

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
 Data File : BM047358.D
 Acq On : 27 Aug 2024 11:13
 Operator : RC/JU
 Sample : PB162574BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162574BS

Quant Time: Aug 27 12:29:28 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	7.351	152	394409	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1503078	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	980204	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1899367	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1167304	20.000	ng	0.00
86) Perylene-d12	23.709	264	1019810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2607264	126.827	ng	0.00
7) Phenol-d6	6.575	99	3422868	122.224	ng	0.00
23) Nitrobenzene-d5	8.504	82	2187569	80.754	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1366398	115.542	ng	0.00
45) 2-Fluorobiphenyl	12.621	172	5118299	80.231	ng	0.00
79) Terphenyl-d14	19.445	244	6399380	97.581	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	256143	30.441	ng	99
3) Pyridine	3.399	79	626985	26.847	ng	98
4) n-Nitrosodimethylamine	3.316	42	420987	44.262	ng	97
6) Aniline	6.704	93	686309	27.058	ng	100
8) 2-Chlorophenol	6.928	128	1101175	47.857	ng	99
9) Benzaldehyde	6.516	77	230849	12.379	ng	98
10) Phenol	6.598	94	1277383	46.361	ng	98
11) bis(2-Chloroethyl)ether	6.804	93	1040010	43.557	ng	100
12) 1,3-Dichlorobenzene	7.239	146	1163208	41.341	ng	99
13) 1,4-Dichlorobenzene	7.386	146	1171214	41.102	ng	98
14) 1,2-Dichlorobenzene	7.692	146	1134406	42.008	ng	99
15) Benzyl Alcohol	7.610	79	956190	49.249	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.875	45	1226703	42.847	ng	99
17) 2-Methylphenol	7.816	107	865339	45.204	ng	99
18) Hexachloroethane	8.398	117	445358	41.808	ng	99
19) n-Nitroso-di-n-propyla...	8.163	70	761316	39.547	ng	99
20) 3+4-Methylphenols	8.145	107	1187097	44.601	ng	98
22) Acetophenone	8.175	105	1356363	38.883	ng	# 98
24) Nitrobenzene	8.545	77	1141460	40.970	ng	98
25) Isophorone	9.069	82	2160068	42.189	ng	98
26) 2-Nitrophenol	9.239	139	628559	45.866	ng	100
27) 2,4-Dimethylphenol	9.322	122	770502	49.810	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	1334631	42.569	ng	98
29) 2,4-Dichlorophenol	9.780	162	1149062	47.885	ng	99
30) 1,2,4-Trichlorobenzene	9.975	180	1157177	41.751	ng	99
31) Naphthalene	10.157	128	3061993	41.709	ng	99
32) Benzoic acid	9.551	122	768331	41.596	ng	98
33) 4-Chloroaniline	10.292	127	744453	27.272	ng	99
34) Hexachlorobutadiene	10.433	225	716259	41.379	ng	99
35) Caprolactam	11.116	113	158363	20.372	ng	98
36) 4-Chloro-3-methylphenol	11.445	107	1073959	44.072	ng	100
37) 2-Methylnaphthalene	11.780	142	2248245	42.001	ng	100
38) 1-Methylnaphthalene	12.004	142	2088451	39.449	ng	99
40) 1,2,4,5-Tetrachloroben...	12.163	216	1189664	40.987	ng	99
41) Hexachlorocyclopentadiene	12.133	237	1086651	118.621	ng	98
43) 2,4,6-Trichlorophenol	12.427	196	934133	46.947	ng	99

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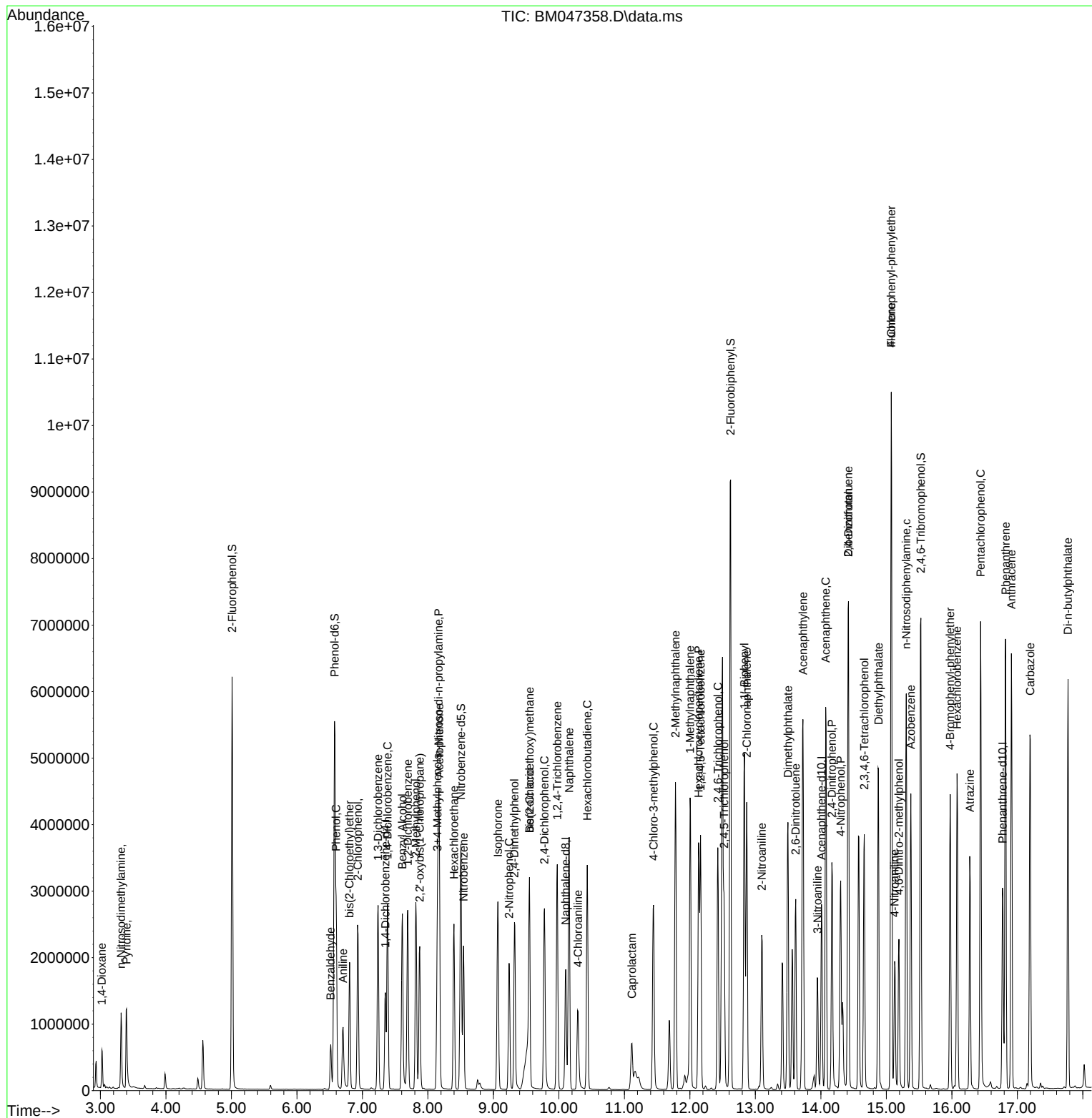
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.521	196	932472	42.198	ng	99
46) 1,1'-Biphenyl	12.833	154	2720980	39.755	ng	100
47) 2-Chloronaphthalene	12.868	162	2247631	41.905	ng	100
48) 2-Nitroaniline	13.098	65	673133	44.803	ng	99
49) Acenaphthylene	13.727	152	3586374	46.007	ng	99
50) Dimethylphthalate	13.498	163	2920240	43.237	ng	99
51) 2,6-Dinitrotoluene	13.616	165	665128	42.297	ng	99
52) Acenaphthene	14.074	154	2090330	42.241	ng	99
53) 3-Nitroaniline	13.951	138	476733	32.854	ng	97
54) 2,4-Dinitrophenol	14.168	184	865465	89.369	ng	99
55) Dibenzofuran	14.421	168	3399942	42.655	ng	99
56) 4-Nitrophenol	14.304	139	971025	85.608	ng	98
57) 2,4-Dinitrotoluene	14.421	165	844307	41.476	ng	96
58) Fluorene	15.074	166	2694636	41.771	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.662	232	821228	45.246	ng	100
60) Diethylphthalate	14.880	149	2794459	41.945	ng	99
61) 4-Chlorophenyl-phenyle...	15.074	204	1403031	42.754	ng	99
62) 4-Nitroaniline	15.127	138	526952	39.257	ng	98
63) Azobenzene	15.374	77	2499555	43.084	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	556946	47.775	ng	99
66) n-Nitrosodiphenylamine	15.304	169	2352455	45.264	ng	100
67) 4-Bromophenyl-phenylether	15.974	248	896217	44.727	ng	98
68) Hexachlorobenzene	16.080	284	1008978	43.597	ng	99
69) Atrazine	16.274	200	672931	39.613	ng	100
70) Pentachlorophenol	16.439	266	1253367	83.766	ng	99
71) Phenanthrene	16.821	178	4068250	44.104	ng	100
72) Anthracene	16.909	178	4057869	45.127	ng	100
73) Carbazole	17.198	167	3659035	42.405	ng	99
74) Di-n-butylphthalate	17.774	149	4490626	42.738	ng	100
75) Fluoranthene	18.856	202	4411440	40.730	ng	100
77) Benzidine	19.062	184	449558	23.072	ng	99
78) Pyrene	19.221	202	4450753	49.713	ng	99
80) Butylbenzylphthalate	20.156	149	1670926	47.693	ng	98
81) Benzo(a)anthracene	21.003	228	3499912	45.977	ng	99
82) 3,3'-Dichlorobenzidine	20.944	252	947065	36.984	ng	98
83) Chrysene	21.062	228	3213138	44.872	ng	100
84) Bis(2-ethylhexyl)phtha...	20.956	149	2211125	44.654	ng	100
85) Di-n-octyl phthalate	21.986	149	3549027	42.583	ng	100
87) Indeno(1,2,3-cd)pyrene	26.703	276	3214939	50.359	ng	100
88) Benzo(b)fluoranthene	22.868	252	3021895	50.790	ng	100
89) Benzo(k)fluoranthene	22.927	252	2959703	52.475	ng	99
90) Benzo(a)pyrene	23.585	252	2699397	52.464	ng	99
91) Dibenzo(a,h)anthracene	26.744	278	2573259	49.756	ng	100
92) Benzo(g,h,i)perylene	27.632	276	2590081	48.173	ng	99

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

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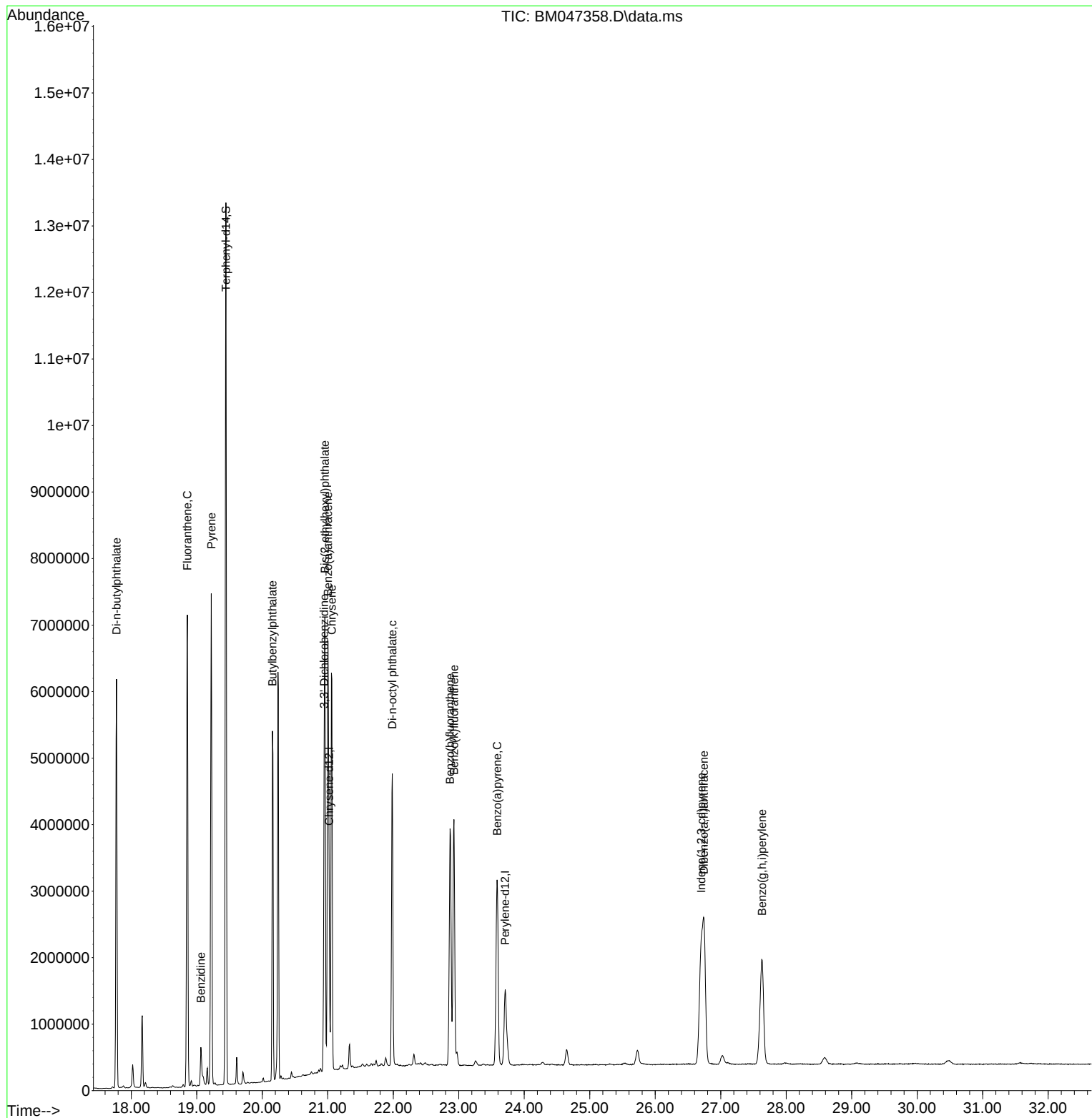
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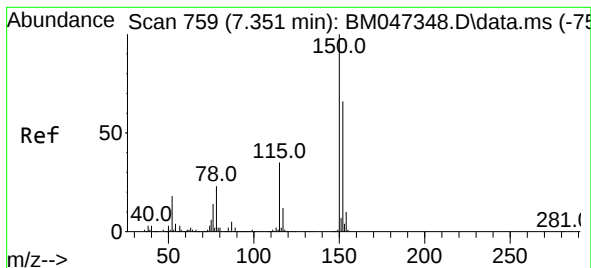


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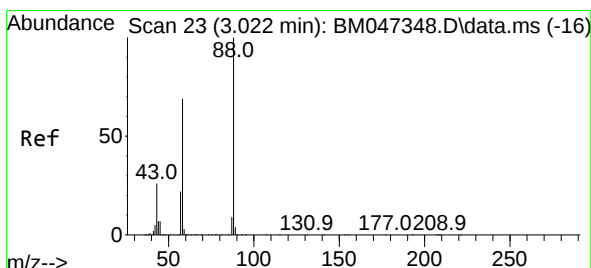
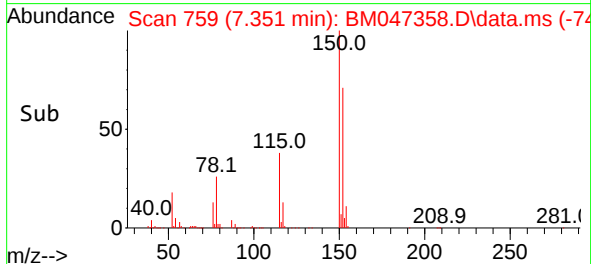
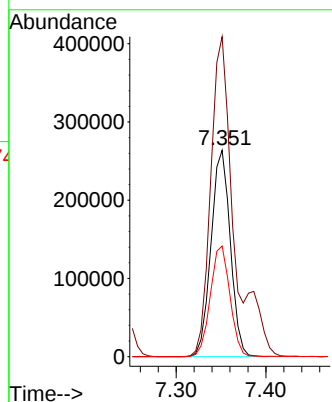
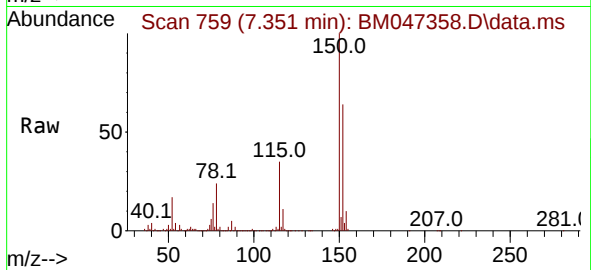




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.351 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM047358.D
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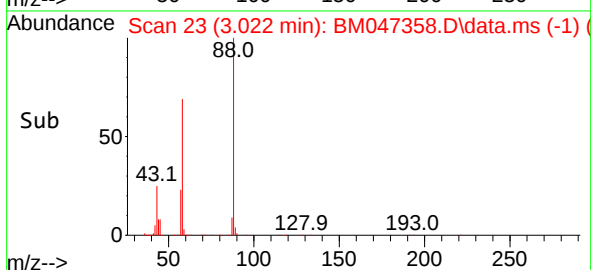
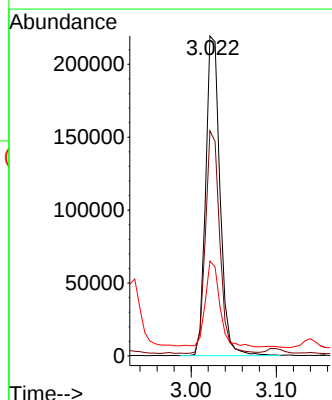
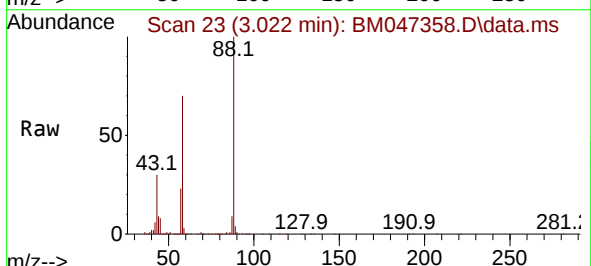
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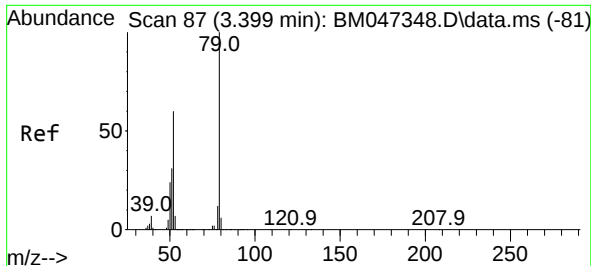
Tgt Ion:152 Resp: 394409
 Ion Ratio Lower Upper
 152 100
 150 155.1 121.3 181.9
 115 53.7 42.6 64.0



#2
 1,4-Dioxane
 Concen: 30.441 ng
 RT: 3.022 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BM047358.D
 Acq: 27 Aug 2024 11:13

Tgt Ion: 88 Resp: 256143
 Ion Ratio Lower Upper
 88 100
 58 69.3 55.4 83.0
 43 26.9 20.7 31.1



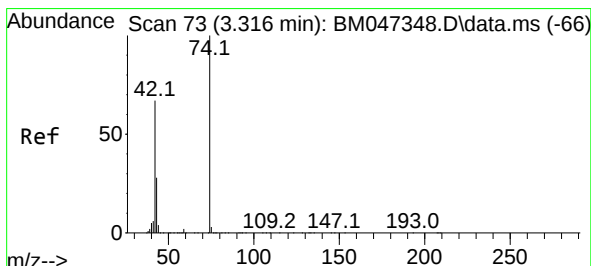
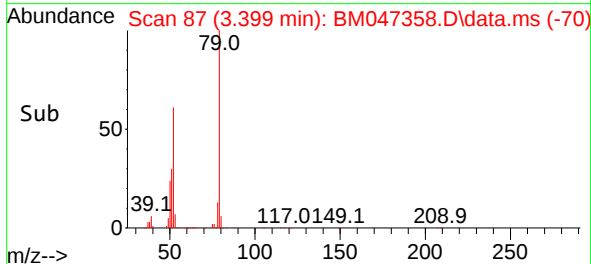
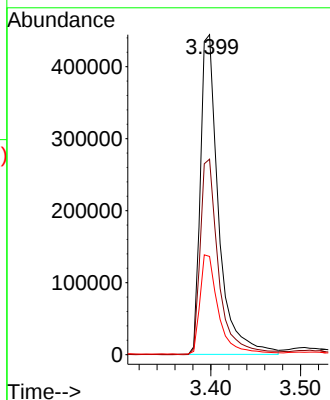
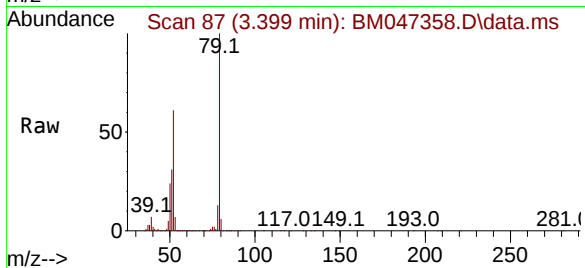


#3
 Pyridine
 Concen: 26.847 ng
 RT: 3.399 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM047358.D
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Tgt Ion: 79 Resp: 626985

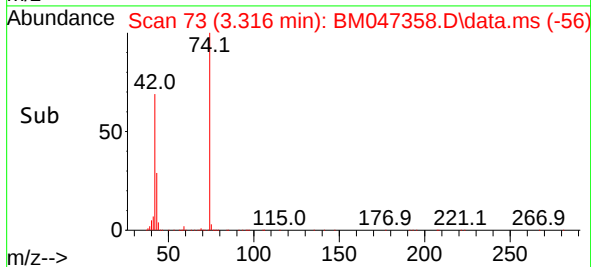
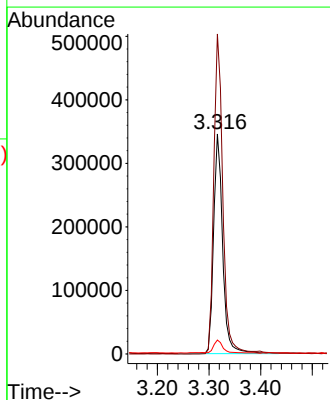
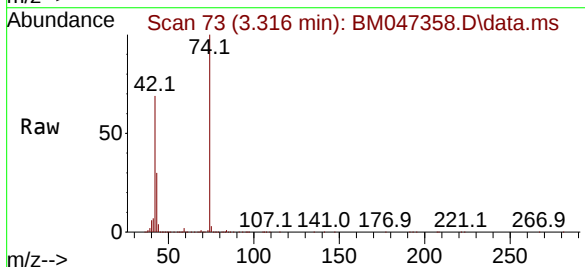
Ion	Ratio	Lower	Upper
79	100		
52	61.1	47.8	71.6
51	30.7	25.0	37.4



#4
 n-Nitrosodimethylamine
 Concen: 44.262 ng
 RT: 3.316 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: BM047358.D
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Tgt Ion: 42 Resp: 420987

Ion	Ratio	Lower	Upper
42	100		
74	145.4	119.2	178.8
44	6.4	5.2	7.8

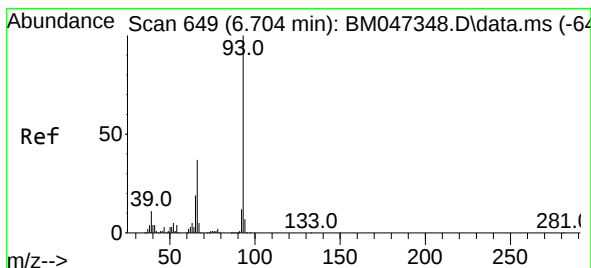
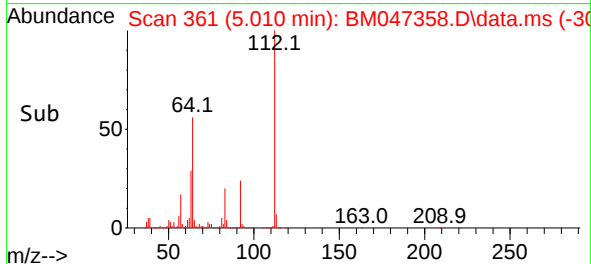
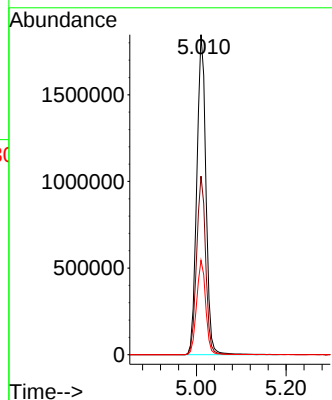
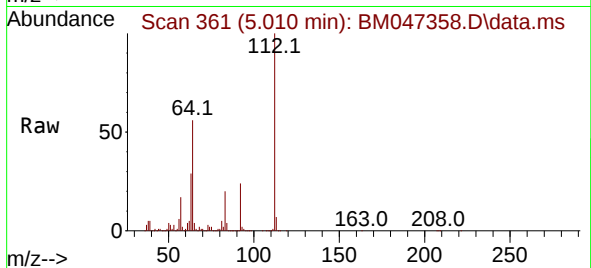




#5
2-Fluorophenol
Concen: 126.827 ng
RT: 5.010 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM047358.D
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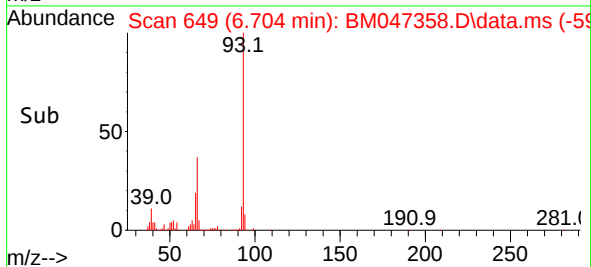
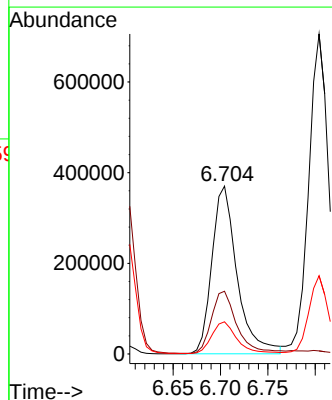
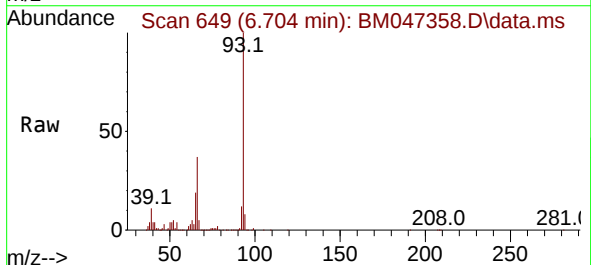
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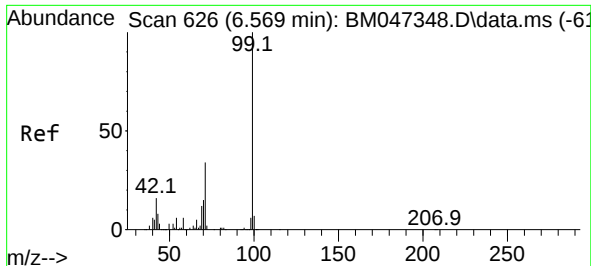
Tgt Ion:112 Resp: 2607264
Ion Ratio Lower Upper
112 100
64 55.8 45.7 68.5
63 29.5 23.8 35.8



