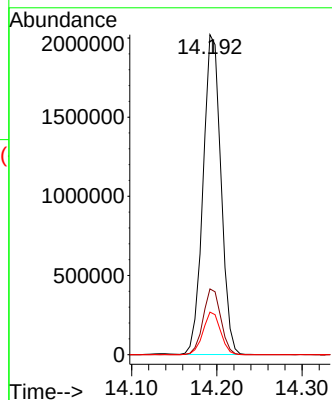
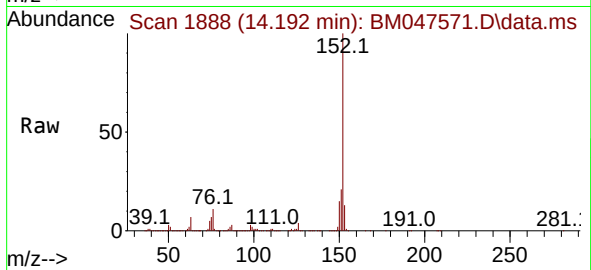
Tgt Ion:152 Resp: 2935584

Ion Ratio Lower Upper

152 100

151 20.6 16.5 24.7

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 51.932 ng

RT: 13.933 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

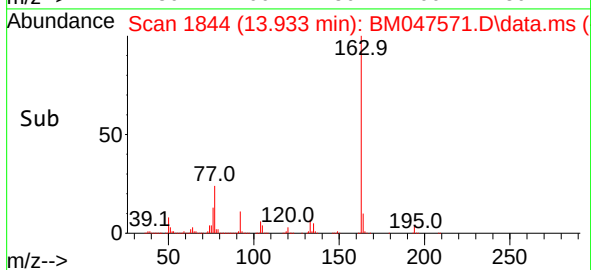
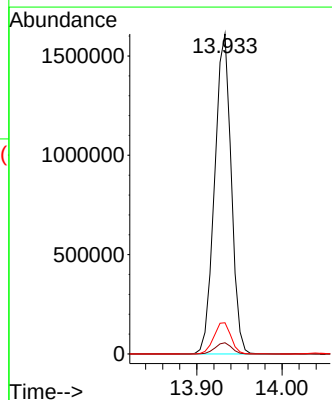
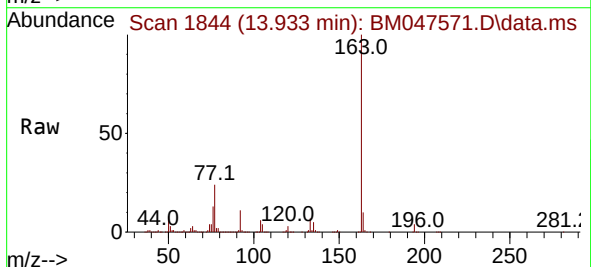
Tgt Ion:163 Resp: 2171365

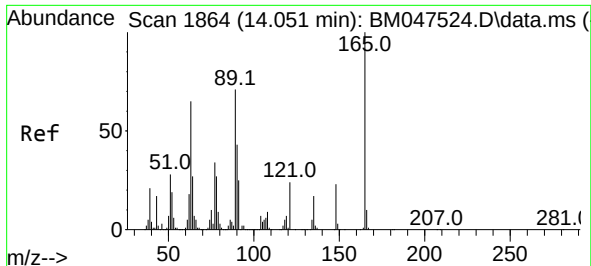
Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

164 9.8 7.9 11.9

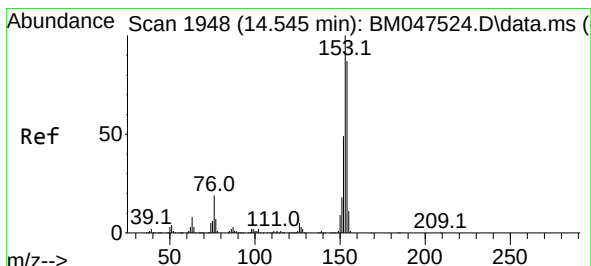
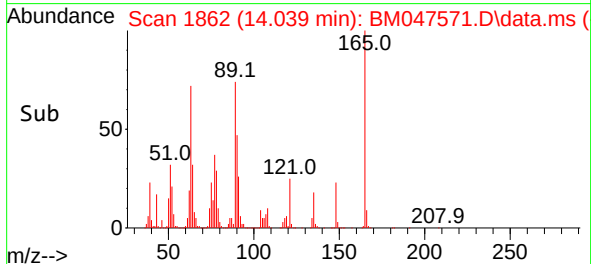
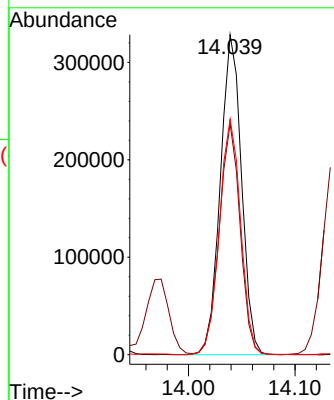
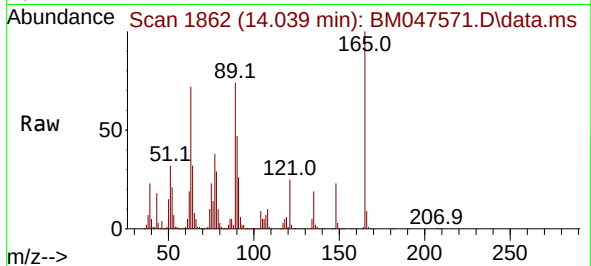




#51
2,6-Dinitrotoluene
Concen: 51.146 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

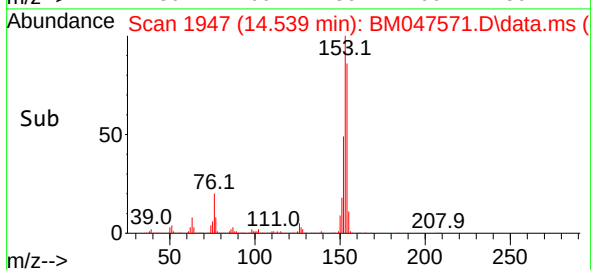
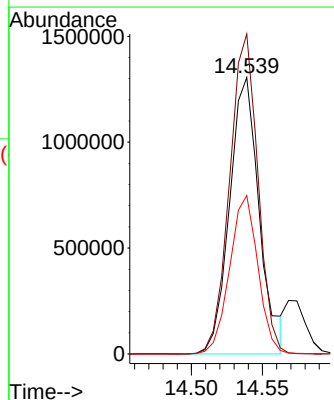
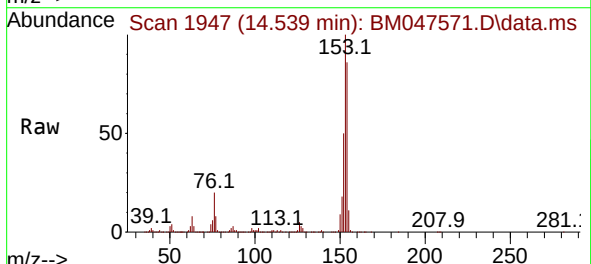
Instrument :
BNA_M
ClientSampleId :
PB163344BS

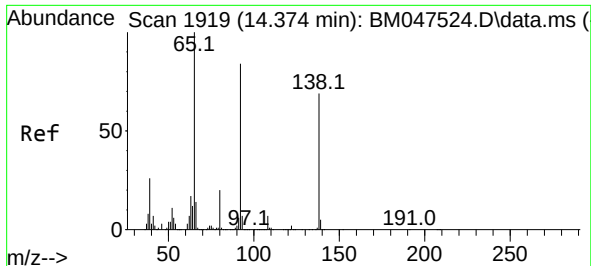
Tgt Ion:165 Resp: 451449
Ion Ratio Lower Upper
165 100
63 72.2 54.2 81.2
89 73.7 56.4 84.6



#52
Acenaphthene
Concen: 50.616 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:154 Resp: 1896723
Ion Ratio Lower Upper
154 100
153 115.7 92.2 138.2
152 57.3 45.4 68.0

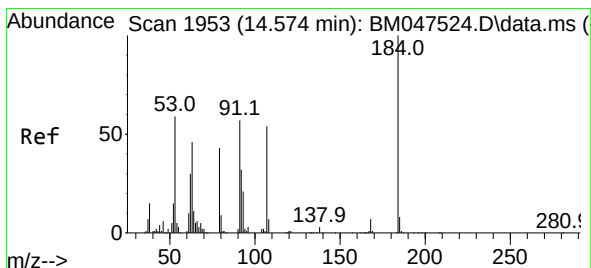
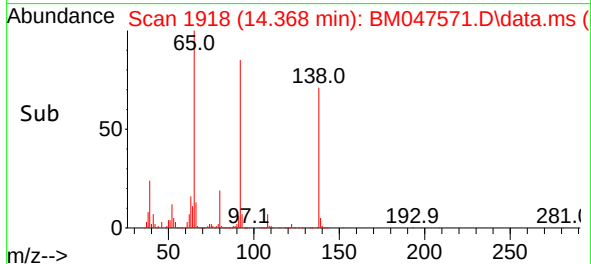
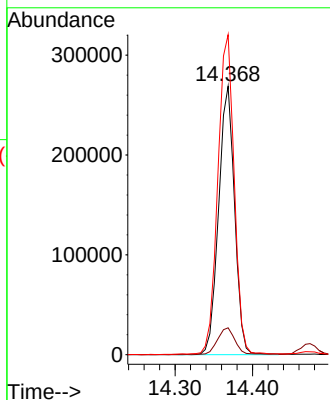
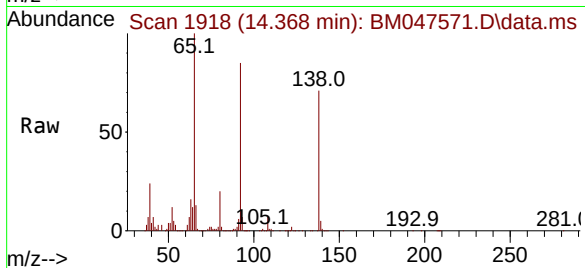




#53
3-Nitroaniline
Concen: 39.297 ng
RT: 14.368 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

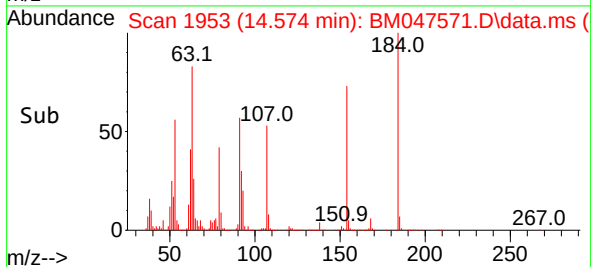
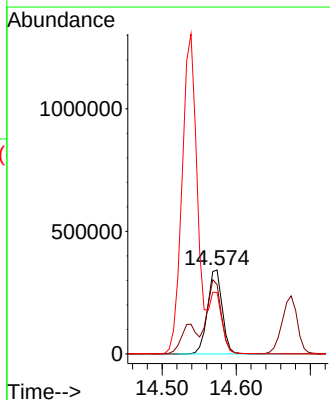
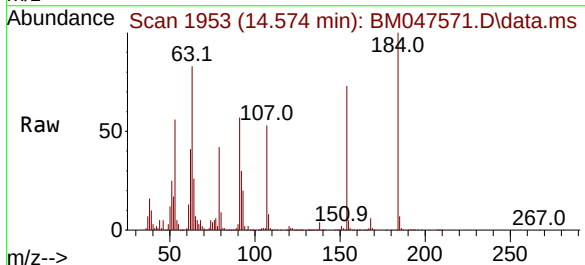
Instrument :
BNA_M
ClientSampleId :
PB163344BS

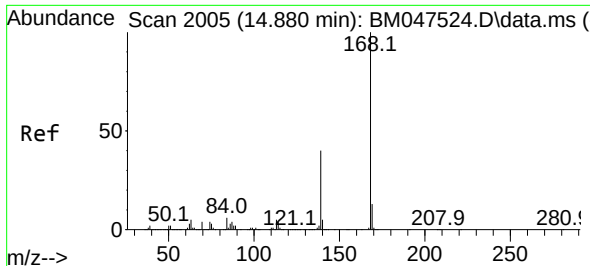
Tgt Ion:138 Resp: 385530
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 119.2 97.4 146.0



