

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042883.D
 Acq On : 18 Nov 2023 16:08
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 21:12:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	31908	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.622	136	134986	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.468	164	94224	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.227	188	217647	20.000	ng/u1	-0.01
79) Chrysene-d12	21.409	240	255743	20.000	ng/u1	-0.01
88) Perylene-d12	23.768	264	278637	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	7371	7.248	ng/uL	-0.01
4) Pyridine-d5	3.604	84	55099	21.783	ng/u1	-0.01
7) Phenol-d5	6.975	99	65275	21.020	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.157	67	50219	23.014	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.334	132	47777	19.939	ng/u1	-0.02
15) 4-Methylphenol-d8	8.534	113	49472	20.233	ng/u1	-0.02
21) Nitrobenzene-d5	9.016	128	22267	18.815	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.722	143	25245	18.234	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.245	165	49991	19.419	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.798	131	61063	18.682	ng/u1	-0.02
46) Dimethylphthalate-d6	13.892	166	169762	19.037	ng/u1	-0.01
49) Acenaphthylene-d8	14.168	160	183598	19.242	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.721	143	16028	15.908	ng/u1	-0.02
60) Fluorene-d10	15.462	176	142098	19.243	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.615	200	26974	16.362	ng/u1	-0.01
73) Anthracene-d10	17.327	188	232474	19.059	ng/u1	-0.01
81) Pyrene-d10	19.621	212	306443	18.298	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.615	264	325449	19.527	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	9487	8.761	ng/uL	91
5) Pyridine	3.622	79	59747	21.722	ng/u1	99
6) Benzaldehyde	6.981	77	45754	25.680	ng/u1	97
8) Phenol	7.004	94	65682	21.263	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.257	93	54714	21.443	ng/u1	93
12) 2-Chlorophenol	7.363	128	48410	20.300	ng/u1#	86
13) 2-Methylphenol	8.263	108	46183	20.049	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	65469	14.095	ng/u1	98
16) Acetophenone	8.663	105	81955	19.933	ng/u1	89
17) N-Nitroso-di-n-propyla...	8.628	70	53918	21.543	ng/u1	90
18) 4-Methylphenol	8.598	108	51082	20.397	ng/u1	94
19) Hexachloroethane	8.863	117	28035	21.093	ng/u1	87
22) Nitrobenzene	9.057	77	80835	22.599	ng/u1	93
23) Isophorone	9.563	82	143031	20.077	ng/u1	97
25) 2-Nitrophenol	9.757	139	26272	18.677	ng/u1	89
26) 2,4-Dimethylphenol	9.798	107	60008	19.939	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.051	93	73114	20.309	ng/u1	97
29) 2,4-Dichlorophenol	10.275	162	48880	20.055	ng/u1	95
30) Naphthalene	10.675	128	163159	19.293	ng/u1	99
32) 4-Chloroaniline	10.827	127	56869	18.136	ng/u1	95
33) Hexachlorobutadiene	10.892	225	41529	19.289	ng/u1	97
34) Caprolactam	11.645	113	6536	9.044	ng/u1	86
35) 4-Chloro-3-methylphenol	11.933	107	50097	19.182	ng/u1	99
36) 2-Methylnaphthalene	12.286	142	109363	19.295	ng/u1	97

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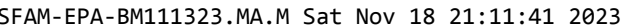
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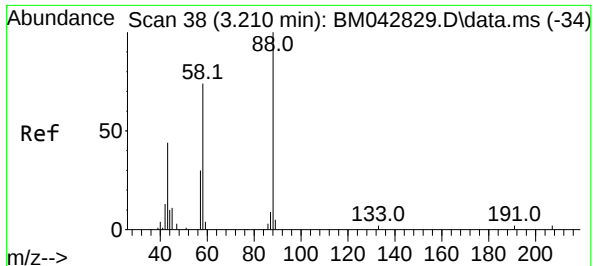
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	116100	19.483	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.639	216	73078	19.776	ng/ul	98
40) Hexachlorocyclopentadiene	12.580	237	33954	19.408	ng/ul	97
41) 2,4,6-Trichlorophenol	12.904	196	42109	18.656	ng/ul	97
42) 2,4,5-Trichlorophenol	12.980	196	41666	19.117	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	151682	19.303	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	122363	19.357	ng/ul	96
45) 2-Nitroaniline	13.604	65	45247	21.947	ng/ul	86
47) Dimethylphthalate	13.939	163	165612	19.067	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	29830	18.280	ng/ul	88
50) Acenaphthylene	14.198	152	204212	19.101	ng/ul	99
51) 3-Nitroaniline	14.439	138	23077	17.295	ng/ul#	95
52) Acenaphthene	14.533	153	139997	19.362	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	16318	20.112	ng/ul	91
55) 4-Nitrophenol	14.739	109	29580	18.657	ng/ul	96
56) Dibenzofuran	14.874	168	195147	19.445	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	47025	19.629	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	42791	18.914	ng/ul#	97
59) Diethylphthalate	15.292	149	173332	19.031	ng/ul	99
61) Fluorene	15.521	166	167310	19.636	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.515	204	92161	20.070	ng/ul	97
63) 4-Nitroaniline	15.610	138	25565	21.015	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.627	198	27643	16.470	ng/ul#	82
67) N-Nitrosodiphenylamine	15.739	169	130731	19.151	ng/ul	100
68) 4-Bromophenyl-phenylether	16.409	248	55134	19.031	ng/ul	90
69) Hexachlorobenzene	16.492	284	65265	18.428	ng/ul	97
70) Atrazine	16.692	200	48707	18.524	ng/ul	100
71) Pentachlorophenol	16.862	266	33852	16.599	ng/ul	97
72) Phenanthrene	17.268	178	261685	19.246	ng/ul	99
74) Anthracene	17.362	178	265815	19.436	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	73973	19.221	ng/ul	99
76) Pentachlorobenzene	14.762	250	77026	19.075	ng/ul	96
77) Carbazole	17.656	167	212040	18.776	ng/ul	100
78) Di-n-butylphthalate	18.168	149	303671	18.389	ng/ul	98
80) Fluoranthene	19.286	202	338639	17.734	ng/ul	97
82) Pyrene	19.650	202	363551	17.956	ng/ul	99
83) Butylbenzylphthalate	20.539	149	152927	17.684	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.344	252	106056	16.203	ng/ul	98
85) Benzo(a)anthracene	21.397	228	387435	19.299	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	214649	16.360	ng/ul	97
87) Chrysene	21.450	228	362504	18.619	ng/ul	100
89) Di-n-octyl phthalate	22.191	149	375364	16.677	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	386027	20.301	ng/ul	99
91) Benzo(k)fluoranthene	23.091	252	390445	19.289	ng/ul	98
93) Benzo(a)pyrene	23.662	252	360066	19.432	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.226	276	455094	19.763	ng/ul	99
95) Dibenzo(a,h)anthracene	26.238	278	371289	19.448	ng/ul	97
96) Benzo(g,h,i)perylene	26.991	276	369530	20.208	ng/ul	99

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

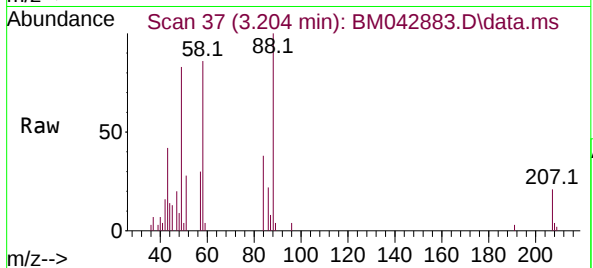
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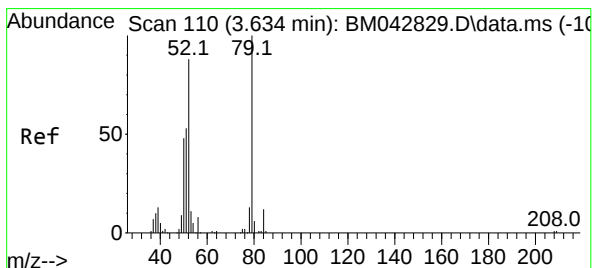
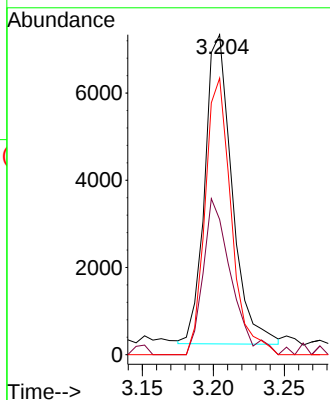
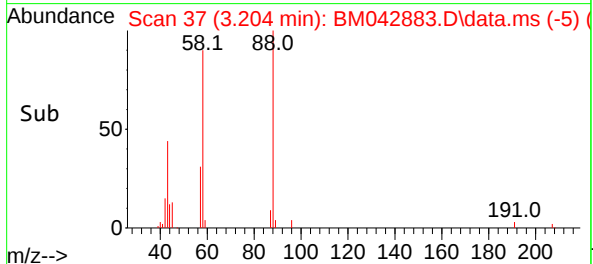


#2
1,4-Dioxane
Concen: 8.761 ng/uL
RT: 3.204 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Instrument :
BNA_M
ClientSampleId :

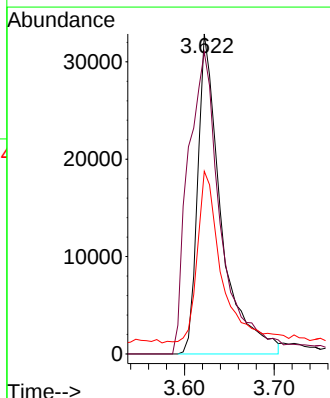
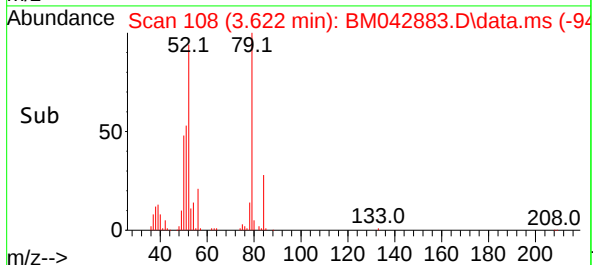
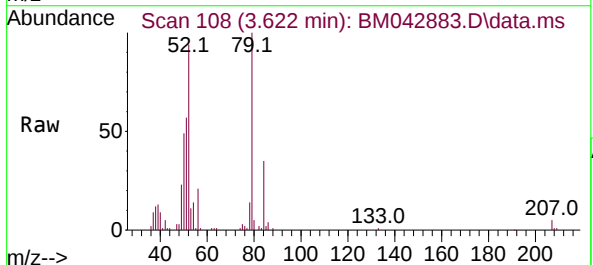


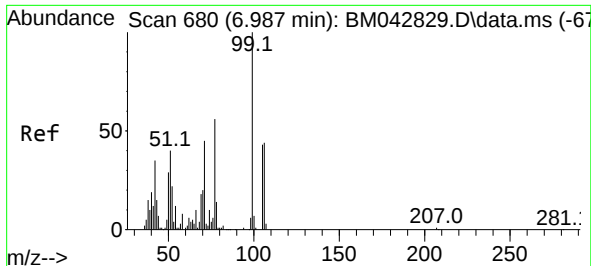
Tgt Ion: 88 Resp: 9487
Ion Ratio Lower Upper
88 100
43 42.3 34.3 51.5
58 86.4 59.4 89.0



#5
Pyridine
Concen: 21.722 ng/uL
RT: 3.622 min Scan# 108
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion: 79 Resp: 59747
Ion Ratio Lower Upper
79 100
52 94.3 74.6 111.8
51 57.1 44.6 67.0

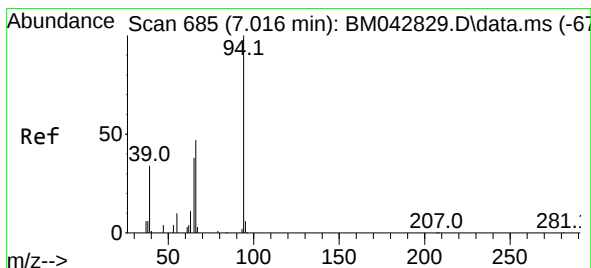
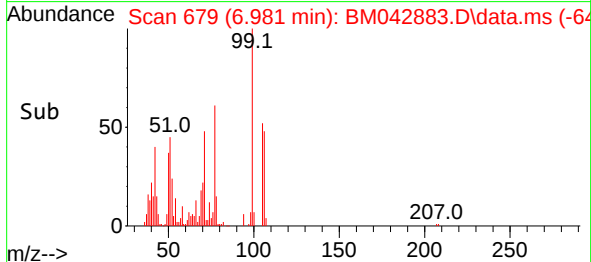
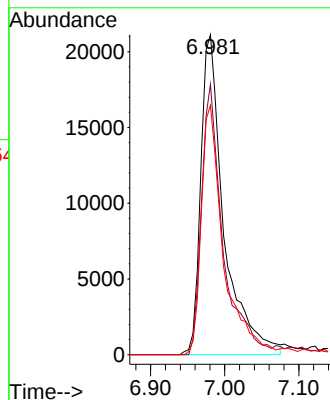
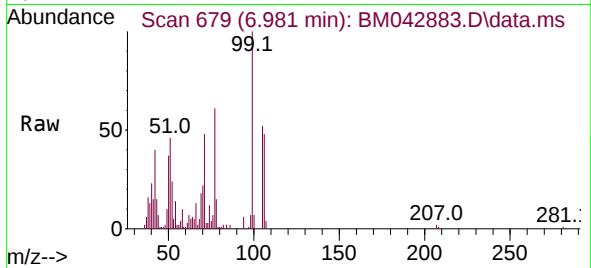




#6
Benzaldehyde
Concen: 25.680 ng/ul
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

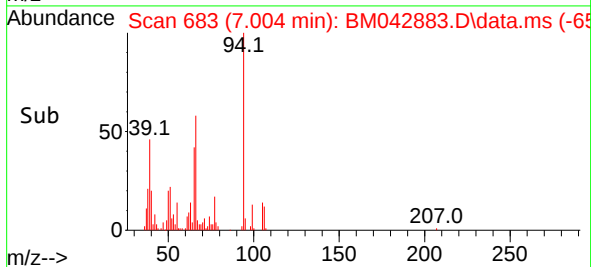
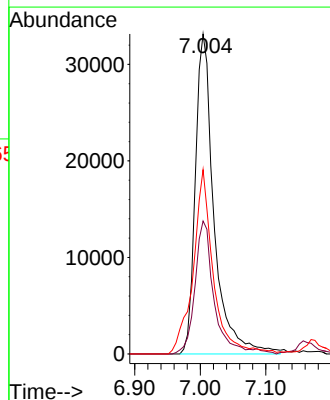
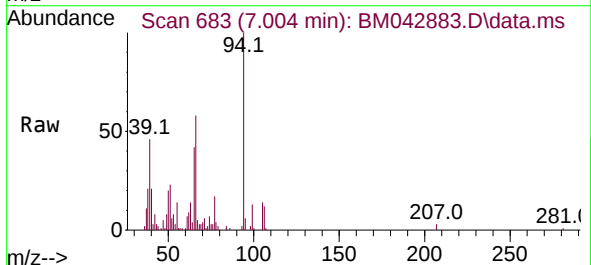
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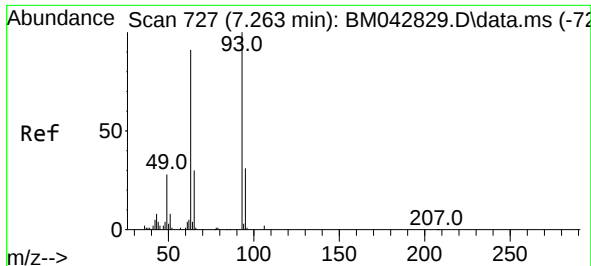
Tgt Ion: 77 Resp: 45754
Ion Ratio Lower Upper
77 100
105 84.5 69.6 104.4
106 78.0 64.2 96.2



#8
Phenol
Concen: 21.263 ng/ul
RT: 7.004 min Scan# 683
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion: 94 Resp: 65682
Ion Ratio Lower Upper
94 100
65 41.6 30.3 45.5
66 57.6 39.9 59.9





#10

Bis(2-Chloroethyl)ether

Concen: 21.443 ng/ul

RT: 7.257 min Scan# 71

Delta R.T. -0.012 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Instrument :

BNA_M

ClientSampleId :

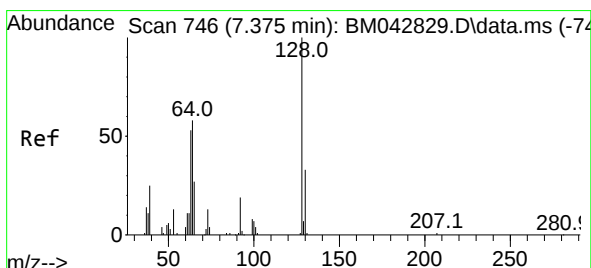
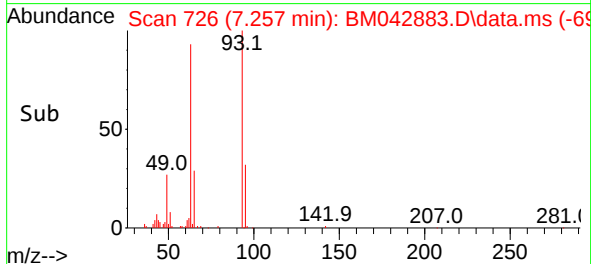
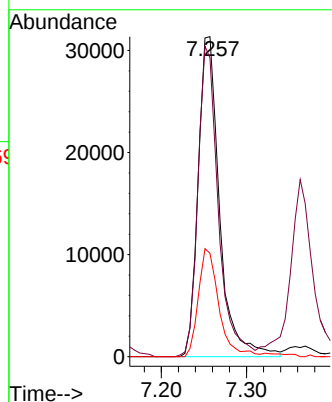
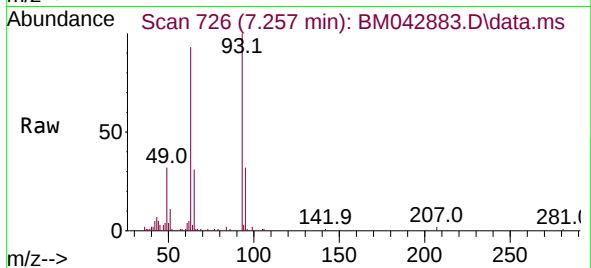
Tgt Ion: 93 Resp: 54714

Ion Ratio Lower Upper

93 100

63 93.4 68.6 102.8

95 32.3 24.8 37.2



#12

2-Chlorophenol

Concen: 20.300 ng/ul

RT: 7.363 min Scan# 744

Delta R.T. -0.018 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

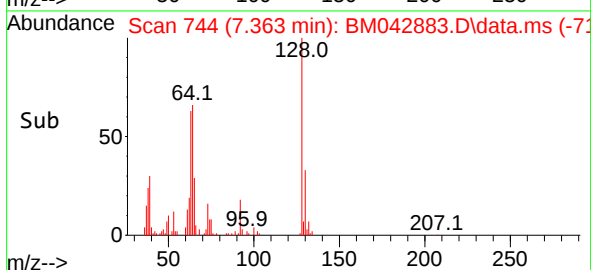
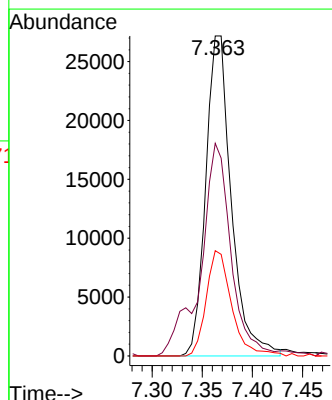
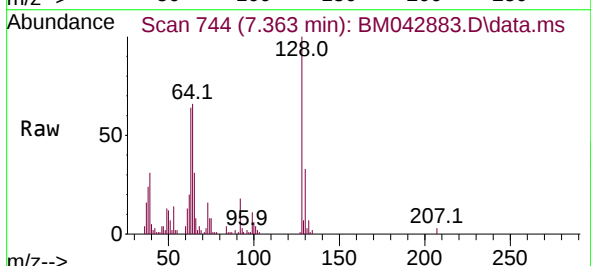
Tgt Ion:128 Resp: 48410