#6
Aniline
Concen: 27.058 ng
RT: 6.704 min Scan# 649
Delta R.T. -0.000 min
Lab File: BM047358.D
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Tgt Ion: 93 Resp: 686309
Ion Ratio Lower Upper
93 100
66 37.4 30.0 45.0
65 19.2 15.5 23.3

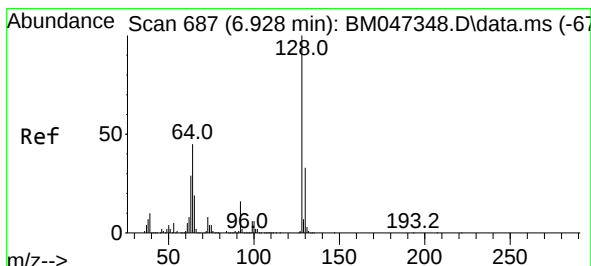
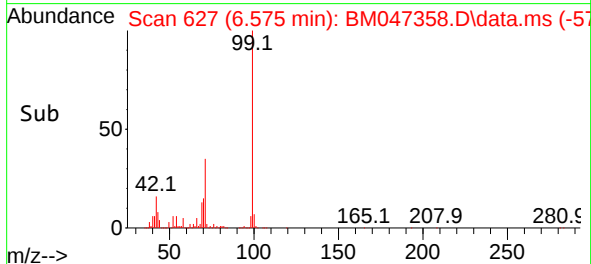
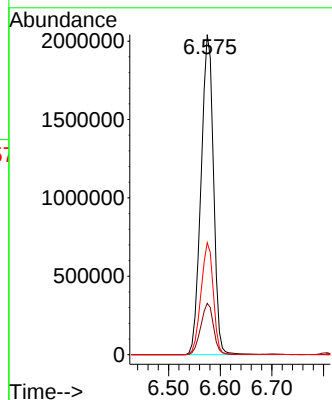
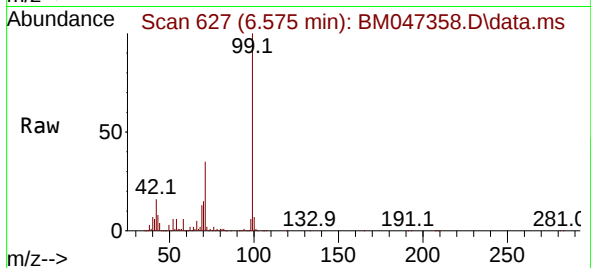




#7
Phenol-d6
Concen: 122.224 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047358.D
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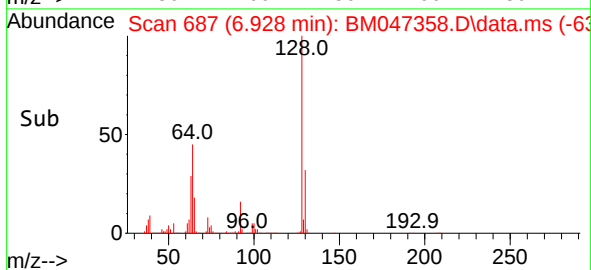
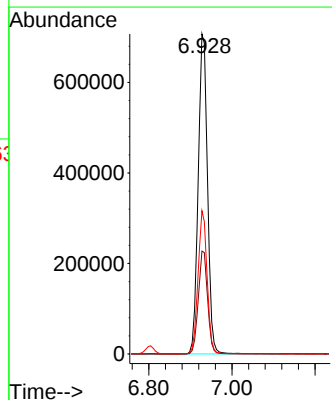
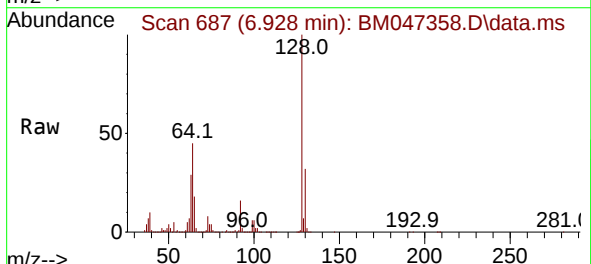
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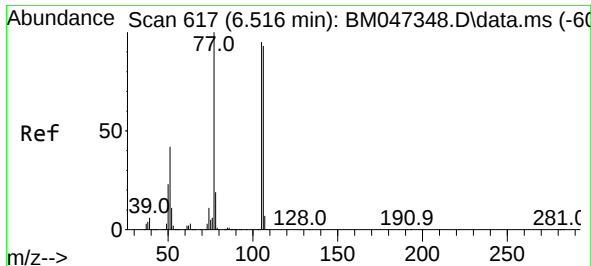
Tgt Ion: 99 Resp: 3422868
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 35.0 27.5 41.3



#8
2-Chlorophenol
Concen: 47.857 ng
RT: 6.928 min Scan# 687
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:128 Resp: 1101175
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 44.8 25.3 65.3

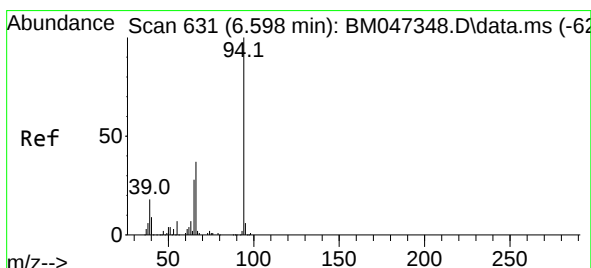
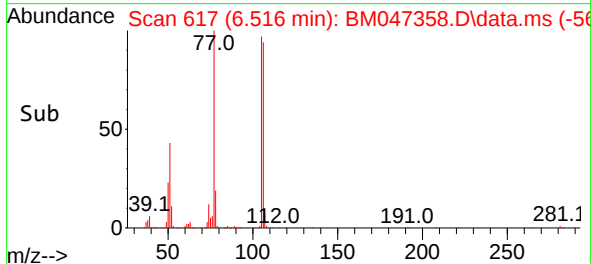
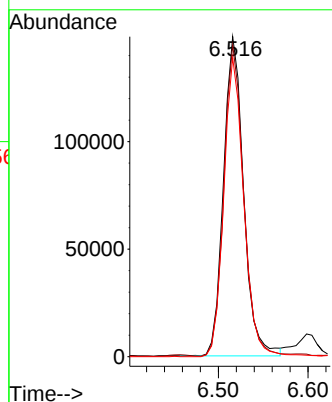
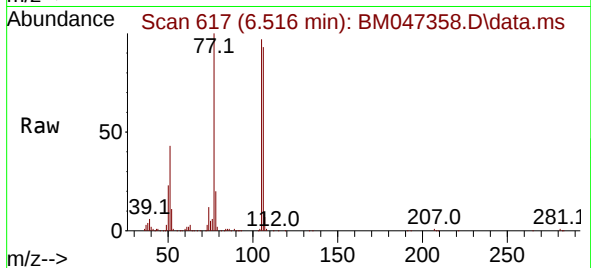




#9
Benzaldehyde
Concen: 12.379 ng
RT: 6.516 min Scan# 617
Delta R.T. -0.000 min
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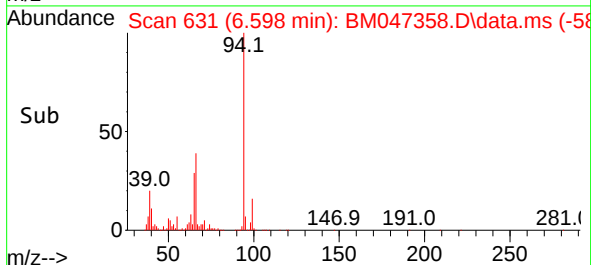
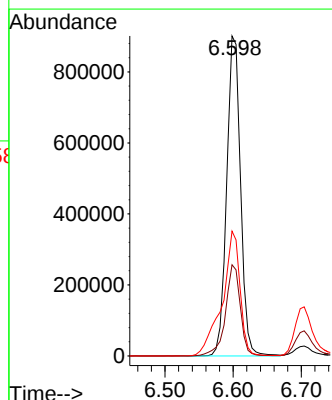
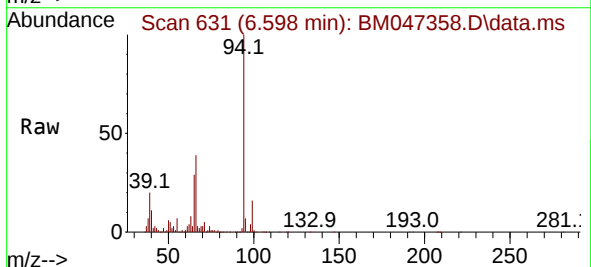
Instrument :
BNA_M
ClientSampleId :
PB162574BS

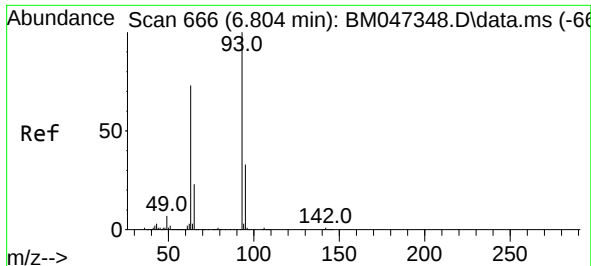
Tgt Ion: 77 Resp: 230849
Ion Ratio Lower Upper
77 100
105 97.4 74.9 114.9
106 93.4 72.6 112.6



#10
Phenol
Concen: 46.361 ng
RT: 6.598 min Scan# 631
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion: 94 Resp: 1277383
Ion Ratio Lower Upper
94 100
65 28.5 7.9 47.9
66 39.0 17.3 57.3

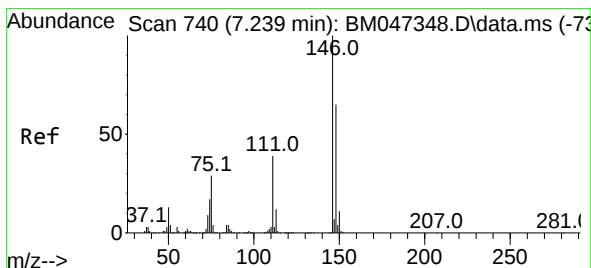
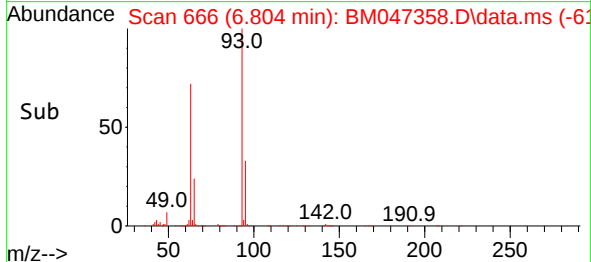
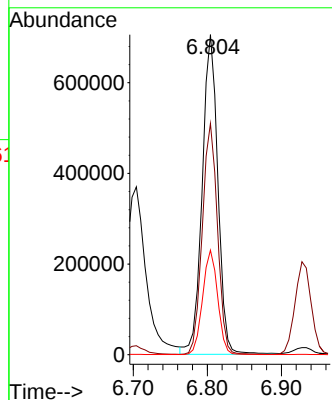
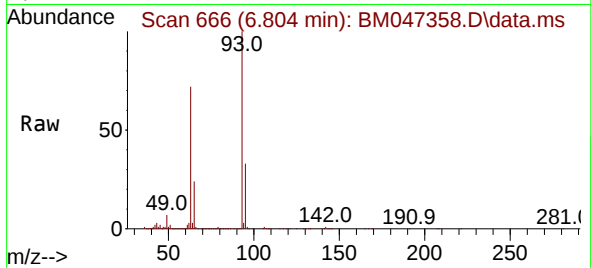




#11
bis(2-Chloroethyl)ether
Concen: 43.557 ng
RT: 6.804 min Scan# 666
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

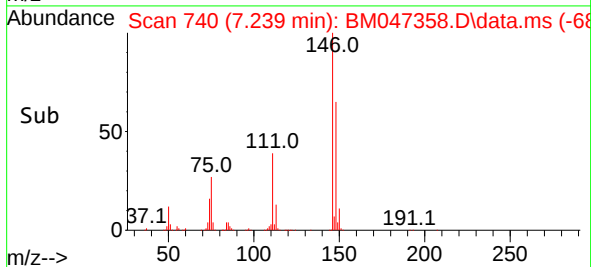
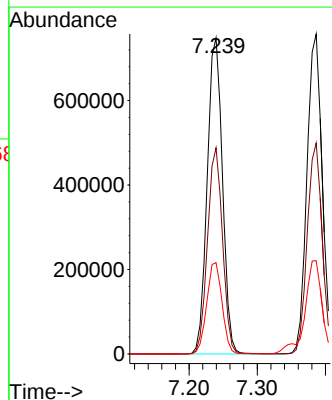
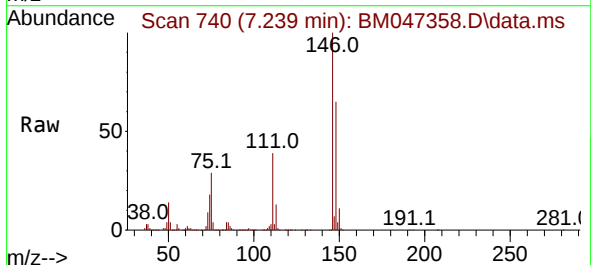
Instrument :
BNA_M
ClientSampleId :
PB162574BS

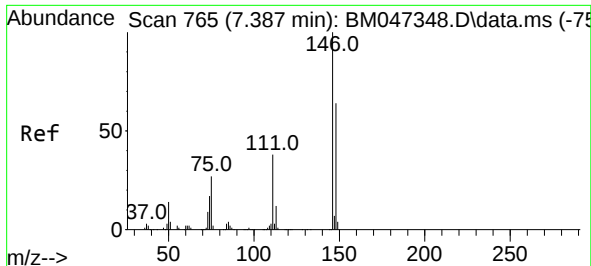
Tgt Ion: 93 Resp: 1040010
Ion Ratio Lower Upper
93 100
63 72.3 52.2 92.2
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.341 ng
RT: 7.239 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion: 146 Resp: 1163208
Ion Ratio Lower Upper
146 100
148 65.2 51.6 77.4
75 28.9 23.3 34.9

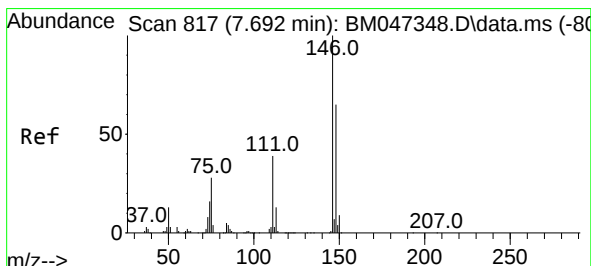
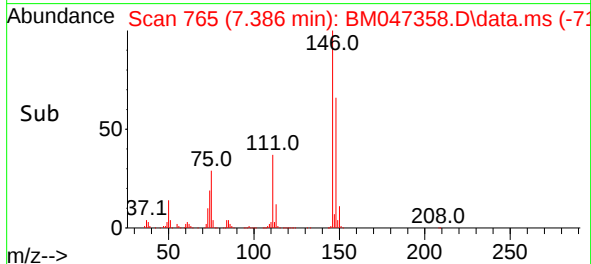
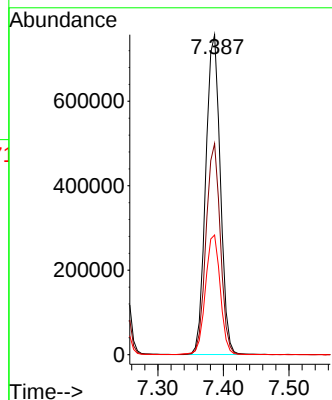
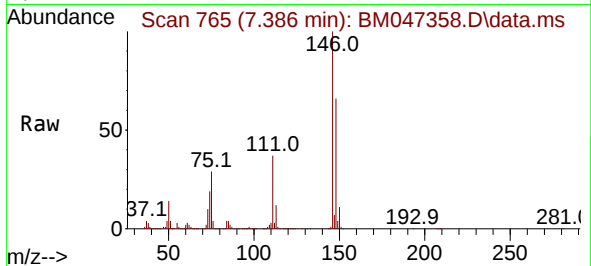




#13
1,4-Dichlorobenzene
Concen: 41.102 ng
RT: 7.386 min Scan# 765
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

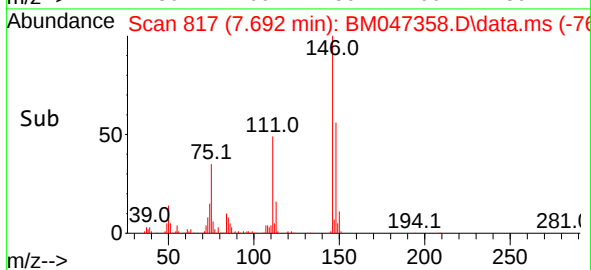
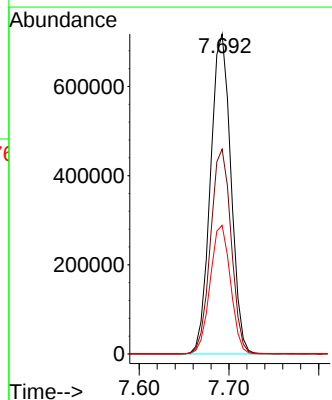
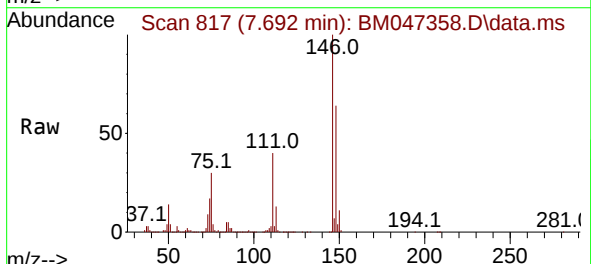
Instrument :
BNA_M
ClientSampleId :
PB162574BS

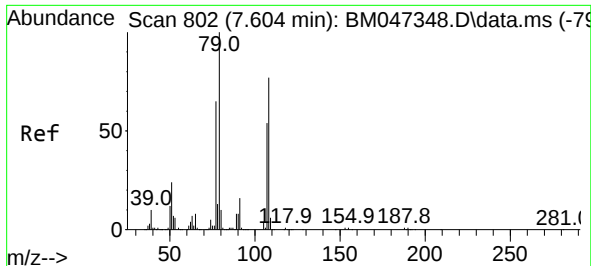
Tgt Ion:146 Resp: 1171214
Ion Ratio Lower Upper
146 100
148 66.0 51.0 76.6
111 37.4 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 42.008 ng
RT: 7.692 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:146 Resp: 1134406
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
111 40.2 31.7 47.5

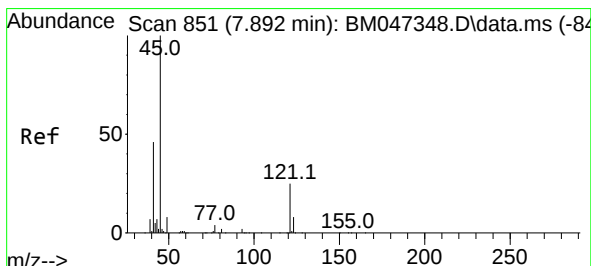
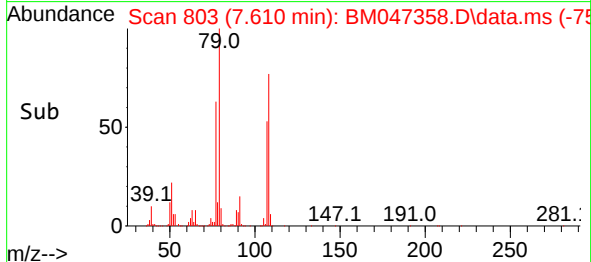
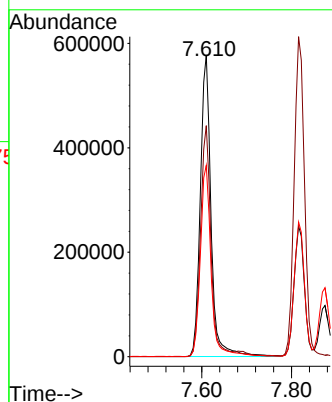
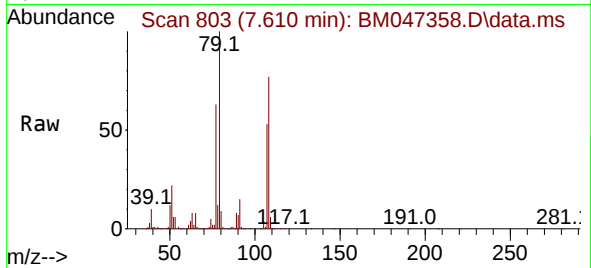




#15
Benzyl Alcohol
Concen: 49.249 ng
RT: 7.610 min Scan# 803
Delta R.T. 0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

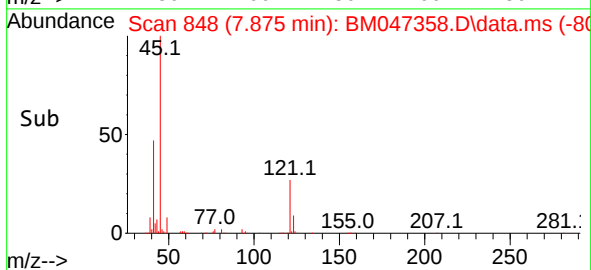
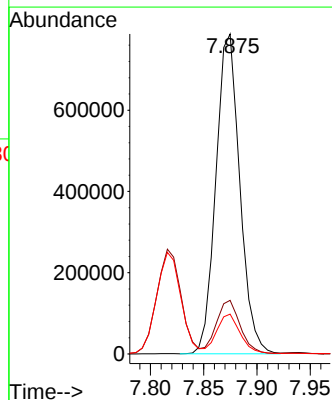
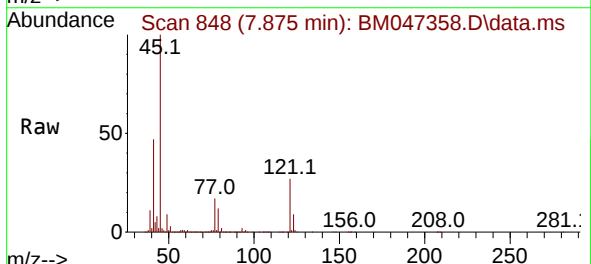
Instrument :
BNA_M
ClientSampleId :
PB162574BS

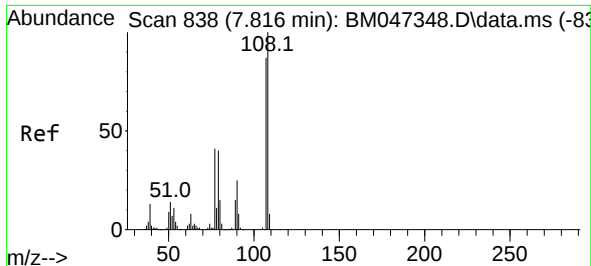
Tgt Ion: 79 Resp: 956190
Ion Ratio Lower Upper
79 100
108 76.6 61.1 91.7
77 63.4 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.847 ng
RT: 7.875 min Scan# 848
Delta R.T. -0.018 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

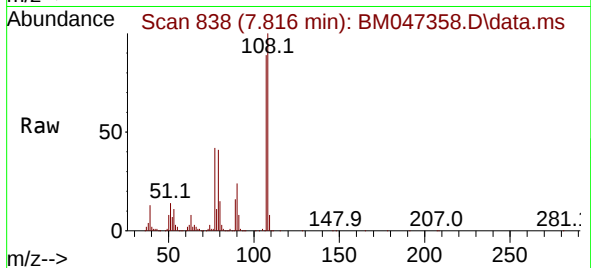
Tgt Ion: 45 Resp: 1226703
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.7
79 12.5 0.0 33.0



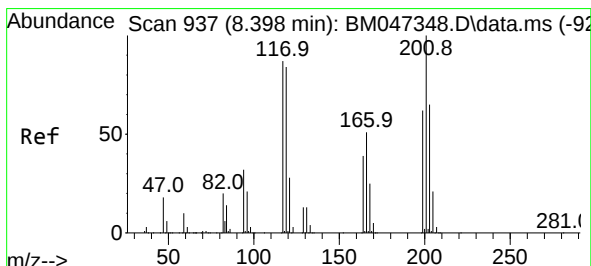
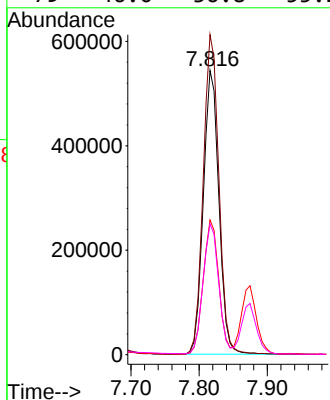
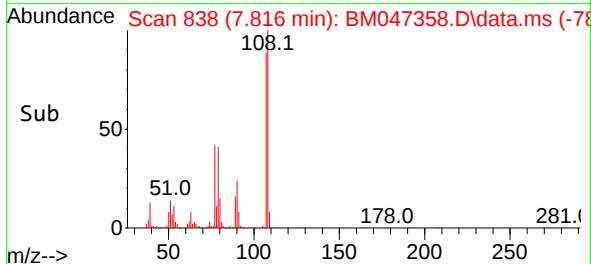


#17
2-Methylphenol
Concen: 45.204 ng
RT: 7.816 min Scan# 838
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

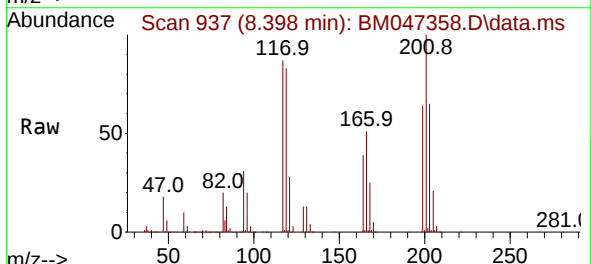
Instrument :
BNA_M
ClientSampleId :
PB162574BS



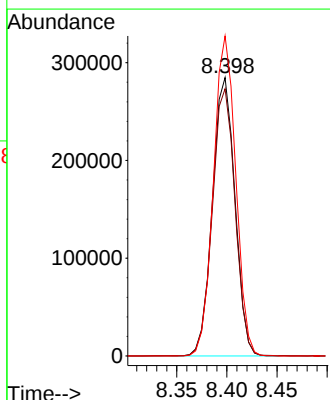
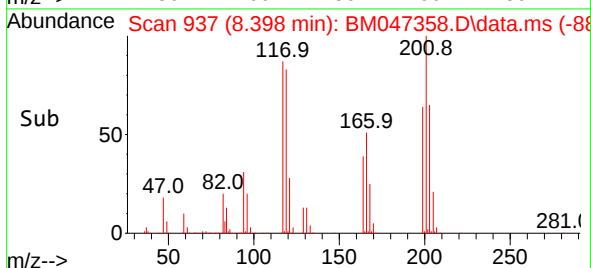
Tgt Ion:	107	Resp:	865339
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.6	137.4
77	47.4	38.0	57.0
79	46.0	36.8	55.2

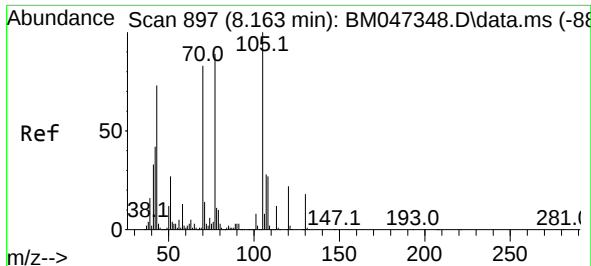


#18
Hexachloroethane
Concen: 41.808 ng
RT: 8.398 min Scan# 937
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13



