

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
 Data File : BM037285.D
 Acq On : 31 Oct 2022 11:39
 Operator : CG/JU
 Sample : PB148608BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148608BS

Quant Time: Nov 01 05:00:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 31 01:34:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	509561	20.000	ng	0.00
21) Naphthalene-d8	10.674	136	2017831	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1100137	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1871987	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1403973	20.000	ng	0.00
86) Perylene-d12	23.780	264	1171246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	4243317	143.867	ng	0.00
7) Phenol-d6	7.051	99	5225485	130.537	ng	0.00
23) Nitrobenzene-d5	9.045	82	3026554	75.674	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1722338	132.848	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	6727720	81.254	ng	0.00
79) Terphenyl-d14	19.862	244	7279781	92.983	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	399523	33.080	ng	97
3) Pyridine	3.734	79	1096152	30.464	ng	99
4) n-Nitrosodimethylamine	3.646	42	625467	39.770	ng	98
6) Aniline	7.204	93	1875873	38.332	ng	99
8) 2-Chlorophenol	7.434	128	1551525	43.220	ng	100
9) Benzaldehyde	7.016	77	285585	14.094	ng	98
10) Phenol	7.075	94	1880055	41.915	ng	100
11) bis(2-Chloroethyl)ether	7.304	93	1469551	40.864	ng	99
12) 1,3-Dichlorobenzene	7.757	146	1626695	41.469	ng	98
13) 1,4-Dichlorobenzene	7.904	146	1658847	40.997	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1603112	41.252	ng	98
15) Benzyl Alcohol	8.122	79	1212045	42.351	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.404	45	2053533	40.054	ng	99
17) 2-Methylphenol	8.322	107	1212686	41.370	ng	100
18) Hexachloroethane	8.945	117	606288	42.487	ng	99
19) n-Nitroso-di-n-propyla...	8.686	70	1074048	39.146	ng	99
20) 3+4-Methylphenols	8.651	107	1610288	39.993	ng	97
22) Acetophenone	8.704	105	2159780	41.180	ng	# 98
24) Nitrobenzene	9.086	77	1576476	38.880	ng	98
25) Isophorone	9.610	82	2757745	41.257	ng	99
26) 2-Nitrophenol	9.792	139	782317	43.098	ng	99
27) 2,4-Dimethylphenol	9.857	122	1318832	48.955	ng	99
28) bis(2-Chloroethoxy)met...	10.092	93	1819594	43.752	ng	100
29) 2,4-Dichlorophenol	10.327	162	1310595	42.381	ng	99
30) 1,2,4-Trichlorobenzene	10.533	180	1409798	40.201	ng	98
31) Naphthalene	10.722	128	4410529	38.580	ng	99
32) Benzoic acid	10.027	122	837265	36.163	ng	99
33) 4-Chloroaniline	10.845	127	1384639	30.406	ng	99
34) Hexachlorobutadiene	10.998	225	827806	42.274	ng	97
35) Caprolactam	11.651	113	348123	37.029	ng	99
36) 4-Chloro-3-methylphenol	11.969	107	1265183	39.701	ng	98
37) 2-Methylnaphthalene	12.333	142	3005840	38.807	ng	100
38) 1-Methylnaphthalene	12.551	142	2849297	37.648	ng	100
40) 1,2,4,5-Tetrachloroben...	12.698	216	1505384	45.510	ng	99
41) Hexachlorocyclopentadiene	12.674	237	1943485	123.318	ng	100
43) 2,4,6-Trichlorophenol	12.945	196	970731	42.630	ng	97

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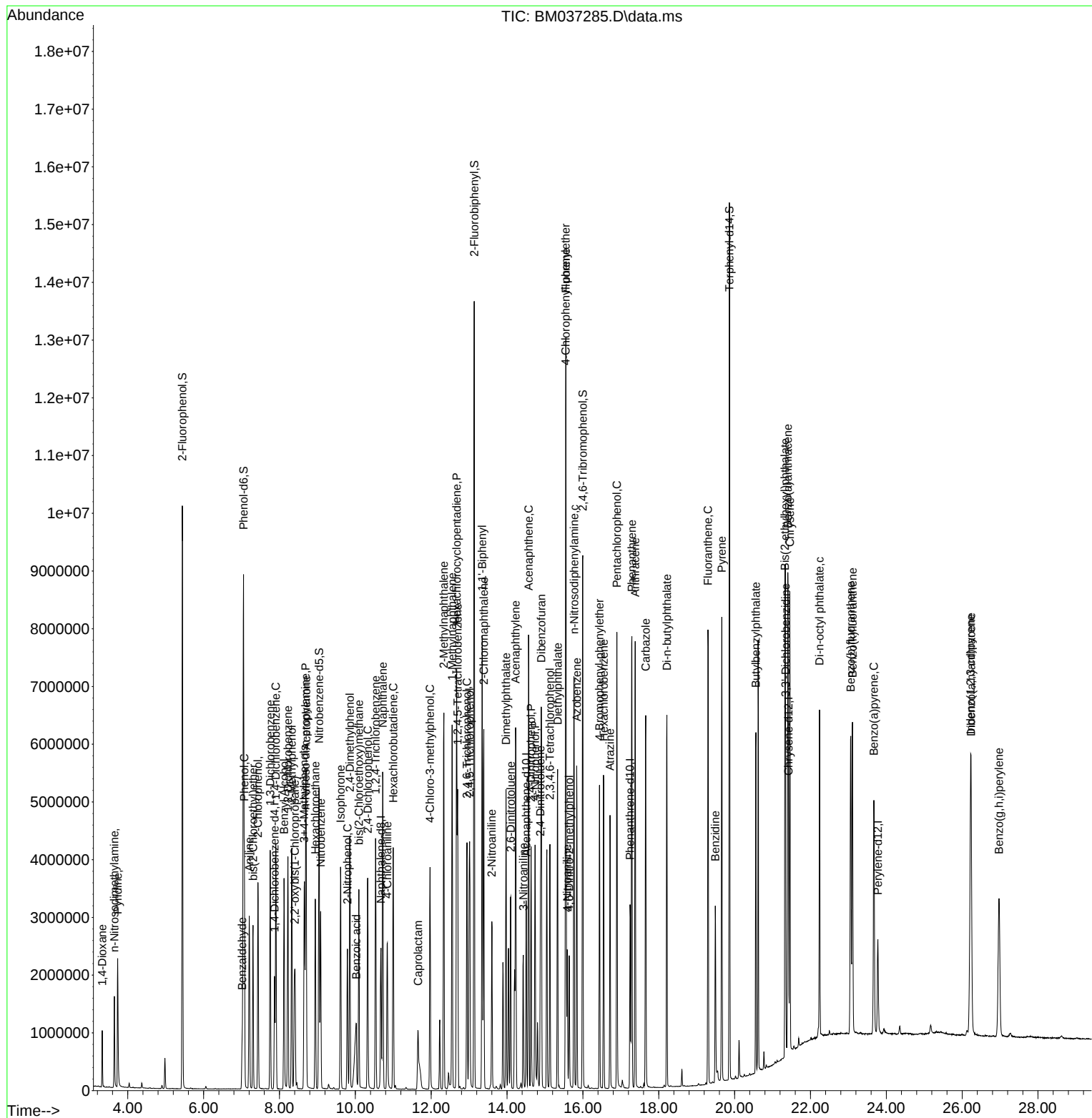
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.015	196	1052300	41.892	ng	99
46) 1,1'-Biphenyl	13.345	154	3842629	43.283	ng	99
47) 2-Chloronaphthalene	13.386	162	2884971	40.835	ng	100
48) 2-Nitroaniline	13.598	65	776449	38.031	ng	98
49) Acenaphthylene	14.227	152	4387453	40.006	ng	100
50) Dimethylphthalate	13.974	163	3228193	38.417	ng	100
51) 2,6-Dinitrotoluene	14.098	165	708046	39.789	ng	94
52) Acenaphthene	14.568	154	2647501	39.048	ng	99
53) 3-Nitroaniline	14.427	138	578202	29.084	ng	97
54) 2,4-Dinitrophenol	14.633	184	859597	73.898	ng	92
55) Dibenzofuran	14.904	168	4088329	39.149	ng	99
56) 4-Nitrophenol	14.739	139	1181108	74.473	ng	98
57) 2,4-Dinitrotoluene	14.880	165	922599	39.401	ng	99
58) Fluorene	15.551	166	3383234	38.813	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.133	232	819378	38.918	ng	98
60) Diethylphthalate	15.333	149	3101242	37.972	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1654837	41.035	ng	99
62) 4-Nitroaniline	15.592	138	688166	34.515	ng	99
63) Azobenzene	15.839	77	3039816	37.782	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	472877	37.441	ng	100
66) n-Nitrosodiphenylamine	15.768	169	2723079	43.036	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	948843	45.167	ng	99
68) Hexachlorobenzene	16.551	284	1108872	43.617	ng	96
69) Atrazine	16.715	200	776048	48.744	ng	100
70) Pentachlorophenol	16.898	266	1305003	88.217	ng	99
71) Phenanthrene	17.292	178	4549207	39.170	ng	100
72) Anthracene	17.380	178	4557653	41.452	ng	100
73) Carbazole	17.656	167	3972075	39.384	ng	99
74) Di-n-butylphthalate	18.215	149	4568653	41.024	ng	100
75) Fluoranthene	19.297	202	4537003	36.956	ng	100
77) Benzidine	19.492	184	1914558	91.452	ng	99
78) Pyrene	19.662	202	4615907	42.755	ng	100
80) Butylbenzylphthalate	20.562	149	1700254	44.099	ng	95
81) Benzo(a)anthracene	21.403	228	3975383	39.772	ng	100
82) 3,3'-Dichlorobenzidine	21.344	252	1443770	49.180	ng	98
83) Chrysene	21.456	228	3713947	38.567	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	2370896	45.817	ng	99
85) Di-n-octyl phthalate	22.238	149	3581097	43.941	ng	99
87) Indeno(1,2,3-cd)pyrene	26.221	276	3727785	38.872	ng	99
88) Benzo(b)fluoranthene	23.062	252	3713814	45.672	ng	99
89) Benzo(k)fluoranthene	23.109	252	3549539	42.795	ng	99
90) Benzo(a)pyrene	23.674	252	3068572	46.316	ng	99
91) Dibenzo(a,h)anthracene	26.238	278	3288266	41.290	ng	99
92) Benzo(g,h,i)perylene	26.973	276	3134513	40.441	ng	98

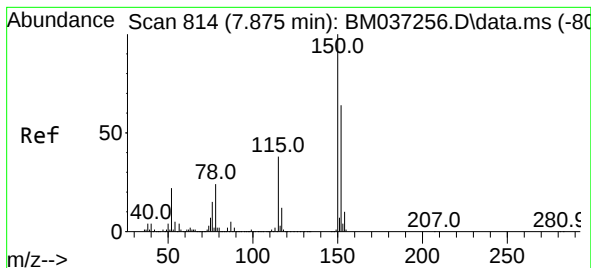
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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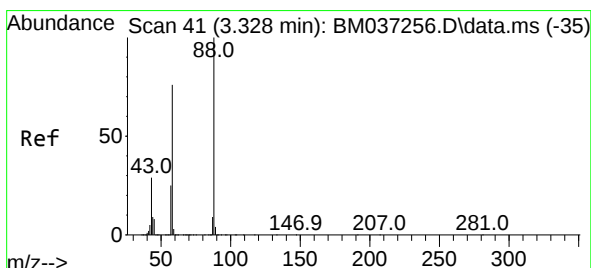
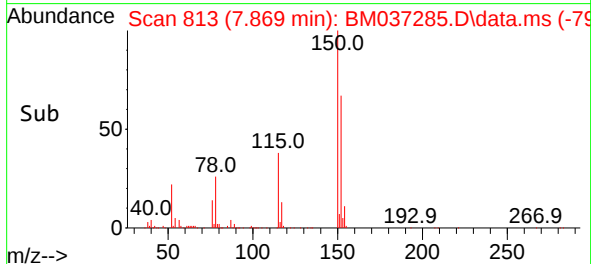
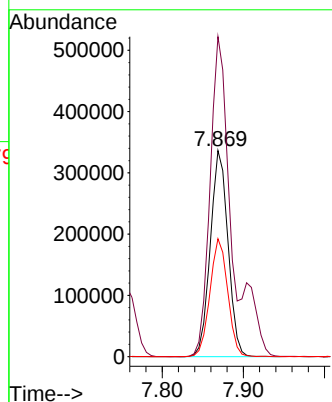
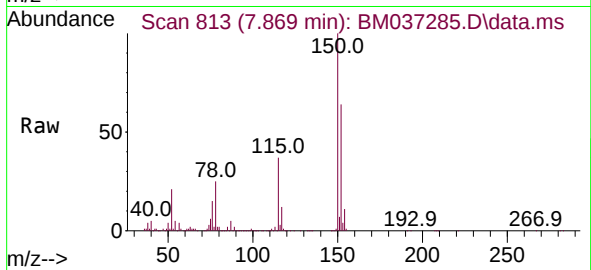




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM037285.D
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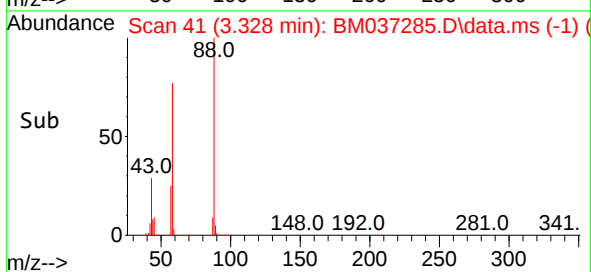
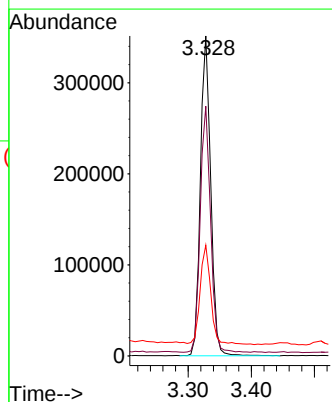
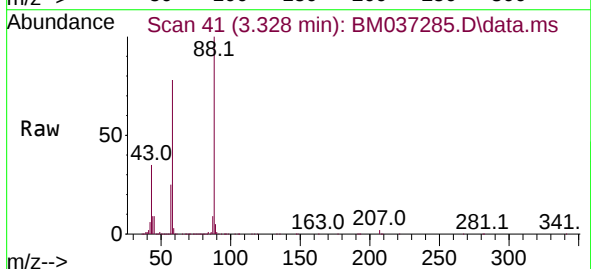
Instrument :
BNA_M
ClientSampleId :
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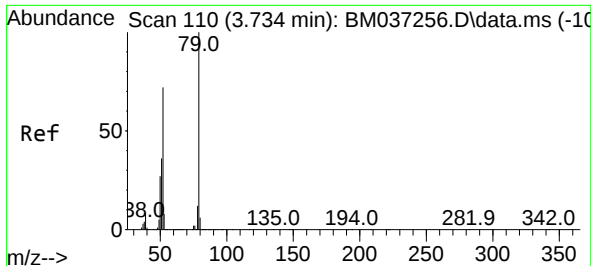
Tgt Ion:152 Resp: 509561
Ion Ratio Lower Upper
152 100
150 155.3 124.8 187.2
115 57.2 47.0 70.4



#2
1,4-Dioxane
Concen: 33.080 ng
RT: 3.328 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion: 88 Resp: 399523
Ion Ratio Lower Upper
88 100
58 77.1 63.5 95.3
43 32.1 24.2 36.4



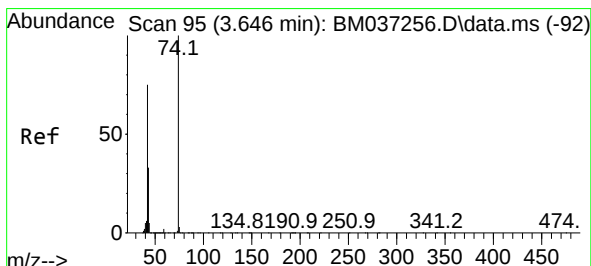
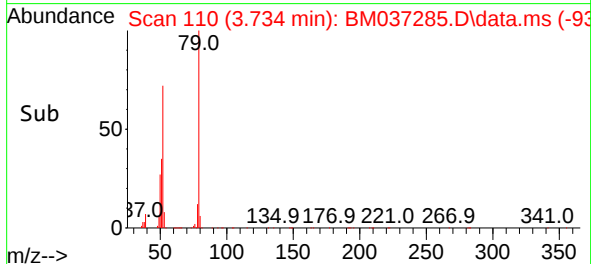
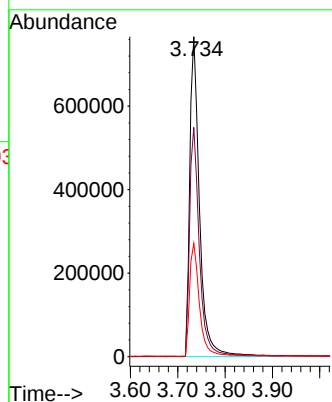
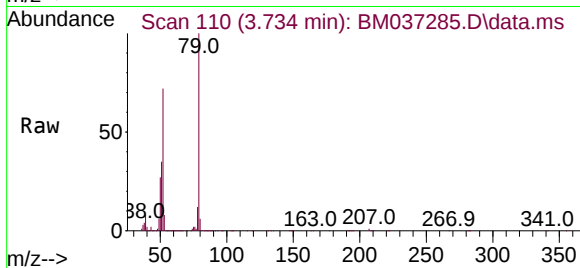


#3
Pyridine
Concen: 30.464 ng
RT: 3.734 min Scan# 110
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Instrument :
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ClientSampleId :
PB148608BS

Tgt Ion: 79 Resp: 1096152

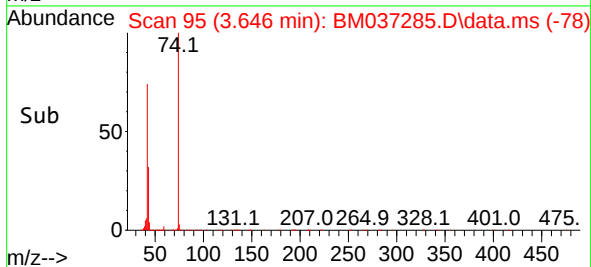
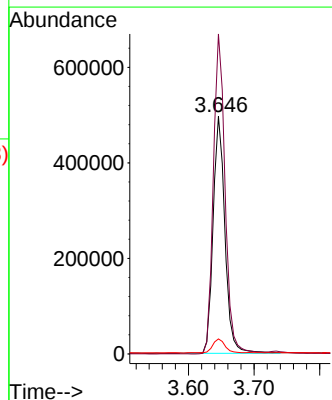
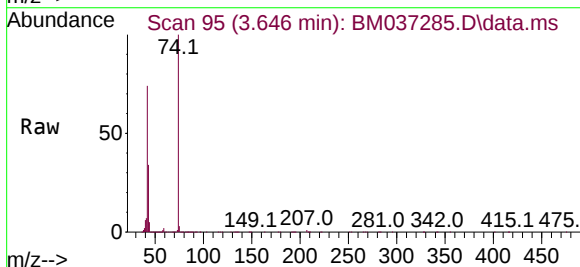
Ion	Ratio	Lower	Upper
79	100		
52	71.6	57.8	86.6
51	35.4	29.0	43.6

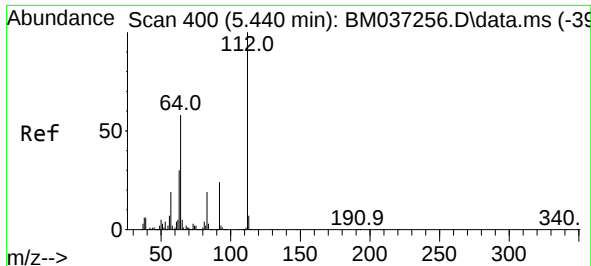


#4
n-Nitrosodimethylamine
Concen: 39.770 ng
RT: 3.646 min Scan# 95
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion: 42 Resp: 625467

Ion	Ratio	Lower	Upper
42	100		
74	134.7	106.2	159.2
44	6.3	5.4	8.0

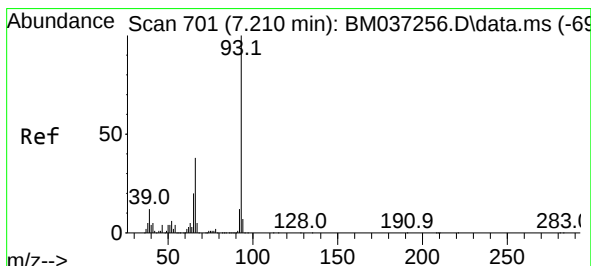
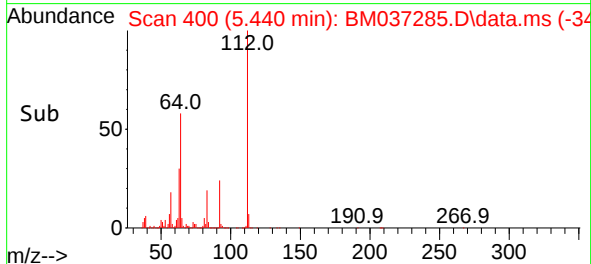
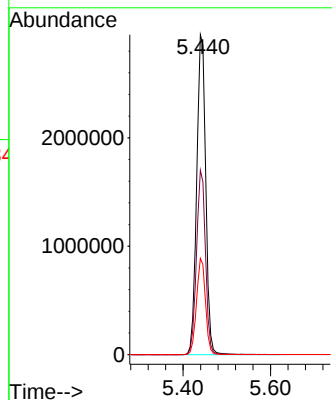
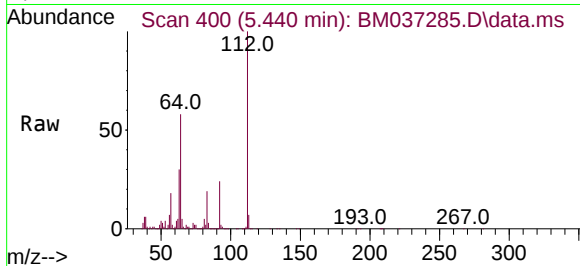




#5
2-Fluorophenol
Concen: 143.867 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM037285.D
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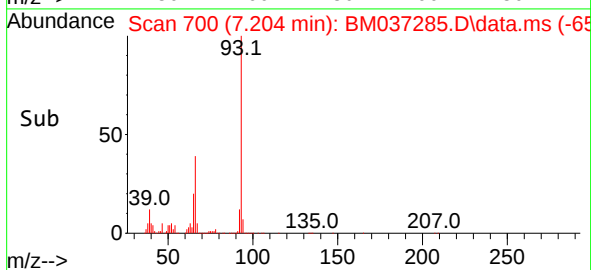
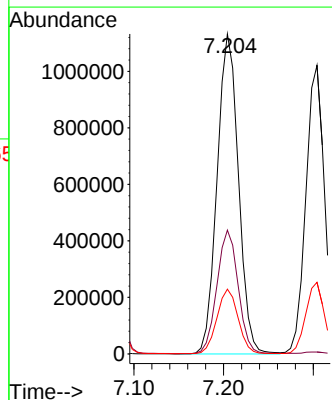
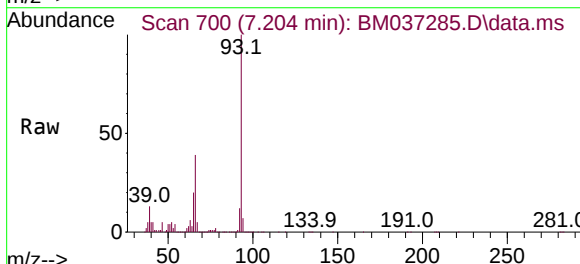
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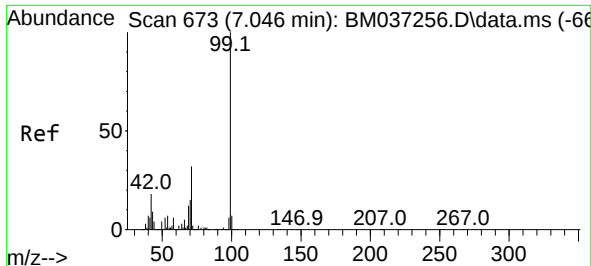
Tgt Ion:112 Resp: 4243317
Ion Ratio Lower Upper
112 100
64 57.6 46.8 70.2
63 30.1 24.4 36.6



#6
Aniline
Concen: 38.332 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM037285.D
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Tgt Ion: 93 Resp: 1875873
Ion Ratio Lower Upper
93 100
66 38.7 30.4 45.6
65 20.2 16.2 24.2

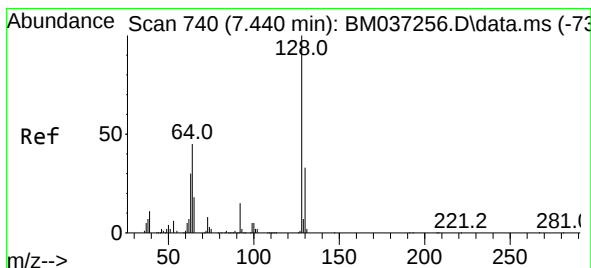
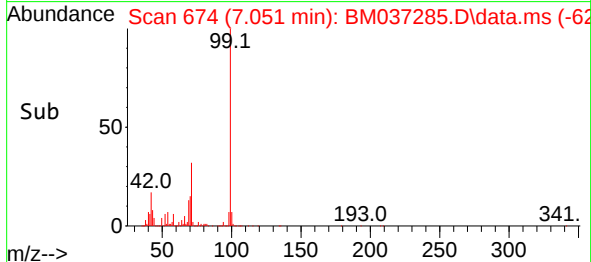
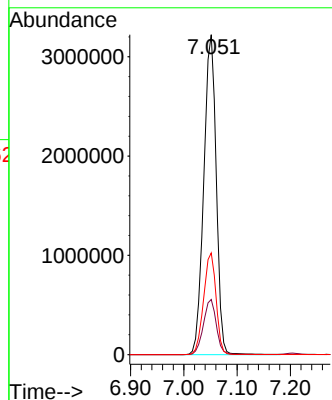
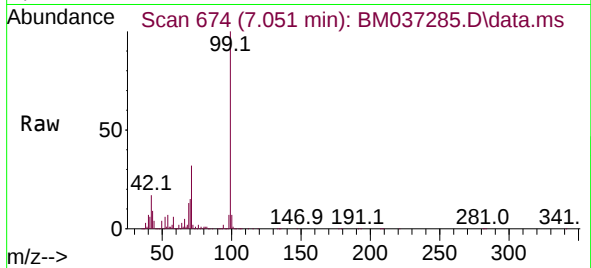




