

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
 Data File : BM047423.D
 Acq On : 03 Sep 2024 13:26
 Operator : RC/JU
 Sample : P3751-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 03 14:16:14 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	7.340	152	220192	20.000	ng	-0.01
21) Naphthalene-d8	10.092	136	836515	20.000	ng	-0.01
39) Acenaphthene-d10	14.004	164	576251	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1236022	20.000	ng	0.00
76) Chrysene-d12	21.015	240	1013501	20.000	ng	0.00
86) Perylene-d12	23.715	264	1032346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1530472	133.352	ng	0.00
7) Phenol-d6	6.569	99	1863185	119.170	ng	0.00
23) Nitrobenzene-d5	8.492	82	1391848	92.321	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	1070972	154.044	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	3473779	92.624	ng	0.00
79) Terphenyl-d14	19.439	244	6156044	108.115	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.028	88	163014	34.701	ng	# 59
3) Pyridine	3.405	79	427795	32.811	ng	98
4) n-Nitrosodimethylamine	3.316	42	213176	40.146	ng	99
6) Aniline	6.693	93	472809	33.389	ng	99
8) 2-Chlorophenol	6.922	128	601734	46.842	ng	98
9) Benzaldehyde	6.510	77	143557	14.101	ng	98
10) Phenol	6.598	94	620016	40.307	ng	99
11) bis(2-Chloroethyl)ether	6.793	93	559842	41.998	ng	99
12) 1,3-Dichlorobenzene	7.228	146	583143	37.123	ng	99
13) 1,4-Dichlorobenzene	7.375	146	599194	37.665	ng	99
14) 1,2-Dichlorobenzene	7.681	146	588836	39.057	ng	100
15) Benzyl Alcohol	7.604	79	554818	51.186	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.863	45	660249	41.308	ng	100
17) 2-Methylphenol	7.816	107	493851	46.210	ng	98
18) Hexachloroethane	8.387	117	215675	36.266	ng	97
19) n-Nitroso-di-n-propyla...	8.151	70	427763	39.802	ng	99
20) 3+4-Methylphenols	8.145	107	662053	44.555	ng	93
22) Acetophenone	8.163	105	828290	42.665	ng	# 98
24) Nitrobenzene	8.534	77	652064	42.053	ng	98
25) Isophorone	9.057	82	1280823	44.950	ng	99
26) 2-Nitrophenol	9.234	139	359232	47.100	ng	96
27) 2,4-Dimethylphenol	9.322	122	516503	59.996	ng	99
28) bis(2-Chloroethoxy)met...	9.539	93	784948	44.986	ng	98
29) 2,4-Dichlorophenol	9.781	162	690474	51.703	ng	97
30) 1,2,4-Trichlorobenzene	9.969	180	636391	41.257	ng	99
31) Naphthalene	10.145	128	1742378	42.646	ng	99
32) Benzoic acid	9.539	122	399066	38.820	ng	97
33) 4-Chloroaniline	10.286	127	257978	16.982	ng	99
34) Hexachlorobutadiene	10.422	225	399582	41.479	ng	98
35) Caprolactam	11.110	113	183668	42.455	ng	97
36) 4-Chloro-3-methylphenol	11.445	107	663710	48.940	ng	98
37) 2-Methylnaphthalene	11.775	142	1337013	44.881	ng	98
38) 1-Methylnaphthalene	11.998	142	1263725	42.892	ng	100
40) 1,2,4,5-Tetrachloroben...	12.157	216	796823	46.697	ng	99
41) Hexachlorocyclopentadiene	12.122	237	645254	119.814	ng	98
43) 2,4,6-Trichlorophenol	12.428	196	586535	50.142	ng	99

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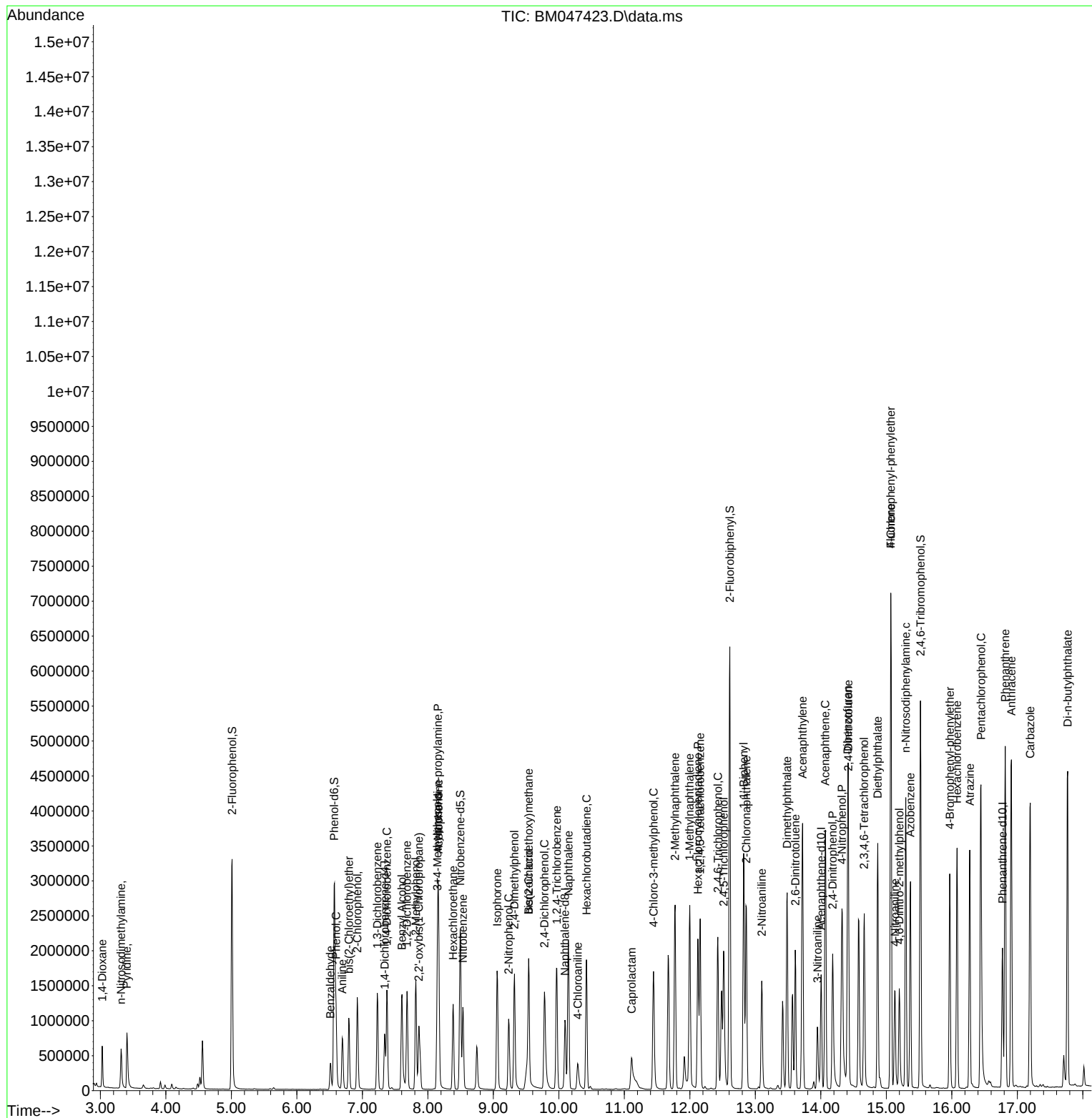
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	626501	48.226	ng	98
46) 1,1'-Biphenyl	12.822	154	1816277	45.140	ng	100
47) 2-Chloronaphthalene	12.863	162	1411297	44.758	ng	99
48) 2-Nitroaniline	13.098	65	444393	50.313	ng	96
49) Acenaphthylene	13.722	152	2312761	50.466	ng	100
50) Dimethylphthalate	13.486	163	2065148	52.011	ng	99
51) 2,6-Dinitrotoluene	13.610	165	452135	48.907	ng	98
52) Acenaphthene	14.069	154	1407146	48.368	ng	99
53) 3-Nitroaniline	13.951	138	272822	31.981	ng	94
54) 2,4-Dinitrophenol	14.180	184	623789	109.567	ng	95
55) Dibenzofuran	14.410	168	2284625	48.755	ng	99
56) 4-Nitrophenol	14.322	139	592177	88.806	ng	98
57) 2,4-Dinitrotoluene	14.422	165	605939	50.632	ng	90
58) Fluorene	15.069	166	1843018	48.597	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	574671	53.857	ng	98
60) Diethylphthalate	14.869	149	1963055	50.121	ng	99
61) 4-Chlorophenyl-phenyle...	15.069	204	953709	49.435	ng	97
62) 4-Nitroaniline	15.133	138	427197	54.134	ng	97
63) Azobenzene	15.368	77	1628826	47.757	ng	97
65) 4,6-Dinitro-2-methylph...	15.198	198	402742	53.088	ng	100
66) n-Nitrosodiphenylamine	15.298	169	1651104	48.819	ng	100
67) 4-Bromophenyl-phenylether	15.968	248	631516	48.431	ng	97
68) Hexachlorobenzene	16.080	284	734284	48.756	ng	96
69) Atrazine	16.274	200	681769	61.671	ng	99
70) Pentachlorophenol	16.445	266	981765	100.828	ng	98
71) Phenanthrene	16.815	178	3029771	50.474	ng	99
72) Anthracene	16.910	178	3118890	53.300	ng	100
73) Carbazole	17.198	167	2930227	52.183	ng	100
74) Di-n-butylphthalate	17.768	149	3515184	51.409	ng	100
75) Fluoranthene	18.851	202	3730124	52.923	ng	99
77) Benzidine	19.062	184	1340954	79.264	ng	99
78) Pyrene	19.221	202	3857052	49.620	ng	100
80) Butylbenzylphthalate	20.151	149	1624448	53.403	ng	99
81) Benzo(a)anthracene	21.003	228	3409374	51.584	ng	99
82) 3,3'-Dichlorobenzidine	20.939	252	925860	41.643	ng	98
83) Chrysene	21.056	228	3191047	51.326	ng	99
84) Bis(2-ethylhexyl)phtha...	20.945	149	2252971	52.404	ng	99
85) Di-n-octyl phthalate	21.974	149	3898417	53.874	ng	98
87) Indeno(1,2,3-cd)pyrene	26.732	276	3376459	52.247	ng	98
88) Benzo(b)fluoranthene	22.874	252	3066222	50.909	ng	100
89) Benzo(k)fluoranthene	22.933	252	2947902	51.631	ng	99
90) Benzo(a)pyrene	23.591	252	2820851	54.158	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	2681881	51.226	ng	99
92) Benzo(g,h,i)perylene	27.668	276	2643912	48.577	ng	98

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

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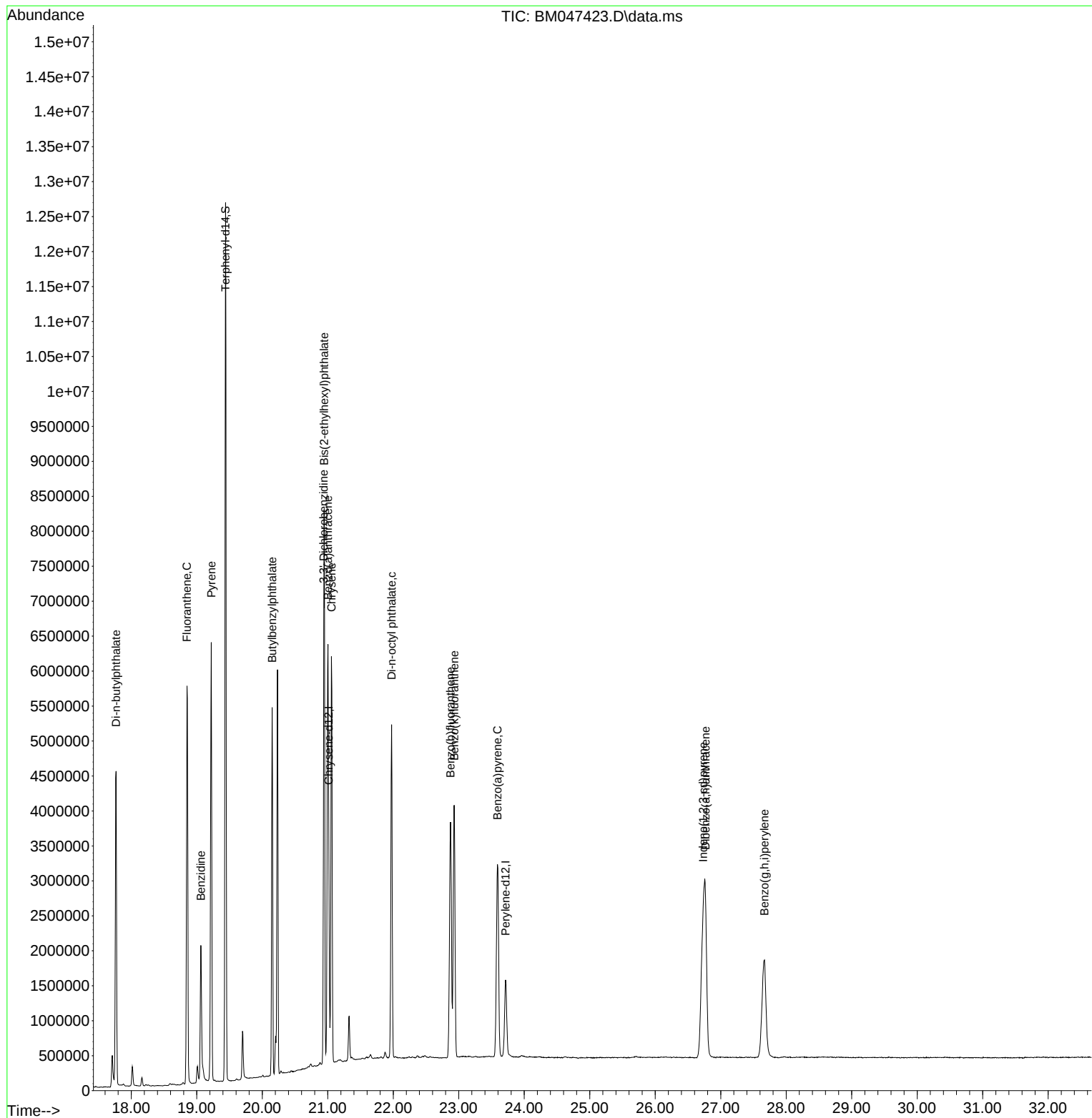
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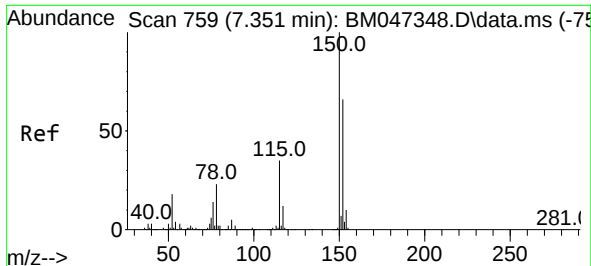


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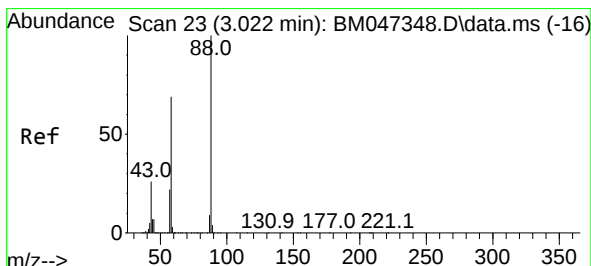
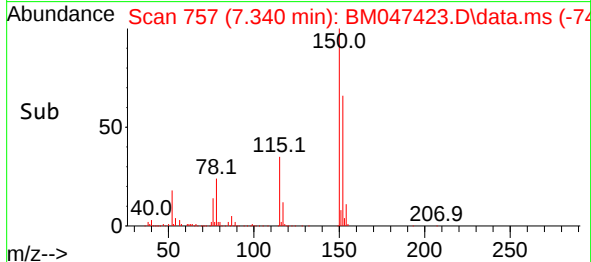
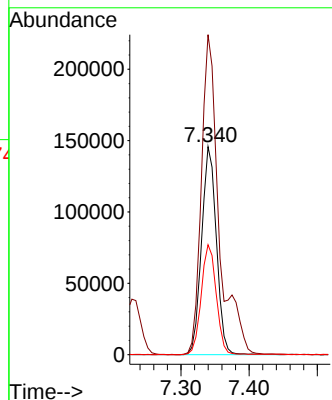
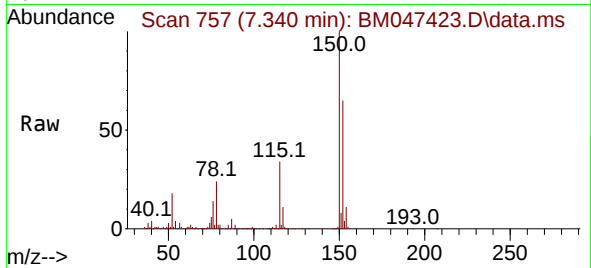




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.340 min Scan# 70
 Delta R.T. -0.011 min
 Lab File: BM047423.D
 Acq: 03 Sep 2024 13:26

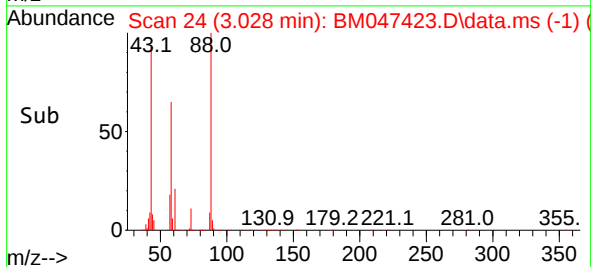
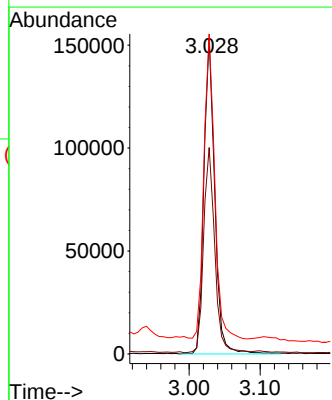
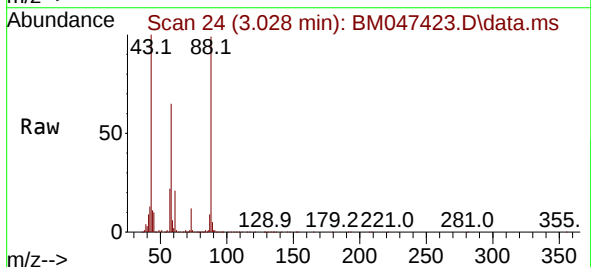
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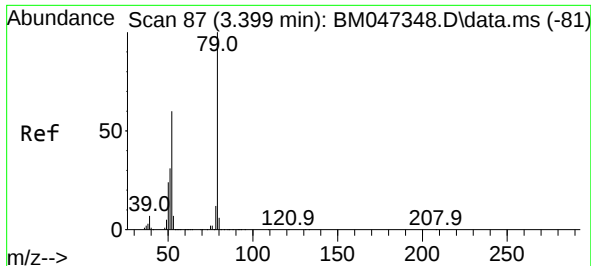
Tgt Ion:152 Resp: 220192
 Ion Ratio Lower Upper
 152 100
 150 153.9 121.3 181.9
 115 52.9 42.6 64.0



#2
 1,4-Dioxane
 Concen: 34.701 ng
 RT: 3.028 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BM047423.D
 Acq: 03 Sep 2024 13:26

Tgt Ion: 88 Resp: 163014
 Ion Ratio Lower Upper
 88 100
 58 66.3 55.4 83.0
 43 97.2 20.7 31.1#

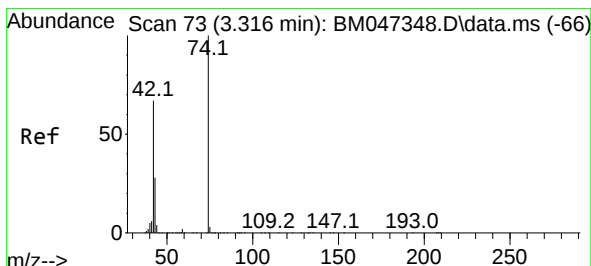
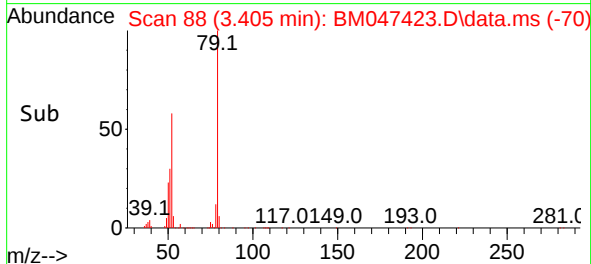
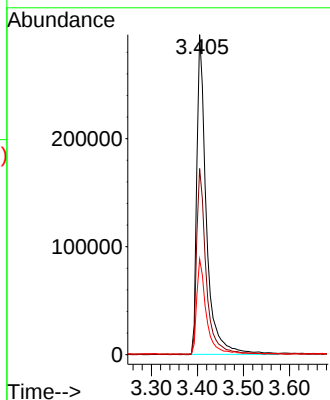
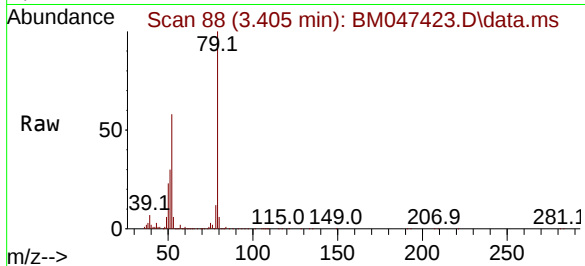




#3
 Pyridine
 Concen: 32.811 ng
 RT: 3.405 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BM047423.D
 Acq: 03 Sep 2024 13:26

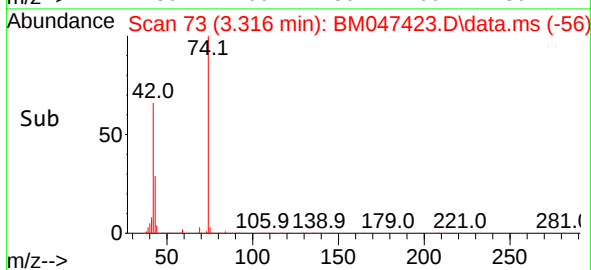
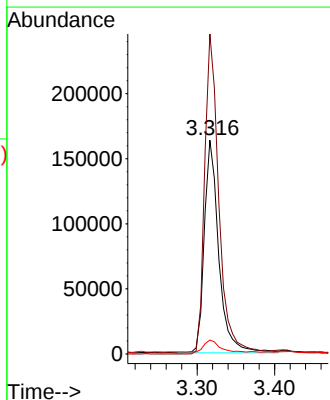
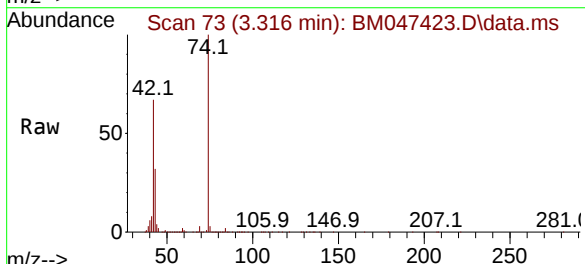
Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 79 Resp: 427795
 Ion Ratio Lower Upper
 79 100
 52 58.1 47.8 71.6
 51 29.9 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 40.146 ng
 RT: 3.316 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: BM047423.D
 Acq: 03 Sep 2024 13:26

Tgt Ion: 42 Resp: 213176
 Ion Ratio Lower Upper
 42 100
 74 149.7 119.2 178.8
 44 6.5 5.2 7.8

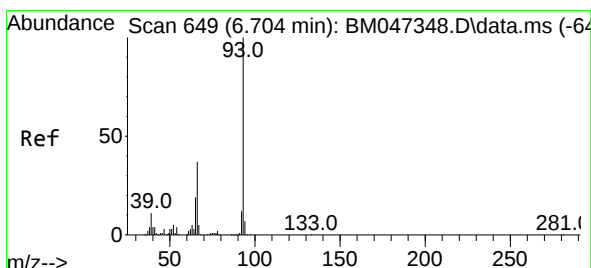
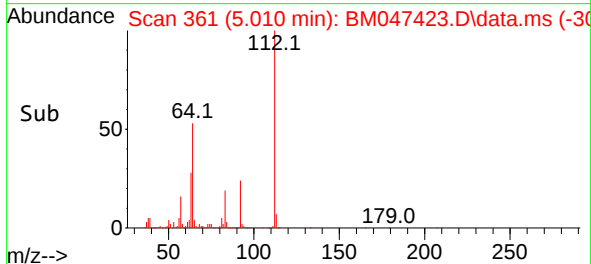
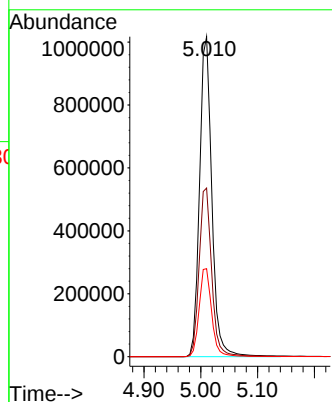
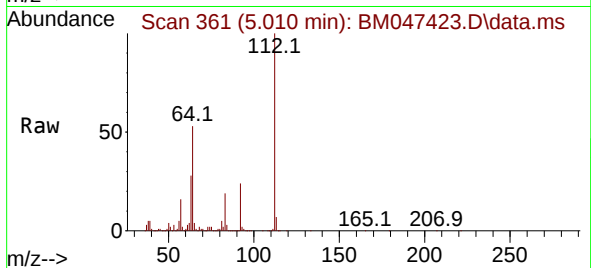




#5
2-Fluorophenol
Concen: 133.352 ng
RT: 5.010 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

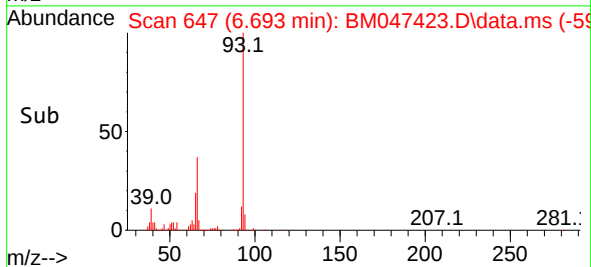
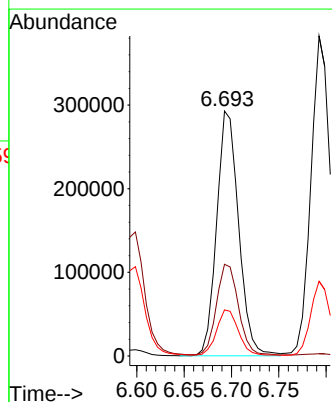
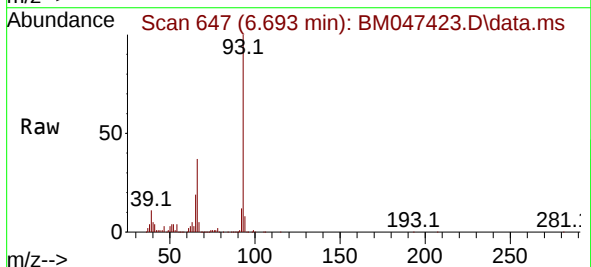
Instrument :
BNA_M
ClientSampleId :