Tgt Ion:	117	Resp:	445358
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.8	116.8
201	114.9	92.3	138.5



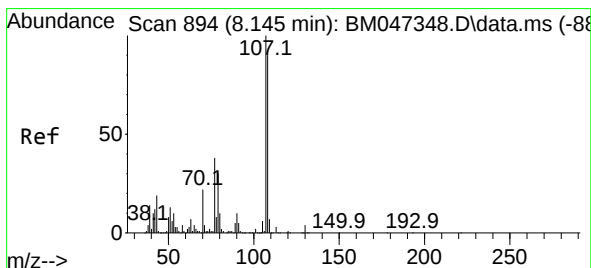
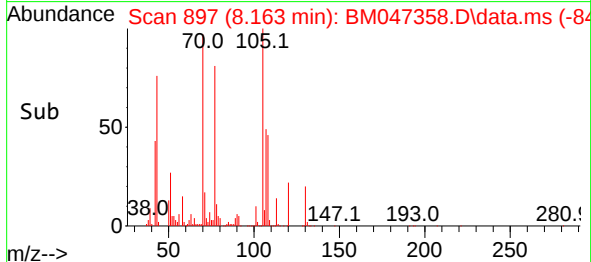
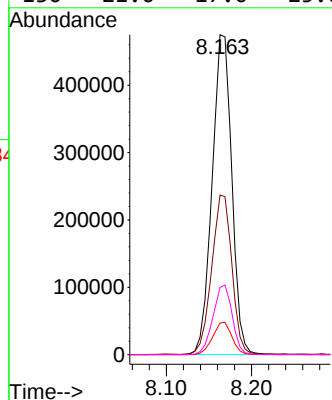
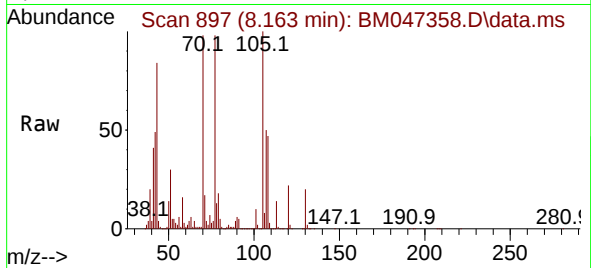


#19
n-Nitroso-di-n-propylamine
Concen: 39.547 ng
RT: 8.163 min Scan# 897
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Instrument :
BNA_M
ClientSampleId :
PB162574BS

Tgt Ion: 70 Resp: 761316

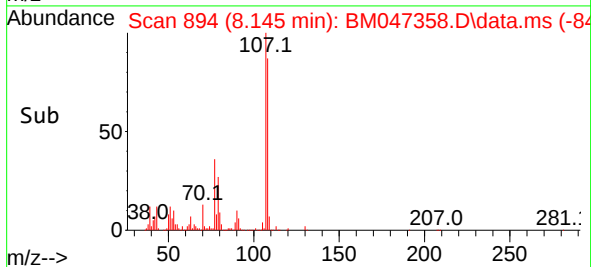
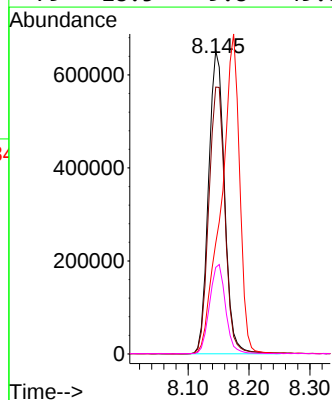
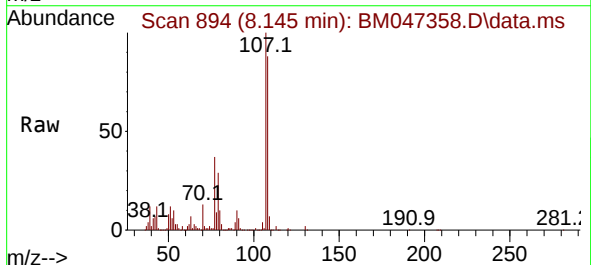
Ion	Ratio	Lower	Upper
70	100		
42	49.9	41.0	61.4
101	9.9	7.9	11.9
130	21.0	17.0	25.6

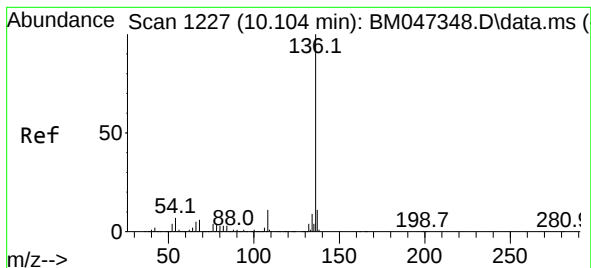


#20
3+4-Methylphenols
Concen: 44.601 ng
RT: 8.145 min Scan# 894
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion: 107 Resp: 1187097

Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.8	109.8
77	36.5	18.0	58.0
79	28.5	9.8	49.8

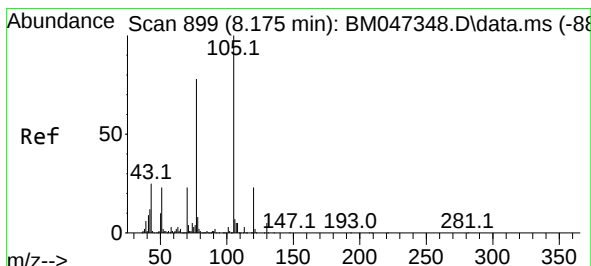
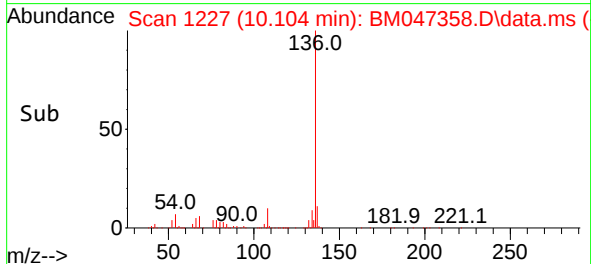
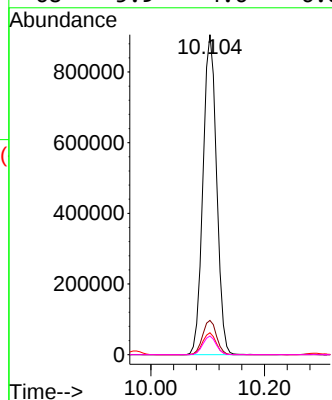
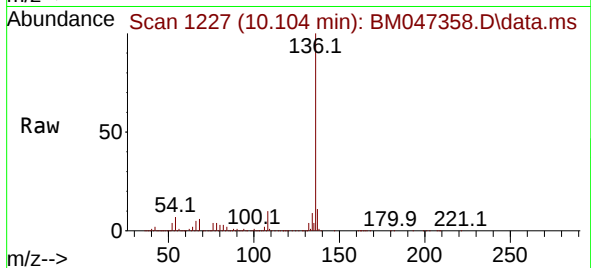




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

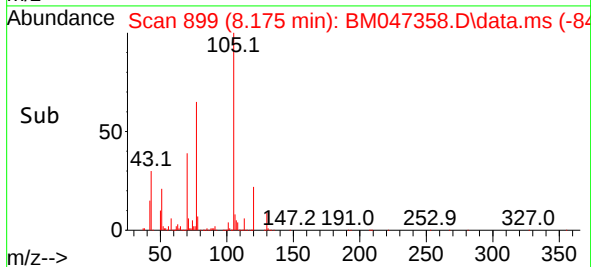
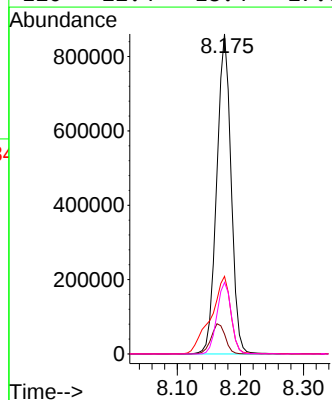
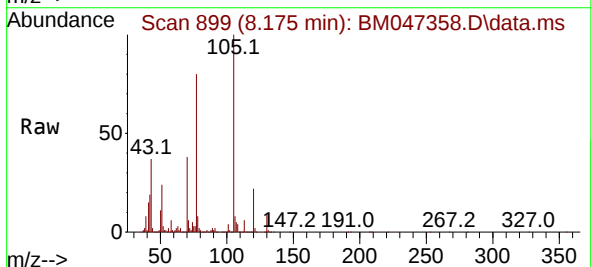
Instrument :
BNA_M
ClientSampleId :
PB162574BS

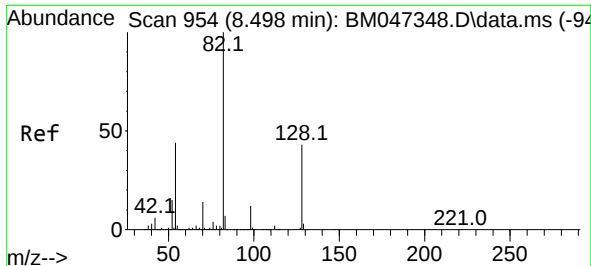
Tgt Ion:136 Resp: 1503078
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.8 5.2 7.8
68 5.9 4.6 6.8



#22
Acetophenone
Concen: 38.883 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:105 Resp: 1356363
Ion Ratio Lower Upper
105 100
71 6.2 3.1 4.7#
51 24.3 18.7 28.1
120 22.4 18.4 27.6

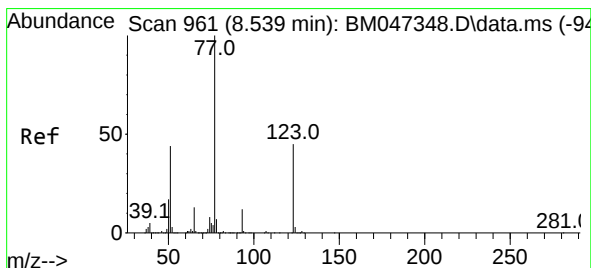
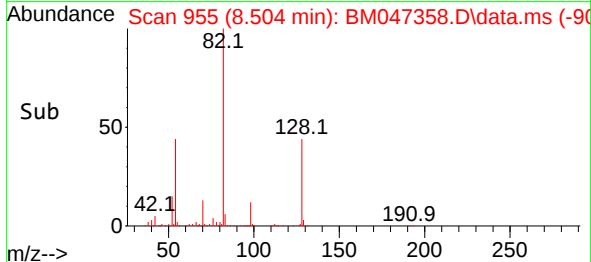
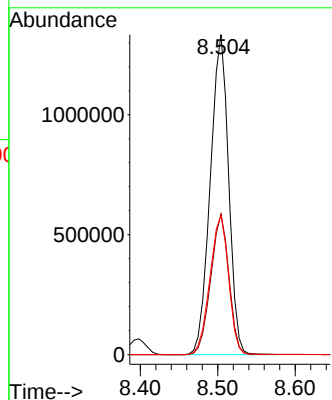
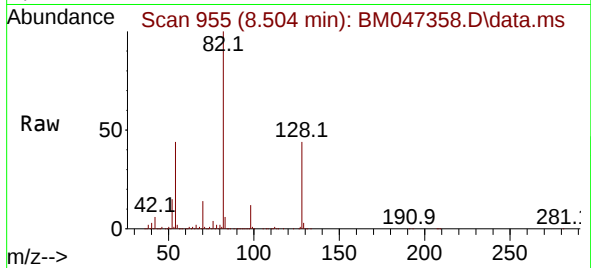




#23
Nitrobenzene-d5
Concen: 80.754 ng
RT: 8.504 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

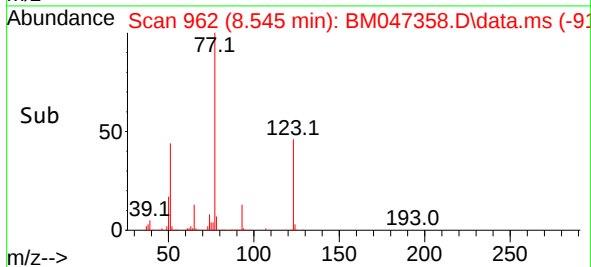
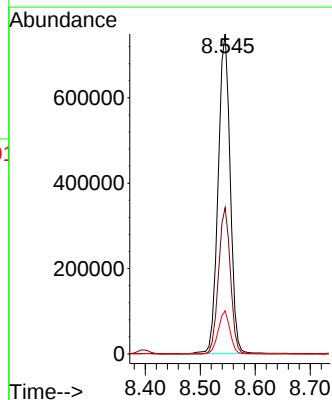
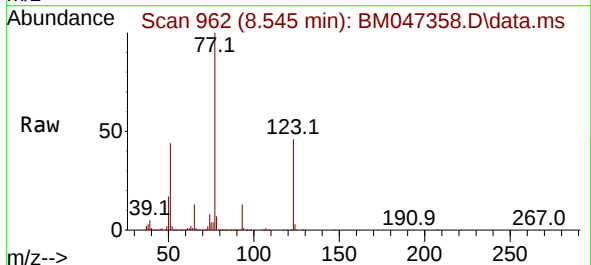
Instrument :
BNA_M
ClientSampleId :
PB162574BS

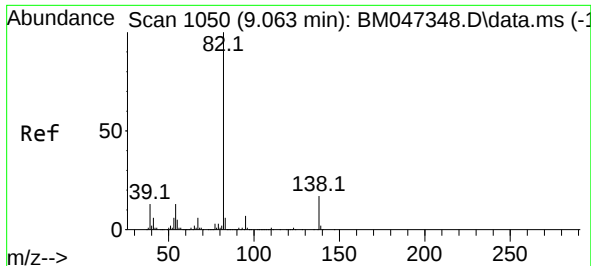
Tgt Ion: 82 Resp: 2187569
Ion Ratio Lower Upper
82 100
128 44.0 34.6 51.8
54 43.6 35.5 53.3



#24
Nitrobenzene
Concen: 40.970 ng
RT: 8.545 min Scan# 962
Delta R.T. 0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

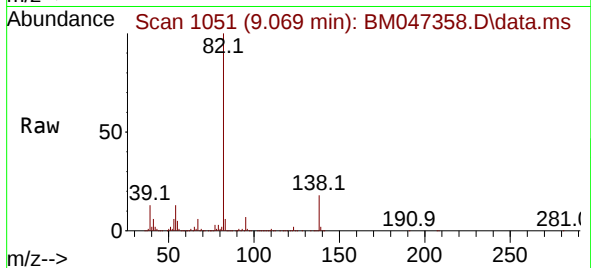
Tgt Ion: 77 Resp: 1141460
Ion Ratio Lower Upper
77 100
123 45.8 35.6 53.4
65 13.4 10.5 15.7



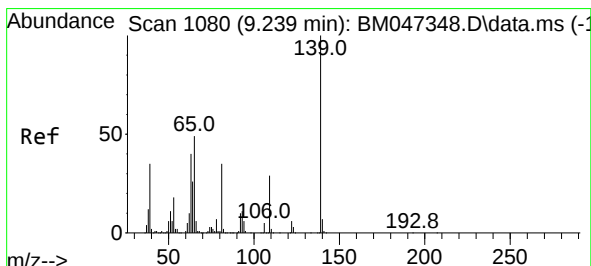
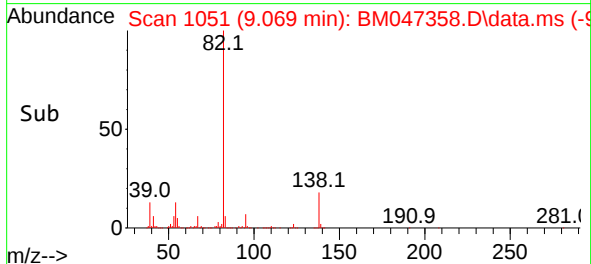
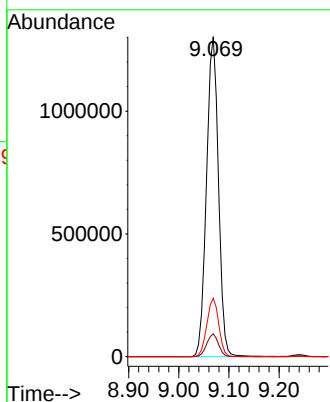


#25
Isophorone
Concen: 42.189 ng
RT: 9.069 min Scan# 1051
Delta R.T. 0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Instrument :
BNA_M
ClientSampleId :
PB162574BS

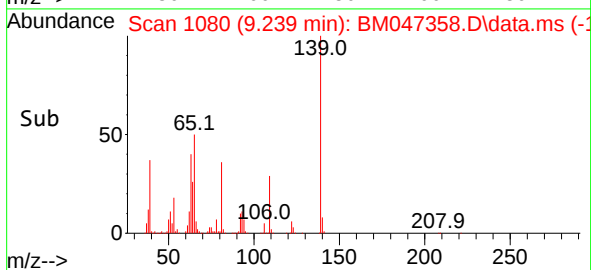
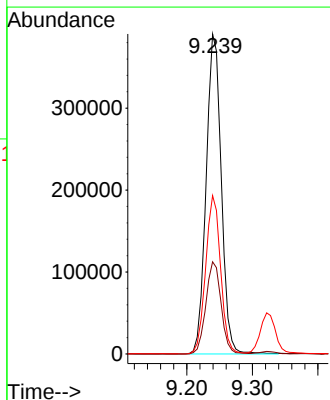
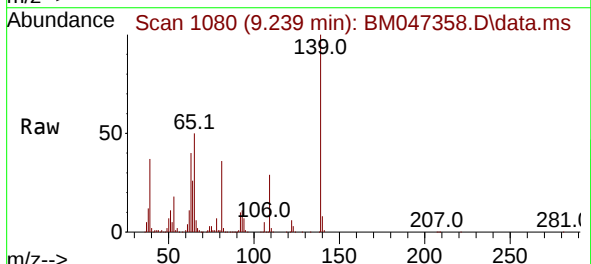


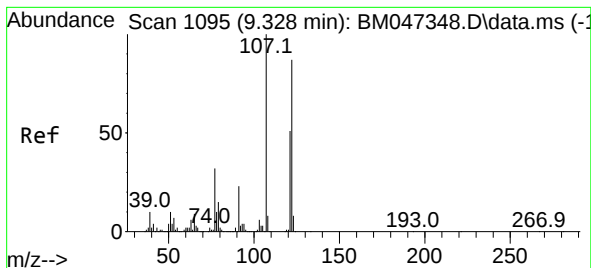
Tgt Ion: 82 Resp: 2160068
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.3 13.9 20.9



#26
2-Nitrophenol
Concen: 45.866 ng
RT: 9.239 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:139 Resp: 628559
Ion Ratio Lower Upper
139 100
109 28.8 23.4 35.0
65 49.5 39.6 59.4

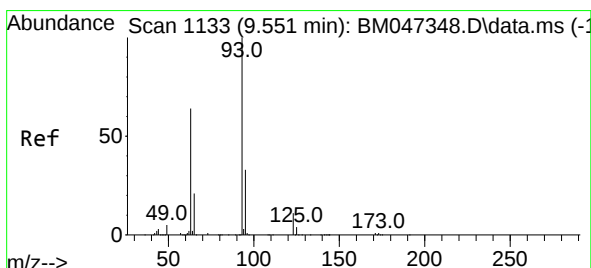
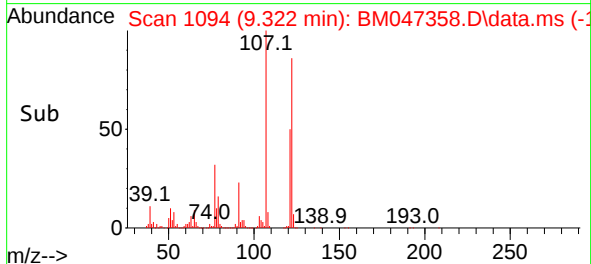
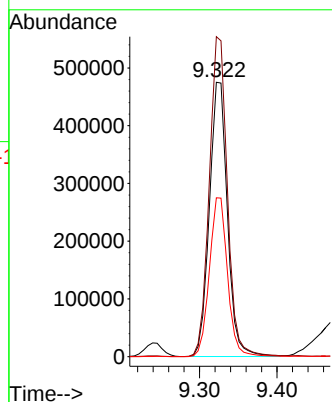
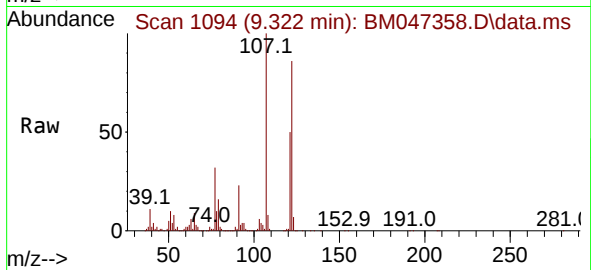




#27
2,4-Dimethylphenol
Concen: 49.810 ng
RT: 9.322 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

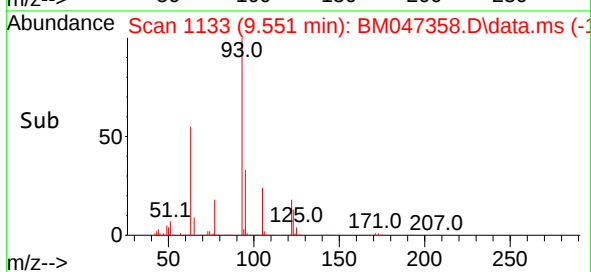
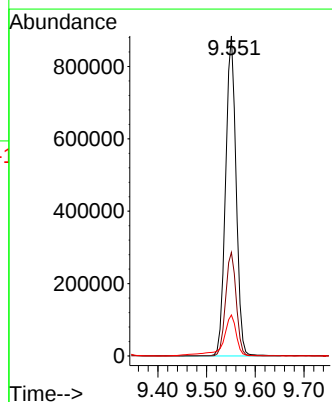
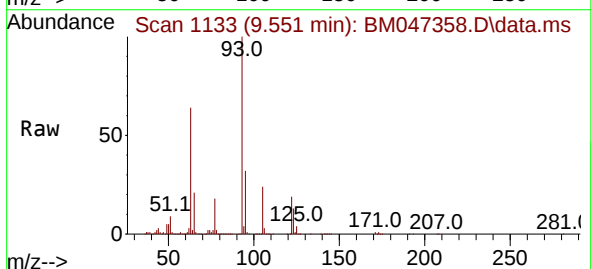
Instrument :
BNA_M
ClientSampleId :
PB162574BS

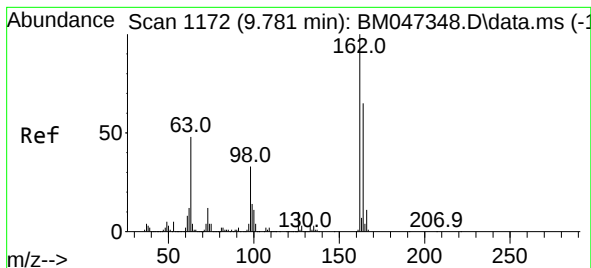
Tgt Ion:122 Resp: 770502
Ion Ratio Lower Upper
122 100
107 116.6 91.9 137.9
121 57.9 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.569 ng
RT: 9.551 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion: 93 Resp: 1334631
Ion Ratio Lower Upper
93 100
95 32.4 26.6 39.8
123 12.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 47.885 ng

RT: 9.780 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Instrument :

BNA_M

ClientSampleId :

PB162574BS

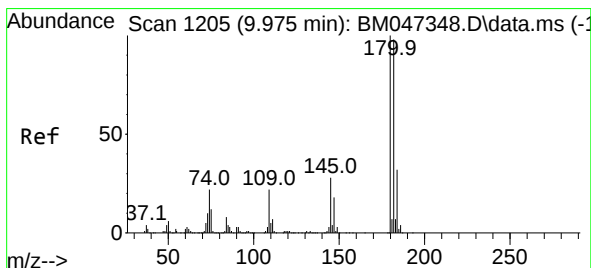
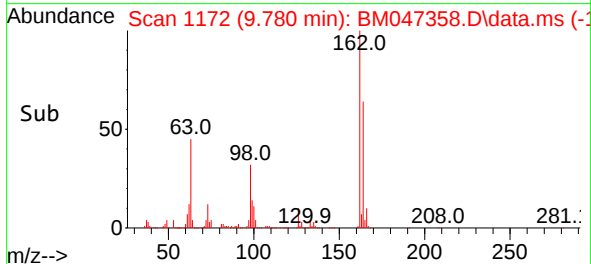
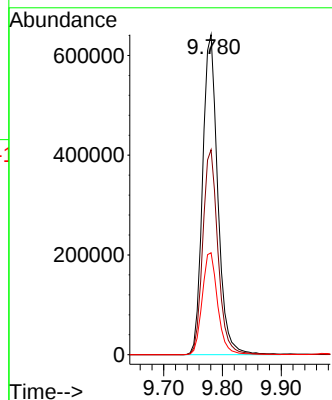
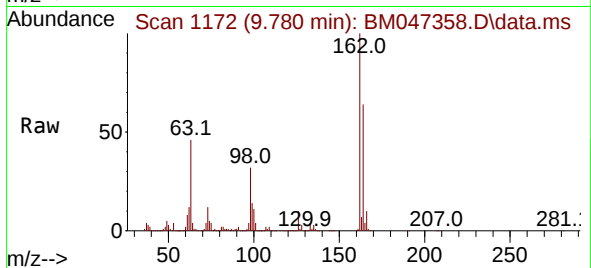
Tgt Ion:162 Resp: 1149062

Ion Ratio Lower Upper

162 100

164 64.1 44.6 84.6

98 31.8 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 41.751 ng

RT: 9.975 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

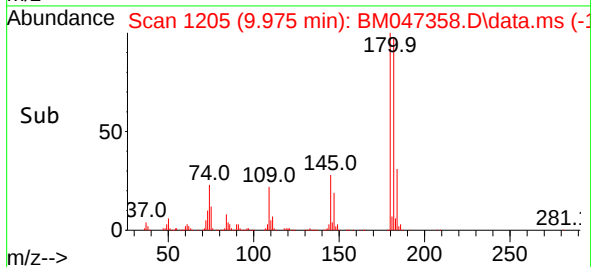
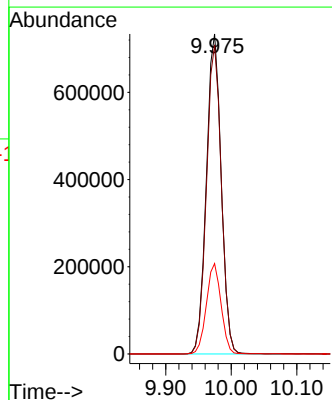
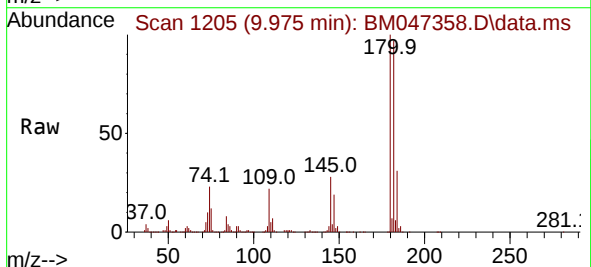
Tgt Ion:180 Resp: 1157177

