

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042899.D
 Acq On : 19 Nov 2023 10:48
 Operator : MA/JU
 Sample : 05370-11MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 21:46:41 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	21933	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	87140	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	57262	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	128955	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	151944	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	160355	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	4359	6.236	ng/uL	0.00
4) Pyridine-d5	3.611	84	29381	16.898	ng/u1	0.00
7) Phenol-d5	6.981	99	18339	8.591	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	80816	53.879	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	59592	36.180	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	36293	21.593	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	37073	48.525	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	41133	46.023	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	76080	45.781	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	85245	40.401	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	291717	53.828	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	303205	52.289	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	23071	37.680	ng/u1	0.04
60) Fluorene-d10	15.463	176	246892	55.015	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	51452	52.674	ng/u1	0.00
73) Anthracene-d10	17.322	188	412455	57.071	ng/u1	0.00
81) Pyrene-d10	19.621	212	554258	55.705	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.609	264	590347	61.547	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	5855	7.866	ng/uL	88
5) Pyridine	3.628	79	35391	18.719	ng/u1	94
6) Benzaldehyde	6.975	77	67271	54.927	ng/u1	93
8) Phenol	7.005	94	19749	9.301	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.252	93	88331	50.362	ng/u1	89
12) 2-Chlorophenol	7.363	128	60379	36.835	ng/u1#	87
13) 2-Methylphenol	8.263	108	41190	26.014	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.322	45	113387	35.513	ng/u1#	95
16) Acetophenone	8.663	105	136056	48.142	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.628	70	87002	50.570	ng/u1	91
18) 4-Methylphenol	8.599	108	38763	22.518	ng/u1	99
19) Hexachloroethane	8.863	117	40255	44.061	ng/u1	90
22) Nitrobenzene	9.057	77	122766	53.166	ng/u1	96
23) Isophorone	9.563	82	233745	50.825	ng/u1	97
25) 2-Nitrophenol	9.751	139	43379	47.772	ng/u1	87
26) 2,4-Dimethylphenol	9.798	107	61972	31.898	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.051	93	122240	52.600	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	73281	46.575	ng/u1	97
30) Naphthalene	10.675	128	261765	47.949	ng/u1	99
32) 4-Chloroaniline	10.822	127	79293	39.171	ng/u1	96
33) Hexachlorobutadiene	10.893	225	64748	46.587	ng/u1	95
34) Caprolactam	11.663	113	2135	4.576	ng/u1	78
35) 4-Chloro-3-methylphenol	11.928	107	70224	41.653	ng/u1	99
36) 2-Methylnaphthalene	12.287	142	183446	50.138	ng/u1	100

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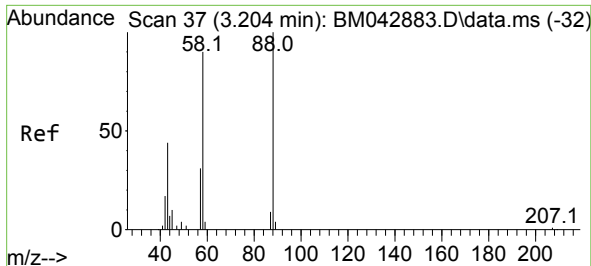
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	185848	48.311	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.639	216	121179	53.960	ng/ul	96
40) Hexachlorocyclopentadiene	12.575	237	39166	36.838	ng/ul	91
41) 2,4,6-Trichlorophenol	12.898	196	71531	52.146	ng/ul	95
42) 2,4,5-Trichlorophenol	12.975	196	73921	55.808	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	256017	53.611	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	201607	52.478	ng/ul	97
45) 2-Nitroaniline	13.598	65	78448	62.614	ng/ul	89
47) Dimethylphthalate	13.939	163	296348	56.142	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	56016	56.486	ng/ul	88
50) Acenaphthylene	14.198	152	352921	54.318	ng/ul	99
51) 3-Nitroaniline	14.433	138	40094	49.443	ng/ul	91
52) Acenaphthene	14.533	153	240138	54.649	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	22260	45.144	ng/ul	88
56) Dibenzofuran	14.869	168	345179	56.596	ng/ul	97
57) 2,4-Dinitrotoluene	14.875	165	87015	59.768	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.092	232	76886	55.919	ng/ul#	94
59) Diethylphthalate	15.286	149	316989	57.268	ng/ul	99
61) Fluorene	15.516	166	311660	60.188	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	172561	61.836	ng/ul	98
63) 4-Nitroaniline	15.604	138	42216	57.104	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.628	198	55772	56.083	ng/ul	92
67) N-Nitrosodiphenylamine	15.739	169	236525	58.480	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	101556	59.165	ng/ul	93
69) Hexachlorobenzene	16.486	284	123690	58.945	ng/ul	99
70) Atrazine	16.692	200	90021	57.783	ng/ul	98
71) Pentachlorophenol	16.857	266	62950	52.096	ng/ul	99
72) Phenanthrene	17.263	178	488482	60.635	ng/ul	98
74) Anthracene	17.357	178	481190	59.382	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	121980	53.494	ng/uL	100
76) Pentachlorobenzene	14.763	250	137751	57.575	ng/uL	99
77) Carbazole	17.651	167	403292	60.273	ng/ul	99
78) Di-n-butylphthalate	18.169	149	586614	59.955	ng/ul	98
80) Fluoranthene	19.280	202	638388	56.271	ng/ul	97
82) Pyrene	19.651	202	690901	57.436	ng/ul	100
83) Butylbenzylphthalate	20.533	149	274311	53.390	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.339	252	197979	50.910	ng/ul	100
85) Benzo(a)anthracene	21.392	228	726521	60.911	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	429826	55.139	ng/ul	98
87) Chrysene	21.445	228	668134	57.759	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	747828	57.733	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	714962	65.333	ng/ul	98
91) Benzo(k)fluoranthene	23.086	252	759937	65.235	ng/ul	99
93) Benzo(a)pyrene	23.662	252	681282	63.889	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.227	276	865958	65.342	ng/ul	97
95) Dibenzo(a,h)anthracene	26.239	278	720864	65.609	ng/ul	99
96) Benzo(g,h,i)perylene	26.986	276	663416	63.040	ng/ul	99

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

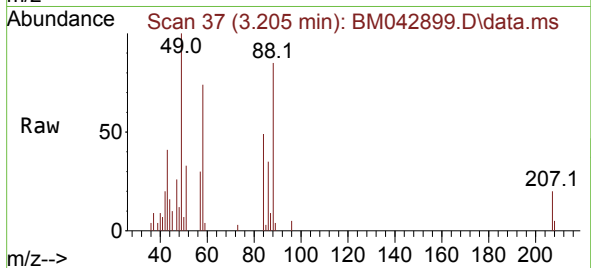
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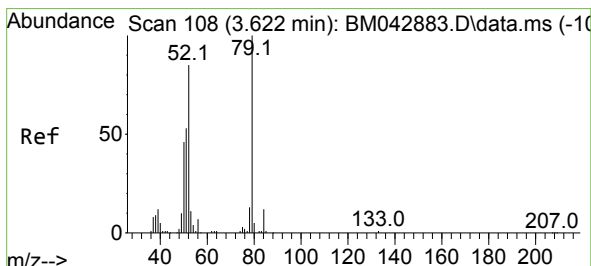
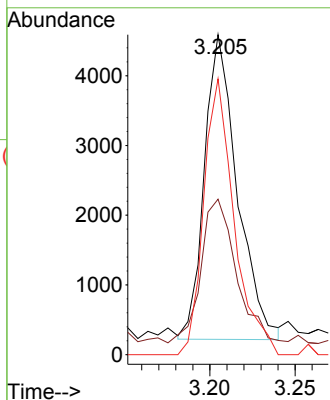
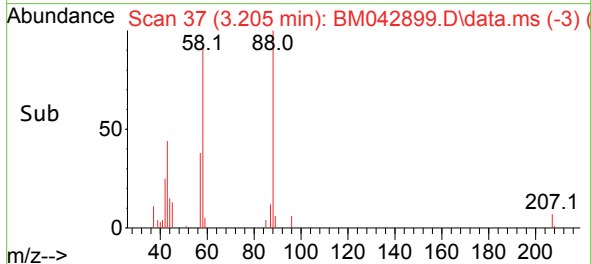


#2
1,4-Dioxane
Concen: 7.866 ng/uL
RT: 3.205 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM042899.D
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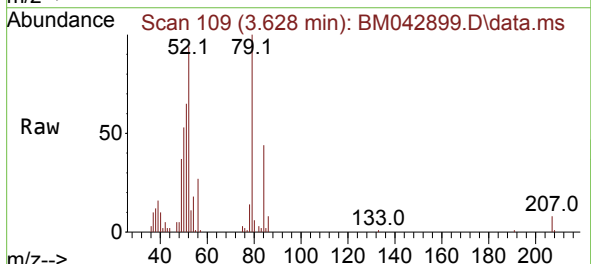
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BNA_M
ClientSampleId :



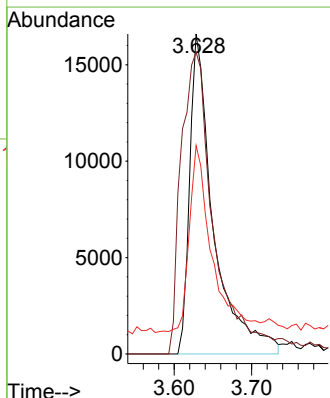
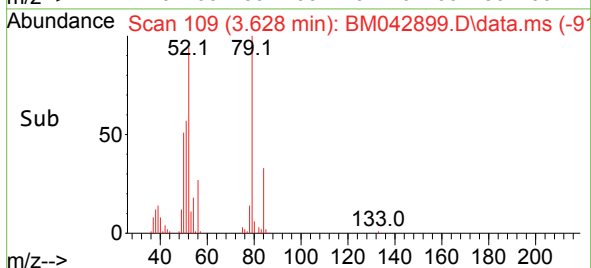
Tgt Ion: 88 Resp: 5855
Ion Ratio Lower Upper
88 100
43 48.6 34.3 51.5
58 86.2 59.4 89.0

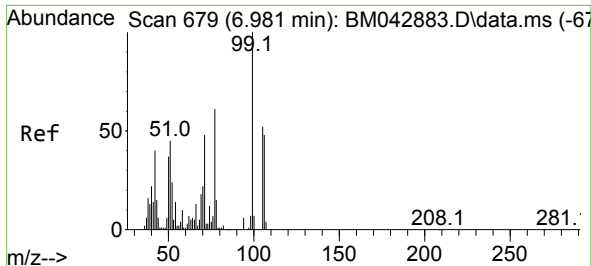


#5
Pyridine
Concen: 18.719 ng/uL
RT: 3.628 min Scan# 109
Delta R.T. 0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48



Tgt Ion: 79 Resp: 35391
Ion Ratio Lower Upper
79 100
52 94.3 74.6 111.8
51 65.1 44.6 67.0

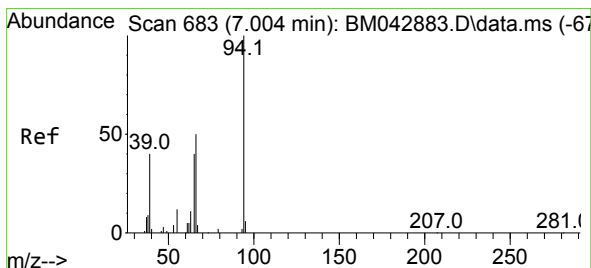
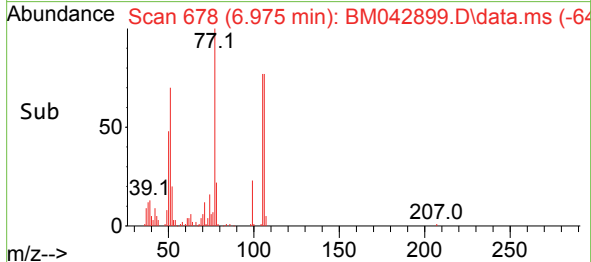
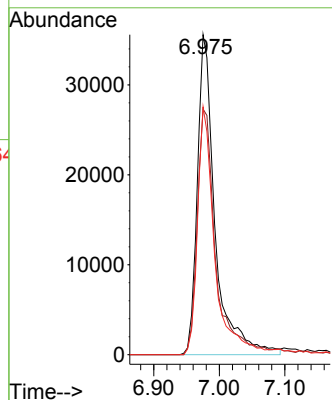
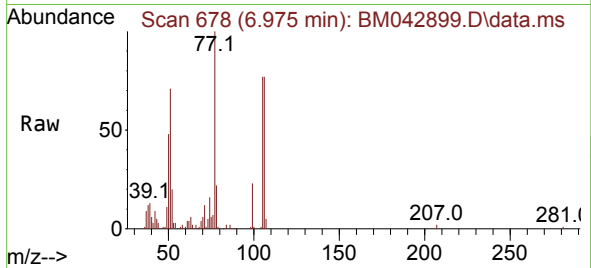




#6
Benzaldehyde
Concen: 54.927 ng/ul
RT: 6.975 min Scan# 679
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

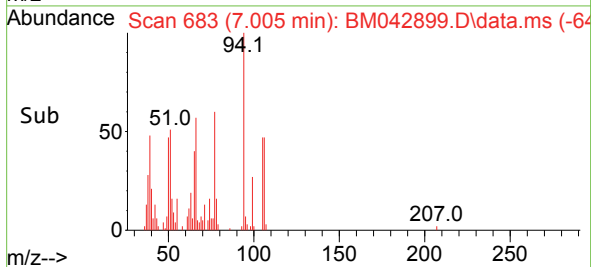
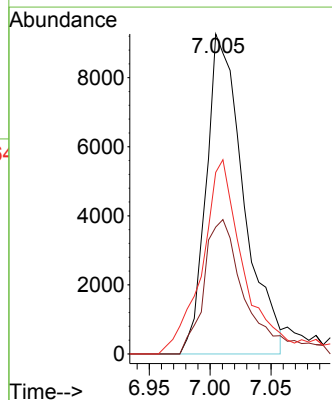
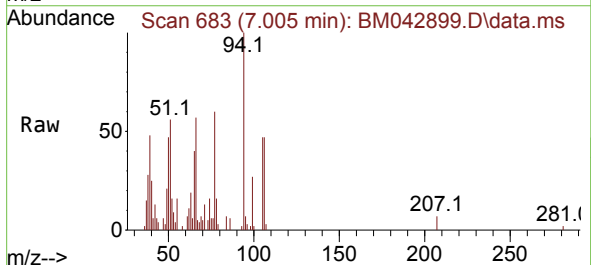
Instrument :
BNA_M
ClientSampleId :

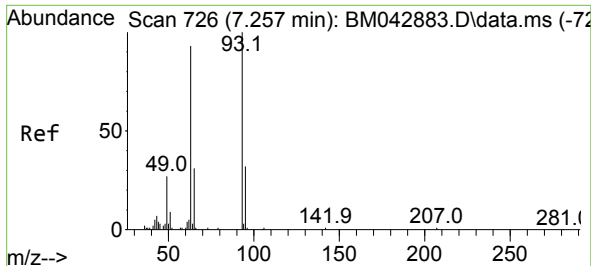
Tgt Ion: 77 Resp: 67271
Ion Ratio Lower Upper
77 100
105 76.7 69.6 104.4
106 77.5 64.2 96.2



#8
Phenol
Concen: 9.301 ng/ul
RT: 7.005 min Scan# 683
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

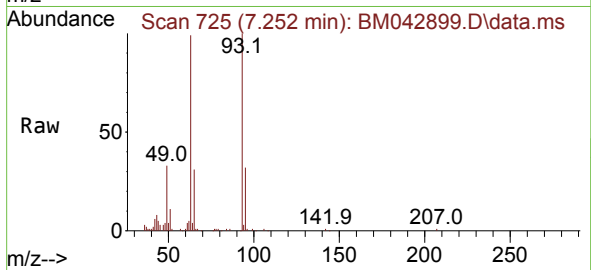
Tgt Ion: 94 Resp: 19749
Ion Ratio Lower Upper
94 100
65 39.7 30.3 45.5
66 56.7 39.9 59.9



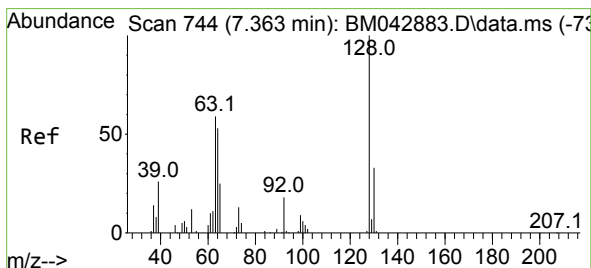
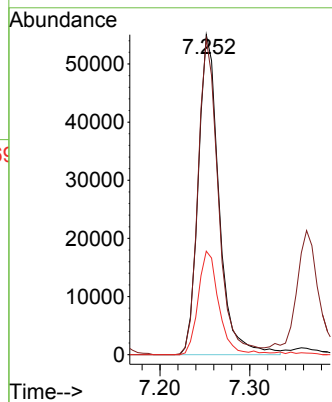
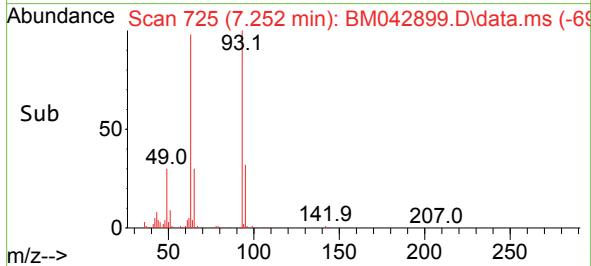


#10
Bis(2-Chloroethyl)ether
Concen: 50.362 ng/ul
RT: 7.252 min Scan# 725
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

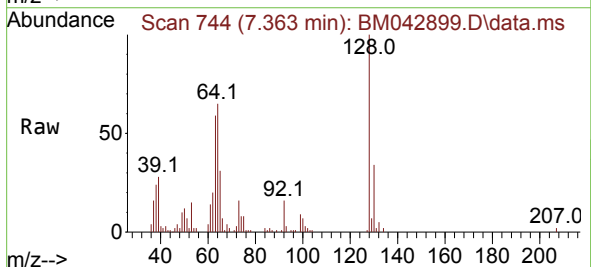
Instrument :
BNA_M
ClientSampleId :



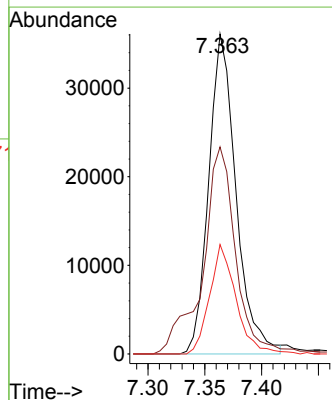
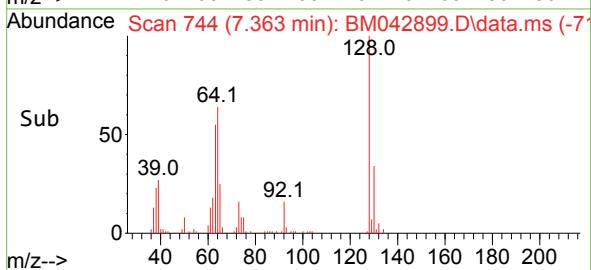
Tgt Ion: 93 Resp: 88331
Ion Ratio Lower Upper
93 100
63 98.7 68.6 102.8
95 32.3 24.8 37.2

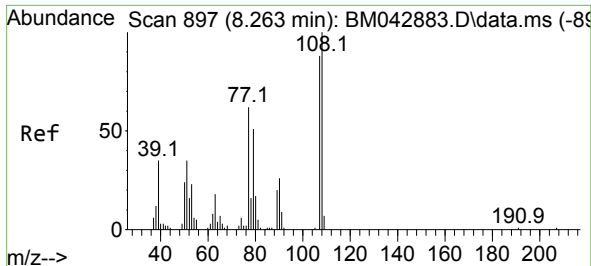


#12
2-Chlorophenol
Concen: 36.835 ng/ul
RT: 7.363 min Scan# 744
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48



Tgt Ion:128 Resp: 60379
Ion Ratio Lower Upper
128 100
64 64.7 42.9 64.3#
130 34.2 23.9 35.9





