

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
 Data File : BM047413.D
 Acq On : 30 Aug 2024 19:38
 Operator : RC/JU
 Sample : P3794-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-857MS

Quant Time: Aug 30 23:38:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.339	152	256729	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	966735	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	618719	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1036784	20.000	ng	0.00
76) Chrysene-d12	21.021	240	876274	20.000	ng	0.00
86) Perylene-d12	23.721	264	1052779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1160196	86.702	ng	0.00
7) Phenol-d6	6.569	99	1489277	81.699	ng	0.00
23) Nitrobenzene-d5	8.492	82	920196	52.815	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	553056	74.089	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	2028084	50.365	ng	0.00
79) Terphenyl-d14	19.445	244	2115268	42.967	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.016	88	204915	37.412	ng	97
3) Pyridine	3.387	79	561877	36.962	ng	98
4) n-Nitrosodimethylamine	3.310	42	243654	39.355	ng	99
6) Aniline	6.698	93	513131	31.080	ng	99
8) 2-Chlorophenol	6.922	128	707959	47.268	ng	97
9) Benzaldehyde	6.510	77	214934	19.101	ng	96
10) Phenol	6.598	94	831692	46.373	ng	99
11) bis(2-Chloroethyl)ether	6.792	93	653875	42.071	ng	99
12) 1,3-Dichlorobenzene	7.234	146	820256	44.786	ng	98
13) 1,4-Dichlorobenzene	7.375	146	830738	44.788	ng	98
14) 1,2-Dichlorobenzene	7.686	146	800967	45.567	ng	99
15) Benzyl Alcohol	7.604	79	606049	47.955	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.863	45	802287	43.051	ng	99
17) 2-Methylphenol	7.816	107	566962	45.501	ng	99
18) Hexachloroethane	8.386	117	297749	42.941	ng	96
19) n-Nitroso-di-n-propyla...	8.157	70	508680	40.595	ng	98
20) 3+4-Methylphenols	8.145	107	767832	44.320	ng	95
22) Acetophenone	8.169	105	992943	44.257	ng	# 99
24) Nitrobenzene	8.534	77	756129	42.196	ng	98
25) Isophorone	9.063	82	1401883	42.572	ng	97
26) 2-Nitrophenol	9.239	139	406902	46.164	ng	96
27) 2,4-Dimethylphenol	9.322	122	565613	56.850	ng	100
28) bis(2-Chloroethoxy)met...	9.545	93	858560	42.577	ng	99
29) 2,4-Dichlorophenol	9.780	162	757356	49.072	ng	98
30) 1,2,4-Trichlorobenzene	9.969	180	821418	46.079	ng	99
31) Naphthalene	10.145	128	2153079	45.599	ng	100
32) Benzoic acid	9.539	122	445377	37.489	ng	99
33) 4-Chloroaniline	10.286	127	438016	24.949	ng	99
34) Hexachlorobutadiene	10.422	225	533018	47.877	ng	99
35) Caprolactam	11.104	113	213477	42.699	ng	97
36) 4-Chloro-3-methylphenol	11.445	107	682053	43.518	ng	97
37) 2-Methylnaphthalene	11.774	142	1583300	45.989	ng	98
38) 1-Methylnaphthalene	12.004	142	1468427	43.126	ng	99
40) 1,2,4,5-Tetrachloroben...	12.157	216	931683	50.852	ng	99
41) Hexachlorocyclopentadiene	12.127	237	606478	104.884	ng	99
43) 2,4,6-Trichlorophenol	12.427	196	627465	49.959	ng	98

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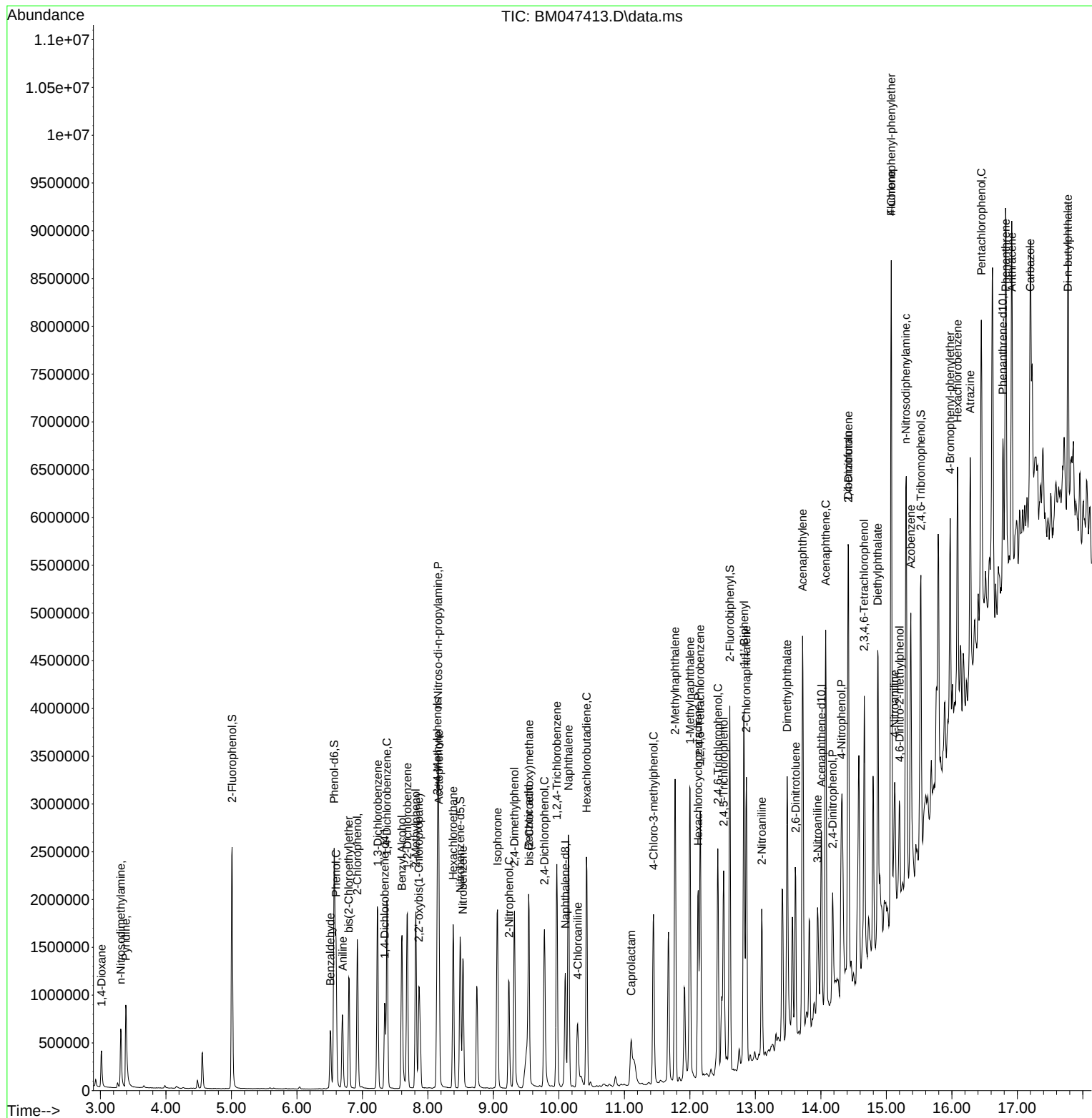
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	668622	47.936	ng	98
46) 1,1'-Biphenyl	12.827	154	2048419	47.415	ng	99
47) 2-Chloronaphthalene	12.863	162	1588493	46.919	ng	98
48) 2-Nitroaniline	13.098	65	421819	44.479	ng	94
49) Acenaphthylene	13.721	152	2402461	48.825	ng	99
50) Dimethylphthalate	13.486	163	1911574	44.839	ng	100
51) 2,6-Dinitrotoluene	13.616	165	425102	42.827	ng	93
52) Acenaphthene	14.074	154	1446064	46.294	ng	99
53) 3-Nitroaniline	13.951	138	283169	30.916	ng	90
54) 2,4-Dinitrophenol	14.180	184	356581	58.334	ng	91
55) Dibenzofuran	14.415	168	2287693	45.469	ng	99
56) 4-Nitrophenol	14.315	139	610256	85.235	ng	96
57) 2,4-Dinitrotoluene	14.421	165	561648	43.710	ng	91
58) Fluorene	15.074	166	1737680	42.675	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	523444	45.689	ng	# 96
60) Diethylphthalate	14.868	149	1722418	40.958	ng	98
61) 4-Chlorophenyl-phenyle...	15.074	204	926079	44.708	ng	96
62) 4-Nitroaniline	15.127	138	323323	38.159	ng	98
63) Azobenzene	15.374	77	1473199	40.229	ng	94
65) 4,6-Dinitro-2-methylph...	15.204	198	251059	39.453	ng	89
66) n-Nitrosodiphenylamine	15.298	169	1535752	54.134	ng	97
67) 4-Bromophenyl-phenylether	15.974	248	550375	50.319	ng	97
68) Hexachlorobenzene	16.086	284	601822	47.640	ng	100
69) Atrazine	16.280	200	541803	58.429	ng	95
70) Pentachlorophenol	16.451	266	757147	92.703	ng	98
71) Phenanthrene	16.821	178	2453174	48.722	ng	98
72) Anthracene	16.915	178	2392209	48.737	ng	98
73) Carbazole	17.198	167	2095798	44.496	ng	97
74) Di-n-butylphthalate	17.774	149	2455807	42.818	ng	99
75) Fluoranthene	18.862	202	2657940	44.958	ng	98
77) Benzidine	19.068	184	923064	63.107	ng	# 93
78) Pyrene	19.227	202	2783839	41.422	ng	99
80) Butylbenzylphthalate	20.156	149	1083717	41.206	ng	99
81) Benzo(a)anthracene	21.003	228	2661630	46.577	ng	99
82) 3,3'-Dichlorobenzidine	20.944	252	692823	36.042	ng	99
83) Chrysene	21.062	228	2527184	47.014	ng	100
84) Bis(2-ethylhexyl)phtha...	20.950	149	1709484	45.990	ng	98
85) Di-n-octyl phthalate	21.980	149	2823088	45.123	ng	99
87) Indeno(1,2,3-cd)pyrene	26.738	276	3566540	54.117	ng	98
88) Benzo(b)fluoranthene	22.880	252	2764238	45.005	ng	99
89) Benzo(k)fluoranthene	22.933	252	2744232	47.131	ng	99
90) Benzo(a)pyrene	23.597	252	2640563	49.713	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	2869415	53.744	ng	99
92) Benzo(g,h,i)perylene	27.662	276	2759303	49.713	ng	99

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

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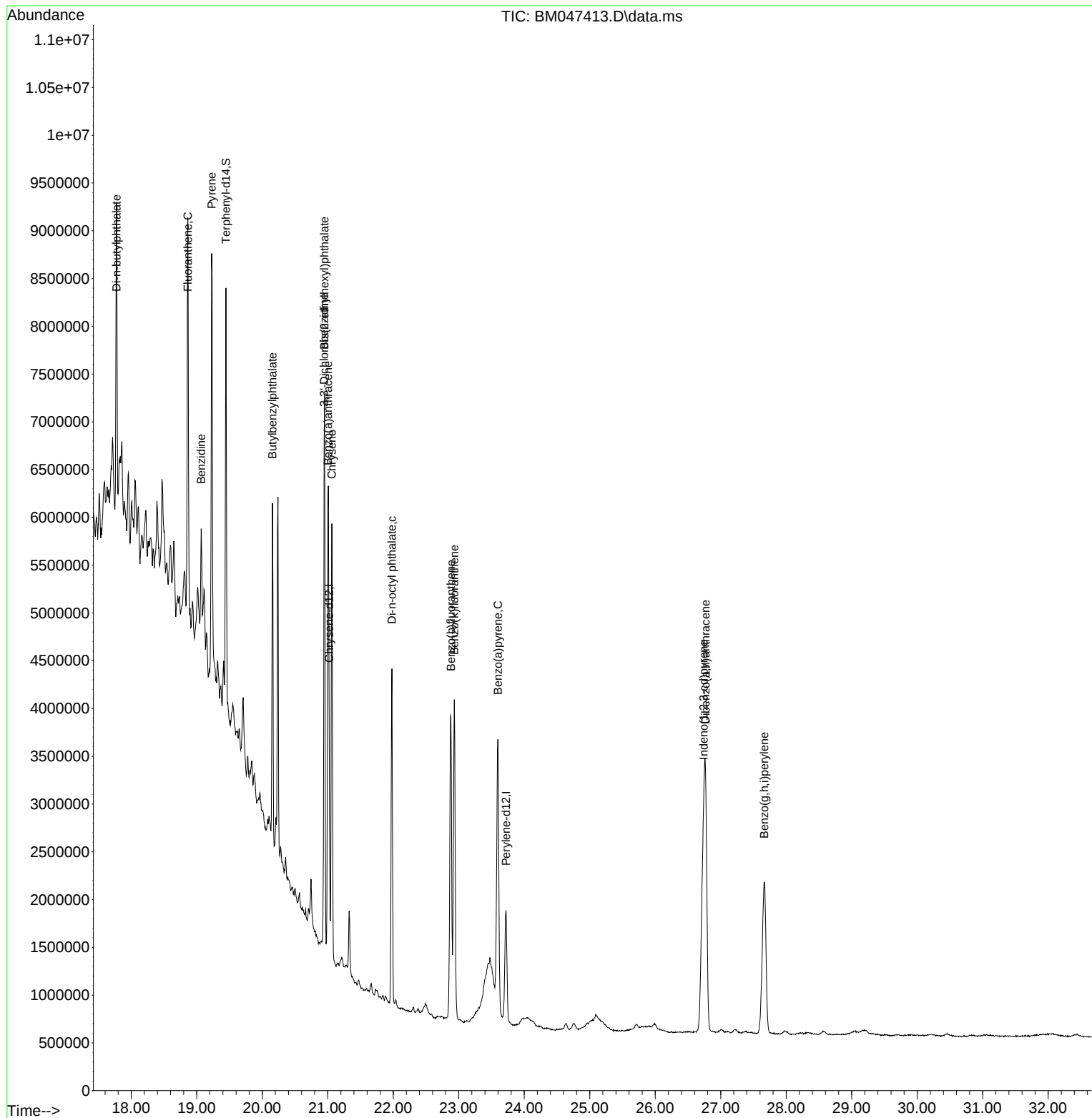
Quant Time: Aug 30 23:38:01 2024
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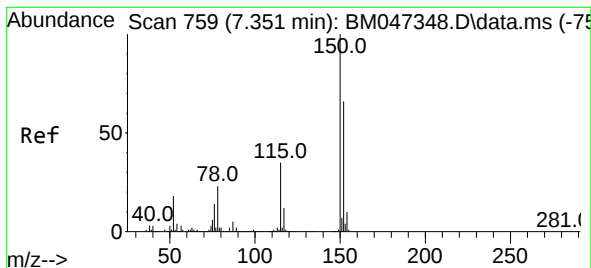


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.339 min Scan# 7

Delta R.T. -0.012 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

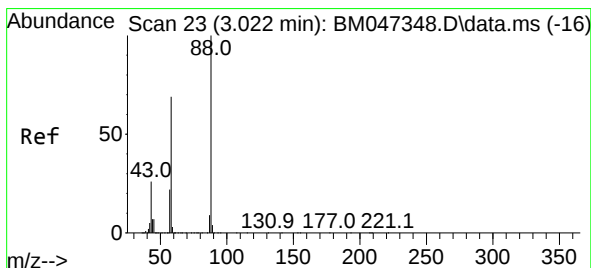
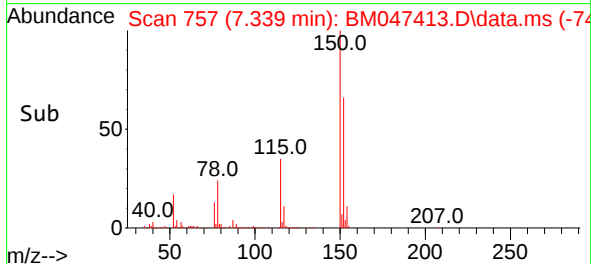
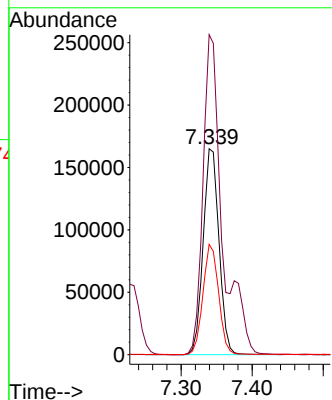
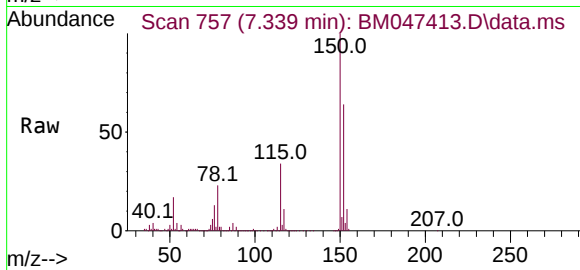
Tgt Ion:152 Resp: 256729

Ion Ratio Lower Upper

152 100

150 155.5 121.3 181.9

115 53.5 42.6 64.0



#2

1,4-Dioxane

Concen: 37.412 ng

RT: 3.016 min Scan# 22

Delta R.T. -0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

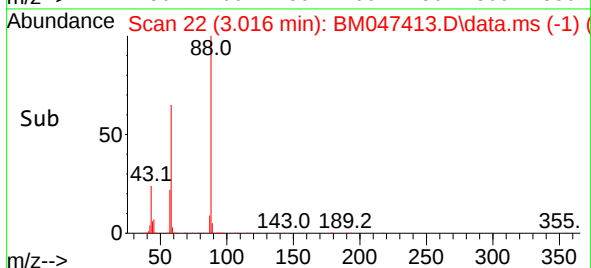
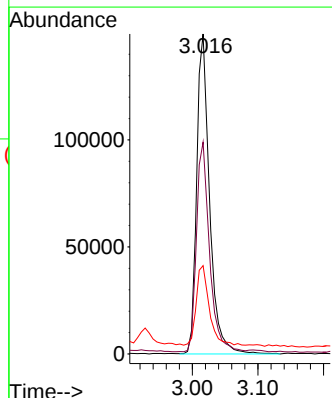
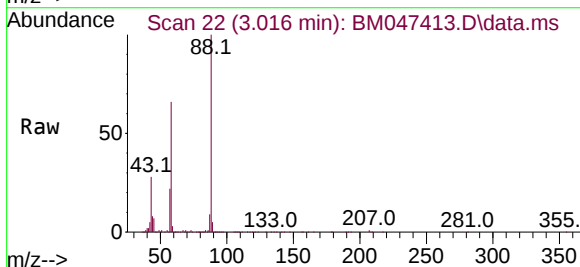
Tgt Ion: 88 Resp: 204915

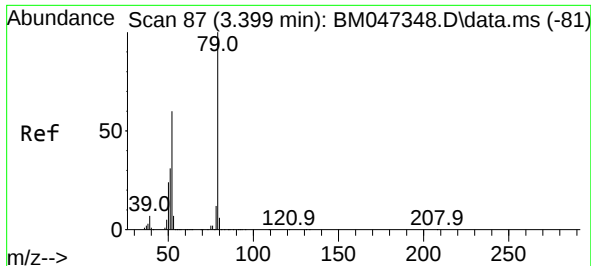
Ion Ratio Lower Upper

88 100

58 65.9 55.4 83.0

43 25.0 20.7 31.1



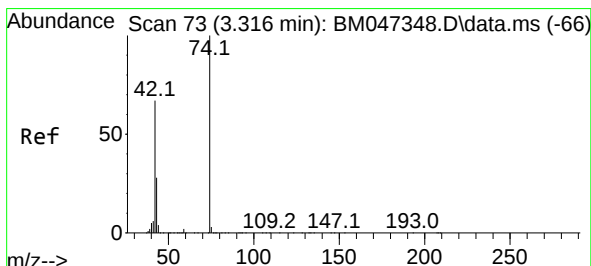
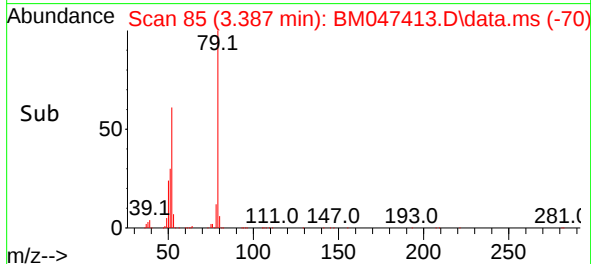
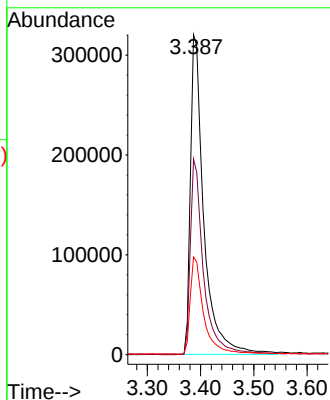
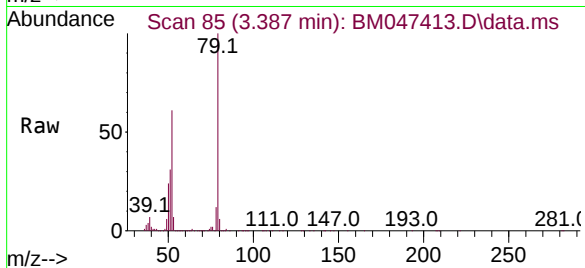


#3
 Pyridine
 Concen: 36.962 ng
 RT: 3.387 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM047413.D
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Tgt Ion: 79 Resp: 561877

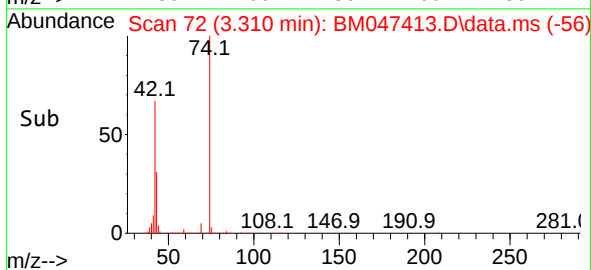
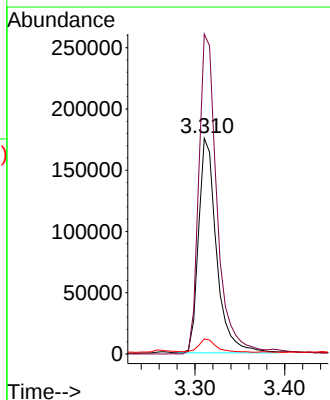
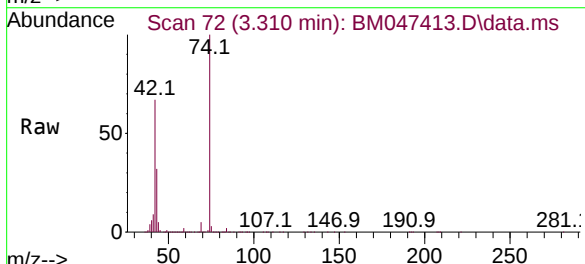
Ion	Ratio	Lower	Upper
79	100		
52	61.1	47.8	71.6
51	30.6	25.0	37.4

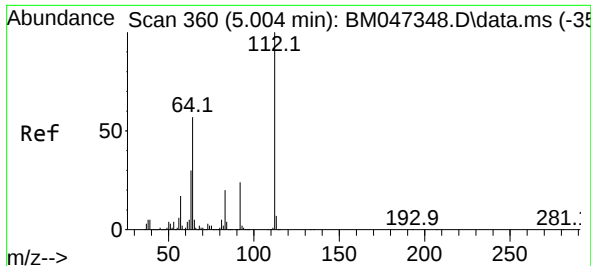


#4
 n-Nitrosodimethylamine
 Concen: 39.355 ng
 RT: 3.310 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM047413.D
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Tgt Ion: 42 Resp: 243654

Ion	Ratio	Lower	Upper
42	100		
74	148.4	119.2	178.8
44	7.0	5.2	7.8

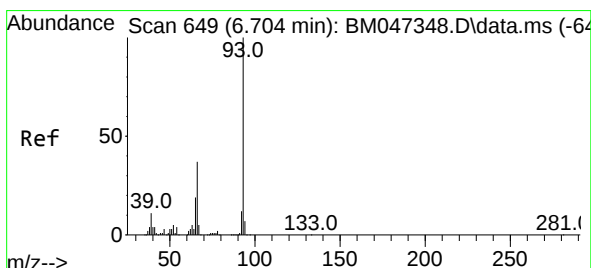
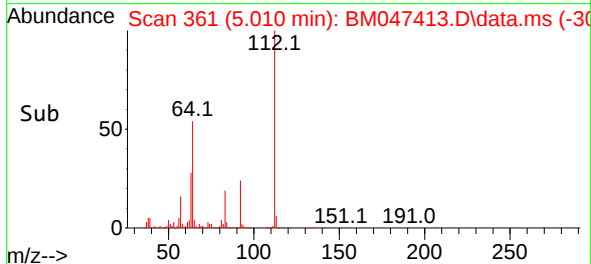
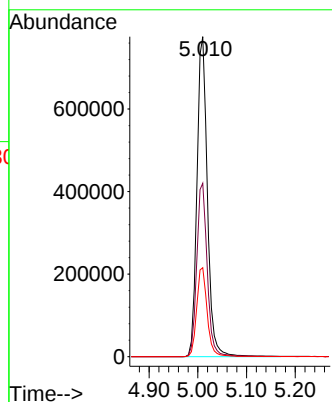
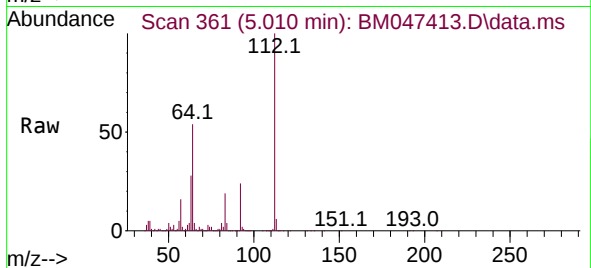




#5
2-Fluorophenol
Concen: 86.702 ng
RT: 5.010 min Scan# 360
Delta R.T. 0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

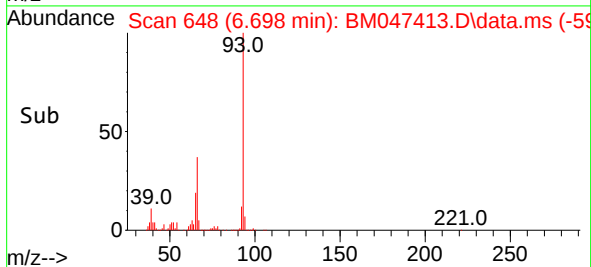
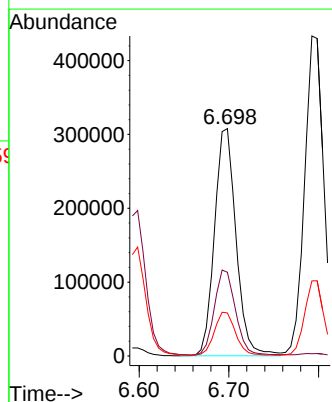
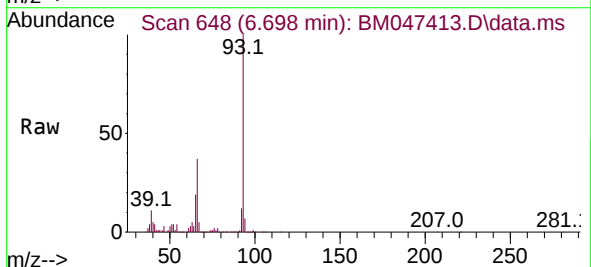
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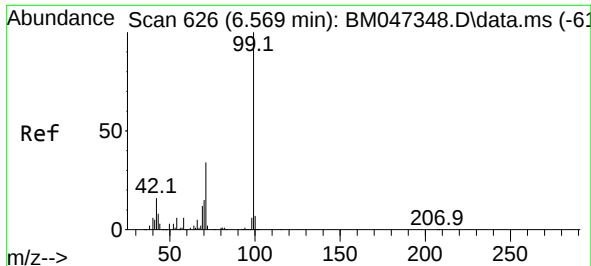
Tgt Ion:112 Resp: 1160196
Ion Ratio Lower Upper
112 100
64 54.2 45.7 68.5
63 27.8 23.8 35.8



