

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090524\
 Data File : BM047451.D
 Acq On : 05 Sep 2024 17:25
 Operator : RC/JU
 Sample : P3836-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DN-B-38(B-8)MSD

Quant Time: Sep 05 18:12:32 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	7.339	152	289412	20.000	ng	-0.01
21) Naphthalene-d8	10.092	136	1033789	20.000	ng	-0.01
39) Acenaphthene-d10	14.004	164	611878	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1056032	20.000	ng	0.00
76) Chrysene-d12	21.021	240	775576	20.000	ng	0.00
86) Perylene-d12	23.721	264	950821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1674063	110.976	ng	0.00
7) Phenol-d6	6.575	99	2122671	103.295	ng	0.00
23) Nitrobenzene-d5	8.492	82	1374546	73.775	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	769757	104.272	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	2980911	74.854	ng	0.00
79) Terphenyl-d14	19.439	244	2930611	67.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.016	88	227235	36.802	ng	96
3) Pyridine	3.387	79	609598	35.573	ng	99
4) n-Nitrosodimethylamine	3.310	42	297312	42.599	ng	100
6) Aniline	6.692	93	559974	30.087	ng	99
8) 2-Chlorophenol	6.922	128	822111	48.691	ng	98
9) Benzaldehyde	6.510	77	213338	16.359	ng	97
10) Phenol	6.598	94	926472	45.824	ng	99
11) bis(2-Chloroethyl)ether	6.792	93	788839	45.023	ng	98
12) 1,3-Dichlorobenzene	7.228	146	941112	45.582	ng	98
13) 1,4-Dichlorobenzene	7.375	146	957492	45.792	ng	99
14) 1,2-Dichlorobenzene	7.681	146	925674	46.714	ng	99
15) Benzyl Alcohol	7.604	79	702577	49.315	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.863	45	923712	43.969	ng	98
17) 2-Methylphenol	7.816	107	649931	46.269	ng	97
18) Hexachloroethane	8.381	117	351289	44.942	ng	97
19) n-Nitroso-di-n-propyla...	8.151	70	562045	39.788	ng	98
20) 3+4-Methylphenols	8.151	107	845165	43.274	ng	# 79
22) Acetophenone	8.169	105	1113608	46.415	ng	# 98
24) Nitrobenzene	8.533	77	866467	45.217	ng	97
25) Isophorone	9.057	82	1581719	44.917	ng	99
26) 2-Nitrophenol	9.233	139	484448	51.397	ng	97
27) 2,4-Dimethylphenol	9.322	122	638760	60.038	ng	99
28) bis(2-Chloroethoxy)met...	9.539	93	1001558	46.447	ng	99
29) 2,4-Dichlorophenol	9.786	162	855163	51.815	ng	98
30) 1,2,4-Trichlorobenzene	9.963	180	922987	48.418	ng	99
31) Naphthalene	10.145	128	2387791	47.290	ng	99
32) Benzoic acid	9.557	122	498255	39.219	ng	97
33) 4-Chloroaniline	10.292	127	498440	26.549	ng	99
34) Hexachlorobutadiene	10.416	225	624285	52.438	ng	98
35) Caprolactam	11.110	113	229203	42.871	ng	94
36) 4-Chloro-3-methylphenol	11.457	107	743730	44.375	ng	99
37) 2-Methylnaphthalene	11.774	142	1675766	45.518	ng	99
38) 1-Methylnaphthalene	11.998	142	1557721	42.781	ng	100
40) 1,2,4,5-Tetrachloroben...	12.157	216	1004378	55.433	ng	99
41) Hexachlorocyclopentadiene	12.121	237	404861	70.800	ng	100
43) 2,4,6-Trichlorophenol	12.427	196	668186	53.796	ng	98

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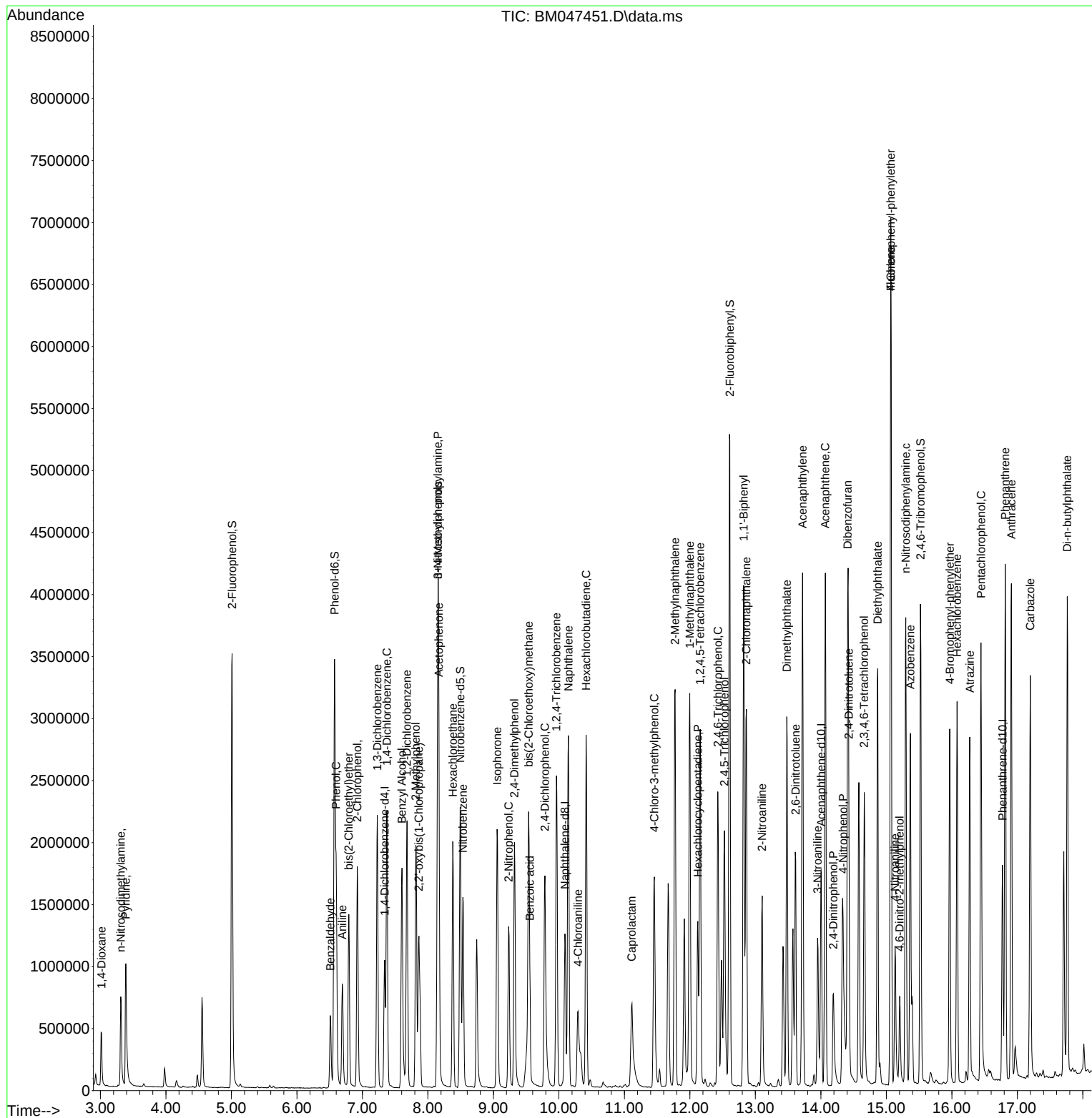
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.527	196	684120	49.595	ng	98
46) 1,1'-Biphenyl	12.821	154	2138949	50.064	ng	99
47) 2-Chloronaphthalene	12.863	162	1645781	49.155	ng	99
48) 2-Nitroaniline	13.104	65	448252	47.795	ng	95
49) Acenaphthylene	13.721	152	2496629	51.306	ng	99
50) Dimethylphthalate	13.480	163	2091555	49.609	ng	100
51) 2,6-Dinitrotoluene	13.616	165	455045	46.356	ng	94
52) Acenaphthene	14.068	154	1509947	48.880	ng	99
53) 3-Nitroaniline	13.951	138	369350	40.776	ng	98
54) 2,4-Dinitrophenol	14.192	184	269375	44.560	ng	93
55) Dibenzofuran	14.410	168	2392629	48.087	ng	98
56) 4-Nitrophenol	14.339	139	510999	72.170	ng	98
57) 2,4-Dinitrotoluene	14.427	165	559517	44.031	ng	# 84
58) Fluorene	15.068	166	1809311	44.931	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.662	232	541981	47.836	ng	98
60) Diethylphthalate	14.868	149	1945681	46.784	ng	99
61) 4-Chlorophenyl-phenyle...	15.068	204	966937	47.202	ng	98
62) 4-Nitroaniline	15.133	138	352605	42.081	ng	98
63) Azobenzene	15.368	77	1760048	48.599	ng	96
65) 4,6-Dinitro-2-methylph...	15.204	198	189292	29.205	ng	98
66) n-Nitrosodiphenylamine	15.298	169	1591811	55.088	ng	99
67) 4-Bromophenyl-phenylether	15.968	248	599140	53.779	ng	95
68) Hexachlorobenzene	16.080	284	648064	50.365	ng	98
69) Atrazine	16.274	200	564477	59.764	ng	99
70) Pentachlorophenol	16.445	266	761570	91.545	ng	98
71) Phenanthrene	16.815	178	2584745	50.399	ng	100
72) Anthracene	16.909	178	2624927	52.504	ng	99
73) Carbazole	17.198	167	2286881	47.668	ng	100
74) Di-n-butylphthalate	17.762	149	2857182	48.908	ng	100
75) Fluoranthene	18.856	202	2812138	46.699	ng	99
77) Benzidine	19.068	184	1468239	113.411	ng	99
78) Pyrene	19.221	202	2891473	48.609	ng	100
80) Butylbenzylphthalate	20.150	149	1115389	47.917	ng	99
81) Benzo(a)anthracene	21.003	228	2600504	51.416	ng	99
82) 3,3'-Dichlorobenzidine	20.944	252	874580	51.404	ng	98
83) Chrysene	21.062	228	2419220	50.848	ng	100
84) Bis(2-ethylhexyl)phtha...	20.944	149	1546856	47.018	ng	# 98
85) Di-n-octyl phthalate	21.974	149	2697588	48.715	ng	98
87) Indeno(1,2,3-cd)pyrene	26.750	276	3233591	54.327	ng	98
88) Benzo(b)fluoranthene	22.880	252	2696611	48.611	ng	100
89) Benzo(k)fluoranthene	22.933	252	2529284	48.098	ng	99
90) Benzo(a)pyrene	23.603	252	2560996	53.385	ng	99
91) Dibenzo(a,h)anthracene	26.785	278	2574264	53.386	ng	100
92) Benzo(g,h,i)perylene	27.691	276	2515412	50.178	ng	98

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

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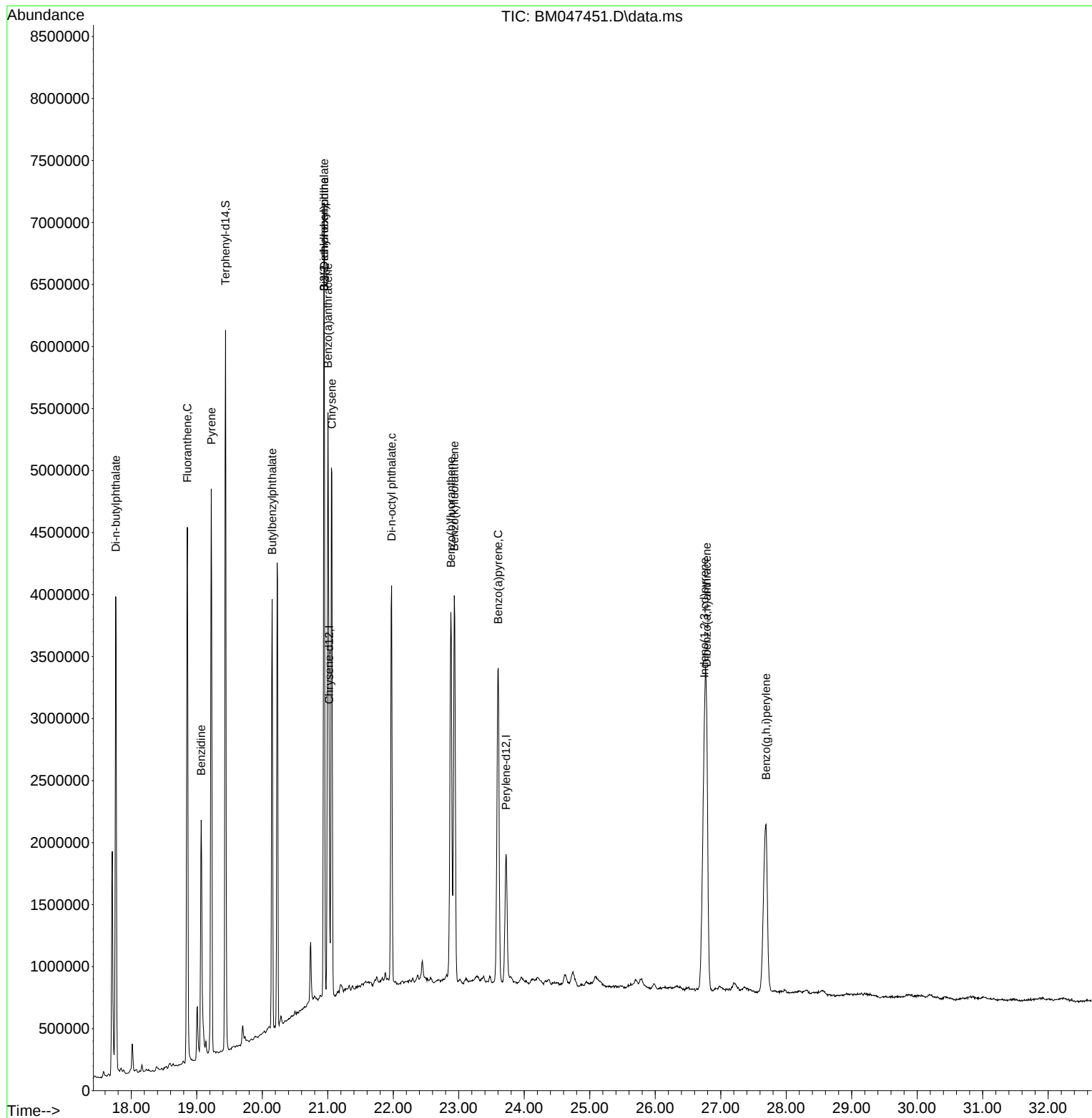
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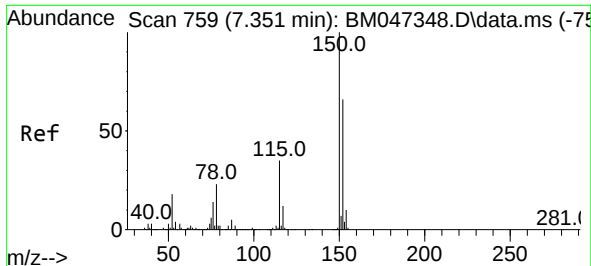


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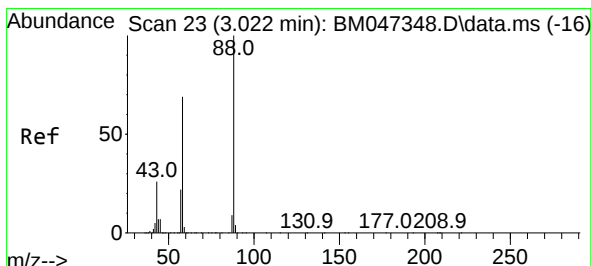
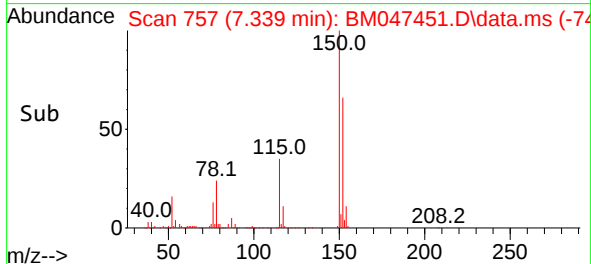
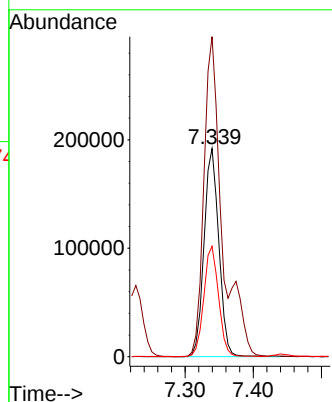
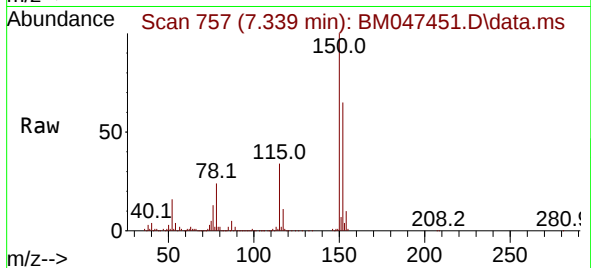




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM047451.D
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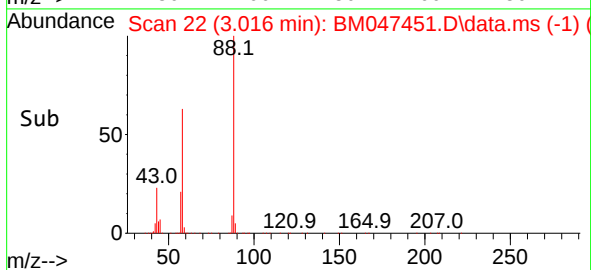
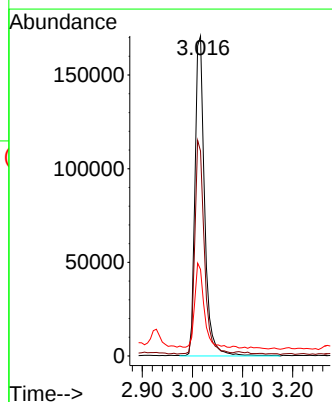
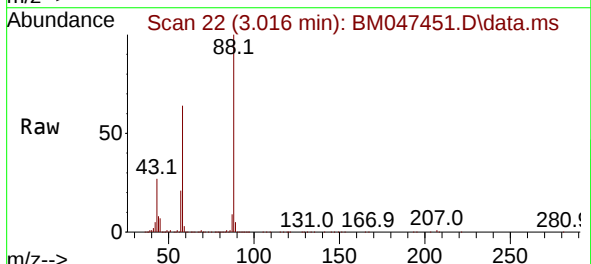
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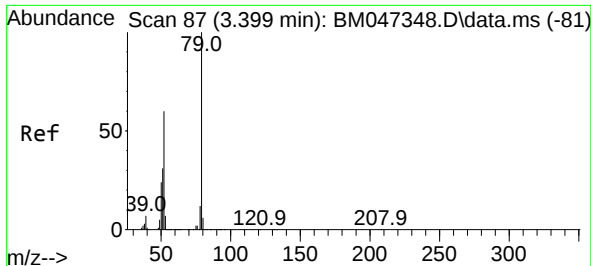
Tgt Ion:152 Resp: 289412
Ion Ratio Lower Upper
152 100
150 153.7 121.3 181.9
115 53.0 42.6 64.0



#2
1,4-Dioxane
Concen: 36.802 ng
RT: 3.016 min Scan# 22
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion: 88 Resp: 227235
Ion Ratio Lower Upper
88 100
58 65.2 55.4 83.0
43 25.1 20.7 31.1

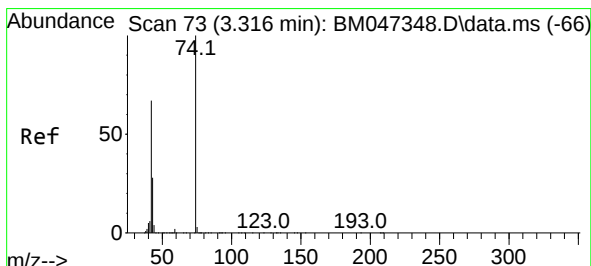
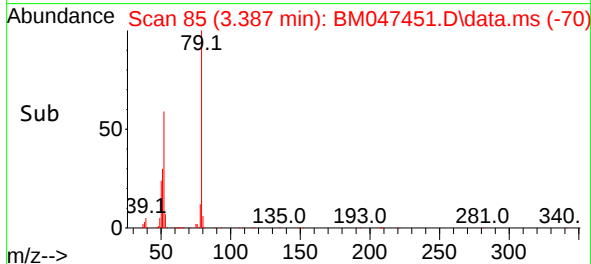
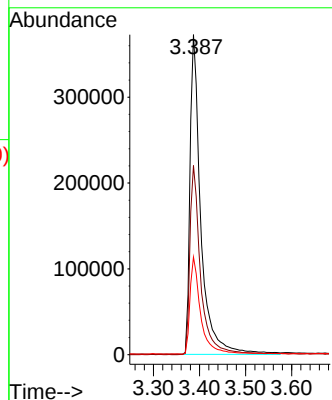
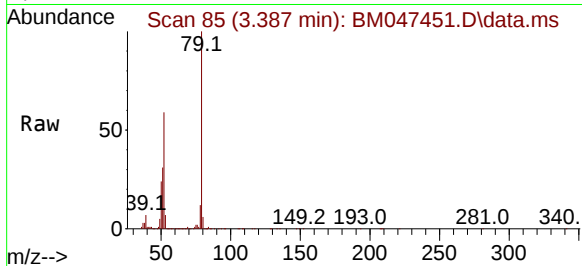




#3
 Pyridine
 Concen: 35.573 ng
 RT: 3.387 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM047451.D
 Acq: 05 Sep 2024 17:25

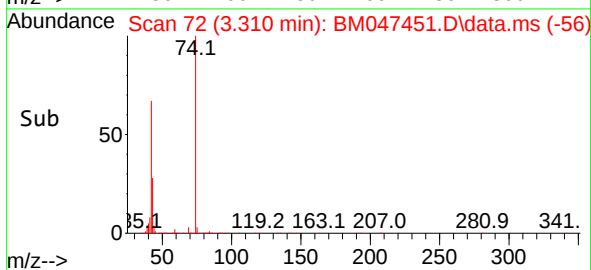
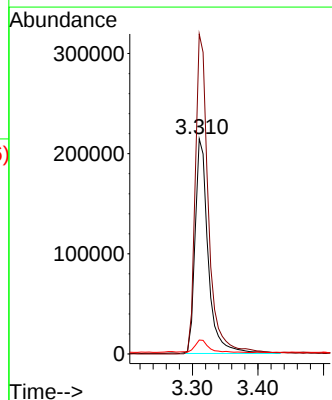
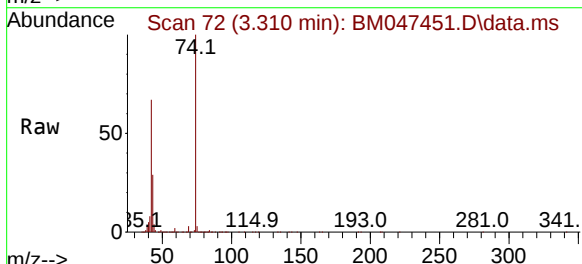
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 DN-B-38(B-8)MSD

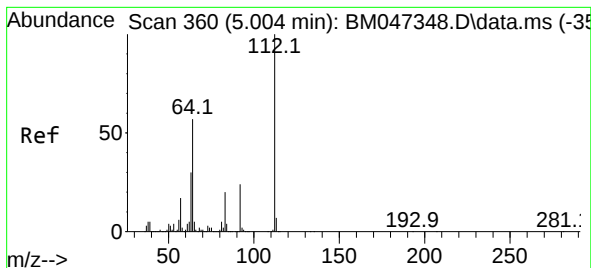
Tgt Ion: 79 Resp: 609598
 Ion Ratio Lower Upper
 79 100
 52 59.1 47.8 71.6
 51 30.5 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 42.599 ng
 RT: 3.310 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM047451.D
 Acq: 05 Sep 2024 17:25

Tgt Ion: 42 Resp: 297312
 Ion Ratio Lower Upper
 42 100
 74 148.6 119.2 178.8
 44 6.5 5.2 7.8





#5

2-Fluorophenol

Concen: 110.976 ng

RT: 5.010 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM047451.D

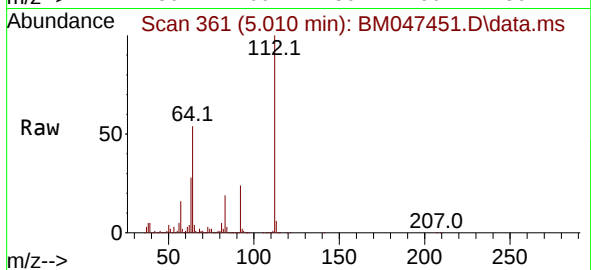
Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

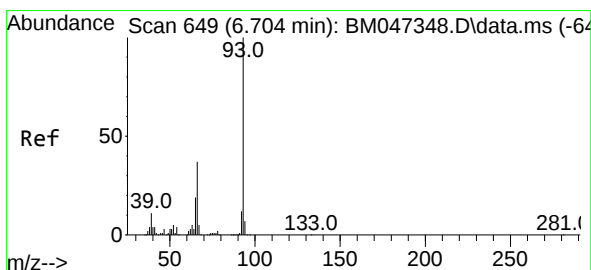
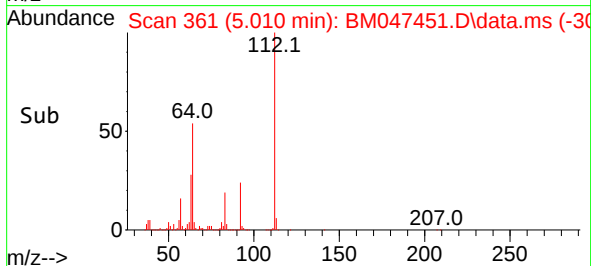
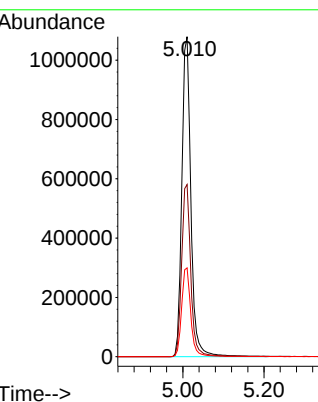
DN-B-38(B-8)MSD



Tgt Ion:112 Resp: 1674063

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
112	100		
64	53.8	45.7	68.5
63	27.8	23.8	35.8



