

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042909.D
 Acq On : 19 Nov 2023 16:49
 Operator : MA/JU
 Sample : PB157267BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 21:50:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	20865	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	85296	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.468	164	55675	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.321	188	220890	20.000	ng/u1	0.09
79) Chrysene-d12	21.409	240	129584	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	144785	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	4637	6.973	ng/uL	0.00
4) Pyridine-d5	3.604	84	51472	31.119	ng/u1	0.00
7) Phenol-d5	6.981	99	71884	35.399	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	55044	38.575	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	53777	34.321	ng/u1	0.00
15) 4-Methylphenol-d8	8.533	113	54465	34.064	ng/u1	0.00
21) Nitrobenzene-d5	9.133	128	126	0.168	ng/u1	0.12
24) 2-Nitrophenol-d4	9.727	143	26994	30.856	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	55065	33.852	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	54626	26.449	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	169875	32.239	ng/u1	0.00
49) Acenaphthylene-d8	14.168	160	187460	33.250	ng/u1	0.00
54) 4-Nitrophenol-d4	14.721	143	14664	24.632	ng/u1	0.00
60) Fluorene-d10	15.462	176	143328	32.848	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	62	0.037	ng/u1	0.08
73) Anthracene-d10	17.321	188	220890	17.844	ng/u1	0.00
81) Pyrene-d10	19.621	212	285288	33.620	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.609	264	296524	34.239	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	10567	14.922	ng/uL	99
5) Pyridine	3.628	79	65366	36.343	ng/u1	96
6) Benzaldehyde	6.981	77	42438	36.425	ng/u1	93
8) Phenol	7.004	94	76822	38.032	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.257	93	62815	37.648	ng/u1	88
12) 2-Chlorophenol	7.363	128	57205	36.685	ng/u1#	88
13) 2-Methylphenol	8.263	108	54274	36.032	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.322	45	77429	25.492	ng/u1	98
16) Acetophenone	8.663	105	94735	35.237	ng/u1	88
17) N-Nitroso-di-n-propyla...	8.633	70	60762	37.126	ng/u1	90
18) 4-Methylphenol	8.598	108	57989	35.410	ng/u1	99
19) Hexachloroethane	8.863	117	34135	39.275	ng/u1	88
22) Nitrobenzene	9.057	77	89473	39.586	ng/u1	94
23) Isophorone	9.563	82	160031	35.549	ng/u1	98
25) 2-Nitrophenol	9.757	139	29931	33.675	ng/u1	88
26) 2,4-Dimethylphenol	9.798	107	61292	32.230	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.051	93	84740	37.252	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	55657	36.139	ng/u1	99
30) Naphthalene	10.675	128	188897	35.350	ng/u1	100
32) 4-Chloroaniline	10.822	127	53214	26.856	ng/u1	96
33) Hexachlorobutadiene	10.892	225	49123	36.109	ng/u1	99
34) Caprolactam	11.645	113	9320	20.410	ng/u1	77
35) 4-Chloro-3-methylphenol	11.933	107	57849	35.054	ng/u1	99
36) 2-Methylnaphthalene	12.286	142	125782	35.121	ng/u1	97

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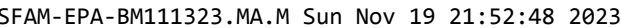
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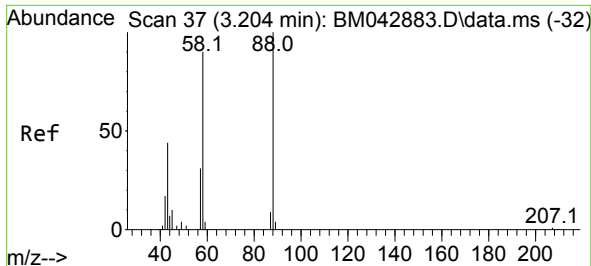
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	126981	33.722	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.639	216	82059	37.581	ng/ul	95
40) Hexachlorocyclopentadiene	12.580	237	30279	29.291	ng/ul	90
41) 2,4,6-Trichlorophenol	12.904	196	46016	34.502	ng/ul	96
42) 2,4,5-Trichlorophenol	12.980	196	48016	37.284	ng/ul	95
43) 1,1'-Biphenyl	13.304	154	168694	36.332	ng/ul	97
44) 2-Chloronaphthalene	13.351	162	136224	36.470	ng/ul	97
45) 2-Nitroaniline	13.604	65	48614	39.907	ng/ul	92
47) Dimethylphthalate	13.939	163	177667	34.618	ng/ul	100
48) 2,6-Dinitrotoluene	14.092	165	32527	33.735	ng/ul	93
50) Acenaphthylene	14.198	152	228004	36.092	ng/ul	99
51) 3-Nitroaniline	14.439	138	24238	30.742	ng/ul	97
52) Acenaphthene	14.533	153	152761	35.755	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	11680	24.363	ng/ul#	81
55) 4-Nitrophenol	14.733	109	30885	32.968	ng/ul	93
56) Dibenzofuran	14.868	168	213622	36.024	ng/ul	96
57) 2,4-Dinitrotoluene	14.880	165	49104	34.689	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.092	232	45692	34.179	ng/ul	96
59) Diethylphthalate	15.286	149	183610	34.117	ng/ul	99
61) Fluorene	15.515	166	183860	36.519	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.509	204	101296	37.333	ng/ul	97
63) 4-Nitroaniline	15.604	138	20667	28.752	ng/ul#	86
67) N-Nitrosodiphenylamine	15.739	169	138807	20.036	ng/ul	98
68) 4-Bromophenyl-phenylether	16.409	248	58723	19.972	ng/ul	93
69) Hexachlorobenzene	16.486	284	71436	19.874	ng/ul	97
70) Atrazine	16.692	200	34078	12.770	ng/ul	99
71) Pentachlorophenol	16.856	266	34601	16.717	ng/ul	99
72) Phenanthrene	17.356	178	278112	20.154	ng/ul	98
74) Anthracene	17.356	178	274965	19.810	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	84520	21.639	ng/uL	98
76) Pentachlorobenzene	14.762	250	86879	21.199	ng/uL	97
78) Di-n-butylphthalate	18.168	149	315337	18.815	ng/ul	98
80) Fluoranthene	19.280	202	341886	35.336	ng/ul	98
82) Pyrene	19.650	202	370396	36.105	ng/ul	100
83) Butylbenzylphthalate	20.533	149	143549	32.760	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.344	252	100612	30.337	ng/ul	99
85) Benzo(a)anthracene	21.391	228	368368	36.213	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	213967	32.184	ng/ul	98
87) Chrysene	21.444	228	360608	36.553	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	375945	32.145	ng/ul	100
90) Benzo(b)fluoranthene	23.038	252	368880	37.333	ng/ul	98
91) Benzo(k)fluoranthene	23.085	252	389334	37.015	ng/ul	99
93) Benzo(a)pyrene	23.662	252	362237	37.623	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.215	276	446603	37.323	ng/ul	99
95) Dibenzo(a,h)anthracene	26.232	278	366558	36.950	ng/ul#	97
96) Benzo(g,h,i)perylene	26.985	276	354479	37.306	ng/ul	97

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

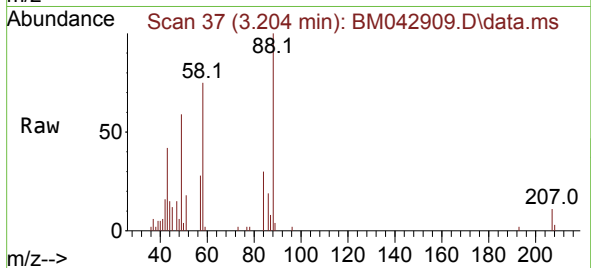
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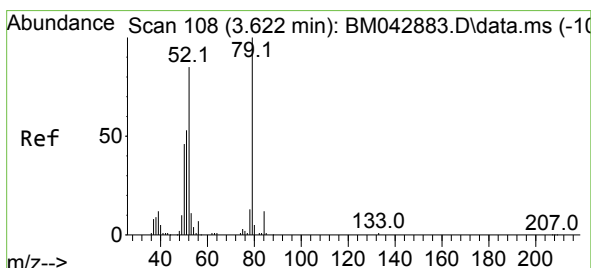
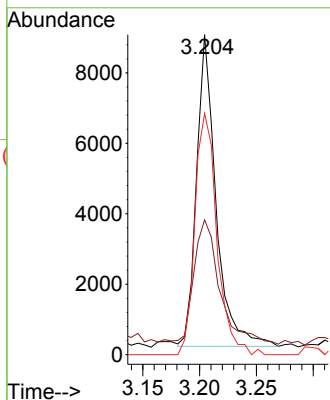
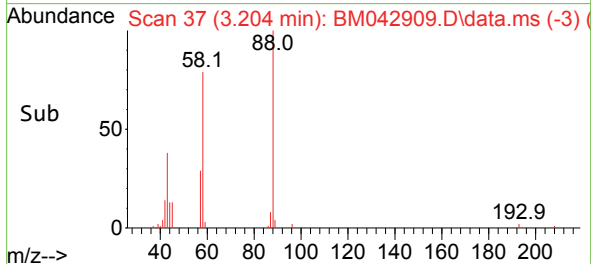


#2
1,4-Dioxane
Concen: 14.922 ng/uL
RT: 3.204 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Instrument :
BNA_M
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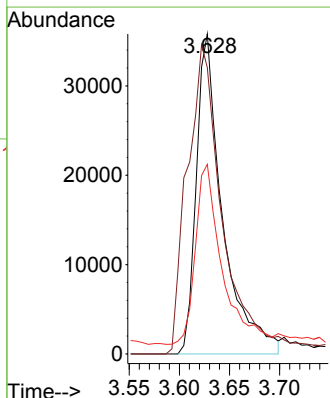
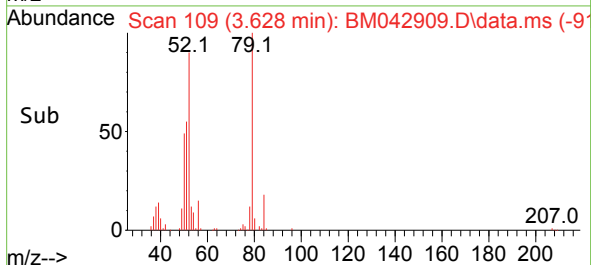
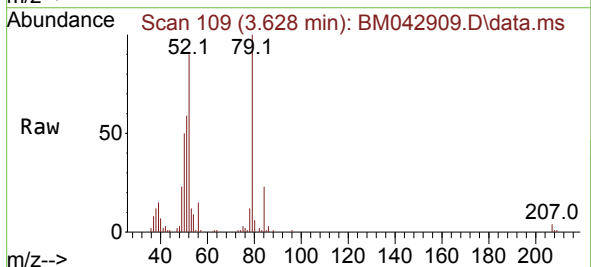


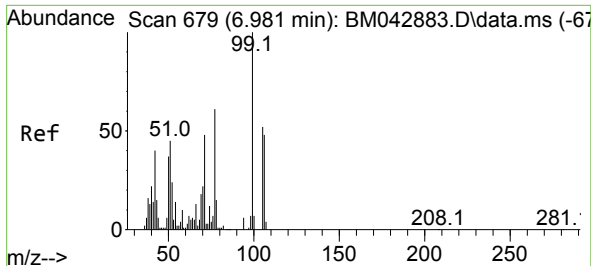
Tgt Ion: 88 Resp: 10567
Ion Ratio Lower Upper
88 100
43 42.2 34.3 51.5
58 75.4 59.4 89.0



#5
Pyridine
Concen: 36.343 ng/uL
RT: 3.628 min Scan# 109
Delta R.T. 0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion: 79 Resp: 65366
Ion Ratio Lower Upper
79 100
52 89.5 74.6 111.8
51 59.3 44.6 67.0

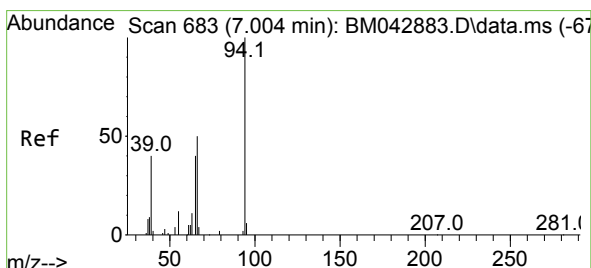
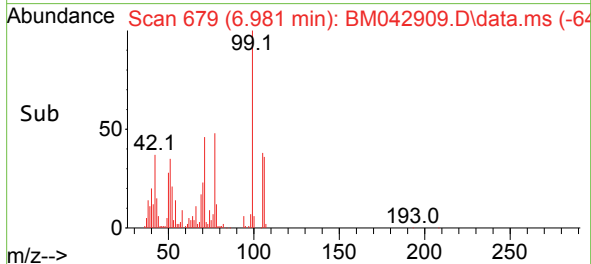
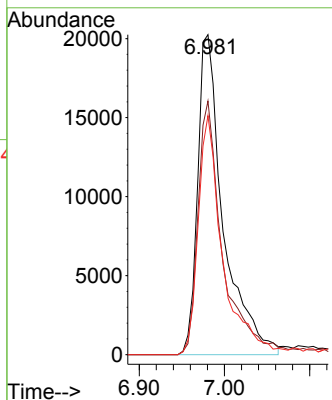
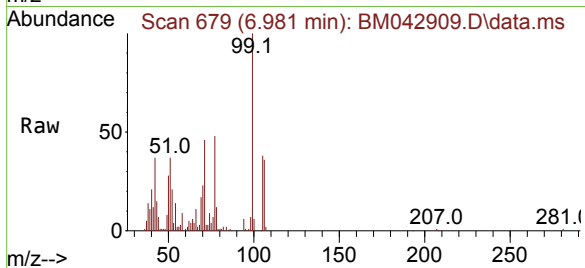




#6
Benzaldehyde
Concen: 36.425 ng/ul
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

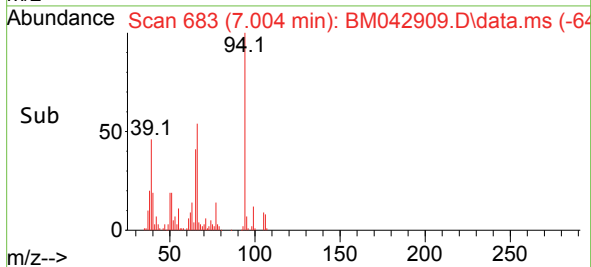
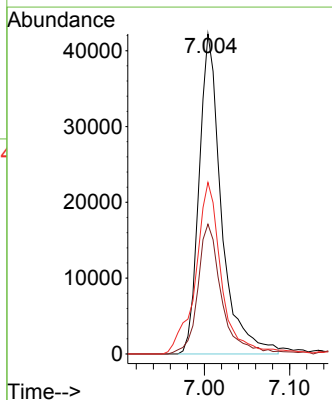
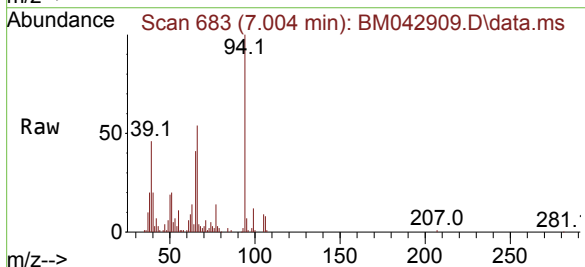
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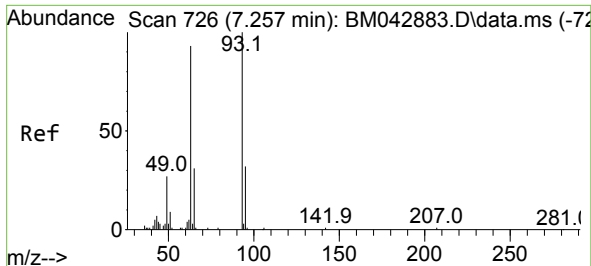
Tgt Ion: 77 Resp: 42438
Ion Ratio Lower Upper
77 100
105 79.2 69.6 104.4
106 74.7 64.2 96.2



#8
Phenol
Concen: 38.032 ng/ul
RT: 7.004 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion: 94 Resp: 76822
Ion Ratio Lower Upper
94 100
65 40.5 30.3 45.5
66 53.6 39.9 59.9

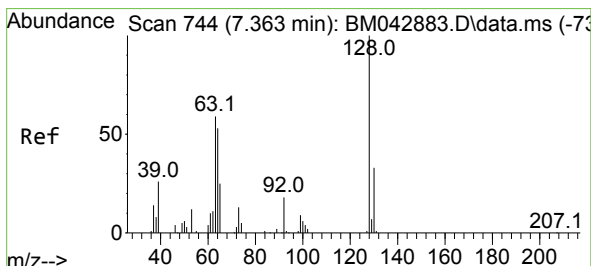
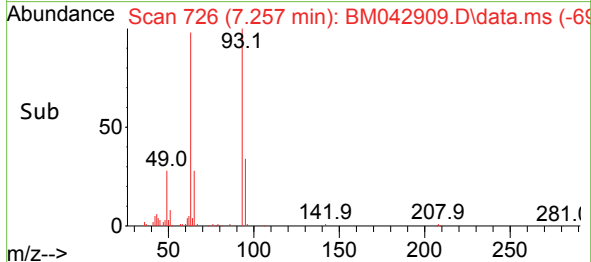
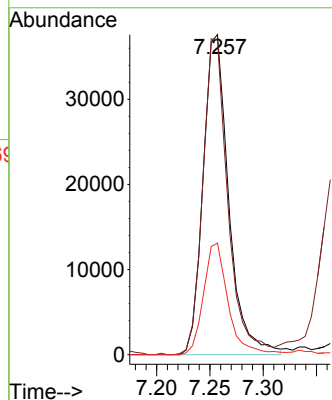
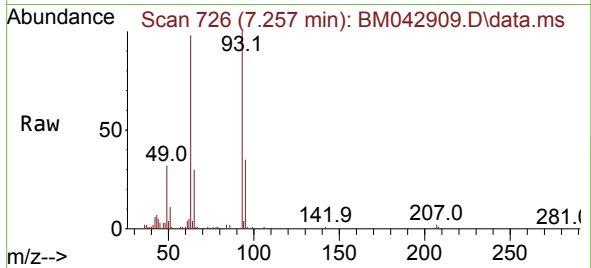




#10
Bis(2-Chloroethyl)ether
Concen: 37.648 ng/ul
RT: 7.257 min Scan# 726
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

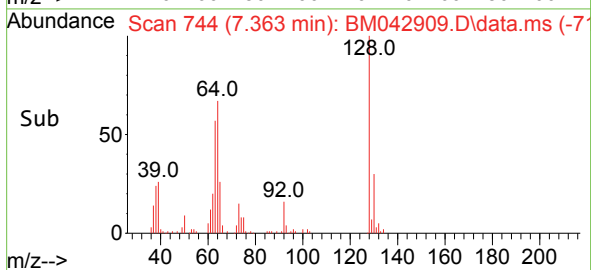
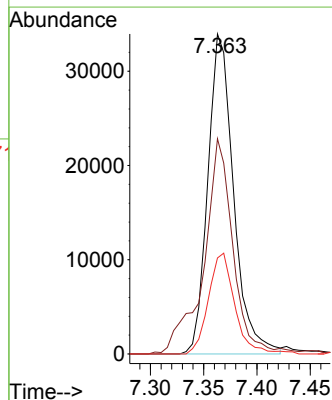
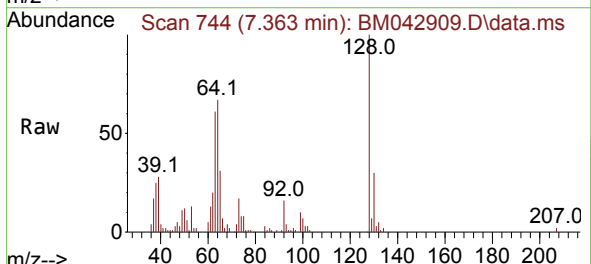
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ClientSampleId :

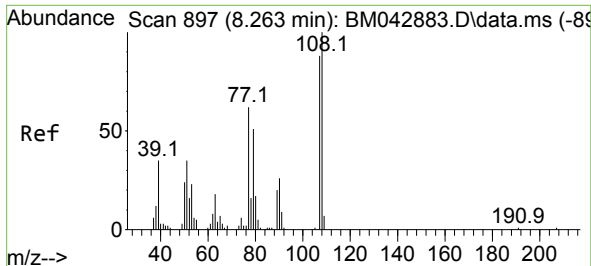
Tgt Ion: 93 Resp: 62815
Ion Ratio Lower Upper
93 100
63 98.4 68.6 102.8
95 34.8 24.8 37.2



#12
2-Chlorophenol
Concen: 36.685 ng/ul
RT: 7.363 min Scan# 744
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion:128 Resp: 57205
Ion Ratio Lower Upper
128 100
64 67.3 42.9 64.3#
130 30.0 23.9 35.9

