

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082924\
 Data File : BM047391.D
 Acq On : 29 Aug 2024 11:37
 Operator : RC/JU
 Sample : PB163024BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163024BS

Quant Time: Aug 29 12:13:17 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	293280	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1171133	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	825608	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1784491	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1585657	20.000	ng	0.00
86) Perylene-d12	23.721	264	1734077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1996798	130.625	ng	0.00
7) Phenol-d6	6.581	99	2651723	127.338	ng	0.01
23) Nitrobenzene-d5	8.504	82	1694888	80.300	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1249509	125.442	ng	0.00
45) 2-Fluorobiphenyl	12.622	172	4211848	78.385	ng	0.00
79) Terphenyl-d14	19.450	244	7048784	79.125	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.016	88	171895	27.473	ng	99
3) Pyridine	3.393	79	481522	27.728	ng	98
4) n-Nitrosodimethylamine	3.310	42	287065	40.589	ng	98
6) Aniline	6.698	93	504940	26.772	ng	99
8) 2-Chlorophenol	6.934	128	848844	49.611	ng	97
9) Benzaldehyde	6.516	77	151960	10.681	ng	96
10) Phenol	6.604	94	993232	48.478	ng	100
11) bis(2-Chloroethyl)ether	6.804	93	789145	44.447	ng	98
12) 1,3-Dichlorobenzene	7.234	146	860657	41.136	ng	100
13) 1,4-Dichlorobenzene	7.381	146	880038	41.532	ng	100
14) 1,2-Dichlorobenzene	7.692	146	857490	42.703	ng	99
15) Benzyl Alcohol	7.610	79	744902	51.597	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.869	45	916630	43.057	ng	99
17) 2-Methylphenol	7.822	107	688113	48.341	ng	98
18) Hexachloroethane	8.392	117	330348	41.705	ng	99
19) n-Nitroso-di-n-propyla...	8.163	70	586007	40.937	ng	98
20) 3+4-Methylphenols	8.151	107	932631	47.123	ng	96
22) Acetophenone	8.175	105	1058146	38.932	ng	# 100
24) Nitrobenzene	8.545	77	896705	41.307	ng	98
25) Isophorone	9.069	82	1698320	42.573	ng	98
26) 2-Nitrophenol	9.239	139	502993	47.106	ng	98
27) 2,4-Dimethylphenol	9.328	122	622719	51.666	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	1040534	42.595	ng	99
29) 2,4-Dichlorophenol	9.786	162	932601	49.881	ng	99
30) 1,2,4-Trichlorobenzene	9.975	180	912311	42.245	ng	99
31) Naphthalene	10.151	128	2392852	41.833	ng	99
32) Benzoic acid	9.551	122	613538	42.630	ng	98
33) 4-Chloroaniline	10.292	127	704469	33.123	ng	99
34) Hexachlorobutadiene	10.433	225	559742	41.503	ng	99
35) Caprolactam	11.122	113	154230	25.464	ng	94
36) 4-Chloro-3-methylphenol	11.451	107	904575	47.643	ng	100
37) 2-Methylnaphthalene	11.780	142	1797781	43.105	ng	99
38) 1-Methylnaphthalene	12.010	142	1675638	40.623	ng	100
40) 1,2,4,5-Tetrachloroben...	12.163	216	983113	40.213	ng	99
41) Hexachlorocyclopentadiene	12.133	237	695234	90.105	ng	99
43) 2,4,6-Trichlorophenol	12.433	196	788866	47.070	ng	99

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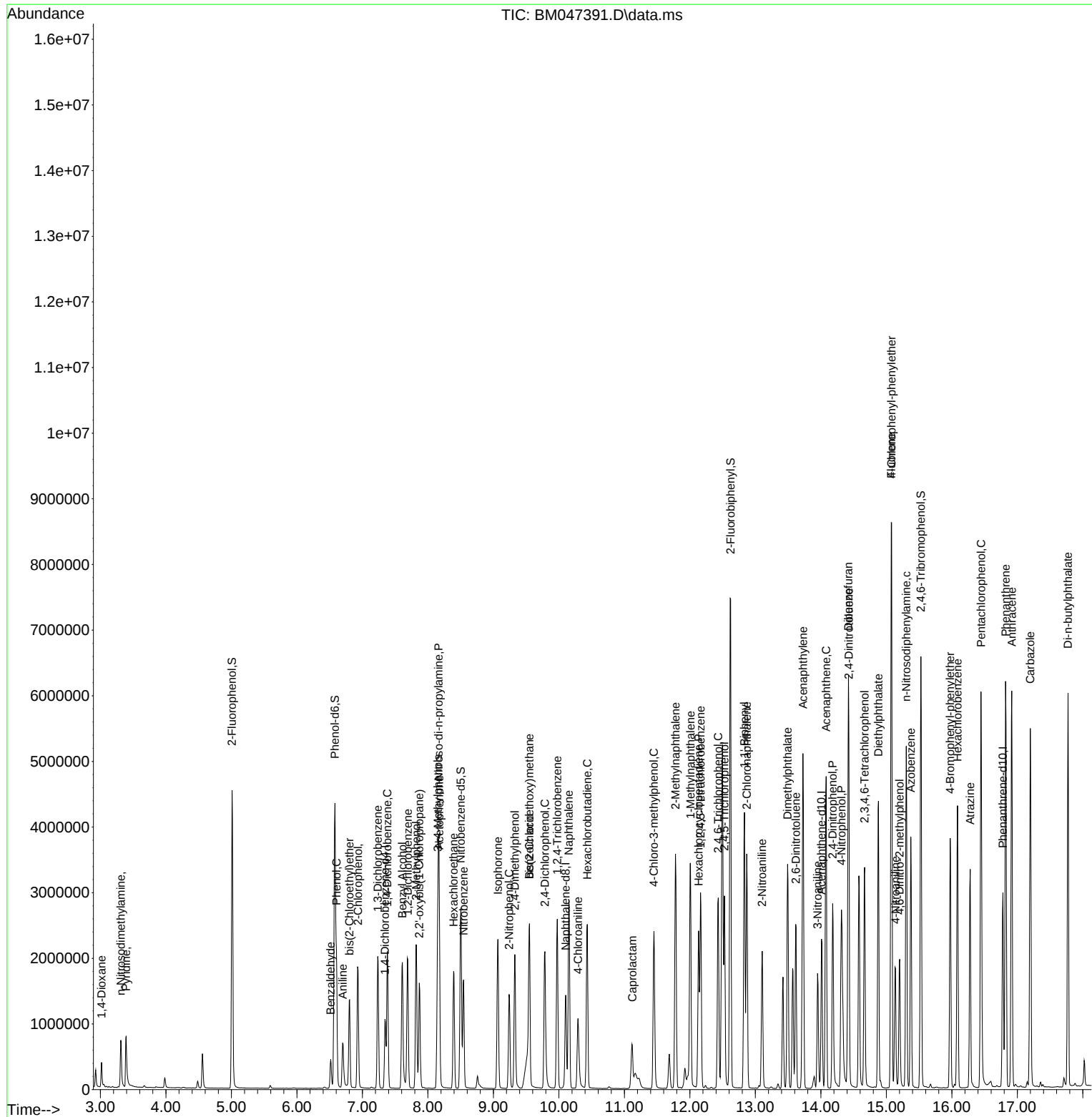
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.527	196	801055	43.039	ng	98
46) 1,1'-Biphenyl	12.833	154	2232110	38.719	ng	99
47) 2-Chloronaphthalene	12.869	162	1840135	40.732	ng	99
48) 2-Nitroaniline	13.104	65	586893	46.378	ng	96
49) Acenaphthylene	13.727	152	3014969	45.919	ng	100
50) Dimethylphthalate	13.492	163	2549459	44.816	ng	100
51) 2,6-Dinitrotoluene	13.621	165	591379	44.649	ng	94
52) Acenaphthene	14.080	154	1766044	42.370	ng	100
53) 3-Nitroaniline	13.951	138	478132	39.120	ng	99
54) 2,4-Dinitrophenol	14.180	184	773883	94.876	ng	97
55) Dibenzofuran	14.421	168	2925171	43.570	ng	99
56) 4-Nitrophenol	14.316	139	917223	96.007	ng	98
57) 2,4-Dinitrotoluene	14.427	165	779194	45.444	ng	91
58) Fluorene	15.074	166	2347102	43.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.668	232	728082	47.625	ng	98
60) Diethylphthalate	14.880	149	2495429	44.470	ng	98
61) 4-Chlorophenyl-phenyle...	15.080	204	1200652	43.438	ng	97
62) 4-Nitroaniline	15.139	138	533183	47.158	ng	98
63) Azobenzene	15.374	77	2124306	43.472	ng	98
65) 4,6-Dinitro-2-methylph...	15.204	198	521587	47.622	ng	97
66) n-Nitrosodiphenylamine	15.304	169	2107059	43.152	ng	100
67) 4-Bromophenyl-phenylether	15.974	248	805036	42.763	ng	98
68) Hexachlorobenzene	16.086	284	913029	41.991	ng	98
69) Atrazine	16.280	200	643827	40.339	ng	98
70) Pentachlorophenol	16.445	266	1161080	82.594	ng	99
71) Phenanthrene	16.821	178	3833804	44.238	ng	99
72) Anthracene	16.915	178	3833503	45.377	ng	100
73) Carbazole	17.198	167	3709931	45.762	ng	100
74) Di-n-butylphthalate	17.774	149	4434980	44.926	ng	100
75) Fluoranthene	18.862	202	4663362	45.828	ng	100
77) Benzidine	19.068	184	598135	22.598	ng	100
78) Pyrene	19.227	202	4881073	40.135	ng	100
80) Butylbenzylphthalate	20.162	149	2071146	43.520	ng	96
81) Benzo(a)anthracene	21.009	228	4665941	45.123	ng	99
82) 3,3'-Dichlorobenzidine	20.950	252	1457229	41.893	ng	# 98
83) Chrysene	21.068	228	4309551	44.305	ng	99
84) Bis(2-ethylhexyl)phtha...	20.956	149	2815250	41.855	ng	# 99
85) Di-n-octyl phthalate	21.986	149	5204552	45.971	ng	99
87) Indeno(1,2,3-cd)pyrene	26.744	276	5806431	53.489	ng	99
88) Benzo(b)fluoranthene	22.886	252	4999778	49.420	ng	99
89) Benzo(k)fluoranthene	22.944	252	4627635	48.252	ng	99
90) Benzo(a)pyrene	23.603	252	4576664	52.311	ng	100
91) Dibenzo(a,h)anthracene	26.791	278	4678711	53.203	ng	99
92) Benzo(g,h,i)perylene	27.679	276	4555260	49.826	ng	99

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

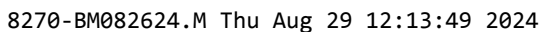
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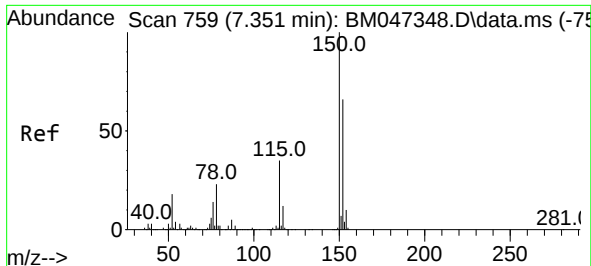
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BNA_M
ClientSampleId :
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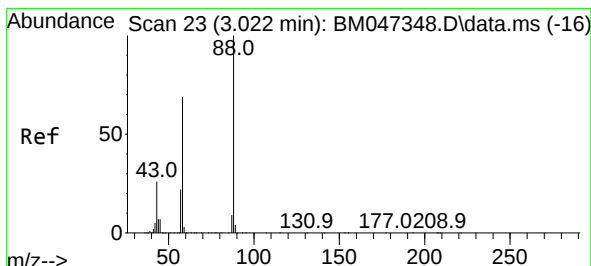
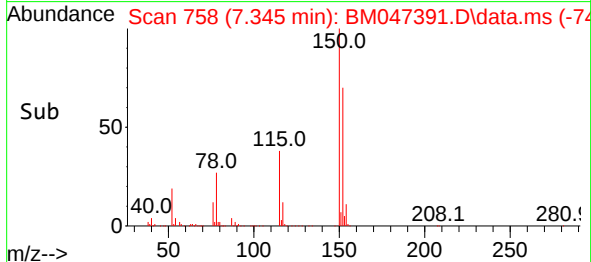
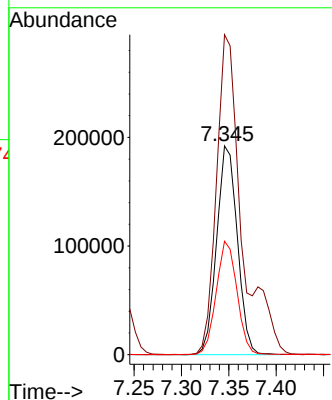
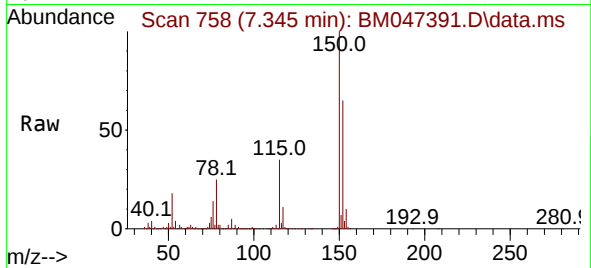




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

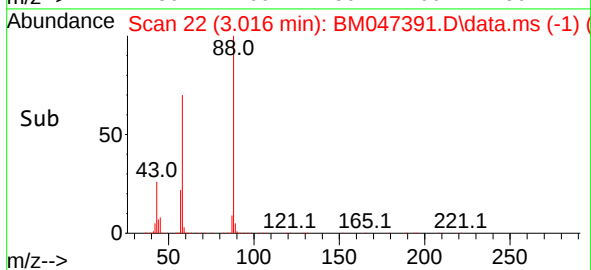
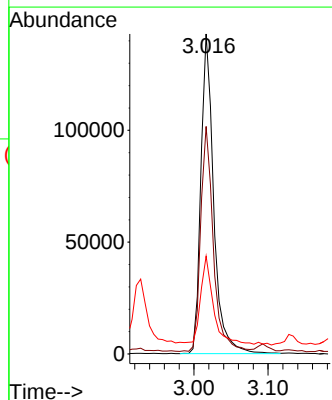
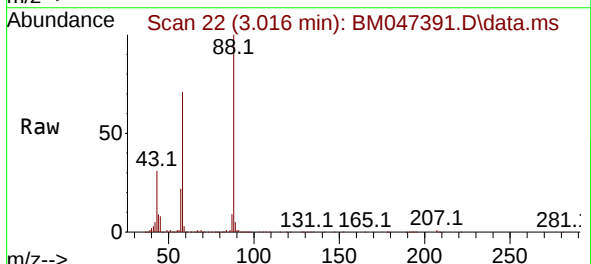
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ClientSampleId :
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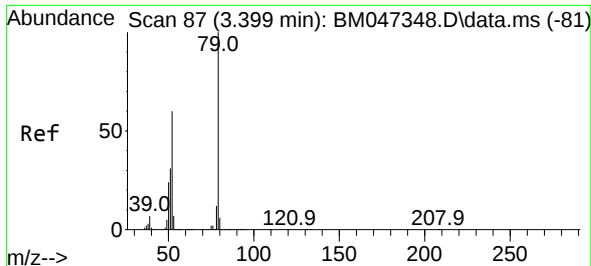
Tgt Ion:152 Resp: 293280
Ion Ratio Lower Upper
152 100
150 153.2 121.3 181.9
115 54.3 42.6 64.0



#2
1,4-Dioxane
Concen: 27.473 ng
RT: 3.016 min Scan# 22
Delta R.T. -0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion: 88 Resp: 171895
Ion Ratio Lower Upper
88 100
58 68.8 55.4 83.0
43 27.2 20.7 31.1



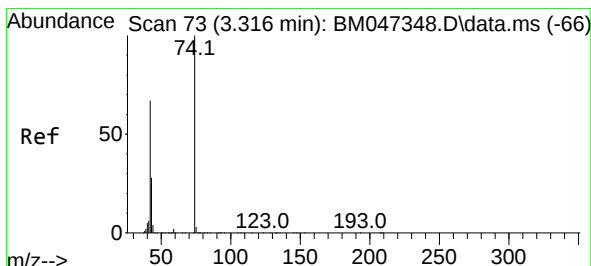
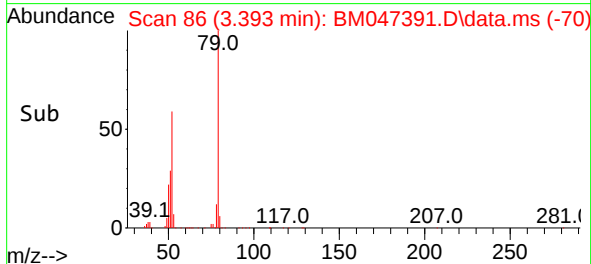
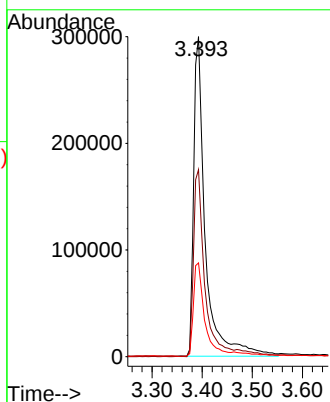
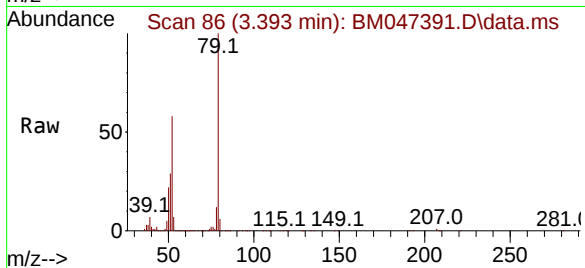


#3
 Pyridine
 Concen: 27.728 ng
 RT: 3.393 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM047391.D
 Acq: 29 Aug 2024 11:37

Instrument :
 BNA_M
 ClientSampleId :
 PB163024BS

Tgt Ion: 79 Resp: 481522

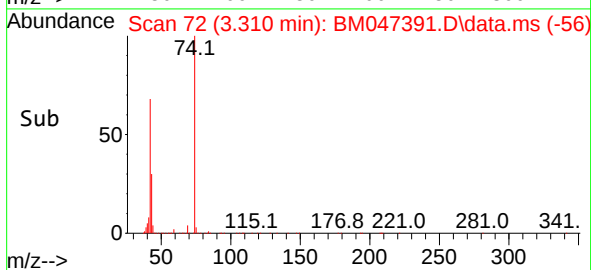
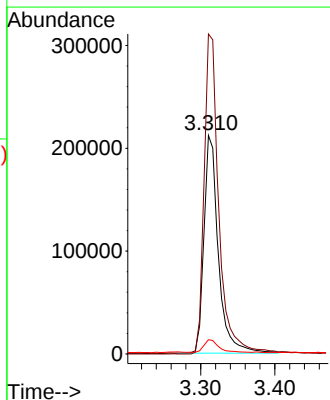
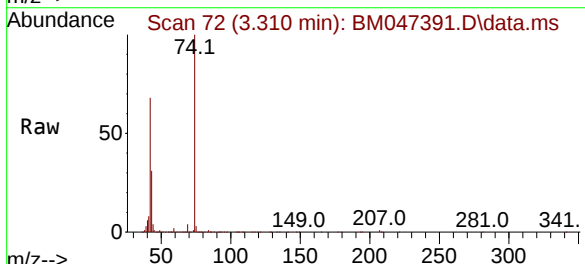
Ion	Ratio	Lower	Upper
79	100		
52	58.5	47.8	71.6
51	29.3	25.0	37.4

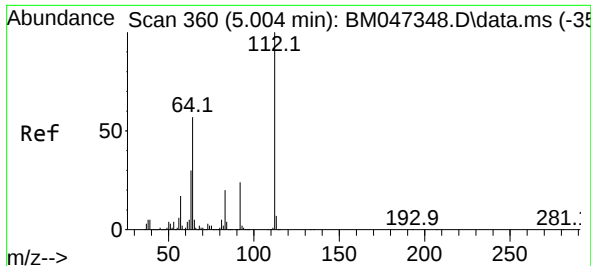


#4
 n-Nitrosodimethylamine
 Concen: 40.589 ng
 RT: 3.310 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM047391.D
 Acq: 29 Aug 2024 11:37

Tgt Ion: 42 Resp: 287065

Ion	Ratio	Lower	Upper
42	100		
74	146.4	119.2	178.8
44	6.5	5.2	7.8

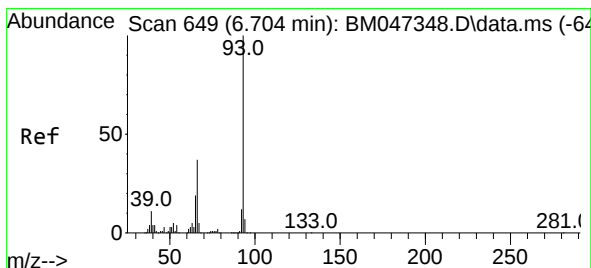
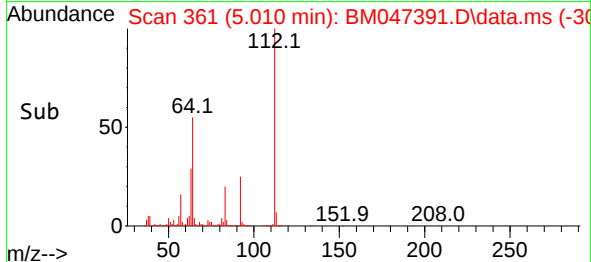
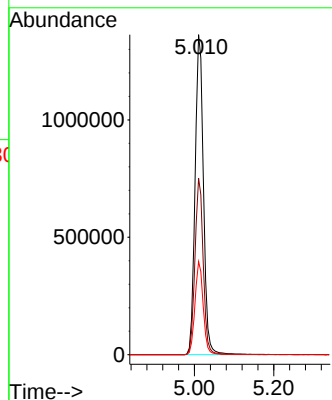
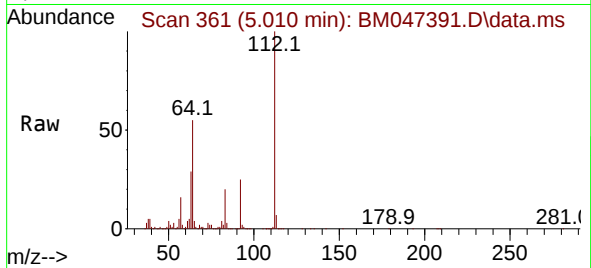




#5
2-Fluorophenol
Concen: 130.625 ng
RT: 5.010 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM047391.D
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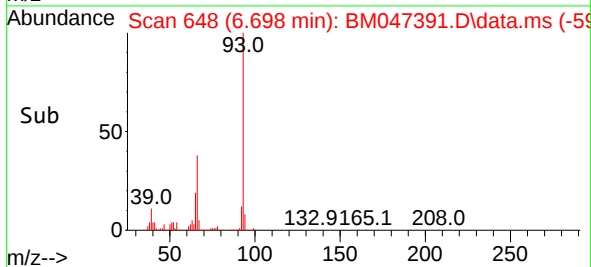
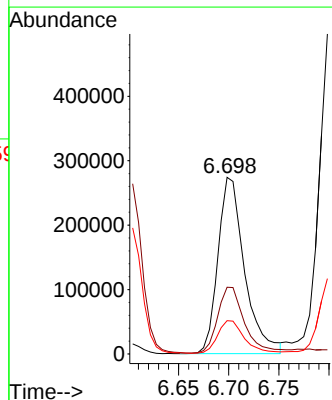
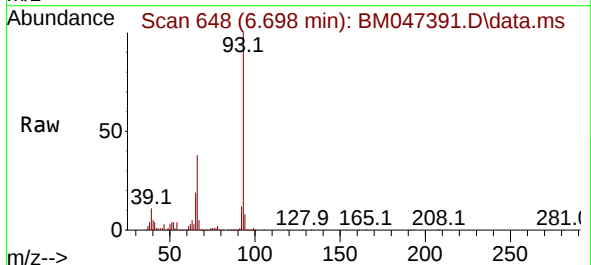
Instrument :
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ClientSampleId :
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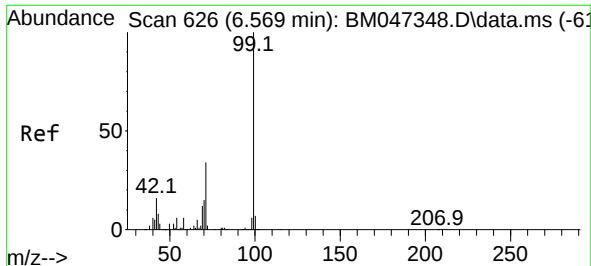
Tgt Ion:112 Resp: 1996798
Ion Ratio Lower Upper
112 100
64 55.2 45.7 68.5
63 29.1 23.8 35.8



#6
Aniline
Concen: 26.772 ng
RT: 6.698 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion: 93 Resp: 504940
Ion Ratio Lower Upper
93 100
66 37.7 30.0 45.0
65 18.8 15.5 23.3





#7

Phenol-d6

Concen: 127.338 ng

RT: 6.581 min Scan# 61

Delta R.T. 0.012 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

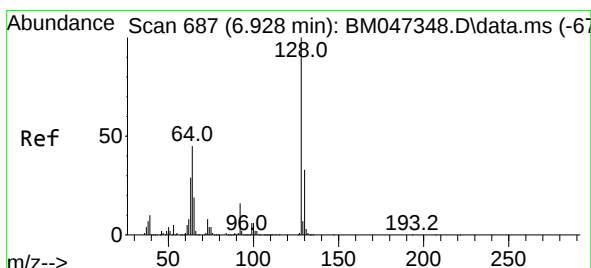
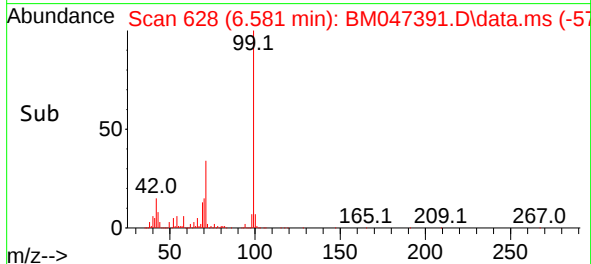
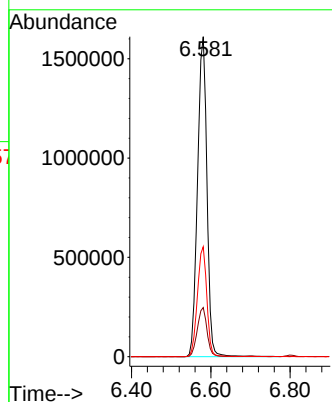
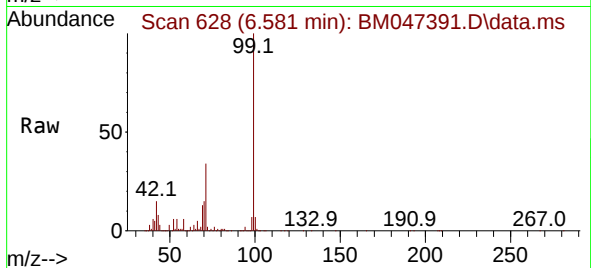
BNA_M

