

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082924\
 Data File : BM047393.D
 Acq On : 29 Aug 2024 14:22
 Operator : RC/JU
 Sample : PB163062BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163062BS

Quant Time: Aug 29 14:57:45 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	301240	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1209419	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	856667	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1859852	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1649265	20.000	ng	0.00
86) Perylene-d12	23.721	264	1803926	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2055312	130.900	ng	0.00
7) Phenol-d6	6.575	99	2750413	128.588	ng	0.00
23) Nitrobenzene-d5	8.504	82	1750771	80.322	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1307720	126.526	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	4356943	78.145	ng	0.00
79) Terphenyl-d14	19.445	244	7288463	78.660	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.016	88	177970	27.692	ng	98
3) Pyridine	3.387	79	493777	27.683	ng	99
4) n-Nitrosodimethylamine	3.310	42	302053	41.579	ng	100
6) Aniline	6.698	93	525396	27.121	ng	99
8) 2-Chlorophenol	6.928	128	874286	49.748	ng	98
9) Benzaldehyde	6.516	77	158987	10.922	ng	97
10) Phenol	6.604	94	1029319	48.912	ng	99
11) bis(2-Chloroethyl)ether	6.798	93	820975	45.018	ng	99
12) 1,3-Dichlorobenzene	7.234	146	888856	41.361	ng	99
13) 1,4-Dichlorobenzene	7.381	146	906770	41.663	ng	99
14) 1,2-Dichlorobenzene	7.687	146	886043	42.959	ng	99
15) Benzyl Alcohol	7.604	79	772919	52.122	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.869	45	937911	42.892	ng	99
17) 2-Methylphenol	7.822	107	705992	48.287	ng	99
18) Hexachloroethane	8.392	117	339003	41.667	ng	99
19) n-Nitroso-di-n-propyla...	8.163	70	605980	41.214	ng	97
20) 3+4-Methylphenols	8.145	107	969201	47.677	ng	98
22) Acetophenone	8.175	105	1099546	39.174	ng	100
24) Nitrobenzene	8.545	77	920620	41.067	ng	98
25) Isophorone	9.069	82	1766229	42.873	ng	98
26) 2-Nitrophenol	9.239	139	521062	47.254	ng	97
27) 2,4-Dimethylphenol	9.328	122	645182	51.835	ng	99
28) bis(2-Chloroethoxy)met...	9.545	93	1084670	42.996	ng	98
29) 2,4-Dichlorophenol	9.781	162	973952	50.443	ng	99
30) 1,2,4-Trichlorobenzene	9.975	180	935002	41.926	ng	99
31) Naphthalene	10.151	128	2482850	42.032	ng	99
32) Benzoic acid	9.557	122	656940	44.201	ng	98
33) 4-Chloroaniline	10.292	127	679874	30.954	ng	99
34) Hexachlorobutadiene	10.428	225	571811	41.055	ng	99
35) Caprolactam	11.116	113	158479	25.338	ng	96
36) 4-Chloro-3-methylphenol	11.451	107	938624	47.871	ng	99
37) 2-Methylnaphthalene	11.780	142	1868887	43.392	ng	100
38) 1-Methylnaphthalene	12.004	142	1747981	41.035	ng	100
40) 1,2,4,5-Tetrachloroben...	12.163	216	1014868	40.007	ng	99
41) Hexachlorocyclopentadiene	12.133	237	725621	90.633	ng	100
43) 2,4,6-Trichlorophenol	12.427	196	813907	46.804	ng	98

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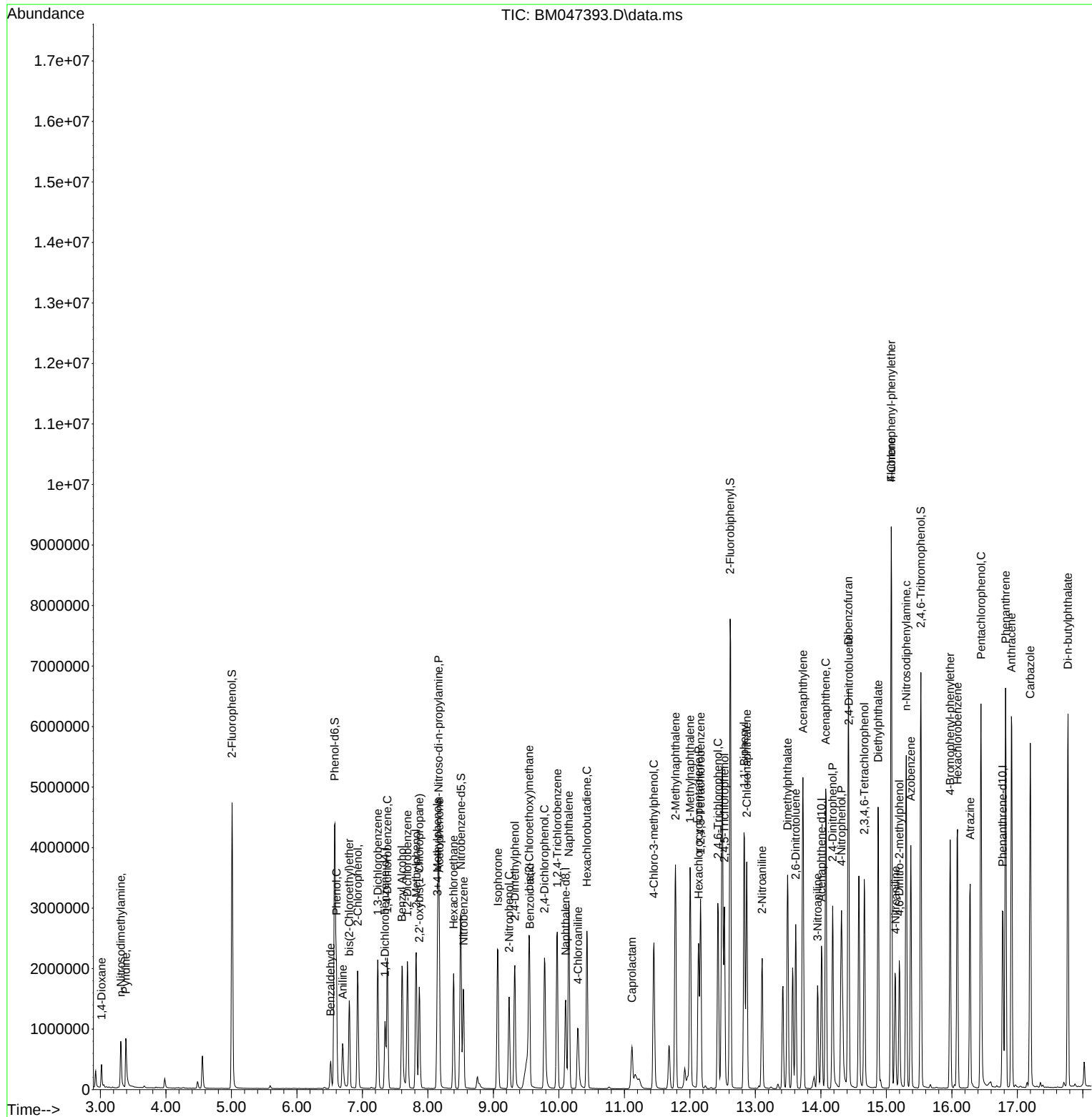
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.527	196	828502	42.900	ng	99
46) 1,1'-Biphenyl	12.827	154	2298720	38.429	ng	99
47) 2-Chloronaphthalene	12.869	162	1909970	40.745	ng	99
48) 2-Nitroaniline	13.104	65	603335	45.949	ng	96
49) Acenaphthylene	13.727	152	3139002	46.075	ng	99
50) Dimethylphthalate	13.492	163	2640288	44.730	ng	100
51) 2,6-Dinitrotoluene	13.616	165	612436	44.562	ng	99
52) Acenaphthene	14.074	154	1831602	42.350	ng	99
53) 3-Nitroaniline	13.951	138	481360	37.957	ng	97
54) 2,4-Dinitrophenol	14.180	184	816177	96.433	ng	97
55) Dibenzofuran	14.421	168	3036465	43.588	ng	99
56) 4-Nitrophenol	14.316	139	957394	96.578	ng	97
57) 2,4-Dinitrotoluene	14.427	165	809264	45.487	ng	90
58) Fluorene	15.074	166	2433650	43.166	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	753631	47.509	ng	99
60) Diethylphthalate	14.874	149	2572115	44.175	ng	99
61) 4-Chlorophenyl-phenyle...	15.074	204	1250014	43.584	ng	98
62) 4-Nitroaniline	15.139	138	553834	47.209	ng	97
63) Azobenzene	15.374	77	2210676	43.600	ng	98
65) 4,6-Dinitro-2-methylph...	15.198	198	543963	47.653	ng	99
66) n-Nitrosodiphenylamine	15.304	169	2189601	43.026	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	830342	42.320	ng	97
68) Hexachlorobenzene	16.086	284	945746	41.734	ng	97
69) Atrazine	16.280	200	667228	40.111	ng	98
70) Pentachlorophenol	16.445	266	1212036	82.725	ng	99
71) Phenanthrene	16.821	178	3982694	44.094	ng	99
72) Anthracene	16.910	178	3949702	44.858	ng	100
73) Carbazole	17.198	167	3858027	45.661	ng	100
74) Di-n-butylphthalate	17.774	149	4646634	45.163	ng	100
75) Fluoranthene	18.856	202	4901811	46.219	ng	99
77) Benzidine	19.068	184	628433	22.827	ng	100
78) Pyrene	19.227	202	5055197	39.964	ng	100
80) Butylbenzylphthalate	20.156	149	2152692	43.489	ng	99
81) Benzo(a)anthracene	21.009	228	4826863	44.878	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	1512256	41.798	ng	99
83) Chrysene	21.062	228	4531400	44.789	ng	99
84) Bis(2-ethylhexyl)phtha...	20.956	149	2954479	42.230	ng	# 99
85) Di-n-octyl phthalate	21.986	149	5451260	46.293	ng	99
87) Indeno(1,2,3-cd)pyrene	26.744	276	6008942	53.212	ng	99
88) Benzo(b)fluoranthene	22.880	252	5135549	48.796	ng	100
89) Benzo(k)fluoranthene	22.939	252	4966416	49.779	ng	99
90) Benzo(a)pyrene	23.603	252	4781221	52.533	ng	99
91) Dibenzo(a,h)anthracene	26.791	278	4842481	52.933	ng	99
92) Benzo(g,h,i)perylene	27.679	276	4735653	49.793	ng	99

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

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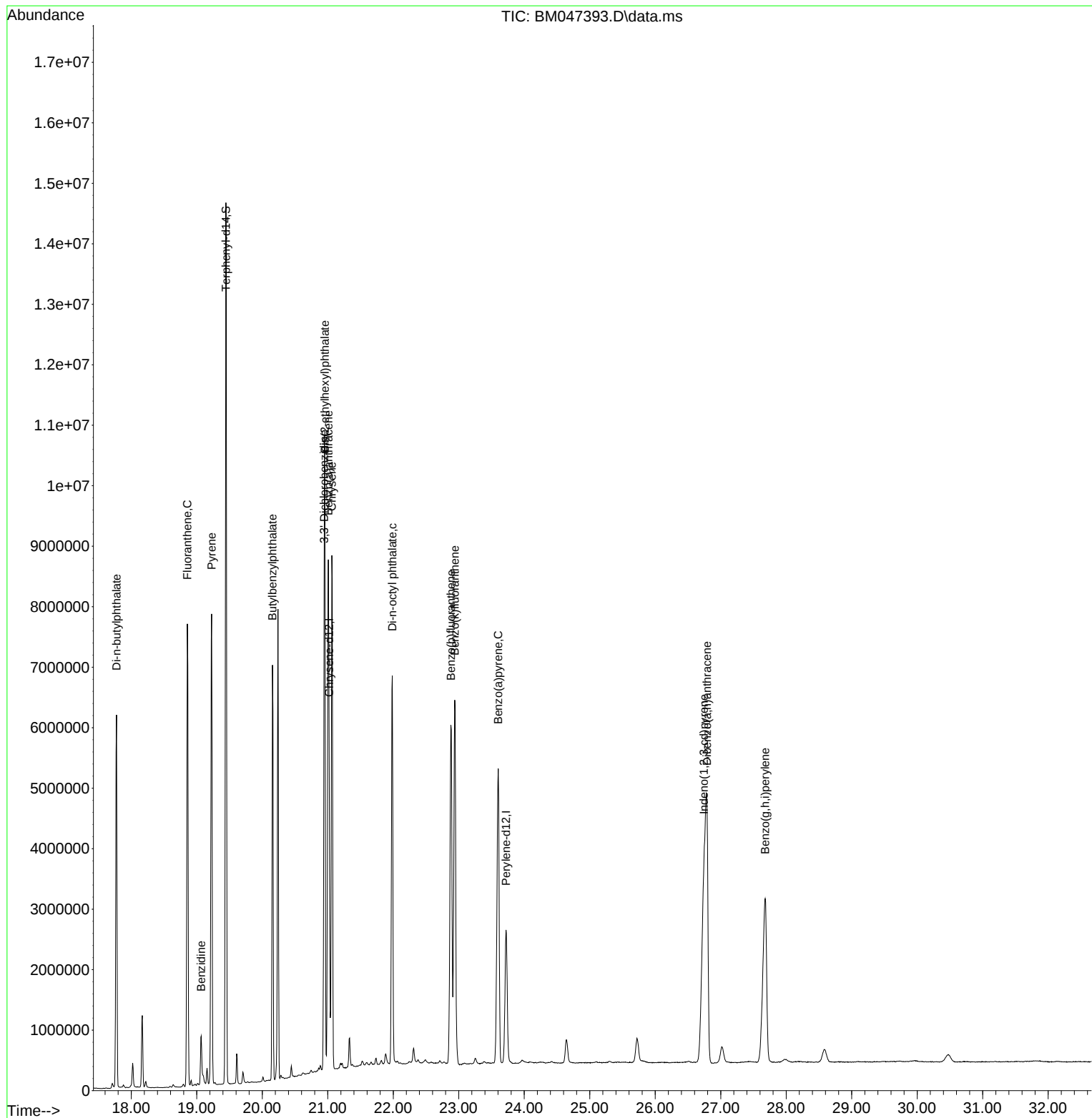
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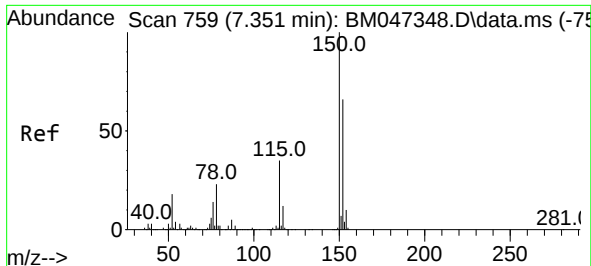


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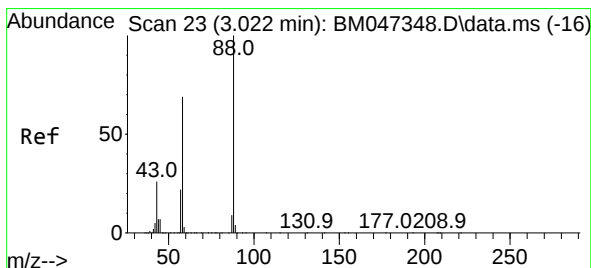
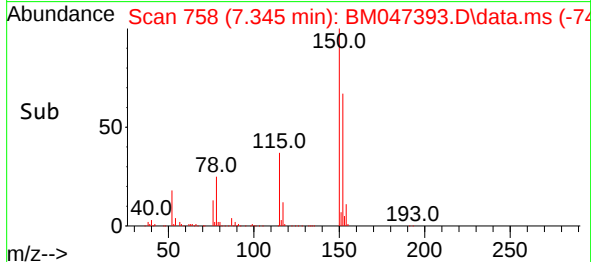
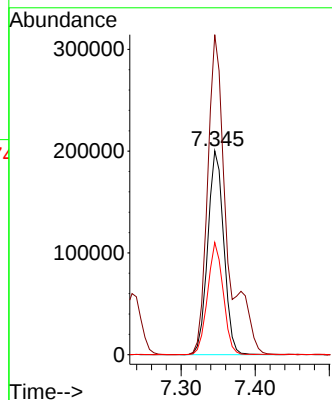
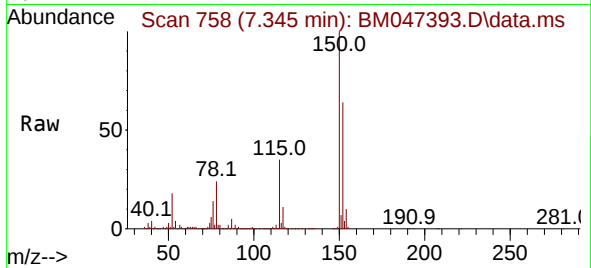




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.345 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BM047393.D
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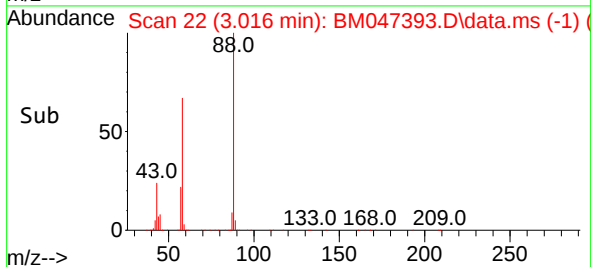
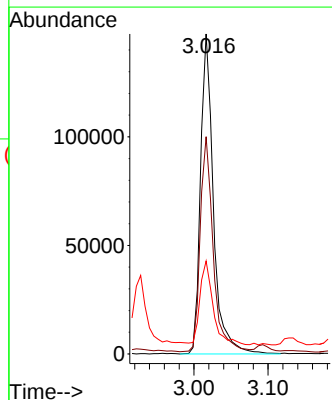
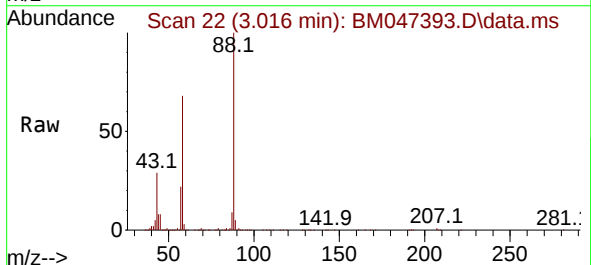
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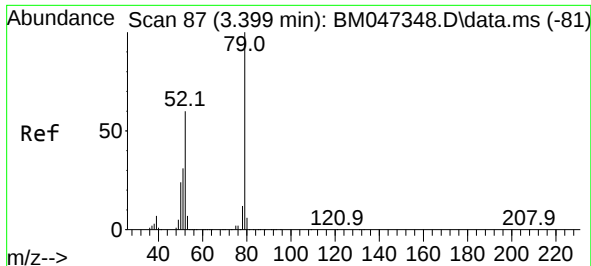
Tgt Ion:152 Resp: 301240
 Ion Ratio Lower Upper
 152 100
 150 157.0 121.3 181.9
 115 55.0 42.6 64.0



#2
 1,4-Dioxane
 Concen: 27.692 ng
 RT: 3.016 min Scan# 22
 Delta R.T. -0.006 min
 Lab File: BM047393.D
 Acq: 29 Aug 2024 14:22

Tgt Ion: 88 Resp: 177970
 Ion Ratio Lower Upper
 88 100
 58 67.2 55.4 83.0
 43 26.5 20.7 31.1

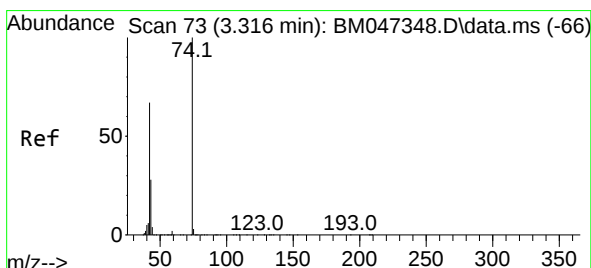
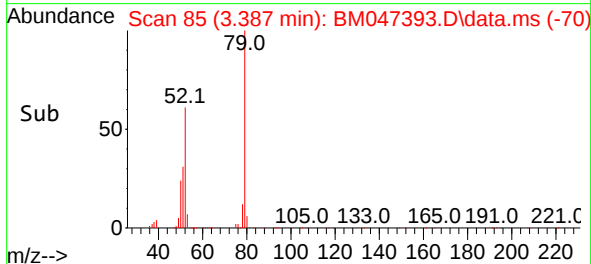
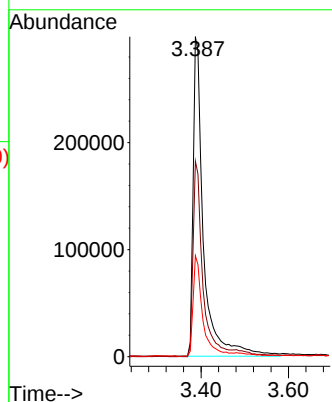
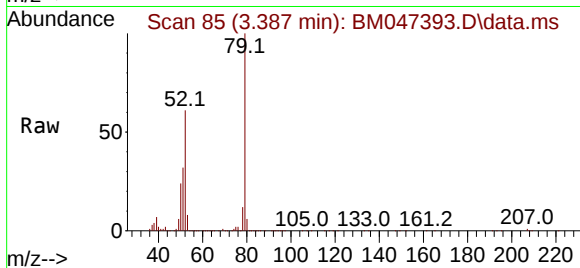




#3
Pyridine
Concen: 27.683 ng
RT: 3.387 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

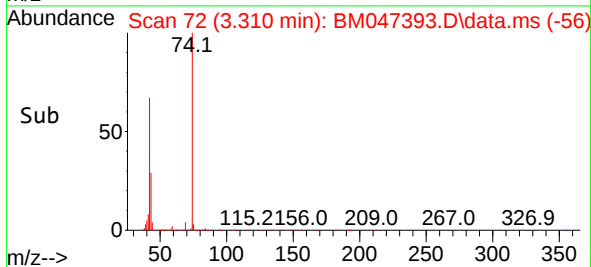
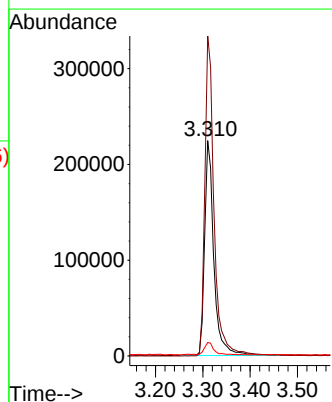
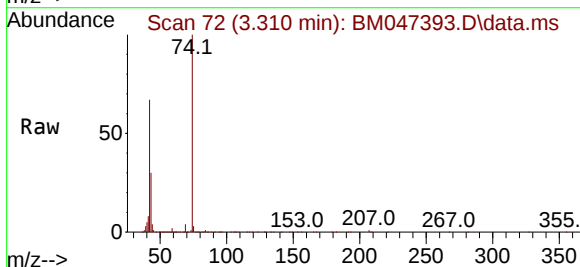
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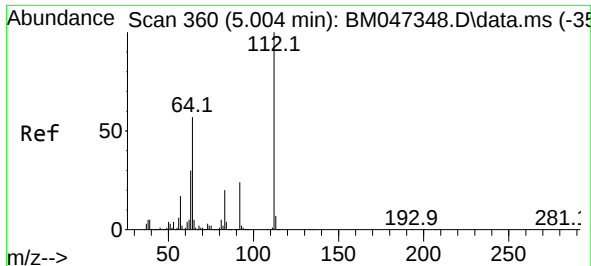
Tgt Ion: 79 Resp: 493777
Ion Ratio Lower Upper
79 100
52 61.1 47.8 71.6
51 31.5 25.0 37.4



#4
n-Nitrosodimethylamine
Concen: 41.579 ng
RT: 3.310 min Scan# 72
Delta R.T. -0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion: 42 Resp: 302053
Ion Ratio Lower Upper
42 100
74 148.6 119.2 178.8
44 6.3 5.2 7.8

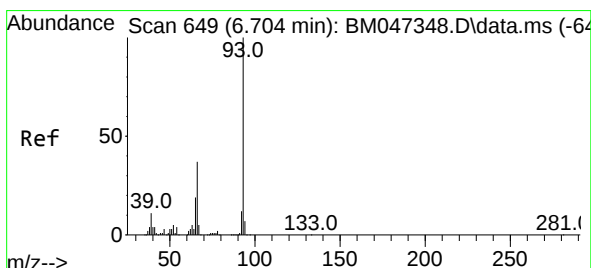
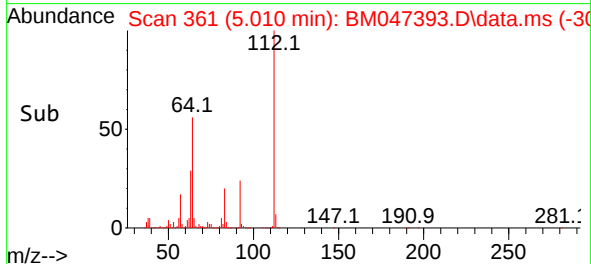
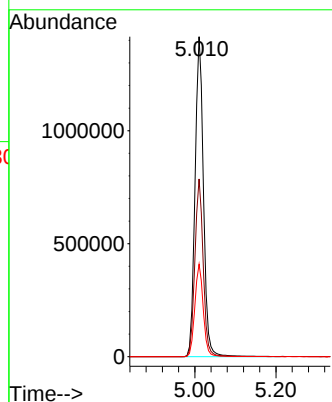
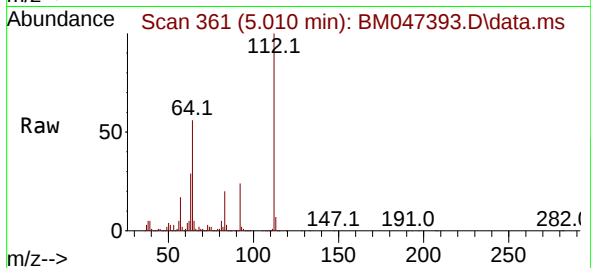




#5
2-Fluorophenol
Concen: 130.900 ng
RT: 5.010 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM047393.D
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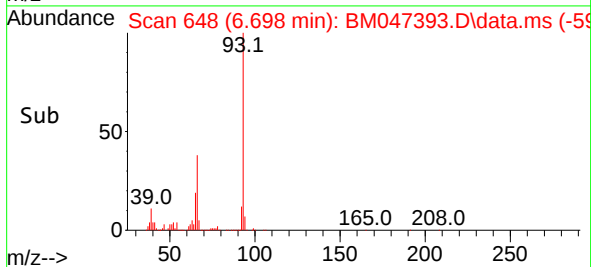
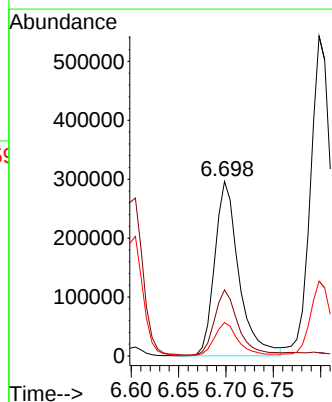
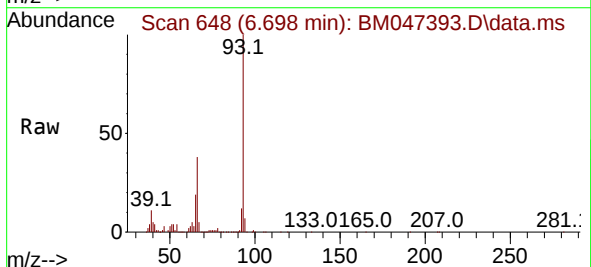
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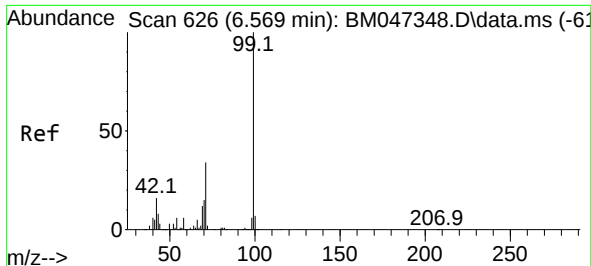
Tgt Ion:112 Resp: 2055312
Ion Ratio Lower Upper
112 100
64 55.5 45.7 68.5
63 28.9 23.8 35.8