#7
Phenol-d6
Concen: 130.537 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.005 min
Lab File: BM037285.D
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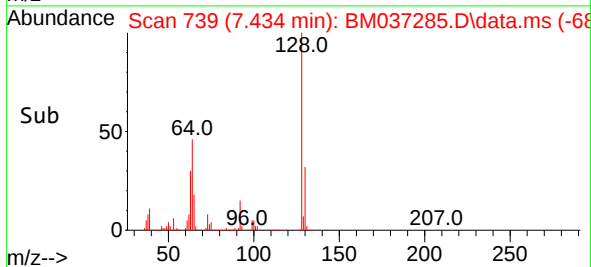
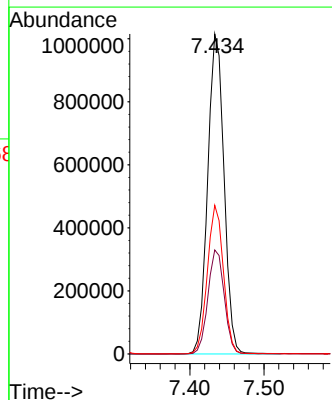
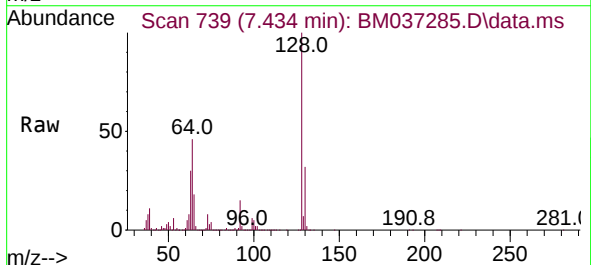
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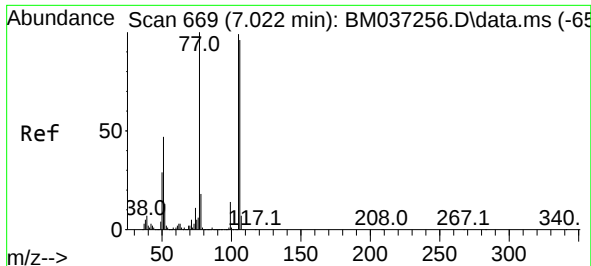
Tgt Ion: 99 Resp: 5225485
Ion Ratio Lower Upper
99 100
42 17.2 14.8 22.2
71 31.8 25.6 38.4



#8
2-Chlorophenol
Concen: 43.220 ng
RT: 7.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion: 128 Resp: 1551525
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 46.4 26.4 66.4

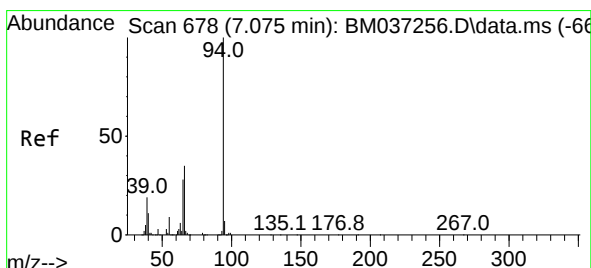
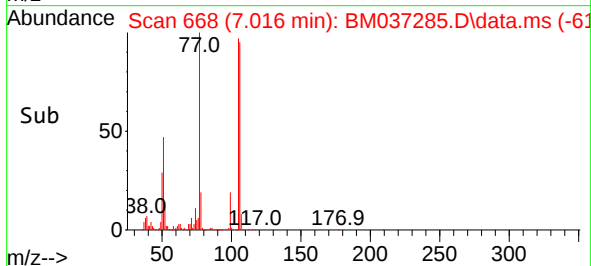
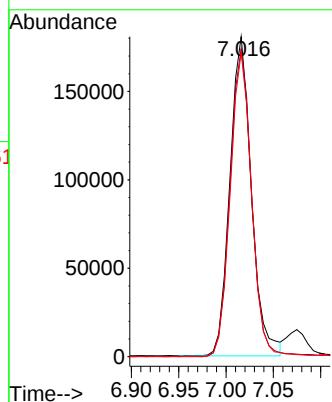
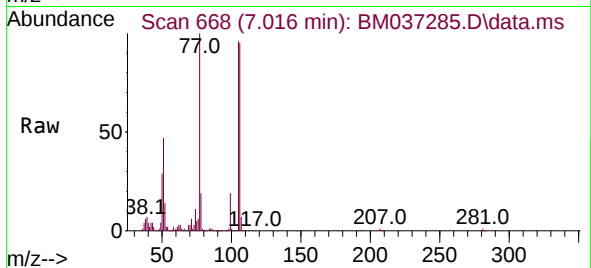




#9
Benzaldehyde
Concen: 14.094 ng
RT: 7.016 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM037285.D
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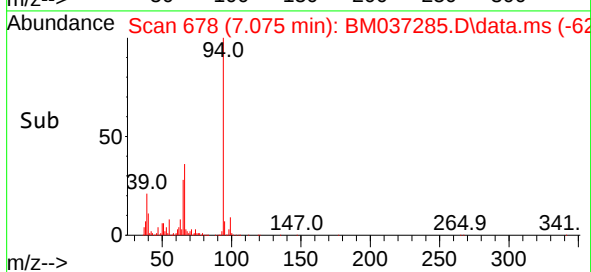
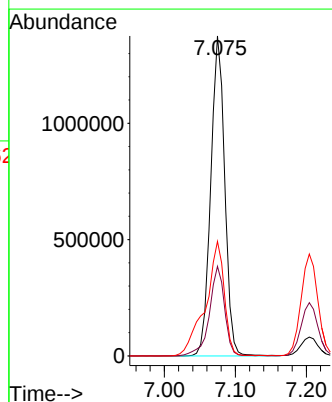
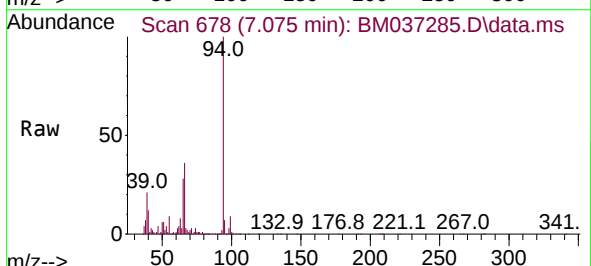
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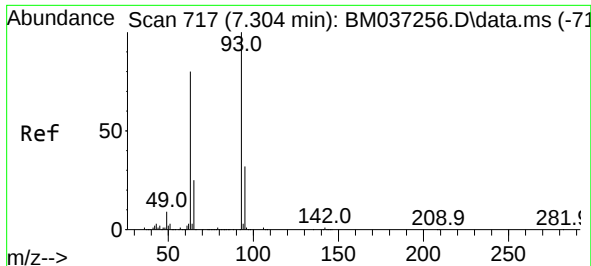
Tgt Ion: 77 Resp: 285585
Ion Ratio Lower Upper
77 100
105 96.2 78.6 118.6
106 94.9 75.8 115.8



#10
Phenol
Concen: 41.915 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion: 94 Resp: 1880055
Ion Ratio Lower Upper
94 100
65 28.0 8.1 48.1
66 35.8 15.5 55.5

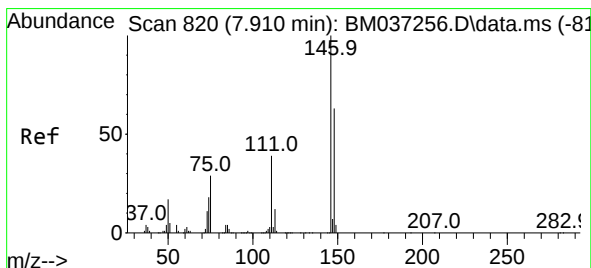
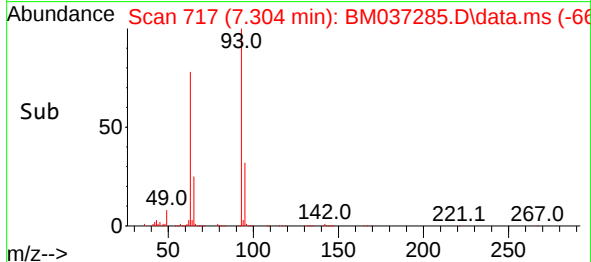
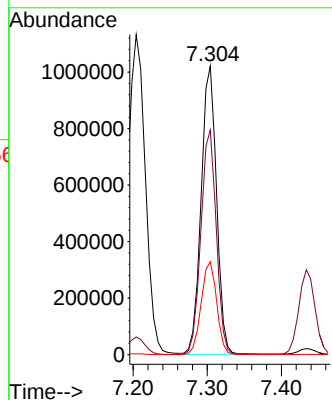
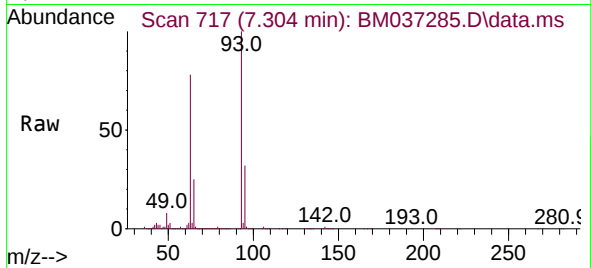




#11
bis(2-Chloroethyl)ether
Concen: 40.864 ng
RT: 7.304 min Scan# 717
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

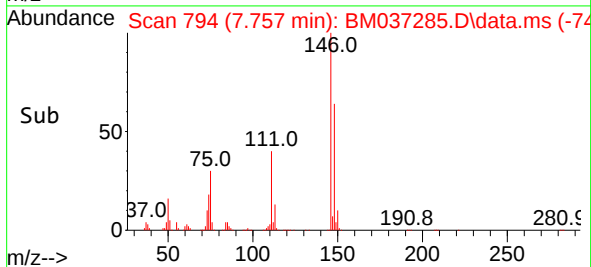
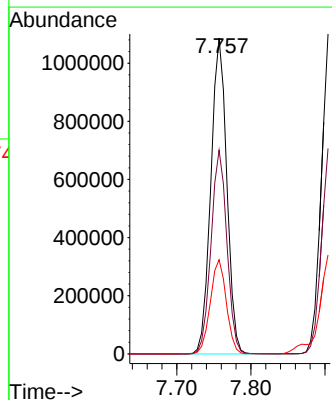
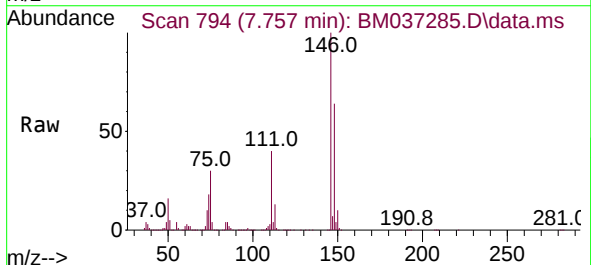
Instrument :
BNA_M
ClientSampleId :
PB148608BS

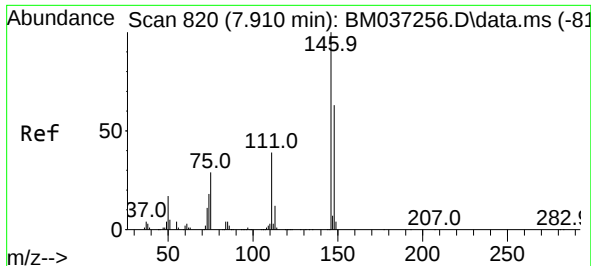
Tgt Ion: 93 Resp: 1469551
Ion Ratio Lower Upper
93 100
63 77.8 59.3 99.3
95 32.2 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 41.469 ng
RT: 7.757 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion: 146 Resp: 1626695
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 29.8 24.5 36.7

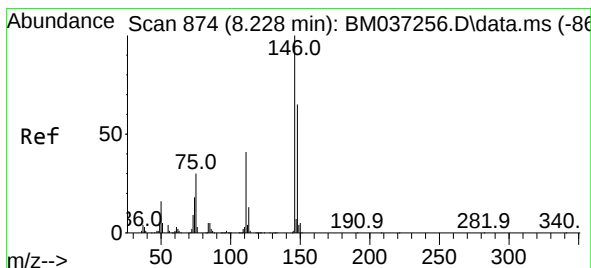
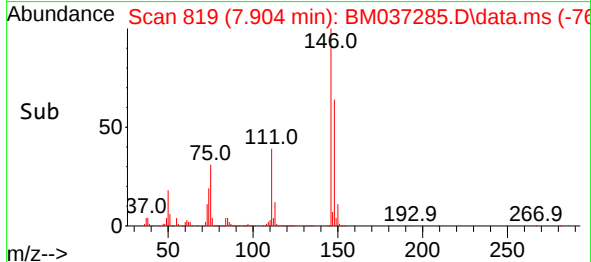
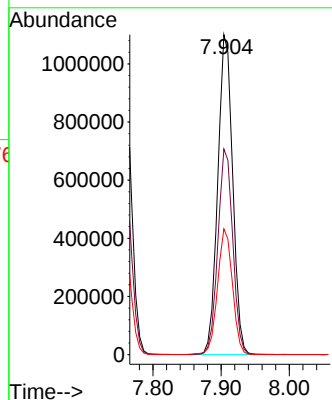
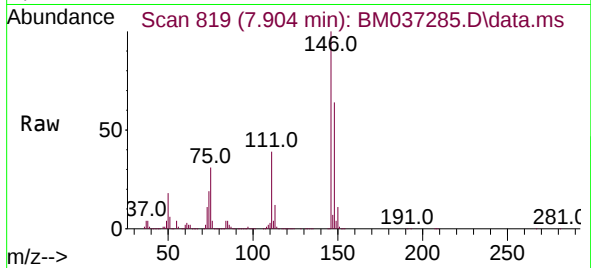




#13
1,4-Dichlorobenzene
Concen: 40.997 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

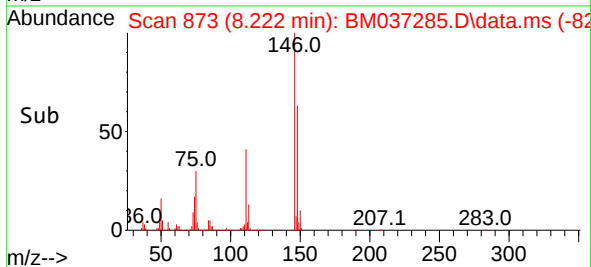
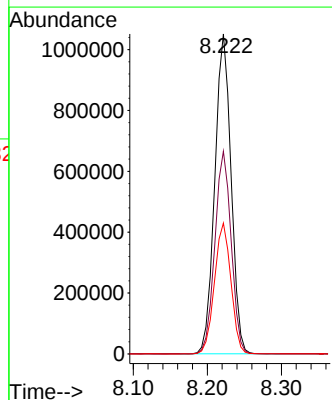
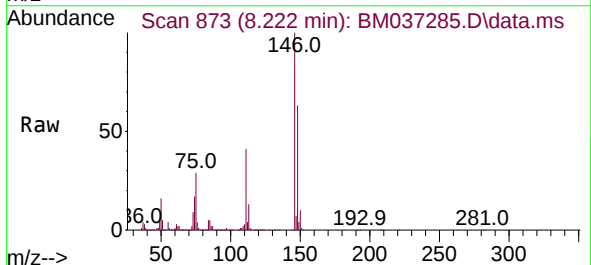
Instrument :
BNA_M
ClientSampleId :
PB148608BS

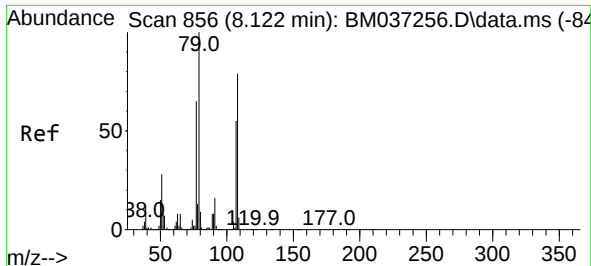
Tgt Ion:146 Resp: 1658847
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
111 39.3 31.1 46.7



#14
1,2-Dichlorobenzene
Concen: 41.252 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:146 Resp: 1603112
Ion Ratio Lower Upper
146 100
148 63.3 52.4 78.6
111 40.9 33.0 49.6

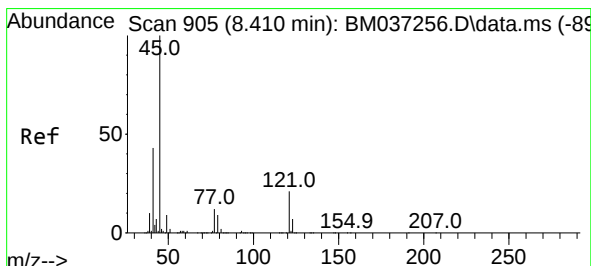
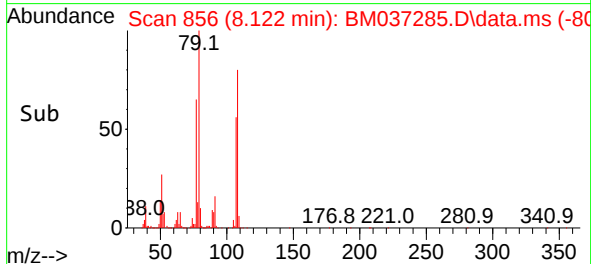
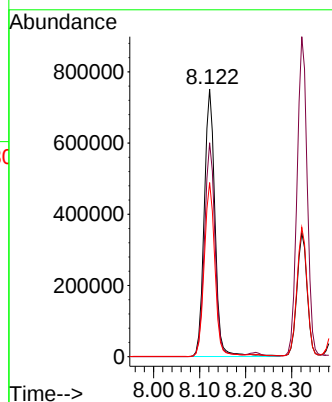
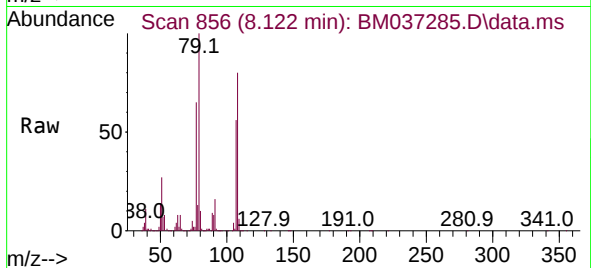




#15
Benzyl Alcohol
Concen: 42.351 ng
RT: 8.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

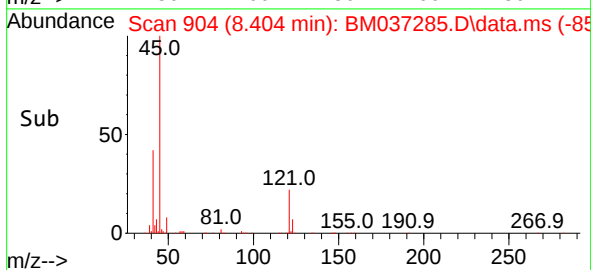
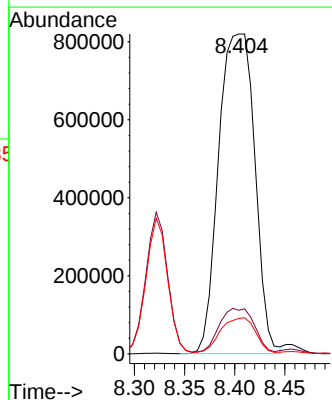
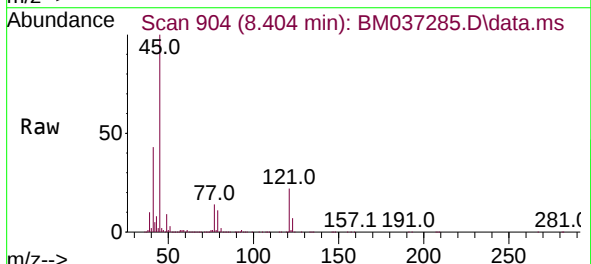
Instrument :
BNA_M
ClientSampleId :
PB148608BS

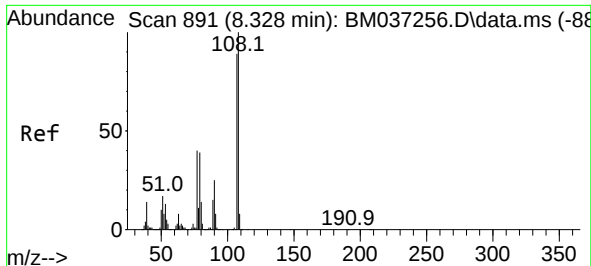
Tgt Ion: 79 Resp: 1212045
Ion Ratio Lower Upper
79 100
108 79.9 63.1 94.7
77 65.0 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.054 ng
RT: 8.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion: 45 Resp: 2053533
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.0
79 11.1 0.0 30.6

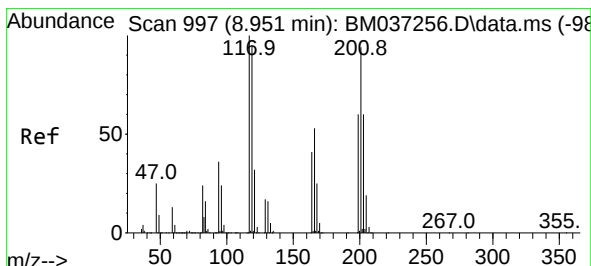
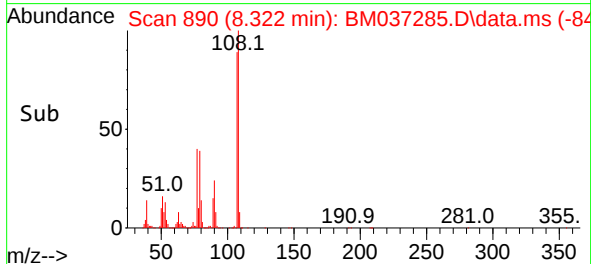
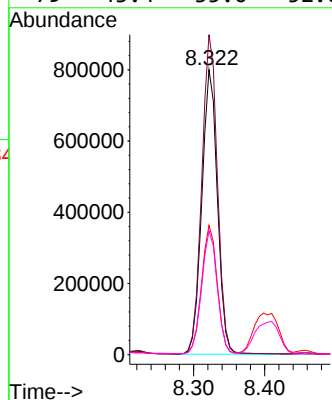
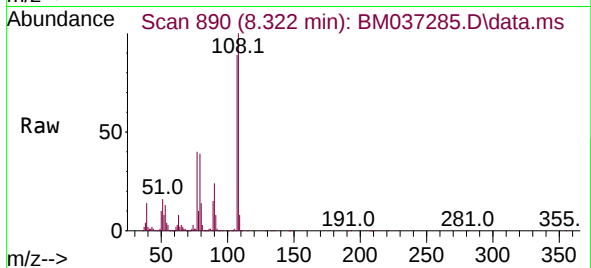




#17
2-Methylphenol
Concen: 41.370 ng
RT: 8.322 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

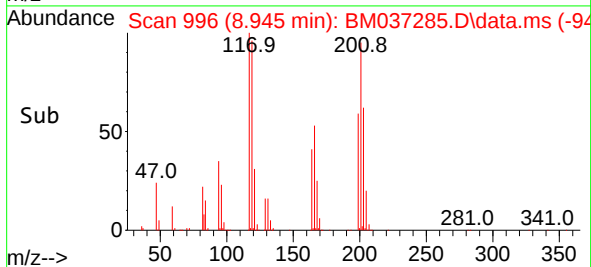
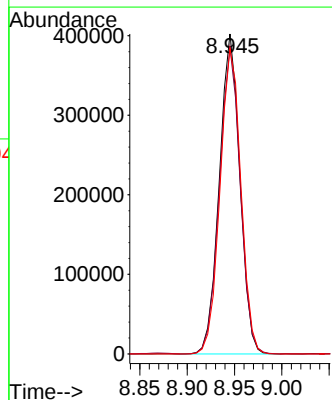
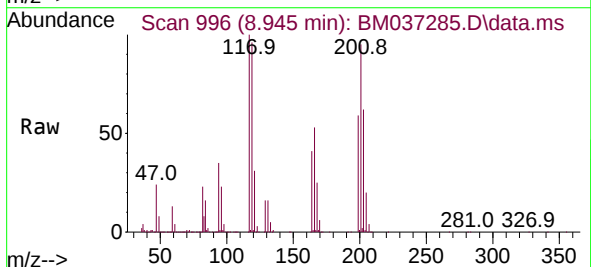
Instrument :
BNA_M
ClientSampleId :
PB148608BS

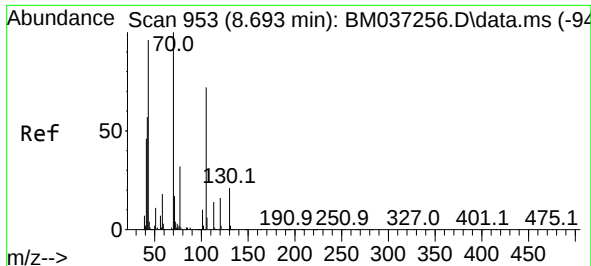
Tgt Ion:107 Resp: 1212686
Ion Ratio Lower Upper
107 100
108 112.3 89.5 134.3
77 45.4 36.2 54.2
79 43.4 35.0 52.6



#18
Hexachloroethane
Concen: 42.487 ng
RT: 8.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:117 Resp: 606288
Ion Ratio Lower Upper
117 100
119 95.8 75.9 113.9
201 95.4 75.0 112.4

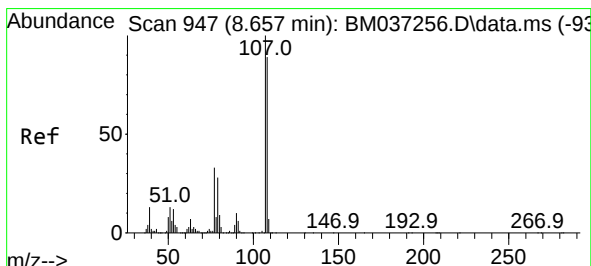
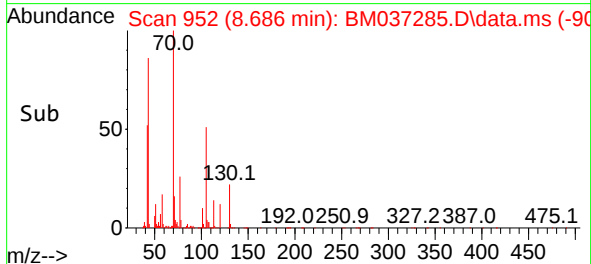
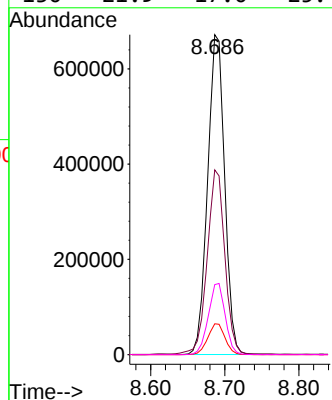
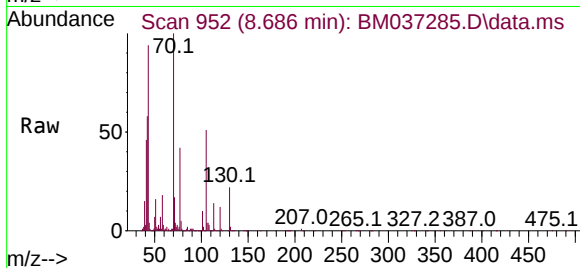




#19
n-Nitroso-di-n-propylamine
Concen: 39.146 ng
RT: 8.686 min Scan# 91
Delta R.T. -0.007 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