ClientSampleId :

PB163024BS

Tgt Ion: 99 Resp: 2651723

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.0	19.4
71	34.4	27.5	41.3



#8

2-Chlorophenol

Concen: 49.611 ng

RT: 6.934 min Scan# 688

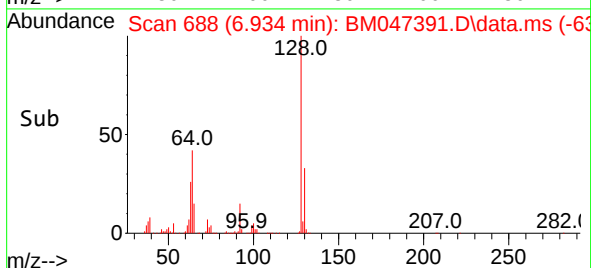
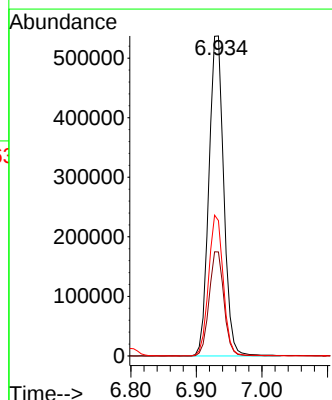
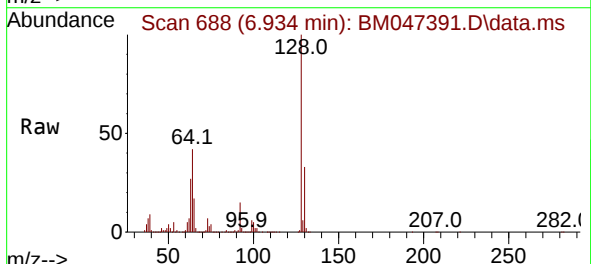
Delta R.T. 0.006 min

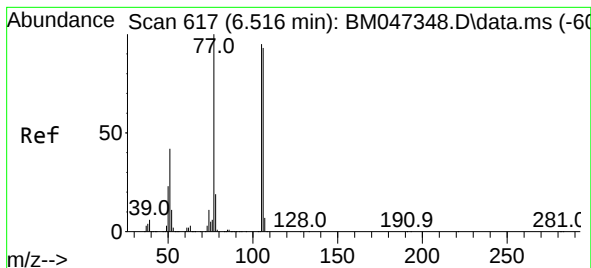
Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Tgt Ion:128 Resp: 848844

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	42.3	25.3	65.3





#9

Benzaldehyde

Concen: 10.681 ng

RT: 6.516 min Scan# 617

Delta R.T. 0.000 min

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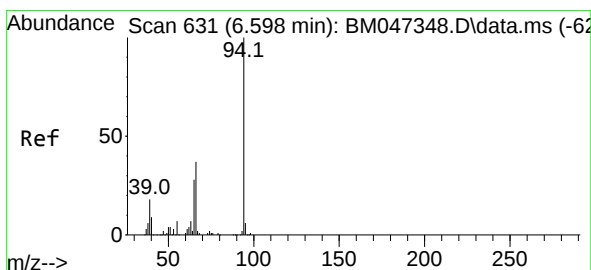
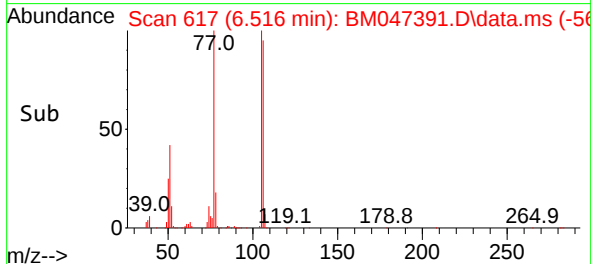
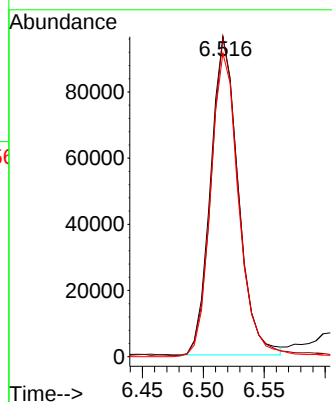
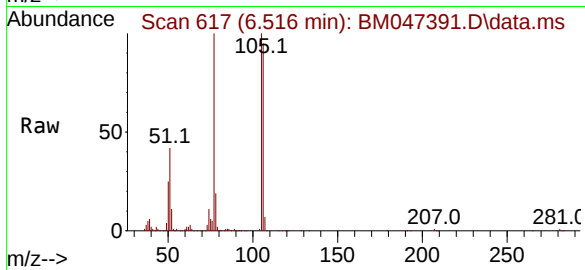
Tgt Ion: 77 Resp: 151960

Ion Ratio Lower Upper

77 100

105 99.9 74.9 114.9

106 94.9 72.6 112.6



#10

Phenol

Concen: 48.478 ng

RT: 6.604 min Scan# 632

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

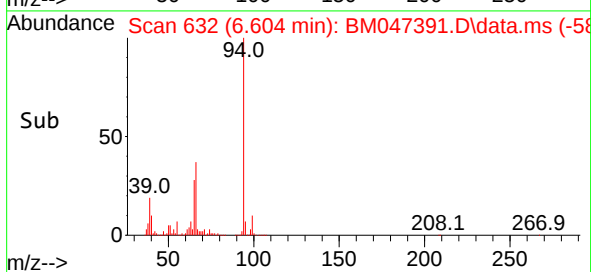
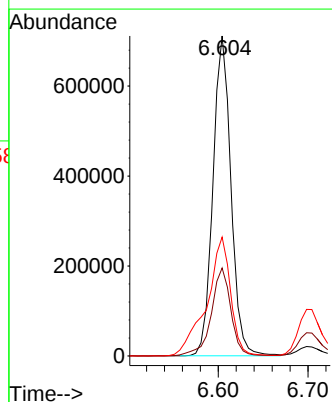
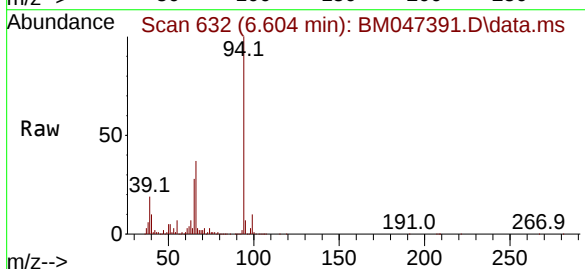
Tgt Ion: 94 Resp: 993232

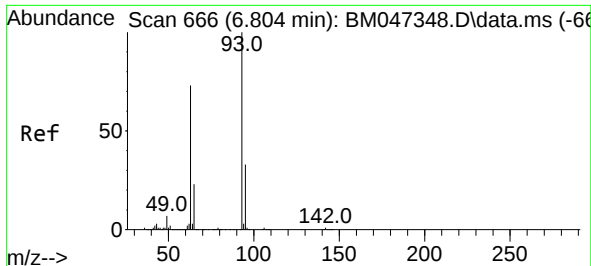
Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

66 37.2 17.3 57.3

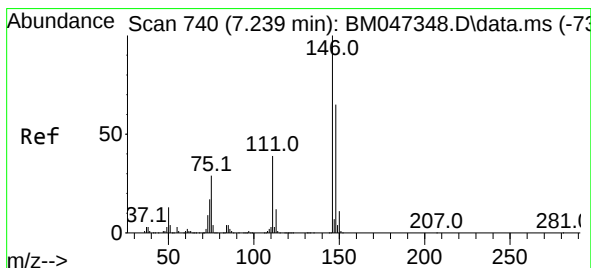
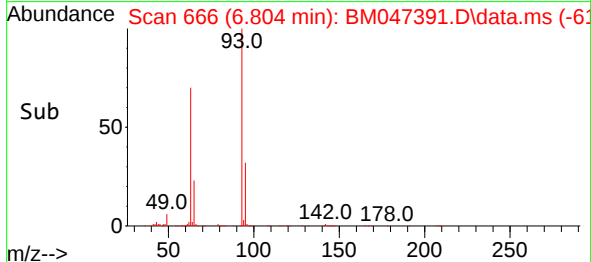
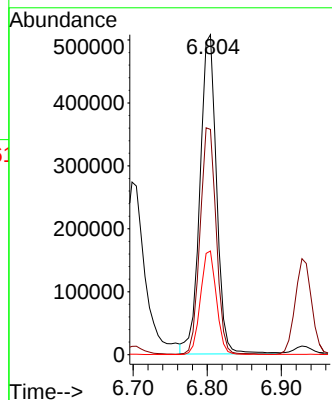
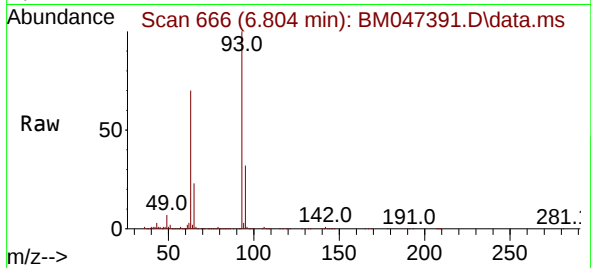




#11
bis(2-Chloroethyl)ether
Concen: 44.447 ng
RT: 6.804 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

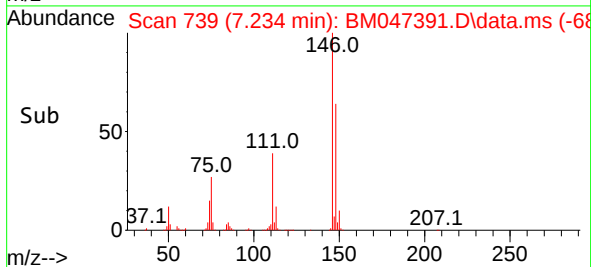
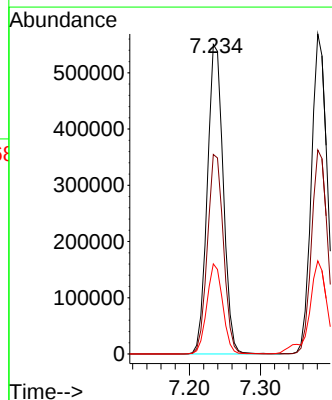
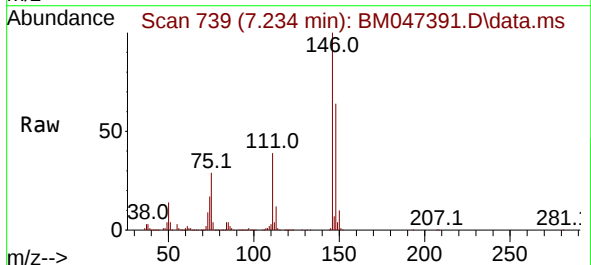
Instrument :
BNA_M
ClientSampleId :
PB163024BS

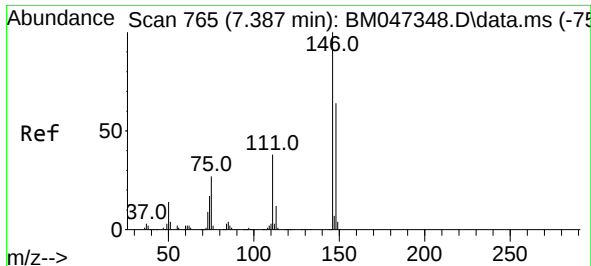
Tgt Ion: 93 Resp: 789145
Ion Ratio Lower Upper
93 100
63 70.4 52.2 92.2
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.136 ng
RT: 7.234 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion: 146 Resp: 860657
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
75 29.1 23.3 34.9

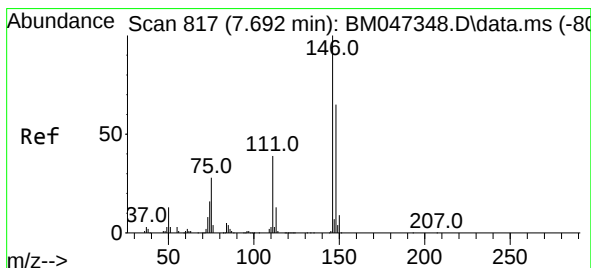
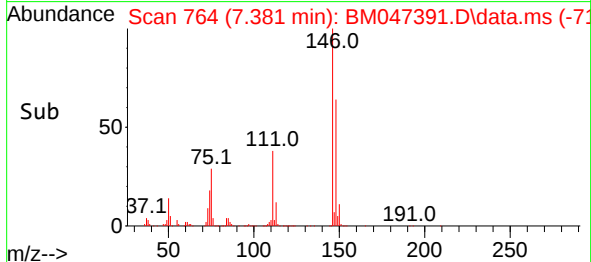
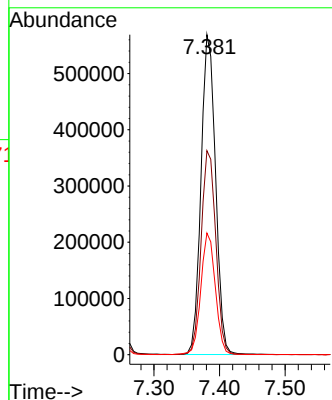
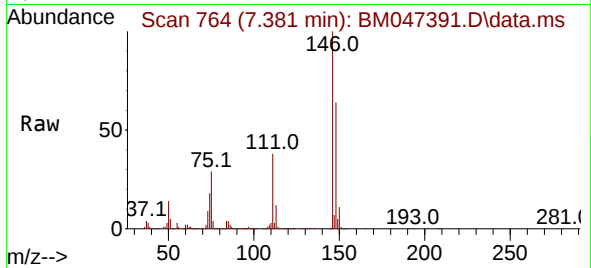




#13
1,4-Dichlorobenzene
Concen: 41.532 ng
RT: 7.381 min Scan# 764
Delta R.T. -0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

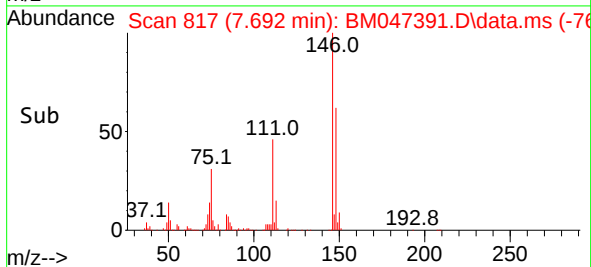
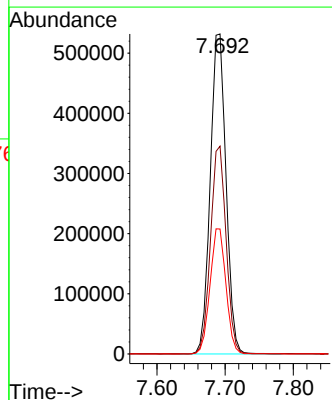
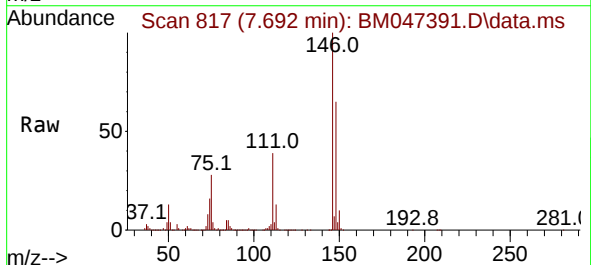
Instrument :
BNA_M
ClientSampleId :
PB163024BS

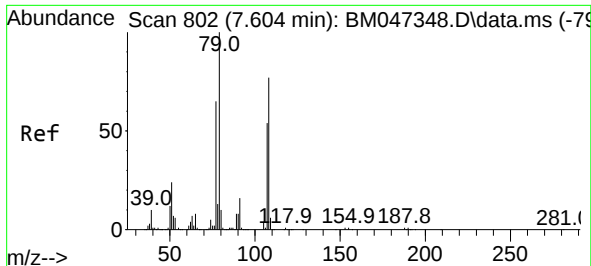
Tgt Ion:146 Resp: 880038
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 38.0 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 42.703 ng
RT: 7.692 min Scan# 817
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:146 Resp: 857490
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
111 39.1 31.7 47.5

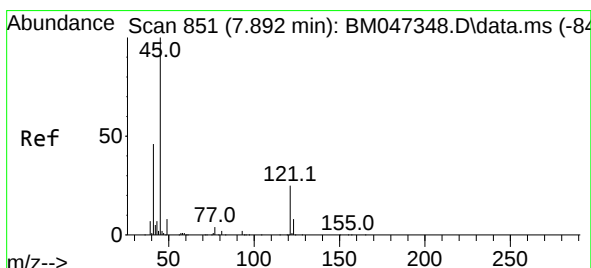
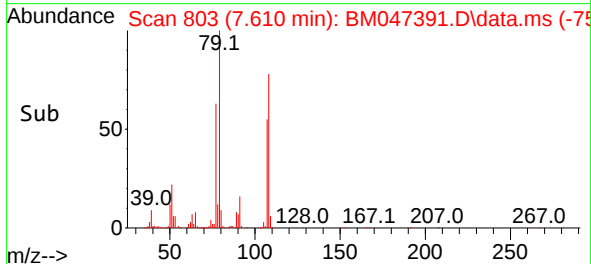
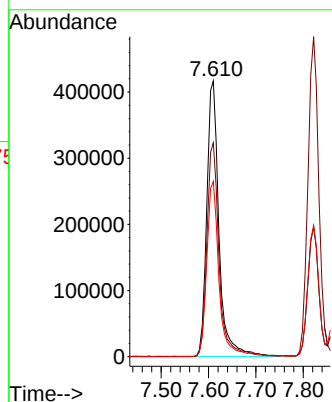
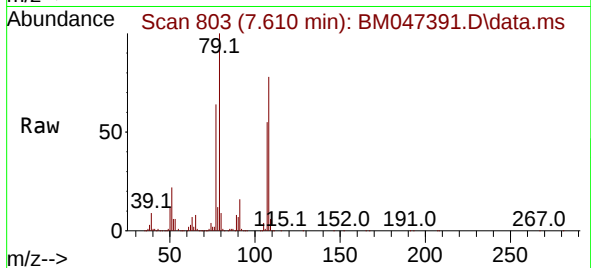




#15
Benzyl Alcohol
Concen: 51.597 ng
RT: 7.610 min Scan# 803
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

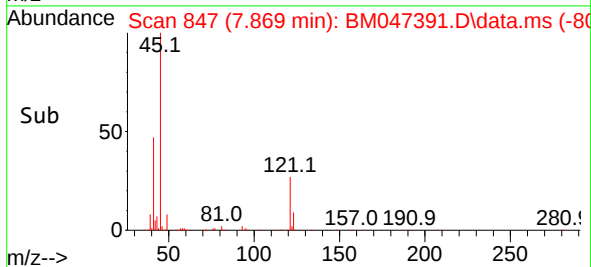
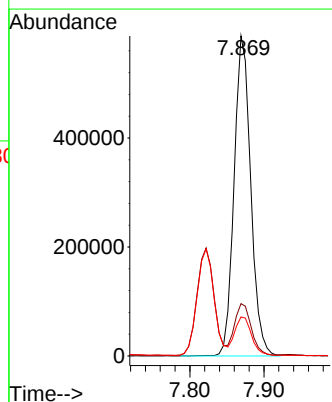
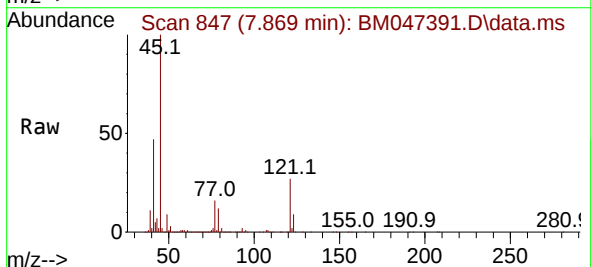
Instrument :
BNA_M
ClientSampleId :
PB163024BS

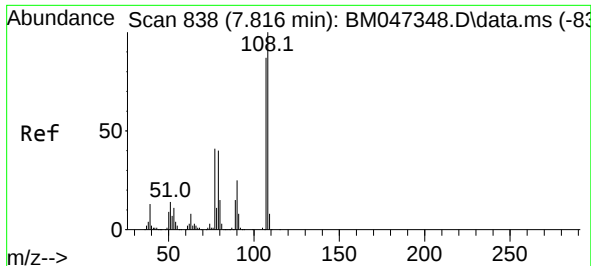
Tgt Ion: 79 Resp: 744902
Ion Ratio Lower Upper
79 100
108 77.6 61.1 91.7
77 63.5 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.057 ng
RT: 7.869 min Scan# 847
Delta R.T. -0.024 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion: 45 Resp: 916630
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.7
79 12.2 0.0 33.0

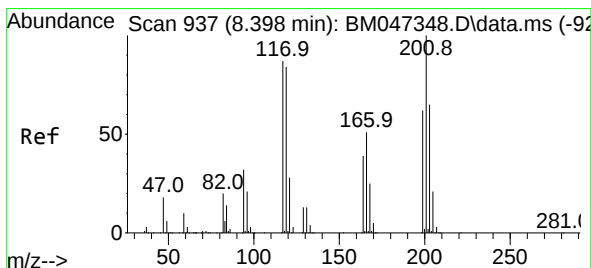
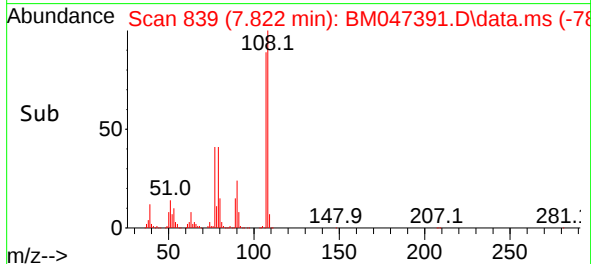
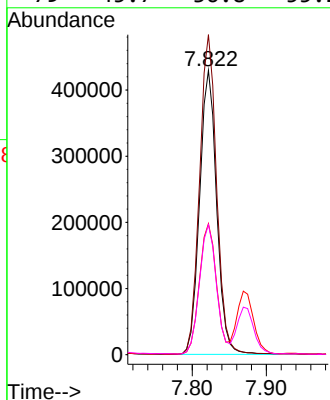
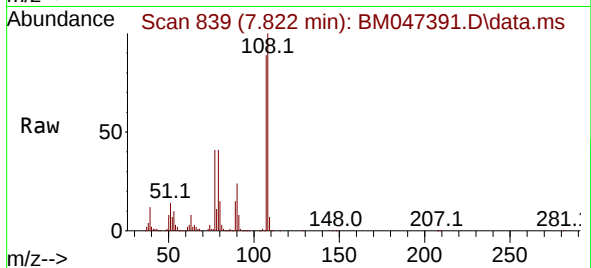




#17
2-Methylphenol
Concen: 48.341 ng
RT: 7.822 min Scan# 811
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

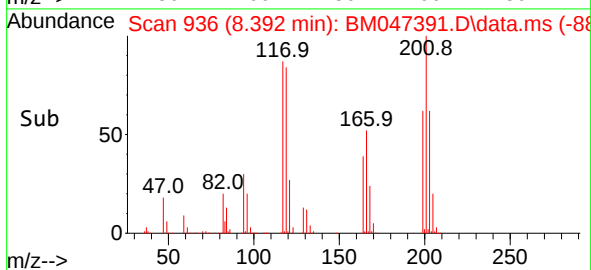
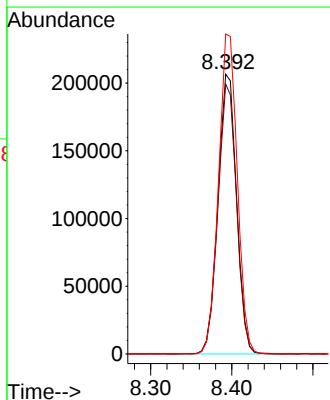
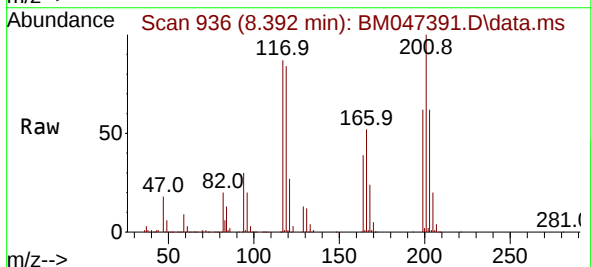
Instrument :
BNA_M
ClientSampleId :
PB163024BS

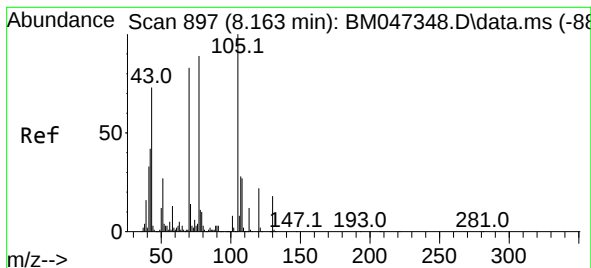
Tgt Ion:	107	Resp:	688113
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.6	137.4
77	46.1	38.0	57.0
79	45.7	36.8	55.2



#18
Hexachloroethane
Concen: 41.705 ng
RT: 8.392 min Scan# 936
Delta R.T. -0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:	117	Resp:	330348
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.8	116.8
201	114.4	92.3	138.5



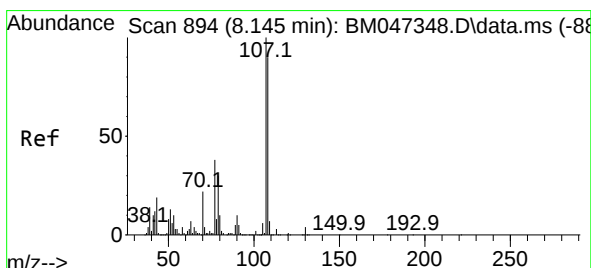
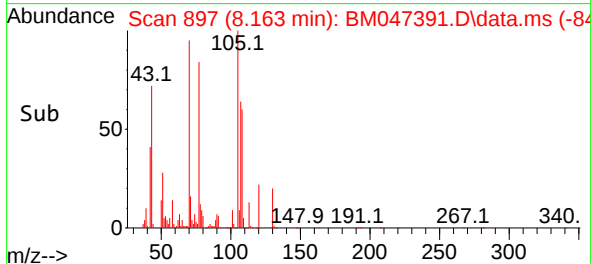
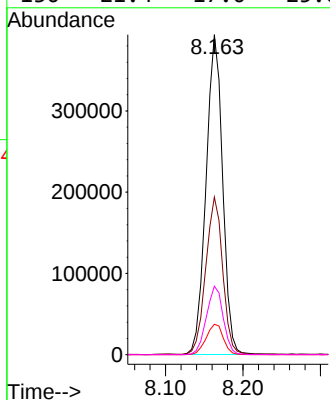
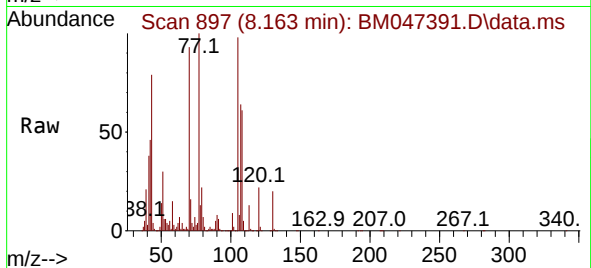