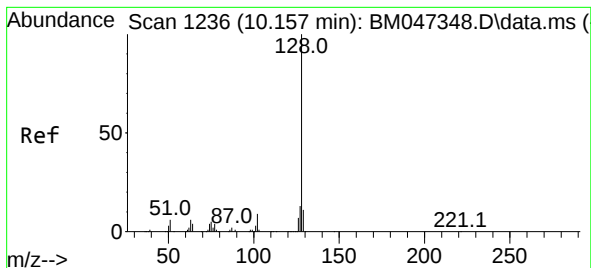
Ion Ratio Lower Upper

180 100

182 96.6 78.2 117.2

145 28.3 22.3 33.5

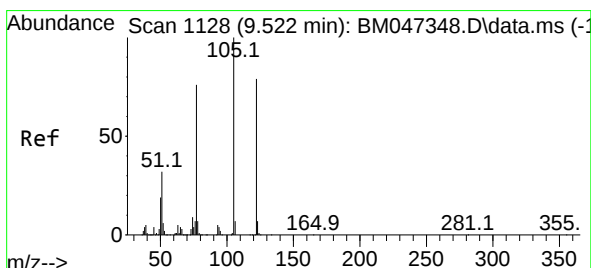
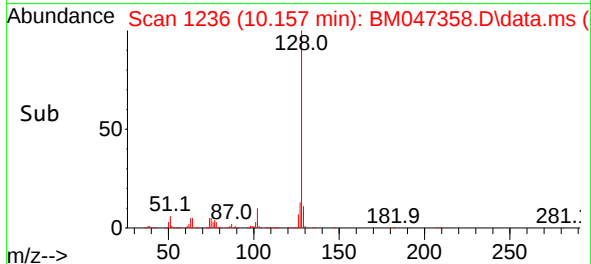
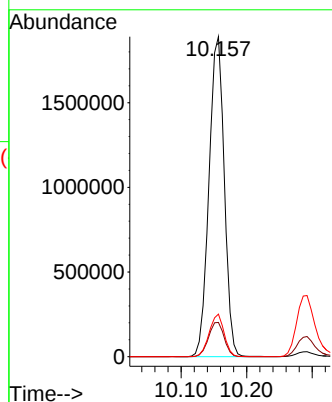
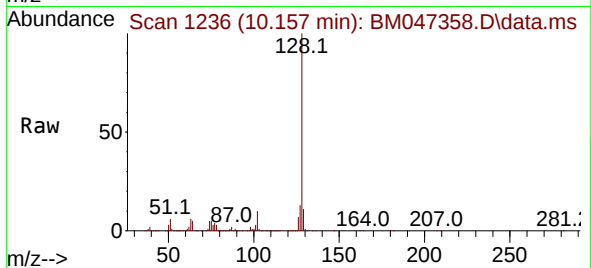




#31
Naphthalene
Concen: 41.709 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

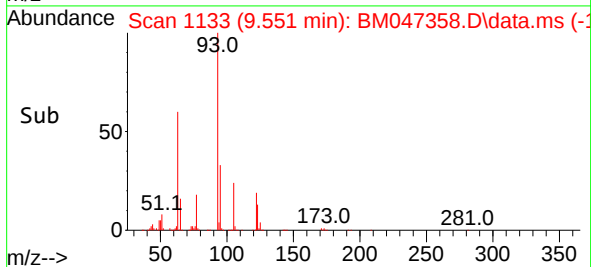
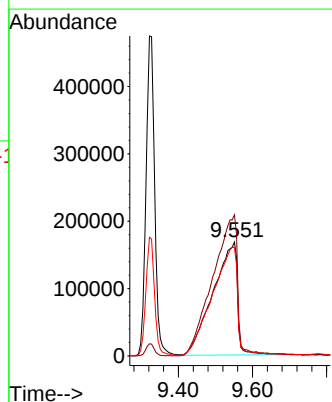
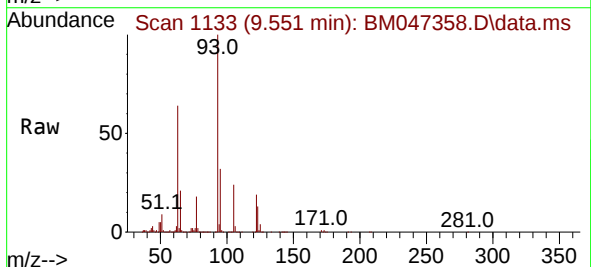
Instrument :
BNA_M
ClientSampleId :
PB162574BS

Tgt Ion:128 Resp: 3061993
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 41.596 ng
RT: 9.551 min Scan# 1133
Delta R.T. 0.029 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:122 Resp: 768331
Ion Ratio Lower Upper
122 100
105 123.9 106.0 146.0
77 95.2 76.3 116.3

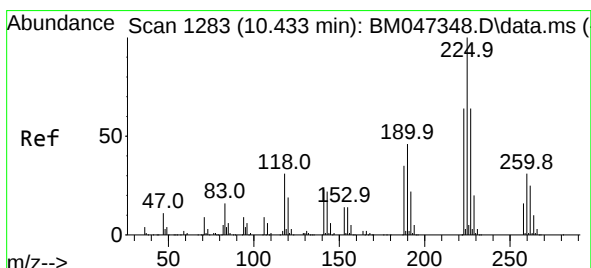
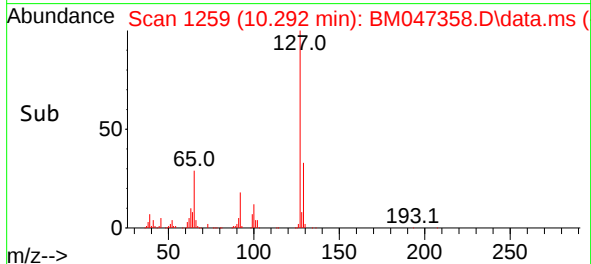
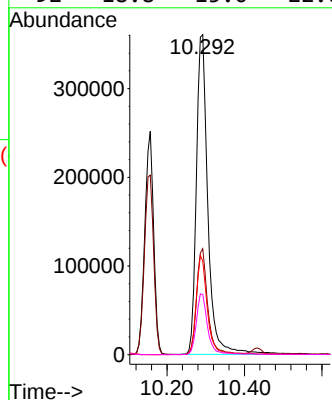
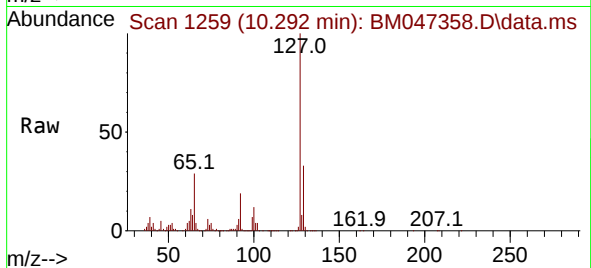




#33
4-Chloroaniline
Concen: 27.272 ng
RT: 10.292 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

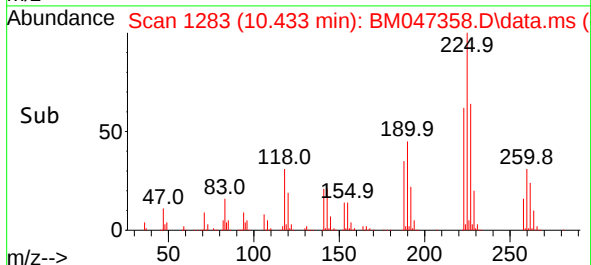
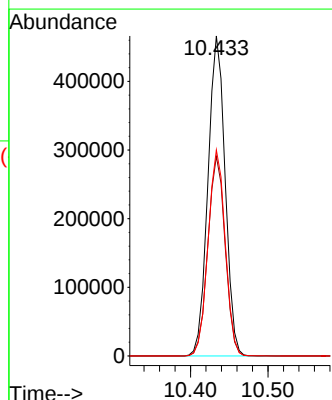
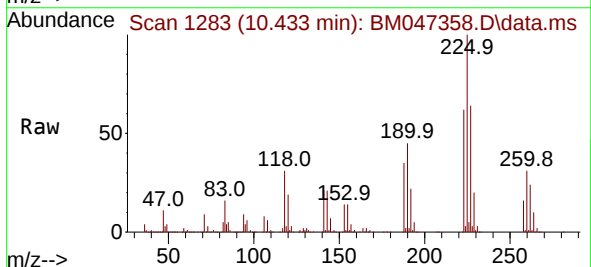
Instrument :
BNA_M
ClientSampleId :
PB162574BS

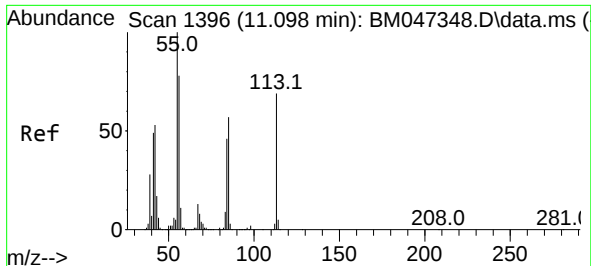
Tgt Ion:	127	Resp:	744453
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.8
65	29.2	24.2	36.2
92	18.8	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.379 ng
RT: 10.433 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:	225	Resp:	716259
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.1	76.7
227	64.4	51.0	76.6

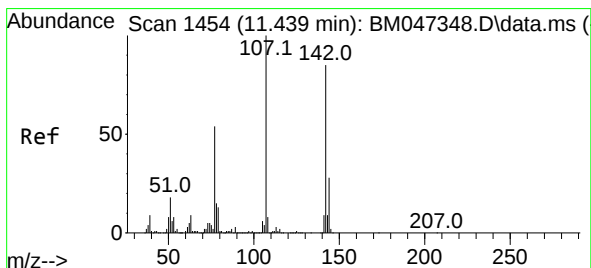
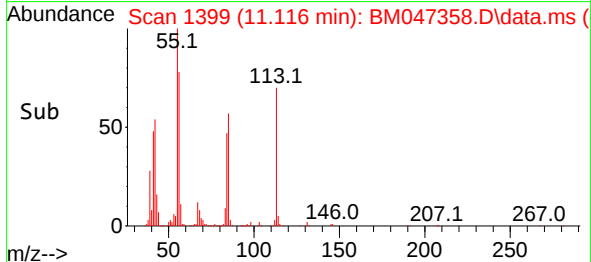
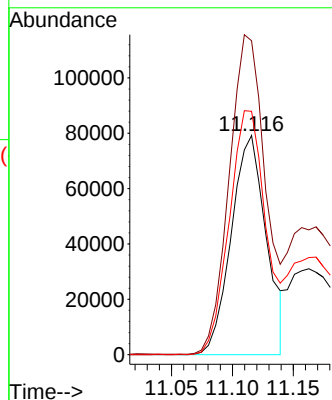
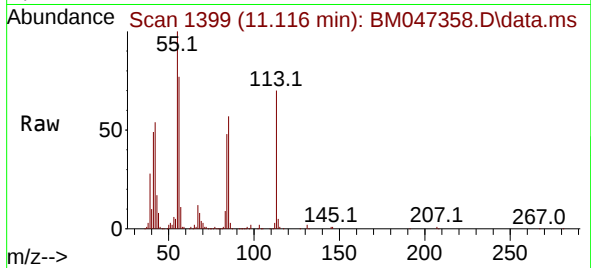




#35
Caprolactam
Concen: 20.372 ng
RT: 11.116 min Scan# 1116
Delta R.T. 0.018 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

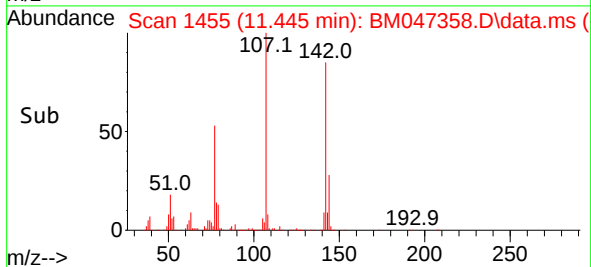
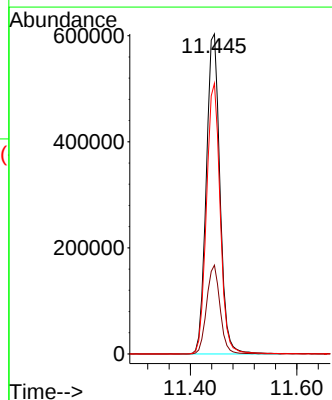
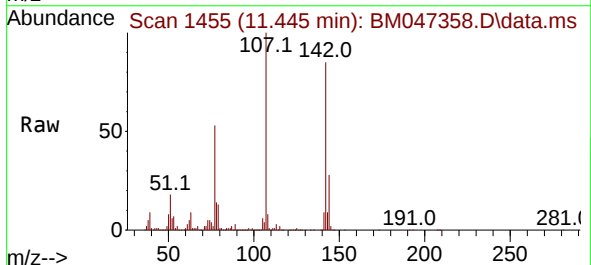
Instrument :
BNA_M
ClientSampleId :
PB162574BS

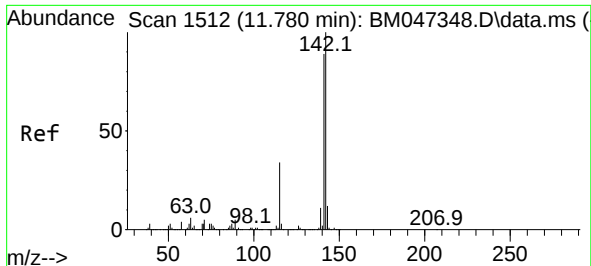
Tgt Ion:113 Resp: 158363
Ion Ratio Lower Upper
113 100
55 143.3 126.2 166.2
56 111.0 93.2 133.2



#36
4-Chloro-3-methylphenol
Concen: 44.072 ng
RT: 11.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:107 Resp: 1073959
Ion Ratio Lower Upper
107 100
144 27.7 22.2 33.4
142 84.5 67.7 101.5

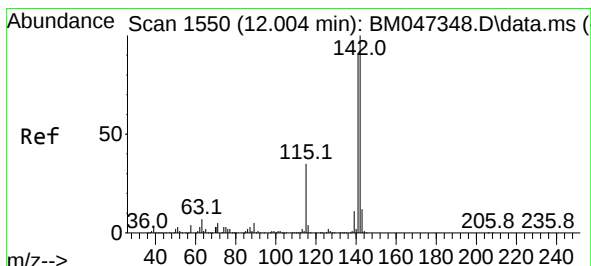
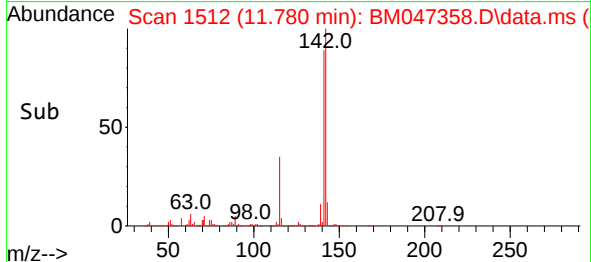
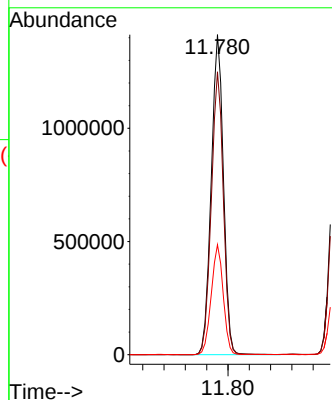
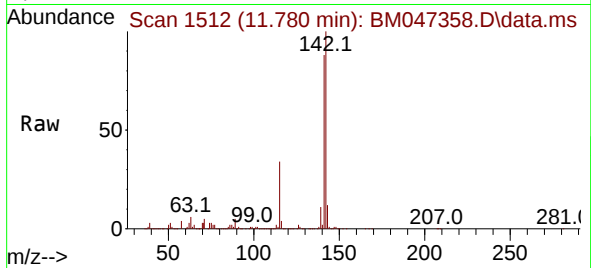




#37
2-Methylnaphthalene
Concen: 42.001 ng
RT: 11.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

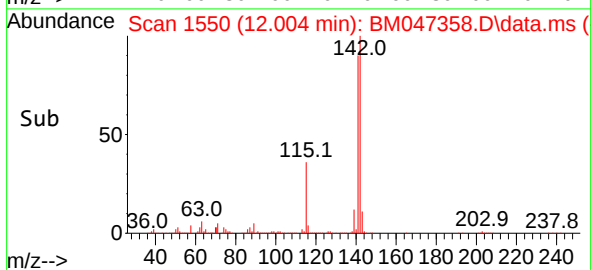
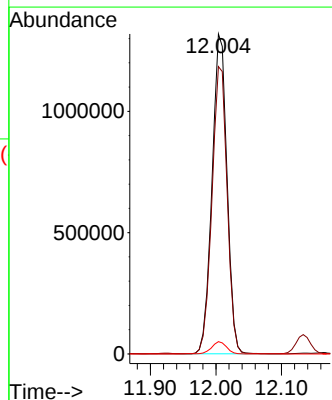
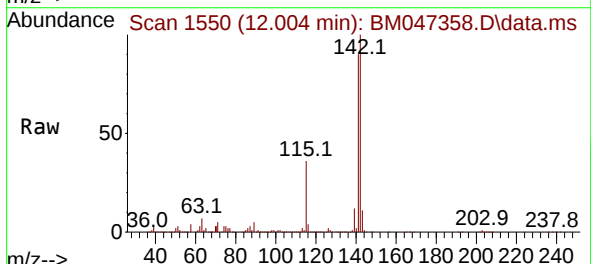
Instrument :
BNA_M
ClientSampleId :
PB162574BS

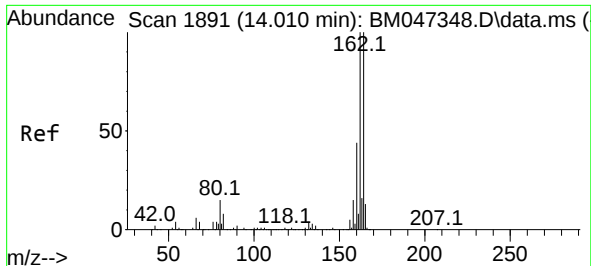
Tgt Ion:142 Resp: 2248245
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2
115 34.3 27.5 41.3



#38
1-Methylnaphthalene
Concen: 39.449 ng
RT: 12.004 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

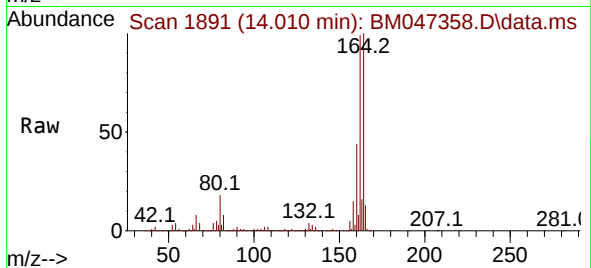
Tgt Ion:142 Resp: 2088451
Ion Ratio Lower Upper
142 100
141 89.8 72.9 109.3
116 3.8 3.0 4.6



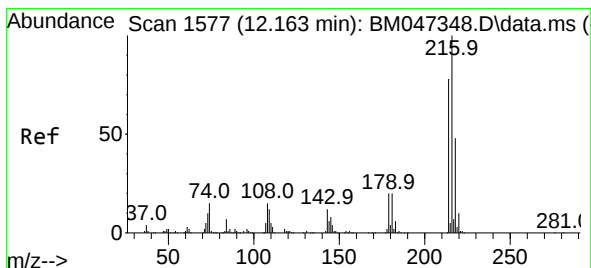
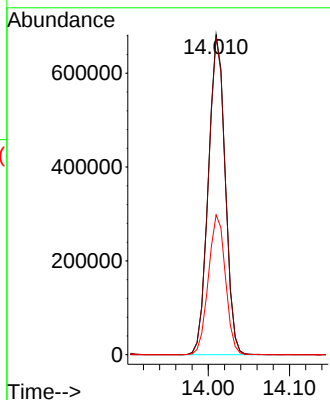
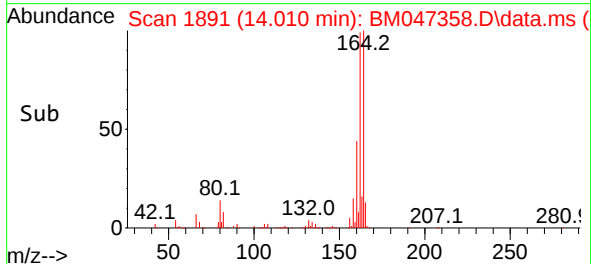


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

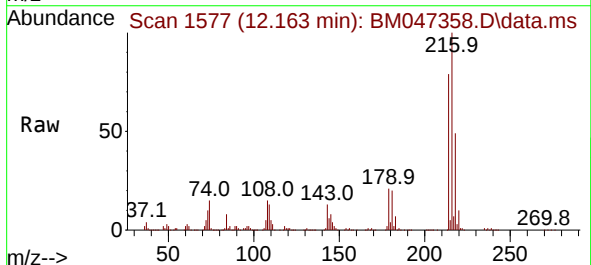
Instrument :
BNA_M
ClientSampleId :
PB162574BS



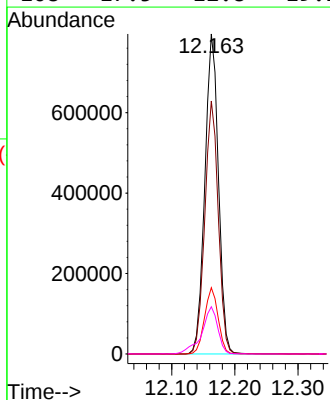
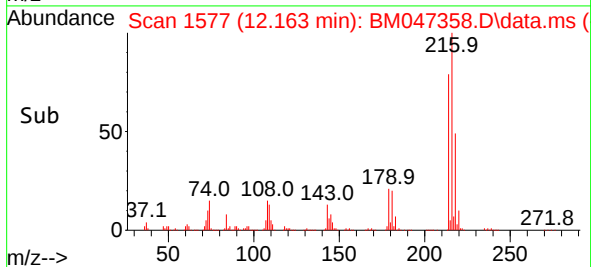
Tgt Ion:164 Resp: 980204
Ion Ratio Lower Upper
164 100
162 99.3 79.7 119.5
160 43.7 34.9 52.3

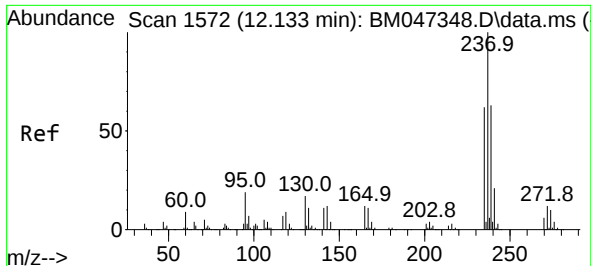


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.987 ng
RT: 12.163 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13



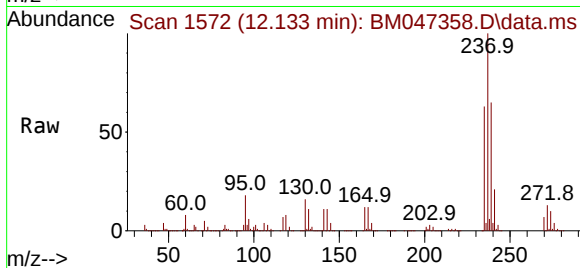
Tgt Ion:216 Resp: 1189664
Ion Ratio Lower Upper
216 100
214 78.6 62.6 94.0
179 20.6 16.6 24.8
108 17.5 12.8 19.2



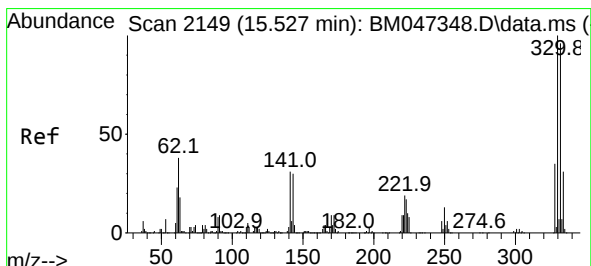
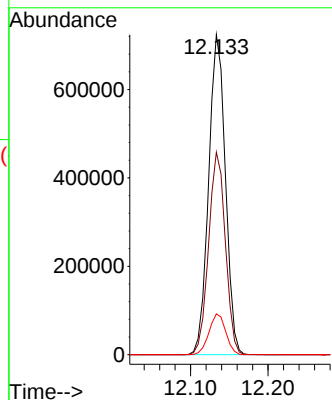
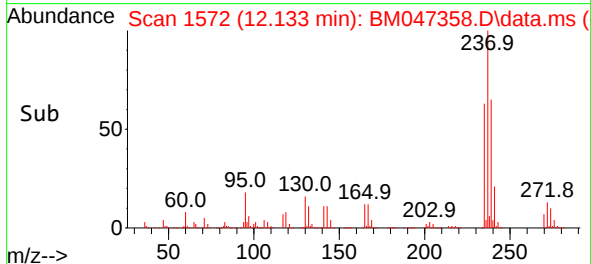


#41
Hexachlorocyclopentadiene
Concen: 118.621 ng
RT: 12.133 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

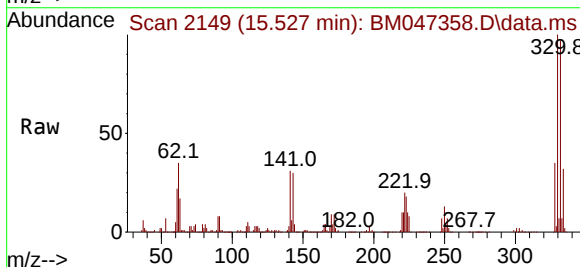
Instrument :
BNA_M
ClientSampleId :
PB162574BS



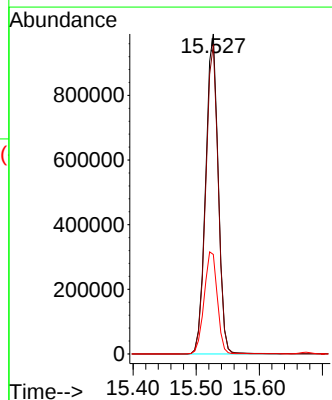
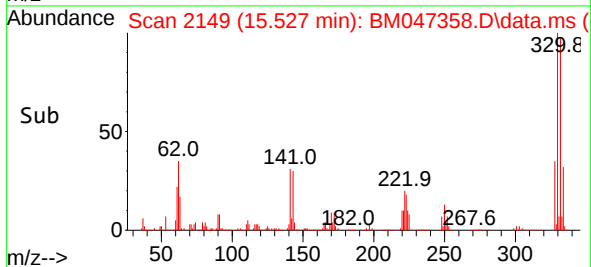
Tgt Ion:237 Resp: 1086651
Ion Ratio Lower Upper
237 100
235 63.3 42.1 82.1
272 12.7 0.0 32.3

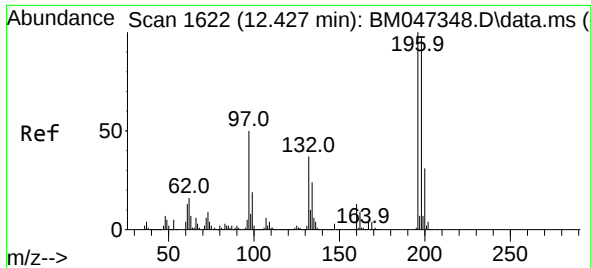


#42
2,4,6-Tribromophenol
Concen: 115.542 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13



Tgt Ion:330 Resp: 1366398
Ion Ratio Lower Upper
330 100
332 96.4 77.2 115.8
141 33.6 27.6 41.4