#6
Aniline
Concen: 27.121 ng
RT: 6.698 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM047393.D
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Tgt Ion: 93 Resp: 525396
Ion Ratio Lower Upper
93 100
66 37.9 30.0 45.0
65 19.2 15.5 23.3



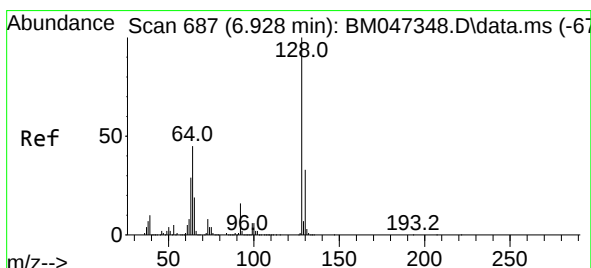
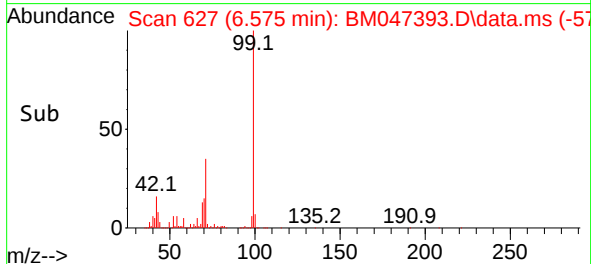
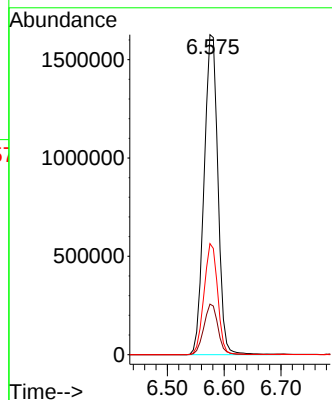
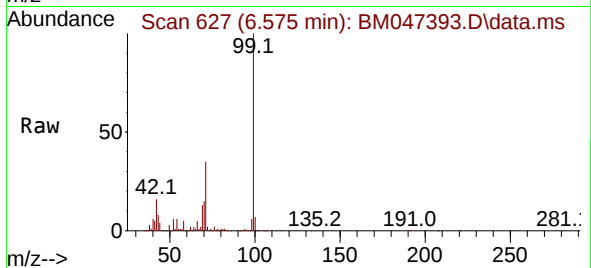


#7
Phenol-d6
Concen: 128.588 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047393.D
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Tgt Ion: 99 Resp: 2750413

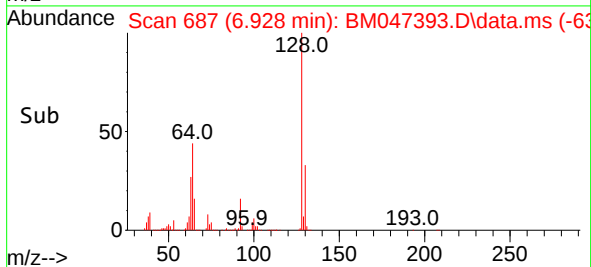
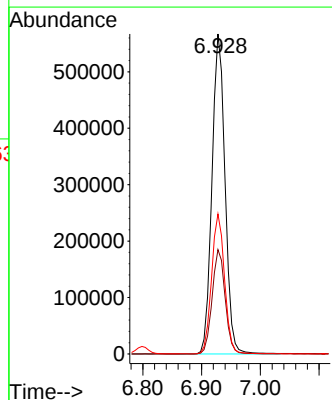
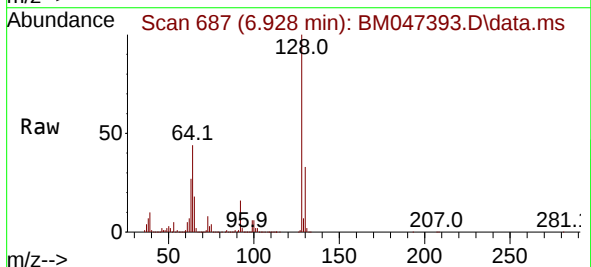
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.0	19.4
71	34.7	27.5	41.3

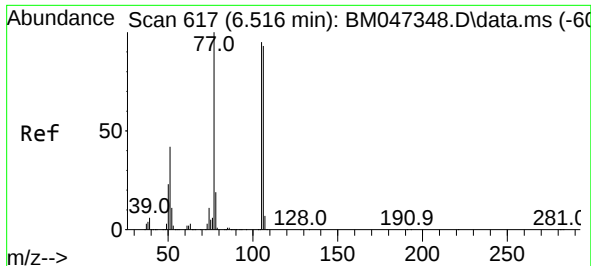


#8
2-Chlorophenol
Concen: 49.748 ng
RT: 6.928 min Scan# 687
Delta R.T. 0.000 min
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Tgt Ion: 128 Resp: 874286

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	43.8	25.3	65.3

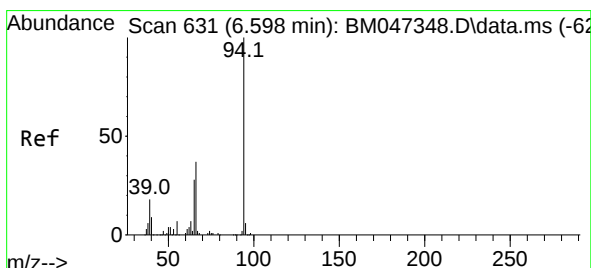
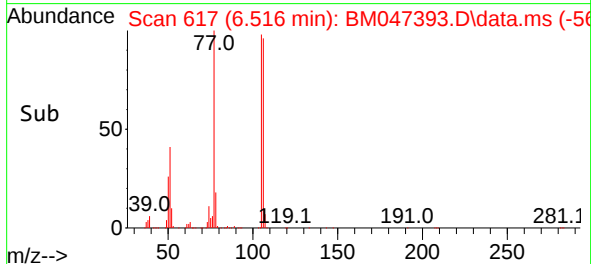
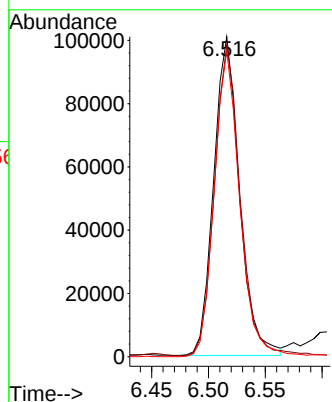
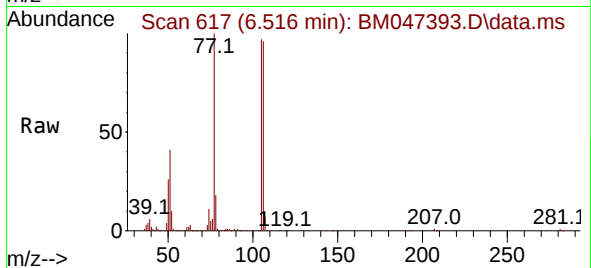




#9
Benzaldehyde
Concen: 10.922 ng
RT: 6.516 min Scan# 617
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

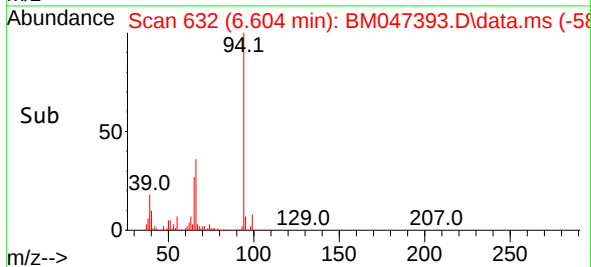
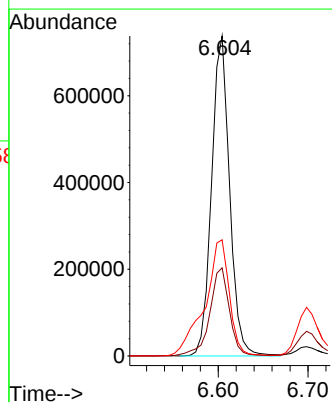
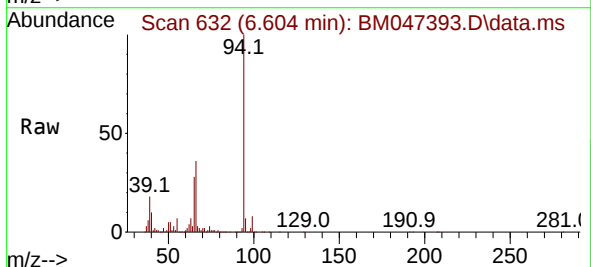
Instrument :
BNA_M
ClientSampleId :
PB163062BS

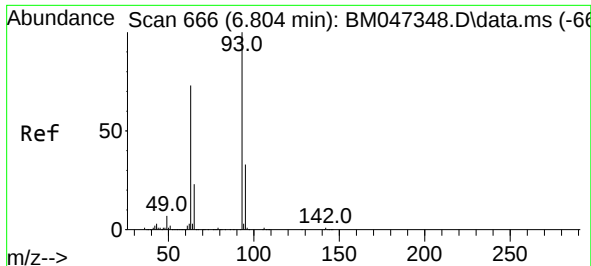
Tgt Ion: 77 Resp: 158987
Ion Ratio Lower Upper
77 100
105 97.5 74.9 114.9
106 95.7 72.6 112.6



#10
Phenol
Concen: 48.912 ng
RT: 6.604 min Scan# 632
Delta R.T. 0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion: 94 Resp: 1029319
Ion Ratio Lower Upper
94 100
65 27.5 7.9 47.9
66 36.3 17.3 57.3

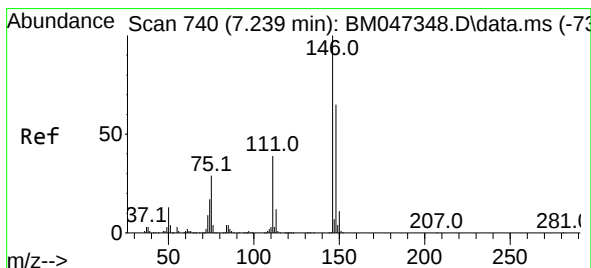
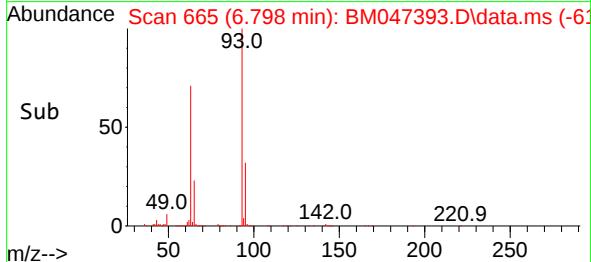
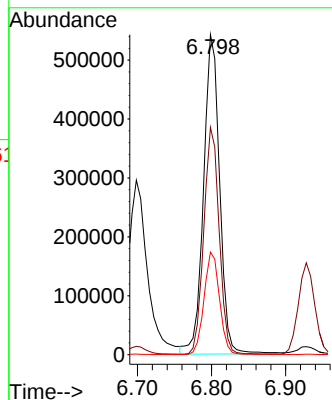
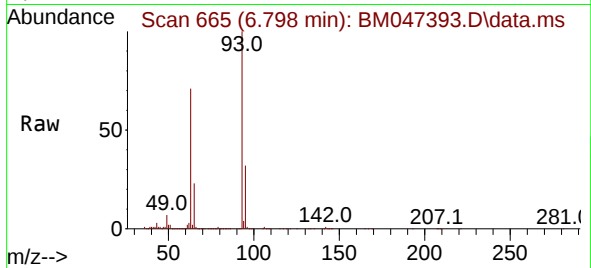




#11
bis(2-Chloroethyl)ether
Concen: 45.018 ng
RT: 6.798 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

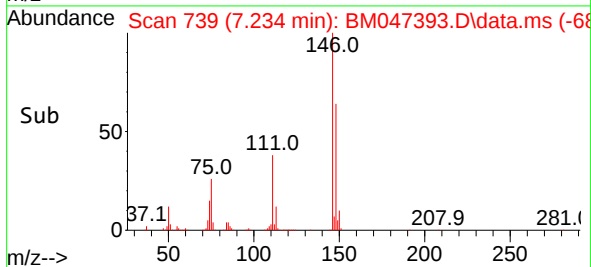
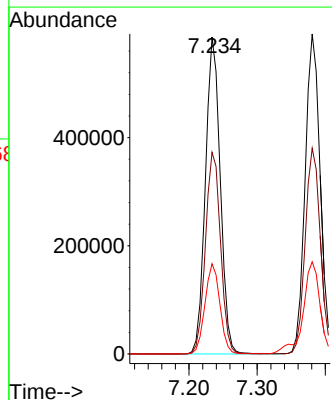
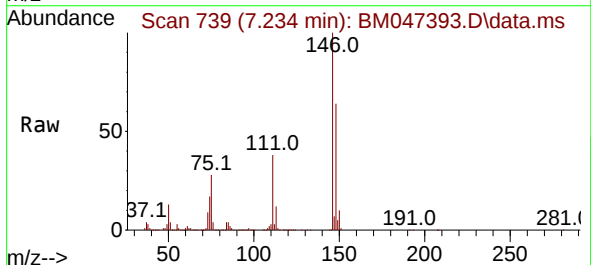
Instrument :
BNA_M
ClientSampleId :
PB163062BS

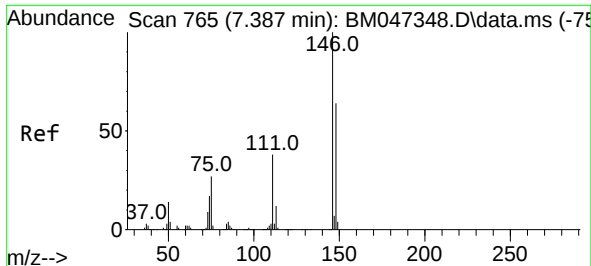
Tgt Ion: 93 Resp: 820975
Ion Ratio Lower Upper
93 100
63 71.0 52.2 92.2
95 32.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.361 ng
RT: 7.234 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion: 146 Resp: 888856
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
75 28.5 23.3 34.9

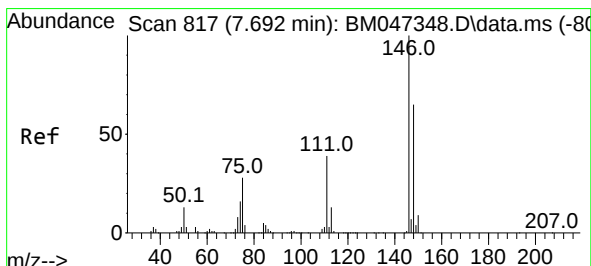
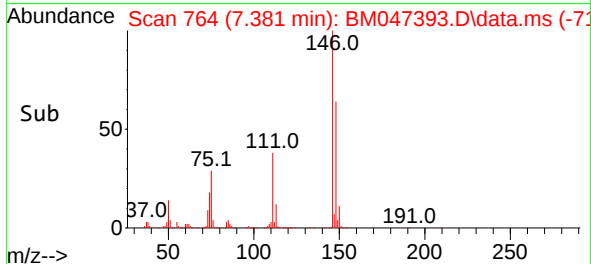
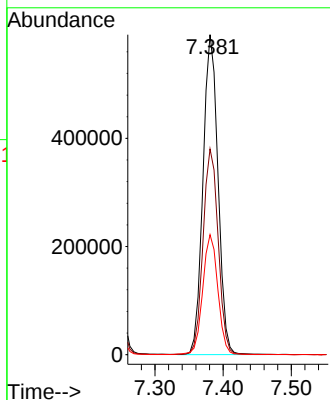
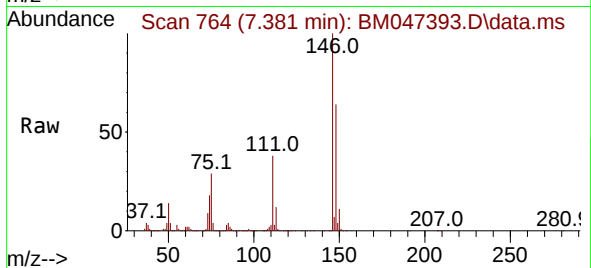




#13
1,4-Dichlorobenzene
Concen: 41.663 ng
RT: 7.381 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

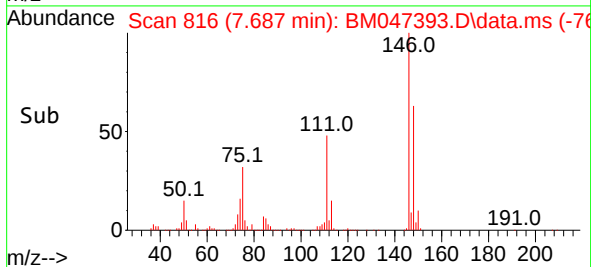
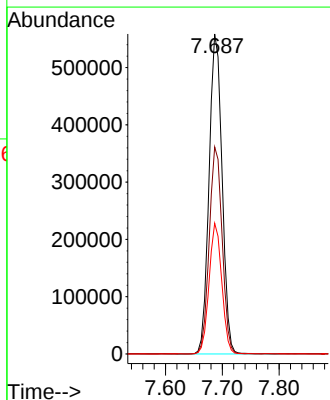
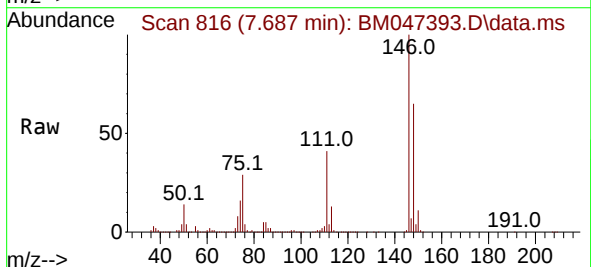
Instrument :
BNA_M
ClientSampleId :
PB163062BS

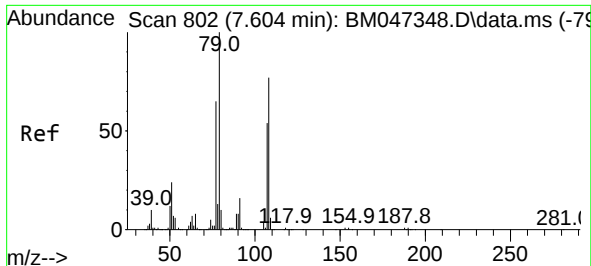
Tgt Ion:146 Resp: 906770
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 37.5 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 42.959 ng
RT: 7.687 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:146 Resp: 886043
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 40.9 31.7 47.5

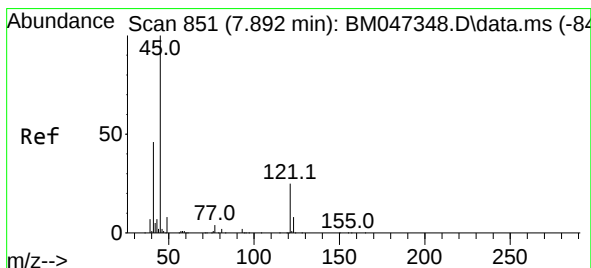
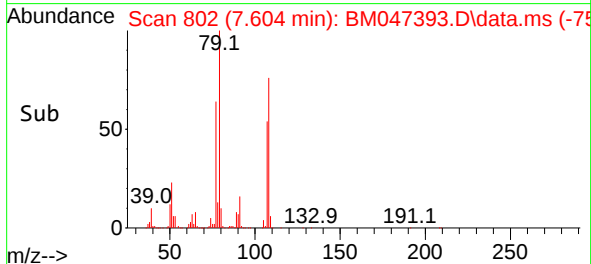
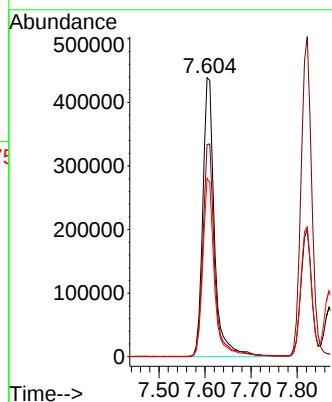
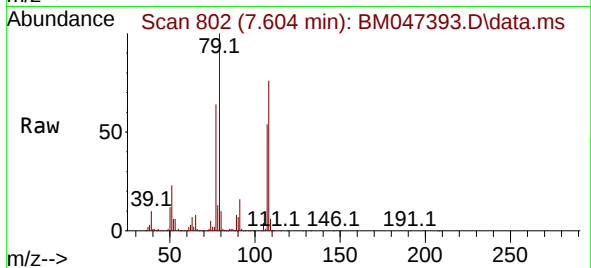




#15
Benzyl Alcohol
Concen: 52.122 ng
RT: 7.604 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

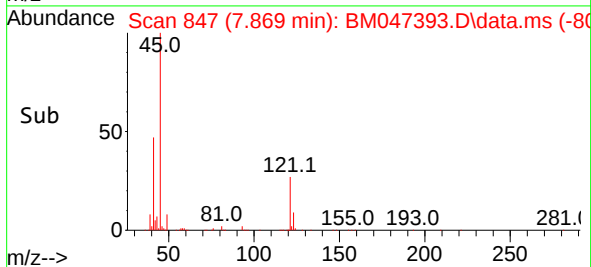
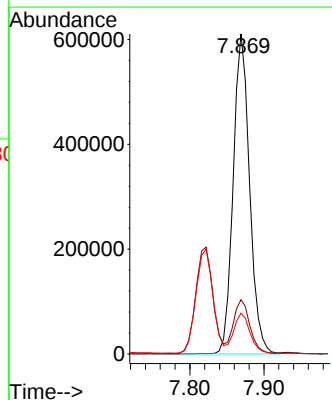
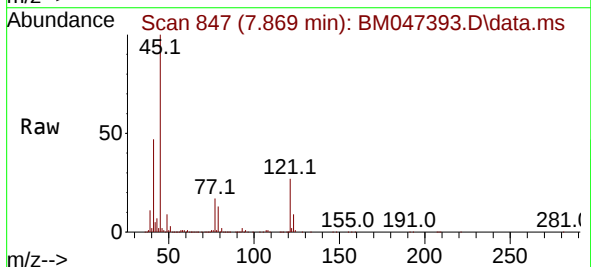
Instrument :
BNA_M
ClientSampleId :
PB163062BS

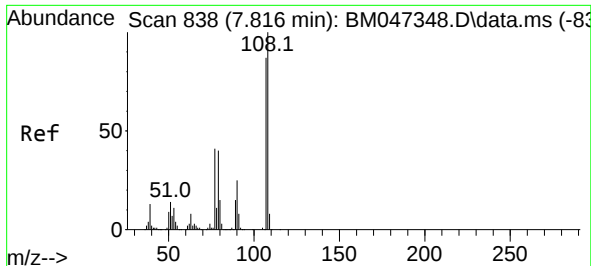
Tgt Ion: 79 Resp: 772919
Ion Ratio Lower Upper
79 100
108 76.1 61.1 91.7
77 63.9 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.892 ng
RT: 7.869 min Scan# 847
Delta R.T. -0.023 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

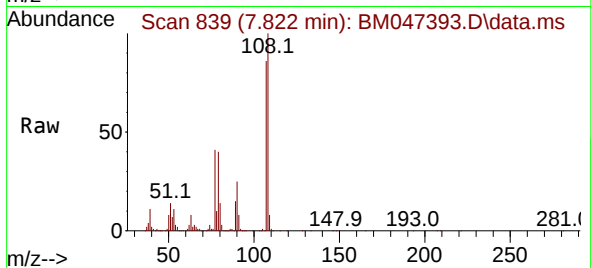
Tgt Ion: 45 Resp: 937911
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.7
79 12.7 0.0 33.0



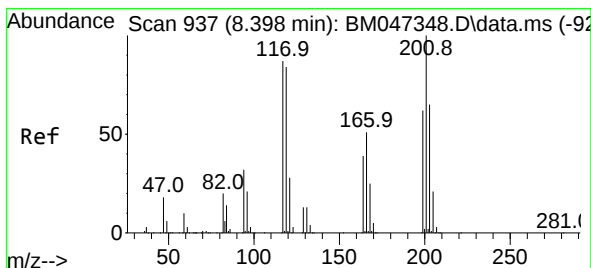
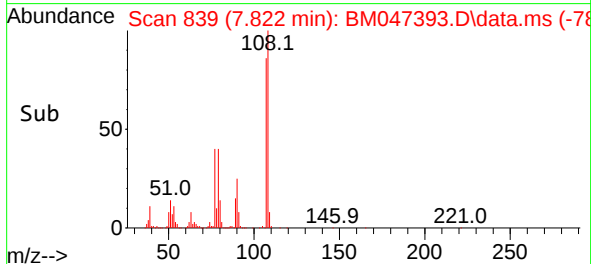
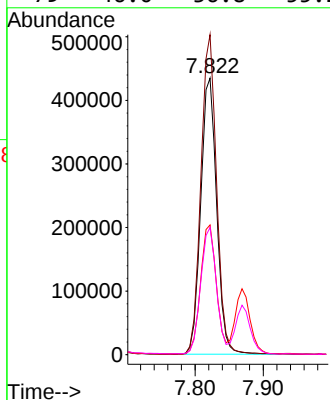


#17
2-Methylphenol
Concen: 48.287 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Instrument :
BNA_M
ClientSampleId :
PB163062BS

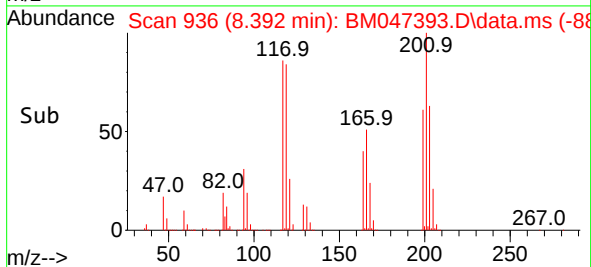
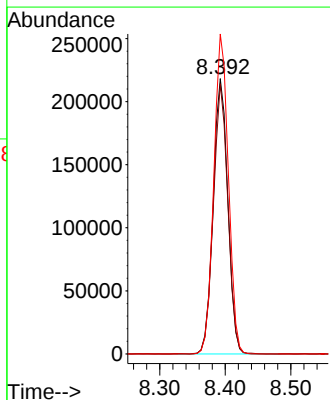
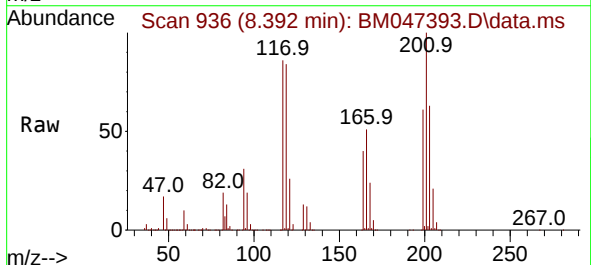


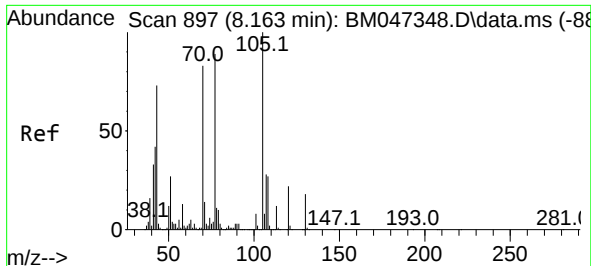
Tgt Ion:	107	Resp:	705992
Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.6	137.4
77	46.9	38.0	57.0
79	46.0	36.8	55.2