#19
n-Nitroso-di-n-propylamine
Concen: 40.937 ng
RT: 8.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Instrument :
BNA_M
ClientSampleId :
PB163024BS

Tgt Ion: 70 Resp: 586007

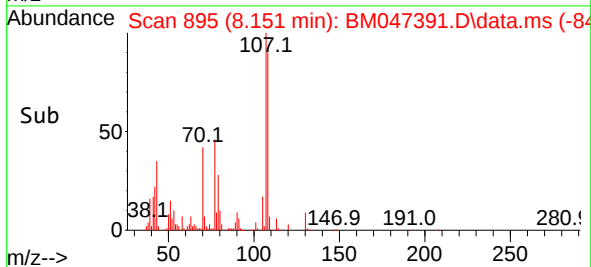
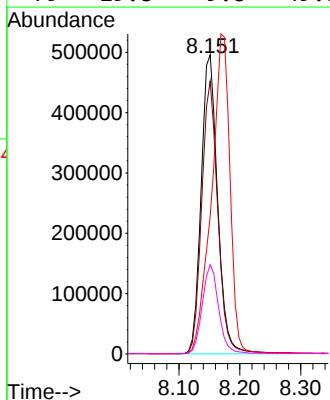
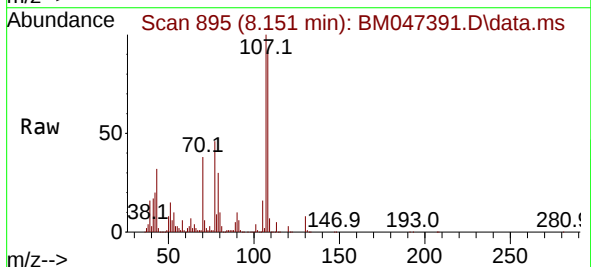
Ion	Ratio	Lower	Upper
70	100		
42	49.3	41.0	61.4
101	9.5	7.9	11.9
130	21.4	17.0	25.6

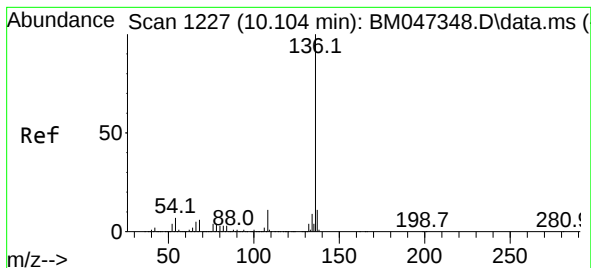


#20
3+4-Methylphenols
Concen: 47.123 ng
RT: 8.151 min Scan# 895
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion: 107 Resp: 932631

Ion	Ratio	Lower	Upper
107	100		
108	91.3	69.8	109.8
77	46.1	18.0	58.0
79	29.8	9.8	49.8

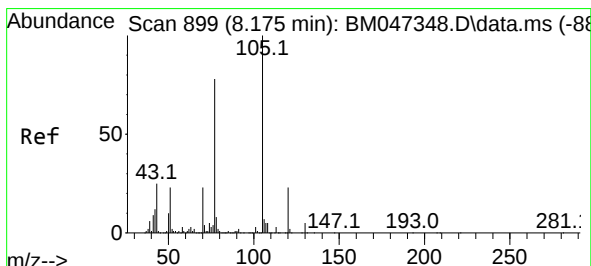
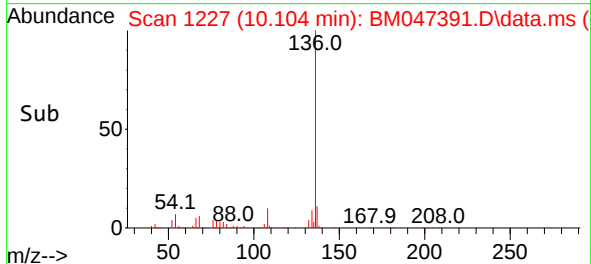
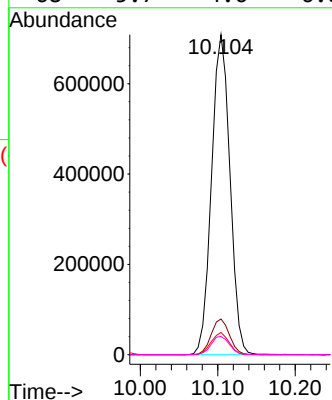
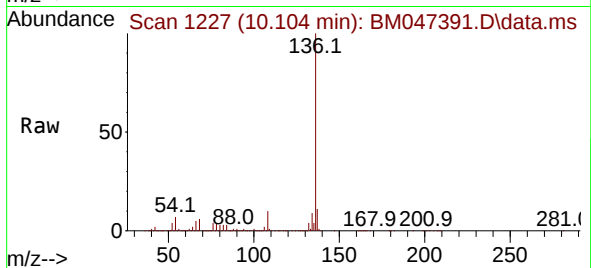




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

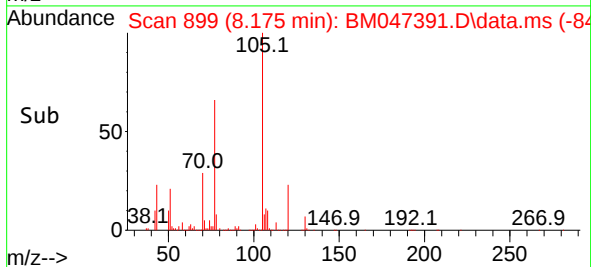
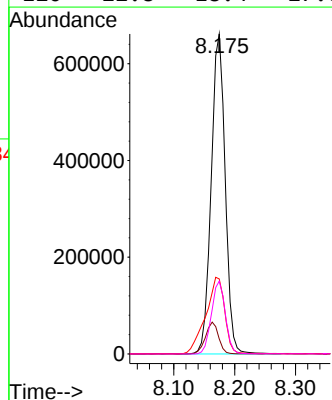
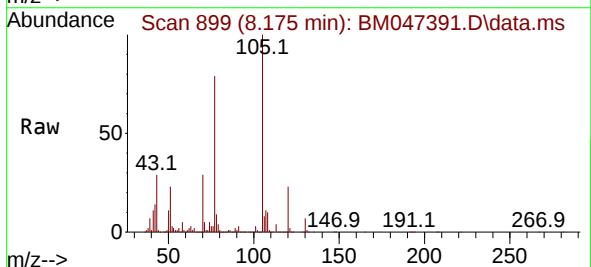
Instrument :
BNA_M
ClientSampleId :
PB163024BS

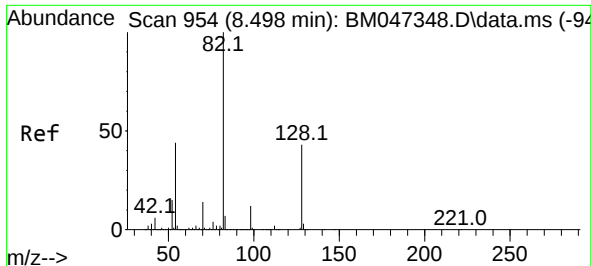
Tgt Ion:136 Resp: 1171133
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 5.2 7.8
68 5.7 4.6 6.8



#22
Acetophenone
Concen: 38.932 ng
RT: 8.175 min Scan# 899
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:105 Resp: 1058146
Ion Ratio Lower Upper
105 100
71 4.7 3.1 4.7#
51 23.5 18.7 28.1
120 22.8 18.4 27.6

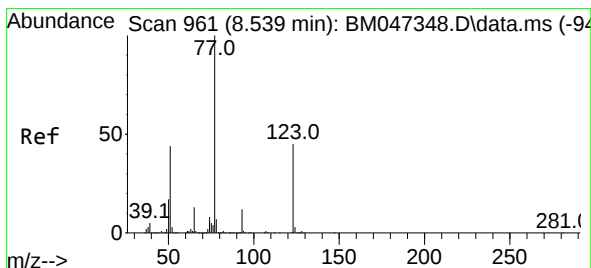
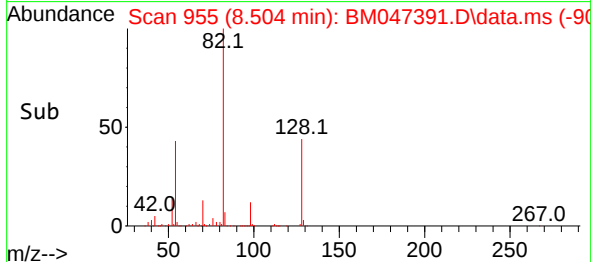
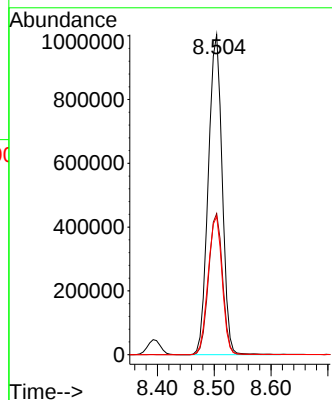
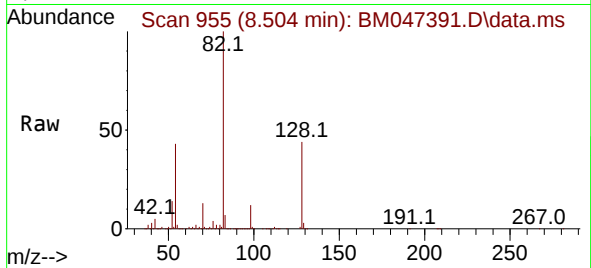




#23
Nitrobenzene-d5
Concen: 80.300 ng
RT: 8.504 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

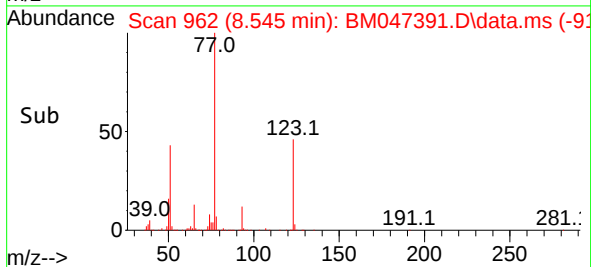
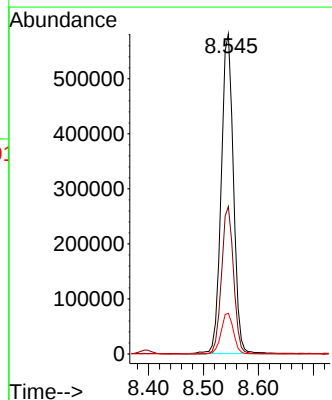
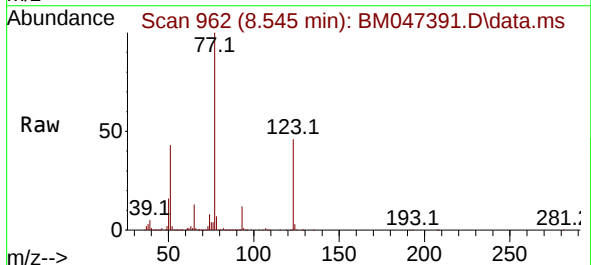
Instrument :
BNA_M
ClientSampleId :
PB163024BS

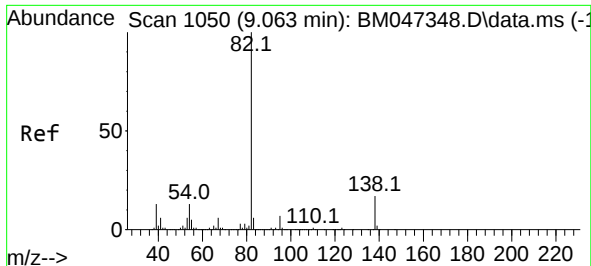
Tgt Ion: 82 Resp: 1694888
Ion Ratio Lower Upper
82 100
128 44.1 34.6 51.8
54 43.2 35.5 53.3



#24
Nitrobenzene
Concen: 41.307 ng
RT: 8.545 min Scan# 962
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion: 77 Resp: 896705
Ion Ratio Lower Upper
77 100
123 46.0 35.6 53.4
65 12.7 10.5 15.7

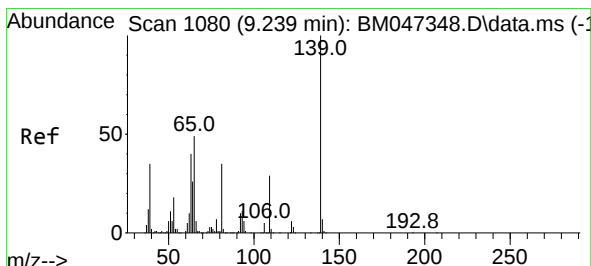
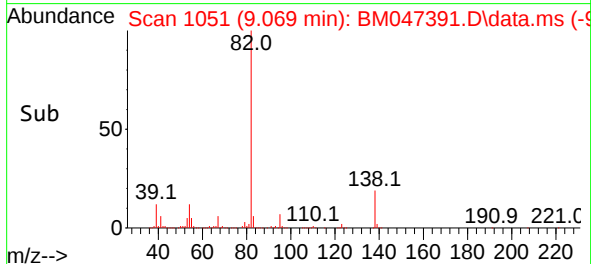
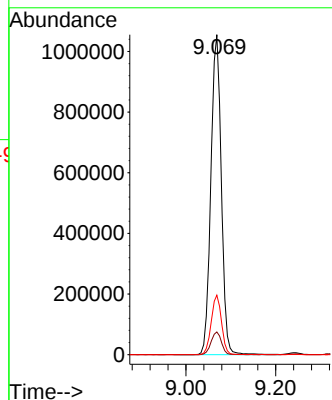
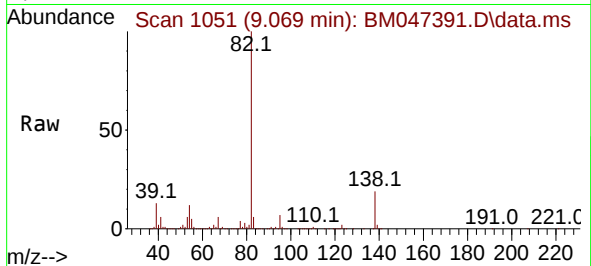




#25
Isophorone
Concen: 42.573 ng
RT: 9.069 min Scan# 1051
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

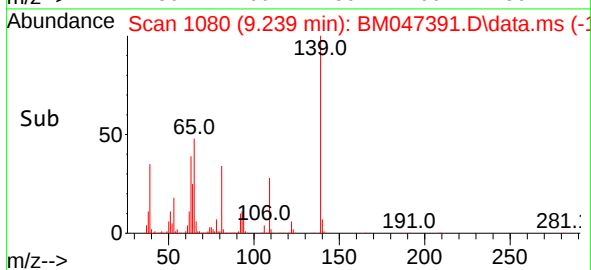
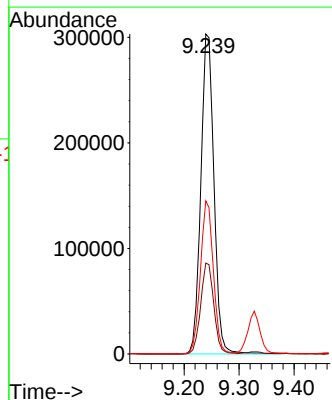
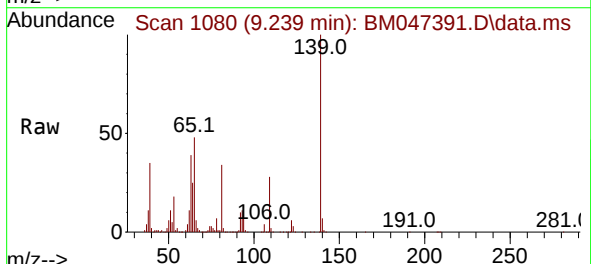
Instrument :
BNA_M
ClientSampleId :
PB163024BS

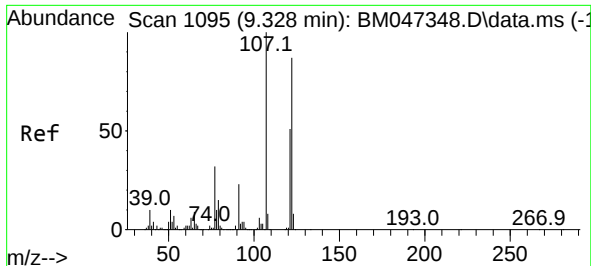
Tgt Ion: 82 Resp: 1698320
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.6 13.9 20.9



#26
2-Nitrophenol
Concen: 47.106 ng
RT: 9.239 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:139 Resp: 502993
Ion Ratio Lower Upper
139 100
109 28.4 23.4 35.0
65 47.8 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 51.666 ng

RT: 9.328 min Scan# 1095

Delta R.T. 0.000 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

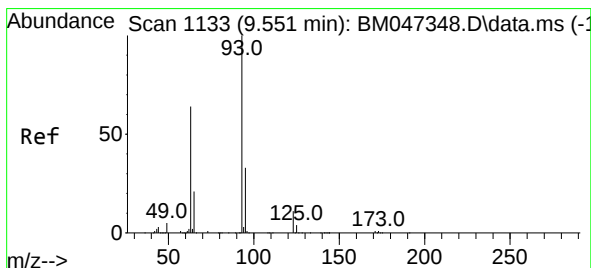
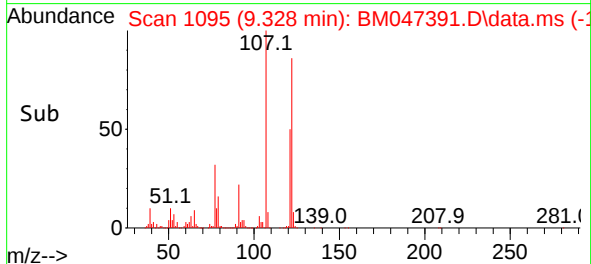
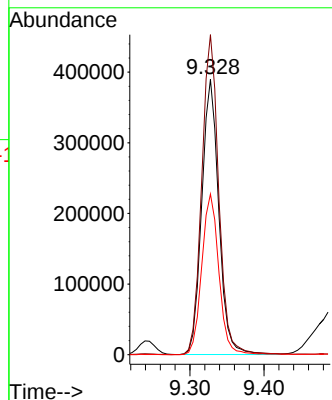
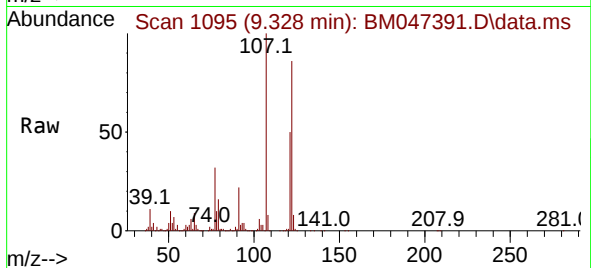
Tgt Ion:122 Resp: 622719

Ion Ratio Lower Upper

122 100

107 116.2 91.9 137.9

121 58.3 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.595 ng

RT: 9.551 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

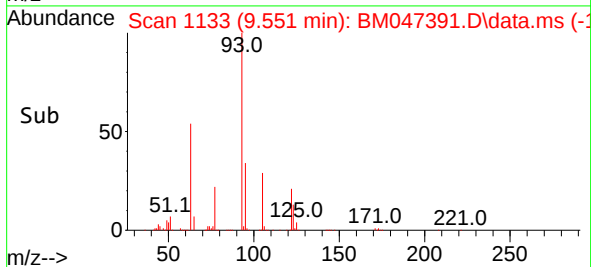
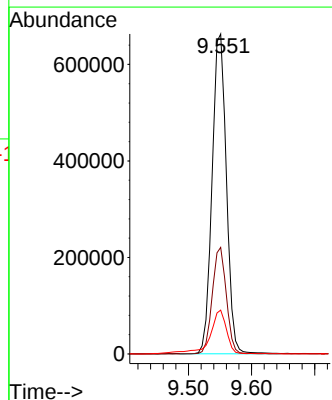
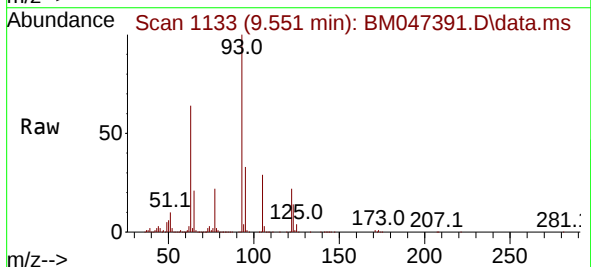
Tgt Ion: 93 Resp: 1040534

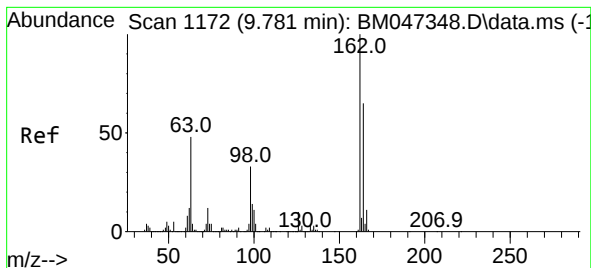
Ion Ratio Lower Upper

93 100

95 33.3 26.6 39.8

123 13.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 49.881 ng

RT: 9.786 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

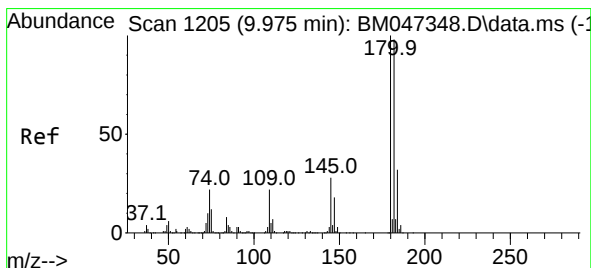
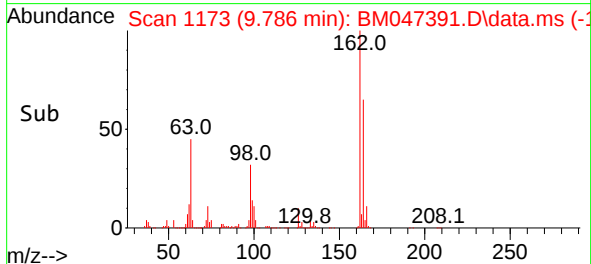
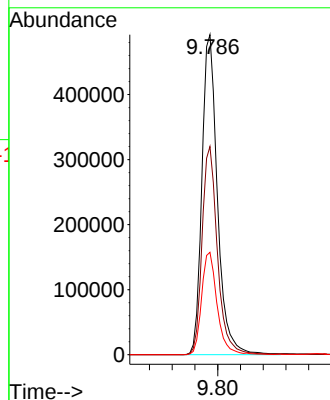
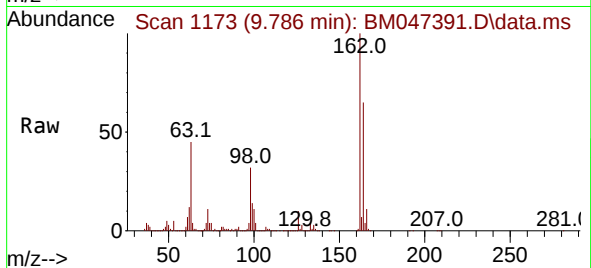
Tgt Ion:162 Resp: 932601

Ion Ratio Lower Upper

162 100

164 65.0 44.6 84.6

98 32.0 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 42.245 ng

RT: 9.975 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

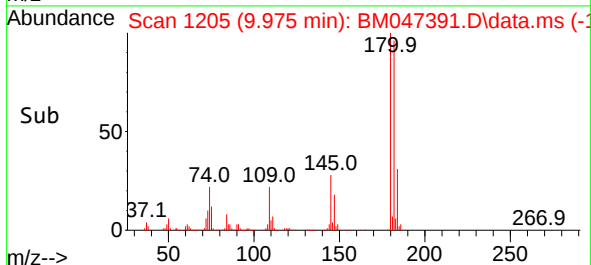
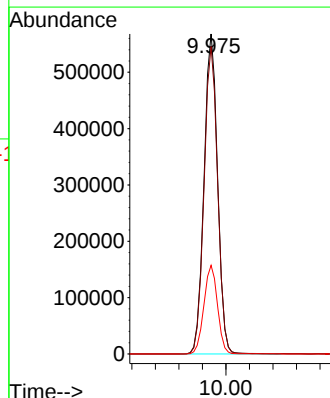
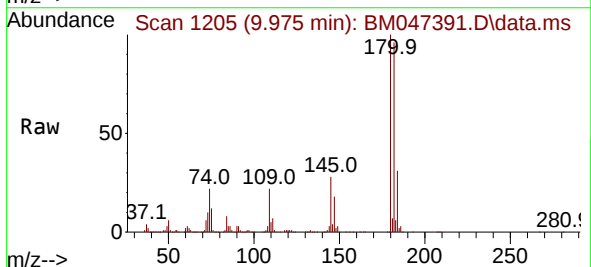
Tgt Ion:180 Resp: 912311

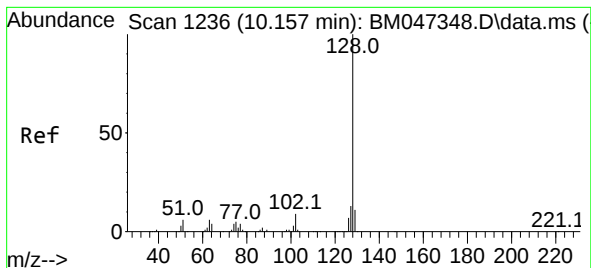
Ion Ratio Lower Upper

180 100

182 96.1 78.2 117.2

145 27.7 22.3 33.5

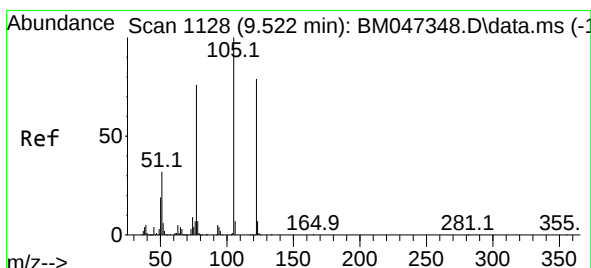
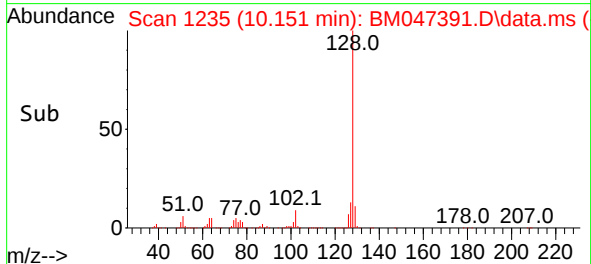
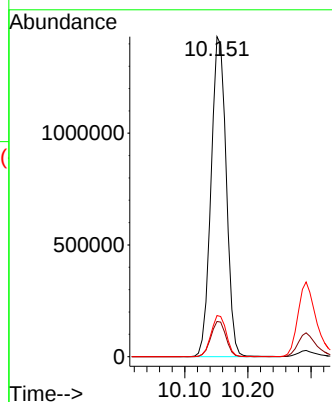
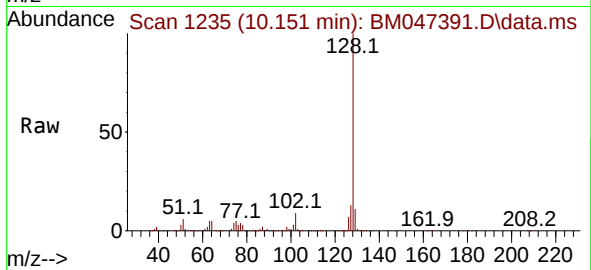