#6

Aniline

Concen: 30.087 ng

RT: 6.692 min Scan# 647

Delta R.T. -0.012 min

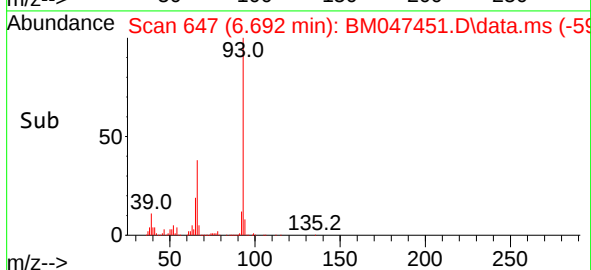
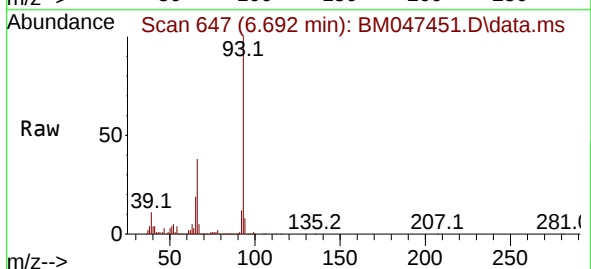
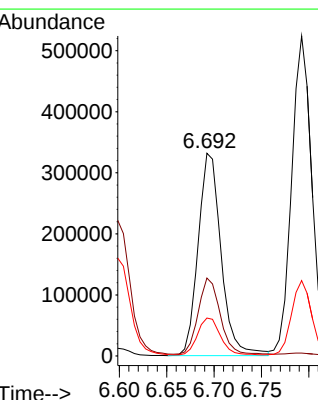
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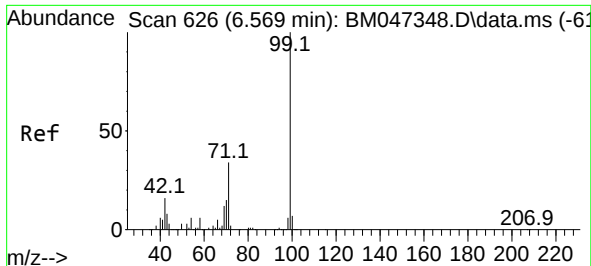
Acq: 05 Sep 2024 17:25

Tgt Ion: 93 Resp: 559974

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
93	100		
66	38.4	30.0	45.0
65	18.7	15.5	23.3



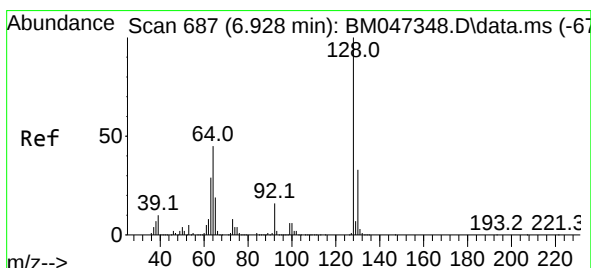
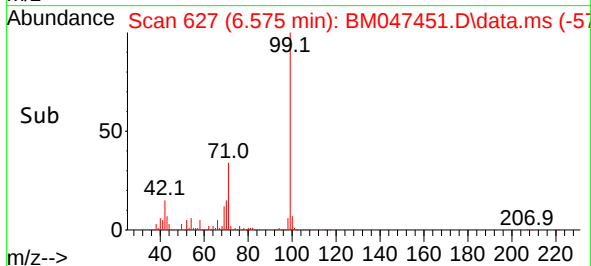
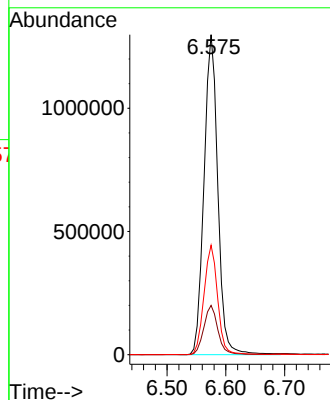
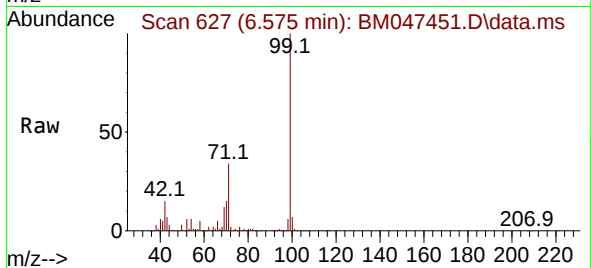


#7
Phenol-d6
Concen: 103.295 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
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Tgt Ion: 99 Resp: 2122671

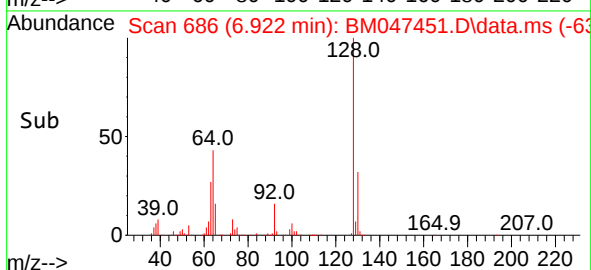
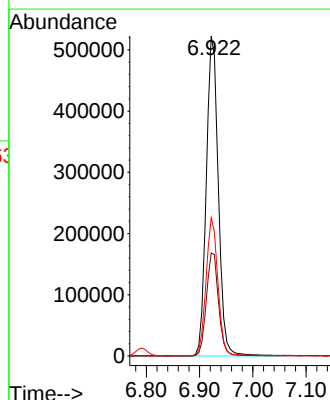
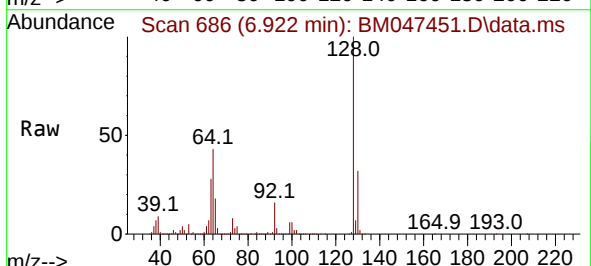
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.4
71	34.2	27.5	41.3

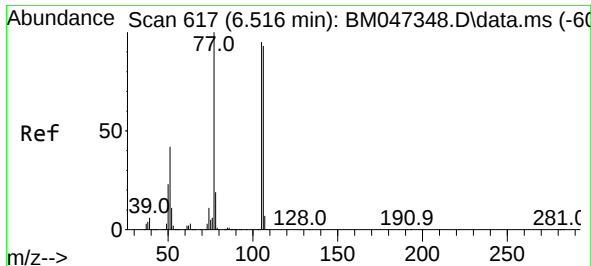


#8
2-Chlorophenol
Concen: 48.691 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM047451.D
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Tgt Ion: 128 Resp: 822111

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	43.2	25.3	65.3

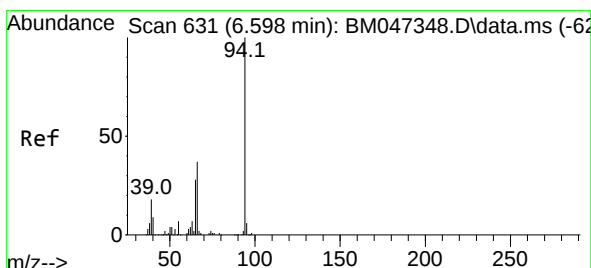
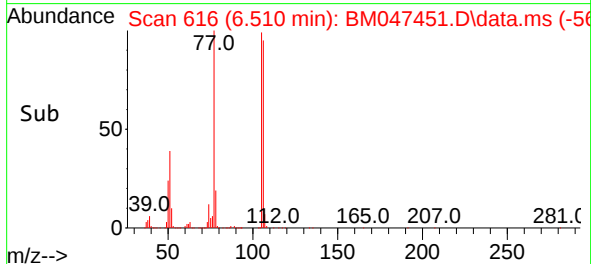
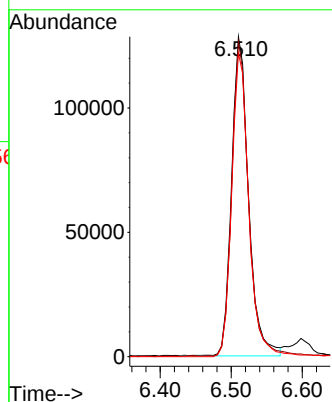
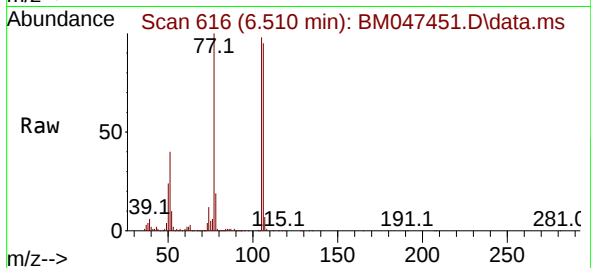




#9
Benzaldehyde
Concen: 16.359 ng
RT: 6.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

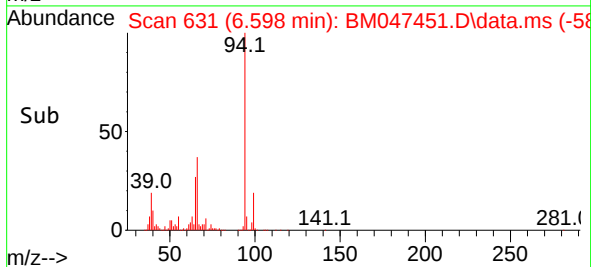
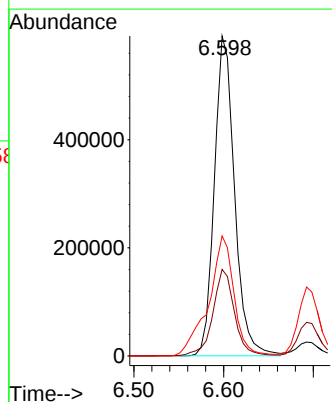
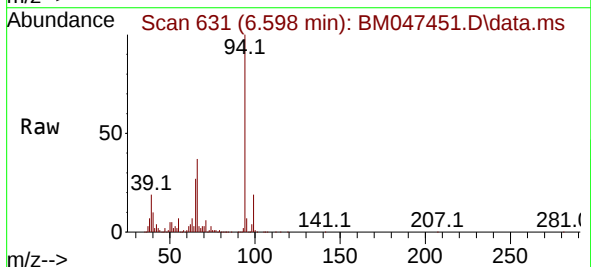
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

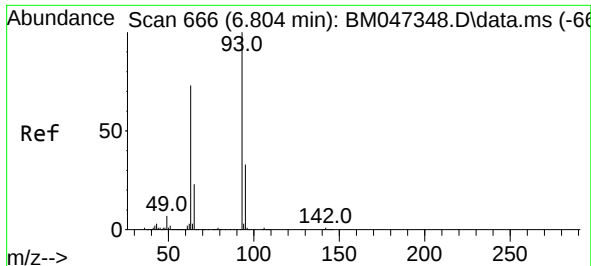
Tgt Ion: 77 Resp: 213338
Ion Ratio Lower Upper
77 100
105 98.4 74.9 114.9
106 94.9 72.6 112.6



#10
Phenol
Concen: 45.824 ng
RT: 6.598 min Scan# 631
Delta R.T. -0.000 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion: 94 Resp: 926472
Ion Ratio Lower Upper
94 100
65 27.0 7.9 47.9
66 37.5 17.3 57.3

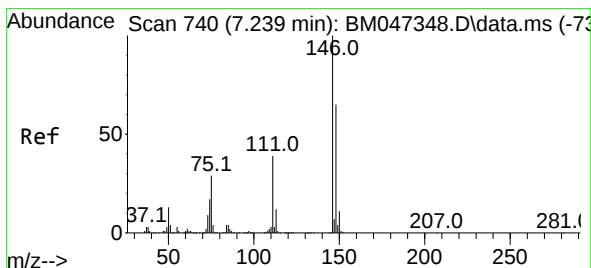
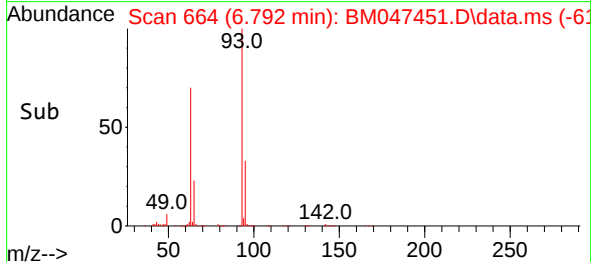
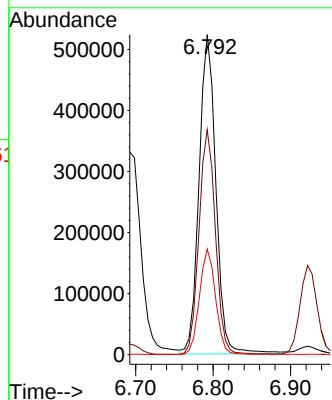
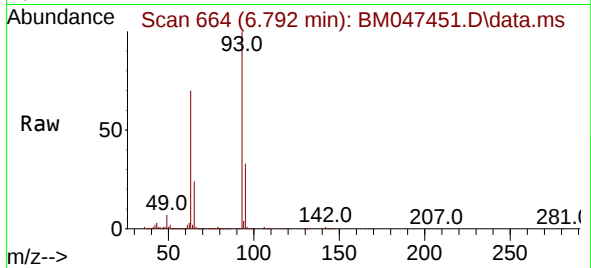




#11
bis(2-Chloroethyl)ether
Concen: 45.023 ng
RT: 6.792 min Scan# 666
Delta R.T. -0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

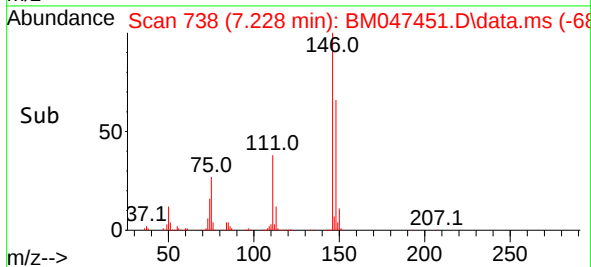
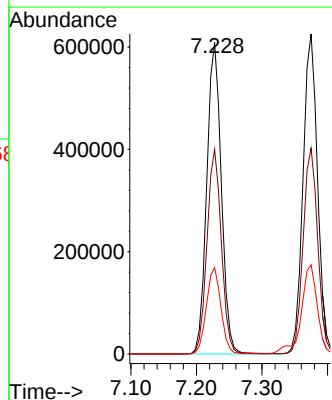
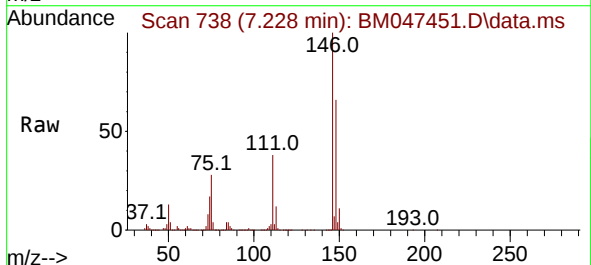
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

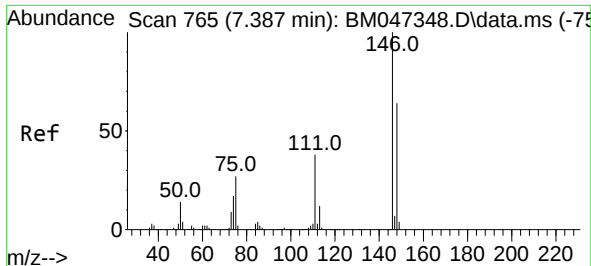
Tgt Ion: 93 Resp: 788839
Ion Ratio Lower Upper
93 100
63 70.3 52.2 92.2
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.582 ng
RT: 7.228 min Scan# 738
Delta R.T. -0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion: 146 Resp: 941112
Ion Ratio Lower Upper
146 100
148 65.7 51.6 77.4
75 27.7 23.3 34.9

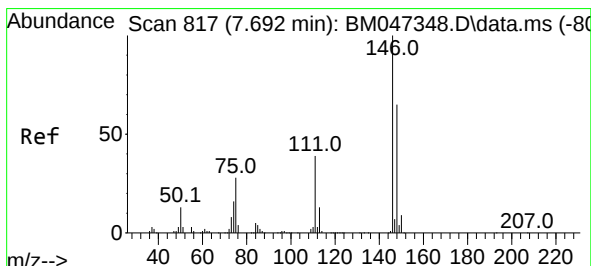
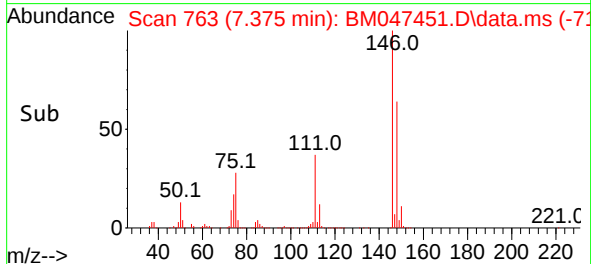
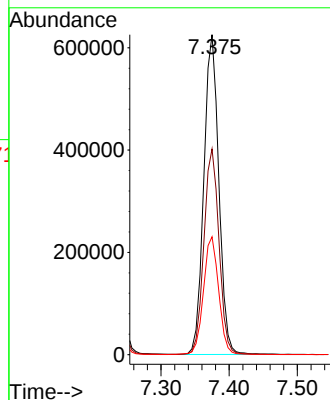
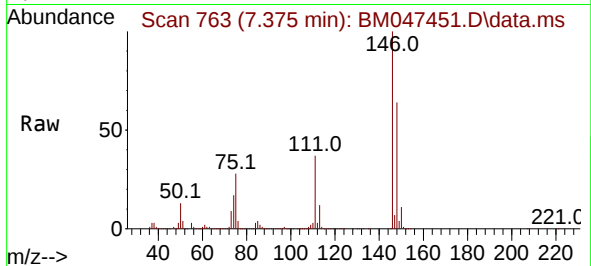




#13
1,4-Dichlorobenzene
Concen: 45.792 ng
RT: 7.375 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

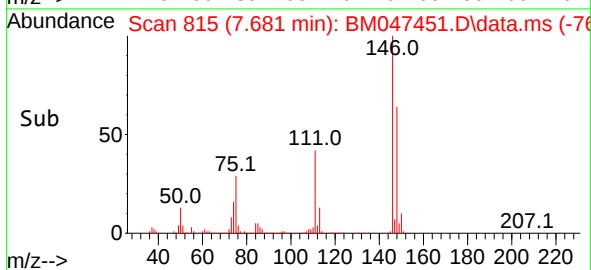
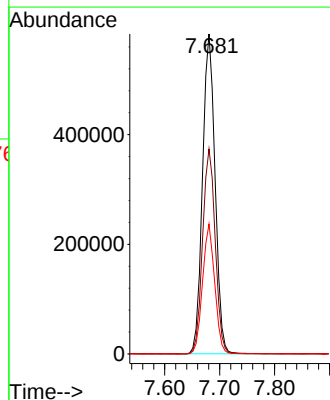
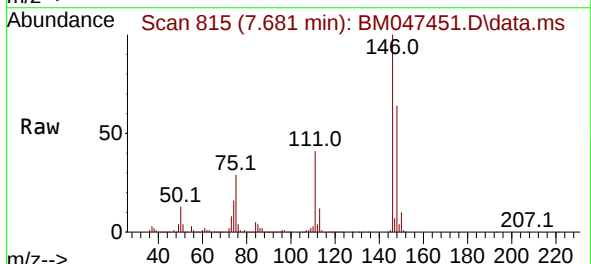
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

Tgt Ion:146 Resp: 957492
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 36.9 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 46.714 ng
RT: 7.681 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:146 Resp: 925674
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 40.6 31.7 47.5

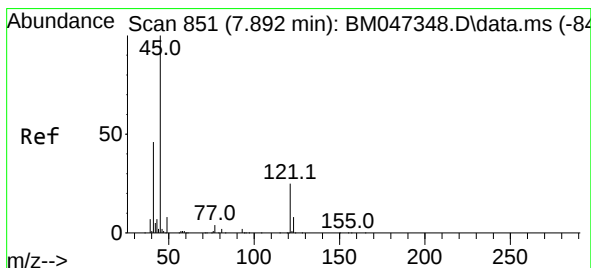
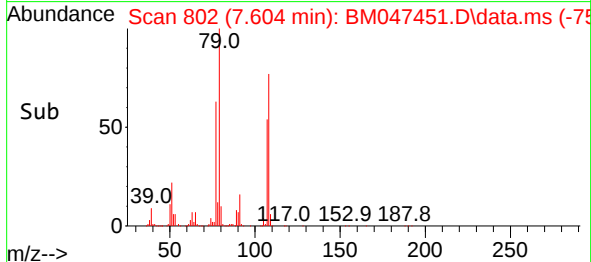
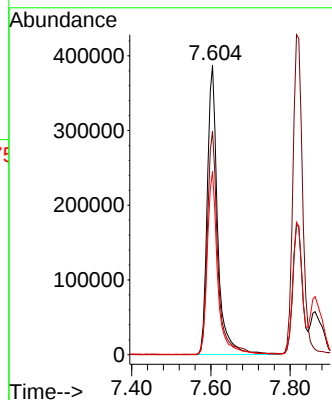
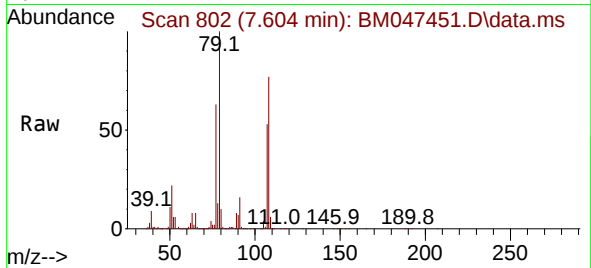




#15
Benzyl Alcohol
Concen: 49.315 ng
RT: 7.604 min Scan# 802
Delta R.T. -0.000 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

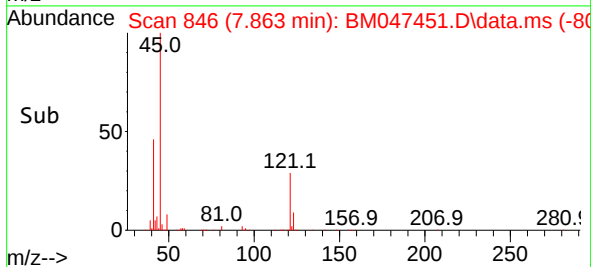
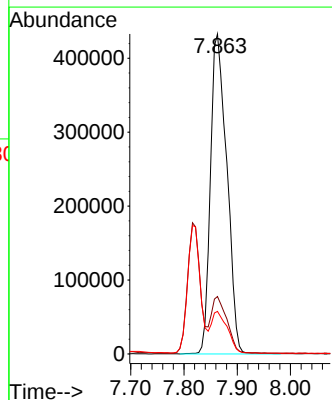
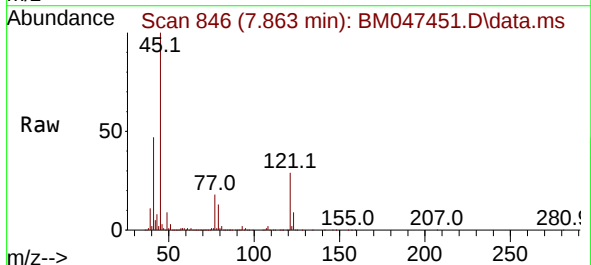
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

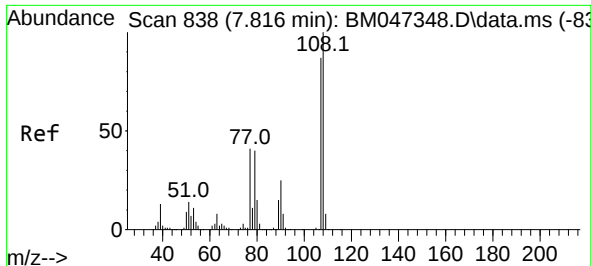
Tgt Ion: 79 Resp: 702577
Ion Ratio Lower Upper
79 100
108 77.2 61.1 91.7
77 63.3 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.969 ng
RT: 7.863 min Scan# 846
Delta R.T. -0.029 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion: 45 Resp: 923712
Ion Ratio Lower Upper
45 100
77 18.0 0.0 36.7
79 13.3 0.0 33.0

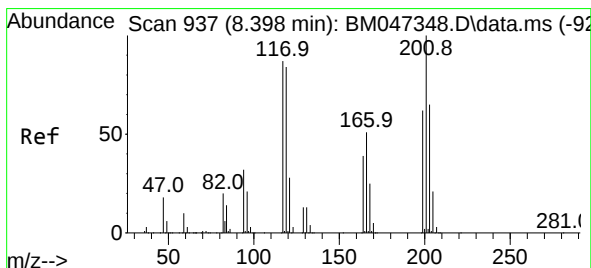
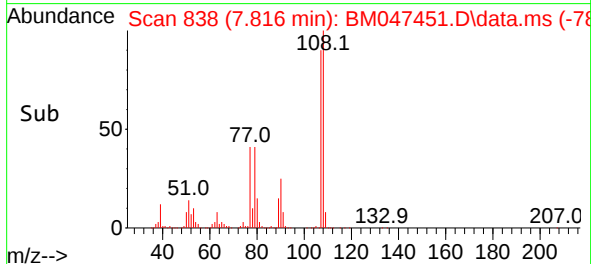
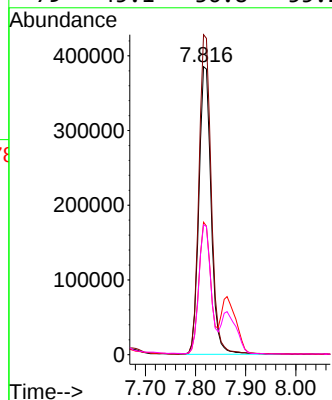
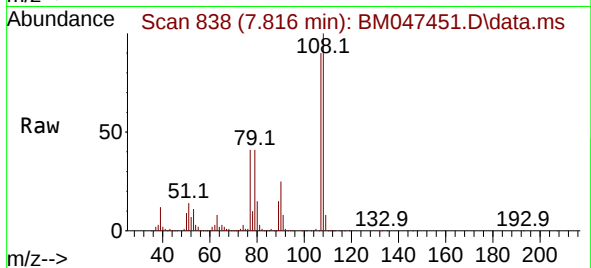




#17
2-Methylphenol
Concen: 46.269 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

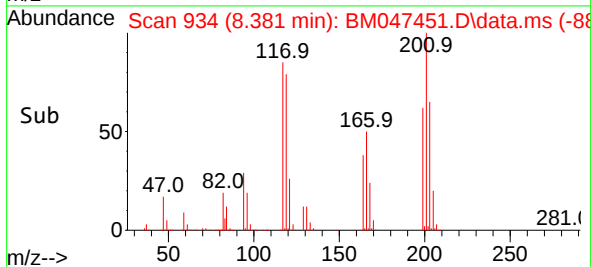
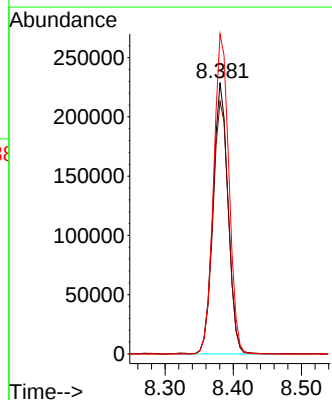
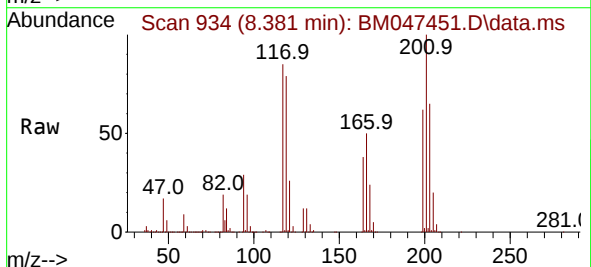
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