#6
Aniline
Concen: 31.080 ng
RT: 6.698 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion: 93 Resp: 513131
Ion Ratio Lower Upper
93 100
66 36.8 30.0 45.0
65 18.9 15.5 23.3



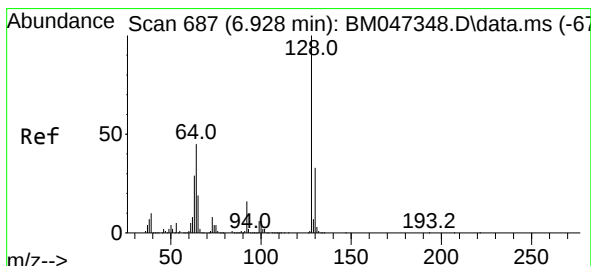
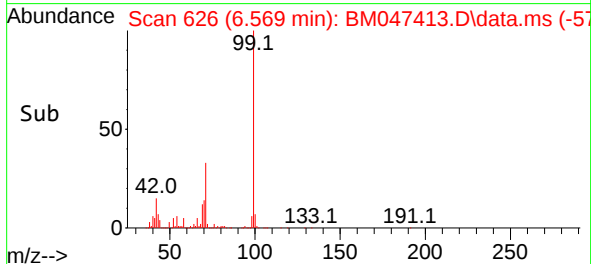
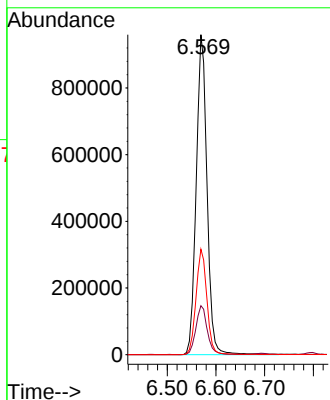
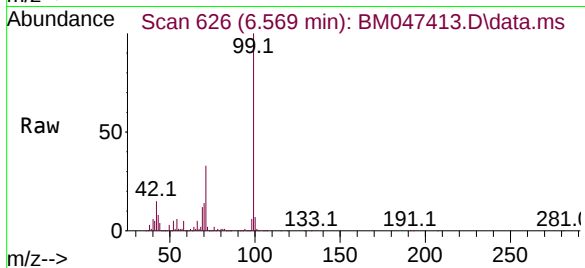


#7
Phenol-d6
Concen: 81.699 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Instrument :
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Tgt Ion: 99 Resp: 1489277

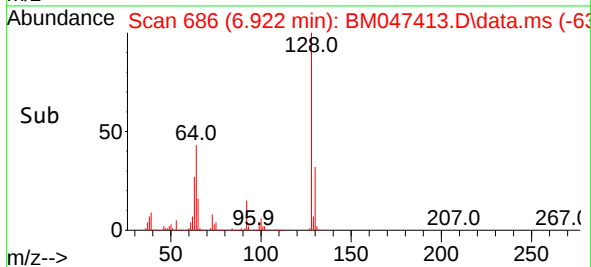
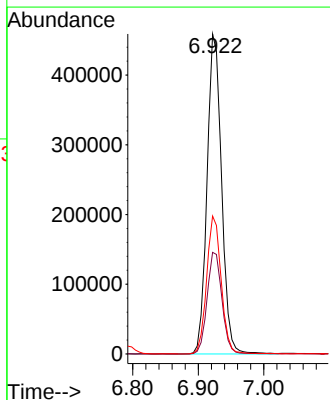
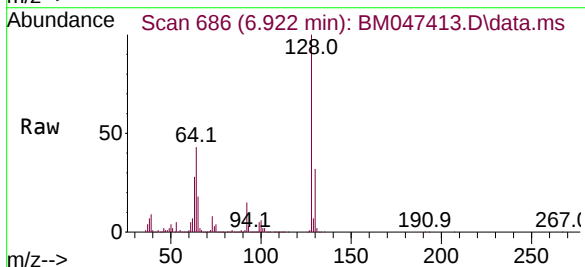
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.0	19.4
71	32.9	27.5	41.3

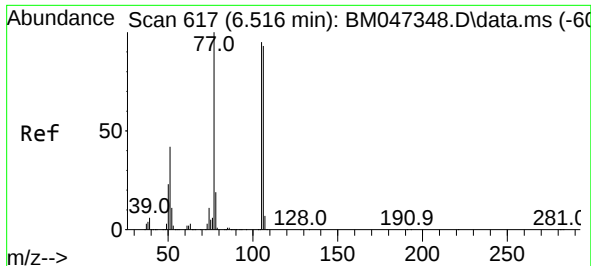


#8
2-Chlorophenol
Concen: 47.268 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion: 128 Resp: 707959

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.9	52.9
64	43.1	25.3	65.3

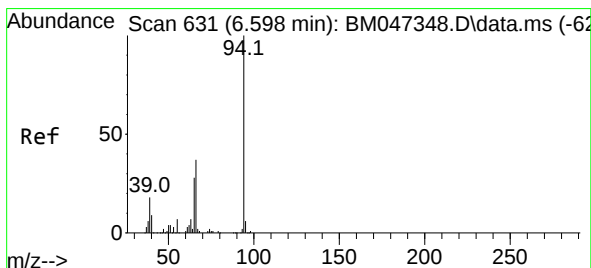
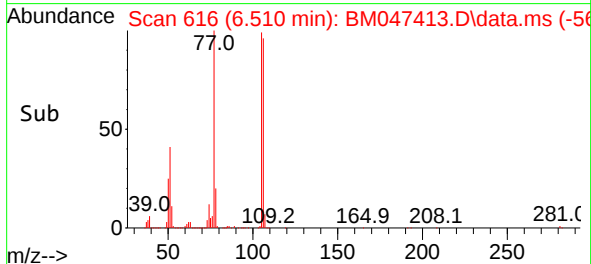
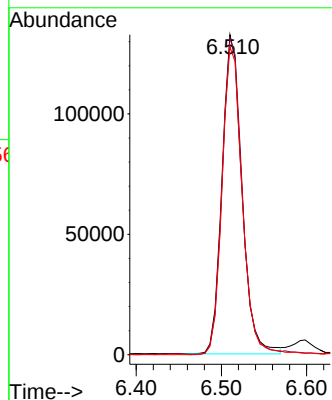
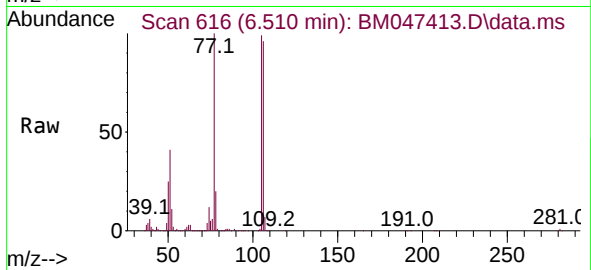




#9
Benzaldehyde
Concen: 19.101 ng
RT: 6.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

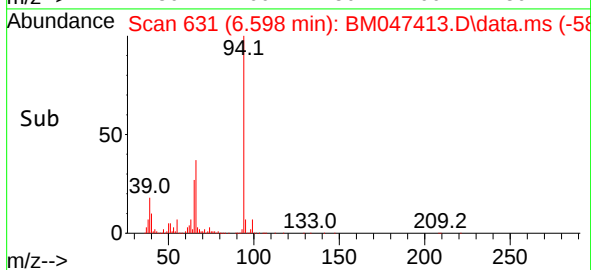
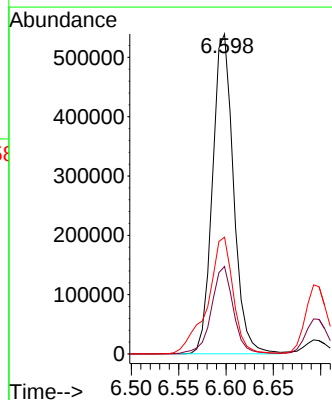
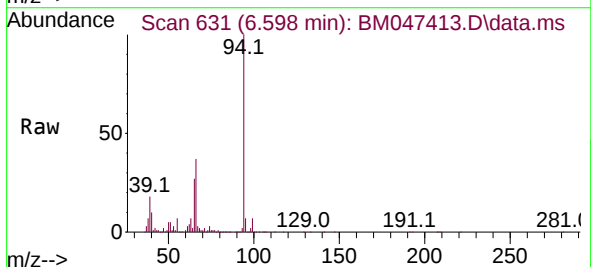
Instrument :
BNA_M
ClientSampleId :
RT-857MS

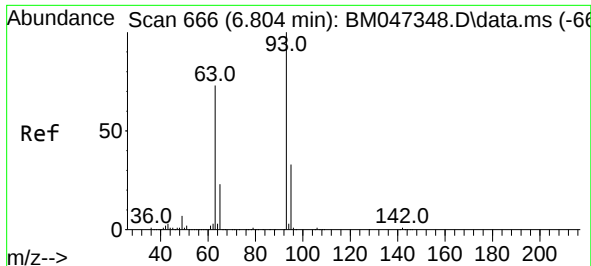
Tgt Ion: 77 Resp: 214934
Ion Ratio Lower Upper
77 100
105 99.0 74.9 114.9
106 96.2 72.6 112.6



#10
Phenol
Concen: 46.373 ng
RT: 6.598 min Scan# 631
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion: 94 Resp: 831692
Ion Ratio Lower Upper
94 100
65 27.4 7.9 47.9
66 36.5 17.3 57.3

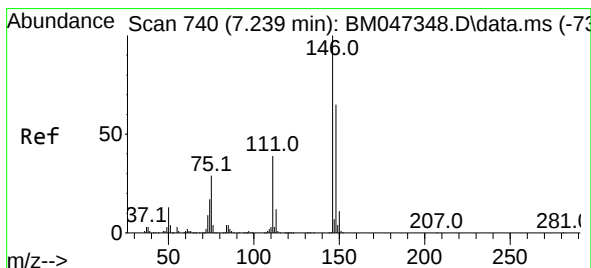
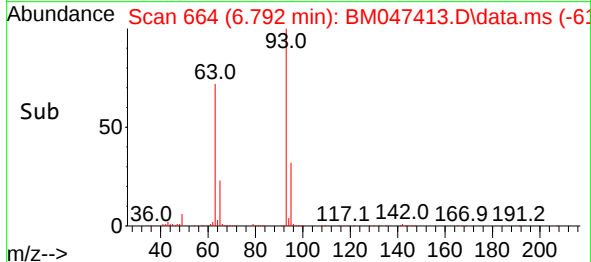
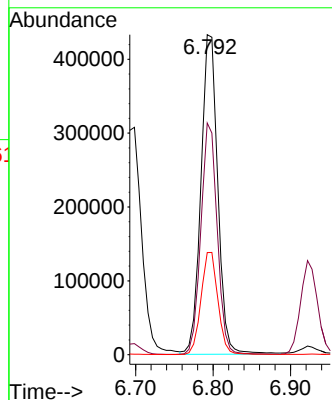
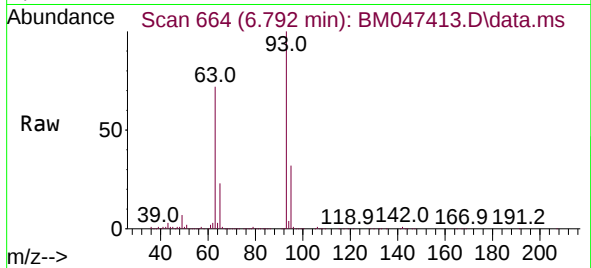




#11
bis(2-Chloroethyl)ether
Concen: 42.071 ng
RT: 6.792 min Scan# 666
Delta R.T. -0.012 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

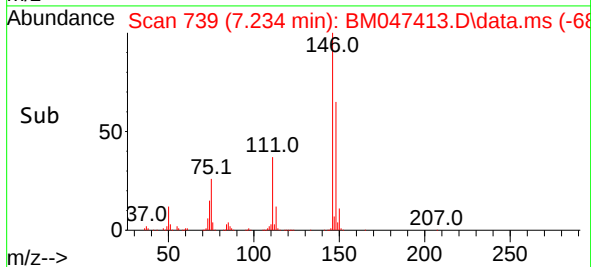
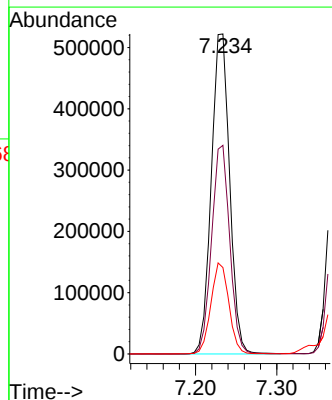
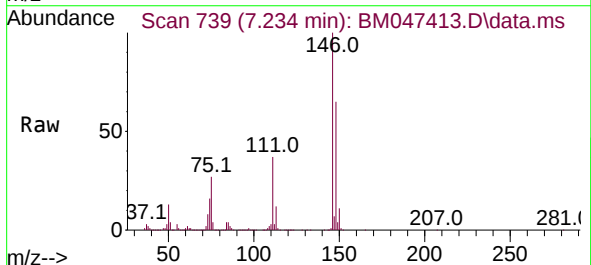
Instrument :
BNA_M
ClientSampleId :
RT-857MS

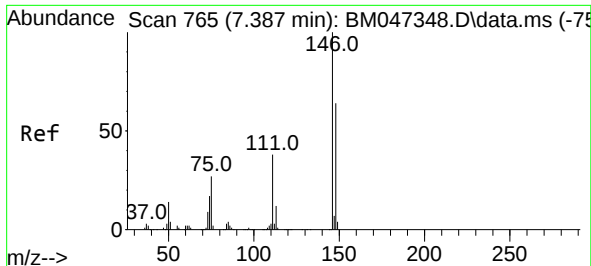
Tgt Ion: 93 Resp: 653875
Ion Ratio Lower Upper
93 100
63 72.4 52.2 92.2
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.786 ng
RT: 7.234 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion: 146 Resp: 820256
Ion Ratio Lower Upper
146 100
148 65.2 51.6 77.4
75 27.0 23.3 34.9

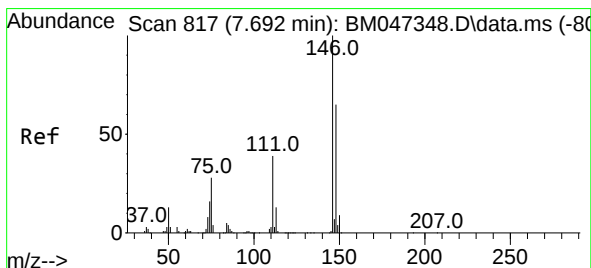
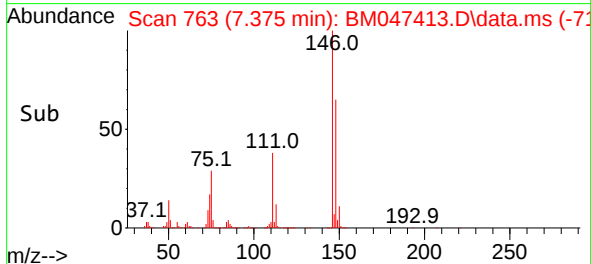
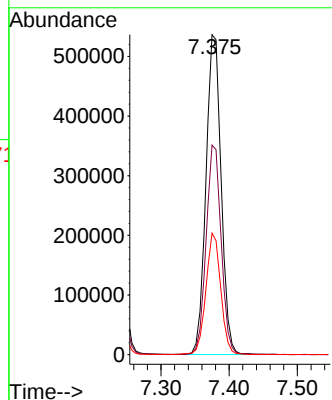
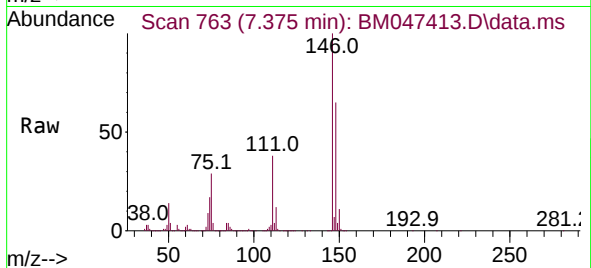




#13
1,4-Dichlorobenzene
Concen: 44.788 ng
RT: 7.375 min Scan# 701
Delta R.T. -0.012 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

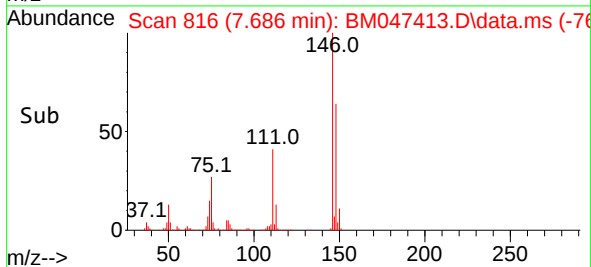
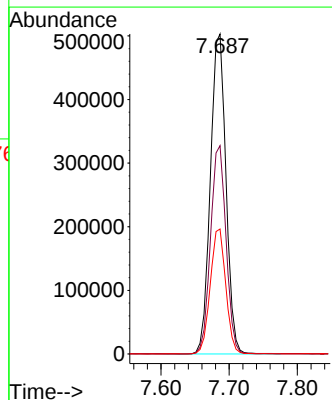
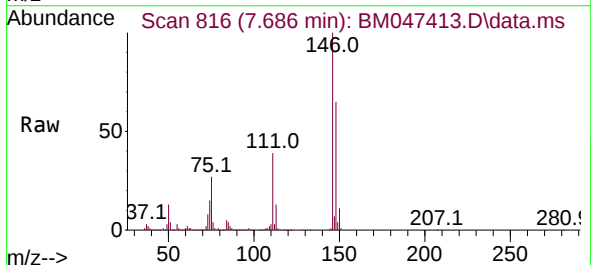
Instrument :
BNA_M
ClientSampleId :
RT-857MS

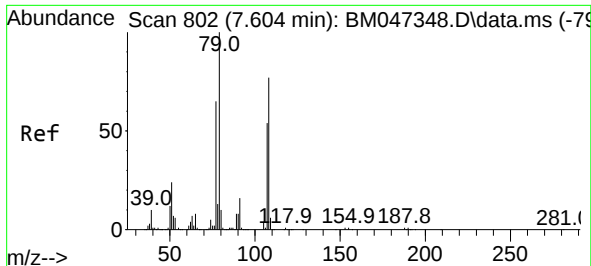
Tgt Ion:146 Resp: 830738
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.6
111 38.0 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 45.567 ng
RT: 7.686 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:146 Resp: 800967
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.6
111 39.1 31.7 47.5

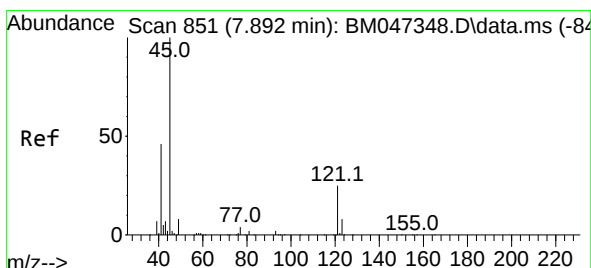
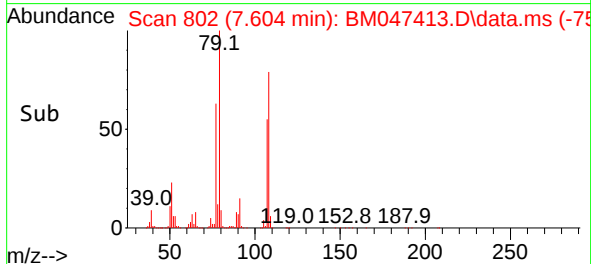
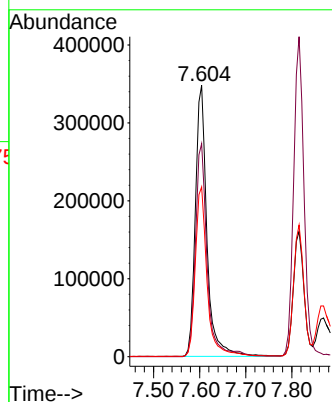
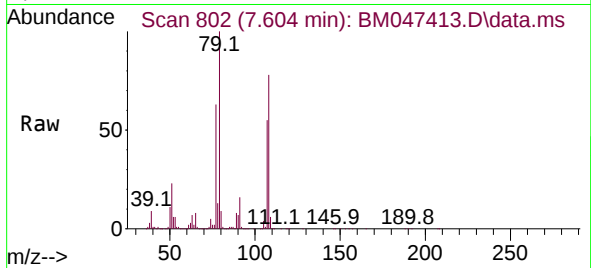




#15
Benzyl Alcohol
Concen: 47.955 ng
RT: 7.604 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

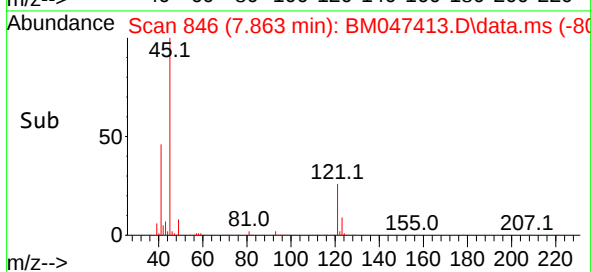
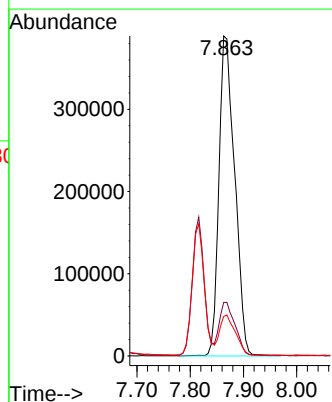
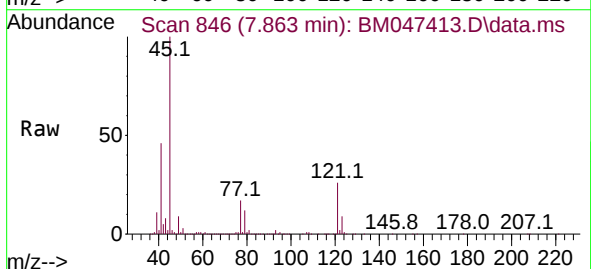
Instrument :
BNA_M
ClientSampleId :
RT-857MS

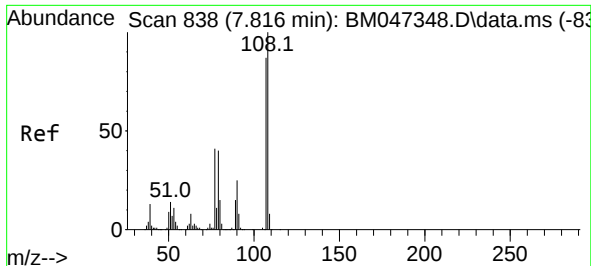
Tgt Ion: 79 Resp: 606049
Ion Ratio Lower Upper
79 100
108 78.5 61.1 91.7
77 62.6 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.051 ng
RT: 7.863 min Scan# 846
Delta R.T. -0.029 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion: 45 Resp: 802287
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.7
79 12.3 0.0 33.0





#17

2-Methylphenol

Concen: 45.501 ng

RT: 7.816 min Scan# 838

Delta R.T. -0.000 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

Tgt Ion:107 Resp: 566962

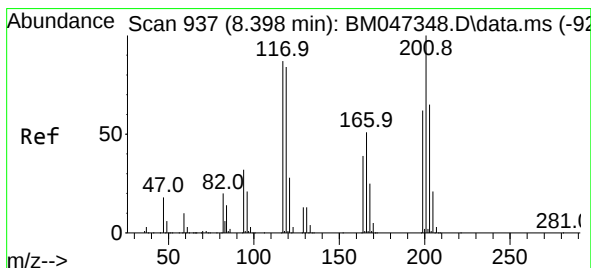
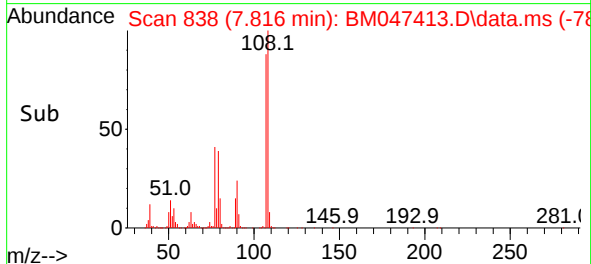
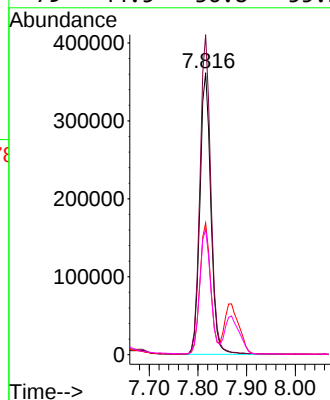
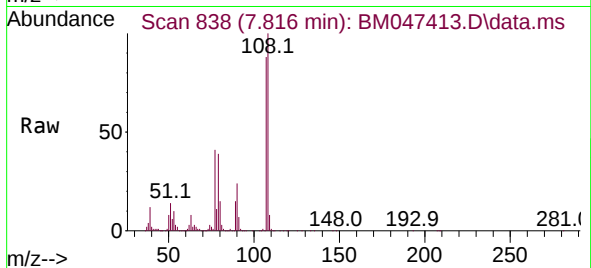
Ion Ratio Lower Upper

107 100

108 113.5 91.6 137.4

77 46.7 38.0 57.0

79 44.5 36.8 55.2



#18

Hexachloroethane

Concen: 42.941 ng

RT: 8.386 min Scan# 935

Delta R.T. -0.012 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

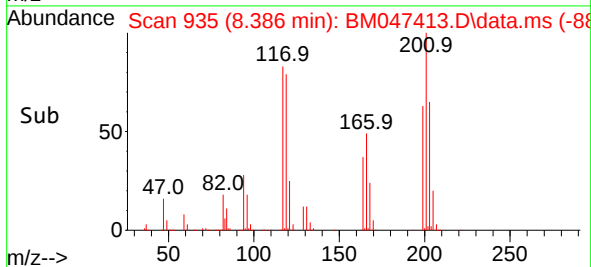
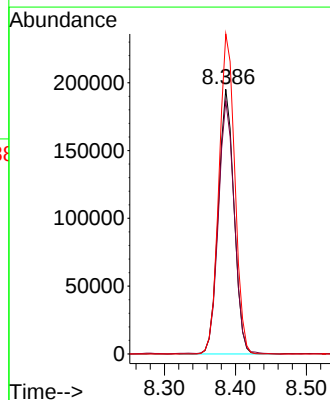
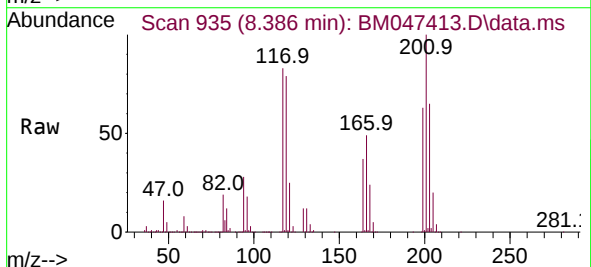
Tgt Ion:117 Resp: 297749

