

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041915.D
 Acq On : 19 Sep 2023 22:39
 Operator : MA/JU
 Sample : PB155451BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155451BSD

Quant Time: Sep 20 02:12:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	292747	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1214431	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	728056	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1465385	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1218985	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1218362	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1943097	110.554	ng	0.00
7) Phenol-d6	7.110	99	2555840	104.731	ng	0.00
23) Nitrobenzene-d5	9.157	82	2361611	99.011	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	906929	99.839	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	4951302	99.819	ng	0.00
79) Terphenyl-d14	19.974	244	7153050	106.874	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.411	88	257430	35.909	ng	98
3) Pyridine	3.816	79	751102	33.727	ng	99
4) n-Nitrosodimethylamine	3.740	42	492230	46.499	ng	97
6) Aniline	7.304	93	1250599	38.680	ng	100
8) 2-Chlorophenol	7.522	128	1031490	52.713	ng	98
9) Benzaldehyde	7.122	77	323359	23.438	ng	99
10) Phenol	7.140	94	1338865	53.449	ng	99
11) bis(2-Chloroethyl)ether	7.399	93	992833	47.515	ng	98
12) 1,3-Dichlorobenzene	7.846	146	1023347	48.978	ng	99
13) 1,4-Dichlorobenzene	7.998	146	1050387	49.476	ng	99
14) 1,2-Dichlorobenzene	8.310	146	1021836	50.072	ng	98
15) Benzyl Alcohol	8.216	79	951935	49.410	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1534063	48.005	ng	98
17) 2-Methylphenol	8.398	107	881838	48.413	ng	99
18) Hexachloroethane	9.034	117	388608	48.697	ng	99
19) n-Nitroso-di-n-propyla...	8.781	70	830431	45.777	ng	98
20) 3+4-Methylphenols	8.728	107	1189945	47.595	ng	97
22) Acetophenone	8.810	105	1503013	49.508	ng	# 100
24) Nitrobenzene	9.204	77	1181736	49.916	ng	100
25) Isophorone	9.710	82	2237040	47.519	ng	100
26) 2-Nitrophenol	9.898	139	551485	51.719	ng	100
27) 2,4-Dimethylphenol	9.934	122	950155	49.546	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1365114	49.614	ng	100
29) 2,4-Dichlorophenol	10.416	162	995297	53.630	ng	99
30) 1,2,4-Trichlorobenzene	10.634	180	974356	51.137	ng	98
31) Naphthalene	10.834	128	2979535	48.734	ng	100
32) Benzoic acid	10.087	122	745481	49.338	ng	99
33) 4-Chloroaniline	10.957	127	671049	24.523	ng	99
34) Hexachlorobutadiene	11.063	225	574188	49.337	ng	100
35) Caprolactam	11.798	113	178070	26.846	ng	100
36) 4-Chloro-3-methylphenol	12.057	107	1038618	50.217	ng	98
37) 2-Methylnaphthalene	12.433	142	2079569	46.261	ng	99
38) 1-Methylnaphthalene	12.657	142	1996816	47.297	ng	100
40) 1,2,4,5-Tetrachloroben...	12.786	216	1078242	51.067	ng	100
41) Hexachlorocyclopentadiene	12.739	237	1365719	115.034	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	773534	53.833	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041915.D
 Acq On : 19 Sep 2023 22:39
 Operator : MA/JU
 Sample : PB155451BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155451BSD

Quant Time: Sep 20 02:12:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	834131	49.601	ng	98
46) 1,1'-Biphenyl	13.445	154	2721782	50.669	ng	100
47) 2-Chloronaphthalene	13.492	162	2062863	52.732	ng	100
48) 2-Nitroaniline	13.722	65	712713	50.986	ng	99
49) Acenaphthylene	14.339	152	3385429	52.146	ng	99
50) Dimethylphthalate	14.075	163	2646168	49.163	ng	99
51) 2,6-Dinitrotoluene	14.210	165	573106	50.244	ng	98
52) Acenaphthene	14.675	154	1951991	49.990	ng	99
53) 3-Nitroaniline	14.551	138	460134	36.041	ng	99
54) 2,4-Dinitrophenol	14.751	184	727062	102.061	ng	97
55) Dibenzofuran	15.010	168	3109838	49.338	ng	99
56) 4-Nitrophenol	14.839	139	1043641	103.072	ng	98
57) 2,4-Dinitrotoluene	14.998	165	766700	50.805	ng	98
58) Fluorene	15.663	166	2455287	49.409	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	710422	51.468	ng	99
60) Diethylphthalate	15.422	149	2602621	48.610	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1285778	49.321	ng	97
62) 4-Nitroaniline	15.721	138	572177	46.606	ng	99
63) Azobenzene	15.945	77	2685189	49.470	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	443034	52.650	ng	98
66) n-Nitrosodiphenylamine	15.874	169	2185624	52.809	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	763962	50.591	ng	99
68) Hexachlorobenzene	16.633	284	889381	55.626	ng	98
69) Atrazine	16.816	200	773153	59.906	ng	99
70) Pentachlorophenol	16.992	266	1068870	88.482	ng	99
71) Phenanthrene	17.410	178	3828667	52.388	ng	100
72) Anthracene	17.498	178	3903775	52.363	ng	100
73) Carbazole	17.780	167	3592508	52.553	ng	99
74) Di-n-butylphthalate	18.298	149	4530295	51.621	ng	100
75) Fluoranthene	19.415	202	4372625	50.963	ng	100
77) Benzidine	19.615	184	1408880	56.623	ng	99
78) Pyrene	19.780	202	4524760	53.346	ng	100
80) Butylbenzylphthalate	20.656	149	1952656	51.761	ng	96
81) Benzo(a)anthracene	21.521	228	4125463	51.891	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	1277138	45.614	ng	99
83) Chrysene	21.574	228	3762796	50.494	ng	100
84) Bis(2-ethylhexyl)phtha...	21.398	149	2857286	51.055	ng	100
85) Di-n-octyl phthalate	22.327	149	4869340	51.689	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	3894153	53.532	ng	100
88) Benzo(b)fluoranthene	23.209	252	3847659	54.092	ng	100
89) Benzo(k)fluoranthene	23.262	252	3674346	52.273	ng	100
90) Benzo(a)pyrene	23.844	252	3267113	48.948	ng	100
91) Dibenzo(a,h)anthracene	26.480	278	3270338	53.926	ng	100
92) Benzo(g,h,i)perylene	27.250	276	3080169	53.157	ng	100

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

BNA M

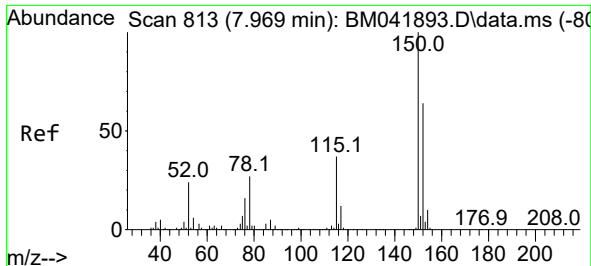
ClientSampleId :
PB155451BSD

Abundance

TIC: BM041915.D\data.ms

Time-->

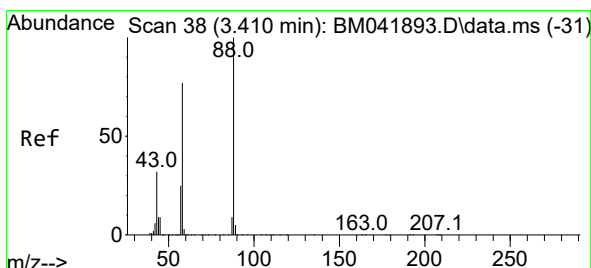
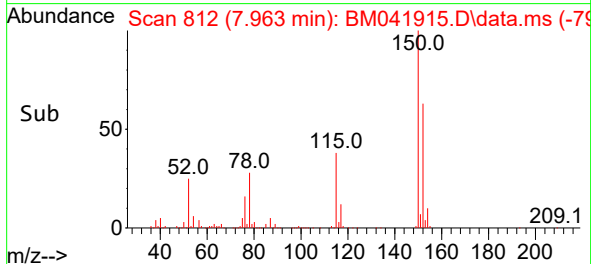
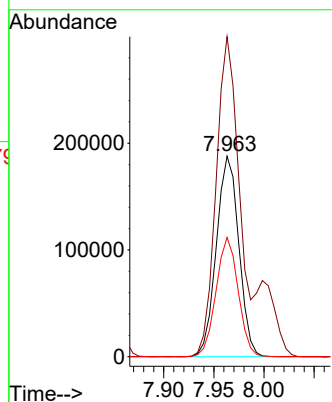
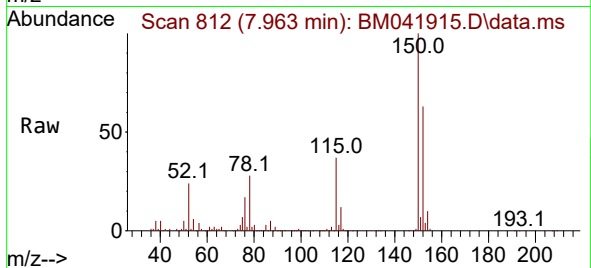
1,4-Dioxane
n-Nitrosodiphenylamine,
Pyrene,
2-Fluorophenol, S
Phenol, G
Bis(2-ethylhexyl)phthalate,
1,4-Dichlorobenzene, C
2,2'-oxybis(1-chloro-4-nitrobenzene), P
n-Nitrosodiphenylamine, P
Hexachlorobenzene
Nitrobenzene-d5, S
Benzoic acid
2-Nitrophenol, C
2,4-Dimethylphthalate
bis(2-ethylhexyl)phthalate, C
4-Dichlorophenol, C
Naphthalene-d8, L
Naphthalene
4-Chloronaphthalene
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
1,2,4,5-Tetrachlorobenzene, pentadiene, P
2,4,6-Trichlorophenol, G
2-Chloronaphthalene, R
2-Nitroaniline
Dimethylphthalate
2,6-Dinitrotoluene
Acenaphthylene
Acenaphthene, C
2,4-Dinitrophenol, B
2,4-Dinitrophenol, C
2,3,4,6-Tetrachlorophenol
Diethylphthalate
4-Bromodiphenylamine, c
4-Bromodiphenylamine, S
Azobenzene, 1-Nitrosodiphenylamine, c
2,4,6-Tribromophenol, S
Hexachlorobenzene, R
Hexachlorobenzene, C
Pentachlorophenol, C
Phenanthrene
Carbazole
Di-n-butylphthalate
Phenanthrene-d10, L
Benzidine
Fluoranthene, C
Pyrene
Butylbenzylphthalate
Chrysene, C
Chrysene, R
Bis(2-ethylhexyl)phthalate
D-n-octyl phthalate, c
Benzofluoranthene
Benzo(a)pyrene, C
Perylene-d12, I
Indene(1,2,3-cd)pyrene
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

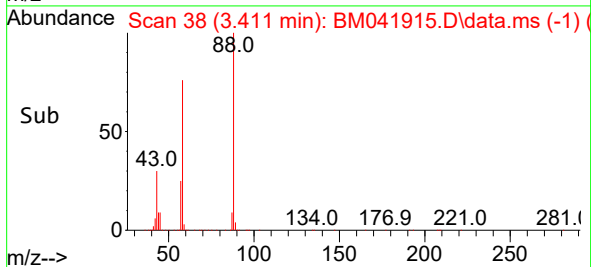
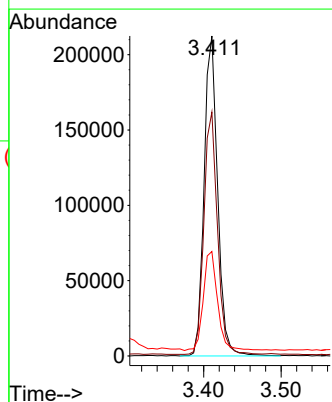
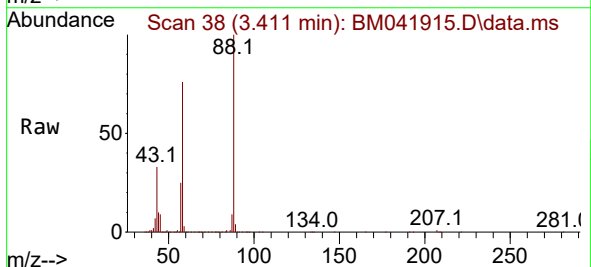
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

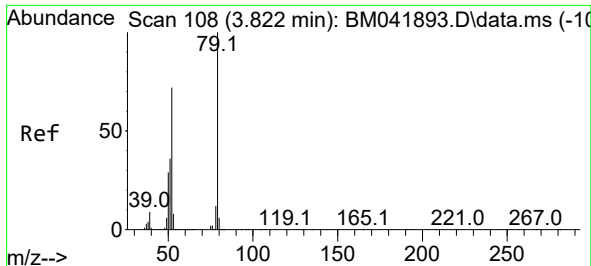
Tgt Ion:152 Resp: 292747
Ion Ratio Lower Upper
152 100
150 159.6 125.9 188.9
115 59.4 46.8 70.2



#2
1,4-Dioxane
Concen: 35.909 ng
RT: 3.411 min Scan# 38
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion: 88 Resp: 257430
Ion Ratio Lower Upper
88 100
58 76.0 62.4 93.6
43 32.7 25.8 38.6

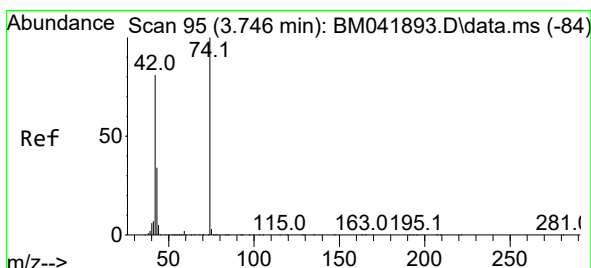
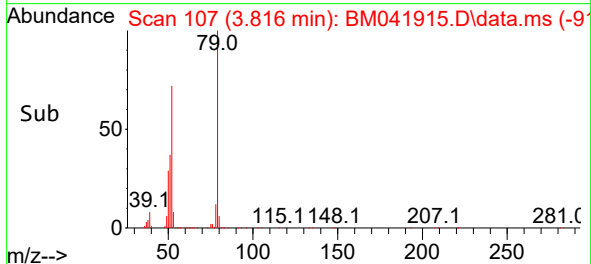
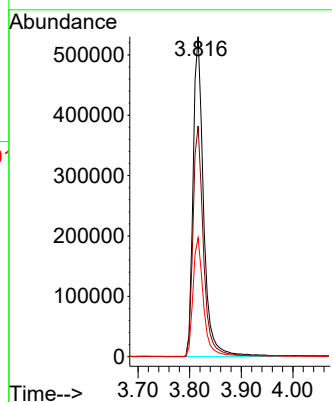
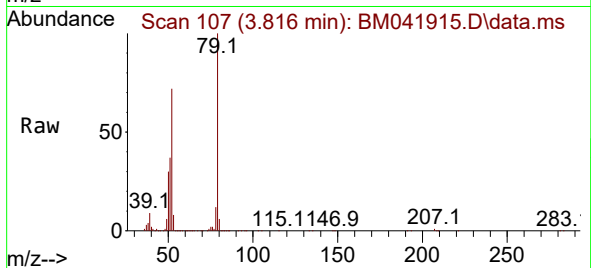




#3
Pyridine
Concen: 33.727 ng
RT: 3.816 min Scan# 108
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

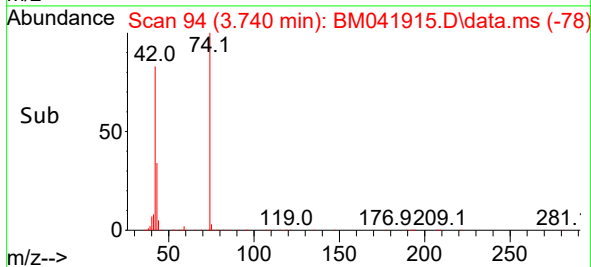
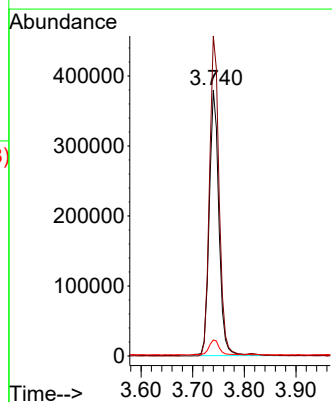
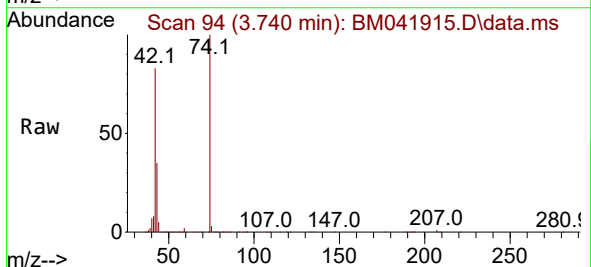
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

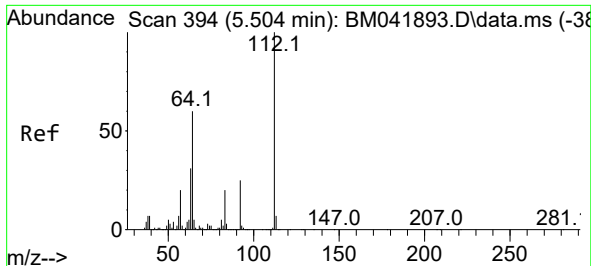
Tgt Ion: 79 Resp: 751102
Ion Ratio Lower Upper
79 100
52 72.1 57.2 85.8
51 37.2 28.9 43.3



#4
n-Nitrosodimethylamine
Concen: 46.499 ng
RT: 3.740 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion: 42 Resp: 492230
Ion Ratio Lower Upper
42 100
74 120.5 98.8 148.2
44 6.0 5.1 7.7

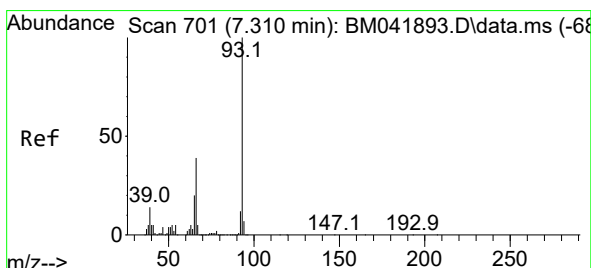
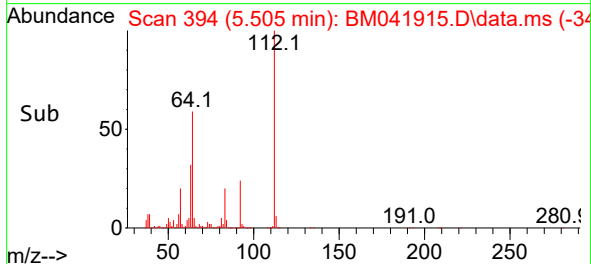
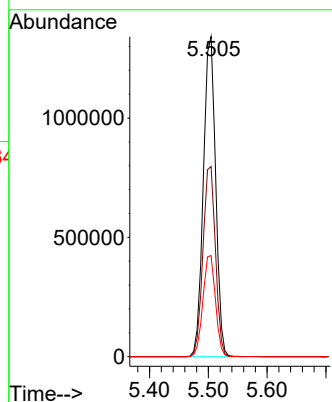
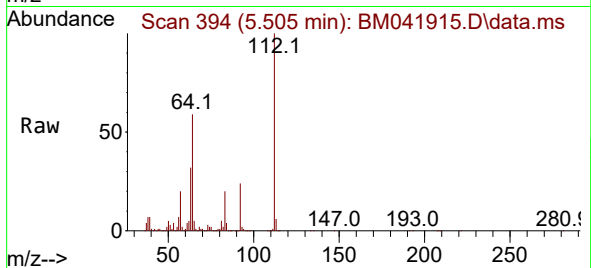




#5
2-Fluorophenol
Concen: 110.554 ng
RT: 5.505 min Scan# 394
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

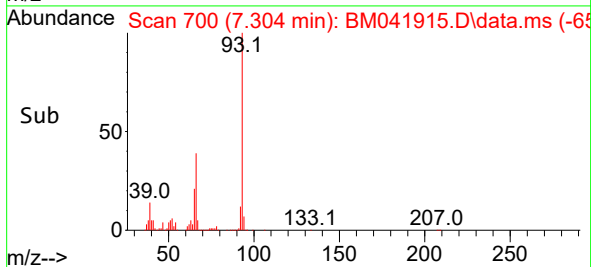
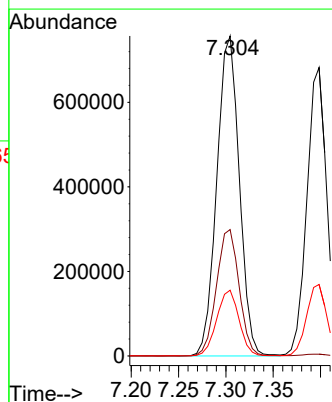
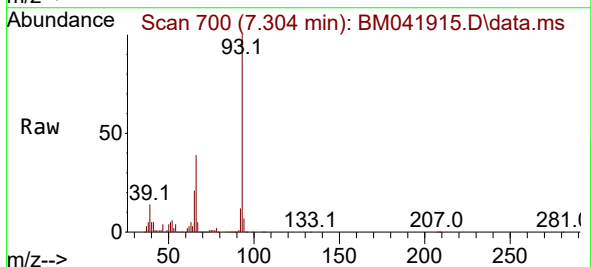
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

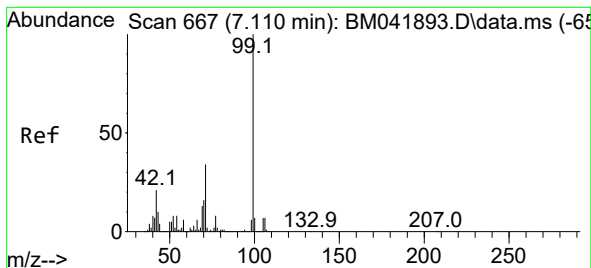
Tgt Ion:112 Resp: 1943097
Ion Ratio Lower Upper
112 100
64 59.4 48.1 72.1
63 31.6 25.0 37.6



#6
Aniline
Concen: 38.680 ng
RT: 7.304 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion: 93 Resp: 1250599
Ion Ratio Lower Upper
93 100
66 39.5 31.4 47.2
65 20.6 16.2 24.4





#7

Phenol-d6

Concen: 104.731 ng

RT: 7.110 min Scan# 667

Delta R.T. 0.000 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

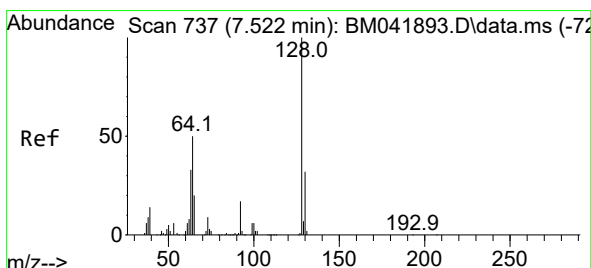
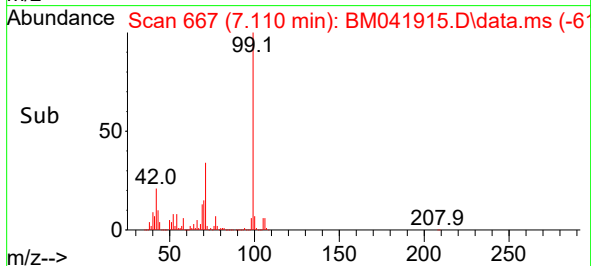
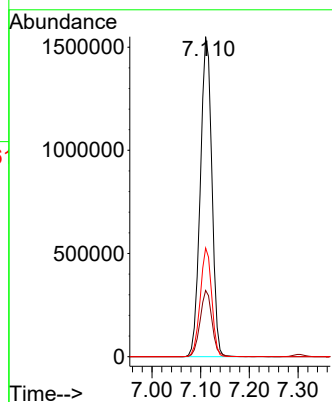
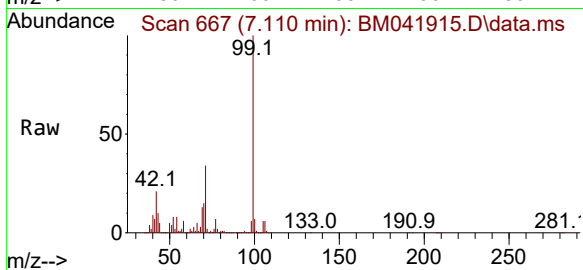
Tgt Ion: 99 Resp: 2555840

Ion Ratio Lower Upper

99 100

42 20.7 16.6 25.0

71 33.9 26.8 40.2



#8

2-Chlorophenol

Concen: 52.713 ng

RT: 7.522 min Scan# 737

Delta R.T. 0.000 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

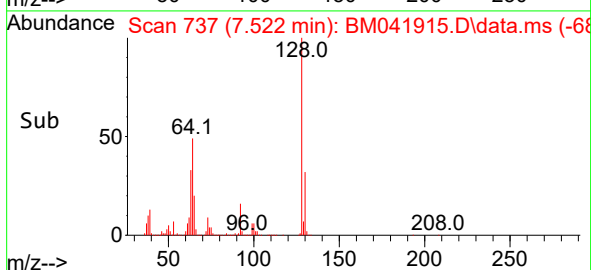
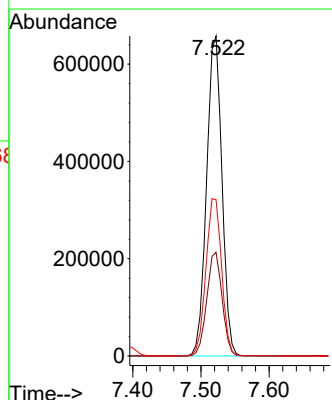
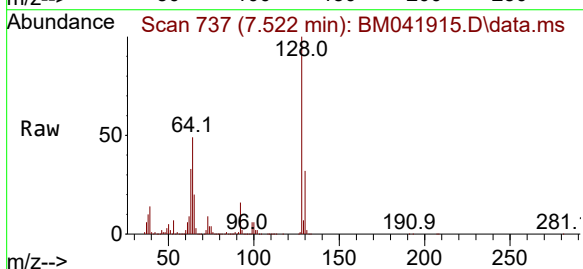
Tgt Ion:128 Resp: 1031490

