

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
 Data File : BM037246.D
 Acq On : 26 Oct 2022 20:24
 Operator : CG/JU
 Sample : PB148383BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148383BSD

Quant Time: Oct 27 07:51:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 04:49:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	28548	20.000	ng	0.00
21) Naphthalene-d8	10.686	136	153607	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	127863	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	351897	20.000	ng	0.00
76) Chrysene-d12	21.439	240	589627	20.000	ng	0.00
86) Perylene-d12	23.803	264	739570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	205103	147.298	ng	0.00
7) Phenol-d6	7.051	99	310206	160.962	ng	0.00
23) Nitrobenzene-d5	9.051	82	246427	91.585	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	199953	126.152	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	747964	82.613	ng	0.00
79) Terphenyl-d14	19.880	244	2338934	81.149	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	24795	43.430	ng	96
3) Pyridine	3.752	79	75356	45.073	ng	98
4) n-Nitrosodimethylamine	3.652	42	37219	53.234	ng	# 97
6) Aniline	7.216	93	138916	57.850	ng	99
8) 2-Chlorophenol	7.451	128	119445	64.873	ng	99
9) Benzaldehyde	7.028	77	52762m	49.628	ng	
10) Phenol	7.081	94	169555	78.960	ng	98
11) bis(2-Chloroethyl)ether	7.316	93	97594	55.936	ng	98
12) 1,3-Dichlorobenzene	7.775	146	100477	48.796	ng	99
13) 1,4-Dichlorobenzene	7.922	146	104353	49.074	ng	100
14) 1,2-Dichlorobenzene	8.240	146	107252	52.134	ng	98
15) Benzyl Alcohol	8.134	79	104941m	72.053	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	125494	54.792	ng	98
17) 2-Methylphenol	8.334	107	108710	72.608	ng	98
18) Hexachloroethane	8.963	117	33774	45.820	ng	97
19) n-Nitroso-di-n-propyla...	8.698	70	85180	61.111	ng	98
20) 3+4-Methylphenols	8.663	107	154636	74.835	ng	100
22) Acetophenone	8.716	105	172903	48.123	ng	# 98
24) Nitrobenzene	9.098	77	129430	47.034	ng	98
25) Isophorone	9.622	82	244344	52.275	ng	100
26) 2-Nitrophenol	9.804	139	55380	44.073	ng	97
27) 2,4-Dimethylphenol	9.863	122	129881	67.676	ng	97
28) bis(2-Chloroethoxy)met...	10.104	93	151808	53.816	ng	99
29) 2,4-Dichlorophenol	10.339	162	135994	57.672	ng	98
30) 1,2,4-Trichlorobenzene	10.551	180	111904	42.537	ng	99
31) Naphthalene	10.739	128	384953	46.951	ng	100
32) Benzoic acid	9.969	122	79888	46.547	ng	98
33) 4-Chloroaniline	10.857	127	154967	48.119	ng	97
34) Hexachlorobutadiene	11.016	225	63327	38.086	ng	98
35) Caprolactam	11.651	113	54543	77.962	ng	97
36) 4-Chloro-3-methylphenol	11.981	107	153868	67.316	ng	97
37) 2-Methylnaphthalene	12.345	142	291324	51.713	ng	98
38) 1-Methylnaphthalene	12.569	142	286064	51.727	ng	98
40) 1,2,4,5-Tetrachloroben...	12.710	216	162126	41.206	ng	99
41) Hexachlorocyclopentadiene	12.686	237	142386	72.192	ng	98
43) 2,4,6-Trichlorophenol	12.957	196	120709	46.262	ng	98

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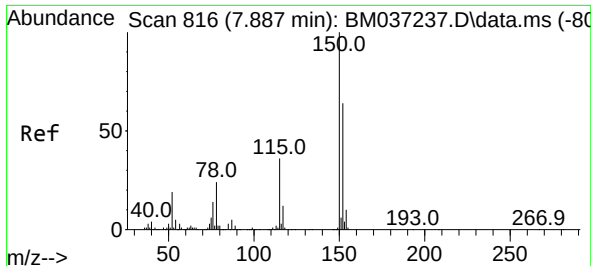
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	143698	49.700	ng	99
46) 1,1'-Biphenyl	13.357	154	431019	45.797	ng	100
47) 2-Chloronaphthalene	13.398	162	330698	44.301	ng	98
48) 2-Nitroaniline	13.610	65	106674	54.296	ng	94
49) Acenaphthylene	14.245	152	576319	49.213	ng	99
50) Dimethylphthalate	13.986	163	496992	53.269	ng	100
51) 2,6-Dinitrotoluene	14.104	165	106458	54.915	ng	97
52) Acenaphthene	14.580	154	343905	47.690	ng	98
53) 3-Nitroaniline	14.439	138	104957	50.232	ng	100
54) 2,4-Dinitrophenol	14.645	184	141548	102.852	ng	94
55) Dibenzofuran	14.916	168	600806	52.007	ng	99
56) 4-Nitrophenol	14.745	139	259872	150.753	ng	97
57) 2,4-Dinitrotoluene	14.892	165	161264	56.230	ng	97
58) Fluorene	15.563	166	503772	53.492	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	144183	55.137	ng	98
60) Diethylphthalate	15.339	149	515059	56.474	ng	100
61) 4-Chlorophenyl-phenyle...	15.563	204	244521	52.157	ng	99
62) 4-Nitroaniline	15.598	138	141108	58.743	ng	98
63) Azobenzene	15.851	77	443553	54.125	ng	98
65) 4,6-Dinitro-2-methylph...	15.651	198	90608	39.549	ng	98
66) n-Nitrosodiphenylamine	15.774	169	460081	44.281	ng	99
67) 4-Bromophenyl-phenylether	16.451	248	157661	41.783	ng	96
68) Hexachlorobenzene	16.563	284	202963	44.436	ng	98
69) Atrazine	16.727	200	187369	61.098	ng	100
70) Pentachlorophenol	16.910	266	291304	106.708	ng	99
71) Phenanthrene	17.304	178	944541	48.175	ng	99
72) Anthracene	17.392	178	944874	50.463	ng	100
73) Carbazole	17.668	167	1003307	58.812	ng	99
74) Di-n-butylphthalate	18.227	149	975032	49.183	ng	99
75) Fluoranthene	19.315	202	1324916	58.540	ng	99
77) Benzidine	19.509	184	981119	112.374	ng	100
78) Pyrene	19.674	202	1463024	37.571	ng	100
80) Butylbenzylphthalate	20.574	149	565290	40.296	ng	100
81) Benzo(a)anthracene	21.421	228	1799548	47.220	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	639591	57.110	ng	100
83) Chrysene	21.474	228	1740978	47.610	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	883767	43.754	ng	100
85) Di-n-octyl phthalate	22.262	149	1644654	50.559	ng	100
87) Indeno(1,2,3-cd)pyrene	26.268	276	3139252	64.384	ng	99
88) Benzo(b)fluoranthene	23.086	252	2310502	48.884	ng	100
89) Benzo(k)fluoranthene	23.133	252	2193328	45.001	ng	99
90) Benzo(a)pyrene	23.697	252	2046159	53.632	ng	100
91) Dibenzo(a,h)anthracene	26.280	278	2794215	68.087	ng	99
92) Benzo(g,h,i)perylene	27.021	276	2781488	72.018	ng	99

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

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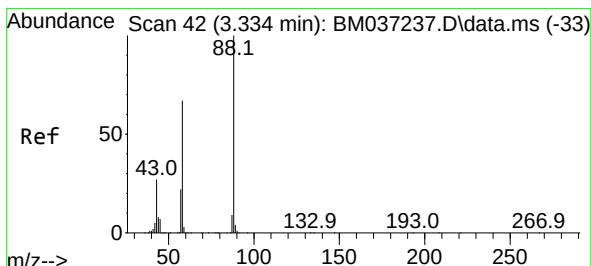
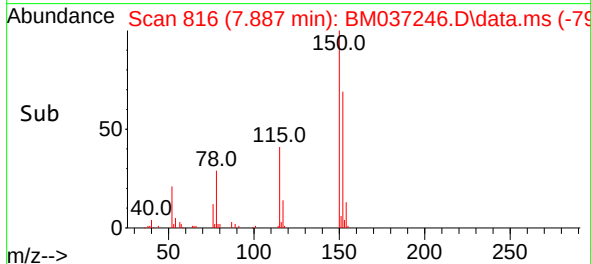
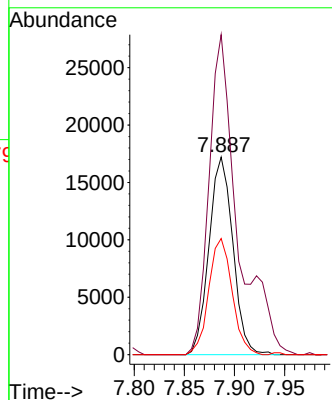
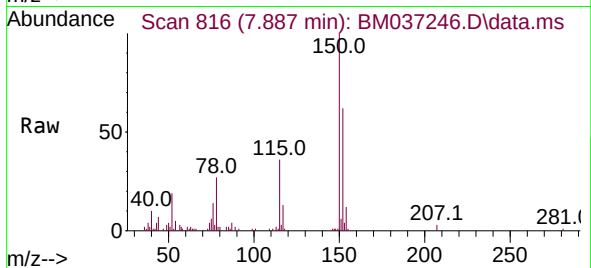




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.887 min Scan# 816
 Delta R.T. -0.000 min
 Lab File: BM037246.D
 Acq: 26 Oct 2022 20:24

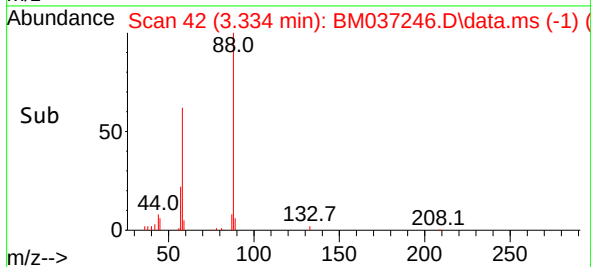
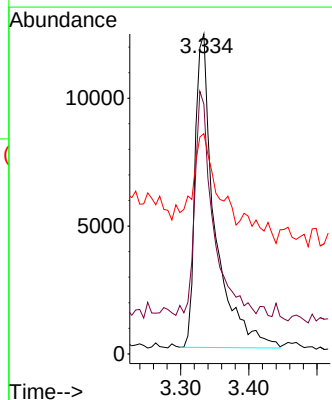
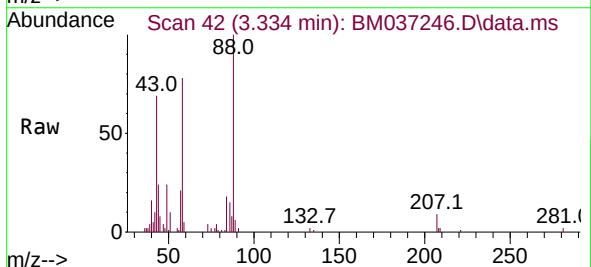
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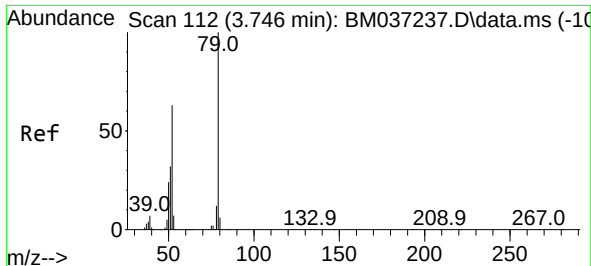
Tgt Ion:152 Resp: 28548
 Ion Ratio Lower Upper
 152 100
 150 161.9 125.6 188.4
 115 58.7 45.2 67.8



#2
 1,4-Dioxane
 Concen: 43.430 ng
 RT: 3.334 min Scan# 42
 Delta R.T. 0.000 min
 Lab File: BM037246.D
 Acq: 26 Oct 2022 20:24

Tgt Ion: 88 Resp: 24795
 Ion Ratio Lower Upper
 88 100
 58 66.4 54.7 82.1
 43 30.7 21.7 32.5

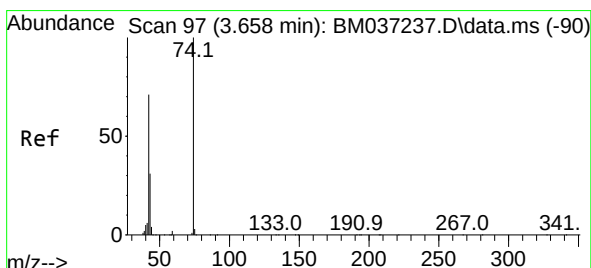
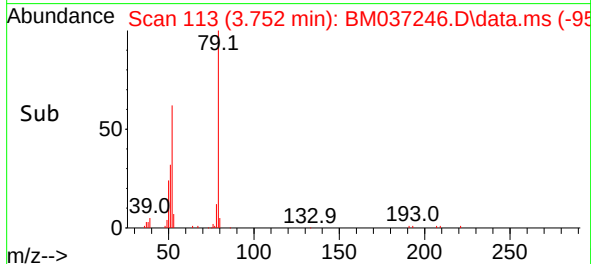
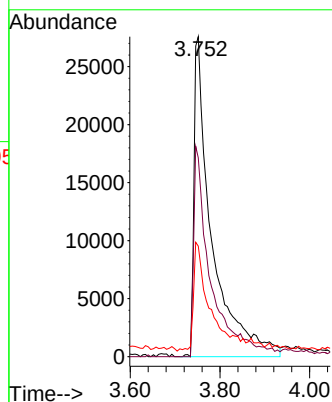
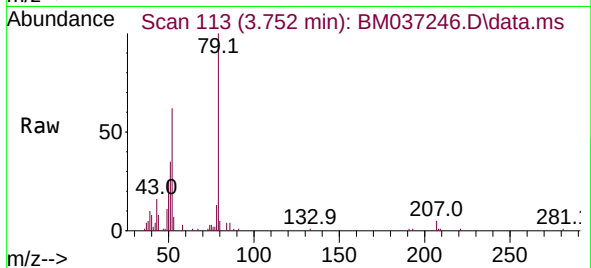




#3
 Pyridine
 Concen: 45.073 ng
 RT: 3.752 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM037246.D
 Acq: 26 Oct 2022 20:24

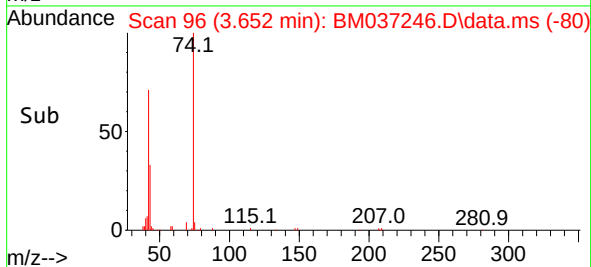
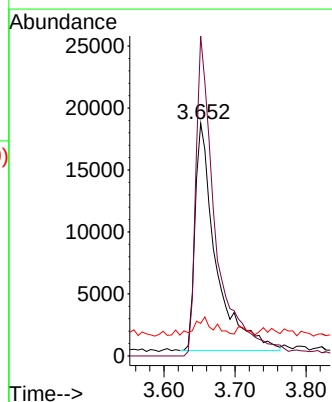
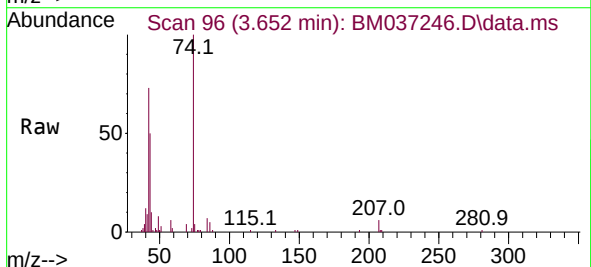
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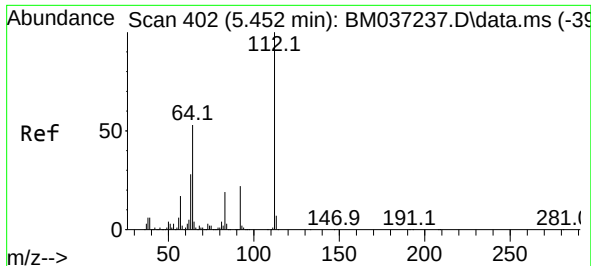
Tgt Ion: 79 Resp: 75356
 Ion Ratio Lower Upper
 79 100
 52 62.1 50.1 75.1
 51 34.5 25.4 38.2



#4
 n-Nitrosodimethylamine
 Concen: 53.234 ng
 RT: 3.652 min Scan# 96
 Delta R.T. -0.006 min
 Lab File: BM037246.D
 Acq: 26 Oct 2022 20:24

Tgt Ion: 42 Resp: 37219
 Ion Ratio Lower Upper
 42 100
 74 137.6 112.4 168.6
 44 14.0 5.0 7.6

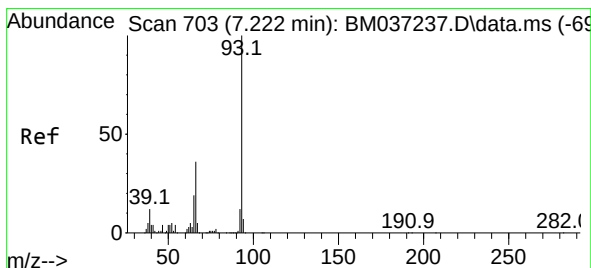
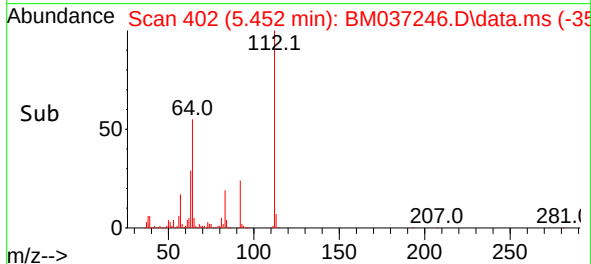
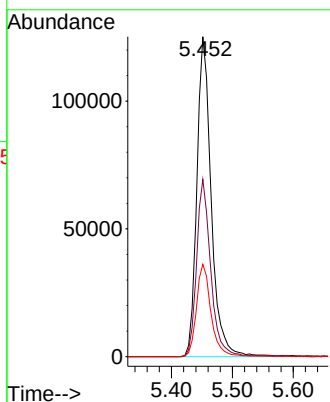
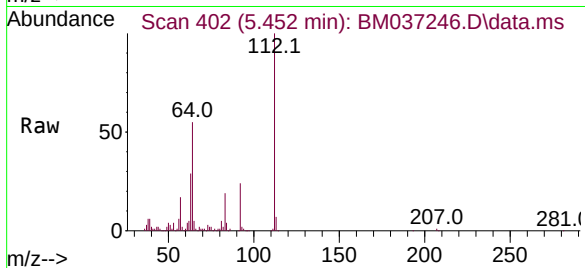




#5
2-Fluorophenol
Concen: 147.298 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

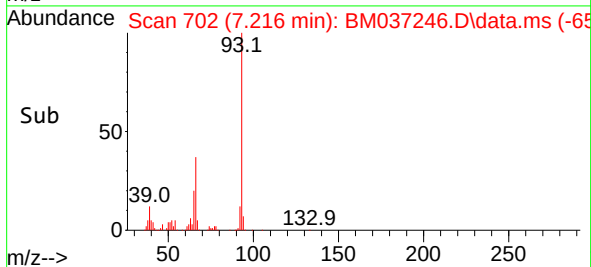
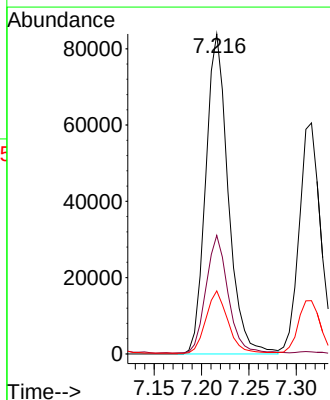
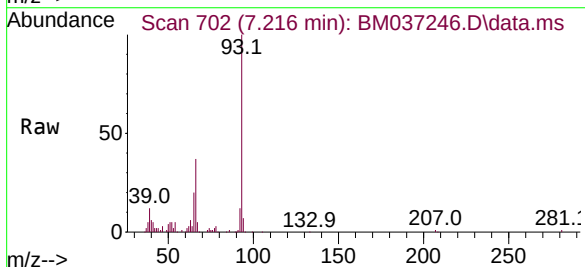
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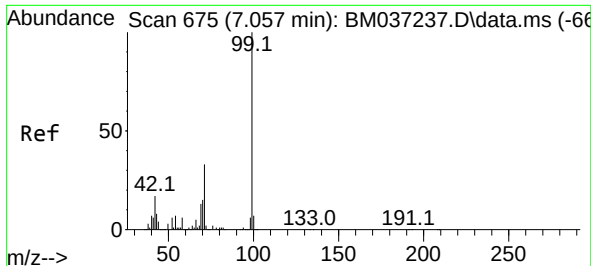
Tgt Ion:112 Resp: 205103
Ion Ratio Lower Upper
112 100
64 55.4 42.5 63.7
63 28.8 22.6 33.8



#6
Aniline
Concen: 57.850 ng
RT: 7.216 min Scan# 702
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion: 93 Resp: 138916
Ion Ratio Lower Upper
93 100
66 37.0 29.0 43.6
65 19.7 15.3 22.9

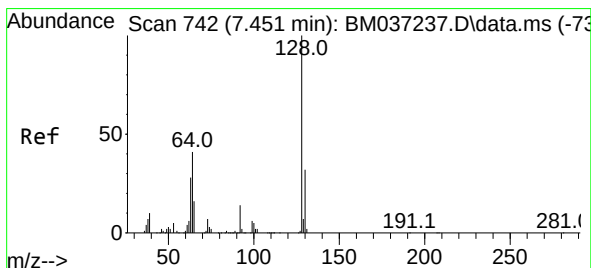
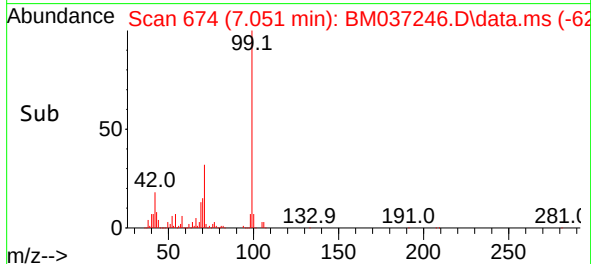
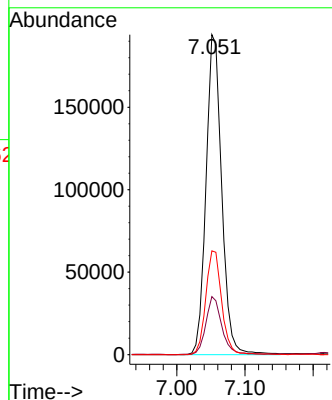
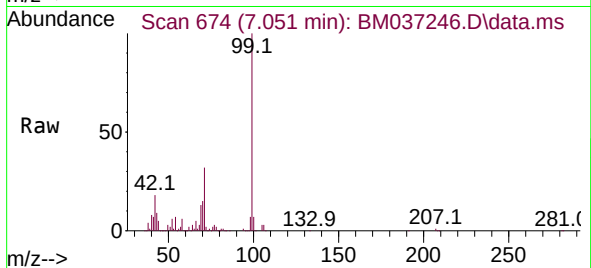




#7
Phenol-d6
Concen: 160.962 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

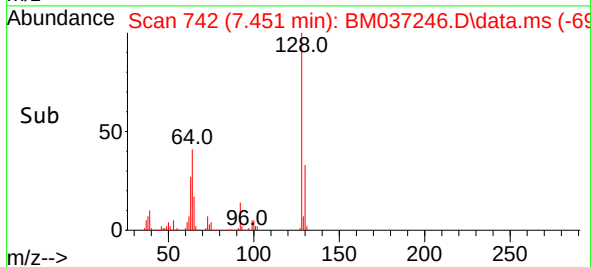
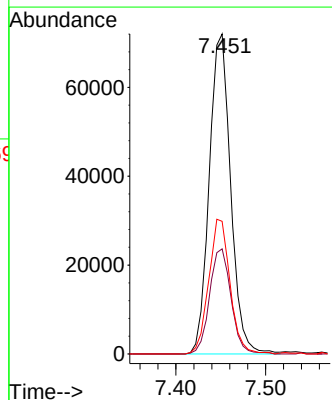
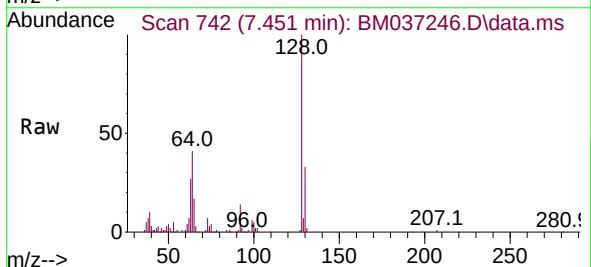
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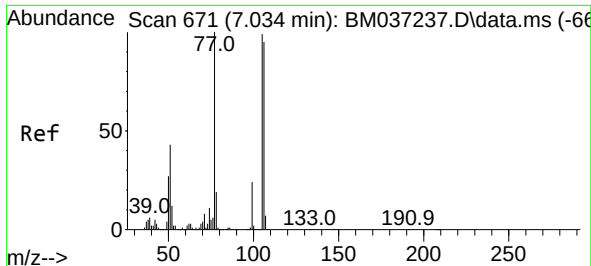
Tgt Ion: 99 Resp: 310206
Ion Ratio Lower Upper
99 100
42 18.1 13.8 20.6
71 32.4 26.5 39.7



#8
2-Chlorophenol
Concen: 64.873 ng
RT: 7.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BM037246.D
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Tgt Ion: 128 Resp: 119445
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 41.4 22.1 62.1