#13

2-Methylphenol

Concen: 26.014 ng/ul

RT: 8.263 min Scan# 897

Delta R.T. 0.000 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

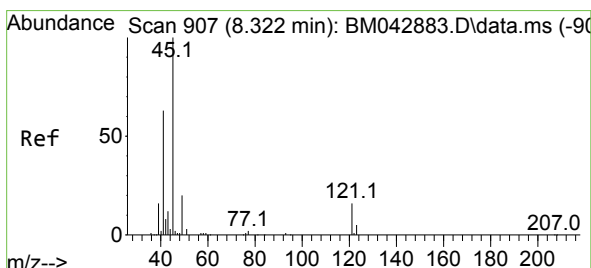
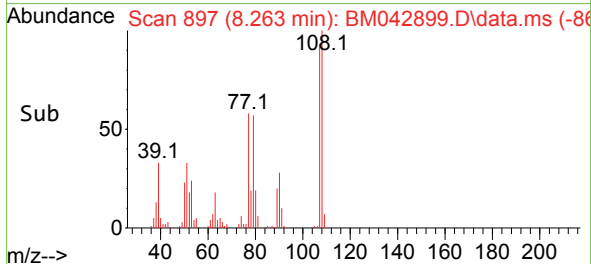
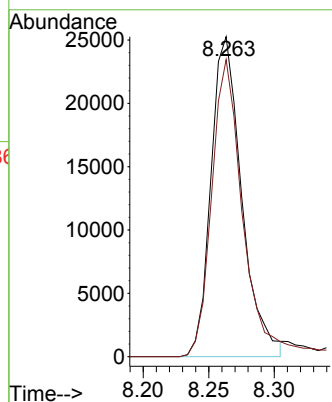
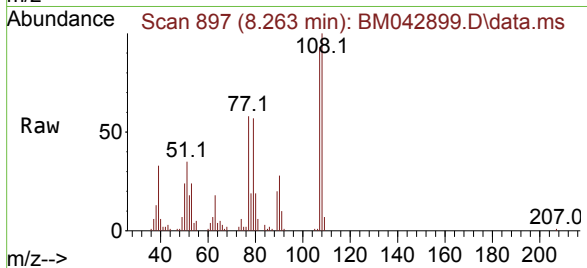
ClientSampleId :

Tgt Ion:108 Resp: 41190

Ion Ratio Lower Upper

108 100

107 92.8 70.4 105.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 35.513 ng/ul

RT: 8.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: BM042899.D

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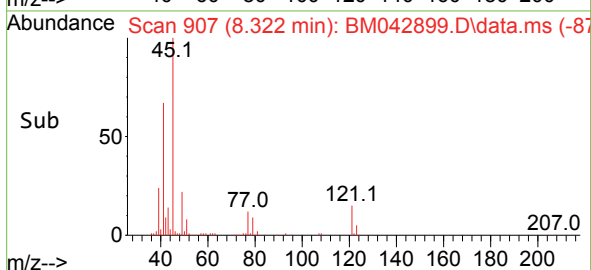
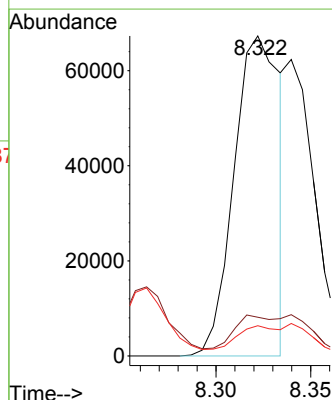
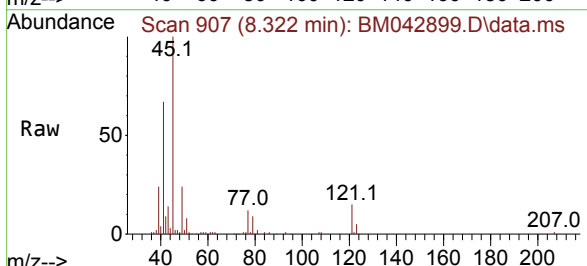
Tgt Ion: 45 Resp: 113387

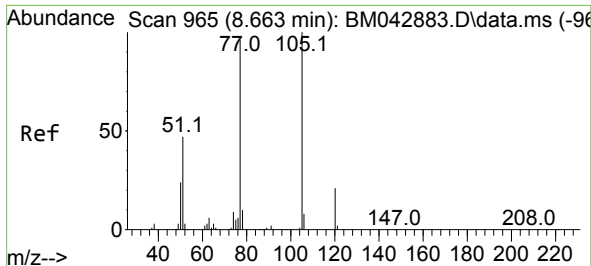
Ion Ratio Lower Upper

45 100

77 12.1 12.2 18.2#

79 9.4 8.2 12.2

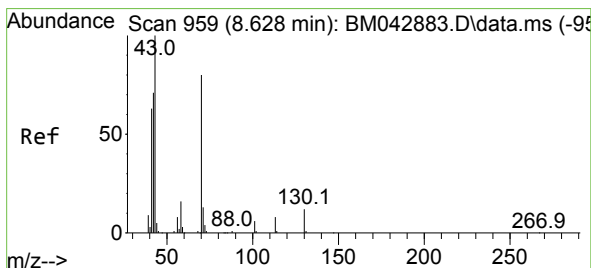
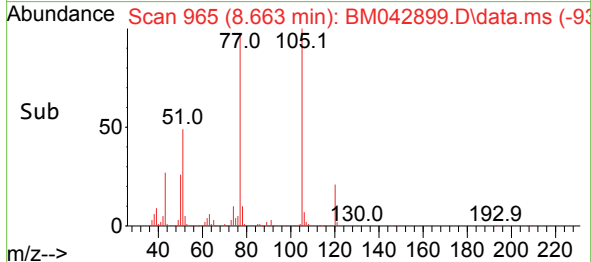
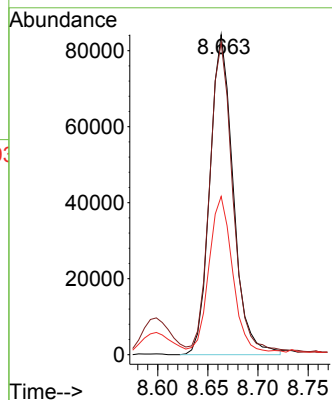
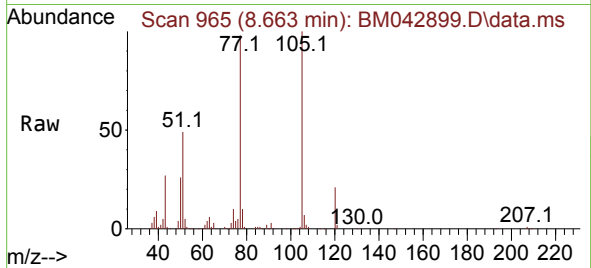




#16
Acetophenone
Concen: 48.142 ng/ul
RT: 8.663 min Scan# 965
Delta R.T. 0.000 min
Lab File: BM042899.D
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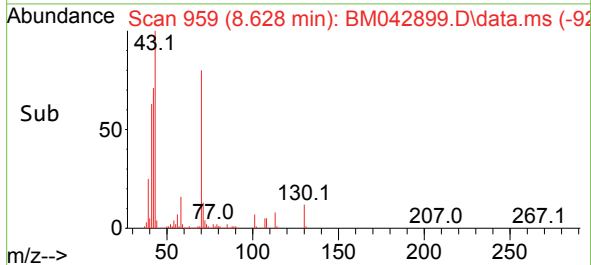
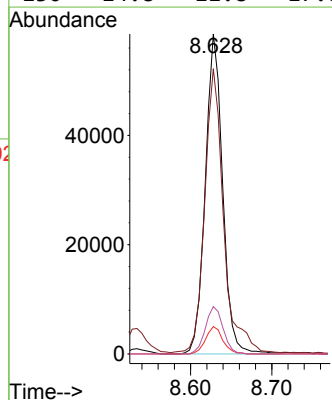
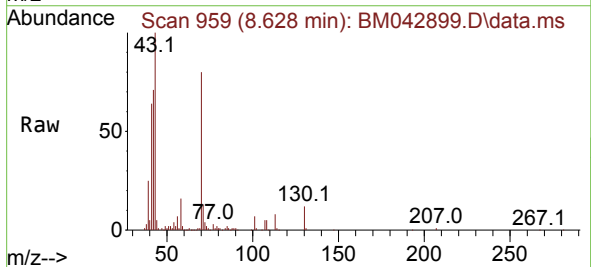
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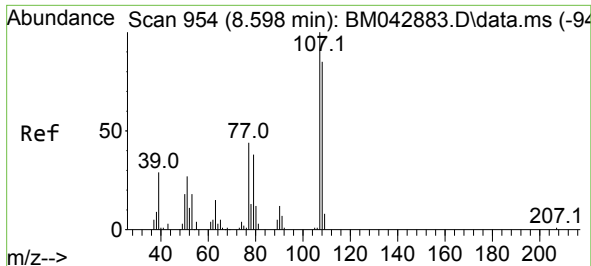
Tgt Ion:105 Resp: 136056
Ion Ratio Lower Upper
105 100
77 97.5 71.6 107.4
51 49.5 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 50.570 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion: 70 Resp: 87002
Ion Ratio Lower Upper
70 100
42 89.2 63.0 94.6
101 8.5 7.0 10.4
130 14.8 11.8 17.8

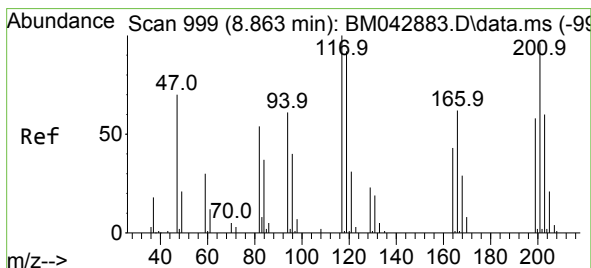
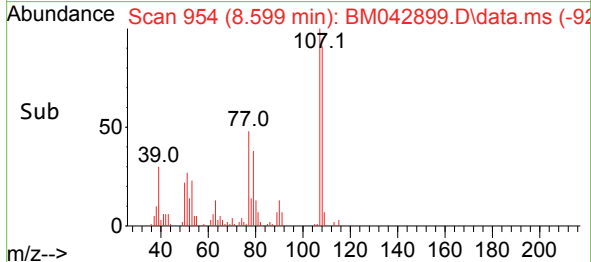
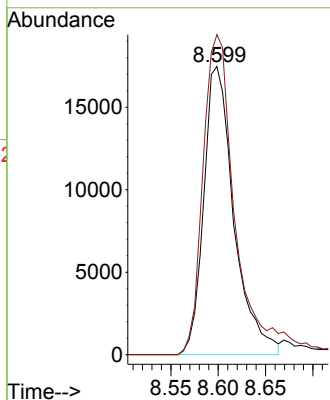
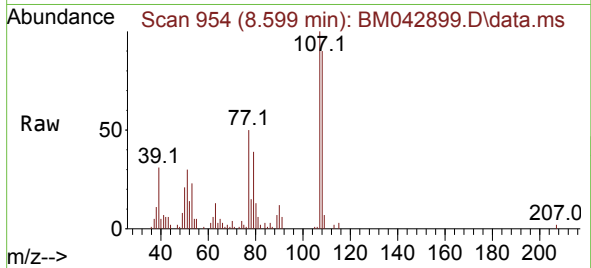




#18
4-Methylphenol
Concen: 22.518 ng/ul
RT: 8.599 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

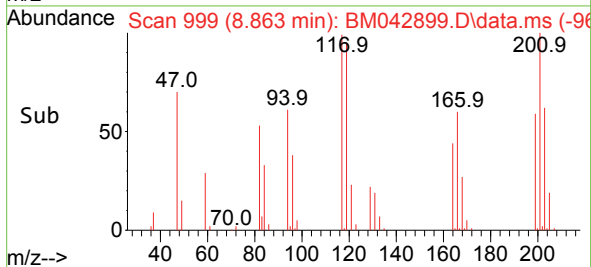
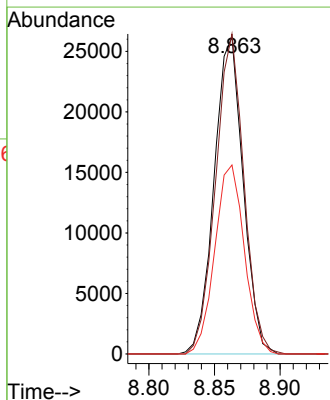
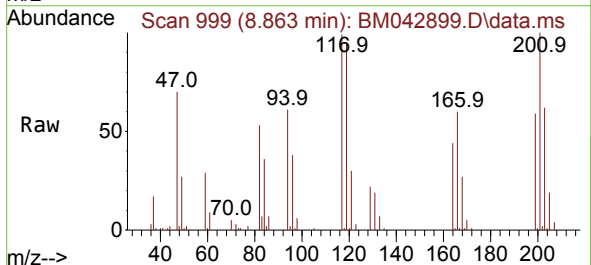
Instrument :
BNA_M
ClientSampleId :

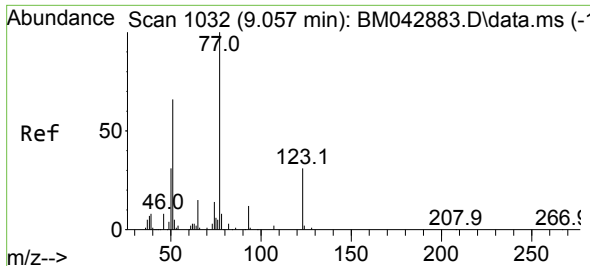
Tgt Ion:108 Resp: 38763
Ion Ratio Lower Upper
108 100
107 111.0 89.4 134.0



#19
Hexachloroethane
Concen: 44.061 ng/ul
RT: 8.863 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion:117 Resp: 40255
Ion Ratio Lower Upper
117 100
201 100.9 90.0 135.0
199 59.6 52.2 78.4

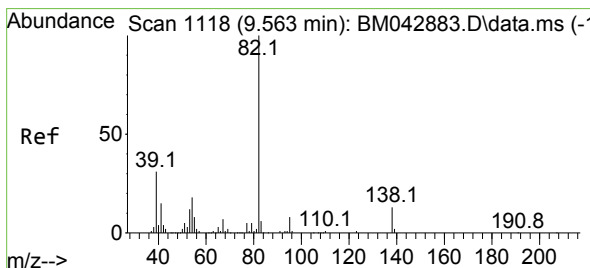
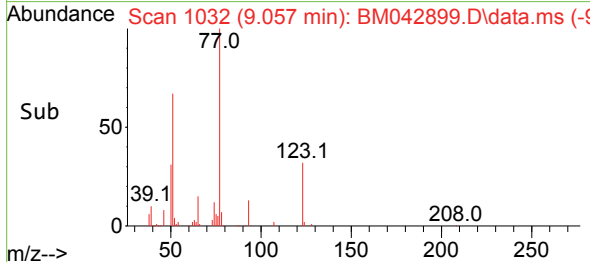
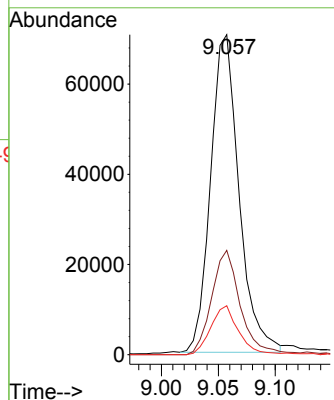
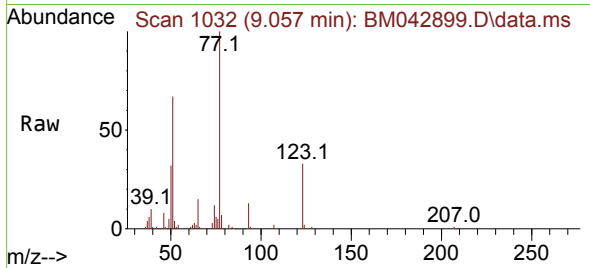




#22
Nitrobenzene
Concen: 53.166 ng/ul
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

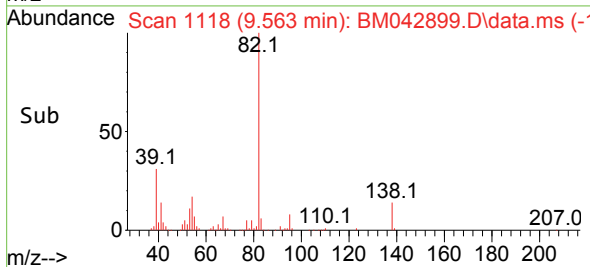
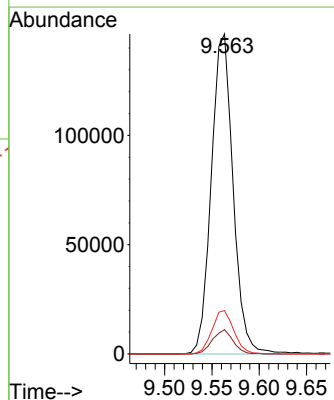
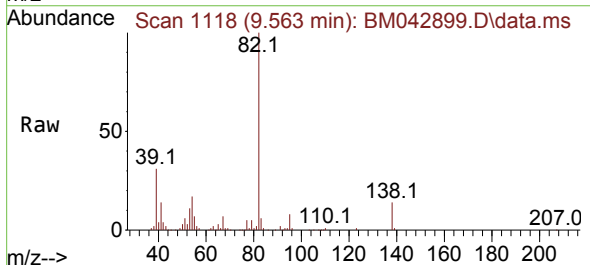
Instrument :
BNA_M
ClientSampleId :

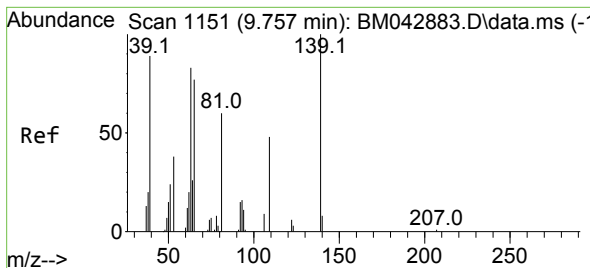
Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.6	28.4	42.6
65	15.3	12.4	18.6



#23
Isophorone
Concen: 50.825 ng/ul
RT: 9.563 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	13.5	12.1	18.1

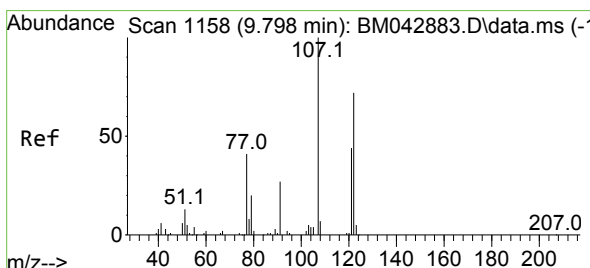
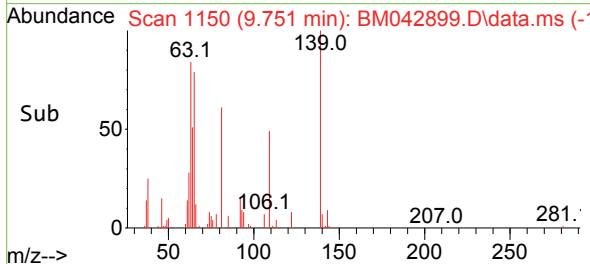
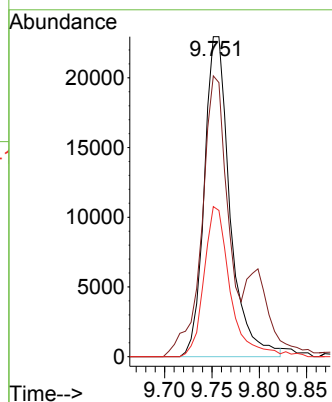
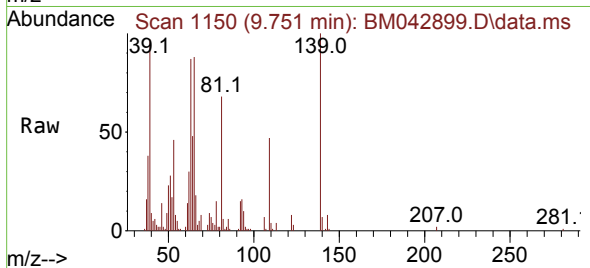




#25
2-Nitrophenol
Concen: 47.772 ng/ul
RT: 9.751 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

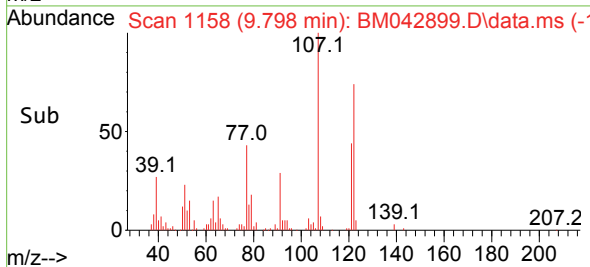
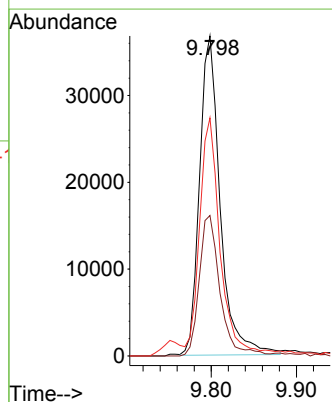
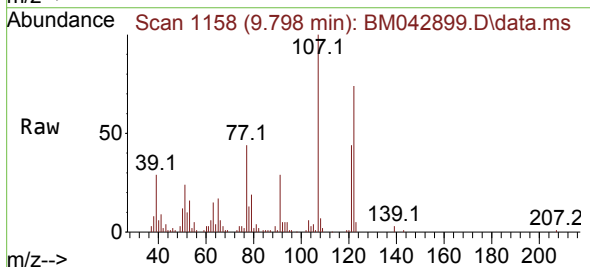
Instrument :
BNA_M
ClientSampleId :