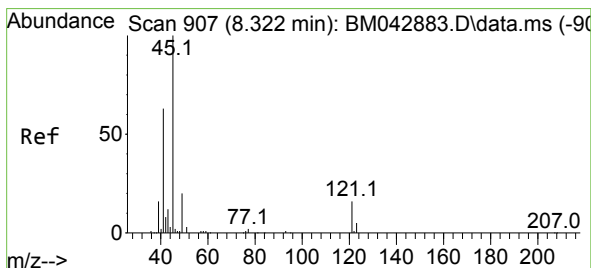
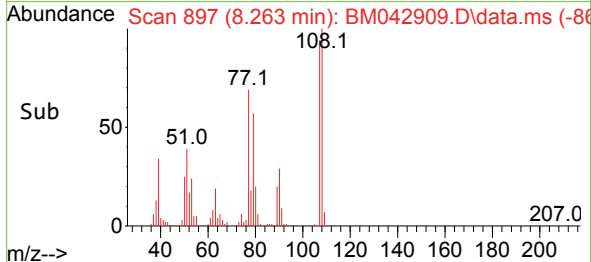
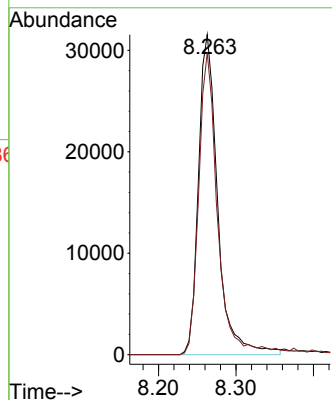
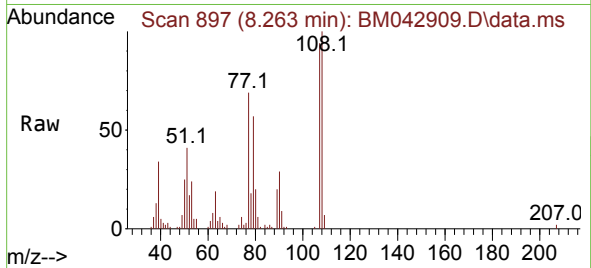




#13
2-Methylphenol
Concen: 36.032 ng/ul
RT: 8.263 min Scan# 897
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

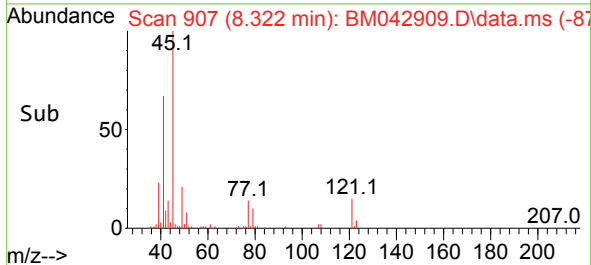
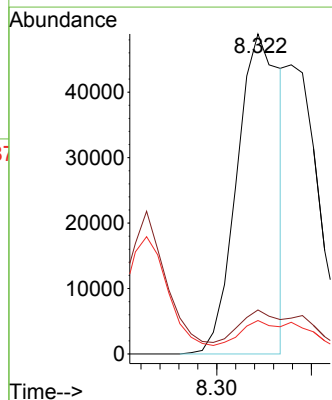
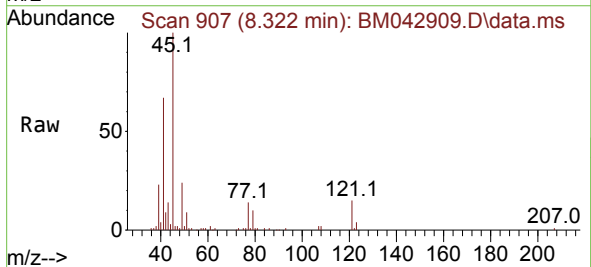
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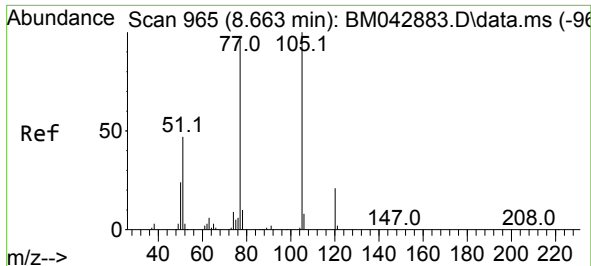
Tgt Ion:108 Resp: 54274
Ion Ratio Lower Upper
108 100
107 94.4 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 25.492 ng/ul
RT: 8.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion: 45 Resp: 77429
Ion Ratio Lower Upper
45 100
77 13.8 12.2 18.2
79 10.4 8.2 12.2

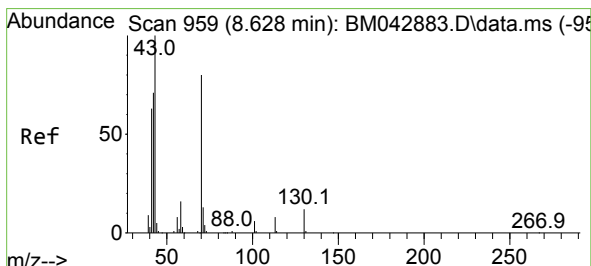
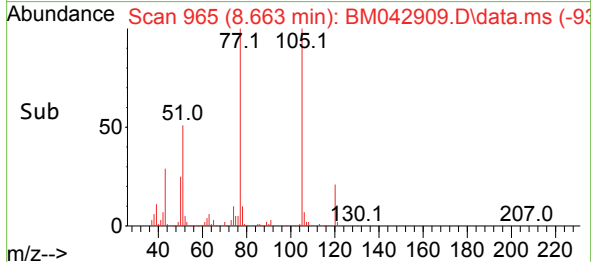
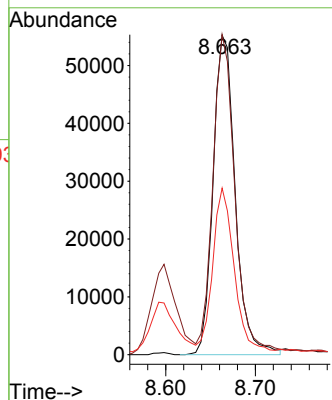
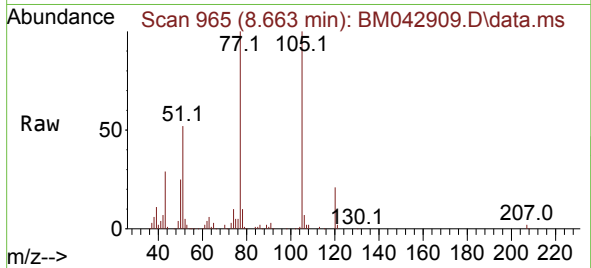




#16
Acetophenone
Concen: 35.237 ng/ul
RT: 8.663 min Scan# 965
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

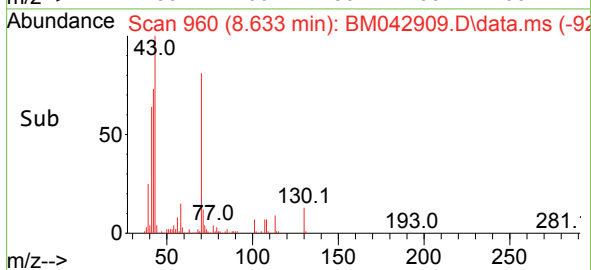
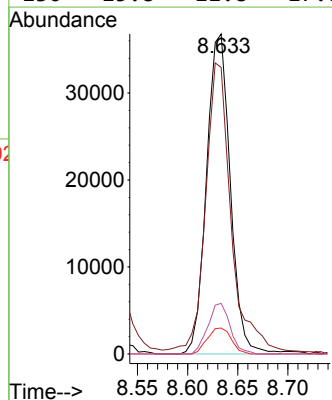
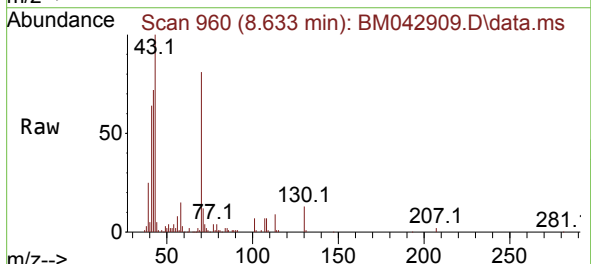
Instrument :
BNA_M
ClientSampleId :

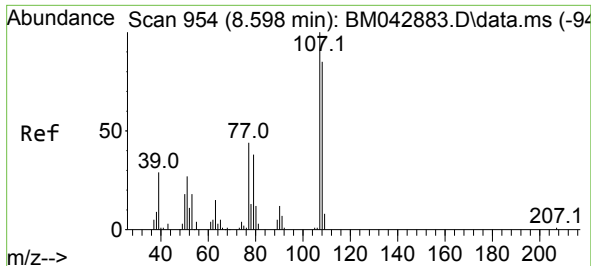
Tgt Ion:105 Resp: 94735
Ion Ratio Lower Upper
105 100
77 100.1 71.6 107.4
51 52.1 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 37.126 ng/ul
RT: 8.633 min Scan# 960
Delta R.T. 0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion: 70 Resp: 60762
Ion Ratio Lower Upper
70 100
42 89.5 63.0 94.6
101 8.1 7.0 10.4
130 15.8 11.8 17.8

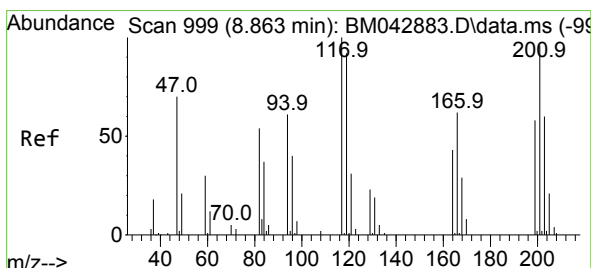
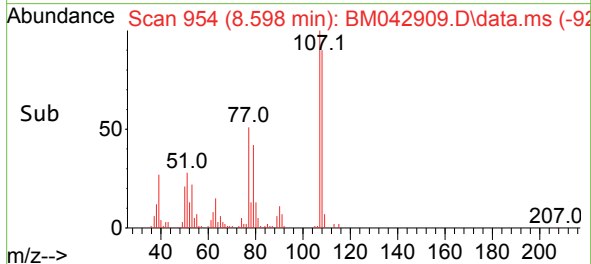
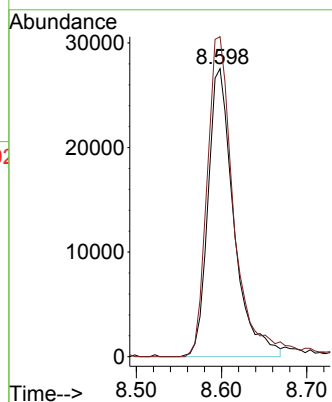
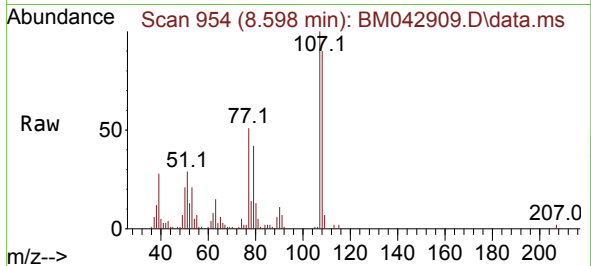




#18
4-Methylphenol
Concen: 35.410 ng/ul
RT: 8.598 min Scan# 918
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

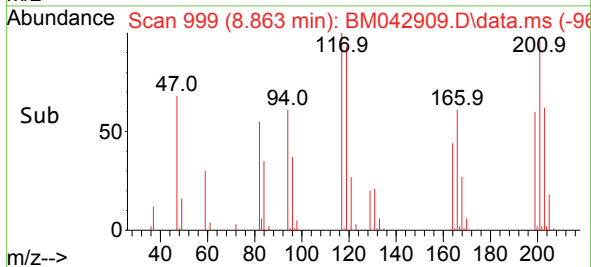
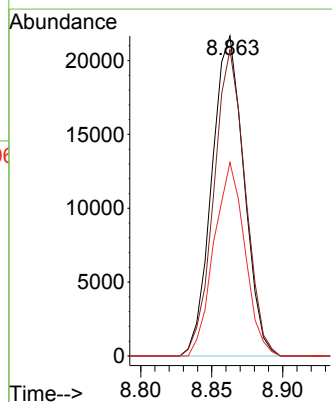
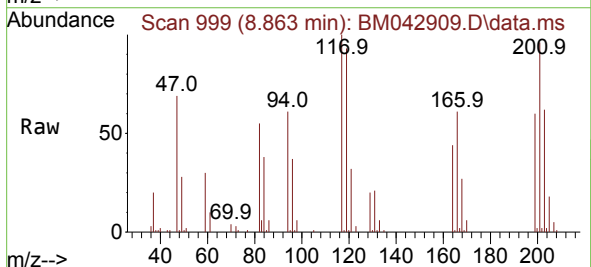
Instrument :
BNA_M
ClientSampleId :

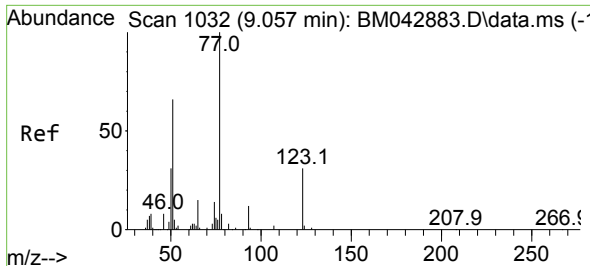
Tgt Ion:108 Resp: 57989
Ion Ratio Lower Upper
108 100
107 111.1 89.4 134.0



#19
Hexachloroethane
Concen: 39.275 ng/ul
RT: 8.863 min Scan# 999
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion:117 Resp: 34135
Ion Ratio Lower Upper
117 100
201 95.7 90.0 135.0
199 60.5 52.2 78.4

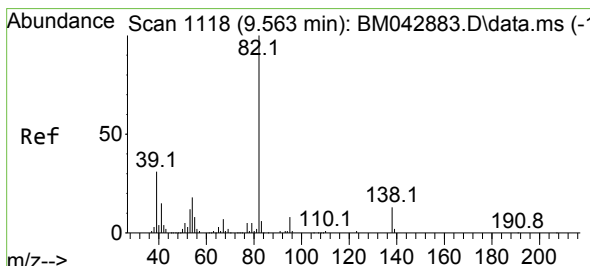
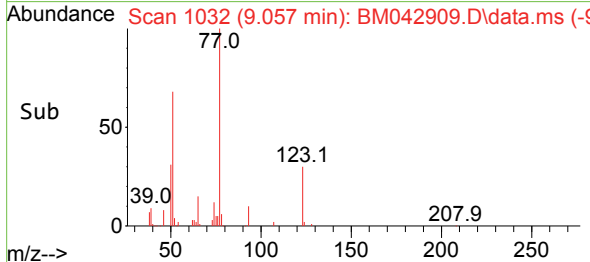
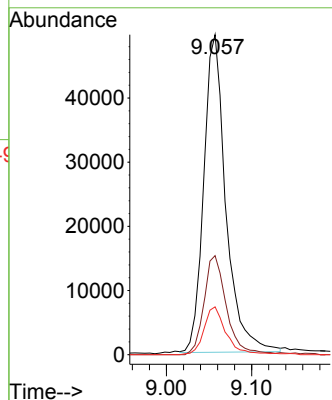
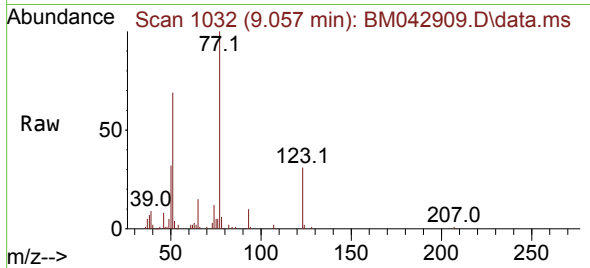




#22
Nitrobenzene
Concen: 39.586 ng/ul
RT: 9.057 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

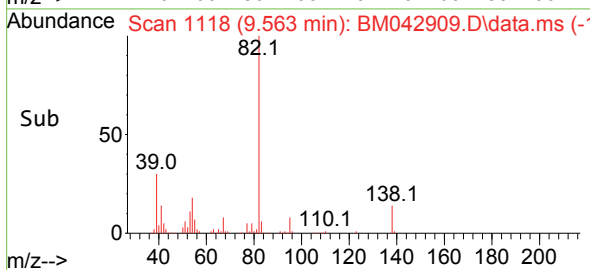
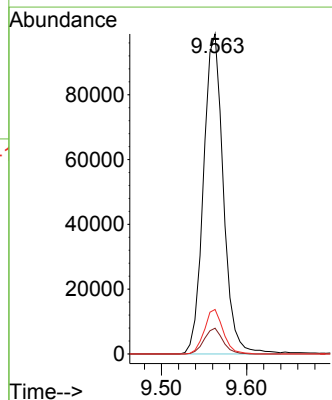
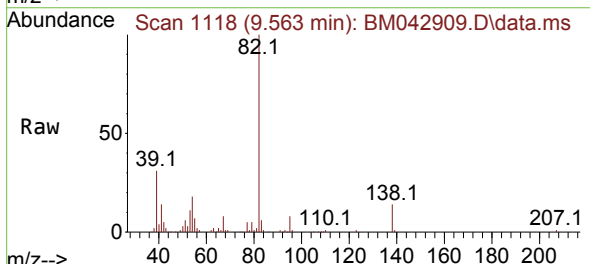
Instrument :
BNA_M
ClientSampleId :

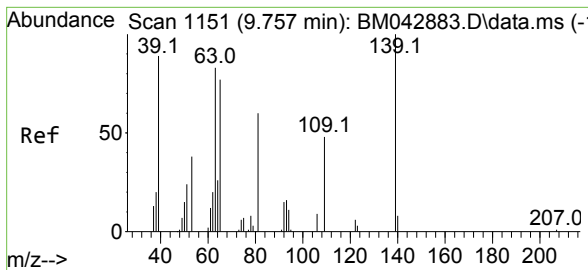
Tgt Ion: 77	Resp: 89473
Ion Ratio	Lower Upper
77 100	
123 31.0	28.4 42.6
65 14.9	12.4 18.6



#23
Isophorone
Concen: 35.549 ng/ul
RT: 9.563 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion: 82	Resp: 160031
Ion Ratio	Lower Upper
82 100	
95 8.0	6.4 9.6
138 13.9	12.1 18.1

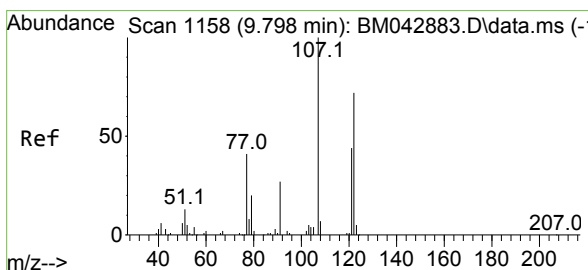
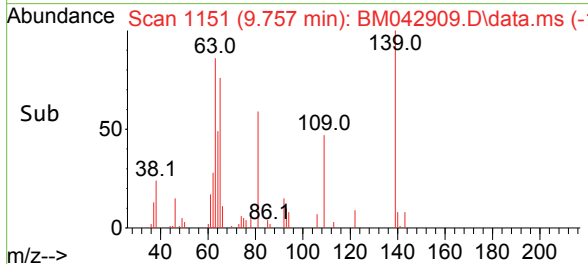
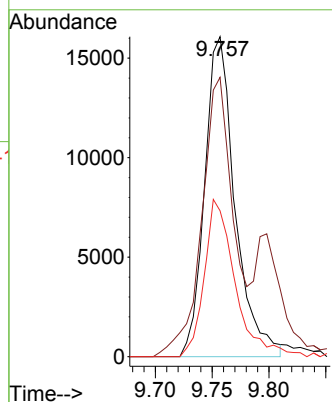
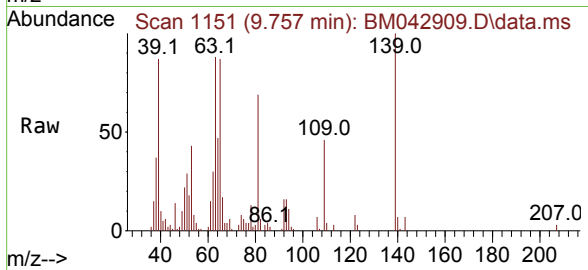




#25
2-Nitrophenol
Concen: 33.675 ng/ul
RT: 9.757 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

