

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081422\
 Data File : BM036270.D
 Acq On : 14 Aug 2022 14:55
 Operator : CG/JU
 Sample : PB146982BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 14 23:37:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 14 23:34:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	250371	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	1089662	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	645101	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	1261866	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	1165519	20.000	ng/u1	0.00
88) Perylene-d12	23.709	264	1150174	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	34205	5.141	ng/uL	0.00
4) Pyridine-d5	3.640	84	269681	14.795	ng/u1	0.00
7) Phenol-d5	6.993	99	617501	29.410	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	395423	28.251	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	508937	29.203	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	470737	27.675	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	251244	29.097	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	260759	30.997	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	464872	30.554	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	313242	12.161	ng/u1	0.00
46) Dimethylphthalate-d6	13.874	166	1309133	29.792	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	1593967	28.430	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	243582	26.994	ng/u1	0.00
60) Fluorene-d10	15.445	176	1160138	29.216	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	204104	30.091	ng/u1	0.00
73) Anthracene-d10	17.292	188	1769318	31.014	ng/u1	0.00
81) Pyrene-d10	19.586	212	1921754	29.751	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1827355	31.294	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	72039	10.448	ng/uL	92
5) Pyridine	3.658	79	451792	23.619	ng/u1	88
6) Benzaldehyde	6.951	77	272835	30.961	ng/u1	94
8) Phenol	7.022	94	613994	26.722	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.240	93	501384	27.143	ng/u1	96
12) 2-Chlorophenol	7.375	128	502075	28.084	ng/u1	99
13) 2-Methylphenol	8.269	108	459423	26.765	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.345	45	673999	27.643	ng/u1	98
16) Acetophenone	8.640	105	745230	27.289	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.628	70	370300	27.191	ng/u1	95
18) 4-Methylphenol	8.604	108	497852	27.036	ng/u1	98
19) Hexachloroethane	8.881	117	210840	28.583	ng/u1	90
22) Nitrobenzene	9.022	77	546346	27.650	ng/u1	99
23) Isophorone	9.551	82	1020758	27.367	ng/u1	98
25) 2-Nitrophenol	9.728	139	274000	29.358	ng/u1	98
26) 2,4-Dimethylphenol	9.798	107	533636	27.982	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.034	93	659284	28.026	ng/u1	99
29) 2,4-Dichlorophenol	10.269	162	457811	28.990	ng/u1	98
30) Naphthalene	10.663	128	1611081	28.011	ng/u1	99
32) 4-Chloroaniline	10.786	127	473955	18.524	ng/u1	96
33) Hexachlorobutadiene	10.939	225	282409	28.968	ng/u1	98
34) Caprolactam	11.575	113	61516	11.787	ng/u1	94
35) 4-Chloro-3-methylphenol	11.922	107	464835	28.308	ng/u1	95
36) 2-Methylnaphthalene	12.275	142	1056242	28.069	ng/u1	99

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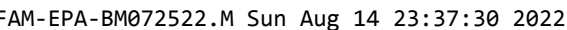
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 BNA_M
 ClientSampleId :

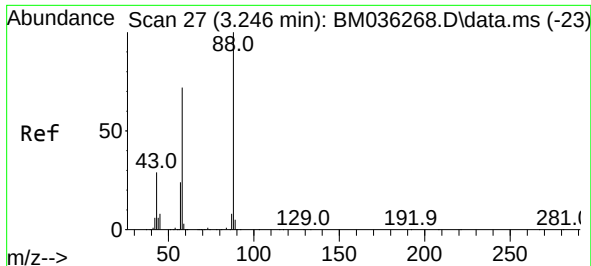
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	1053612	27.778	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	509988	27.772	ng/ul	98
40) Hexachlorocyclopentadiene	12.616	237	293182	23.972	ng/ul	98
41) 2,4,6-Trichlorophenol	12.892	196	331091	28.175	ng/ul	98
42) 2,4,5-Trichlorophenol	12.969	196	356152	28.403	ng/ul	99
43) 1,1'-Biphenyl	13.286	154	1381987	27.833	ng/ul	99
44) 2-Chloronaphthalene	13.327	162	1054477	27.672	ng/ul	99
45) 2-Nitroaniline	13.545	65	300753	28.628	ng/ul	98
47) Dimethylphthalate	13.922	163	1277412	28.900	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	258957	29.509	ng/ul	92
50) Acenaphthylene	14.174	152	1742721	28.098	ng/ul	100
51) 3-Nitroaniline	14.374	138	279670	28.837	ng/ul	99
52) Acenaphthene	14.516	153	1128467	28.046	ng/ul	99
53) 2,4-Dinitrophenol	14.580	184	133444	26.782	ng/ul	97
55) 4-Nitrophenol	14.698	109	178772	25.903	ng/ul	82
56) Dibenzofuran	14.851	168	1573499	28.263	ng/ul	99
57) 2,4-Dinitrotoluene	14.827	165	373655	30.206	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.080	232	275782	27.993	ng/ul#	94
59) Diethylphthalate	15.280	149	1333626	29.829	ng/ul	99
61) Fluorene	15.498	166	1276927	28.077	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.498	204	614751	28.212	ng/ul	96
63) 4-Nitroaniline	15.539	138	279179	31.268	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.586	198	204146	30.078	ng/ul	96
67) N-Nitrosodiphenylamine	15.710	169	1069394	28.827	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	361441	29.217	ng/ul	98
69) Hexachlorobenzene	16.492	284	432284	28.679	ng/ul	96
70) Atrazine	16.668	200	136950	10.643	ng/ul	98
71) Pentachlorophenol	16.845	266	225710	24.512	ng/ul	99
72) Phenanthrene	17.239	178	1959885	28.978	ng/ul	98
74) Anthracene	17.327	178	1987669	29.289	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	505902	25.781	ng/ul	97
76) Pentachlorobenzene	14.769	250	502670	28.259	ng/ul	99
77) Carbazole	17.604	167	1825622	29.126	ng/ul	99
78) Di-n-butylphthalate	18.168	149	2264018	32.014	ng/ul	99
80) Fluoranthene	19.251	202	2227783	28.866	ng/ul	98
82) Pyrene	19.615	202	2312930	29.076	ng/ul	97
83) Butylbenzylphthalate	20.515	149	960799	33.209	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.298	252	661668	30.764	ng/ul	99
85) Benzo(a)anthracene	21.362	228	2145500	29.246	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	1415629	33.863	ng/ul	99
87) Chrysene	21.415	228	2105236	29.412	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	2351891	31.664	ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	2192386	28.561	ng/ul	98
91) Benzo(k)fluoranthene	23.044	252	2106894	28.925	ng/ul	97
93) Benzo(a)pyrene	23.609	252	2153625	29.456	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.133	276	2464387	31.622	ng/ul	95
95) Dibenzo(a,h)anthracene	26.150	278	2134977	31.932	ng/ul	96
96) Benzo(g,h,i)perylene	26.874	276	2077718	32.172	ng/ul	96

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

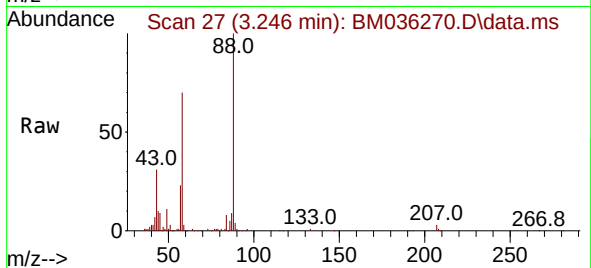
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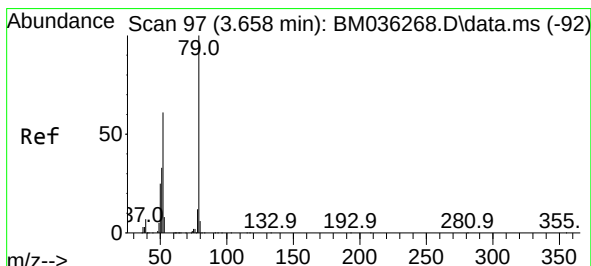
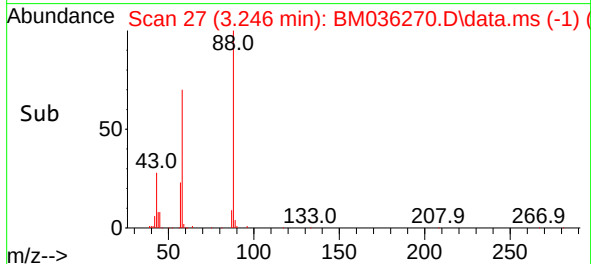
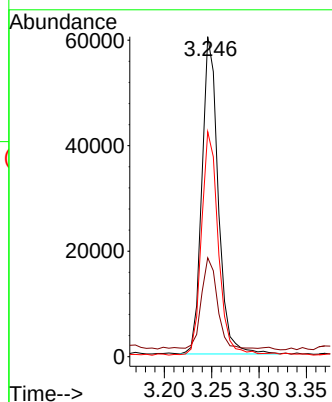


#2
 1,4-Dioxane
 Concen: 10.448 ng/uL
 RT: 3.246 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036270.D
 Acq: 14 Aug 2022 14:55

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 BNA_M
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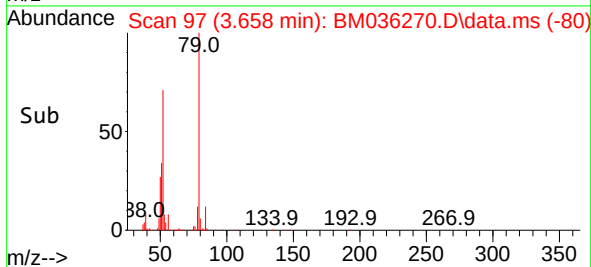
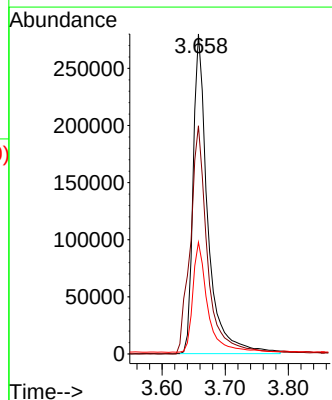
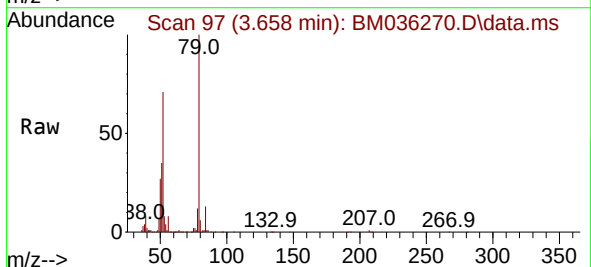


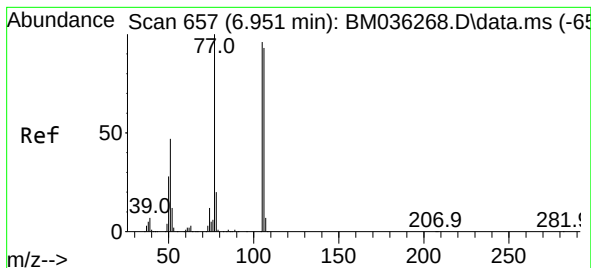
Tgt Ion: 88 Resp: 72039
 Ion Ratio Lower Upper
 88 100
 43 30.9 27.8 41.8
 58 70.3 61.8 92.8



#5
 Pyridine
 Concen: 23.619 ng/uL
 RT: 3.658 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: BM036270.D
 Acq: 14 Aug 2022 14:55

Tgt Ion: 79 Resp: 451792
 Ion Ratio Lower Upper
 79 100
 52 71.3 67.8 101.6
 51 34.9 31.4 47.0





#6

Benzaldehyde

Concen: 30.961 ng/ul

RT: 6.951 min Scan# 657

Delta R.T. -0.000 min

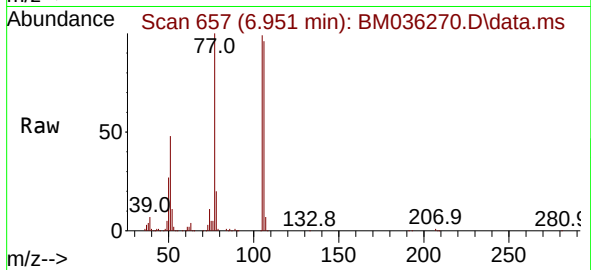
Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

Instrument :

BNA_M

ClientSampleId :



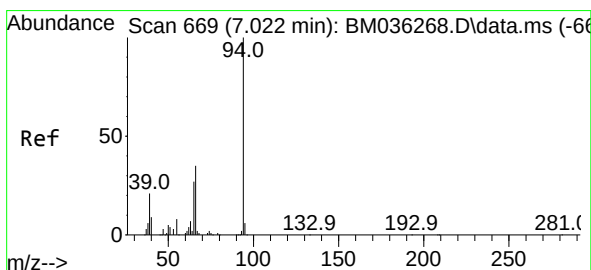
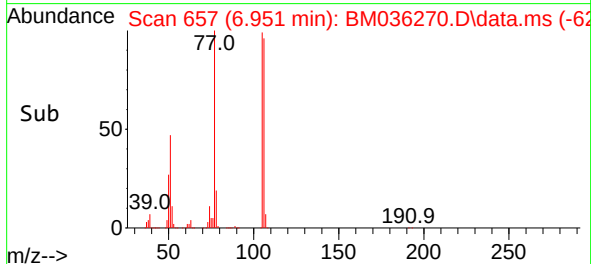
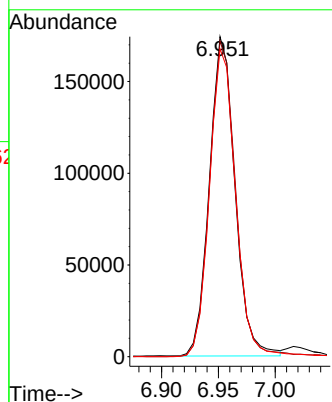
Tgt Ion: 77 Resp: 272835