#54
2,4-Dinitrophenol
Concen: 90.357 ng
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:184 Resp: 473669
Ion Ratio Lower Upper
184 100
63 82.6 69.4 104.0
154 73.1 60.4 90.6

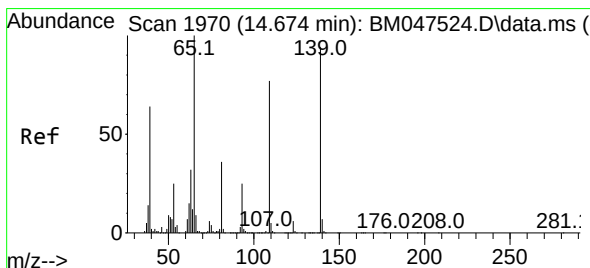
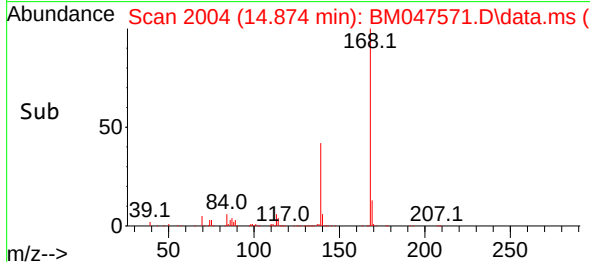
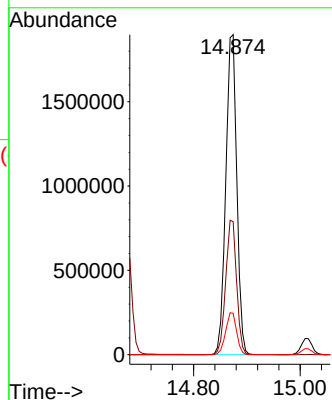
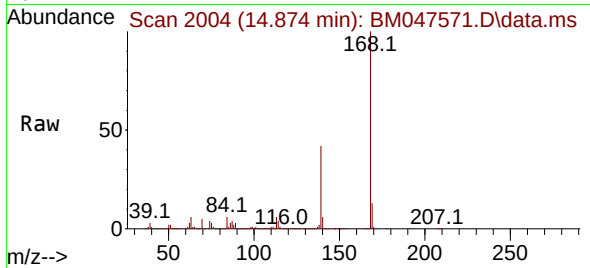




#55
Dibenzofuran
Concen: 51.553 ng
RT: 14.874 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

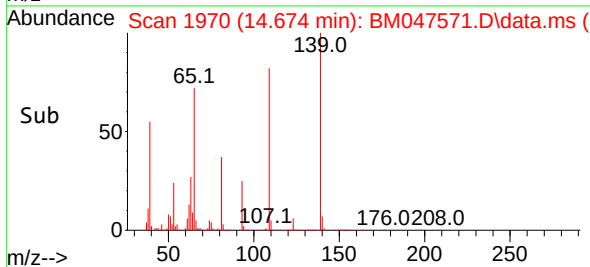
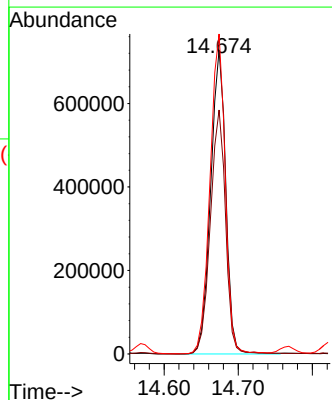
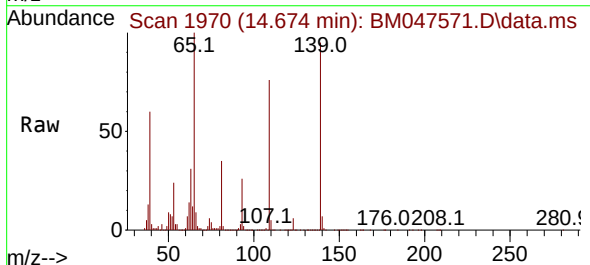
Instrument :
BNA_M
ClientSampleId :
PB163344BS

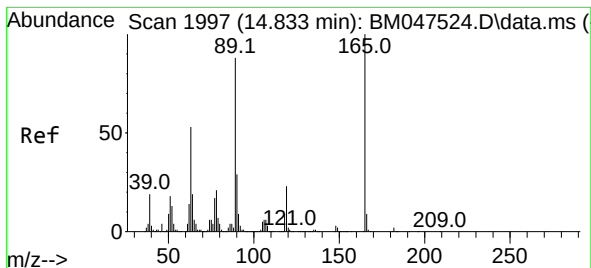
Tgt Ion:168 Resp: 2714684
Ion Ratio Lower Upper
168 100
139 41.6 31.9 47.9
169 13.0 10.5 15.7



#56
4-Nitrophenol
Concen: 127.939 ng
RT: 14.674 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:139 Resp: 1032866
Ion Ratio Lower Upper
139 100
109 80.2 62.0 102.0
65 105.2 87.0 127.0

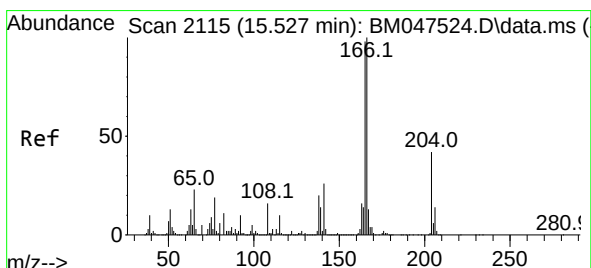
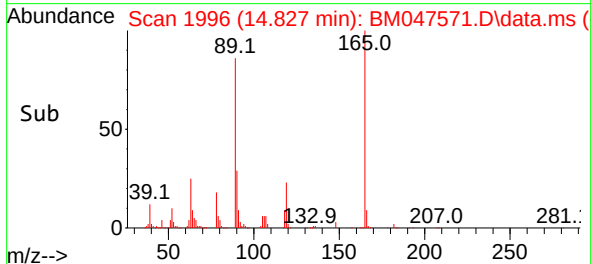
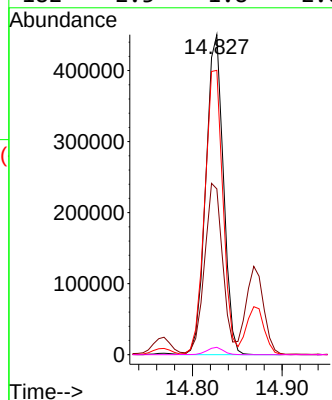
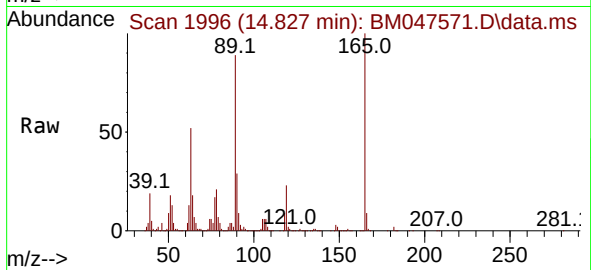




#57
2,4-Dinitrotoluene
Concen: 52.053 ng
RT: 14.827 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

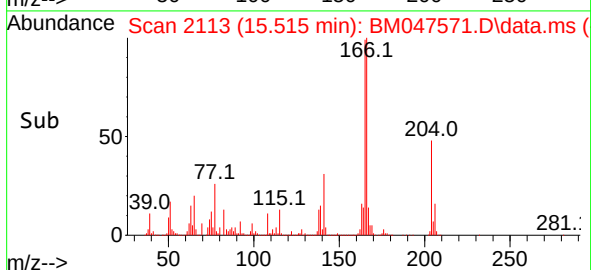
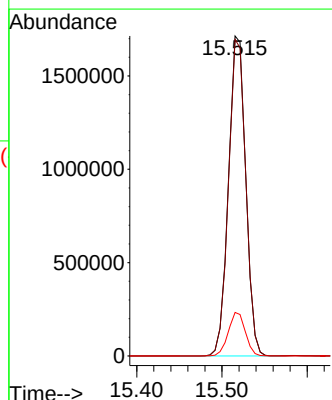
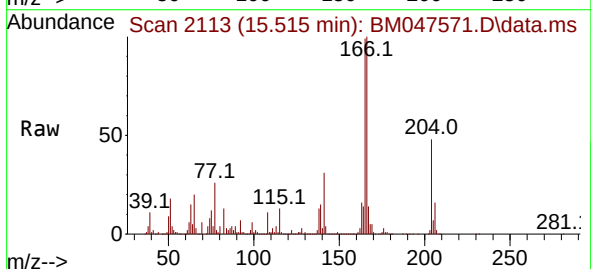
Instrument :
BNA_M
ClientSampleId :
PB163344BS

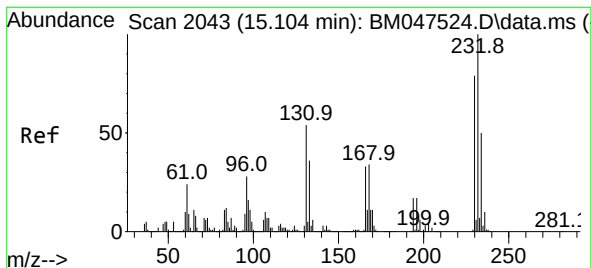
Tgt Ion:165 Resp: 612763
Ion Ratio Lower Upper
165 100
63 51.8 42.4 63.6
89 88.8 70.5 105.7
182 2.3 1.8 2.6



#58
Fluorene
Concen: 50.847 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:166 Resp: 2410613
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 13.6 10.7 16.1

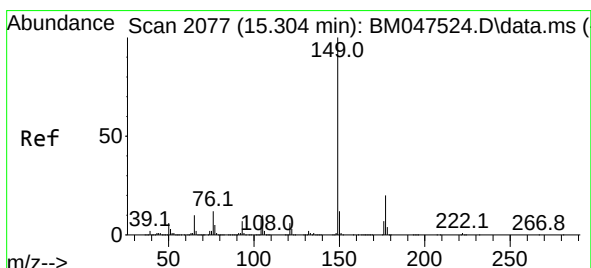
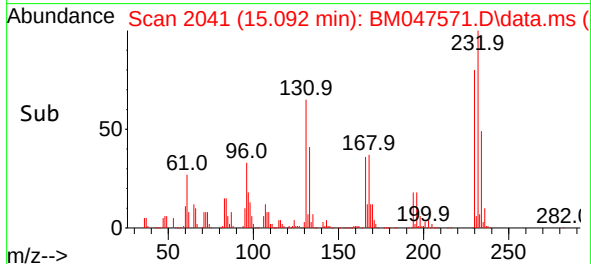
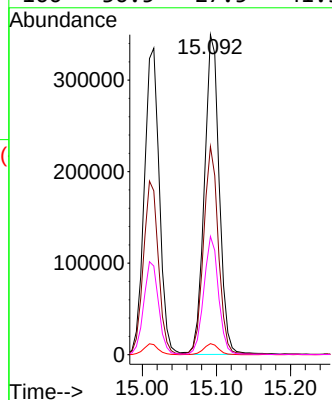
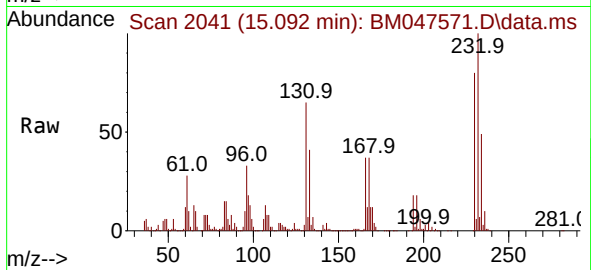




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.220 ng
RT: 15.092 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