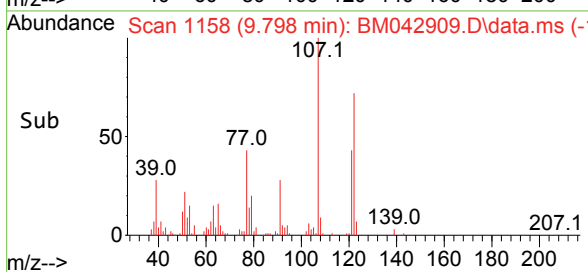
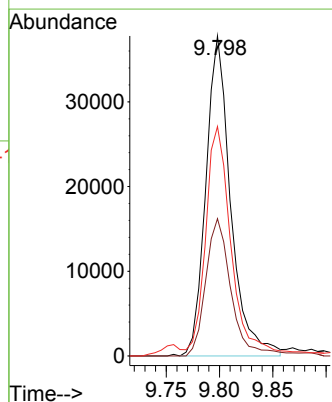
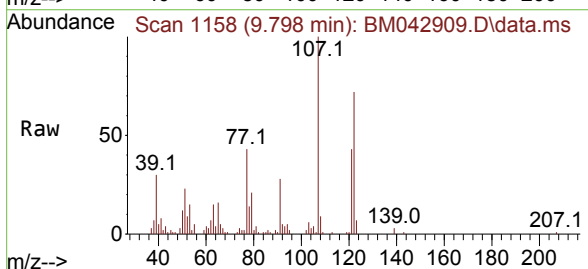
Instrument :
BNA_M
ClientSampleId :

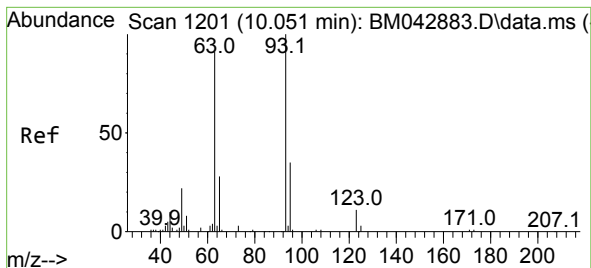
Tgt Ion:139	Resp:	29931
Ion Ratio	Lower	Upper
139	100	
65	87.3	59.1 88.7
109	45.6	33.9 50.9



#26
2,4-Dimethylphenol
Concen: 32.230 ng/ul
RT: 9.798 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion:107	Resp:	61292
Ion Ratio	Lower	Upper
107	100	
121	42.9	38.0 57.0
122	71.7	60.5 90.7

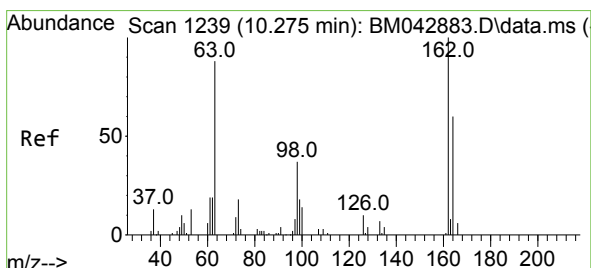
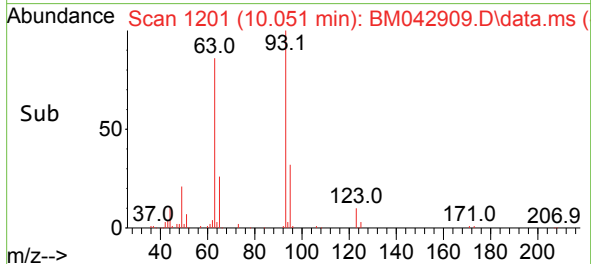
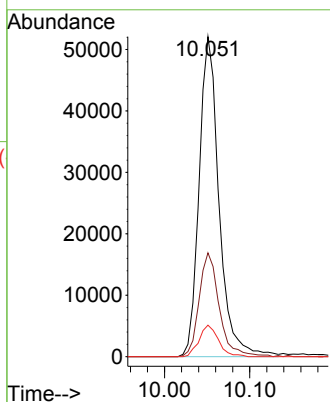
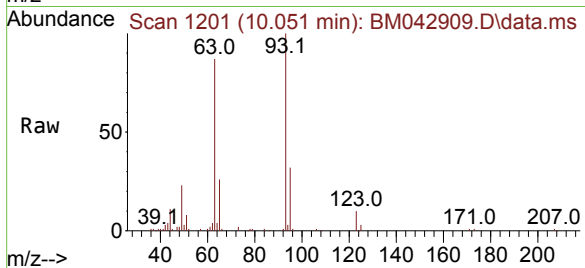




#27
 Bis(2-Chloroethoxy)methane
 Concen: 37.252 ng/ul
 RT: 10.051 min Scan# 1201
 Delta R.T. -0.000 min
 Lab File: BM042909.D
 Acq: 19 Nov 2023 16:49

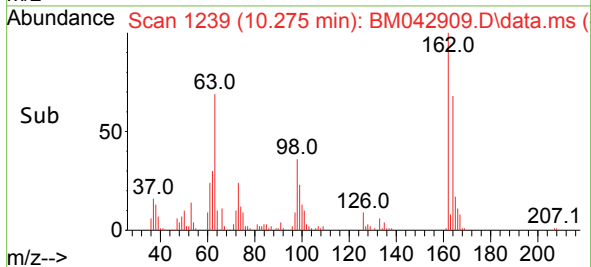
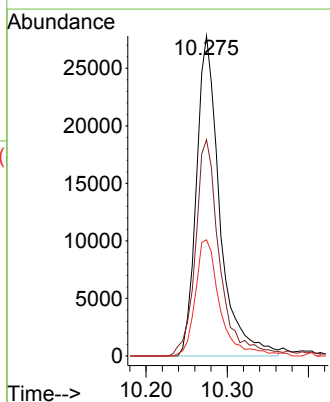
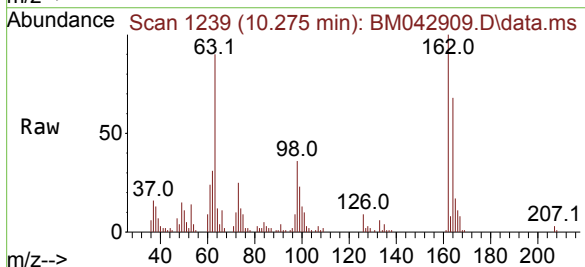
Instrument :
 BNA_M
 ClientSampleId :

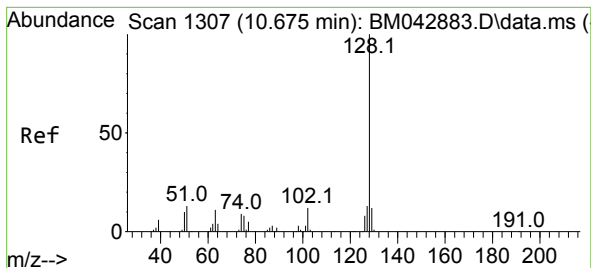
Tgt Ion: 93 Resp: 84740
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 9.9 8.2 12.2



#29
 2,4-Dichlorophenol
 Concen: 36.139 ng/ul
 RT: 10.275 min Scan# 1239
 Delta R.T. -0.000 min
 Lab File: BM042909.D
 Acq: 19 Nov 2023 16:49

Tgt Ion:162 Resp: 55657
 Ion Ratio Lower Upper
 162 100
 164 67.6 53.4 80.2
 98 36.3 28.4 42.6

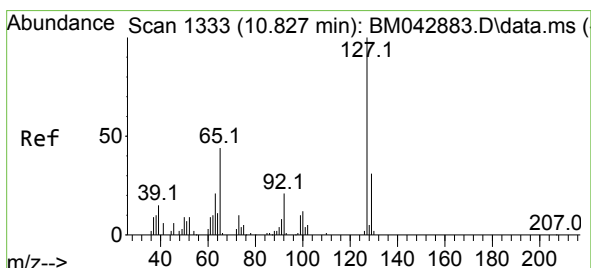
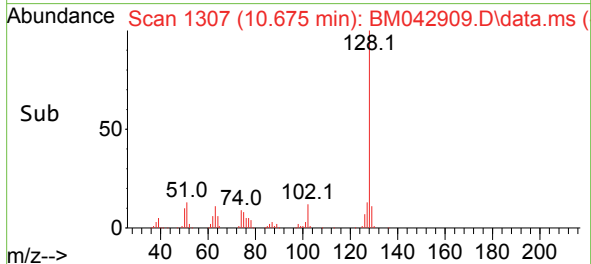
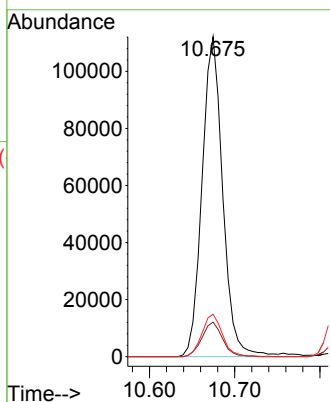
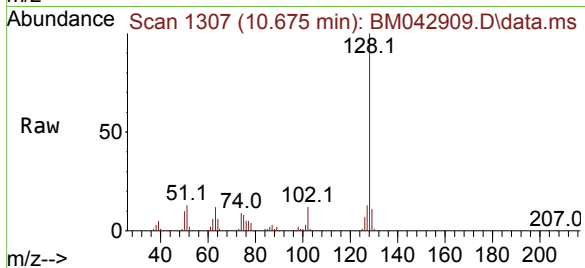




#30
Naphthalene
Concen: 35.350 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

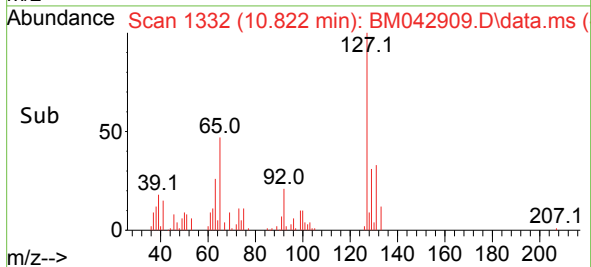
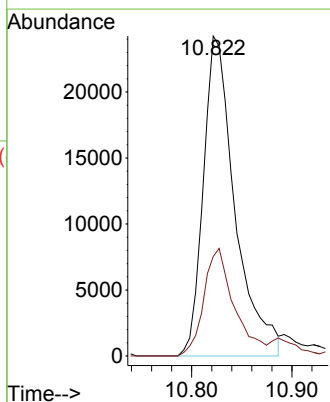
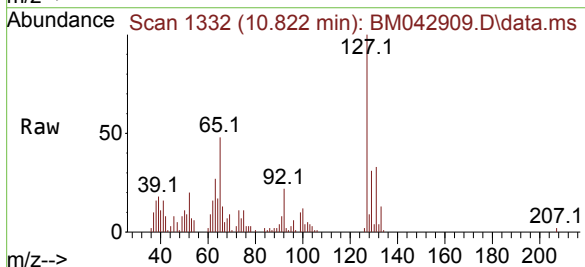
Instrument :
BNA_M
ClientSampleId :

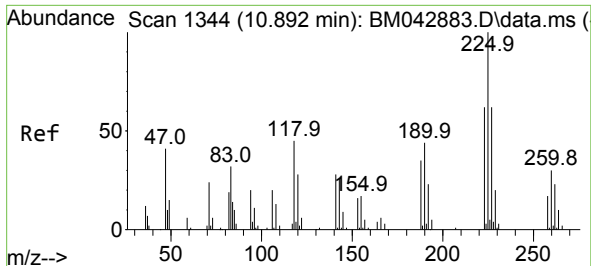
Tgt Ion:128 Resp: 188897
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 26.856 ng/ul
RT: 10.822 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion:127 Resp: 53214
Ion Ratio Lower Upper
127 100
129 31.1 26.7 40.1

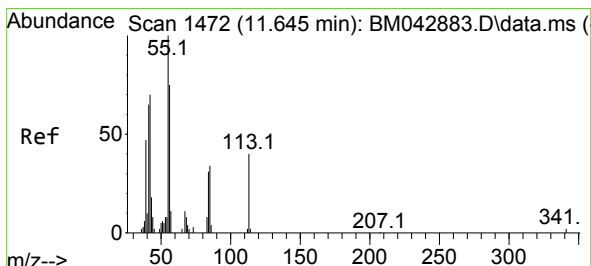
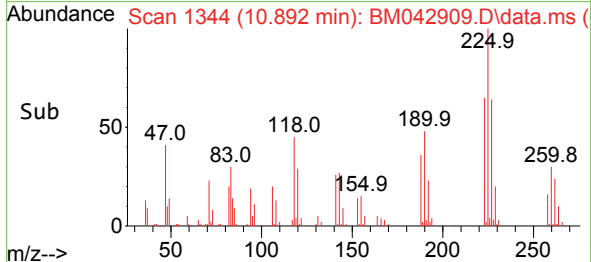
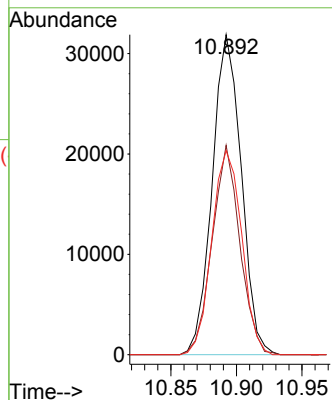
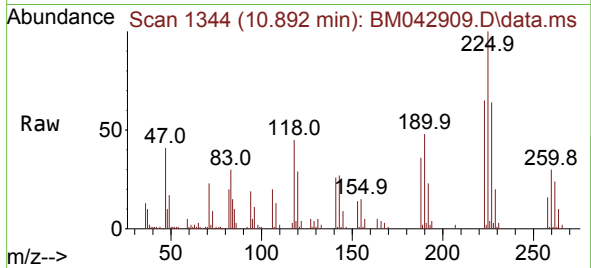




#33
Hexachlorobutadiene
Concen: 36.109 ng/ul
RT: 10.892 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

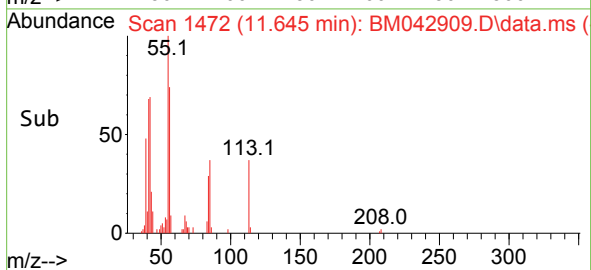
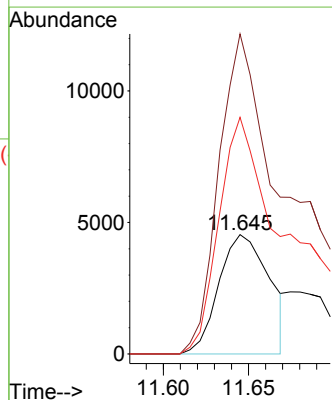
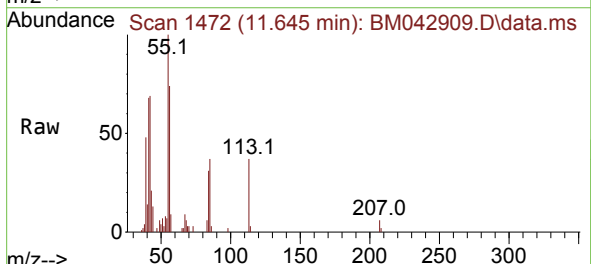
Instrument :
BNA_M
ClientSampleId :

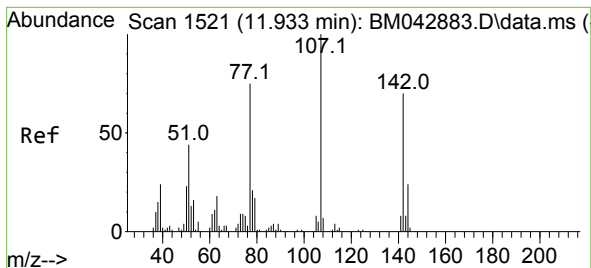
Tgt Ion:225 Resp: 49123
Ion Ratio Lower Upper
225 100
223 65.4 53.0 79.4
227 63.8 50.5 75.7



#34
Caprolactam
Concen: 20.410 ng/ul
RT: 11.645 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

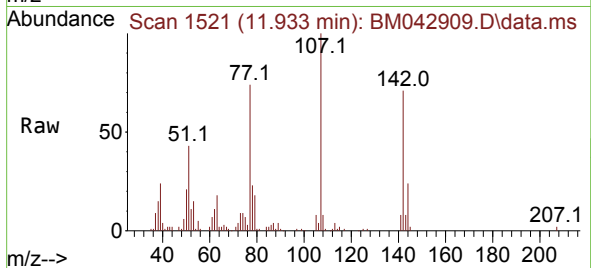
Tgt Ion:113 Resp: 9320
Ion Ratio Lower Upper
113 100
55 268.3 184.2 276.2
56 198.3 134.3 201.5



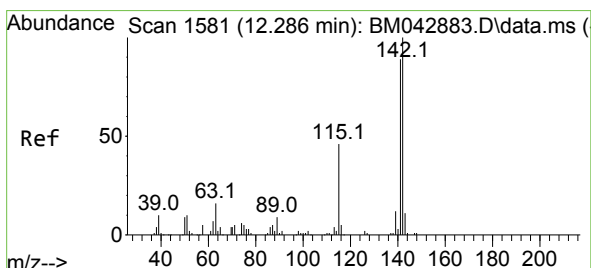
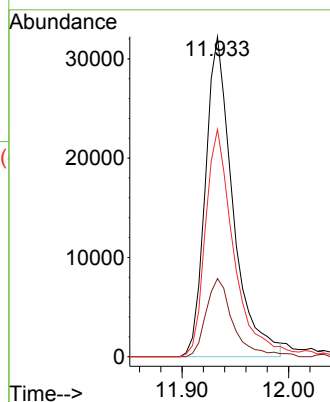
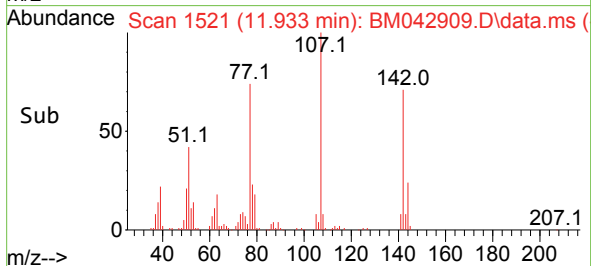


#35
4-Chloro-3-methylphenol
Concen: 35.054 ng/ul
RT: 11.933 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

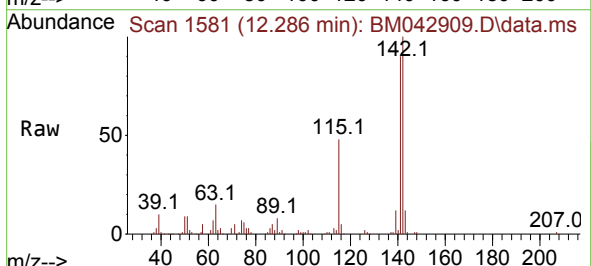
Instrument :
BNA_M
ClientSampleId :



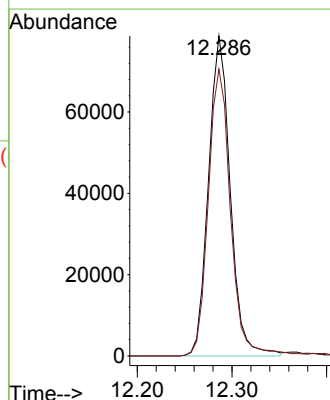
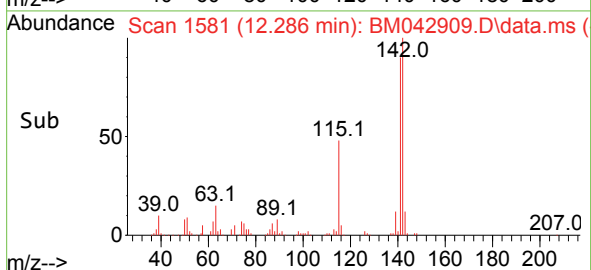
Tgt Ion:107 Resp: 57849
Ion Ratio Lower Upper
107 100
144 24.4 18.3 27.5
142 71.1 56.3 84.5

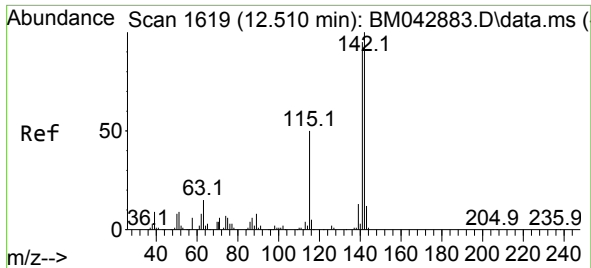


#36
2-Methylnaphthalene
Concen: 35.121 ng/ul
RT: 12.286 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49