#31
Naphthalene
Concen: 41.833 ng
RT: 10.151 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

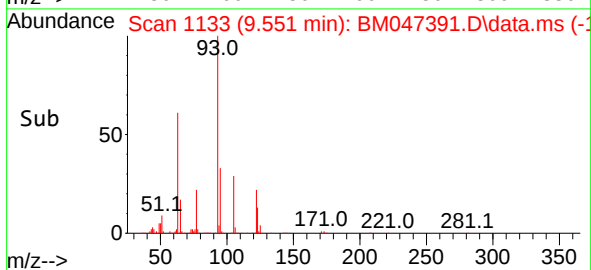
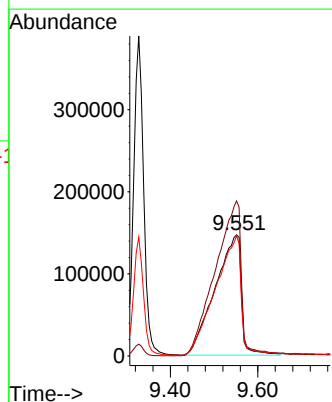
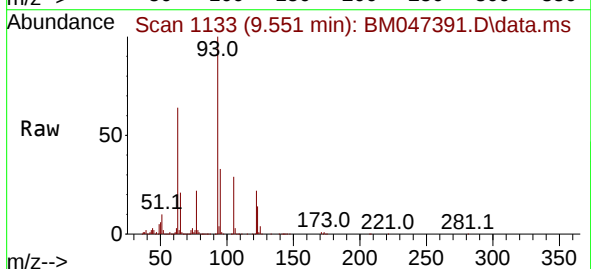
Instrument :
BNA_M
ClientSampleId :
PB163024BS

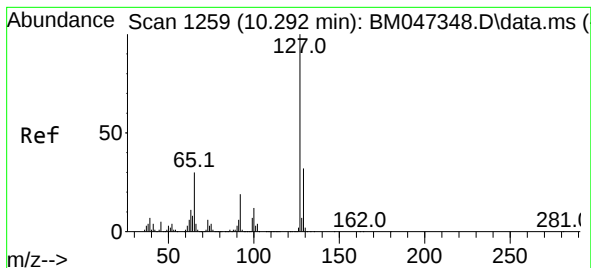
Tgt Ion:128 Resp: 2392852
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 42.630 ng
RT: 9.551 min Scan# 1133
Delta R.T. 0.029 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:122 Resp: 613538
Ion Ratio Lower Upper
122 100
105 128.0 106.0 146.0
77 99.2 76.3 116.3

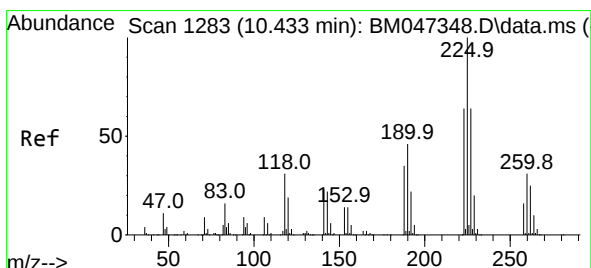
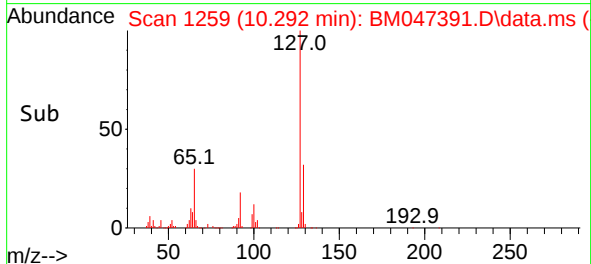
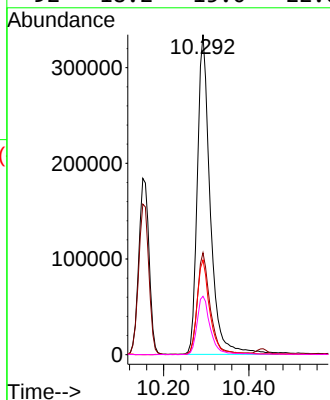
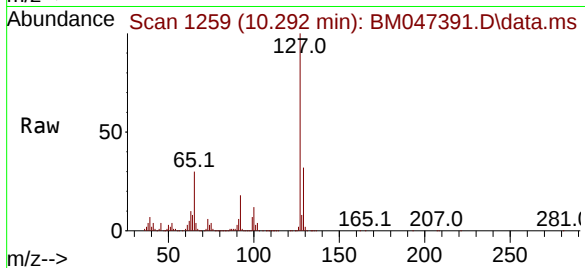




#33
4-Chloroaniline
Concen: 33.123 ng
RT: 10.292 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

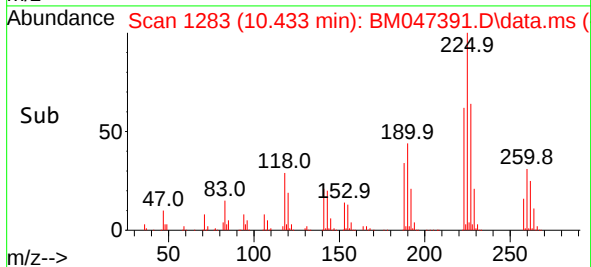
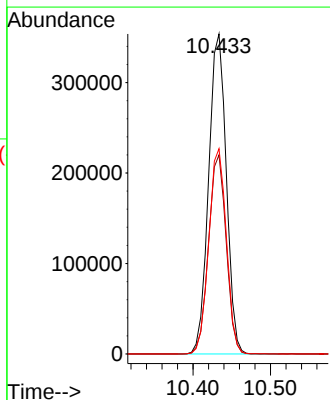
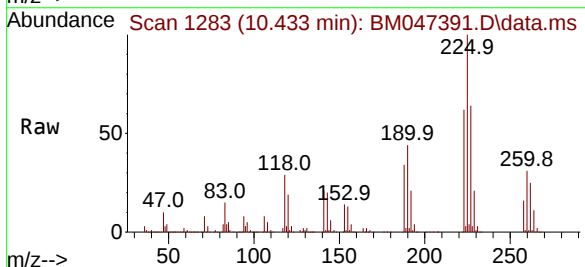
Instrument :
BNA_M
ClientSampleId :
PB163024BS

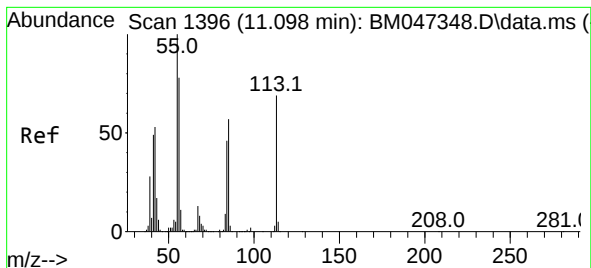
Tgt Ion:	127	Resp:	704469
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	29.6	24.2	36.2
92	18.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.503 ng
RT: 10.433 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:	225	Resp:	559742
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.1	76.7
227	64.2	51.0	76.6





#35

Caprolactam

Concen: 25.464 ng

RT: 11.122 min Scan# 1400

Delta R.T. 0.024 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

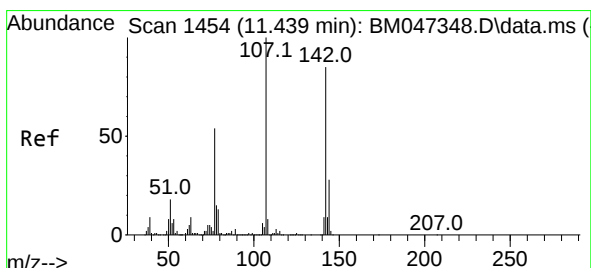
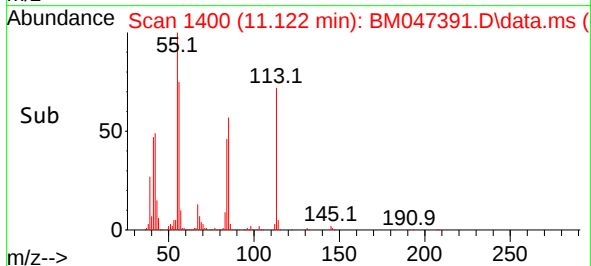
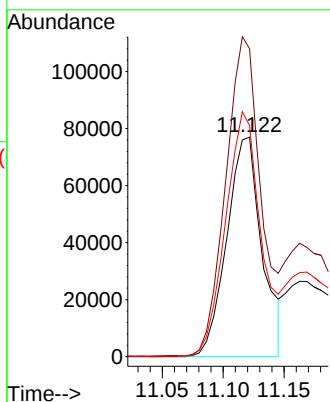
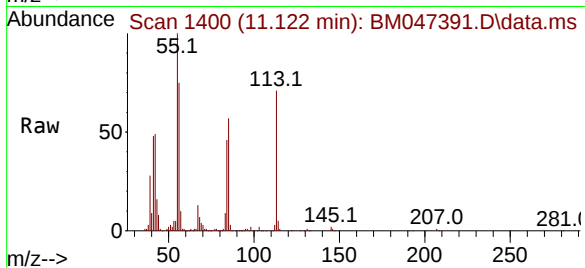
Tgt Ion:113 Resp: 154230

Ion Ratio Lower Upper

113 100

55 140.3 126.2 166.2

56 105.3 93.2 133.2



#36

4-Chloro-3-methylphenol

Concen: 47.643 ng

RT: 11.451 min Scan# 1456

Delta R.T. 0.012 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

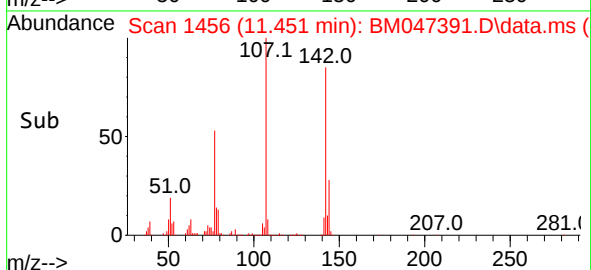
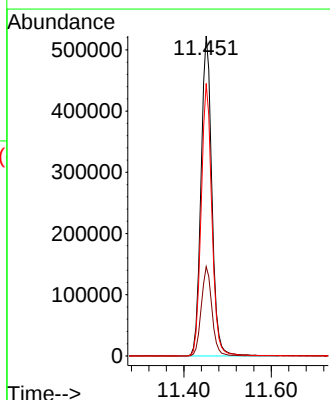
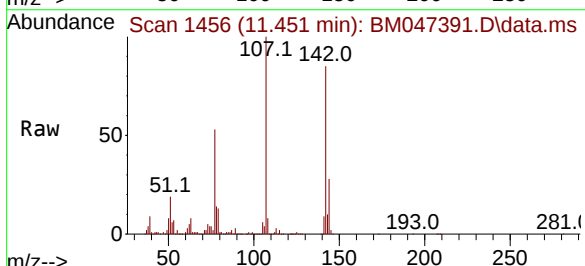
Tgt Ion:107 Resp: 904575

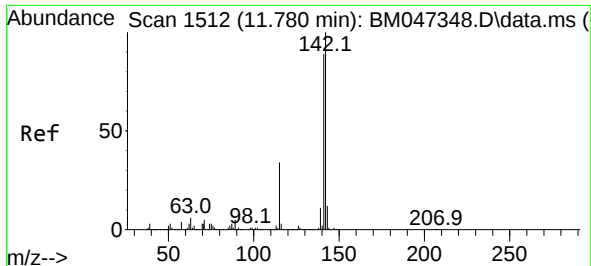
Ion Ratio Lower Upper

107 100

144 27.9 22.2 33.4

142 85.1 67.7 101.5

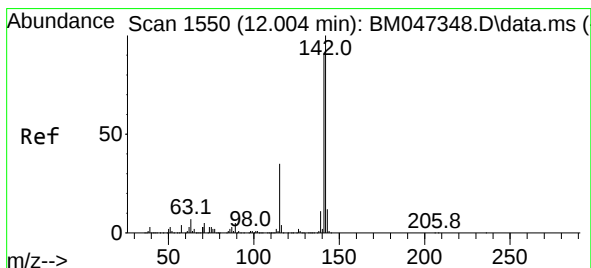
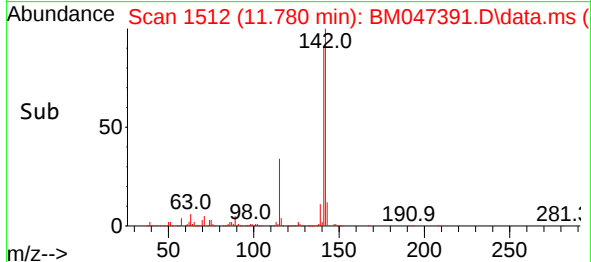
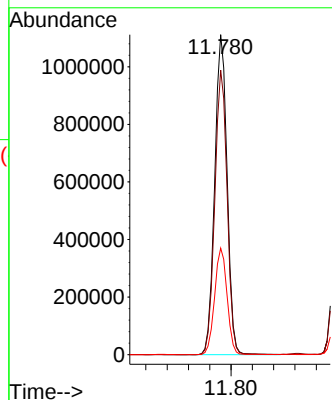
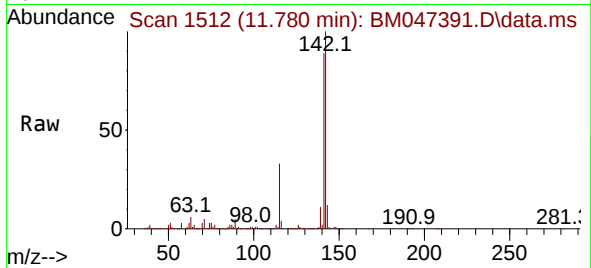




#37
2-Methylnaphthalene
Concen: 43.105 ng
RT: 11.780 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

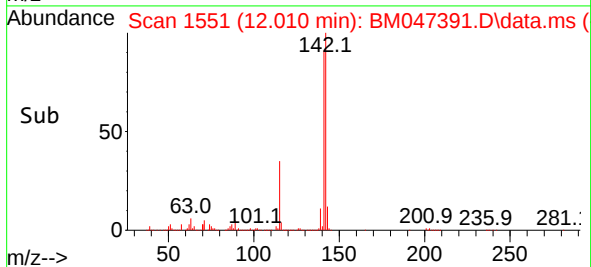
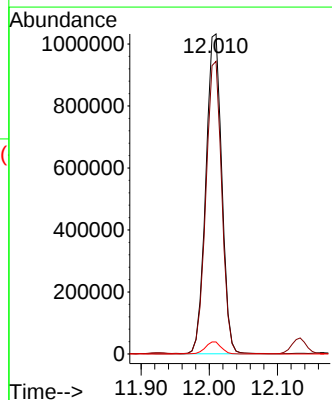
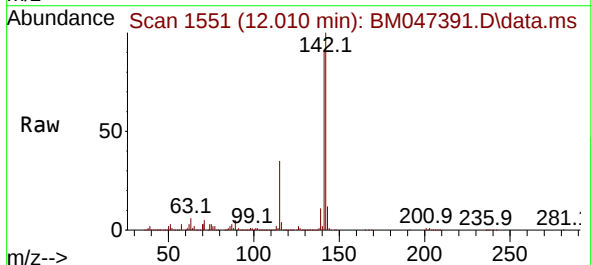
Instrument :
BNA_M
ClientSampleId :
PB163024BS

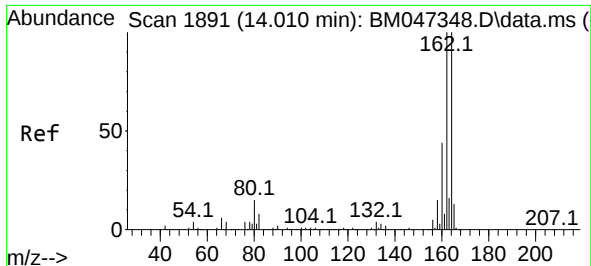
Tgt Ion:142 Resp: 1797781
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
115 33.3 27.5 41.3



#38
1-Methylnaphthalene
Concen: 40.623 ng
RT: 12.010 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:142 Resp: 1675638
Ion Ratio Lower Upper
142 100
141 91.5 72.9 109.3
116 3.8 3.0 4.6

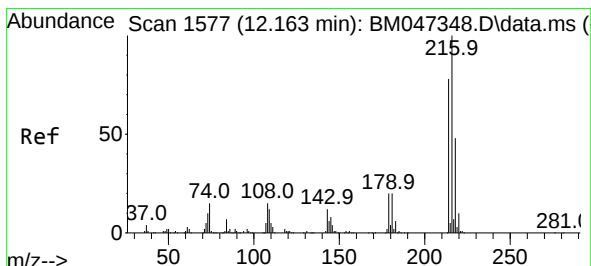
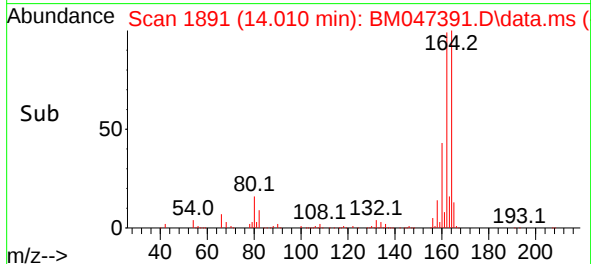
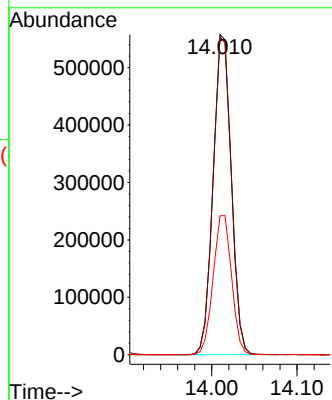
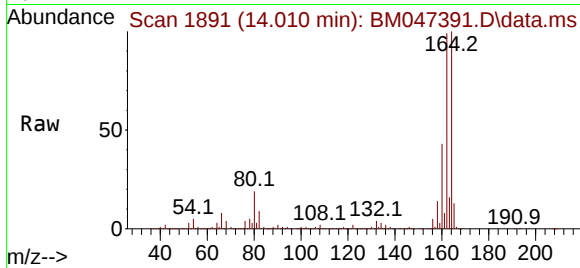




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

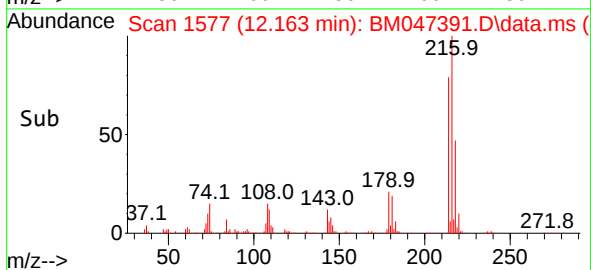
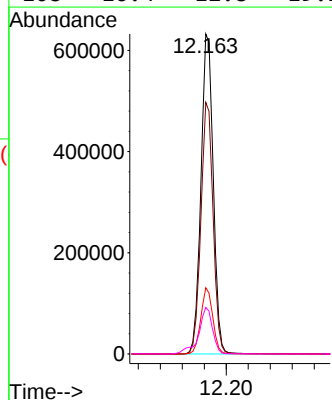
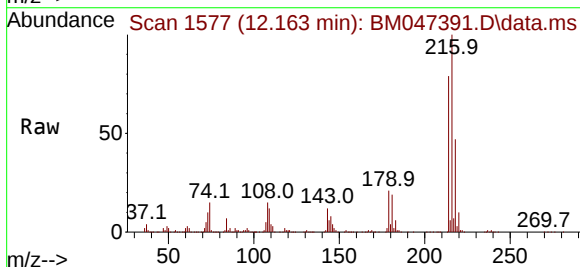
Instrument :
BNA_M
ClientSampleId :
PB163024BS

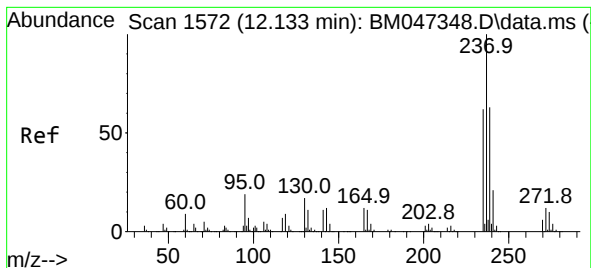
Tgt Ion:164 Resp: 825608
Ion Ratio Lower Upper
164 100
162 99.3 79.7 119.5
160 43.4 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.213 ng
RT: 12.163 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:216 Resp: 983113
Ion Ratio Lower Upper
216 100
214 78.0 62.6 94.0
179 20.2 16.6 24.8
108 16.4 12.8 19.2





#41

Hexachlorocyclopentadiene

Concen: 90.105 ng

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

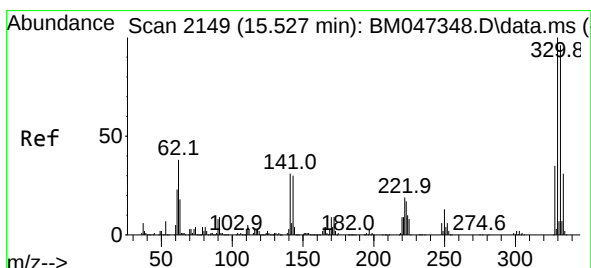
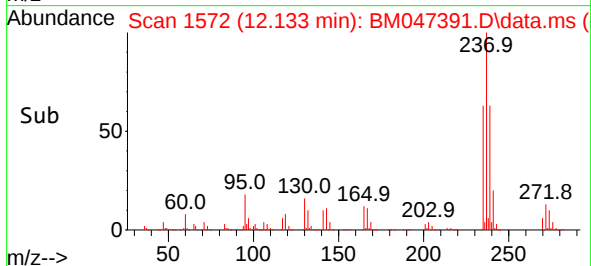
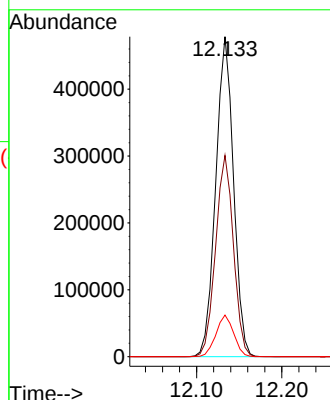
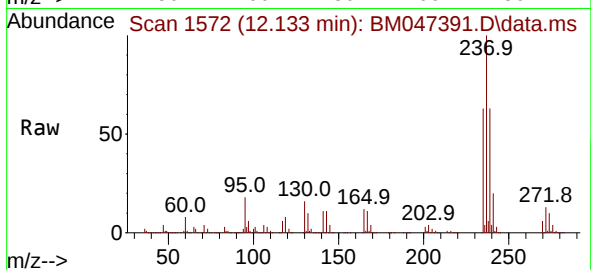
Tgt Ion:237 Resp: 695234

Ion Ratio Lower Upper

237 100

235 62.9 42.1 82.1

272 13.0 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 125.442 ng

RT: 15.527 min Scan# 2149

Delta R.T. 0.000 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

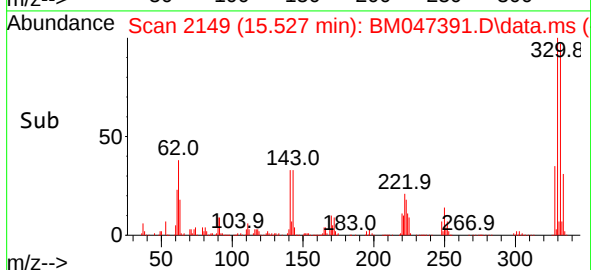
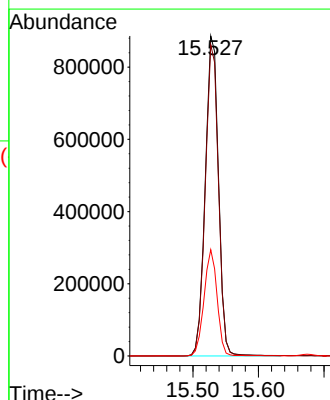
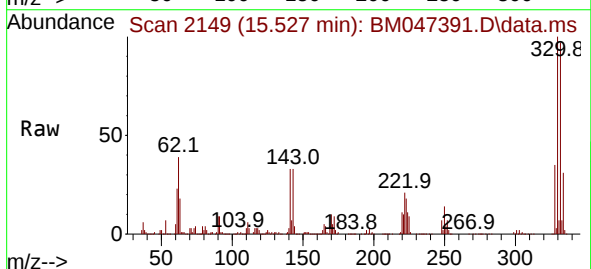
Tgt Ion:330 Resp: 1249509

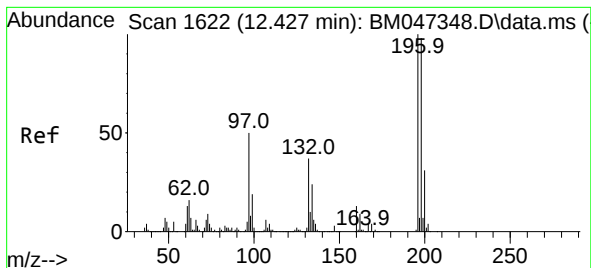
Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

141 32.9 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 47.070 ng

RT: 12.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

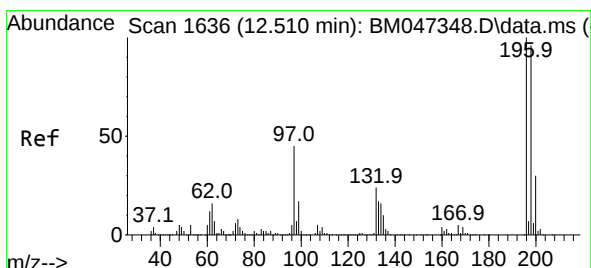
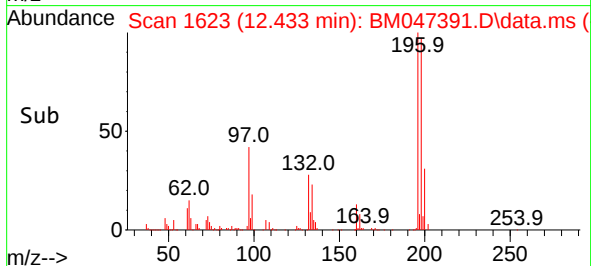
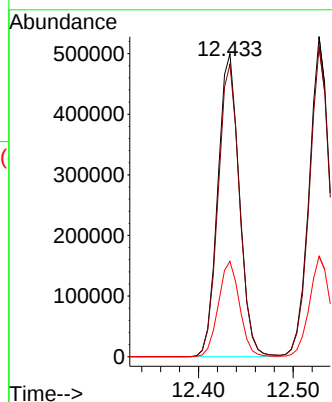
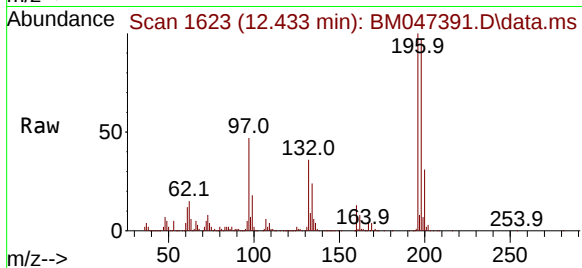
Tgt Ion:196 Resp: 788866