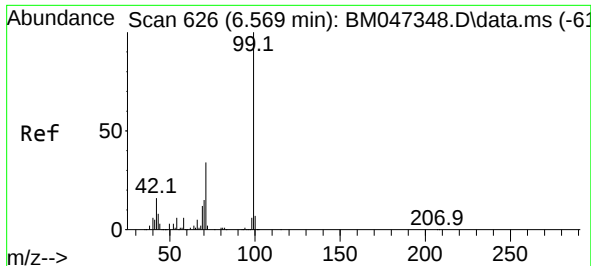
Tgt Ion:112 Resp: 1530472
Ion Ratio Lower Upper
112 100
64 52.7 45.7 68.5
63 27.5 23.8 35.8



#6
Aniline
Concen: 33.389 ng
RT: 6.693 min Scan# 647
Delta R.T. -0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion: 93 Resp: 472809
Ion Ratio Lower Upper
93 100
66 37.4 30.0 45.0
65 18.8 15.5 23.3



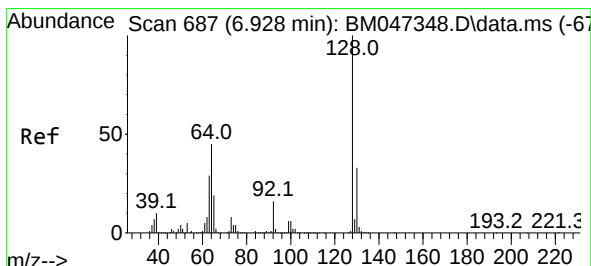
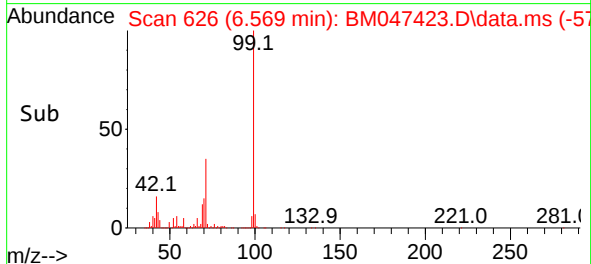
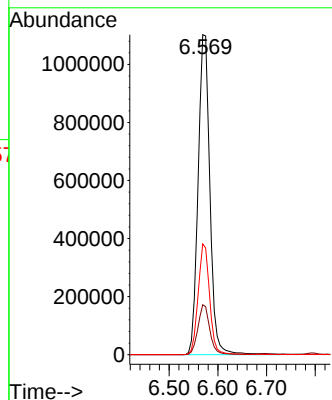
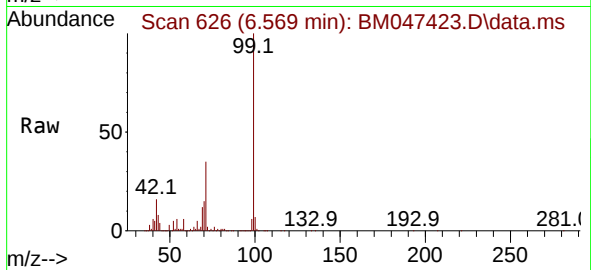


#7
Phenol-d6
Concen: 119.170 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1863185

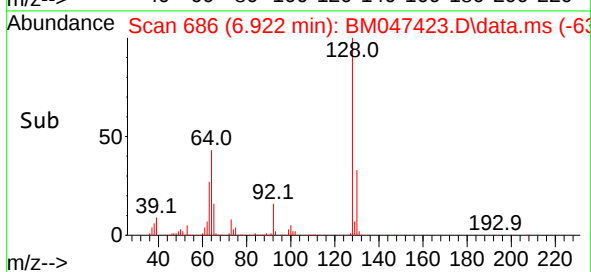
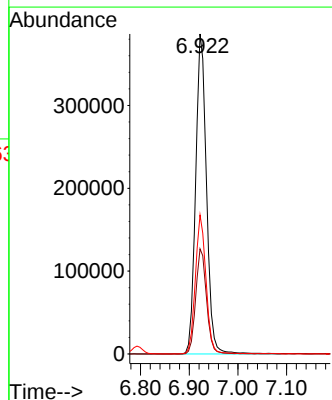
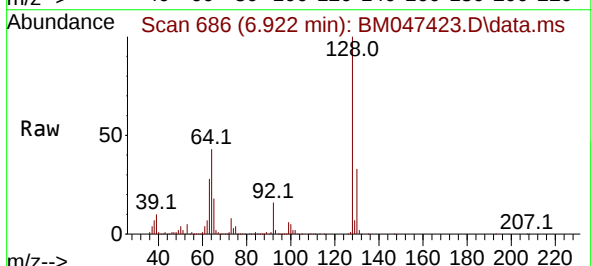
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	34.6	27.5	41.3

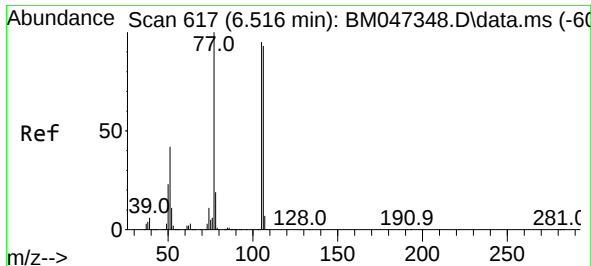


#8
2-Chlorophenol
Concen: 46.842 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion: 128 Resp: 601734

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	43.5	25.3	65.3

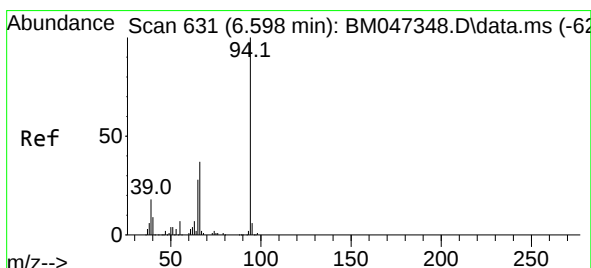
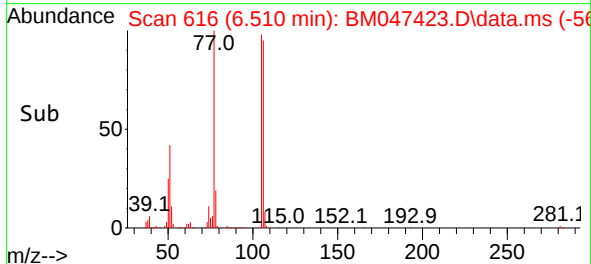
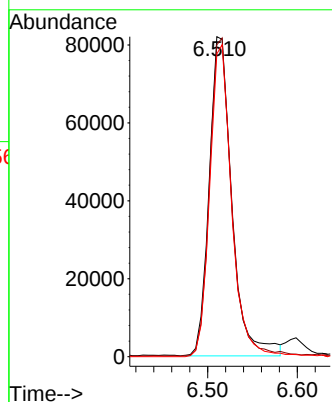
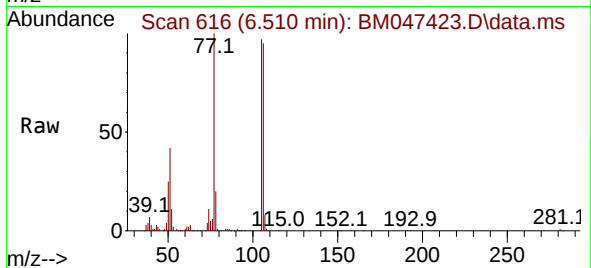




#9
Benzaldehyde
Concen: 14.101 ng
RT: 6.510 min Scan# 617
Delta R.T. -0.006 min
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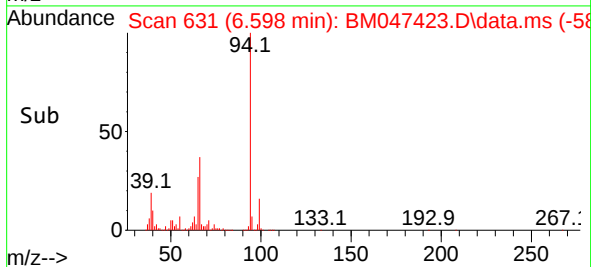
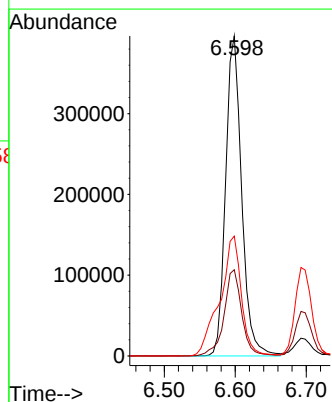
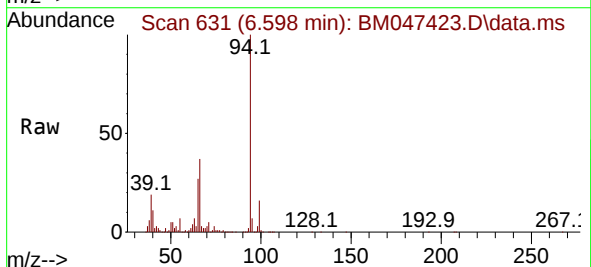
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BNA_M
ClientSampleId :

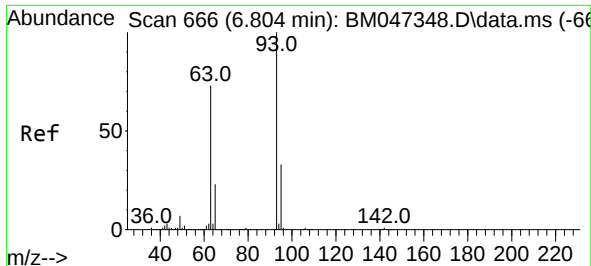
Tgt Ion: 77 Resp: 143557
Ion Ratio Lower Upper
77 100
105 97.4 74.9 114.9
106 94.6 72.6 112.6



#10
Phenol
Concen: 40.307 ng
RT: 6.598 min Scan# 631
Delta R.T. 0.000 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion: 94 Resp: 620016
Ion Ratio Lower Upper
94 100
65 26.9 7.9 47.9
66 37.4 17.3 57.3

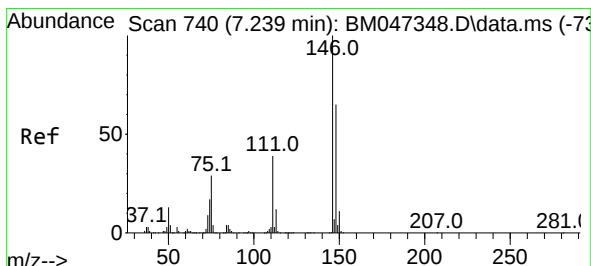
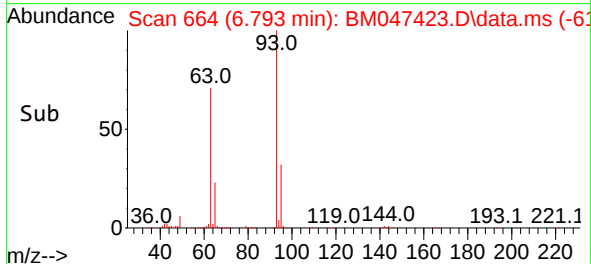
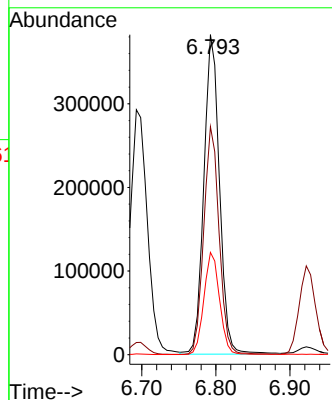
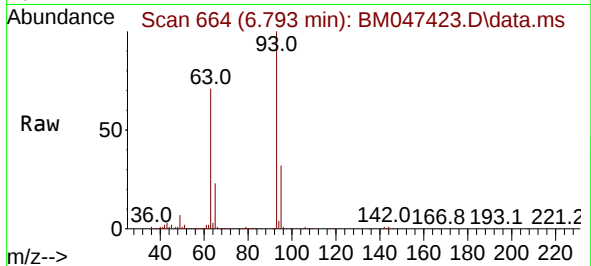




#11
bis(2-Chloroethyl)ether
Concen: 41.998 ng
RT: 6.793 min Scan# 666
Delta R.T. -0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

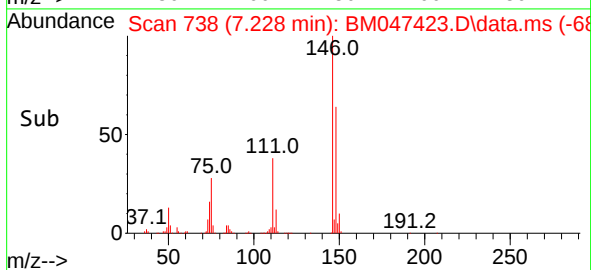
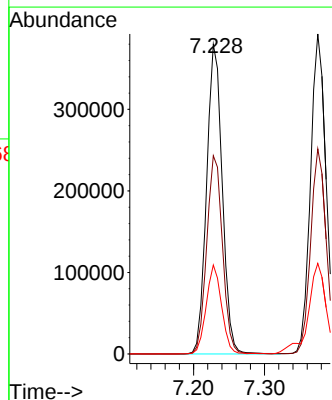
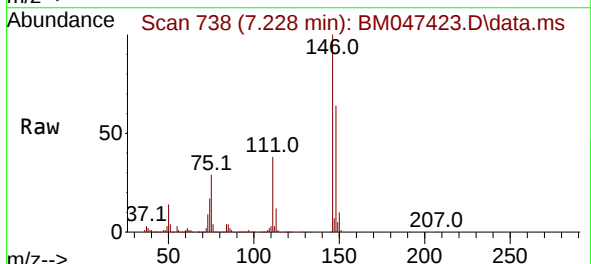
Instrument :
BNA_M
ClientSampleId :

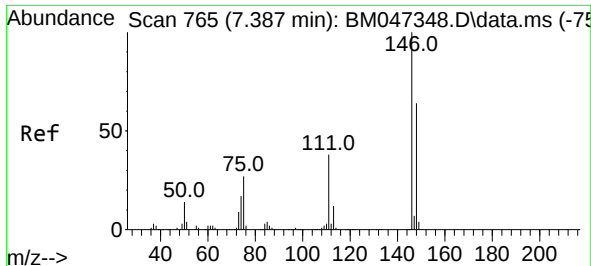
Tgt Ion: 93 Resp: 559842
Ion Ratio Lower Upper
93 100
63 71.3 52.2 92.2
95 32.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 37.123 ng
RT: 7.228 min Scan# 738
Delta R.T. -0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion: 146 Resp: 583143
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
75 28.7 23.3 34.9

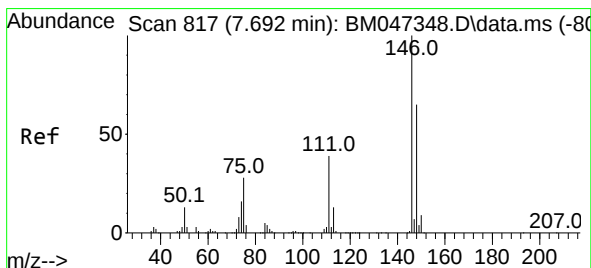
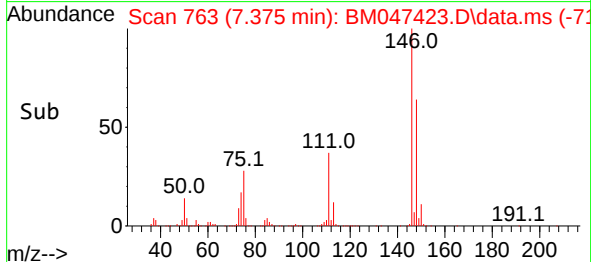
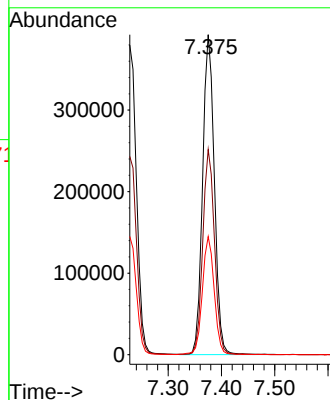
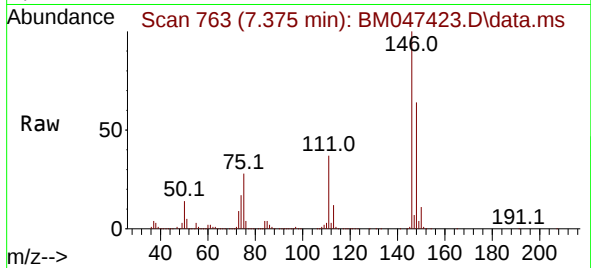




#13
1,4-Dichlorobenzene
Concen: 37.665 ng
RT: 7.375 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

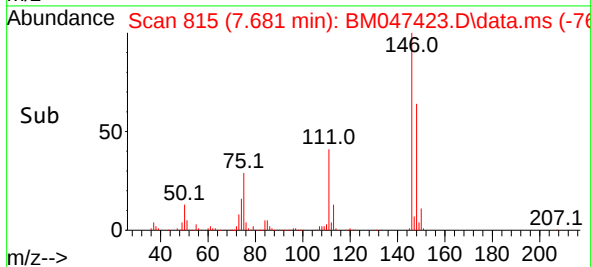
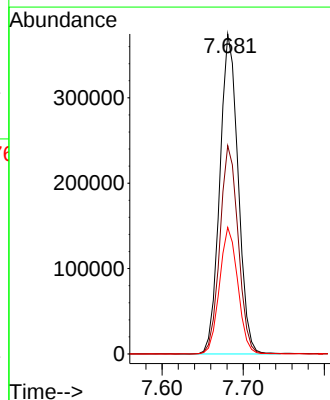
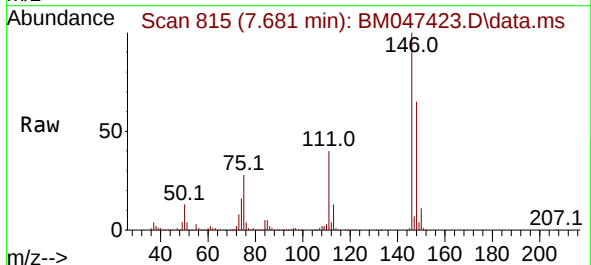
Instrument :
BNA_M
ClientSampleId :

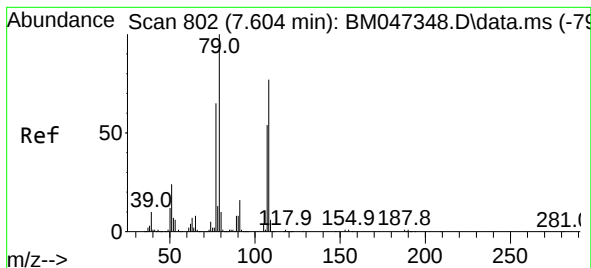
Tgt Ion:146 Resp: 599194
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 36.9 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 39.057 ng
RT: 7.681 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion:146 Resp: 588836
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.6
111 39.6 31.7 47.5





#15

Benzyl Alcohol

Concen: 51.186 ng

RT: 7.604 min Scan# 802

Delta R.T. 0.000 min

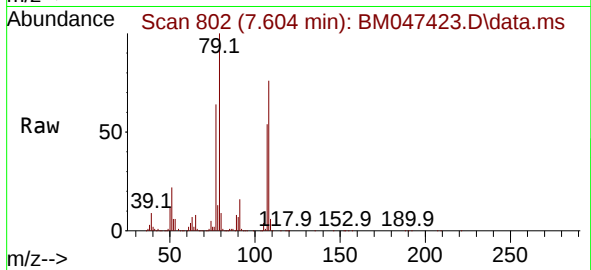
Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :



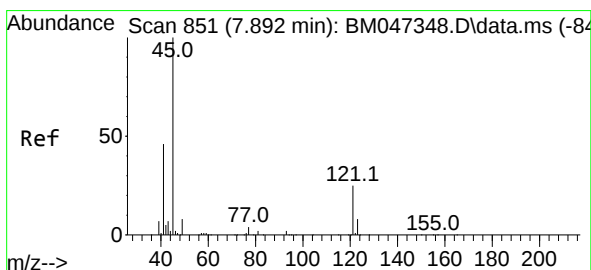
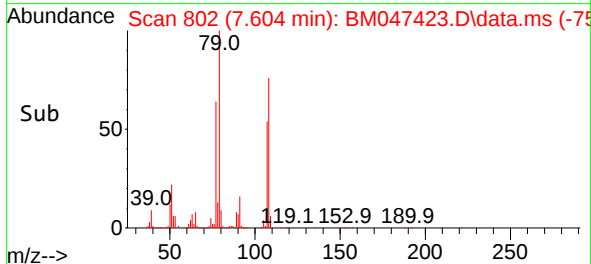
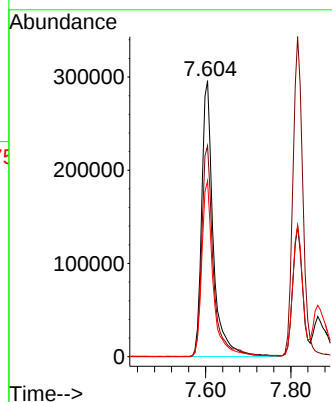
Tgt Ion: 79 Resp: 554818

Ion Ratio Lower Upper

79 100

108 76.4 61.1 91.7

77 63.7 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.308 ng

RT: 7.863 min Scan# 846

Delta R.T. -0.029 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

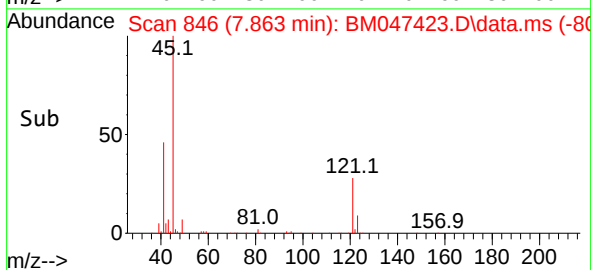
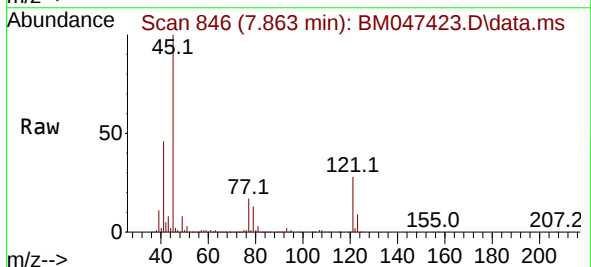
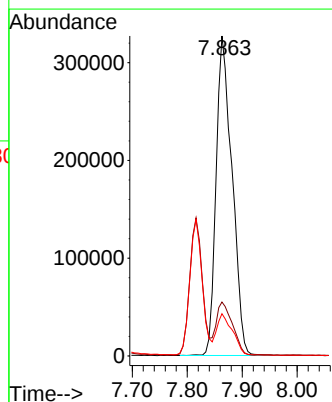
Tgt Ion: 45 Resp: 660249

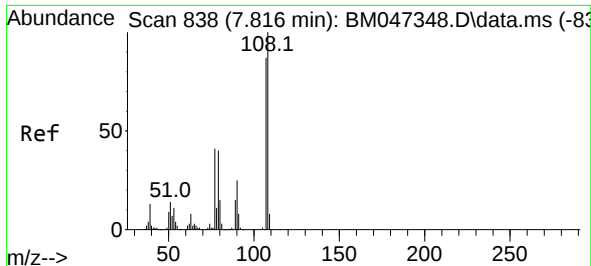
Ion Ratio Lower Upper

45 100

77 16.8 0.0 36.7

79 13.2 0.0 33.0





#17

2-Methylphenol

Concen: 46.210 ng

RT: 7.816 min Scan# 81

Delta R.T. 0.000 min

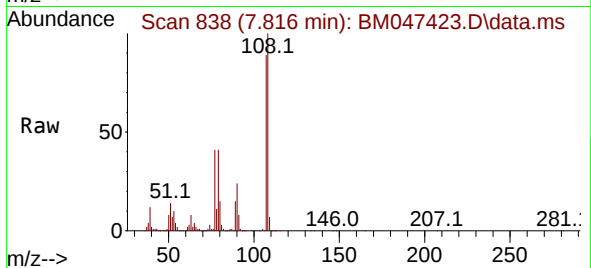
Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:107 Resp: 493851

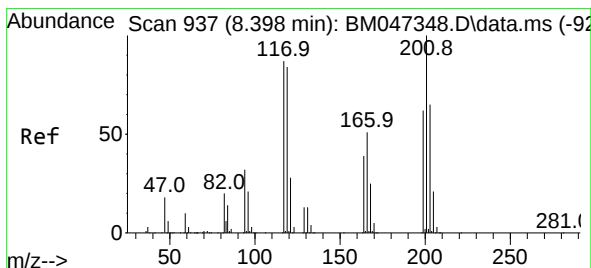
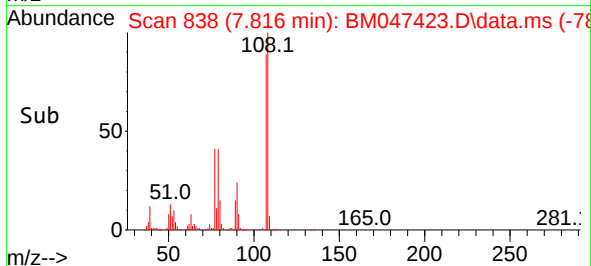
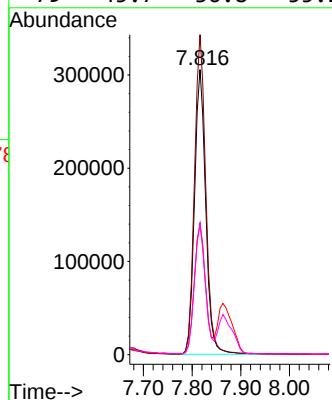
Ion Ratio Lower Upper

107 100

108 112.2 91.6 137.4

77 46.1 38.0 57.0

79 45.7 36.8 55.2



#18

Hexachloroethane

Concen: 36.266 ng

RT: 8.387 min Scan# 935

Delta R.T. -0.012 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

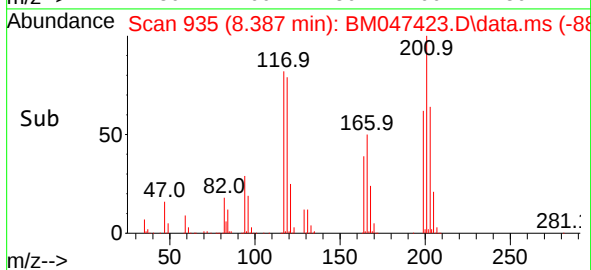
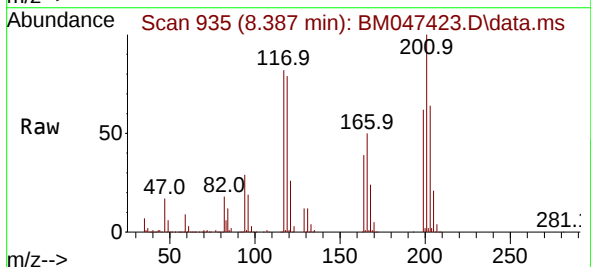
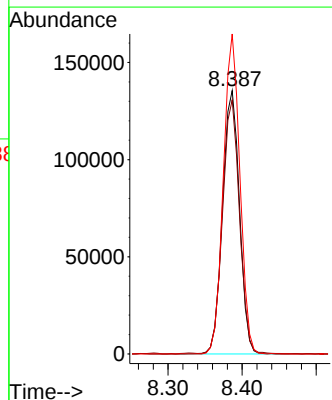
Tgt Ion:117 Resp: 215675