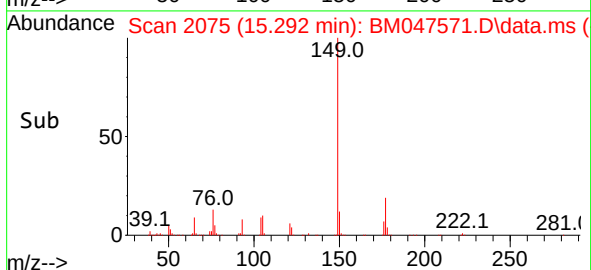
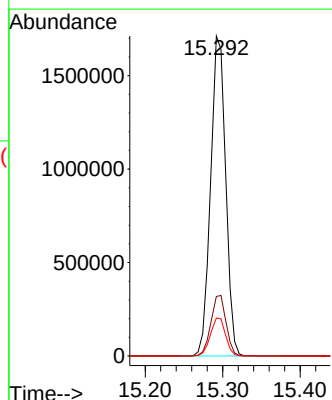
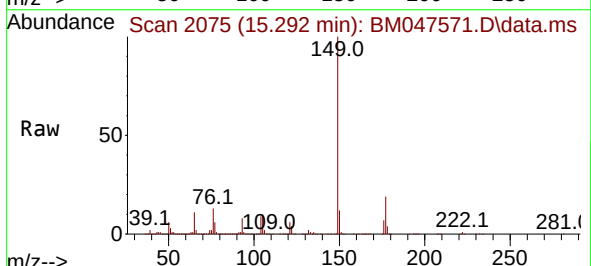
Instrument :
BNA_M
ClientSampleId :
PB163344BS

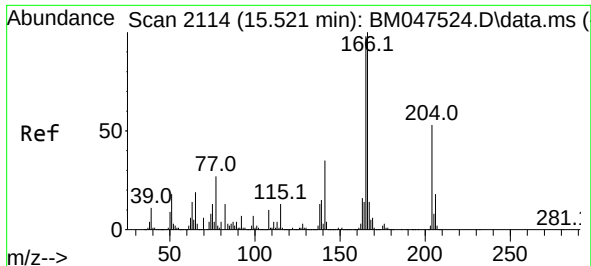
Tgt Ion:232 Resp: 487400
Ion Ratio Lower Upper
232 100
131 64.5 47.0 70.4
130 3.5 2.6 3.8
166 36.5 27.5 41.3



#60
Diethylphthalate
Concen: 51.914 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:149 Resp: 2310114
Ion Ratio Lower Upper
149 100
177 18.6 15.8 23.8
150 11.9 9.7 14.5

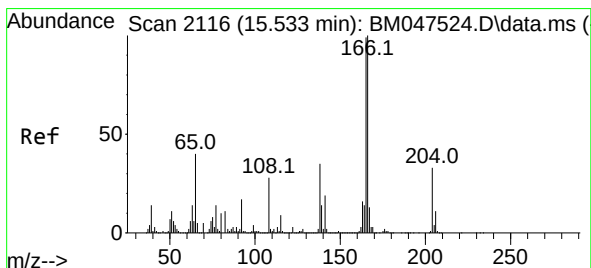
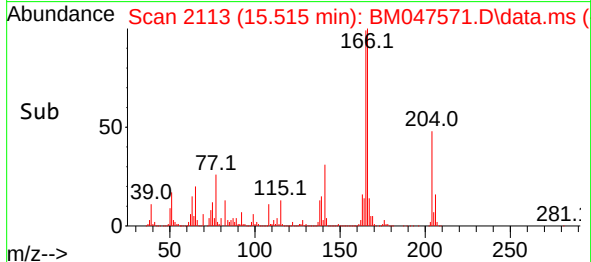
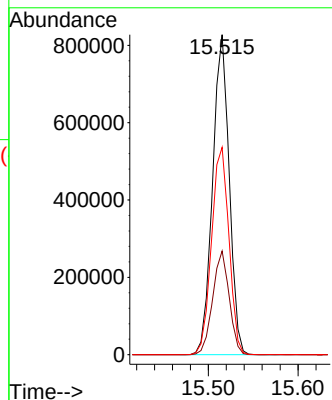
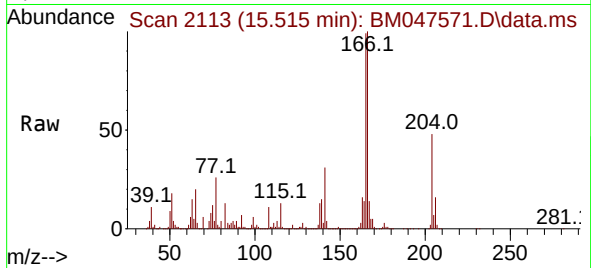




#61
4-Chlorophenyl-phenylether
Concen: 48.982 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

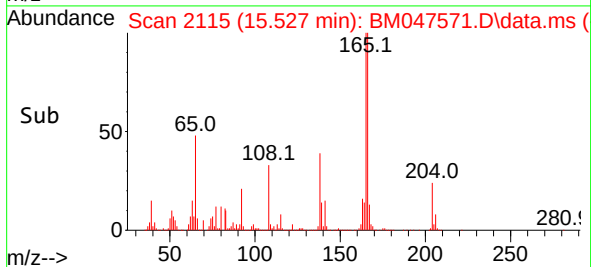
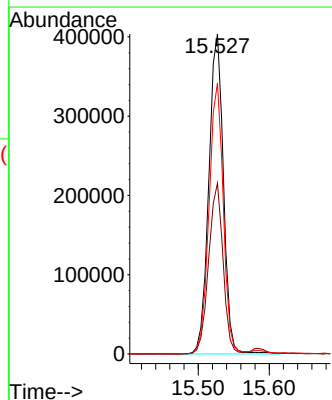
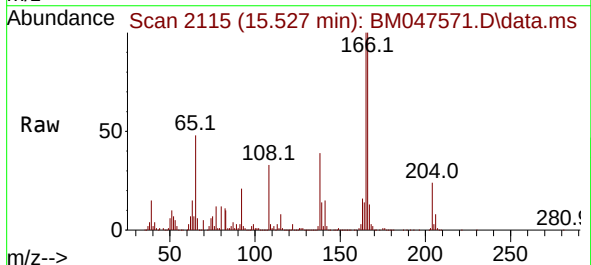
Instrument :
BNA_M
ClientSampleId :
PB163344BS

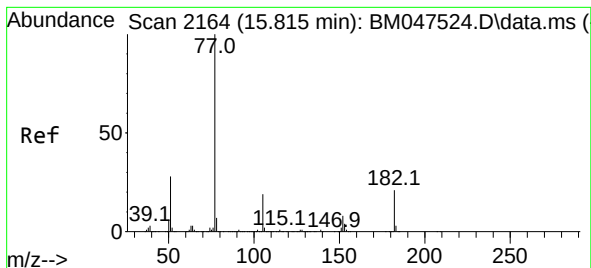
Tgt Ion:204 Resp: 1061796
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 64.8 52.1 78.1



#62
4-Nitroaniline
Concen: 50.161 ng
RT: 15.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:138 Resp: 578469
Ion Ratio Lower Upper
138 100
92 53.4 30.0 70.0
108 84.7 61.7 101.7





#63

Azobenzene

Concen: 53.867 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.012 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

Tgt Ion: 77 Resp: 2639364

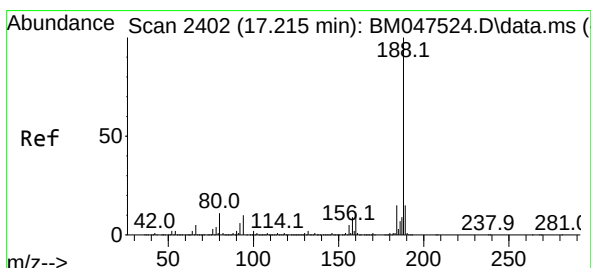
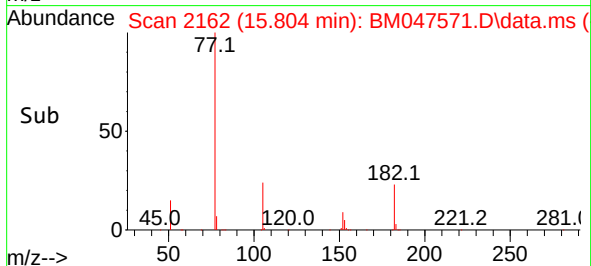
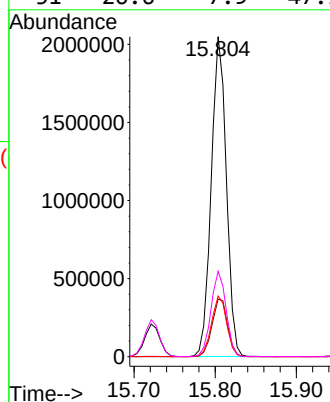
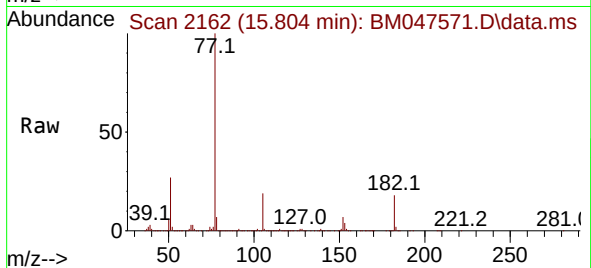
Ion Ratio Lower Upper

77 100

182 18.0 1.2 41.2

105 19.0 0.0 39.4

51 26.6 7.9 47.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

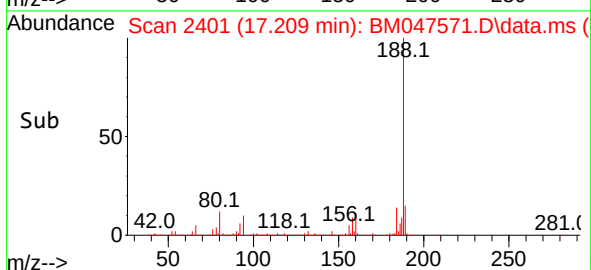
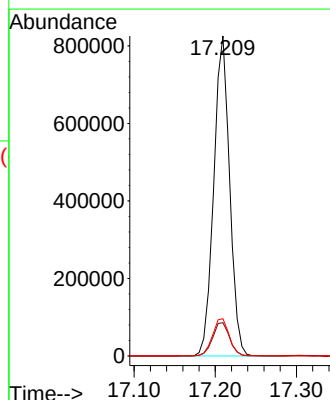
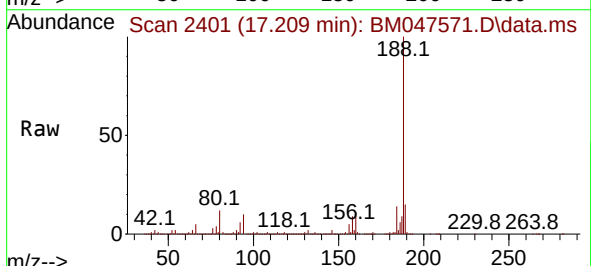
Tgt Ion:188 Resp: 1120707

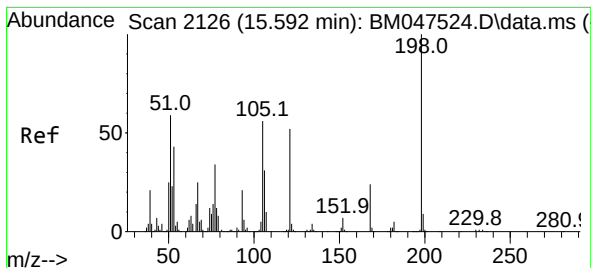
Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

