

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
 Data File : BM047403.D
 Acq On : 30 Aug 2024 12:47
 Operator : RC/JU
 Sample : PB163081BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163081BS

Quant Time: Aug 30 13:23:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	263227	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1003038	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	683549	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1423519	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1134291	20.000	ng	0.00
86) Perylene-d12	23.727	264	1222822	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1926582	140.421	ng	0.00
7) Phenol-d6	6.575	99	2501517	133.840	ng	0.00
23) Nitrobenzene-d5	8.498	82	1625666	89.928	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1157840	140.397	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	4022958	90.429	ng	0.00
79) Terphenyl-d14	19.445	244	6181551	97.002	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.016	88	211059	37.583	ng 98
3) Pyridine	3.393	79	566317	36.334	ng 99
4) n-Nitrosodimethylamine	3.316	42	278706	43.906	ng 98
6) Aniline	6.698	93	755592	44.636	ng 99
8) 2-Chlorophenol	6.928	128	793108	51.646	ng 98
9) Benzaldehyde	6.516	77	307726	29.050	ng 95
10) Phenol	6.604	94	909801	49.476	ng 98
11) bis(2-Chloroethyl)ether	6.798	93	735218	46.137	ng 99
12) 1,3-Dichlorobenzene	7.234	146	858515	45.718	ng 99
13) 1,4-Dichlorobenzene	7.381	146	869653	45.728	ng 99
14) 1,2-Dichlorobenzene	7.687	146	844943	46.882	ng 100
15) Benzyl Alcohol	7.604	79	701194	54.114	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.869	45	887130	46.429	ng 99
17) 2-Methylphenol	7.822	107	639938	50.089	ng 99
18) Hexachloroethane	8.392	117	331958	46.693	ng 98
19) n-Nitroso-di-n-propyla...	8.163	70	545354	42.447	ng 98
20) 3+4-Methylphenols	8.145	107	867902	48.859	ng 98
22) Acetophenone	8.169	105	1066381	45.810	ng # 98
24) Nitrobenzene	8.539	77	836766	45.006	ng 97
25) Isophorone	9.063	82	1585950	46.418	ng 99
26) 2-Nitrophenol	9.239	139	468442	51.223	ng 97
27) 2,4-Dimethylphenol	9.328	122	649979	62.966	ng 98
28) bis(2-Chloroethoxy)met...	9.545	93	977757	46.733	ng 98
29) 2,4-Dichlorophenol	9.781	162	863638	53.933	ng 98
30) 1,2,4-Trichlorobenzene	9.975	180	853494	46.145	ng 99
31) Naphthalene	10.151	128	2274447	46.426	ng 99
32) Benzoic acid	9.551	122	540917	43.883	ng 99
33) 4-Chloroaniline	10.292	127	631488	34.667	ng 99
34) Hexachlorobutadiene	10.428	225	551342	47.731	ng 99
35) Caprolactam	11.116	113	158628	30.580	ng 96
36) 4-Chloro-3-methylphenol	11.445	107	808279	49.705	ng 100
37) 2-Methylnaphthalene	11.780	142	1692115	47.371	ng 99
38) 1-Methylnaphthalene	12.004	142	1577794	44.661	ng 100
40) 1,2,4,5-Tetrachloroben...	12.163	216	976239	48.230	ng 99
41) Hexachlorocyclopentadiene	12.127	237	1073166	167.991	ng 98
43) 2,4,6-Trichlorophenol	12.433	196	715681	51.578	ng 100

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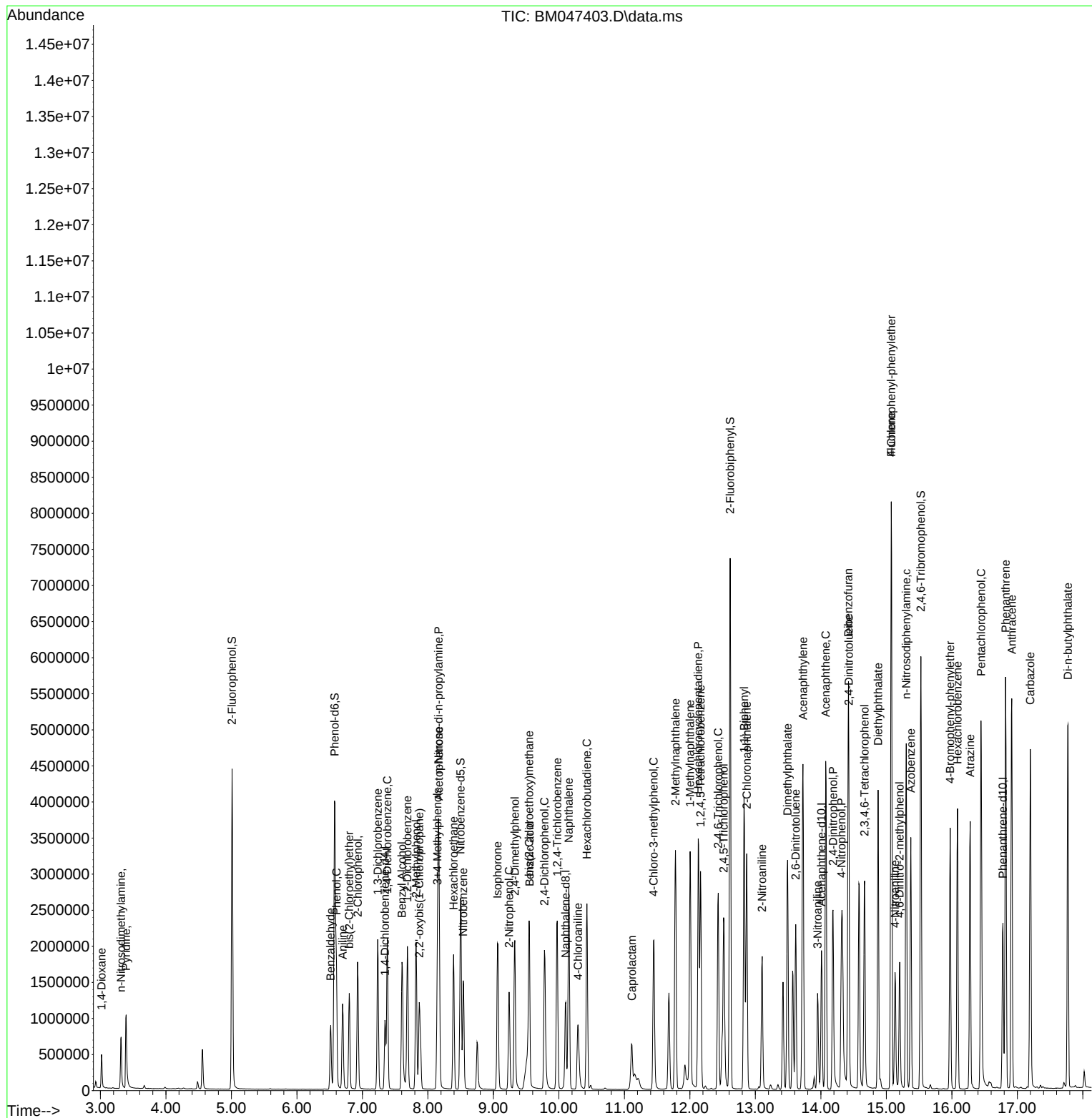
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	766068	49.713	ng	98
46) 1,1'-Biphenyl	12.827	154	2199829	46.090	ng	99
47) 2-Chloronaphthalene	12.869	162	1707078	45.640	ng	99
48) 2-Nitroaniline	13.104	65	519728	49.606	ng	96
49) Acenaphthylene	13.727	152	2748828	50.566	ng	100
50) Dimethylphthalate	13.492	163	2336800	49.614	ng	100
51) 2,6-Dinitrotoluene	13.616	165	527857	48.135	ng	99
52) Acenaphthene	14.074	154	1675743	48.559	ng	99
53) 3-Nitroaniline	13.951	138	380050	37.558	ng	98
54) 2,4-Dinitrophenol	14.186	184	736618	109.075	ng	93
55) Dibenzofuran	14.421	168	2676127	48.145	ng	100
56) 4-Nitrophenol	14.316	139	782720	98.955	ng	99
57) 2,4-Dinitrotoluene	14.427	165	687414	48.424	ng	91
58) Fluorene	15.074	166	2124759	47.232	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.668	232	656767	51.889	ng	98
60) Diethylphthalate	14.874	149	2256055	48.560	ng	99
61) 4-Chlorophenyl-phenyle...	15.074	204	1105658	48.315	ng	99
62) 4-Nitroaniline	15.133	138	467804	49.975	ng	98
63) Azobenzene	15.374	77	1917845	47.404	ng	97
65) 4,6-Dinitro-2-methylph...	15.204	198	461140	52.779	ng	99
66) n-Nitrosodiphenylamine	15.304	169	1909986	49.035	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	722597	48.117	ng	97
68) Hexachlorobenzene	16.086	284	823599	47.483	ng	98
69) Atrazine	16.280	200	752206	59.081	ng	99
70) Pentachlorophenol	16.445	266	1044688	93.159	ng	98
71) Phenanthrene	16.821	178	3413560	49.377	ng	99
72) Anthracene	16.915	178	3520382	52.237	ng	100
73) Carbazole	17.198	167	3217017	49.745	ng	100
74) Di-n-butylphthalate	17.774	149	3937372	49.999	ng	100
75) Fluoranthene	18.862	202	4010345	49.404	ng	100
77) Benzidine	19.068	184	1505874	79.533	ng	99
78) Pyrene	19.227	202	4211527	48.410	ng	100
80) Butylbenzylphthalate	20.162	149	1755650	51.570	ng	96
81) Benzo(a)anthracene	21.009	228	3690644	49.893	ng	99
82) 3,3'-Dichlorobenzidine	20.950	252	1015790	40.823	ng	99
83) Chrysene	21.068	228	3434501	49.359	ng	99
84) Bis(2-ethylhexyl)phtha...	20.956	149	2375959	49.380	ng	99
85) Di-n-octyl phthalate	21.986	149	4142836	51.155	ng	98
87) Indeno(1,2,3-cd)pyrene	26.744	276	3689201	48.194	ng	99
88) Benzo(b)fluoranthene	22.886	252	3413064	47.841	ng	100
89) Benzo(k)fluoranthene	22.939	252	3421676	50.594	ng	100
90) Benzo(a)pyrene	23.603	252	3215256	52.115	ng	99
91) Dibenzo(a,h)anthracene	26.785	278	2964437	47.803	ng	100
92) Benzo(g,h,i)perylene	27.673	276	2786041	43.215	ng	99

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

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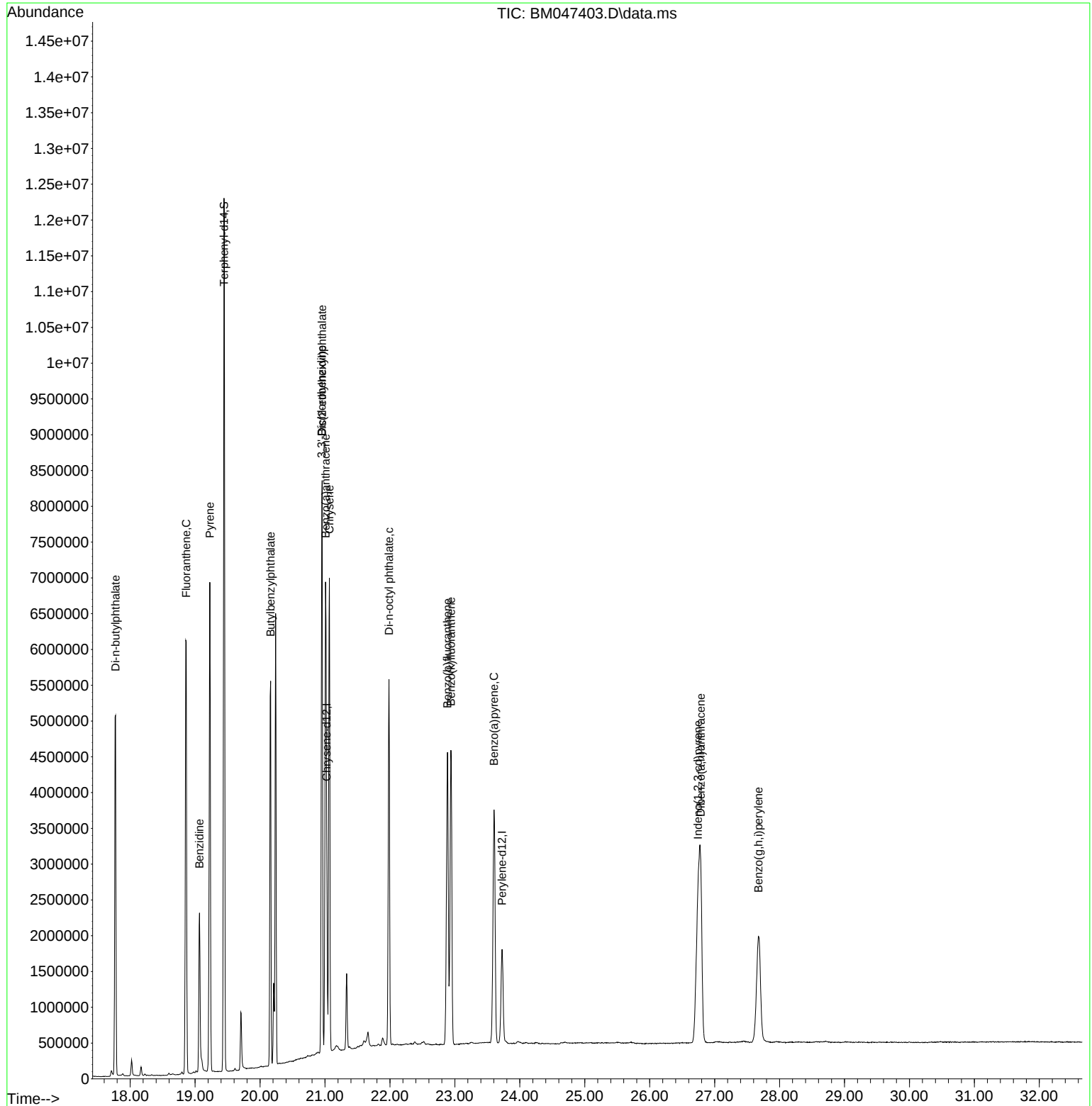
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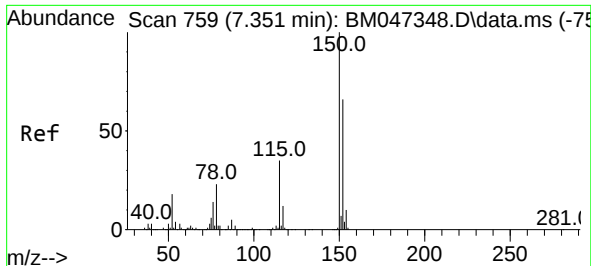


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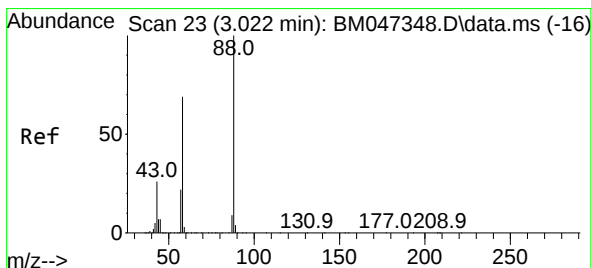
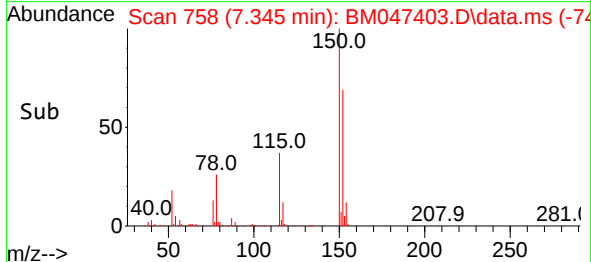
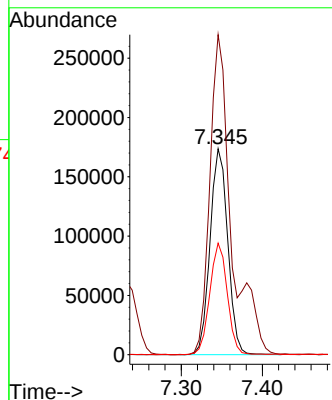
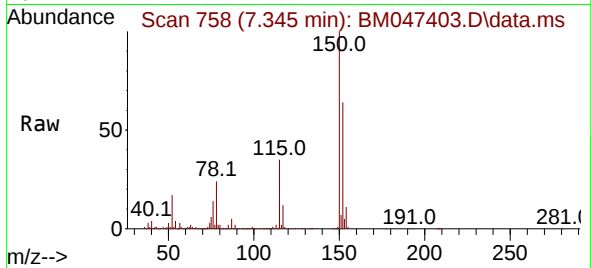




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.345 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BM047403.D
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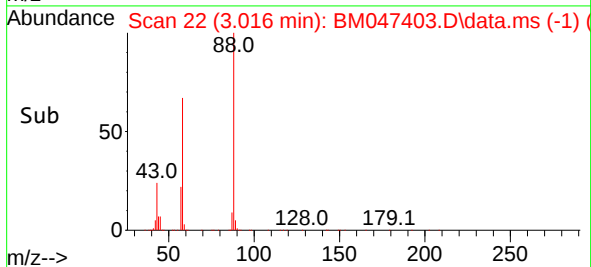
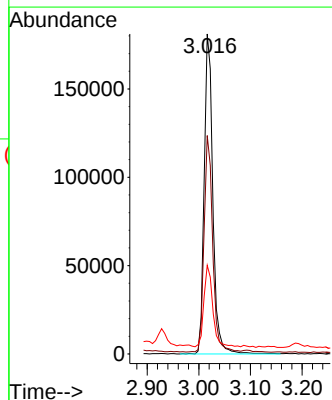
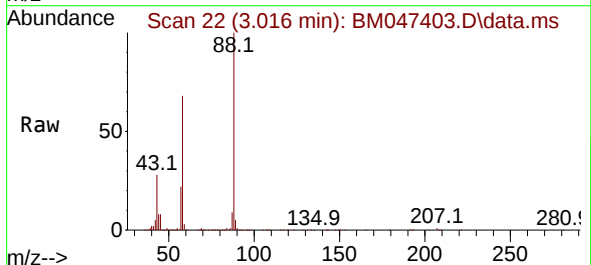
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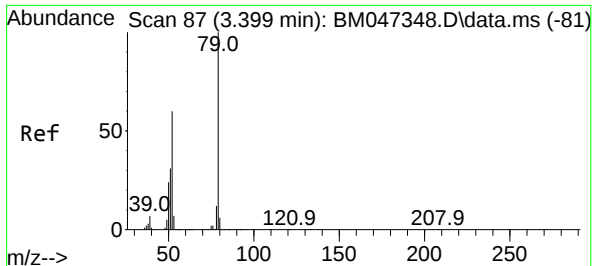
Tgt Ion:152 Resp: 263227
 Ion Ratio Lower Upper
 152 100
 150 155.3 121.3 181.9
 115 54.1 42.6 64.0



#2
 1,4-Dioxane
 Concen: 37.583 ng
 RT: 3.016 min Scan# 22
 Delta R.T. -0.006 min
 Lab File: BM047403.D
 Acq: 30 Aug 2024 12:47

Tgt Ion: 88 Resp: 211059
 Ion Ratio Lower Upper
 88 100
 58 66.9 55.4 83.0
 43 25.9 20.7 31.1

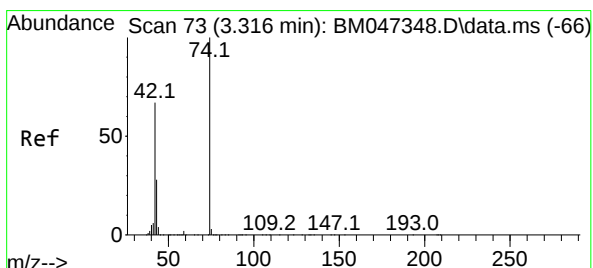
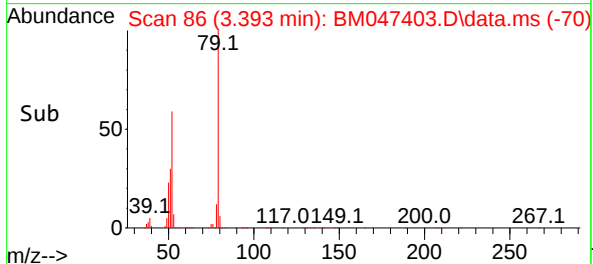
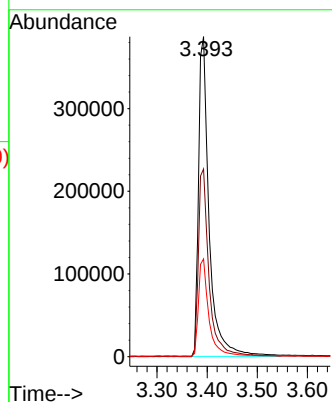
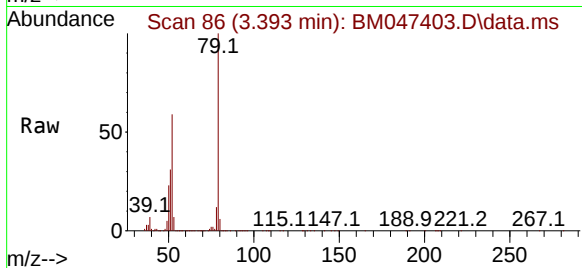




#3
 Pyridine
 Concen: 36.334 ng
 RT: 3.393 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM047403.D
 Acq: 30 Aug 2024 12:47

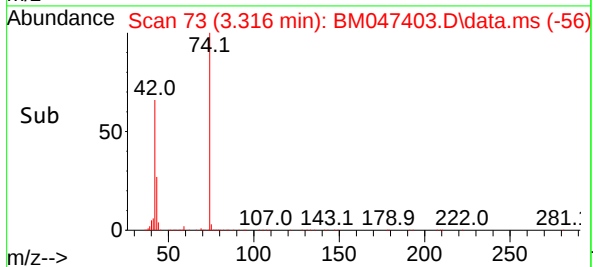
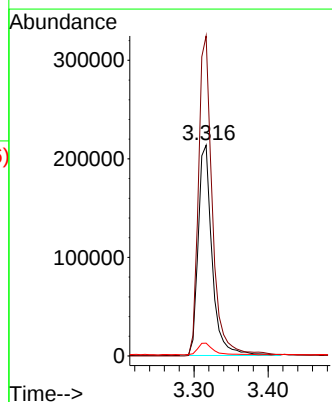
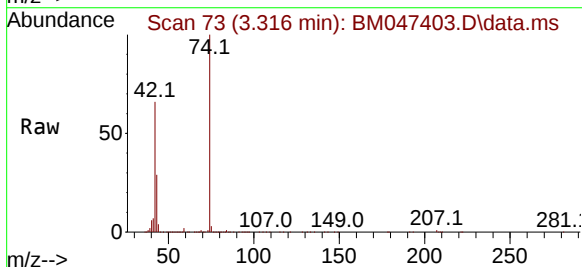
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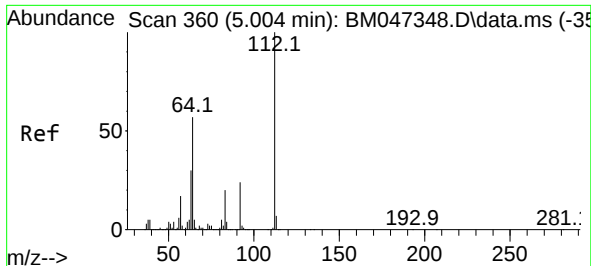
Tgt Ion: 79 Resp: 566317
 Ion Ratio Lower Upper
 79 100
 52 58.7 47.8 71.6
 51 30.5 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 43.906 ng
 RT: 3.316 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: BM047403.D
 Acq: 30 Aug 2024 12:47

Tgt Ion: 42 Resp: 278706
 Ion Ratio Lower Upper
 42 100
 74 151.8 119.2 178.8
 44 6.1 5.2 7.8

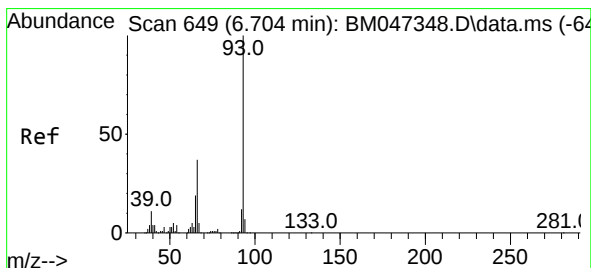
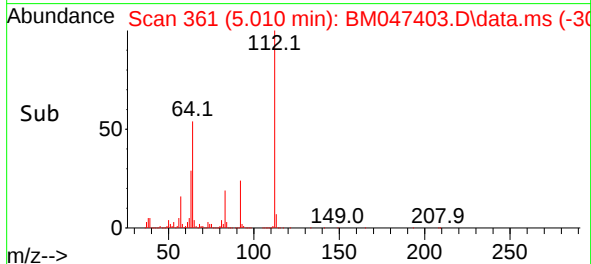
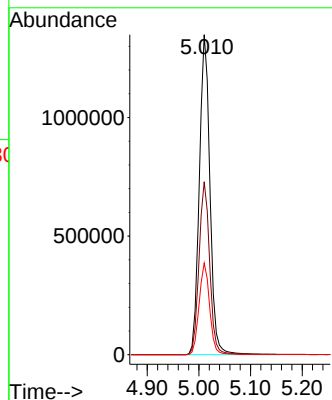
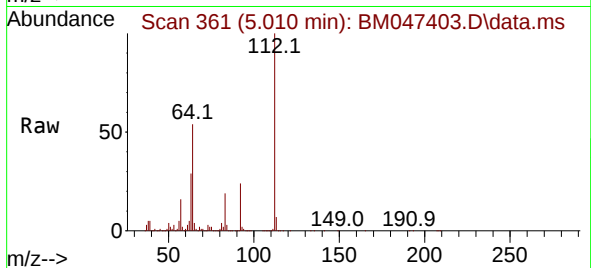




#5
2-Fluorophenol
Concen: 140.421 ng
RT: 5.010 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM047403.D
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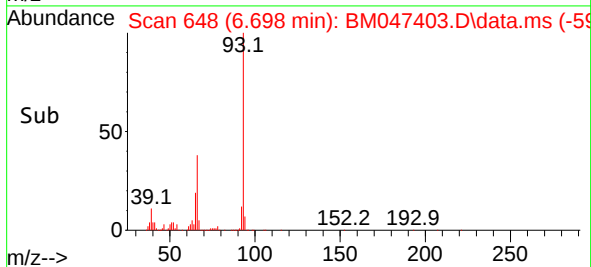
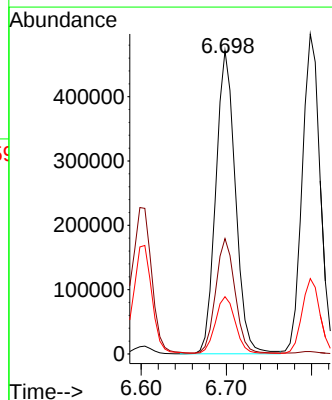
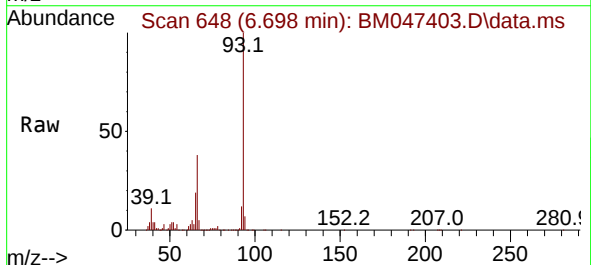
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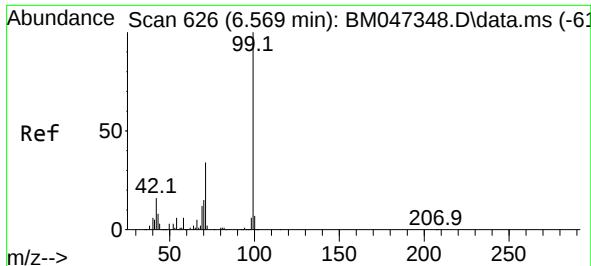
Tgt Ion:112 Resp: 1926582
Ion Ratio Lower Upper
112 100
64 54.1 45.7 68.5
63 28.6 23.8 35.8



