

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
 Data File : BM035325.D
 Acq On : 31 May 2022 13:39
 Operator : CG/JU
 Sample : PB145012BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145012BS

Quant Time: May 31 15:38:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:35:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	150097	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	575614	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	343501	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	638348	20.000	ng	0.00
76) Chrysene-d12	21.433	240	493730	20.000	ng	# 0.00
86) Perylene-d12	23.797	264	428915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1015575	124.928	ng	0.00
7) Phenol-d6	7.051	99	1212406	115.178	ng	0.00
23) Nitrobenzene-d5	9.028	82	784922	75.065	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	517124	116.046	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	2022240	81.640	ng	0.00
79) Terphenyl-d14	19.874	244	2529743	90.792	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	98101	30.813	ng	93
3) Pyridine	3.752	79	253037	30.549	ng	90
4) n-Nitrosodimethylamine	3.657	42	158701	39.339	ng	85
6) Aniline	7.193	93	426520	38.137	ng	98
8) 2-Chlorophenol	7.434	128	405337	44.309	ng	94
9) Benzaldehyde	7.010	77	38501	7.055	ng	98
10) Phenol	7.075	94	449319	43.799	ng	98
11) bis(2-Chloroethyl)ether	7.293	93	339879	42.386	ng	94
12) 1,3-Dichlorobenzene	7.757	146	445740	42.157	ng	96
13) 1,4-Dichlorobenzene	7.904	146	458169	42.428	ng	98
14) 1,2-Dichlorobenzene	8.222	146	436582	41.656	ng	99
15) Benzyl Alcohol	8.116	79	328667	43.898	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.404	45	425419	39.474	ng	94
17) 2-Methylphenol	8.322	107	310993	43.236	ng	97
18) Hexachloroethane	8.945	117	160053	43.268	ng	# 88
19) n-Nitroso-di-n-propyla...	8.681	70	265059	40.828	ng	90
20) 3+4-Methylphenols	8.651	107	419457	42.603	ng	97
22) Acetophenone	8.692	105	554531	40.482	ng	# 94
24) Nitrobenzene	9.069	77	397948	41.262	ng	97
25) Isophorone	9.604	82	707730	44.719	ng	96
26) 2-Nitrophenol	9.781	139	220550	44.320	ng	93
27) 2,4-Dimethylphenol	9.851	122	351426	50.420	ng	98
28) bis(2-Chloroethoxy)met...	10.081	93	440634	41.171	ng	99
29) 2,4-Dichlorophenol	10.328	162	391015	44.544	ng	98
30) 1,2,4-Trichlorobenzene	10.533	180	441189	42.100	ng	99
31) Naphthalene	10.716	128	1164509	41.518	ng	100
32) Benzoic acid	10.028	122	239157	38.650	ng	97
33) 4-Chloroaniline	10.833	127	235433	21.192	ng	98
34) Hexachlorobutadiene	11.010	225	291297	42.482	ng	100
35) Caprolactam	11.633	113	98140	40.744	ng	# 85
36) 4-Chloro-3-methylphenol	11.969	107	358220	41.076	ng	99
37) 2-Methylnaphthalene	12.327	142	826803	41.806	ng	98
38) 1-Methylnaphthalene	12.551	142	786258	40.669	ng	99
40) 1,2,4,5-Tetrachloroben...	12.704	216	503746	45.795	ng	# 97
41) Hexachlorocyclopentadiene	12.680	237	635877	94.500	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	321005	44.780	ng	99

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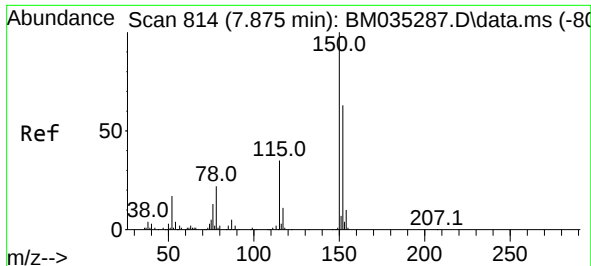
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	339892	44.575	ng	# 92
46) 1,1'-Biphenyl	13.345	154	1090696	43.094	ng	99
47) 2-Chloronaphthalene	13.386	162	847527	43.188	ng	99
48) 2-Nitroaniline	13.592	65	209237	42.731	ng	87
49) Acenaphthylene	14.227	152	1335433	45.640	ng	99
50) Dimethylphthalate	13.969	163	1014845	41.660	ng	99
51) 2,6-Dinitrotoluene	14.086	165	227356	45.465	ng	# 83
52) Acenaphthene	14.574	154	752801	42.247	ng	98
53) 3-Nitroaniline	14.416	138	135248	27.300	ng	95
54) 2,4-Dinitrophenol	14.633	184	272309	85.255	ng	# 78
55) Dibenzofuran	14.904	168	1224083	40.788	ng	96
56) 4-Nitrophenol	14.745	139	315719	82.659	ng	87
57) 2,4-Dinitrotoluene	14.880	165	297359	44.330	ng	86
58) Fluorene	15.557	166	975482	41.689	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.139	232	279276	41.382	ng	# 85
60) Diethylphthalate	15.333	149	977706	41.079	ng	98
61) 4-Chlorophenyl-phenyle...	15.551	204	534699	41.971	ng	91
62) 4-Nitroaniline	15.580	138	190266	38.025	ng	92
63) Azobenzene	15.839	77	785810	39.024	ng	94
65) 4,6-Dinitro-2-methylph...	15.645	198	172436	43.070	ng	85
66) n-Nitrosodiphenylamine	15.763	169	836401	45.493	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	326001	45.674	ng	# 89
68) Hexachlorobenzene	16.563	284	364256	45.812	ng	# 89
69) Atrazine	16.721	200	292716	47.834	ng	95
70) Pentachlorophenol	16.910	266	409568	89.185	ng	99
71) Phenanthrene	17.292	178	1424706	43.440	ng	100
72) Anthracene	17.386	178	1439507	44.964	ng	100
73) Carbazole	17.657	167	1216711	39.962	ng	98
74) Di-n-butylphthalate	18.221	149	1481024	41.925	ng	99
75) Fluoranthene	19.309	202	1548850	40.319	ng	98
77) Benzidine	19.492	184	514996	51.492	ng	100
78) Pyrene	19.674	202	1554147	47.980	ng	100
80) Butylbenzylphthalate	20.574	149	574870	46.401	ng	# 89
81) Benzo(a)anthracene	21.421	228	1373175	43.980	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	387024	50.067	ng	# 98
83) Chrysene	21.474	228	1269117	43.061	ng	99
84) Bis(2-ethylhexyl)phtha...	21.350	149	812839	46.404	ng	# 98
85) Di-n-octyl phthalate	22.268	149	1287873	44.318	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.250	276	1225198	41.926	ng	95
88) Benzo(b)fluoranthene	23.086	252	1259448	48.671	ng	98
89) Benzo(k)fluoranthene	23.086	252	1259448	49.262	ng	98
90) Benzo(a)pyrene	23.697	252	1150980	53.665	ng	# 98
91) Dibenzo(a,h)anthracene	26.268	278	1083211	44.623	ng	# 96
92) Benzo(g,h,i)perylene	27.003	276	1076613	44.469	ng	95

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

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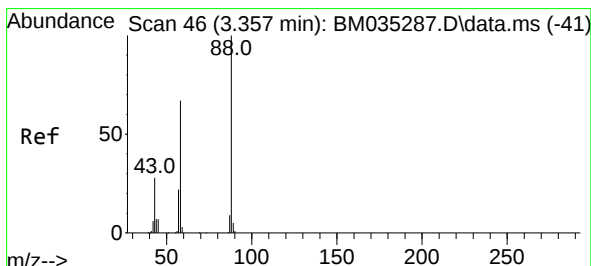
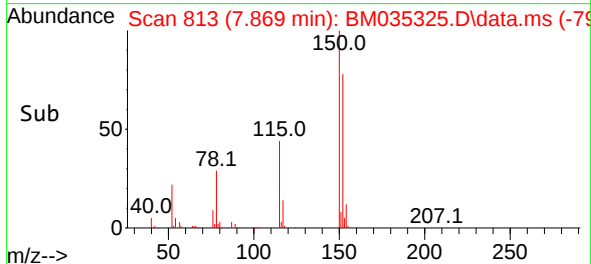
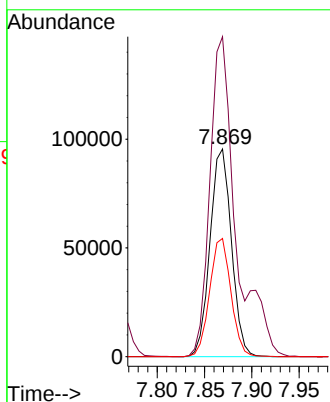
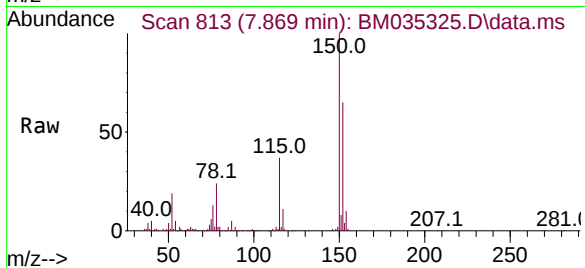




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

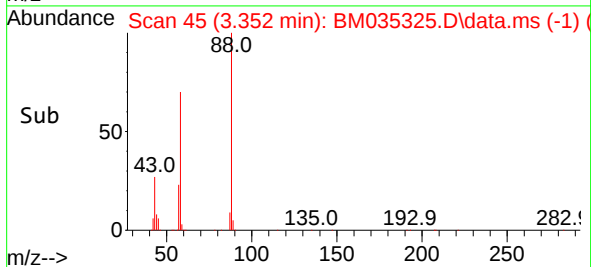
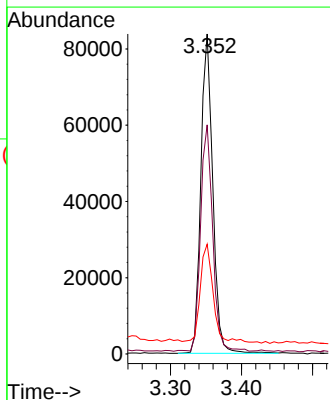
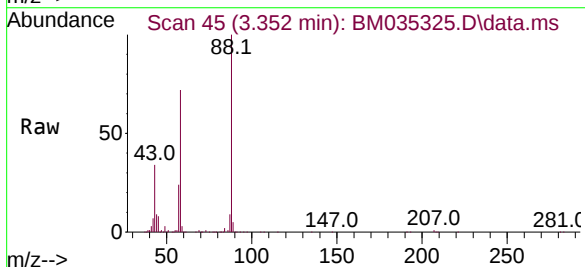
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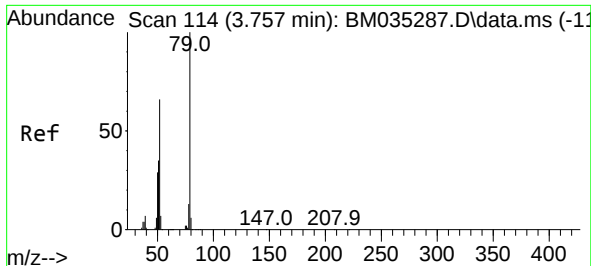
Tgt Ion:152 Resp: 150097
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 56.9 47.9 71.9



#2
1,4-Dioxane
Concen: 30.813 ng
RT: 3.352 min Scan# 45
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion: 88 Resp: 98101
Ion Ratio Lower Upper
88 100
58 72.2 62.3 93.5
43 31.1 28.7 43.1

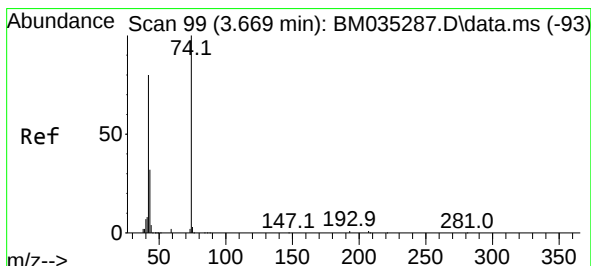
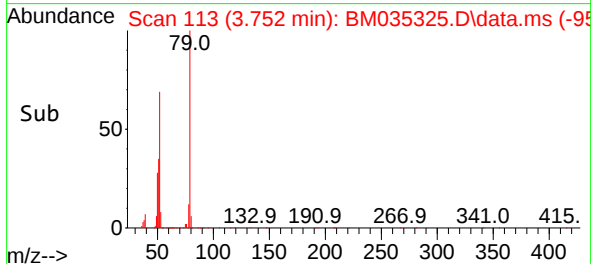
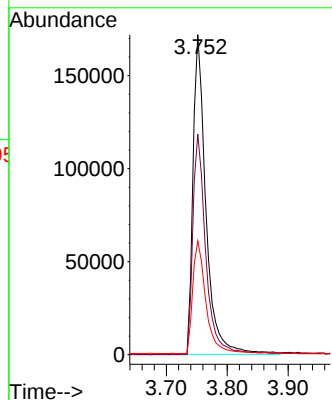
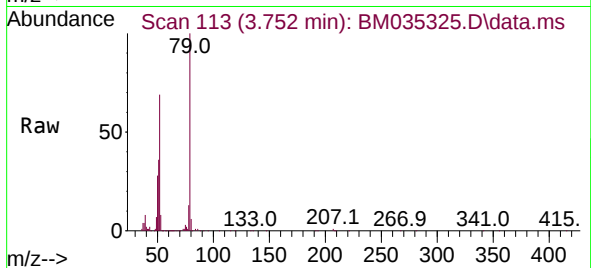




#3
Pyridine
Concen: 30.549 ng
RT: 3.752 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

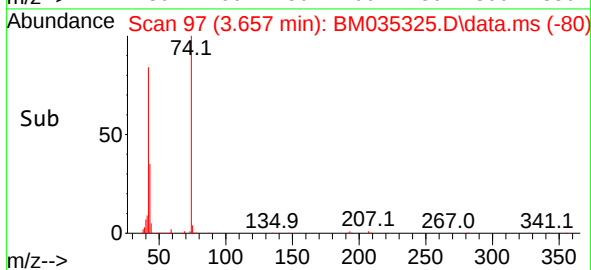
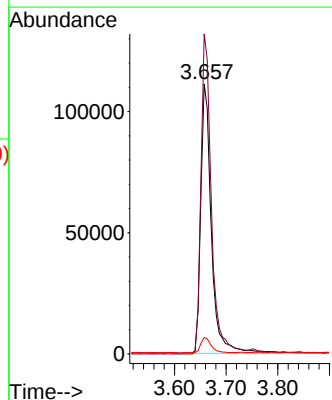
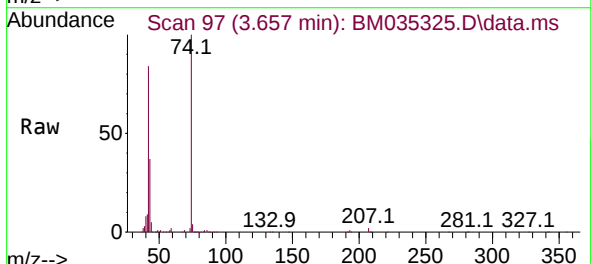
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ClientSampleId :
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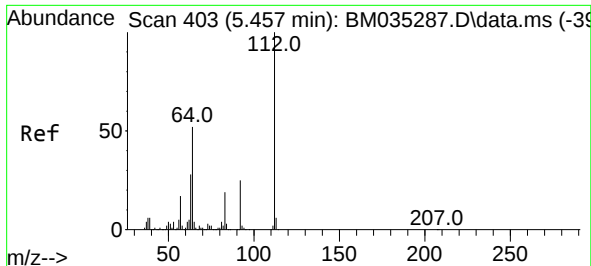
Tgt Ion: 79 Resp: 253037
Ion Ratio Lower Upper
79 100
52 68.9 61.9 92.9
51 35.5 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 39.339 ng
RT: 3.657 min Scan# 97
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion: 42 Resp: 158701
Ion Ratio Lower Upper
42 100
74 118.5 81.6 122.4
44 6.1 5.2 7.8

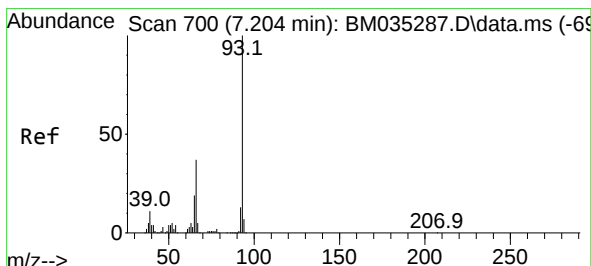
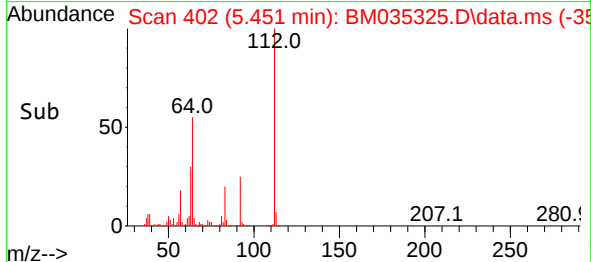
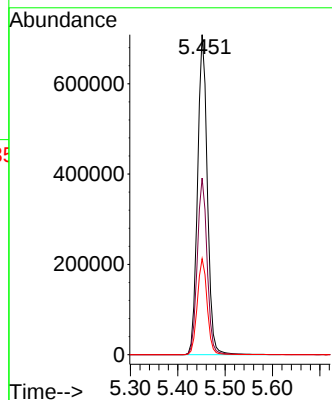
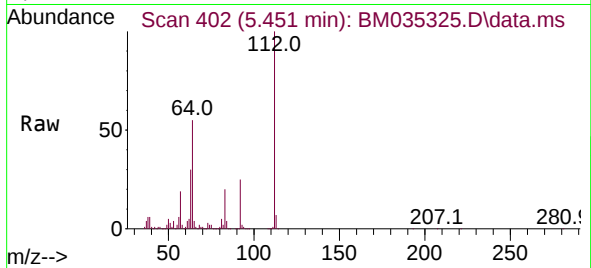




#5
2-Fluorophenol
Concen: 124.928 ng
RT: 5.451 min Scan# 403
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

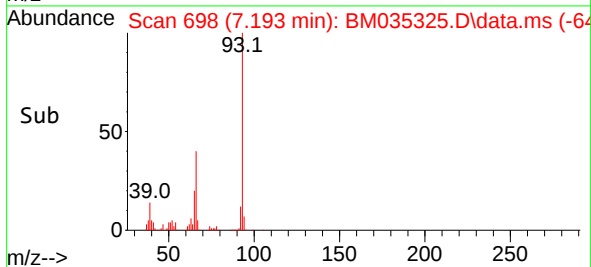
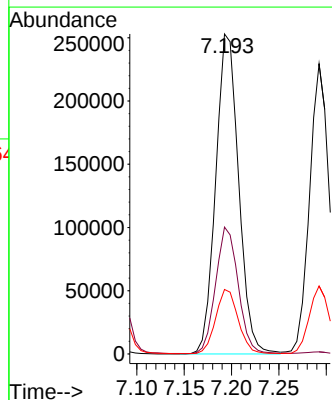
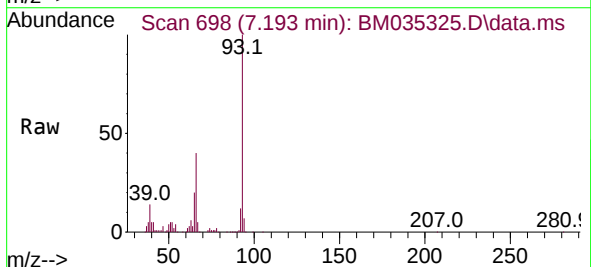
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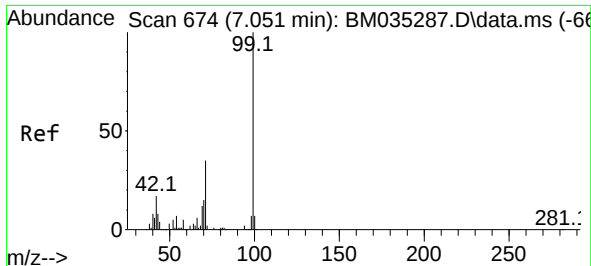
Tgt Ion:112 Resp: 1015575
Ion Ratio Lower Upper
112 100
64 55.2 47.8 71.6
63 30.0 26.6 40.0



#6
Aniline
Concen: 38.137 ng
RT: 7.193 min Scan# 698
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion: 93 Resp: 426520
Ion Ratio Lower Upper
93 100
66 39.6 32.6 49.0
65 20.2 16.8 25.2

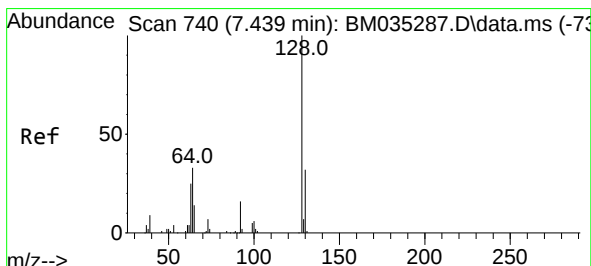
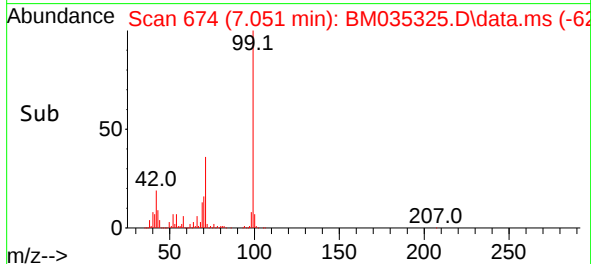
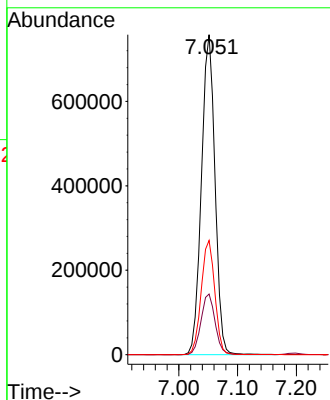
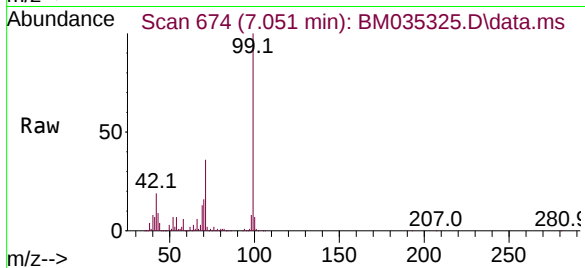




#7
Phenol-d6
Concen: 115.178 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

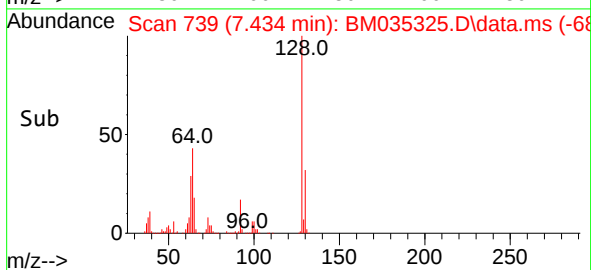
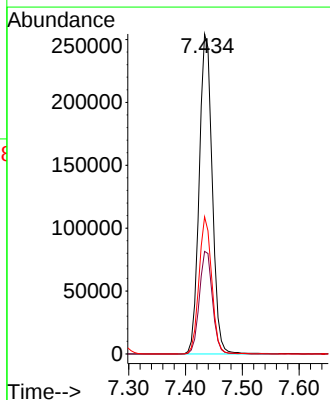
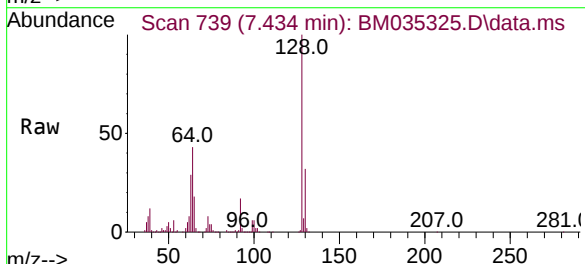
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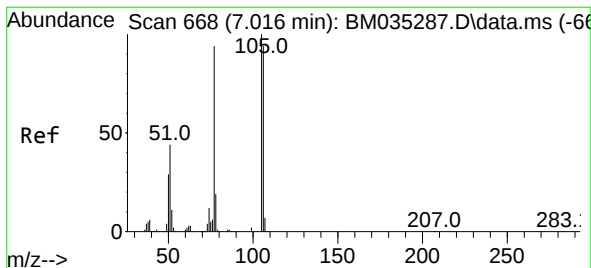
Tgt Ion: 99 Resp: 1212406
Ion Ratio Lower Upper
99 100
42 19.0 18.8 28.2
71 35.7 30.2 45.2



#8
2-Chlorophenol
Concen: 44.309 ng
RT: 7.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion: 128 Resp: 405337
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 42.8 28.2 68.2





#9

Benzaldehyde

Concen: 7.055 ng

RT: 7.010 min Scan# 667

Delta R.T. 0.006 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

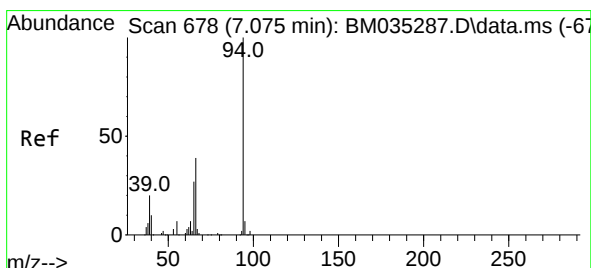
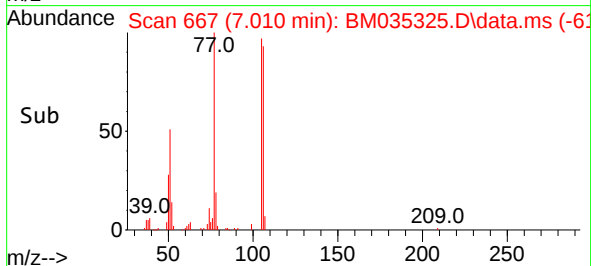
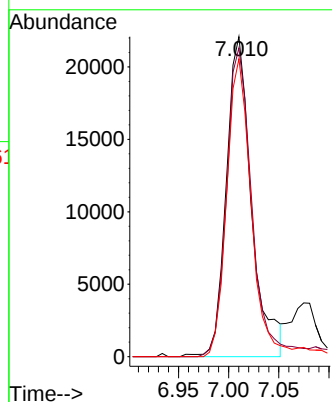
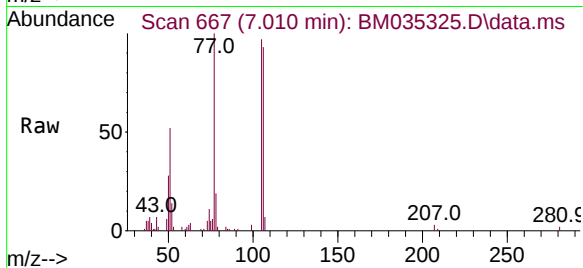
Tgt Ion: 77 Resp: 38501