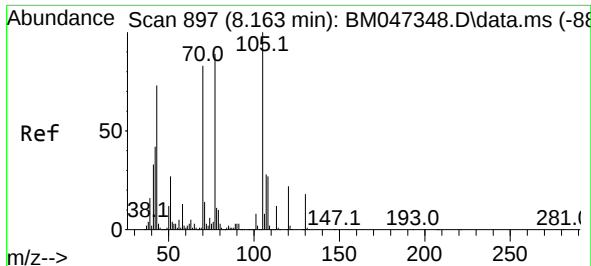
Tgt Ion:	107	Resp:	649931
Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.6	137.4
77	46.0	38.0	57.0
79	45.1	36.8	55.2



#18
Hexachloroethane
Concen: 44.942 ng
RT: 8.381 min Scan# 934
Delta R.T. -0.018 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:	117	Resp:	351289
Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.8	116.8
201	117.9	92.3	138.5

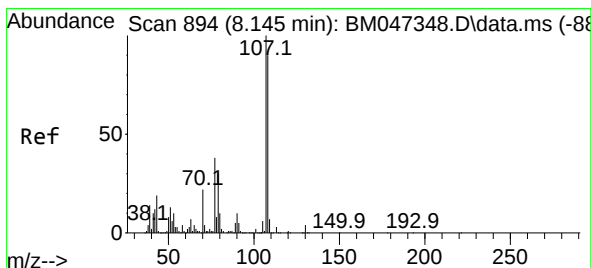
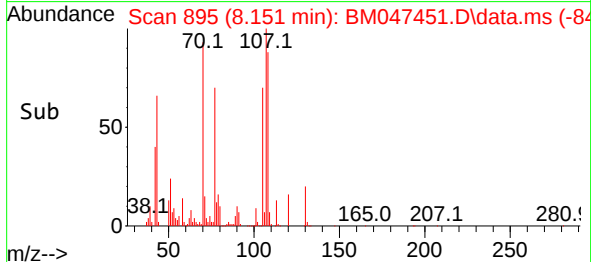
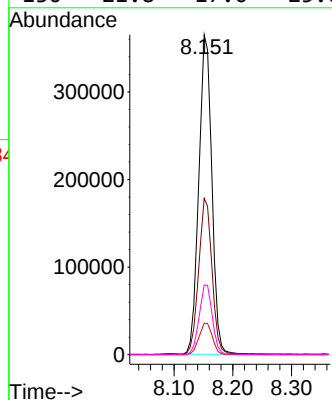
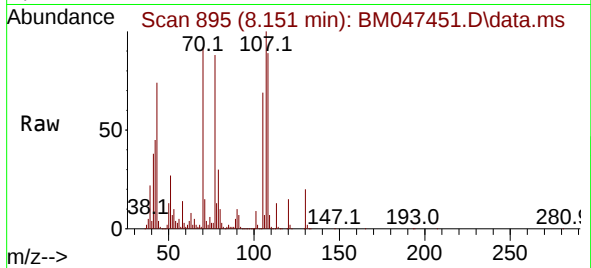




#19
n-Nitroso-di-n-propylamine
Concen: 39.788 ng
RT: 8.151 min Scan# 895
Delta R.T. -0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

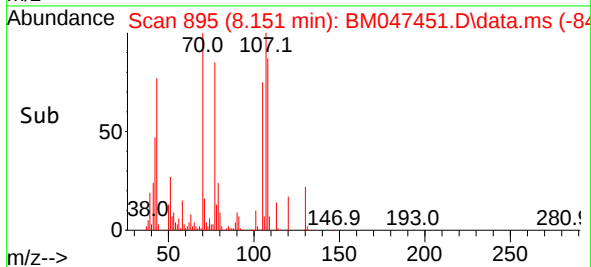
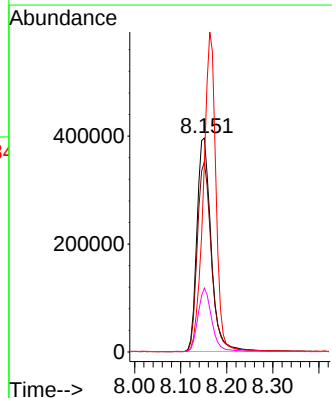
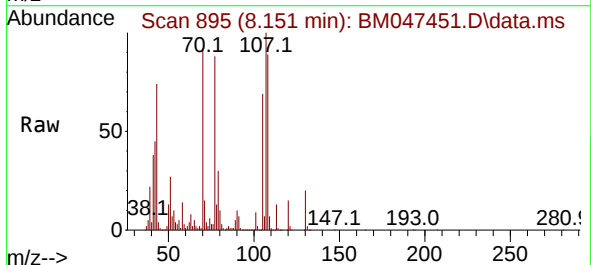
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

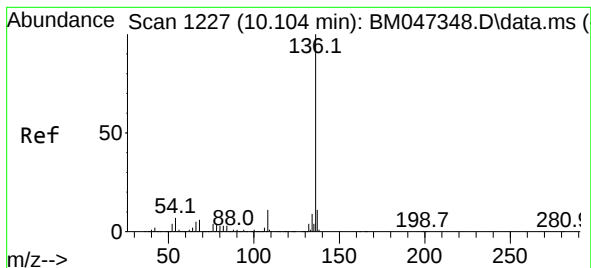
Tgt Ion:	70	Resp:	562045
Ion Ratio	Lower	Upper	
70	100		
42	48.9	41.0	61.4
101	9.9	7.9	11.9
130	21.8	17.0	25.6



#20
3+4-Methylphenols
Concen: 43.274 ng
RT: 8.151 min Scan# 895
Delta R.T. 0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:	107	Resp:	845165
Ion Ratio	Lower	Upper	
107	100		
108	88.8	69.8	109.8
77	88.2	18.0	58.0#
79	29.9	9.8	49.8

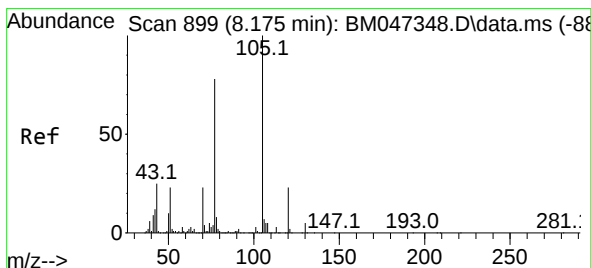
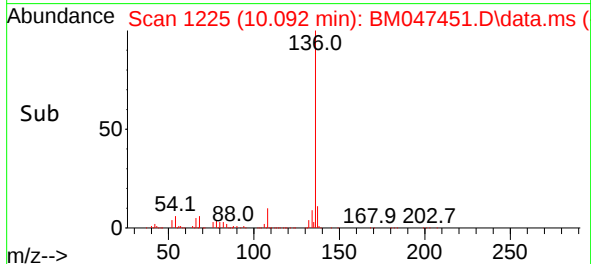
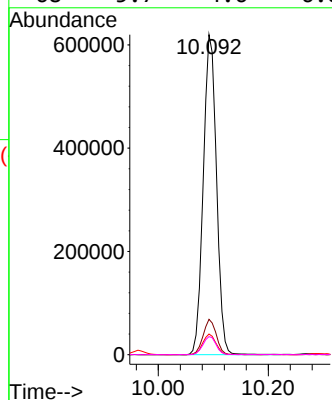
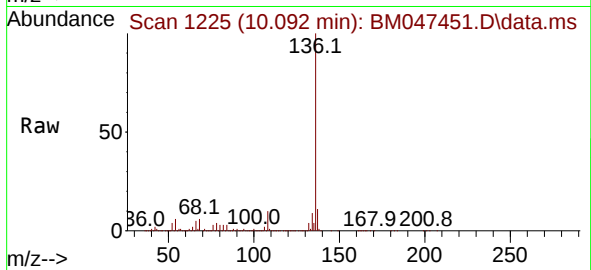




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

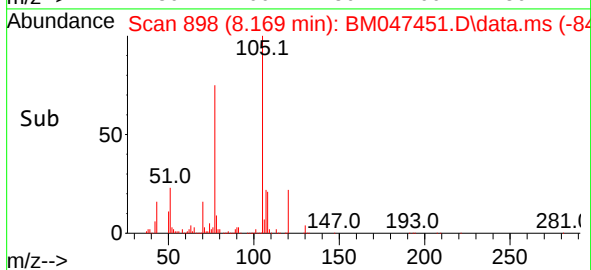
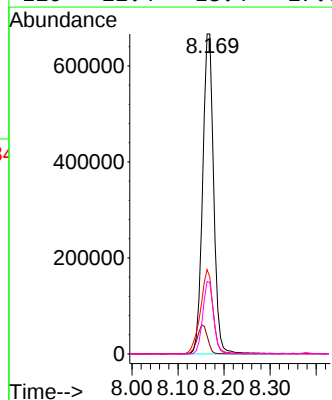
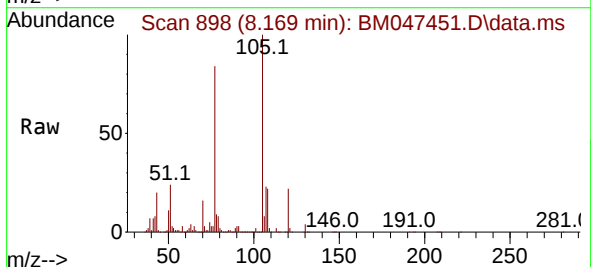
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

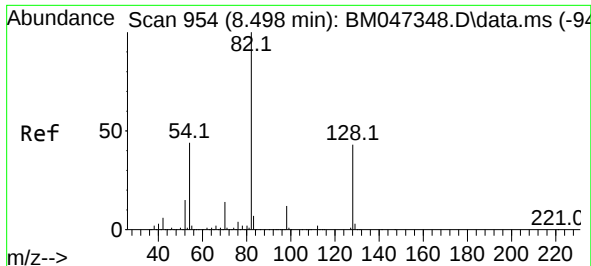
Tgt Ion:136 Resp: 1033789
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 5.2 7.8
68 5.7 4.6 6.8



#22
Acetophenone
Concen: 46.415 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:105 Resp: 1113608
Ion Ratio Lower Upper
105 100
71 2.7 3.1 4.7#
51 24.1 18.7 28.1
120 22.4 18.4 27.6

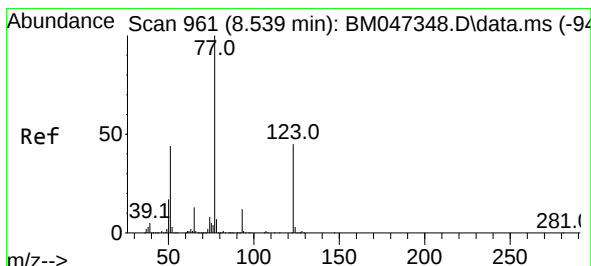
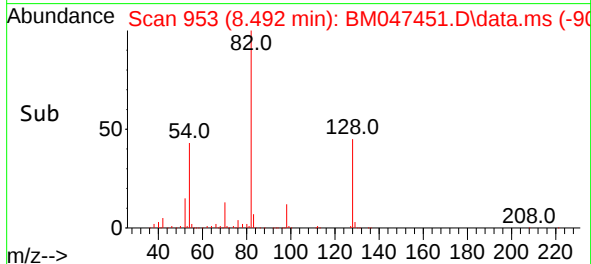
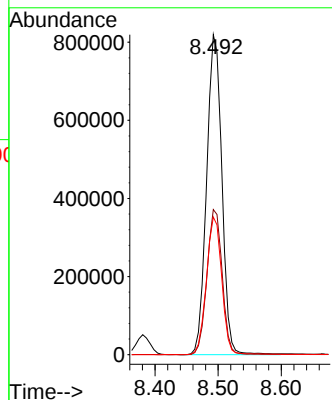
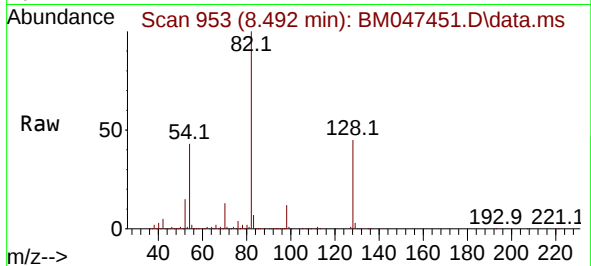




#23
Nitrobenzene-d5
Concen: 73.775 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

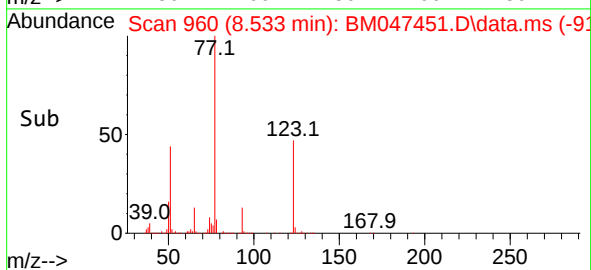
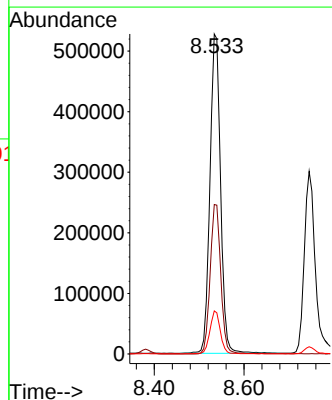
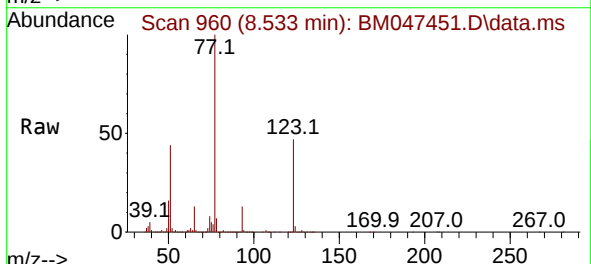
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

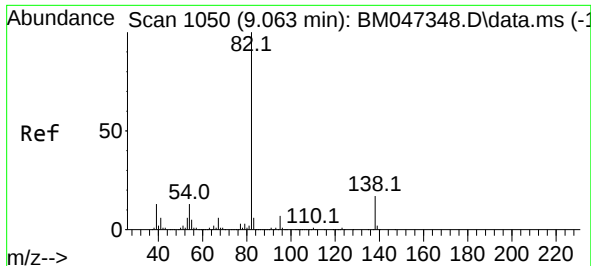
Tgt Ion: 82 Resp: 1374546
Ion Ratio Lower Upper
82 100
128 45.3 34.6 51.8
54 43.0 35.5 53.3



#24
Nitrobenzene
Concen: 45.217 ng
RT: 8.533 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion: 77 Resp: 866467
Ion Ratio Lower Upper
77 100
123 46.7 35.6 53.4
65 13.5 10.5 15.7





#25

Isophorone

Concen: 44.917 ng

RT: 9.057 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

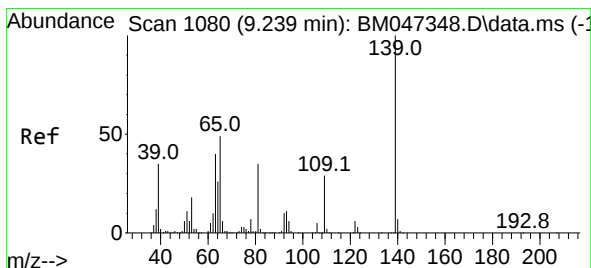
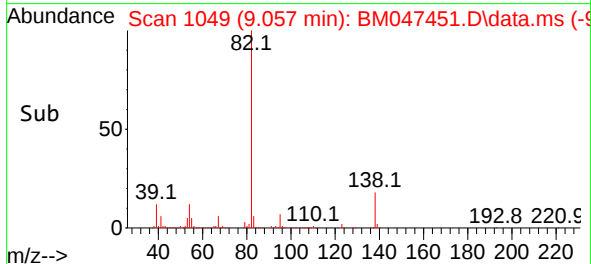
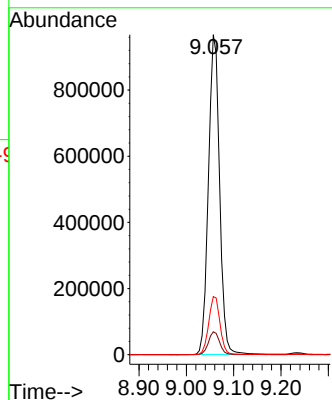
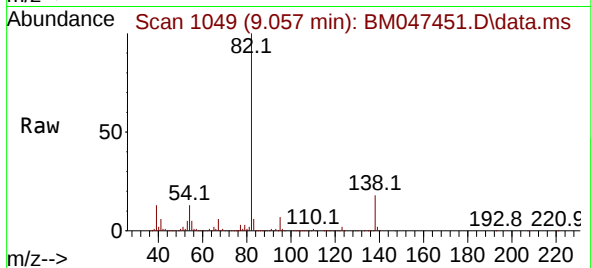
Tgt Ion: 82 Resp: 1581719

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 18.1 13.9 20.9



#26

2-Nitrophenol

Concen: 51.397 ng

RT: 9.233 min Scan# 1079

Delta R.T. -0.006 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

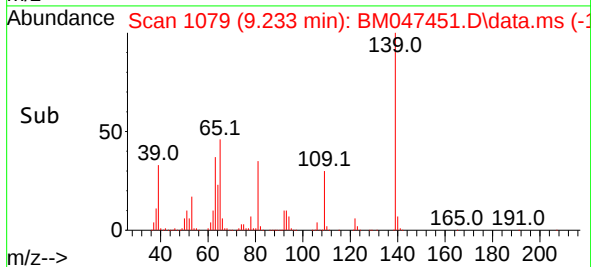
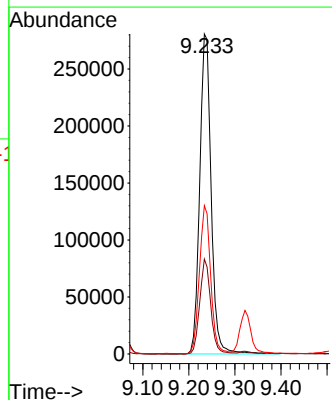
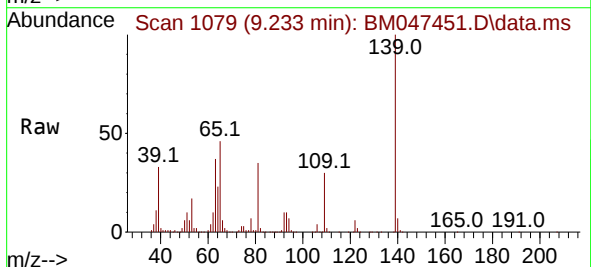
Tgt Ion:139 Resp: 484448

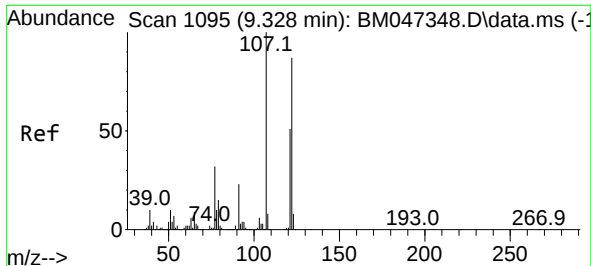
Ion Ratio Lower Upper

139 100

109 29.6 23.4 35.0

65 46.3 39.6 59.4

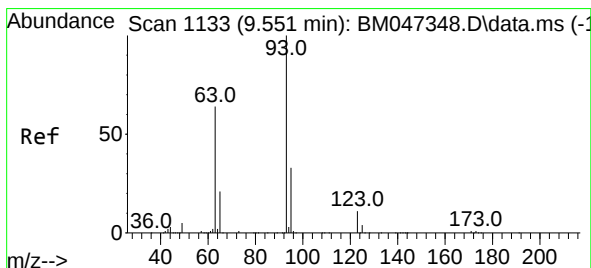
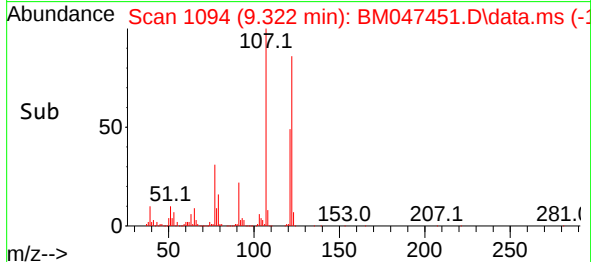
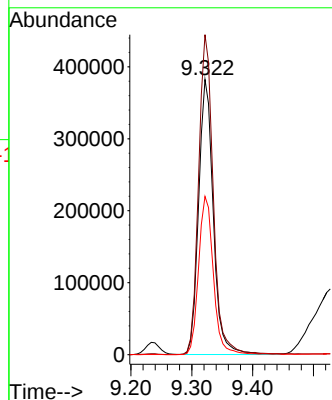
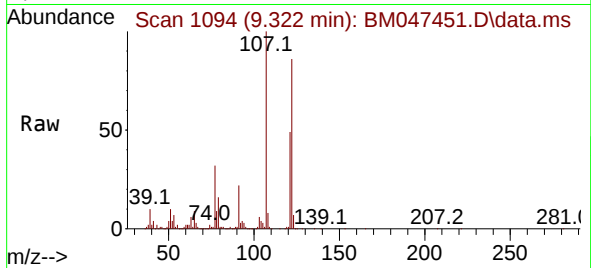




#27
2,4-Dimethylphenol
Concen: 60.038 ng
RT: 9.322 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

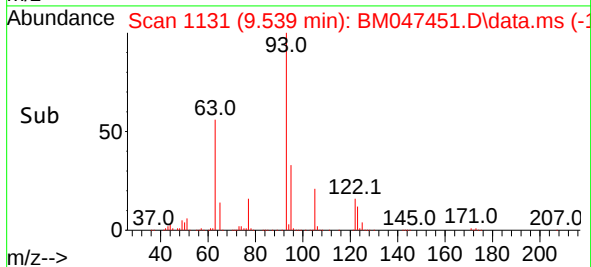
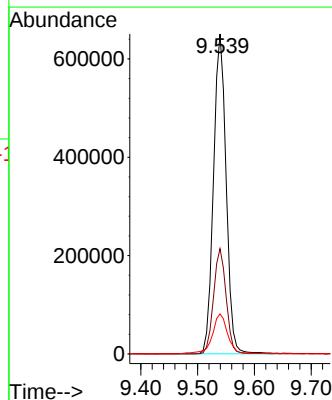
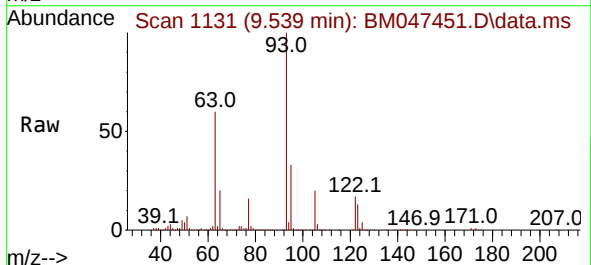
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

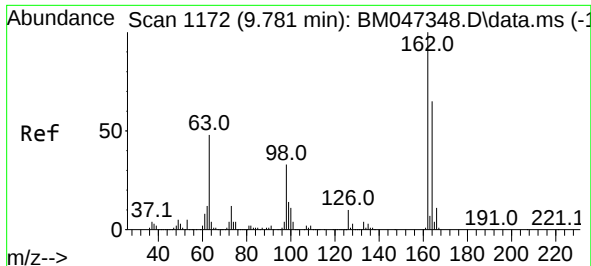
Tgt Ion:122 Resp: 638760
Ion Ratio Lower Upper
122 100
107 116.3 91.9 137.9
121 57.5 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.447 ng
RT: 9.539 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion: 93 Resp: 1001558
Ion Ratio Lower Upper
93 100
95 32.9 26.6 39.8
123 12.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 51.815 ng

RT: 9.786 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

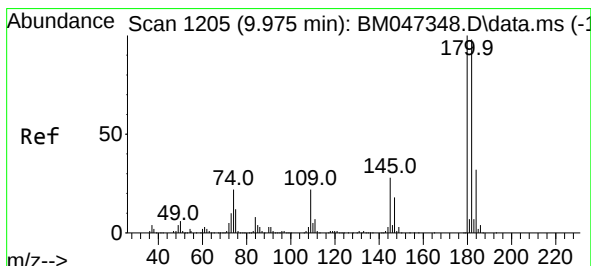
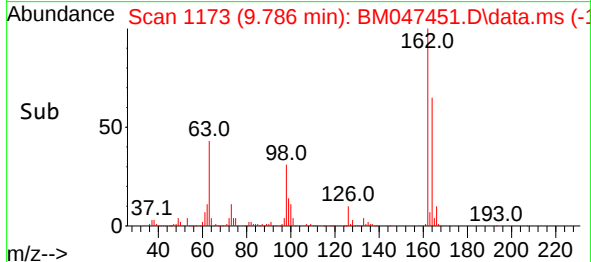
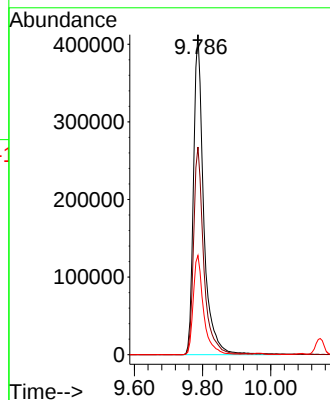
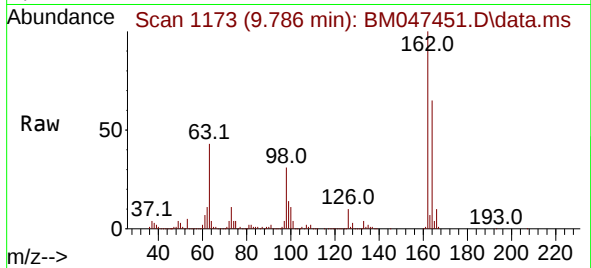
Tgt Ion:162 Resp: 855163

Ion Ratio Lower Upper

162 100

164 64.9 44.6 84.6

98 31.0 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 48.418 ng

RT: 9.963 min Scan# 1203

Delta R.T. -0.012 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

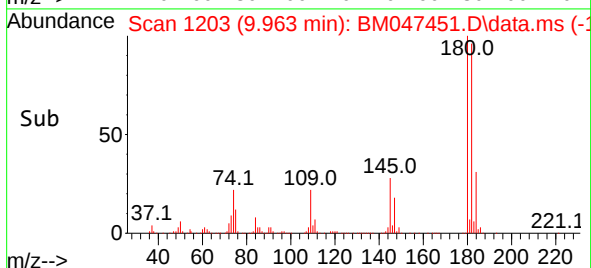
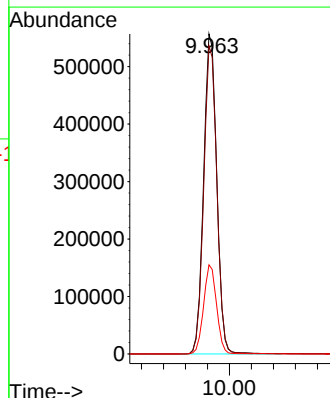
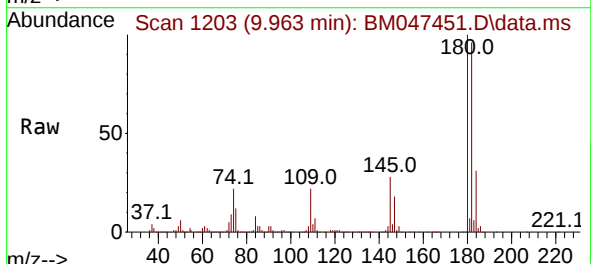
Tgt Ion:180 Resp: 922987