#18
Hexachloroethane
Concen: 41.667 ng
RT: 8.392 min Scan# 936
Delta R.T. -0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:	117	Resp:	339003
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.8	116.8
201	116.2	92.3	138.5



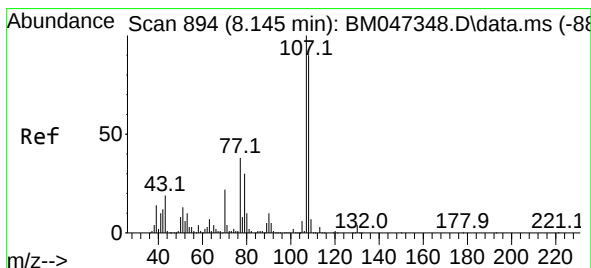
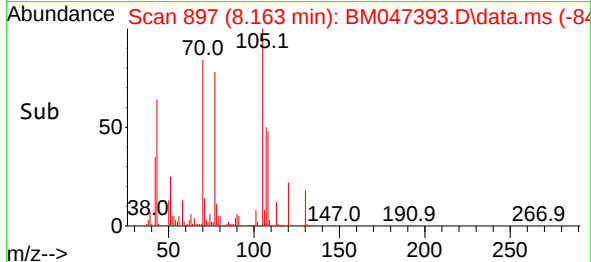
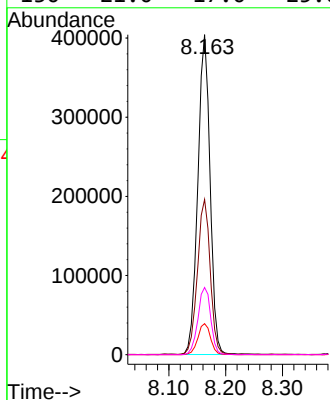
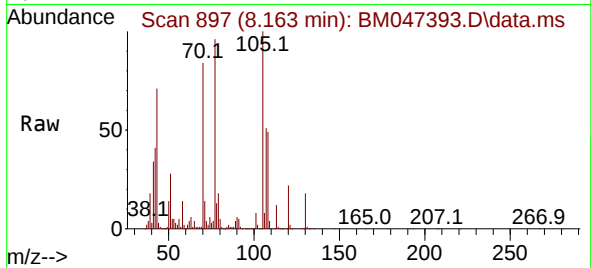


#19
n-Nitroso-di-n-propylamine
Concen: 41.214 ng
RT: 8.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Instrument :
BNA_M
ClientSampleId :
PB163062BS

Tgt Ion: 70 Resp: 605980

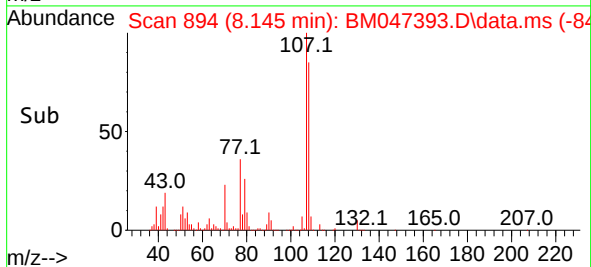
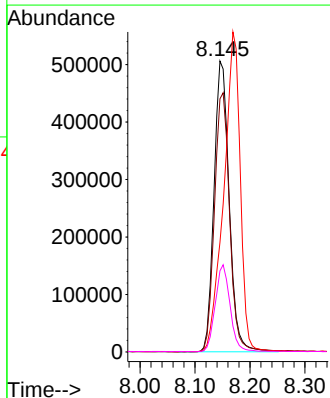
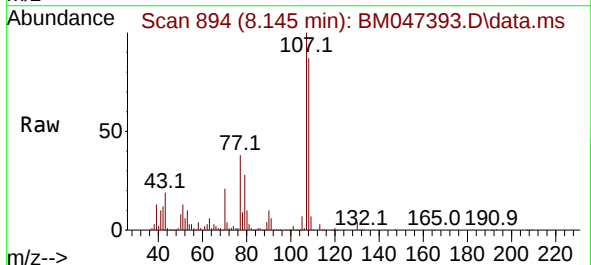
Ion	Ratio	Lower	Upper
70	100		
42	48.5	41.0	61.4
101	9.7	7.9	11.9
130	21.0	17.0	25.6

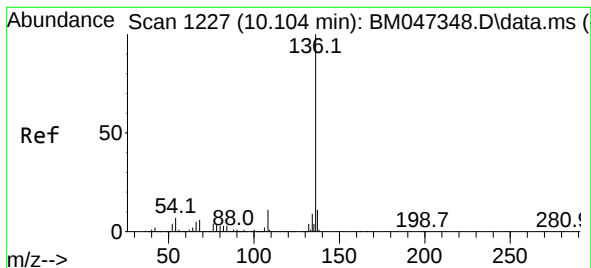


#20
3+4-Methylphenols
Concen: 47.677 ng
RT: 8.145 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion: 107 Resp: 969201

Ion	Ratio	Lower	Upper
107	100		
108	87.0	69.8	109.8
77	37.7	18.0	58.0
79	27.9	9.8	49.8

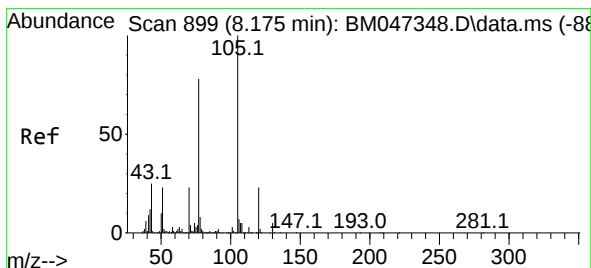
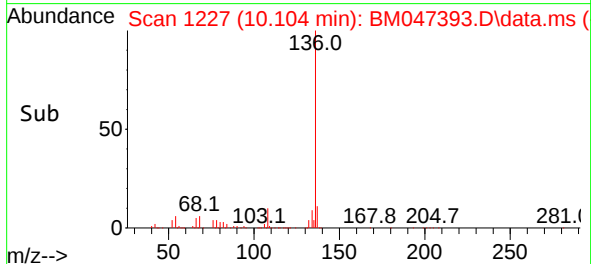
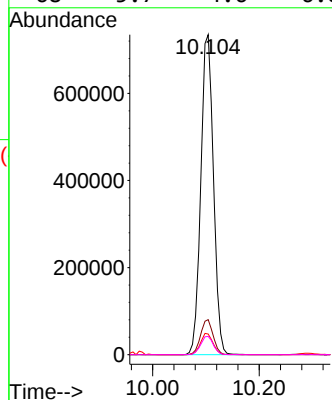
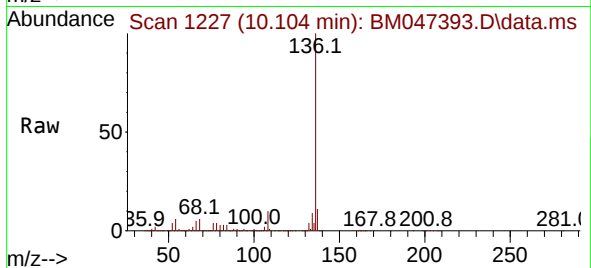




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

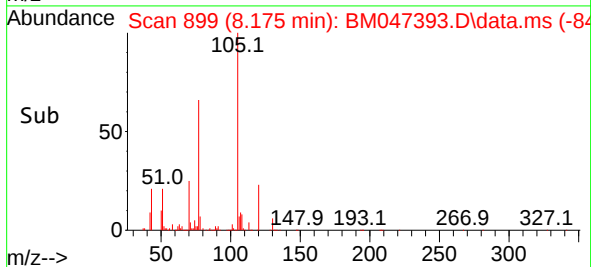
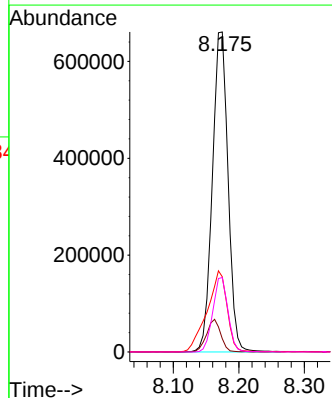
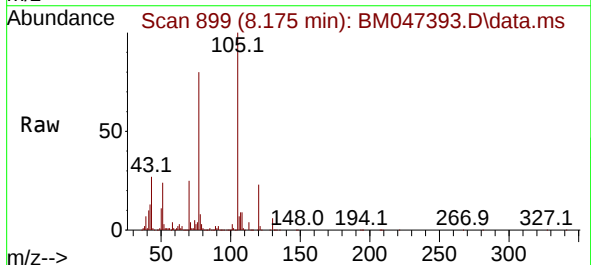
Instrument :
BNA_M
ClientSampleId :
PB163062BS

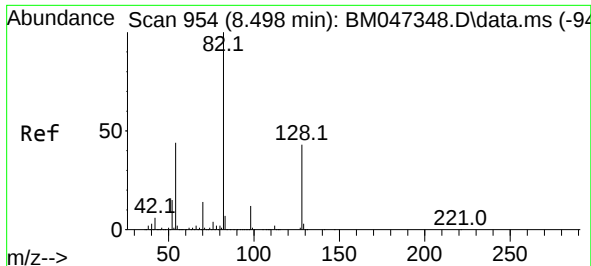
Tgt Ion:136 Resp: 1209419
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.2 7.8
68 5.7 4.6 6.8



#22
Acetophenone
Concen: 39.174 ng
RT: 8.175 min Scan# 899
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:105 Resp: 1099546
Ion Ratio Lower Upper
105 100
71 4.2 3.1 4.7
51 23.5 18.7 28.1
120 23.3 18.4 27.6

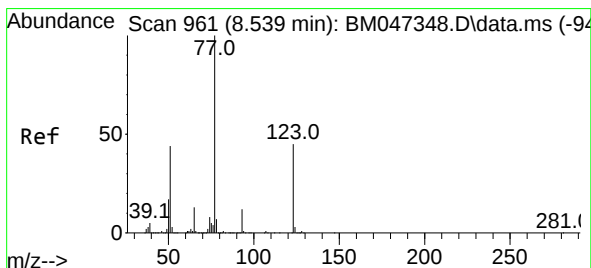
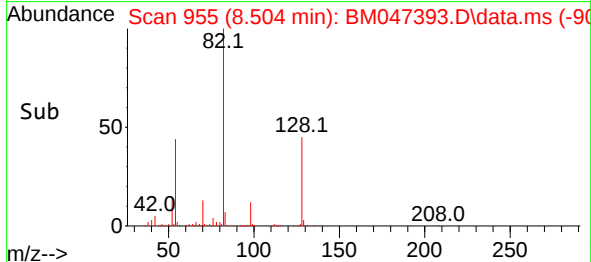
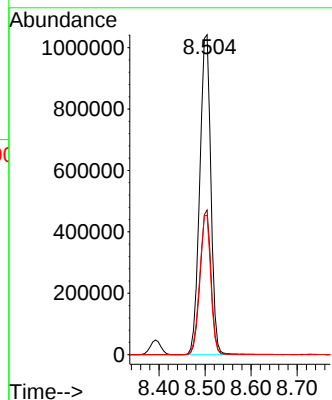
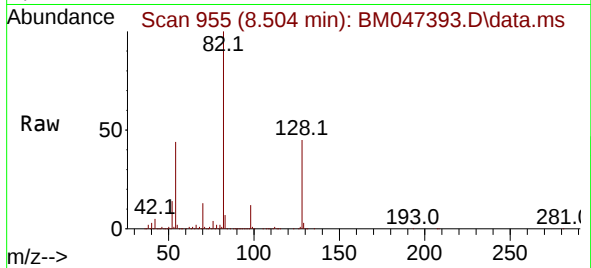




#23
Nitrobenzene-d5
Concen: 80.322 ng
RT: 8.504 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

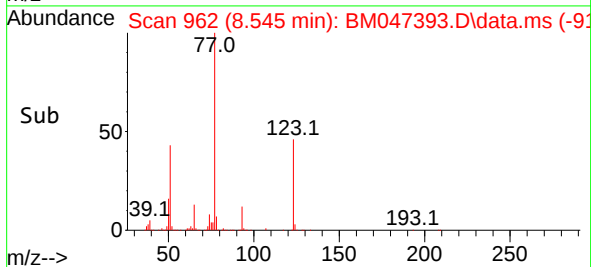
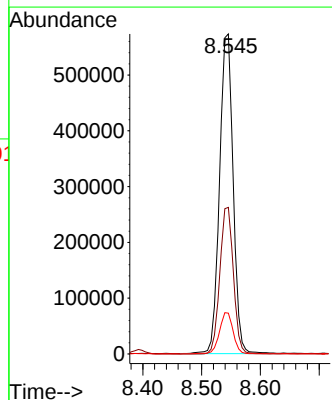
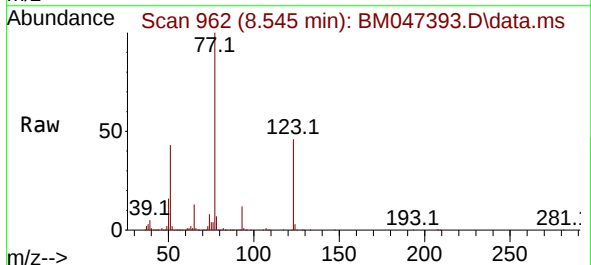
Instrument :
BNA_M
ClientSampleId :
PB163062BS

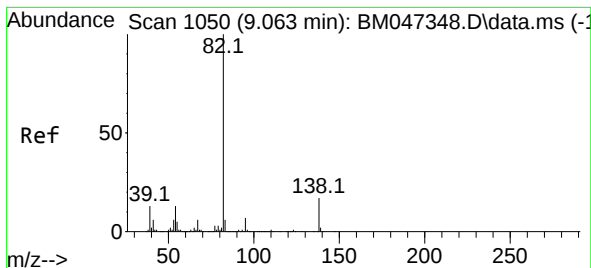
Tgt Ion: 82 Resp: 1750771
Ion Ratio Lower Upper
82 100
128 45.2 34.6 51.8
54 43.5 35.5 53.3



#24
Nitrobenzene
Concen: 41.067 ng
RT: 8.545 min Scan# 962
Delta R.T. 0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion: 77 Resp: 920620
Ion Ratio Lower Upper
77 100
123 45.8 35.6 53.4
65 12.7 10.5 15.7





#25

Isophorone

Concen: 42.873 ng

RT: 9.069 min Scan# 1050

Delta R.T. 0.006 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

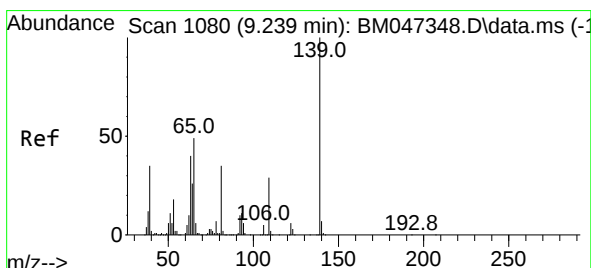
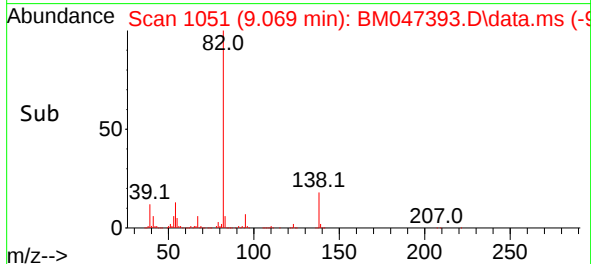
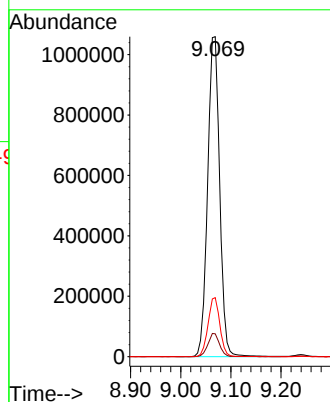
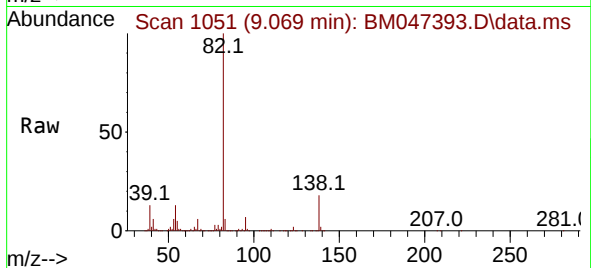
BNA_M

ClientSampleId :

PB163062BS

Tgt Ion: 82 Resp: 1766229

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	18.5	13.9	20.9



#26

2-Nitrophenol

Concen: 47.254 ng

RT: 9.239 min Scan# 1080

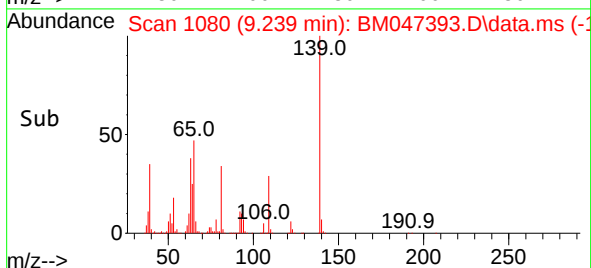
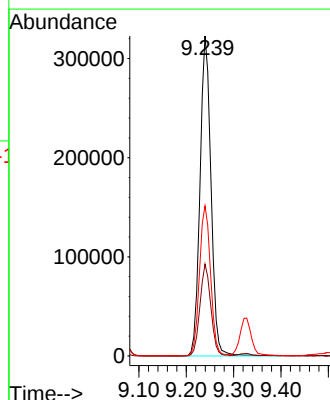
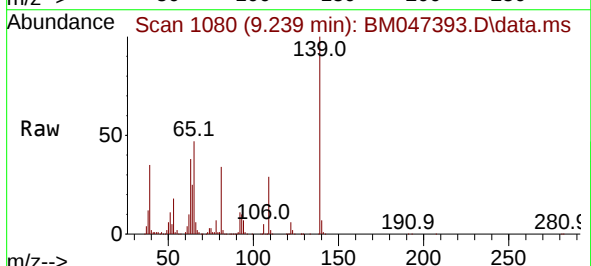
Delta R.T. 0.000 min

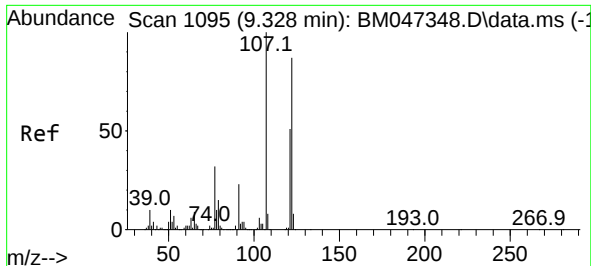
Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Tgt Ion:139 Resp: 521062

Ion	Ratio	Lower	Upper
139	100		
109	28.7	23.4	35.0
65	46.9	39.6	59.4

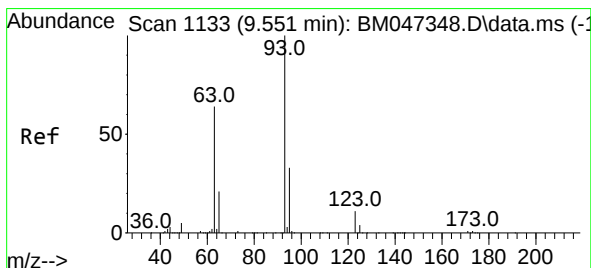
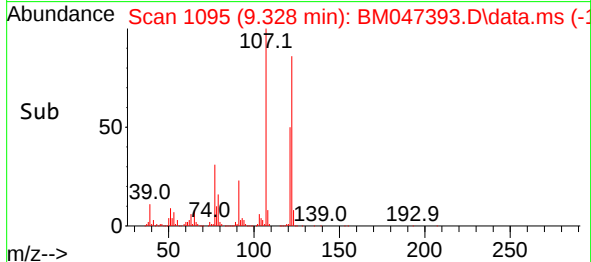
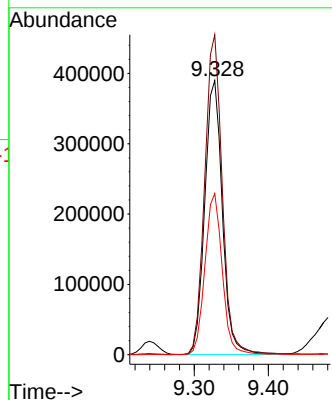
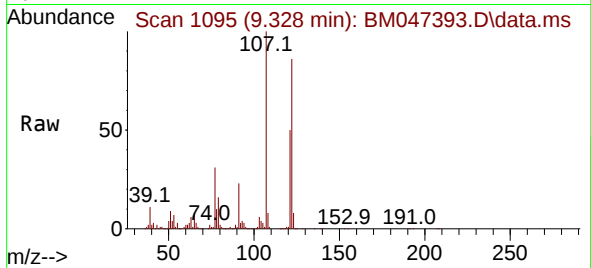




#27
2,4-Dimethylphenol
Concen: 51.835 ng
RT: 9.328 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

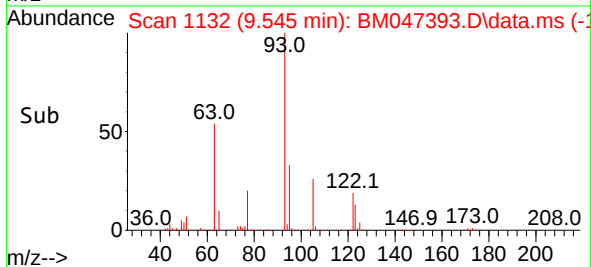
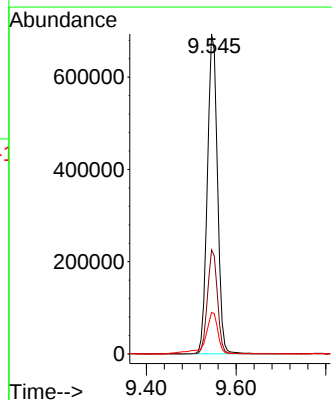
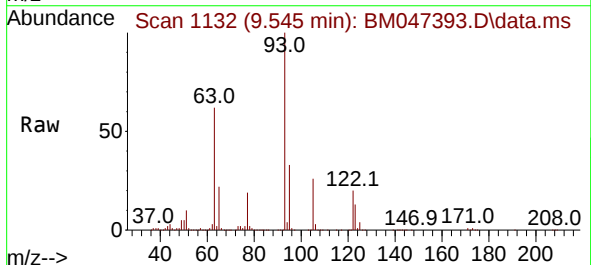
Instrument :
BNA_M
ClientSampleId :
PB163062BS

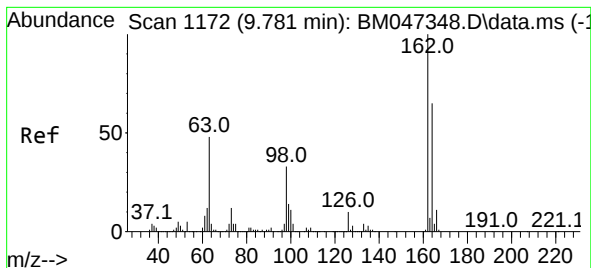
Tgt Ion:122 Resp: 645182
Ion Ratio Lower Upper
122 100
107 116.7 91.9 137.9
121 58.8 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.996 ng
RT: 9.545 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion: 93 Resp: 1084670
Ion Ratio Lower Upper
93 100
95 32.5 26.6 39.8
123 13.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 50.443 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

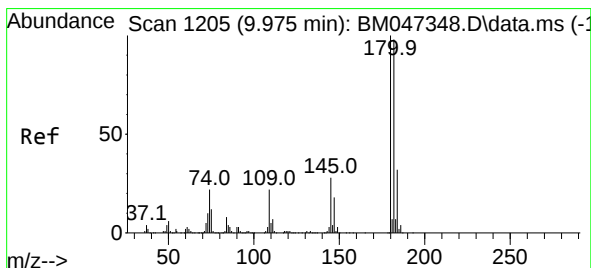
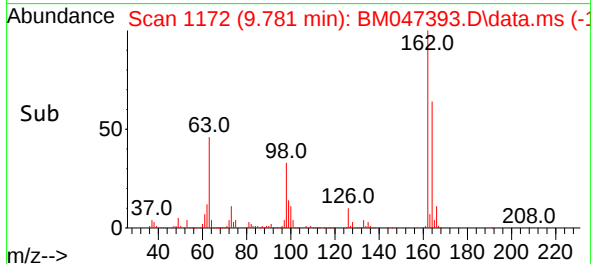
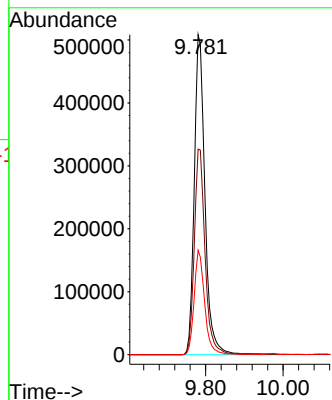
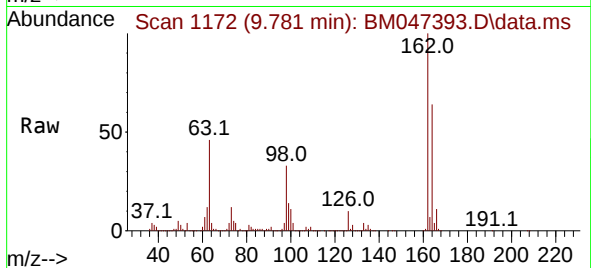
Tgt Ion:162 Resp: 973952

Ion Ratio Lower Upper

162 100

164 64.3 44.6 84.6

98 32.6 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 41.926 ng

RT: 9.975 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

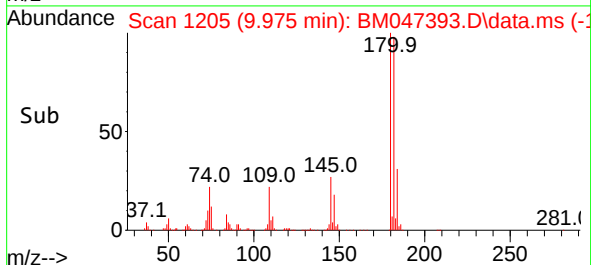
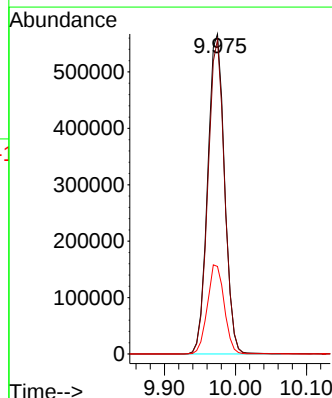
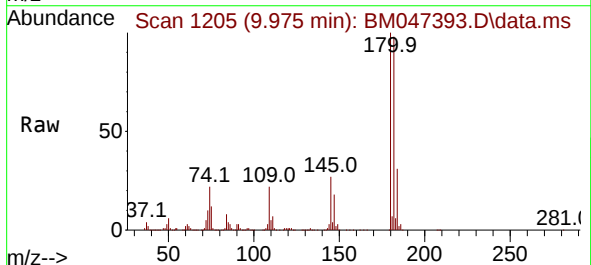
Tgt Ion:180 Resp: 935002

