

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
 Data File : BM041415.D
 Acq On : 15 Aug 2023 20:49
 Operator : MA/JU
 Sample : PB154790BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154790BS

Quant Time: Aug 16 01:13:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	165186	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	617740	20.000	ng	-0.01
39) Acenaphthene-d10	14.427	164	343426	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	651189	20.000	ng	#-0.02
76) Chrysene-d12	21.392	240	596776	20.000	ng	-0.02
86) Perylene-d12	23.756	264	764883	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1308633	118.404	ng	0.00
7) Phenol-d6	6.951	99	1582633	110.470	ng	0.00
23) Nitrobenzene-d5	8.945	82	1032327	77.715	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	588665	121.185	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	2178393	80.129	ng	-0.01
79) Terphenyl-d14	19.827	244	2675904	81.072	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	149322	31.582	ng	94
3) Pyridine	3.652	79	371217	29.861	ng	93
4) n-Nitrosodimethylamine	3.563	42	211871	36.850	ng	98
6) Aniline	7.104	93	480428	28.655	ng	100
8) 2-Chlorophenol	7.328	128	466796	43.263	ng	99
9) Benzaldehyde	6.916	77	178808	23.654	ng	99
10) Phenol	6.981	94	582527	42.099	ng	96
11) bis(2-Chloroethyl)ether	7.204	93	448478	40.041	ng	97
12) 1,3-Dichlorobenzene	7.651	146	522267	44.468	ng	99
13) 1,4-Dichlorobenzene	7.798	146	531577	45.030	ng	99
14) 1,2-Dichlorobenzene	8.110	146	506614	44.758	ng	99
15) Benzyl Alcohol	8.022	79	420730	46.503	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	511637	34.284	ng	94
17) 2-Methylphenol	8.228	107	378977	40.089	ng	97
18) Hexachloroethane	8.828	117	197099	44.847	ng	89
19) n-Nitroso-di-n-propyla...	8.586	70	361263	41.516	ng	95
20) 3+4-Methylphenols	8.557	107	506188	40.047	ng	98
22) Acetophenone	8.604	105	686815	41.980	ng	99
24) Nitrobenzene	8.986	77	544069	40.502	ng	100
25) Isophorone	9.510	82	936125	41.515	ng	98
26) 2-Nitrophenol	9.692	139	245915	46.829	ng	94
27) 2,4-Dimethylphenol	9.757	122	372327	40.292	ng	96
28) bis(2-Chloroethoxy)met...	9.992	93	555472	39.327	ng	100
29) 2,4-Dichlorophenol	10.228	162	431775	46.334	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	494380	48.018	ng	97
31) Naphthalene	10.616	128	1341667	40.023	ng	100
32) Benzoic acid	9.939	122	256851	38.647	ng	94
33) 4-Chloroaniline	10.757	127	142917	10.668	ng	99
34) Hexachlorobutadiene	10.886	225	323980	52.321	ng	98
35) Caprolactam	11.575	113	110684	41.059	ng	# 87
36) 4-Chloro-3-methylphenol	11.886	107	411676	41.973	ng	98
37) 2-Methylnaphthalene	12.239	142	886551	39.228	ng	98
38) 1-Methylnaphthalene	12.457	142	846518	40.020	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	530356	47.559	ng	# 97
41) Hexachlorocyclopentadiene	12.569	237	428758	72.675	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	339337	47.477	ng	97

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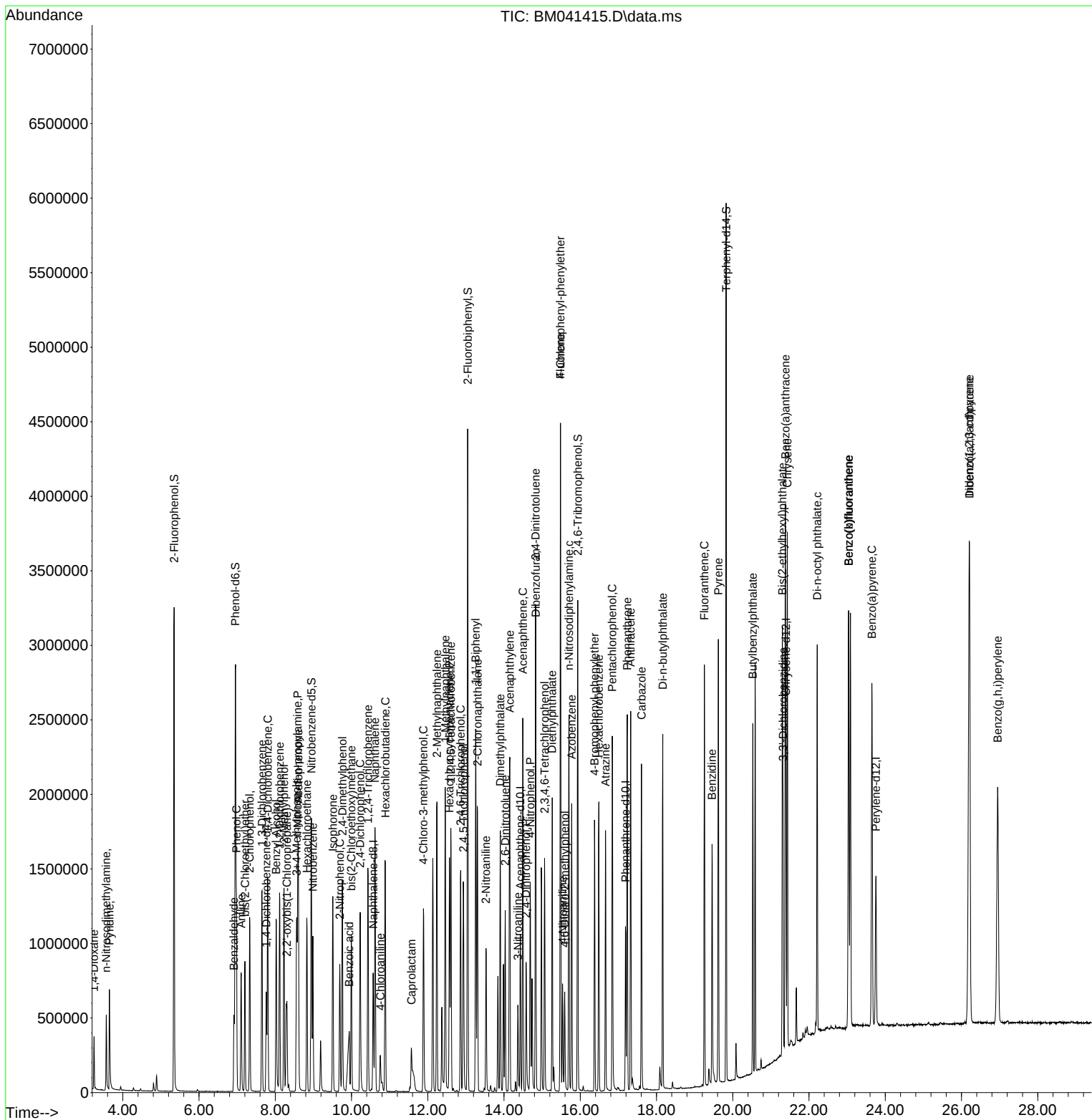
Instrument :
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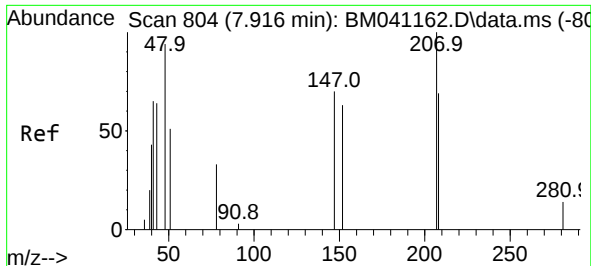
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	365109	44.135	ng	95
46) 1,1'-Biphenyl	13.257	154	1156439	41.537	ng	98
47) 2-Chloronaphthalene	13.304	162	913964	43.966	ng	98
48) 2-Nitroaniline	13.527	65	259691	39.136	ng	99
49) Acenaphthylene	14.151	152	1400295	41.733	ng	100
50) Dimethylphthalate	13.904	163	1085877	42.034	ng	99
51) 2,6-Dinitrotoluene	14.033	165	235479	43.993	ng	96
52) Acenaphthene	14.492	154	804270	39.788	ng	99
53) 3-Nitroaniline	14.363	138	141456	24.189	ng	95
54) 2,4-Dinitrophenol	14.580	184	192704	55.259	ng	91
55) Dibenzofuran	14.833	168	1326155	40.211	ng	99
56) 4-Nitrophenol	14.686	139	347117	77.812	ng	95
57) 2,4-Dinitrotoluene	14.827	165	311874	41.201	ng	94
58) Fluorene	15.480	166	1038644	39.921	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	306222	45.712	ng	94
60) Diethylphthalate	15.262	149	1033095	41.354	ng	99
61) 4-Chlorophenyl-phenyle...	15.480	204	562539	43.148	ng	97
62) 4-Nitroaniline	15.539	138	176294	32.360	ng	92
63) Azobenzene	15.774	77	1024856	37.451	ng	97
65) 4,6-Dinitro-2-methylph...	15.592	198	143774	36.446	ng	87
66) n-Nitrosodiphenylamine	15.704	169	872280	43.070	ng	99
67) 4-Bromophenyl-phenylether	16.374	248	332662	46.593	ng	97
68) Hexachlorobenzene	16.486	284	381697	48.078	ng	95
69) Atrazine	16.662	200	310166	58.317	ng	100
70) Pentachlorophenol	16.839	266	426197	77.526	ng	99
71) Phenanthrene	17.233	178	1456771	40.264	ng	100
72) Anthracene	17.321	178	1491093	41.670	ng	99
73) Carbazole	17.604	167	1308074	40.389	ng	99
74) Di-n-butylphthalate	18.162	149	1591584	43.488	ng	100
75) Fluoranthene	19.256	202	1618752	39.824	ng	98
77) Benzidine	19.456	184	953665	117.244	ng	100
78) Pyrene	19.621	202	1685027	40.376	ng	100
80) Butylbenzylphthalate	20.527	149	642794	42.177	ng	96
81) Benzo(a)anthracene	21.380	228	1763953	43.601	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	515240	39.029	ng	99
83) Chrysene	21.433	228	1637194	41.838	ng	98
84) Bis(2-ethylhexyl)phtha...	21.297	149	949655	39.701	ng	98
85) Di-n-octyl phthalate	22.215	149	1654185	42.947	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.203	276	2543947	45.238	ng	# 94
88) Benzo(b)fluoranthene	23.038	252	2012325	44.287	ng	# 98
89) Benzo(k)fluoranthene	23.038	252	2012325	43.295	ng	98
90) Benzo(a)pyrene	23.650	252	1806650	41.380	ng	# 98
91) Dibenzo(a,h)anthracene	26.209	278	2145050	45.732	ng	# 96
92) Benzo(g,h,i)perylene	26.950	276	2057478	44.829	ng	# 95

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

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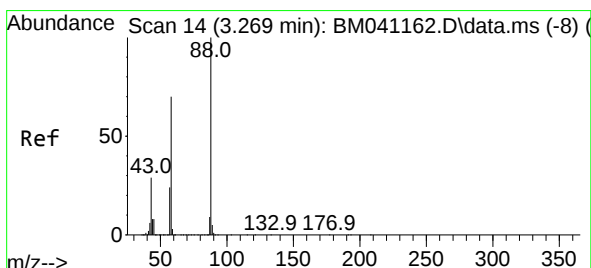
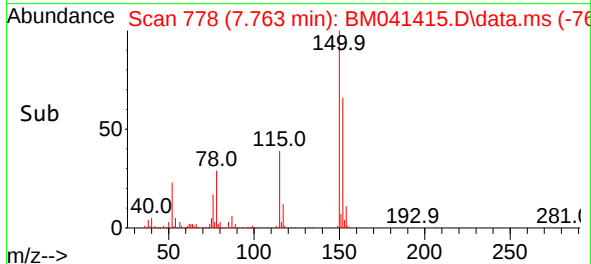
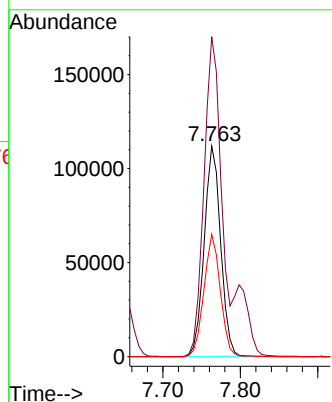
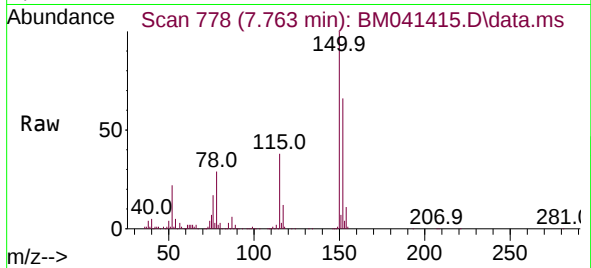




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

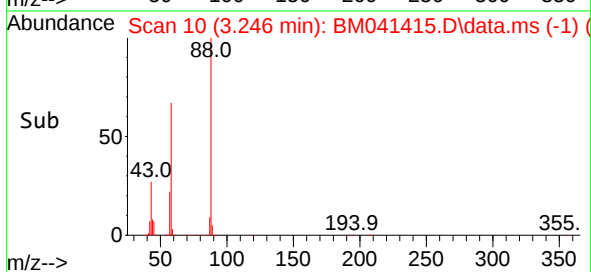
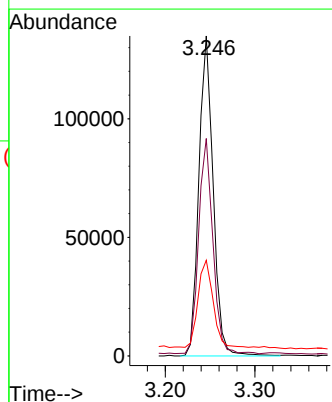
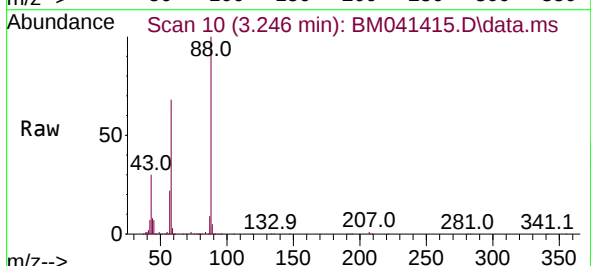
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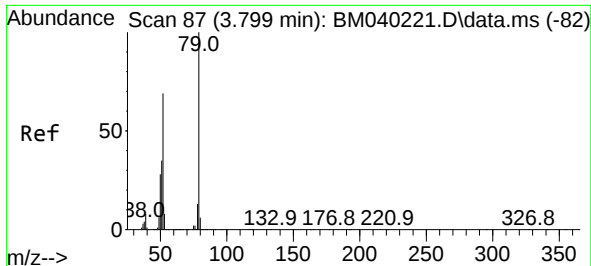
Tgt Ion:152 Resp: 165186
Ion Ratio Lower Upper
152 100
150 152.0 125.5 188.3
115 58.0 48.0 72.0



#2
1,4-Dioxane
Concen: 31.582 ng
RT: 3.246 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion: 88 Resp: 149322
Ion Ratio Lower Upper
88 100
58 66.8 58.2 87.4
43 28.3 24.4 36.6

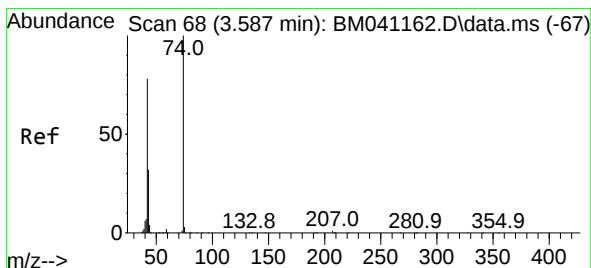
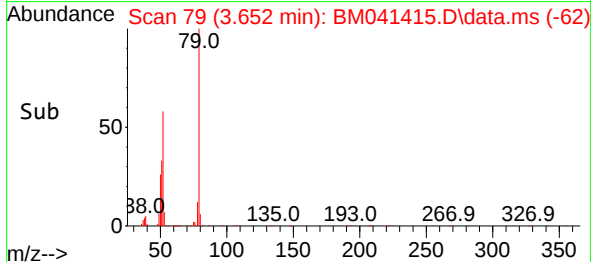
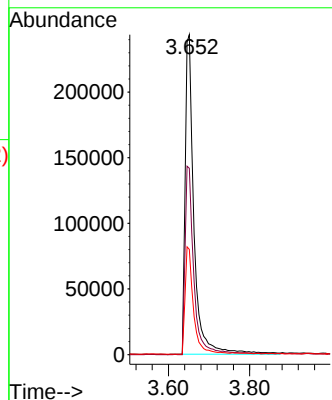
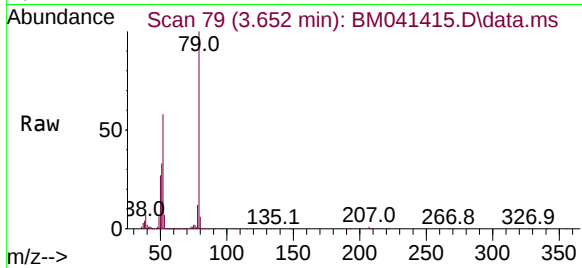




#3
 Pyridine
 Concen: 29.861 ng
 RT: 3.652 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BM041415.D
 Acq: 15 Aug 2023 20:49

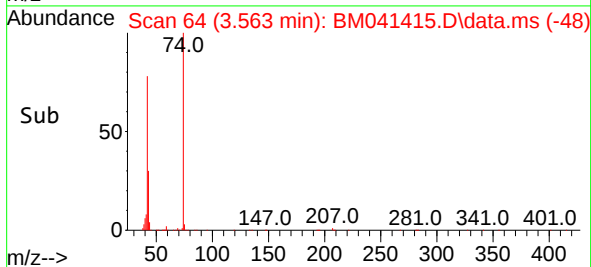
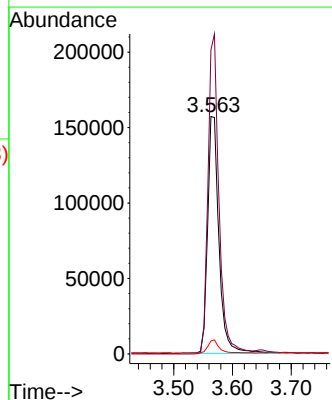
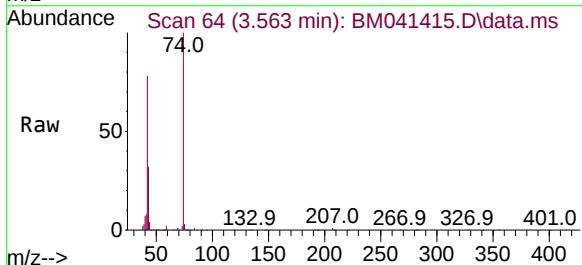
Instrument :
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 ClientSampleId :
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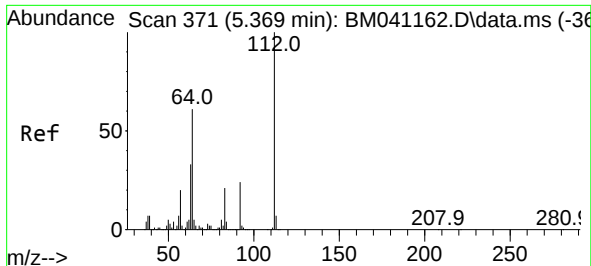
Tgt Ion: 79 Resp: 371217
 Ion Ratio Lower Upper
 79 100
 52 58.2 52.1 78.1
 51 32.9 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 36.850 ng
 RT: 3.563 min Scan# 64
 Delta R.T. -0.006 min
 Lab File: BM041415.D
 Acq: 15 Aug 2023 20:49

Tgt Ion: 42 Resp: 211871
 Ion Ratio Lower Upper
 42 100
 74 128.0 100.8 151.2
 44 5.5 5.0 7.4

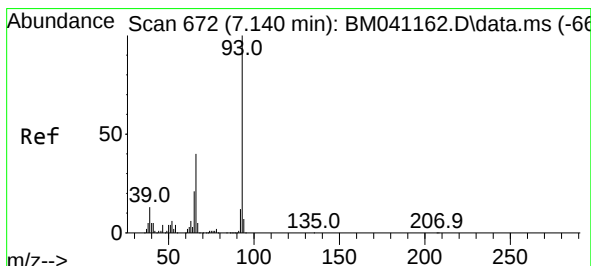
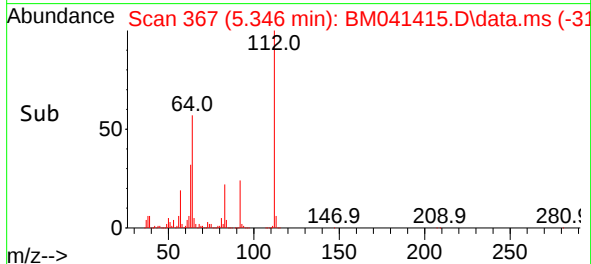
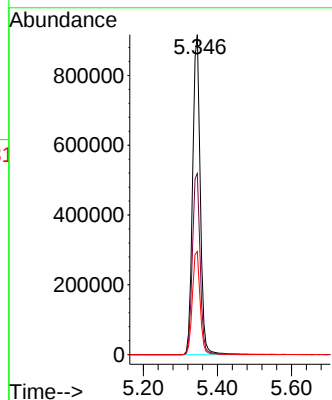
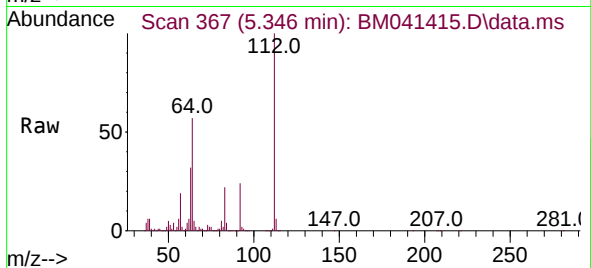




#5
2-Fluorophenol
Concen: 118.404 ng
RT: 5.346 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

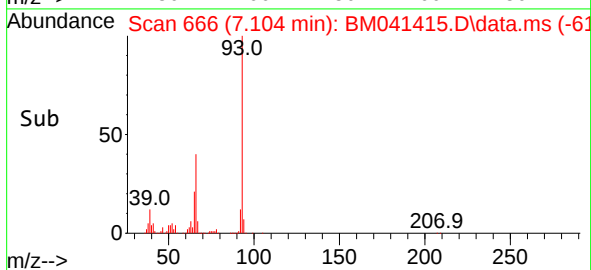
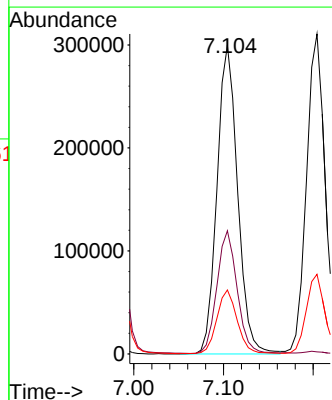
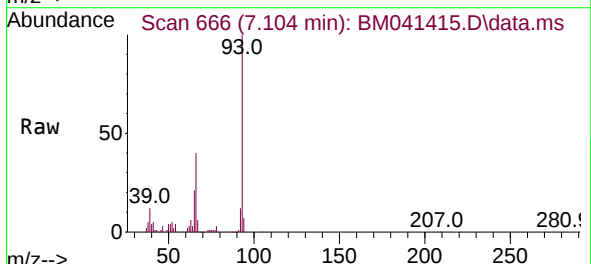
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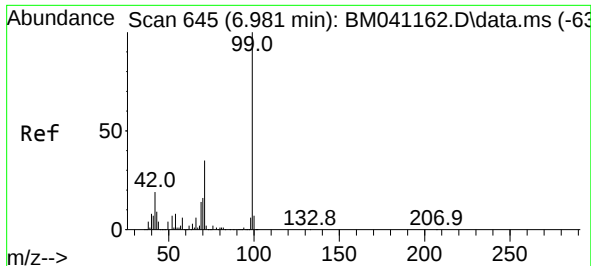
Tgt Ion:112 Resp: 1308633
Ion Ratio Lower Upper
112 100
64 56.6 48.5 72.7
63 32.2 26.5 39.7



#6
Aniline
Concen: 28.655 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion: 93 Resp: 480428
Ion Ratio Lower Upper
93 100
66 39.9 32.0 48.0
65 20.7 16.6 24.8



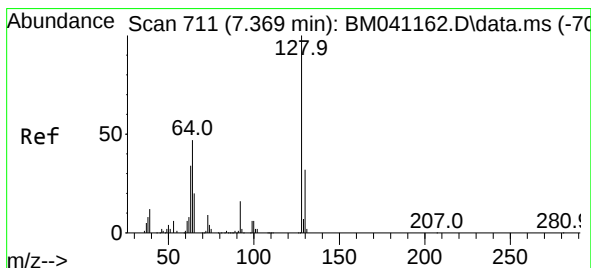
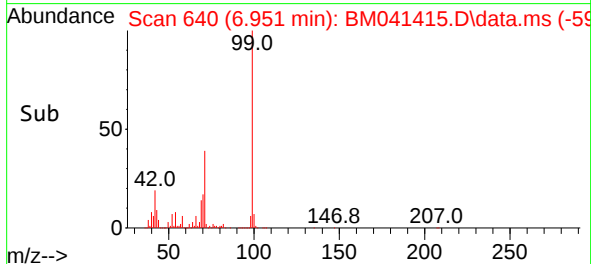
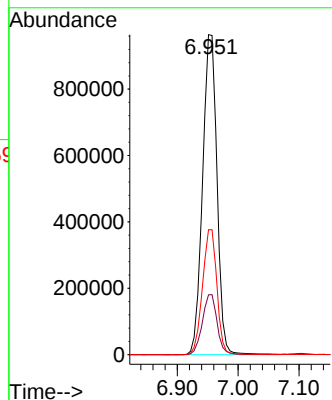
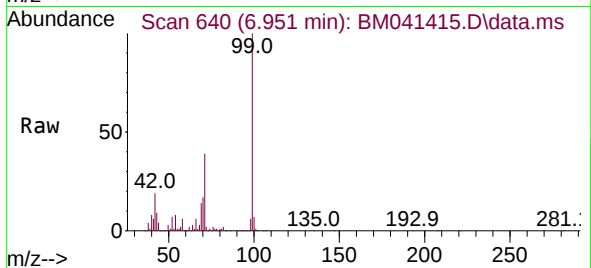


#7
Phenol-d6
Concen: 110.470 ng
RT: 6.951 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Instrument :
BNA_M
ClientSampleId :
PB154790BS