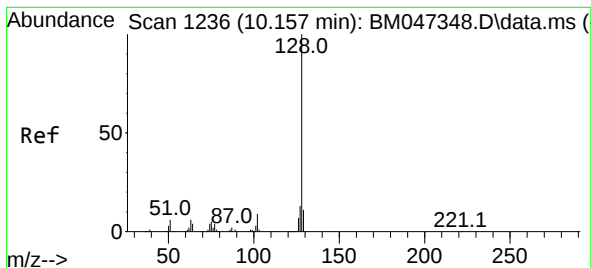
Ion Ratio Lower Upper

180 100

182 96.3 78.2 117.2

145 27.9 22.3 33.5

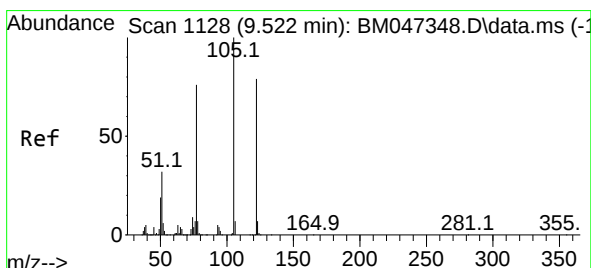
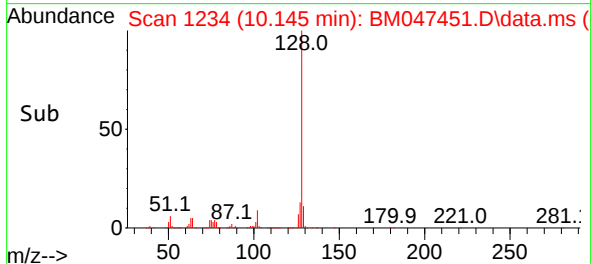
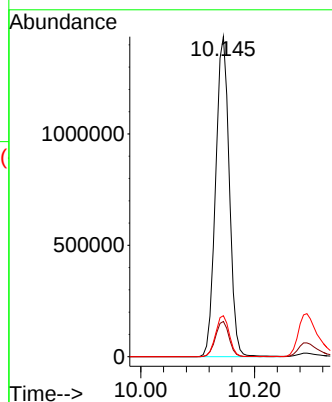
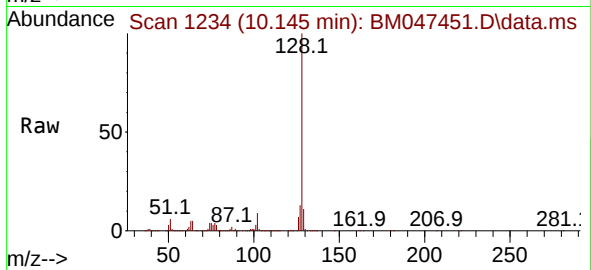




#31
Naphthalene
Concen: 47.290 ng
RT: 10.145 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

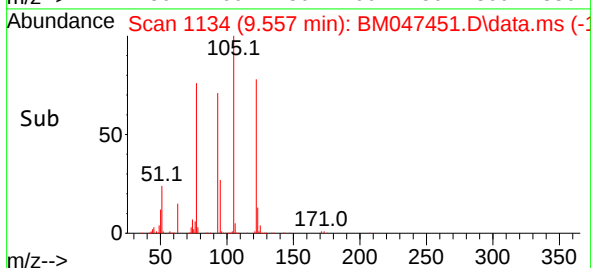
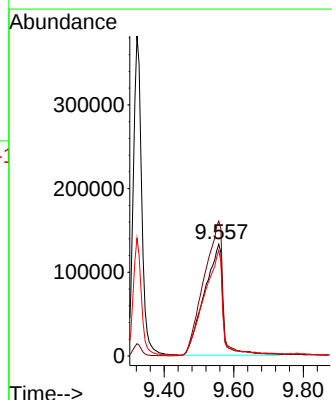
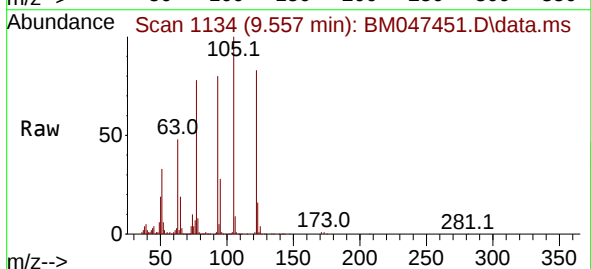
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

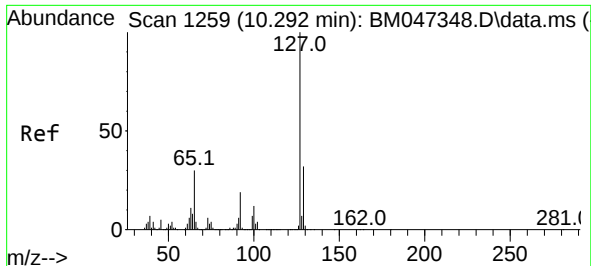
Tgt Ion:128 Resp: 2387791
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 39.219 ng
RT: 9.557 min Scan# 1134
Delta R.T. 0.035 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:122 Resp: 498255
Ion Ratio Lower Upper
122 100
105 120.9 106.0 146.0
77 94.4 76.3 116.3

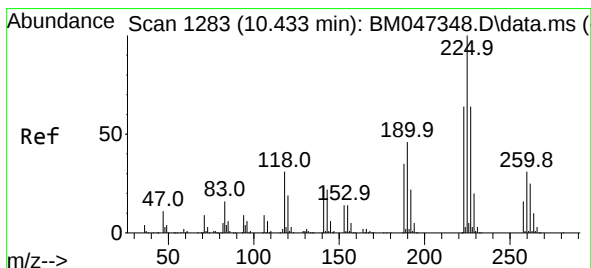
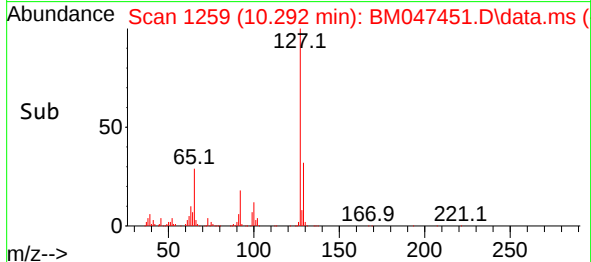
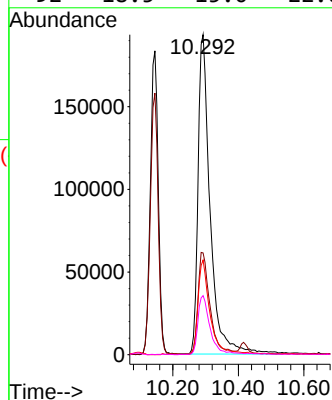
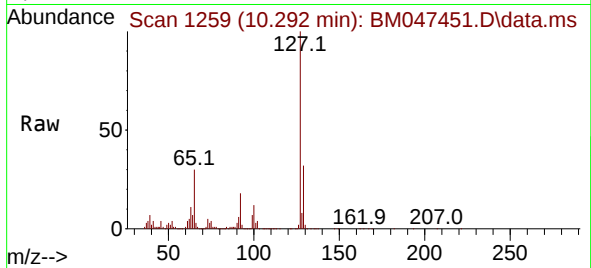




#33
4-Chloroaniline
Concen: 26.549 ng
RT: 10.292 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

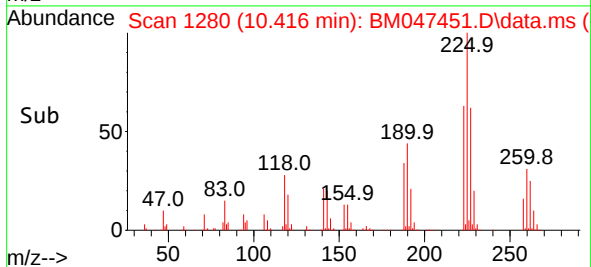
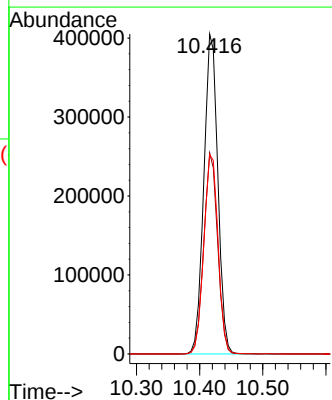
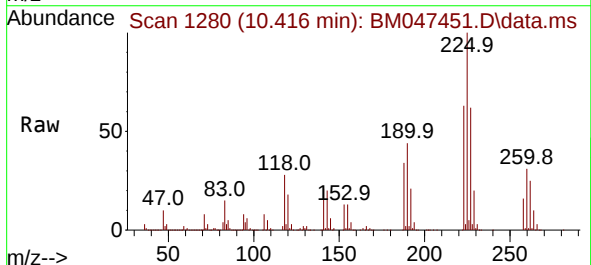
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

Tgt Ion:	127	Resp:	498440
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	29.5	24.2	36.2
92	18.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 52.438 ng
RT: 10.416 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:	225	Resp:	624285
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	62.3	51.0	76.6

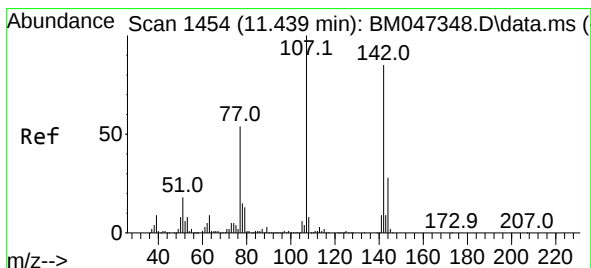
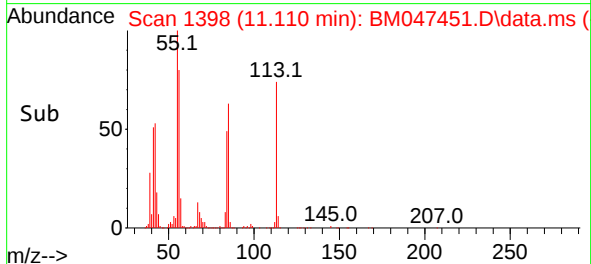
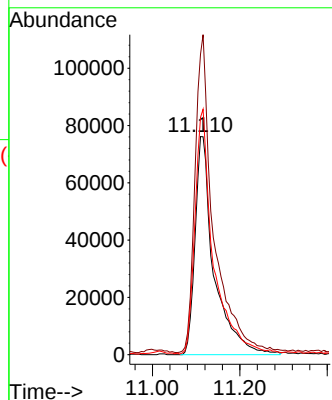
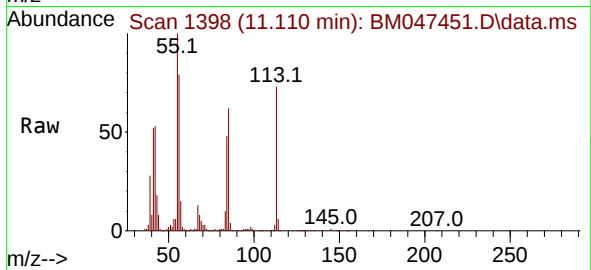




#35
Caprolactam
Concen: 42.871 ng
RT: 11.110 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

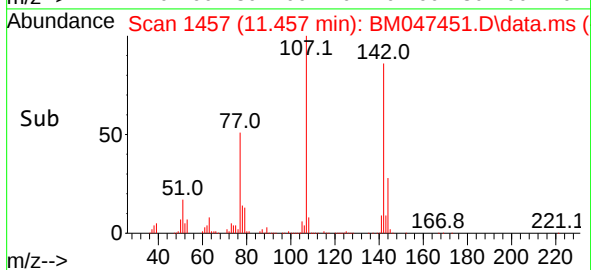
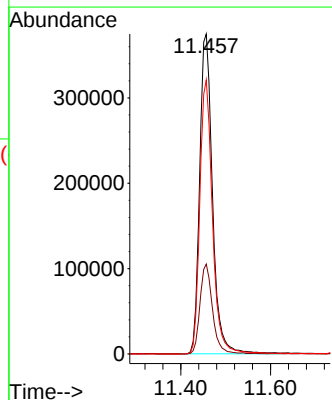
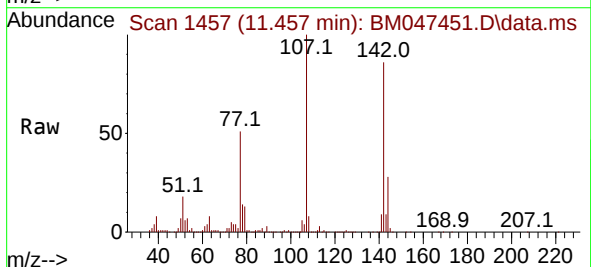
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

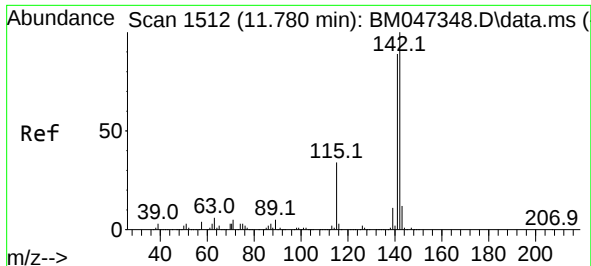
Tgt Ion:113 Resp: 229203
Ion Ratio Lower Upper
113 100
55 137.8 126.2 166.2
56 108.8 93.2 133.2



#36
4-Chloro-3-methylphenol
Concen: 44.375 ng
RT: 11.457 min Scan# 1457
Delta R.T. 0.018 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:107 Resp: 743730
Ion Ratio Lower Upper
107 100
144 28.1 22.2 33.4
142 85.6 67.7 101.5

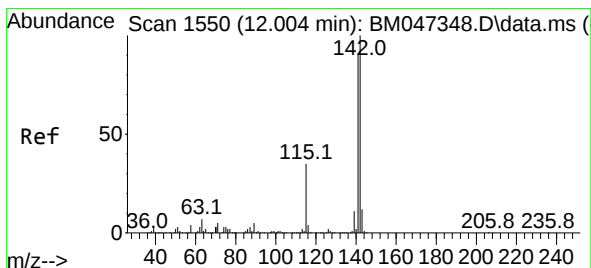
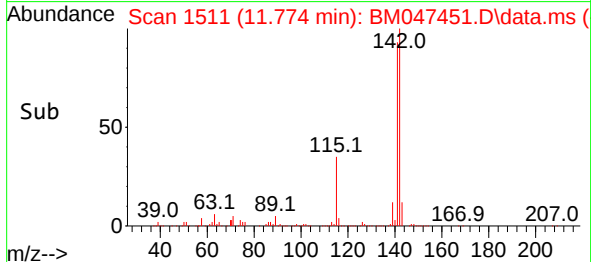
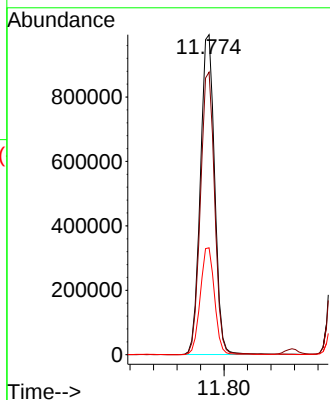
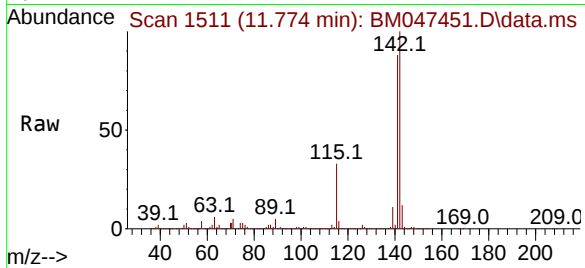




#37
2-Methylnaphthalene
Concen: 45.518 ng
RT: 11.774 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

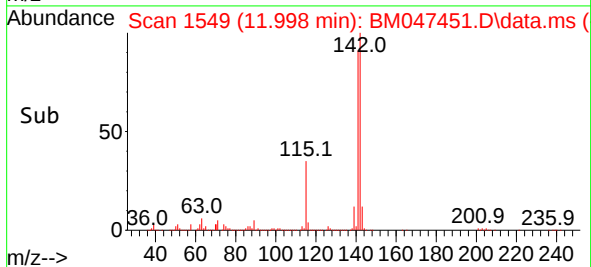
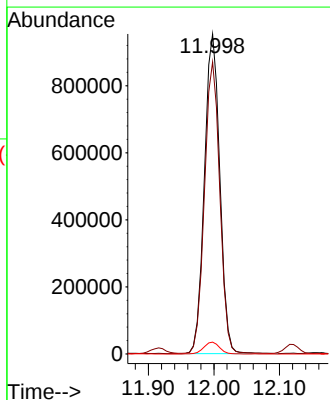
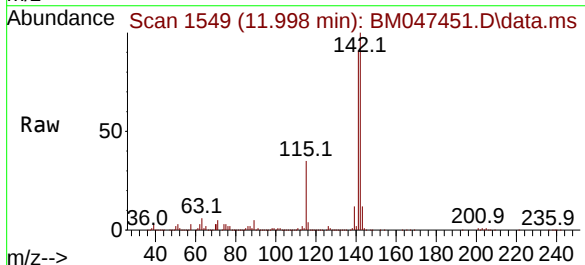
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

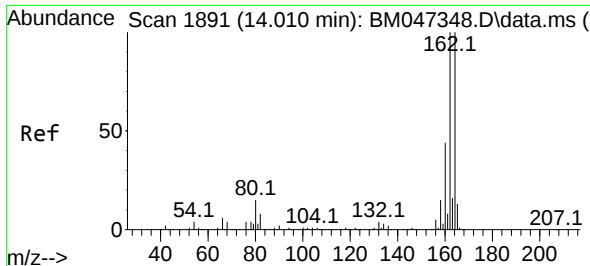
Tgt Ion:142 Resp: 1675766
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 33.4 27.5 41.3



#38
1-Methylnaphthalene
Concen: 42.781 ng
RT: 11.998 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:142 Resp: 1557721
Ion Ratio Lower Upper
142 100
141 91.2 72.9 109.3
116 3.7 3.0 4.6

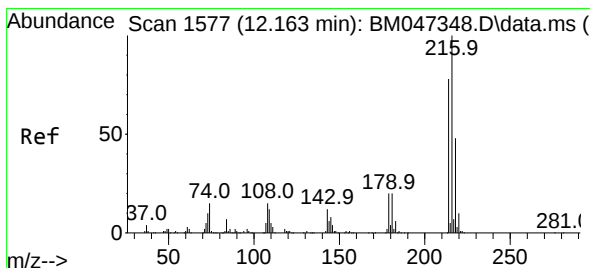
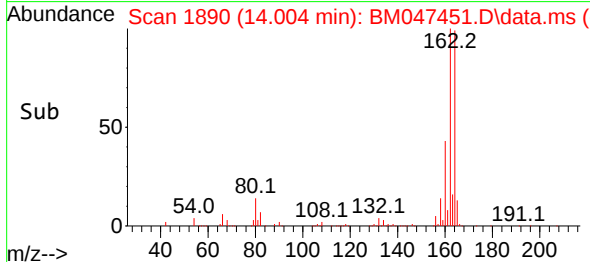
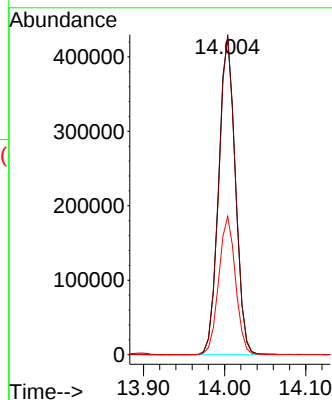
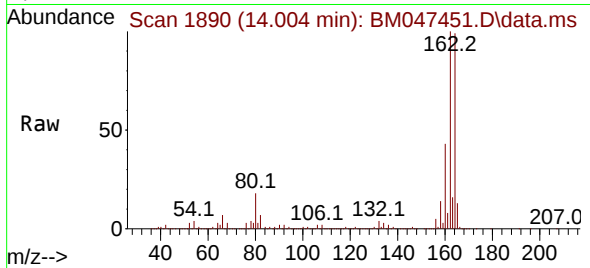




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

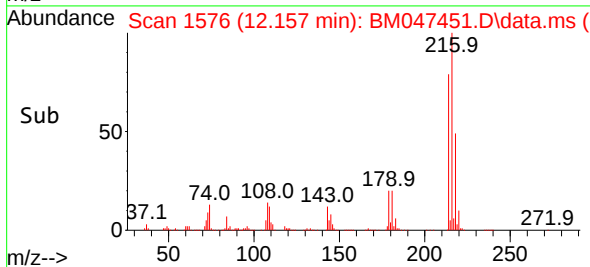
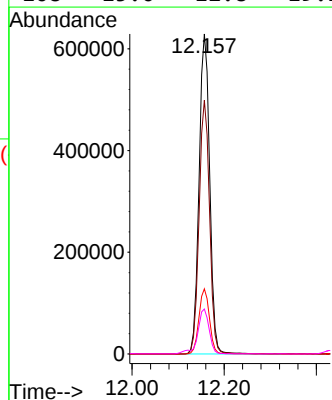
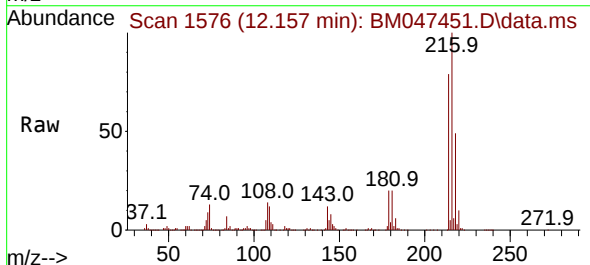
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

Tgt Ion:164 Resp: 611878
Ion Ratio Lower Upper
164 100
162 100.8 79.7 119.5
160 43.5 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.433 ng
RT: 12.157 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

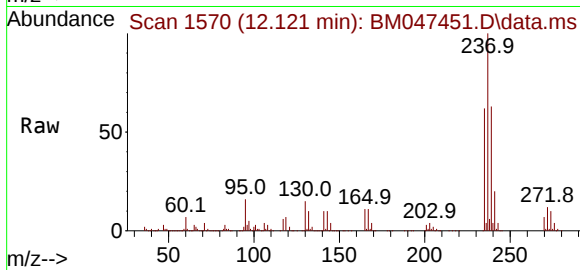
Tgt Ion:216 Resp: 1004378
Ion Ratio Lower Upper
216 100
214 78.4 62.6 94.0
179 20.2 16.6 24.8
108 15.0 12.8 19.2



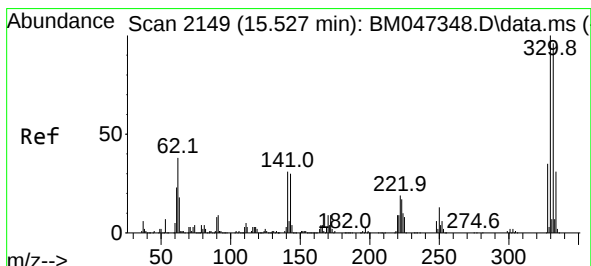
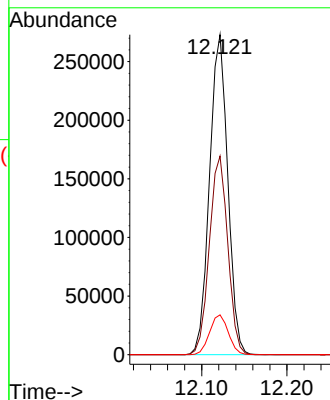
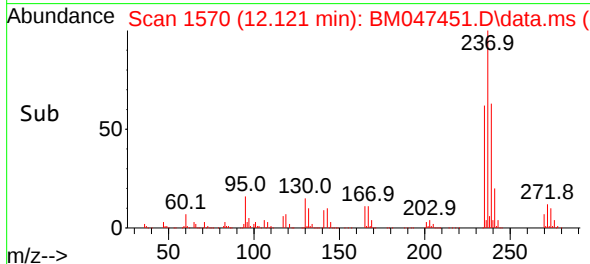


#41
Hexachlorocyclopentadiene
Concen: 70.800 ng
RT: 12.121 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

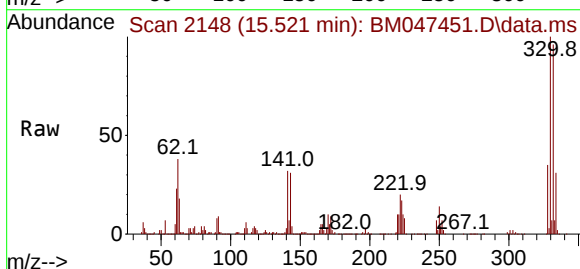
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD



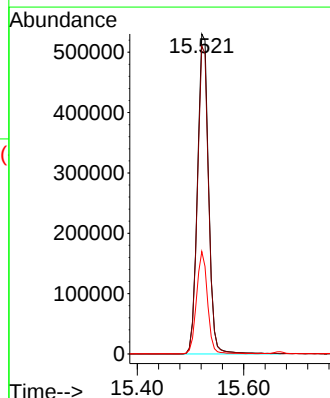
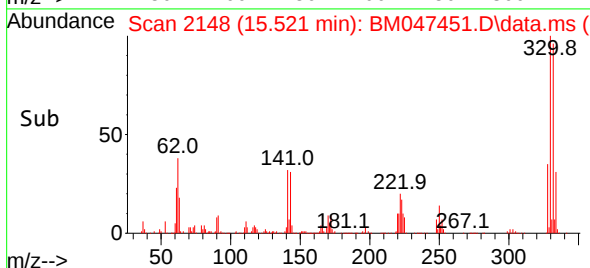
Tgt Ion:237 Resp: 404861
Ion Ratio Lower Upper
237 100
235 62.0 42.1 82.1
272 12.4 0.0 32.3

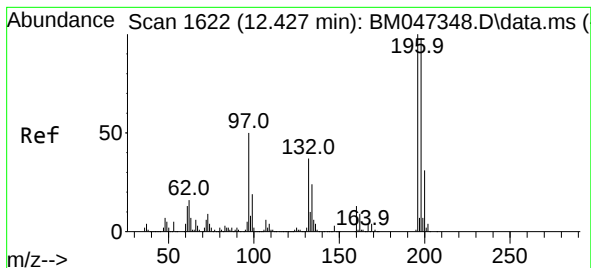


#42
2,4,6-Tribromophenol
Concen: 104.272 ng
RT: 15.521 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25



Tgt Ion:330 Resp: 769757
Ion Ratio Lower Upper
330 100
332 96.4 77.2 115.8
141 31.6 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 53.796 ng

RT: 12.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047451.D

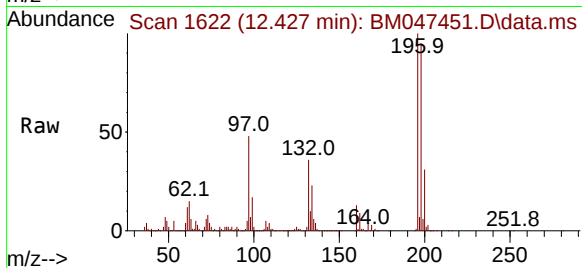
Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD