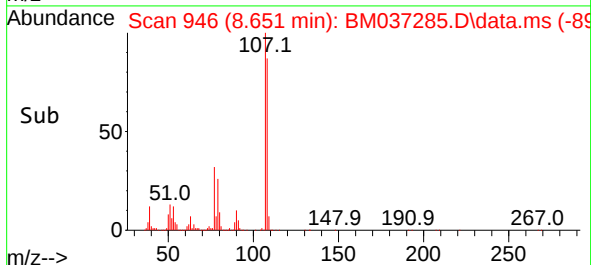
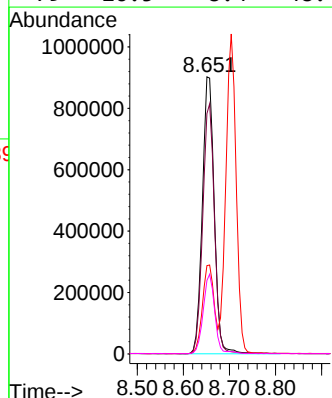
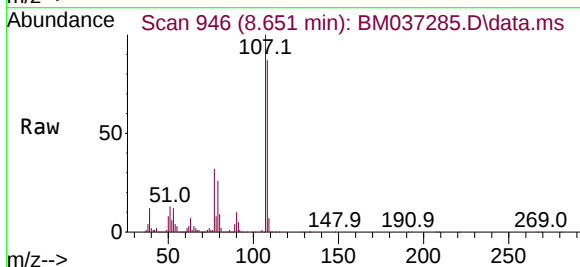
Instrument :
BNA_M
ClientSampleId :
PB148608BS

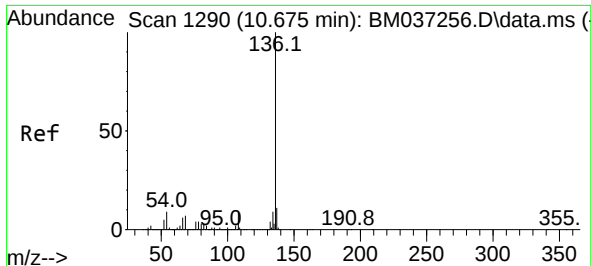
Tgt Ion: 70 Resp: 1074048
Ion Ratio Lower Upper
70 100
42 57.7 46.4 69.6
101 9.6 7.8 11.8
130 21.9 17.0 25.4



#20
3+4-Methylphenols
Concen: 39.993 ng
RT: 8.651 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion: 107 Resp: 1610288
Ion Ratio Lower Upper
107 100
108 86.7 69.4 109.4
77 31.9 12.8 52.8
79 26.5 8.4 48.4

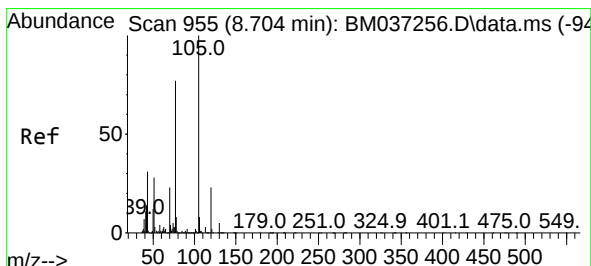
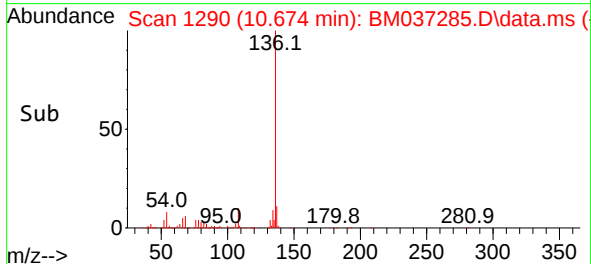
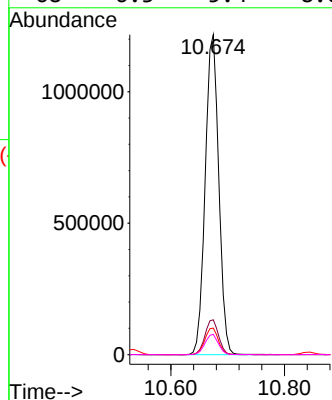
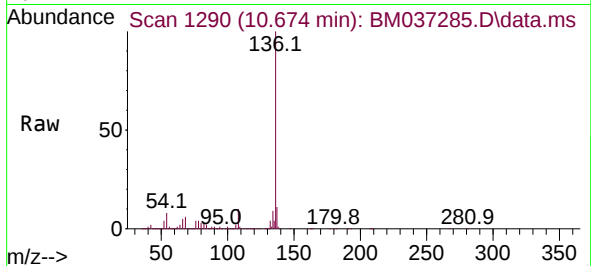




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.674 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

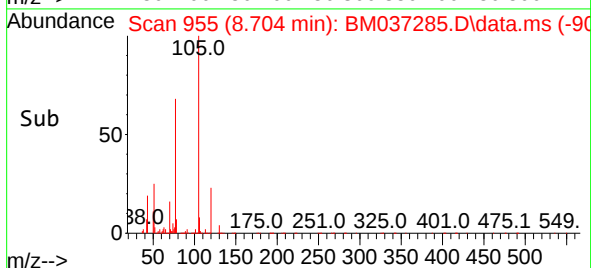
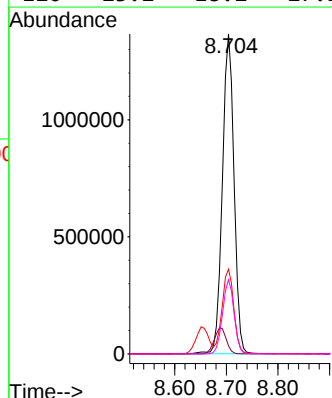
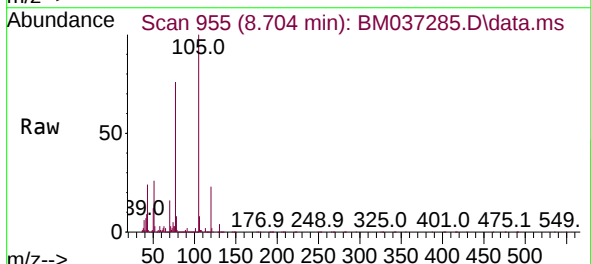
Instrument :
BNA_M
ClientSampleId :
PB148608BS

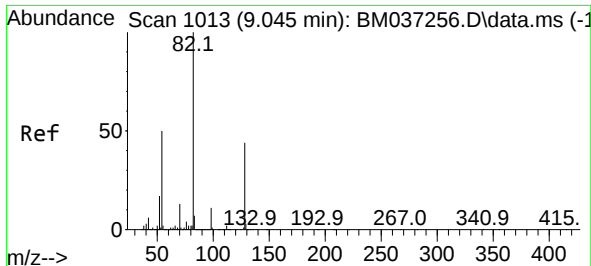
Tgt Ion:136 Resp: 2017831
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.3 7.0 10.4
68 6.3 5.4 8.0



#22
Acetophenone
Concen: 41.180 ng
RT: 8.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:105 Resp: 2159780
Ion Ratio Lower Upper
105 100
71 2.5 3.0 4.4#
51 26.5 22.1 33.1
120 23.2 18.2 27.2

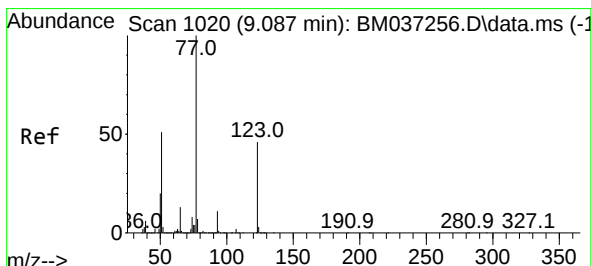
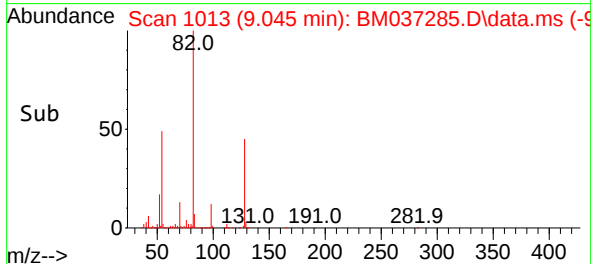
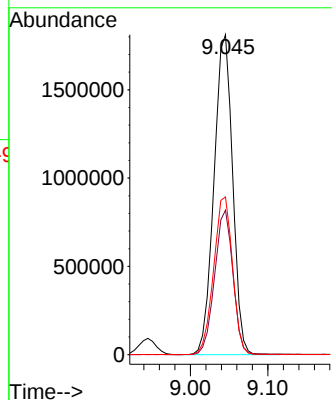
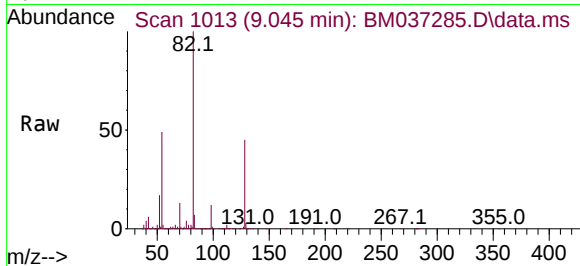




#23
Nitrobenzene-d5
Concen: 75.674 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

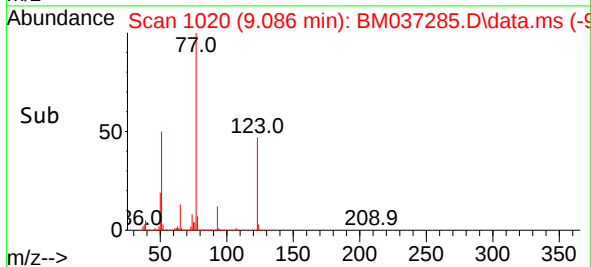
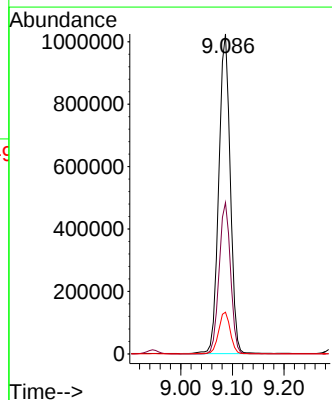
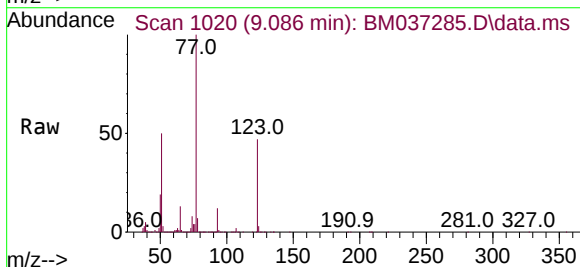
Instrument :
BNA_M
ClientSampleId :
PB148608BS

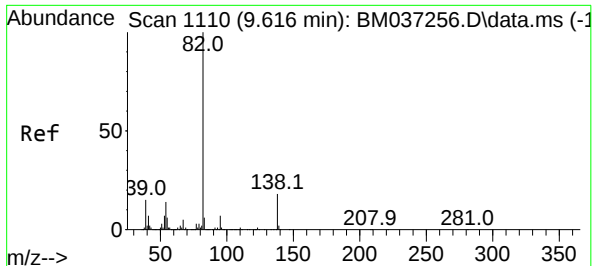
Tgt Ion: 82 Resp: 3026554
Ion Ratio Lower Upper
82 100
128 45.1 35.2 52.8
54 49.3 40.4 60.6



#24
Nitrobenzene
Concen: 38.880 ng
RT: 9.086 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion: 77 Resp: 1576476
Ion Ratio Lower Upper
77 100
123 47.3 36.6 55.0
65 13.0 10.6 16.0

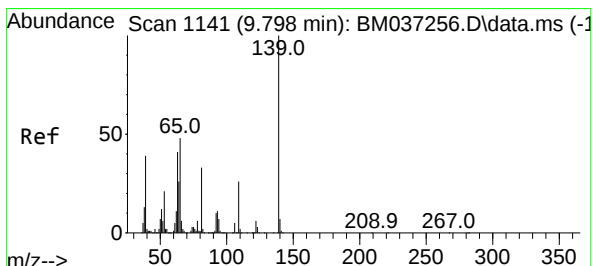
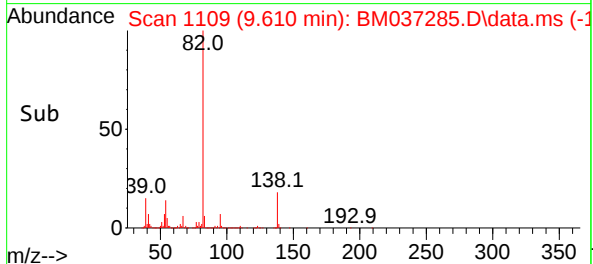
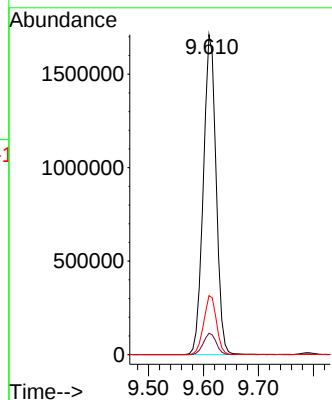
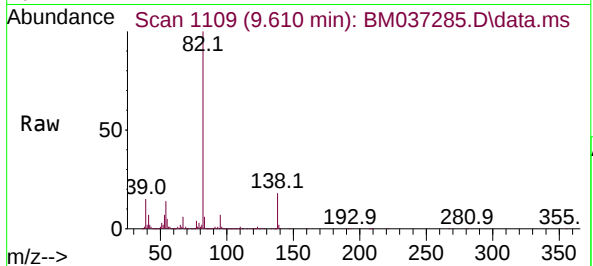




#25
Isophorone
Concen: 41.257 ng
RT: 9.610 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

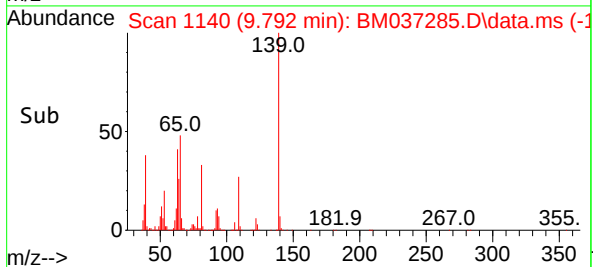
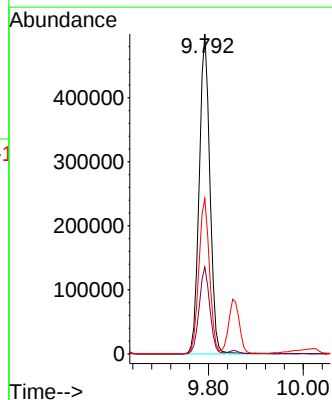
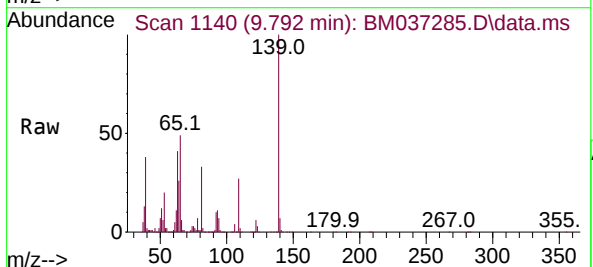
Instrument :
BNA_M
ClientSampleId :
PB148608BS

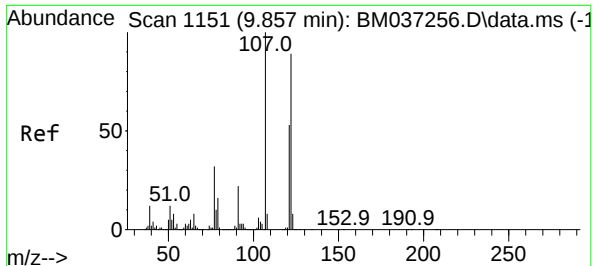
Tgt Ion: 82 Resp: 2757745
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.4 14.2 21.4



#26
2-Nitrophenol
Concen: 43.098 ng
RT: 9.792 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:139 Resp: 782317
Ion Ratio Lower Upper
139 100
109 27.2 21.1 31.7
65 48.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 48.955 ng

RT: 9.857 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Instrument :

BNA_M

ClientSampleId :

PB148608BS

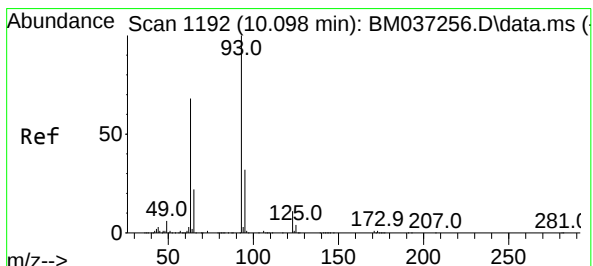
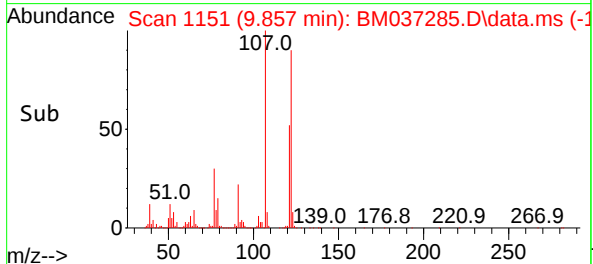
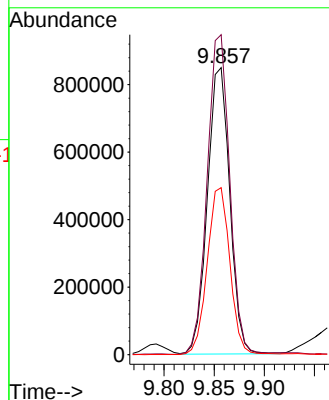
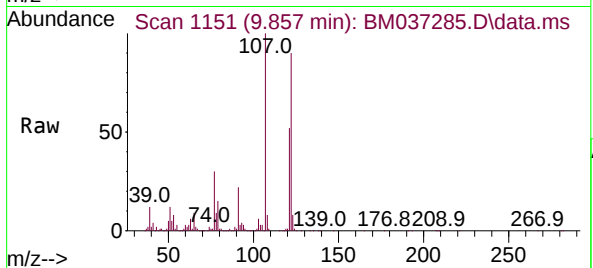
Tgt Ion:122 Resp: 1318832

Ion Ratio Lower Upper

122 100

107 111.5 89.7 134.5

121 58.2 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 43.752 ng

RT: 10.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

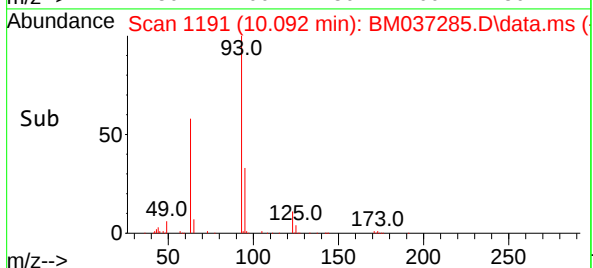
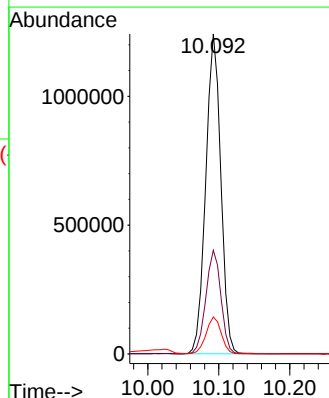
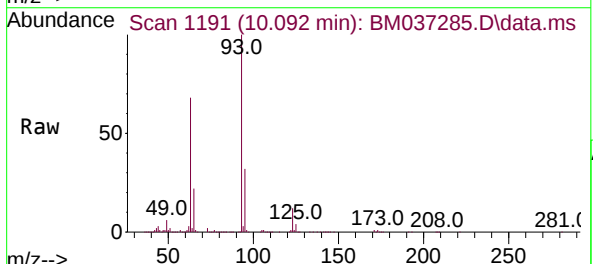
Tgt Ion: 93 Resp: 1819594

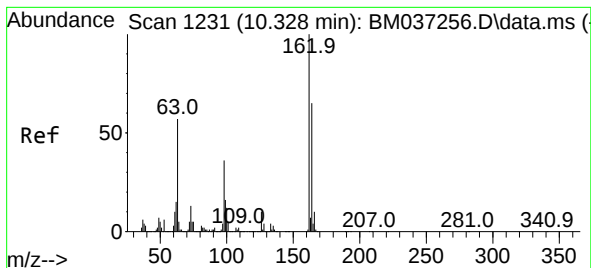
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

123 11.5 9.3 13.9

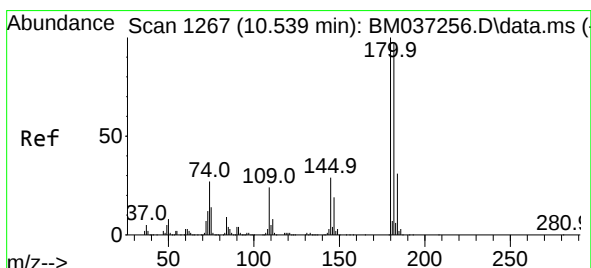
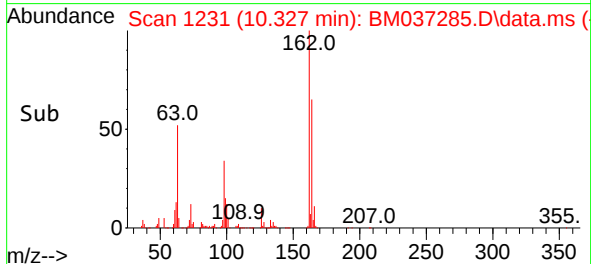
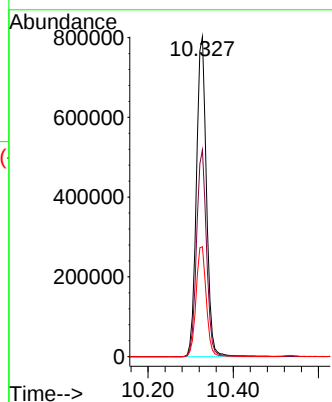
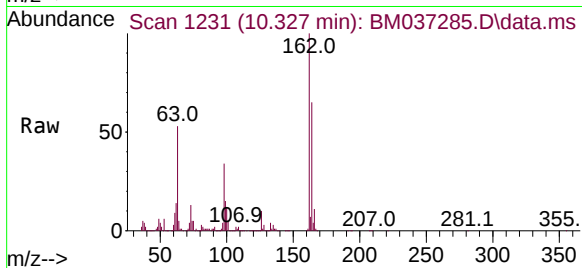




#29
2,4-Dichlorophenol
Concen: 42.381 ng
RT: 10.327 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

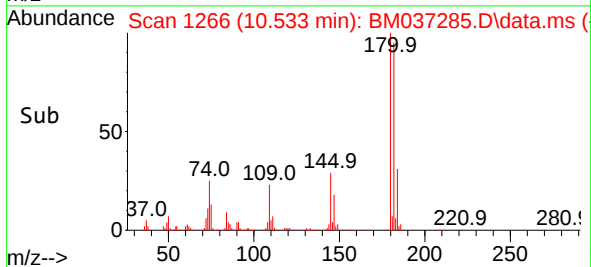
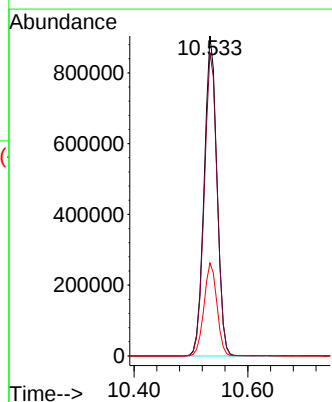
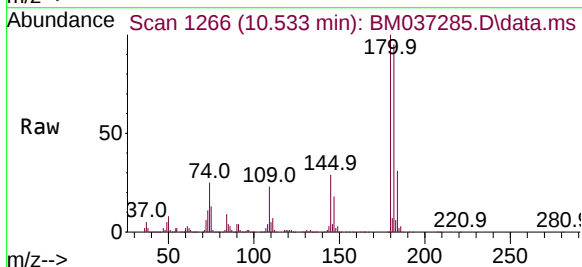
Instrument :
BNA_M
ClientSampleId :
PB148608BS

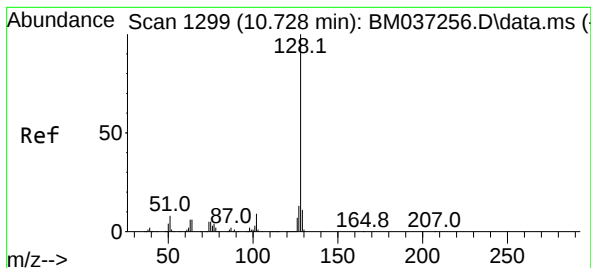
Tgt Ion:162 Resp: 1310595
Ion Ratio Lower Upper
162 100
164 64.7 45.0 85.0
98 34.3 16.2 56.2



#30
1,2,4-Trichlorobenzene
Concen: 40.201 ng
RT: 10.533 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:180 Resp: 1409798
Ion Ratio Lower Upper
180 100
182 94.8 77.5 116.3
145 29.0 23.5 35.3





#31

Naphthalene

Concen: 38.580 ng

RT: 10.722 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Instrument :

BNA_M

ClientSampleId :

PB148608BS

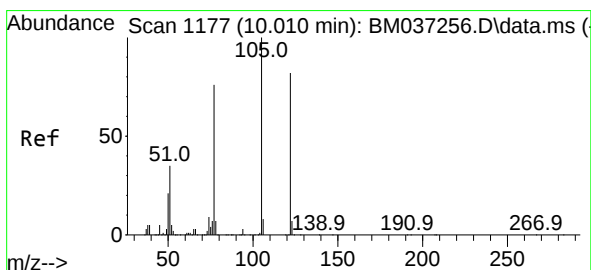
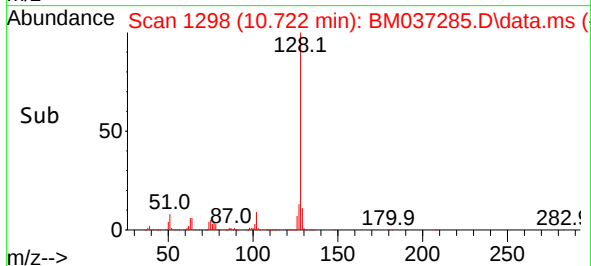
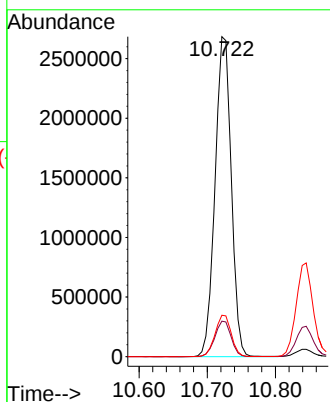
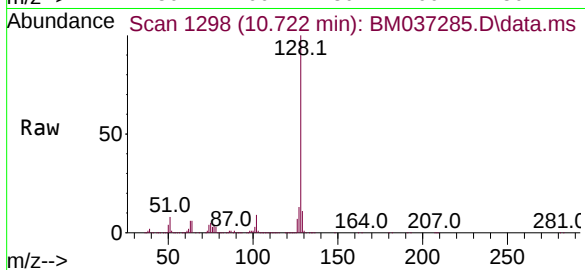
Tgt Ion:128 Resp: 4410529