80 11.7 9.1 13.7

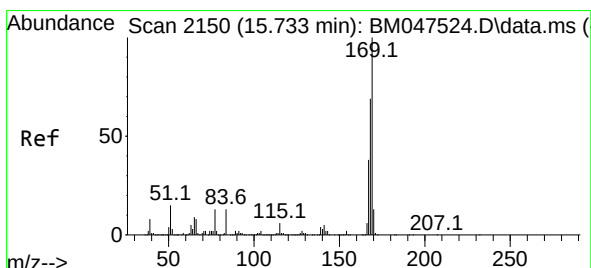
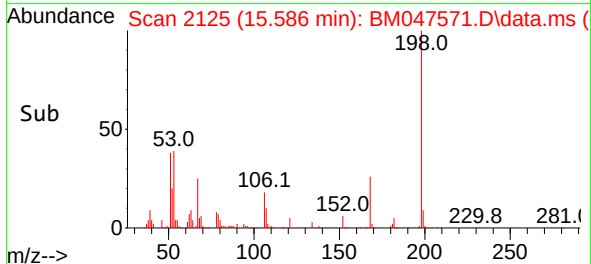
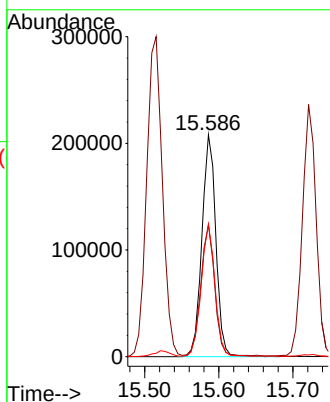
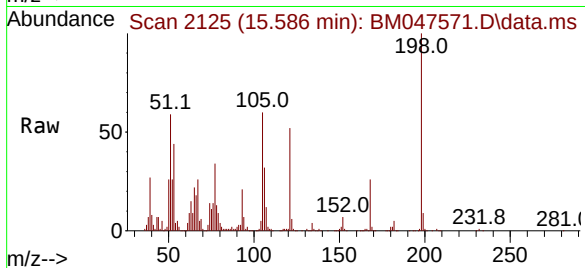




#65
4,6-Dinitro-2-methylphenol
Concen: 47.553 ng
RT: 15.586 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

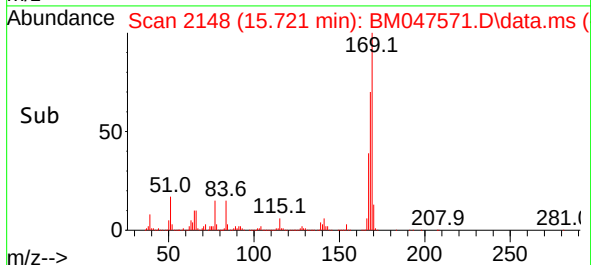
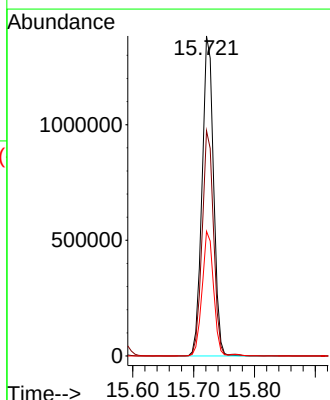
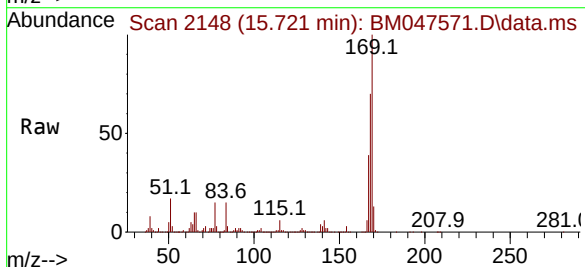
Instrument :
BNA_M
ClientSampleId :
PB163344BS

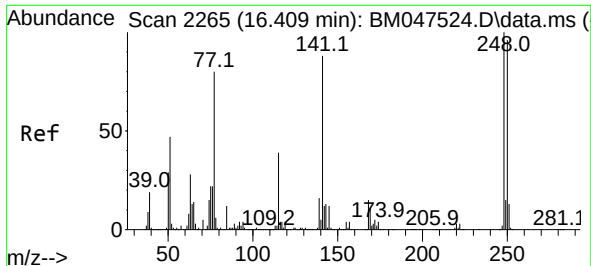
Tgt Ion:198 Resp: 270998
Ion Ratio Lower Upper
198 100
51 59.4 41.5 81.5
105 59.7 36.4 76.4



#66
n-Nitrosodiphenylamine
Concen: 52.891 ng
RT: 15.721 min Scan# 2148
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:169 Resp: 1813350
Ion Ratio Lower Upper
169 100
168 70.4 55.3 82.9
167 38.9 30.5 45.7

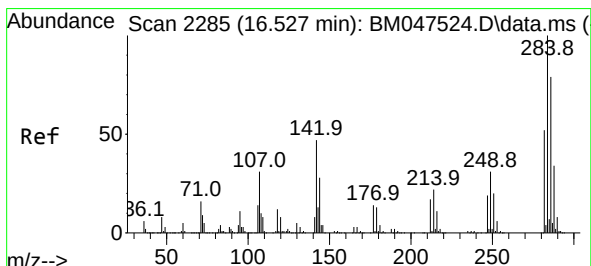
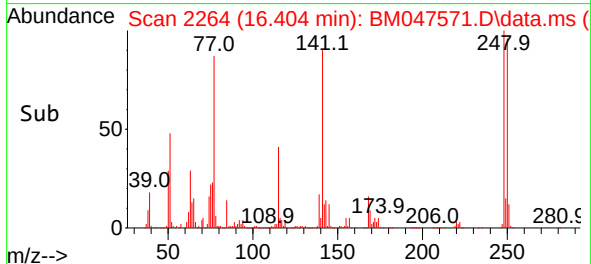
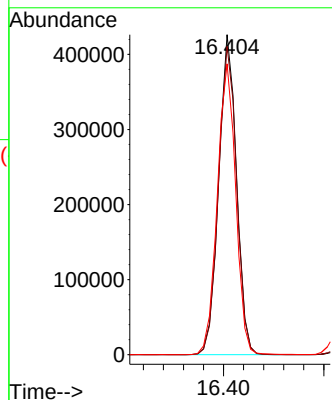
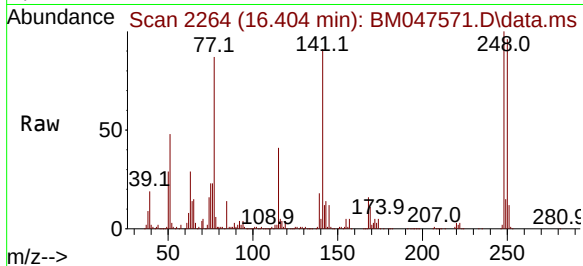




#67
4-Bromophenyl-phenylether
Concen: 48.351 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

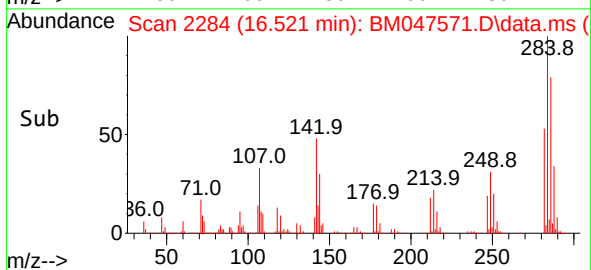
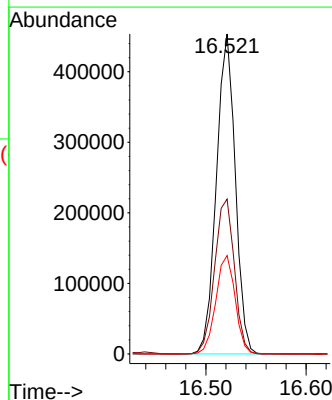
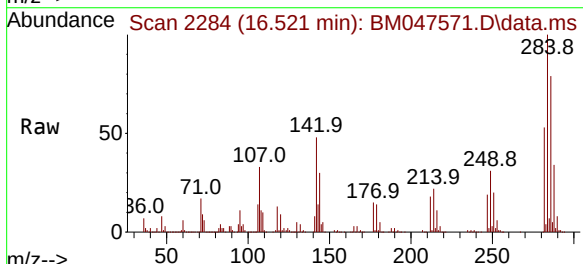
Instrument :
BNA_M
ClientSampleId :
PB163344BS

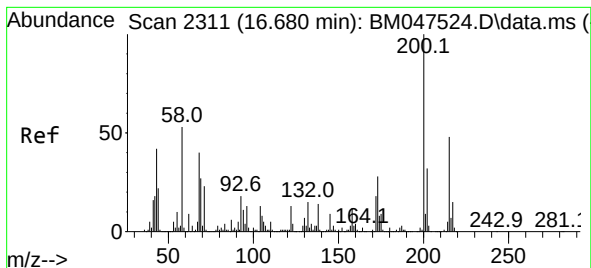
Tgt Ion:248 Resp: 526521
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 90.9 70.8 106.2



#68
Hexachlorobenzene
Concen: 48.015 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:284 Resp: 592329
Ion Ratio Lower Upper
284 100
142 48.4 37.3 55.9
249 30.7 24.5 36.7





#69

Atrazine

Concen: 54.613 ng

RT: 16.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

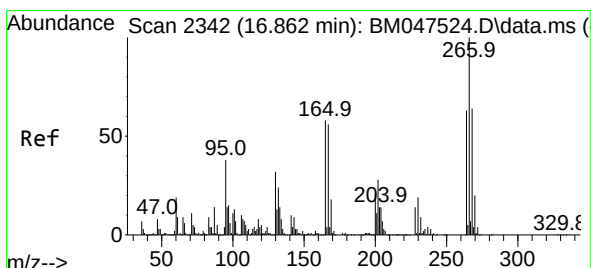
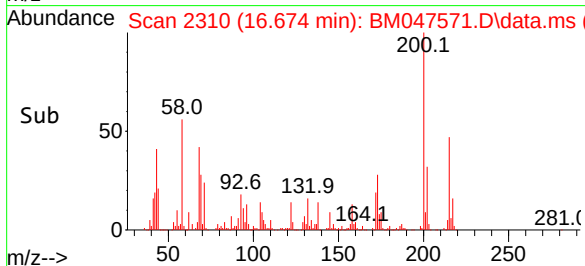
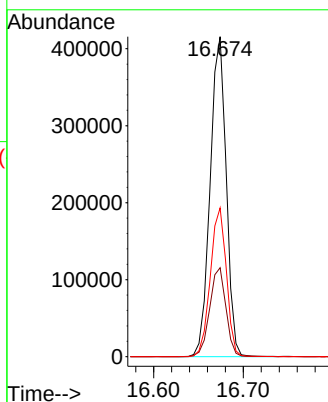
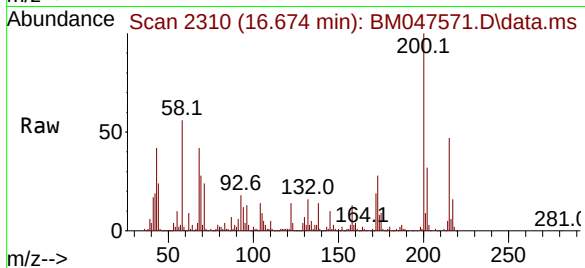
Tgt Ion:200 Resp: 517514

Ion Ratio Lower Upper

200 100

173 27.8 7.7 47.7

215 46.5 27.9 67.9



#70

Pentachlorophenol

Concen: 108.541 ng

RT: 16.856 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

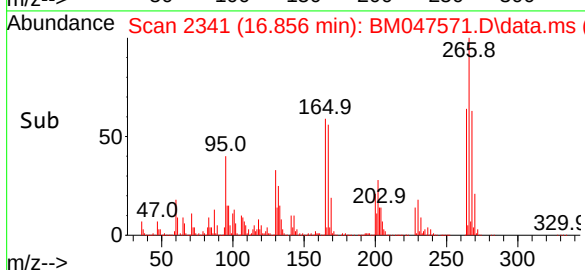
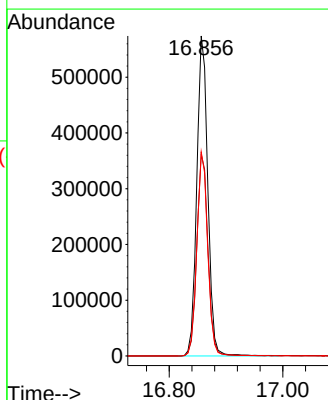
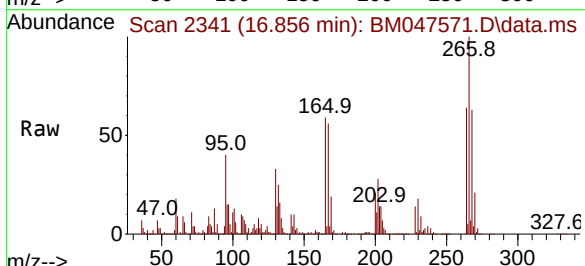
Tgt Ion:266 Resp: 776187