#6
Aniline
Concen: 44.636 ng
RT: 6.698 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion: 93 Resp: 755592
Ion Ratio Lower Upper
93 100
66 38.0 30.0 45.0
65 18.9 15.5 23.3

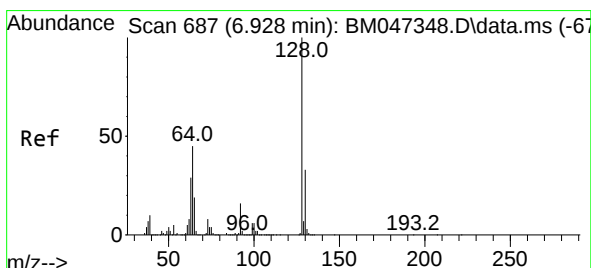
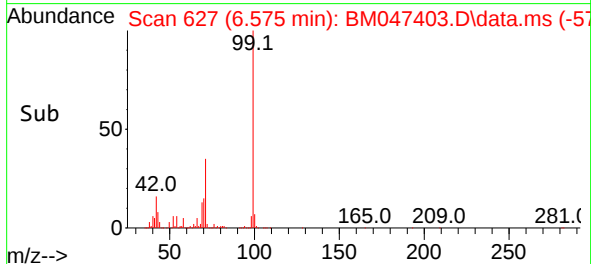
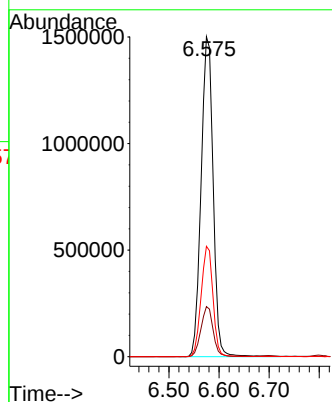
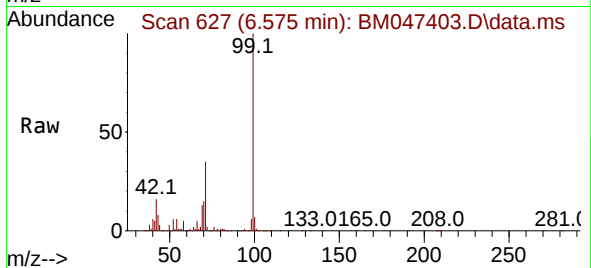




#7
Phenol-d6
Concen: 133.840 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047403.D
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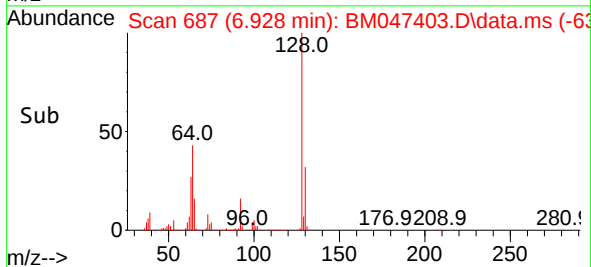
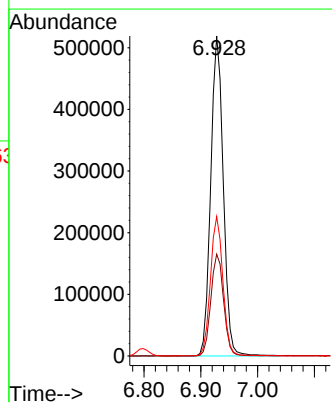
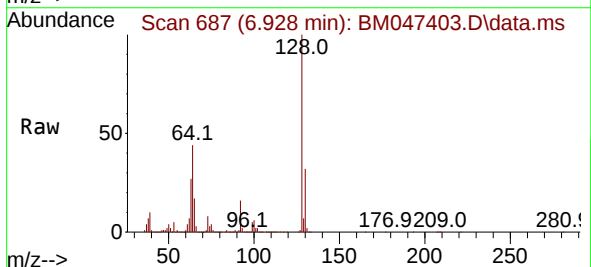
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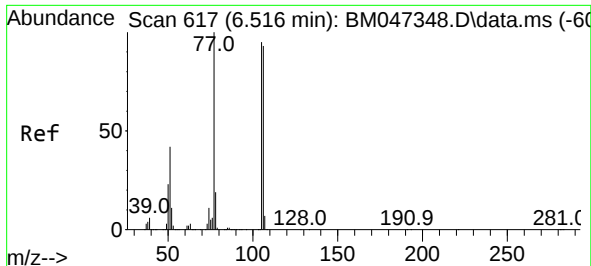
Tgt Ion: 99 Resp: 2501517
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 34.5 27.5 41.3



#8
2-Chlorophenol
Concen: 51.646 ng
RT: 6.928 min Scan# 687
Delta R.T. 0.000 min
Lab File: BM047403.D
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Tgt Ion: 128 Resp: 793108
Ion Ratio Lower Upper
128 100
130 31.8 12.9 52.9
64 43.6 25.3 65.3

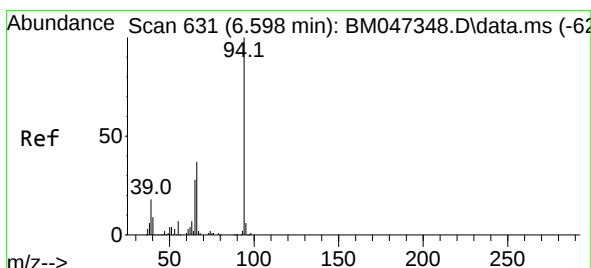
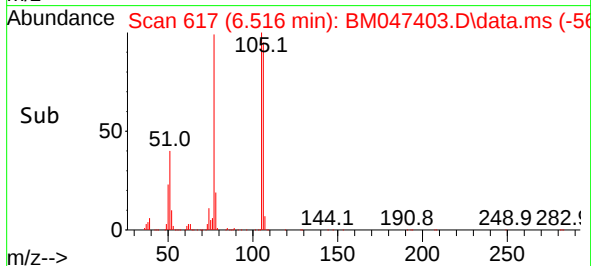
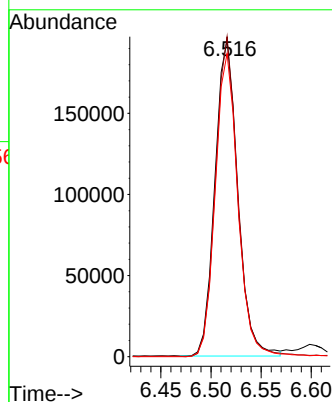
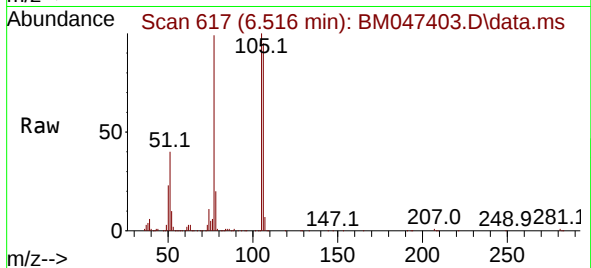




#9
Benzaldehyde
Concen: 29.050 ng
RT: 6.516 min Scan# 617
Delta R.T. 0.000 min
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Acq: 30 Aug 2024 12:47

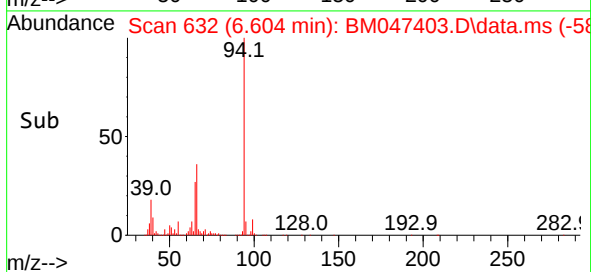
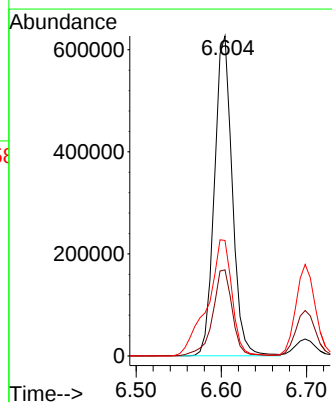
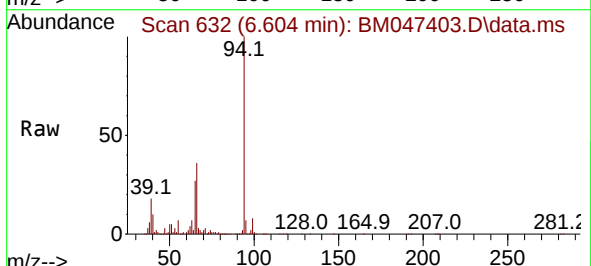
Instrument :
BNA_M
ClientSampleId :
PB163081BS

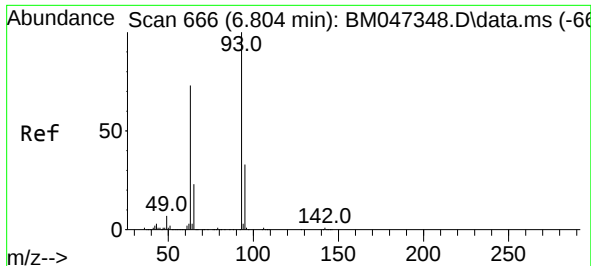
Tgt Ion: 77 Resp: 307726
Ion Ratio Lower Upper
77 100
105 101.1 74.9 114.9
106 95.8 72.6 112.6



#10
Phenol
Concen: 49.476 ng
RT: 6.604 min Scan# 632
Delta R.T. 0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion: 94 Resp: 909801
Ion Ratio Lower Upper
94 100
65 26.9 7.9 47.9
66 36.1 17.3 57.3

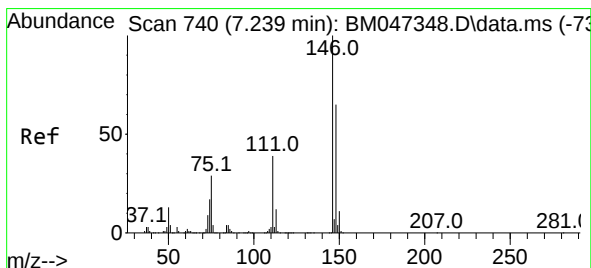
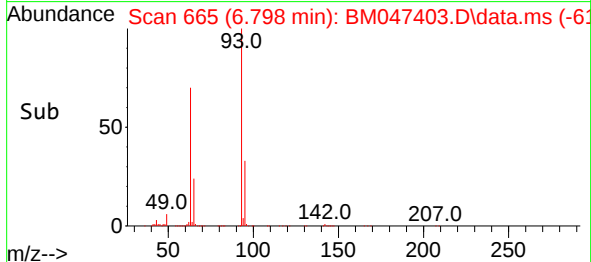
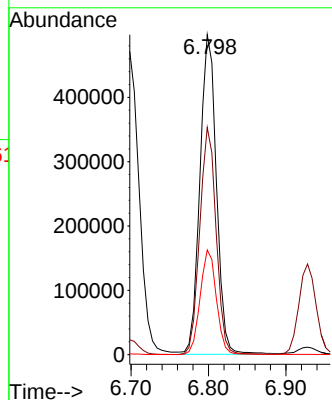
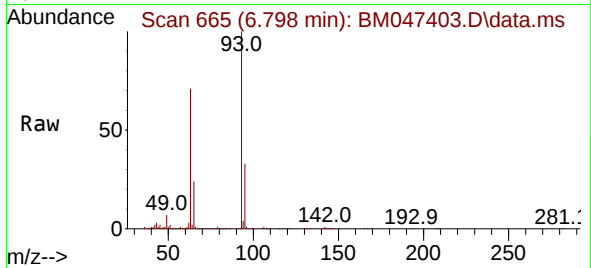




#11
bis(2-Chloroethyl)ether
Concen: 46.137 ng
RT: 6.798 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

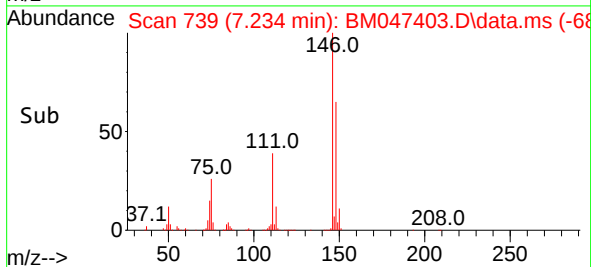
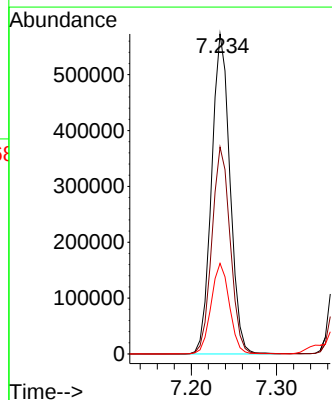
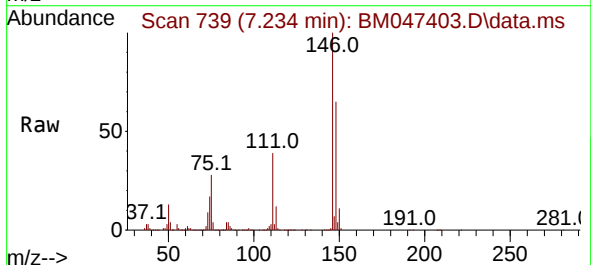
Instrument :
BNA_M
ClientSampleId :
PB163081BS

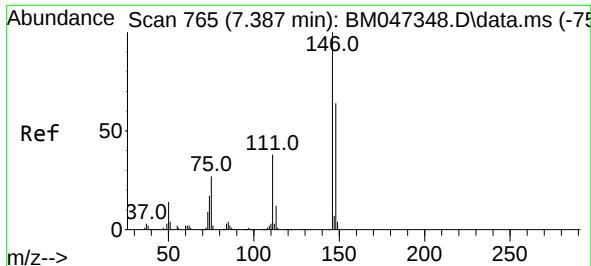
Tgt Ion: 93 Resp: 735218
Ion Ratio Lower Upper
93 100
63 71.0 52.2 92.2
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.718 ng
RT: 7.234 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion: 146 Resp: 858515
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
75 28.3 23.3 34.9

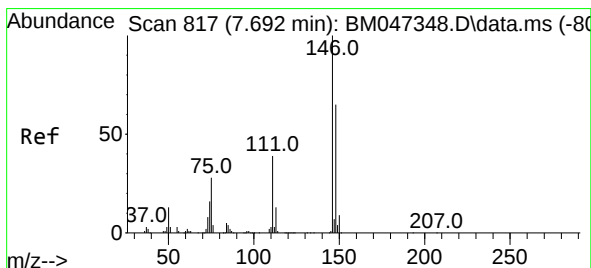
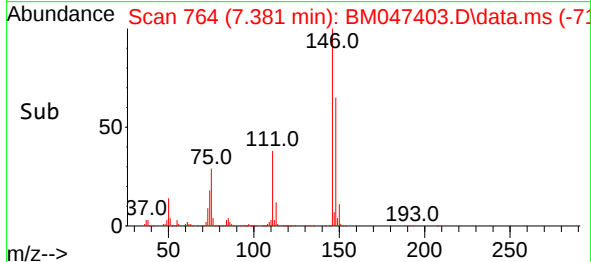
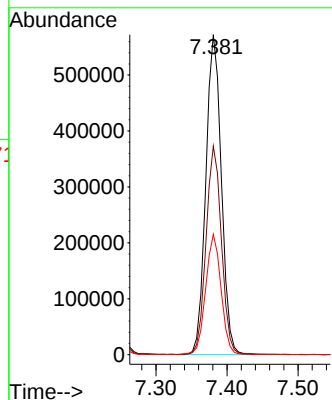
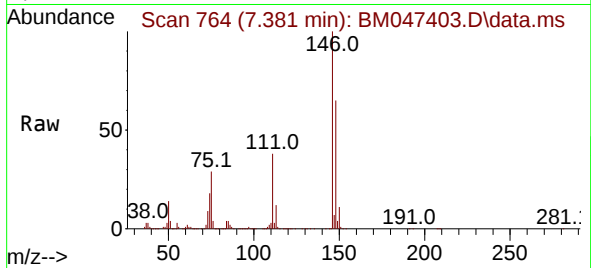




#13
1,4-Dichlorobenzene
Concen: 45.728 ng
RT: 7.381 min Scan# 764
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

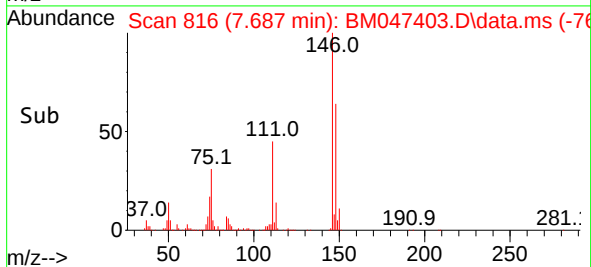
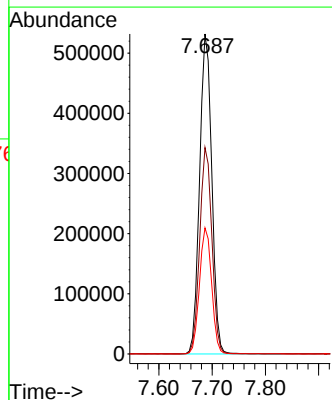
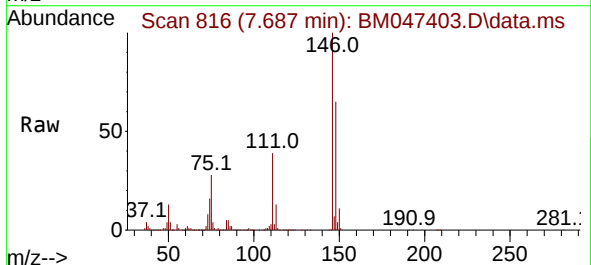
Instrument :
BNA_M
ClientSampleId :
PB163081BS

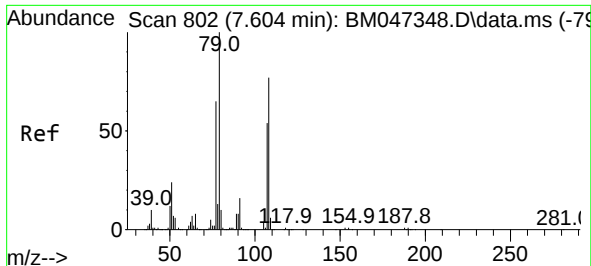
Tgt Ion:146 Resp: 869653
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.6
111 37.6 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 46.882 ng
RT: 7.687 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:146 Resp: 844943
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
111 39.4 31.7 47.5

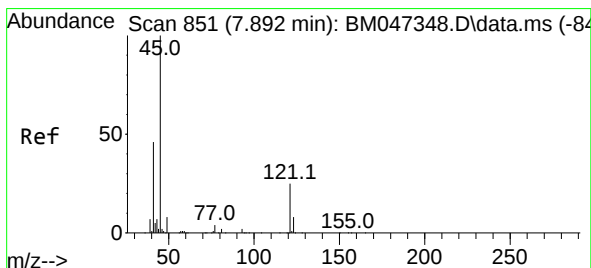
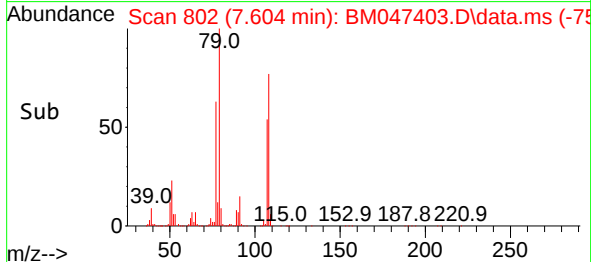
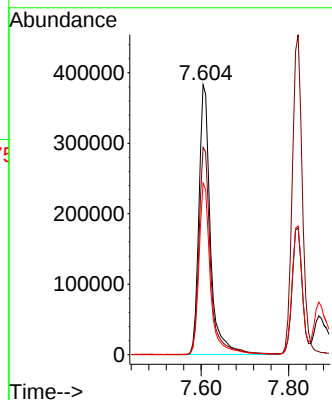
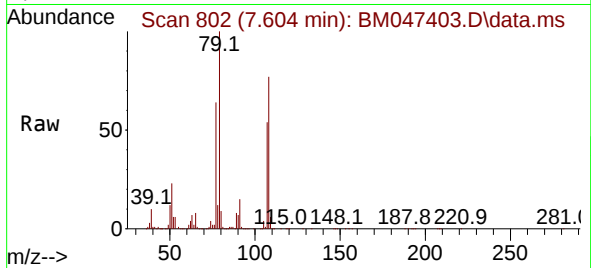




#15
Benzyl Alcohol
Concen: 54.114 ng
RT: 7.604 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

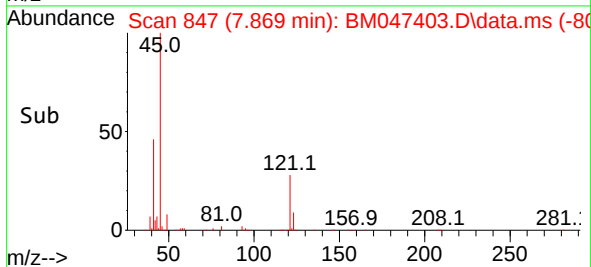
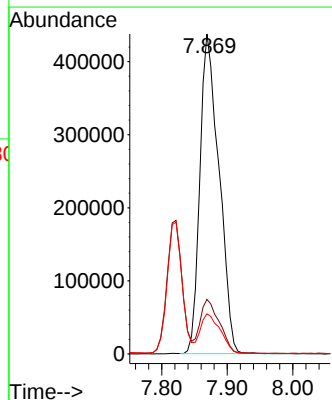
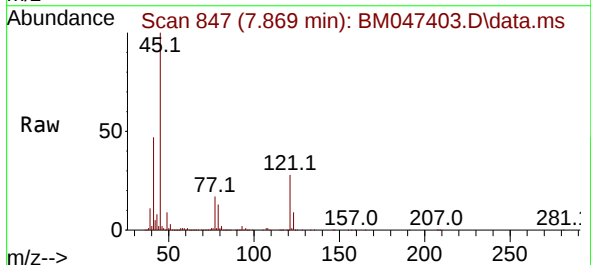
Instrument :
BNA_M
ClientSampleId :
PB163081BS

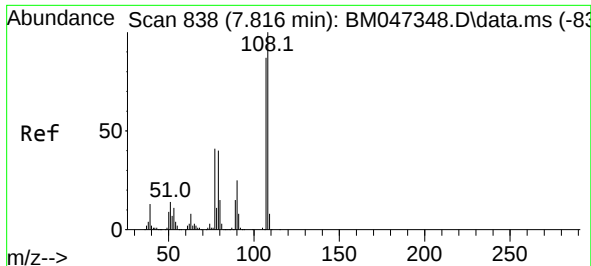
Tgt Ion: 79 Resp: 701194
Ion Ratio Lower Upper
79 100
108 76.8 61.1 91.7
77 63.5 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.429 ng
RT: 7.869 min Scan# 847
Delta R.T. -0.024 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion: 45 Resp: 887130
Ion Ratio Lower Upper
45 100
77 17.1 0.0 36.7
79 12.5 0.0 33.0



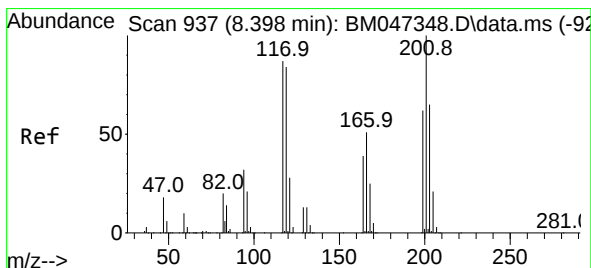
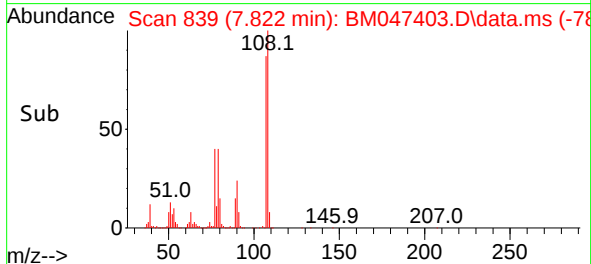
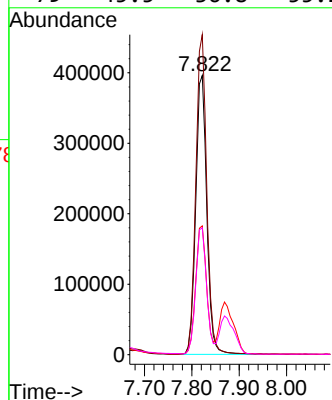
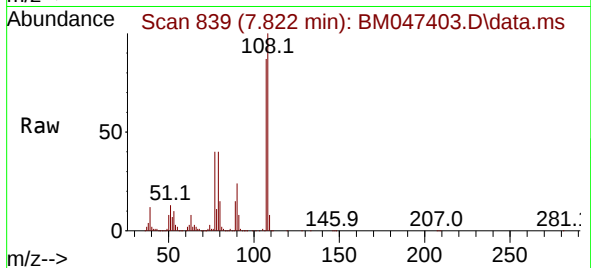


#17
2-Methylphenol
Concen: 50.089 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Instrument :
BNA_M
ClientSampleId :
PB163081BS

Tgt Ion:107 Resp: 639938

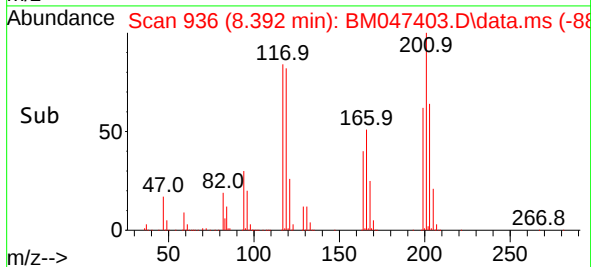
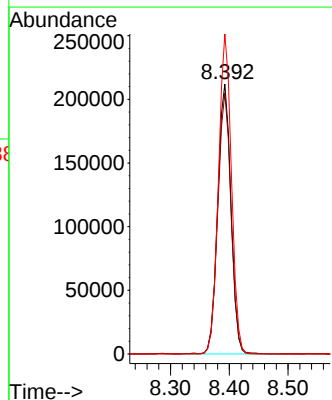
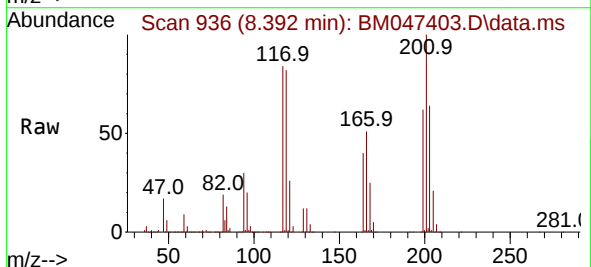
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.6	137.4
77	46.2	38.0	57.0
79	45.5	36.8	55.2