Tgt Ion:142 Resp: 125782
Ion Ratio Lower Upper
142 100
141 89.6 73.6 110.4

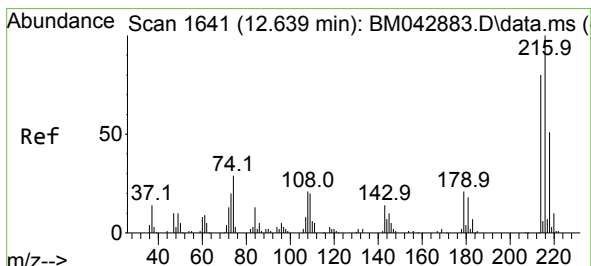
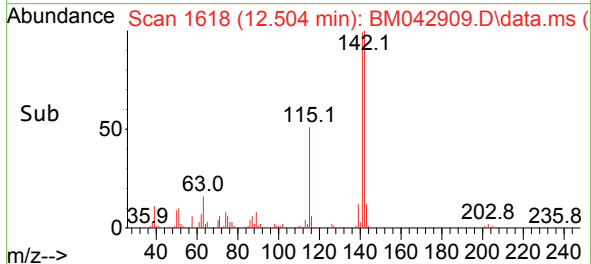
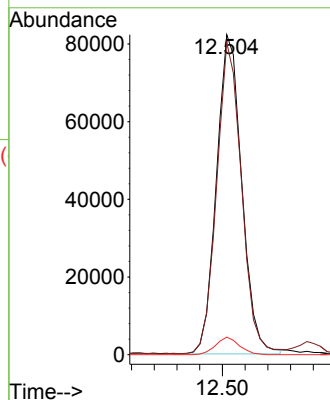
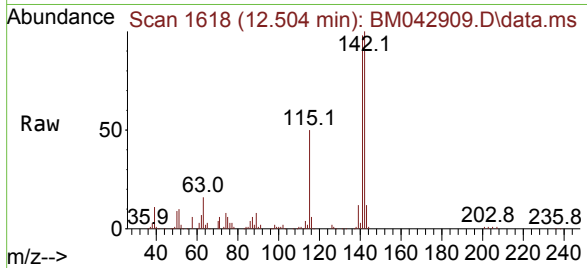




#37
1-Methylnaphthalene
Concen: 33.722 ng/ul
RT: 12.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

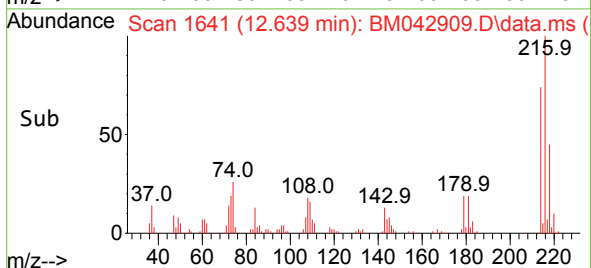
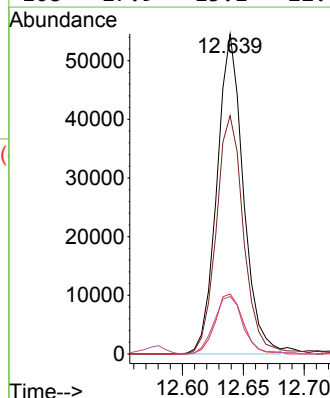
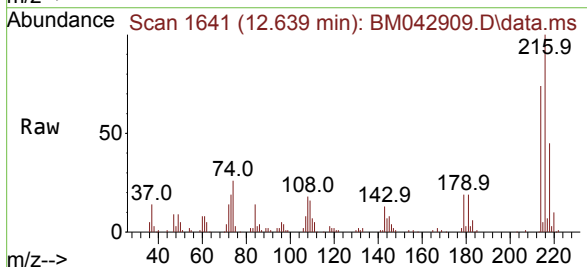
Instrument :
BNA_M
ClientSampleId :

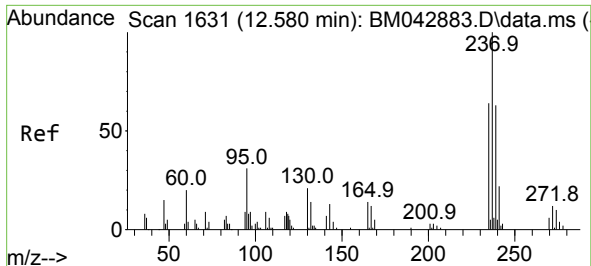
Tgt Ion:142 Resp: 126981
Ion Ratio Lower Upper
142 100
141 97.5 73.3 109.9
116 5.5 3.9 5.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.581 ng/ul
RT: 12.639 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion:216 Resp: 82059
Ion Ratio Lower Upper
216 100
214 74.5 64.1 96.1
179 18.8 15.5 23.3
108 17.9 15.1 22.7

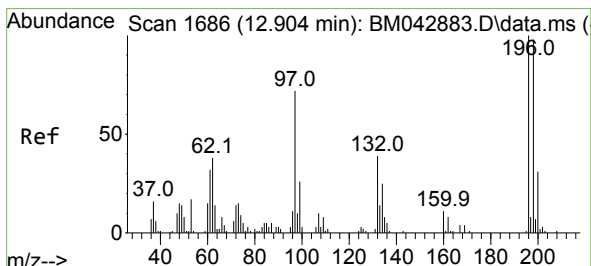
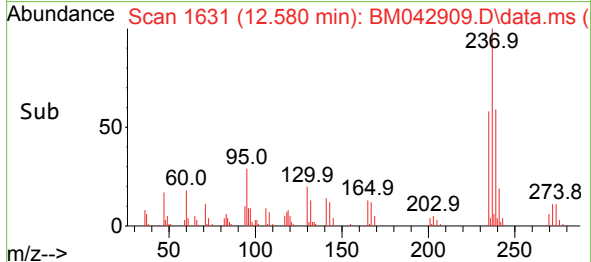
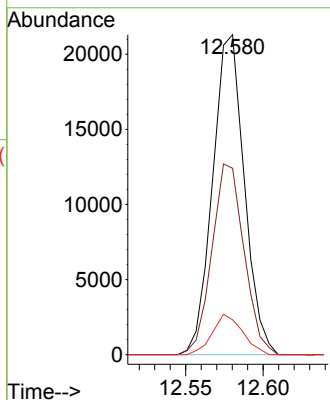
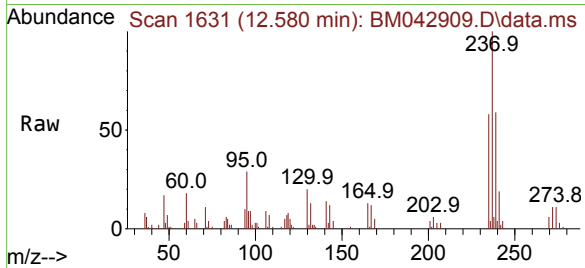




#40
Hexachlorocyclopentadiene
Concen: 29.291 ng/ul
RT: 12.580 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

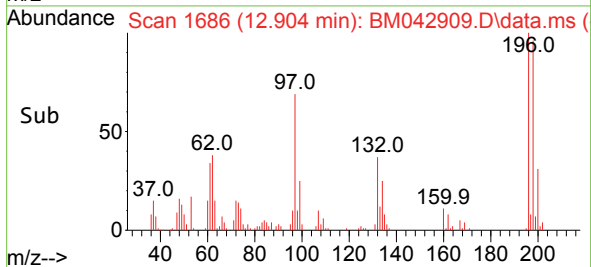
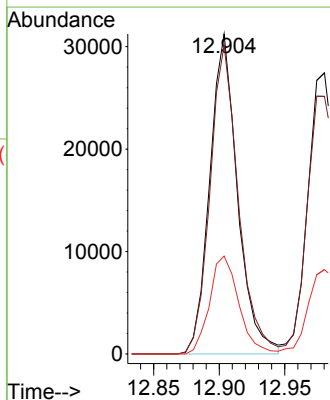
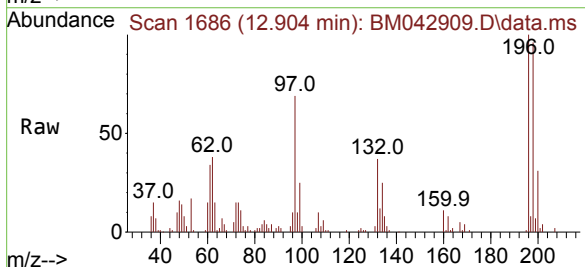
Instrument :
BNA_M
ClientSampleId :

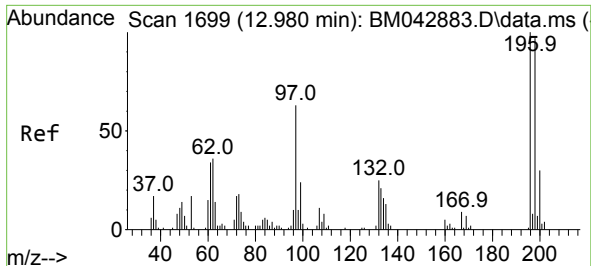
Tgt Ion:237 Resp: 30279
Ion Ratio Lower Upper
237 100
235 58.3 53.3 79.9
272 10.9 10.7 16.1



#41
2,4,6-Trichlorophenol
Concen: 34.502 ng/ul
RT: 12.904 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

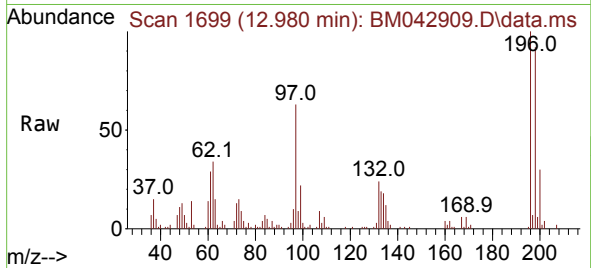
Tgt Ion:196 Resp: 46016
Ion Ratio Lower Upper
196 100
198 96.5 81.0 121.4
200 30.6 24.1 36.1



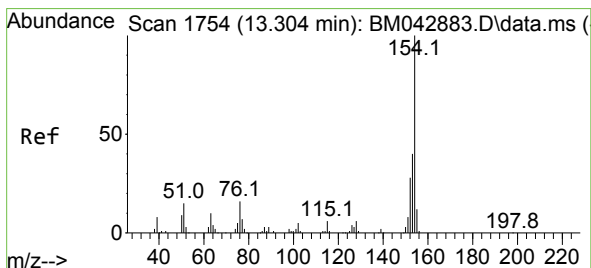
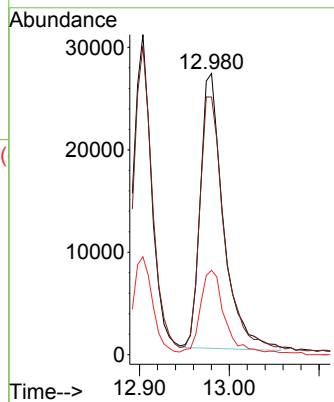
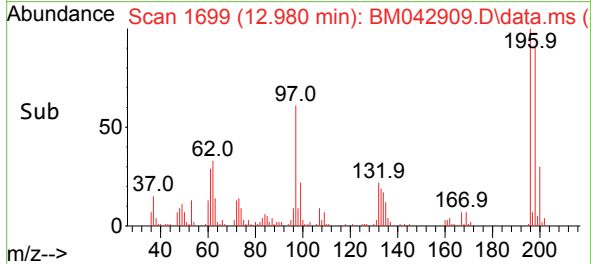


#42
2,4,5-Trichlorophenol
Concen: 37.284 ng/ul
RT: 12.980 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

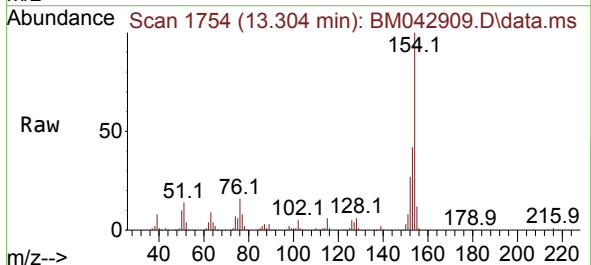
Instrument :
BNA_M
ClientSampleId :



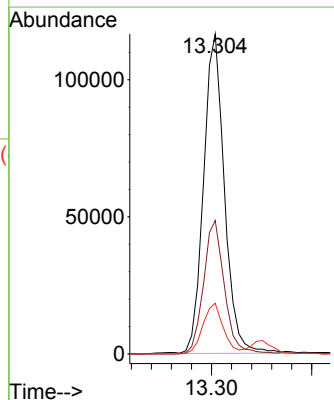
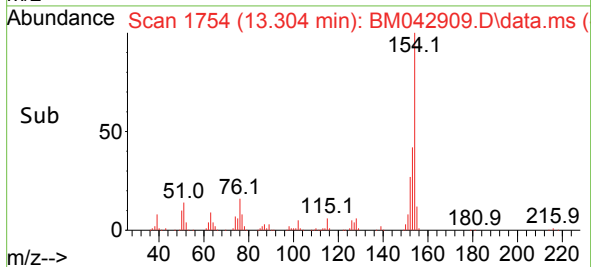
Tgt Ion:196 Resp: 48016
Ion Ratio Lower Upper
196 100
198 91.6 77.4 116.0
200 30.0 26.2 39.4

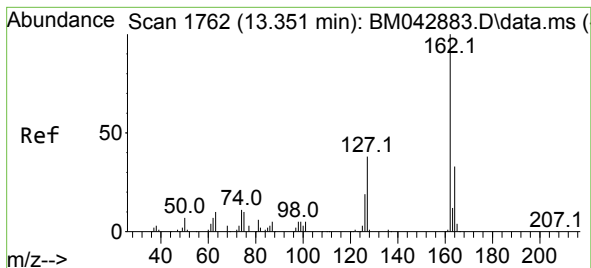


#43
1,1'-Biphenyl
Concen: 36.332 ng/ul
RT: 13.304 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49



Tgt Ion:154 Resp: 168694
Ion Ratio Lower Upper
154 100
153 41.7 32.4 48.6
76 15.9 10.7 16.1





#44

2-Chloronaphthalene

Concen: 36.470 ng/ul

RT: 13.351 min Scan# 1

Delta R.T. -0.000 min

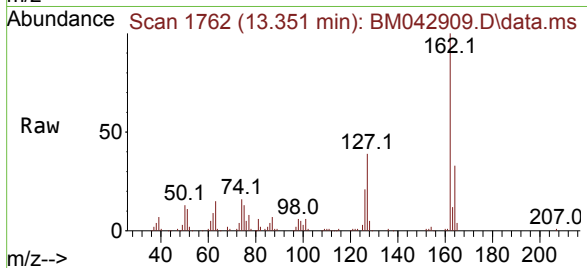
Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

Instrument :

BNA_M

ClientSampleId :



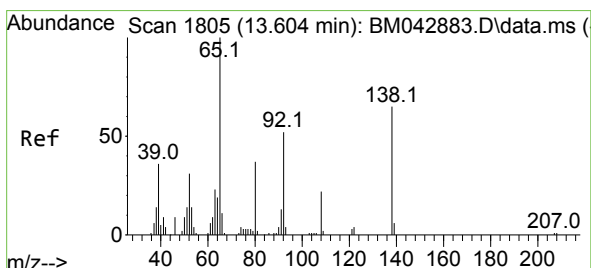
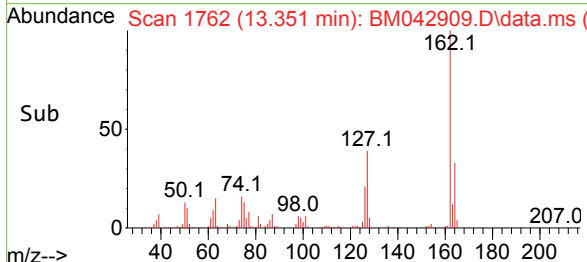
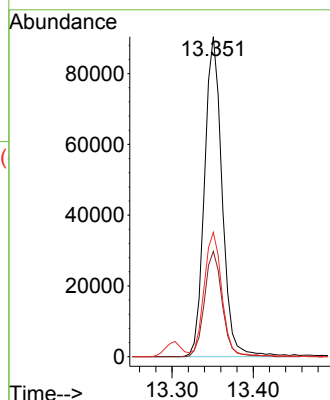
Tgt Ion:162 Resp: 136224

Ion Ratio Lower Upper

162 100

164 32.9 24.2 36.2

127 38.8 30.8 46.2



#45

2-Nitroaniline

Concen: 39.907 ng/ul

RT: 13.604 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

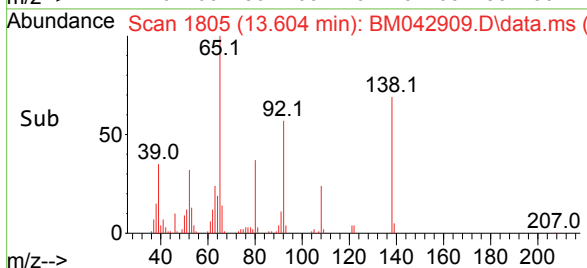
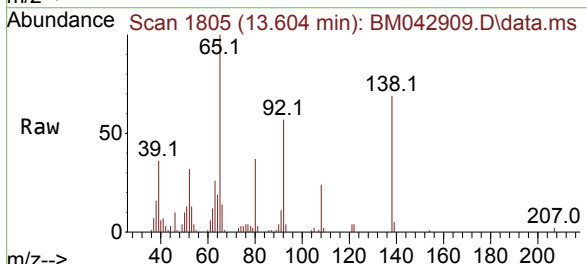
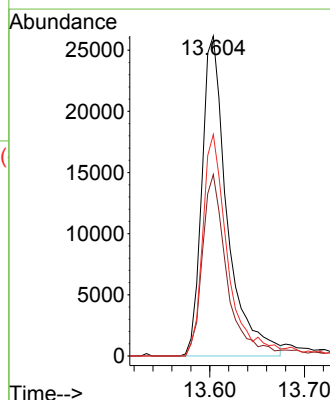
Tgt Ion: 65 Resp: 48614

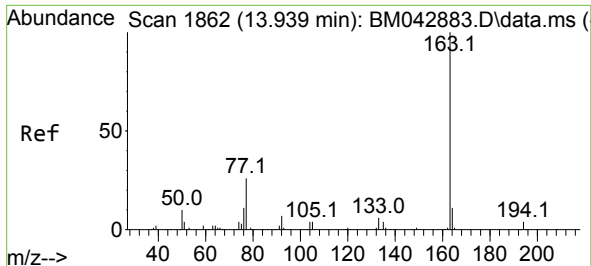
Ion Ratio Lower Upper

65 100

92 56.7 49.1 73.7

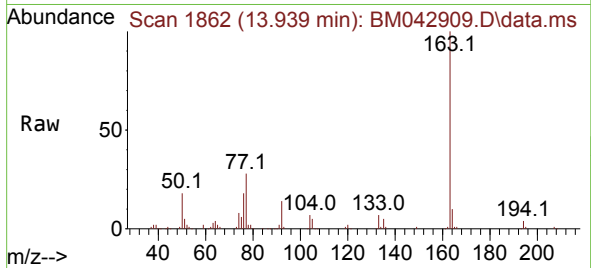
138 69.2 61.8 92.8



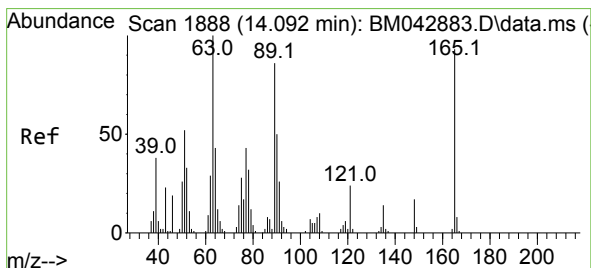
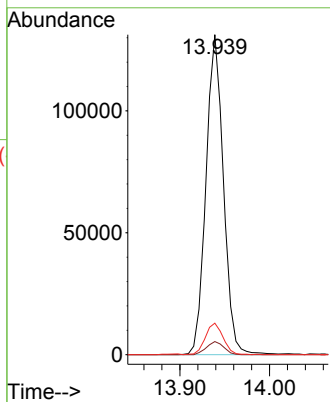
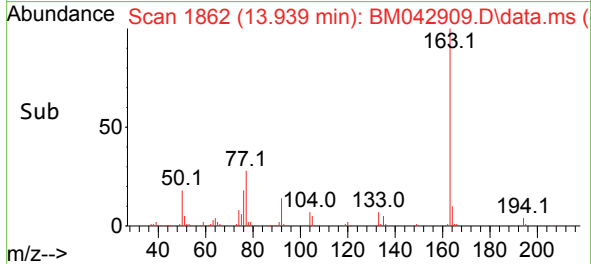


#47
Dimethylphthalate
Concen: 34.618 ng/ul
RT: 13.939 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

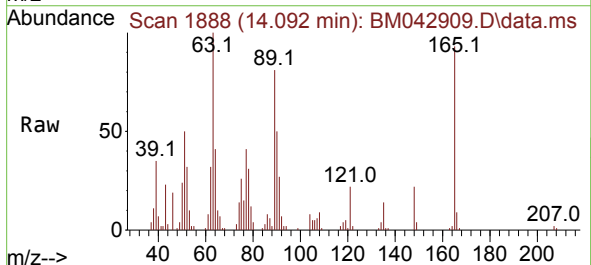
Instrument :
BNA_M
ClientSampleId :