Ion Ratio Lower Upper

77 100

105 96.5 76.3 116.3

106 93.1 69.0 109.0



#10

Phenol

Concen: 43.799 ng

RT: 7.075 min Scan# 678

Delta R.T. 0.006 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

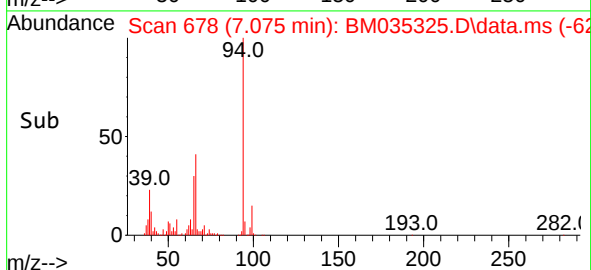
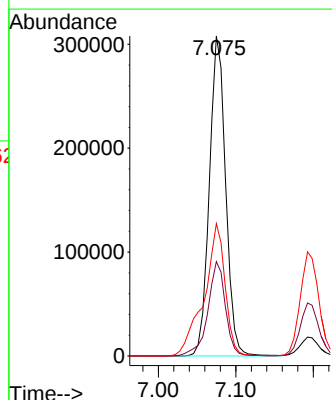
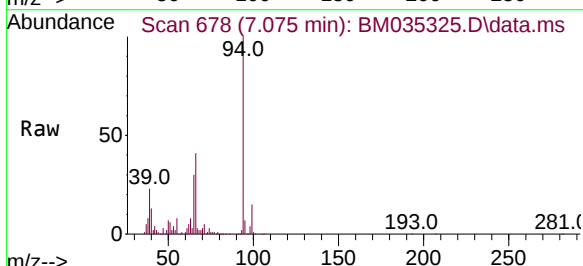
Tgt Ion: 94 Resp: 449319

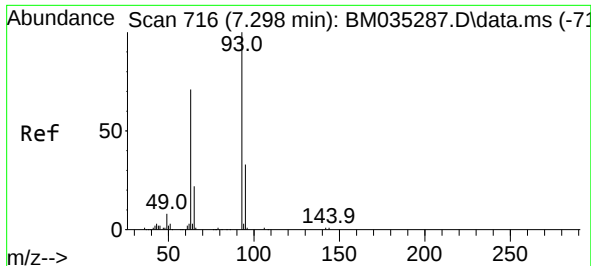
Ion Ratio Lower Upper

94 100

65 29.5 11.4 51.4

66 41.3 21.4 61.4

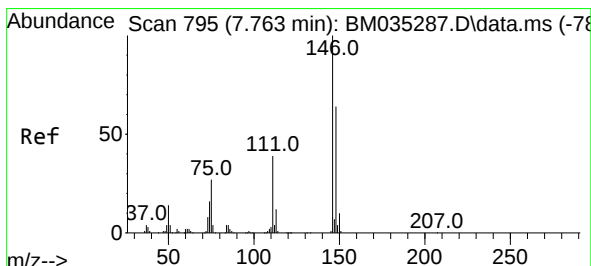
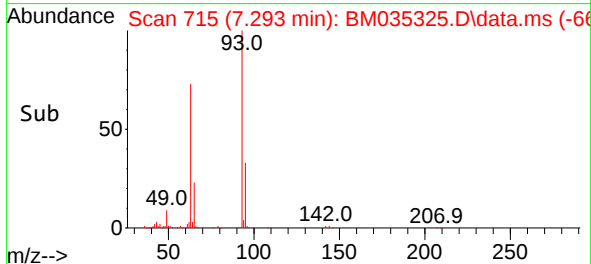
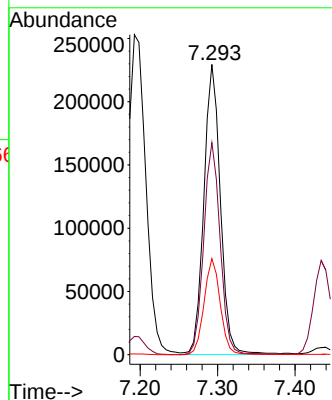
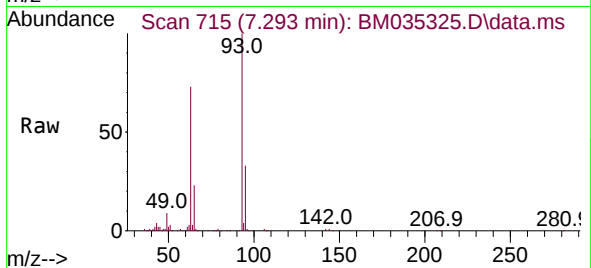




#11
bis(2-Chloroethyl)ether
Concen: 42.386 ng
RT: 7.293 min Scan# 716
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

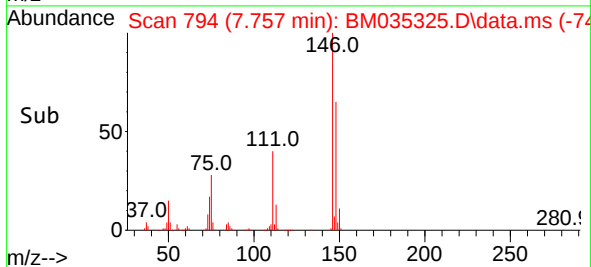
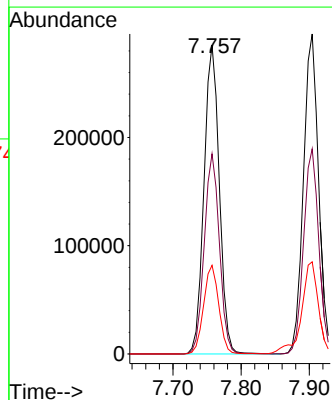
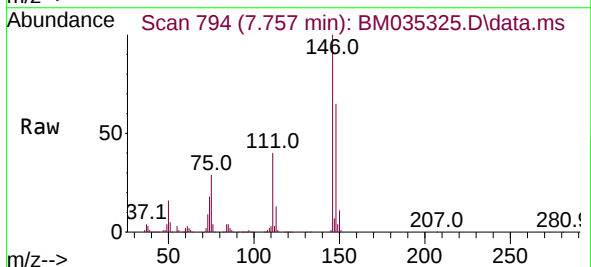
Instrument :
BNA_M
ClientSampleId :
PB145012BS

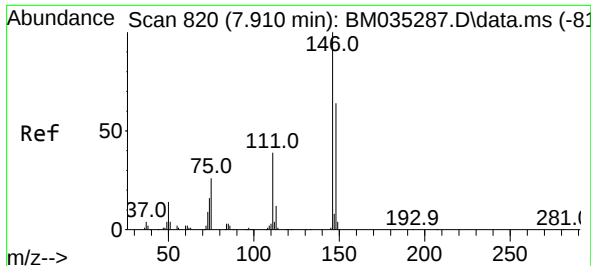
Tgt Ion: 93 Resp: 339879
Ion Ratio Lower Upper
93 100
63 73.1 60.6 100.6
95 33.1 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 42.157 ng
RT: 7.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion: 146 Resp: 445740
Ion Ratio Lower Upper
146 100
148 64.8 50.7 76.1
75 28.7 26.1 39.1

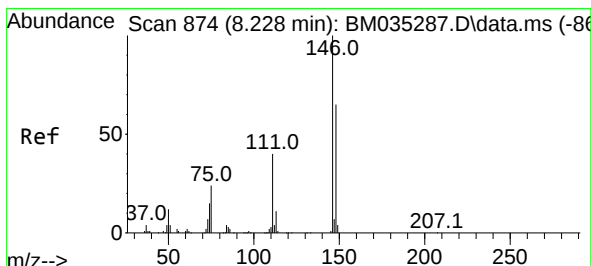
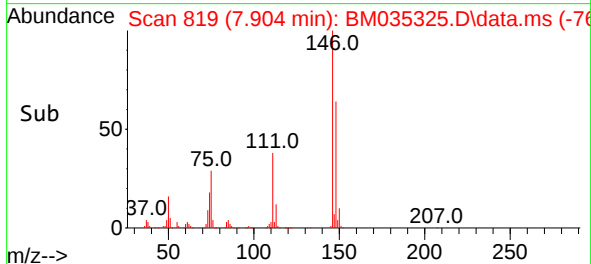
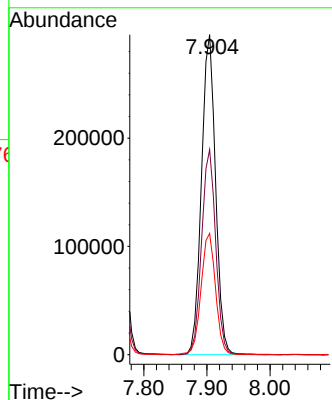
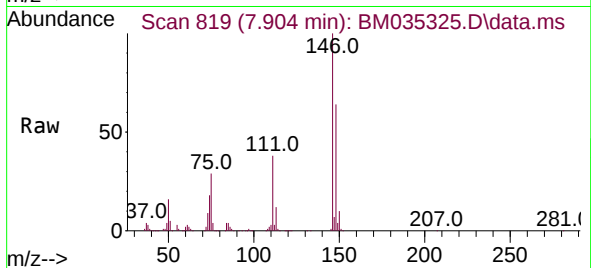




#13
1,4-Dichlorobenzene
Concen: 42.428 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

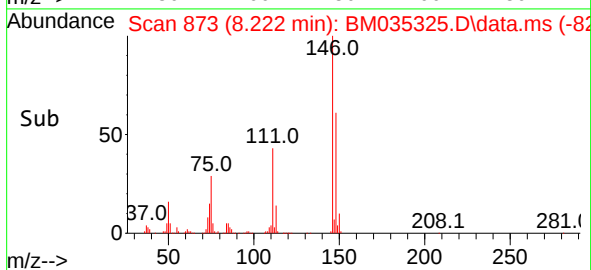
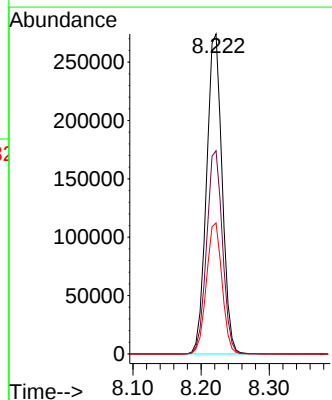
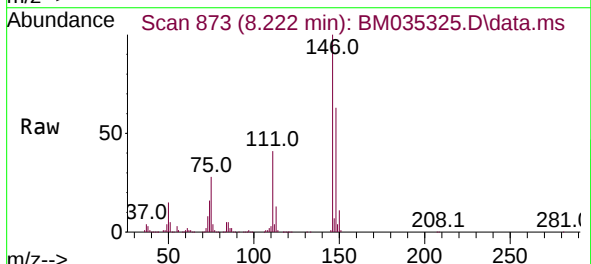
Instrument :
BNA_M
ClientSampleId :
PB145012BS

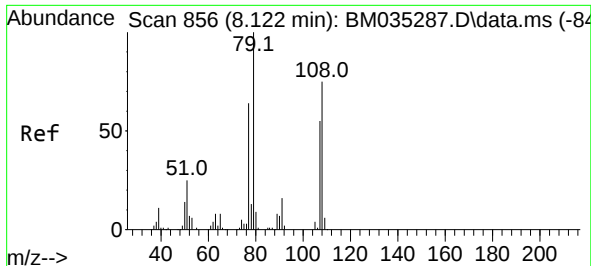
Tgt Ion:146 Resp: 458169
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 37.9 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 41.656 ng
RT: 8.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:146 Resp: 436582
Ion Ratio Lower Upper
146 100
148 63.5 50.7 76.1
111 41.0 33.9 50.9

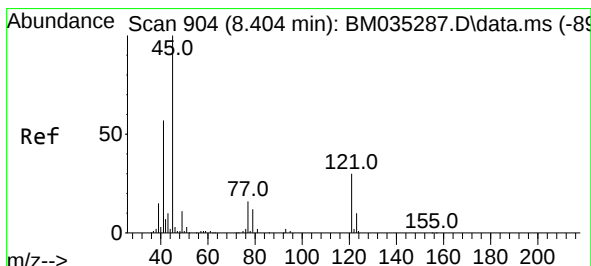
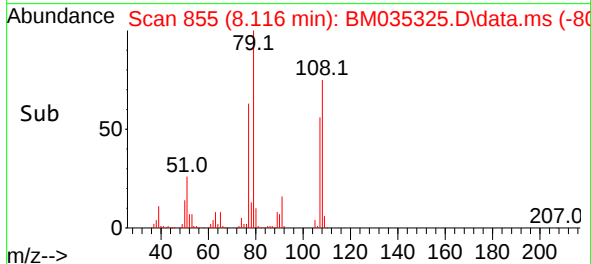
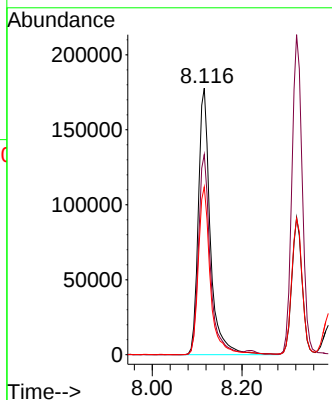
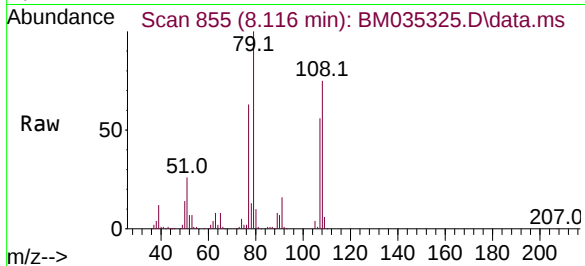




#15
Benzyl Alcohol
Concen: 43.898 ng
RT: 8.116 min Scan# 815
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

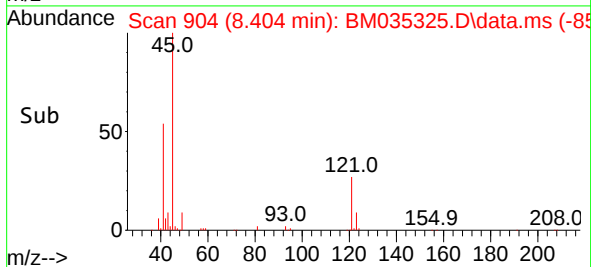
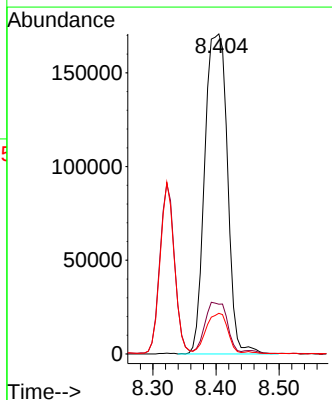
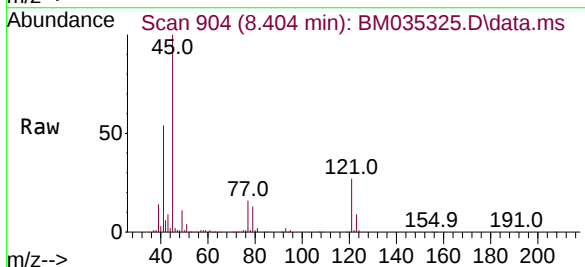
Instrument :
BNA_M
ClientSampleId :
PB145012BS

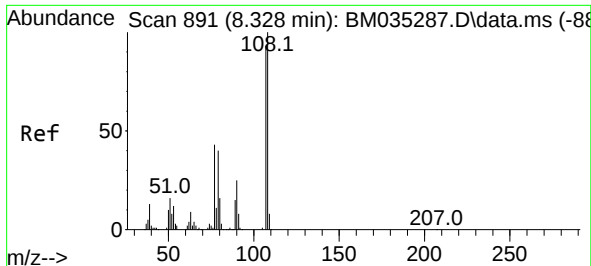
Tgt Ion: 79 Resp: 328667
Ion Ratio Lower Upper
79 100
108 75.1 59.0 88.4
77 62.9 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.474 ng
RT: 8.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion: 45 Resp: 425419
Ion Ratio Lower Upper
45 100
77 15.5 0.0 33.1
79 12.7 0.0 30.5

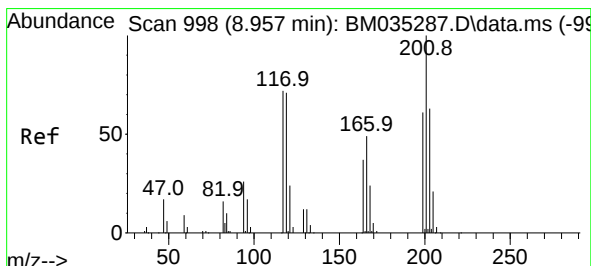
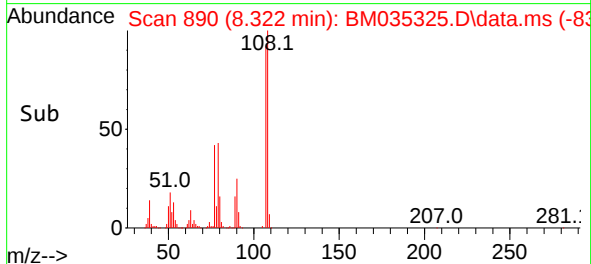
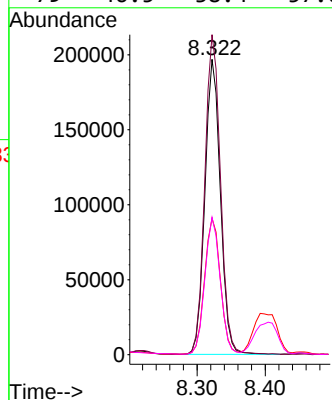
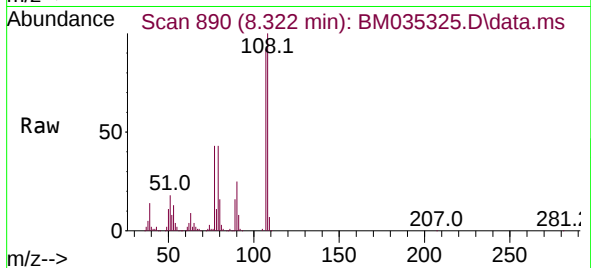




#17
2-Methylphenol
Concen: 43.236 ng
RT: 8.322 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

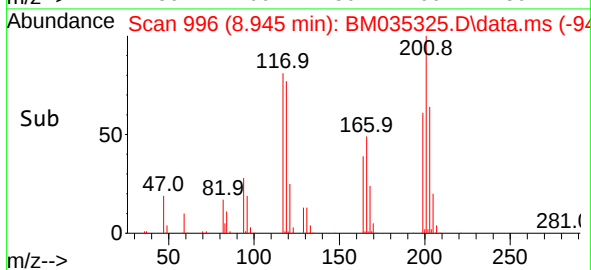
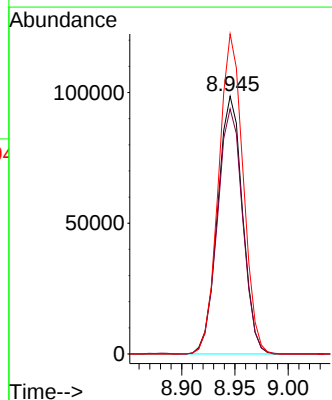
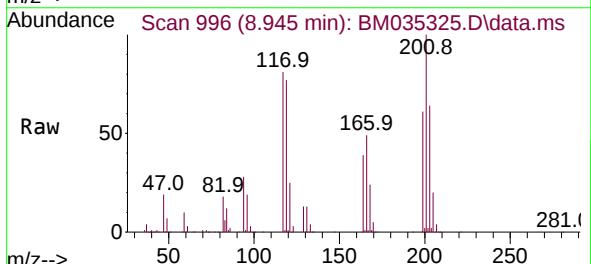
Instrument :
BNA_M
ClientSampleId :
PB145012BS

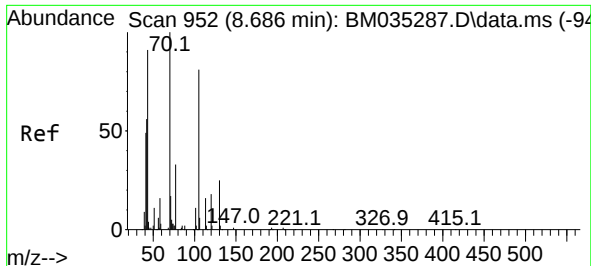
Tgt Ion:	107	Resp:	310993
Ion	Ratio	Lower	Upper
107	100		
108	108.3	88.7	133.1
77	46.1	40.6	60.8
79	46.5	38.4	57.6



#18
Hexachloroethane
Concen: 43.268 ng
RT: 8.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:	117	Resp:	160053
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.8	113.6
201	124.1	81.0	121.4



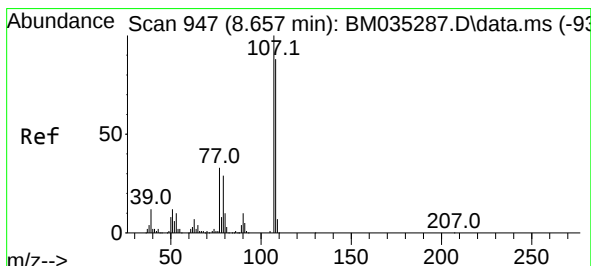
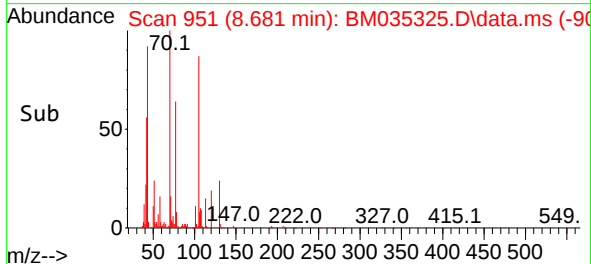
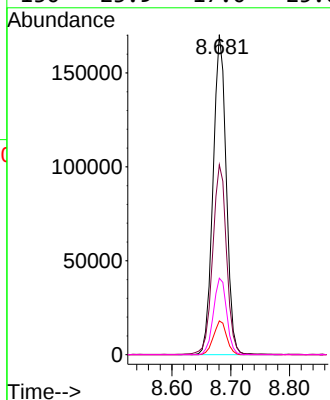
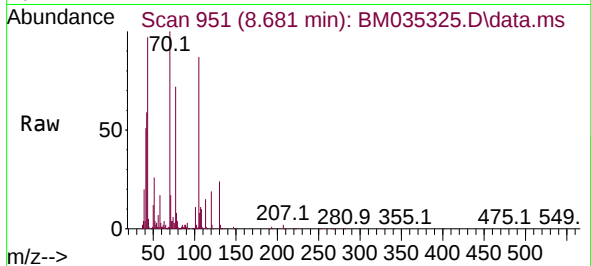


#19
n-Nitroso-di-n-propylamine
Concen: 40.828 ng
RT: 8.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Instrument :
BNA_M
ClientSampleId :
PB145012BS

Tgt Ion: 70 Resp: 265059

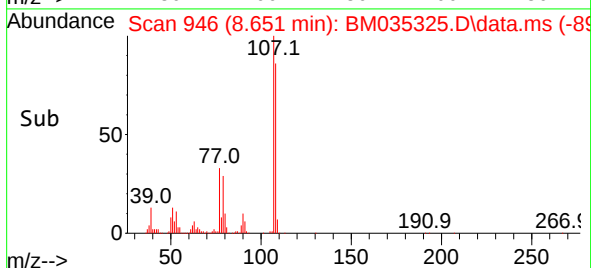
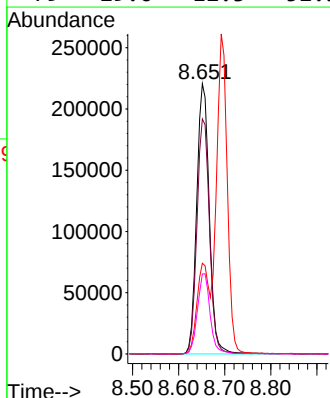
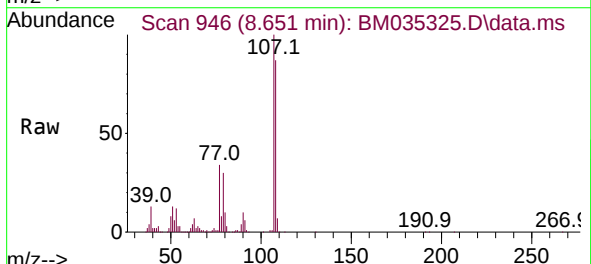
Ion	Ratio	Lower	Upper
70	100		
42	59.3	55.4	83.2
101	10.5	7.8	11.6
130	23.9	17.0	25.6

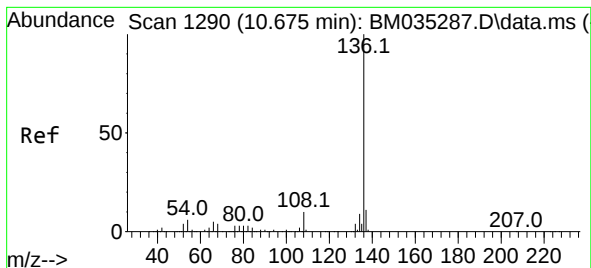


#20
3+4-Methylphenols
Concen: 42.603 ng
RT: 8.651 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion: 107 Resp: 419457

Ion	Ratio	Lower	Upper
107	100		
108	86.9	69.3	109.3
77	33.6	15.8	55.8
79	29.6	12.3	52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.669 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

