

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033407.D
 Acq On : 10 Dec 2021 22:50
 Operator : CG/JU
 Sample : M4927-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PH1-BOT-6MS

Quant Time: Dec 11 02:15:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 07:11:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	82004	20.000	ng	-0.01
21) Naphthalene-d8	10.701	136	336379	20.000	ng	0.00
39) Acenaphthene-d10	14.530	164	189270	20.000	ng	0.00
64) Phenanthrene-d10	17.271	188	358529	20.000	ng	0.00
76) Chrysene-d12	21.430	240	339684	20.000	ng	#-0.01
86) Perylene-d12	23.747	264	320837	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	240459	48.105	ng	0.00
7) Phenol-d6	7.078	99	608397	87.291	ng	-0.01
23) Nitrobenzene-d5	9.066	82	607878	76.731	ng	-0.01
42) 2,4,6-Tribromophenol	16.018	330	213550	105.474	ng	0.00
45) 2-Fluorobiphenyl	13.154	172	1163533	85.035	ng	0.00
79) Terphenyl-d14	19.877	244	1417836	77.331	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.396	88	24574	11.031	ng	# 86
3) Pyridine	3.801	79	65873	11.646	ng	86
4) n-Nitrosodimethylamine	3.713	42	34936	10.598	ng	# 50
6) Aniline	7.237	93	209096	26.697	ng	94
8) 2-Chlorophenol	7.472	128	203347	38.571	ng	92
9) Benzaldehyde	7.048	77	132666	31.317	ng	96
10) Phenol	7.107	94	278597	40.043	ng	89
11) bis(2-Chloroethyl)ether	7.331	93	238446	43.667	ng	93
12) 1,3-Dichlorobenzene	7.789	146	298921	48.244	ng	97
13) 1,4-Dichlorobenzene	7.936	146	309269	49.122	ng	96
14) 1,2-Dichlorobenzene	8.254	146	305453	49.591	ng	98
15) Benzyl Alcohol	8.148	79	207099	35.916	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.425	45	425256	44.086	ng	97
17) 2-Methylphenol	8.348	107	207570	43.817	ng	93
18) Hexachloroethane	8.978	117	138354	55.962	ng	98
19) n-Nitroso-di-n-propyla...	8.713	70	207242	41.546	ng	96
20) 3+4-Methylphenols	8.678	107	275058	42.787	ng	94
22) Acetophenone	8.731	105	435837	47.889	ng	# 95
24) Nitrobenzene	9.107	77	357237	47.116	ng	98
25) Isophorone	9.636	82	570385	47.408	ng	98
26) 2-Nitrophenol	9.819	139	110919	39.803	ng	# 86
27) 2,4-Dimethylphenol	9.878	122	202618	45.651	ng	94
28) bis(2-Chloroethoxy)met...	10.113	93	359657	47.331	ng	98
29) 2,4-Dichlorophenol	10.348	162	222875	43.408	ng	99
30) 1,2,4-Trichlorobenzene	10.560	180	280082	46.297	ng	99
31) Naphthalene	10.748	128	898114	49.958	ng	99
32) Benzoic acid	10.030	122	109238	33.986	ng	87
33) 4-Chloroaniline	10.866	127	149519	21.450	ng	94
34) Hexachlorobutadiene	11.025	225	169387	44.329	ng	98
35) Caprolactam	11.672	113	60633	60.602	ng	91
36) 4-Chloro-3-methylphenol	11.989	107	251820	40.831	ng	95
37) 2-Methylnaphthalene	12.354	142	609351	49.585	ng	98
38) 1-Methylnaphthalene	12.571	142	564266	46.564	ng	100
40) 1,2,4,5-Tetrachloroben...	12.719	216	282781	50.565	ng	98
41) Hexachlorocyclopentadiene	12.695	237	341328	114.555	ng	99
43) 2,4,6-Trichlorophenol	12.966	196	164994	44.564	ng	97

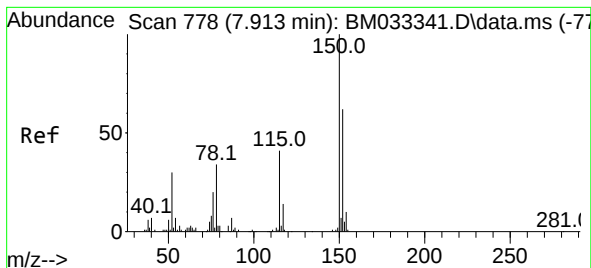
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.036	196	181556	45.743	ng	97
46) 1,1'-Biphenyl	13.366	154	738819	51.250	ng	99
47) 2-Chloronaphthalene	13.407	162	567506	51.322	ng	99
48) 2-Nitroaniline	13.618	65	131663	33.584	ng	94
49) Acenaphthylene	14.254	152	901447	51.824	ng	99
50) Dimethylphthalate	13.989	163	648079	47.130	ng	98
51) 2,6-Dinitrotoluene	14.113	165	125401	44.699	ng	97
52) Acenaphthene	14.595	154	536901	50.908	ng	98
53) 3-Nitroaniline	14.448	138	96794	33.114	ng	97
54) 2,4-Dinitrophenol	14.648	184	102211	65.827	ng	94
55) Dibenzofuran	14.930	168	848910	48.426	ng	97
56) 4-Nitrophenol	14.760	139	214111	97.050	ng	89
57) 2,4-Dinitrotoluene	14.895	165	174527	47.186	ng	98
58) Fluorene	15.577	166	687013	49.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.154	232	146445	42.630	ng	99
60) Diethylphthalate	15.348	149	650371	46.920	ng	100
61) 4-Chlorophenyl-phenyle...	15.565	204	320353	45.560	ng	99
62) 4-Nitroaniline	15.607	138	108240	35.254	ng	89
63) Azobenzene	15.860	77	761724	47.572	ng	96
65) 4,6-Dinitro-2-methylph...	15.654	198	66520	32.835	ng	96
66) n-Nitrosodiphenylamine	15.783	169	553409	50.966	ng	99
67) 4-Bromophenyl-phenylether	16.459	248	183608	48.743	ng	98
68) Hexachlorobenzene	16.571	284	198674	48.668	ng	96
69) Atrazine	16.736	200	154927	69.747	ng	98
70) Pentachlorophenol	16.918	266	217459	96.943	ng	98
71) Phenanthrene	17.312	178	1009674	50.301	ng	99
72) Anthracene	17.401	178	1003399	51.165	ng	99
73) Carbazole	17.671	167	910885	48.207	ng	99
74) Di-n-butylphthalate	18.224	149	1037376	50.187	ng	99
75) Fluoranthene	19.318	202	1105876	49.565	ng	99
77) Benzidine	19.506	184	38750	8.463	ng	# 94
78) Pyrene	19.677	202	1150550	48.363	ng	99
80) Butylbenzylphthalate	20.565	149	291067	31.026	ng	92
81) Benzo(a)anthracene	21.418	228	1035625	46.424	ng	99
82) 3,3'-Dichlorobenzidine	21.353	252	215508	21.328	ng	100
83) Chrysene	21.465	228	1027151	47.649	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	519407	39.554	ng	100
85) Di-n-octyl phthalate	22.236	149	961263	43.897	ng	99
87) Indeno(1,2,3-cd)pyrene	26.124	276	1108703	50.383	ng	97
88) Benzo(b)fluoranthene	23.047	252	1052340	52.093	ng	98
89) Benzo(k)fluoranthene	23.094	252	1016451	50.937	ng	98
90) Benzo(a)pyrene	23.647	252	986647	59.151	ng	98
91) Dibenzo(a,h)anthracene	26.141	278	951527	51.246	ng	97
92) Benzo(g,h,i)perylene	26.853	276	933790	51.422	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.901 min Scan# 71

Delta R.T. -0.012 min

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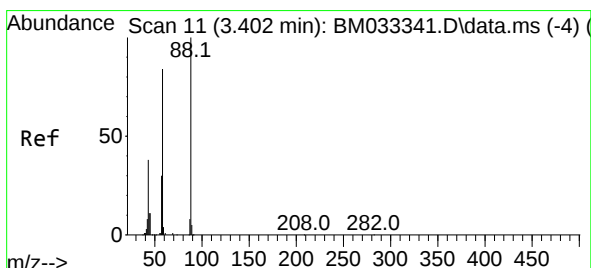
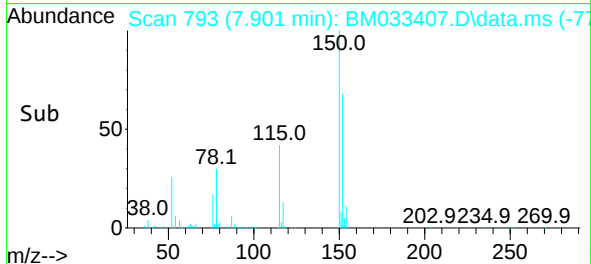
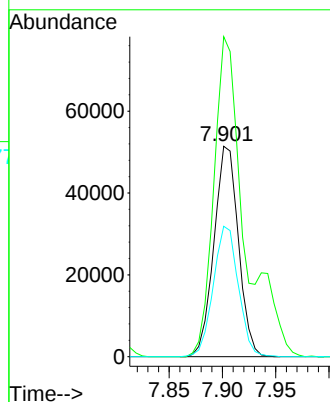
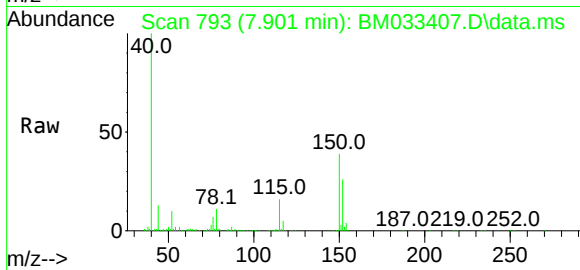
Tgt Ion:152 Resp: 82004

Ion Ratio Lower Upper

152 100

150 152.1 128.9 193.3

115 62.0 53.0 79.6



#2

1,4-Dioxane

Concen: 11.031 ng

RT: 3.396 min Scan# 27

Delta R.T. -0.006 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

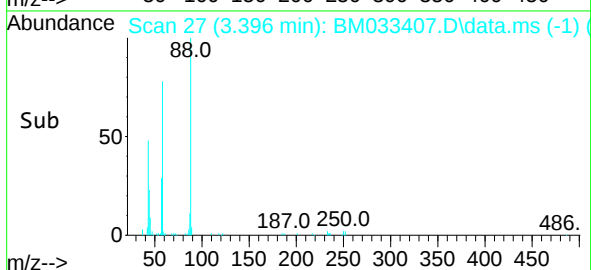
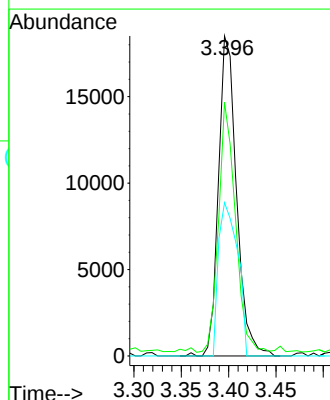
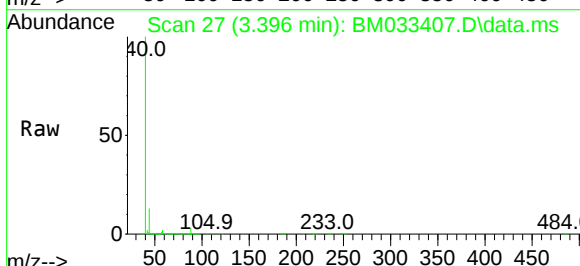
Tgt Ion: 88 Resp: 24574

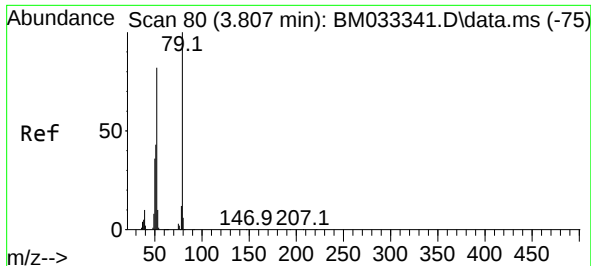
Ion Ratio Lower Upper

88 100

58 72.9 67.0 100.4

43 50.7 31.6 47.4#

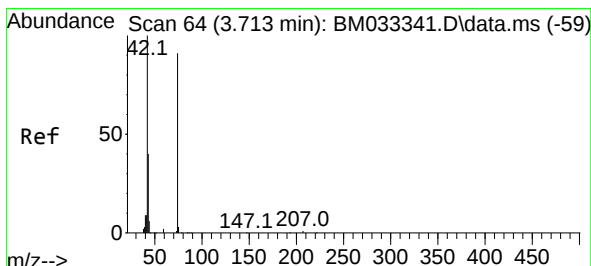
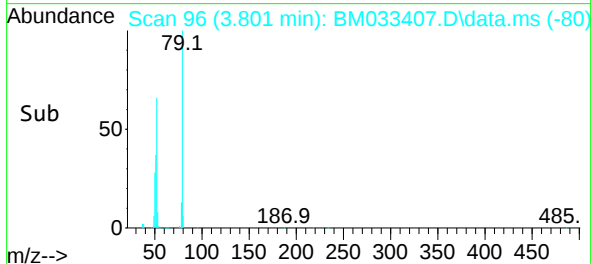
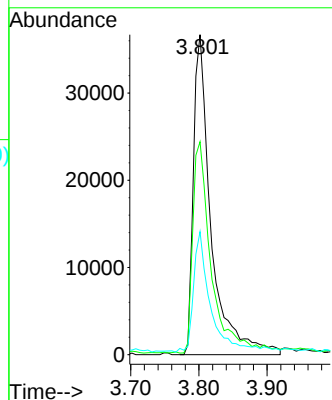
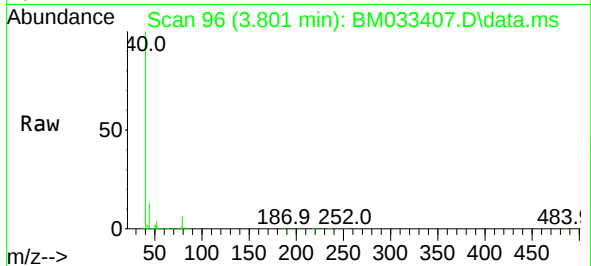




#3
 Pyridine
 Concen: 11.646 ng
 RT: 3.801 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BM033407.D
 Acq: 10 Dec 2021 22:50

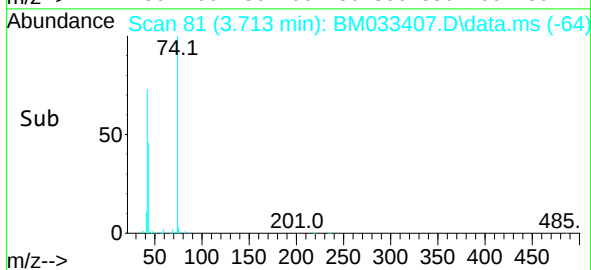
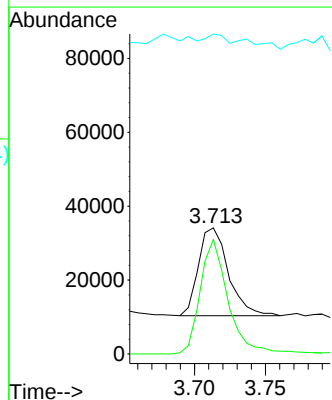
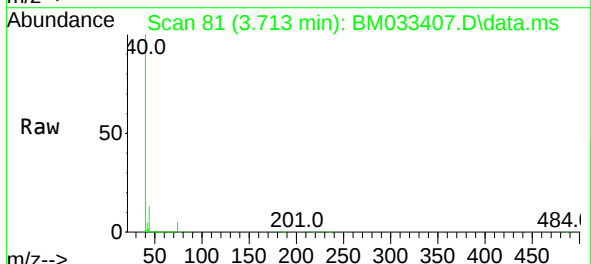
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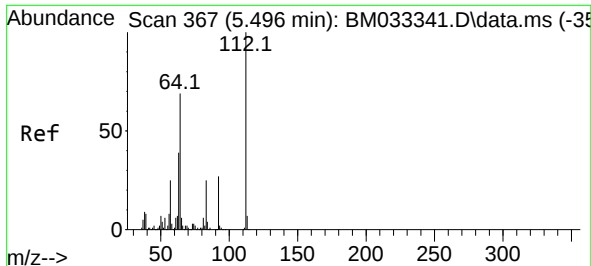
Tgt Ion: 79 Resp: 65873
 Ion Ratio Lower Upper
 79 100
 52 66.6 65.4 98.2
 51 38.4 34.8 52.2



#4
 n-Nitrosodimethylamine
 Concen: 10.598 ng
 RT: 3.713 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM033407.D
 Acq: 10 Dec 2021 22:50

Tgt Ion: 42 Resp: 34936
 Ion Ratio Lower Upper
 42 100
 74 90.8 72.5 108.7
 44 253.9 5.4 8.2

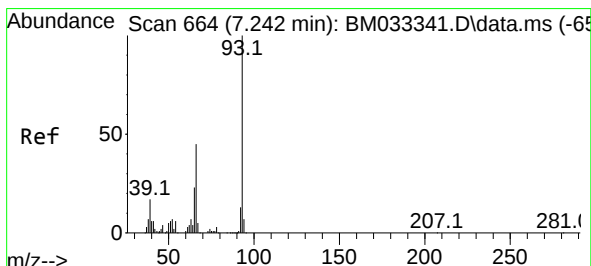
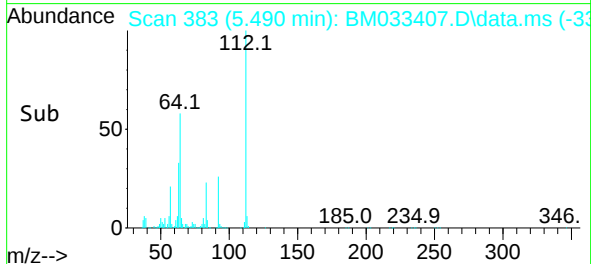
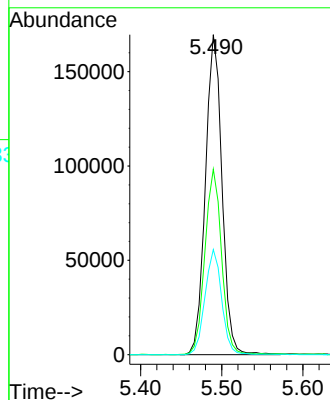
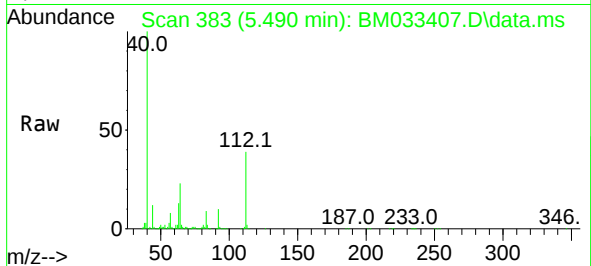




#5
2-Fluorophenol
Concen: 48.105 ng
RT: 5.490 min Scan# 311
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

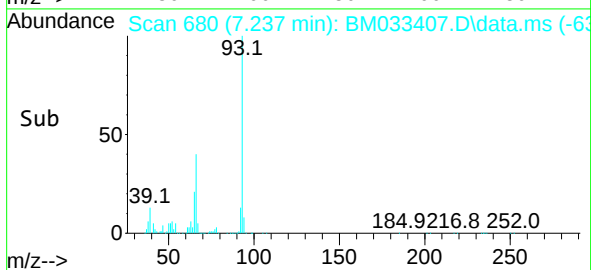
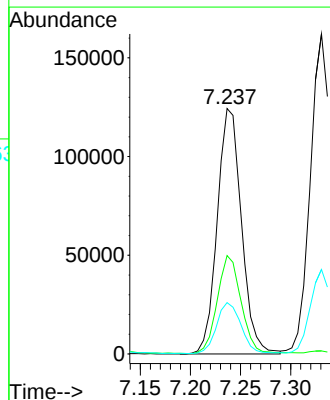
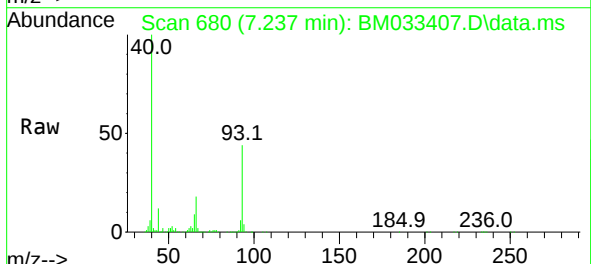
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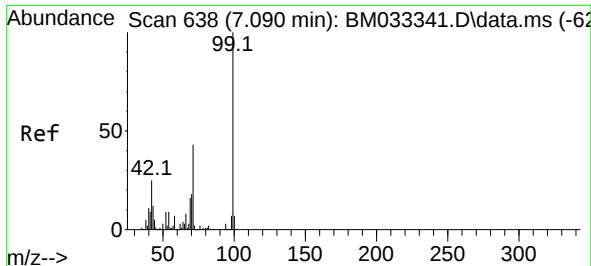
Tgt Ion:112 Resp: 240459
Ion Ratio Lower Upper
112 100
64 58.0 55.5 83.3
63 32.9 31.3 46.9



#6
Aniline
Concen: 26.697 ng
RT: 7.237 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion: 93 Resp: 209096
Ion Ratio Lower Upper
93 100
66 40.1 36.0 54.0
65 20.9 18.2 27.4

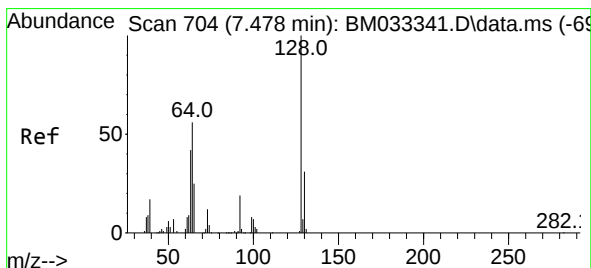
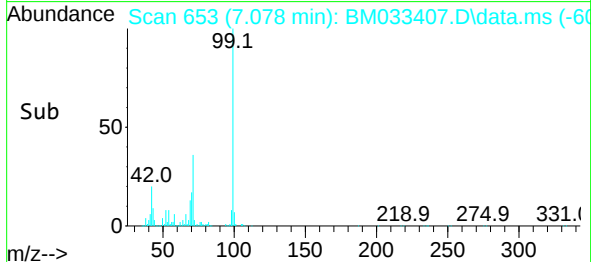
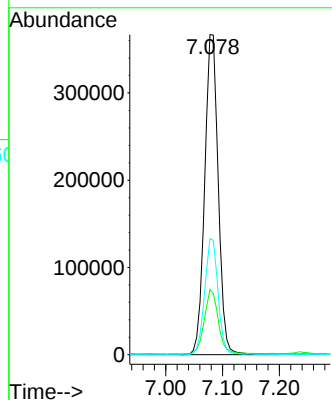
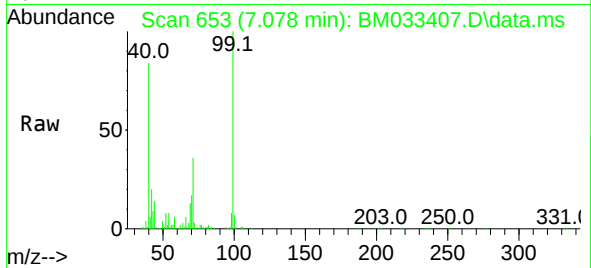




#7
Phenol-d6
Concen: 87.291 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

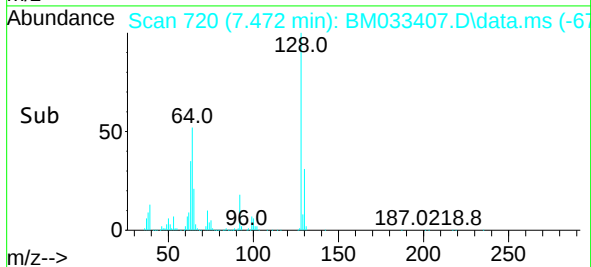
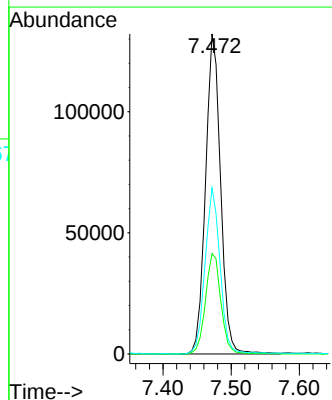
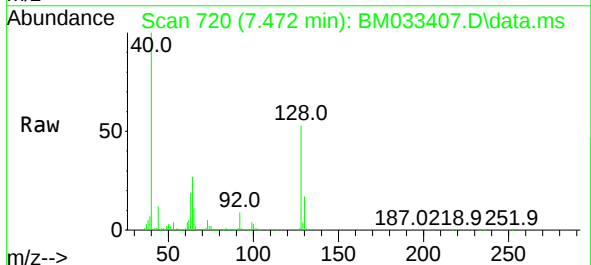
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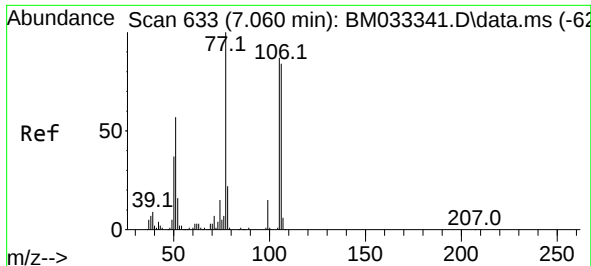
Tgt Ion: 99 Resp: 608397
Ion Ratio Lower Upper
99 100
42 20.3 20.3 30.5#
71 36.3 34.5 51.7



#8
2-Chlorophenol
Concen: 38.571 ng
RT: 7.472 min Scan# 720
Delta R.T. -0.006 min
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Tgt Ion: 128 Resp: 203347
Ion Ratio Lower Upper
128 100
130 31.4 10.9 50.9
64 51.9 40.6 80.6