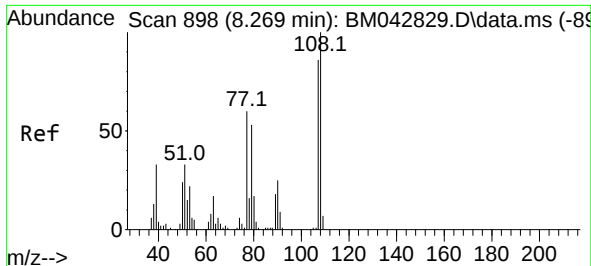
Ion Ratio Lower Upper

128 100

64 66.5 42.9 64.3#

130 32.9 23.9 35.9

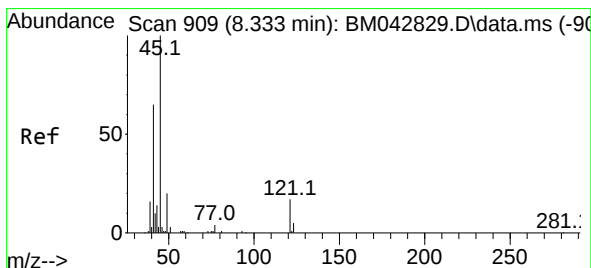
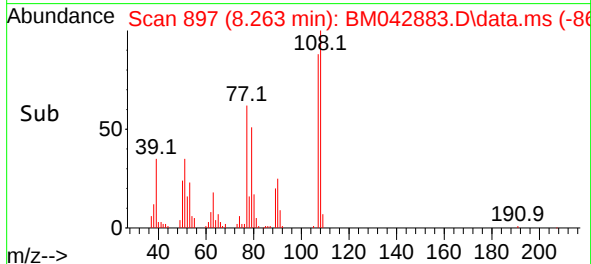
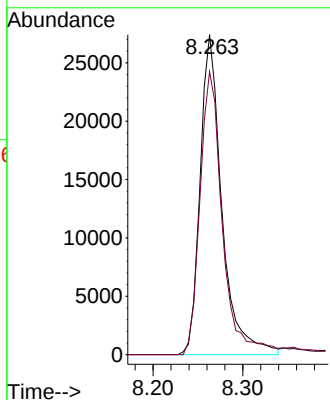
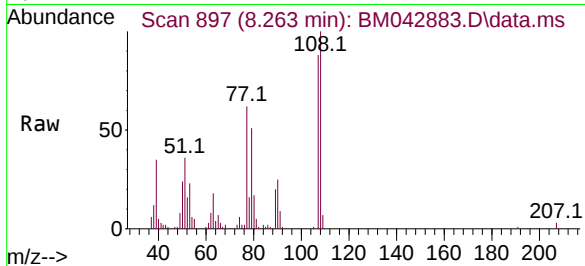




#13
2-Methylphenol
Concen: 20.049 ng/ul
RT: 8.263 min Scan# 898
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

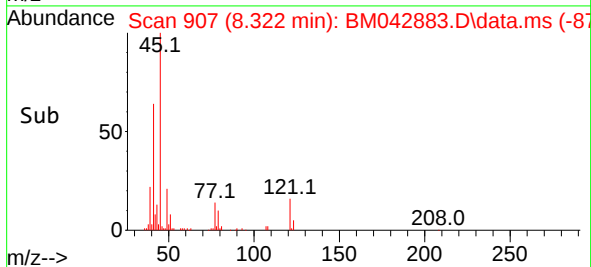
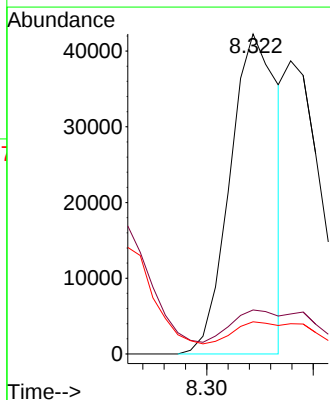
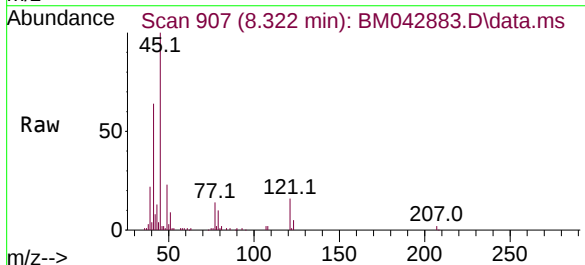
Instrument :
BNA_M
ClientSampleId :

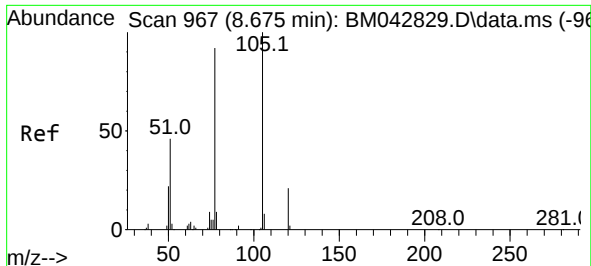
Tgt Ion:108 Resp: 46183
Ion Ratio Lower Upper
108 100
107 88.5 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 14.095 ng/ul
RT: 8.322 min Scan# 907
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion: 45 Resp: 65469
Ion Ratio Lower Upper
45 100
77 13.8 12.2 18.2
79 10.1 8.2 12.2

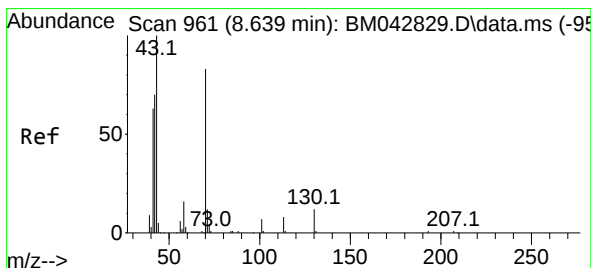
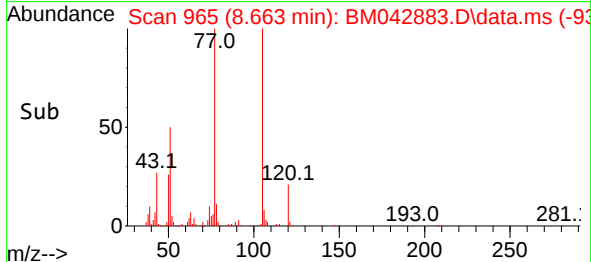
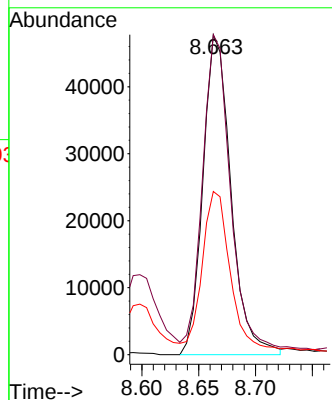
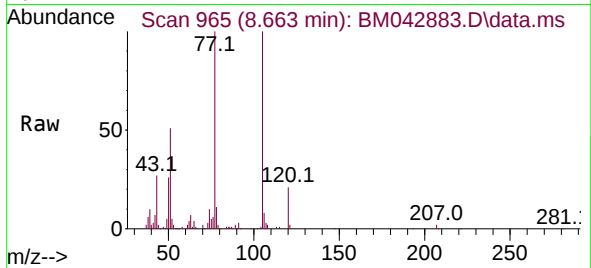




#16
Acetophenone
Concen: 19.933 ng/ul
RT: 8.663 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

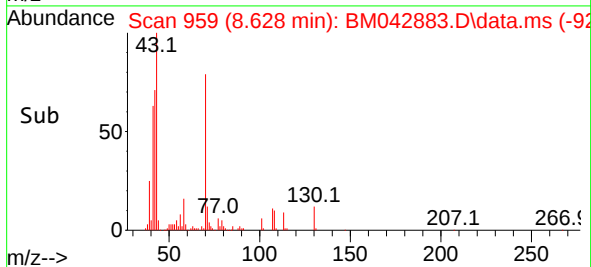
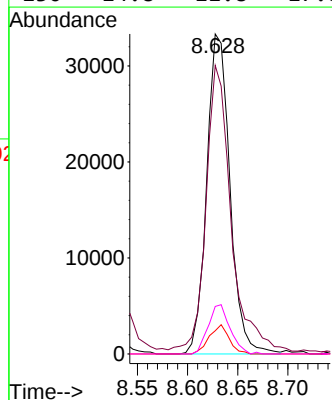
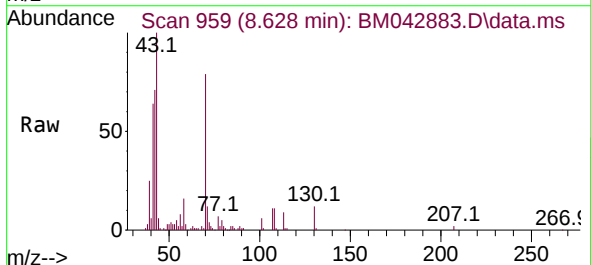
Instrument :
BNA_M
ClientSampleId :

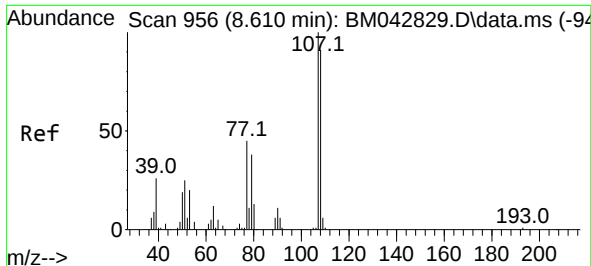
Tgt Ion:105 Resp: 81955
Ion Ratio Lower Upper
105 100
77 100.1 71.6 107.4
51 51.0 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 21.543 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion: 70 Resp: 53918
Ion Ratio Lower Upper
70 100
42 90.1 63.0 94.6
101 7.3 7.0 10.4
130 14.8 11.8 17.8

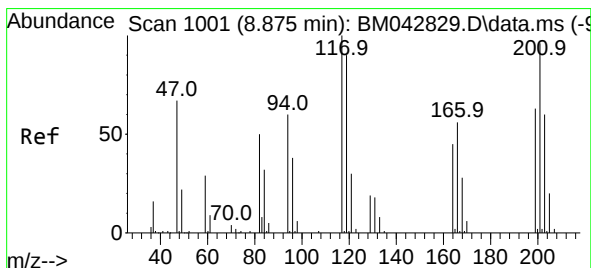
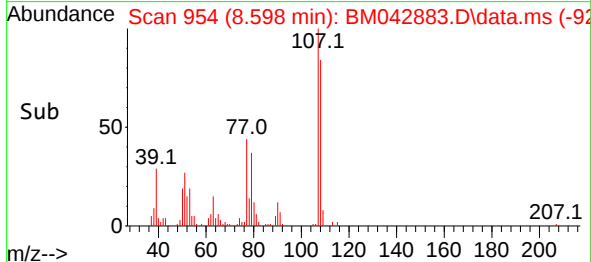
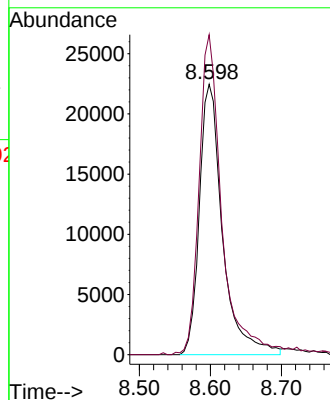
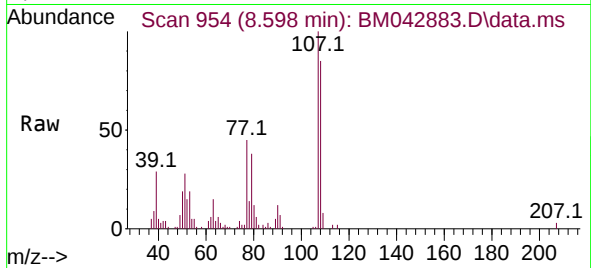




#18
4-Methylphenol
Concen: 20.397 ng/ul
RT: 8.598 min Scan# 911
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

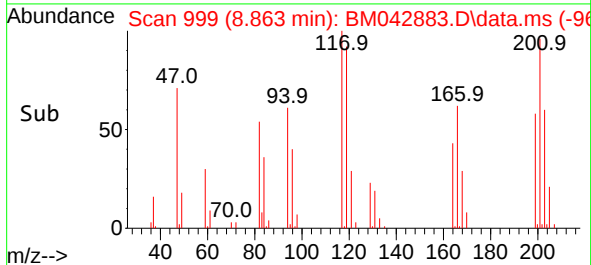
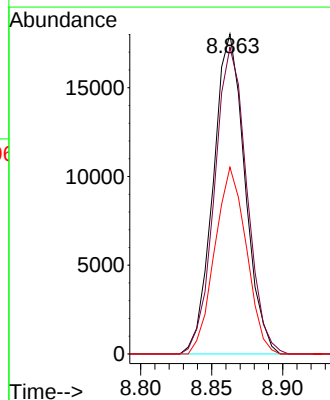
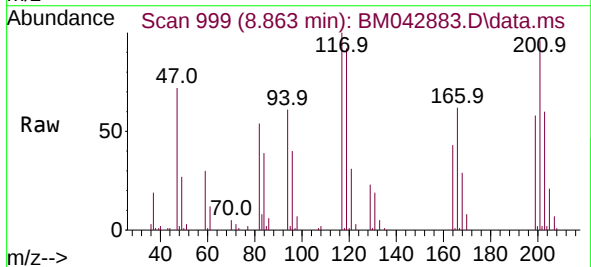
Instrument :
BNA_M
ClientSampleId :

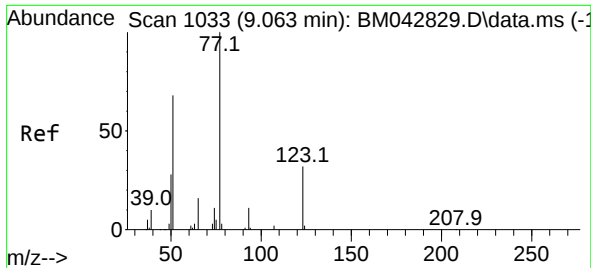
Tgt Ion:108 Resp: 51082
Ion Ratio Lower Upper
108 100
107 118.3 89.4 134.0



#19
Hexachloroethane
Concen: 21.093 ng/ul
RT: 8.863 min Scan# 999
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:117 Resp: 28035
Ion Ratio Lower Upper
117 100
201 95.8 90.0 135.0
199 58.4 52.2 78.4

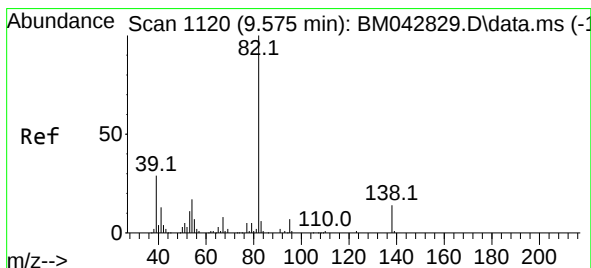
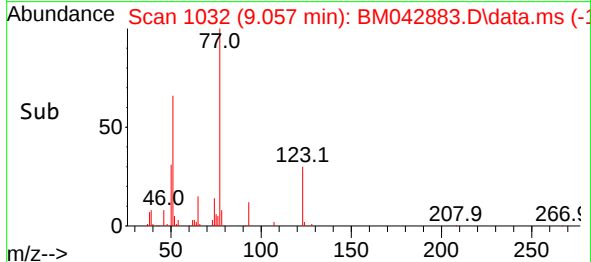
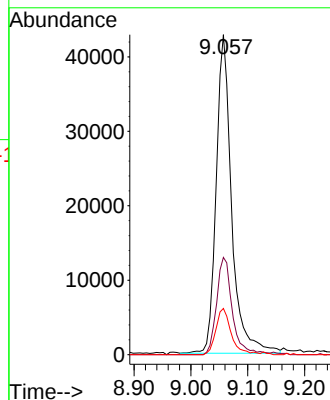
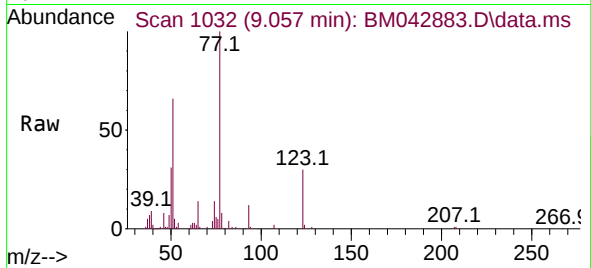




#22
Nitrobenzene
Concen: 22.599 ng/ul
RT: 9.057 min Scan# 1118
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

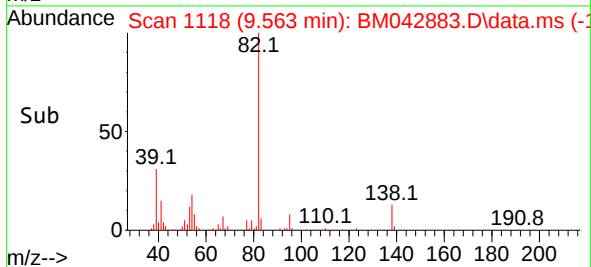
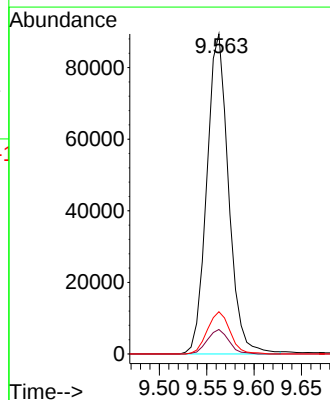
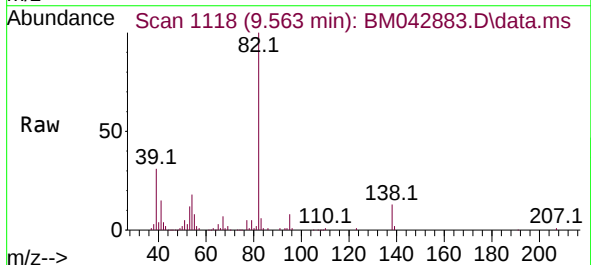
Instrument :
BNA_M
ClientSampleId :

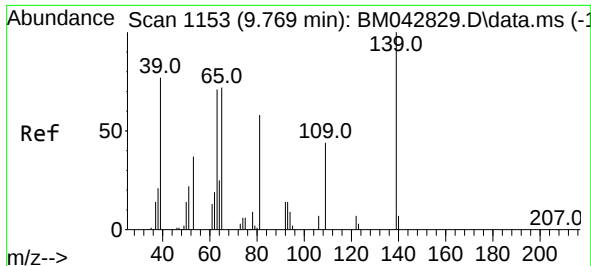
Tgt Ion	Ratio	Lower	Upper
77	100		
123	30.4	28.4	42.6
65	14.5	12.4	18.6



#23
Isophorone
Concen: 20.077 ng/ul
RT: 9.563 min Scan# 1118
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	13.2	12.1	18.1

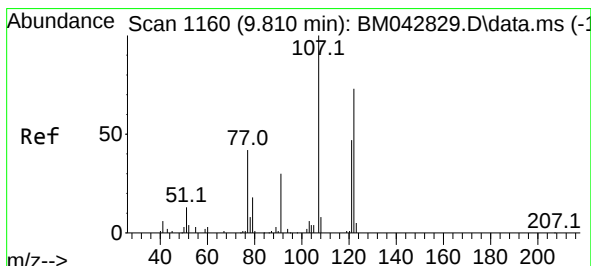
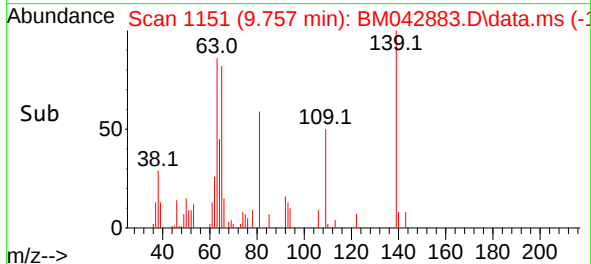
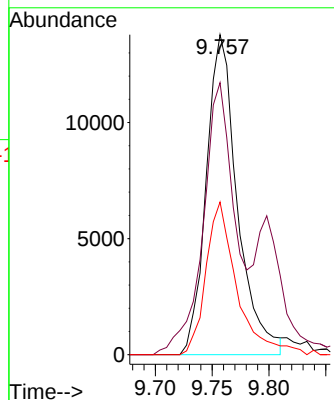
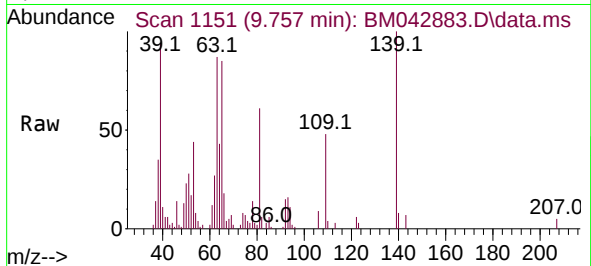




#25
2-Nitrophenol
Concen: 18.677 ng/ul
RT: 9.757 min Scan# 1153
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

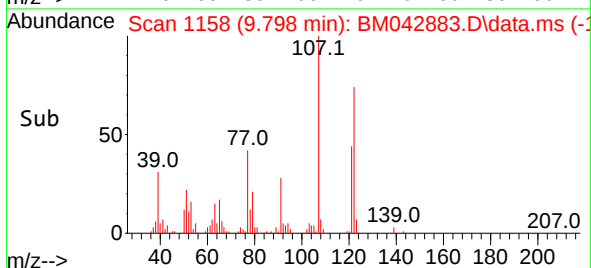
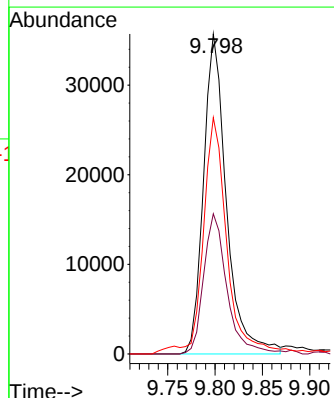
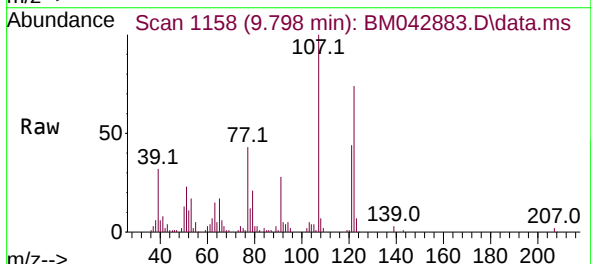
Instrument :
BNA_M
ClientSampleId :