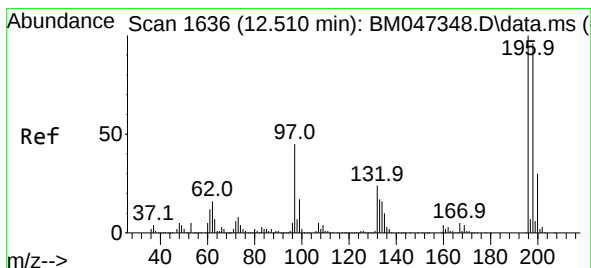
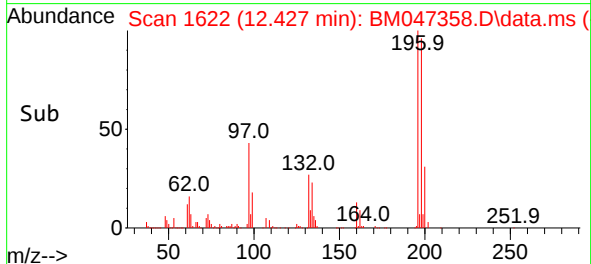
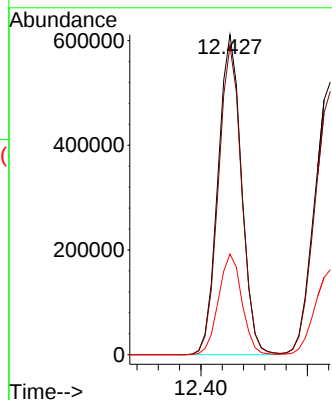
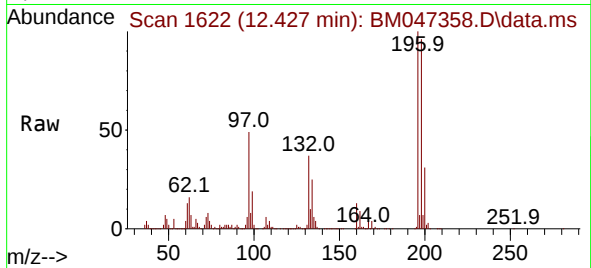




#43
2,4,6-Trichlorophenol
Concen: 46.947 ng
RT: 12.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

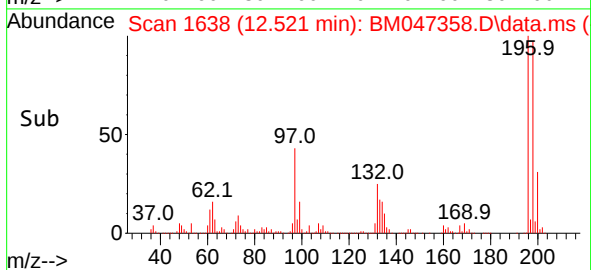
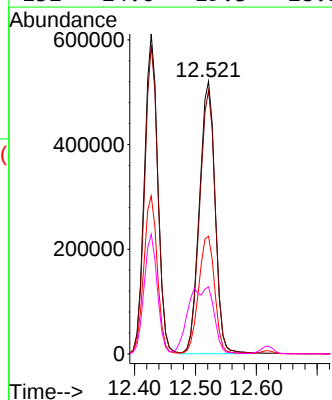
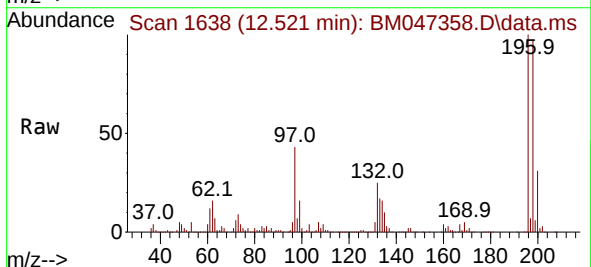
Instrument :
BNA_M
ClientSampleId :
PB162574BS

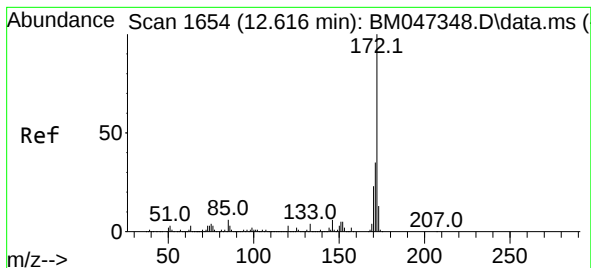
Tgt Ion:196 Resp: 934133
Ion Ratio Lower Upper
196 100
198 96.5 78.2 117.2
200 31.4 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 42.198 ng
RT: 12.521 min Scan# 1638
Delta R.T. 0.012 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:196 Resp: 932472
Ion Ratio Lower Upper
196 100
198 96.6 76.6 115.0
97 43.2 35.9 53.9
132 24.6 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 80.231 ng

RT: 12.621 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Instrument :

BNA_M

ClientSampleId :

PB162574BS

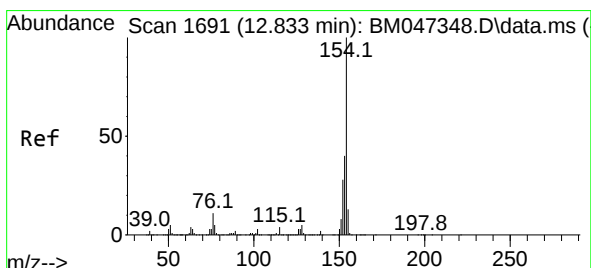
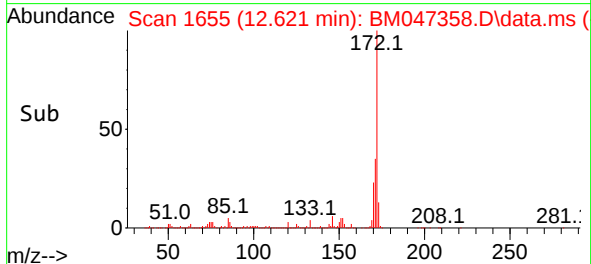
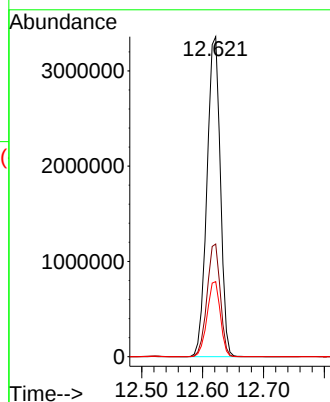
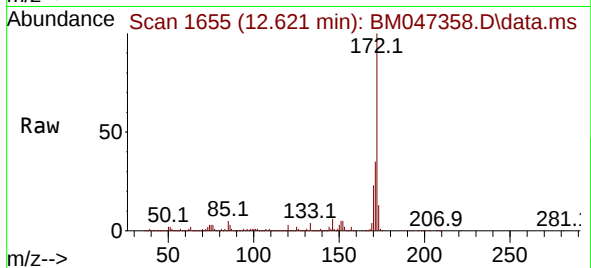
Tgt Ion:172 Resp: 5118299

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

170 23.5 18.5 27.7



#46

1,1'-Biphenyl

Concen: 39.755 ng

RT: 12.833 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

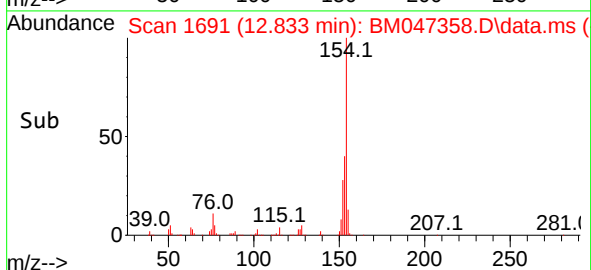
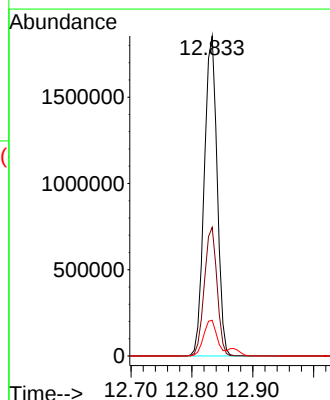
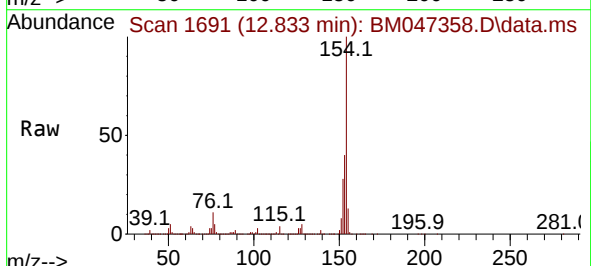
Tgt Ion:154 Resp: 2720980

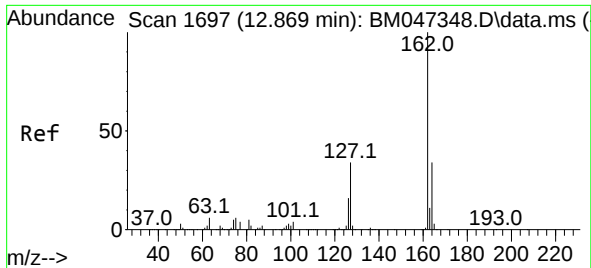
Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

76 11.1 0.0 31.2

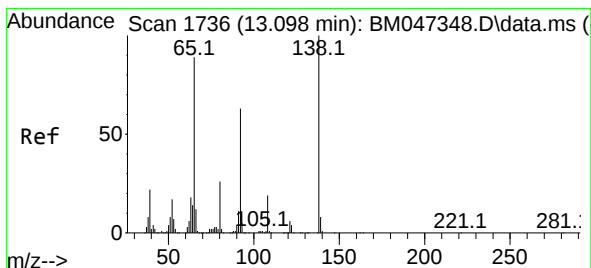
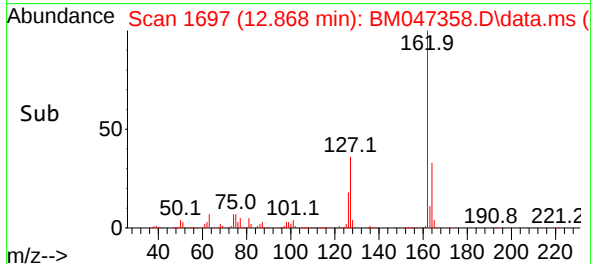
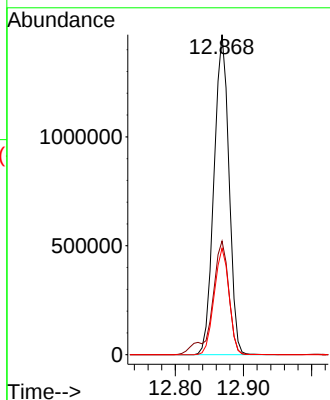
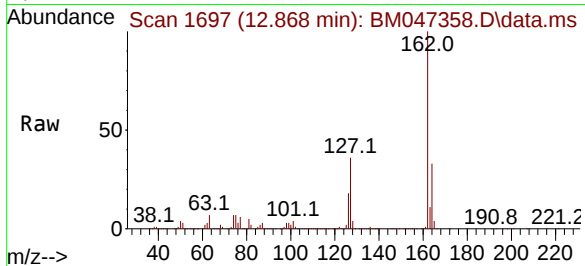




#47
2-Chloronaphthalene
Concen: 41.905 ng
RT: 12.868 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

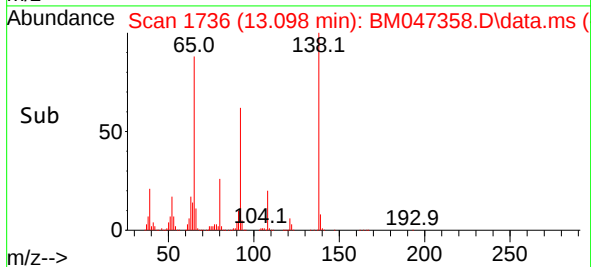
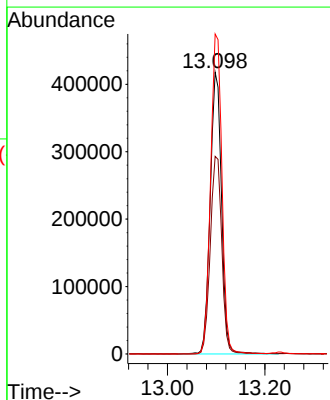
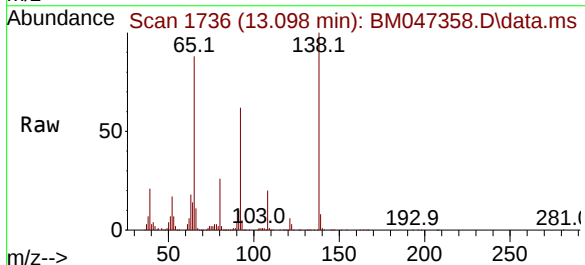
Instrument :
BNA_M
ClientSampleId :
PB162574BS

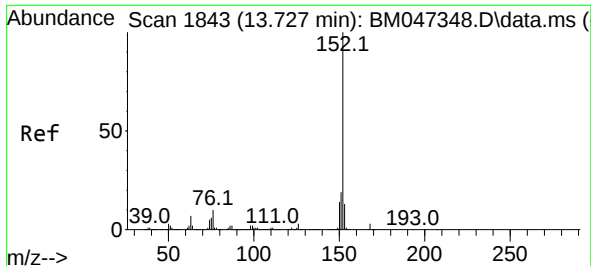
Tgt Ion:162 Resp: 2247631
Ion Ratio Lower Upper
162 100
127 35.5 28.3 42.5
164 33.3 27.0 40.4



#48
2-Nitroaniline
Concen: 44.803 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion: 65 Resp: 673133
Ion Ratio Lower Upper
65 100
92 70.2 57.0 85.6
138 113.7 90.0 135.0

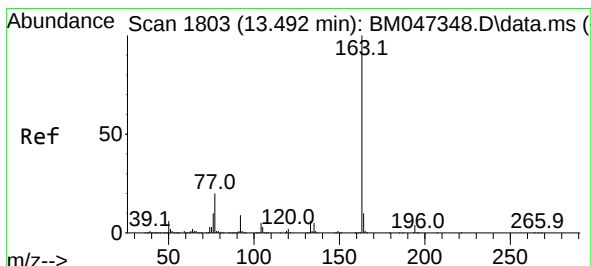
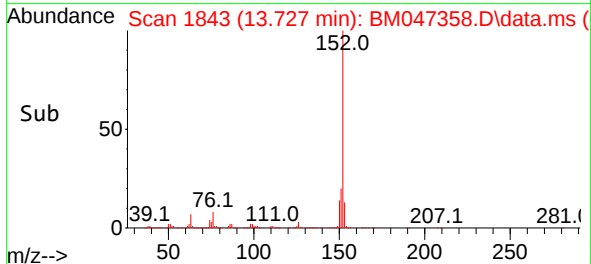
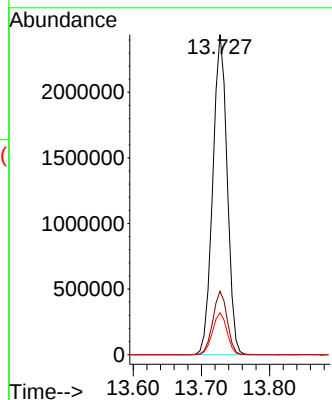
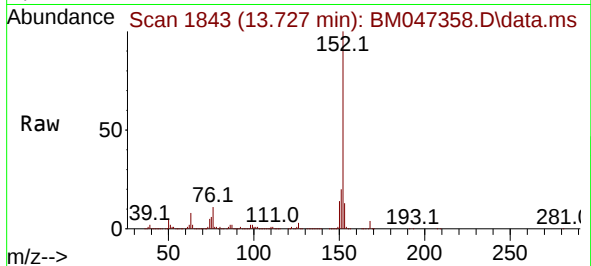




#49
Acenaphthylene
Concen: 46.007 ng
RT: 13.727 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

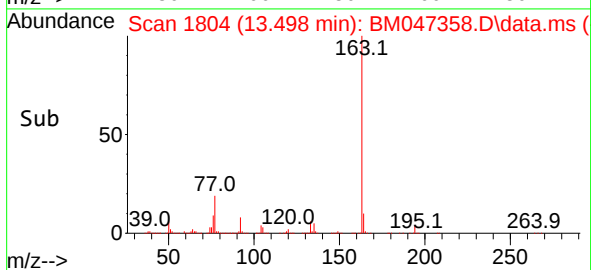
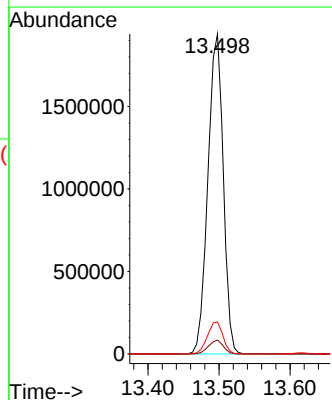
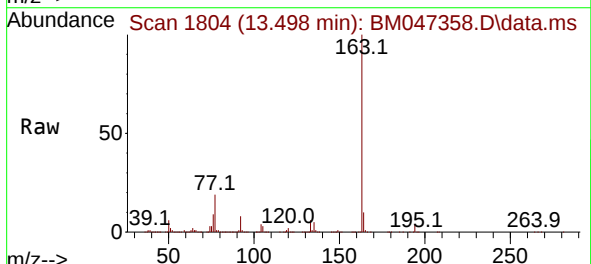
Instrument :
BNA_M
ClientSampleId :
PB162574BS

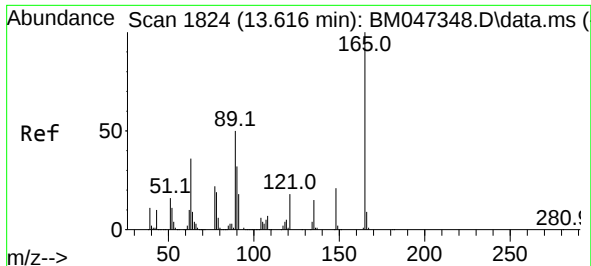
Tgt Ion:152 Resp: 3586374
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.0
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 43.237 ng
RT: 13.498 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:163 Resp: 2920240
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.0 8.2 12.4

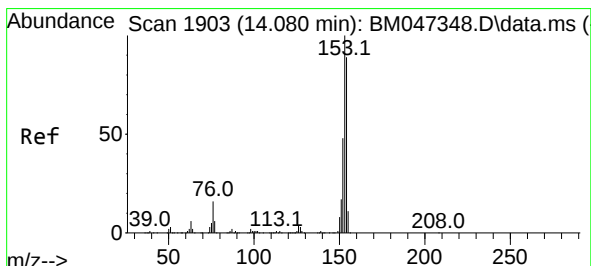
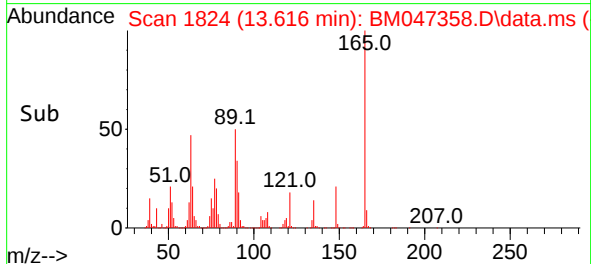
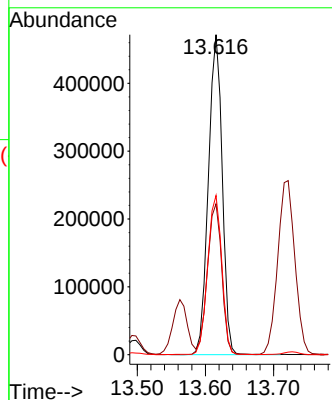
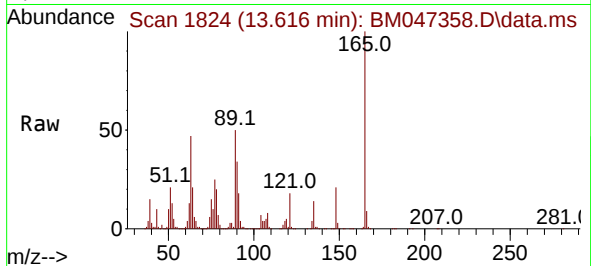




#51
2,6-Dinitrotoluene
Concen: 42.297 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

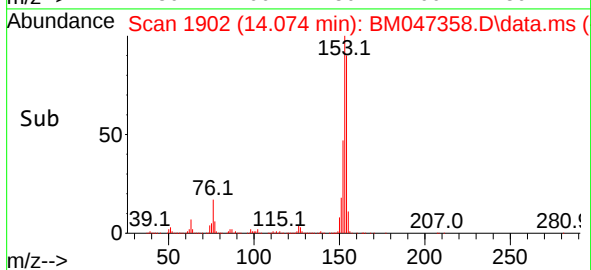
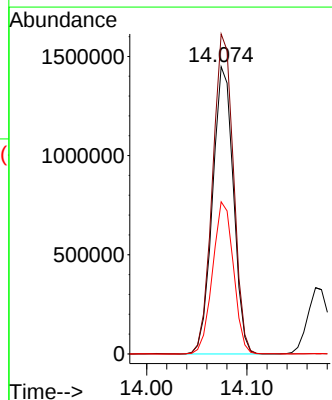
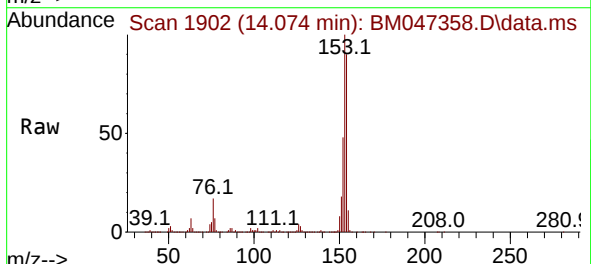
Instrument :
BNA_M
ClientSampleId :
PB162574BS

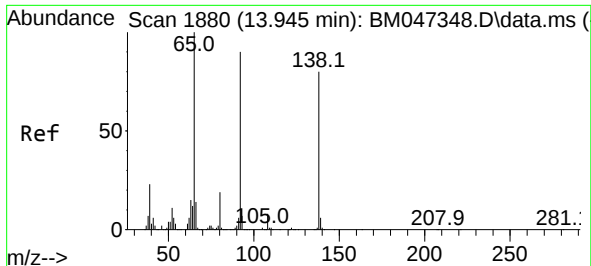
Tgt Ion:165 Resp: 665128
Ion Ratio Lower Upper
165 100
63 47.2 38.2 57.4
89 49.7 40.4 60.6



#52
Acenaphthene
Concen: 42.241 ng
RT: 14.074 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:154 Resp: 2090330
Ion Ratio Lower Upper
154 100
153 111.4 89.5 134.3
152 53.0 43.0 64.4

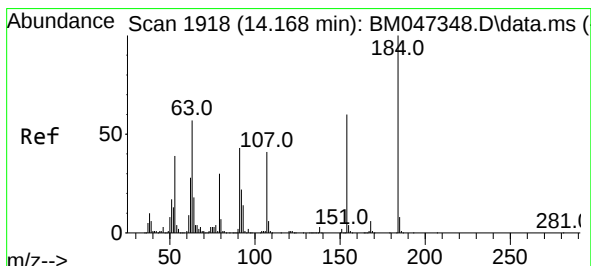
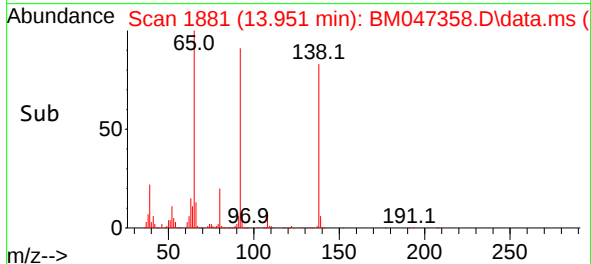
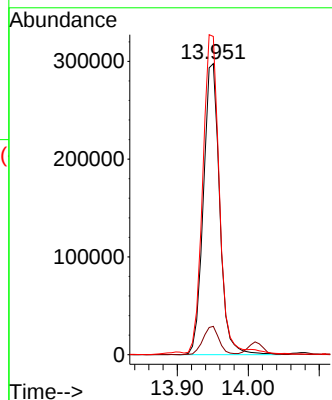
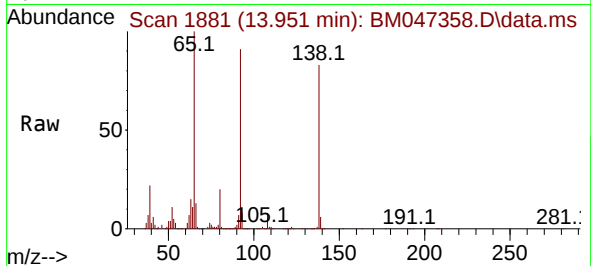




#53
3-Nitroaniline
Concen: 32.854 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

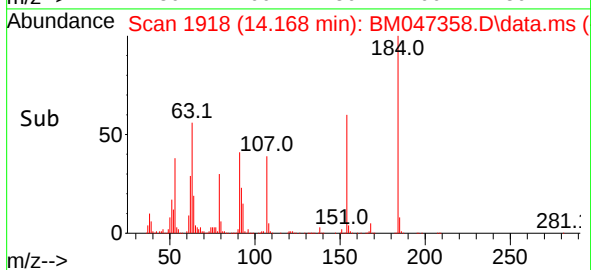
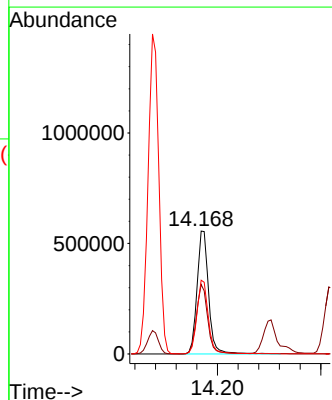
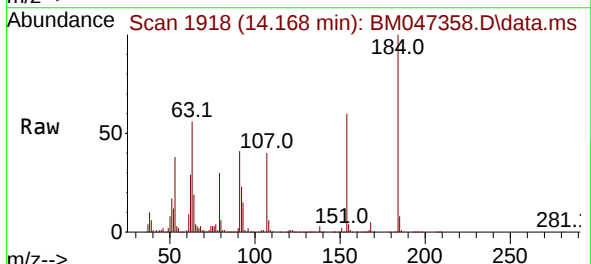
Instrument :
BNA_M
ClientSampleId :
PB162574BS

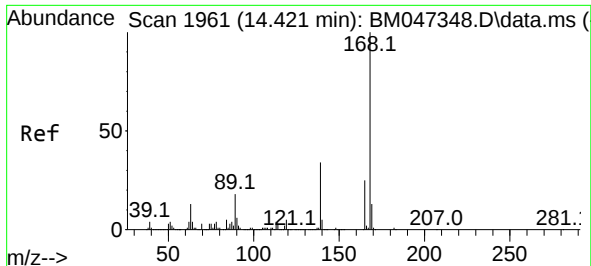
Tgt Ion:138 Resp: 476733
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 109.3 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 89.369 ng
RT: 14.168 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:184 Resp: 865465
Ion Ratio Lower Upper
184 100
63 56.5 45.7 68.5
154 60.0 48.5 72.7

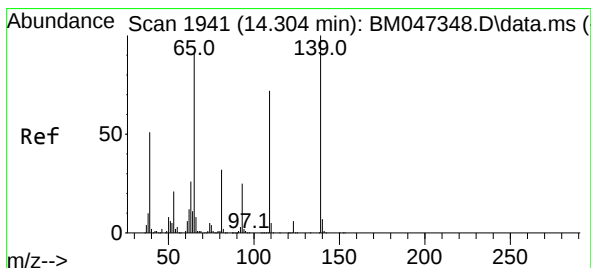
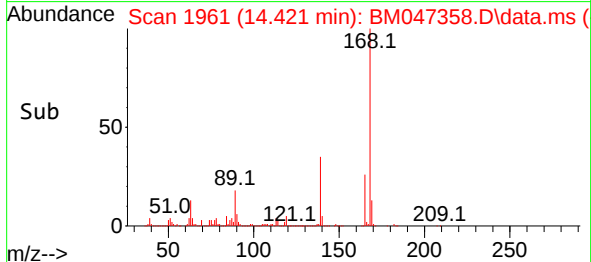
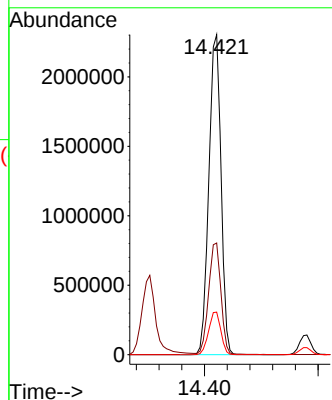
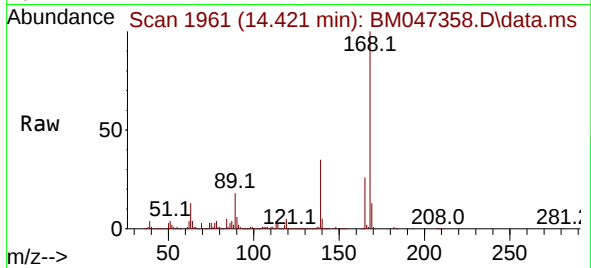