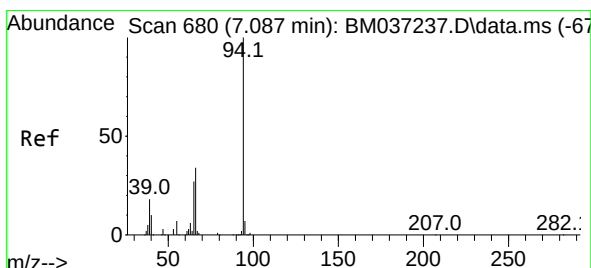
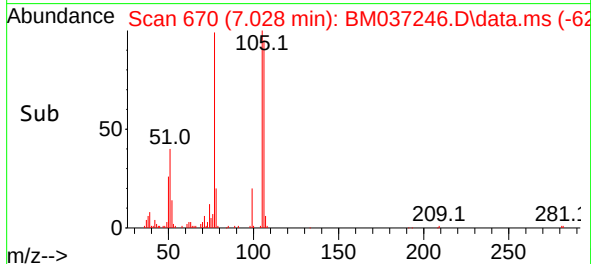
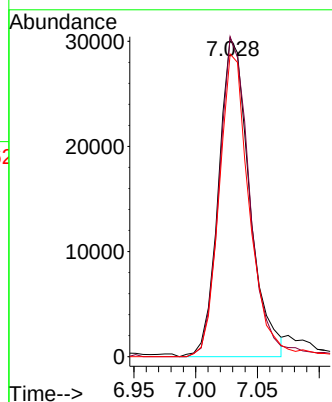
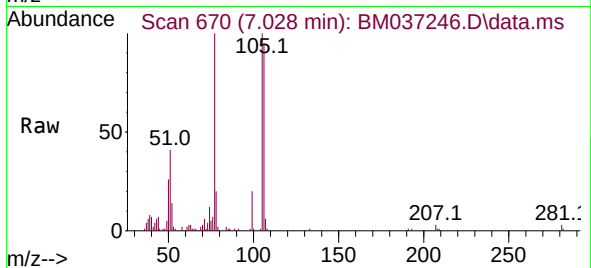




#9
Benzaldehyde
Concen: 49.628 ng m
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

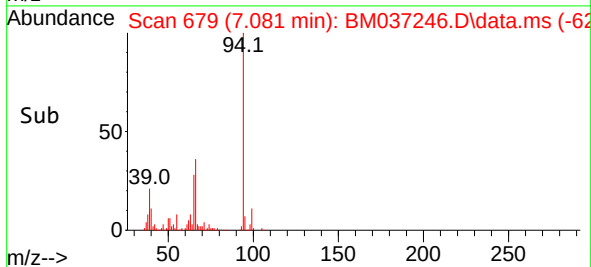
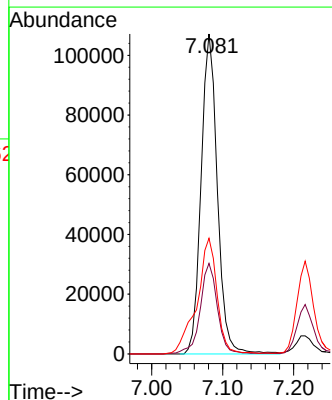
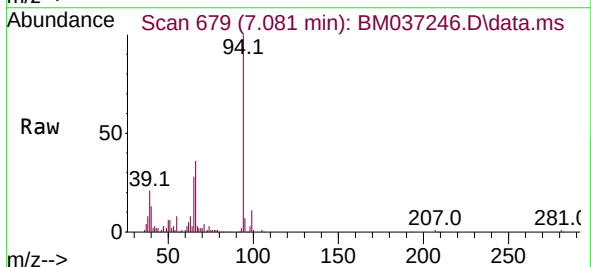
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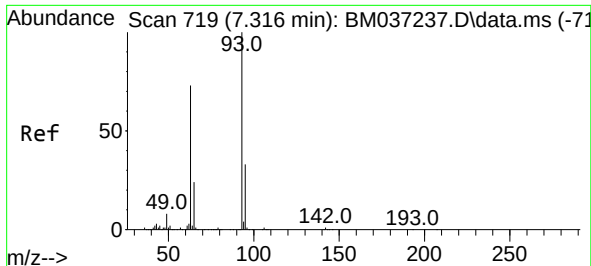
Tgt Ion: 77 Resp: 52762
Ion Ratio Lower Upper
77 100
105 100.5 78.8 118.8
106 95.0 75.1 115.1



#10
Phenol
Concen: 78.960 ng
RT: 7.081 min Scan# 679
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion: 94 Resp: 169555
Ion Ratio Lower Upper
94 100
65 28.3 7.6 47.6
66 36.1 15.1 55.1

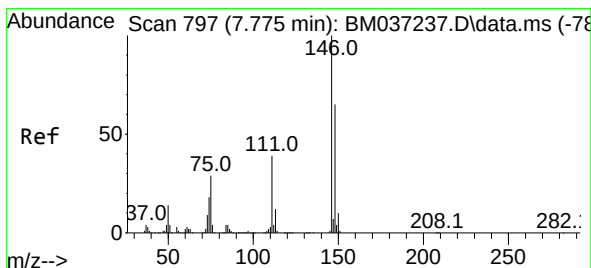
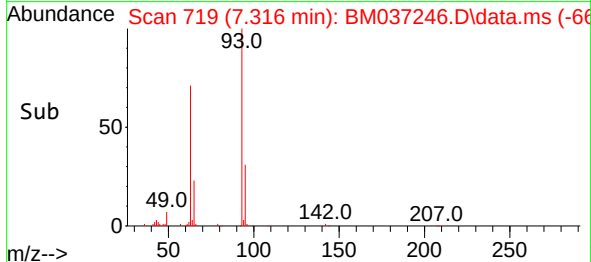
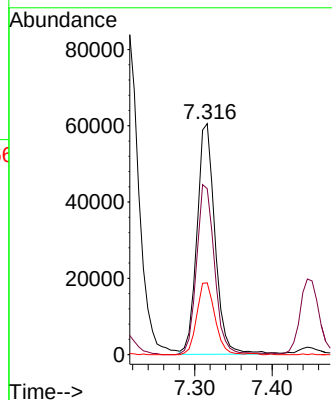
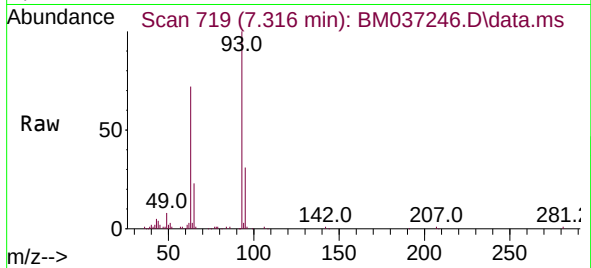




#11
bis(2-Chloroethyl)ether
Concen: 55.936 ng
RT: 7.316 min Scan# 719
Delta R.T. 0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

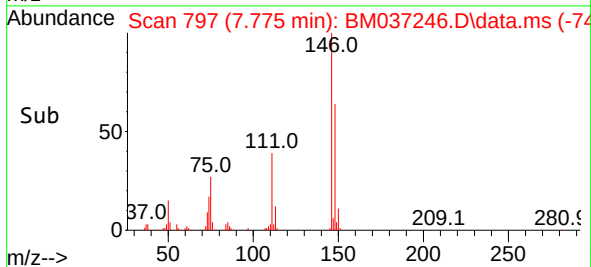
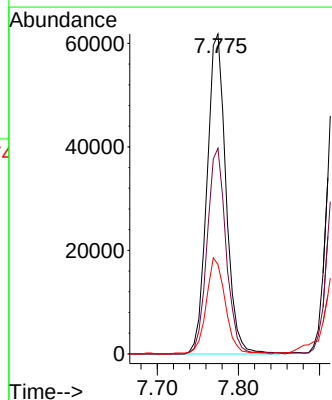
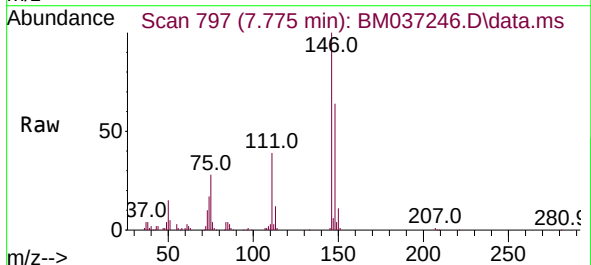
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

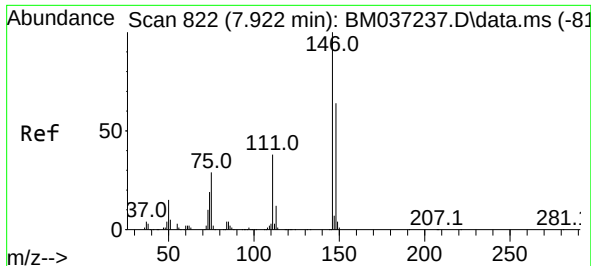
Tgt Ion: 93	Resp:	97594	
Ion	Ratio	Lower	Upper
93	100		
63	71.8	53.2	93.2
95	31.1	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 48.796 ng
RT: 7.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:146	Resp:	100477	
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	27.9	23.3	34.9

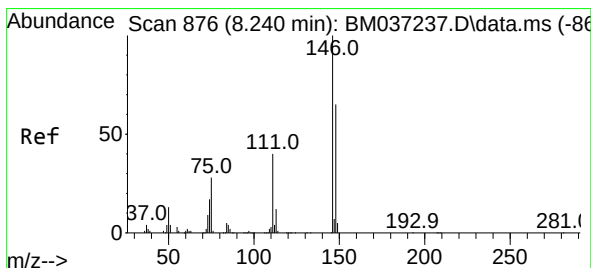
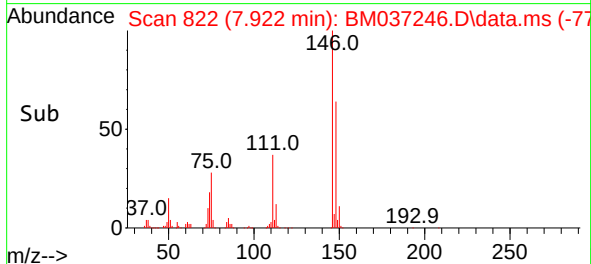
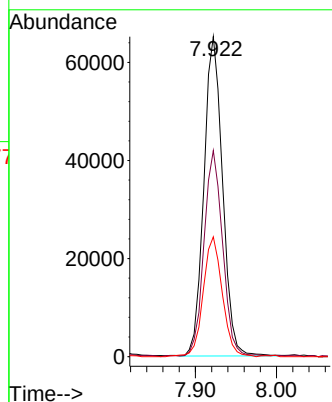
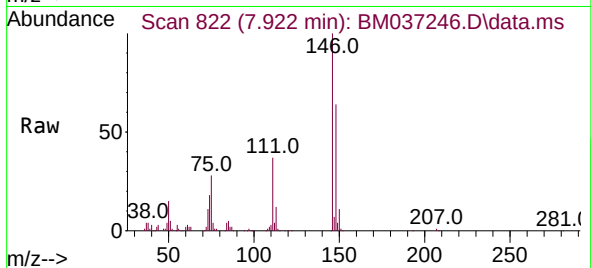




#13
1,4-Dichlorobenzene
Concen: 49.074 ng
RT: 7.922 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

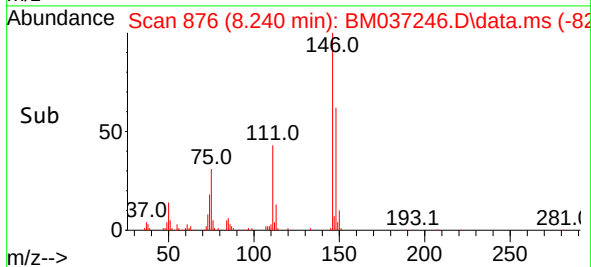
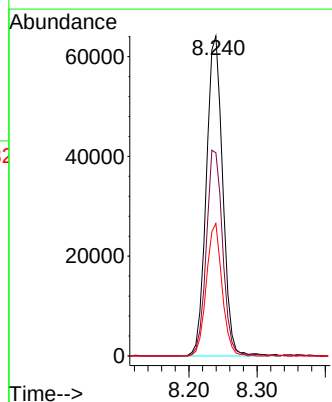
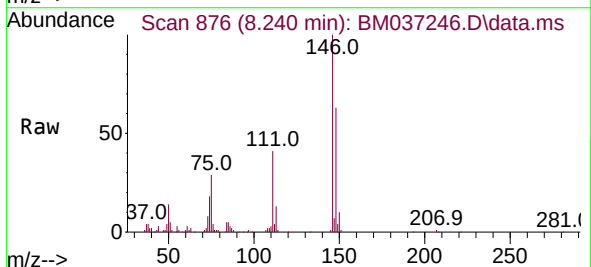
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

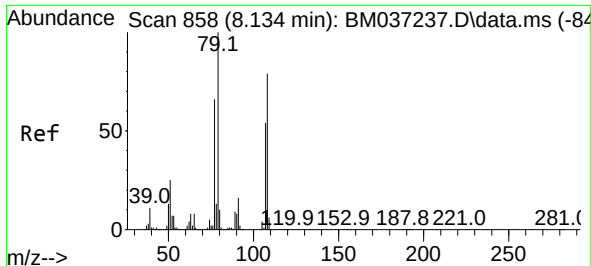
Tgt Ion:146 Resp: 104353
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 37.4 30.1 45.1



#14
1,2-Dichlorobenzene
Concen: 52.134 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:146 Resp: 107252
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
111 41.4 31.8 47.8

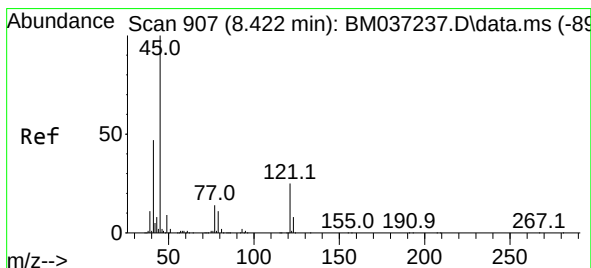
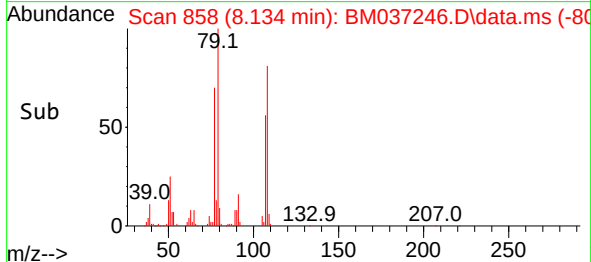
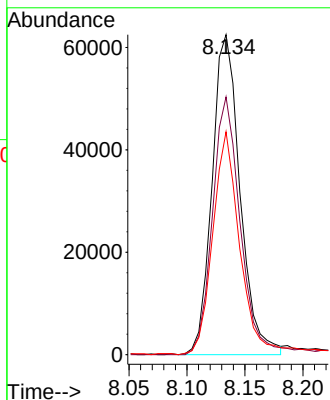
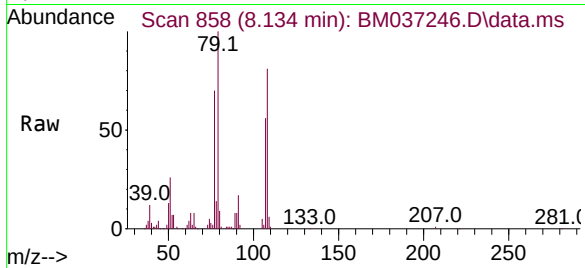




#15
Benzyl Alcohol
Concen: 72.053 ng m
RT: 8.134 min Scan# 858
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

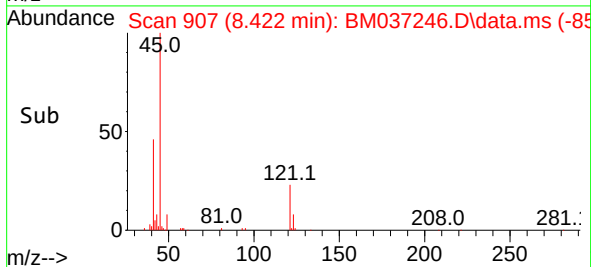
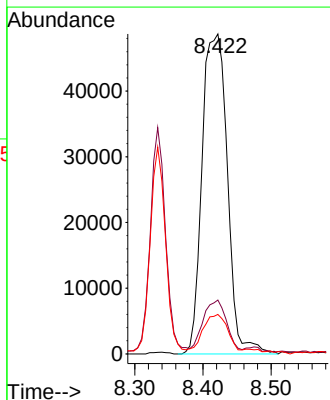
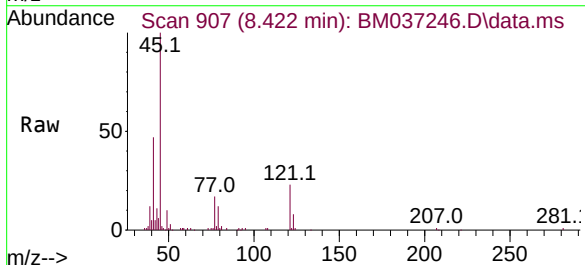
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

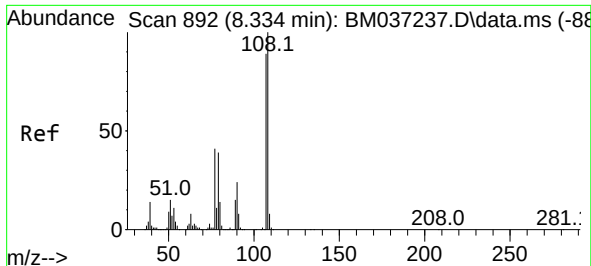
Tgt Ion: 79 Resp: 104941
Ion Ratio Lower Upper
79 100
108 80.5 63.2 94.8
77 69.6 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.792 ng
RT: 8.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion: 45 Resp: 125494
Ion Ratio Lower Upper
45 100
77 16.8 0.0 35.8
79 12.3 0.0 32.8

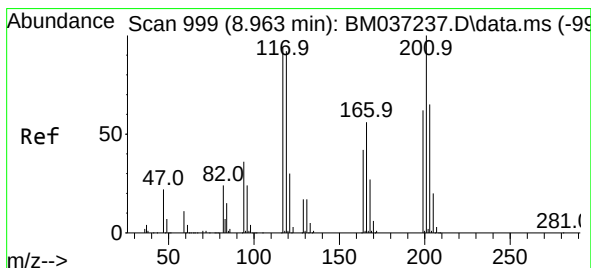
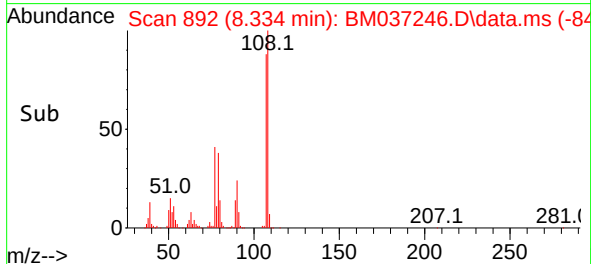
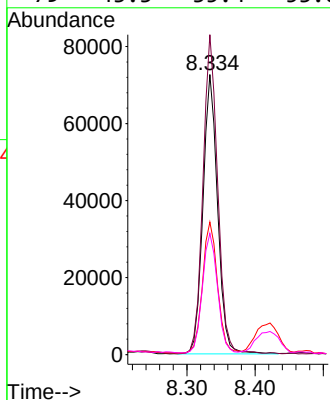
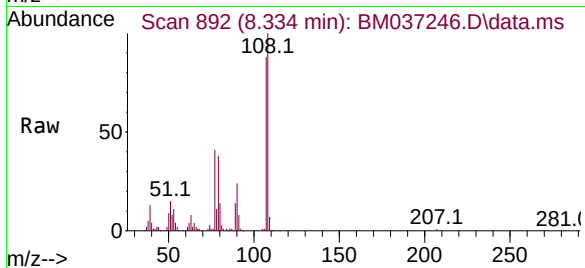




#17
2-Methylphenol
Concen: 72.608 ng
RT: 8.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

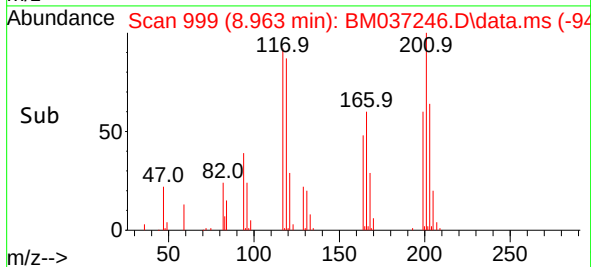
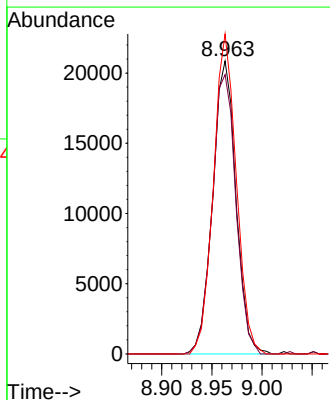
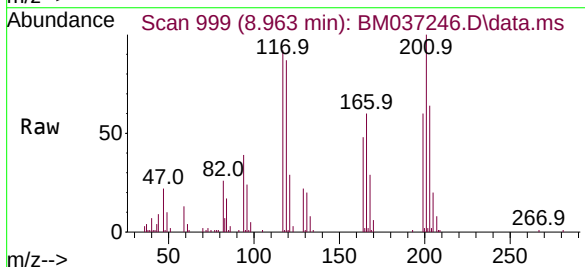
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

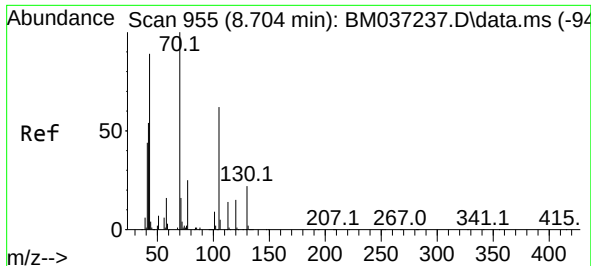
Tgt Ion:	107	Resp:	108710
Ion	Ratio	Lower	Upper
107	100		
108	114.3	89.7	134.5
77	47.4	37.0	55.4
79	43.3	35.4	53.0



#18
Hexachloroethane
Concen: 45.820 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:	117	Resp:	33774
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.8	116.6
201	109.3	84.8	127.2





#19

n-Nitroso-di-n-propylamine

Concen: 61.111 ng

RT: 8.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

Tgt Ion: 70 Resp: 85180

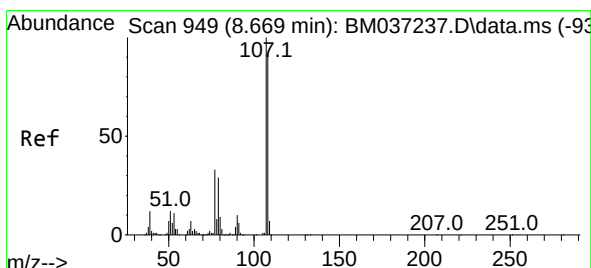
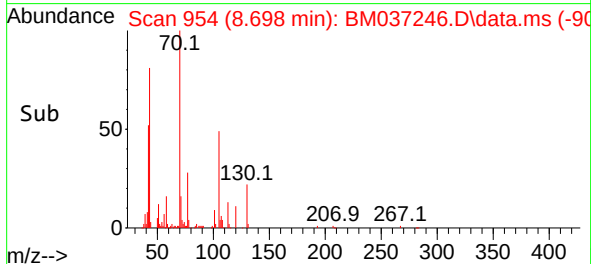
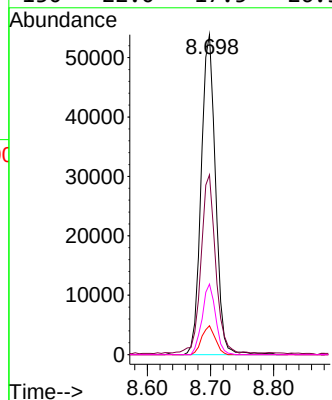
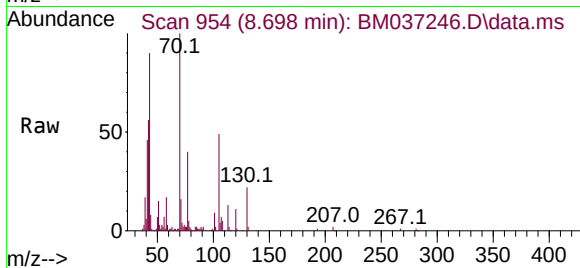
Ion Ratio Lower Upper

70 100

42 56.2 43.6 65.4

101 9.0 7.4 11.0

130 22.0 17.5 26.3



#20

3+4-Methylphenols

Concen: 74.835 ng

RT: 8.663 min Scan# 948

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Tgt Ion: 107 Resp: 154636

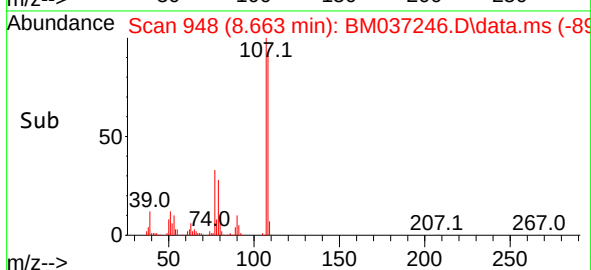
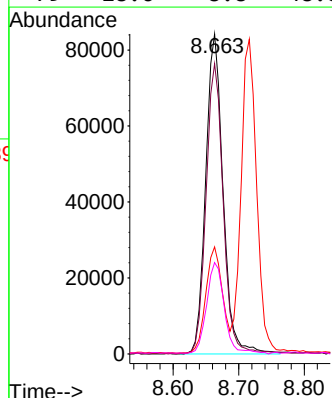
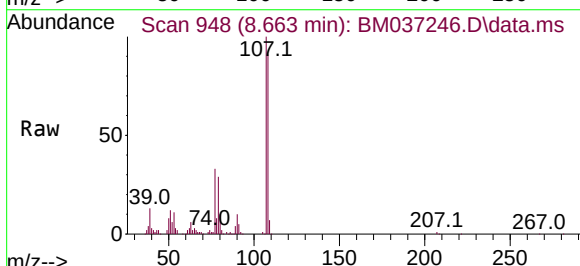
Ion Ratio Lower Upper