Tgt Ion: 99 Resp: 1582633

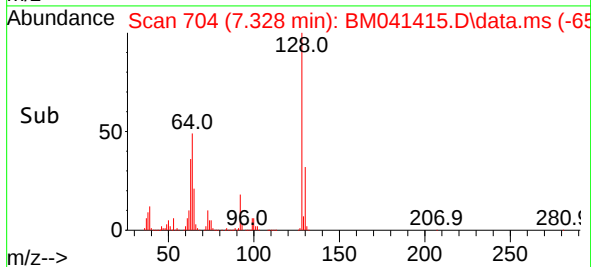
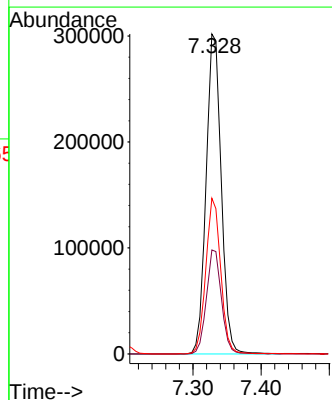
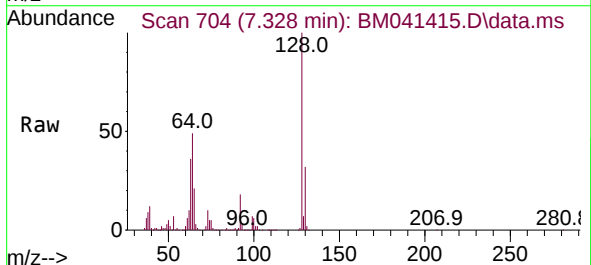
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.4	23.0
71	39.0	28.2	42.4

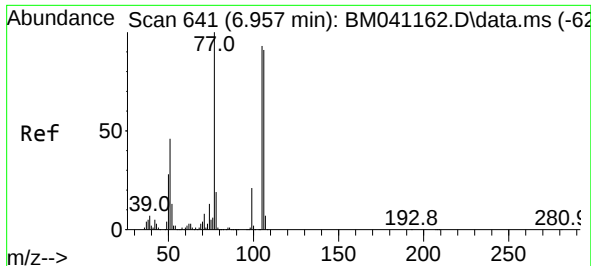


#8
2-Chlorophenol
Concen: 43.263 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion: 128 Resp: 466796

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	48.6	29.3	69.3

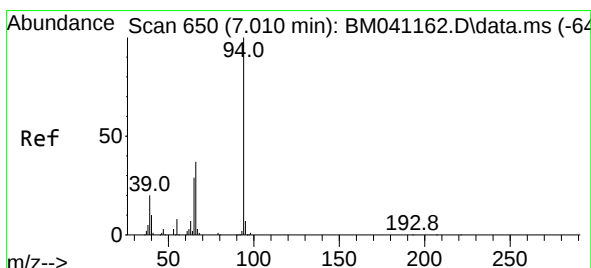
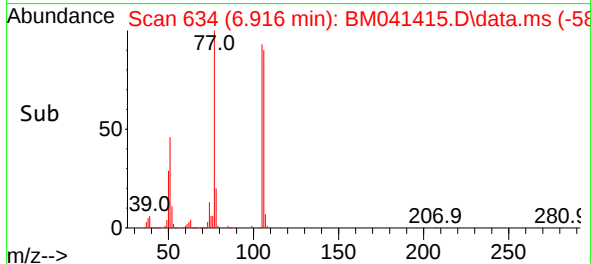
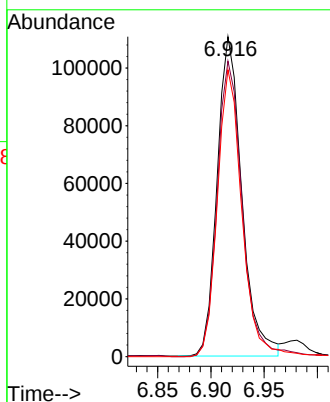
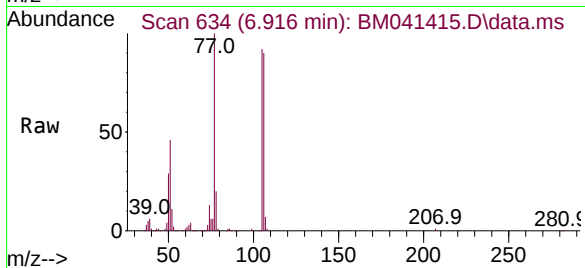




#9
Benzaldehyde
Concen: 23.654 ng
RT: 6.916 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM041415.D
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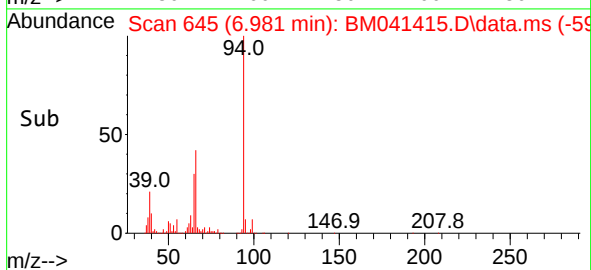
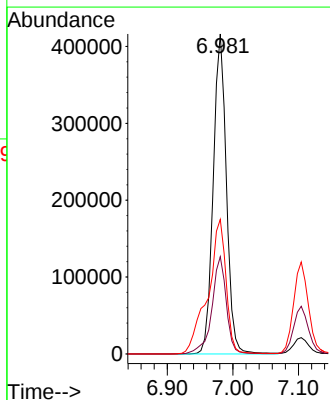
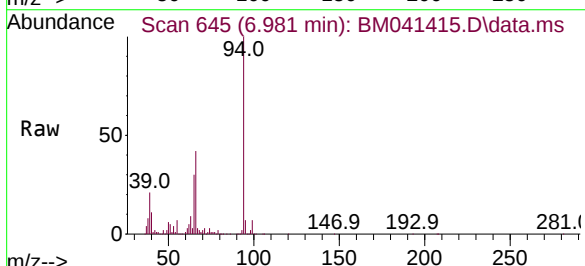
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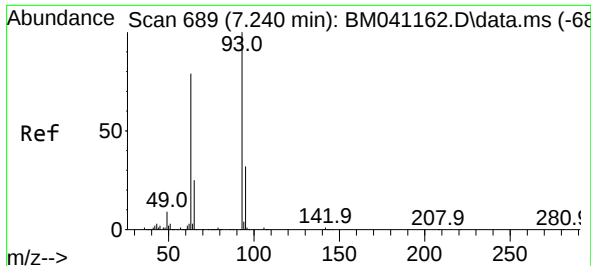
Tgt Ion: 77 Resp: 178808
Ion Ratio Lower Upper
77 100
105 92.3 72.8 112.8
106 89.6 70.8 110.8



#10
Phenol
Concen: 42.099 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion: 94 Resp: 582527
Ion Ratio Lower Upper
94 100
65 30.4 9.5 49.5
66 42.0 18.0 58.0

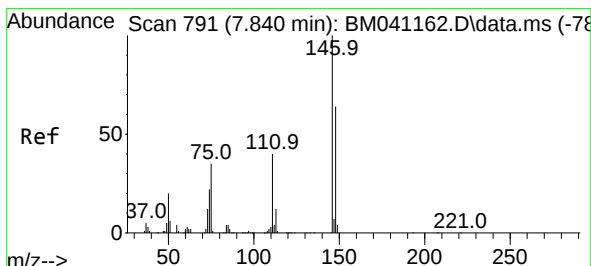
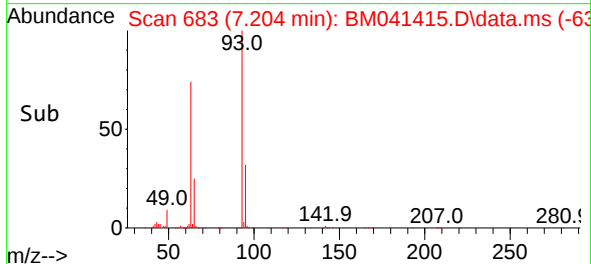
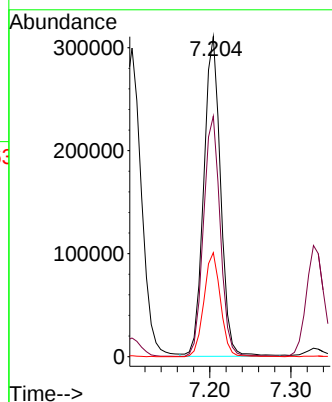
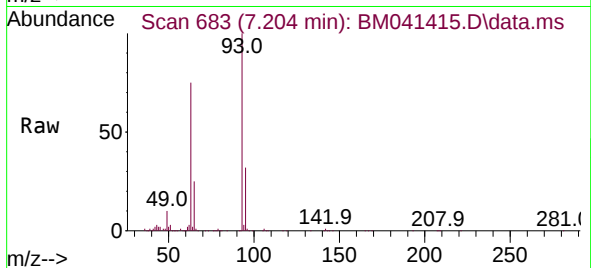




#11
bis(2-Chloroethyl)ether
Concen: 40.041 ng
RT: 7.204 min Scan# 689
Delta R.T. -0.006 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

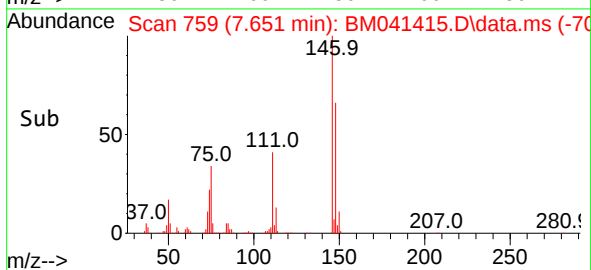
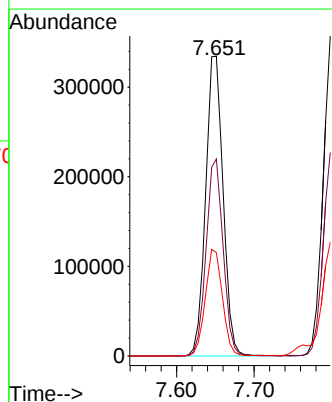
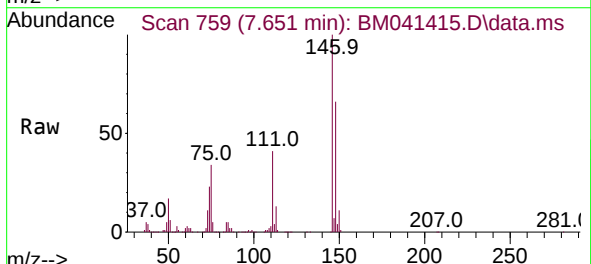
Instrument :
BNA_M
ClientSampleId :
PB154790BS

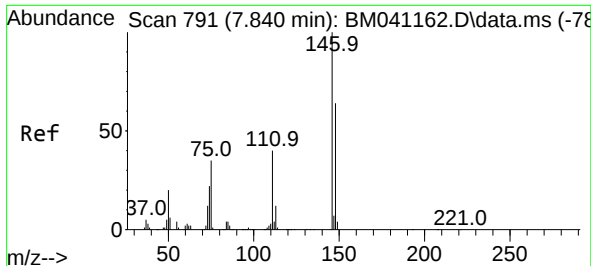
Tgt Ion: 93 Resp: 448478
Ion Ratio Lower Upper
93 100
63 75.1 58.8 98.8
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.468 ng
RT: 7.651 min Scan# 759
Delta R.T. -0.006 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion: 146 Resp: 522267
Ion Ratio Lower Upper
146 100
148 65.7 51.9 77.9
75 34.5 28.3 42.5

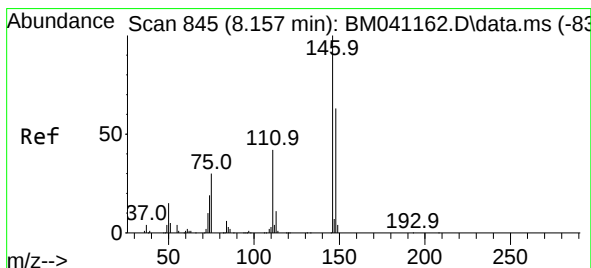
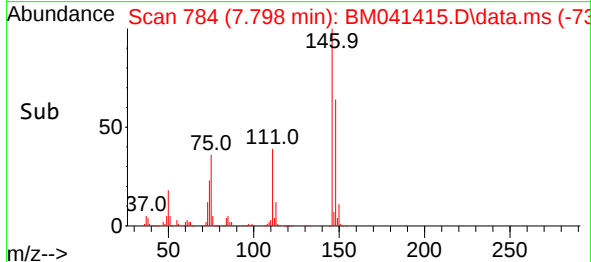
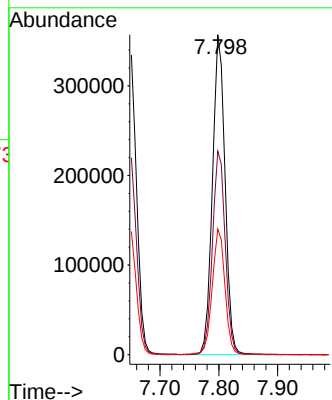
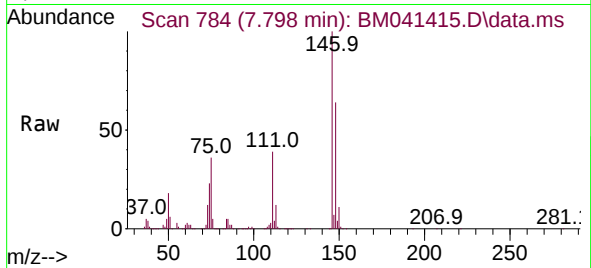




#13
1,4-Dichlorobenzene
Concen: 45.030 ng
RT: 7.798 min Scan# 781
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

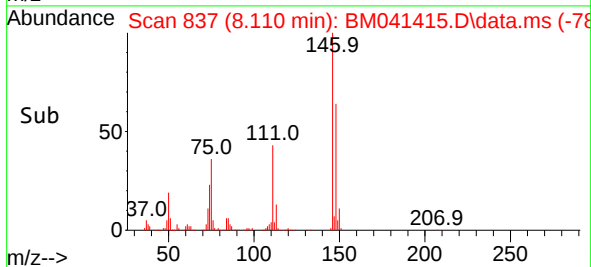
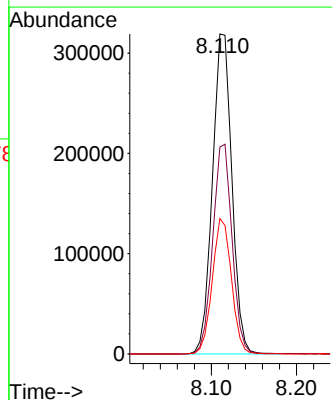
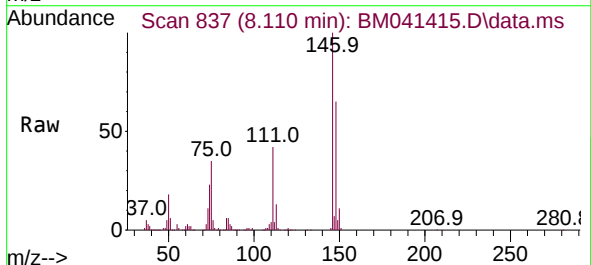
Instrument :
BNA_M
ClientSampleId :
PB154790BS

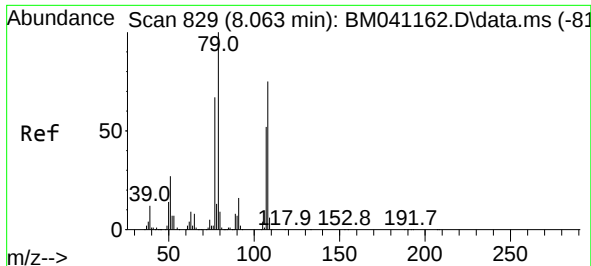
Tgt Ion:146 Resp: 531577
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 39.2 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 44.758 ng
RT: 8.110 min Scan# 837
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:146 Resp: 506614
Ion Ratio Lower Upper
146 100
148 64.6 50.9 76.3
111 42.3 33.8 50.6

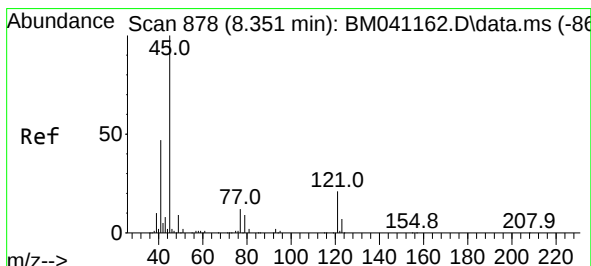
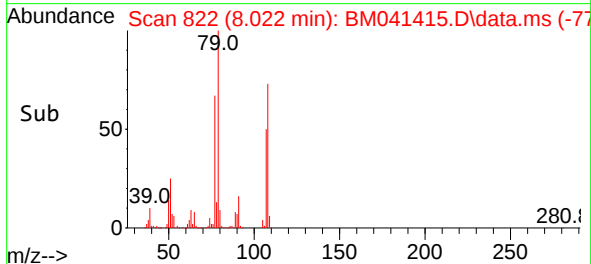
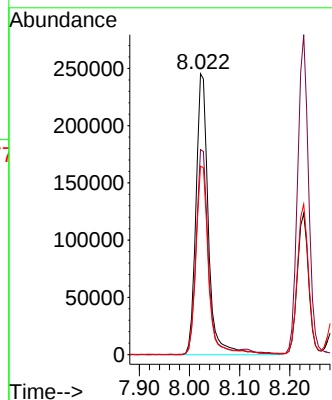
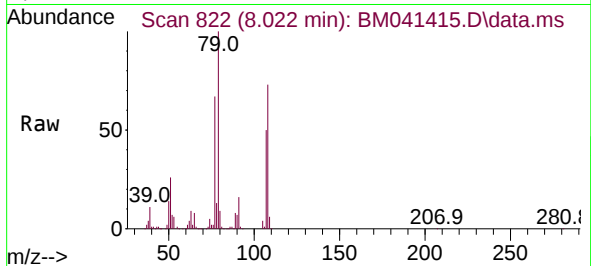




#15
Benzyl Alcohol
Concen: 46.503 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

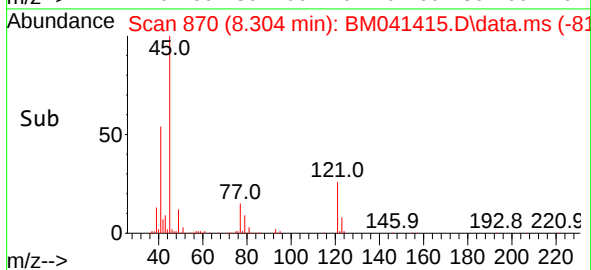
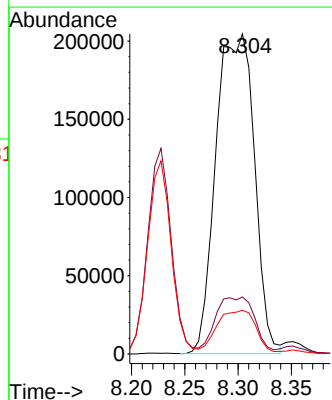
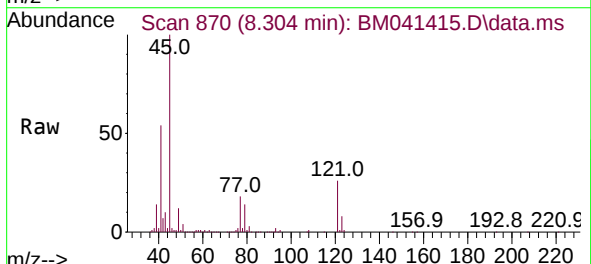
Instrument :
BNA_M
ClientSampleId :
PB154790BS

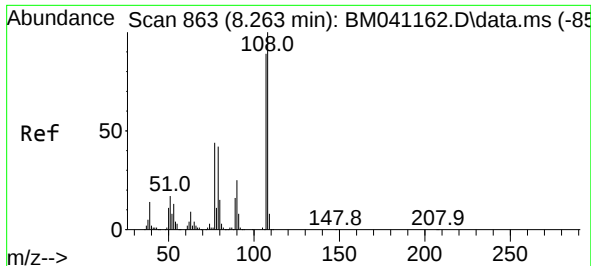
Tgt Ion: 79 Resp: 420730
Ion Ratio Lower Upper
79 100
108 73.0 59.8 89.8
77 67.1 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.284 ng
RT: 8.304 min Scan# 870
Delta R.T. 0.006 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion: 45 Resp: 511637
Ion Ratio Lower Upper
45 100
77 17.8 0.0 34.5
79 13.6 0.0 32.1





#17

2-Methylphenol

Concen: 40.089 ng

RT: 8.228 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

Tgt Ion:107 Resp: 378977

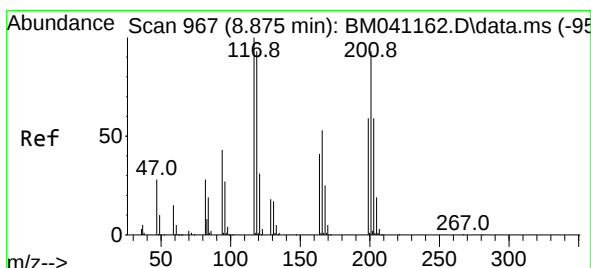
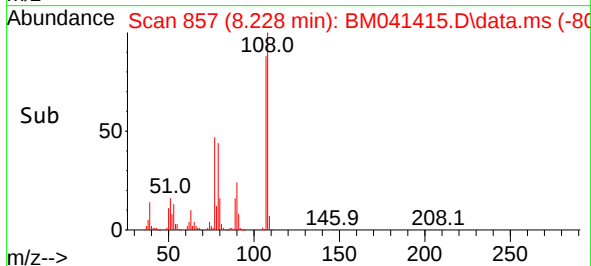
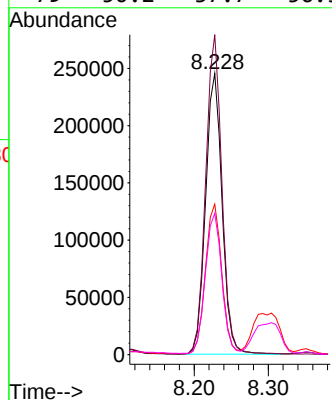
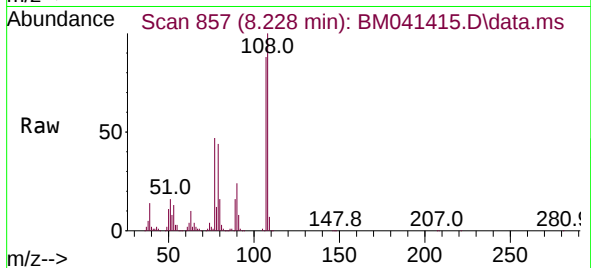
Ion Ratio Lower Upper

107 100

108 113.8 89.9 134.9

77 53.5 39.8 59.8

79 50.2 37.7 56.5



#18

Hexachloroethane

Concen: 44.847 ng

RT: 8.828 min Scan# 959

Delta R.T. -0.012 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

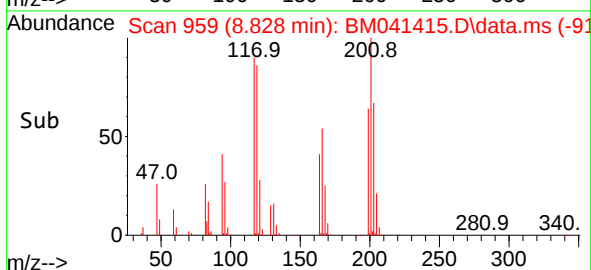
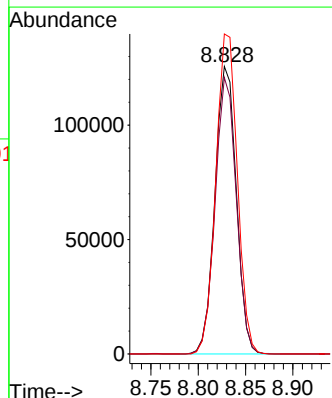
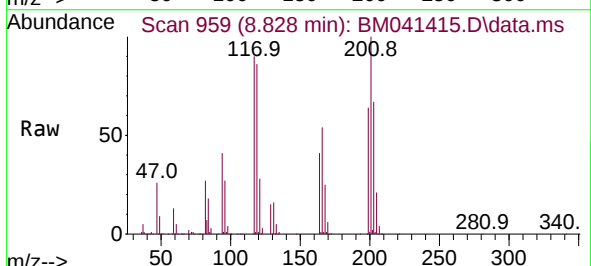
Tgt Ion:117 Resp: 197099

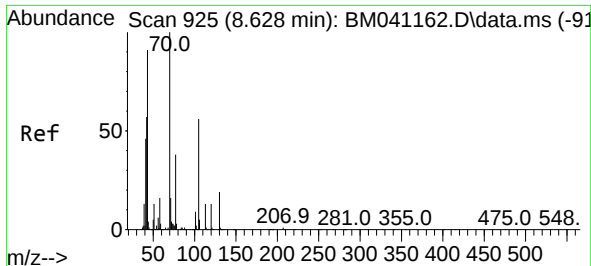
Ion Ratio Lower Upper

117 100

119 96.1 74.2 111.4

201 111.3 74.5 111.7

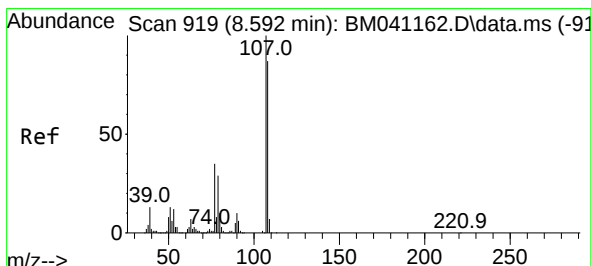
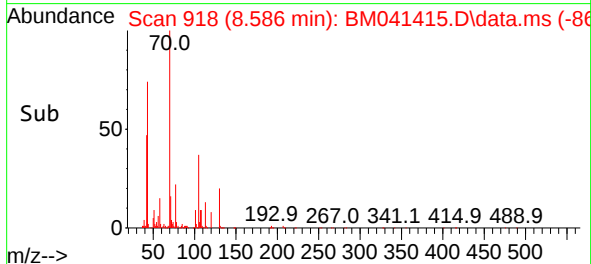
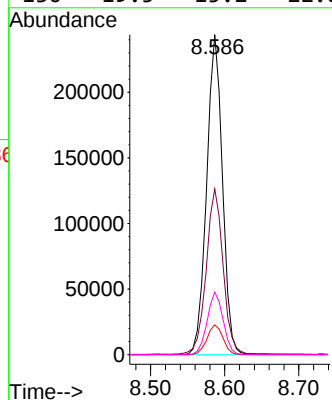
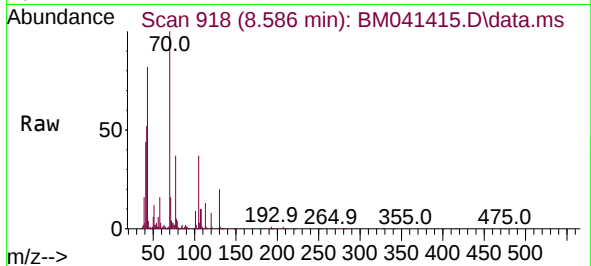




#19
n-Nitroso-di-n-propylamine
Concen: 41.516 ng
RT: 8.586 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