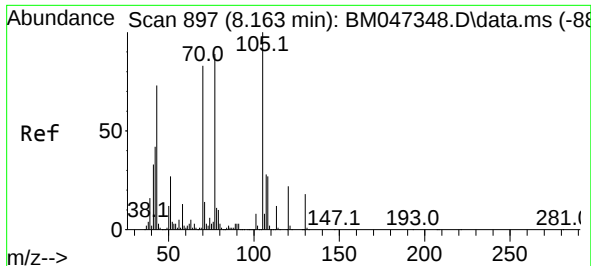
Ion Ratio Lower Upper

117 100

119 96.5 77.8 116.8

201 121.5 92.3 138.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.802 ng

RT: 8.151 min Scan# 895

Delta R.T. -0.012 min

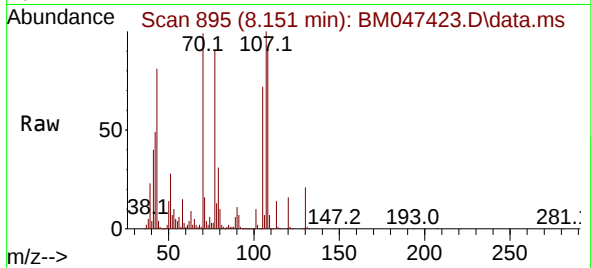
Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :



Tgt Ion: 70 Resp: 427763

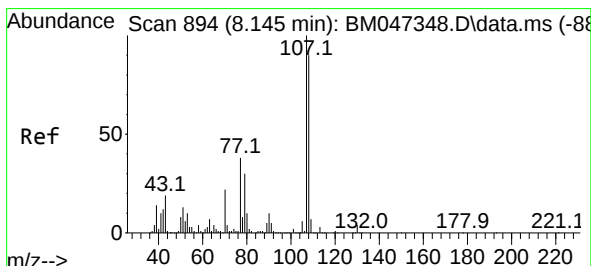
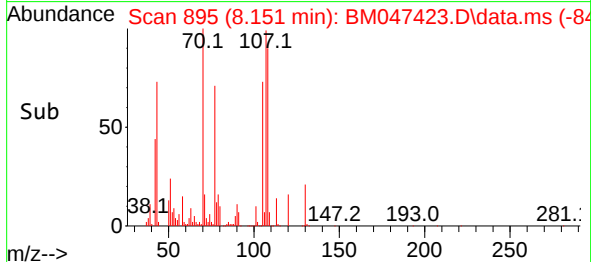
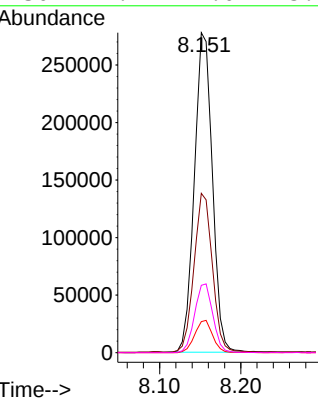
Ion Ratio Lower Upper

70 100

42 49.8 41.0 61.4

101 9.7 7.9 11.9

130 21.1 17.0 25.6



#20

3+4-Methylphenols

Concen: 44.555 ng

RT: 8.145 min Scan# 894

Delta R.T. 0.000 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Tgt Ion: 107 Resp: 662053

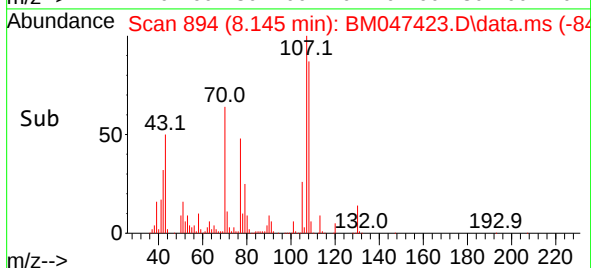
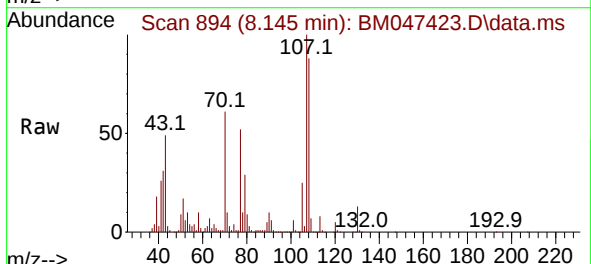
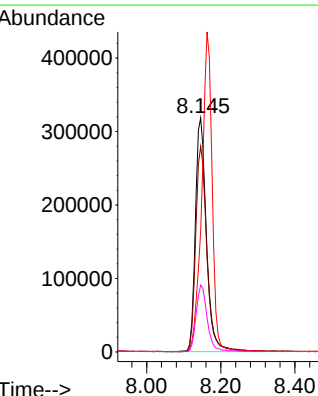
Ion Ratio Lower Upper

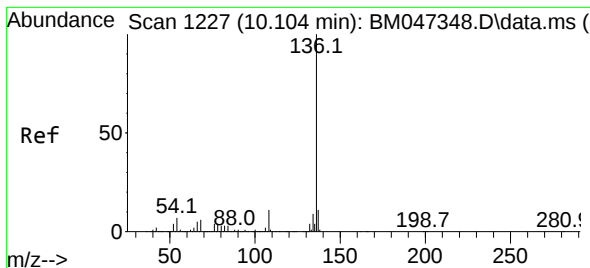
107 100

108 87.8 69.8 109.8

77 51.6 18.0 58.0

79 28.6 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.092 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:136 Resp: 836515

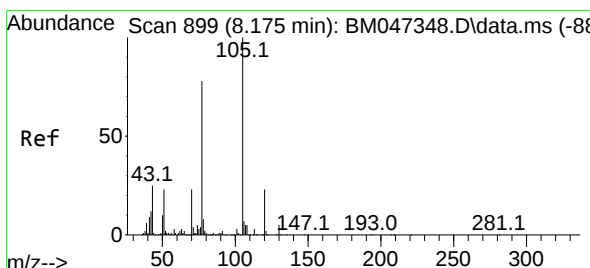
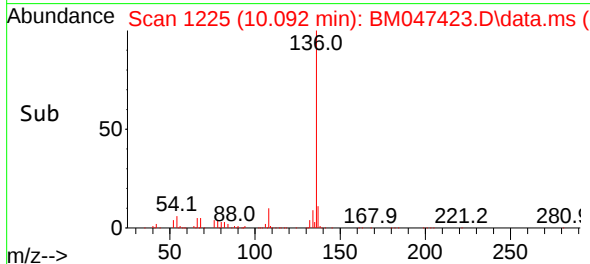
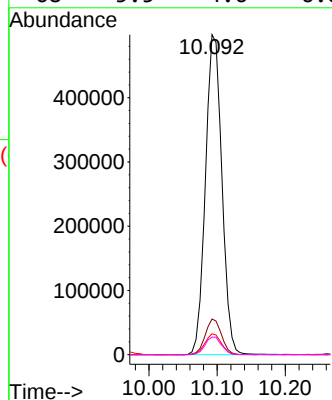
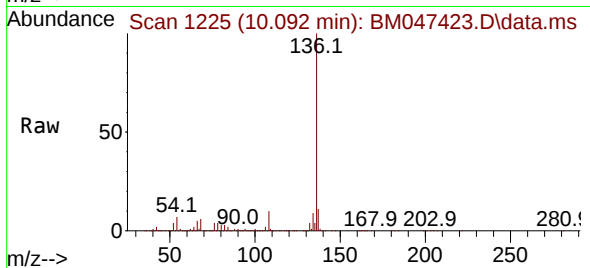
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.5 5.2 7.8

68 5.5 4.6 6.8



#22

Acetophenone

Concen: 42.665 ng

RT: 8.163 min Scan# 897

Delta R.T. -0.012 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Tgt Ion:105 Resp: 828290

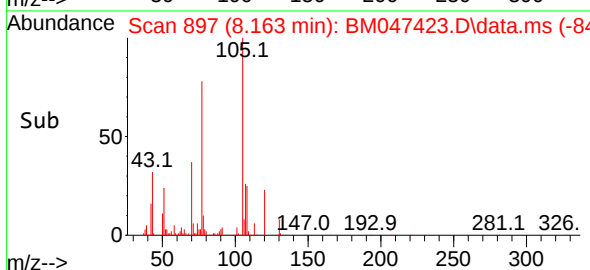
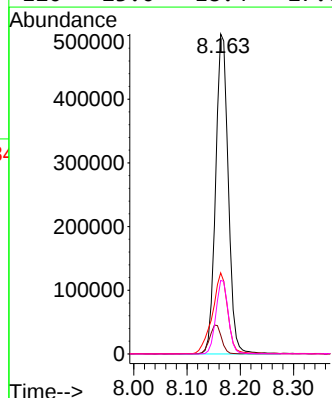
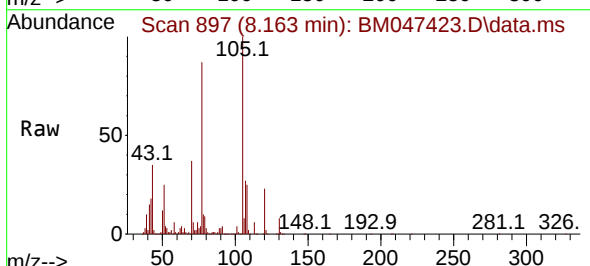
Ion Ratio Lower Upper

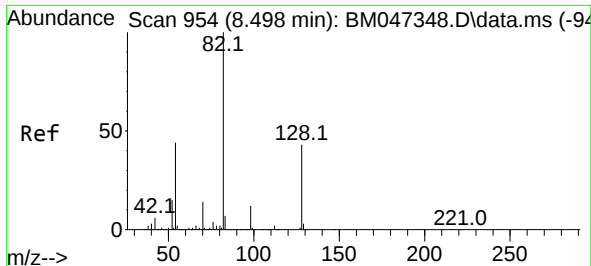
105 100

71 5.9 3.1 4.7#

51 25.4 18.7 28.1

120 23.0 18.4 27.6

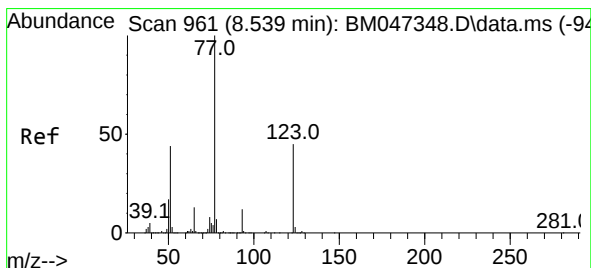
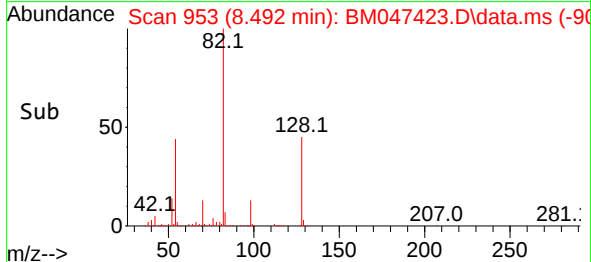
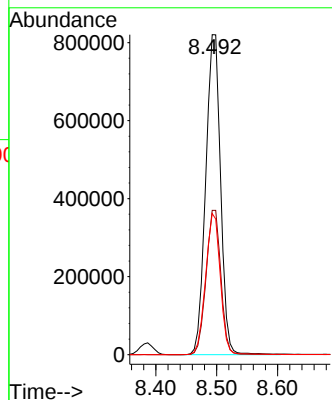
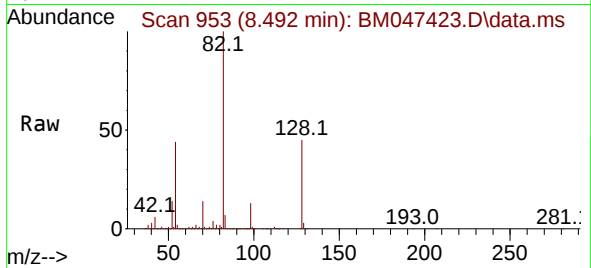




#23
Nitrobenzene-d5
Concen: 92.321 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

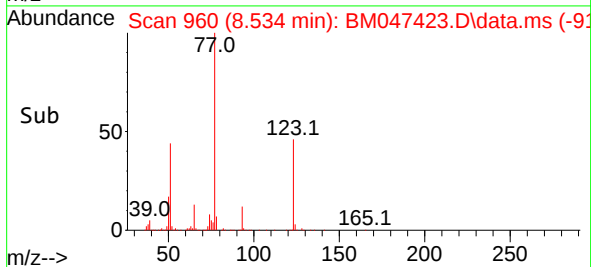
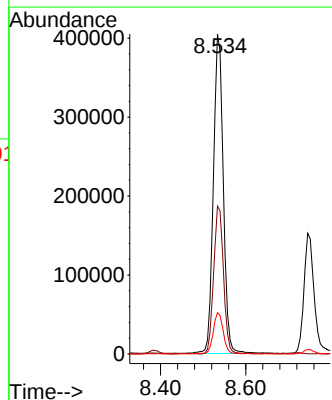
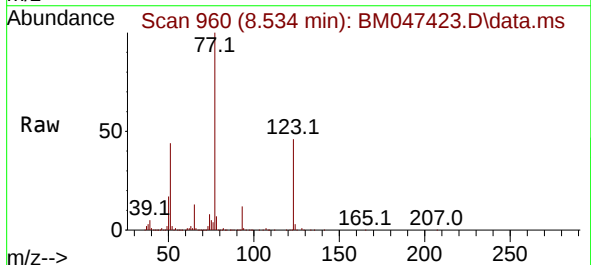
Instrument :
BNA_M
ClientSampleId :

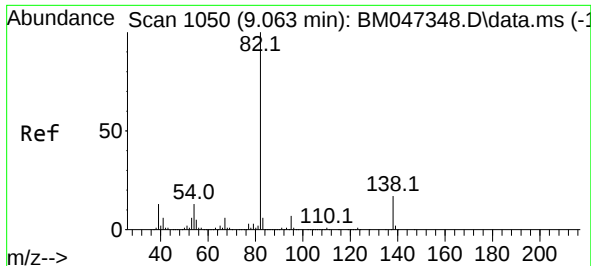
Tgt Ion: 82 Resp: 1391848
Ion Ratio Lower Upper
82 100
128 45.1 34.6 51.8
54 44.1 35.5 53.3



#24
Nitrobenzene
Concen: 42.053 ng
RT: 8.534 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

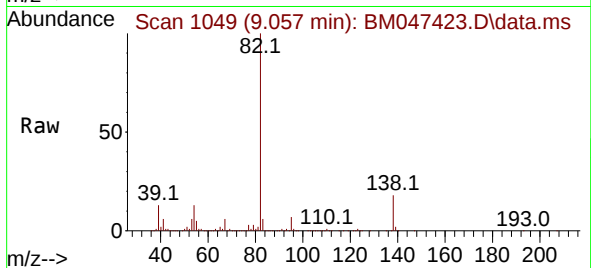
Tgt Ion: 77 Resp: 652064
Ion Ratio Lower Upper
77 100
123 46.2 35.6 53.4
65 12.9 10.5 15.7



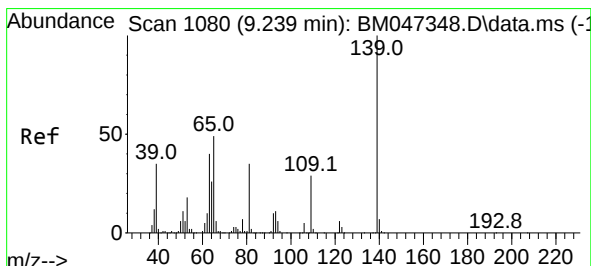
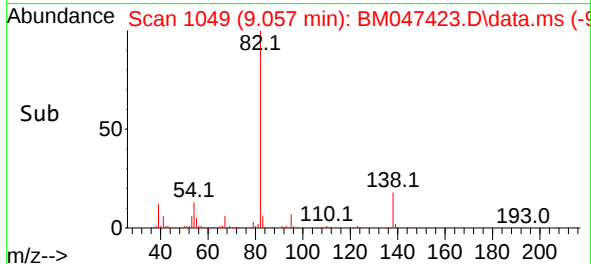
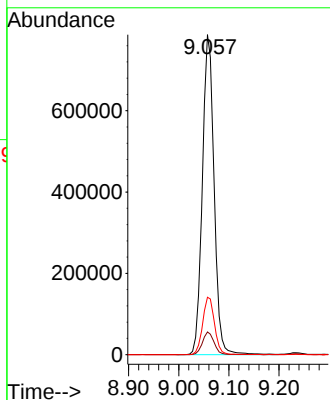


#25
Isophorone
Concen: 44.950 ng
RT: 9.057 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Instrument :
BNA_M
ClientSampleId :

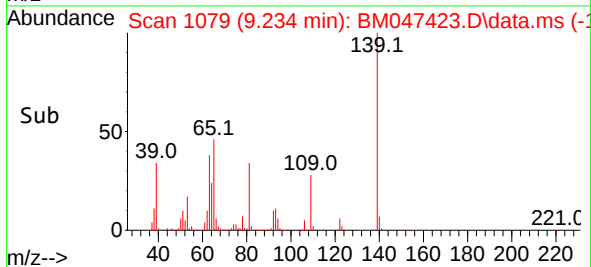
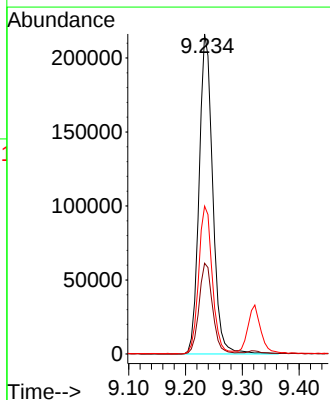
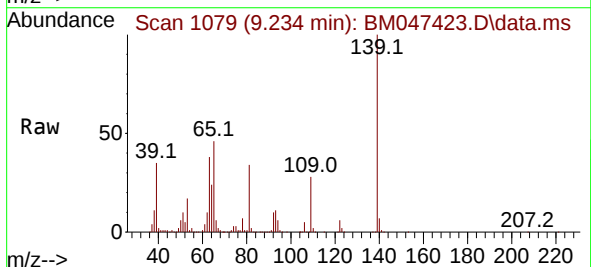


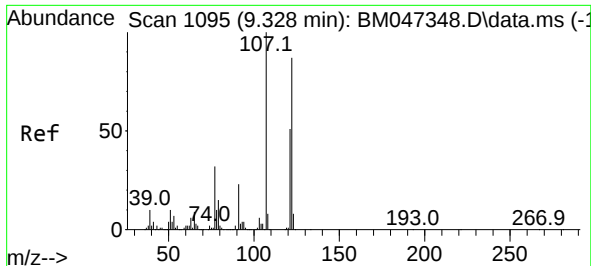
Tgt Ion: 82 Resp: 1280823
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.0 13.9 20.9



#26
2-Nitrophenol
Concen: 47.100 ng
RT: 9.234 min Scan# 1079
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

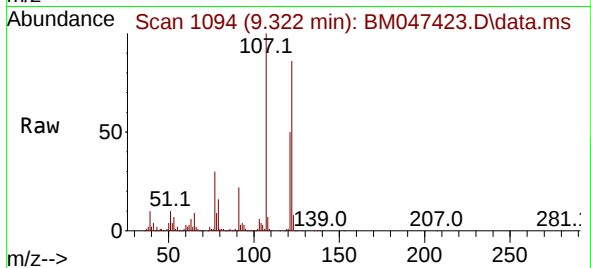
Tgt Ion: 139 Resp: 359232
Ion Ratio Lower Upper
139 100
109 28.3 23.4 35.0
65 46.2 39.6 59.4



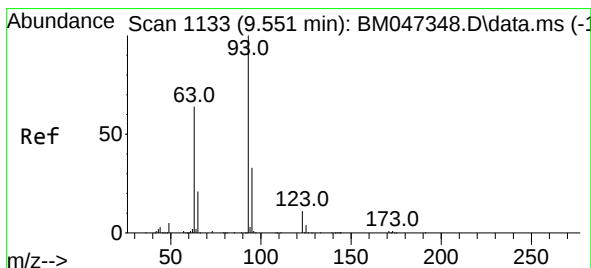
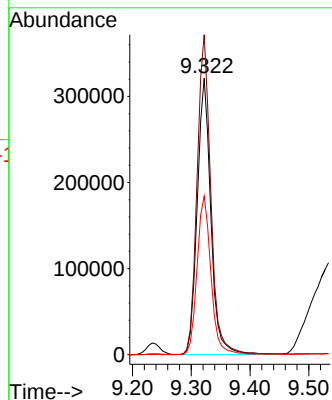
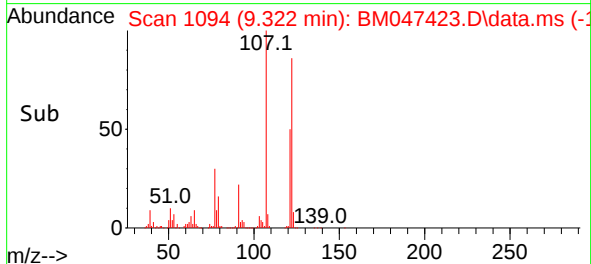


#27
2,4-Dimethylphenol
Concen: 59.996 ng
RT: 9.322 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

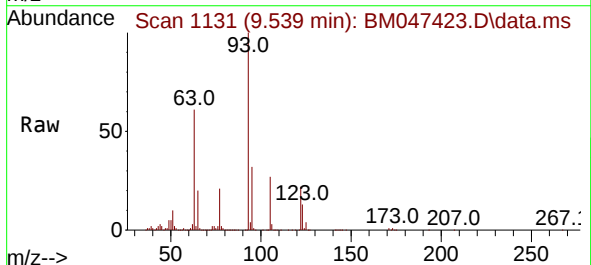
Instrument :
BNA_M
ClientSampleId :



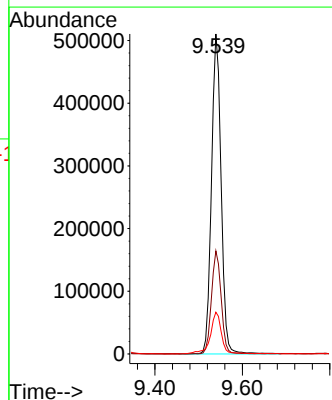
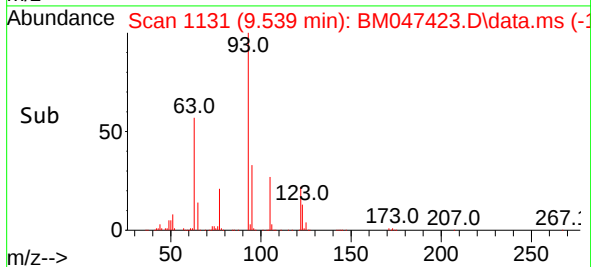
Tgt Ion:122 Resp: 516503
Ion Ratio Lower Upper
122 100
107 115.7 91.9 137.9
121 57.4 47.0 70.6

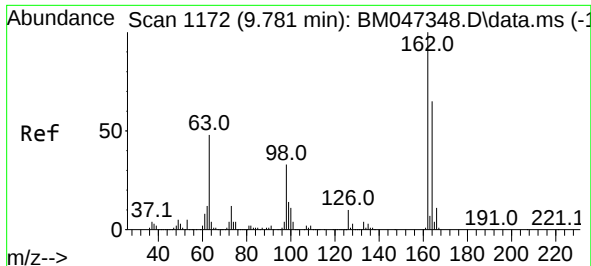


#28
bis(2-Chloroethoxy)methane
Concen: 44.986 ng
RT: 9.539 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26



Tgt Ion: 93 Resp: 784948
Ion Ratio Lower Upper
93 100
95 32.2 26.6 39.8
123 13.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 51.703 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

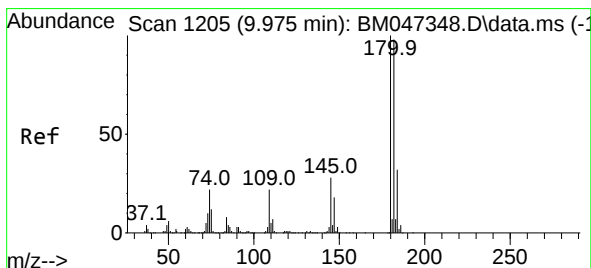
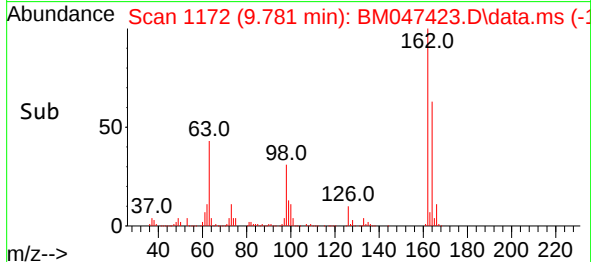
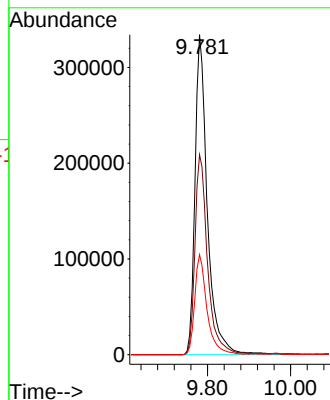
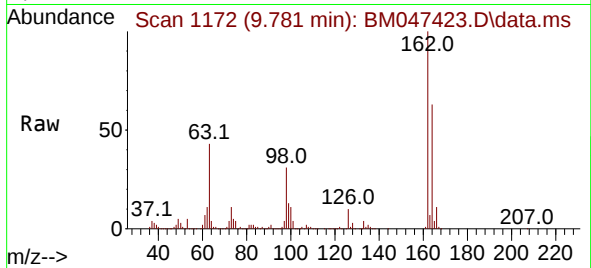
Tgt Ion:162 Resp: 690474

Ion Ratio Lower Upper

162 100

164 62.5 44.6 84.6

98 31.3 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 41.257 ng

RT: 9.969 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

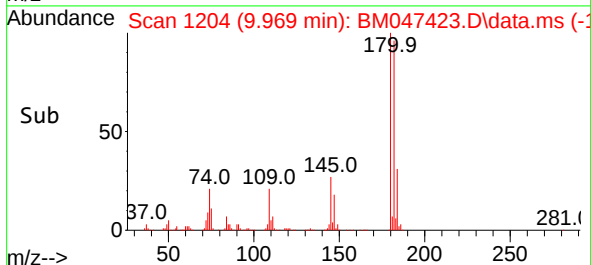
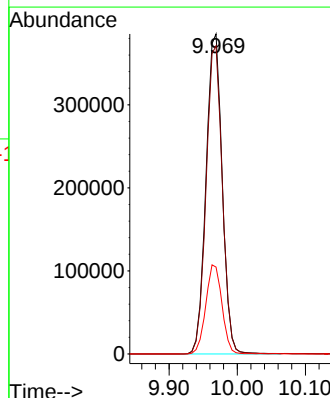
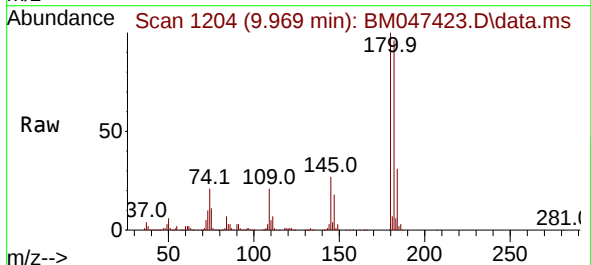
Tgt Ion:180 Resp: 636391