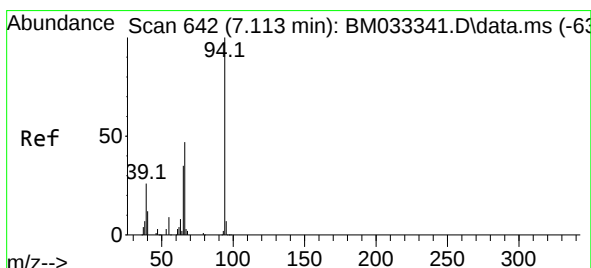
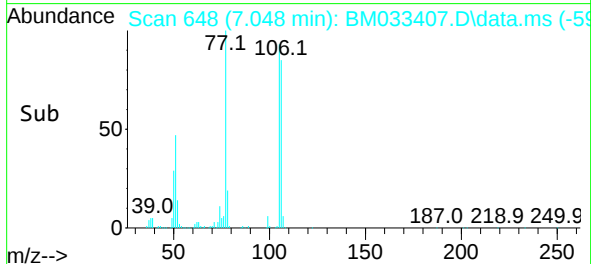
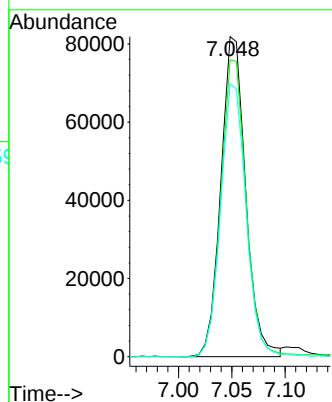
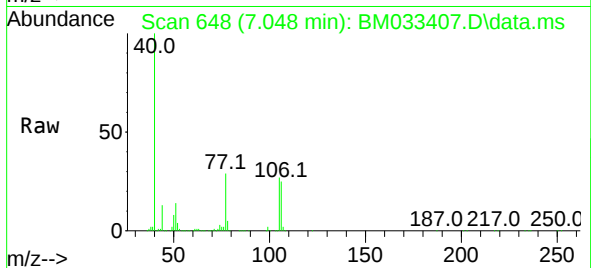




#9
Benzaldehyde
Concen: 31.317 ng
RT: 7.048 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

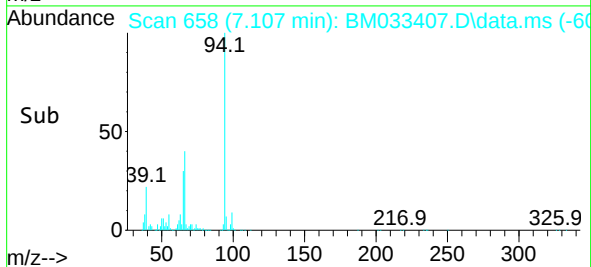
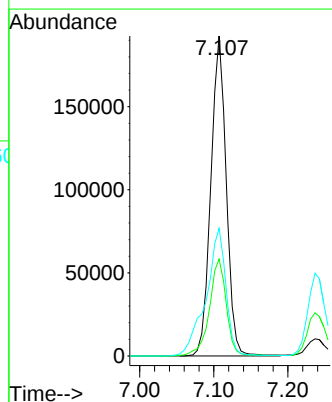
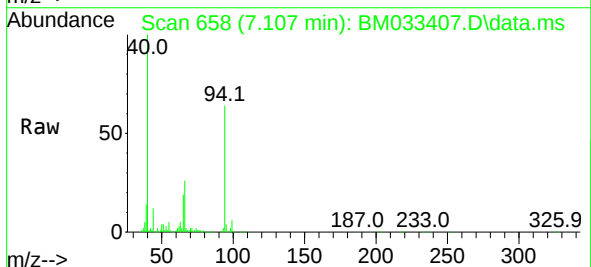
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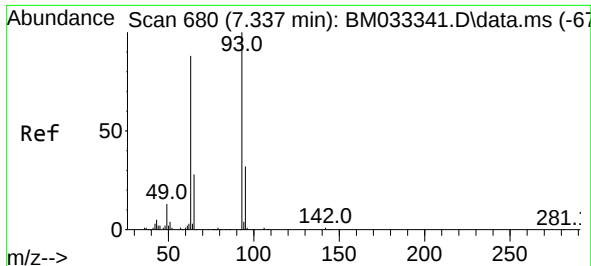
Tgt Ion: 77 Resp: 132666
Ion Ratio Lower Upper
77 100
105 92.8 67.1 107.1
106 85.3 64.3 104.3



#10
Phenol
Concen: 40.043 ng
RT: 7.107 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion: 94 Resp: 278597
Ion Ratio Lower Upper
94 100
65 30.3 15.5 55.5
66 39.9 28.5 68.5

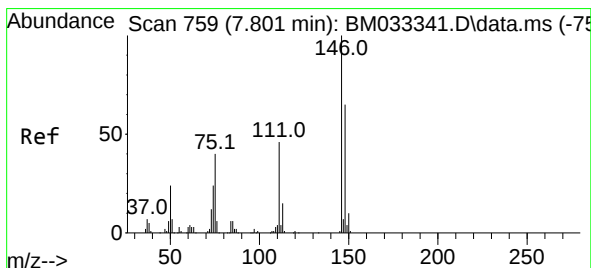
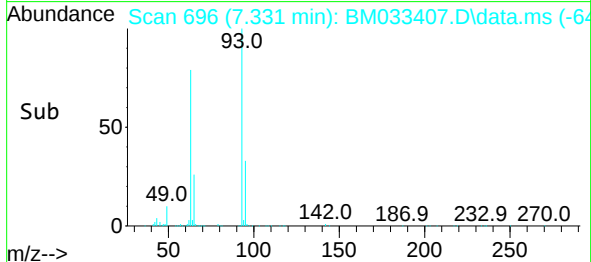
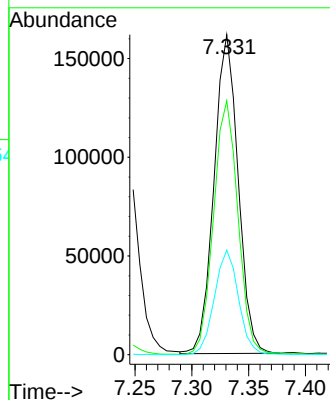
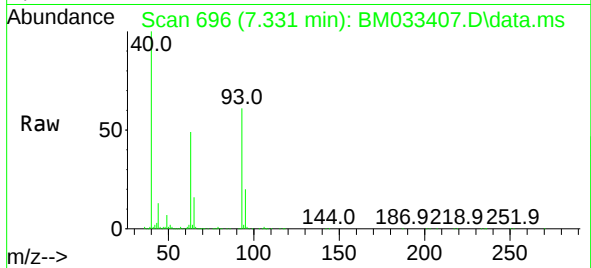




#11
bis(2-Chloroethyl)ether
Concen: 43.667 ng
RT: 7.331 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

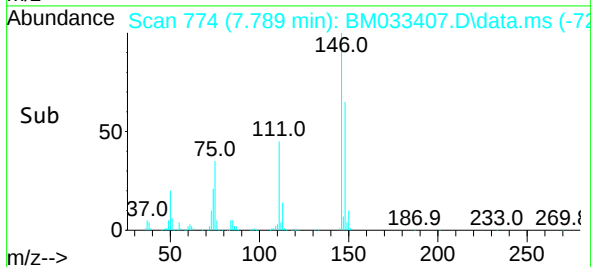
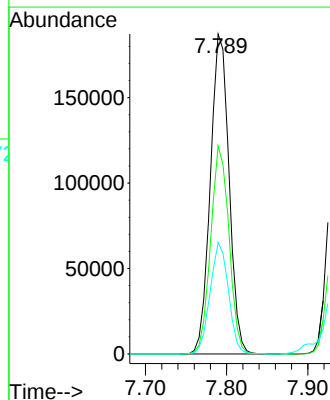
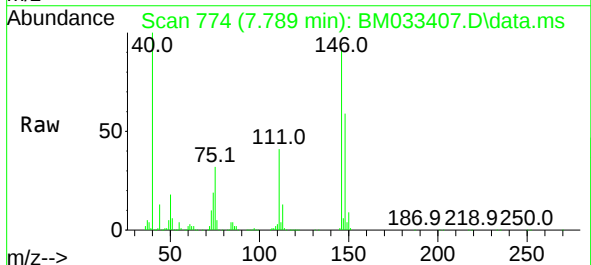
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

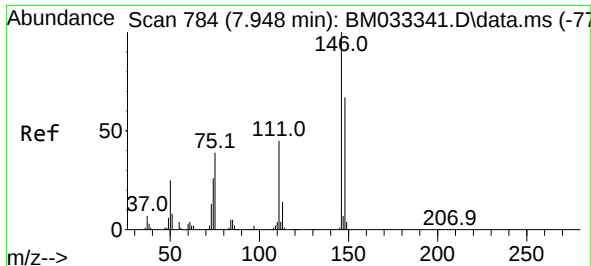
Tgt Ion: 93 Resp: 238446
Ion Ratio Lower Upper
93 100
63 79.4 67.0 107.0
95 32.7 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 48.244 ng
RT: 7.789 min Scan# 774
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:146 Resp: 298921
Ion Ratio Lower Upper
146 100
148 65.0 52.1 78.1
75 34.8 32.0 48.0

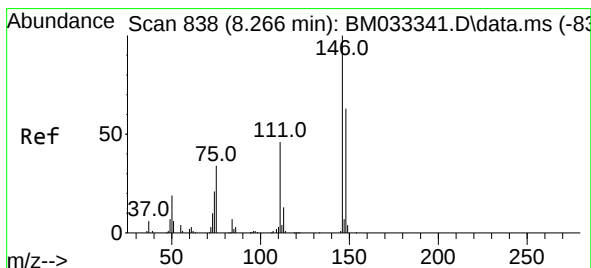
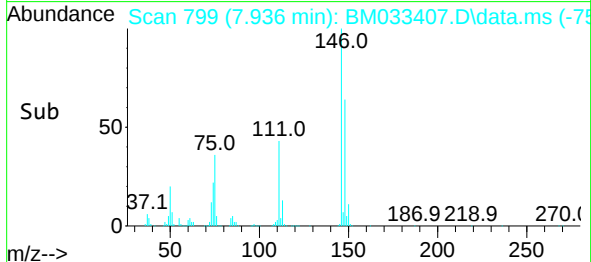
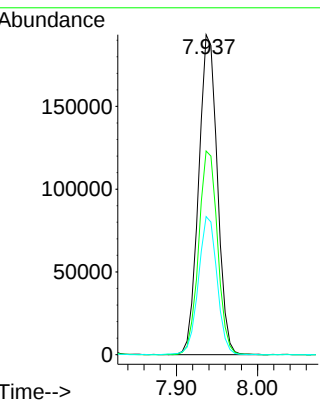
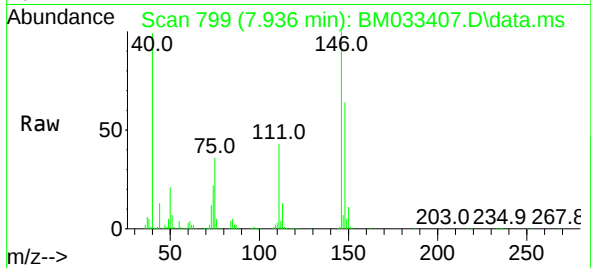




#13
1,4-Dichlorobenzene
Concen: 49.122 ng
RT: 7.936 min Scan# 799
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

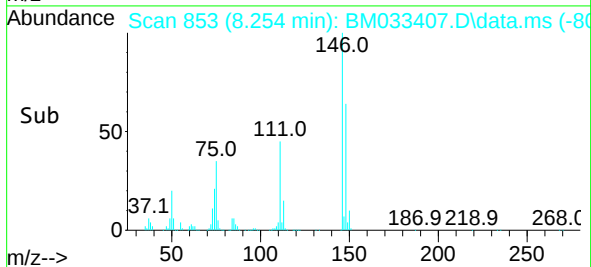
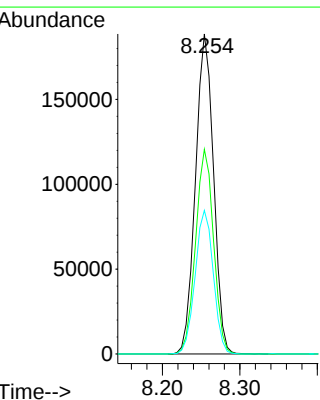
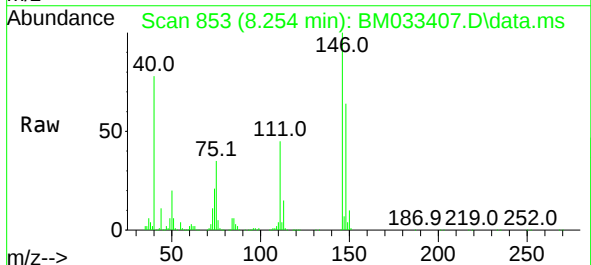
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

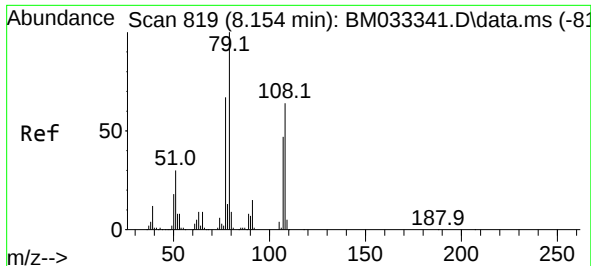
Tgt Ion:146 Resp: 309269
Ion Ratio Lower Upper
146 100
148 63.7 53.4 80.0
111 43.2 36.6 55.0



#14
1,2-Dichlorobenzene
Concen: 49.591 ng
RT: 8.254 min Scan# 853
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:146 Resp: 305453
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 44.9 37.8 56.8

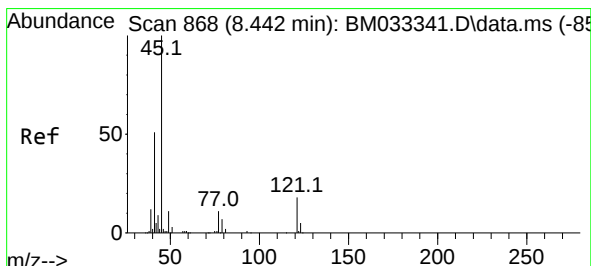
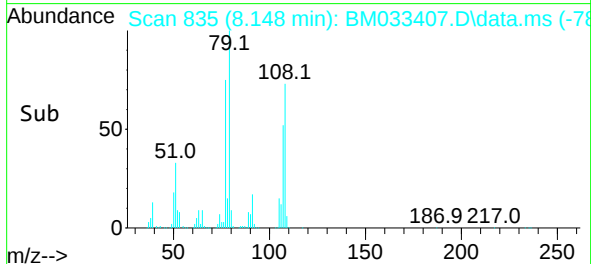
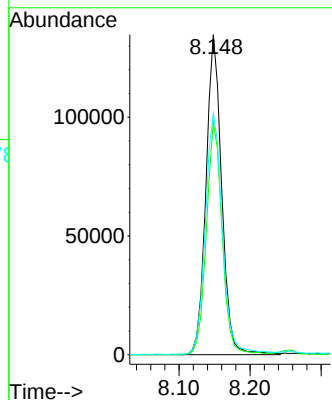
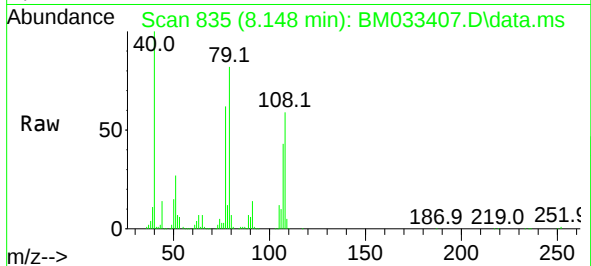




#15
Benzyl Alcohol
Concen: 35.916 ng
RT: 8.148 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

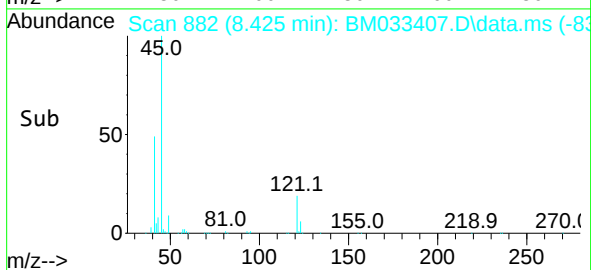
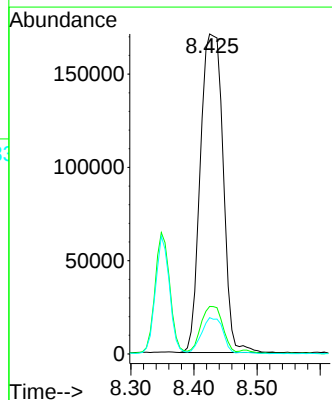
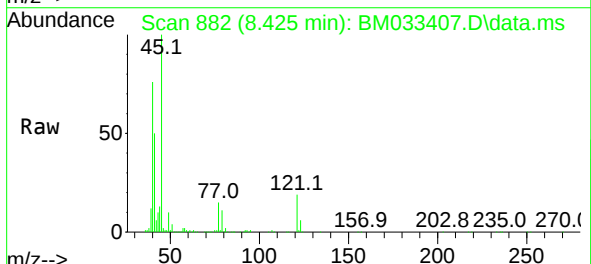
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

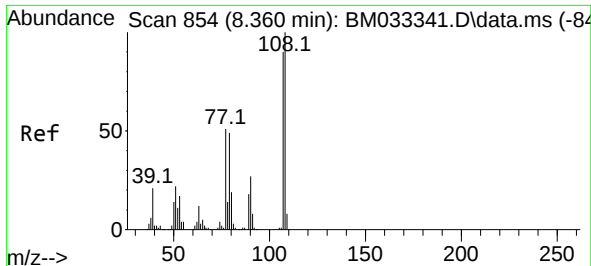
Tgt Ion: 79 Resp: 207099
Ion Ratio Lower Upper
79 100
108 72.6 51.1 76.7
77 75.4 53.8 80.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.086 ng
RT: 8.425 min Scan# 882
Delta R.T. -0.018 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion: 45 Resp: 425256
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.7
79 11.3 0.0 30.0

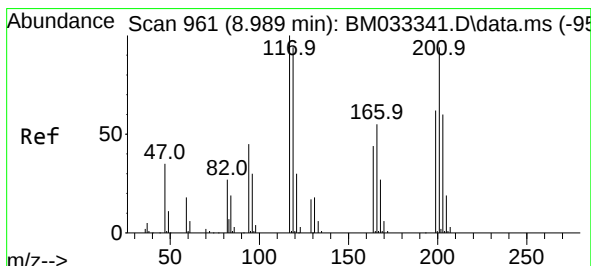
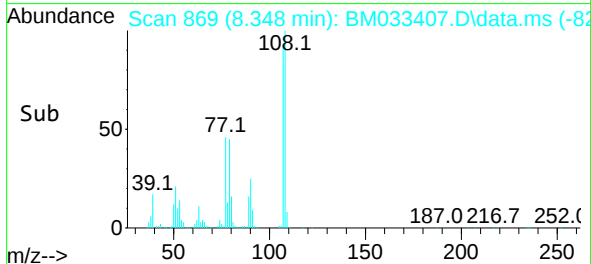
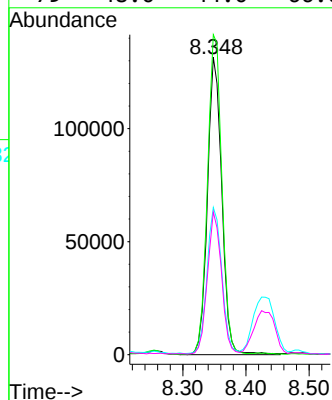
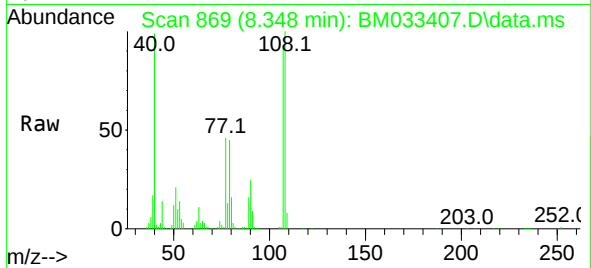




#17
2-Methylphenol
Concen: 43.817 ng
RT: 8.348 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

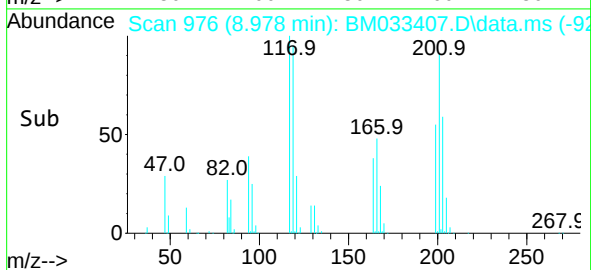
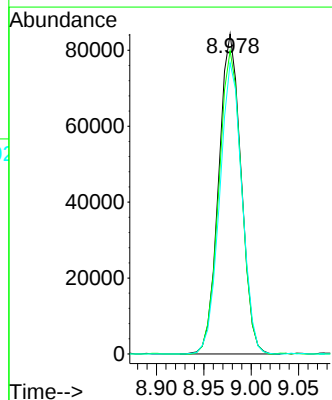
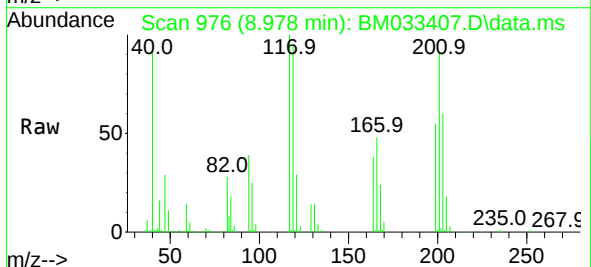
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

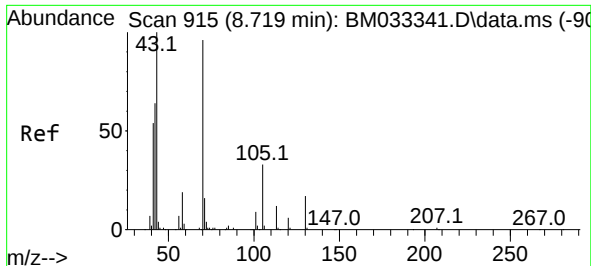
Tgt Ion:107 Resp: 207570
Ion Ratio Lower Upper
107 100
108 107.6 89.2 133.8
77 49.5 46.0 69.0
79 48.0 44.0 66.0



#18
Hexachloroethane
Concen: 55.962 ng
RT: 8.978 min Scan# 976
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:117 Resp: 138354
Ion Ratio Lower Upper
117 100
119 94.8 75.0 112.6
201 91.0 75.2 112.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.546 ng

RT: 8.713 min Scan# 915

Delta R.T. -0.006 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-6MS

Tgt Ion: 70 Resp: 207242

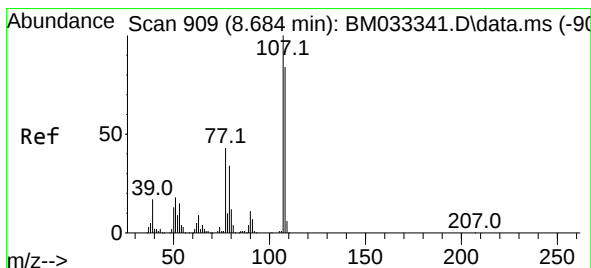
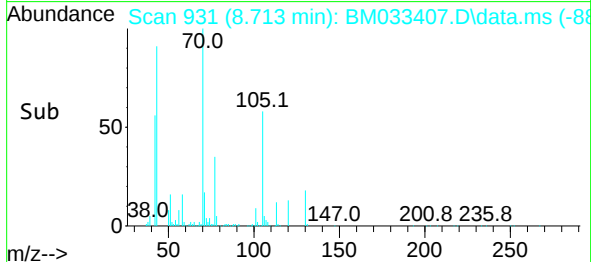
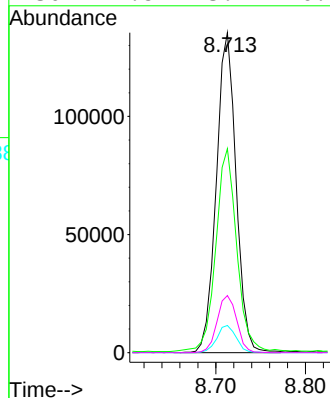
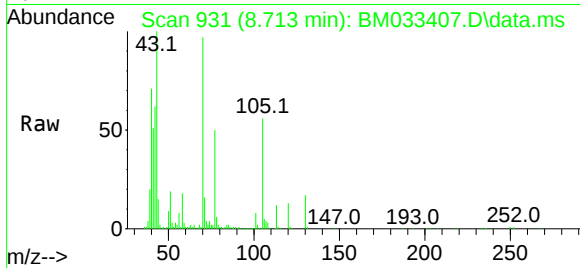
Ion Ratio Lower Upper

70 100

42 63.8 54.1 81.1

101 8.5 7.8 11.6

130 17.8 13.9 20.9



#20

3+4-Methylphenols

Concen: 42.787 ng

RT: 8.678 min Scan# 925

Delta R.T. -0.006 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

Tgt Ion: 107 Resp: 275058

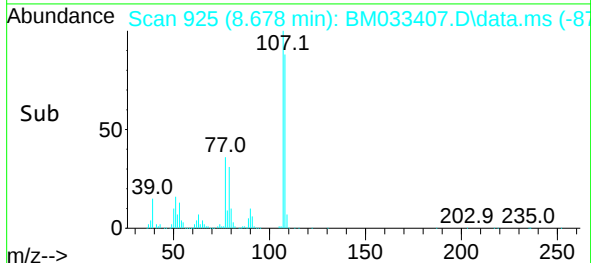
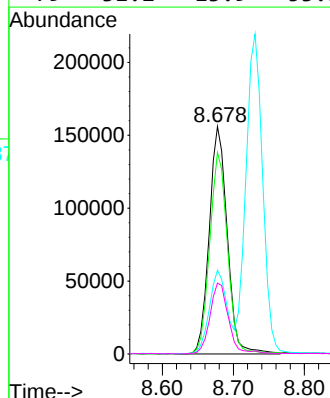
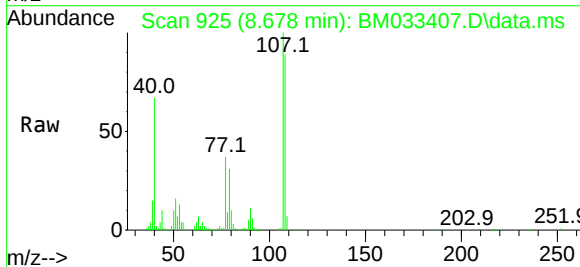
Ion Ratio Lower Upper