Tgt Ion:136 Resp: 575614

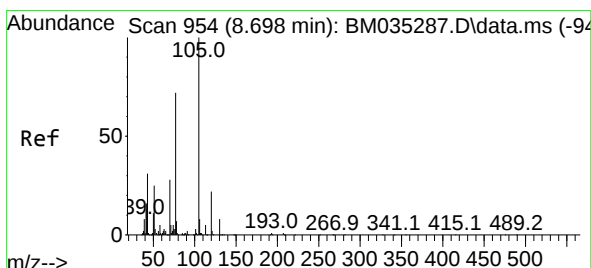
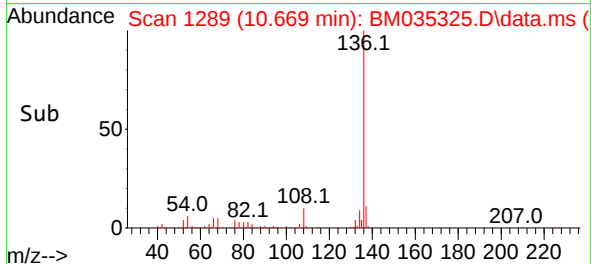
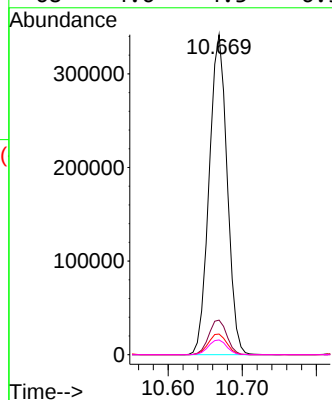
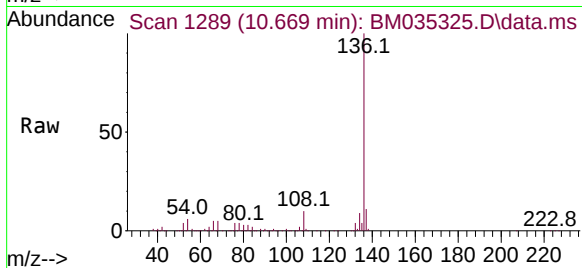
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.5 7.0 10.4#

68 4.6 4.3 6.5



#22

Acetophenone

Concen: 40.482 ng

RT: 8.692 min Scan# 953

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Tgt Ion:105 Resp: 554531

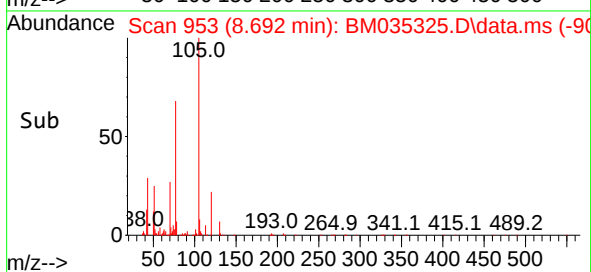
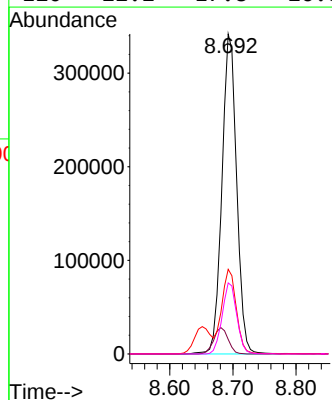
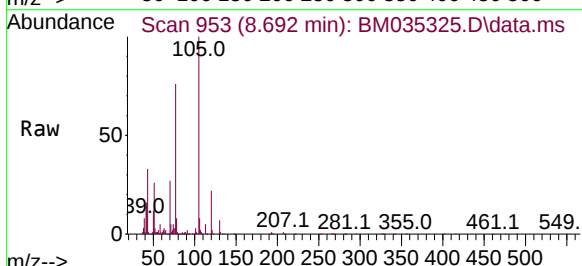
Ion Ratio Lower Upper

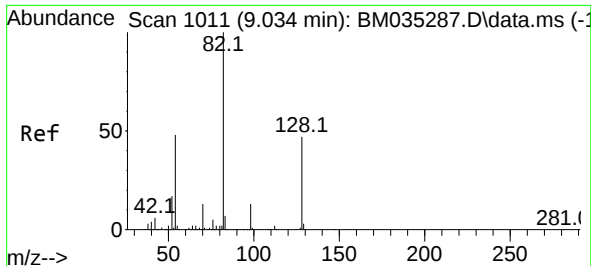
105 100

71 4.5 5.0 7.4#

51 26.5 25.6 38.4

120 22.2 17.8 26.8

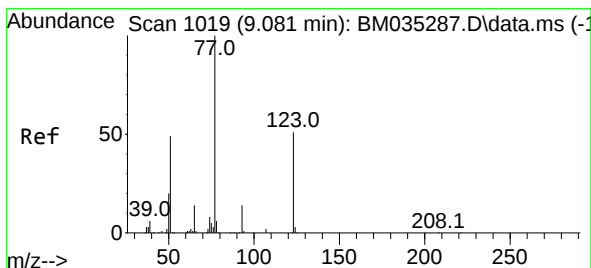
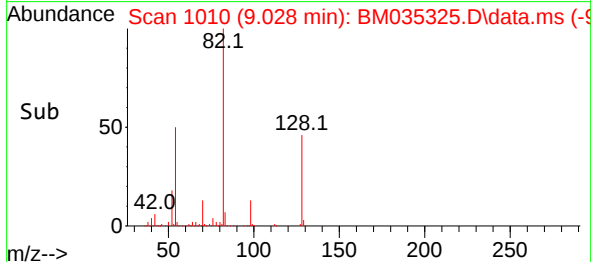
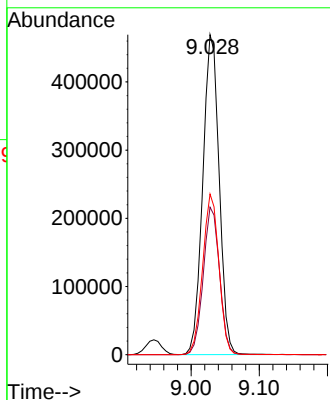
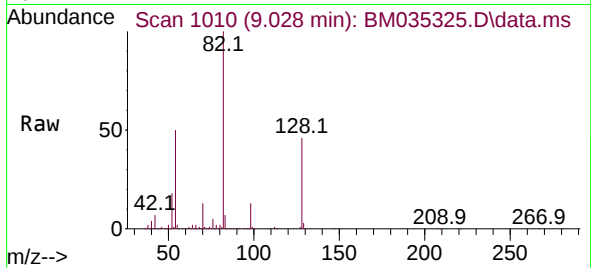




#23
Nitrobenzene-d5
Concen: 75.065 ng
RT: 9.028 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

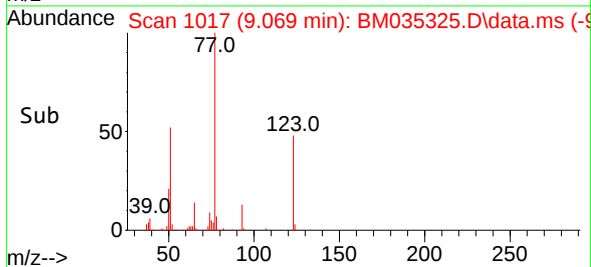
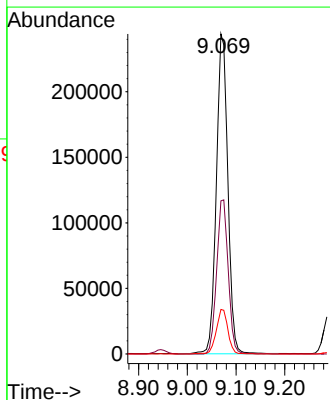
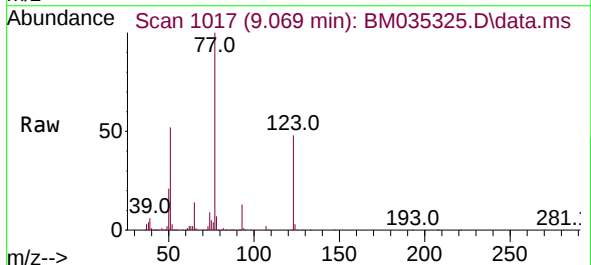
Instrument :
BNA_M
ClientSampleId :
PB145012BS

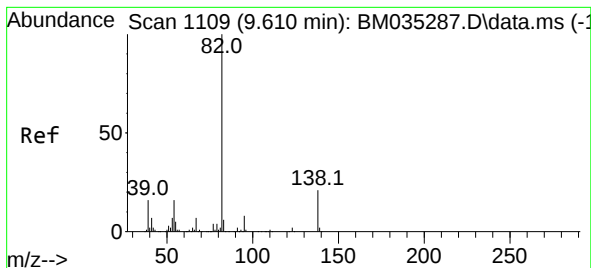
Tgt Ion: 82 Resp: 784922
Ion Ratio Lower Upper
82 100
128 46.1 33.7 50.5
54 50.2 43.2 64.8



#24
Nitrobenzene
Concen: 41.262 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion: 77 Resp: 397948
Ion Ratio Lower Upper
77 100
123 47.9 36.2 54.4
65 13.9 11.4 17.0





#25

Isophorone

Concen: 44.719 ng

RT: 9.604 min Scan# 1108

Delta R.T. 0.006 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

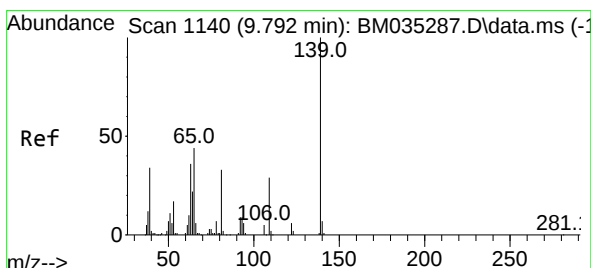
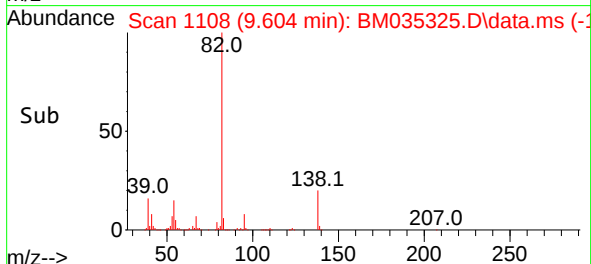
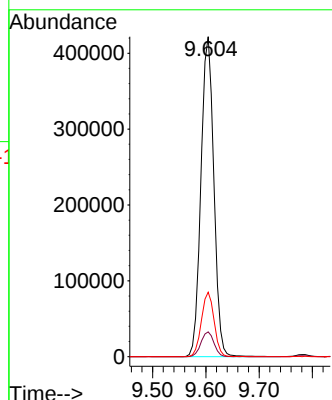
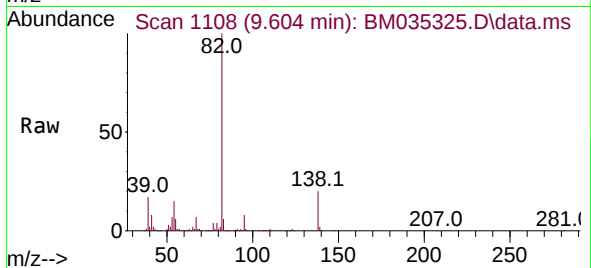
Tgt Ion: 82 Resp: 707730

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

138 20.1 14.2 21.4



#26

2-Nitrophenol

Concen: 44.320 ng

RT: 9.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

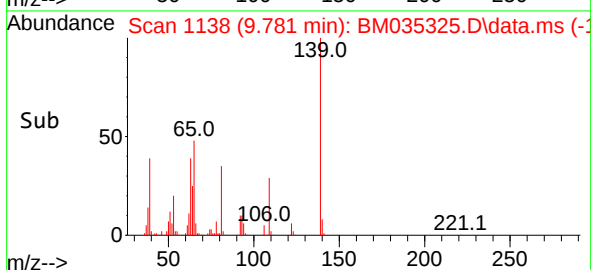
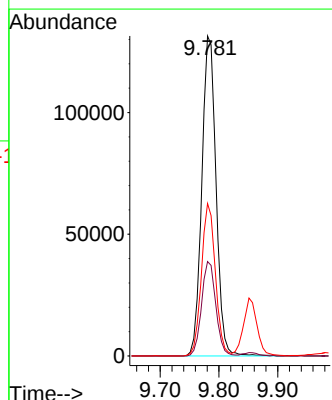
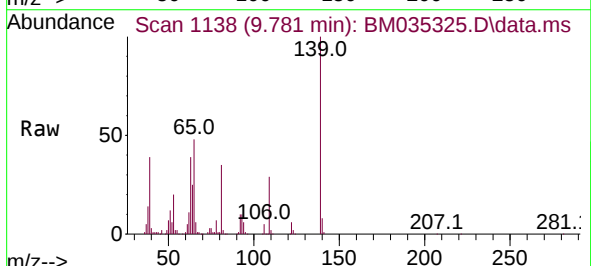
Tgt Ion:139 Resp: 220550

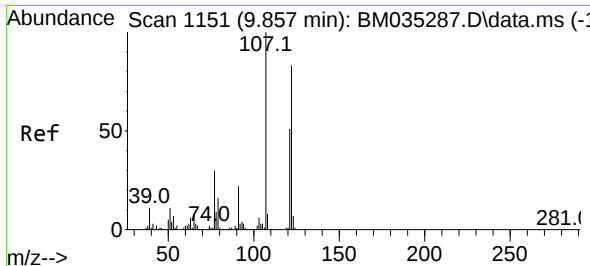
Ion Ratio Lower Upper

139 100

109 29.5 25.6 38.4

65 47.7 43.2 64.8

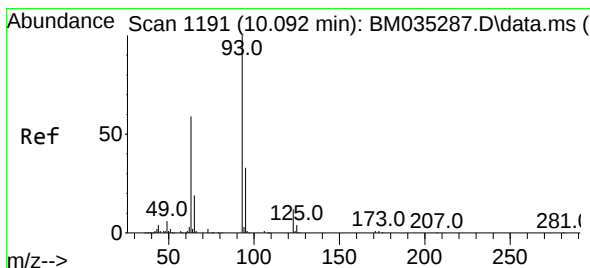
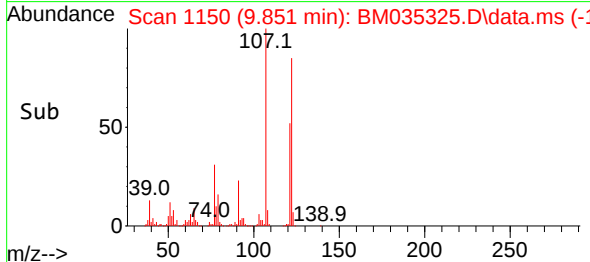
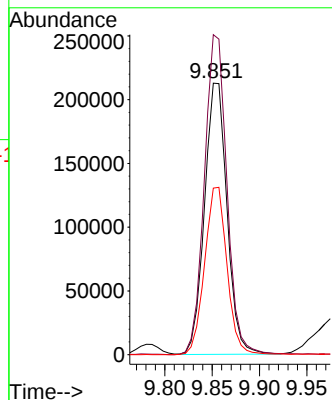
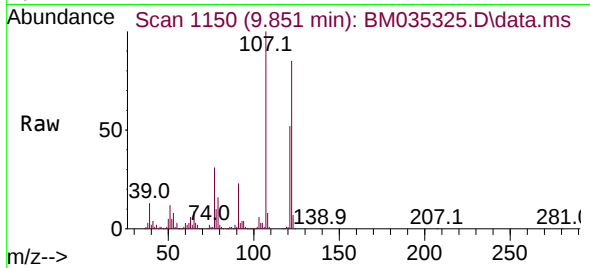




#27
2,4-Dimethylphenol
Concen: 50.420 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

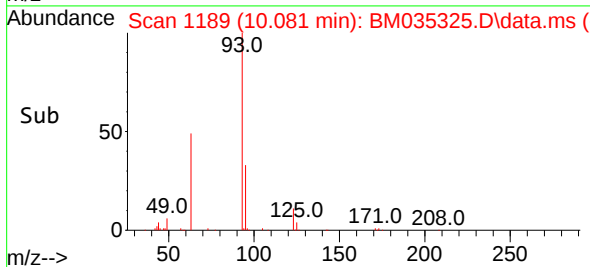
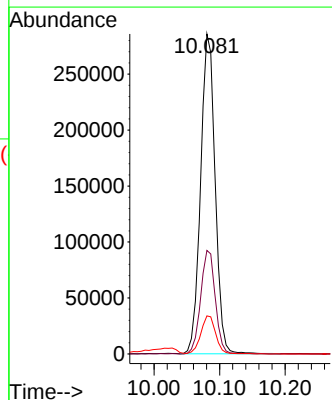
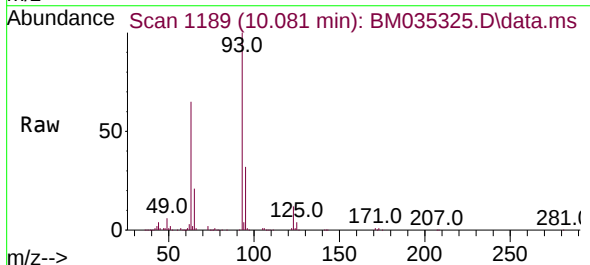
Instrument :
BNA_M
ClientSampleId :
PB145012BS

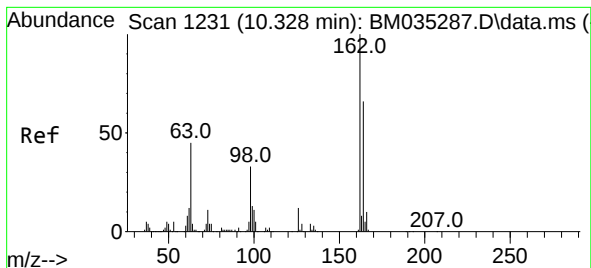
Tgt Ion:122 Resp: 351426
Ion Ratio Lower Upper
122 100
107 117.9 92.4 138.6
121 61.3 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.171 ng
RT: 10.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion: 93 Resp: 440634
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 11.9 9.0 13.4

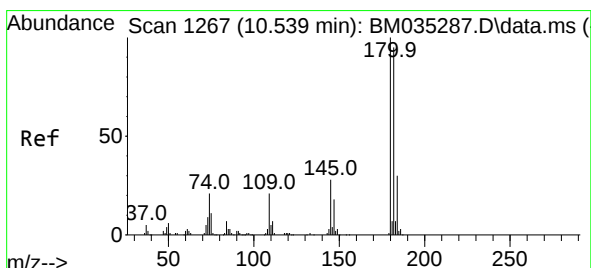
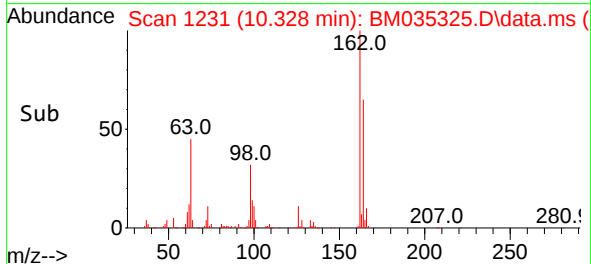
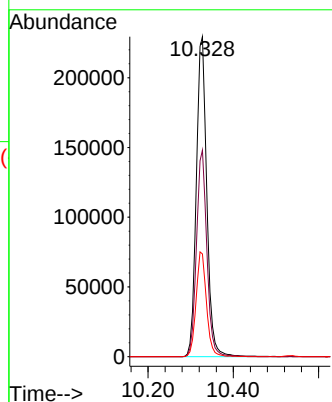
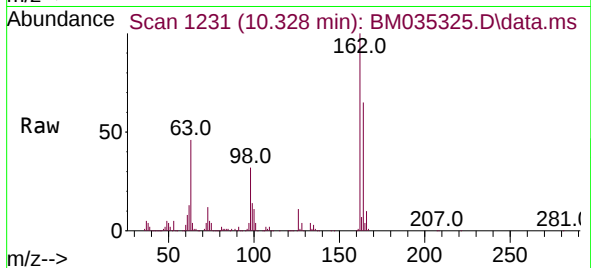




#29
2,4-Dichlorophenol
Concen: 44.544 ng
RT: 10.328 min Scan# 1231
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

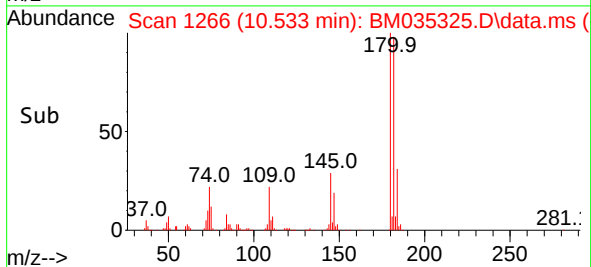
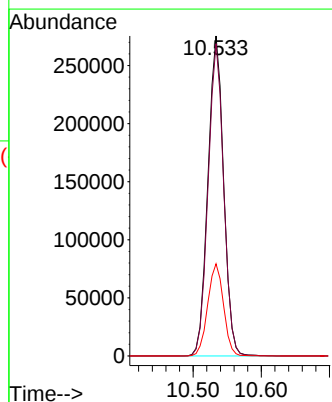
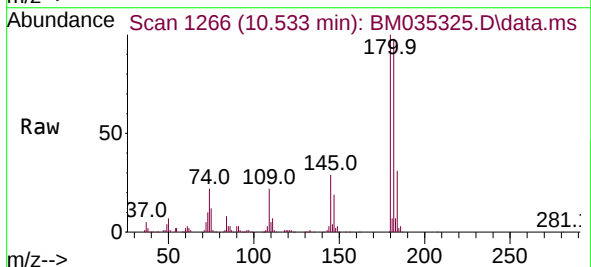
Instrument :
BNA_M
ClientSampleId :
PB145012BS

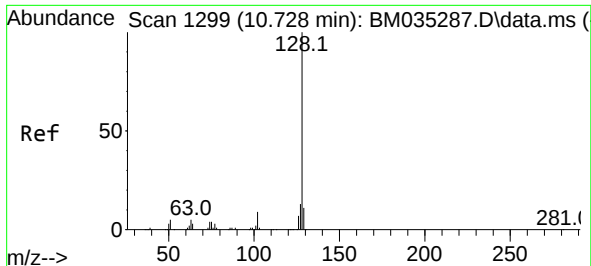
Tgt Ion:162 Resp: 391015
Ion Ratio Lower Upper
162 100
164 64.6 44.2 84.2
98 32.1 15.0 55.0



#30
1,2,4-Trichlorobenzene
Concen: 42.100 ng
RT: 10.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:180 Resp: 441189
Ion Ratio Lower Upper
180 100
182 97.6 77.9 116.9
145 28.8 25.0 37.6

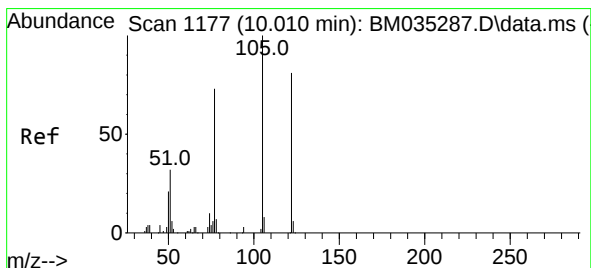
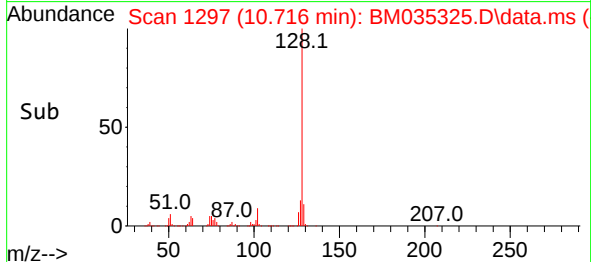
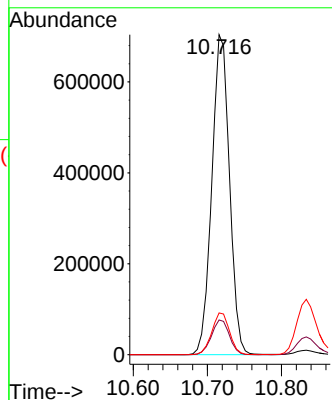
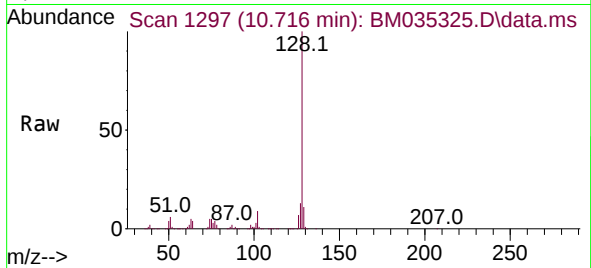




#31
Naphthalene
Concen: 41.518 ng
RT: 10.716 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

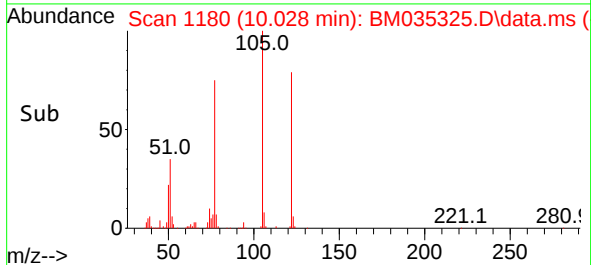
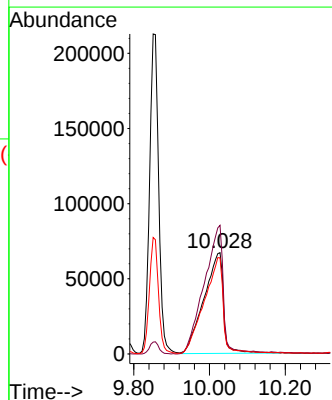
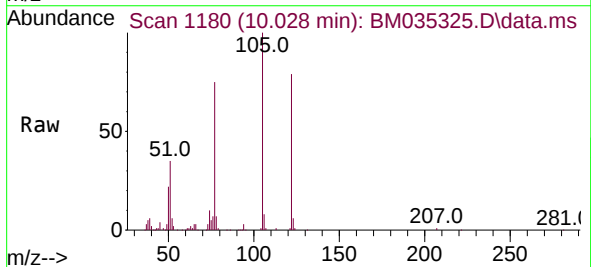
Instrument :
BNA_M
ClientSampleId :
PB145012BS

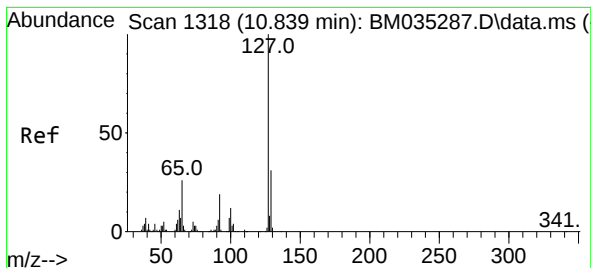
Tgt Ion:128 Resp: 1164509
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 38.650 ng
RT: 10.028 min Scan# 1180
Delta R.T. 0.012 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:122 Resp: 239157
Ion Ratio Lower Upper
122 100
105 127.0 105.7 145.7
77 94.9 80.0 120.0