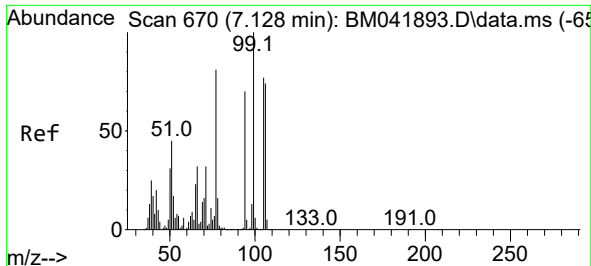
Ion Ratio Lower Upper

128 100

130 32.4 12.4 52.4

64 48.9 31.7 71.7

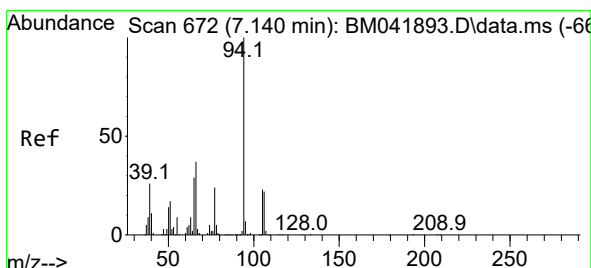
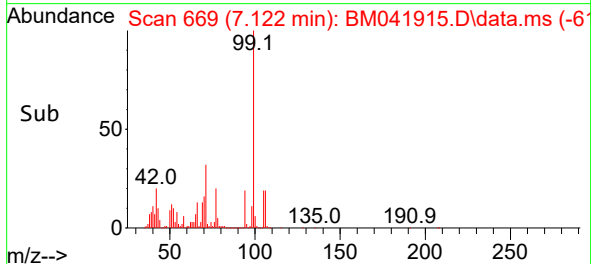
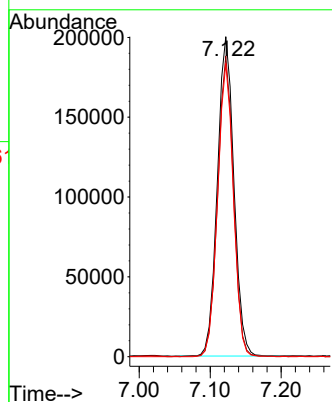
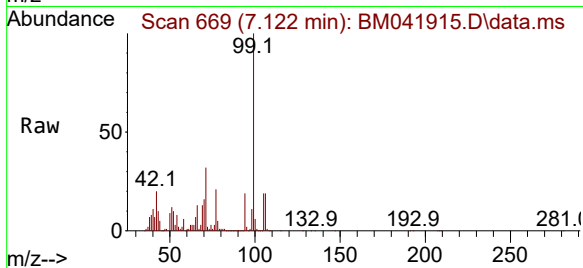




#9
Benzaldehyde
Concen: 23.438 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

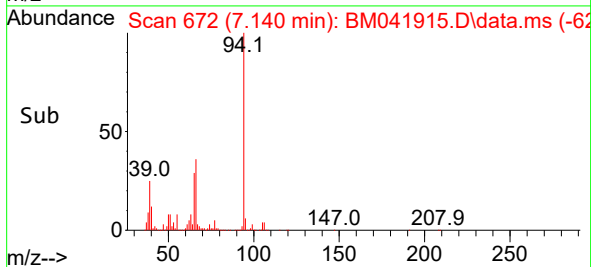
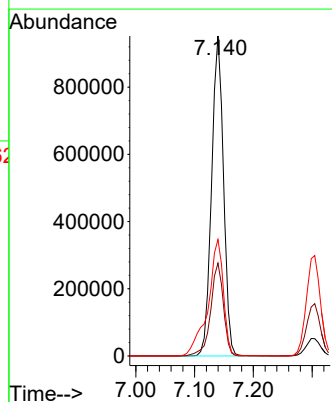
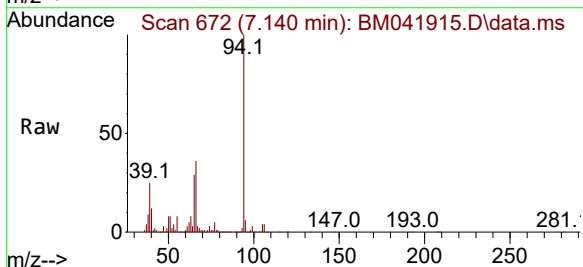
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

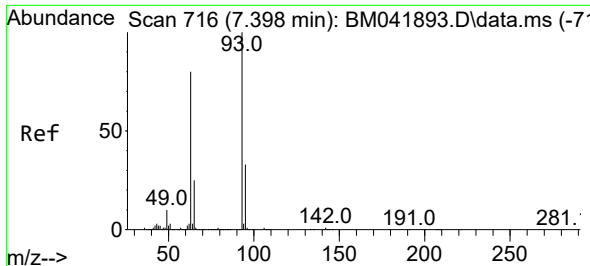
Tgt Ion: 77 Resp: 323359
Ion Ratio Lower Upper
77 100
105 94.0 75.1 115.1
106 91.6 71.6 111.6



#10
Phenol
Concen: 53.449 ng
RT: 7.140 min Scan# 672
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion: 94 Resp: 1338865
Ion Ratio Lower Upper
94 100
65 29.0 9.1 49.1
66 36.4 17.3 57.3

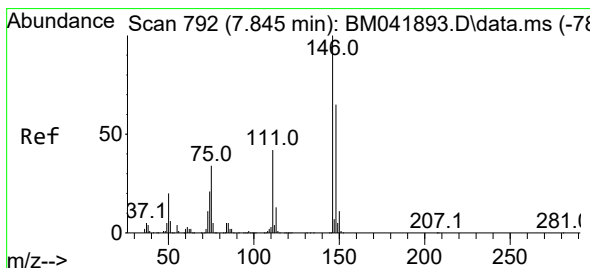
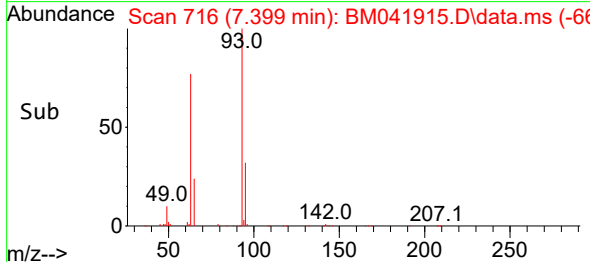
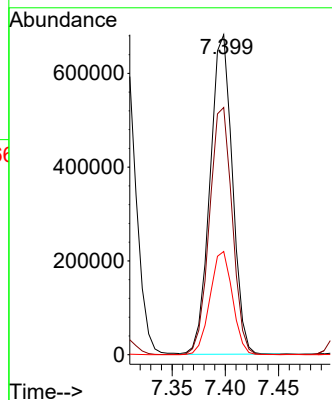
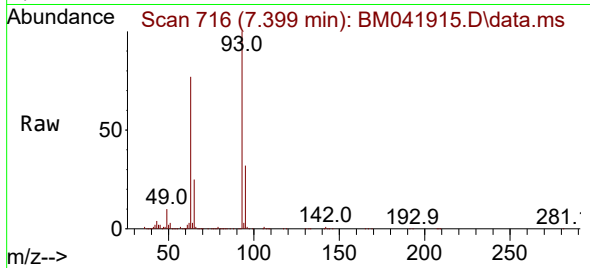




#11
bis(2-Chloroethyl)ether
Concen: 47.515 ng
RT: 7.399 min Scan# 716
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

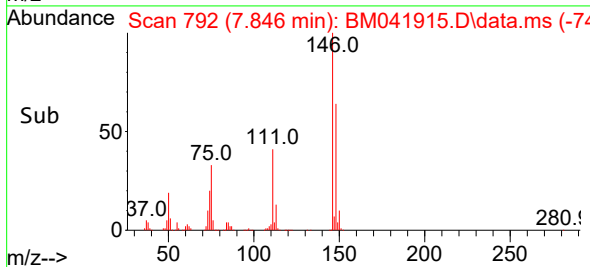
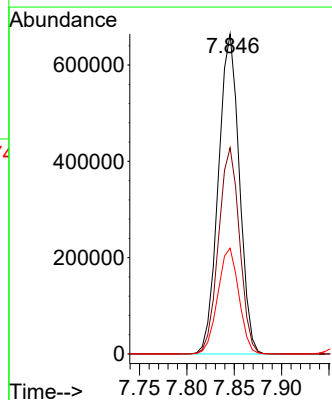
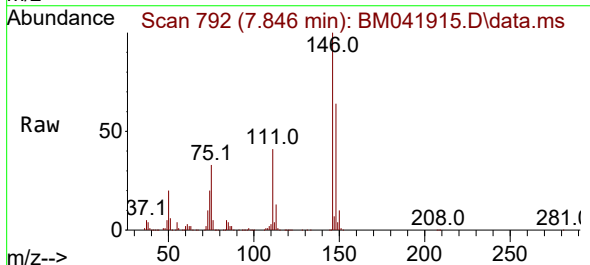
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

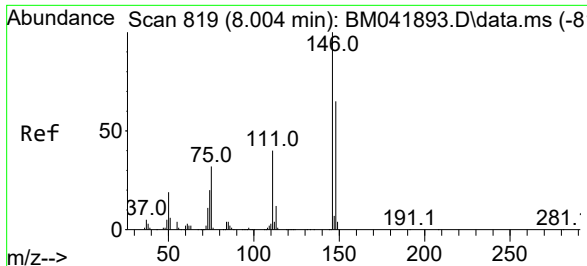
Tgt Ion: 93 Resp: 992833
Ion Ratio Lower Upper
93 100
63 77.3 59.5 99.5
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.978 ng
RT: 7.846 min Scan# 792
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:146 Resp: 1023347
Ion Ratio Lower Upper
146 100
148 64.4 51.7 77.5
75 33.1 27.2 40.8

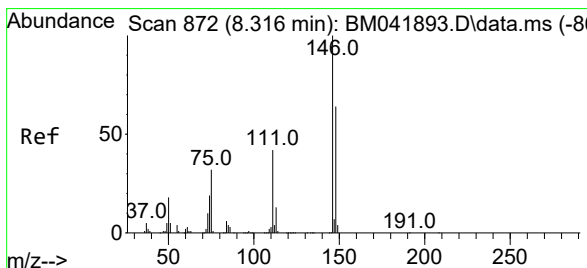
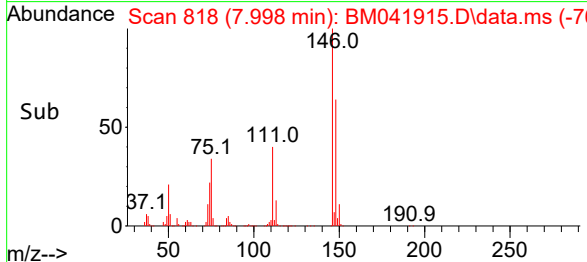
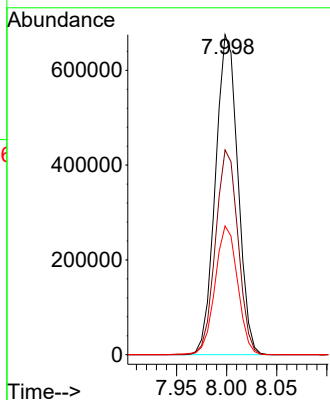
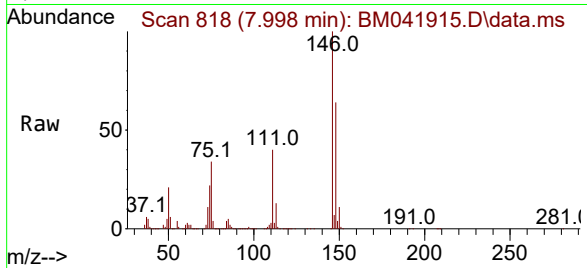




#13
1,4-Dichlorobenzene
Concen: 49.476 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

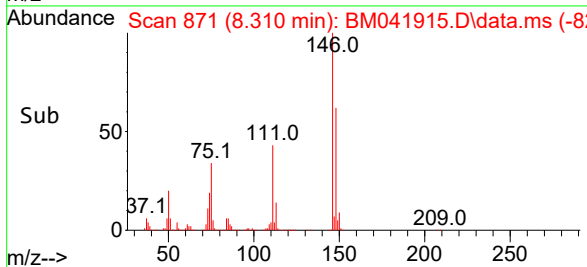
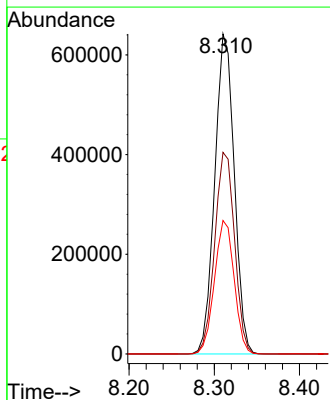
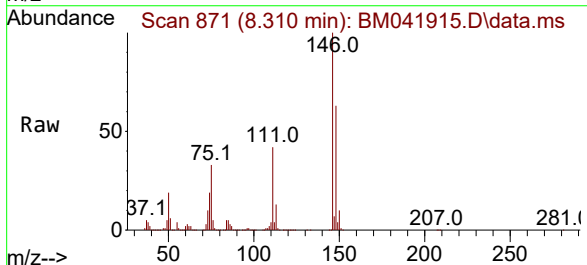
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

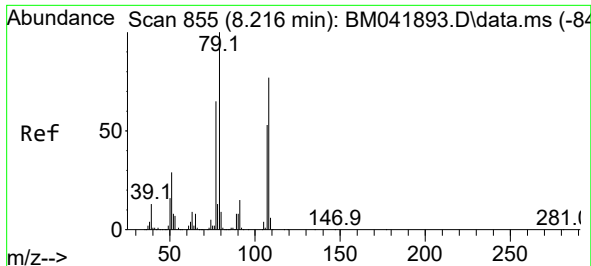
Tgt Ion:146 Resp: 1050387
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
111 40.3 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 50.072 ng
RT: 8.310 min Scan# 871
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:146 Resp: 1021836
Ion Ratio Lower Upper
146 100
148 63.0 51.5 77.3
111 41.7 34.0 51.0

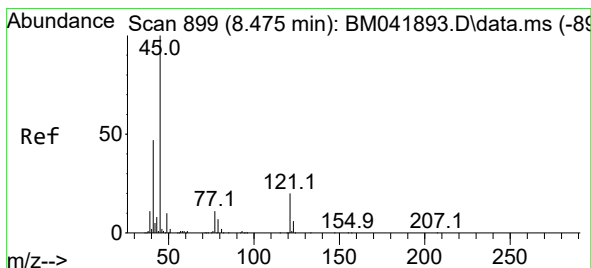
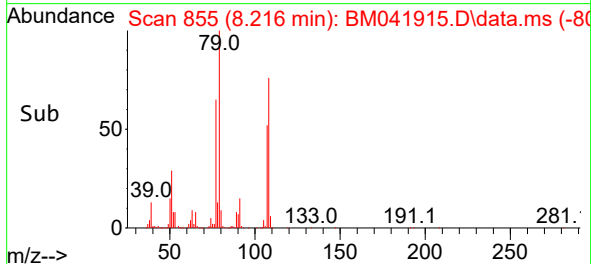
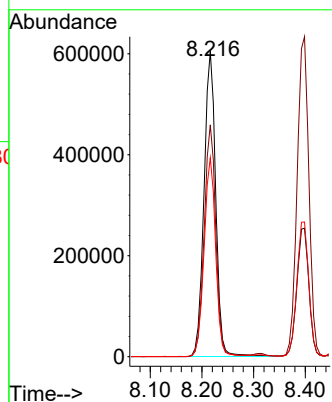
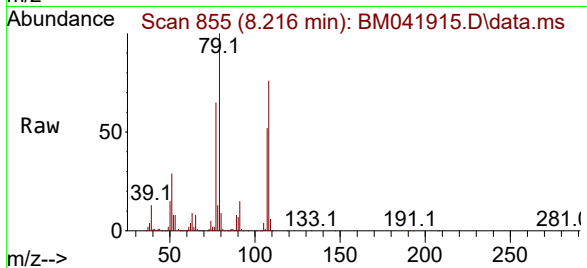




#15
Benzyl Alcohol
Concen: 49.410 ng
RT: 8.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

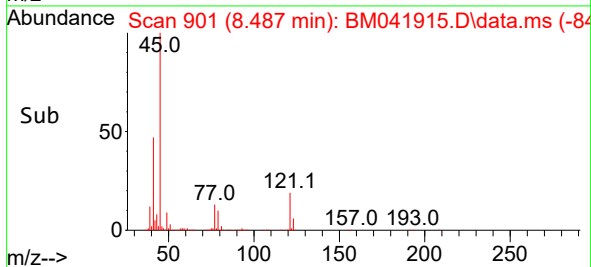
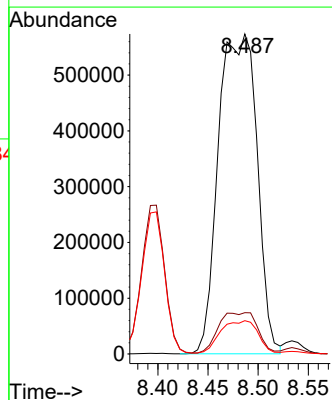
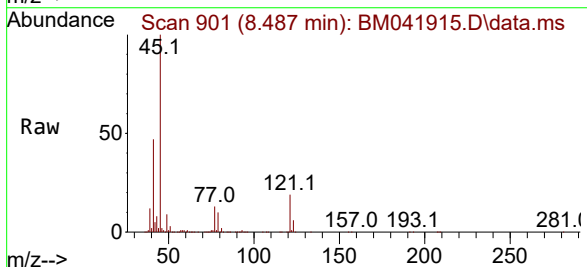
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

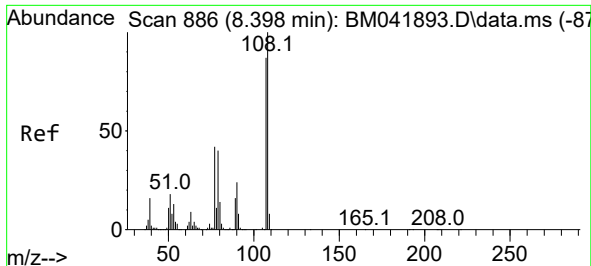
Tgt Ion: 79 Resp: 951935
Ion Ratio Lower Upper
79 100
108 75.9 61.4 92.0
77 65.1 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.005 ng
RT: 8.487 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion: 45 Resp: 1534063
Ion Ratio Lower Upper
45 100
77 12.9 0.0 33.4
79 10.4 0.0 29.6

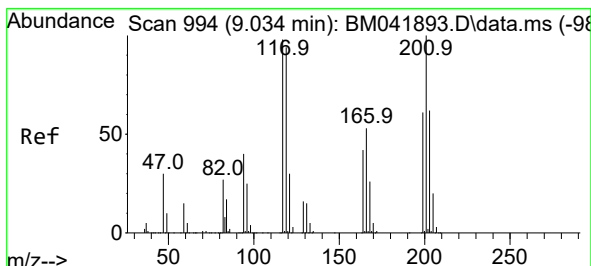
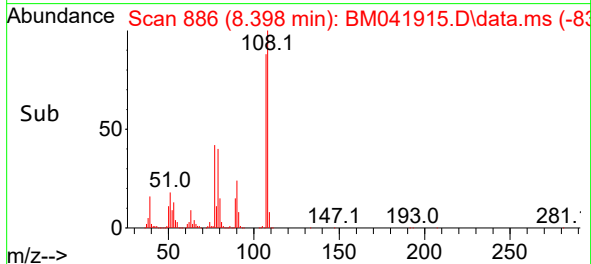
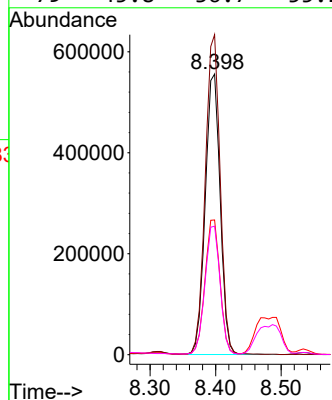
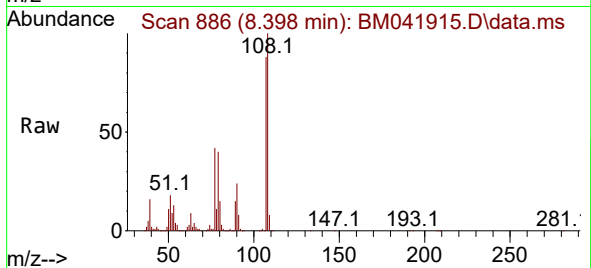




#17
2-Methylphenol
Concen: 48.413 ng
RT: 8.398 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

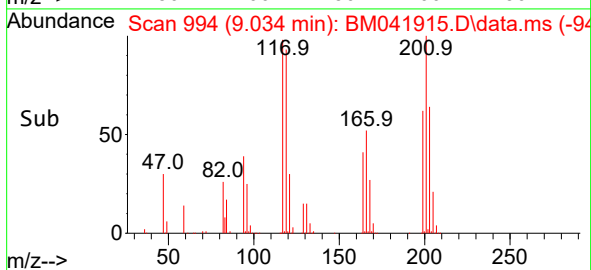
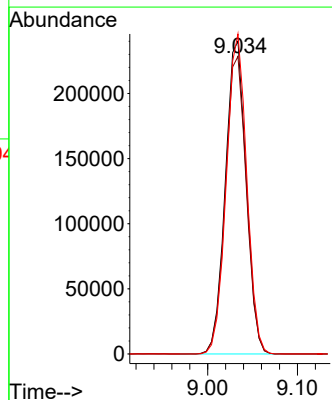
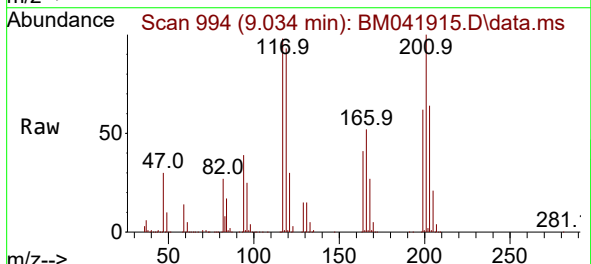
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

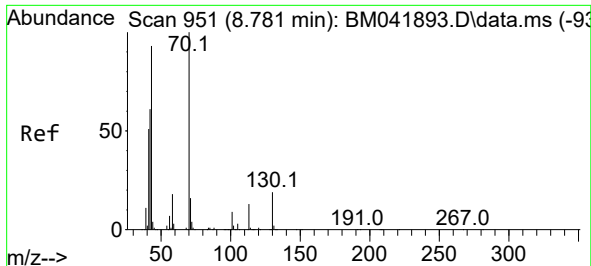
Tgt Ion:	107	Resp:	881838
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.9	137.9
77	48.0	39.0	58.6
79	45.8	36.7	55.1



#18
Hexachloroethane
Concen: 48.697 ng
RT: 9.034 min Scan# 994
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:	117	Resp:	388608
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.2	115.8
201	102.3	81.9	122.9





#19

n-Nitroso-di-n-propylamine

Concen: 45.777 ng

RT: 8.781 min Scan# 951

Delta R.T. 0.000 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

Tgt Ion: 70 Resp: 830431

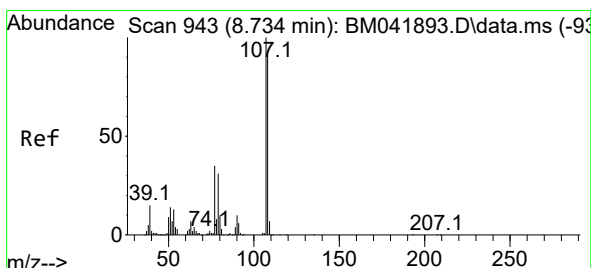
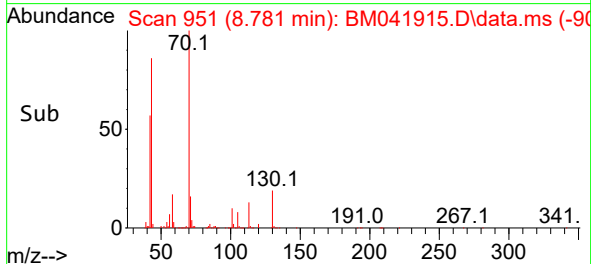
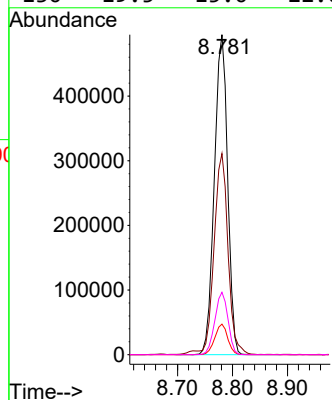
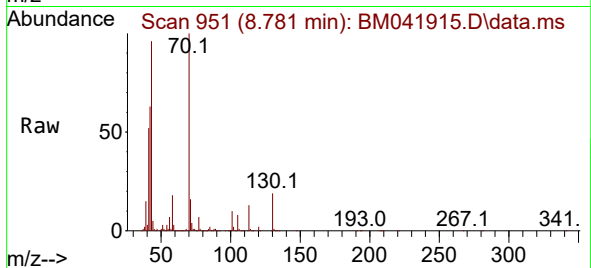
Ion Ratio Lower Upper

70 100

42 62.8 49.2 73.8

101 9.5 7.0 10.6

130 19.5 15.0 22.6



#20

3+4-Methylphenols

Concen: 47.595 ng

RT: 8.728 min Scan# 942

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Tgt Ion: 107 Resp: 1189945

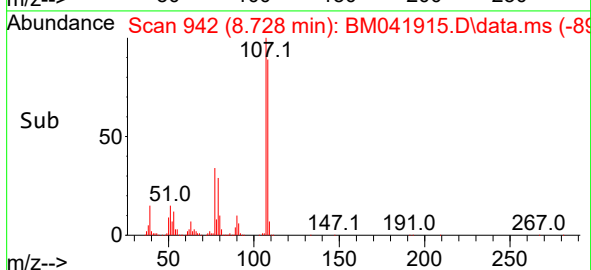
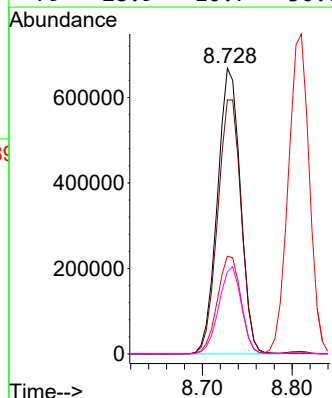
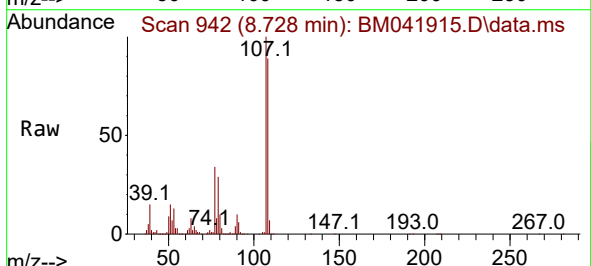
Ion Ratio Lower Upper