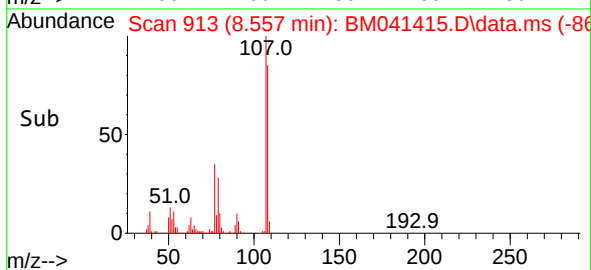
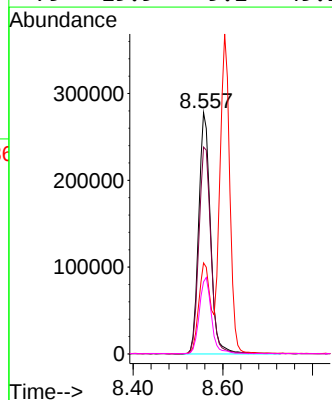
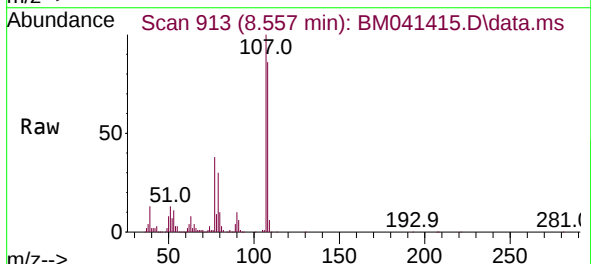
Instrument :
BNA_M
ClientSampleId :
PB154790BS

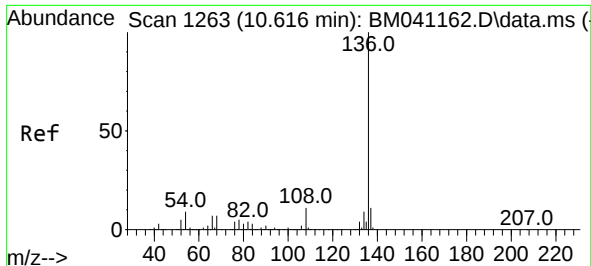
Tgt Ion:	70	Resp:	361263
Ion	Ratio	Lower	Upper
70	100		
42	51.8	45.8	68.8
101	9.3	7.4	11.0
130	19.5	15.2	22.8



#20
3+4-Methylphenols
Concen: 40.047 ng
RT: 8.557 min Scan# 913
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:	107	Resp:	506188
Ion	Ratio	Lower	Upper
107	100		
108	85.7	67.2	107.2
77	37.7	15.4	55.4
79	29.9	9.2	49.2



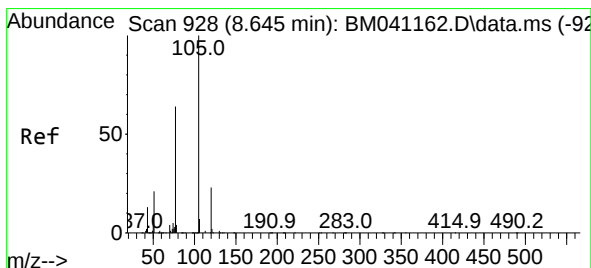
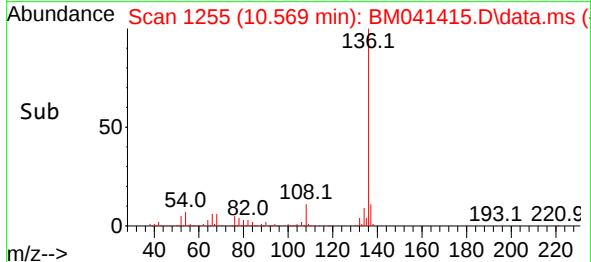
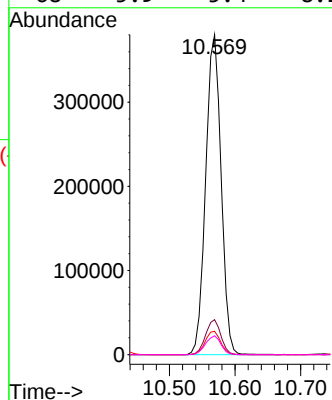
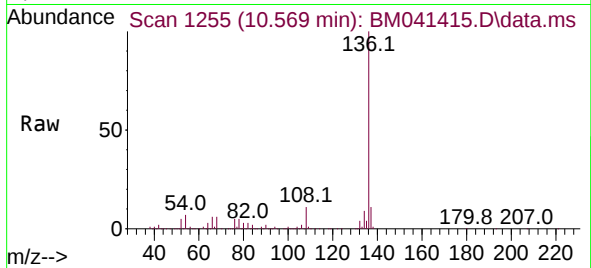


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Instrument :
BNA_M
ClientSampleId :
PB154790BS

Tgt Ion:136 Resp: 617740

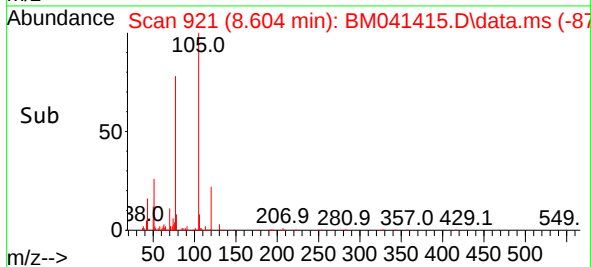
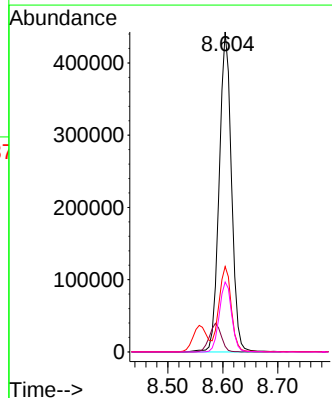
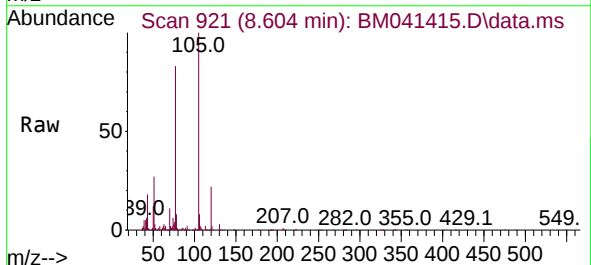
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.3	6.9	10.3
68	5.9	5.4	8.2

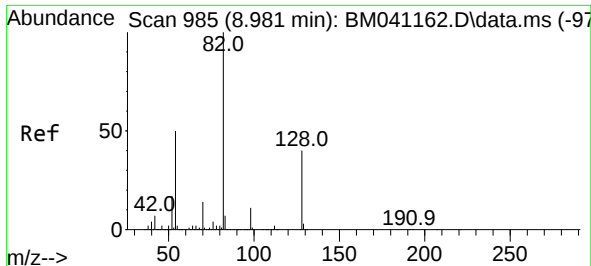


#22
Acetophenone
Concen: 41.980 ng
RT: 8.604 min Scan# 921
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:105 Resp: 686815

Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.2	1.8
51	26.7	22.0	33.0
120	21.8	18.0	27.0

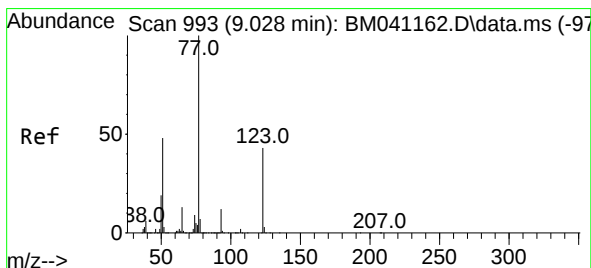
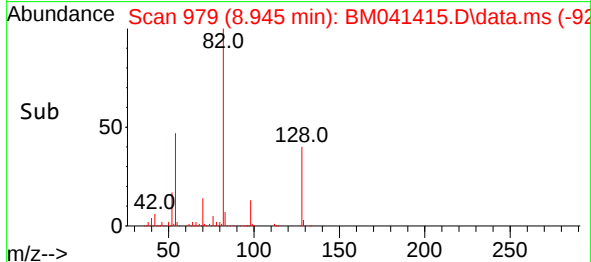
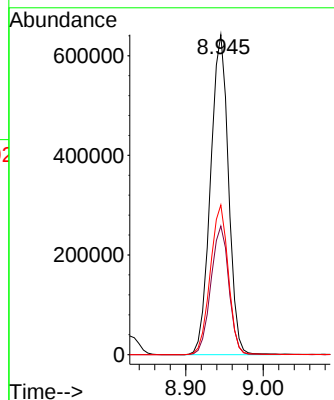
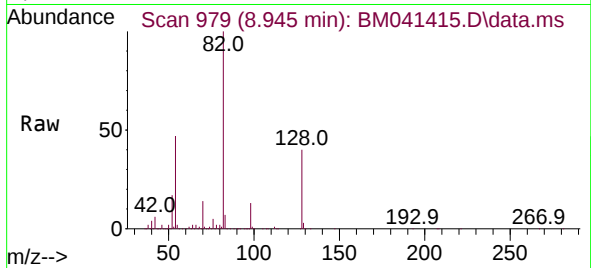




#23
Nitrobenzene-d5
Concen: 77.715 ng
RT: 8.945 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

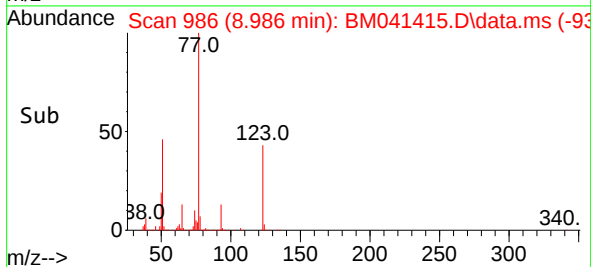
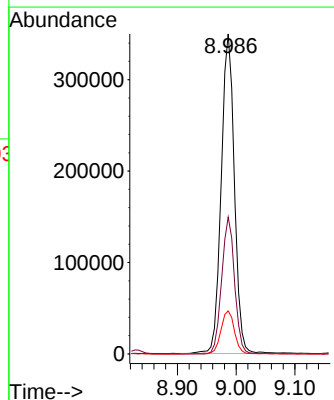
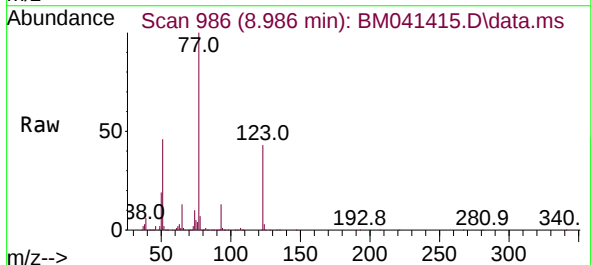
Instrument :
BNA_M
ClientSampleId :
PB154790BS

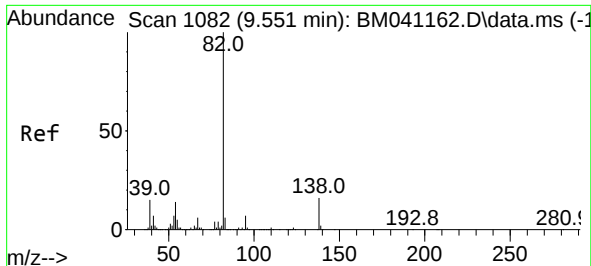
Tgt Ion: 82 Resp: 1032327
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.6
54 46.8 40.1 60.1



#24
Nitrobenzene
Concen: 40.502 ng
RT: 8.986 min Scan# 986
Delta R.T. -0.006 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion: 77 Resp: 544069
Ion Ratio Lower Upper
77 100
123 42.8 34.2 51.2
65 13.5 10.7 16.1

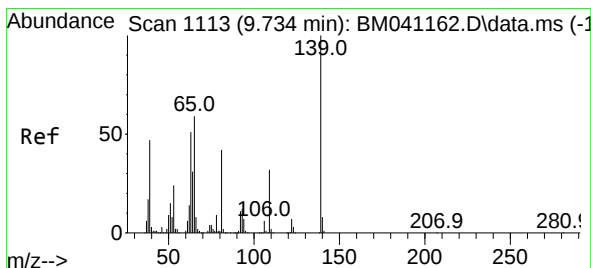
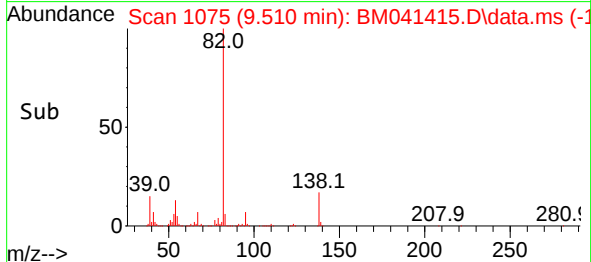
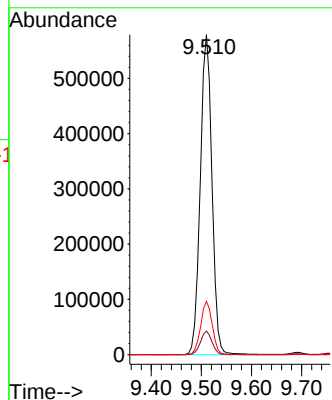
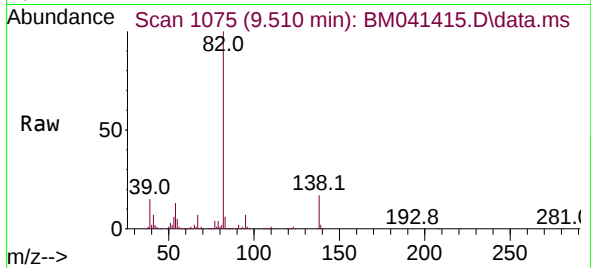




#25
Isophorone
Concen: 41.515 ng
RT: 9.510 min Scan# 1082
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

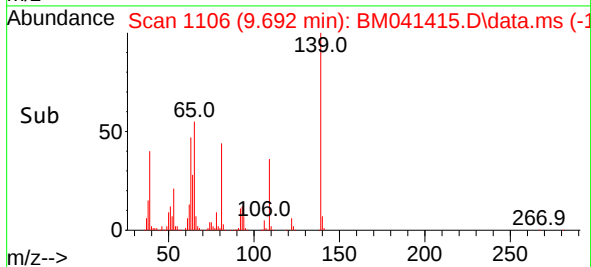
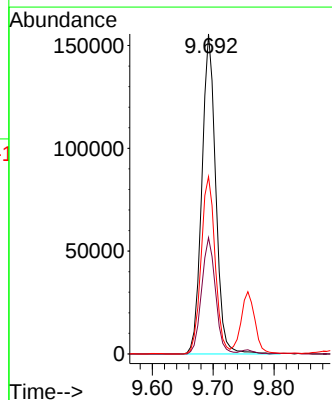
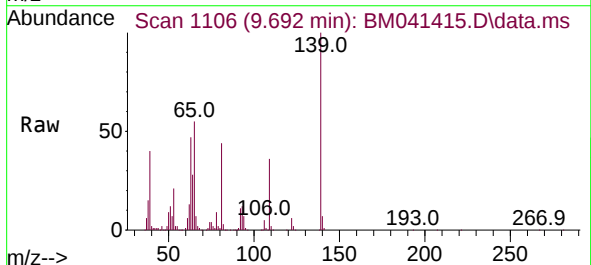
Instrument :
BNA_M
ClientSampleId :
PB154790BS

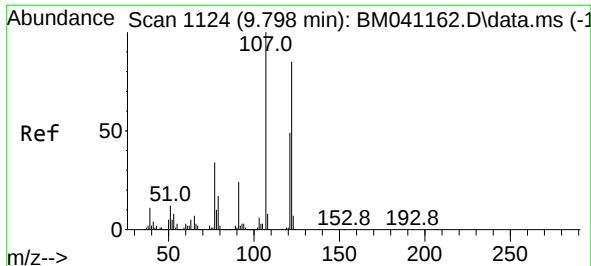
Tgt Ion: 82 Resp: 936125
Ion Ratio Lower Upper
82 100
95 7.4 5.3 7.9
138 16.6 12.8 19.2



#26
2-Nitrophenol
Concen: 46.829 ng
RT: 9.692 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion: 139 Resp: 245915
Ion Ratio Lower Upper
139 100
109 36.3 25.4 38.2
65 55.4 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 40.292 ng

RT: 9.757 min Scan# 1117

Delta R.T. -0.012 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

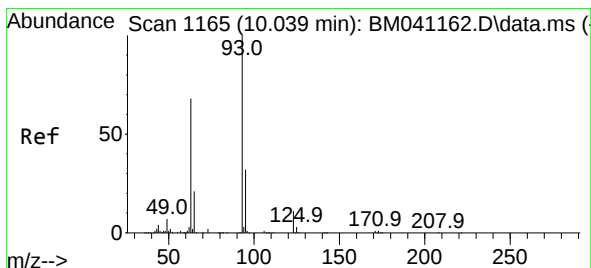
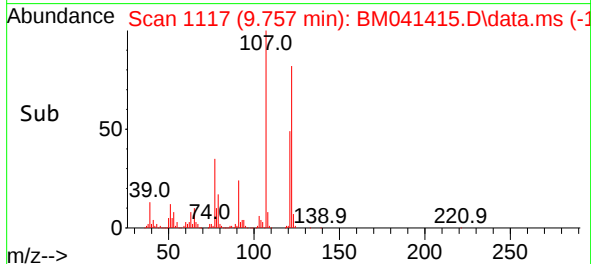
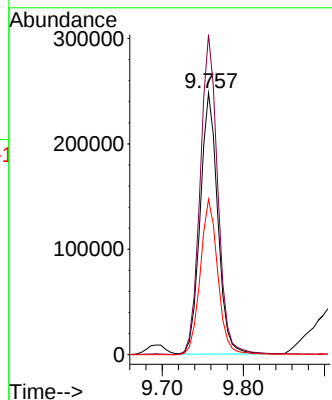
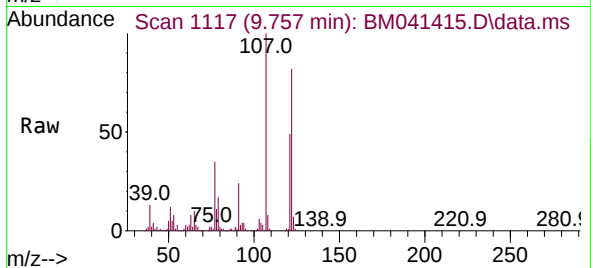
Tgt Ion:122 Resp: 372327

Ion Ratio Lower Upper

122 100

107 122.3 94.3 141.5

121 59.3 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.327 ng

RT: 9.992 min Scan# 1157

Delta R.T. -0.012 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

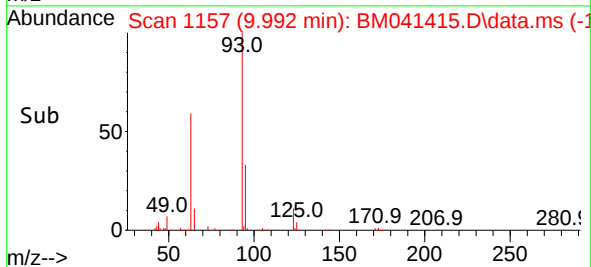
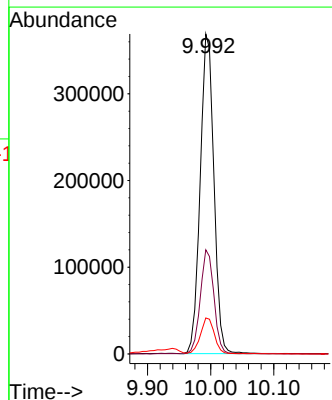
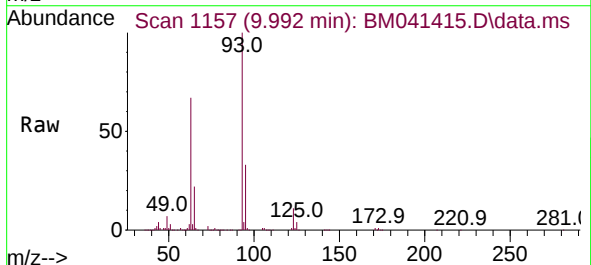
Tgt Ion: 93 Resp: 555472

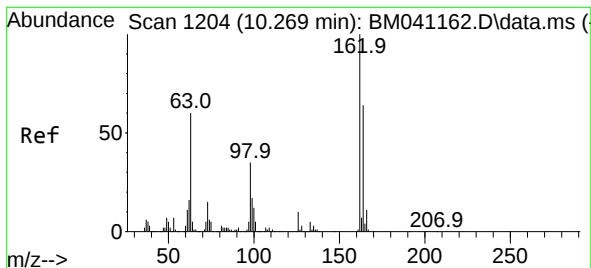
Ion Ratio Lower Upper

93 100

95 32.6 25.9 38.9

123 11.2 9.1 13.7

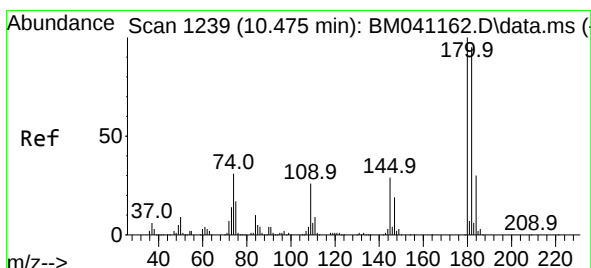
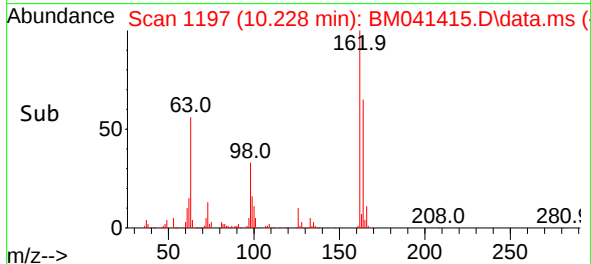
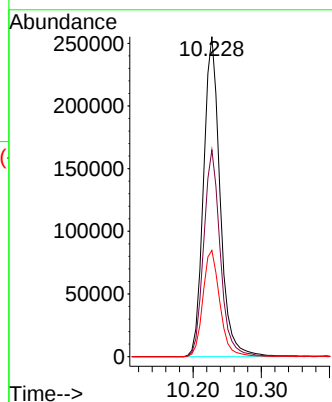
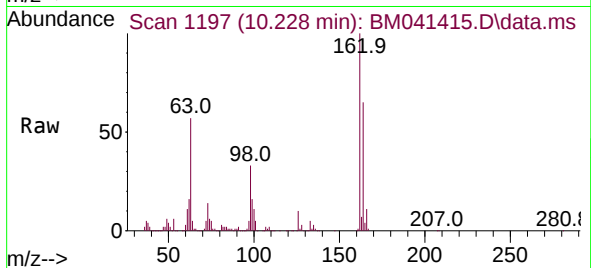




#29
2,4-Dichlorophenol
Concen: 46.334 ng
RT: 10.228 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

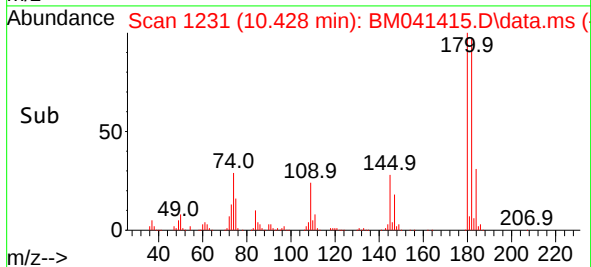
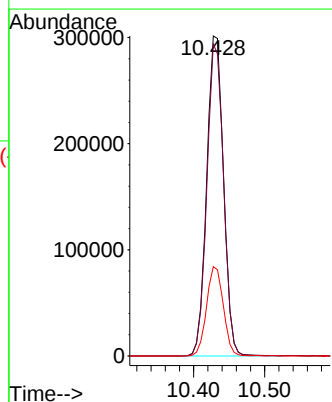
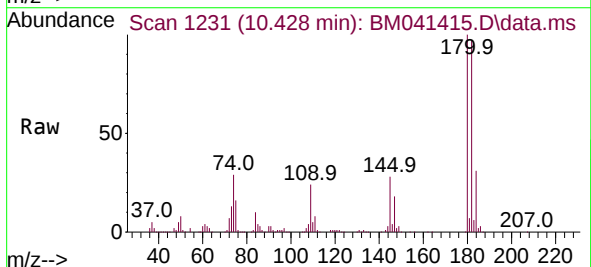
Instrument :
BNA_M
ClientSampleId :
PB154790BS

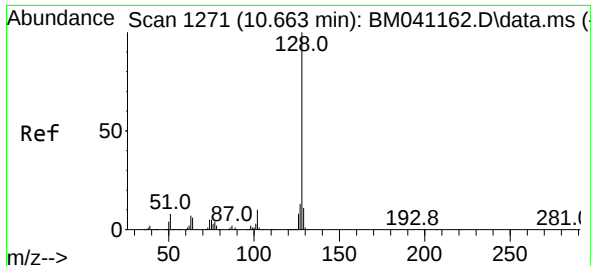
Tgt Ion:162 Resp: 431775
Ion Ratio Lower Upper
162 100
164 64.6 44.3 84.3
98 33.2 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 48.018 ng
RT: 10.428 min Scan# 1231
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:180 Resp: 494380
Ion Ratio Lower Upper
180 100
182 97.5 75.9 113.9
145 27.9 23.6 35.4

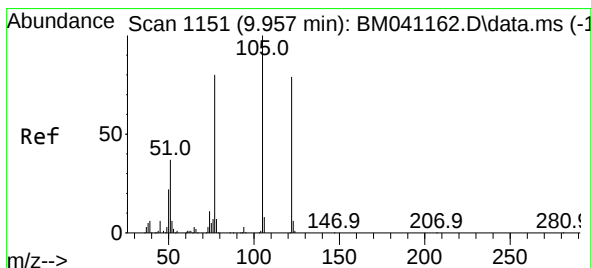
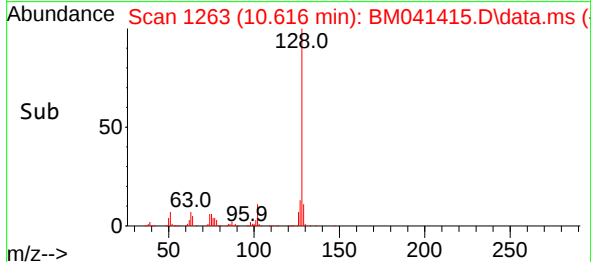
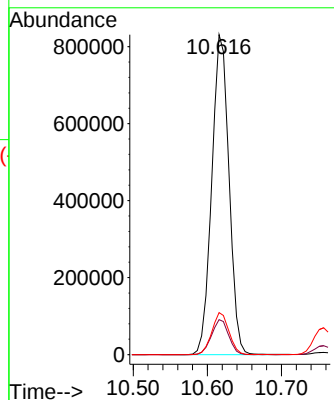
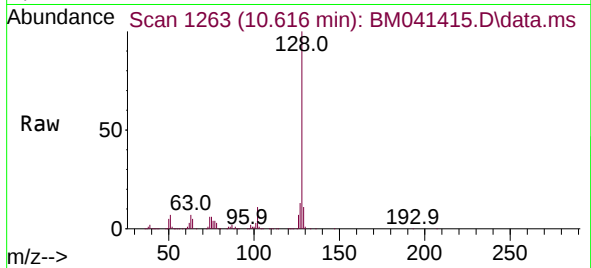