Ion Ratio Lower Upper

77 100

105 98.6 84.6 127.0

106 96.2 80.3 120.5



#8

Phenol

Concen: 26.722 ng/ul

RT: 7.022 min Scan# 669

Delta R.T. -0.000 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

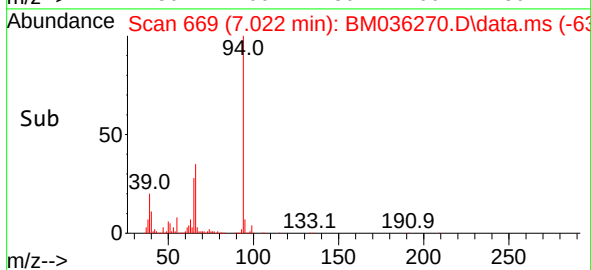
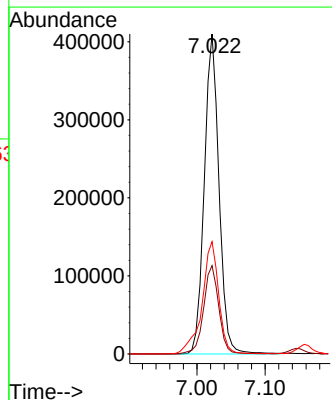
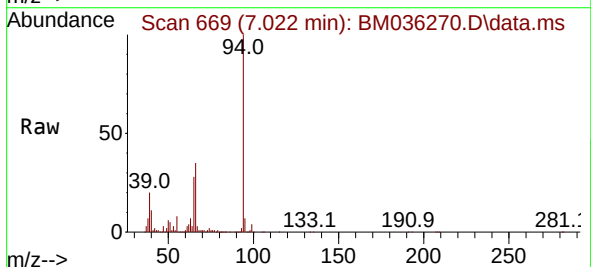
Tgt Ion: 94 Resp: 613994

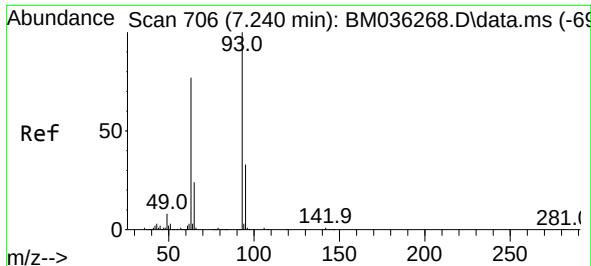
Ion Ratio Lower Upper

94 100

65 27.6 21.3 31.9

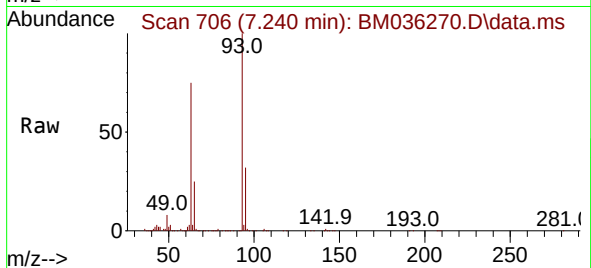
66 35.1 27.4 41.0





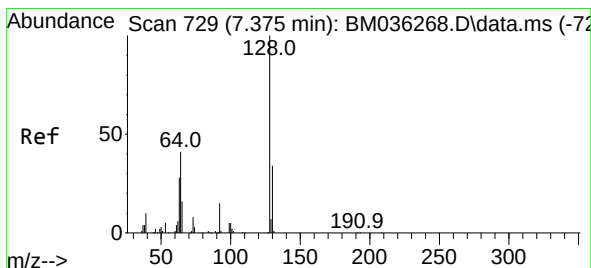
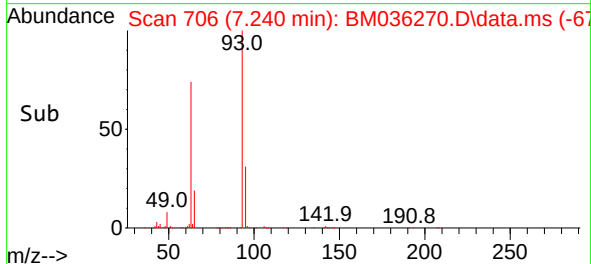
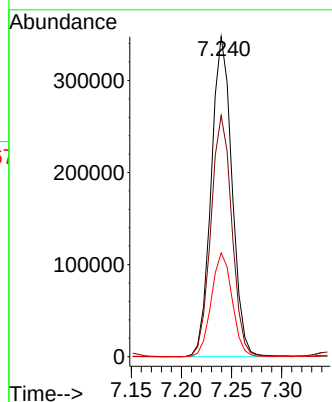
#10
 Bis(2-Chloroethyl)ether
 Concen: 27.143 ng/ul
 RT: 7.240 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: BM036270.D
 Acq: 14 Aug 2022 14:55

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 93 Resp: 501384

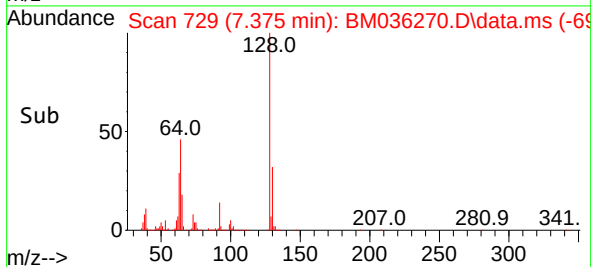
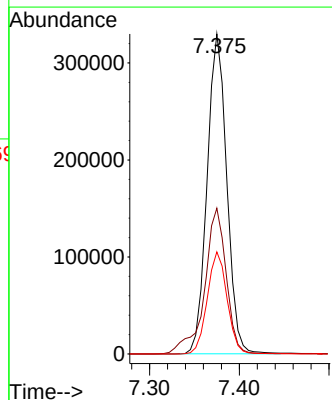
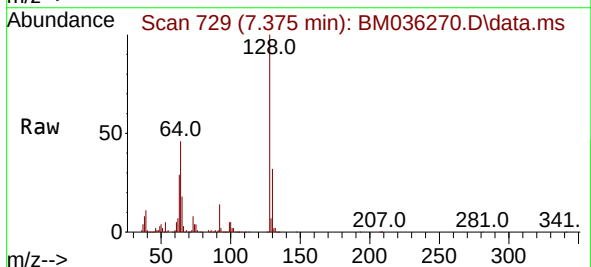
Ion	Ratio	Lower	Upper
93	100		
63	75.3	64.0	96.0
95	32.5	25.8	38.6

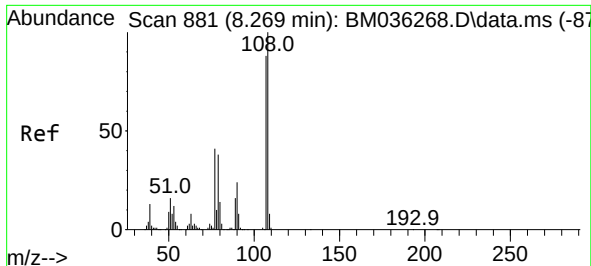


#12
 2-Chlorophenol
 Concen: 28.084 ng/ul
 RT: 7.375 min Scan# 729
 Delta R.T. -0.000 min
 Lab File: BM036270.D
 Acq: 14 Aug 2022 14:55

Tgt Ion:128 Resp: 502075

Ion	Ratio	Lower	Upper
128	100		
64	45.6	36.9	55.3
130	31.9	25.6	38.4

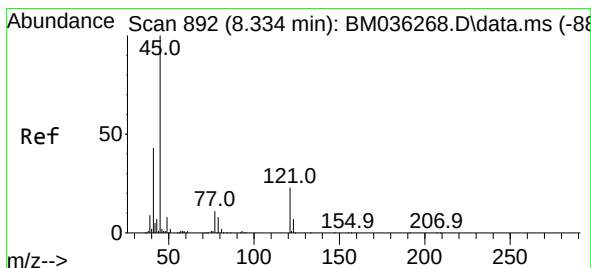
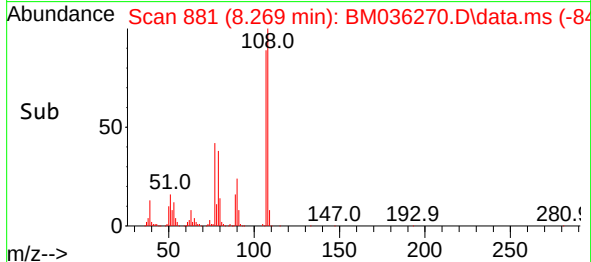
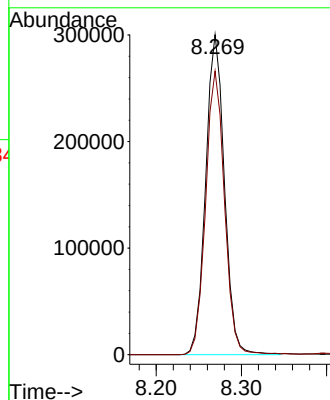
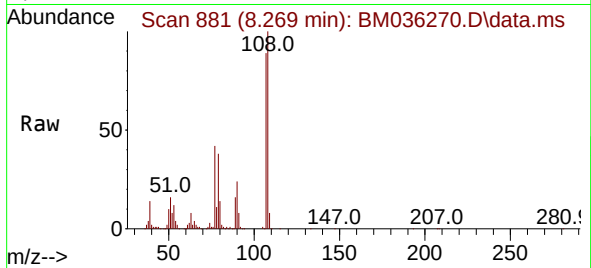




#13
2-Methylphenol
Concen: 26.765 ng/ul
RT: 8.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

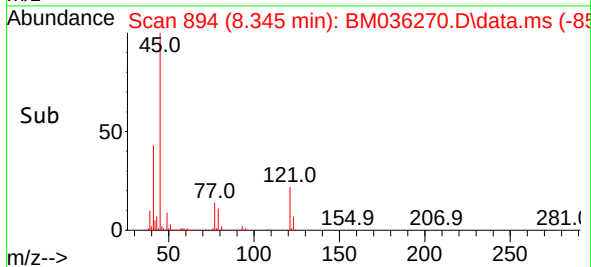
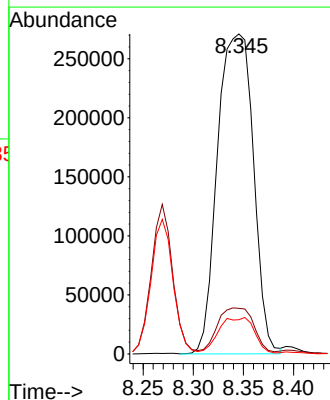
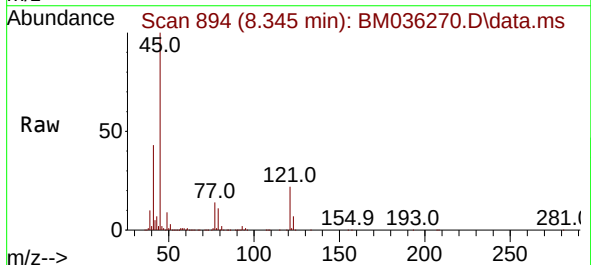
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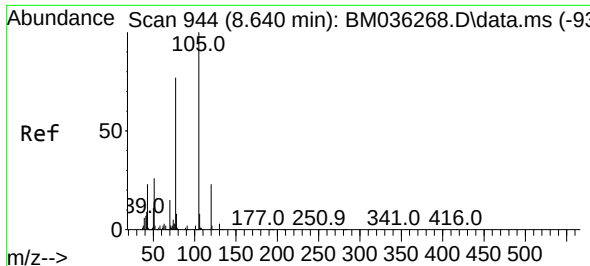
Tgt Ion:108 Resp: 459423
Ion Ratio Lower Upper
108 100
107 88.6 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.643 ng/ul
RT: 8.345 min Scan# 894
Delta R.T. 0.012 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion: 45 Resp: 673999
Ion Ratio Lower Upper
45 100
77 14.3 10.6 15.8
79 10.7 8.3 12.5

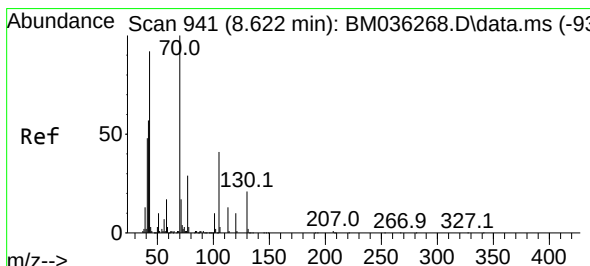
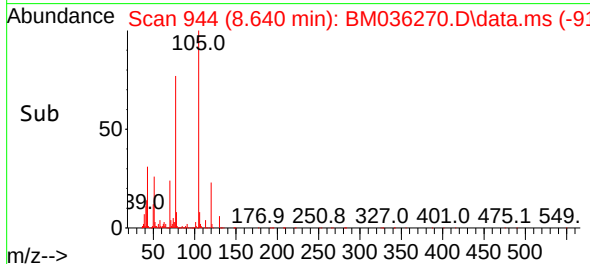
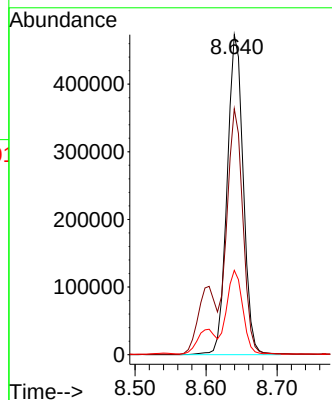
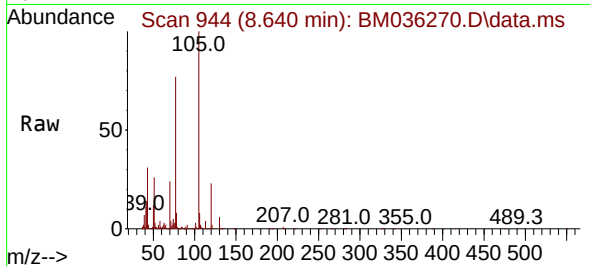




#16
Acetophenone
Concen: 27.289 ng/ul
RT: 8.640 min Scan# 941
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