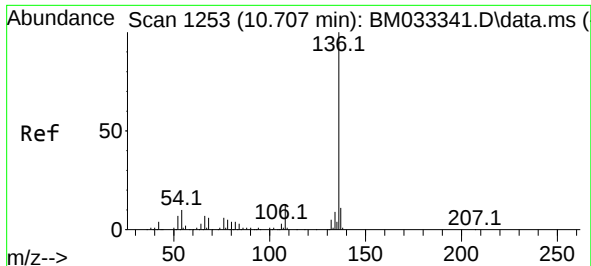
107 100

108 88.6 64.2 104.2

77 36.8 22.7 62.7

79 31.2 13.9 53.9

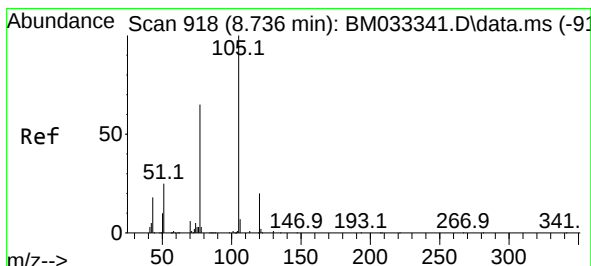
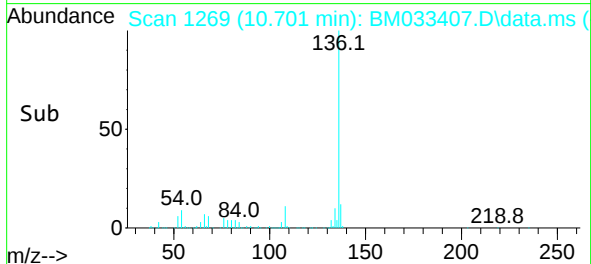
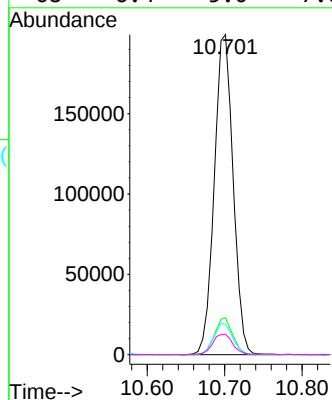
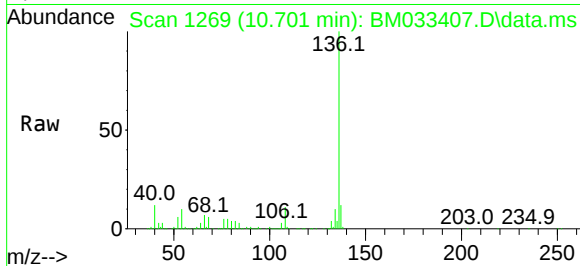




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.701 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

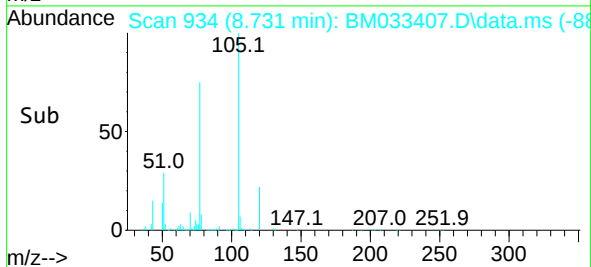
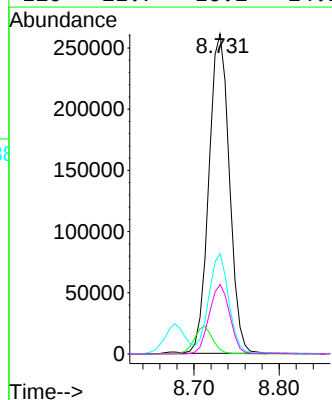
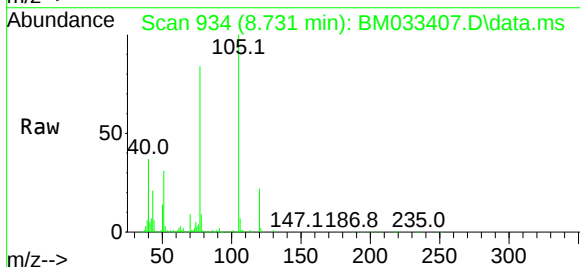
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

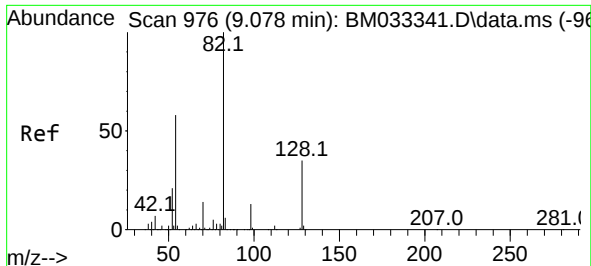
Tgt Ion:	136	Resp:	336379
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	9.5	8.3	12.5
68	6.4	5.0	7.6



#22
Acetophenone
Concen: 47.889 ng
RT: 8.731 min Scan# 934
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:	105	Resp:	435837
Ion	Ratio	Lower	Upper
105	100		
71	1.4	1.6	2.4#
51	31.4	27.7	41.5
120	21.7	16.2	24.2





#23

Nitrobenzene-d5

Concen: 76.731 ng

RT: 9.066 min Scan# 991

Delta R.T. -0.012 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-6MS

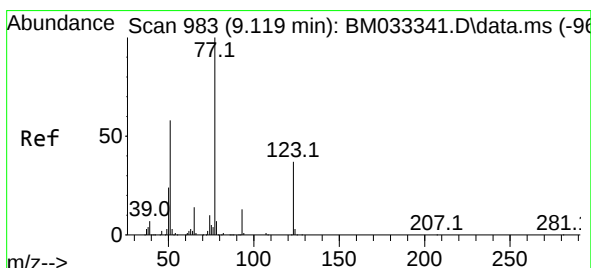
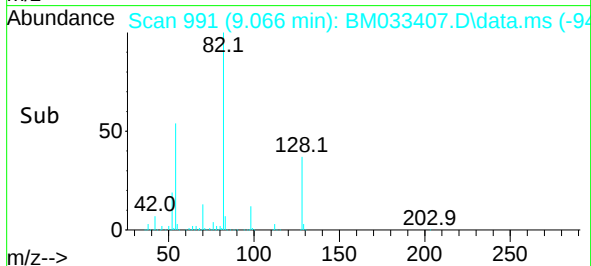
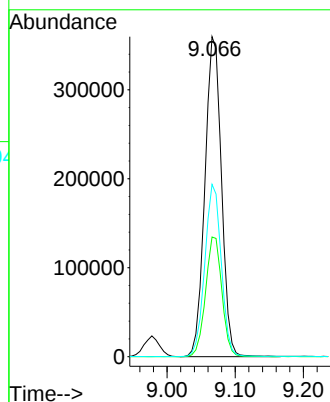
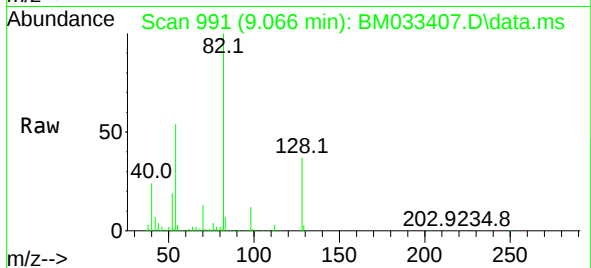
Tgt Ion: 82 Resp: 607878

Ion Ratio Lower Upper

82 100

128 37.4 28.1 42.1

54 53.9 46.1 69.1



#24

Nitrobenzene

Concen: 47.116 ng

RT: 9.107 min Scan# 998

Delta R.T. -0.012 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

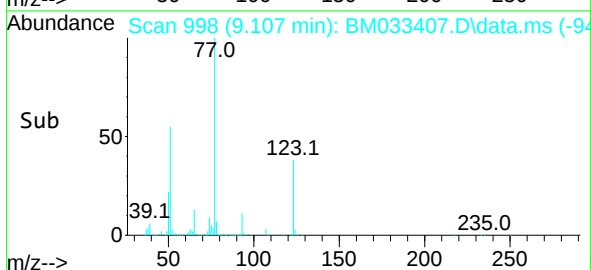
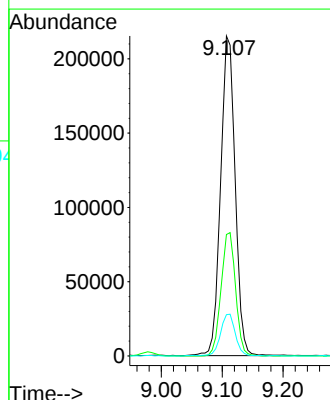
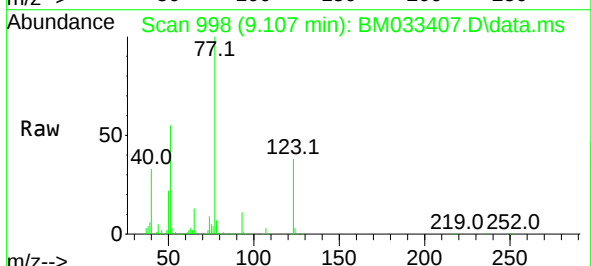
Tgt Ion: 77 Resp: 357237

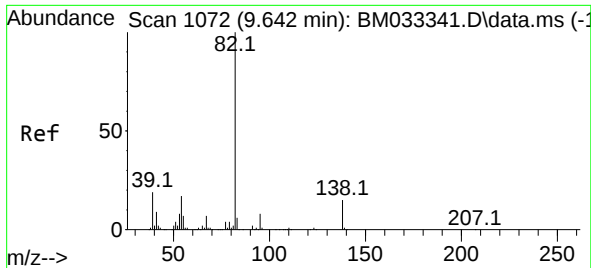
Ion Ratio Lower Upper

77 100

123 37.9 29.8 44.8

65 12.9 11.5 17.3

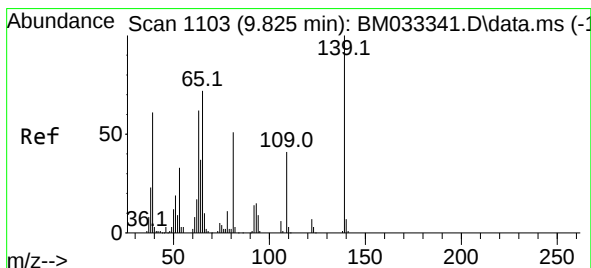
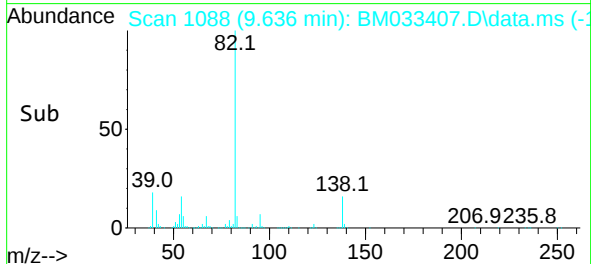
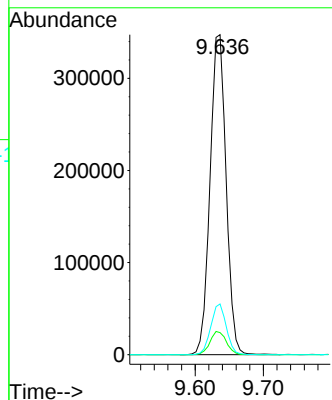
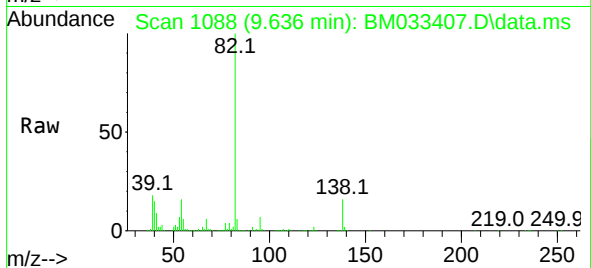




#25
Isophorone
Concen: 47.408 ng
RT: 9.636 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

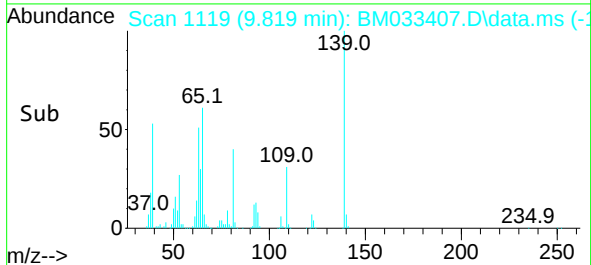
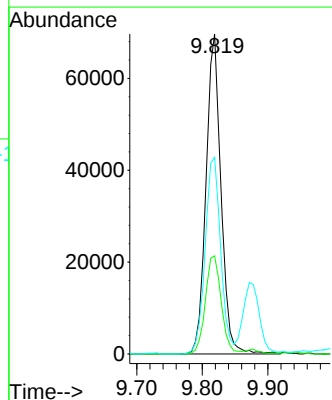
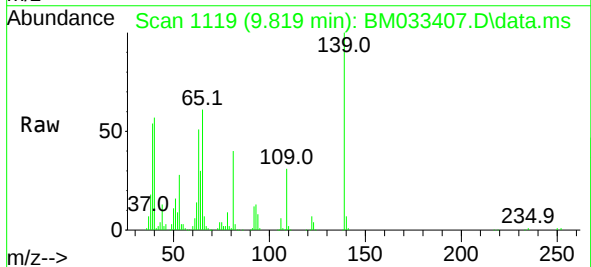
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

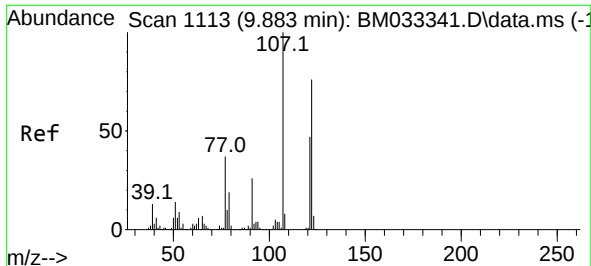
Tgt Ion: 82 Resp: 570385
Ion Ratio Lower Upper
82 100
95 6.9 6.4 9.6
138 15.9 12.4 18.6



#26
2-Nitrophenol
Concen: 39.803 ng
RT: 9.819 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion: 139 Resp: 110919
Ion Ratio Lower Upper
139 100
109 30.6 33.0 49.6#
65 61.4 57.2 85.8

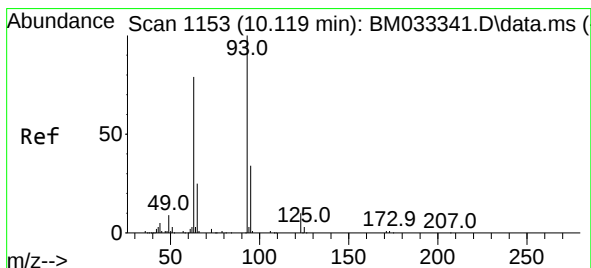
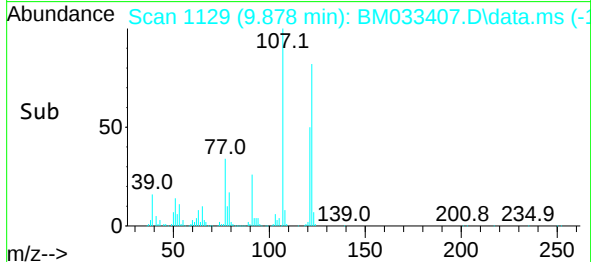
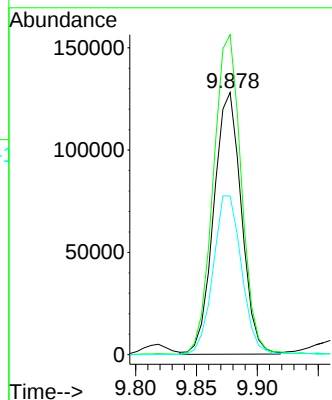
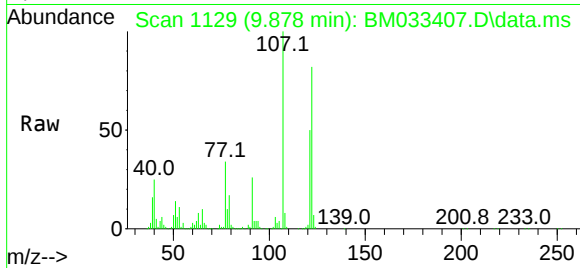




#27
2,4-Dimethylphenol
Concen: 45.651 ng
RT: 9.878 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

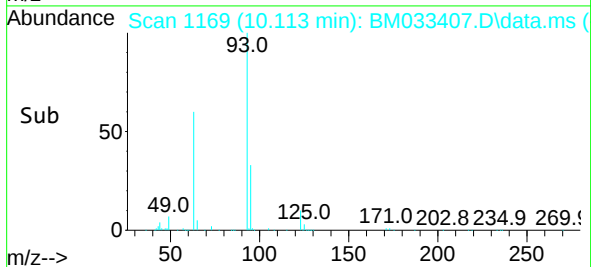
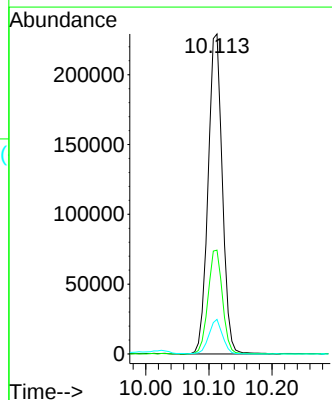
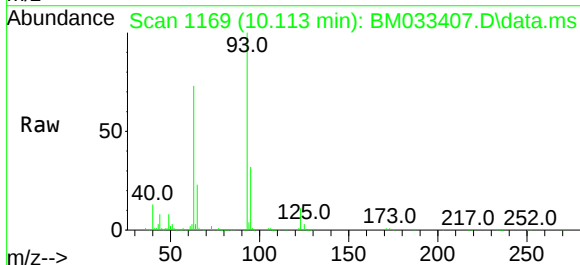
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

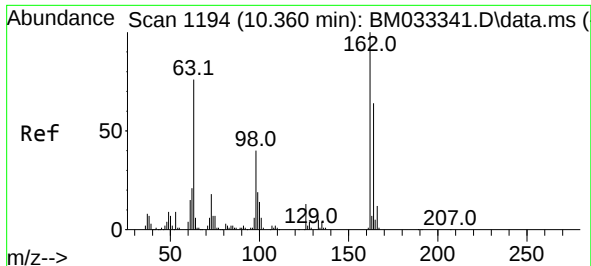
Tgt Ion:122 Resp: 202618
Ion Ratio Lower Upper
122 100
107 122.0 105.3 157.9
121 60.6 49.7 74.5



#28
bis(2-Chloroethoxy)methane
Concen: 47.331 ng
RT: 10.113 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion: 93 Resp: 359657
Ion Ratio Lower Upper
93 100
95 32.5 26.8 40.2
123 10.8 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 43.408 ng

RT: 10.348 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-6MS

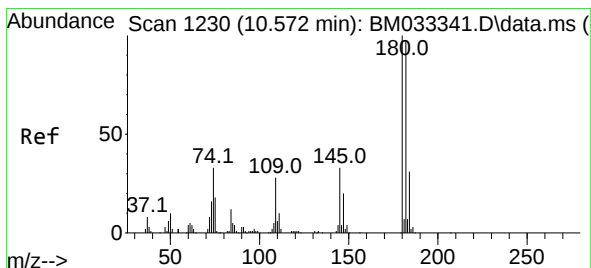
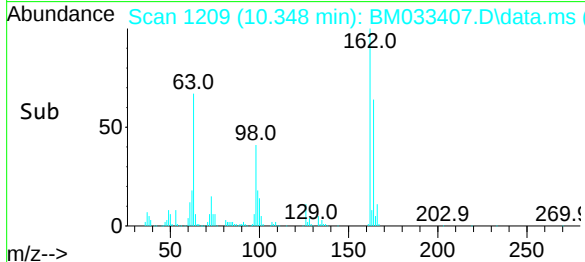
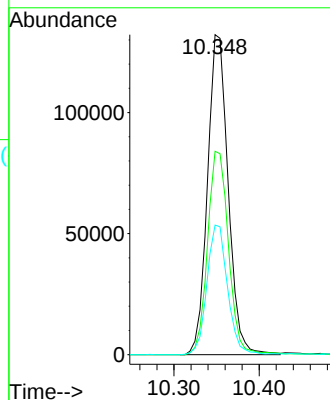
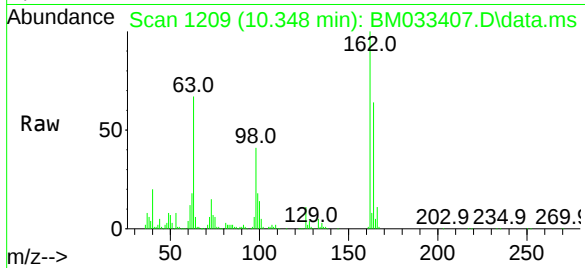
Tgt Ion:162 Resp: 222875

Ion Ratio Lower Upper

162 100

164 63.6 44.4 84.4

98 40.5 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 46.297 ng

RT: 10.560 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

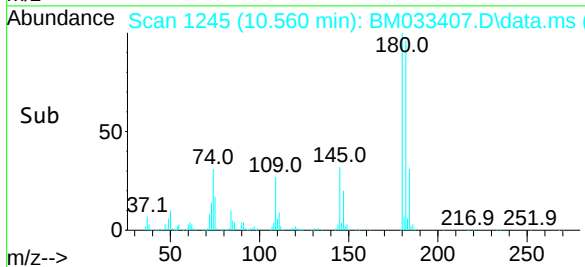
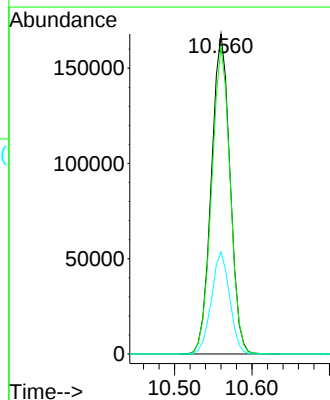
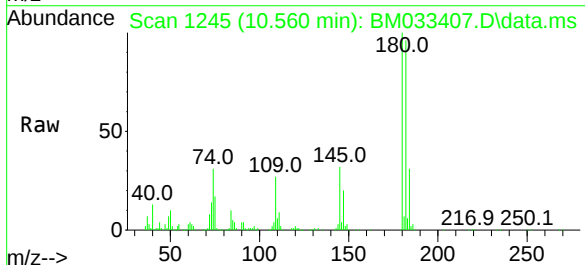
Tgt Ion:180 Resp: 280082

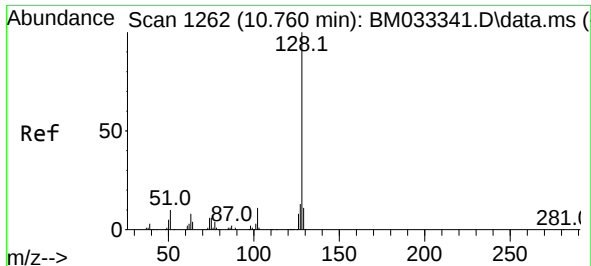
Ion Ratio Lower Upper

180 100

182 95.8 77.8 116.8

145 31.9 26.0 39.0

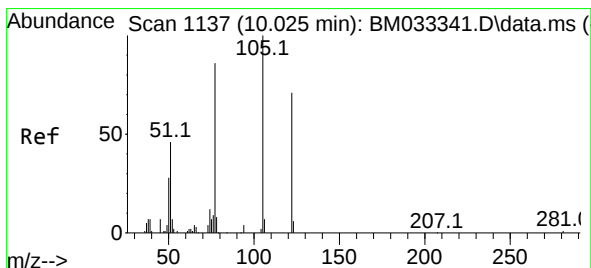
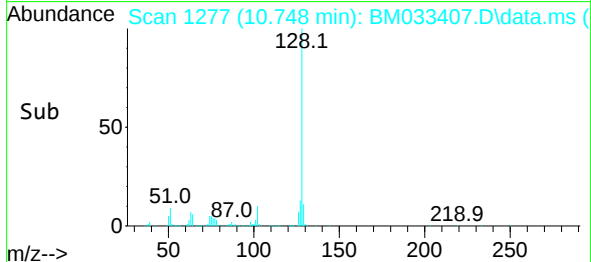
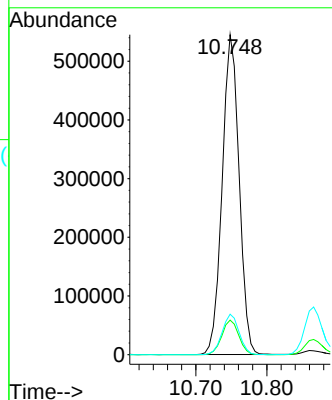
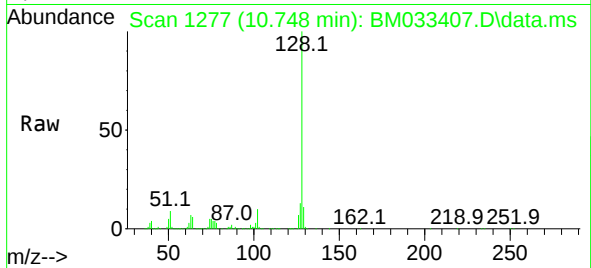




#31
Naphthalene
Concen: 49.958 ng
RT: 10.748 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

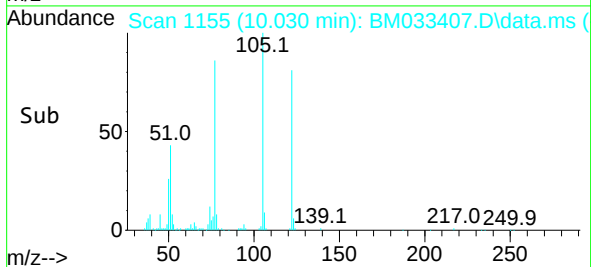
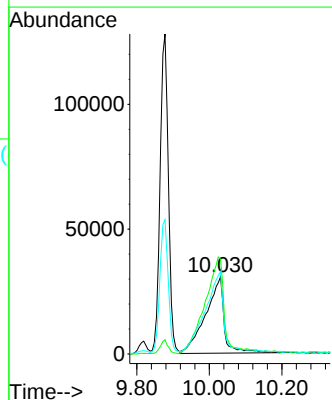
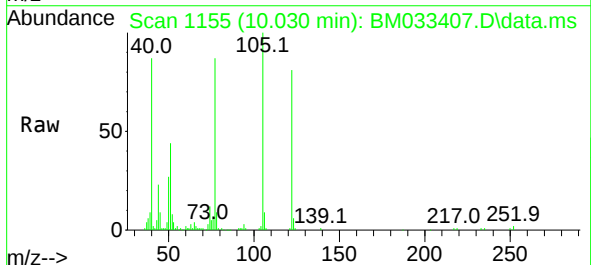
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

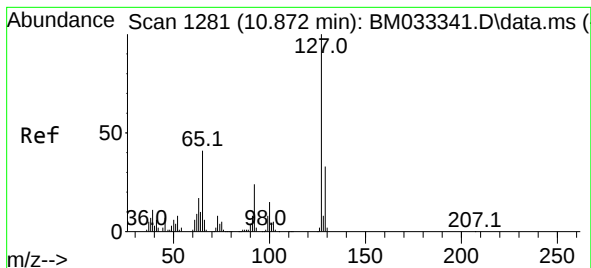
Tgt Ion:128 Resp: 898114
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.7 10.8 16.2