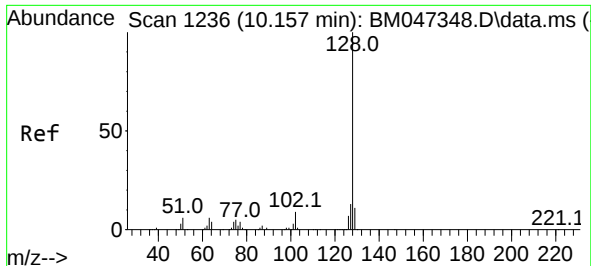
Ion Ratio Lower Upper

180 100

182 96.3 78.2 117.2

145 27.2 22.3 33.5

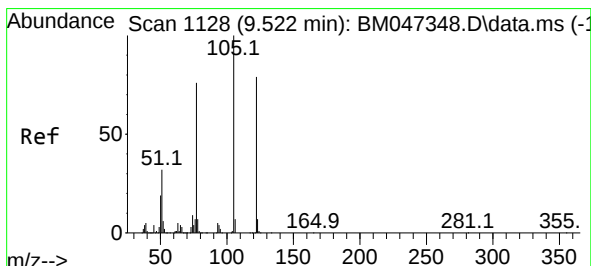
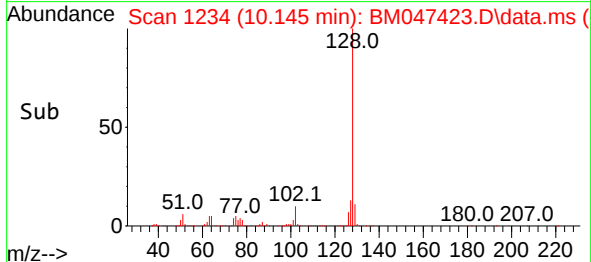
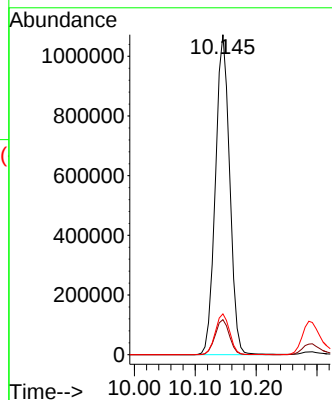
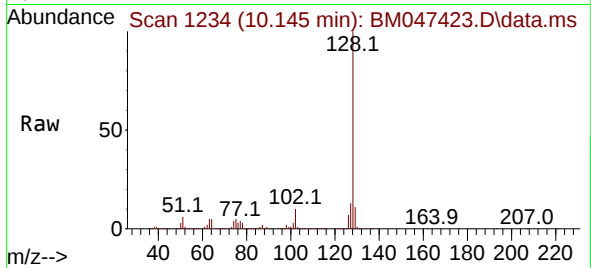




#31
Naphthalene
Concen: 42.646 ng
RT: 10.145 min Scan# 111
Delta R.T. -0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

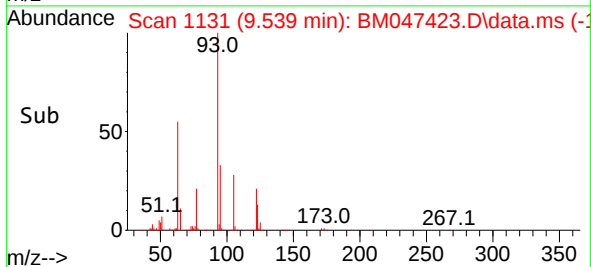
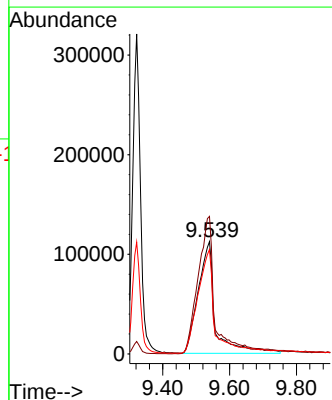
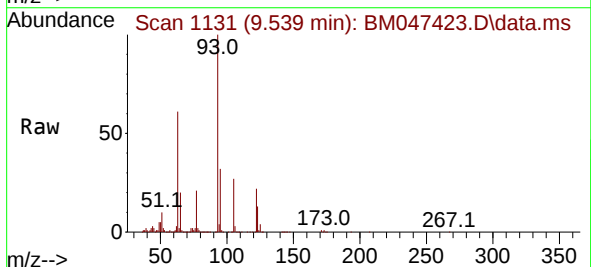
Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 1742378
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 38.820 ng
RT: 9.539 min Scan# 1131
Delta R.T. 0.017 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion:122 Resp: 399066
Ion Ratio Lower Upper
122 100
105 122.5 106.0 146.0
77 93.0 76.3 116.3





#33

4-Chloroaniline

Concen: 16.982 ng

RT: 10.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:127 Resp: 257978

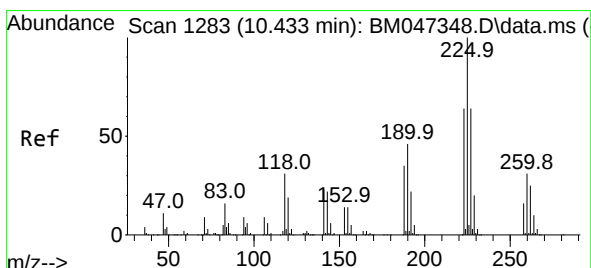
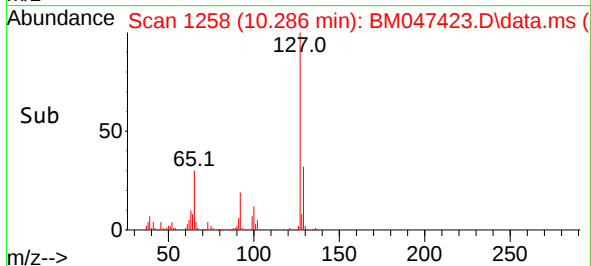
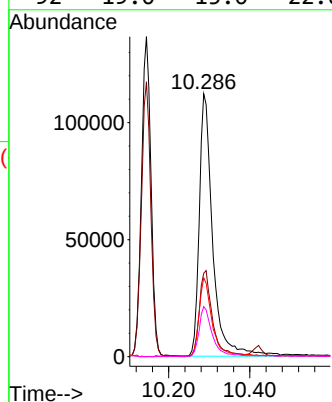
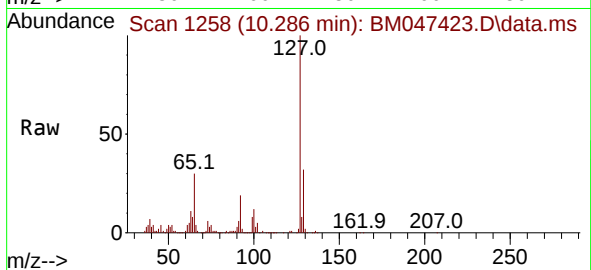
Ion Ratio Lower Upper

127 100

129 31.7 25.8 38.8

65 30.0 24.2 36.2

92 19.0 15.0 22.6



#34

Hexachlorobutadiene

Concen: 41.479 ng

RT: 10.422 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

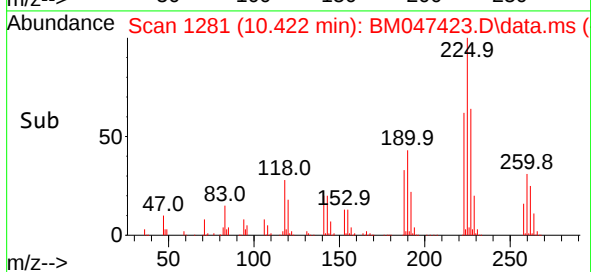
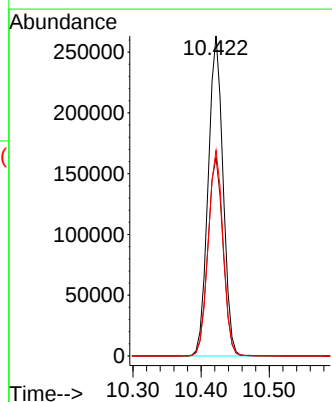
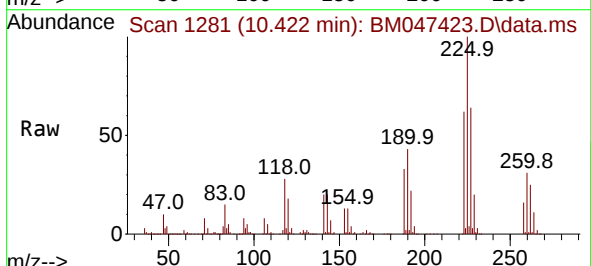
Tgt Ion:225 Resp: 399582

Ion Ratio Lower Upper

225 100

223 62.0 51.1 76.7

227 64.3 51.0 76.6





#35

Caprolactam

Concen: 42.455 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.012 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

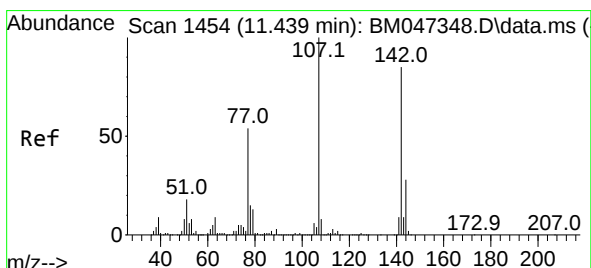
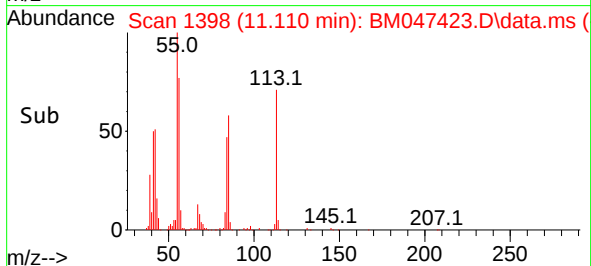
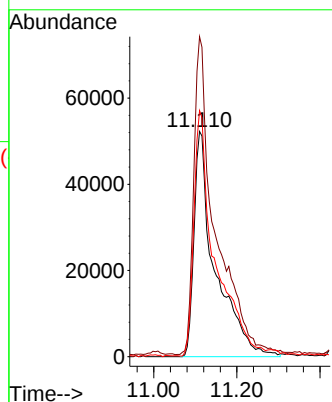
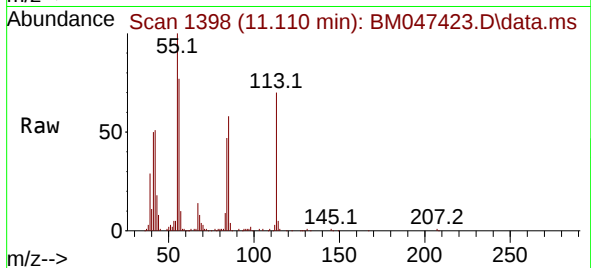
Tgt Ion:113 Resp: 183668

Ion Ratio Lower Upper

113 100

55 142.1 126.2 166.2

56 109.3 93.2 133.2



#36

4-Chloro-3-methylphenol

Concen: 48.940 ng

RT: 11.445 min Scan# 1455

Delta R.T. 0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

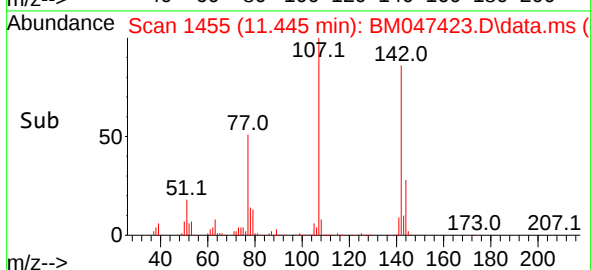
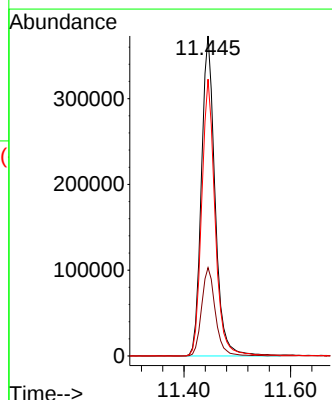
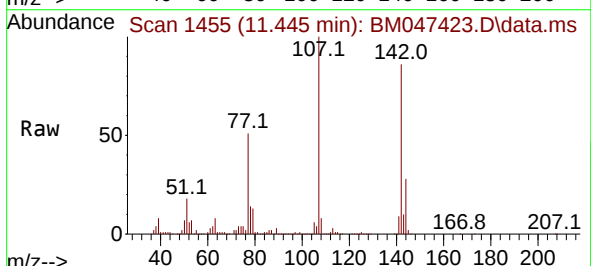
Tgt Ion:107 Resp: 663710

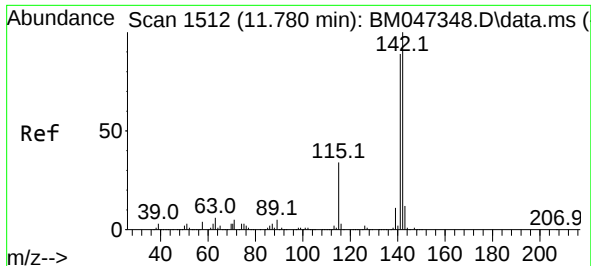
Ion Ratio Lower Upper

107 100

144 27.6 22.2 33.4

142 86.5 67.7 101.5





#37

2-Methylnaphthalene

Concen: 44.881 ng

RT: 11.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

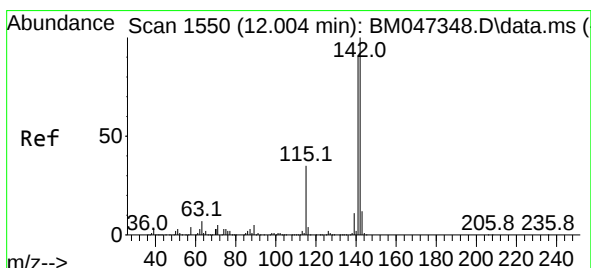
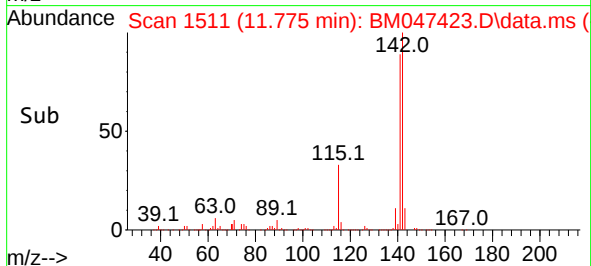
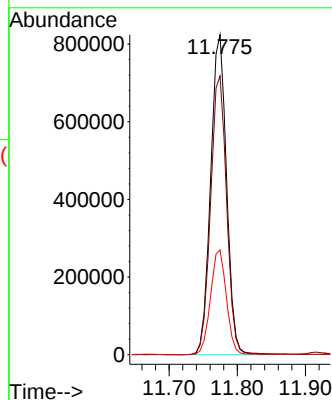
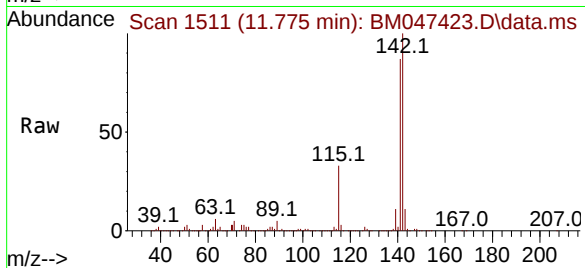
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:142 Resp: 1337013

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.8	106.2
115	32.8	27.5	41.3



#38

1-Methylnaphthalene

Concen: 42.892 ng

RT: 11.998 min Scan# 1549

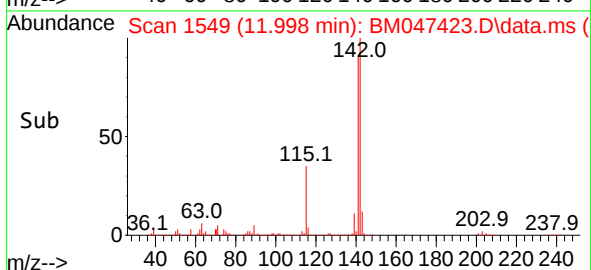
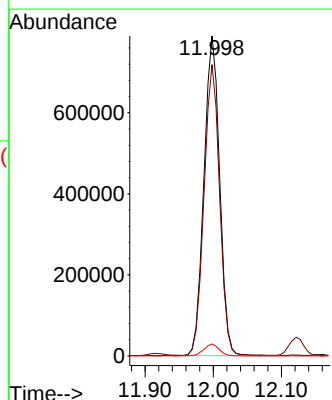
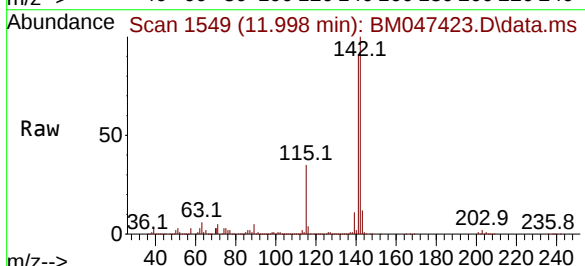
Delta R.T. -0.006 min

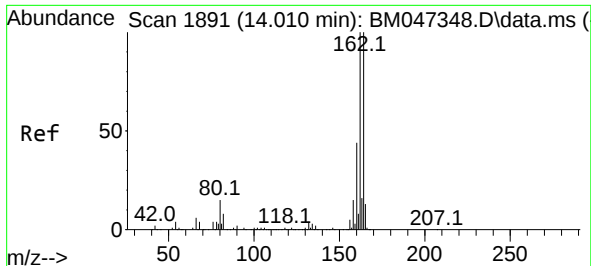
Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Tgt Ion:142 Resp: 1263725

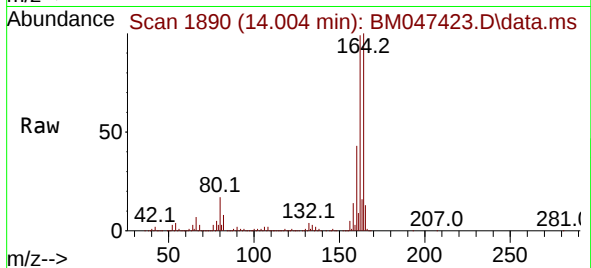
Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.9	109.3
116	3.8	3.0	4.6



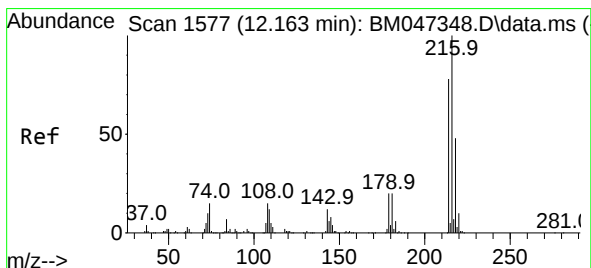
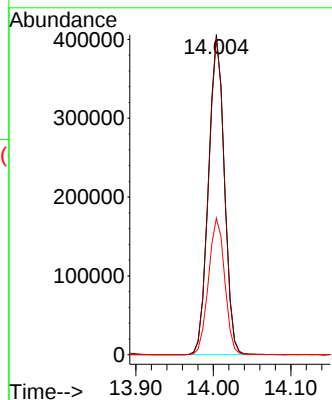
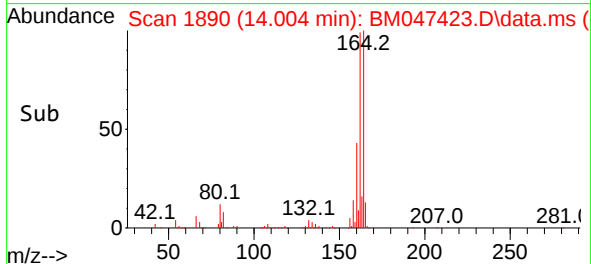


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

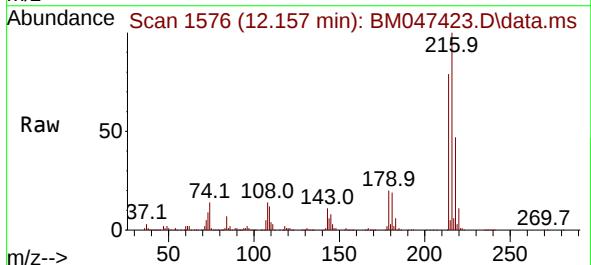
Instrument :
BNA_M
ClientSampleId :



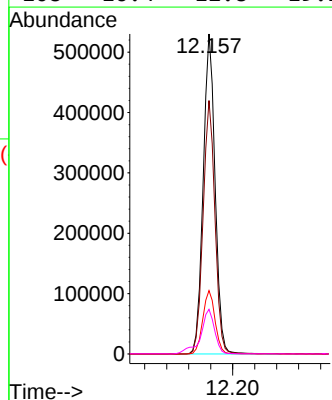
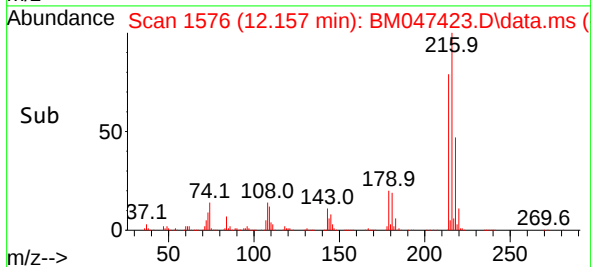
Tgt Ion:164 Resp: 576251
Ion Ratio Lower Upper
164 100
162 99.0 79.7 119.5
160 42.6 34.9 52.3

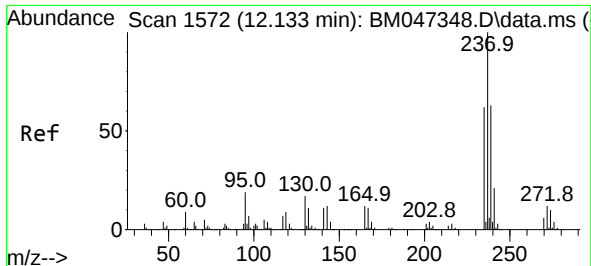


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.697 ng
RT: 12.157 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26



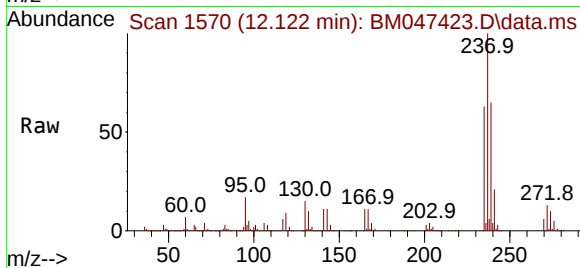
Tgt Ion:216 Resp: 796823
Ion Ratio Lower Upper
216 100
214 78.9 62.6 94.0
179 20.4 16.6 24.8
108 16.4 12.8 19.2



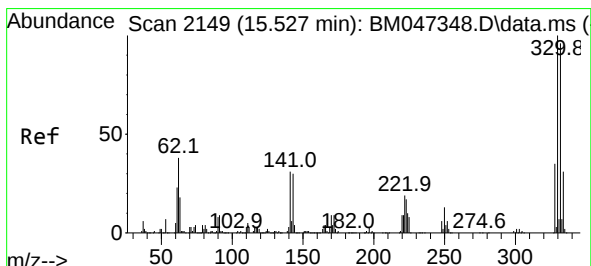
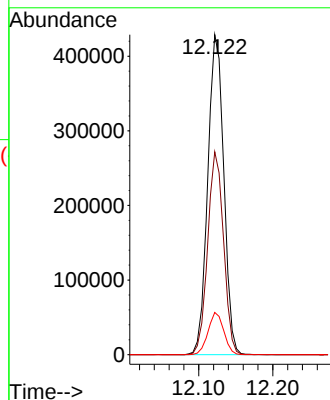
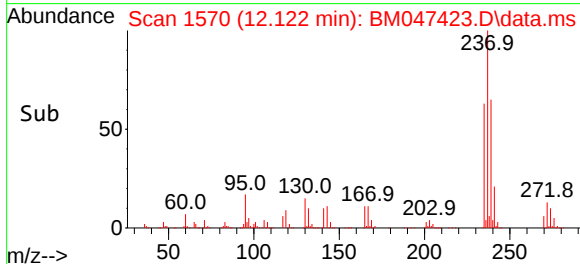


#41
Hexachlorocyclopentadiene
Concen: 119.814 ng
RT: 12.122 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

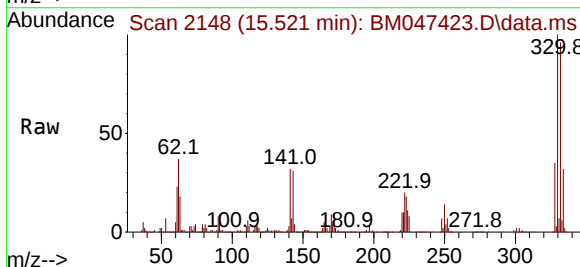
Instrument :
BNA_M
ClientSampleId :



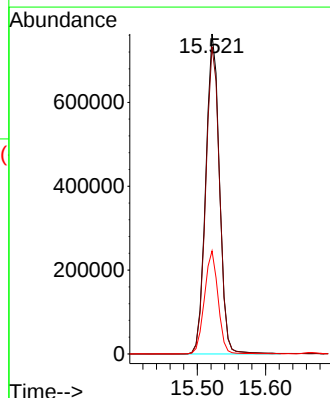
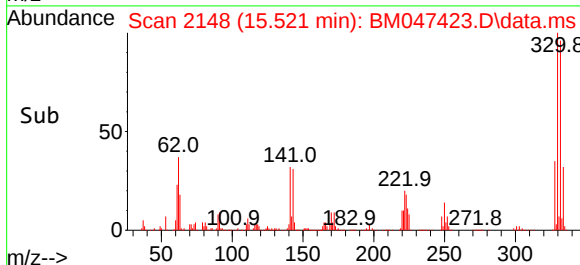
Tgt Ion:237 Resp: 645254
Ion Ratio Lower Upper
237 100
235 63.4 42.1 82.1
272 13.2 0.0 32.3

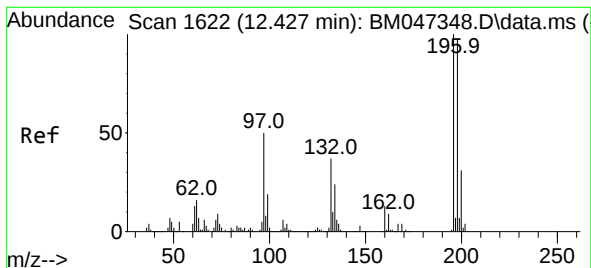


#42
2,4,6-Tribromophenol
Concen: 154.044 ng
RT: 15.521 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26



Tgt Ion:330 Resp: 1070972
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 31.9 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 50.142 ng