#31
Naphthalene
Concen: 40.023 ng
RT: 10.616 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

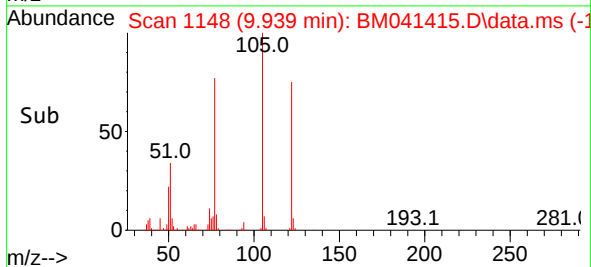
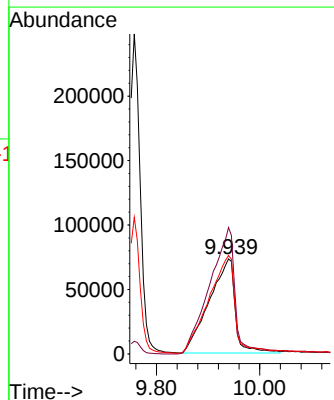
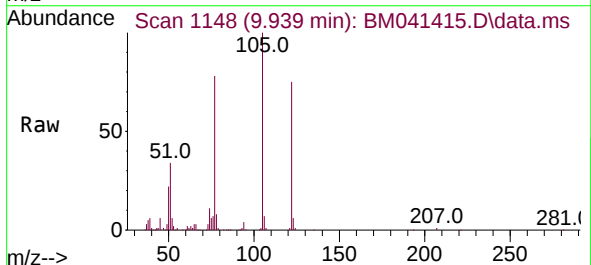
Instrument :
BNA_M
ClientSampleId :
PB154790BS

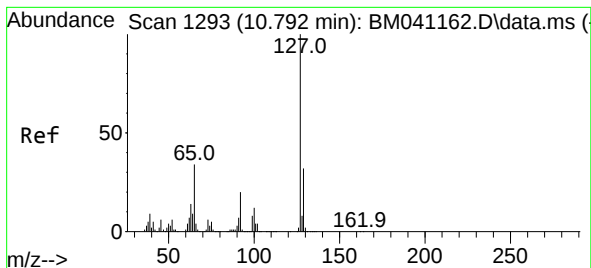
Tgt Ion:128 Resp: 1341667
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 38.647 ng
RT: 9.939 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:122 Resp: 256851
Ion Ratio Lower Upper
122 100
105 133.0 104.0 144.0
77 103.5 79.9 119.9





#33

4-Chloroaniline

Concen: 10.668 ng

RT: 10.757 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

Tgt Ion:127 Resp: 142917

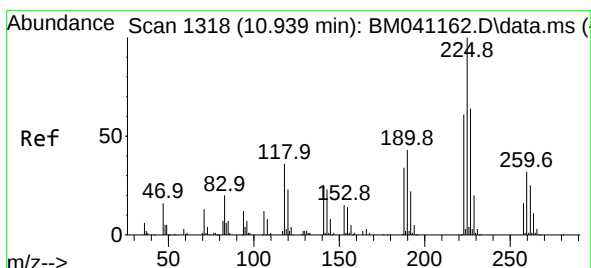
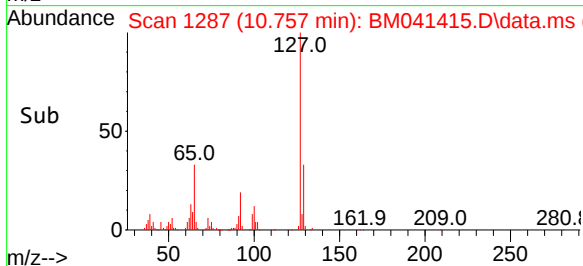
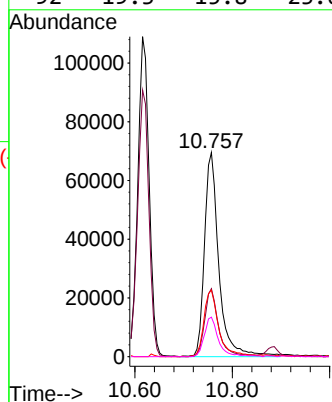
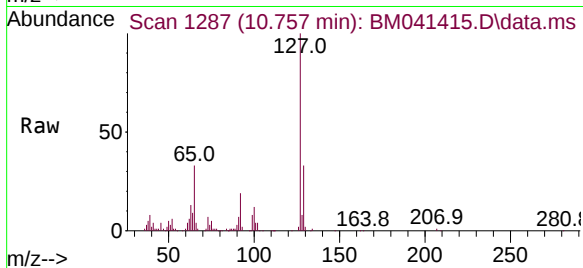
Ion Ratio Lower Upper

127 100

129 33.3 25.9 38.9

65 32.7 26.9 40.3

92 19.3 15.8 23.6



#34

Hexachlorobutadiene

Concen: 52.321 ng

RT: 10.886 min Scan# 1309

Delta R.T. -0.012 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

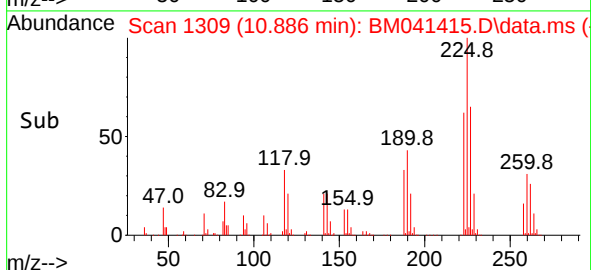
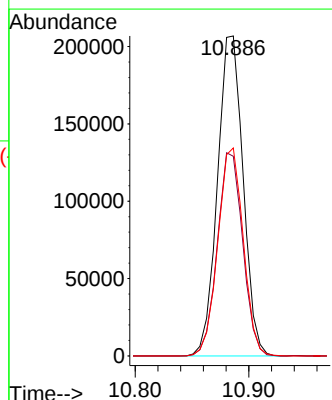
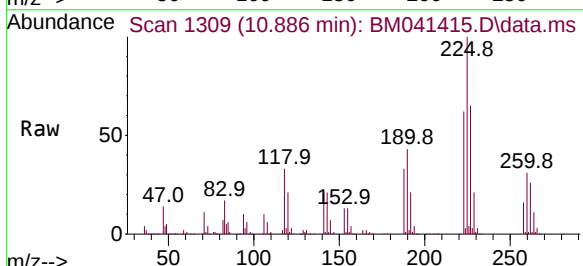
Tgt Ion:225 Resp: 323980

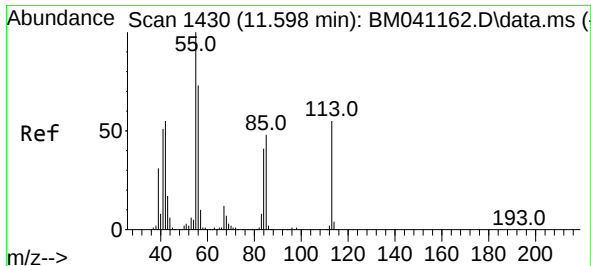
Ion Ratio Lower Upper

225 100

223 62.4 49.0 73.4

227 65.0 50.8 76.2

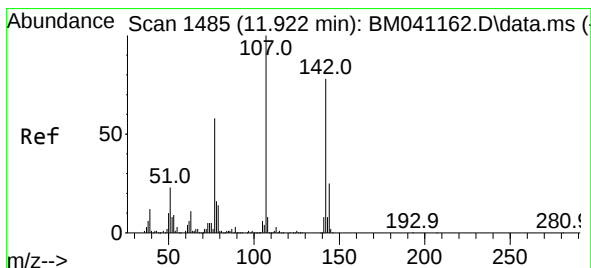
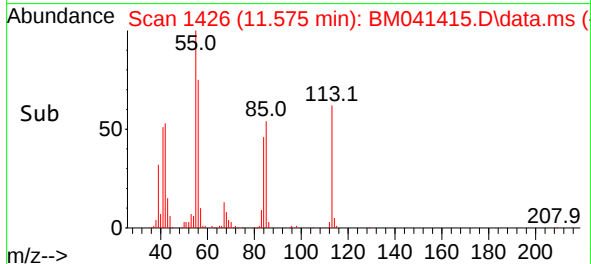
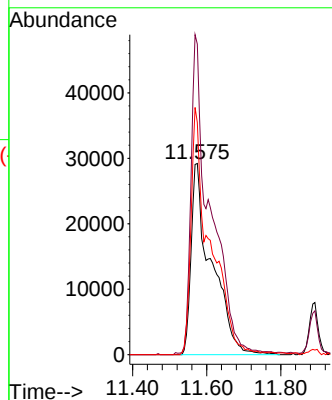
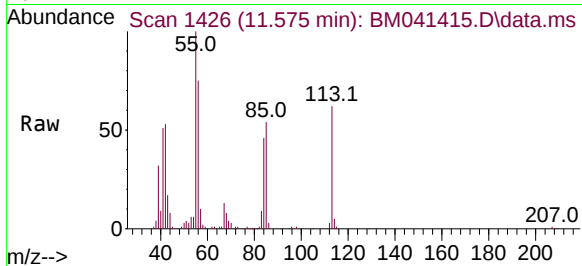




#35
Caprolactam
Concen: 41.059 ng
RT: 11.575 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

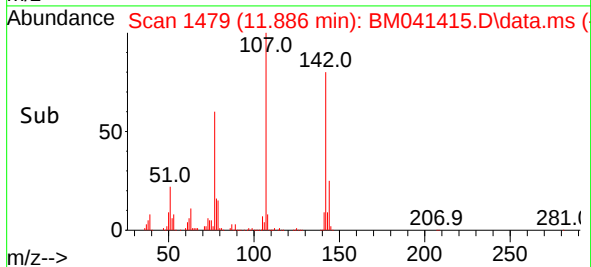
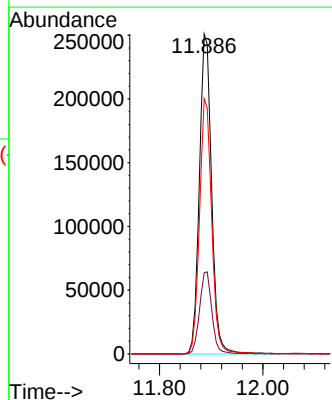
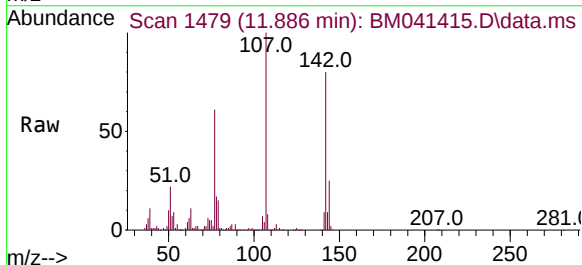
Instrument :
BNA_M
ClientSampleId :
PB154790BS

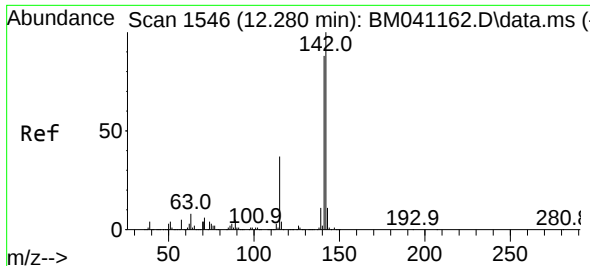
Tgt Ion:113 Resp: 110684
Ion Ratio Lower Upper
113 100
55 162.5 162.5 202.5#
56 121.5 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 41.973 ng
RT: 11.886 min Scan# 1479
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:107 Resp: 411676
Ion Ratio Lower Upper
107 100
144 25.4 20.1 30.1
142 79.7 62.2 93.4

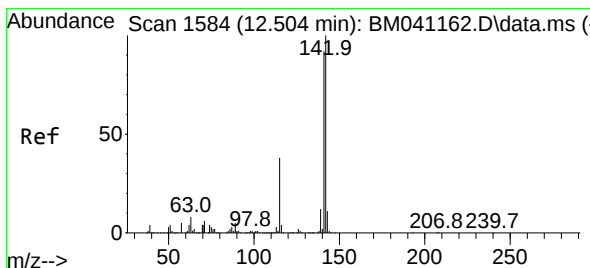
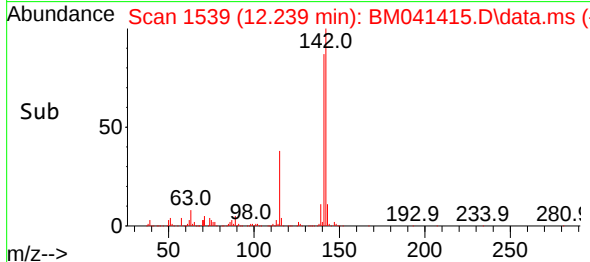
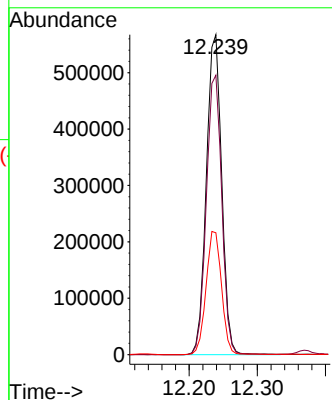
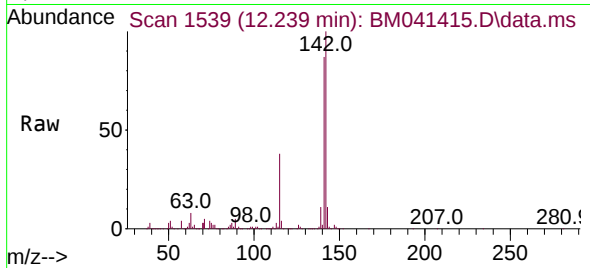




#37
2-Methylnaphthalene
Concen: 39.228 ng
RT: 12.239 min Scan# 1539
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

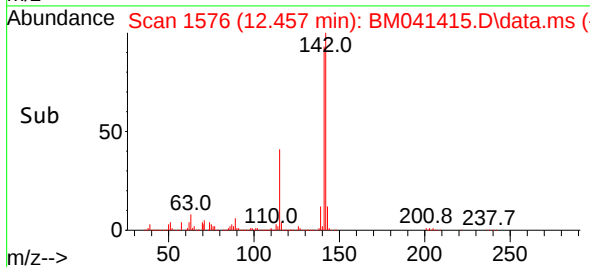
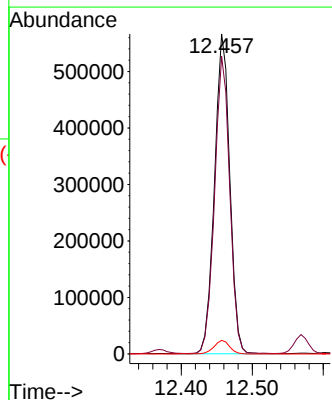
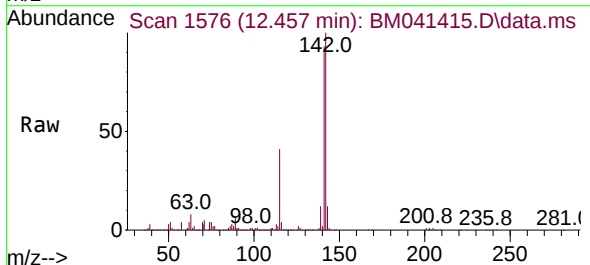
Instrument :
BNA_M
ClientSampleId :
PB154790BS

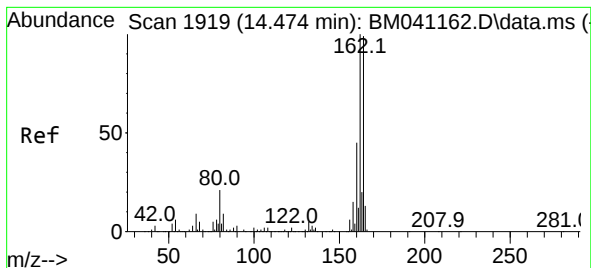
Tgt Ion:142 Resp: 886551
Ion Ratio Lower Upper
142 100
141 87.3 70.7 106.1
115 38.1 29.3 43.9



#38
1-Methylnaphthalene
Concen: 40.020 ng
RT: 12.457 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:142 Resp: 846518
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.2
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

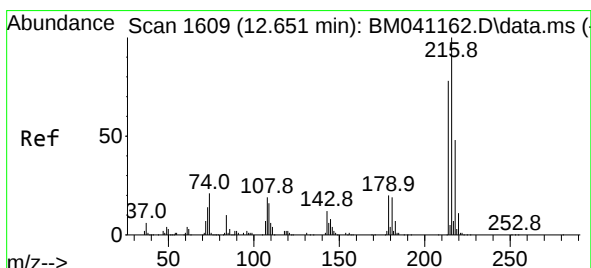
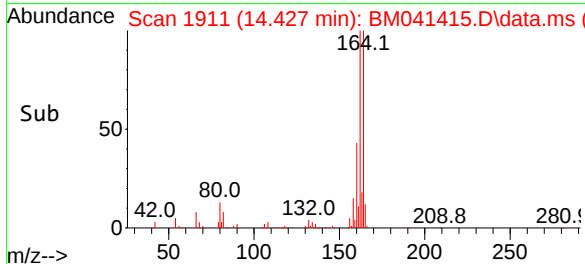
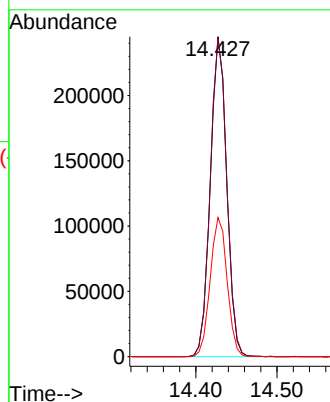
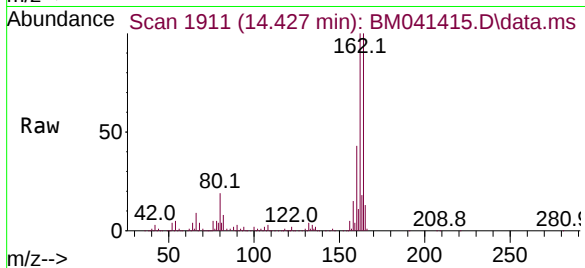
Tgt Ion:164 Resp: 343426

Ion Ratio Lower Upper

164 100

162 99.7 80.4 120.6

160 43.5 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.559 ng

RT: 12.604 min Scan# 1601

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Tgt Ion:216 Resp: 530356

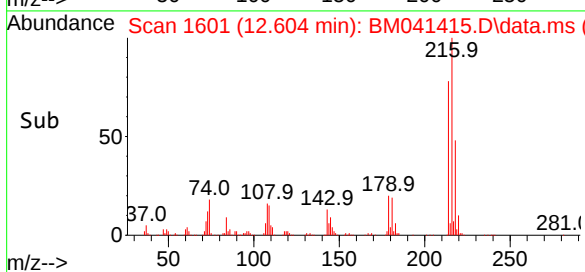
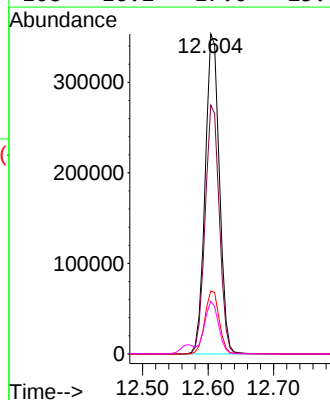
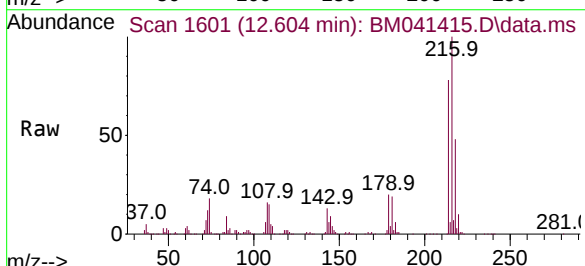
Ion Ratio Lower Upper

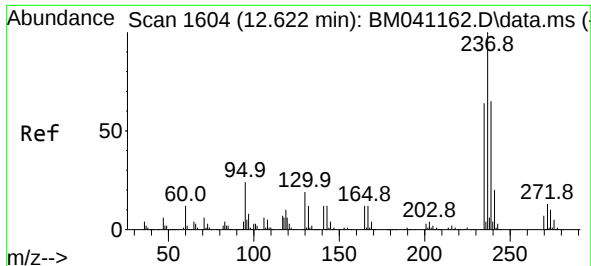
216 100

214 77.9 63.2 94.8

179 19.8 16.2 24.2

108 16.2 17.0 25.4#

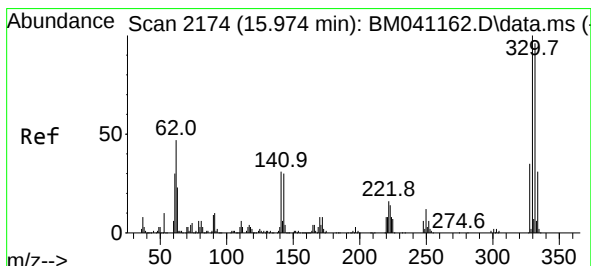
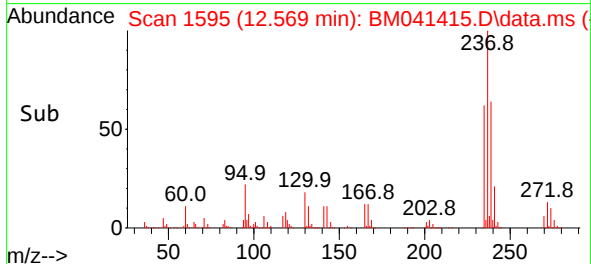
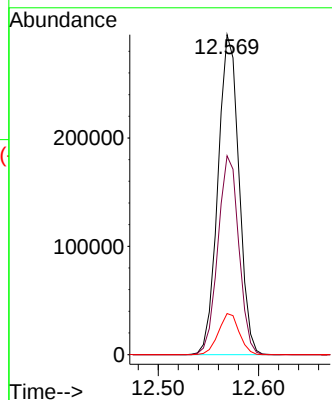
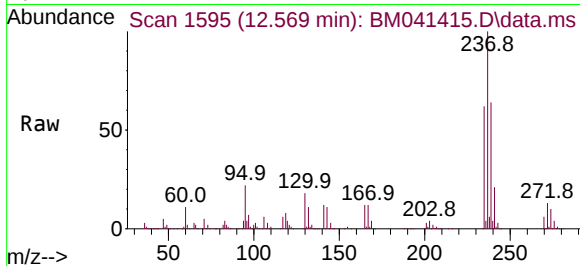




#41
Hexachlorocyclopentadiene
Concen: 72.675 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

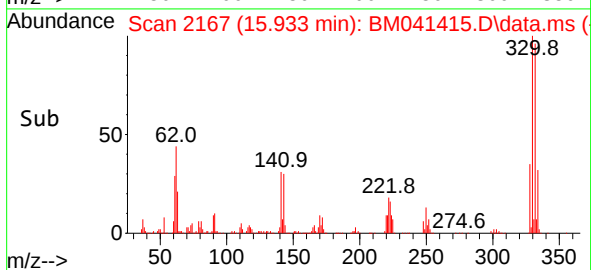
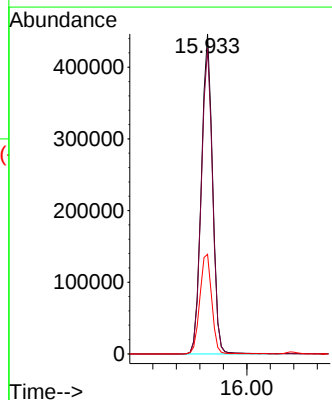
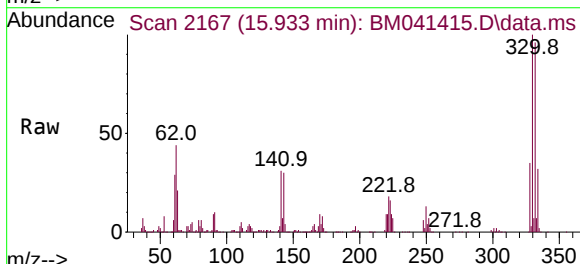
Instrument :
BNA_M
ClientSampleId :
PB154790BS

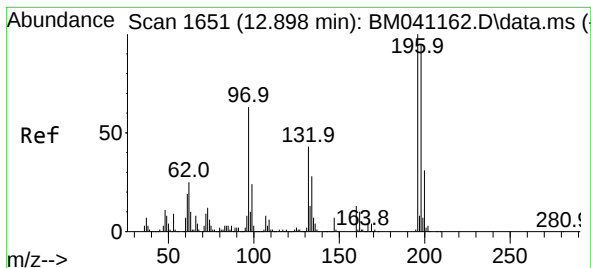
Tgt Ion:237 Resp: 428758
Ion Ratio Lower Upper
237 100
235 62.1 43.6 83.6
272 12.8 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 121.185 ng
RT: 15.933 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:330 Resp: 588665
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 33.1 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 47.477 ng

RT: 12.863 min Scan# 1645

Delta R.T. -0.012 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

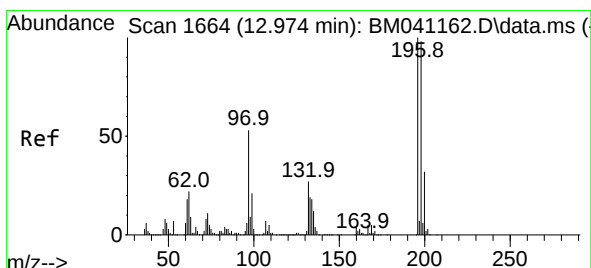
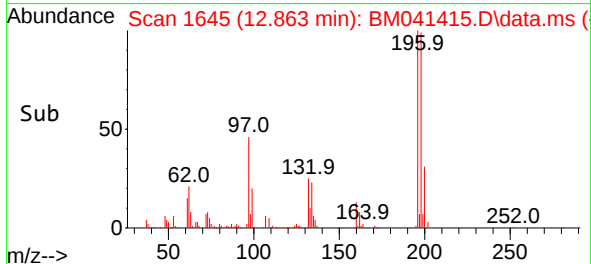
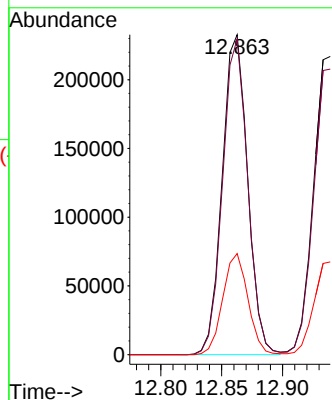
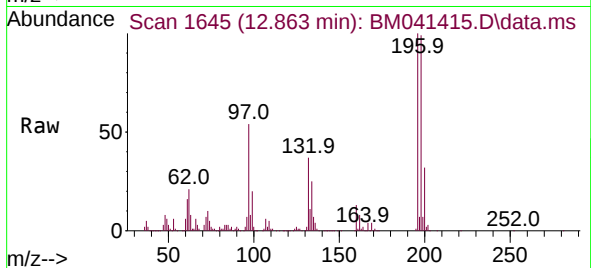
Tgt Ion:196 Resp: 339337