#32
Benzoic acid
Concen: 33.986 ng
RT: 10.030 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:122 Resp: 109238
Ion Ratio Lower Upper
122 100
105 123.1 119.6 159.6
77 107.0 101.0 141.0

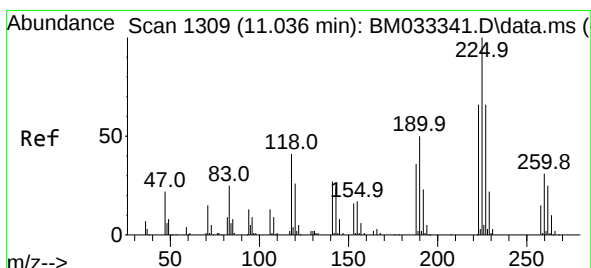
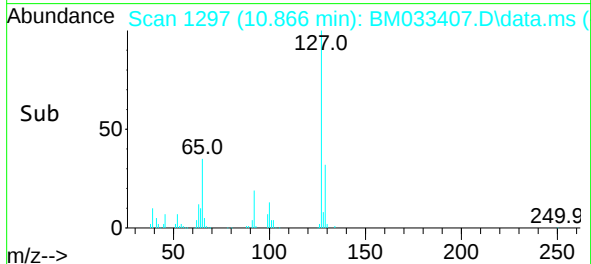
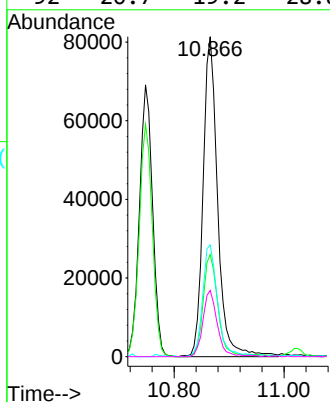
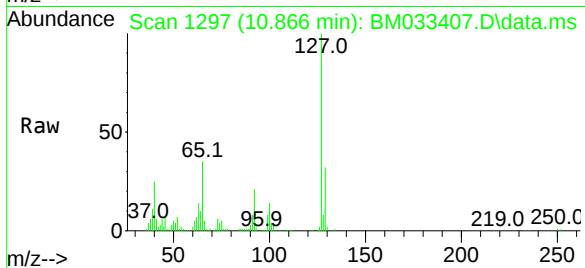




#33
4-Chloroaniline
Concen: 21.450 ng
RT: 10.866 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

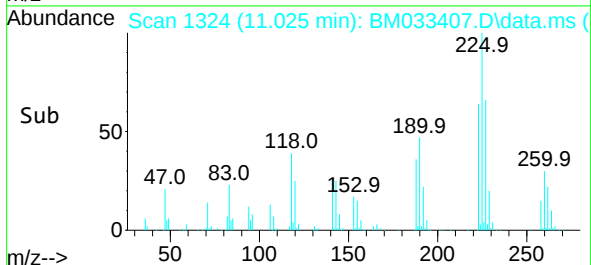
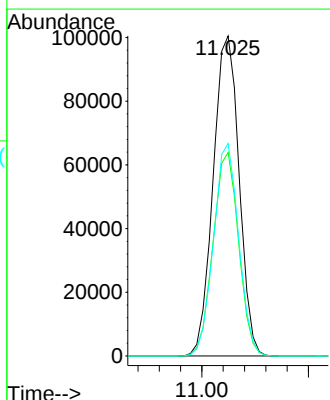
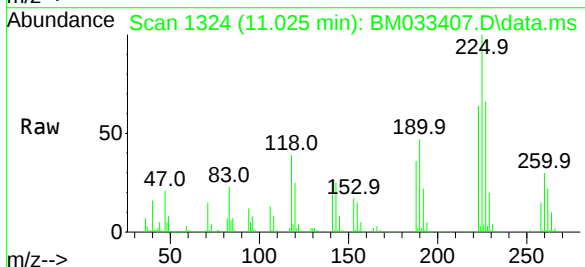
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

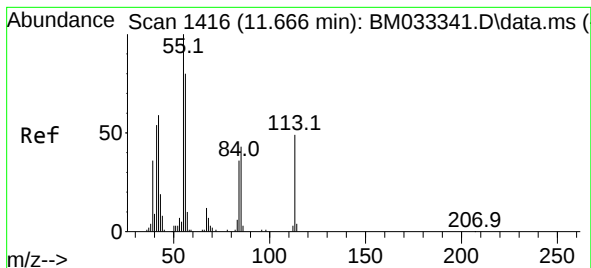
Tgt Ion:	127	Resp:	149519
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	34.9	33.0	49.6
92	20.7	19.2	28.8



#34
Hexachlorobutadiene
Concen: 44.329 ng
RT: 11.025 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:	225	Resp:	169387
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.5	78.7
227	66.4	52.7	79.1





#35

Caprolactam

Concen: 60.602 ng

RT: 11.672 min Scan# 1416

Delta R.T. 0.006 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-6MS

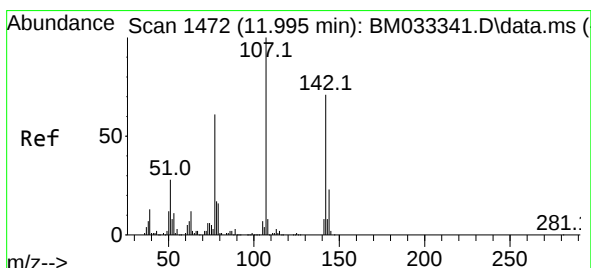
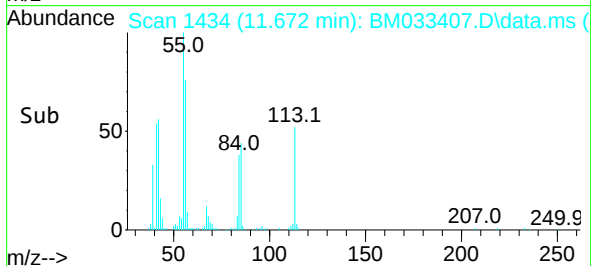
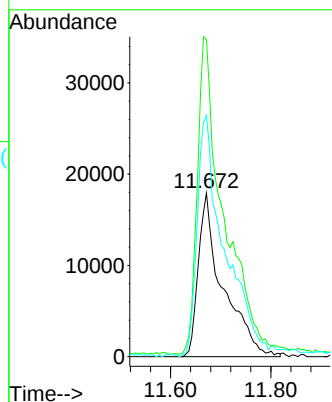
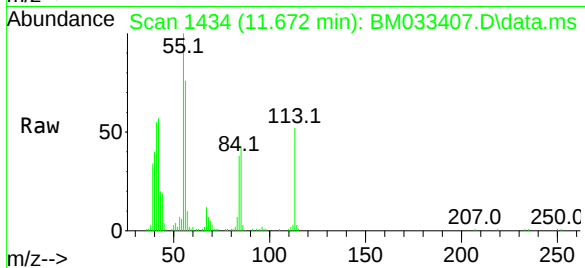
Tgt Ion:113 Resp: 60633

Ion Ratio Lower Upper

113 100

55 194.0 183.6 223.6

56 147.7 143.7 183.7



#36

4-Chloro-3-methylphenol

Concen: 40.831 ng

RT: 11.989 min Scan# 1488

Delta R.T. -0.006 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

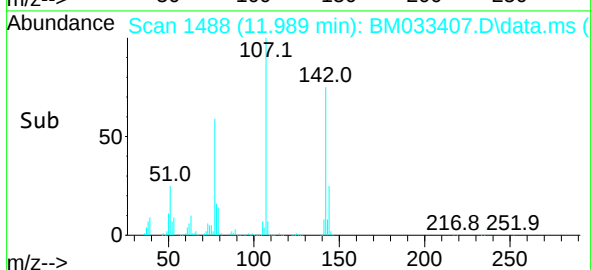
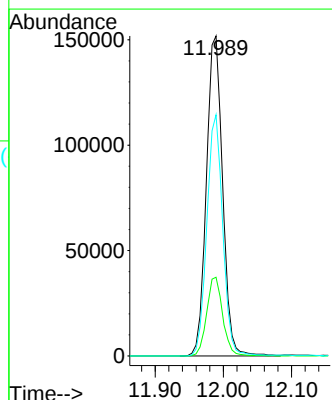
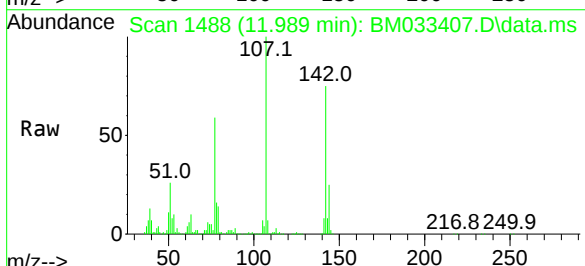
Tgt Ion:107 Resp: 251820

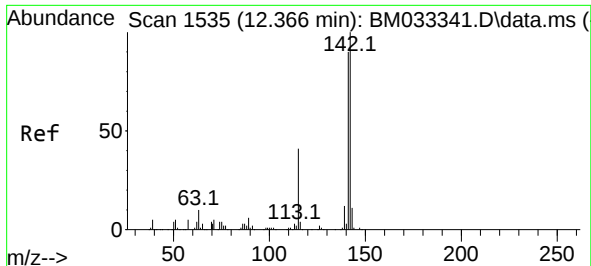
Ion Ratio Lower Upper

107 100

144 24.6 18.6 27.8

142 75.3 56.9 85.3

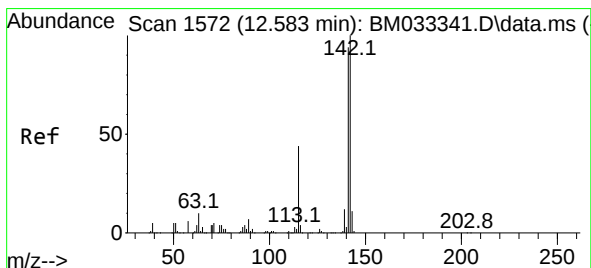
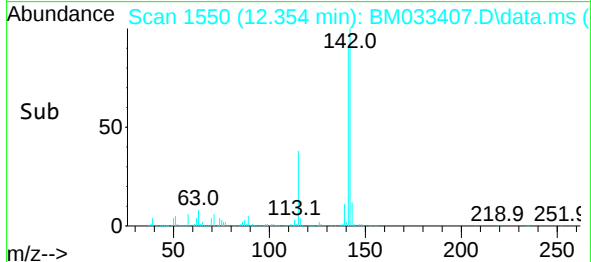
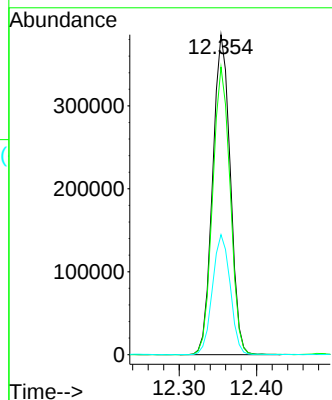
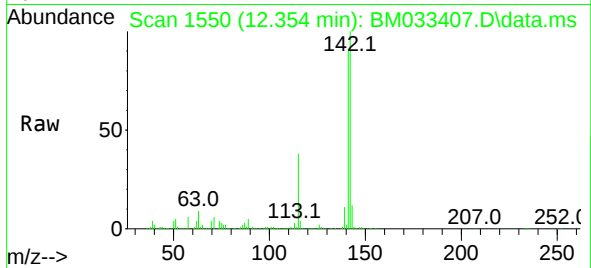




#37
2-Methylnaphthalene
Concen: 49.585 ng
RT: 12.354 min Scan# 1535
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

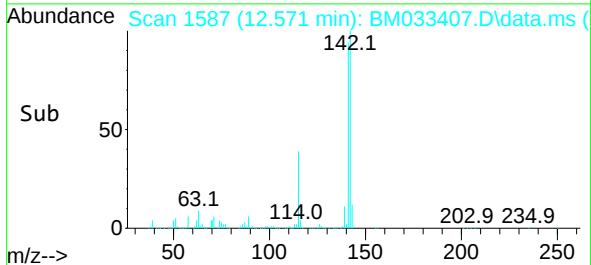
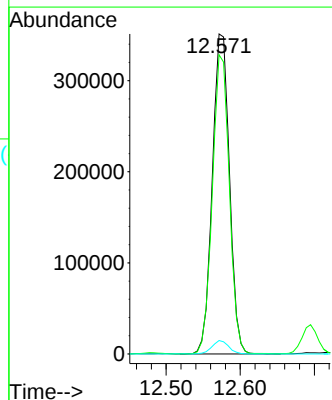
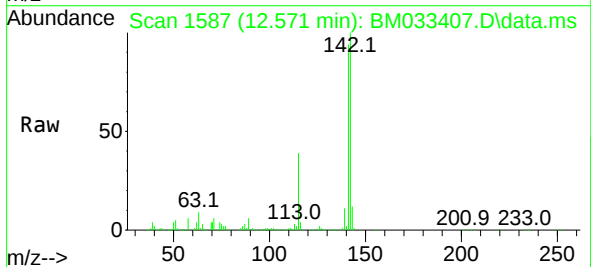
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

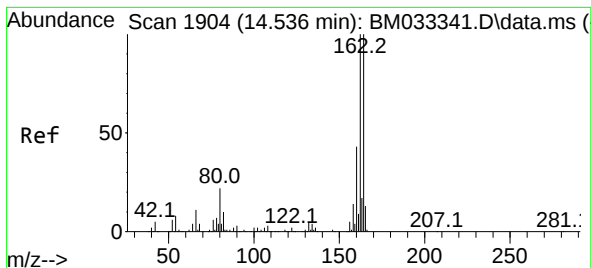
Tgt Ion:142 Resp: 609351
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.2
115 37.5 33.0 49.6



#38
1-Methylnaphthalene
Concen: 46.564 ng
RT: 12.571 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:142 Resp: 564266
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4
116 4.2 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.530 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-6MS

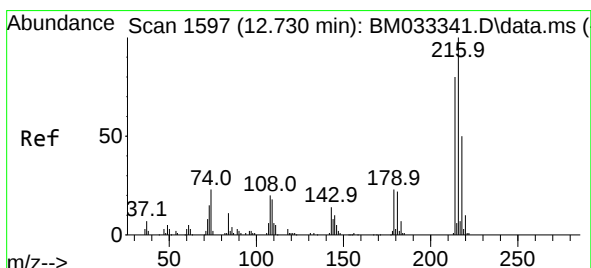
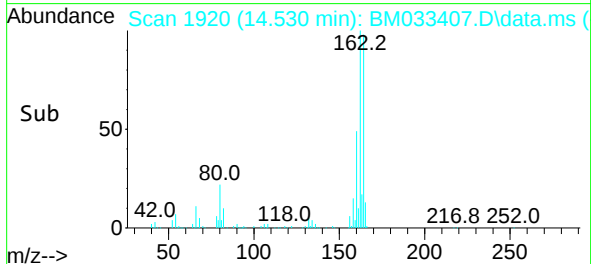
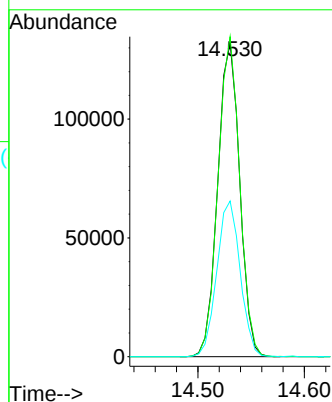
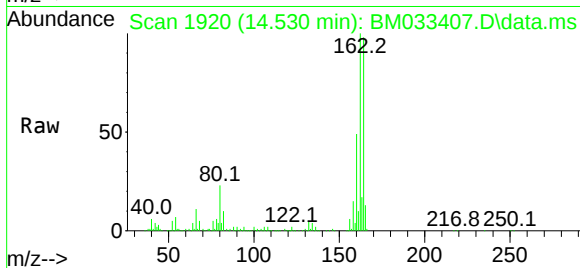
Tgt Ion:164 Resp: 189270

Ion Ratio Lower Upper

164 100

162 102.0 79.7 119.5

160 49.6 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.565 ng

RT: 12.719 min Scan# 1612

Delta R.T. -0.012 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

Tgt Ion:216 Resp: 282781

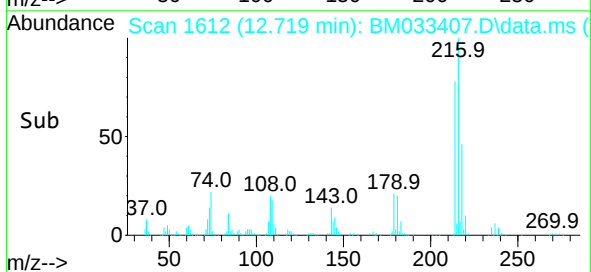
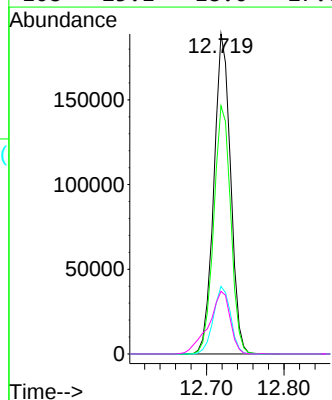
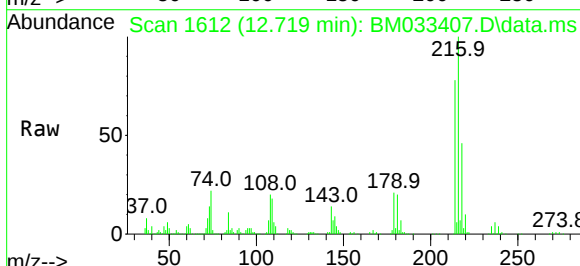
Ion Ratio Lower Upper

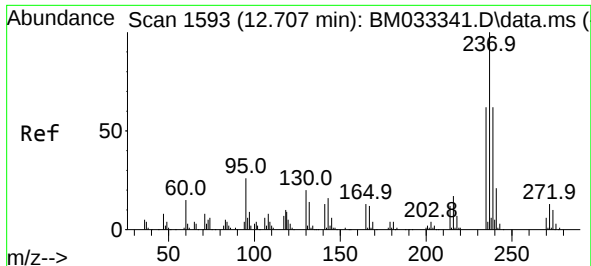
216 100

214 78.8 62.6 93.8

179 21.7 18.2 27.2

108 25.1 18.0 27.0

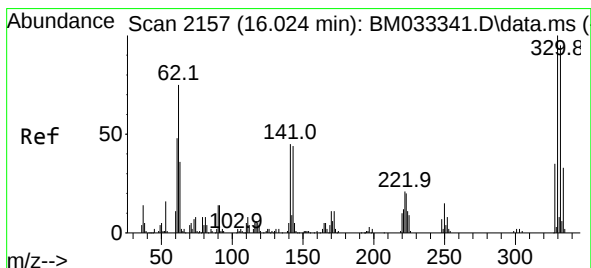
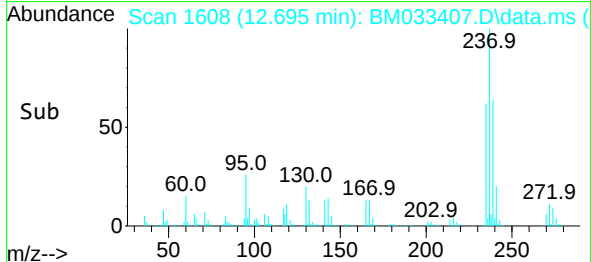
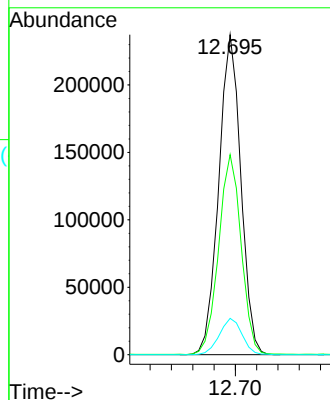
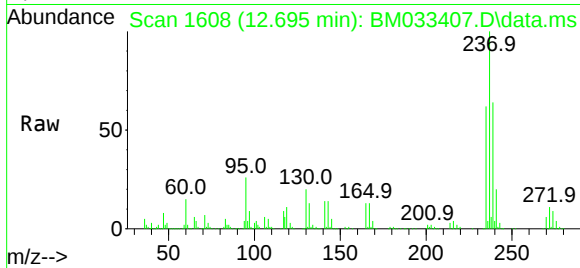




#41
Hexachlorocyclopentadiene
Concen: 114.555 ng
RT: 12.695 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

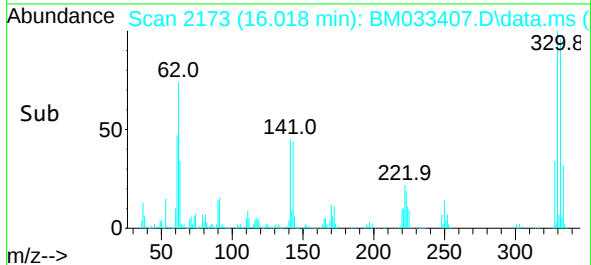
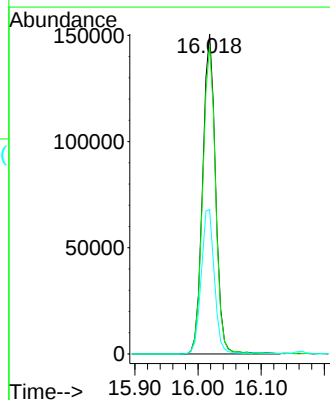
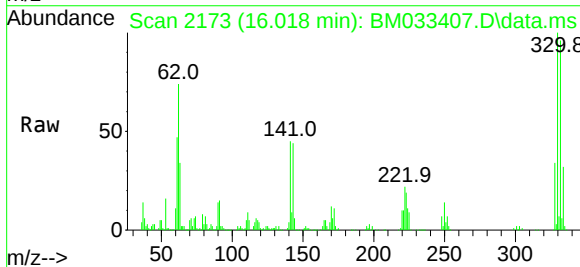
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

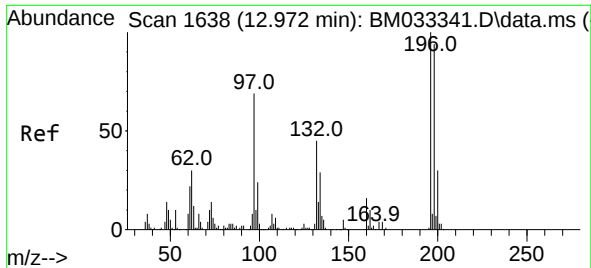
Tgt Ion:237 Resp: 341328
Ion Ratio Lower Upper
237 100
235 62.5 41.7 81.7
272 11.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 105.474 ng
RT: 16.018 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:330 Resp: 213550
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 46.2 35.9 53.9

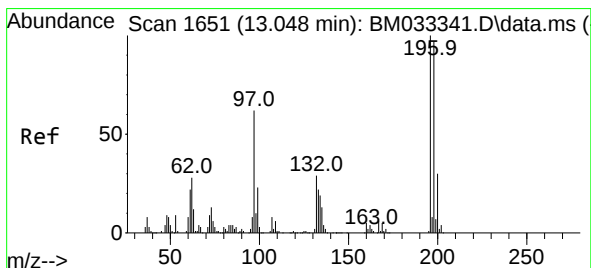
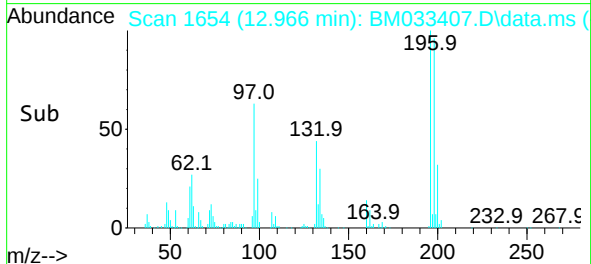
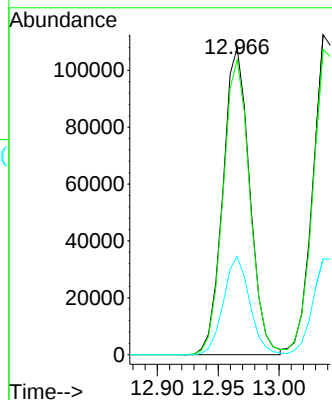
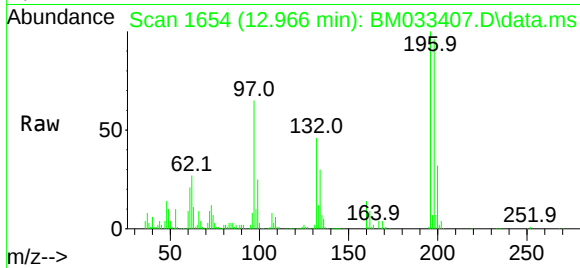




#43
2,4,6-Trichlorophenol
Concen: 44.564 ng
RT: 12.966 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

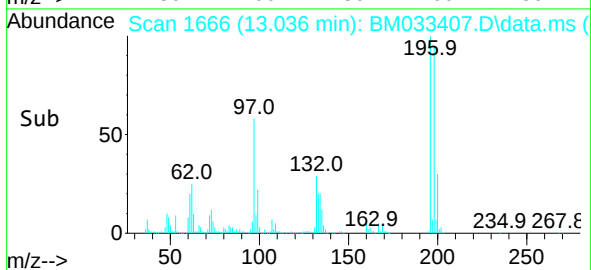
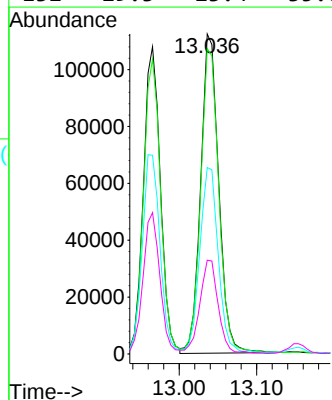
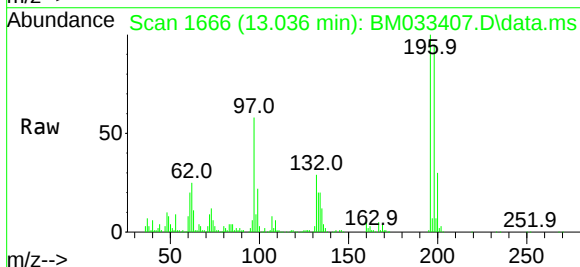
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

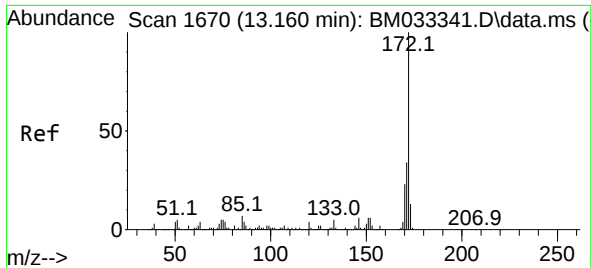
Tgt Ion:196 Resp: 164994
Ion Ratio Lower Upper
196 100
198 96.0 75.1 112.7
200 32.0 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 45.743 ng
RT: 13.036 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:196 Resp: 181556
Ion Ratio Lower Upper
196 100
198 95.5 77.8 116.6
97 58.2 49.7 74.5
132 29.3 23.4 35.0