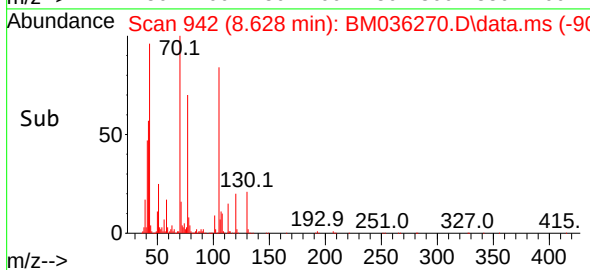
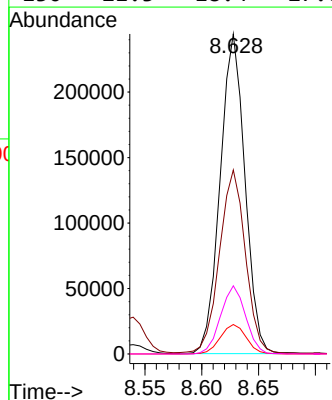
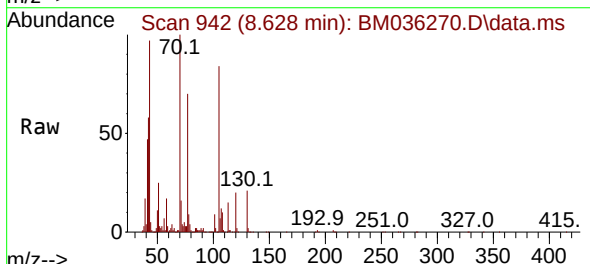
Instrument :
BNA_M
ClientSampleId :

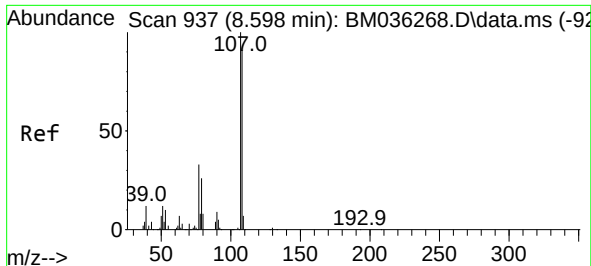
Tgt Ion:105 Resp: 745230
Ion Ratio Lower Upper
105 100
77 76.9 59.8 89.6
51 26.3 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 27.191 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. 0.006 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion: 70 Resp: 370300
Ion Ratio Lower Upper
70 100
42 57.5 49.6 74.4
101 9.2 8.1 12.1
130 21.3 18.4 27.6

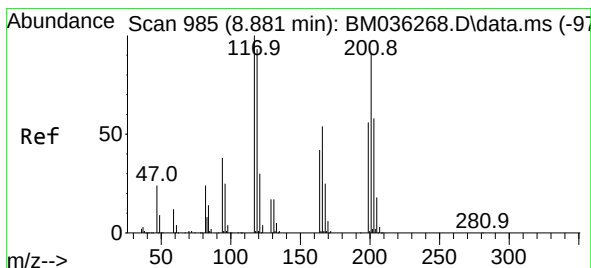
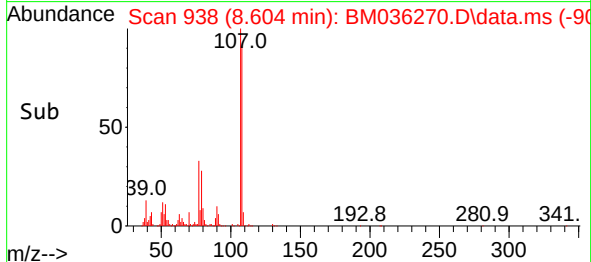
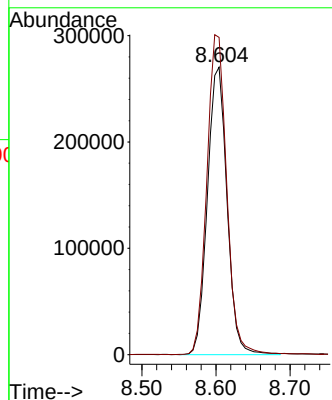
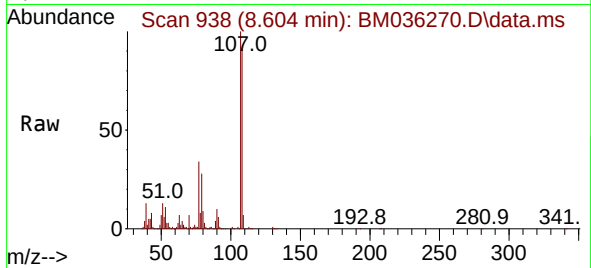




#18
4-Methylphenol
Concen: 27.036 ng/ul
RT: 8.604 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

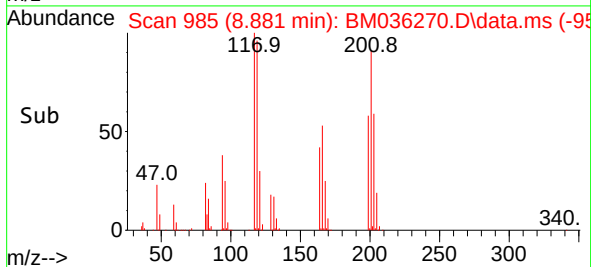
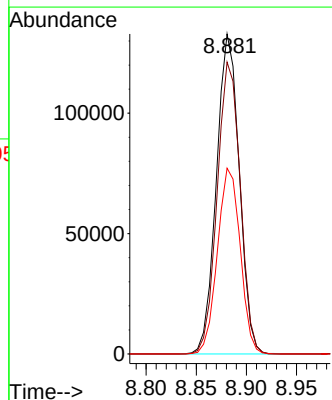
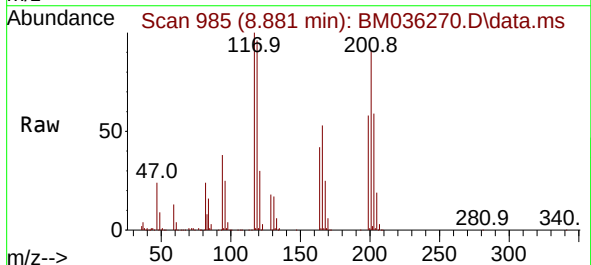
Instrument :
BNA_M
ClientSampleId :

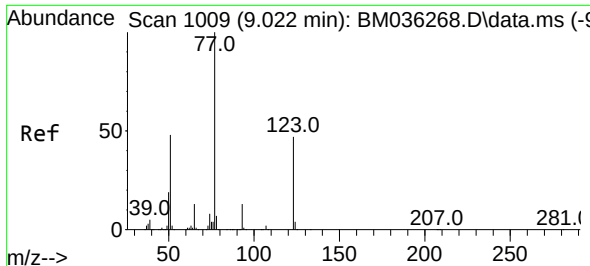
Tgt Ion:108 Resp: 497852
Ion Ratio Lower Upper
108 100
107 110.4 90.3 135.5



#19
Hexachloroethane
Concen: 28.583 ng/ul
RT: 8.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:117 Resp: 210840
Ion Ratio Lower Upper
117 100
201 91.2 81.8 122.6
199 58.1 51.6 77.4

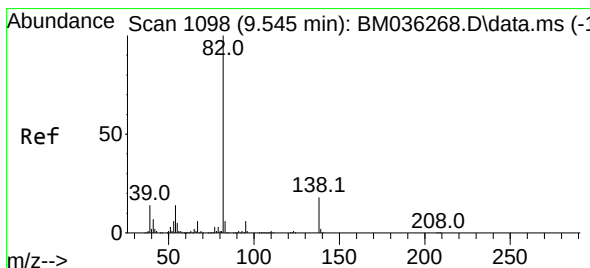
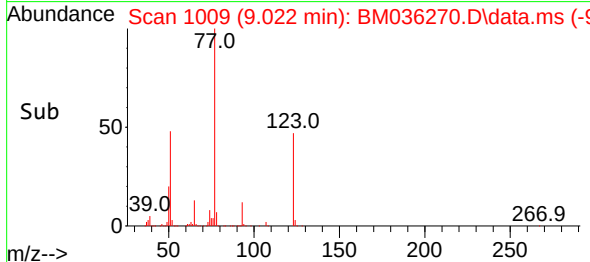
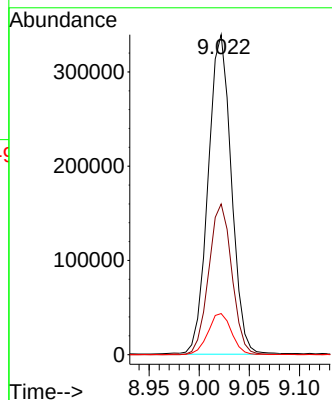
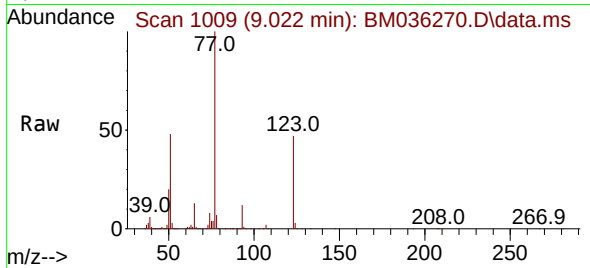




#22
Nitrobenzene
Concen: 27.650 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

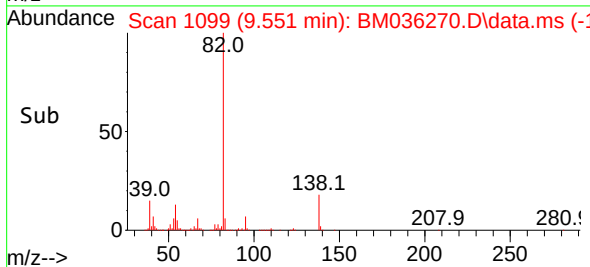
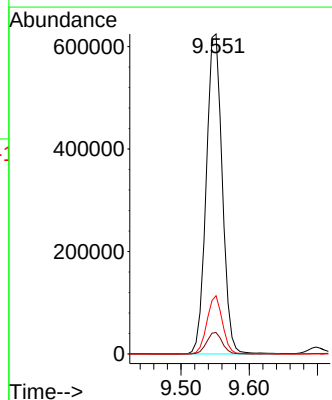
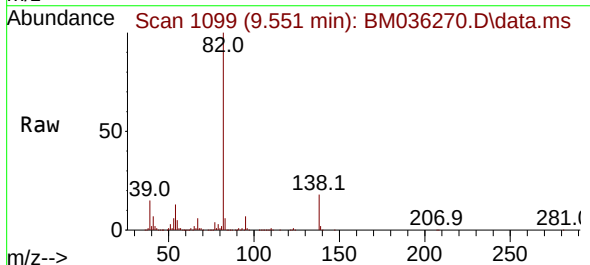
Instrument :
BNA_M
ClientSampleId :

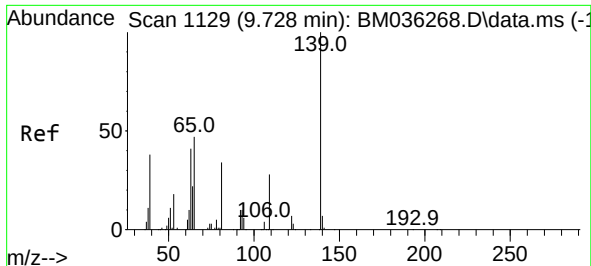
Tgt Ion: 77 Resp: 546346
Ion Ratio Lower Upper
77 100
123 47.1 37.4 56.0
65 12.9 10.8 16.2



#23
Isophorone
Concen: 27.367 ng/ul
RT: 9.551 min Scan# 1099
Delta R.T. 0.006 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion: 82 Resp: 1020758
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.2 15.3 22.9

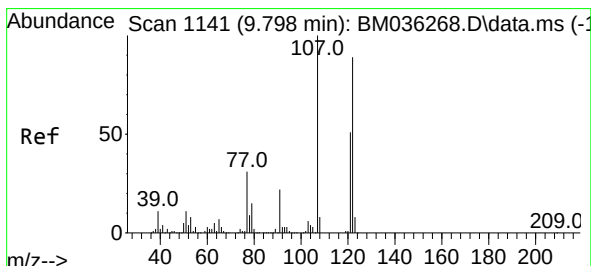
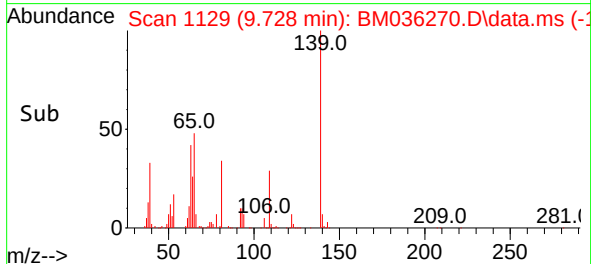
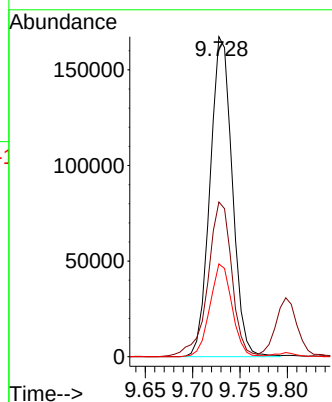
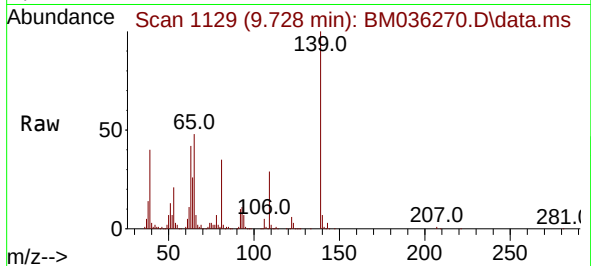




#25
2-Nitrophenol
Concen: 29.358 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