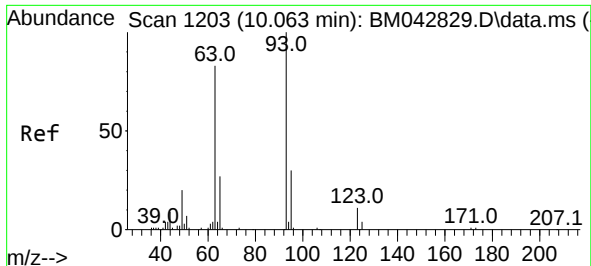
Tgt Ion:139 Resp: 26272
Ion Ratio Lower Upper
139 100
65 85.0 59.1 88.7
109 47.7 33.9 50.9



#26
2,4-Dimethylphenol
Concen: 19.939 ng/ul
RT: 9.798 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:107 Resp: 60008
Ion Ratio Lower Upper
107 100
121 43.8 38.0 57.0
122 73.8 60.5 90.7

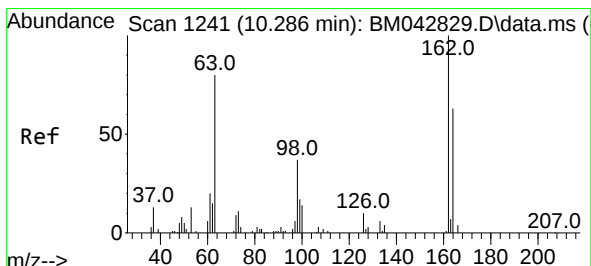
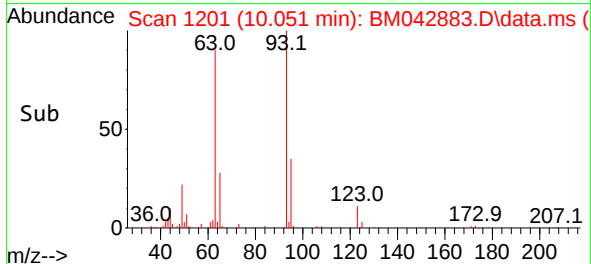
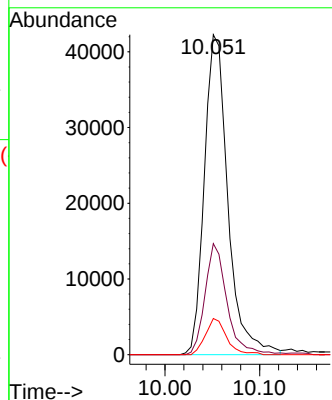
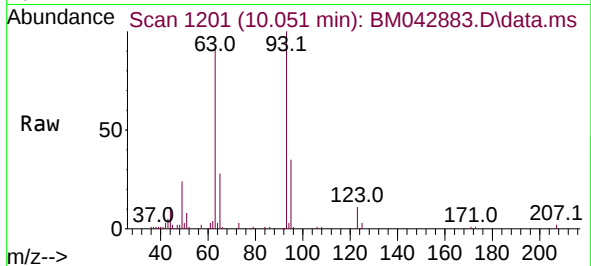




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.309 ng/ul
 RT: 10.051 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BM042883.D
 Acq: 18 Nov 2023 16:08

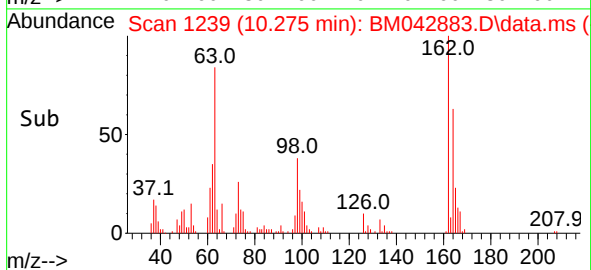
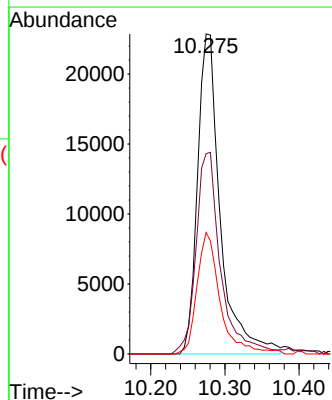
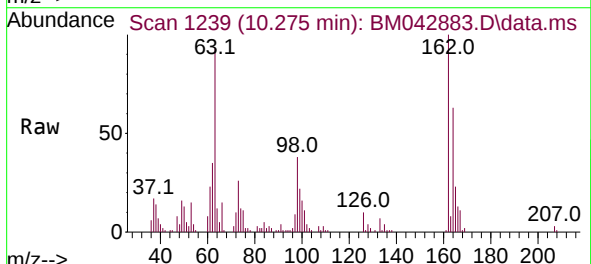
Instrument :
 BNA_M
 ClientSampleId :

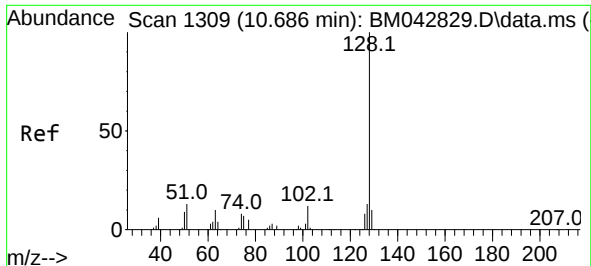
Tgt Ion: 93 Resp: 73114
 Ion Ratio Lower Upper
 93 100
 95 34.7 26.5 39.7
 123 11.3 8.2 12.2



#29
 2,4-Dichlorophenol
 Concen: 20.055 ng/ul
 RT: 10.275 min Scan# 1239
 Delta R.T. -0.018 min
 Lab File: BM042883.D
 Acq: 18 Nov 2023 16:08

Tgt Ion:162 Resp: 48880
 Ion Ratio Lower Upper
 162 100
 164 62.6 53.4 80.2
 98 37.9 28.4 42.6

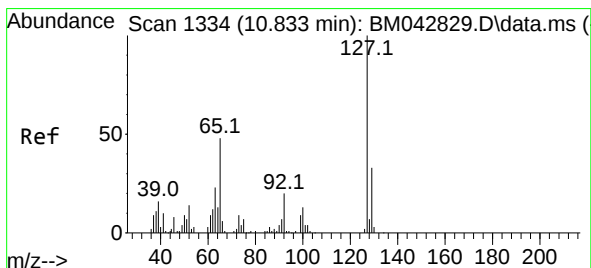
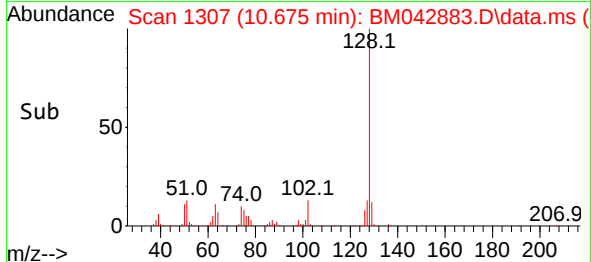
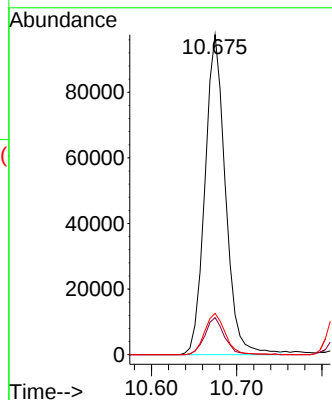
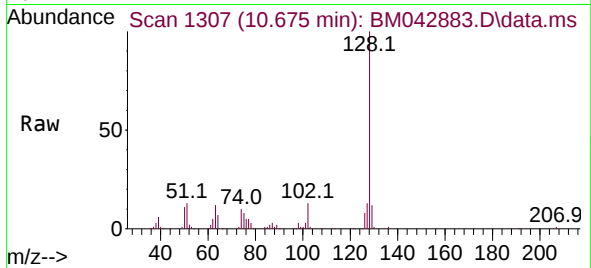




#30
Naphthalene
Concen: 19.293 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

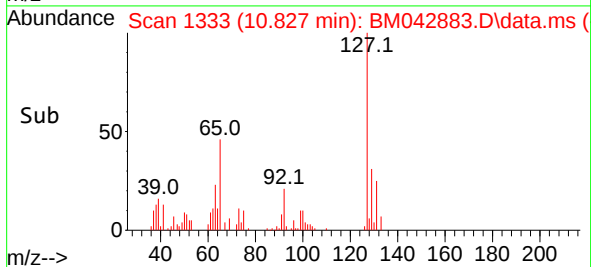
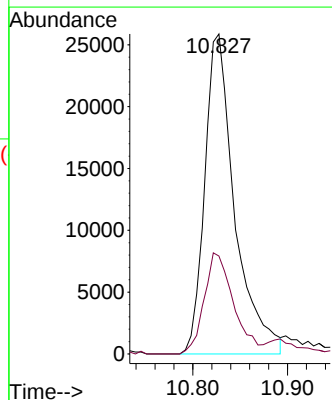
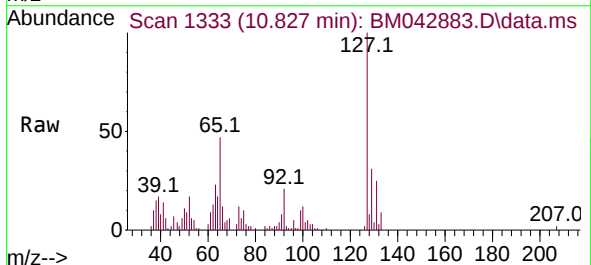
Instrument :
BNA_M
ClientSampleId :

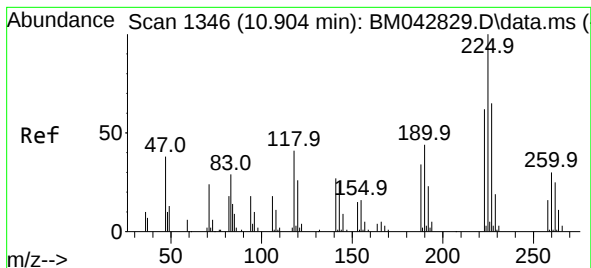
Tgt Ion:128 Resp: 163159
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 12.9 10.5 15.7



#32
4-Chloroaniline
Concen: 18.136 ng/ul
RT: 10.827 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:127 Resp: 56869
Ion Ratio Lower Upper
127 100
129 30.6 26.7 40.1





#33

Hexachlorobutadiene

Concen: 19.289 ng/ul

RT: 10.892 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Instrument :

BNA_M

ClientSampleId :

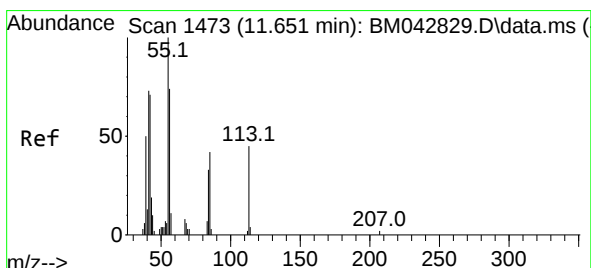
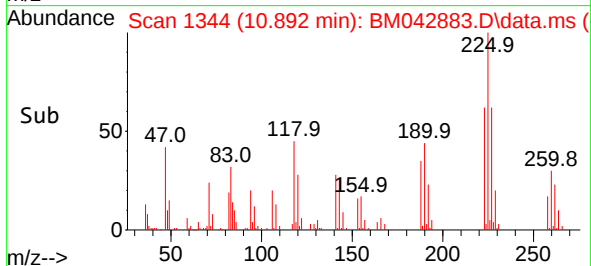
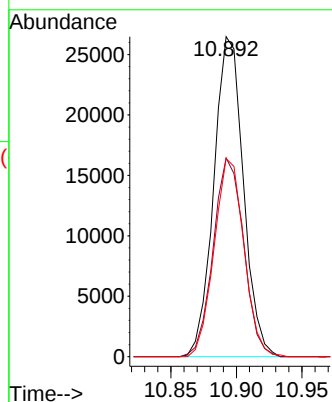
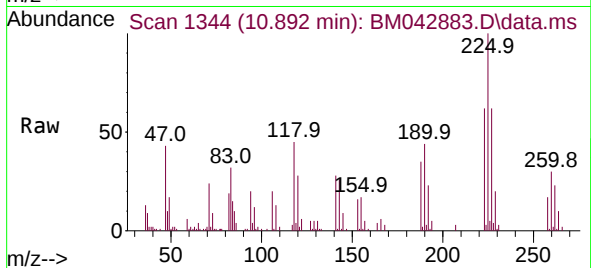
Tgt Ion:225 Resp: 41529

Ion Ratio Lower Upper

225 100

223 62.1 53.0 79.4

227 61.9 50.5 75.7



#34

Caprolactam

Concen: 9.044 ng/ul

RT: 11.645 min Scan# 1472

Delta R.T. -0.018 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

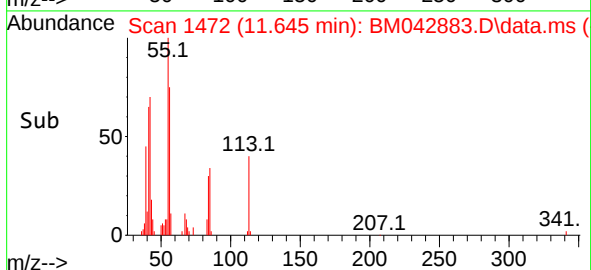
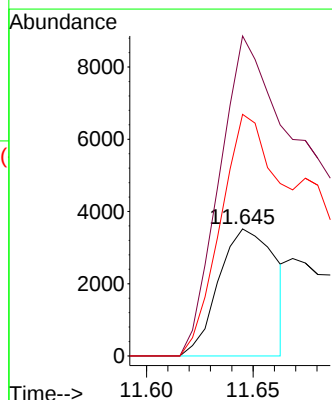
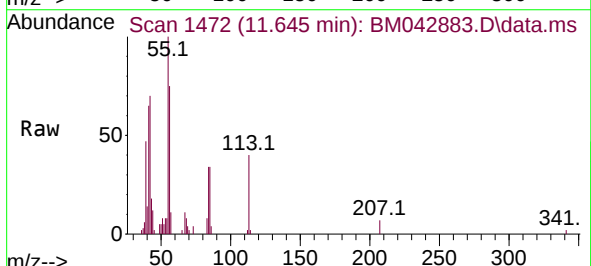
Tgt Ion:113 Resp: 6536

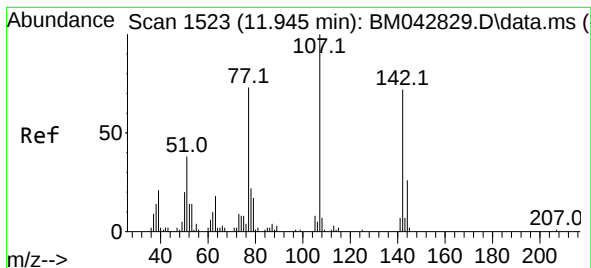
Ion Ratio Lower Upper

113 100

55 251.8 184.2 276.2

56 190.1 134.3 201.5

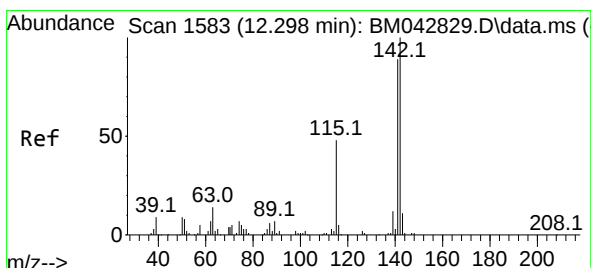
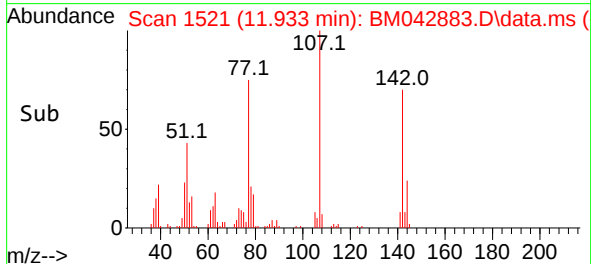
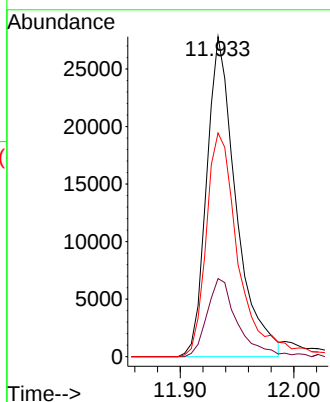
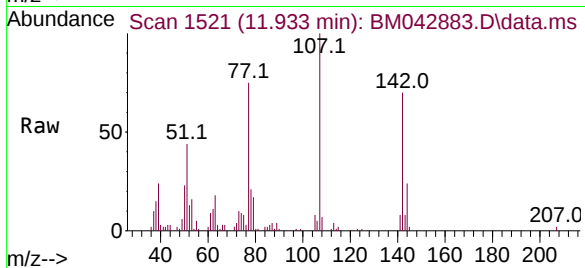




#35
 4-Chloro-3-methylphenol
 Concen: 19.182 ng/ul
 RT: 11.933 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BM042883.D
 Acq: 18 Nov 2023 16:08

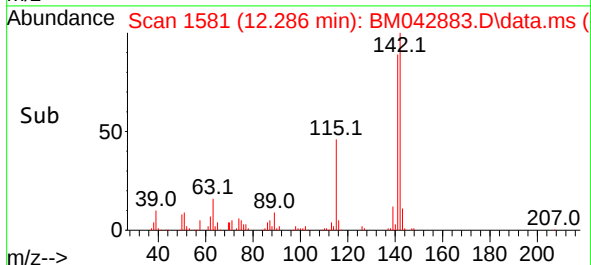
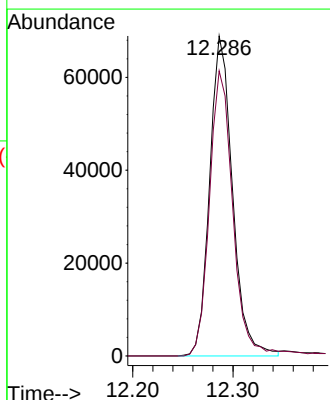
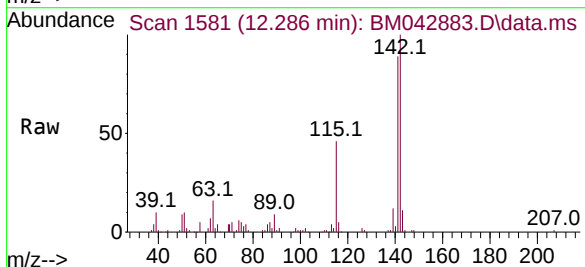
Instrument :
 BNA_M
 ClientSampleId :

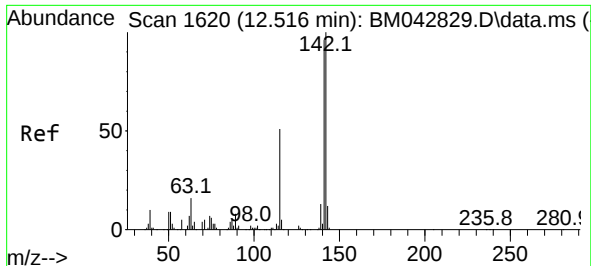
Tgt Ion:107	Resp:	50097
Ion Ratio	Lower	Upper
107	100	
144	24.4	18.3 27.5
142	69.9	56.3 84.5



#36
 2-Methylnaphthalene
 Concen: 19.295 ng/ul
 RT: 12.286 min Scan# 1581
 Delta R.T. -0.018 min
 Lab File: BM042883.D
 Acq: 18 Nov 2023 16:08

Tgt Ion:142	Resp:	109363
Ion Ratio	Lower	Upper
142	100	
141	89.1	73.6 110.4





#37

1-Methylnaphthalene

Concen: 19.483 ng/ul

RT: 12.510 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Instrument :

BNA_M

ClientSampleId :

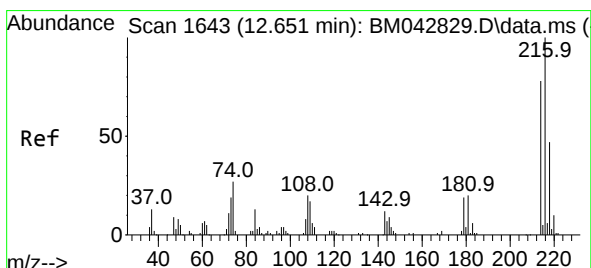
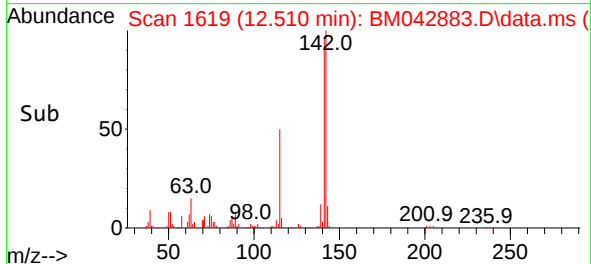
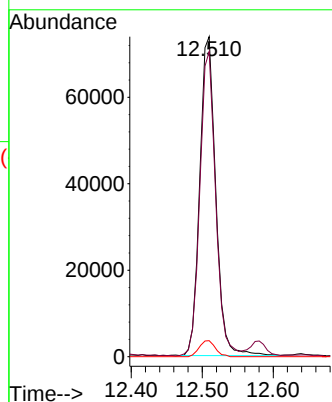
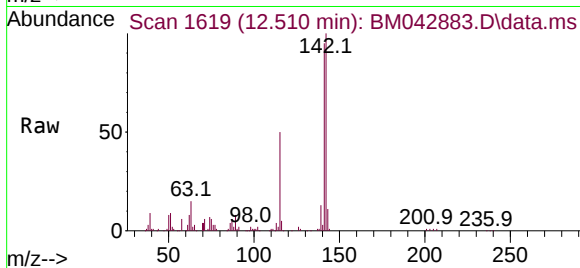
Tgt Ion:142 Resp: 116100