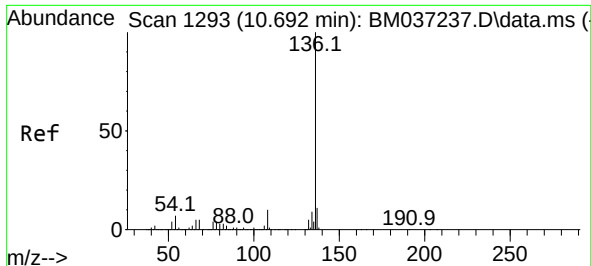
107 100

108 90.7 70.7 110.7

77 33.4 13.2 53.2

79 28.6 8.8 48.8

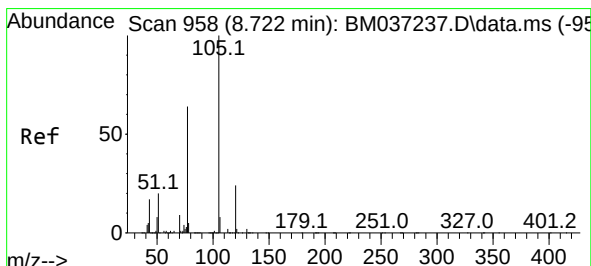
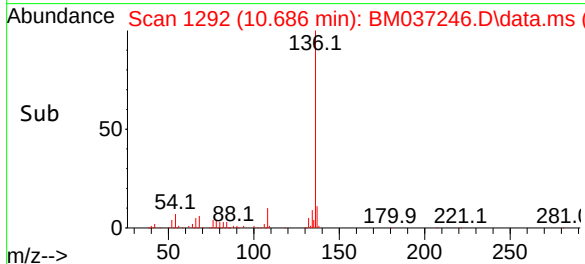
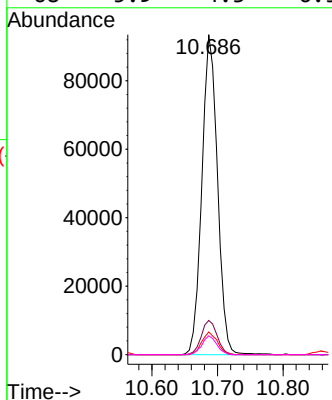
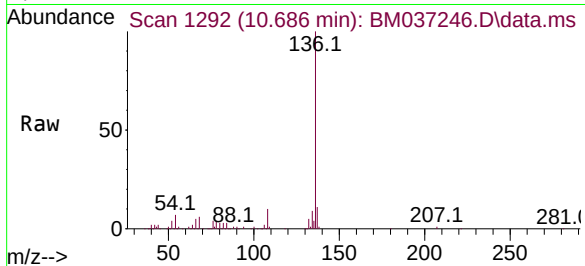




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

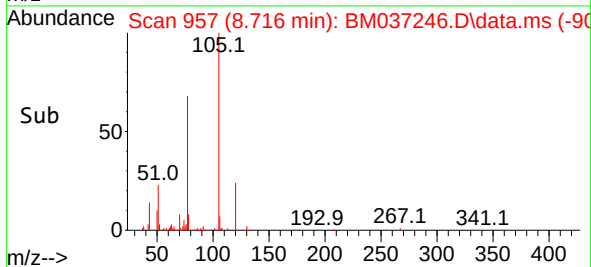
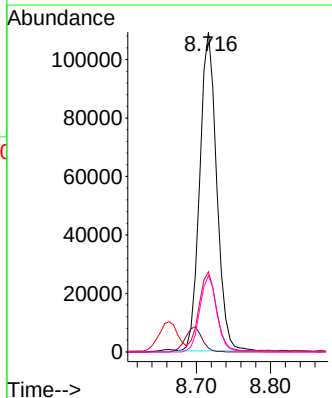
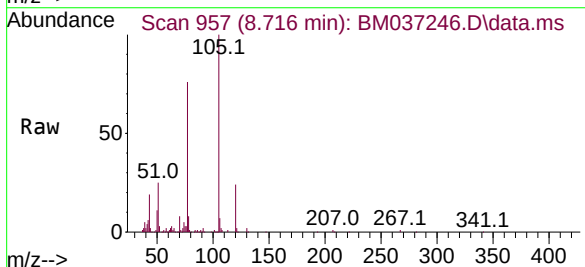
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

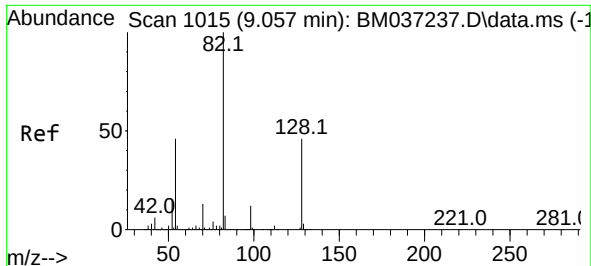
Tgt Ion:	136	Resp:	153607
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.1	5.6	8.4
68	5.9	4.3	6.5



#22
Acetophenone
Concen: 48.123 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:	105	Resp:	172903
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.7	2.5
51	25.0	19.2	28.8
120	23.8	19.5	29.3

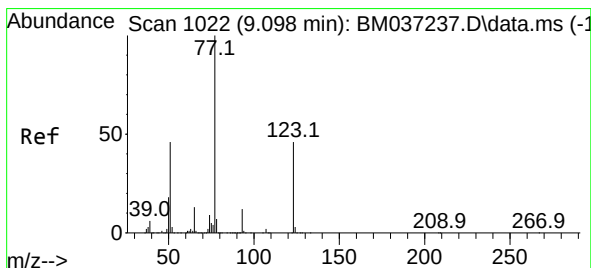
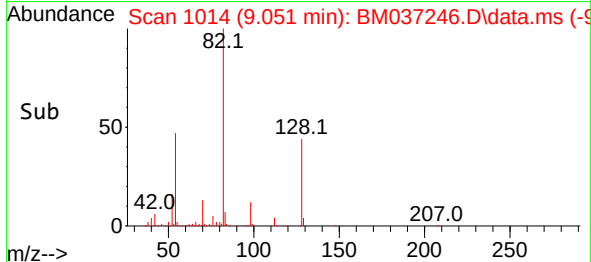
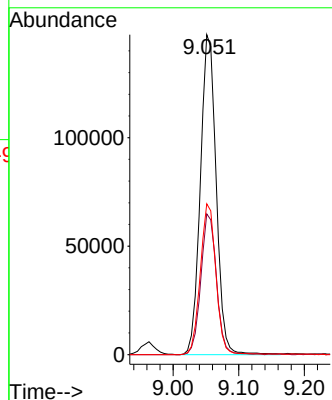
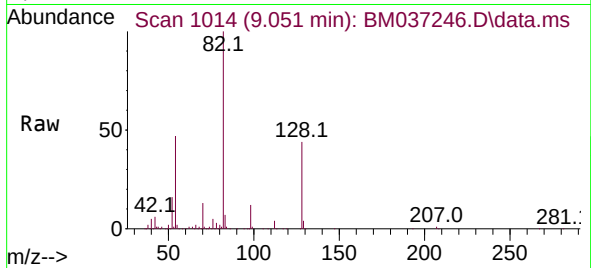




#23
Nitrobenzene-d5
Concen: 91.585 ng
RT: 9.051 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

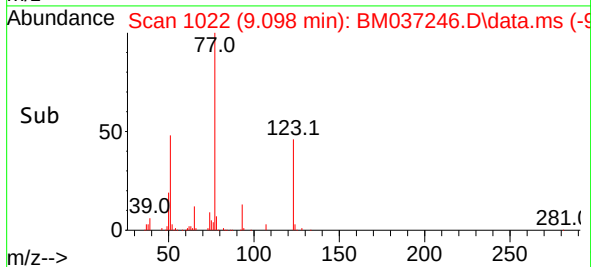
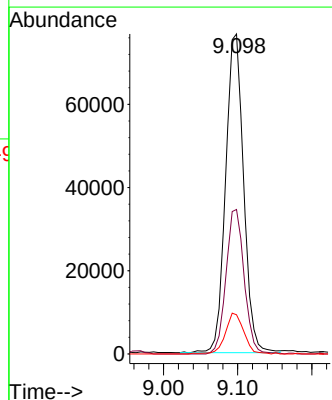
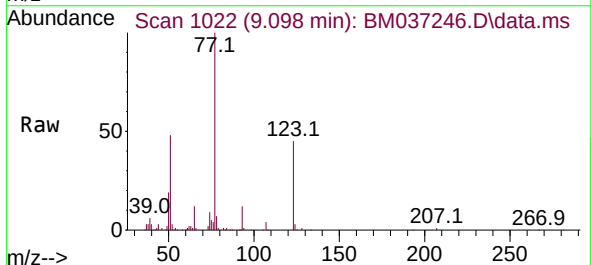
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

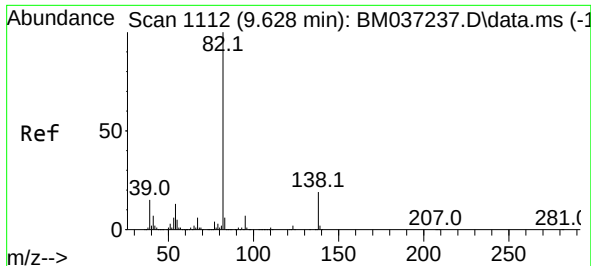
Tgt Ion: 82 Resp: 246427
Ion Ratio Lower Upper
82 100
128 44.0 36.7 55.1
54 47.1 36.6 55.0



#24
Nitrobenzene
Concen: 47.034 ng
RT: 9.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion: 77 Resp: 129430
Ion Ratio Lower Upper
77 100
123 45.1 37.0 55.6
65 12.3 10.4 15.6

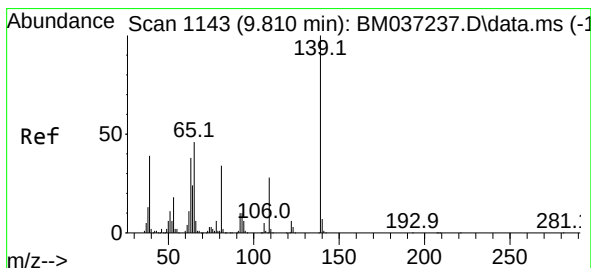
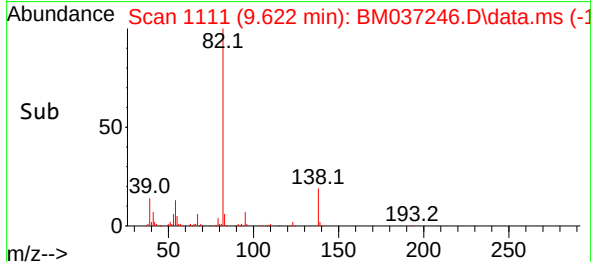
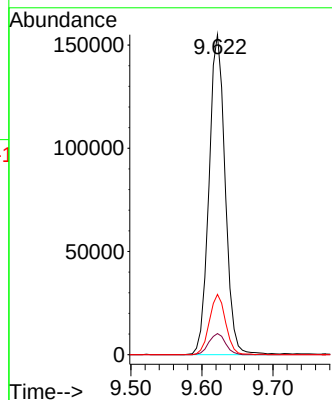
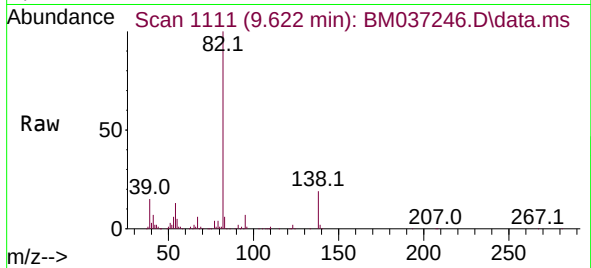




#25
Isophorone
Concen: 52.275 ng
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

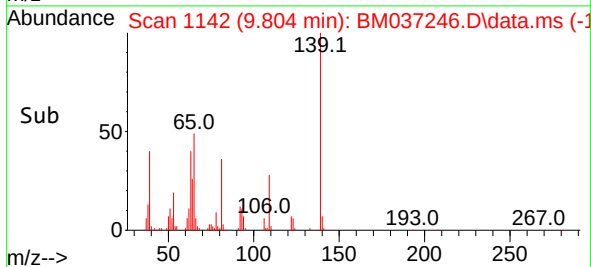
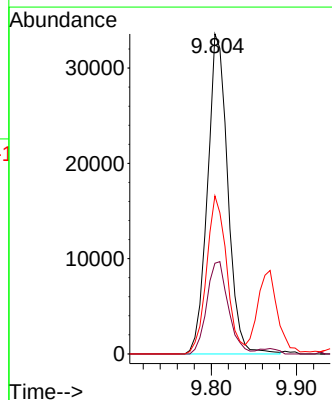
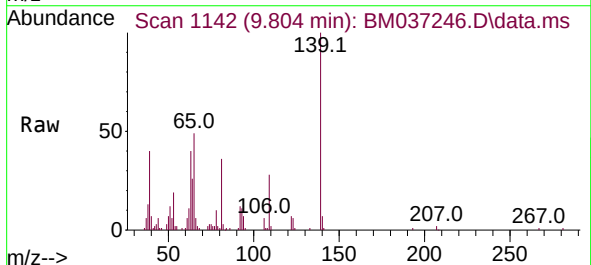
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

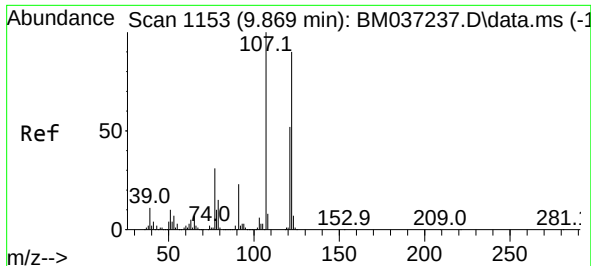
Tgt Ion: 82 Resp: 244344
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 18.8 15.0 22.6



#26
2-Nitrophenol
Concen: 44.073 ng
RT: 9.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion: 139 Resp: 55380
Ion Ratio Lower Upper
139 100
109 28.3 22.8 34.2
65 49.4 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 67.676 ng

RT: 9.863 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

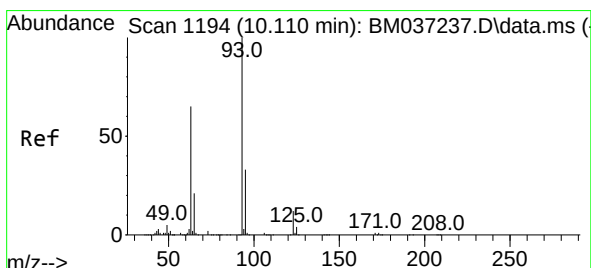
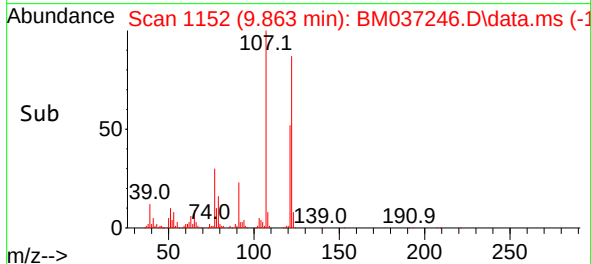
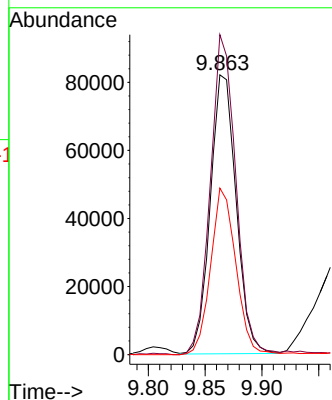
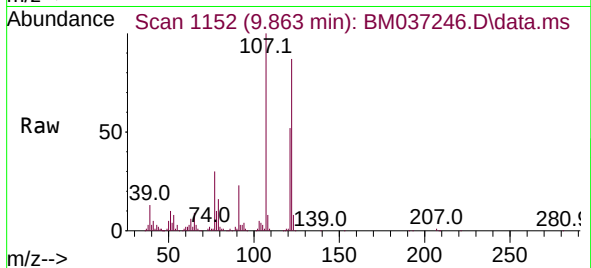
Tgt Ion:122 Resp: 129881

Ion Ratio Lower Upper

122 100

107 114.4 89.0 133.4

121 59.5 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 53.816 ng

RT: 10.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

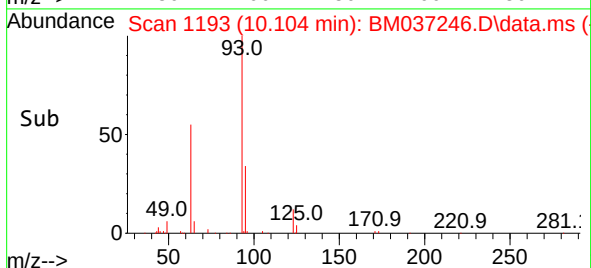
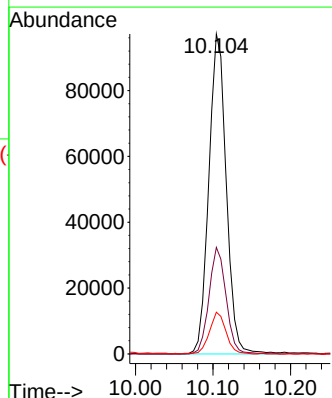
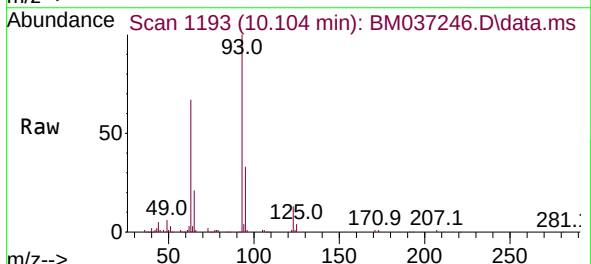
Tgt Ion: 93 Resp: 151808

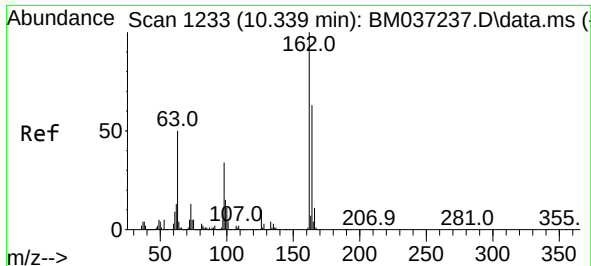
Ion Ratio Lower Upper

93 100

95 33.3 26.7 40.1

123 13.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 57.672 ng

RT: 10.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

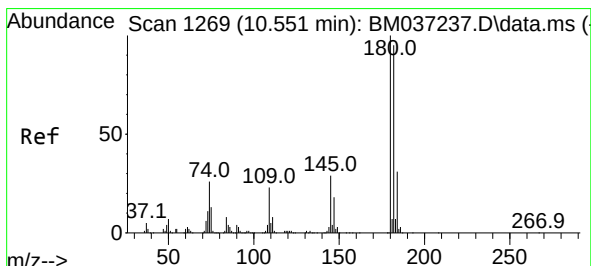
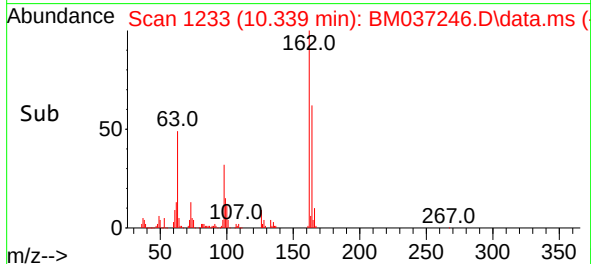
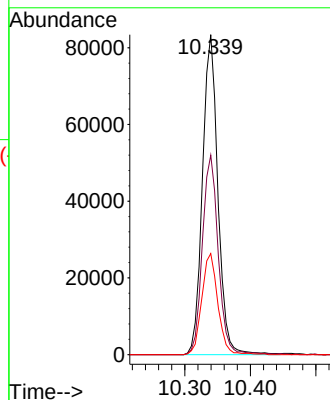
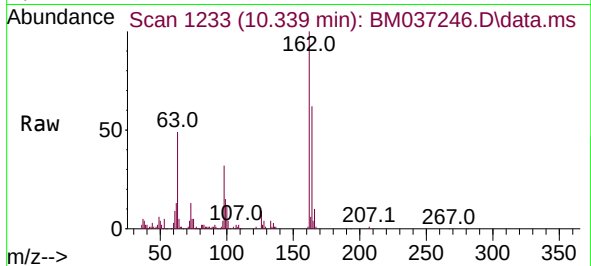
Tgt Ion:162 Resp: 135994

Ion Ratio Lower Upper

162 100

164 62.3 43.4 83.4

98 31.6 13.6 53.6



#30

1,2,4-Trichlorobenzene

Concen: 42.537 ng

RT: 10.551 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

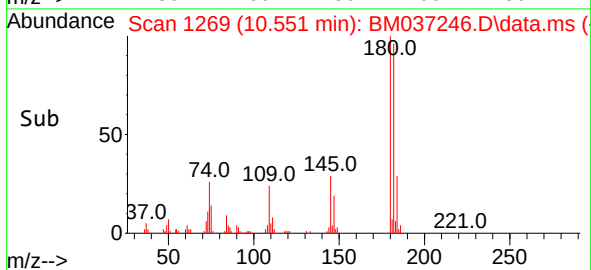
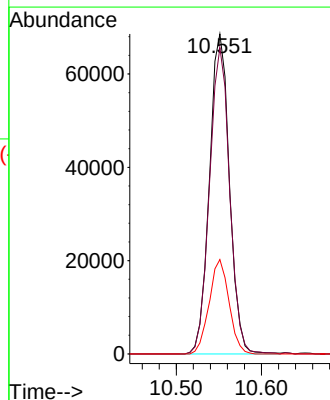
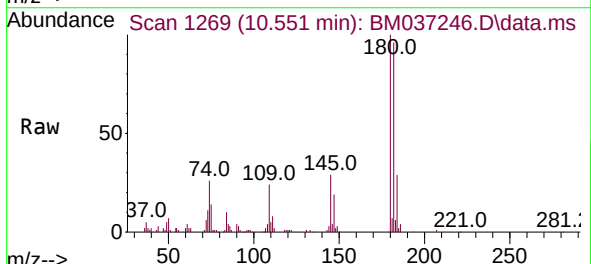
Tgt Ion:180 Resp: 111904

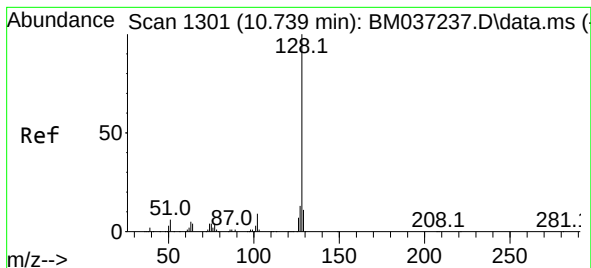
Ion Ratio Lower Upper

180 100

182 95.7 75.7 113.5

145 29.5 23.3 34.9

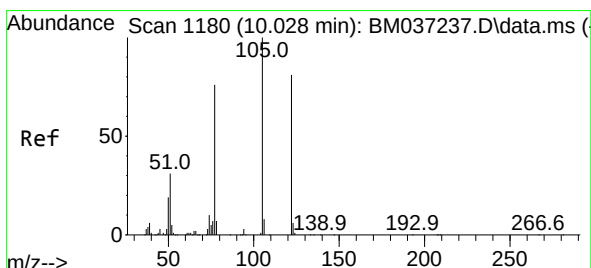
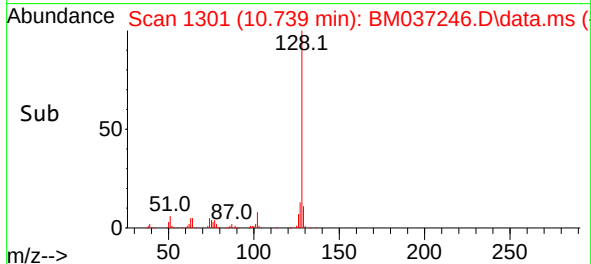
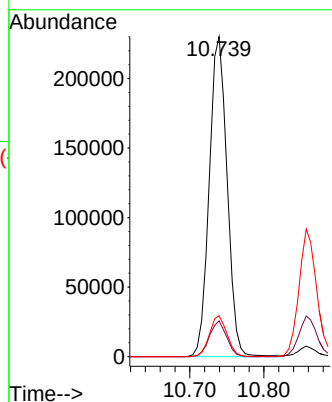
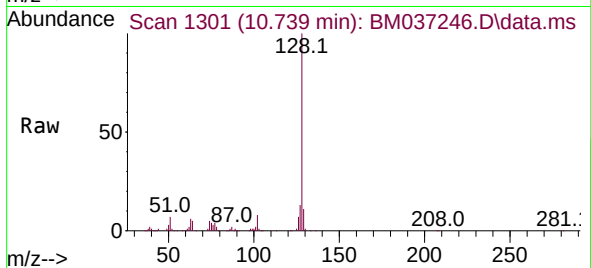




#31
Naphthalene
Concen: 46.951 ng
RT: 10.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

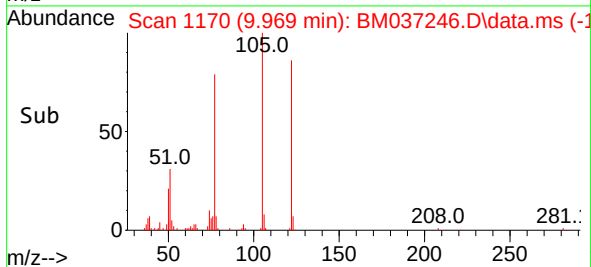
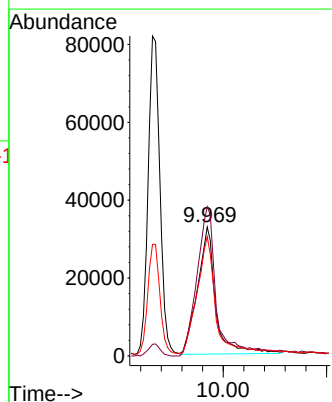
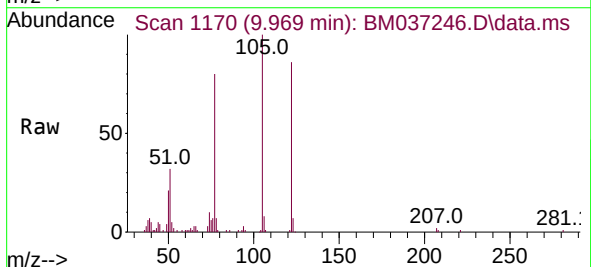
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

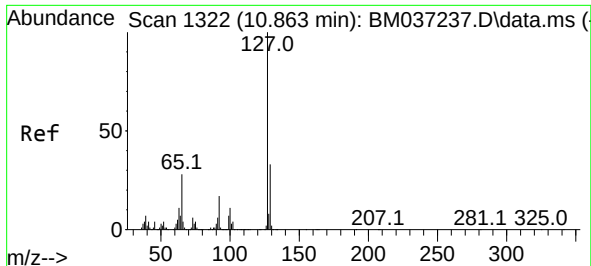
Tgt Ion:128 Resp: 384953
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 46.547 ng
RT: 9.969 min Scan# 1170
Delta R.T. -0.059 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:122 Resp: 79888
Ion Ratio Lower Upper
122 100
105 115.9 99.1 139.1
77 92.5 72.3 112.3