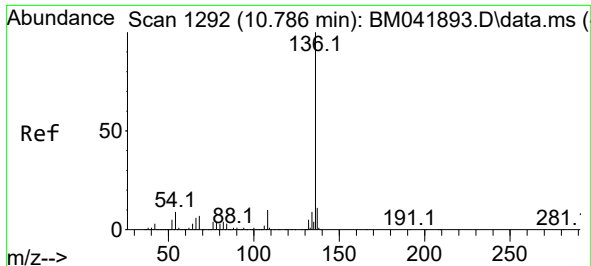
107 100

108 88.9 71.5 111.5

77 34.2 14.9 54.9

79 28.9 10.7 50.7

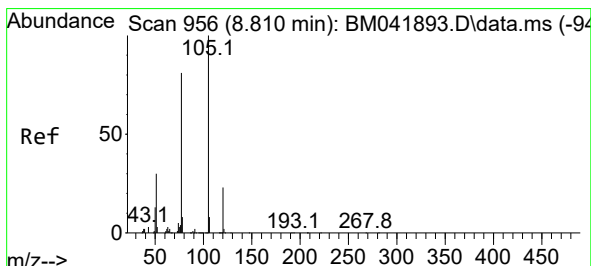
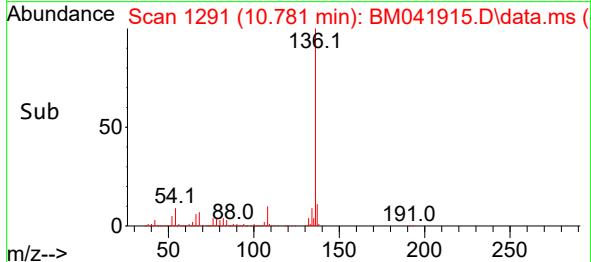
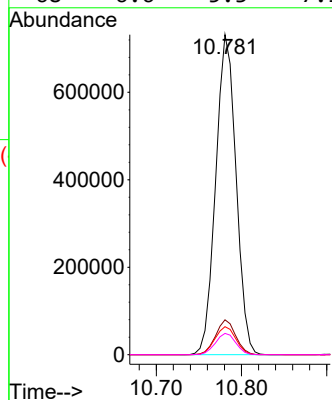
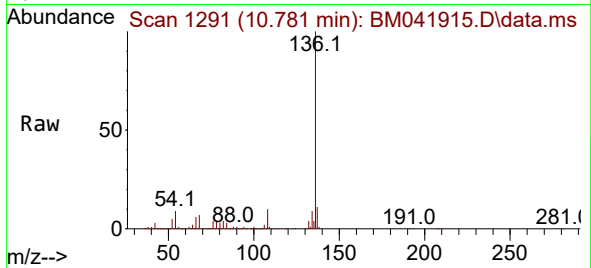




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

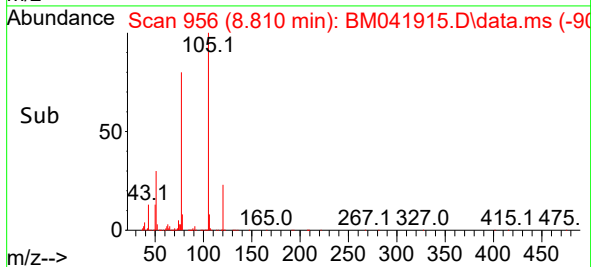
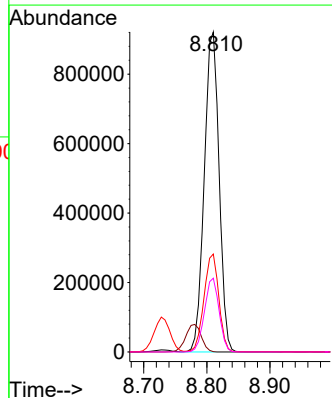
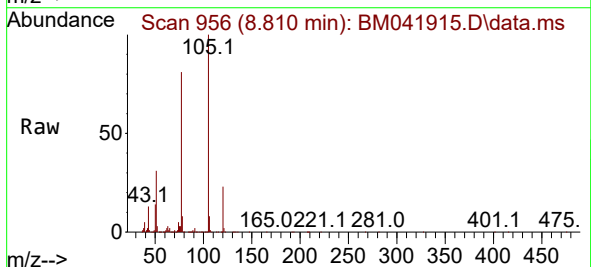
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

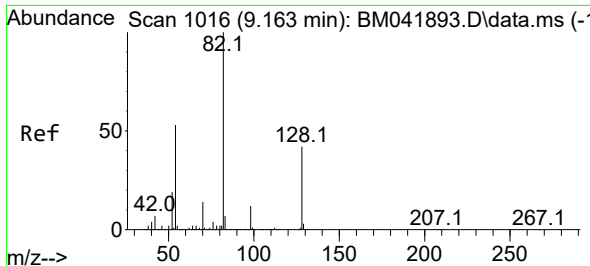
Tgt Ion:136 Resp: 1214431
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 7.0 10.4
68 6.6 5.3 7.9



#22
Acetophenone
Concen: 49.508 ng
RT: 8.810 min Scan# 956
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:105 Resp: 1503013
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 30.6 24.3 36.5
120 23.1 18.2 27.4

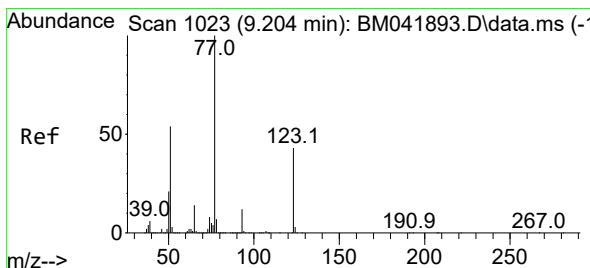
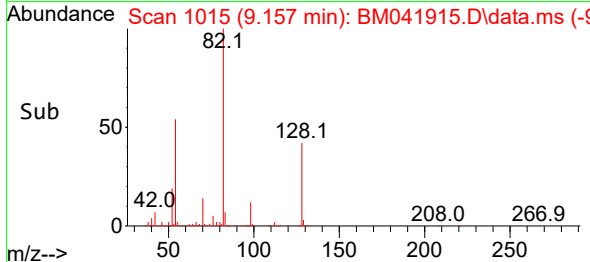
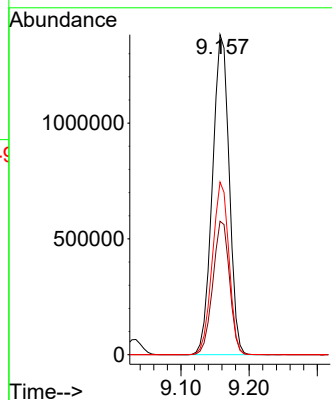
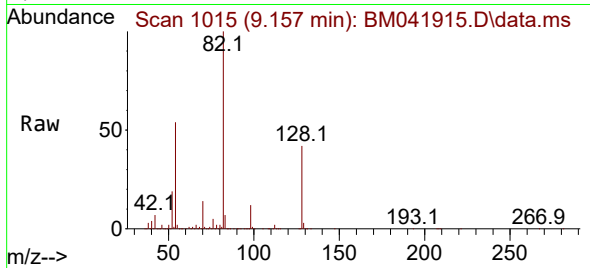




#23
Nitrobenzene-d5
Concen: 99.011 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

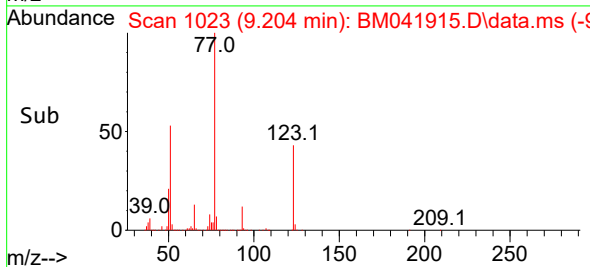
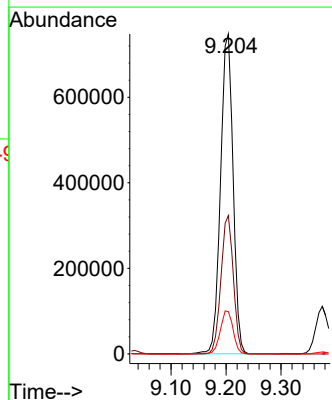
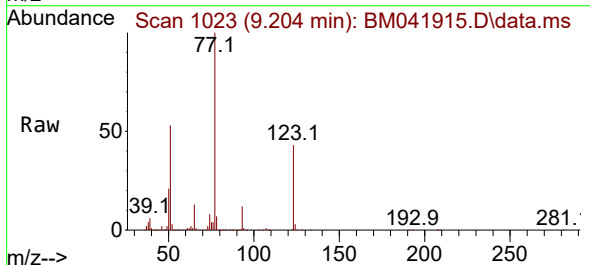
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

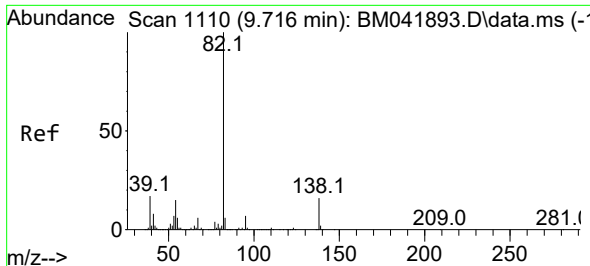
Tgt Ion: 82 Resp: 2361611
Ion Ratio Lower Upper
82 100
128 41.7 33.8 50.6
54 53.9 42.8 64.2



#24
Nitrobenzene
Concen: 49.916 ng
RT: 9.204 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion: 77 Resp: 1181736
Ion Ratio Lower Upper
77 100
123 43.3 34.6 52.0
65 13.3 11.1 16.7

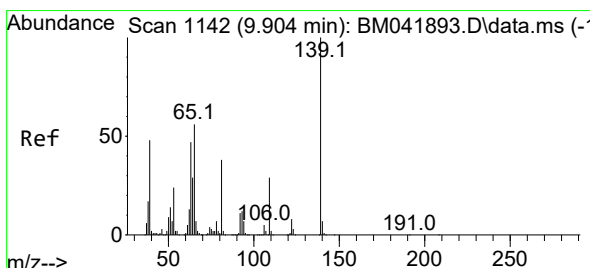
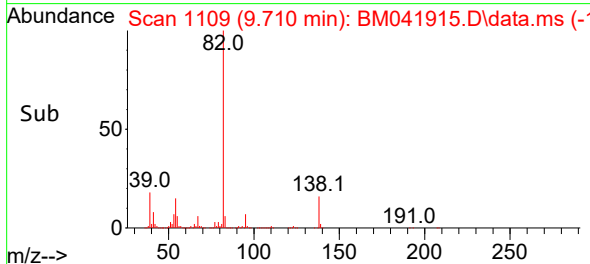
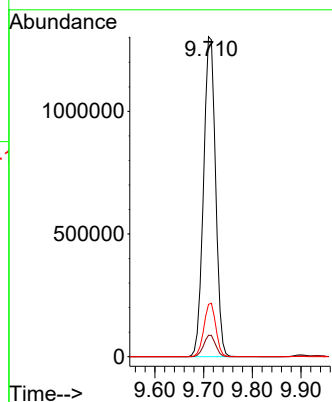
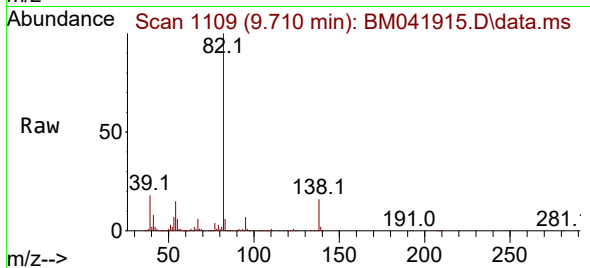




#25
Isophorone
Concen: 47.519 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

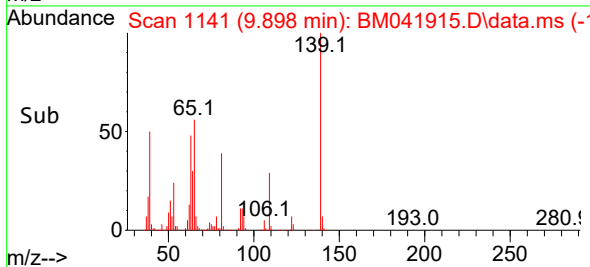
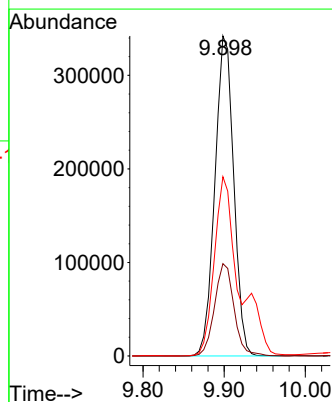
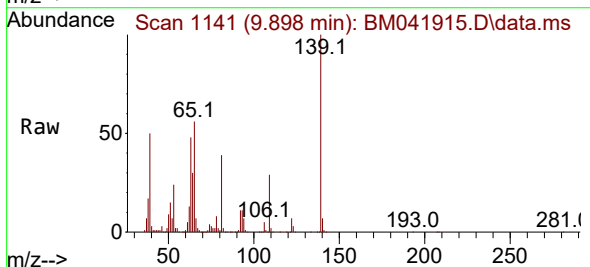
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

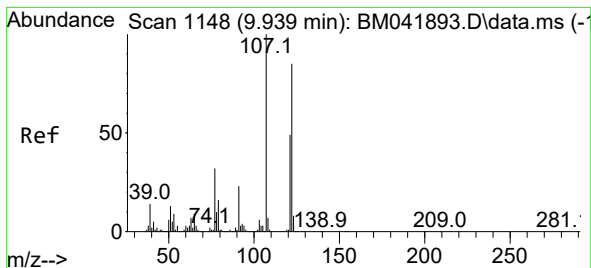
Tgt Ion: 82 Resp: 2237040
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.4 13.1 19.7



#26
2-Nitrophenol
Concen: 51.719 ng
RT: 9.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion: 139 Resp: 551485
Ion Ratio Lower Upper
139 100
109 28.8 23.0 34.4
65 56.0 44.5 66.7

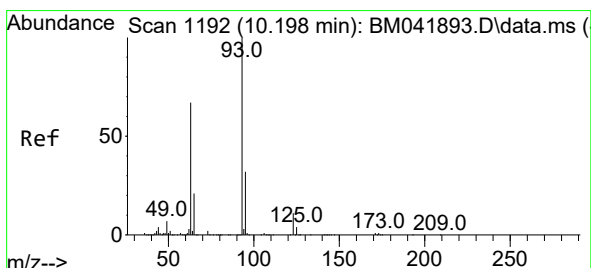
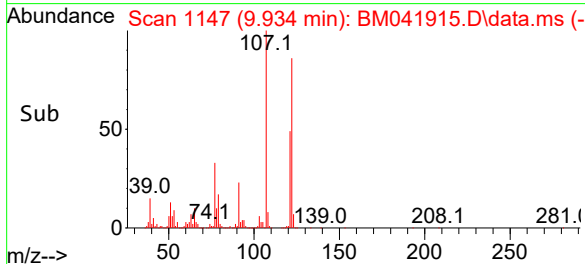
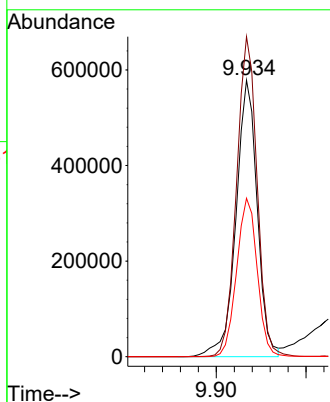
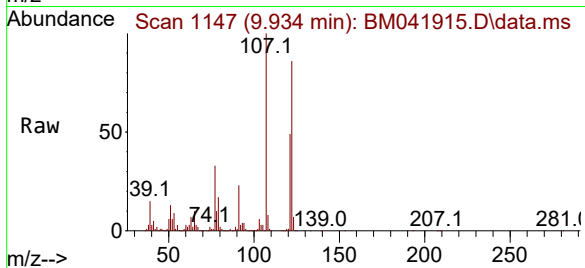




#27
2,4-Dimethylphenol
Concen: 49.546 ng
RT: 9.934 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

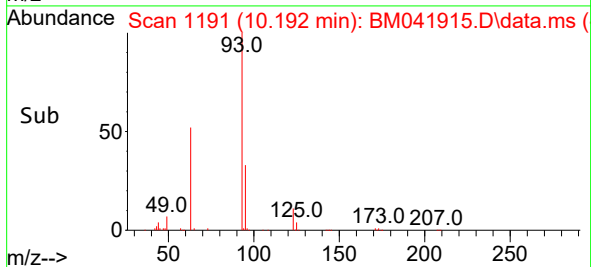
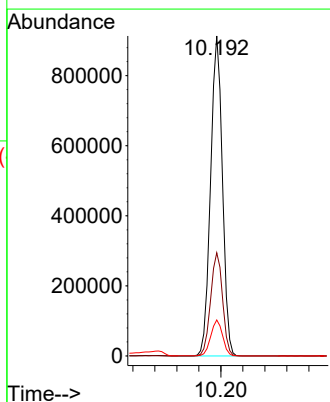
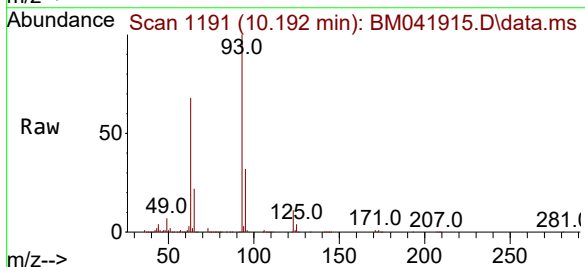
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

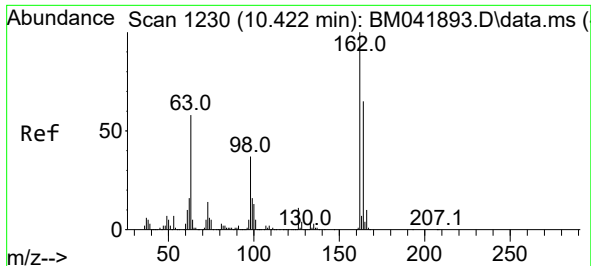
Tgt Ion:122 Resp: 950155
Ion Ratio Lower Upper
122 100
107 115.7 93.8 140.6
121 57.3 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.614 ng
RT: 10.192 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion: 93 Resp: 1365114
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 53.630 ng

RT: 10.416 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

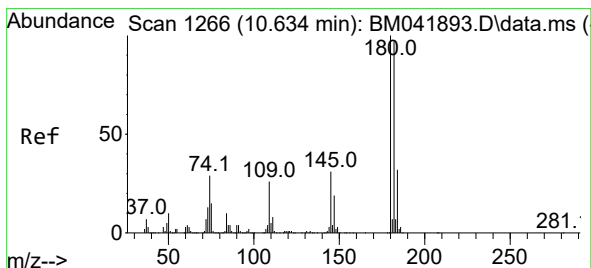
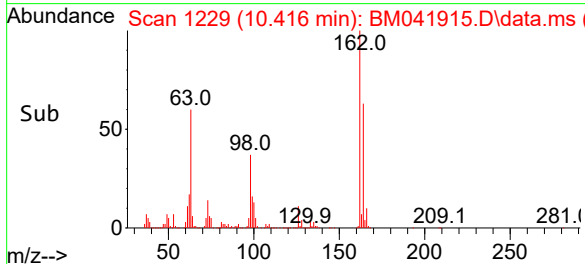
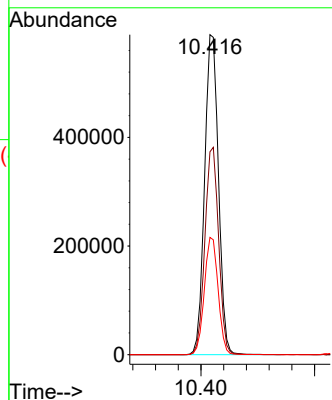
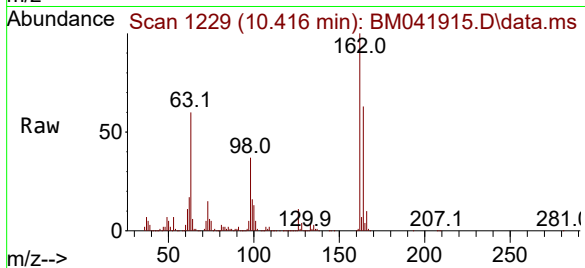
Tgt Ion:162 Resp: 995297

Ion Ratio Lower Upper

162 100

164 63.4 45.2 85.2

98 36.7 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 51.137 ng

RT: 10.634 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

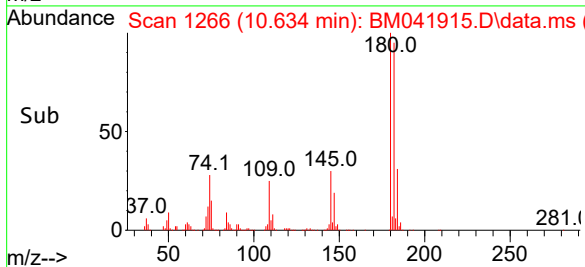
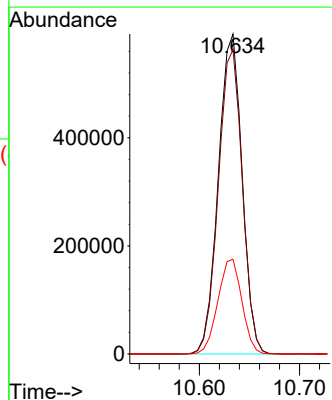
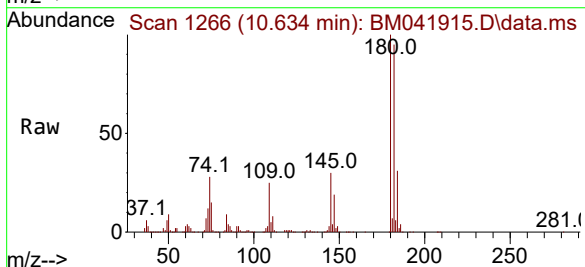
Tgt Ion:180 Resp: 974356

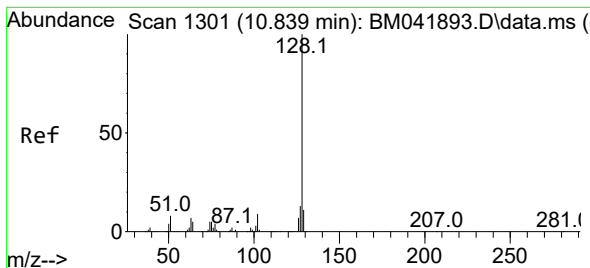
Ion Ratio Lower Upper

180 100

182 95.2 77.7 116.5

145 29.6 24.6 37.0

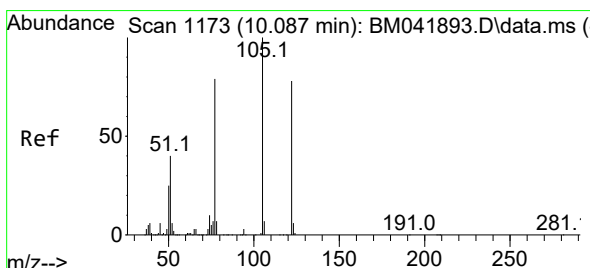
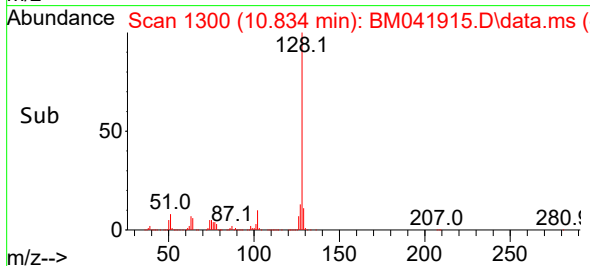
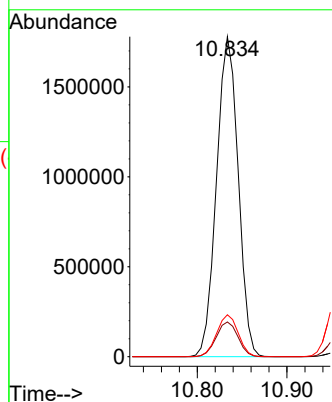
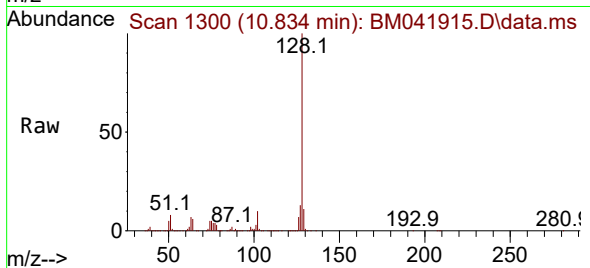




#31
Naphthalene
Concen: 48.734 ng
RT: 10.834 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

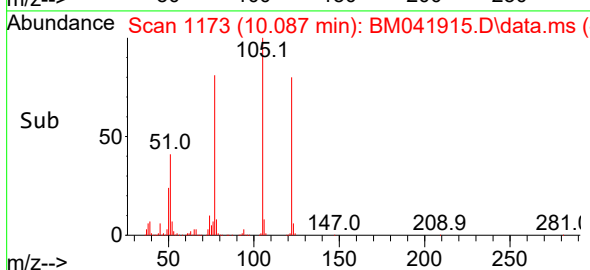
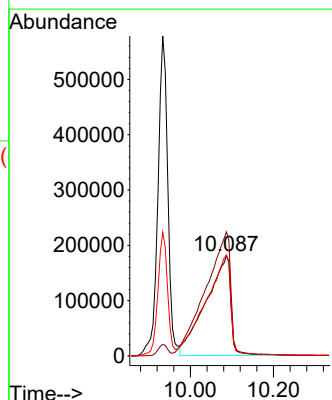
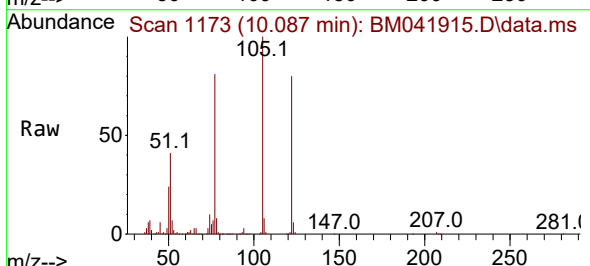
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