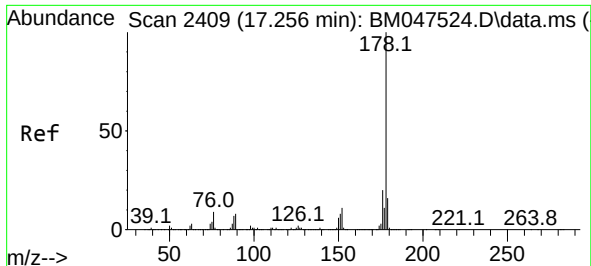
Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.4

264 63.7 50.4 75.6

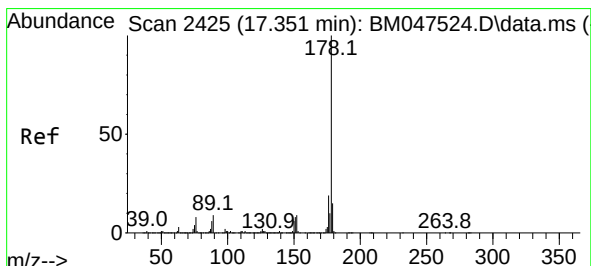
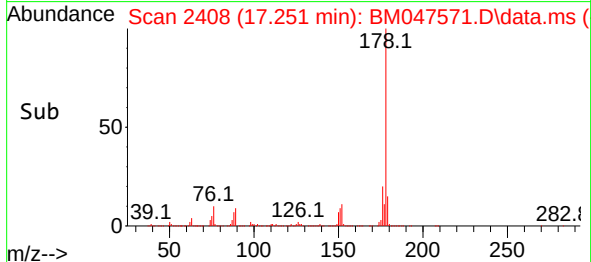
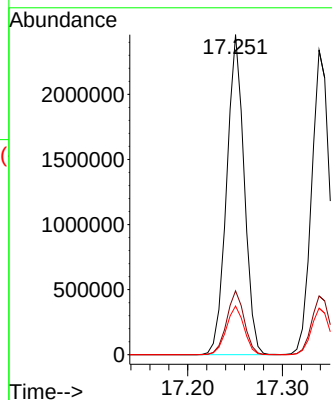
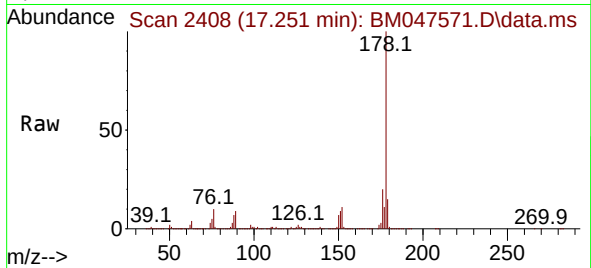




#71
Phenanthrene
Concen: 51.300 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

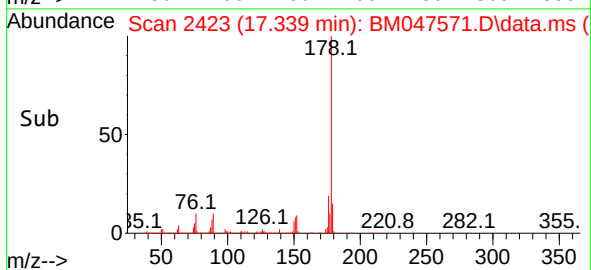
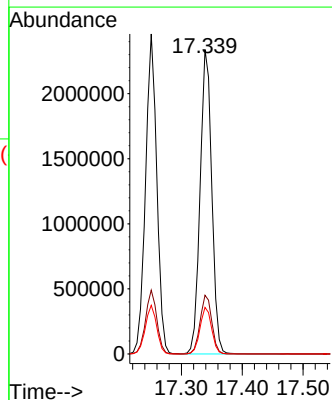
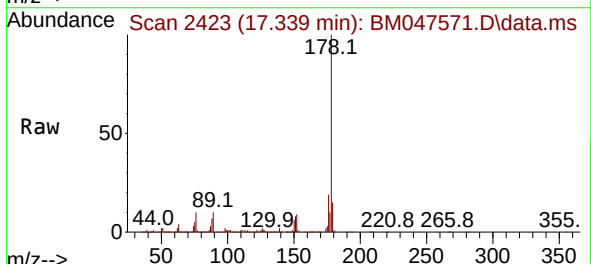
Instrument :
BNA_M
ClientSampleId :
PB163344BS

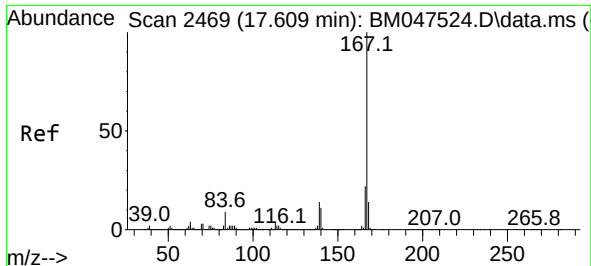
Tgt Ion:178 Resp: 3168384
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.2 12.4 18.6



#72
Anthracene
Concen: 52.412 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:178 Resp: 3110053
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.3 12.3 18.5

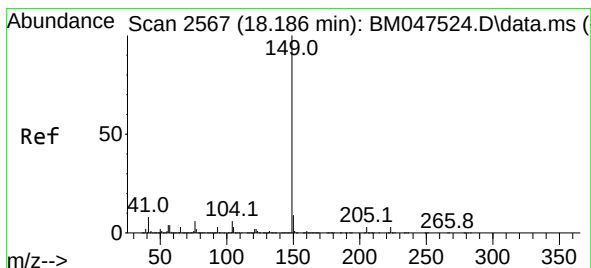
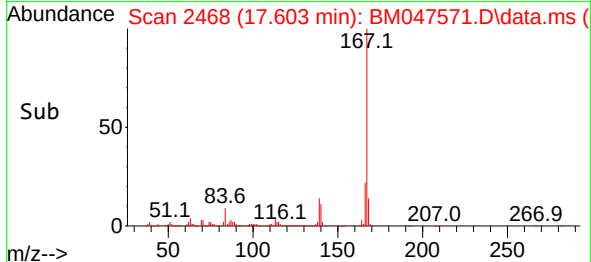
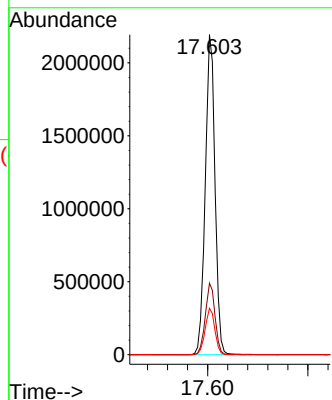
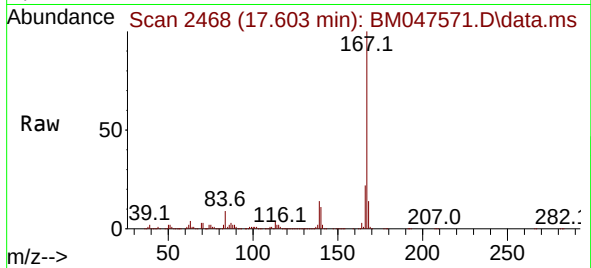




#73
 Carbazole
 Concen: 50.291 ng
 RT: 17.603 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM047571.D
 Acq: 19 Sep 2024 15:14

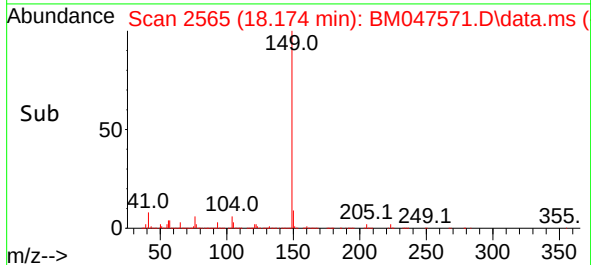
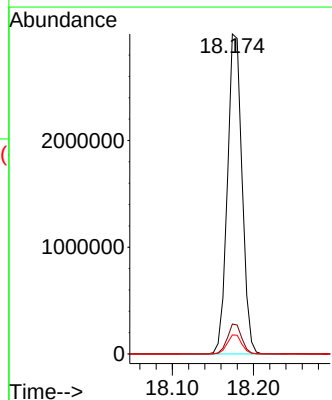
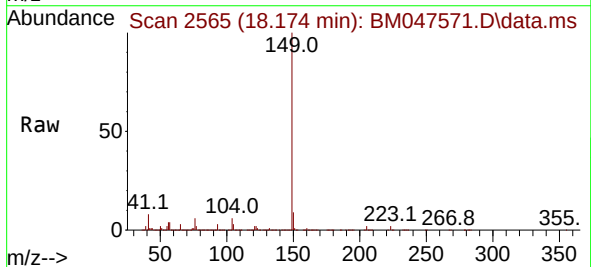
Instrument :
 BNA_M
 ClientSampleId :
 PB163344BS

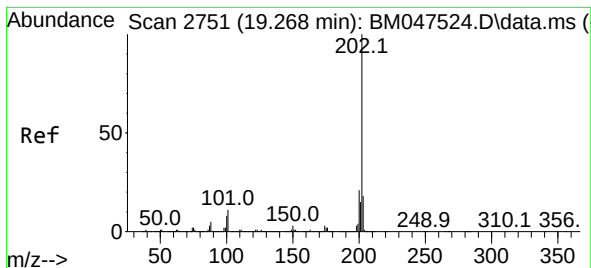
Tgt Ion:167 Resp: 2957383
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 14.5 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 53.354 ng
 RT: 18.174 min Scan# 2565
 Delta R.T. -0.012 min
 Lab File: BM047571.D
 Acq: 19 Sep 2024 15:14

Tgt Ion:149 Resp: 3754077
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 6.0 4.6 6.8





#75

Fluoranthene

Concen: 46.558 ng

RT: 19.256 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

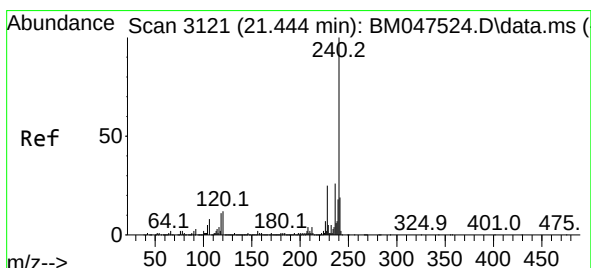
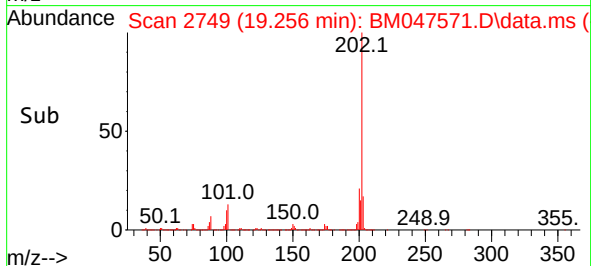
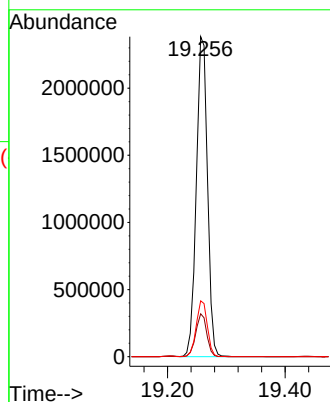
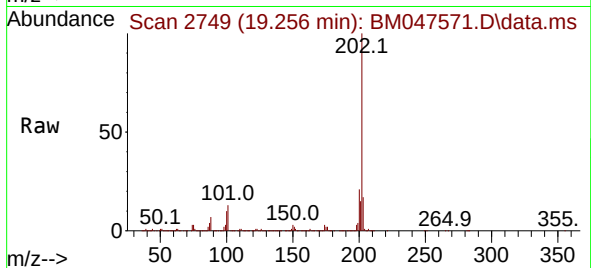
Tgt Ion:202 Resp: 3137370