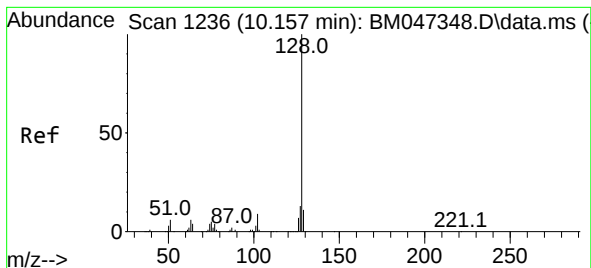
Ion Ratio Lower Upper

180 100

182 98.2 78.2 117.2

145 27.3 22.3 33.5





#31

Naphthalene

Concen: 42.032 ng

RT: 10.151 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

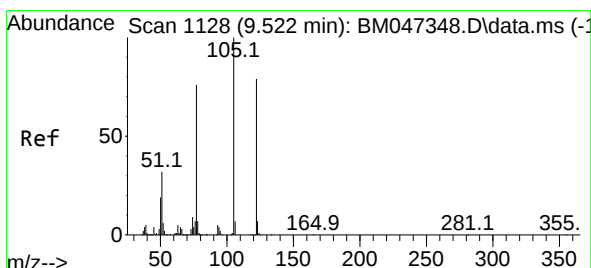
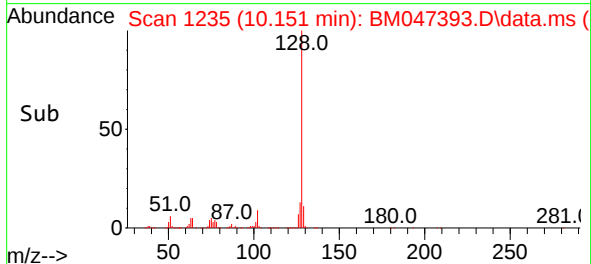
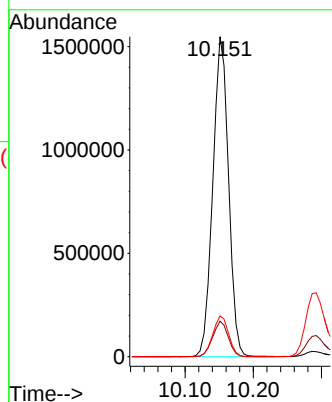
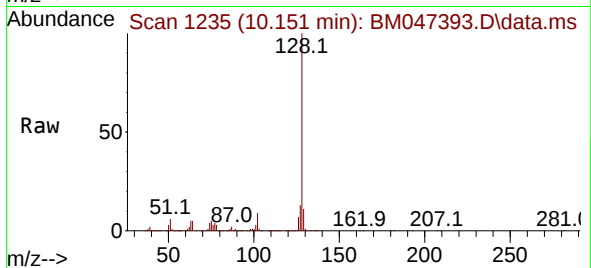
Tgt Ion:128 Resp: 2482850

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 12.8 10.4 15.6



#32

Benzoic acid

Concen: 44.201 ng

RT: 9.557 min Scan# 1134

Delta R.T. 0.035 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

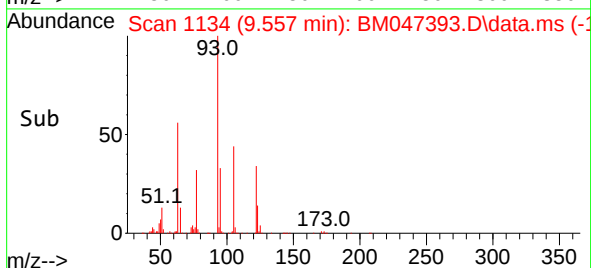
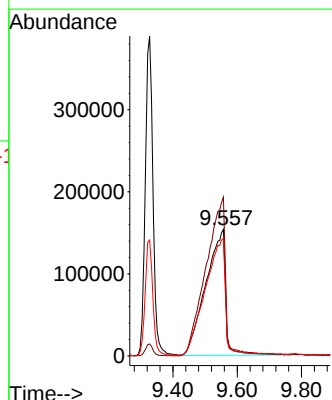
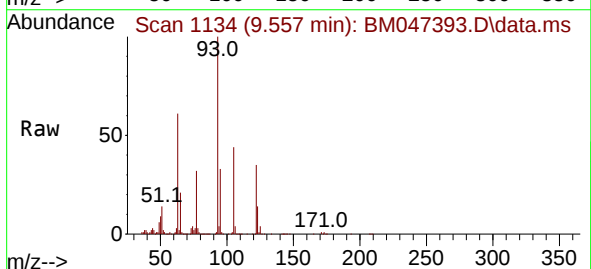
Tgt Ion:122 Resp: 656940

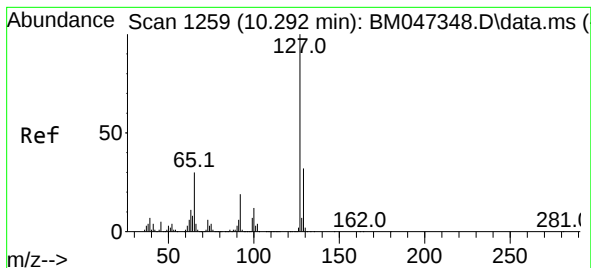
Ion Ratio Lower Upper

122 100

105 125.6 106.0 146.0

77 92.8 76.3 116.3

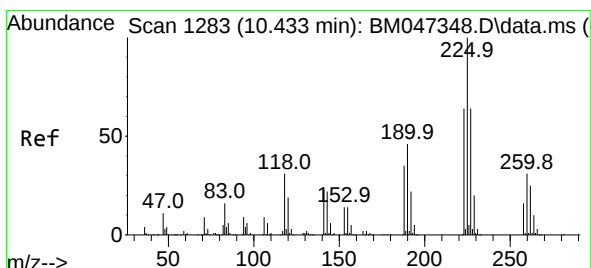
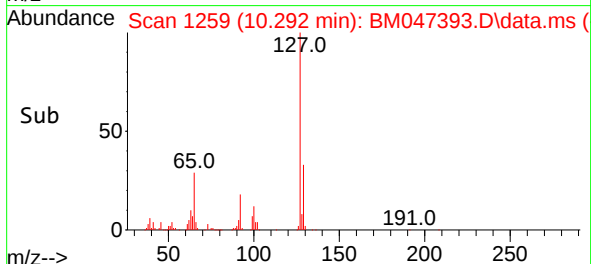
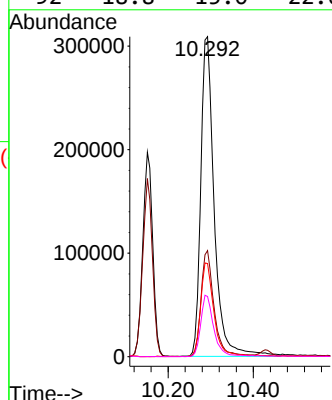
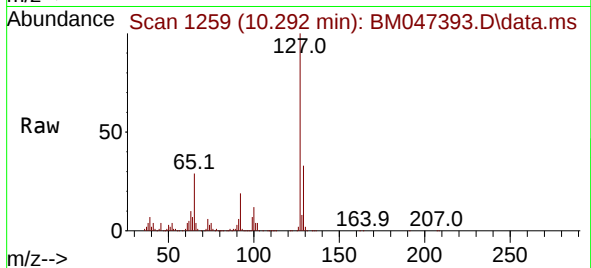




#33
4-Chloroaniline
Concen: 30.954 ng
RT: 10.292 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

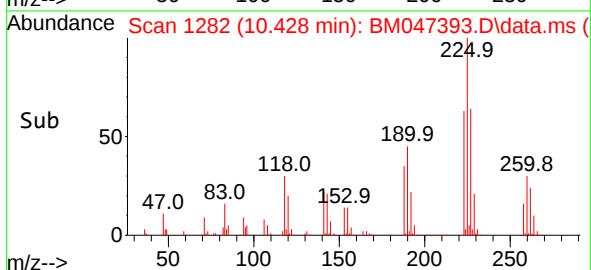
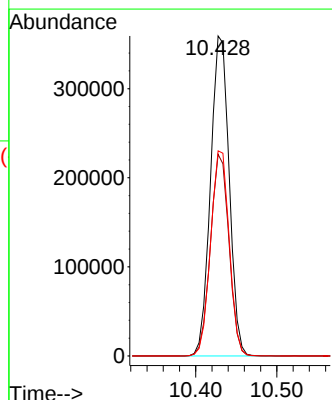
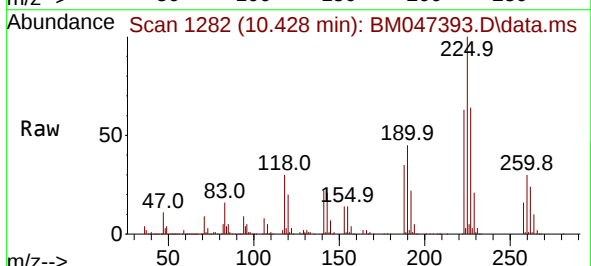
Instrument :
BNA_M
ClientSampleId :
PB163062BS

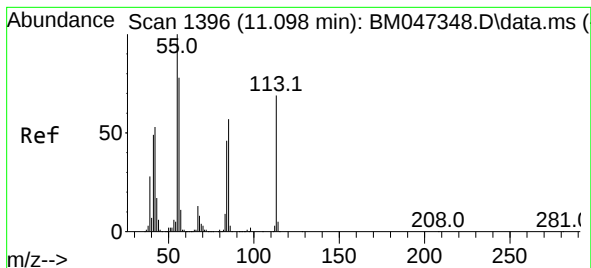
Tgt Ion:	127	Resp:	679874
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.8
65	29.1	24.2	36.2
92	18.8	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.055 ng
RT: 10.428 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:	225	Resp:	571811
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.1	76.7
227	64.1	51.0	76.6

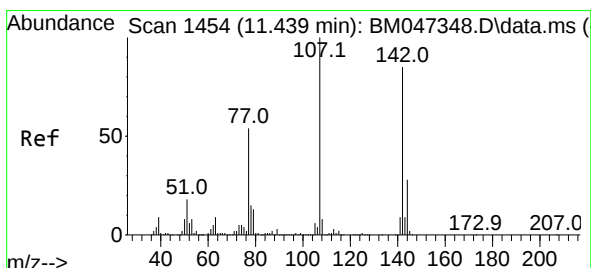
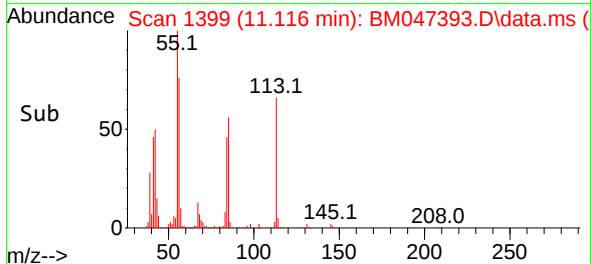
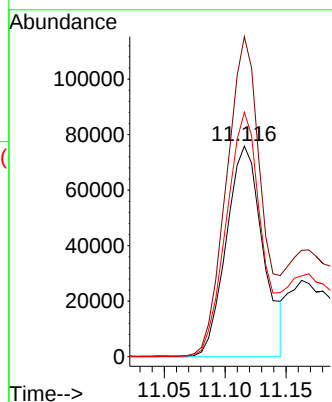
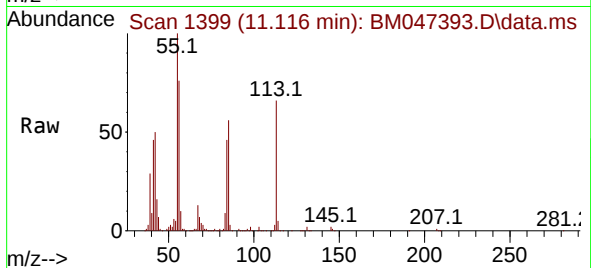




#35
Caprolactam
Concen: 25.338 ng
RT: 11.116 min Scan# 1116
Delta R.T. 0.018 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

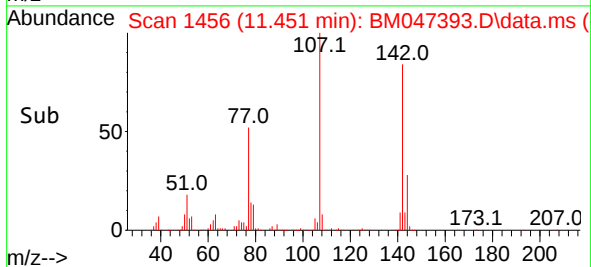
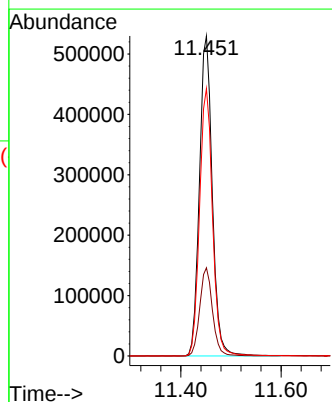
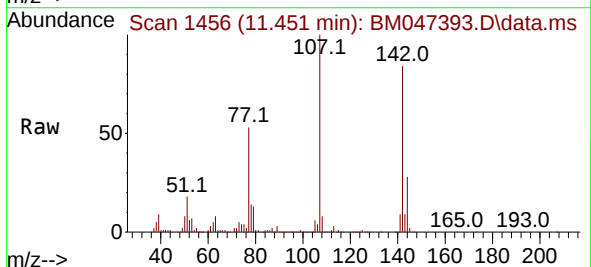
Instrument :
BNA_M
ClientSampleId :
PB163062BS

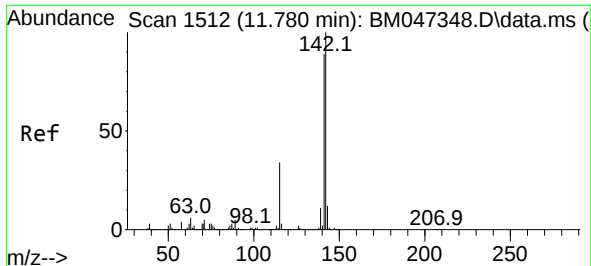
Tgt Ion:113 Resp: 158479
Ion Ratio Lower Upper
113 100
55 152.0 126.2 166.2
56 116.2 93.2 133.2



#36
4-Chloro-3-methylphenol
Concen: 47.871 ng
RT: 11.451 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:107 Resp: 938624
Ion Ratio Lower Upper
107 100
144 27.6 22.2 33.4
142 83.5 67.7 101.5

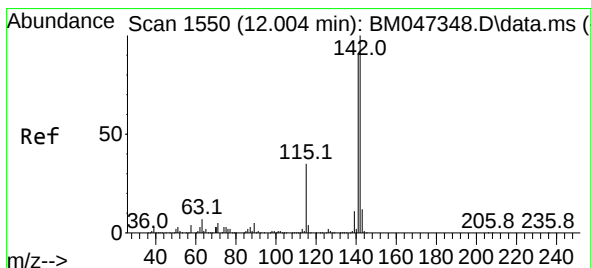
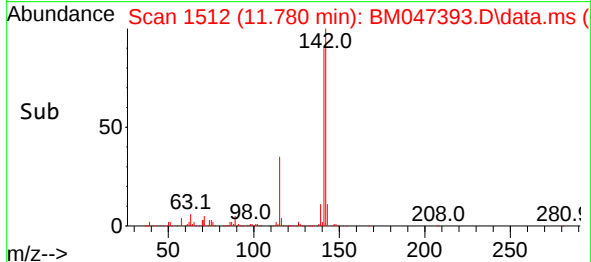
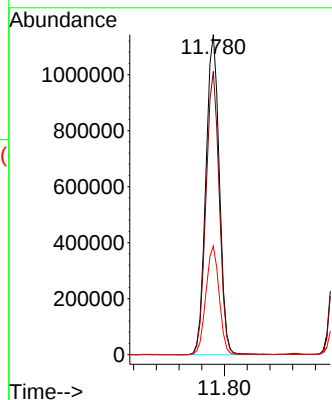
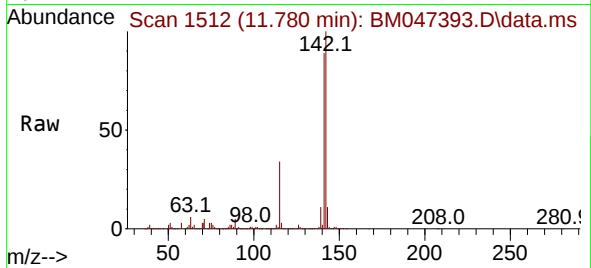




#37
2-Methylnaphthalene
Concen: 43.392 ng
RT: 11.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

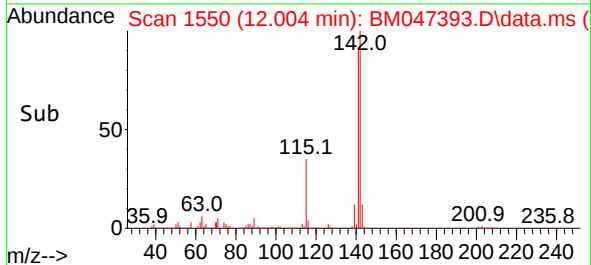
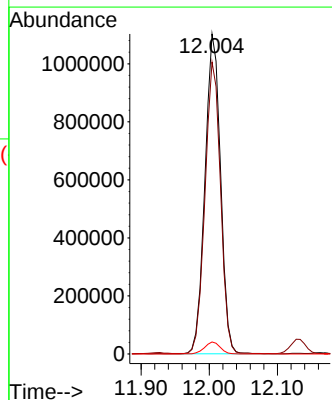
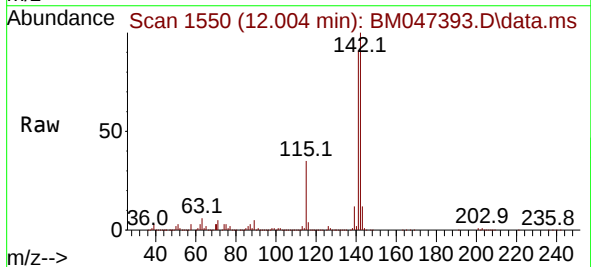
Instrument :
BNA_M
ClientSampleId :
PB163062BS

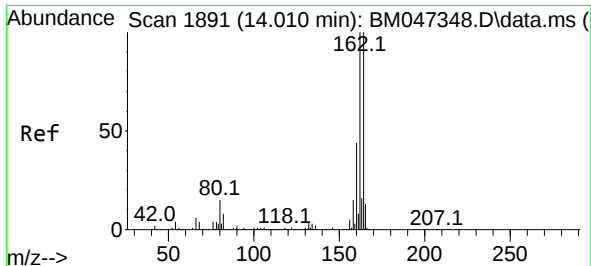
Tgt Ion:142 Resp: 1868887
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 34.0 27.5 41.3



#38
1-Methylnaphthalene
Concen: 41.035 ng
RT: 12.004 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:142 Resp: 1747981
Ion Ratio Lower Upper
142 100
141 91.2 72.9 109.3
116 3.8 3.0 4.6

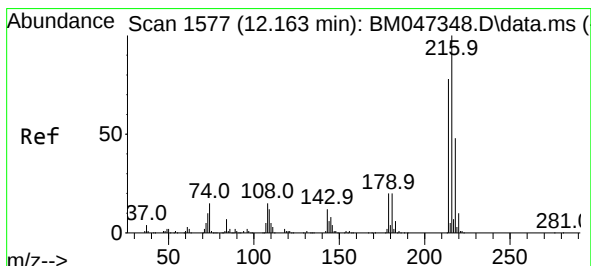
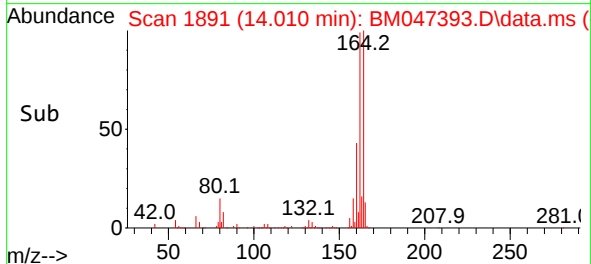
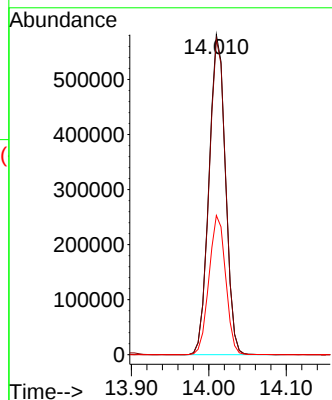
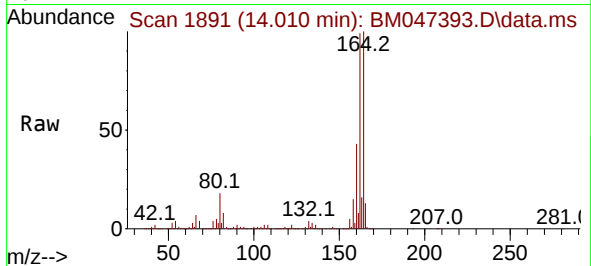




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

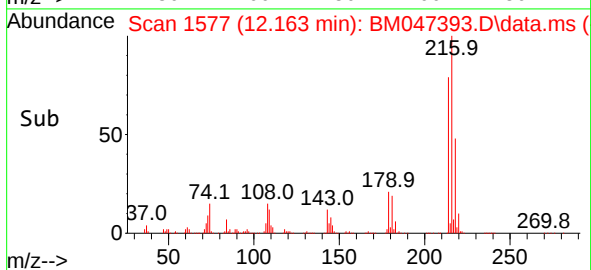
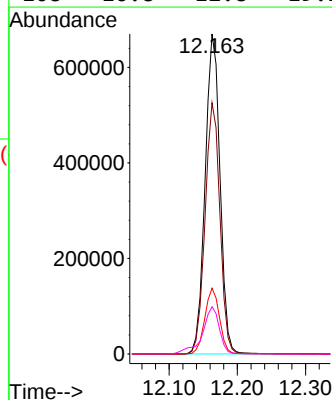
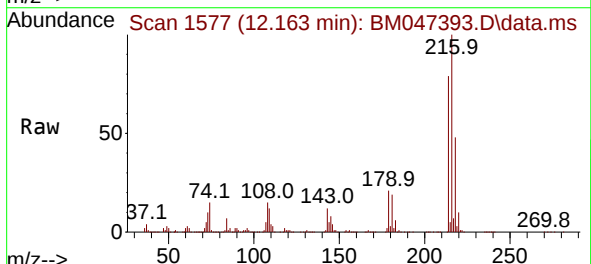
Instrument :
BNA_M
ClientSampleId :
PB163062BS

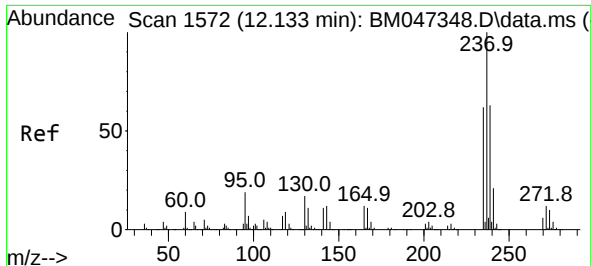
Tgt Ion:164 Resp: 856667
Ion Ratio Lower Upper
164 100
162 98.7 79.7 119.5
160 43.5 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.007 ng
RT: 12.163 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:216 Resp: 1014868
Ion Ratio Lower Upper
216 100
214 78.5 62.6 94.0
179 20.3 16.6 24.8
108 16.8 12.8 19.2

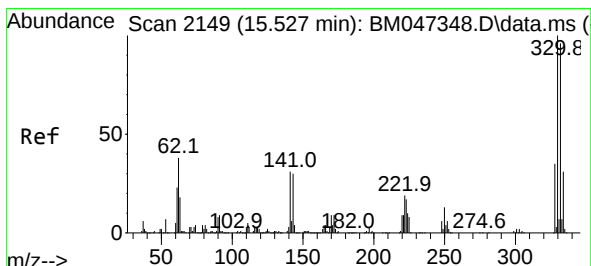
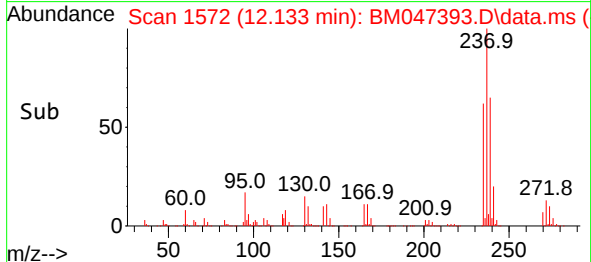
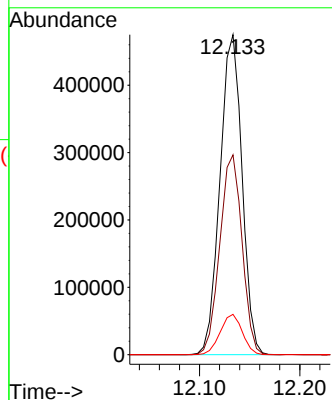
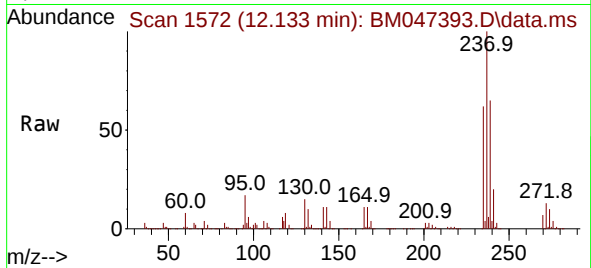




#41
Hexachlorocyclopentadiene
Concen: 90.633 ng
RT: 12.133 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

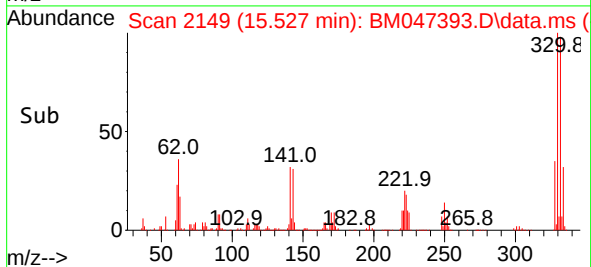
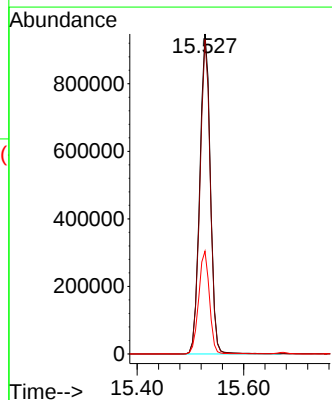
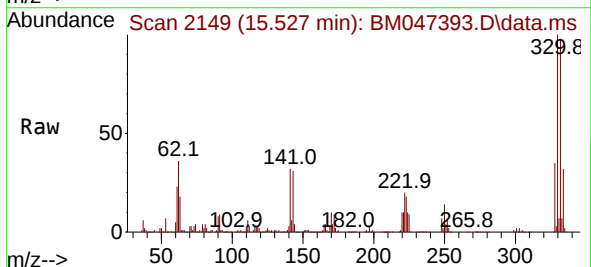
Instrument :
BNA_M
ClientSampleId :
PB163062BS

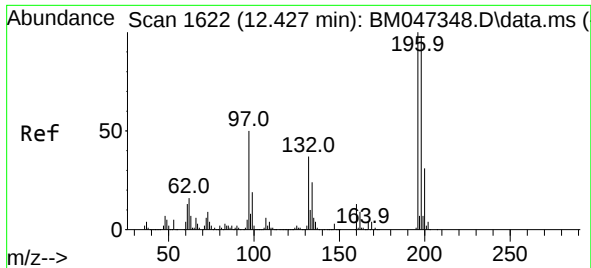
Tgt Ion:237 Resp: 725621
Ion Ratio Lower Upper
237 100
235 62.4 42.1 82.1
272 12.6 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 126.526 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:330 Resp: 1307720
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 32.7 27.6 41.4