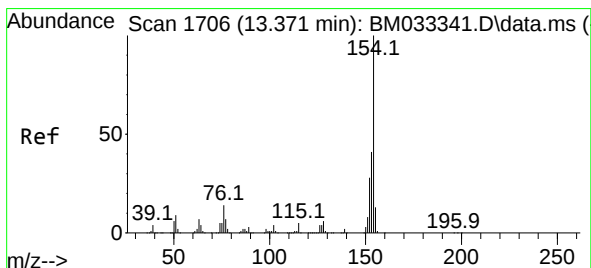
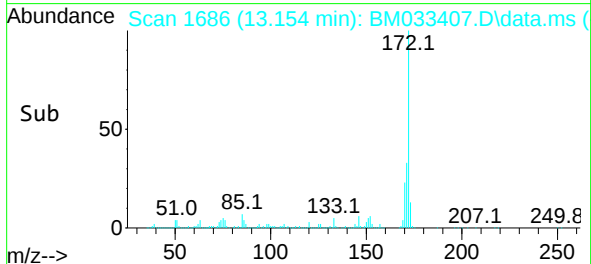
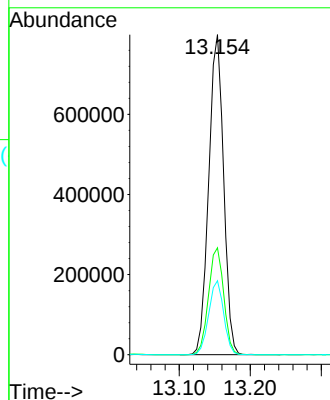
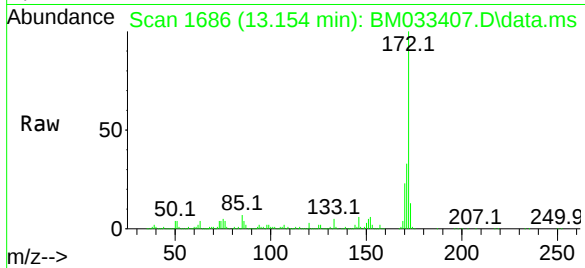




#45
2-Fluorobiphenyl
Concen: 85.035 ng
RT: 13.154 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

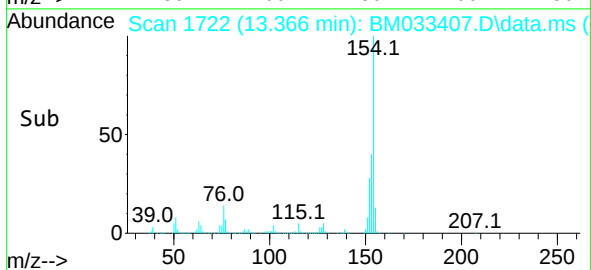
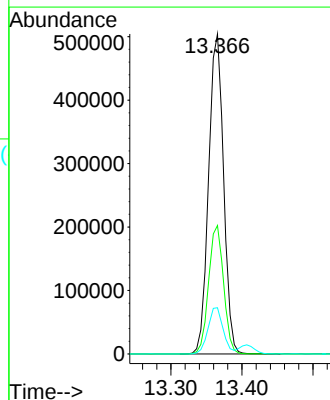
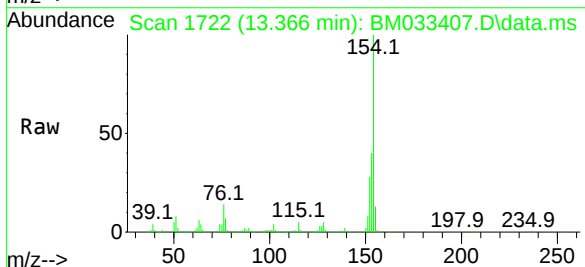
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

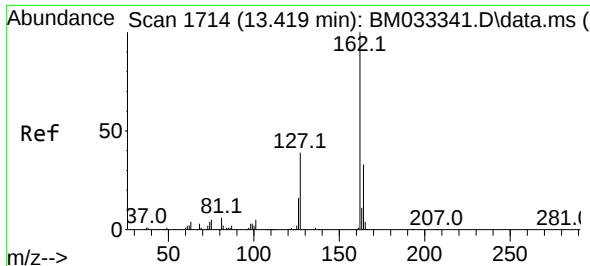
Tgt Ion:172 Resp: 1163533
Ion Ratio Lower Upper
172 100
171 33.4 27.2 40.8
170 23.1 18.7 28.1



#46
1,1'-Biphenyl
Concen: 51.250 ng
RT: 13.366 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:154 Resp: 738819
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 14.5 0.0 34.4

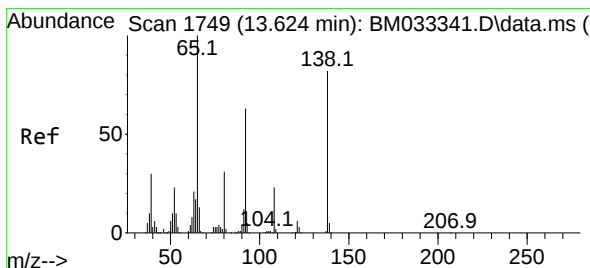
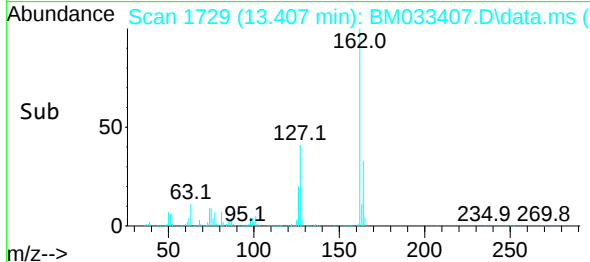
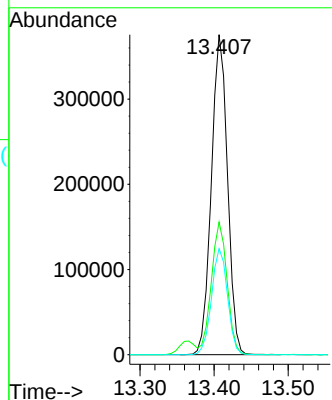
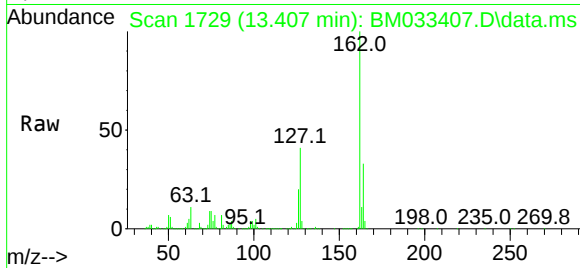




#47
2-Chloronaphthalene
Concen: 51.322 ng
RT: 13.407 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

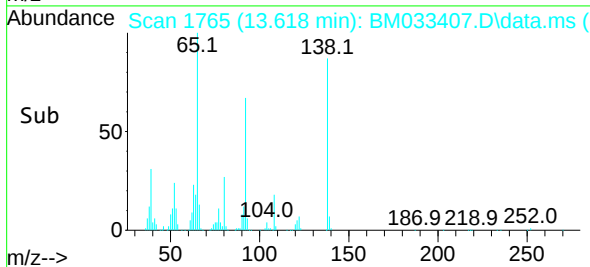
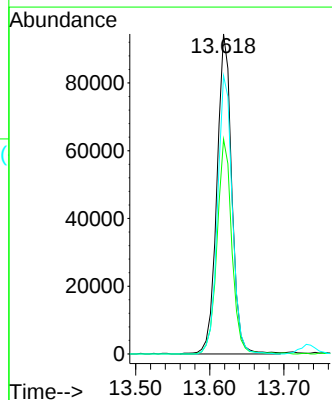
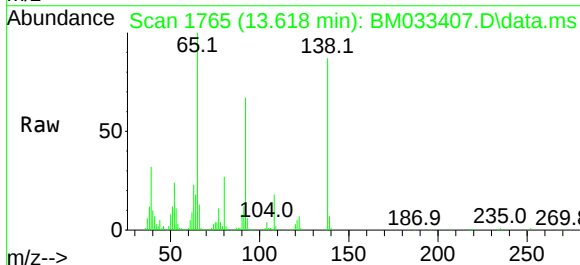
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

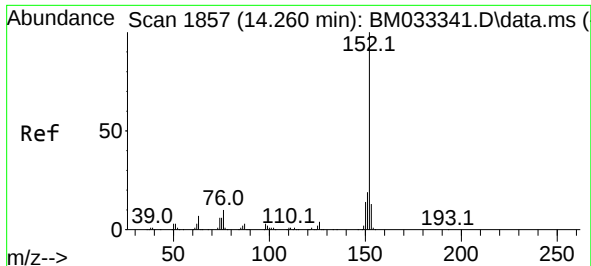
Tgt Ion:162 Resp: 567506
Ion Ratio Lower Upper
162 100
127 41.5 33.8 50.6
164 33.1 26.2 39.4



#48
2-Nitroaniline
Concen: 33.584 ng
RT: 13.618 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

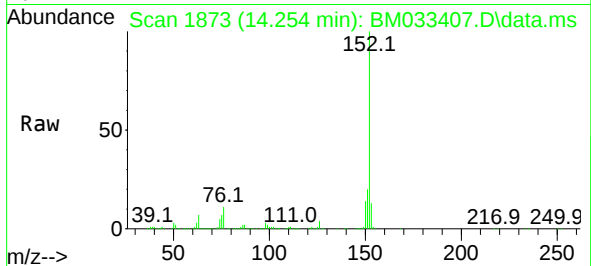
Tgt Ion: 65 Resp: 131663
Ion Ratio Lower Upper
65 100
92 67.1 50.0 75.0
138 86.9 65.7 98.5



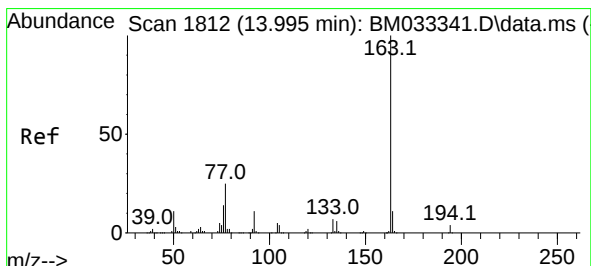
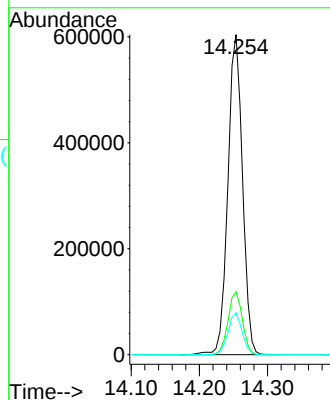
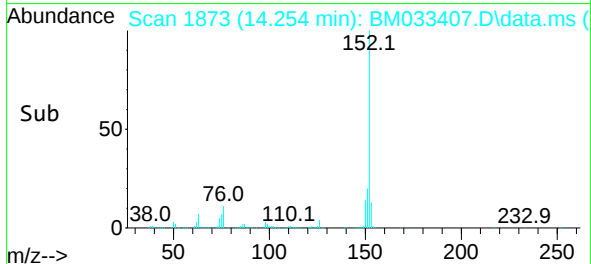


#49
Acenaphthylene
Concen: 51.824 ng
RT: 14.254 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

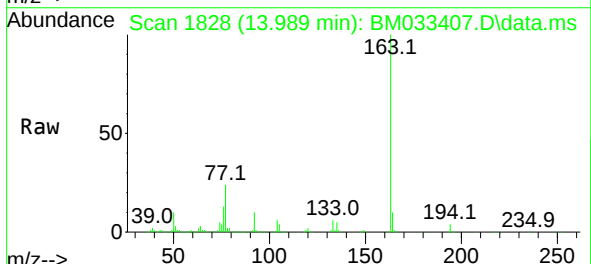
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS



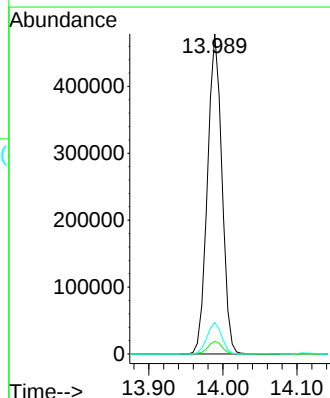
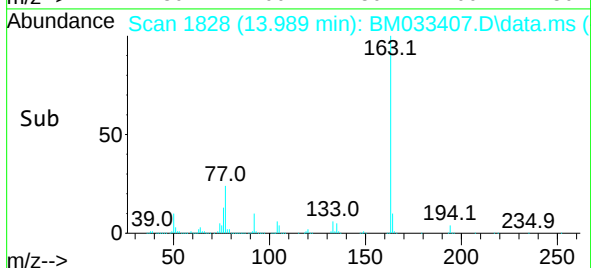
Tgt Ion:152 Resp: 901447
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 13.1 10.4 15.6

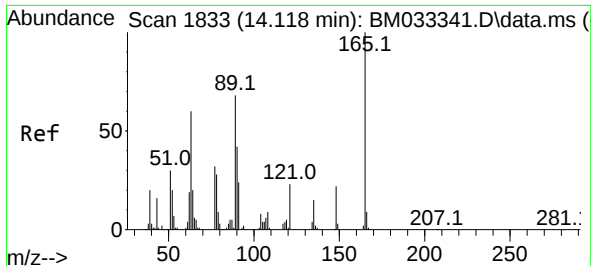


#50
Dimethylphthalate
Concen: 47.130 ng
RT: 13.989 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50



Tgt Ion:163 Resp: 648079
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.9 8.6 12.8

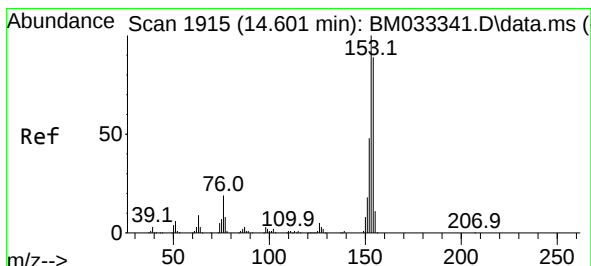
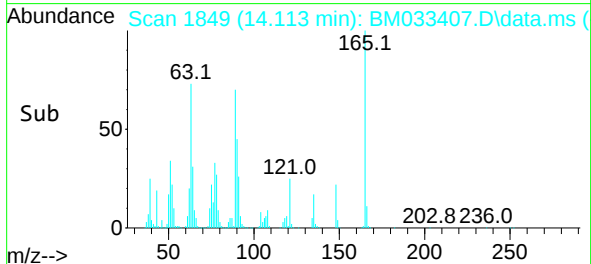
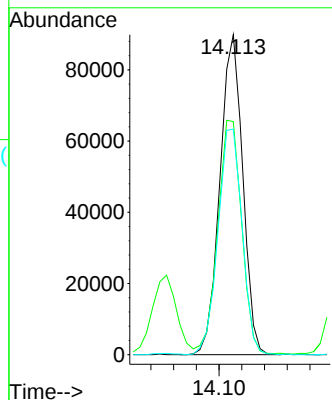
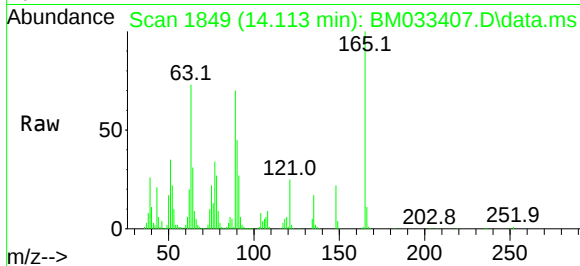




#51
2,6-Dinitrotoluene
Concen: 44.699 ng
RT: 14.113 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

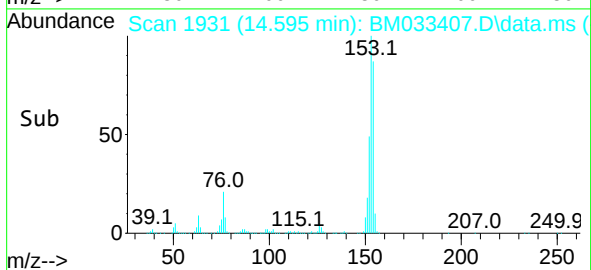
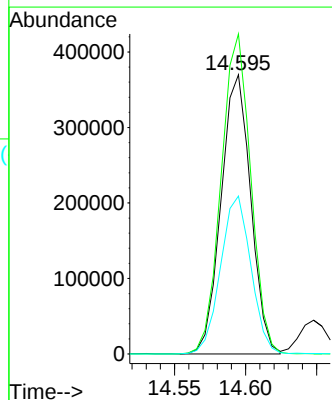
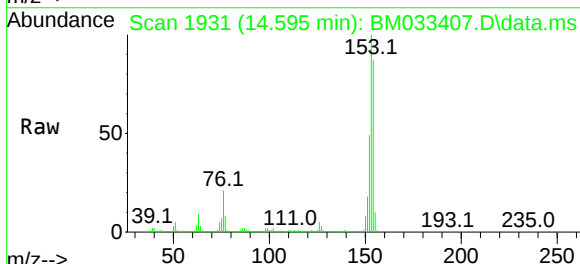
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

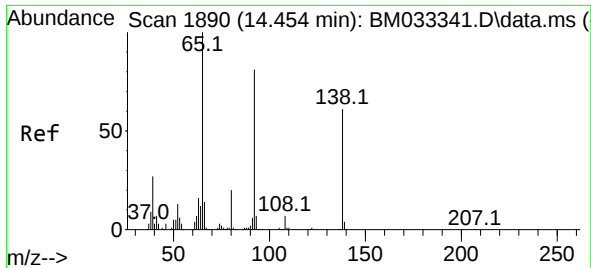
Tgt Ion:165 Resp: 125401
Ion Ratio Lower Upper
165 100
63 72.8 56.9 85.3
89 70.5 54.3 81.5



#52
Acenaphthene
Concen: 50.908 ng
RT: 14.595 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:154 Resp: 536901
Ion Ratio Lower Upper
154 100
153 114.6 90.2 135.4
152 56.6 43.5 65.3

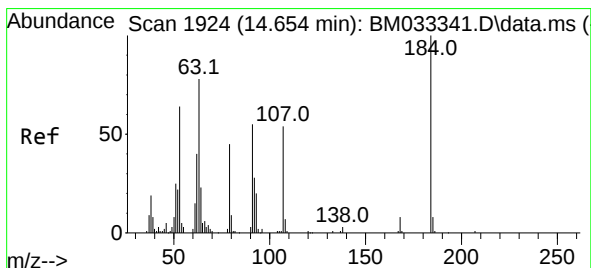
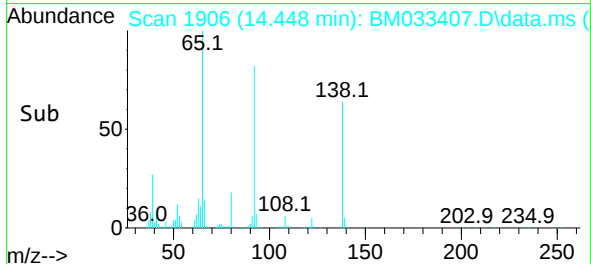
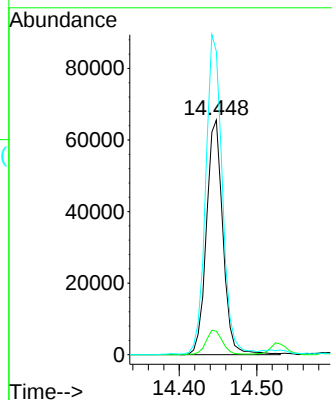
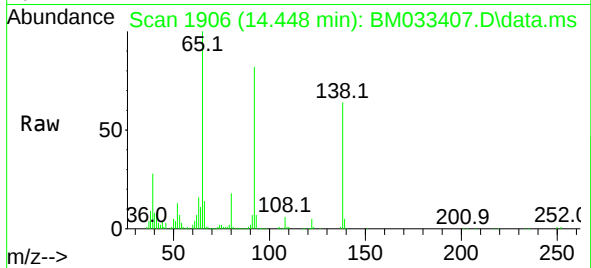




#53
3-Nitroaniline
Concen: 33.114 ng
RT: 14.448 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

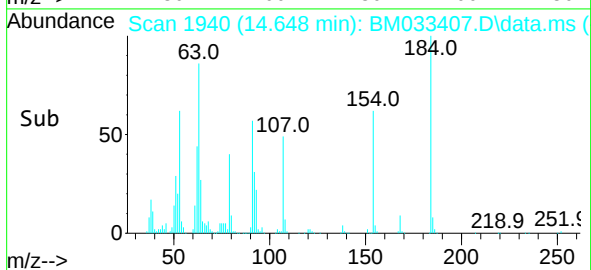
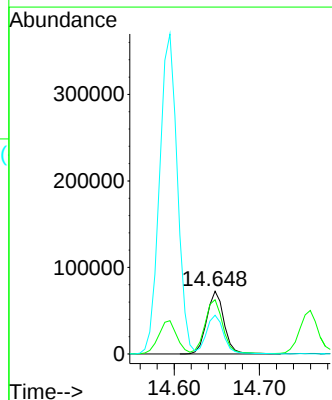
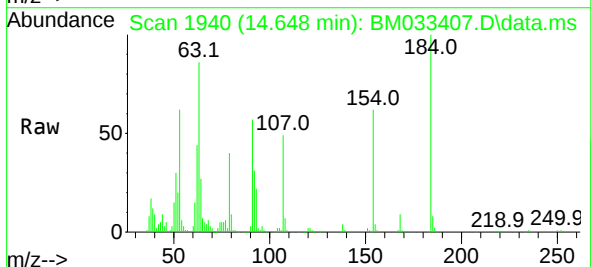
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

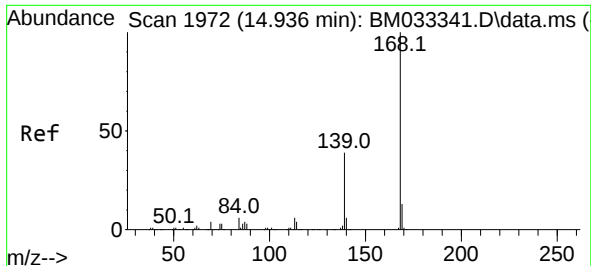
Tgt Ion:138 Resp: 96794
Ion Ratio Lower Upper
138 100
108 10.0 9.5 14.3
92 129.2 106.6 159.8



#54
2,4-Dinitrophenol
Concen: 65.827 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:184 Resp: 102211
Ion Ratio Lower Upper
184 100
63 86.4 71.8 107.6
154 61.6 55.7 83.5

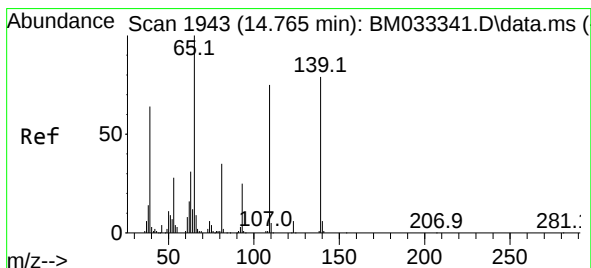
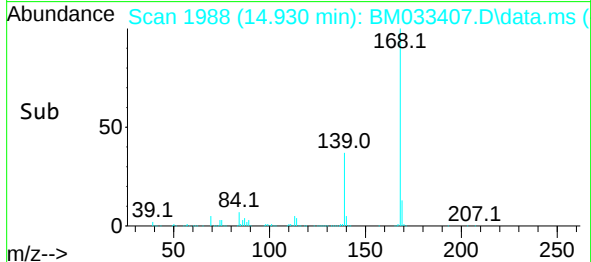
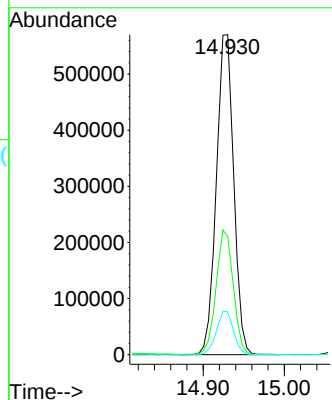
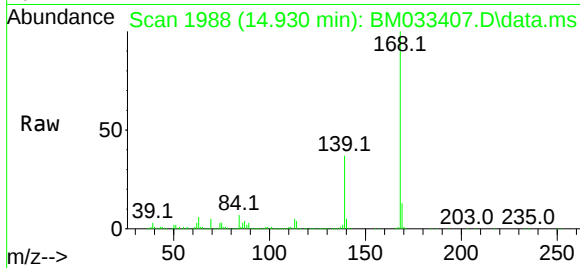




#55
Dibenzenofuran
Concen: 48.426 ng
RT: 14.930 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

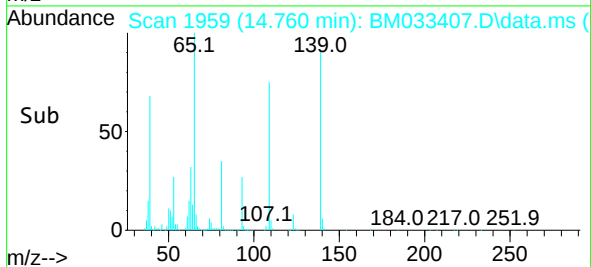
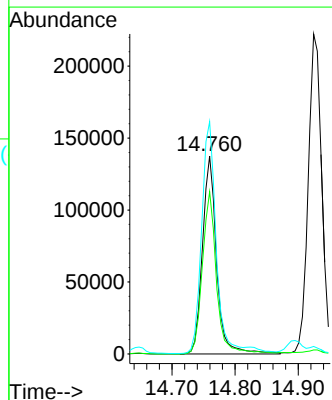
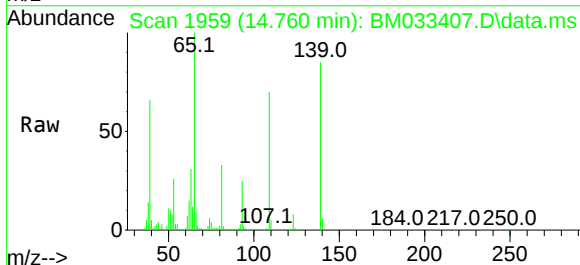
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