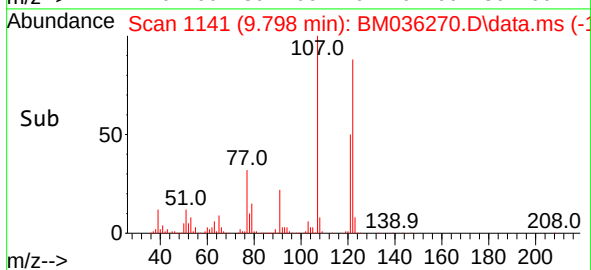
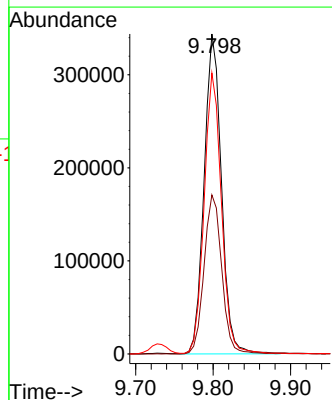
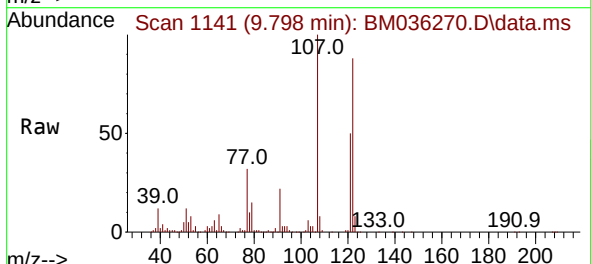
Instrument :
BNA_M
ClientSampleId :

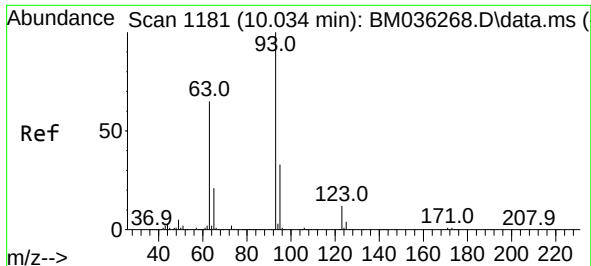
Tgt Ion:139 Resp: 274000
Ion Ratio Lower Upper
139 100
65 48.4 39.8 59.6
109 29.0 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 27.982 ng/ul
RT: 9.798 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:107 Resp: 533636
Ion Ratio Lower Upper
107 100
121 49.7 42.7 64.1
122 87.8 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 28.026 ng/ul

RT: 10.034 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

Instrument :

BNA_M

ClientSampleId :

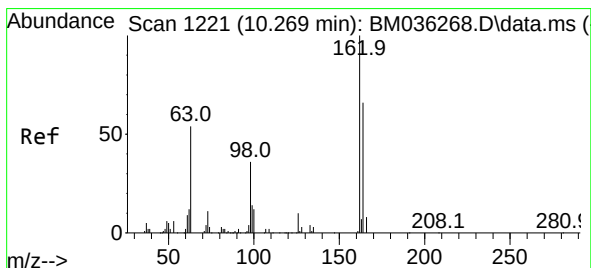
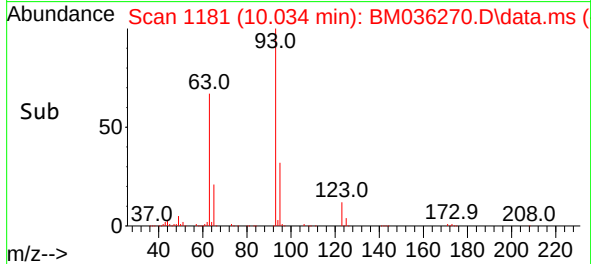
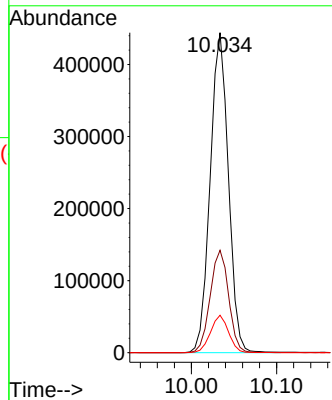
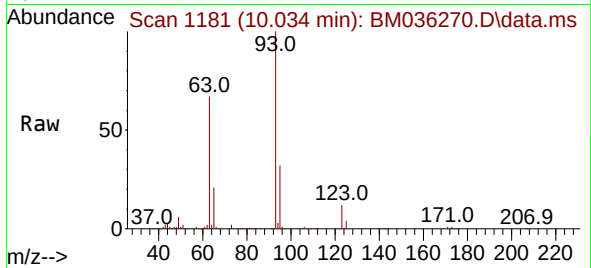
Tgt Ion: 93 Resp: 659284

Ion Ratio Lower Upper

93 100

95 32.0 26.1 39.1

123 11.7 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 28.990 ng/ul

RT: 10.269 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

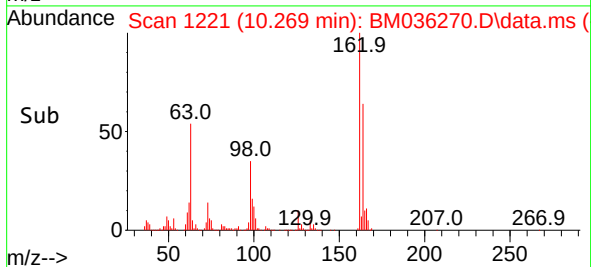
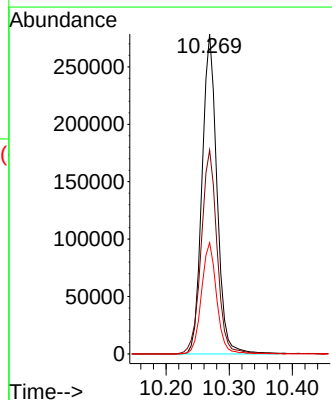
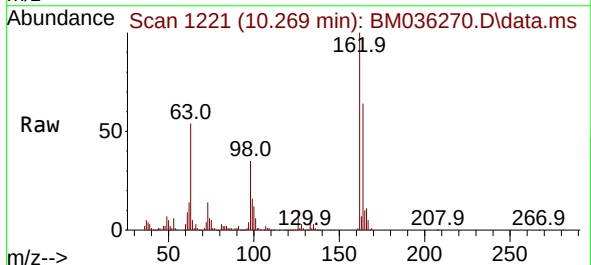
Tgt Ion: 162 Resp: 457811

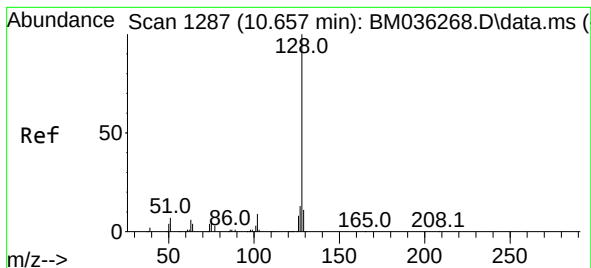
Ion Ratio Lower Upper

162 100

164 63.7 51.8 77.6

98 34.7 29.5 44.3

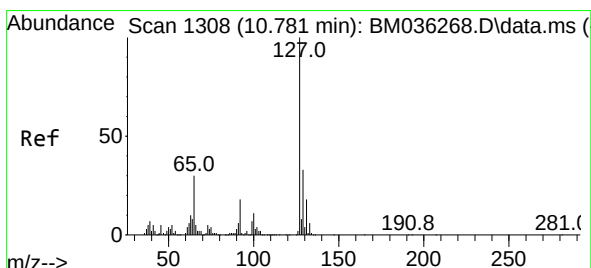
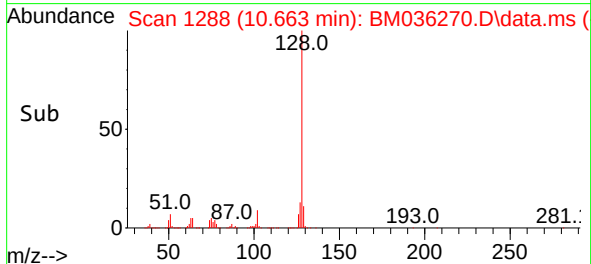
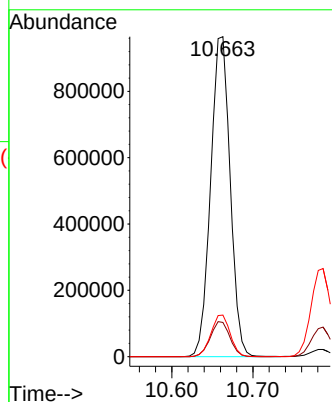
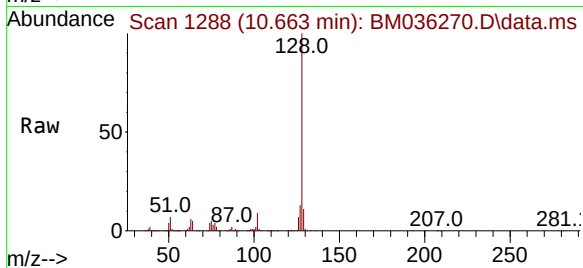




#30
Naphthalene
Concen: 28.011 ng/ul
RT: 10.663 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

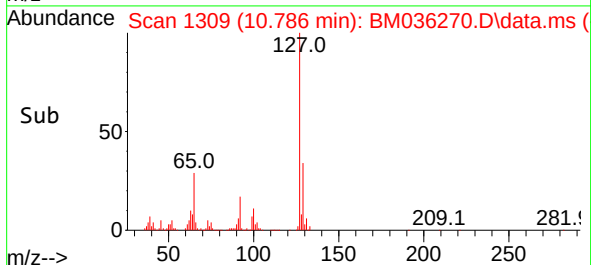
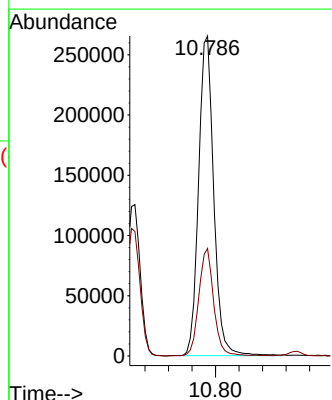
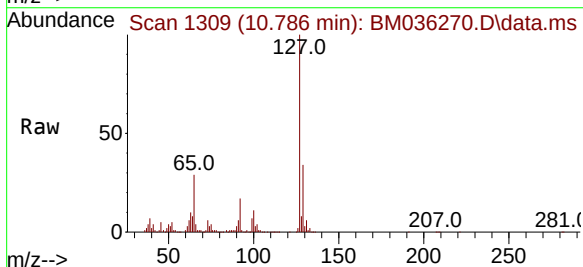
Instrument :
BNA_M
ClientSampleId :

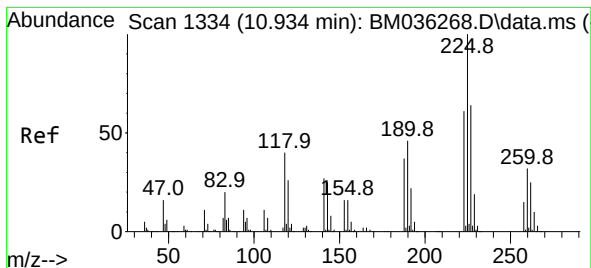
Tgt Ion:128 Resp: 1611081
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.0 10.6 16.0



#32
4-Chloroaniline
Concen: 18.524 ng/ul
RT: 10.786 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:127 Resp: 473955
Ion Ratio Lower Upper
127 100
129 33.6 25.3 37.9





#33

Hexachlorobutadiene

Concen: 28.968 ng/ul

RT: 10.939 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

Instrument :

BNA_M

ClientSampleId :

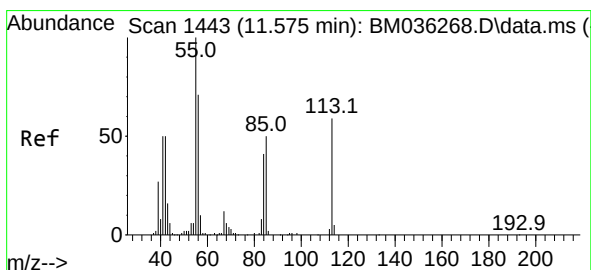
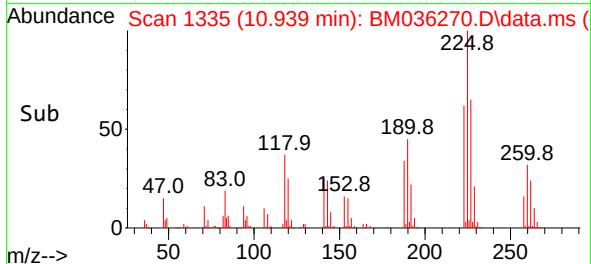
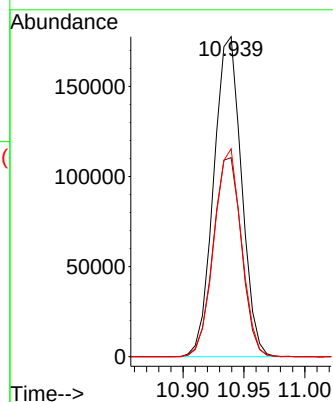
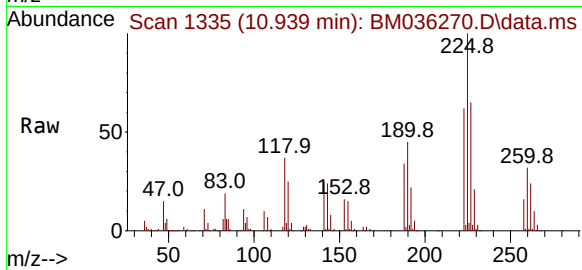
Tgt Ion:225 Resp: 282409