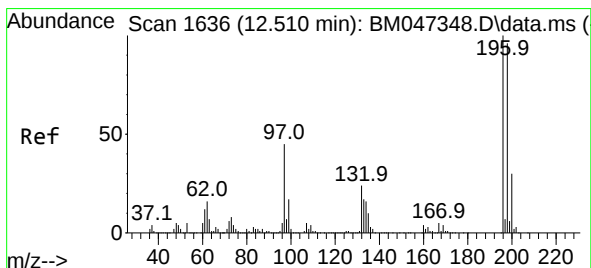
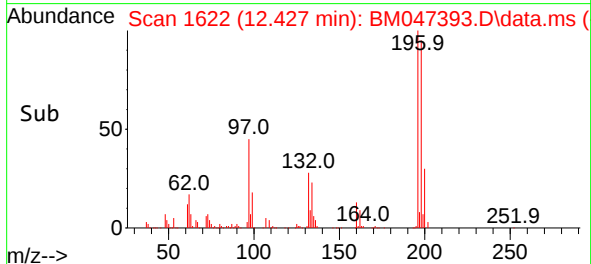
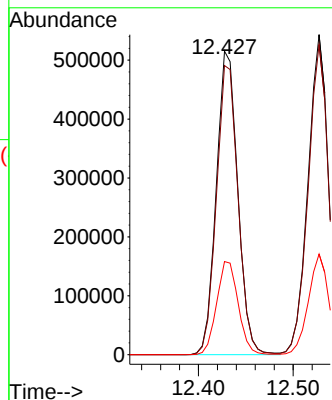
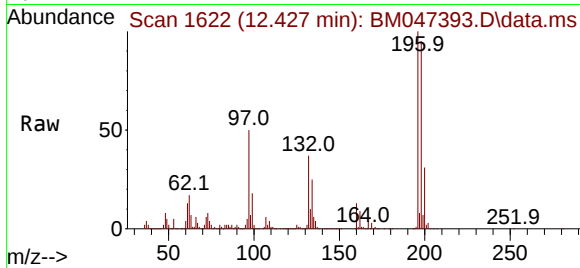




#43
2,4,6-Trichlorophenol
Concen: 46.804 ng
RT: 12.427 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

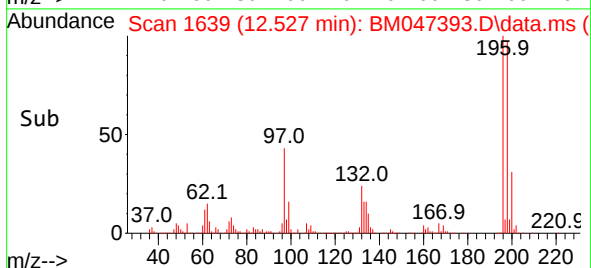
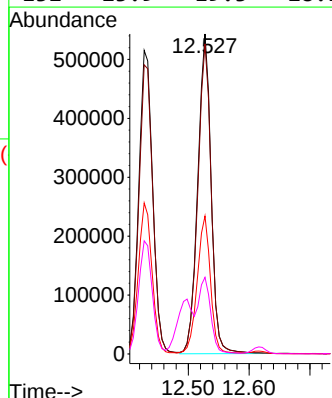
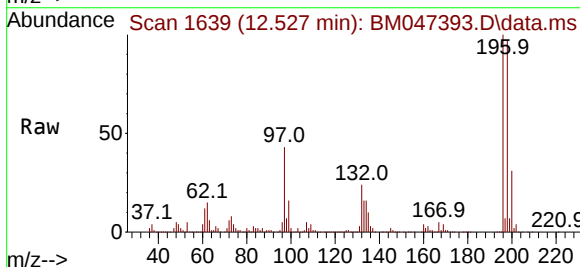
Instrument :
BNA_M
ClientSampleId :
PB163062BS

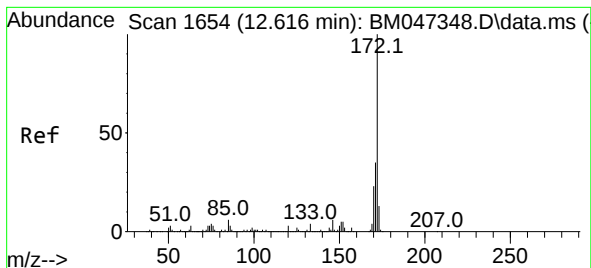
Tgt Ion:196 Resp: 813907
Ion Ratio Lower Upper
196 100
198 95.3 78.2 117.2
200 30.7 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 42.900 ng
RT: 12.527 min Scan# 1639
Delta R.T. 0.018 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:196 Resp: 828502
Ion Ratio Lower Upper
196 100
198 96.9 76.6 115.0
97 43.1 35.9 53.9
132 23.9 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 78.145 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

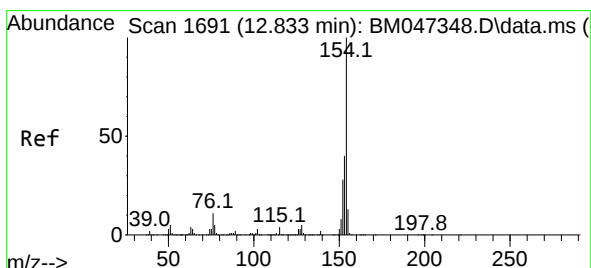
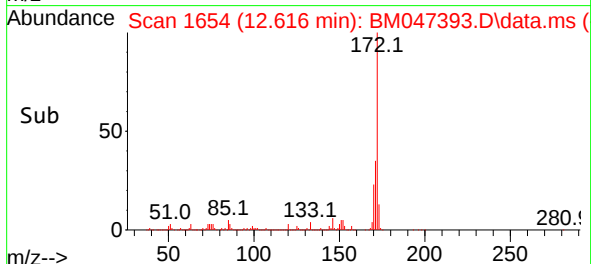
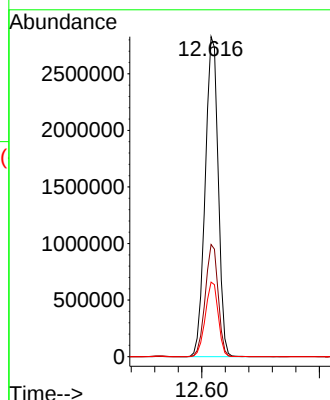
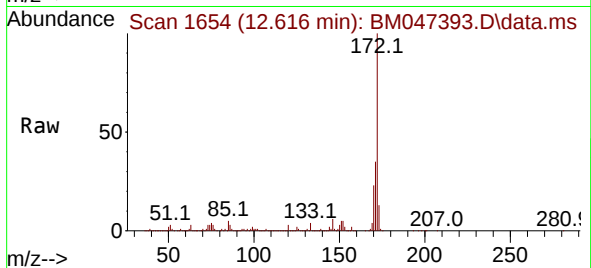
Tgt Ion:172 Resp: 4356943

Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 23.3 18.5 27.7



#46

1,1'-Biphenyl

Concen: 38.429 ng

RT: 12.827 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

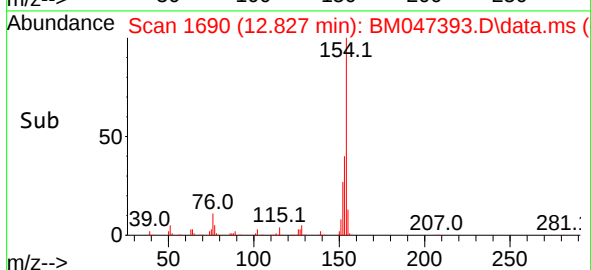
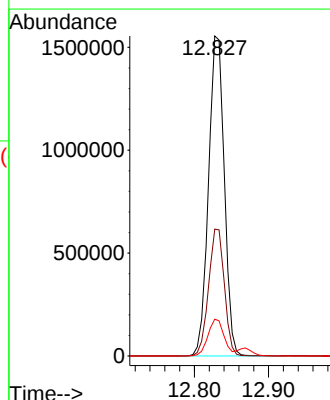
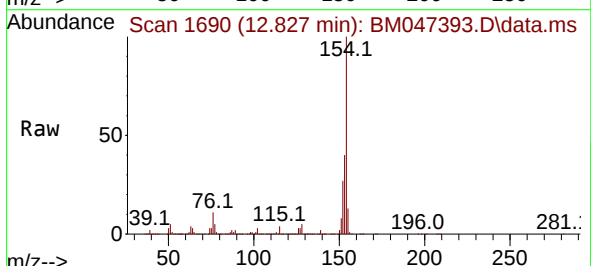
Tgt Ion:154 Resp: 2298720

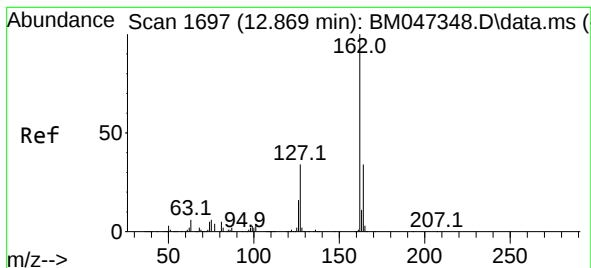
Ion Ratio Lower Upper

154 100

153 39.6 20.1 60.1

76 11.5 0.0 31.2





#47

2-Chloronaphthalene

Concen: 40.745 ng

RT: 12.869 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

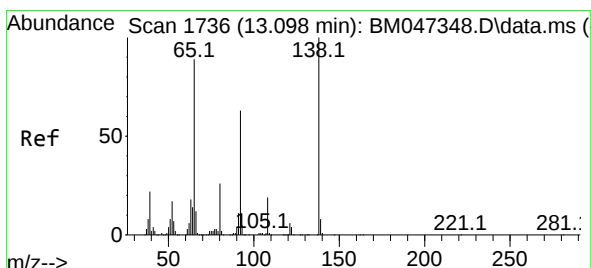
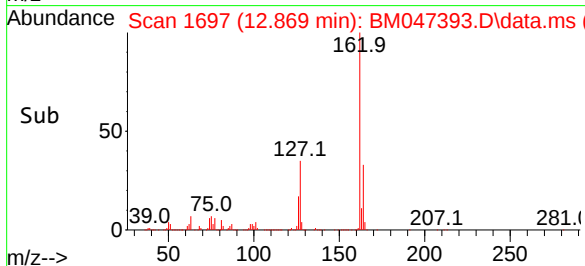
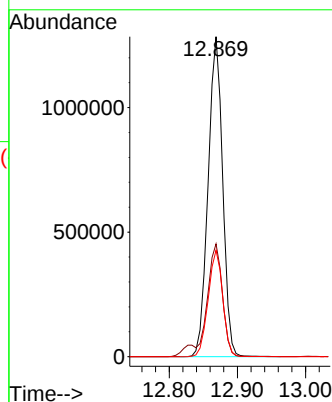
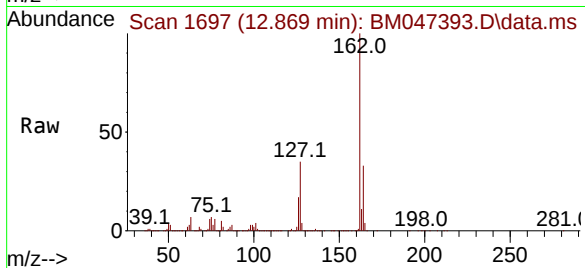
Tgt Ion:162 Resp: 1909970

Ion Ratio Lower Upper

162 100

127 35.3 28.3 42.5

164 33.2 27.0 40.4



#48

2-Nitroaniline

Concen: 45.949 ng

RT: 13.104 min Scan# 1737

Delta R.T. 0.006 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

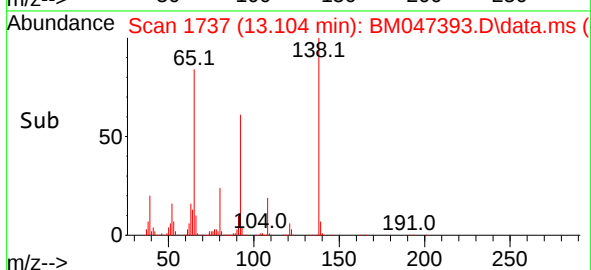
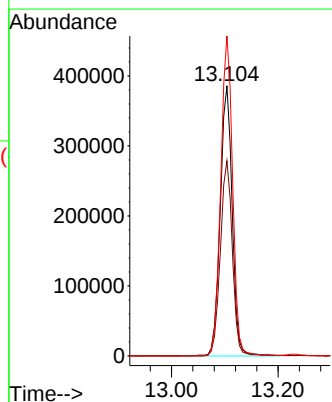
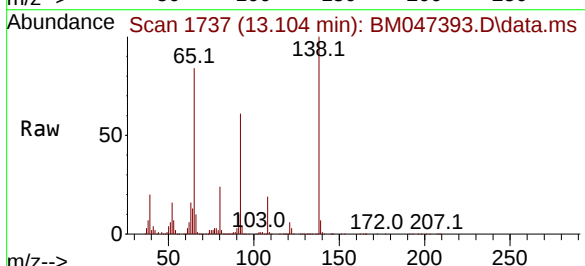
Tgt Ion: 65 Resp: 603335

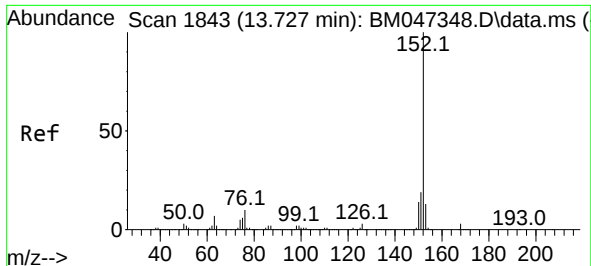
Ion Ratio Lower Upper

65 100

92 72.2 57.0 85.6

138 118.4 90.0 135.0

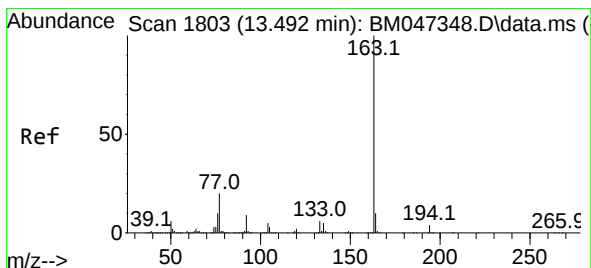
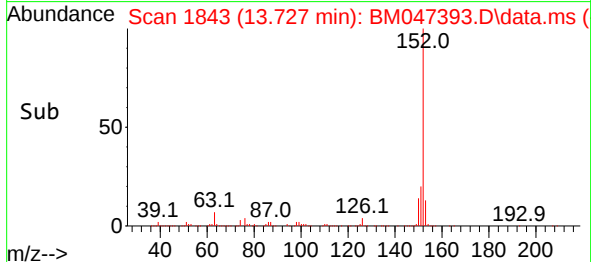
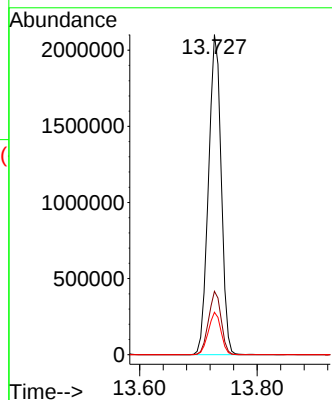
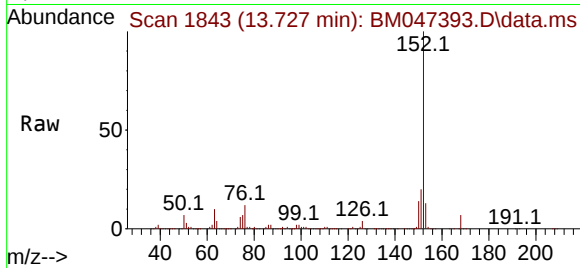




#49
Acenaphthylene
Concen: 46.075 ng
RT: 13.727 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

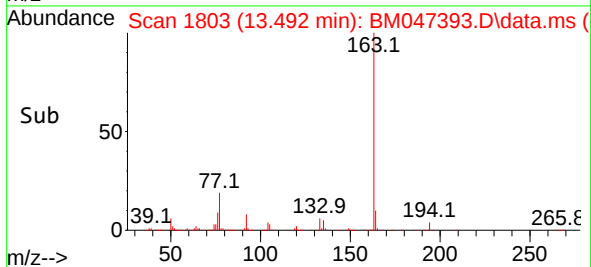
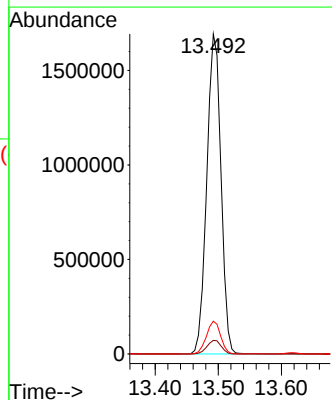
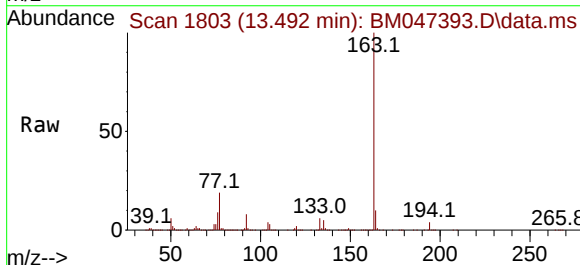
Instrument :
BNA_M
ClientSampleId :
PB163062BS

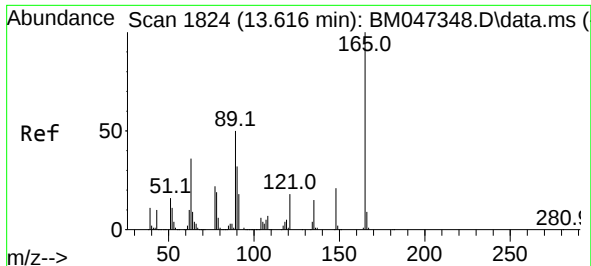
Tgt Ion:152 Resp: 3139002
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 44.730 ng
RT: 13.492 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:163 Resp: 2640288
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.2 12.4

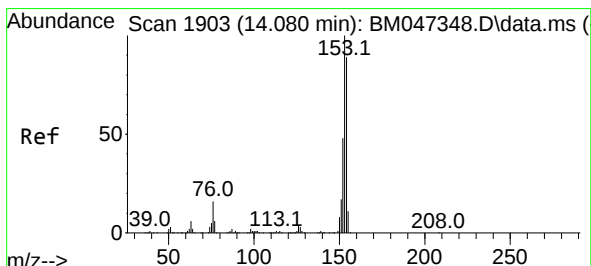
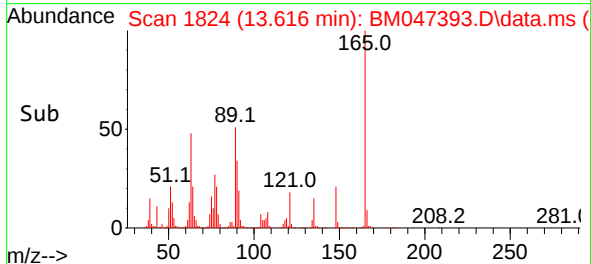
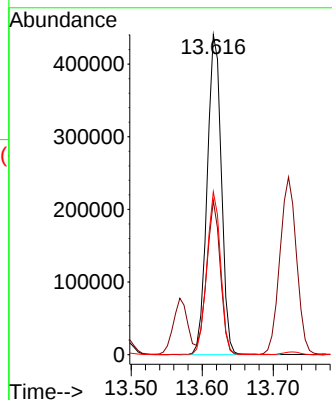
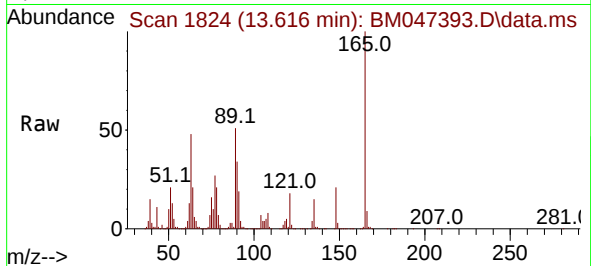




#51
2,6-Dinitrotoluene
Concen: 44.562 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

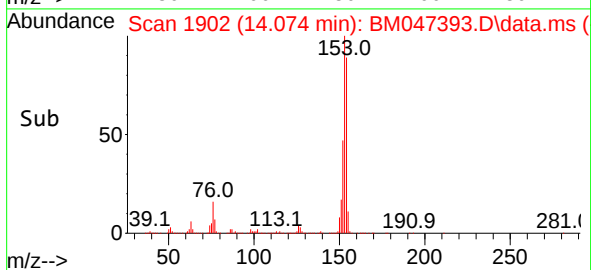
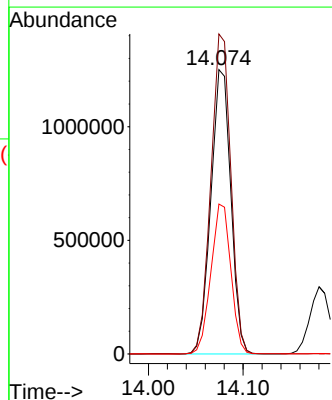
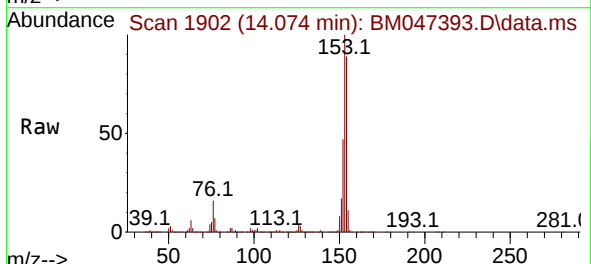
Instrument :
BNA_M
ClientSampleId :
PB163062BS

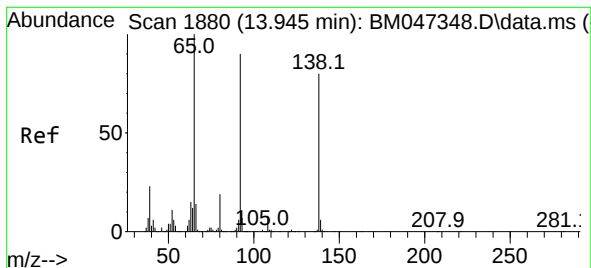
Tgt Ion:165 Resp: 612436
Ion Ratio Lower Upper
165 100
63 48.1 38.2 57.4
89 50.9 40.4 60.6



#52
Acenaphthene
Concen: 42.350 ng
RT: 14.074 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:154 Resp: 1831602
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 52.7 43.0 64.4

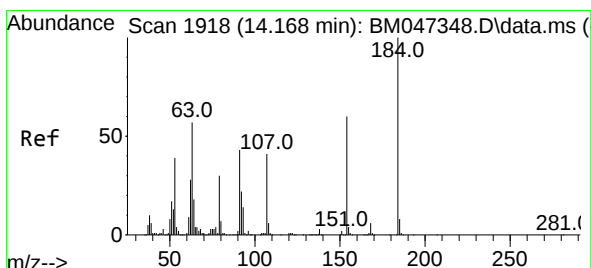
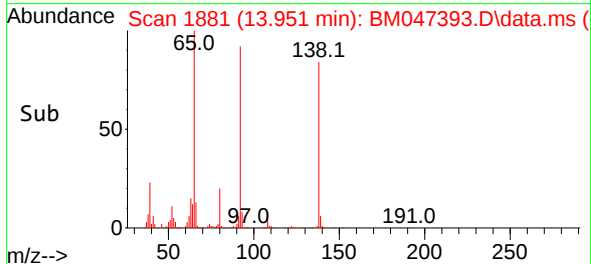
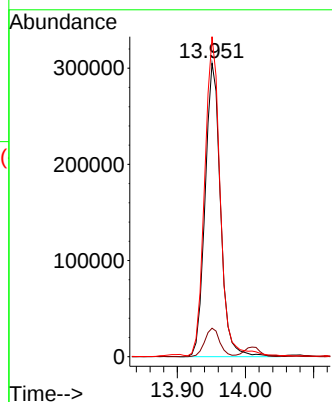
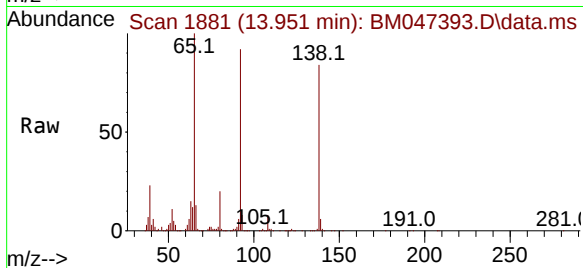




#53
3-Nitroaniline
Concen: 37.957 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

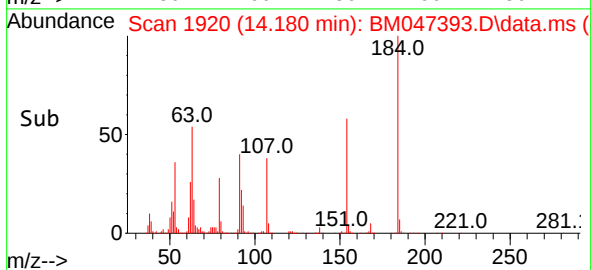
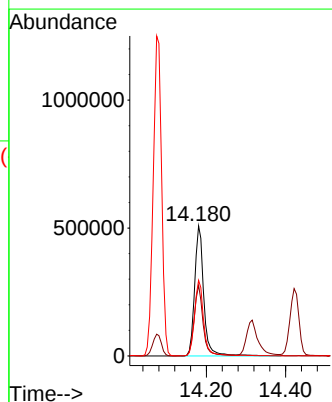
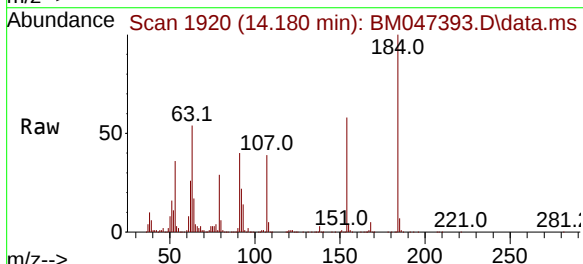
Instrument :
BNA_M
ClientSampleId :
PB163062BS

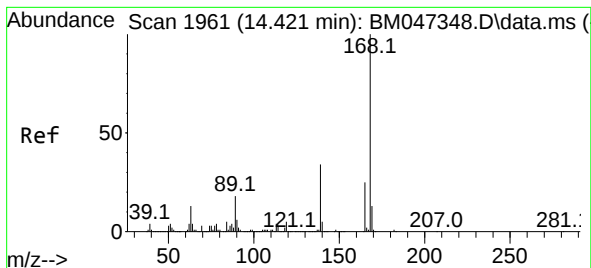
Tgt Ion:138 Resp: 481360
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 109.1 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 96.433 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.012 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:184 Resp: 816177
Ion Ratio Lower Upper
184 100
63 54.4 45.7 68.5
154 58.1 48.5 72.7