Ion Ratio Lower Upper

196 100

198 96.6 78.2 117.2

200 31.5 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 43.039 ng

RT: 12.527 min Scan# 1639

Delta R.T. 0.018 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Tgt Ion:196 Resp: 801055

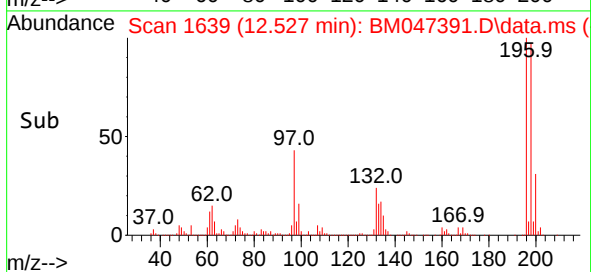
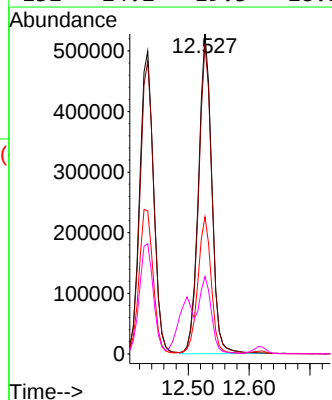
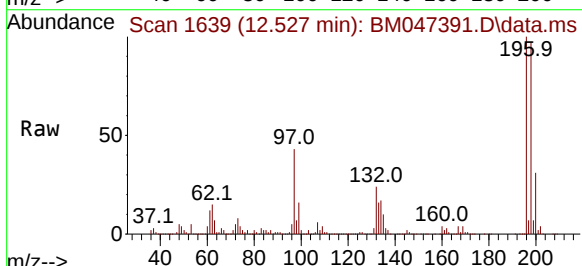
Ion Ratio Lower Upper

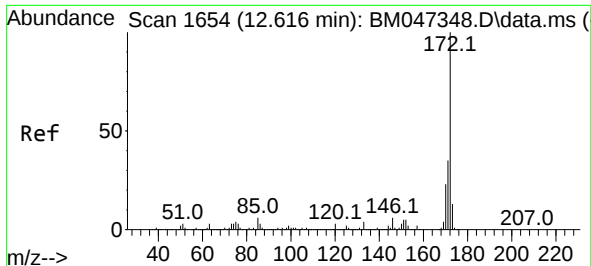
196 100

198 96.9 76.6 115.0

97 42.8 35.9 53.9

132 24.2 19.3 28.9

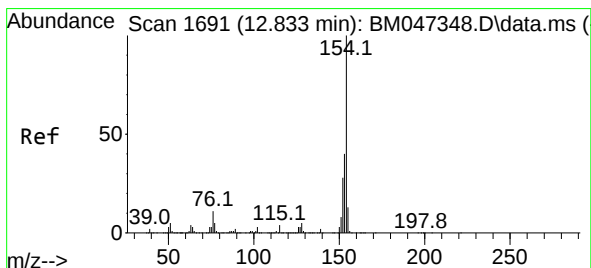
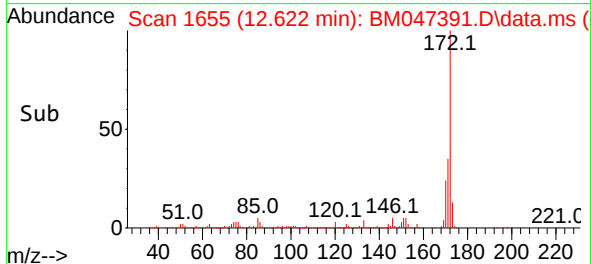
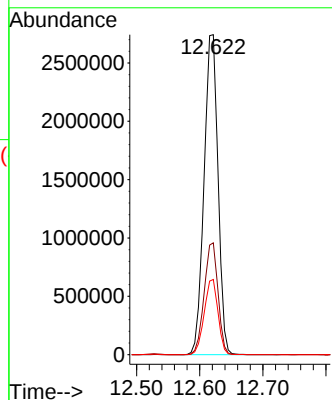
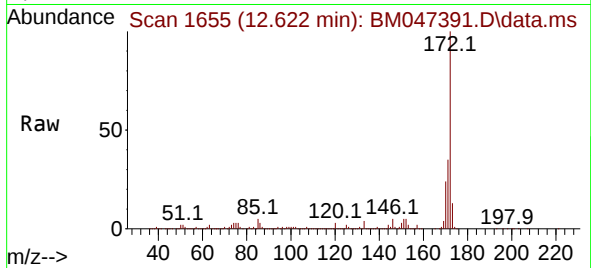




#45
2-Fluorobiphenyl
Concen: 78.385 ng
RT: 12.622 min Scan# 1655
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

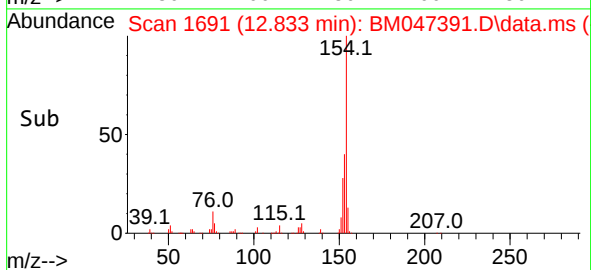
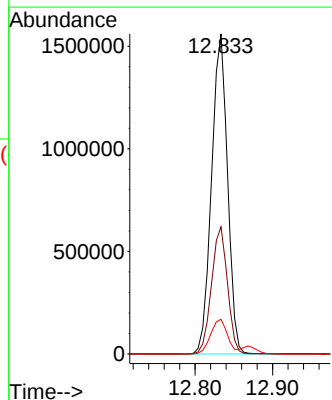
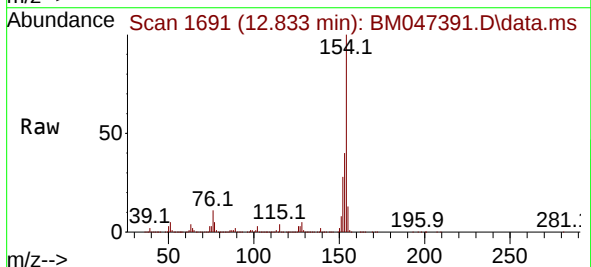
Instrument :
BNA_M
ClientSampleId :
PB163024BS

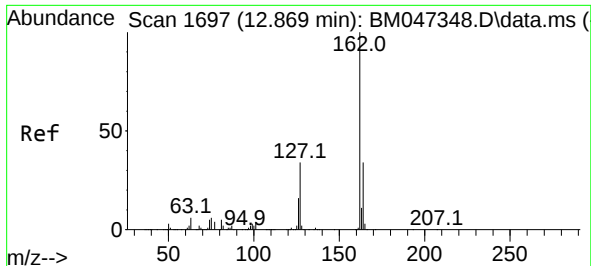
Tgt Ion:172 Resp: 4211848
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.5 18.5 27.7



#46
1,1'-Biphenyl
Concen: 38.719 ng
RT: 12.833 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:154 Resp: 2232110
Ion Ratio Lower Upper
154 100
153 39.8 20.1 60.1
76 10.8 0.0 31.2

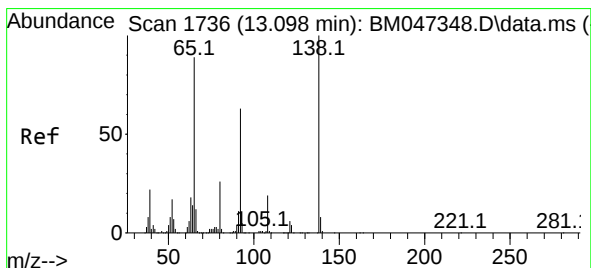
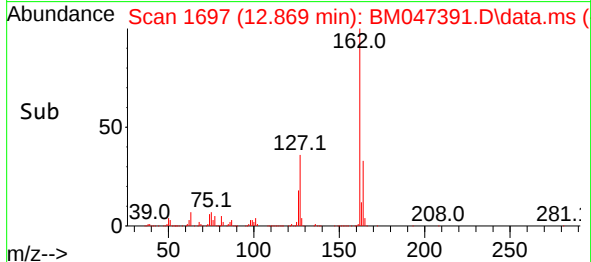
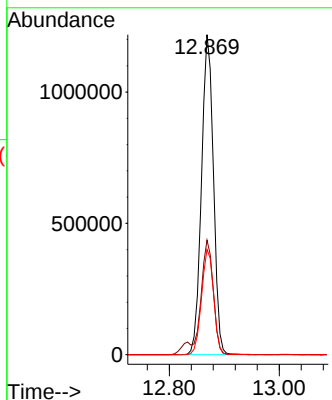
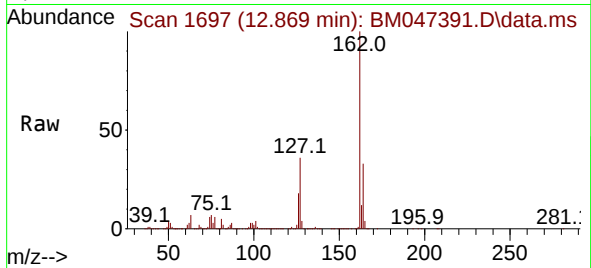




#47
2-Chloronaphthalene
Concen: 40.732 ng
RT: 12.869 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

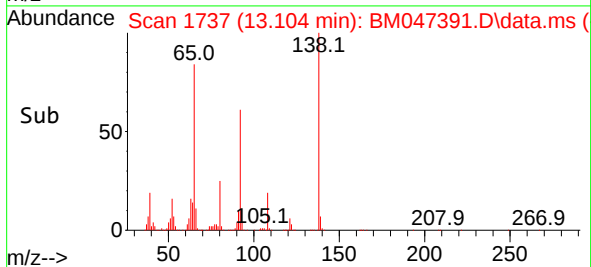
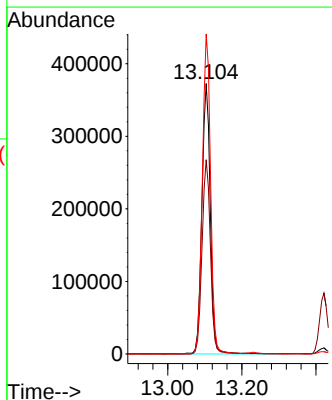
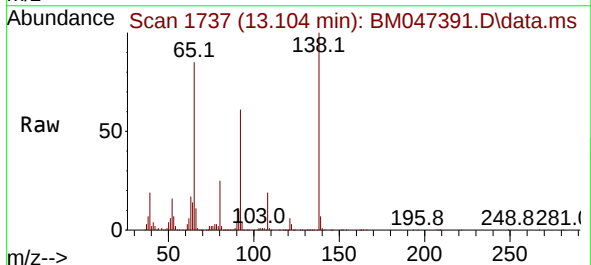
Instrument :
BNA_M
ClientSampleId :
PB163024BS

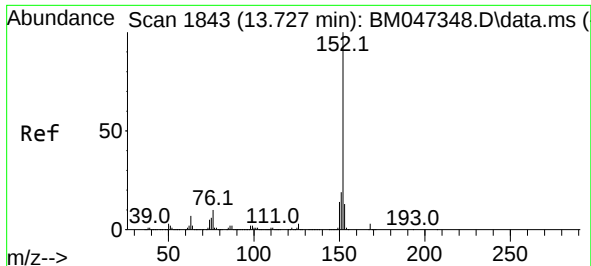
Tgt Ion:162 Resp: 1840135
Ion Ratio Lower Upper
162 100
127 35.8 28.3 42.5
164 32.9 27.0 40.4



#48
2-Nitroaniline
Concen: 46.378 ng
RT: 13.104 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion: 65 Resp: 586893
Ion Ratio Lower Upper
65 100
92 71.8 57.0 85.6
138 118.3 90.0 135.0

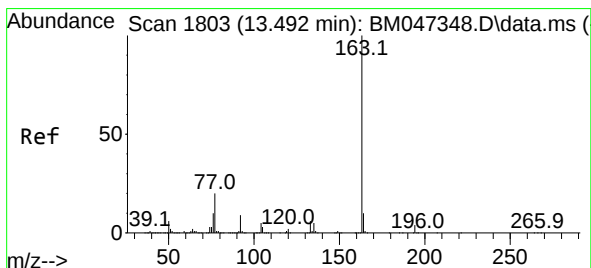
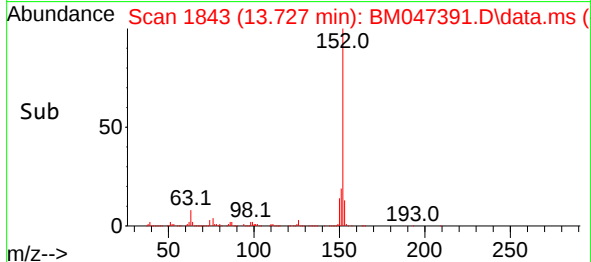
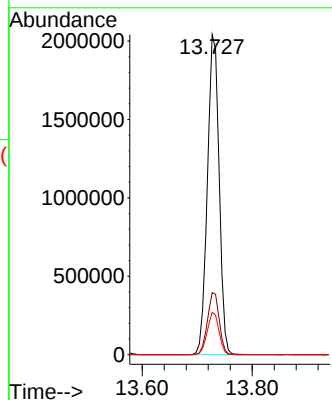
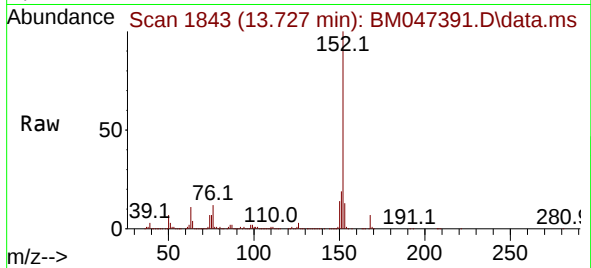




#49
Acenaphthylene
Concen: 45.919 ng
RT: 13.727 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

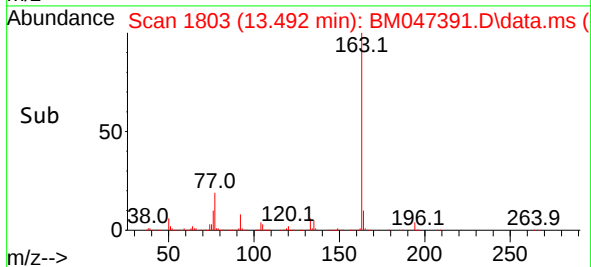
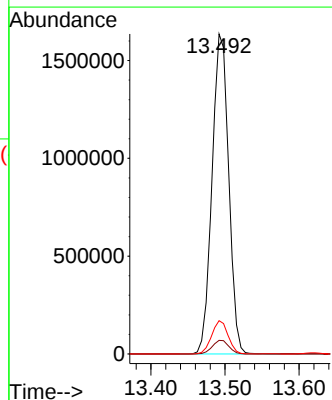
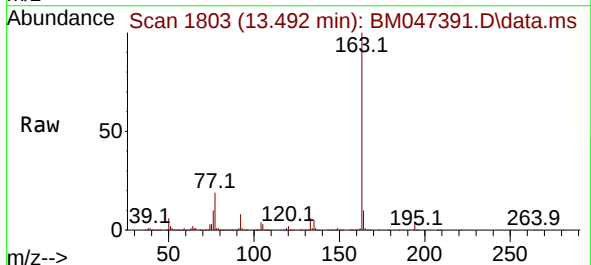
Instrument :
BNA_M
ClientSampleId :
PB163024BS

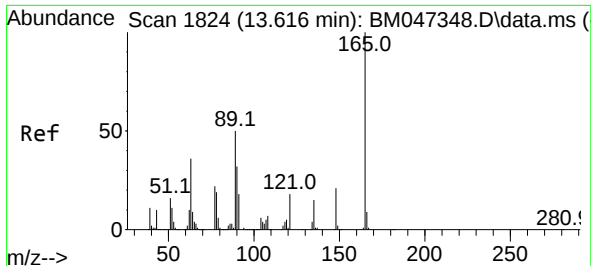
Tgt Ion:152 Resp: 3014969
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.0
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 44.816 ng
RT: 13.492 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:163 Resp: 2549459
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.4 8.2 12.4

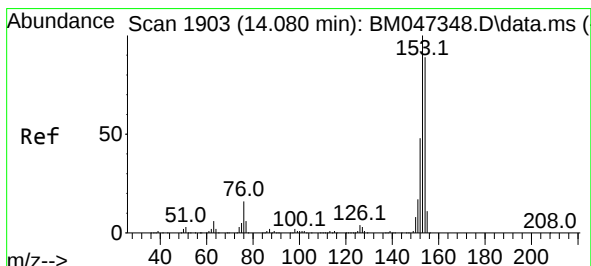
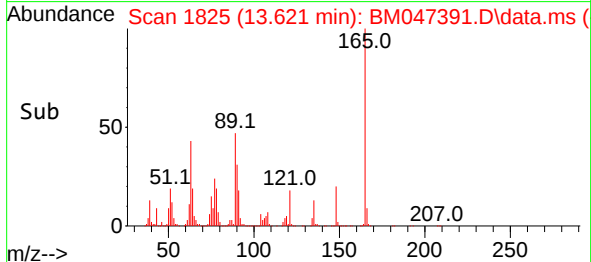
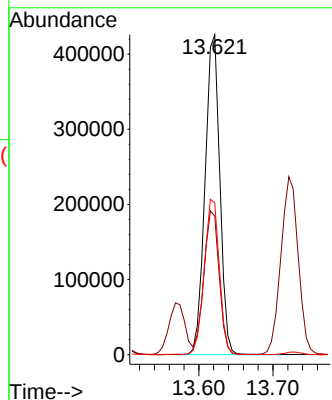
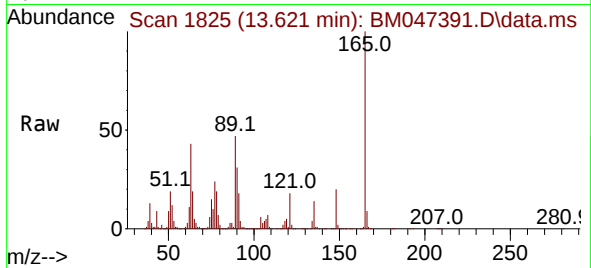




#51
2,6-Dinitrotoluene
Concen: 44.649 ng
RT: 13.621 min Scan# 1825
Delta R.T. 0.005 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

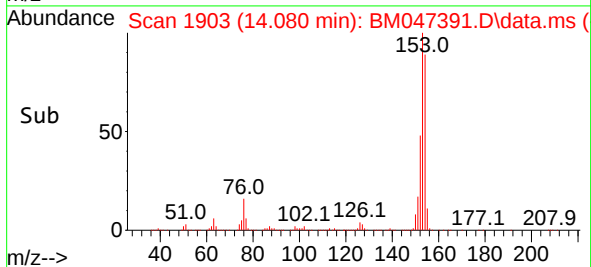
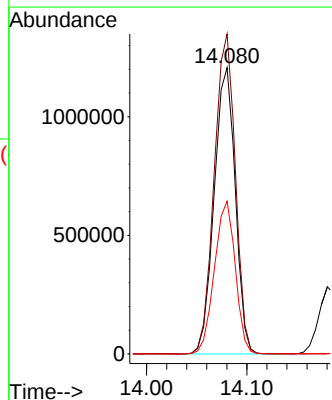
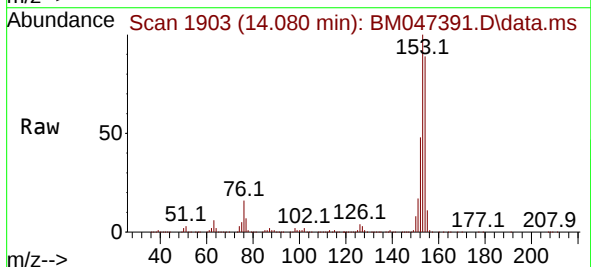
Instrument :
BNA_M
ClientSampleId :
PB163024BS

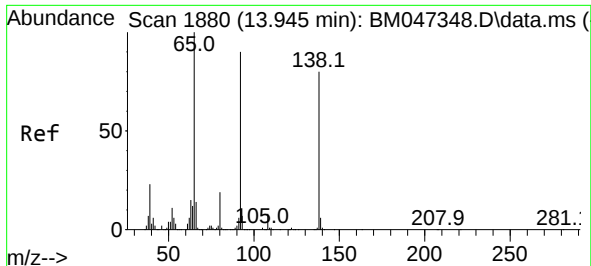
Tgt Ion:165 Resp: 591379
Ion Ratio Lower Upper
165 100
63 43.2 38.2 57.4
89 47.4 40.4 60.6



#52
Acenaphthene
Concen: 42.370 ng
RT: 14.080 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:154 Resp: 1766044
Ion Ratio Lower Upper
154 100
153 111.8 89.5 134.3
152 53.4 43.0 64.4

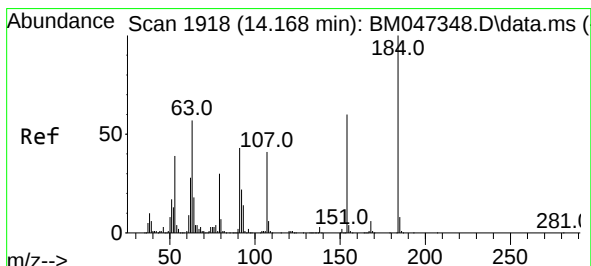
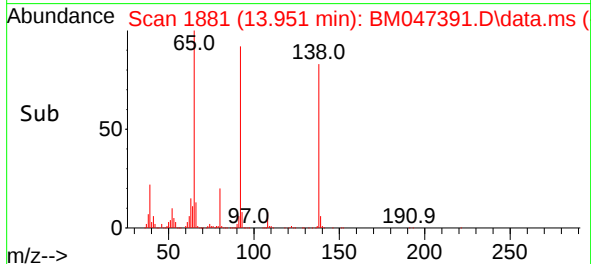
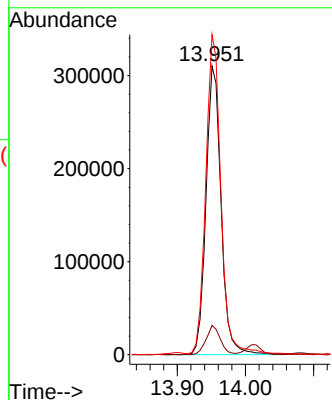
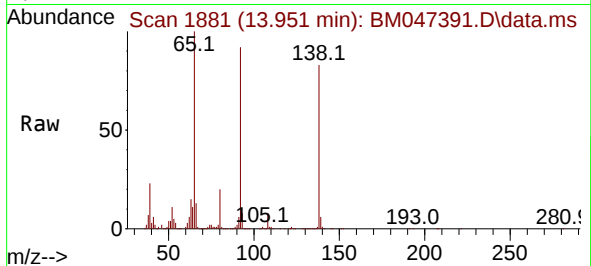




#53
3-Nitroaniline
Concen: 39.120 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

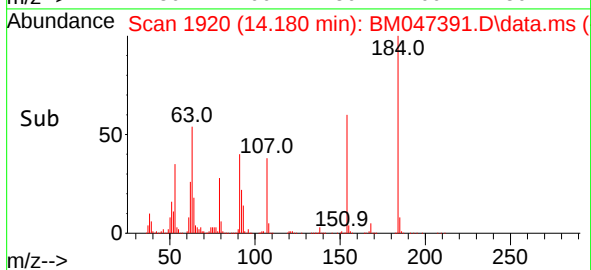
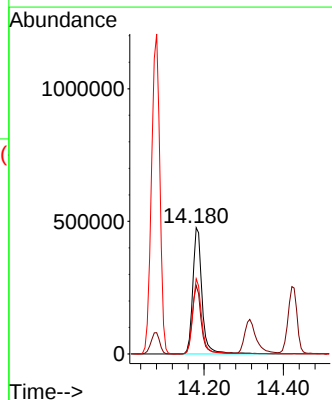
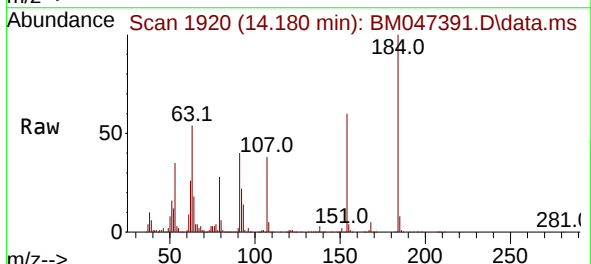
Instrument :
BNA_M
ClientSampleId :
PB163024BS

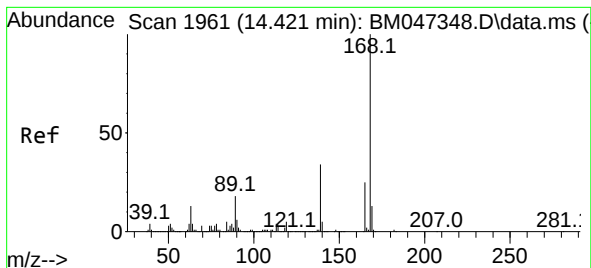
Tgt Ion:138 Resp: 478132
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 110.9 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 94.876 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.012 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:184 Resp: 773883
Ion Ratio Lower Upper
184 100
63 54.2 45.7 68.5
154 59.5 48.5 72.7

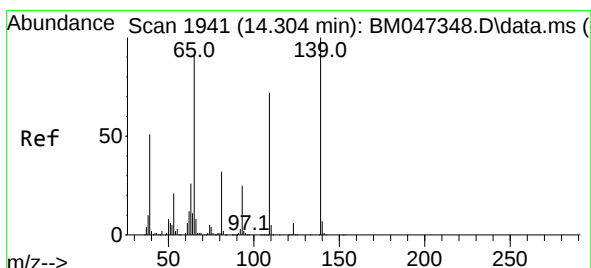
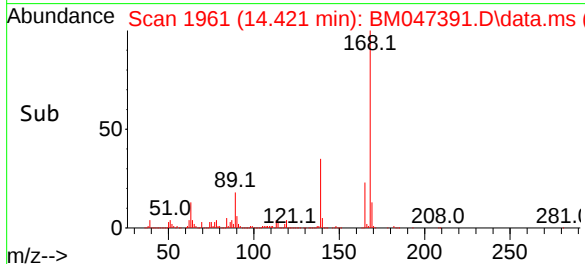
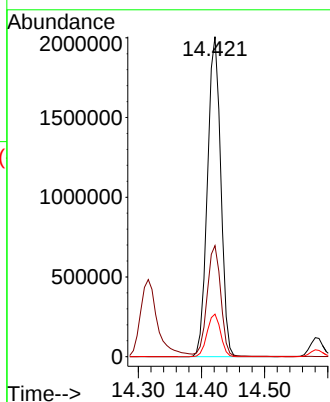
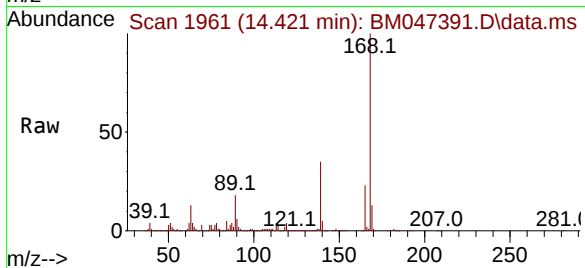