Ion Ratio Lower Upper

196 100

198 98.7 76.2 114.4

200 31.6 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 44.135 ng

RT: 12.939 min Scan# 1658

Delta R.T. -0.012 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Tgt Ion:196 Resp: 365109

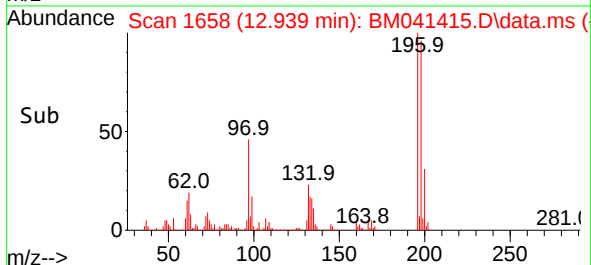
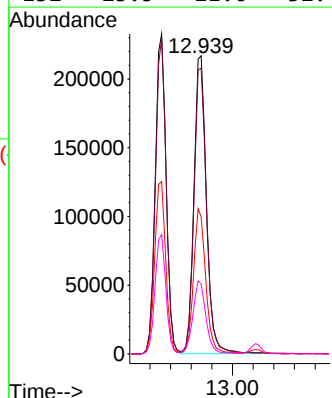
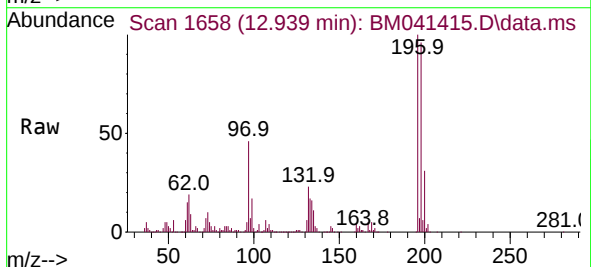
Ion Ratio Lower Upper

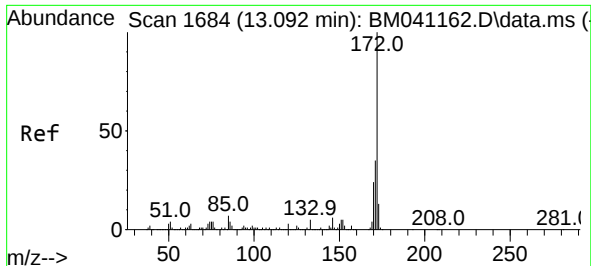
196 100

198 95.8 78.2 117.4

97 45.9 42.7 64.1

132 23.5 21.6 32.4

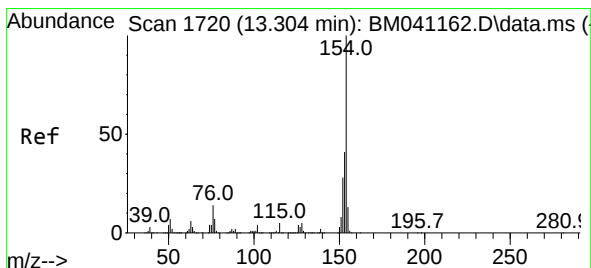
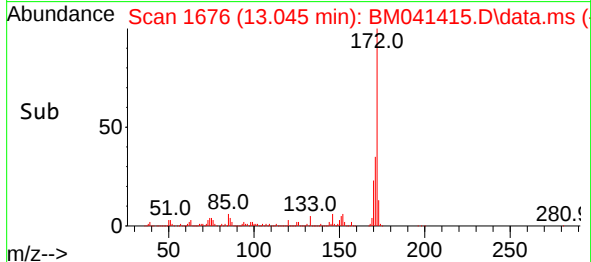
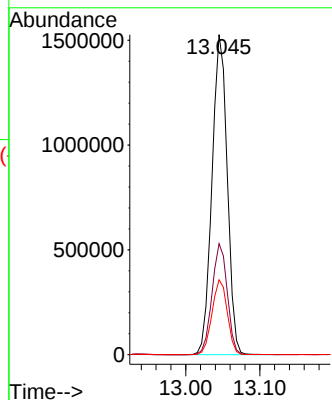
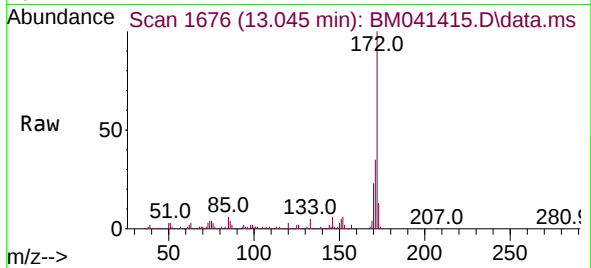




#45
2-Fluorobiphenyl
Concen: 80.129 ng
RT: 13.045 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

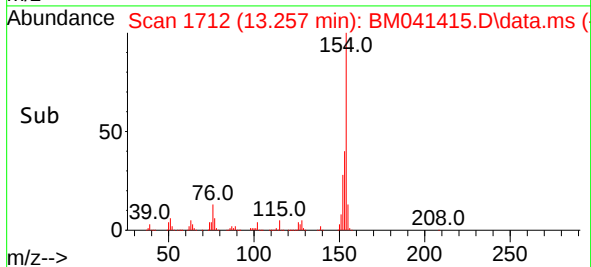
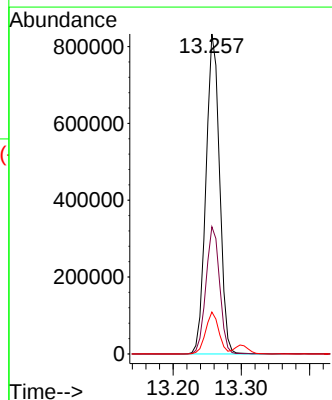
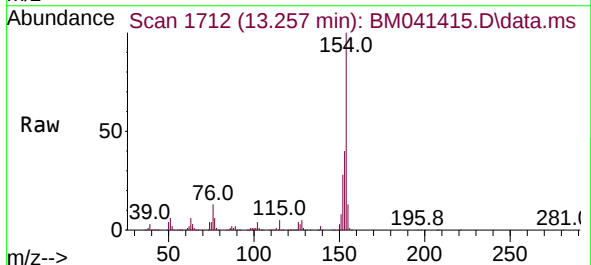
Instrument :
BNA_M
ClientSampleId :
PB154790BS

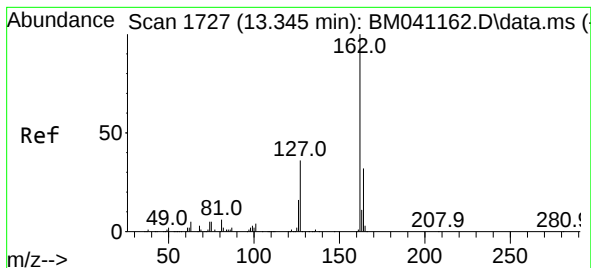
Tgt Ion:172 Resp: 2178393
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.537 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:154 Resp: 1156439
Ion Ratio Lower Upper
154 100
153 39.7 20.5 60.5
76 13.1 0.0 34.1

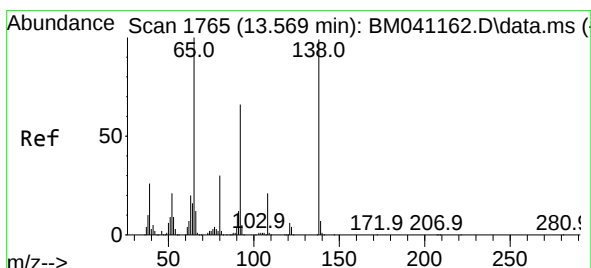
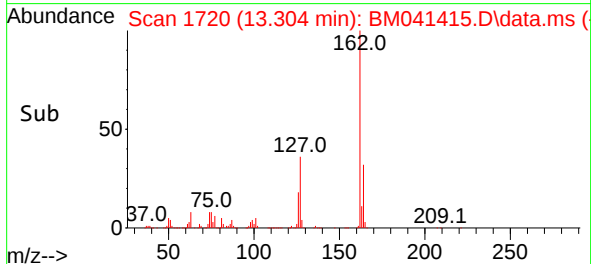
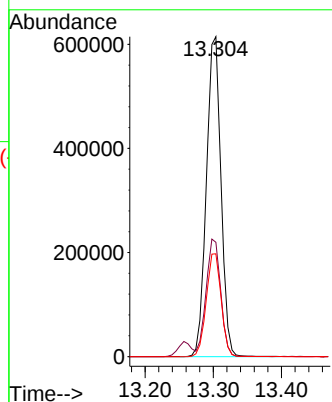
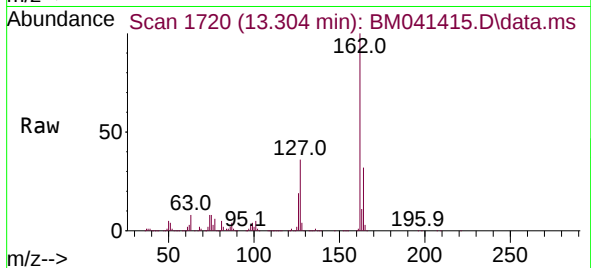




#47
2-Chloronaphthalene
Concen: 43.966 ng
RT: 13.304 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

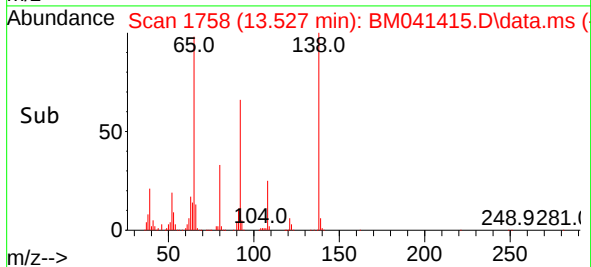
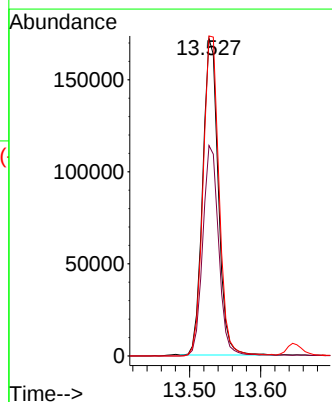
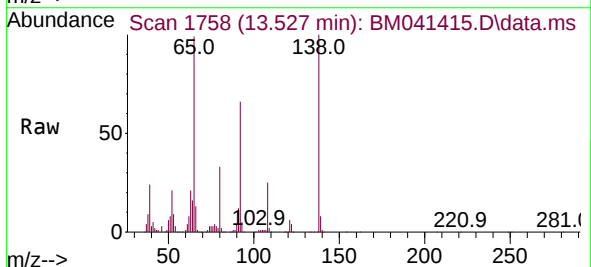
Instrument :
BNA_M
ClientSampleId :
PB154790BS

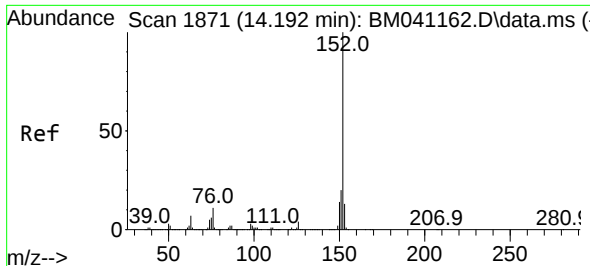
Tgt Ion:162 Resp: 913964
Ion Ratio Lower Upper
162 100
127 35.7 30.6 45.8
164 32.1 25.6 38.4



#48
2-Nitroaniline
Concen: 39.136 ng
RT: 13.527 min Scan# 1758
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion: 65 Resp: 259691
Ion Ratio Lower Upper
65 100
92 66.3 53.0 79.4
138 100.9 79.1 118.7

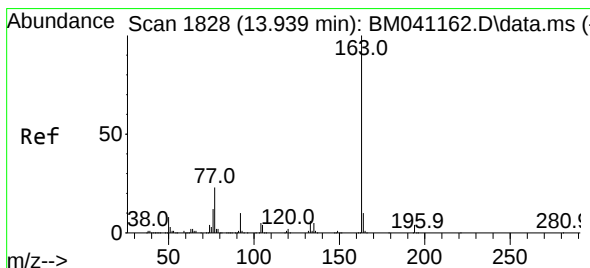
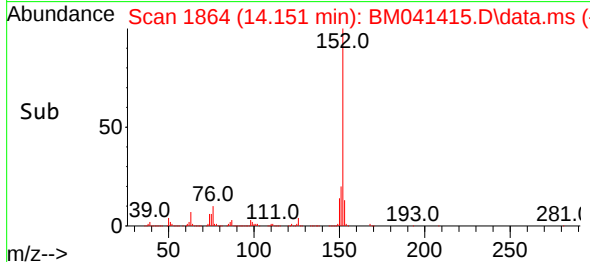
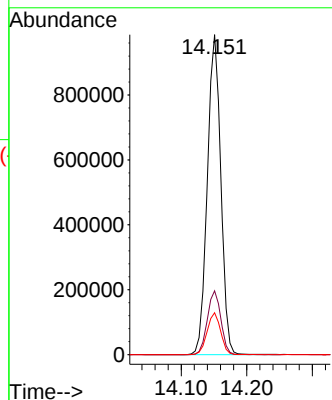
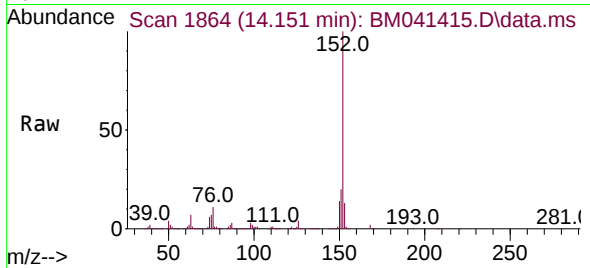




#49
Acenaphthylene
Concen: 41.733 ng
RT: 14.151 min Scan# 1864
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

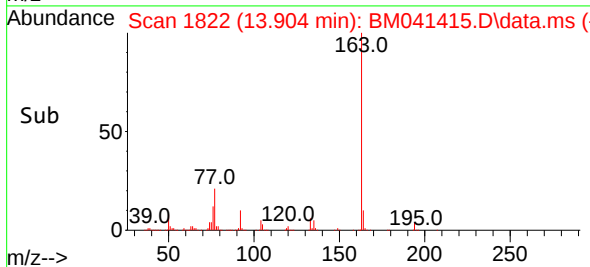
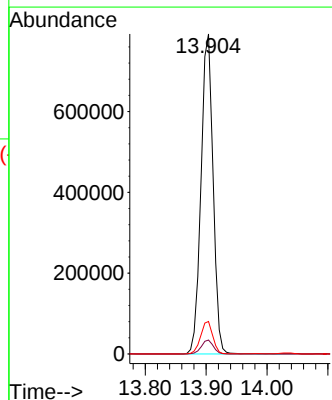
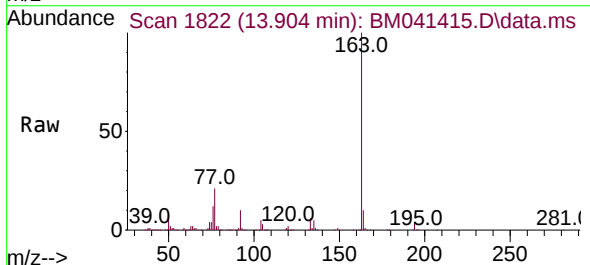
Instrument :
BNA_M
ClientSampleId :
PB154790BS

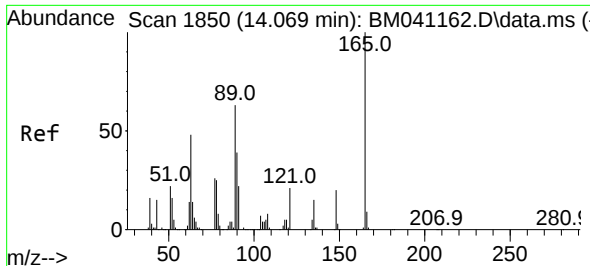
Tgt Ion:152 Resp: 1400295
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 42.034 ng
RT: 13.904 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:163 Resp: 1085877
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 43.993 ng

RT: 14.033 min Scan# 1850

Delta R.T. -0.012 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

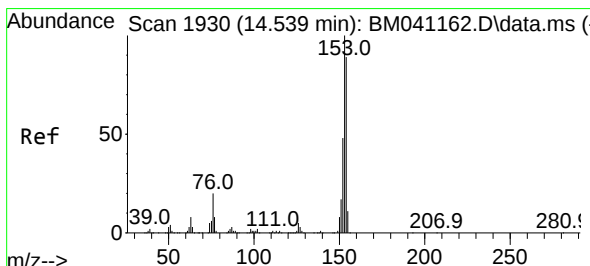
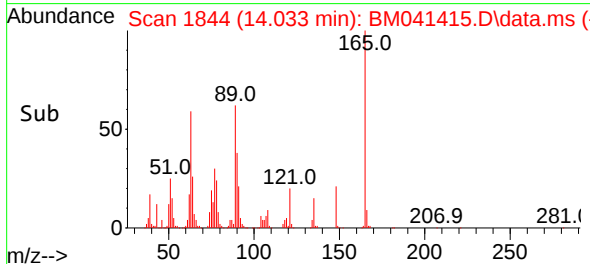
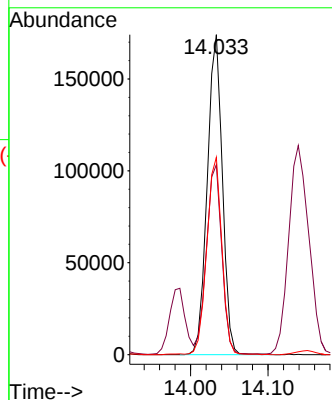
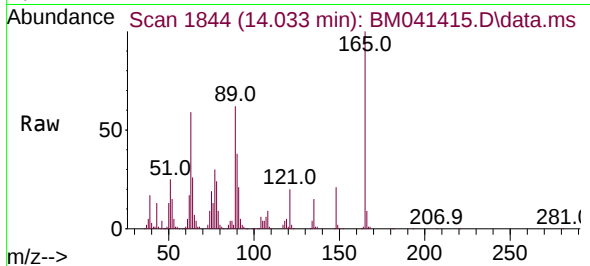
Tgt Ion:165 Resp: 235479

Ion Ratio Lower Upper

165 100

63 59.3 50.9 76.3

89 61.6 50.6 76.0



#52

Acenaphthene

Concen: 39.788 ng

RT: 14.492 min Scan# 1922

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

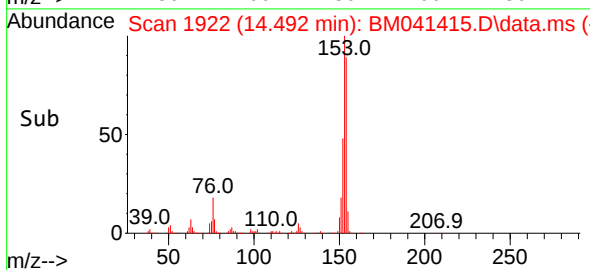
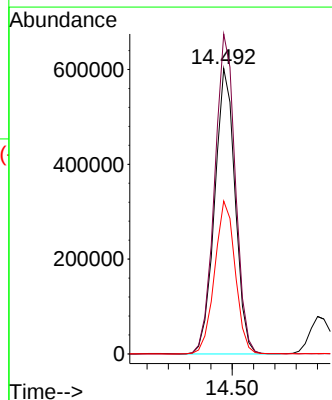
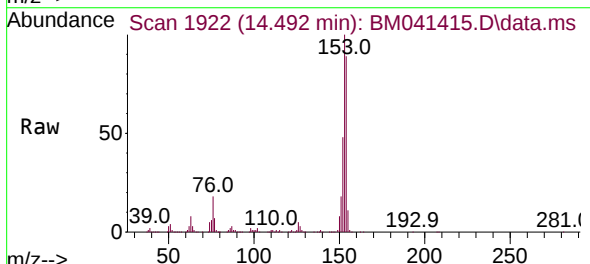
Tgt Ion:154 Resp: 804270

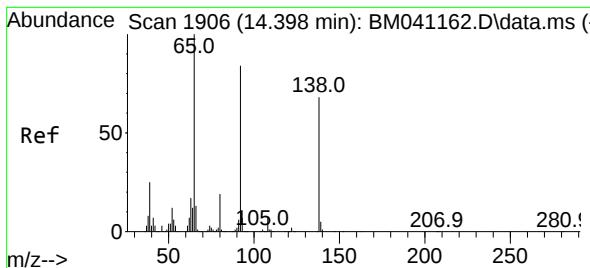
Ion Ratio Lower Upper

154 100

153 112.1 90.2 135.4

152 53.6 43.4 65.0

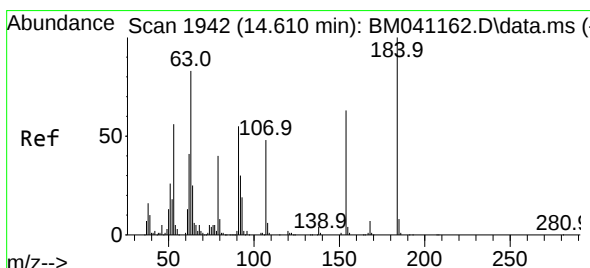
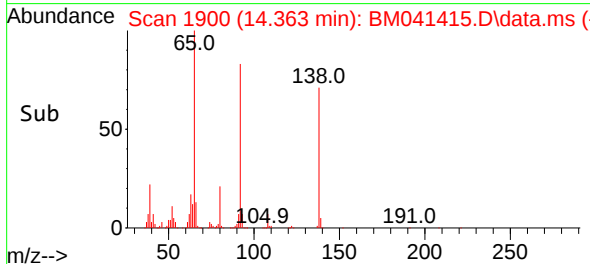
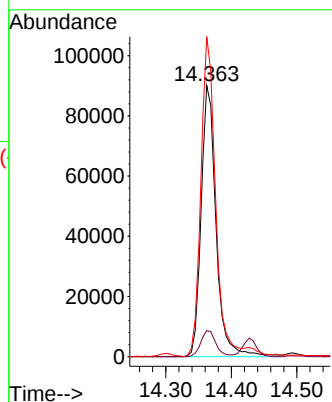
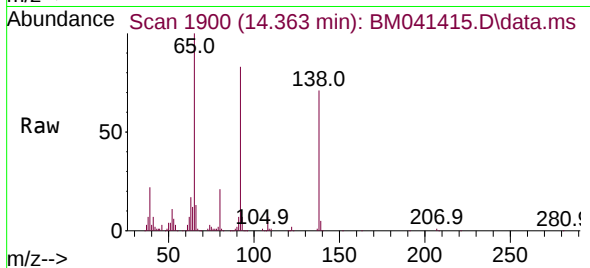




#53
3-Nitroaniline
Concen: 24.189 ng
RT: 14.363 min Scan# 1906
Delta R.T. -0.018 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

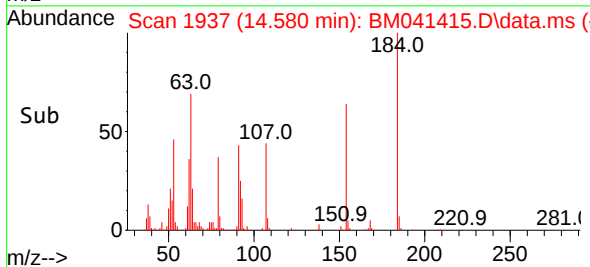
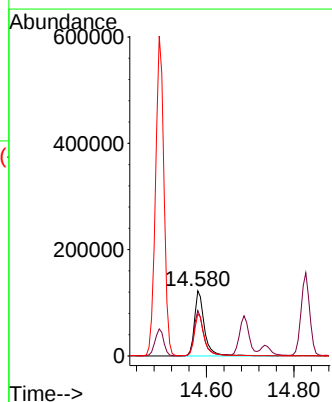
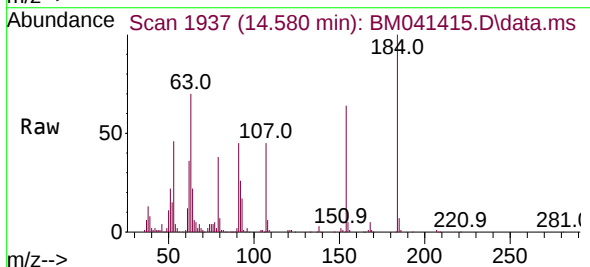
Instrument :
BNA_M
ClientSampleId :
PB154790BS

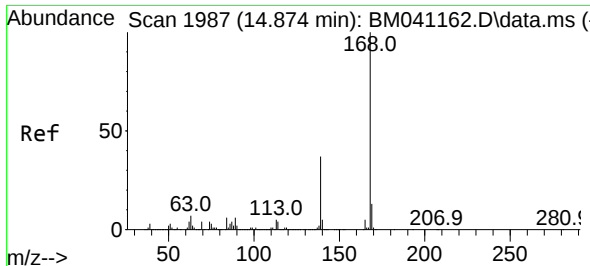
Tgt Ion:138 Resp: 141456
Ion Ratio Lower Upper
138 100
108 9.6 7.6 11.4
92 118.1 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 55.259 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.018 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:184 Resp: 192704
Ion Ratio Lower Upper
184 100
63 69.8 66.5 99.7
154 64.4 52.8 79.2

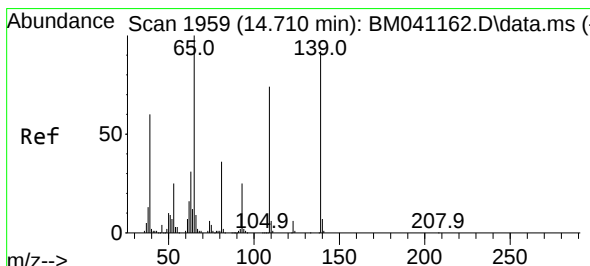
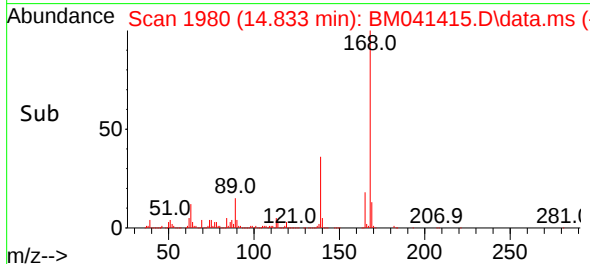
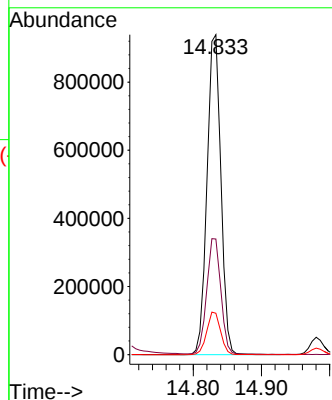
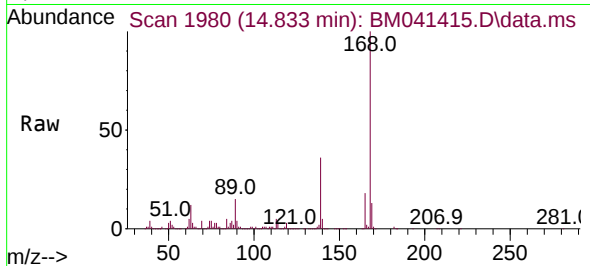