Ion Ratio Lower Upper

202 100

101 13.4 0.0 30.8

203 17.4 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

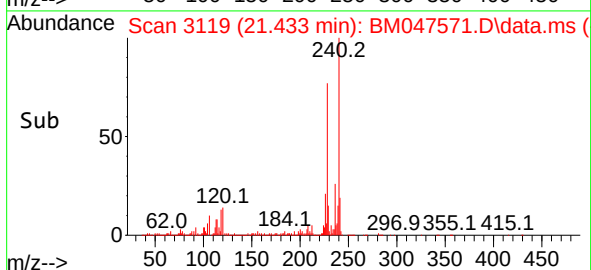
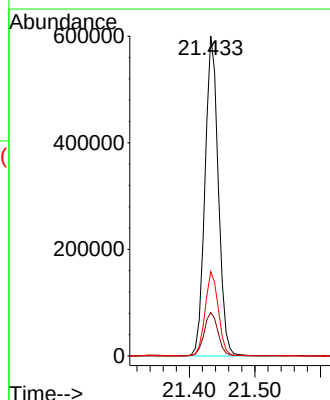
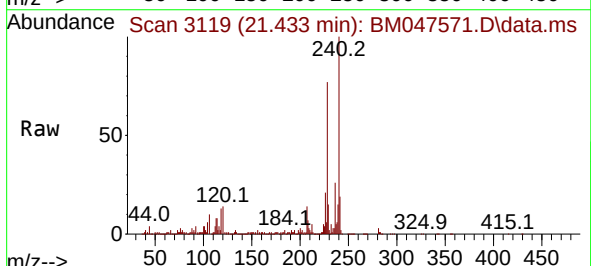
Tgt Ion:240 Resp: 848609

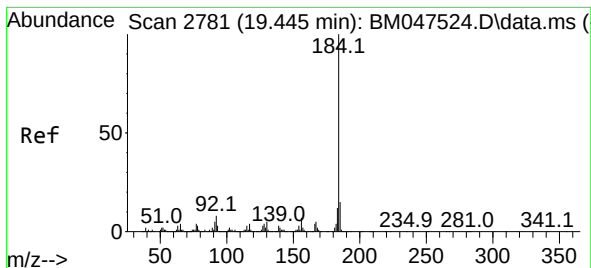
Ion Ratio Lower Upper

240 100

120 13.6 9.6 14.4

236 26.4 20.9 31.3





#77

Benzidine

Concen: 42.601 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

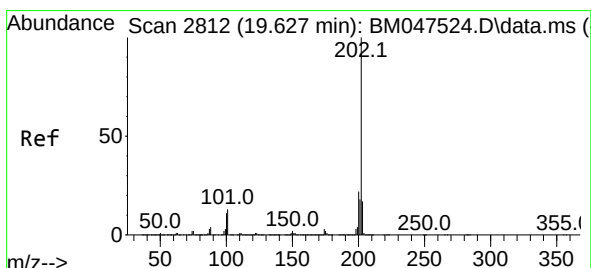
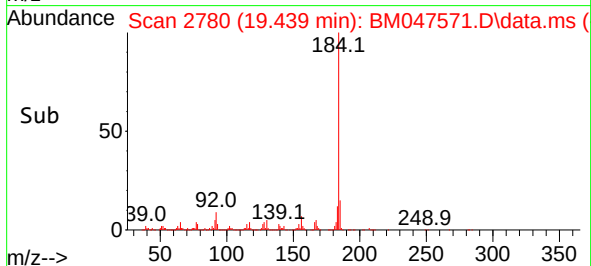
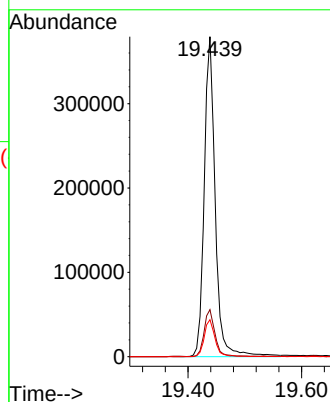
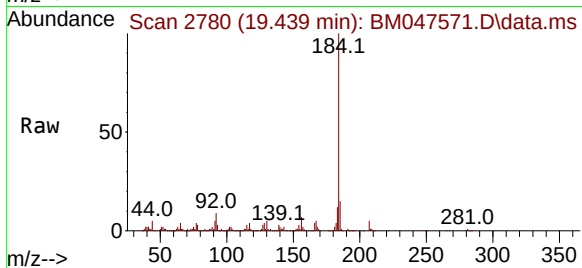
Tgt Ion:184 Resp: 509146

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

183 11.5 9.6 14.4



#78

Pyrene

Concen: 52.981 ng

RT: 19.621 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

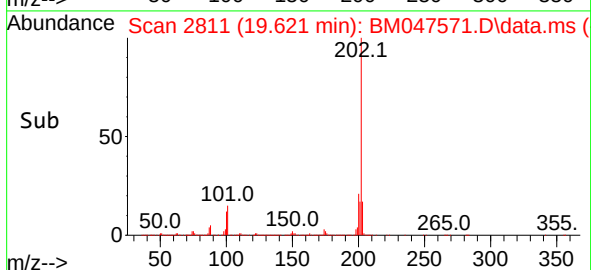
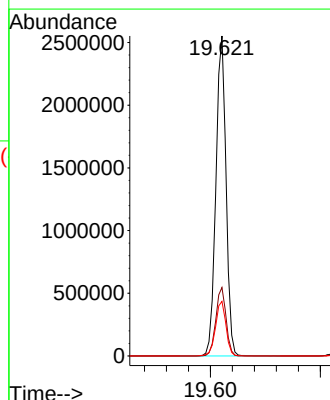
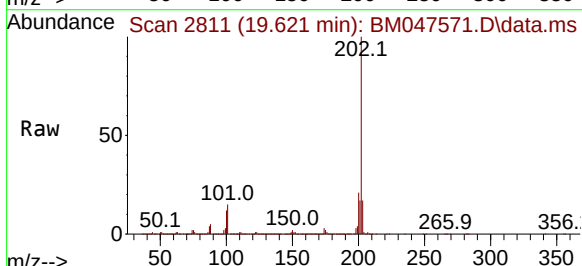
Tgt Ion:202 Resp: 3279498

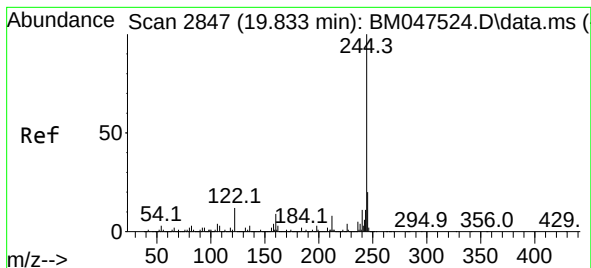
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.1 14.0 21.0





#79

Terphenyl-d14

Concen: 120.419 ng

RT: 19.827 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

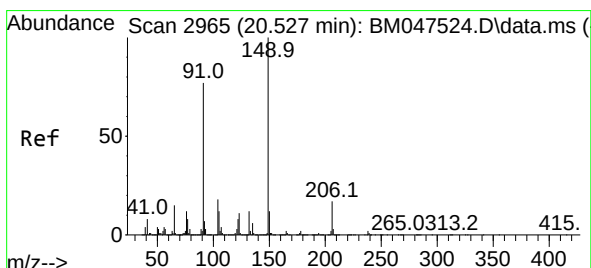
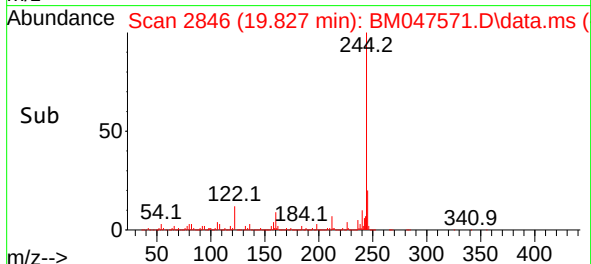
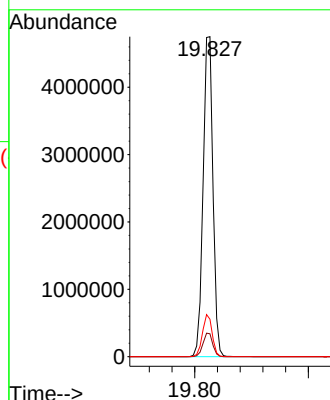
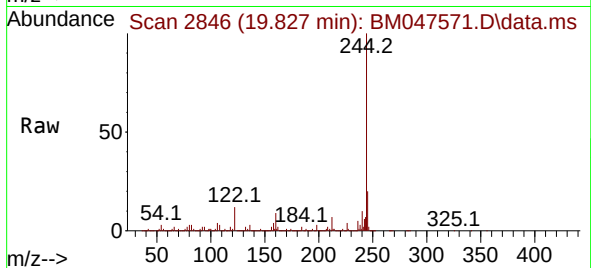
Tgt Ion:244 Resp: 5702684

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 11.7 9.6 14.4



#80

Butylbenzylphthalate

Concen: 61.577 ng

RT: 20.515 min Scan# 2963

Delta R.T. -0.012 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

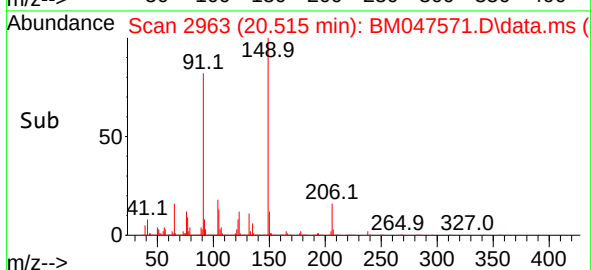
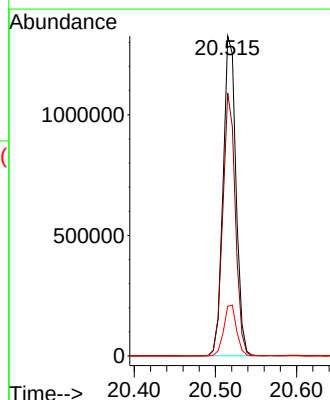
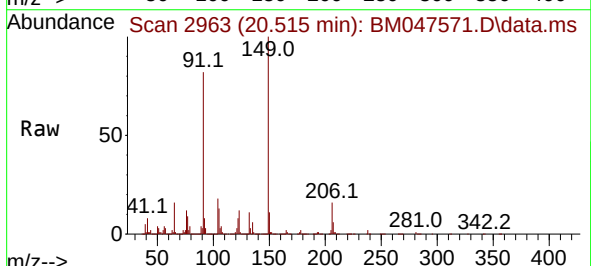
Tgt Ion:149 Resp: 1467294

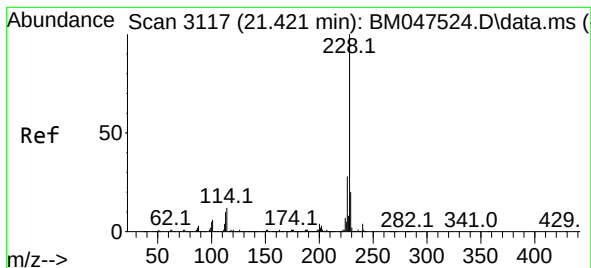
Ion Ratio Lower Upper

149 100

91 82.2 62.0 93.0

206 15.6 13.8 20.8





#81

Benzo(a)anthracene

Concen: 52.459 ng

RT: 21.415 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

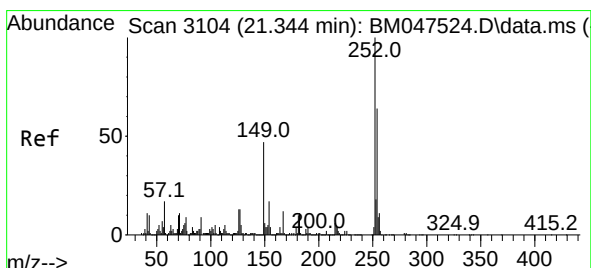
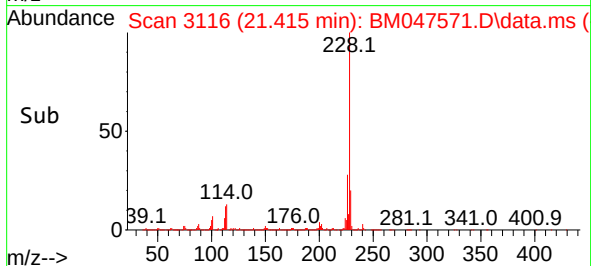
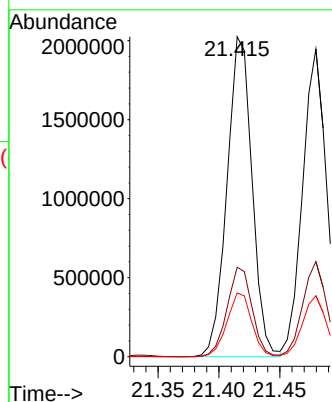
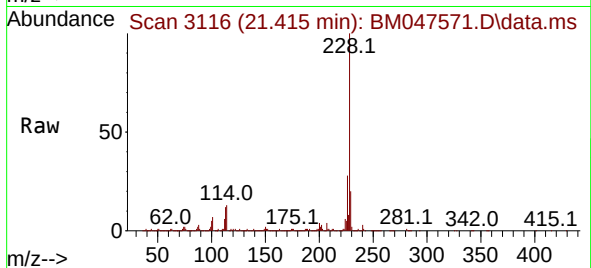
Tgt Ion:228 Resp: 2901668