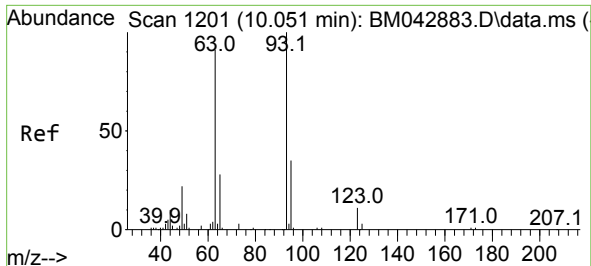
Tgt Ion:139 Resp: 43379
Ion Ratio Lower Upper
139 100
65 87.7 59.1 88.7
109 46.9 33.9 50.9



#26
2,4-Dimethylphenol
Concen: 31.898 ng/ul
RT: 9.798 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion:107 Resp: 61972
Ion Ratio Lower Upper
107 100
121 43.9 38.0 57.0
122 74.4 60.5 90.7

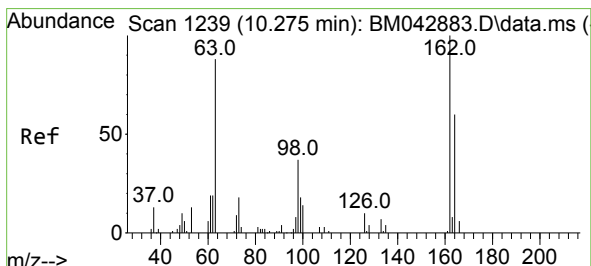
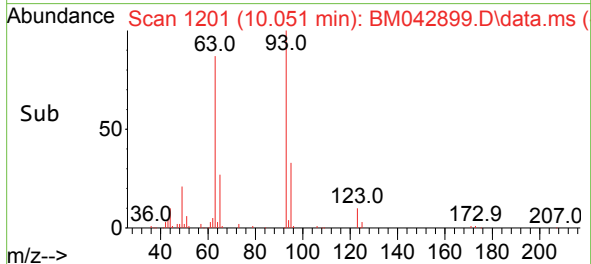
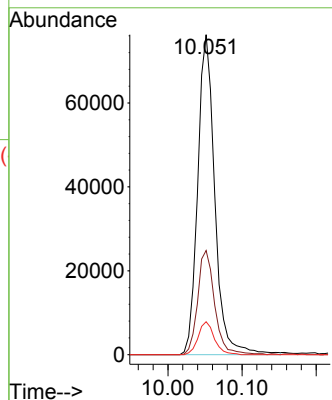
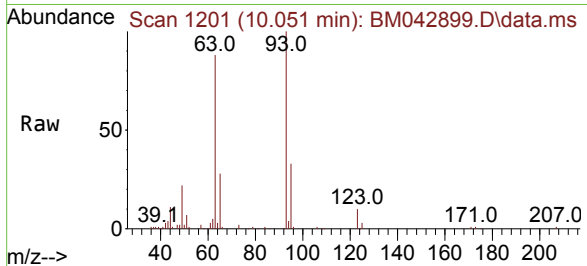




#27
 Bis(2-Chloroethoxy)methane
 Concen: 52.600 ng/ul
 RT: 10.051 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BM042899.D
 Acq: 19 Nov 2023 10:48

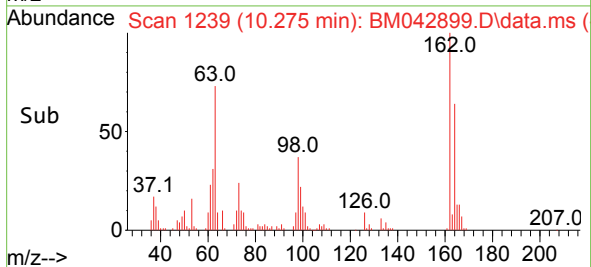
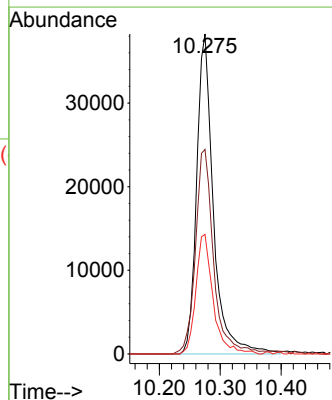
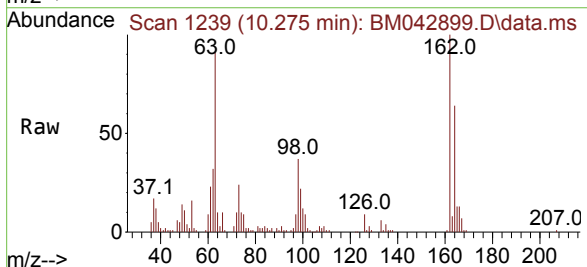
Instrument :
 BNA_M
 ClientSampleId :

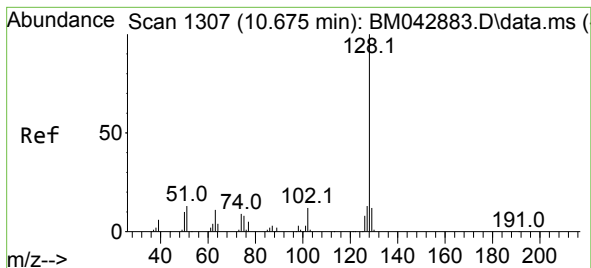
Tgt Ion: 93 Resp: 122240
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.3 8.2 12.2



#29
 2,4-Dichlorophenol
 Concen: 46.575 ng/ul
 RT: 10.275 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: BM042899.D
 Acq: 19 Nov 2023 10:48

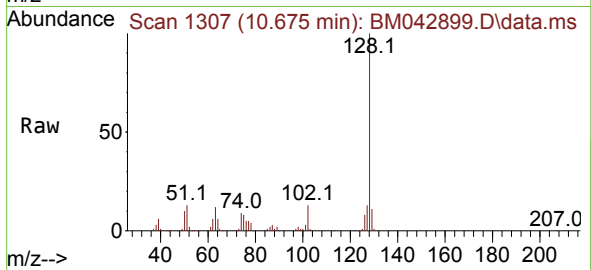
Tgt Ion:162 Resp: 73281
 Ion Ratio Lower Upper
 162 100
 164 63.9 53.4 80.2
 98 37.4 28.4 42.6



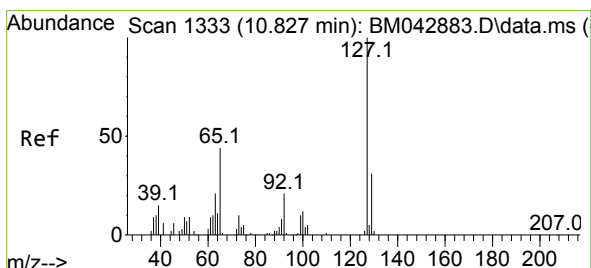
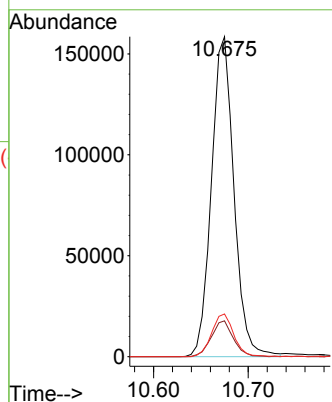
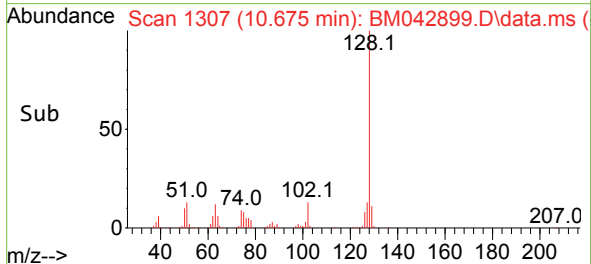


#30
Naphthalene
Concen: 47.949 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Instrument :
BNA_M
ClientSampleId :

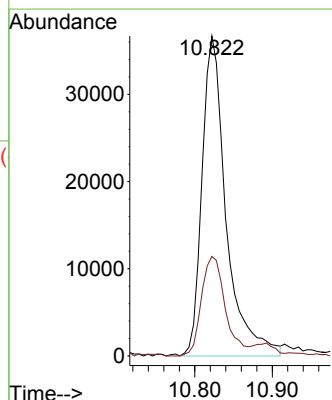
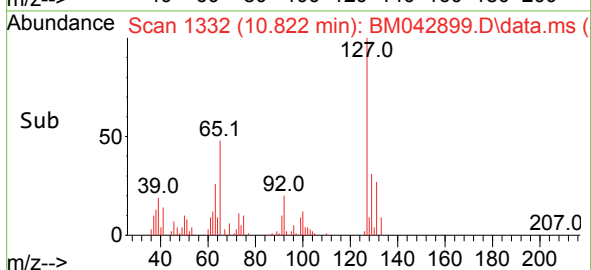
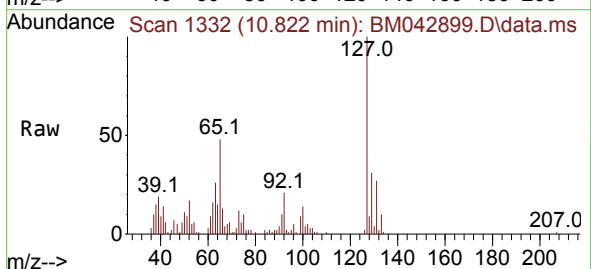


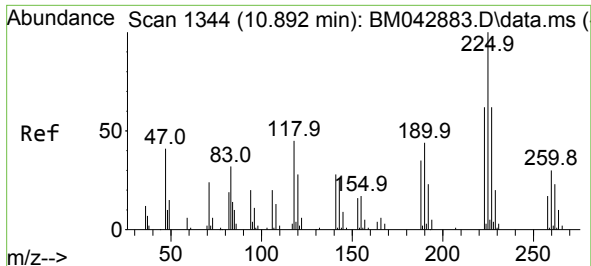
Tgt Ion:128 Resp: 261765
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.5 15.7



#32
4-Chloroaniline
Concen: 39.171 ng/ul
RT: 10.822 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion:127 Resp: 79293
Ion Ratio Lower Upper
127 100
129 31.1 26.7 40.1

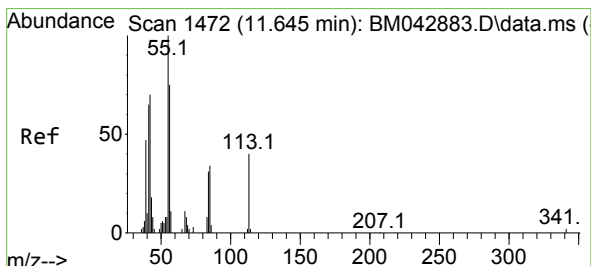
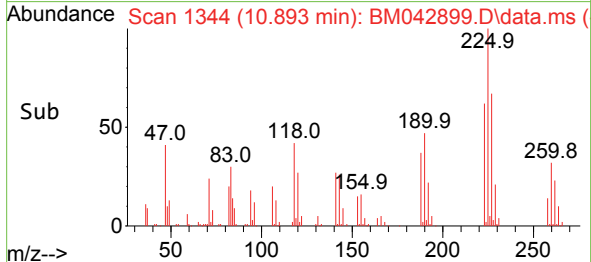
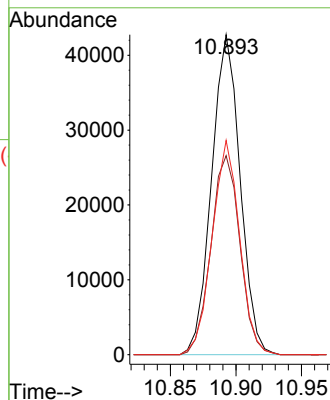
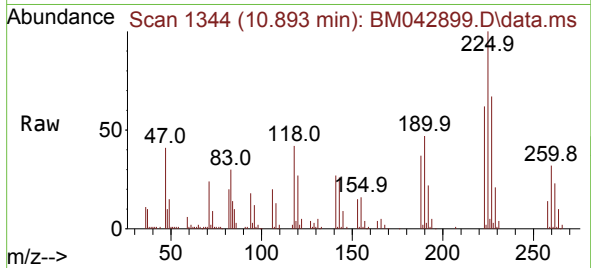




#33
Hexachlorobutadiene
Concen: 46.587 ng/ul
RT: 10.893 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

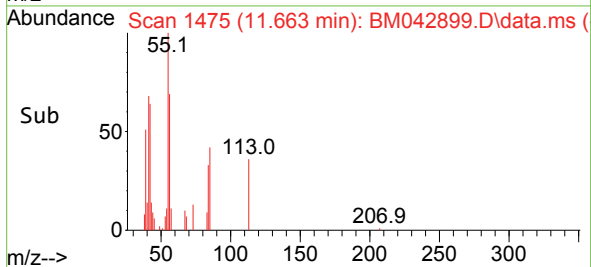
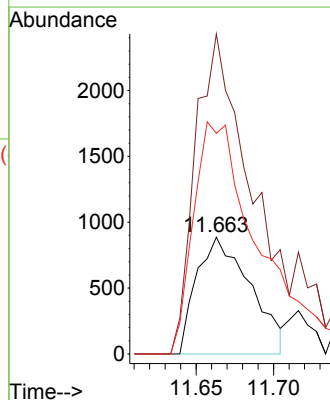
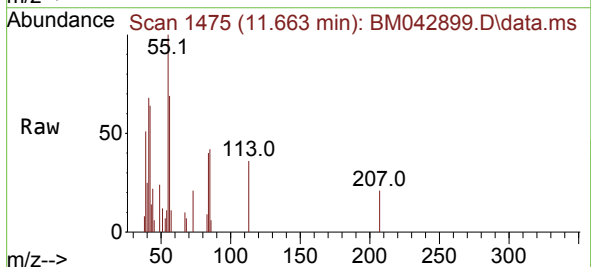
Instrument :
BNA_M
ClientSampleId :

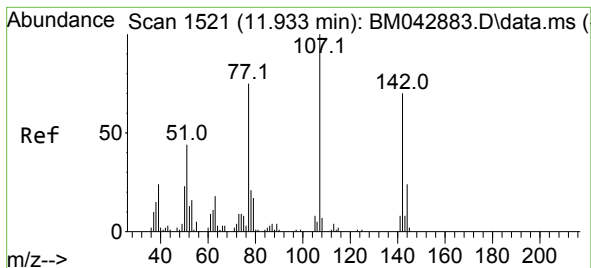
Tgt Ion:225 Resp: 64748
Ion Ratio Lower Upper
225 100
223 62.2 53.0 79.4
227 66.9 50.5 75.7



#34
Caprolactam
Concen: 4.576 ng/ul
RT: 11.663 min Scan# 1475
Delta R.T. 0.018 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion:113 Resp: 2135
Ion Ratio Lower Upper
113 100
55 274.2 184.2 276.2
56 189.1 134.3 201.5

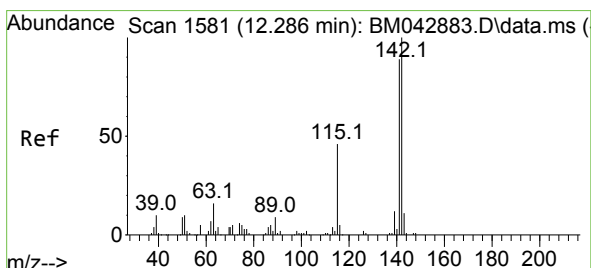
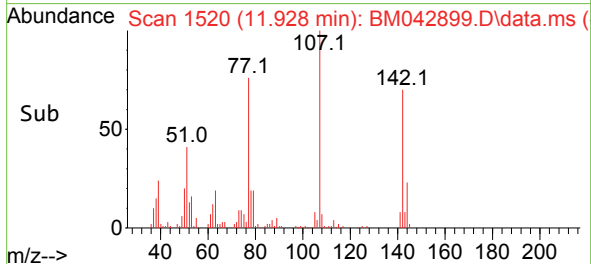
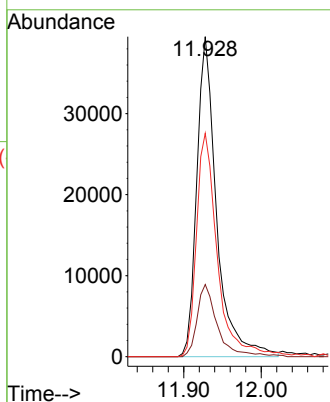
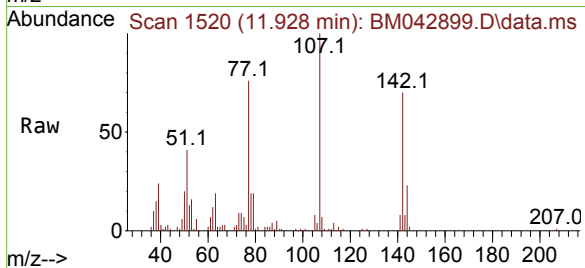




#35
4-Chloro-3-methylphenol
Concen: 41.653 ng/ul
RT: 11.928 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

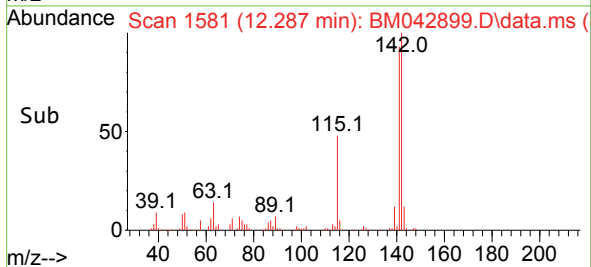
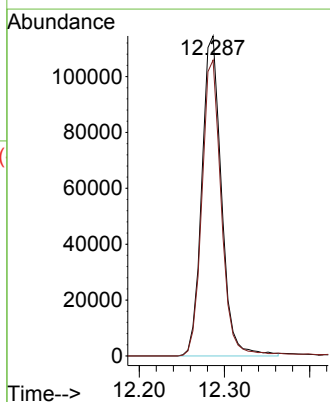
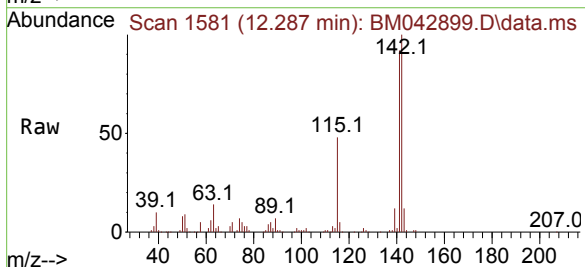
Instrument :
BNA_M
ClientSampleId :

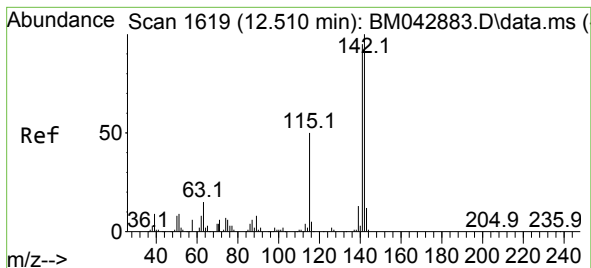
Tgt Ion:107 Resp: 70224
Ion Ratio Lower Upper
107 100
144 22.6 18.3 27.5
142 69.8 56.3 84.5



#36
2-Methylnaphthalene
Concen: 50.138 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion:142 Resp: 183446
Ion Ratio Lower Upper
142 100
141 92.5 73.6 110.4





#37

1-Methylnaphthalene

Concen: 48.311 ng/ul

RT: 12.504 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

ClientSampleId :

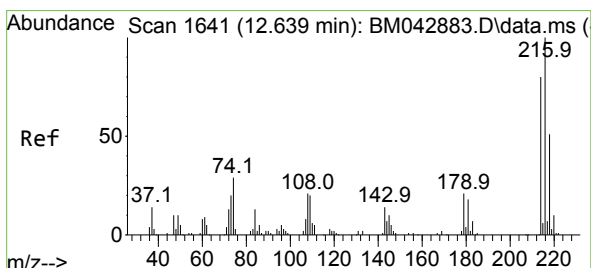
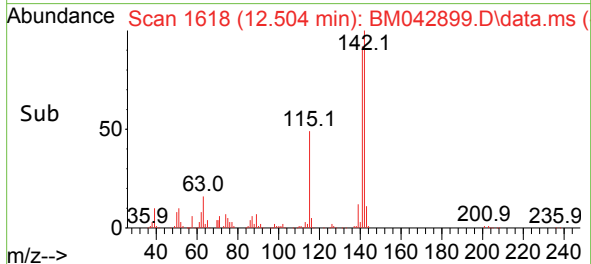
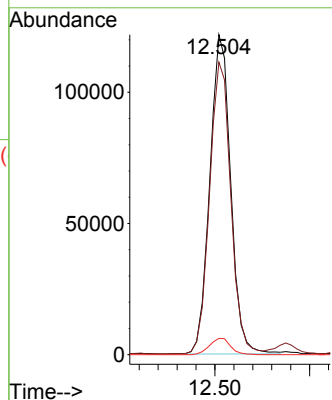
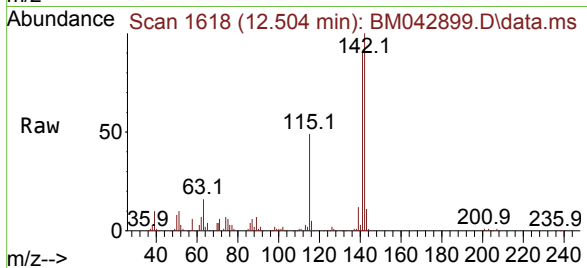
Tgt Ion:142 Resp: 185848