#55
Dibenzenofuran
Concen: 40.211 ng
RT: 14.833 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

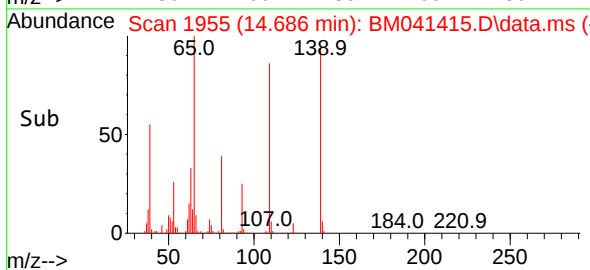
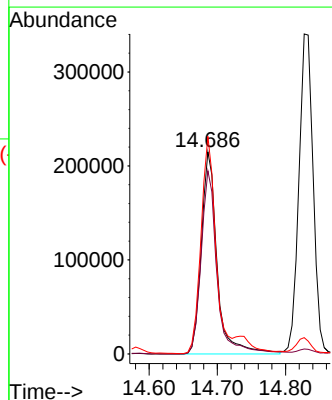
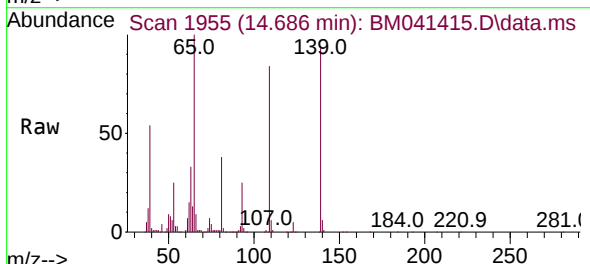
Instrument :
BNA_M
ClientSampleId :
PB154790BS

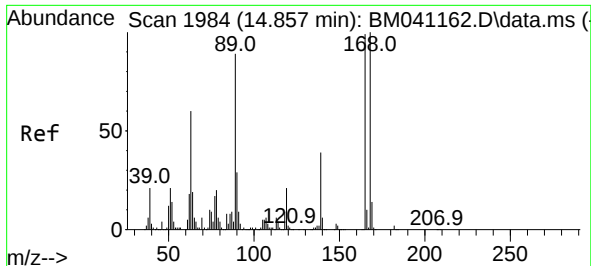
Tgt Ion:168 Resp: 1326155
Ion Ratio Lower Upper
168 100
139 36.1 29.8 44.6
169 12.9 10.5 15.7



#56
4-Nitrophenol
Concen: 77.812 ng
RT: 14.686 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:139 Resp: 347117
Ion Ratio Lower Upper
139 100
109 90.6 61.2 101.2
65 107.7 89.5 129.5

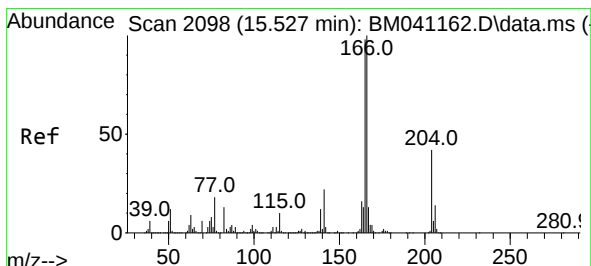
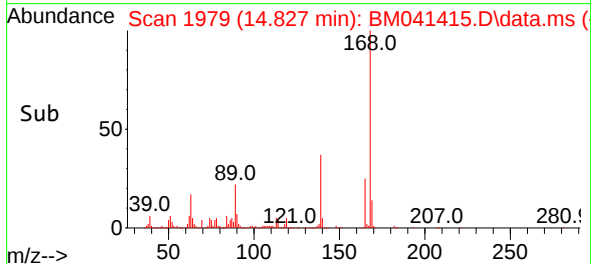
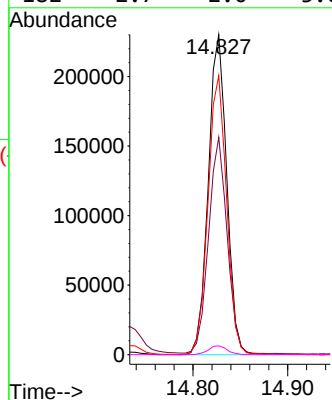
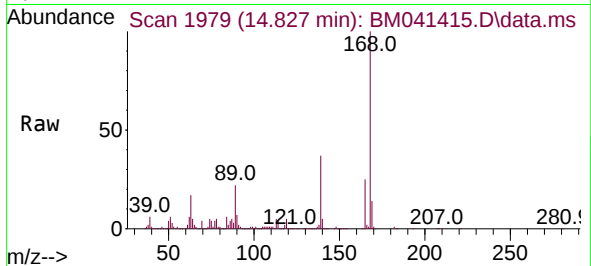




#57
2,4-Dinitrotoluene
Concen: 41.201 ng
RT: 14.827 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

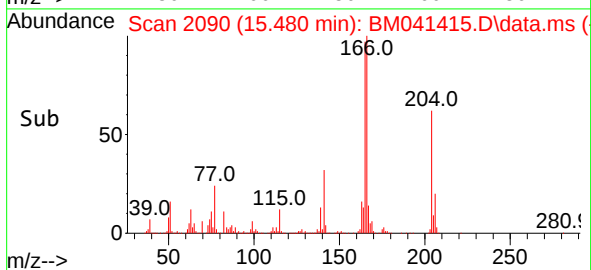
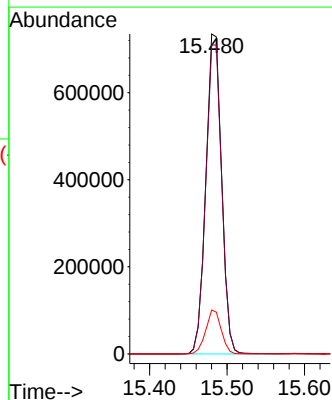
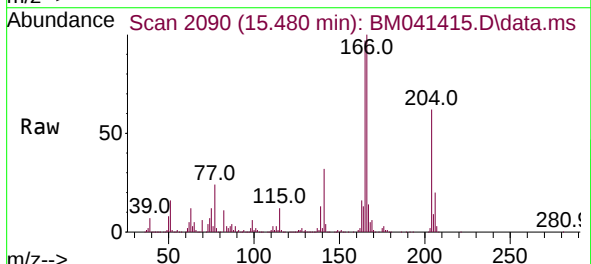
Instrument :
BNA_M
ClientSampleId :
PB154790BS

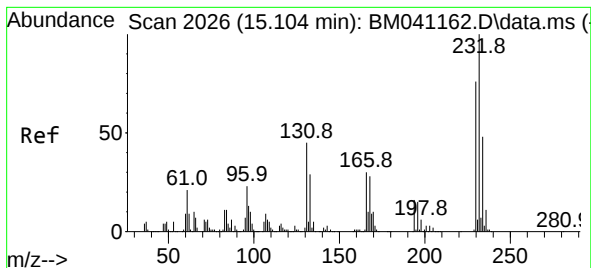
Tgt Ion:165 Resp: 311874
Ion Ratio Lower Upper
165 100
63 67.9 48.3 72.5
89 87.2 71.8 107.8
182 2.7 2.0 3.0



#58
Fluorene
Concen: 39.921 ng
RT: 15.480 min Scan# 2090
Delta R.T. -0.018 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:166 Resp: 1038644
Ion Ratio Lower Upper
166 100
165 96.5 78.2 117.4
167 13.7 10.6 16.0

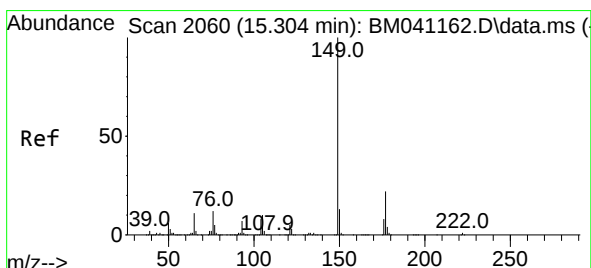
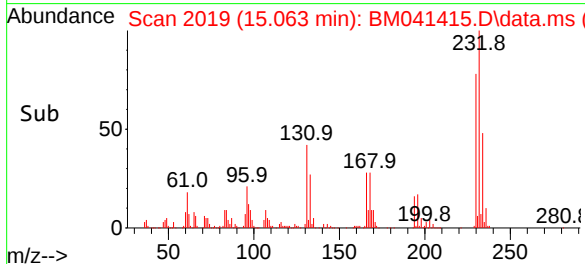
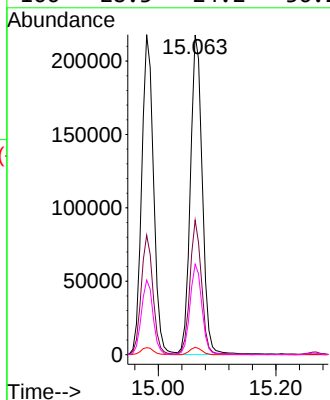
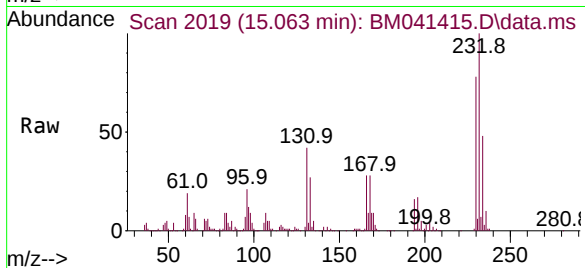




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.712 ng
RT: 15.063 min Scan# 20
Delta R.T. -0.018 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

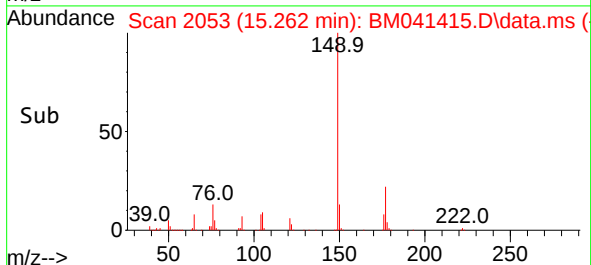
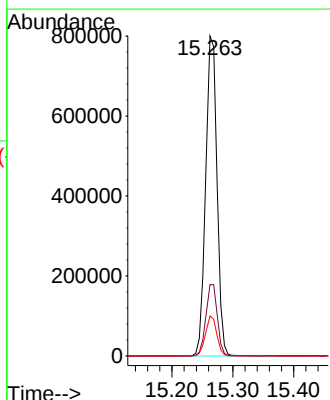
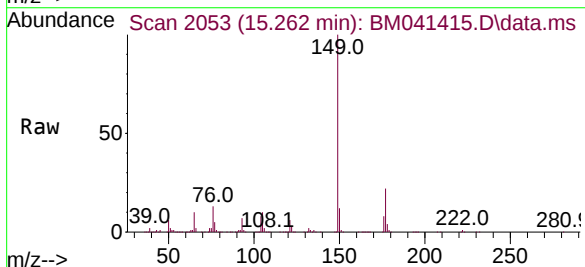
Instrument :
BNA_M
ClientSampleId :
PB154790BS

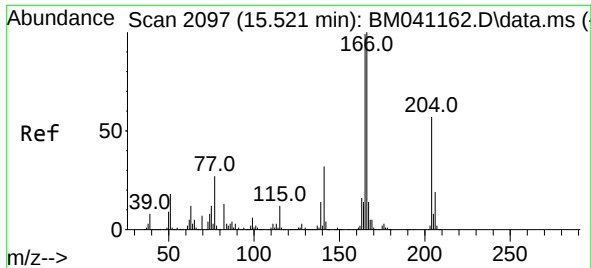
Tgt Ion:232 Resp: 306222
Ion Ratio Lower Upper
232 100
131 40.4 36.9 55.3
130 2.3 2.0 3.0
166 28.3 24.2 36.2



#60
Diethylphthalate
Concen: 41.354 ng
RT: 15.262 min Scan# 2053
Delta R.T. -0.018 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:149 Resp: 1033095
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.5 10.1 15.1

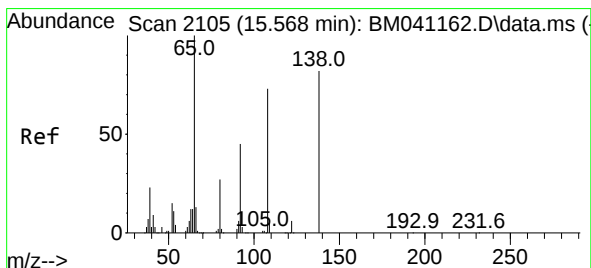
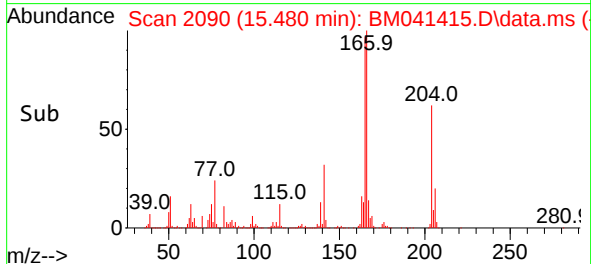
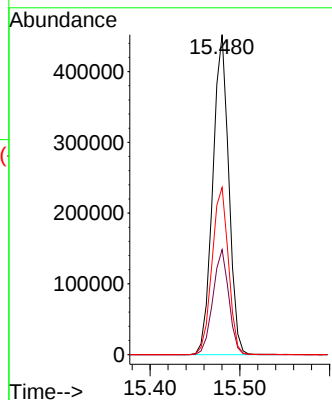
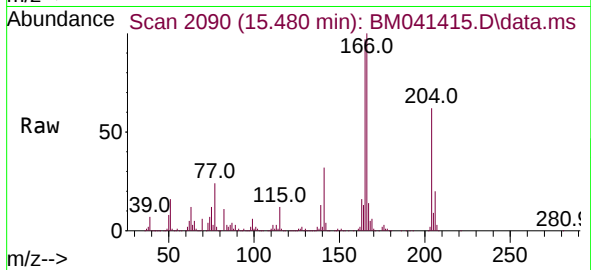




#61
4-Chlorophenyl-phenylether
Concen: 43.148 ng
RT: 15.480 min Scan# 2097
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

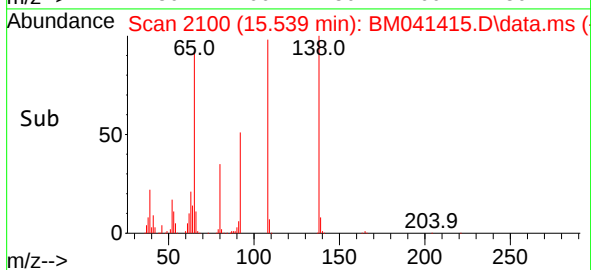
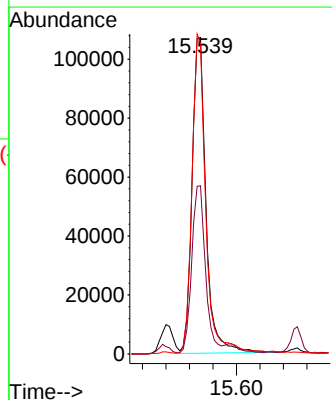
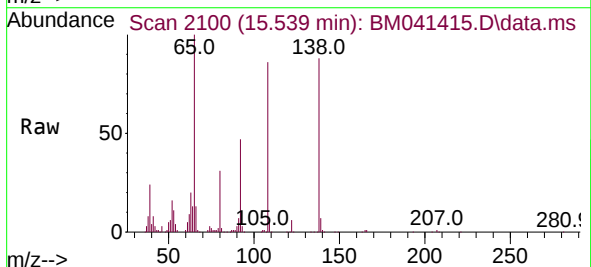
Instrument :
BNA_M
ClientSampleId :
PB154790BS

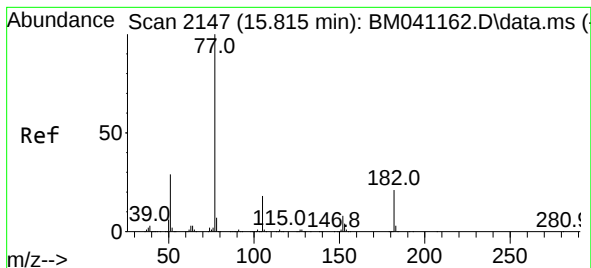
Tgt Ion:204 Resp: 562539
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 52.2 44.8 67.2



#62
4-Nitroaniline
Concen: 32.360 ng
RT: 15.539 min Scan# 2100
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:138 Resp: 176294
Ion Ratio Lower Upper
138 100
92 53.1 35.1 75.1
108 98.0 67.8 107.8





#63

Azobenzene

Concen: 37.451 ng

RT: 15.774 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

Tgt Ion: 77 Resp: 1024856

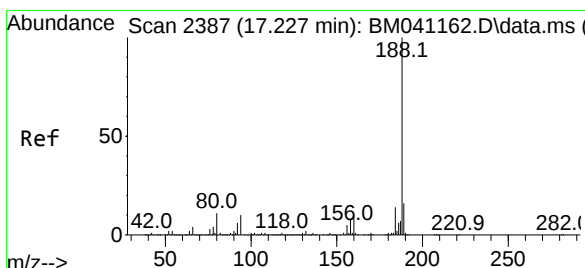
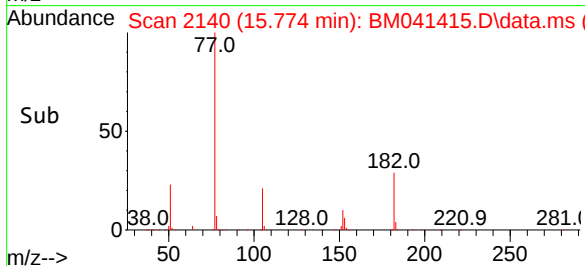
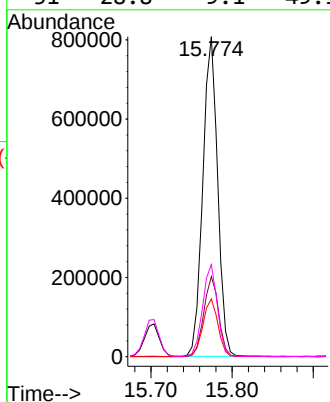
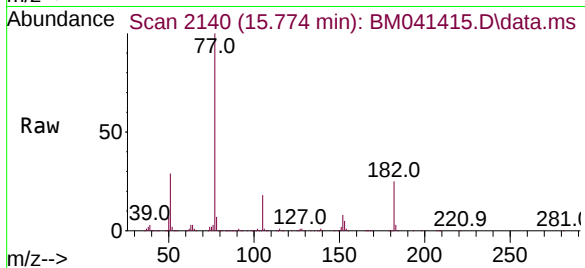
Ion Ratio Lower Upper

77 100

182 25.0 1.3 41.3

105 18.0 0.0 38.5

51 28.8 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2380

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

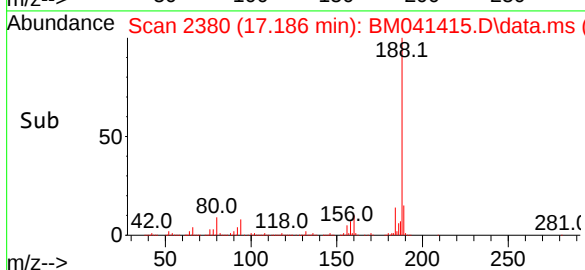
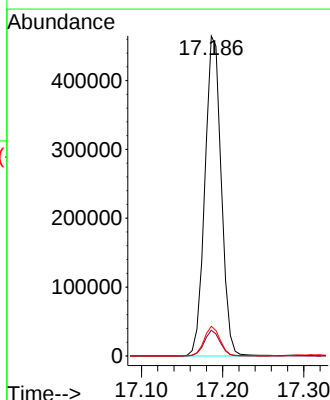
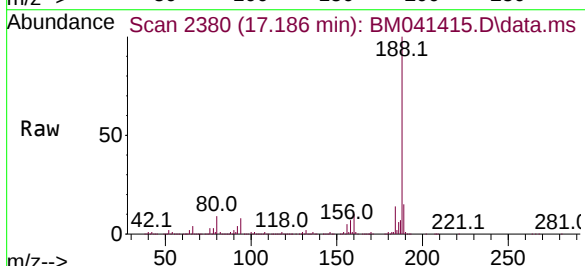
Tgt Ion: 188 Resp: 651189

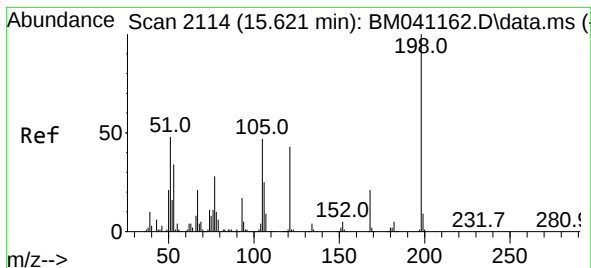
Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.2#

80 9.2 8.6 13.0

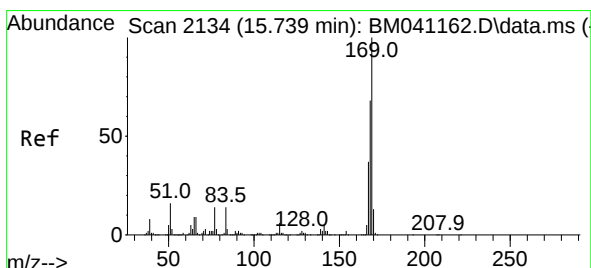
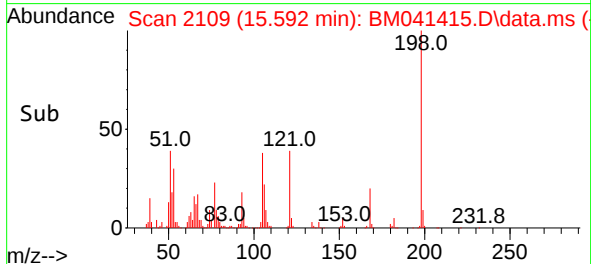
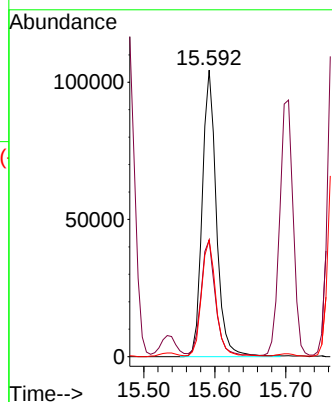
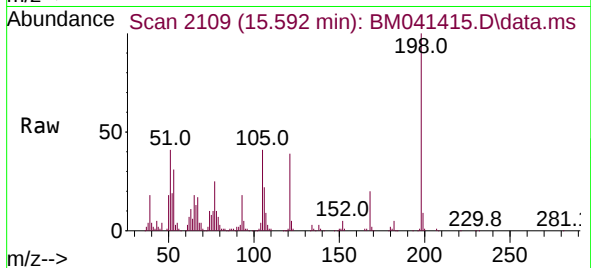




#65
4,6-Dinitro-2-methylphenol
Concen: 36.446 ng
RT: 15.592 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

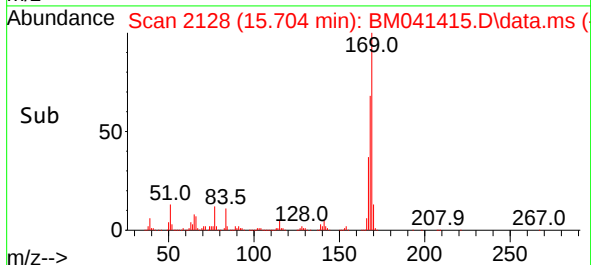
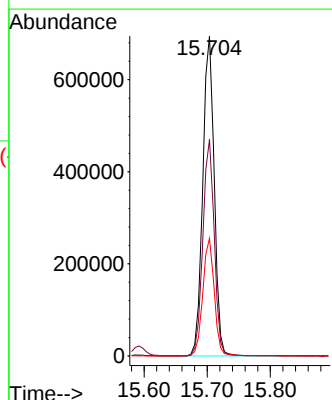
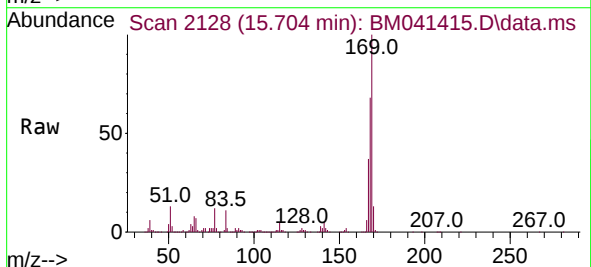
Instrument :
BNA_M
ClientSampleId :
PB154790BS

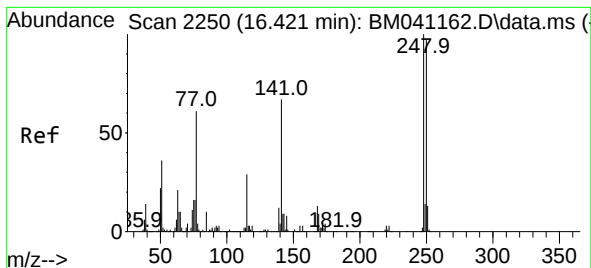
Tgt Ion:198 Resp: 143774
Ion Ratio Lower Upper
198 100
51 40.7 31.7 71.7
105 40.7 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 43.070 ng
RT: 15.704 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:169 Resp: 872280
Ion Ratio Lower Upper
169 100
168 67.6 54.6 81.8
167 36.7 29.9 44.9

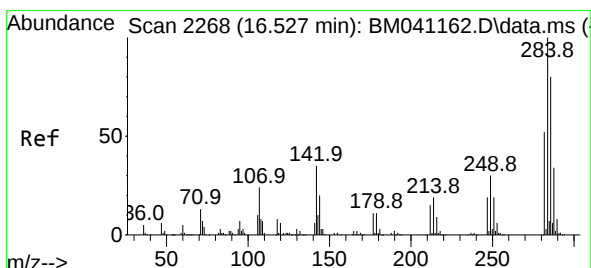
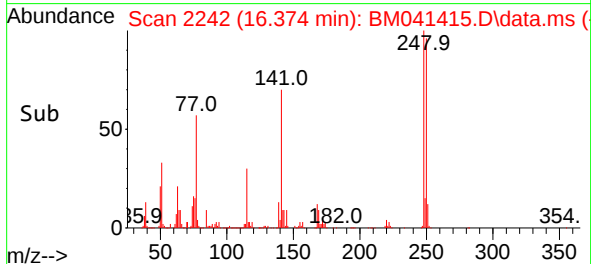
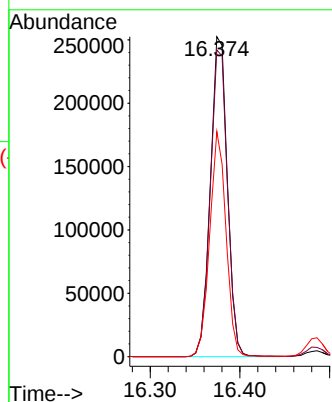
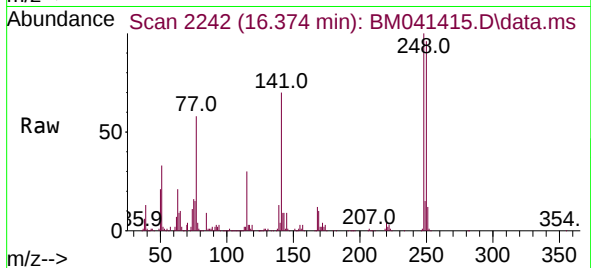