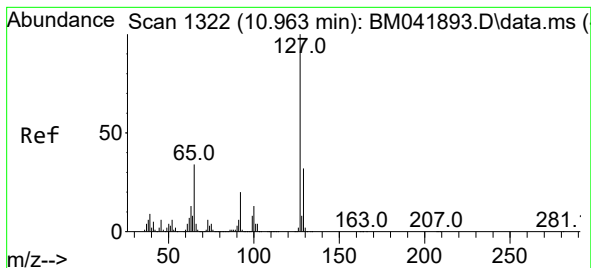
Tgt Ion:128 Resp: 2979535
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 49.338 ng
RT: 10.087 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:122 Resp: 745481
Ion Ratio Lower Upper
122 100
105 124.4 103.7 143.7
77 101.3 79.3 119.3





#33

4-Chloroaniline

Concen: 24.523 ng

RT: 10.957 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

Tgt Ion:127 Resp: 671049

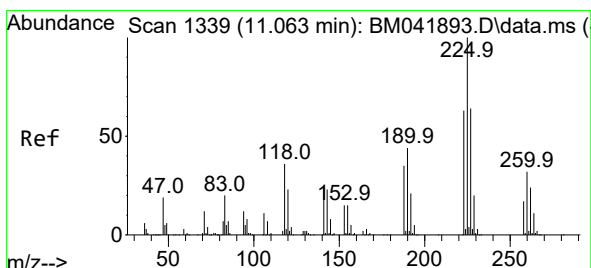
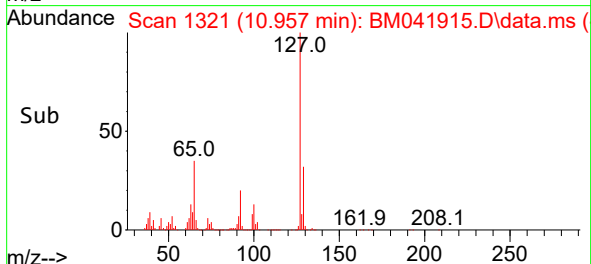
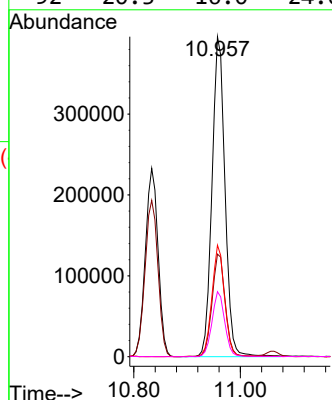
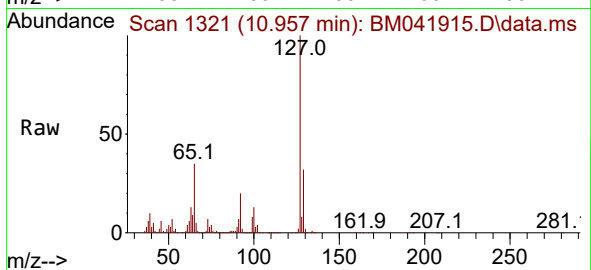
Ion Ratio Lower Upper

127 100

129 32.0 25.7 38.5

65 34.9 27.3 40.9

92 20.3 16.0 24.0



#34

Hexachlorobutadiene

Concen: 49.337 ng

RT: 11.063 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

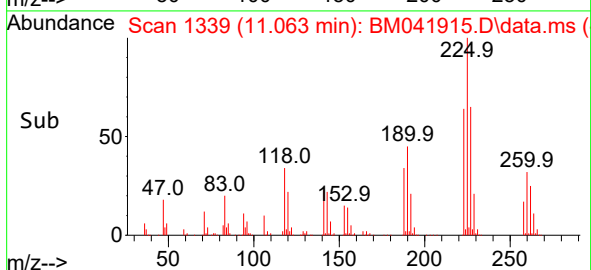
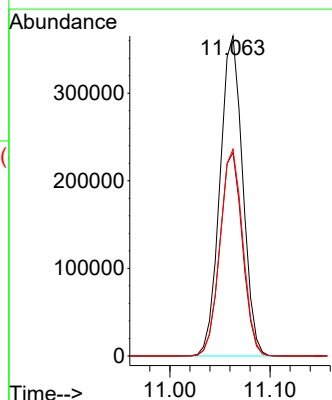
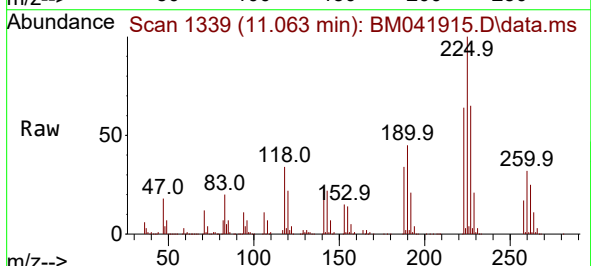
Tgt Ion:225 Resp: 574188

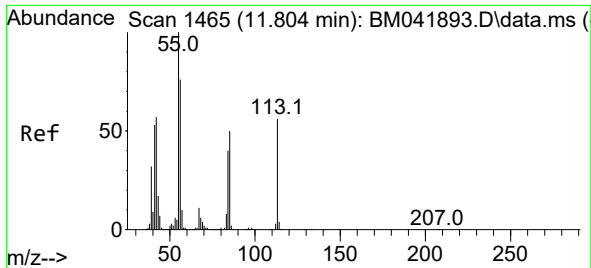
Ion Ratio Lower Upper

225 100

223 63.5 50.7 76.1

227 64.6 51.4 77.0

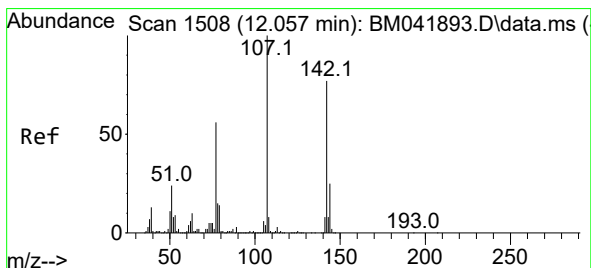
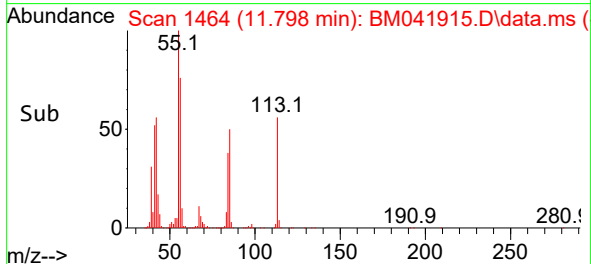
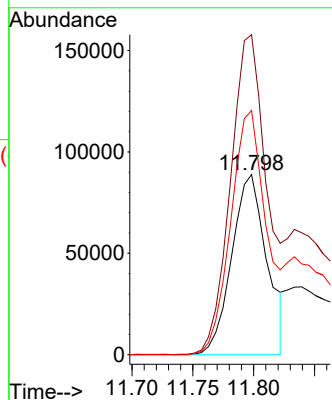
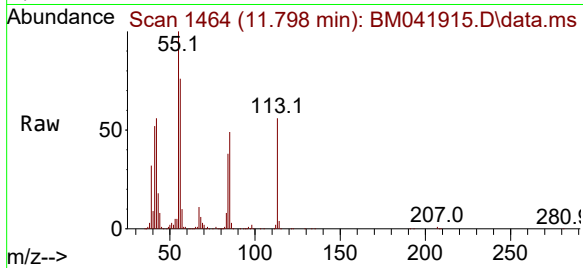




#35
Caprolactam
Concen: 26.846 ng
RT: 11.798 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

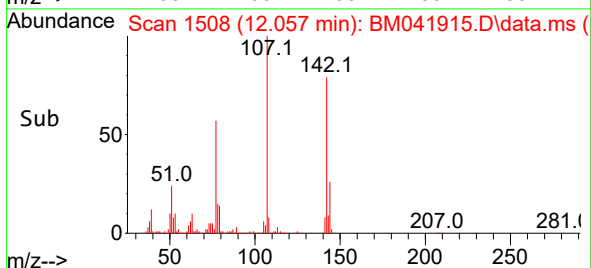
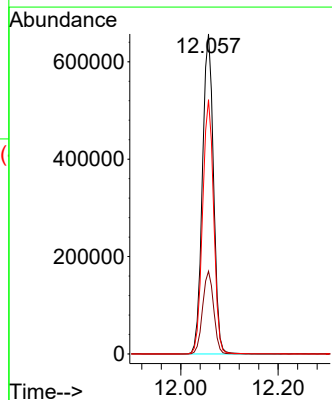
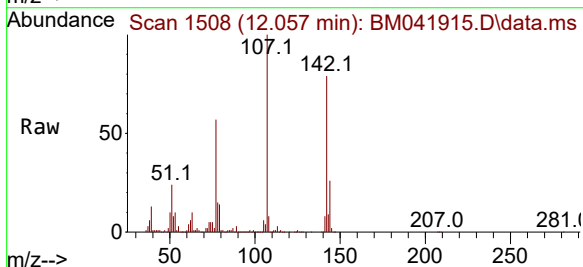
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

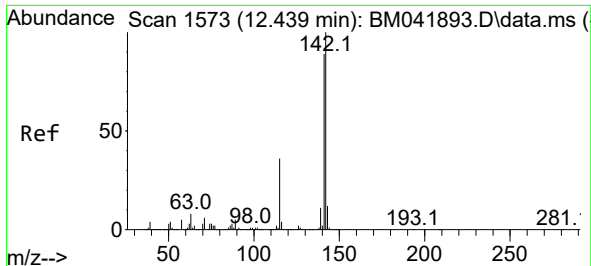
Tgt Ion:113 Resp: 178070
Ion Ratio Lower Upper
113 100
55 177.7 158.5 198.5
56 135.6 115.8 155.8



#36
4-Chloro-3-methylphenol
Concen: 50.217 ng
RT: 12.057 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:107 Resp: 1038618
Ion Ratio Lower Upper
107 100
144 25.8 20.2 30.2
142 79.5 61.7 92.5





#37

2-Methylnaphthalene

Concen: 46.261 ng

RT: 12.433 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

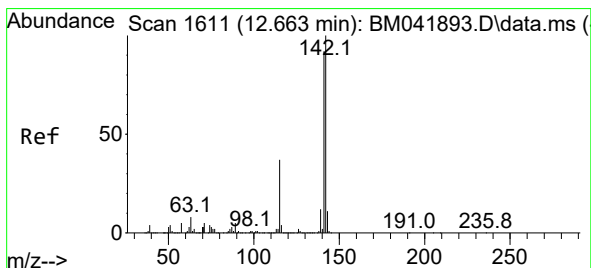
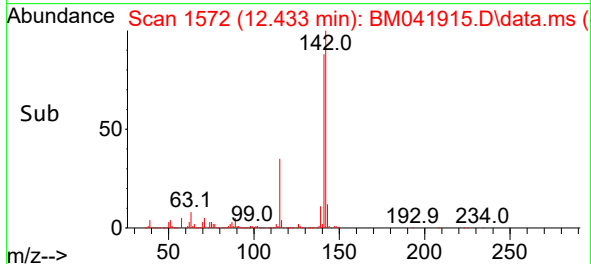
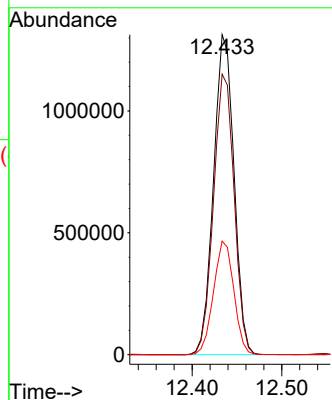
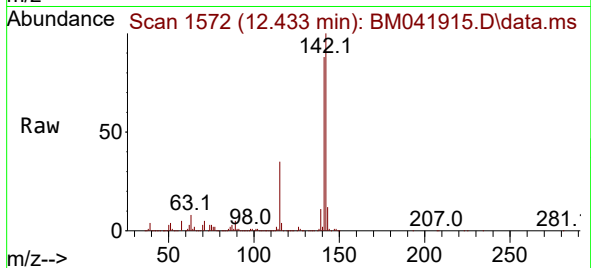
Tgt Ion:142 Resp: 2079569

Ion Ratio Lower Upper

142 100

141 87.7 70.9 106.3

115 35.5 28.5 42.7



#38

1-Methylnaphthalene

Concen: 47.297 ng

RT: 12.657 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

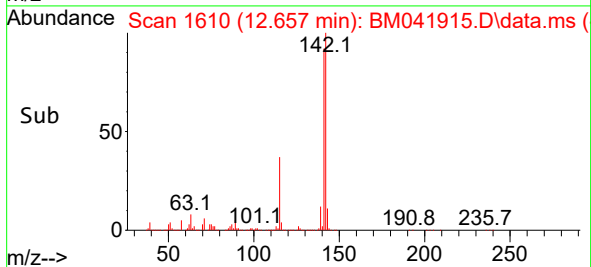
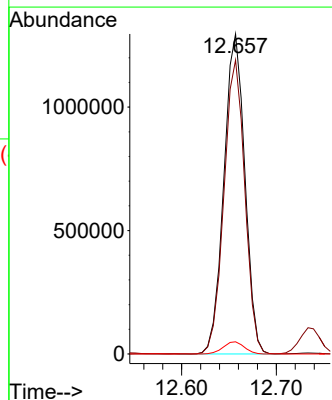
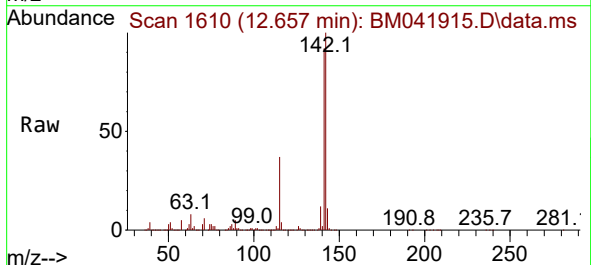
Tgt Ion:142 Resp: 1996816

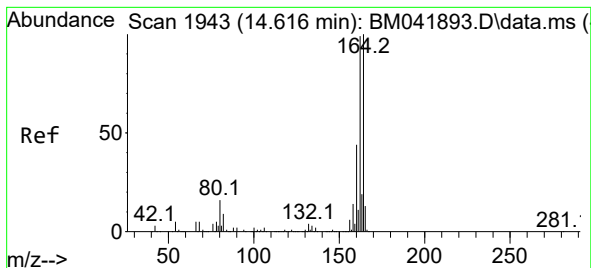
Ion Ratio Lower Upper

142 100

141 91.9 73.8 110.6

116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

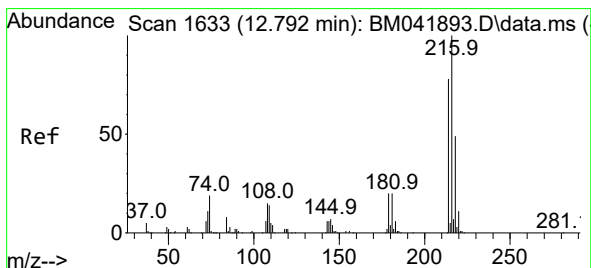
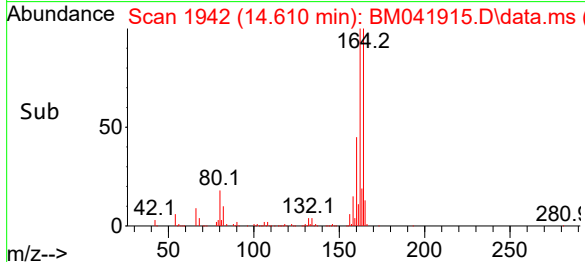
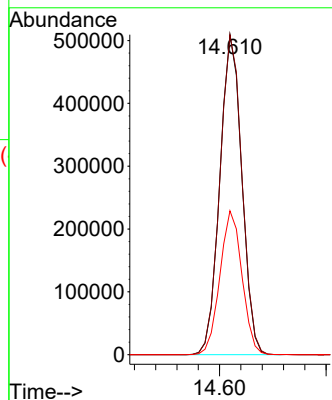
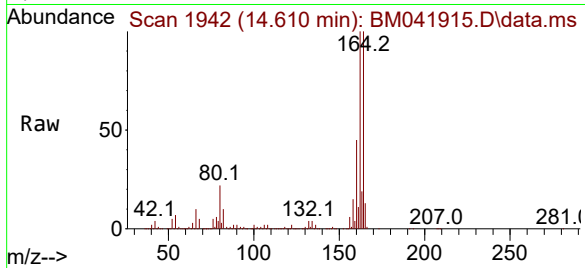
Tgt Ion:164 Resp: 728056

Ion Ratio Lower Upper

164 100

162 99.9 79.3 118.9

160 44.9 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.067 ng

RT: 12.786 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Tgt Ion:216 Resp: 1078242

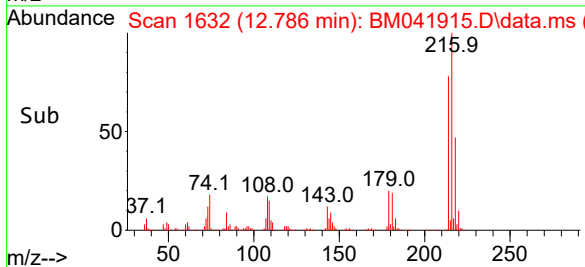
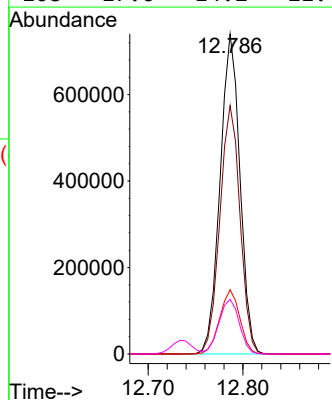
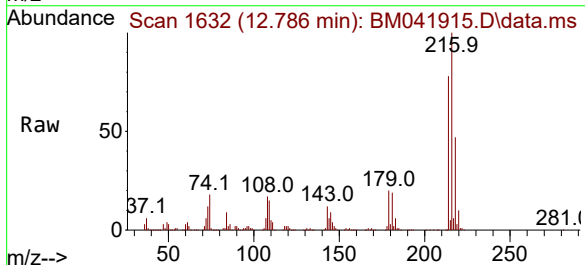
Ion Ratio Lower Upper

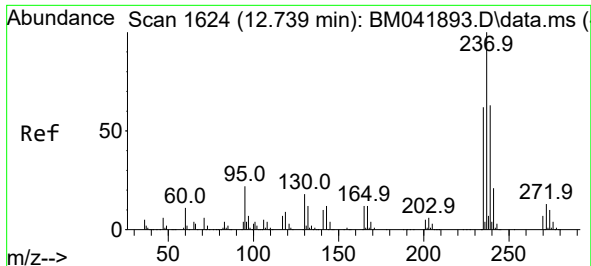
216 100

214 78.7 62.6 93.8

179 20.4 16.3 24.5

108 17.6 14.2 21.4

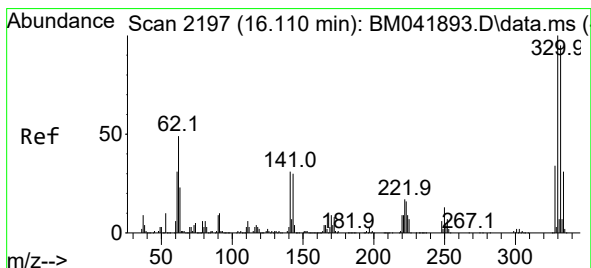
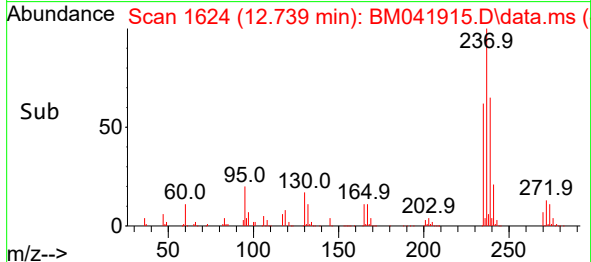
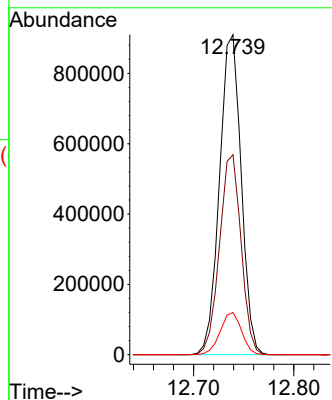
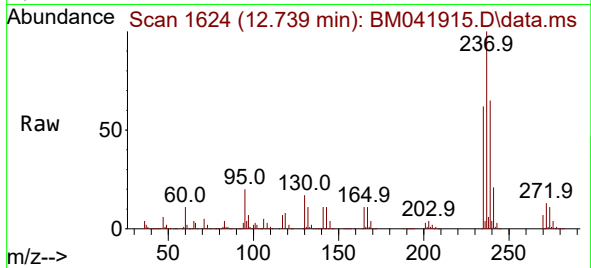




#41
Hexachlorocyclopentadiene
Concen: 115.034 ng
RT: 12.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

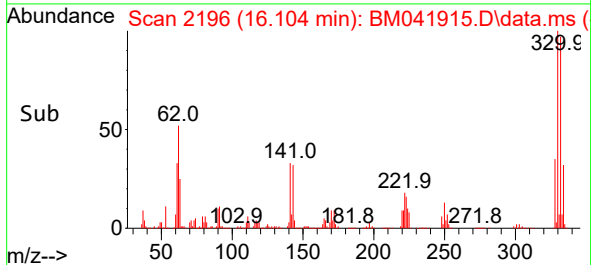
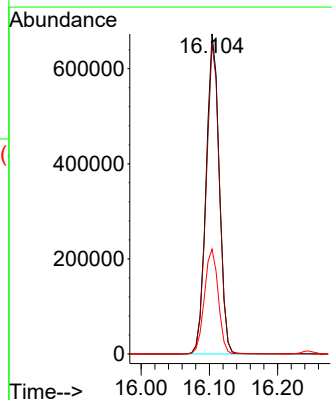
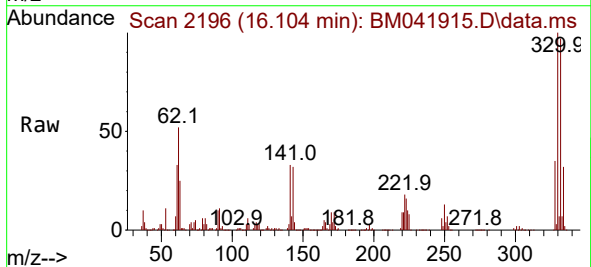
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

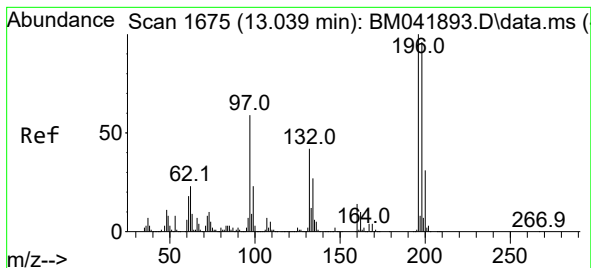
Tgt Ion:237 Resp: 1365719
Ion Ratio Lower Upper
237 100
235 62.5 42.0 82.0
272 13.2 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 99.839 ng
RT: 16.104 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:330 Resp: 906929
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 34.3 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 53.833 ng

RT: 13.039 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

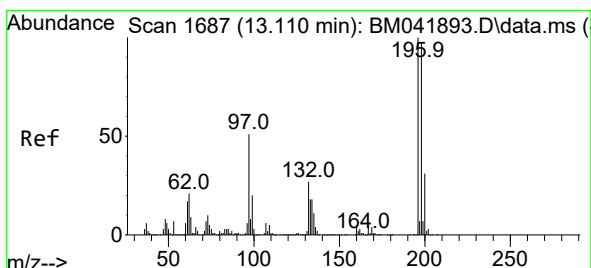
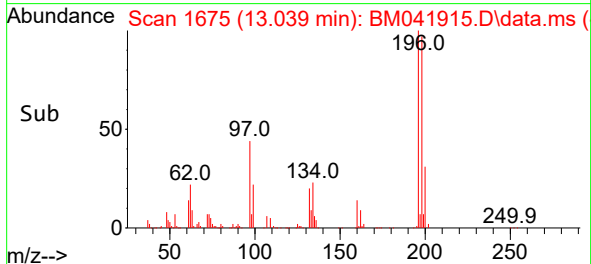
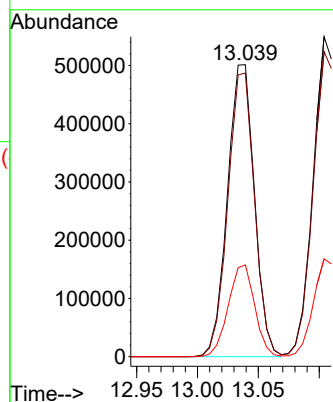
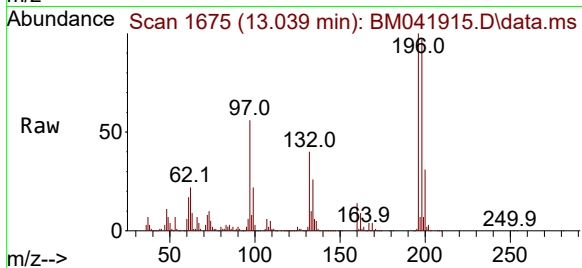
Tgt Ion:196 Resp: 773534

Ion Ratio Lower Upper

196 100

198 97.2 76.9 115.3

200 31.5 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 49.601 ng

RT: 13.104 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Tgt Ion:196 Resp: 834131

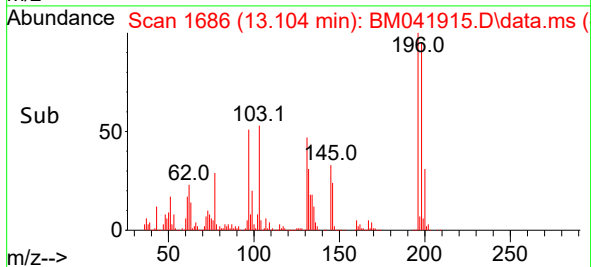
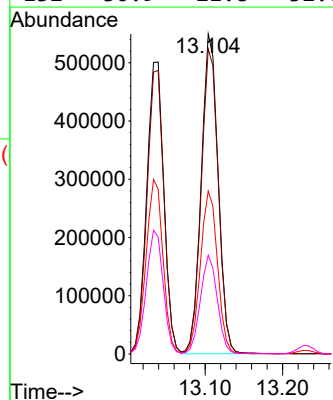
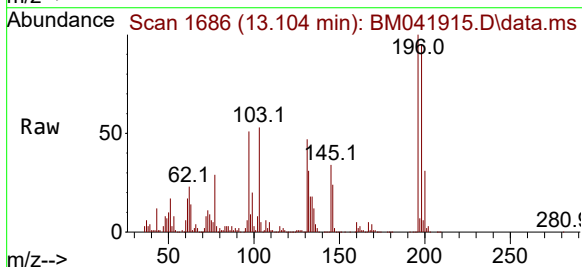
Ion Ratio Lower Upper