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 57.679 ng

RT: 21.338 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

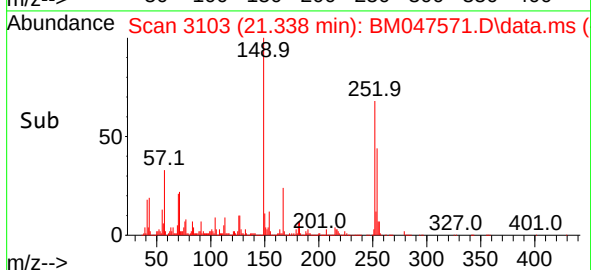
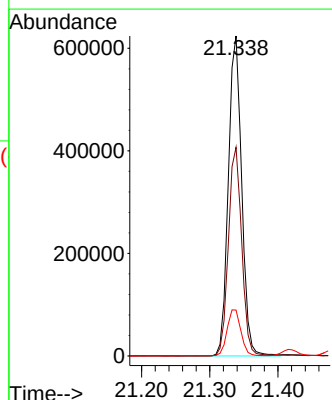
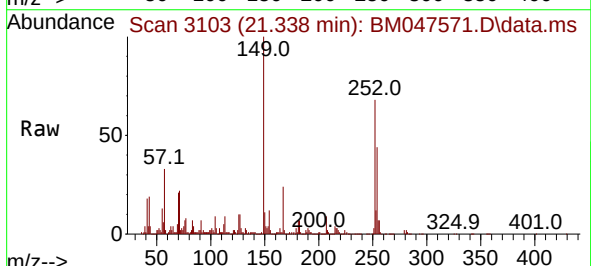
Tgt Ion:252 Resp: 848677

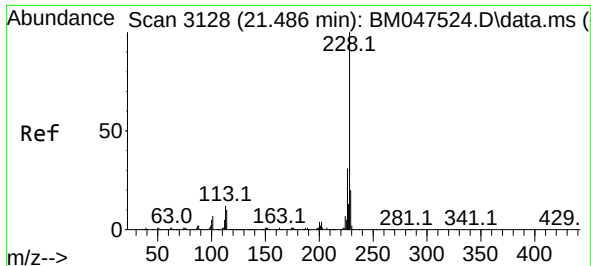
Ion Ratio Lower Upper

252 100

254 65.2 51.5 77.3

126 14.3 10.3 15.5





#83

Chrysene

Concen: 50.996 ng

RT: 21.480 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

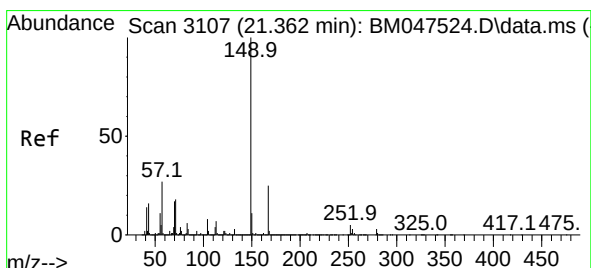
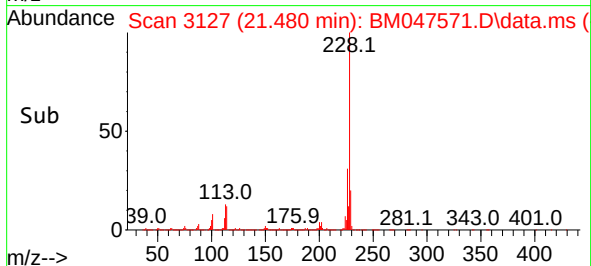
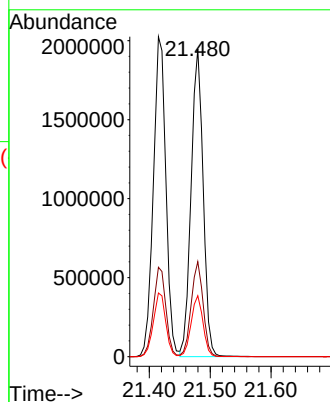
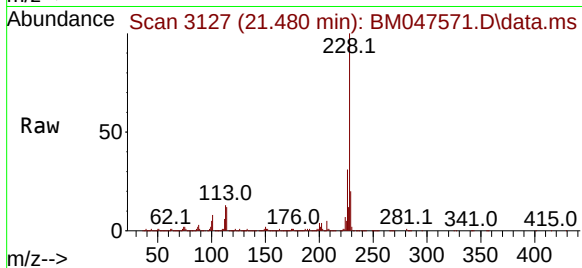
Tgt Ion:228 Resp: 2668012

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.374 ng

RT: 21.350 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

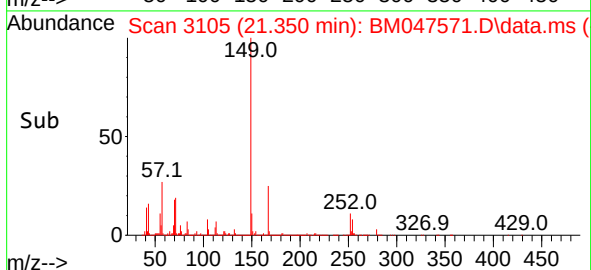
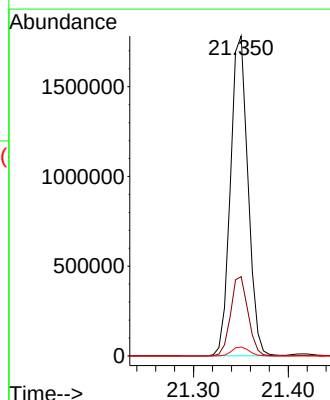
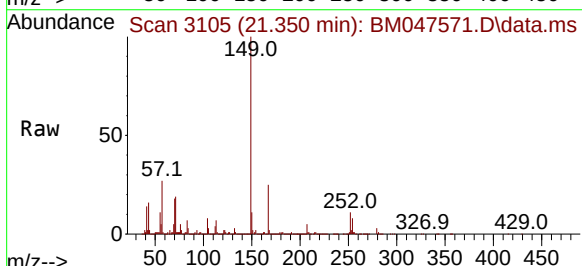
Tgt Ion:149 Resp: 2290993

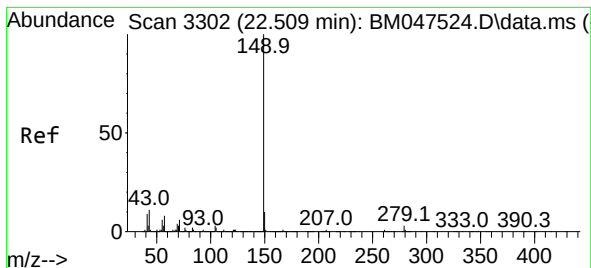
Ion Ratio Lower Upper

149 100

167 24.8 20.2 30.4

279 2.8 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 64.747 ng

RT: 22.491 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

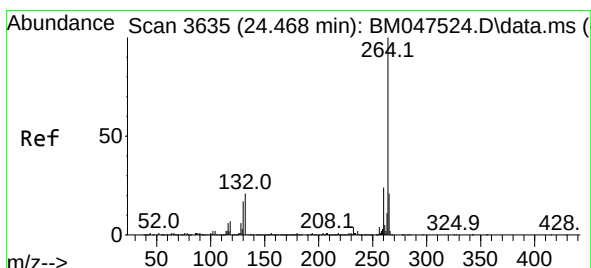
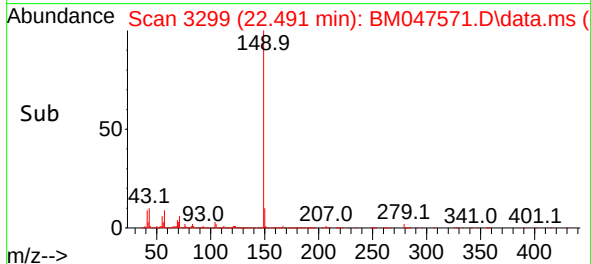
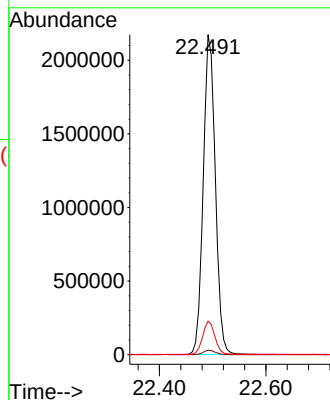
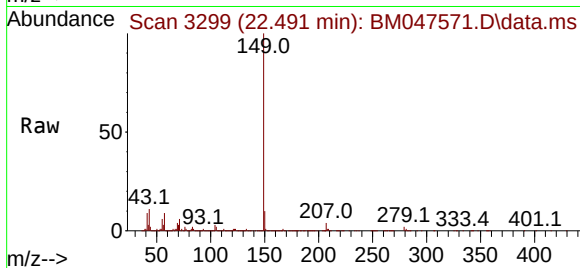
Tgt Ion:149 Resp: 3418679

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 10.5 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3633

Delta R.T. -0.012 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

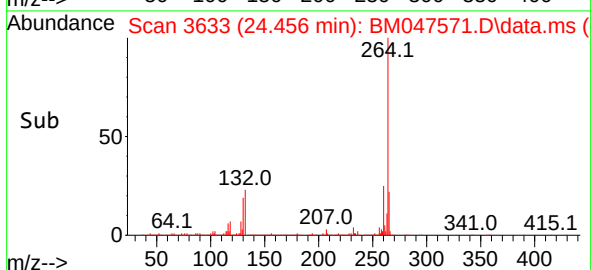
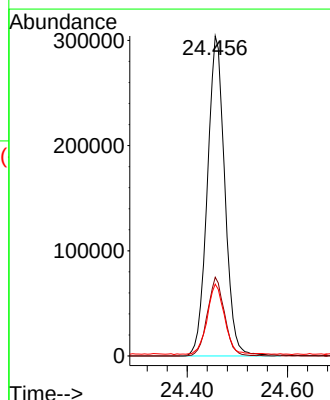
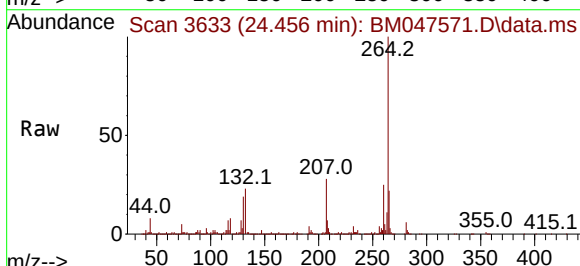
Tgt Ion:264 Resp: 735730