Ion Ratio Lower Upper

225 100

223 62.2 50.0 75.0

227 65.0 49.9 74.9



#34

Caprolactam

Concen: 11.787 ng/ul

RT: 11.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

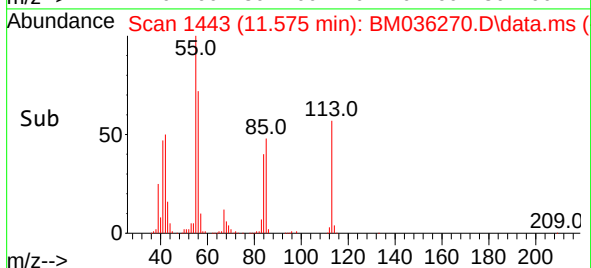
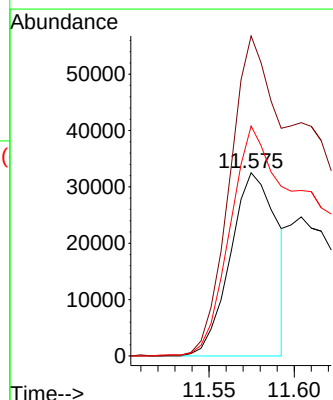
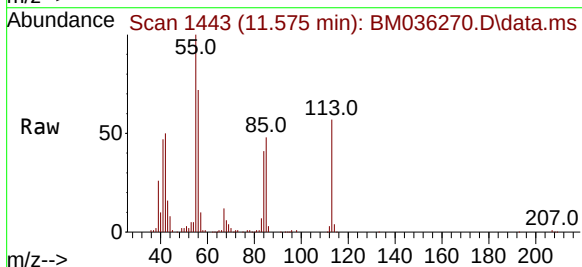
Tgt Ion:113 Resp: 61516

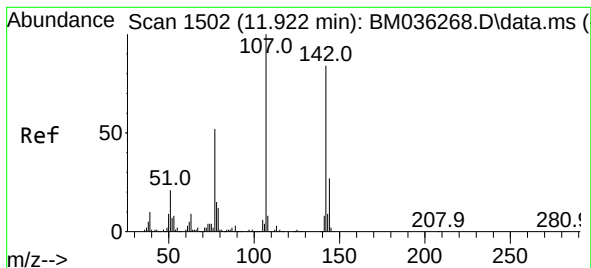
Ion Ratio Lower Upper

113 100

55 174.7 150.2 225.4

56 125.5 102.1 153.1

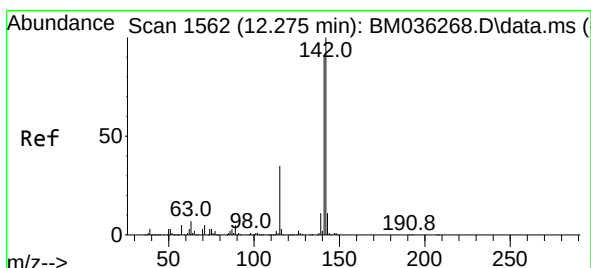
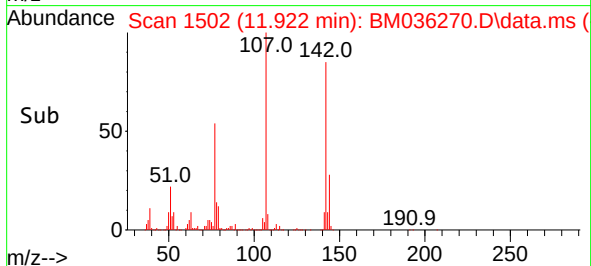
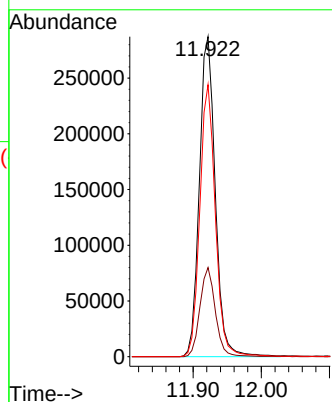
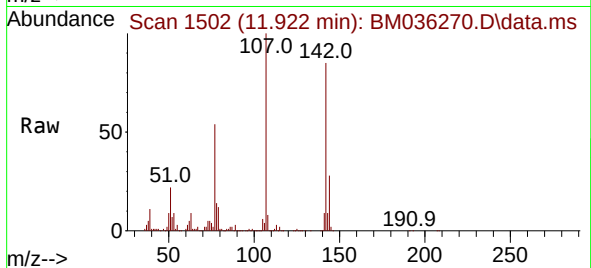




#35
 4-Chloro-3-methylphenol
 Concen: 28.308 ng/ul
 RT: 11.922 min Scan# 1502
 Delta R.T. -0.000 min
 Lab File: BM036270.D
 Acq: 14 Aug 2022 14:55

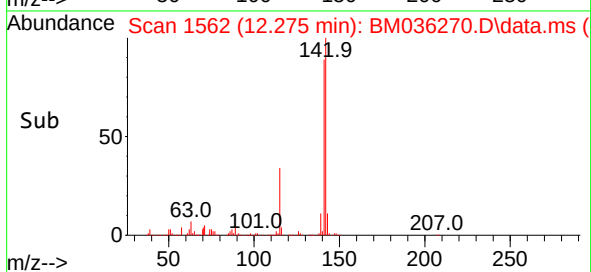
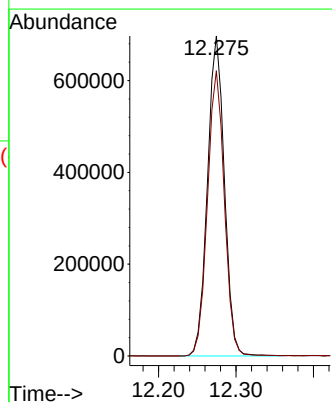
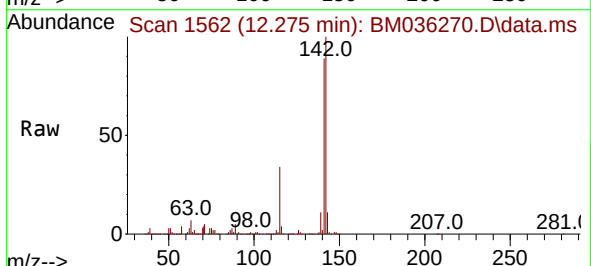
Instrument :
 BNA_M
 ClientSampleId :

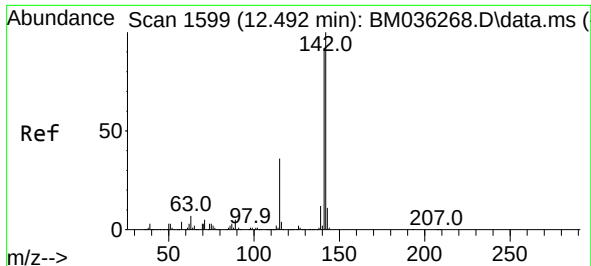
Tgt Ion:107 Resp: 464835
 Ion Ratio Lower Upper
 107 100
 144 27.8 20.3 30.5
 142 85.0 64.4 96.6



#36
 2-Methylnaphthalene
 Concen: 28.069 ng/ul
 RT: 12.275 min Scan# 1562
 Delta R.T. -0.000 min
 Lab File: BM036270.D
 Acq: 14 Aug 2022 14:55

Tgt Ion:142 Resp: 1056242
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.7 106.1

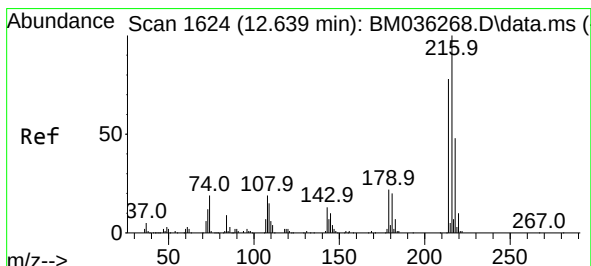
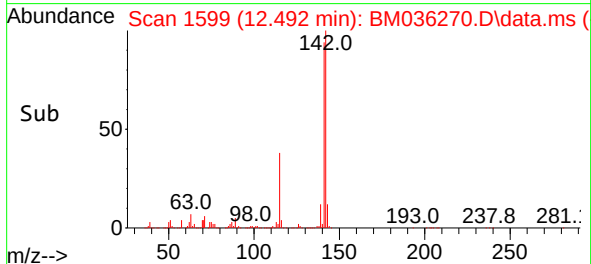
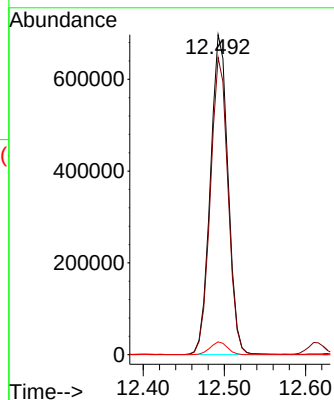
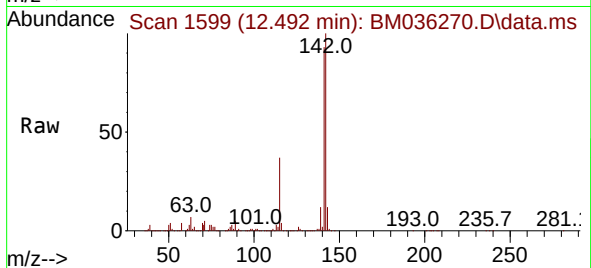




#37
1-Methylnaphthalene
Concen: 27.778 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

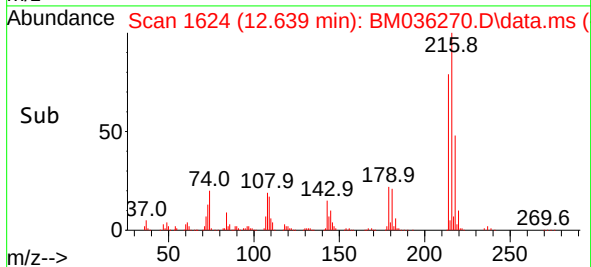
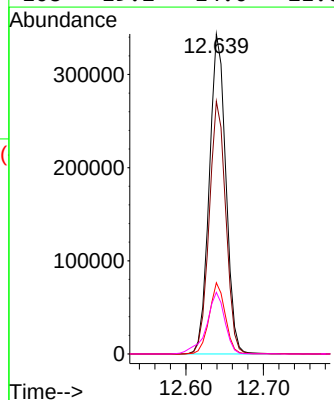
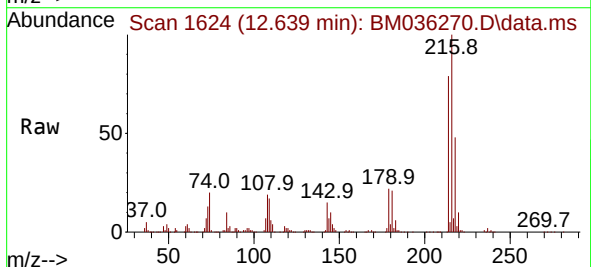
Instrument :
BNA_M
ClientSampleId :

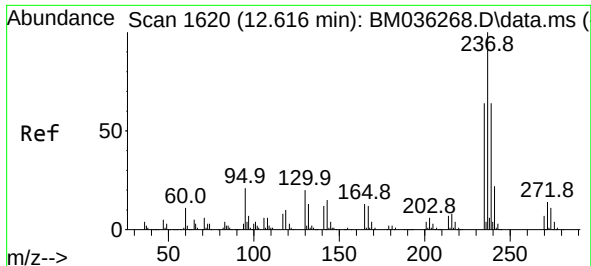
Tgt Ion:142 Resp: 1053612
Ion Ratio Lower Upper
142 100
141 92.9 75.2 112.8
116 4.0 2.6 3.8#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.772 ng/ul
RT: 12.639 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:216 Resp: 509988
Ion Ratio Lower Upper
216 100
214 79.0 62.4 93.6
179 22.3 17.3 25.9
108 19.2 14.0 21.0

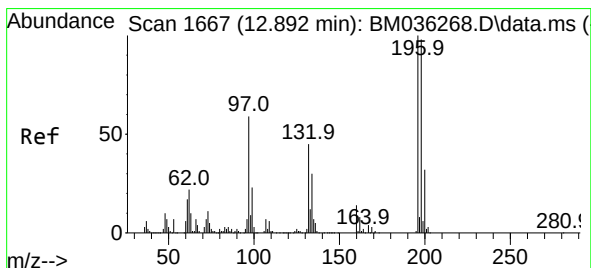
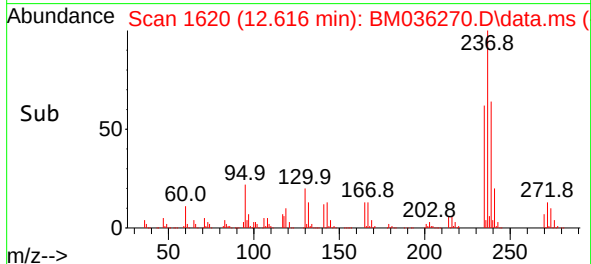
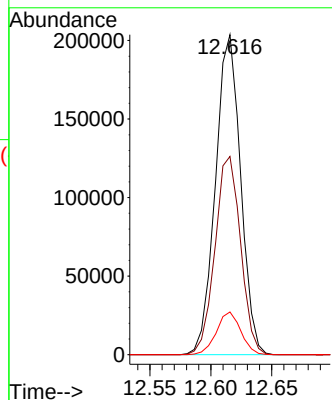
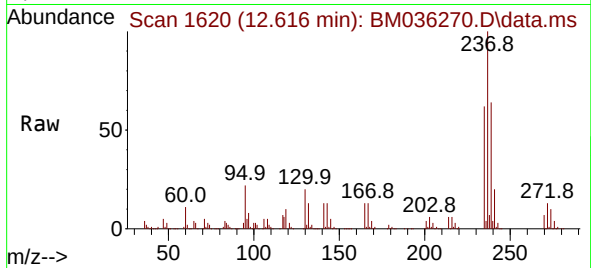




#40
Hexachlorocyclopentadiene
Concen: 23.972 ng/ul
RT: 12.616 min Scan# 1620
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