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 12.9 10.2 15.2



#32

Benzoic acid

Concen: 36.163 ng

RT: 10.027 min Scan# 1180

Delta R.T. 0.017 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

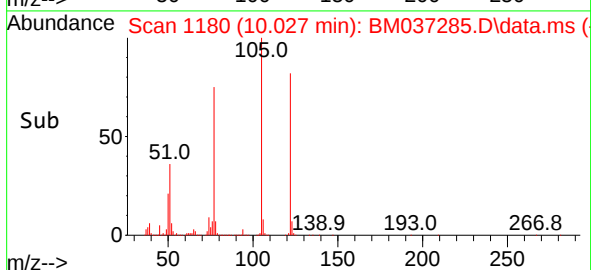
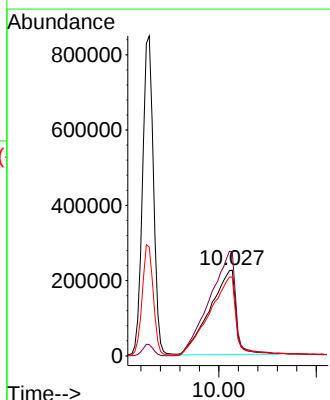
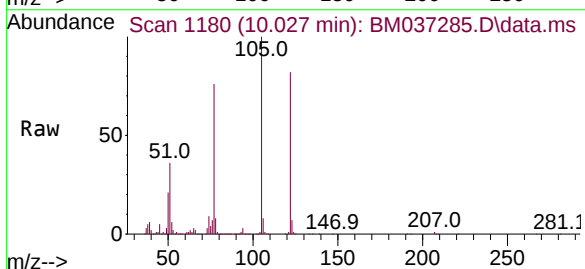
Tgt Ion:122 Resp: 837265

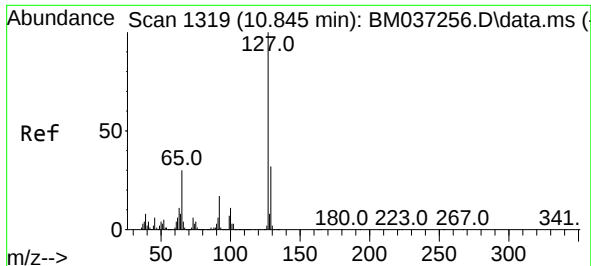
Ion Ratio Lower Upper

122 100

105 121.8 100.1 140.1

77 92.0 71.7 111.7



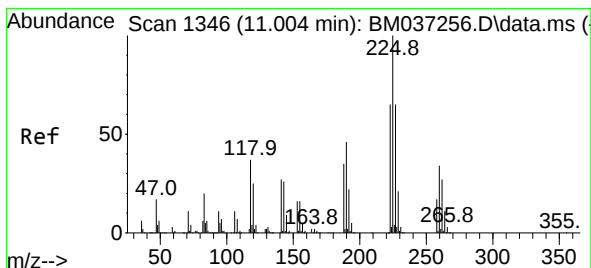
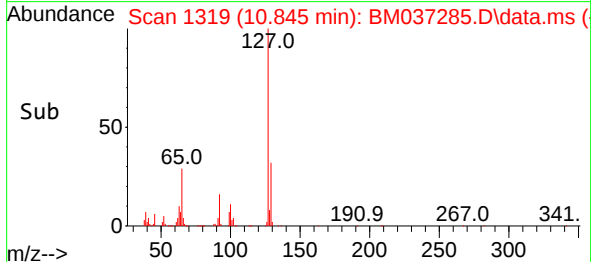
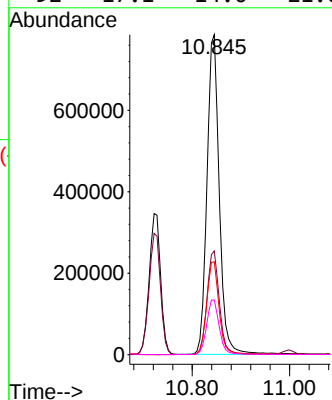
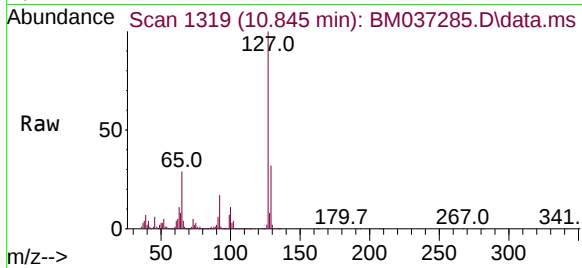


#33
4-Chloroaniline
Concen: 30.406 ng
RT: 10.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Instrument :
BNA_M
ClientSampleId :
PB148608BS

Tgt Ion:127 Resp: 1384639

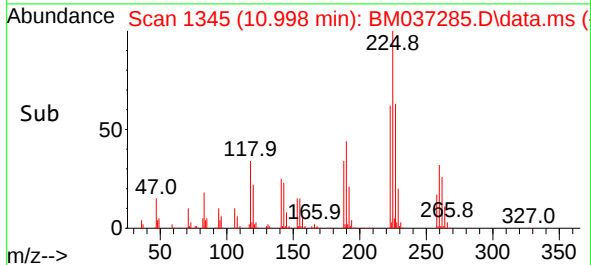
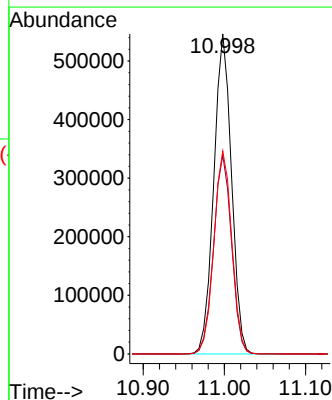
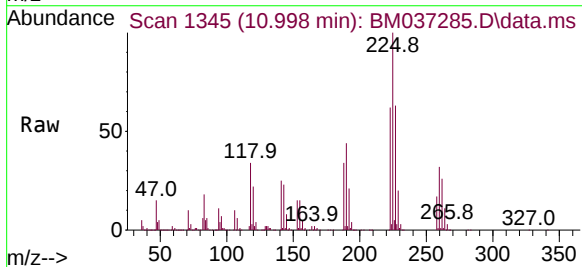
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.5	38.3
65	29.0	24.0	36.0
92	17.1	14.0	21.0

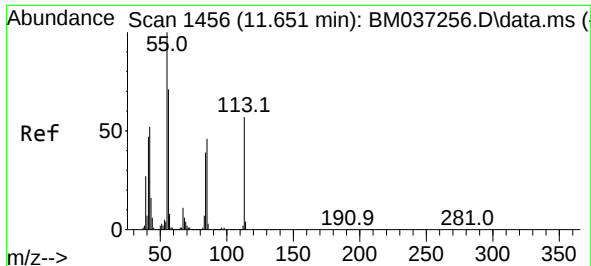


#34
Hexachlorobutadiene
Concen: 42.274 ng
RT: 10.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:225 Resp: 827806

Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.9	77.9
227	63.4	52.2	78.4

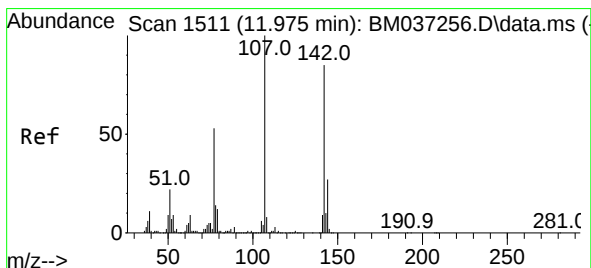
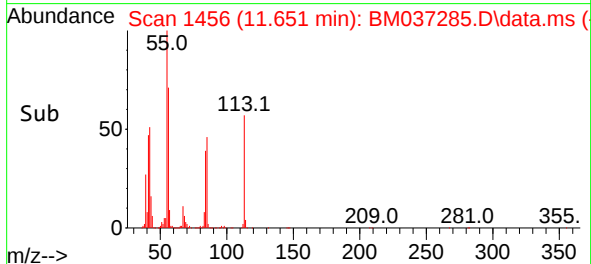
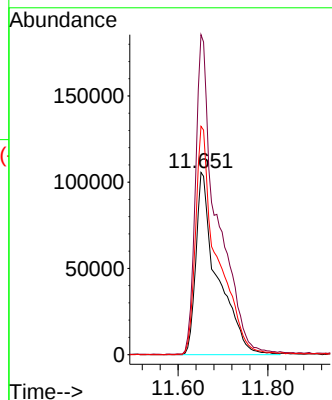
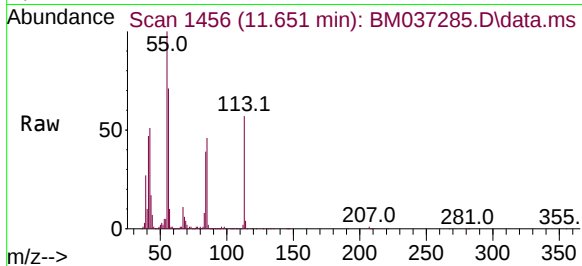




#35
 Caprolactam
 Concen: 37.029 ng
 RT: 11.651 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BM037285.D
 Acq: 31 Oct 2022 11:39

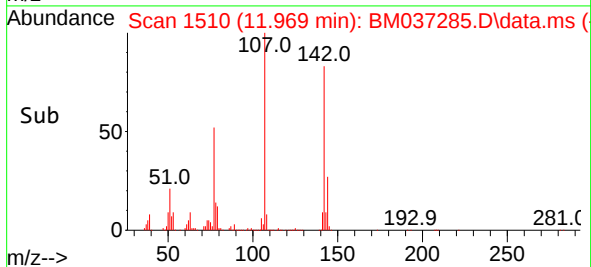
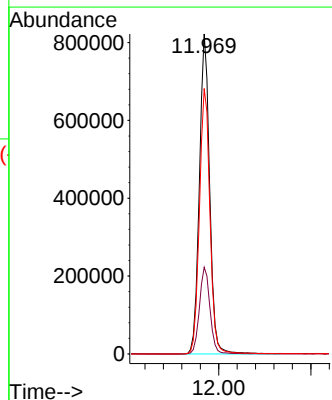
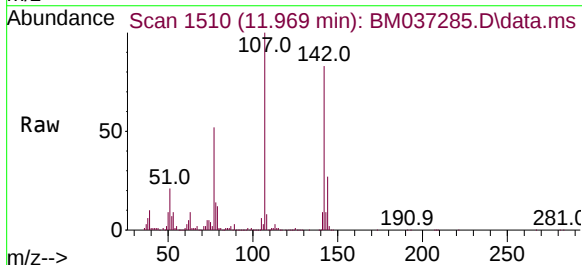
Instrument :
 BNA_M
 ClientSampleId :
 PB148608BS

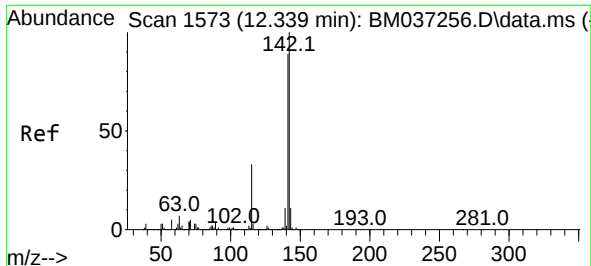
Tgt Ion:113 Resp: 348123
 Ion Ratio Lower Upper
 113 100
 55 175.7 156.9 196.9
 56 125.4 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.701 ng
 RT: 11.969 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: BM037285.D
 Acq: 31 Oct 2022 11:39

Tgt Ion:107 Resp: 1265183
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.8 32.6
 142 82.9 68.1 102.1

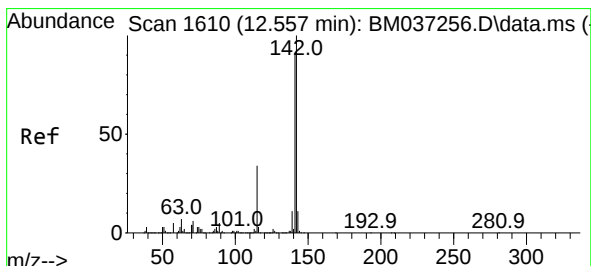
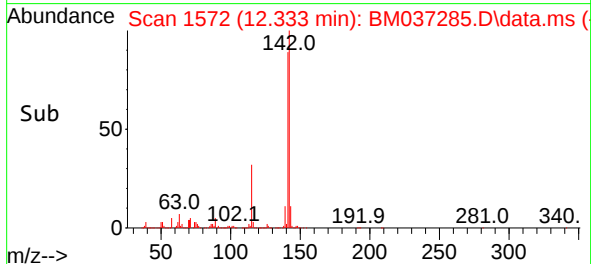
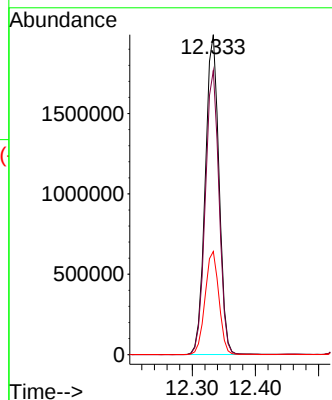
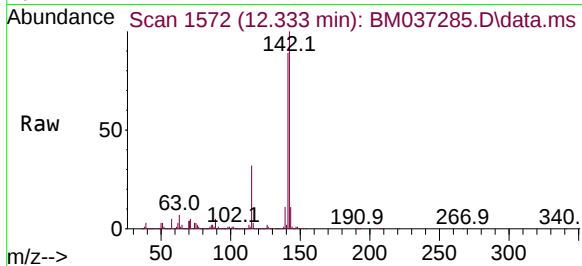




#37
2-Methylnaphthalene
Concen: 38.807 ng
RT: 12.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

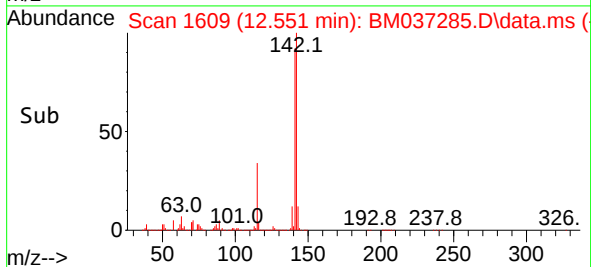
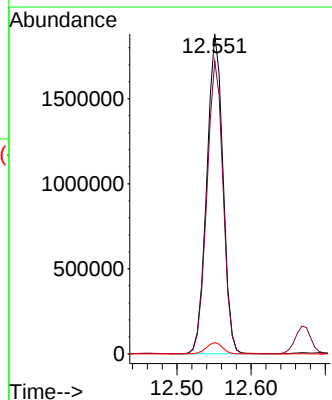
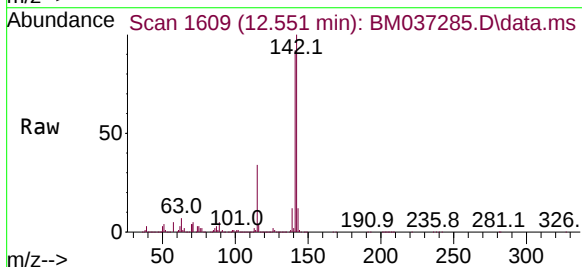
Instrument :
BNA_M
ClientSampleId :
PB148608BS

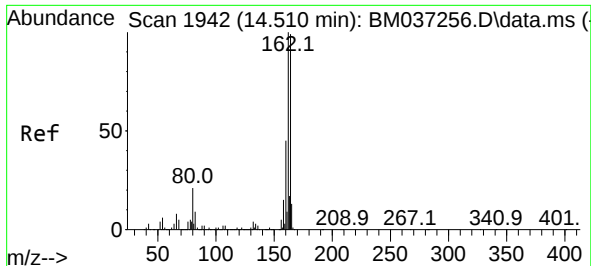
Tgt Ion:142 Resp: 3005840
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9
115 32.2 26.0 39.0



#38
1-Methylnaphthalene
Concen: 37.648 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:142 Resp: 2849297
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.6
116 3.5 2.8 4.2

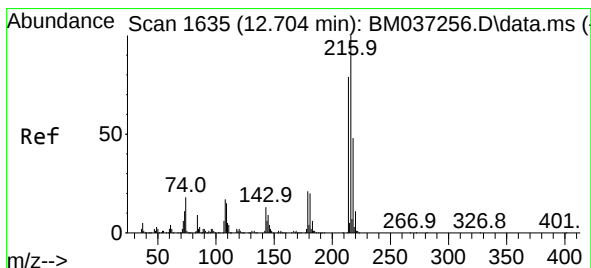
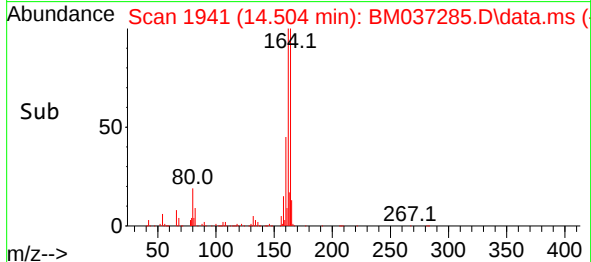
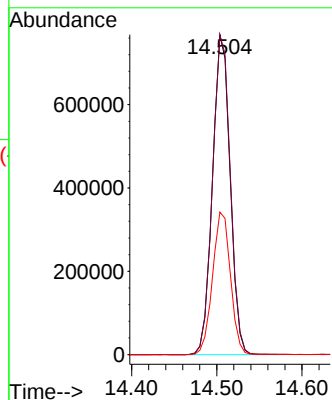
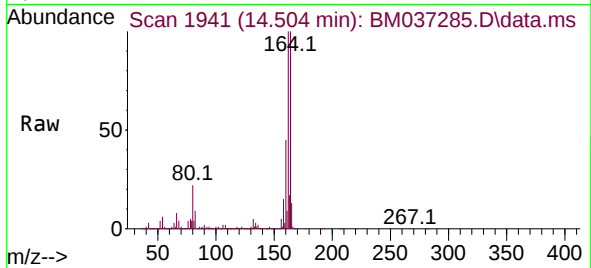




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

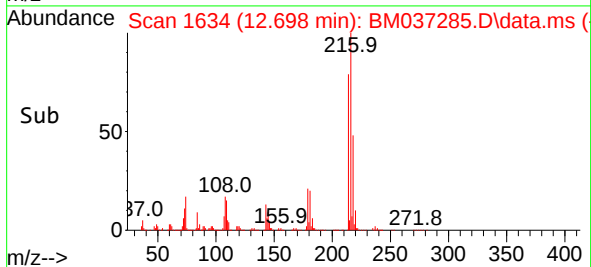
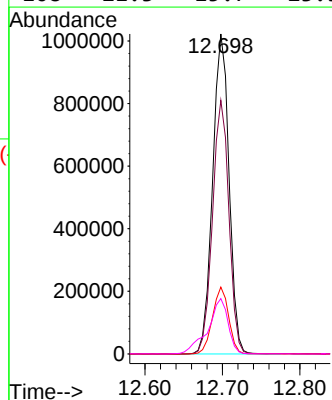
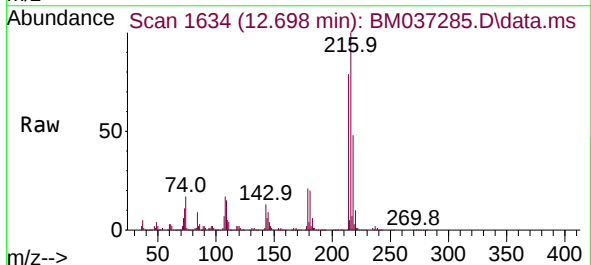
Instrument :
BNA_M
ClientSampleId :
PB148608BS

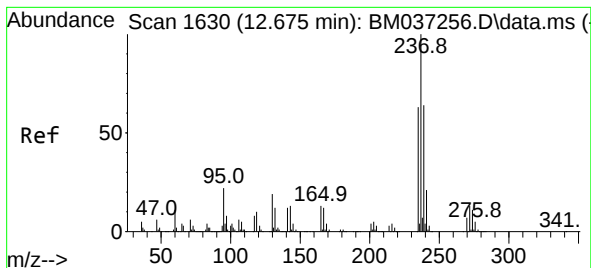
Tgt Ion:164 Resp: 1100137
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 44.6 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.510 ng
RT: 12.698 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:216 Resp: 1505384
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 20.5 16.8 25.2
108 21.3 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 123.318 ng

RT: 12.674 min Scan# 1630

Delta R.T. -0.001 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Instrument :

BNA_M

ClientSampleId :

PB148608BS

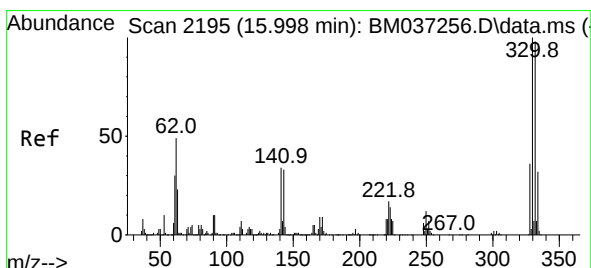
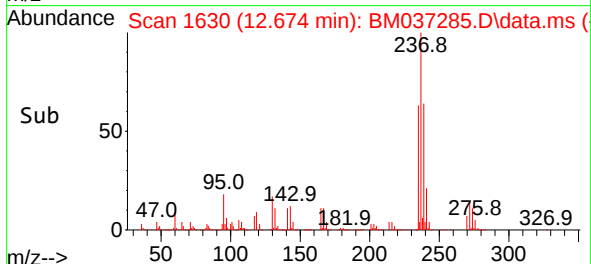
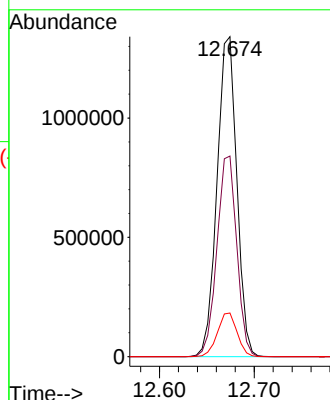
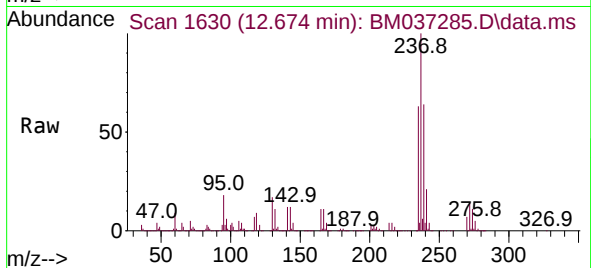
Tgt Ion:237 Resp: 1943485

Ion Ratio Lower Upper

237 100

235 62.7 42.9 82.9

272 13.6 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 132.848 ng

RT: 15.998 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

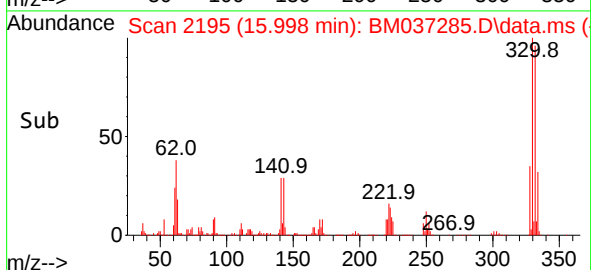
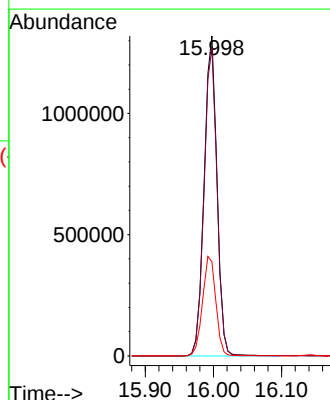
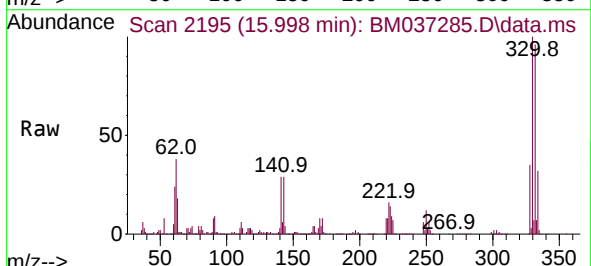
Tgt Ion:330 Resp: 1722338

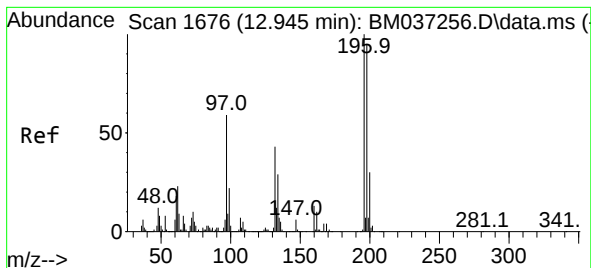
Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 32.4 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 42.630 ng

RT: 12.945 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Instrument :

BNA_M

ClientSampleId :

PB148608BS

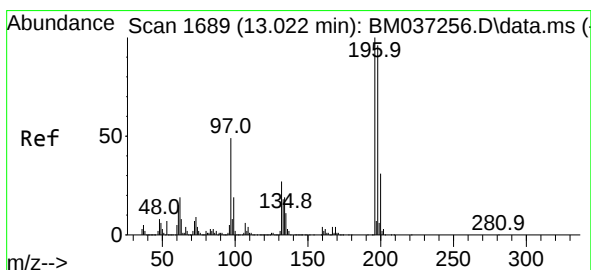
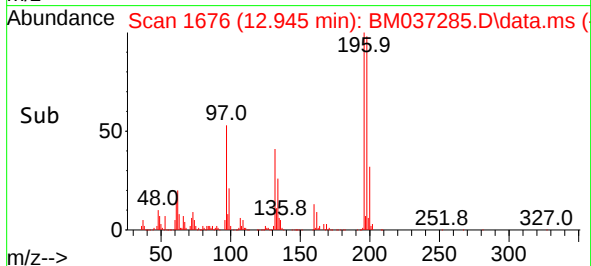
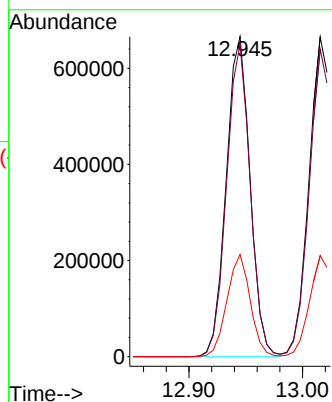
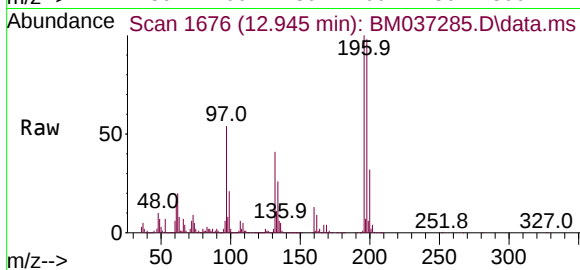
Tgt Ion:196 Resp: 970731