#67
4-Bromophenyl-phenylether
Concen: 46.593 ng
RT: 16.374 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

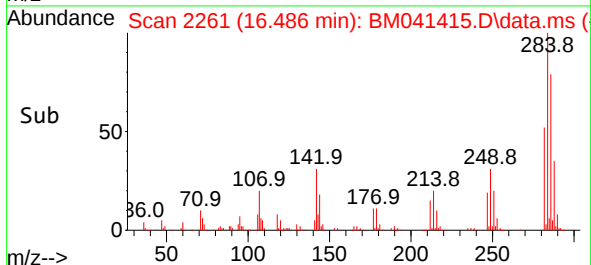
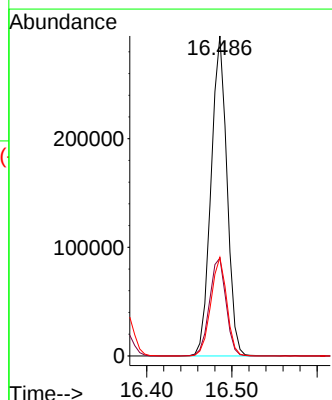
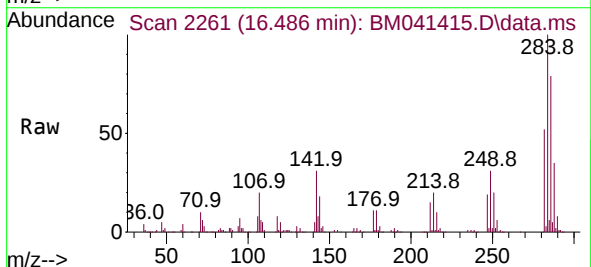
Instrument :
BNA_M
ClientSampleId :
PB154790BS

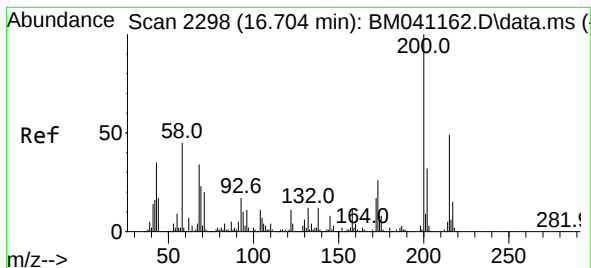
Tgt Ion:248 Resp: 332662
Ion Ratio Lower Upper
248 100
250 95.8 78.0 117.0
141 70.3 53.8 80.8



#68
Hexachlorobenzene
Concen: 48.078 ng
RT: 16.486 min Scan# 2261
Delta R.T. -0.018 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:284 Resp: 381697
Ion Ratio Lower Upper
284 100
142 30.6 28.0 42.0
249 30.8 23.7 35.5





#69

Atrazine

Concen: 58.317 ng

RT: 16.662 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

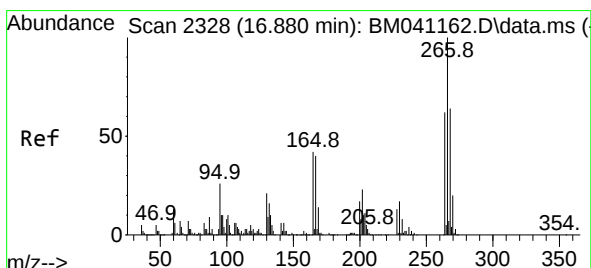
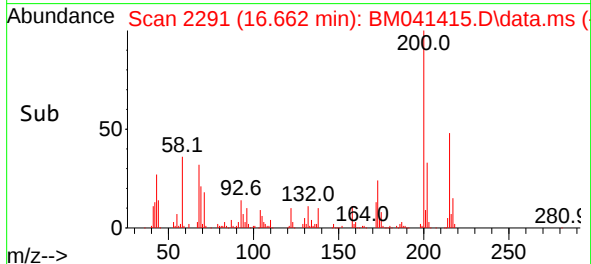
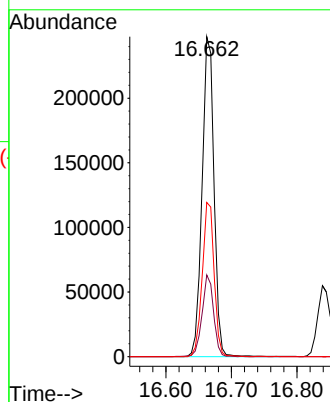
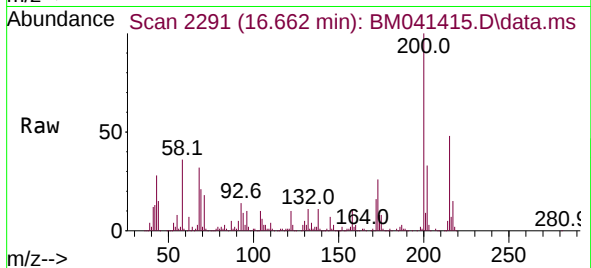
Tgt Ion:200 Resp: 310166

Ion Ratio Lower Upper

200 100

173 25.5 5.6 45.6

215 48.2 28.5 68.5



#70

Pentachlorophenol

Concen: 77.526 ng

RT: 16.839 min Scan# 2321

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

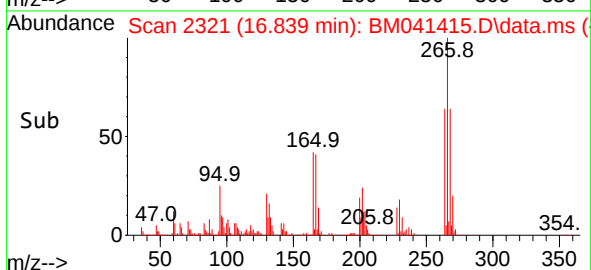
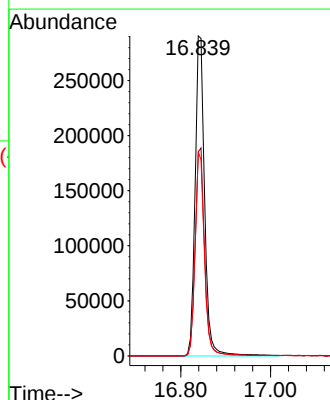
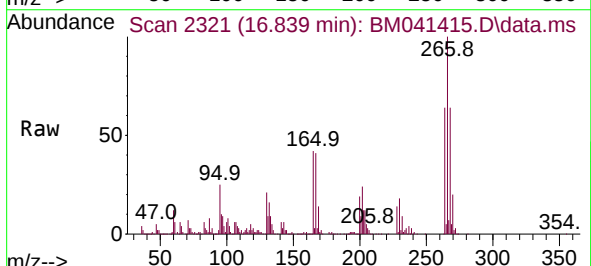
Tgt Ion:266 Resp: 426197

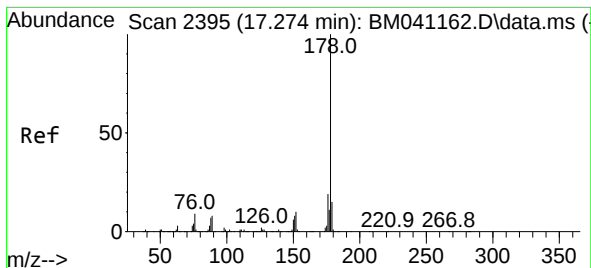
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.6

264 63.8 49.4 74.2





#71

Phenanthrene

Concen: 40.264 ng

RT: 17.233 min Scan# 2395

Delta R.T. -0.012 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

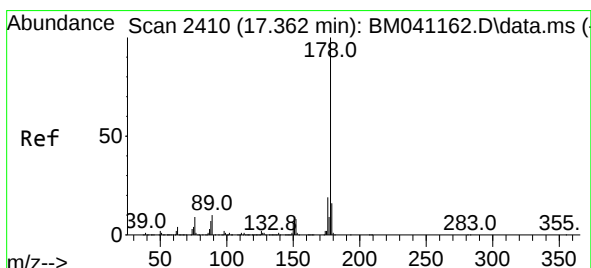
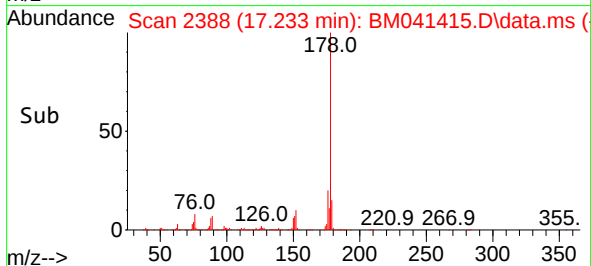
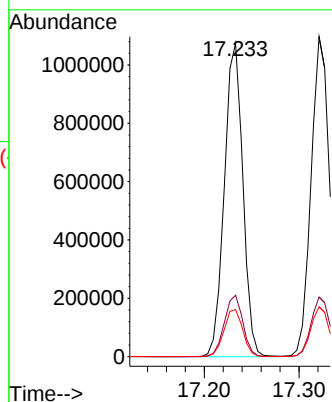
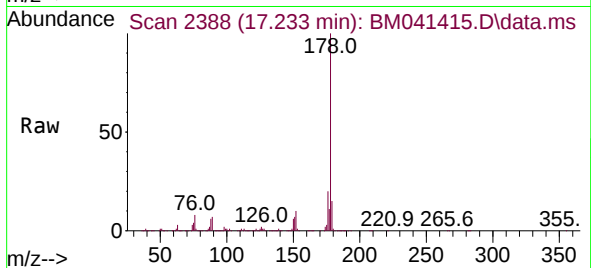
Tgt Ion:178 Resp: 1456771

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.0 12.1 18.1



#72

Anthracene

Concen: 41.670 ng

RT: 17.321 min Scan# 2403

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

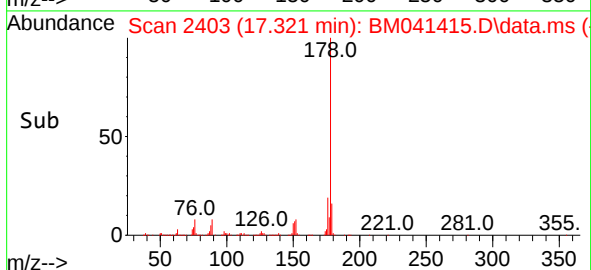
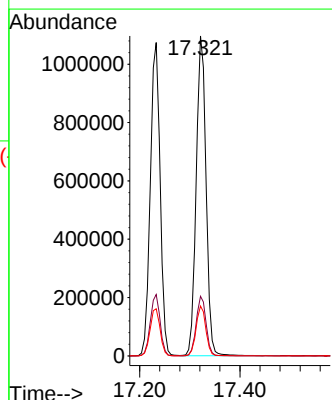
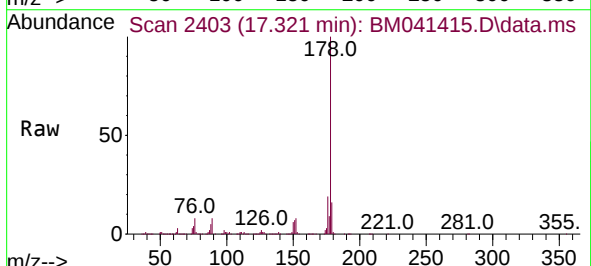
Tgt Ion:178 Resp: 1491093

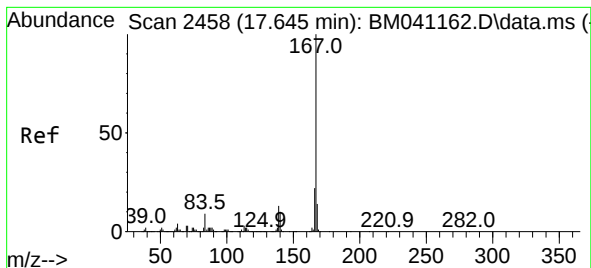
Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

179 15.6 12.4 18.6





#73

Carbazole

Concen: 40.389 ng

RT: 17.604 min Scan# 24

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

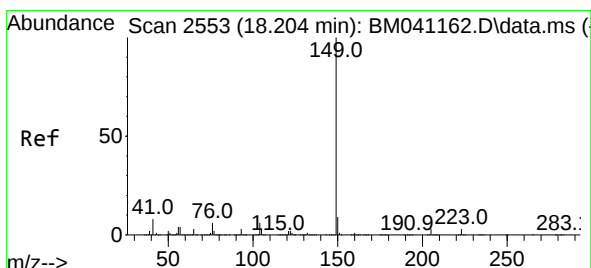
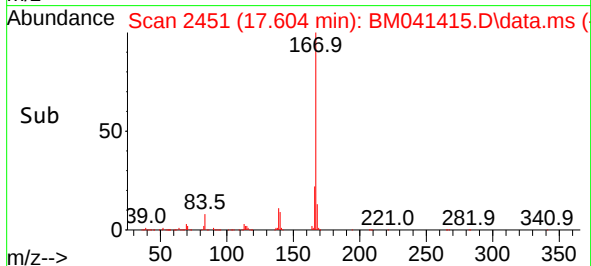
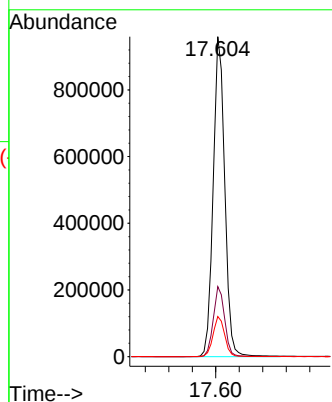
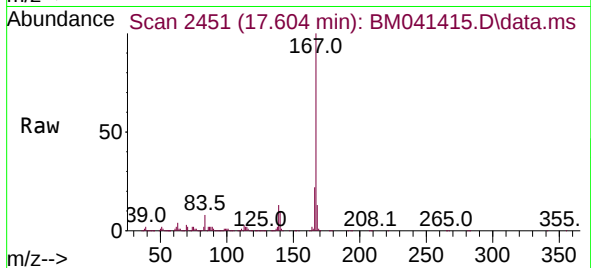
Tgt Ion:167 Resp: 1308074

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 12.5 10.3 15.5



#74

Di-n-butylphthalate

Concen: 43.488 ng

RT: 18.162 min Scan# 2546

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

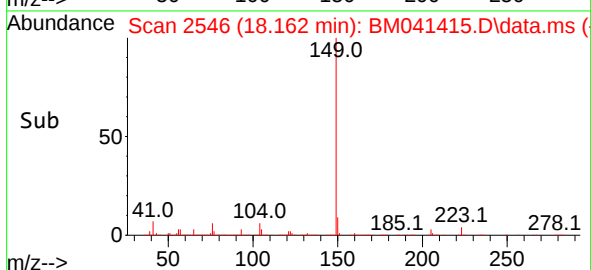
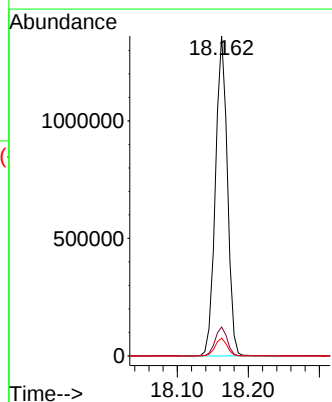
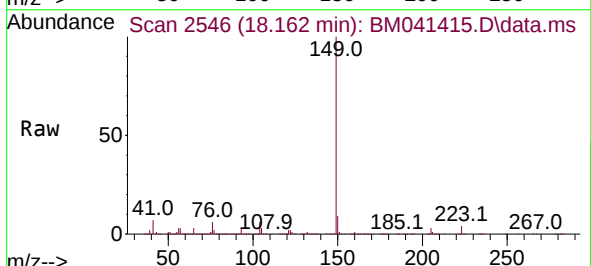
Tgt Ion:149 Resp: 1591584

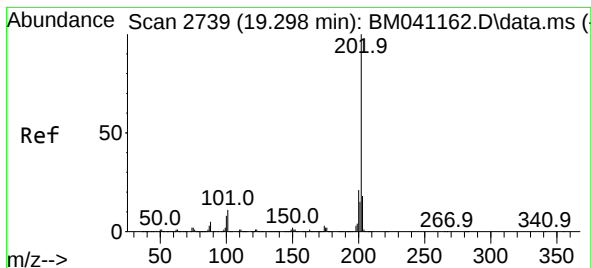
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 39.824 ng

RT: 19.256 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

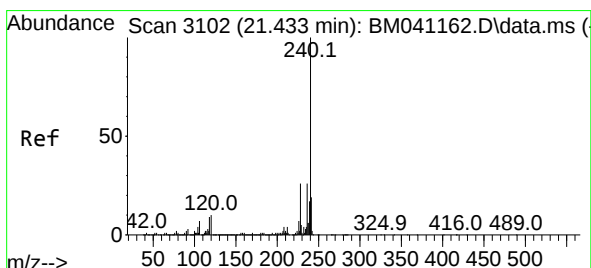
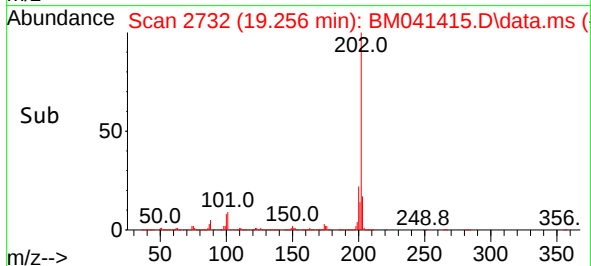
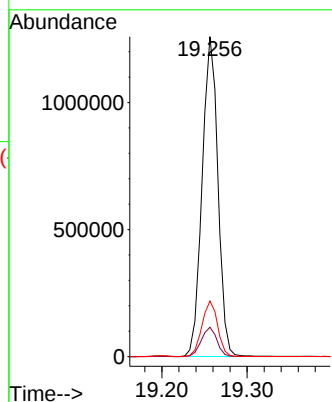
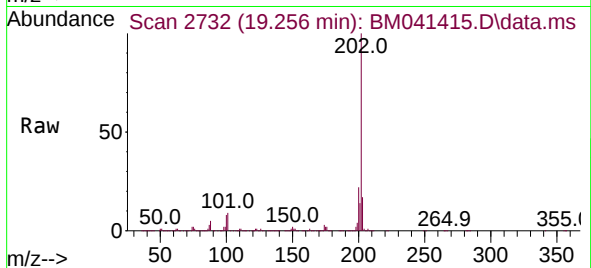
Tgt Ion:202 Resp: 1618752

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.8

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3095

Delta R.T. -0.024 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

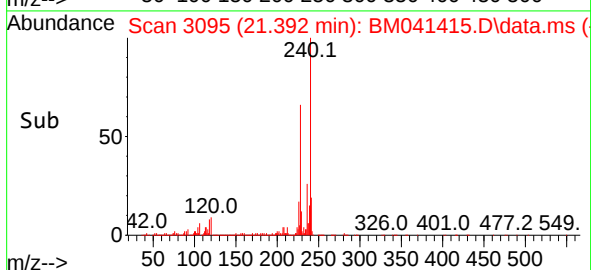
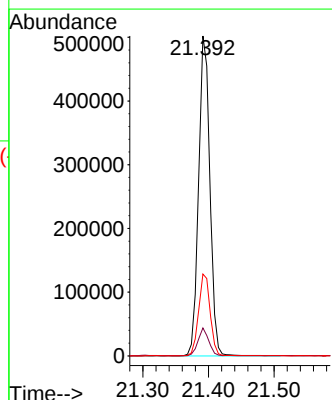
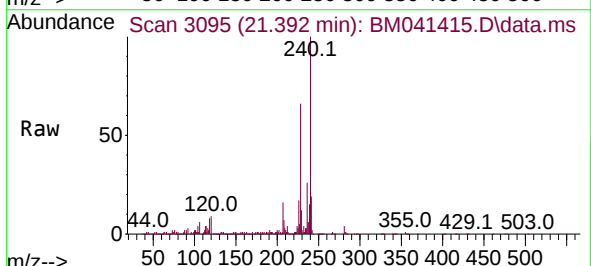
Tgt Ion:240 Resp: 596776

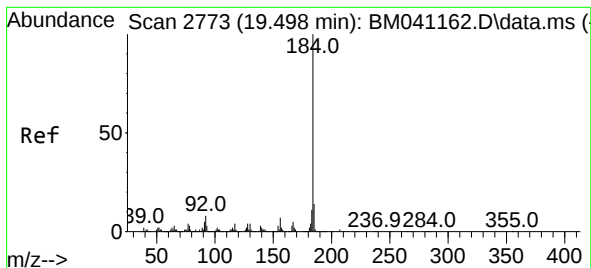
Ion Ratio Lower Upper

240 100

120 8.7 8.3 12.5

236 25.6 20.6 30.8





#77

Benzidine

Concen: 117.244 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

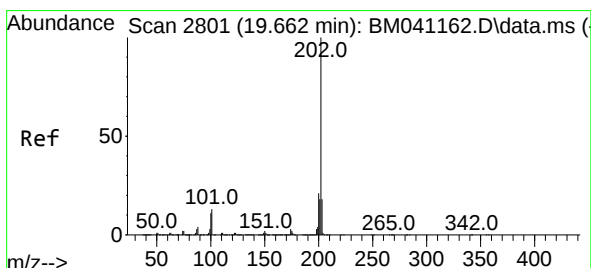
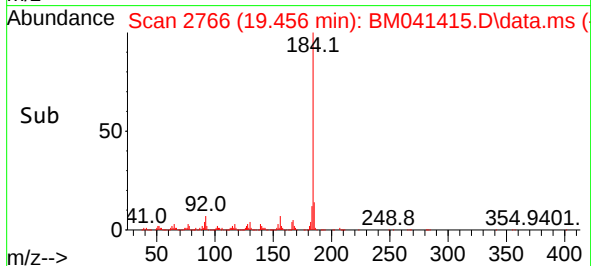
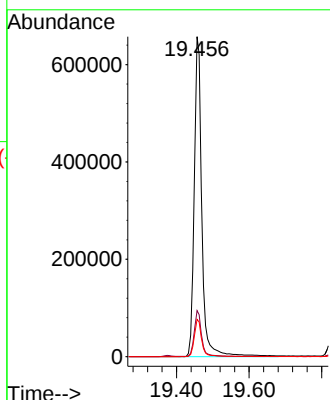
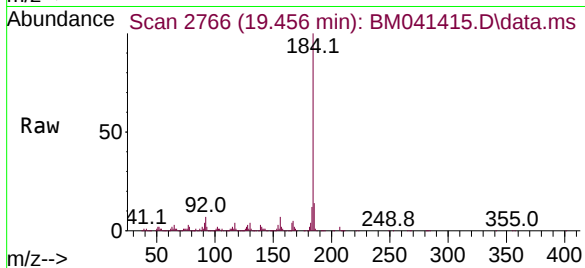
Tgt Ion:184 Resp: 953665

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

183 11.6 9.2 13.8



#78

Pyrene

Concen: 40.376 ng

RT: 19.621 min Scan# 2794

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

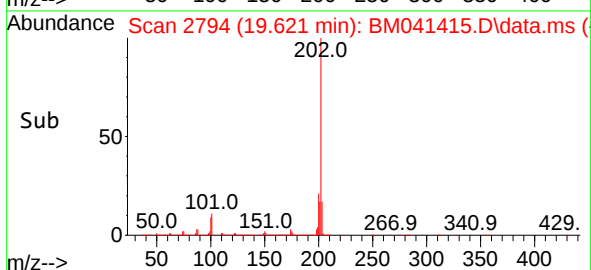
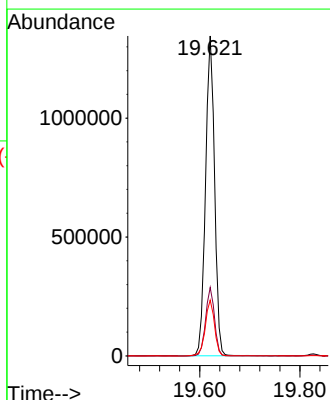
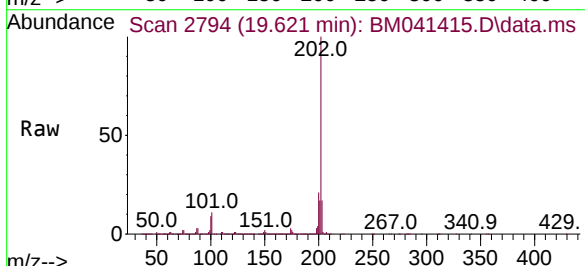
Tgt Ion:202 Resp: 1685027

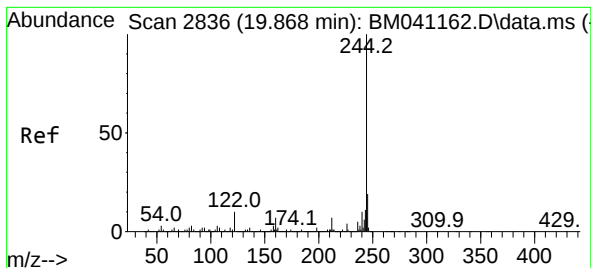
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 81.072 ng

RT: 19.827 min Scan# 2836

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

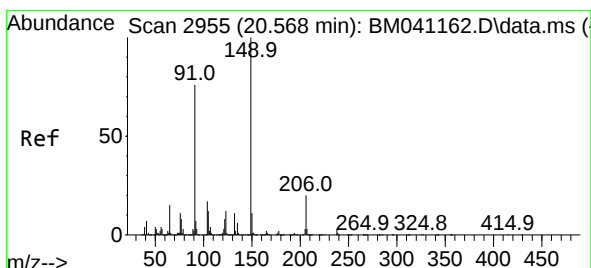
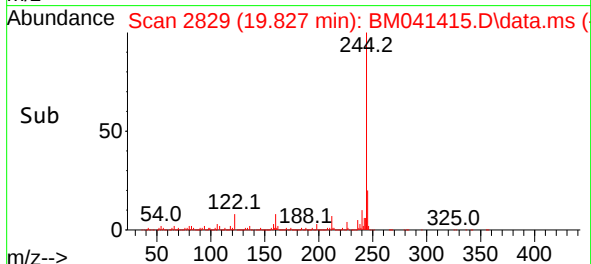
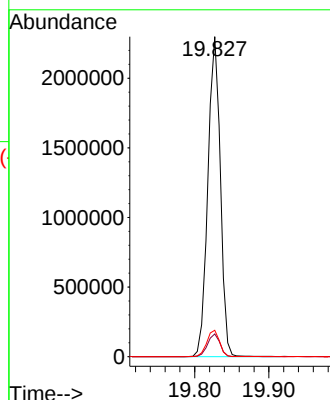
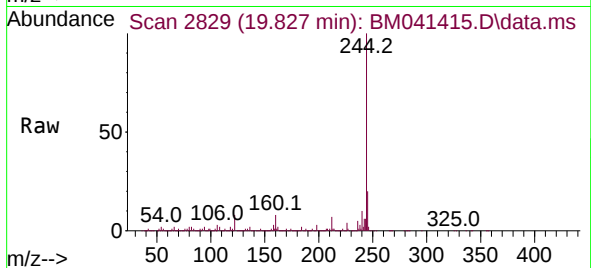
Tgt Ion:244 Resp: 2675904