RT: 12.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

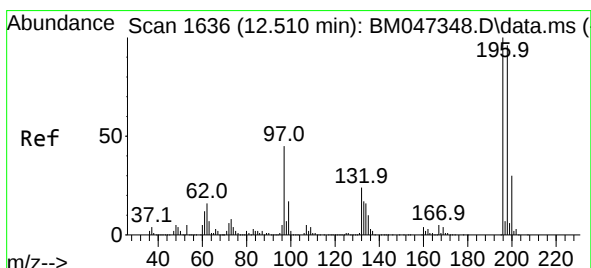
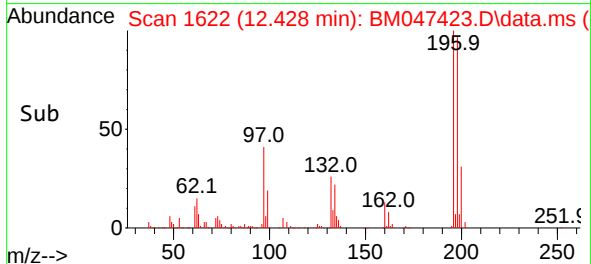
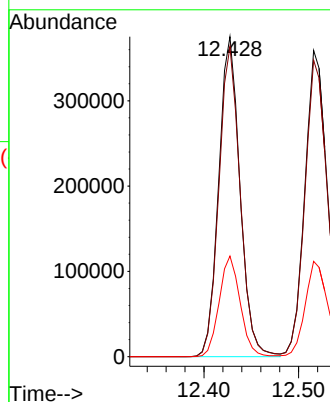
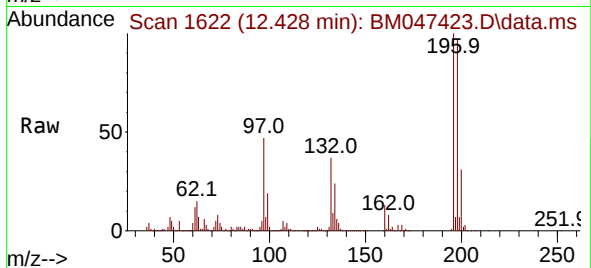
Tgt Ion:196 Resp: 586535

Ion Ratio Lower Upper

196 100

198 96.9 78.2 117.2

200 31.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 48.226 ng

RT: 12.516 min Scan# 1637

Delta R.T. 0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Tgt Ion:196 Resp: 626501

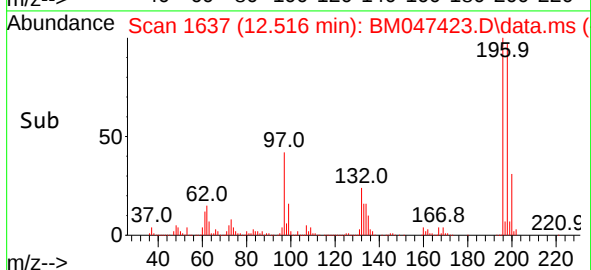
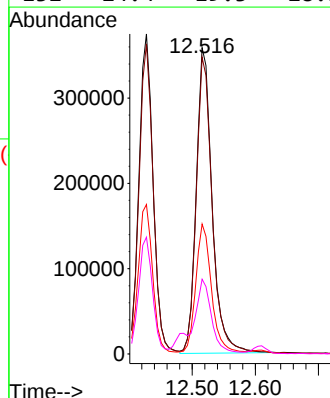
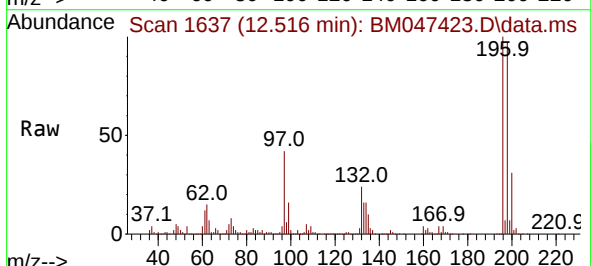
Ion Ratio Lower Upper

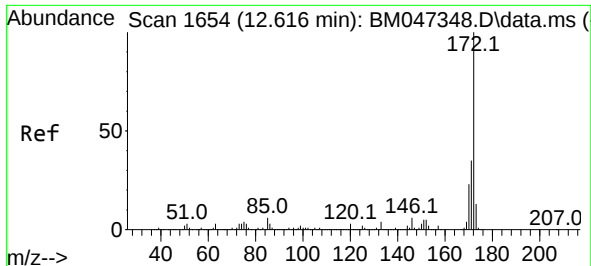
196 100

198 96.8 76.6 115.0

97 42.4 35.9 53.9

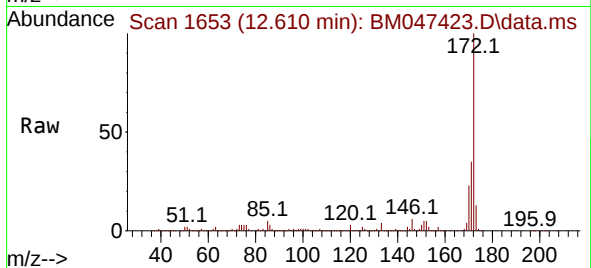
132 24.4 19.3 28.9



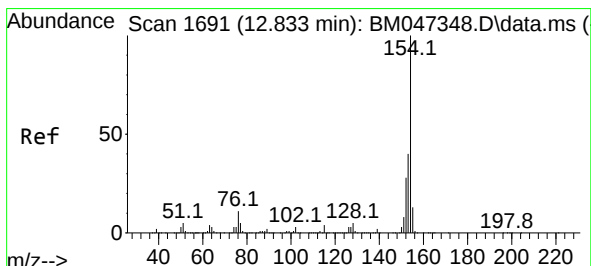
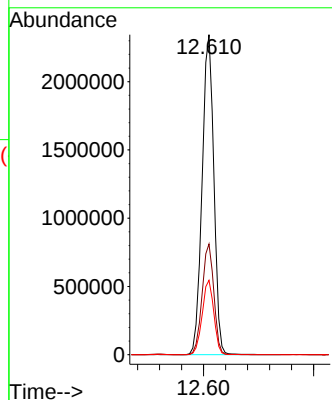
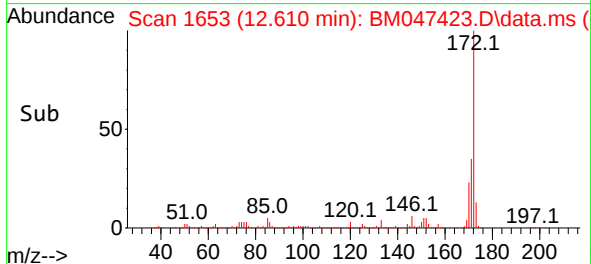


#45
2-Fluorobiphenyl
Concen: 92.624 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

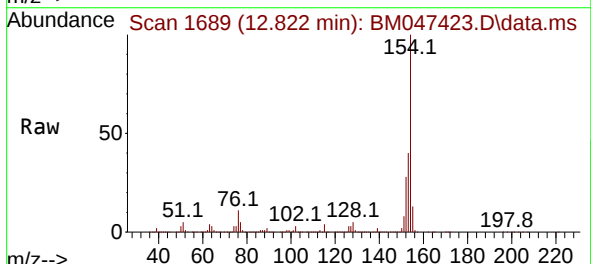
Instrument :
BNA_M
ClientSampleId :



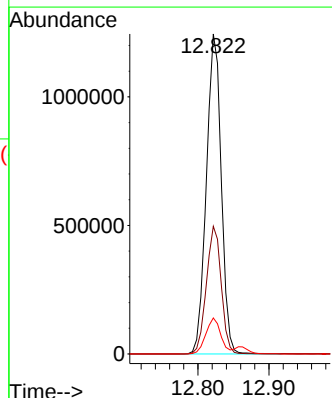
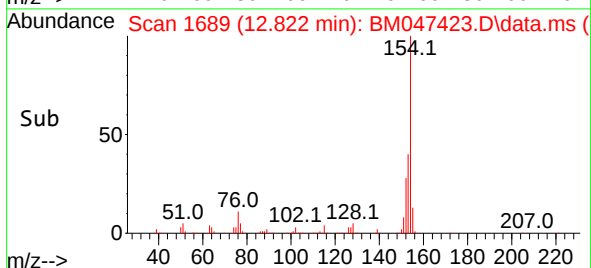
Tgt Ion:172 Resp: 3473779
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.5 27.7

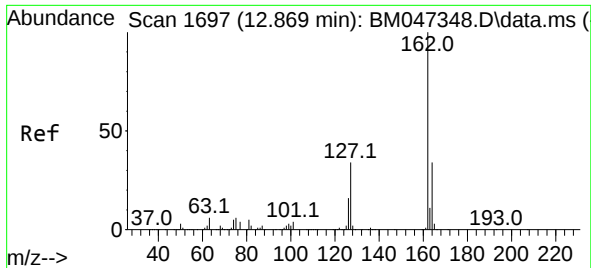


#46
1,1'-Biphenyl
Concen: 45.140 ng
RT: 12.822 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26



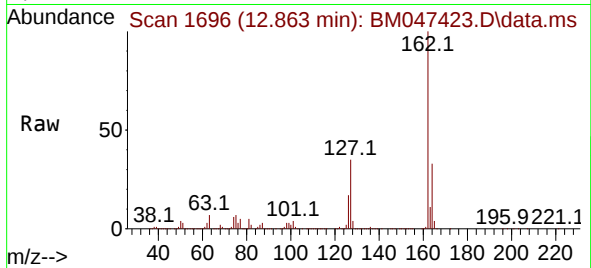
Tgt Ion:154 Resp: 1816277
Ion Ratio Lower Upper
154 100
153 39.9 20.1 60.1
76 11.2 0.0 31.2



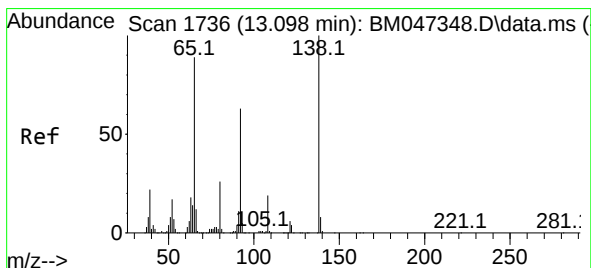
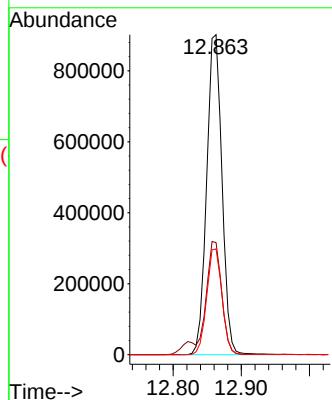
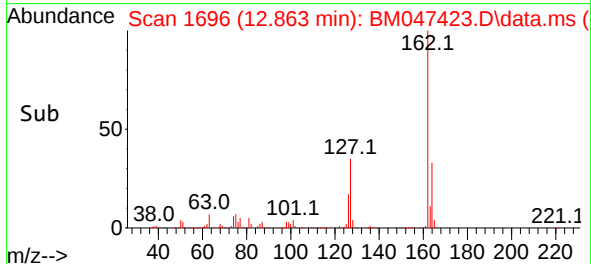


#47
2-Chloronaphthalene
Concen: 44.758 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Instrument :
BNA_M
ClientSampleId :

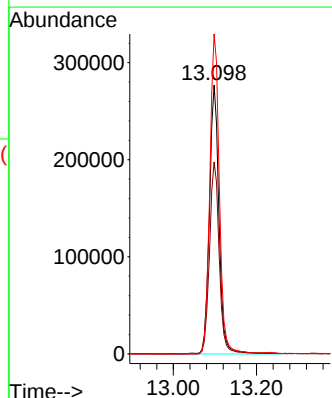
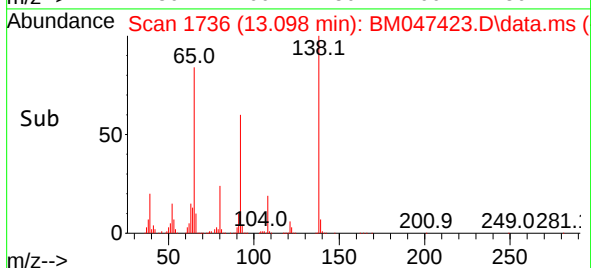
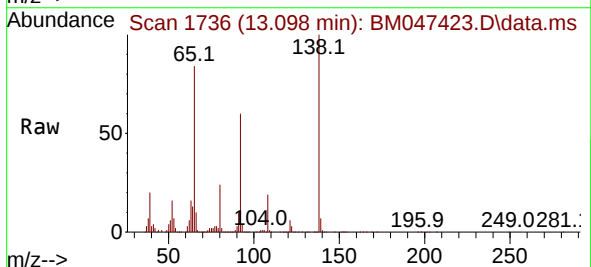


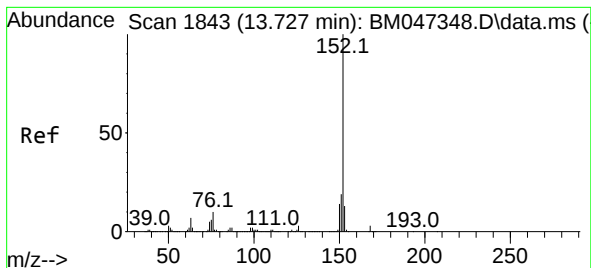
Tgt Ion:162 Resp: 1411297
Ion Ratio Lower Upper
162 100
127 35.0 28.3 42.5
164 33.1 27.0 40.4



#48
2-Nitroaniline
Concen: 50.313 ng
RT: 13.098 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion: 65 Resp: 444393
Ion Ratio Lower Upper
65 100
92 71.4 57.0 85.6
138 119.1 90.0 135.0





#49

Acenaphthylene

Concen: 50.466 ng

RT: 13.722 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

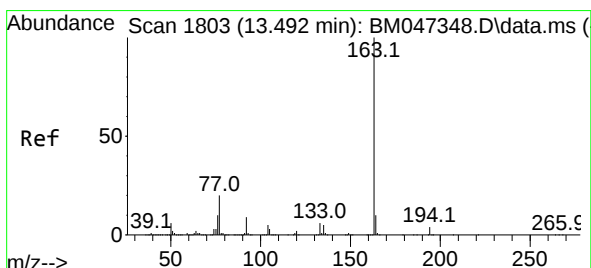
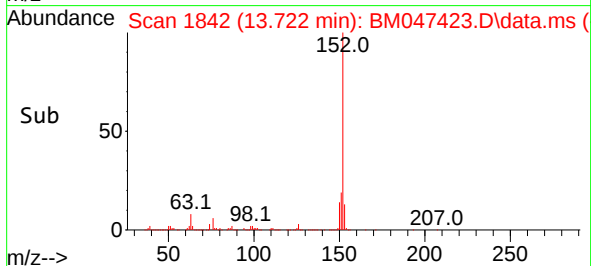
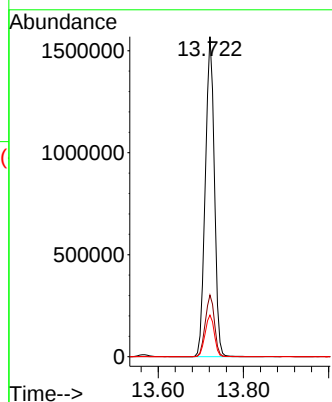
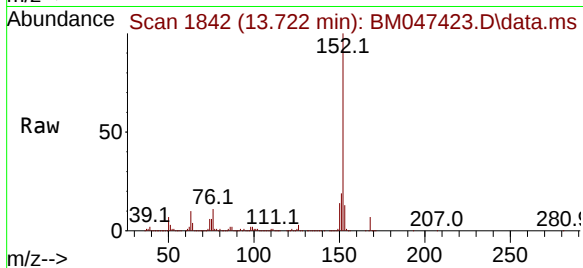
Tgt Ion:152 Resp: 2312761

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 52.011 ng

RT: 13.486 min Scan# 1802

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

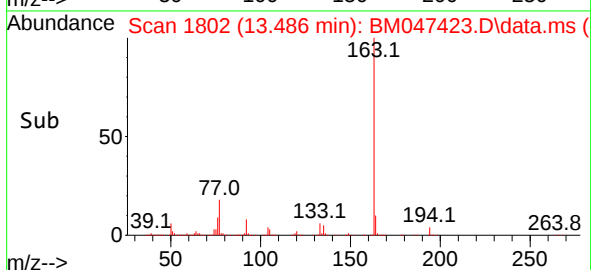
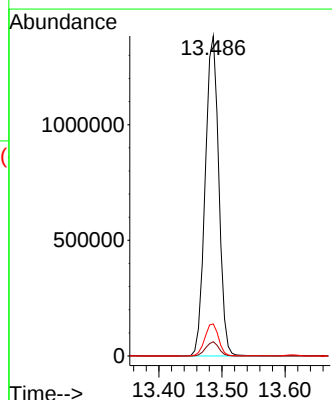
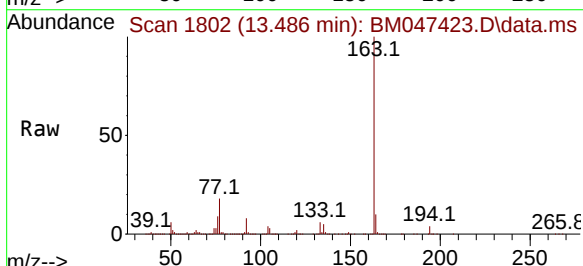
Tgt Ion:163 Resp: 2065148

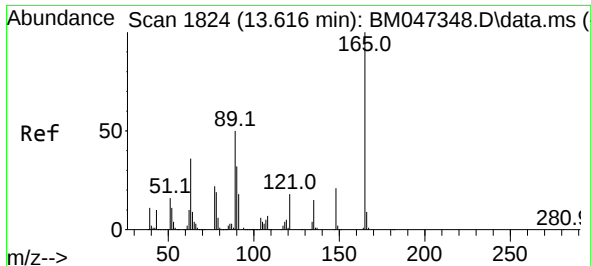
Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 10.0 8.2 12.4

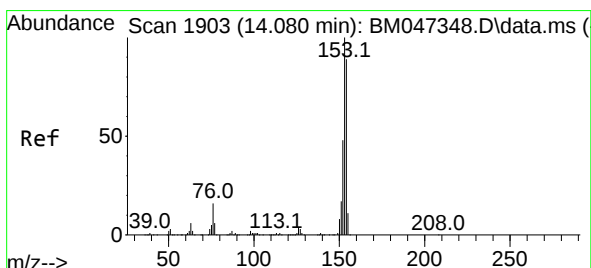
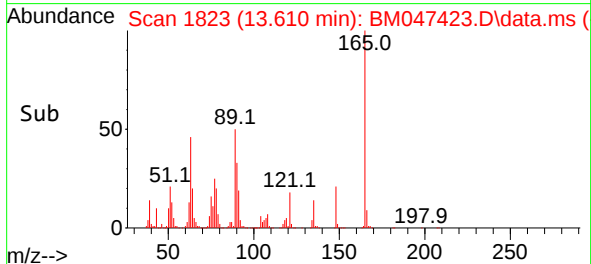
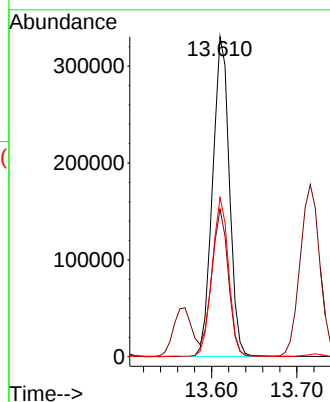
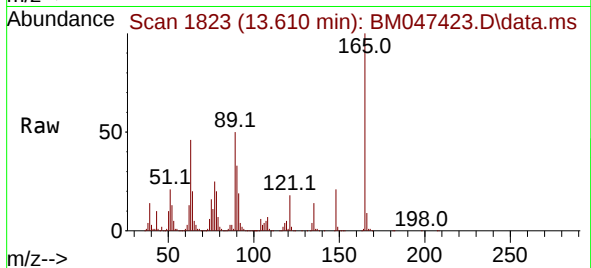




#51
2,6-Dinitrotoluene
Concen: 48.907 ng
RT: 13.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

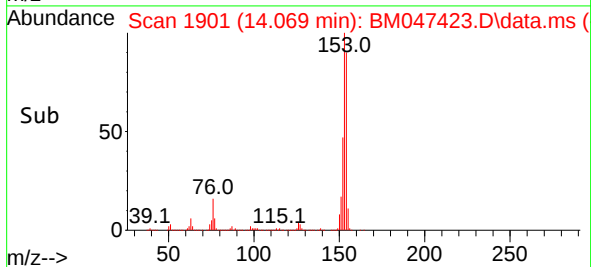
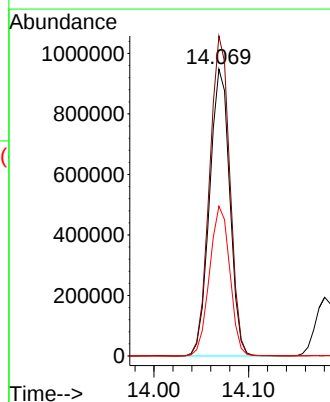
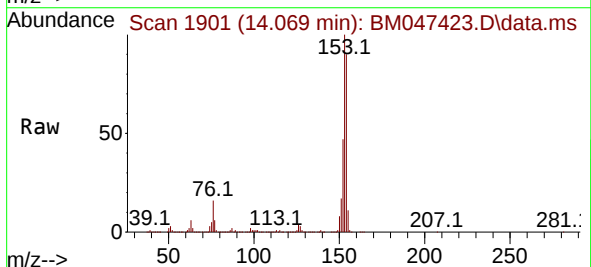
Instrument :
BNA_M
ClientSampleId :

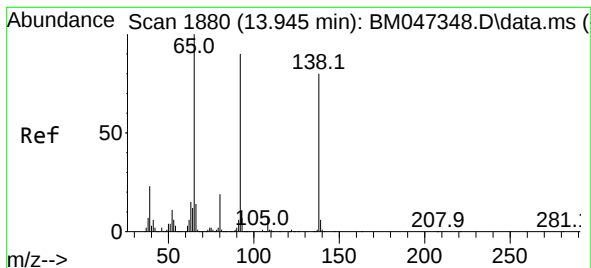
Tgt Ion:165 Resp: 452135
Ion Ratio Lower Upper
165 100
63 46.1 38.2 57.4
89 49.7 40.4 60.6



#52
Acenaphthene
Concen: 48.368 ng
RT: 14.069 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion:154 Resp: 1407146
Ion Ratio Lower Upper
154 100
153 111.5 89.5 134.3
152 52.2 43.0 64.4

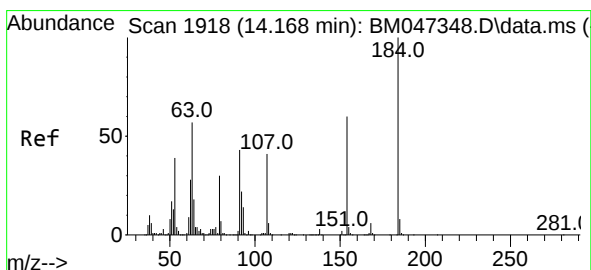
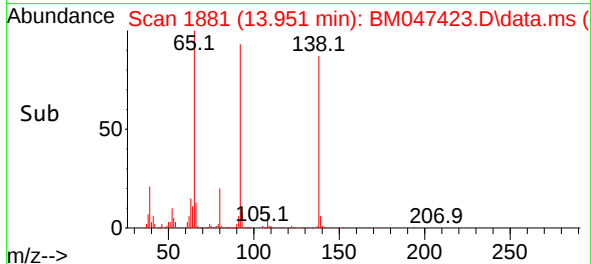
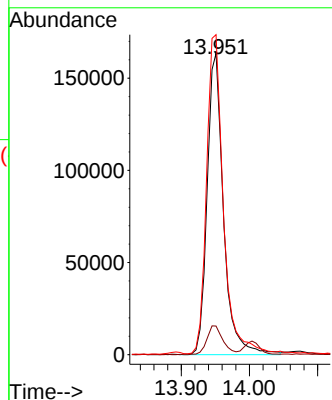
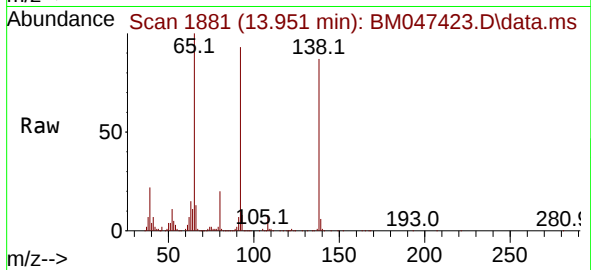




#53
3-Nitroaniline
Concen: 31.981 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

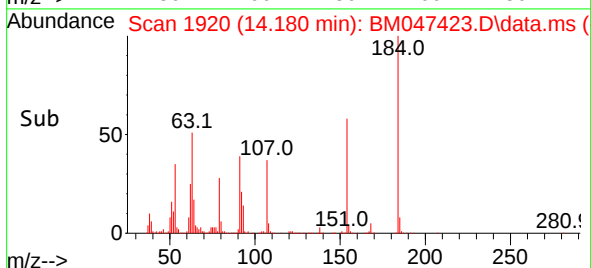
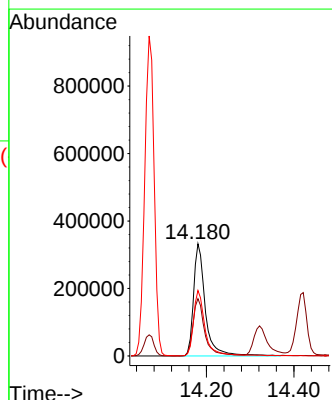
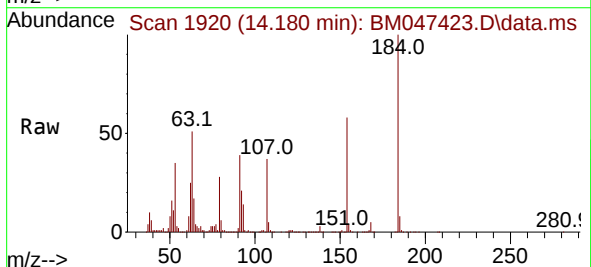
Instrument :
BNA_M
ClientSampleId :

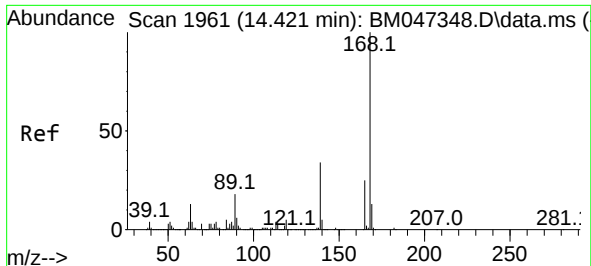
Tgt Ion:138 Resp: 272822
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 106.2 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 109.567 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion:184 Resp: 623789
Ion Ratio Lower Upper
184 100
63 51.1 45.7 68.5
154 58.4 48.5 72.7