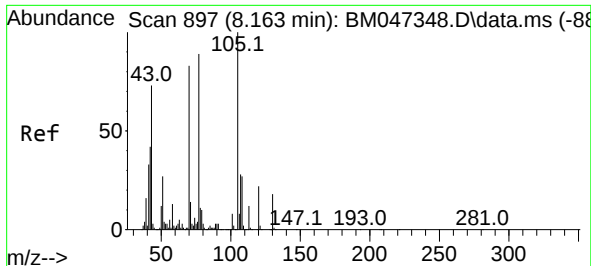
Ion Ratio Lower Upper

117 100

119 95.6 77.8 116.8

201 120.9 92.3 138.5

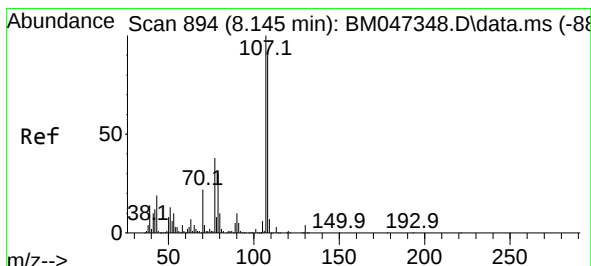
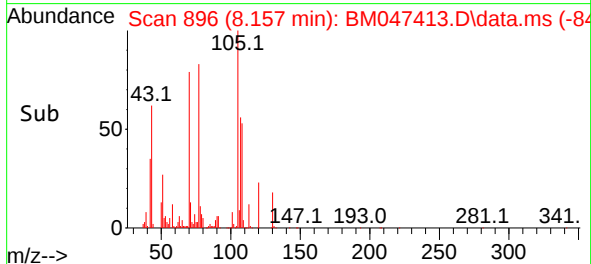
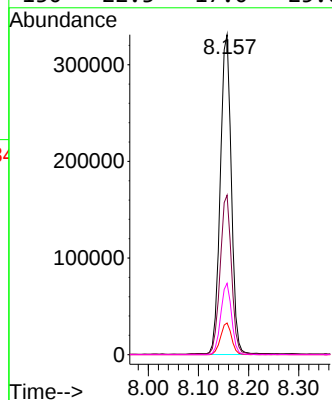
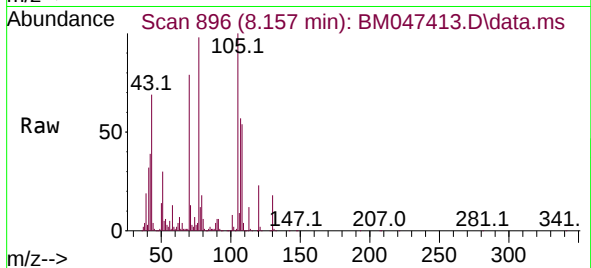




#19
n-Nitroso-di-n-propylamine
Concen: 40.595 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

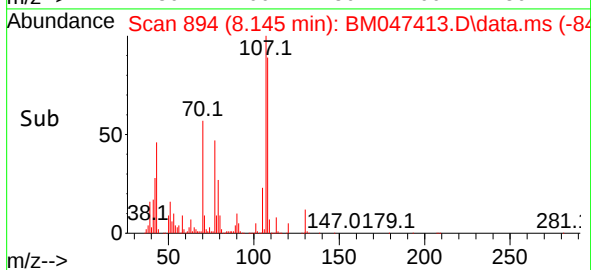
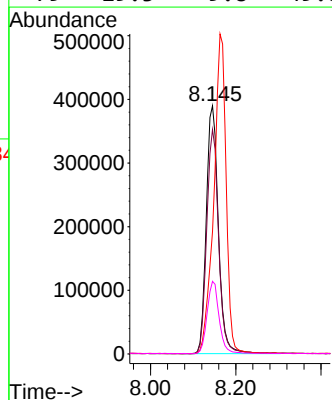
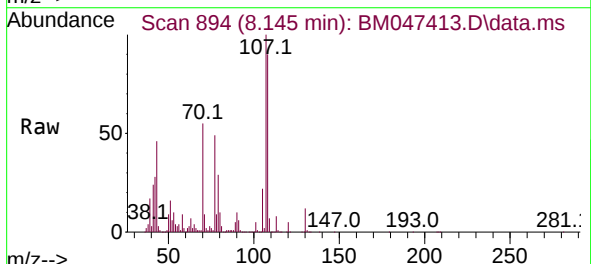
Instrument :
BNA_M
ClientSampleId :
RT-857MS

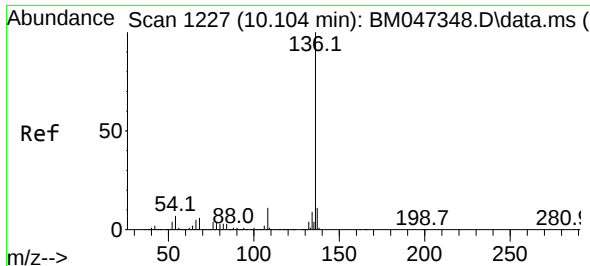
Tgt Ion: 70 Resp: 508680
Ion Ratio Lower Upper
70 100
42 49.8 41.0 61.4
101 9.9 7.9 11.9
130 22.3 17.0 25.6



#20
3+4-Methylphenols
Concen: 44.320 ng
RT: 8.145 min Scan# 894
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion: 107 Resp: 767832
Ion Ratio Lower Upper
107 100
108 90.4 69.8 109.8
77 49.3 18.0 58.0
79 29.3 9.8 49.8

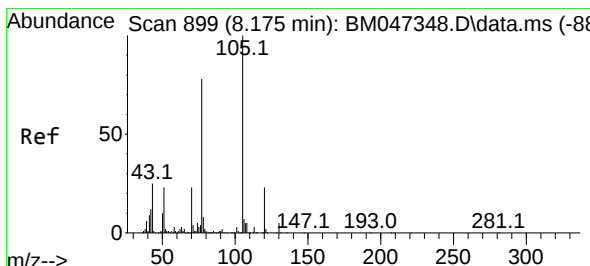
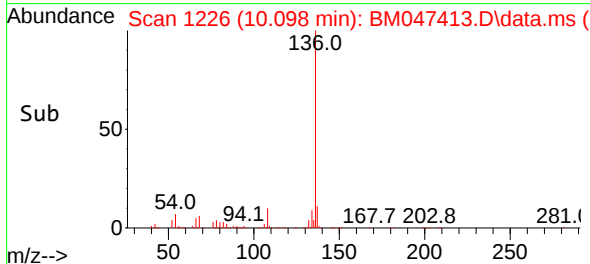
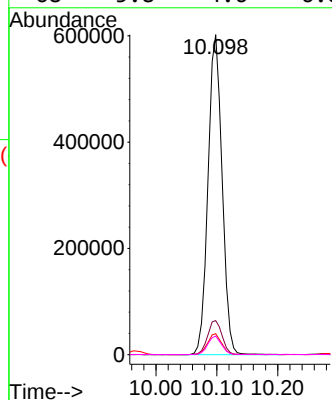
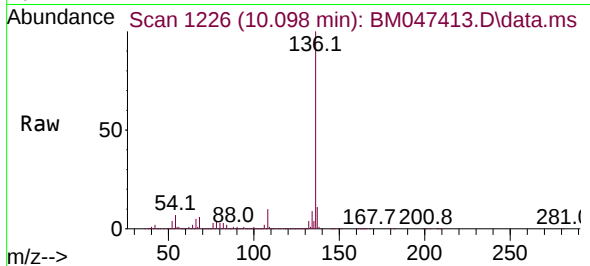




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

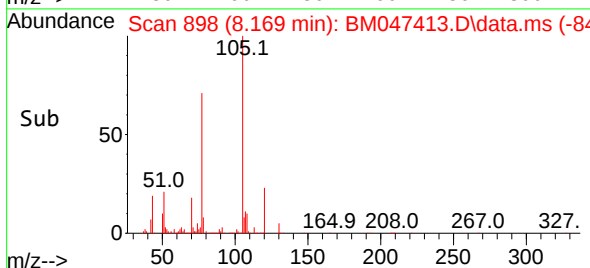
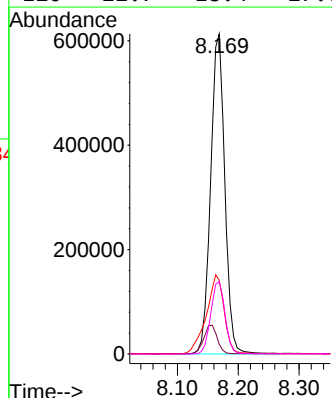
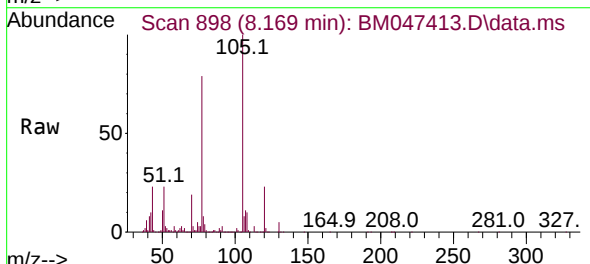
Instrument :
BNA_M
ClientSampleId :
RT-857MS

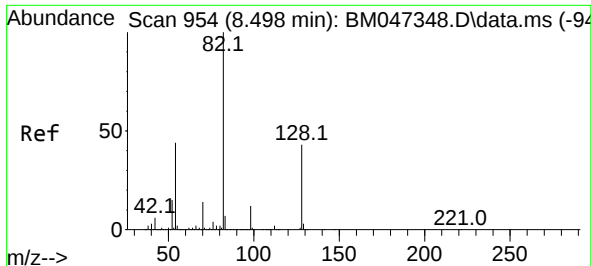
Tgt Ion:	136	Resp:	966735
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	5.2	7.8
68	5.8	4.6	6.8



#22
Acetophenone
Concen: 44.257 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:	105	Resp:	992943
Ion	Ratio	Lower	Upper
105	100		
71	3.0	3.1	4.7#
51	23.0	18.7	28.1
120	22.7	18.4	27.6

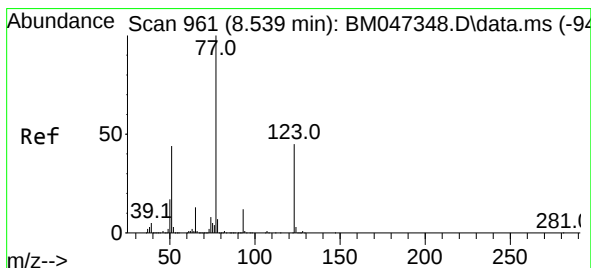
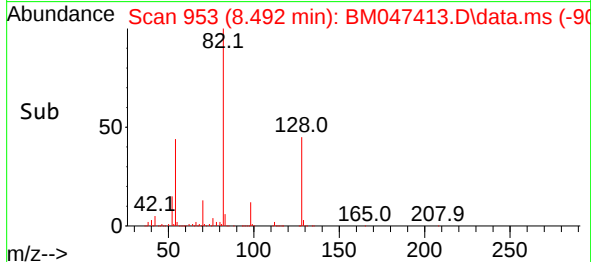
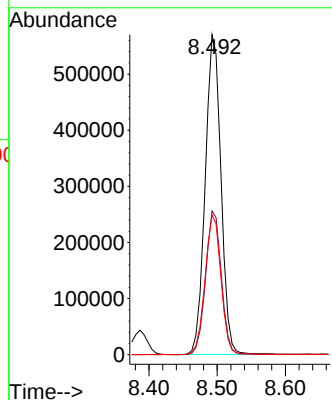
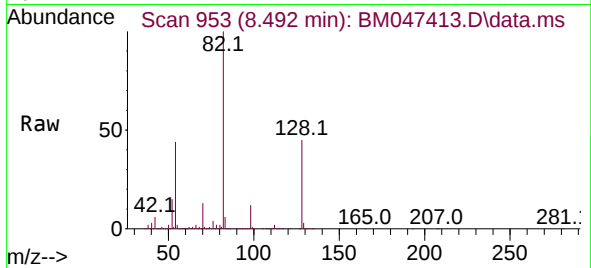




#23
Nitrobenzene-d5
Concen: 52.815 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

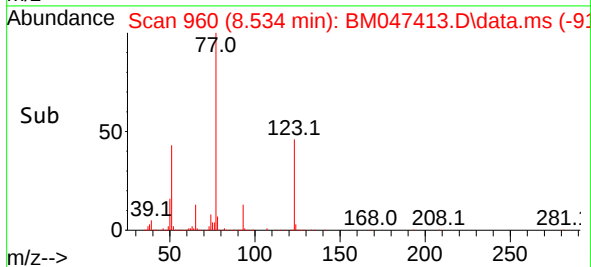
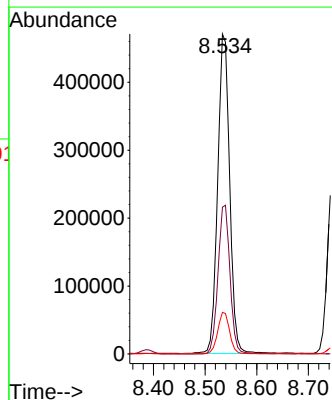
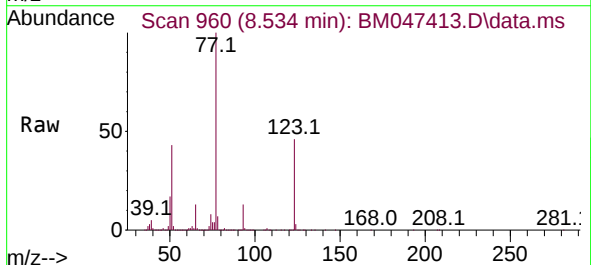
Instrument :
BNA_M
ClientSampleId :
RT-857MS

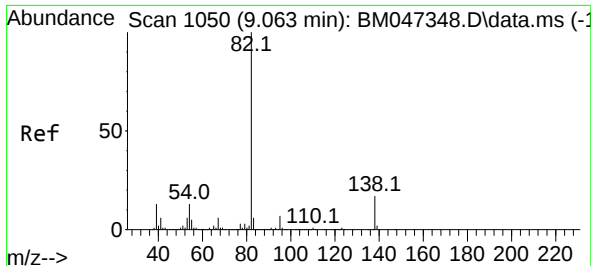
Tgt Ion: 82 Resp: 920196
Ion Ratio Lower Upper
82 100
128 44.9 34.6 51.8
54 43.7 35.5 53.3



#24
Nitrobenzene
Concen: 42.196 ng
RT: 8.534 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion: 77 Resp: 756129
Ion Ratio Lower Upper
77 100
123 45.8 35.6 53.4
65 13.0 10.5 15.7

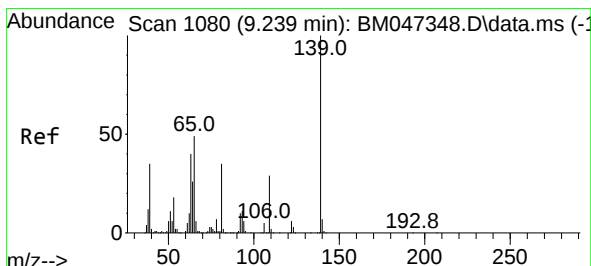
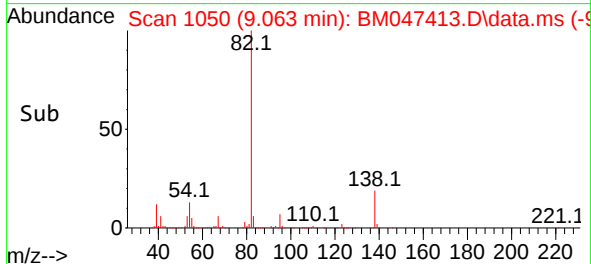
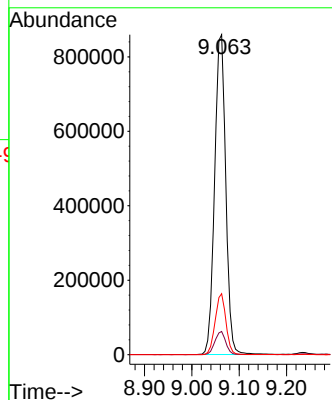
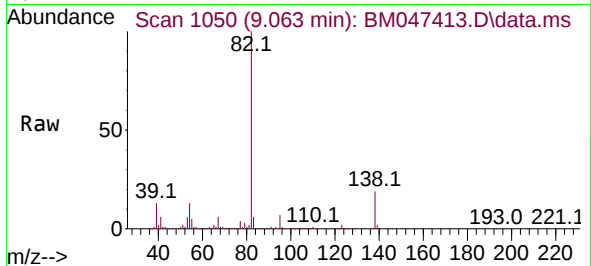




#25
Isophorone
Concen: 42.572 ng
RT: 9.063 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

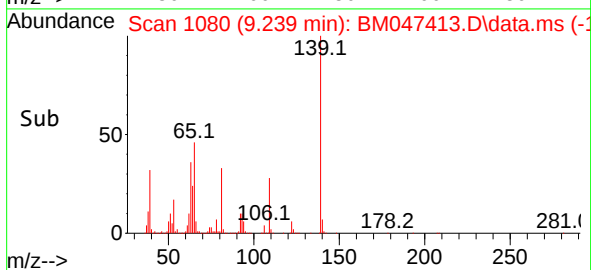
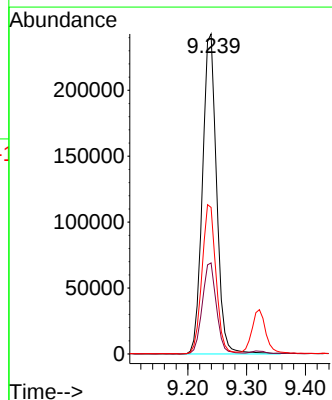
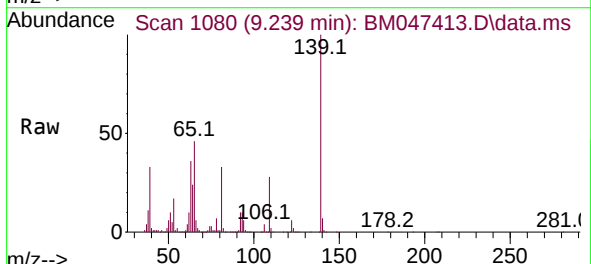
Instrument :
BNA_M
ClientSampleId :
RT-857MS

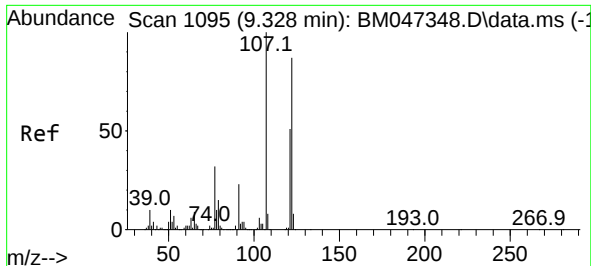
Tgt Ion: 82 Resp: 1401883
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.0 13.9 20.9



#26
2-Nitrophenol
Concen: 46.164 ng
RT: 9.239 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:139 Resp: 406902
Ion Ratio Lower Upper
139 100
109 28.4 23.4 35.0
65 45.8 39.6 59.4

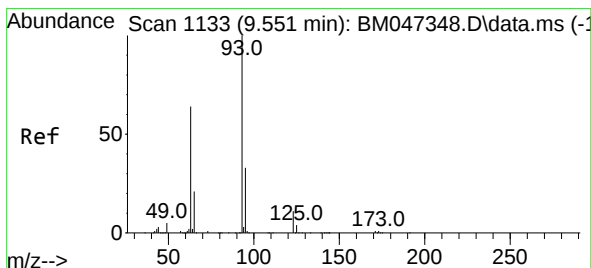
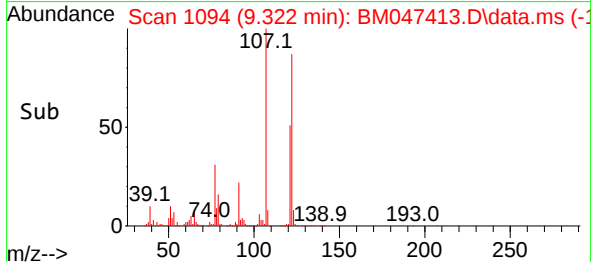
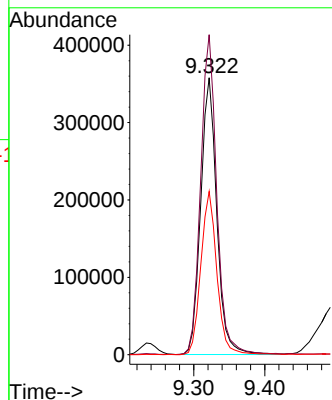
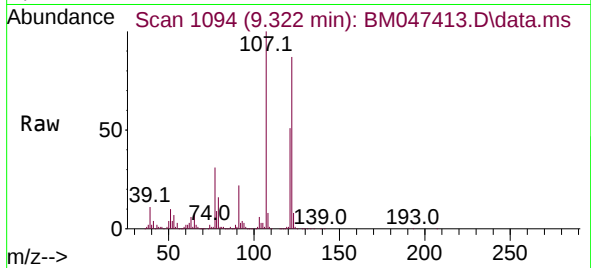




#27
2,4-Dimethylphenol
Concen: 56.850 ng
RT: 9.322 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

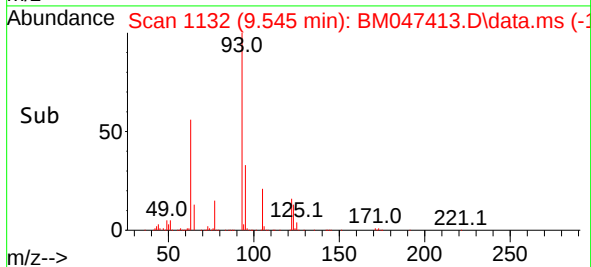
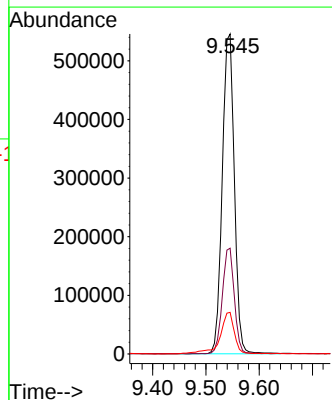
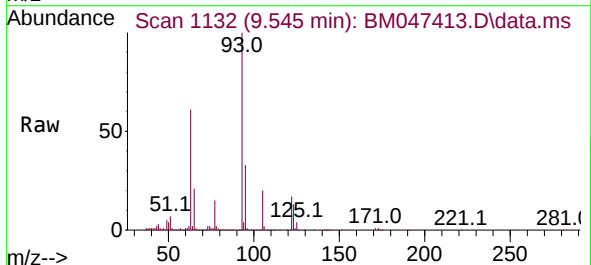
Instrument :
BNA_M
ClientSampleId :
RT-857MS

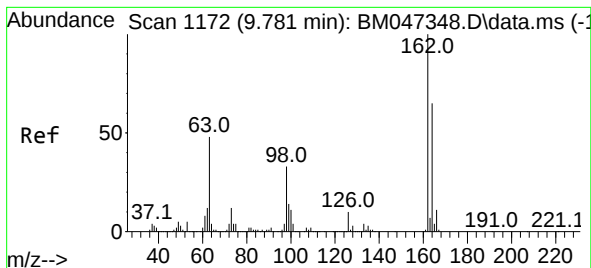
Tgt Ion:122 Resp: 565613
Ion Ratio Lower Upper
122 100
107 115.5 91.9 137.9
121 58.9 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.577 ng
RT: 9.545 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion: 93 Resp: 858560
Ion Ratio Lower Upper
93 100
95 33.1 26.6 39.8
123 13.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 49.072 ng

RT: 9.780 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

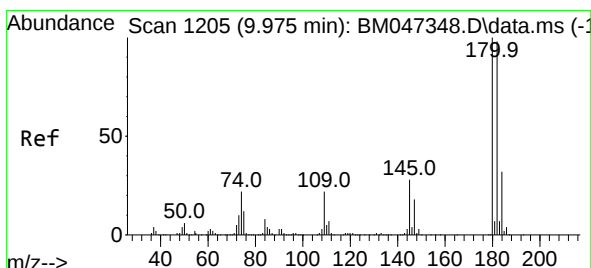
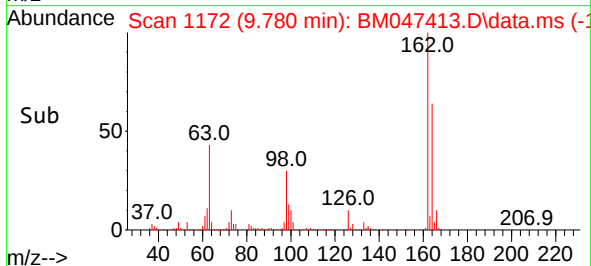
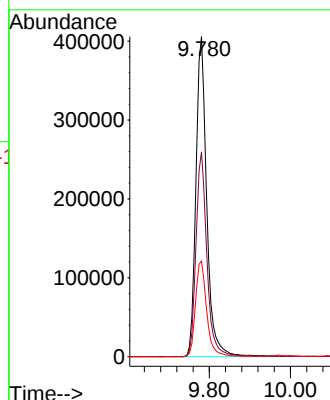
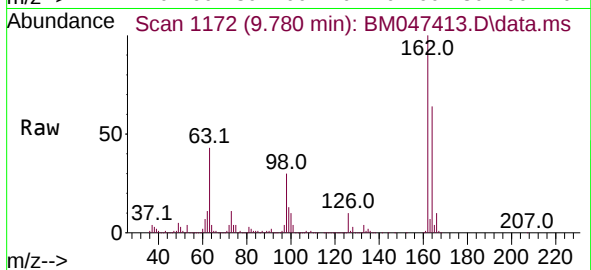
Tgt Ion:162 Resp: 757356

Ion Ratio Lower Upper

162 100

164 64.0 44.6 84.6

98 29.9 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 46.079 ng

RT: 9.969 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

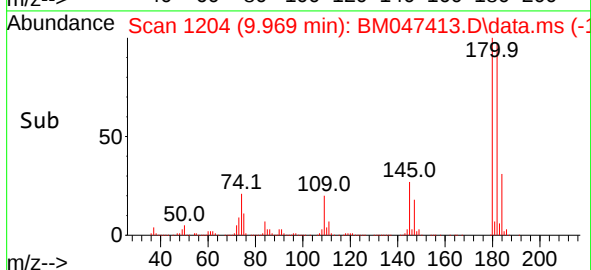
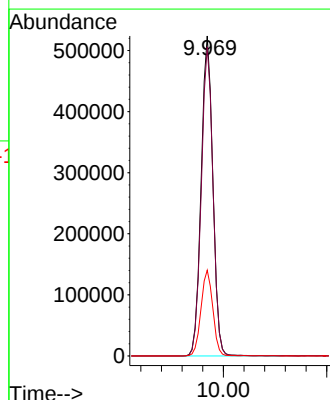
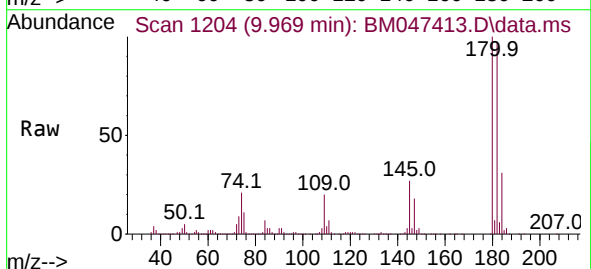
Tgt Ion:180 Resp: 821418