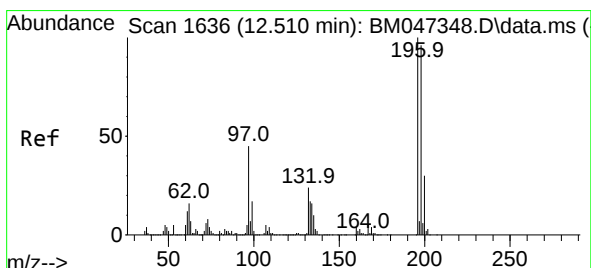
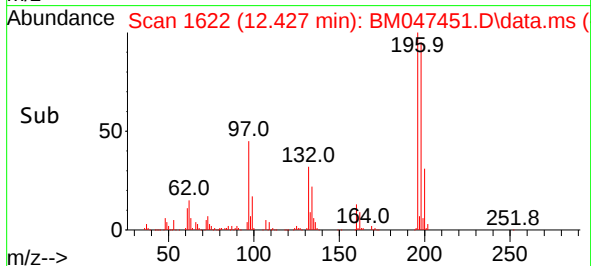
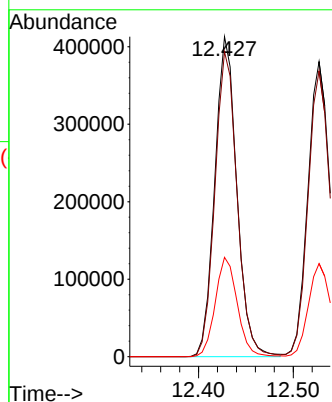
Tgt Ion:196 Resp: 668186

Ion Ratio Lower Upper

196 100

198 95.3 78.2 117.2

200 31.1 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 49.595 ng

RT: 12.527 min Scan# 1639

Delta R.T. 0.018 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Tgt Ion:196 Resp: 684120

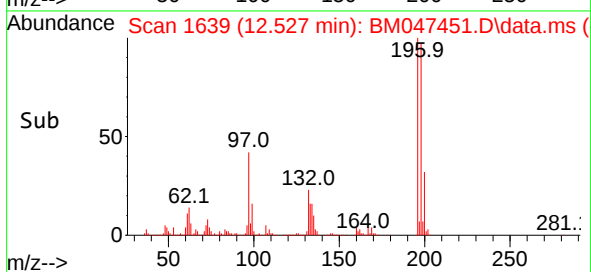
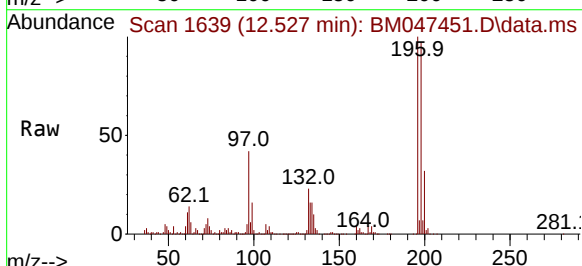
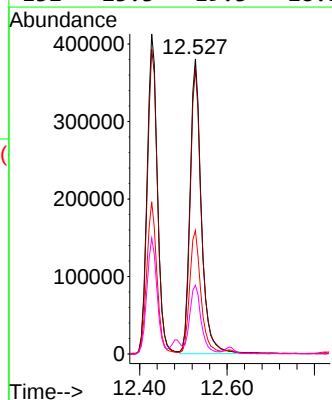
Ion Ratio Lower Upper

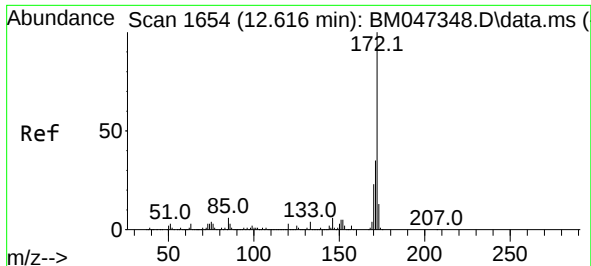
196 100

198 96.8 76.6 115.0

97 41.8 35.9 53.9

132 23.3 19.3 28.9

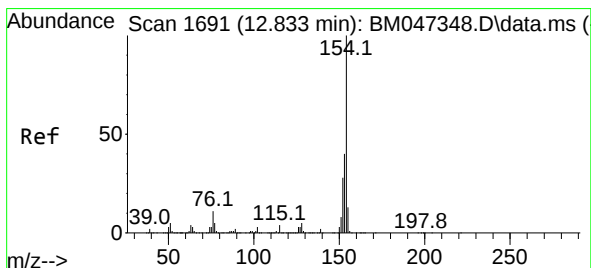
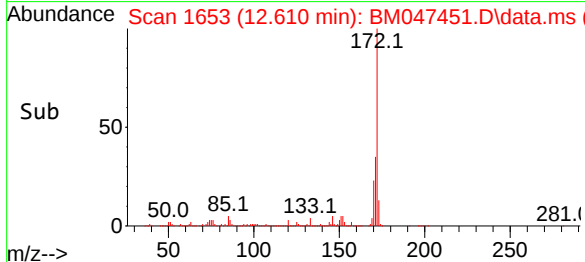
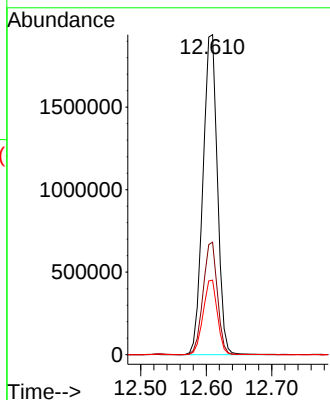
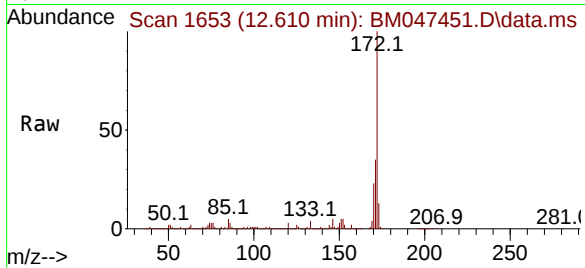




#45
2-Fluorobiphenyl
Concen: 74.854 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

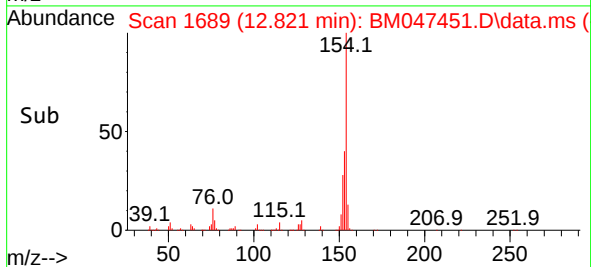
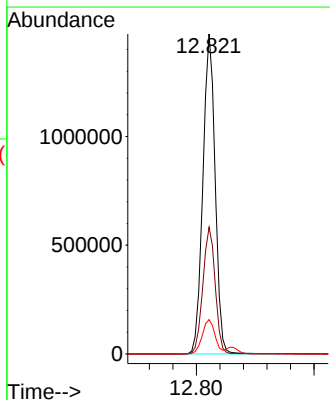
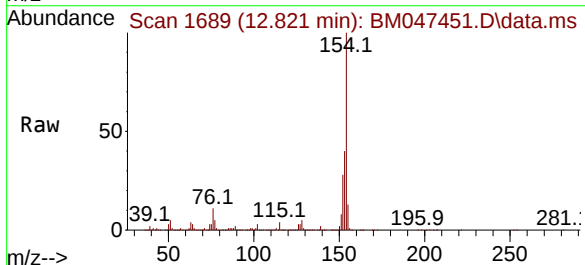
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

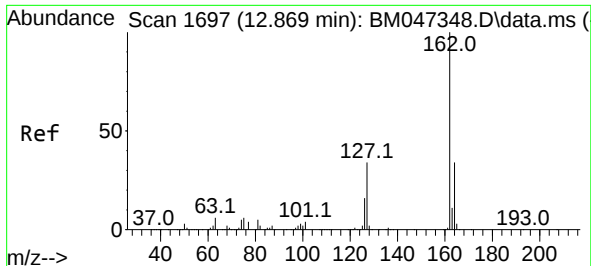
Tgt Ion:172 Resp: 2980911
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 50.064 ng
RT: 12.821 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:154 Resp: 2138949
Ion Ratio Lower Upper
154 100
153 39.6 20.1 60.1
76 10.7 0.0 31.2

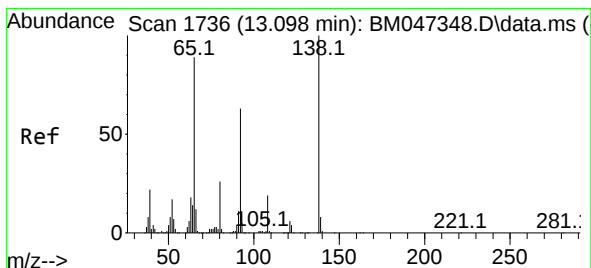
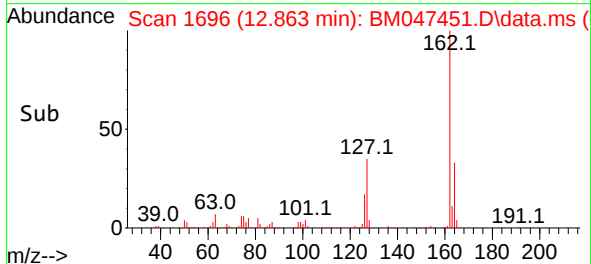
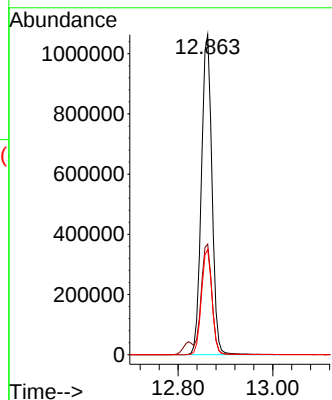
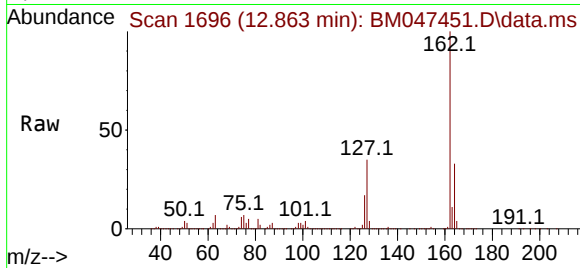




#47
2-Chloronaphthalene
Concen: 49.155 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

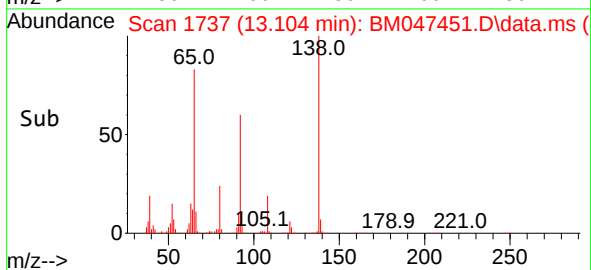
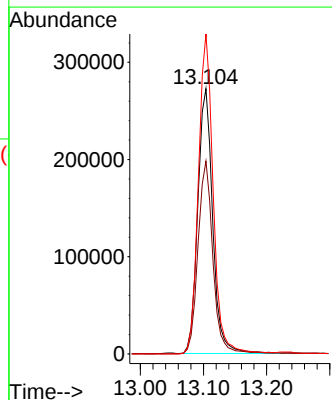
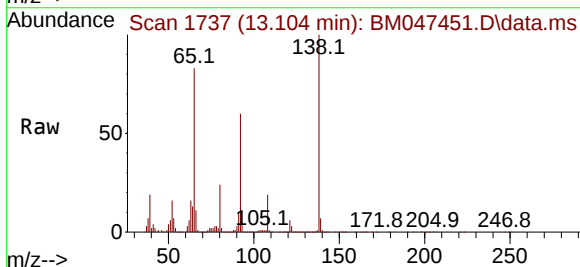
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

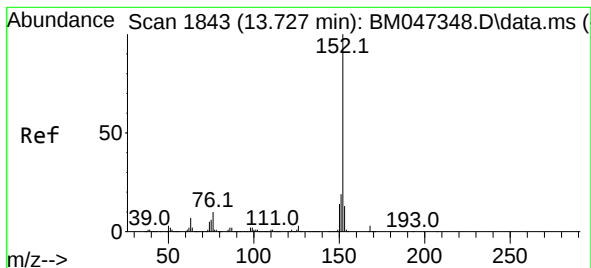
Tgt Ion:162 Resp: 1645781
Ion Ratio Lower Upper
162 100
127 34.6 28.3 42.5
164 32.8 27.0 40.4



#48
2-Nitroaniline
Concen: 47.795 ng
RT: 13.104 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion: 65 Resp: 448252
Ion Ratio Lower Upper
65 100
92 72.7 57.0 85.6
138 120.6 90.0 135.0





#49

Acenaphthylene

Concen: 51.306 ng

RT: 13.721 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

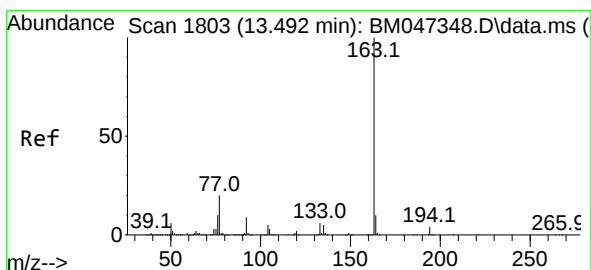
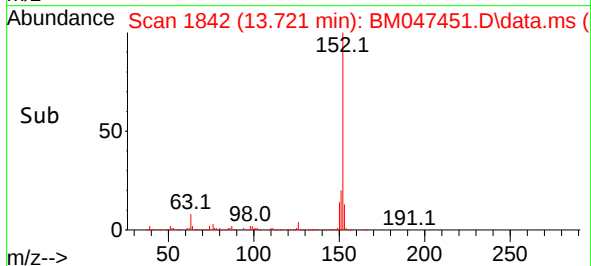
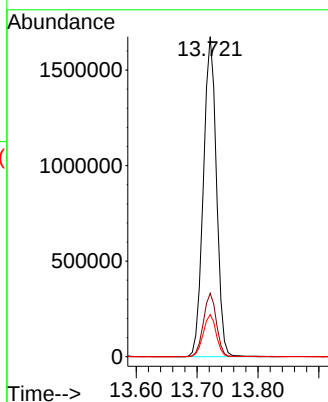
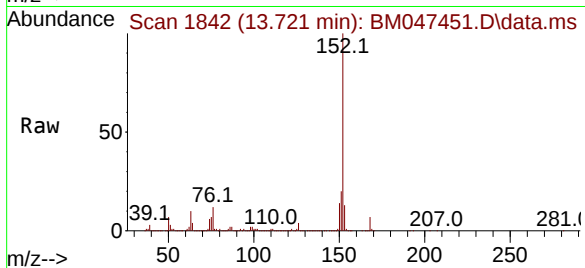
Tgt Ion:152 Resp: 2496629

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.0

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 49.609 ng

RT: 13.480 min Scan# 1801

Delta R.T. -0.012 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

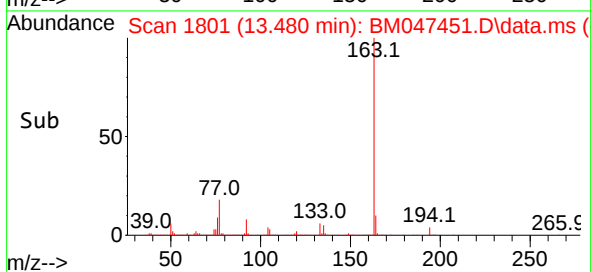
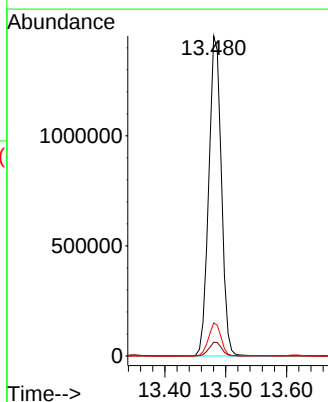
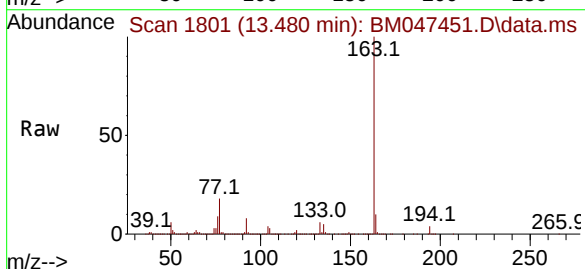
Tgt Ion:163 Resp: 2091555

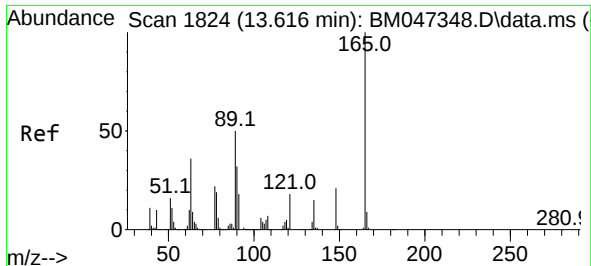
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.3 8.2 12.4

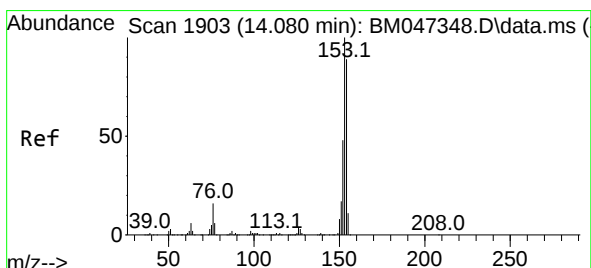
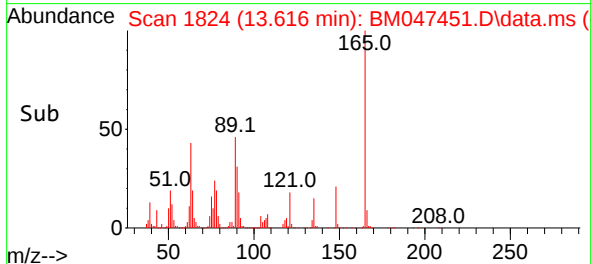
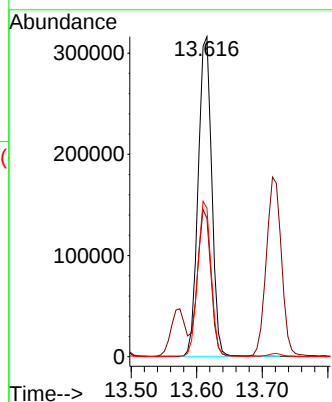
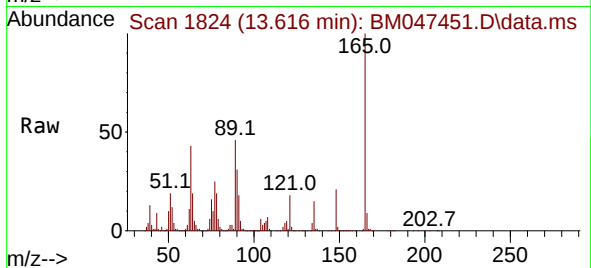




#51
2,6-Dinitrotoluene
Concen: 46.356 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

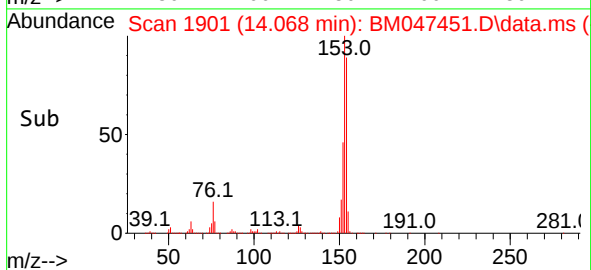
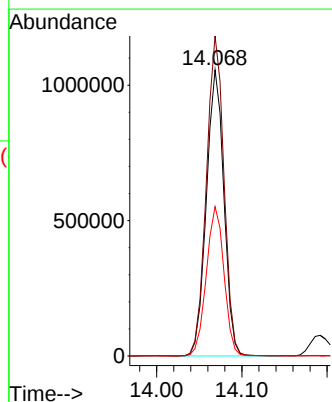
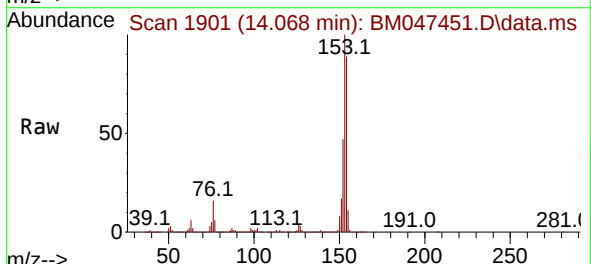
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

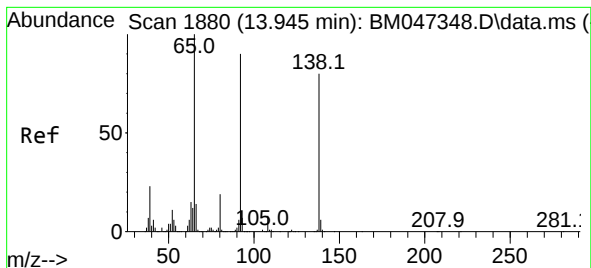
Tgt Ion:165 Resp: 455045
Ion Ratio Lower Upper
165 100
63 43.2 38.2 57.4
89 46.4 40.4 60.6



#52
Acenaphthene
Concen: 48.880 ng
RT: 14.068 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:154 Resp: 1509947
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 52.2 43.0 64.4

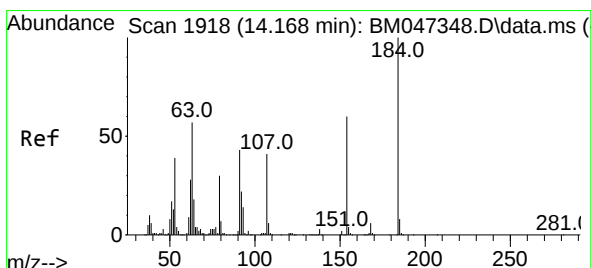
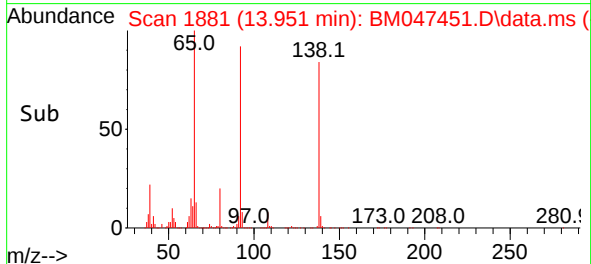
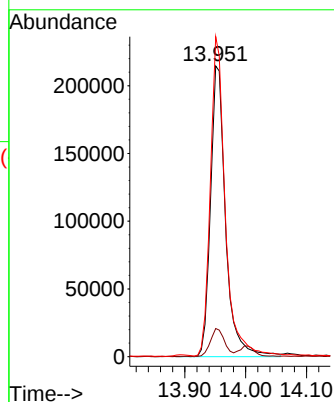
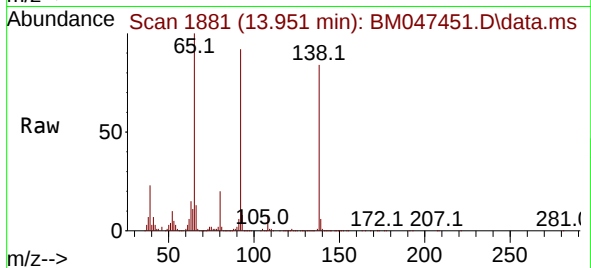




#53
3-Nitroaniline
Concen: 40.776 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

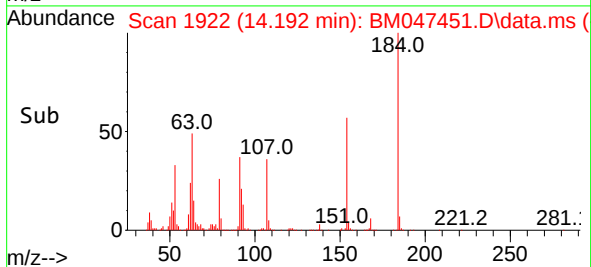
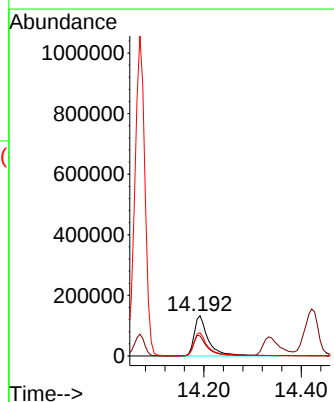
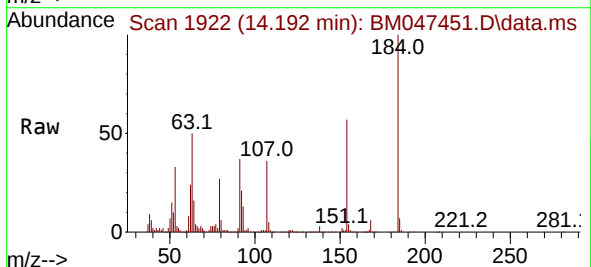
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

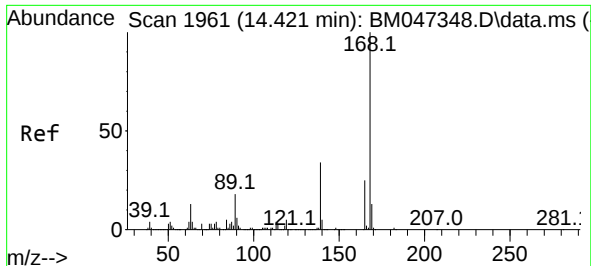
Tgt Ion:138 Resp: 369350
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 110.0 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 44.560 ng
RT: 14.192 min Scan# 1922
Delta R.T. 0.024 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:184 Resp: 269375
Ion Ratio Lower Upper
184 100
63 49.8 45.7 68.5
154 57.4 48.5 72.7





#55

Dibenzenofuran

Concen: 48.087 ng

RT: 14.410 min Scan# 1959

Delta R.T. -0.012 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

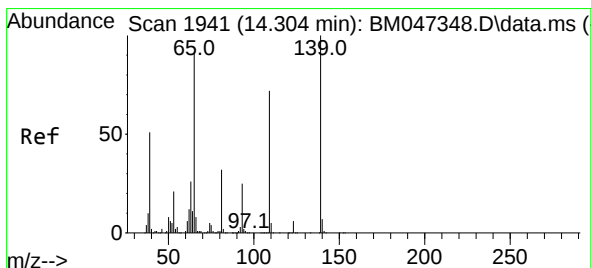
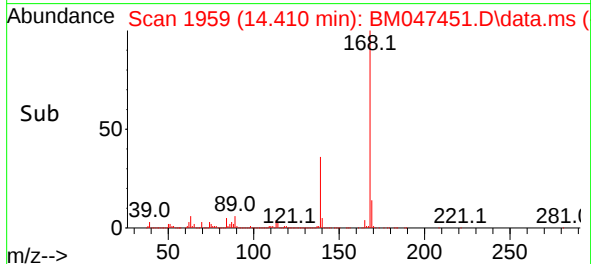
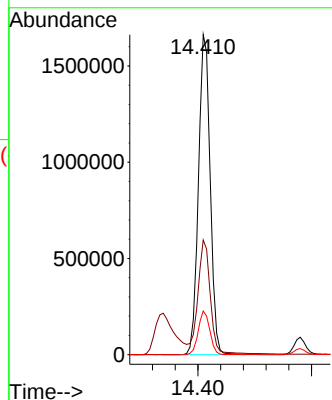
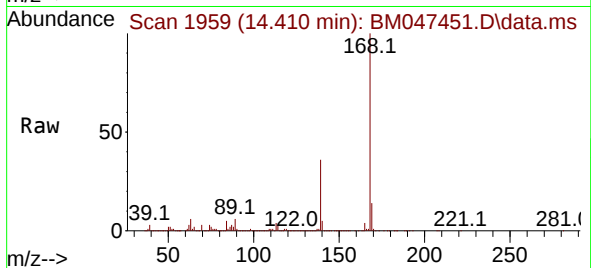
Tgt Ion:168 Resp: 2392629