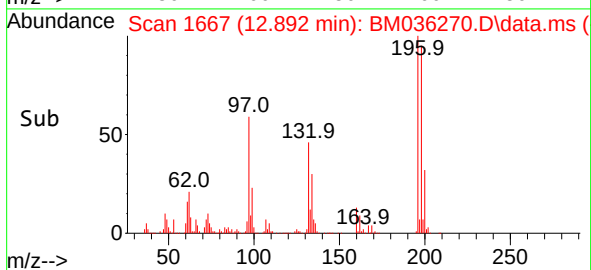
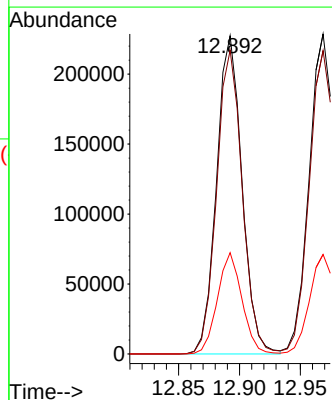
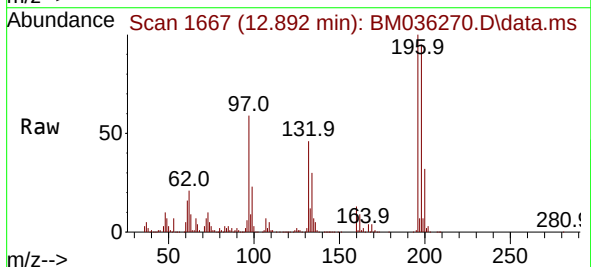
Instrument :
BNA_M
ClientSampleId :

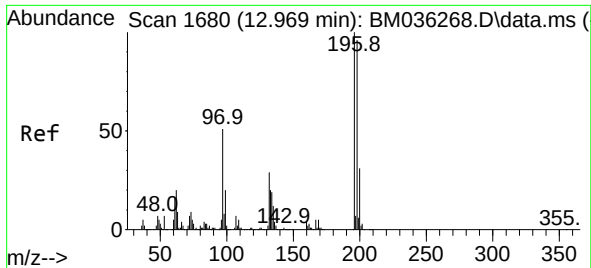
Tgt Ion:237 Resp: 293182
Ion Ratio Lower Upper
237 100
235 62.0 48.4 72.6
272 14.1 11.6 17.4



#41
2,4,6-Trichlorophenol
Concen: 28.175 ng/ul
RT: 12.892 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:196 Resp: 331091
Ion Ratio Lower Upper
196 100
198 95.4 77.8 116.6
200 31.9 25.0 37.6

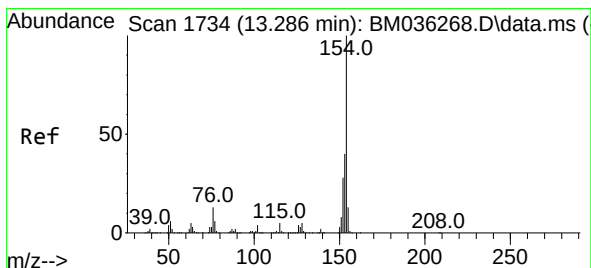
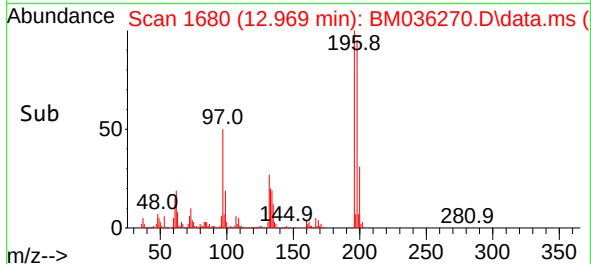
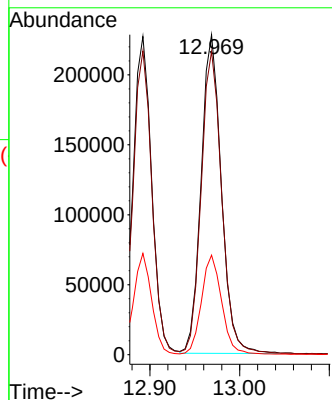
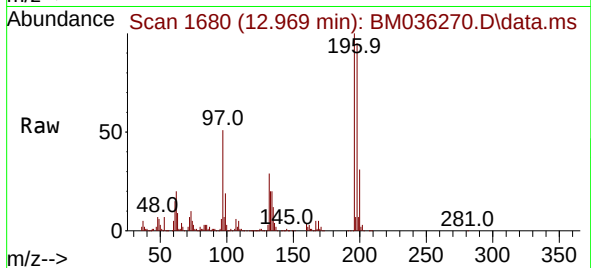




#42
2,4,5-Trichlorophenol
Concen: 28.403 ng/ul
RT: 12.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

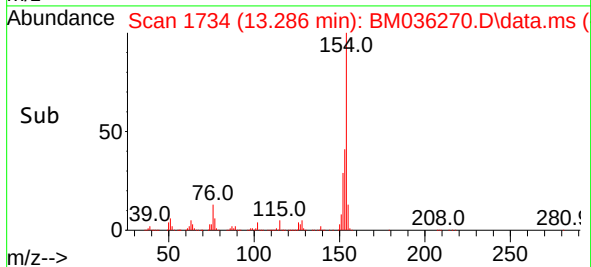
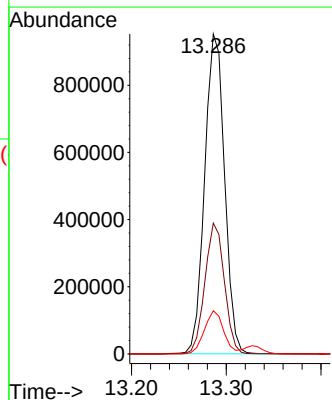
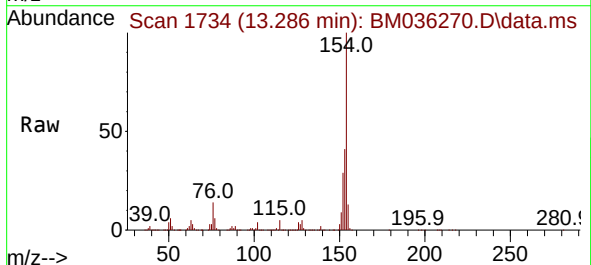
Instrument :
BNA_M
ClientSampleId :

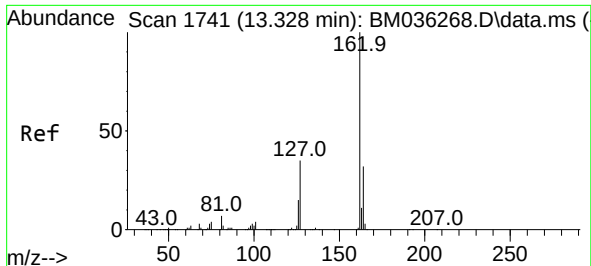
Tgt Ion:196 Resp: 356152
Ion Ratio Lower Upper
196 100
198 94.8 76.8 115.2
200 31.1 24.9 37.3



#43
1,1'-Biphenyl
Concen: 27.833 ng/ul
RT: 13.286 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

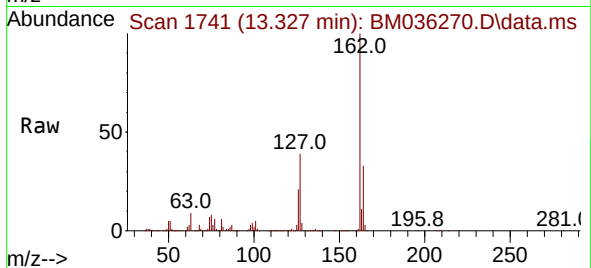
Tgt Ion:154 Resp: 1381987
Ion Ratio Lower Upper
154 100
153 40.9 32.4 48.6
76 13.5 10.1 15.1



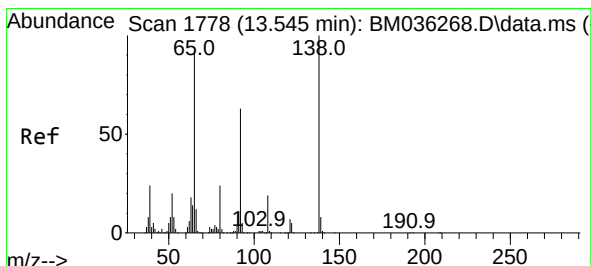
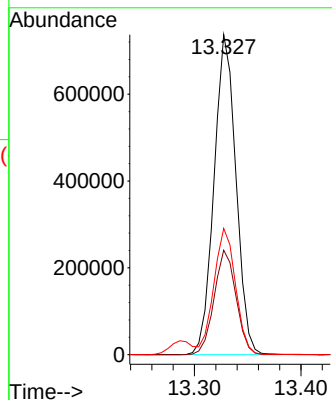
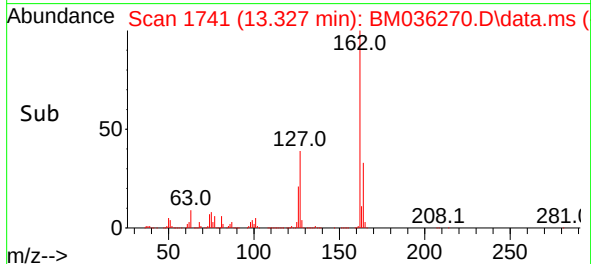


#44
2-Chloronaphthalene
Concen: 27.672 ng/ul
RT: 13.327 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Instrument :
BNA_M
ClientSampleId :

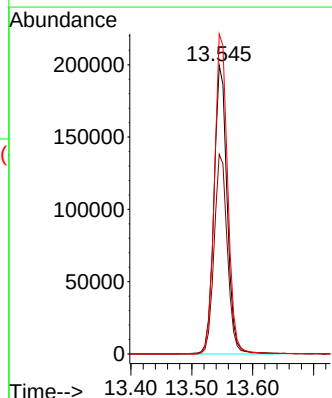
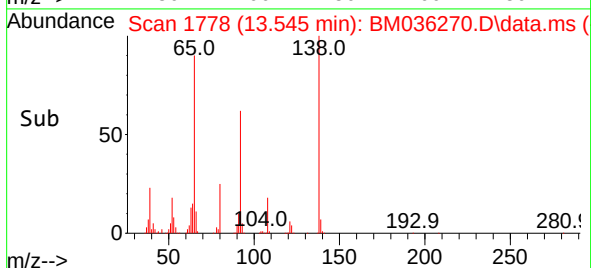
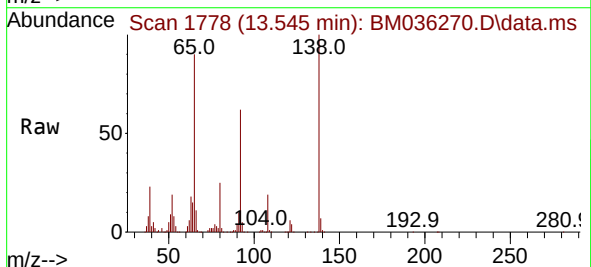


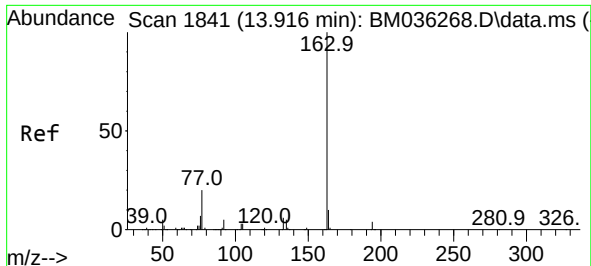
Tgt Ion:162 Resp: 1054477
Ion Ratio Lower Upper
162 100
164 32.6 25.4 38.0
127 39.5 31.6 47.4



#45
2-Nitroaniline
Concen: 28.628 ng/ul
RT: 13.545 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion: 65 Resp: 300753
Ion Ratio Lower Upper
65 100
92 69.2 54.5 81.7
138 110.9 91.2 136.8

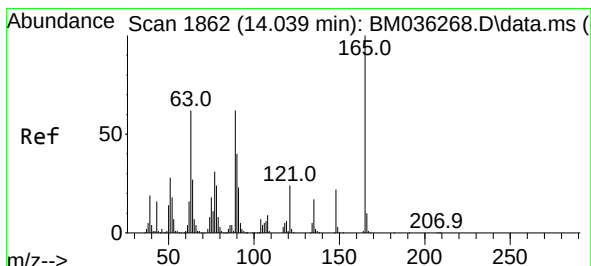
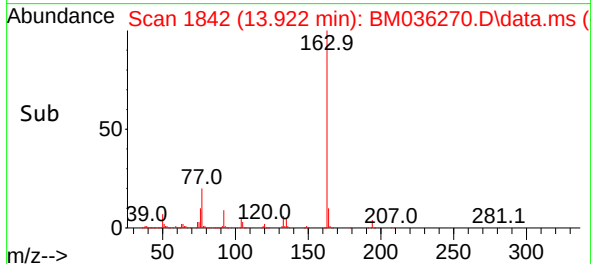
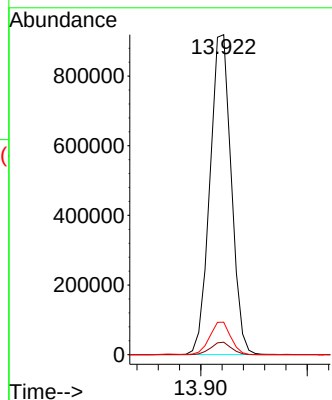
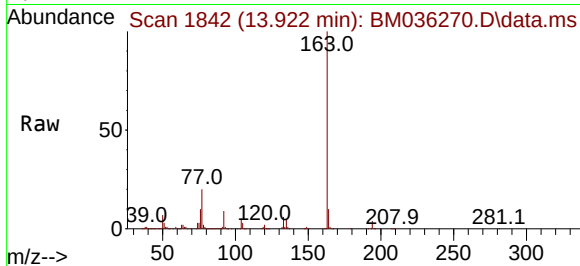




#47
Dimethylphthalate
Concen: 28.900 ng/ul
RT: 13.922 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