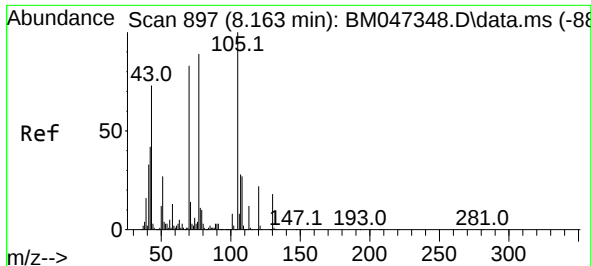


#18
Hexachloroethane
Concen: 46.693 ng
RT: 8.392 min Scan# 936
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:117 Resp: 331958

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.8	116.8
201	118.5	92.3	138.5



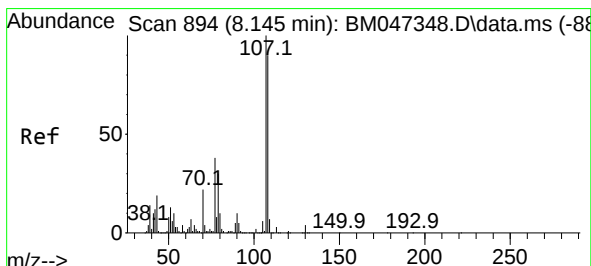
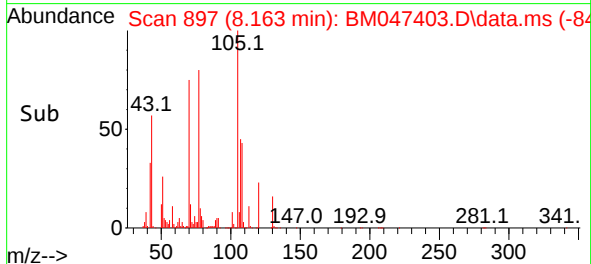
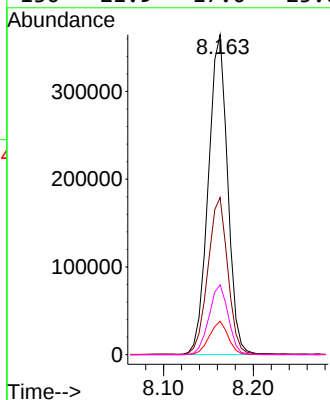
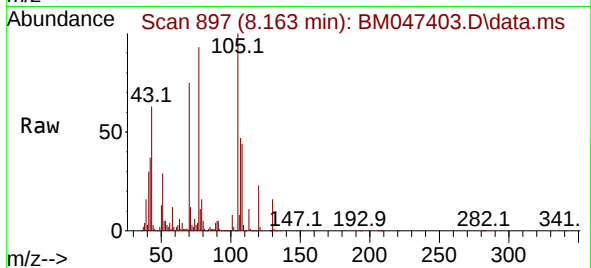


#19
n-Nitroso-di-n-propylamine
Concen: 42.447 ng
RT: 8.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Instrument :
BNA_M
ClientSampleId :
PB163081BS

Tgt Ion: 70 Resp: 545354

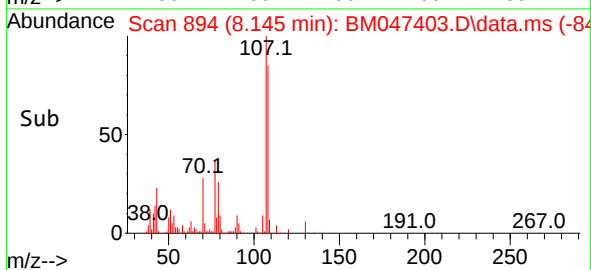
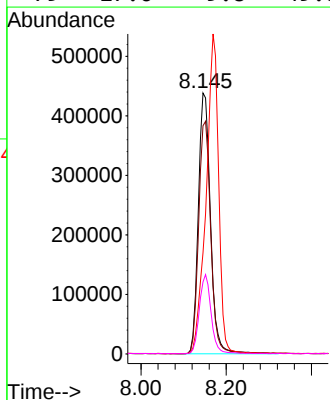
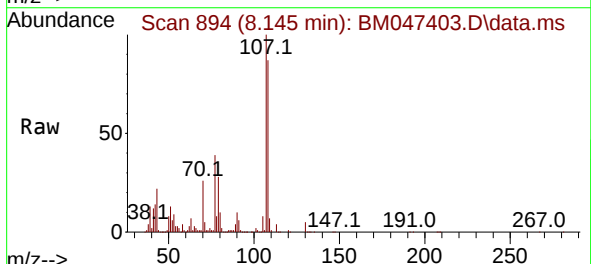
Ion	Ratio	Lower	Upper
70	100		
42	49.1	41.0	61.4
101	10.5	7.9	11.9
130	21.9	17.0	25.6

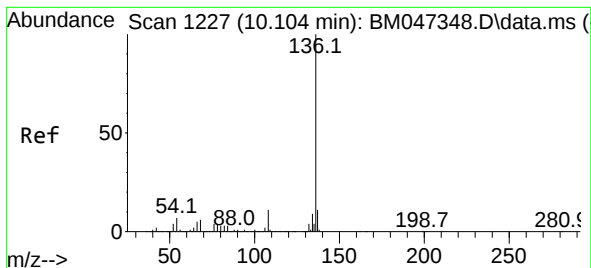


#20
3+4-Methylphenols
Concen: 48.859 ng
RT: 8.145 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion: 107 Resp: 867902

Ion	Ratio	Lower	Upper
107	100		
108	87.4	69.8	109.8
77	38.7	18.0	58.0
79	27.6	9.8	49.8

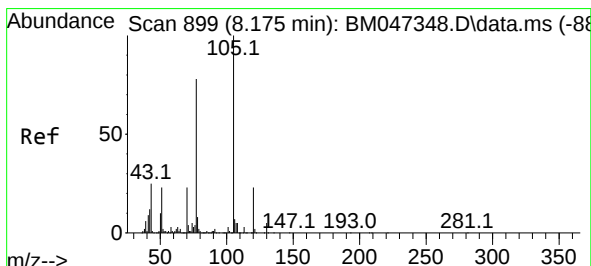
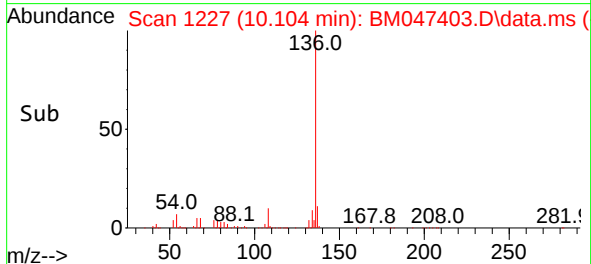
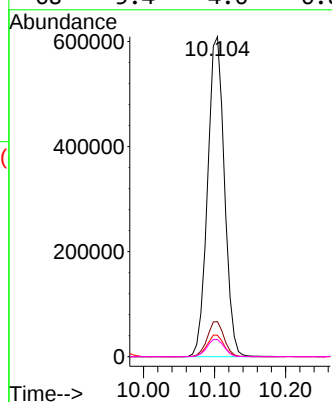
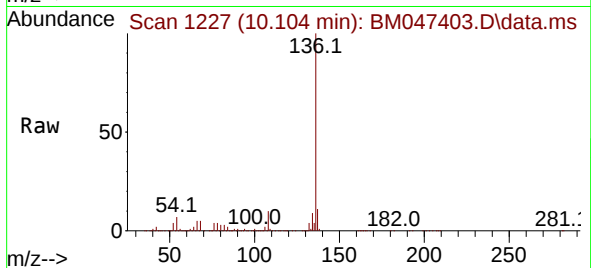




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

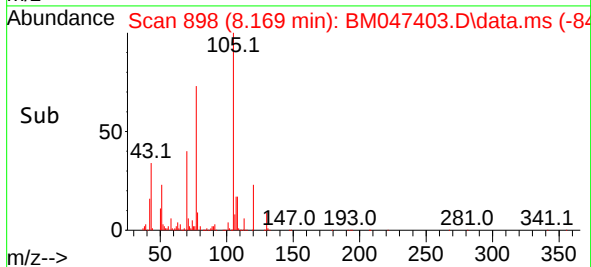
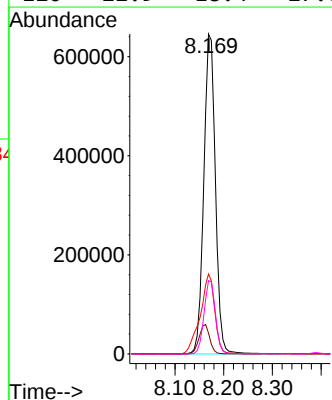
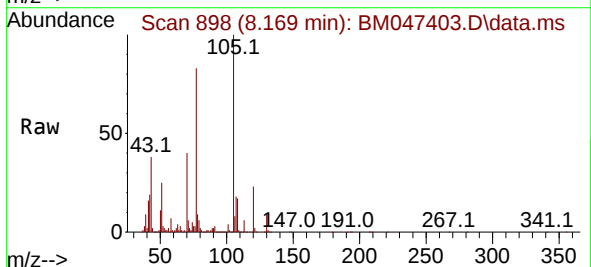
Instrument :
BNA_M
ClientSampleId :
PB163081BS

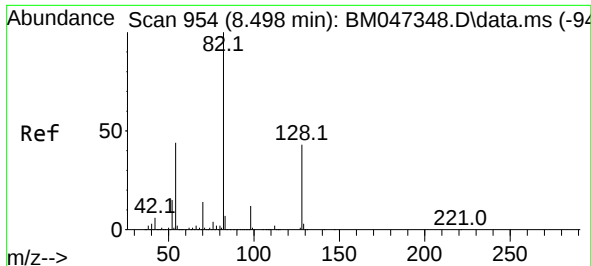
Tgt Ion:136 Resp: 1003038
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.2 7.8
68 5.4 4.6 6.8



#22
Acetophenone
Concen: 45.810 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:105 Resp: 1066381
Ion Ratio Lower Upper
105 100
71 6.5 3.1 4.7#
51 25.0 18.7 28.1
120 22.9 18.4 27.6

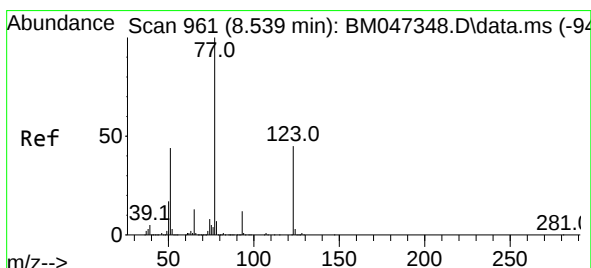
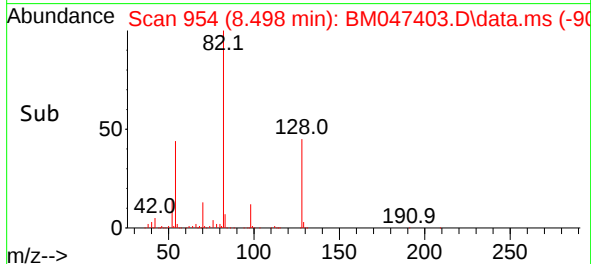
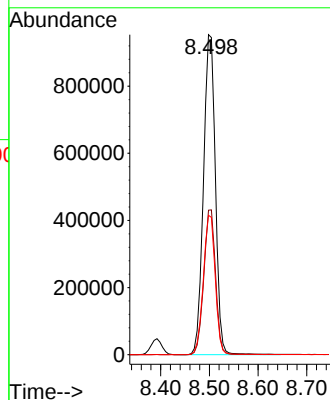
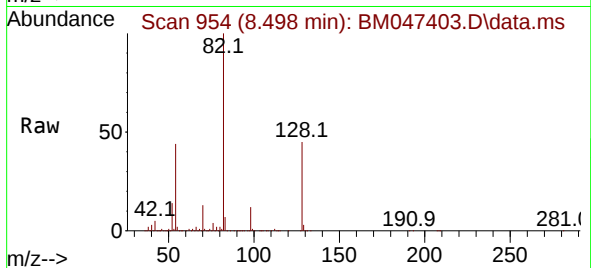




#23
Nitrobenzene-d5
Concen: 89.928 ng
RT: 8.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

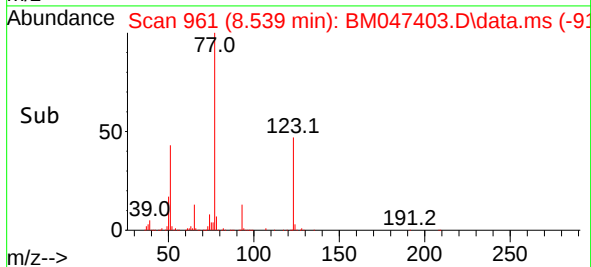
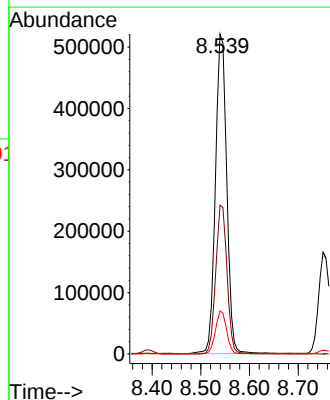
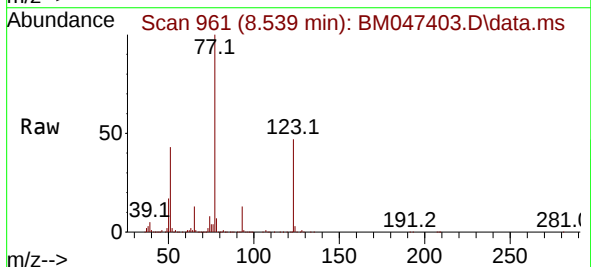
Instrument :
BNA_M
ClientSampleId :
PB163081BS

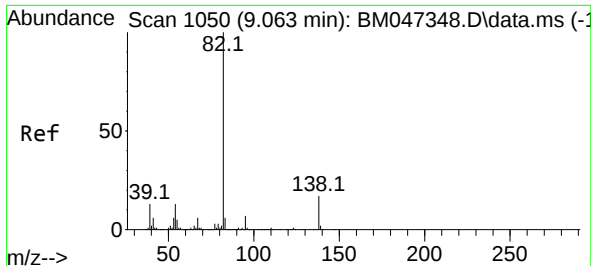
Tgt Ion: 82 Resp: 1625666
Ion Ratio Lower Upper
82 100
128 45.2 34.6 51.8
54 43.6 35.5 53.3



#24
Nitrobenzene
Concen: 45.006 ng
RT: 8.539 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion: 77 Resp: 836766
Ion Ratio Lower Upper
77 100
123 46.5 35.6 53.4
65 13.5 10.5 15.7

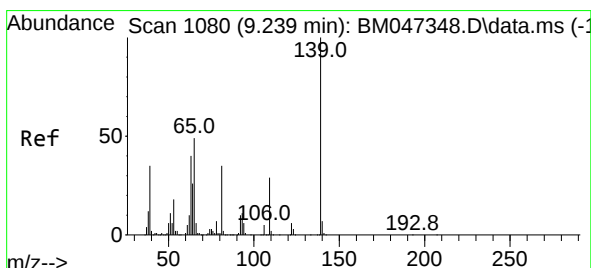
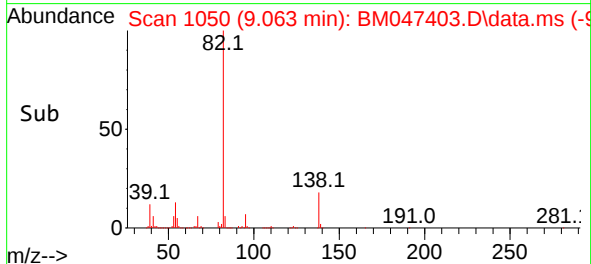
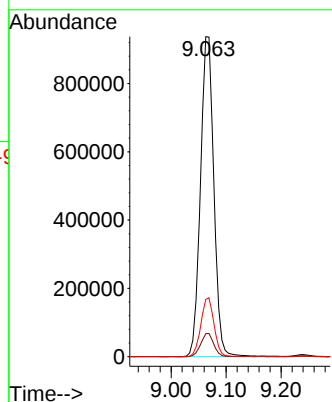
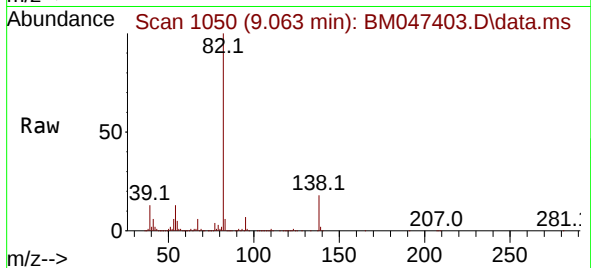




#25
Isophorone
Concen: 46.418 ng
RT: 9.063 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

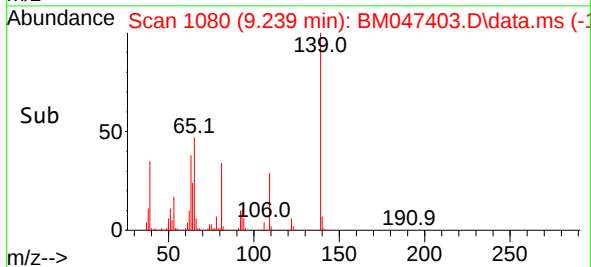
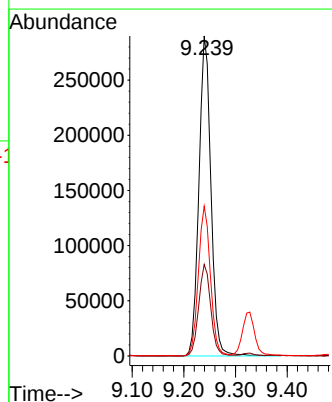
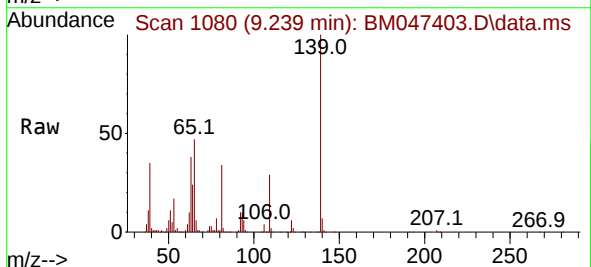
Instrument :
BNA_M
ClientSampleId :
PB163081BS

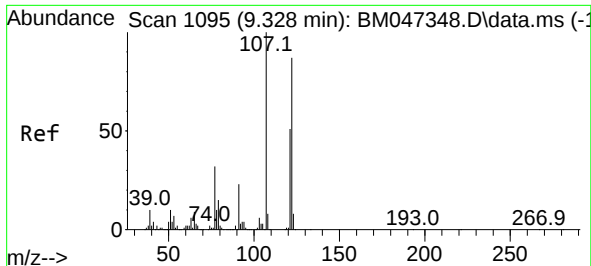
Tgt Ion: 82 Resp: 1585950
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 17.9 13.9 20.9



#26
2-Nitrophenol
Concen: 51.223 ng
RT: 9.239 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:139 Resp: 468442
Ion Ratio Lower Upper
139 100
109 28.6 23.4 35.0
65 46.8 39.6 59.4

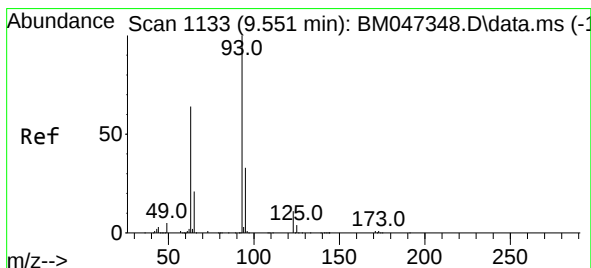
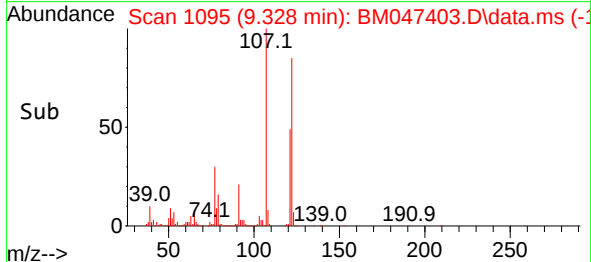
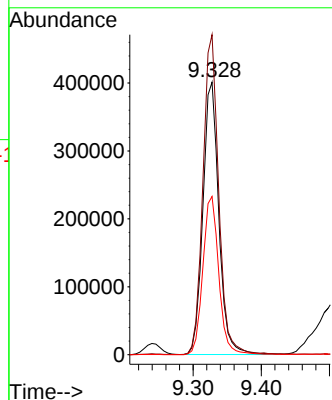
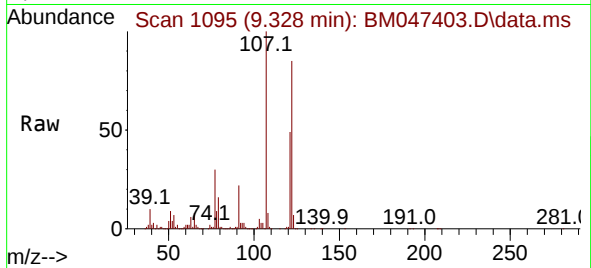




#27
2,4-Dimethylphenol
Concen: 62.966 ng
RT: 9.328 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

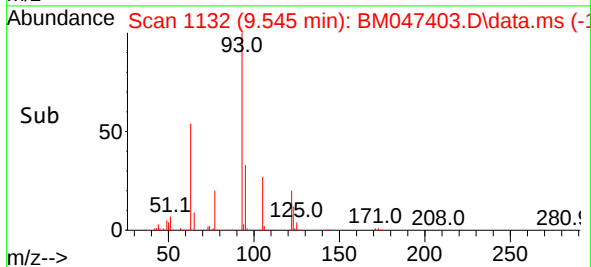
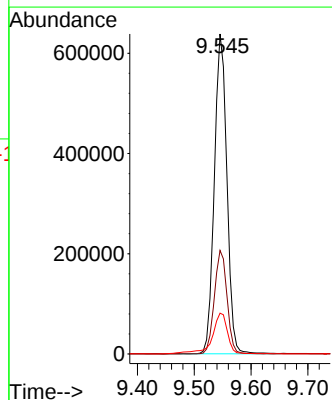
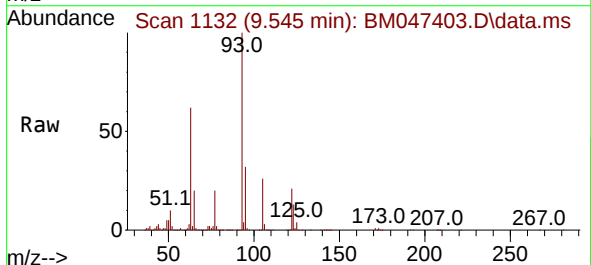
Instrument :
BNA_M
ClientSampleId :
PB163081BS

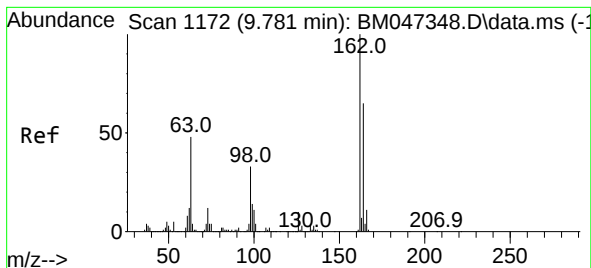
Tgt Ion:122 Resp: 649979
Ion Ratio Lower Upper
122 100
107 117.5 91.9 137.9
121 58.1 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.733 ng
RT: 9.545 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion: 93 Resp: 977757
Ion Ratio Lower Upper
93 100
95 32.4 26.6 39.8
123 12.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 53.933 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

PB163081BS

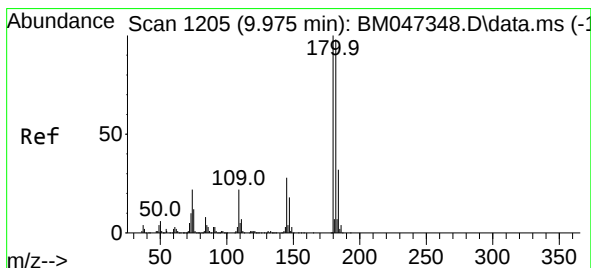
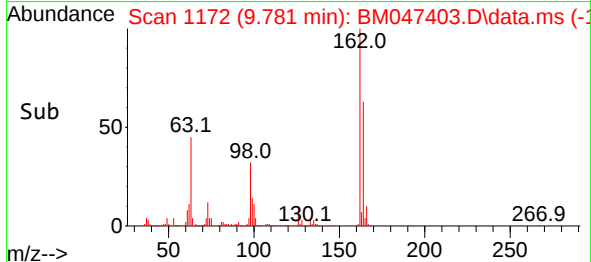
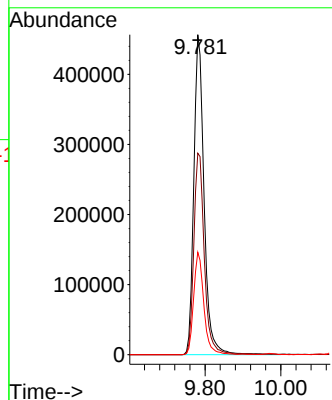
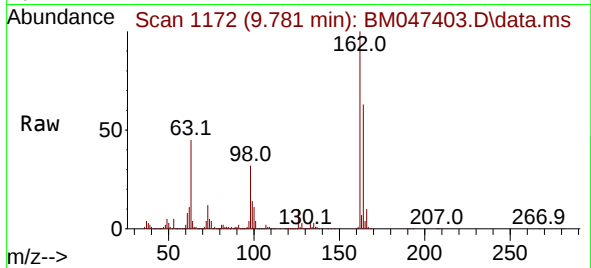
Tgt Ion:162 Resp: 863638

Ion Ratio Lower Upper

162 100

164 62.9 44.6 84.6

98 32.0 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 46.145 ng

RT: 9.975 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

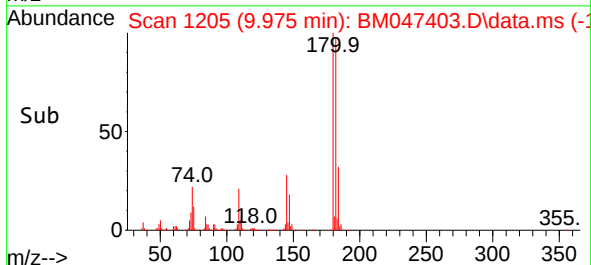
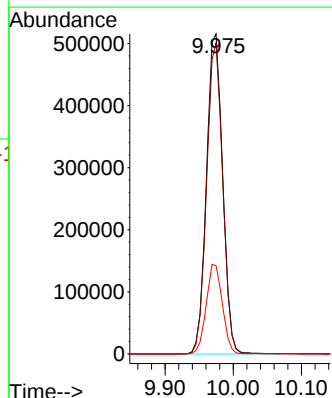
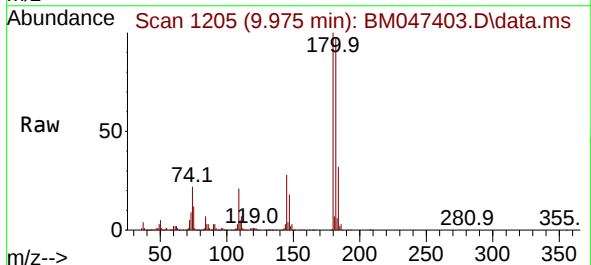
Tgt Ion:180 Resp: 853494