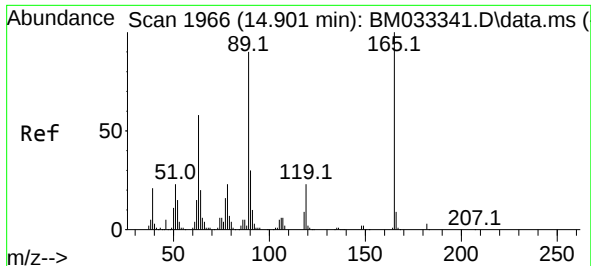
Tgt Ion:168 Resp: 848910
Ion Ratio Lower Upper
168 100
139 36.9 31.4 47.2
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 97.050 ng
RT: 14.760 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:139 Resp: 214111
Ion Ratio Lower Upper
139 100
109 82.0 75.3 115.3
65 117.4 107.4 147.4

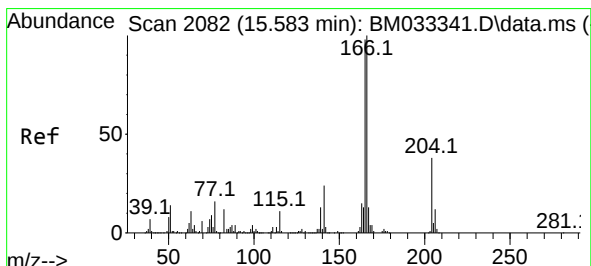
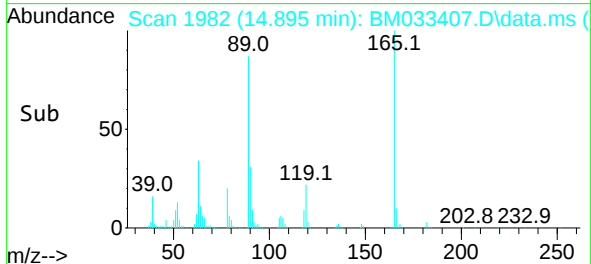
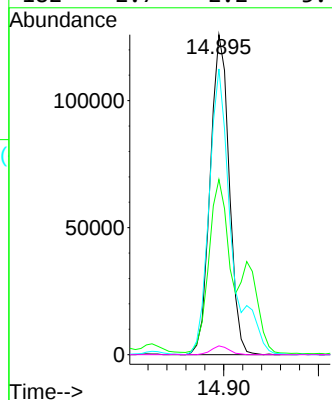
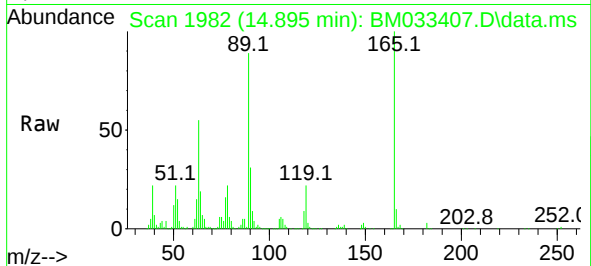




#57
2,4-Dinitrotoluene
Concen: 47.186 ng
RT: 14.895 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

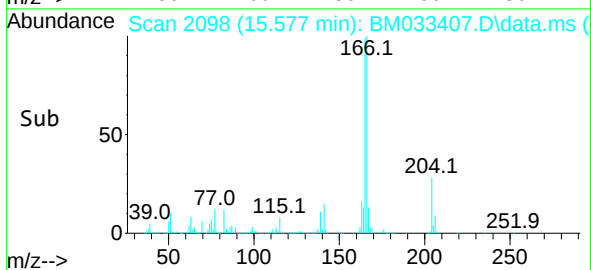
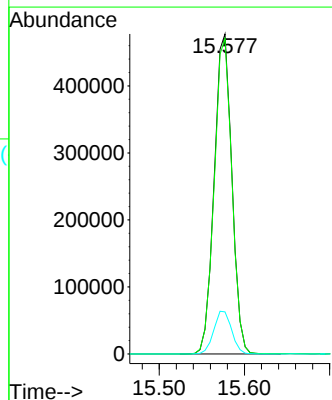
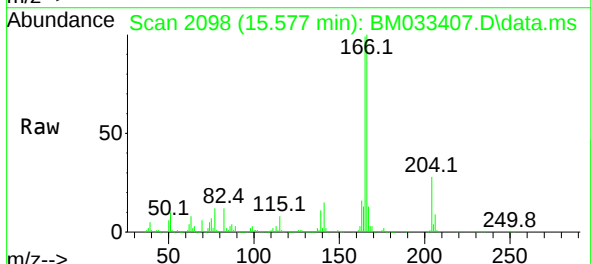
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

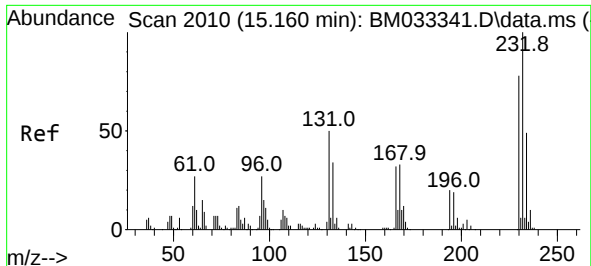
Tgt Ion:165 Resp: 174527
Ion Ratio Lower Upper
165 100
63 54.8 46.2 69.4
89 89.3 72.0 108.0
182 2.7 2.2 3.4



#58
Fluorene
Concen: 49.797 ng
RT: 15.577 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:166 Resp: 687013
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 13.1 10.6 15.8

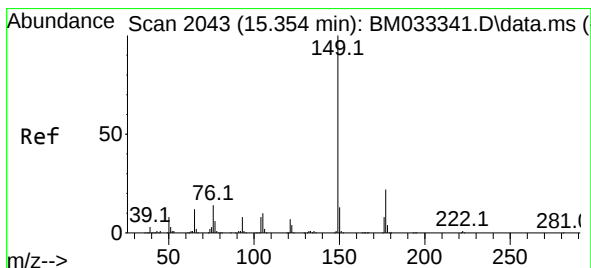
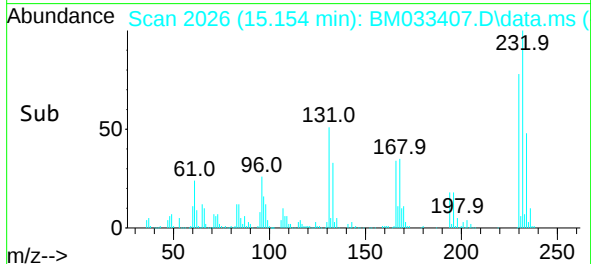
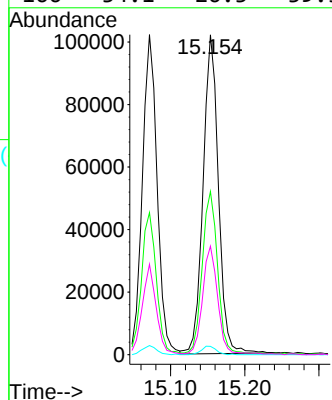
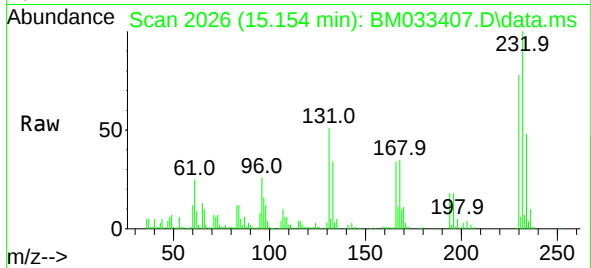




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.630 ng
RT: 15.154 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

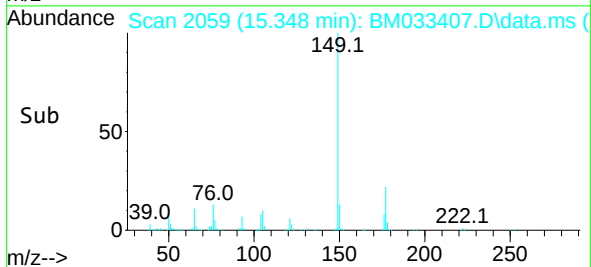
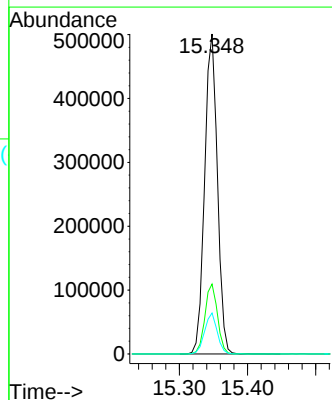
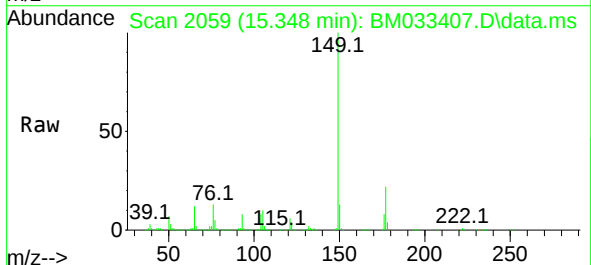
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

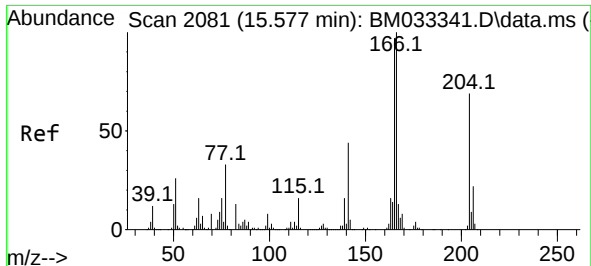
Tgt Ion:232 Resp: 146445
Ion Ratio Lower Upper
232 100
131 51.1 41.4 62.0
130 2.6 2.4 3.6
166 34.1 26.3 39.5



#60
Diethylphthalate
Concen: 46.920 ng
RT: 15.348 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:149 Resp: 650371
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.8 10.3 15.5

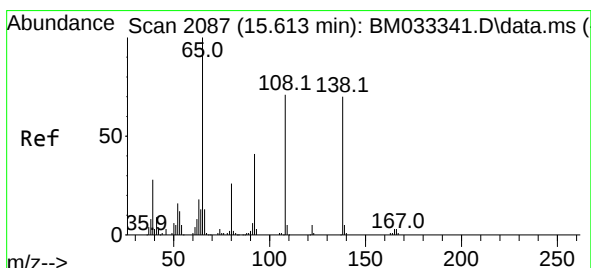
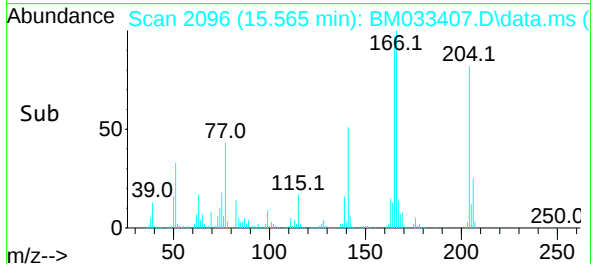
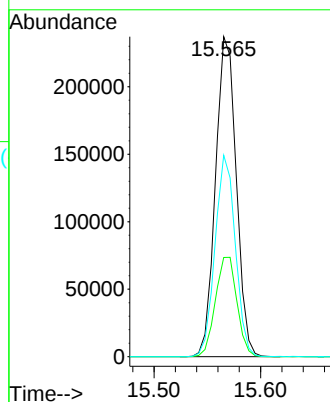
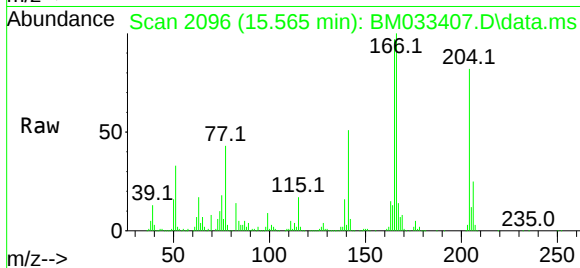




#61
4-Chlorophenyl-phenylether
Concen: 45.560 ng
RT: 15.565 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

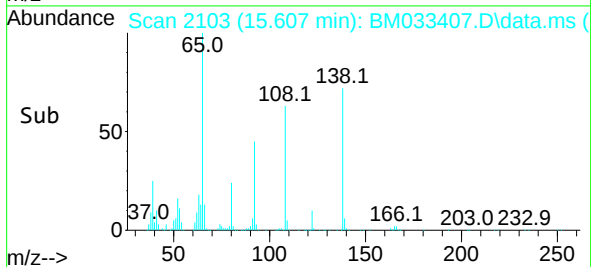
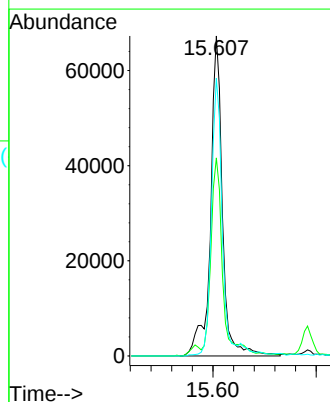
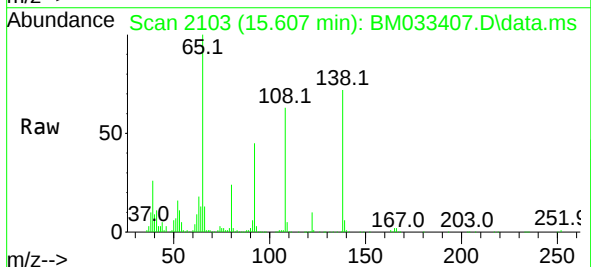
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

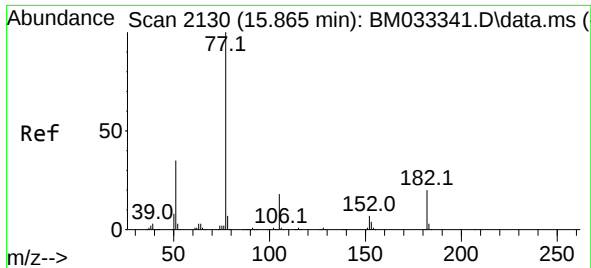
Tgt Ion:204 Resp: 320353
Ion Ratio Lower Upper
204 100
206 31.0 25.4 38.2
141 63.0 50.6 76.0



#62
4-Nitroaniline
Concen: 35.254 ng
RT: 15.607 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:138 Resp: 108240
Ion Ratio Lower Upper
138 100
92 61.9 38.7 78.7
108 86.8 81.9 121.9

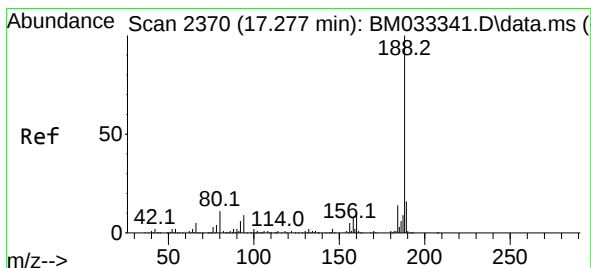
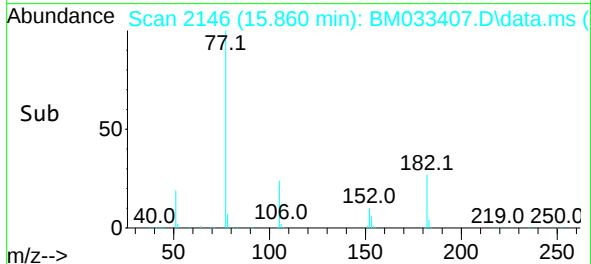
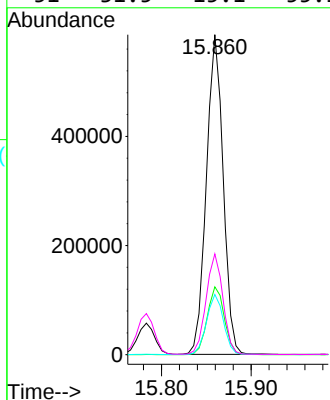
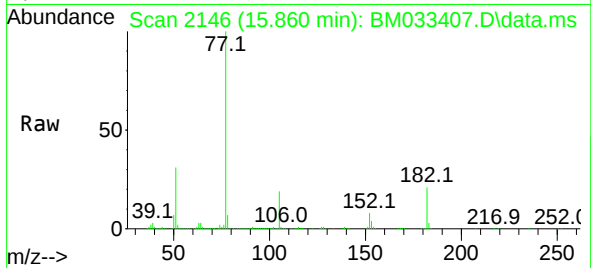




#63
Azobenzene
Concen: 47.572 ng
RT: 15.860 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

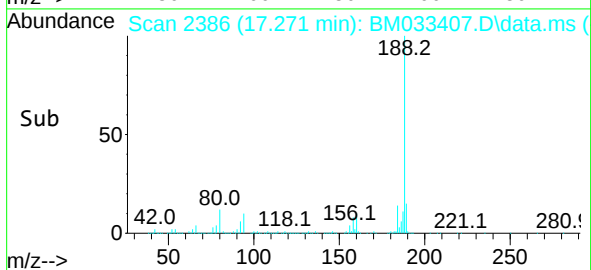
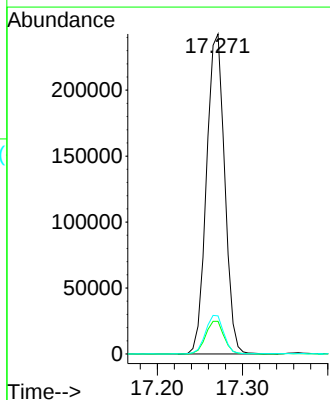
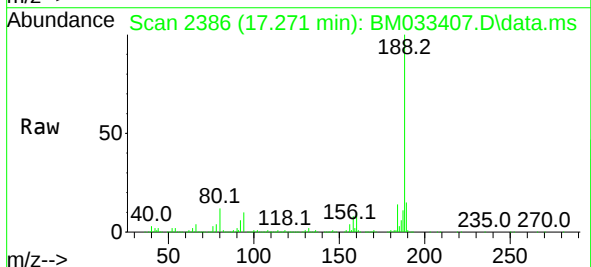
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

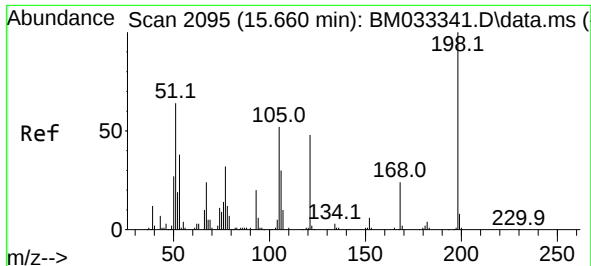
Tgt Ion: 77	Resp: 761724
Ion Ratio	Lower Upper
77 100	
182 21.2	0.3 40.3
105 18.8	0.0 38.3
51 31.5	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.271 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:188	Resp: 358529
Ion Ratio	Lower Upper
188 100	
94 10.2	7.5 11.3
80 11.9	8.9 13.3

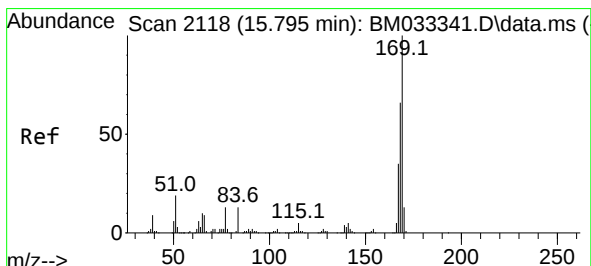
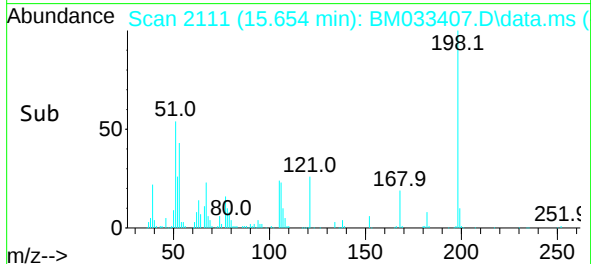
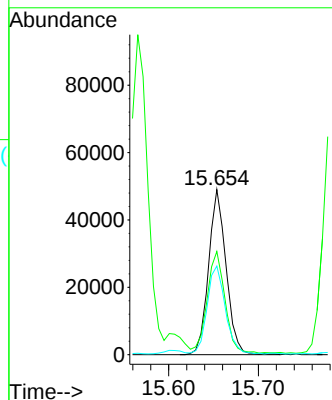
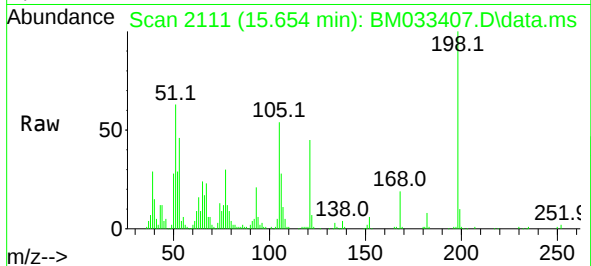




#65
4,6-Dinitro-2-methylphenol
Concen: 32.835 ng
RT: 15.654 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

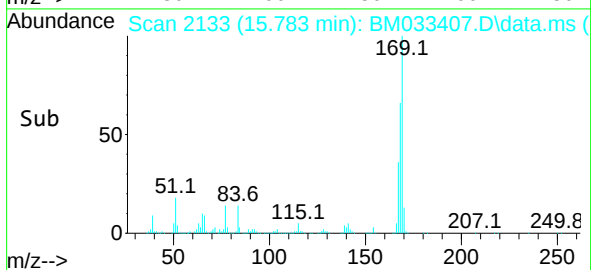
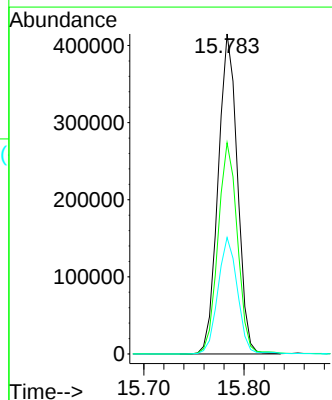
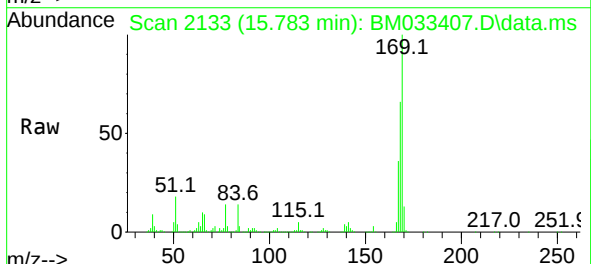
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

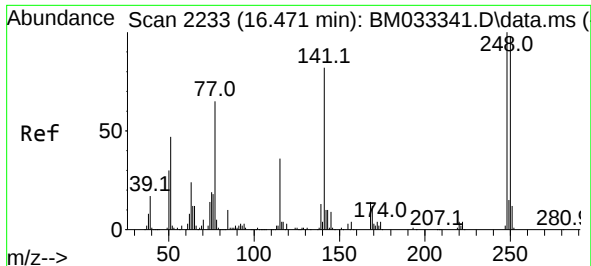
Tgt Ion:198 Resp: 66520
Ion Ratio Lower Upper
198 100
51 62.6 47.9 87.9
105 53.7 32.6 72.6



#66
n-Nitrosodiphenylamine
Concen: 50.966 ng
RT: 15.783 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:169 Resp: 553409
Ion Ratio Lower Upper
169 100
168 66.0 52.5 78.7
167 36.4 28.4 42.6

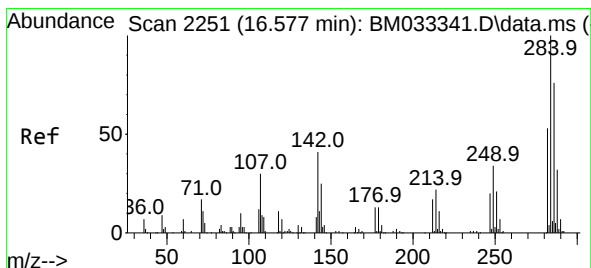
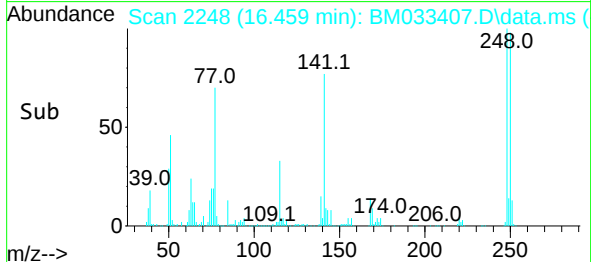
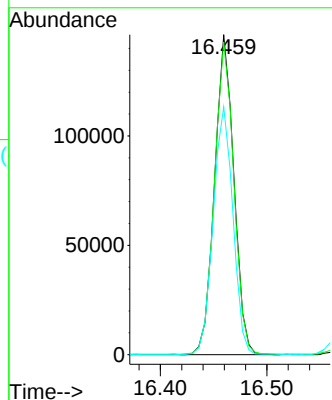
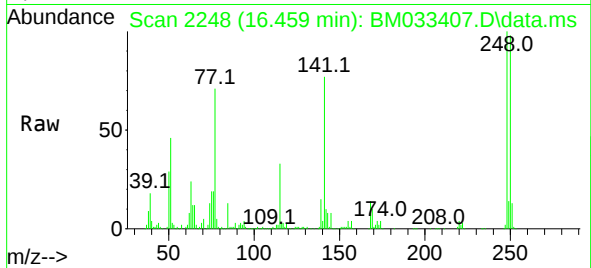




#67
4-Bromophenyl-phenylether
Concen: 48.743 ng
RT: 16.459 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

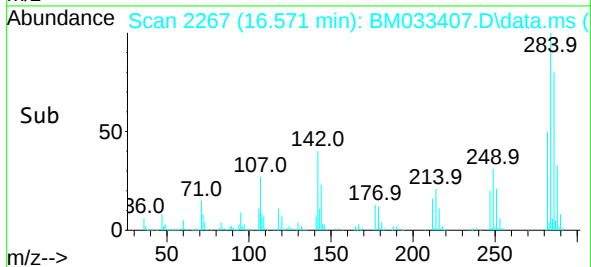
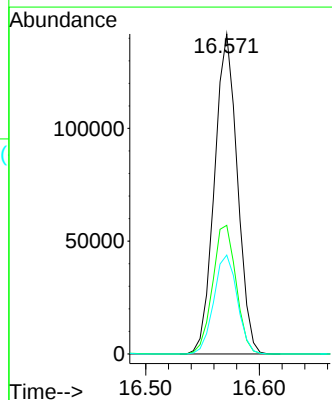
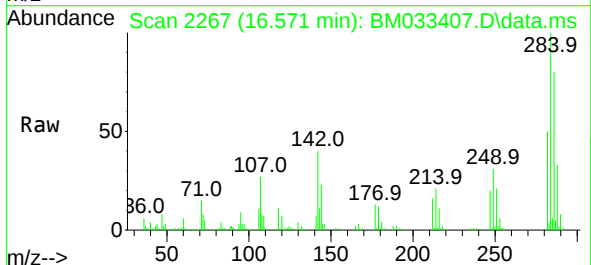
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