Ion Ratio Lower Upper

196 100

198 97.7 76.1 114.1

200 31.9 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 41.892 ng

RT: 13.015 min Scan# 1688

Delta R.T. -0.006 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Tgt Ion:196 Resp: 1052300

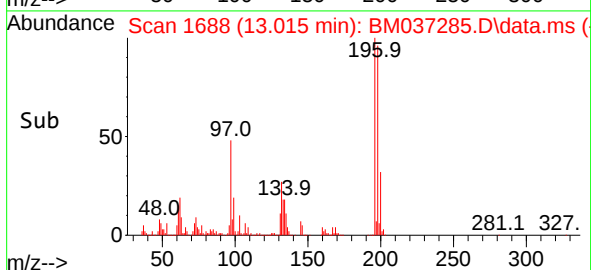
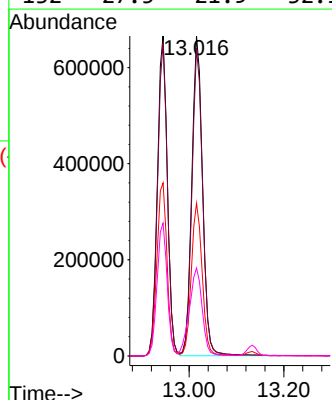
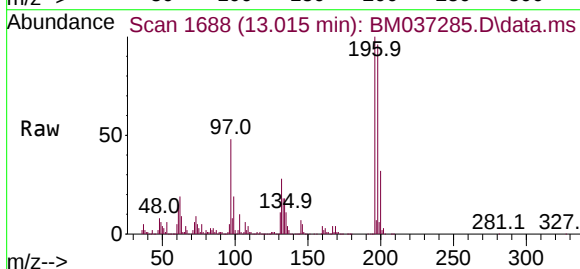
Ion Ratio Lower Upper

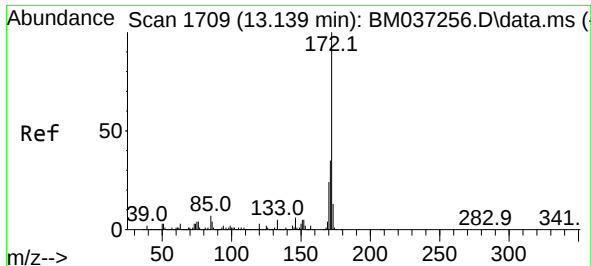
196 100

198 96.2 77.0 115.6

97 47.8 39.4 59.2

132 27.5 21.9 32.9

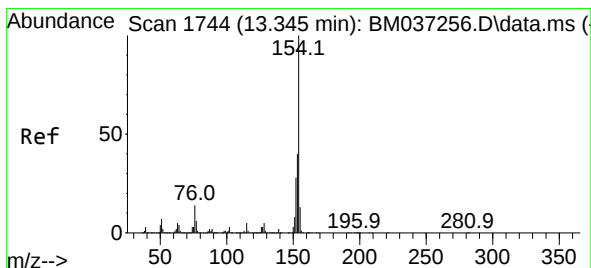
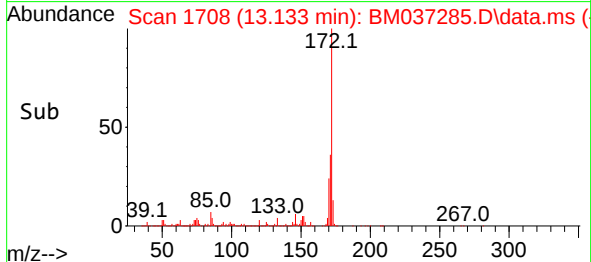
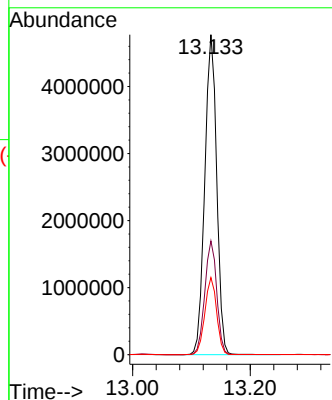
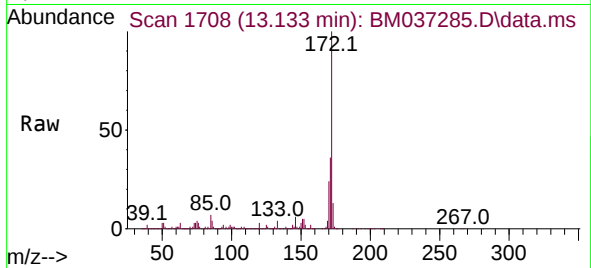




#45
2-Fluorobiphenyl
Concen: 81.254 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

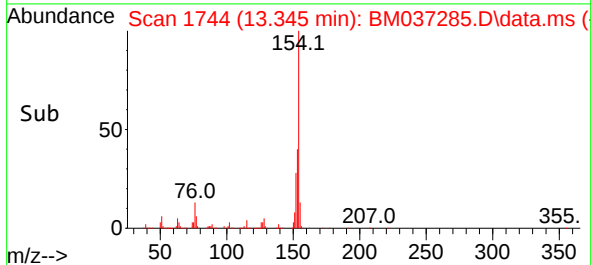
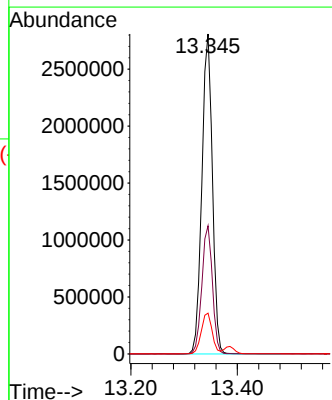
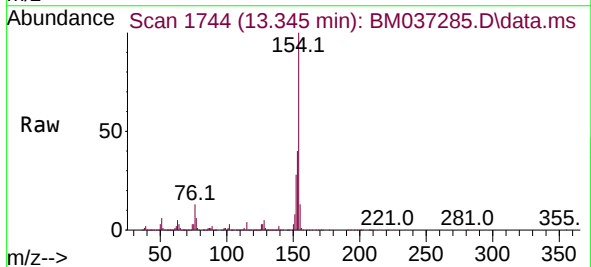
Instrument :
BNA_M
ClientSampleId :
PB148608BS

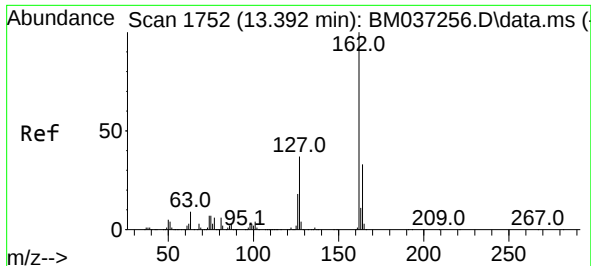
Tgt Ion:172 Resp: 6727720
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.1 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.283 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:154 Resp: 3842629
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 12.7 0.0 33.7





#47

2-Chloronaphthalene

Concen: 40.835 ng

RT: 13.386 min Scan# 1751

Delta R.T. -0.006 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Instrument :

BNA_M

ClientSampleId :

PB148608BS

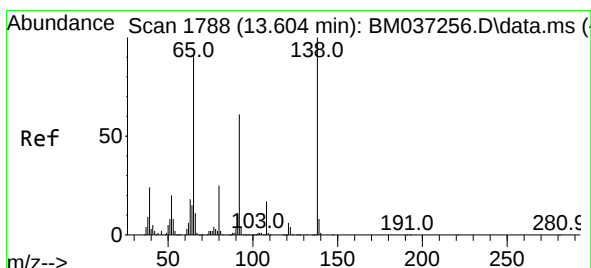
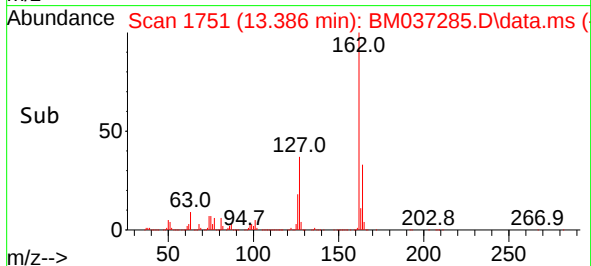
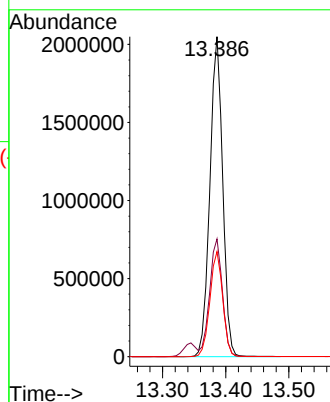
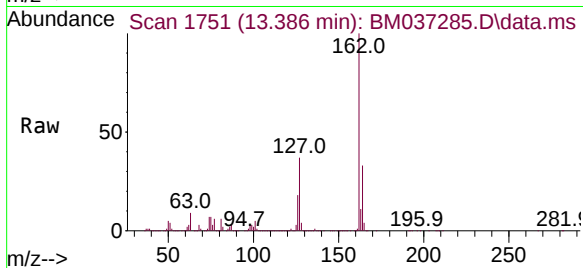
Tgt Ion:162 Resp: 2884971

Ion Ratio Lower Upper

162 100

127 36.8 29.5 44.3

164 32.8 26.3 39.5



#48

2-Nitroaniline

Concen: 38.031 ng

RT: 13.598 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

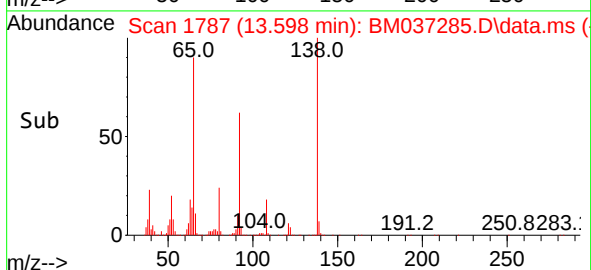
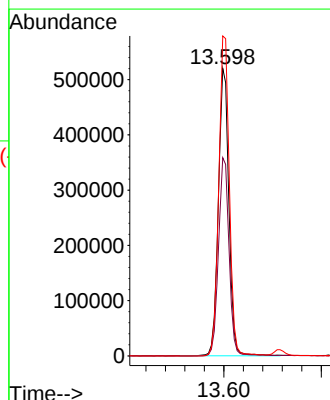
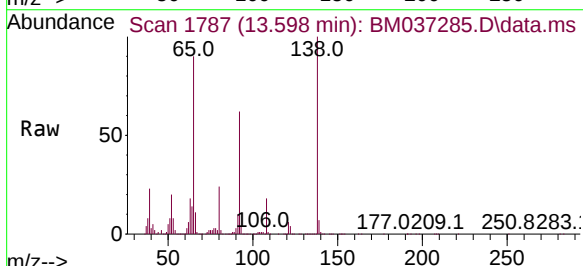
Tgt Ion: 65 Resp: 776449

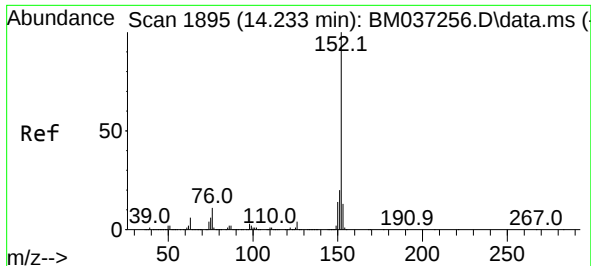
Ion Ratio Lower Upper

65 100

92 68.9 53.7 80.5

138 111.3 87.4 131.2

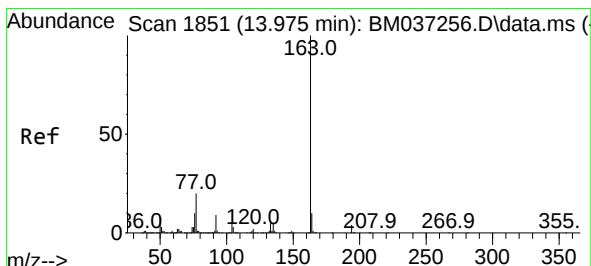
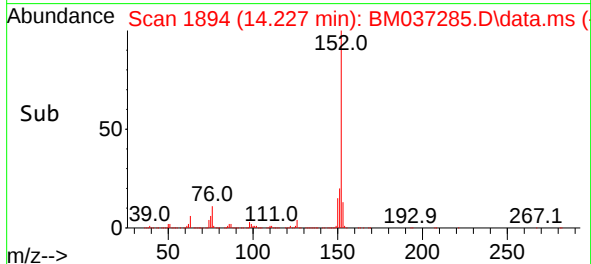
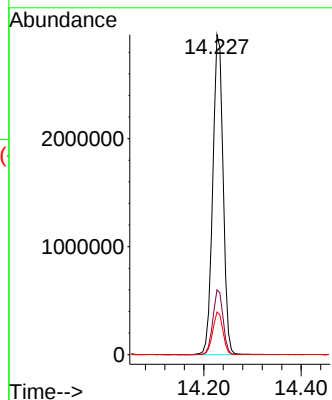
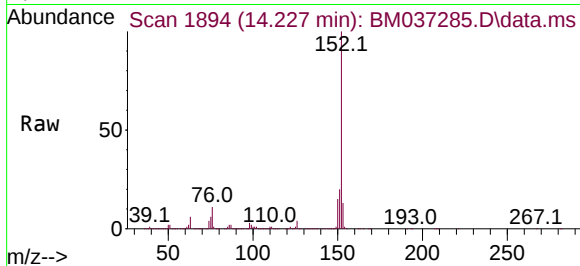




#49
Acenaphthylene
Concen: 40.006 ng
RT: 14.227 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

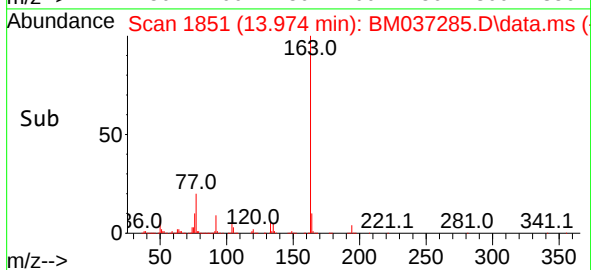
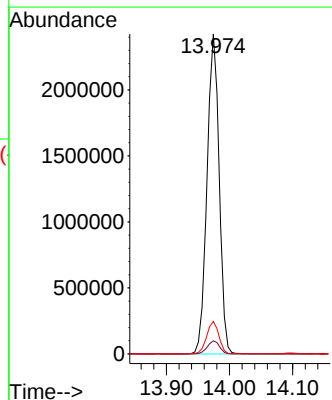
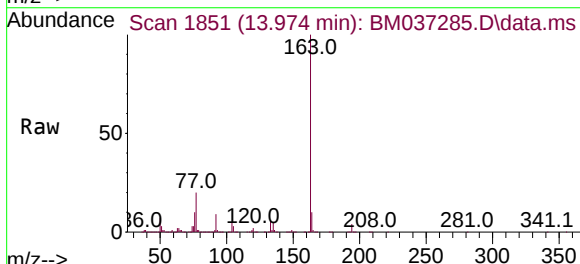
Instrument :
BNA_M
ClientSampleId :
PB148608BS

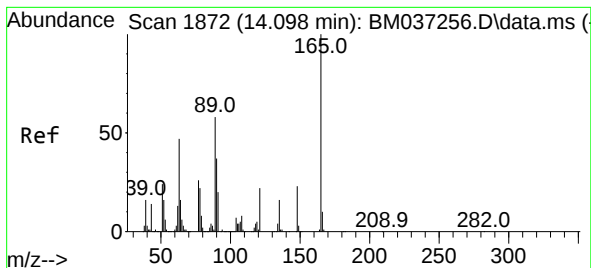
Tgt Ion:152 Resp: 4387453
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 38.417 ng
RT: 13.974 min Scan# 1851
Delta R.T. -0.001 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:163 Resp: 3228193
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.1 8.2 12.2

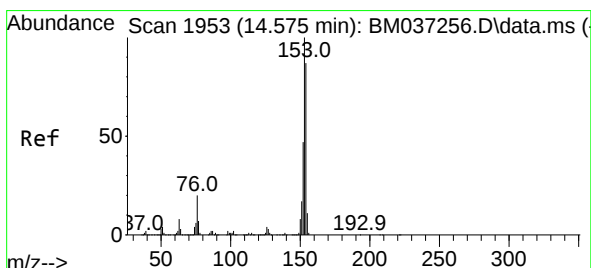
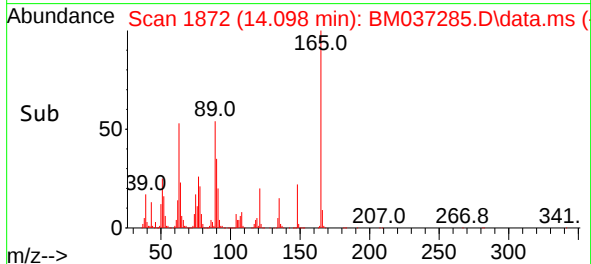
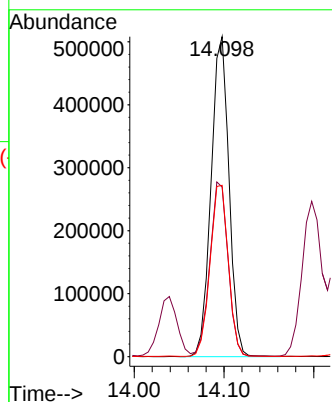
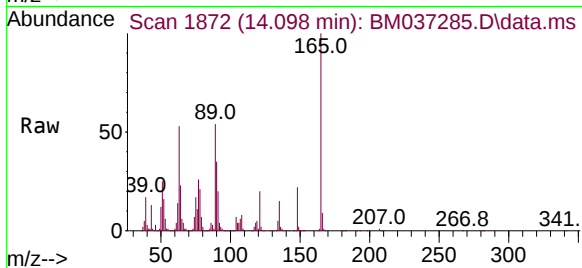




#51
2,6-Dinitrotoluene
Concen: 39.789 ng
RT: 14.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

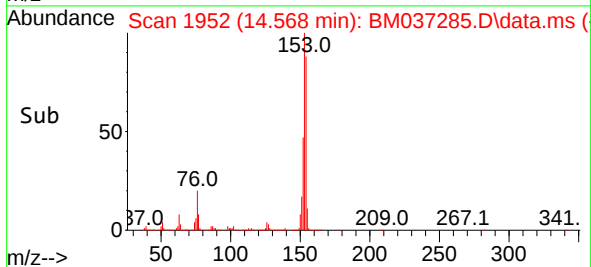
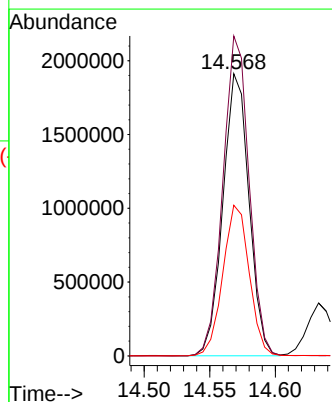
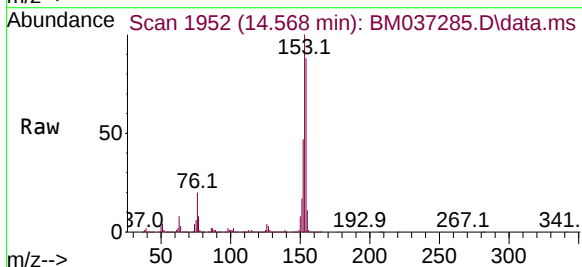
Instrument :
BNA_M
ClientSampleId :
PB148608BS

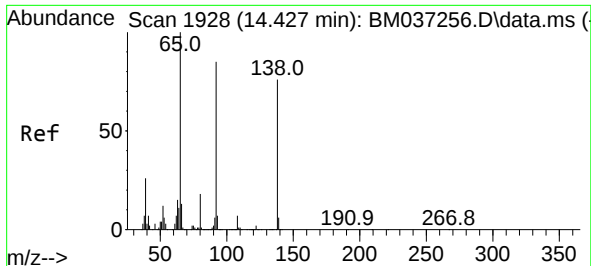
Tgt Ion:165 Resp: 708046
Ion Ratio Lower Upper
165 100
63 53.0 46.2 69.2
89 53.5 46.6 69.8



#52
Acenaphthene
Concen: 39.048 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.007 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:154 Resp: 2647501
Ion Ratio Lower Upper
154 100
153 113.4 91.5 137.3
152 53.4 43.0 64.6

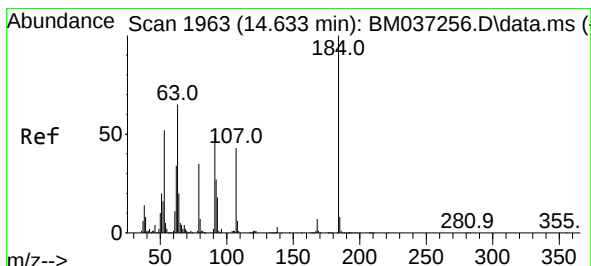
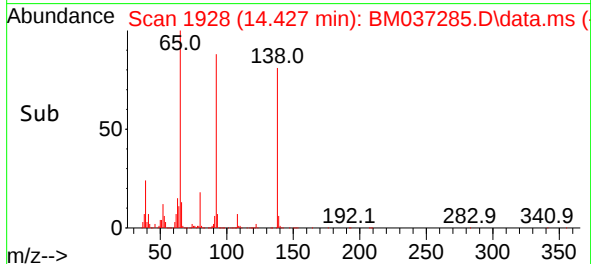
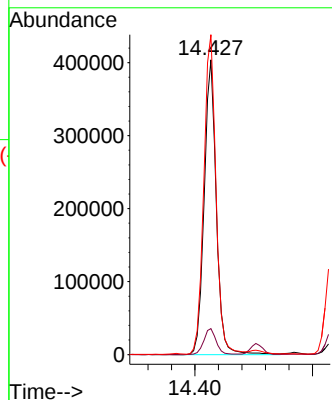
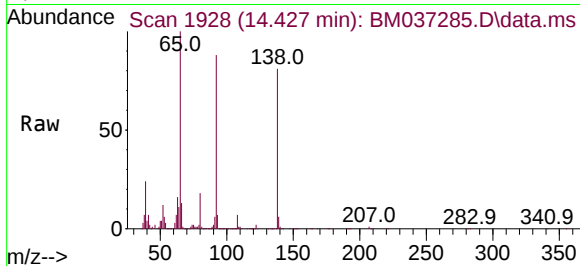




#53
3-Nitroaniline
Concen: 29.084 ng
RT: 14.427 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

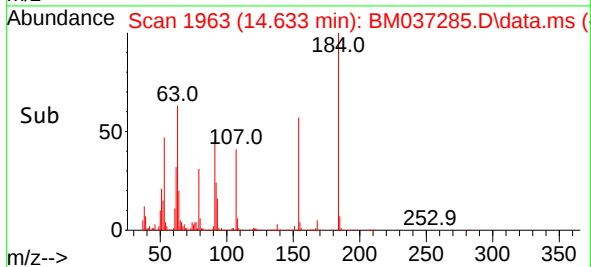
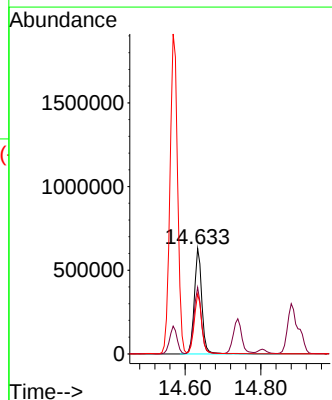
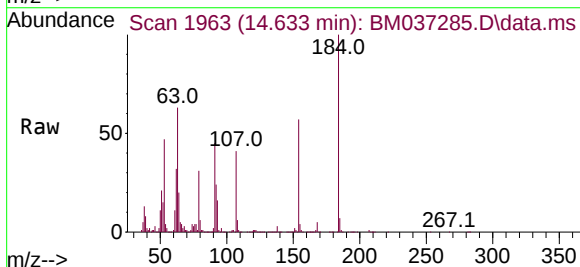
Instrument :
BNA_M
ClientSampleId :
PB148608BS

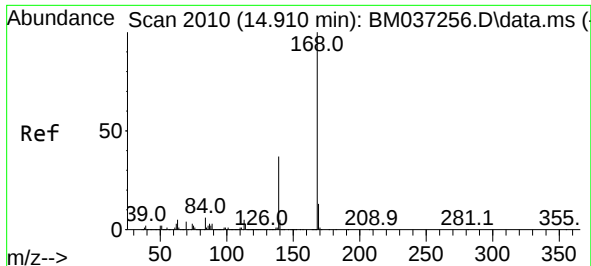
Tgt Ion:138 Resp: 578202
Ion Ratio Lower Upper
138 100
108 8.8 7.3 10.9
92 108.6 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 73.898 ng
RT: 14.633 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:184 Resp: 859597
Ion Ratio Lower Upper
184 100
63 63.0 57.7 86.5
154 56.8 48.3 72.5

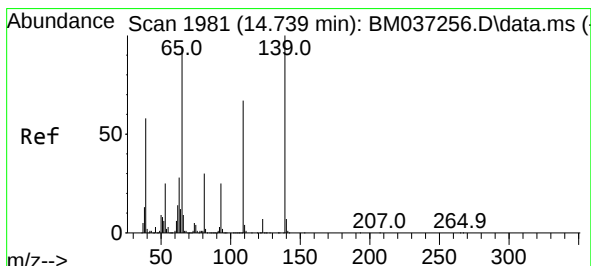
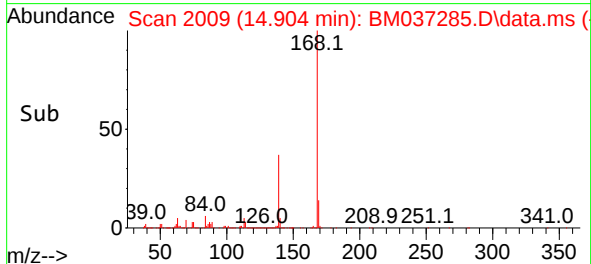
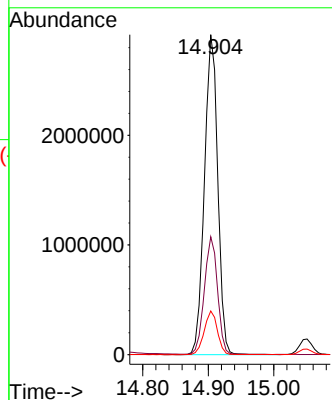
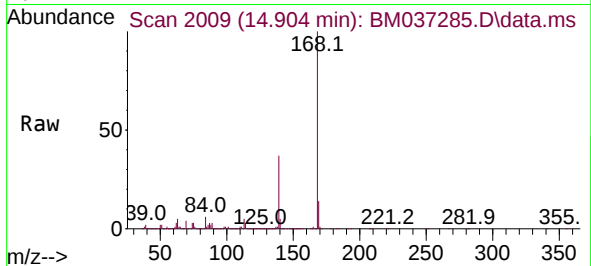




#55
Dibenzofuran
Concen: 39.149 ng
RT: 14.904 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