Ion Ratio Lower Upper

142 100

141 95.4 73.3 109.9

116 5.0 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.776 ng/ul

RT: 12.639 min Scan# 1641

Delta R.T. -0.018 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Tgt Ion:216 Resp: 73078

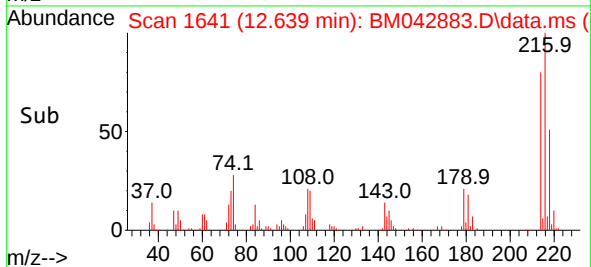
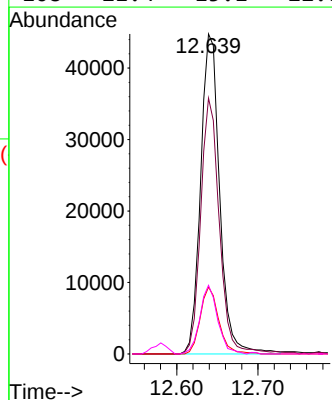
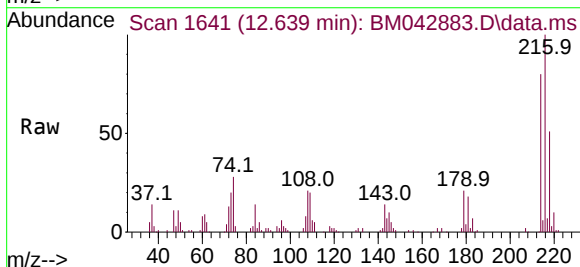
Ion Ratio Lower Upper

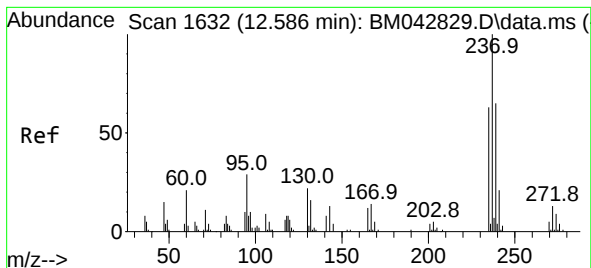
216 100

214 80.0 64.1 96.1

179 20.9 15.5 23.3

108 21.4 15.1 22.7





#40

Hexachlorocyclopentadiene

Concen: 19.408 ng/ul

RT: 12.580 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Instrument :

BNA_M

ClientSampleId :

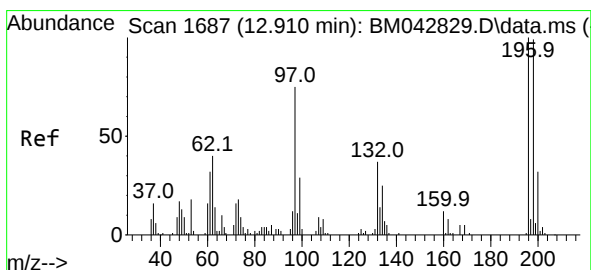
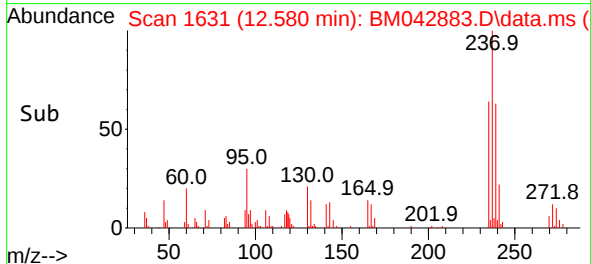
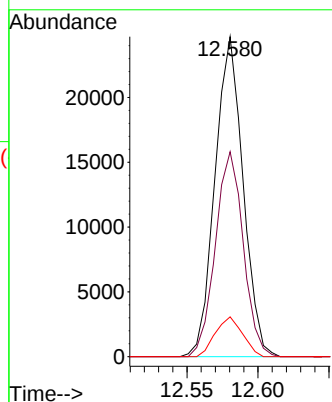
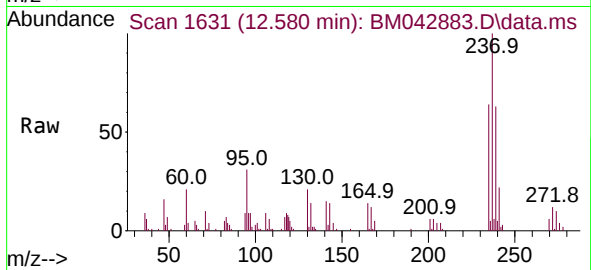
Tgt Ion:237 Resp: 33954

Ion Ratio Lower Upper

237 100

235 64.1 53.3 79.9

272 12.4 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 18.656 ng/ul

RT: 12.904 min Scan# 1686

Delta R.T. -0.018 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

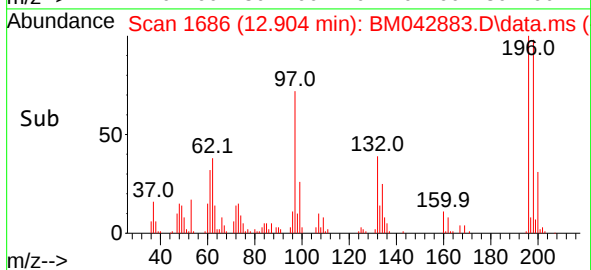
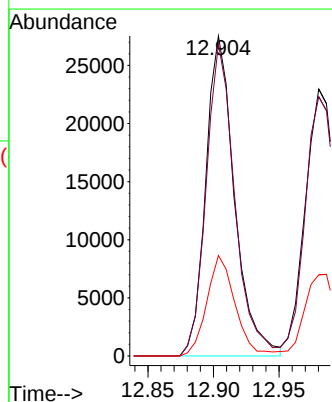
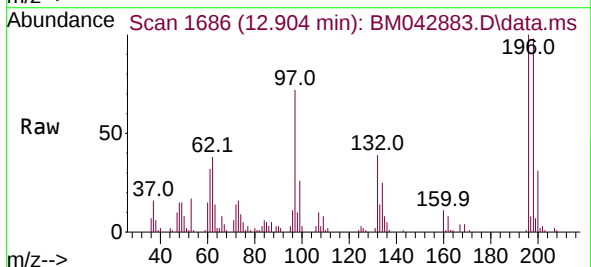
Tgt Ion:196 Resp: 42109

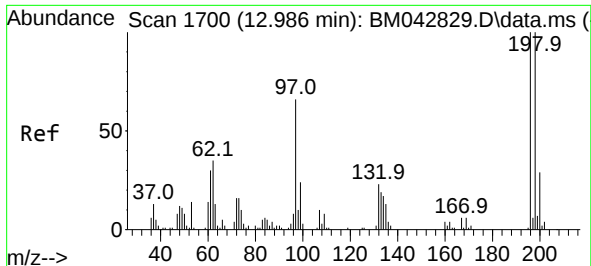
Ion Ratio Lower Upper

196 100

198 97.6 81.0 121.4

200 31.4 24.1 36.1





#42

2,4,5-Trichlorophenol

Concen: 19.117 ng/ul

RT: 12.980 min Scan# 1

Delta R.T. -0.018 min

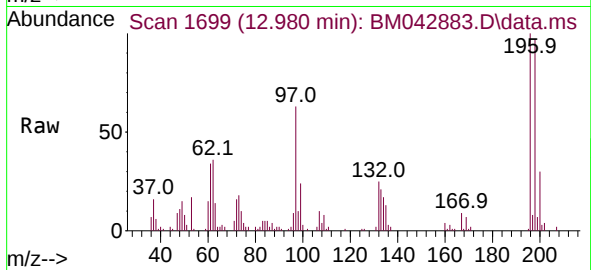
Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Instrument :

BNA_M

ClientSampleId :



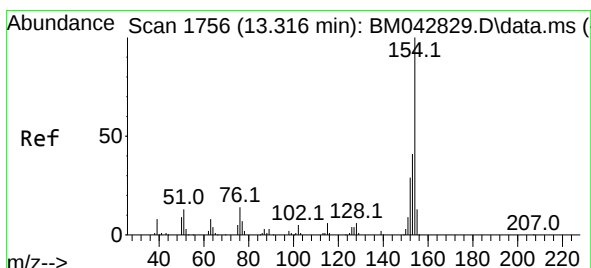
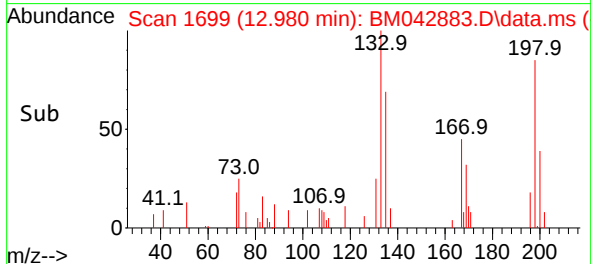
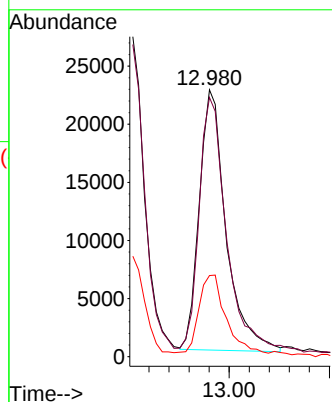
Tgt Ion:196 Resp: 41666

Ion Ratio Lower Upper

196 100

198 97.1 77.4 116.0

200 30.4 26.2 39.4



#43

1,1'-Biphenyl

Concen: 19.303 ng/ul

RT: 13.304 min Scan# 1754

Delta R.T. -0.018 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

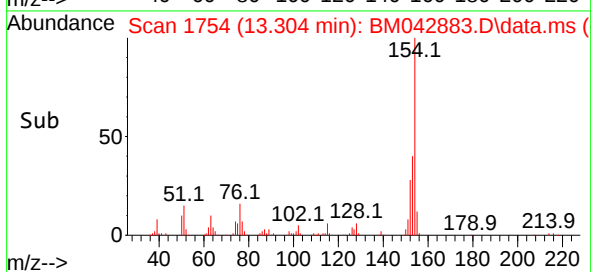
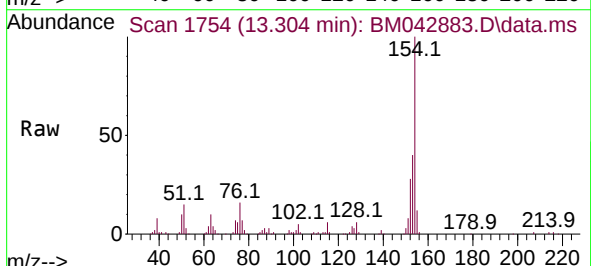
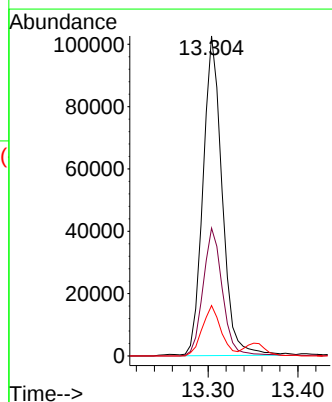
Tgt Ion:154 Resp: 151682

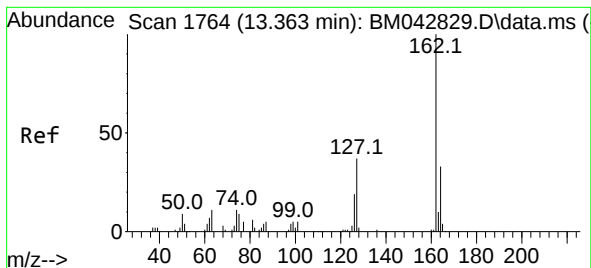
Ion Ratio Lower Upper

154 100

153 40.0 32.4 48.6

76 15.7 10.7 16.1





#44

2-Chloronaphthalene

Concen: 19.357 ng/ul

RT: 13.351 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Instrument :

BNA_M

ClientSampleId :

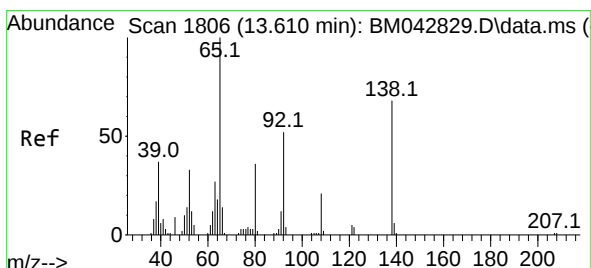
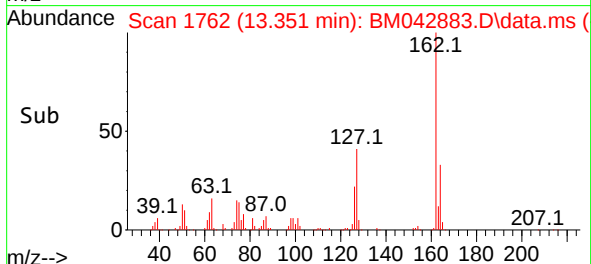
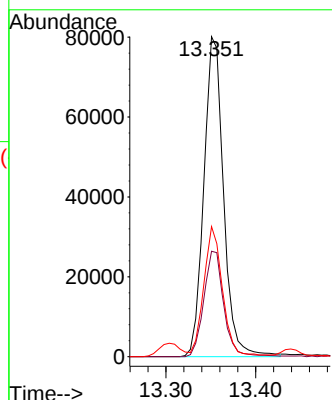
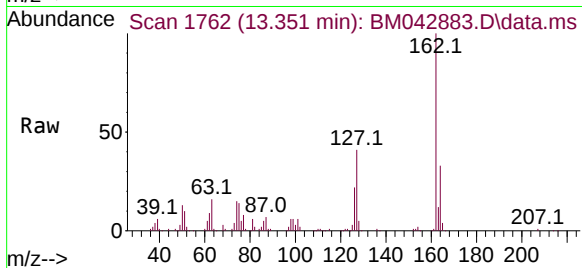
Tgt Ion:162 Resp: 122363

Ion Ratio Lower Upper

162 100

164 32.9 24.2 36.2

127 40.7 30.8 46.2



#45

2-Nitroaniline

Concen: 21.947 ng/ul

RT: 13.604 min Scan# 1805

Delta R.T. -0.012 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

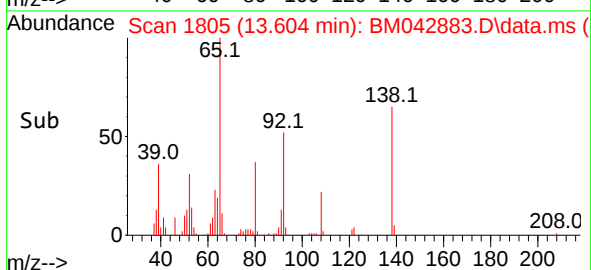
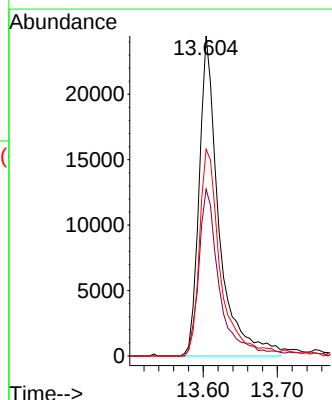
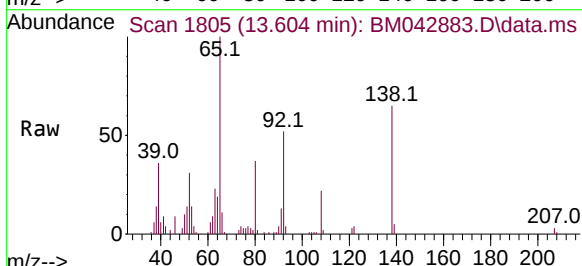
Tgt Ion: 65 Resp: 45247

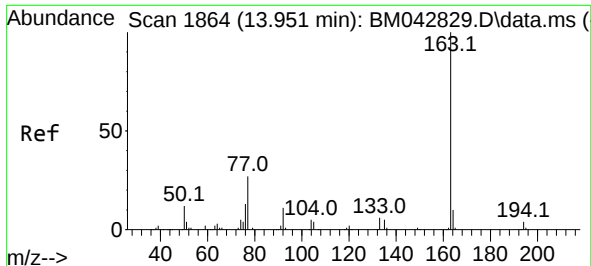
Ion Ratio Lower Upper

65 100

92 52.1 49.1 73.7

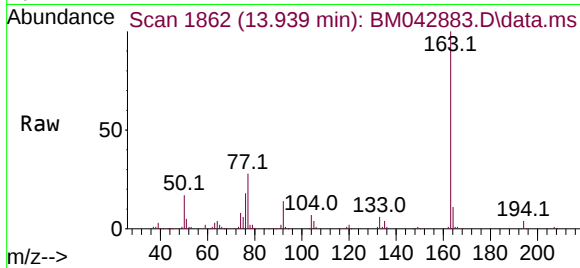
138 64.7 61.8 92.8



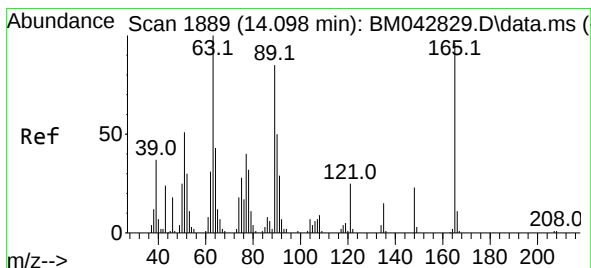
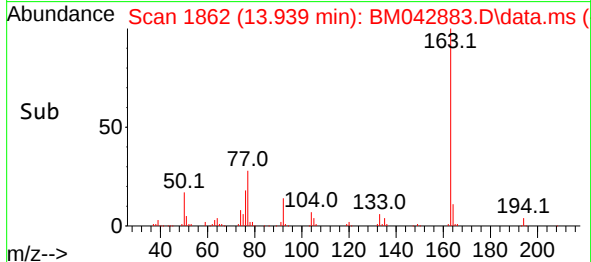
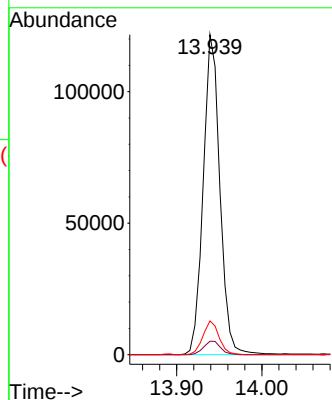


#47
Dimethylphthalate
Concen: 19.067 ng/ul
RT: 13.939 min Scan# 1862
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Instrument :
BNA_M
ClientSampleId :

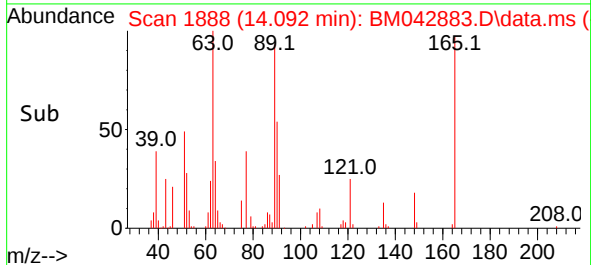
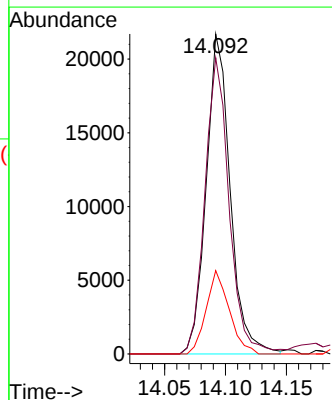
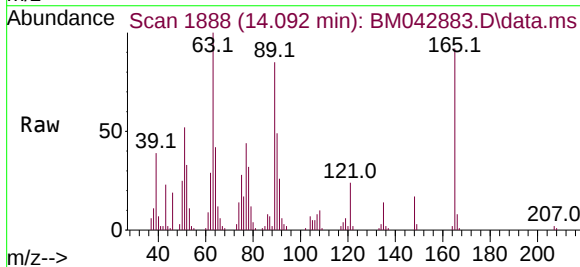


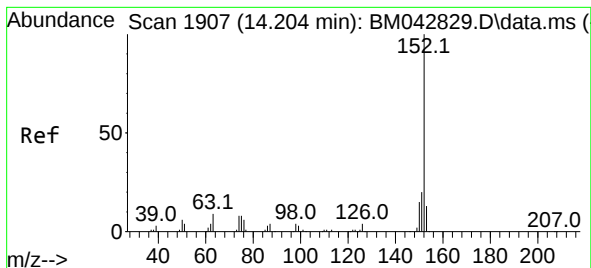
Tgt Ion:163 Resp: 165612
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.6 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 18.280 ng/ul
RT: 14.092 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:165 Resp: 29830
Ion Ratio Lower Upper
165 100
89 92.6 64.1 96.1
121 26.1 18.4 27.6