Ion Ratio Lower Upper

168 100

139 35.8 27.5 41.3

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 72.170 ng

RT: 14.339 min Scan# 1947

Delta R.T. 0.035 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

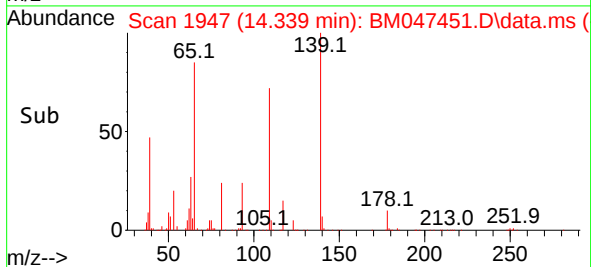
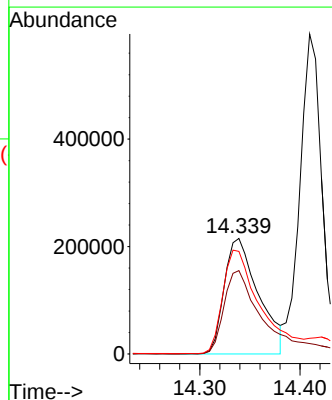
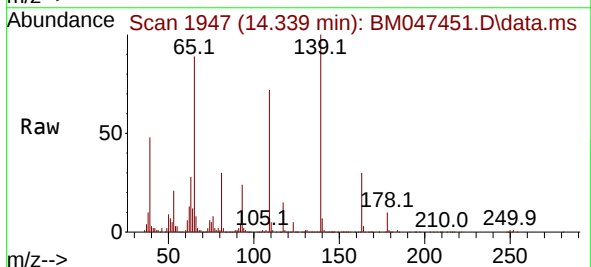
Tgt Ion:139 Resp: 510999

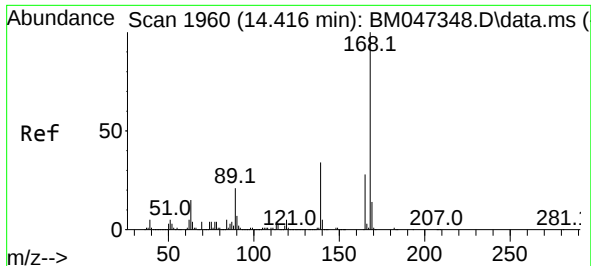
Ion Ratio Lower Upper

139 100

109 72.2 51.6 91.6

65 88.8 71.7 111.7





#57

2,4-Dinitrotoluene

Concen: 44.031 ng

RT: 14.427 min Scan# 1960

Delta R.T. 0.012 min

Lab File: BM047451.D

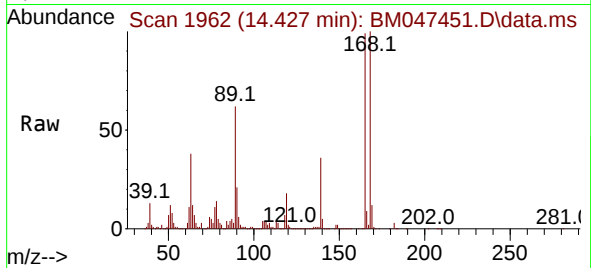
Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD



Tgt Ion:165 Resp: 559517

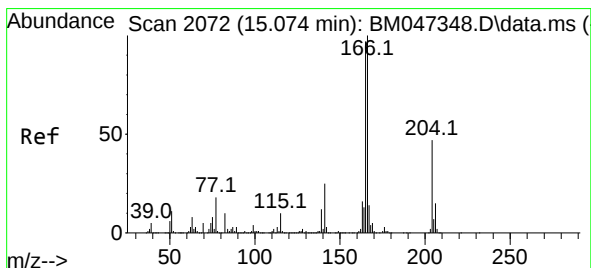
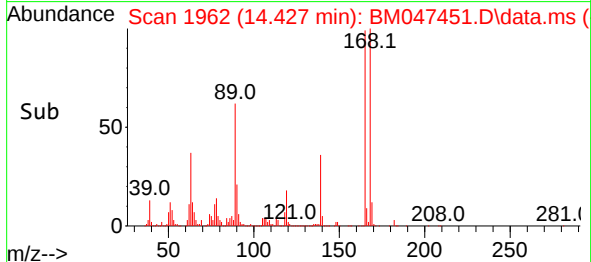
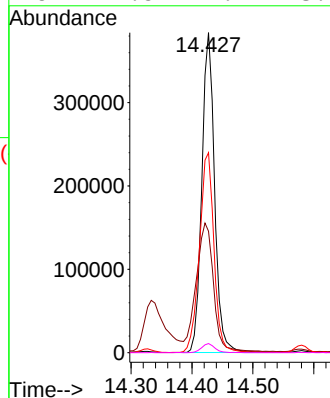
Ion Ratio Lower Upper

165 100

63 38.0 42.2 63.4#

89 62.5 59.3 88.9

182 2.8 2.1 3.1



#58

Fluorene

Concen: 44.931 ng

RT: 15.068 min Scan# 2071

Delta R.T. -0.006 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

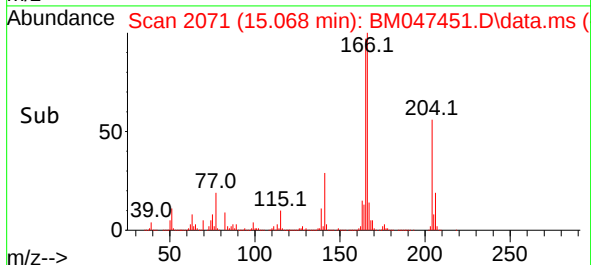
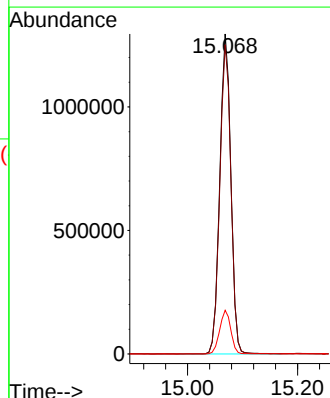
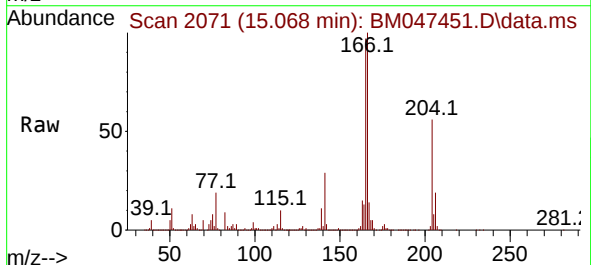
Tgt Ion:166 Resp: 1809311

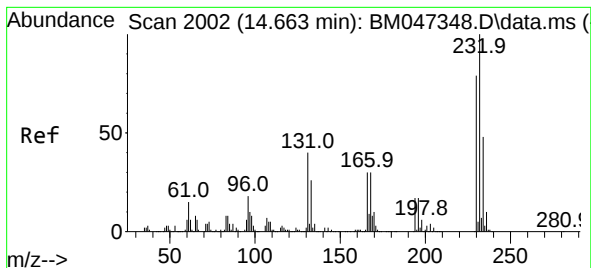
Ion Ratio Lower Upper

166 100

165 96.6 77.8 116.6

167 13.7 11.1 16.7

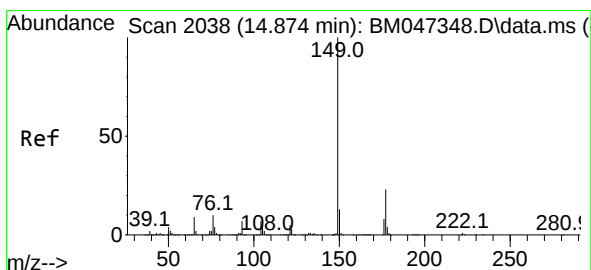
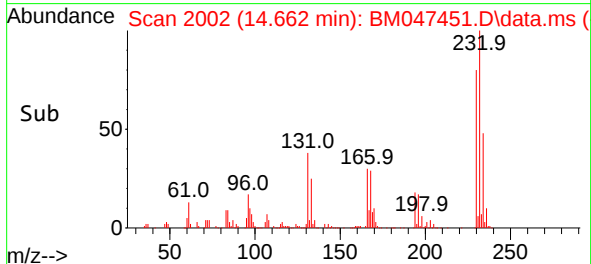
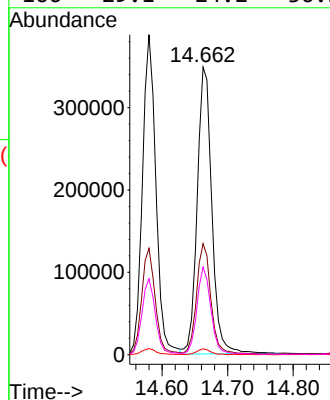
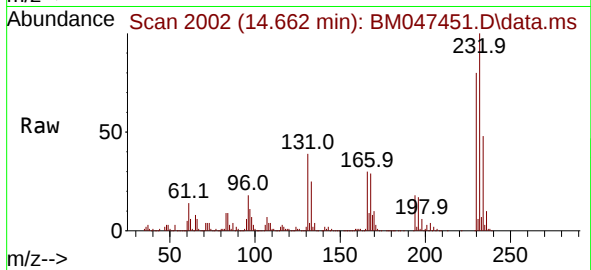




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.836 ng
RT: 14.662 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

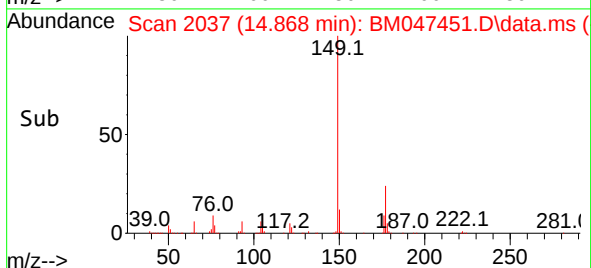
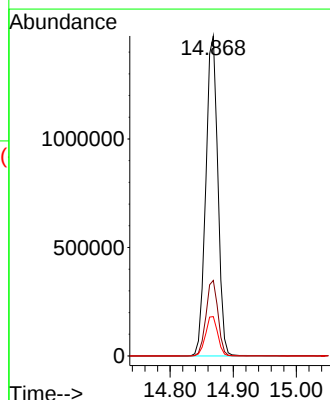
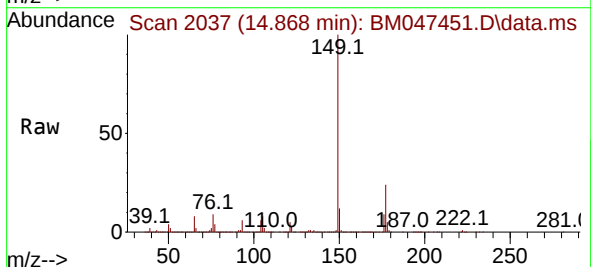
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

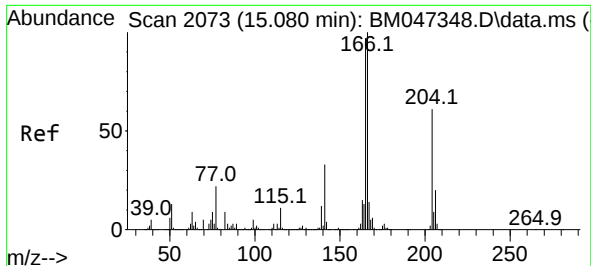
Tgt Ion:232	Resp: 541981
Ion Ratio	Lower Upper
232	100
131	37.8 31.7 47.5
130	2.1 1.7 2.5
166	29.1 24.2 36.2



#60
Diethylphthalate
Concen: 46.784 ng
RT: 14.868 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:149	Resp: 1945681
Ion Ratio	Lower Upper
149	100
177	23.6 18.6 28.0
150	12.3 10.2 15.4

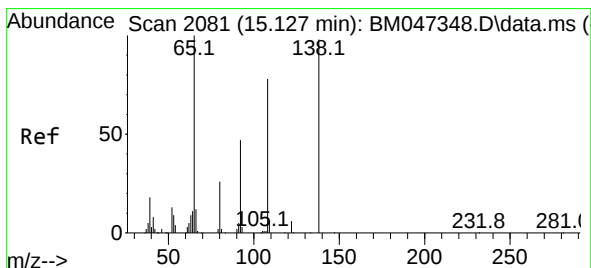
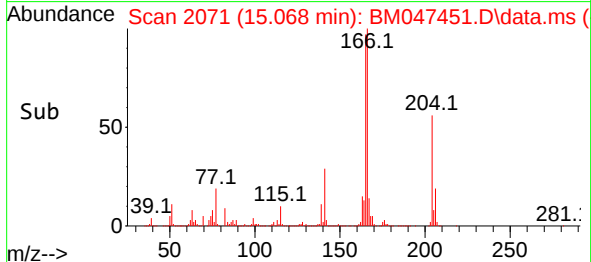
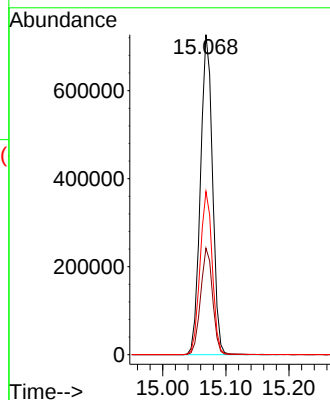
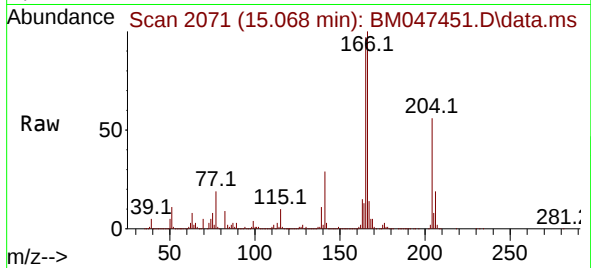




#61
4-Chlorophenyl-phenylether
Concen: 47.202 ng
RT: 15.068 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

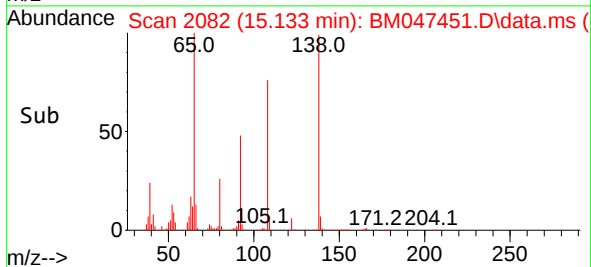
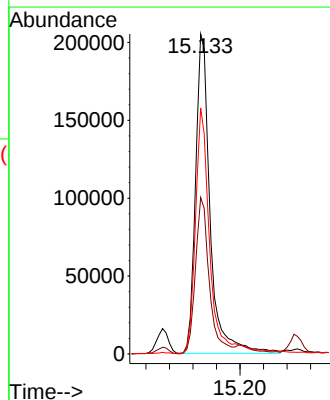
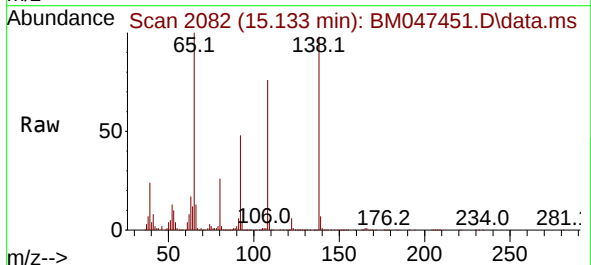
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

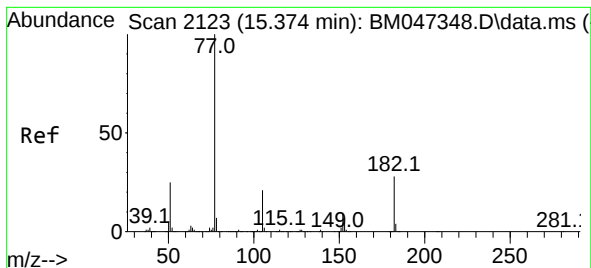
Tgt Ion:204 Resp: 966937
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 51.0 42.8 64.2



#62
4-Nitroaniline
Concen: 42.081 ng
RT: 15.133 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:138 Resp: 352605
Ion Ratio Lower Upper
138 100
92 48.9 27.9 67.9
108 76.9 58.7 98.7





#63

Azobenzene

Concen: 48.599 ng

RT: 15.368 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

Tgt Ion: 77 Resp: 1760048

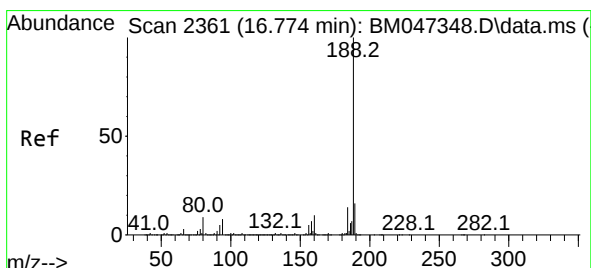
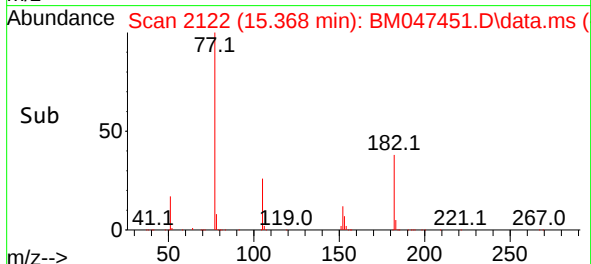
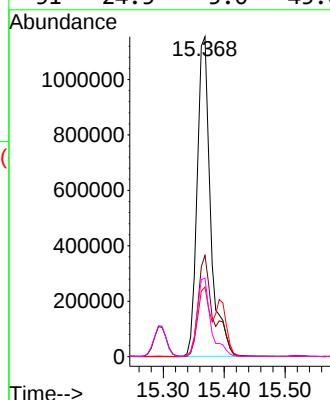
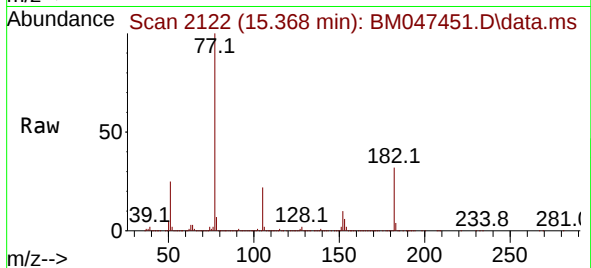
Ion Ratio Lower Upper

77 100

182 31.6 7.9 47.9

105 21.8 0.6 40.6

51 24.5 5.0 45.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 2361

Delta R.T. -0.000 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

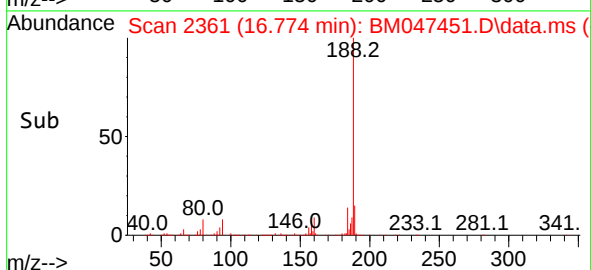
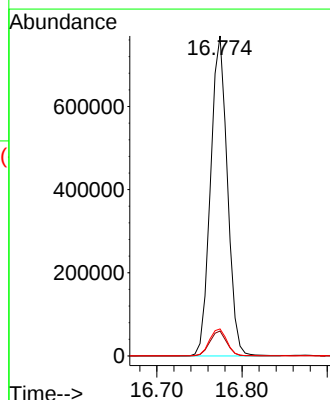
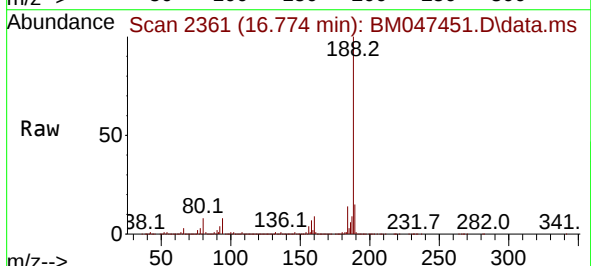
Tgt Ion:188 Resp: 1056032

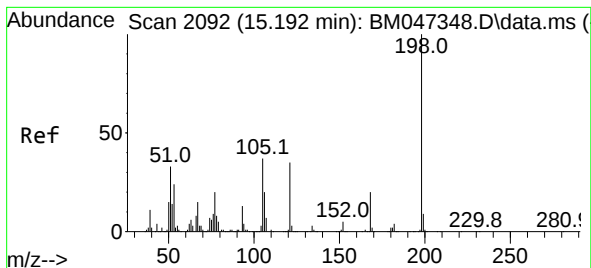
Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.5 7.4 11.2

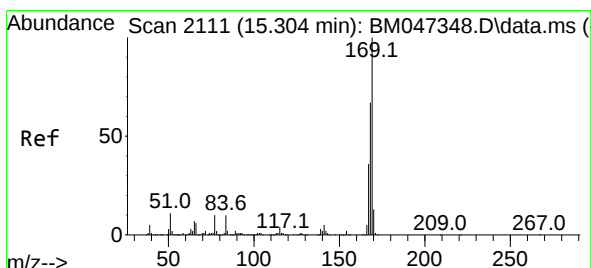
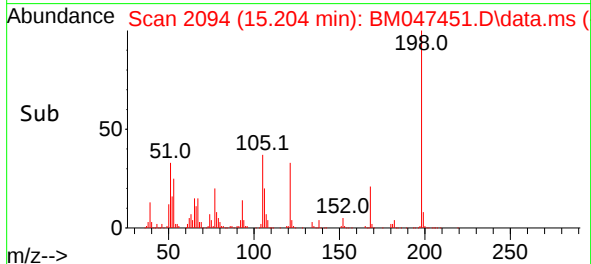
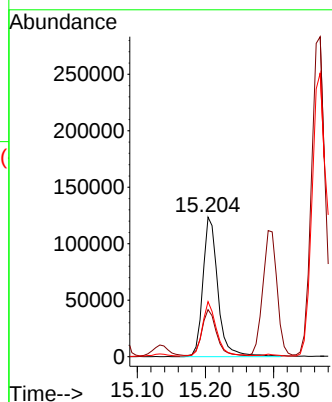
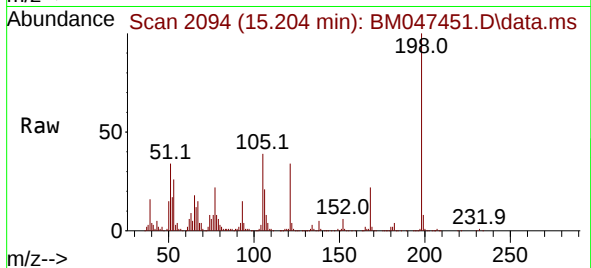




#65
4,6-Dinitro-2-methylphenol
Concen: 29.205 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

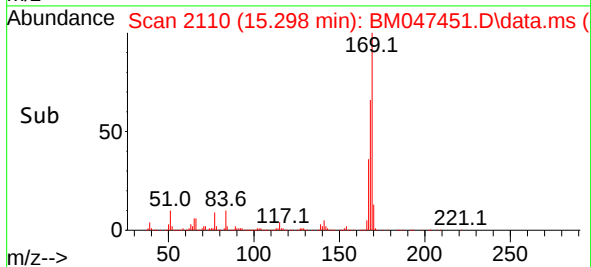
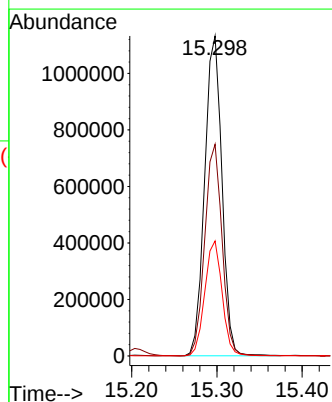
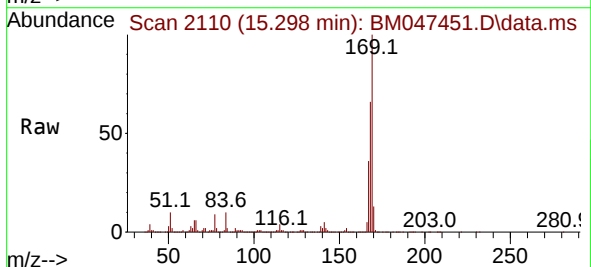
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

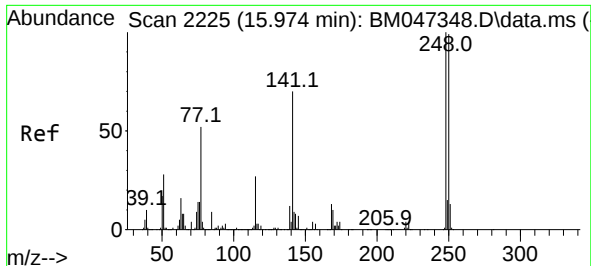
Tgt Ion:198 Resp: 189292
Ion Ratio Lower Upper
198 100
51 33.7 14.1 54.1
105 39.4 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 55.088 ng
RT: 15.298 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:169 Resp: 1591811
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 36.0 29.0 43.4

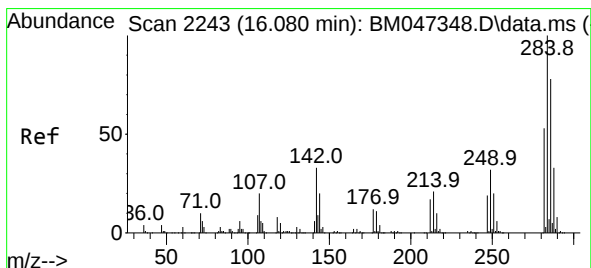
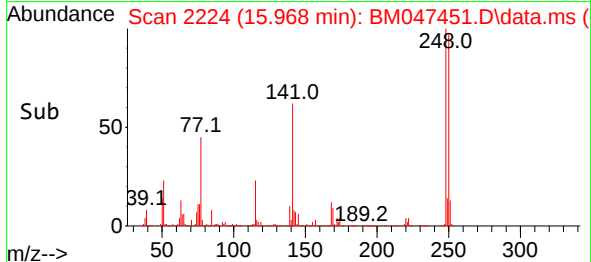
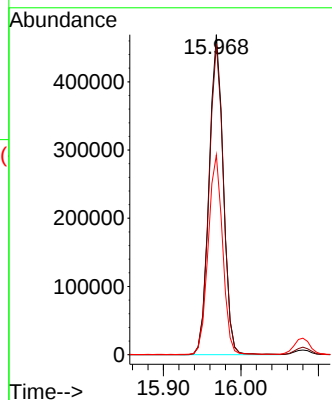
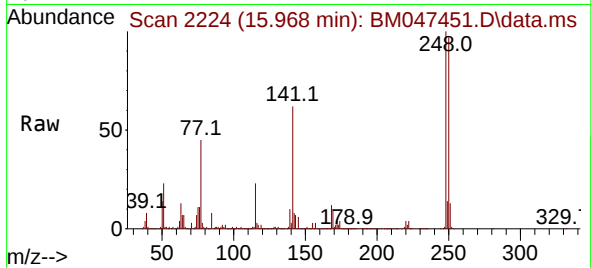