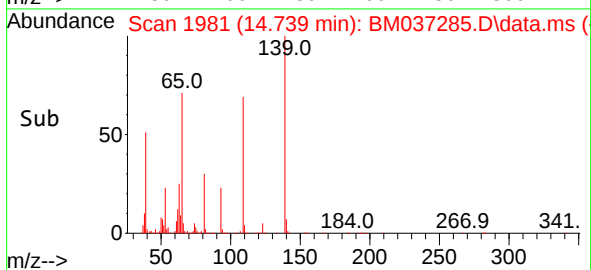
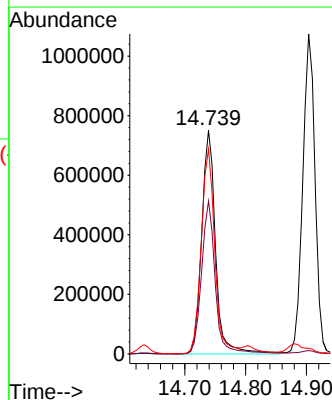
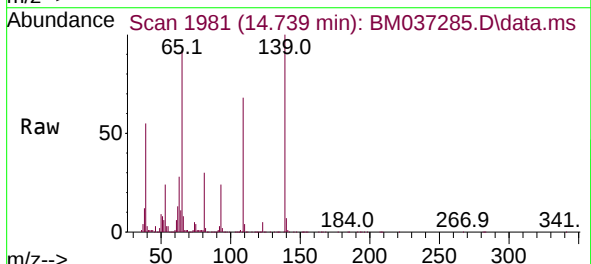
Instrument :
BNA_M
ClientSampleId :
PB148608BS

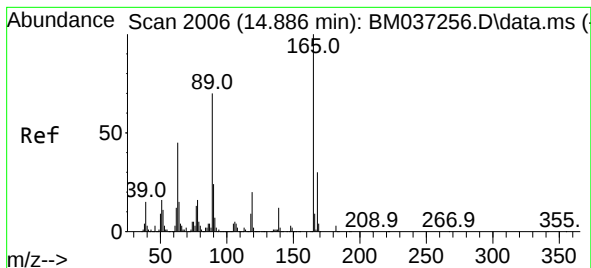
Tgt Ion:168 Resp: 4088329
Ion Ratio Lower Upper
168 100
139 36.8 29.3 43.9
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 74.473 ng
RT: 14.739 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:139 Resp: 1181108
Ion Ratio Lower Upper
139 100
109 68.4 47.4 87.4
65 91.6 73.8 113.8

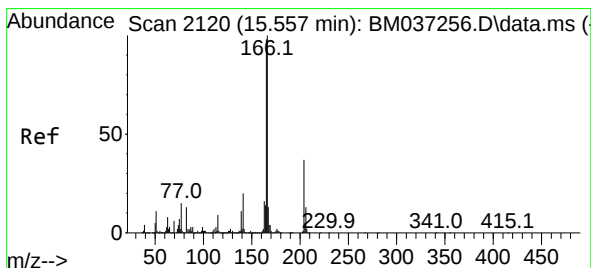
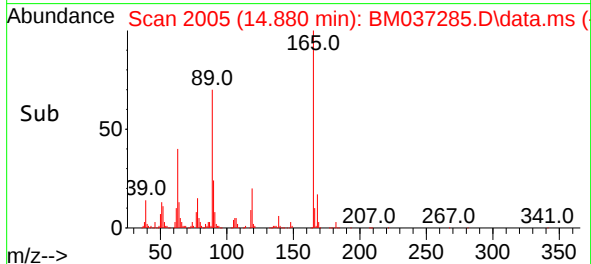
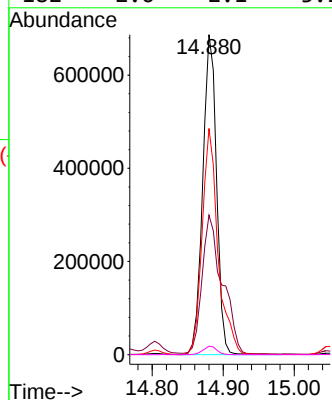
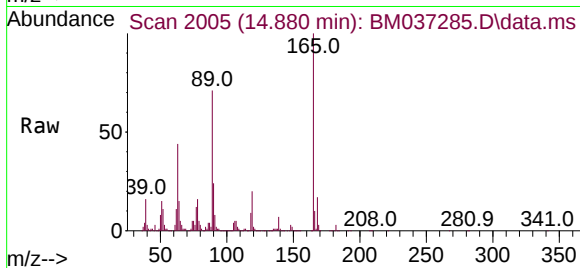




#57
2,4-Dinitrotoluene
Concen: 39.401 ng
RT: 14.880 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

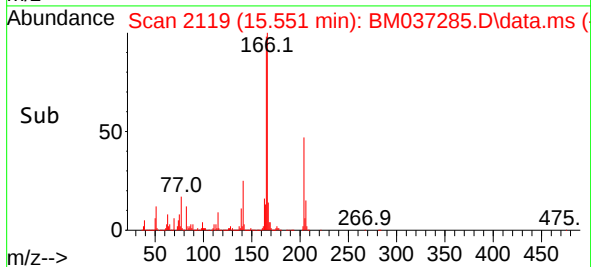
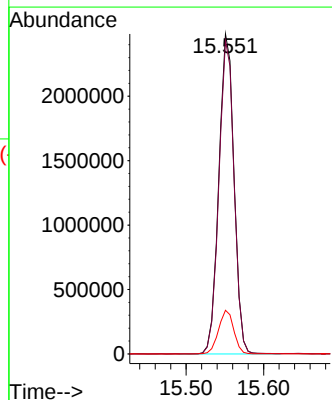
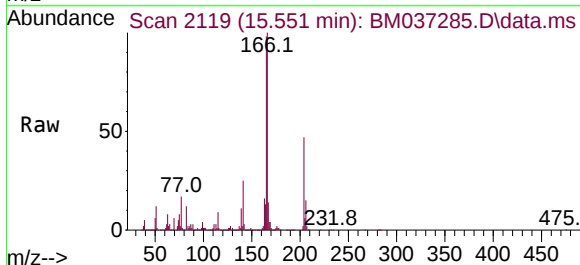
Instrument :
BNA_M
ClientSampleId :
PB148608BS

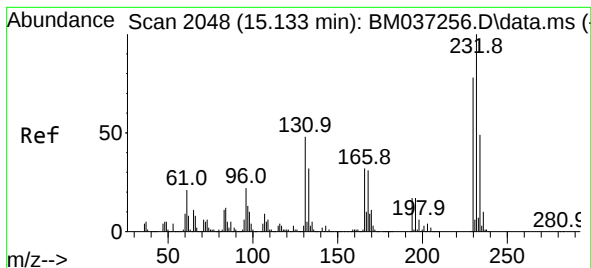
Tgt Ion:165 Resp: 922599
Ion Ratio Lower Upper
165 100
63 43.6 36.3 54.5
89 70.7 56.3 84.5
182 2.6 2.1 3.1



#58
Fluorene
Concen: 38.813 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:166 Resp: 3383234
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.4
167 13.6 10.6 15.8

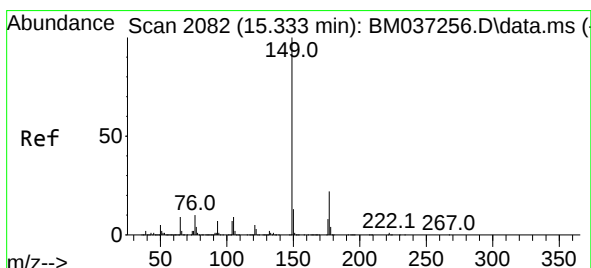
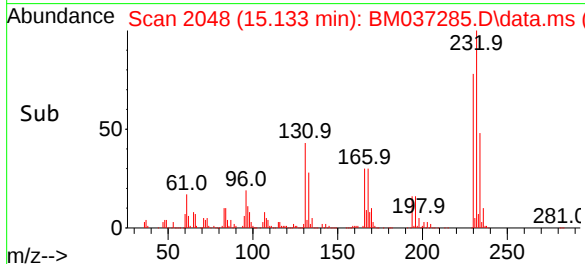
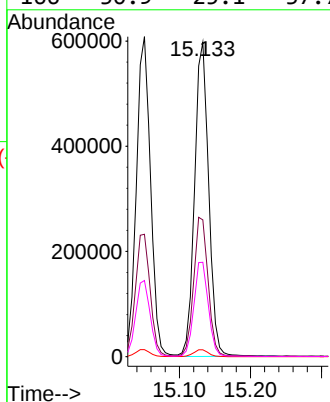
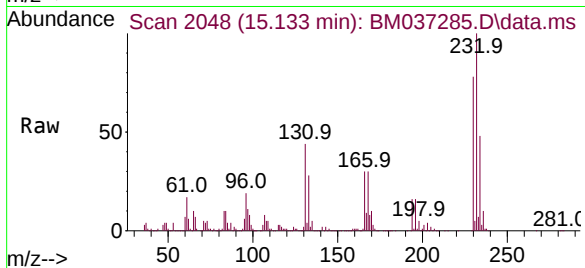




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.918 ng
RT: 15.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

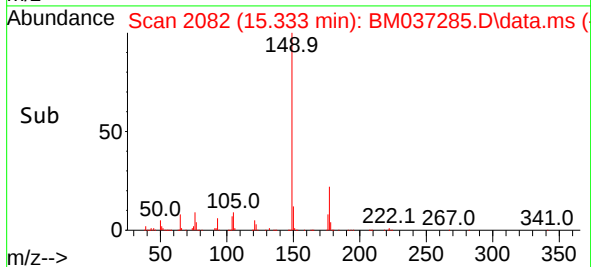
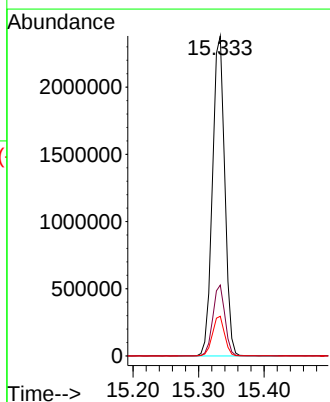
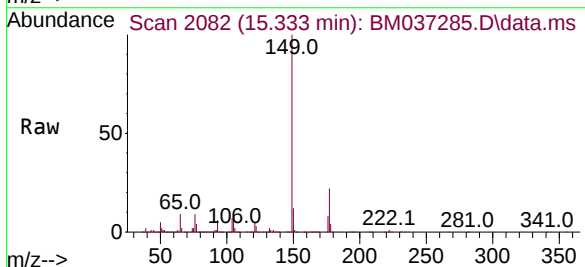
Instrument :
BNA_M
ClientSampleId :
PB148608BS

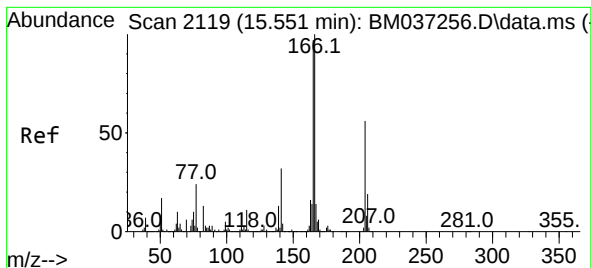
Tgt Ion:232 Resp: 819378
Ion Ratio Lower Upper
232 100
131 45.0 37.8 56.8
130 2.3 1.9 2.9
166 30.9 25.1 37.7



#60
Diethylphthalate
Concen: 37.972 ng
RT: 15.333 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:149 Resp: 3101242
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.0
150 12.4 10.0 15.0

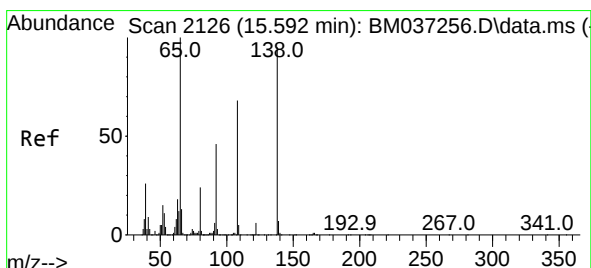
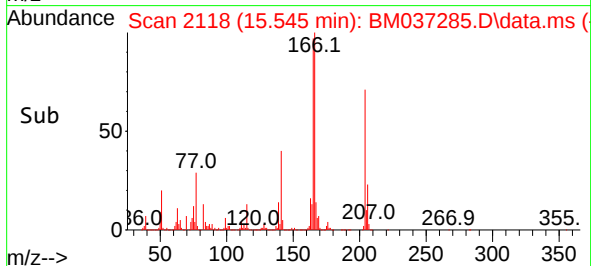
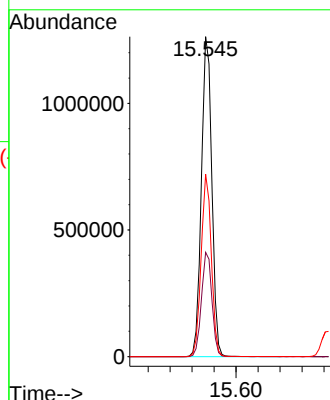
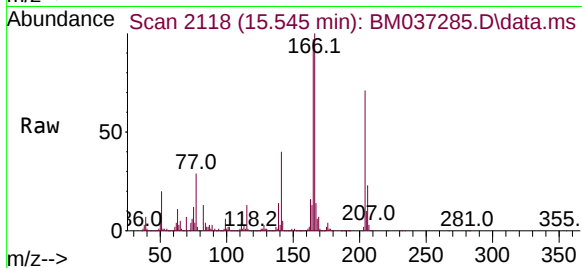




#61
4-Chlorophenyl-phenylether
Concen: 41.035 ng
RT: 15.545 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

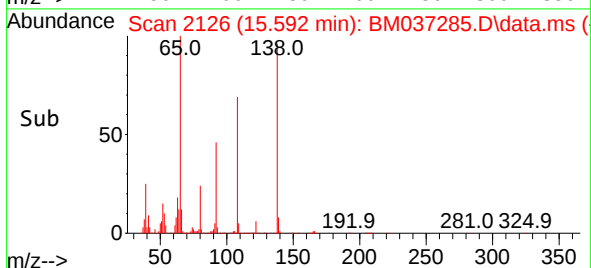
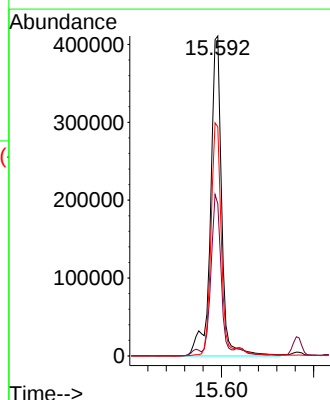
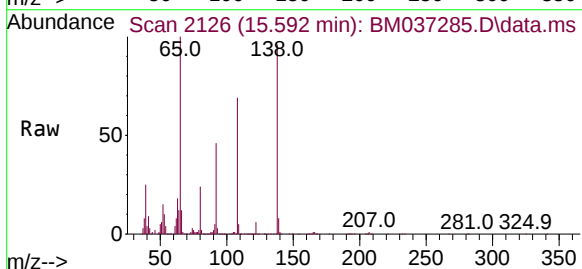
Instrument :
BNA_M
ClientSampleId :
PB148608BS

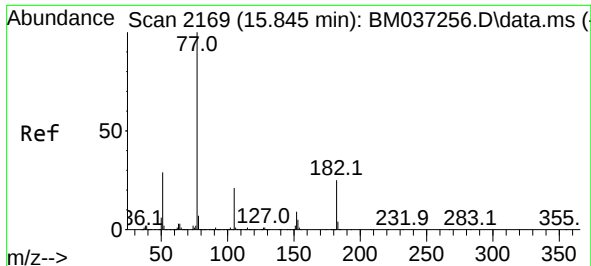
Tgt Ion:204 Resp: 1654837
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 57.0 45.2 67.8



#62
4-Nitroaniline
Concen: 34.515 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:138 Resp: 688166
Ion Ratio Lower Upper
138 100
92 47.5 28.1 68.1
108 71.6 51.3 91.3

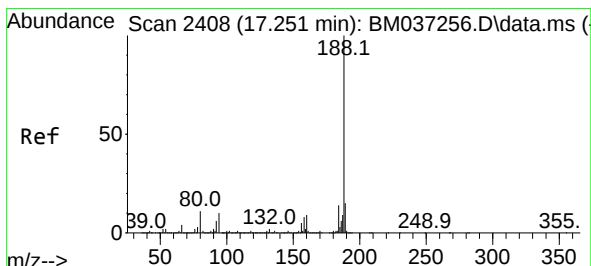
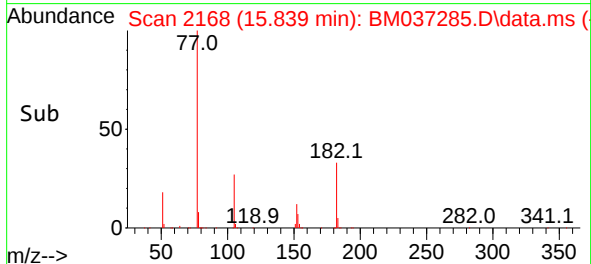
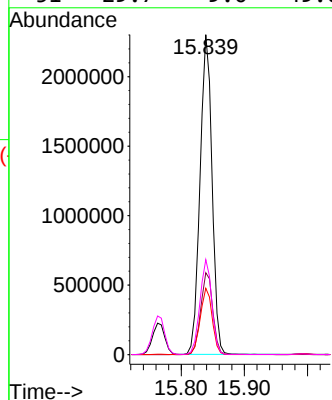
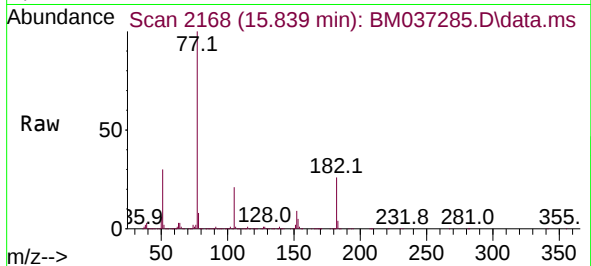




#63
Azobenzene
Concen: 37.782 ng
RT: 15.839 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

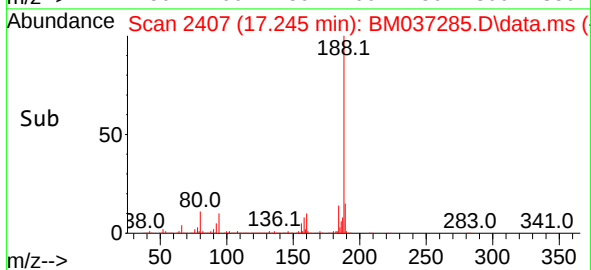
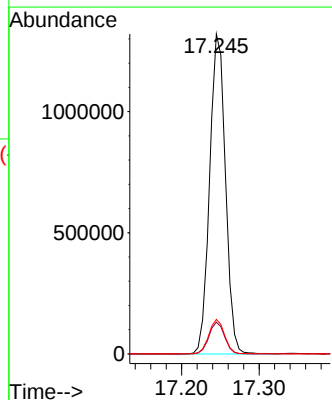
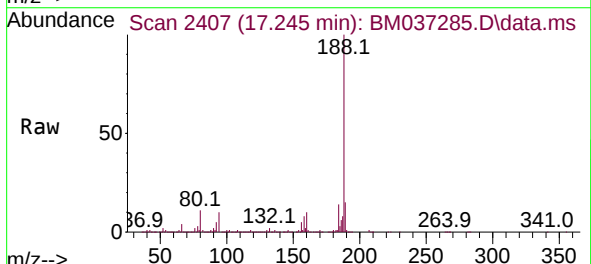
Instrument :
BNA_M
ClientSampleId :
PB148608BS

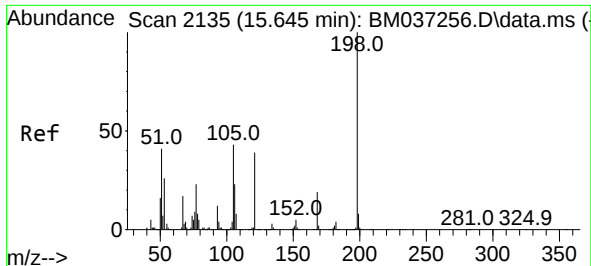
Tgt Ion: 77 Resp: 3039816
Ion Ratio Lower Upper
77 100
182 25.6 5.1 45.1
105 20.7 0.5 40.5
51 29.7 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:188 Resp: 1871987
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.8 8.5 12.7

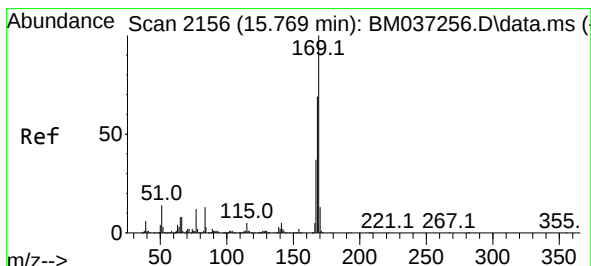
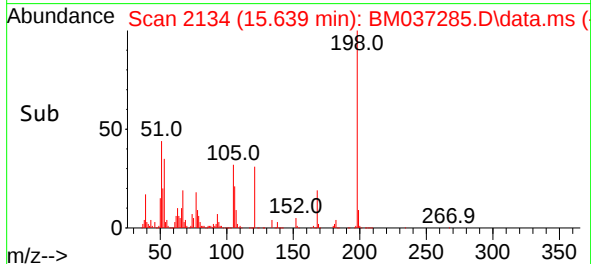
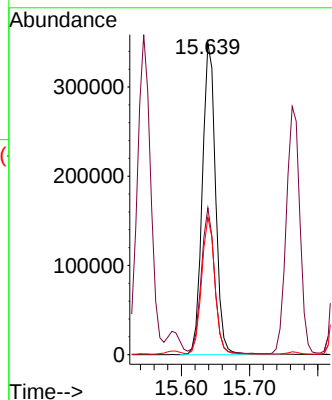
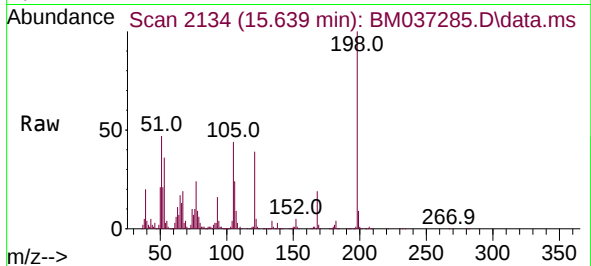




#65
4,6-Dinitro-2-methylphenol
Concen: 37.441 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

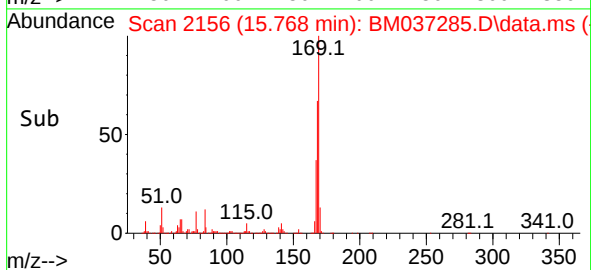
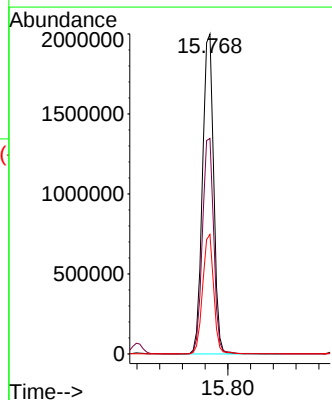
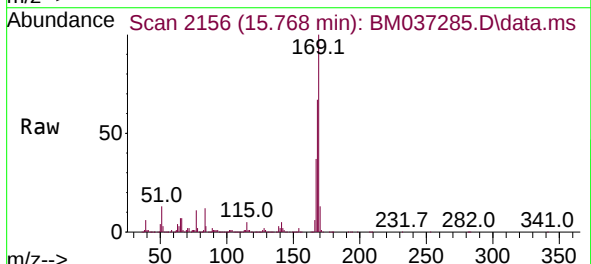
Instrument :
BNA_M
ClientSampleId :
PB148608BS

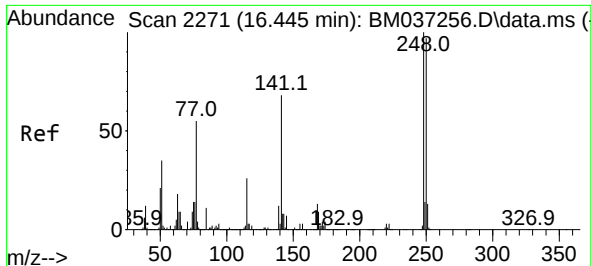
Tgt Ion:198 Resp: 472877
Ion Ratio Lower Upper
198 100
51 47.2 26.8 66.8
105 44.1 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 43.036 ng
RT: 15.768 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:169 Resp: 2723079
Ion Ratio Lower Upper
169 100
168 67.3 54.8 82.2
167 37.3 29.5 44.3

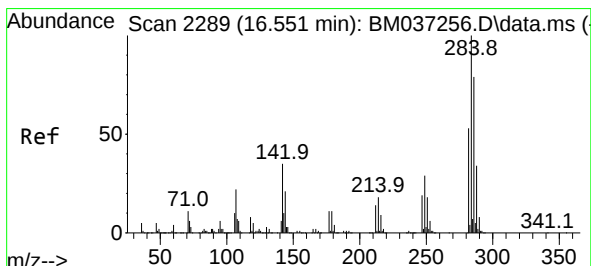
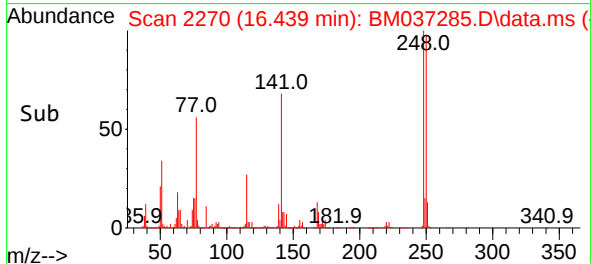
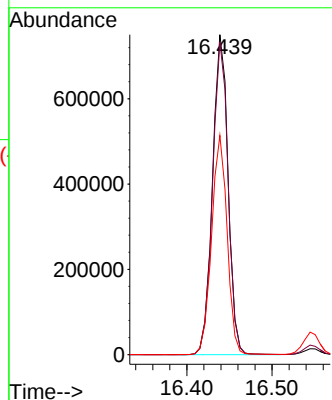
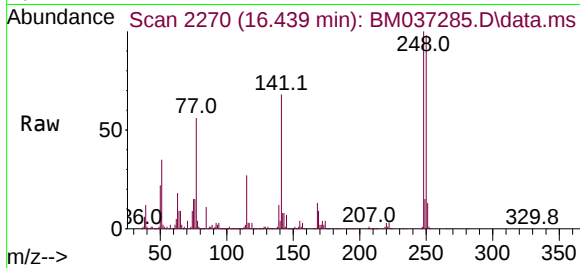




#67
4-Bromophenyl-phenylether
Concen: 45.167 ng
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