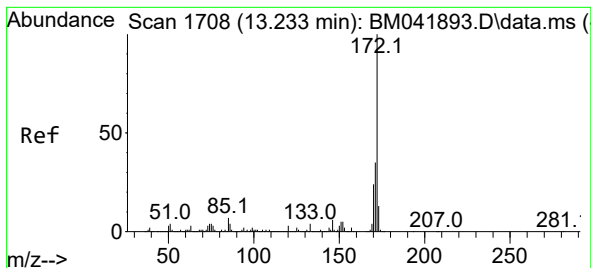
196 100

198 95.3 77.2 115.8

97 50.9 41.1 61.7

132 30.9 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 99.819 ng

RT: 13.228 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

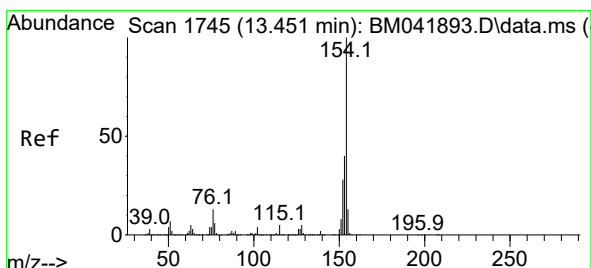
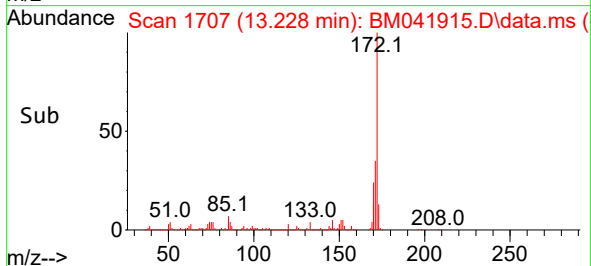
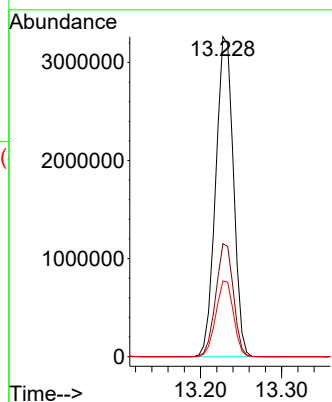
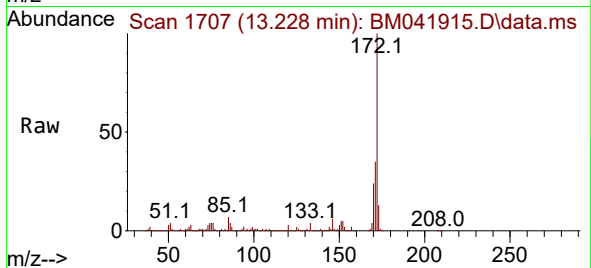
Tgt Ion:172 Resp: 4951302

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 50.669 ng

RT: 13.445 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

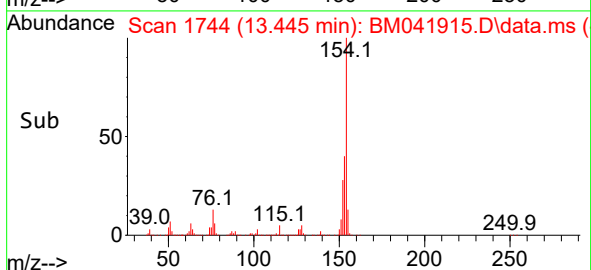
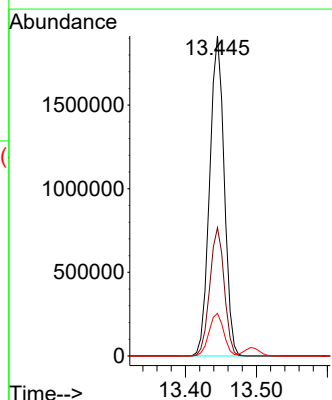
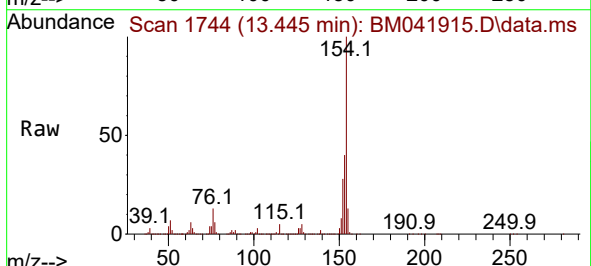
Tgt Ion:154 Resp: 2721782

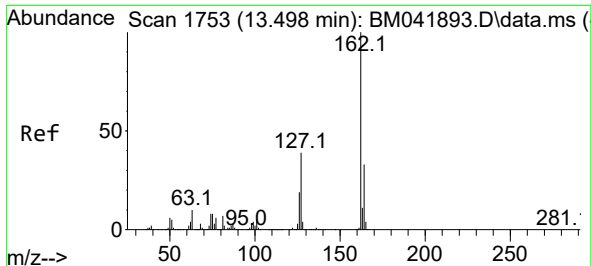
Ion Ratio Lower Upper

154 100

153 40.1 19.9 59.9

76 13.3 0.0 33.1

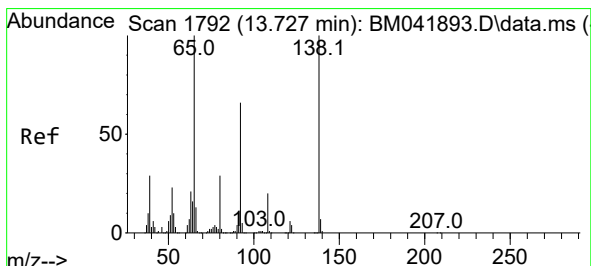
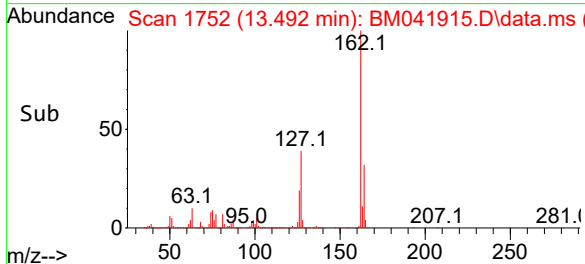
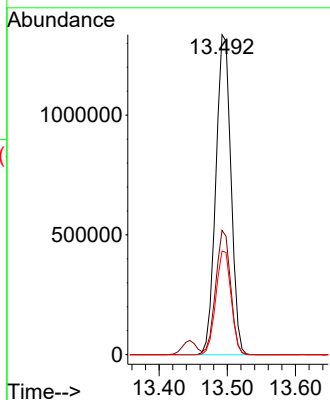
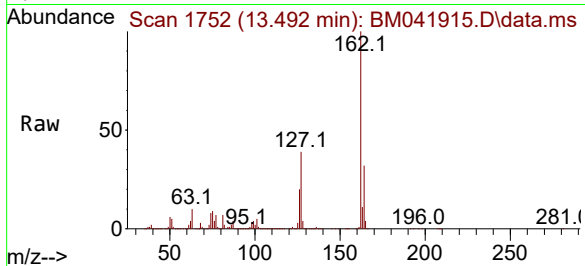




#47
2-Chloronaphthalene
Concen: 52.732 ng
RT: 13.492 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

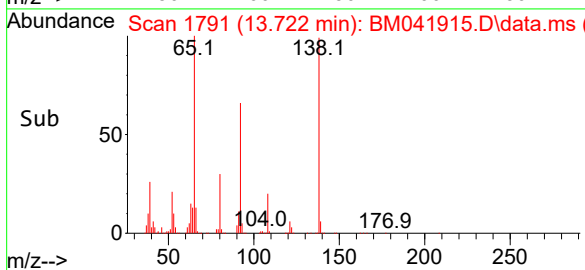
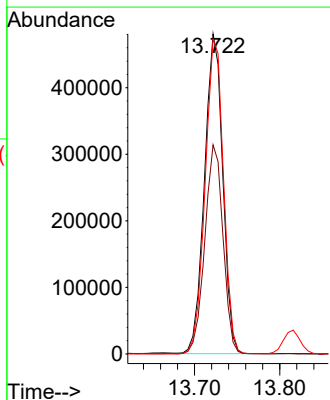
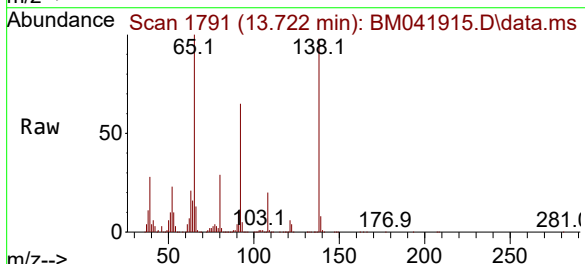
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

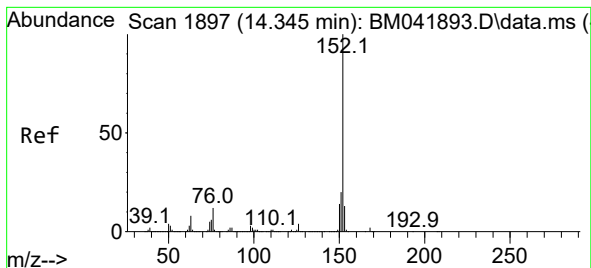
Tgt Ion:162 Resp: 2062863
Ion Ratio Lower Upper
162 100
127 38.8 31.0 46.4
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 50.986 ng
RT: 13.722 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion: 65 Resp: 712713
Ion Ratio Lower Upper
65 100
92 65.3 52.8 79.2
138 98.5 80.3 120.5





#49

Acenaphthylene

Concen: 52.146 ng

RT: 14.339 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

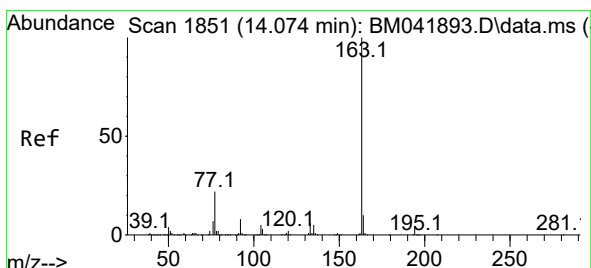
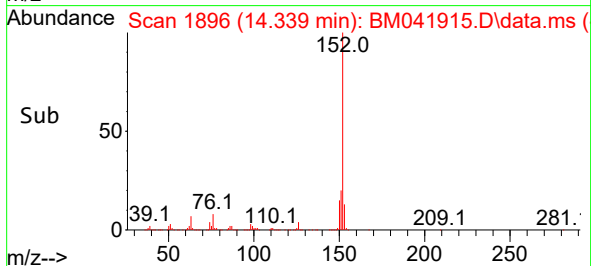
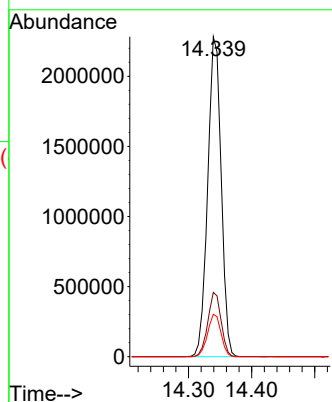
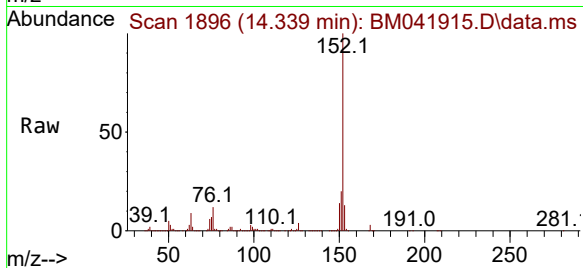
Tgt Ion:152 Resp: 3385429

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 49.163 ng

RT: 14.075 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

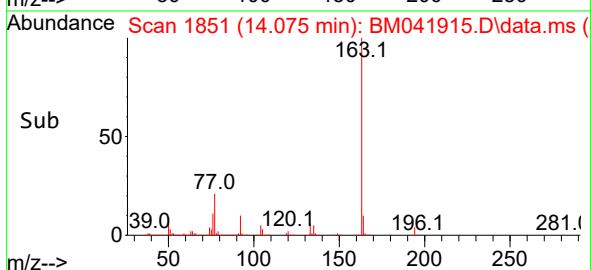
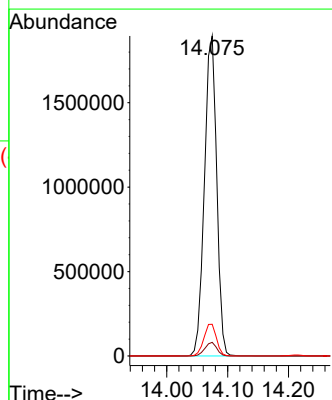
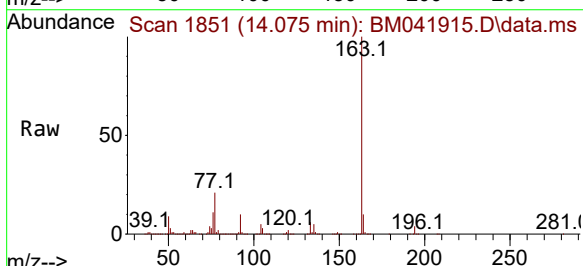
Tgt Ion:163 Resp: 2646168

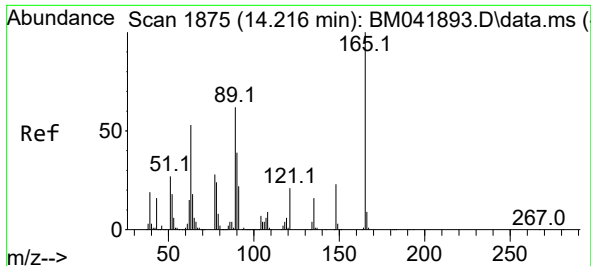
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.9 8.2 12.4

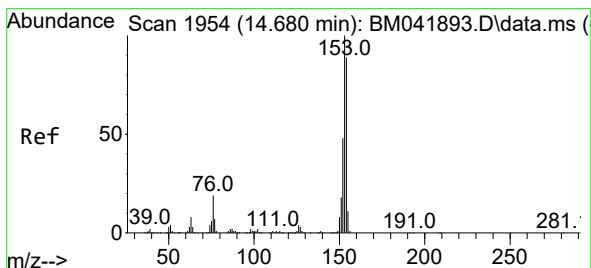
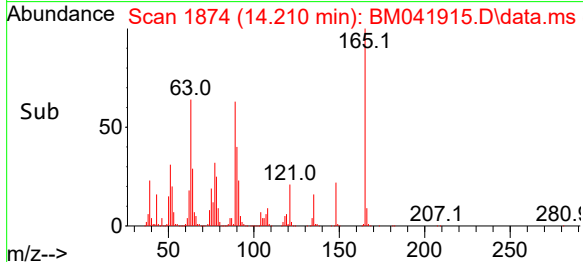
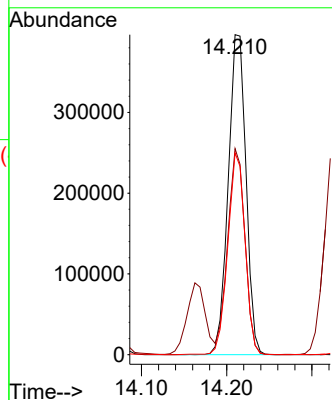
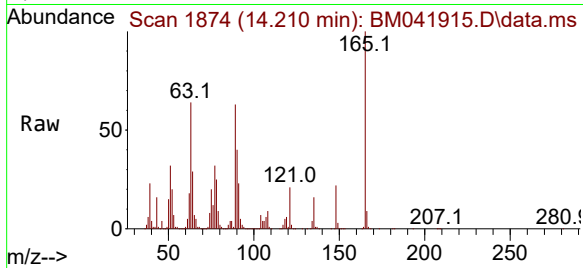




#51
2,6-Dinitrotoluene
Concen: 50.244 ng
RT: 14.210 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

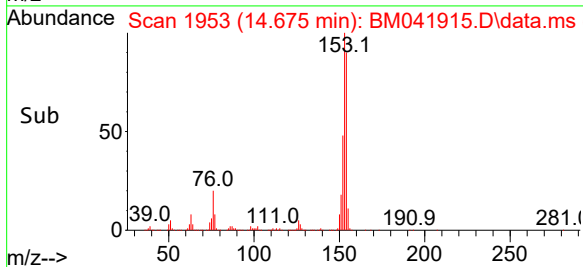
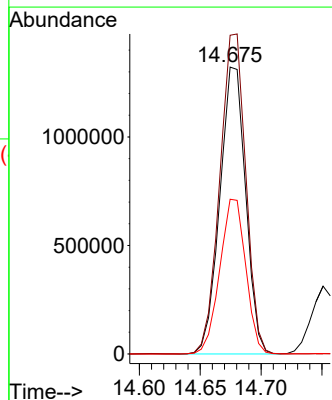
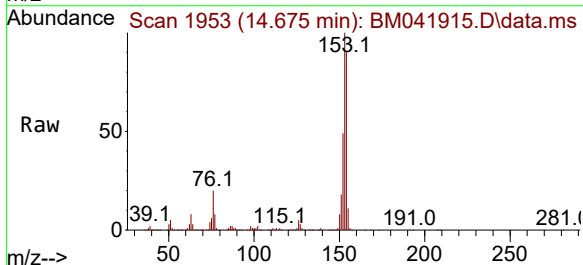
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

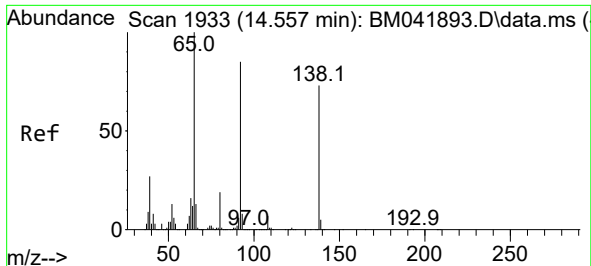
Tgt Ion:165 Resp: 573106
Ion Ratio Lower Upper
165 100
63 64.4 50.2 75.2
89 63.1 49.3 73.9



#52
Acenaphthene
Concen: 49.990 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:154 Resp: 1951991
Ion Ratio Lower Upper
154 100
153 111.1 90.3 135.5
152 53.9 43.4 65.2

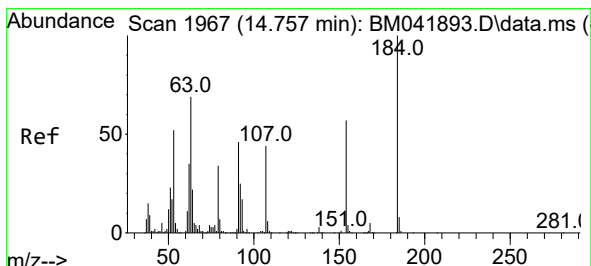
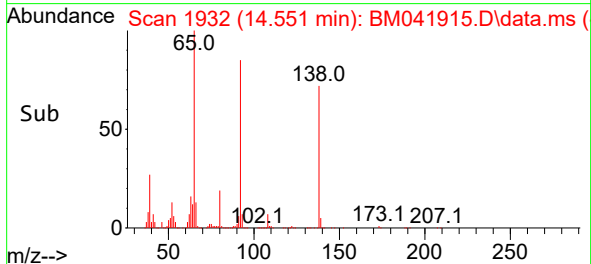
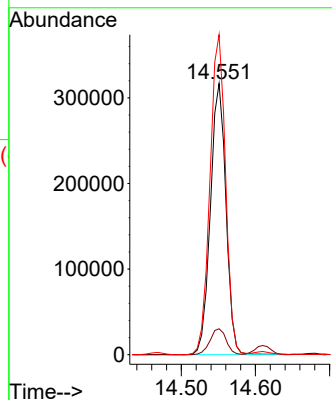
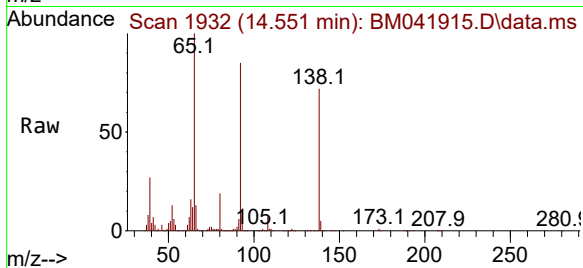




#53
3-Nitroaniline
Concen: 36.041 ng
RT: 14.551 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

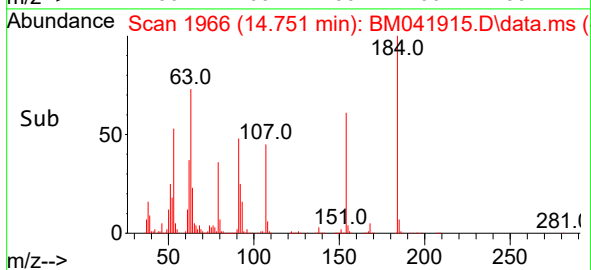
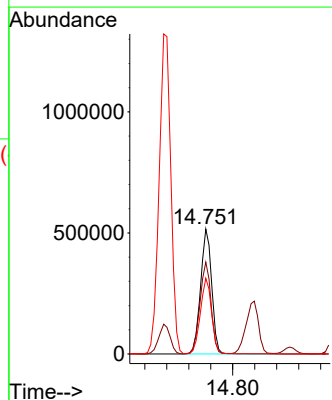
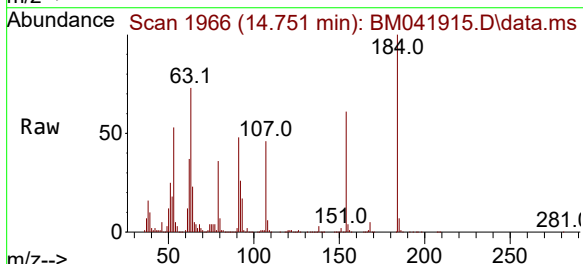
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

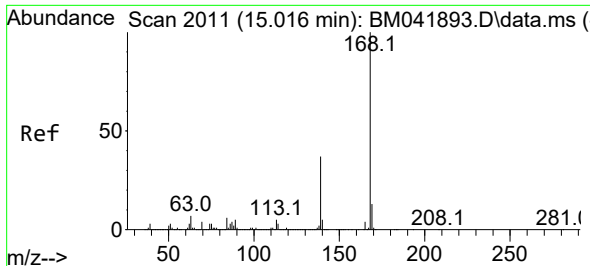
Tgt Ion:138 Resp: 460134
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 118.0 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 102.061 ng
RT: 14.751 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:184 Resp: 727062
Ion Ratio Lower Upper
184 100
63 73.5 55.8 83.8
154 60.6 48.9 73.3

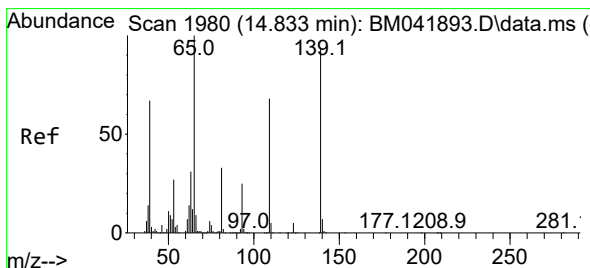
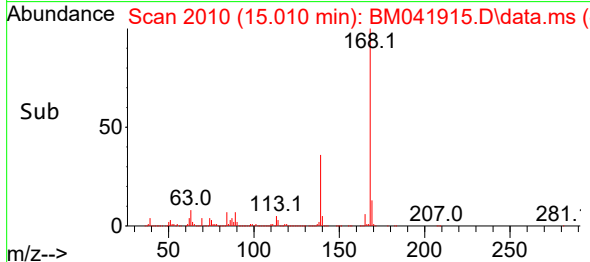
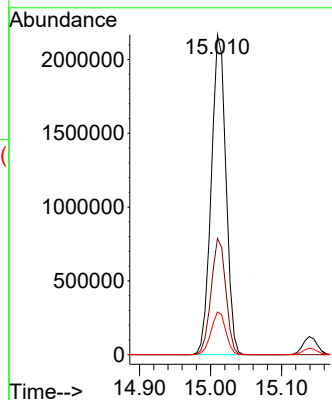
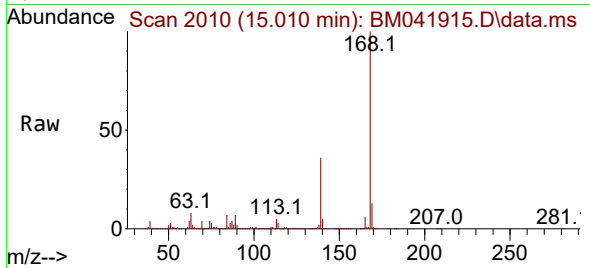




#55
Dibenzofuran
Concen: 49.338 ng
RT: 15.010 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

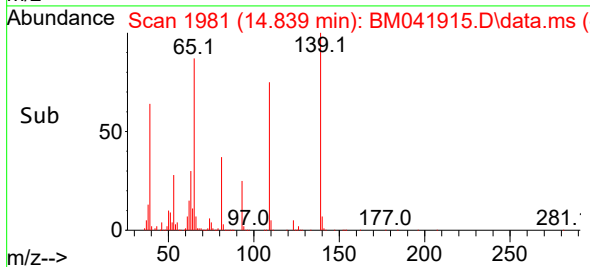
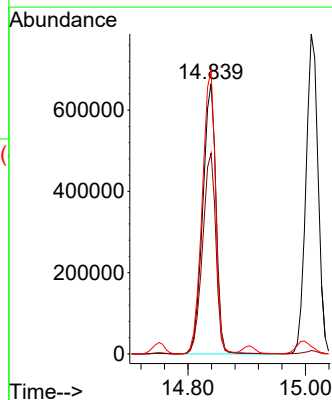
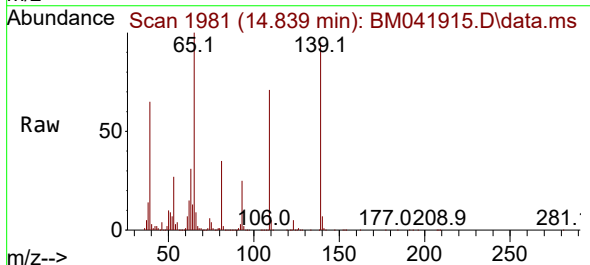
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