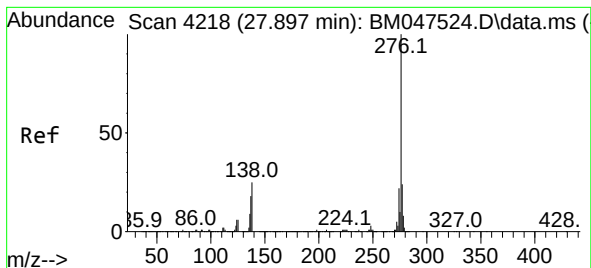
Ion Ratio Lower Upper

264 100

260 24.6 18.9 28.3

265 22.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 70.913 ng

RT: 27.885 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

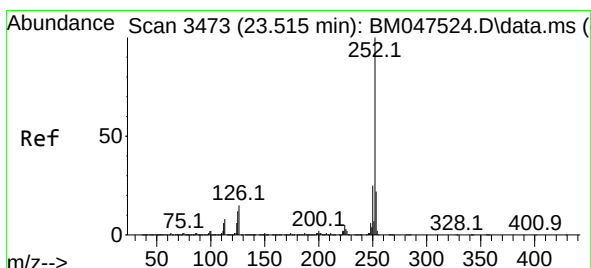
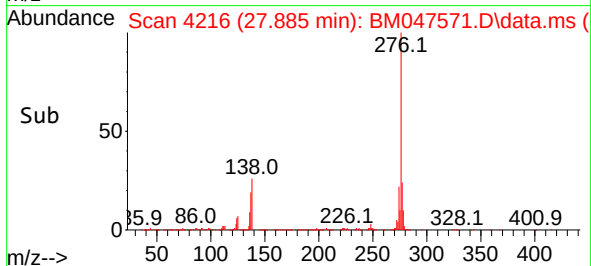
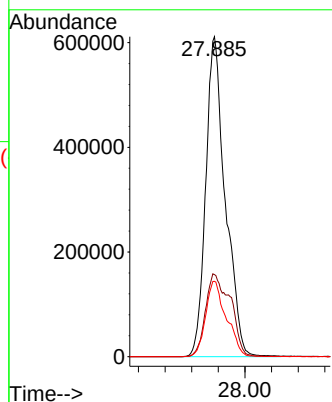
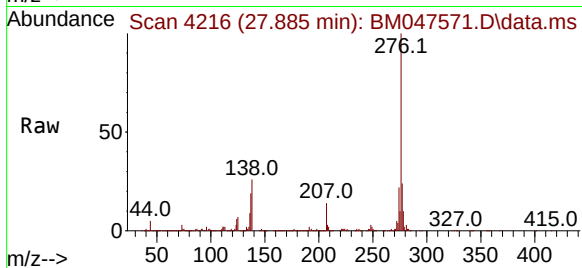
Tgt Ion:276 Resp: 3122286

Ion Ratio Lower Upper

276 100

138 32.9 25.0 37.6

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 56.081 ng

RT: 23.503 min Scan# 3471

Delta R.T. -0.012 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

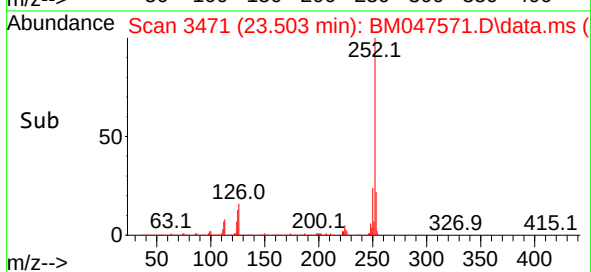
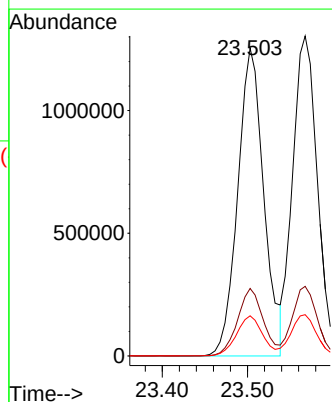
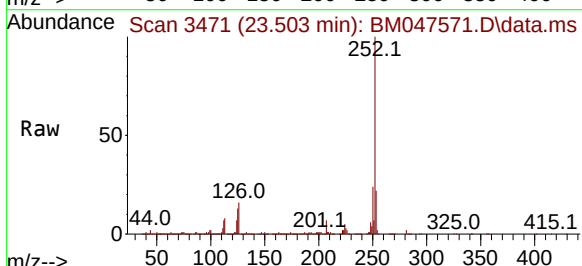
Tgt Ion:252 Resp: 2669630

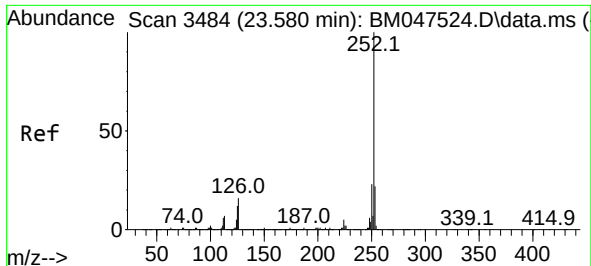
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 13.1 9.5 14.3

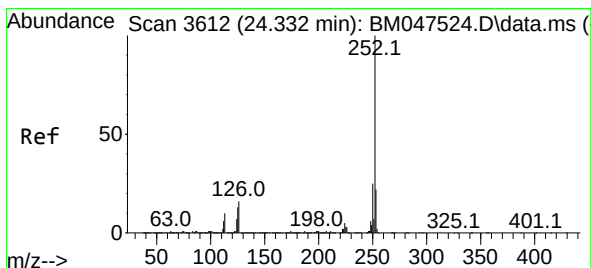
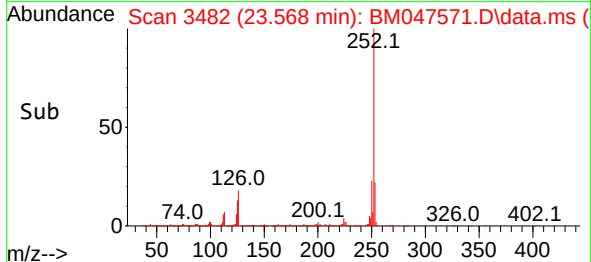
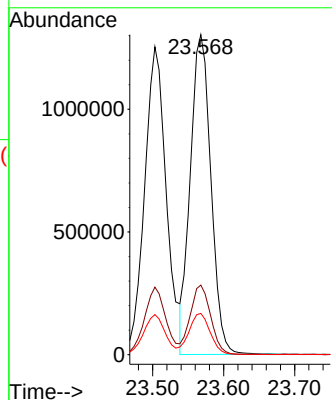
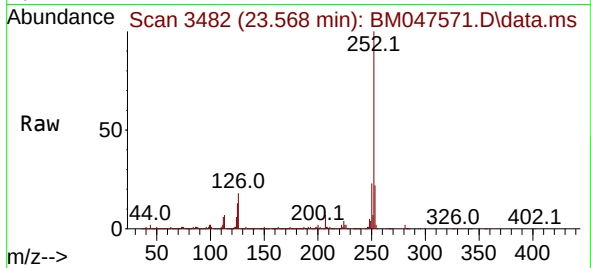




#89
Benzo(k)fluoranthene
Concen: 55.581 ng
RT: 23.568 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

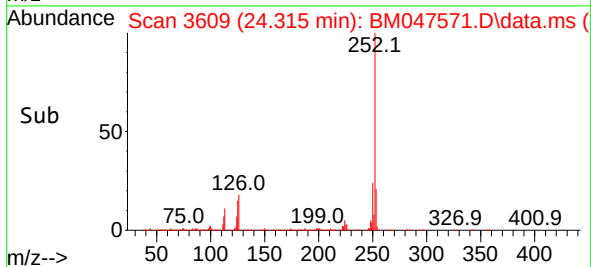
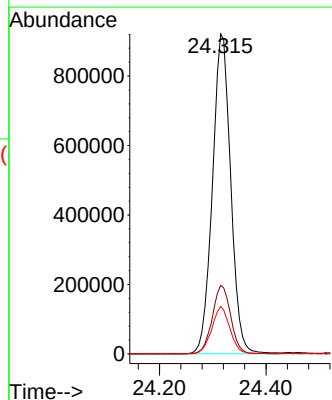
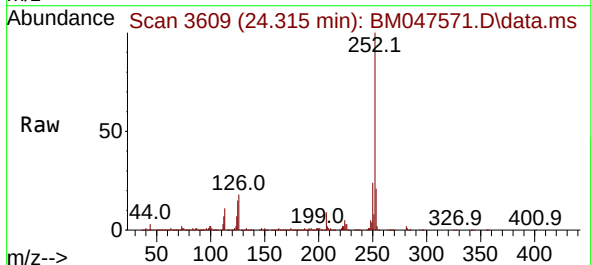
Instrument :
BNA_M
ClientSampleId :
PB163344BS

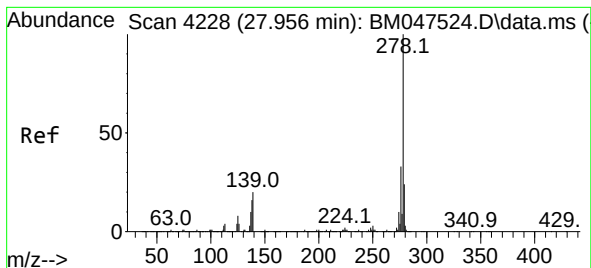
Tgt Ion:252 Resp: 2622176
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 12.9 9.5 14.3



#90
Benzo(a)pyrene
Concen: 56.096 ng
RT: 24.315 min Scan# 3609
Delta R.T. -0.018 min
Lab File: BM047571.D
Acq: 19 Sep 2024 15:14

Tgt Ion:252 Resp: 2188627
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 14.9 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 71.634 ng

RT: 27.950 min Scan# 4397

Delta R.T. -0.006 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Instrument :

BNA_M

ClientSampleId :

PB163344BS

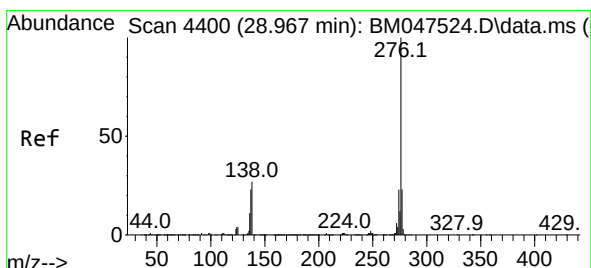
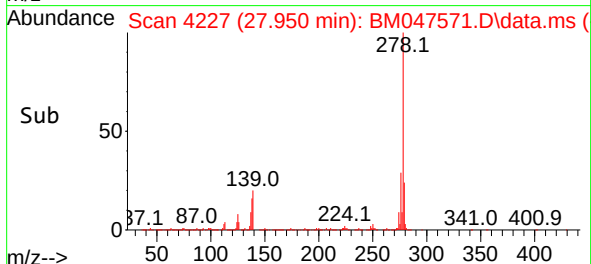
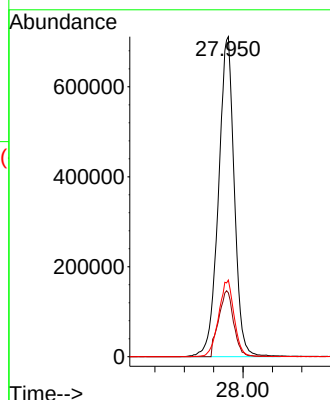
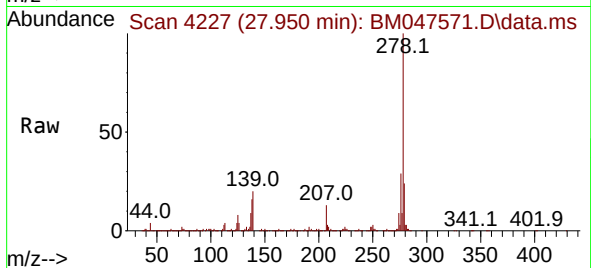
Tgt Ion:278 Resp: 2653606

Ion Ratio Lower Upper

278 100

139 20.0 15.9 23.9

279 24.0 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 72.148 ng

RT: 28.950 min Scan# 4397

Delta R.T. -0.018 min

Lab File: BM047571.D

Acq: 19 Sep 2024 15:14

Tgt Ion:276 Resp: 2610752

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 28.6 21.5 32.3