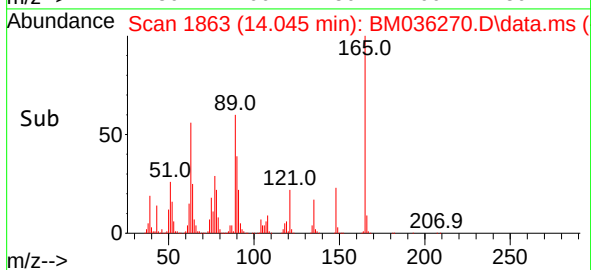
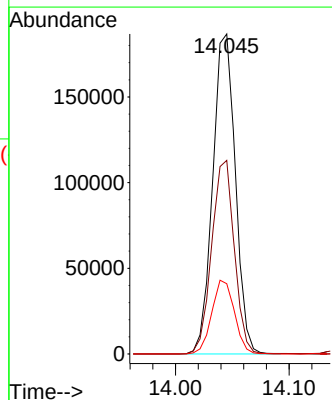
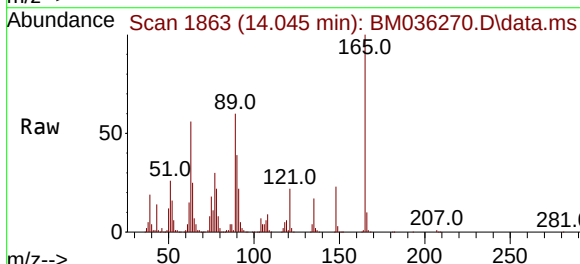
Instrument :
BNA_M
ClientSampleId :

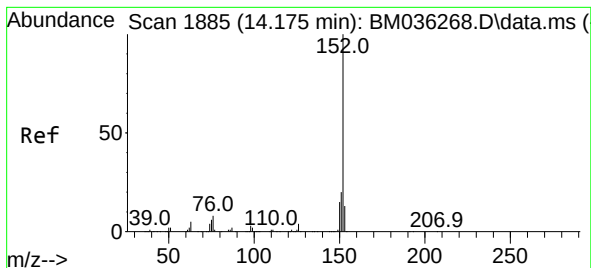
Tgt Ion:163 Resp: 1277412
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 29.509 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. 0.006 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:165 Resp: 258957
Ion Ratio Lower Upper
165 100
89 60.5 42.5 63.7
121 21.9 17.2 25.8





#50

Acenaphthylene

Concen: 28.098 ng/ul

RT: 14.174 min Scan# 1885

Delta R.T. -0.000 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

Instrument :

BNA_M

ClientSampleId :

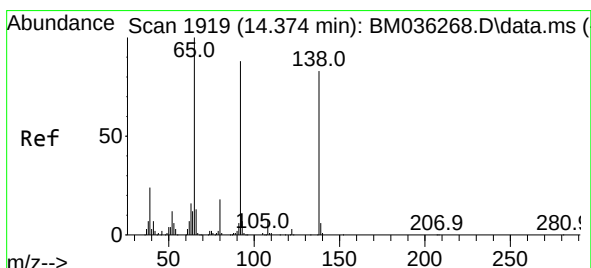
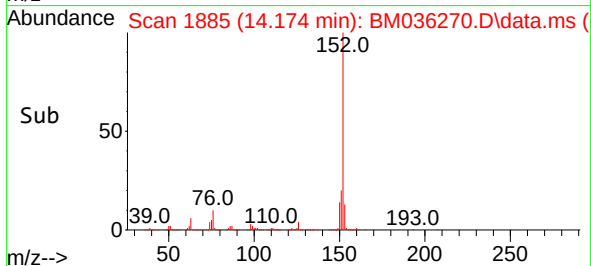
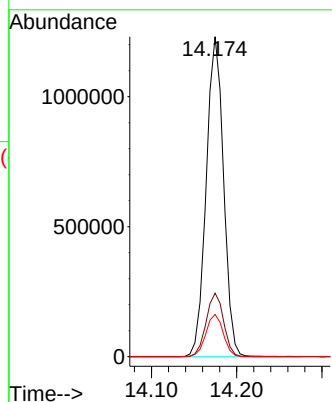
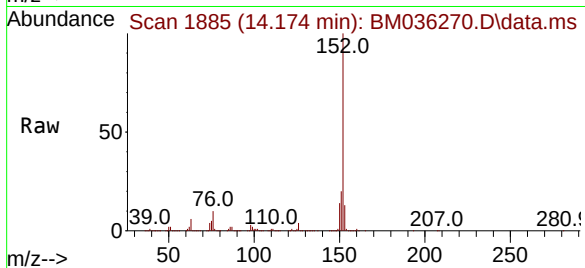
Tgt Ion:152 Resp: 1742721

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.2 10.6 15.8



#51

3-Nitroaniline

Concen: 28.837 ng/ul

RT: 14.374 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

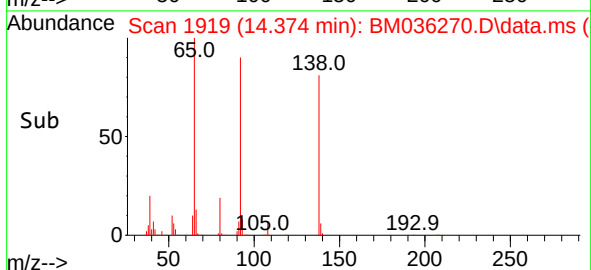
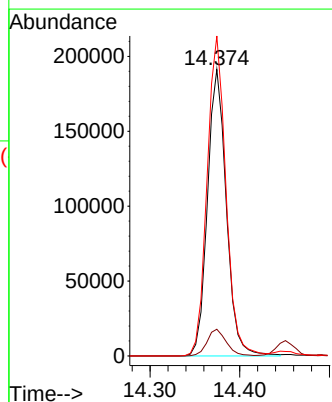
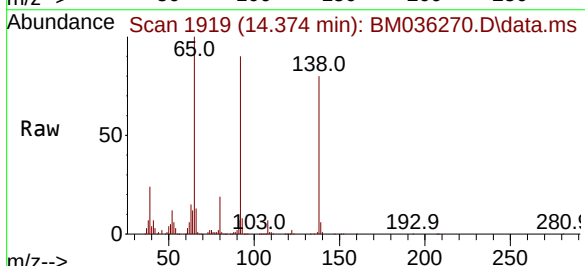
Tgt Ion:138 Resp: 279670

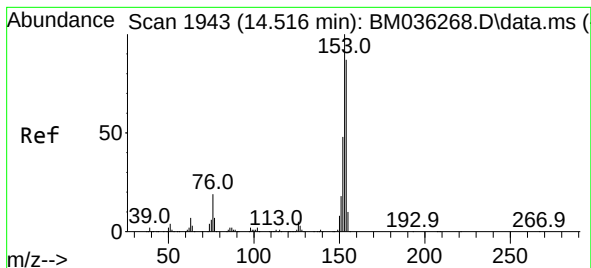
Ion Ratio Lower Upper

138 100

108 9.3 8.1 12.1

92 111.7 90.4 135.6





#52

Acenaphthene

Concen: 28.046 ng/ul

RT: 14.516 min Scan# 1943

Delta R.T. -0.000 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

Instrument :

BNA_M

ClientSampleId :

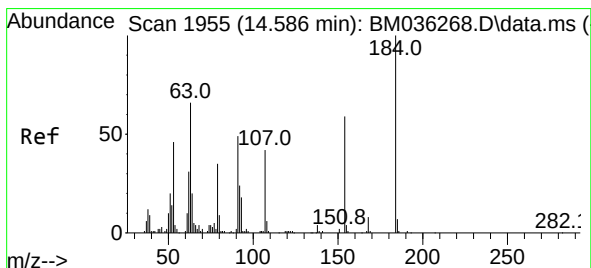
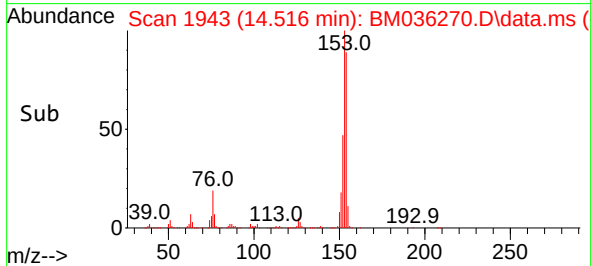
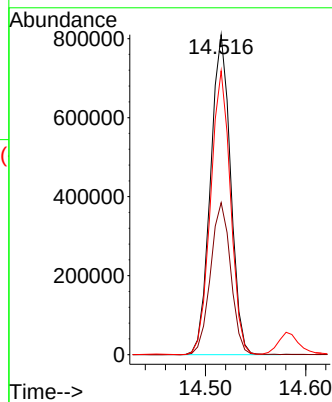
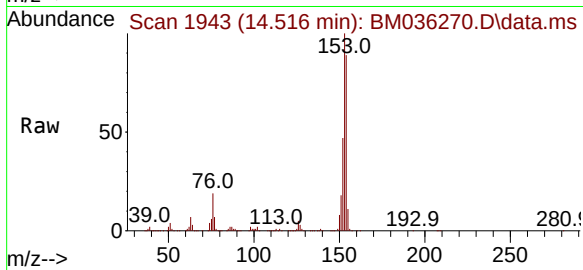
Tgt Ion:153 Resp: 1128467

Ion Ratio Lower Upper

153 100

152 47.5 37.1 55.7

154 88.7 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 26.782 ng/ul

RT: 14.580 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

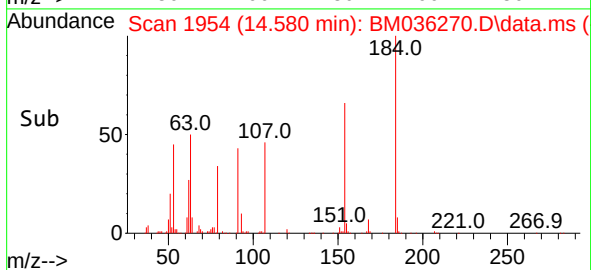
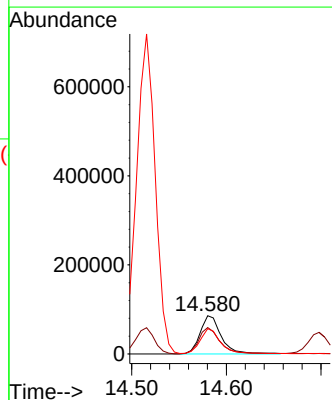
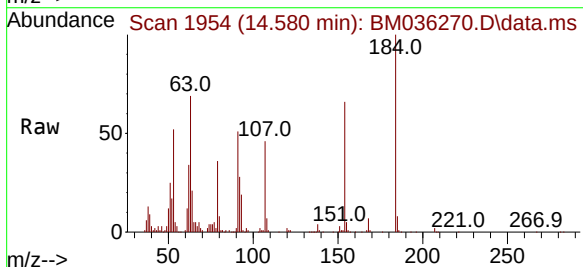
Tgt Ion:184 Resp: 133444

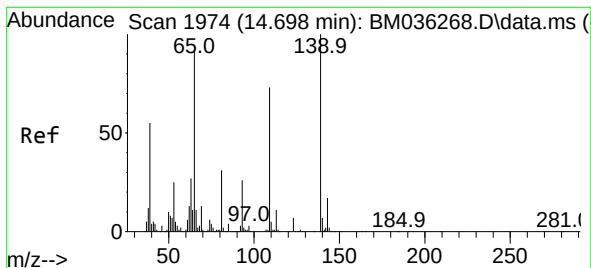
Ion Ratio Lower Upper

184 100

63 68.8 54.2 81.4

154 66.1 49.3 73.9

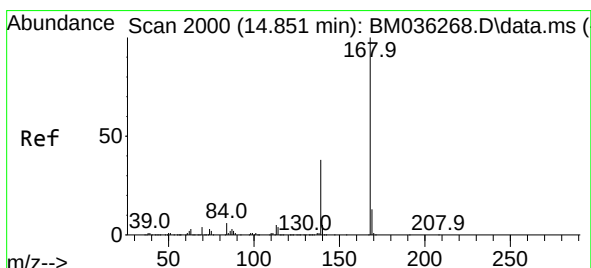
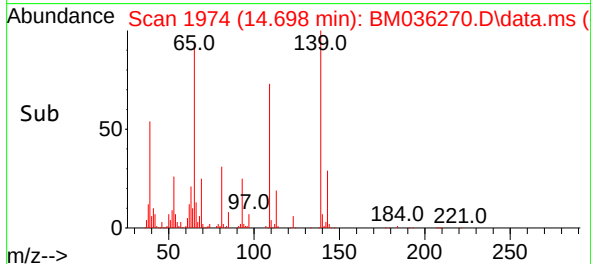
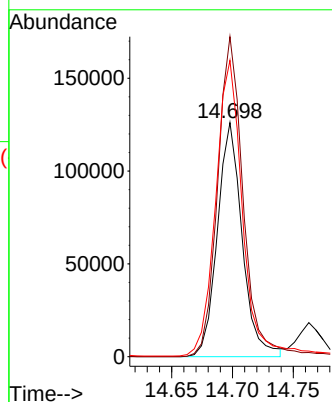
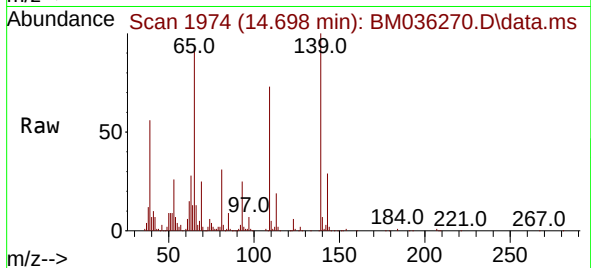




#55
4-Nitrophenol
Concen: 25.903 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

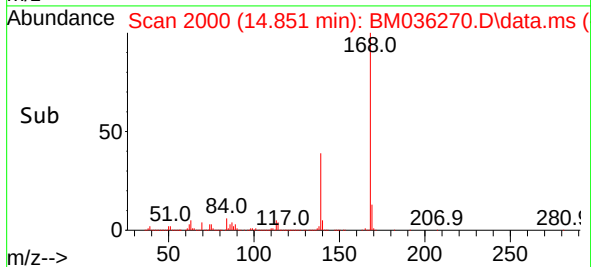
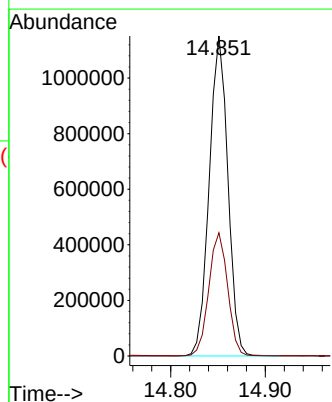
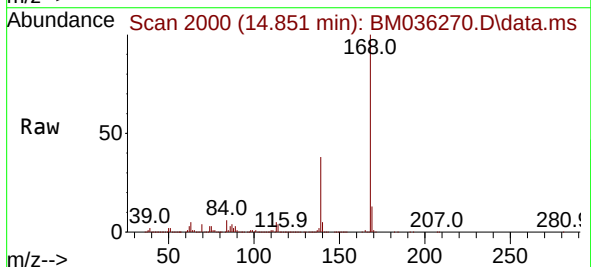
Instrument :
BNA_M
ClientSampleId :