#55

Dibenzofuran

Concen: 43.588 ng

RT: 14.421 min Scan# 1961

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

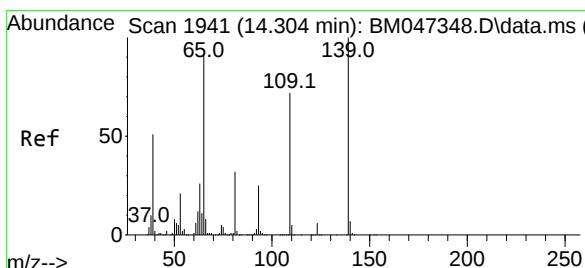
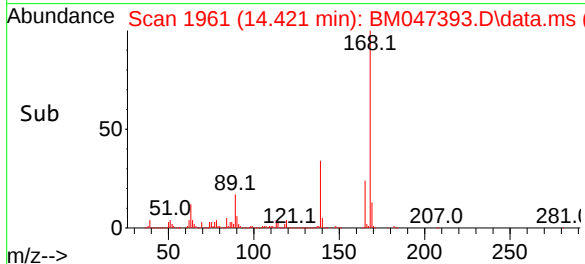
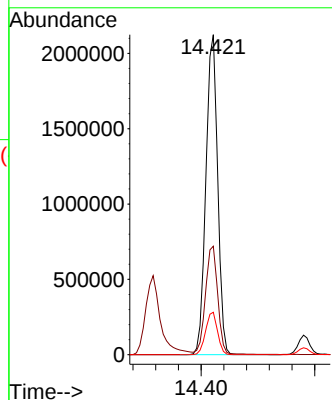
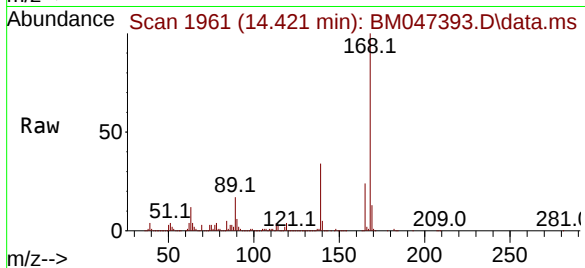
Tgt Ion:168 Resp: 3036465

Ion Ratio Lower Upper

168 100

139 33.9 27.5 41.3

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 96.578 ng

RT: 14.316 min Scan# 1943

Delta R.T. 0.012 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

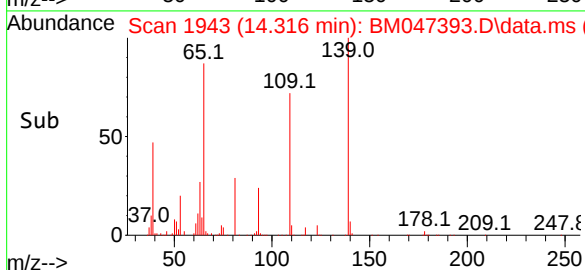
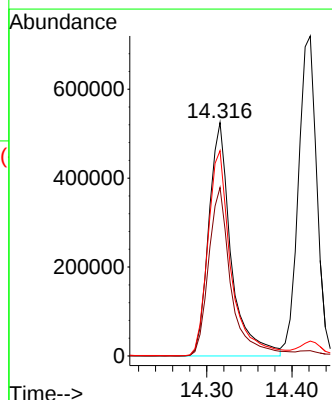
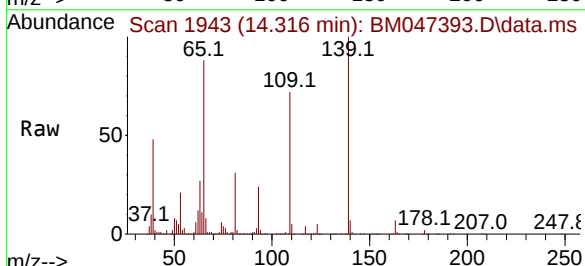
Tgt Ion:139 Resp: 957394

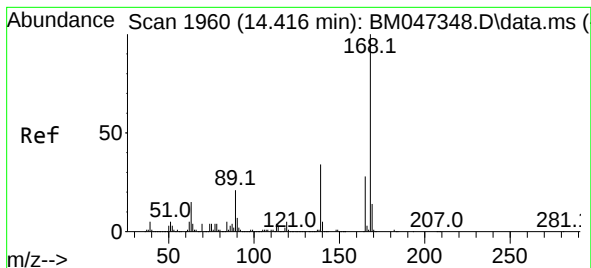
Ion Ratio Lower Upper

139 100

109 72.2 51.6 91.6

65 88.0 71.7 111.7

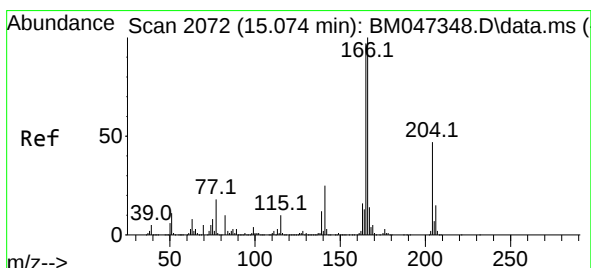
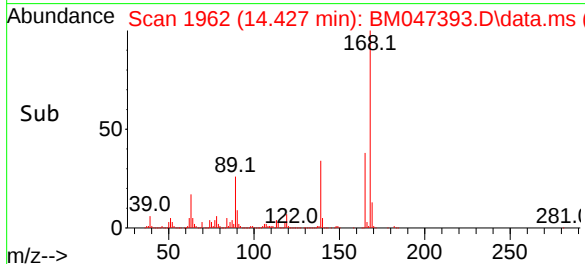
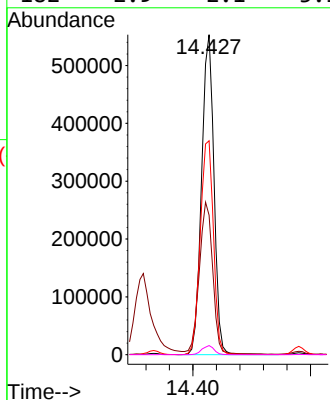
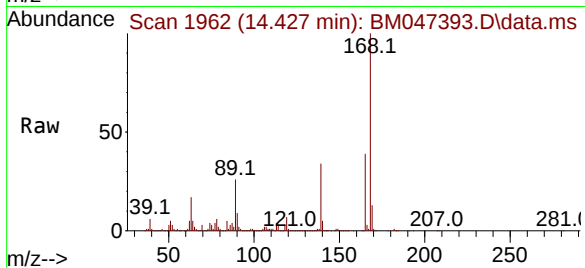




#57
2,4-Dinitrotoluene
Concen: 45.487 ng
RT: 14.427 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

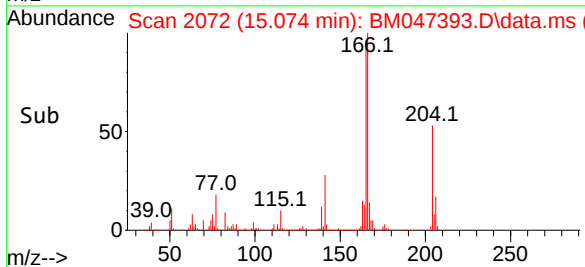
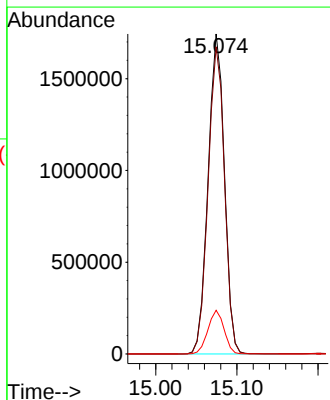
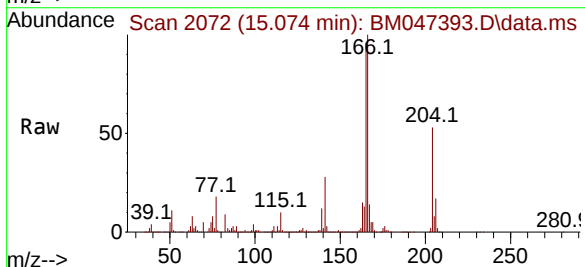
Instrument :
BNA_M
ClientSampleId :
PB163062BS

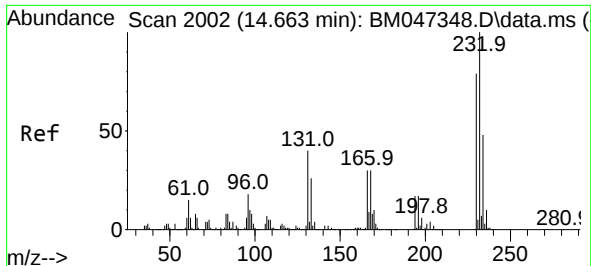
Tgt Ion:165 Resp: 809264
Ion Ratio Lower Upper
165 100
63 43.6 42.2 63.4
89 66.9 59.3 88.9
182 2.9 2.1 3.1



#58
Fluorene
Concen: 43.166 ng
RT: 15.074 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:166 Resp: 2433650
Ion Ratio Lower Upper
166 100
165 96.0 77.8 116.6
167 13.7 11.1 16.7

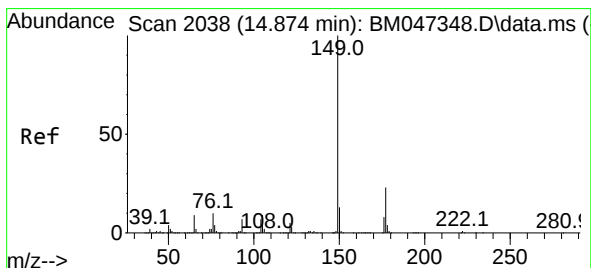
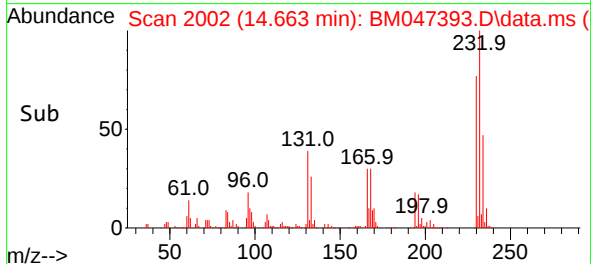
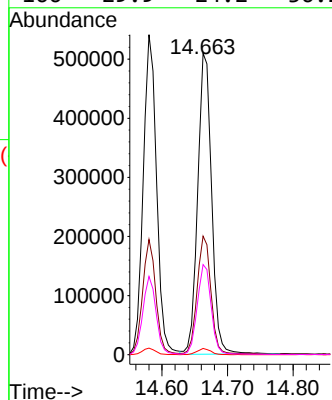
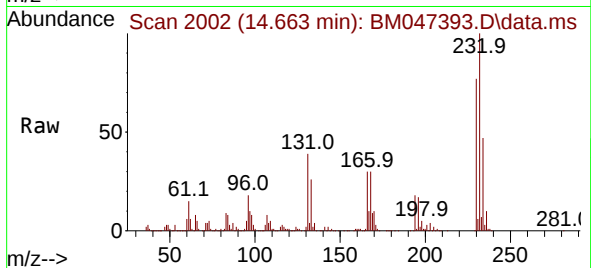




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.509 ng
RT: 14.663 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

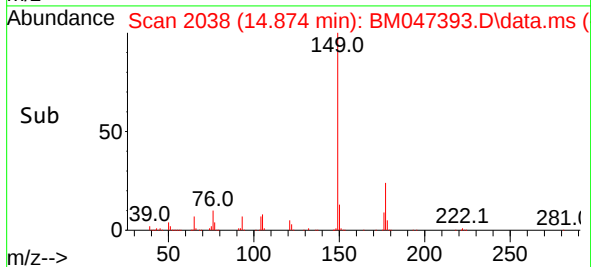
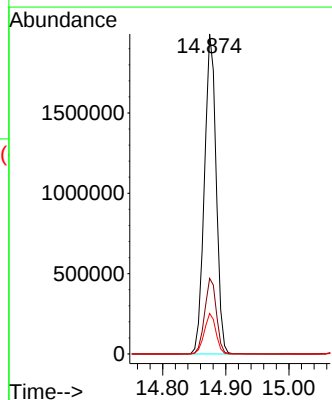
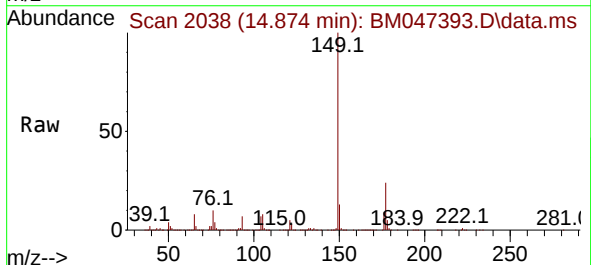
Instrument :
BNA_M
ClientSampleId :
PB163062BS

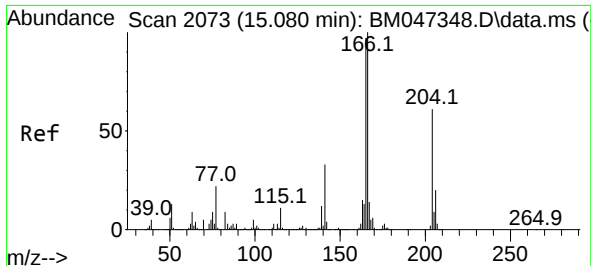
Tgt Ion:232 Resp: 753631
Ion Ratio Lower Upper
232 100
131 38.2 31.7 47.5
130 2.0 1.7 2.5
166 29.9 24.2 36.2



#60
Diethylphthalate
Concen: 44.175 ng
RT: 14.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:149 Resp: 2572115
Ion Ratio Lower Upper
149 100
177 23.6 18.6 28.0
150 12.6 10.2 15.4

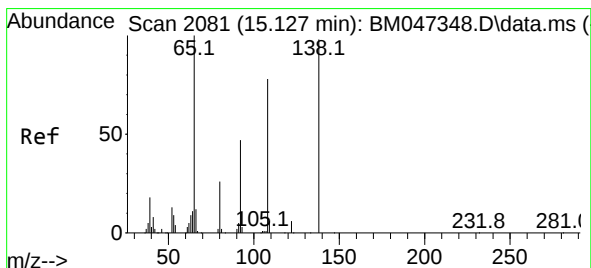
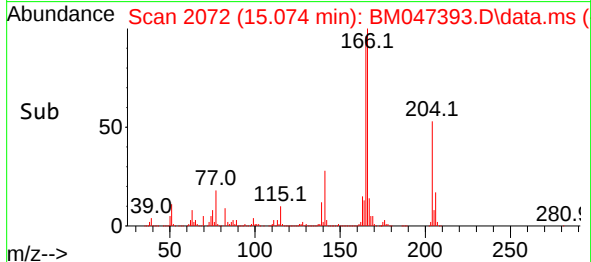
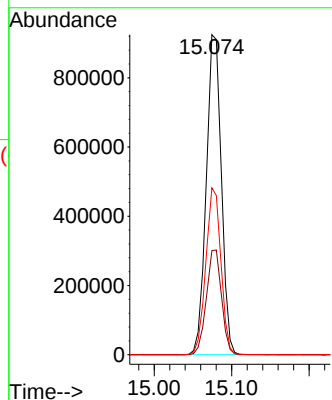
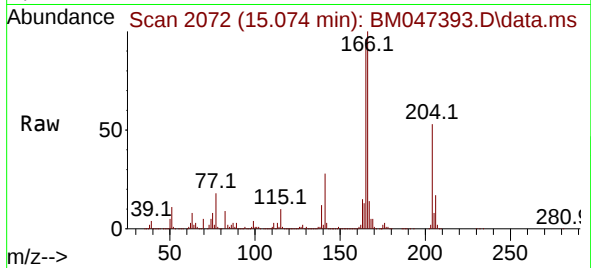




#61
4-Chlorophenyl-phenylether
Concen: 43.584 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

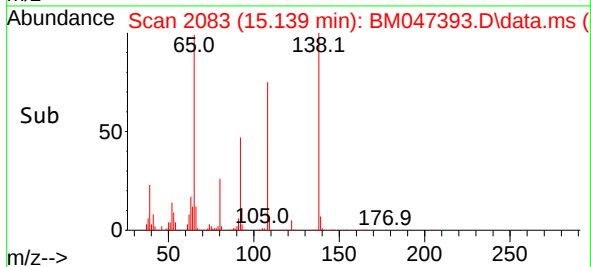
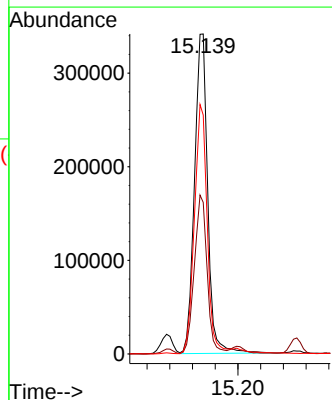
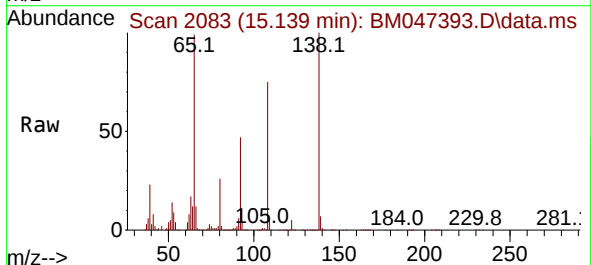
Instrument :
BNA_M
ClientSampleId :
PB163062BS

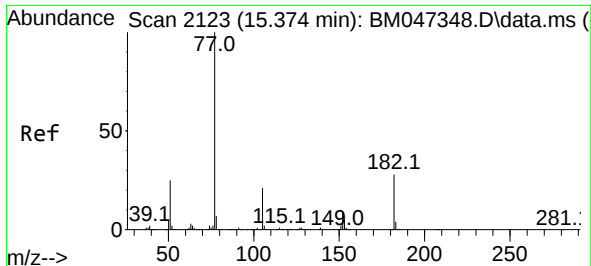
Tgt Ion:204 Resp: 1250014
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 52.2 42.8 64.2



#62
4-Nitroaniline
Concen: 47.209 ng
RT: 15.139 min Scan# 2083
Delta R.T. 0.012 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:138 Resp: 553834
Ion Ratio Lower Upper
138 100
92 47.3 27.9 67.9
108 74.7 58.7 98.7

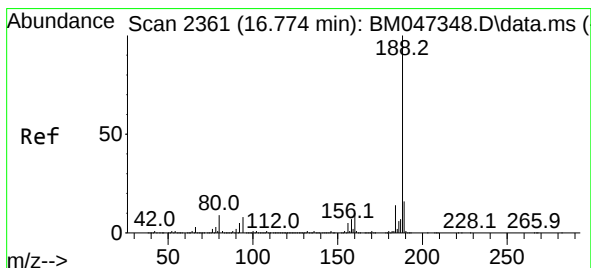
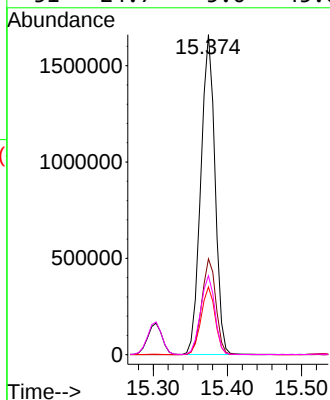
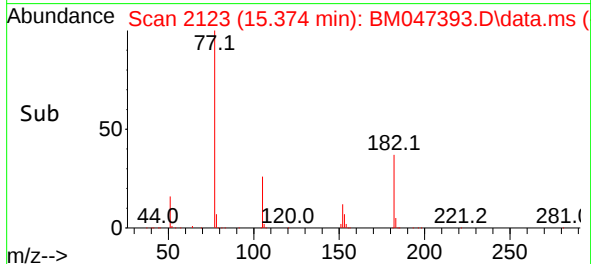
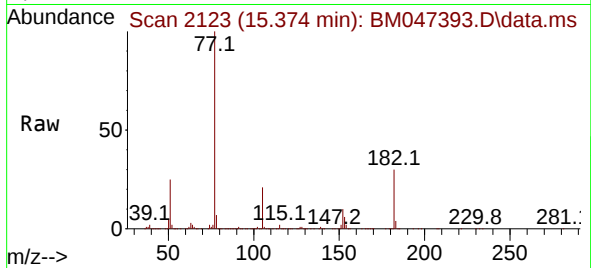




#63
Azobenzene
Concen: 43.600 ng
RT: 15.374 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

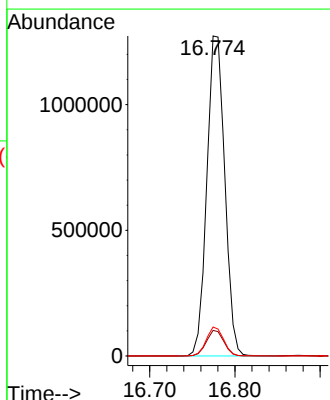
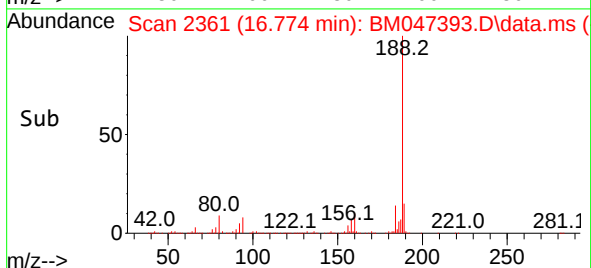
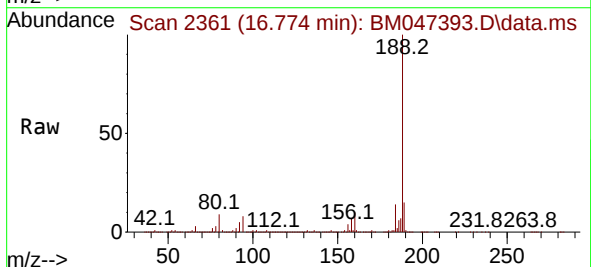
Instrument :
BNA_M
ClientSampleId :
PB163062BS

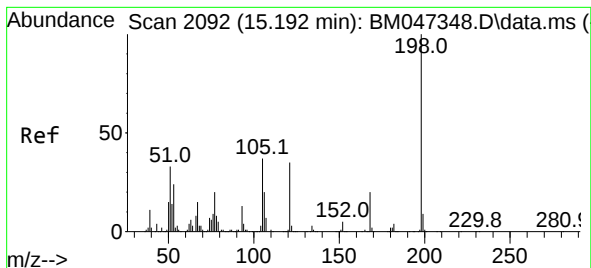
Tgt Ion: 77 Resp: 2210676
Ion Ratio Lower Upper
77 100
182 30.0 7.9 47.9
105 21.2 0.6 40.6
51 24.7 5.0 45.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion: 188 Resp: 1859852
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.0 7.4 11.2

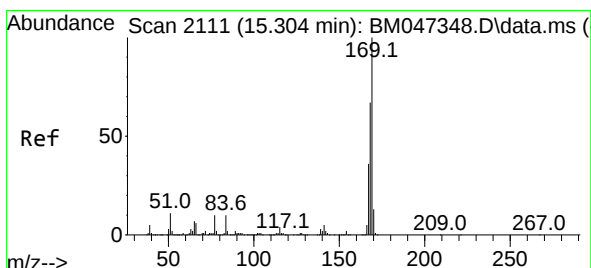
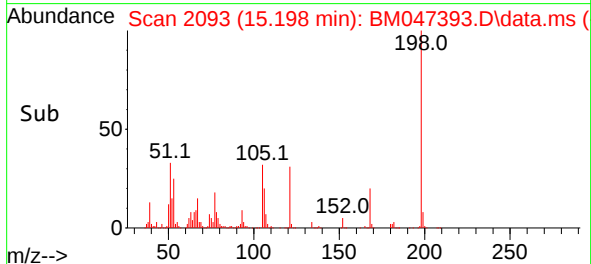
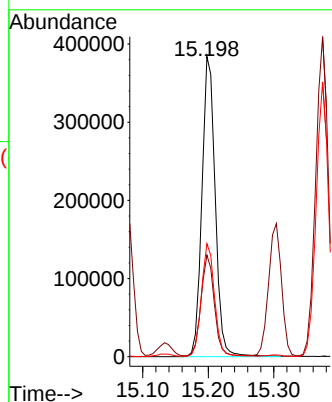
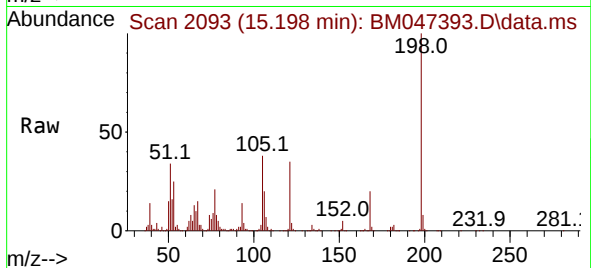




#65
4,6-Dinitro-2-methylphenol
Concen: 47.653 ng
RT: 15.198 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

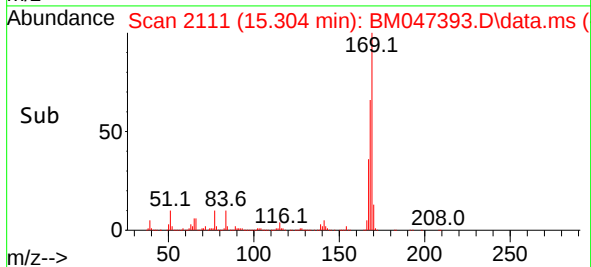
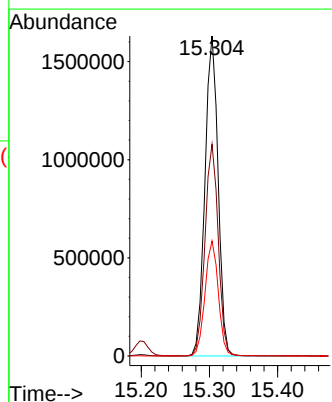
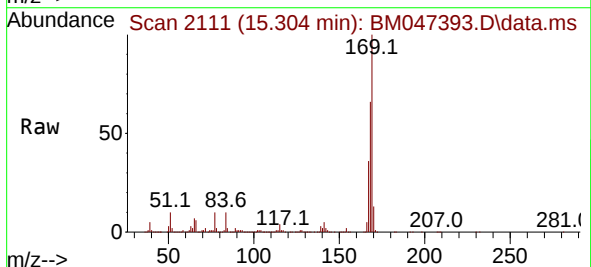
Instrument :
BNA_M
ClientSampleId :
PB163062BS

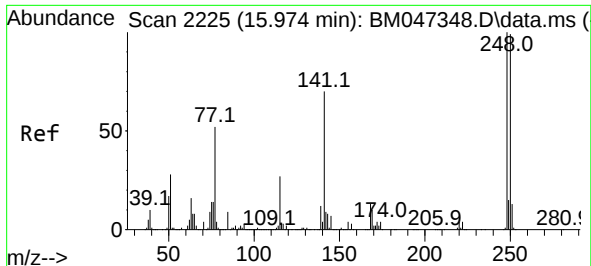
Tgt Ion:198 Resp: 543963
Ion Ratio Lower Upper
198 100
51 33.8 14.1 54.1
105 37.6 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 43.026 ng
RT: 15.304 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:169 Resp: 2189601
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 36.0 29.0 43.4

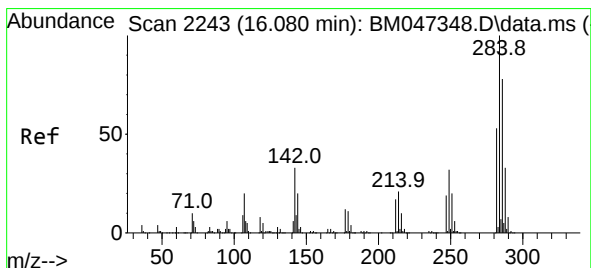
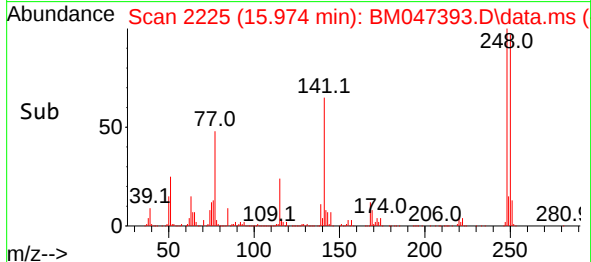
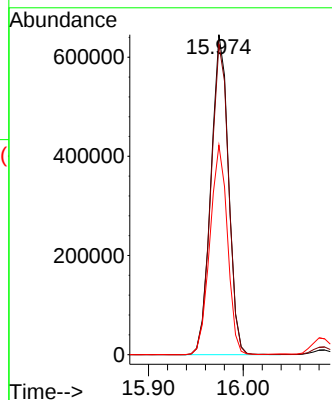
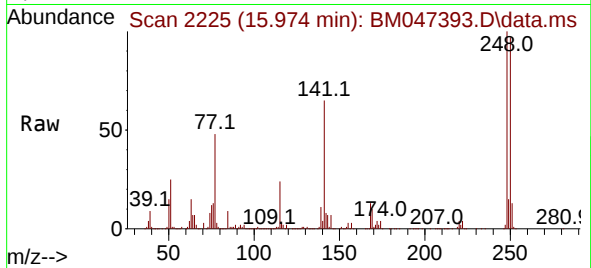