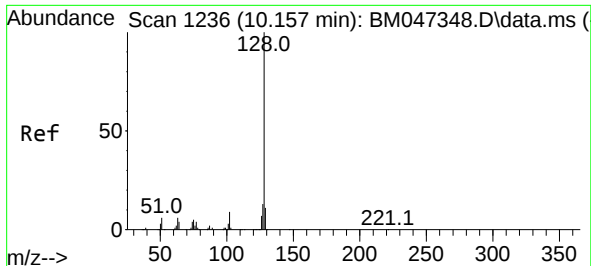
Ion Ratio Lower Upper

180 100

182 96.6 78.2 117.2

145 26.8 22.3 33.5

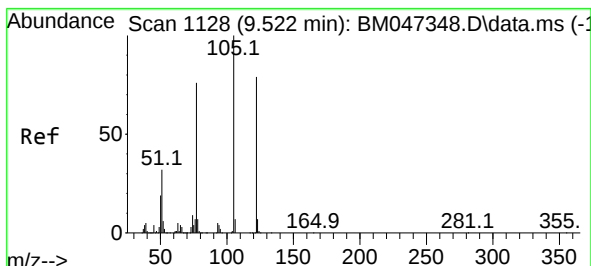
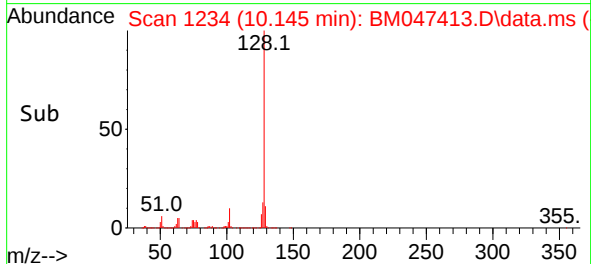
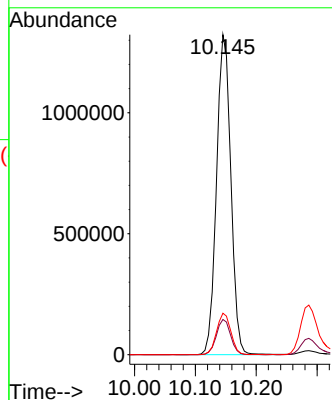
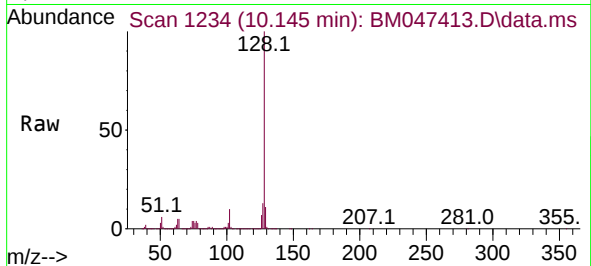




#31
Naphthalene
Concen: 45.599 ng
RT: 10.145 min Scan# 1130
Delta R.T. -0.012 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

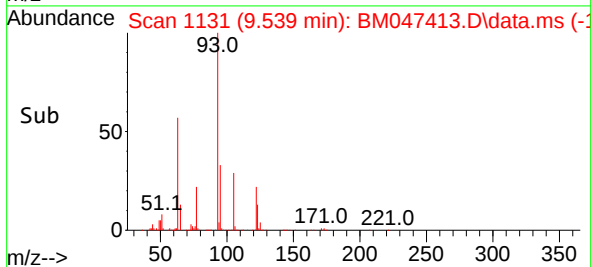
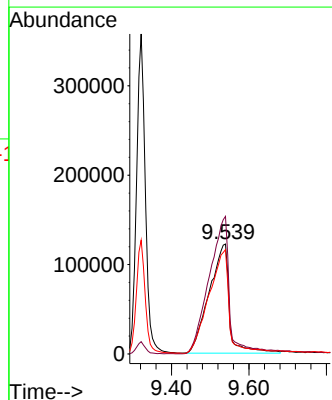
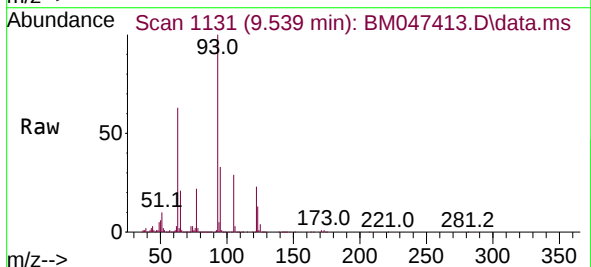
Instrument :
BNA_M
ClientSampleId :
RT-857MS

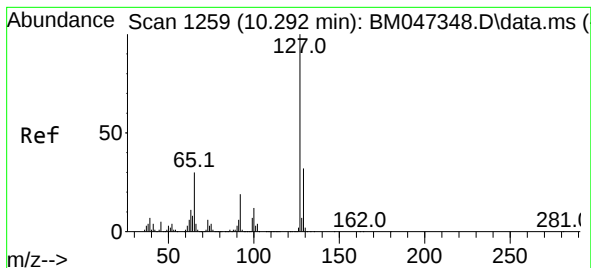
Tgt Ion:128 Resp: 2153079
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 37.489 ng
RT: 9.539 min Scan# 1131
Delta R.T. 0.017 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:122 Resp: 445377
Ion Ratio Lower Upper
122 100
105 125.2 106.0 146.0
77 94.9 76.3 116.3





#33

4-Chloroaniline

Concen: 24.949 ng

RT: 10.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

Tgt Ion:127 Resp: 438016

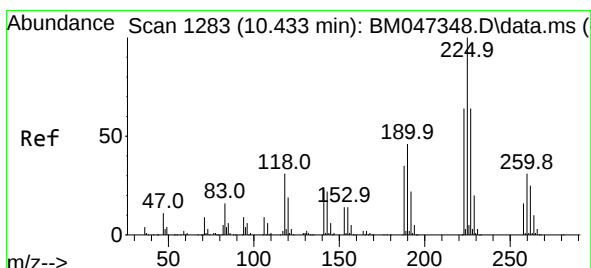
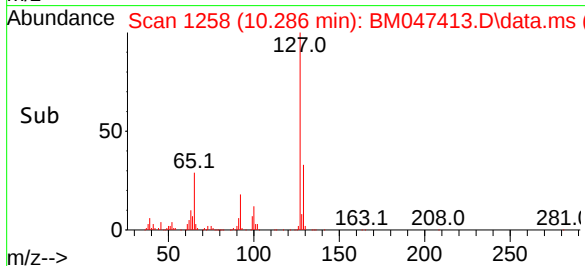
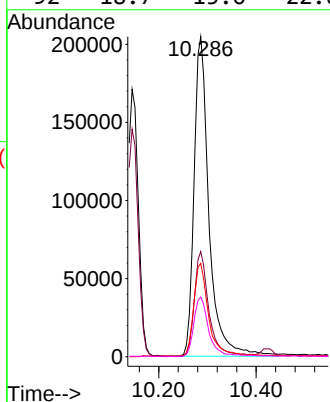
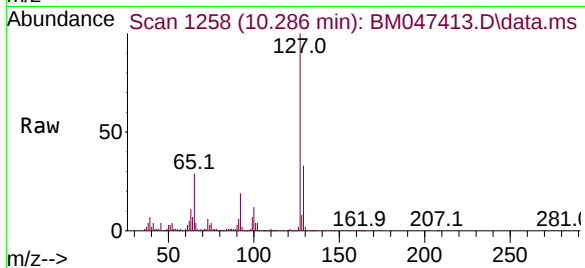
Ion Ratio Lower Upper

127 100

129 32.9 25.8 38.8

65 29.2 24.2 36.2

92 18.7 15.0 22.6



#34

Hexachlorobutadiene

Concen: 47.877 ng

RT: 10.422 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

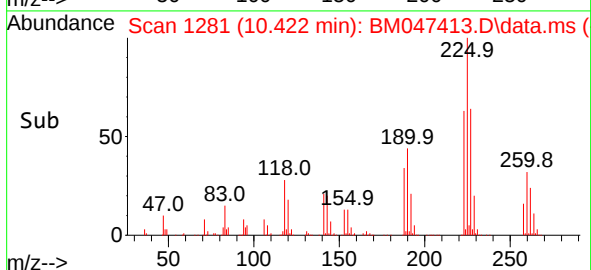
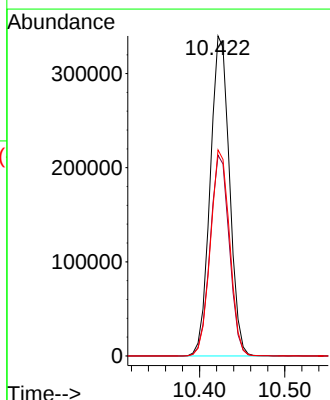
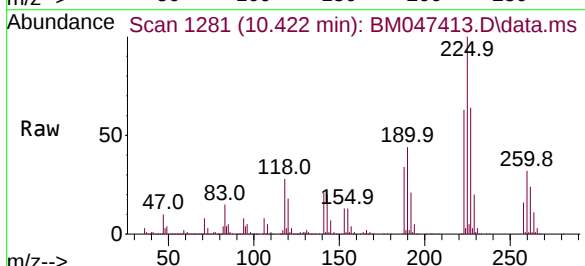
Tgt Ion:225 Resp: 533018

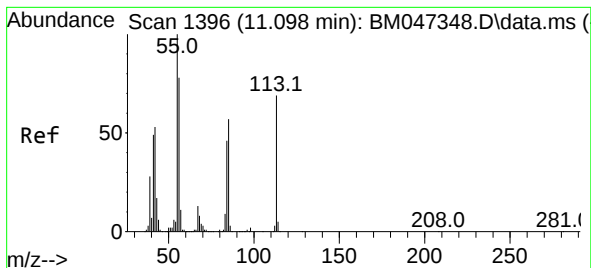
Ion Ratio Lower Upper

225 100

223 62.7 51.1 76.7

227 64.4 51.0 76.6





#35

Caprolactam

Concen: 42.699 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

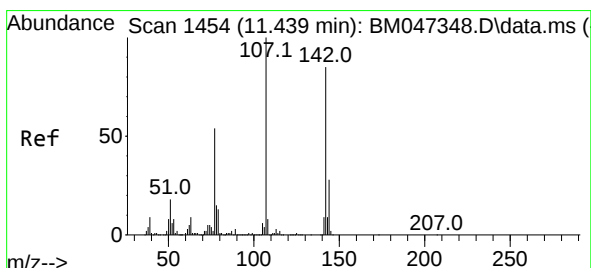
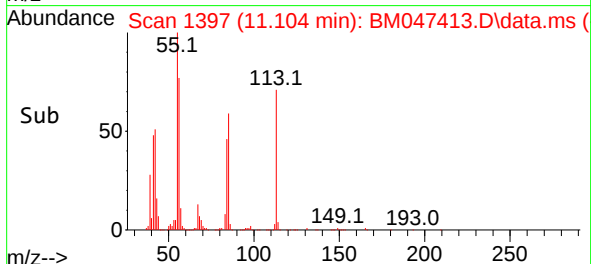
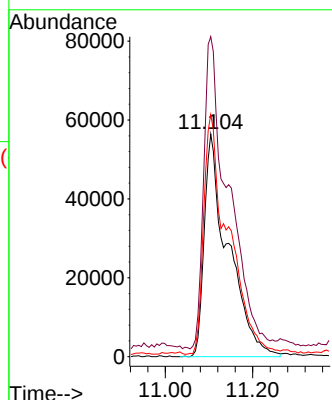
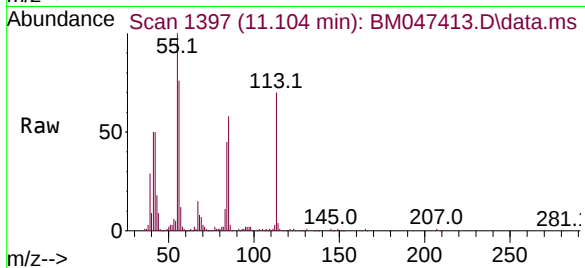
Tgt Ion:113 Resp: 213477

Ion Ratio Lower Upper

113 100

55 143.7 126.2 166.2

56 108.7 93.2 133.2



#36

4-Chloro-3-methylphenol

Concen: 43.518 ng

RT: 11.445 min Scan# 1455

Delta R.T. 0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

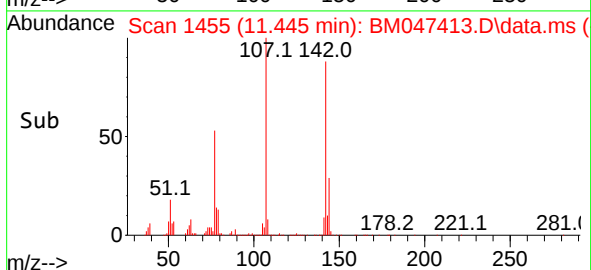
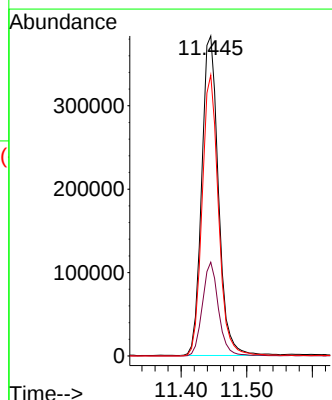
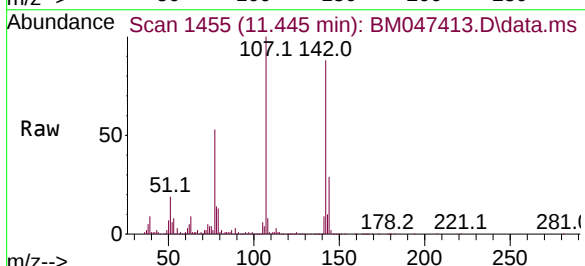
Tgt Ion:107 Resp: 682053

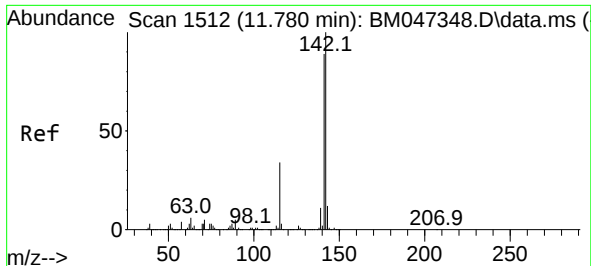
Ion Ratio Lower Upper

107 100

144 29.3 22.2 33.4

142 87.8 67.7 101.5

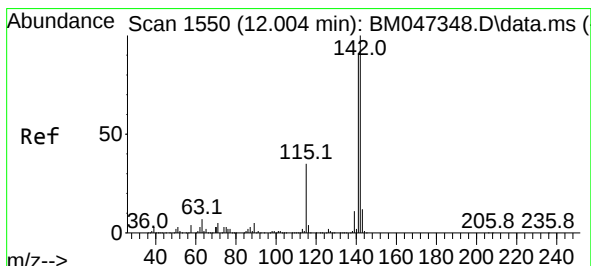
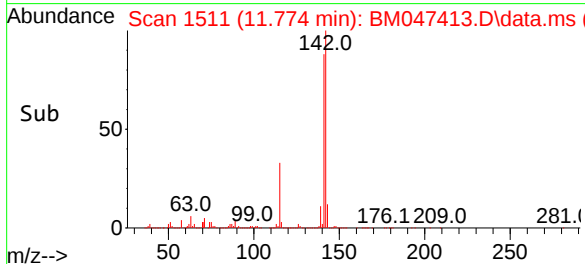
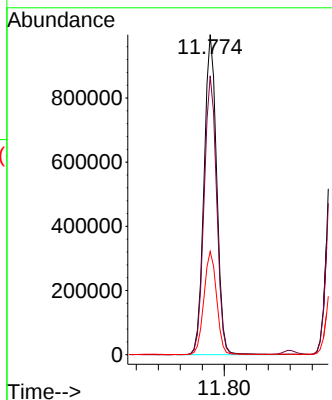
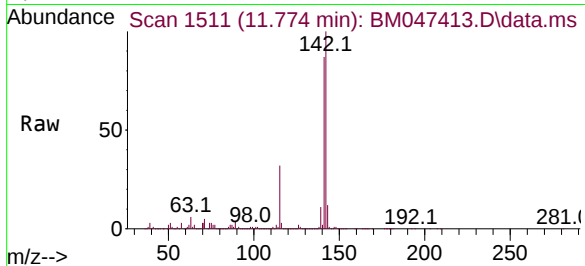




#37
2-Methylnaphthalene
Concen: 45.989 ng
RT: 11.774 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

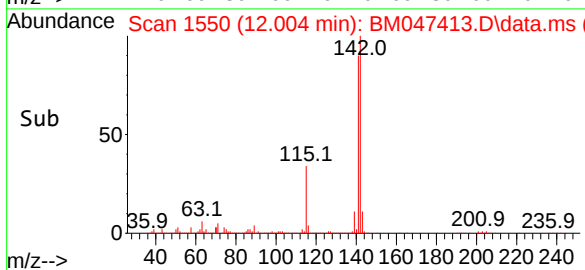
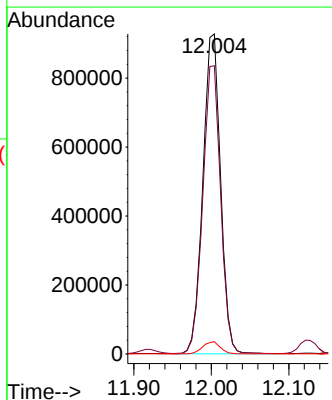
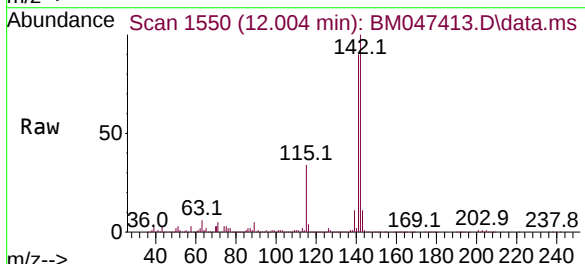
Instrument :
BNA_M
ClientSampleId :
RT-857MS

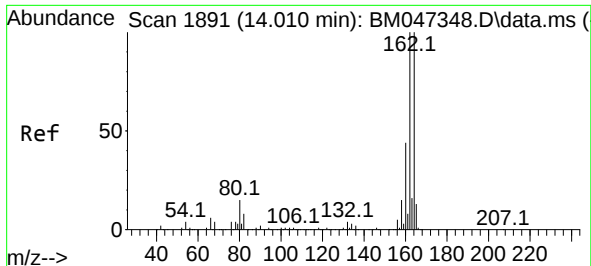
Tgt Ion:142 Resp: 1583300
Ion Ratio Lower Upper
142 100
141 87.1 70.8 106.2
115 32.3 27.5 41.3



#38
1-Methylnaphthalene
Concen: 43.126 ng
RT: 12.004 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:142 Resp: 1468427
Ion Ratio Lower Upper
142 100
141 90.1 72.9 109.3
116 3.9 3.0 4.6

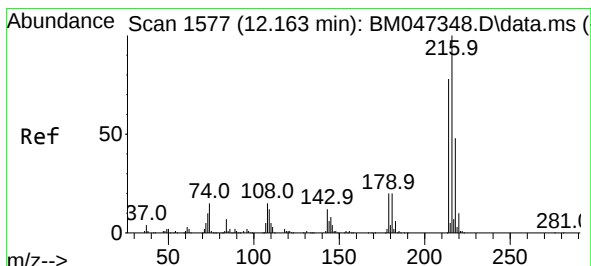
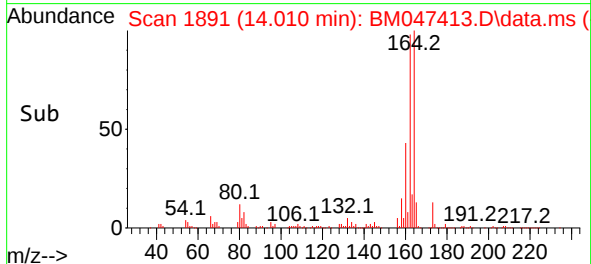
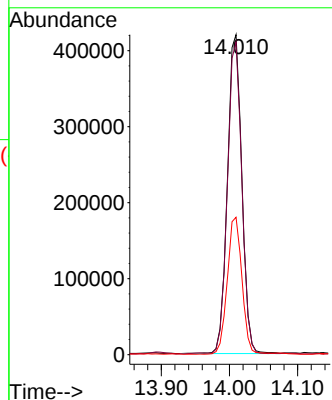
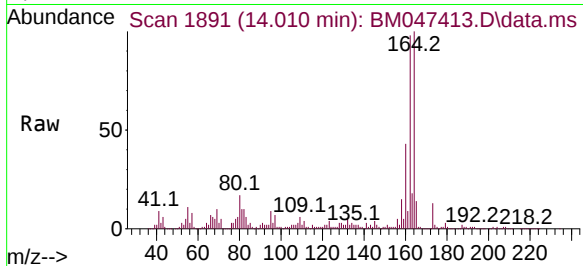




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

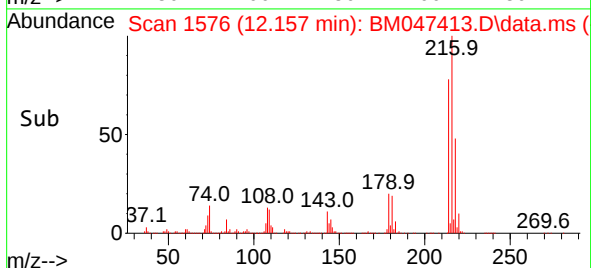
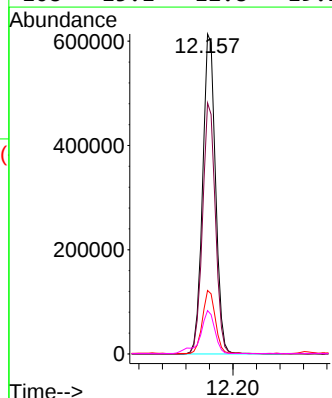
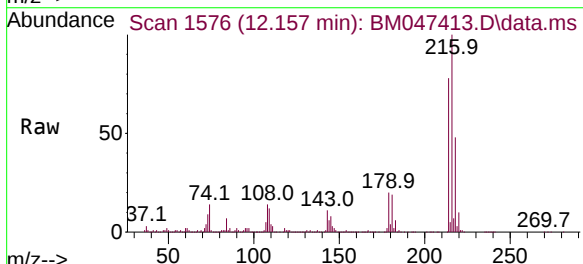
Instrument :
BNA_M
ClientSampleId :
RT-857MS

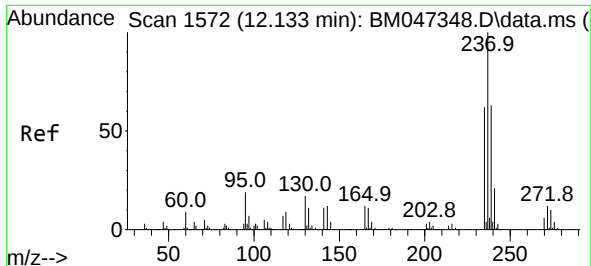
Tgt Ion:164 Resp: 618719
Ion Ratio Lower Upper
164 100
162 97.7 79.7 119.5
160 43.0 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.852 ng
RT: 12.157 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:216 Resp: 931683
Ion Ratio Lower Upper
216 100
214 78.3 62.6 94.0
179 19.7 16.6 24.8
108 15.1 12.8 19.2

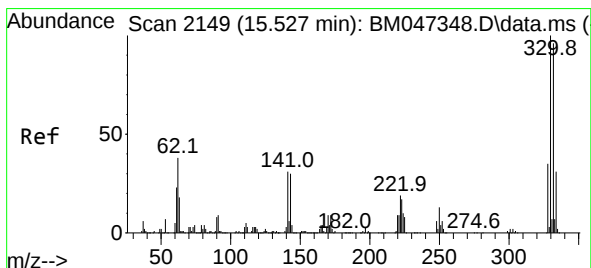
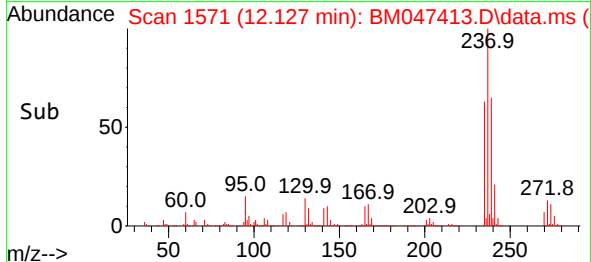
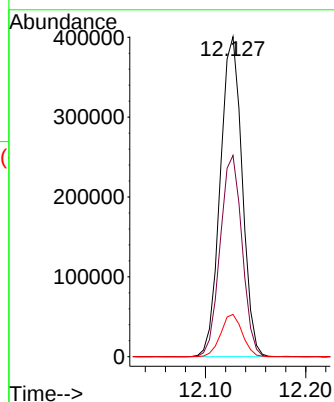
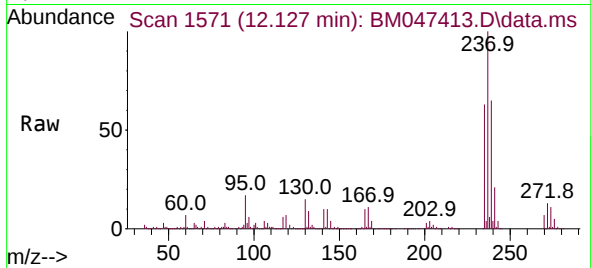




#41
Hexachlorocyclopentadiene
Concen: 104.884 ng
RT: 12.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

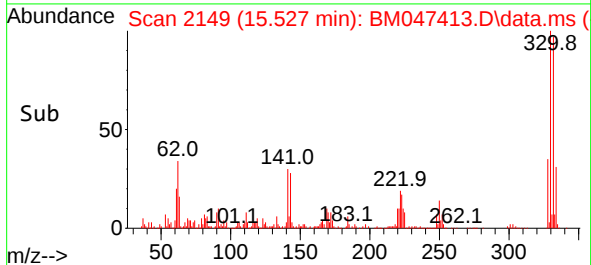
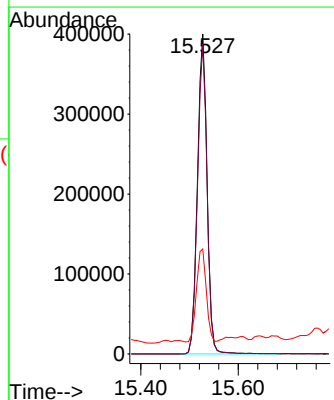
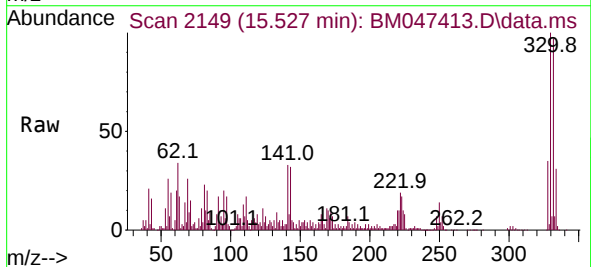
Instrument :
BNA_M
ClientSampleId :
RT-857MS

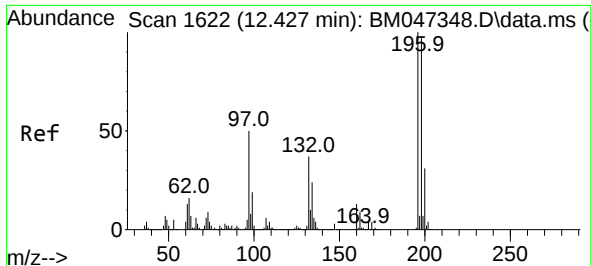
Tgt Ion:237 Resp: 606478
Ion Ratio Lower Upper
237 100
235 62.9 42.1 82.1
272 13.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 74.089 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:330 Resp: 553056
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 29.6 27.6 41.4