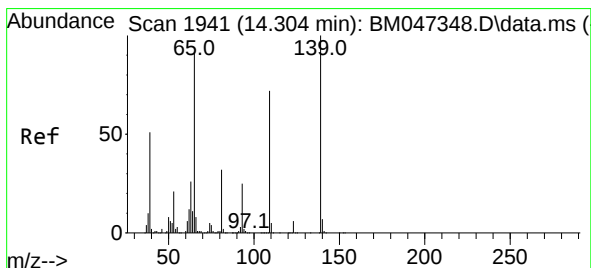
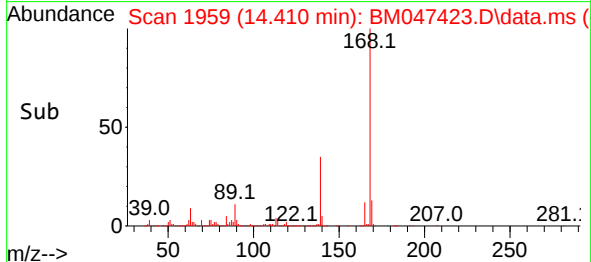
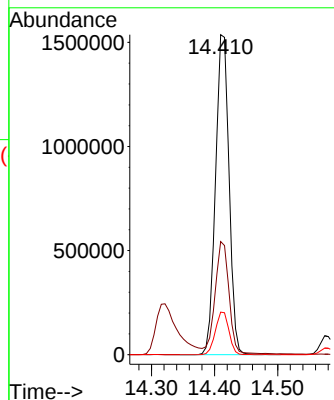
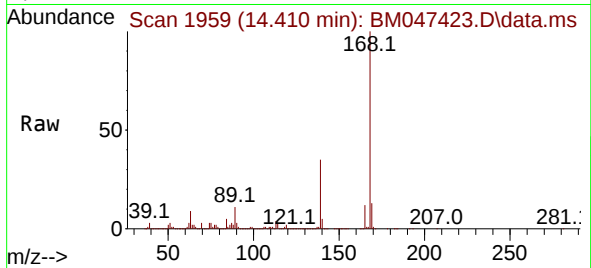




#55
Dibenzenofuran
Concen: 48.755 ng
RT: 14.410 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

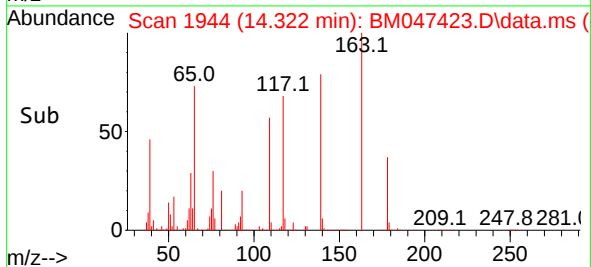
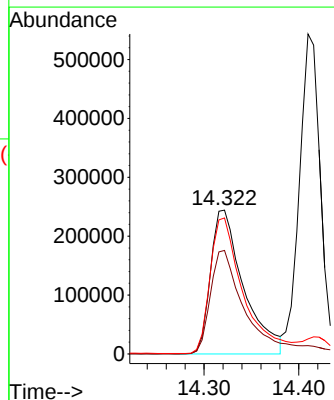
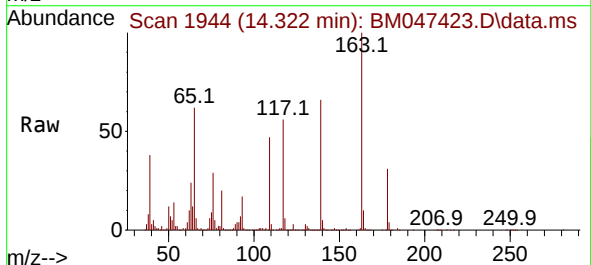
Instrument :
BNA_M
ClientSampleId :

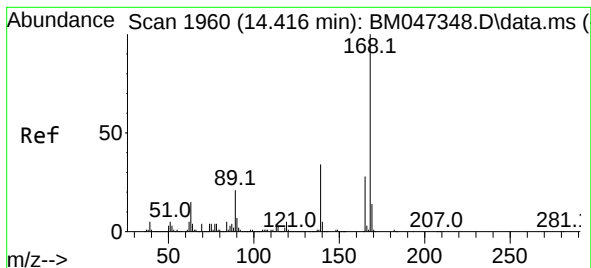
Tgt Ion:168 Resp: 2284625
Ion Ratio Lower Upper
168 100
139 35.4 27.5 41.3
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 88.806 ng
RT: 14.322 min Scan# 1944
Delta R.T. 0.018 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion:139 Resp: 592177
Ion Ratio Lower Upper
139 100
109 72.0 51.6 91.6
65 94.6 71.7 111.7

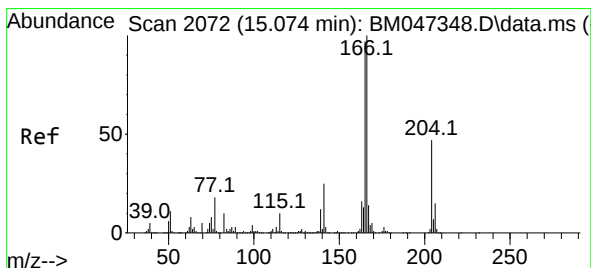
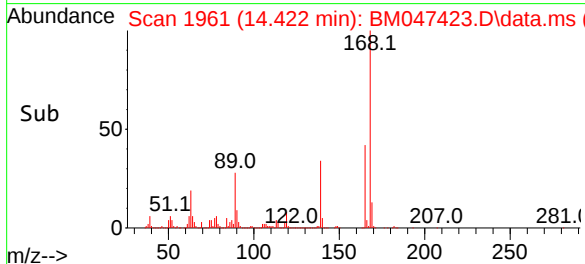
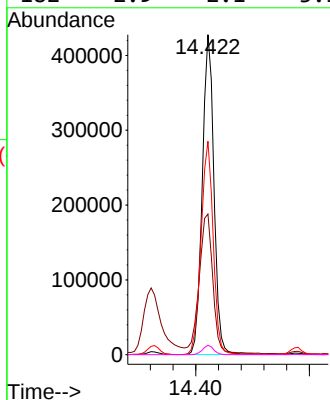
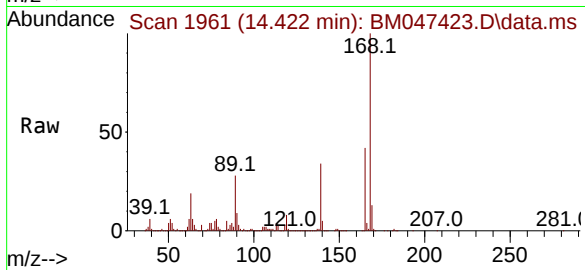




#57
2,4-Dinitrotoluene
Concen: 50.632 ng
RT: 14.422 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

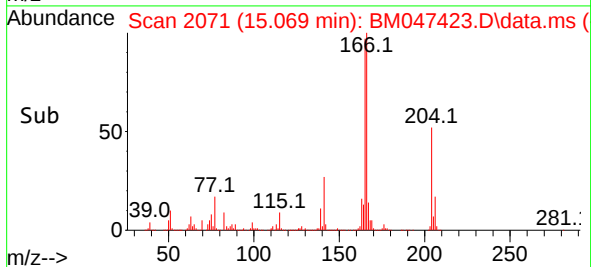
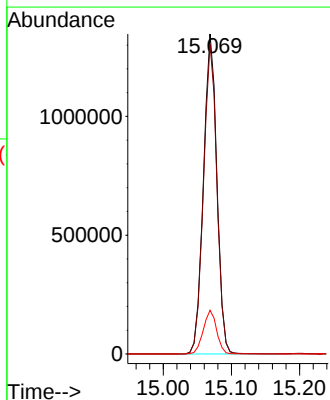
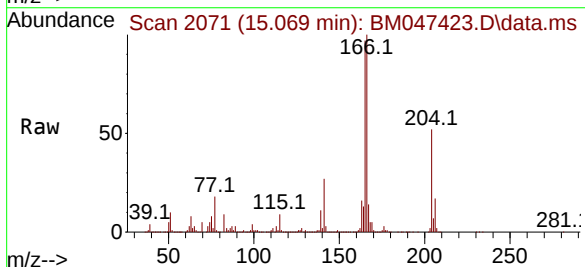
Instrument :
BNA_M
ClientSampleId :

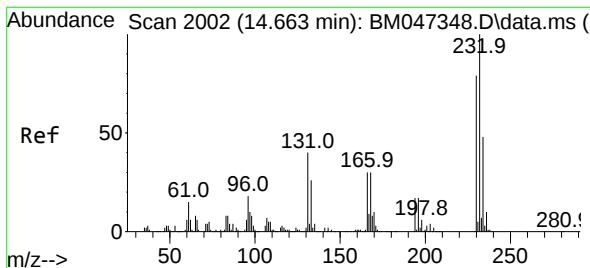
Tgt Ion:165 Resp: 605939
Ion Ratio Lower Upper
165 100
63 43.9 42.2 63.4
89 66.7 59.3 88.9
182 2.9 2.1 3.1



#58
Fluorene
Concen: 48.597 ng
RT: 15.069 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion:166 Resp: 1843018
Ion Ratio Lower Upper
166 100
165 96.9 77.8 116.6
167 13.7 11.1 16.7

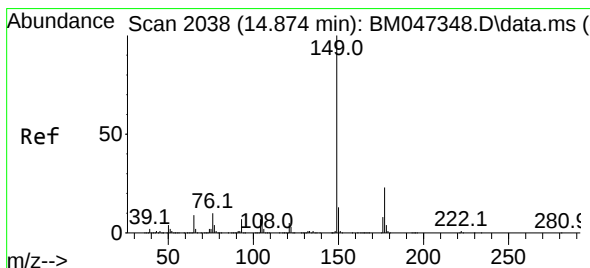
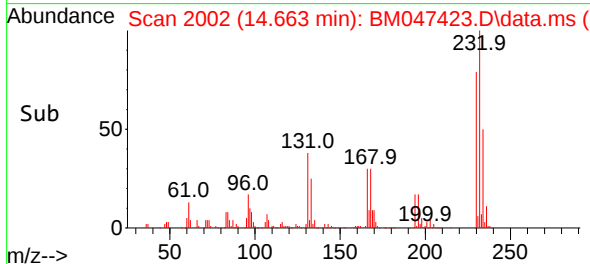
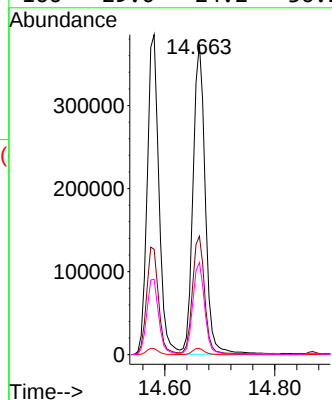
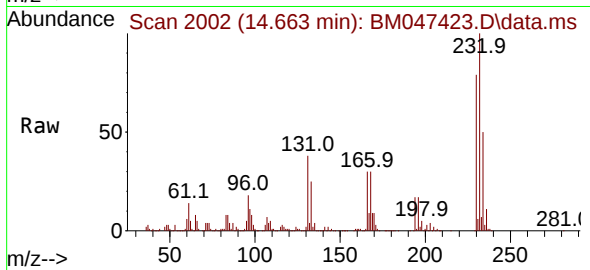




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.857 ng
RT: 14.663 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

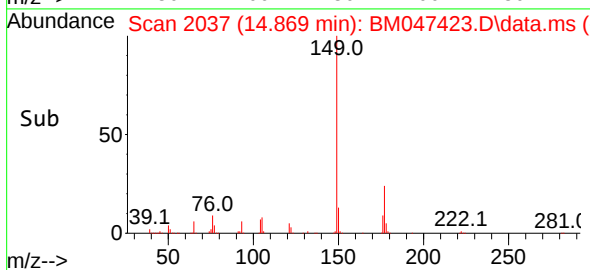
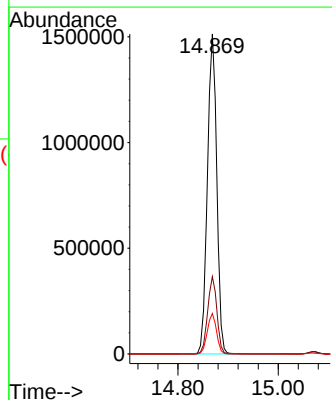
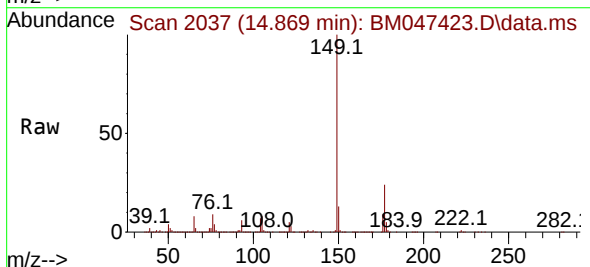
Instrument :
BNA_M
ClientSampleId :

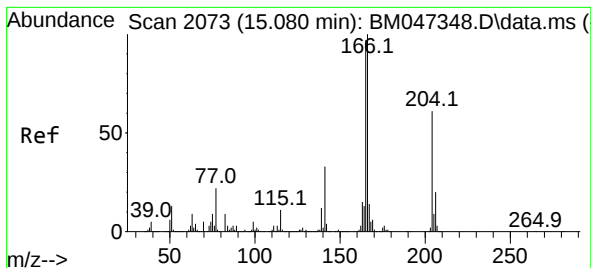
Tgt Ion:232 Resp: 574671
Ion Ratio Lower Upper
232 100
131 38.2 31.7 47.5
130 2.1 1.7 2.5
166 29.0 24.2 36.2



#60
Diethylphthalate
Concen: 50.121 ng
RT: 14.869 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion:149 Resp: 1963055
Ion Ratio Lower Upper
149 100
177 24.2 18.6 28.0
150 12.7 10.2 15.4

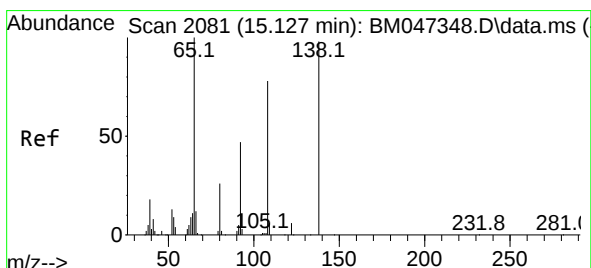
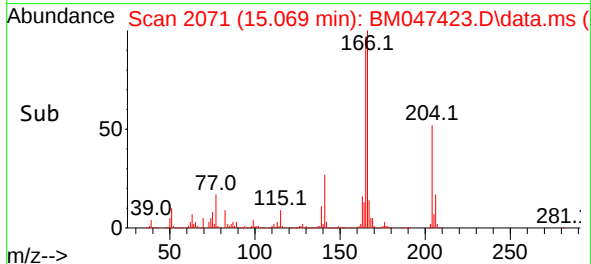
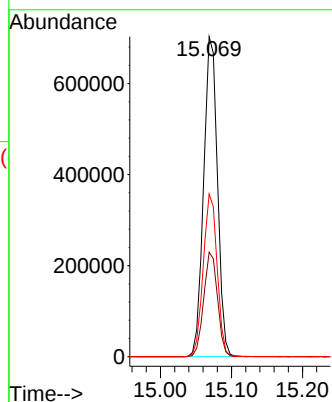
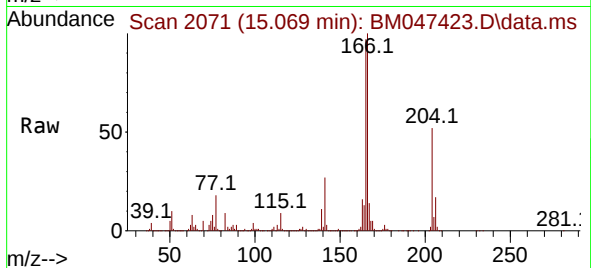




#61
4-Chlorophenyl-phenylether
Concen: 49.435 ng
RT: 15.069 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

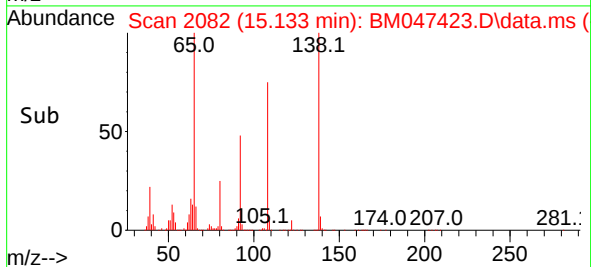
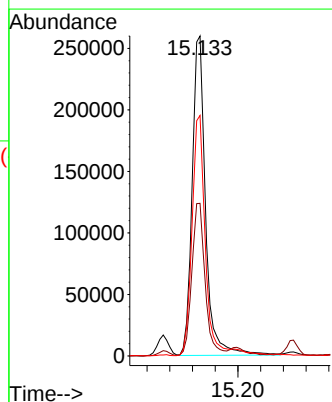
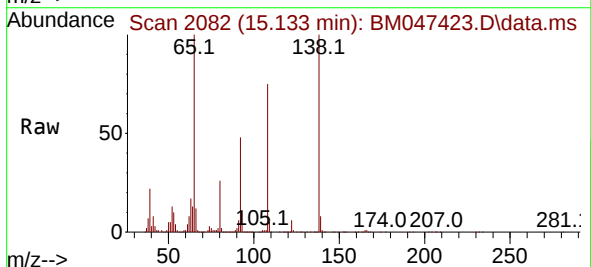
Instrument :
BNA_M
ClientSampleId :

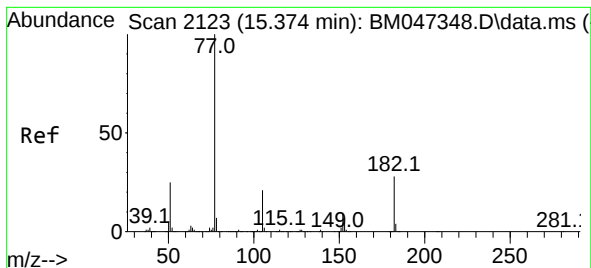
Tgt Ion:204 Resp: 953709
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 50.9 42.8 64.2



#62
4-Nitroaniline
Concen: 54.134 ng
RT: 15.133 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion:138 Resp: 427197
Ion Ratio Lower Upper
138 100
92 47.7 27.9 67.9
108 75.2 58.7 98.7





#63

Azobenzene

Concen: 47.757 ng

RT: 15.368 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 77 Resp: 1628826

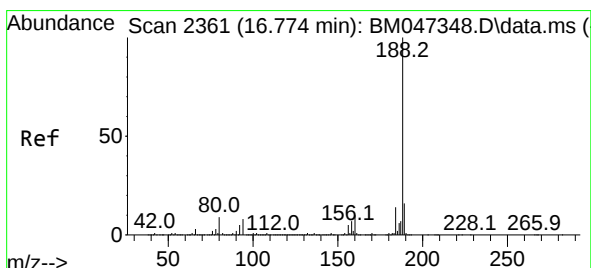
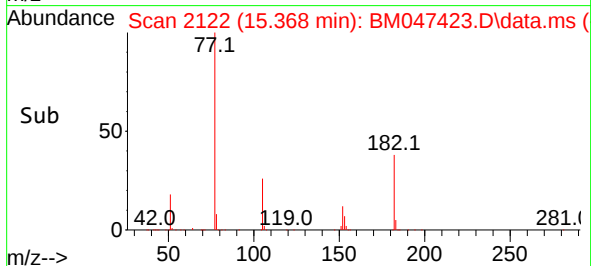
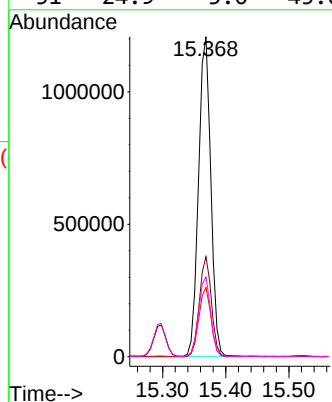
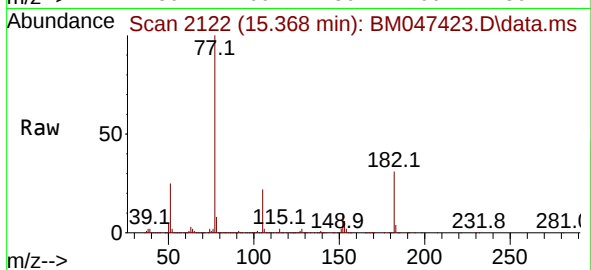
Ion Ratio Lower Upper

77 100

182 31.3 7.9 47.9

105 21.6 0.6 40.6

51 24.9 5.0 45.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 2361

Delta R.T. 0.000 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

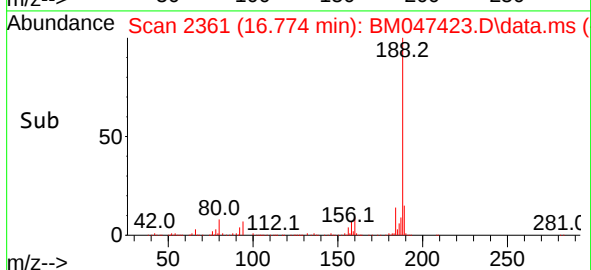
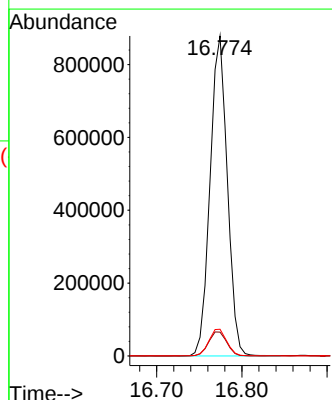
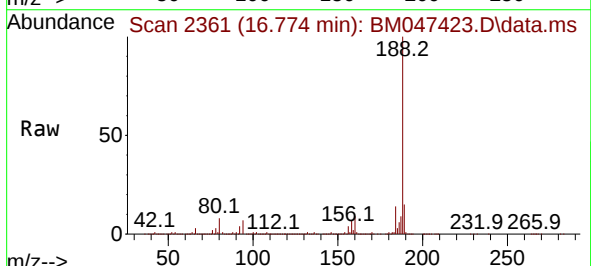
Tgt Ion:188 Resp: 1236022

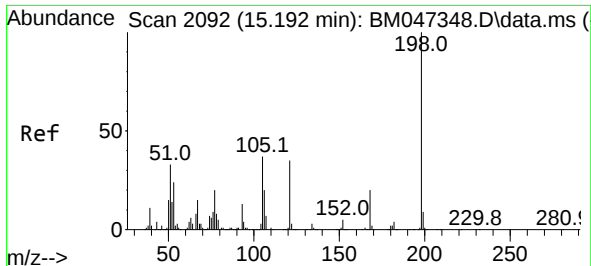
Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 8.4 7.4 11.2

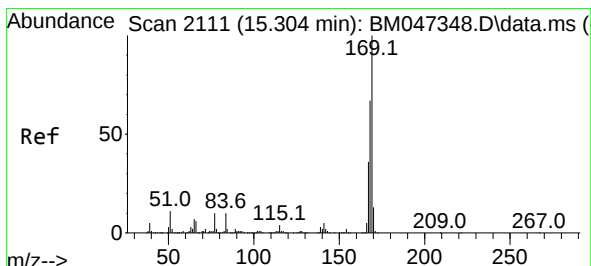
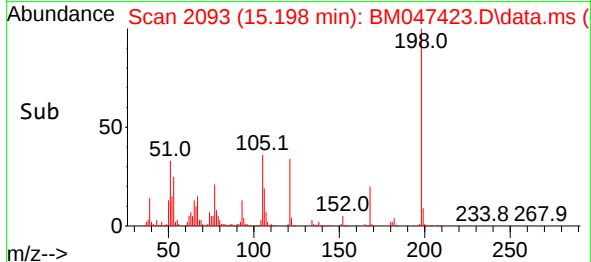
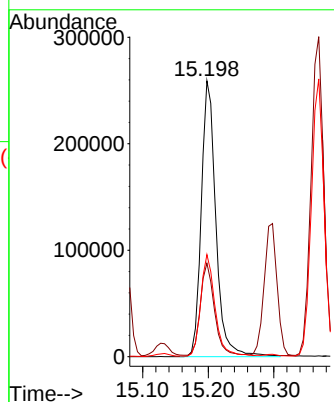
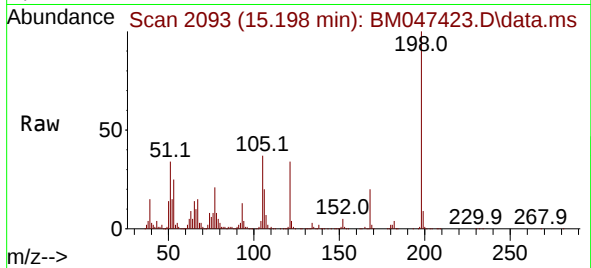




#65
4,6-Dinitro-2-methylphenol
Concen: 53.088 ng
RT: 15.198 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

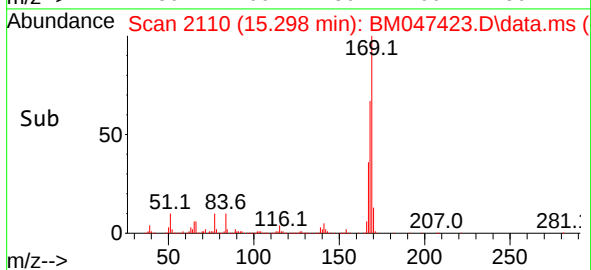
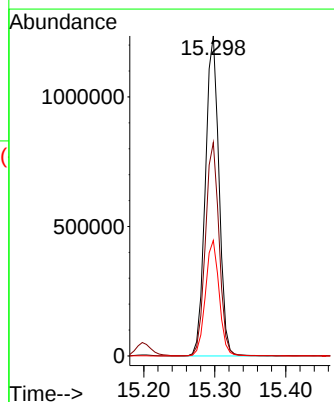
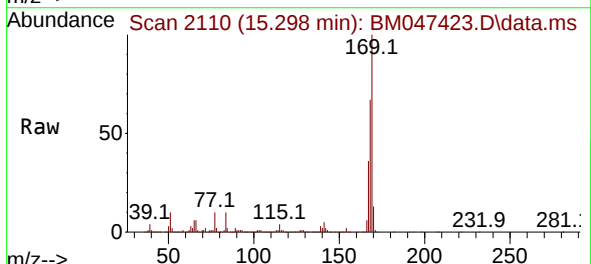
Instrument :
BNA_M
ClientSampleId :

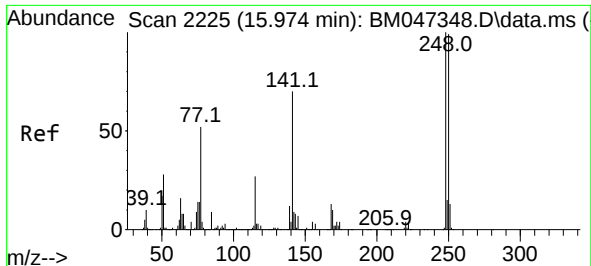
Tgt Ion:198 Resp: 402742
Ion Ratio Lower Upper
198 100
51 33.9 14.1 54.1
105 37.0 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 48.819 ng
RT: 15.298 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

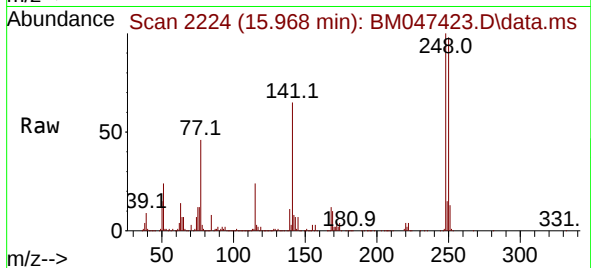
Tgt Ion:169 Resp: 1651104
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.1 29.0 43.4