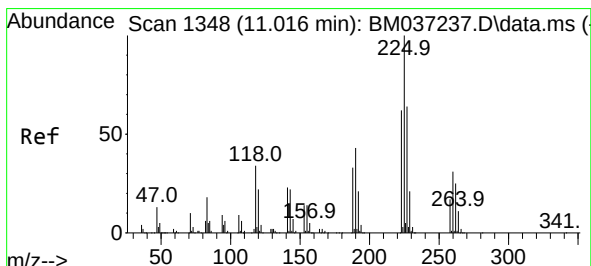
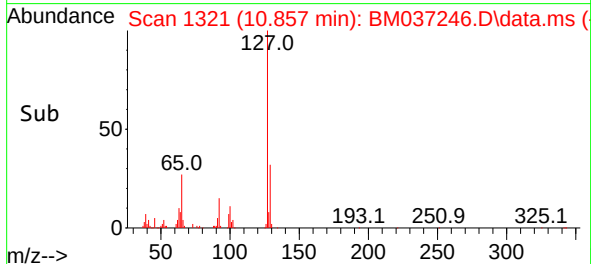
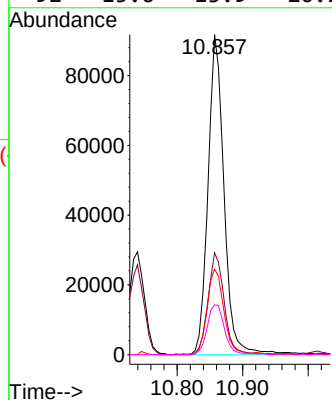
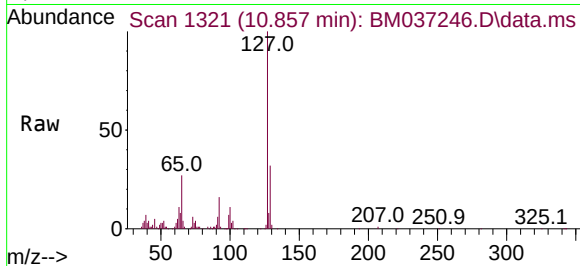




#33
4-Chloroaniline
Concen: 48.119 ng
RT: 10.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

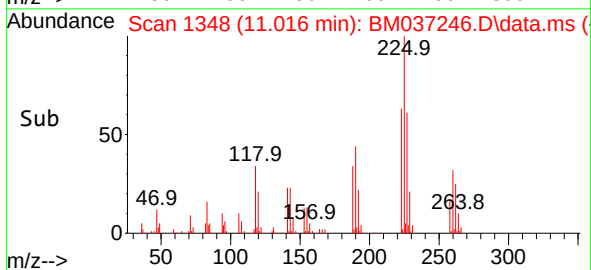
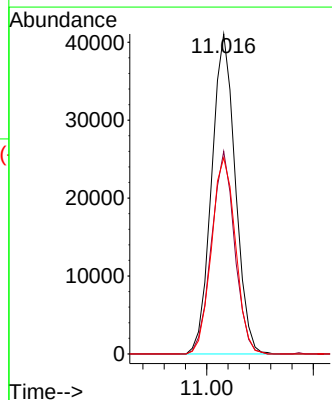
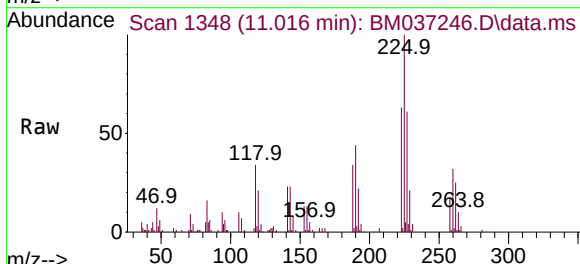
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

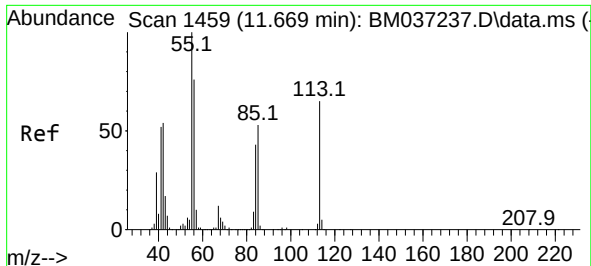
Tgt Ion:	127	Resp:	154967
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.2	39.2
65	26.7	22.5	33.7
92	15.6	13.9	20.9



#34
Hexachlorobutadiene
Concen: 38.086 ng
RT: 11.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:	225	Resp:	63327
Ion Ratio	Lower	Upper	
225	100		
223	63.3	49.8	74.6
227	61.3	51.0	76.4

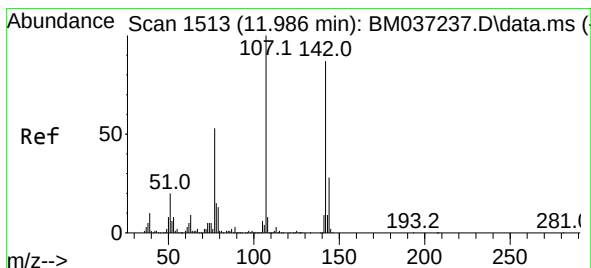
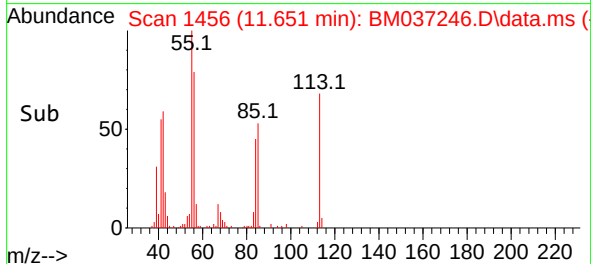
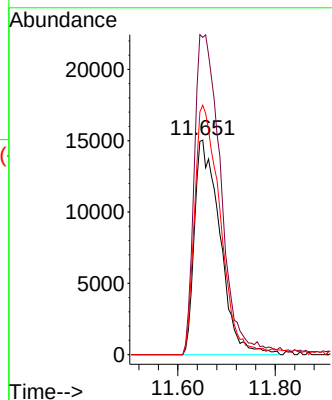
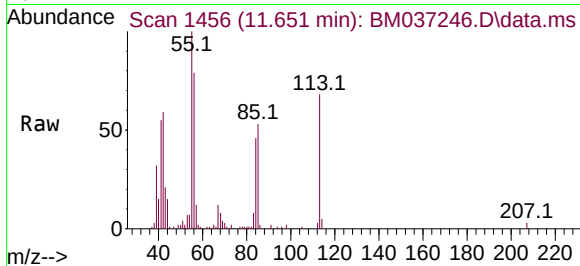




#35
 Caprolactam
 Concen: 77.962 ng
 RT: 11.651 min Scan# 1456
 Delta R.T. -0.018 min
 Lab File: BM037246.D
 Acq: 26 Oct 2022 20:24

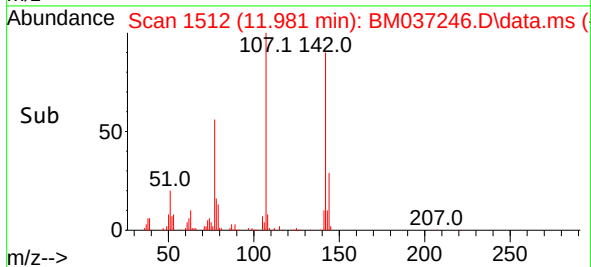
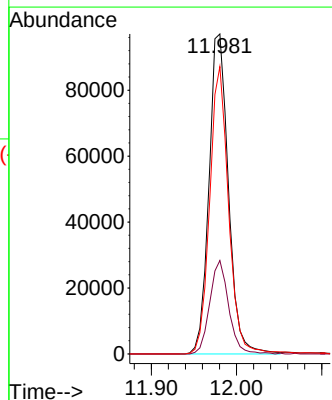
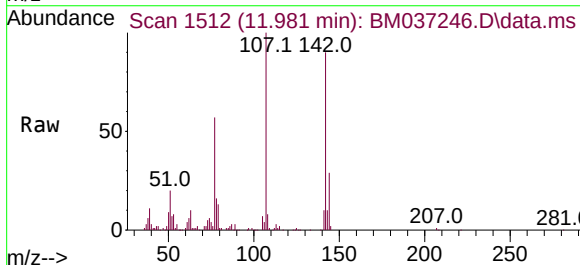
Instrument :
 BNA_M
 ClientSampleId :
 PB148383BSD

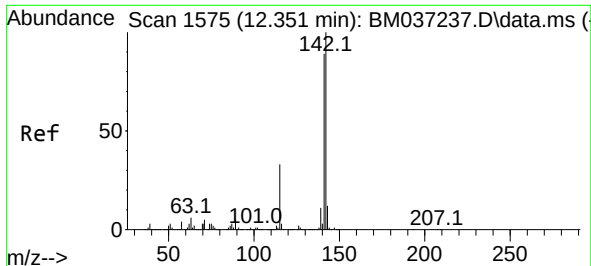
Tgt Ion:113 Resp: 54543
 Ion Ratio Lower Upper
 113 100
 55 148.0 134.2 174.2
 56 116.3 96.8 136.8



#36
 4-Chloro-3-methylphenol
 Concen: 67.316 ng
 RT: 11.981 min Scan# 1512
 Delta R.T. -0.006 min
 Lab File: BM037246.D
 Acq: 26 Oct 2022 20:24

Tgt Ion:107 Resp: 153868
 Ion Ratio Lower Upper
 107 100
 144 29.2 22.5 33.7
 142 89.8 69.4 104.2





#37

2-Methylnaphthalene

Concen: 51.713 ng

RT: 12.345 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

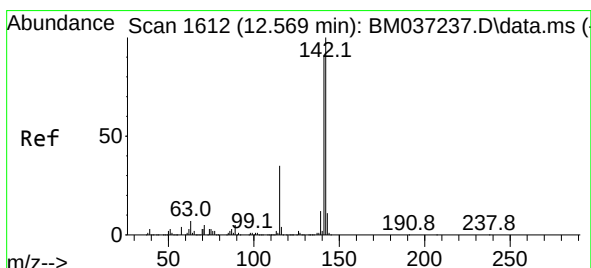
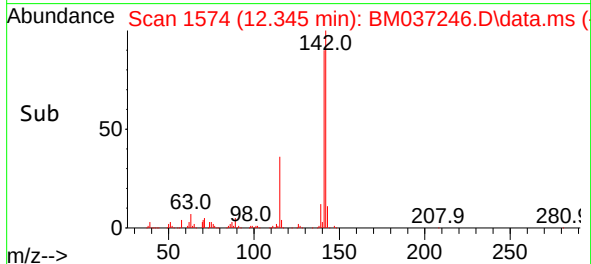
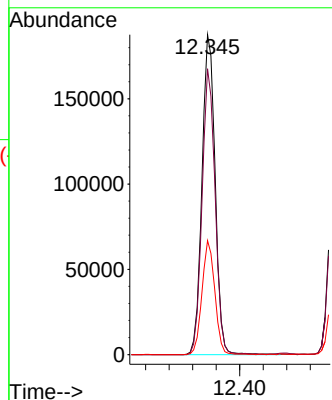
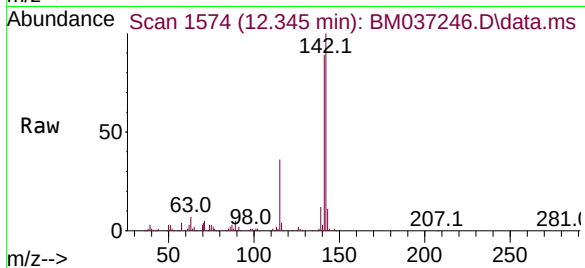
Tgt Ion:142 Resp: 291324

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

115 35.6 26.6 39.8



#38

1-Methylnaphthalene

Concen: 51.727 ng

RT: 12.569 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

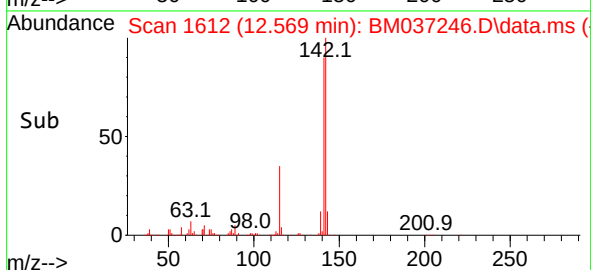
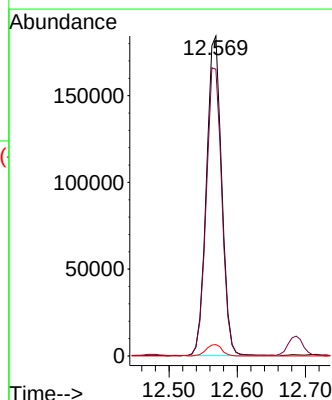
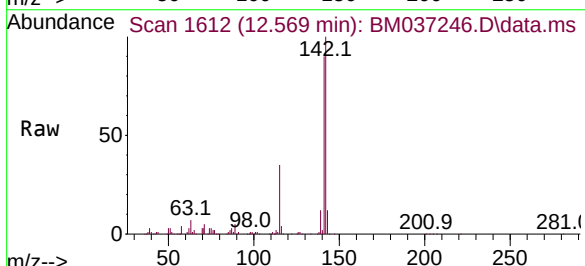
Tgt Ion:142 Resp: 286064

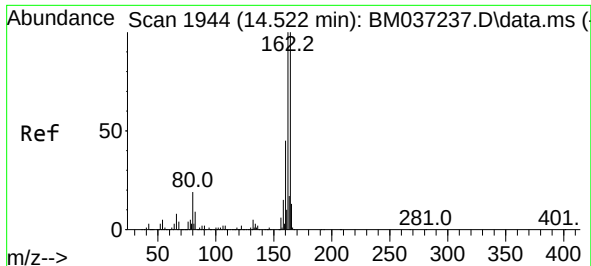
Ion Ratio Lower Upper

142 100

141 89.6 73.1 109.7

116 3.5 3.0 4.4

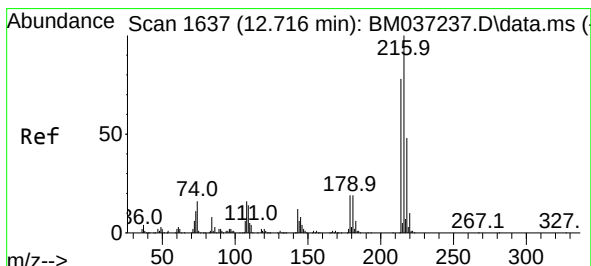
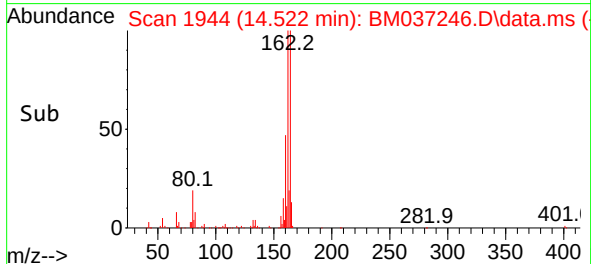
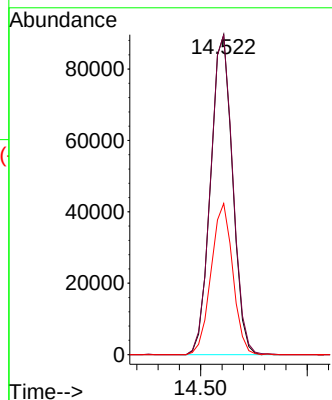
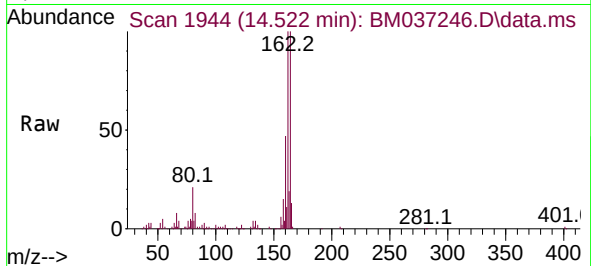




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

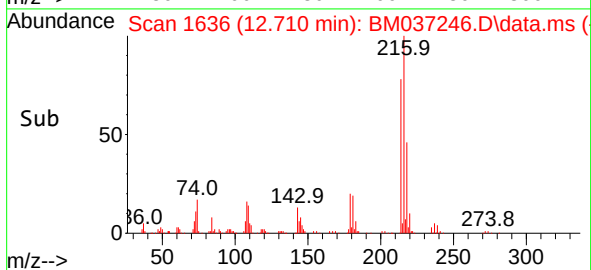
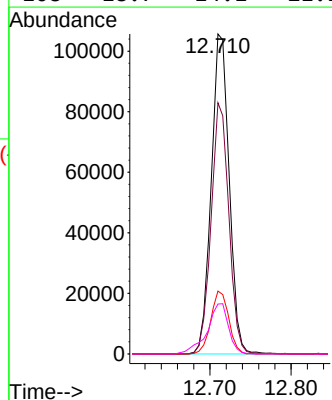
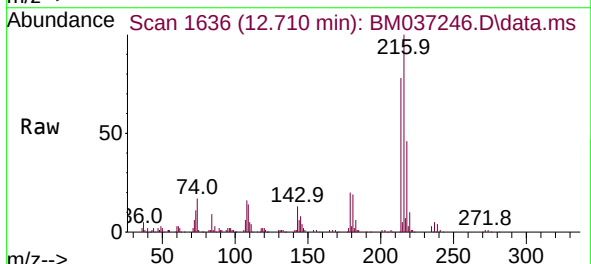
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

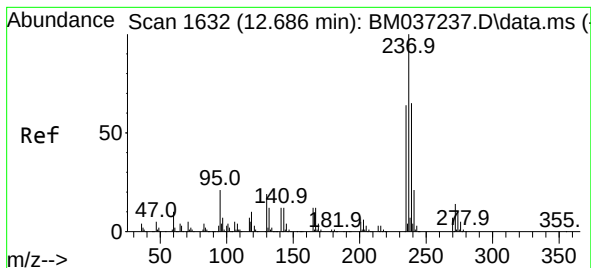
Tgt Ion:164 Resp: 127863
Ion Ratio Lower Upper
164 100
162 99.9 80.0 120.0
160 47.2 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.206 ng
RT: 12.710 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:216 Resp: 162126
Ion Ratio Lower Upper
216 100
214 77.8 62.8 94.2
179 19.6 15.5 23.3
108 18.7 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 72.192 ng

RT: 12.686 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

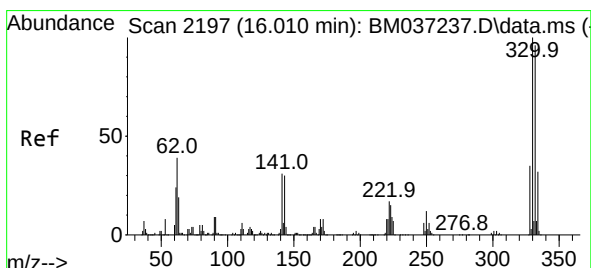
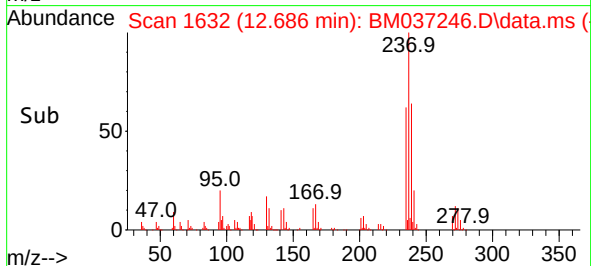
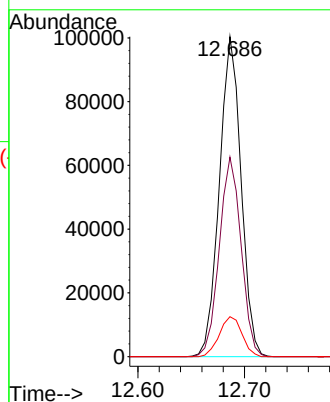
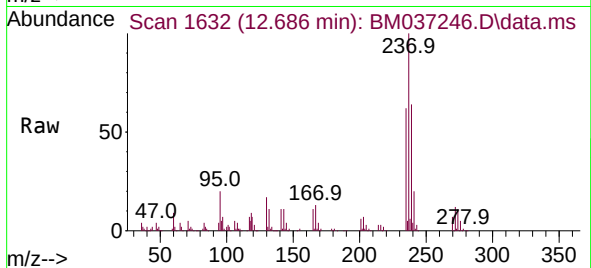
Tgt Ion:237 Resp: 142386

Ion Ratio Lower Upper

237 100

235 62.3 44.2 84.2

272 12.5 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 126.152 ng

RT: 16.004 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

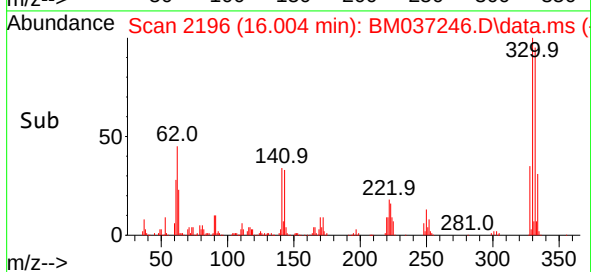
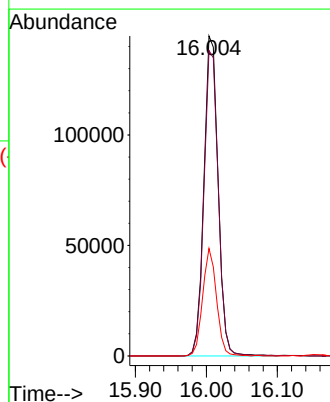
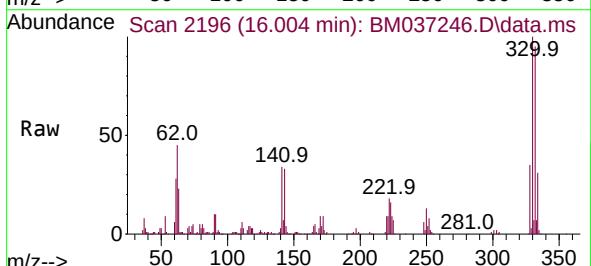
Tgt Ion:330 Resp: 199953

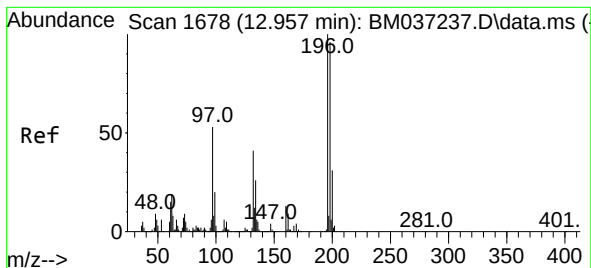
Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

141 32.7 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 46.262 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

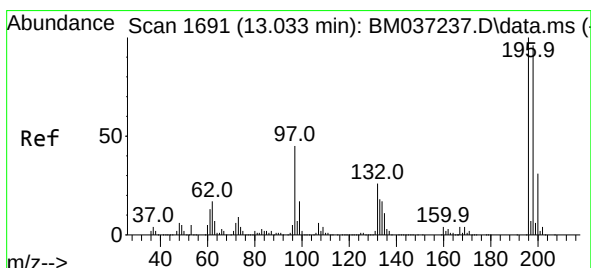
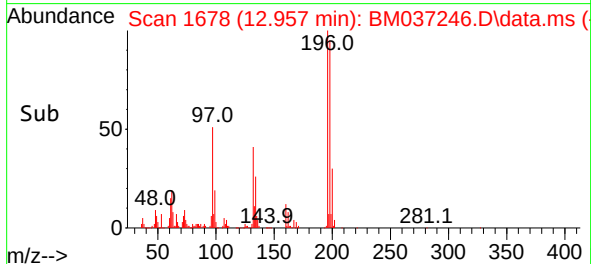
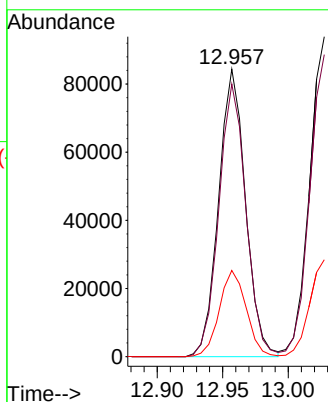
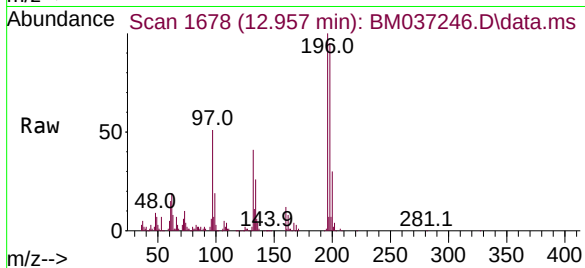
Tgt Ion:196 Resp: 120709

Ion Ratio Lower Upper

196 100

198 94.8 77.2 115.8

200 30.0 24.8 37.2



#44

2,4,5-Trichlorophenol

Concen: 49.700 ng

RT: 13.028 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Tgt Ion:196 Resp: 143698

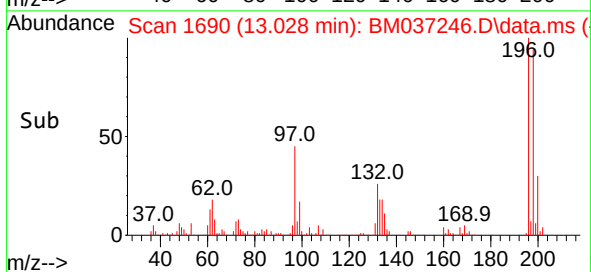
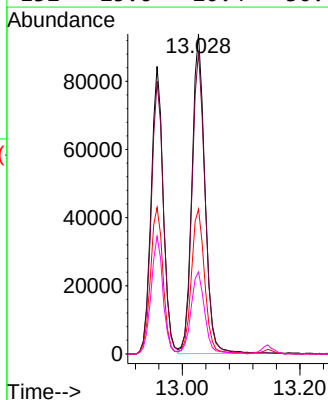
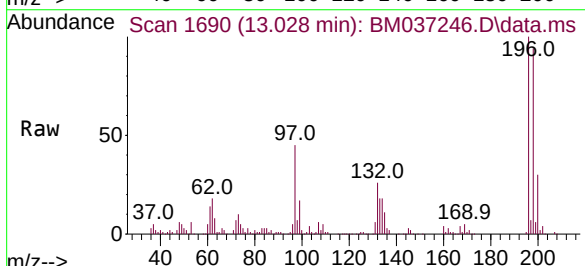
Ion Ratio Lower Upper