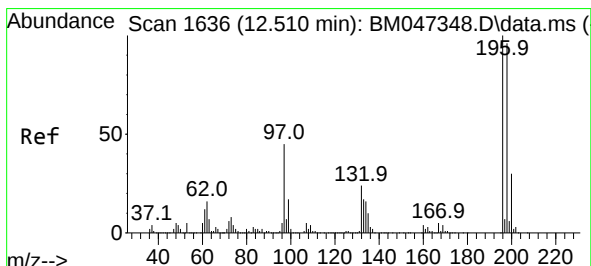
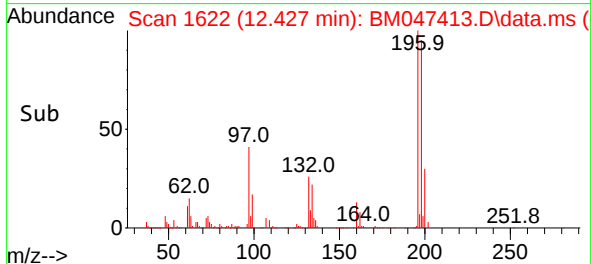
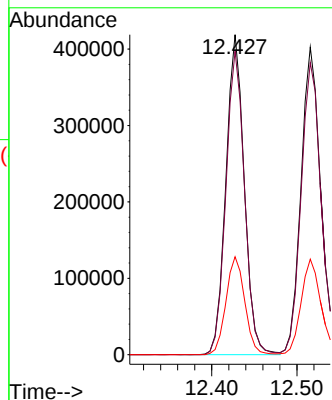
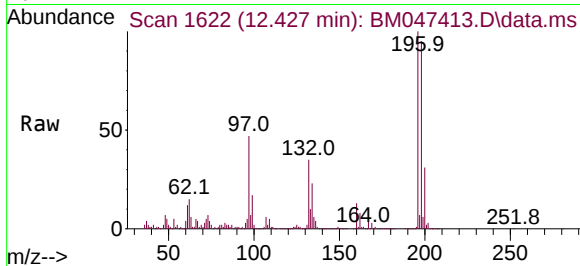




#43
2,4,6-Trichlorophenol
Concen: 49.959 ng
RT: 12.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

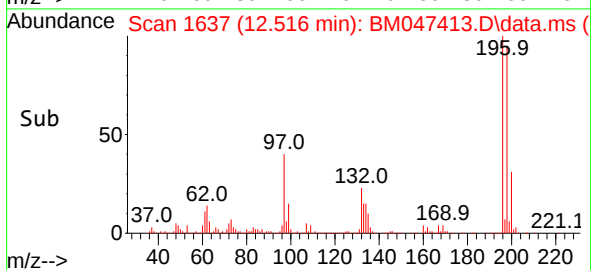
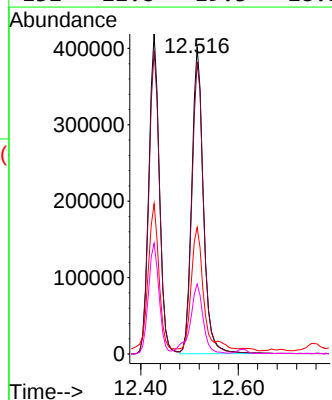
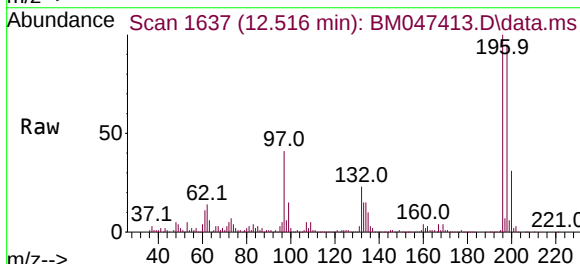
Instrument :
BNA_M
ClientSampleId :
RT-857MS

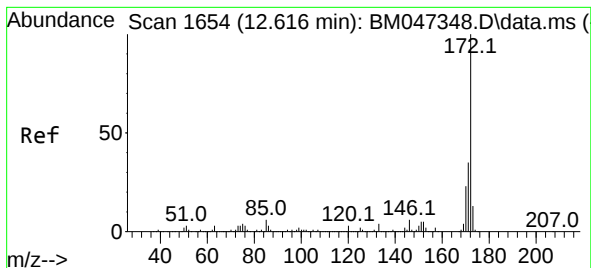
Tgt Ion:196 Resp: 627465
Ion Ratio Lower Upper
196 100
198 94.8 78.2 117.2
200 30.6 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 47.936 ng
RT: 12.516 min Scan# 1637
Delta R.T. 0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:196 Resp: 668622
Ion Ratio Lower Upper
196 100
198 94.9 76.6 115.0
97 41.1 35.9 53.9
132 22.8 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 50.365 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

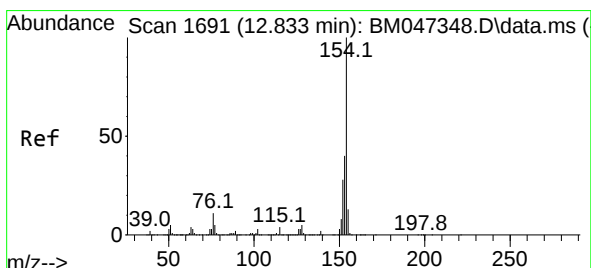
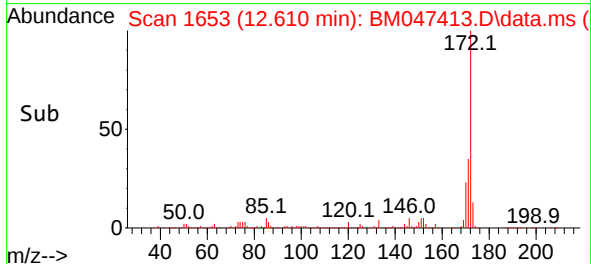
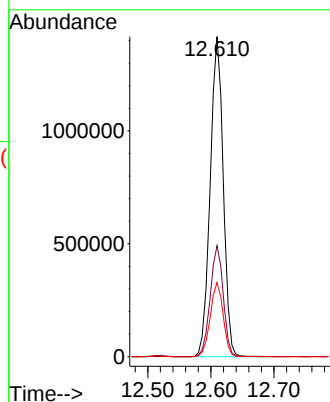
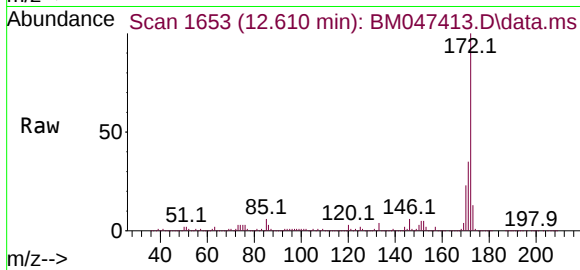
Tgt Ion:172 Resp: 2028084

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.1 18.5 27.7



#46

1,1'-Biphenyl

Concen: 47.415 ng

RT: 12.827 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

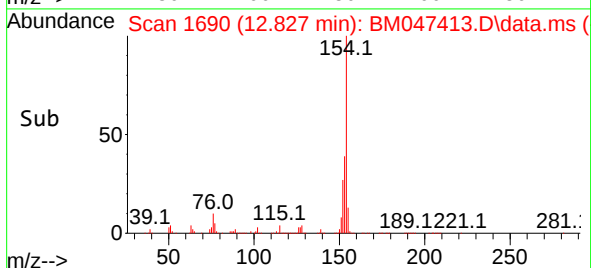
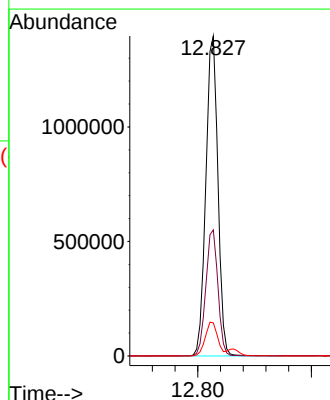
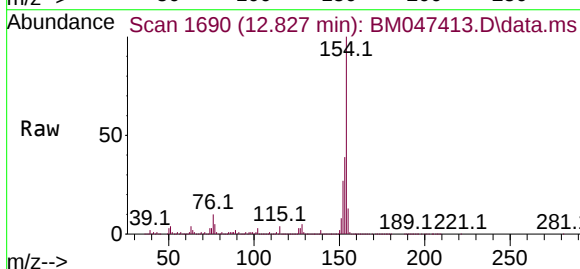
Tgt Ion:154 Resp: 2048419

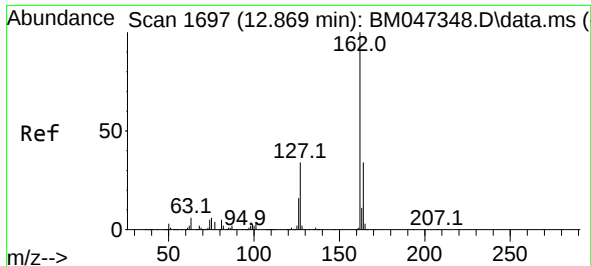
Ion Ratio Lower Upper

154 100

153 39.4 20.1 60.1

76 10.3 0.0 31.2

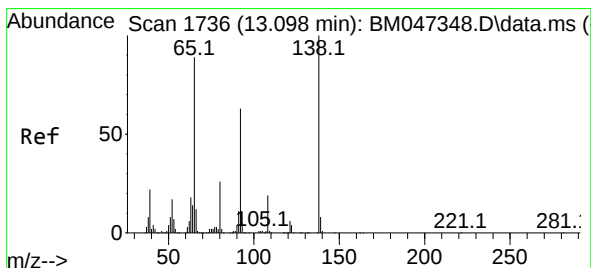
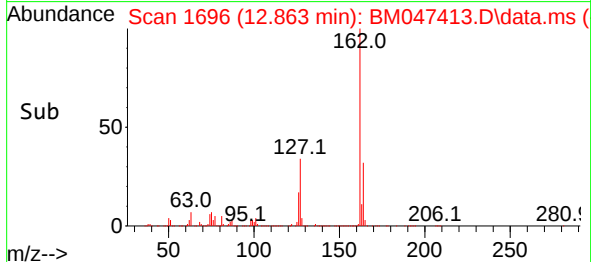
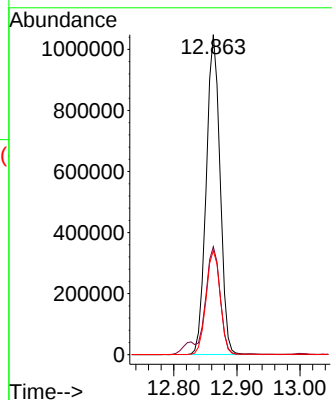
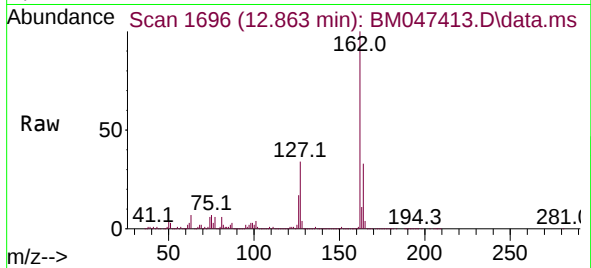




#47
2-Chloronaphthalene
Concen: 46.919 ng
RT: 12.863 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

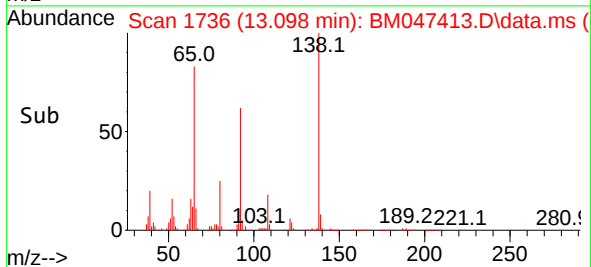
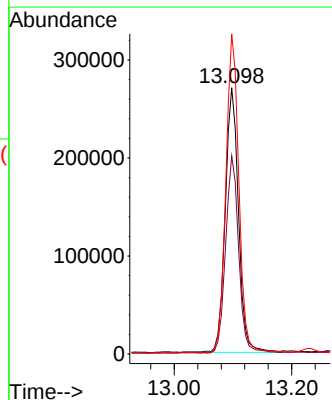
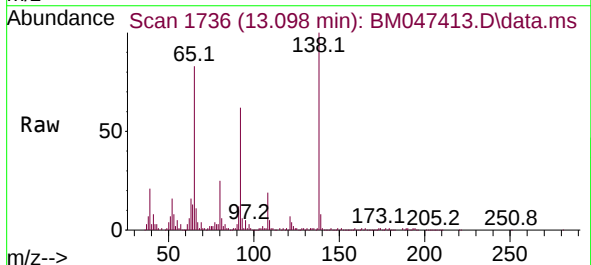
Instrument :
BNA_M
ClientSampleId :
RT-857MS

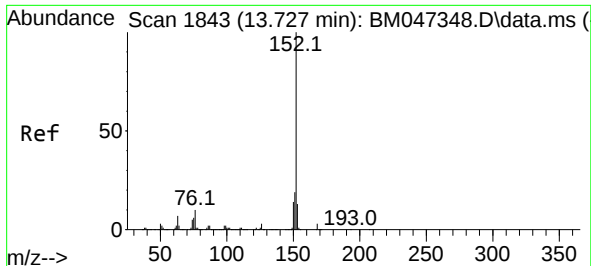
Tgt Ion:162 Resp: 1588493
Ion Ratio Lower Upper
162 100
127 33.7 28.3 42.5
164 32.5 27.0 40.4



#48
2-Nitroaniline
Concen: 44.479 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion: 65 Resp: 421819
Ion Ratio Lower Upper
65 100
92 74.4 57.0 85.6
138 120.2 90.0 135.0

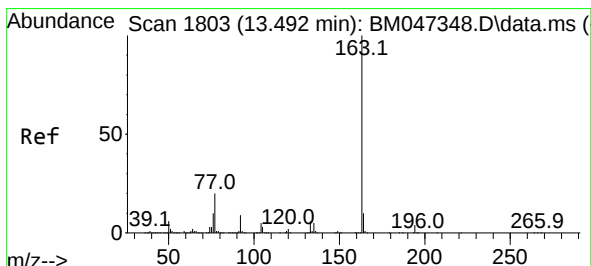
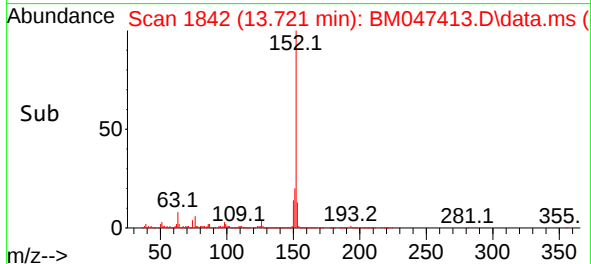
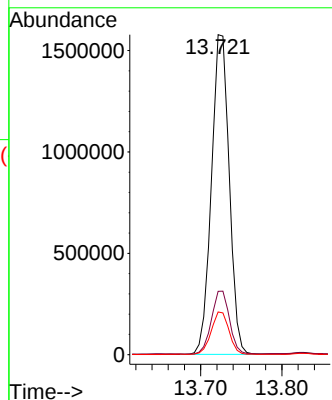
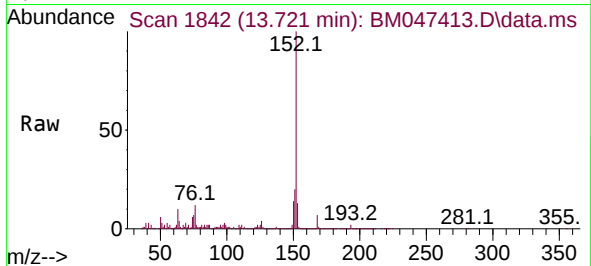




#49
Acenaphthylene
Concen: 48.825 ng
RT: 13.721 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

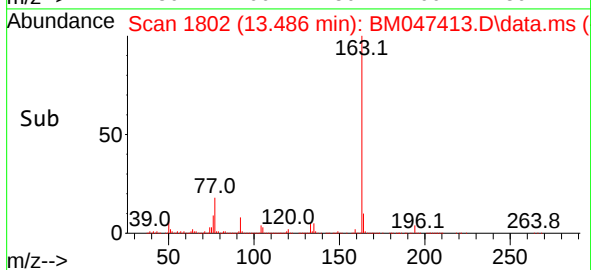
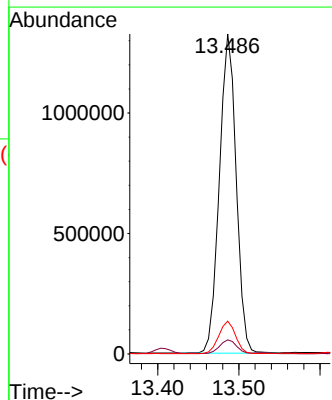
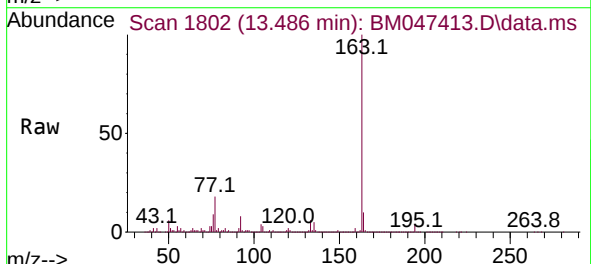
Instrument :
BNA_M
ClientSampleId :
RT-857MS

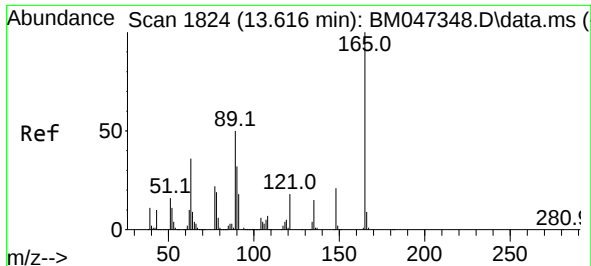
Tgt Ion:152 Resp: 2402461
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.0
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 44.839 ng
RT: 13.486 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:163 Resp: 1911574
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.2 8.2 12.4

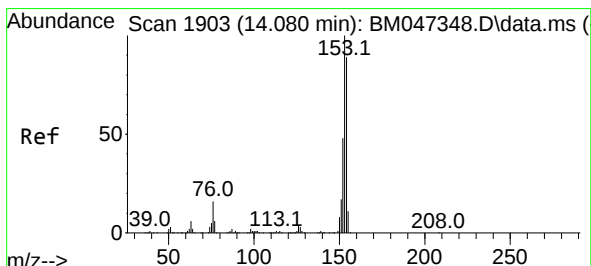
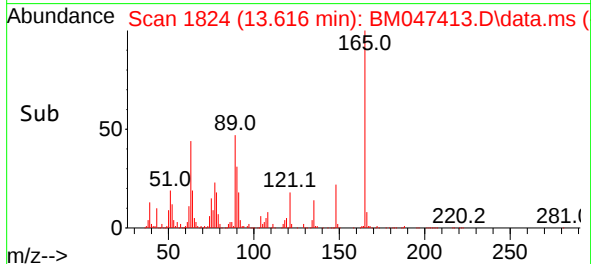
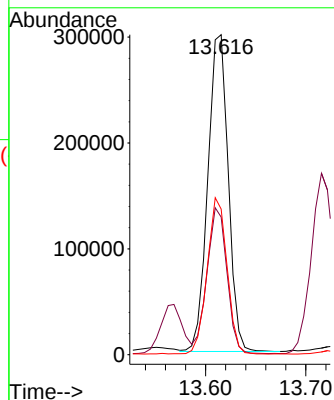
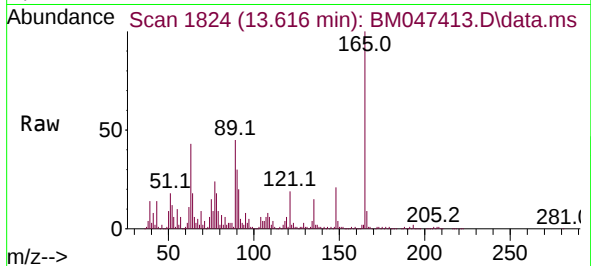




#51
2,6-Dinitrotoluene
Concen: 42.827 ng
RT: 13.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

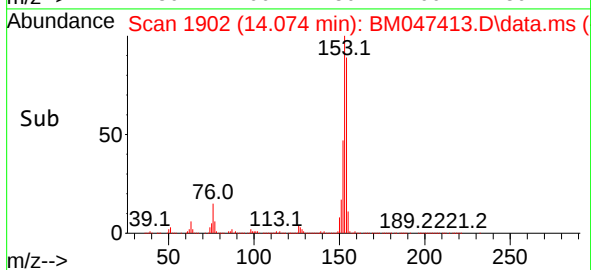
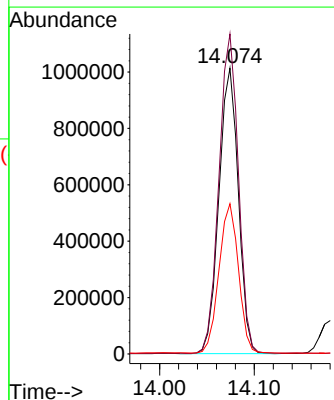
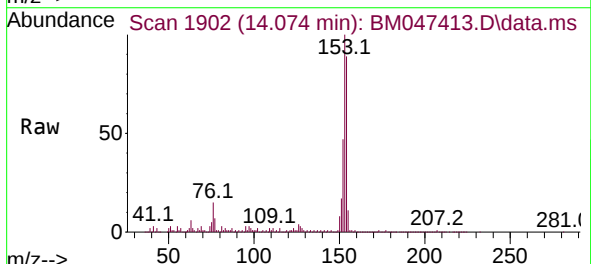
Instrument :
BNA_M
ClientSampleId :
RT-857MS

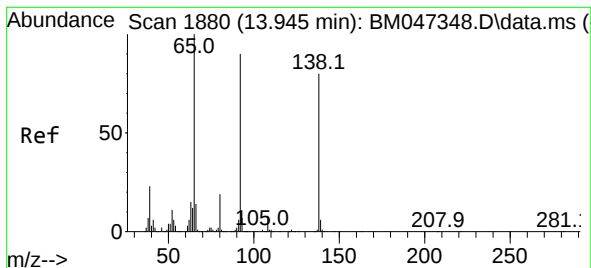
Tgt Ion:165 Resp: 425102
Ion Ratio Lower Upper
165 100
63 43.0 38.2 57.4
89 45.5 40.4 60.6



#52
Acenaphthene
Concen: 46.294 ng
RT: 14.074 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:154 Resp: 1446064
Ion Ratio Lower Upper
154 100
153 112.0 89.5 134.3
152 52.6 43.0 64.4

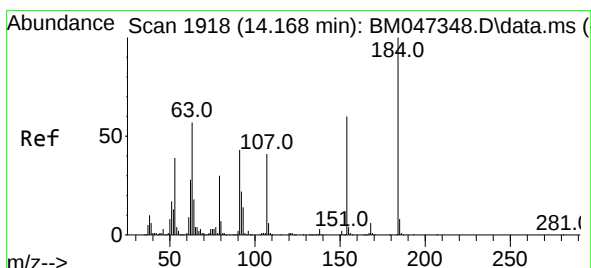
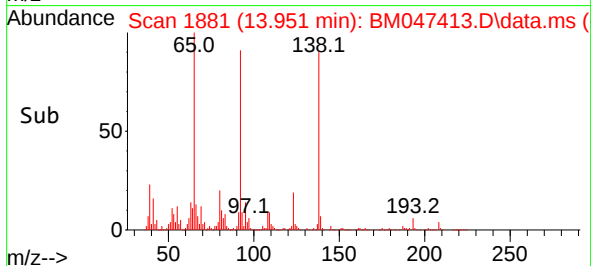
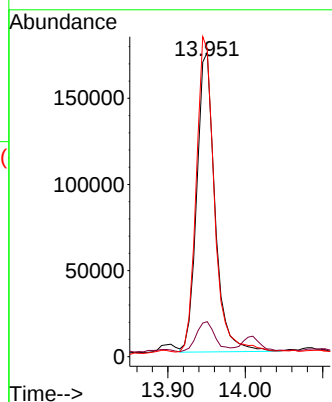
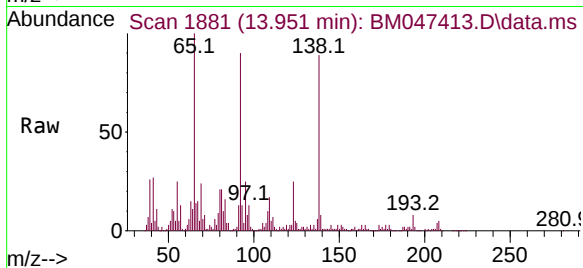




#53
3-Nitroaniline
Concen: 30.916 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

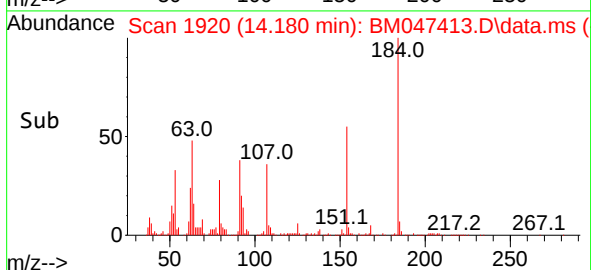
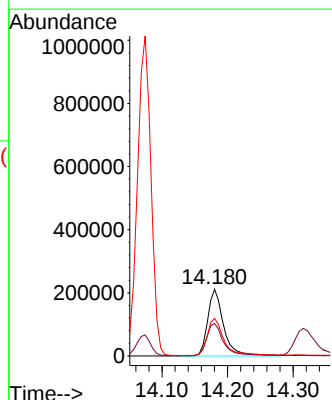
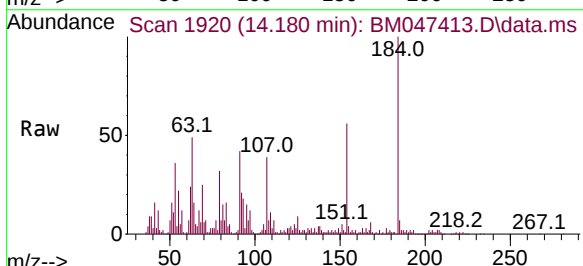
Instrument :
BNA_M
ClientSampleId :
RT-857MS

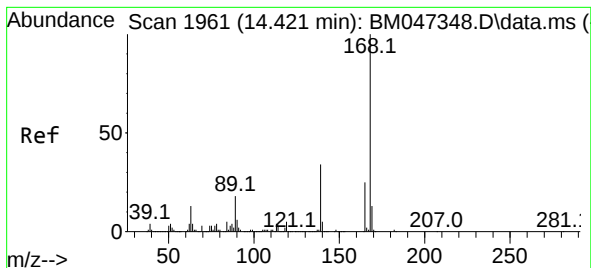
Tgt Ion:138 Resp: 283169
Ion Ratio Lower Upper
138 100
108 11.5 8.0 12.0
92 101.0 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 58.334 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.012 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:184 Resp: 356581
Ion Ratio Lower Upper
184 100
63 48.7 45.7 68.5
154 56.0 48.5 72.7