#67
4-Bromophenyl-phenylether
Concen: 53.779 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

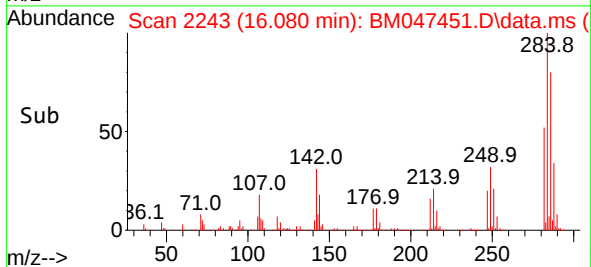
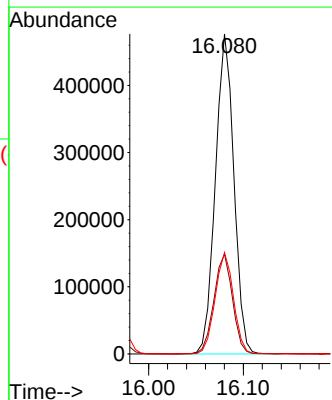
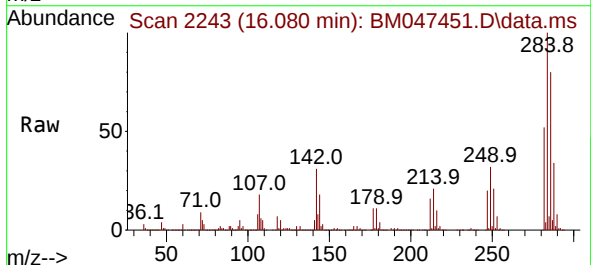
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

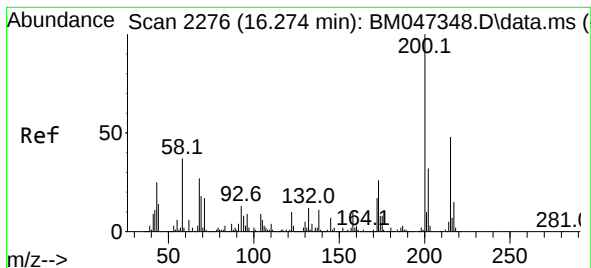
Tgt Ion:248 Resp: 599140
Ion Ratio Lower Upper
248 100
250 97.1 78.8 118.2
141 62.4 55.9 83.9



#68
Hexachlorobenzene
Concen: 50.365 ng
RT: 16.080 min Scan# 2243
Delta R.T. -0.000 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:284 Resp: 648064
Ion Ratio Lower Upper
284 100
142 31.2 26.5 39.7
249 31.7 25.5 38.3





#69

Atrazine

Concen: 59.764 ng

RT: 16.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

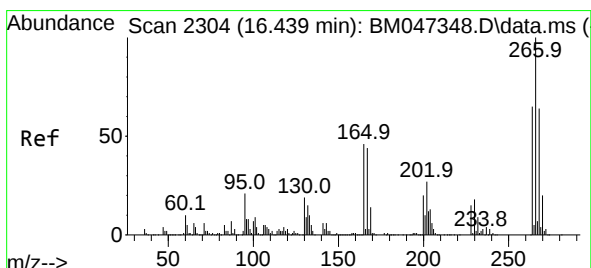
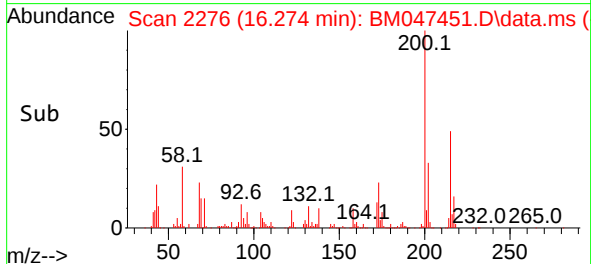
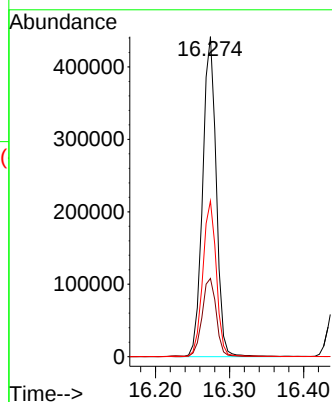
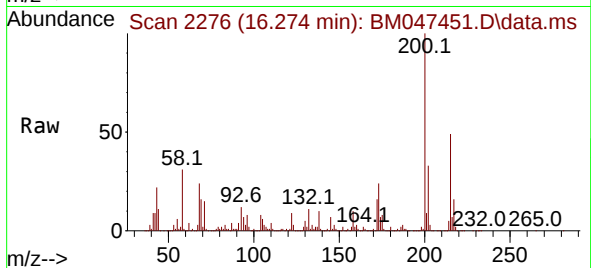
Tgt Ion:200 Resp: 564477

Ion Ratio Lower Upper

200 100

173 24.4 5.8 45.8

215 48.7 28.3 68.3



#70

Pentachlorophenol

Concen: 91.545 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

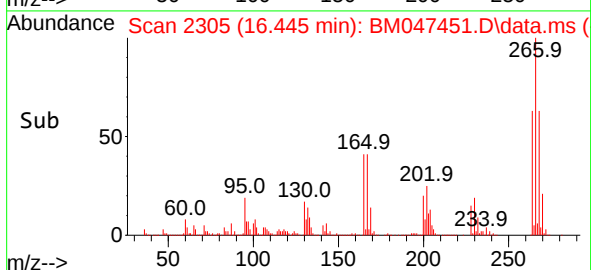
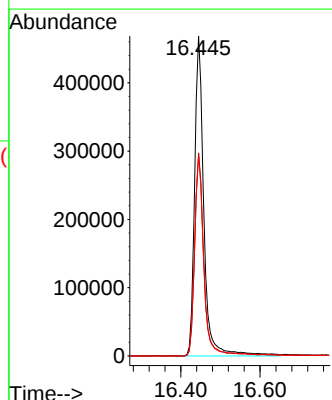
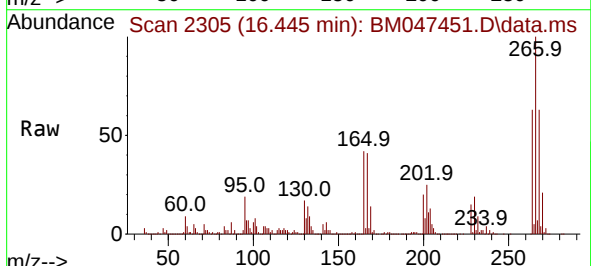
Tgt Ion:266 Resp: 761570

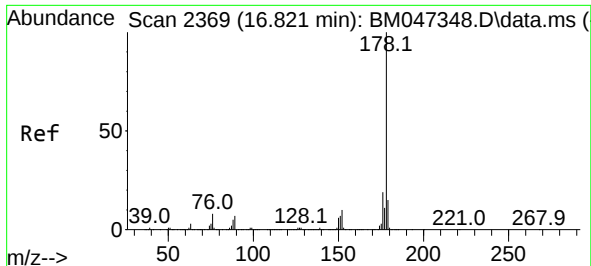
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 62.9 51.9 77.9

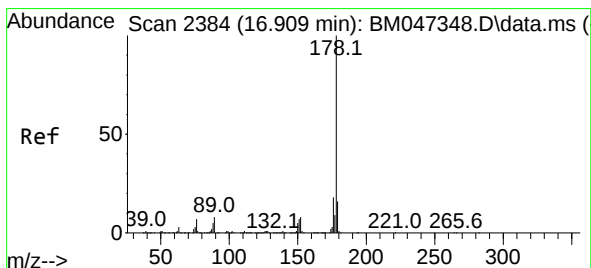
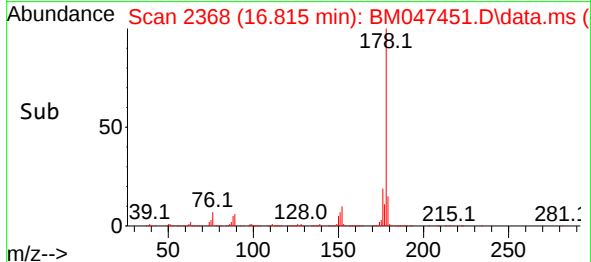
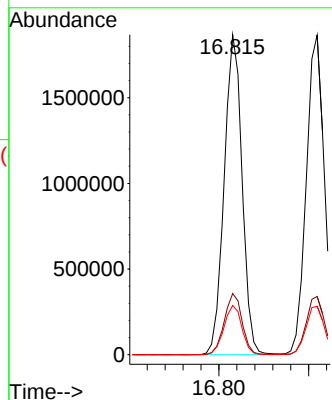
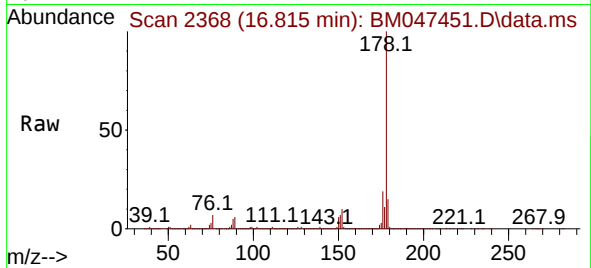




#71
Phenanthrene
Concen: 50.399 ng
RT: 16.815 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

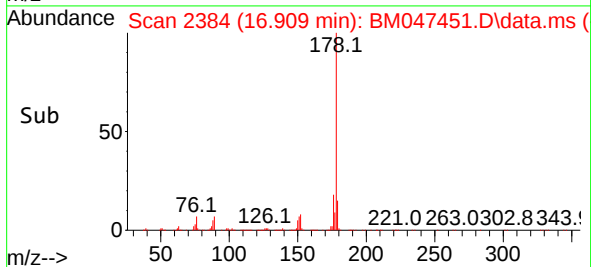
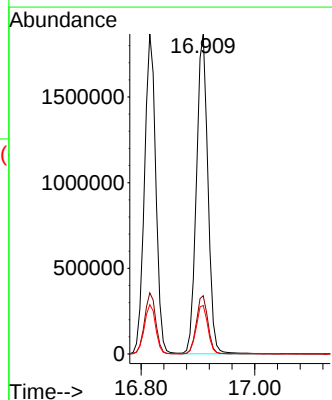
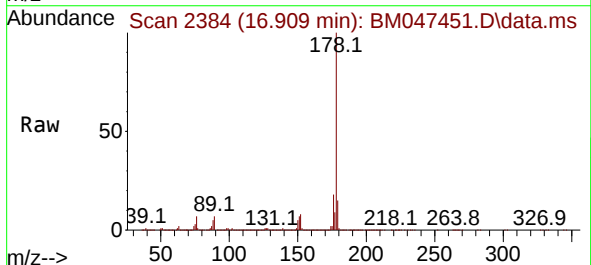
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

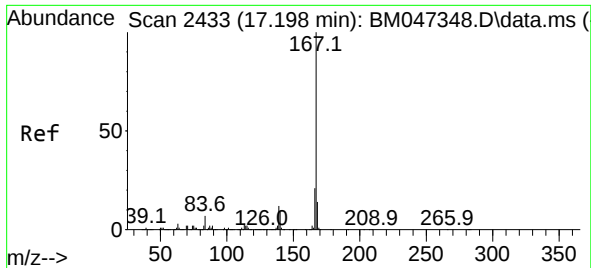
Tgt Ion:178 Resp: 2584745
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.4 12.2 18.4



#72
Anthracene
Concen: 52.504 ng
RT: 16.909 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:178 Resp: 2624927
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.2 12.6 18.8

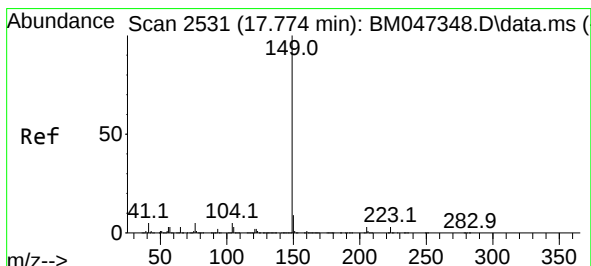
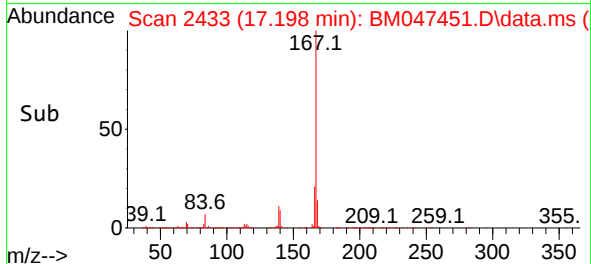
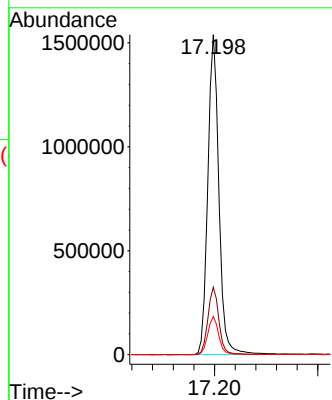
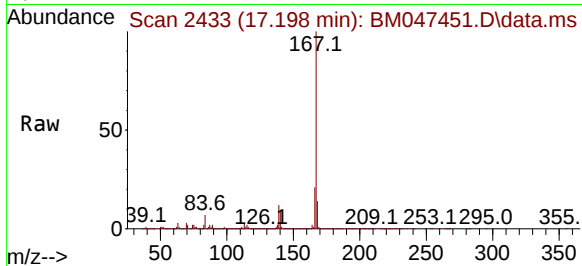




#73
 Carbazole
 Concen: 47.668 ng
 RT: 17.198 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BM047451.D
 Acq: 05 Sep 2024 17:25

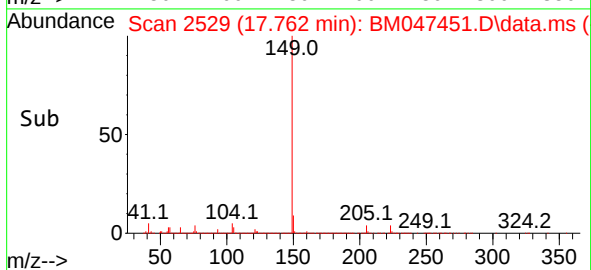
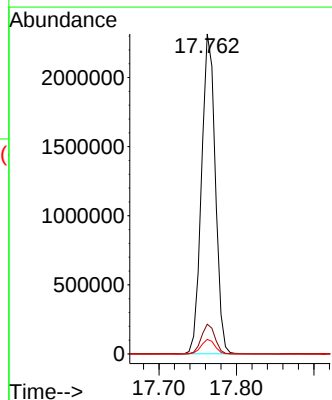
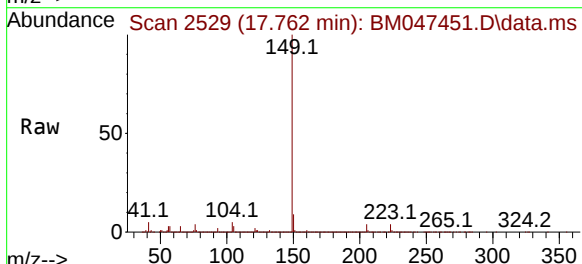
Instrument :
 BNA_M
 ClientSampleId :
 DN-B-38(B-8)MSD

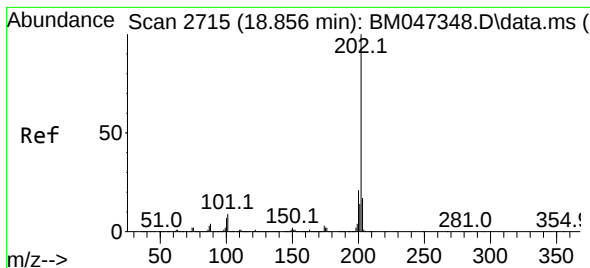
Tgt Ion:167 Resp: 2286881
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 11.9 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 48.908 ng
 RT: 17.762 min Scan# 2529
 Delta R.T. -0.012 min
 Lab File: BM047451.D
 Acq: 05 Sep 2024 17:25

Tgt Ion:149 Resp: 2857182
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 46.699 ng

RT: 18.856 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

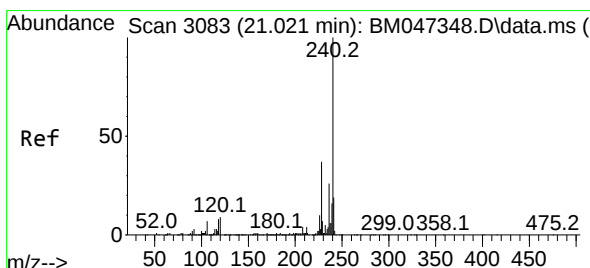
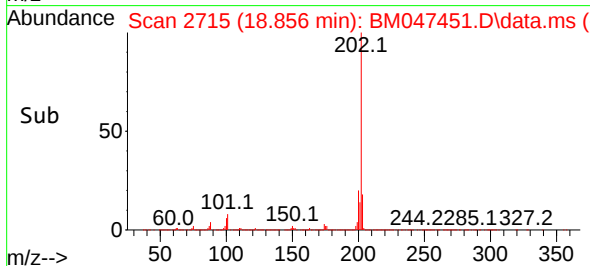
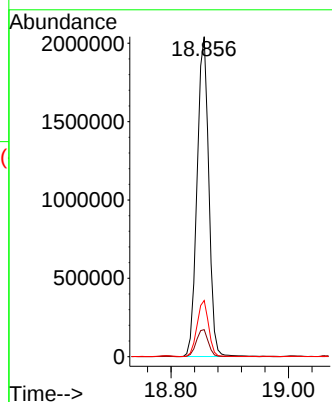
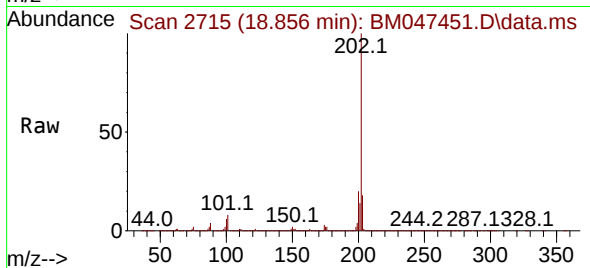
Tgt Ion:202 Resp: 2812138

Ion Ratio Lower Upper

202 100

101 8.5 0.0 29.0

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

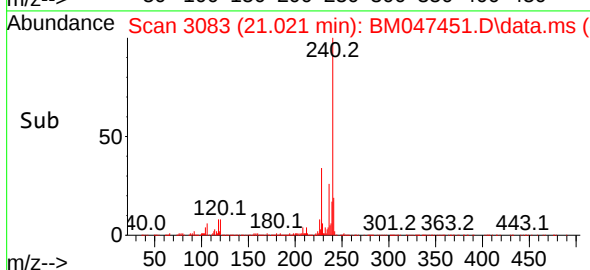
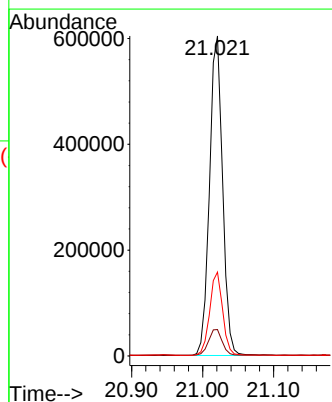
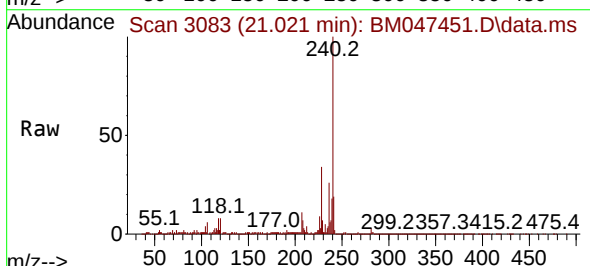
Tgt Ion:240 Resp: 775576

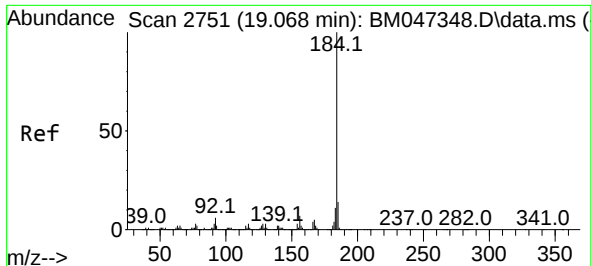
Ion Ratio Lower Upper

240 100

120 8.3 7.4 11.0

236 26.2 20.8 31.2

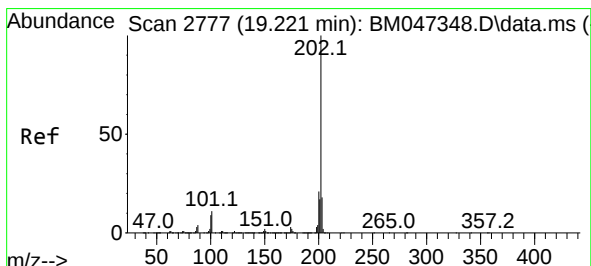
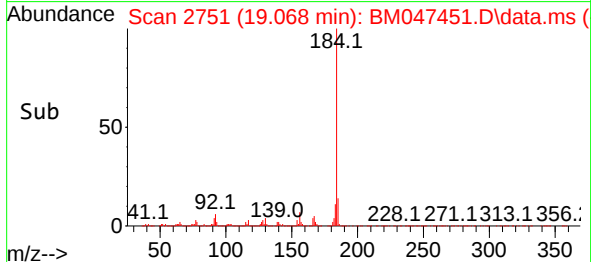
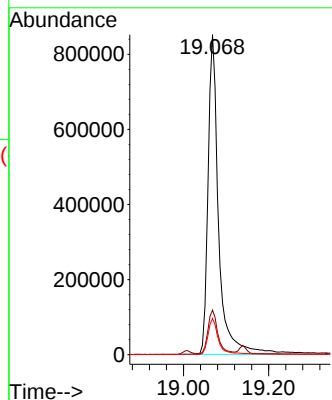
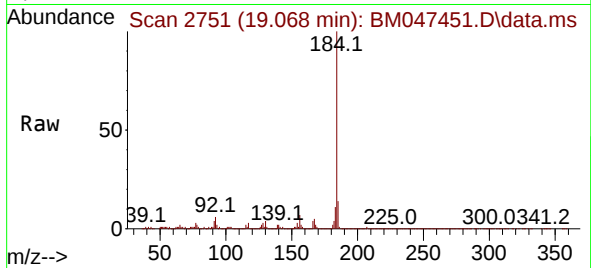




#77
Benzidine
Concen: 113.411 ng
RT: 19.068 min Scan# 2751
Delta R.T. 0.000 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

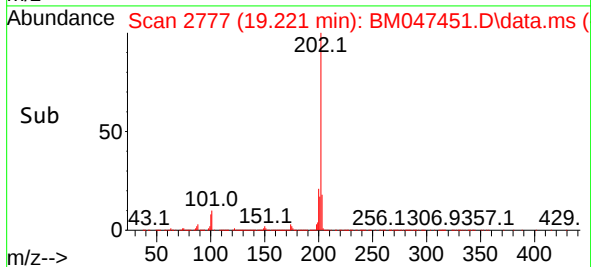
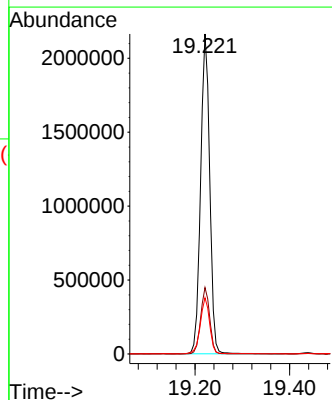
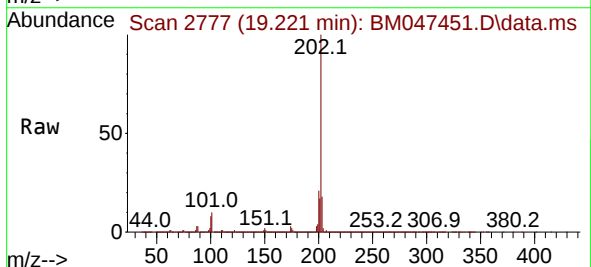
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)MSD

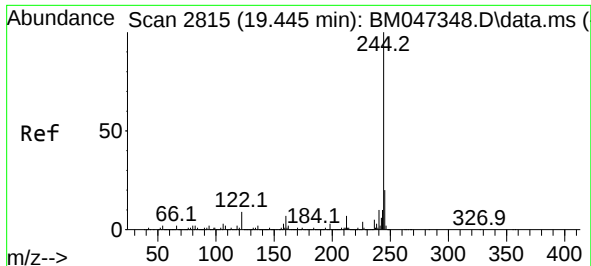
Tgt Ion:184 Resp: 1468239
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.3 9.2 13.8



#78
Pyrene
Concen: 48.609 ng
RT: 19.221 min Scan# 2777
Delta R.T. -0.000 min
Lab File: BM047451.D
Acq: 05 Sep 2024 17:25

Tgt Ion:202 Resp: 2891473
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.6 14.2 21.4

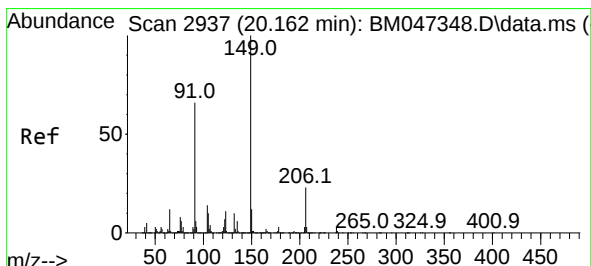
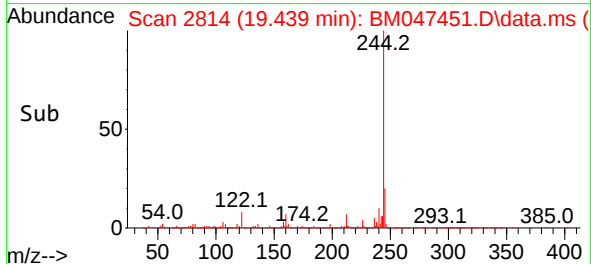
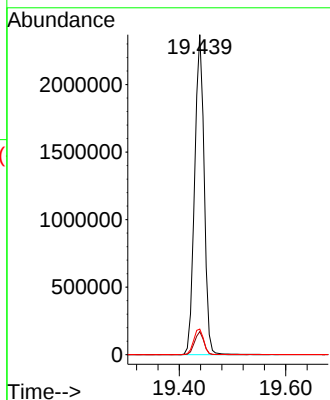
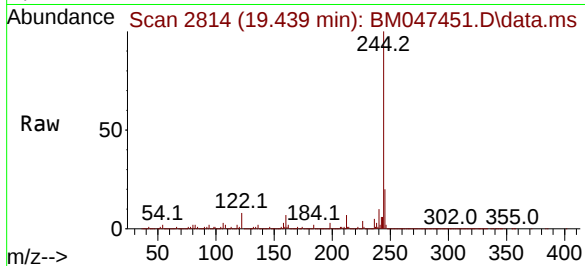