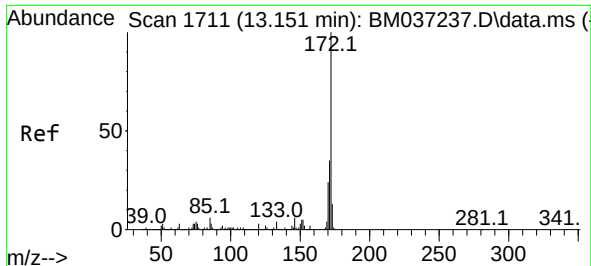
196 100

198 94.4 77.0 115.6

97 45.3 35.8 53.8

132 25.6 20.4 30.6

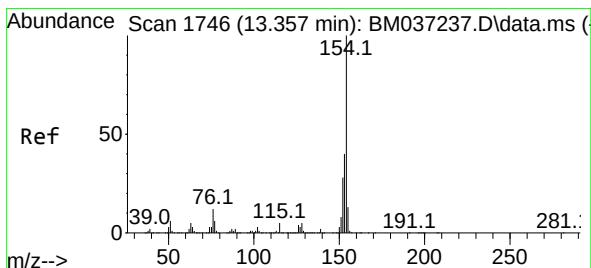
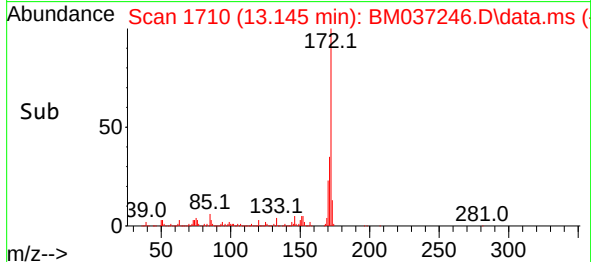
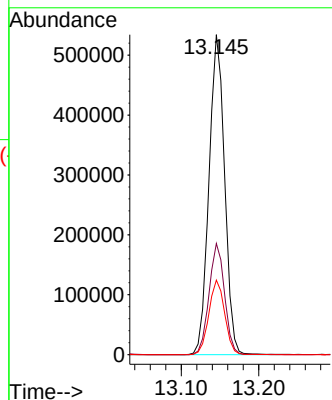
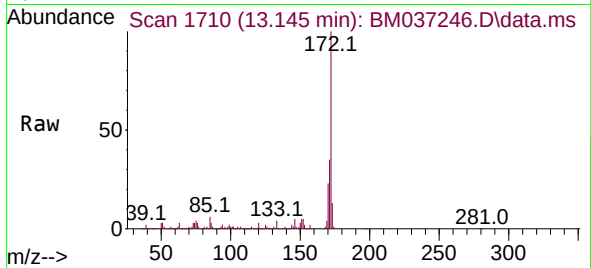




#45
2-Fluorobiphenyl
Concen: 82.613 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

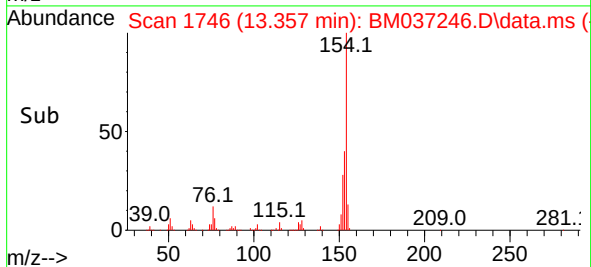
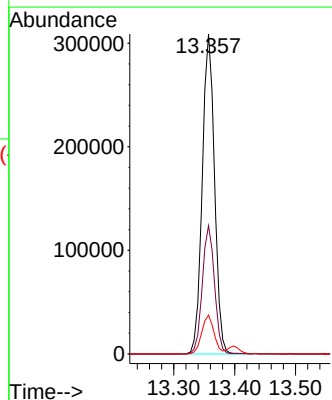
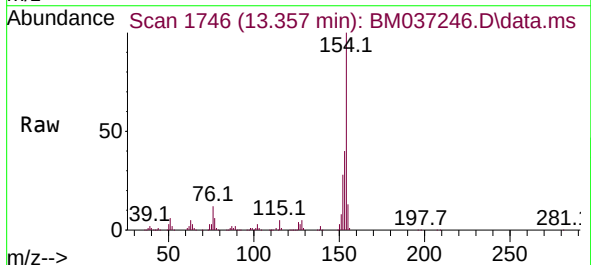
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

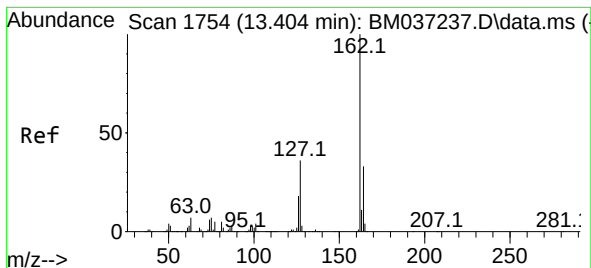
Tgt Ion:172 Resp: 747964
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.797 ng
RT: 13.357 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:154 Resp: 431019
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 12.1 0.0 32.1





#47

2-Chloronaphthalene

Concen: 44.301 ng

RT: 13.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

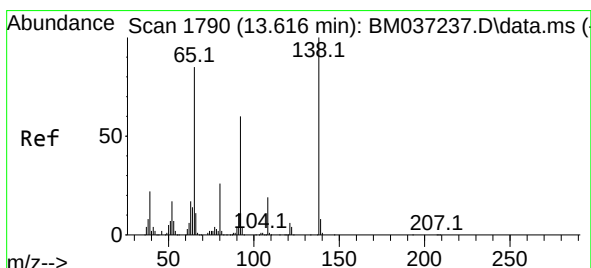
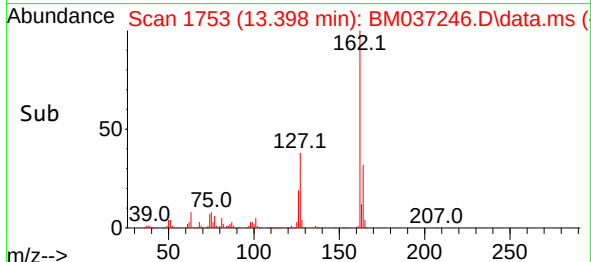
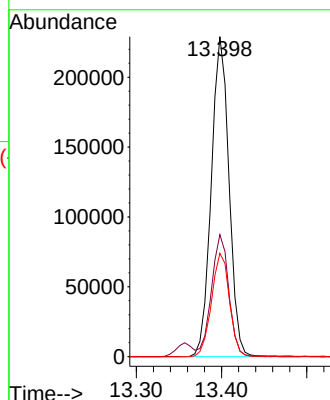
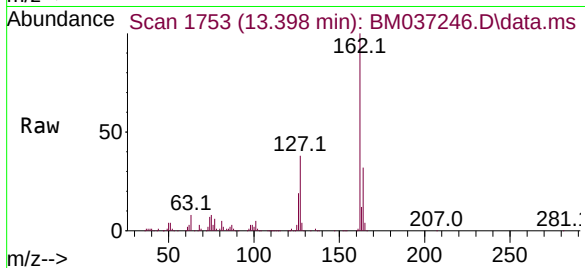
Tgt Ion:162 Resp: 330698

Ion Ratio Lower Upper

162 100

127 38.1 29.4 44.0

164 32.3 26.5 39.7



#48

2-Nitroaniline

Concen: 54.296 ng

RT: 13.610 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

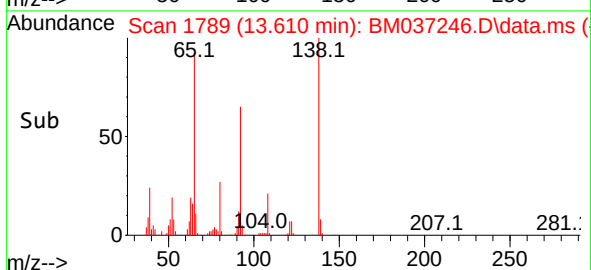
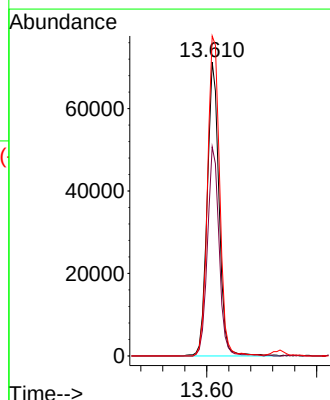
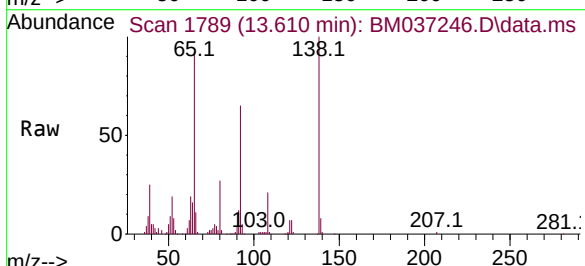
Tgt Ion: 65 Resp: 106674

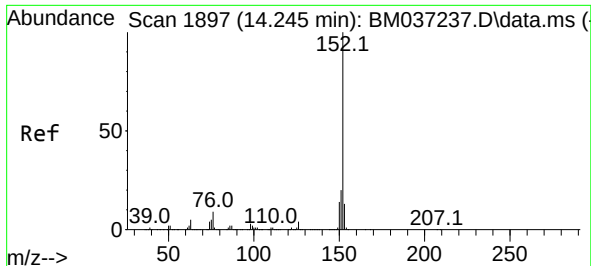
Ion Ratio Lower Upper

65 100

92 71.1 56.1 84.1

138 108.9 94.2 141.2

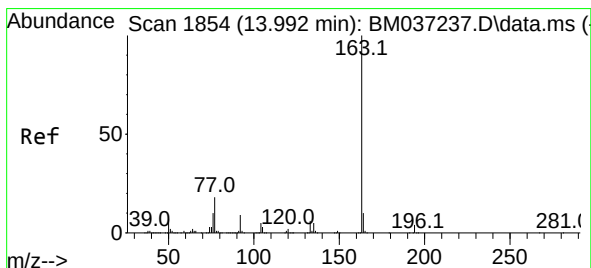
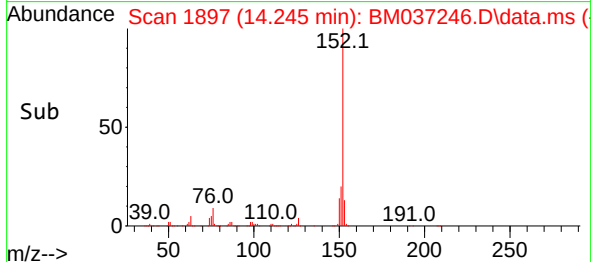
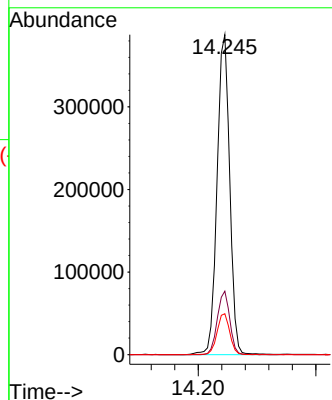
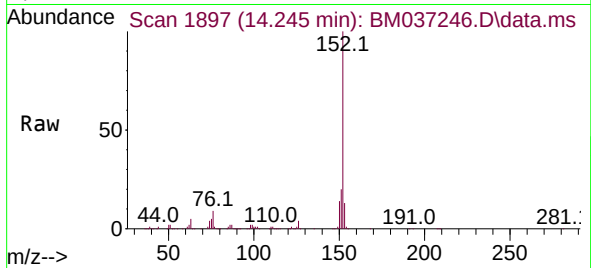




#49
Acenaphthylene
Concen: 49.213 ng
RT: 14.245 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

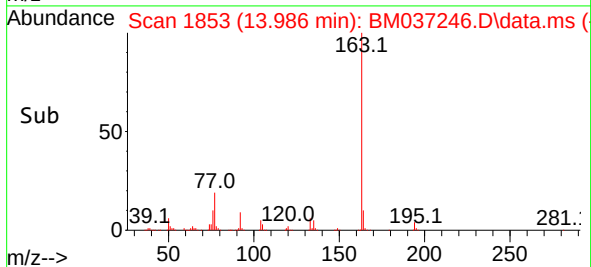
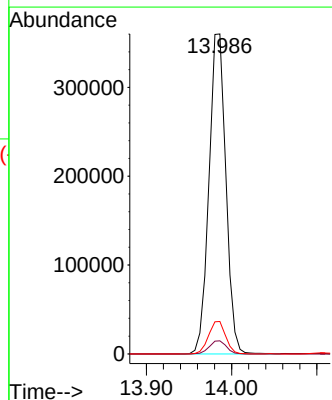
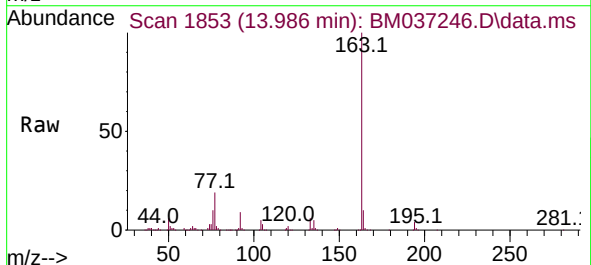
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

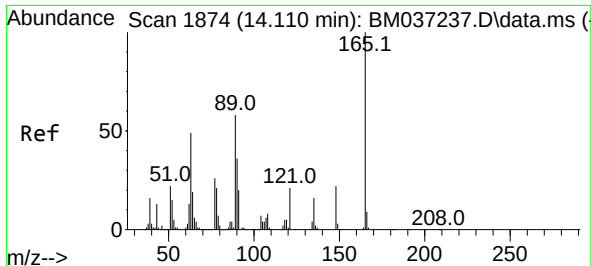
Tgt Ion:152 Resp: 576319
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 12.8 10.6 15.8



#50
Dimethylphthalate
Concen: 53.269 ng
RT: 13.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:163 Resp: 496992
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.0 12.0

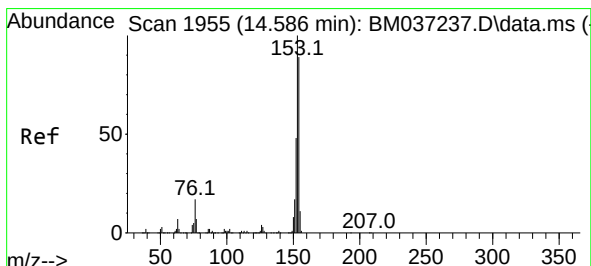
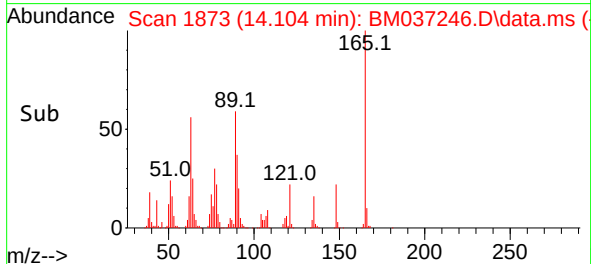
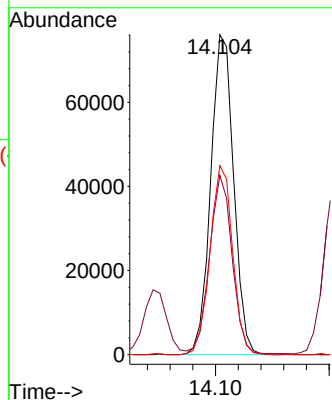
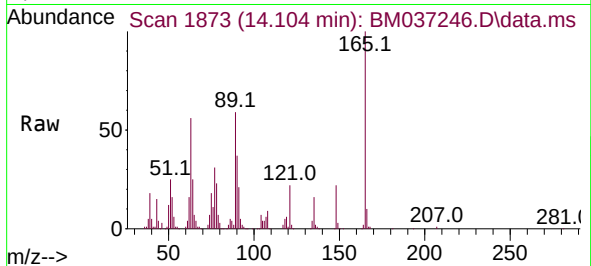




#51
2,6-Dinitrotoluene
Concen: 54.915 ng
RT: 14.104 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

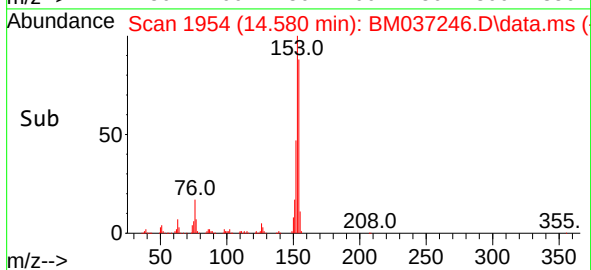
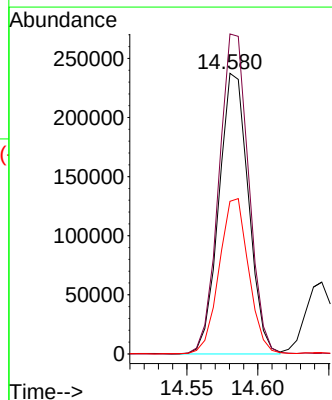
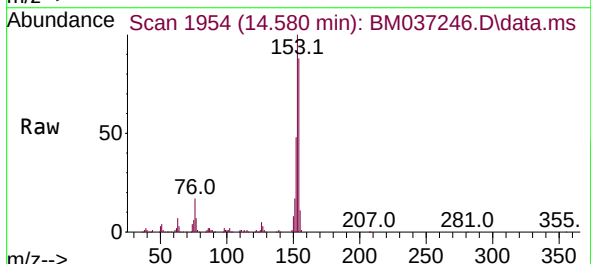
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

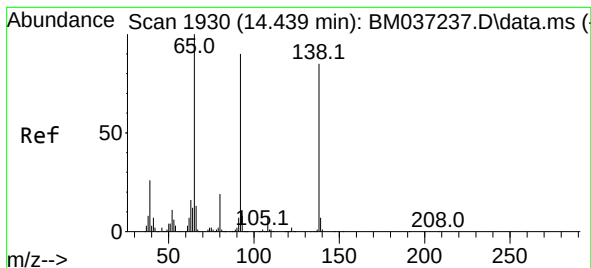
Tgt Ion:165 Resp: 106458
Ion Ratio Lower Upper
165 100
63 56.0 42.4 63.6
89 59.0 46.2 69.2



#52
Acenaphthene
Concen: 47.690 ng
RT: 14.580 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:154 Resp: 343905
Ion Ratio Lower Upper
154 100
153 114.0 89.7 134.5
152 54.3 42.8 64.2

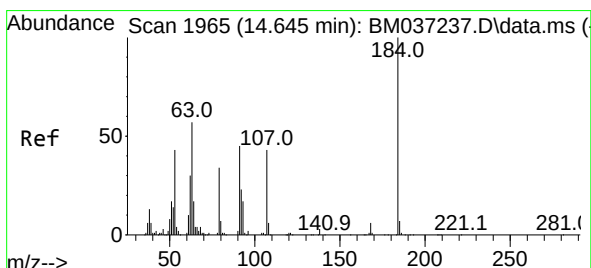
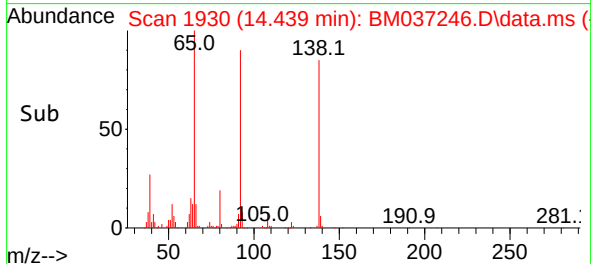
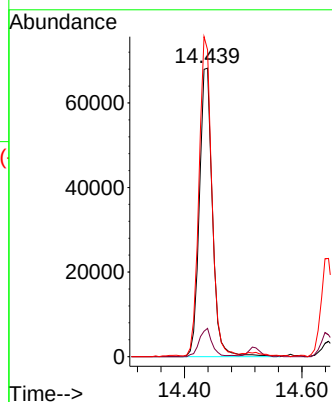
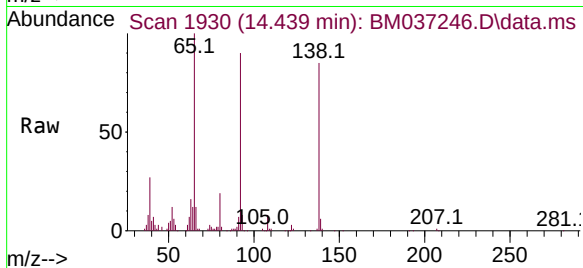




#53
3-Nitroaniline
Concen: 50.232 ng
RT: 14.439 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

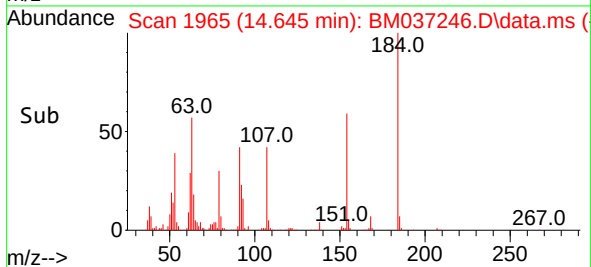
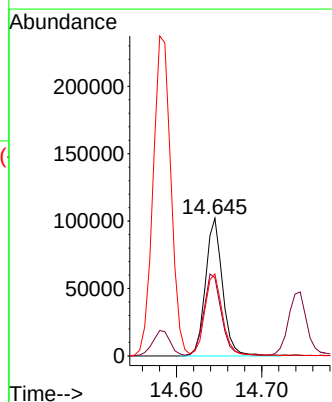
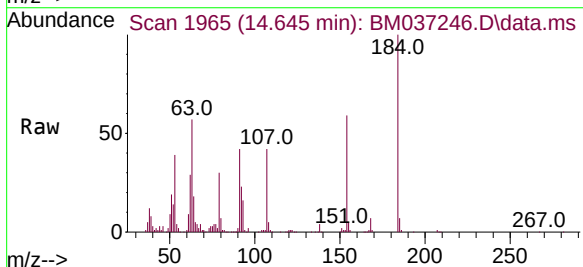
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

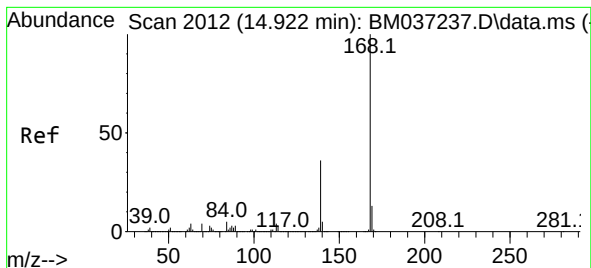
Tgt Ion:138 Resp: 104957
Ion Ratio Lower Upper
138 100
108 9.8 7.1 10.7
92 106.4 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 102.852 ng
RT: 14.645 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:184 Resp: 141548
Ion Ratio Lower Upper
184 100
63 56.8 50.6 76.0
154 59.4 50.0 75.0





#55

Dibenzenofuran

Concen: 52.007 ng

RT: 14.916 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

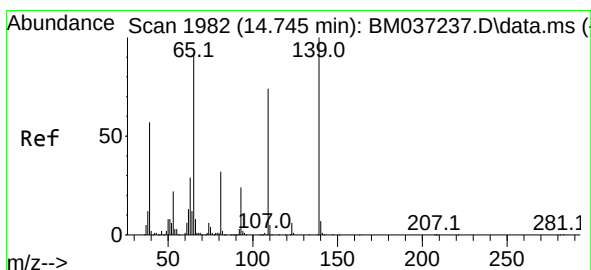
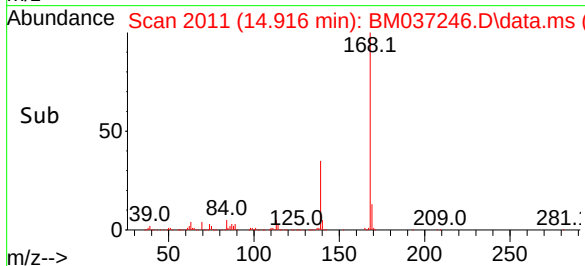
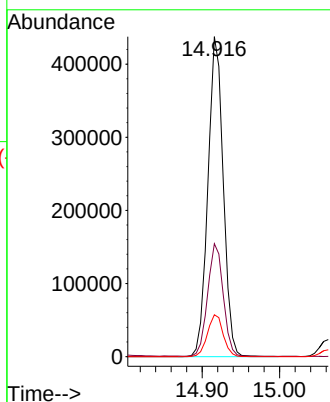
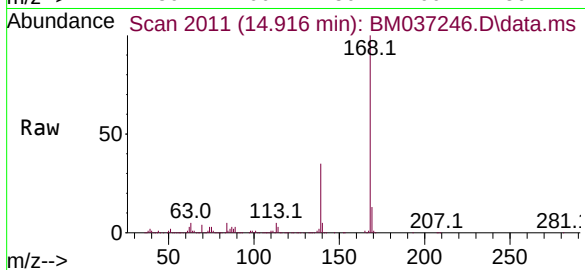
Tgt Ion:168 Resp: 600806

Ion Ratio Lower Upper

168 100

139 35.3 28.9 43.3

169 13.1 10.6 16.0



#56

4-Nitrophenol

Concen: 150.753 ng

RT: 14.745 min Scan# 1982

Delta R.T. 0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

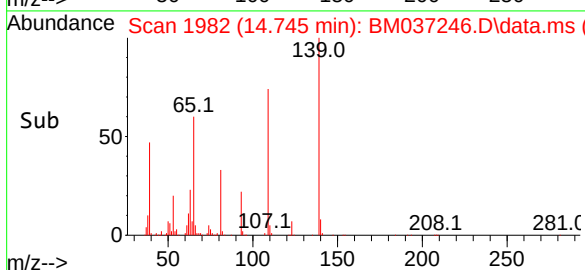
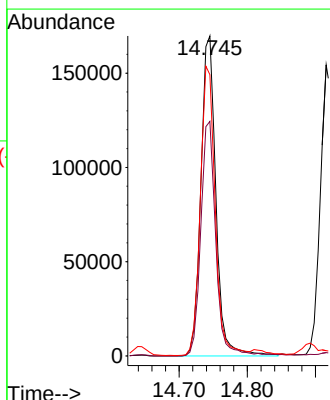
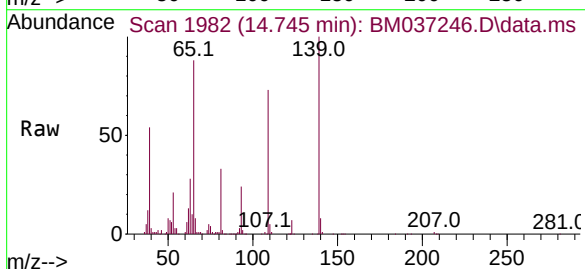
Tgt Ion:139 Resp: 259872