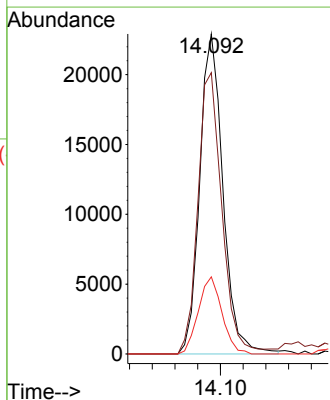
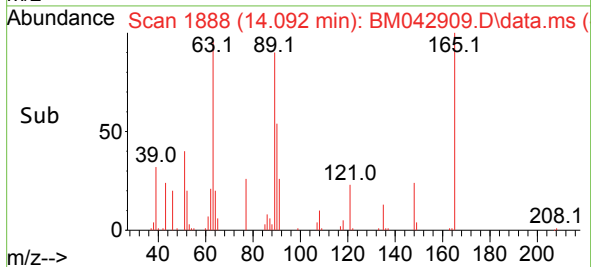
Tgt Ion:163 Resp: 177667
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 7.9 11.9

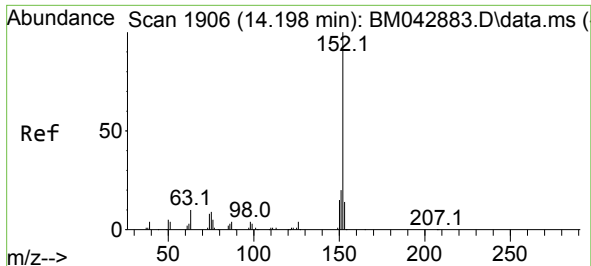


#48
2,6-Dinitrotoluene
Concen: 33.735 ng/ul
RT: 14.092 min Scan# 1888
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49



Tgt Ion:165 Resp: 32527
Ion Ratio Lower Upper
165 100
89 87.9 64.1 96.1
121 24.1 18.4 27.6

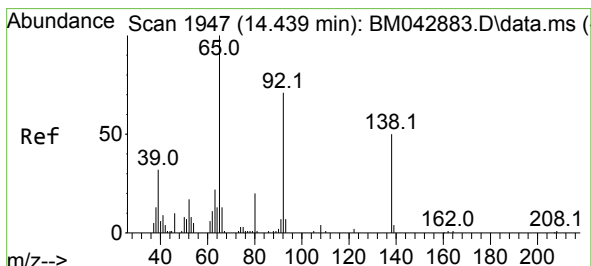
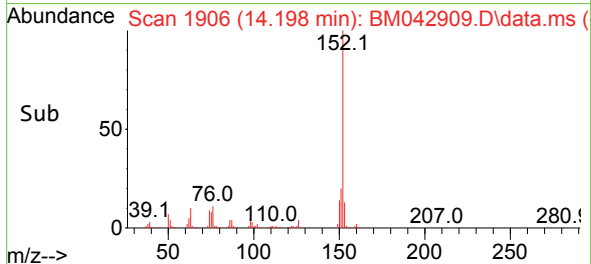
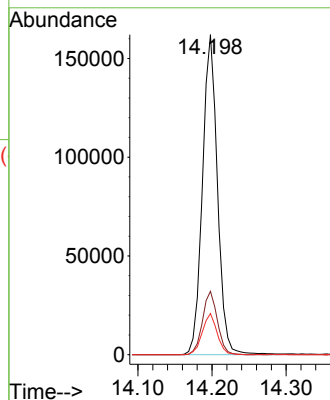
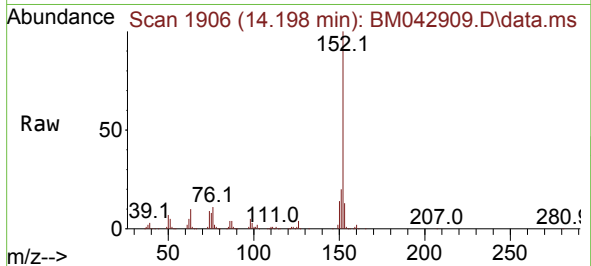




#50
Acenaphthylene
Concen: 36.092 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

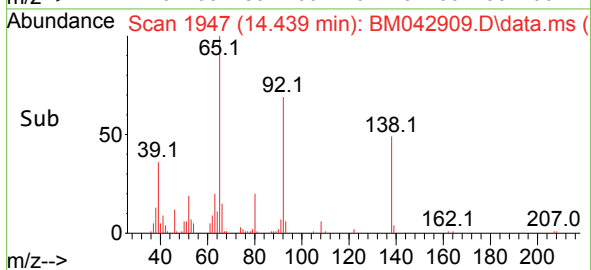
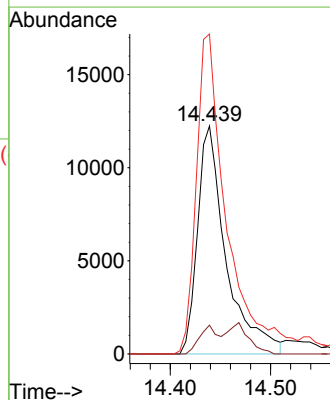
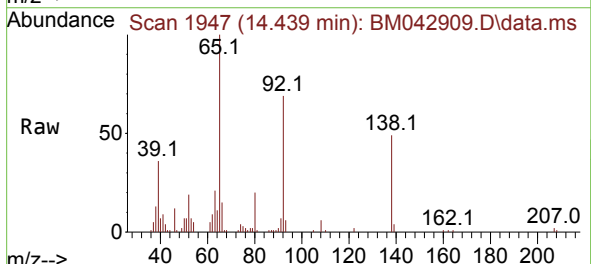
Instrument :
BNA_M
ClientSampleId :

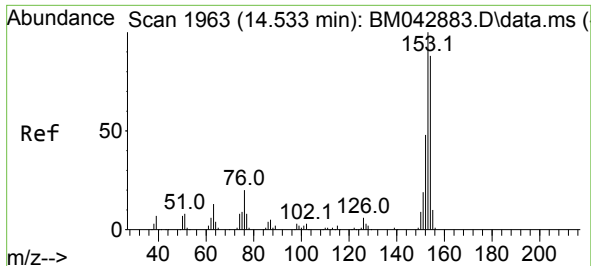
Tgt Ion:152 Resp: 228004
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 12.8 10.5 15.7



#51
3-Nitroaniline
Concen: 30.742 ng/ul
RT: 14.439 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

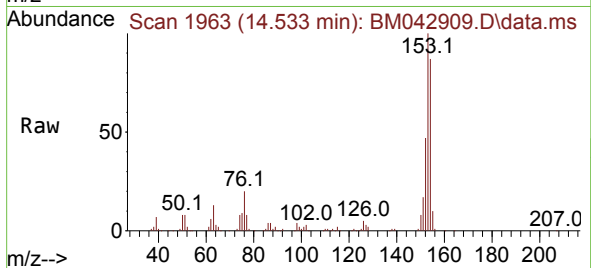
Tgt Ion:138 Resp: 24238
Ion Ratio Lower Upper
138 100
108 12.6 8.7 13.1
92 140.4 109.4 164.0



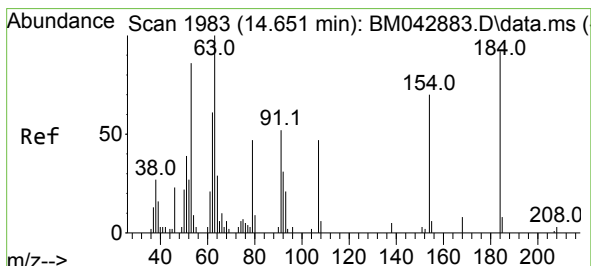
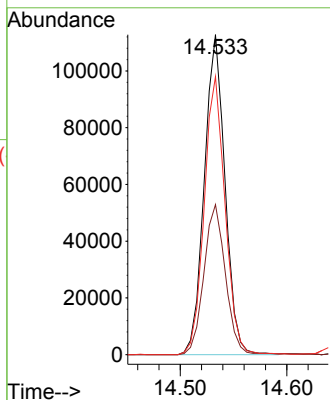
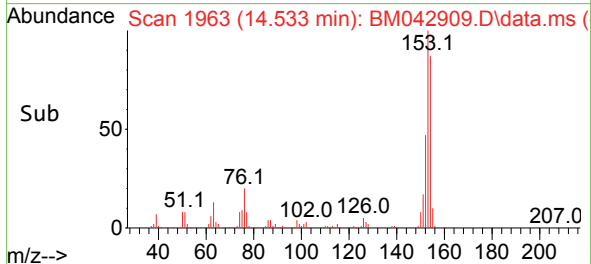


#52
Acenaphthene
Concen: 35.755 ng/ul
RT: 14.533 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

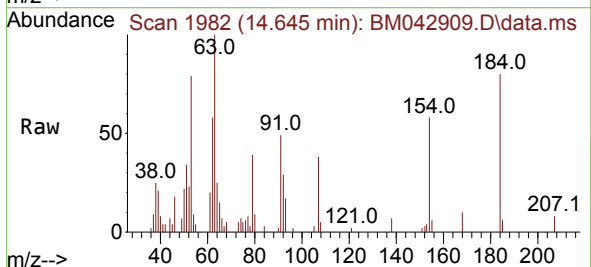
Instrument :
BNA_M
ClientSampleId :



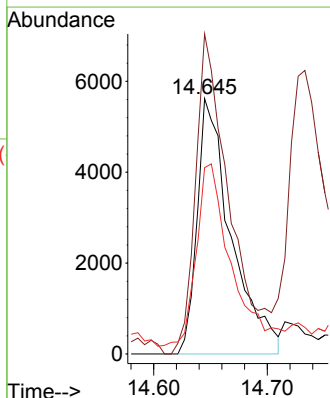
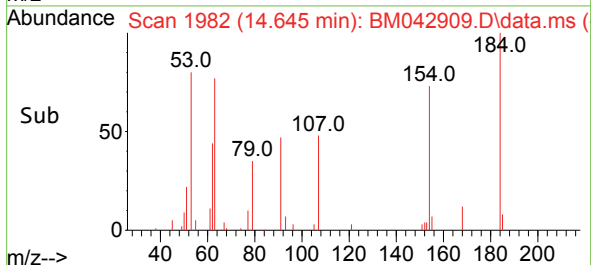
Tgt Ion:153 Resp: 152761
Ion Ratio Lower Upper
153 100
152 46.9 38.2 57.2
154 86.9 71.3 106.9

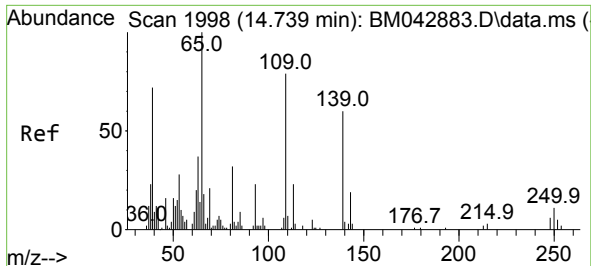


#53
2,4-Dinitrophenol
Concen: 24.363 ng/ul
RT: 14.645 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49



Tgt Ion:184 Resp: 11680
Ion Ratio Lower Upper
184 100
63 125.3 79.1 118.7#
154 72.9 65.7 98.5

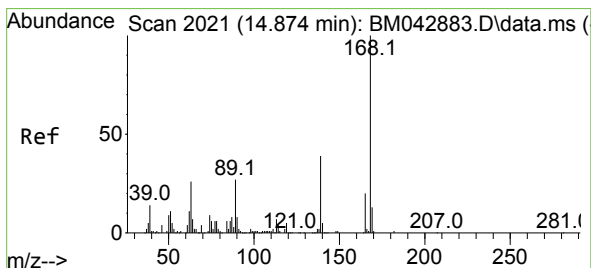
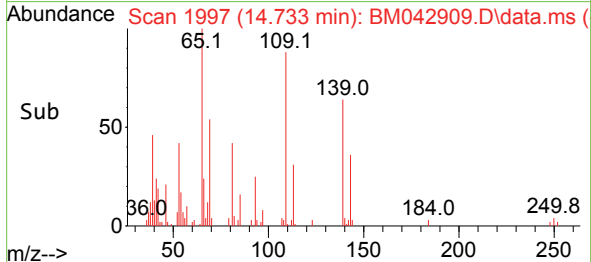
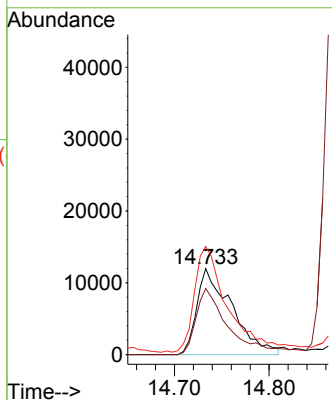
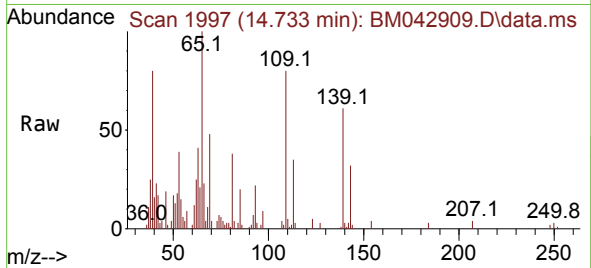




#55
4-Nitrophenol
Concen: 32.968 ng/ul
RT: 14.733 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

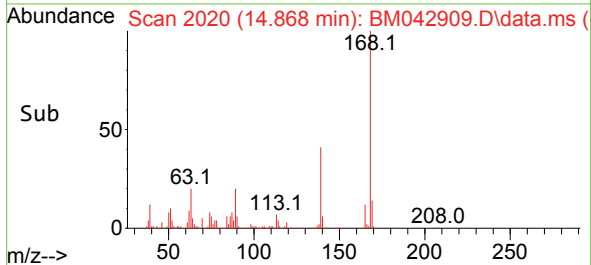
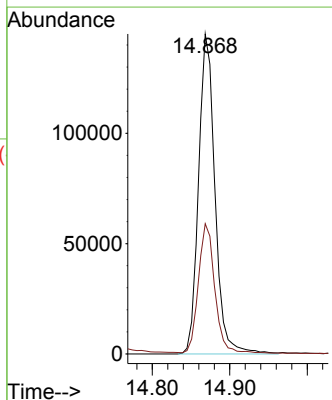
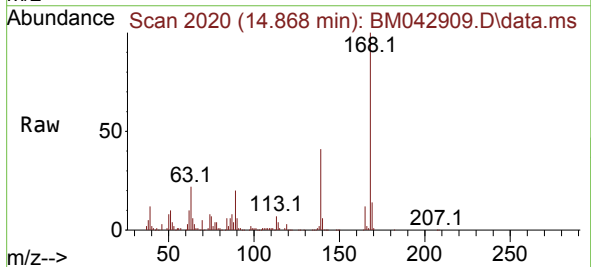
Instrument :
BNA_M
ClientSampleId :

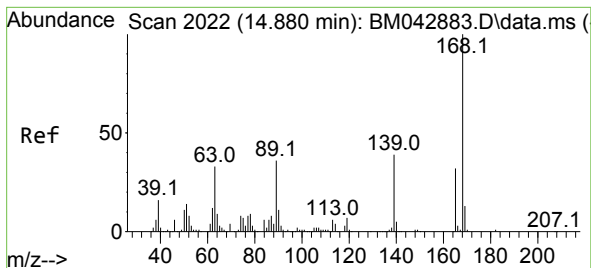
Tgt Ion:109 Resp: 30885
Ion Ratio Lower Upper
109 100
139 76.7 67.1 100.7
65 125.5 107.1 160.7



#56
Dibenzofuran
Concen: 36.024 ng/ul
RT: 14.868 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion:168 Resp: 213622
Ion Ratio Lower Upper
168 100
139 40.7 30.8 46.2

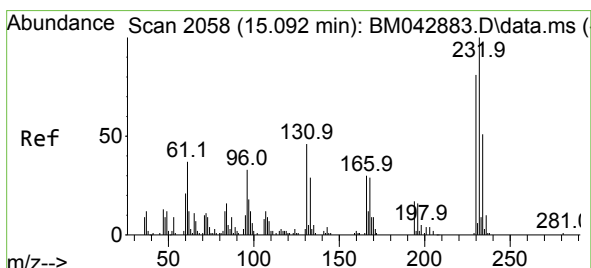
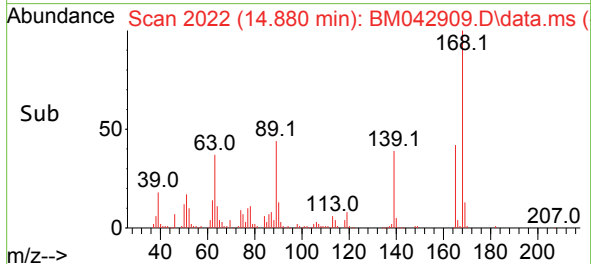
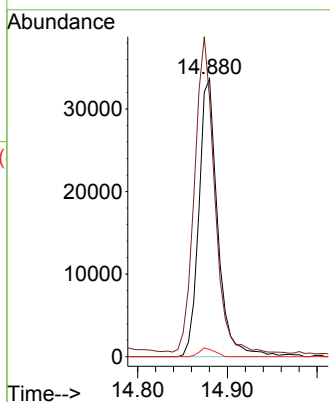
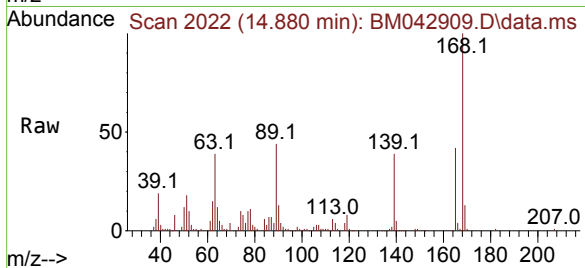




#57
2,4-Dinitrotoluene
Concen: 34.689 ng/ul
RT: 14.880 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

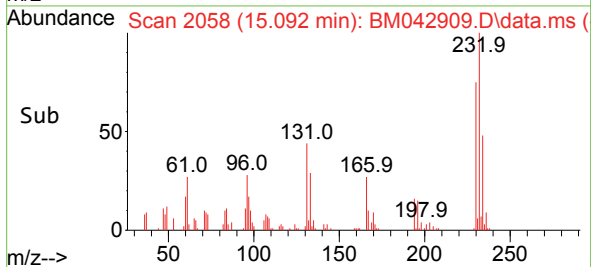
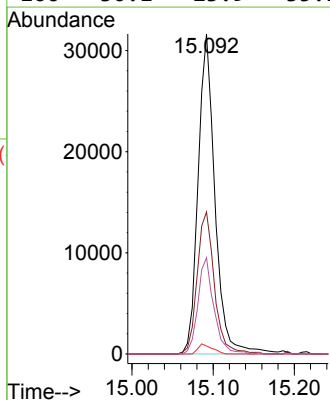
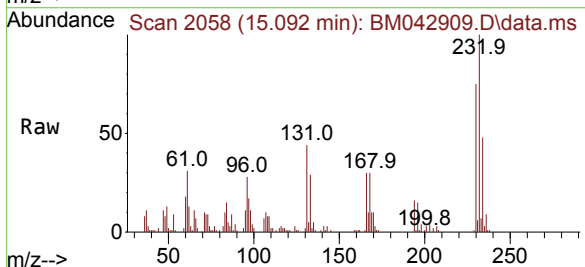
Instrument :
BNA_M
ClientSampleId :

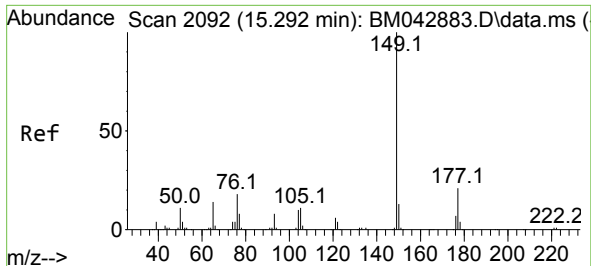
Tgt Ion:165 Resp: 49104
Ion Ratio Lower Upper
165 100
63 92.8 83.5 125.3
182 2.6 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.179 ng/ul
RT: 15.092 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

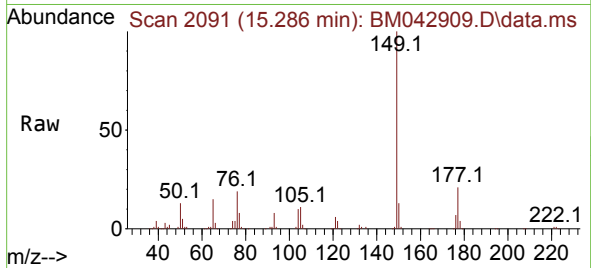
Tgt Ion:232 Resp: 45692
Ion Ratio Lower Upper
232 100
131 44.4 38.9 58.3
130 2.5 1.9 2.9
166 30.1 23.9 35.9