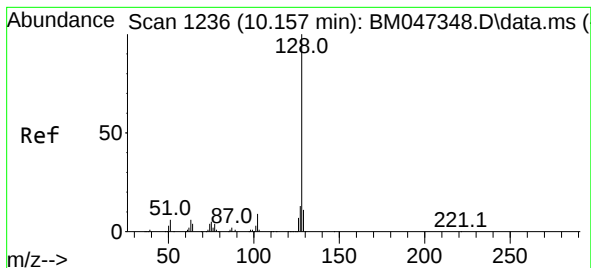
Ion Ratio Lower Upper

180 100

182 97.1 78.2 117.2

145 27.6 22.3 33.5

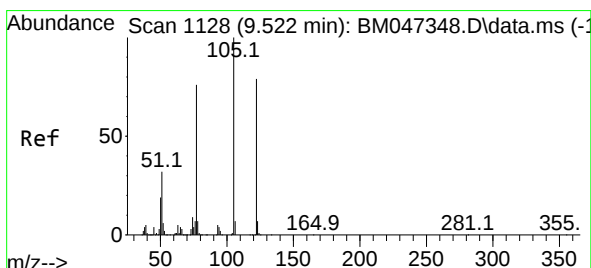
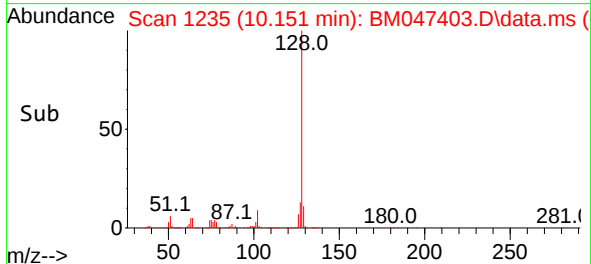
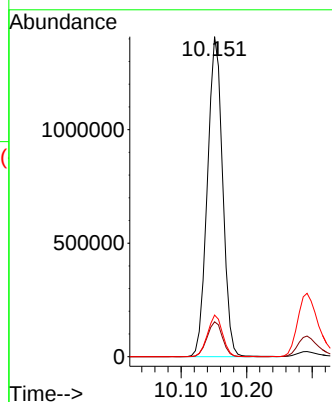
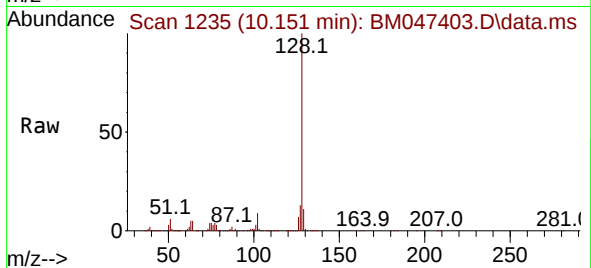




#31
Naphthalene
Concen: 46.426 ng
RT: 10.151 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

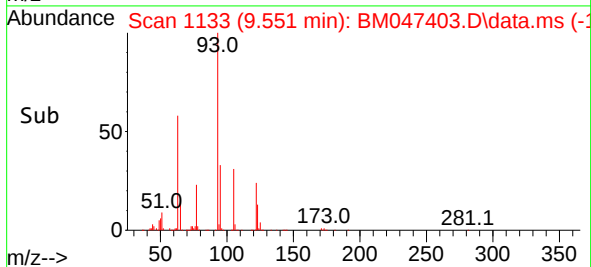
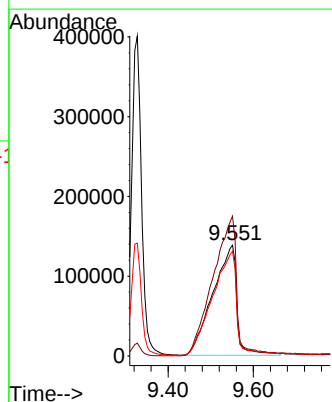
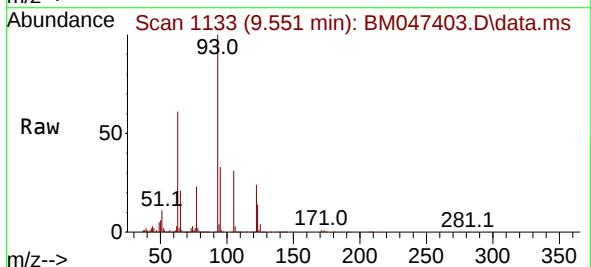
Instrument :
BNA_M
ClientSampleId :
PB163081BS

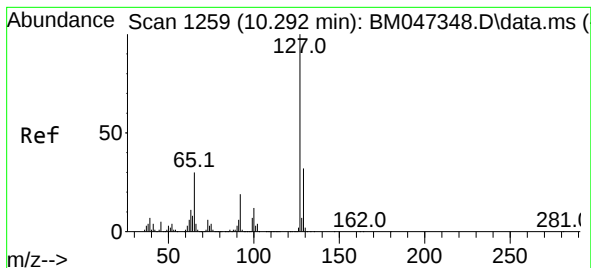
Tgt Ion:128 Resp: 2274447
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 43.883 ng
RT: 9.551 min Scan# 1133
Delta R.T. 0.029 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:122 Resp: 540917
Ion Ratio Lower Upper
122 100
105 126.3 106.0 146.0
77 94.7 76.3 116.3

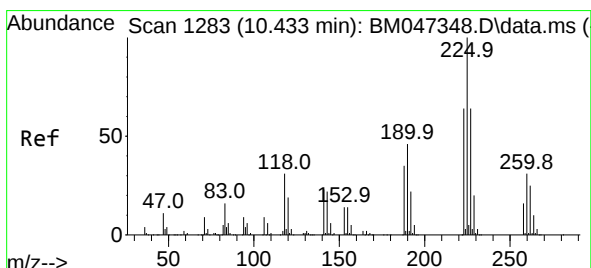
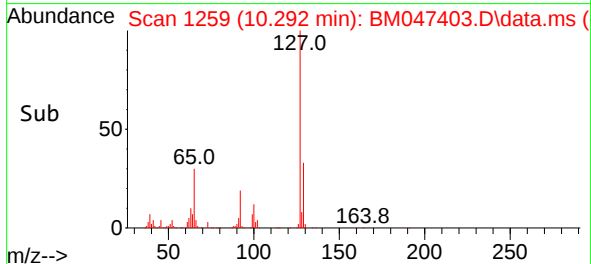
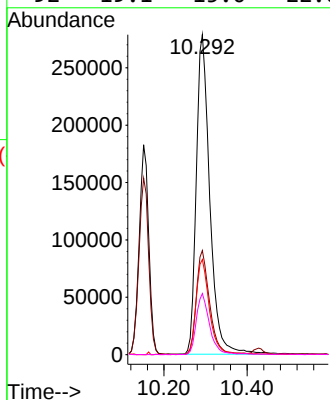
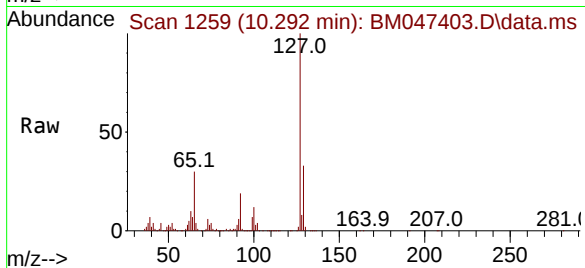




#33
4-Chloroaniline
Concen: 34.667 ng
RT: 10.292 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

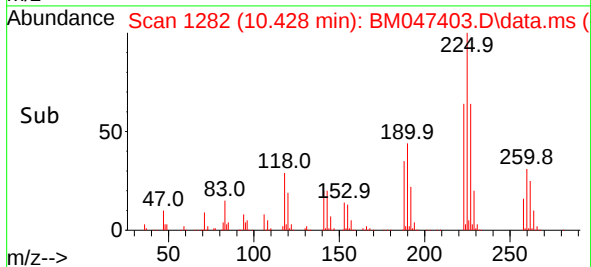
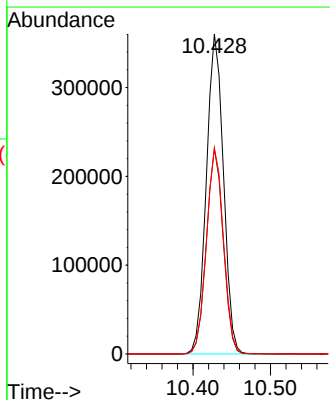
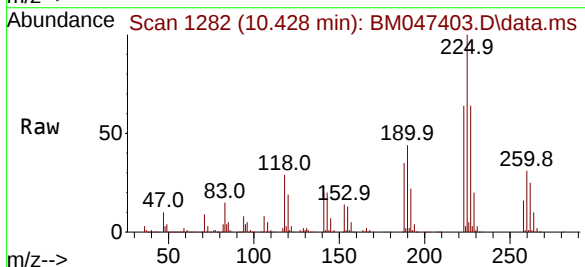
Instrument :
BNA_M
ClientSampleId :
PB163081BS

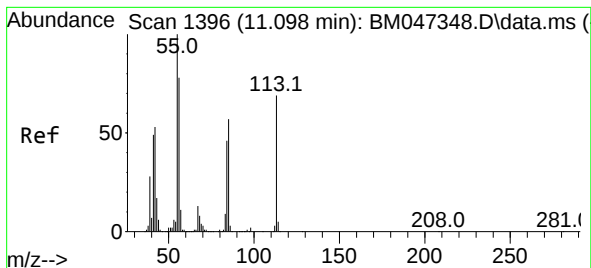
Tgt Ion:	127	Resp:	631488
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	29.8	24.2	36.2
92	19.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 47.731 ng
RT: 10.428 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:	225	Resp:	551342
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.1	76.7
227	64.4	51.0	76.6

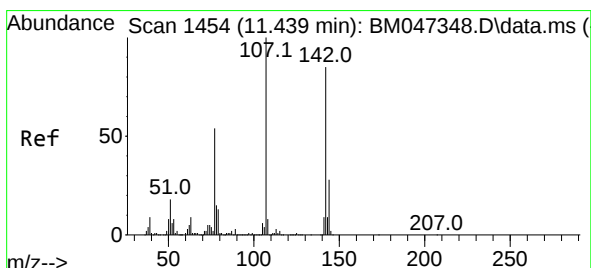
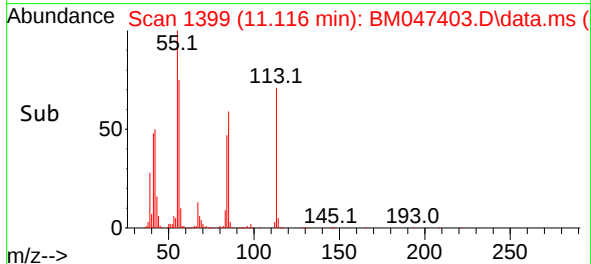
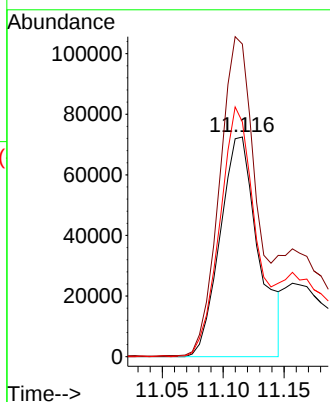
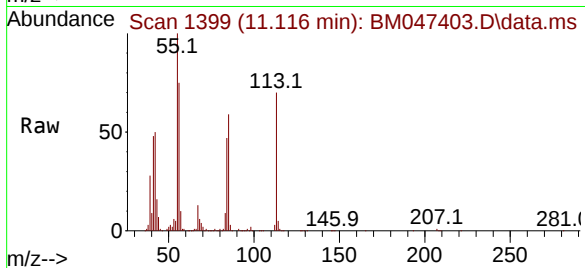




#35
 Caprolactam
 Concen: 30.580 ng
 RT: 11.116 min Scan# 1116
 Delta R.T. 0.018 min
 Lab File: BM047403.D
 Acq: 30 Aug 2024 12:47

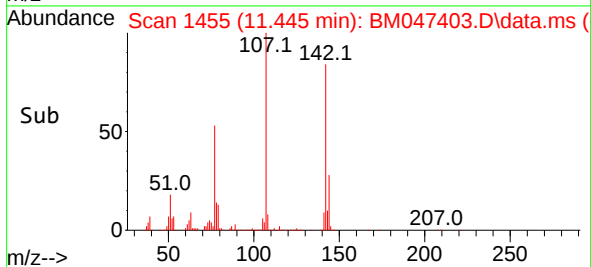
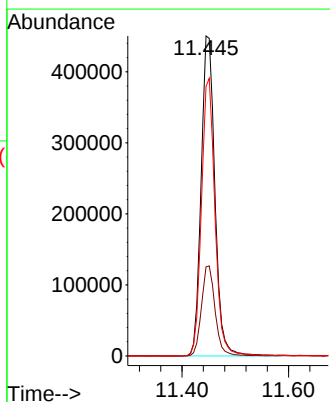
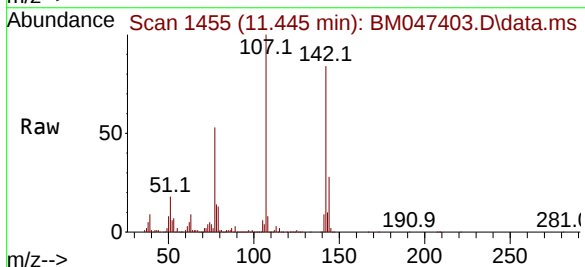
Instrument :
 BNA_M
 ClientSampleId :
 PB163081BS

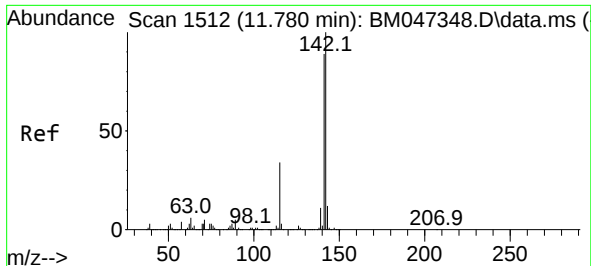
Tgt Ion:113 Resp: 158628
 Ion Ratio Lower Upper
 113 100
 55 142.3 126.2 166.2
 56 106.8 93.2 133.2



#36
 4-Chloro-3-methylphenol
 Concen: 49.705 ng
 RT: 11.445 min Scan# 1455
 Delta R.T. 0.006 min
 Lab File: BM047403.D
 Acq: 30 Aug 2024 12:47

Tgt Ion:107 Resp: 808279
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.2 33.4
 142 84.2 67.7 101.5

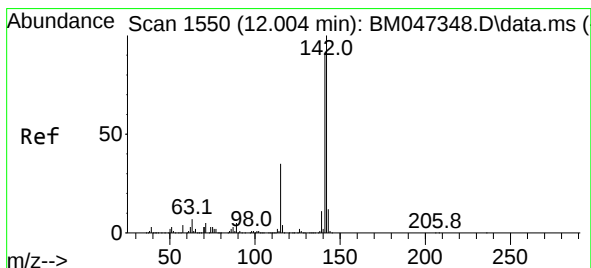
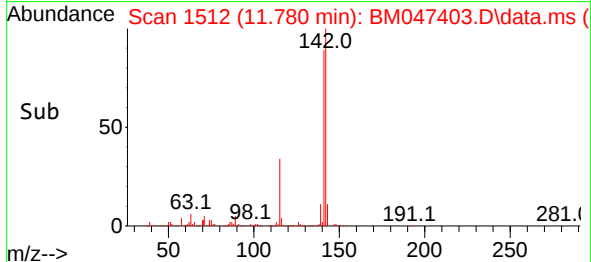
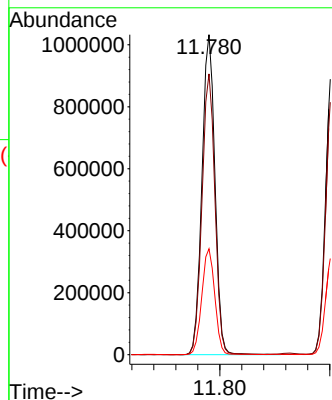
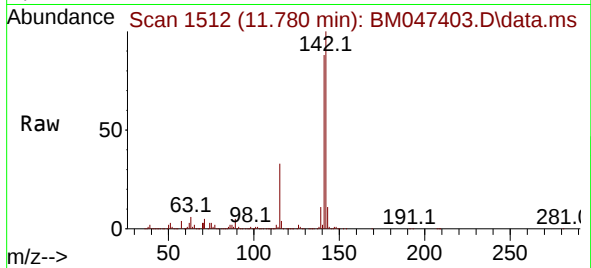




#37
2-Methylnaphthalene
Concen: 47.371 ng
RT: 11.780 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

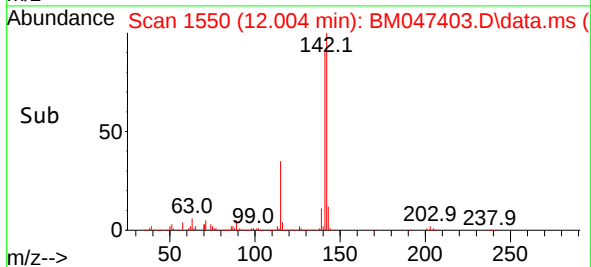
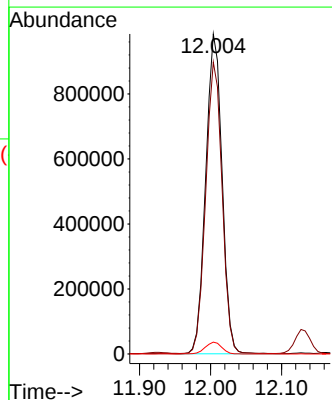
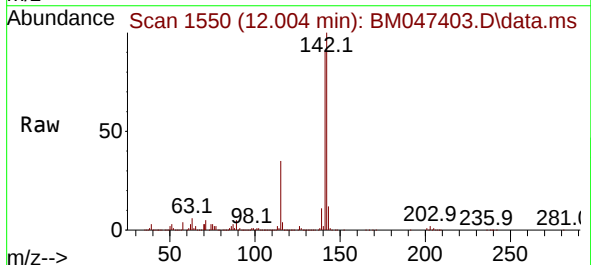
Instrument :
BNA_M
ClientSampleId :
PB163081BS

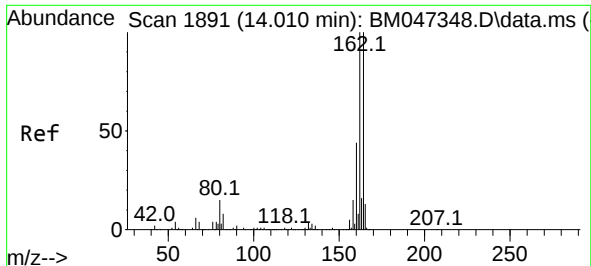
Tgt Ion:142 Resp: 1692115
Ion Ratio Lower Upper
142 100
141 87.8 70.8 106.2
115 33.1 27.5 41.3



#38
1-Methylnaphthalene
Concen: 44.661 ng
RT: 12.004 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:142 Resp: 1577794
Ion Ratio Lower Upper
142 100
141 91.2 72.9 109.3
116 3.7 3.0 4.6

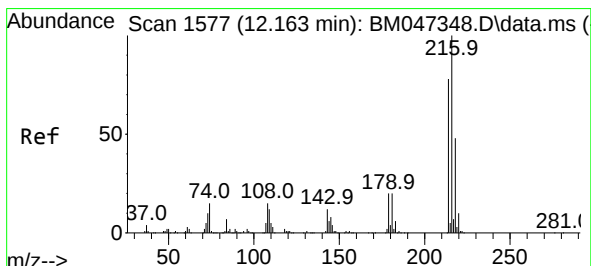
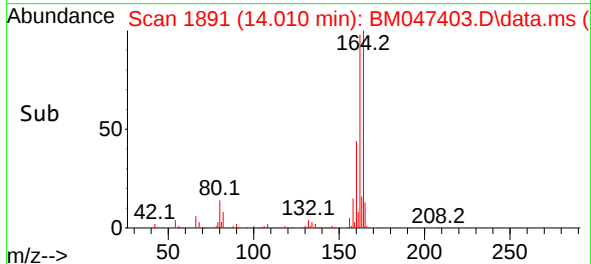
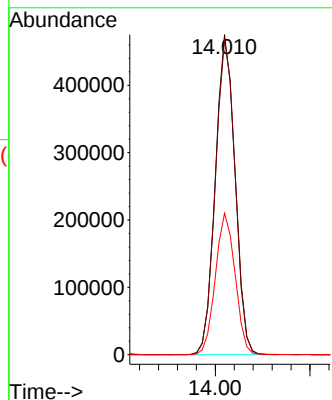
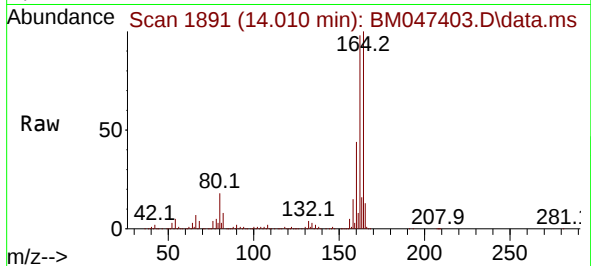




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

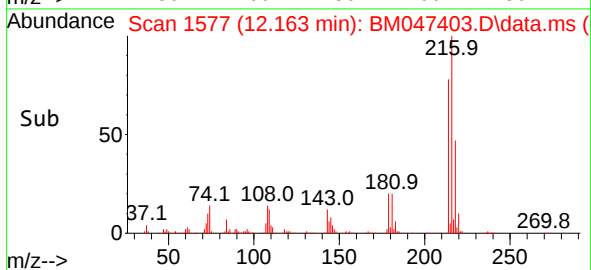
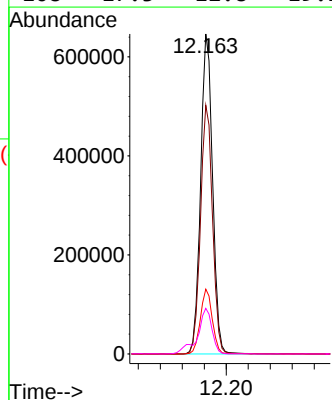
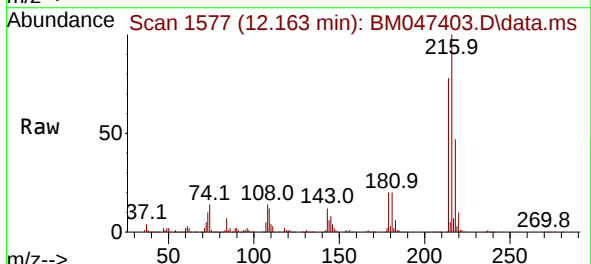
Instrument :
BNA_M
ClientSampleId :
PB163081BS

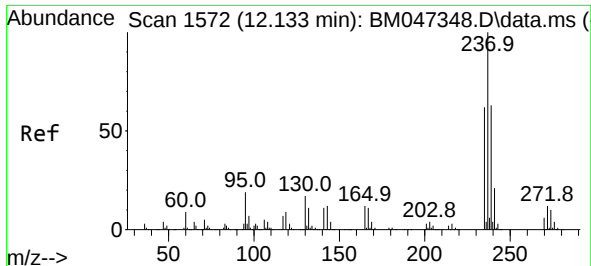
Tgt Ion:164 Resp: 683549
Ion Ratio Lower Upper
164 100
162 98.5 79.7 119.5
160 44.2 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.230 ng
RT: 12.163 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:216 Resp: 976239
Ion Ratio Lower Upper
216 100
214 78.5 62.6 94.0
179 20.3 16.6 24.8
108 17.3 12.8 19.2

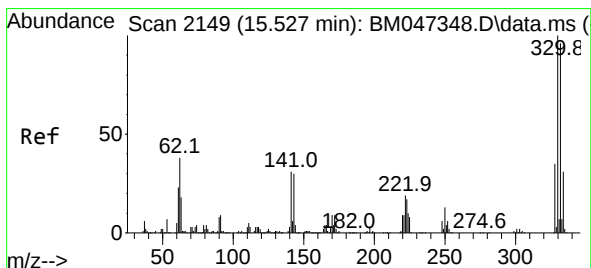
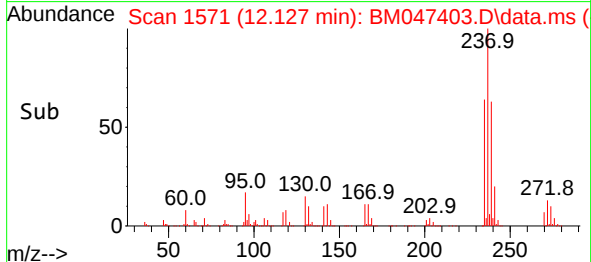
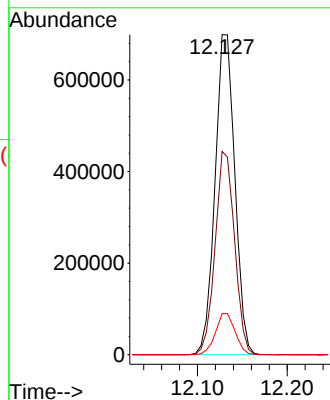
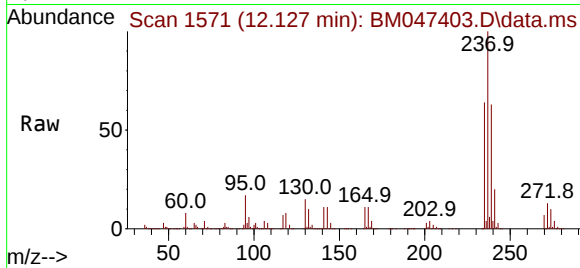




#41
Hexachlorocyclopentadiene
Concen: 167.991 ng
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

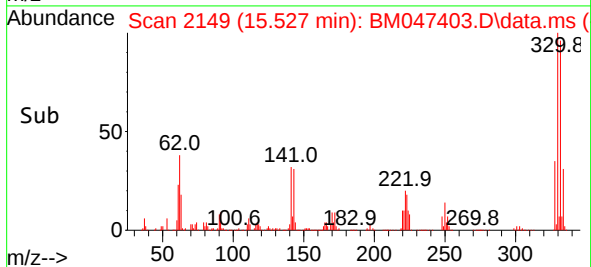
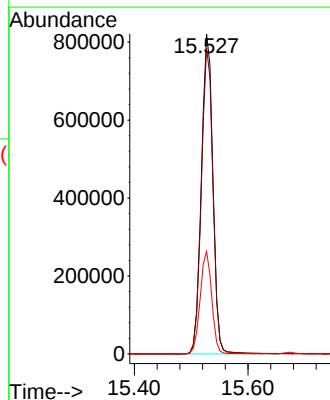
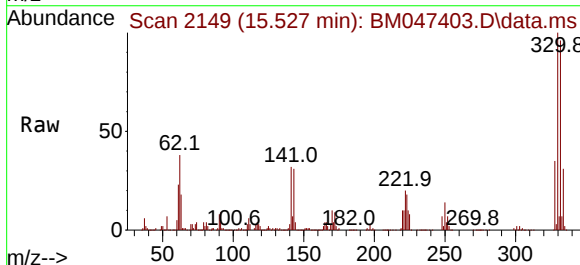
Instrument :
BNA_M
ClientSampleId :
PB163081BS

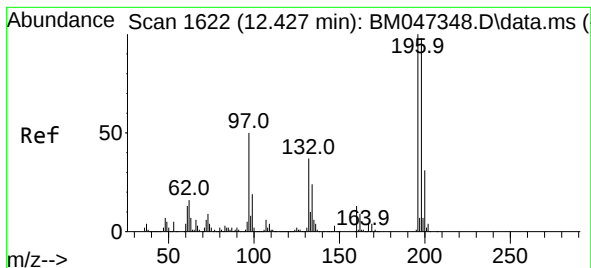
Tgt Ion:237 Resp: 1073166
Ion Ratio Lower Upper
237 100
235 63.5 42.1 82.1
272 12.8 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 140.397 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:330 Resp: 1157840
Ion Ratio Lower Upper
330 100
332 96.4 77.2 115.8
141 32.2 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 51.578 ng