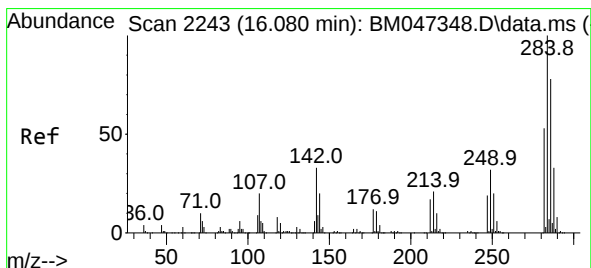
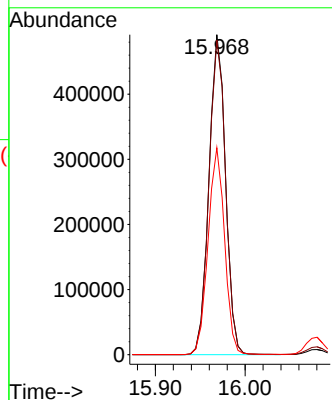
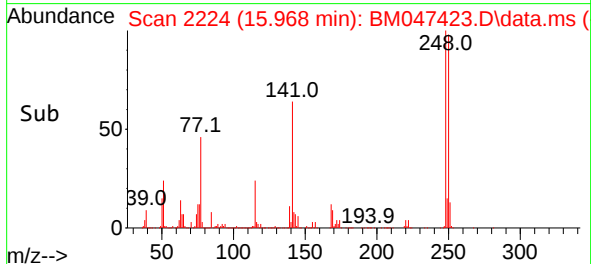


#67
4-Bromophenyl-phenylether
Concen: 48.431 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Instrument :
BNA_M
ClientSampleId :

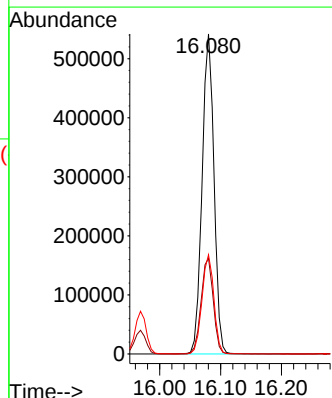
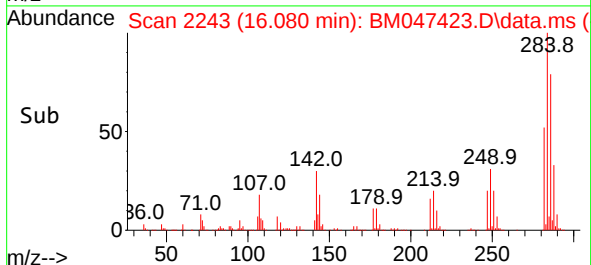
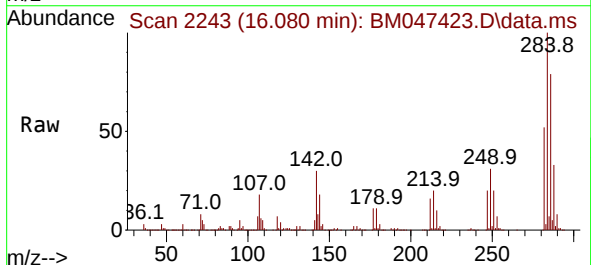


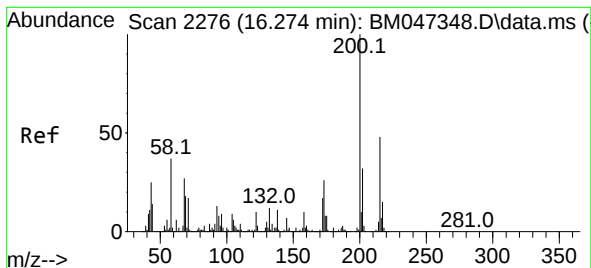
Tgt Ion:248 Resp: 631516
Ion Ratio Lower Upper
248 100
250 98.3 78.8 118.2
141 64.6 55.9 83.9



#68
Hexachlorobenzene
Concen: 48.756 ng
RT: 16.080 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion:284 Resp: 734284
Ion Ratio Lower Upper
284 100
142 29.9 26.5 39.7
249 31.0 25.5 38.3





#69

Atrazine

Concen: 61.671 ng

RT: 16.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

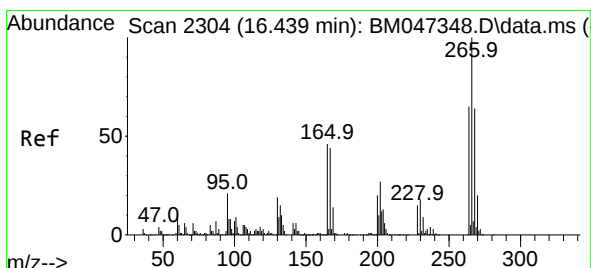
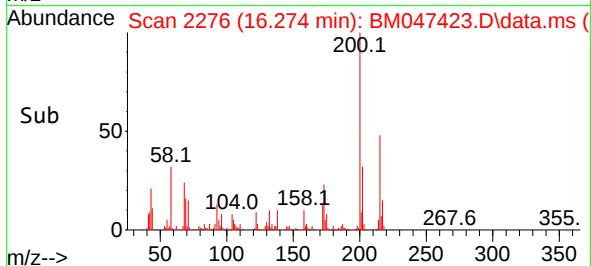
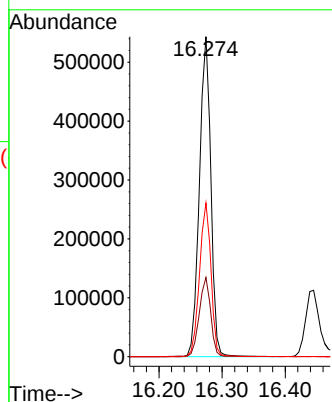
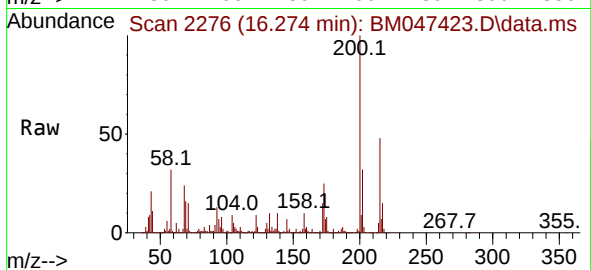
Tgt Ion:200 Resp: 681769

Ion Ratio Lower Upper

200 100

173 24.7 5.8 45.8

215 48.0 28.3 68.3



#70

Pentachlorophenol

Concen: 100.828 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

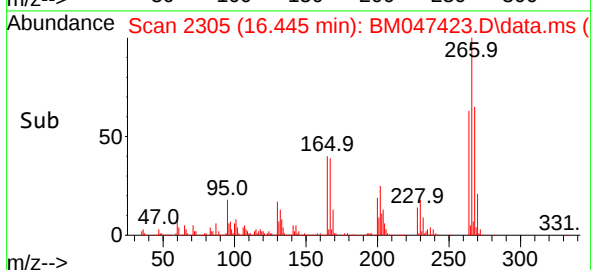
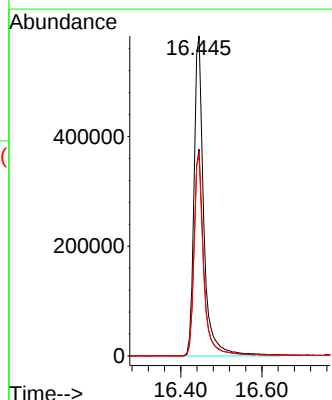
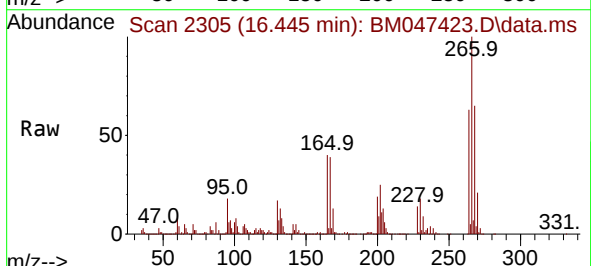
Tgt Ion:266 Resp: 981765

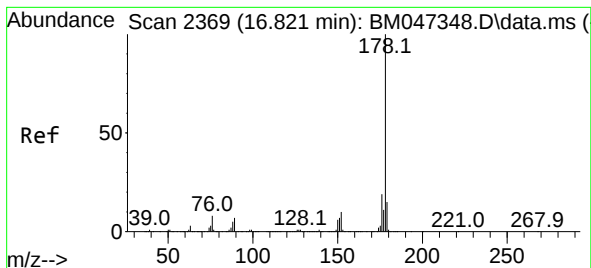
Ion Ratio Lower Upper

266 100

268 64.7 51.0 76.6

264 62.5 51.9 77.9





#71

Phenanthrene

Concen: 50.474 ng

RT: 16.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

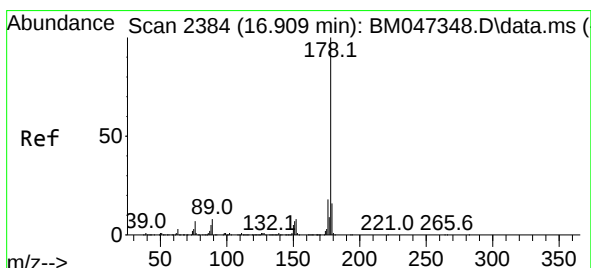
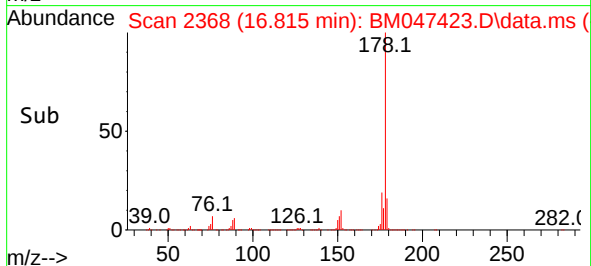
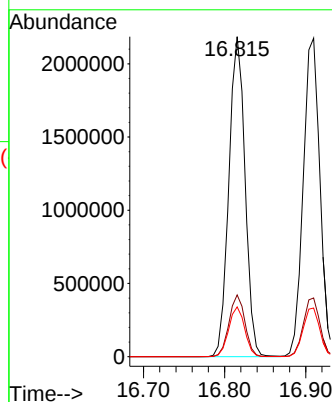
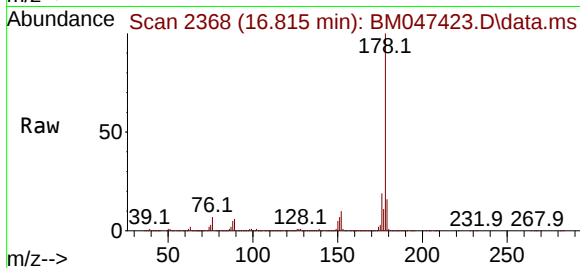
Tgt Ion:178 Resp: 3029771

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.6 12.2 18.4



#72

Anthracene

Concen: 53.300 ng

RT: 16.910 min Scan# 2384

Delta R.T. 0.000 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

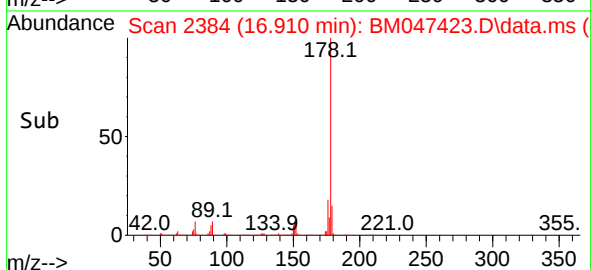
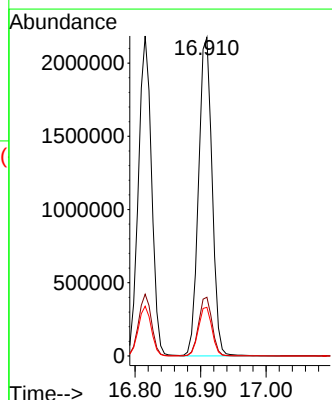
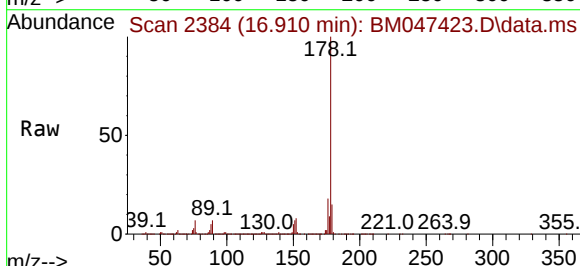
Tgt Ion:178 Resp: 3118890

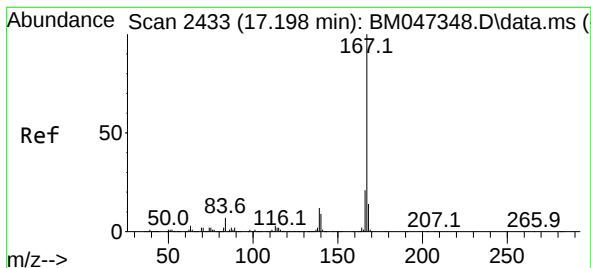
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.3 12.6 18.8





#73

Carbazole

Concen: 52.183 ng

RT: 17.198 min Scan# 2433

Delta R.T. 0.000 min

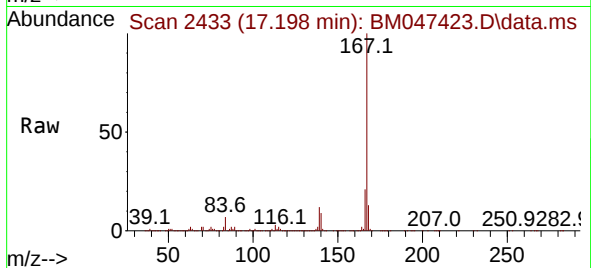
Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :



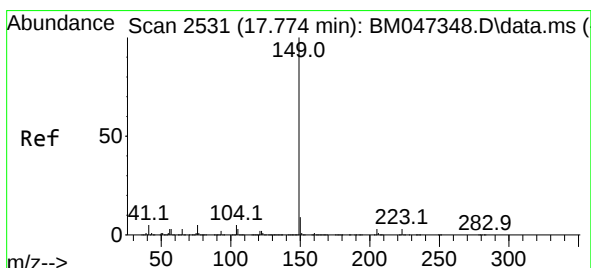
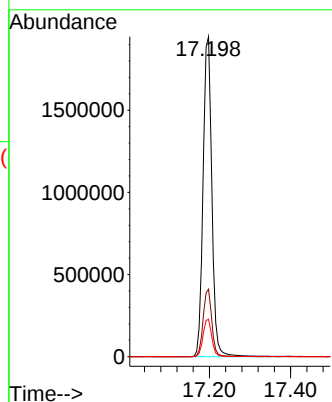
Tgt Ion:167 Resp: 2930227

Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.9	25.3
139	11.7	9.5	14.3

167 100

166 21.1 16.9 25.3

139 11.7 9.5 14.3



#74

Di-n-butylphthalate

Concen: 51.409 ng

RT: 17.768 min Scan# 2530

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

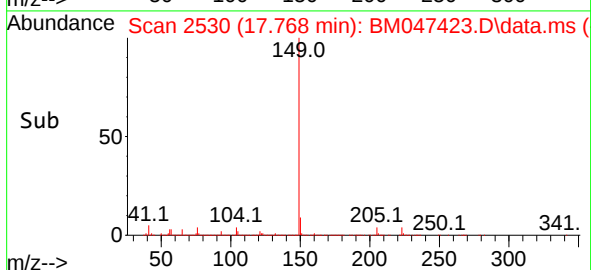
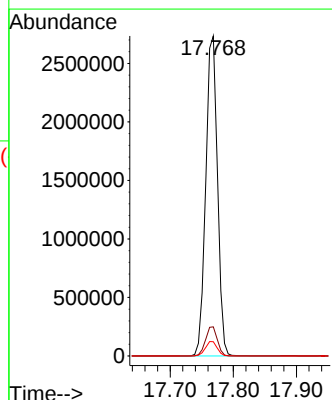
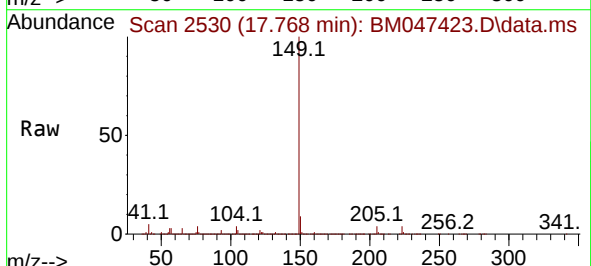
Tgt Ion:149 Resp: 3515184

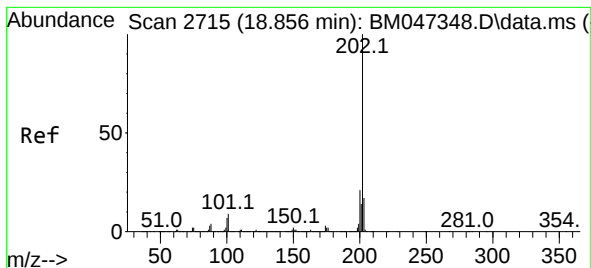
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.5	3.8	5.6

149 100

150 9.1 7.4 11.0

104 4.5 3.8 5.6





#75

Fluoranthene

Concen: 52.923 ng

RT: 18.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

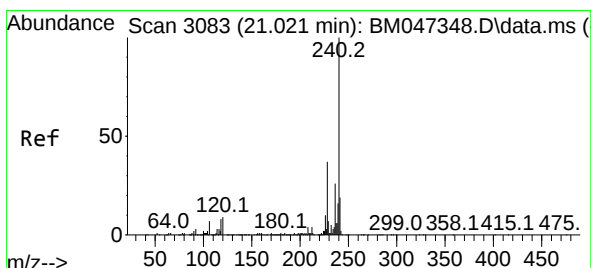
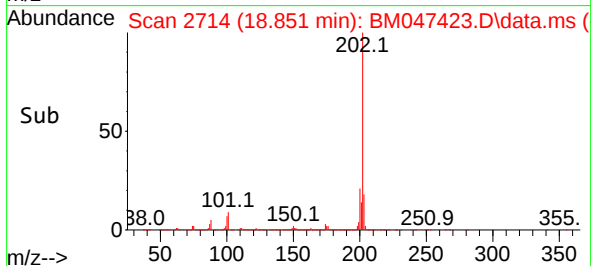
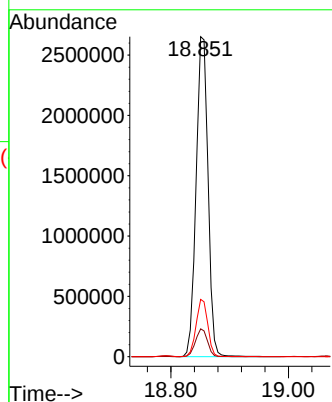
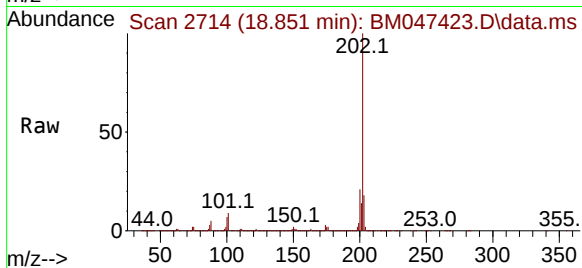
Tgt Ion:202 Resp: 3730124

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.0

203 17.9 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

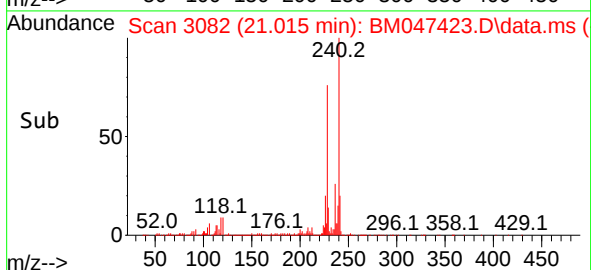
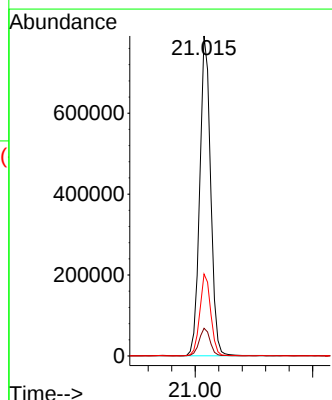
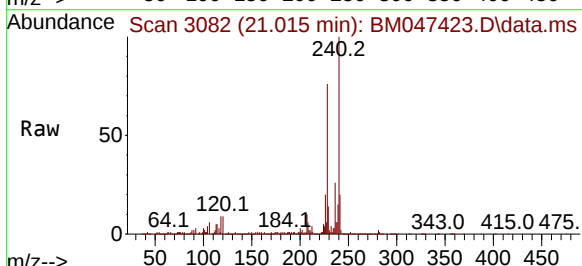
Tgt Ion:240 Resp: 1013501

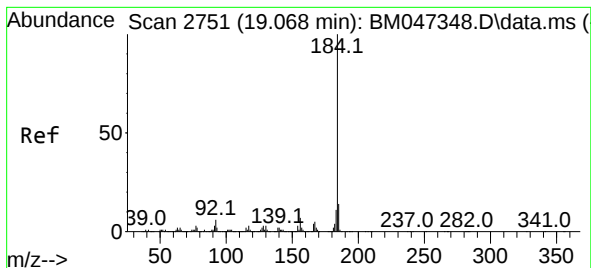
Ion Ratio Lower Upper

240 100

120 8.6 7.4 11.0

236 25.6 20.8 31.2





#77

Benzidine

Concen: 79.264 ng

RT: 19.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

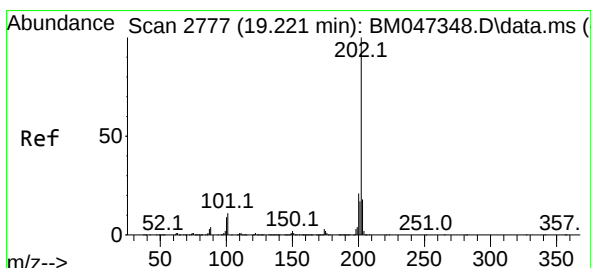
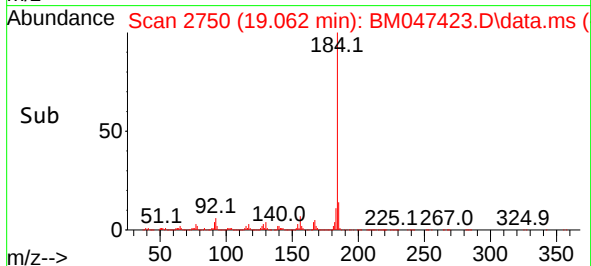
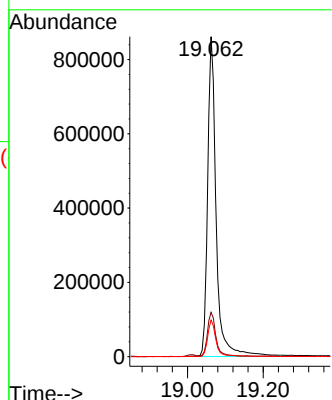
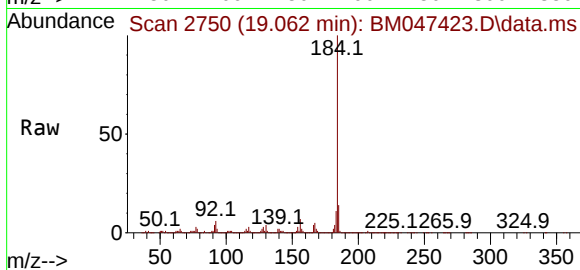
Tgt Ion:184 Resp: 1340954

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 11.4 9.2 13.8



#78

Pyrene

Concen: 49.620 ng

RT: 19.221 min Scan# 2777

Delta R.T. 0.000 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

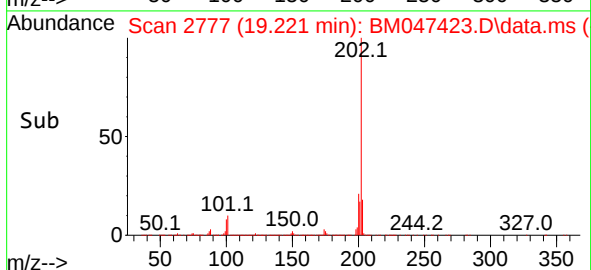
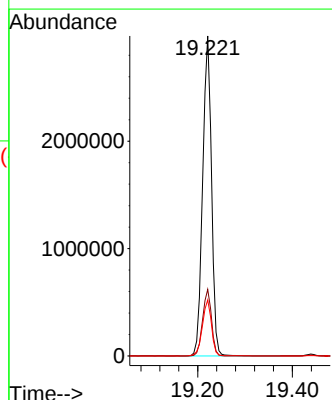
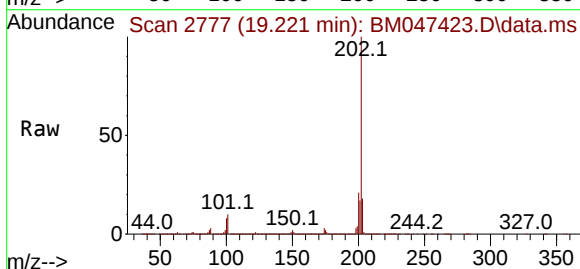
Tgt Ion:202 Resp: 3857052

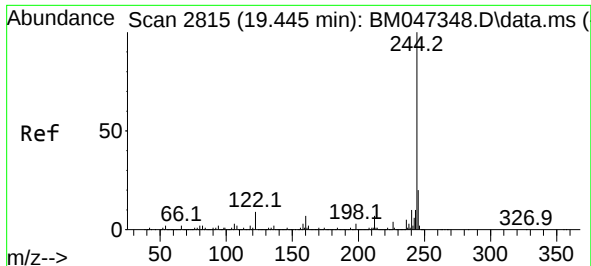
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

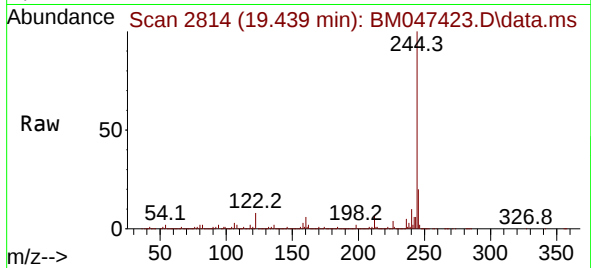
203 17.5 14.2 21.4



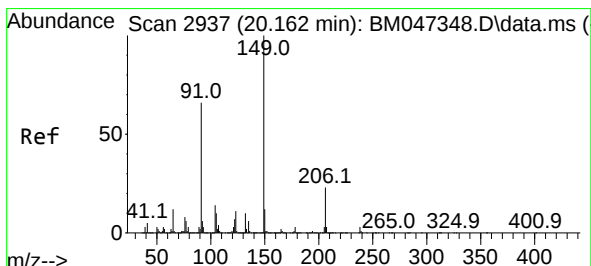
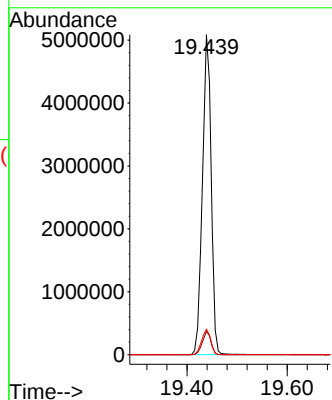
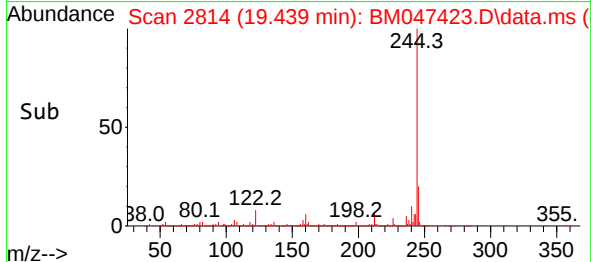