#55
Dibenzofuran
Concen: 43.570 ng
RT: 14.421 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

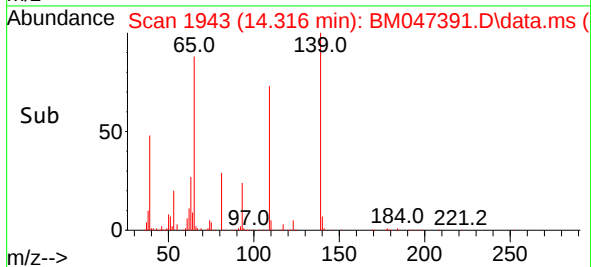
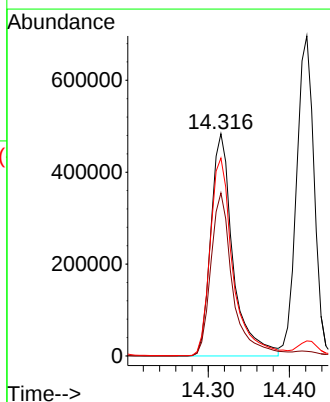
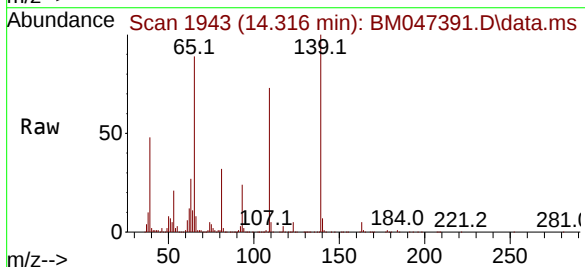
Instrument :
BNA_M
ClientSampleId :
PB163024BS

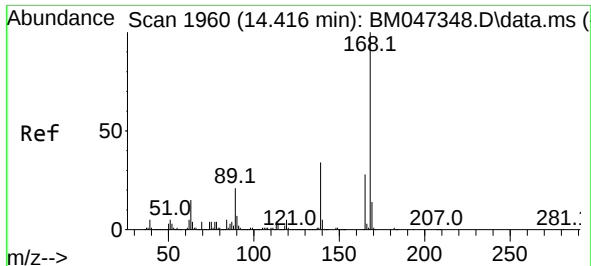
Tgt Ion:168 Resp: 2925171
Ion Ratio Lower Upper
168 100
139 34.7 27.5 41.3
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 96.007 ng
RT: 14.316 min Scan# 1943
Delta R.T. 0.012 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:139 Resp: 917223
Ion Ratio Lower Upper
139 100
109 73.4 51.6 91.6
65 89.0 71.7 111.7



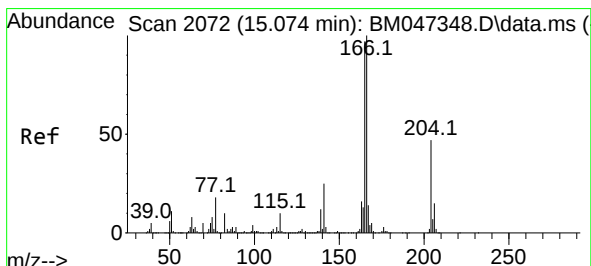
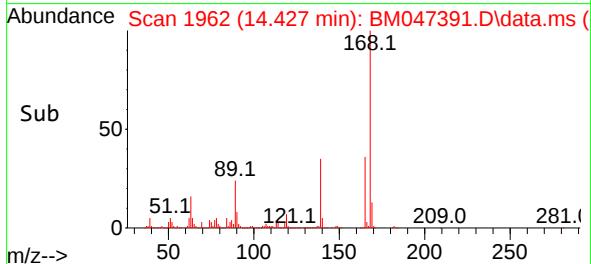
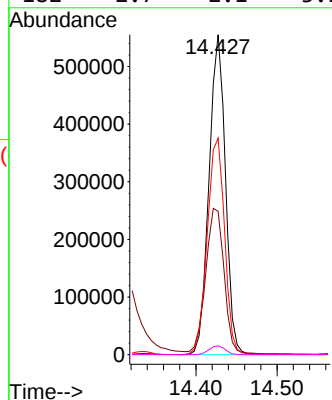
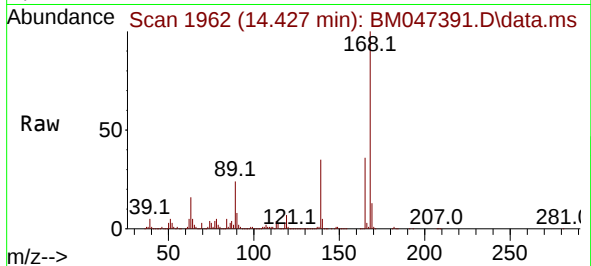


#57
2,4-Dinitrotoluene
Concen: 45.444 ng
RT: 14.427 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Instrument :
BNA_M
ClientSampleId :
PB163024BS

Tgt Ion:165 Resp: 779194

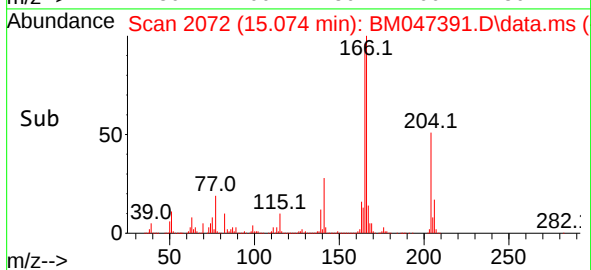
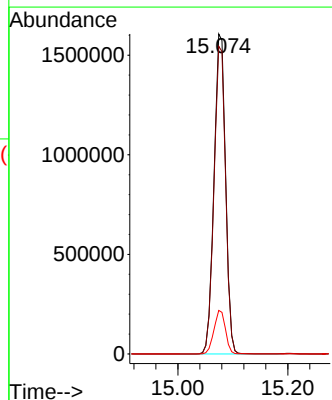
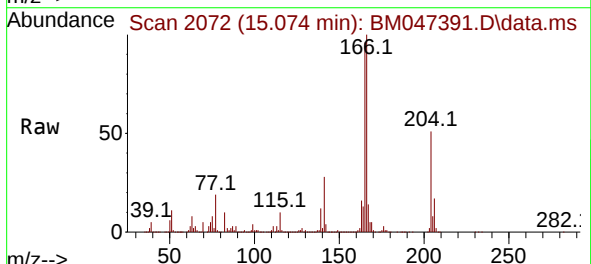
Ion	Ratio	Lower	Upper
165	100		
63	44.8	42.2	63.4
89	67.7	59.3	88.9
182	2.7	2.1	3.1

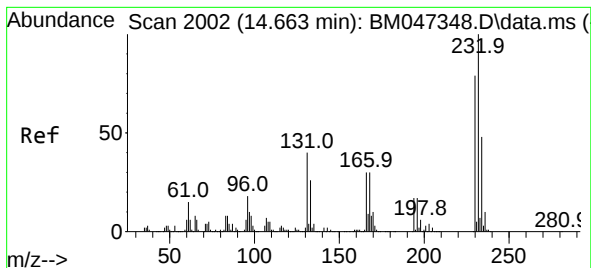


#58
Fluorene
Concen: 43.197 ng
RT: 15.074 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:166 Resp: 2347102

Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.8	116.6
167	13.6	11.1	16.7

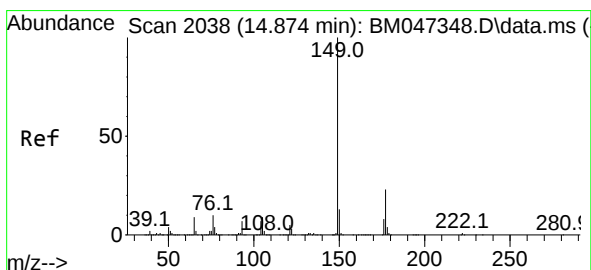
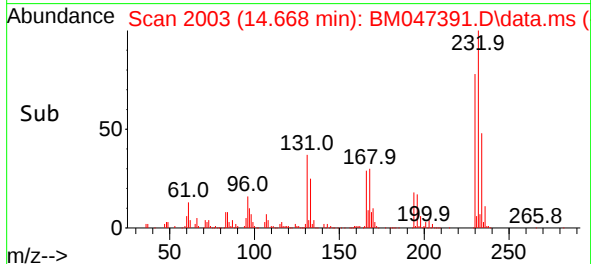
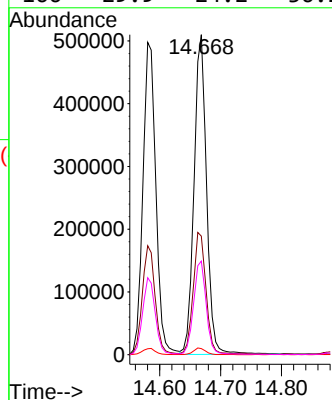
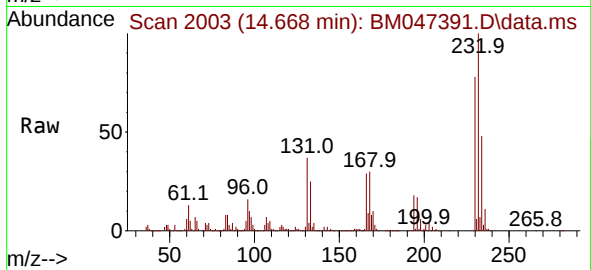




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.625 ng
RT: 14.668 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

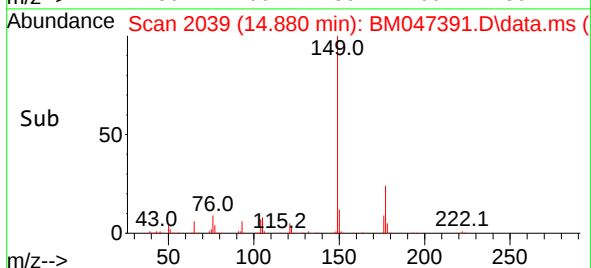
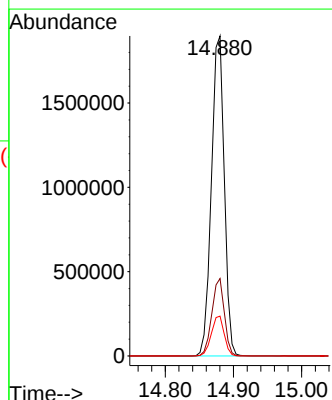
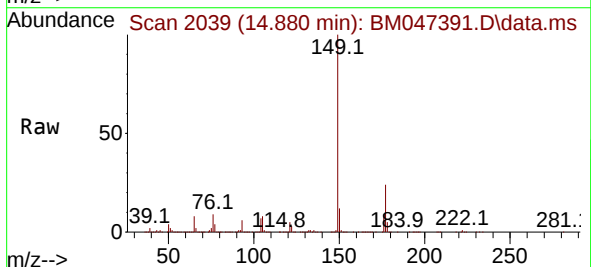
Instrument :
BNA_M
ClientSampleId :
PB163024BS

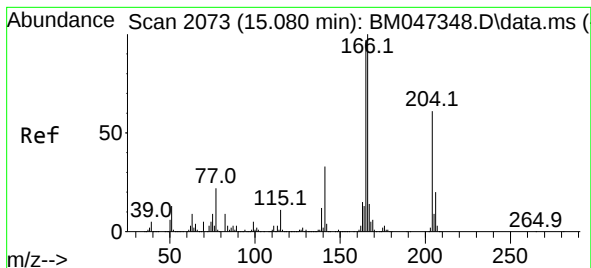
Tgt Ion:232 Resp: 728082
Ion Ratio Lower Upper
232 100
131 38.2 31.7 47.5
130 2.0 1.7 2.5
166 29.9 24.2 36.2



#60
Diethylphthalate
Concen: 44.470 ng
RT: 14.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:149 Resp: 2495429
Ion Ratio Lower Upper
149 100
177 24.2 18.6 28.0
150 12.4 10.2 15.4

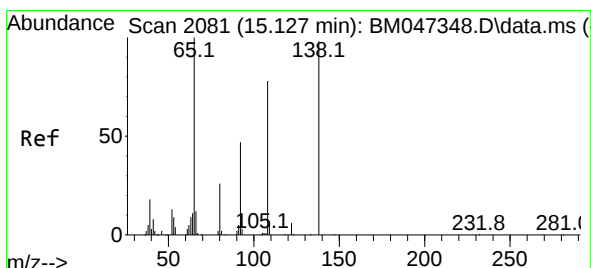
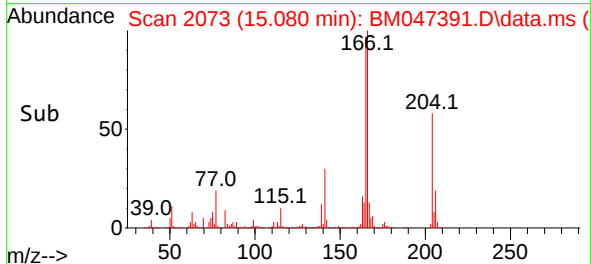
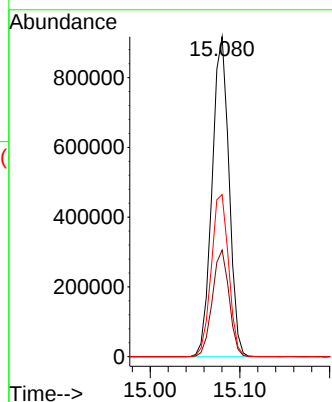
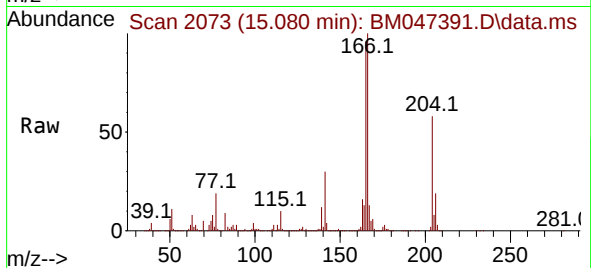




#61
4-Chlorophenyl-phenylether
Concen: 43.438 ng
RT: 15.080 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

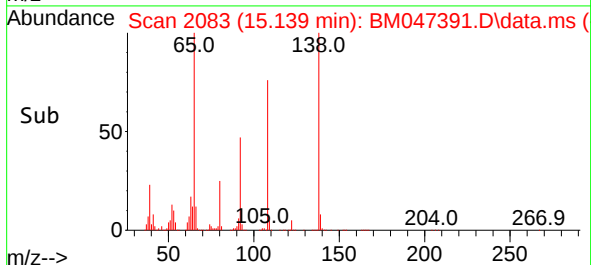
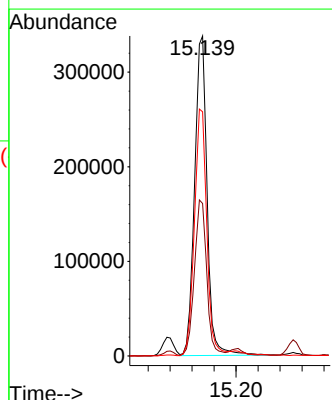
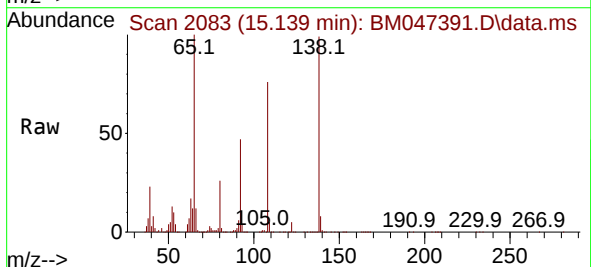
Instrument :
BNA_M
ClientSampleId :
PB163024BS

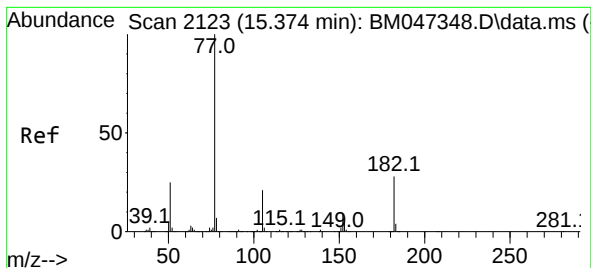
Tgt Ion:204 Resp: 1200652
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 50.7 42.8 64.2



#62
4-Nitroaniline
Concen: 47.158 ng
RT: 15.139 min Scan# 2083
Delta R.T. 0.012 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:138 Resp: 533183
Ion Ratio Lower Upper
138 100
92 47.7 27.9 67.9
108 76.3 58.7 98.7





#63

Azobenzene

Concen: 43.472 ng

RT: 15.374 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

Tgt Ion: 77 Resp: 2124306

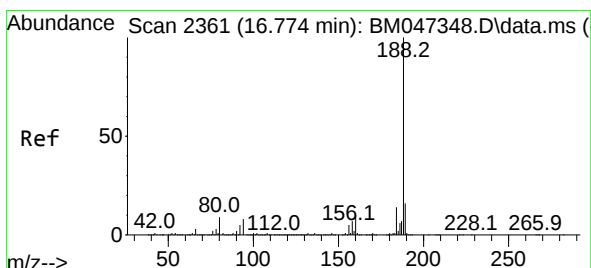
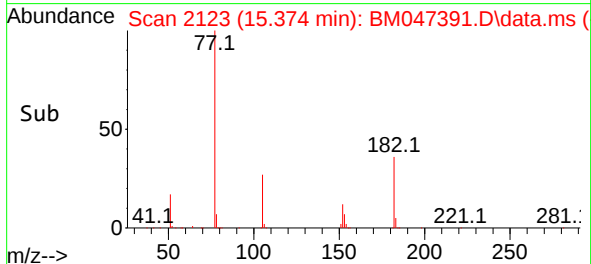
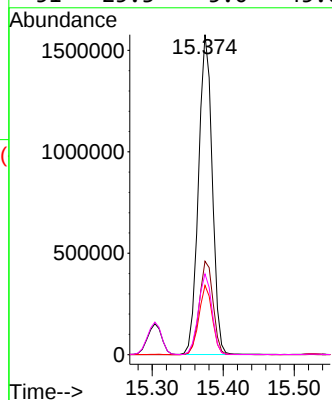
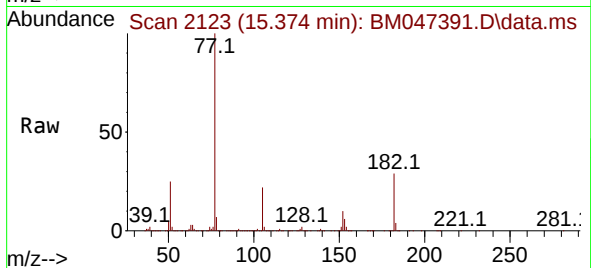
Ion Ratio Lower Upper

77 100

182 29.2 7.9 47.9

105 21.7 0.6 40.6

51 25.3 5.0 45.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 2362

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

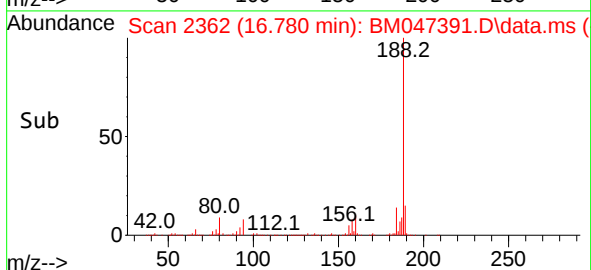
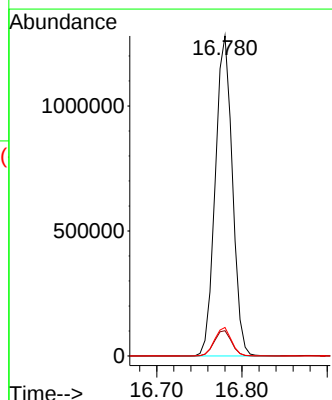
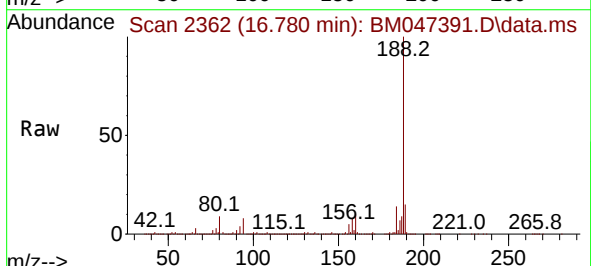
Tgt Ion: 188 Resp: 1784491

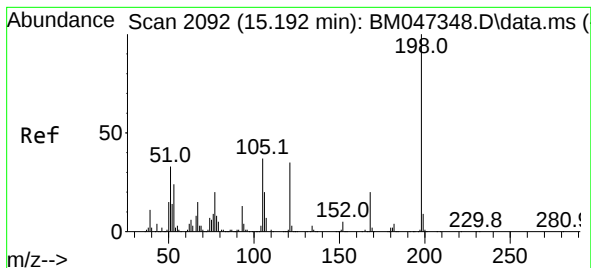
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.9 7.4 11.2

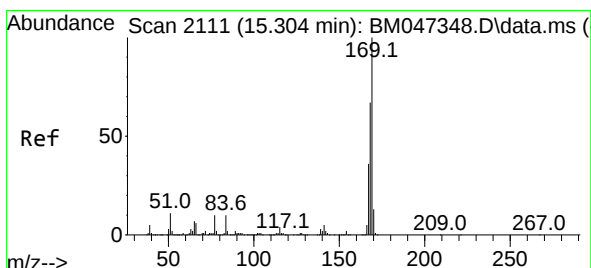
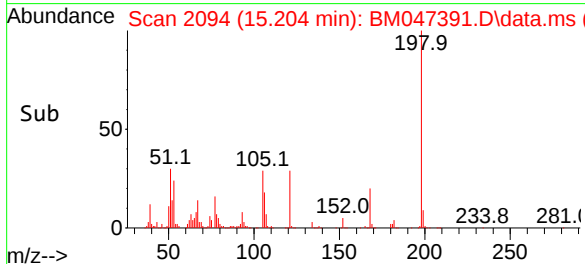
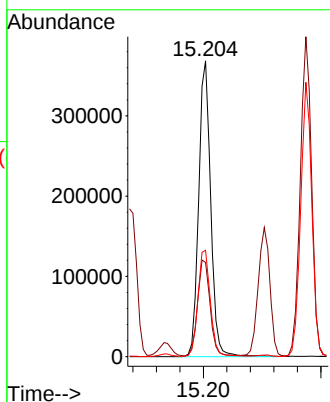
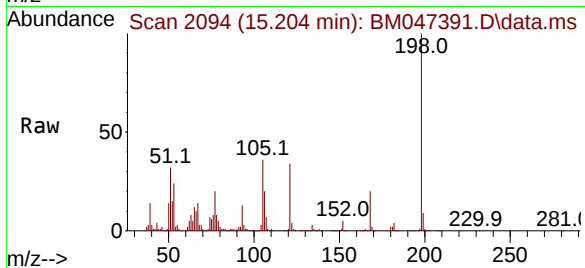




#65
4,6-Dinitro-2-methylphenol
Concen: 47.622 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

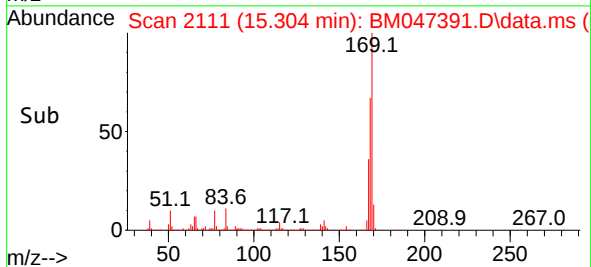
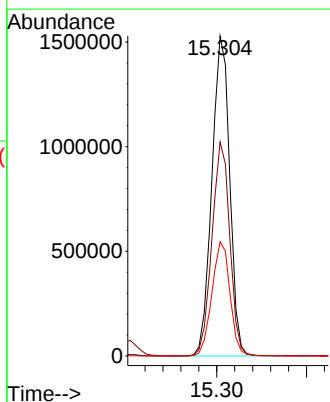
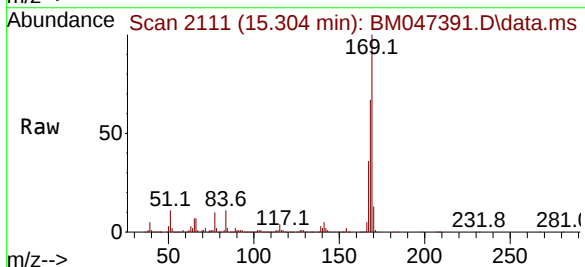
Instrument :
BNA_M
ClientSampleId :
PB163024BS

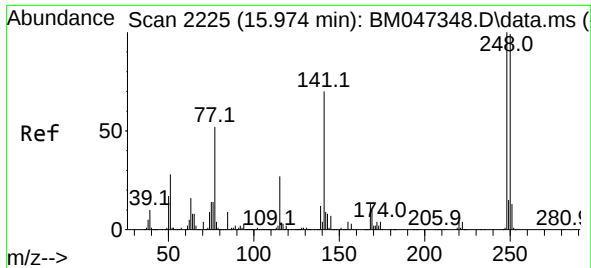
Tgt Ion:198 Resp: 521587
Ion Ratio Lower Upper
198 100
51 31.9 14.1 54.1
105 36.0 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 43.152 ng
RT: 15.304 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:169 Resp: 2107059
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 35.7 29.0 43.4

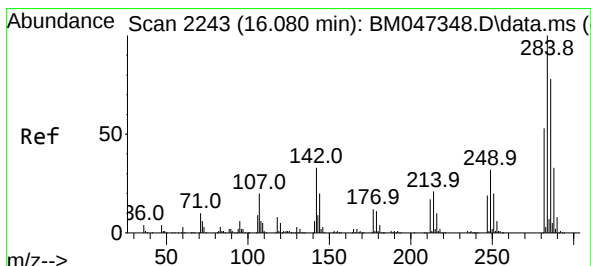
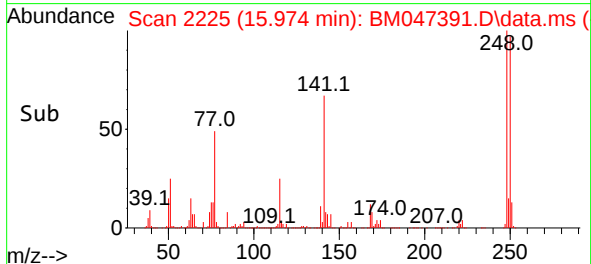
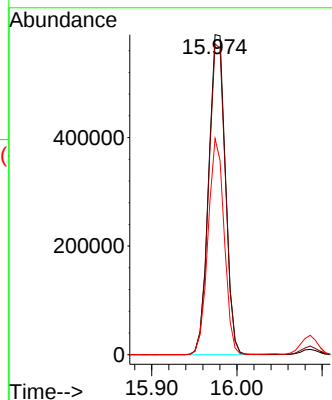
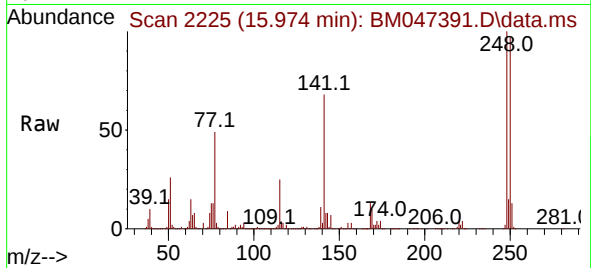