#33

4-Chloroaniline

Concen: 21.192 ng

RT: 10.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

Tgt Ion:127 Resp: 235433

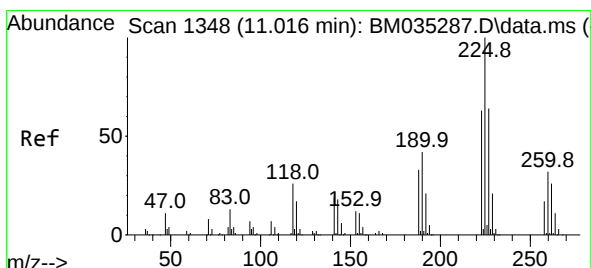
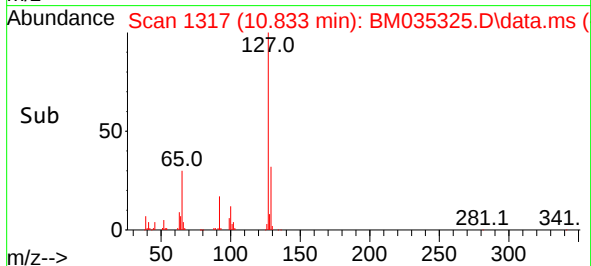
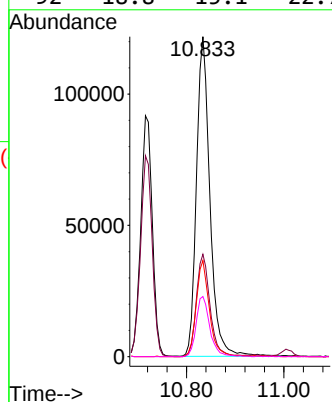
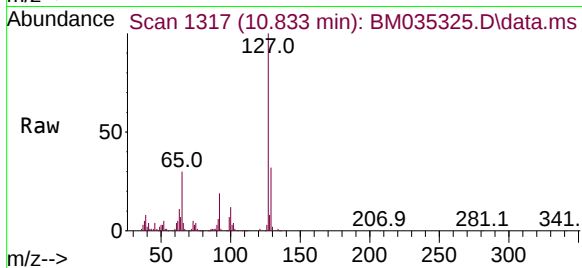
Ion Ratio Lower Upper

127 100

129 32.0 25.7 38.5

65 30.1 26.6 40.0

92 18.8 15.1 22.7



#34

Hexachlorobutadiene

Concen: 42.482 ng

RT: 11.010 min Scan# 1347

Delta R.T. 0.006 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

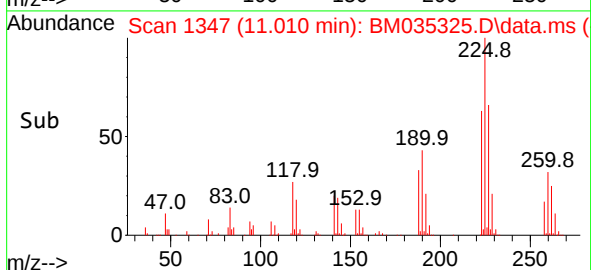
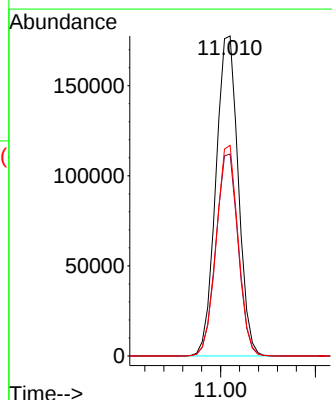
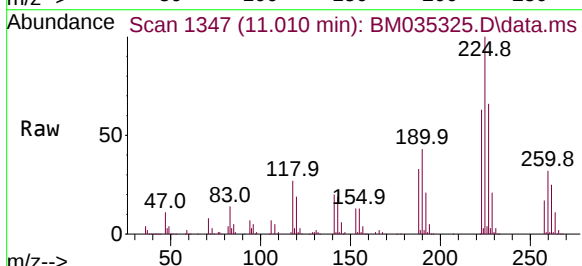
Tgt Ion:225 Resp: 291297

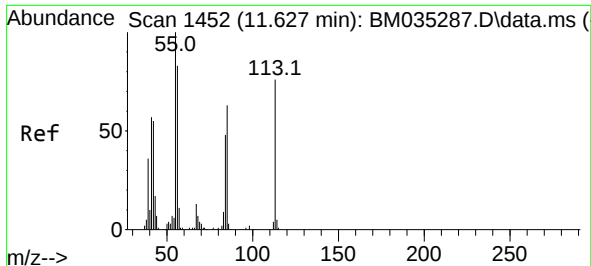
Ion Ratio Lower Upper

225 100

223 63.1 50.8 76.2

227 65.8 52.7 79.1

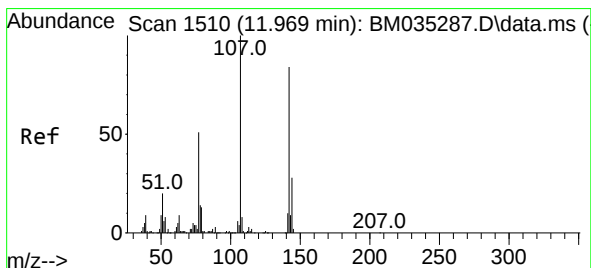
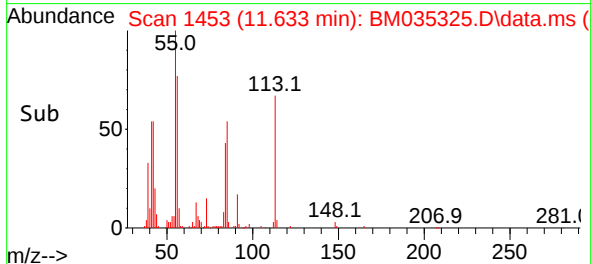
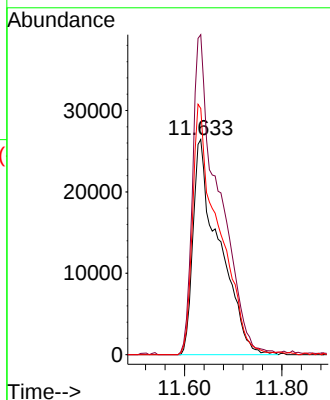
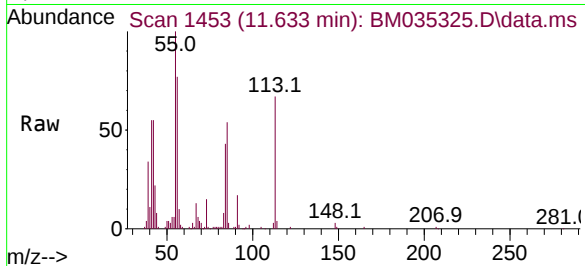




#35
 Caprolactam
 Concen: 40.744 ng
 RT: 11.633 min Scan# 1453
 Delta R.T. 0.006 min
 Lab File: BM035325.D
 Acq: 31 May 2022 13:39

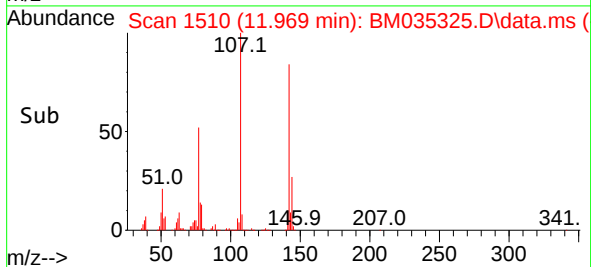
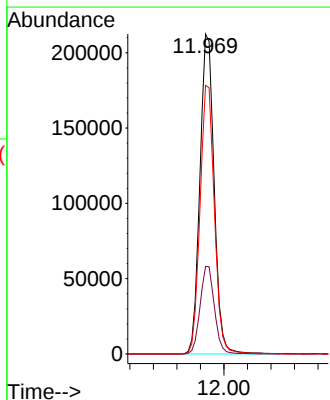
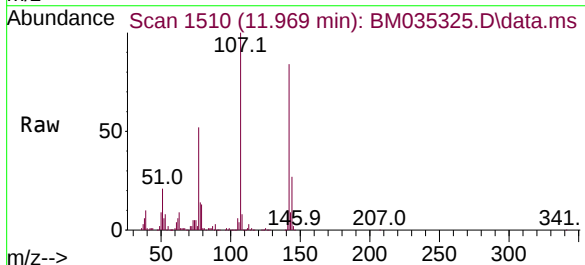
Instrument :
 BNA_M
 ClientSampleId :
 PB145012BS

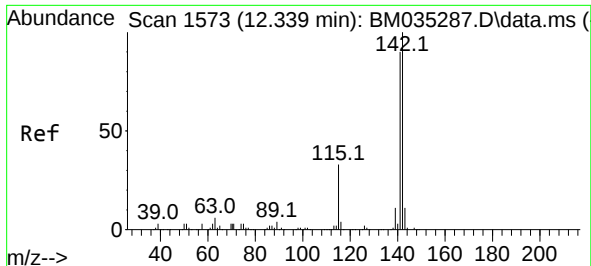
Tgt Ion:113 Resp: 98140
 Ion Ratio Lower Upper
 113 100
 55 148.7 150.1 190.1#
 56 114.5 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.076 ng
 RT: 11.969 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: BM035325.D
 Acq: 31 May 2022 13:39

Tgt Ion:107 Resp: 358220
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.4 32.0
 142 84.0 66.7 100.1

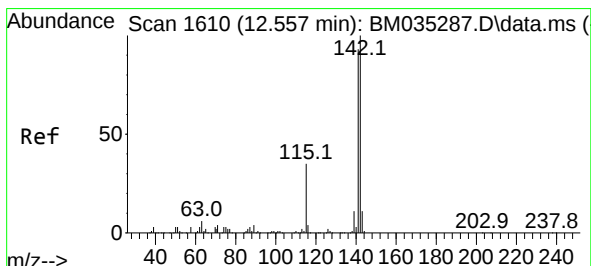
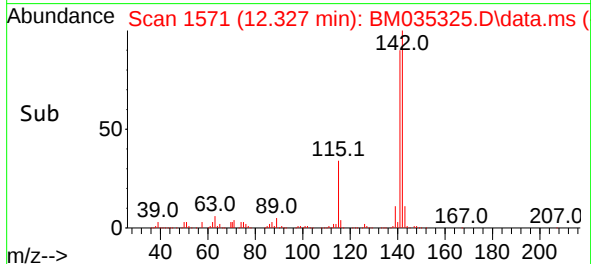
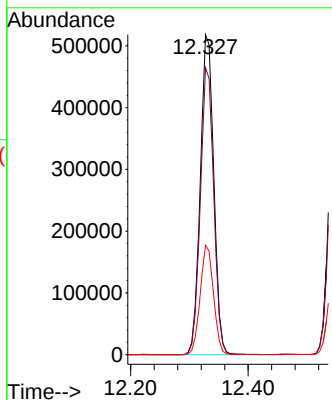
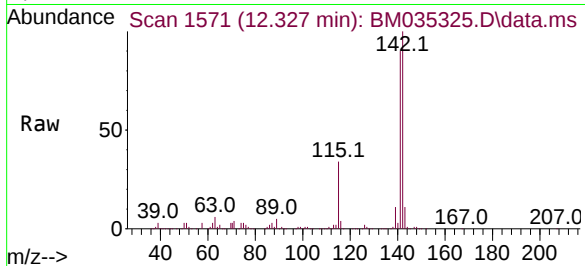




#37
2-Methylnaphthalene
Concen: 41.806 ng
RT: 12.327 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

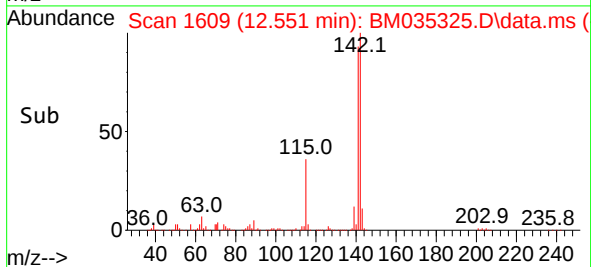
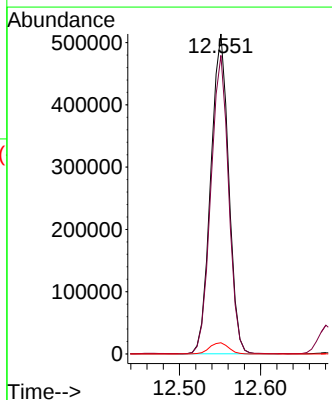
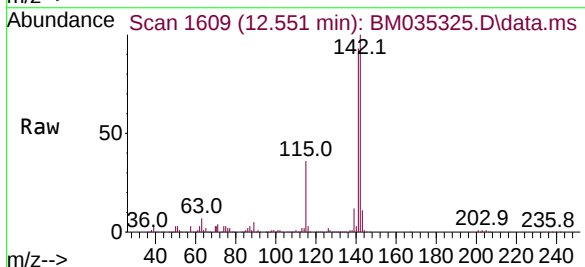
Instrument :
BNA_M
ClientSampleId :
PB145012BS

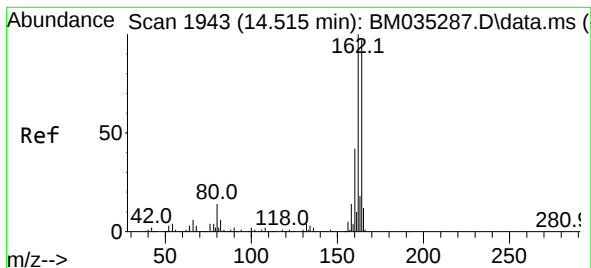
Tgt Ion:142 Resp: 826803
Ion Ratio Lower Upper
142 100
141 89.7 72.4 108.6
115 34.2 29.6 44.4



#38
1-Methylnaphthalene
Concen: 40.669 ng
RT: 12.551 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:142 Resp: 786258
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4
116 3.5 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.510 min Scan# 1943

Delta R.T. 0.006 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

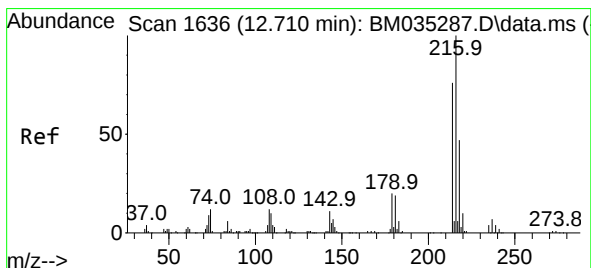
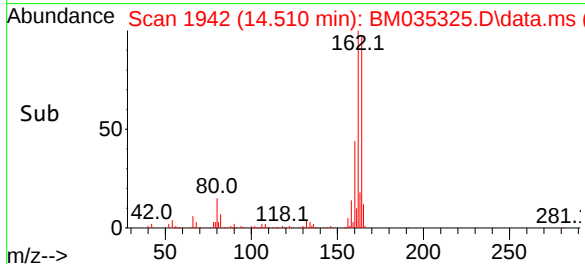
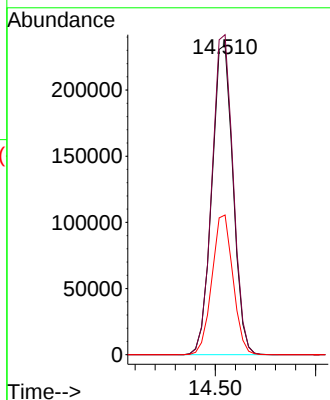
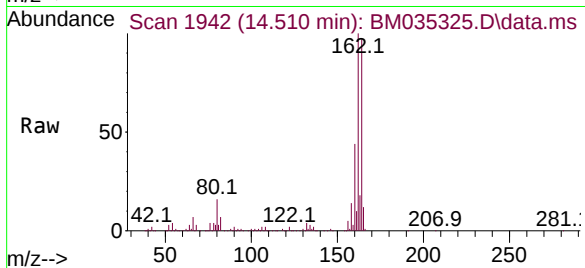
Tgt Ion:164 Resp: 343501

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.6

160 45.1 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.795 ng

RT: 12.704 min Scan# 1635

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Tgt Ion:216 Resp: 503746

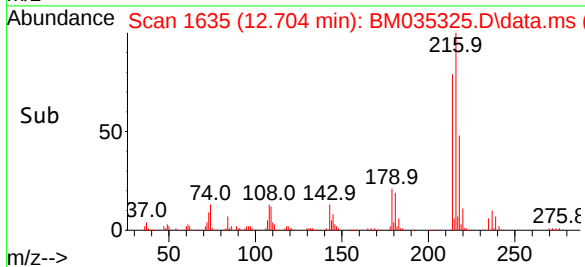
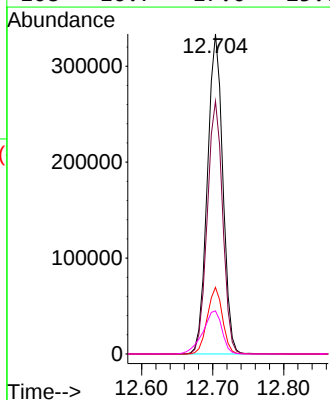
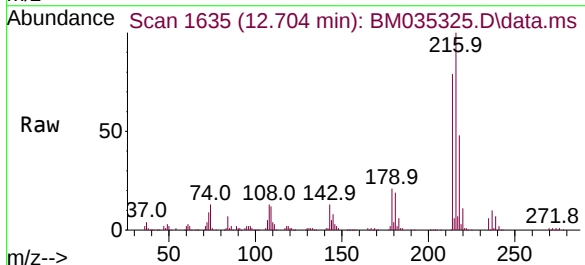
Ion Ratio Lower Upper

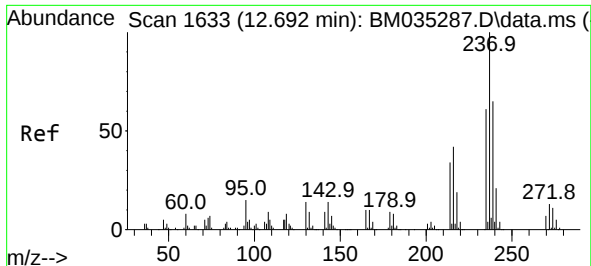
216 100

214 78.8 62.6 94.0

179 20.4 18.2 27.2

108 16.7 17.0 25.6#

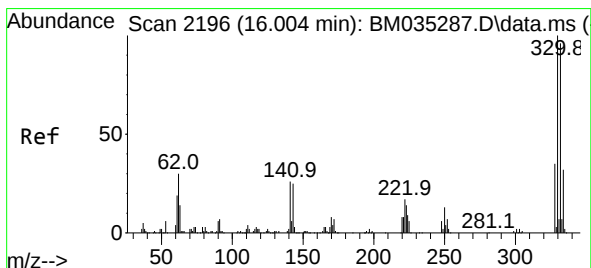
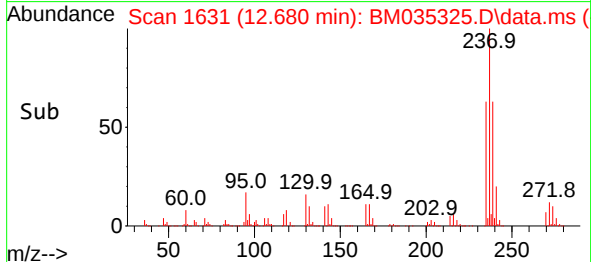
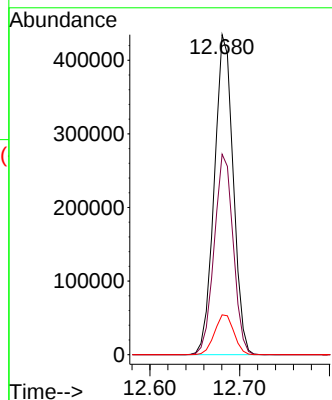
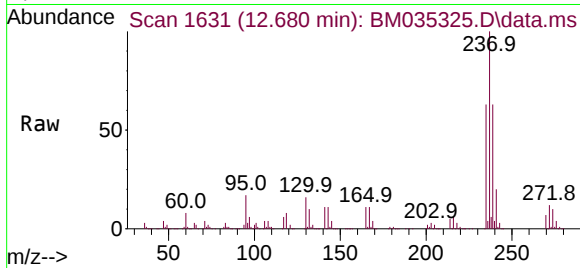




#41
Hexachlorocyclopentadiene
Concen: 94.500 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

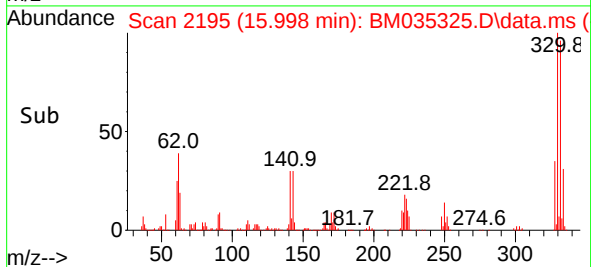
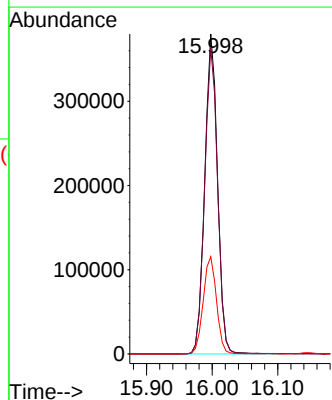
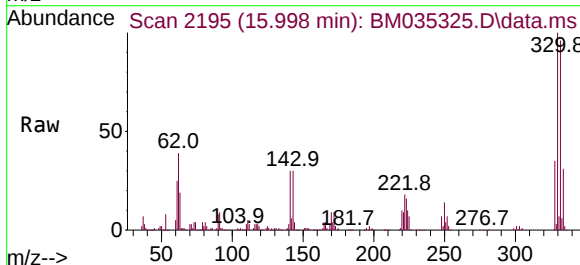
Instrument :
BNA_M
ClientSampleId :
PB145012BS

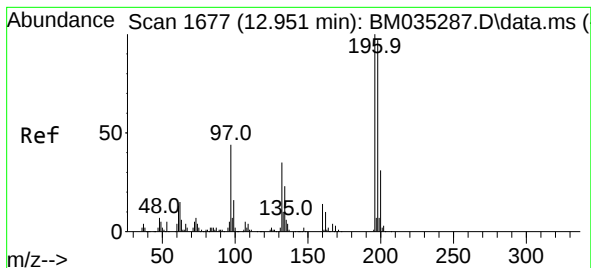
Tgt Ion:237 Resp: 635877
Ion Ratio Lower Upper
237 100
235 62.6 43.8 83.8
272 12.5 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 116.046 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:330 Resp: 517124
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 31.5 35.3 52.9#





#43

2,4,6-Trichlorophenol

Concen: 44.780 ng

RT: 12.945 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

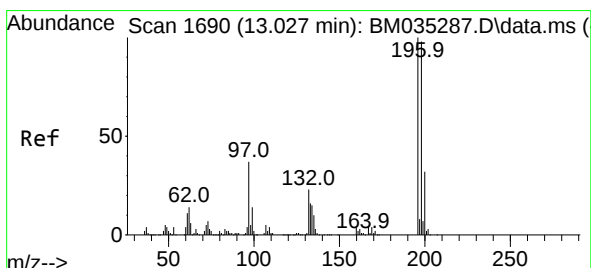
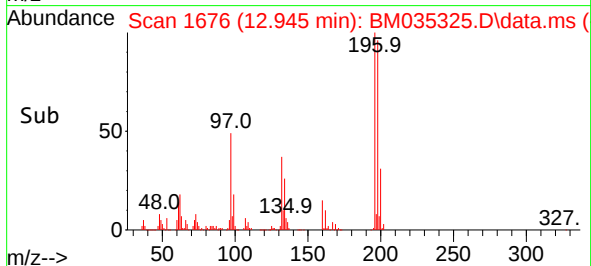
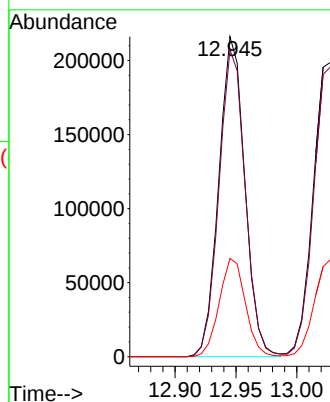
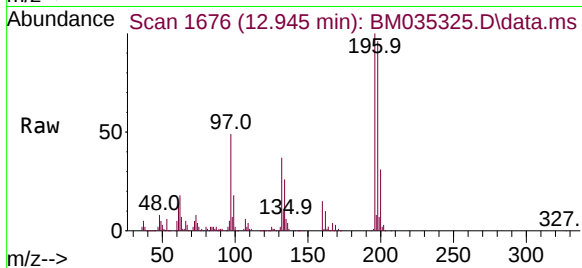
Tgt Ion:196 Resp: 321005

Ion Ratio Lower Upper

196 100

198 95.9 75.8 113.6

200 30.7 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 44.575 ng

RT: 13.027 min Scan# 1690

Delta R.T. 0.006 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Tgt Ion:196 Resp: 339892

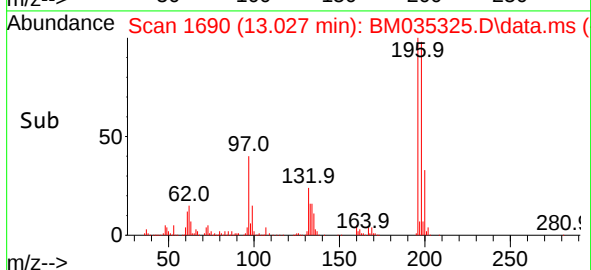
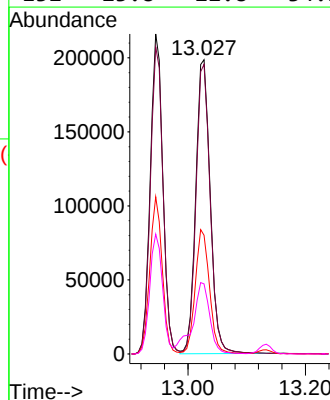
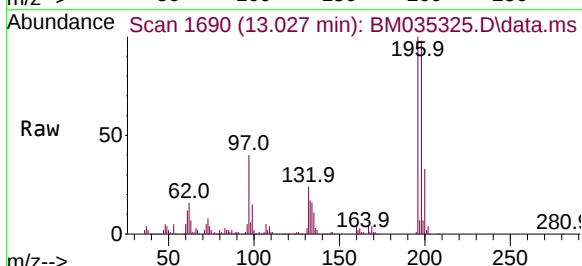
Ion Ratio Lower Upper