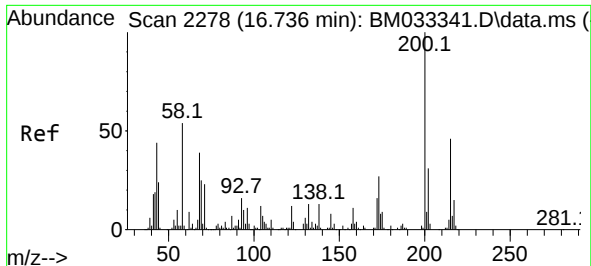
Tgt Ion:248 Resp: 183608
Ion Ratio Lower Upper
248 100
250 97.7 78.2 117.2
141 77.4 65.4 98.2



#68
Hexachlorobenzene
Concen: 48.668 ng
RT: 16.571 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:284 Resp: 198674
Ion Ratio Lower Upper
284 100
142 40.2 33.1 49.7
249 30.9 27.3 40.9

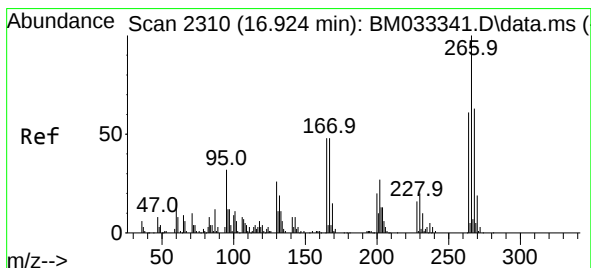
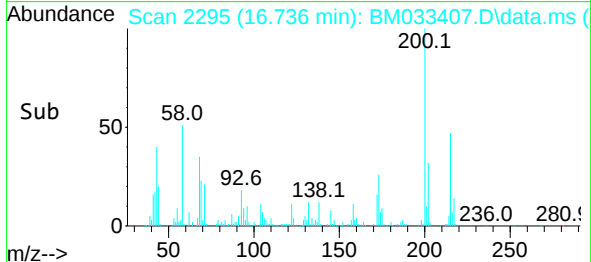
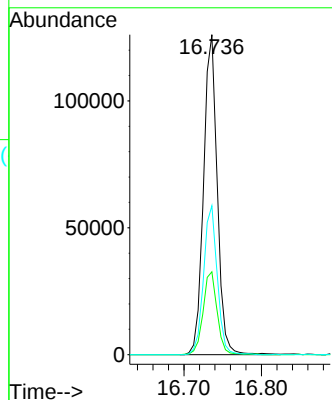
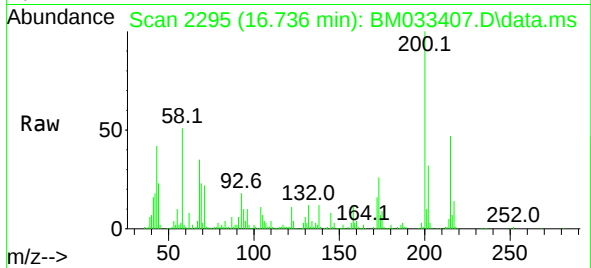




#69
 Atrazine
 Concen: 69.747 ng
 RT: 16.736 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033407.D
 Acq: 10 Dec 2021 22:50

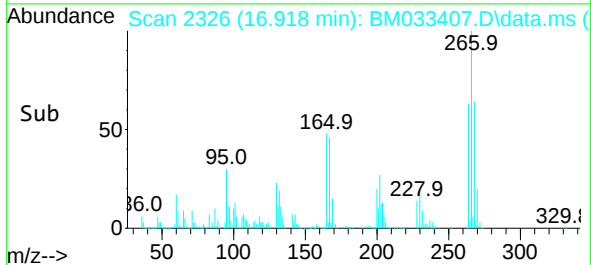
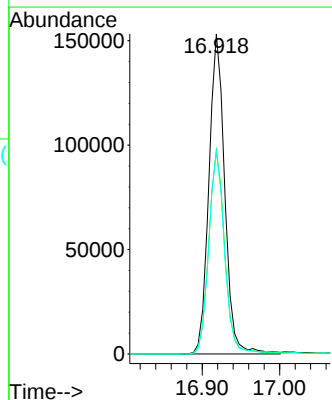
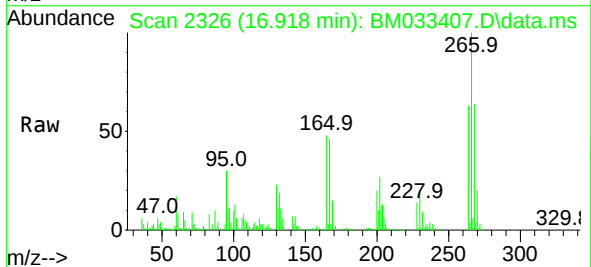
Instrument :
 BNA_M
 ClientSampleId :
 PH1-BOT-6MS

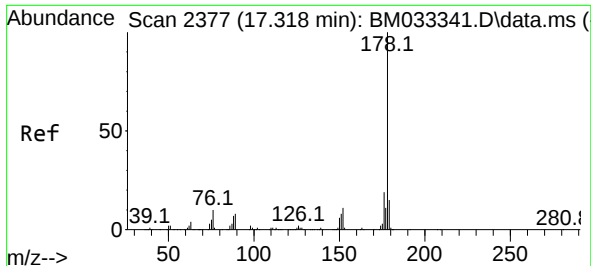
Tgt Ion:200 Resp: 154927
 Ion Ratio Lower Upper
 200 100
 173 25.9 7.3 47.3
 215 46.5 25.7 65.7



#70
 Pentachlorophenol
 Concen: 96.943 ng
 RT: 16.918 min Scan# 2326
 Delta R.T. -0.006 min
 Lab File: BM033407.D
 Acq: 10 Dec 2021 22:50

Tgt Ion:266 Resp: 217459
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.1 75.1
 264 63.2 49.1 73.7

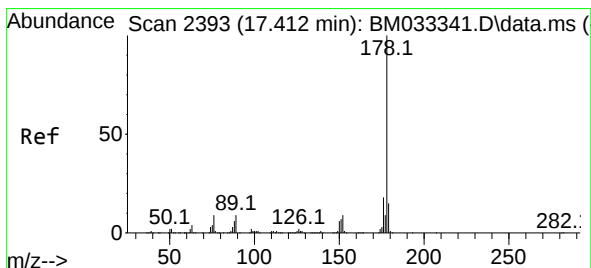
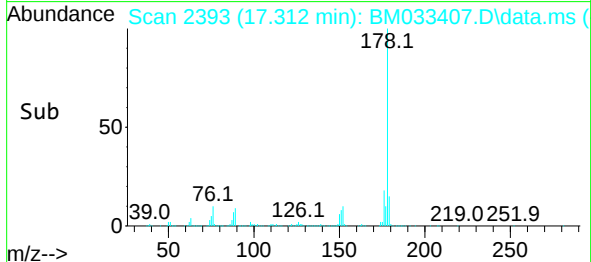
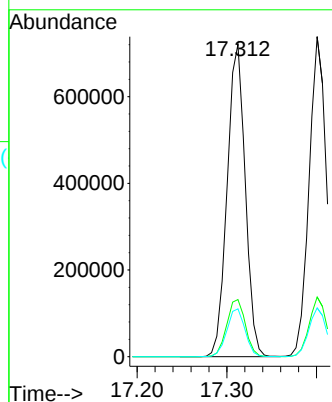
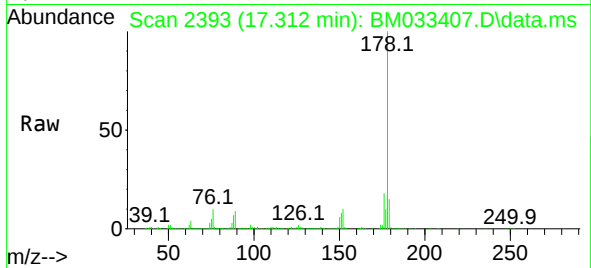




#71
Phenanthrene
Concen: 50.301 ng
RT: 17.312 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

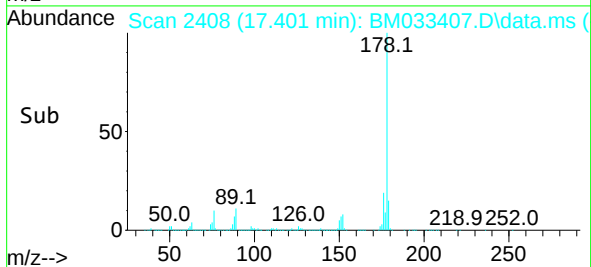
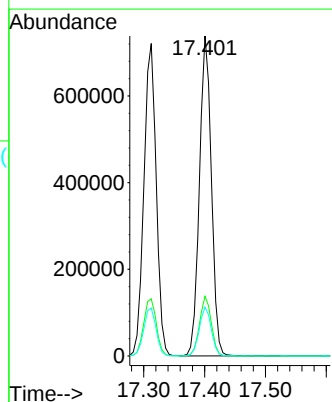
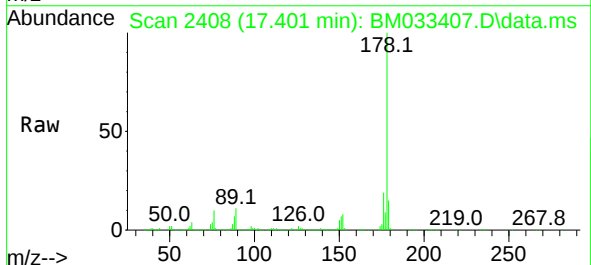
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

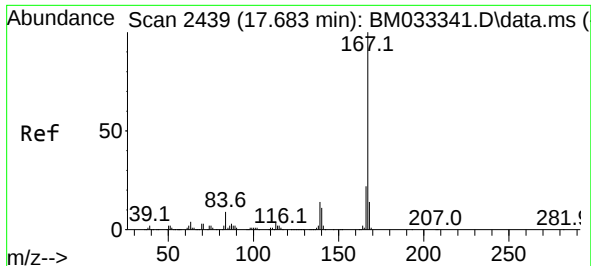
Tgt Ion:178 Resp: 1009674
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 51.165 ng
RT: 17.401 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:178 Resp: 1003399
Ion Ratio Lower Upper
178 100
176 18.6 14.5 21.7
179 15.2 11.9 17.9

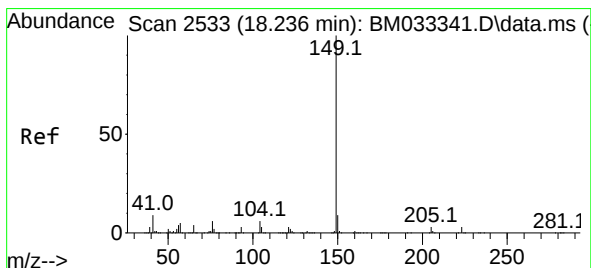
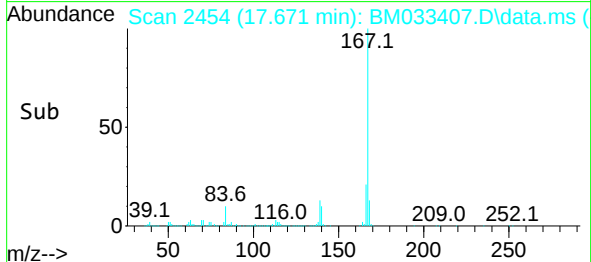
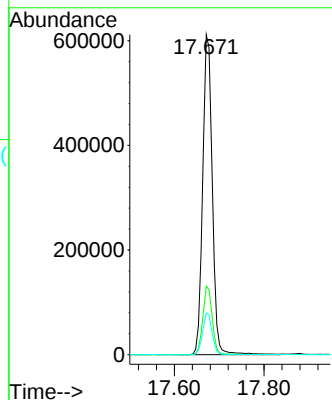
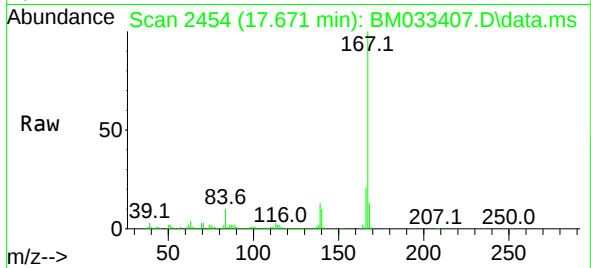




#73
 Carbazole
 Concen: 48.207 ng
 RT: 17.671 min Scan# 2439
 Delta R.T. -0.012 min
 Lab File: BM033407.D
 Acq: 10 Dec 2021 22:50

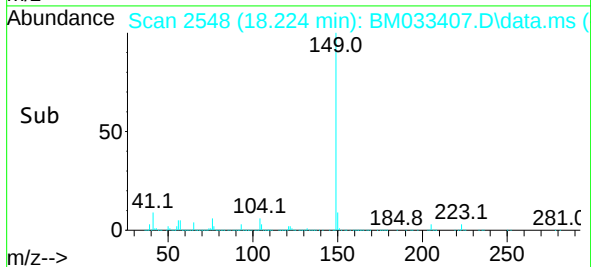
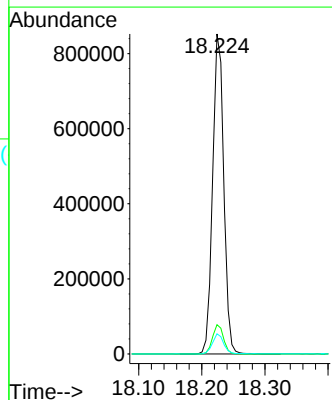
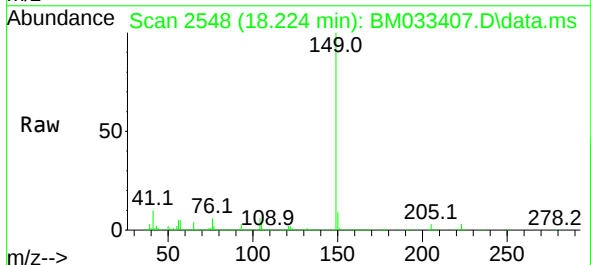
Instrument :
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 ClientSampleId :
 PH1-BOT-6MS

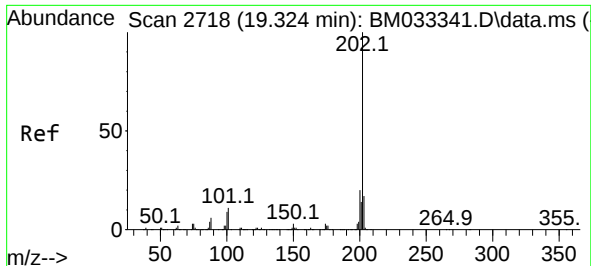
Tgt Ion:167 Resp: 910885
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 50.187 ng
 RT: 18.224 min Scan# 2548
 Delta R.T. -0.012 min
 Lab File: BM033407.D
 Acq: 10 Dec 2021 22:50

Tgt Ion:149 Resp: 1037376
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 6.3 4.6 6.8

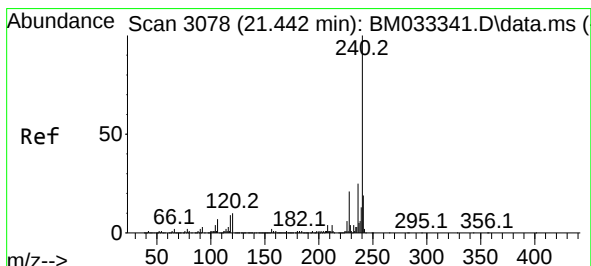
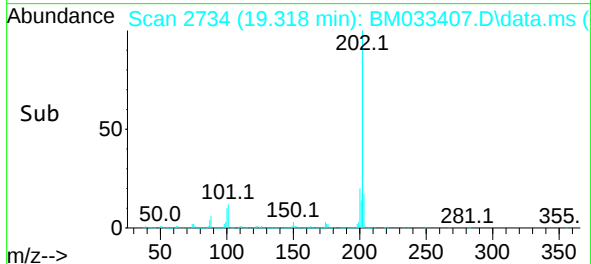
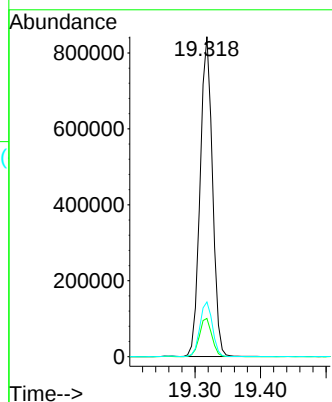
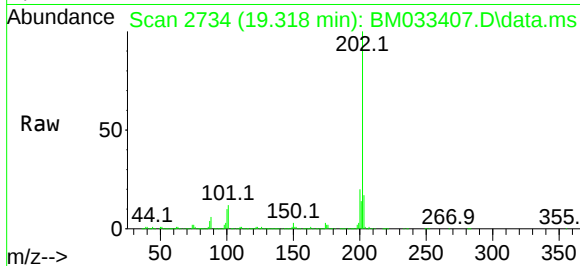




#75
Fluoranthene
Concen: 49.565 ng
RT: 19.318 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

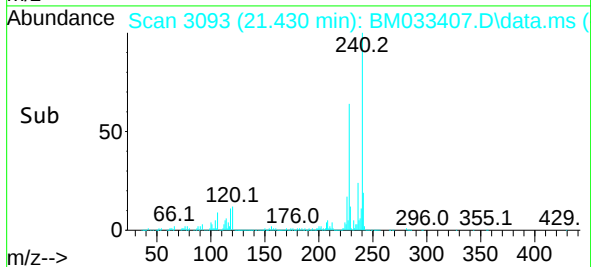
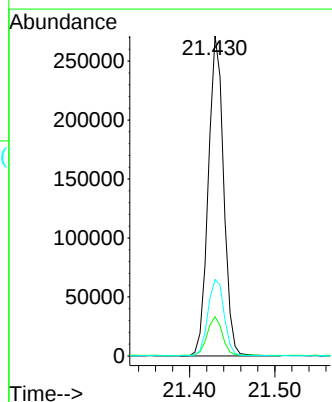
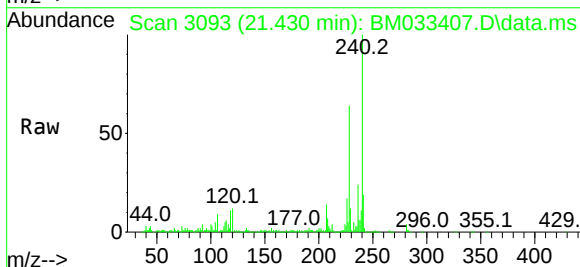
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

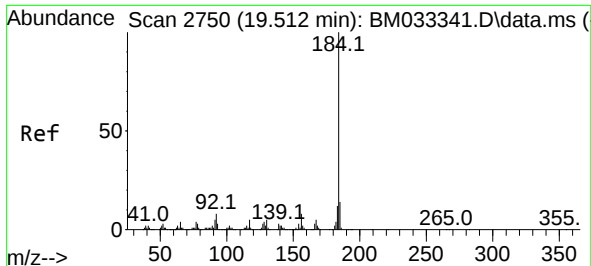
Tgt Ion:202 Resp: 1105876
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.8
203 17.1 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:240 Resp: 339684
Ion Ratio Lower Upper
240 100
120 12.2 7.8 11.6#
236 23.9 20.3 30.5

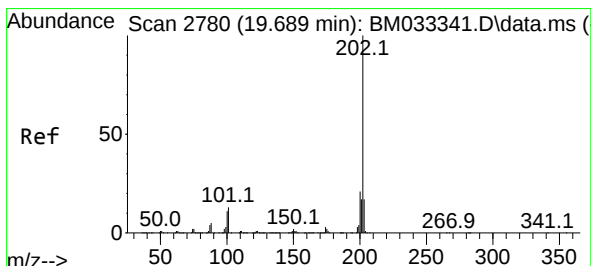
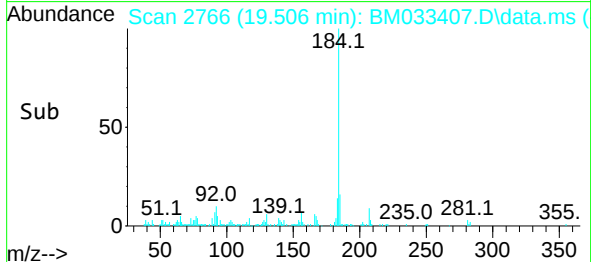
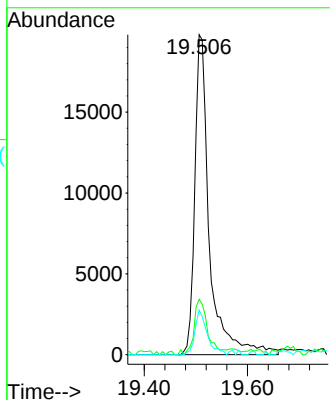
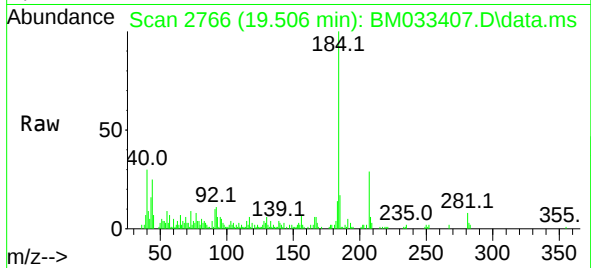




#77
Benzidine
Concen: 8.463 ng
RT: 19.506 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

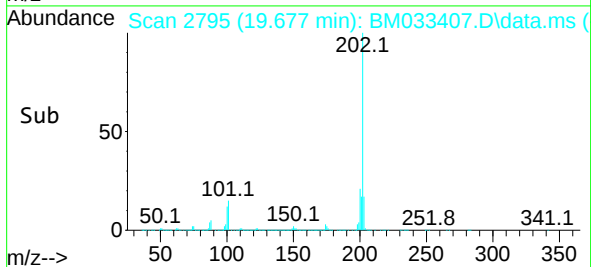
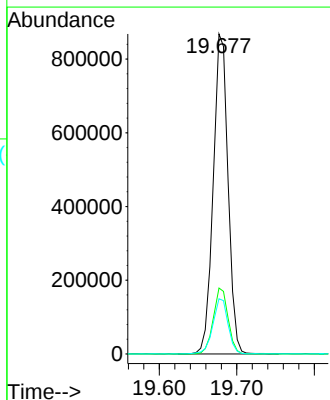
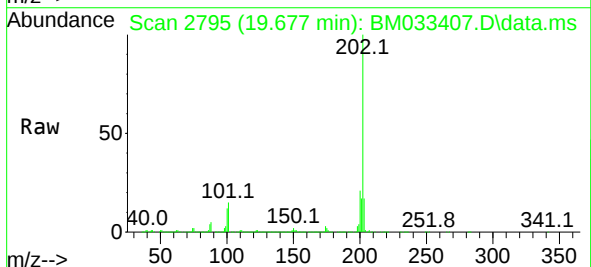
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BNA_M
ClientSampleId :
PH1-BOT-6MS

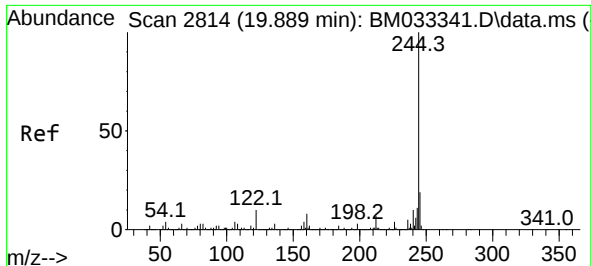
Tgt Ion:184 Resp: 38750
Ion Ratio Lower Upper
184 100
185 17.3 11.4 17.0#
183 13.9 9.7 14.5



#78
Pyrene
Concen: 48.363 ng
RT: 19.677 min Scan# 2795
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:202 Resp: 1150550
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 17.3 13.5 20.3

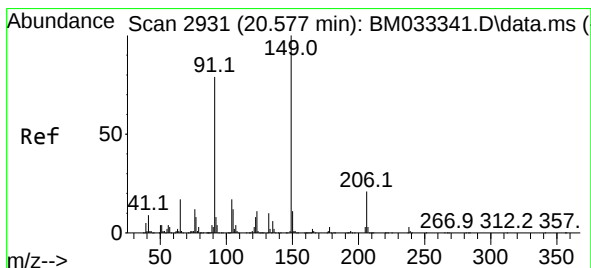
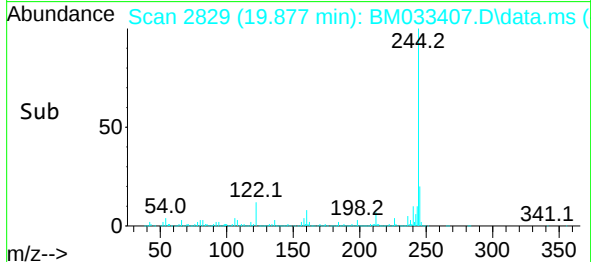
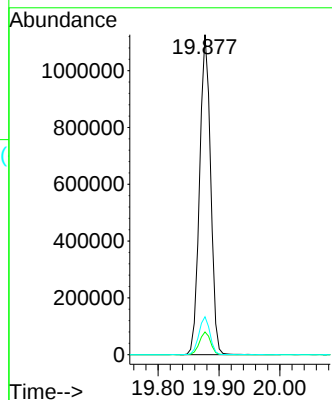
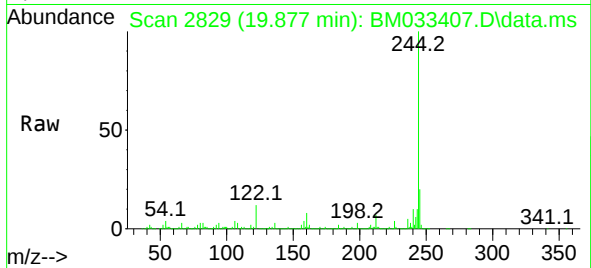




#79
 Terphenyl-d14
 Concen: 77.331 ng
 RT: 19.877 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033407.D
 Acq: 10 Dec 2021 22:50

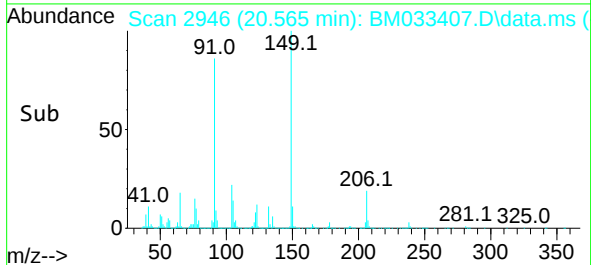
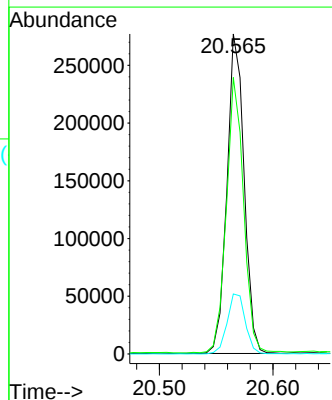
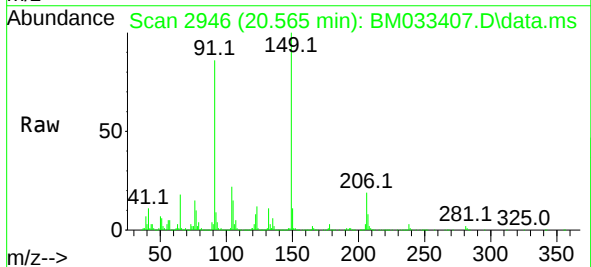
Instrument :
 BNA_M
 ClientSampleId :
 PH1-BOT-6MS