#79
 Terphenyl-d14
 Concen: 108.115 ng
 RT: 19.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047423.D
 Acq: 03 Sep 2024 13:26

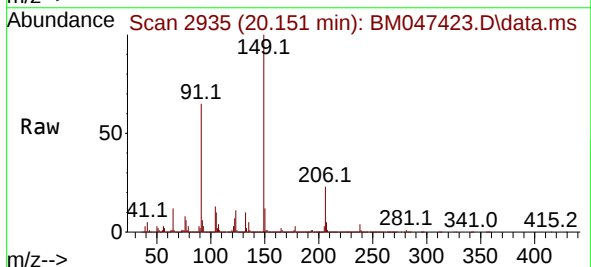
Instrument :
 BNA_M
 ClientSampleId :



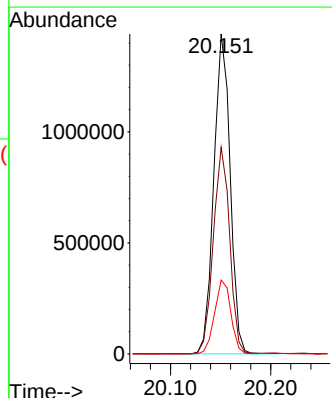
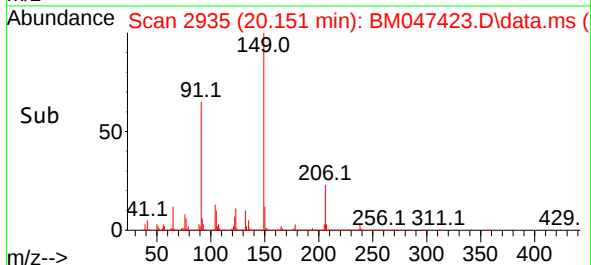
Tgt Ion:244 Resp: 6156044
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 8.0 7.0 10.4

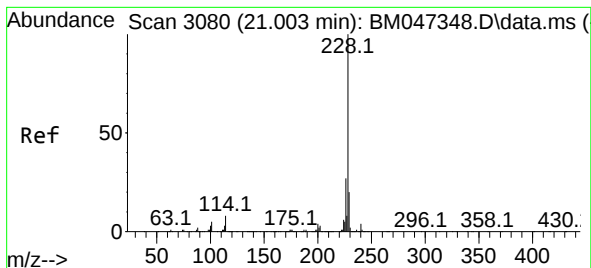


#80
 Butylbenzylphthalate
 Concen: 53.403 ng
 RT: 20.151 min Scan# 2935
 Delta R.T. -0.012 min
 Lab File: BM047423.D
 Acq: 03 Sep 2024 13:26



Tgt Ion:149 Resp: 1624448
 Ion Ratio Lower Upper
 149 100
 91 64.6 52.6 79.0
 206 23.1 18.2 27.2





#81

Benzo(a)anthracene

Concen: 51.584 ng

RT: 21.003 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

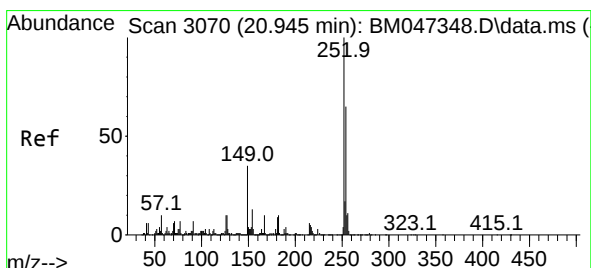
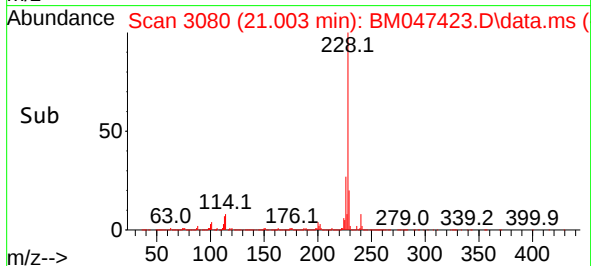
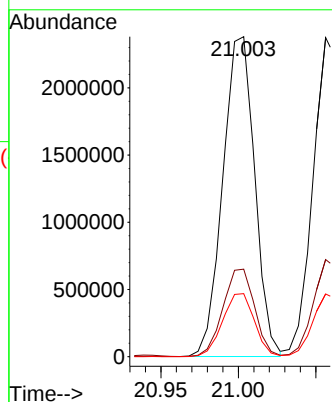
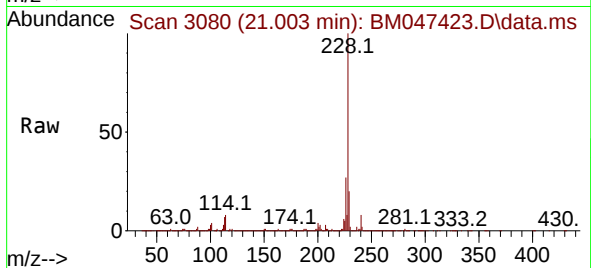
Tgt Ion:228 Resp: 3409374

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.643 ng

RT: 20.939 min Scan# 3069

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

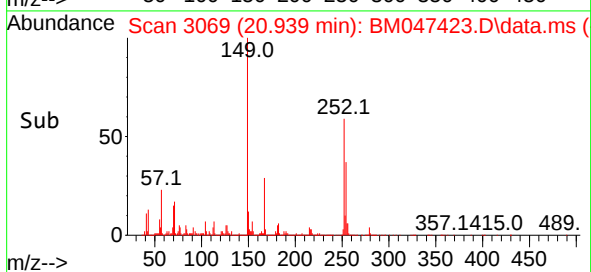
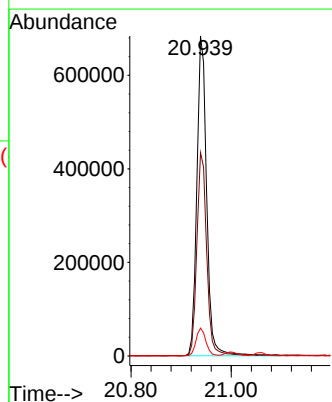
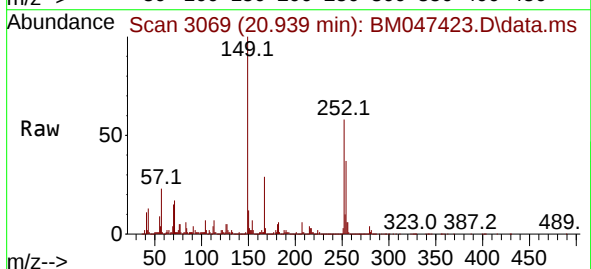
Tgt Ion:252 Resp: 925860

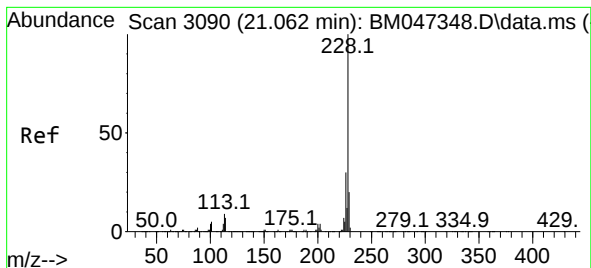
Ion Ratio Lower Upper

252 100

254 63.5 52.1 78.1

126 8.7 7.9 11.9





#83

Chrysene

Concen: 51.326 ng

RT: 21.056 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

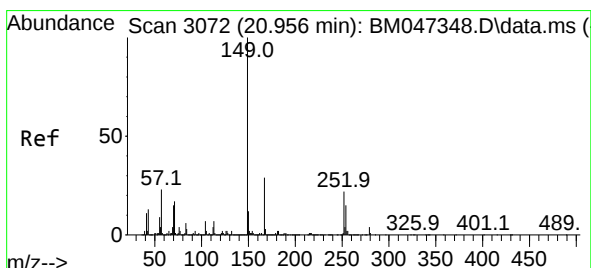
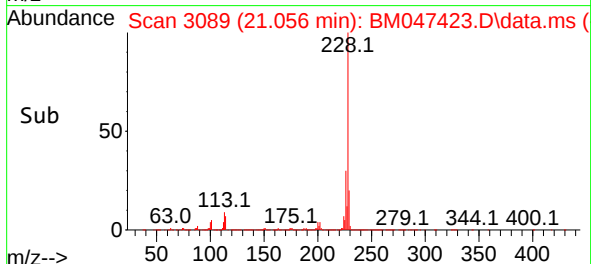
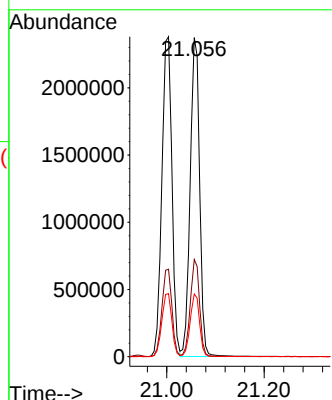
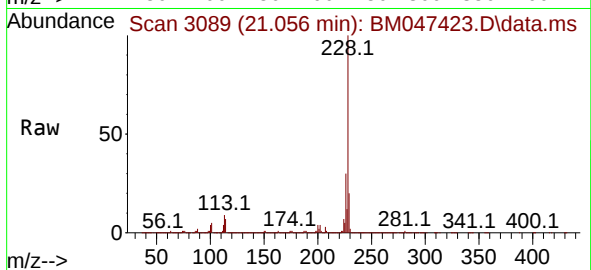
Tgt Ion:228 Resp: 3191047

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.404 ng

RT: 20.945 min Scan# 3070

Delta R.T. -0.012 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

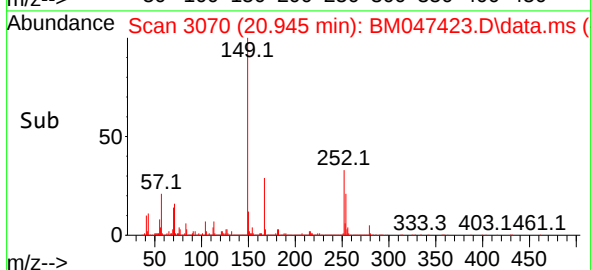
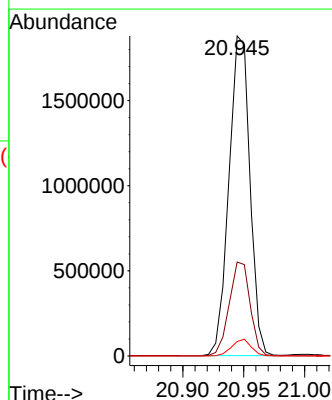
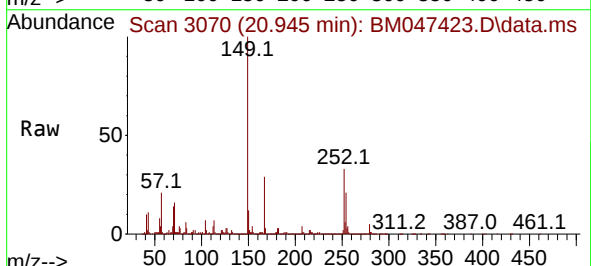
Tgt Ion:149 Resp: 2252971

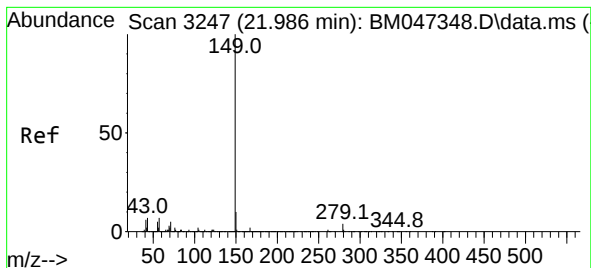
Ion Ratio Lower Upper

149 100

167 29.3 23.1 34.7

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 53.874 ng

RT: 21.974 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

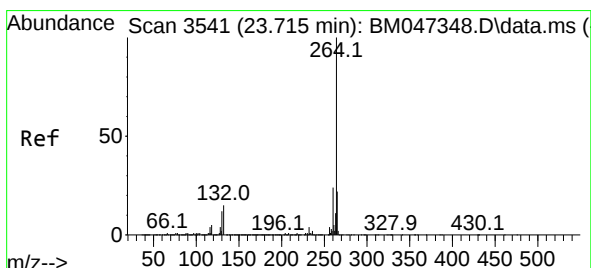
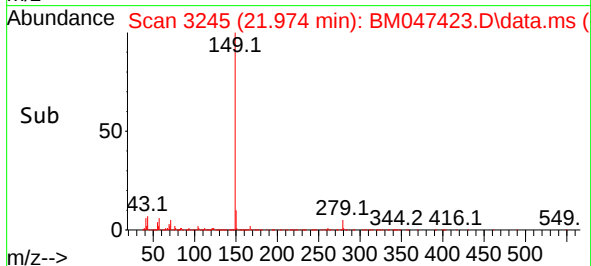
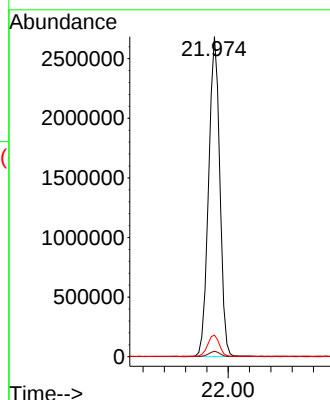
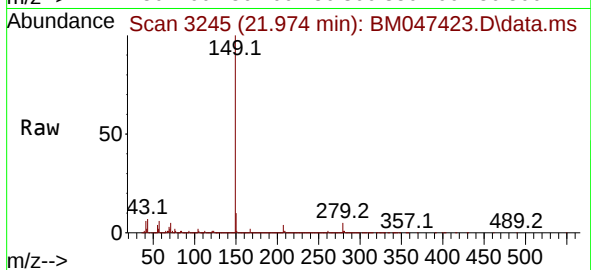
Tgt Ion:149 Resp: 3898417

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.0 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. 0.000 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

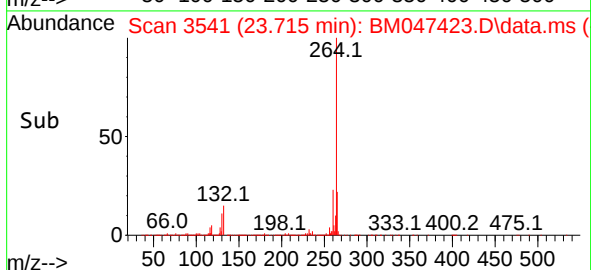
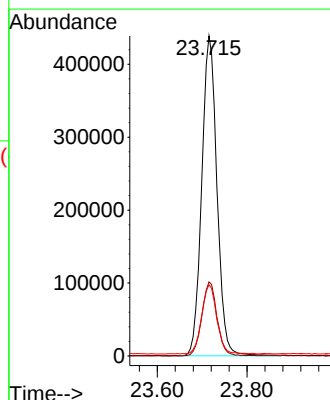
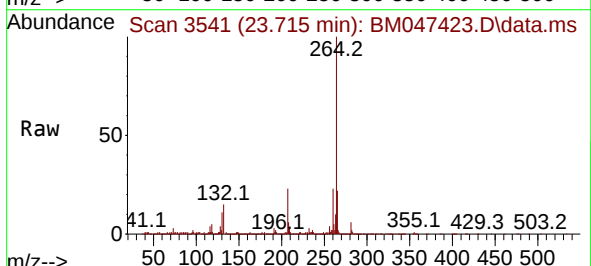
Tgt Ion:264 Resp: 1032346

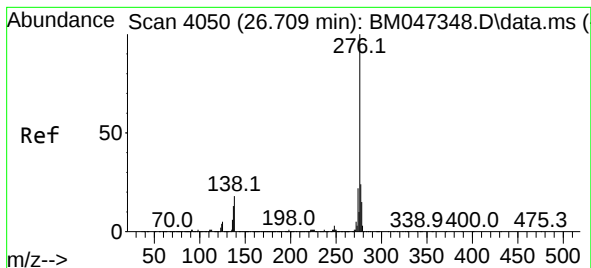
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 22.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.247 ng

RT: 26.732 min Scan# 4054

Delta R.T. 0.024 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

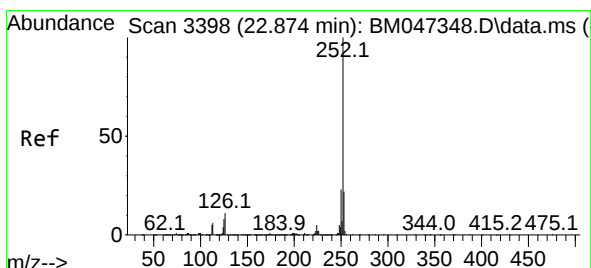
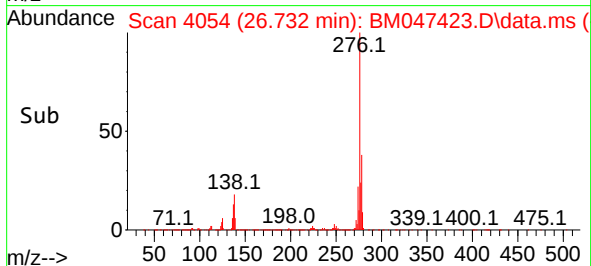
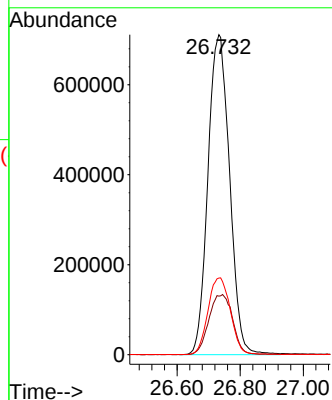
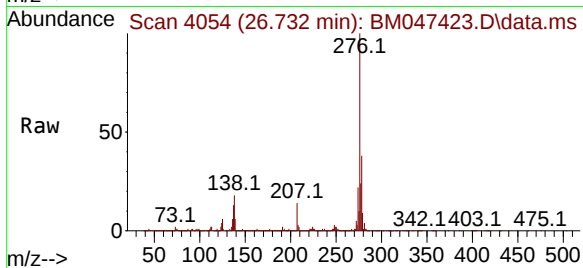
Tgt Ion:276 Resp: 3376459

Ion Ratio Lower Upper

276 100

138 20.6 17.7 26.5

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.909 ng

RT: 22.874 min Scan# 3398

Delta R.T. 0.000 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

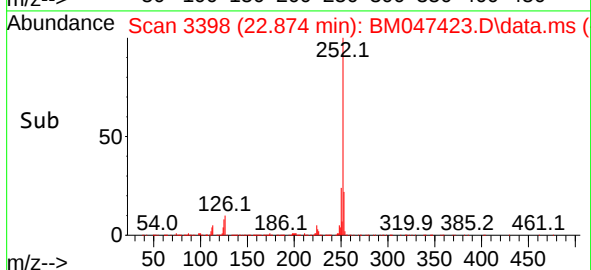
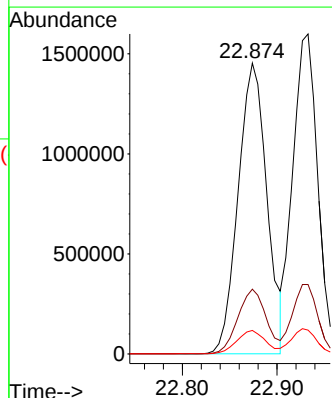
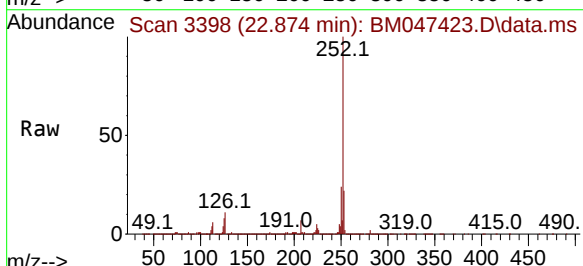
Tgt Ion:252 Resp: 3066222

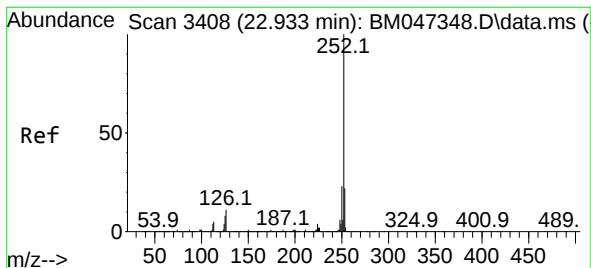
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 8.1 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 51.631 ng

RT: 22.933 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

Instrument :

BNA_M

ClientSampleId :

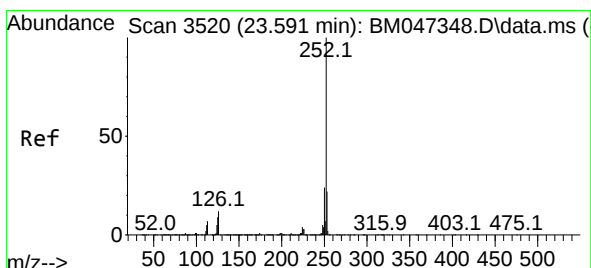
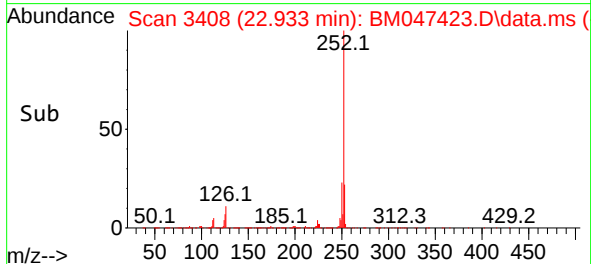
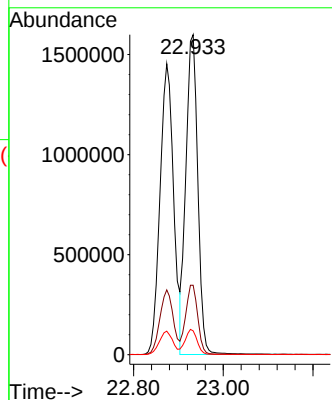
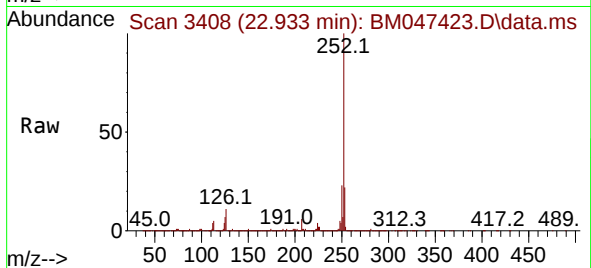
Tgt Ion:252 Resp: 2947902

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.4 6.6 9.8



#90

Benzo(a)pyrene

Concen: 54.158 ng

RT: 23.591 min Scan# 3520

Delta R.T. 0.000 min

Lab File: BM047423.D

Acq: 03 Sep 2024 13:26

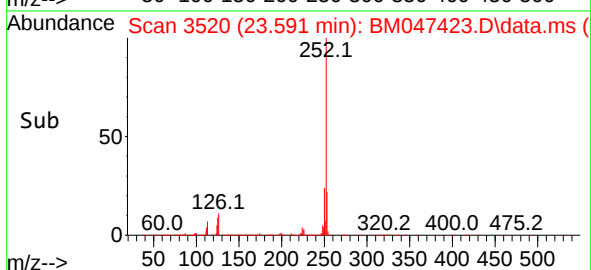
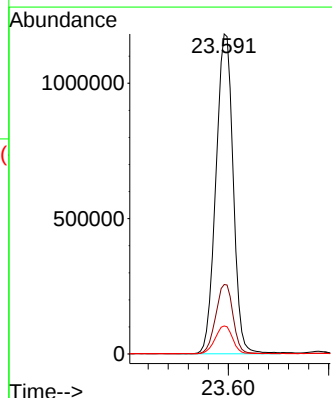
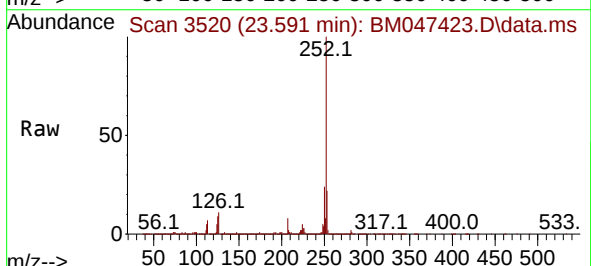
Tgt Ion:252 Resp: 2820851

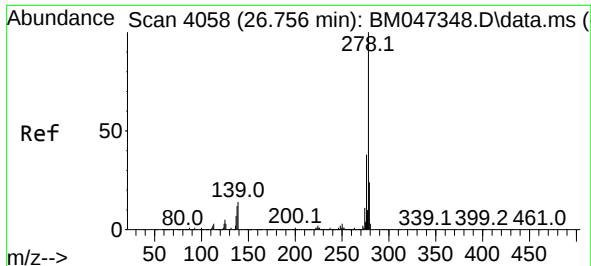
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.7 7.4 11.2

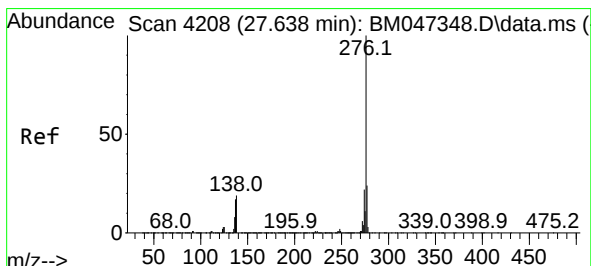
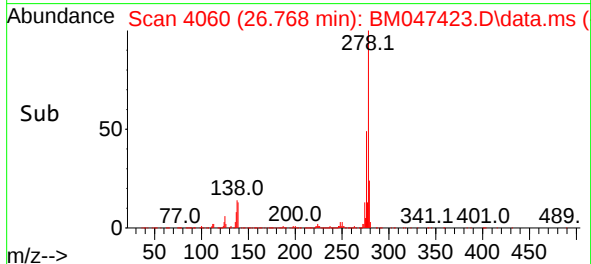
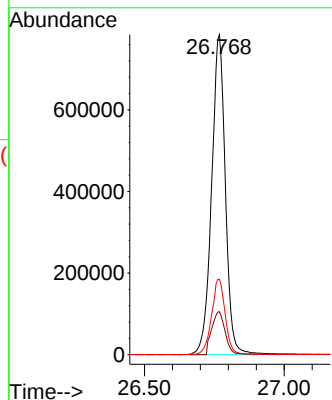
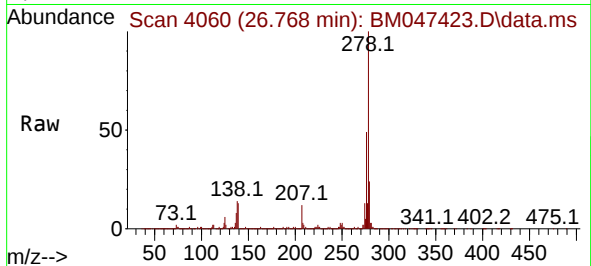




#91
Dibenzo(a,h)anthracene
Concen: 51.226 ng
RT: 26.768 min Scan# 4058
Delta R.T. 0.012 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 2681881
Ion Ratio Lower Upper
278 100
139 13.5 11.1 16.7
279 23.6 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 48.577 ng
RT: 27.668 min Scan# 4213
Delta R.T. 0.030 min
Lab File: BM047423.D
Acq: 03 Sep 2024 13:26

Tgt Ion:276 Resp: 2643912
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 18.0 15.0 22.6