#55
Dibenzofuran
Concen: 42.655 ng
RT: 14.421 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

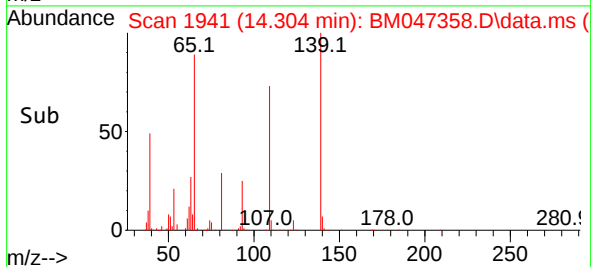
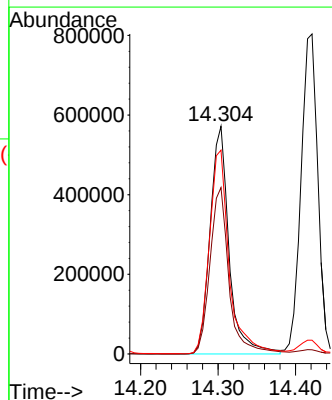
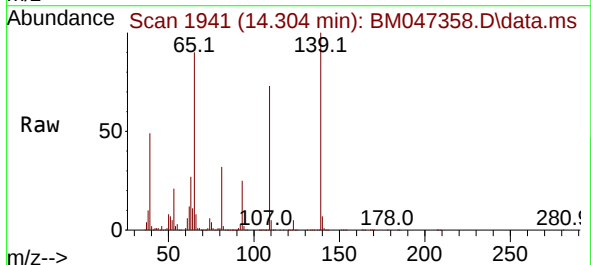
Instrument :
BNA_M
ClientSampleId :
PB162574BS

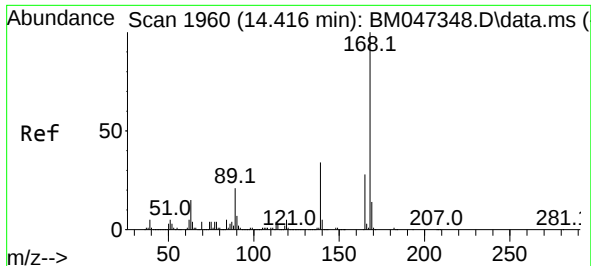
Tgt Ion:168 Resp: 3399942
Ion Ratio Lower Upper
168 100
139 34.9 27.5 41.3
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 85.608 ng
RT: 14.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:139 Resp: 971025
Ion Ratio Lower Upper
139 100
109 73.1 51.6 91.6
65 89.5 71.7 111.7

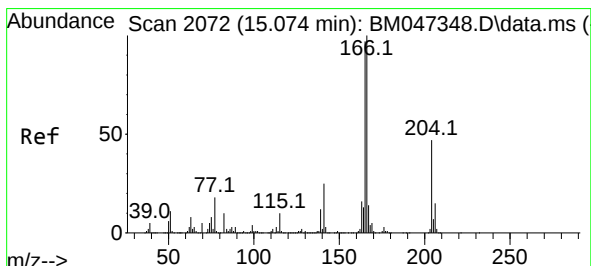
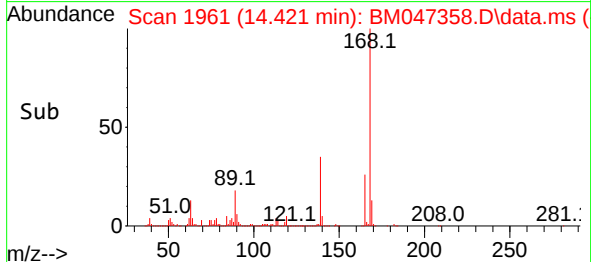
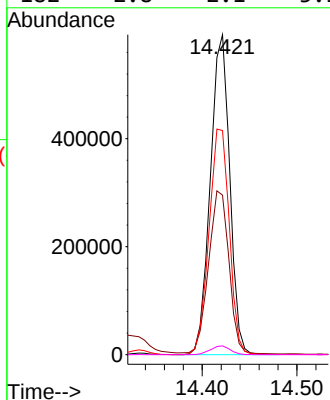
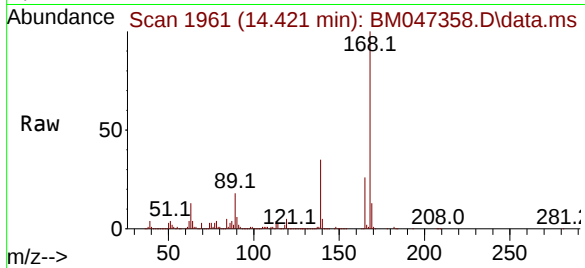




#57
2,4-Dinitrotoluene
Concen: 41.476 ng
RT: 14.421 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

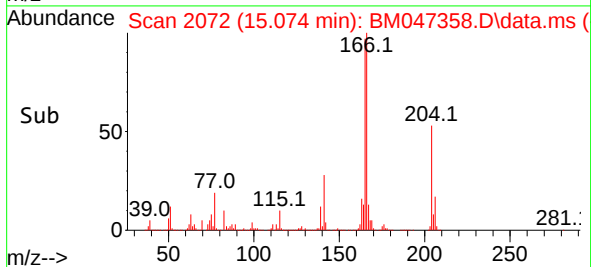
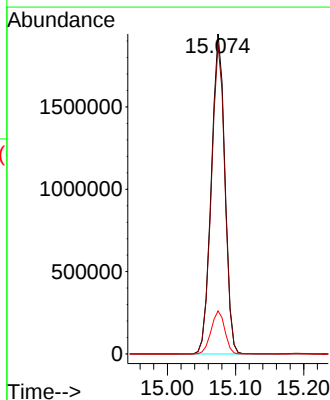
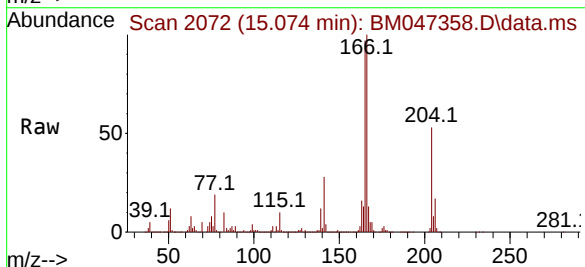
Instrument :
BNA_M
ClientSampleId :
PB162574BS

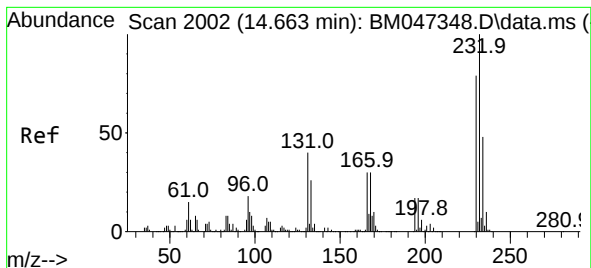
Tgt Ion:165	Resp:	844307	
Ion	Ratio	Lower	Upper
165	100		
63	49.9	42.2	63.4
89	70.1	59.3	88.9
182	2.8	2.1	3.1



#58
Fluorene
Concen: 41.771 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:166	Resp:	2694636	
Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.6
167	13.5	11.1	16.7

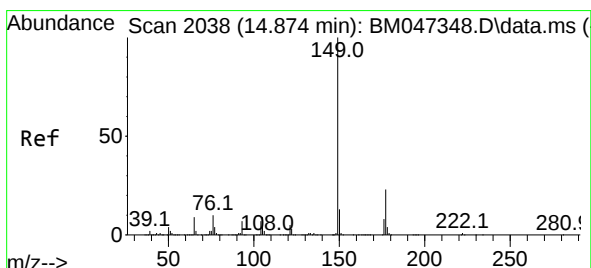
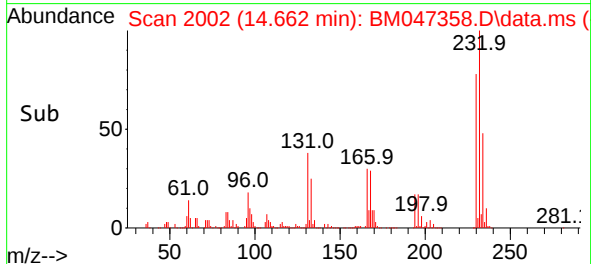
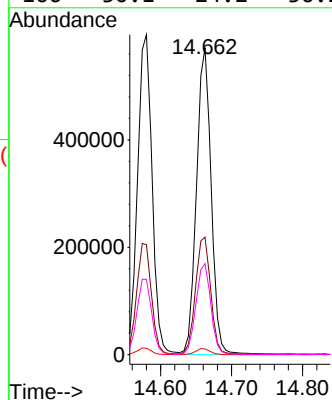
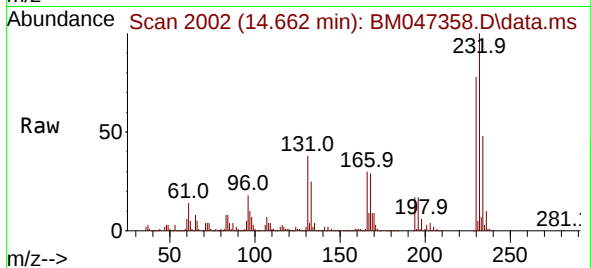




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.246 ng
RT: 14.662 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

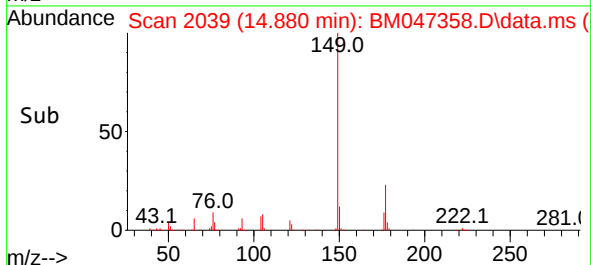
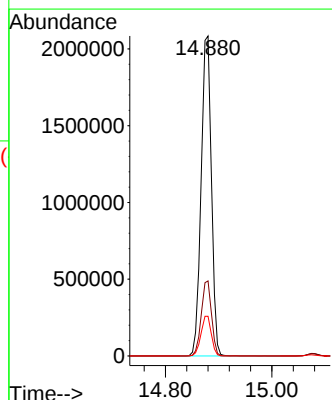
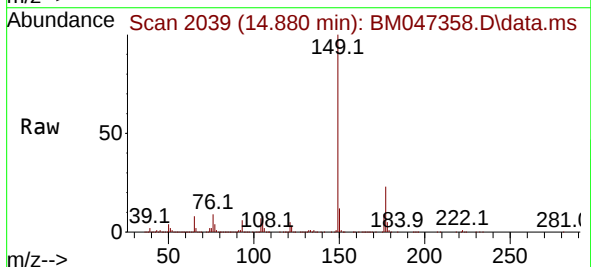
Instrument :
BNA_M
ClientSampleId :
PB162574BS

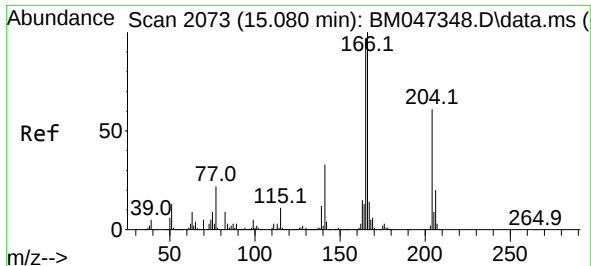
Tgt Ion:232 Resp: 821228
Ion Ratio Lower Upper
232 100
131 39.2 31.7 47.5
130 2.0 1.7 2.5
166 30.1 24.2 36.2



#60
Diethylphthalate
Concen: 41.945 ng
RT: 14.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:149 Resp: 2794459
Ion Ratio Lower Upper
149 100
177 23.4 18.6 28.0
150 12.4 10.2 15.4

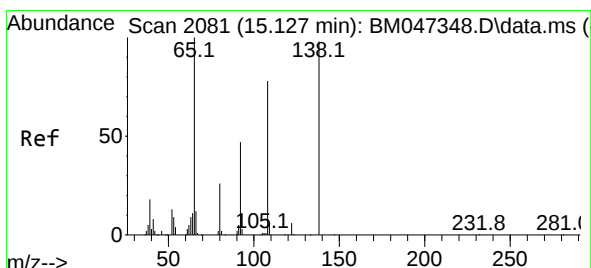
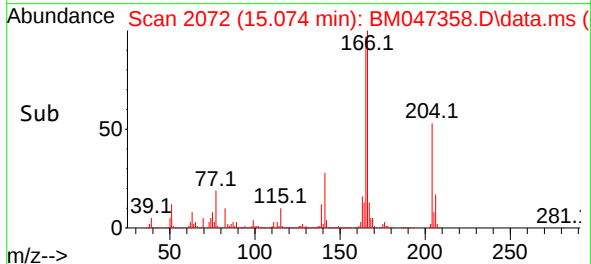
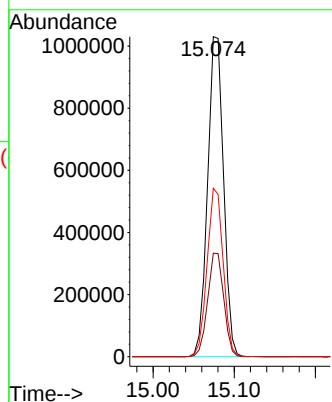
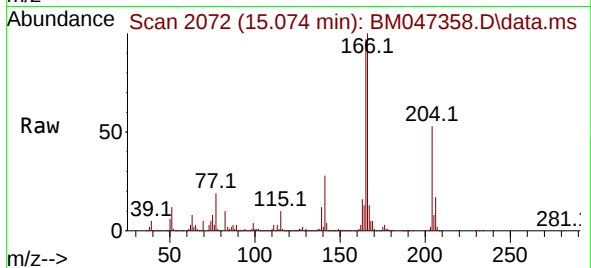




#61
4-Chlorophenyl-phenylether
Concen: 42.754 ng
RT: 15.074 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

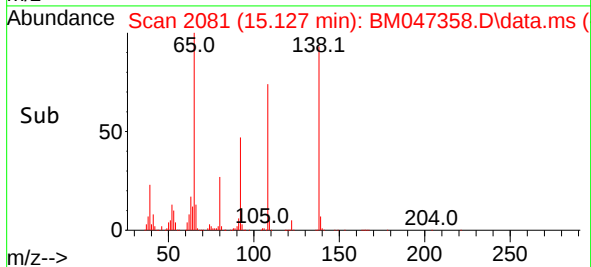
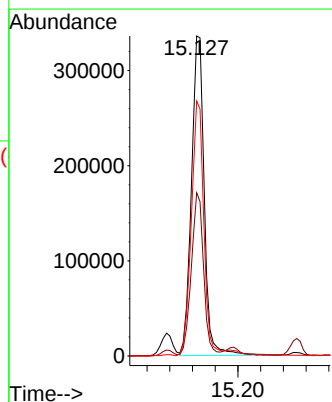
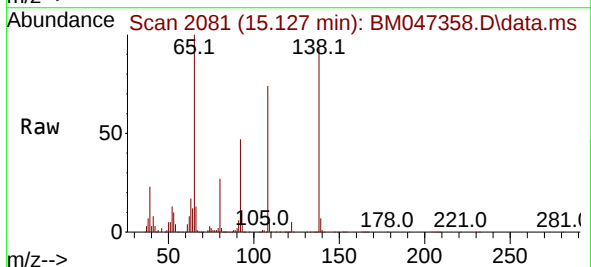
Instrument :
BNA_M
ClientSampleId :
PB162574BS

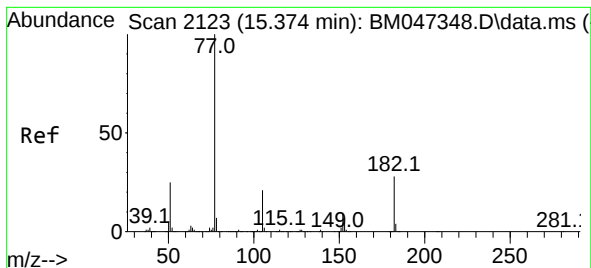
Tgt Ion:204 Resp: 1403031
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 52.6 42.8 64.2



#62
4-Nitroaniline
Concen: 39.257 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:138 Resp: 526952
Ion Ratio Lower Upper
138 100
92 51.0 27.9 67.9
108 79.7 58.7 98.7





#63

Azobenzene

Concen: 43.084 ng

RT: 15.374 min Scan# 2123

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Instrument :

BNA_M

ClientSampleId :

PB162574BS

Tgt Ion: 77 Resp: 2499555

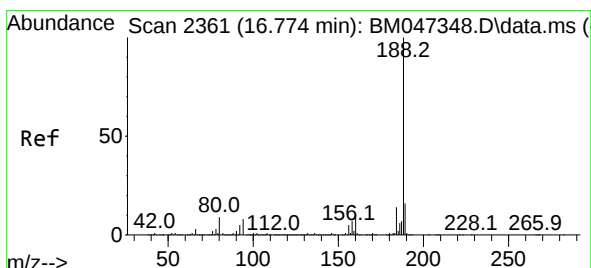
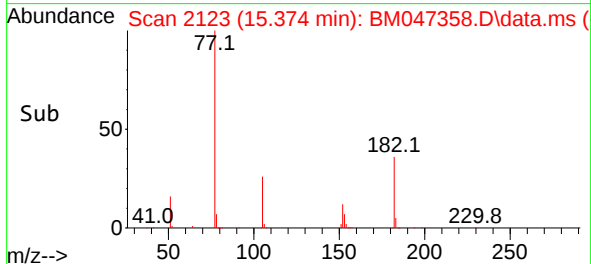
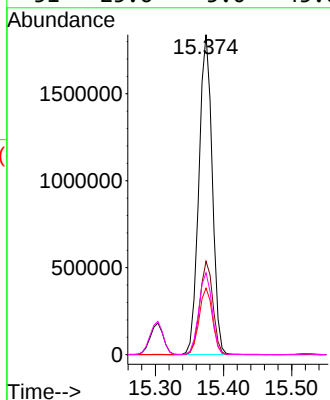
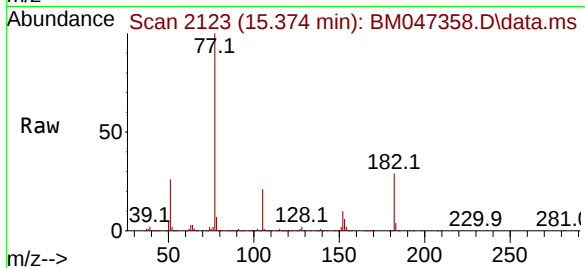
Ion Ratio Lower Upper

77 100

182 29.2 7.9 47.9

105 20.8 0.6 40.6

51 25.6 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: BM047358.D

Acq: 27 Aug 2024 11:13

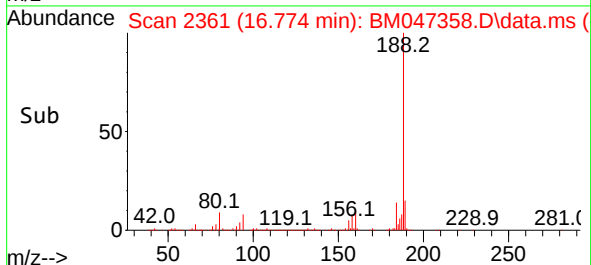
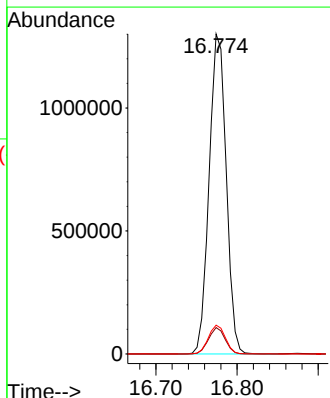
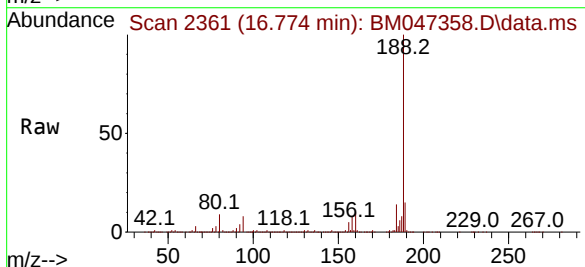
Tgt Ion: 188 Resp: 1899367

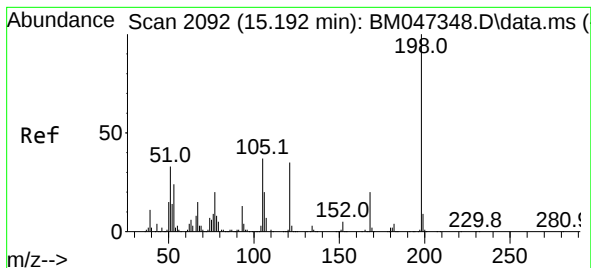
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.0 7.4 11.2

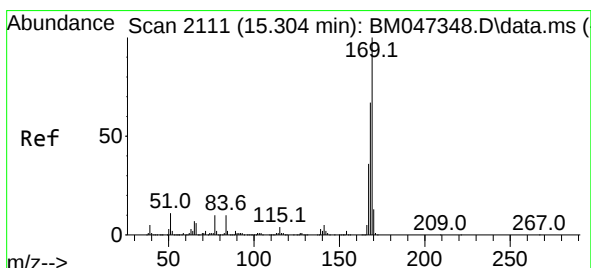
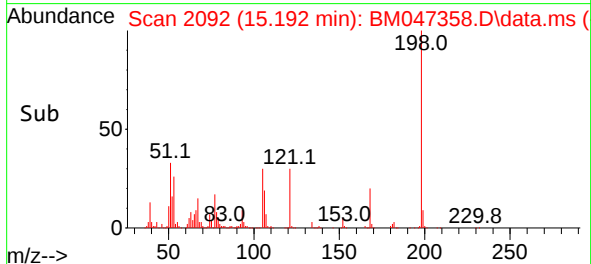
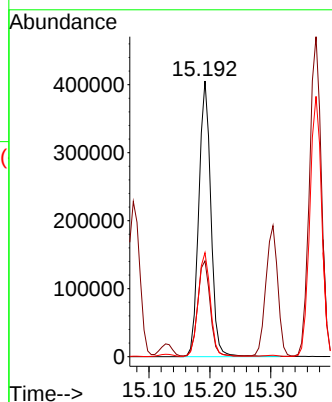
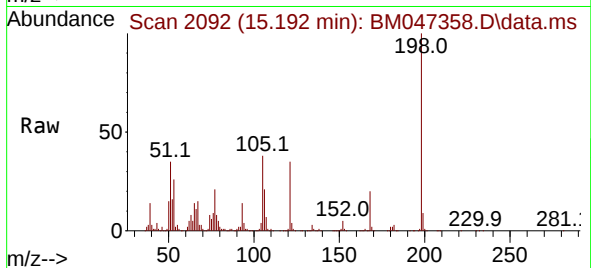




#65
4,6-Dinitro-2-methylphenol
Concen: 47.775 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

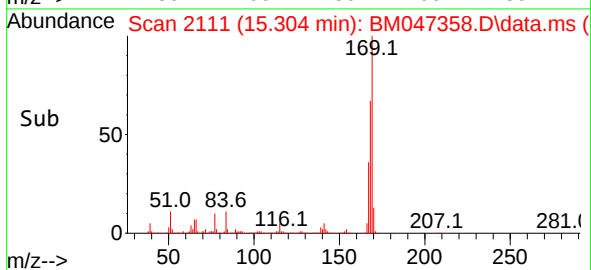
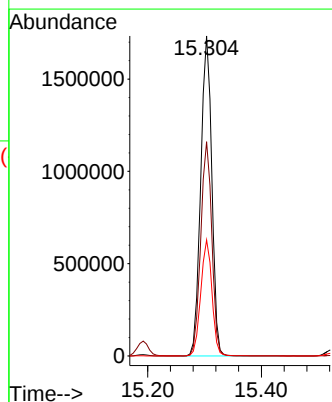
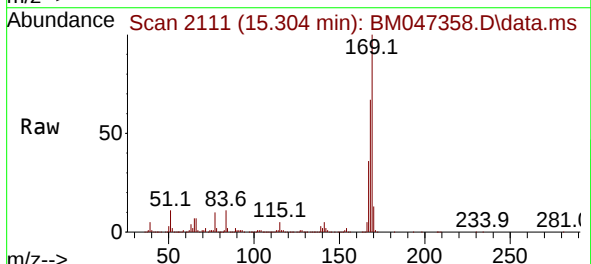
Instrument :
BNA_M
ClientSampleId :
PB162574BS

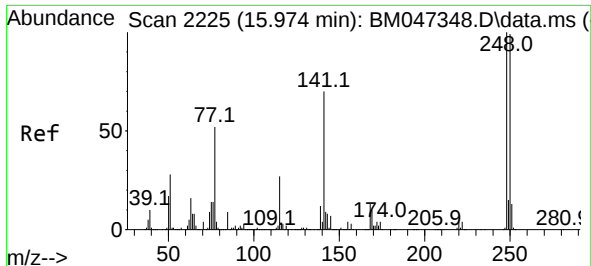
Tgt Ion:198 Resp: 556946
Ion Ratio Lower Upper
198 100
51 34.8 14.1 54.1
105 37.7 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 45.264 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:169 Resp: 2352455
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.0
167 36.3 29.0 43.4

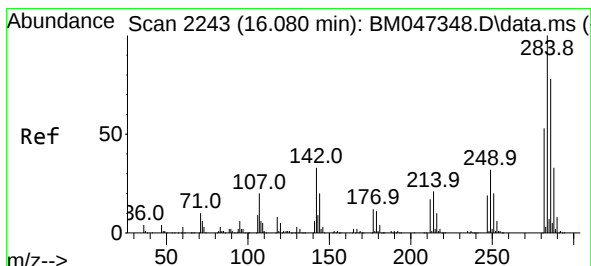
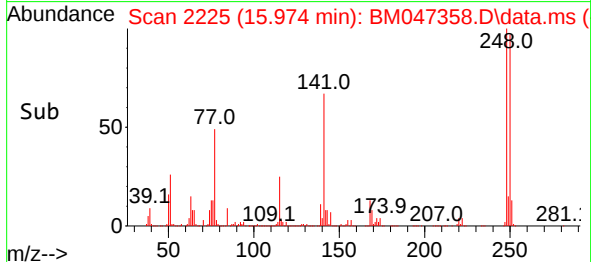
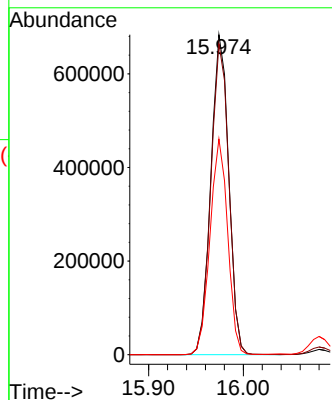
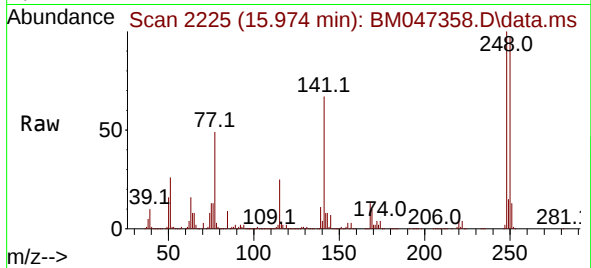