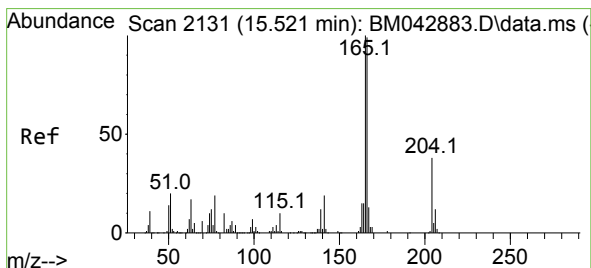
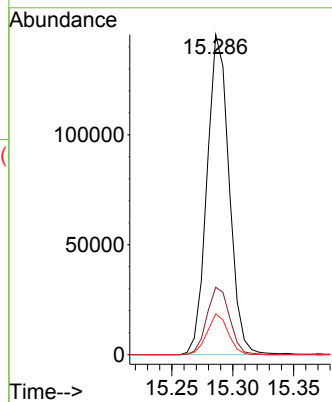
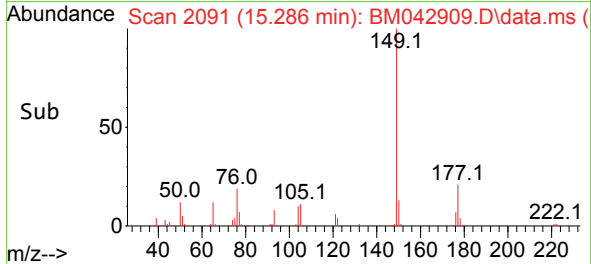


#59
Diethylphthalate
Concen: 34.117 ng/ul
RT: 15.286 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Instrument :
BNA_M
ClientSampleId :

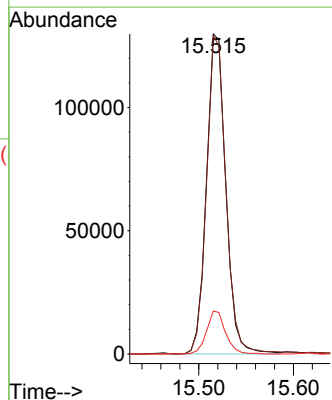
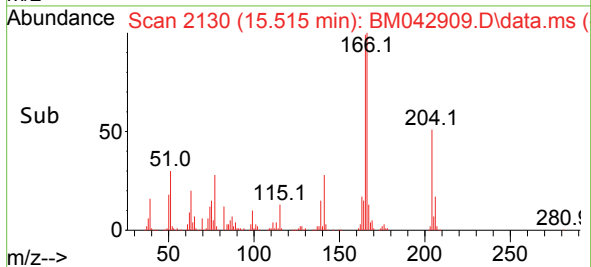
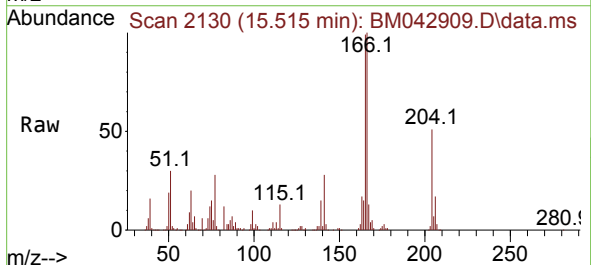


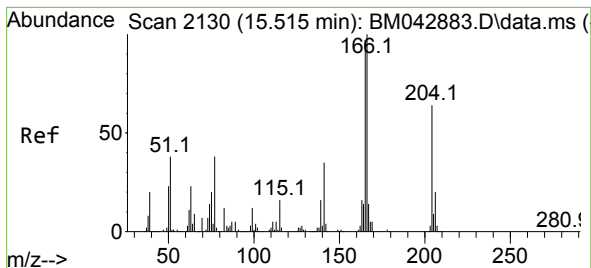
Tgt Ion:149 Resp: 183610
Ion Ratio Lower Upper
149 100
177 21.1 17.0 25.6
150 12.7 9.7 14.5



#61
Fluorene
Concen: 36.519 ng/ul
RT: 15.515 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion:166 Resp: 183860
Ion Ratio Lower Upper
166 100
165 99.4 79.3 118.9
167 13.5 10.6 15.8

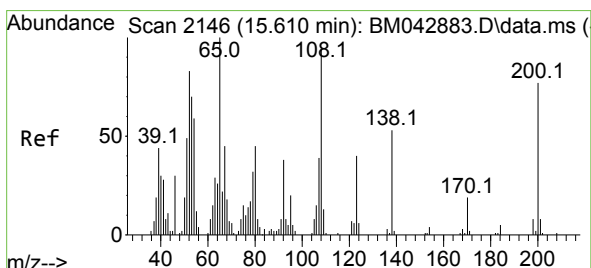
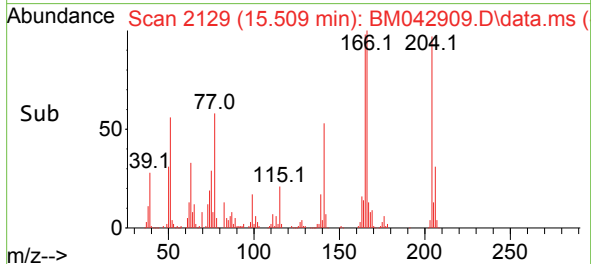
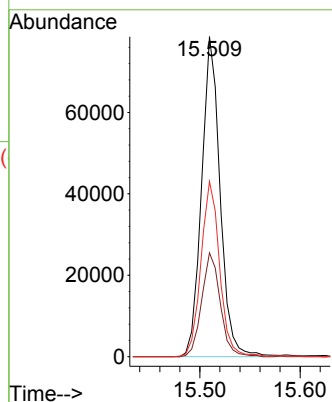
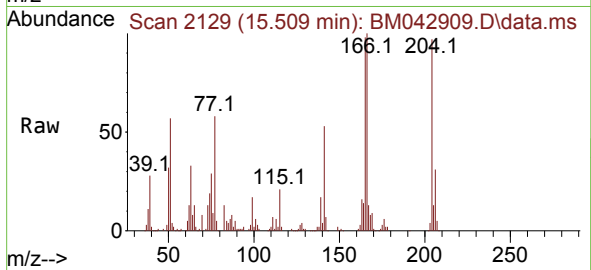




#62
4-Chlorophenyl-phenylether
Concen: 37.333 ng/ul
RT: 15.509 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

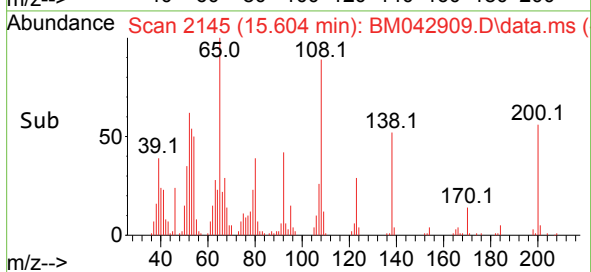
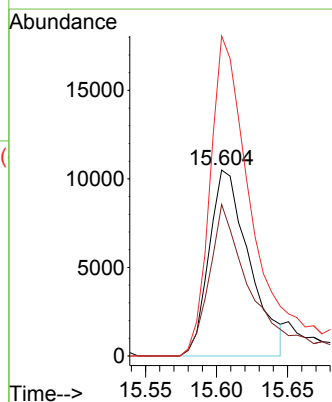
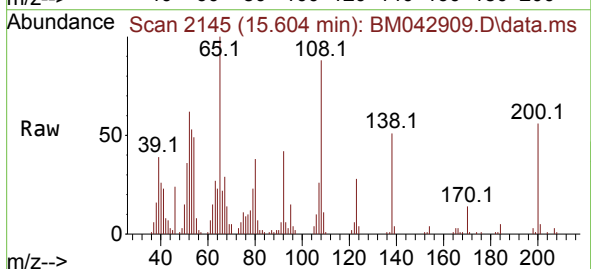
Instrument :
BNA_M
ClientSampleId :

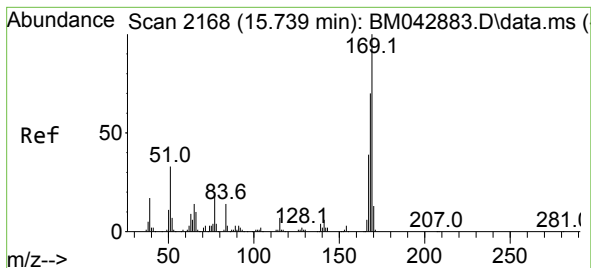
Tgt Ion:204 Resp: 101296
Ion Ratio Lower Upper
204 100
206 32.5 27.0 40.4
141 54.8 46.0 69.0



#63
4-Nitroaniline
Concen: 28.752 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion:138 Resp: 20667
Ion Ratio Lower Upper
138 100
92 81.5 47.4 71.0#
108 172.1 129.5 194.3





#67

N-Nitrosodiphenylamine

Concen: 20.036 ng/ul

RT: 15.739 min Scan# 2168

Delta R.T. -0.000 min

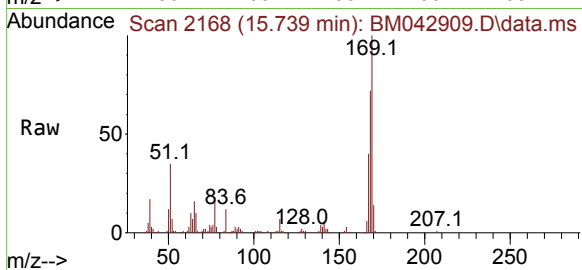
Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

Instrument :

BNA_M

ClientSampleId :



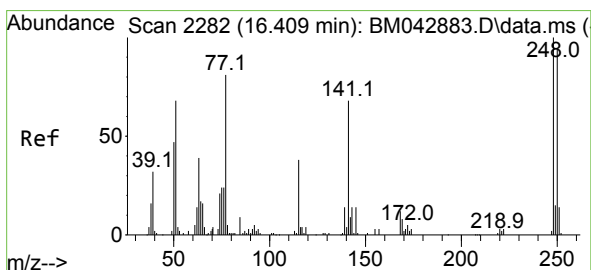
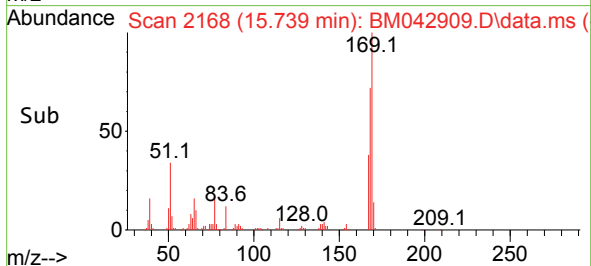
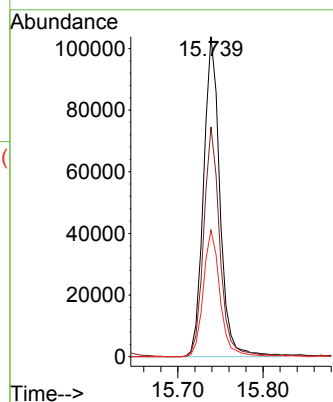
Tgt Ion:169 Resp: 138807

Ion Ratio Lower Upper

169 100

168 71.8 55.8 83.6

167 39.6 31.4 47.2



#68

4-Bromophenyl-phenylether

Concen: 19.972 ng/ul

RT: 16.409 min Scan# 2282

Delta R.T. -0.000 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

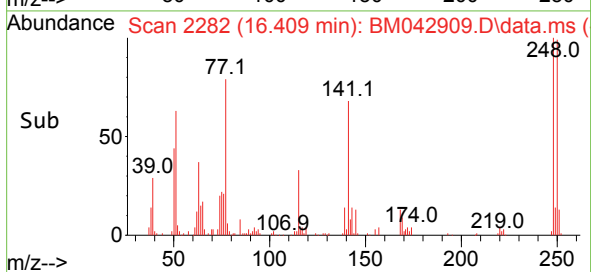
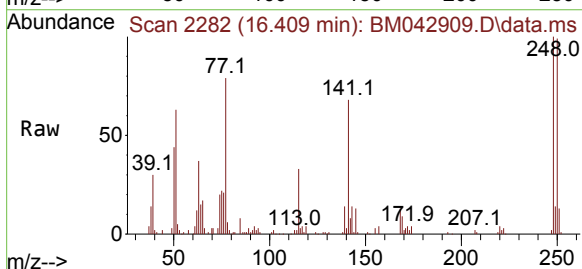
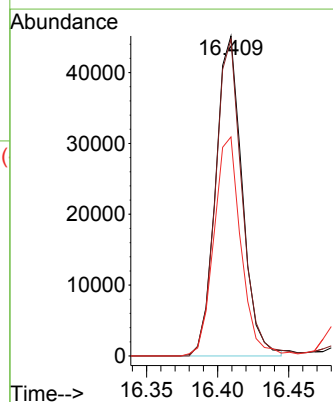
Tgt Ion:248 Resp: 58723

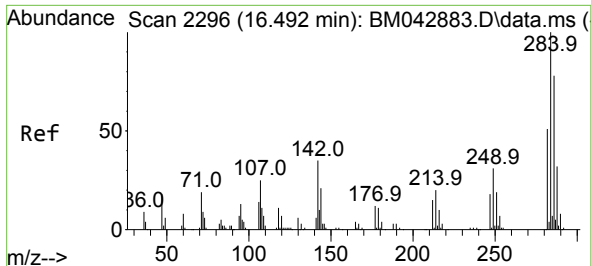
Ion Ratio Lower Upper

248 100

250 99.0 84.3 126.5

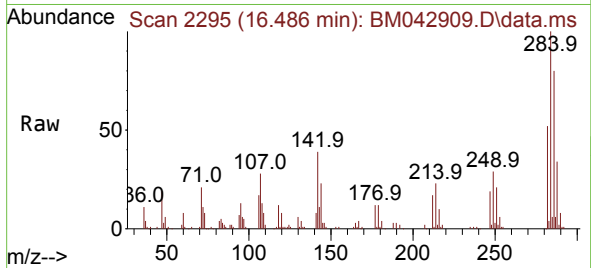
141 68.5 60.1 90.1



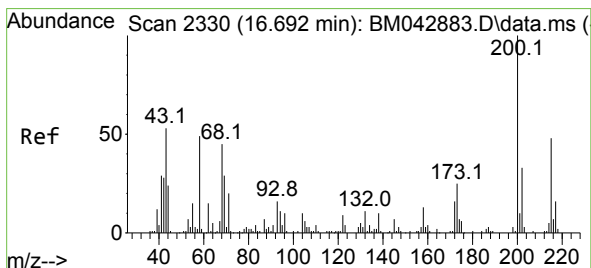
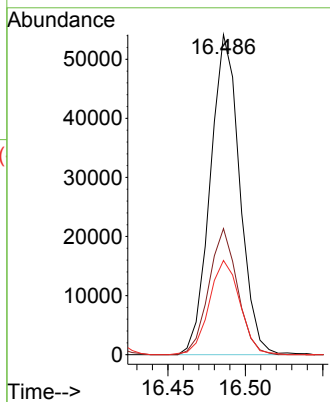
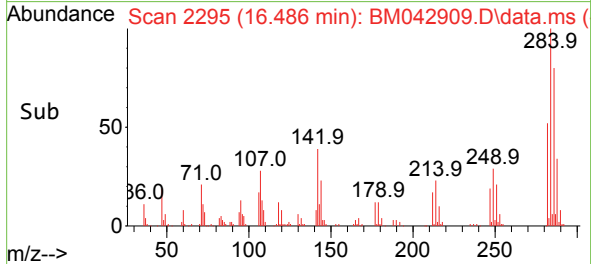


#69
Hexachlorobenzene
Concen: 19.874 ng/ul
RT: 16.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Instrument :
BNA_M
ClientSampleId :

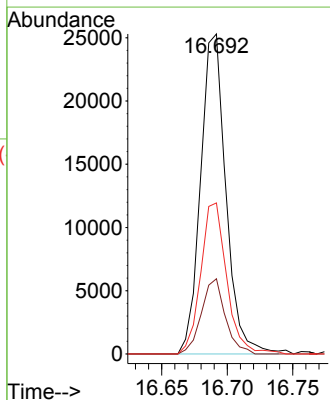
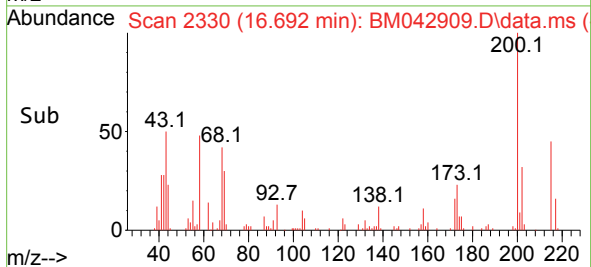
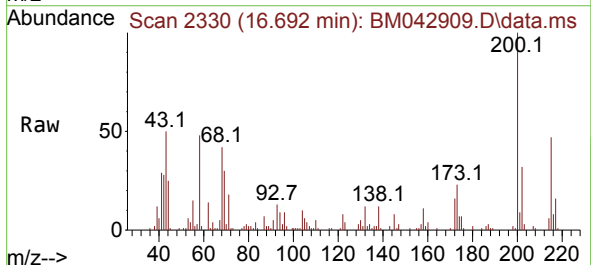


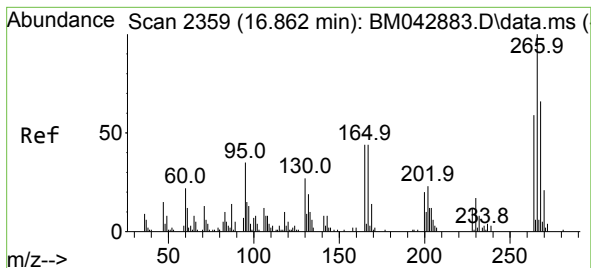
Tgt Ion:284 Resp: 71436
Ion Ratio Lower Upper
284 100
142 39.4 30.5 45.7
249 29.5 25.3 37.9



#70
Atrazine
Concen: 12.770 ng/ul
RT: 16.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion:200 Resp: 34078
Ion Ratio Lower Upper
200 100
173 23.5 19.8 29.6
215 47.2 38.2 57.2





#71

Pentachlorophenol

Concen: 16.717 ng/ul

RT: 16.856 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

Instrument :

BNA_M

ClientSampleId :

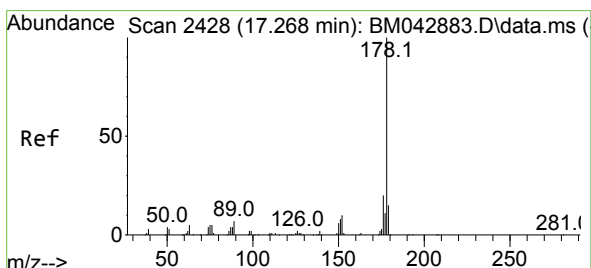
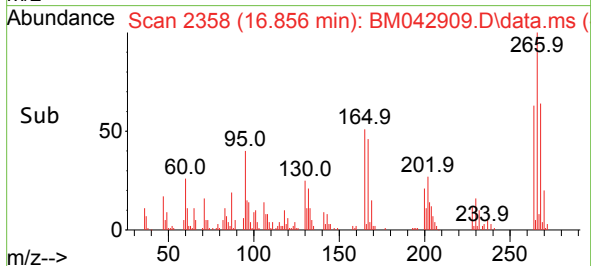
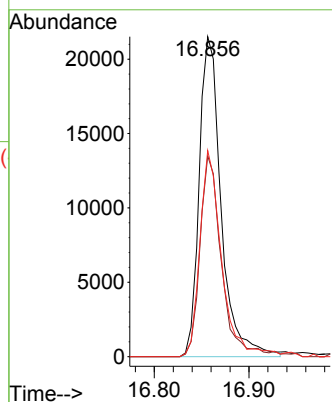
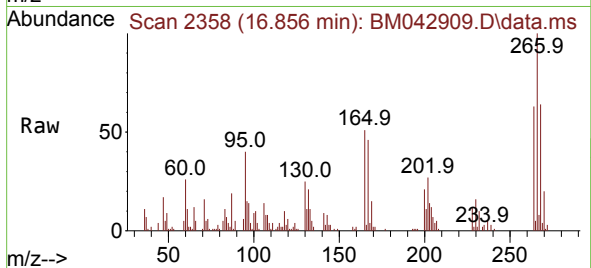
Tgt Ion:266 Resp: 34601