#67
4-Bromophenyl-phenylether
Concen: 42.763 ng
RT: 15.974 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

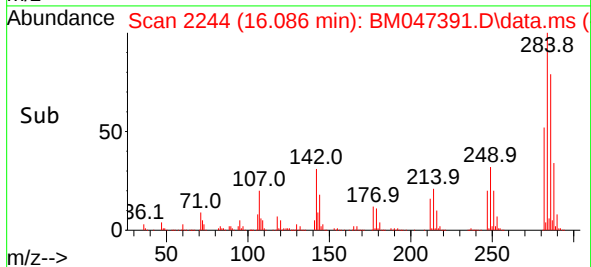
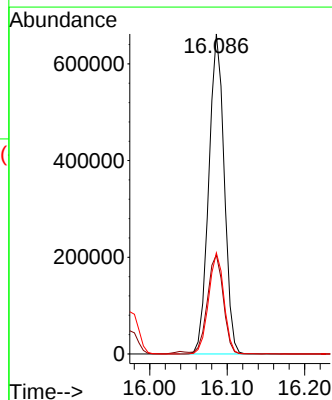
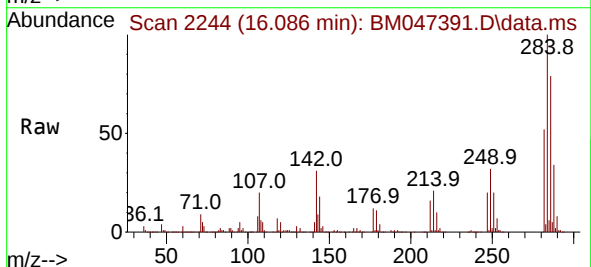
Instrument :
BNA_M
ClientSampleId :
PB163024BS

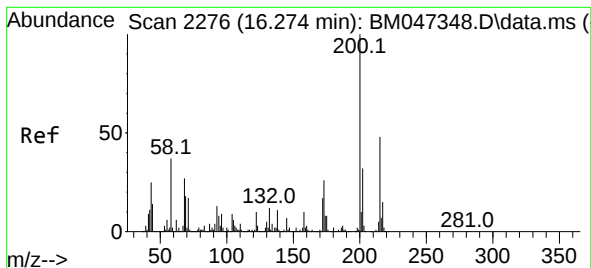
Tgt Ion:248 Resp: 805036
Ion Ratio Lower Upper
248 100
250 97.1 78.8 118.2
141 67.5 55.9 83.9



#68
Hexachlorobenzene
Concen: 41.991 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047391.D
Acq: 29 Aug 2024 11:37

Tgt Ion:284 Resp: 913029
Ion Ratio Lower Upper
284 100
142 30.9 26.5 39.7
249 31.6 25.5 38.3





#69

Atrazine

Concen: 40.339 ng

RT: 16.280 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

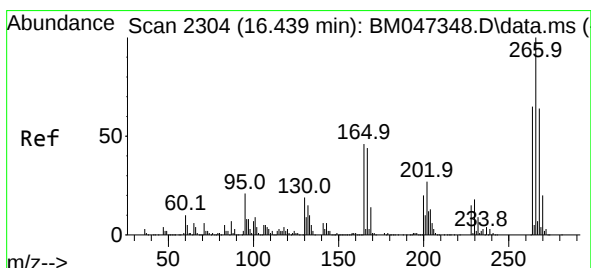
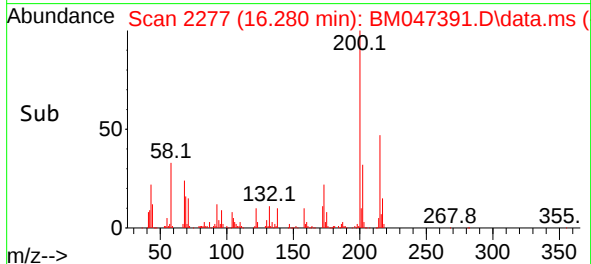
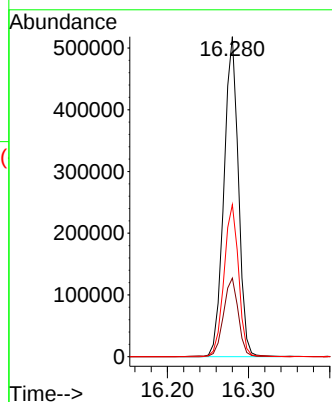
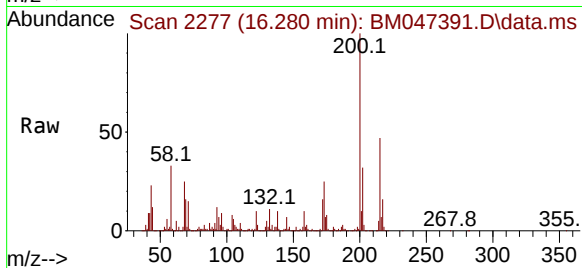
Tgt Ion:200 Resp: 643827

Ion Ratio Lower Upper

200 100

173 24.5 5.8 45.8

215 47.5 28.3 68.3



#70

Pentachlorophenol

Concen: 82.594 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

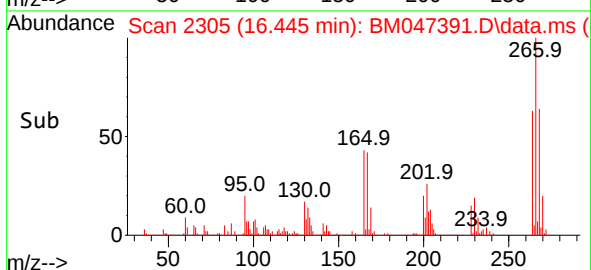
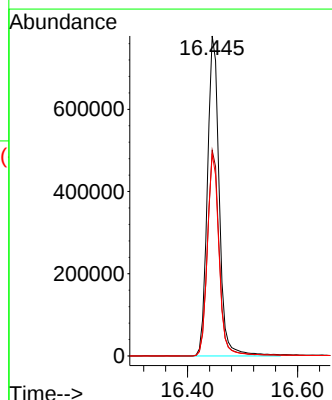
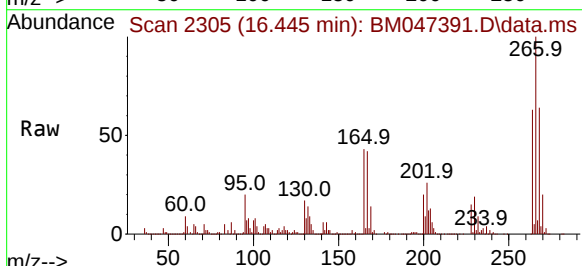
Tgt Ion:266 Resp: 1161080

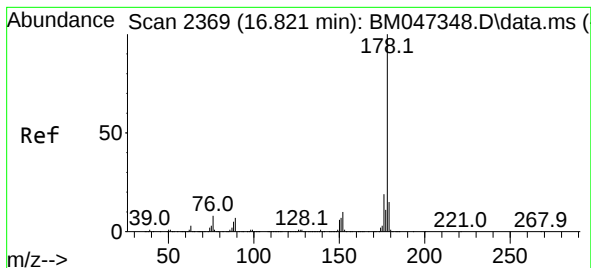
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.6

264 63.1 51.9 77.9





#71

Phenanthrene

Concen: 44.238 ng

RT: 16.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

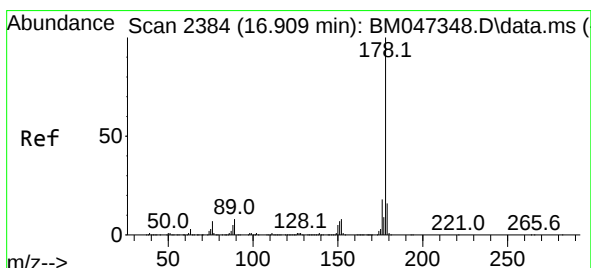
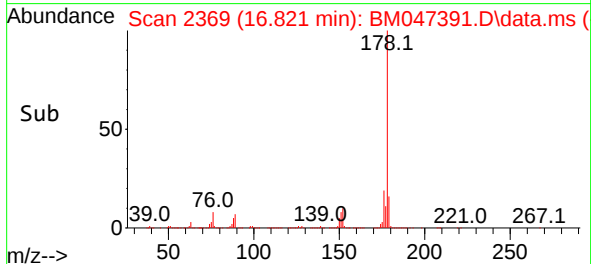
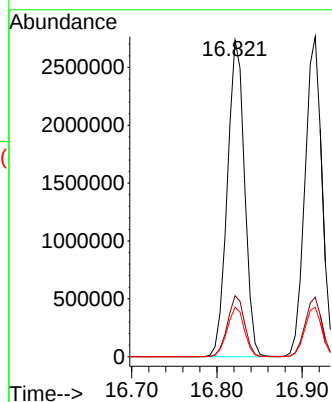
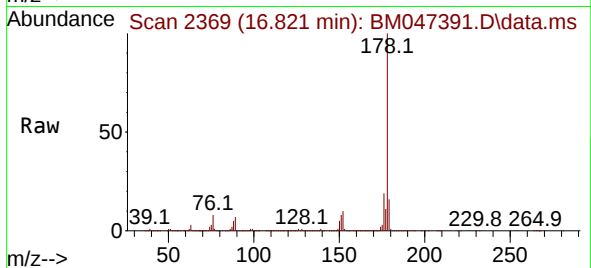
Tgt Ion:178 Resp: 3833804

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.6 12.2 18.4



#72

Anthracene

Concen: 45.377 ng

RT: 16.915 min Scan# 2385

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

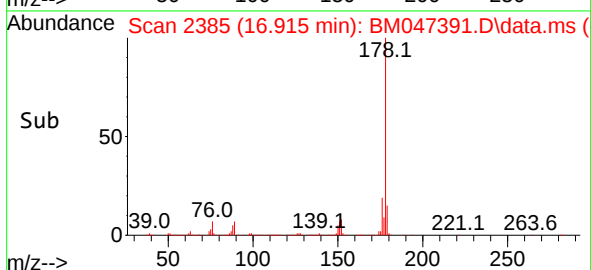
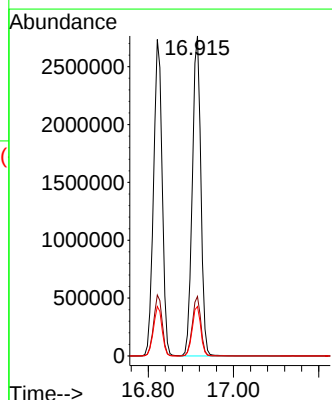
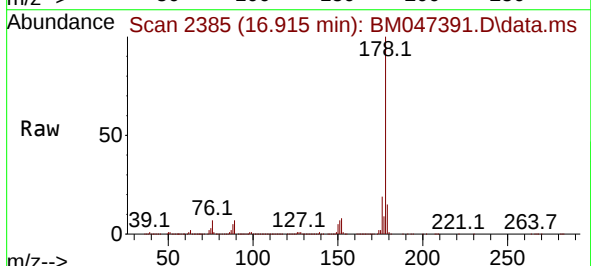
Tgt Ion:178 Resp: 3833503

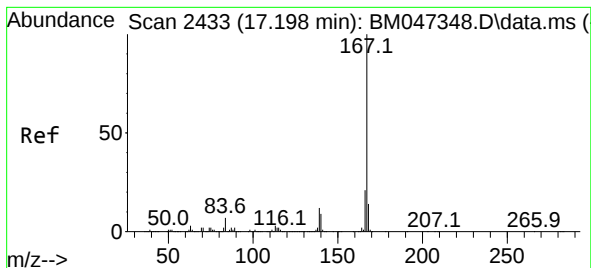
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.5 12.6 18.8





#73

Carbazole

Concen: 45.762 ng

RT: 17.198 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

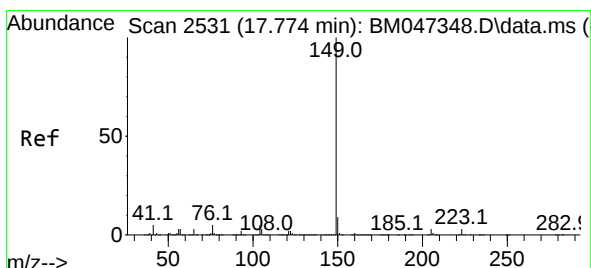
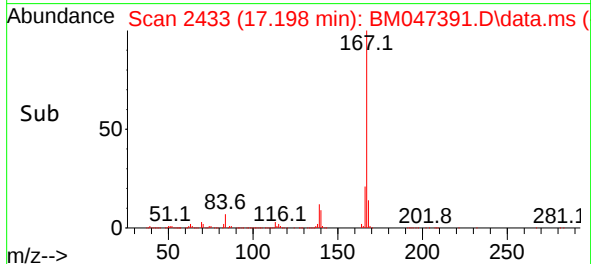
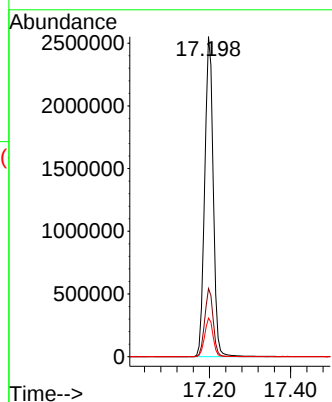
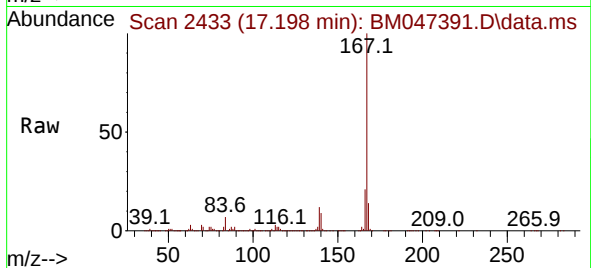
Tgt Ion:167 Resp: 3709931

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 12.0 9.5 14.3



#74

Di-n-butylphthalate

Concen: 44.926 ng

RT: 17.774 min Scan# 2531

Delta R.T. 0.000 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

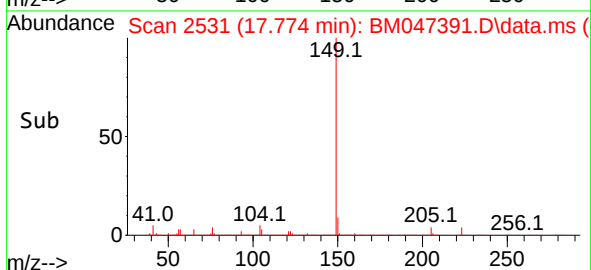
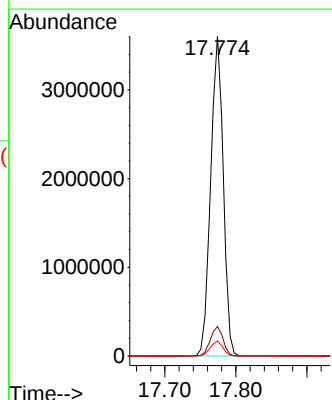
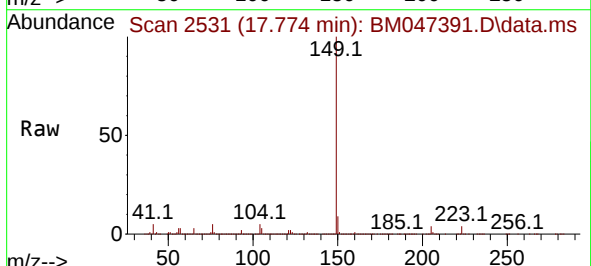
Tgt Ion:149 Resp: 4434980

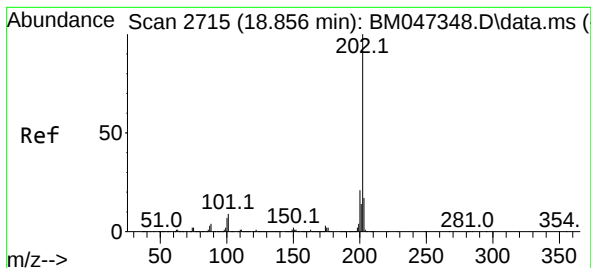
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 45.828 ng

RT: 18.862 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

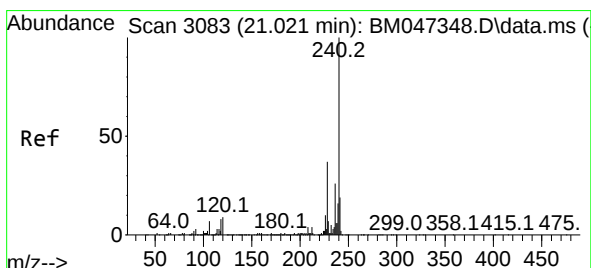
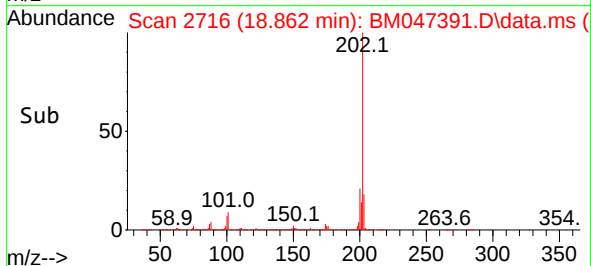
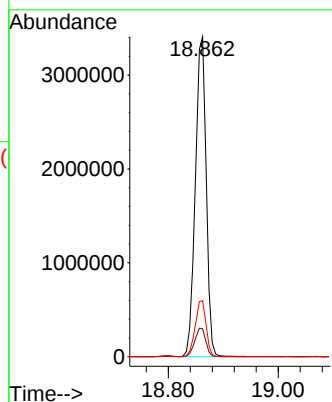
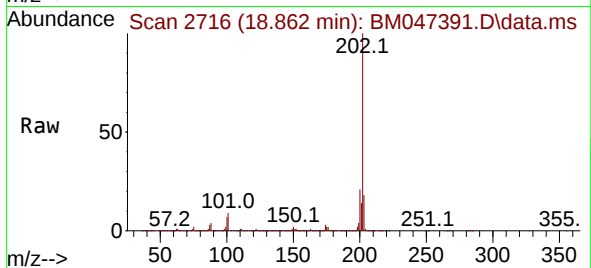
Tgt Ion:202 Resp: 4663362

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.0

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

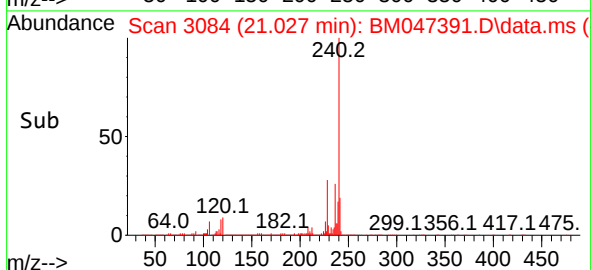
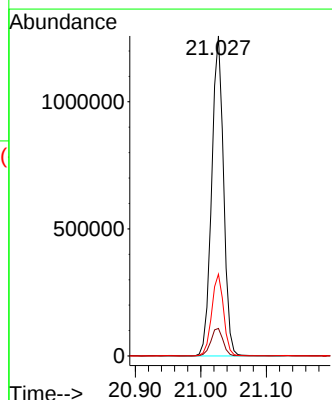
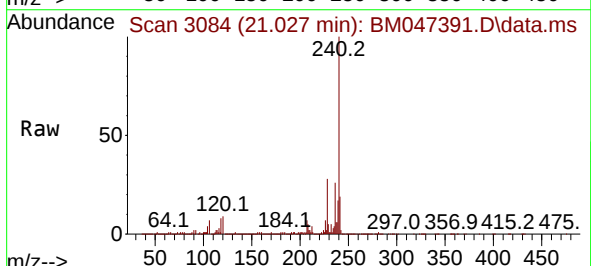
Tgt Ion:240 Resp: 1585657

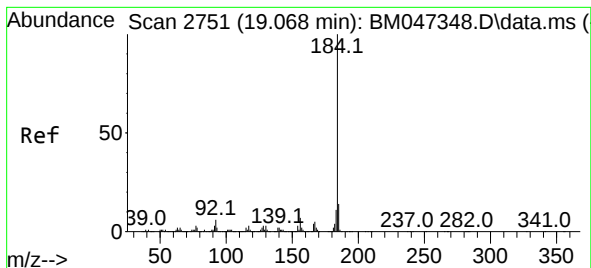
Ion Ratio Lower Upper

240 100

120 8.6 7.4 11.0

236 25.6 20.8 31.2





#77

Benzidine

Concen: 22.598 ng

RT: 19.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

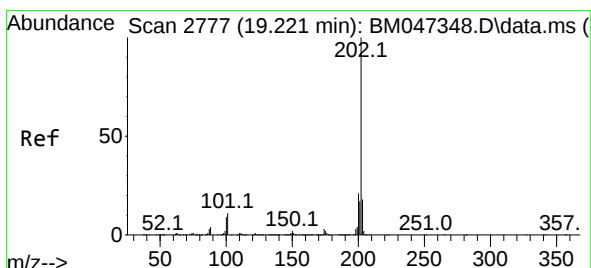
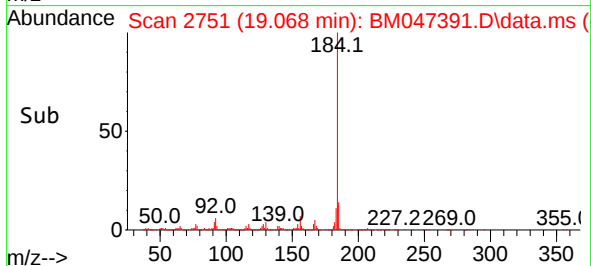
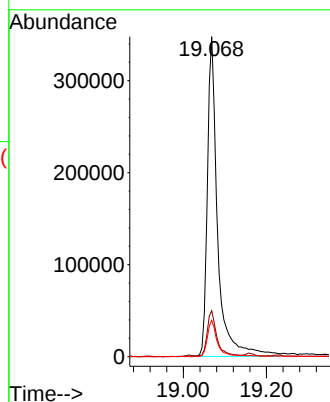
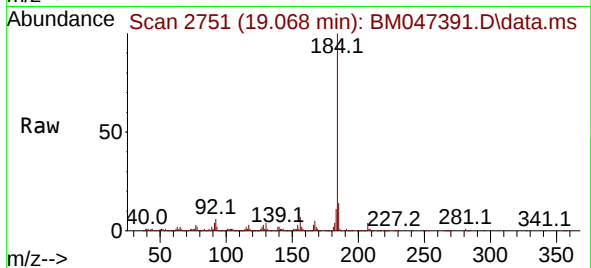
Tgt Ion:184 Resp: 598135

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.4 9.2 13.8



#78

Pyrene

Concen: 40.135 ng

RT: 19.227 min Scan# 2778

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

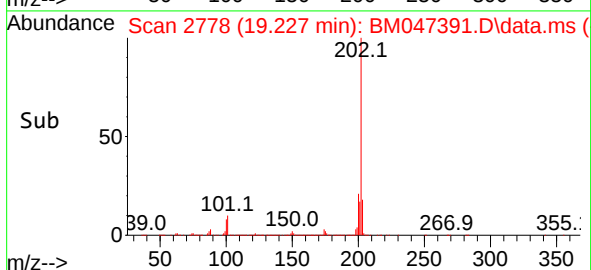
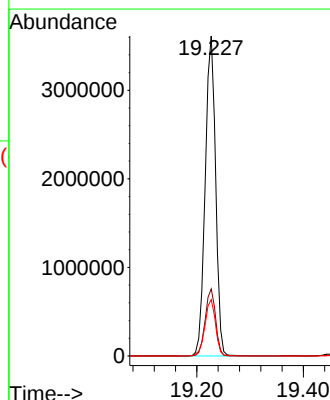
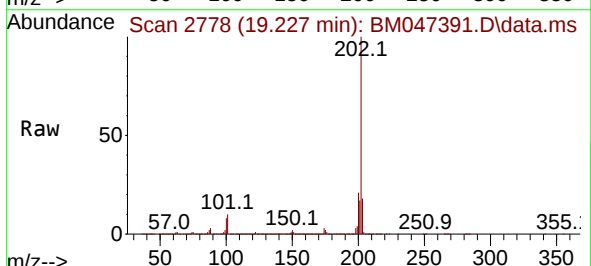
Tgt Ion:202 Resp: 4881073

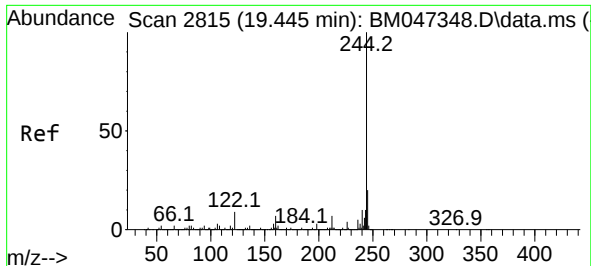
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.6 14.2 21.4

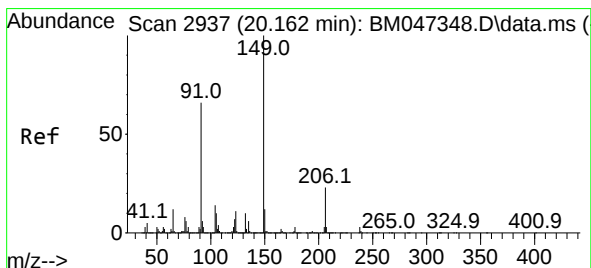
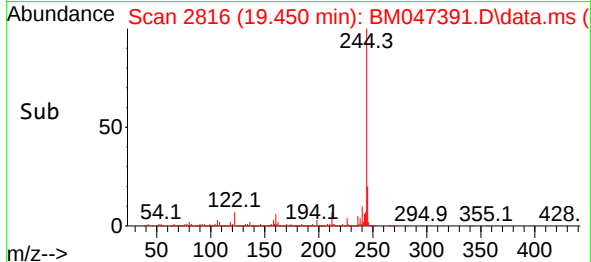
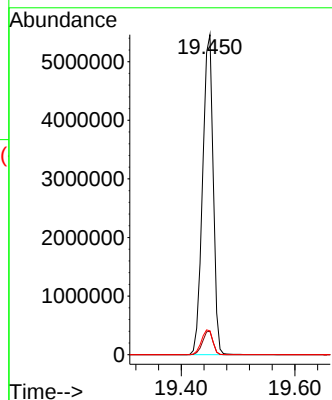
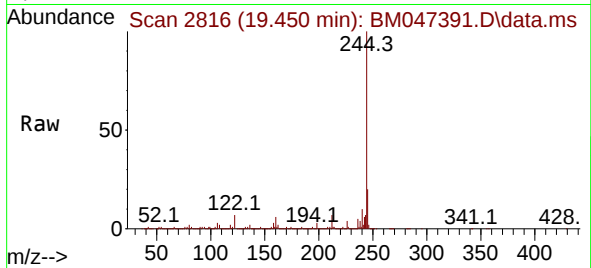




#79
 Terphenyl-d14
 Concen: 79.125 ng
 RT: 19.450 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM047391.D
 Acq: 29 Aug 2024 11:37