#67
4-Bromophenyl-phenylether
Concen: 42.320 ng
RT: 15.974 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

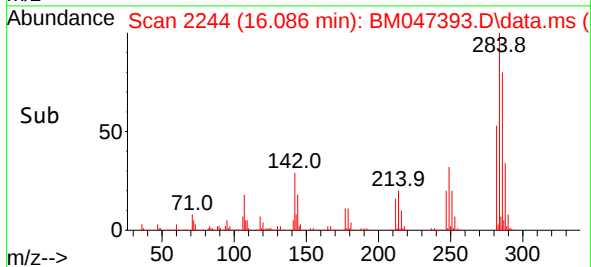
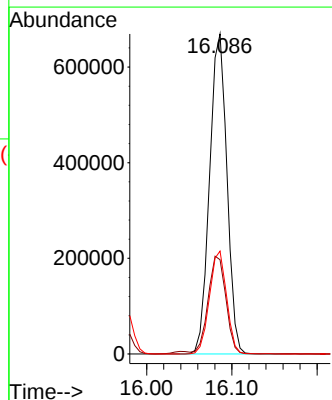
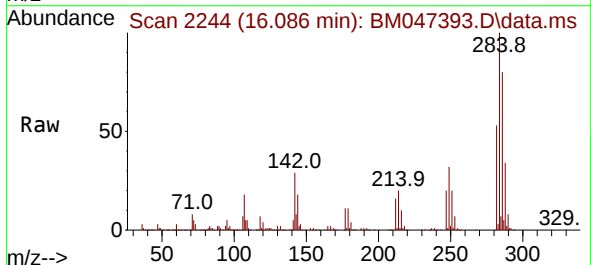
Instrument :
BNA_M
ClientSampleId :
PB163062BS

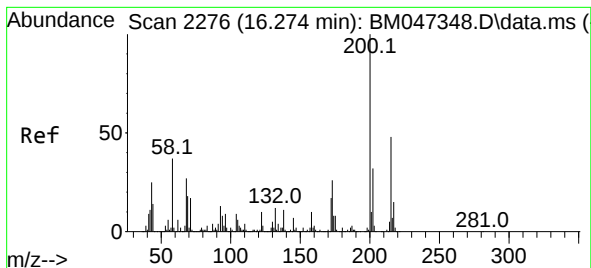
Tgt Ion:248 Resp: 830342
Ion Ratio Lower Upper
248 100
250 97.0 78.8 118.2
141 65.5 55.9 83.9



#68
Hexachlorobenzene
Concen: 41.734 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:284 Resp: 945746
Ion Ratio Lower Upper
284 100
142 29.5 26.5 39.7
249 32.1 25.5 38.3





#69

Atrazine

Concen: 40.111 ng

RT: 16.280 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

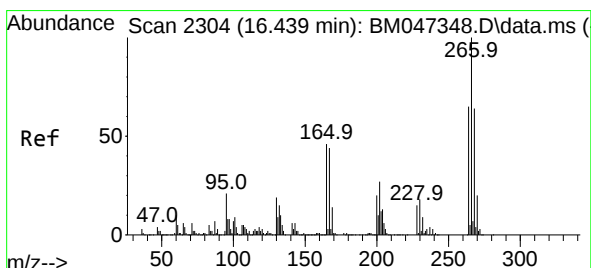
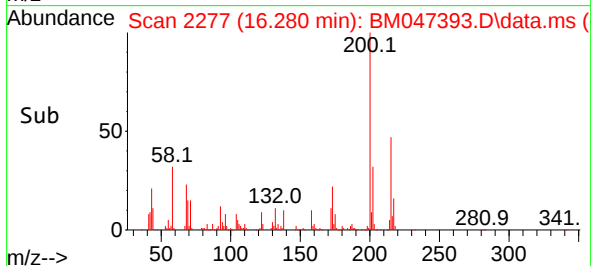
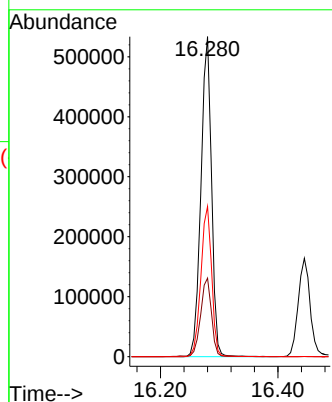
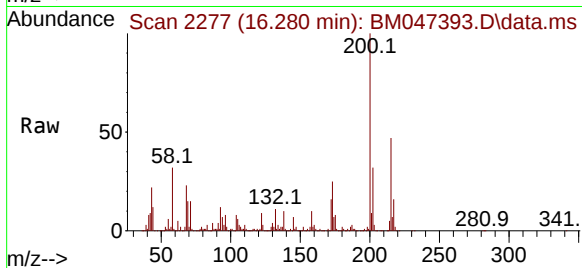
Tgt Ion:200 Resp: 667228

Ion Ratio Lower Upper

200 100

173 24.6 5.8 45.8

215 47.0 28.3 68.3



#70

Pentachlorophenol

Concen: 82.725 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

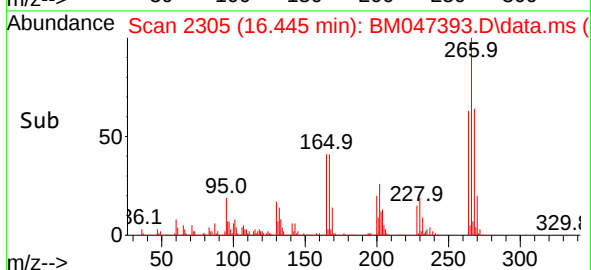
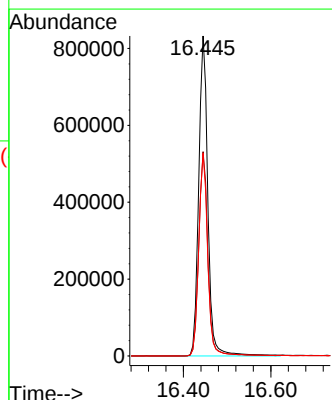
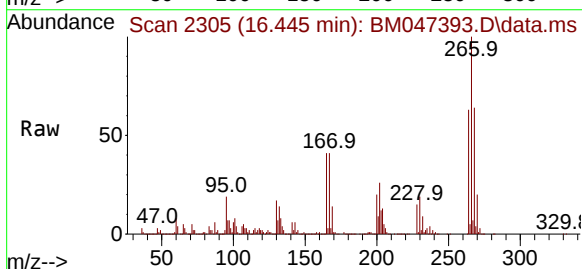
Tgt Ion:266 Resp: 1212036

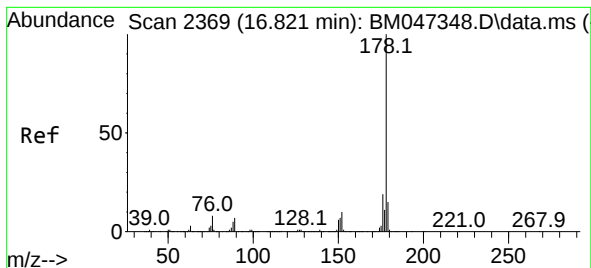
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 63.3 51.9 77.9





#71

Phenanthrene

Concen: 44.094 ng

RT: 16.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

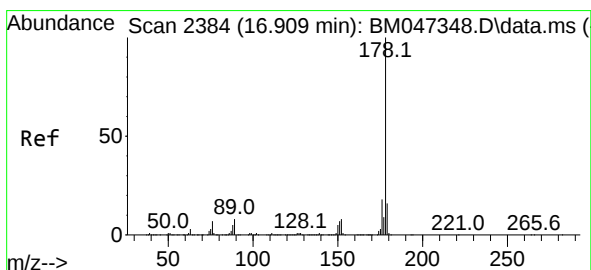
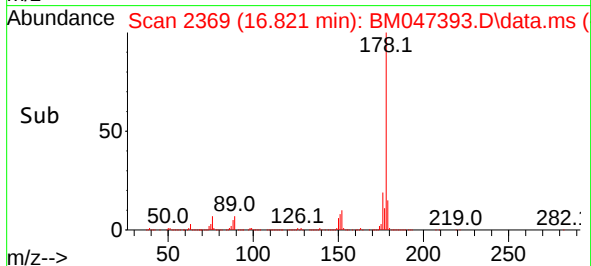
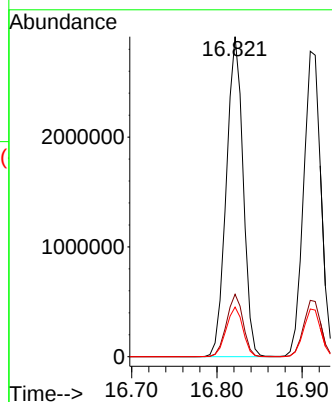
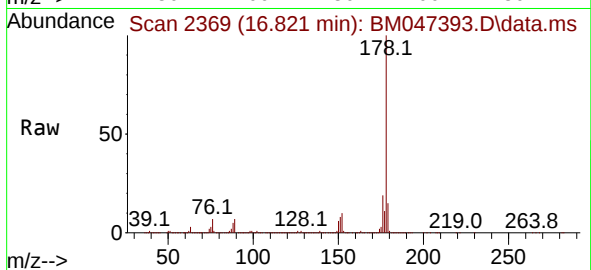
Tgt Ion:178 Resp: 3982694

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 15.5 12.2 18.4



#72

Anthracene

Concen: 44.858 ng

RT: 16.910 min Scan# 2384

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

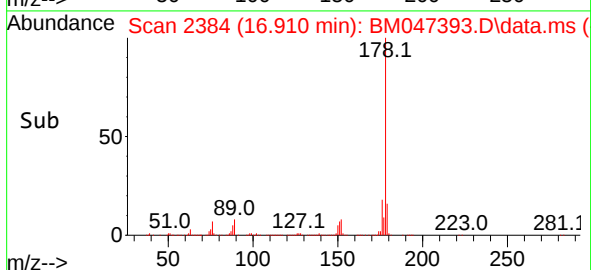
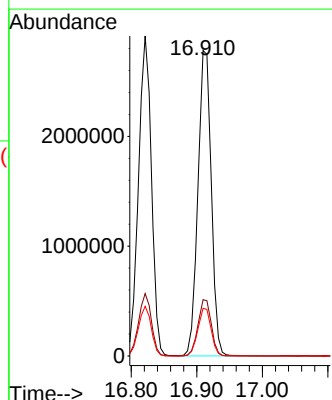
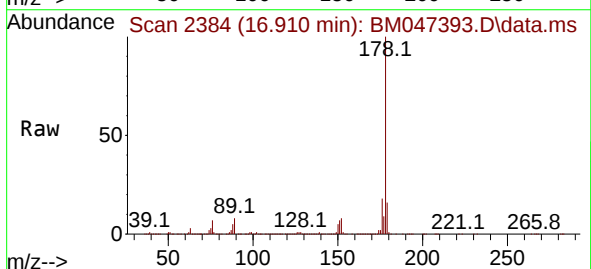
Tgt Ion:178 Resp: 3949702

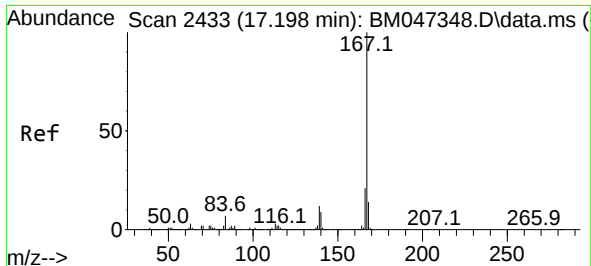
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.6 12.6 18.8

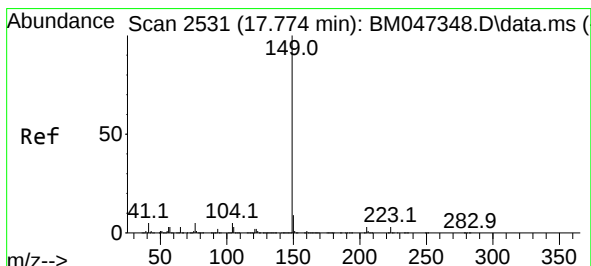
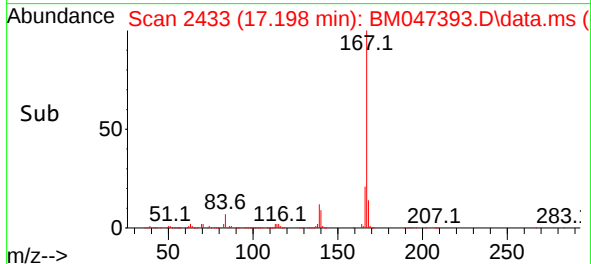
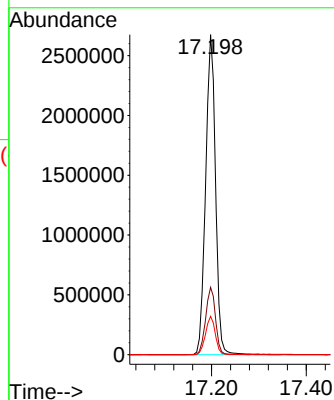
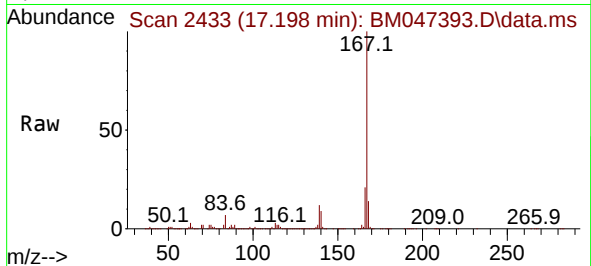




#73
 Carbazole
 Concen: 45.661 ng
 RT: 17.198 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BM047393.D
 Acq: 29 Aug 2024 14:22

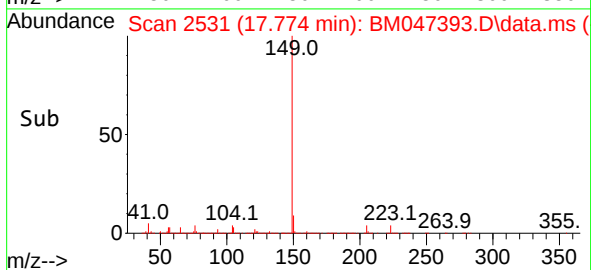
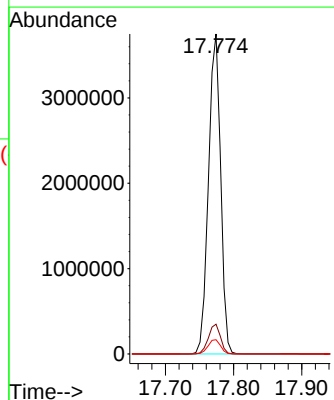
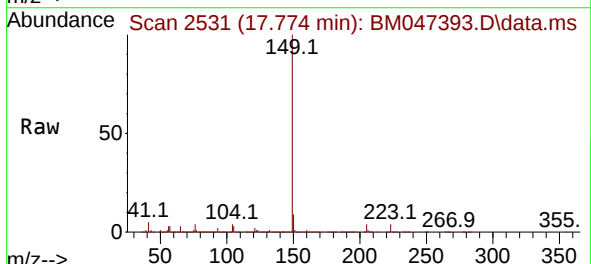
Instrument :
 BNA_M
 ClientSampleId :
 PB163062BS

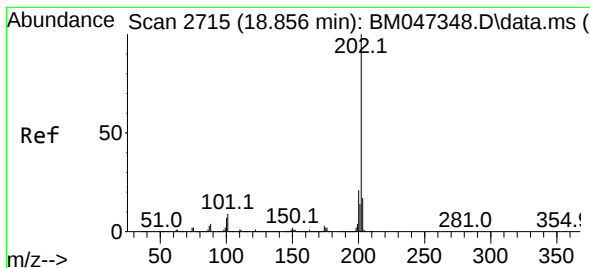
Tgt Ion:167 Resp: 3858027
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 12.0 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 45.163 ng
 RT: 17.774 min Scan# 2531
 Delta R.T. 0.000 min
 Lab File: BM047393.D
 Acq: 29 Aug 2024 14:22

Tgt Ion:149 Resp: 4646634
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.5 3.8 5.6





#75

Fluoranthene

Concen: 46.219 ng

RT: 18.856 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

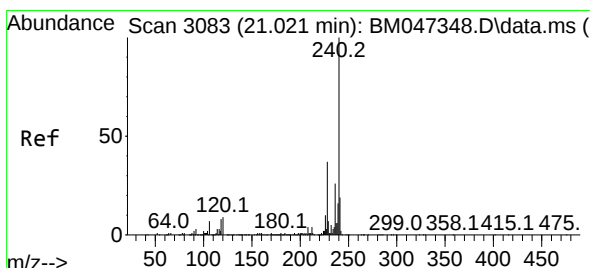
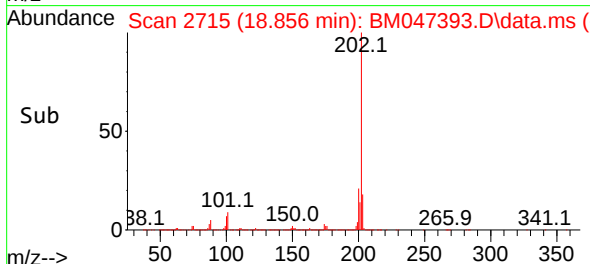
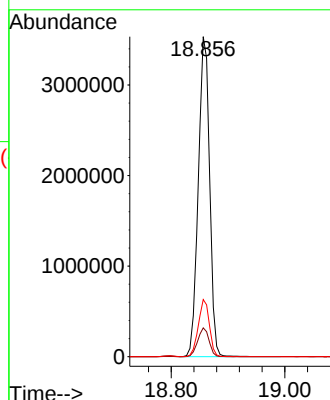
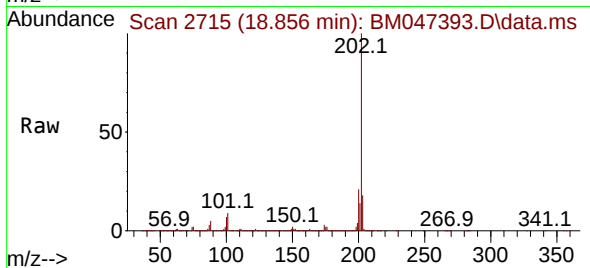
Tgt Ion:202 Resp: 4901811

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.0

203 17.9 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

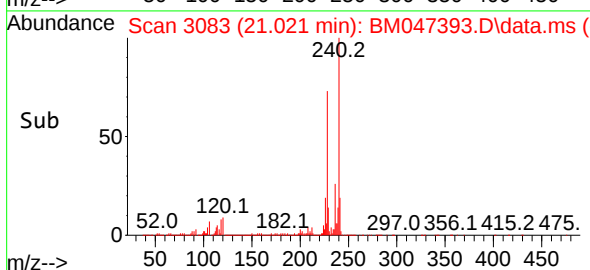
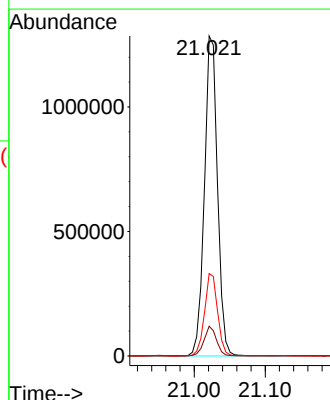
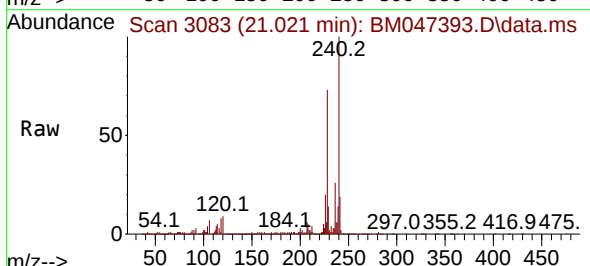
Tgt Ion:240 Resp: 1649265

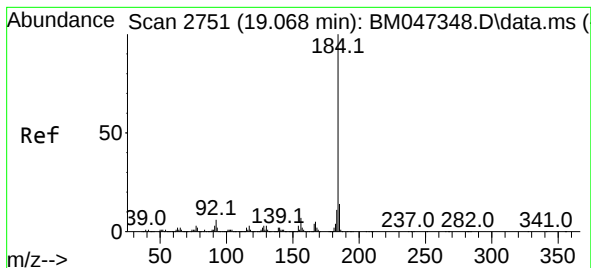
Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

236 25.7 20.8 31.2





#77

Benzidine

Concen: 22.827 ng

RT: 19.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

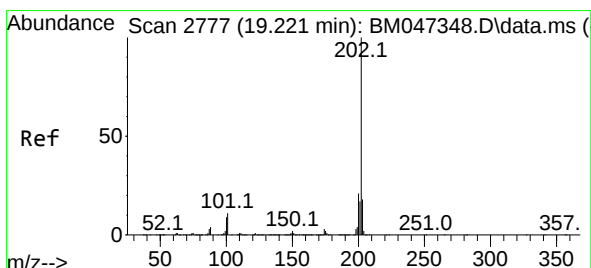
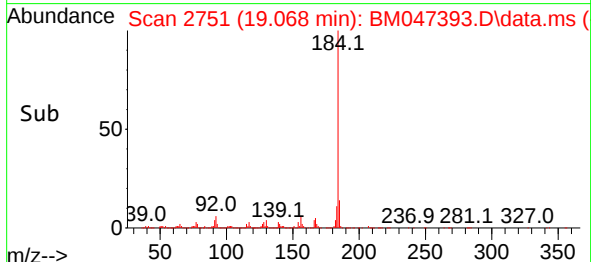
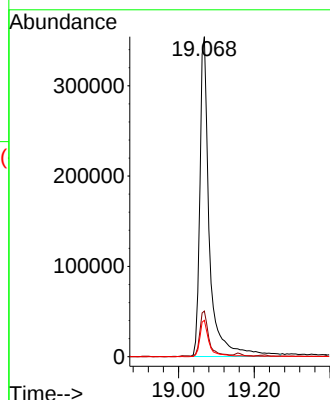
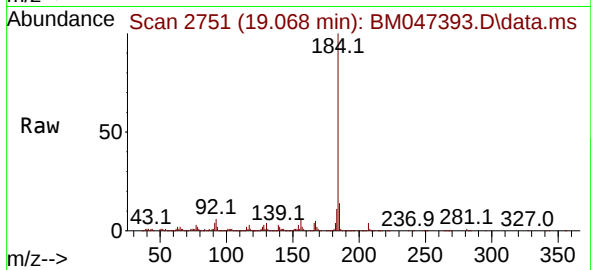
Tgt Ion:184 Resp: 628433

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.3 9.2 13.8



#78

Pyrene

Concen: 39.964 ng

RT: 19.227 min Scan# 2778

Delta R.T. 0.006 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

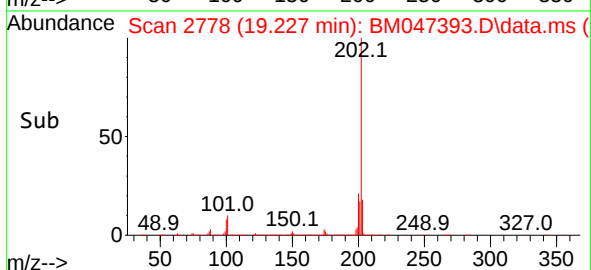
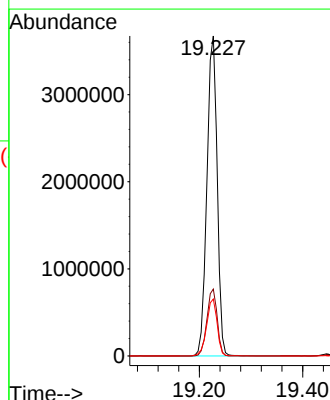
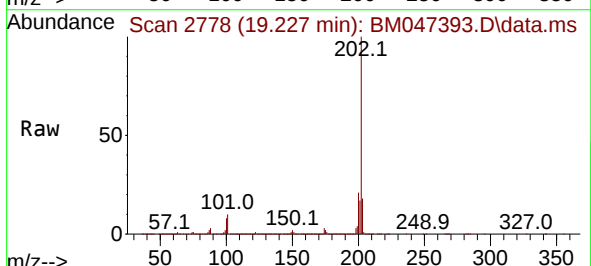
Tgt Ion:202 Resp: 5055197

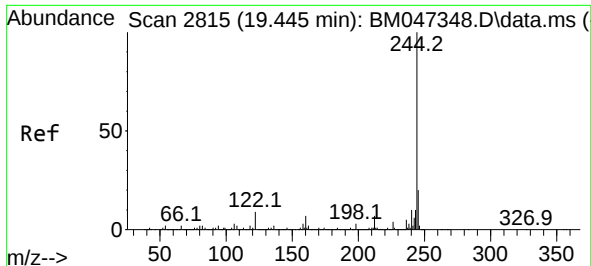
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.8 14.2 21.4

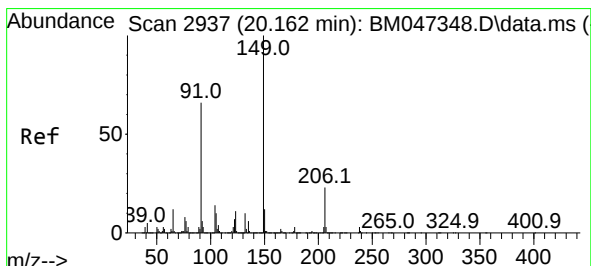
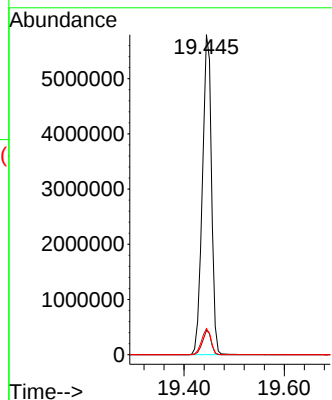
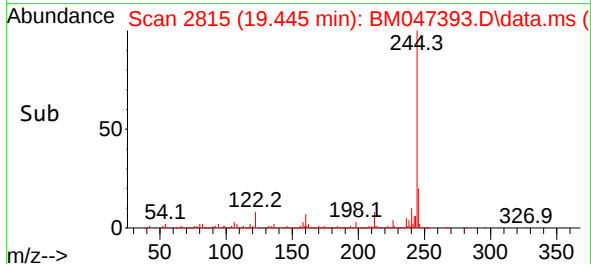
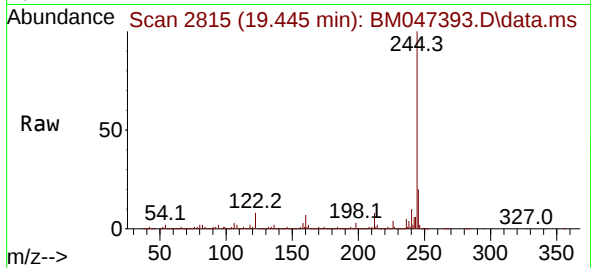