Ion Ratio Lower Upper

142 100

141 91.4 73.3 109.9

116 5.1 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.960 ng/ul

RT: 12.639 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Tgt Ion:216 Resp: 121179

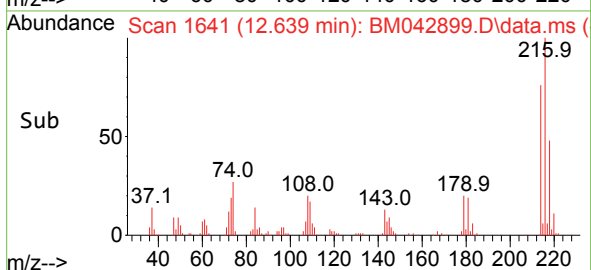
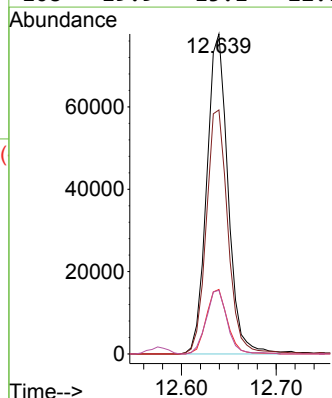
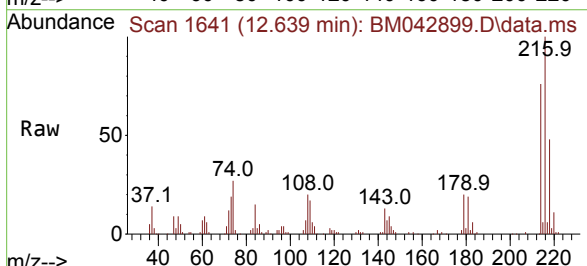
Ion Ratio Lower Upper

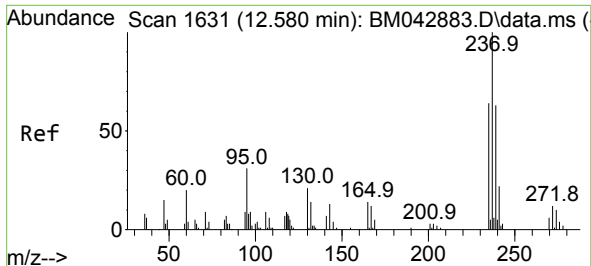
216 100

214 76.2 64.1 96.1

179 20.1 15.5 23.3

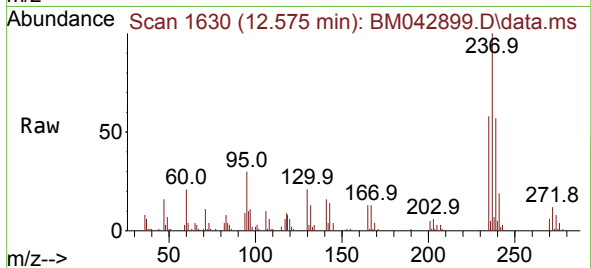
108 19.9 15.1 22.7



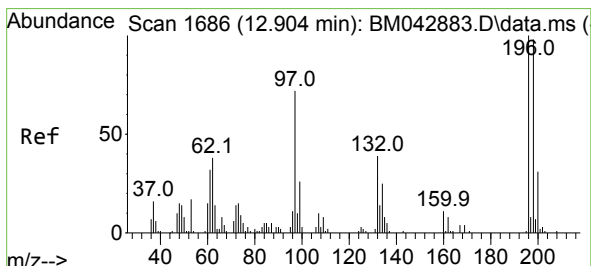
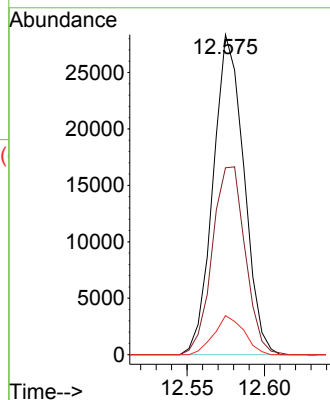
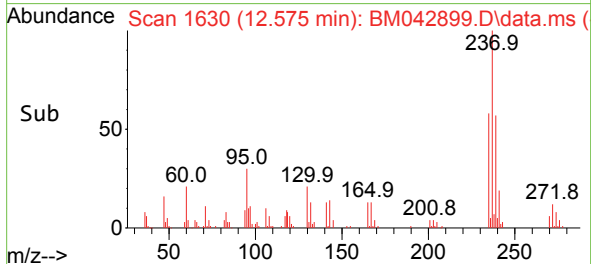


#40
Hexachlorocyclopentadiene
Concen: 36.838 ng/ul
RT: 12.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

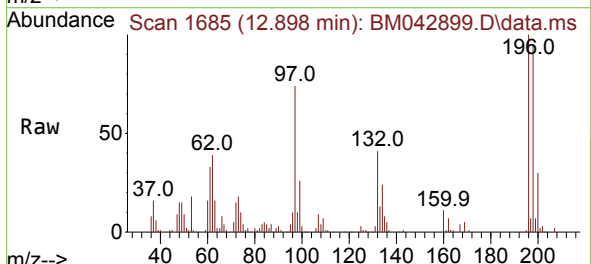
Instrument :
BNA_M
ClientSampleId :



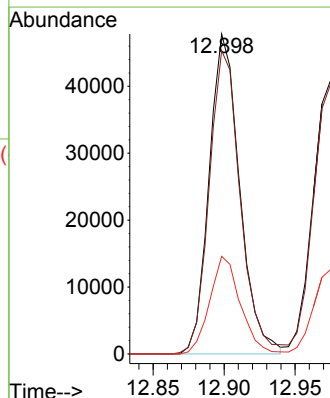
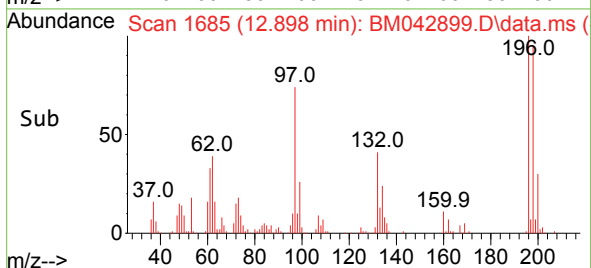
Tgt Ion:237 Resp: 39166
Ion Ratio Lower Upper
237 100
235 58.4 53.3 79.9
272 12.2 10.7 16.1

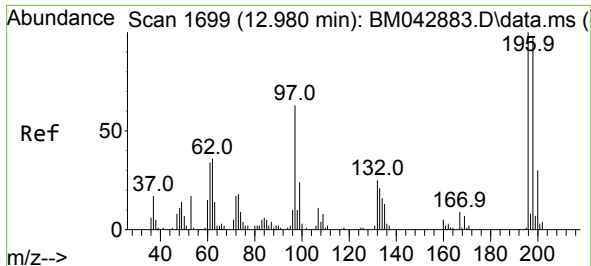


#41
2,4,6-Trichlorophenol
Concen: 52.146 ng/ul
RT: 12.898 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48



Tgt Ion:196 Resp: 71531
Ion Ratio Lower Upper
196 100
198 94.8 81.0 121.4
200 30.5 24.1 36.1

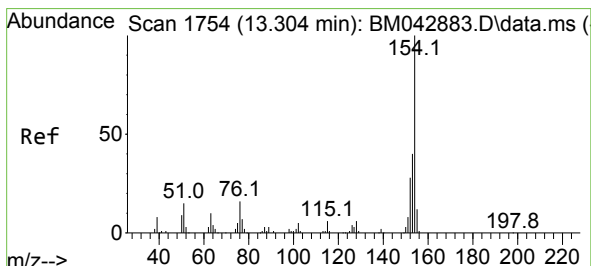
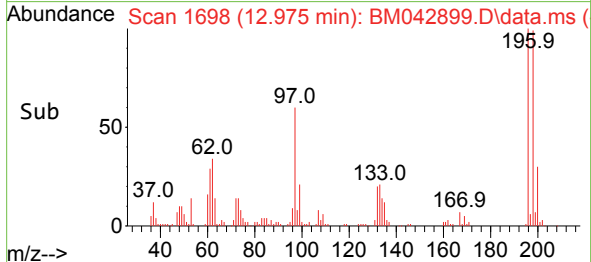
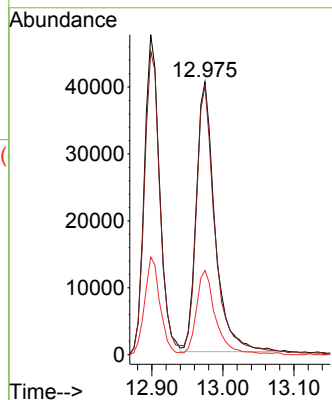
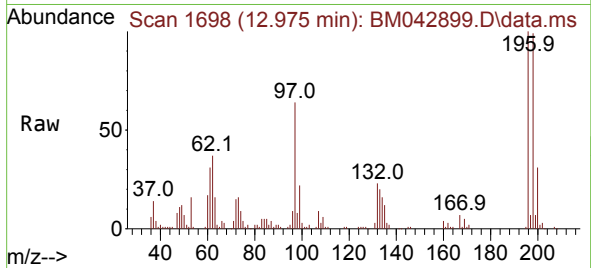




#42
2,4,5-Trichlorophenol
Concen: 55.808 ng/ul
RT: 12.975 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

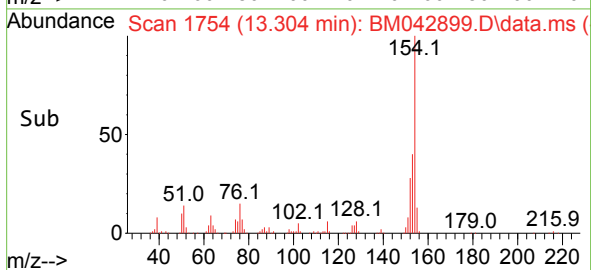
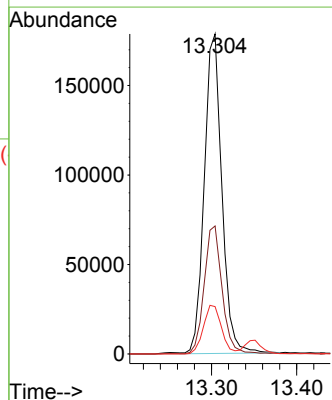
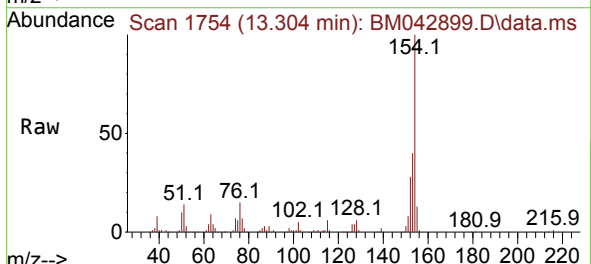
Instrument :
BNA_M
ClientSampleId :

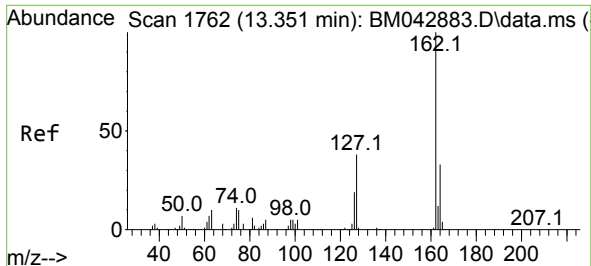
Tgt Ion:196 Resp: 73921
Ion Ratio Lower Upper
196 100
198 98.6 77.4 116.0
200 30.8 26.2 39.4



#43
1,1'-Biphenyl
Concen: 53.611 ng/ul
RT: 13.304 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion:154 Resp: 256017
Ion Ratio Lower Upper
154 100
153 40.0 32.4 48.6
76 14.8 10.7 16.1

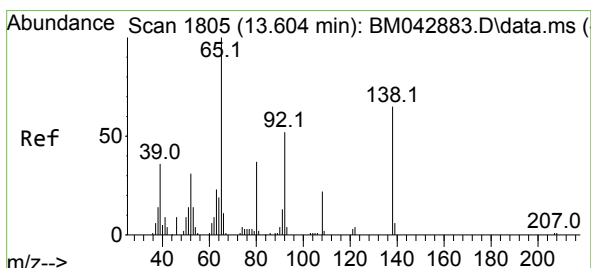
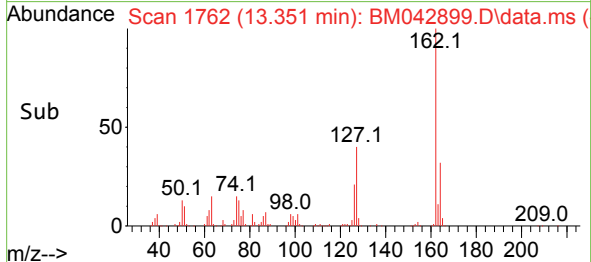
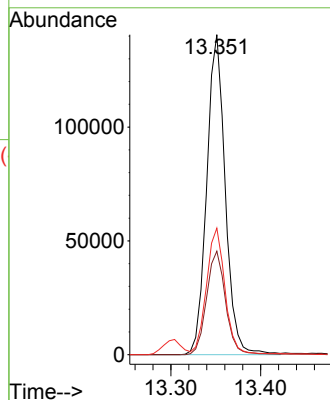
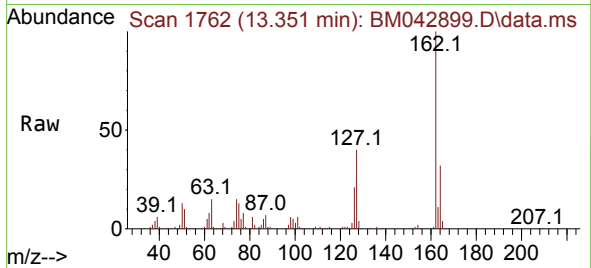




#44
2-Chloronaphthalene
Concen: 52.478 ng/ul
RT: 13.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

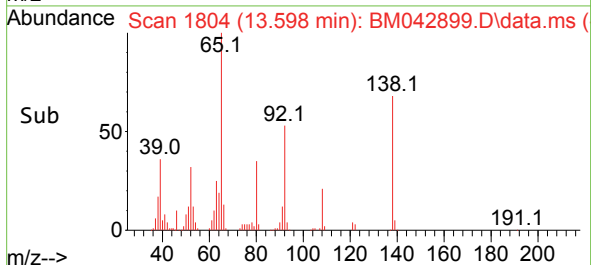
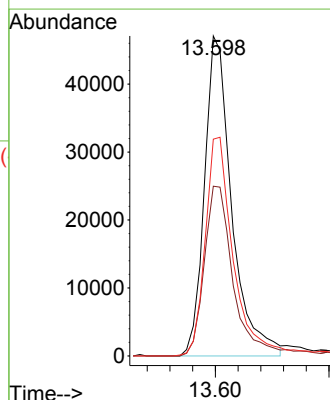
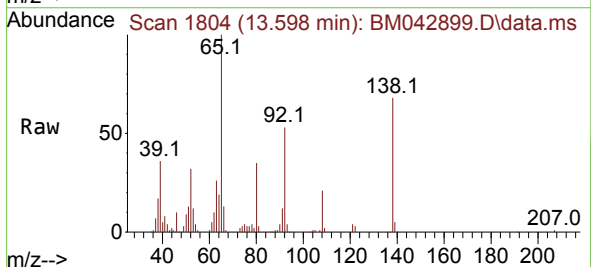
Instrument :
BNA_M
ClientSampleId :

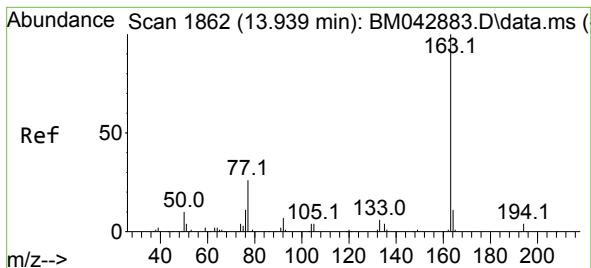
Tgt Ion:162 Resp: 201607
Ion Ratio Lower Upper
162 100
164 32.4 24.2 36.2
127 39.5 30.8 46.2



#45
2-Nitroaniline
Concen: 62.614 ng/ul
RT: 13.598 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion: 65 Resp: 78448
Ion Ratio Lower Upper
65 100
92 53.0 49.1 73.7
138 67.8 61.8 92.8





#47

Dimethylphthalate

Concen: 56.142 ng/ul

RT: 13.939 min Scan# 1862

Delta R.T. 0.000 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

ClientSampleId :

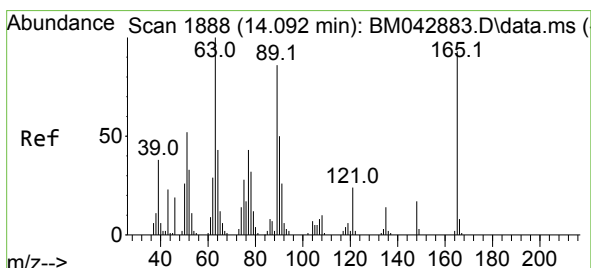
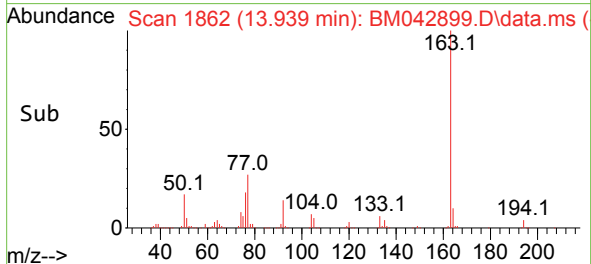
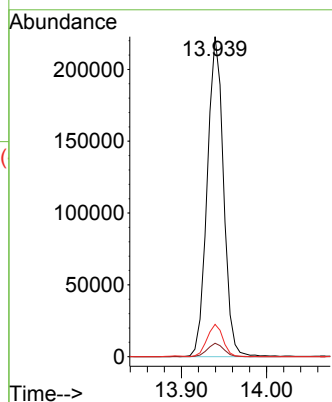
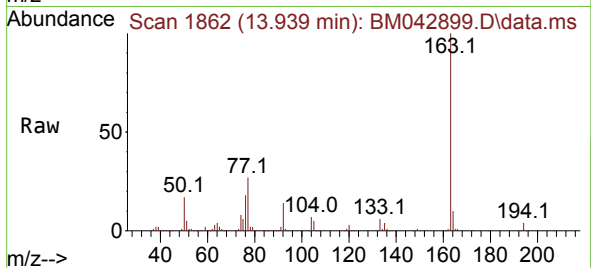
Tgt Ion:163 Resp: 296348

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.1 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 56.486 ng/ul

RT: 14.092 min Scan# 1888

Delta R.T. 0.000 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

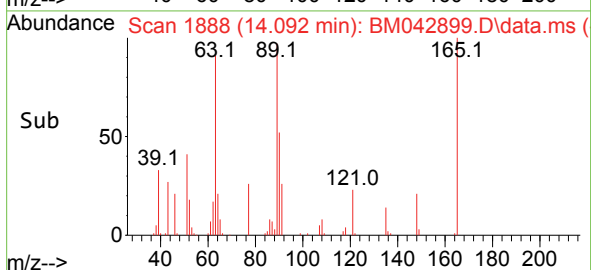
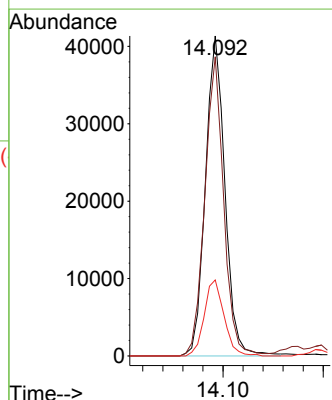
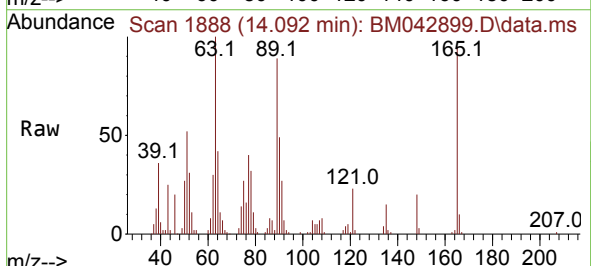
Tgt Ion:165 Resp: 56016