Ion Ratio Lower Upper

266 100

264 62.7 50.3 75.5

268 64.4 52.1 78.1



#72

Phenanthrene

Concen: 20.154 ng/ul

RT: 17.356 min Scan# 2443

Delta R.T. 0.088 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

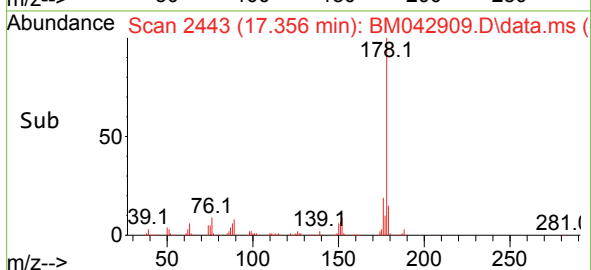
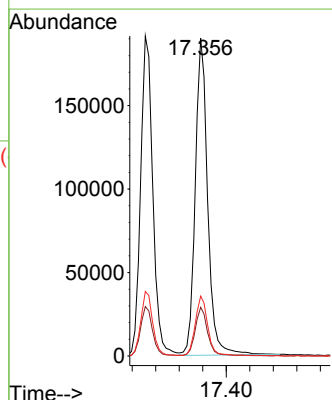
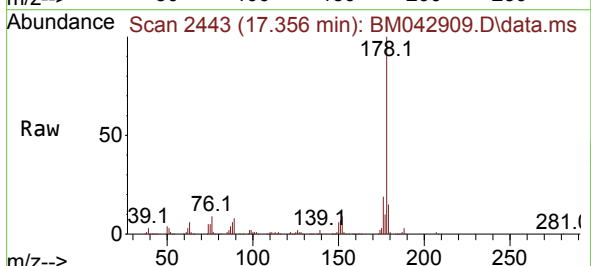
Tgt Ion:178 Resp: 278112

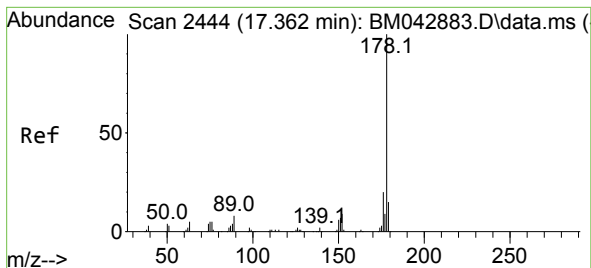
Ion Ratio Lower Upper

178 100

179 15.3 11.4 17.2

176 18.8 15.5 23.3





#74

Anthracene

Concen: 19.810 ng/uI

RT: 17.356 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

Instrument :

BNA_M

ClientSampleId :

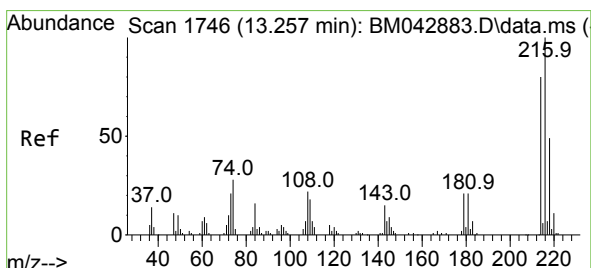
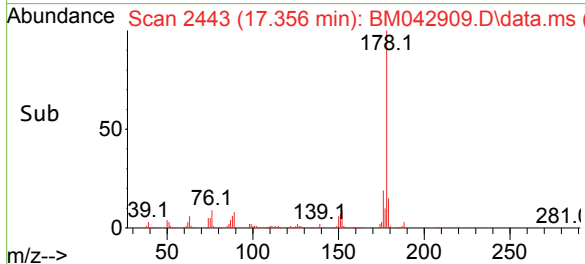
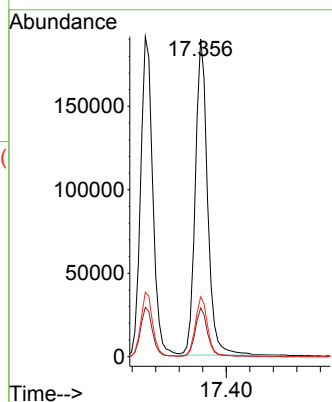
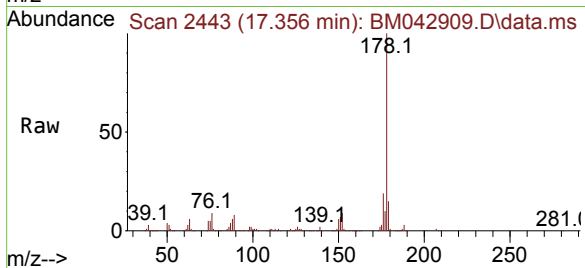
Tgt Ion:178 Resp: 274965

Ion Ratio Lower Upper

178 100

179 15.3 12.0 18.0

176 18.8 15.7 23.5



#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.639 ng/uI

RT: 13.257 min Scan# 1746

Delta R.T. -0.000 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

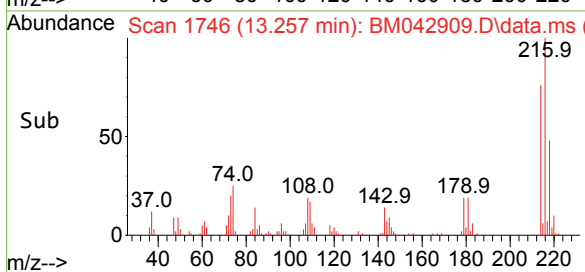
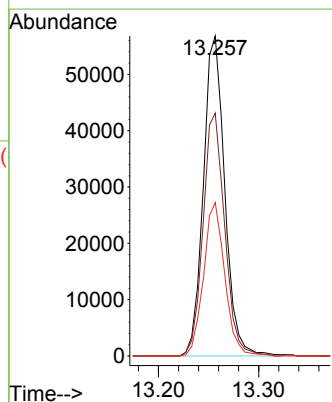
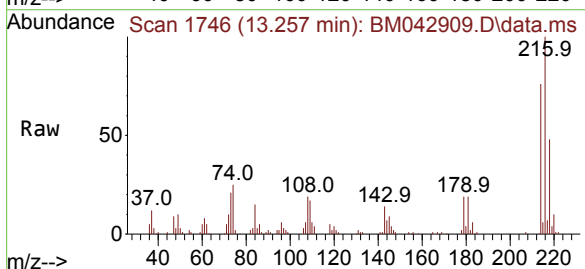
Tgt Ion:216 Resp: 84520

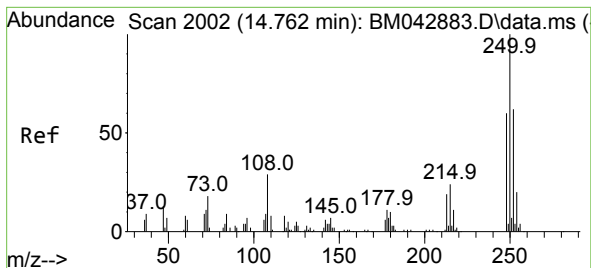
Ion Ratio Lower Upper

216 100

214 75.9 62.6 94.0

218 47.9 39.3 58.9





#76

Pentachlorobenzene

Concen: 21.199 ng/uL

RT: 14.762 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

Instrument :

BNA_M

ClientSampleId :

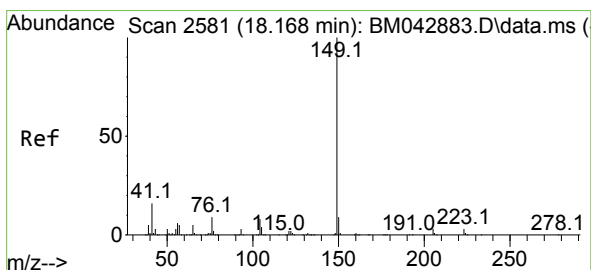
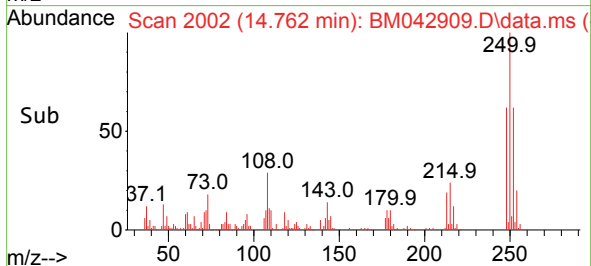
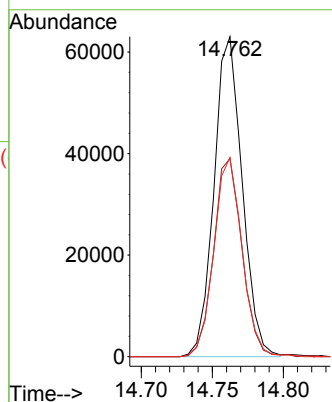
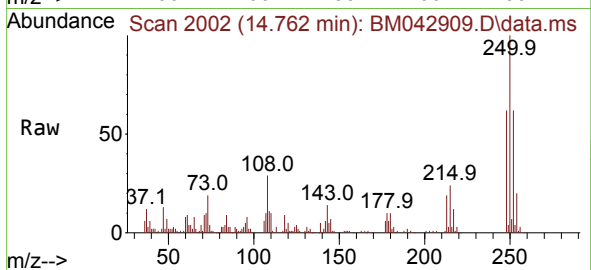
Tgt Ion:250 Resp: 86879

Ion Ratio Lower Upper

250 100

248 61.9 51.0 76.6

252 62.3 51.8 77.8



#78

Di-n-butylphthalate

Concen: 18.815 ng/uL

RT: 18.168 min Scan# 2581

Delta R.T. -0.000 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

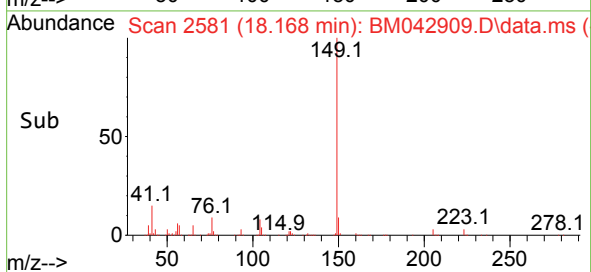
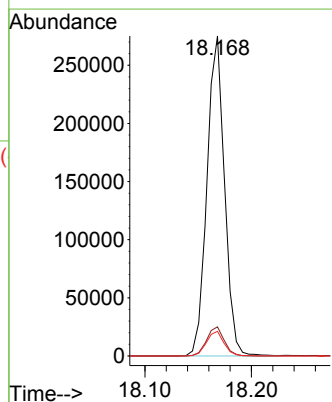
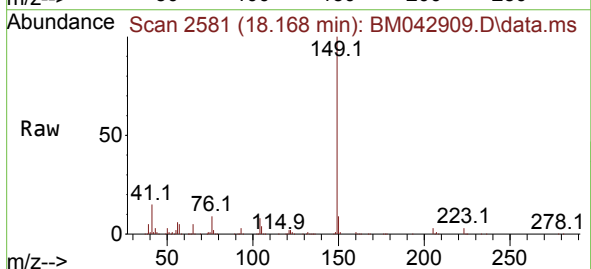
Tgt Ion:149 Resp: 315337

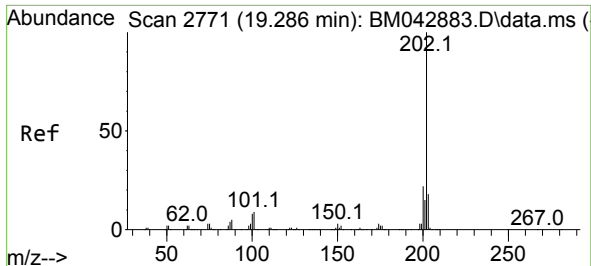
Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

104 7.7 5.3 7.9

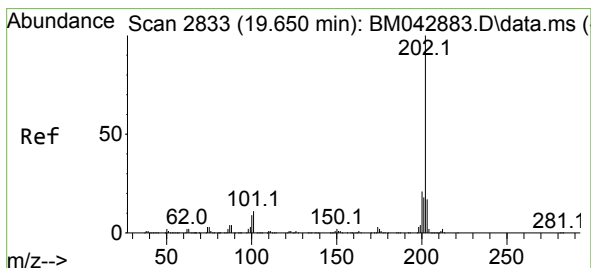
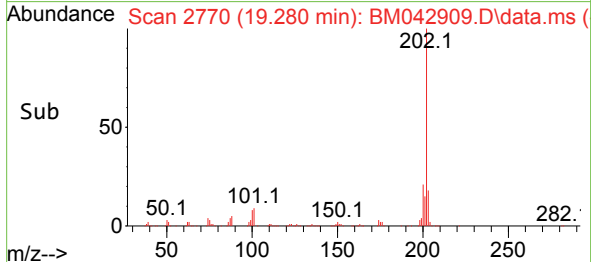
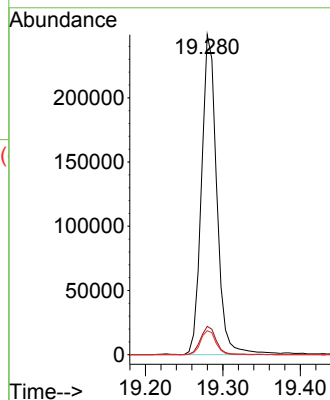
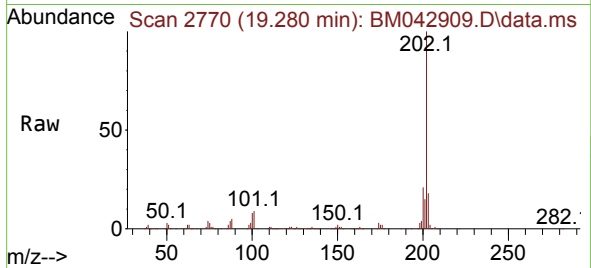




#80
Fluoranthene
Concen: 35.336 ng/ul
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

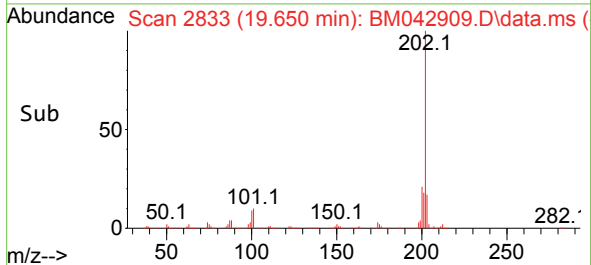
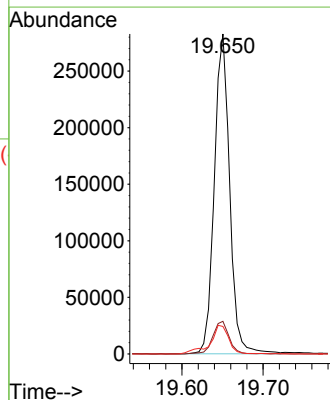
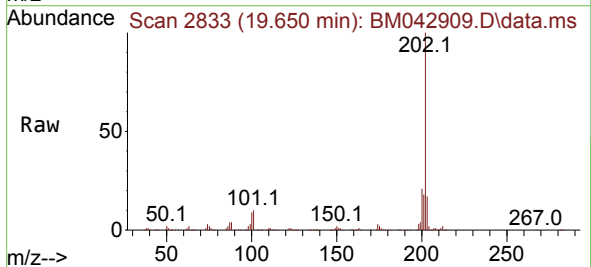
Instrument :
BNA_M
ClientSampleId :

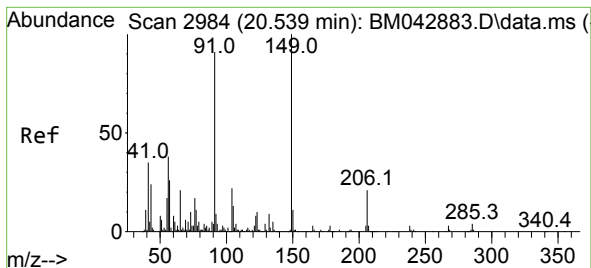
Tgt Ion:202 Resp: 341886
Ion Ratio Lower Upper
202 100
101 8.8 6.6 9.8
100 7.5 5.6 8.4



#82
Pyrene
Concen: 36.105 ng/ul
RT: 19.650 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BM042909.D
Acq: 19 Nov 2023 16:49

Tgt Ion:202 Resp: 370396
Ion Ratio Lower Upper
202 100
101 10.2 8.1 12.1
100 8.6 6.9 10.3





#83

Butylbenzylphthalate

Concen: 32.760 ng/ul

RT: 20.533 min Scan# 2984

Delta R.T. -0.006 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

Instrument :

BNA_M

ClientSampleId :

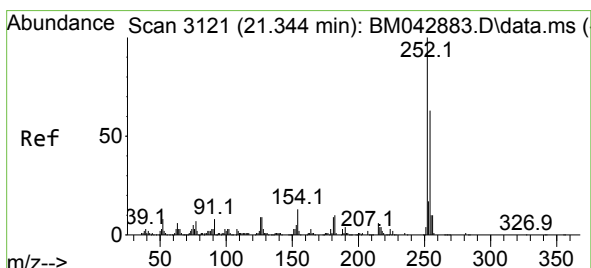
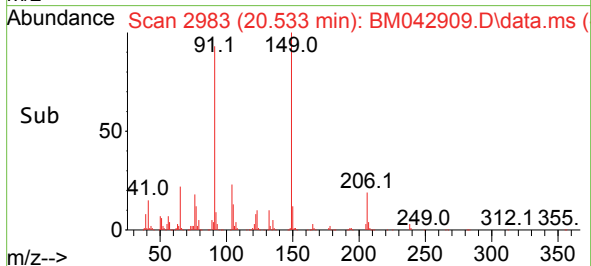
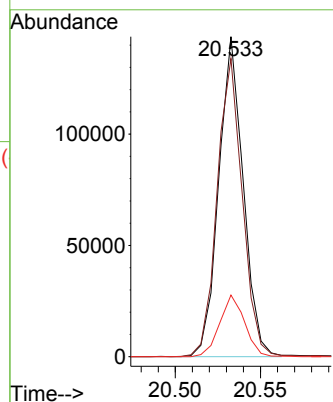
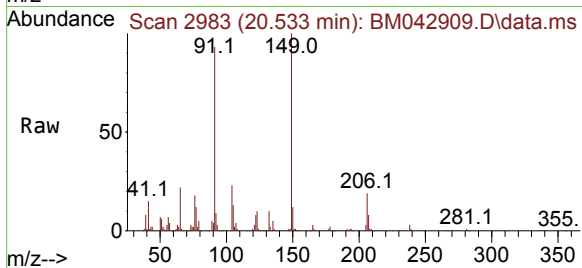
Tgt Ion:149 Resp: 143549

Ion Ratio Lower Upper

149 100

91 93.2 69.3 103.9

206 19.3 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 30.337 ng/ul

RT: 21.344 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

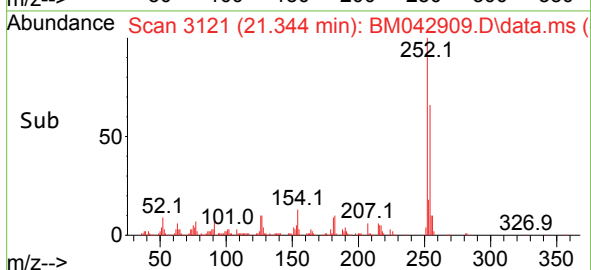
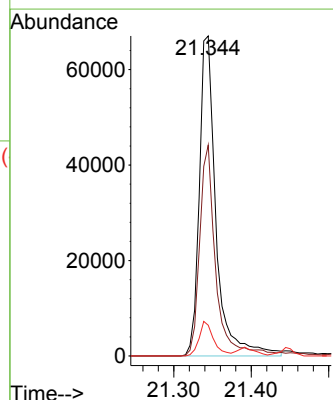
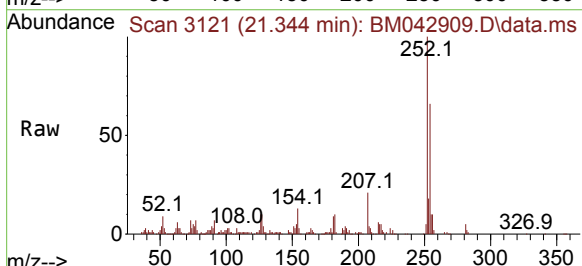
Tgt Ion:252 Resp: 100612

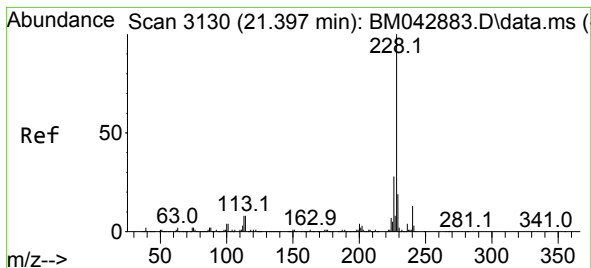
Ion Ratio Lower Upper

252 100

254 65.9 51.8 77.6

126 9.6 7.8 11.8





#85

Benzo(a)anthracene

Concen: 36.213 ng/ul

RT: 21.391 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

Instrument :

BNA_M

ClientSampleId :