#67
4-Bromophenyl-phenylether
Concen: 44.727 ng
RT: 15.974 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

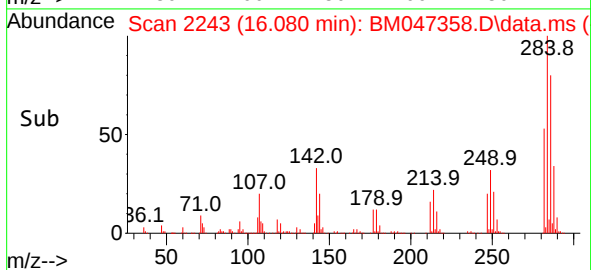
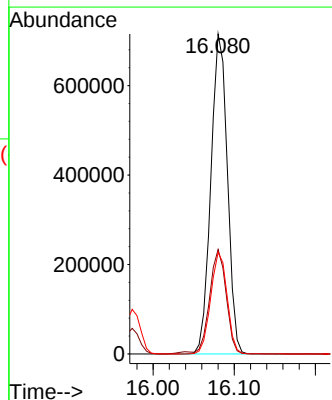
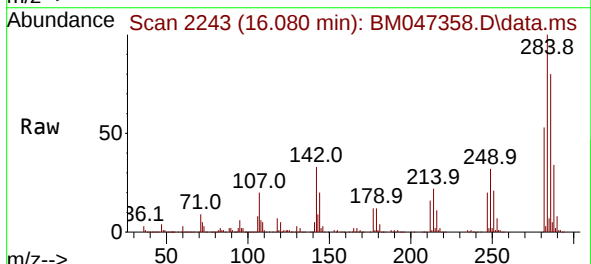
Instrument :
BNA_M
ClientSampleId :
PB162574BS

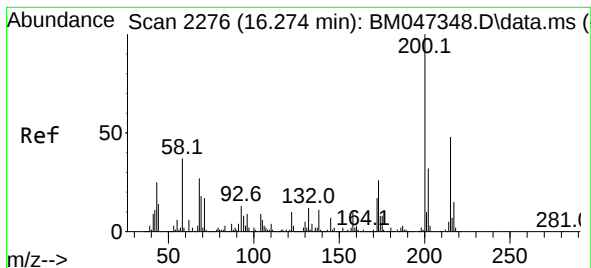
Tgt Ion:248 Resp: 896217
Ion Ratio Lower Upper
248 100
250 97.2 78.8 118.2
141 67.4 55.9 83.9



#68
Hexachlorobenzene
Concen: 43.597 ng
RT: 16.080 min Scan# 2243
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:284 Resp: 1008978
Ion Ratio Lower Upper
284 100
142 32.7 26.5 39.7
249 31.7 25.5 38.3





#69

Atrazine

Concen: 39.613 ng

RT: 16.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Instrument :

BNA_M

ClientSampleId :

PB162574BS

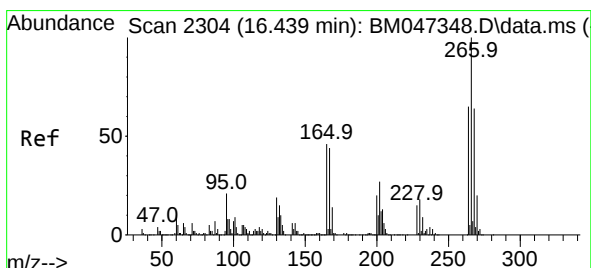
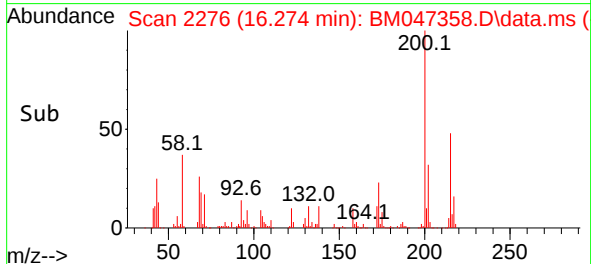
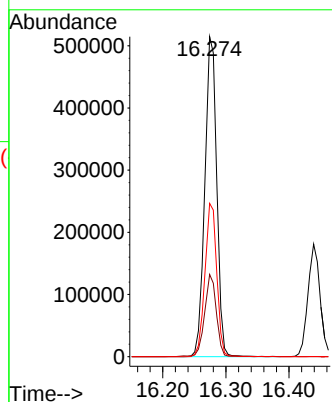
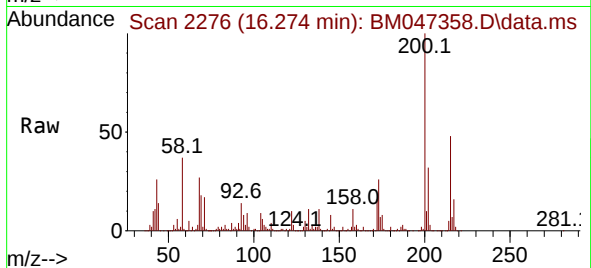
Tgt Ion:200 Resp: 672931

Ion Ratio Lower Upper

200 100

173 25.7 5.8 45.8

215 47.9 28.3 68.3



#70

Pentachlorophenol

Concen: 83.766 ng

RT: 16.439 min Scan# 2304

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

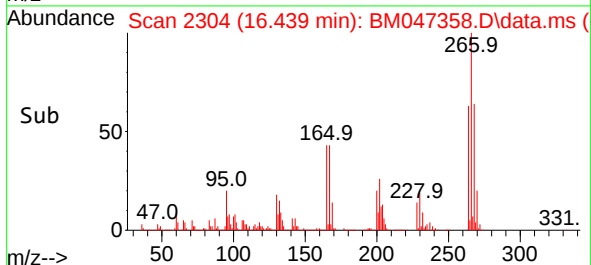
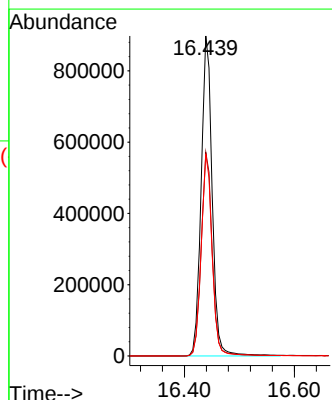
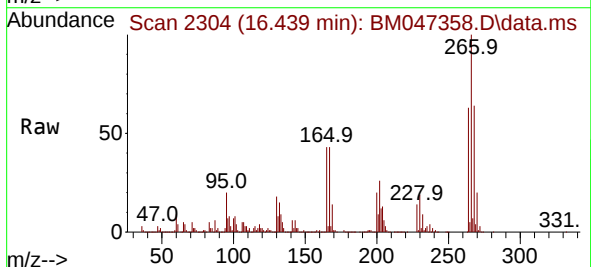
Tgt Ion:266 Resp: 1253367

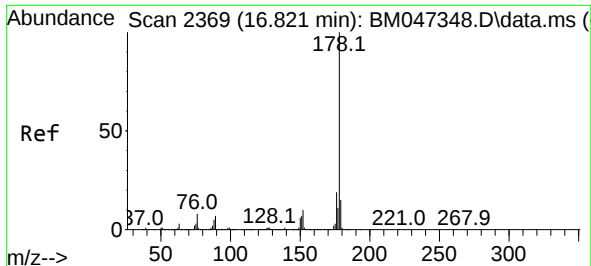
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.6

264 63.2 51.9 77.9

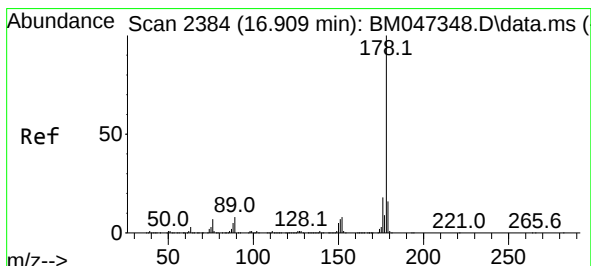
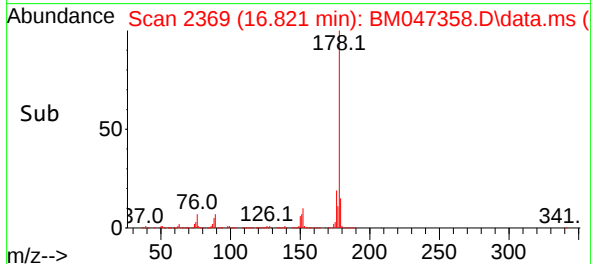
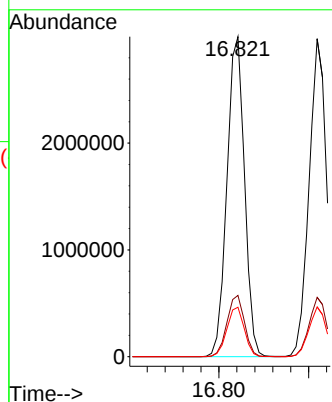
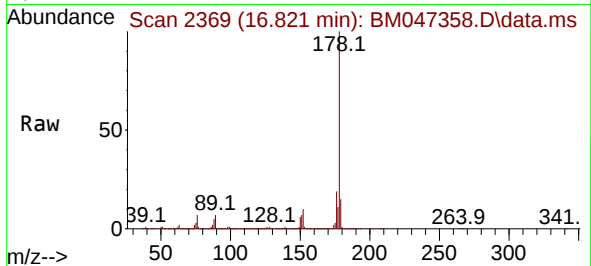




#71
Phenanthrene
Concen: 44.104 ng
RT: 16.821 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

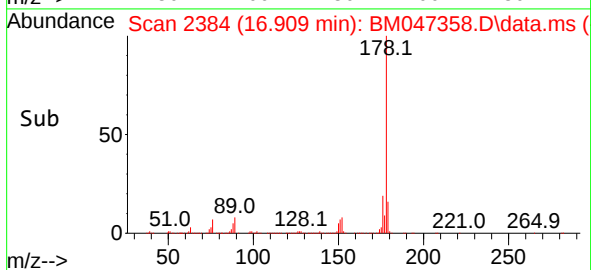
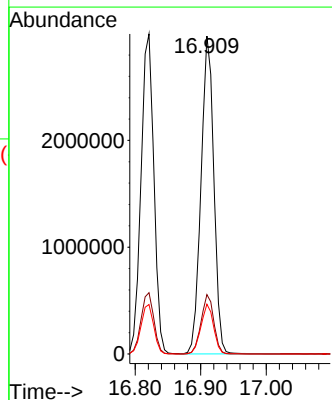
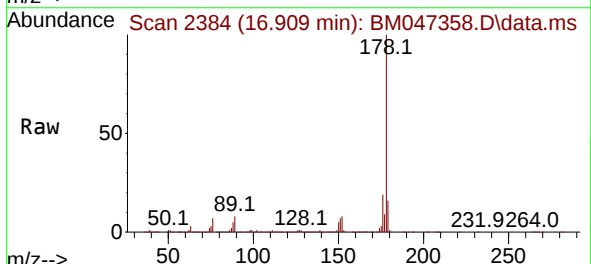
Instrument :
BNA_M
ClientSampleId :
PB162574BS

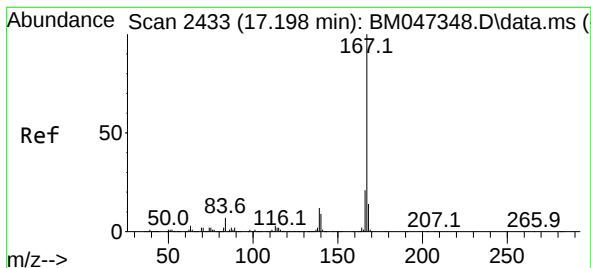
Tgt Ion:178 Resp: 4068250
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.5 12.2 18.4



#72
Anthracene
Concen: 45.127 ng
RT: 16.909 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:178 Resp: 4057869
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.7 12.6 18.8





#73

Carbazole

Concen: 42.405 ng

RT: 17.198 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Instrument :

BNA_M

ClientSampleId :

PB162574BS

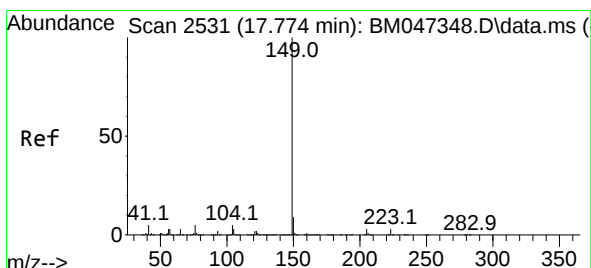
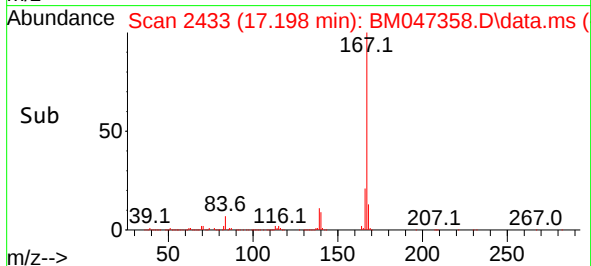
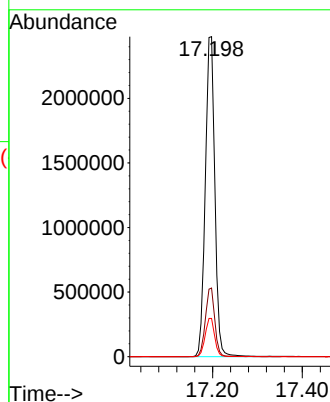
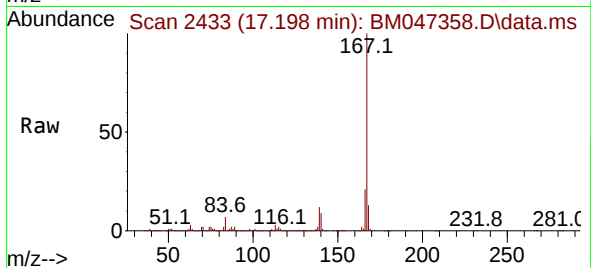
Tgt Ion:167 Resp: 3659035

Ion Ratio Lower Upper

167 100

166 21.5 16.9 25.3

139 11.9 9.5 14.3



#74

Di-n-butylphthalate

Concen: 42.738 ng

RT: 17.774 min Scan# 2531

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

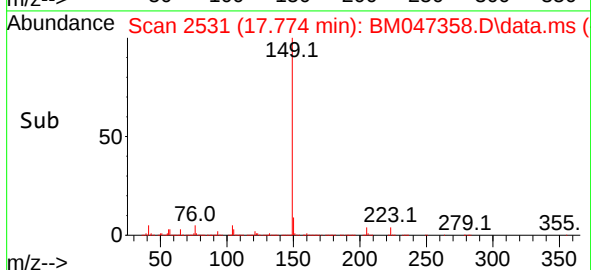
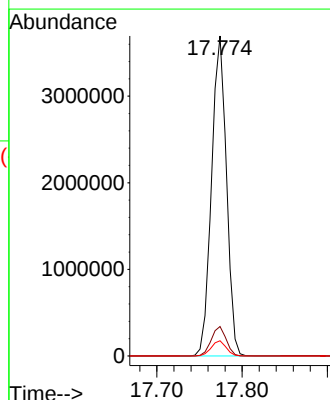
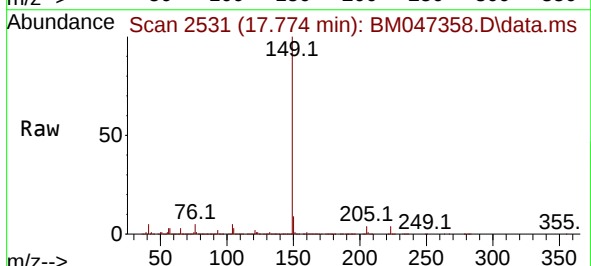
Tgt Ion:149 Resp: 4490626

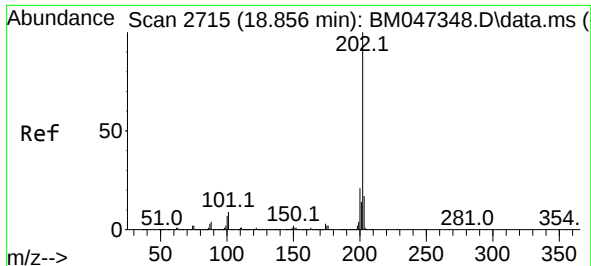
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.7 3.8 5.6

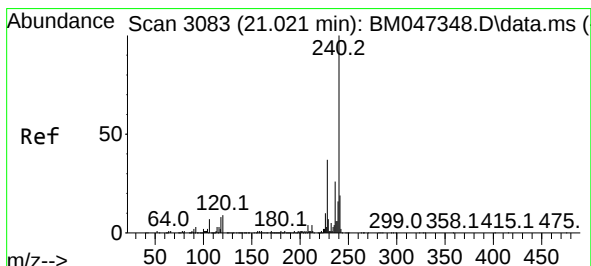
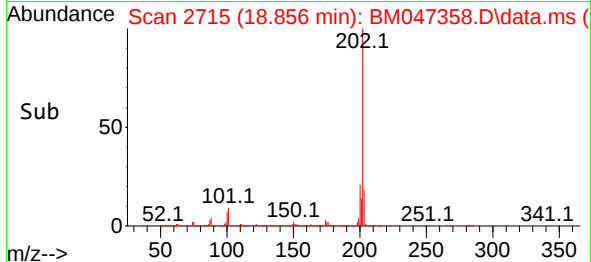
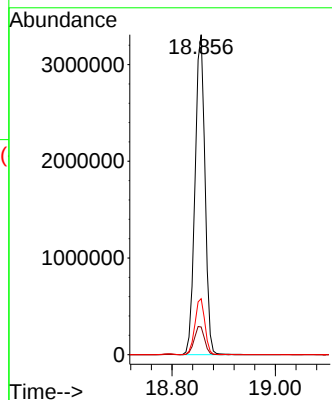
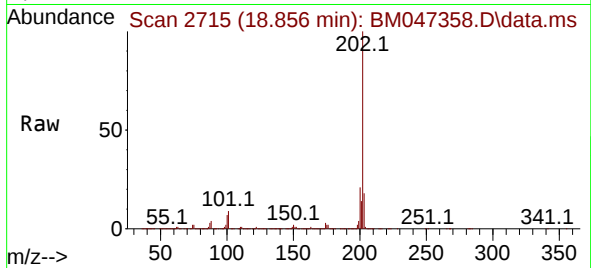




#75
Fluoranthene
Concen: 40.730 ng
RT: 18.856 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

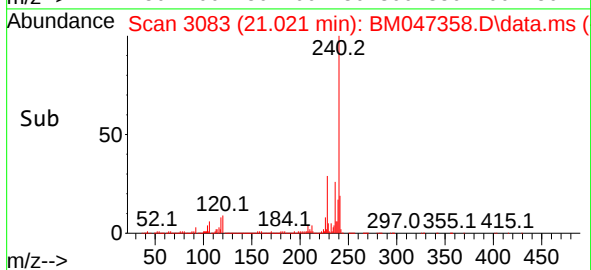
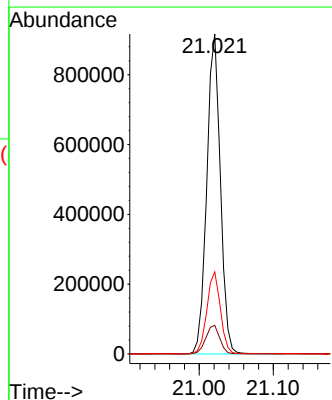
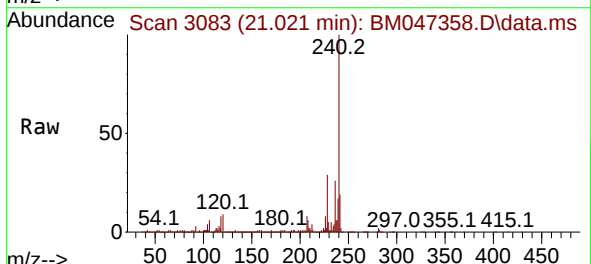
Instrument :
BNA_M
ClientSampleId :
PB162574BS

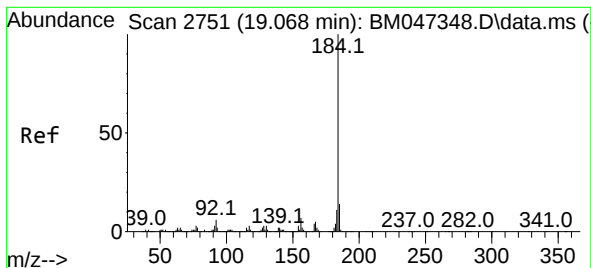
Tgt Ion:202 Resp: 4411440
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.0
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:240 Resp: 1167304
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 25.7 20.8 31.2





#77

Benzidine

Concen: 23.072 ng

RT: 19.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Instrument :

BNA_M

ClientSampleId :

PB162574BS

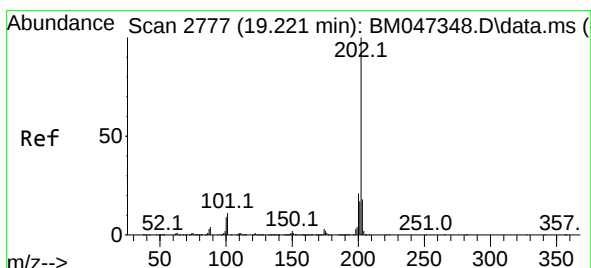
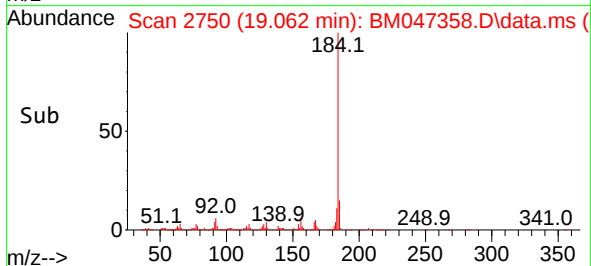
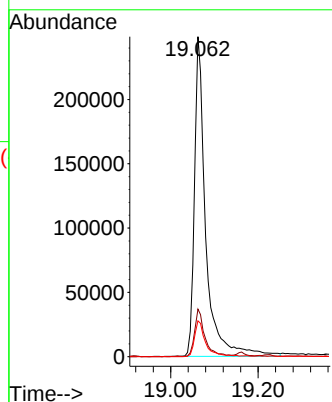
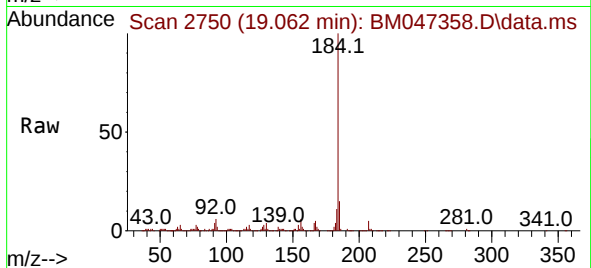
Tgt Ion:184 Resp: 449558

Ion Ratio Lower Upper

184 100

185 14.9 11.5 17.3

183 11.2 9.2 13.8



#78

Pyrene

Concen: 49.713 ng

RT: 19.221 min Scan# 2777

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

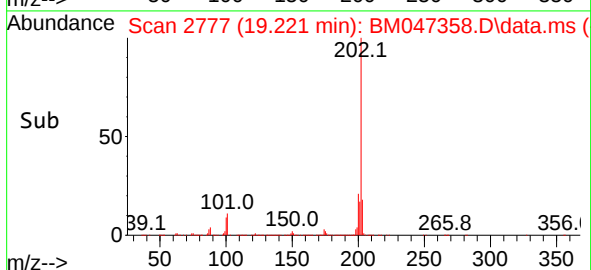
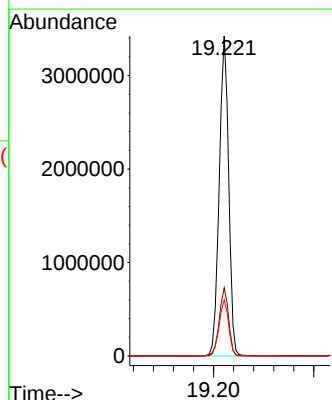
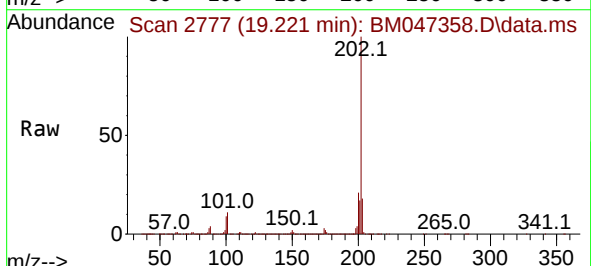
Tgt Ion:202 Resp: 4450753

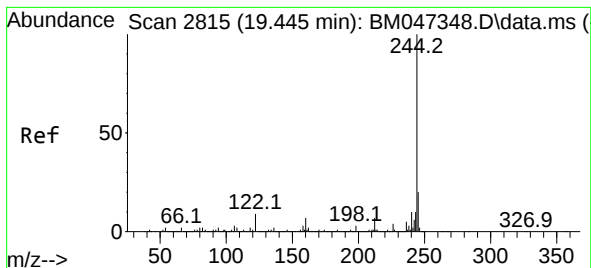
Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 97.581 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Instrument :

BNA_M

ClientSampleId :

PB162574BS

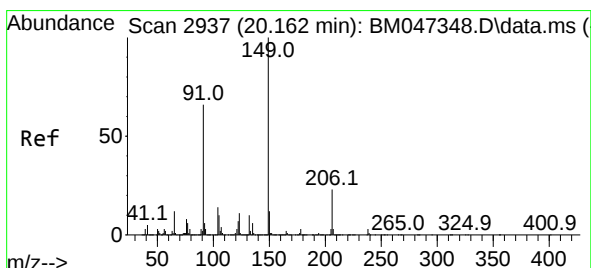
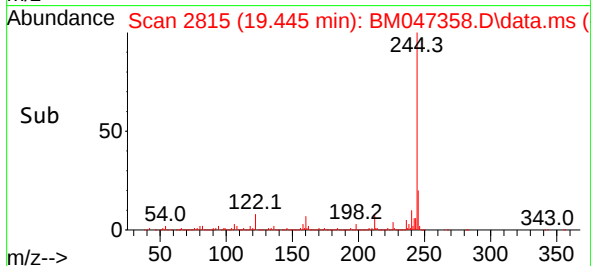
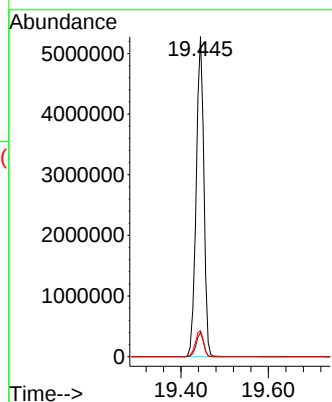
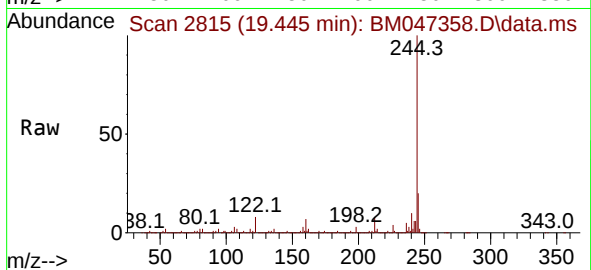
Tgt Ion:244 Resp: 6399380