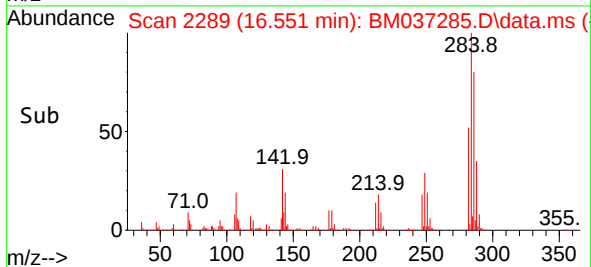
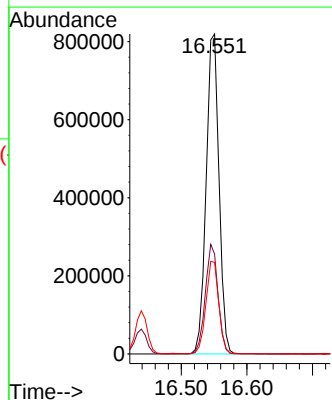
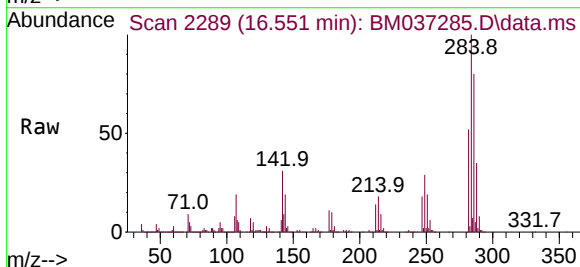
Instrument :
BNA_M
ClientSampleId :
PB148608BS

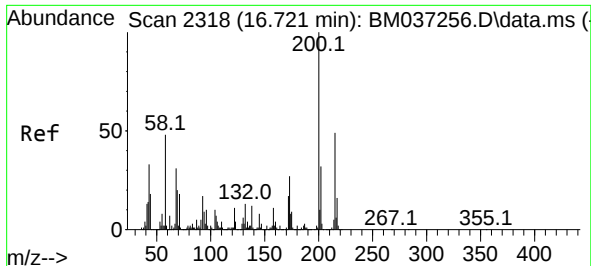
Tgt Ion:248 Resp: 948843
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.6
141 68.5 54.2 81.2



#68
Hexachlorobenzene
Concen: 43.617 ng
RT: 16.551 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:284 Resp: 1108872
Ion Ratio Lower Upper
284 100
142 31.2 28.2 42.4
249 28.7 23.1 34.7

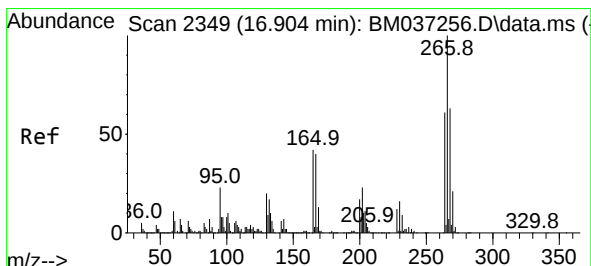
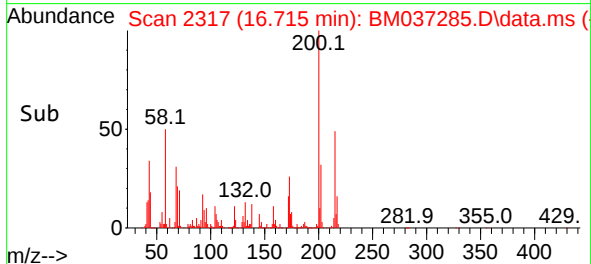
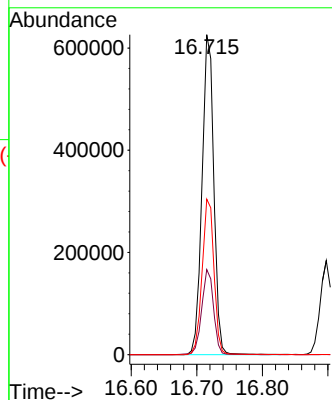
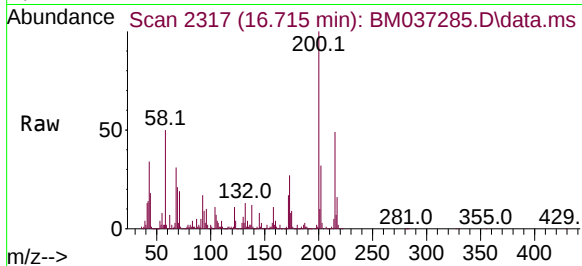




#69
 Atrazine
 Concen: 48.744 ng
 RT: 16.715 min Scan# 2317
 Delta R.T. -0.006 min
 Lab File: BM037285.D
 Acq: 31 Oct 2022 11:39

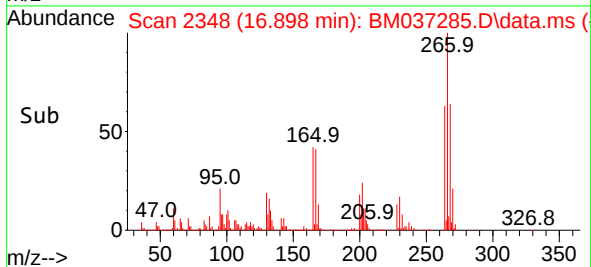
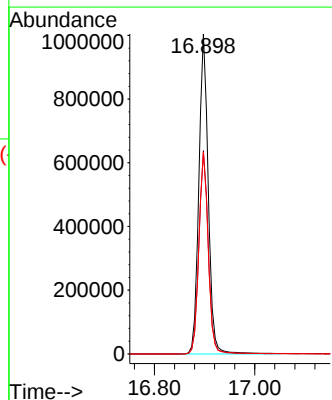
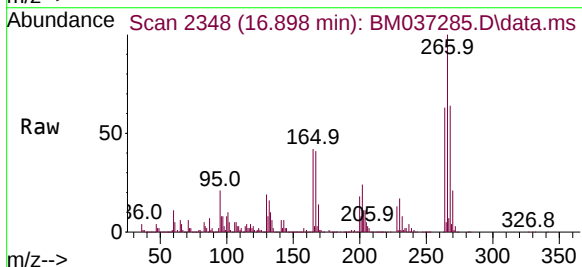
Instrument :
 BNA_M
 ClientSampleId :
 PB148608BS

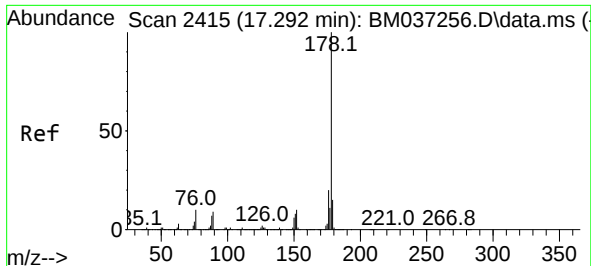
Tgt Ion:200 Resp: 776048
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.8 46.8
 215 48.6 28.5 68.5



#70
 Pentachlorophenol
 Concen: 88.217 ng
 RT: 16.898 min Scan# 2348
 Delta R.T. -0.006 min
 Lab File: BM037285.D
 Acq: 31 Oct 2022 11:39

Tgt Ion:266 Resp: 1305003
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.7 76.1
 264 63.0 49.1 73.7

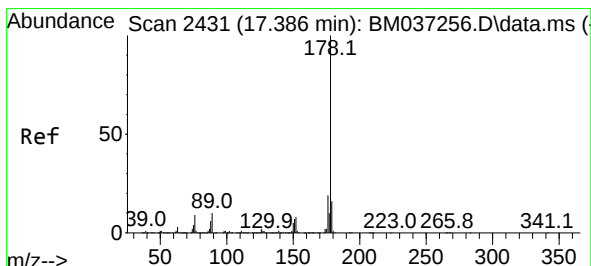
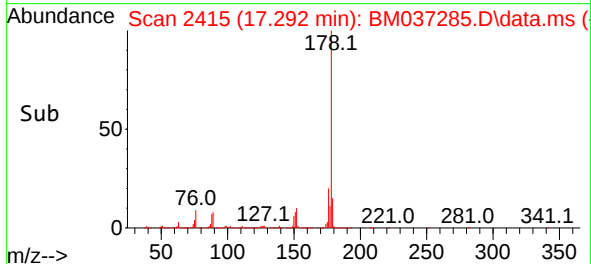
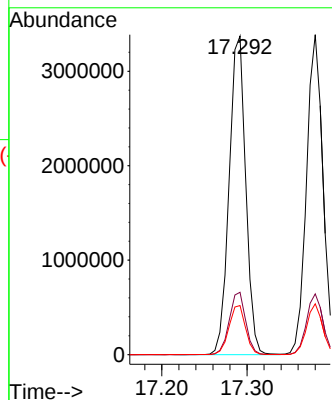
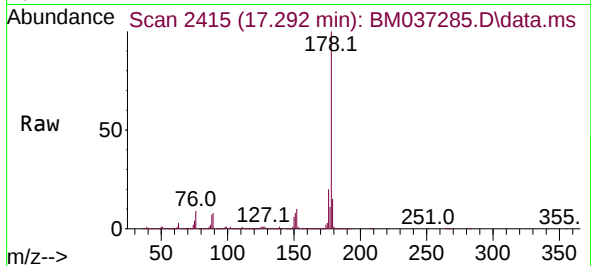




#71
Phenanthrene
Concen: 39.170 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

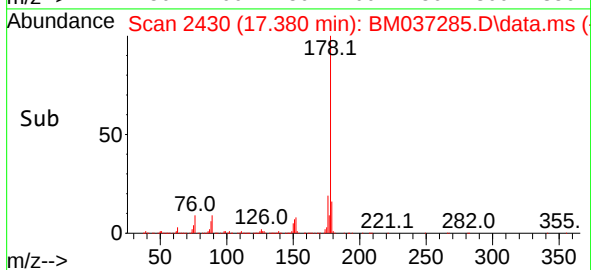
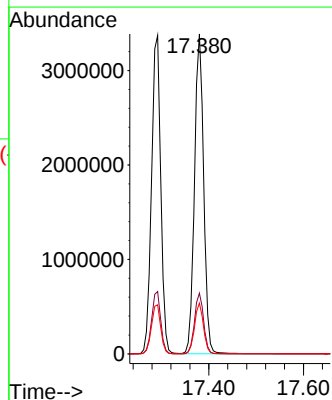
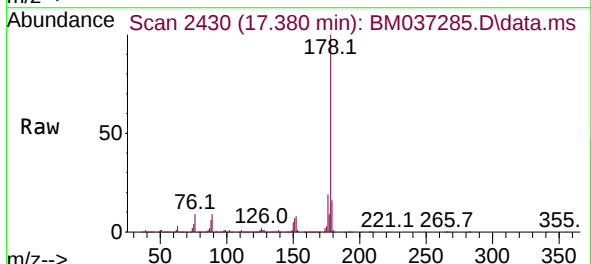
Instrument :
BNA_M
ClientSampleId :
PB148608BS

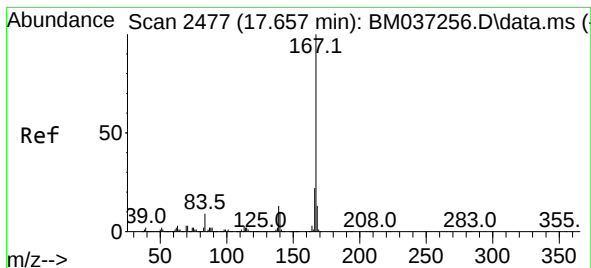
Tgt Ion:178 Resp: 4549207
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.4 12.4 18.6



#72
Anthracene
Concen: 41.452 ng
RT: 17.380 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:178 Resp: 4557653
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.9 12.6 19.0





#73

Carbazole

Concen: 39.384 ng

RT: 17.656 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Instrument :

BNA_M

ClientSampleId :

PB148608BS

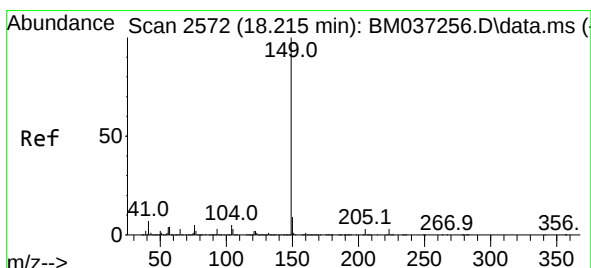
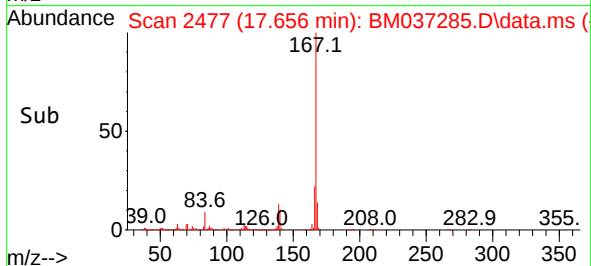
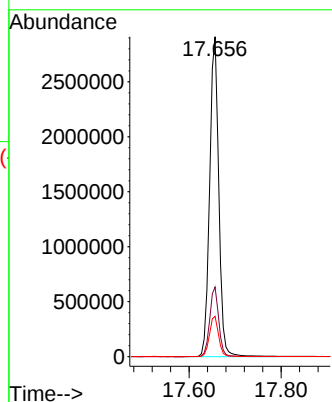
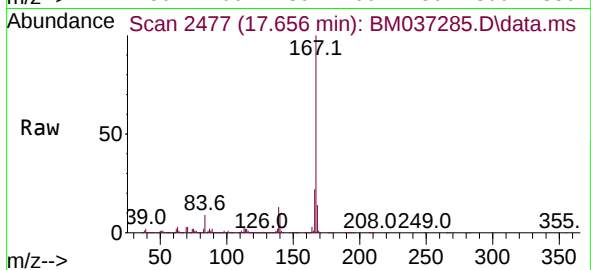
Tgt Ion:167 Resp: 3972075

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 12.6 10.4 15.6



#74

Di-n-butylphthalate

Concen: 41.024 ng

RT: 18.215 min Scan# 2572

Delta R.T. -0.000 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

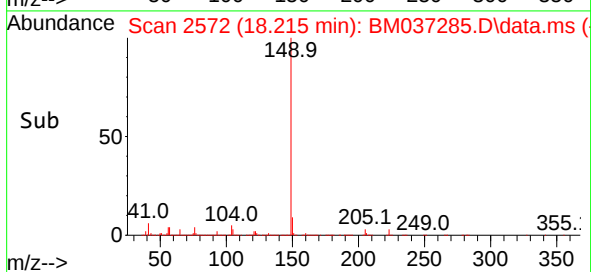
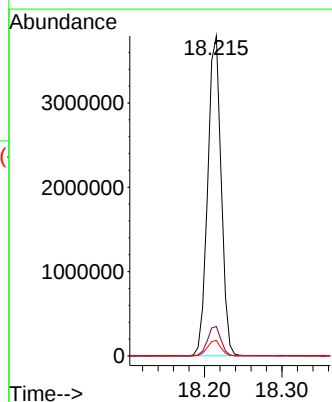
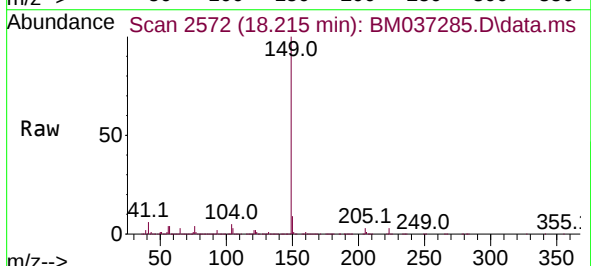
Tgt Ion:149 Resp: 4568653

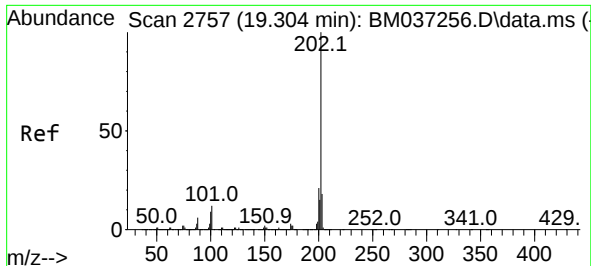
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.8 4.0 6.0

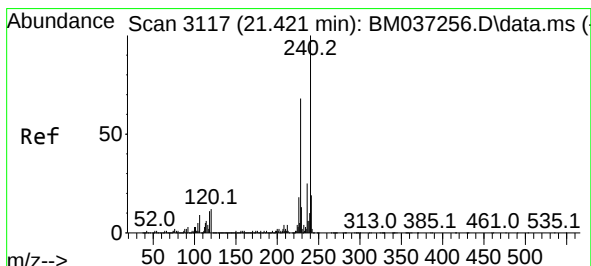
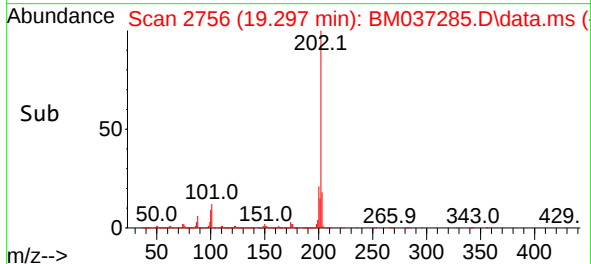
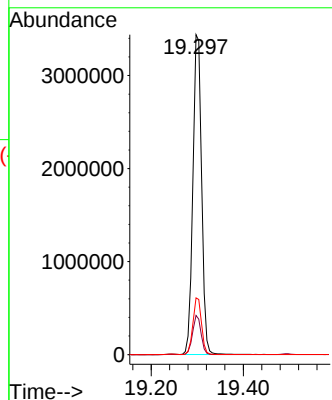
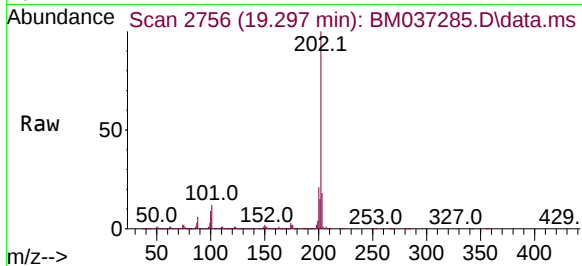




#75
Fluoranthene
Concen: 36.956 ng
RT: 19.297 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

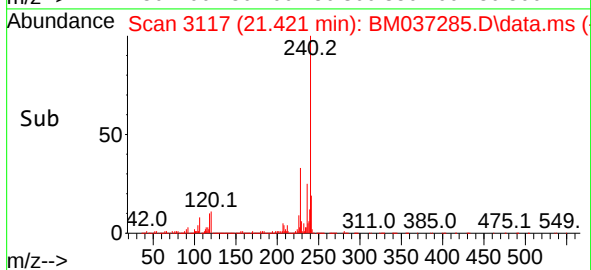
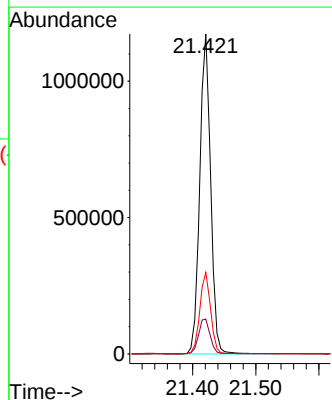
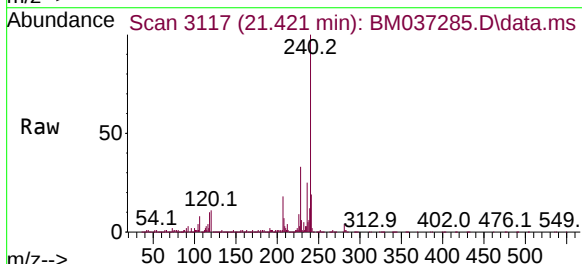
Instrument :
BNA_M
ClientSampleId :
PB148608BS

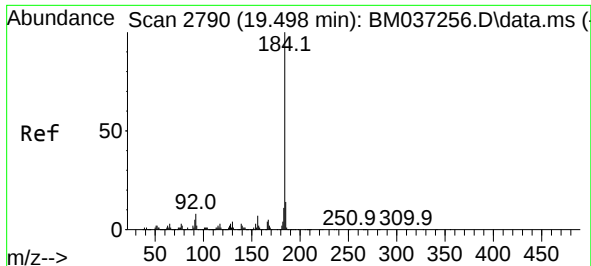
Tgt Ion:202 Resp: 4537003
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.4
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:240 Resp: 1403973
Ion Ratio Lower Upper
240 100
120 10.9 9.9 14.9
236 25.5 20.3 30.5

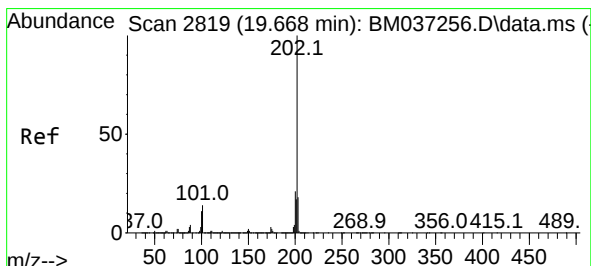
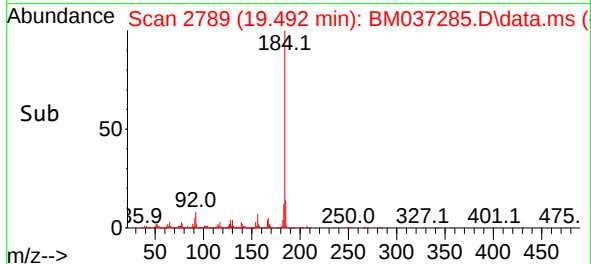
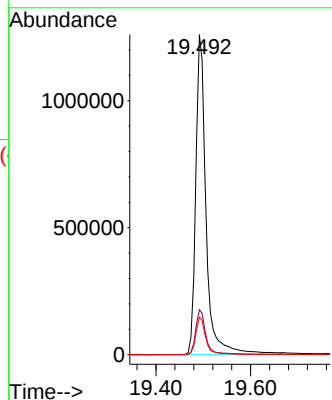
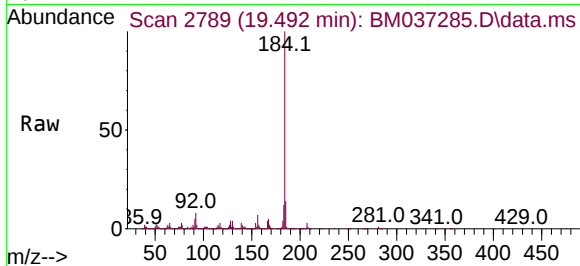




#77
Benzidine
Concen: 91.452 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

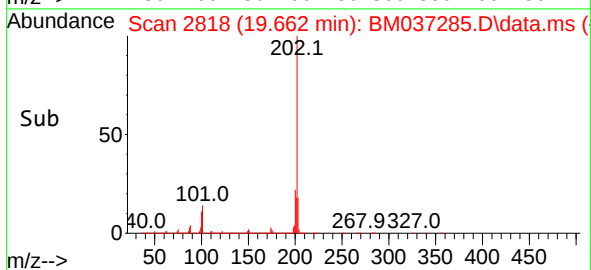
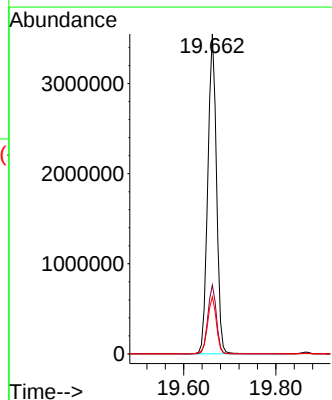
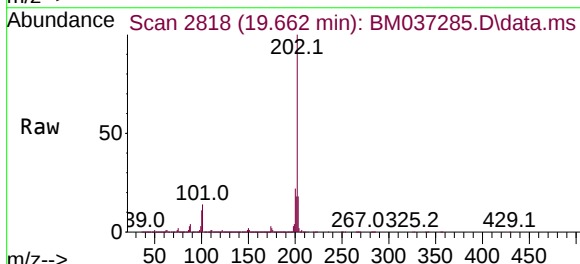
Instrument :
BNA_M
ClientSampleId :
PB148608BS

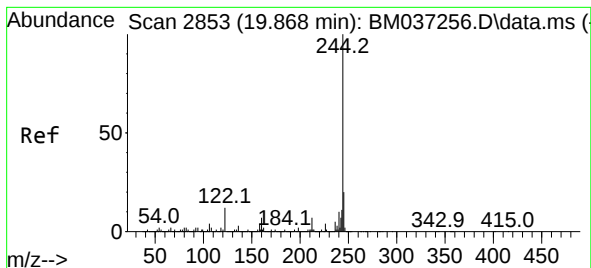
Tgt Ion:184 Resp: 1914558
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.7 9.0 13.4



#78
Pyrene
Concen: 42.755 ng
RT: 19.662 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:202 Resp: 4615907
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 92.983 ng

RT: 19.862 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Instrument :

BNA_M

ClientSampleId :

PB148608BS

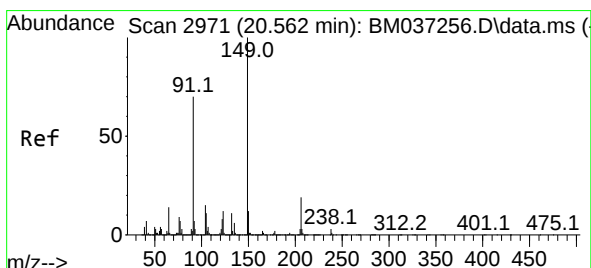
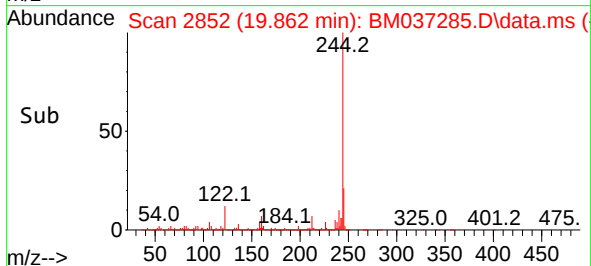
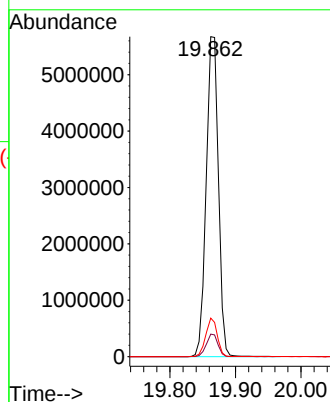
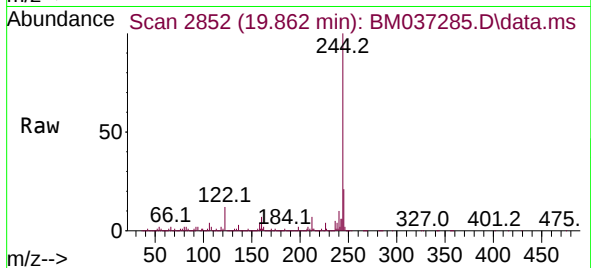
Tgt Ion:244 Resp: 7279781