RT: 12.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

PB163081BS

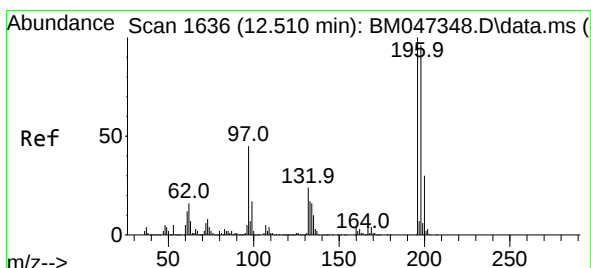
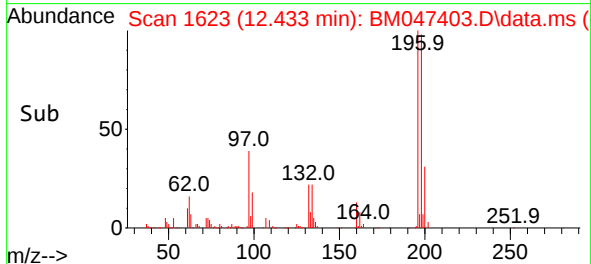
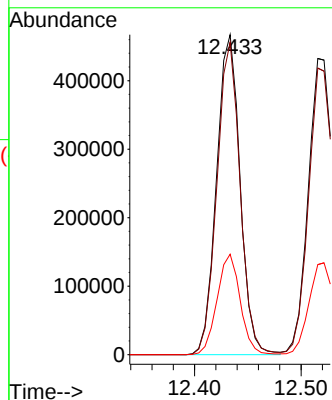
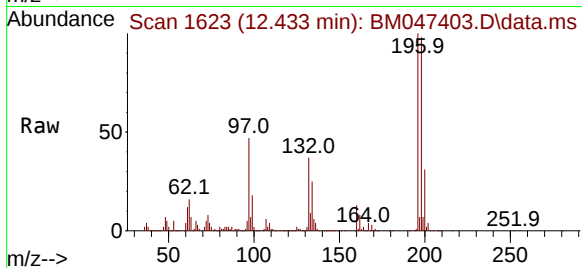
Tgt Ion:196 Resp: 715681

Ion Ratio Lower Upper

196 100

198 97.6 78.2 117.2

200 31.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 49.713 ng

RT: 12.516 min Scan# 1637

Delta R.T. 0.006 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Tgt Ion:196 Resp: 766068

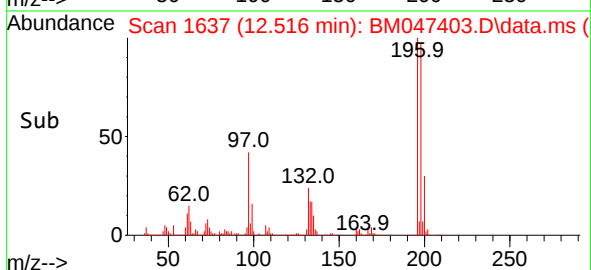
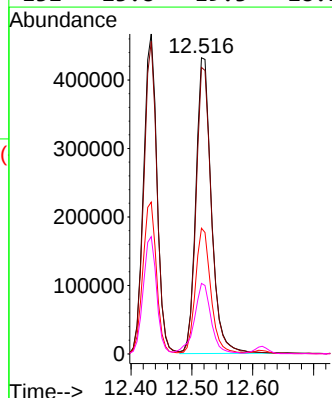
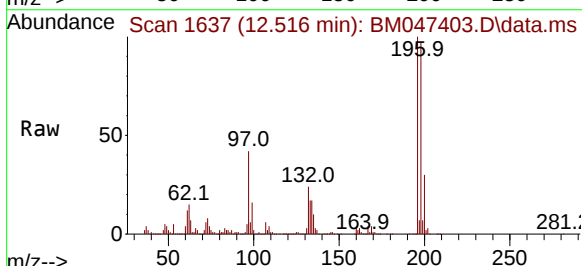
Ion Ratio Lower Upper

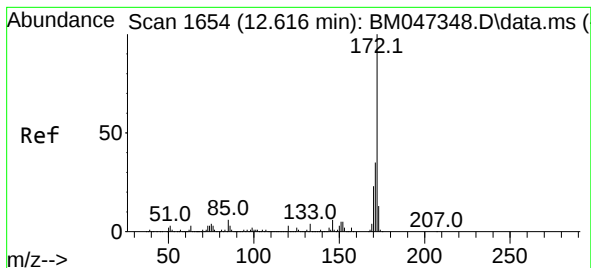
196 100

198 96.8 76.6 115.0

97 42.5 35.9 53.9

132 23.8 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 90.429 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

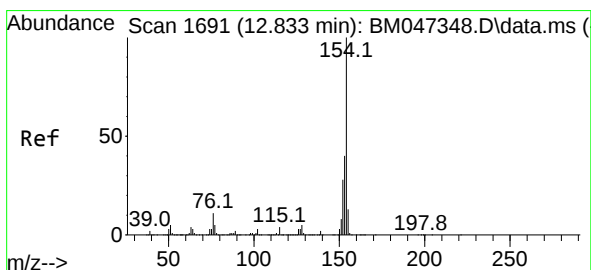
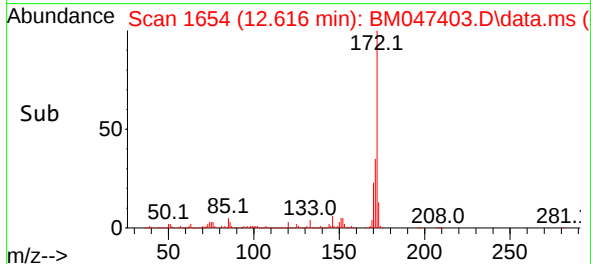
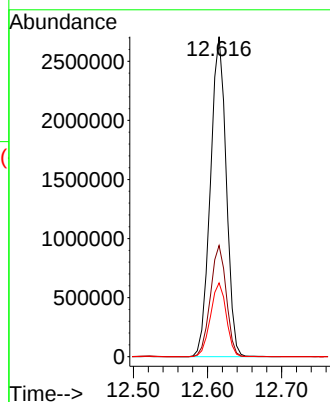
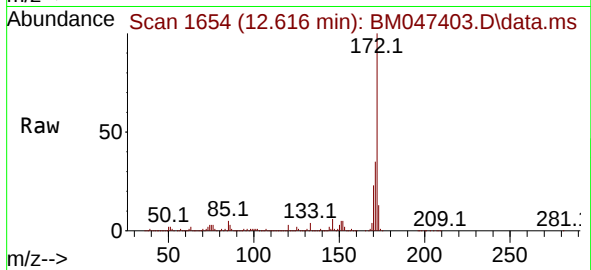
BNA_M

ClientSampleId :

PB163081BS

Tgt Ion:172 Resp: 4022958

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.0	18.5	27.7



#46

1,1'-Biphenyl

Concen: 46.090 ng

RT: 12.827 min Scan# 1690

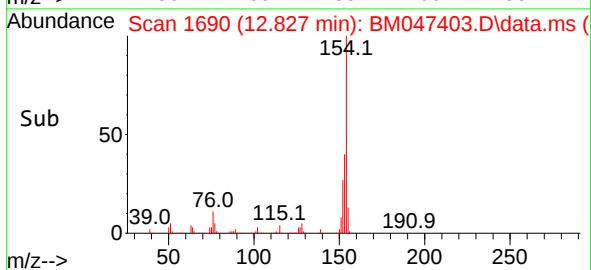
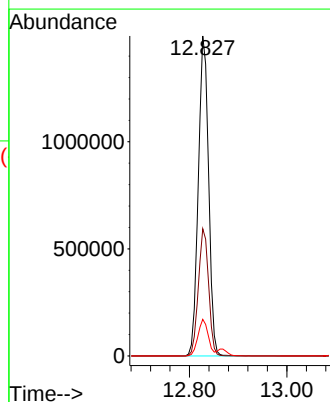
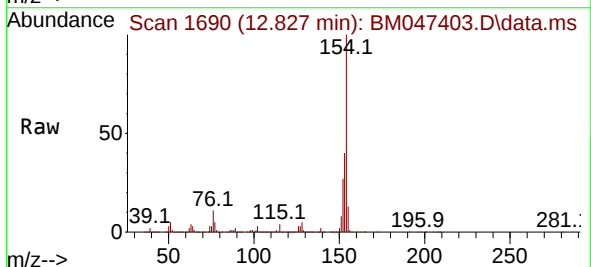
Delta R.T. -0.006 min

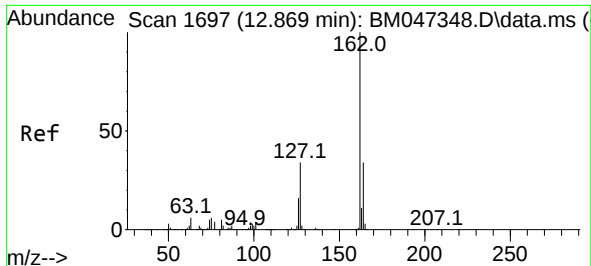
Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Tgt Ion:154 Resp: 2199829

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.1	60.1
76	11.4	0.0	31.2





#47

2-Chloronaphthalene

Concen: 45.640 ng

RT: 12.869 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

PB163081BS

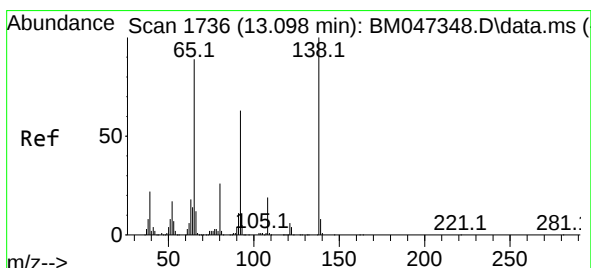
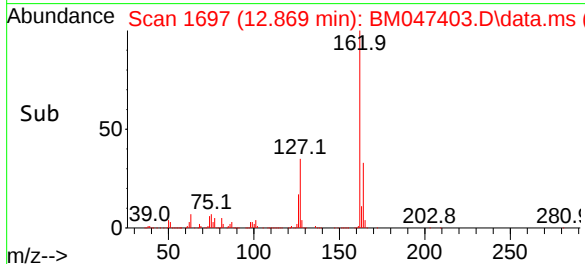
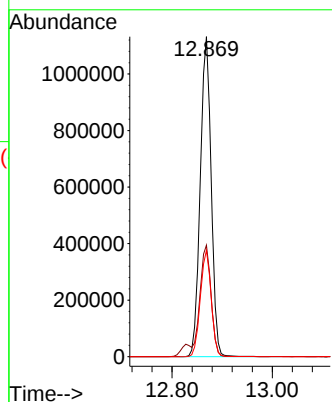
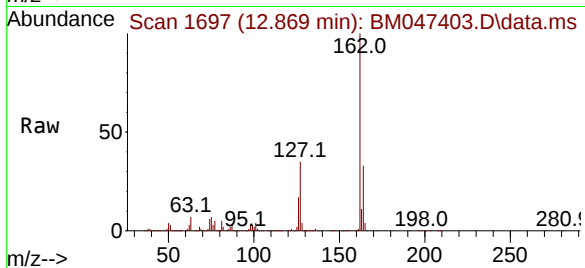
Tgt Ion:162 Resp: 1707078

Ion Ratio Lower Upper

162 100

127 34.8 28.3 42.5

164 33.2 27.0 40.4



#48

2-Nitroaniline

Concen: 49.606 ng

RT: 13.104 min Scan# 1737

Delta R.T. 0.006 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

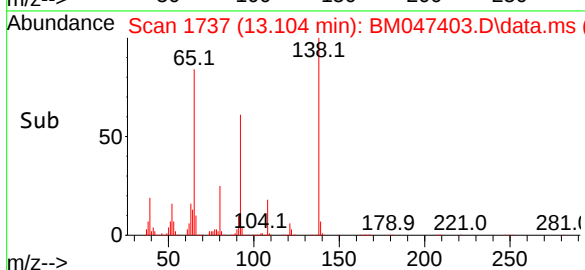
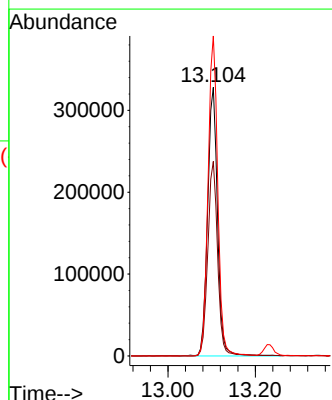
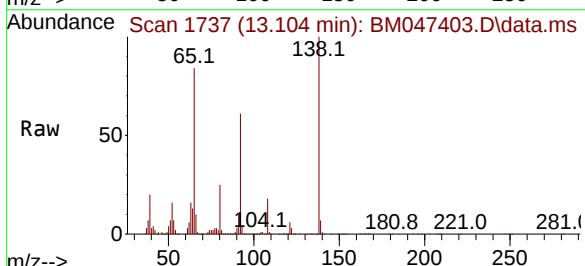
Tgt Ion: 65 Resp: 519728

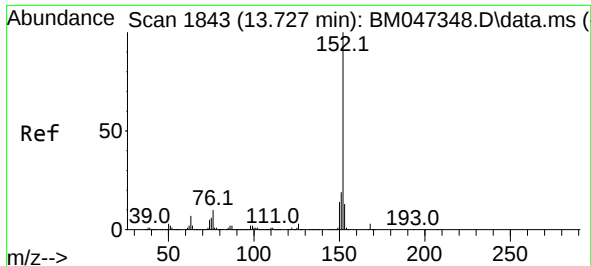
Ion Ratio Lower Upper

65 100

92 72.4 57.0 85.6

138 119.1 90.0 135.0

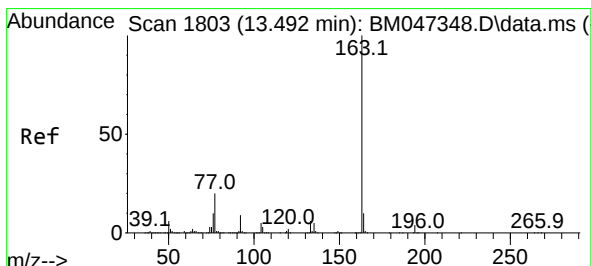
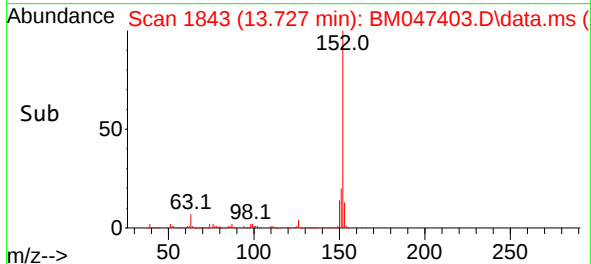
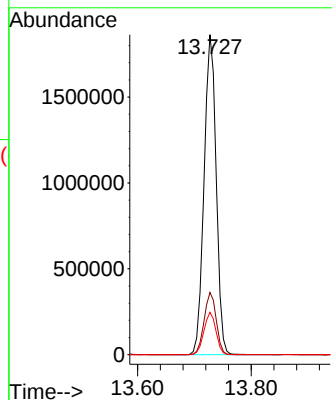
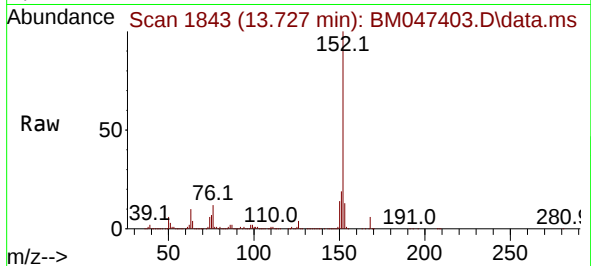




#49
Acenaphthylene
Concen: 50.566 ng
RT: 13.727 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

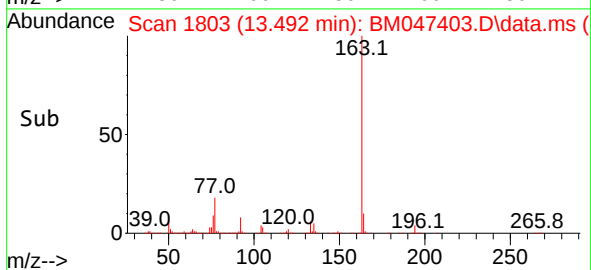
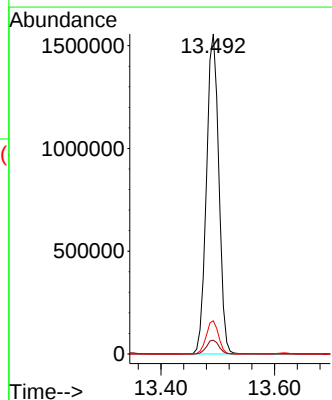
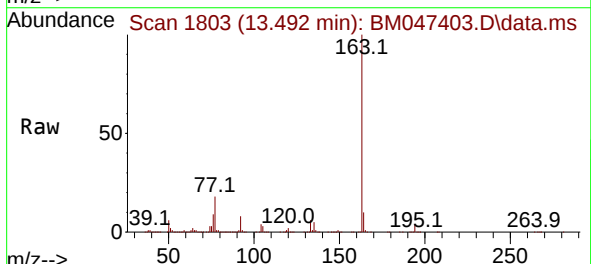
Instrument :
BNA_M
ClientSampleId :
PB163081BS

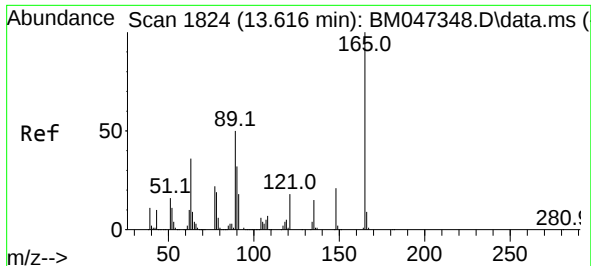
Tgt Ion:152 Resp: 2748828
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.0
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 49.614 ng
RT: 13.492 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:163 Resp: 2336800
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.4 8.2 12.4

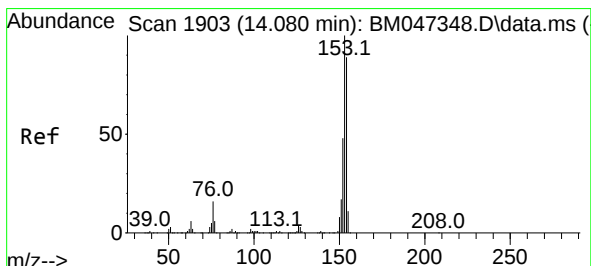
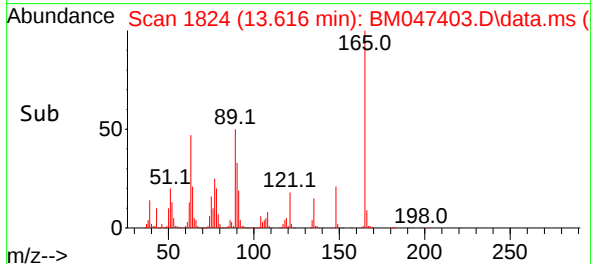
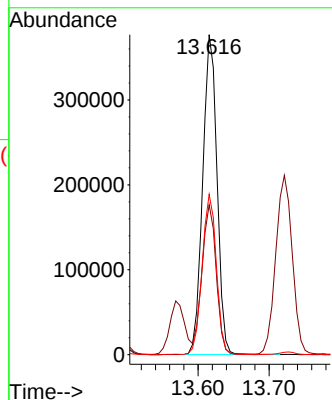
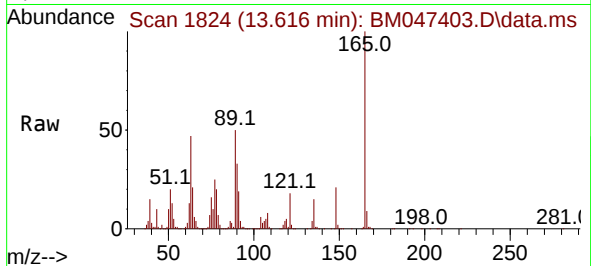




#51
2,6-Dinitrotoluene
Concen: 48.135 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

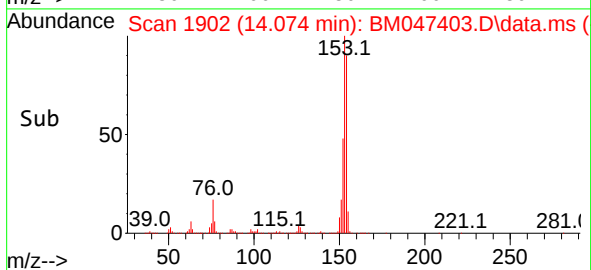
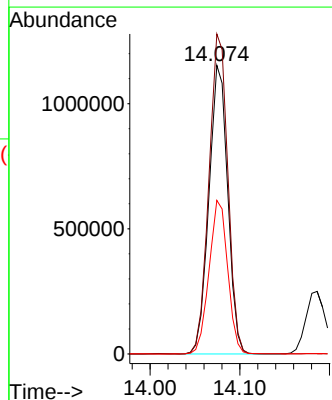
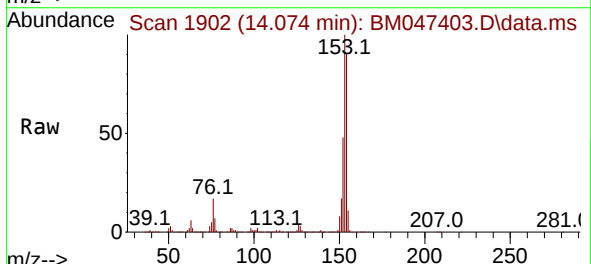
Instrument :
BNA_M
ClientSampleId :
PB163081BS

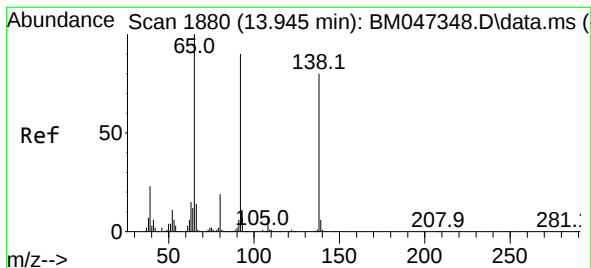
Tgt Ion:165 Resp: 527857
Ion Ratio Lower Upper
165 100
63 46.9 38.2 57.4
89 50.1 40.4 60.6



#52
Acenaphthene
Concen: 48.559 ng
RT: 14.074 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:154 Resp: 1675743
Ion Ratio Lower Upper
154 100
153 110.9 89.5 134.3
152 53.2 43.0 64.4

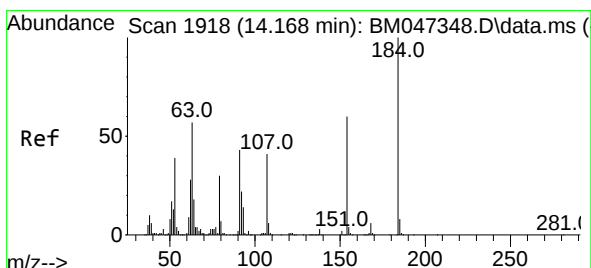
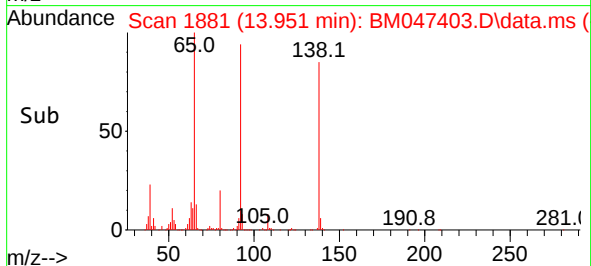
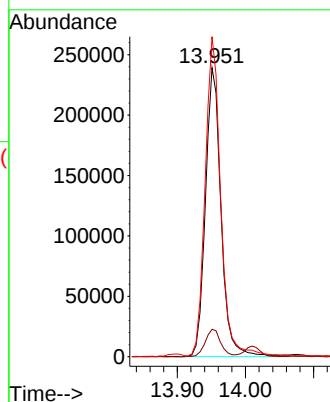
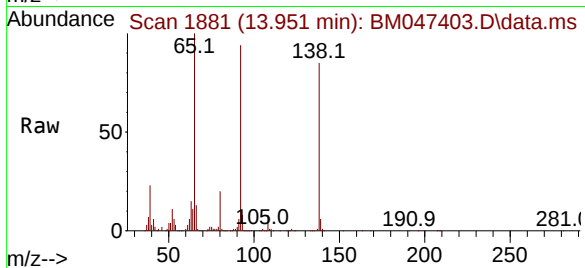




#53
3-Nitroaniline
Concen: 37.558 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

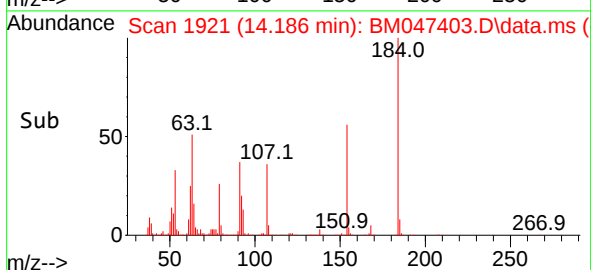
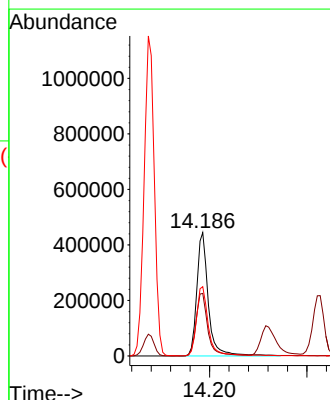
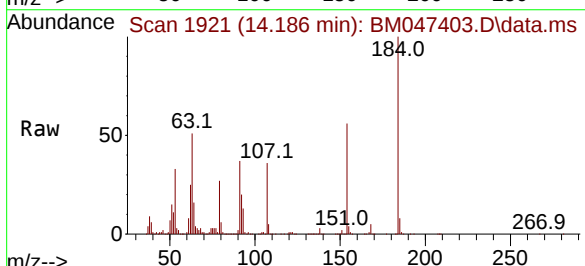
Instrument :
BNA_M
ClientSampleId :
PB163081BS

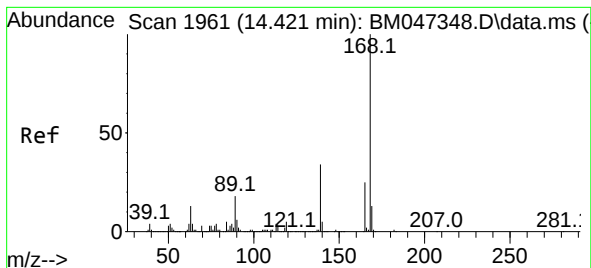
Tgt Ion:138 Resp: 380050
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 110.7 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 109.075 ng
RT: 14.186 min Scan# 1921
Delta R.T. 0.018 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:184 Resp: 736618
Ion Ratio Lower Upper
184 100
63 50.7 45.7 68.5
154 56.1 48.5 72.7