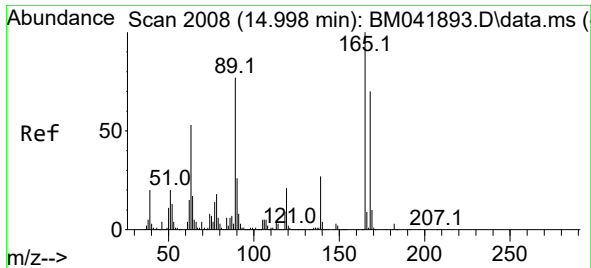
Tgt Ion:168 Resp: 3109838
Ion Ratio Lower Upper
168 100
139 36.3 29.4 44.2
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 103.072 ng
RT: 14.839 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:139 Resp: 1043641
Ion Ratio Lower Upper
139 100
109 74.3 53.4 93.4
65 105.1 87.4 127.4





#57

2,4-Dinitrotoluene

Concen: 50.805 ng

RT: 14.998 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

Tgt Ion:165 Resp: 766700

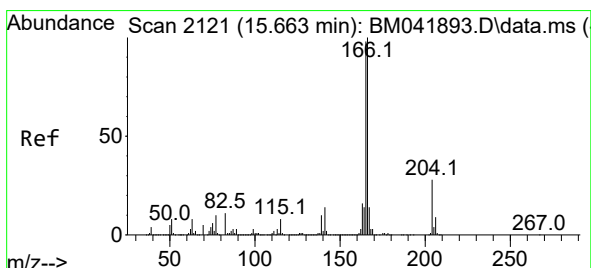
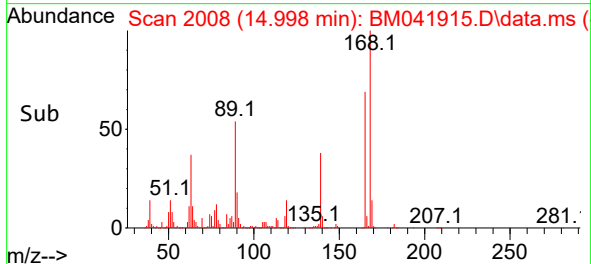
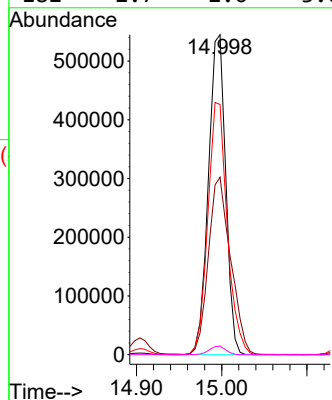
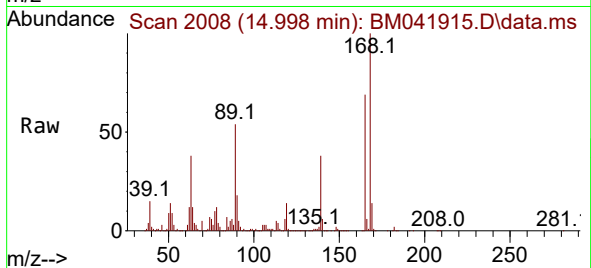
Ion Ratio Lower Upper

165 100

63 55.4 42.3 63.5

89 78.2 61.8 92.6

182 2.7 2.0 3.0



#58

Fluorene

Concen: 49.409 ng

RT: 15.663 min Scan# 2121

Delta R.T. 0.000 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

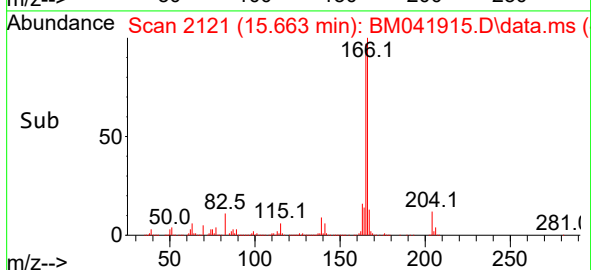
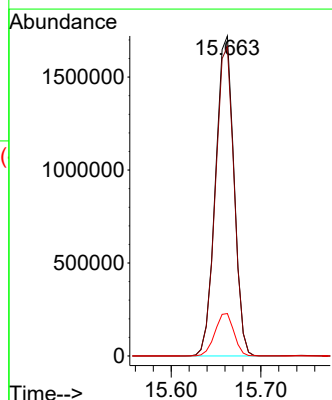
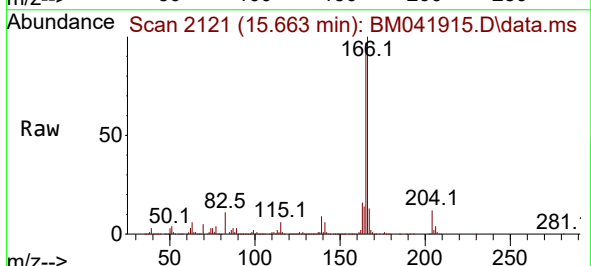
Tgt Ion:166 Resp: 2455287

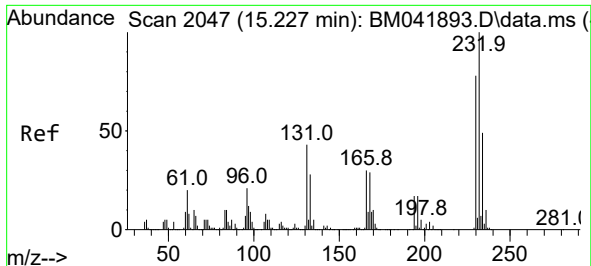
Ion Ratio Lower Upper

166 100

165 96.7 78.2 117.2

167 13.3 11.0 16.6

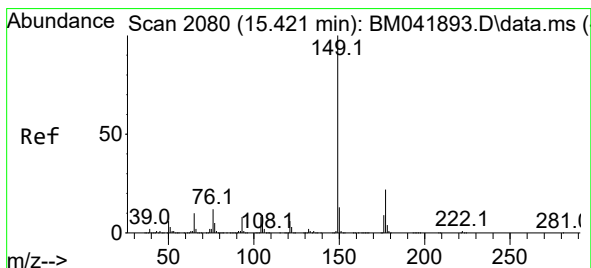
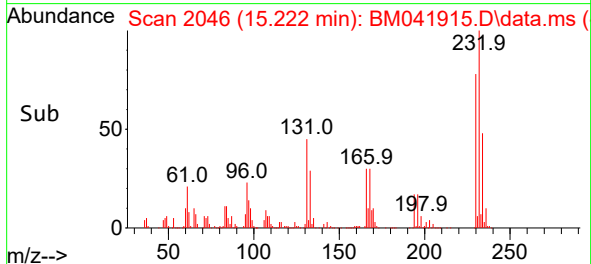
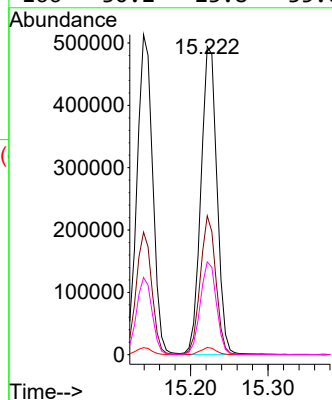
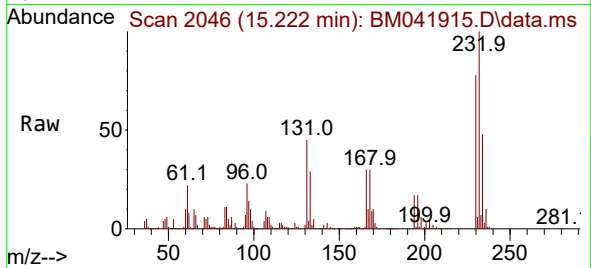




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.468 ng
RT: 15.222 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

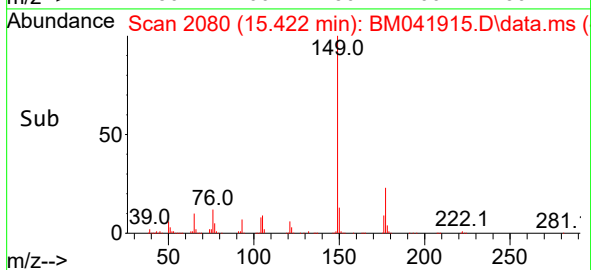
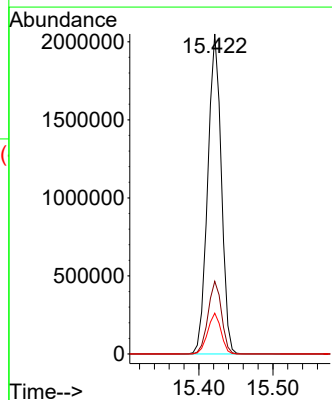
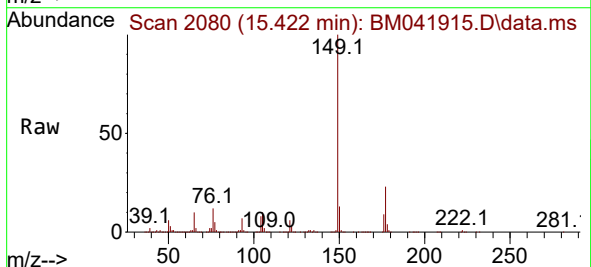
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

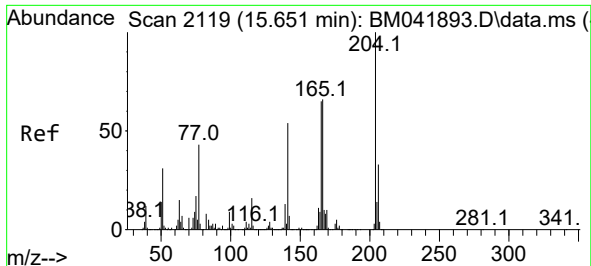
Tgt Ion:232 Resp: 710422
Ion Ratio Lower Upper
232 100
131 43.9 34.6 51.8
130 2.3 1.8 2.8
166 30.2 23.8 35.6



#60
Diethylphthalate
Concen: 48.610 ng
RT: 15.422 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:149 Resp: 2602621
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.8 10.1 15.1

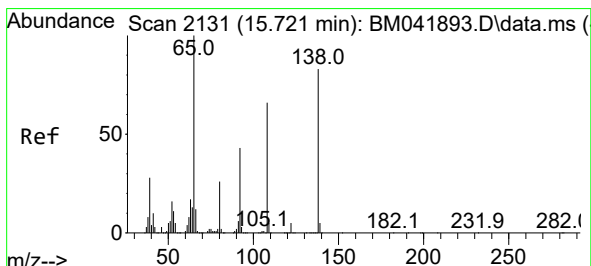
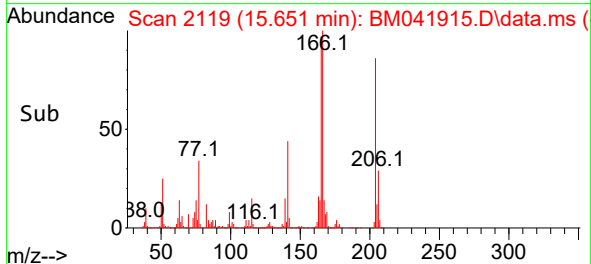
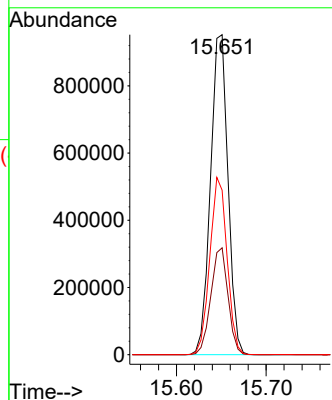
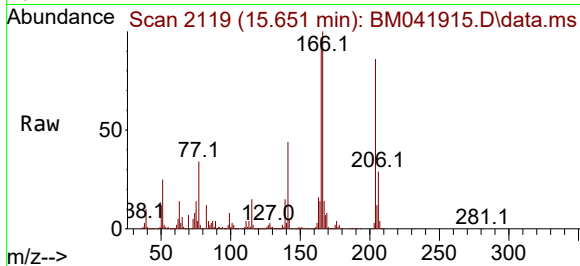




#61
4-Chlorophenyl-phenylether
Concen: 49.321 ng
RT: 15.651 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

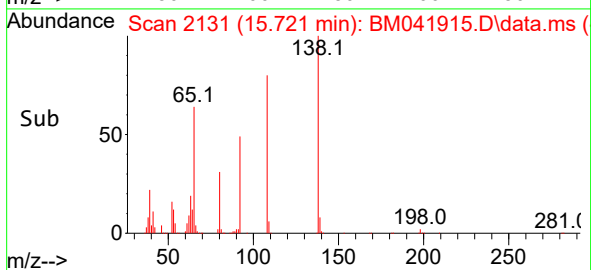
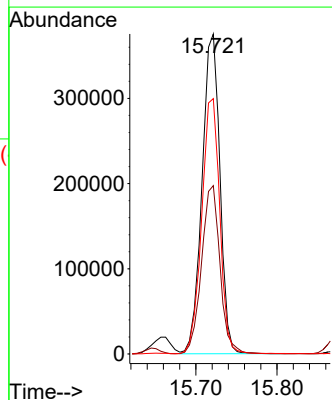
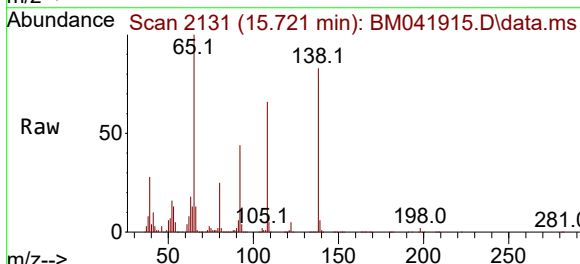
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

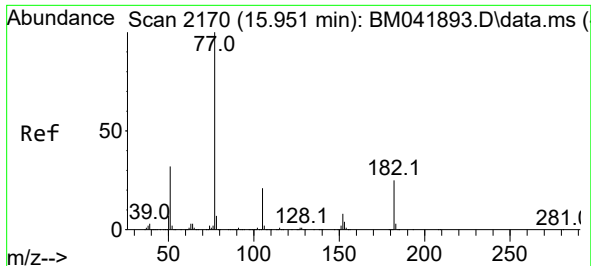
Tgt Ion:204 Resp: 1285778
Ion Ratio Lower Upper
204 100
206 33.4 26.1 39.1
141 51.4 43.6 65.4



#62
4-Nitroaniline
Concen: 46.606 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:138 Resp: 572177
Ion Ratio Lower Upper
138 100
92 52.6 32.3 72.3
108 79.8 59.0 99.0



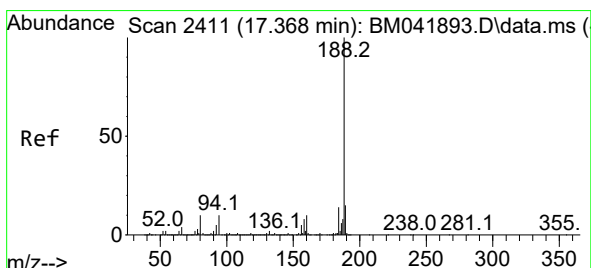
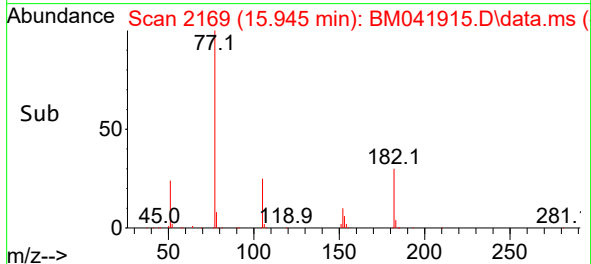
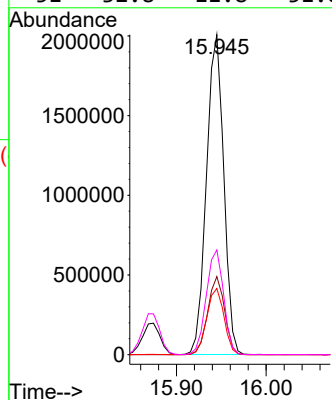
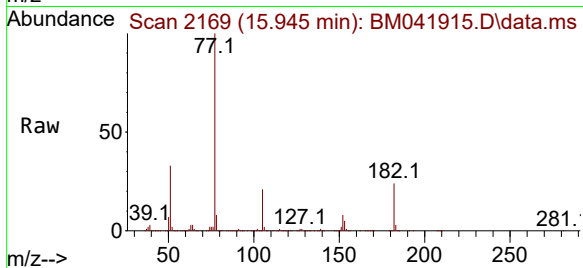


#63
Azobenzene
Concen: 49.470 ng
RT: 15.945 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Instrument :
BNA_M
ClientSampleId :
PB155451BSD

Tgt Ion: 77 Resp: 2685189

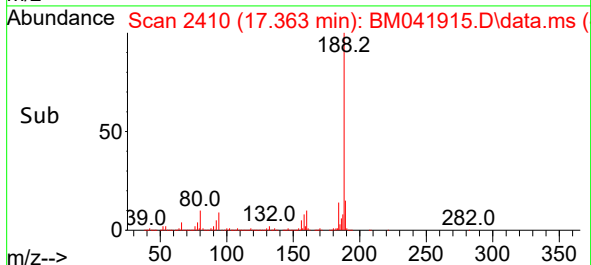
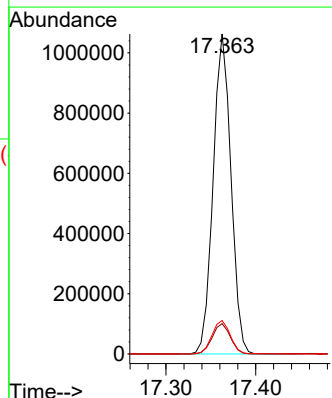
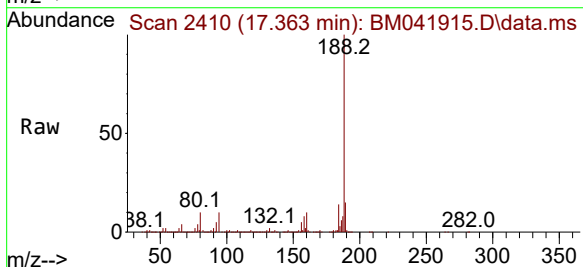
Ion	Ratio	Lower	Upper
77	100		
182	24.4	4.9	44.9
105	20.7	0.7	40.7
51	32.8	11.8	51.8

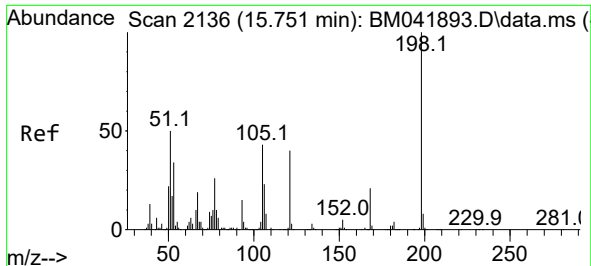


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion: 188 Resp: 1465385

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	10.5	8.3	12.5

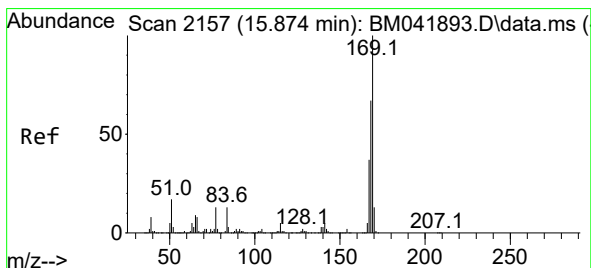
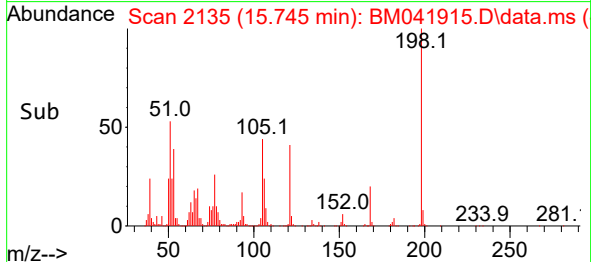
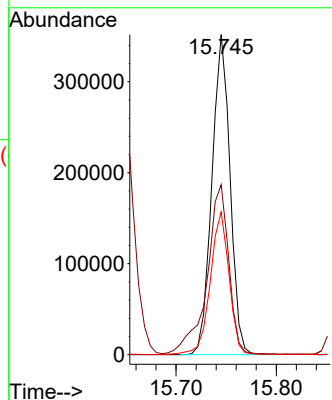
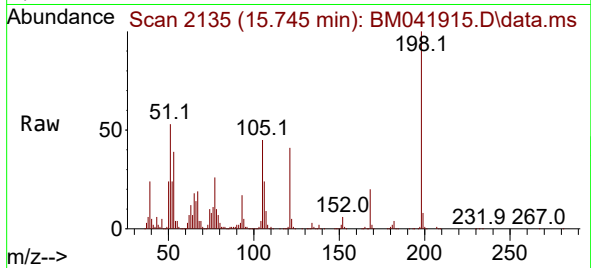




#65
4,6-Dinitro-2-methylphenol
Concen: 52.650 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

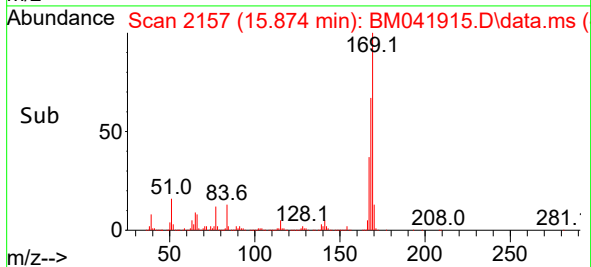
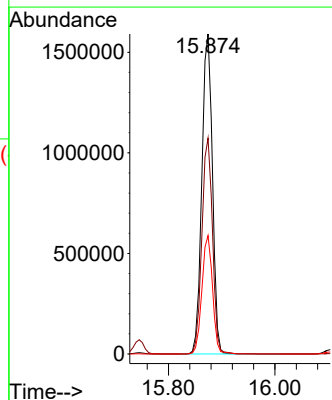
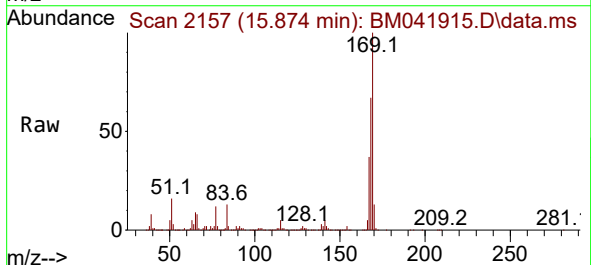
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

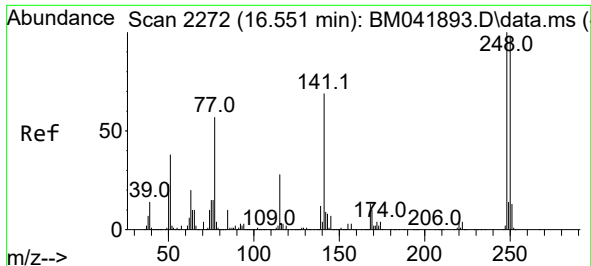
Tgt Ion:198 Resp: 443034
Ion Ratio Lower Upper
198 100
51 53.1 32.0 72.0
105 44.6 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 52.809 ng
RT: 15.874 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:169 Resp: 2185624
Ion Ratio Lower Upper
169 100
168 67.4 53.6 80.4
167 37.0 29.4 44.0

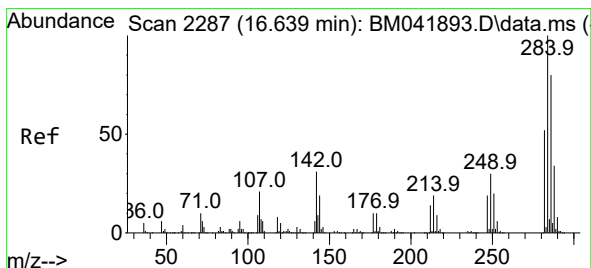
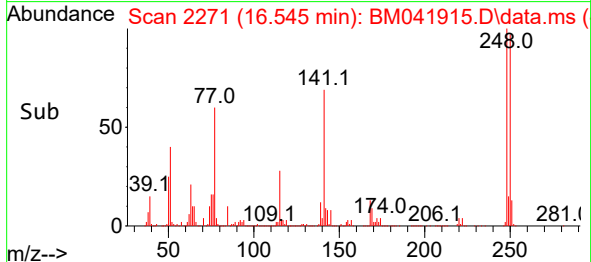
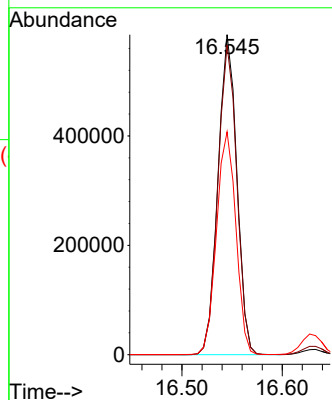
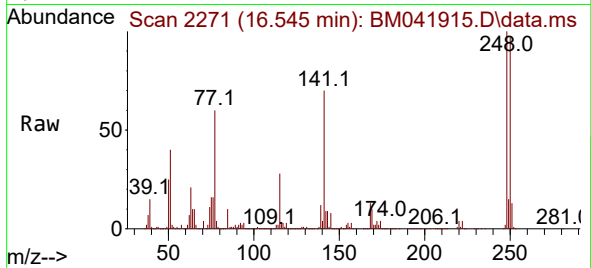




#67
4-Bromophenyl-phenylether
Concen: 50.591 ng
RT: 16.545 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

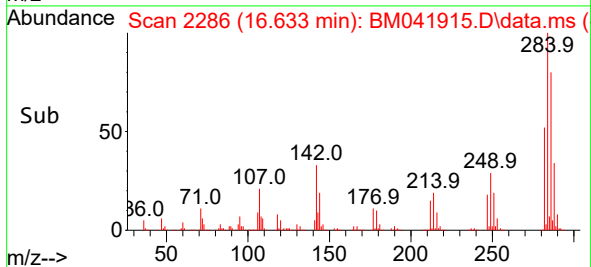
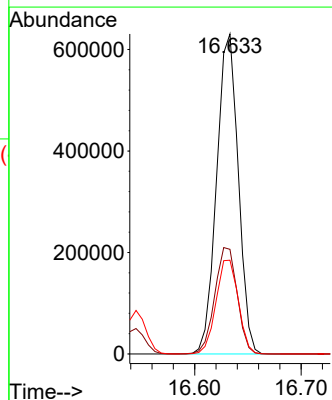
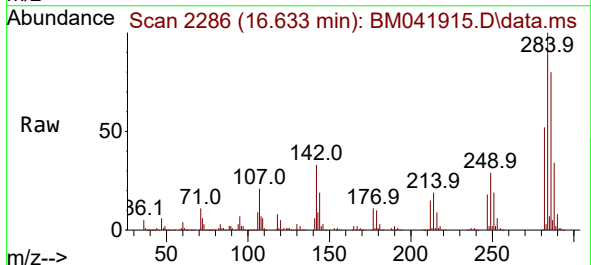
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