#55

Dibenzenofuran

Concen: 45.469 ng

RT: 14.415 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

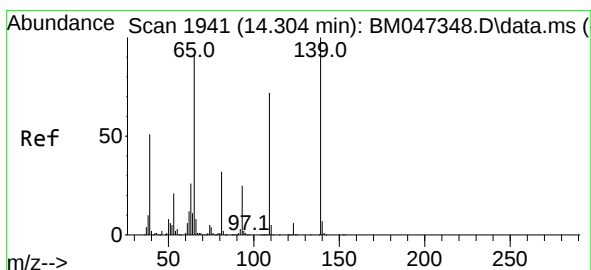
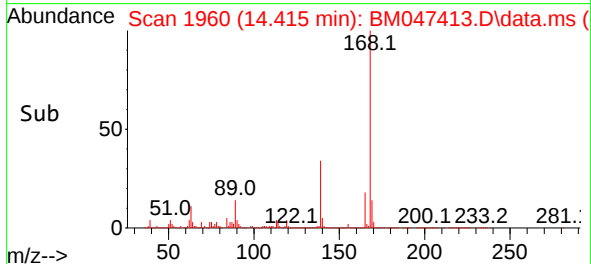
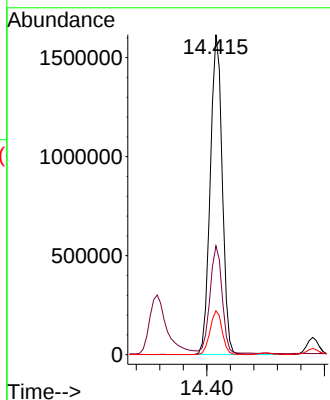
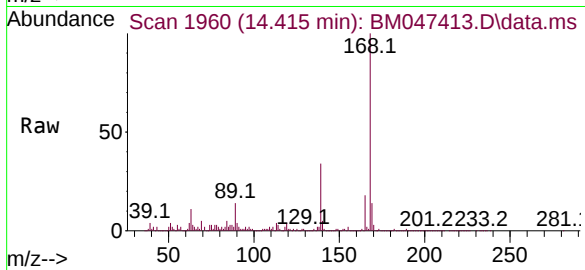
Tgt Ion:168 Resp: 2287693

Ion Ratio Lower Upper

168 100

139 34.0 27.5 41.3

169 13.7 10.5 15.7



#56

4-Nitrophenol

Concen: 85.235 ng

RT: 14.315 min Scan# 1943

Delta R.T. 0.011 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

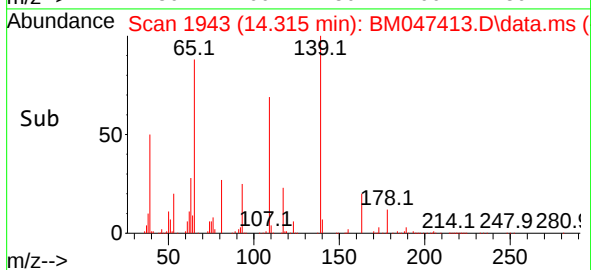
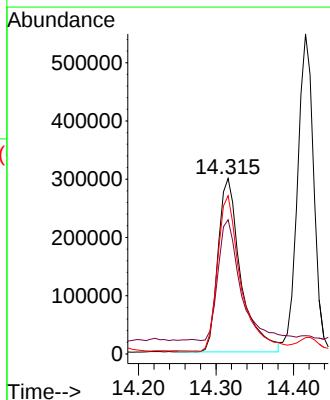
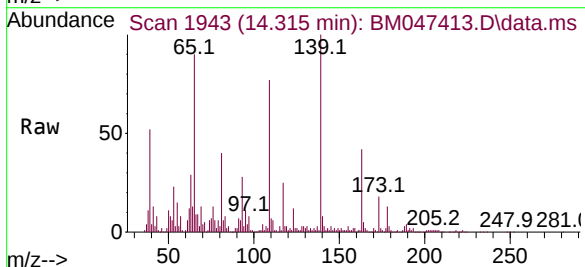
Tgt Ion:139 Resp: 610256

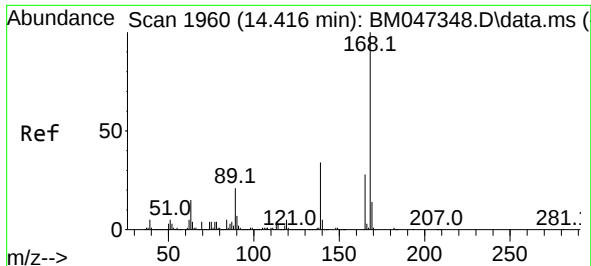
Ion Ratio Lower Upper

139 100

109 76.5 51.6 91.6

65 90.2 71.7 111.7





#57

2,4-Dinitrotoluene

Concen: 43.710 ng

RT: 14.421 min Scan# 1960

Delta R.T. 0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

Tgt Ion:165 Resp: 561648

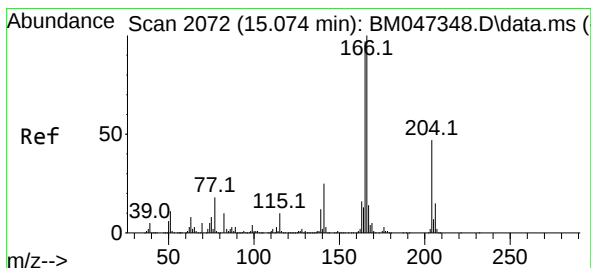
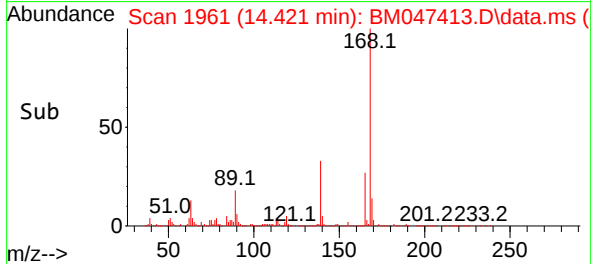
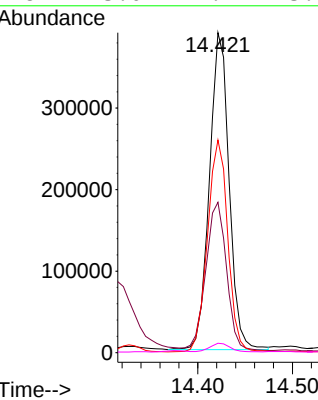
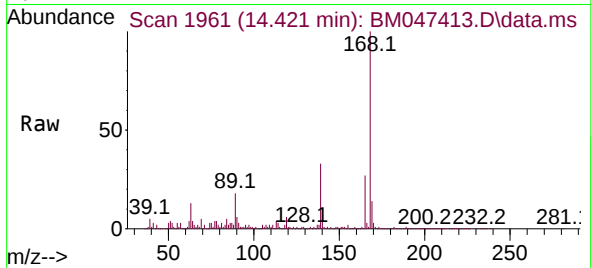
Ion Ratio Lower Upper

165 100

63 47.0 42.2 63.4

89 66.4 59.3 88.9

182 3.0 2.1 3.1



#58

Fluorene

Concen: 42.675 ng

RT: 15.074 min Scan# 2072

Delta R.T. -0.000 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

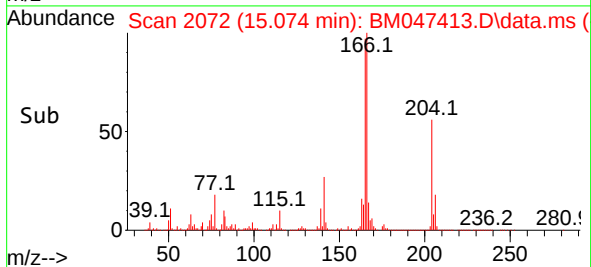
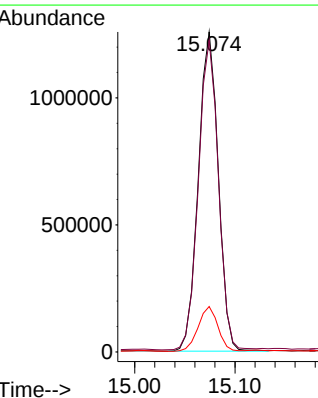
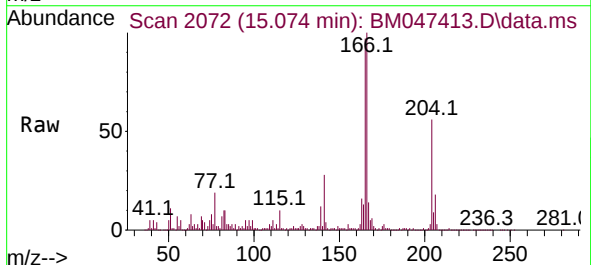
Tgt Ion:166 Resp: 1737680

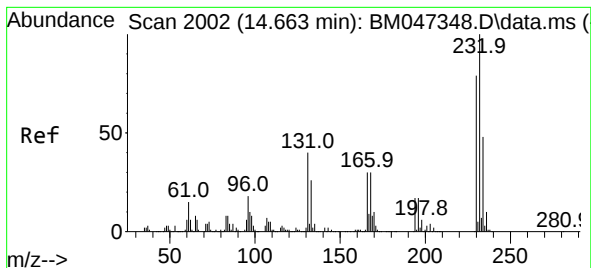
Ion Ratio Lower Upper

166 100

165 97.4 77.8 116.6

167 14.2 11.1 16.7

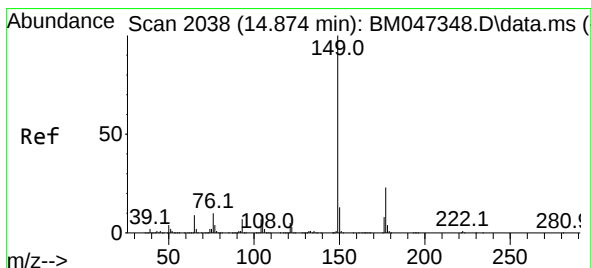
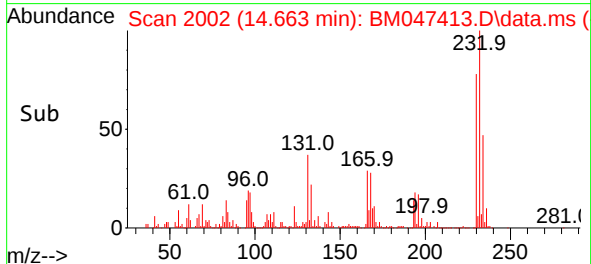
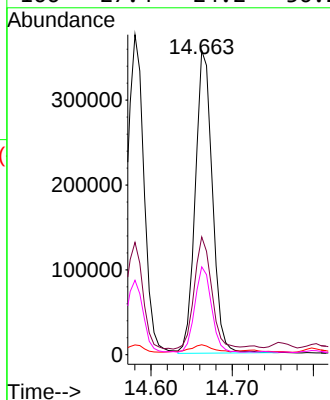
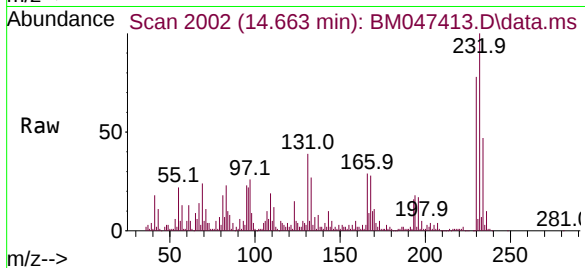




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.689 ng
RT: 14.663 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

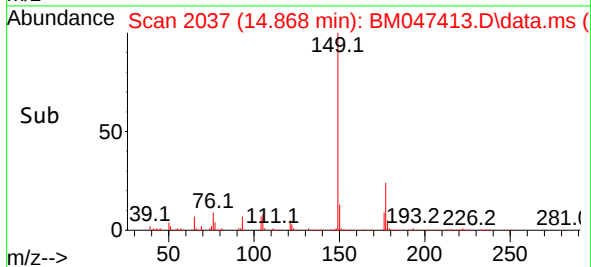
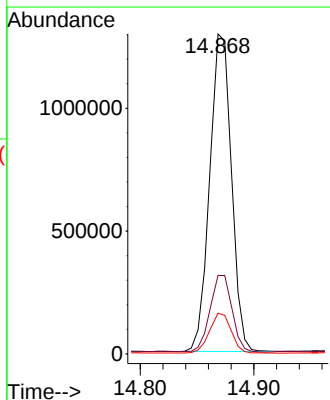
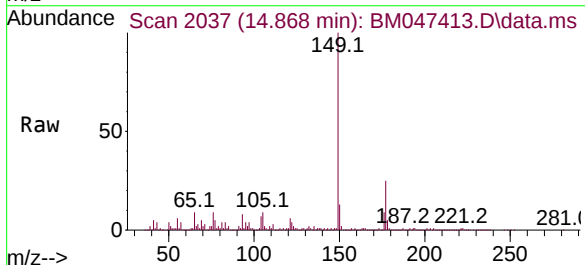
Instrument :
BNA_M
ClientSampleId :
RT-857MS

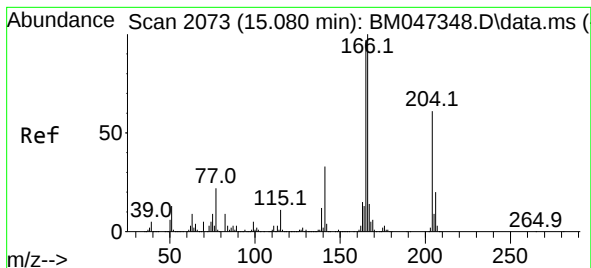
Tgt Ion:232 Resp: 523444
Ion Ratio Lower Upper
232 100
131 37.7 31.7 47.5
130 3.0 1.7 2.5#
166 27.4 24.2 36.2



#60
Diethylphthalate
Concen: 40.958 ng
RT: 14.868 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:149 Resp: 1722418
Ion Ratio Lower Upper
149 100
177 24.5 18.6 28.0
150 12.8 10.2 15.4

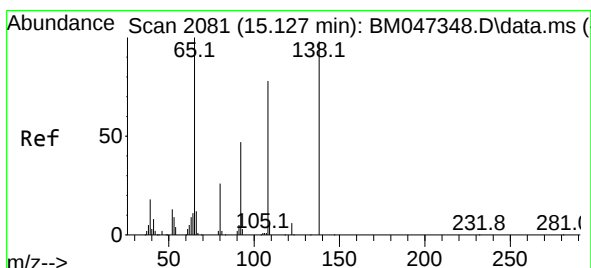
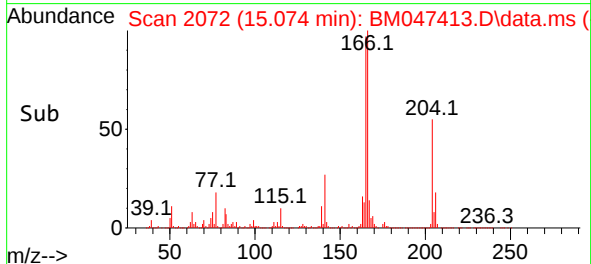
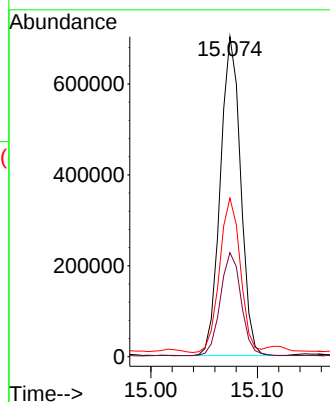
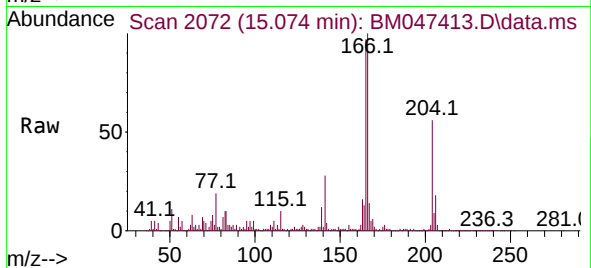




#61
4-Chlorophenyl-phenylether
Concen: 44.708 ng
RT: 15.074 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

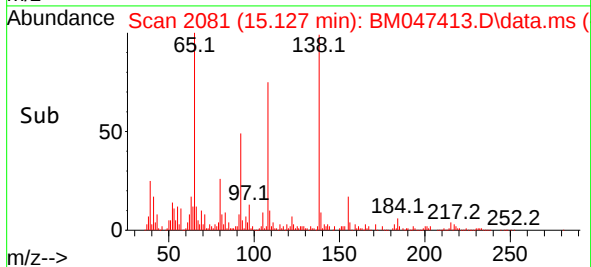
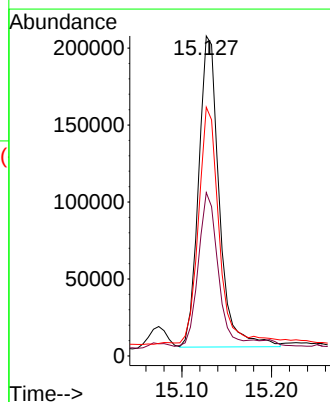
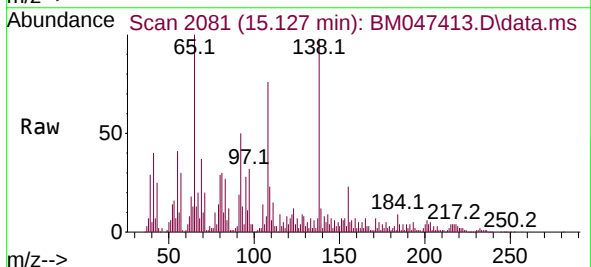
Instrument :
BNA_M
ClientSampleId :
RT-857MS

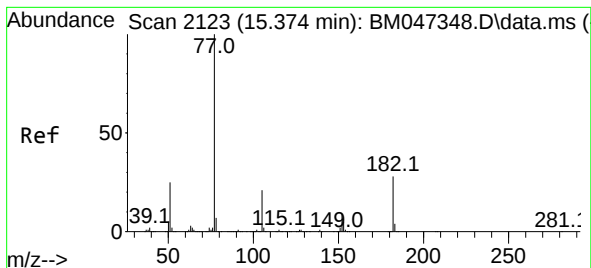
Tgt Ion:204 Resp: 926079
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 49.5 42.8 64.2



#62
4-Nitroaniline
Concen: 38.159 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:138 Resp: 323323
Ion Ratio Lower Upper
138 100
92 51.0 27.9 67.9
108 77.8 58.7 98.7





#63

Azobenzene

Concen: 40.229 ng

RT: 15.374 min Scan# 2123

Delta R.T. -0.000 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

Tgt Ion: 77 Resp: 1473199

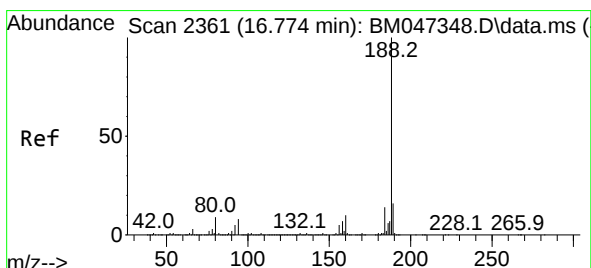
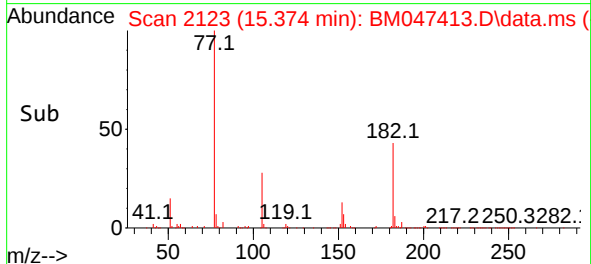
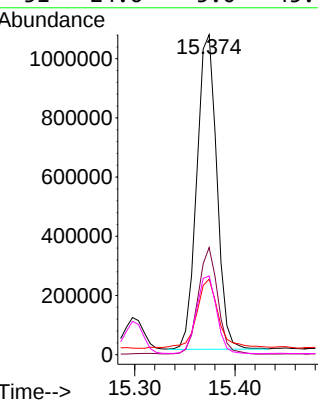
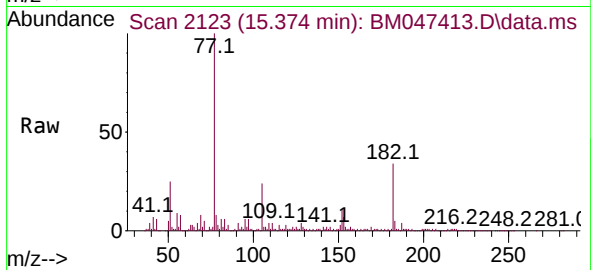
Ion Ratio Lower Upper

77 100

182 33.5 7.9 47.9

105 23.6 0.6 40.6

51 24.6 5.0 45.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 2362

Delta R.T. 0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

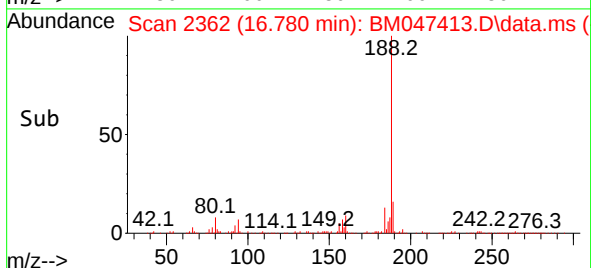
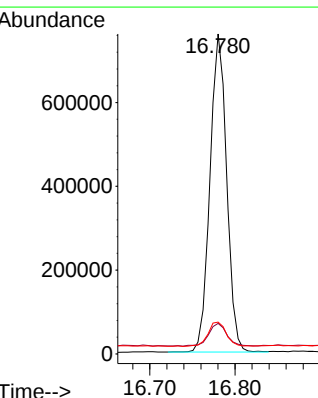
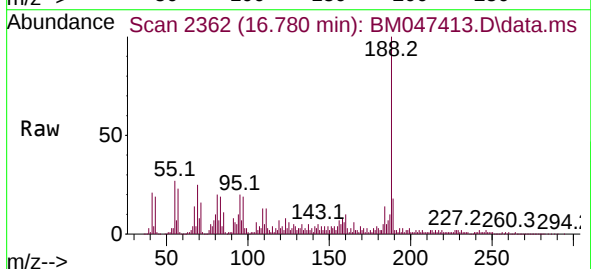
Tgt Ion: 188 Resp: 1036784

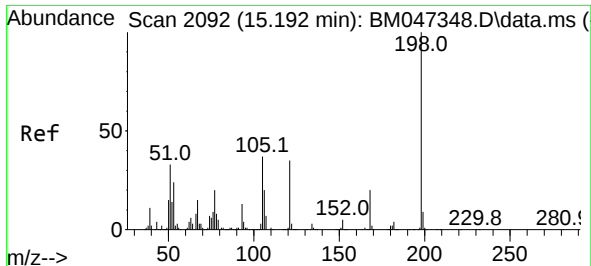
Ion Ratio Lower Upper

188 100

94 9.5 6.4 9.6

80 10.0 7.4 11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 39.453 ng

RT: 15.204 min Scan# 2092

Delta R.T. 0.012 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

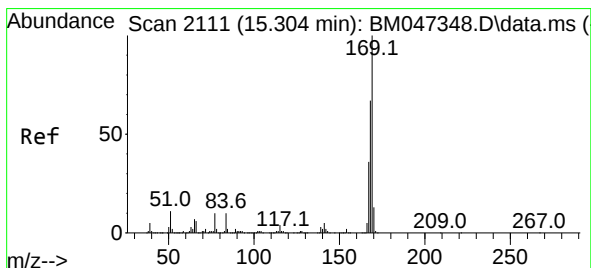
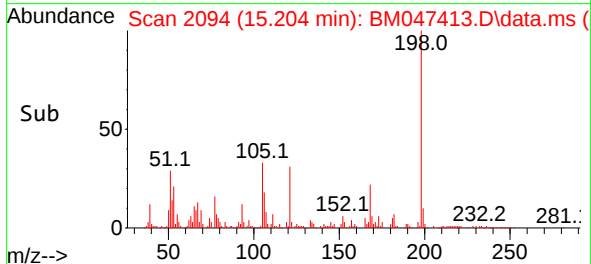
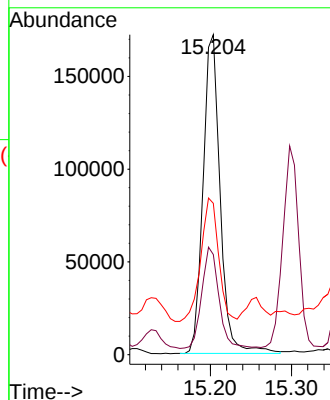
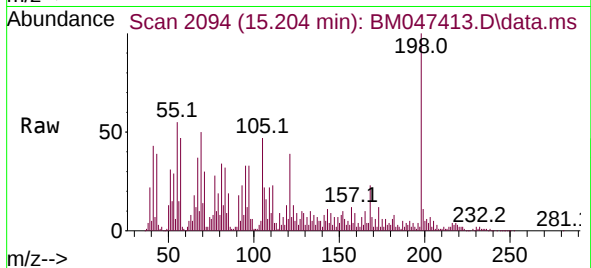
Tgt Ion:198 Resp: 251059

Ion Ratio Lower Upper

198 100

51 31.3 14.1 54.1

105 47.3 17.0 57.0



#66

n-Nitrosodiphenylamine

Concen: 54.134 ng

RT: 15.298 min Scan# 2110

Delta R.T. -0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

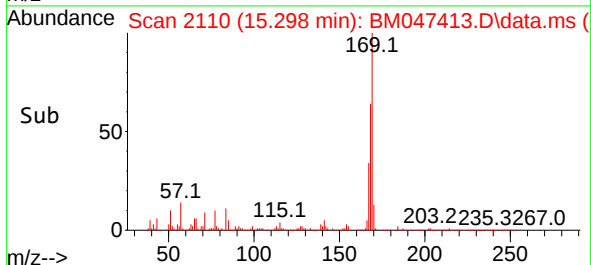
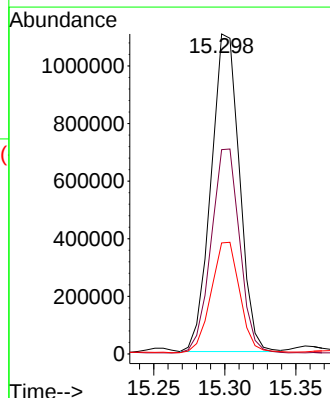
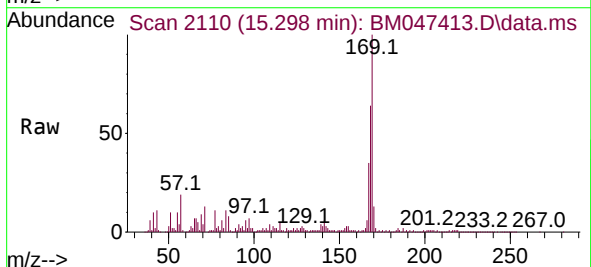
Tgt Ion:169 Resp: 1535752

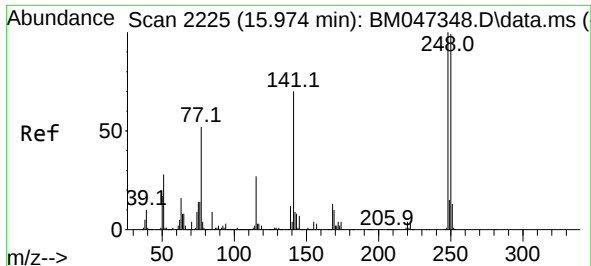
Ion Ratio Lower Upper

169 100

168 63.8 53.4 80.0

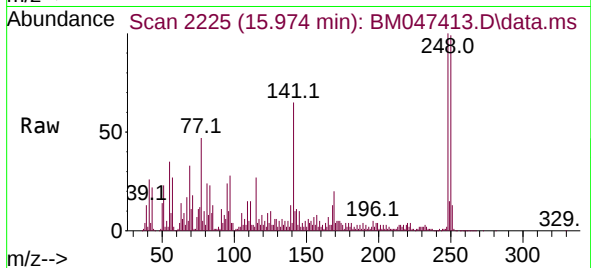
167 34.7 29.0 43.4



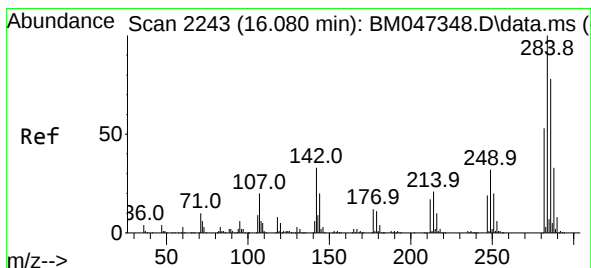
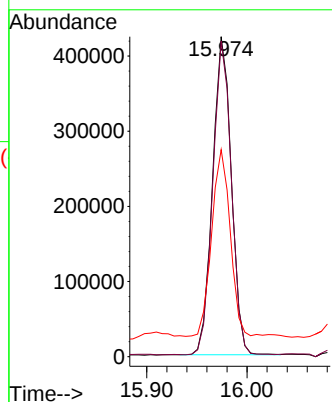
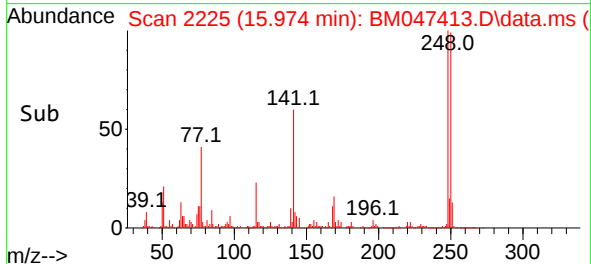