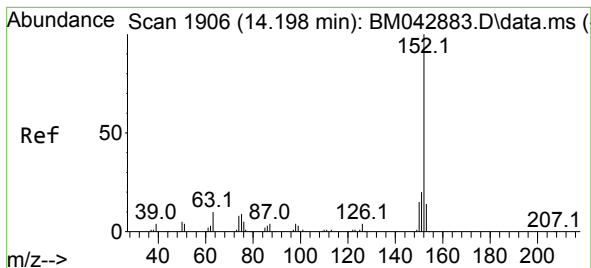
Ion Ratio Lower Upper

165 100

89 93.5 64.1 96.1

121 23.7 18.4 27.6





#50

Acenaphthylene

Concen: 54.318 ng/ul

RT: 14.198 min Scan# 1906

Delta R.T. 0.000 min

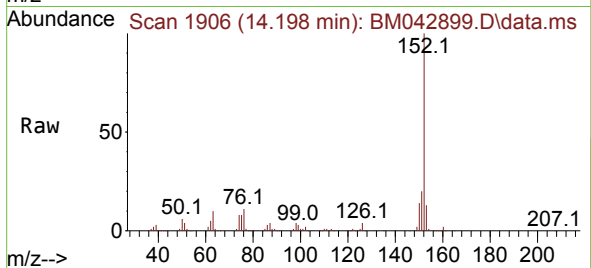
Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

ClientSampleId :



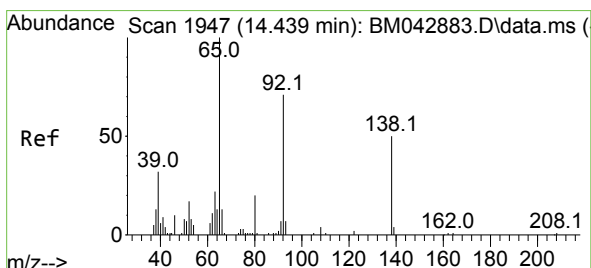
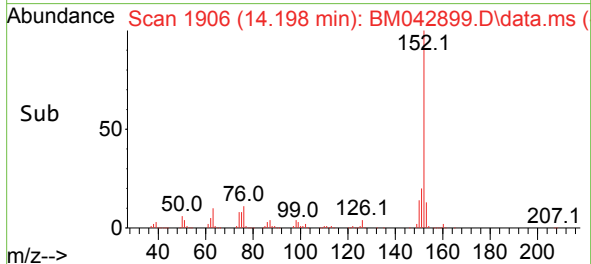
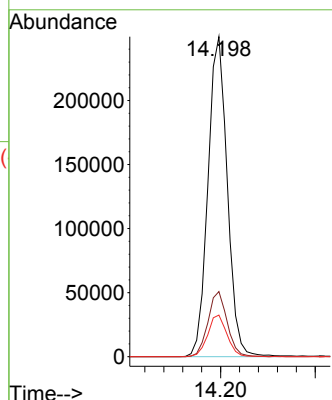
Tgt Ion:152 Resp: 352921

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 13.0 10.5 15.7



#51

3-Nitroaniline

Concen: 49.443 ng/ul

RT: 14.433 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

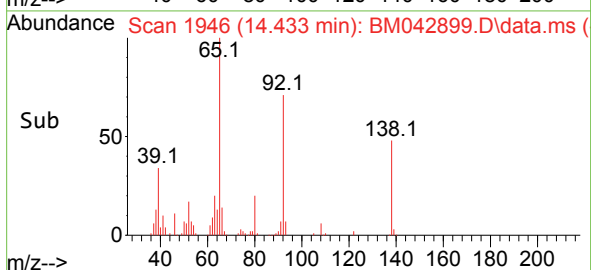
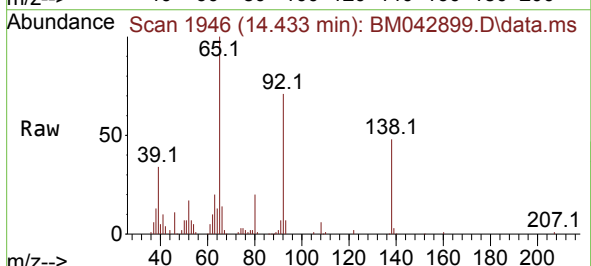
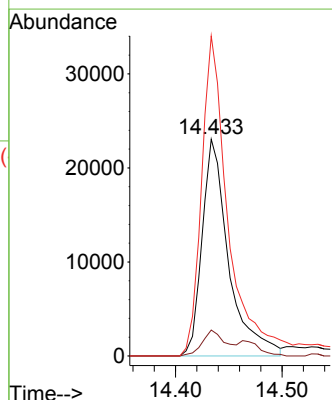
Tgt Ion:138 Resp: 40094

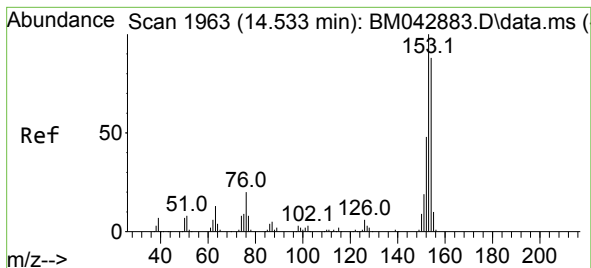
Ion Ratio Lower Upper

138 100

108 11.9 8.7 13.1

92 147.6 109.4 164.0





#52

Acenaphthene

Concen: 54.649 ng/ul

RT: 14.533 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

ClientSampleId :

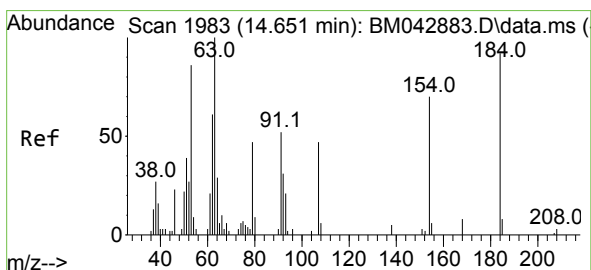
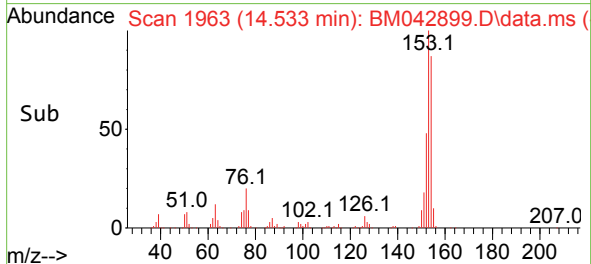
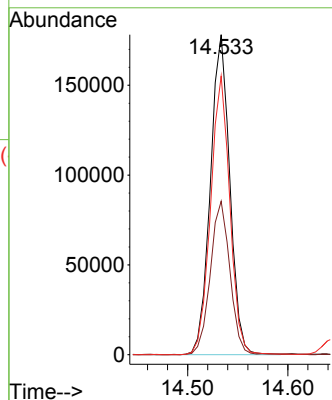
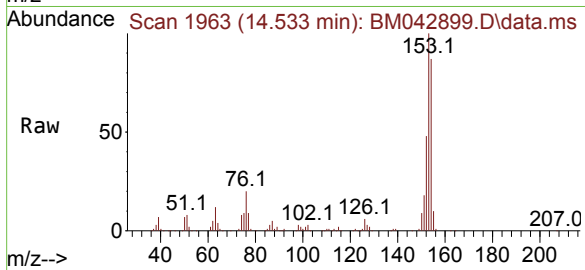
Tgt Ion:153 Resp: 240138

Ion Ratio Lower Upper

153 100

152 48.0 38.2 57.2

154 87.1 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 45.144 ng/ul

RT: 14.645 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

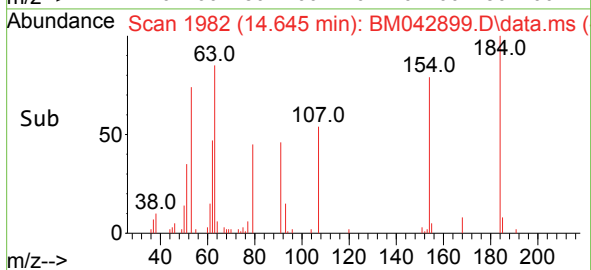
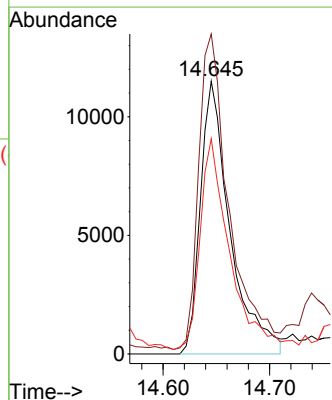
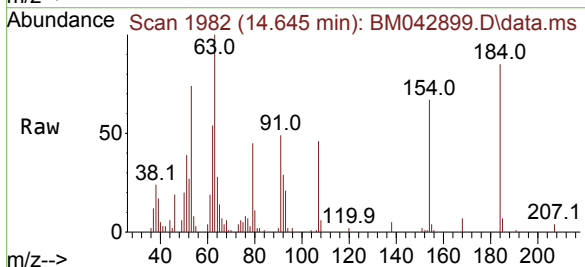
Tgt Ion:184 Resp: 22260

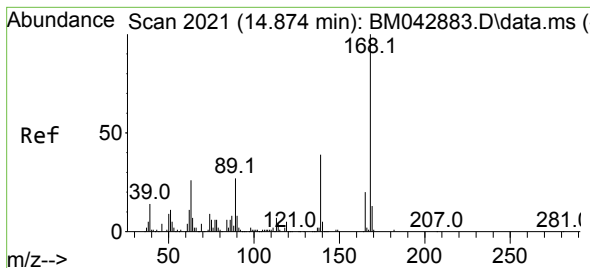
Ion Ratio Lower Upper

184 100

63 117.3 79.1 118.7

154 78.9 65.7 98.5





#56

Dibenzofuran

Concen: 56.596 ng/ul

RT: 14.869 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

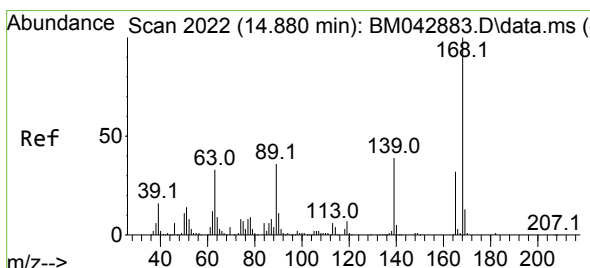
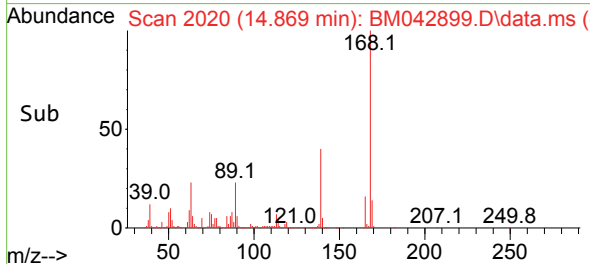
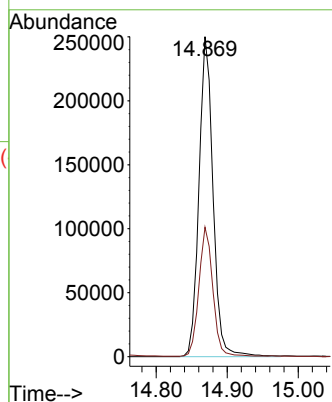
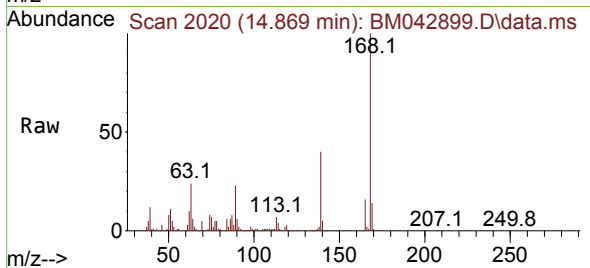
ClientSampleId :

Tgt Ion:168 Resp: 345179

Ion Ratio Lower Upper

168 100

139 40.4 30.8 46.2



#57

2,4-Dinitrotoluene

Concen: 59.768 ng/ul

RT: 14.875 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

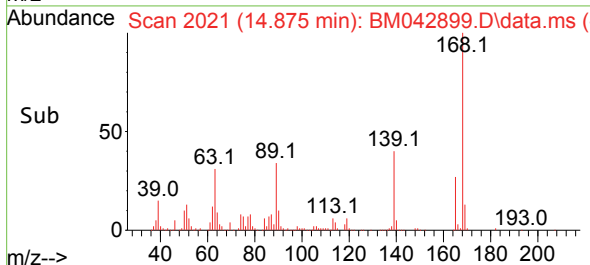
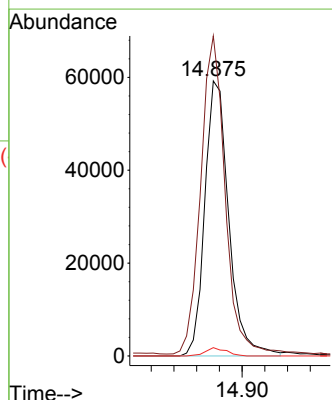
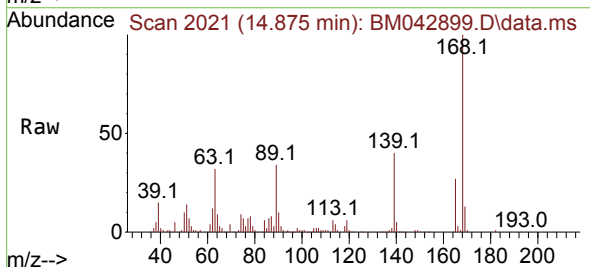
Tgt Ion:165 Resp: 87015

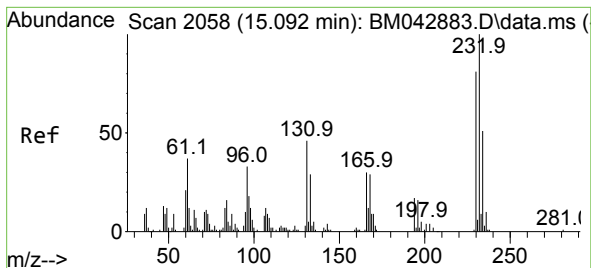
Ion Ratio Lower Upper

165 100

63 116.3 83.5 125.3

182 3.0 2.4 3.6

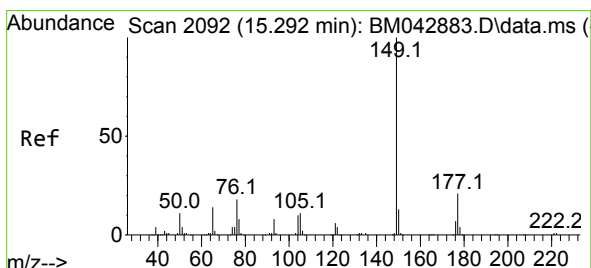
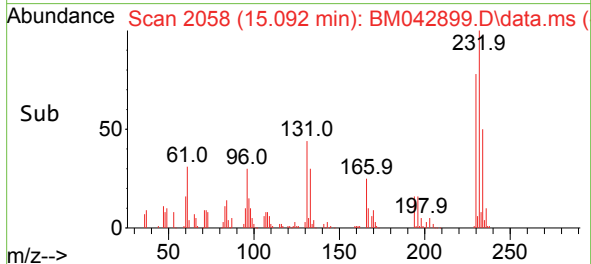
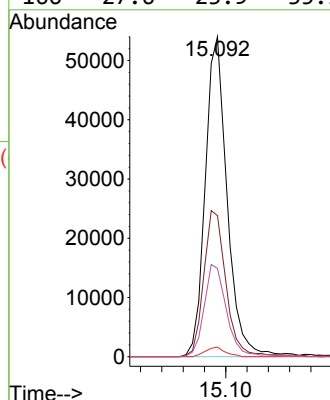
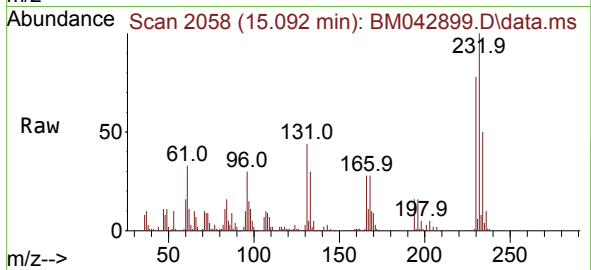




#58
2,3,4,6-Tetrachlorophenol
Concen: 55.919 ng/ul
RT: 15.092 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

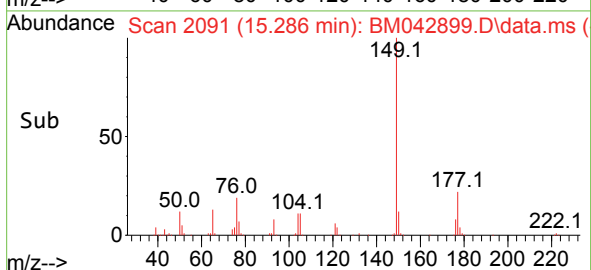
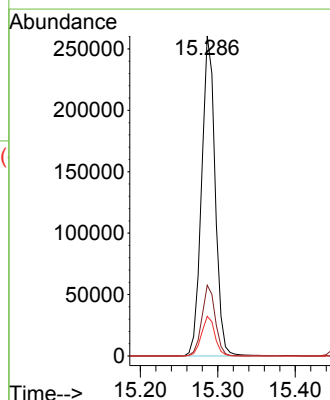
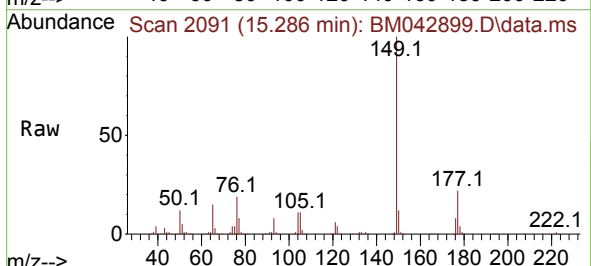
Instrument :
BNA_M
ClientSampleId :

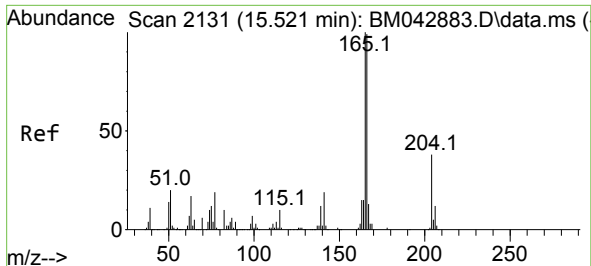
Tgt Ion:232	Resp:	76886
Ion Ratio	Lower	Upper
232	100	
131	44.1	38.9 58.3
130	3.0	1.9 2.9#
166	27.6	23.9 35.9



#59
Diethylphthalate
Concen: 57.268 ng/ul
RT: 15.286 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion:149	Resp:	316989
Ion Ratio	Lower	Upper
149	100	
177	22.1	17.0 25.6
150	12.4	9.7 14.5

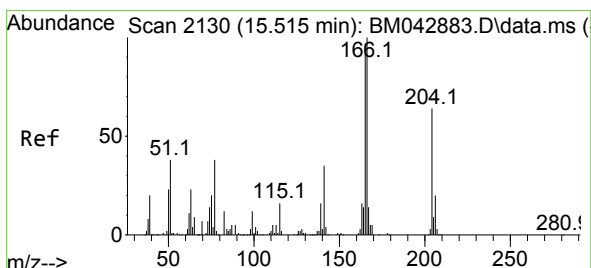
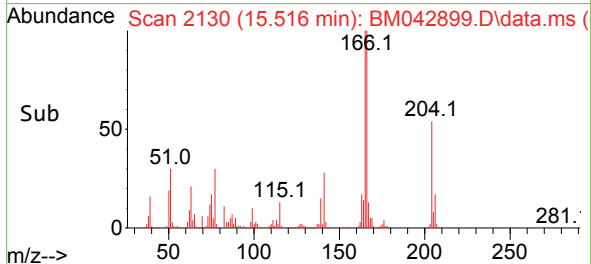
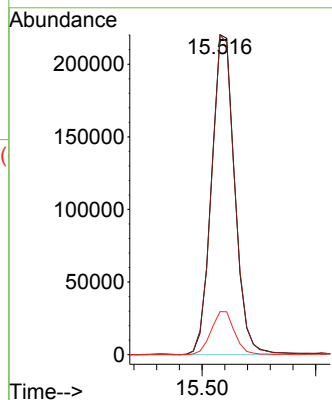
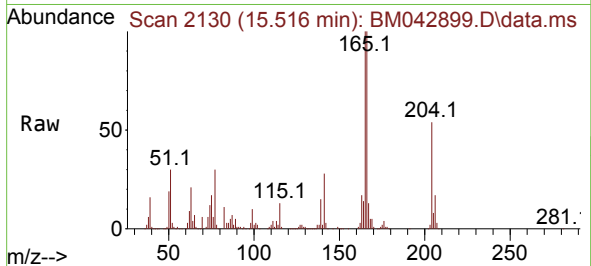




#61
Fluorene
Concen: 60.188 ng/ul
RT: 15.516 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