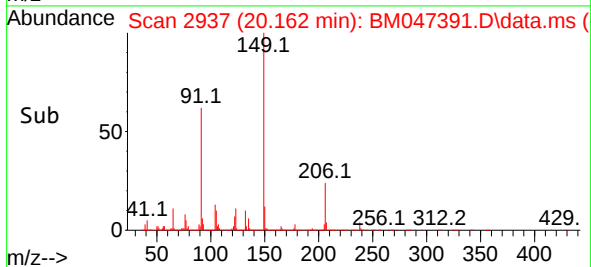
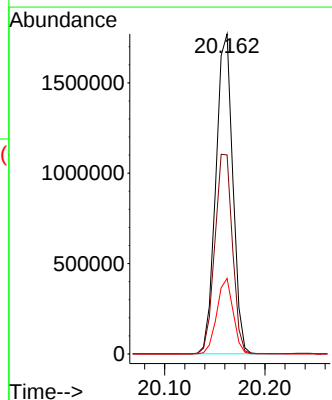
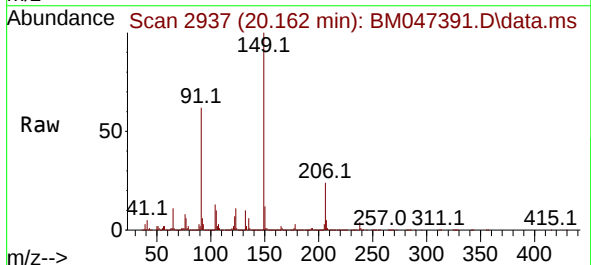
Instrument :
 BNA_M
 ClientSampleId :
 PB163024BS

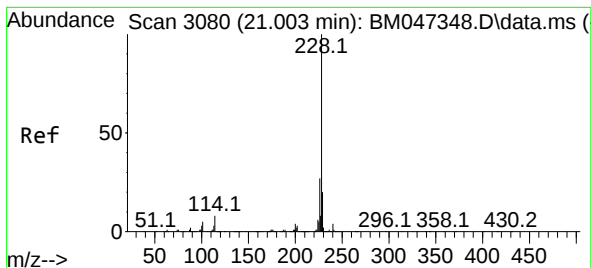
Tgt Ion:244 Resp: 7048784
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.4 7.0 10.4



#80
 Butylbenzylphthalate
 Concen: 43.520 ng
 RT: 20.162 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: BM047391.D
 Acq: 29 Aug 2024 11:37

Tgt Ion:149 Resp: 2071146
 Ion Ratio Lower Upper
 149 100
 91 62.2 52.6 79.0
 206 23.6 18.2 27.2





#81

Benzo(a)anthracene

Concen: 45.123 ng

RT: 21.009 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

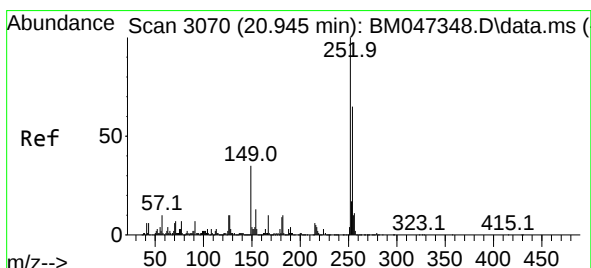
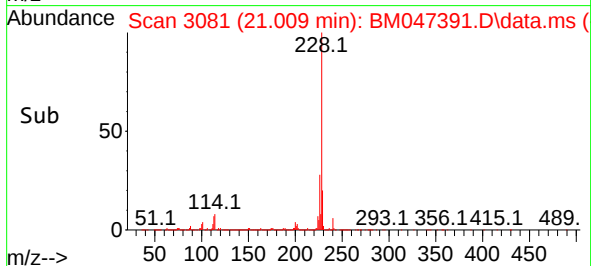
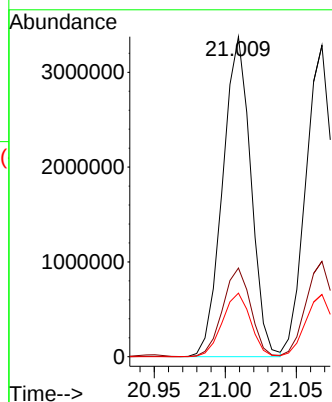
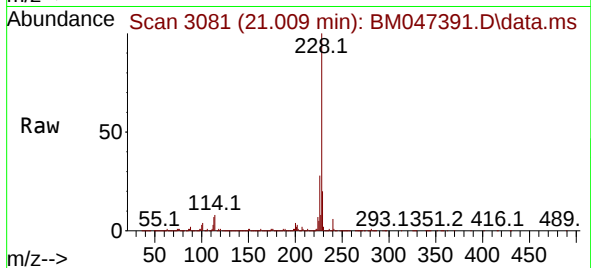
Tgt Ion:228 Resp: 4665941

Ion Ratio Lower Upper

228 100

226 27.7 21.4 32.0

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.893 ng

RT: 20.950 min Scan# 3071

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

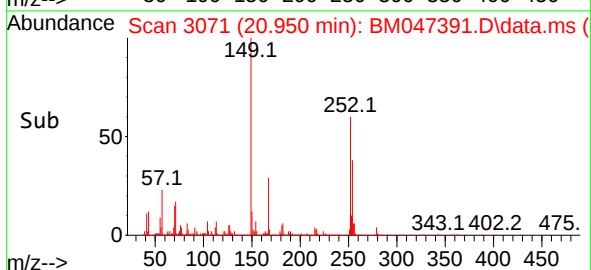
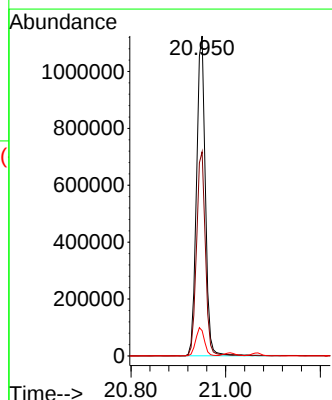
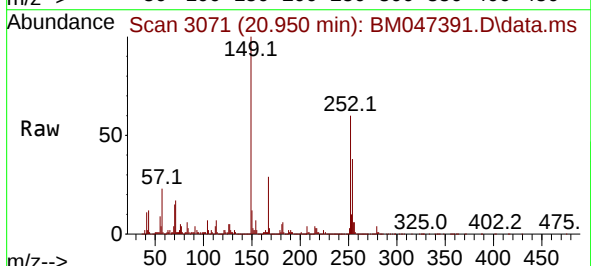
Tgt Ion:252 Resp: 1457229

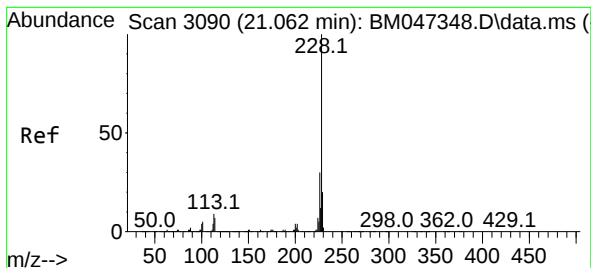
Ion Ratio Lower Upper

252 100

254 63.8 52.1 78.1

126 7.9 7.9 11.9#





#83

Chrysene

Concen: 44.305 ng

RT: 21.068 min Scan# 3091

Delta R.T. 0.006 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

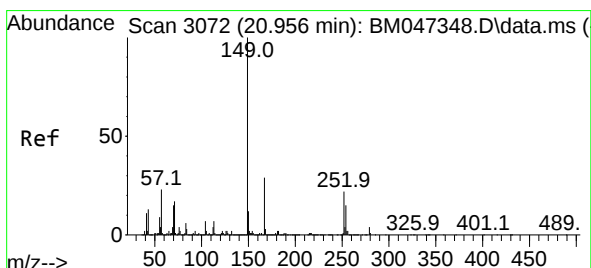
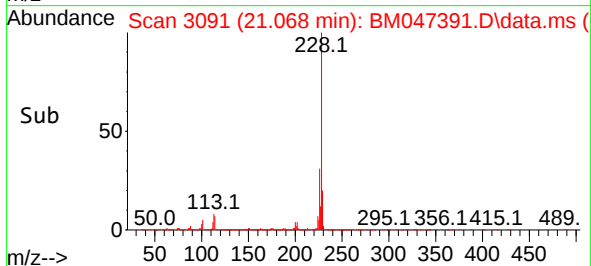
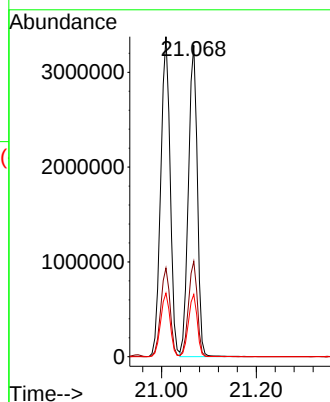
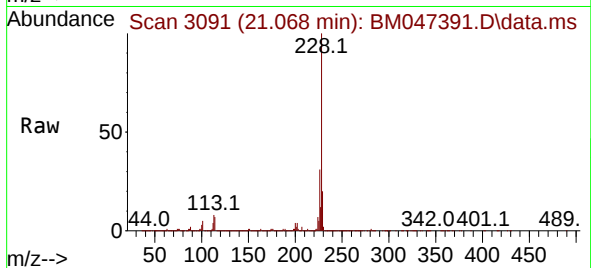
Tgt Ion:228 Resp: 4309551

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.855 ng

RT: 20.956 min Scan# 3072

Delta R.T. 0.000 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

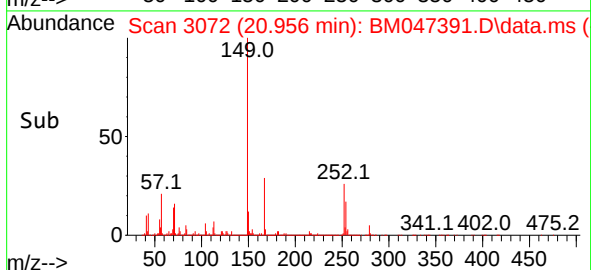
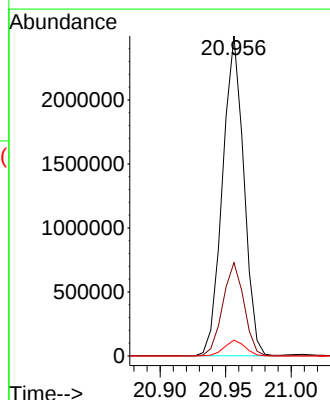
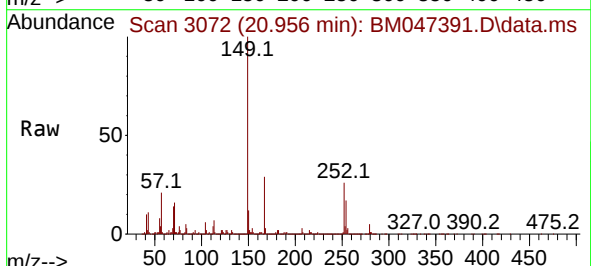
Tgt Ion:149 Resp: 2815250

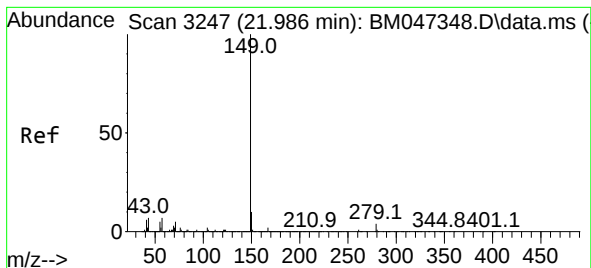
Ion Ratio Lower Upper

149 100

167 29.2 23.1 34.7

279 4.9 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 45.971 ng

RT: 21.986 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

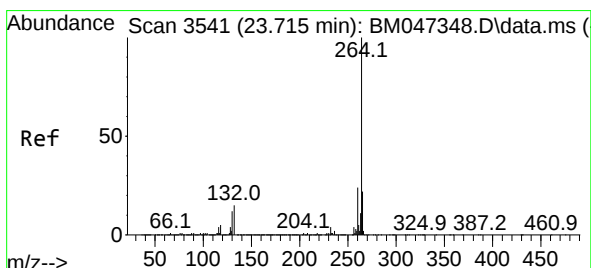
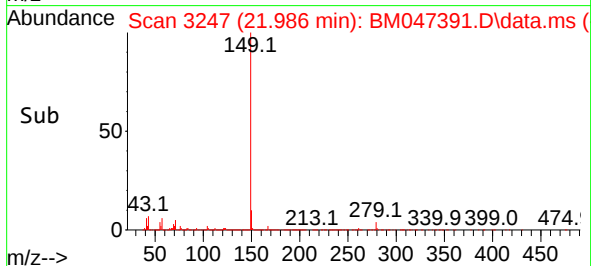
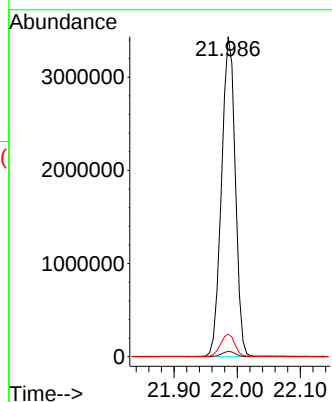
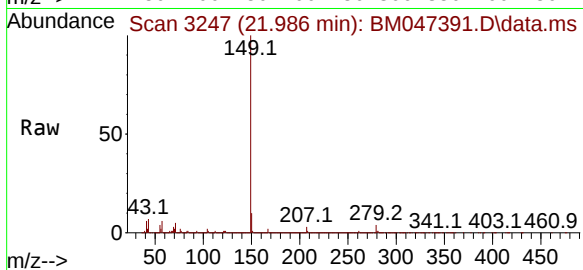
Tgt Ion:149 Resp: 5204552

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: BM047391.D

Acq: 29 Aug 2024 11:37

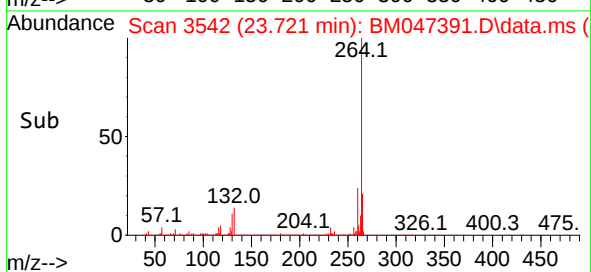
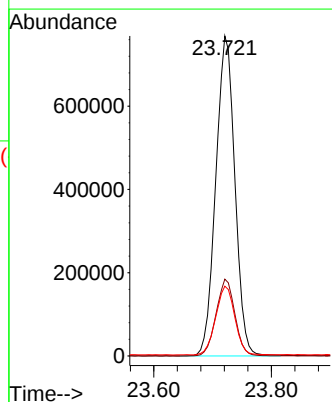
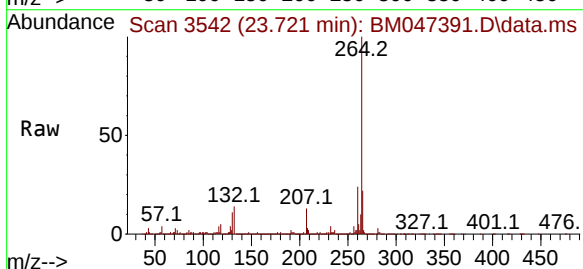
Tgt Ion:264 Resp: 1734077

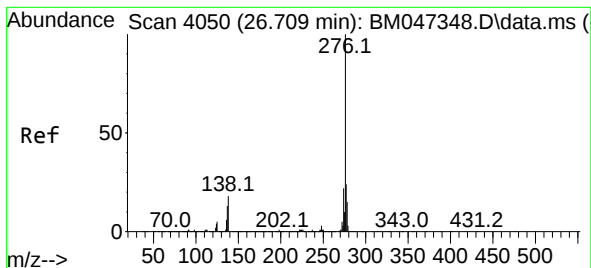
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.489 ng

RT: 26.744 min Scan# 4050

Delta R.T. 0.035 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

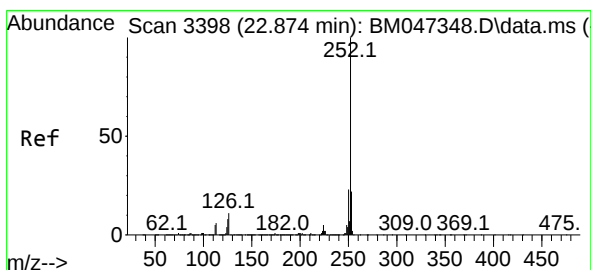
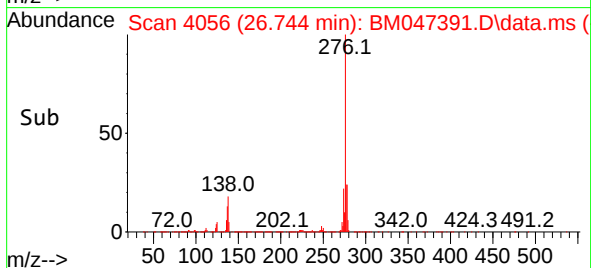
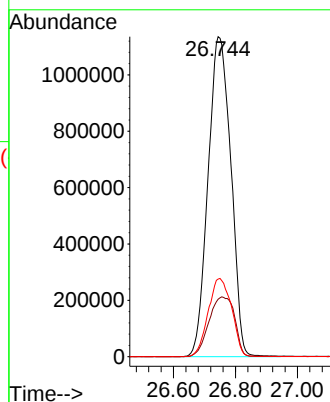
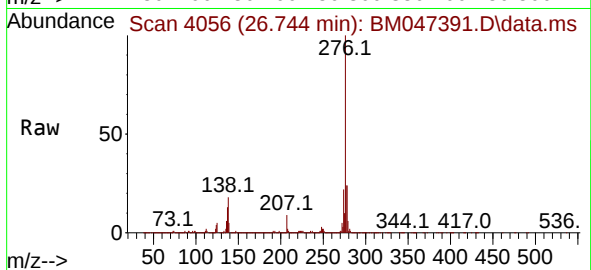
Tgt Ion:276 Resp: 5806431

Ion Ratio Lower Upper

276 100

138 21.0 17.7 26.5

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 49.420 ng

RT: 22.886 min Scan# 3400

Delta R.T. 0.012 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

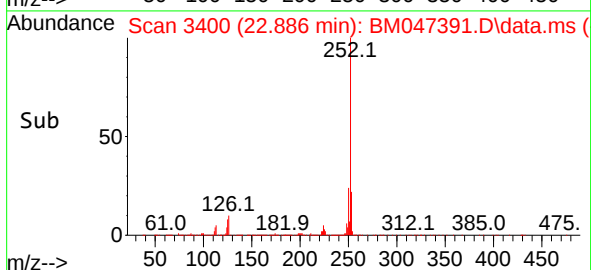
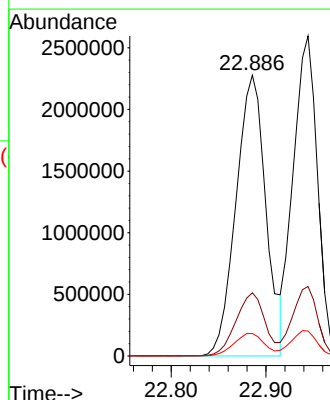
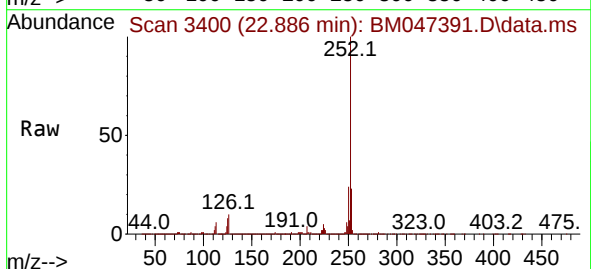
Tgt Ion:252 Resp: 4999778

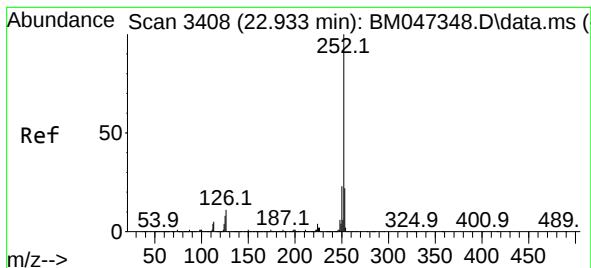
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 8.0 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 48.252 ng

RT: 22.944 min Scan# 3408

Delta R.T. 0.012 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

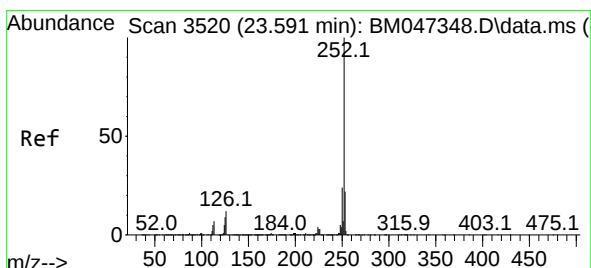
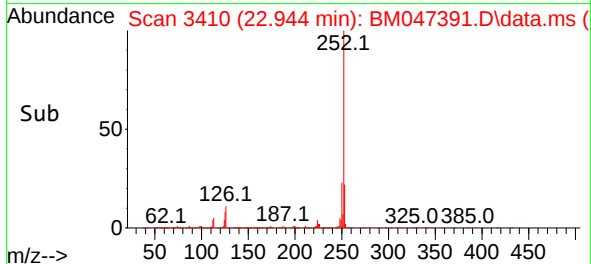
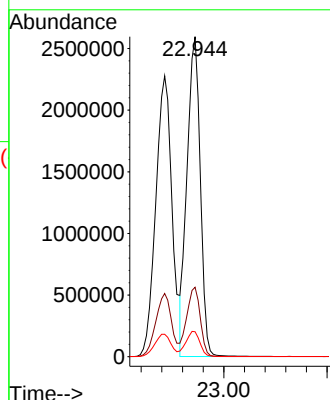
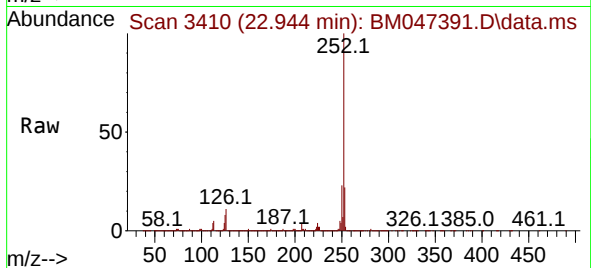
Tgt Ion:252 Resp: 4627635

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.8 6.6 9.8



#90

Benzo(a)pyrene

Concen: 52.311 ng

RT: 23.603 min Scan# 3522

Delta R.T. 0.012 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

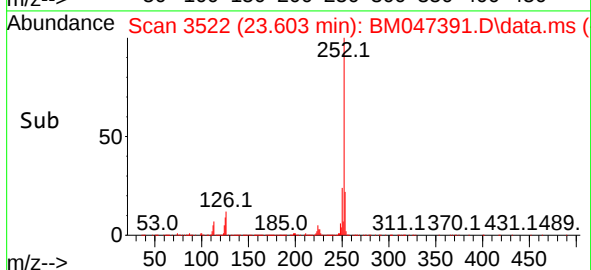
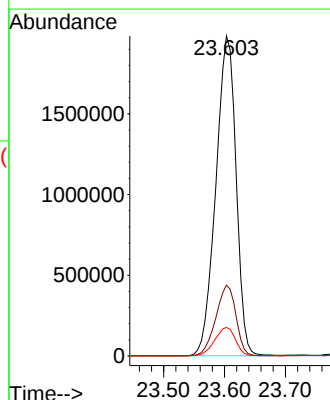
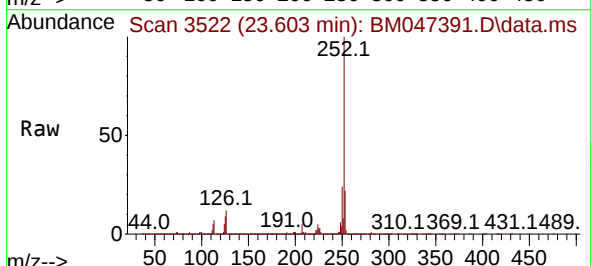
Tgt Ion:252 Resp: 4576664

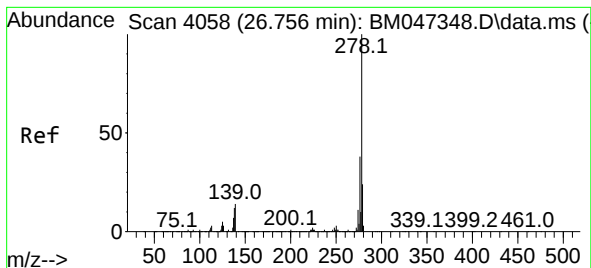
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.9 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 53.203 ng

RT: 26.791 min Scan# 4058

Delta R.T. 0.035 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Instrument :

BNA_M

ClientSampleId :

PB163024BS

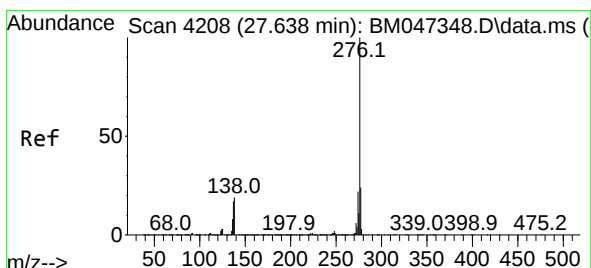
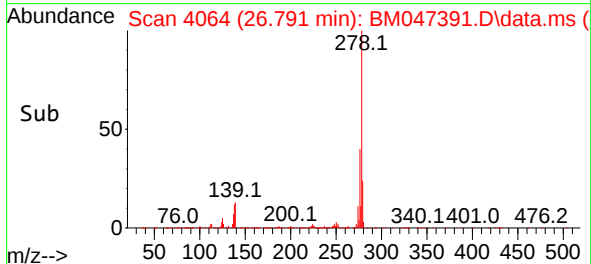
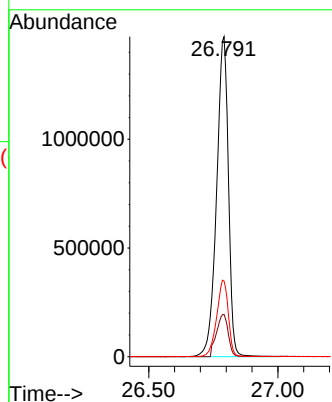
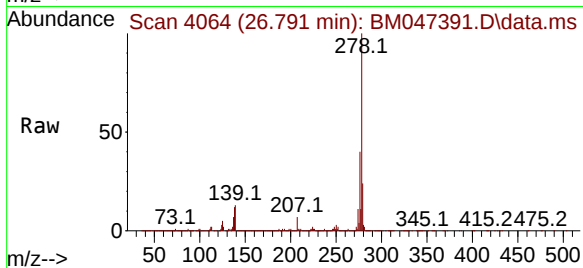
Tgt Ion:278 Resp: 4678711

Ion Ratio Lower Upper

278 100

139 13.2 11.1 16.7

279 23.7 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 49.826 ng

RT: 27.679 min Scan# 4215

Delta R.T. 0.041 min

Lab File: BM047391.D

Acq: 29 Aug 2024 11:37

Tgt Ion:276 Resp: 4555260

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 18.6 15.0 22.6