#67
4-Bromophenyl-phenylether
Concen: 50.319 ng
RT: 15.974 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

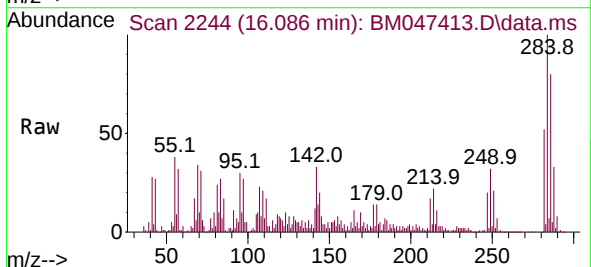
Instrument :
BNA_M
ClientSampleId :
RT-857MS



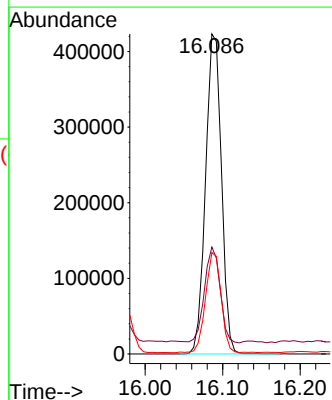
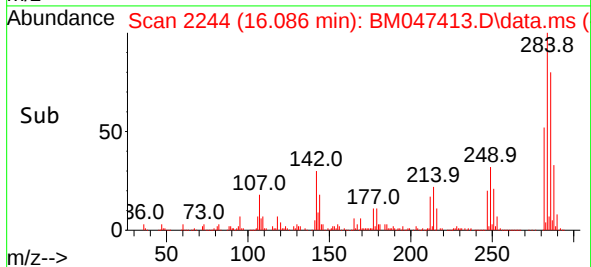
Tgt Ion:248 Resp: 550375
Ion Ratio Lower Upper
248 100
250 98.6 78.8 118.2
141 64.7 55.9 83.9

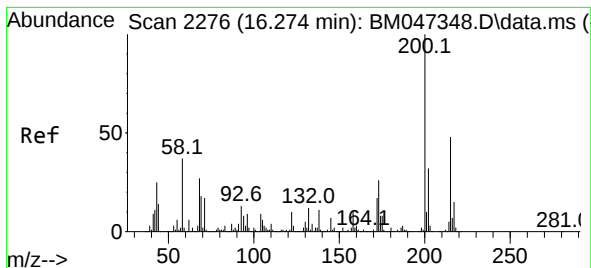


#68
Hexachlorobenzene
Concen: 47.640 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38



Tgt Ion:284 Resp: 601822
Ion Ratio Lower Upper
284 100
142 33.4 26.5 39.7
249 31.7 25.5 38.3





#69

Atrazine

Concen: 58.429 ng

RT: 16.280 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

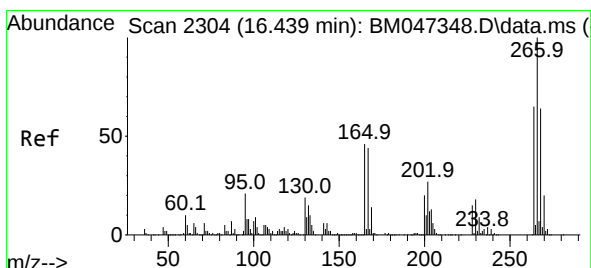
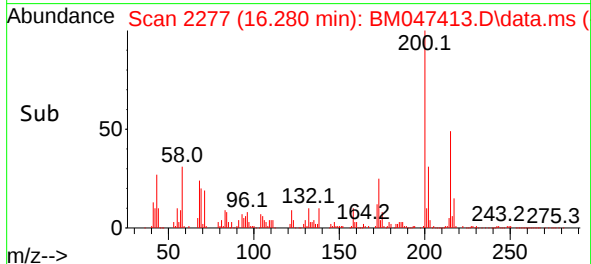
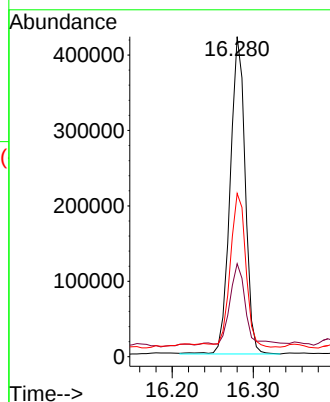
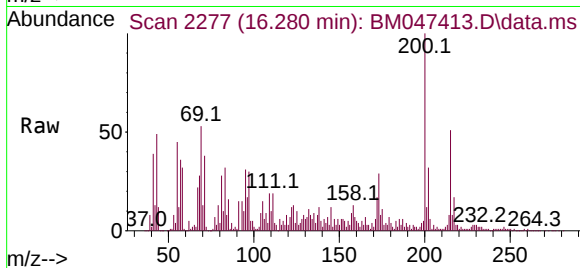
Tgt Ion:200 Resp: 541803

Ion Ratio Lower Upper

200 100

173 29.0 5.8 45.8

215 51.0 28.3 68.3



#70

Pentachlorophenol

Concen: 92.703 ng

RT: 16.451 min Scan# 2306

Delta R.T. 0.012 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

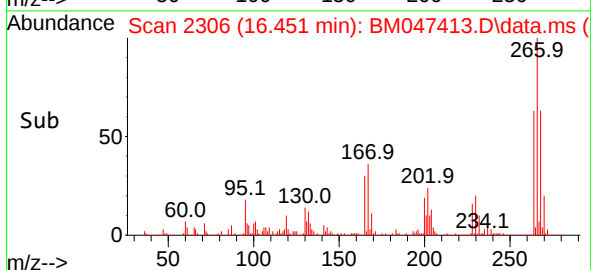
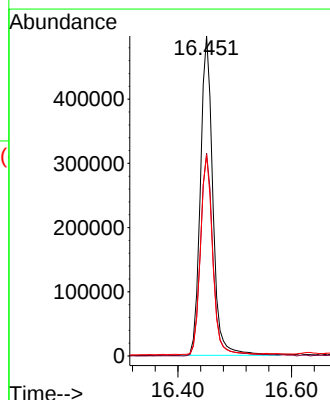
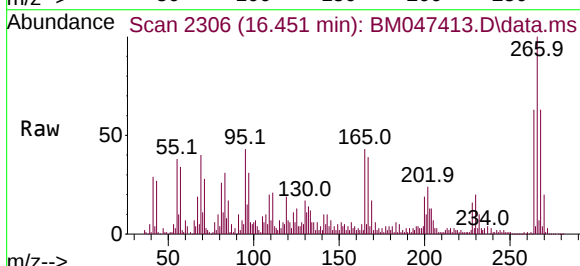
Tgt Ion:266 Resp: 757147

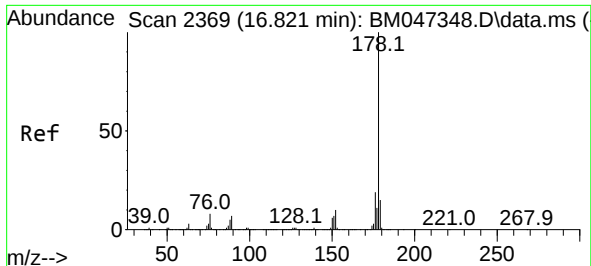
Ion Ratio Lower Upper

266 100

268 63.3 51.0 76.6

264 62.9 51.9 77.9

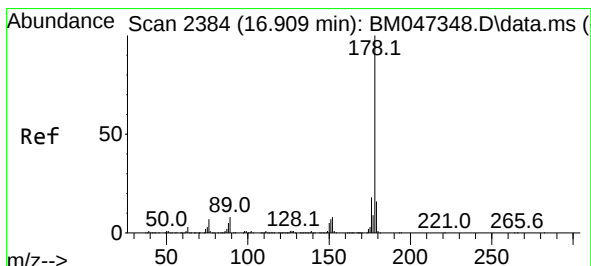
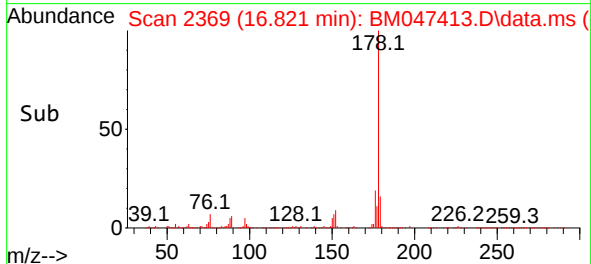
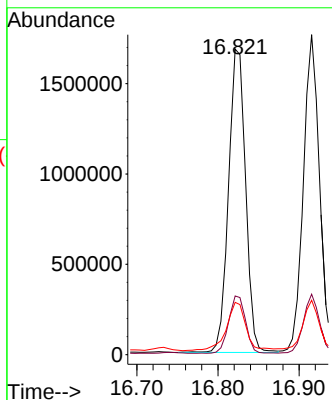
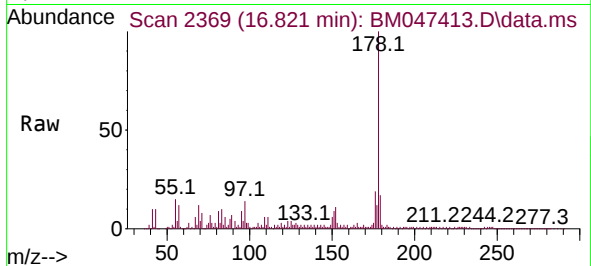




#71
Phenanthrene
Concen: 48.722 ng
RT: 16.821 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

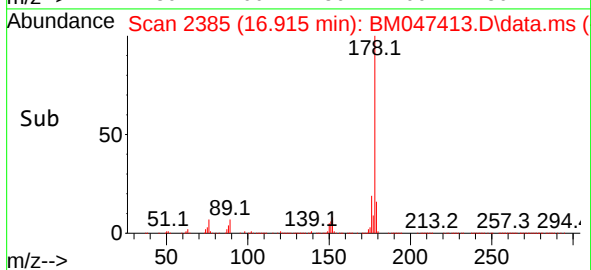
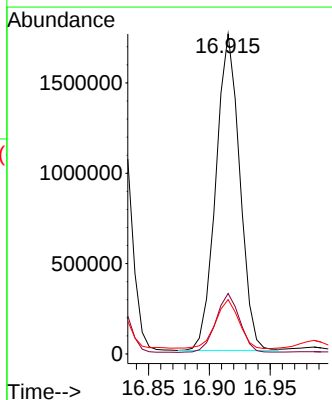
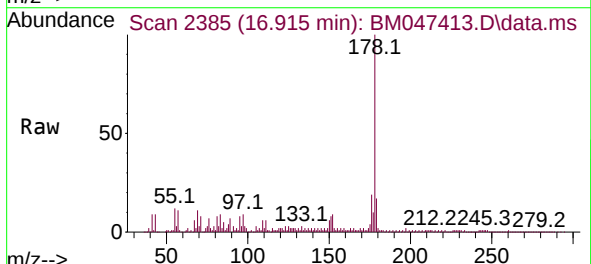
Instrument :
BNA_M
ClientSampleId :
RT-857MS

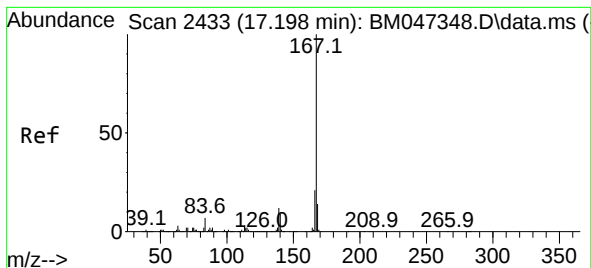
Tgt Ion:178 Resp: 2453174
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 17.1 12.2 18.4



#72
Anthracene
Concen: 48.737 ng
RT: 16.915 min Scan# 2385
Delta R.T. 0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:178 Resp: 2392209
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 17.0 12.6 18.8





#73

Carbazole

Concen: 44.496 ng

RT: 17.198 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

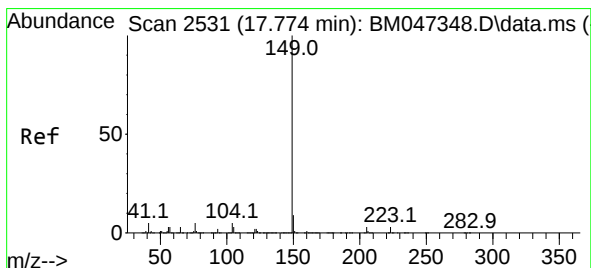
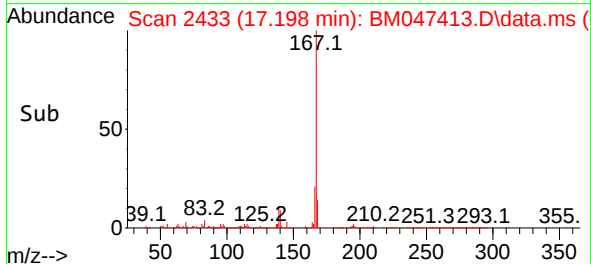
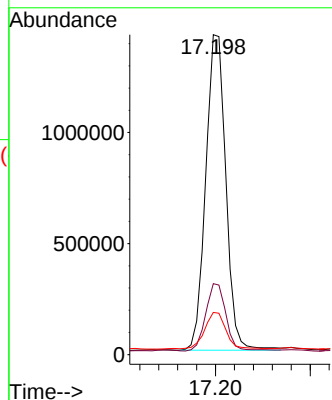
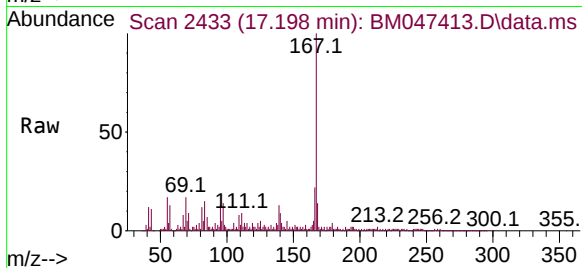
BNA_M

ClientSampleId :

RT-857MS

Tgt Ion:167 Resp: 2095798

Ion	Ratio	Lower	Upper
167	100		
166	22.2	16.9	25.3
139	13.2	9.5	14.3



#74

Di-n-butylphthalate

Concen: 42.818 ng

RT: 17.774 min Scan# 2531

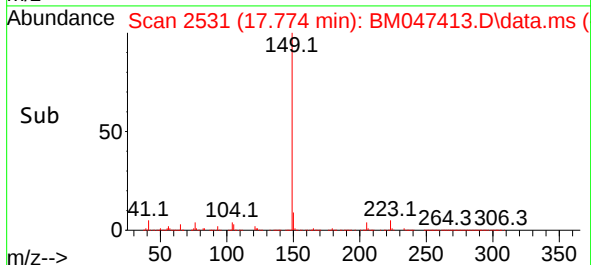
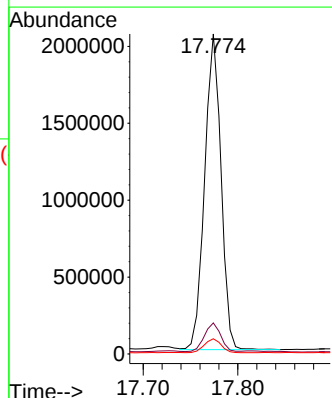
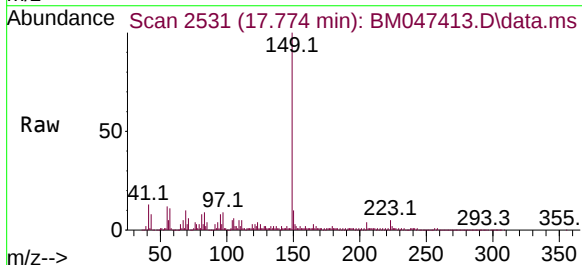
Delta R.T. -0.000 min

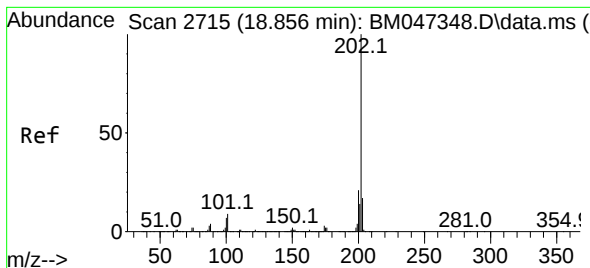
Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Tgt Ion:149 Resp: 2455807

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.0
104	4.7	3.8	5.6





#75

Fluoranthene

Concen: 44.958 ng

RT: 18.862 min Scan# 2716

Delta R.T. 0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

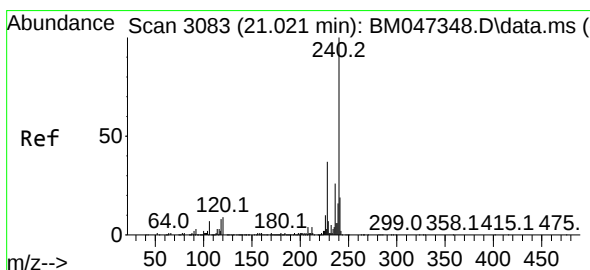
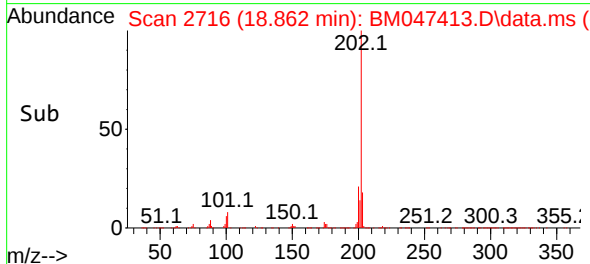
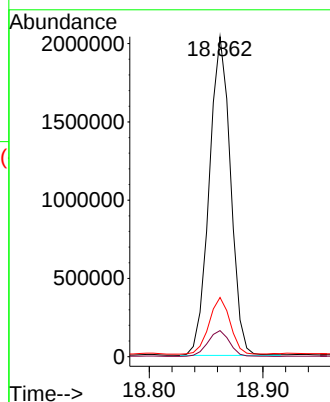
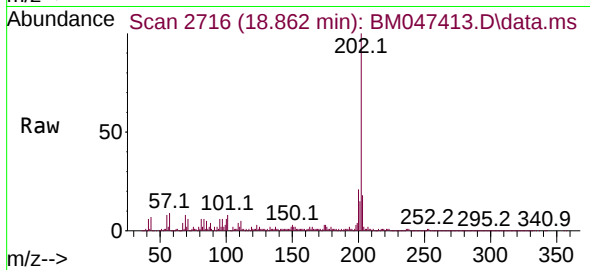
Tgt Ion:202 Resp: 2657940

Ion Ratio Lower Upper

202 100

101 8.2 0.0 29.0

203 18.5 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: BM047413.D

Acq: 30 Aug 2024 19:38

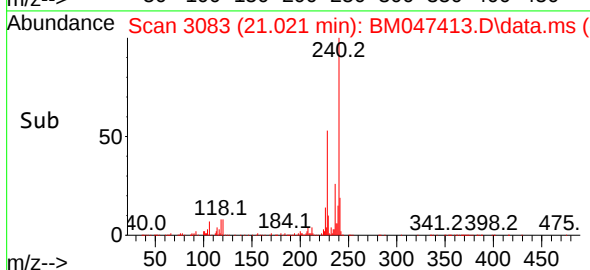
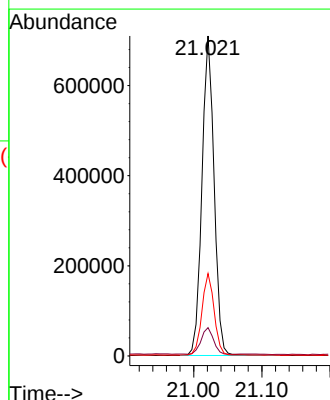
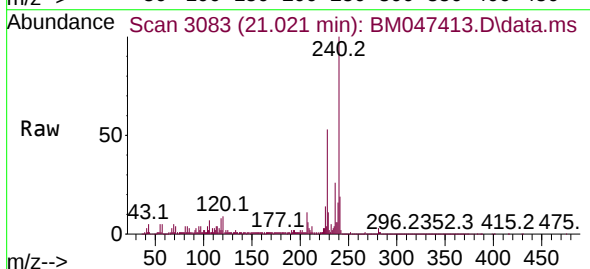
Tgt Ion:240 Resp: 876274

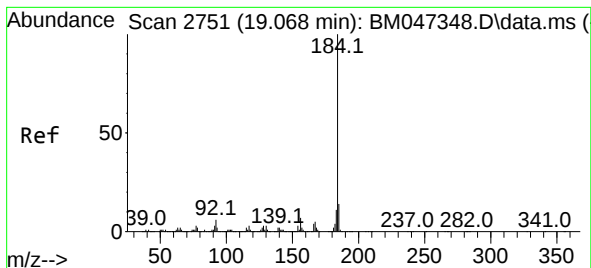
Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.0

236 25.8 20.8 31.2





#77

Benzidine

Concen: 63.107 ng

RT: 19.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

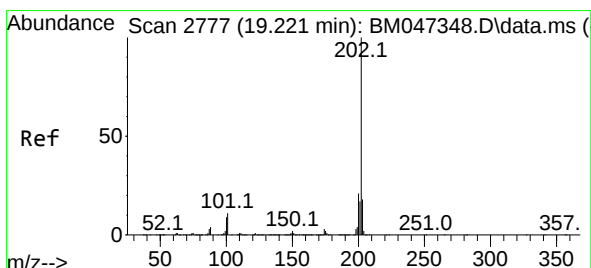
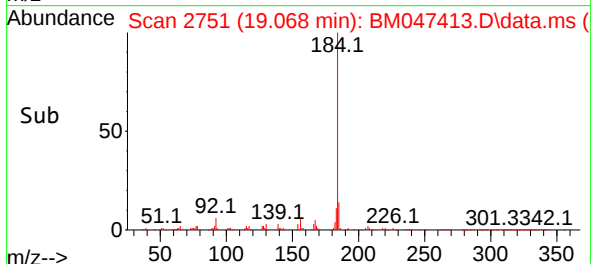
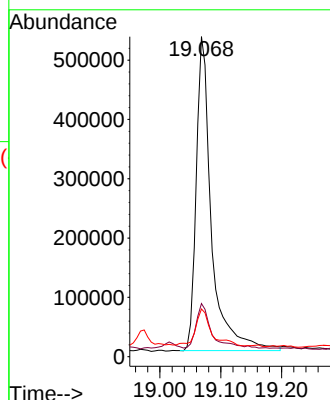
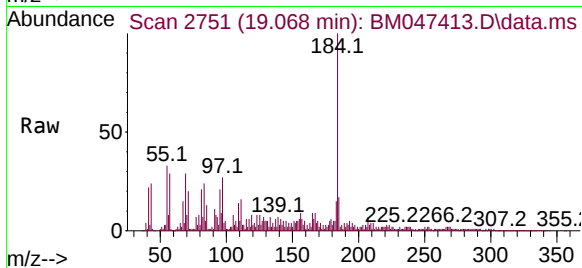
Tgt Ion:184 Resp: 923064

Ion Ratio Lower Upper

184 100

185 16.6 11.5 17.3

183 14.9 9.2 13.8#



#78

Pyrene

Concen: 41.422 ng

RT: 19.227 min Scan# 2778

Delta R.T. 0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

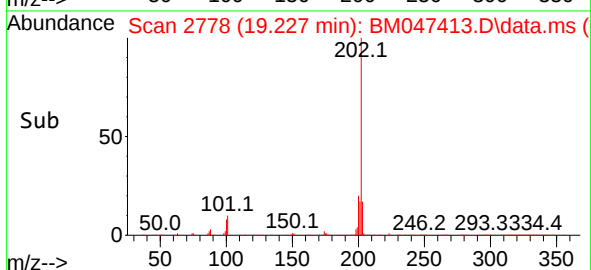
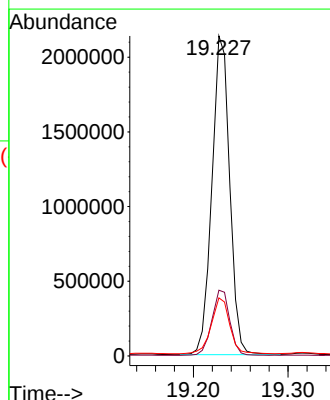
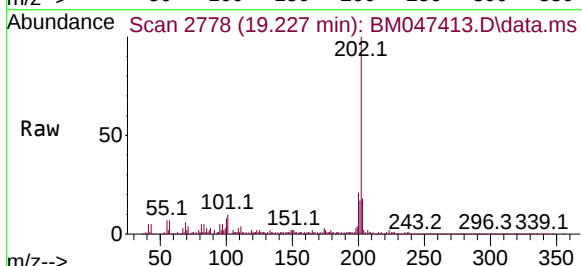
Tgt Ion:202 Resp: 2783839

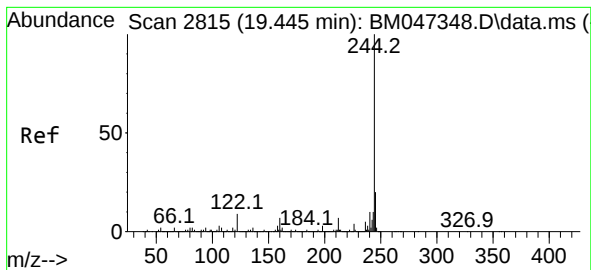
Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 42.967 ng

RT: 19.445 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

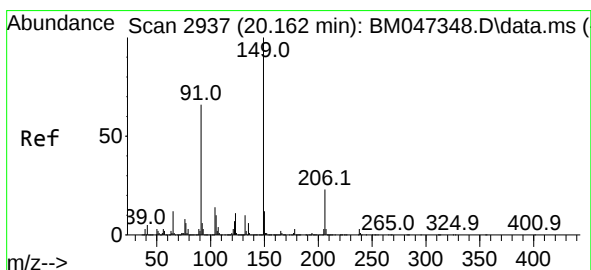
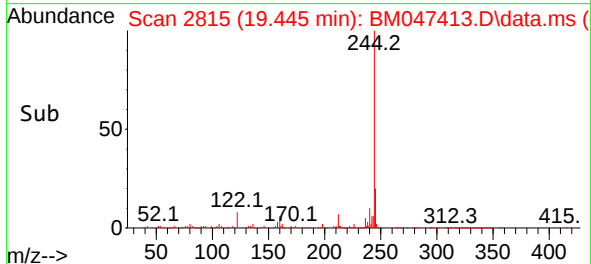
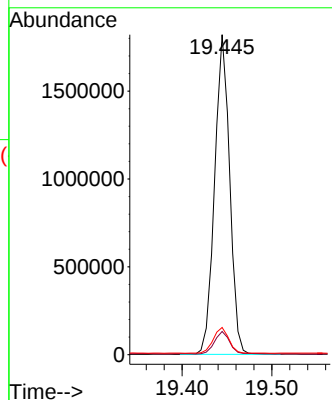
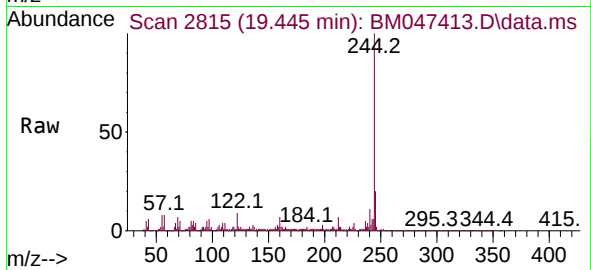
Tgt Ion:244 Resp: 2115268