#79
 Terphenyl-d14
 Concen: 67.258 ng
 RT: 19.439 min Scan# 2814
 Delta R.T. -0.006 min
 Lab File: BM047451.D
 Acq: 05 Sep 2024 17:25

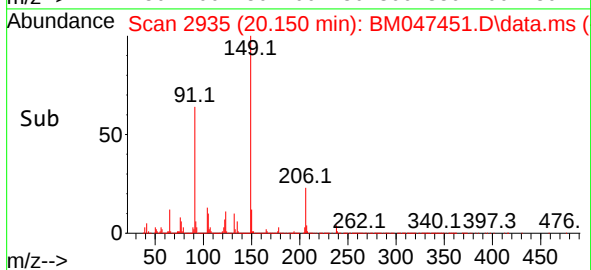
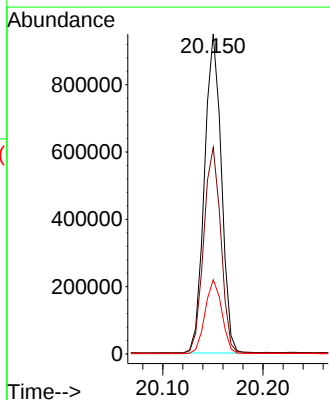
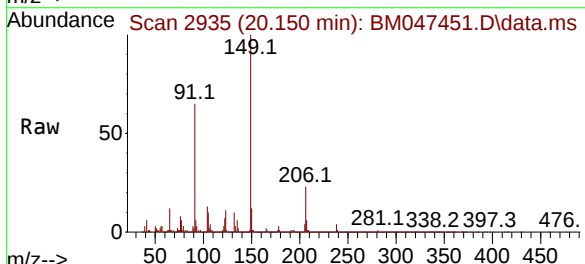
Instrument :
 BNA_M
 ClientSampleId :
 DN-B-38(B-8)MSD

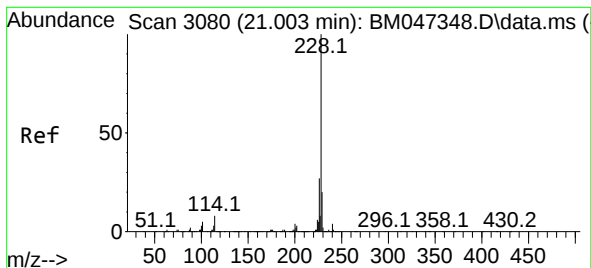
Tgt Ion:244 Resp: 2930611
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 8.0 7.0 10.4



#80
 Butylbenzylphthalate
 Concen: 47.917 ng
 RT: 20.150 min Scan# 2935
 Delta R.T. -0.012 min
 Lab File: BM047451.D
 Acq: 05 Sep 2024 17:25

Tgt Ion:149 Resp: 1115389
 Ion Ratio Lower Upper
 149 100
 91 64.6 52.6 79.0
 206 23.2 18.2 27.2





#81

Benzo(a)anthracene

Concen: 51.416 ng

RT: 21.003 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

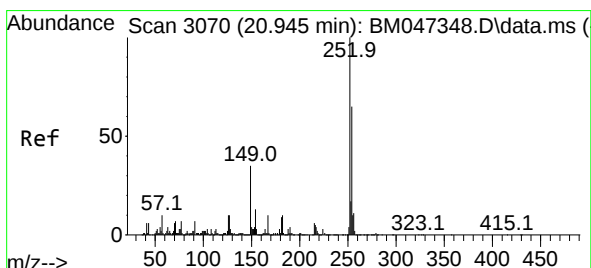
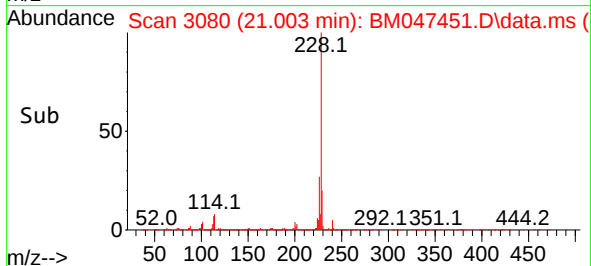
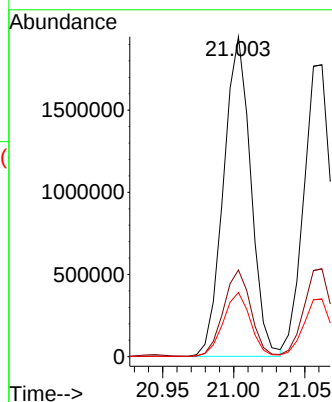
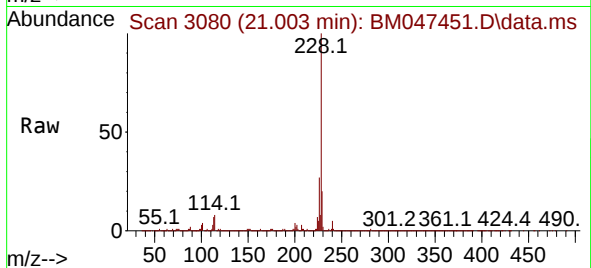
Tgt Ion:228 Resp: 2600504

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 51.404 ng

RT: 20.944 min Scan# 3070

Delta R.T. -0.000 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

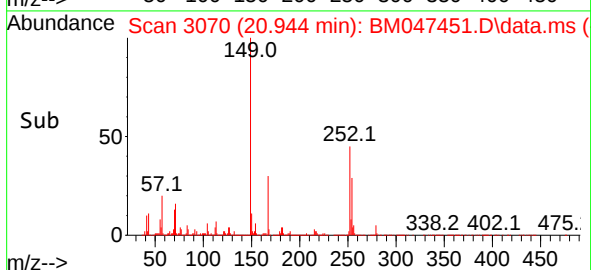
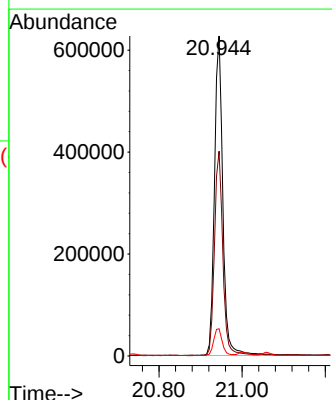
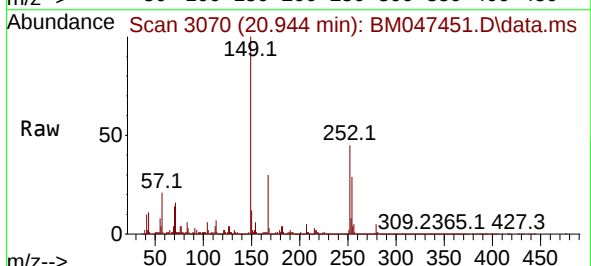
Tgt Ion:252 Resp: 874580

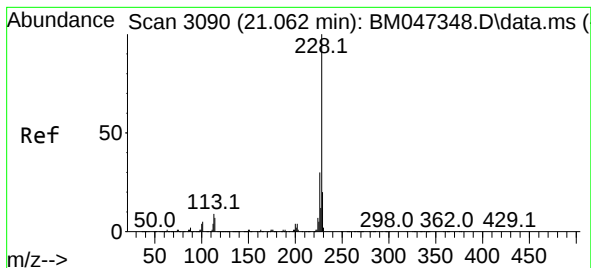
Ion Ratio Lower Upper

252 100

254 64.0 52.1 78.1

126 8.5 7.9 11.9





#83

Chrysene

Concen: 50.848 ng

RT: 21.062 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

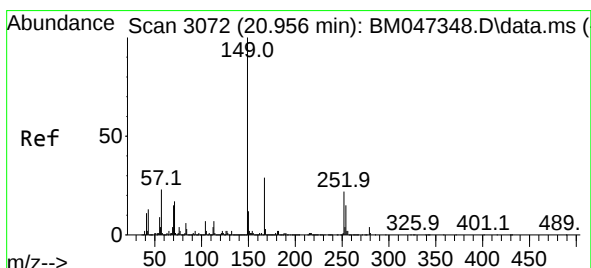
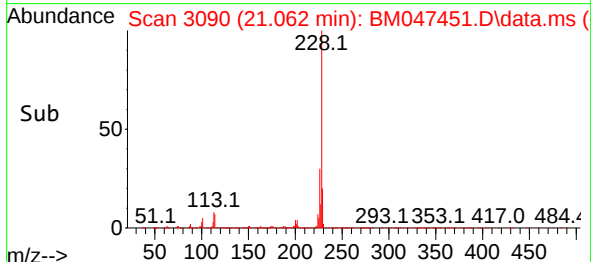
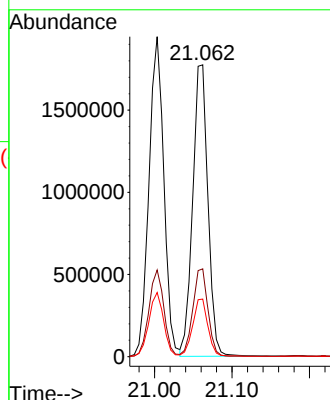
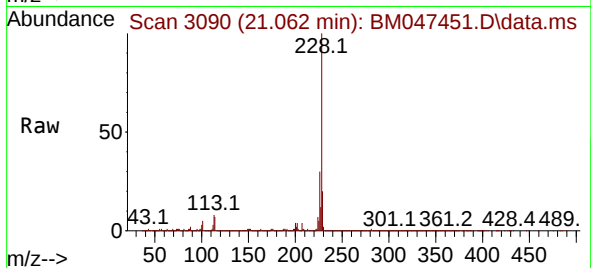
Tgt Ion:228 Resp: 2419220

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.018 ng

RT: 20.944 min Scan# 3070

Delta R.T. -0.012 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

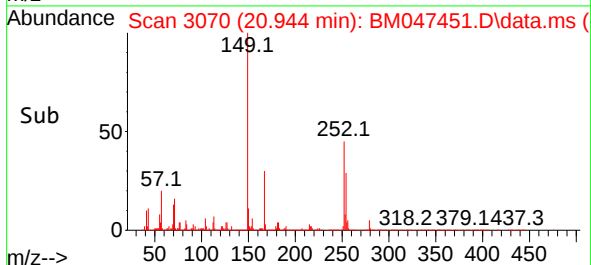
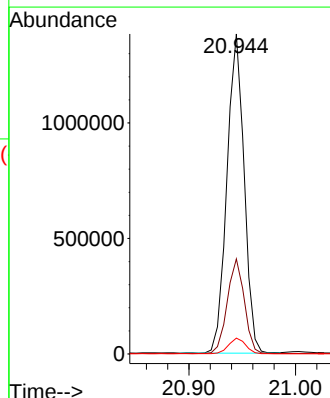
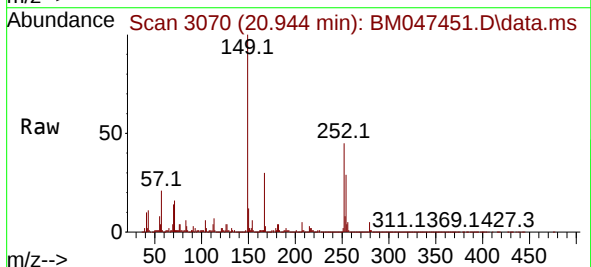
Tgt Ion:149 Resp: 1546856

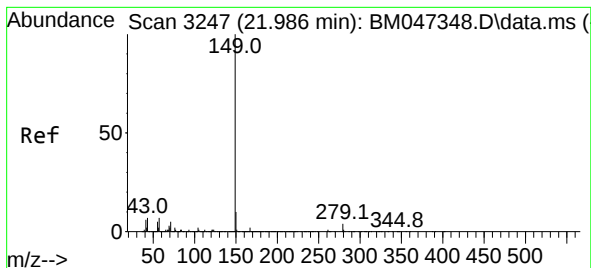
Ion Ratio Lower Upper

149 100

167 29.7 23.1 34.7

279 5.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 48.715 ng

RT: 21.974 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

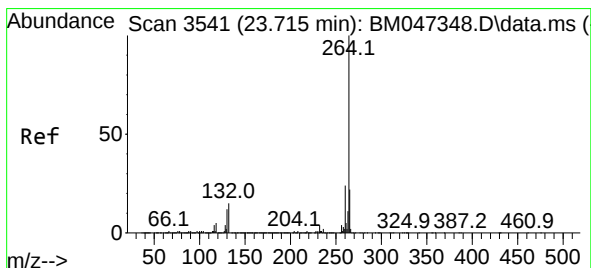
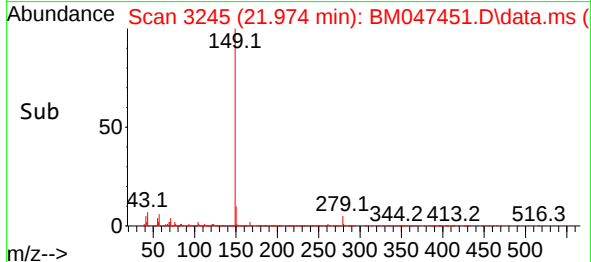
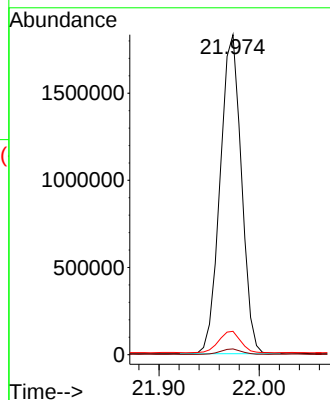
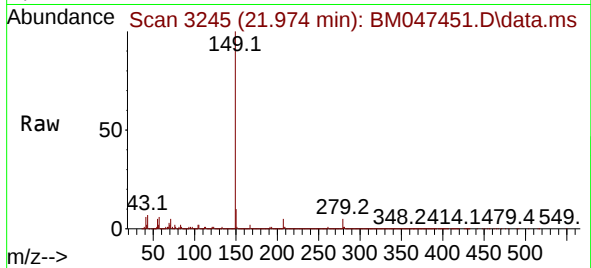
Tgt Ion:149 Resp: 2697588

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.9 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: BM047451.D

Acq: 05 Sep 2024 17:25

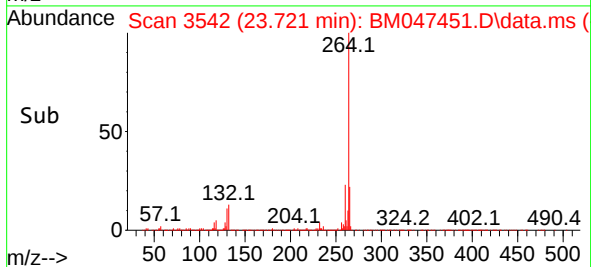
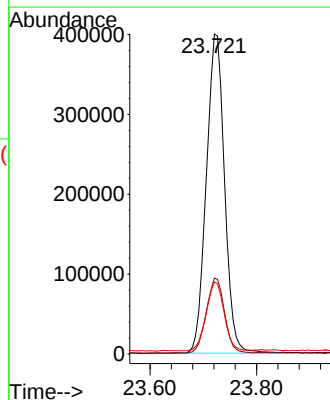
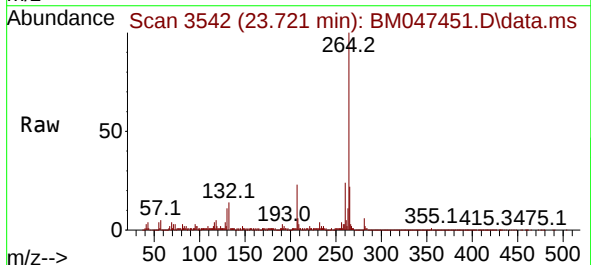
Tgt Ion:264 Resp: 950821

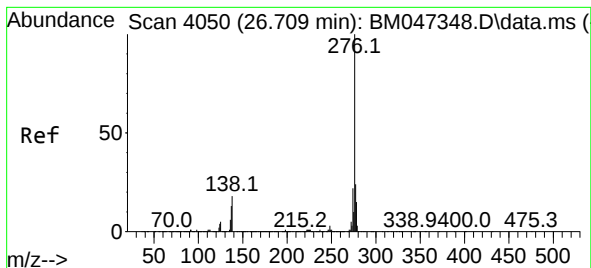
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 22.5 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.327 ng

RT: 26.750 min Scan# 4057

Delta R.T. 0.041 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

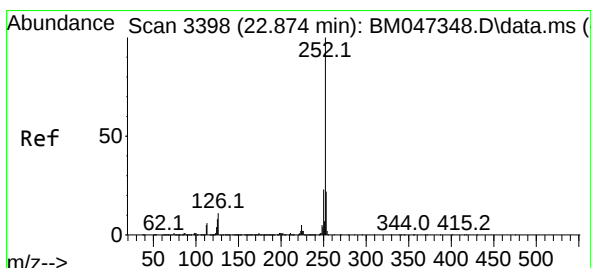
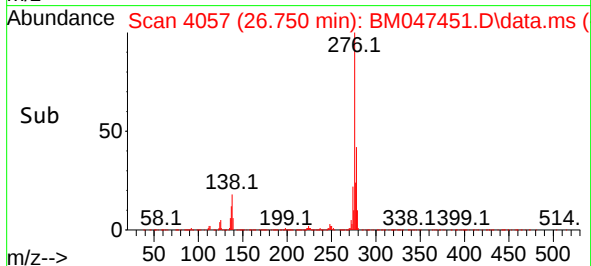
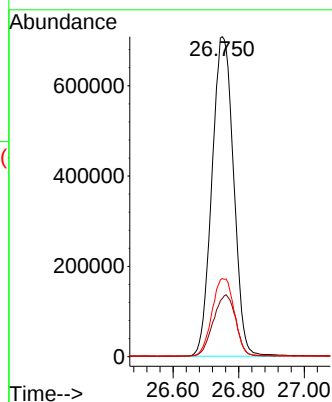
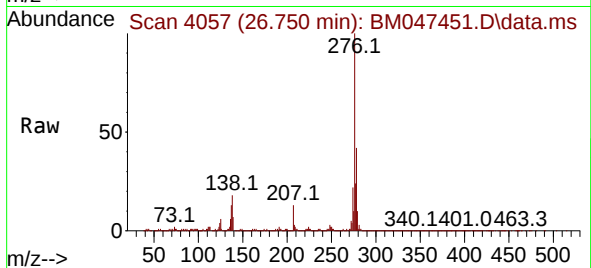
Tgt Ion:276 Resp: 3233591

Ion Ratio Lower Upper

276 100

138 20.0 17.7 26.5

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 48.611 ng

RT: 22.880 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

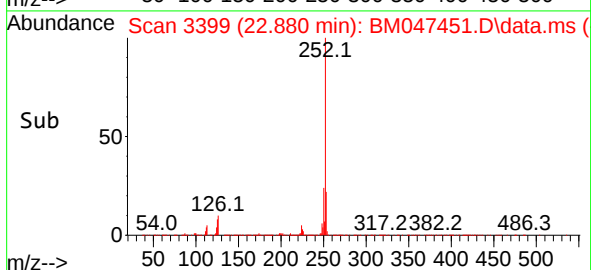
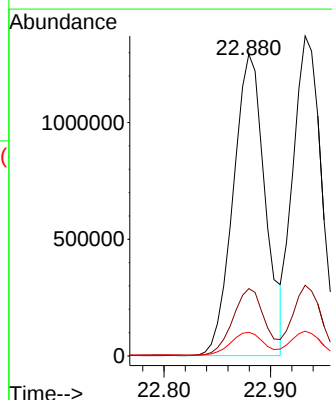
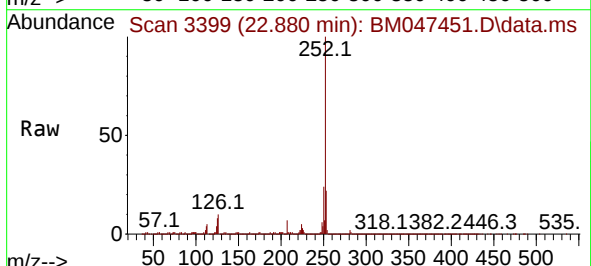
Tgt Ion:252 Resp: 2696611

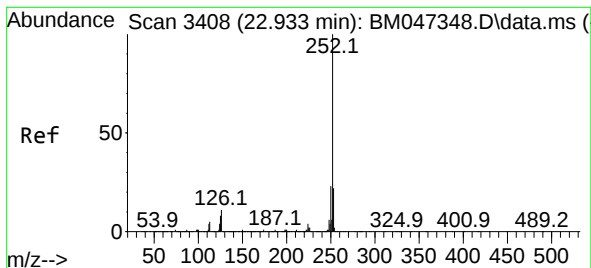
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 7.9 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 48.098 ng

RT: 22.933 min Scan# 3408

Delta R.T. -0.000 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

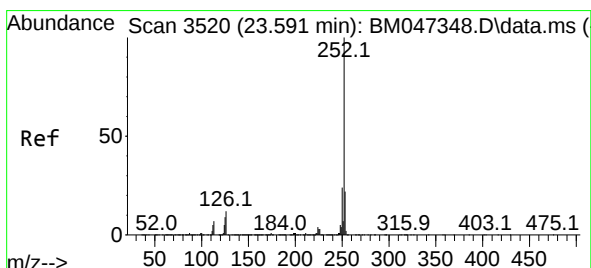
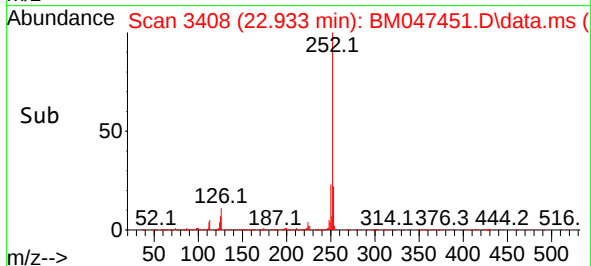
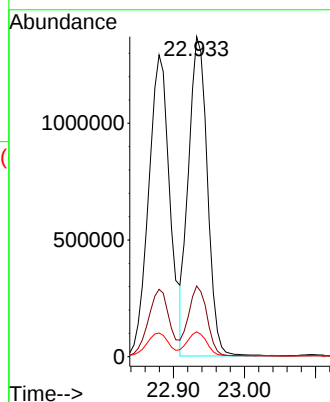
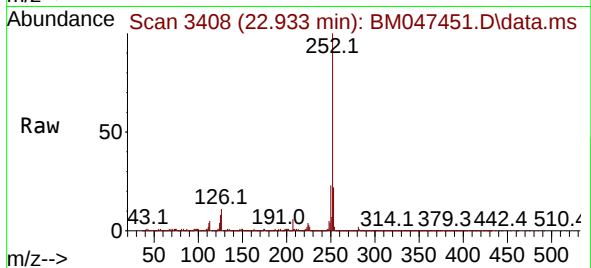
Tgt Ion:252 Resp: 2529284

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.8 6.6 9.8



#90

Benzo(a)pyrene

Concen: 53.385 ng

RT: 23.603 min Scan# 3522

Delta R.T. 0.012 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

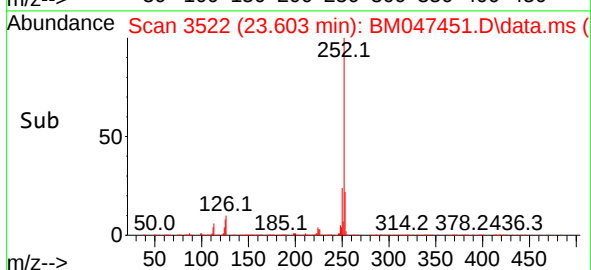
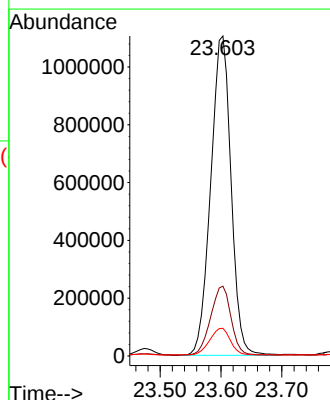
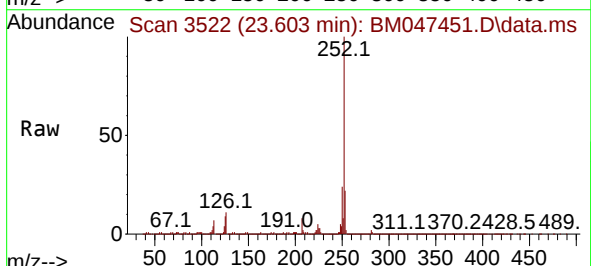
Tgt Ion:252 Resp: 2560996

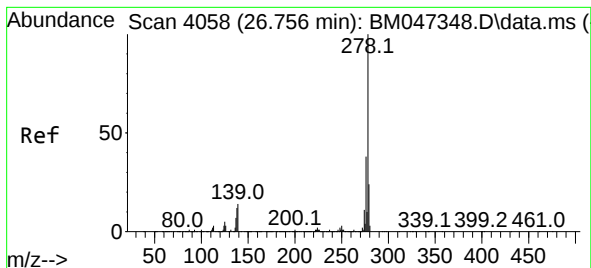
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.7 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 53.386 ng

RT: 26.785 min Scan# 4058

Delta R.T. 0.029 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)MSD

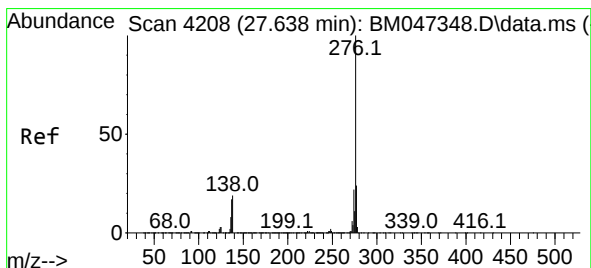
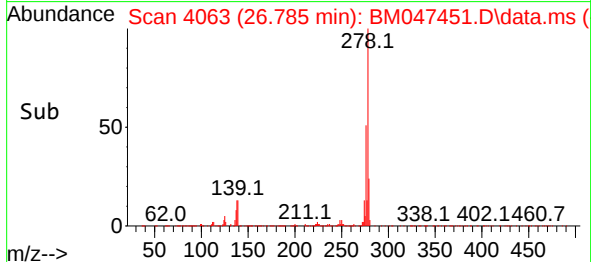
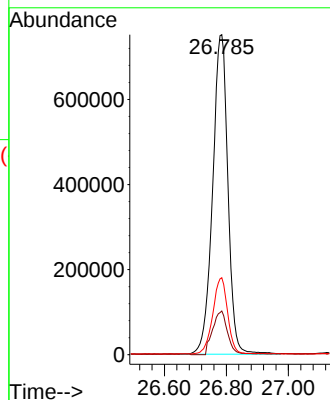
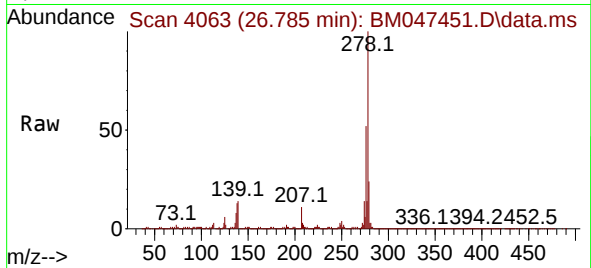
Tgt Ion:278 Resp: 2574264

Ion Ratio Lower Upper

278 100

139 13.6 11.1 16.7

279 24.1 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 50.178 ng

RT: 27.691 min Scan# 4217

Delta R.T. 0.053 min

Lab File: BM047451.D

Acq: 05 Sep 2024 17:25

Tgt Ion:276 Resp: 2515412

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 16.9 15.0 22.6