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 8.2 7.8 11.6



#80

Butylbenzylphthalate

Concen: 42.177 ng

RT: 20.527 min Scan# 2948

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

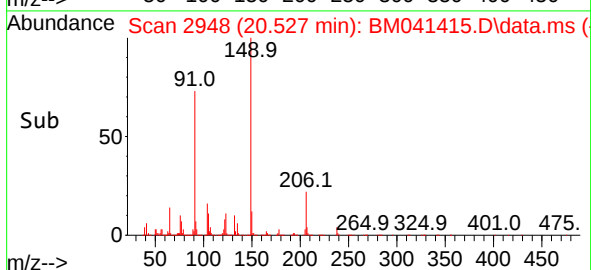
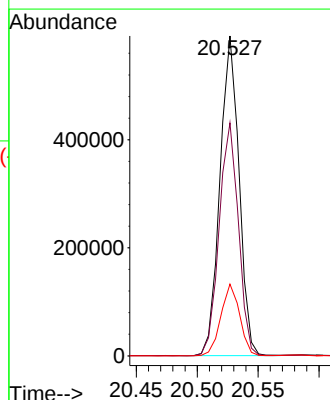
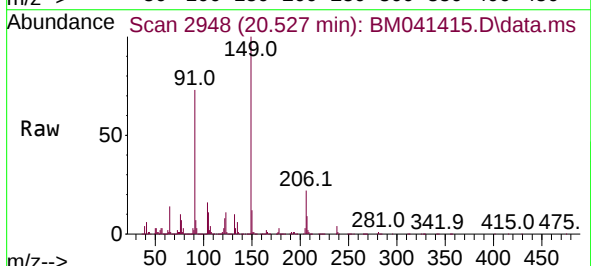
Tgt Ion:149 Resp: 642794

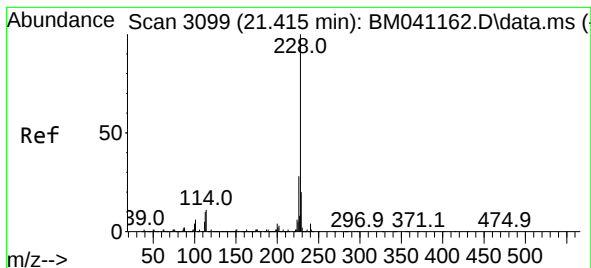
Ion Ratio Lower Upper

149 100

91 72.8 60.8 91.2

206 22.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 43.601 ng

RT: 21.380 min Scan# 30

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

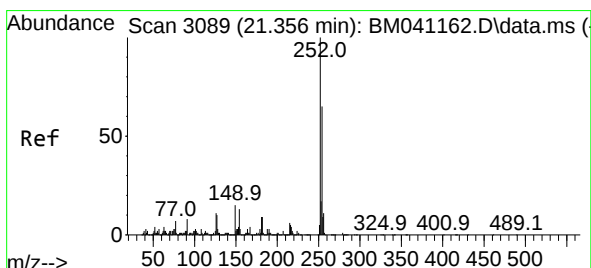
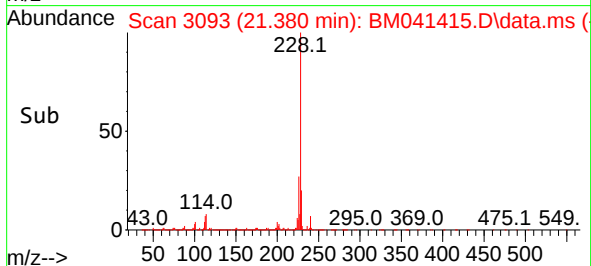
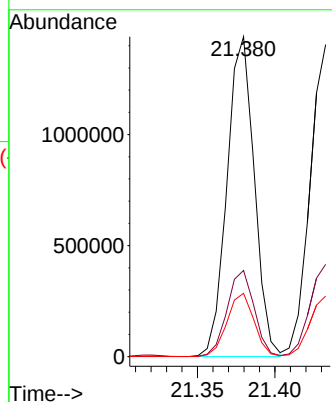
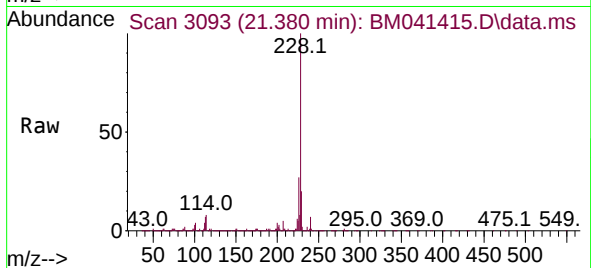
Tgt Ion:228 Resp: 1763953

Ion Ratio Lower Upper

228 100

226 26.9 22.4 33.6

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 39.029 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

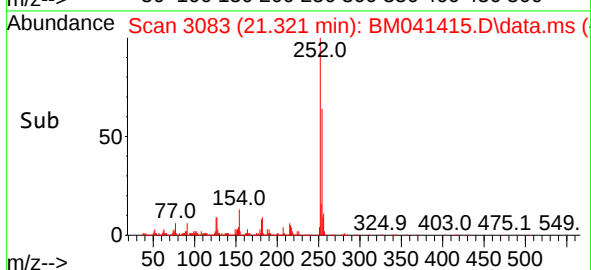
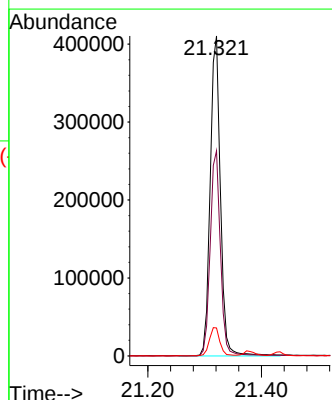
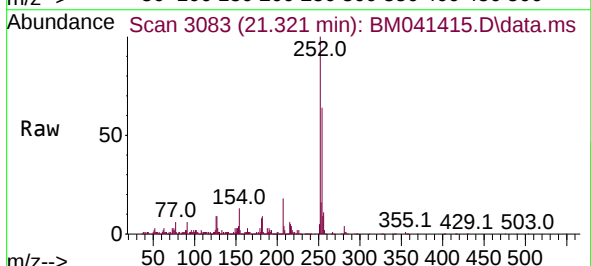
Tgt Ion:252 Resp: 515240

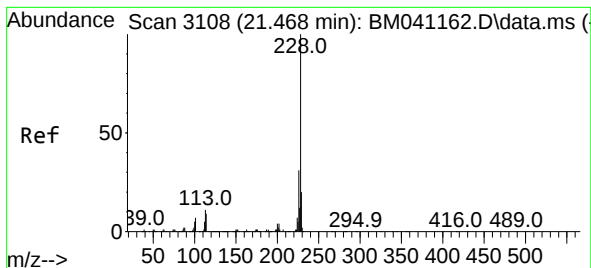
Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.6

126 8.7 8.6 13.0





#83

Chrysene

Concen: 41.838 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

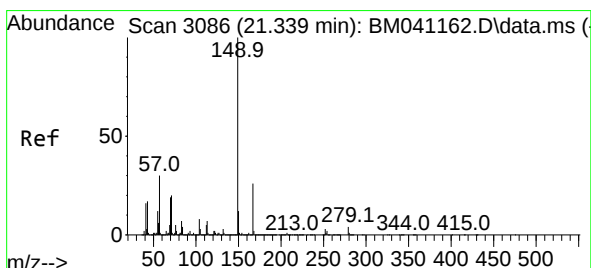
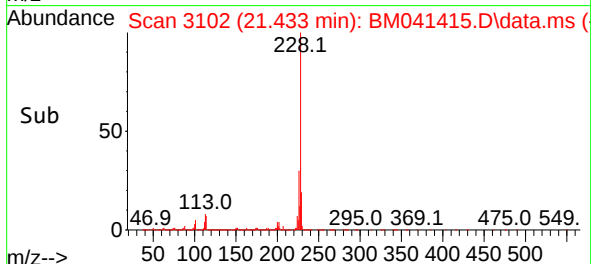
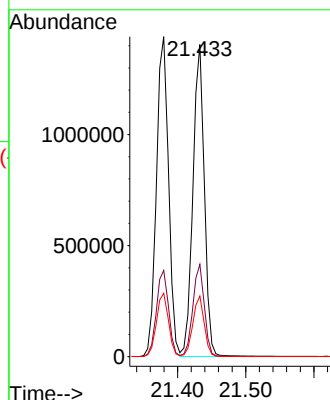
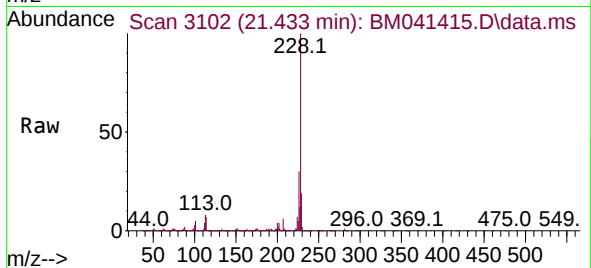
Tgt Ion:228 Resp: 1637194

Ion Ratio Lower Upper

228 100

226 29.6 24.5 36.7

229 19.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.701 ng

RT: 21.297 min Scan# 3079

Delta R.T. -0.024 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

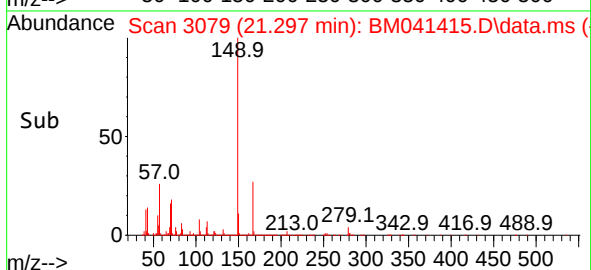
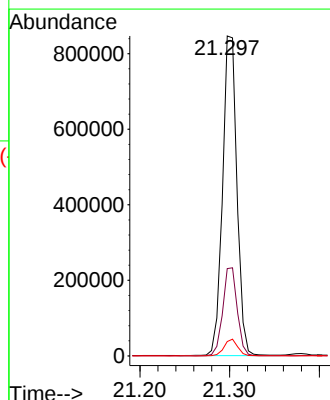
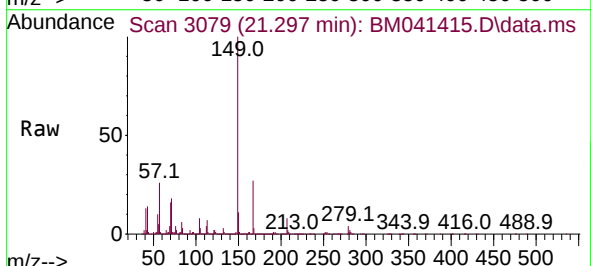
Tgt Ion:149 Resp: 949655

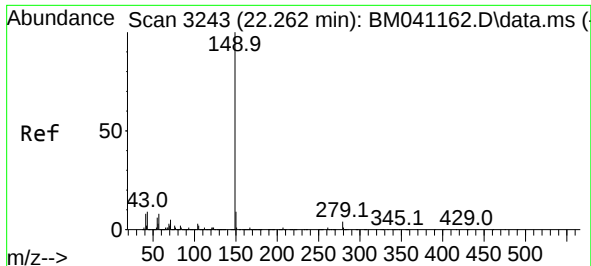
Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.6

279 4.5 3.1 4.7

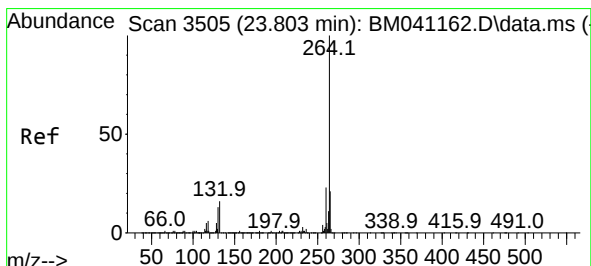
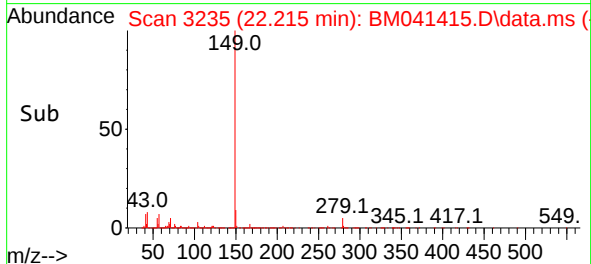
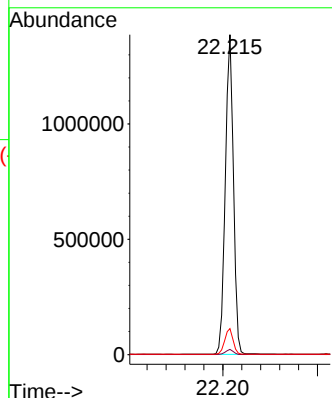
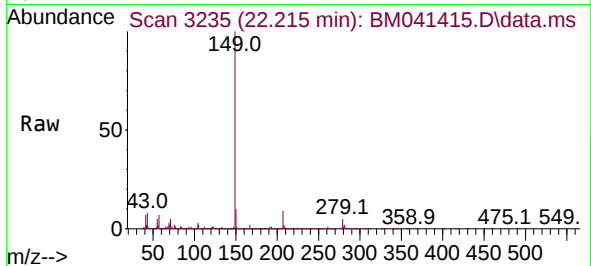




#85
Di-n-octyl phthalate
Concen: 42.947 ng
RT: 22.215 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

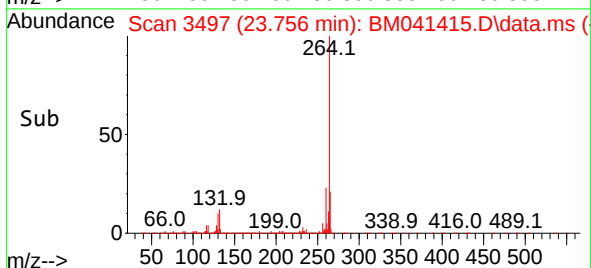
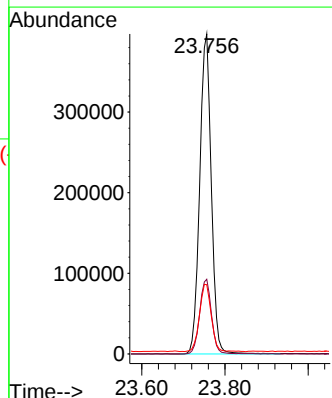
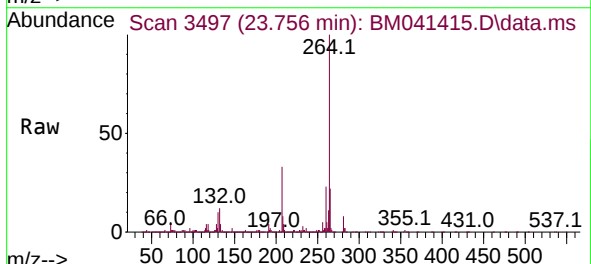
Instrument :
BNA_M
ClientSampleId :
PB154790BS

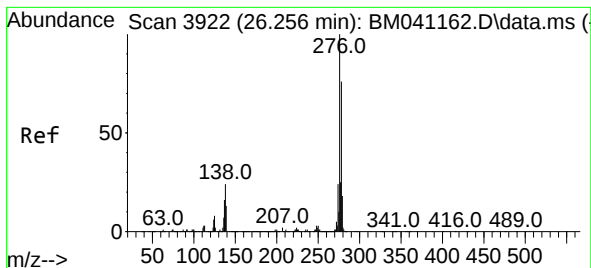
Tgt Ion:149 Resp: 1654185
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.2 8.3 12.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.756 min Scan# 3497
Delta R.T. -0.024 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:264 Resp: 764883
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.238 ng

RT: 26.203 min Scan# 39

Delta R.T. -0.030 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

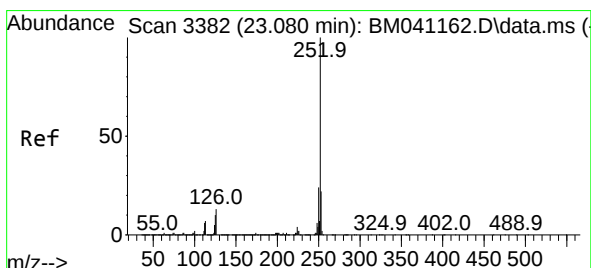
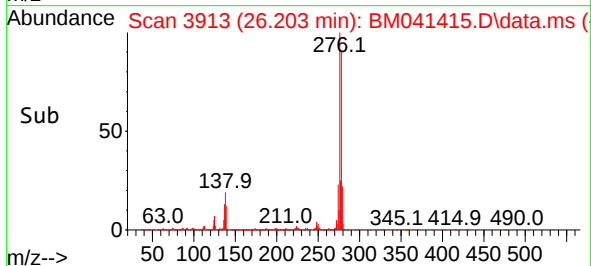
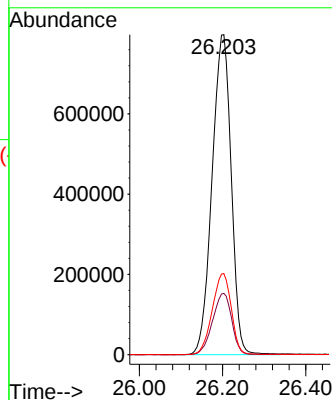
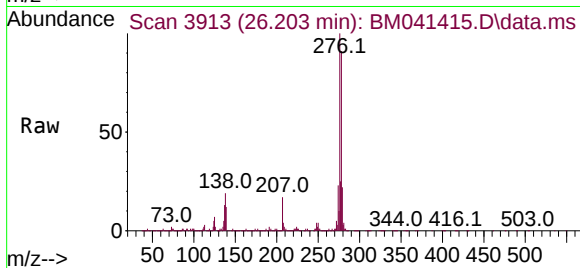
Tgt Ion:276 Resp: 2543947

Ion Ratio Lower Upper

276 100

138 19.2 20.0 30.0#

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 44.287 ng

RT: 23.038 min Scan# 3375

Delta R.T. -0.024 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

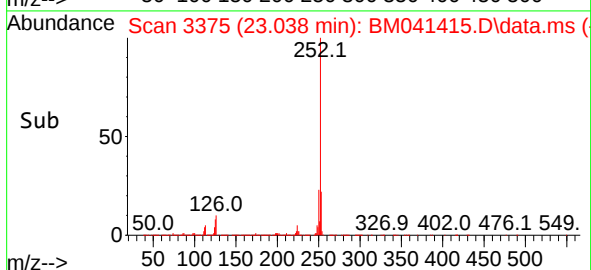
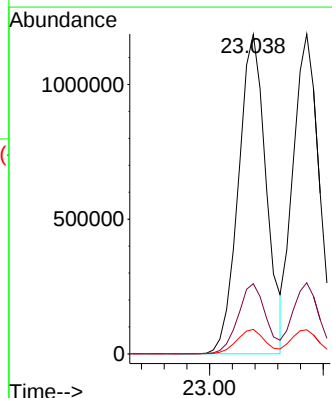
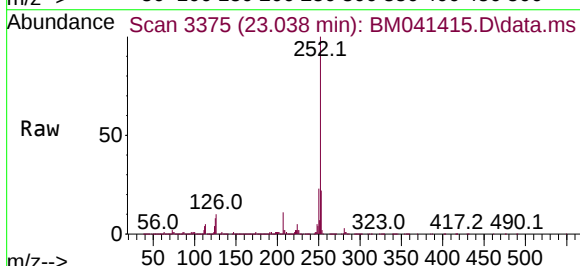
Tgt Ion:252 Resp: 2012325

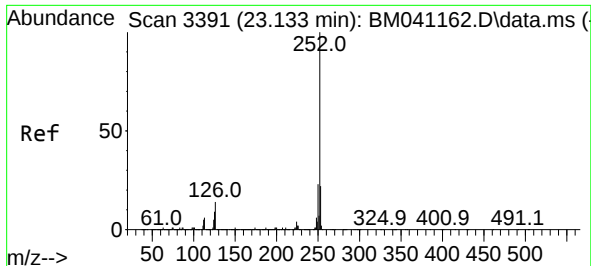
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 7.6 8.2 12.4#

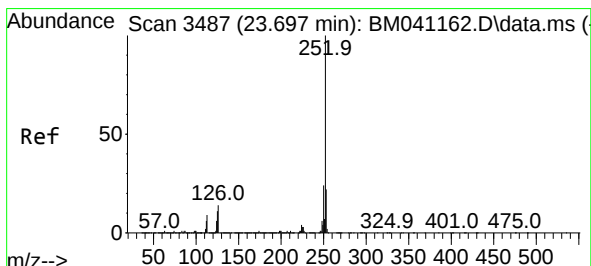
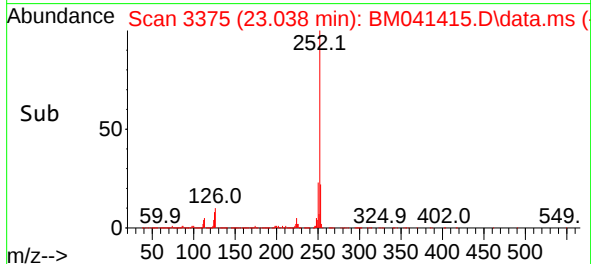
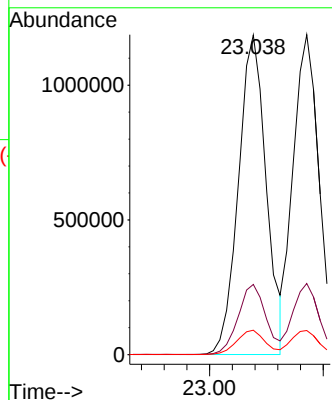
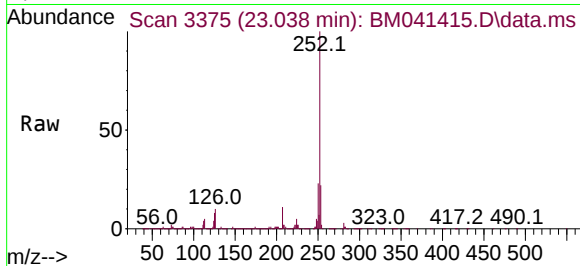




#89
Benzo(k)fluoranthene
Concen: 43.295 ng
RT: 23.038 min Scan# 3391
Delta R.T. -0.071 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

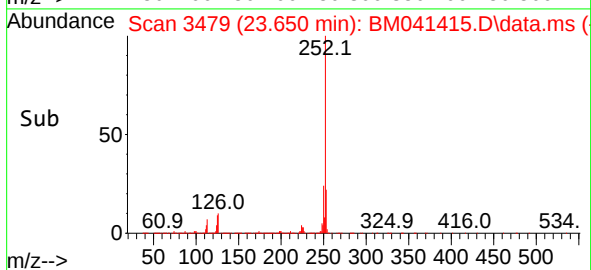
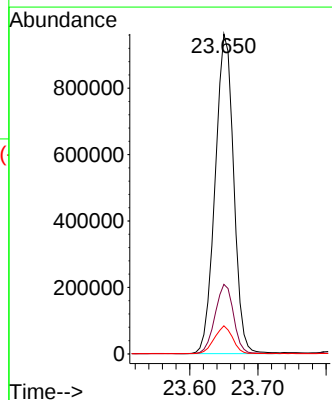
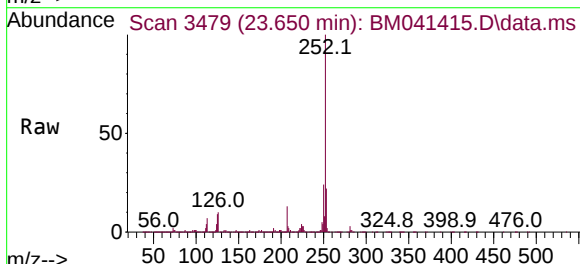
Instrument :
BNA_M
ClientSampleId :
PB154790BS

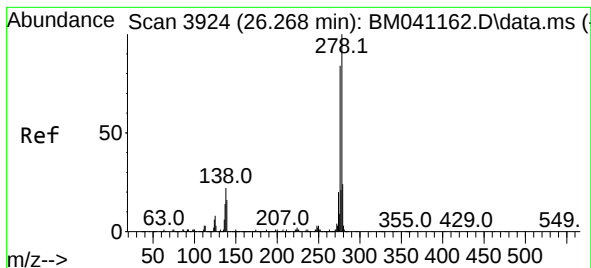
Tgt Ion:252 Resp: 2012325
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 7.6 7.6 11.4



#90
Benzo(a)pyrene
Concen: 41.380 ng
RT: 23.650 min Scan# 3479
Delta R.T. -0.030 min
Lab File: BM041415.D
Acq: 15 Aug 2023 20:49

Tgt Ion:252 Resp: 1806650
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 8.8 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 45.732 ng

RT: 26.209 min Scan# 39

Delta R.T. -0.035 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Instrument :

BNA_M

ClientSampleId :

PB154790BS

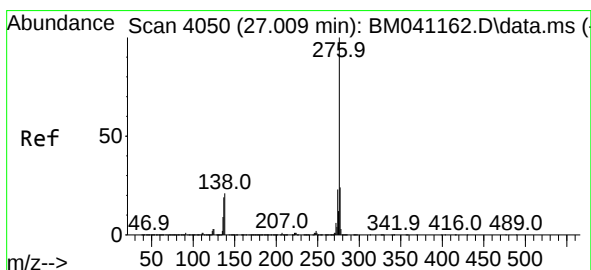
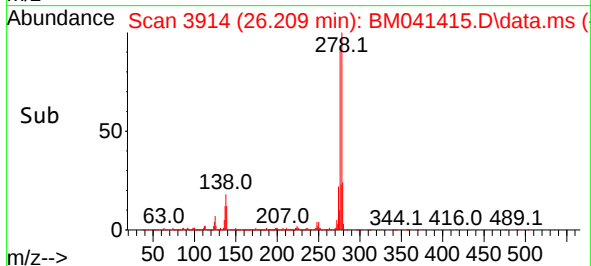
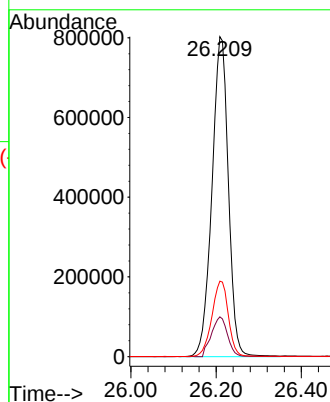
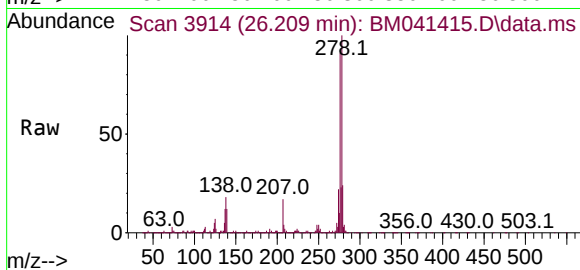
Tgt Ion:278 Resp: 2145050

Ion Ratio Lower Upper

278 100

139 12.4 12.7 19.1#

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 44.829 ng

RT: 26.950 min Scan# 4040

Delta R.T. -0.030 min

Lab File: BM041415.D

Acq: 15 Aug 2023 20:49

Tgt Ion:276 Resp: 2057478

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 16.5 17.1 25.7#