#50

Acenaphthylene

Concen: 19.101 ng/ul

RT: 14.198 min Scan# 1906

Delta R.T. -0.018 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Instrument :

BNA_M

ClientSampleId :

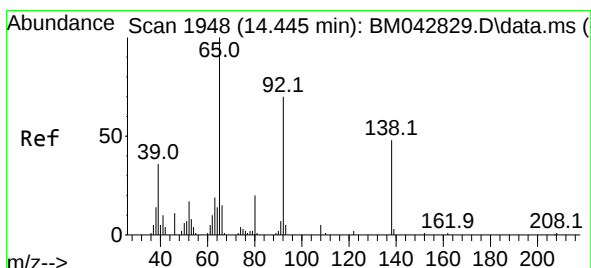
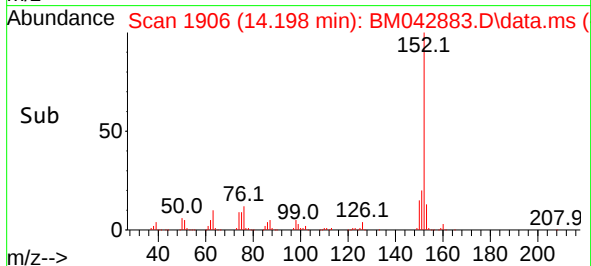
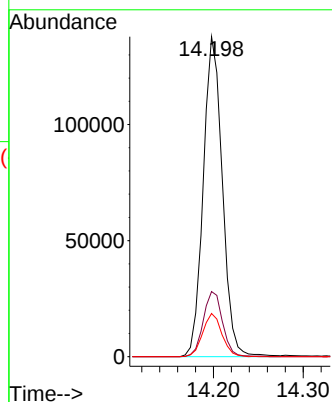
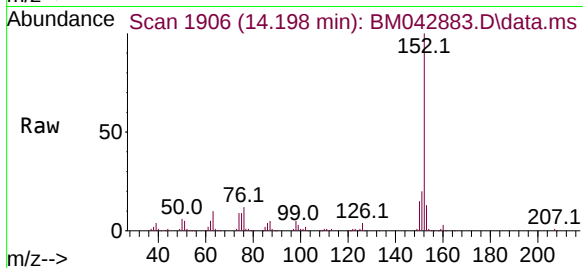
Tgt Ion:152 Resp: 204212

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 13.5 10.5 15.7



#51

3-Nitroaniline

Concen: 17.295 ng/ul

RT: 14.439 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

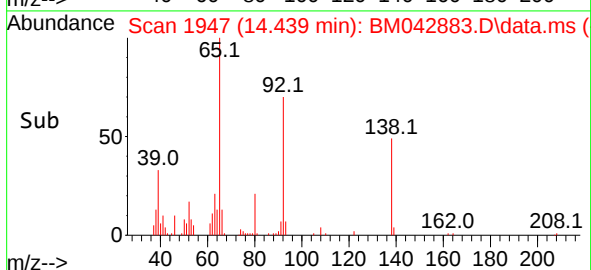
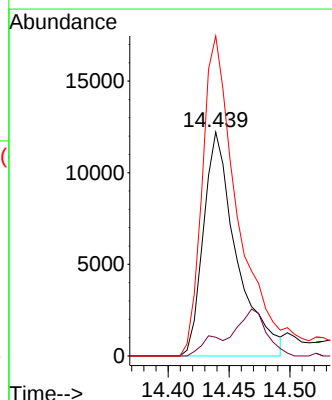
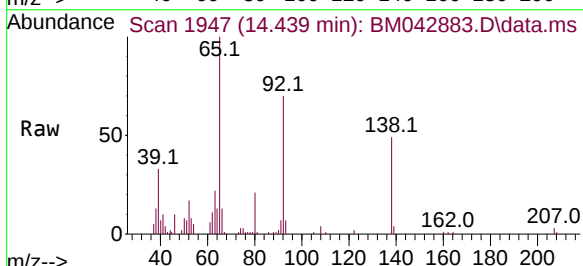
Tgt Ion:138 Resp: 23077

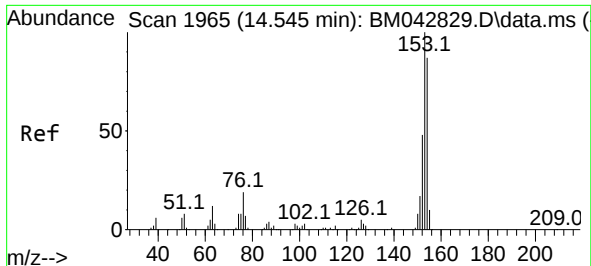
Ion Ratio Lower Upper

138 100

108 8.4 8.7 13.1#

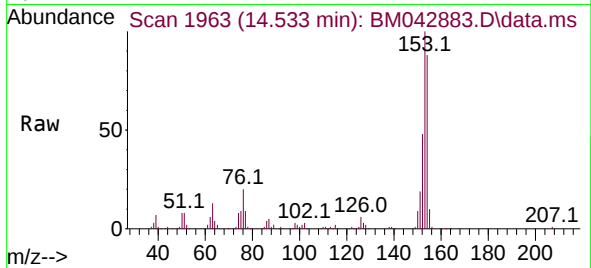
92 143.0 109.4 164.0



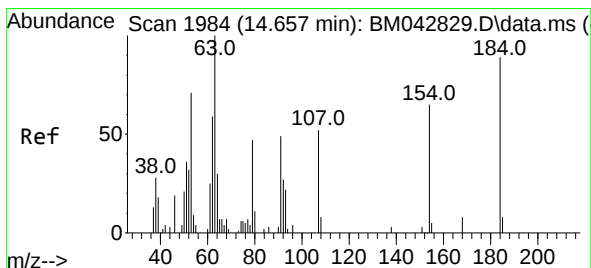
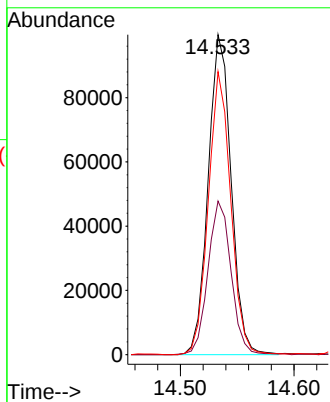
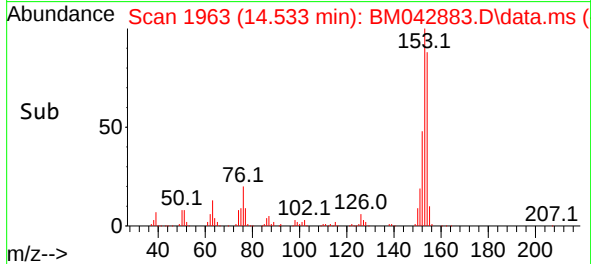


#52
Acenaphthene
Concen: 19.362 ng/ul
RT: 14.533 min Scan# 1963
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Instrument :
BNA_M
ClientSampleId :

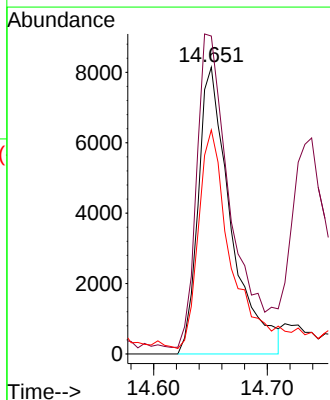
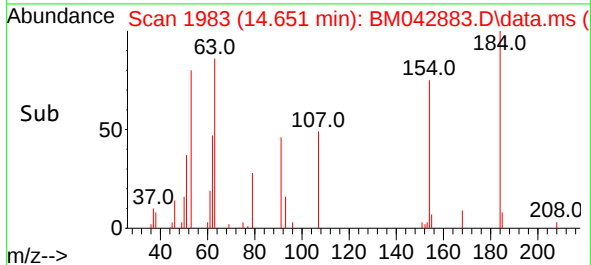
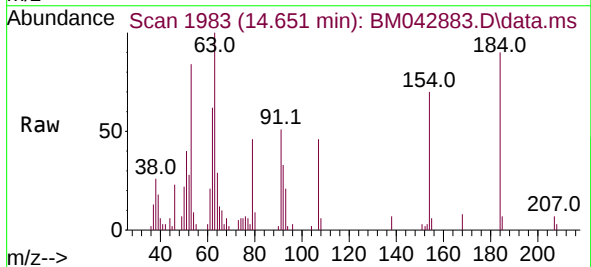


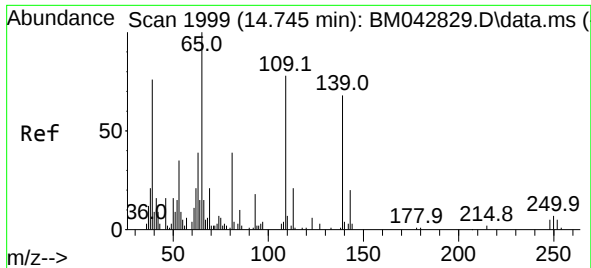
Tgt Ion:153 Resp: 139997
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.2
154 88.5 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 20.112 ng/ul
RT: 14.651 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:184 Resp: 16318
Ion Ratio Lower Upper
184 100
63 110.9 79.1 118.7
154 78.2 65.7 98.5

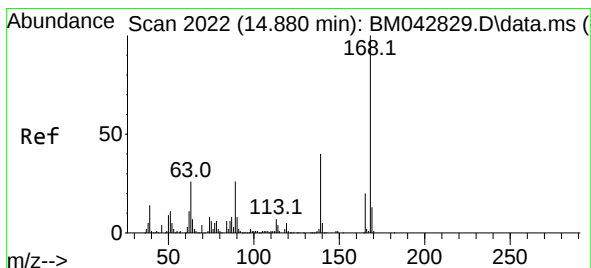
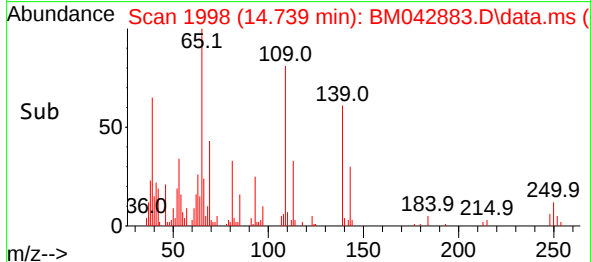
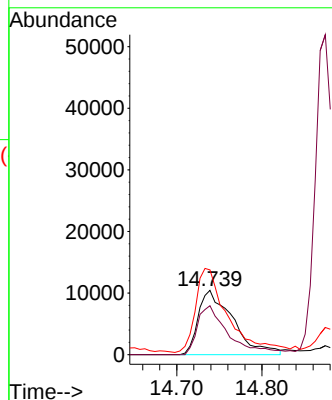
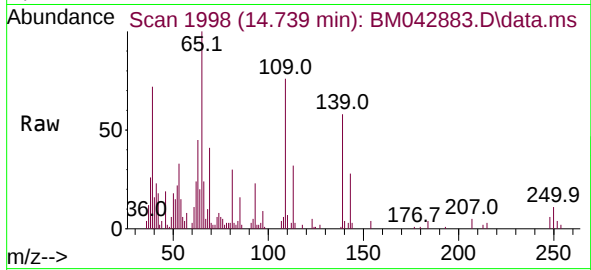




#55
4-Nitrophenol
Concen: 18.657 ng/ul
RT: 14.739 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

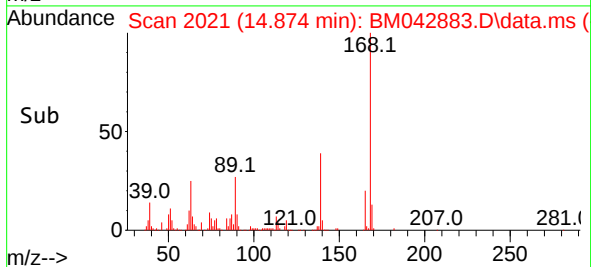
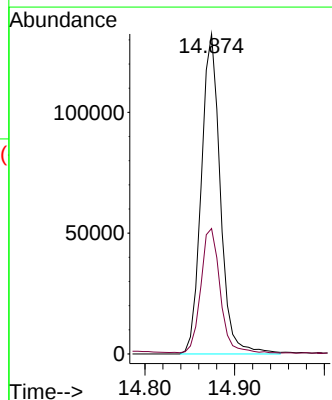
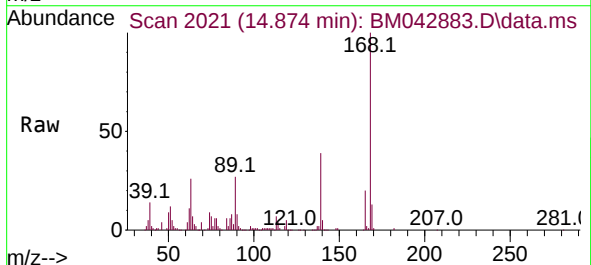
Instrument :
BNA_M
ClientSampleId :

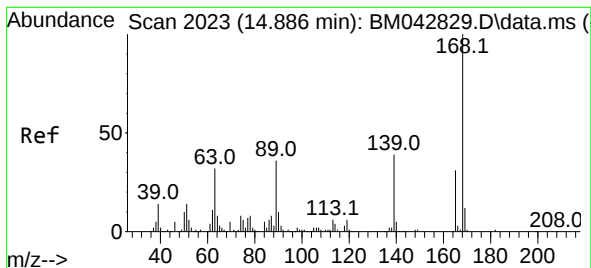
Tgt Ion:109 Resp: 29580
Ion Ratio Lower Upper
109 100
139 76.2 67.1 100.7
65 131.8 107.1 160.7



#56
Dibenzofuran
Concen: 19.445 ng/ul
RT: 14.874 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:168 Resp: 195147
Ion Ratio Lower Upper
168 100
139 39.2 30.8 46.2

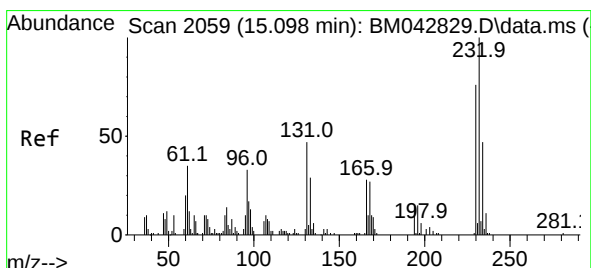
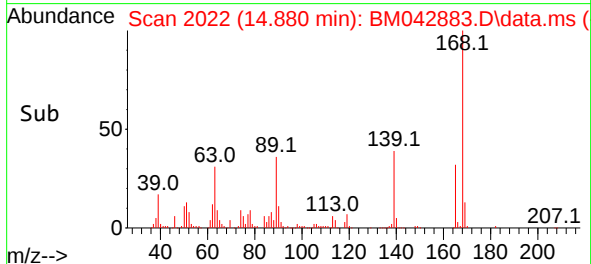
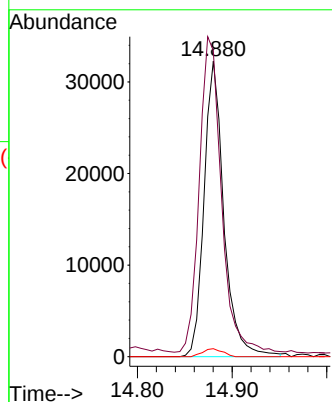
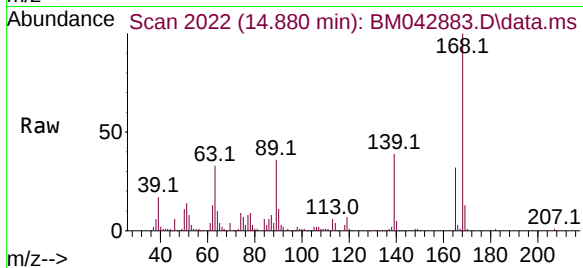




#57
2,4-Dinitrotoluene
Concen: 19.629 ng/ul
RT: 14.880 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

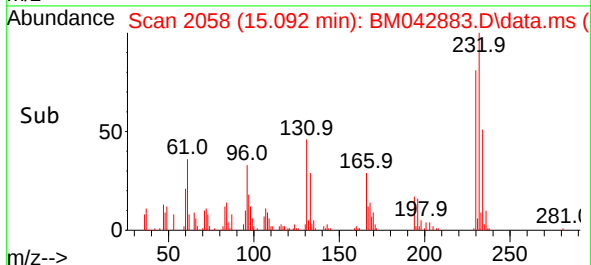
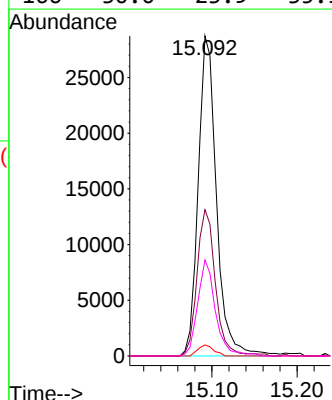
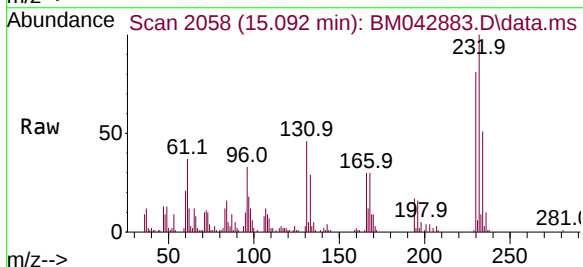
Instrument :
BNA_M
ClientSampleId :

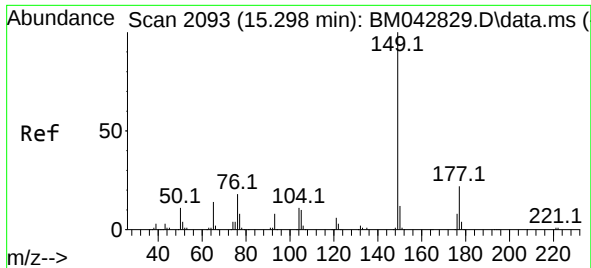
Tgt Ion	Ratio	Lower	Upper
165	100		
63	103.5	83.5	125.3
182	2.7	2.4	3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.914 ng/ul
RT: 15.092 min Scan# 2058
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

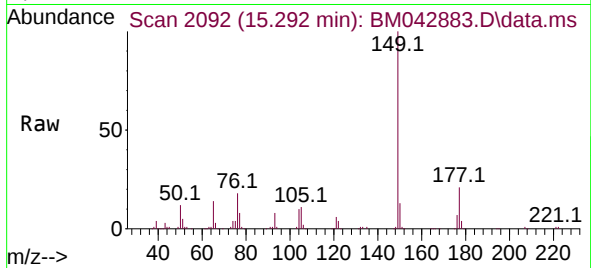
Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.7	38.9	58.3
130	3.4	1.9	2.9
166	30.0	23.9	35.9



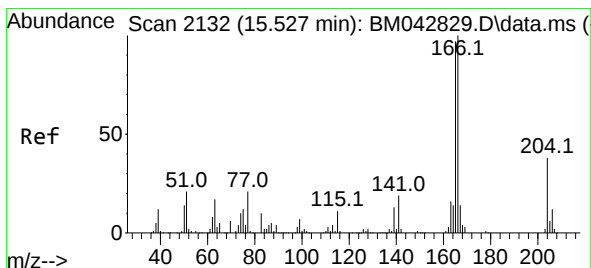
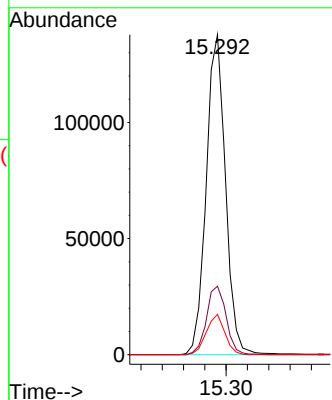
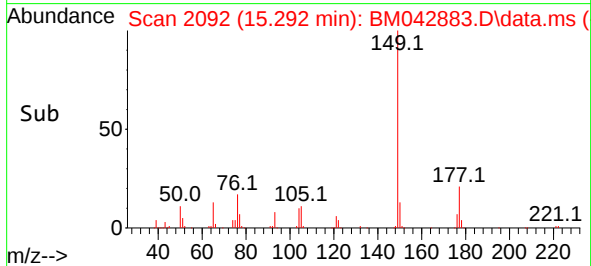


#59
Diethylphthalate
Concen: 19.031 ng/ul
RT: 15.292 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Instrument :
BNA_M
ClientSampleId :

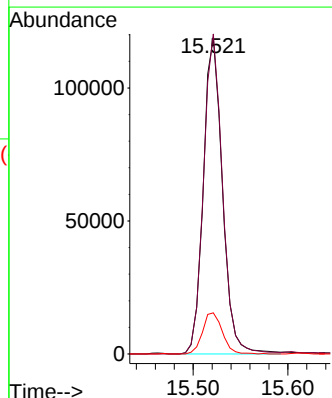
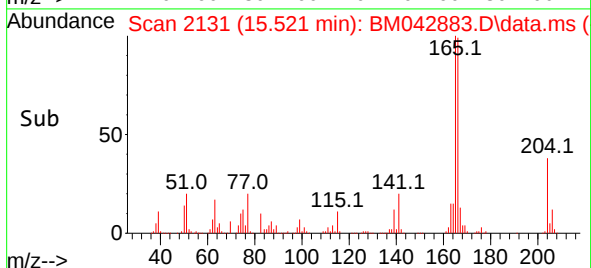
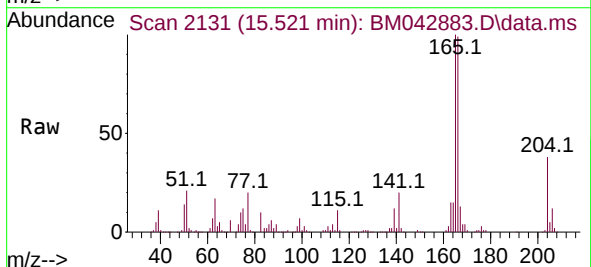