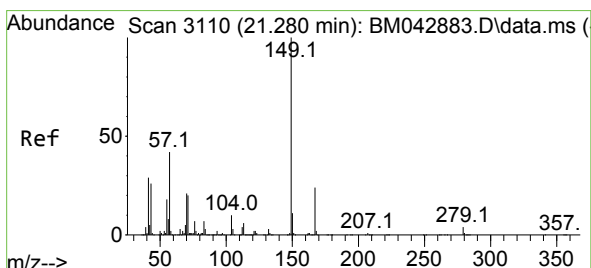
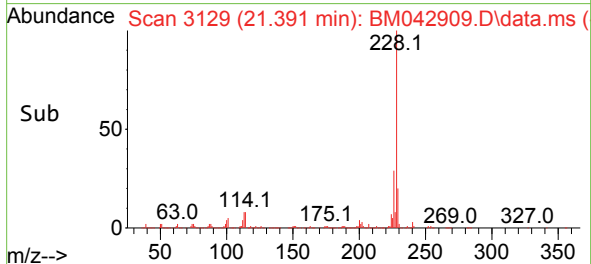
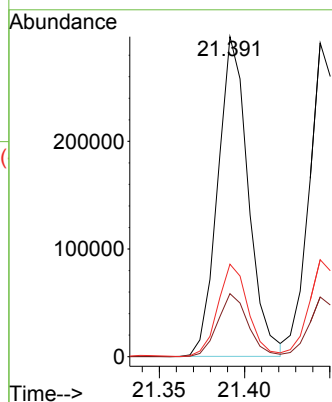
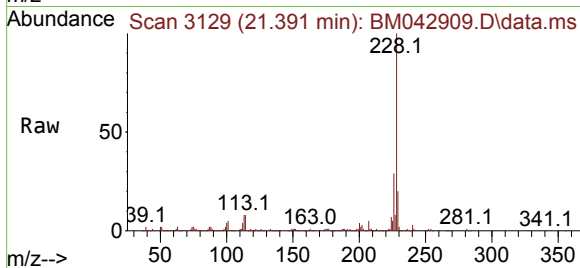
Tgt Ion:228 Resp: 368368

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 28.9 22.5 33.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.184 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

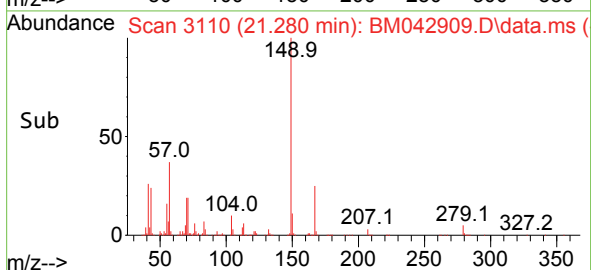
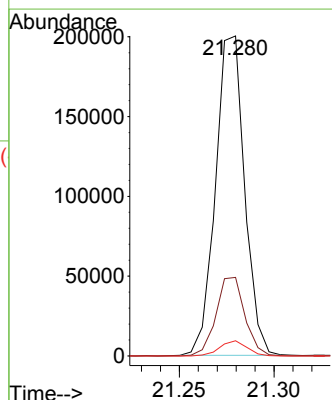
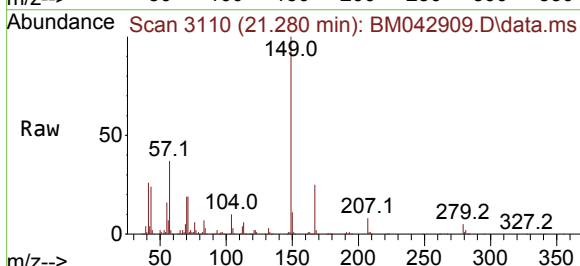
Tgt Ion:149 Resp: 213967

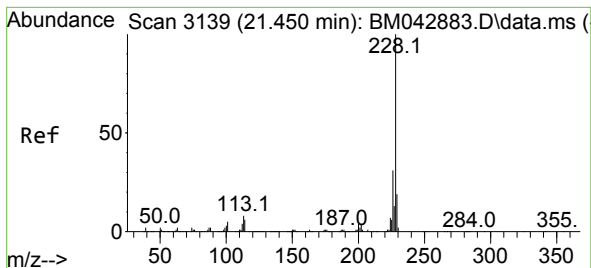
Ion Ratio Lower Upper

149 100

167 24.6 20.6 31.0

279 4.8 3.5 5.3





#87

Chrysene

Concen: 36.553 ng/ul

RT: 21.444 min Scan# 3139

Delta R.T. -0.006 min

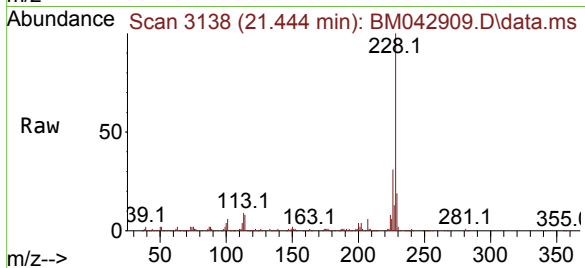
Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

Instrument :

BNA_M

ClientSampleId :



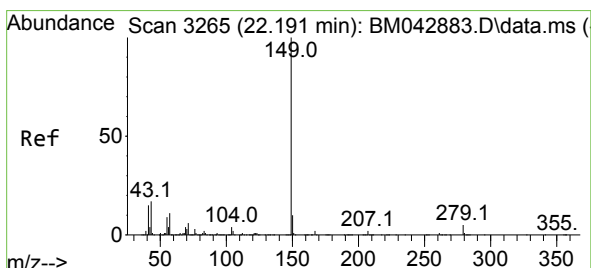
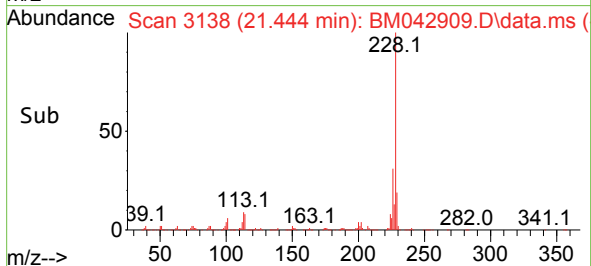
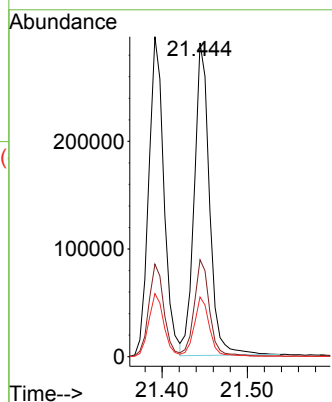
Tgt Ion:228 Resp: 360608

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 19.0 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 32.145 ng/ul

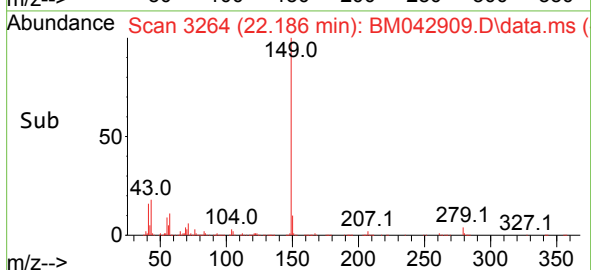
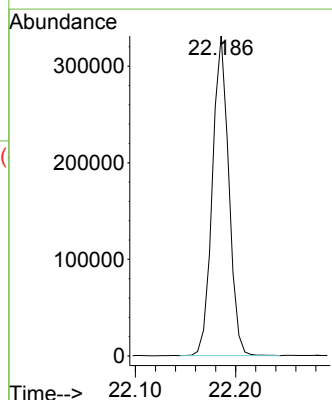
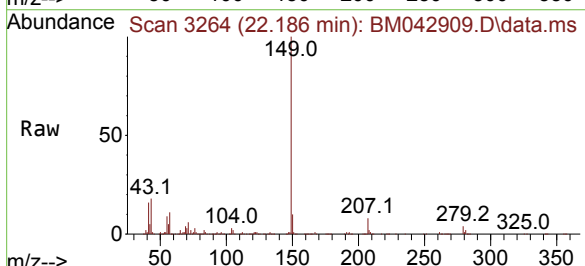
RT: 22.186 min Scan# 3264

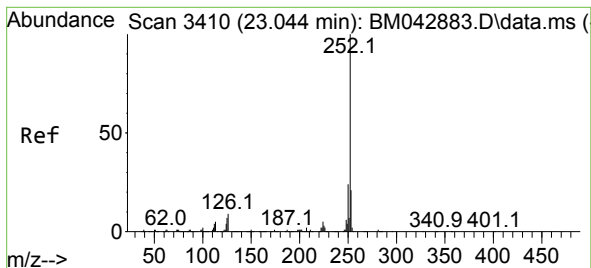
Delta R.T. -0.006 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

Tgt Ion:149 Resp: 375945





#90

Benzo(b)fluoranthene

Concen: 37.333 ng/ul

RT: 23.038 min Scan# 3410

Delta R.T. -0.006 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

Instrument :

BNA_M

ClientSampleId :

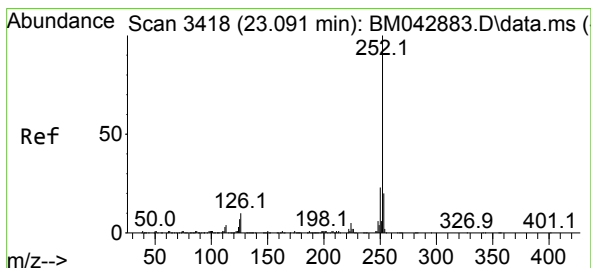
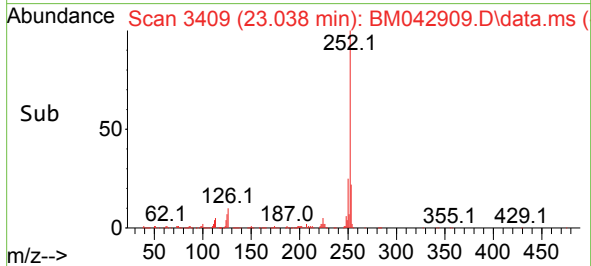
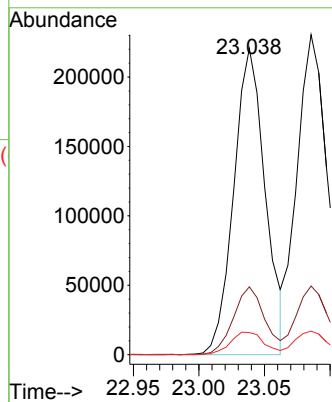
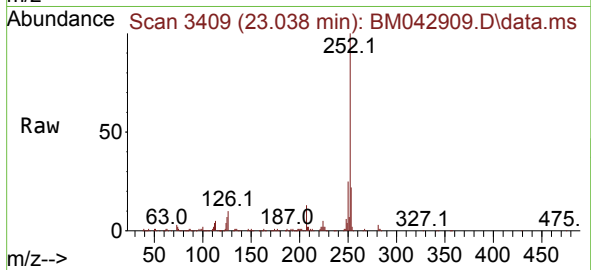
Tgt Ion:252 Resp: 368880

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 7.2 5.2 7.8



#91

Benzo(k)fluoranthene

Concen: 37.015 ng/ul

RT: 23.085 min Scan# 3417

Delta R.T. -0.006 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

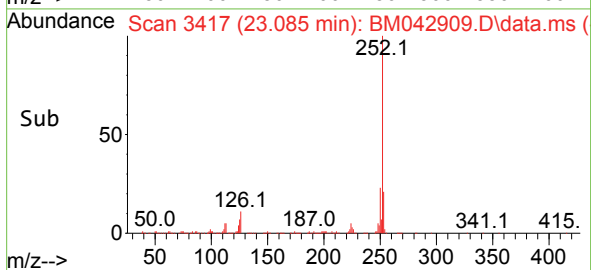
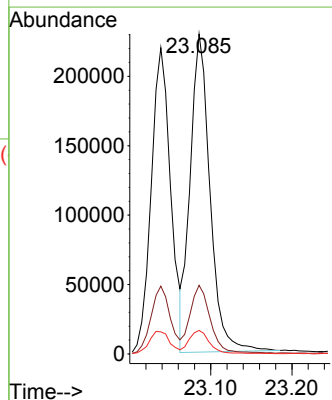
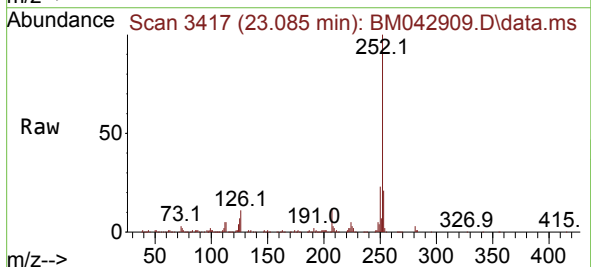
Tgt Ion:252 Resp: 389334

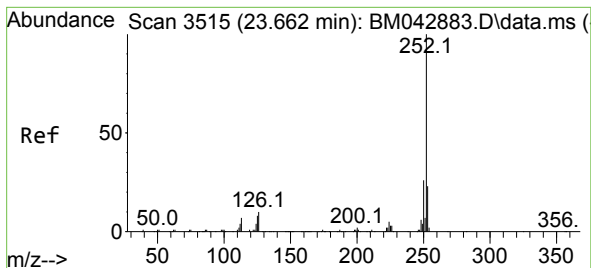
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 7.4 5.5 8.3





#93

Benzo(a)pyrene

Concen: 37.623 ng/u1

RT: 23.662 min Scan# 3

Delta R.T. -0.000 min

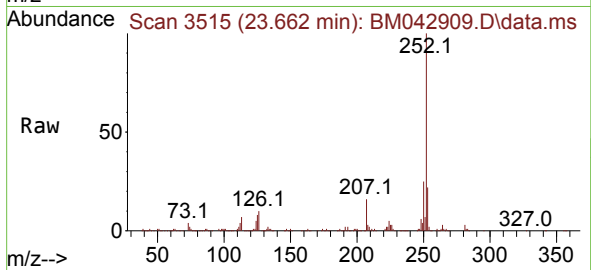
Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

Instrument :

BNA_M

ClientSampleId :



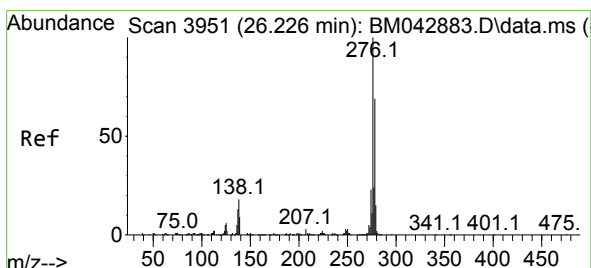
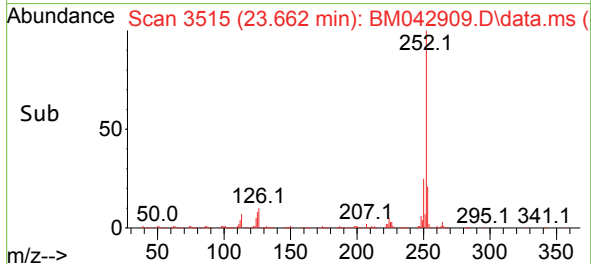
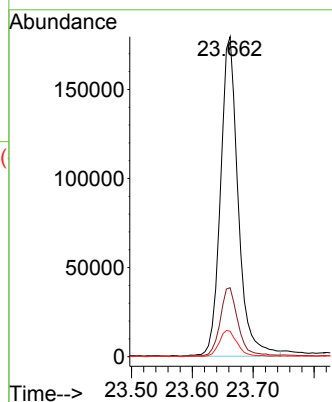
Tgt Ion:252 Resp: 362237

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 7.9 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.323 ng/u1

RT: 26.215 min Scan# 3949

Delta R.T. -0.012 min

Lab File: BM042909.D

Acq: 19 Nov 2023 16:49

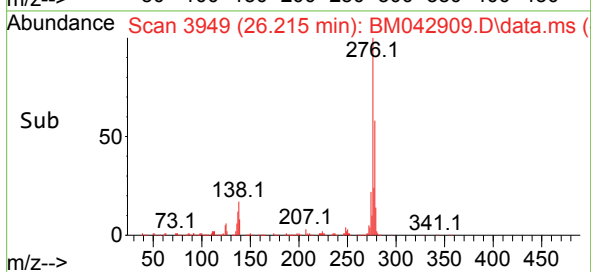
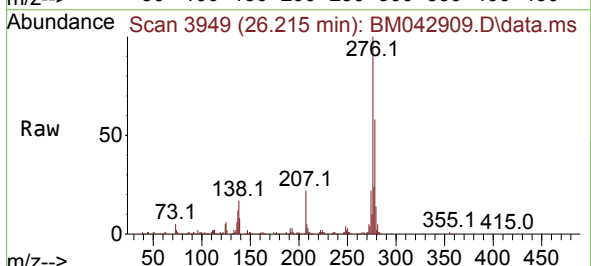
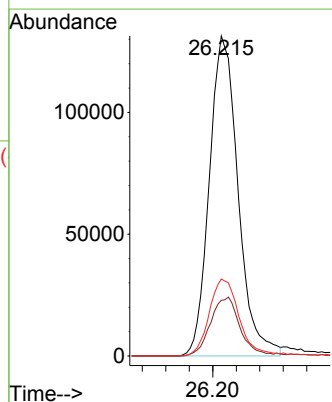
Tgt Ion:276 Resp: 446603

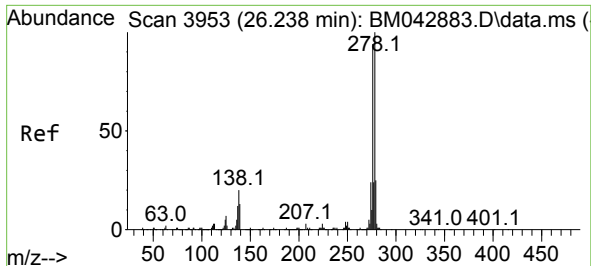
Ion Ratio Lower Upper

276 100

138 17.4 13.8 20.8

277 24.1 19.7 29.5

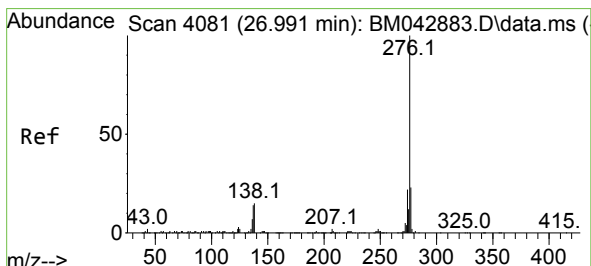
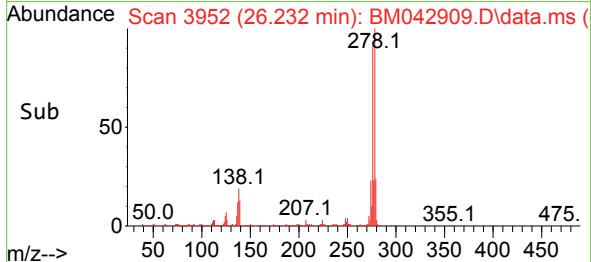
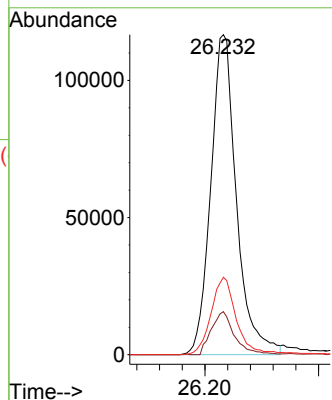
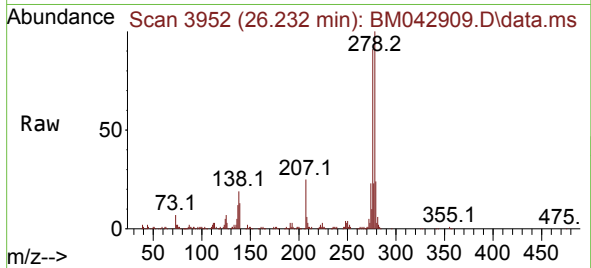




#95
 Dibenzo(a,h)anthracene
 Concen: 36.950 ng/ul
 RT: 26.232 min Scan# 3953
 Delta R.T. -0.006 min
 Lab File: BM042909.D
 Acq: 19 Nov 2023 16:49

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 366558
 Ion Ratio Lower Upper
 278 100
 139 13.4 9.0 13.4#
 279 24.2 18.8 28.2



#96
 Benzo(g,h,i)perylene
 Concen: 37.306 ng/ul
 RT: 26.985 min Scan# 4080
 Delta R.T. -0.006 min
 Lab File: BM042909.D
 Acq: 19 Nov 2023 16:49

Tgt Ion:276 Resp: 354479
 Ion Ratio Lower Upper
 276 100
 138 15.6 13.0 19.6
 277 25.1 18.4 27.6