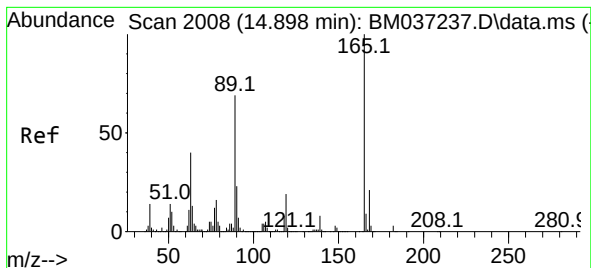
Ion Ratio Lower Upper

139 100

109 73.3 54.1 94.1

65 87.9 71.7 111.7

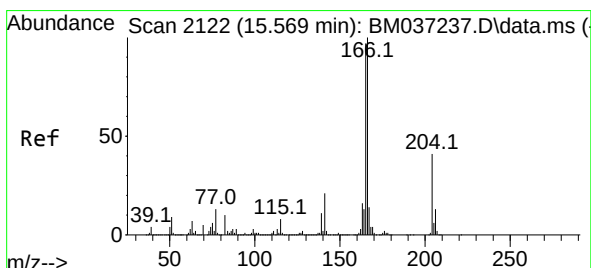
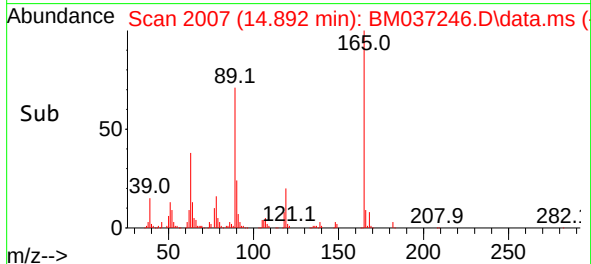
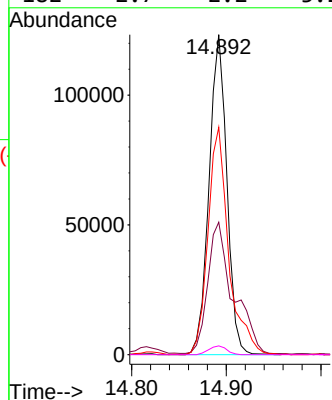
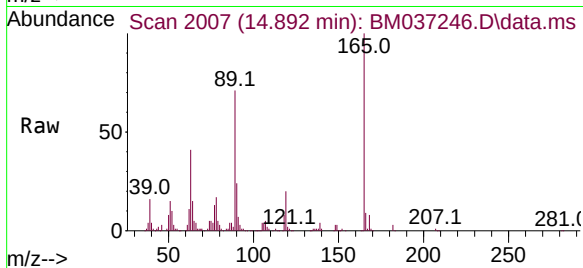




#57
2,4-Dinitrotoluene
Concen: 56.230 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

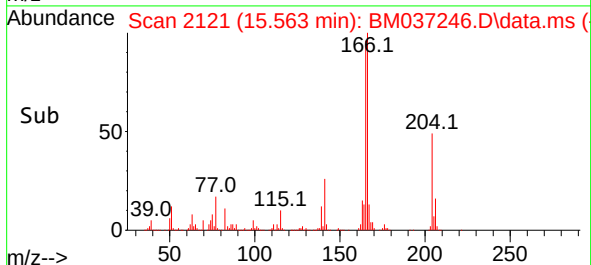
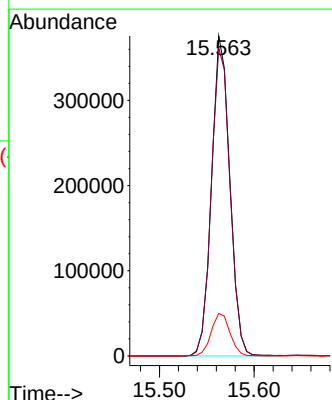
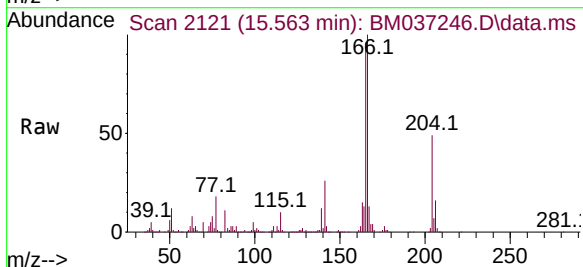
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

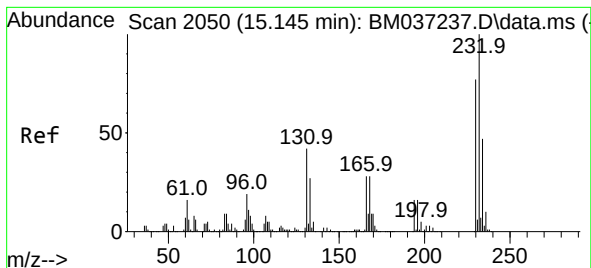
Tgt Ion:165 Resp: 161264
Ion Ratio Lower Upper
165 100
63 41.4 31.9 47.9
89 71.0 55.0 82.4
182 2.7 2.2 3.2



#58
Fluorene
Concen: 53.492 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:166 Resp: 503772
Ion Ratio Lower Upper
166 100
165 96.2 78.0 117.0
167 13.3 10.9 16.3

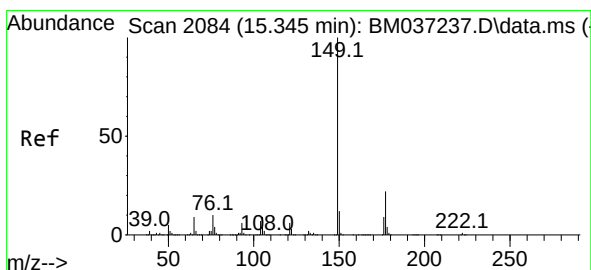
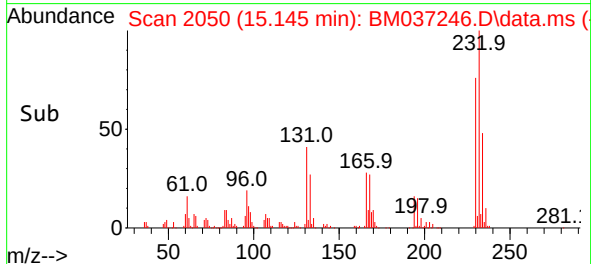
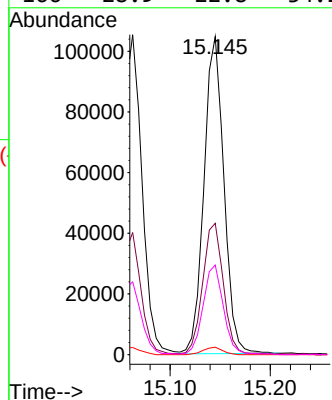
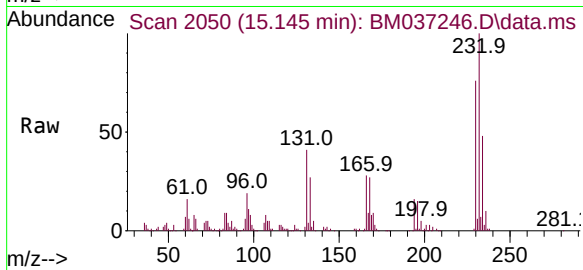




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.137 ng
RT: 15.145 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

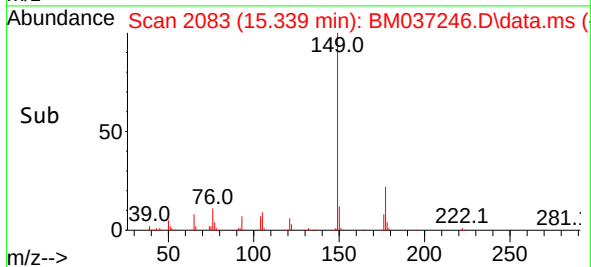
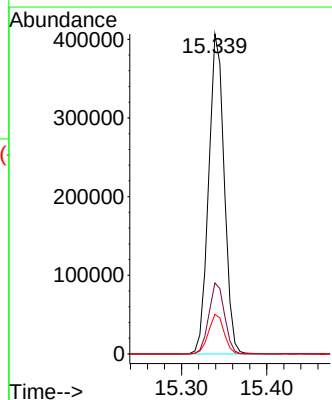
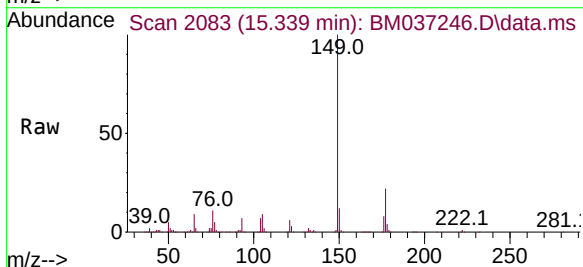
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

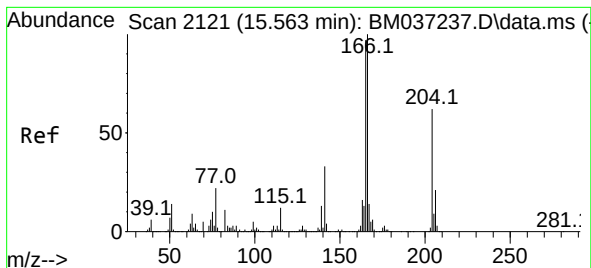
Tgt Ion:	232	Resp:	144183
Ion Ratio	Lower	Upper	
232	100		
131	43.7	33.5	50.3
130	2.3	1.8	2.6
166	28.9	22.8	34.2



#60
Diethylphthalate
Concen: 56.474 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:	149	Resp:	515059
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.9	26.9
150	12.4	9.8	14.8

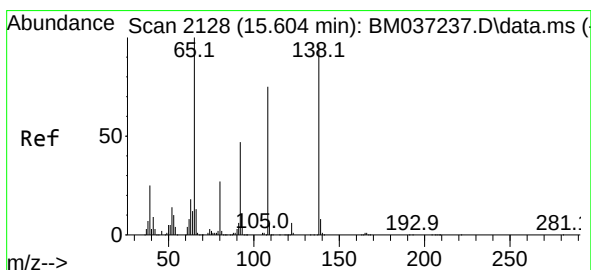
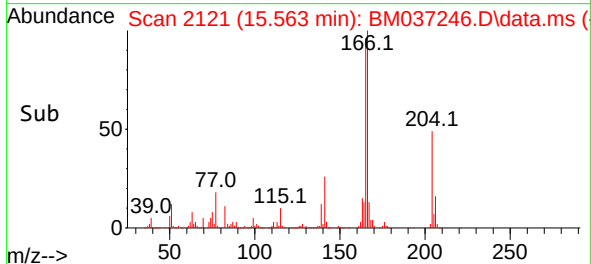
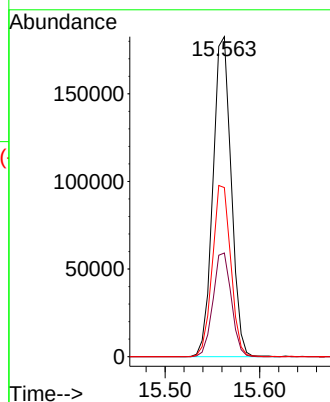
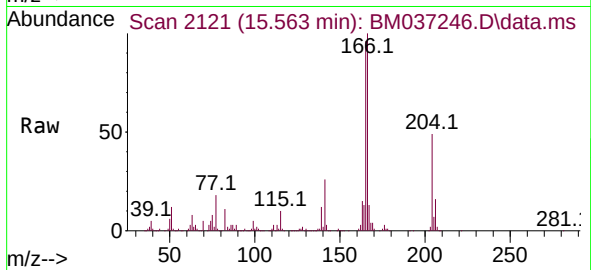




#61
4-Chlorophenyl-phenylether
Concen: 52.157 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

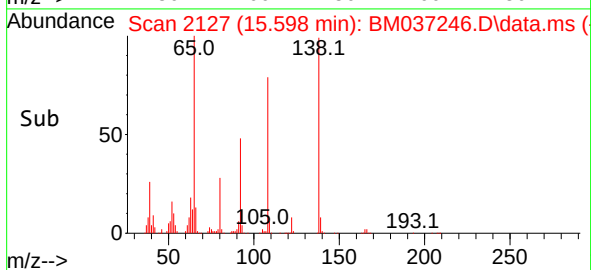
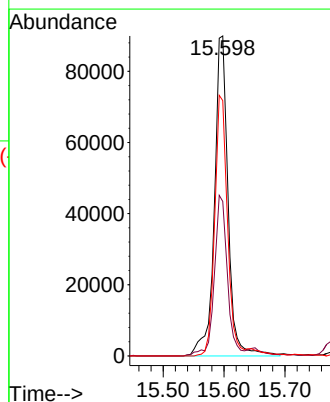
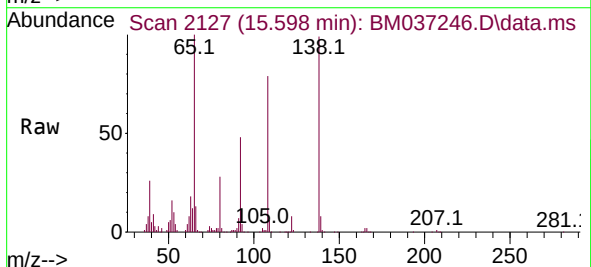
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

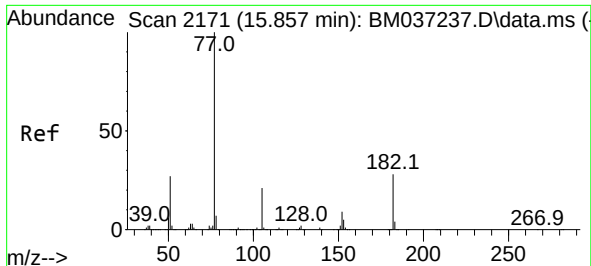
Tgt Ion:204 Resp: 244521
Ion Ratio Lower Upper
204 100
206 32.4 27.0 40.4
141 52.8 42.7 64.1



#62
4-Nitroaniline
Concen: 58.743 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:138 Resp: 141108
Ion Ratio Lower Upper
138 100
92 48.3 28.7 68.7
108 79.8 57.7 97.7

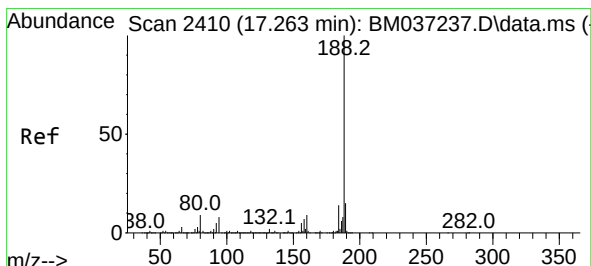
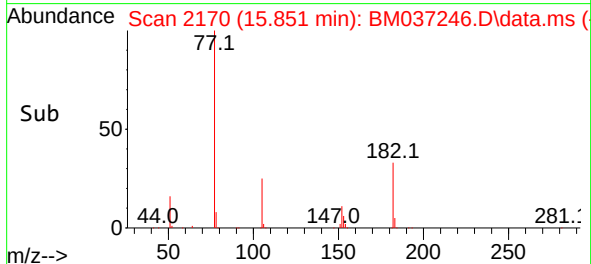
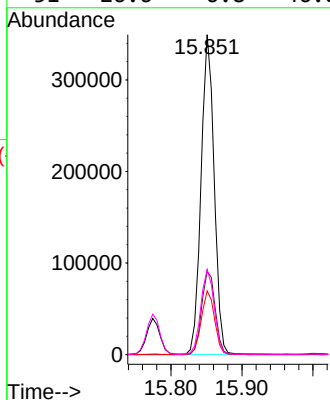
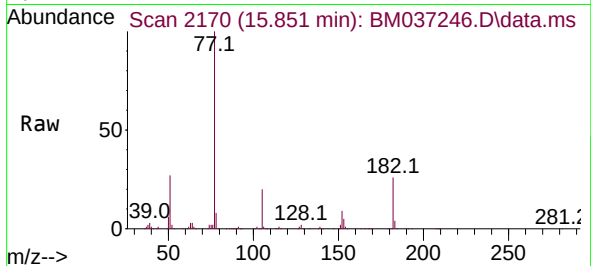




#63
Azobenzene
Concen: 54.125 ng
RT: 15.851 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

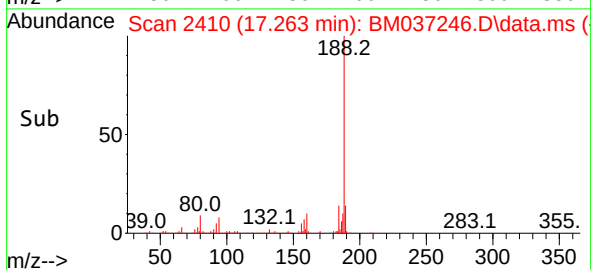
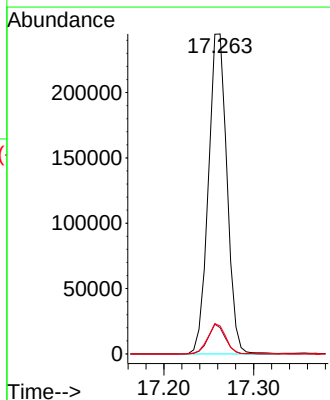
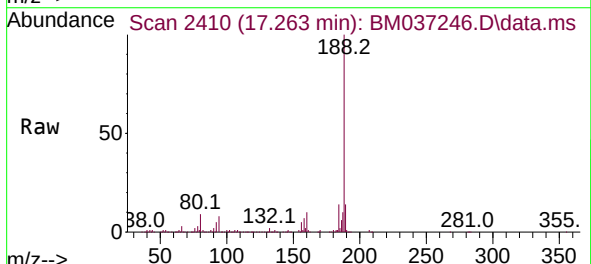
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

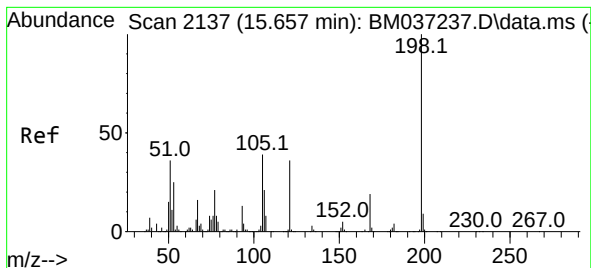
Tgt Ion: 77	Resp: 443553
Ion Ratio	Lower Upper
77 100	
182 26.0	7.9 47.9
105 19.9	0.8 40.8
51 26.6	6.8 46.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion: 188	Resp: 351897
Ion Ratio	Lower Upper
188 100	
94 8.2	6.3 9.5
80 8.7	7.1 10.7

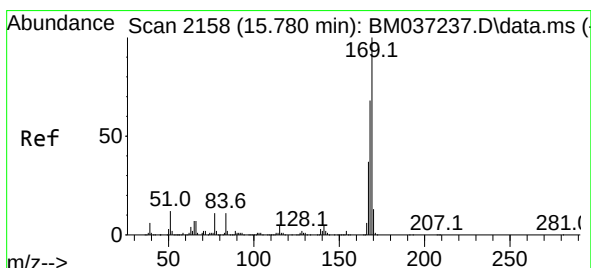
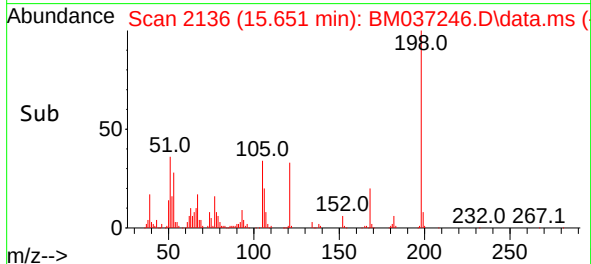
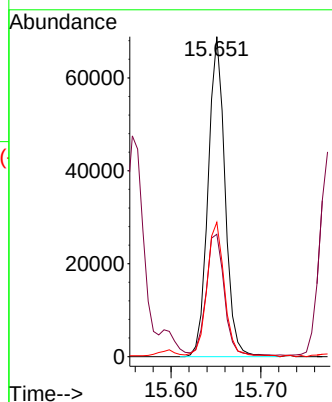
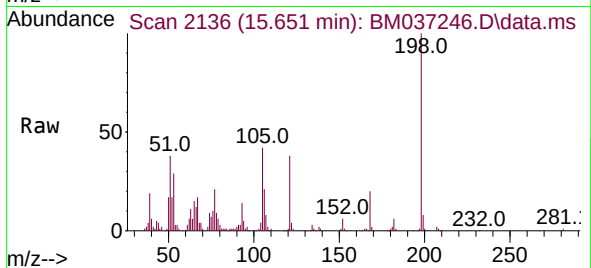




#65
4,6-Dinitro-2-methylphenol
Concen: 39.549 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

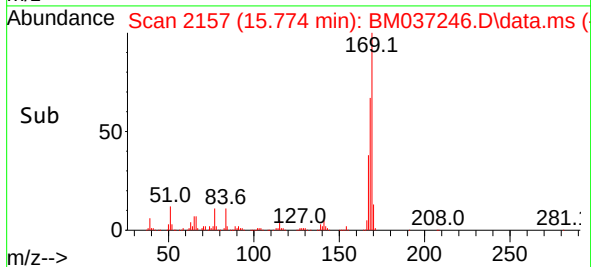
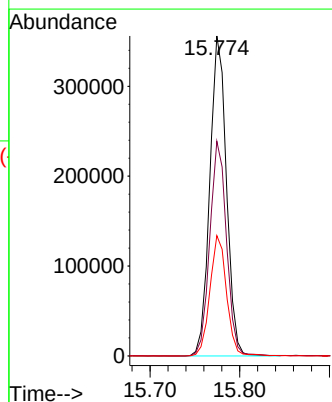
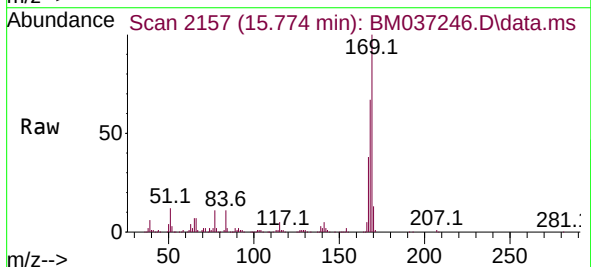
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

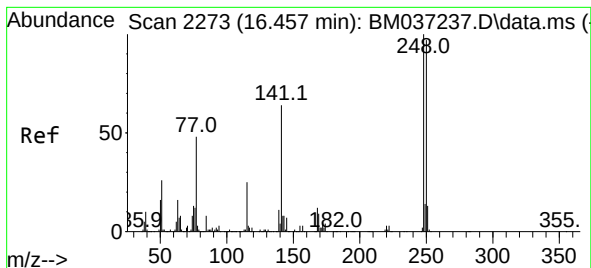
Tgt Ion:198 Resp: 90608
Ion Ratio Lower Upper
198 100
51 38.2 17.7 57.7
105 42.0 19.6 59.6



#66
n-Nitrosodiphenylamine
Concen: 44.281 ng
RT: 15.774 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:169 Resp: 460081
Ion Ratio Lower Upper
169 100
168 67.1 54.6 81.8
167 37.6 29.8 44.8

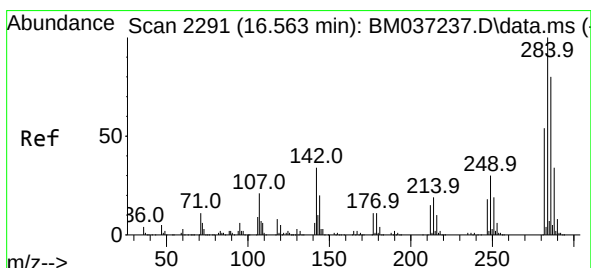
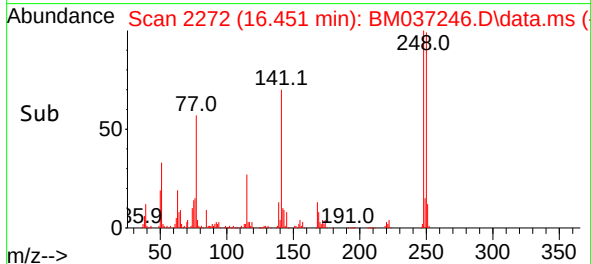
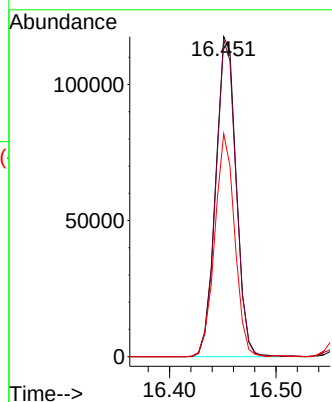
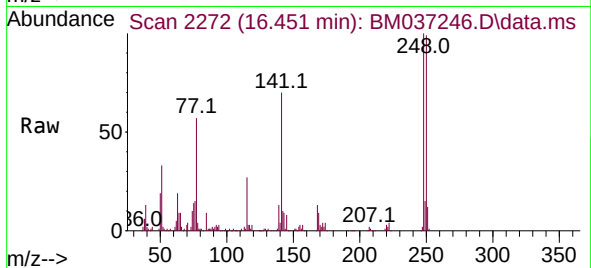




#67
4-Bromophenyl-phenylether
Concen: 41.783 ng
RT: 16.451 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