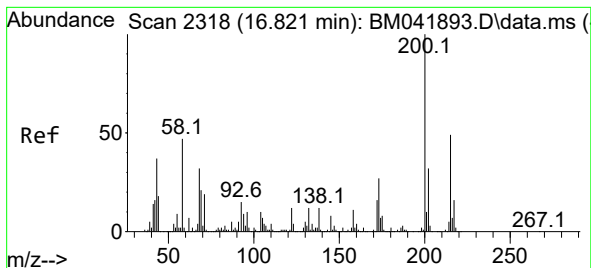
Tgt Ion:248 Resp: 763962
Ion Ratio Lower Upper
248 100
250 96.7 78.0 117.0
141 69.6 55.1 82.7



#68
Hexachlorobenzene
Concen: 55.626 ng
RT: 16.633 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:284 Resp: 889381
Ion Ratio Lower Upper
284 100
142 32.7 24.8 37.2
249 29.3 24.0 36.0





#69

Atrazine

Concen: 59.906 ng

RT: 16.816 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

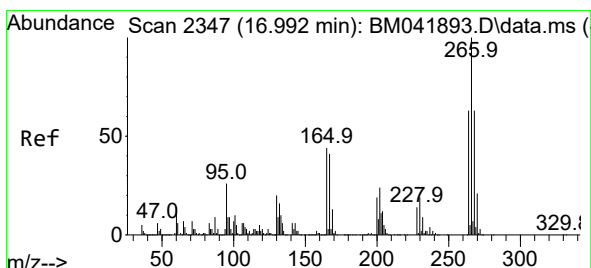
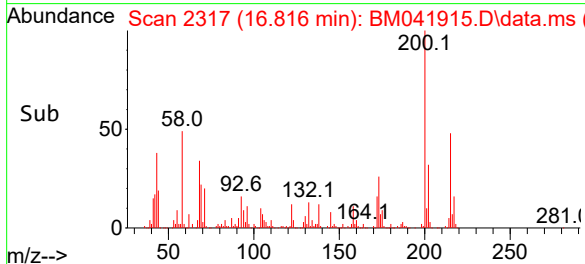
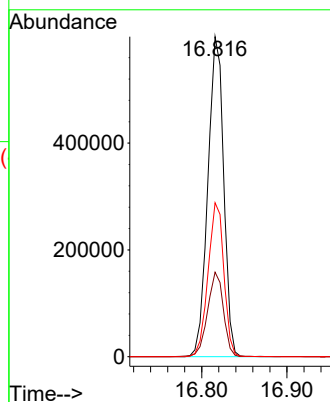
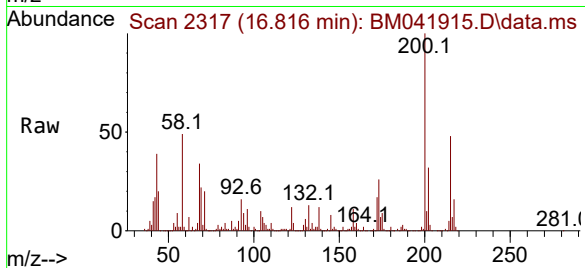
Tgt Ion:200 Resp: 773153

Ion Ratio Lower Upper

200 100

173 26.4 6.5 46.5

215 48.1 28.9 68.9



#70

Pentachlorophenol

Concen: 88.482 ng

RT: 16.992 min Scan# 2347

Delta R.T. 0.000 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

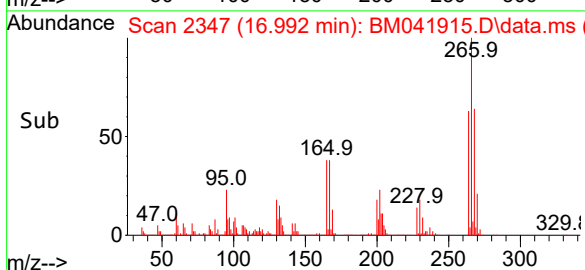
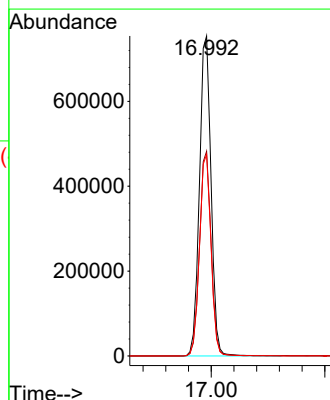
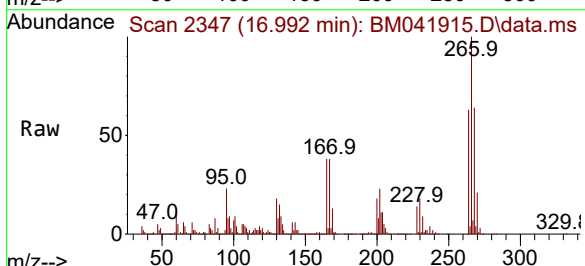
Tgt Ion:266 Resp: 1068870

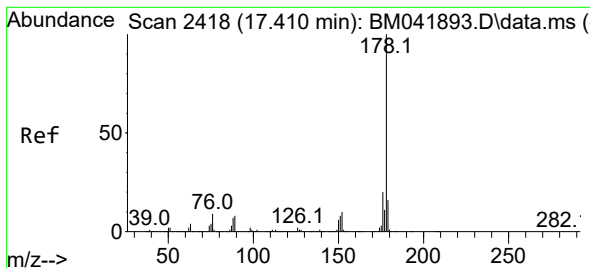
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 63.0 50.6 76.0





#71

Phenanthrene

Concen: 52.388 ng

RT: 17.410 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

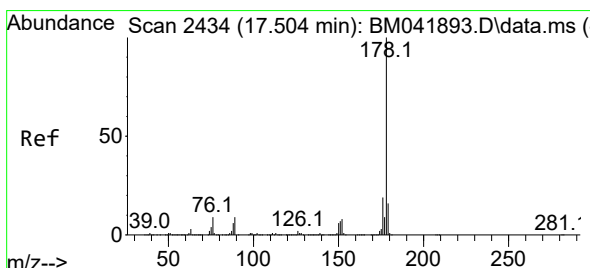
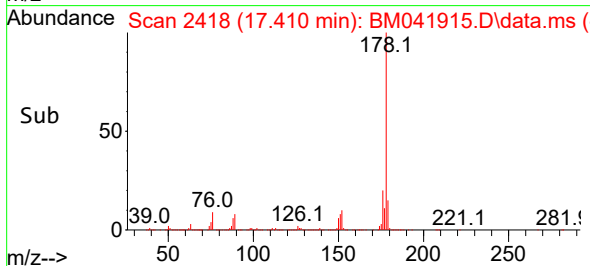
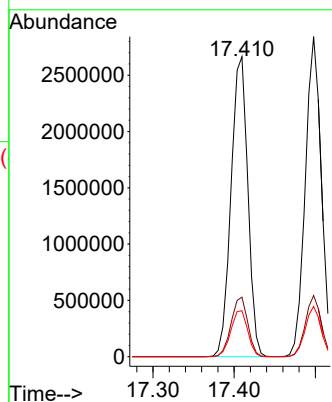
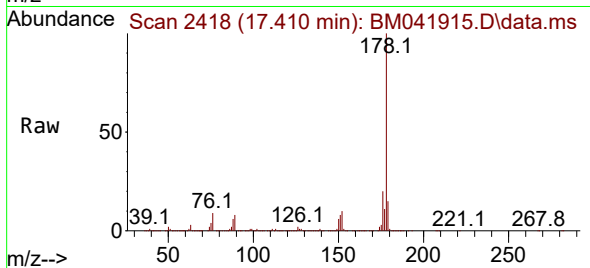
Tgt Ion:178 Resp: 3828667

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 15.3 12.4 18.6



#72

Anthracene

Concen: 52.363 ng

RT: 17.498 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

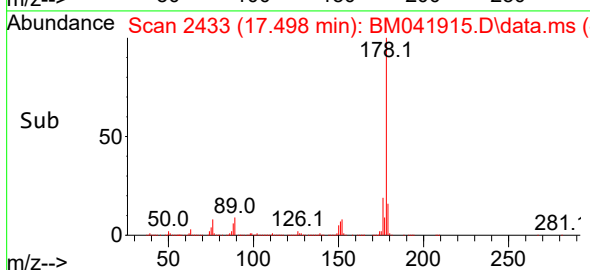
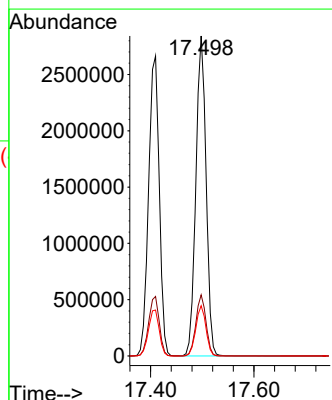
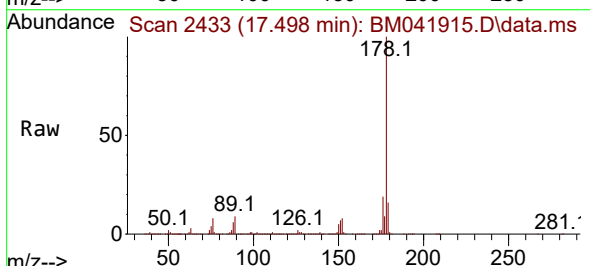
Tgt Ion:178 Resp: 3903775

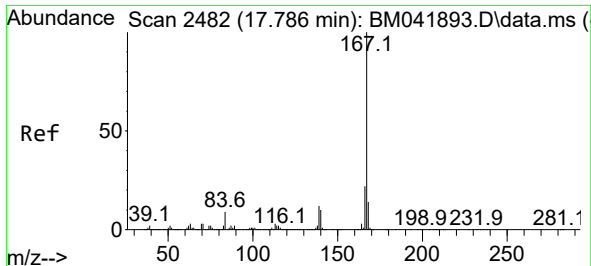
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.7 12.5 18.7

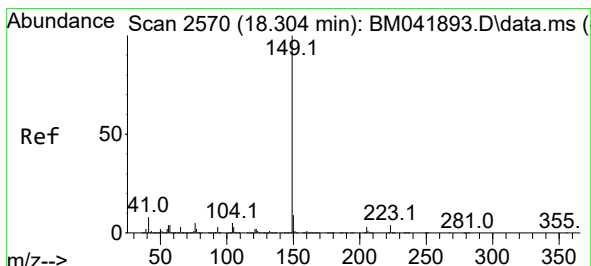
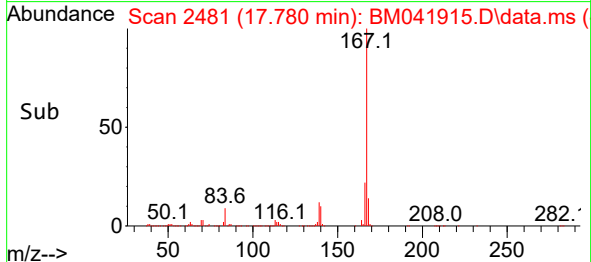
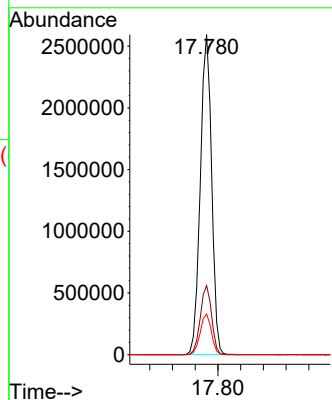
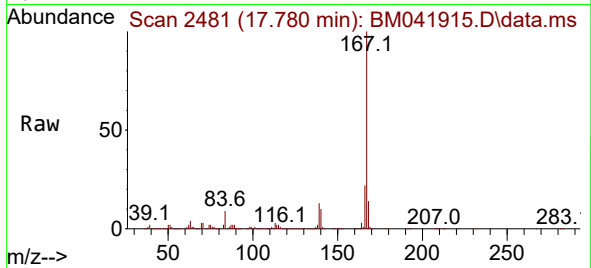




#73
 Carbazole
 Concen: 52.553 ng
 RT: 17.780 min Scan# 2482
 Delta R.T. -0.006 min
 Lab File: BM041915.D
 Acq: 19 Sep 2023 22:39

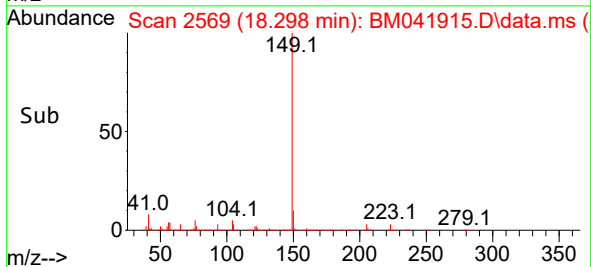
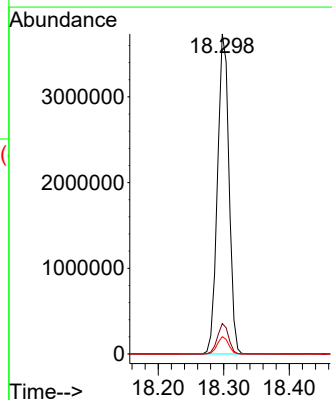
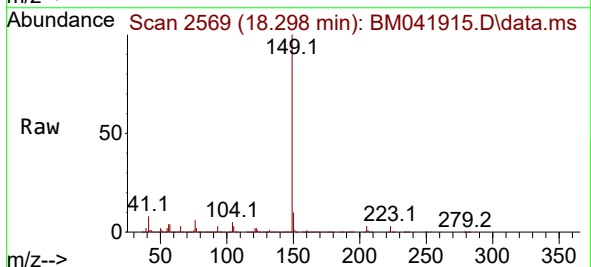
Instrument :
 BNA_M
 ClientSampleId :
 PB155451BSD

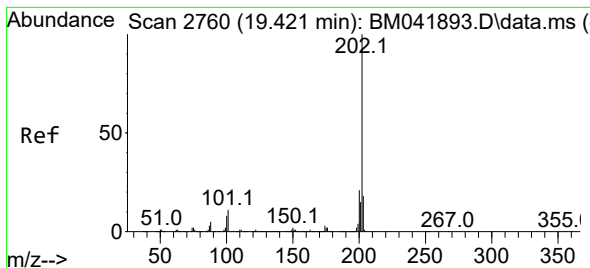
Tgt Ion:167 Resp: 3592508
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 51.621 ng
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BM041915.D
 Acq: 19 Sep 2023 22:39

Tgt Ion:149 Resp: 4530295
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.4 4.2 6.4





#75

Fluoranthene

Concen: 50.963 ng

RT: 19.415 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

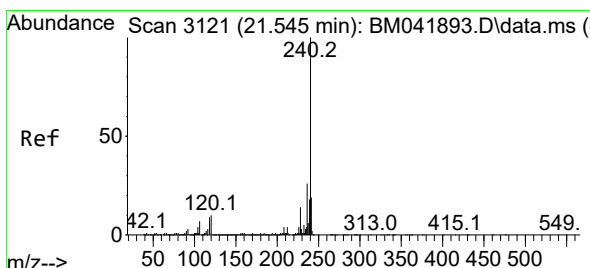
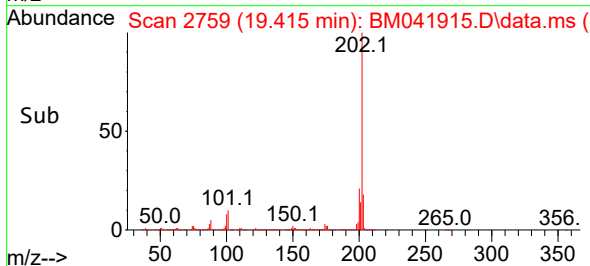
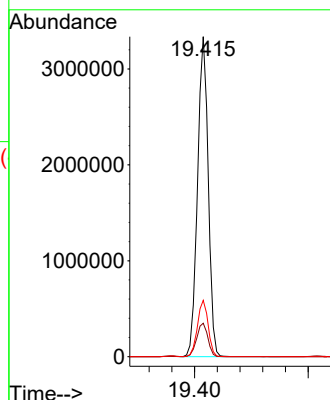
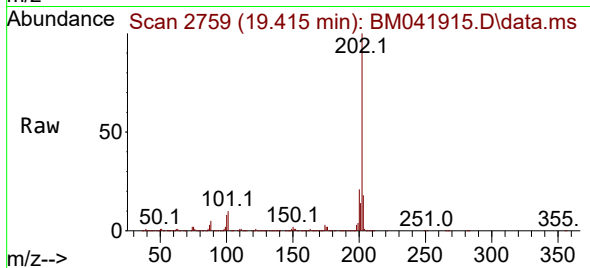
Tgt Ion:202 Resp: 4372625

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.5

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

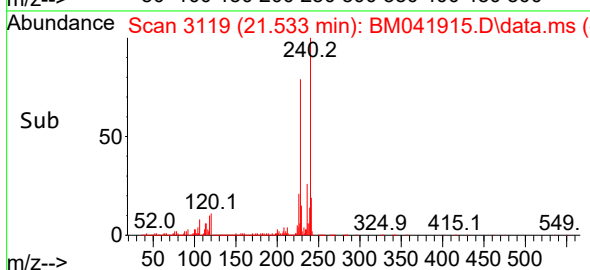
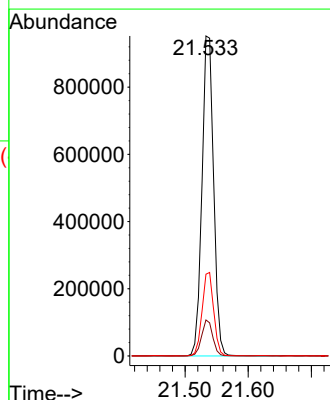
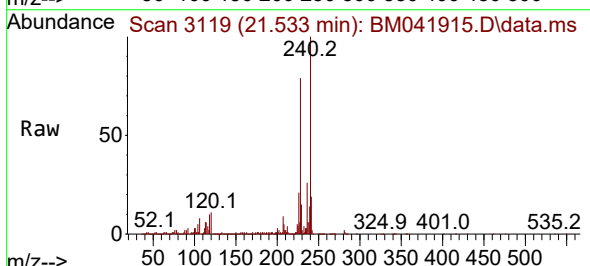
Tgt Ion:240 Resp: 1218985

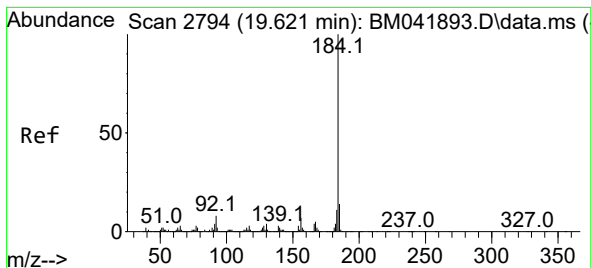
Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

236 25.6 20.7 31.1





#77

Benzidine

Concen: 56.623 ng

RT: 19.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

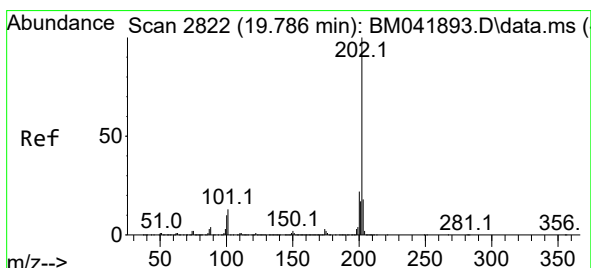
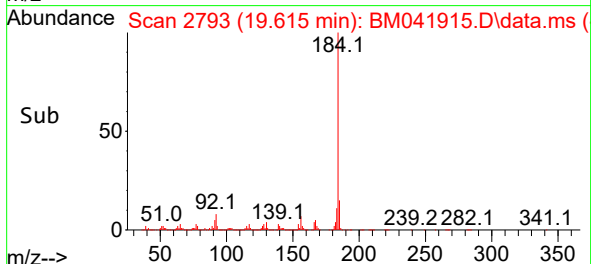
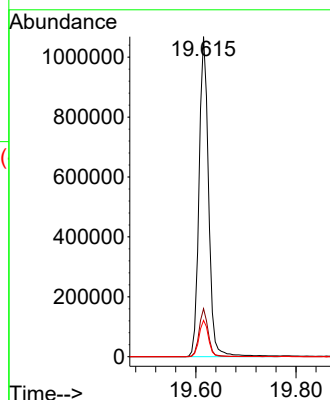
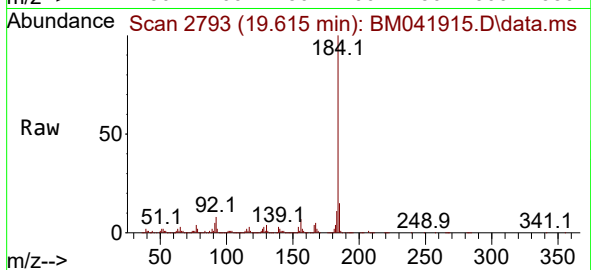
Tgt Ion:184 Resp: 1408880

Ion Ratio Lower Upper

184 100

185 15.0 11.2 16.8

183 11.3 9.1 13.7



#78

Pyrene

Concen: 53.346 ng

RT: 19.780 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

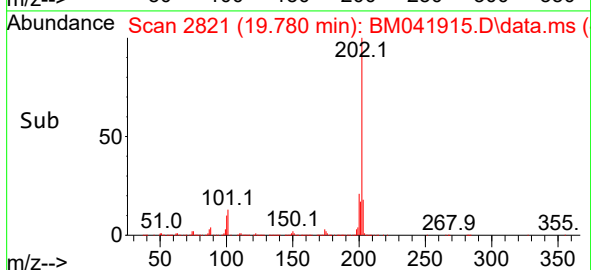
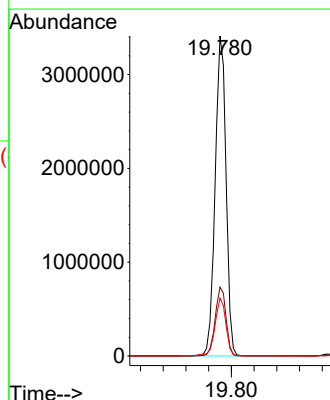
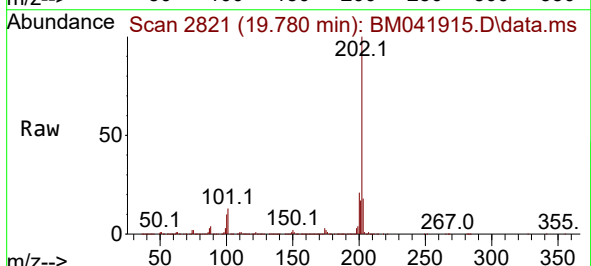
Tgt Ion:202 Resp: 4524760

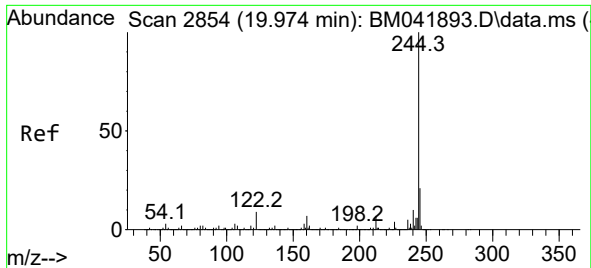
Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

203 18.1 14.2 21.4

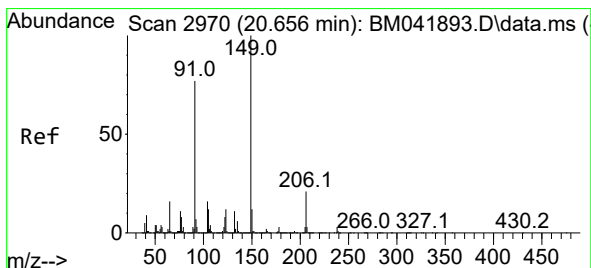
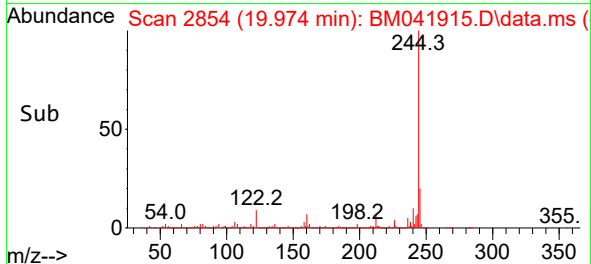
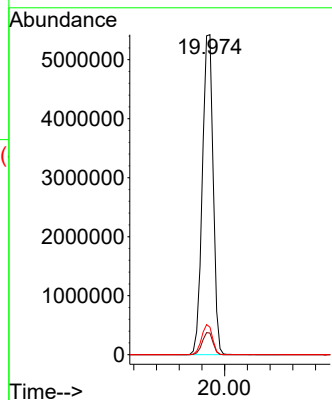
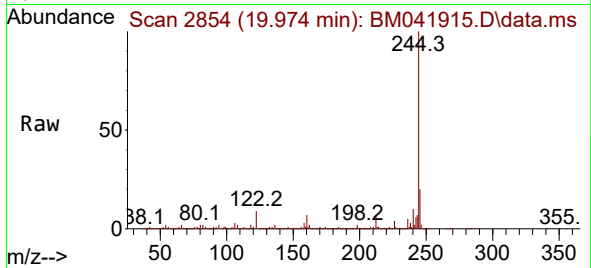




#79
 Terphenyl-d14
 Concen: 106.874 ng
 RT: 19.974 min Scan# 2854
 Delta R.T. 0.000 min
 Lab File: BM041915.D
 Acq: 19 Sep 2023 22:39