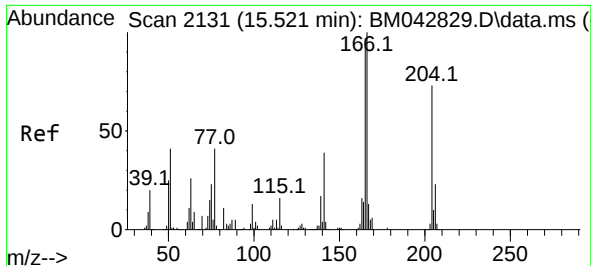
Tgt Ion:149 Resp: 173332
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.6 9.7 14.5



#61
Fluorene
Concen: 19.636 ng/ul
RT: 15.521 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:166 Resp: 167310
Ion Ratio Lower Upper
166 100
165 101.2 79.3 118.9
167 13.0 10.6 15.8

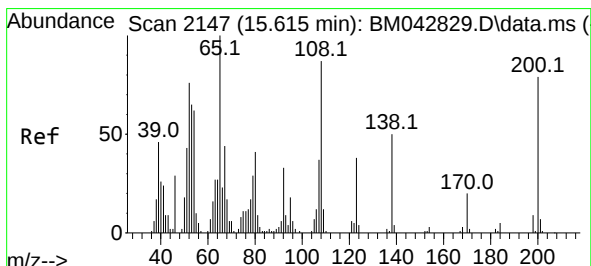
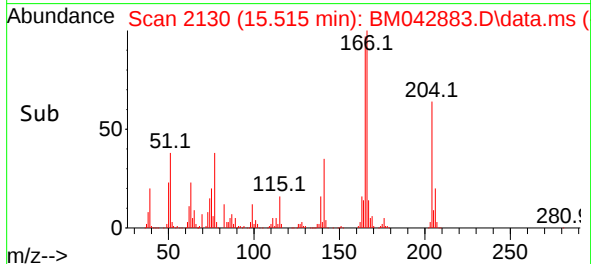
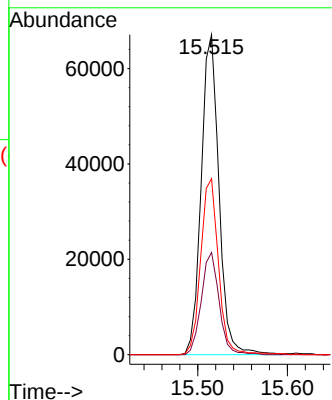
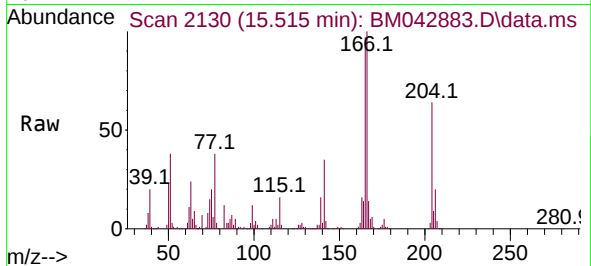




#62
4-Chlorophenyl-phenylether
Concen: 20.070 ng/ul
RT: 15.515 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

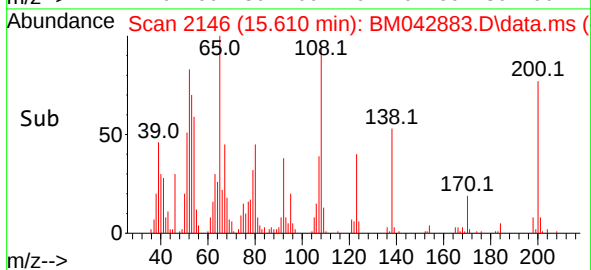
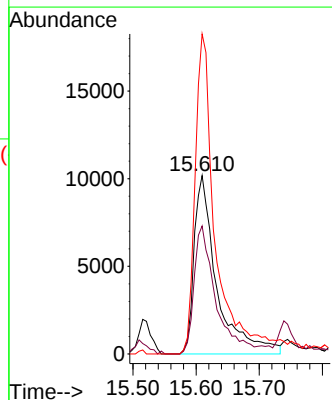
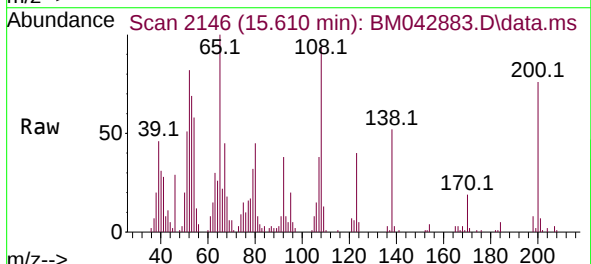
Instrument :
BNA_M
ClientSampleId :

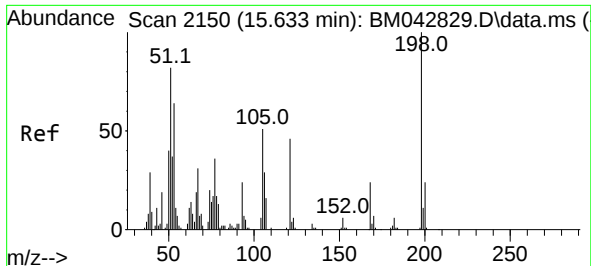
Tgt Ion:204 Resp: 92161
Ion Ratio Lower Upper
204 100
206 31.9 27.0 40.4
141 55.0 46.0 69.0



#63
4-Nitroaniline
Concen: 21.015 ng/ul
RT: 15.610 min Scan# 2146
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:138 Resp: 25565
Ion Ratio Lower Upper
138 100
92 71.8 47.4 71.0#
108 179.4 129.5 194.3

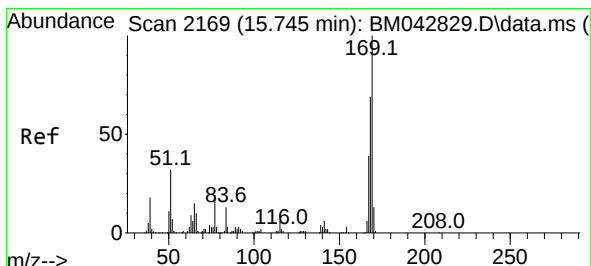
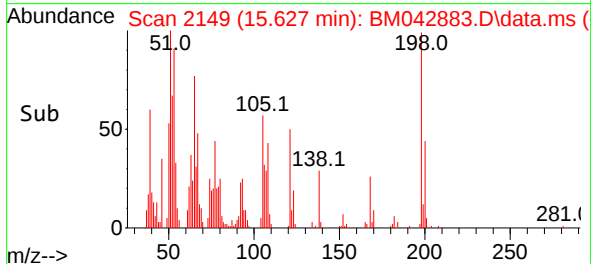
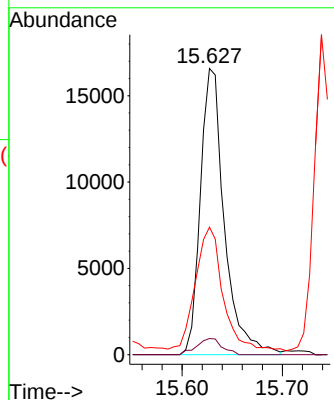
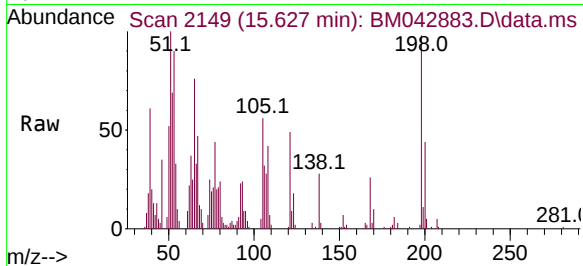




#66
4,6-Dinitro-2-methylphenol
Concen: 16.470 ng/ul
RT: 15.627 min Scan# 2150
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

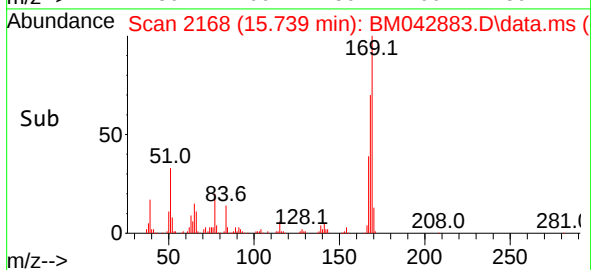
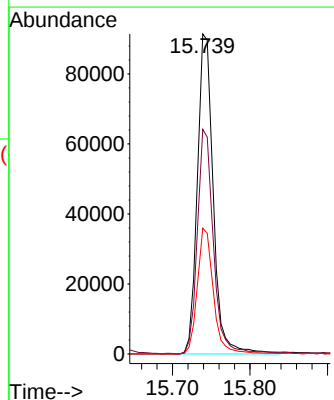
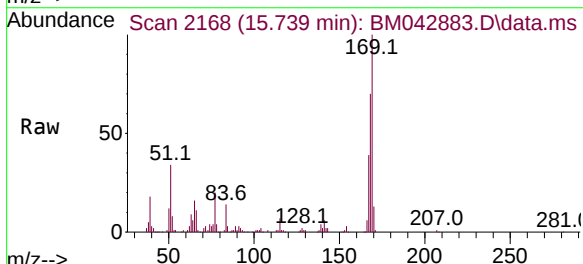
Instrument :
BNA_M
ClientSampleId :

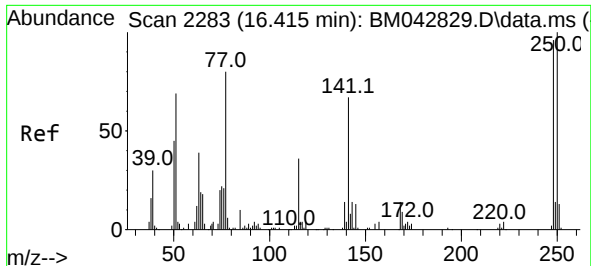
Tgt Ion:198 Resp: 27643
Ion Ratio Lower Upper
198 100
182 5.7 3.4 5.0#
77 44.5 26.9 40.3#



#67
N-Nitrosodiphenylamine
Concen: 19.151 ng/ul
RT: 15.739 min Scan# 2168
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:169 Resp: 130731
Ion Ratio Lower Upper
169 100
168 70.2 55.8 83.6
167 39.3 31.4 47.2

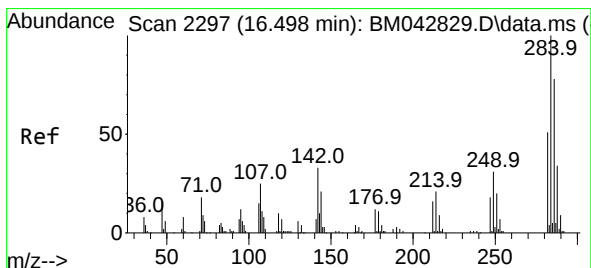
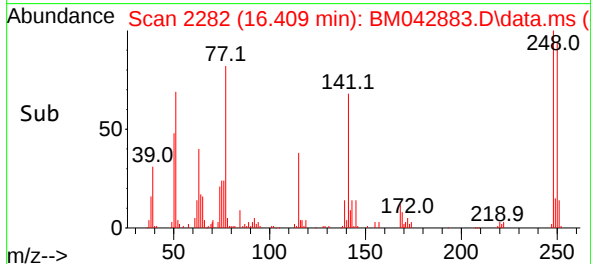
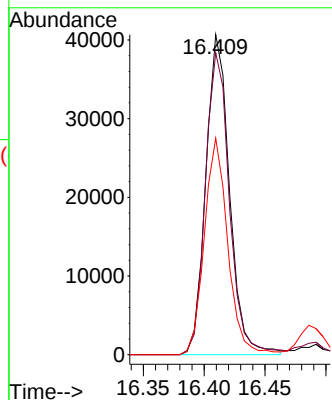
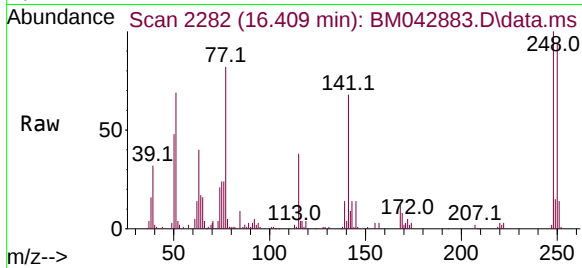




#68
4-Bromophenyl-phenylether
Concen: 19.031 ng/ul
RT: 16.409 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

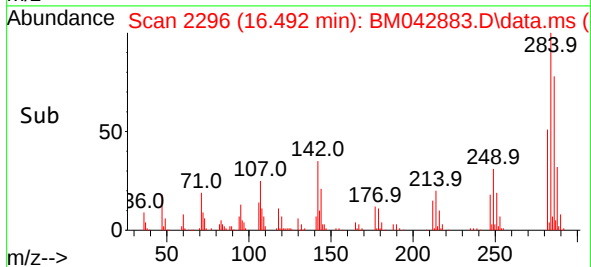
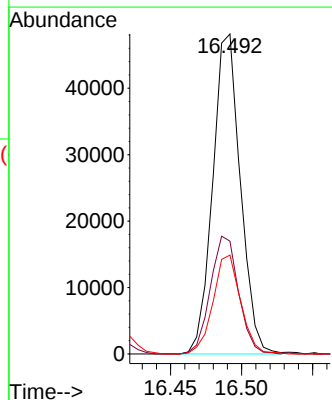
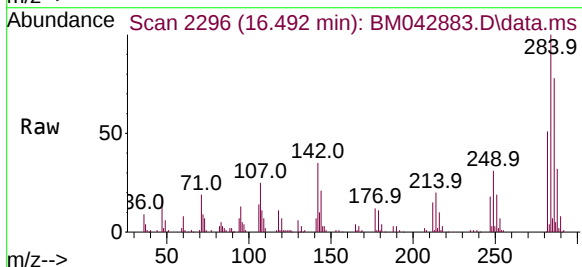
Instrument :
BNA_M
ClientSampleId :

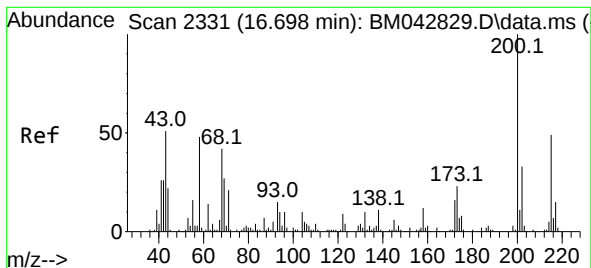
Tgt Ion:248 Resp: 55134
Ion Ratio Lower Upper
248 100
250 94.4 84.3 126.5
141 67.6 60.1 90.1



#69
Hexachlorobenzene
Concen: 18.428 ng/ul
RT: 16.492 min Scan# 2296
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:284 Resp: 65265
Ion Ratio Lower Upper
284 100
142 35.3 30.5 45.7
249 30.9 25.3 37.9





#70

Atrazine

Concen: 18.524 ng/ul

RT: 16.692 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Instrument :

BNA_M

ClientSampleId :

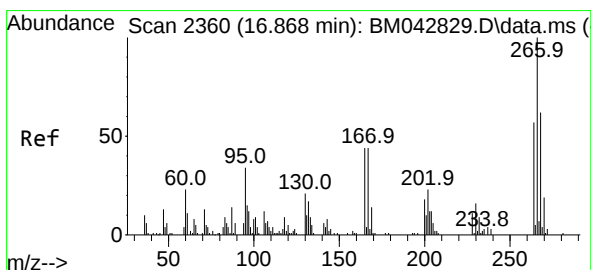
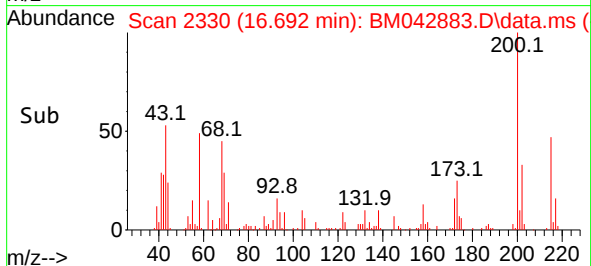
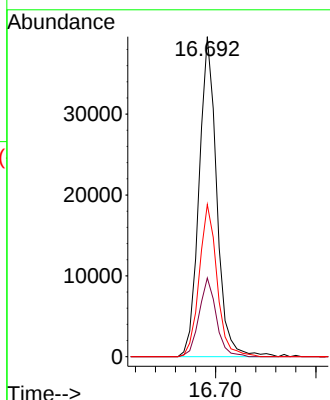
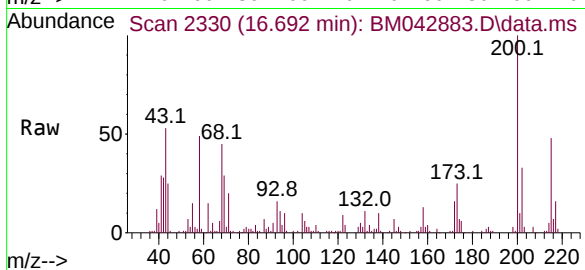
Tgt Ion:200 Resp: 48707

Ion Ratio Lower Upper

200 100

173 24.6 19.8 29.6

215 47.6 38.2 57.2



#71

Pentachlorophenol

Concen: 16.599 ng/ul

RT: 16.862 min Scan# 2359

Delta R.T. -0.012 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

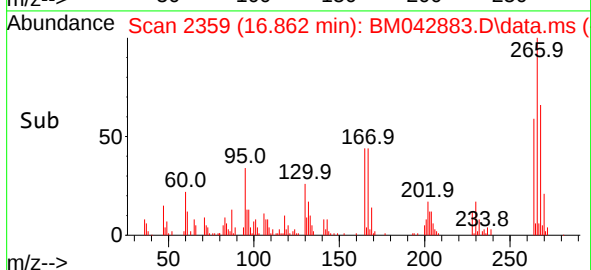
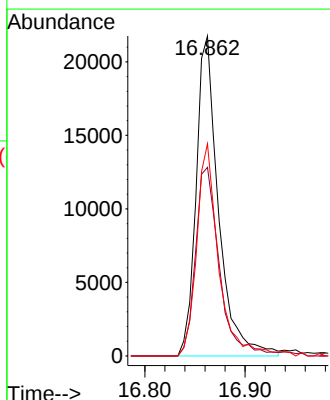
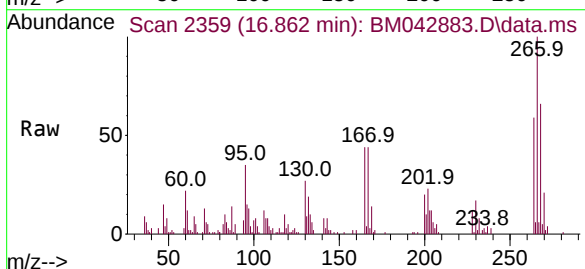
Tgt Ion:266 Resp: 33852

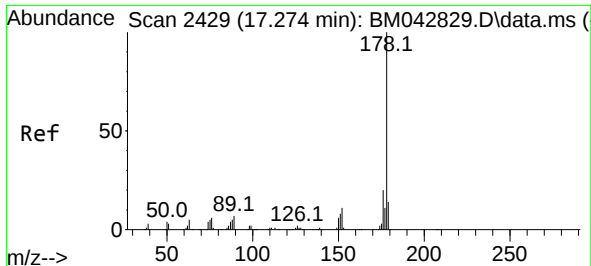
Ion Ratio Lower Upper

266 100

264 59.0 50.3 75.5

268 66.3 52.1 78.1

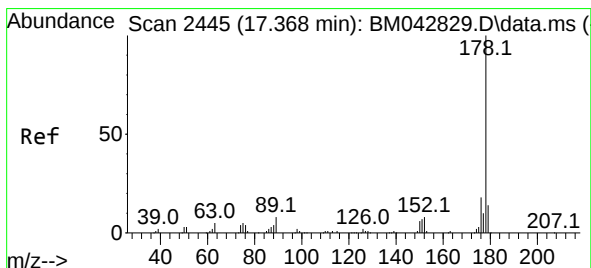
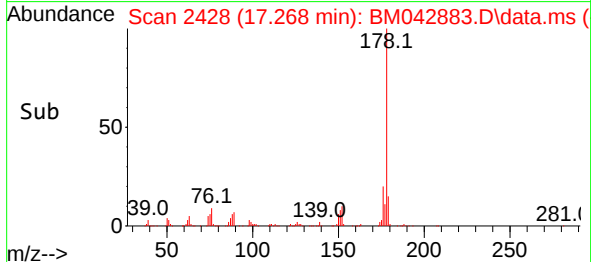
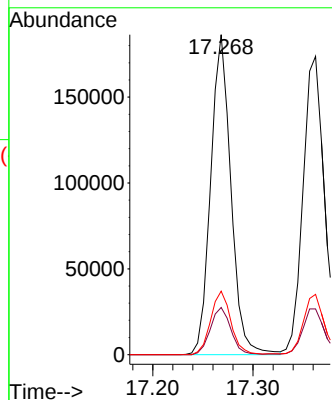
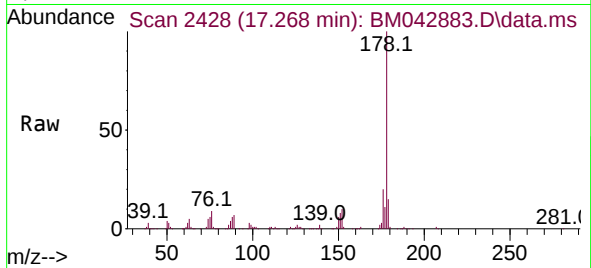