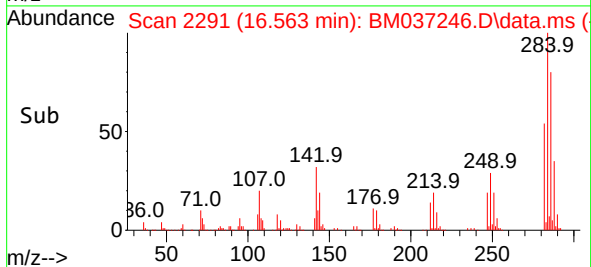
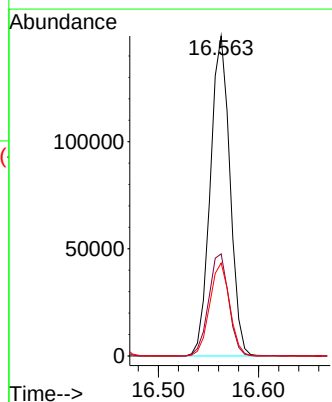
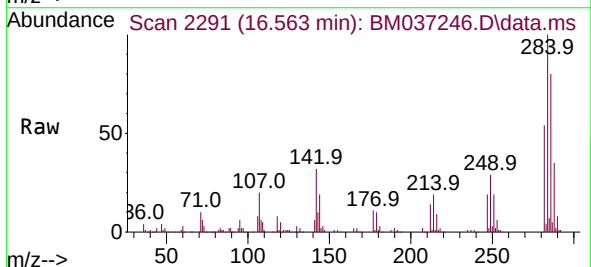
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

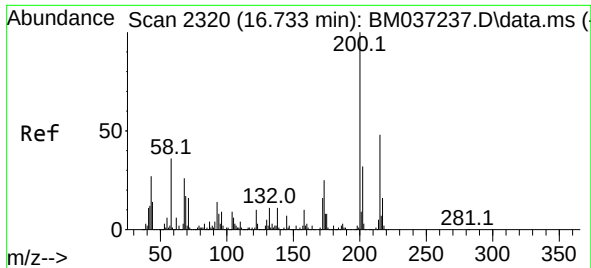
Tgt Ion:248 Resp: 157661
Ion Ratio Lower Upper
248 100
250 99.0 77.6 116.4
141 69.6 51.4 77.0



#68
Hexachlorobenzene
Concen: 44.436 ng
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:284 Resp: 202963
Ion Ratio Lower Upper
284 100
142 31.9 27.0 40.4
249 29.0 23.9 35.9

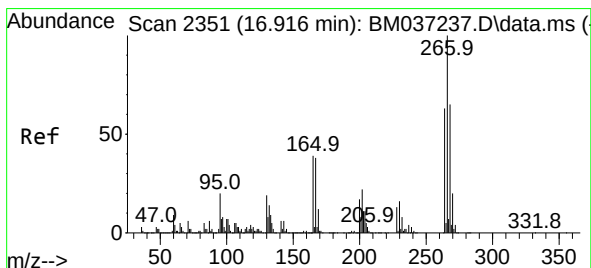
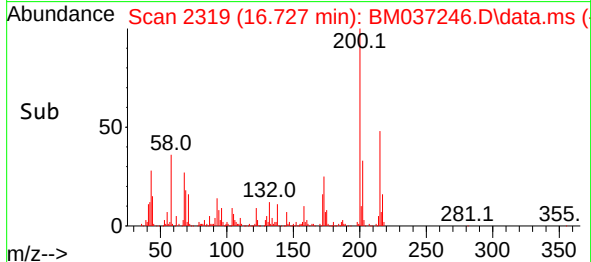
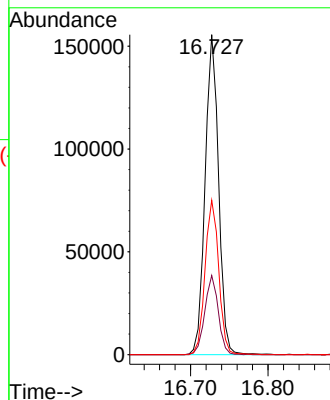
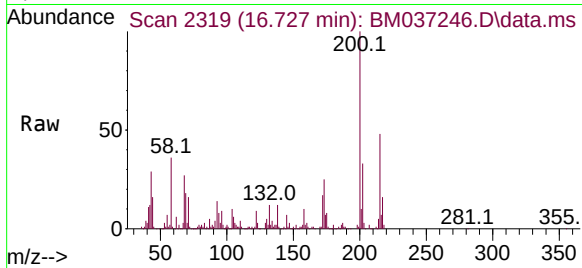




#69
 Atrazine
 Concen: 61.098 ng
 RT: 16.727 min Scan# 2319
 Delta R.T. -0.006 min
 Lab File: BM037246.D
 Acq: 26 Oct 2022 20:24

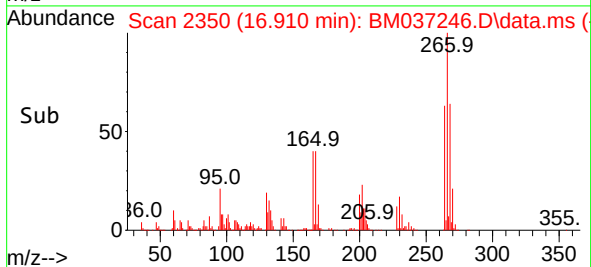
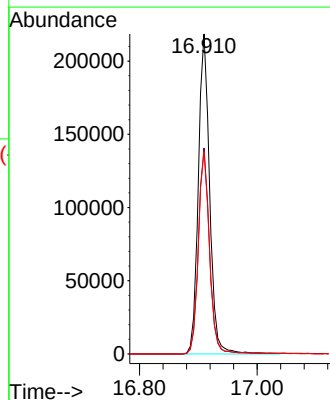
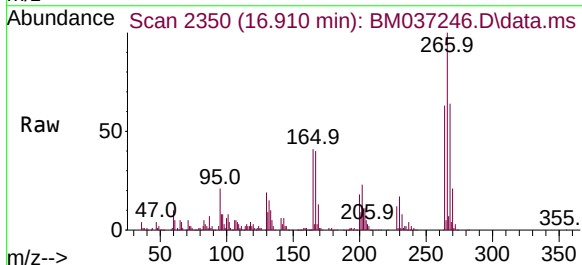
Instrument :
 BNA_M
 ClientSampleId :
 PB148383BSD

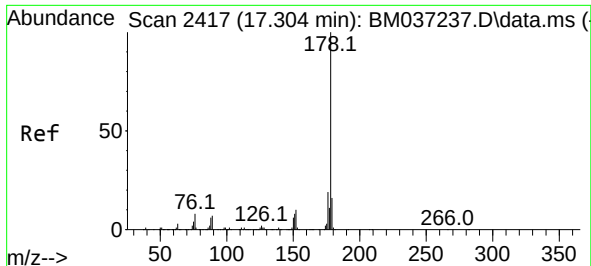
Tgt Ion:200 Resp: 187369
 Ion Ratio Lower Upper
 200 100
 173 24.7 4.6 44.6
 215 48.2 28.2 68.2



#70
 Pentachlorophenol
 Concen: 106.708 ng
 RT: 16.910 min Scan# 2350
 Delta R.T. -0.006 min
 Lab File: BM037246.D
 Acq: 26 Oct 2022 20:24

Tgt Ion:266 Resp: 291304
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.2 78.4
 264 63.3 50.1 75.1

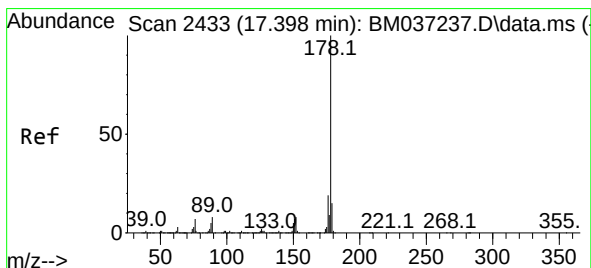
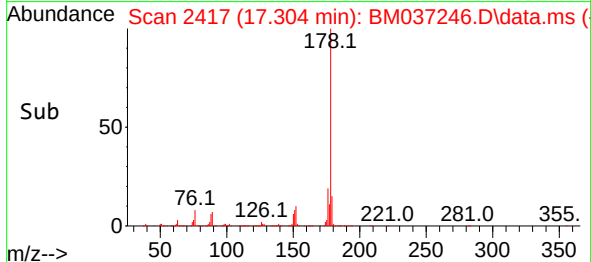
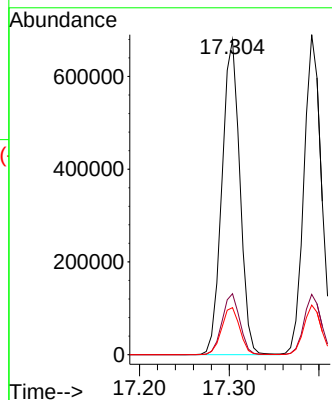
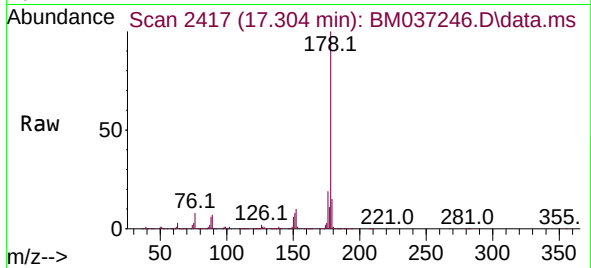




#71
Phenanthrene
Concen: 48.175 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

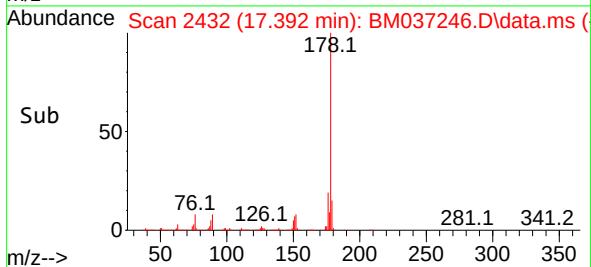
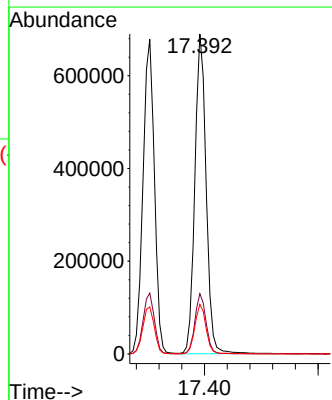
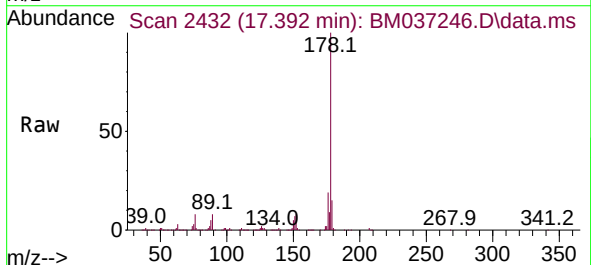
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

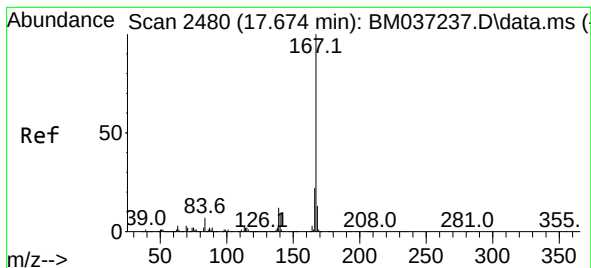
Tgt Ion:178 Resp: 944541
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 14.9 12.5 18.7



#72
Anthracene
Concen: 50.463 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:178 Resp: 944874
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.3 18.5





#73

Carbazole

Concen: 58.812 ng

RT: 17.668 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

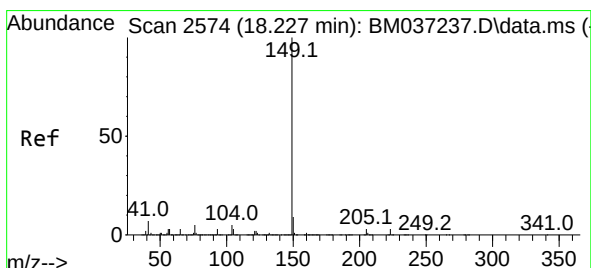
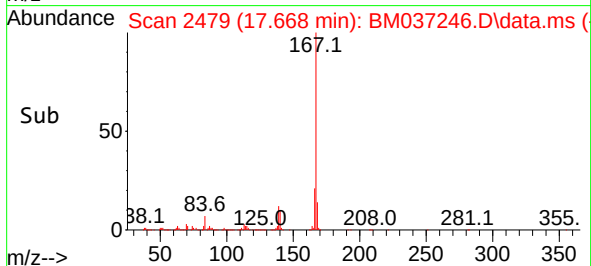
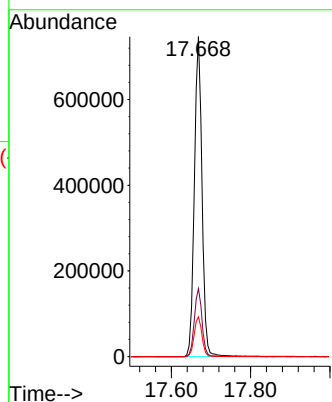
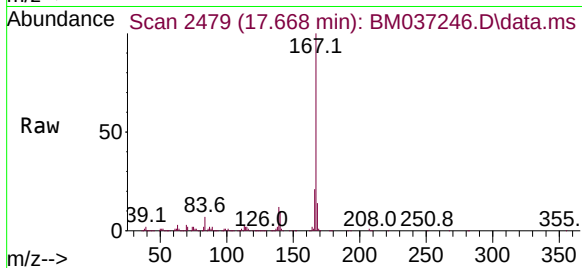
Tgt Ion:167 Resp: 1003307

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

139 12.4 9.9 14.9



#74

Di-n-butylphthalate

Concen: 49.183 ng

RT: 18.227 min Scan# 2574

Delta R.T. 0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

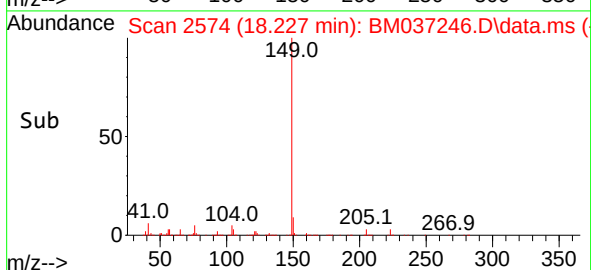
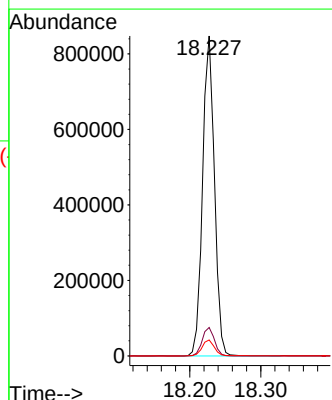
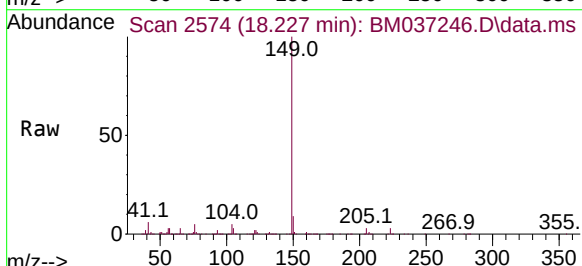
Tgt Ion:149 Resp: 975032

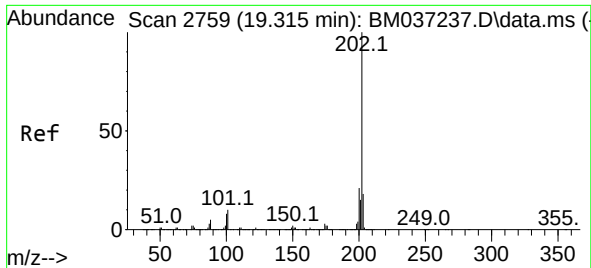
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

104 5.0 4.1 6.1

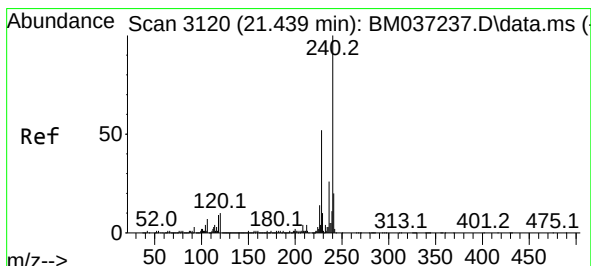
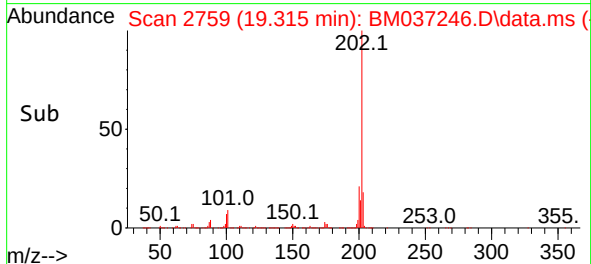
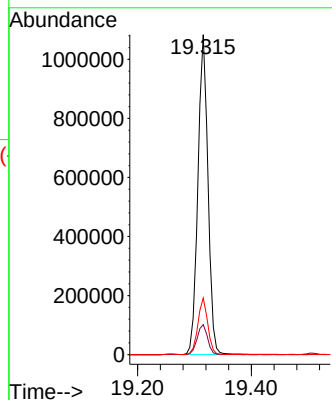
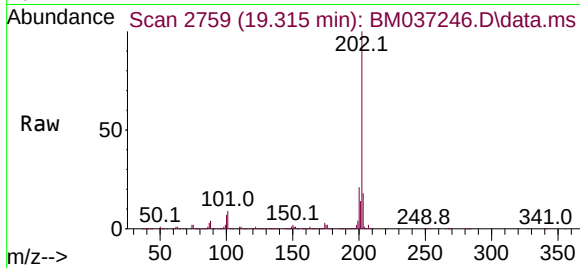




#75
Fluoranthene
Concen: 58.540 ng
RT: 19.315 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

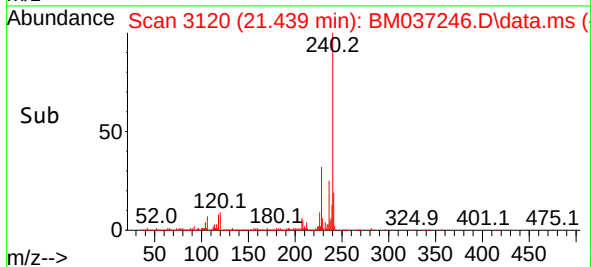
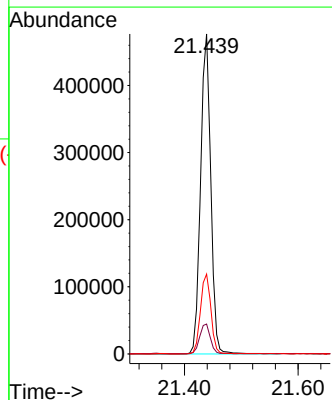
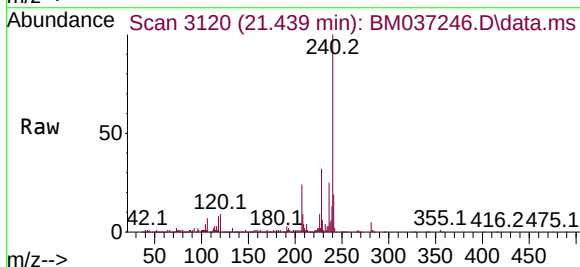
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

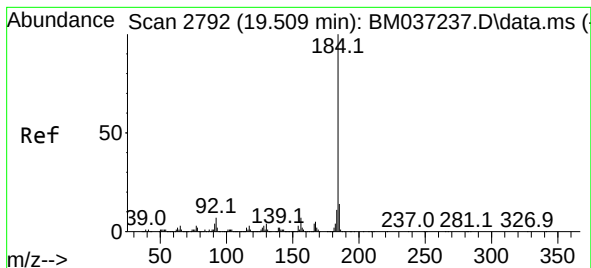
Tgt Ion:202 Resp: 1324916
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.8
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:240 Resp: 589627
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 24.9 21.0 31.4





#77

Benzidine

Concen: 112.374 ng

RT: 19.509 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

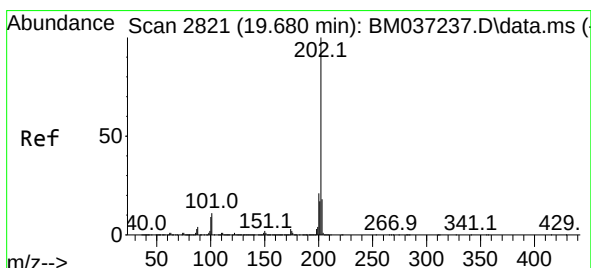
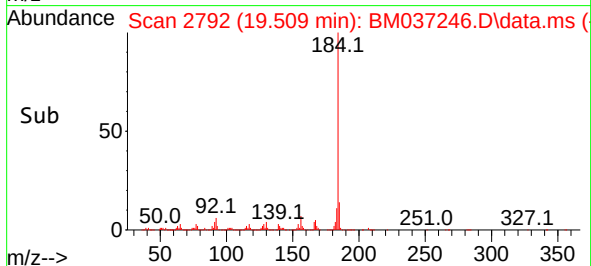
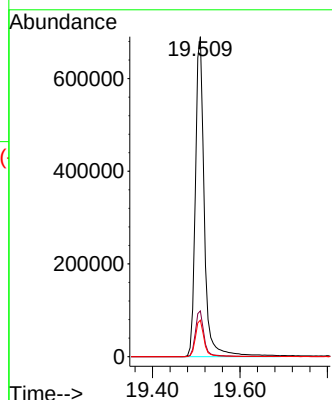
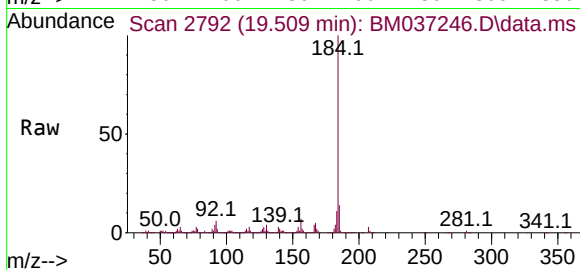
Tgt Ion:184 Resp: 981119

Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 11.4 9.0 13.6



#78

Pyrene

Concen: 37.571 ng

RT: 19.674 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

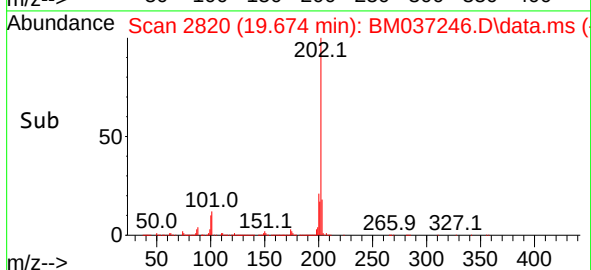
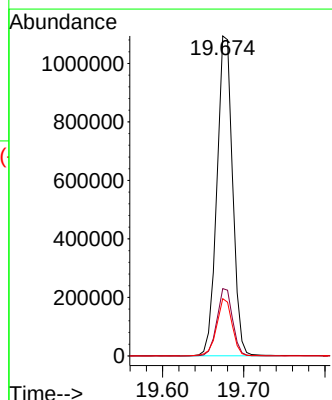
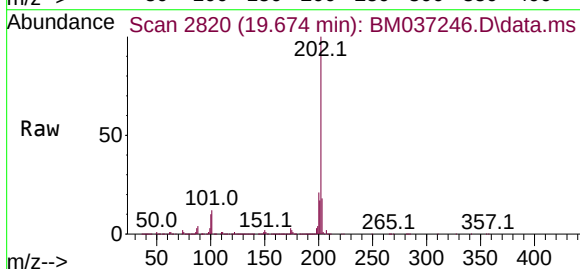
Tgt Ion:202 Resp: 1463024

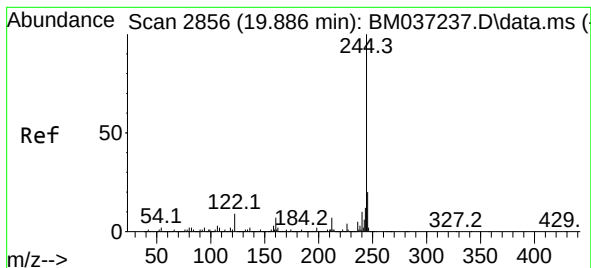
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 81.149 ng

RT: 19.880 min Scan# 2856

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

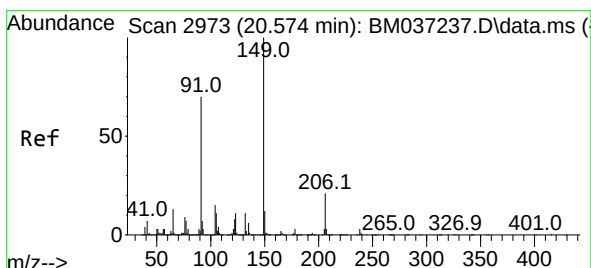
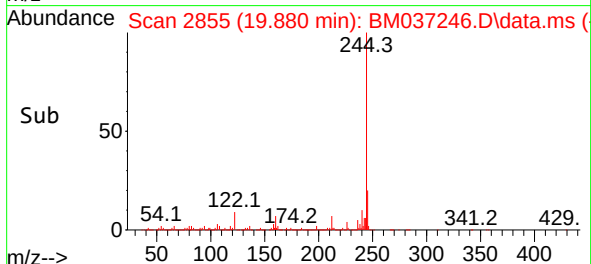
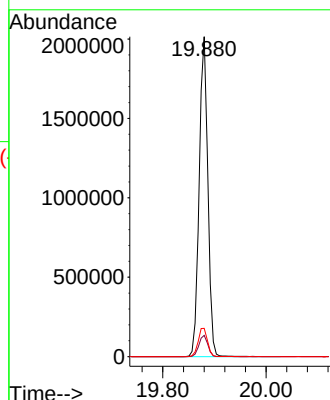
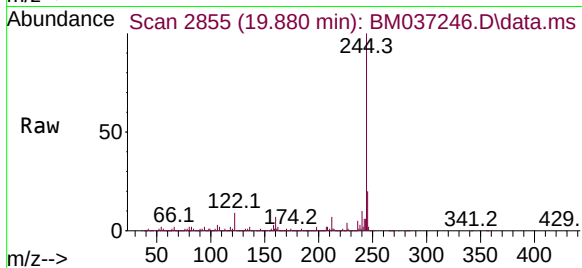
Tgt Ion:244 Resp: 2338934