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 8.1 7.0 10.4



#80

Butylbenzylphthalate

Concen: 47.693 ng

RT: 20.156 min Scan# 2936

Delta R.T. -0.006 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

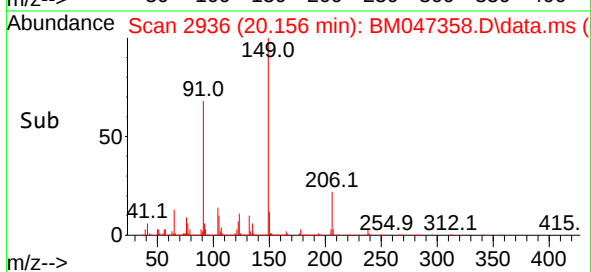
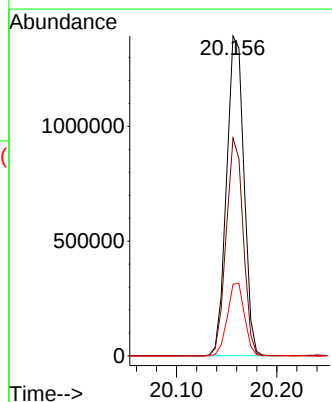
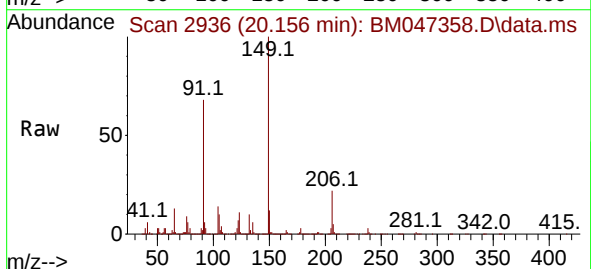
Tgt Ion:149 Resp: 1670926

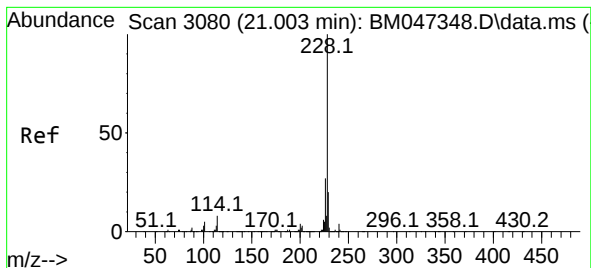
Ion Ratio Lower Upper

149 100

91 68.1 52.6 79.0

206 22.4 18.2 27.2





#81

Benzo(a)anthracene

Concen: 45.977 ng

RT: 21.003 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Instrument :

BNA_M

ClientSampleId :

PB162574BS

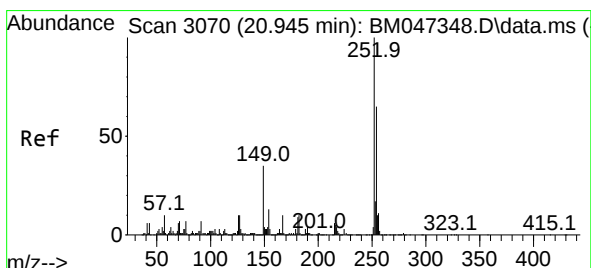
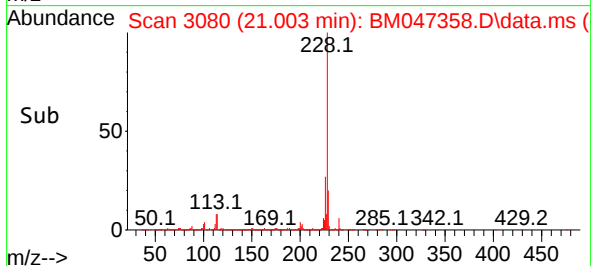
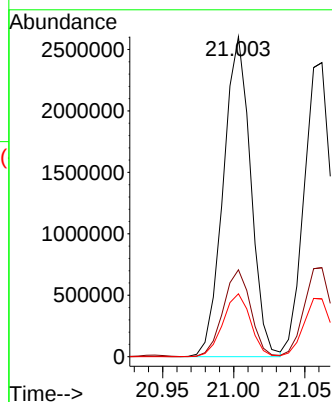
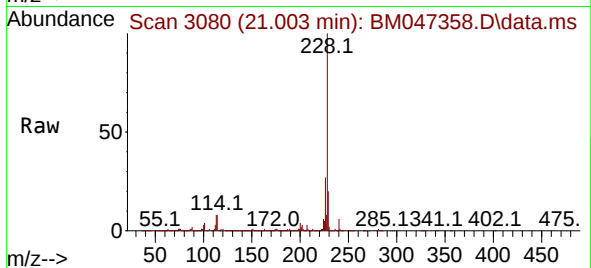
Tgt Ion:228 Resp: 3499912

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 36.984 ng

RT: 20.944 min Scan# 3070

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

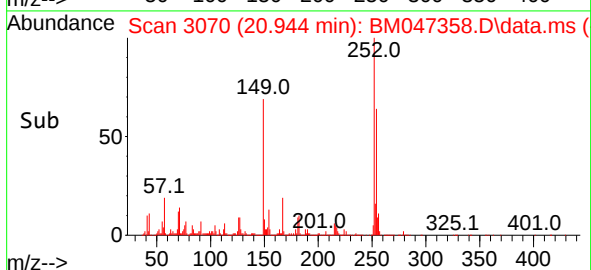
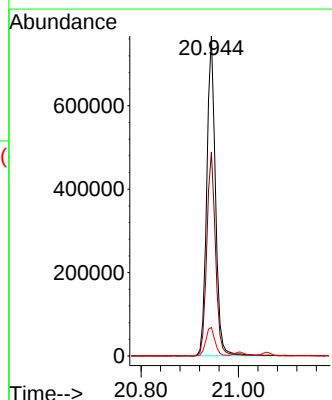
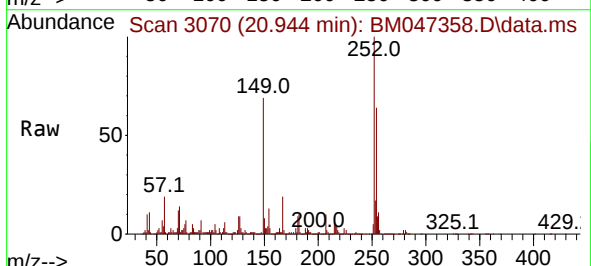
Tgt Ion:252 Resp: 947065

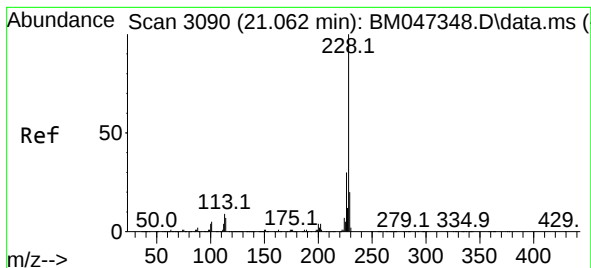
Ion Ratio Lower Upper

252 100

254 63.8 52.1 78.1

126 8.9 7.9 11.9





#83

Chrysene

Concen: 44.872 ng

RT: 21.062 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Instrument :

BNA_M

ClientSampleId :

PB162574BS

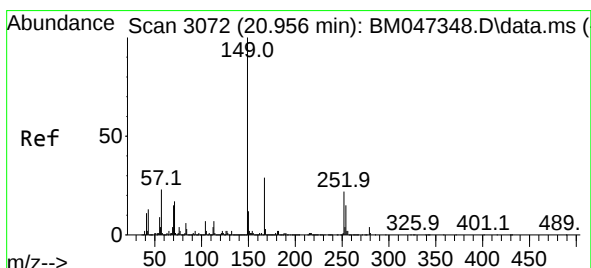
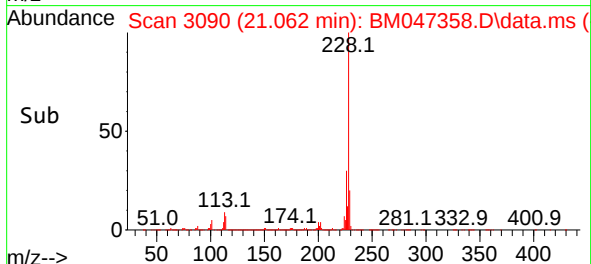
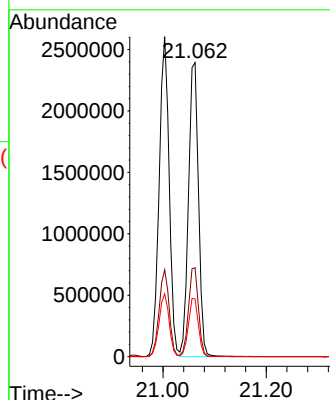
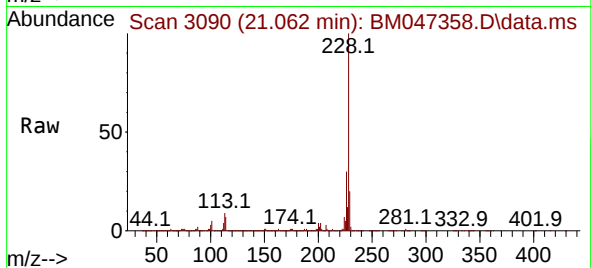
Tgt Ion:228 Resp: 3213138

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.654 ng

RT: 20.956 min Scan# 3072

Delta R.T. -0.000 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

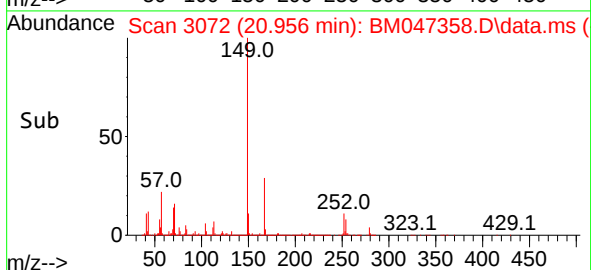
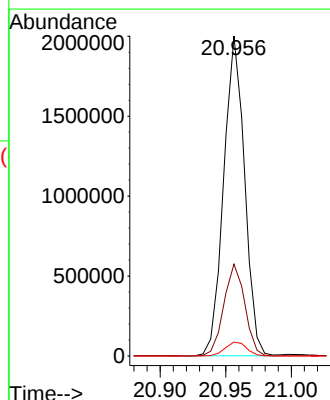
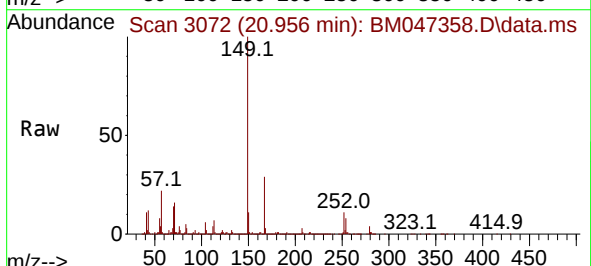
Tgt Ion:149 Resp: 2211125

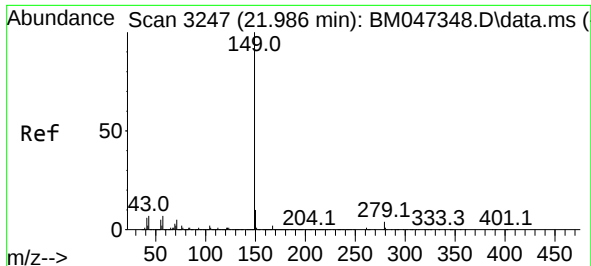
Ion Ratio Lower Upper

149 100

167 28.7 23.1 34.7

279 4.3 3.3 4.9

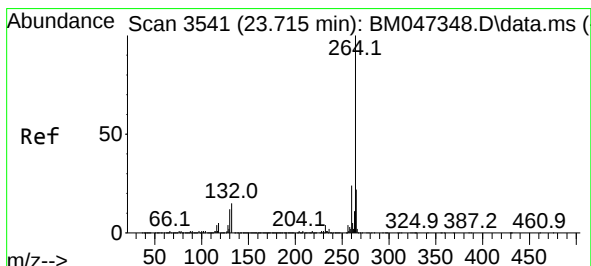
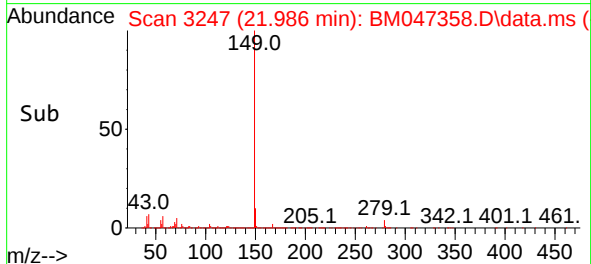
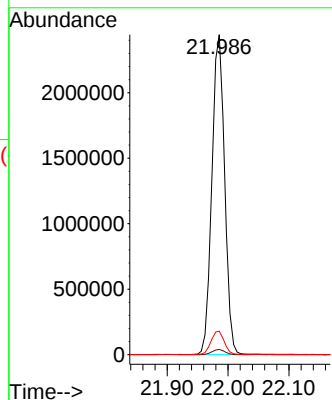
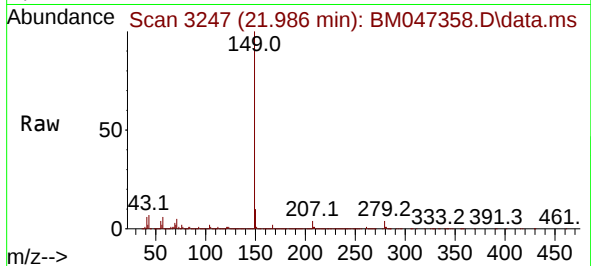




#85
Di-n-octyl phthalate
Concen: 42.583 ng
RT: 21.986 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

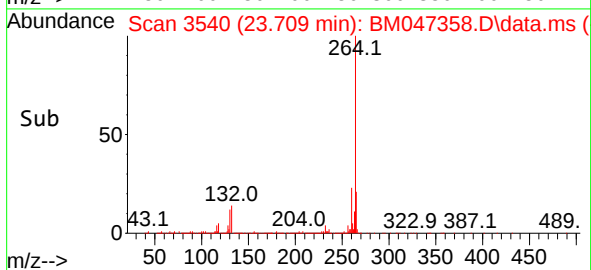
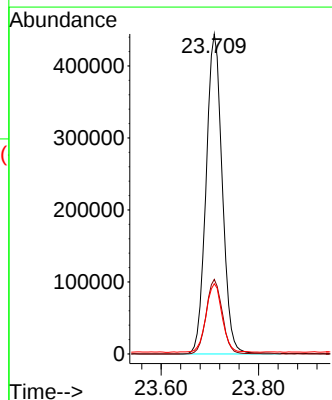
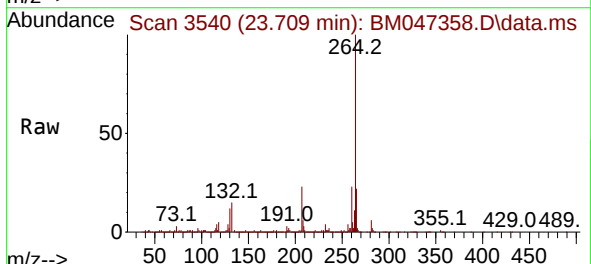
Instrument :
BNA_M
ClientSampleId :
PB162574BS

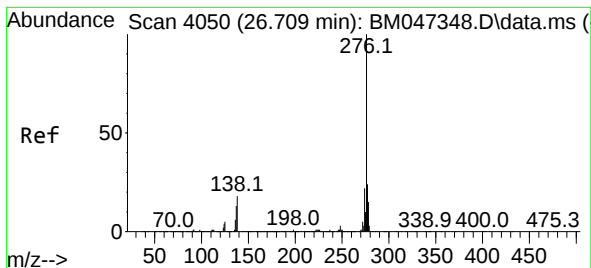
Tgt Ion:149 Resp: 3549027
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3540
Delta R.T. -0.006 min
Lab File: BM047358.D
Acq: 27 Aug 2024 11:13

Tgt Ion:264 Resp: 1019810
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.359 ng

RT: 26.703 min Scan# 4050

Delta R.T. -0.006 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Instrument :

BNA_M

ClientSampleId :

PB162574BS

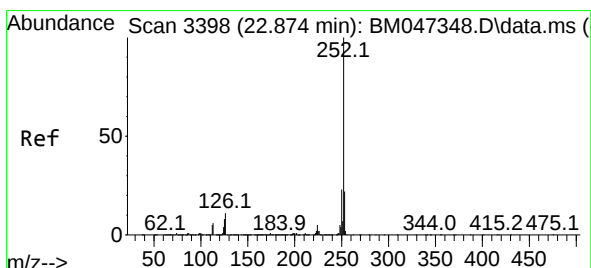
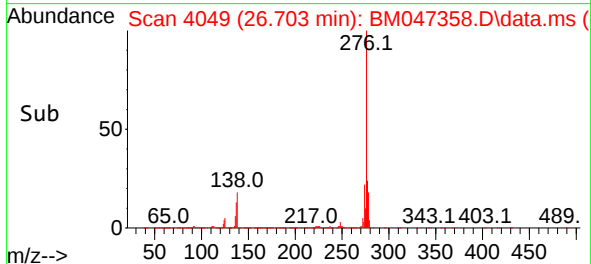
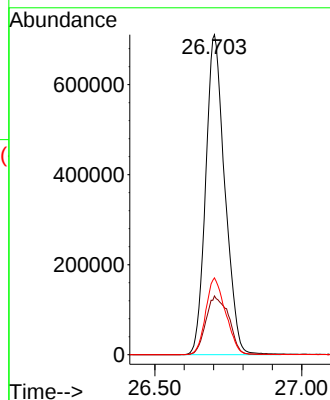
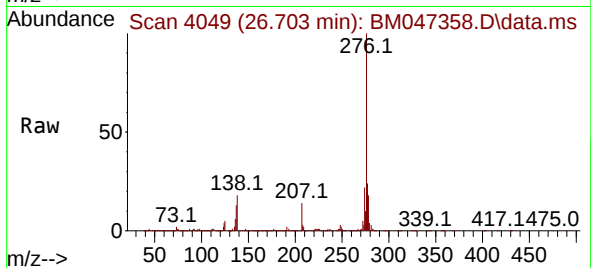
Tgt Ion:276 Resp: 3214939

Ion Ratio Lower Upper

276 100

138 22.0 17.7 26.5

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.790 ng

RT: 22.868 min Scan# 3397

Delta R.T. -0.006 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

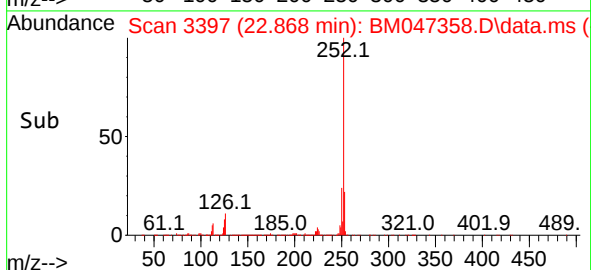
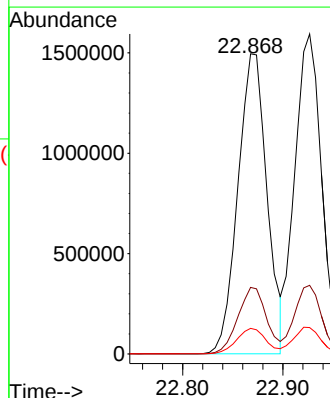
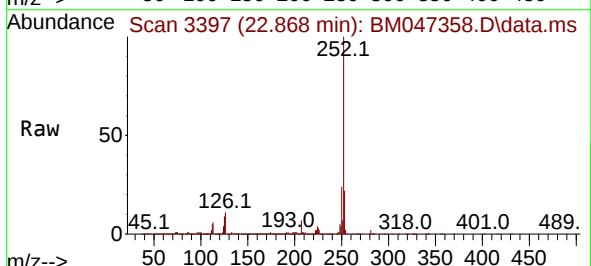
Tgt Ion:252 Resp: 3021895

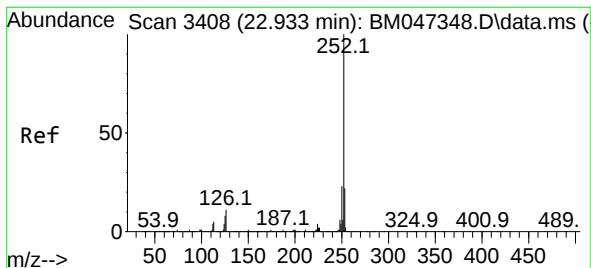
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.5 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 52.475 ng

RT: 22.927 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Instrument :

BNA_M

ClientSampleId :

PB162574BS

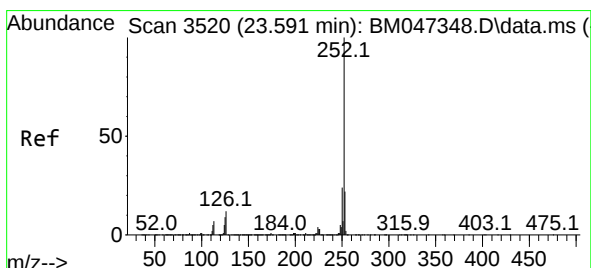
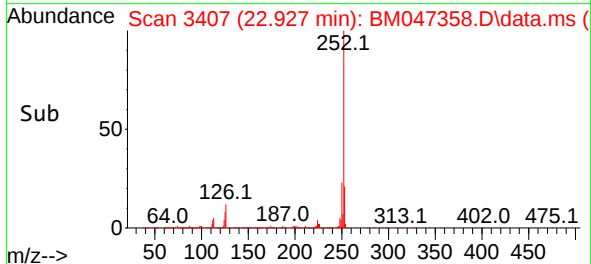
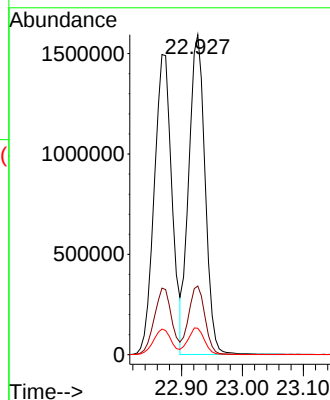
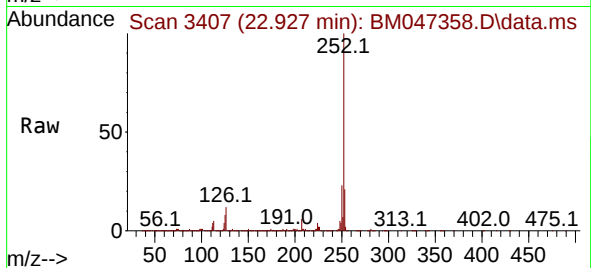
Tgt Ion:252 Resp: 2959703

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 8.2 6.6 9.8



#90

Benzo(a)pyrene

Concen: 52.464 ng

RT: 23.585 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

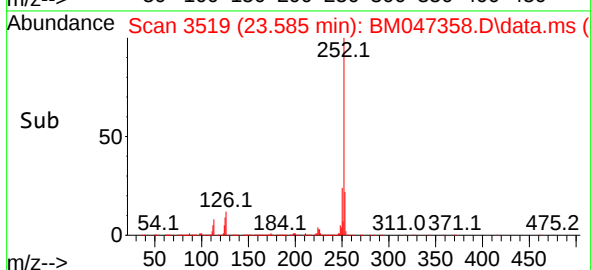
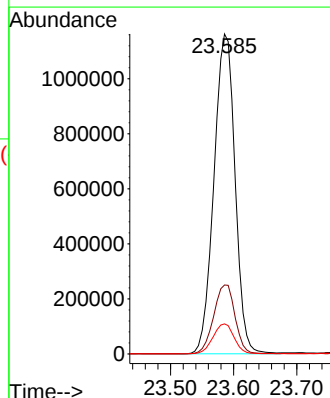
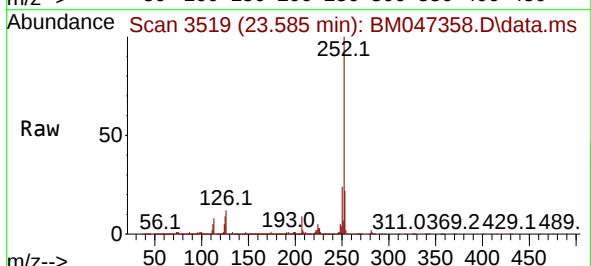
Tgt Ion:252 Resp: 2699397

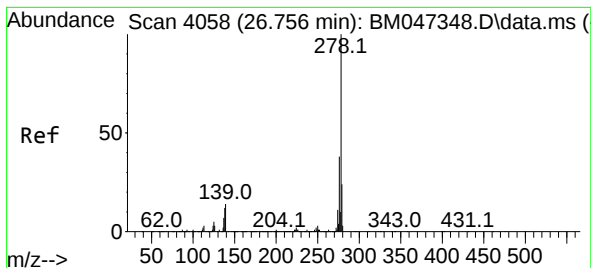
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 9.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 49.756 ng

RT: 26.744 min Scan# 4058

Delta R.T. -0.012 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Instrument :

BNA_M

ClientSampleId :

PB162574BS

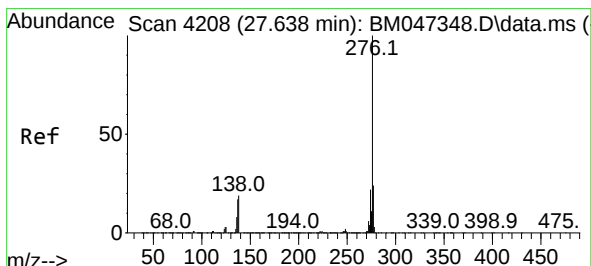
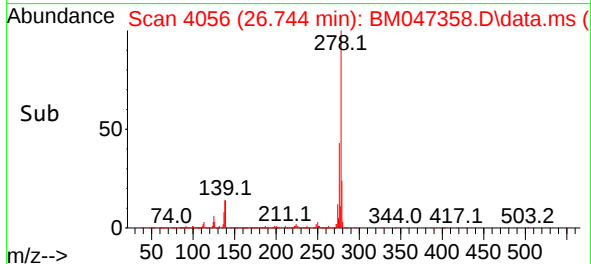
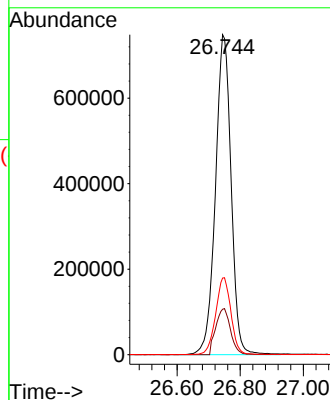
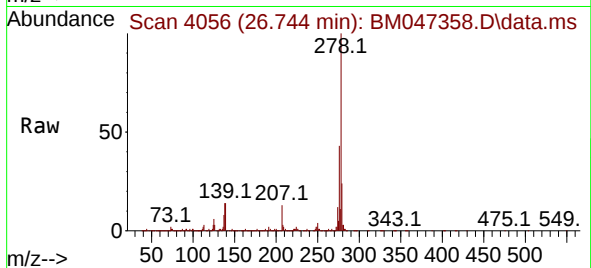
Tgt Ion:278 Resp: 2573259

Ion Ratio Lower Upper

278 100

139 14.2 11.1 16.7

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 48.173 ng

RT: 27.632 min Scan# 4207

Delta R.T. -0.006 min

Lab File: BM047358.D

Acq: 27 Aug 2024 11:13

Tgt Ion:276 Resp: 2590081

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 18.8 15.0 22.6