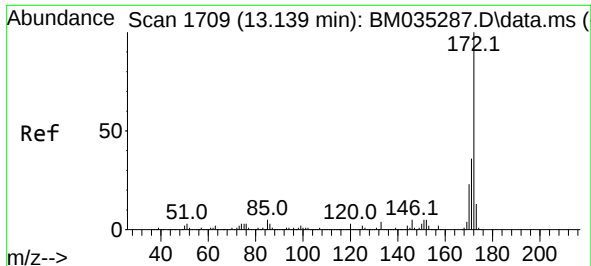
196 100

198 98.5 77.8 116.6

97 40.3 43.4 65.2#

132 23.8 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 81.640 ng

RT: 13.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

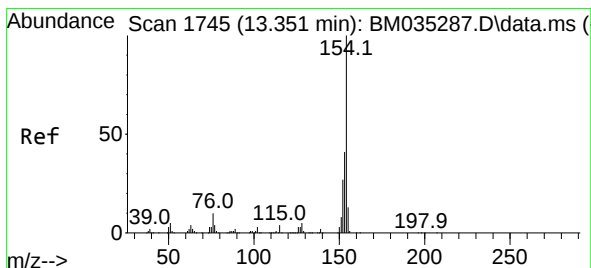
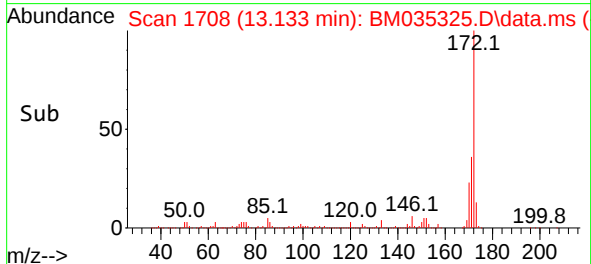
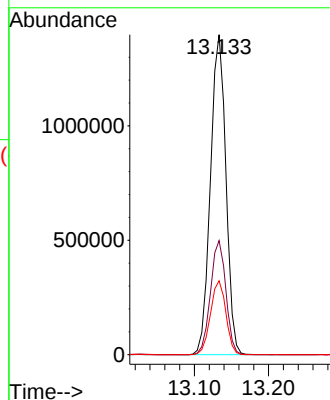
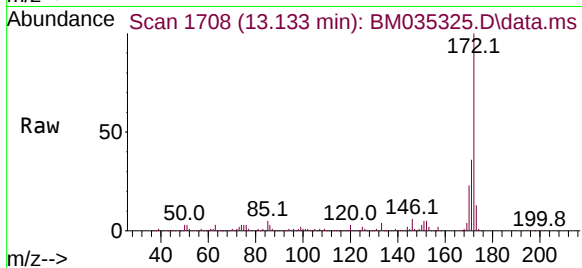
Tgt Ion:172 Resp: 2022240

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.1 18.7 28.1



#46

1,1'-Biphenyl

Concen: 43.094 ng

RT: 13.345 min Scan# 1744

Delta R.T. 0.006 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

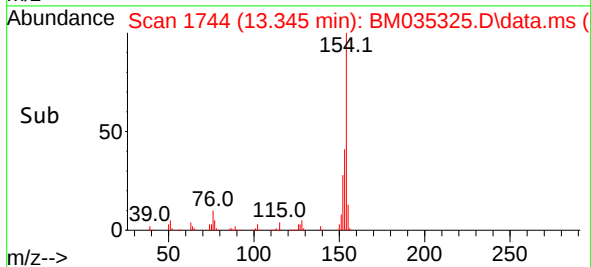
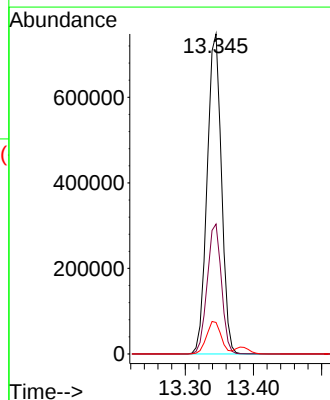
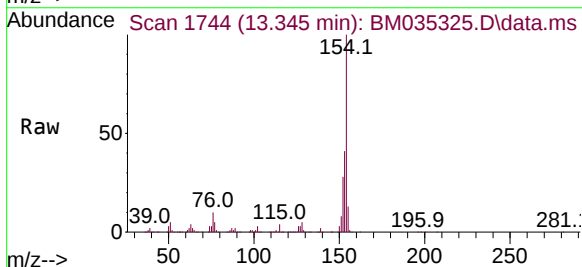
Tgt Ion:154 Resp: 1090696

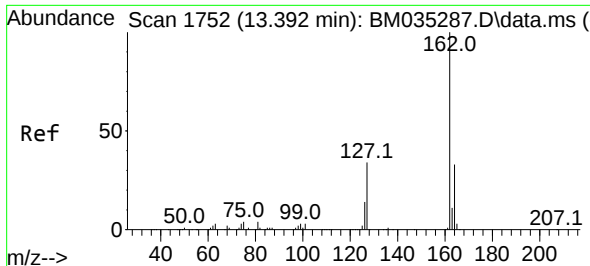
Ion Ratio Lower Upper

154 100

153 40.6 20.5 60.5

76 9.9 0.0 31.8

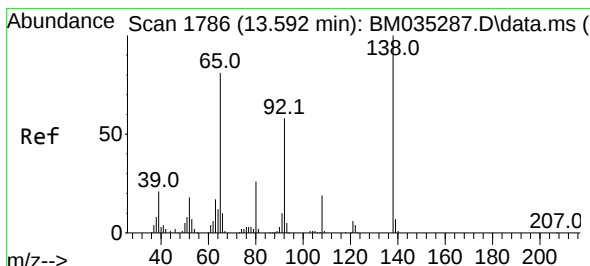
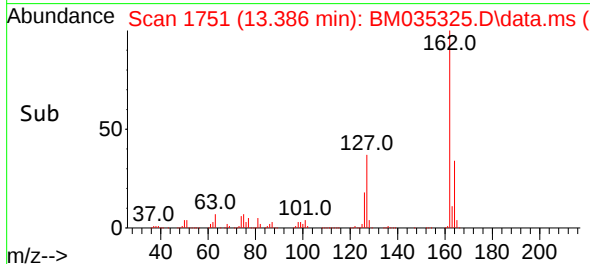
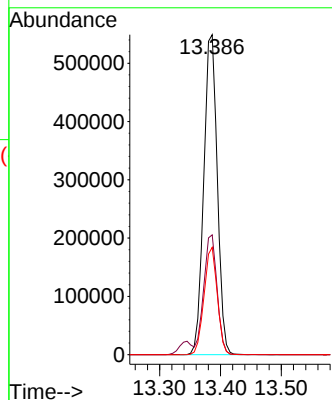
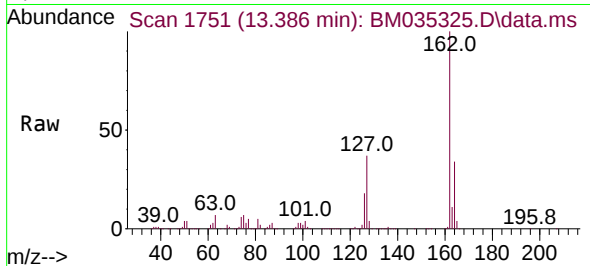




#47
2-Chloronaphthalene
Concen: 43.188 ng
RT: 13.386 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

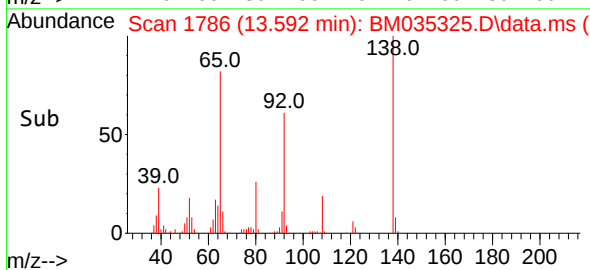
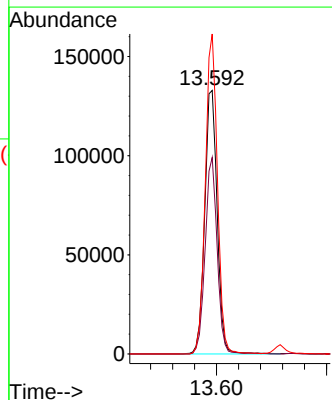
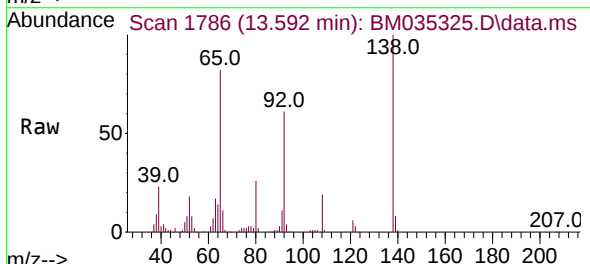
Instrument :
BNA_M
ClientSampleId :
PB145012BS

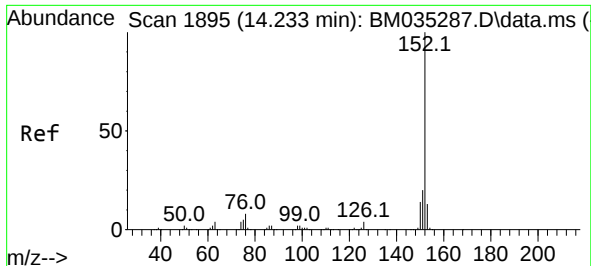
Tgt Ion:162 Resp: 847527
Ion Ratio Lower Upper
162 100
127 37.4 30.6 45.8
164 33.6 26.6 39.8



#48
2-Nitroaniline
Concen: 42.731 ng
RT: 13.592 min Scan# 1786
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion: 65 Resp: 209237
Ion Ratio Lower Upper
65 100
92 74.6 53.7 80.5
138 121.4 83.9 125.9

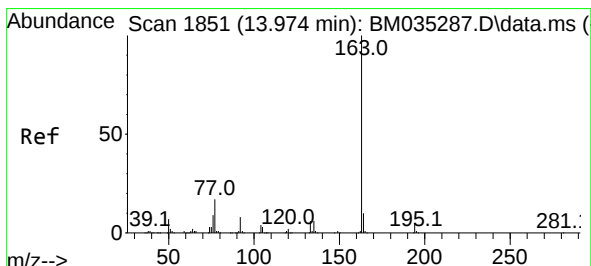
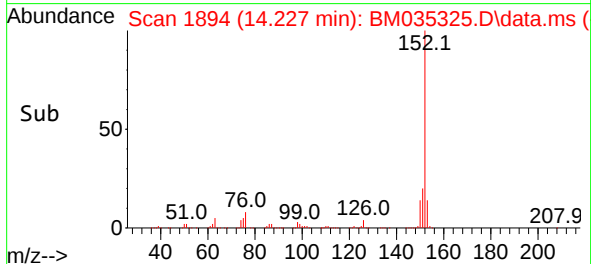
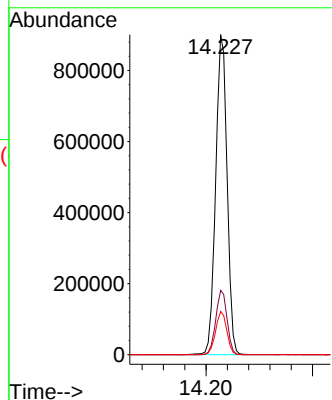
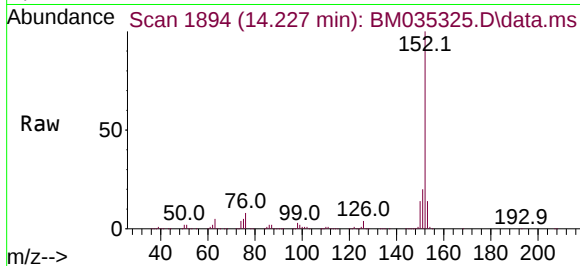




#49
Acenaphthylene
Concen: 45.640 ng
RT: 14.227 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

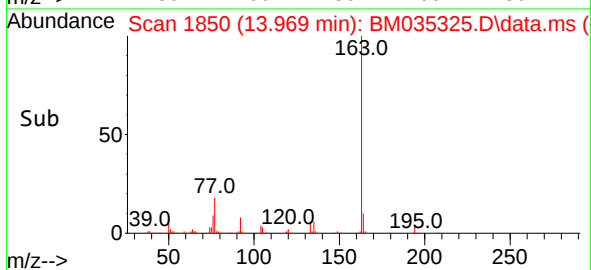
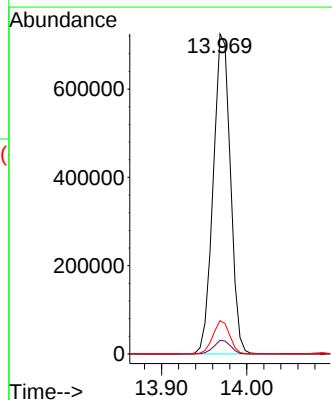
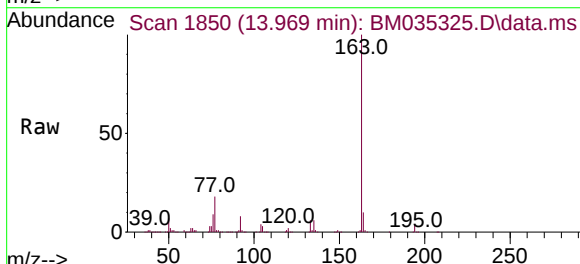
Instrument :
BNA_M
ClientSampleId :
PB145012BS

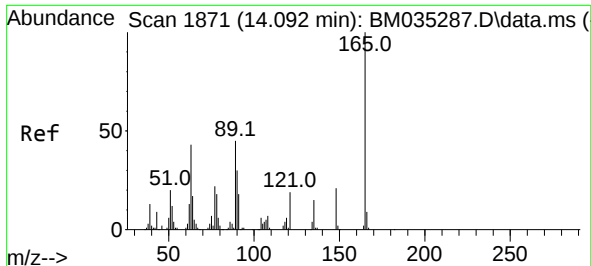
Tgt Ion:152 Resp: 1335433
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.5 10.5 15.7



#50
Dimethylphthalate
Concen: 41.660 ng
RT: 13.969 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:163 Resp: 1014845
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.4 8.4 12.6

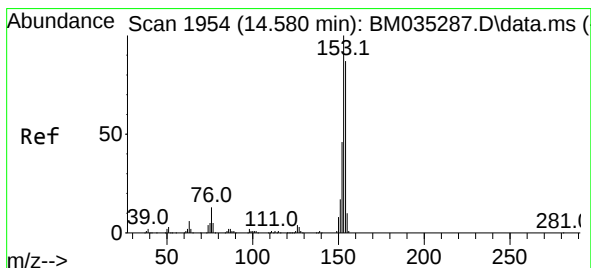
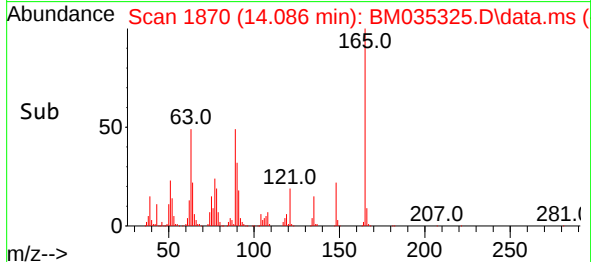
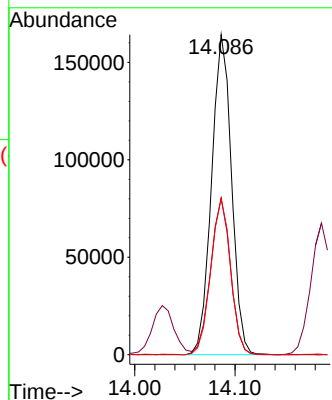
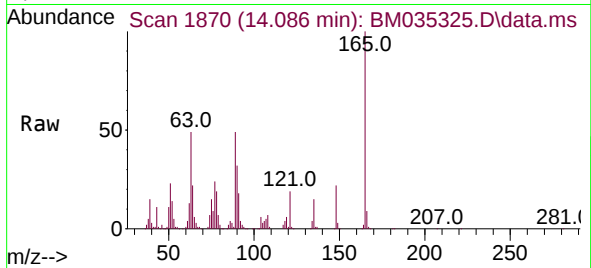




#51
2,6-Dinitrotoluene
Concen: 45.465 ng
RT: 14.086 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

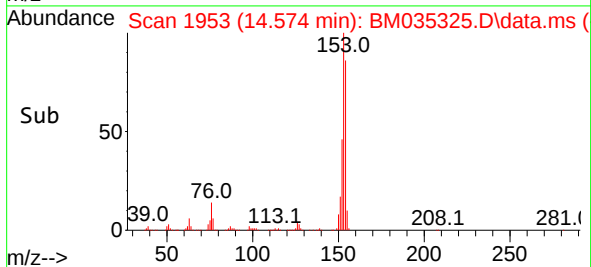
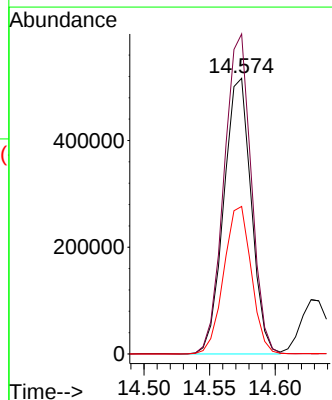
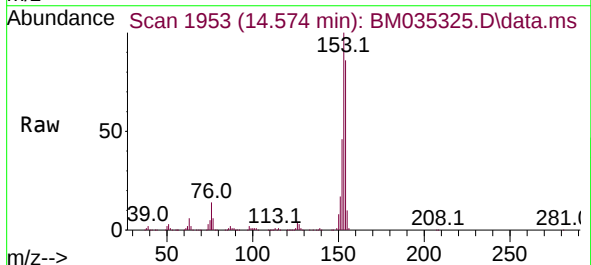
Instrument :
BNA_M
ClientSampleId :
PB145012BS

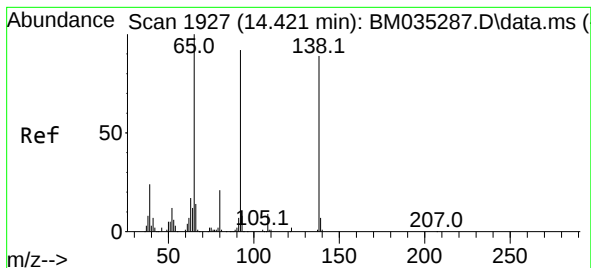
Tgt Ion:165 Resp: 227356
Ion Ratio Lower Upper
165 100
63 48.9 50.2 75.2#
89 48.8 48.4 72.6



#52
Acenaphthene
Concen: 42.247 ng
RT: 14.574 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:154 Resp: 752801
Ion Ratio Lower Upper
154 100
153 116.1 91.0 136.6
152 53.5 43.4 65.2

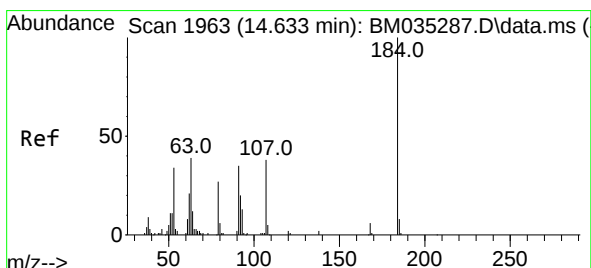
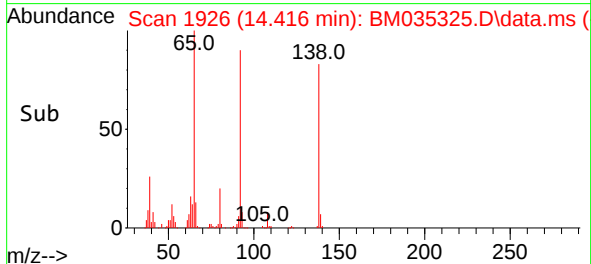
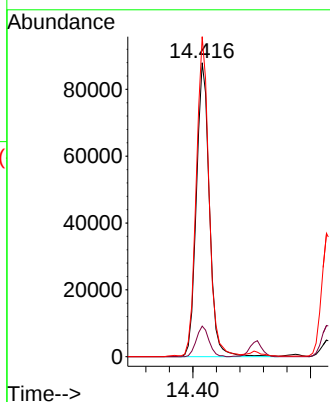
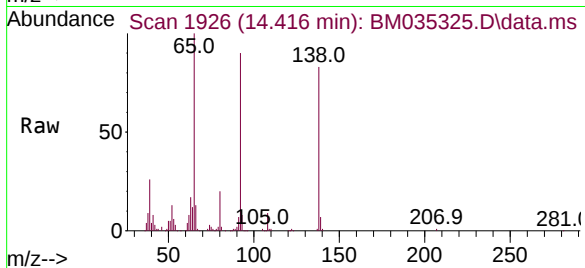




#53
3-Nitroaniline
Concen: 27.300 ng
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

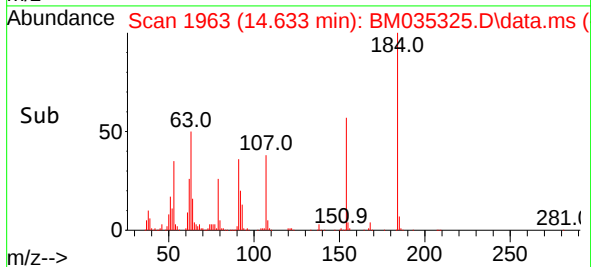
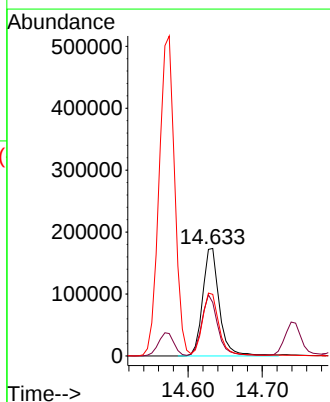
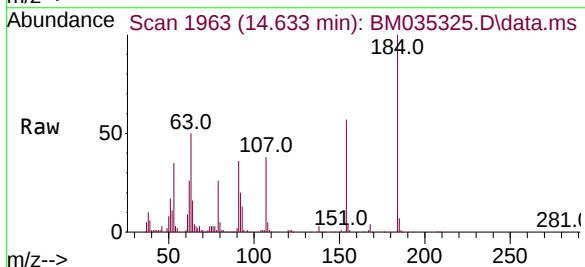
Instrument :
BNA_M
ClientSampleId :
PB145012BS

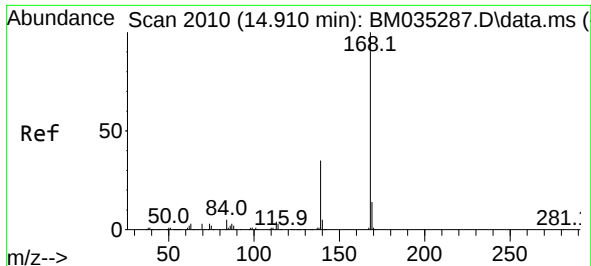
Tgt Ion:138 Resp: 135248
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 108.9 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 85.255 ng
RT: 14.633 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:184 Resp: 272309
Ion Ratio Lower Upper
184 100
63 49.7 59.5 89.3#
154 57.3 55.6 83.4

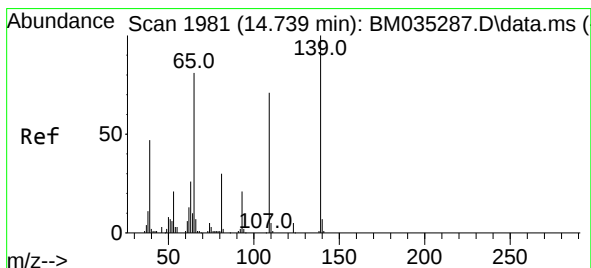
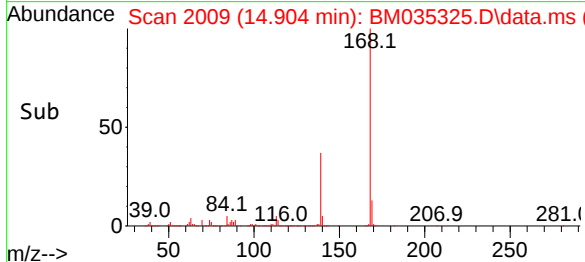
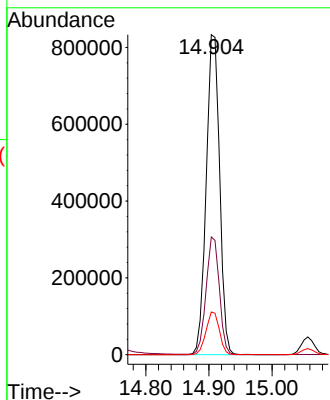
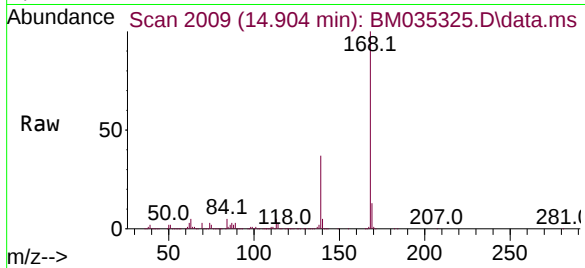




#55
Dibenzenofuran
Concen: 40.788 ng
RT: 14.904 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

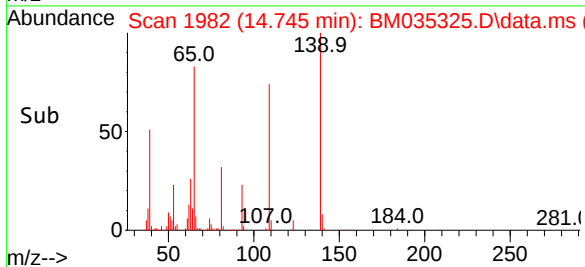
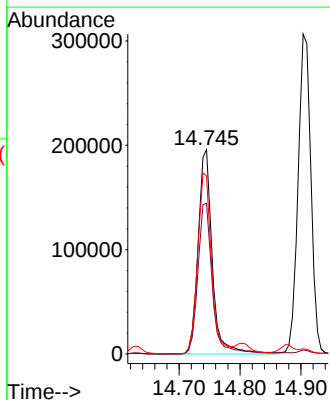
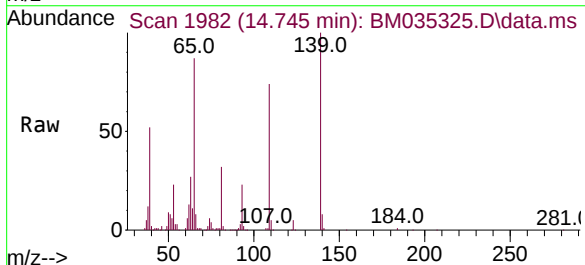
Instrument :
BNA_M
ClientSampleId :
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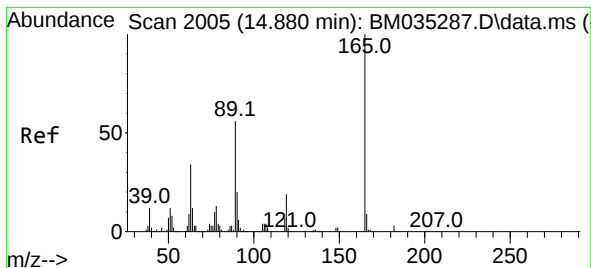
Tgt Ion:168 Resp: 1224083
Ion Ratio Lower Upper
168 100
139 36.8 32.2 48.2
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 82.659 ng
RT: 14.745 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