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 8.8 7.3 10.9



#80

Butylbenzylphthalate

Concen: 40.296 ng

RT: 20.574 min Scan# 2973

Delta R.T. 0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

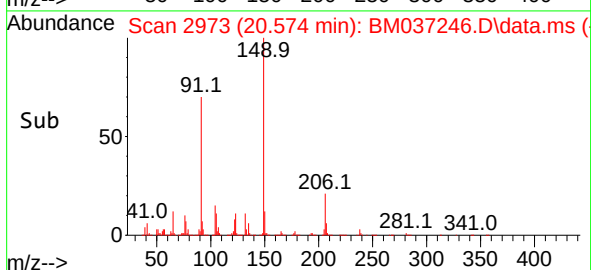
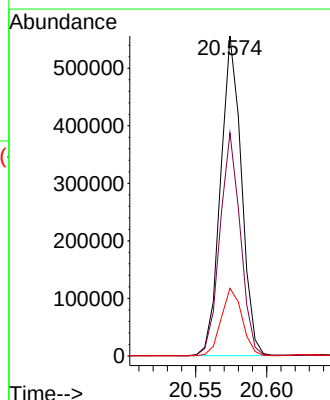
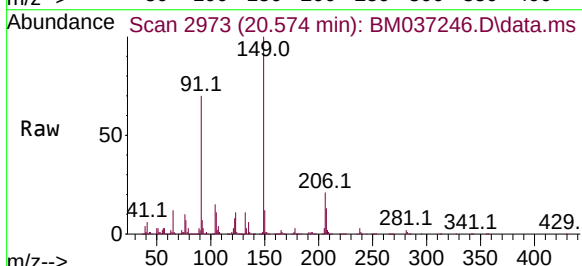
Tgt Ion:149 Resp: 565290

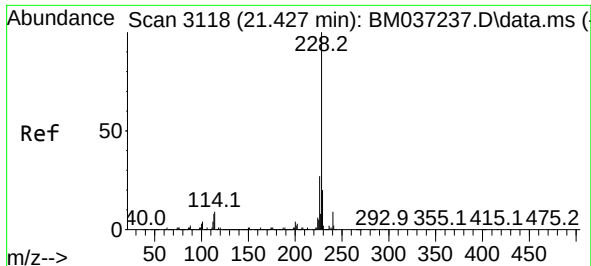
Ion Ratio Lower Upper

149 100

91 69.7 55.7 83.5

206 21.1 16.9 25.3

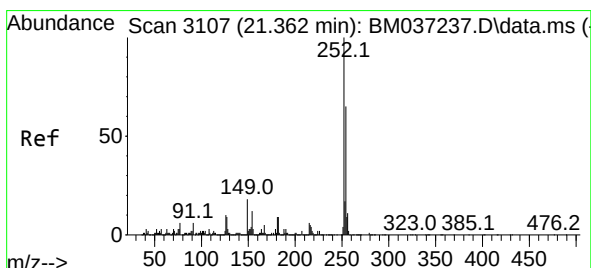
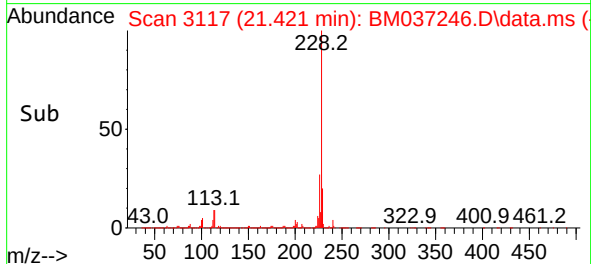
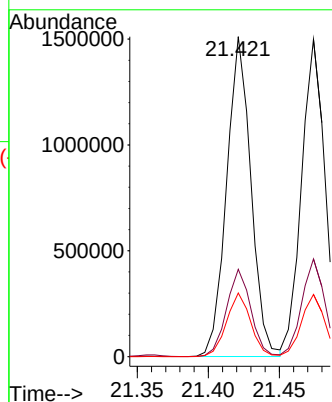
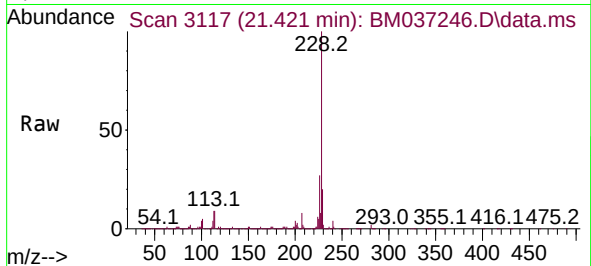




#81
Benzo(a)anthracene
Concen: 47.220 ng
RT: 21.421 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

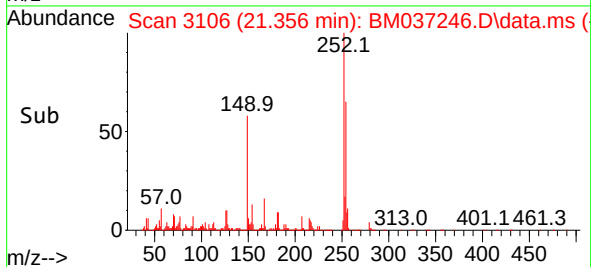
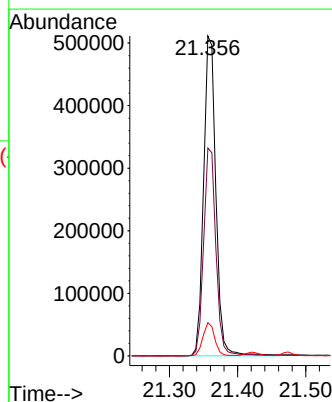
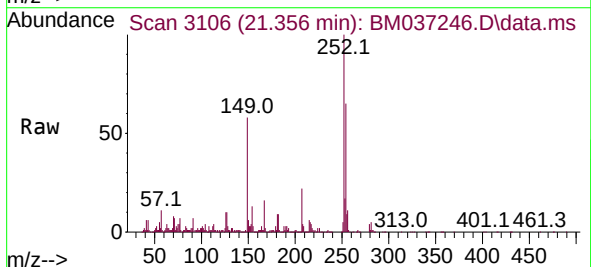
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

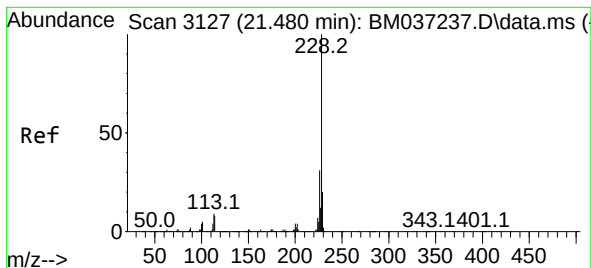
Tgt Ion:228 Resp: 1799548
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 57.110 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:252 Resp: 639591
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.6
126 10.4 7.8 11.8





#83

Chrysene

Concen: 47.610 ng

RT: 21.474 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

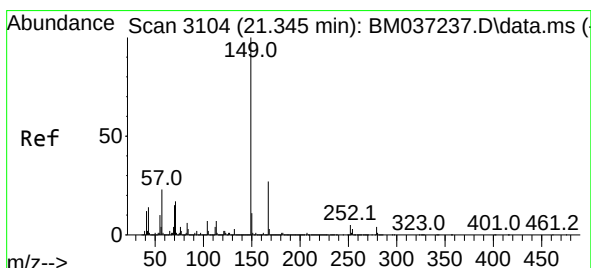
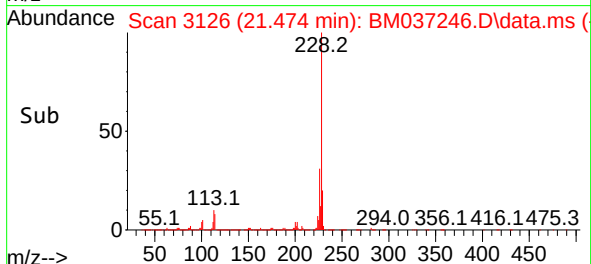
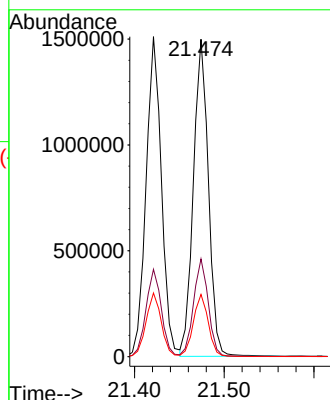
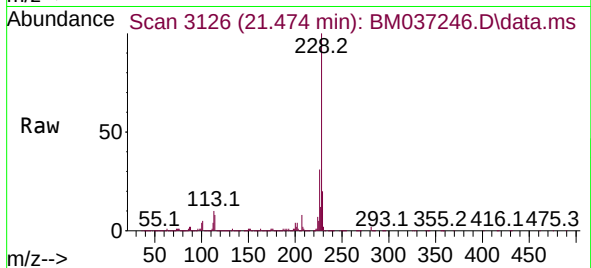
Tgt Ion:228 Resp: 1740978

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.754 ng

RT: 21.345 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

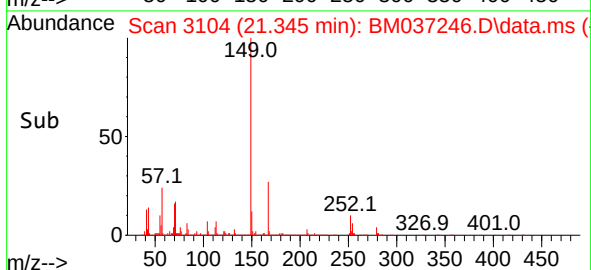
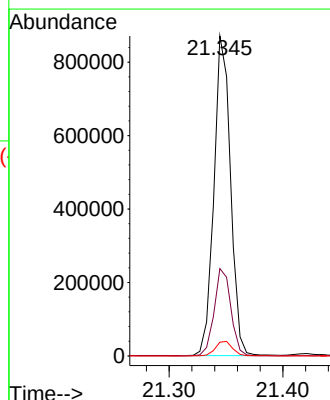
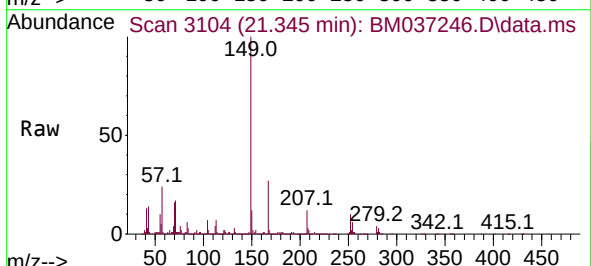
Tgt Ion:149 Resp: 883767

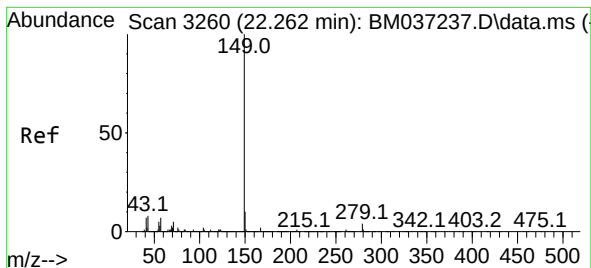
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 50.559 ng

RT: 22.262 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

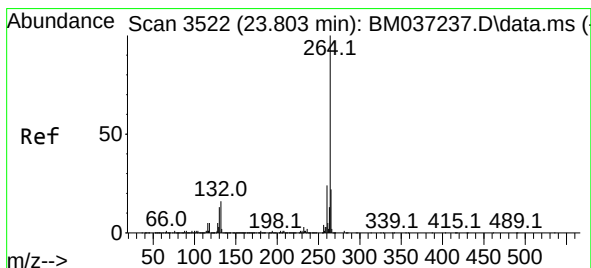
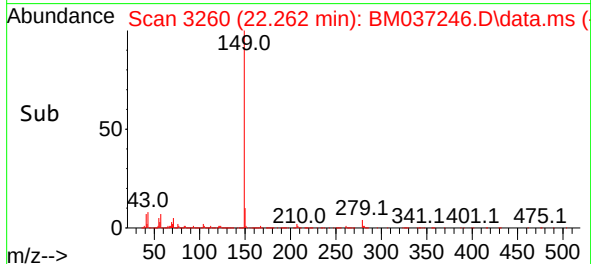
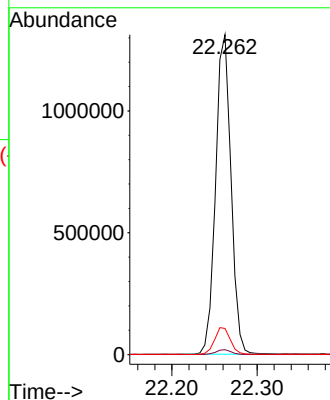
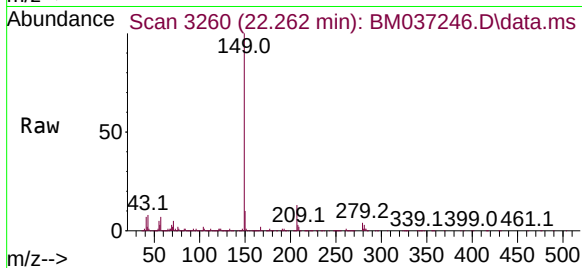
Tgt Ion:149 Resp: 1644654

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.803 min Scan# 3522

Delta R.T. 0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

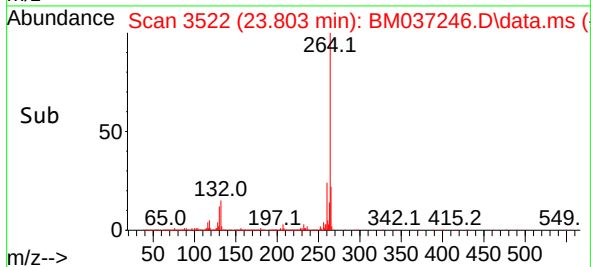
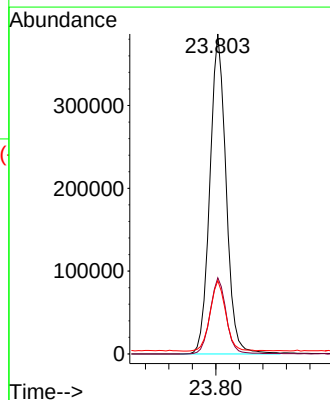
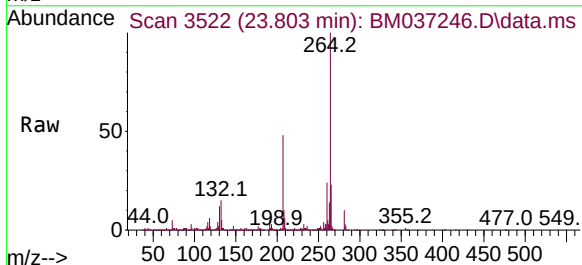
Tgt Ion:264 Resp: 739570

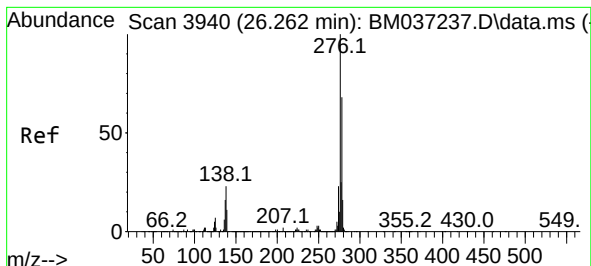
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 22.9 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 64.384 ng

RT: 26.268 min Scan# 3940

Delta R.T. 0.006 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

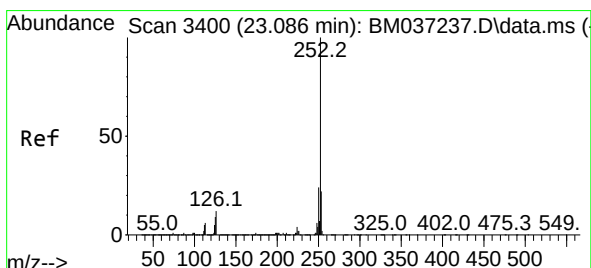
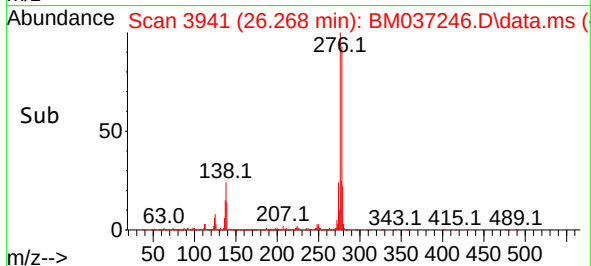
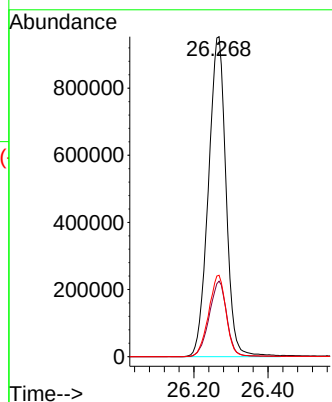
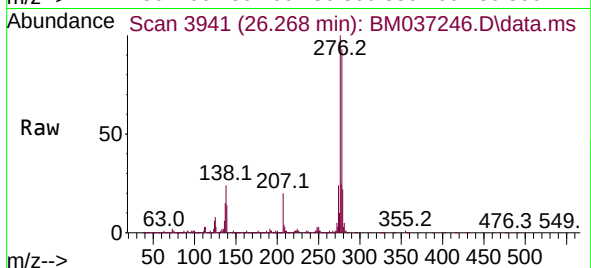
Tgt Ion:276 Resp: 3139252

Ion Ratio Lower Upper

276 100

138 23.5 18.6 28.0

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 48.884 ng

RT: 23.086 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

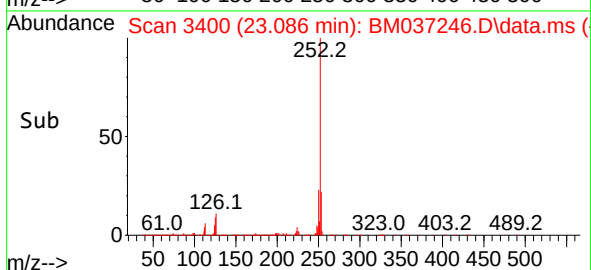
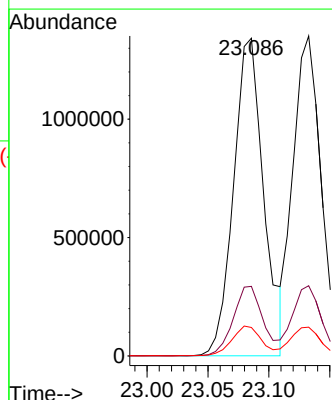
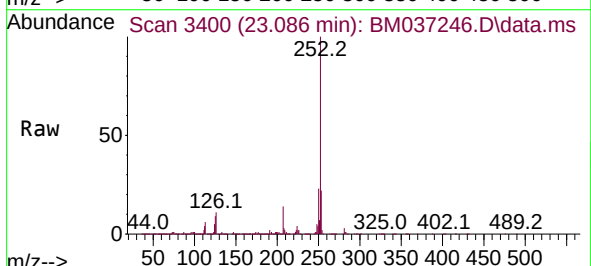
Tgt Ion:252 Resp: 2310502

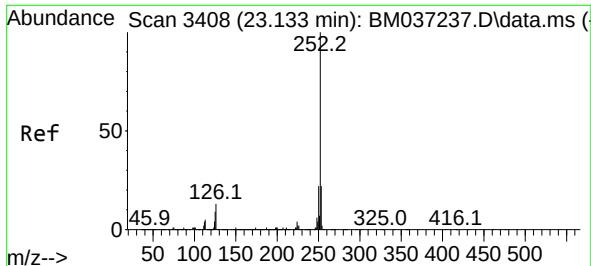
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.9 7.3 10.9

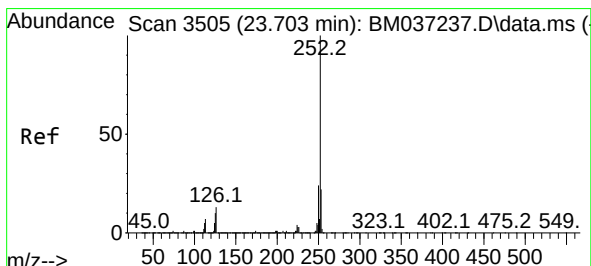
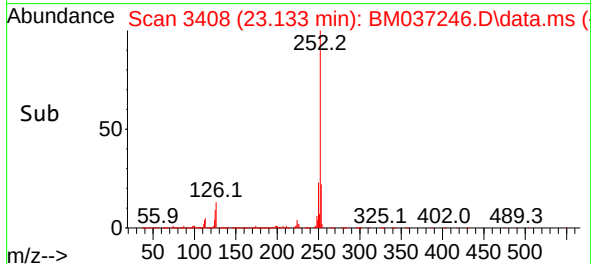
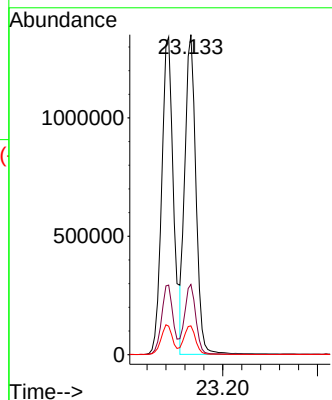
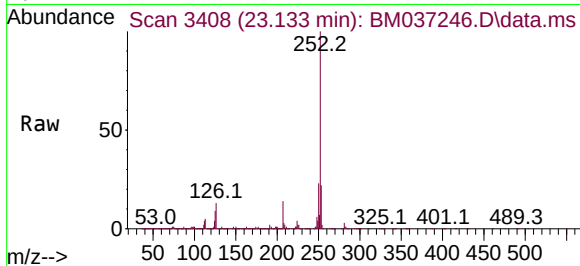




#89
Benzo(k)fluoranthene
Concen: 45.001 ng
RT: 23.133 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

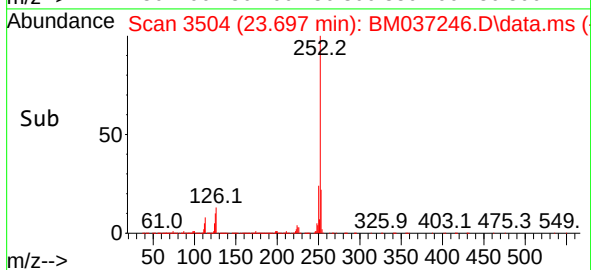
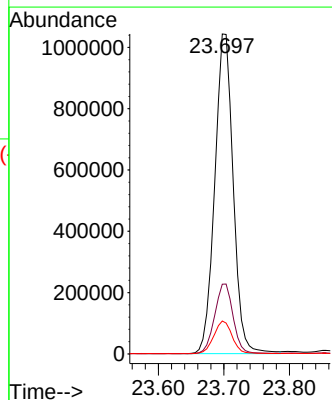
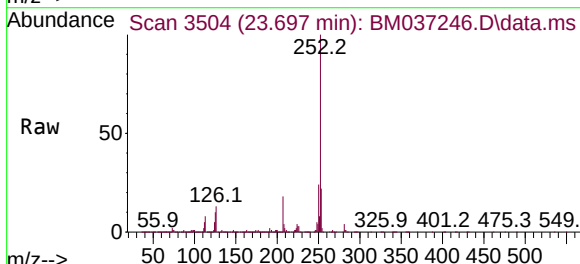
Instrument :
BNA_M
ClientSampleId :
PB148383BSD

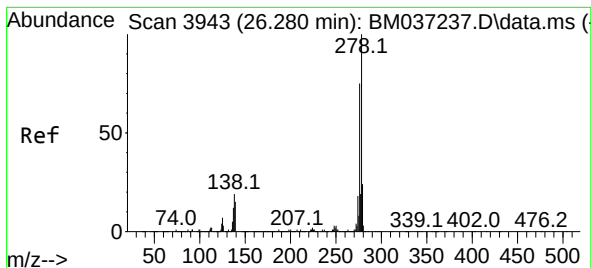
Tgt Ion:252 Resp: 2193328
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 53.632 ng
RT: 23.697 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM037246.D
Acq: 26 Oct 2022 20:24

Tgt Ion:252 Resp: 2046159
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.3 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 68.087 ng

RT: 26.280 min Scan# 3943

Delta R.T. 0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Instrument :

BNA_M

ClientSampleId :

PB148383BSD

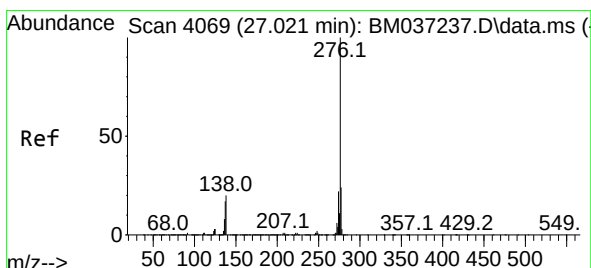
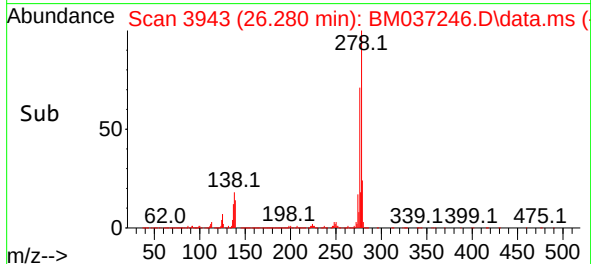
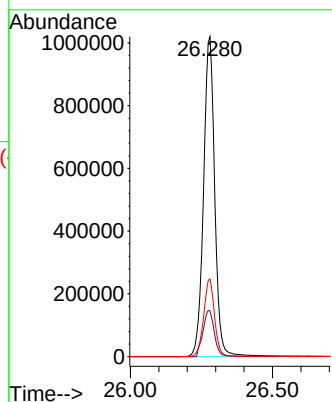
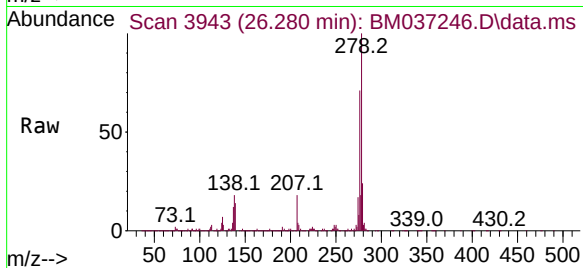
Tgt Ion:278 Resp: 2794215

Ion Ratio Lower Upper

278 100

139 14.3 11.8 17.6

279 24.3 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 72.018 ng

RT: 27.021 min Scan# 4069

Delta R.T. -0.000 min

Lab File: BM037246.D

Acq: 26 Oct 2022 20:24

Tgt Ion:276 Resp: 2781488

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 19.7 16.2 24.4