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 12.0 9.4 14.2



#80

Butylbenzylphthalate

Concen: 44.099 ng

RT: 20.562 min Scan# 2971

Delta R.T. 0.000 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

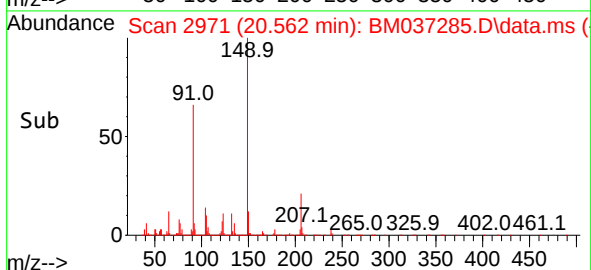
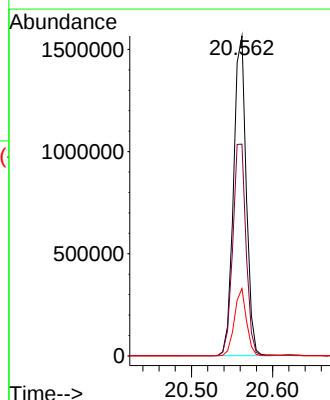
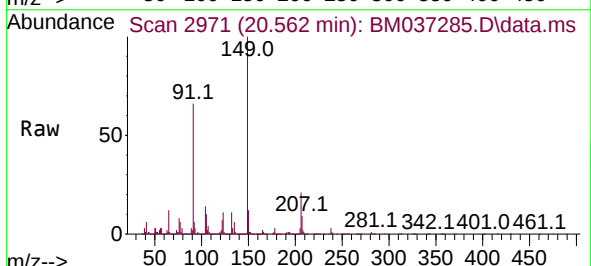
Tgt Ion:149 Resp: 1700254

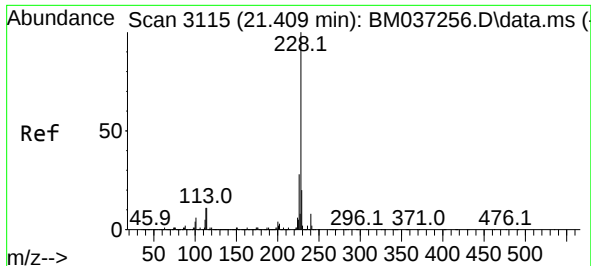
Ion Ratio Lower Upper

149 100

91 66.2 56.2 84.4

206 21.0 15.4 23.0

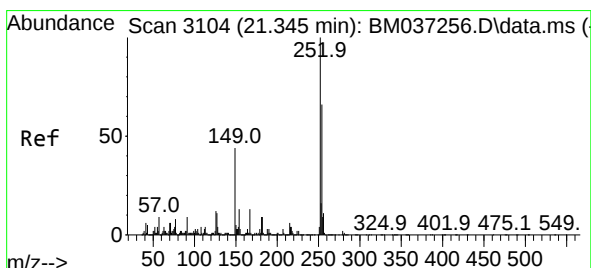
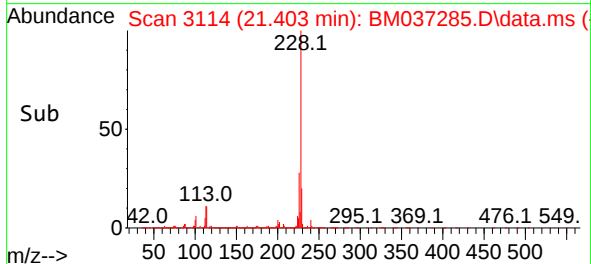
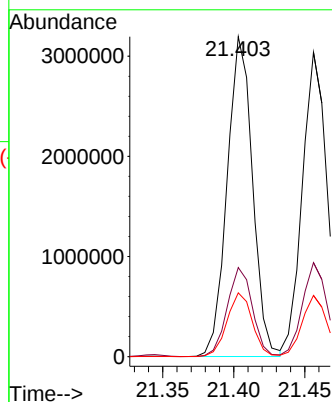
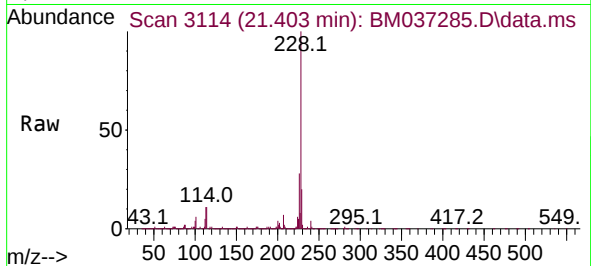




#81
Benzo(a)anthracene
Concen: 39.772 ng
RT: 21.403 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

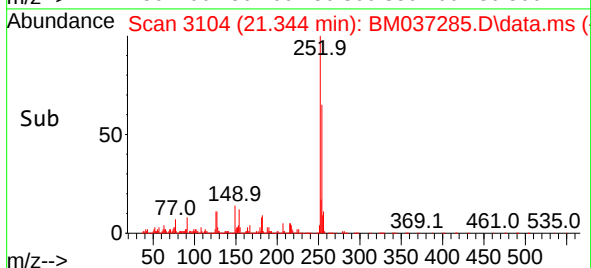
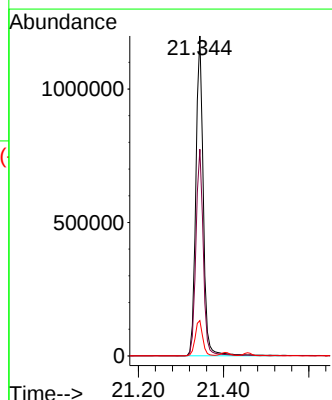
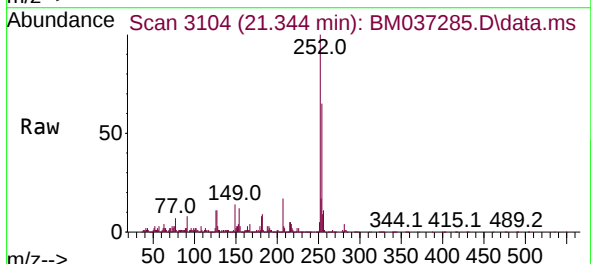
Instrument :
BNA_M
ClientSampleId :
PB148608BS

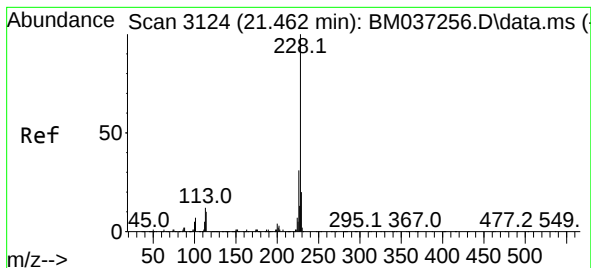
Tgt Ion:228 Resp: 3975383
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 19.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 49.180 ng
RT: 21.344 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:252 Resp: 1443770
Ion Ratio Lower Upper
252 100
254 64.6 52.7 79.1
126 11.0 9.8 14.6





#83

Chrysene

Concen: 38.567 ng

RT: 21.456 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Instrument :

BNA_M

ClientSampleId :

PB148608BS

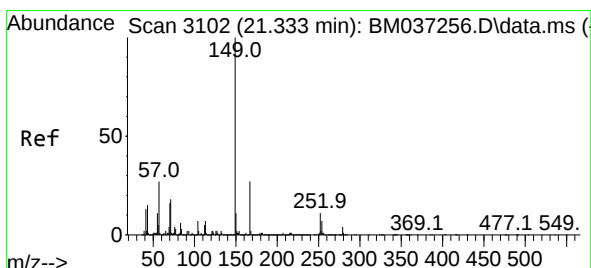
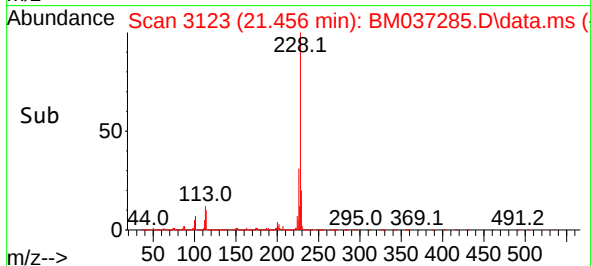
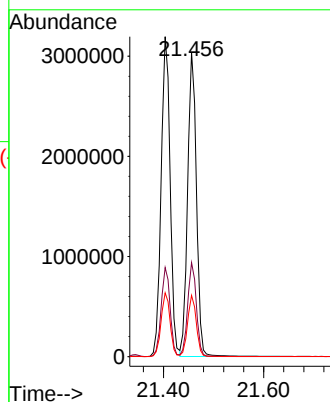
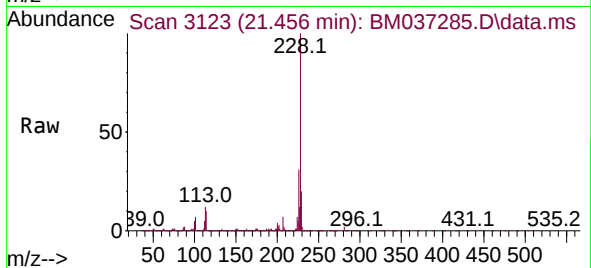
Tgt Ion:228 Resp: 3713947

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.817 ng

RT: 21.327 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

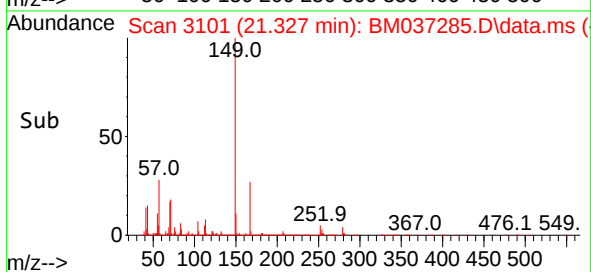
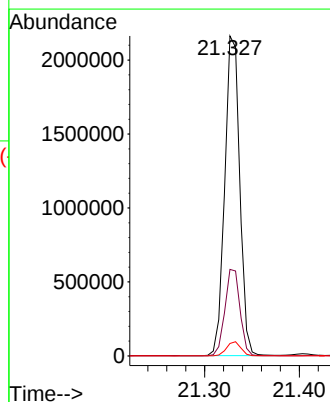
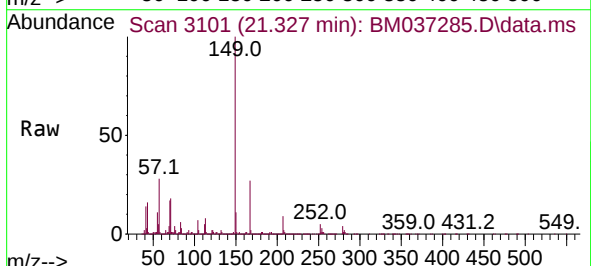
Tgt Ion:149 Resp: 2370896

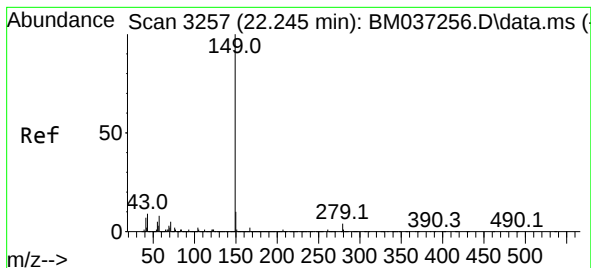
Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 43.941 ng

RT: 22.238 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Instrument :

BNA_M

ClientSampleId :

PB148608BS

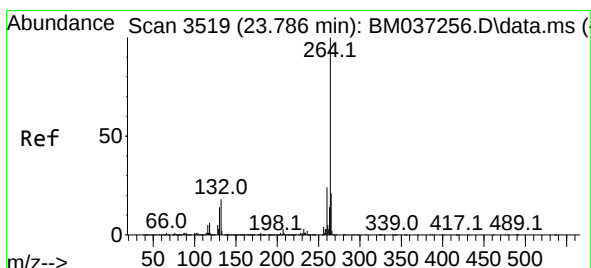
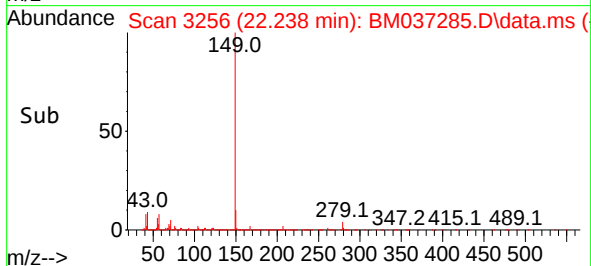
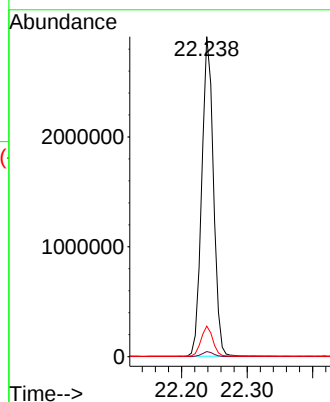
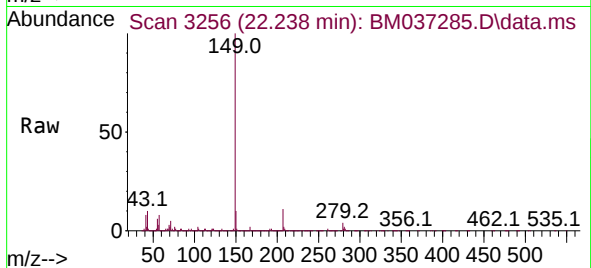
Tgt Ion:149 Resp: 3581097

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

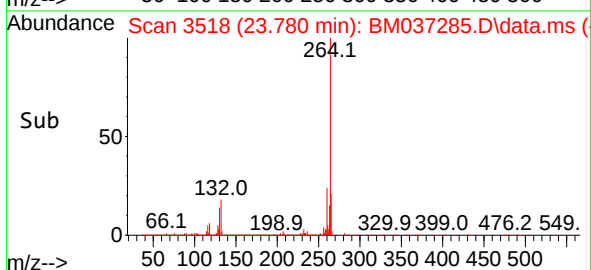
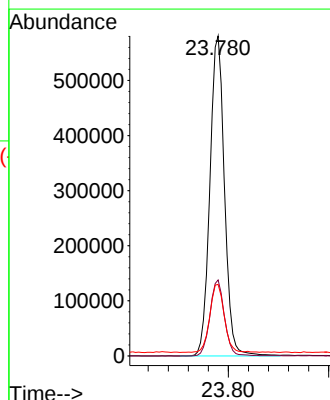
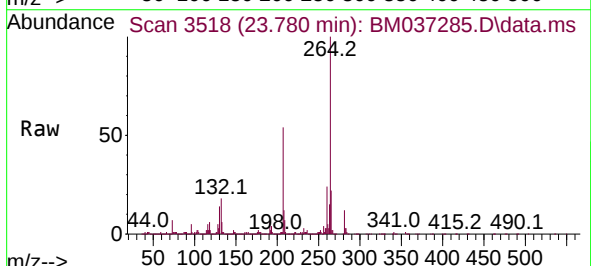
Tgt Ion:264 Resp: 1171246

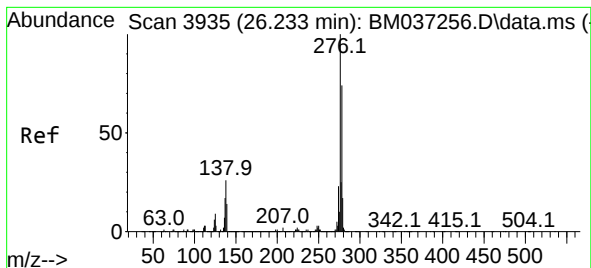
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.872 ng

RT: 26.221 min Scan# 3933

Delta R.T. -0.012 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Instrument :

BNA_M

ClientSampleId :

PB148608BS

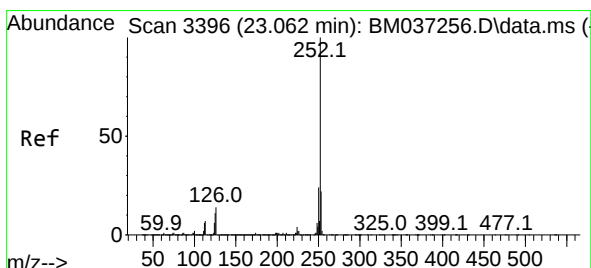
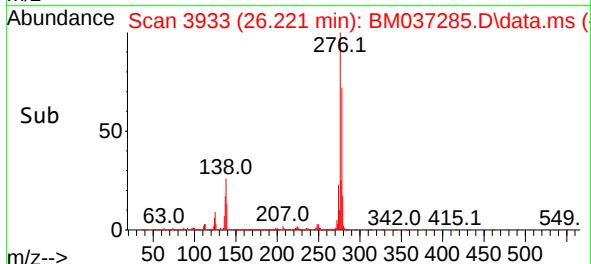
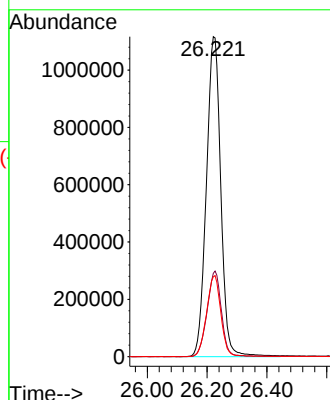
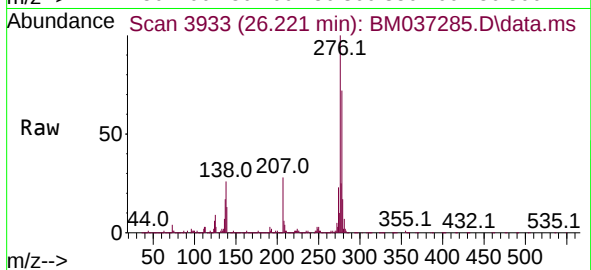
Tgt Ion:276 Resp: 3727785

Ion Ratio Lower Upper

276 100

138 26.4 21.5 32.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.672 ng

RT: 23.062 min Scan# 3396

Delta R.T. -0.000 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

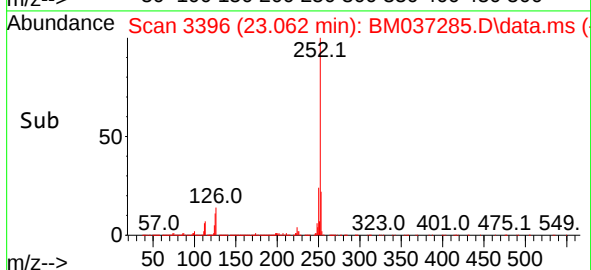
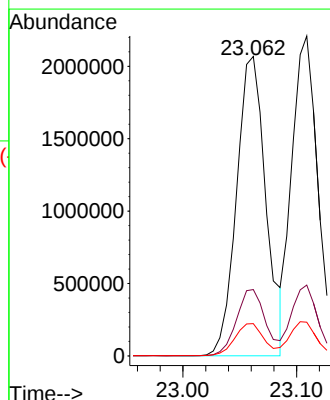
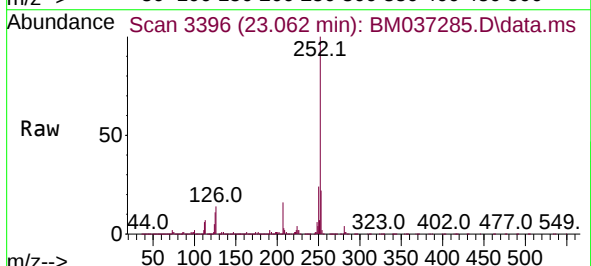
Tgt Ion:252 Resp: 3713814

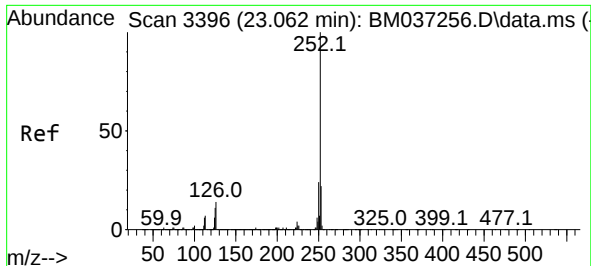
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.7 9.1 13.7

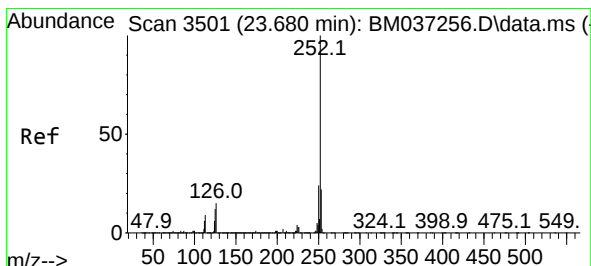
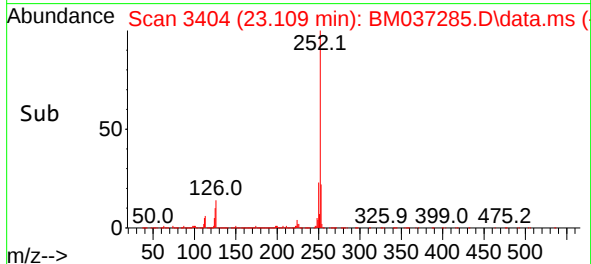
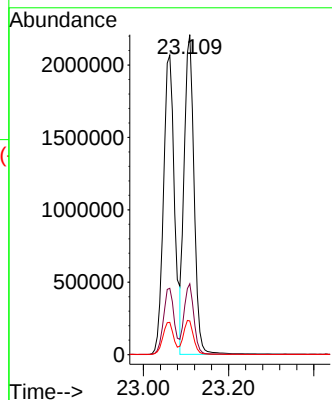
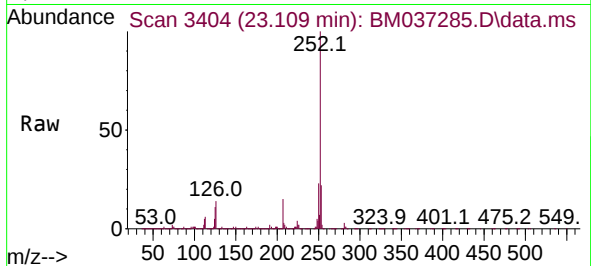




#89
Benzo(k)fluoranthene
Concen: 42.795 ng
RT: 23.109 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

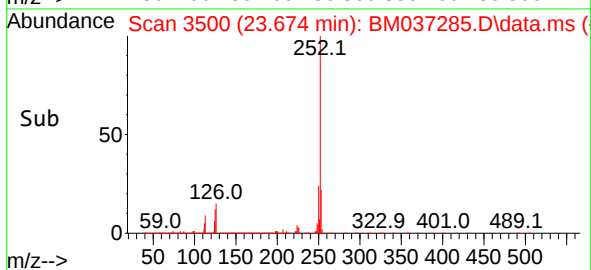
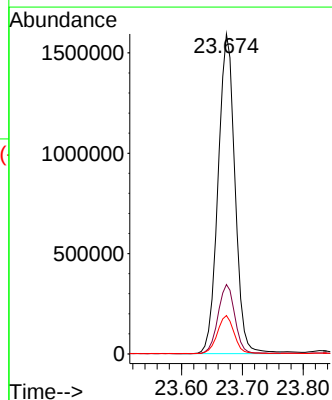
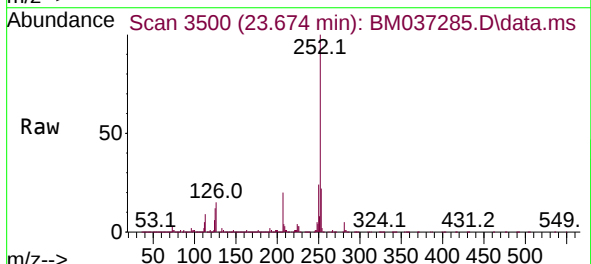
Instrument :
BNA_M
ClientSampleId :
PB148608BS

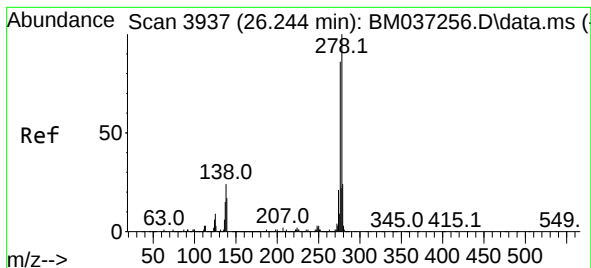
Tgt Ion:252 Resp: 3549539
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 46.316 ng
RT: 23.674 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM037285.D
Acq: 31 Oct 2022 11:39

Tgt Ion:252 Resp: 3068572
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 12.0 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 41.290 ng

RT: 26.238 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Instrument :

BNA_M

ClientSampleId :

PB148608BS

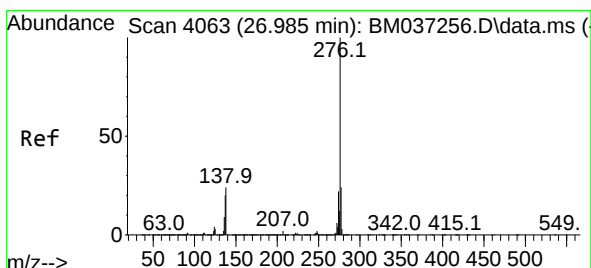
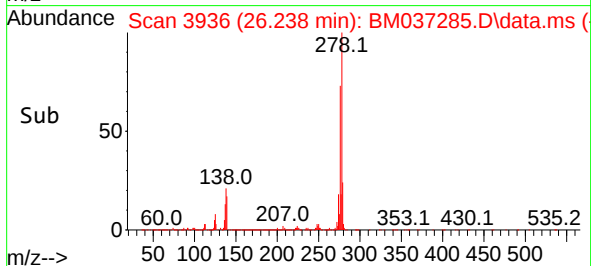
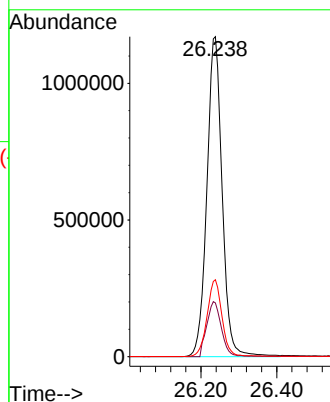
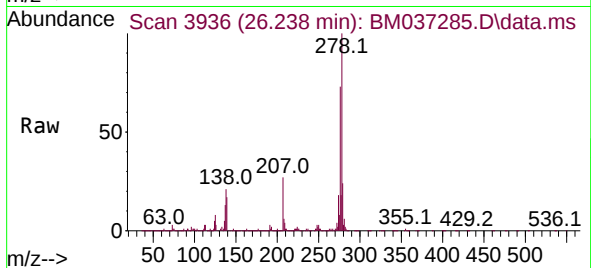
Tgt Ion:278 Resp: 3288266

Ion Ratio Lower Upper

278 100

139 16.8 13.8 20.8

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 40.441 ng

RT: 26.973 min Scan# 4061

Delta R.T. -0.012 min

Lab File: BM037285.D

Acq: 31 Oct 2022 11:39

Tgt Ion:276 Resp: 3134513

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.2

138 22.3 18.9 28.3