#72
Phenanthrene
Concen: 19.246 ng/u1
RT: 17.268 min Scan# 2429
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

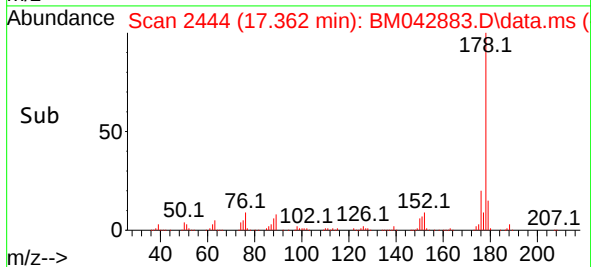
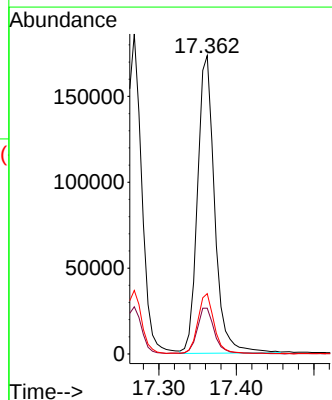
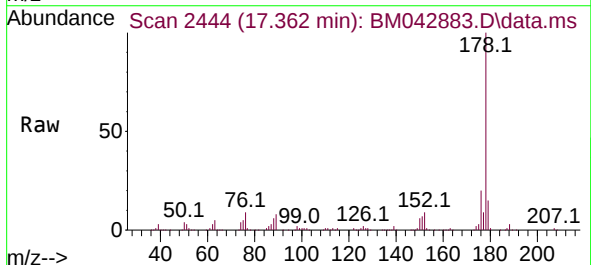
Instrument :
BNA_M
ClientSampleId :

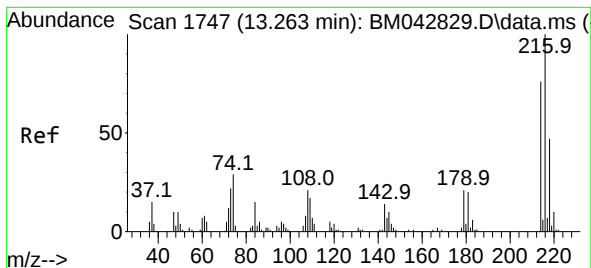
Tgt Ion:178 Resp: 261685
Ion Ratio Lower Upper
178 100
179 14.8 11.4 17.2
176 19.9 15.5 23.3



#74
Anthracene
Concen: 19.436 ng/u1
RT: 17.362 min Scan# 2444
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:178 Resp: 265815
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 20.2 15.7 23.5

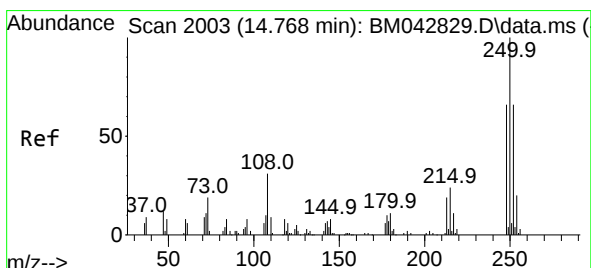
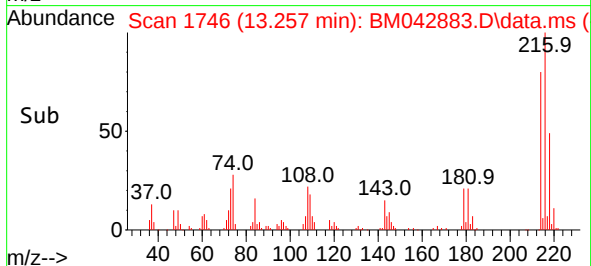
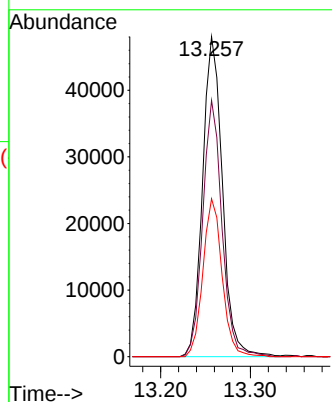
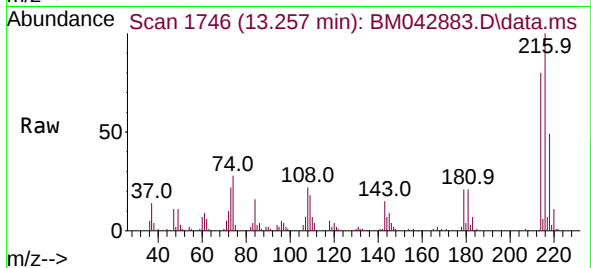




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.221 ng/uL
RT: 13.257 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

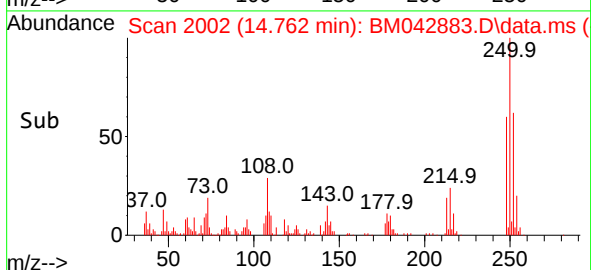
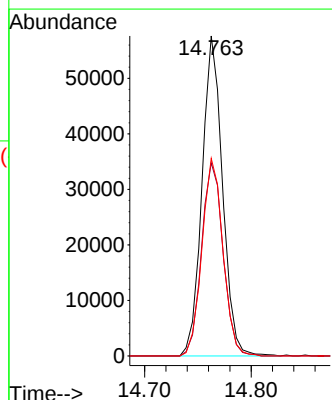
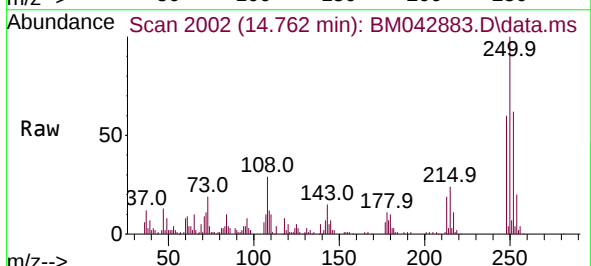
Instrument :
BNA_M
ClientSampleId :

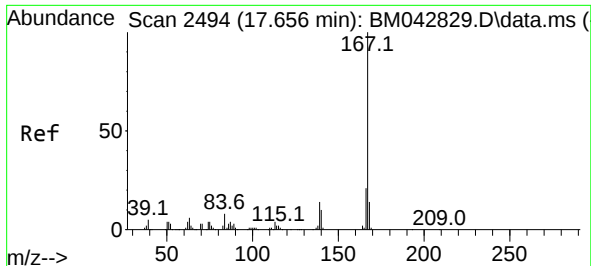
Tgt Ion:216 Resp: 73973
Ion Ratio Lower Upper
216 100
214 80.1 62.6 94.0
218 49.4 39.3 58.9



#76
Pentachlorobenzene
Concen: 19.075 ng/uL
RT: 14.762 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:250 Resp: 77026
Ion Ratio Lower Upper
250 100
248 60.3 51.0 76.6
252 61.7 51.8 77.8

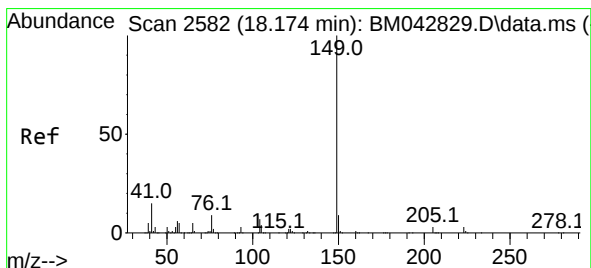
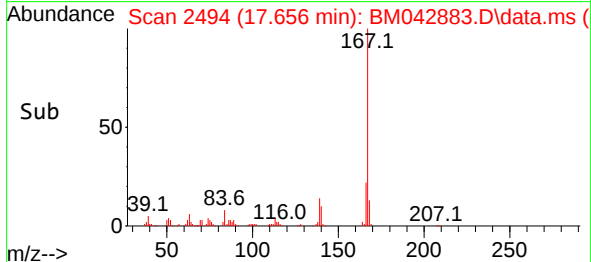
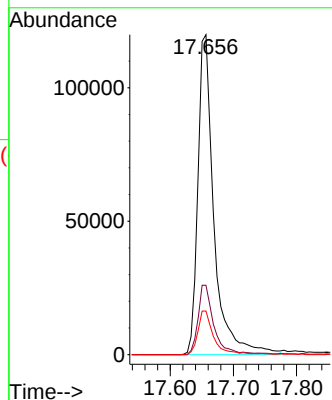
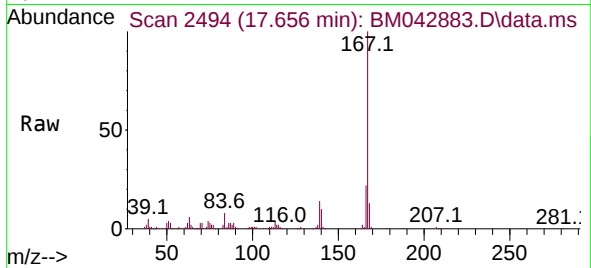




#77
 Carbazole
 Concen: 18.776 ng/ul
 RT: 17.656 min Scan# 2494
 Delta R.T. -0.006 min
 Lab File: BM042883.D
 Acq: 18 Nov 2023 16:08

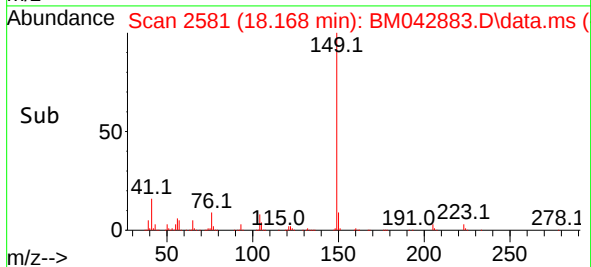
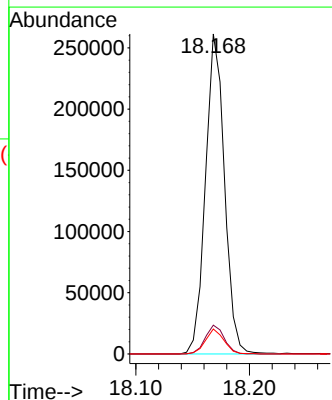
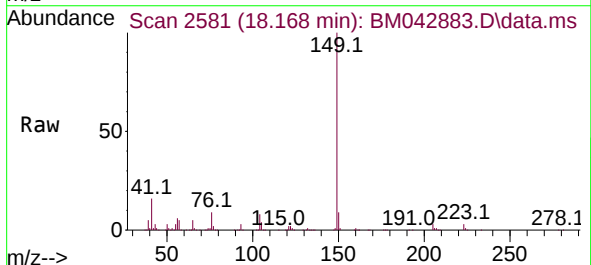
Instrument :
 BNA_M
 ClientSampleId :

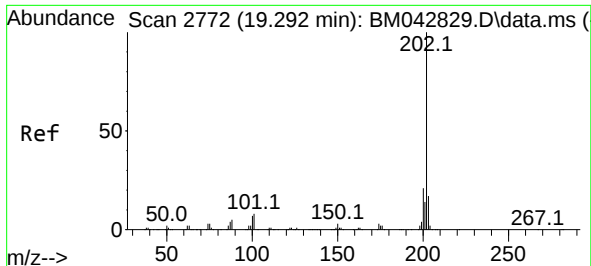
Tgt Ion:167 Resp: 212040
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.7 10.8 16.2



#78
 Di-n-butylphthalate
 Concen: 18.389 ng/ul
 RT: 18.168 min Scan# 2581
 Delta R.T. -0.012 min
 Lab File: BM042883.D
 Acq: 18 Nov 2023 16:08

Tgt Ion:149 Resp: 303671
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 7.8 5.3 7.9

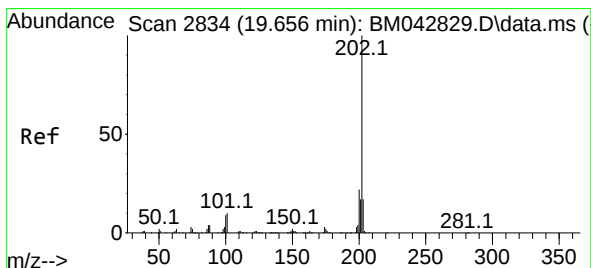
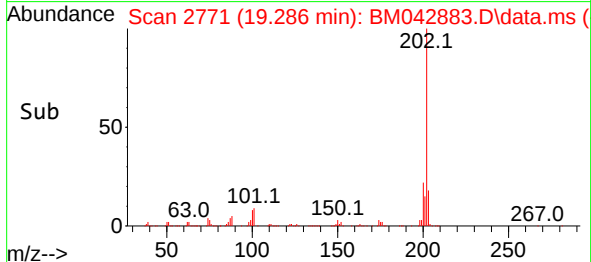
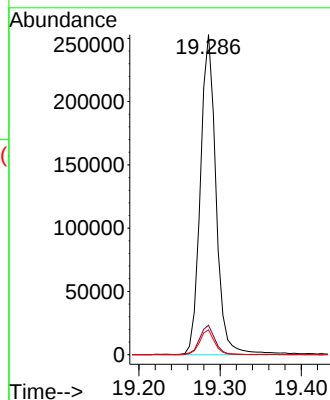
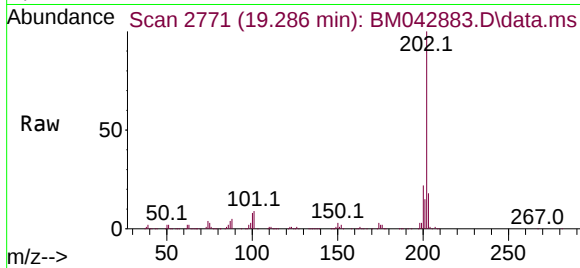




#80
Fluoranthene
Concen: 17.734 ng/u1
RT: 19.286 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

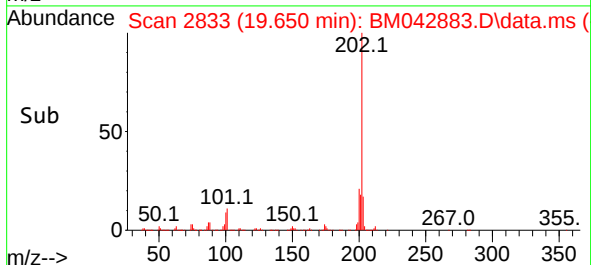
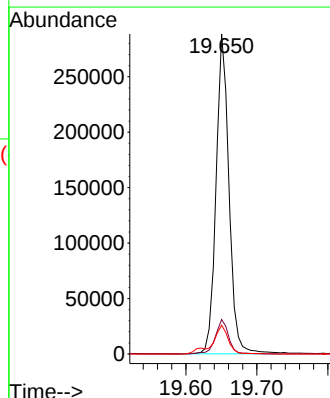
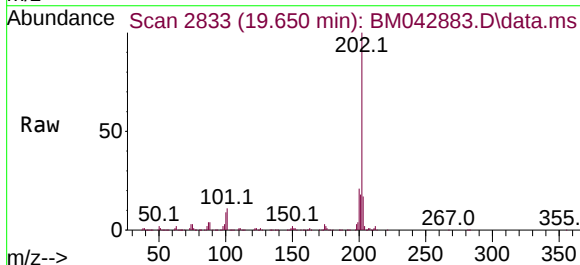
Instrument :
BNA_M
ClientSampleId :

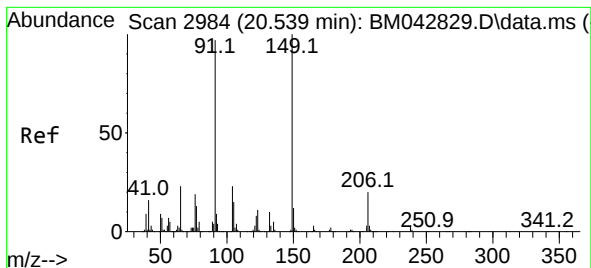
Tgt Ion:202 Resp: 338639
Ion Ratio Lower Upper
202 100
101 9.2 6.6 9.8
100 7.7 5.6 8.4



#82
Pyrene
Concen: 17.956 ng/u1
RT: 19.650 min Scan# 2833
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:202 Resp: 363551
Ion Ratio Lower Upper
202 100
101 10.7 8.1 12.1
100 9.0 6.9 10.3





#83

Butylbenzylphthalate

Concen: 17.684 ng/ul

RT: 20.539 min Scan# 2984

Delta R.T. -0.006 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Instrument :

BNA_M

ClientSampleId :

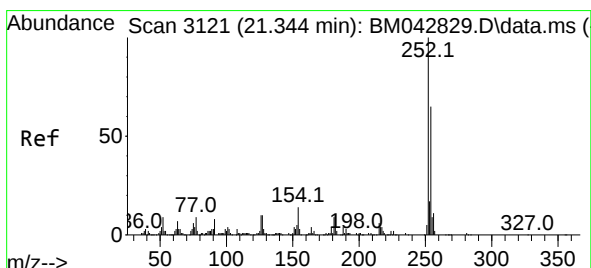
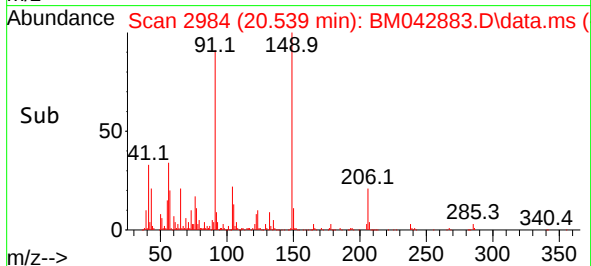
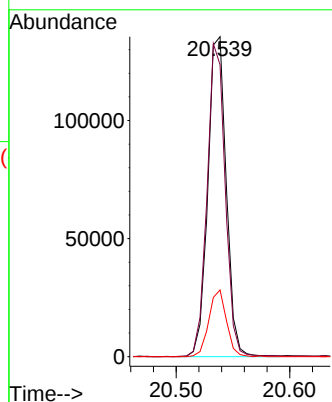
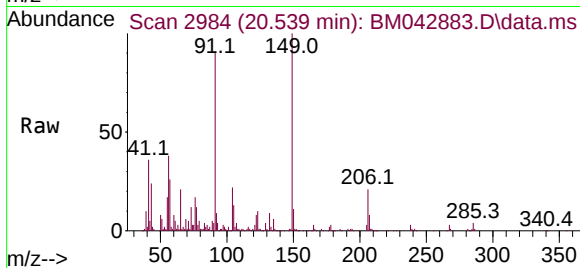
Tgt Ion:149 Resp: 152927

Ion Ratio Lower Upper

149 100

91 91.2 69.3 103.9

206 20.8 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 16.203 ng/ul

RT: 21.344 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

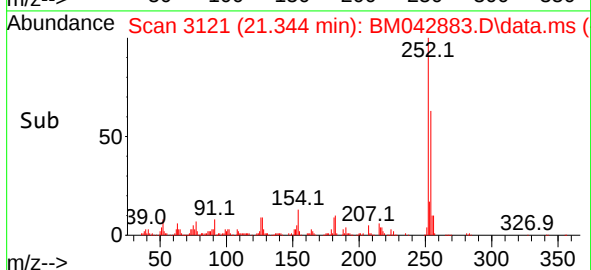
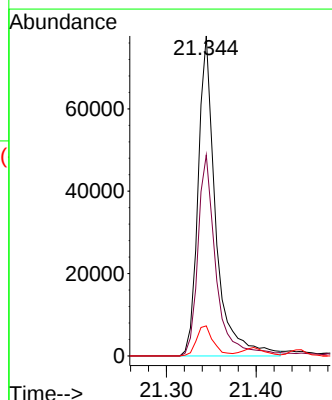
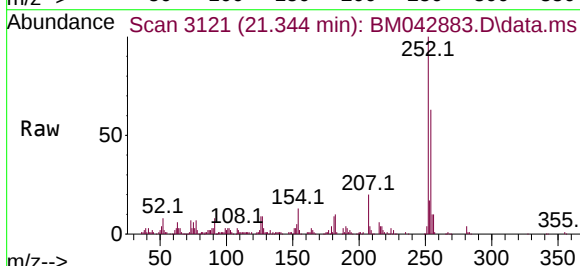
Tgt Ion:252 Resp: 106056