#55

Dibenzofuran

Concen: 48.145 ng

RT: 14.421 min Scan# 1961

Delta R.T. 0.000 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

PB163081BS

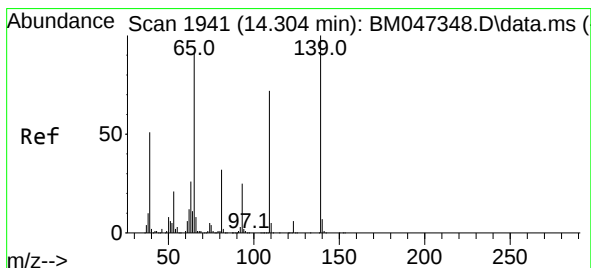
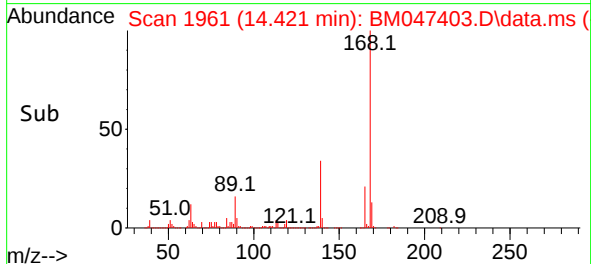
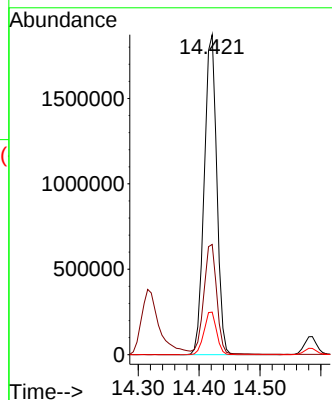
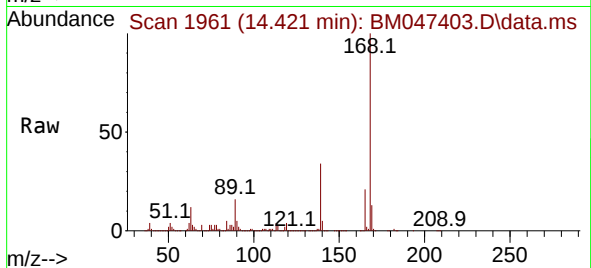
Tgt Ion:168 Resp: 2676127

Ion Ratio Lower Upper

168 100

139 34.5 27.5 41.3

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 98.955 ng

RT: 14.316 min Scan# 1943

Delta R.T. 0.012 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

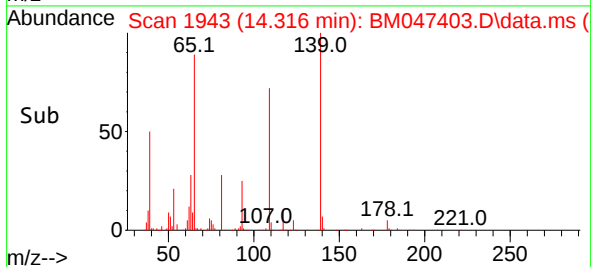
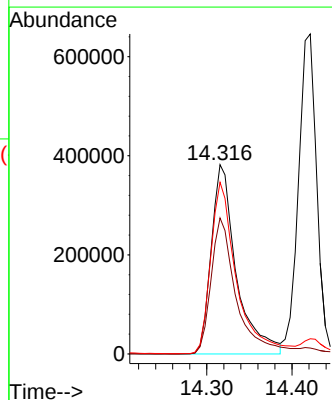
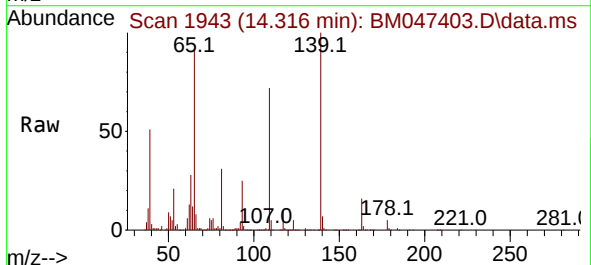
Tgt Ion:139 Resp: 782720

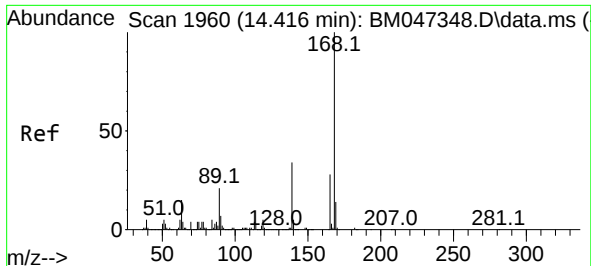
Ion Ratio Lower Upper

139 100

109 71.8 51.6 91.6

65 90.7 71.7 111.7





#57

2,4-Dinitrotoluene

Concen: 48.424 ng

RT: 14.427 min Scan# 1960

Delta R.T. 0.012 min

Lab File: BM047403.D

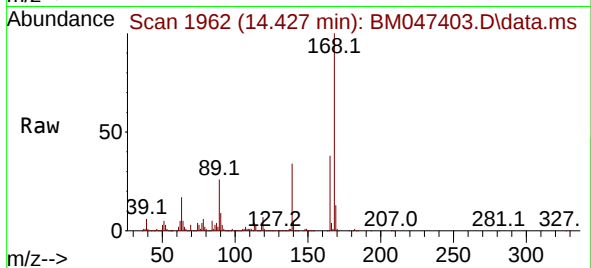
Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

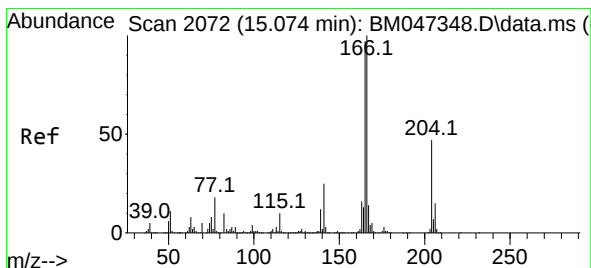
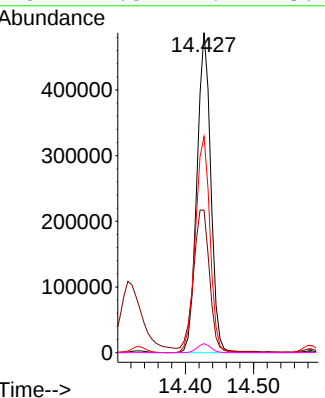
ClientSampleId :

PB163081BS



Tgt Ion:165 Resp: 687414

Ion	Ratio	Lower	Upper
165	100		
63	44.6	42.2	63.4
89	67.6	59.3	88.9
182	2.8	2.1	3.1



#58

Fluorene

Concen: 47.232 ng

RT: 15.074 min Scan# 2072

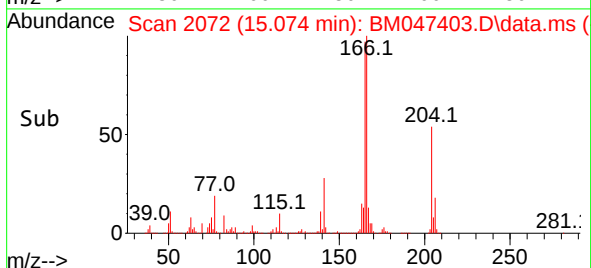
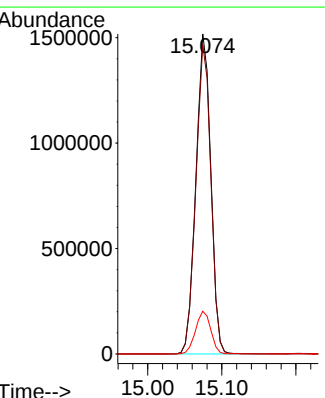
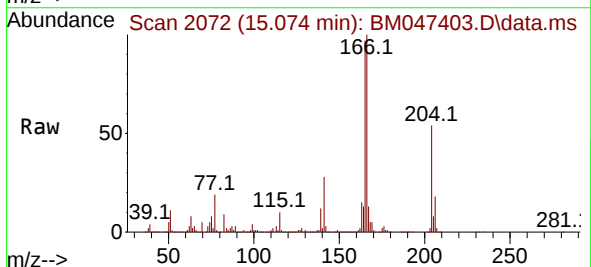
Delta R.T. 0.000 min

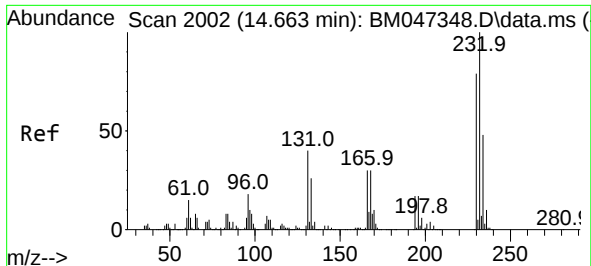
Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Tgt Ion:166 Resp: 2124759

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.8	116.6
167	13.3	11.1	16.7

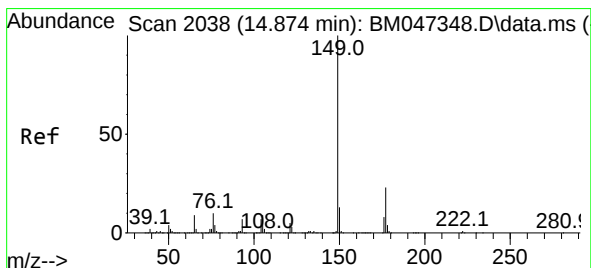
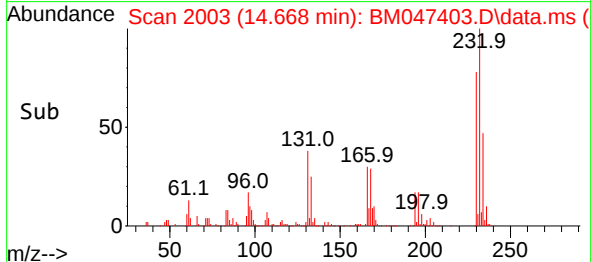
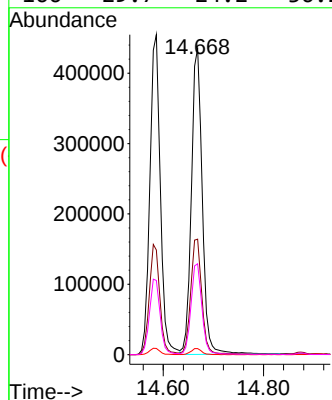
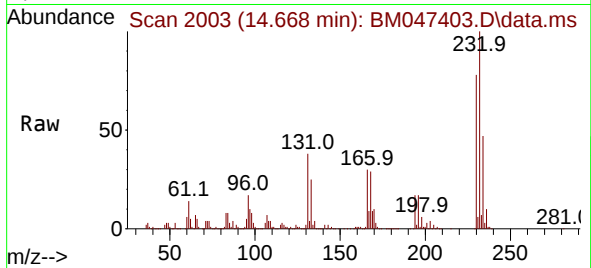




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.889 ng
RT: 14.668 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

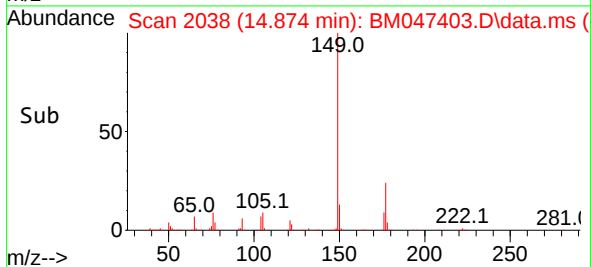
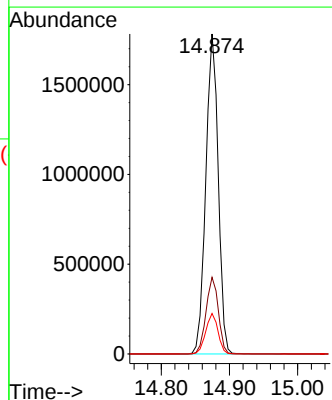
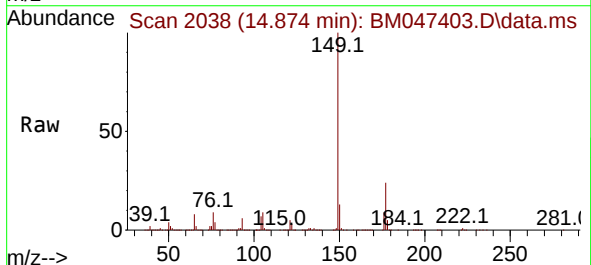
Instrument :
BNA_M
ClientSampleId :
PB163081BS

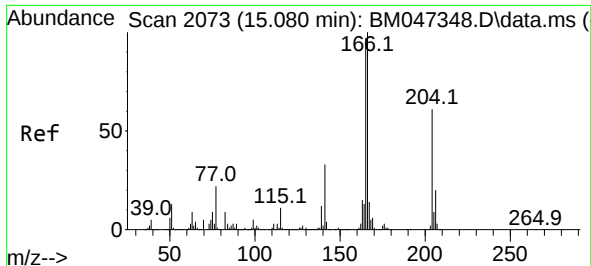
Tgt Ion:232 Resp: 656767
Ion Ratio Lower Upper
232 100
131 38.3 31.7 47.5
130 2.0 1.7 2.5
166 29.7 24.2 36.2



#60
Diethylphthalate
Concen: 48.560 ng
RT: 14.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:149 Resp: 2256055
Ion Ratio Lower Upper
149 100
177 23.9 18.6 28.0
150 12.7 10.2 15.4

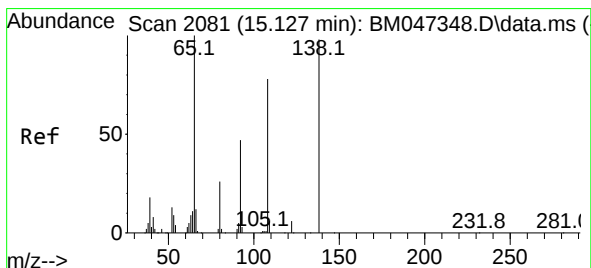
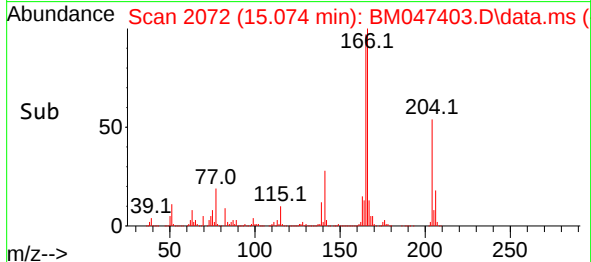
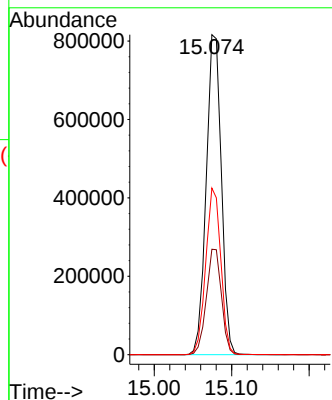
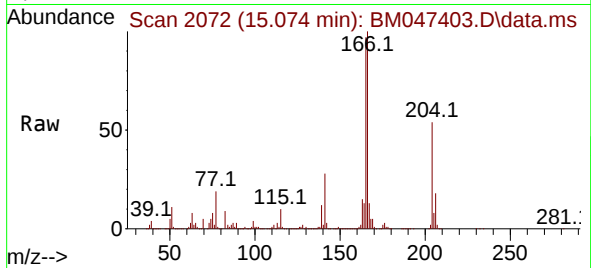




#61
4-Chlorophenyl-phenylether
Concen: 48.315 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

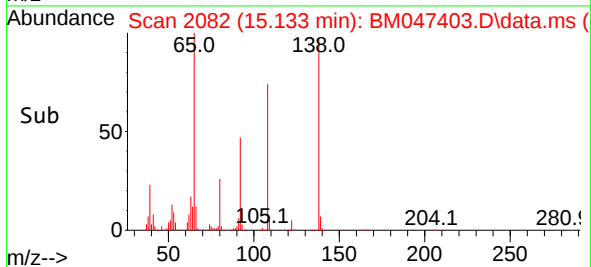
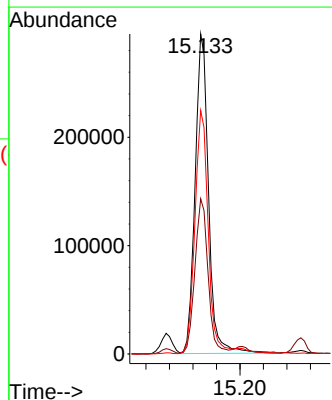
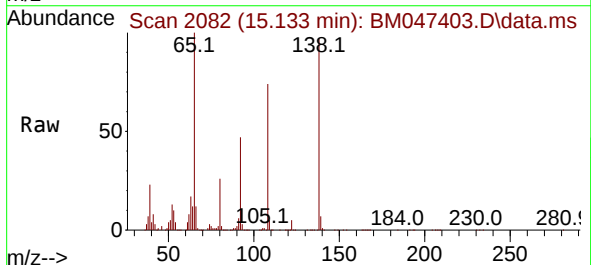
Instrument :
BNA_M
ClientSampleId :
PB163081BS

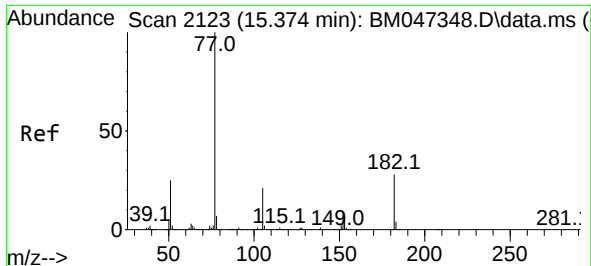
Tgt Ion:204 Resp: 1105658
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 52.0 42.8 64.2



#62
4-Nitroaniline
Concen: 49.975 ng
RT: 15.133 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:138 Resp: 467804
Ion Ratio Lower Upper
138 100
92 48.5 27.9 67.9
108 76.1 58.7 98.7



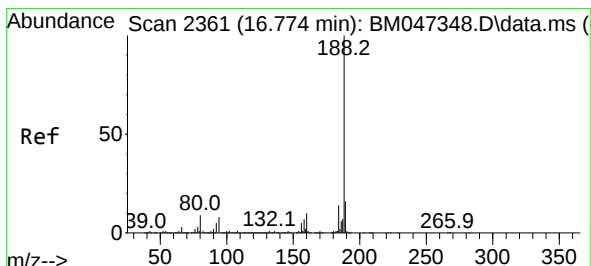
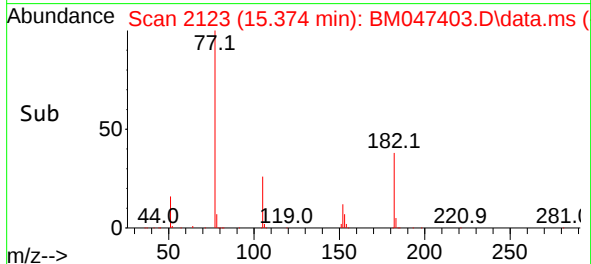
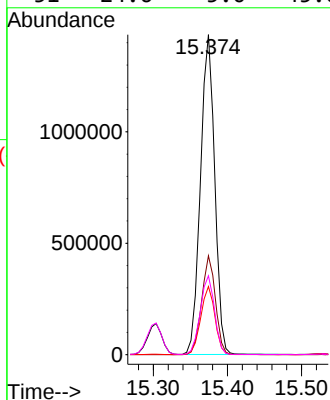
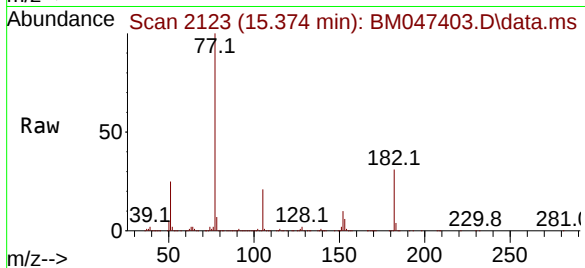


#63
Azobenzene
Concen: 47.404 ng
RT: 15.374 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Instrument :
BNA_M
ClientSampleId :
PB163081BS

Tgt Ion: 77 Resp: 1917845

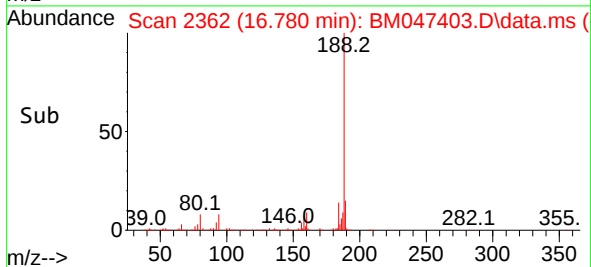
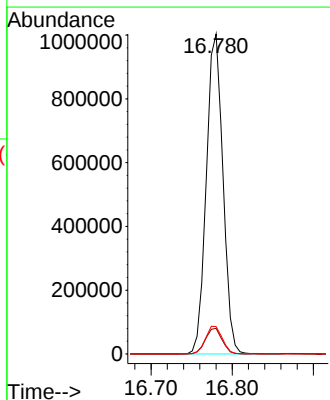
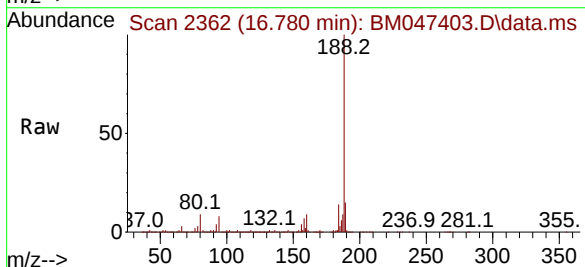
Ion	Ratio	Lower	Upper
77	100		
182	30.9	7.9	47.9
105	21.3	0.6	40.6
51	24.6	5.0	45.0

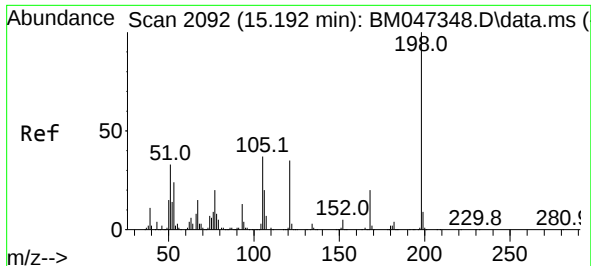


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2362
Delta R.T. 0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion: 188 Resp: 1423519

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	8.5	7.4	11.2

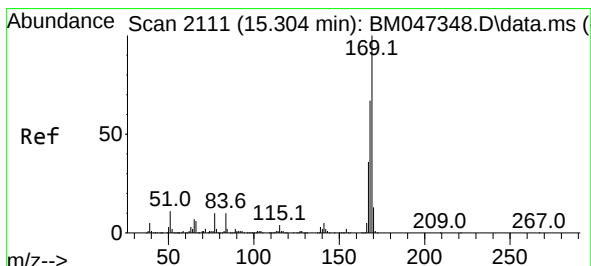
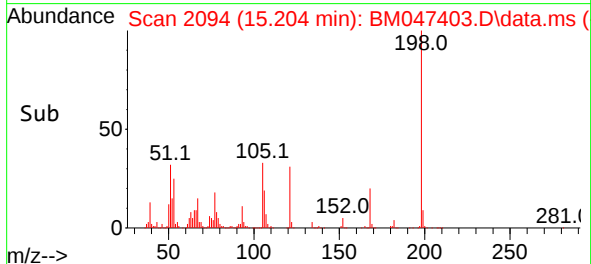
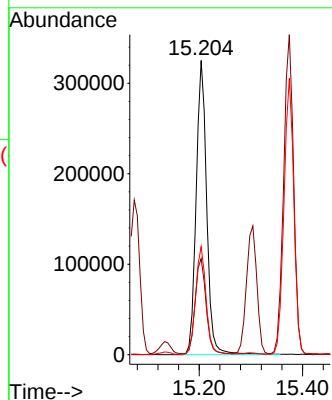
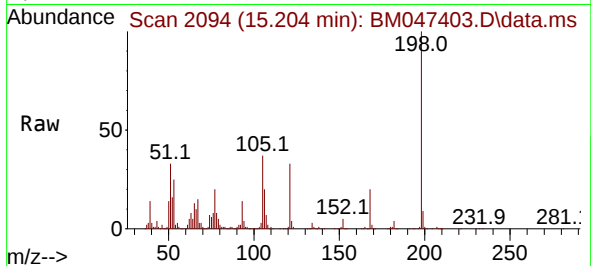




#65
4,6-Dinitro-2-methylphenol
Concen: 52.779 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

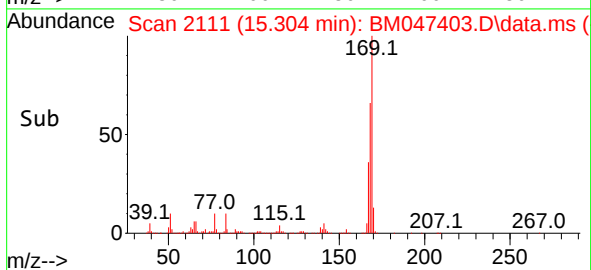
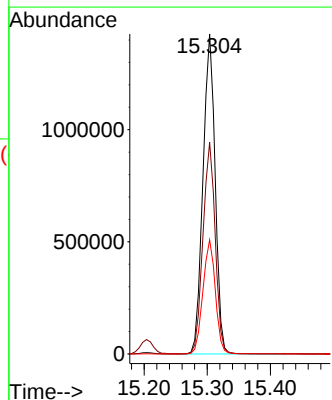
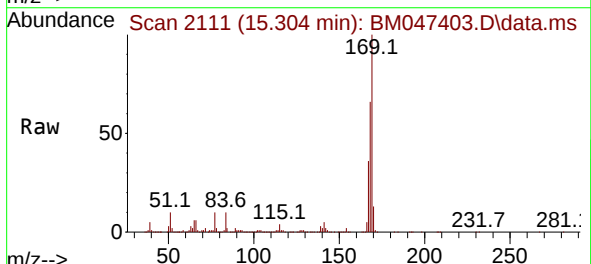
Instrument :
BNA_M
ClientSampleId :
PB163081BS

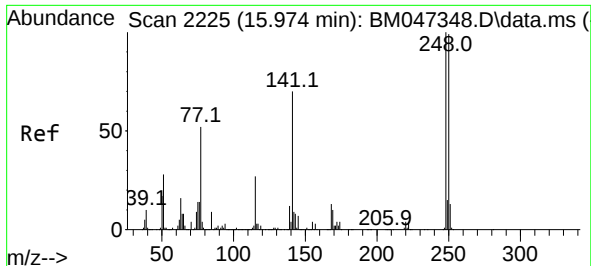
Tgt Ion:198 Resp: 461140
Ion Ratio Lower Upper
198 100
51 32.6 14.1 54.1
105 36.7 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 49.035 ng
RT: 15.304 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:169 Resp: 1909986
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 35.7 29.0 43.4

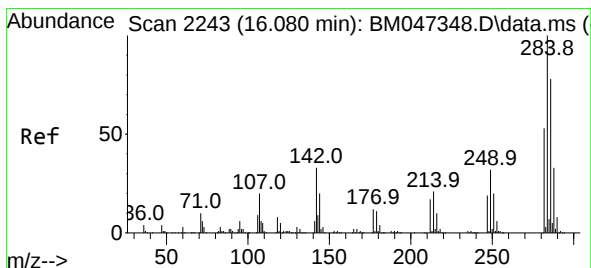
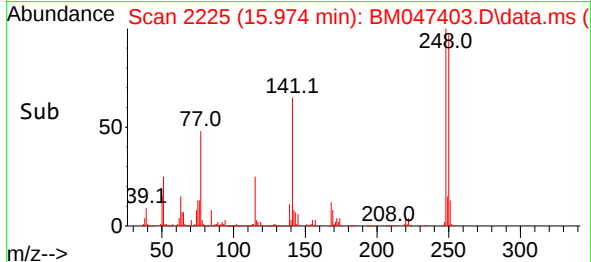
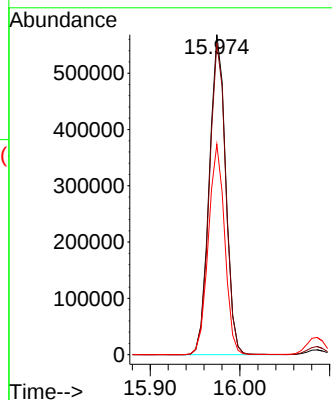
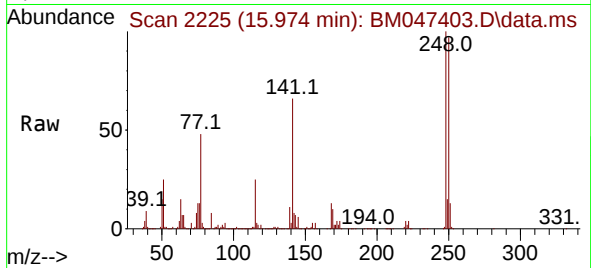