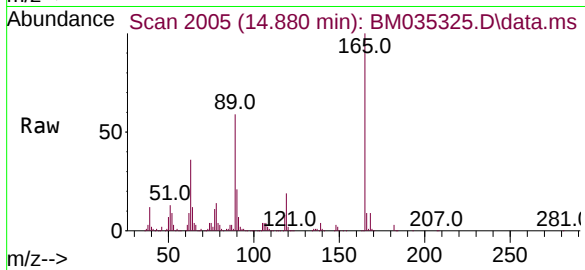
Tgt Ion:139 Resp: 315719
Ion Ratio Lower Upper
139 100
109 73.7 62.5 102.5
65 87.2 83.5 123.5



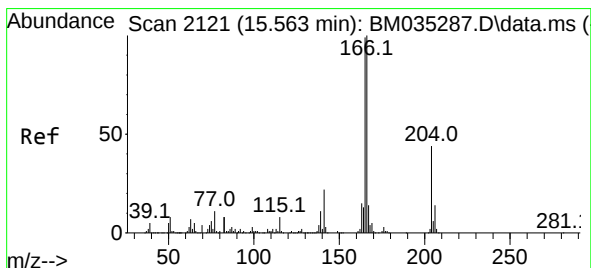
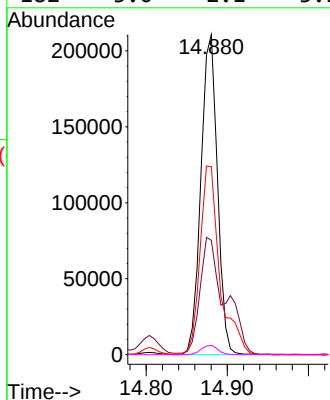
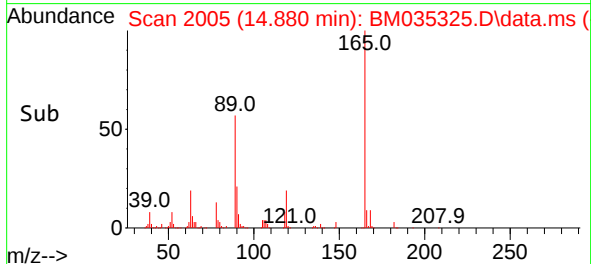


#57
2,4-Dinitrotoluene
Concen: 44.330 ng
RT: 14.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

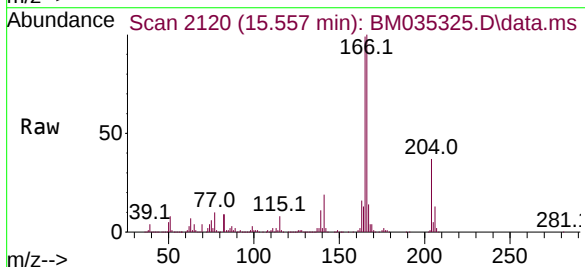
Instrument :
BNA_M
ClientSampleId :
PB145012BS



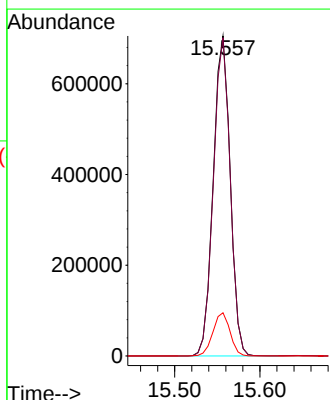
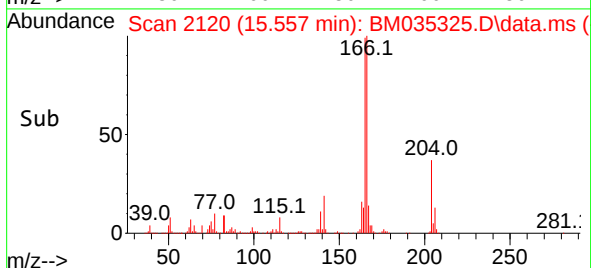
Tgt Ion:165 Resp: 297359
Ion Ratio Lower Upper
165 100
63 35.8 35.6 53.4
89 58.8 57.3 85.9
182 3.0 2.1 3.1

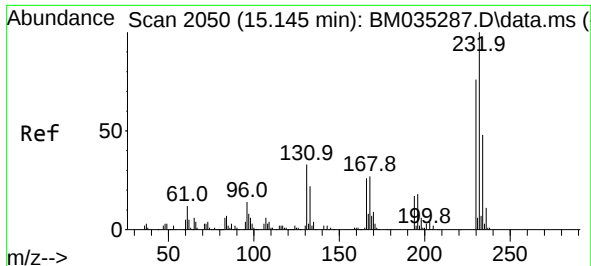


#58
Fluorene
Concen: 41.689 ng
RT: 15.557 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39



Tgt Ion:166 Resp: 975482
Ion Ratio Lower Upper
166 100
165 99.5 79.4 119.2
167 13.5 10.6 16.0

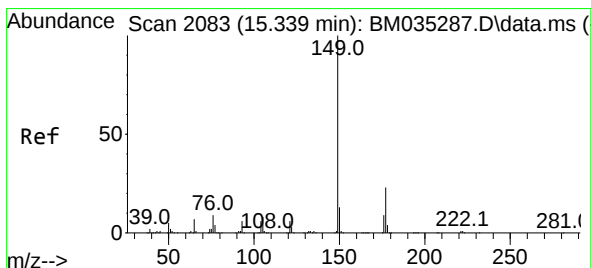
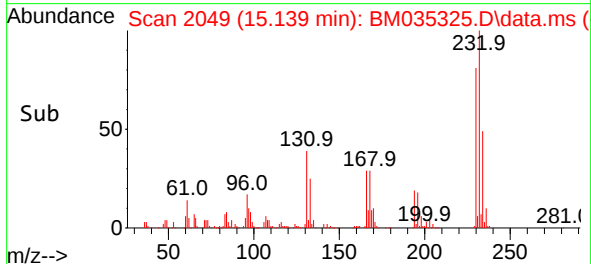
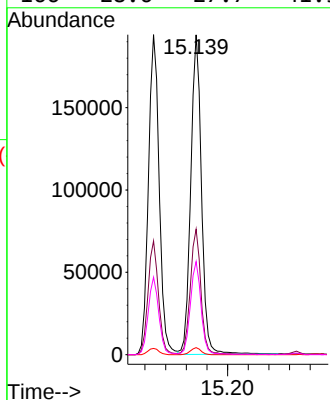
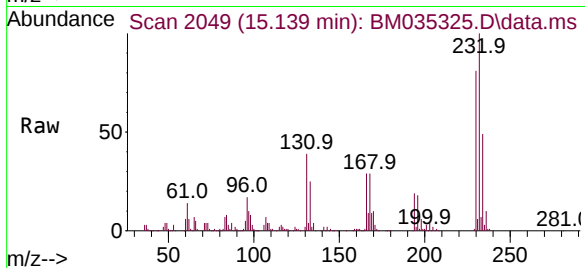




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.382 ng
RT: 15.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

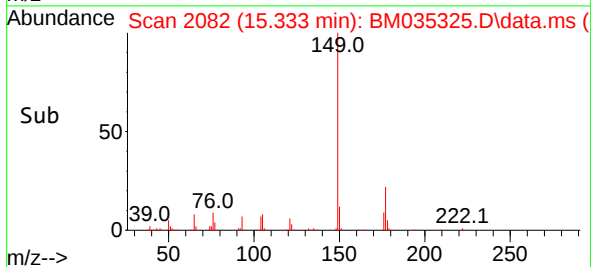
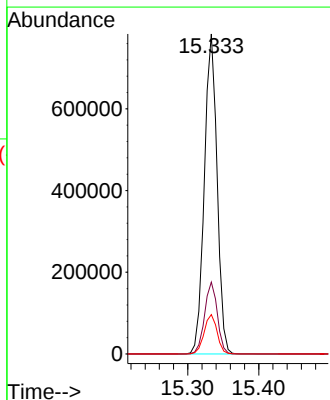
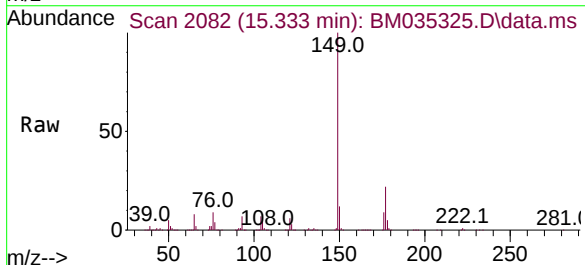
Instrument :
BNA_M
ClientSampleId :
PB145012BS

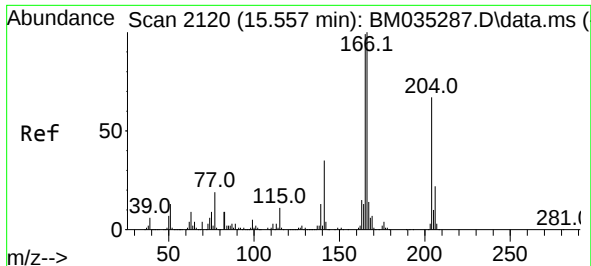
Tgt Ion:232 Resp: 279276
Ion Ratio Lower Upper
232 100
131 38.5 41.0 61.6#
130 2.1 2.3 3.5#
166 28.6 27.7 41.5



#60
Diethylphthalate
Concen: 41.079 ng
RT: 15.333 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:149 Resp: 977706
Ion Ratio Lower Upper
149 100
177 22.4 16.9 25.3
150 12.3 10.1 15.1

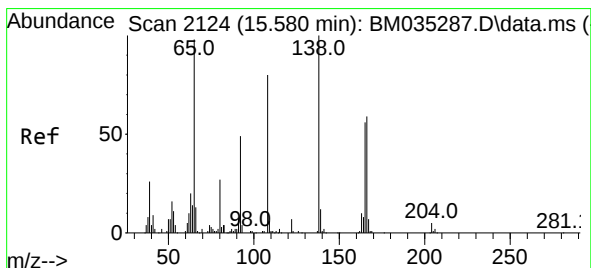
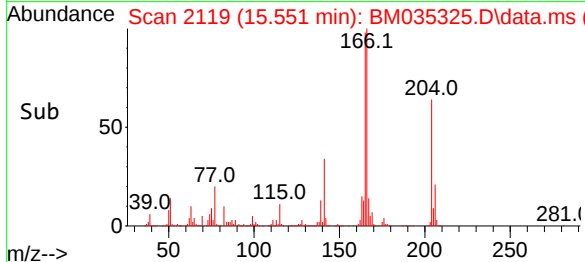
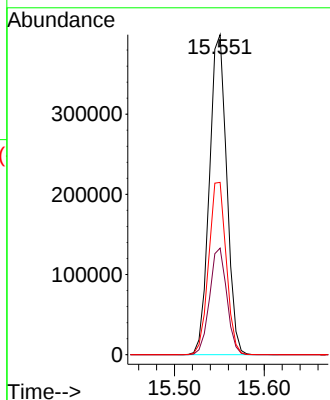
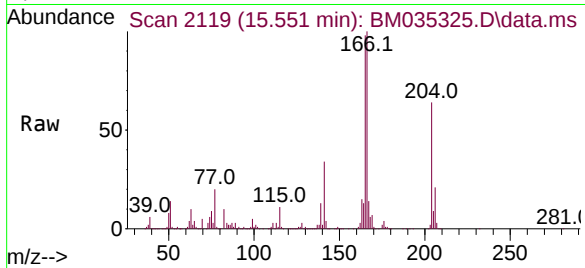




#61
4-Chlorophenyl-phenylether
Concen: 41.971 ng
RT: 15.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

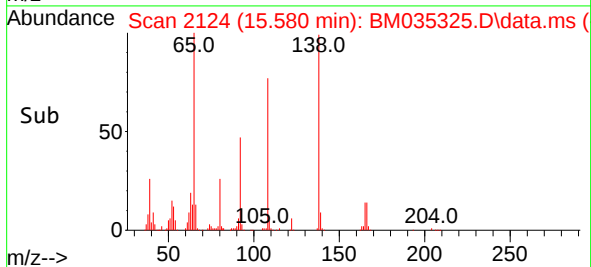
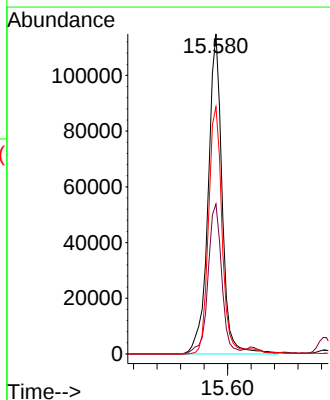
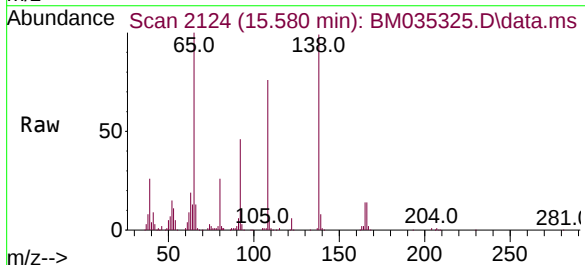
Instrument :
BNA_M
ClientSampleId :
PB145012BS

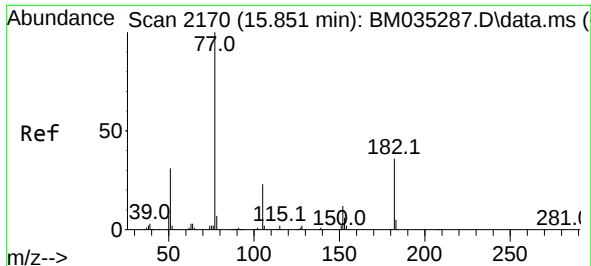
Tgt Ion:204 Resp: 534699
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 53.8 51.2 76.8



#62
4-Nitroaniline
Concen: 38.025 ng
RT: 15.580 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:138 Resp: 190266
Ion Ratio Lower Upper
138 100
92 46.9 30.8 70.8
108 77.3 65.7 105.7

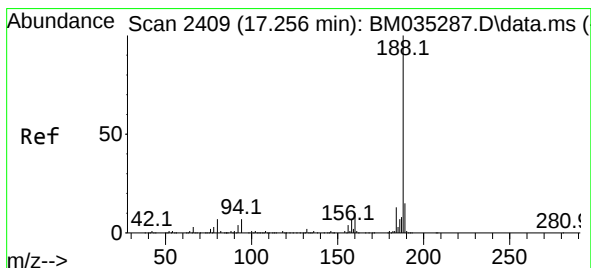
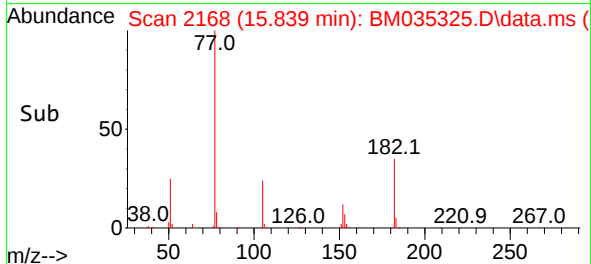
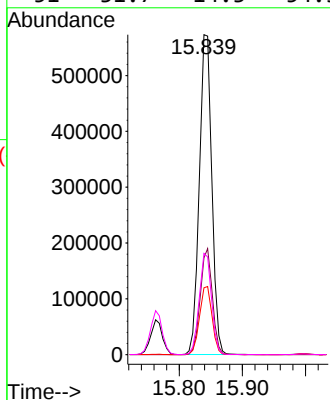
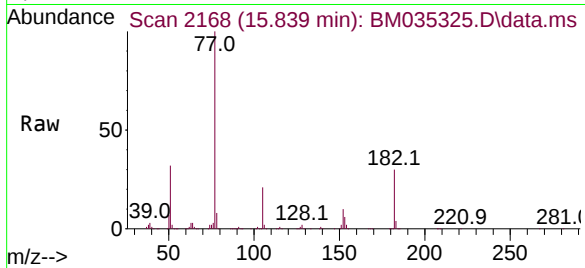




#63
Azobenzene
Concen: 39.024 ng
RT: 15.839 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

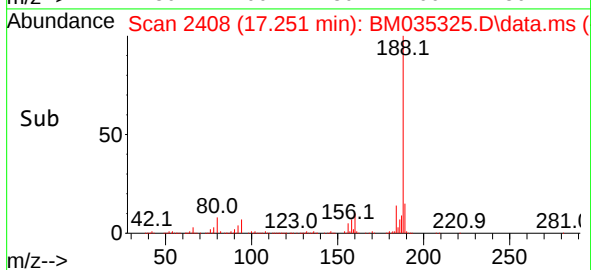
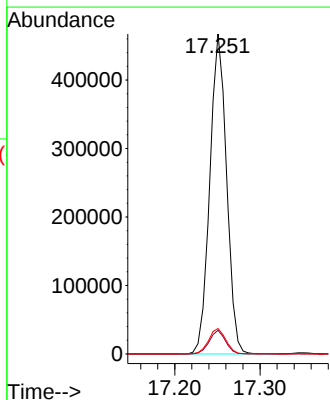
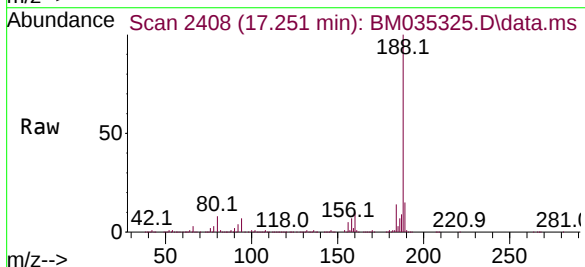
Instrument :
BNA_M
ClientSampleId :
PB145012BS

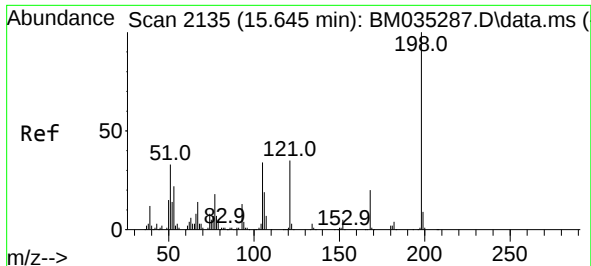
Tgt Ion: 77	Resp: 785810
Ion Ratio	Lower Upper
77 100	
182 30.3	4.9 44.9
105 20.9	0.0 39.6
51 31.7	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:188	Resp: 638348		
Ion Ratio	Lower	Upper	
188 100			
94 7.4	7.0	10.4	
80 8.0	7.6	11.4	

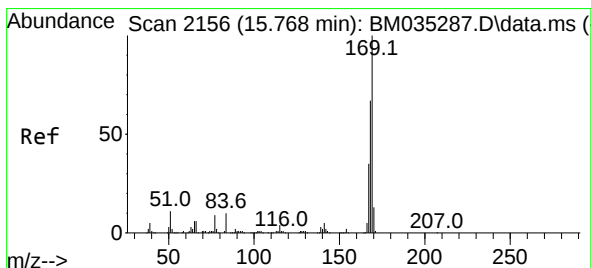
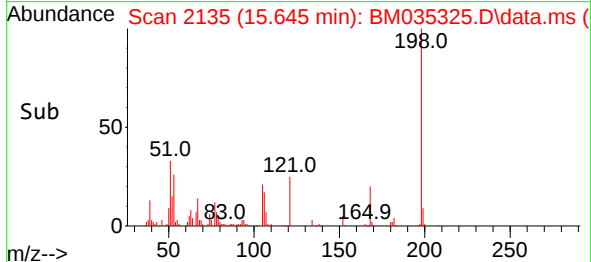
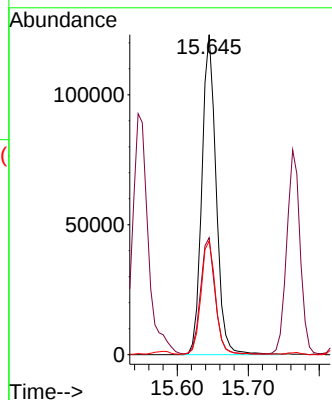
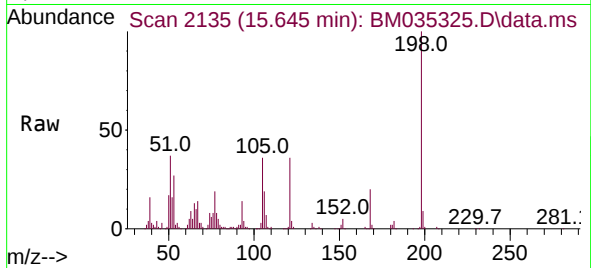




#65
4,6-Dinitro-2-methylphenol
Concen: 43.070 ng
RT: 15.645 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

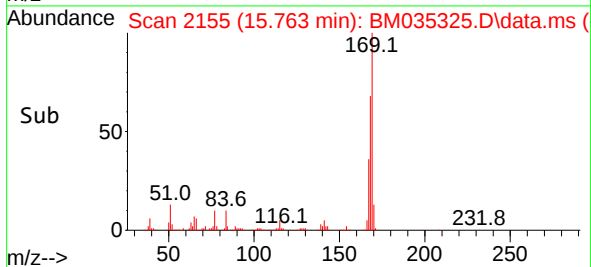
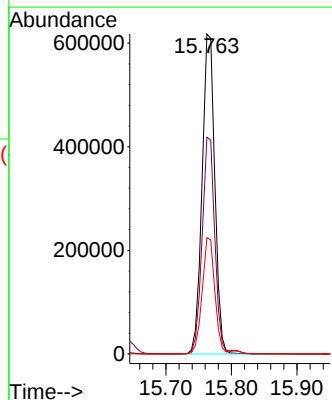
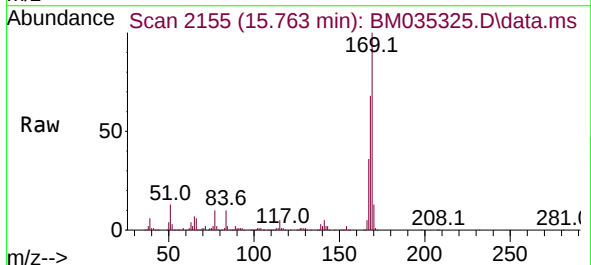
Instrument :
BNA_M
ClientSampleId :
PB145012BS

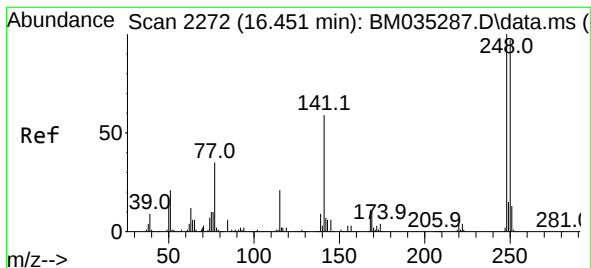
Tgt Ion:198 Resp: 172436
Ion Ratio Lower Upper
198 100
51 36.5 29.0 69.0
105 35.5 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 45.493 ng
RT: 15.763 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:169 Resp: 836401
Ion Ratio Lower Upper
169 100
168 67.7 54.3 81.5
167 36.4 29.4 44.0

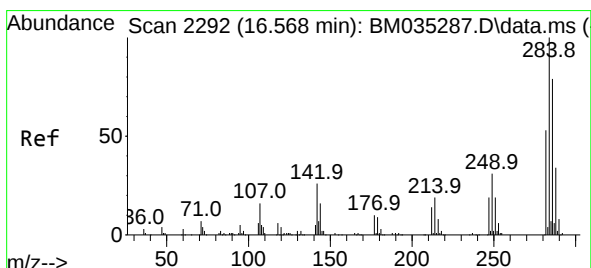
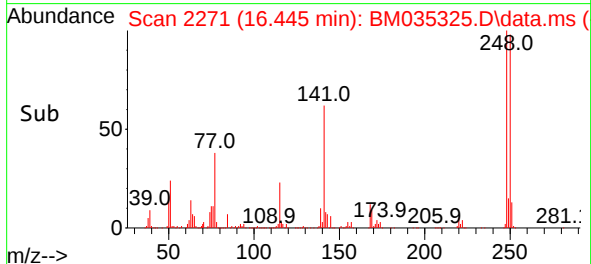
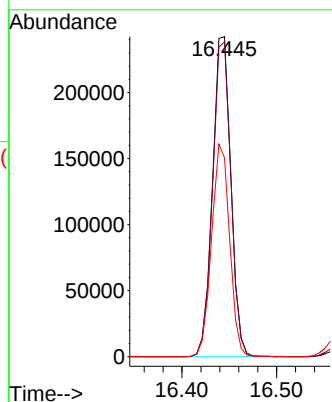
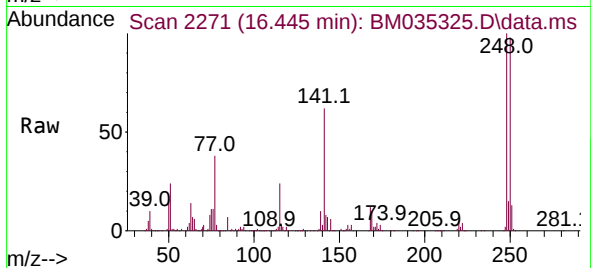




#67
4-Bromophenyl-phenylether
Concen: 45.674 ng
RT: 16.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

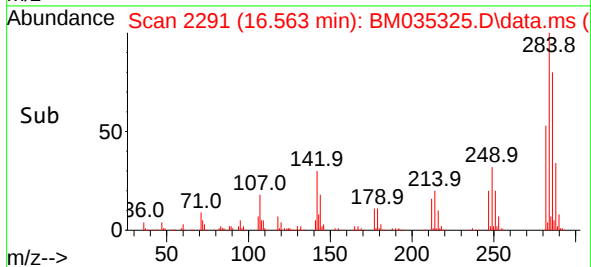
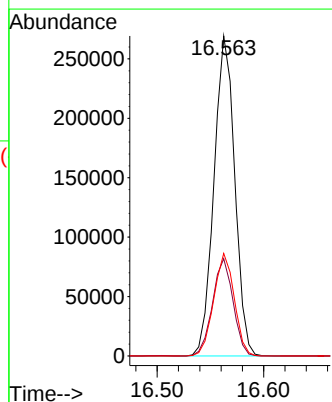
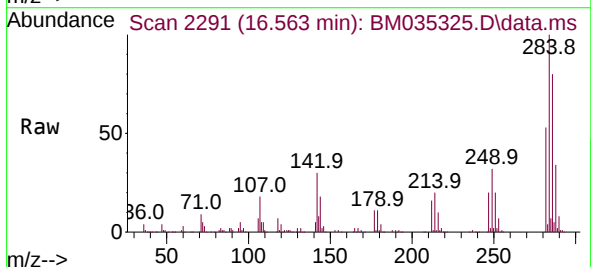
Instrument :
BNA_M
ClientSampleId :
PB145012BS