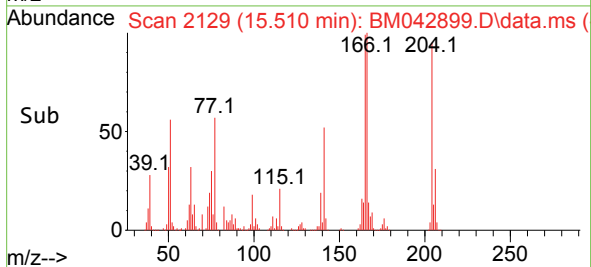
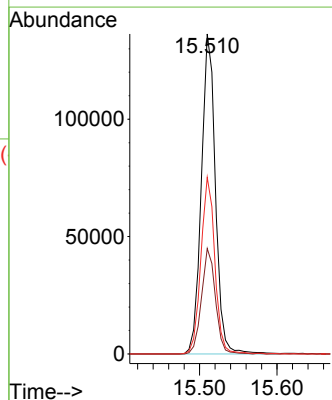
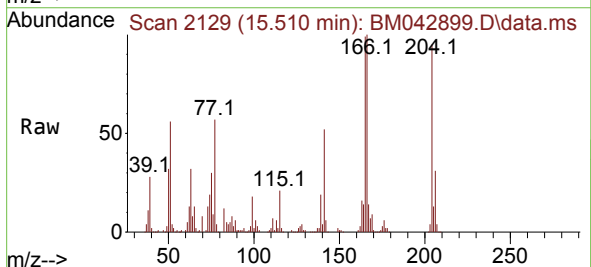
Instrument :
BNA_M
ClientSampleId :

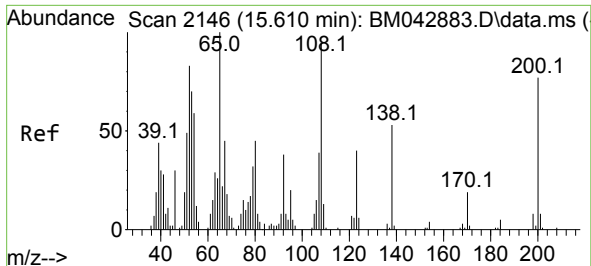
Tgt Ion:166 Resp: 311660
Ion Ratio Lower Upper
166 100
165 99.8 79.3 118.9
167 13.5 10.6 15.8



#62
4-Chlorophenyl-phenylether
Concen: 61.836 ng/ul
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion:204 Resp: 172561
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 55.2 46.0 69.0

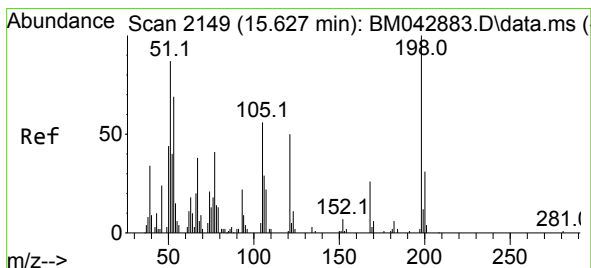
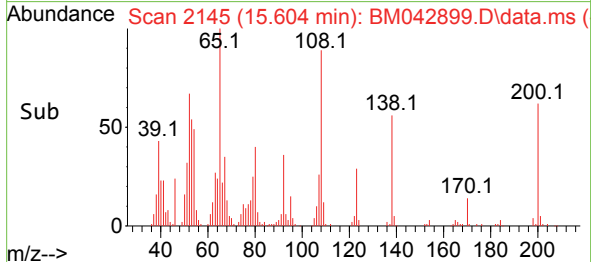
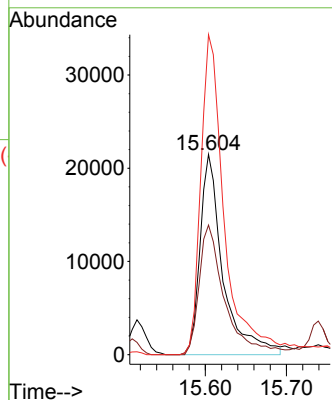
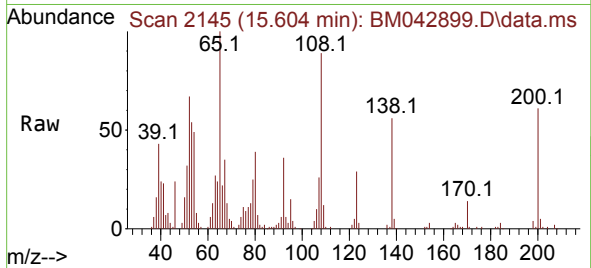




#63
4-Nitroaniline
Concen: 57.104 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

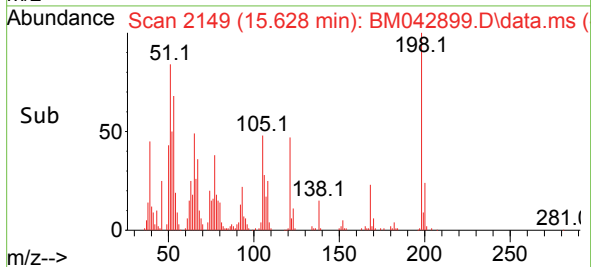
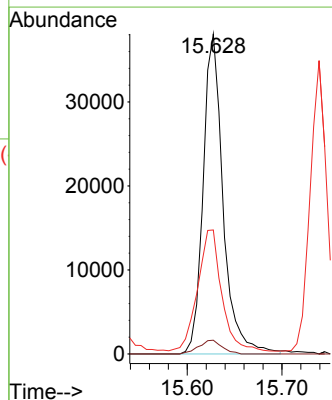
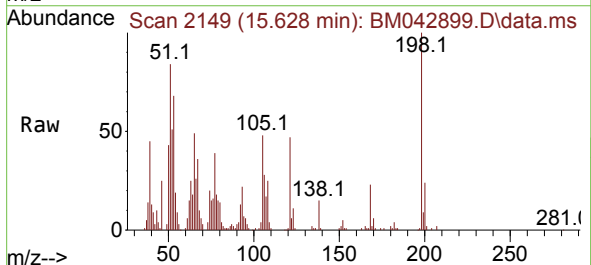
Instrument :
BNA_M
ClientSampleId :

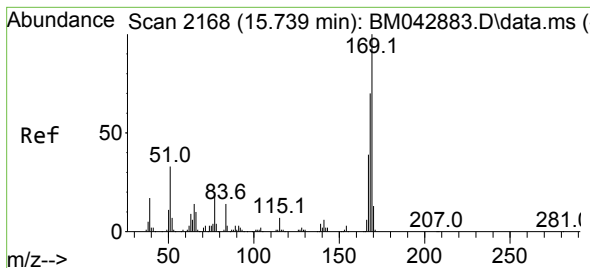
Tgt Ion:138 Resp: 42216
Ion Ratio Lower Upper
138 100
92 64.7 47.4 71.0
108 159.8 129.5 194.3



#66
4,6-Dinitro-2-methylphenol
Concen: 56.083 ng/ul
RT: 15.628 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion:198 Resp: 55772
Ion Ratio Lower Upper
198 100
182 4.3 3.4 5.0
77 38.7 26.9 40.3





#67

N-Nitrosodiphenylamine

Concen: 58.480 ng/ul

RT: 15.739 min Scan# 2168

Delta R.T. 0.000 min

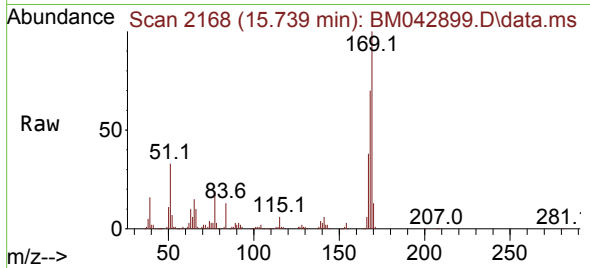
Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

ClientSampleId :



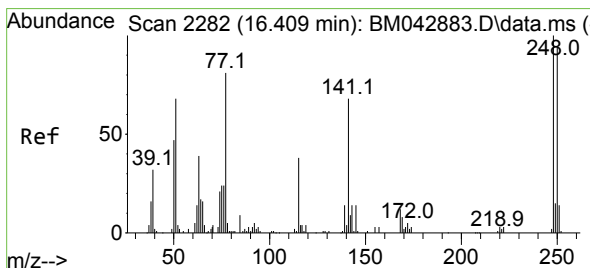
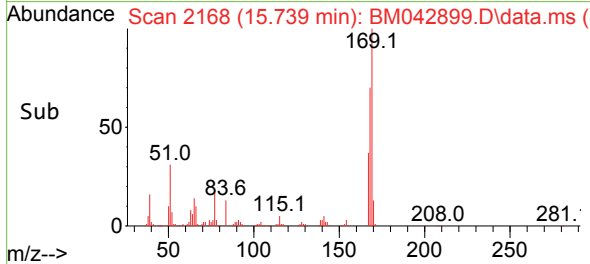
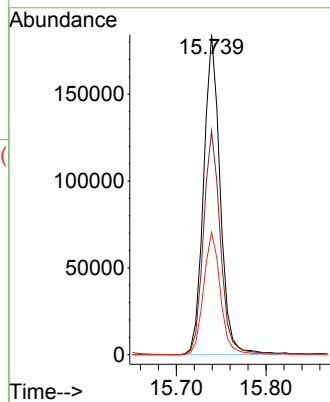
Tgt Ion:169 Resp: 236525

Ion Ratio Lower Upper

169 100

168 69.9 55.8 83.6

167 38.3 31.4 47.2



#68

4-Bromophenyl-phenylether

Concen: 59.165 ng/ul

RT: 16.410 min Scan# 2282

Delta R.T. 0.000 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

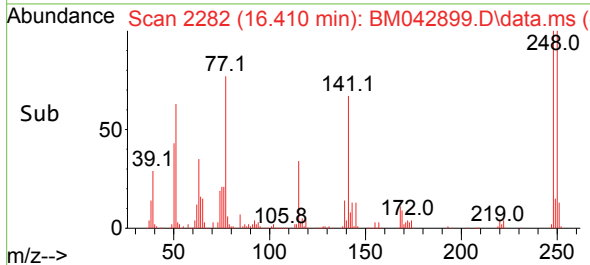
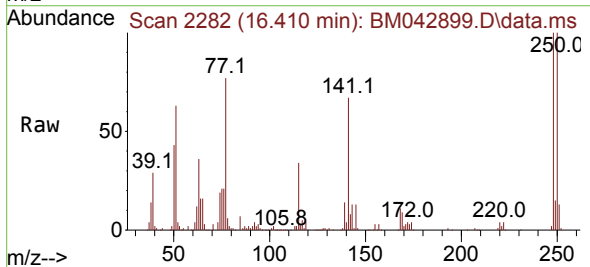
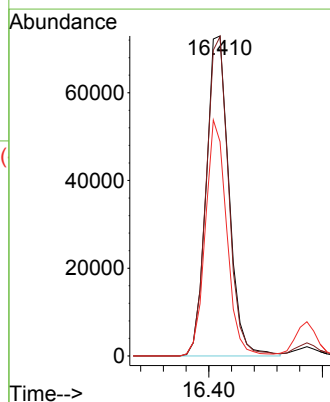
Tgt Ion:248 Resp: 101556

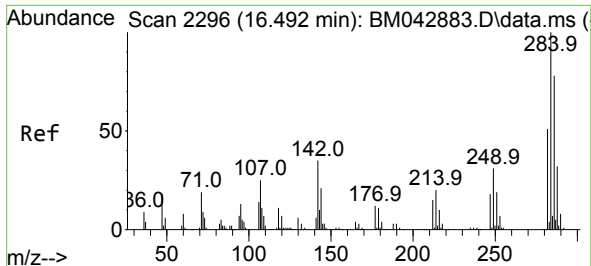
Ion Ratio Lower Upper

248 100

250 99.8 84.3 126.5

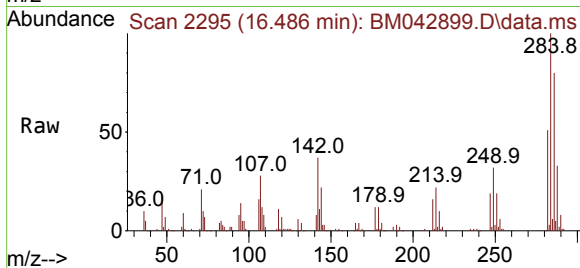
141 66.9 60.1 90.1



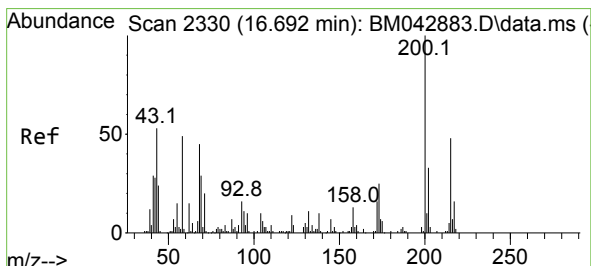
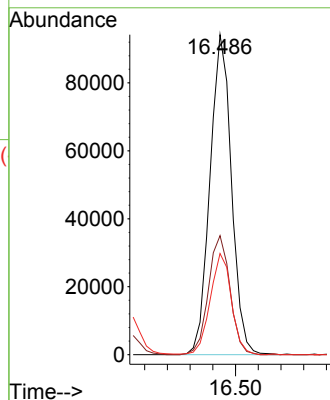
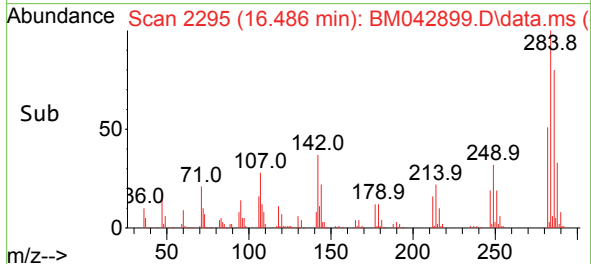


#69
Hexachlorobenzene
Concen: 58.945 ng/ul
RT: 16.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

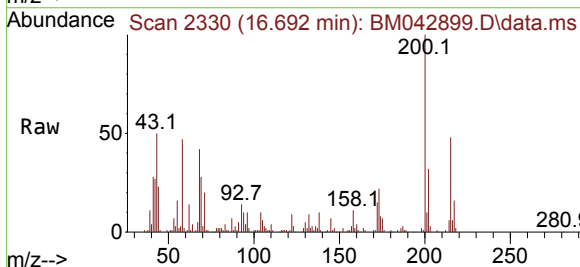
Instrument :
BNA_M
ClientSampleId :



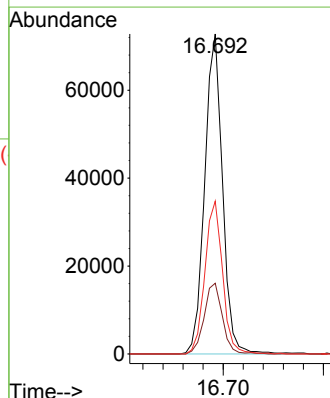
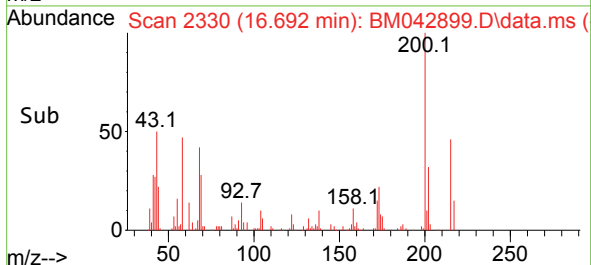
Tgt Ion:284 Resp: 123690
Ion Ratio Lower Upper
284 100
142 37.2 30.5 45.7
249 31.6 25.3 37.9

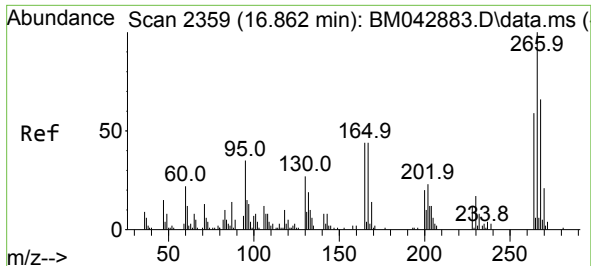


#70
Atrazine
Concen: 57.783 ng/ul
RT: 16.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48



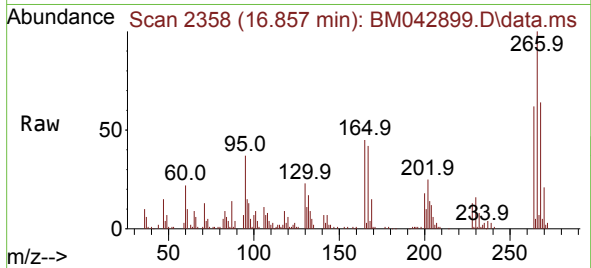
Tgt Ion:200 Resp: 90021
Ion Ratio Lower Upper
200 100
173 22.1 19.8 29.6
215 47.8 38.2 57.2



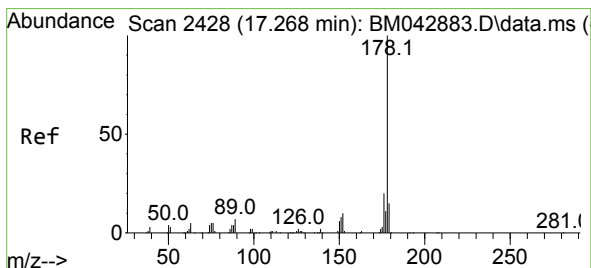
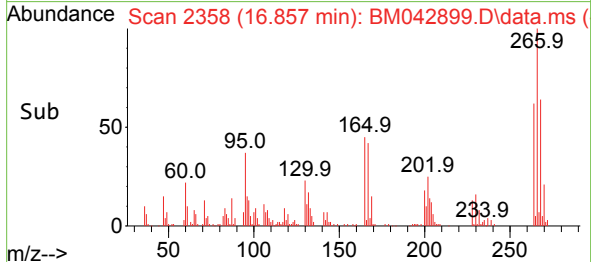
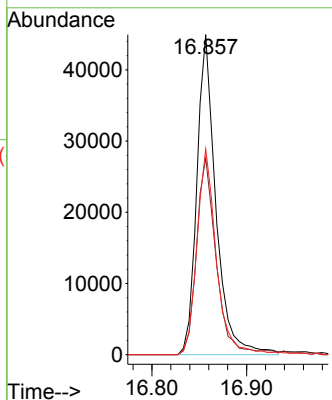


#71
 Pentachlorophenol
 Concen: 52.096 ng/ul
 RT: 16.857 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042899.D
 Acq: 19 Nov 2023 10:48

Instrument :
 BNA_M
 ClientSampleId :

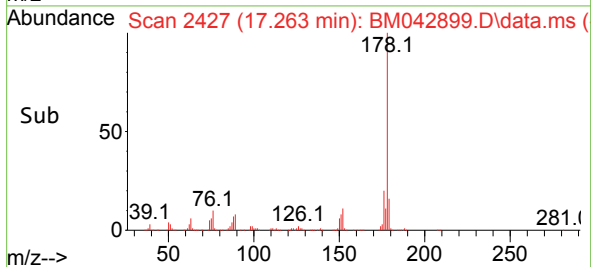
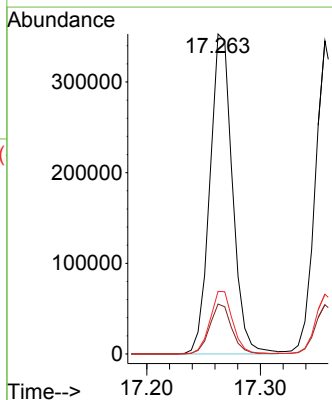
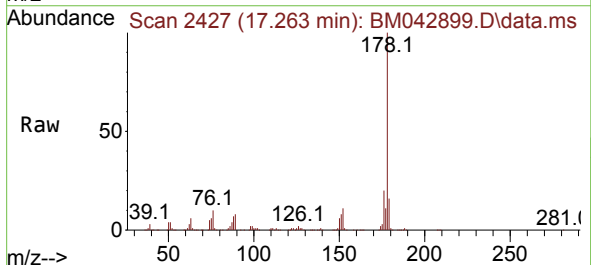


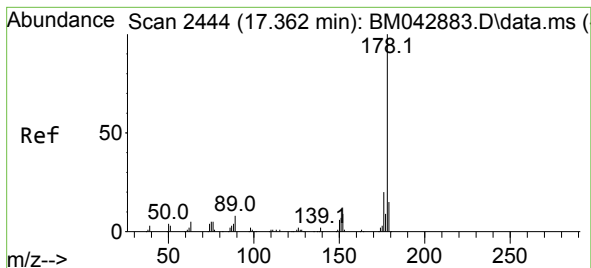
Tgt Ion:266 Resp: 62950
 Ion Ratio Lower Upper
 266 100
 264 61.5 50.3 75.5
 268 64.3 52.1 78.1



#72
 Phenanthrene
 Concen: 60.635 ng/ul
 RT: 17.263 min Scan# 2427
 Delta R.T. -0.006 min
 Lab File: BM042899.D
 Acq: 19 Nov 2023 10:48

Tgt Ion:178 Resp: 488482
 Ion Ratio Lower Upper
 178 100
 179 15.6 11.4 17.2
 176 19.5 15.5 23.3





#74

Anthracene

Concen: 59.382 ng/uI

RT: 17.357 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

ClientSampleId :