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 8.5 7.0 10.4



#80

Butylbenzylphthalate

Concen: 41.206 ng

RT: 20.156 min Scan# 2936

Delta R.T. -0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

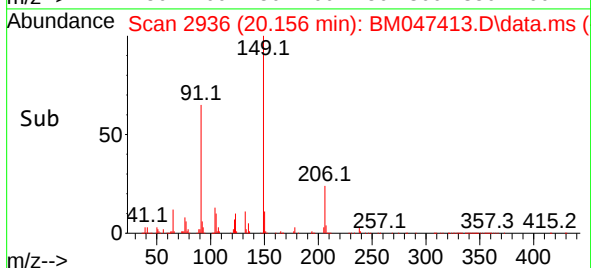
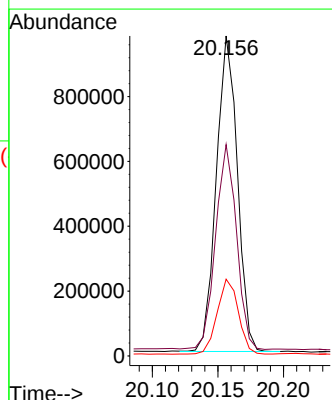
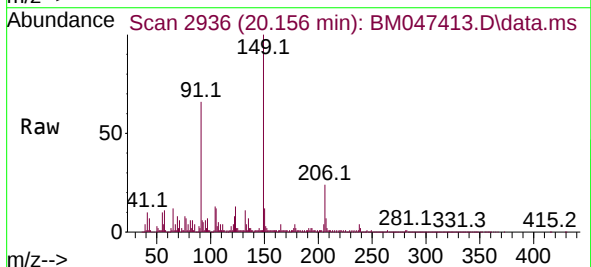
Tgt Ion:149 Resp: 1083717

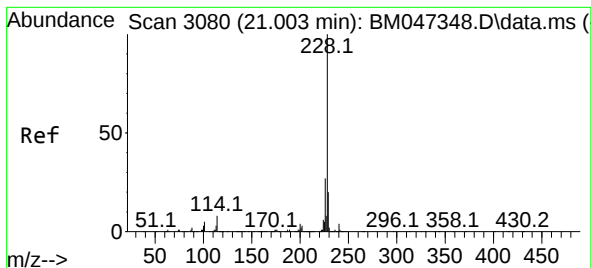
Ion Ratio Lower Upper

149 100

91 66.1 52.6 79.0

206 24.0 18.2 27.2





#81

Benzo(a)anthracene

Concen: 46.577 ng

RT: 21.003 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

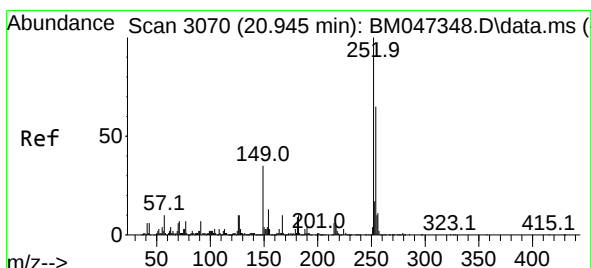
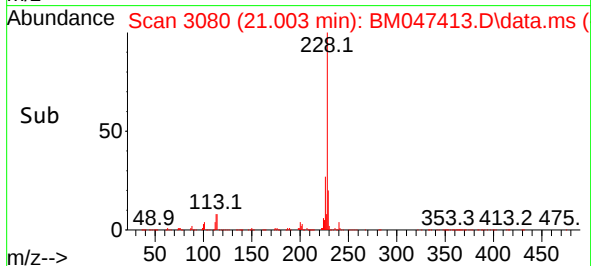
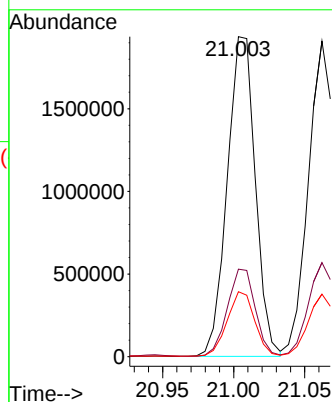
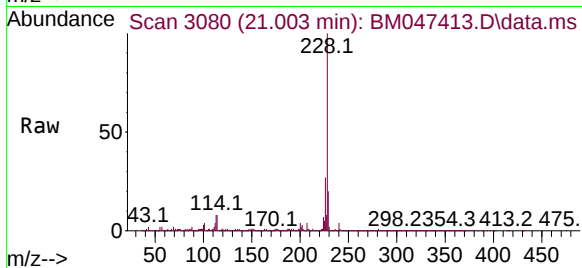
Tgt Ion:228 Resp: 2661630

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

229 20.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 36.042 ng

RT: 20.944 min Scan# 3070

Delta R.T. -0.000 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

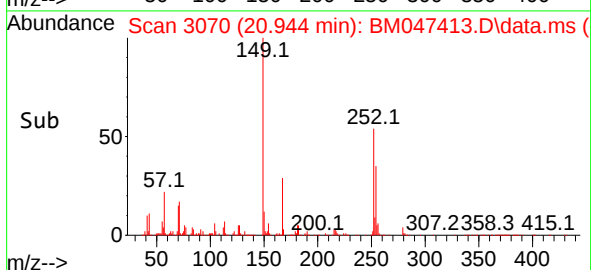
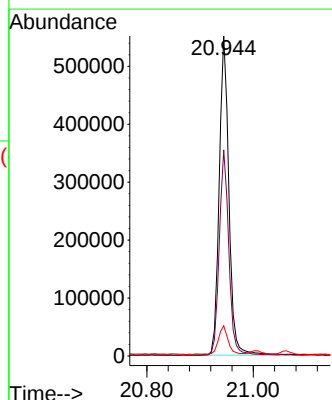
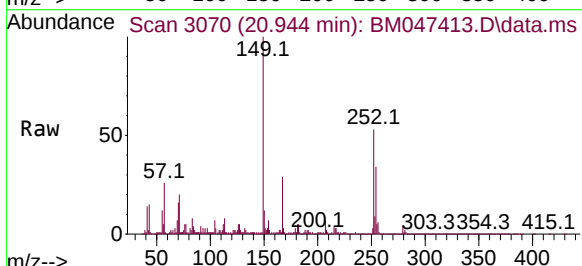
Tgt Ion:252 Resp: 692823

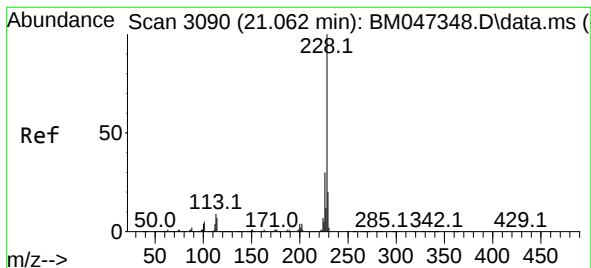
Ion Ratio Lower Upper

252 100

254 64.4 52.1 78.1

126 9.4 7.9 11.9





#83

Chrysene

Concen: 47.014 ng

RT: 21.062 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

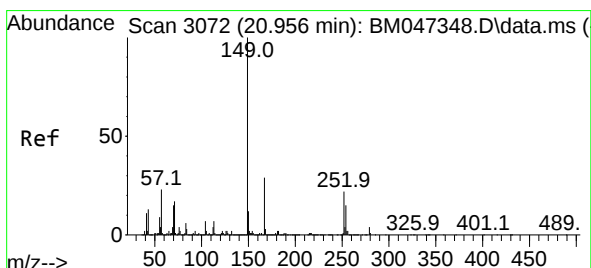
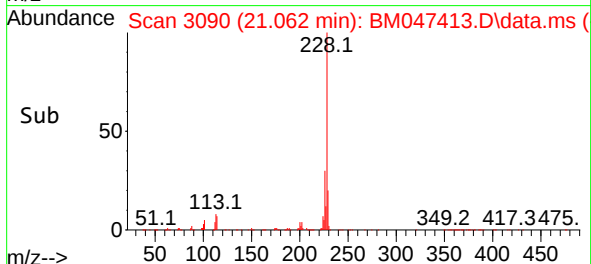
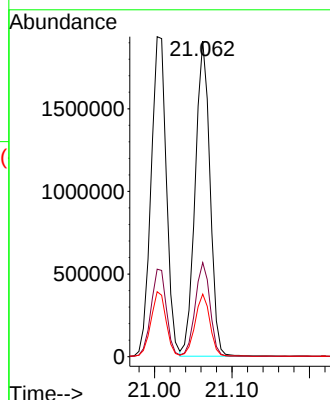
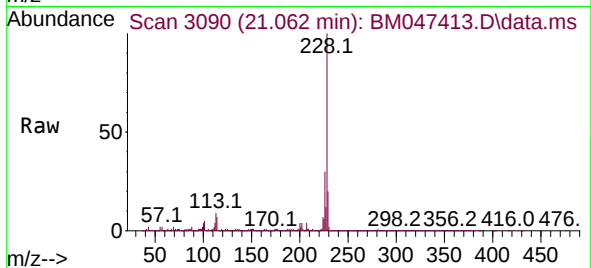
Tgt Ion:228 Resp: 2527184

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.990 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

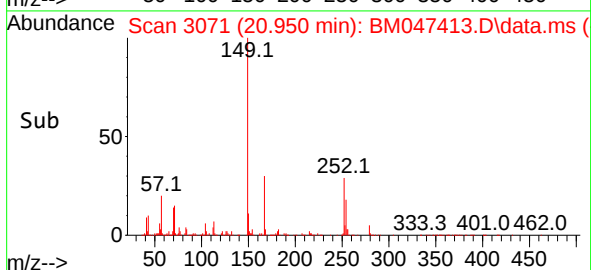
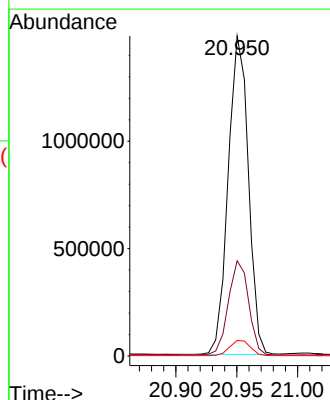
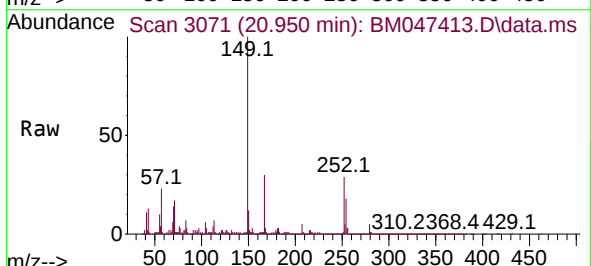
Tgt Ion:149 Resp: 1709484

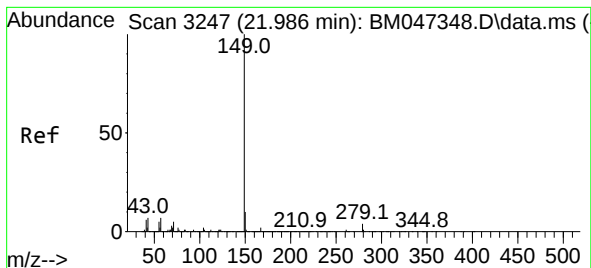
Ion Ratio Lower Upper

149 100

167 29.8 23.1 34.7

279 4.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 45.123 ng

RT: 21.980 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

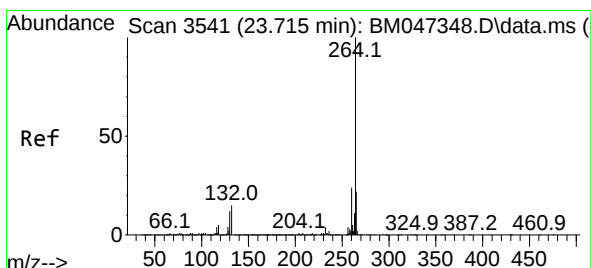
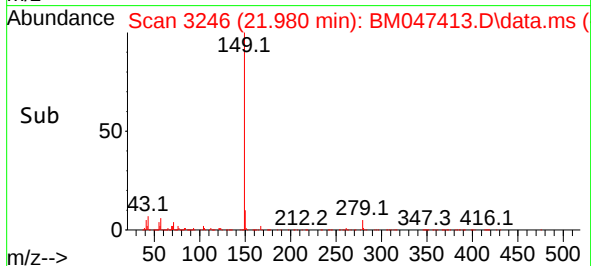
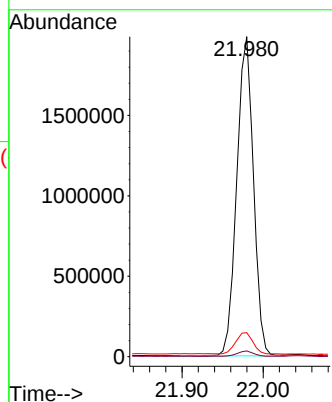
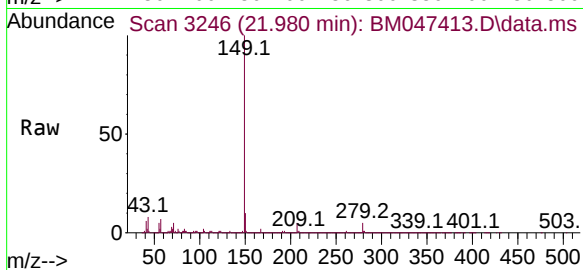
Tgt Ion:149 Resp: 2823088

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.1 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. 0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

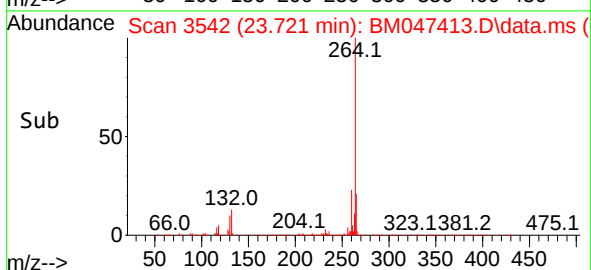
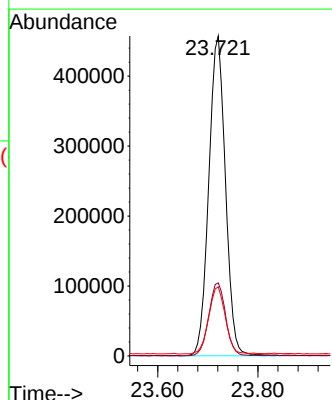
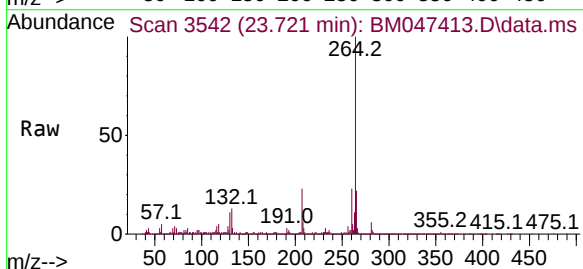
Tgt Ion:264 Resp: 1052779

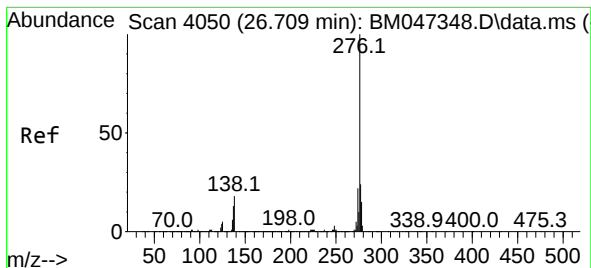
Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.117 ng

RT: 26.738 min Scan# 4055

Delta R.T. 0.029 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

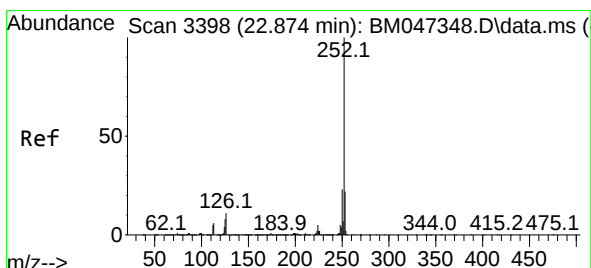
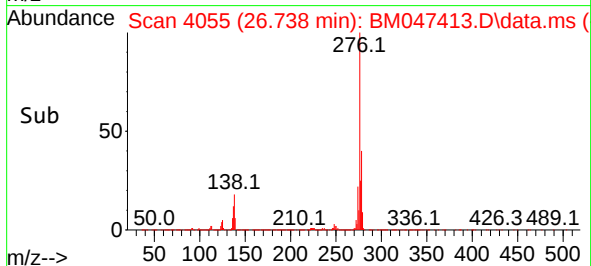
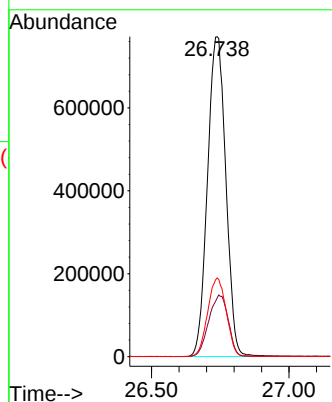
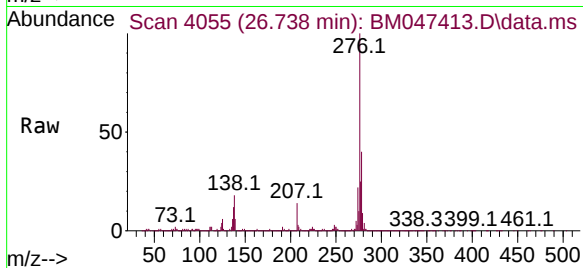
Tgt Ion:276 Resp: 3566540

Ion Ratio Lower Upper

276 100

138 20.5 17.7 26.5

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 45.005 ng

RT: 22.880 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

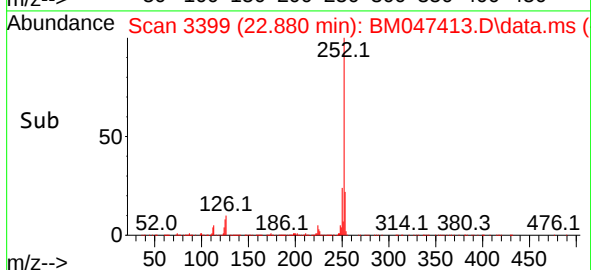
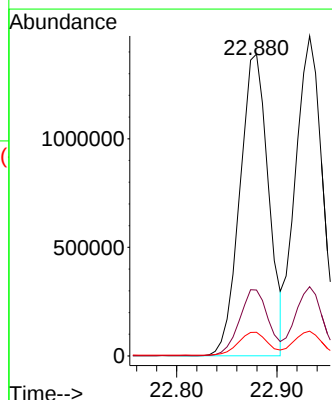
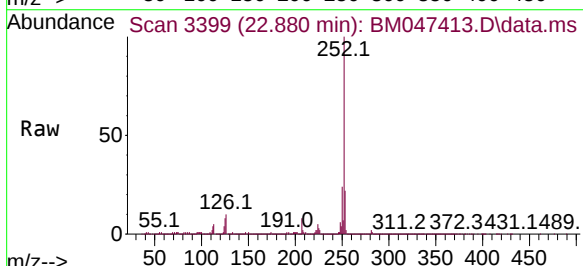
Tgt Ion:252 Resp: 2764238

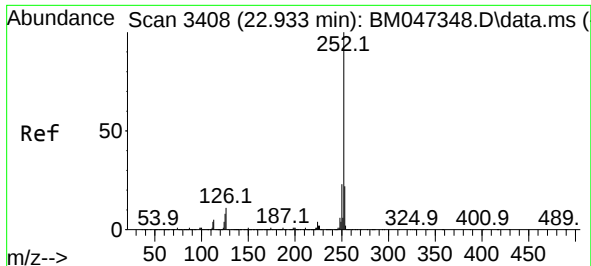
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 7.9 6.6 10.0

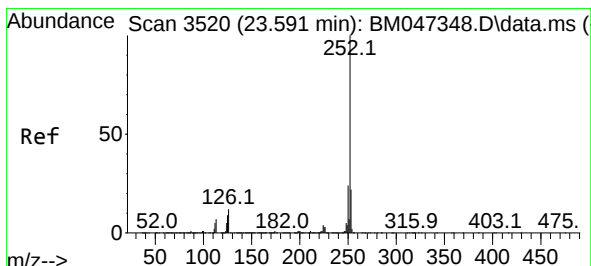
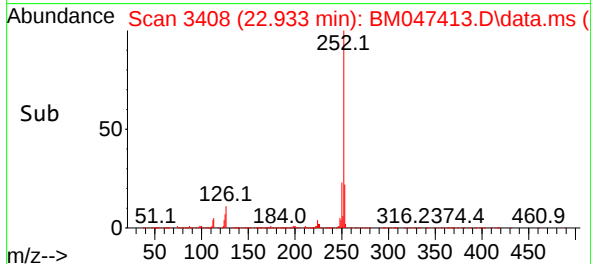
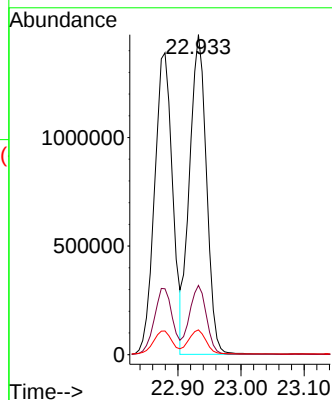
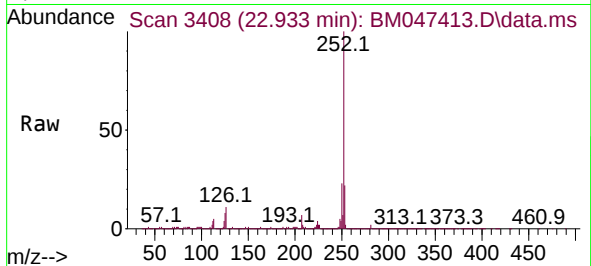




#89
Benzo(k)fluoranthene
Concen: 47.131 ng
RT: 22.933 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

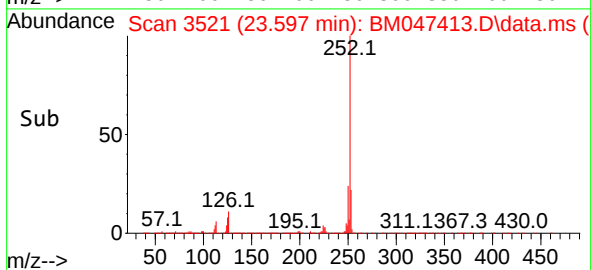
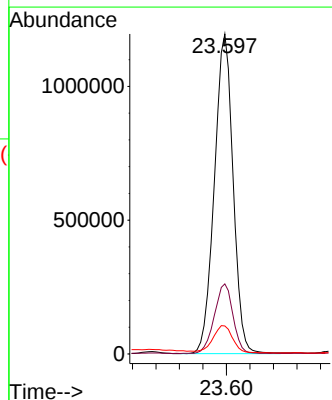
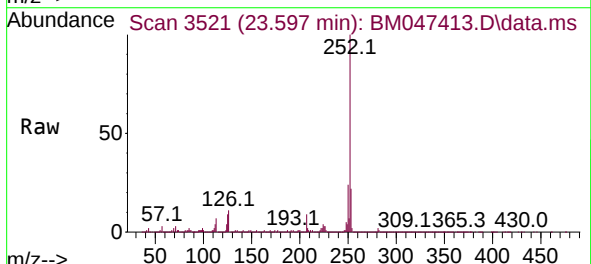
Instrument :
BNA_M
ClientSampleId :
RT-857MS

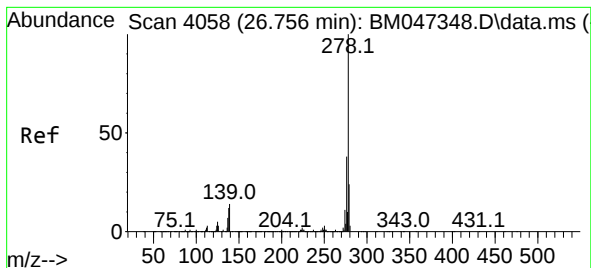
Tgt Ion:252 Resp: 2744232
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 7.8 6.6 9.8



#90
Benzo(a)pyrene
Concen: 49.713 ng
RT: 23.597 min Scan# 3521
Delta R.T. 0.006 min
Lab File: BM047413.D
Acq: 30 Aug 2024 19:38

Tgt Ion:252 Resp: 2640563
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.8 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 53.744 ng

RT: 26.768 min Scan# 4058

Delta R.T. 0.012 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Instrument :

BNA_M

ClientSampleId :

RT-857MS

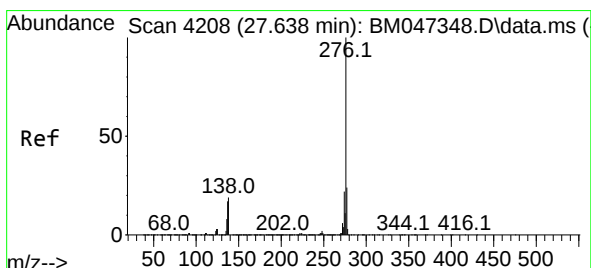
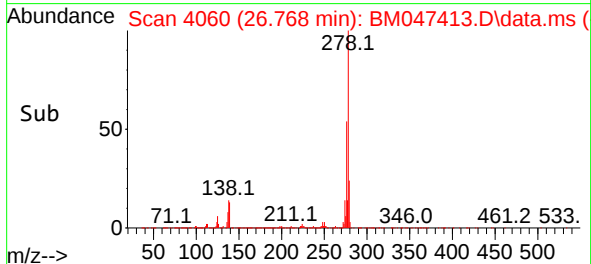
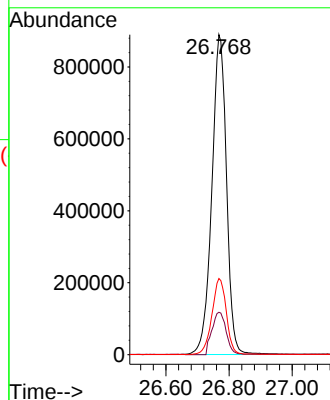
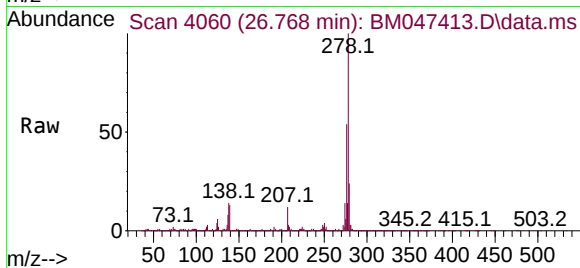
Tgt Ion:278 Resp: 2869415

Ion Ratio Lower Upper

278 100

139 13.3 11.1 16.7

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 49.713 ng

RT: 27.662 min Scan# 4212

Delta R.T. 0.023 min

Lab File: BM047413.D

Acq: 30 Aug 2024 19:38

Tgt Ion:276 Resp: 2759303

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 18.0 15.0 22.6