#79
 Terphenyl-d14
 Concen: 78.660 ng
 RT: 19.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047393.D
 Acq: 29 Aug 2024 14:22

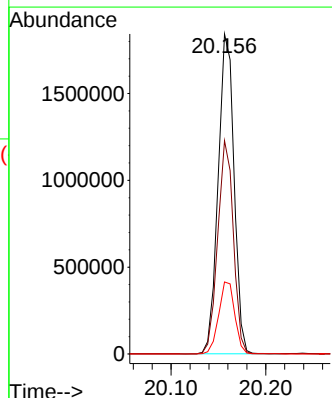
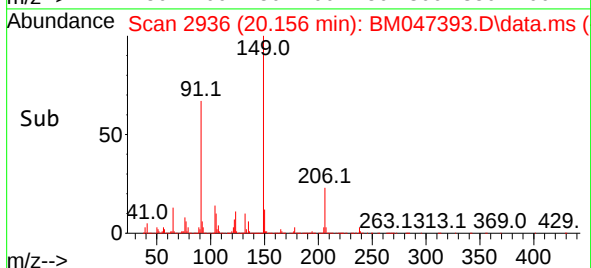
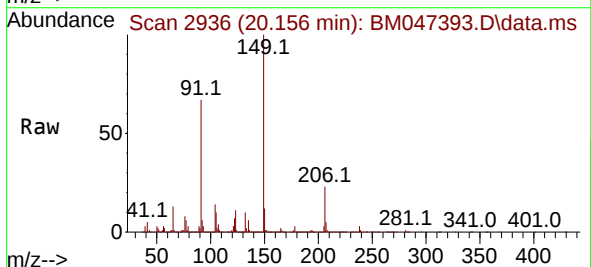
Instrument :
 BNA_M
 ClientSampleId :
 PB163062BS

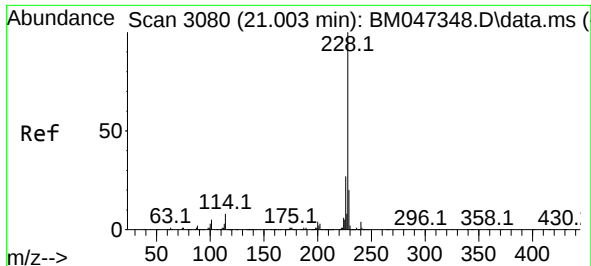
Tgt Ion:244 Resp: 7288463
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 8.2 7.0 10.4



#80
 Butylbenzylphthalate
 Concen: 43.489 ng
 RT: 20.156 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM047393.D
 Acq: 29 Aug 2024 14:22

Tgt Ion:149 Resp: 2152692
 Ion Ratio Lower Upper
 149 100
 91 66.7 52.6 79.0
 206 22.5 18.2 27.2

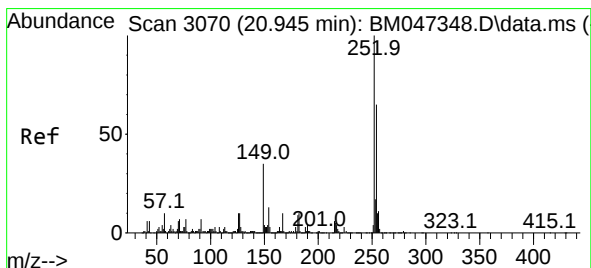
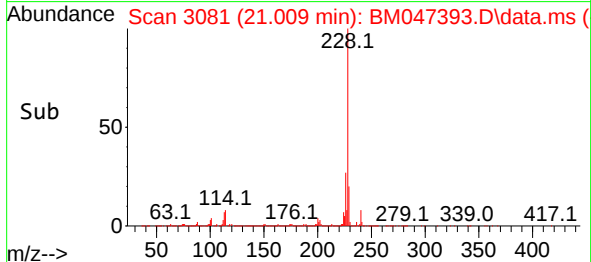
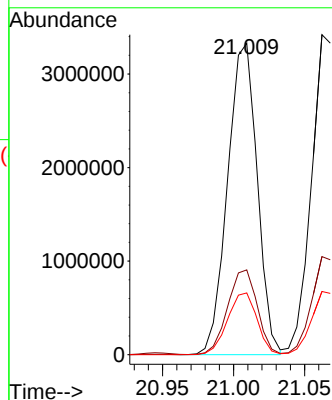
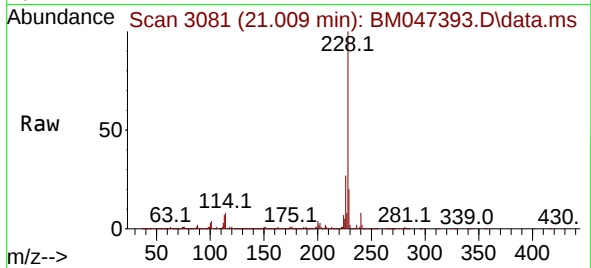




#81
Benzo(a)anthracene
Concen: 44.878 ng
RT: 21.009 min Scan# 3080
Delta R.T. 0.006 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

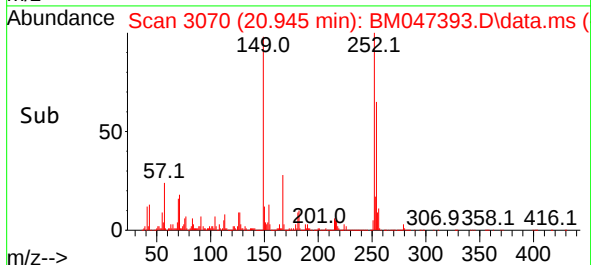
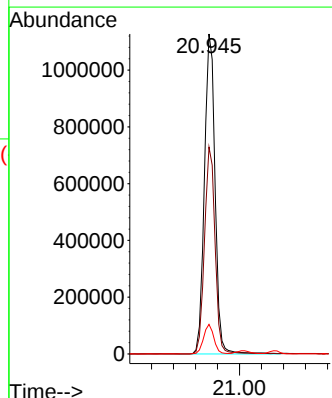
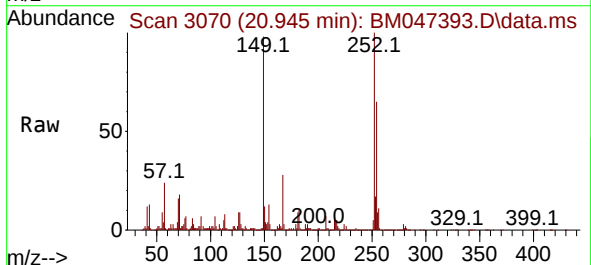
Instrument :
BNA_M
ClientSampleId :
PB163062BS

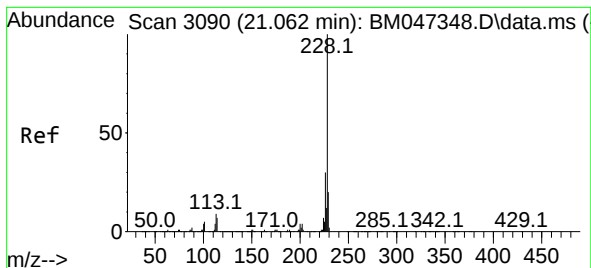
Tgt Ion:228 Resp: 4826863
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 41.798 ng
RT: 20.945 min Scan# 3070
Delta R.T. 0.000 min
Lab File: BM047393.D
Acq: 29 Aug 2024 14:22

Tgt Ion:252 Resp: 1512256
Ion Ratio Lower Upper
252 100
254 64.6 52.1 78.1
126 9.3 7.9 11.9





#83

Chrysene

Concen: 44.789 ng

RT: 21.062 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

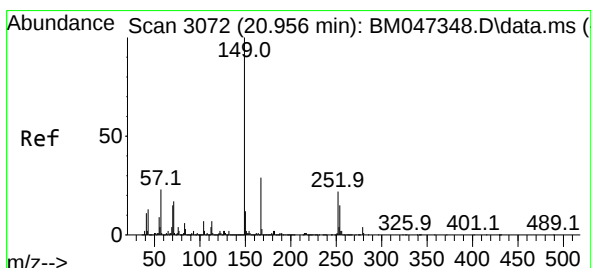
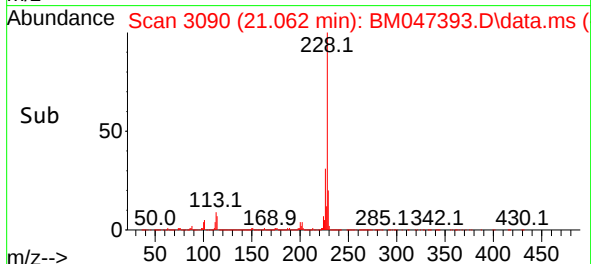
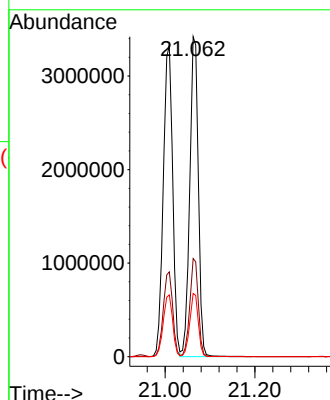
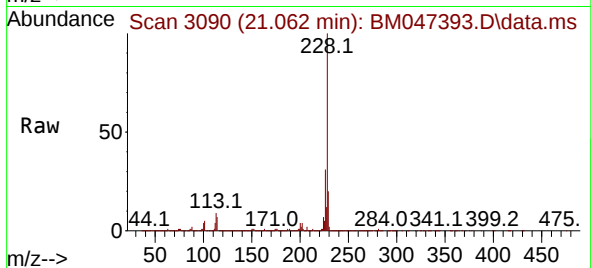
Tgt Ion:228 Resp: 4531400

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.230 ng

RT: 20.956 min Scan# 3072

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

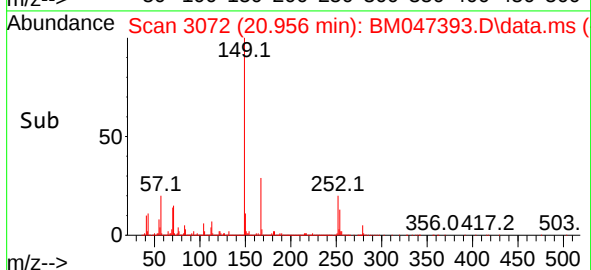
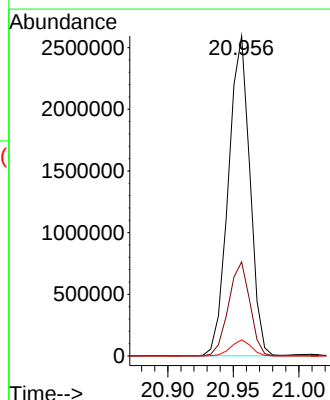
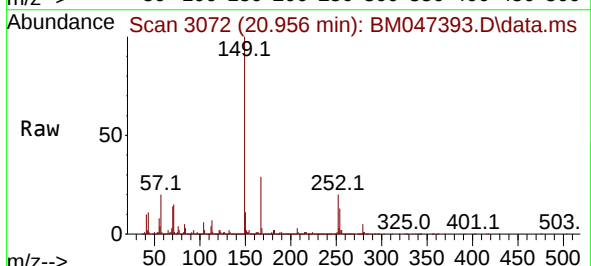
Tgt Ion:149 Resp: 2954479

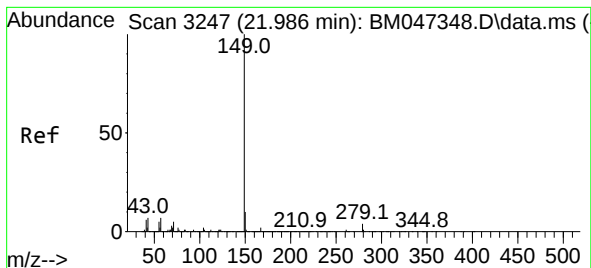
Ion Ratio Lower Upper

149 100

167 29.4 23.1 34.7

279 5.1 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 46.293 ng

RT: 21.986 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

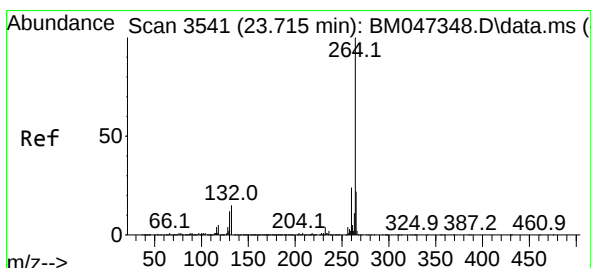
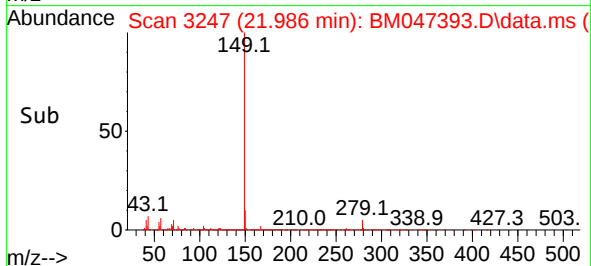
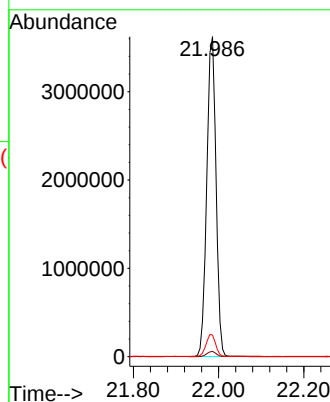
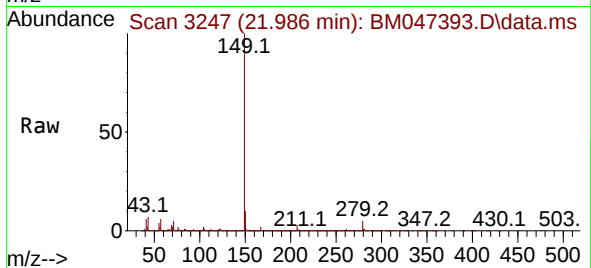
Tgt Ion:149 Resp: 5451260

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.1 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. 0.006 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

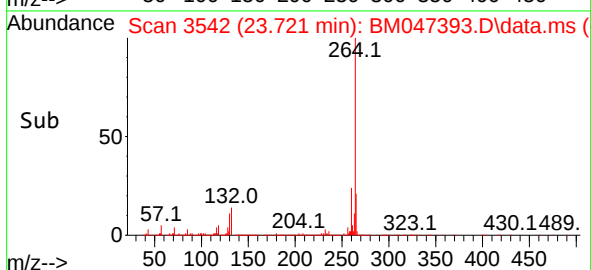
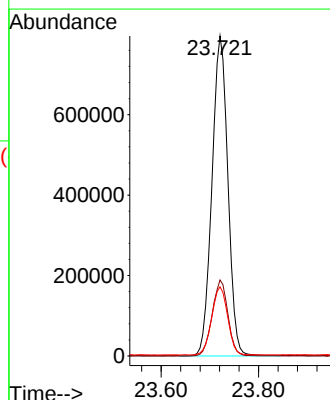
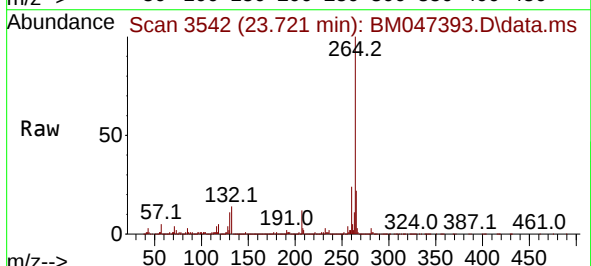
Tgt Ion:264 Resp: 1803926

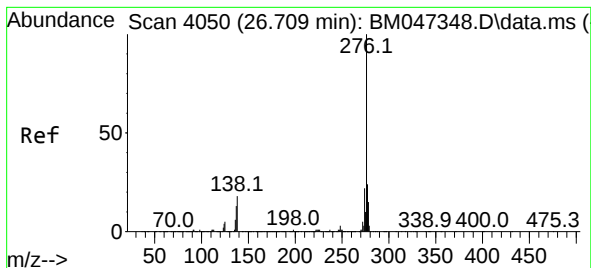
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.212 ng

RT: 26.744 min Scan# 4056

Delta R.T. 0.035 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

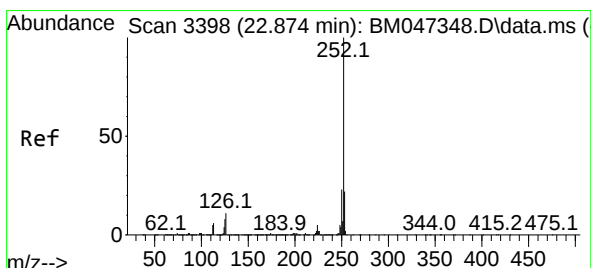
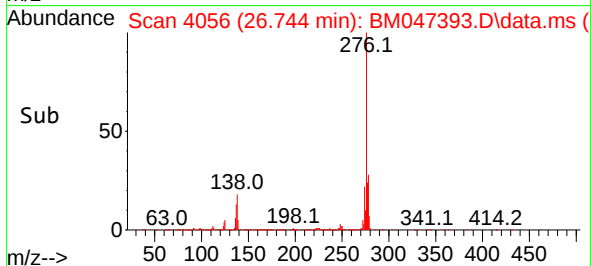
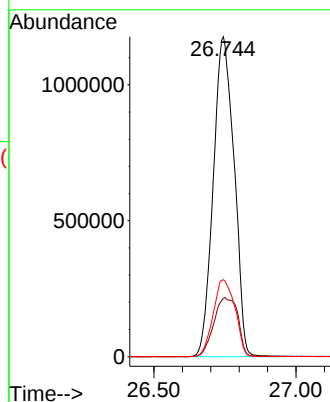
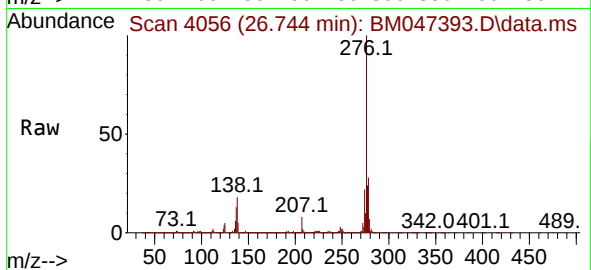
Tgt Ion:276 Resp: 6008942

Ion Ratio Lower Upper

276 100

138 21.2 17.7 26.5

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 48.796 ng

RT: 22.880 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

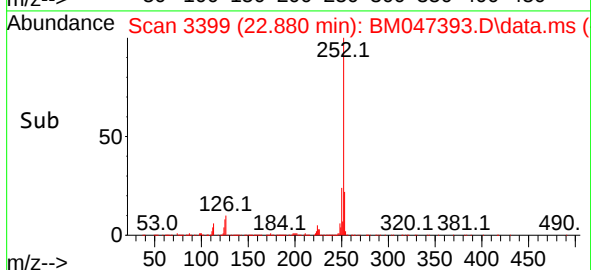
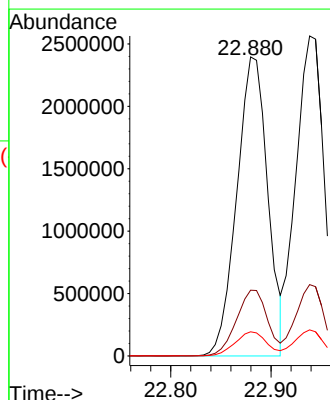
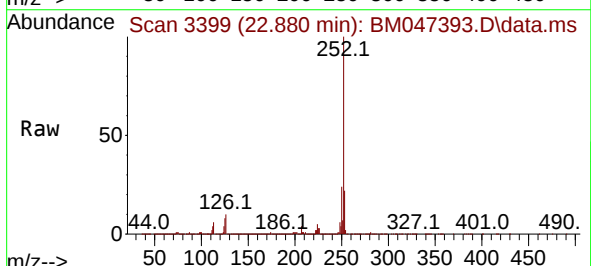
Tgt Ion:252 Resp: 5135549

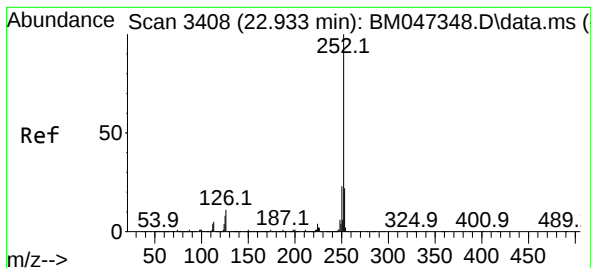
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.1 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 49.779 ng

RT: 22.939 min Scan# 3408

Delta R.T. 0.006 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

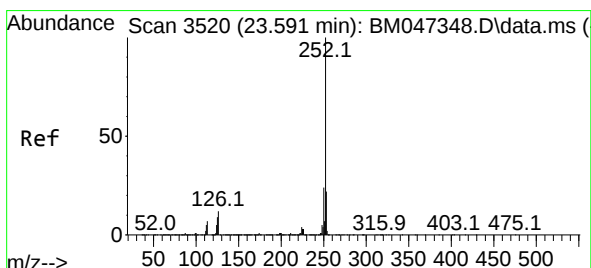
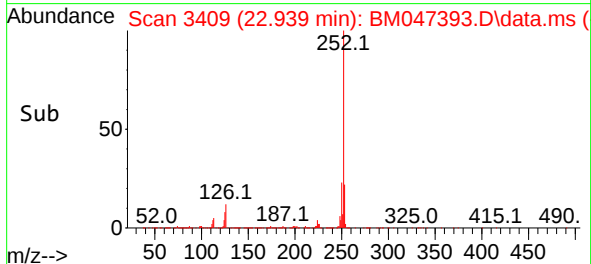
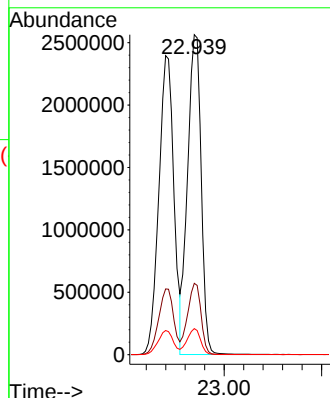
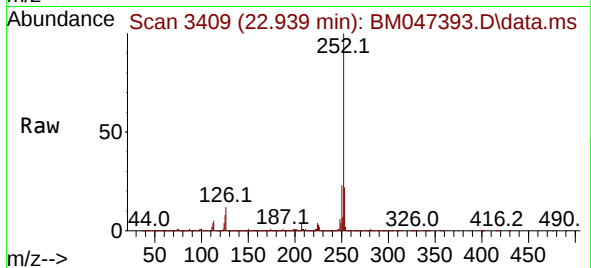
Tgt Ion:252 Resp: 4966416

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 8.1 6.6 9.8



#90

Benzo(a)pyrene

Concen: 52.533 ng

RT: 23.603 min Scan# 3522

Delta R.T. 0.012 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

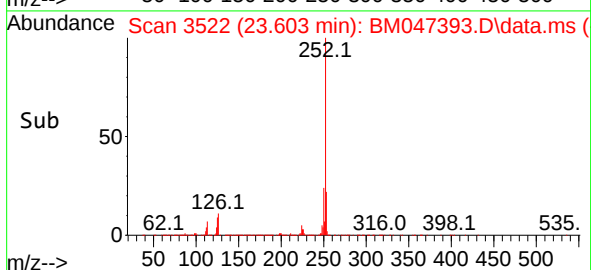
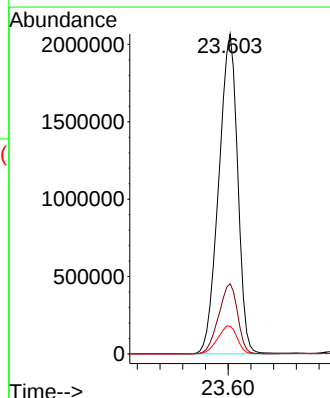
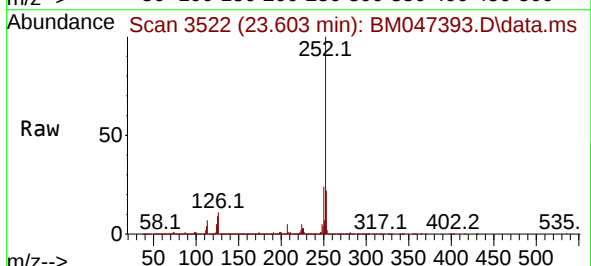
Tgt Ion:252 Resp: 4781221

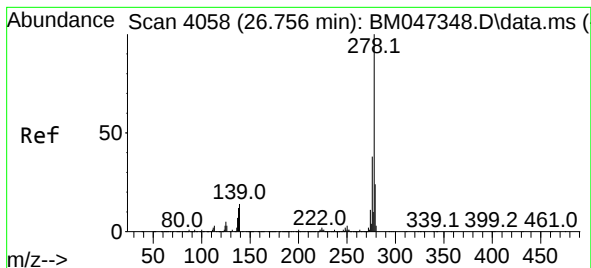
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.7 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 52.933 ng

RT: 26.791 min Scan# 4058

Delta R.T. 0.035 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Instrument :

BNA_M

ClientSampleId :

PB163062BS

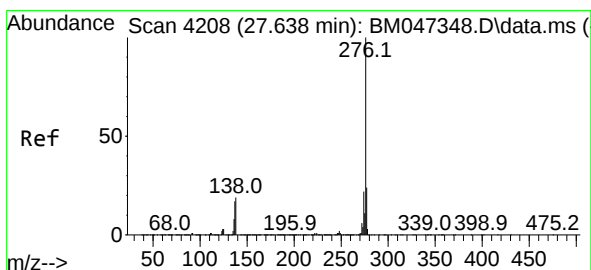
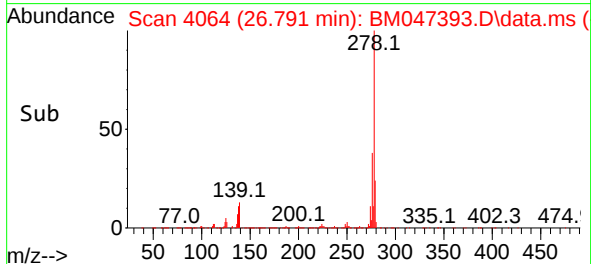
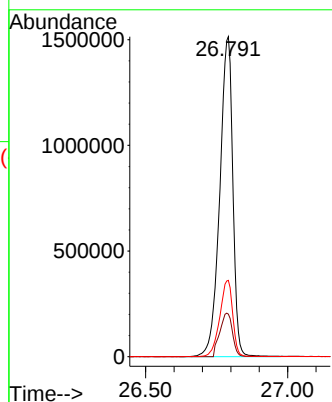
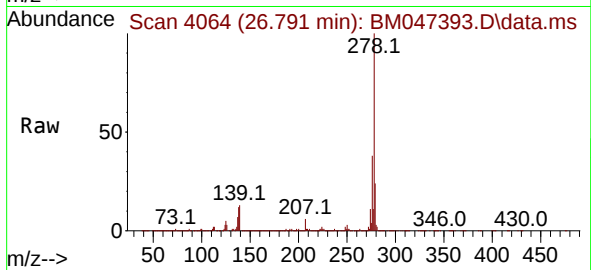
Tgt Ion:278 Resp: 4842481

Ion Ratio Lower Upper

278 100

139 13.3 11.1 16.7

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 49.793 ng

RT: 27.679 min Scan# 4215

Delta R.T. 0.041 min

Lab File: BM047393.D

Acq: 29 Aug 2024 14:22

Tgt Ion:276 Resp: 4735653

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 18.2 15.0 22.6