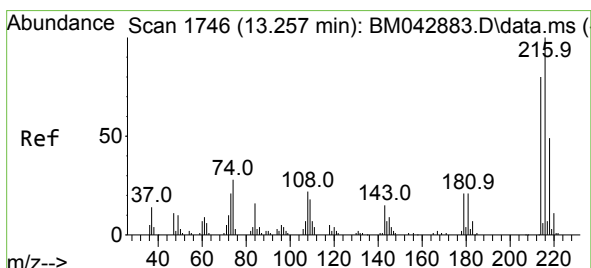
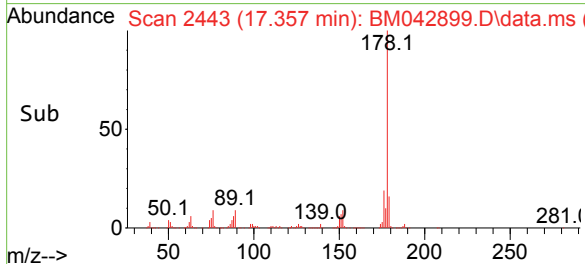
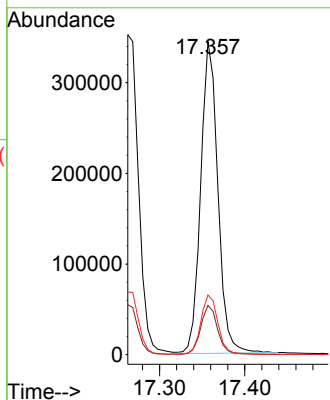
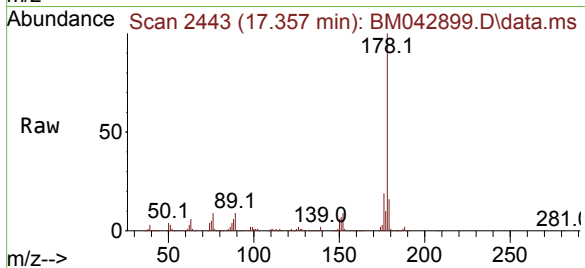
Tgt Ion:178 Resp: 481190

Ion Ratio Lower Upper

178 100

179 15.7 12.0 18.0

176 19.0 15.7 23.5



#75

1,2,3,4-Tetrachlorobenzene

Concen: 53.494 ng/uI

RT: 13.257 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

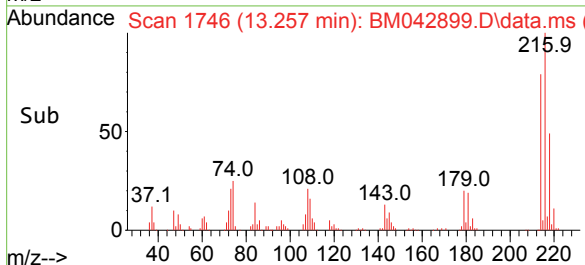
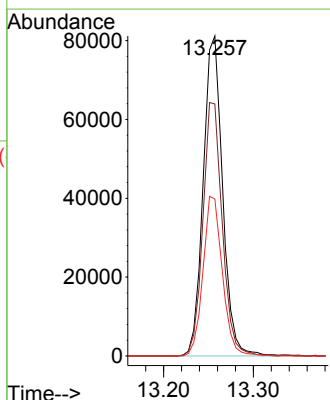
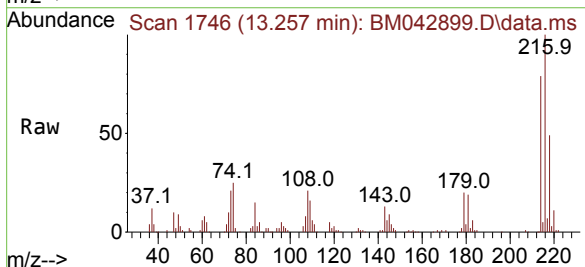
Tgt Ion:216 Resp: 121980

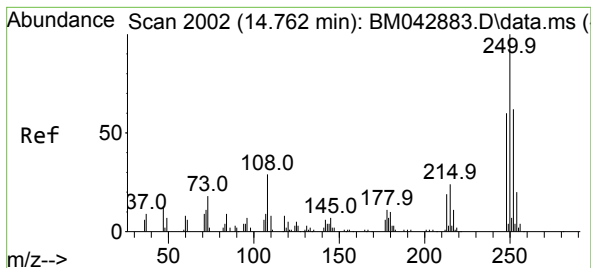
Ion Ratio Lower Upper

216 100

214 78.7 62.6 94.0

218 49.0 39.3 58.9





#76

Pentachlorobenzene

Concen: 57.575 ng/uL

RT: 14.763 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

ClientSampleId :

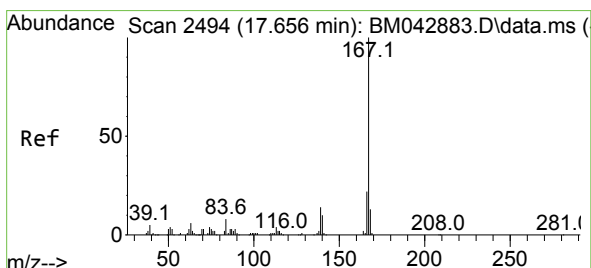
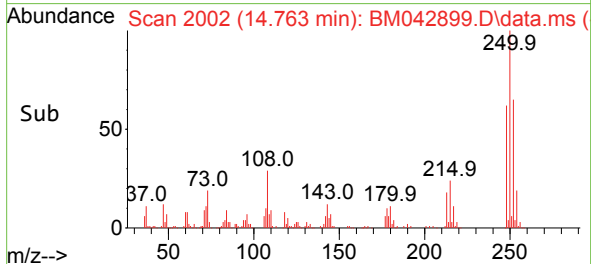
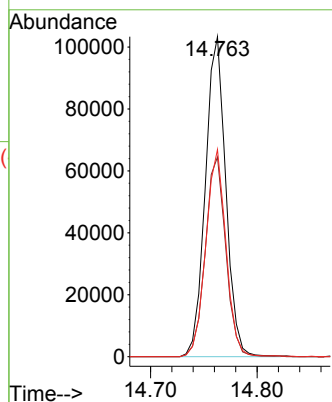
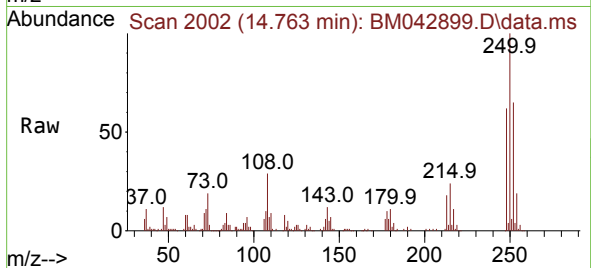
Tgt Ion:250 Resp: 137751

Ion Ratio Lower Upper

250 100

248 62.4 51.0 76.6

252 64.8 51.8 77.8



#77

Carbazole

Concen: 60.273 ng/uL

RT: 17.651 min Scan# 2493

Delta R.T. -0.006 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

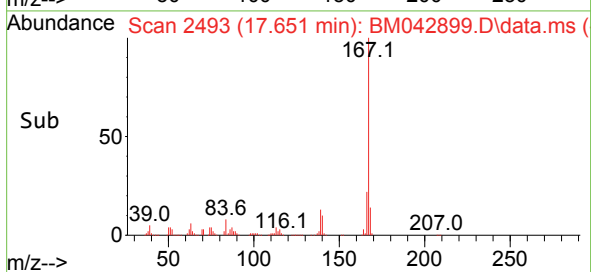
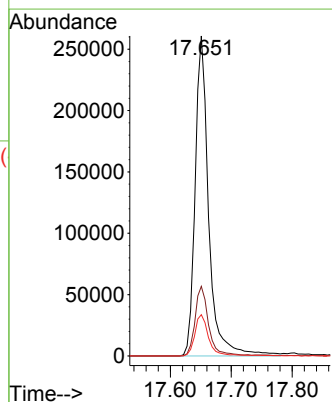
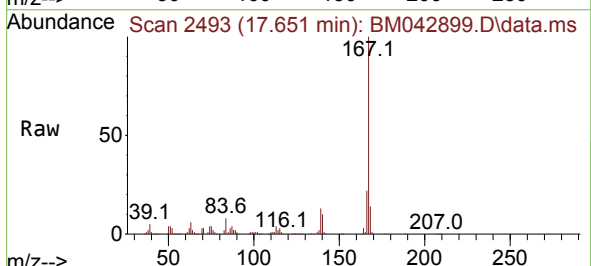
Tgt Ion:167 Resp: 403292

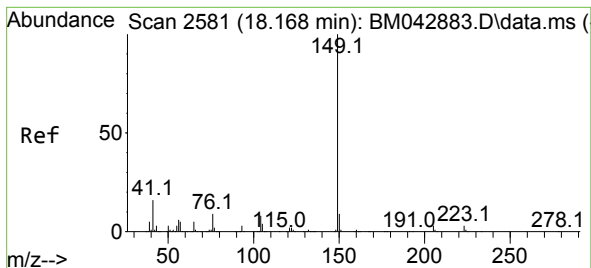
Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.9 10.8 16.2





#78

Di-n-butylphthalate

Concen: 59.955 ng/ul

RT: 18.169 min Scan# 2

Delta R.T. 0.000 min

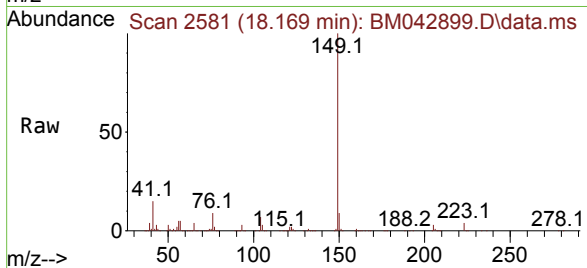
Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

ClientSampleId :



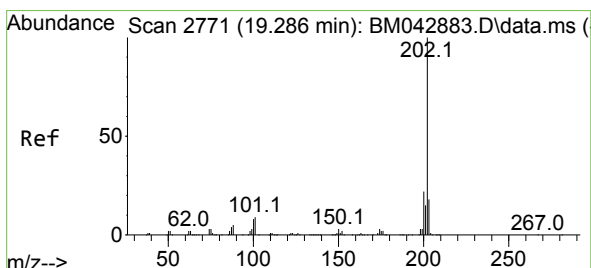
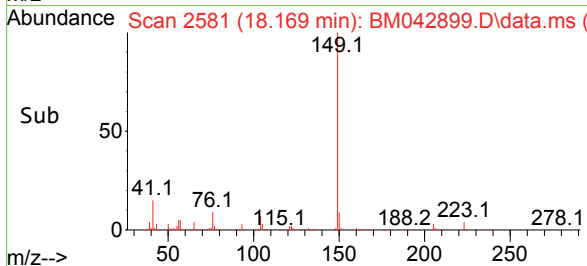
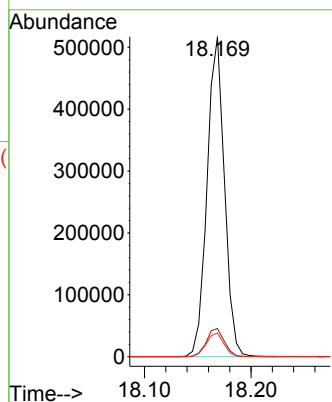
Tgt Ion:149 Resp: 586614

Ion Ratio Lower Upper

149 100

150 8.8 7.7 11.5

104 7.4 5.3 7.9



#80

Fluoranthene

Concen: 56.271 ng/ul

RT: 19.280 min Scan# 2770

Delta R.T. -0.006 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

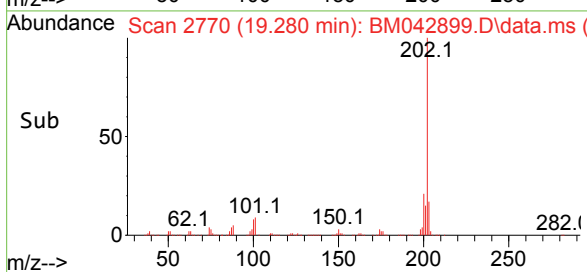
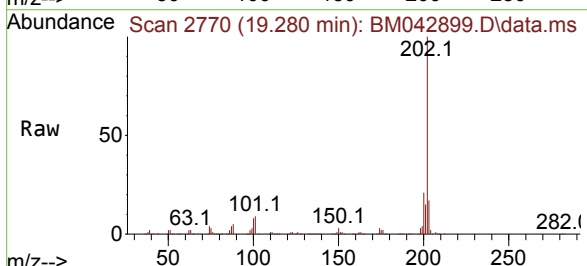
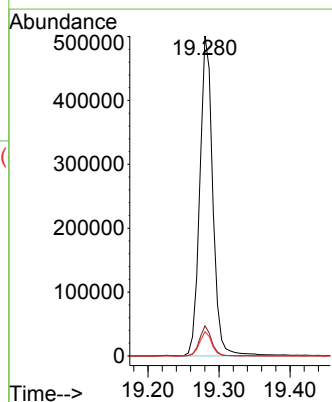
Tgt Ion:202 Resp: 638388

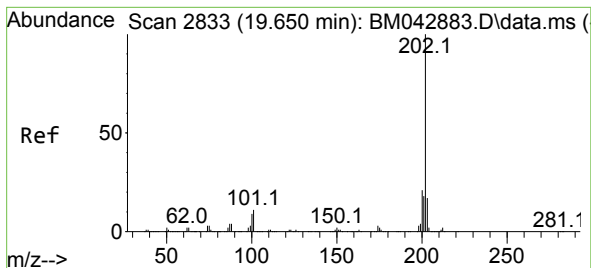
Ion Ratio Lower Upper

202 100

101 9.4 6.6 9.8

100 7.6 5.6 8.4





#82

Pyrene

Concen: 57.436 ng/ul

RT: 19.651 min Scan# 2

Delta R.T. 0.000 min

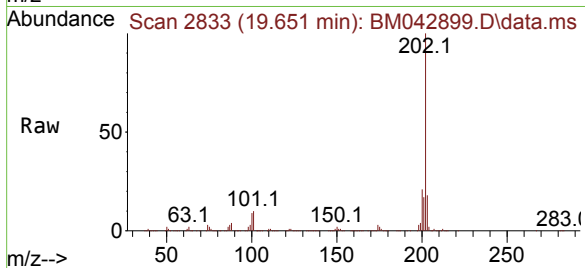
Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

ClientSampleId :



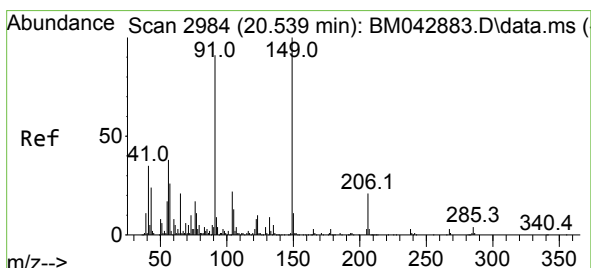
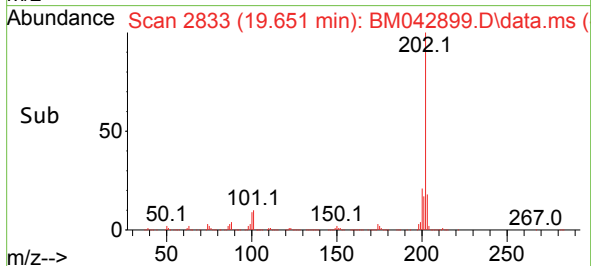
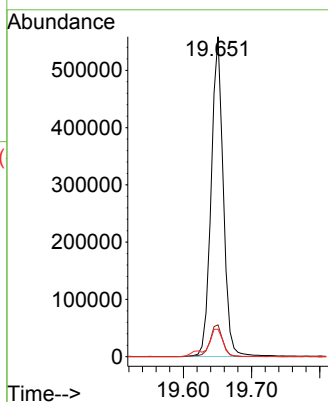
Tgt Ion:202 Resp: 690901

Ion Ratio Lower Upper

202 100

101 10.0 8.1 12.1

100 8.6 6.9 10.3



#83

Butylbenzylphthalate

Concen: 53.390 ng/ul

RT: 20.533 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

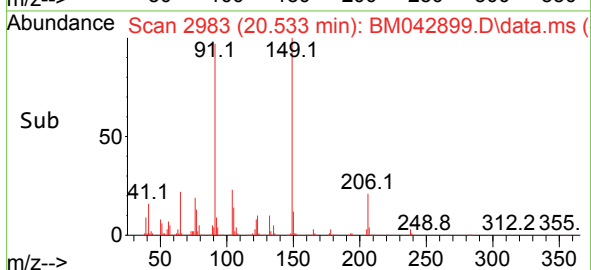
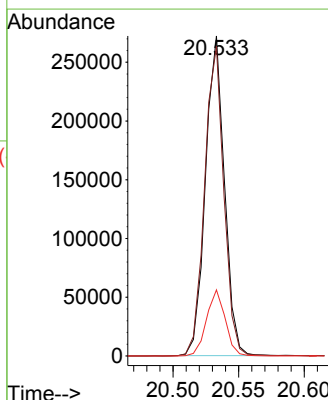
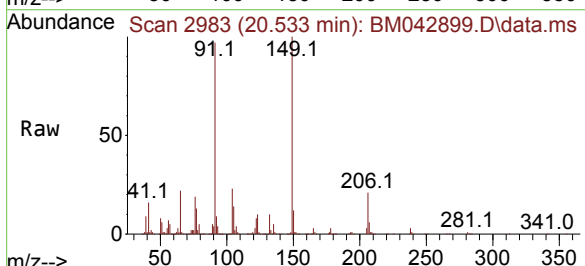
Tgt Ion:149 Resp: 274311

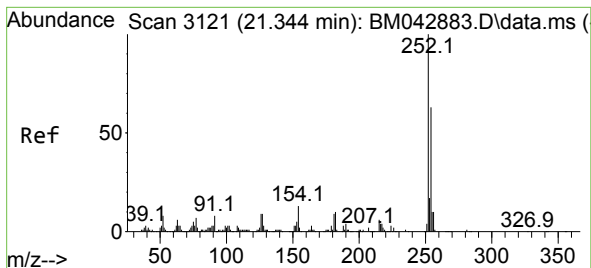
Ion Ratio Lower Upper

149 100

91 96.9 69.3 103.9

206 20.7 16.6 25.0





#84

3,3'-Dichlorobenzidine

Concen: 50.910 ng/ul

RT: 21.339 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

ClientSampleId :

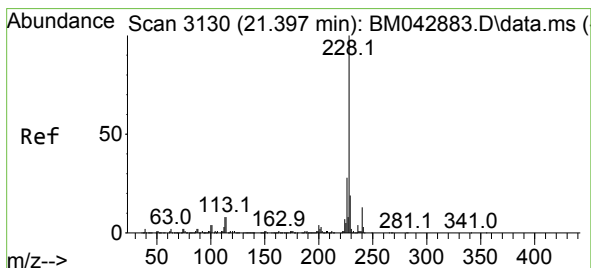
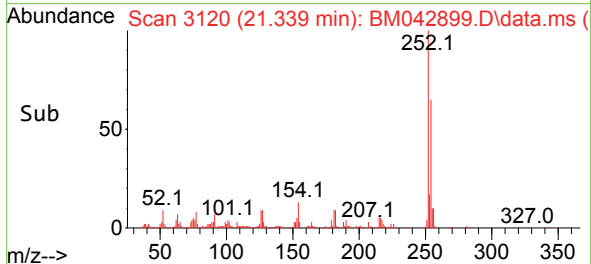
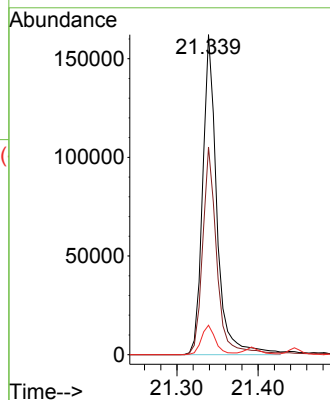
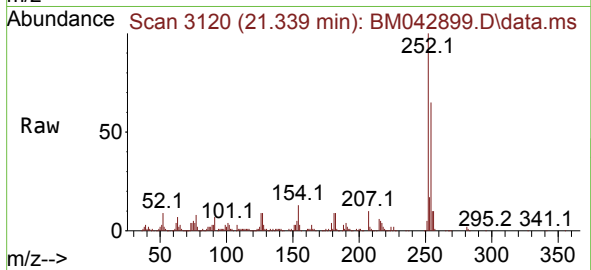
Tgt Ion:252 Resp: 197979

Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.6

126 9.2 7.8 11.8



#85

Benzo(a)anthracene

Concen: 60.911 ng/ul

RT: 21.392 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

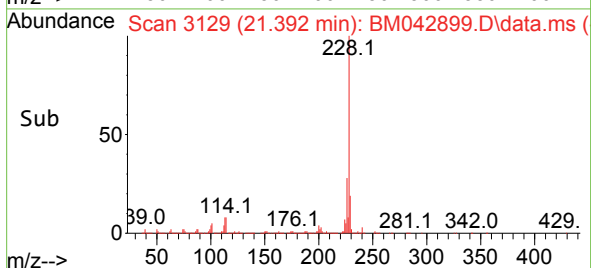
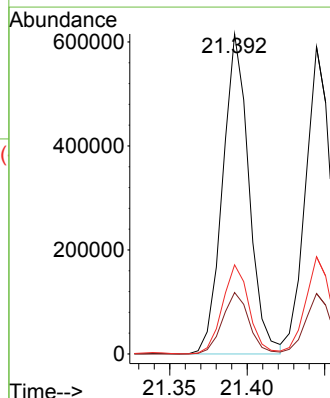
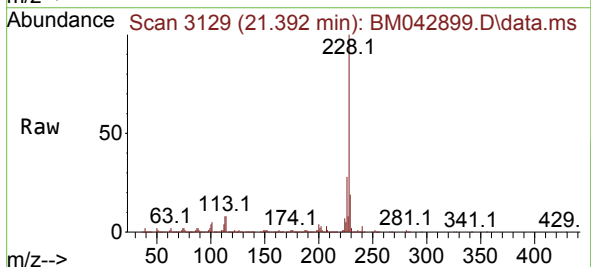
Tgt Ion:228 Resp: 726521

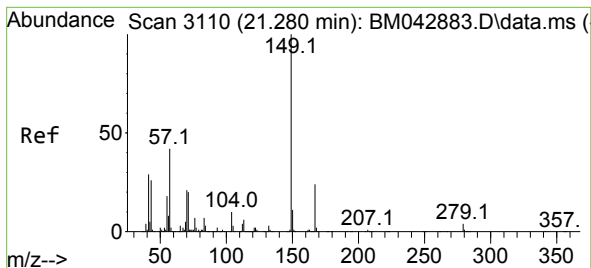
Ion Ratio Lower Upper

228 100

229 19.2 15.8 23.6

226 27.8 22.5 33.7

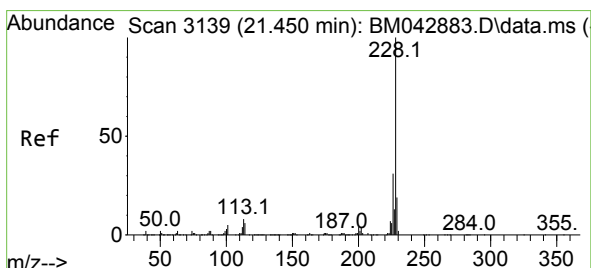
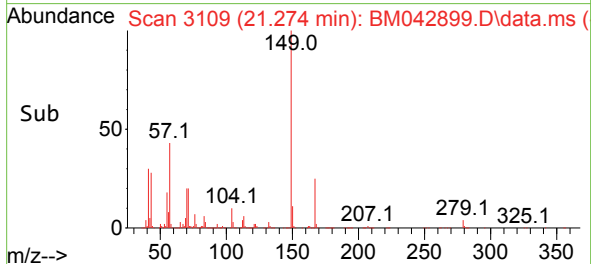
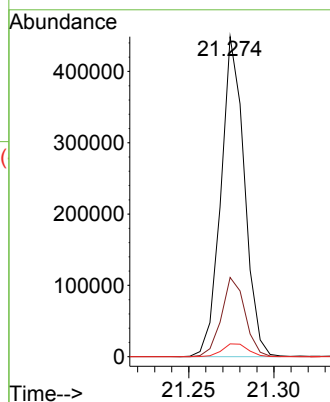
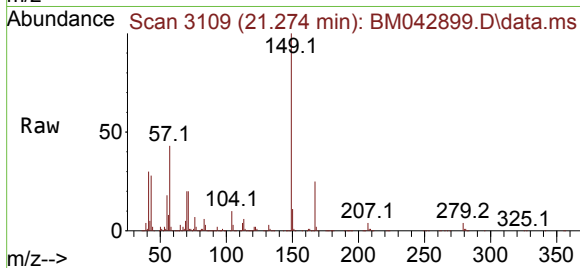




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 55.139 ng/ul
 RT: 21.274 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BM042899.D
 Acq: 19 Nov 2023 10:48

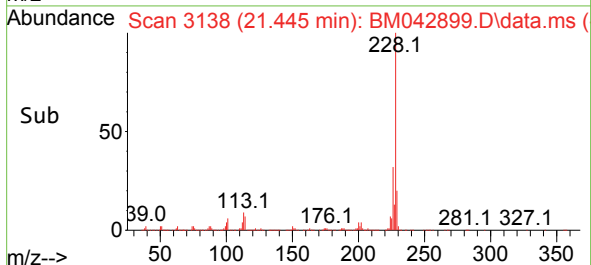
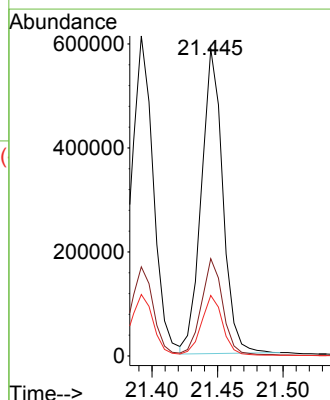
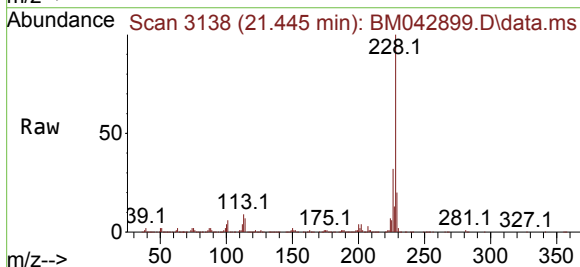
Instrument :
 BNA_M
 ClientSampleId :

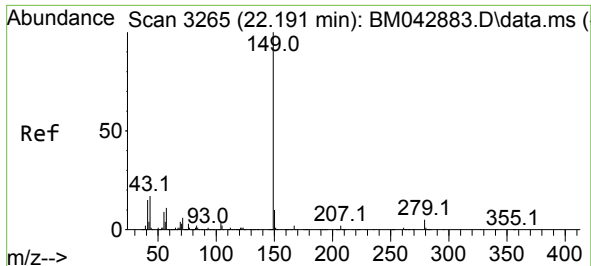
Tgt Ion:149 Resp: 429826
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.6 31.0
 279 4.0 3.5 5.3



#87
 Chrysene
 Concen: 57.759 ng/ul
 RT: 21.445 min Scan# 3138
 Delta R.T. -0.006 min
 Lab File: BM042899.D
 Acq: 19 Nov 2023 10:48

Tgt Ion:228 Resp: 668134
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.3 36.5
 229 19.7 15.7 23.5

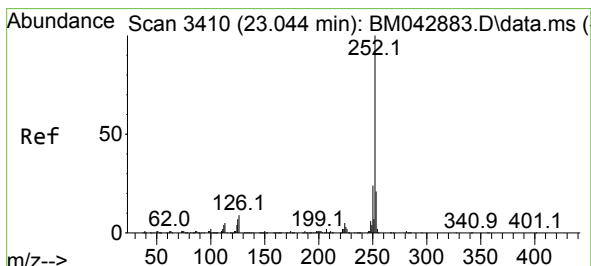
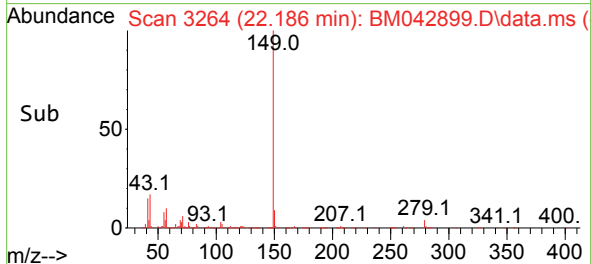
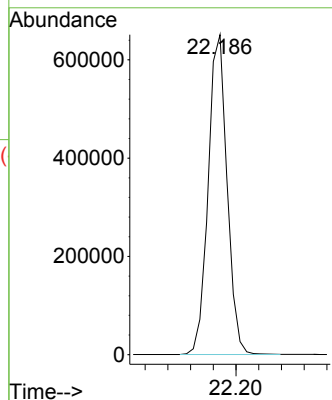
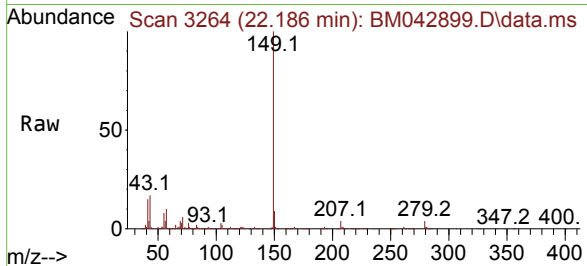




#89
Di-n-octyl phthalate
Concen: 57.733 ng/ul
RT: 22.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Instrument :
BNA_M
ClientSampleId :

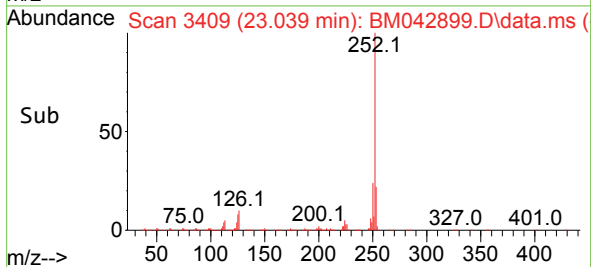
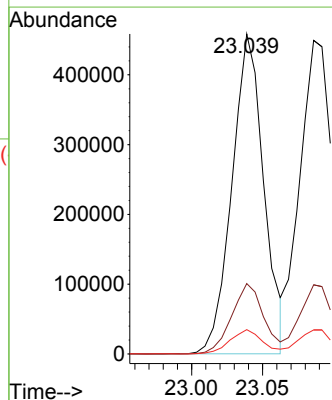
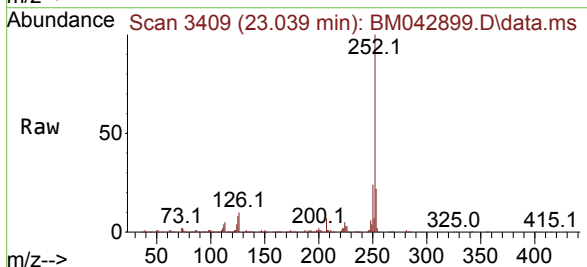
Tgt Ion:149 Resp: 747828

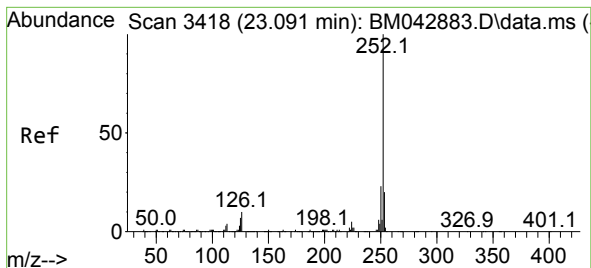


#90
Benzo(b)fluoranthene
Concen: 65.333 ng/ul
RT: 23.039 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BM042899.D
Acq: 19 Nov 2023 10:48

Tgt Ion:252 Resp: 714962

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	7.6	5.2	7.8





#91

Benzo(k)fluoranthene

Concen: 65.235 ng/ul

RT: 23.086 min Scan# 3418

Delta R.T. -0.006 min

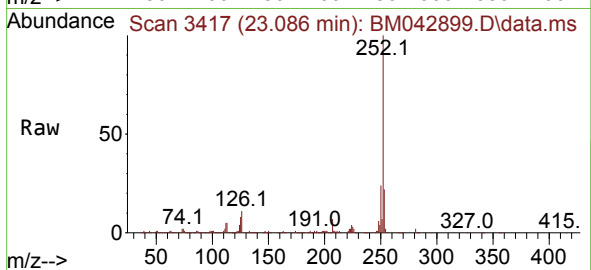
Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

ClientSampleId :



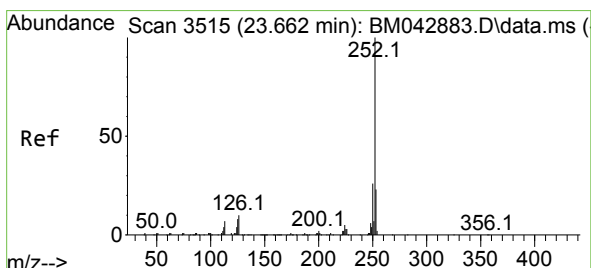
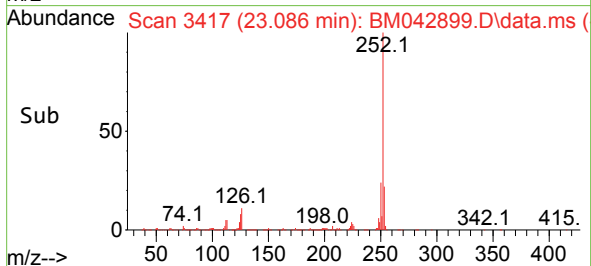
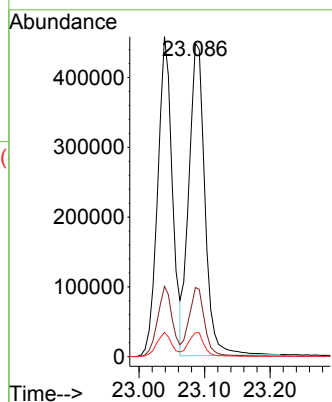
Tgt Ion:252 Resp: 759937

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.7 5.5 8.3



#93

Benzo(a)pyrene

Concen: 63.889 ng/ul

RT: 23.662 min Scan# 3515

Delta R.T. 0.000 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

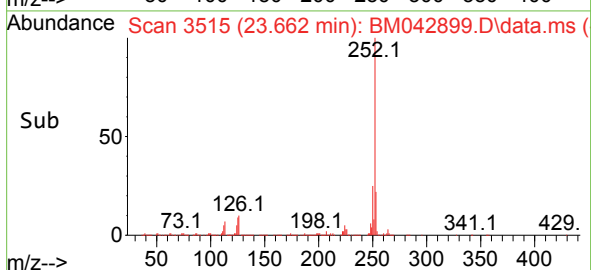
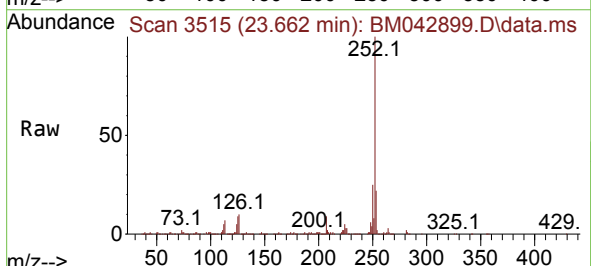
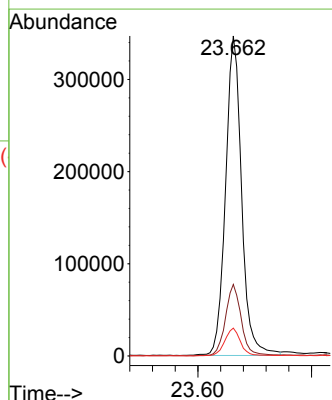
Tgt Ion:252 Resp: 681282

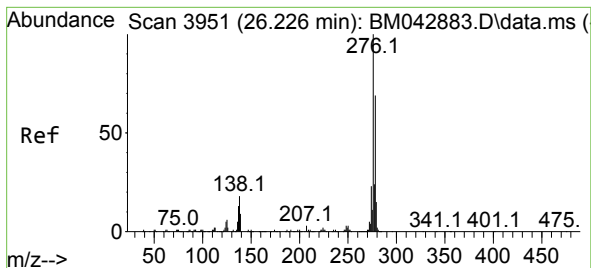
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

125 8.7 6.3 9.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 65.342 ng/ul

RT: 26.227 min Scan# 3951

Delta R.T. 0.000 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

Instrument :

BNA_M

ClientSampleId :

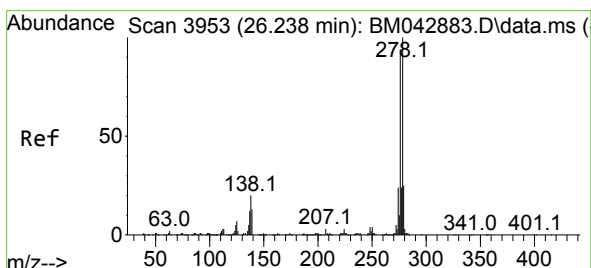
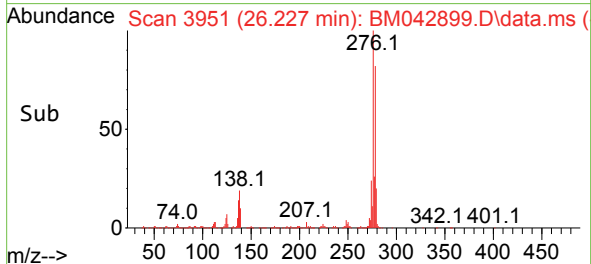
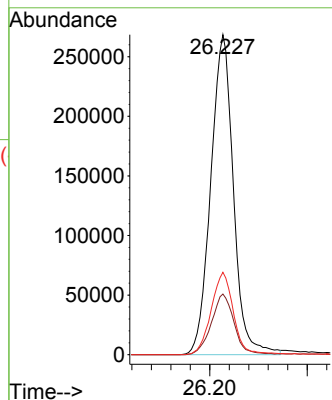
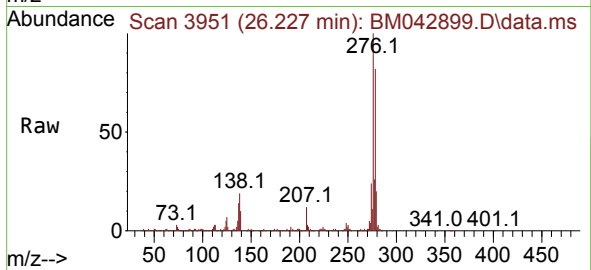
Tgt Ion:276 Resp: 865958

Ion Ratio Lower Upper

276 100

138 19.0 13.8 20.8

277 25.8 19.7 29.5



#95

Dibenzo(a,h)anthracene

Concen: 65.609 ng/ul

RT: 26.239 min Scan# 3953

Delta R.T. 0.000 min

Lab File: BM042899.D

Acq: 19 Nov 2023 10:48

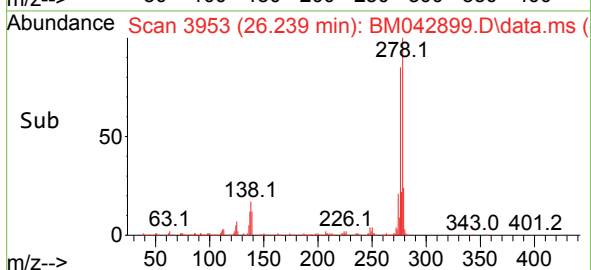
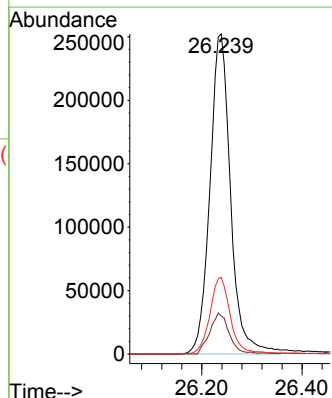
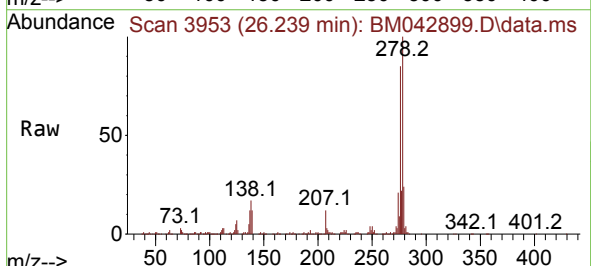
Tgt Ion:278 Resp: 720864

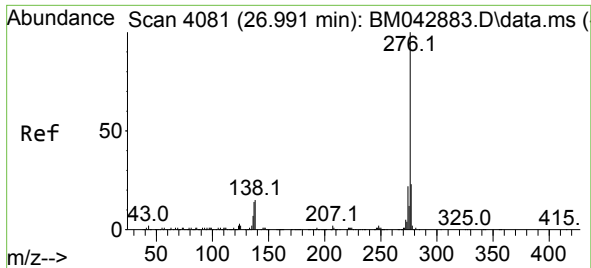
Ion Ratio Lower Upper

278 100

139 11.9 9.0 13.4

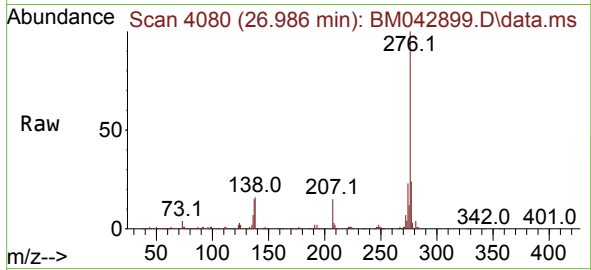
279 23.9 18.8 28.2





#96
 Benzo(g,h,i)perylene
 Concen: 63.040 ng/ul
 RT: 26.986 min Scan# 4080
 Delta R.T. -0.006 min
 Lab File: BM042899.D
 Acq: 19 Nov 2023 10:48

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	663416
Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.0	19.6
277	23.7	18.4	27.6