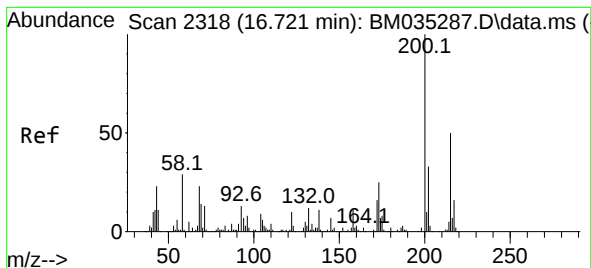
Tgt Ion:248 Resp: 326001
Ion Ratio Lower Upper
248 100
250 98.4 78.0 117.0
141 62.2 66.0 99.0#



#68
Hexachlorobenzene
Concen: 45.812 ng
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:284 Resp: 364256
Ion Ratio Lower Upper
284 100
142 30.4 33.6 50.4#
249 32.1 26.2 39.2





#69

Atrazine

Concen: 47.834 ng

RT: 16.721 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

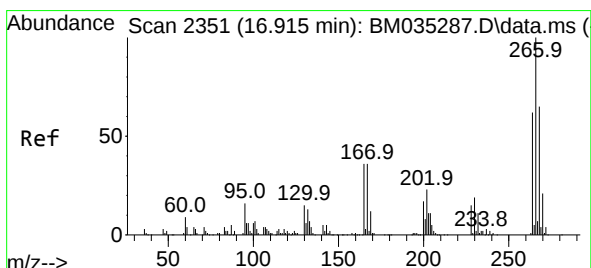
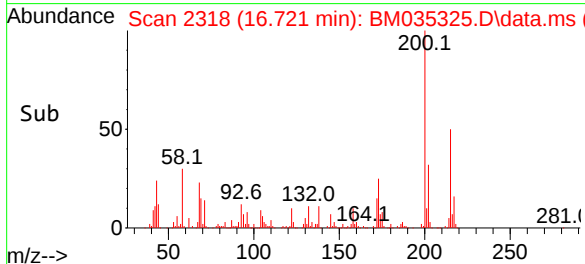
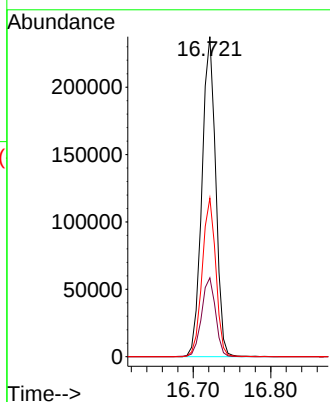
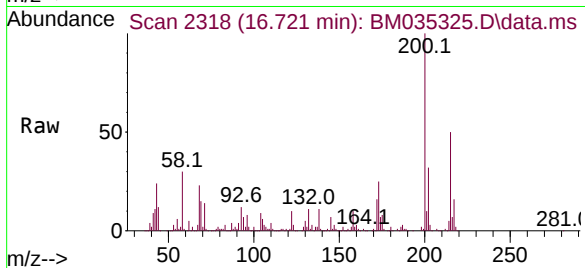
Tgt Ion:200 Resp: 292716

Ion Ratio Lower Upper

200 100

173 24.7 6.6 46.6

215 49.6 26.2 66.2



#70

Pentachlorophenol

Concen: 89.185 ng

RT: 16.910 min Scan# 2350

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

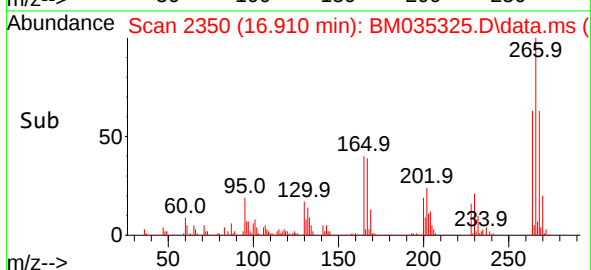
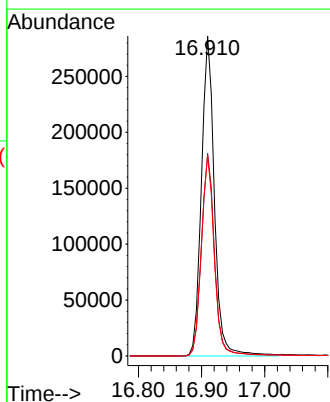
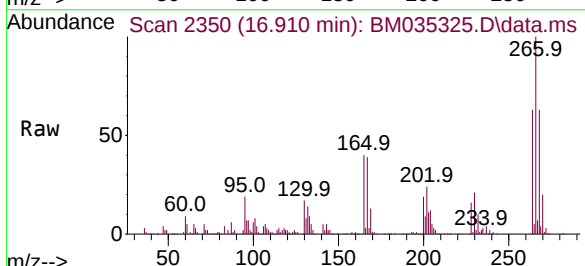
Tgt Ion:266 Resp: 409568

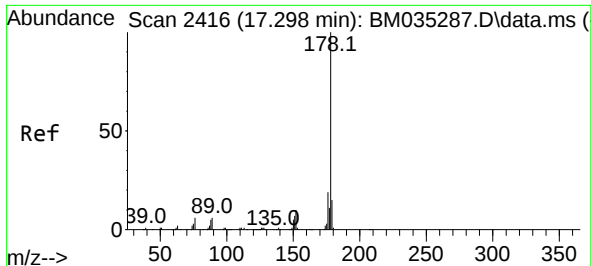
Ion Ratio Lower Upper

266 100

268 63.3 51.9 77.9

264 62.6 50.6 76.0

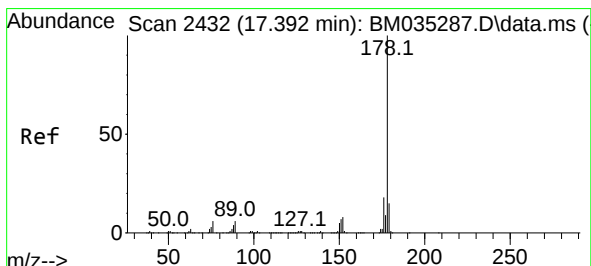
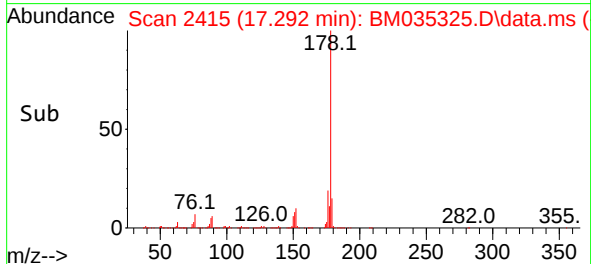
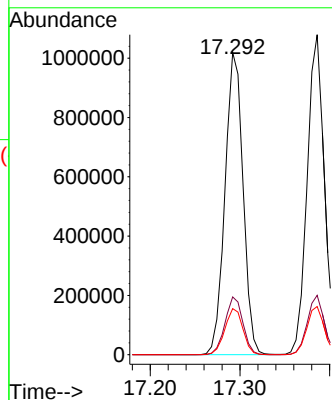
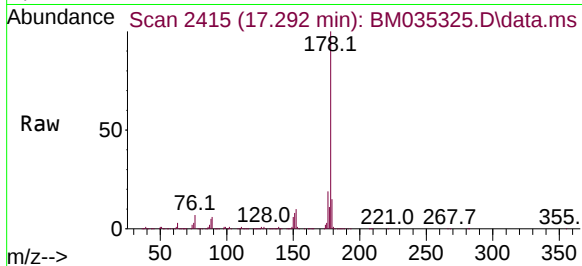




#71
 Phenanthrene
 Concen: 43.440 ng
 RT: 17.292 min Scan# 2416
 Delta R.T. 0.000 min
 Lab File: BM035325.D
 Acq: 31 May 2022 13:39

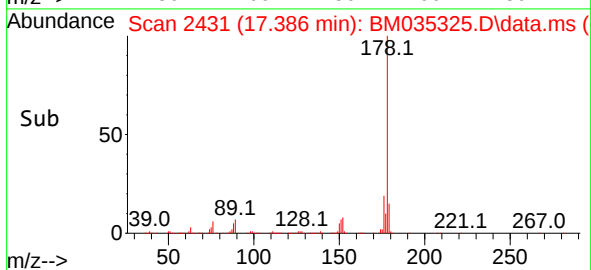
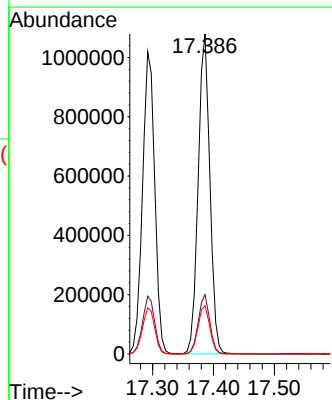
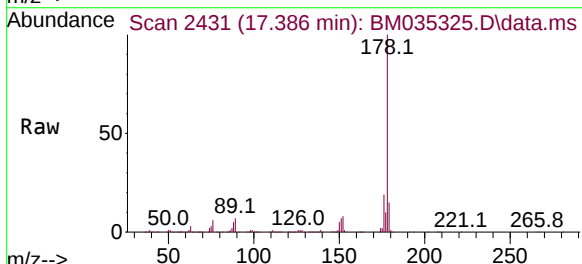
Instrument :
 BNA_M
 ClientSampleId :
 PB145012BS

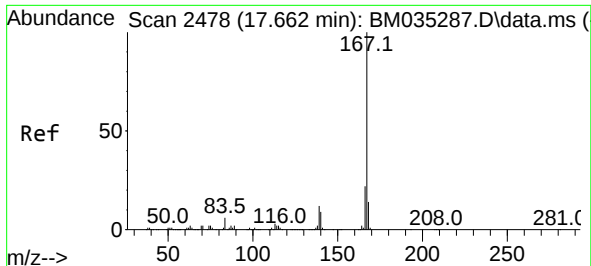
Tgt Ion:178 Resp: 1424706
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.2 12.4 18.6



#72
 Anthracene
 Concen: 44.964 ng
 RT: 17.386 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BM035325.D
 Acq: 31 May 2022 13:39

Tgt Ion:178 Resp: 1439507
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.0 22.4
 179 15.0 12.2 18.2



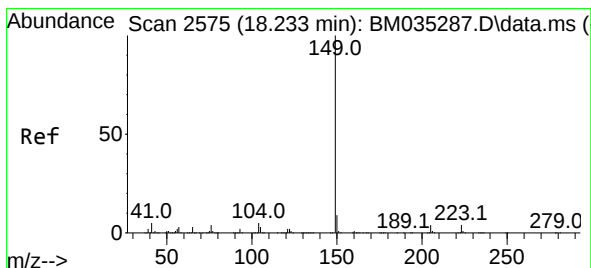
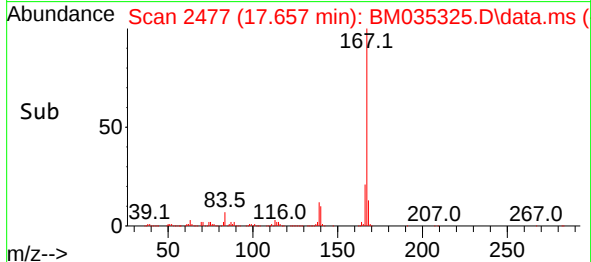
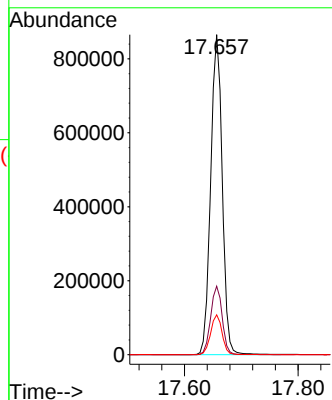
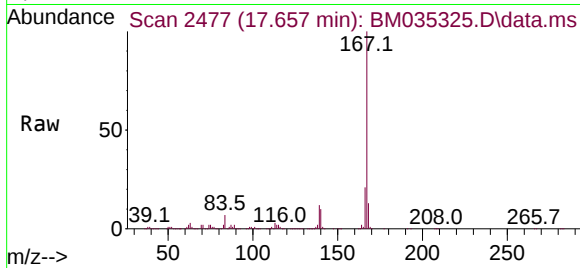


#73
 Carbazole
 Concen: 39.962 ng
 RT: 17.657 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BM035325.D
 Acq: 31 May 2022 13:39

Instrument :
 BNA_M
 ClientSampleId :
 PB145012BS

Tgt Ion:167 Resp: 1216711

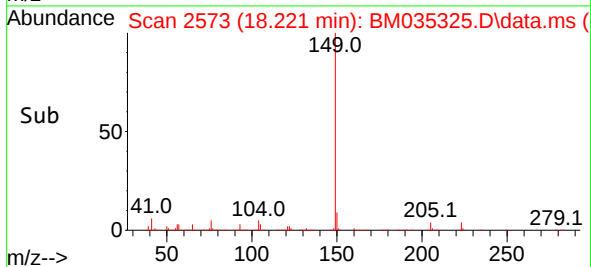
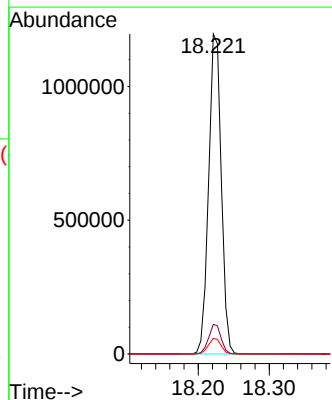
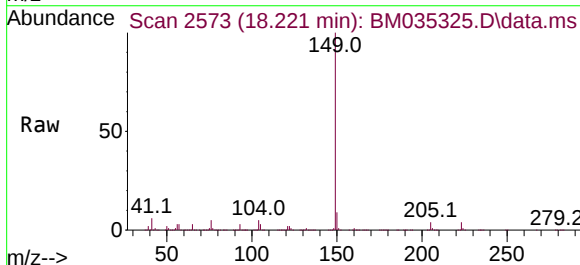
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.8	26.8
139	12.5	10.9	16.3

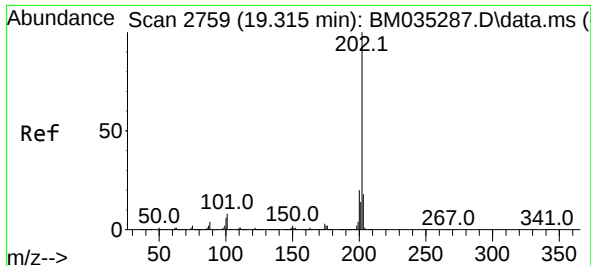


#74
 Di-n-butylphthalate
 Concen: 41.925 ng
 RT: 18.221 min Scan# 2573
 Delta R.T. 0.000 min
 Lab File: BM035325.D
 Acq: 31 May 2022 13:39

Tgt Ion:149 Resp: 1481024

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	4.3	6.5

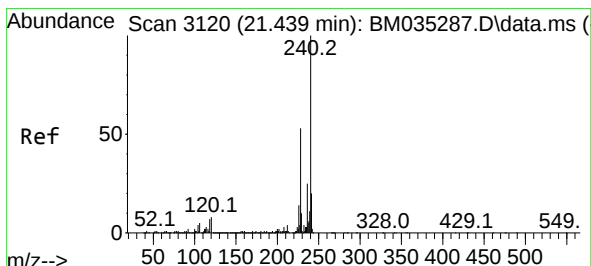
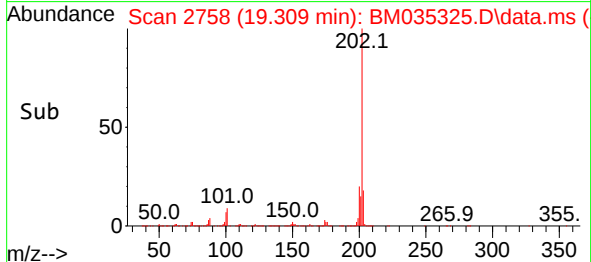
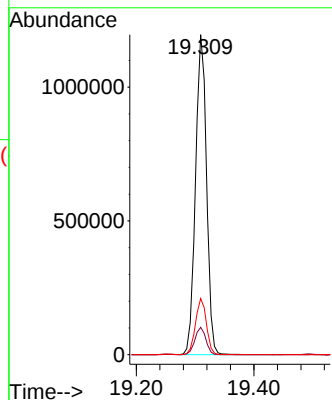
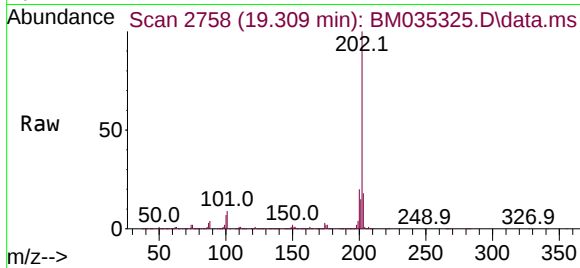




#75
Fluoranthene
Concen: 40.319 ng
RT: 19.309 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

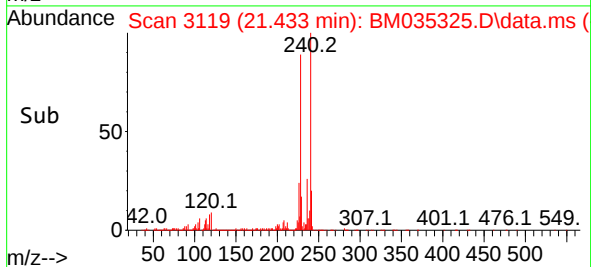
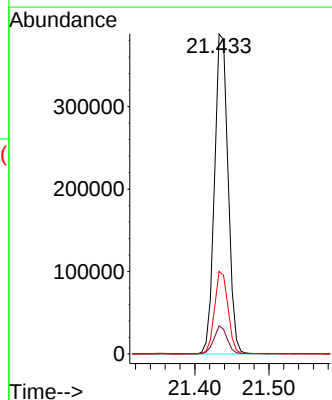
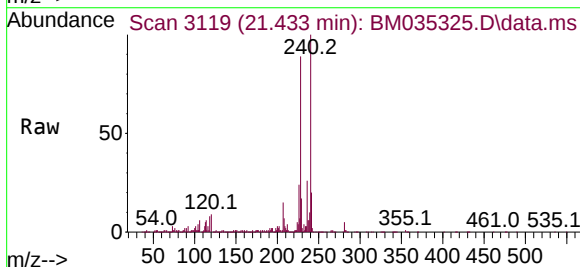
Instrument :
BNA_M
ClientSampleId :
PB145012BS

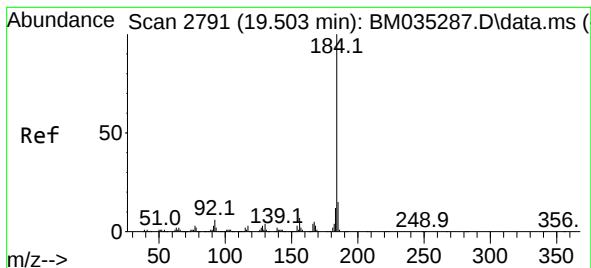
Tgt Ion:202 Resp: 1548850
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.6
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:240 Resp: 493730
Ion Ratio Lower Upper
240 100
120 8.8 9.4 14.0#
236 25.8 20.6 30.8





#77

Benzidine

Concen: 51.492 ng

RT: 19.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

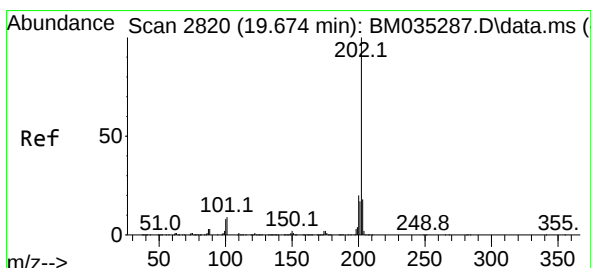
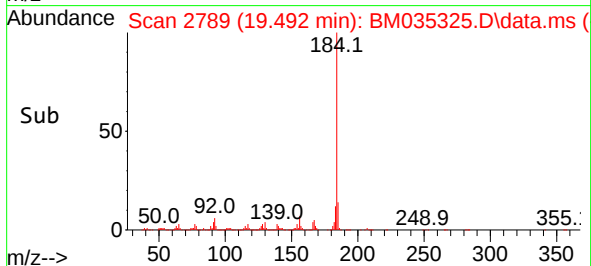
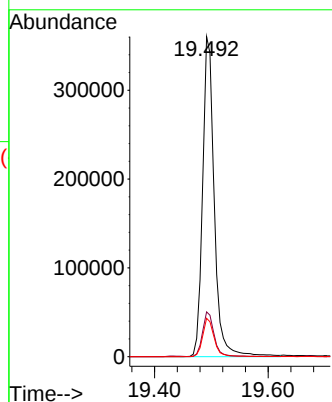
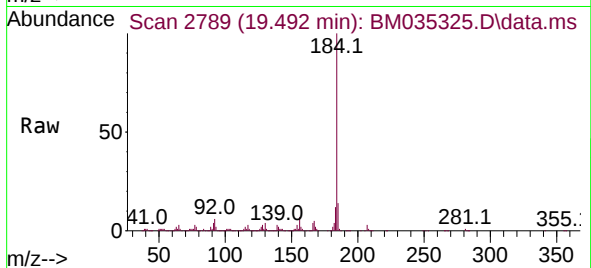
Tgt Ion:184 Resp: 514996

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

183 12.0 9.5 14.3



#78

Pyrene

Concen: 47.980 ng

RT: 19.674 min Scan# 2820

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

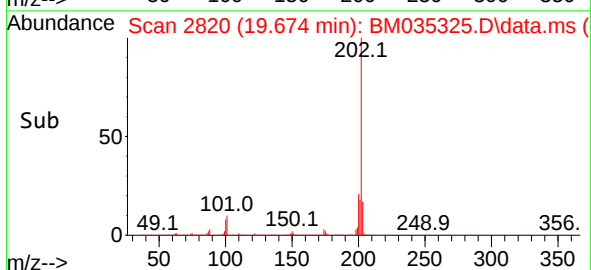
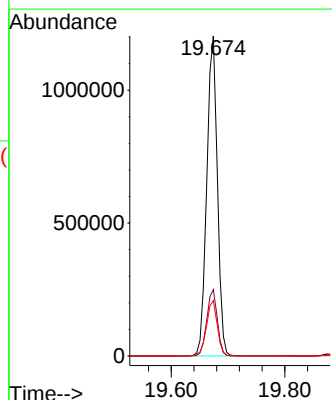
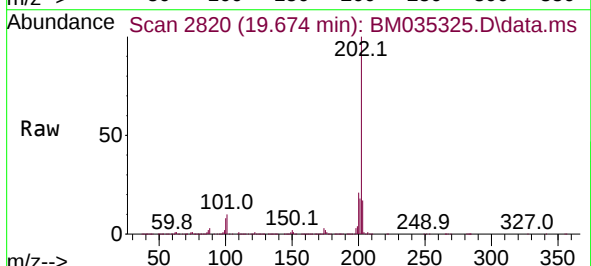
Tgt Ion:202 Resp: 1554147

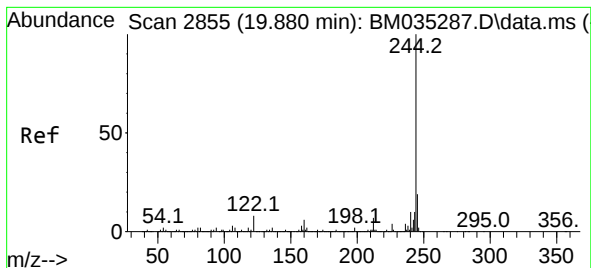
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 90.792 ng

RT: 19.874 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

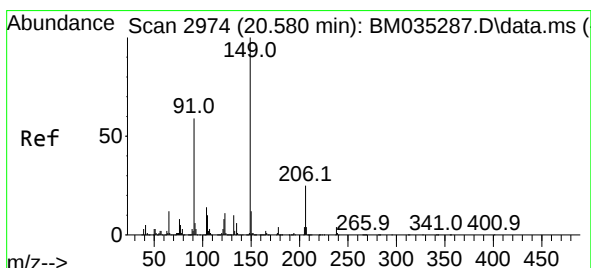
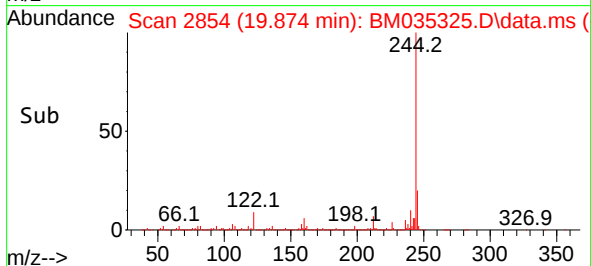
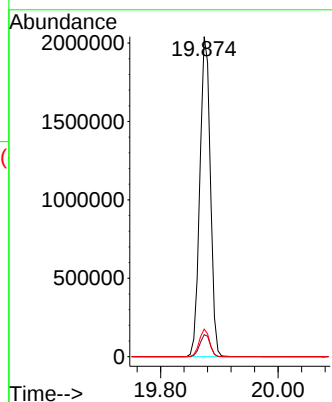
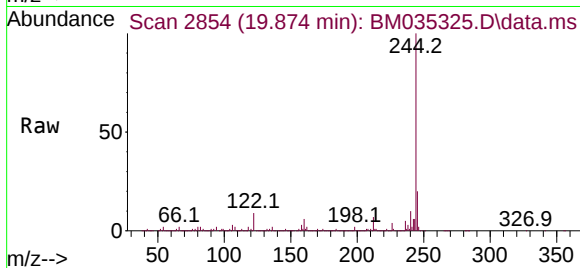
Tgt Ion:244 Resp: 2529743