#67
4-Bromophenyl-phenylether
Concen: 48.117 ng
RT: 15.974 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

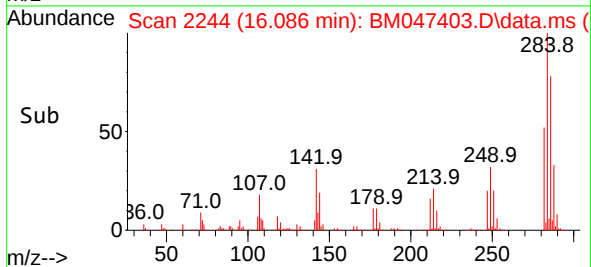
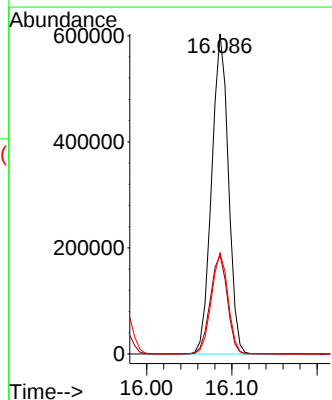
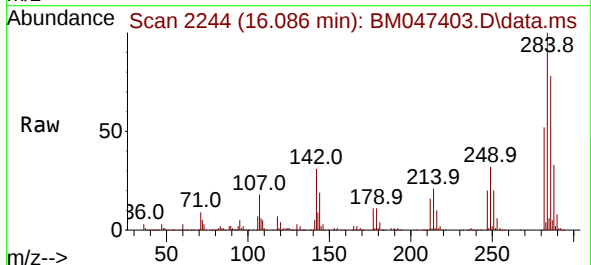
Instrument :
BNA_M
ClientSampleId :
PB163081BS

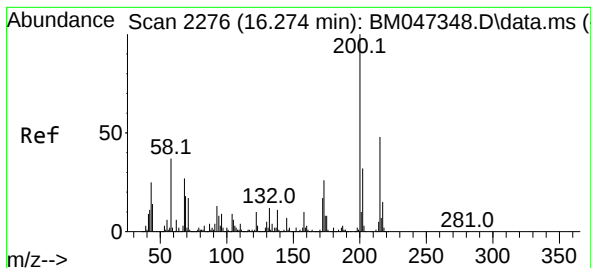
Tgt Ion:248 Resp: 722597
Ion Ratio Lower Upper
248 100
250 97.4 78.8 118.2
141 65.7 55.9 83.9



#68
Hexachlorobenzene
Concen: 47.483 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:284 Resp: 823599
Ion Ratio Lower Upper
284 100
142 30.9 26.5 39.7
249 31.5 25.5 38.3





#69

Atrazine

Concen: 59.081 ng

RT: 16.280 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

PB163081BS

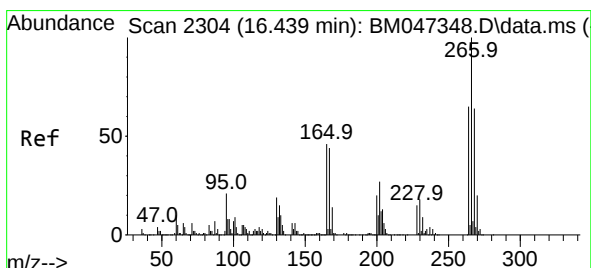
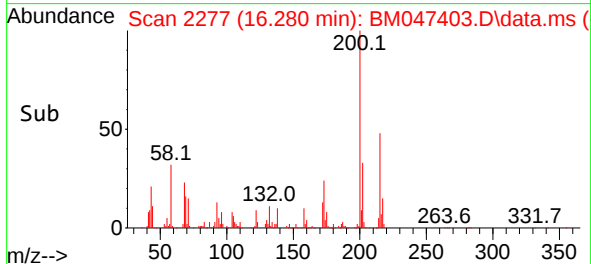
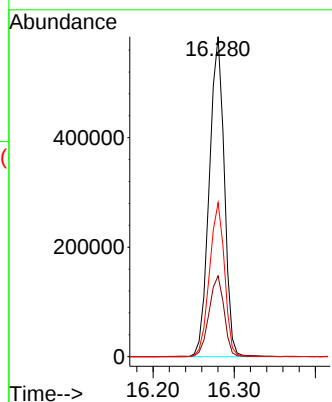
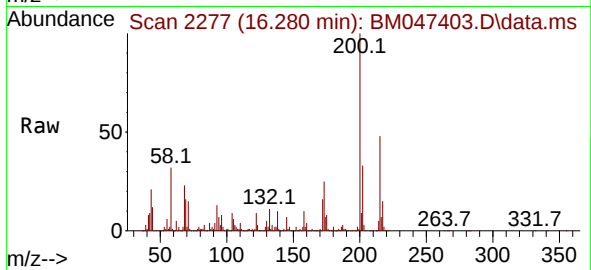
Tgt Ion:200 Resp: 752206

Ion Ratio Lower Upper

200 100

173 25.3 5.8 45.8

215 48.1 28.3 68.3



#70

Pentachlorophenol

Concen: 93.159 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

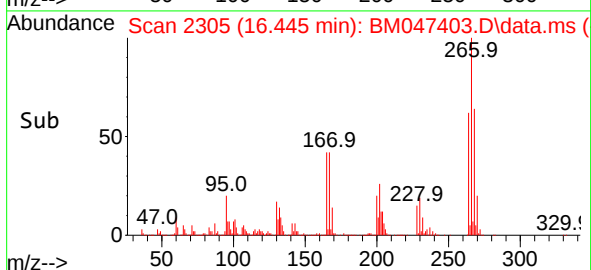
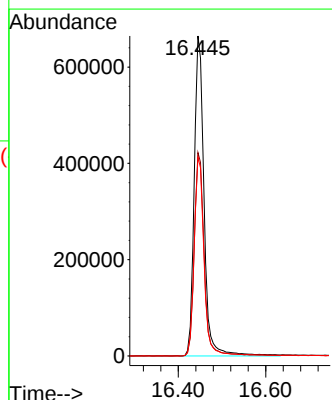
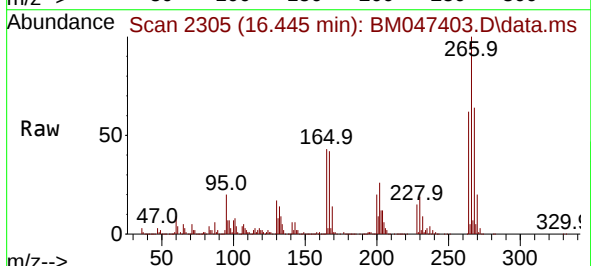
Tgt Ion:266 Resp: 1044688

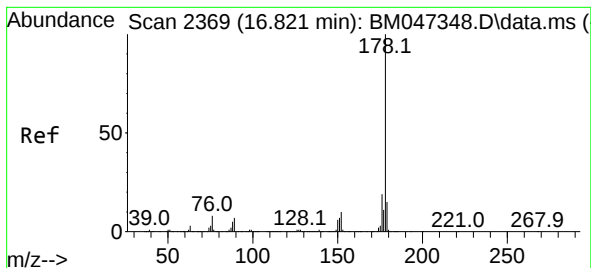
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 62.1 51.9 77.9





#71

Phenanthrene

Concen: 49.377 ng

RT: 16.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

PB163081BS

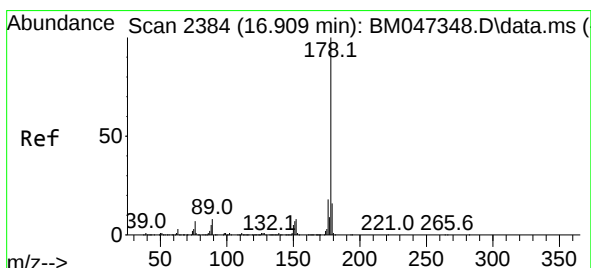
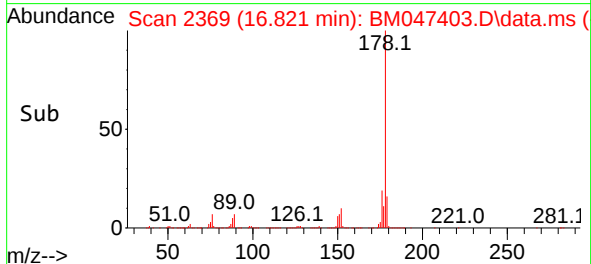
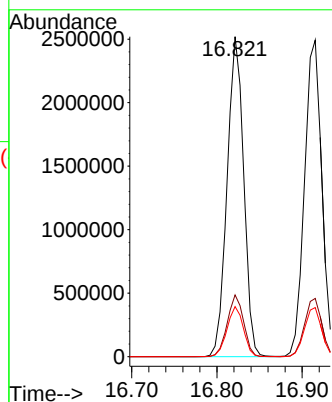
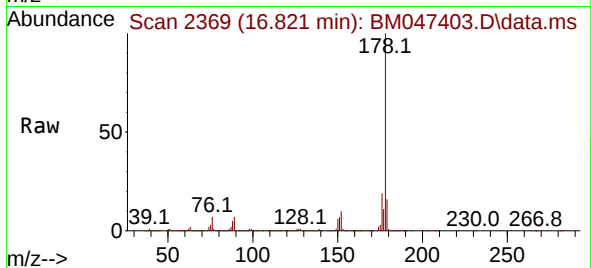
Tgt Ion:178 Resp: 3413560

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.7 12.2 18.4



#72

Anthracene

Concen: 52.237 ng

RT: 16.915 min Scan# 2385

Delta R.T. 0.006 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

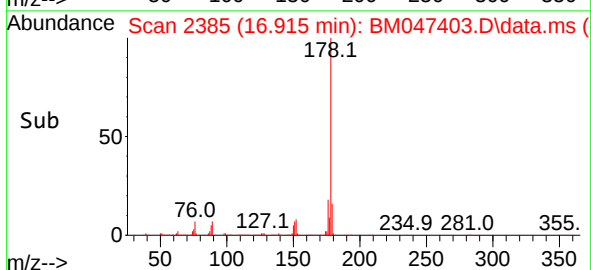
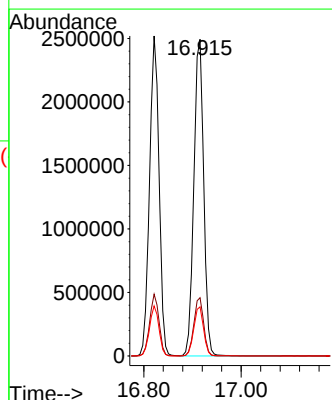
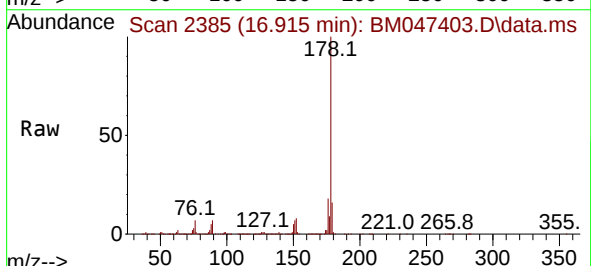
Tgt Ion:178 Resp: 3520382

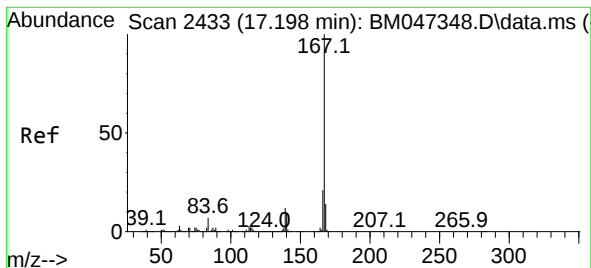
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.5 12.6 18.8





#73

Carbazole

Concen: 49.745 ng

RT: 17.198 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

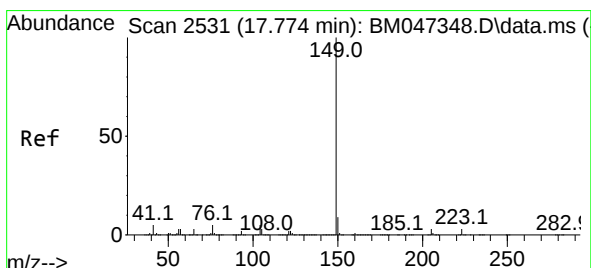
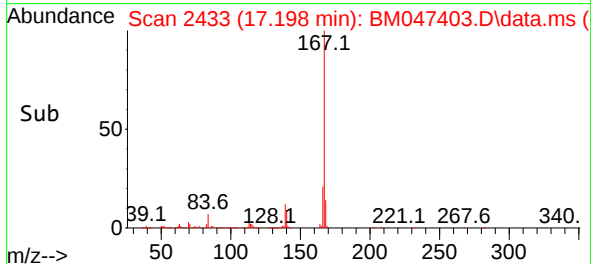
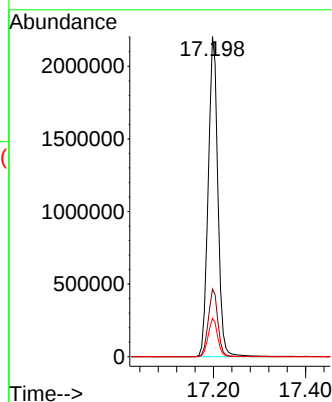
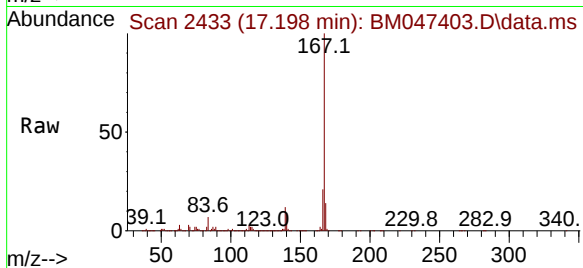
BNA_M

ClientSampleId :

PB163081BS

Tgt Ion:167 Resp: 3217017

Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.9	25.3
139	12.0	9.5	14.3



#74

Di-n-butylphthalate

Concen: 49.999 ng

RT: 17.774 min Scan# 2531

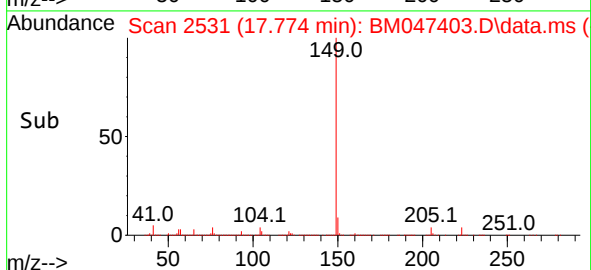
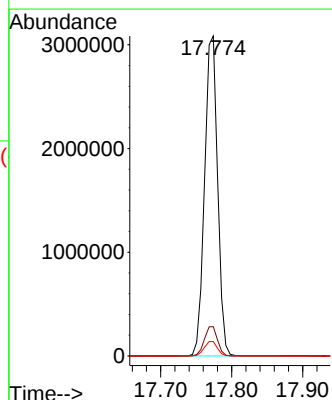
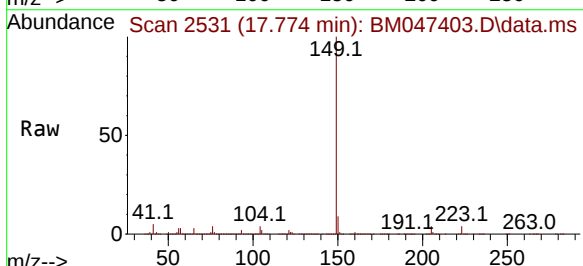
Delta R.T. 0.000 min

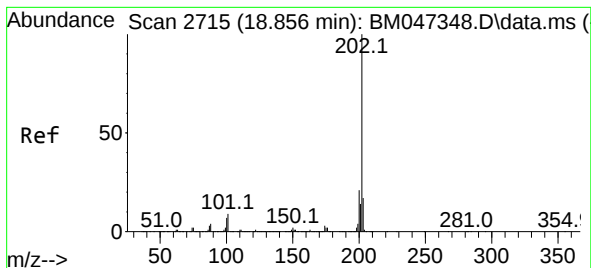
Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Tgt Ion:149 Resp: 3937372

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.5	3.8	5.6

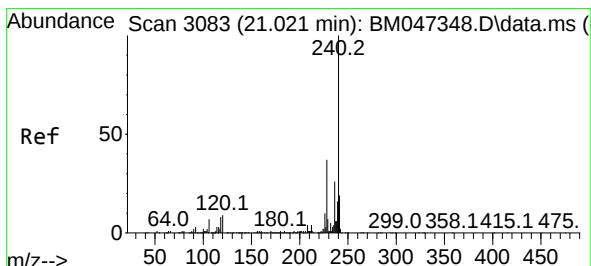
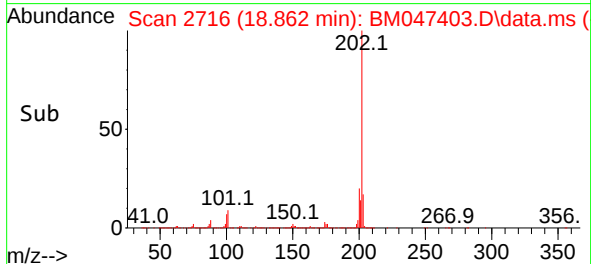
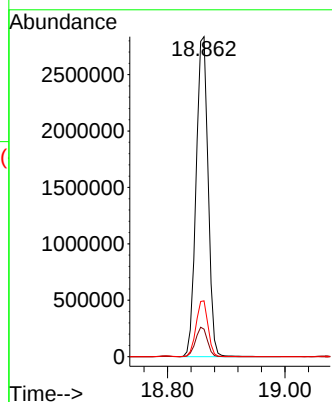
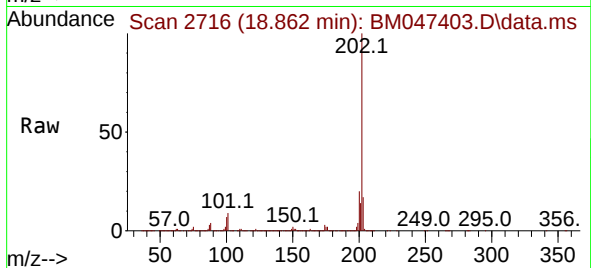




#75
Fluoranthene
Concen: 49.404 ng
RT: 18.862 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

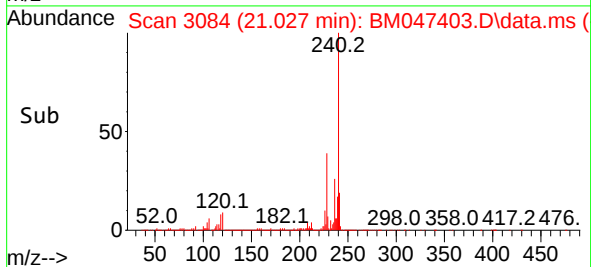
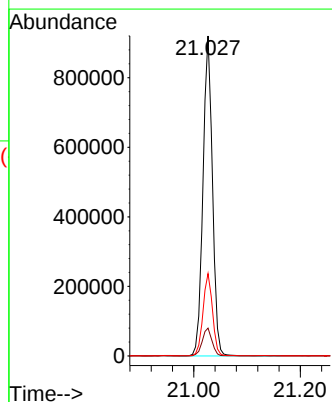
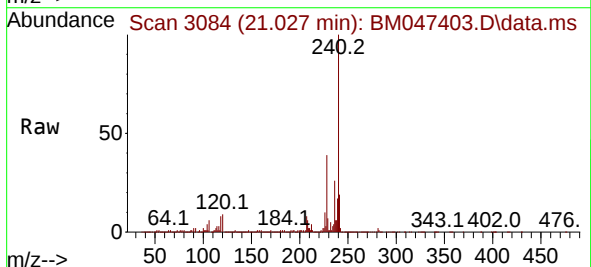
Instrument :
BNA_M
ClientSampleId :
PB163081BS

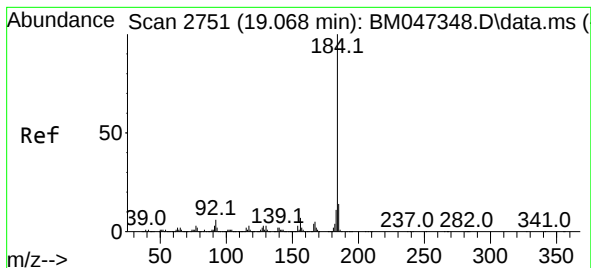
Tgt Ion:202 Resp: 4010345
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.0
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. 0.006 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:240 Resp: 1134291
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 25.8 20.8 31.2





#77

Benzidine

Concen: 79.533 ng

RT: 19.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

PB163081BS

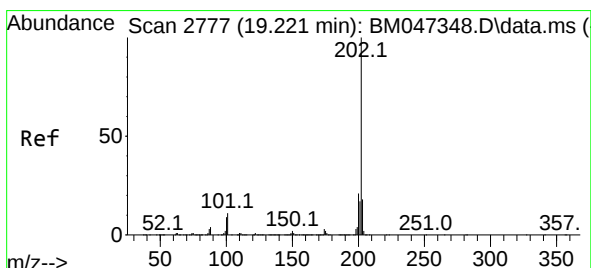
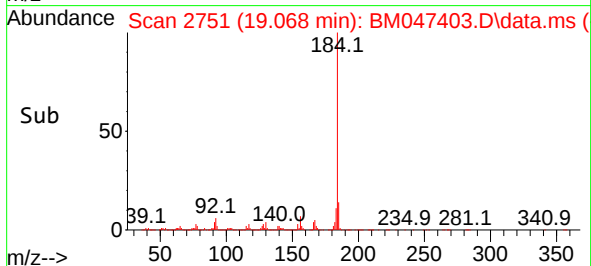
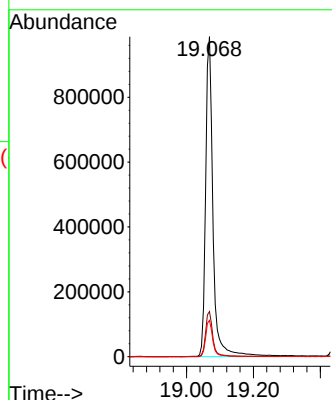
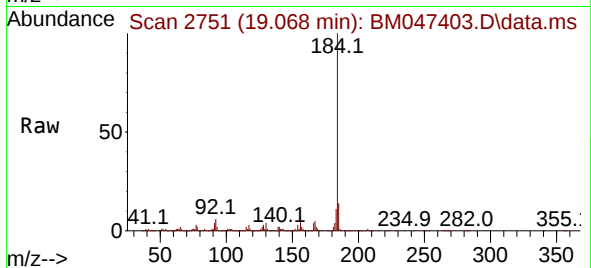
Tgt Ion:184 Resp: 1505874

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 11.4 9.2 13.8



#78

Pyrene

Concen: 48.410 ng

RT: 19.227 min Scan# 2778

Delta R.T. 0.006 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

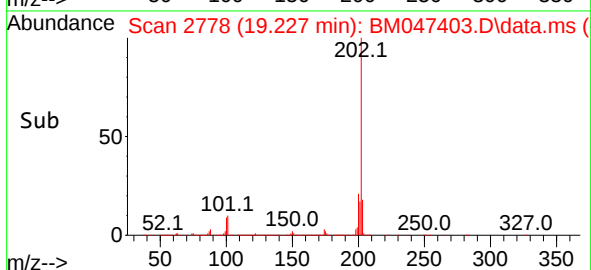
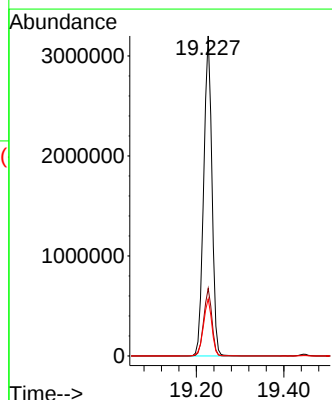
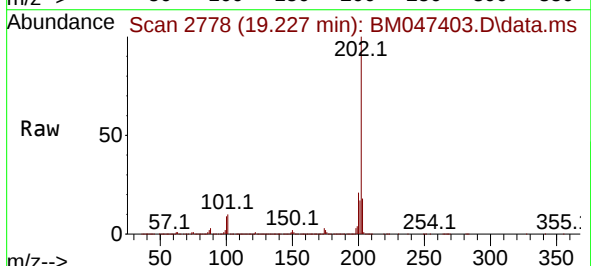
Tgt Ion:202 Resp: 4211527

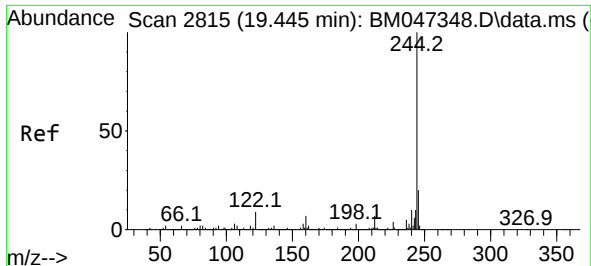
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.9 14.2 21.4

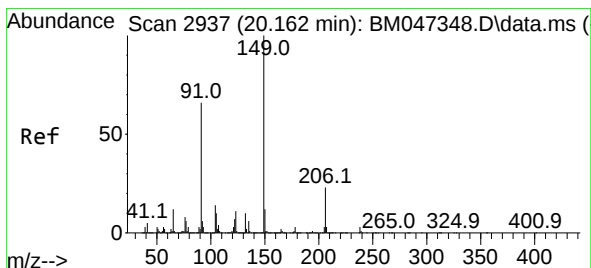
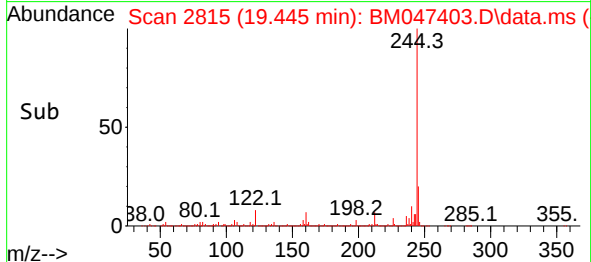
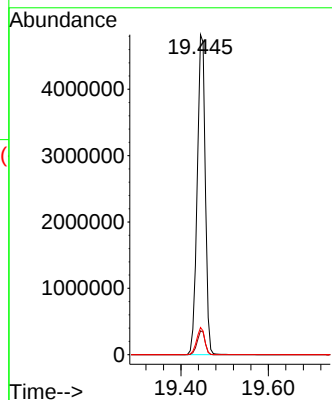
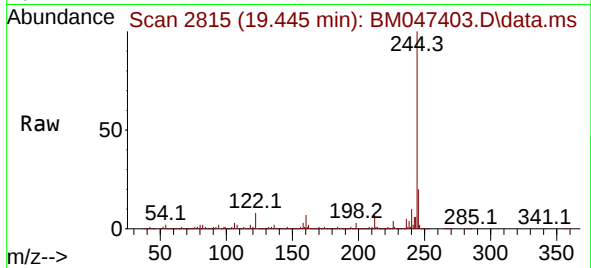