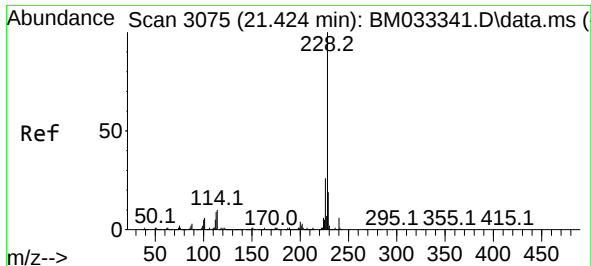
Tgt Ion:244 Resp: 1417836
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.8 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 31.026 ng
 RT: 20.565 min Scan# 2946
 Delta R.T. -0.012 min
 Lab File: BM033407.D
 Acq: 10 Dec 2021 22:50

Tgt Ion:149 Resp: 291067
 Ion Ratio Lower Upper
 149 100
 91 86.4 63.4 95.0
 206 18.8 16.8 25.2

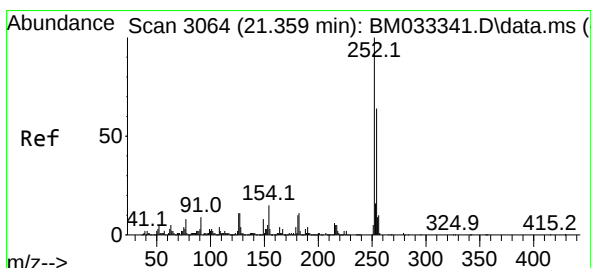
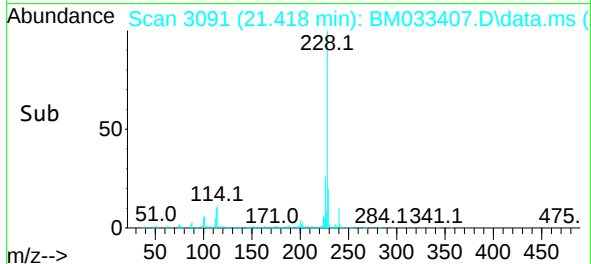
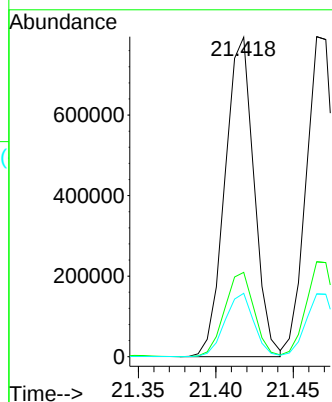
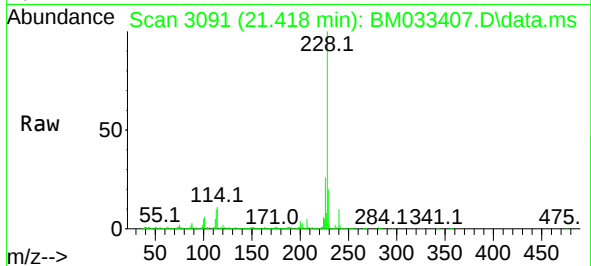




#81
Benzo(a)anthracene
Concen: 46.424 ng
RT: 21.418 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

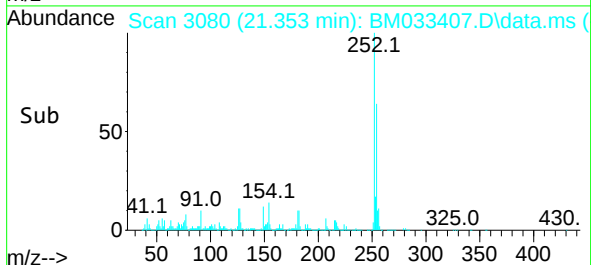
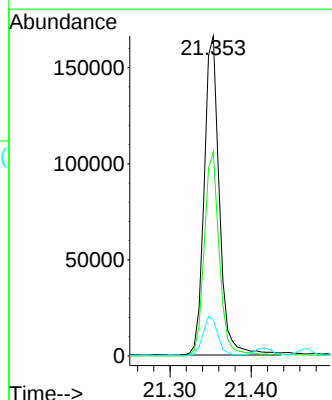
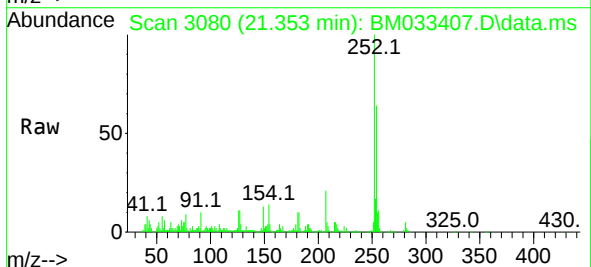
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

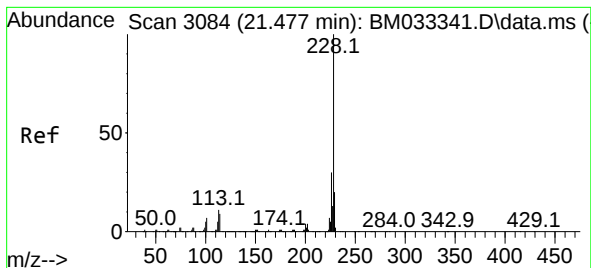
Tgt Ion:228 Resp: 1035625
Ion Ratio Lower Upper
228 100
226 26.4 21.0 31.6
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 21.328 ng
RT: 21.353 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:252 Resp: 215508
Ion Ratio Lower Upper
252 100
254 63.8 50.9 76.3
126 11.3 8.8 13.2





#83

Chrysene

Concen: 47.649 ng

RT: 21.465 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-6MS

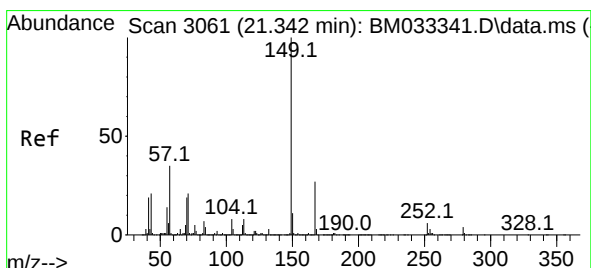
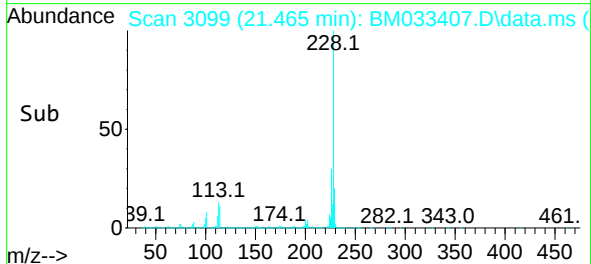
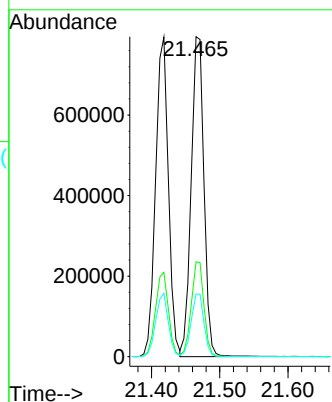
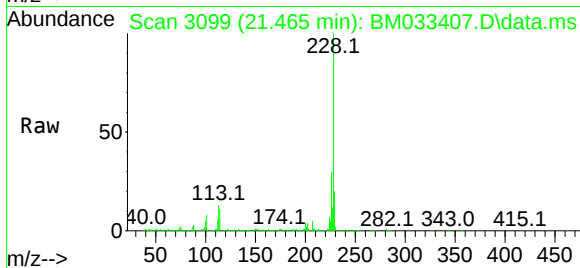
Tgt Ion:228 Resp: 1027151

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.554 ng

RT: 21.336 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

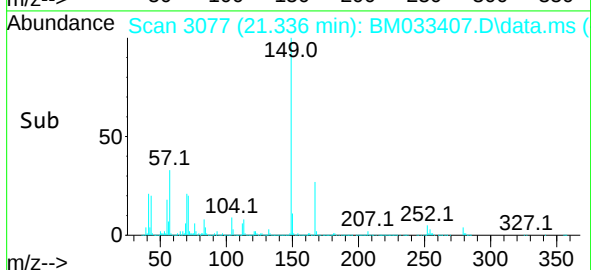
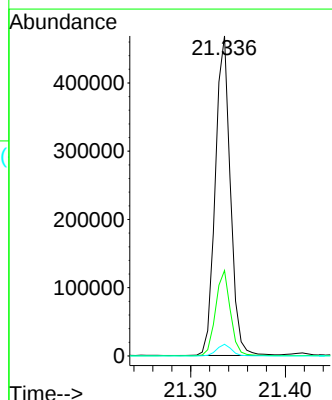
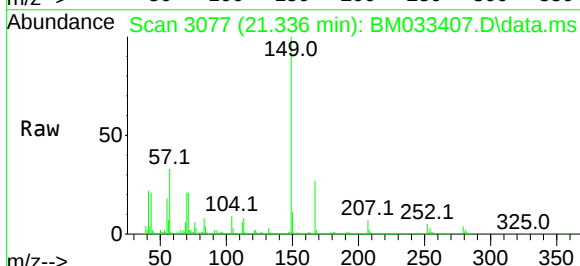
Tgt Ion:149 Resp: 519407

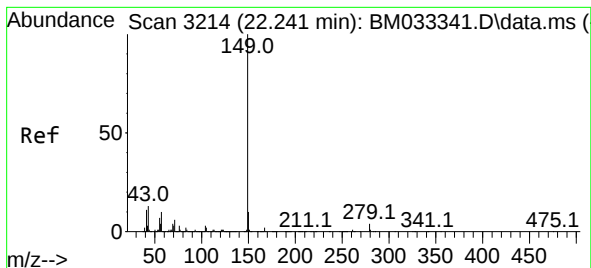
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 43.897 ng

RT: 22.236 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-6MS

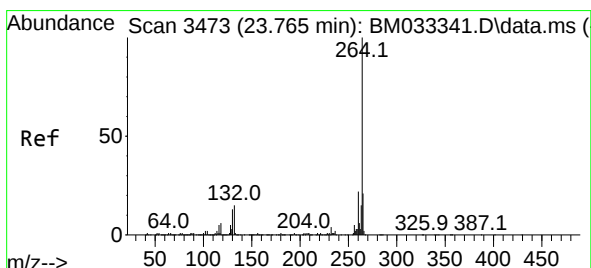
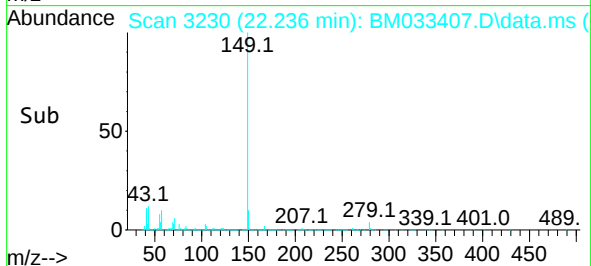
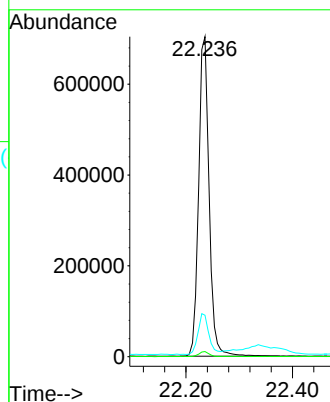
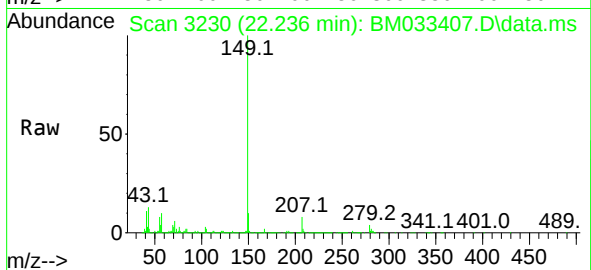
Tgt Ion:149 Resp: 961263

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.3 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.747 min Scan# 3487

Delta R.T. -0.018 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

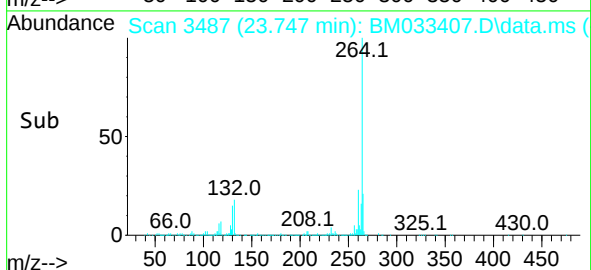
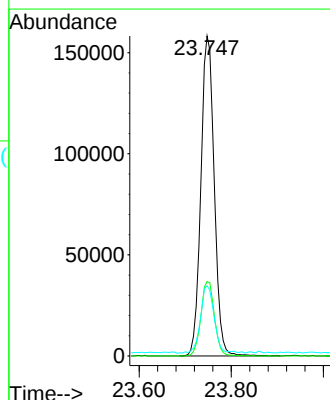
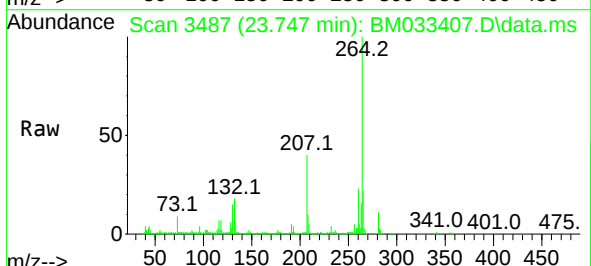
Tgt Ion:264 Resp: 320837

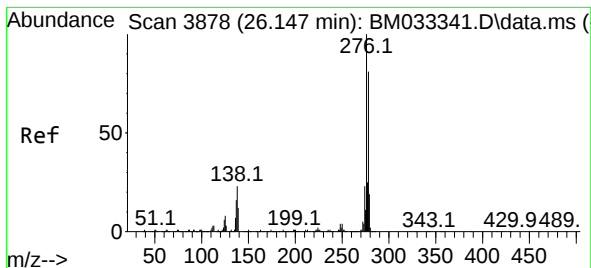
Ion Ratio Lower Upper

264 100

260 23.2 17.7 26.5

265 22.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.383 ng

RT: 26.124 min Scan# 3

Delta R.T. -0.024 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-6MS

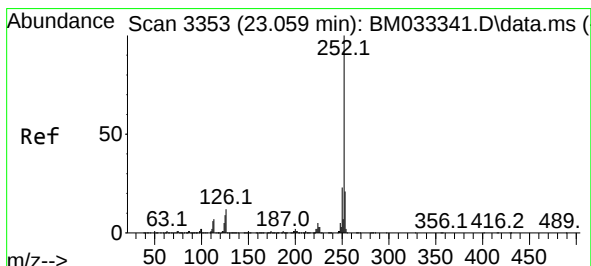
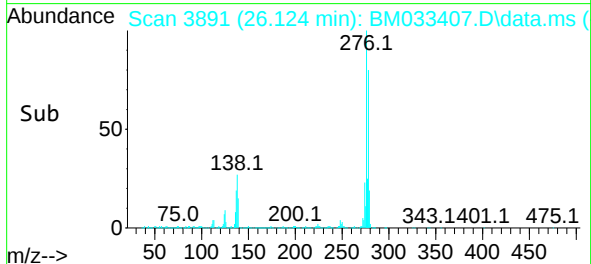
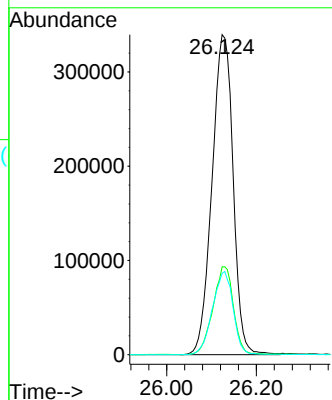
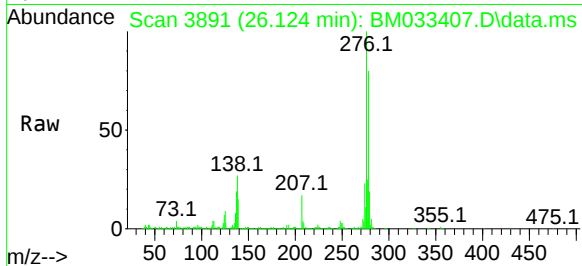
Tgt Ion:276 Resp: 1108703

Ion Ratio Lower Upper

276 100

138 26.8 18.7 28.1

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 52.093 ng

RT: 23.047 min Scan# 3368

Delta R.T. -0.012 min

Lab File: BM033407.D

Acq: 10 Dec 2021 22:50

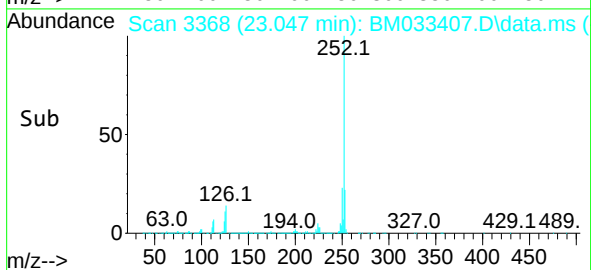
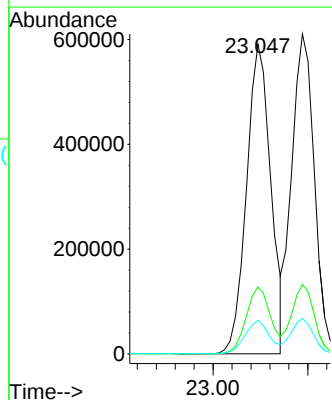
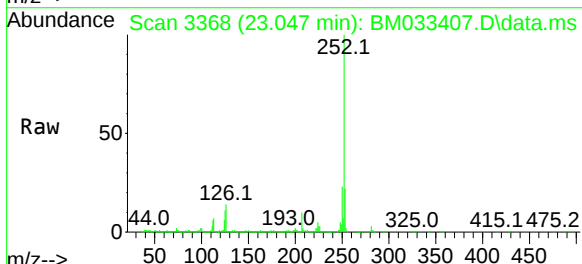
Tgt Ion:252 Resp: 1052340

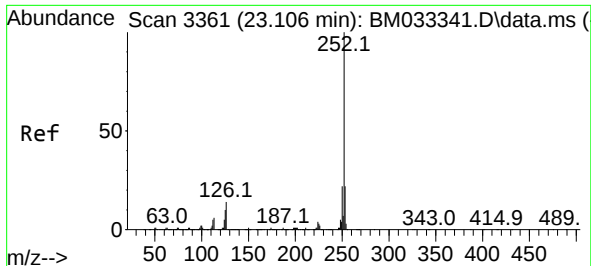
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.9 7.4 11.2

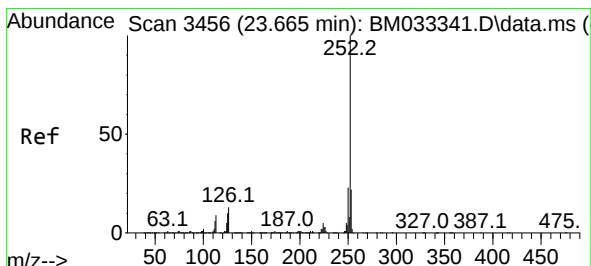
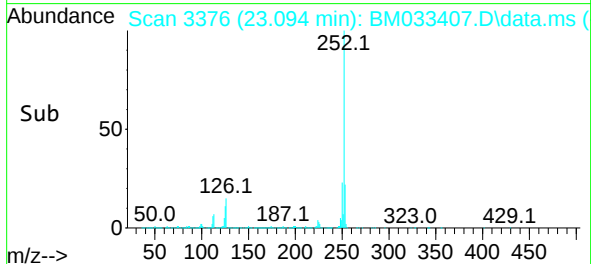
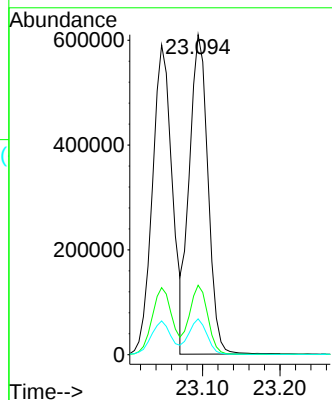
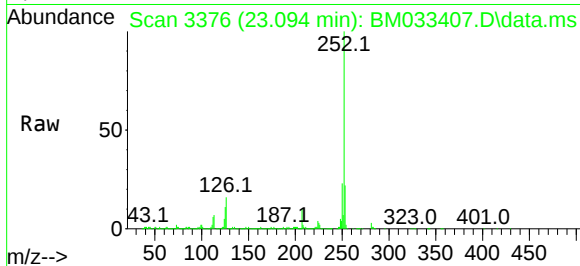




#89
Benzo(k)fluoranthene
Concen: 50.937 ng
RT: 23.094 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

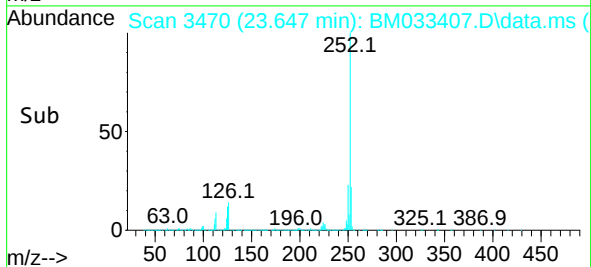
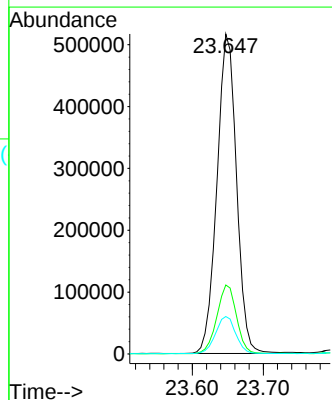
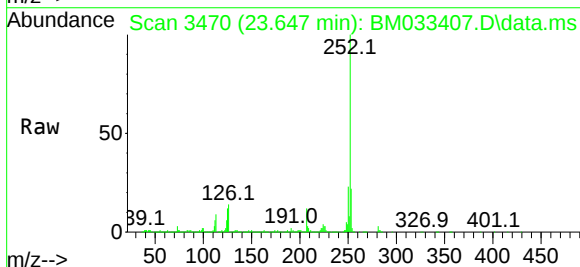
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

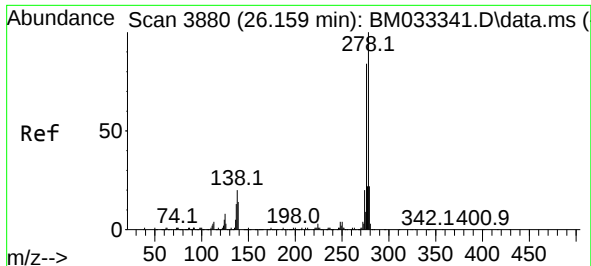
Tgt Ion:252 Resp: 1016451
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 11.2 8.1 12.1



#90
Benzo(a)pyrene
Concen: 59.151 ng
RT: 23.647 min Scan# 3470
Delta R.T. -0.018 min
Lab File: BM033407.D
Acq: 10 Dec 2021 22:50

Tgt Ion:252 Resp: 986647
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 11.7 7.8 11.8

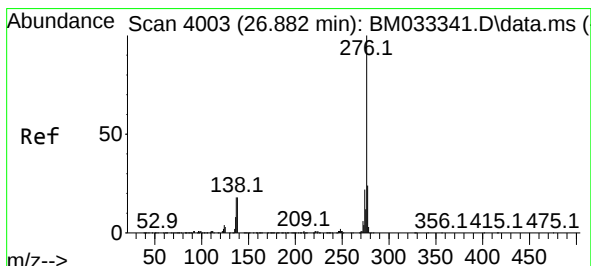
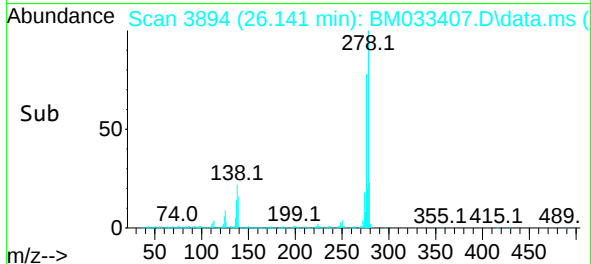
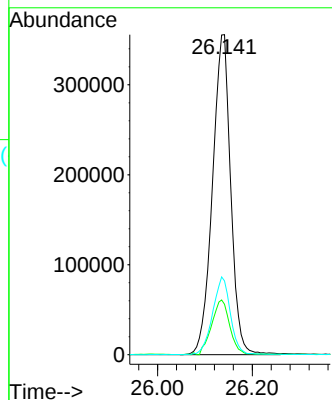
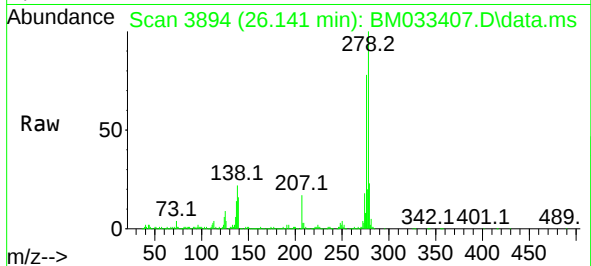




#91
 Dibenzo(a,h)anthracene
 Concen: 51.246 ng
 RT: 26.141 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BM033407.D
 Acq: 10 Dec 2021 22:50

Instrument :
 BNA_M
 ClientSampleId :
 PH1-BOT-6MS

Tgt Ion:278 Resp: 951527
 Ion Ratio Lower Upper
 278 100
 139 15.8 10.9 16.3
 279 23.1 17.7 26.5



#92
 Benzo(g,h,i)perylene
 Concen: 51.422 ng
 RT: 26.853 min Scan# 4015
 Delta R.T. -0.029 min
 Lab File: BM033407.D
 Acq: 10 Dec 2021 22:50

Tgt Ion:276 Resp: 933790
 Ion Ratio Lower Upper
 276 100
 277 23.1 19.1 28.7
 138 22.5 14.8 22.2#