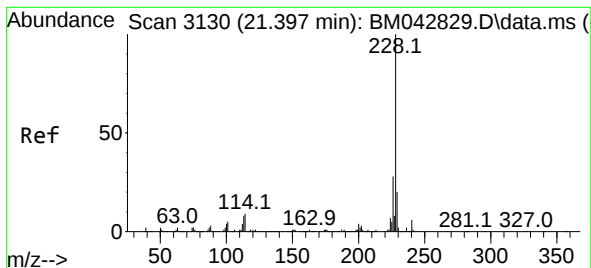
Ion Ratio Lower Upper

252 100

254 62.8 51.8 77.6

126 9.4 7.8 11.8





#85

Benzo(a)anthracene

Concen: 19.299 ng/ul

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Instrument :

BNA_M

ClientSampleId :

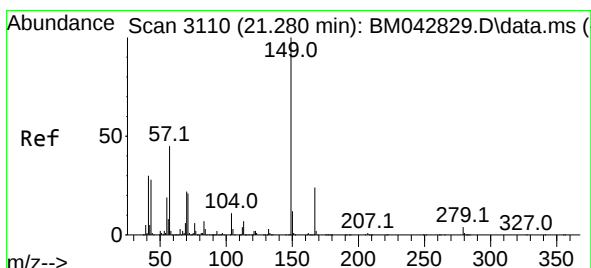
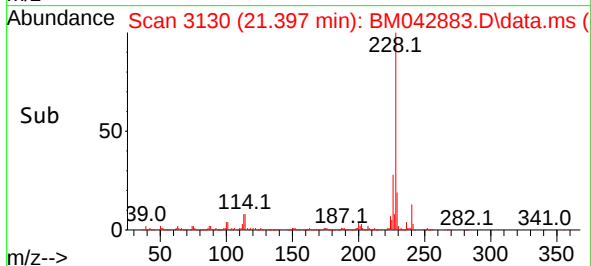
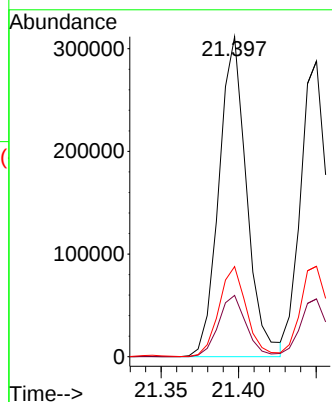
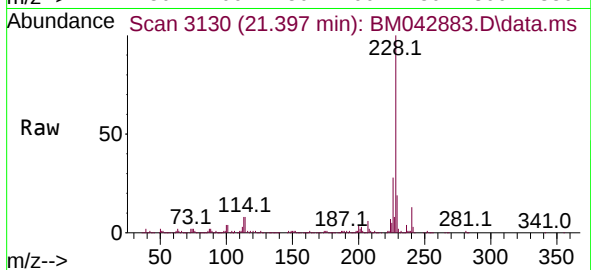
Tgt Ion:228 Resp: 387435

Ion Ratio Lower Upper

228 100

229 19.2 15.8 23.6

226 28.1 22.5 33.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 16.360 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

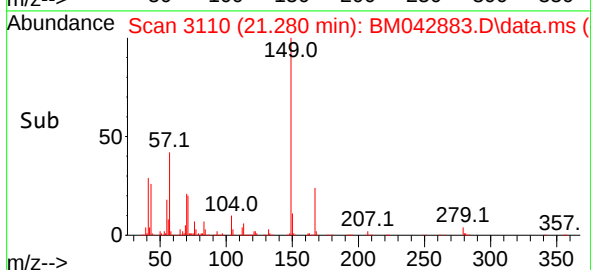
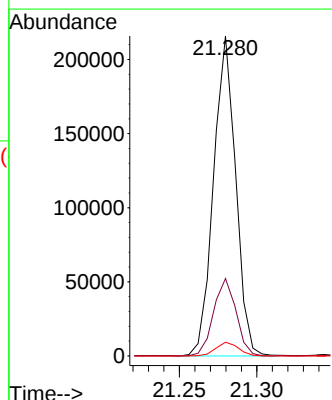
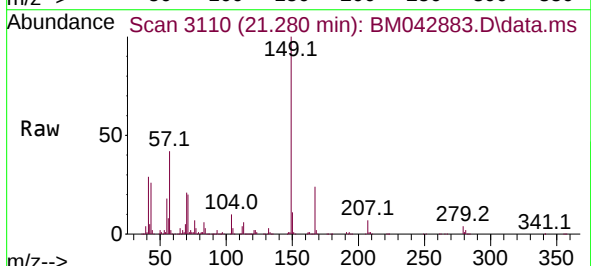
Tgt Ion:149 Resp: 214649

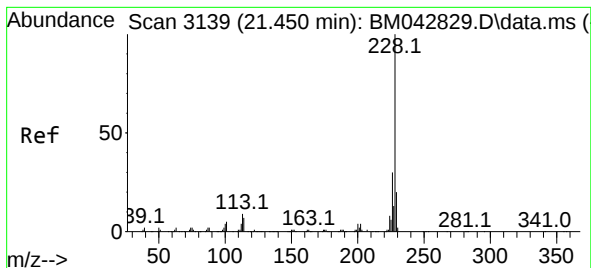
Ion Ratio Lower Upper

149 100

167 24.2 20.6 31.0

279 4.3 3.5 5.3





#87

Chrysene

Concen: 18.619 ng/ul

RT: 21.450 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Instrument :

BNA_M

ClientSampleId :

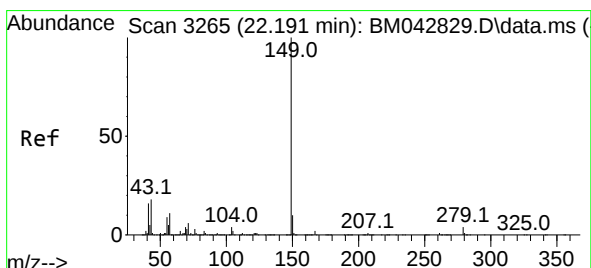
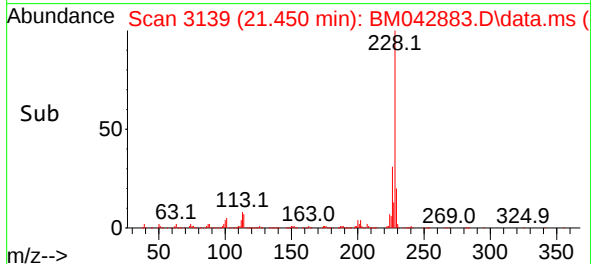
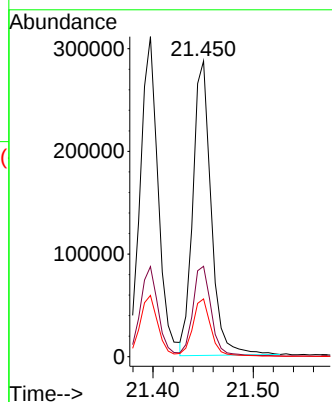
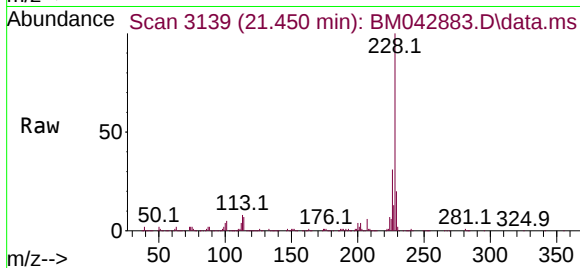
Tgt Ion:228 Resp: 362504

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 19.5 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 16.677 ng/ul

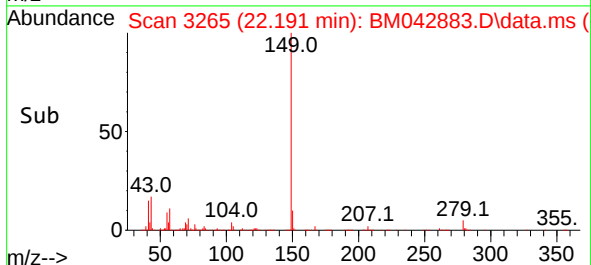
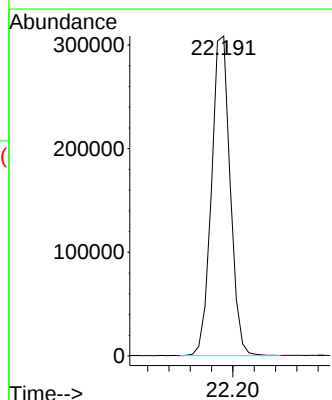
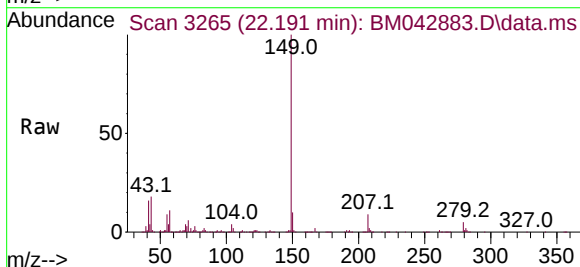
RT: 22.191 min Scan# 3265

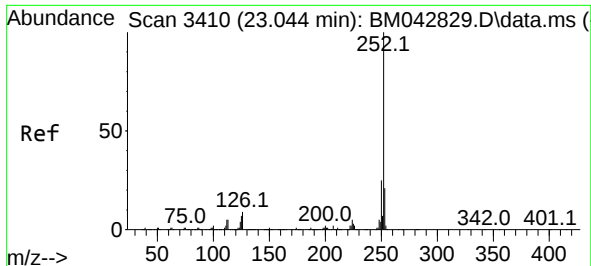
Delta R.T. -0.012 min

Lab File: BM042883.D

Acq: 18 Nov 2023 16:08

Tgt Ion:149 Resp: 375364

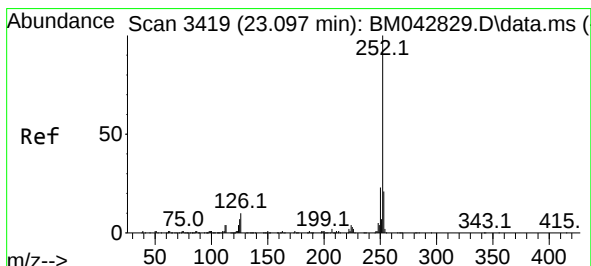
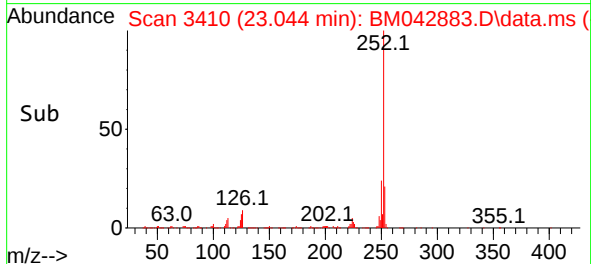
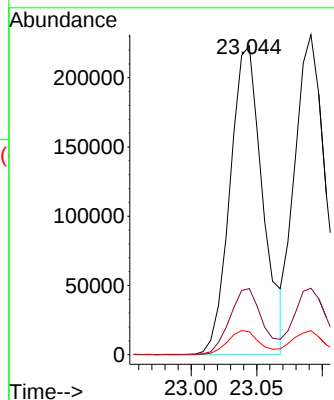
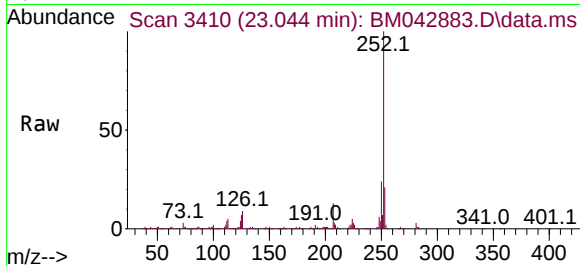




#90
Benzo(b)fluoranthene
Concen: 20.301 ng/ul
RT: 23.044 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

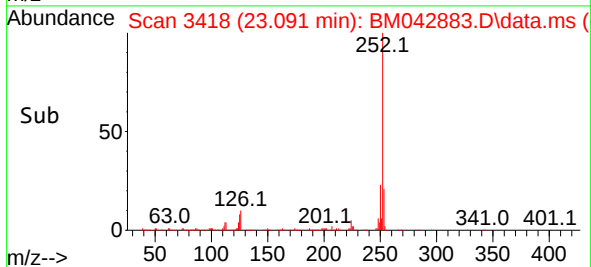
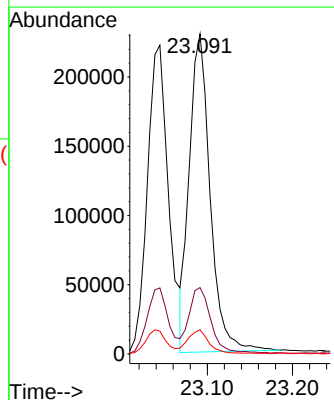
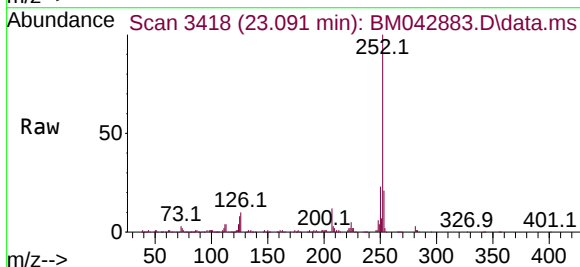
Instrument :
BNA_M
ClientSampleId :

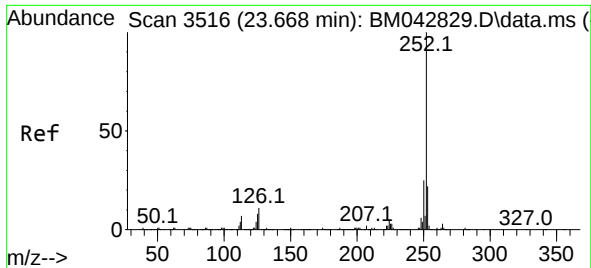
Tgt Ion:252 Resp: 386027
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 7.4 5.2 7.8



#91
Benzo(k)fluoranthene
Concen: 19.289 ng/ul
RT: 23.091 min Scan# 3418
Delta R.T. -0.012 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:252 Resp: 390445
Ion Ratio Lower Upper
252 100
253 20.8 17.5 26.3
125 7.5 5.5 8.3

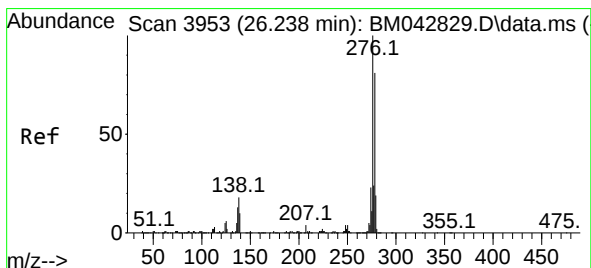
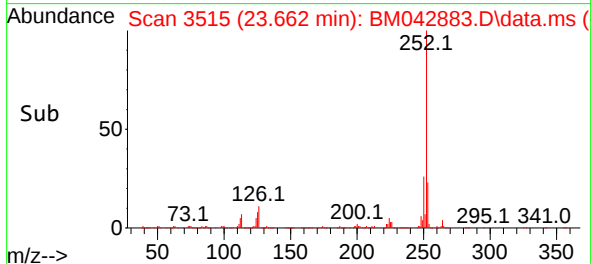
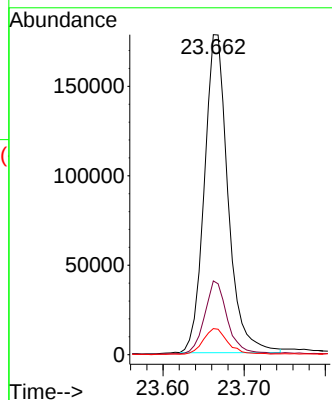
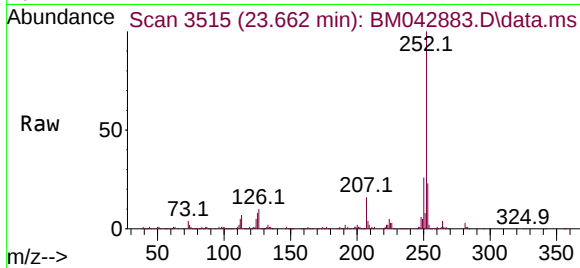




#93
Benzo(a)pyrene
Concen: 19.432 ng/ul
RT: 23.662 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

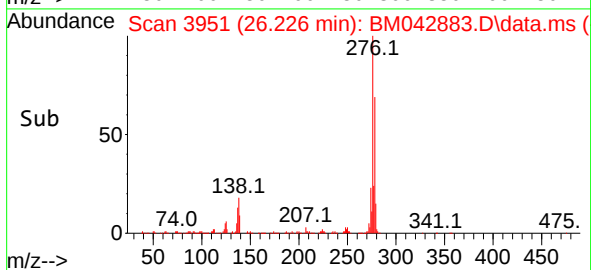
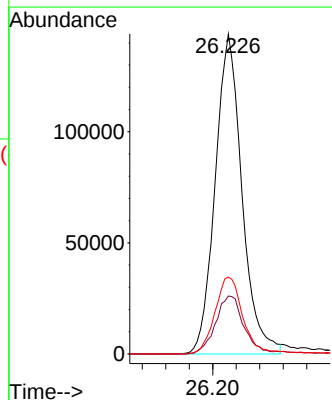
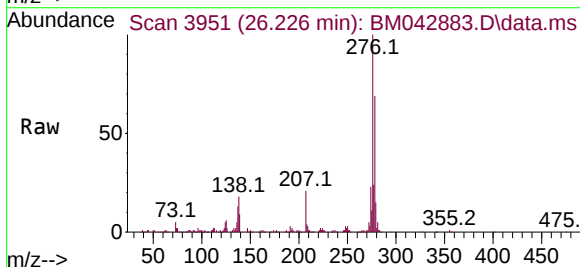
Instrument :
BNA_M
ClientSampleId :

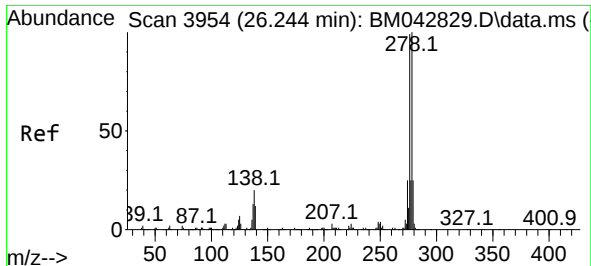
Tgt Ion:252 Resp: 360066
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 8.2 6.3 9.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 19.763 ng/ul
RT: 26.226 min Scan# 3951
Delta R.T. -0.018 min
Lab File: BM042883.D
Acq: 18 Nov 2023 16:08

Tgt Ion:276 Resp: 455094
Ion Ratio Lower Upper
276 100
138 18.1 13.8 20.8
277 24.0 19.7 29.5

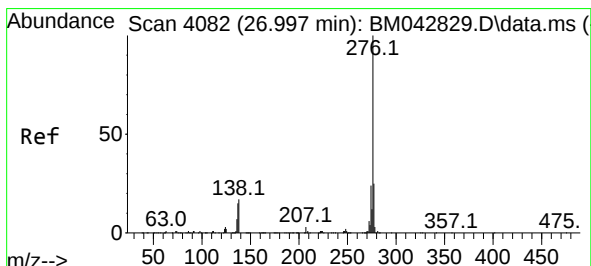
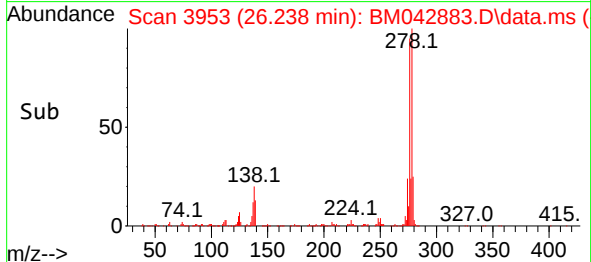
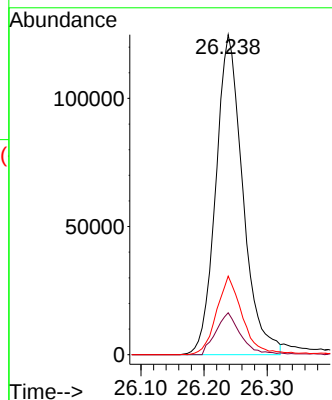
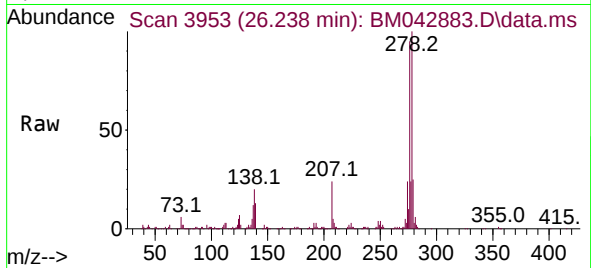




#95
 Dibenzo(a,h)anthracene
 Concen: 19.448 ng/ul
 RT: 26.238 min Scan# 3953
 Delta R.T. -0.024 min
 Lab File: BM042883.D
 Acq: 18 Nov 2023 16:08

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 371289
 Ion Ratio Lower Upper
 278 100
 139 13.1 9.0 13.4
 279 24.5 18.8 28.2



#96
 Benzo(g,h,i)perylene
 Concen: 20.208 ng/ul
 RT: 26.991 min Scan# 4081
 Delta R.T. -0.030 min
 Lab File: BM042883.D
 Acq: 18 Nov 2023 16:08

Tgt Ion:276 Resp: 369530
 Ion Ratio Lower Upper
 276 100
 138 15.1 13.0 19.6
 277 23.2 18.4 27.6