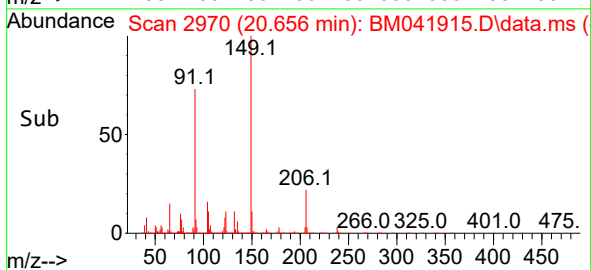
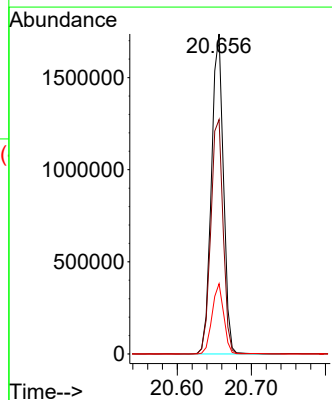
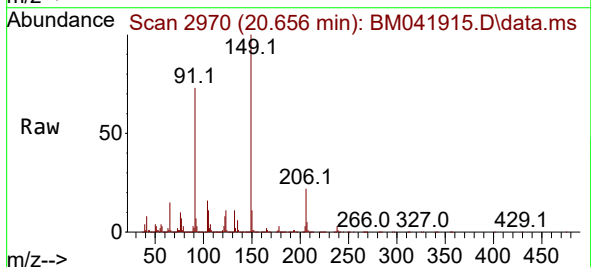
Instrument :
 BNA_M
 ClientSampleId :
 PB155451BSD

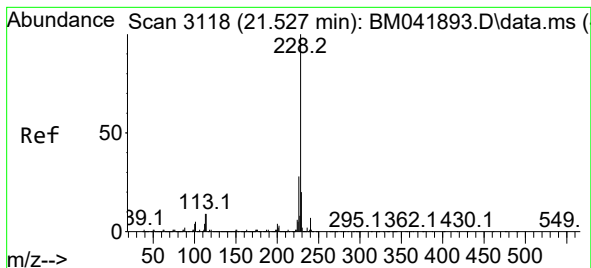
Tgt Ion:244 Resp: 7153050
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.6 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 51.761 ng
 RT: 20.656 min Scan# 2970
 Delta R.T. 0.000 min
 Lab File: BM041915.D
 Acq: 19 Sep 2023 22:39

Tgt Ion:149 Resp: 1952656
 Ion Ratio Lower Upper
 149 100
 91 73.3 61.7 92.5
 206 21.9 16.9 25.3





#81

Benzo(a)anthracene

Concen: 51.891 ng

RT: 21.521 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

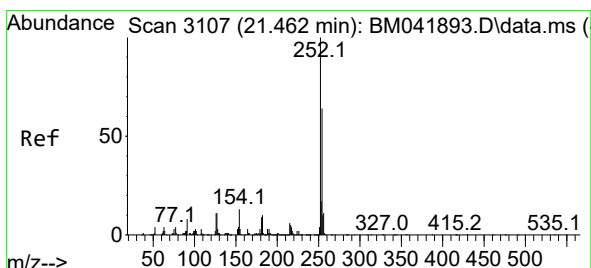
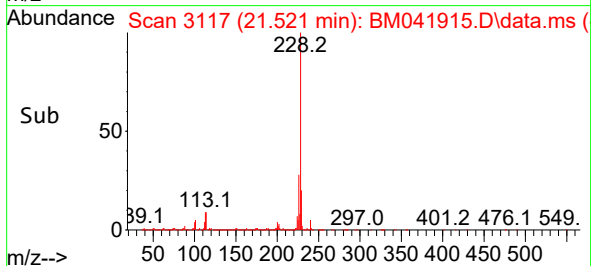
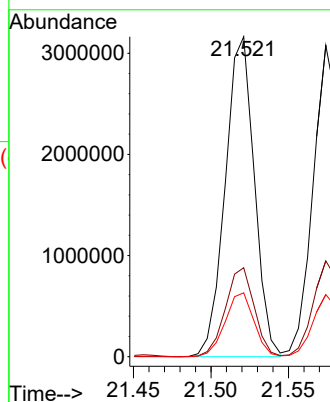
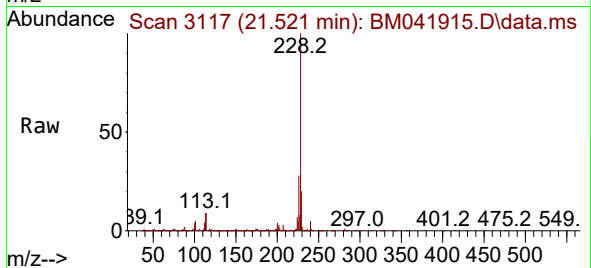
Tgt Ion:228 Resp: 4125463

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 45.614 ng

RT: 21.456 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

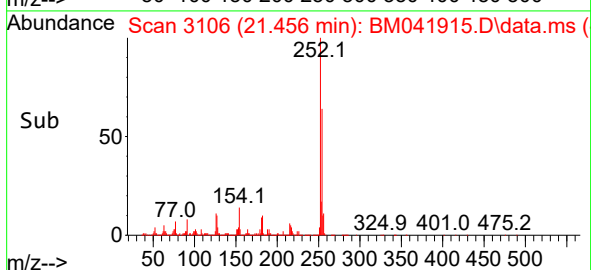
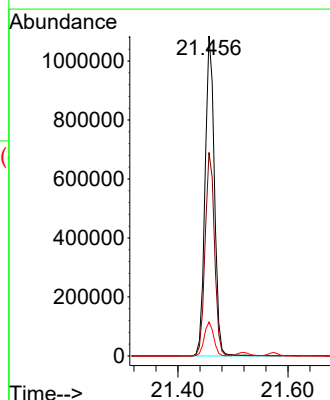
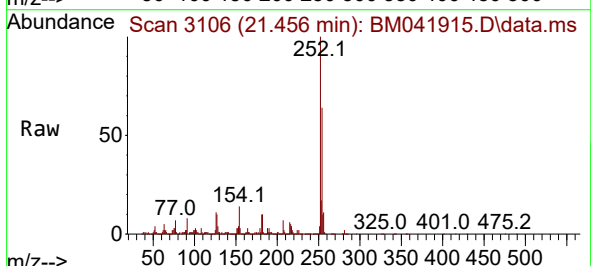
Tgt Ion:252 Resp: 1277138

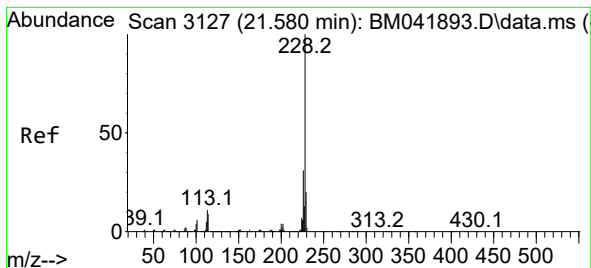
Ion Ratio Lower Upper

252 100

254 63.6 51.3 76.9

126 10.6 8.6 13.0





#83

Chrysene

Concen: 50.494 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

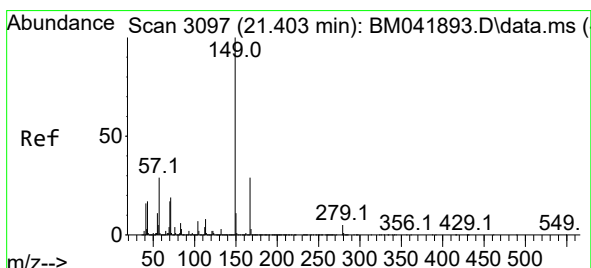
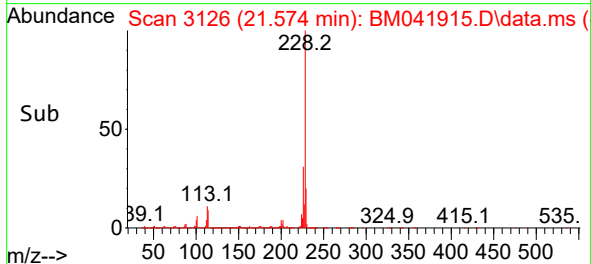
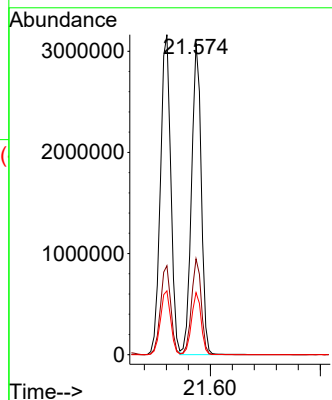
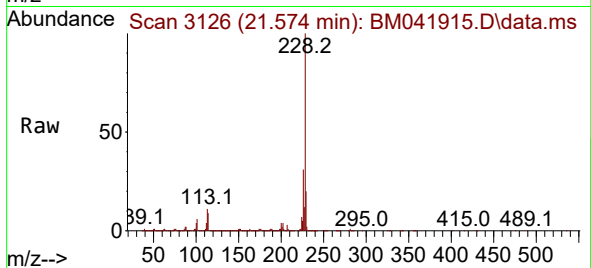
Tgt Ion:228 Resp: 3762796

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.055 ng

RT: 21.398 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

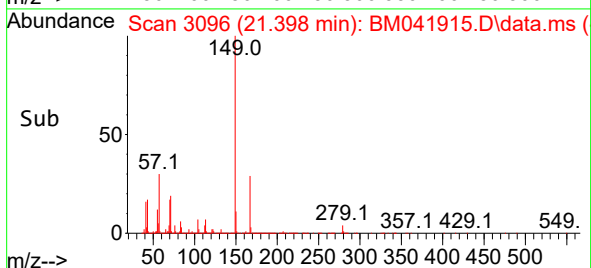
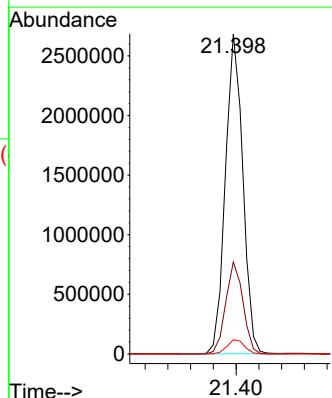
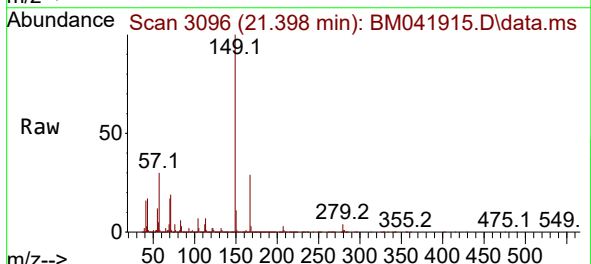
Tgt Ion:149 Resp: 2857286

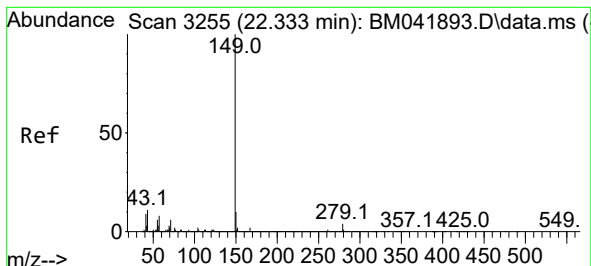
Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.6

279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 51.689 ng

RT: 22.327 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

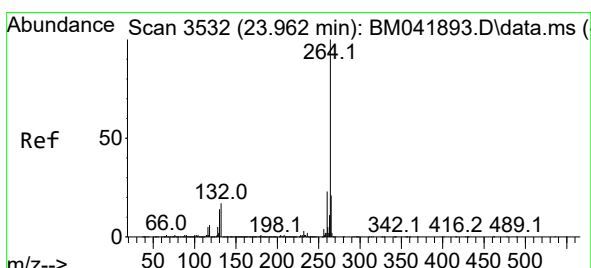
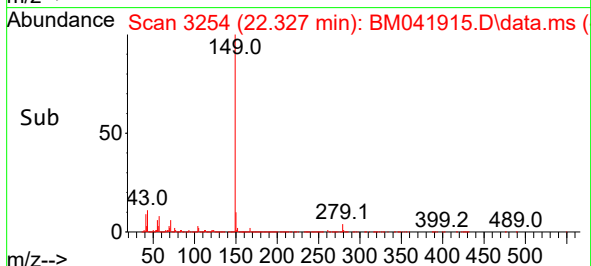
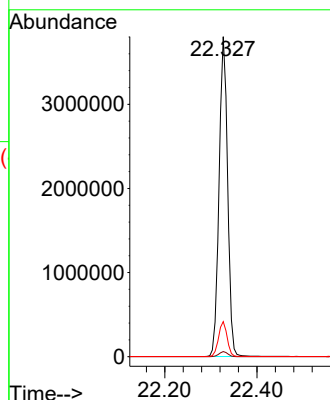
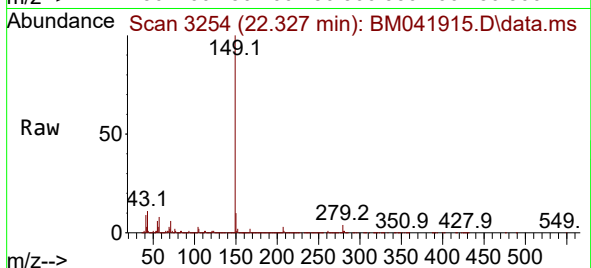
Tgt Ion:149 Resp: 4869340

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.0 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.950 min Scan# 3530

Delta R.T. -0.012 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

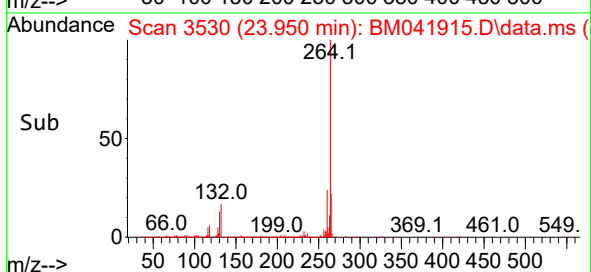
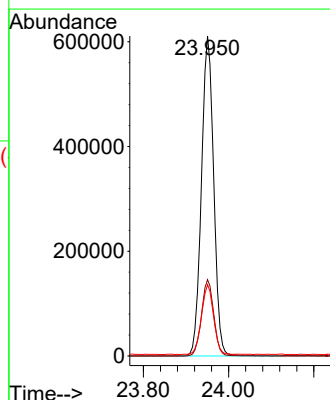
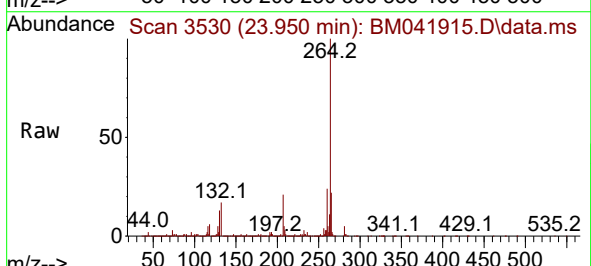
Tgt Ion:264 Resp: 1218362

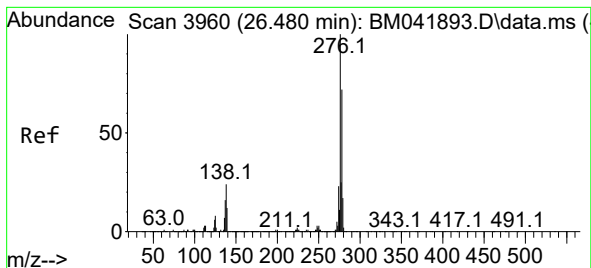
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.532 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.018 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

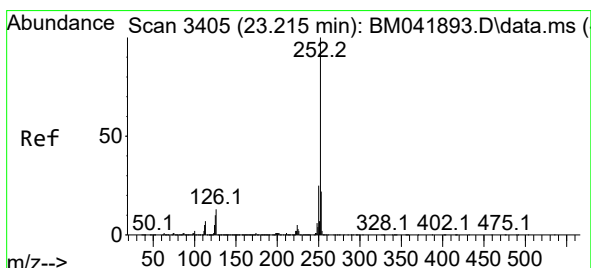
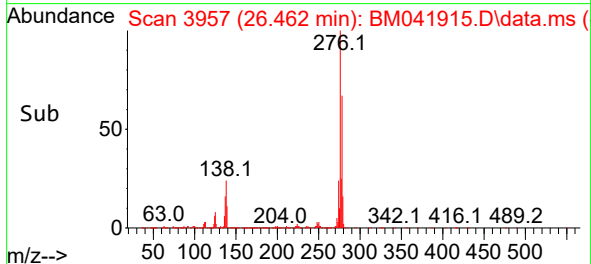
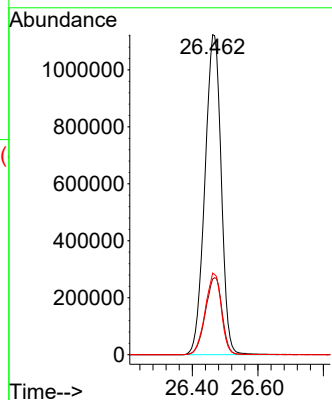
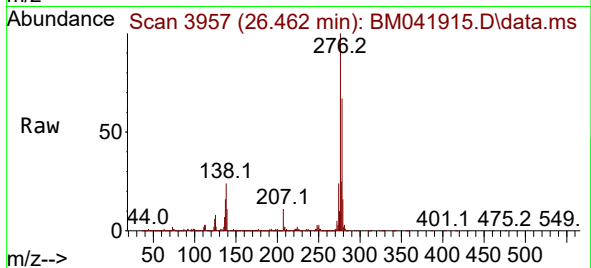
Tgt Ion:276 Resp: 3894153

Ion Ratio Lower Upper

276 100

138 24.6 19.8 29.8

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 54.092 ng

RT: 23.209 min Scan# 3404

Delta R.T. -0.006 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

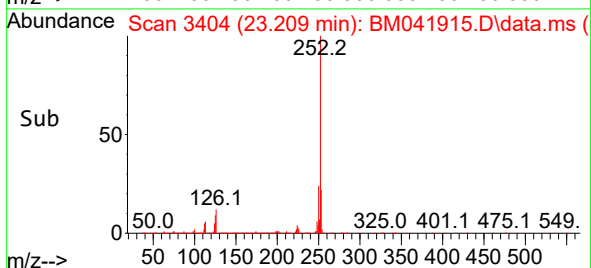
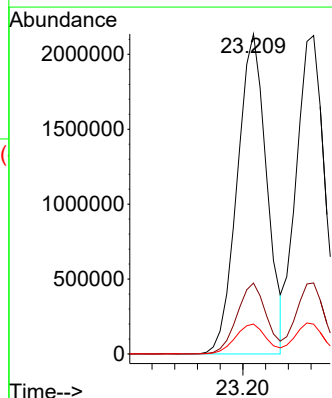
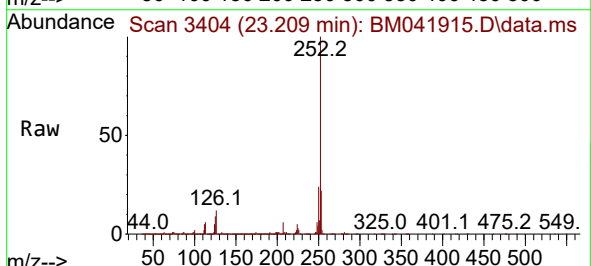
Tgt Ion:252 Resp: 3847659

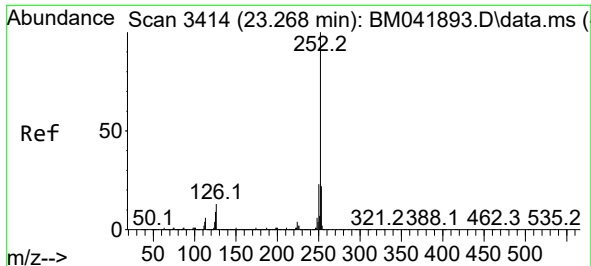
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.3 7.8 11.6

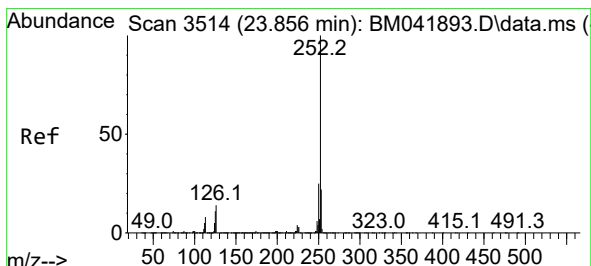
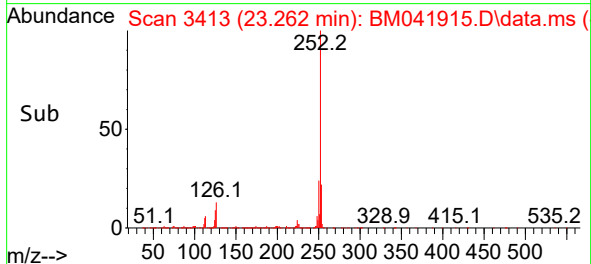
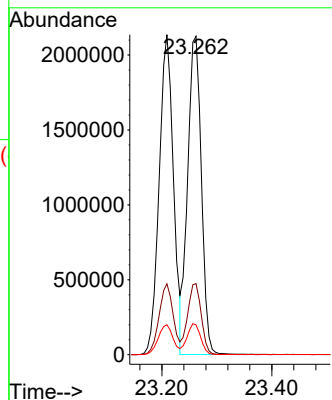
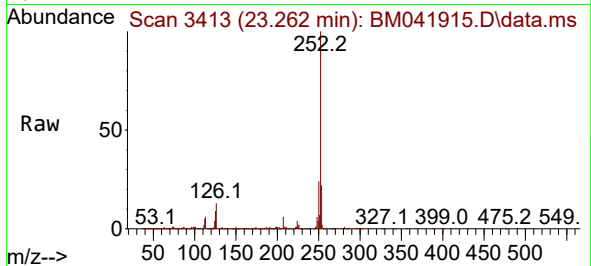




#89
Benzo(k)fluoranthene
Concen: 52.273 ng
RT: 23.262 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

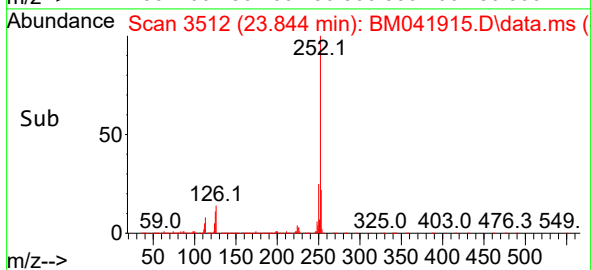
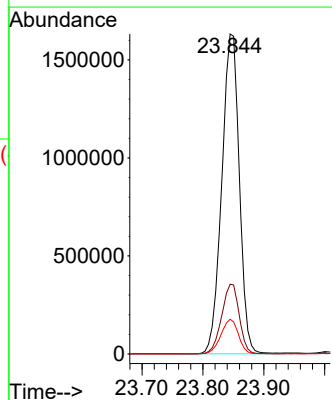
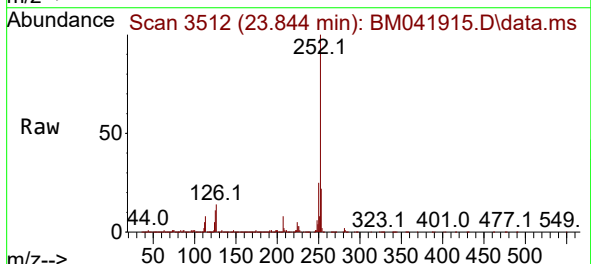
Instrument :
BNA_M
ClientSampleId :
PB155451BSD

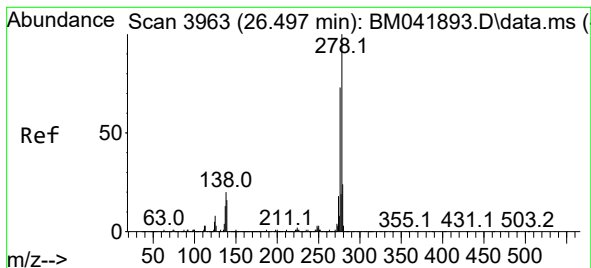
Tgt Ion:252 Resp: 3674346
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 48.948 ng
RT: 23.844 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BM041915.D
Acq: 19 Sep 2023 22:39

Tgt Ion:252 Resp: 3267113
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 53.926 ng

RT: 26.480 min Scan# 3960

Delta R.T. -0.018 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

PB155451BSD

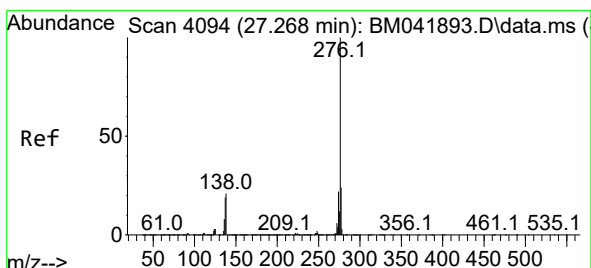
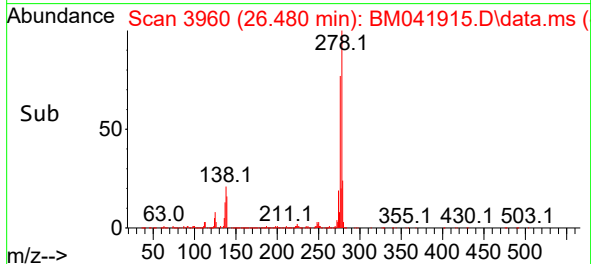
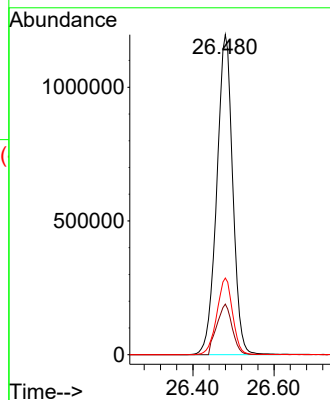
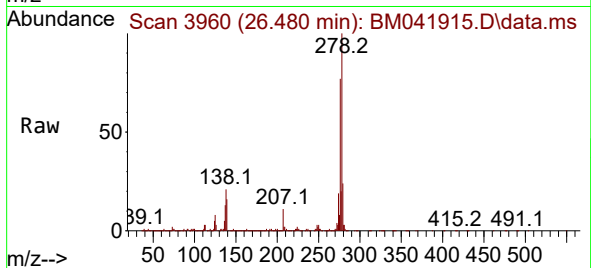
Tgt Ion:278 Resp: 3270338

Ion Ratio Lower Upper

278 100

139 15.8 12.8 19.2

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 53.157 ng

RT: 27.250 min Scan# 4091

Delta R.T. -0.018 min

Lab File: BM041915.D

Acq: 19 Sep 2023 22:39

Tgt Ion:276 Resp: 3080169

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 21.1 17.0 25.4