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

122 8.6 8.3 12.5



#80

Butylbenzylphthalate

Concen: 46.401 ng

RT: 20.574 min Scan# 2973

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

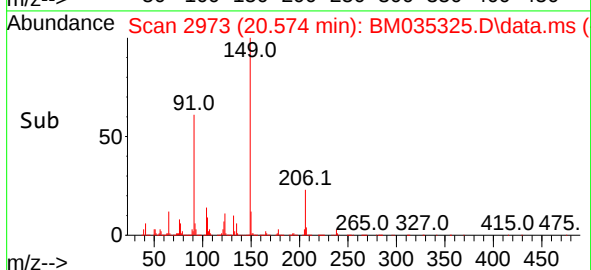
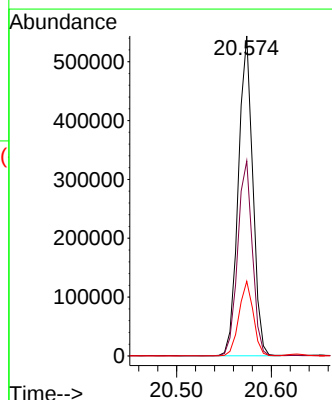
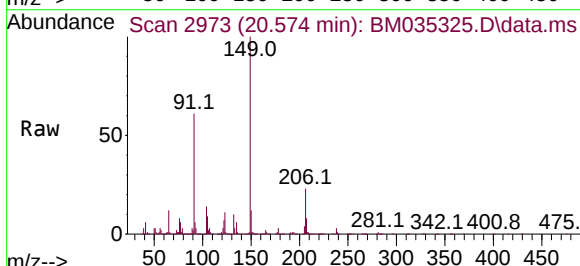
Tgt Ion:149 Resp: 574870

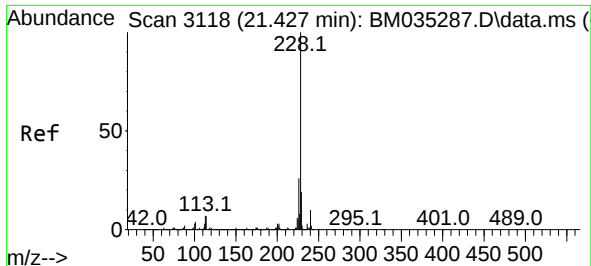
Ion Ratio Lower Upper

149 100

91 60.9 56.6 85.0

206 23.4 15.4 23.0#

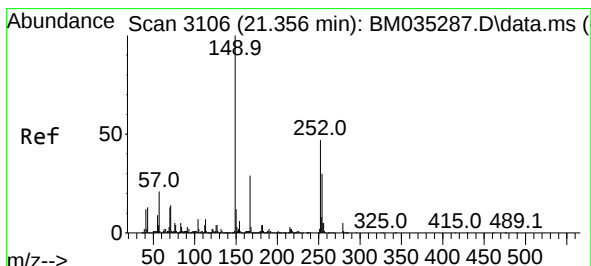
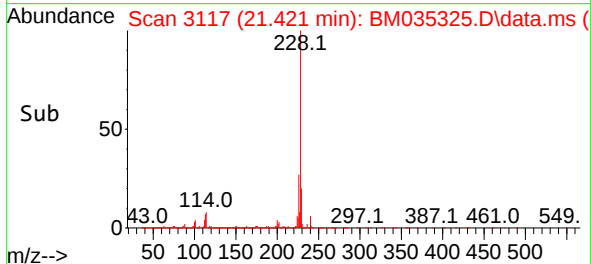
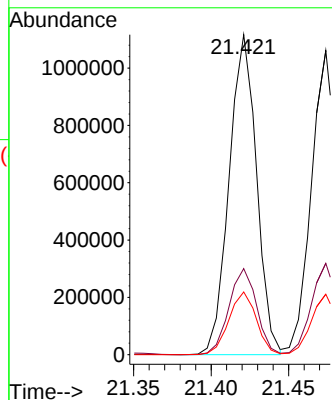
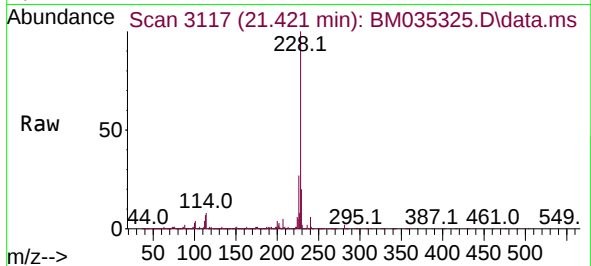




#81
Benzo(a)anthracene
Concen: 43.980 ng
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

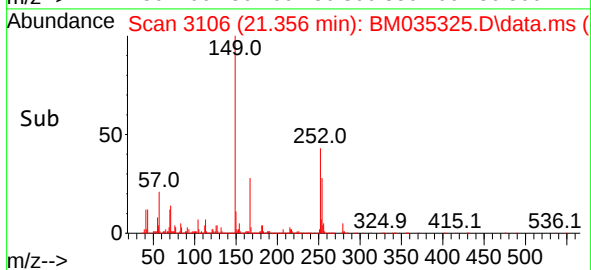
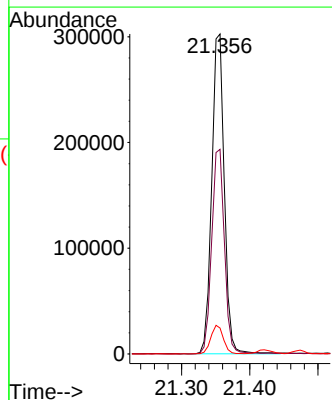
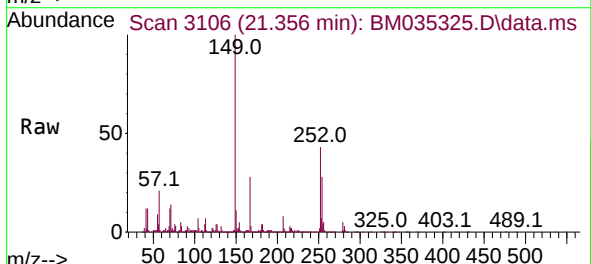
Instrument :
BNA_M
ClientSampleId :
PB145012BS

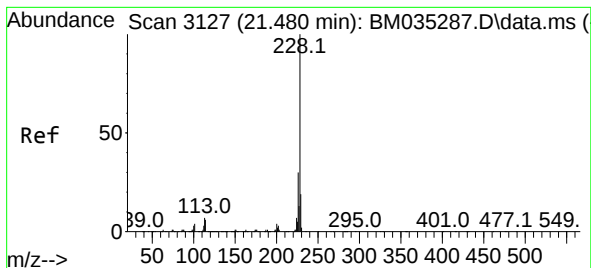
Tgt Ion:228 Resp: 1373175
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 50.067 ng
RT: 21.356 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:252 Resp: 387024
Ion Ratio Lower Upper
252 100
254 64.0 51.7 77.5
126 8.1 9.4 14.0#





#83

Chrysene

Concen: 43.061 ng

RT: 21.474 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

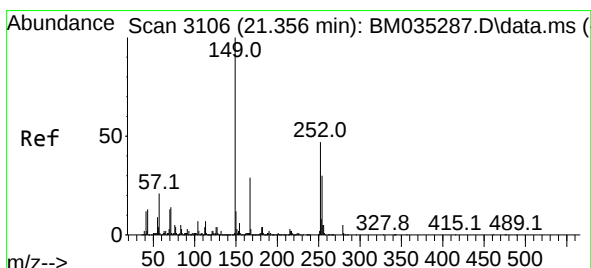
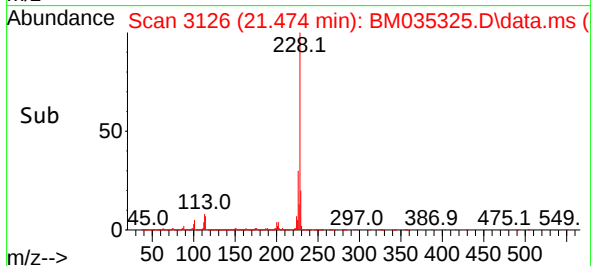
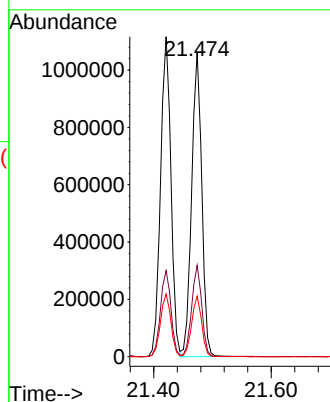
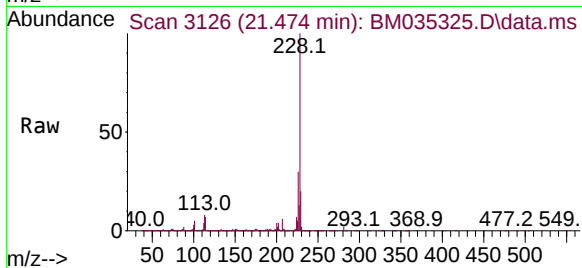
Tgt Ion:228 Resp: 1269117

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.404 ng

RT: 21.350 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

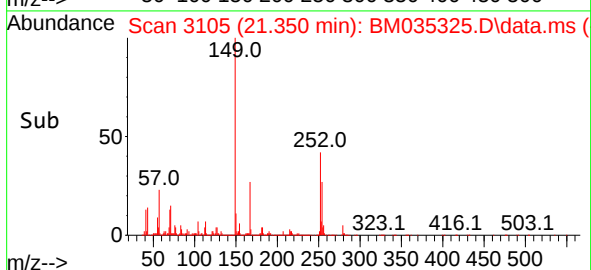
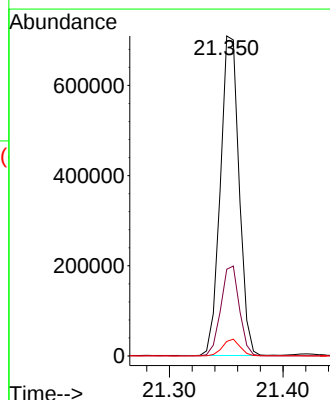
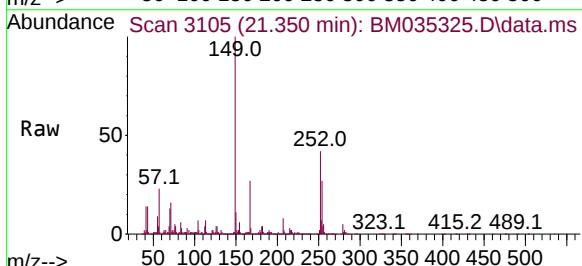
Tgt Ion:149 Resp: 812839

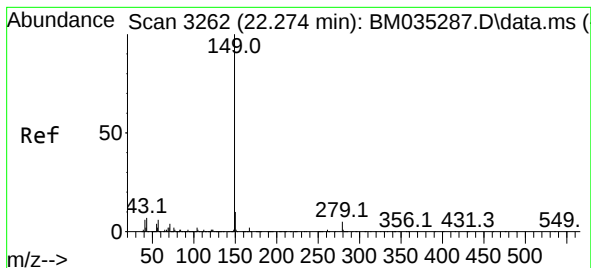
Ion Ratio Lower Upper

149 100

167 27.1 21.1 31.7

279 4.5 2.8 4.2#





#85

Di-n-octyl phthalate

Concen: 44.318 ng

RT: 22.268 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

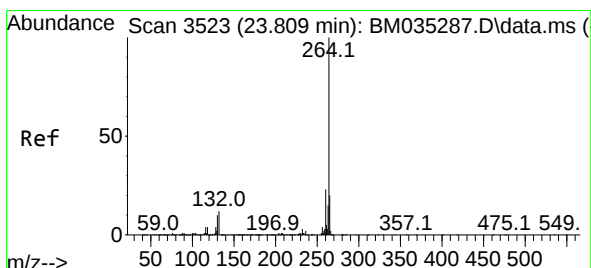
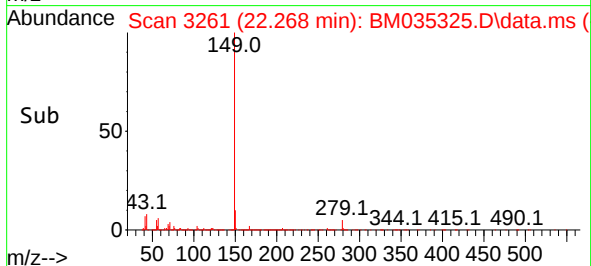
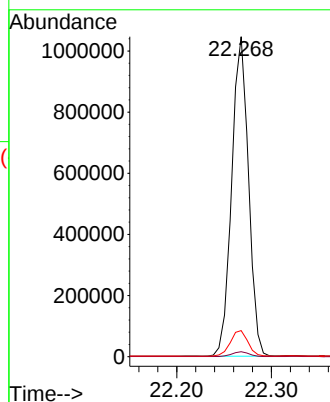
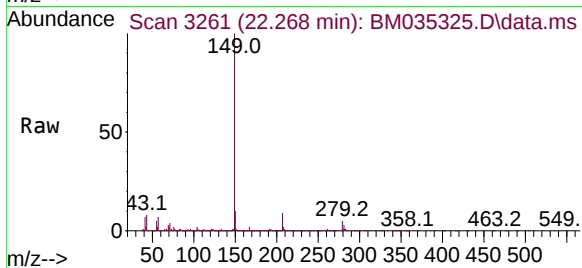
Tgt Ion:149 Resp: 1287873

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3521

Delta R.T. -0.006 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

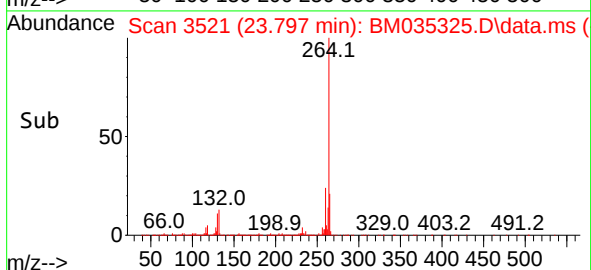
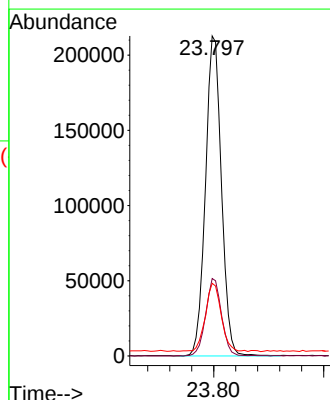
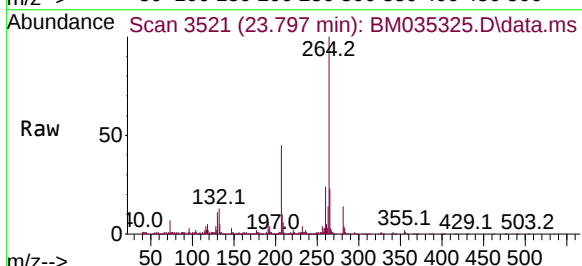
Tgt Ion:264 Resp: 428915

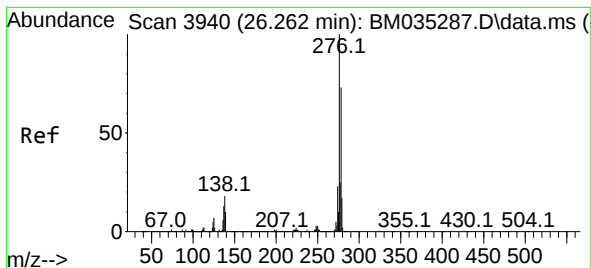
Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.926 ng

RT: 26.250 min Scan# 3400

Delta R.T. -0.006 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

Instrument :

BNA_M

ClientSampleId :

PB145012BS

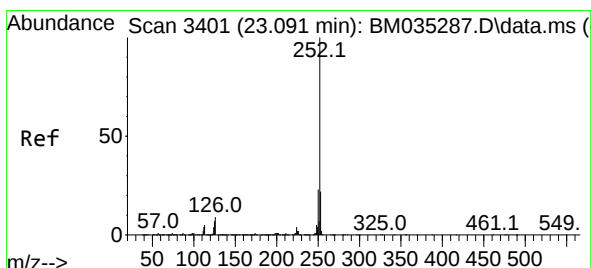
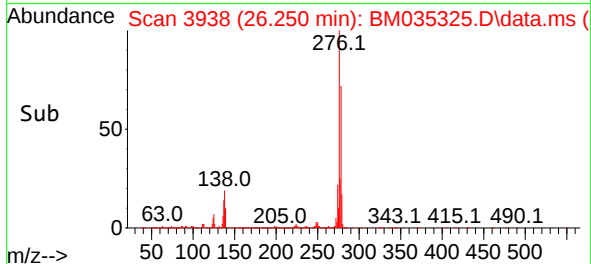
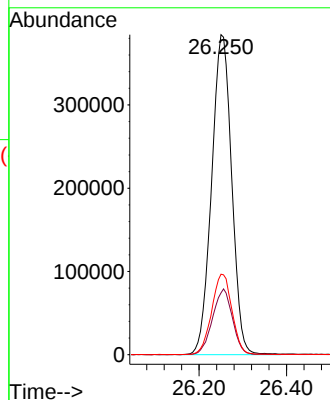
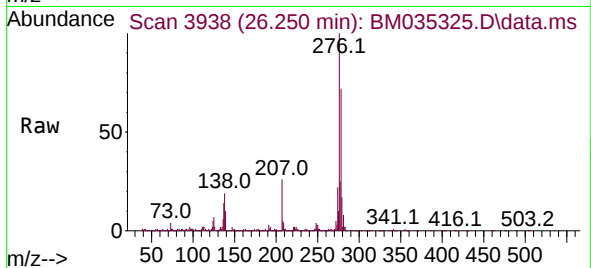
Tgt Ion:276 Resp: 1225198

Ion Ratio Lower Upper

276 100

138 20.4 20.2 30.4

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.671 ng

RT: 23.086 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BM035325.D

Acq: 31 May 2022 13:39

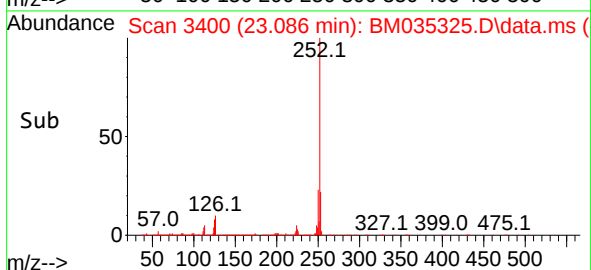
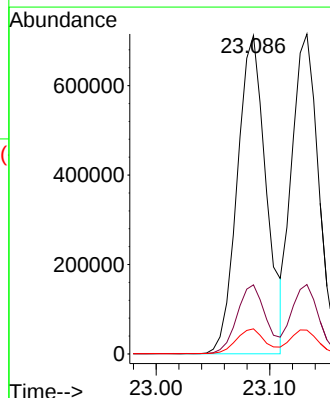
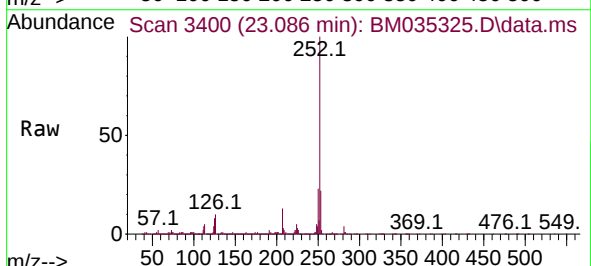
Tgt Ion:252 Resp: 1259448

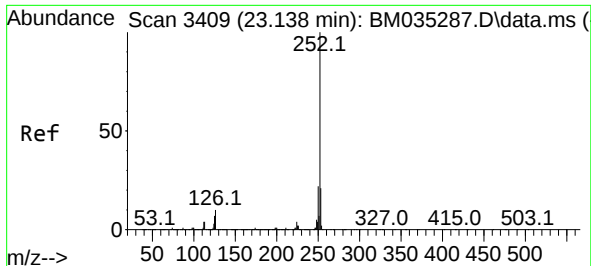
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 7.9 7.6 11.4

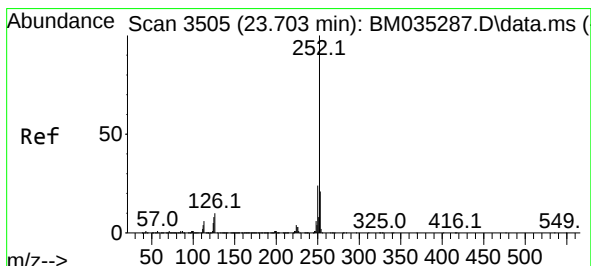
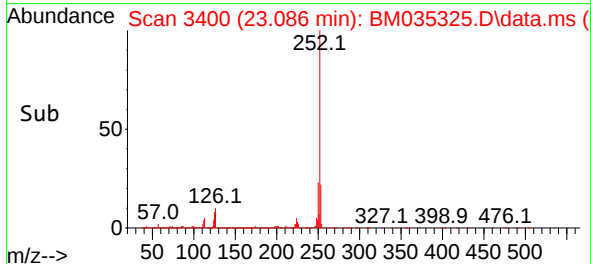
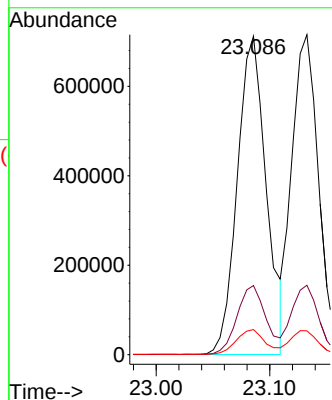
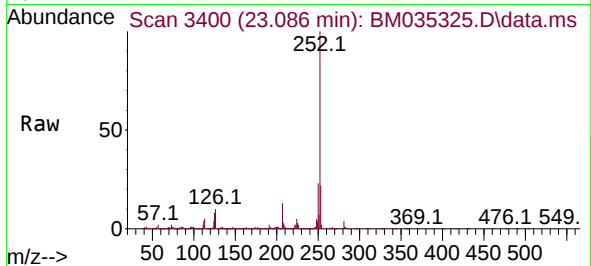




#89
Benzo(k)fluoranthene
Concen: 49.262 ng
RT: 23.086 min Scan# 34
Delta R.T. -0.047 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

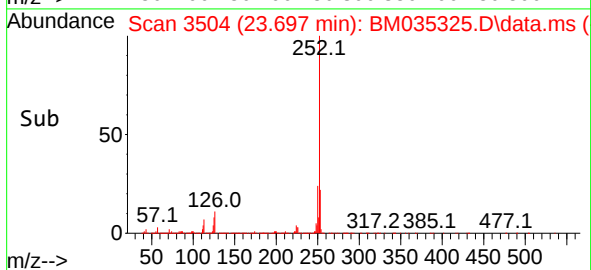
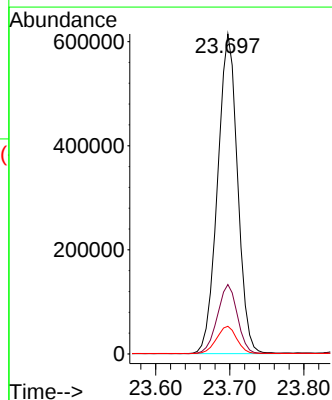
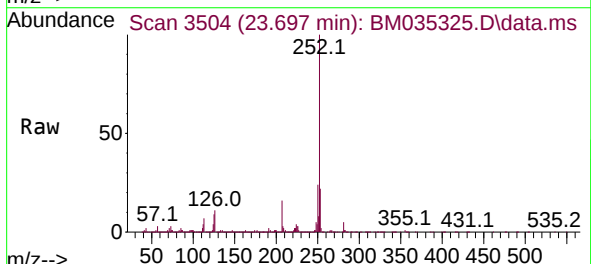
Instrument :
BNA_M
ClientSampleId :
PB145012BS

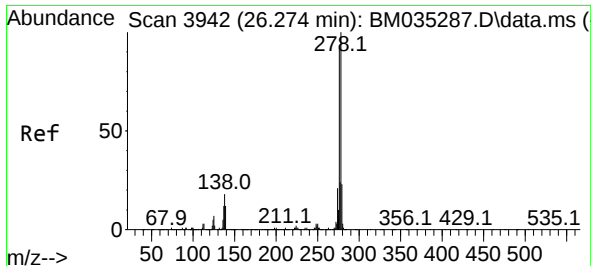
Tgt Ion:252 Resp: 1259448
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.9 7.6 11.4



#90
Benzo(a)pyrene
Concen: 53.665 ng
RT: 23.697 min Scan# 3504
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:252 Resp: 1150980
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.6 8.7 13.1#

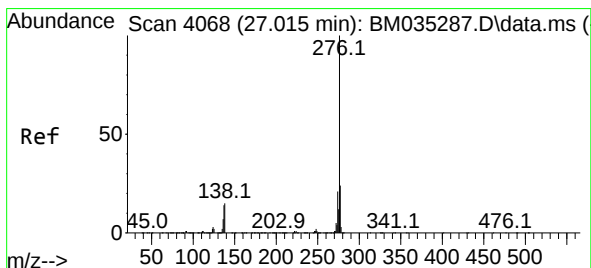
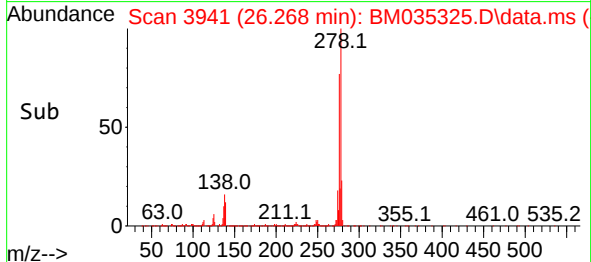
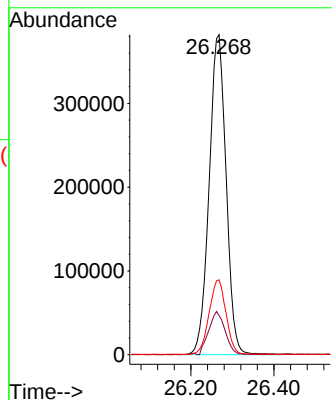
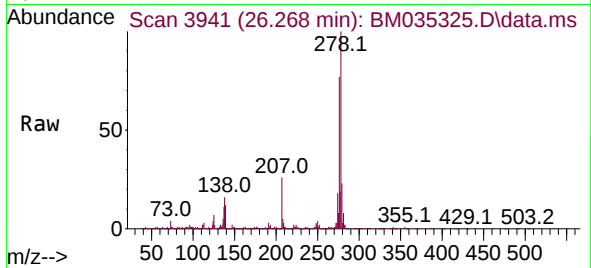




#91
Dibenzo(a,h)anthracene
Concen: 44.623 ng
RT: 26.268 min Scan# 3942
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Instrument :
BNA_M
ClientSampleId :
PB145012BS

Tgt Ion:278 Resp: 1083211
Ion Ratio Lower Upper
278 100
139 12.2 12.9 19.3#
279 23.4 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 44.469 ng
RT: 27.003 min Scan# 4066
Delta R.T. 0.000 min
Lab File: BM035325.D
Acq: 31 May 2022 13:39

Tgt Ion:276 Resp: 1076613
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 17.8 17.6 26.4