#79
 Terphenyl-d14
 Concen: 97.002 ng
 RT: 19.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047403.D
 Acq: 30 Aug 2024 12:47

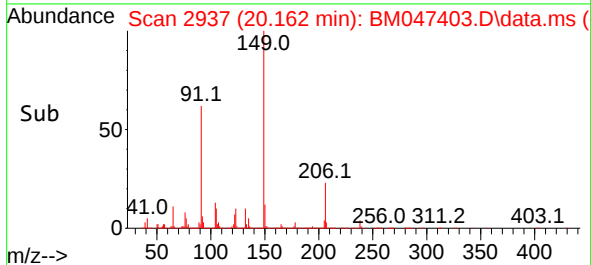
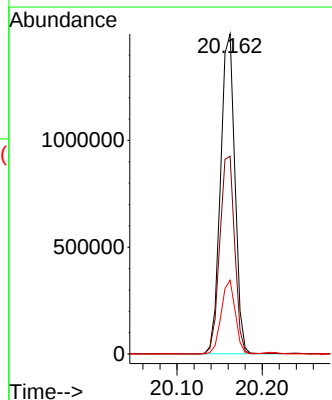
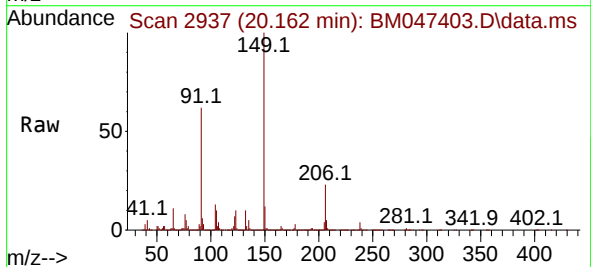
Instrument :
 BNA_M
 ClientSampleId :
 PB163081BS

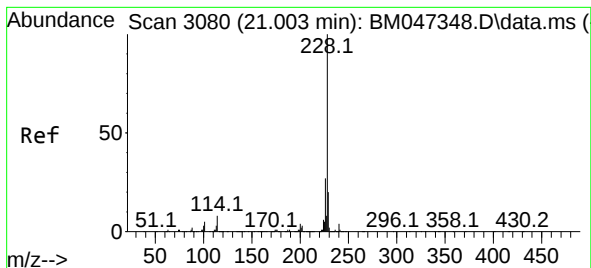
Tgt Ion:244 Resp: 6181551
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 8.5 7.0 10.4



#80
 Butylbenzylphthalate
 Concen: 51.570 ng
 RT: 20.162 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: BM047403.D
 Acq: 30 Aug 2024 12:47

Tgt Ion:149 Resp: 1755650
 Ion Ratio Lower Upper
 149 100
 91 61.8 52.6 79.0
 206 23.1 18.2 27.2





#81

Benzo(a)anthracene

Concen: 49.893 ng

RT: 21.009 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

PB163081BS

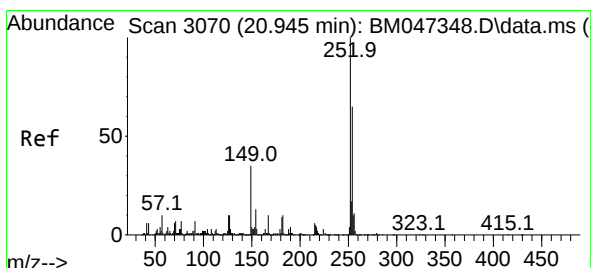
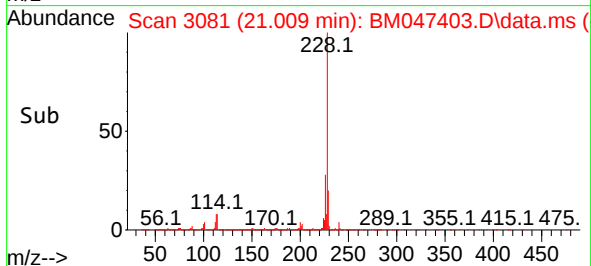
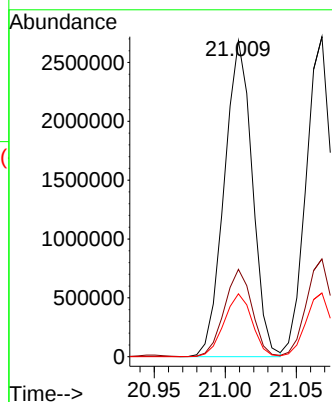
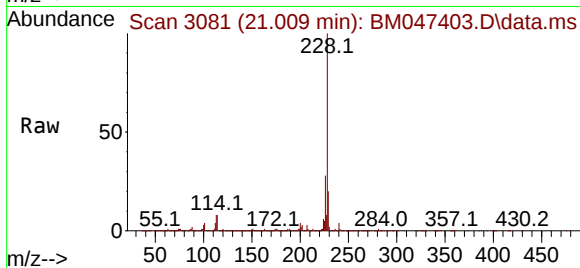
Tgt Ion:228 Resp: 3690644

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.0

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 40.823 ng

RT: 20.950 min Scan# 3071

Delta R.T. 0.006 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

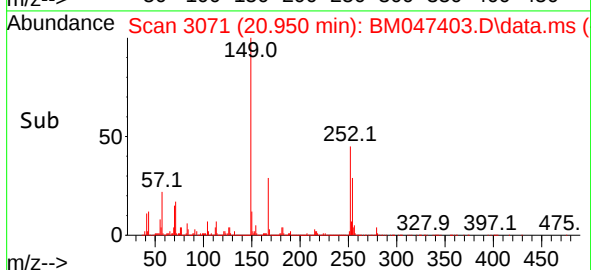
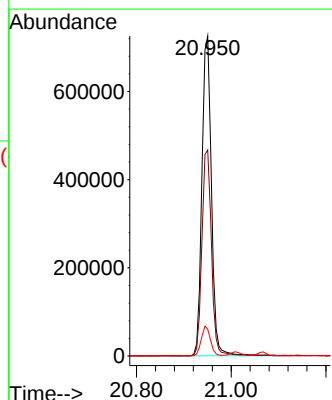
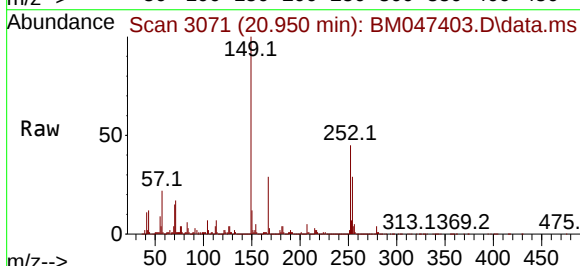
Tgt Ion:252 Resp: 1015790

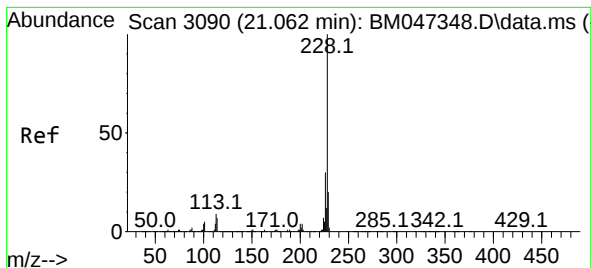
Ion Ratio Lower Upper

252 100

254 64.3 52.1 78.1

126 8.4 7.9 11.9





#83

Chrysene

Concen: 49.359 ng

RT: 21.068 min Scan# 3090

Delta R.T. 0.006 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

PB163081BS

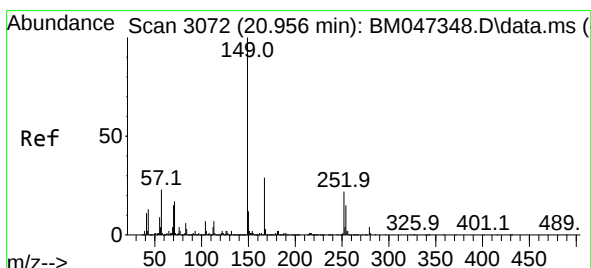
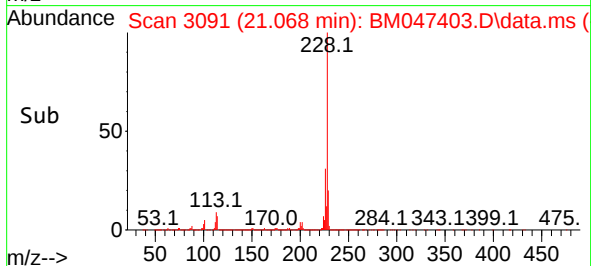
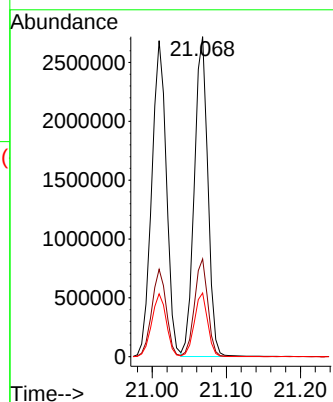
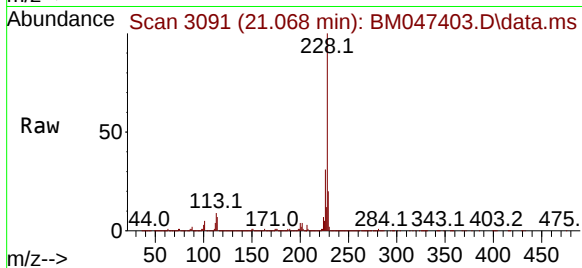
Tgt Ion:228 Resp: 3434501

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.380 ng

RT: 20.956 min Scan# 3072

Delta R.T. 0.000 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

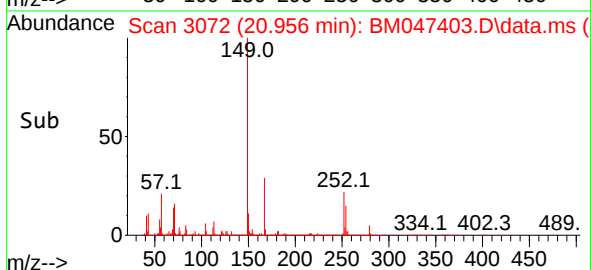
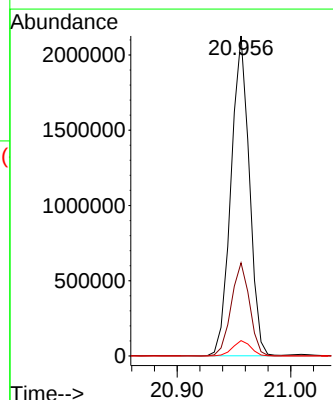
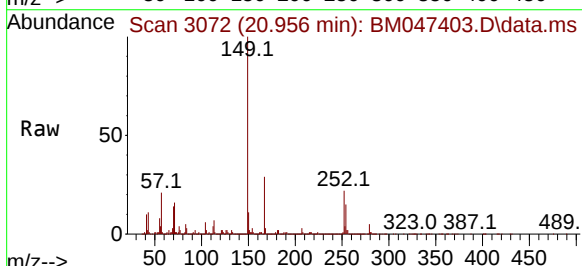
Tgt Ion:149 Resp: 2375959

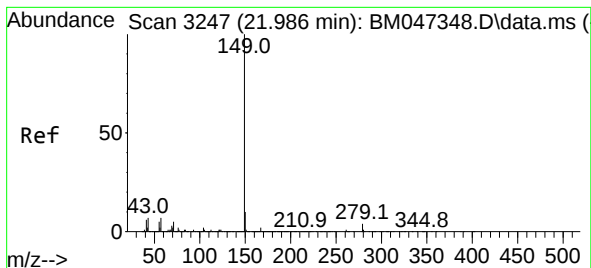
Ion Ratio Lower Upper

149 100

167 29.1 23.1 34.7

279 4.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.155 ng

RT: 21.986 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

PB163081BS

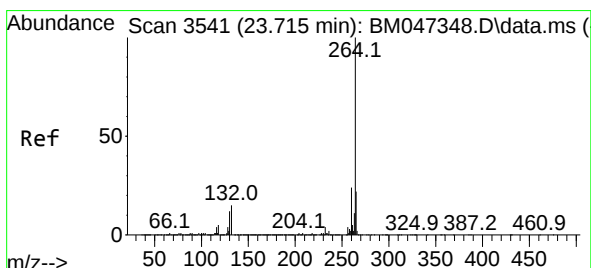
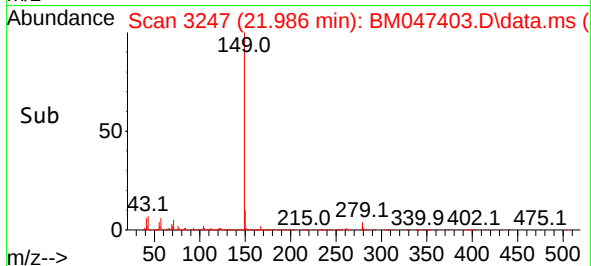
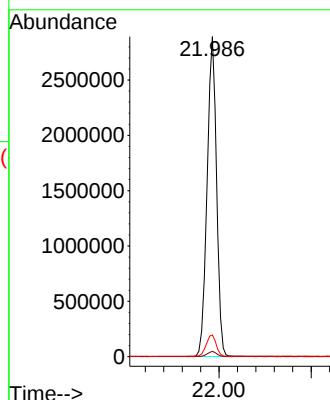
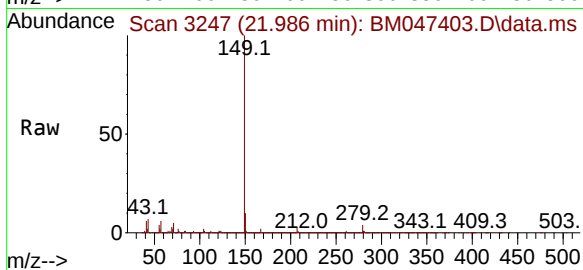
Tgt Ion:149 Resp: 4142836

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.0 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3543

Delta R.T. 0.012 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

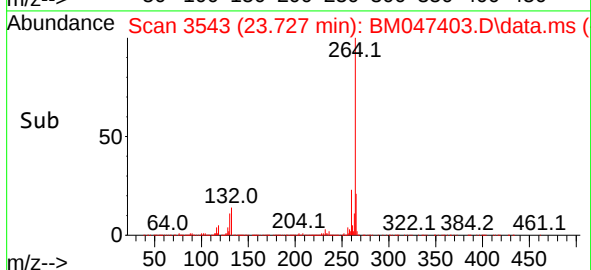
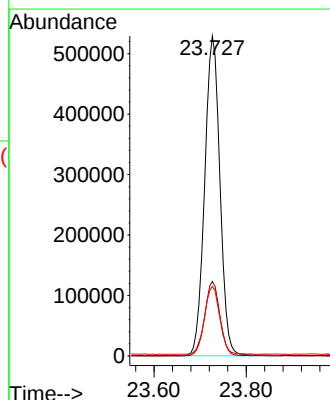
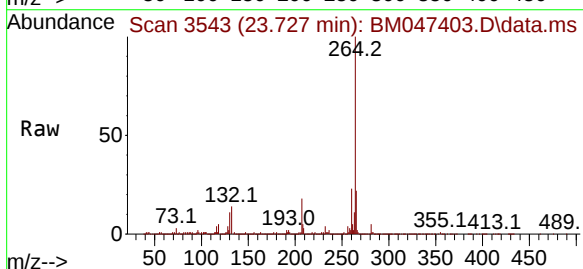
Tgt Ion:264 Resp: 1222822

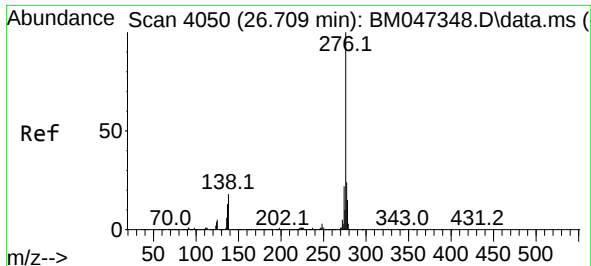
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.7 17.8 26.6

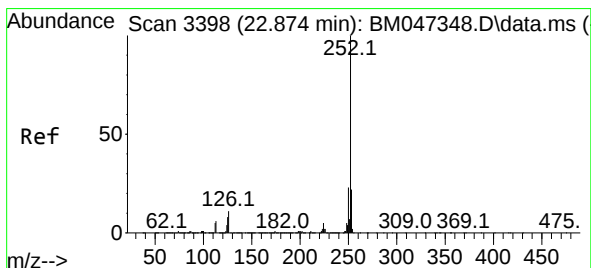
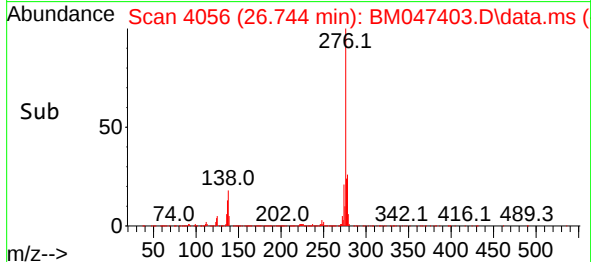
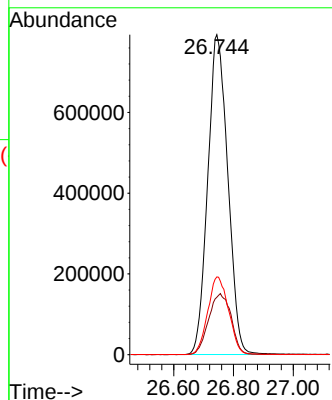
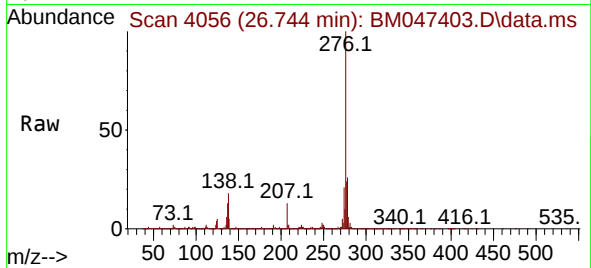




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.194 ng
RT: 26.744 min Scan# 4056
Delta R.T. 0.035 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

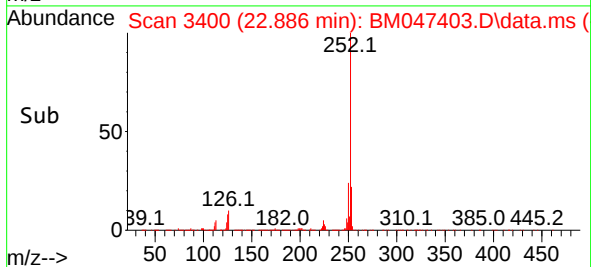
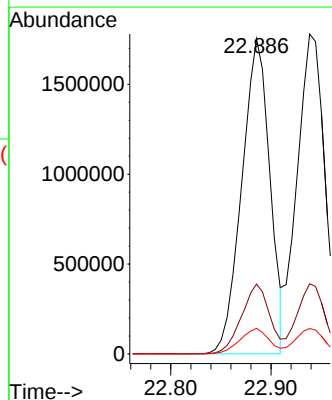
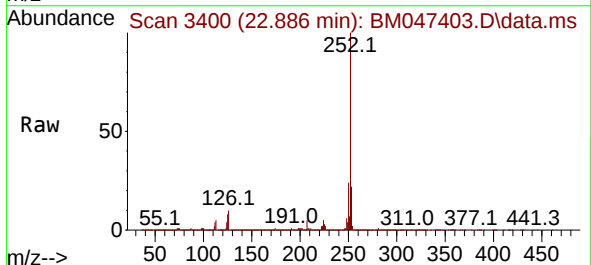
Instrument :
BNA_M
ClientSampleId :
PB163081BS

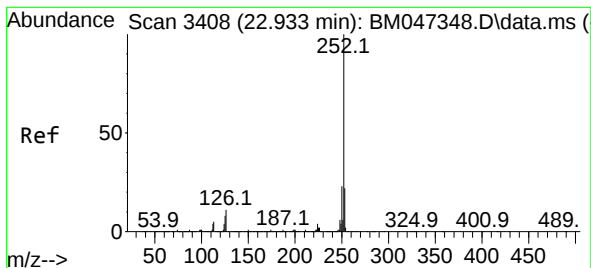
Tgt Ion:276 Resp: 3689201
Ion Ratio Lower Upper
276 100
138 21.4 17.7 26.5
277 25.1 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 47.841 ng
RT: 22.886 min Scan# 3400
Delta R.T. 0.012 min
Lab File: BM047403.D
Acq: 30 Aug 2024 12:47

Tgt Ion:252 Resp: 3413064
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.1 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 50.594 ng

RT: 22.939 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

PB163081BS

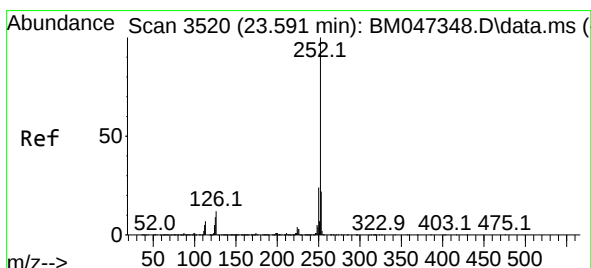
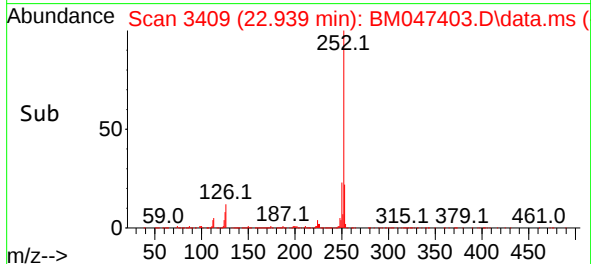
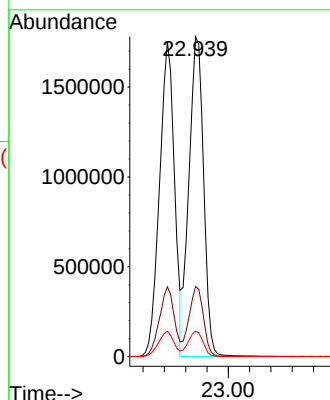
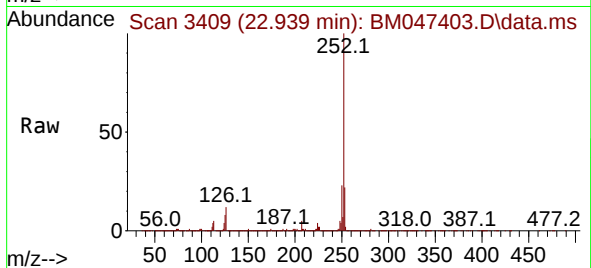
Tgt Ion:252 Resp: 3421676

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.0 6.6 9.8



#90

Benzo(a)pyrene

Concen: 52.115 ng

RT: 23.603 min Scan# 3522

Delta R.T. 0.012 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

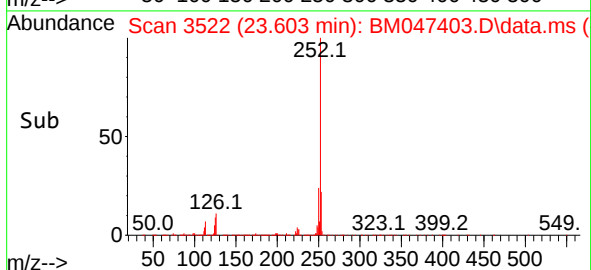
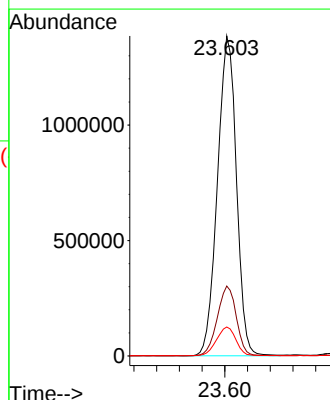
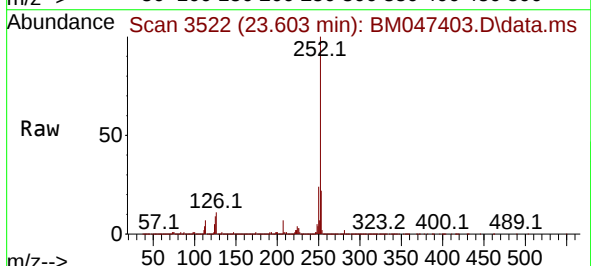
Tgt Ion:252 Resp: 3215256

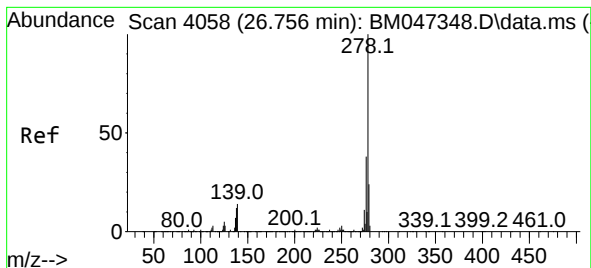
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.0 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 47.803 ng

RT: 26.785 min Scan# 4058

Delta R.T. 0.029 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

PB163081BS

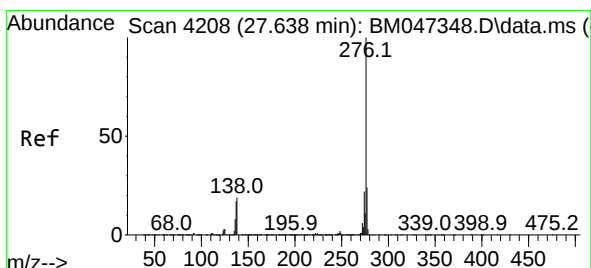
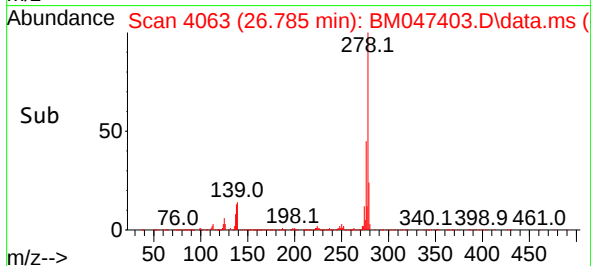
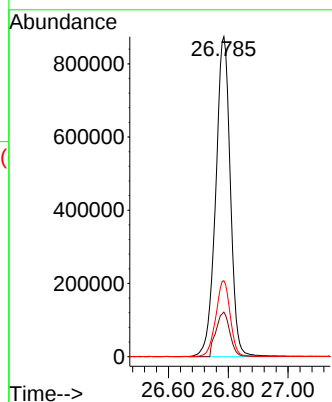
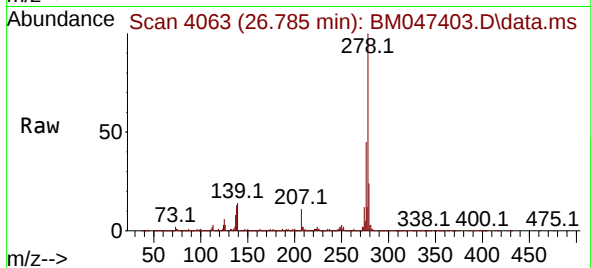
Tgt Ion:278 Resp: 2964437

Ion Ratio Lower Upper

278 100

139 13.9 11.1 16.7

279 23.7 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 43.215 ng

RT: 27.673 min Scan# 4214

Delta R.T. 0.035 min

Lab File: BM047403.D

Acq: 30 Aug 2024 12:47

Tgt Ion:276 Resp: 2786041

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 18.4 15.0 22.6