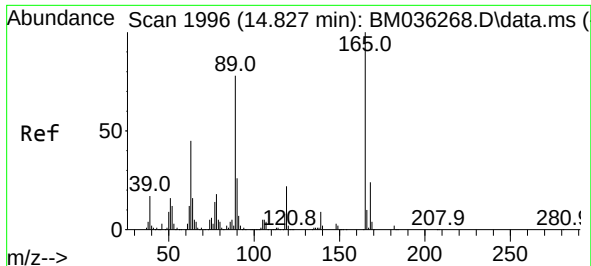
Tgt Ion:109 Resp: 178772
Ion Ratio Lower Upper
109 100
139 136.7 124.9 187.3
65 126.6 122.2 183.4



#56
Dibenzofuran
Concen: 28.263 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:168 Resp: 1573499
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1

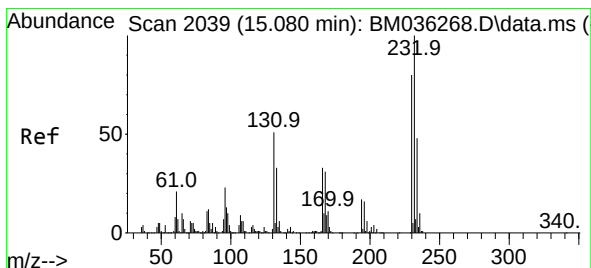
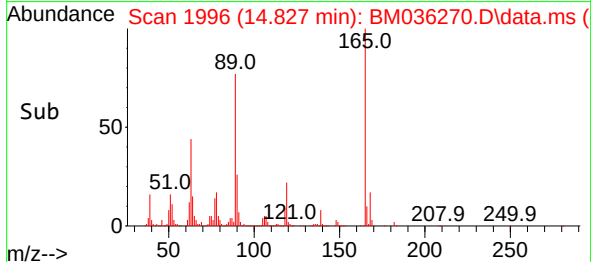
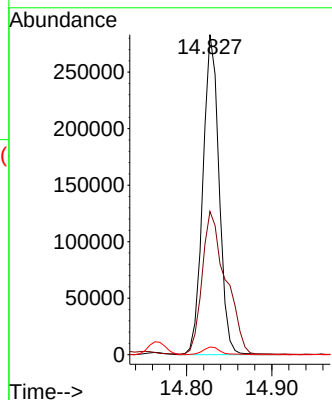
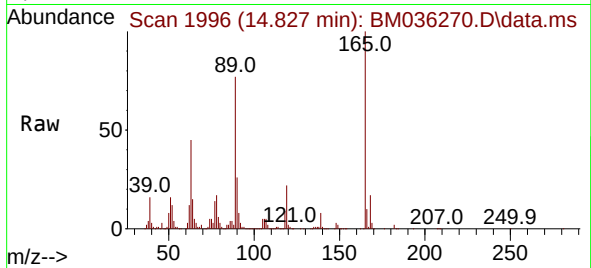




#57
2,4-Dinitrotoluene
Concen: 30.206 ng/ul
RT: 14.827 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

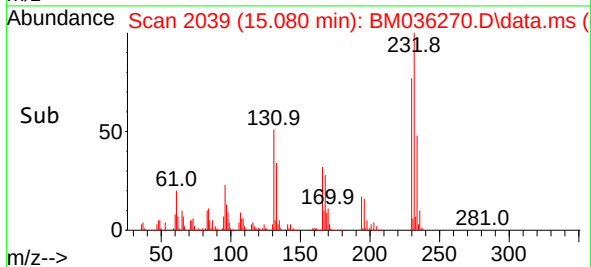
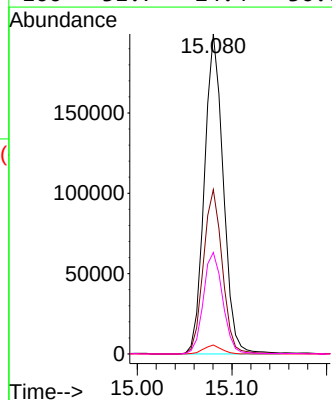
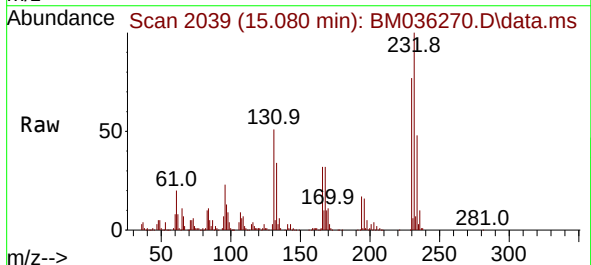
Instrument :
BNA_M
ClientSampleId :

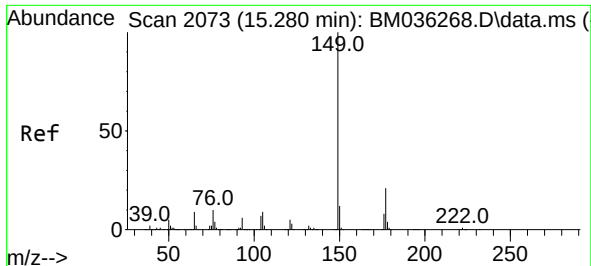
Tgt Ion:165 Resp: 373655
Ion Ratio Lower Upper
165 100
63 44.8 35.9 53.9
182 2.4 2.5 3.7#



#58
2,3,4,6-Tetrachlorophenol
Concen: 27.993 ng/ul
RT: 15.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:232 Resp: 275782
Ion Ratio Lower Upper
232 100
131 51.4 36.7 55.1
130 2.8 1.7 2.5#
166 31.7 24.4 36.6

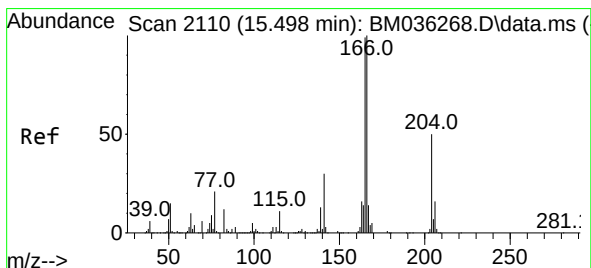
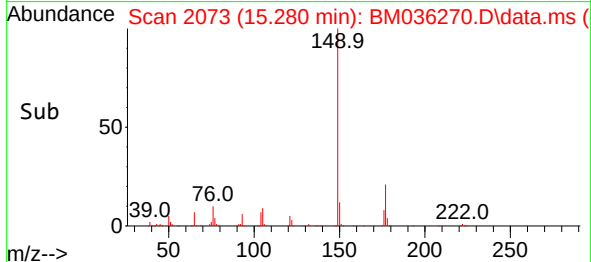
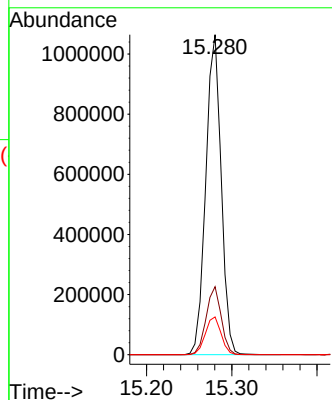
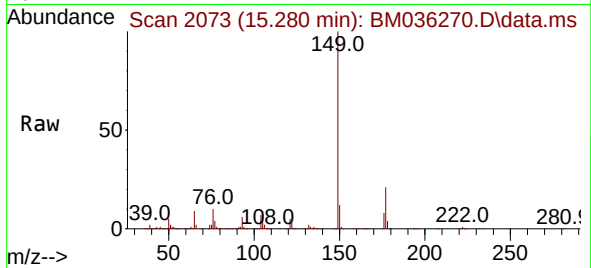




#59
Diethylphthalate
Concen: 29.829 ng/ul
RT: 15.280 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

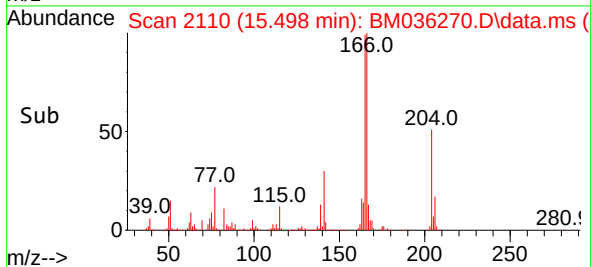
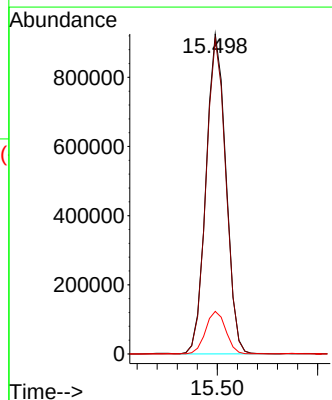
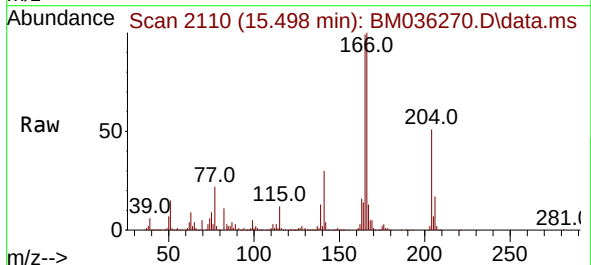
Instrument :
BNA_M
ClientSampleId :

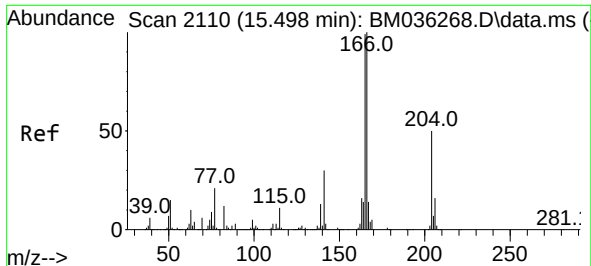
Tgt Ion:149 Resp: 1333626
Ion Ratio Lower Upper
149 100
177 21.3 16.8 25.2
150 11.8 10.2 15.4



#61
Fluorene
Concen: 28.077 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:166 Resp: 1276927
Ion Ratio Lower Upper
166 100
165 98.5 77.2 115.8
167 13.3 11.0 16.4

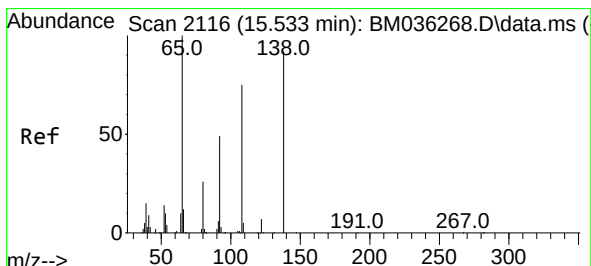
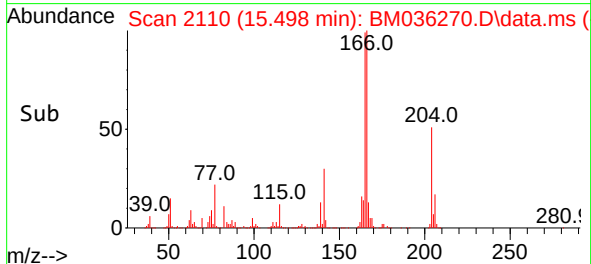
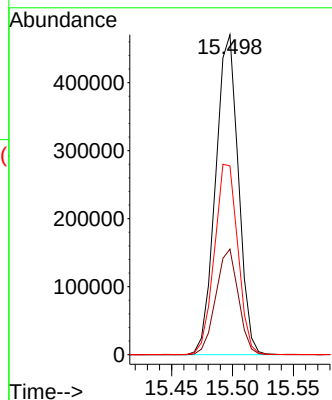
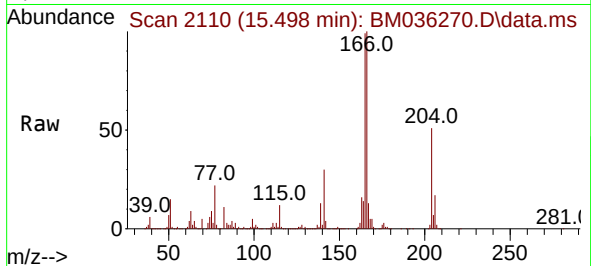




#62
4-Chlorophenyl-phenylether
Concen: 28.212 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

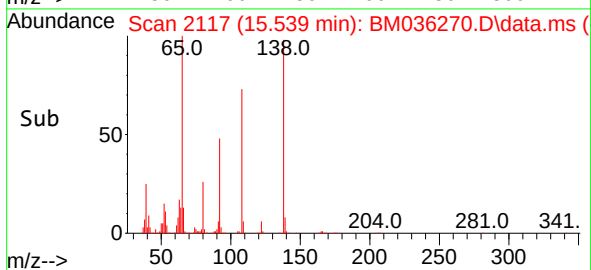
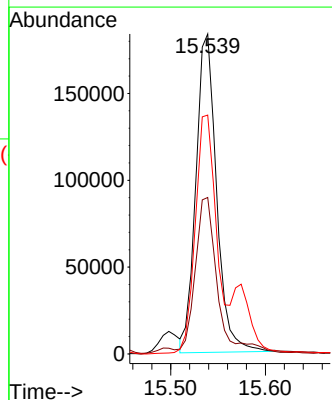
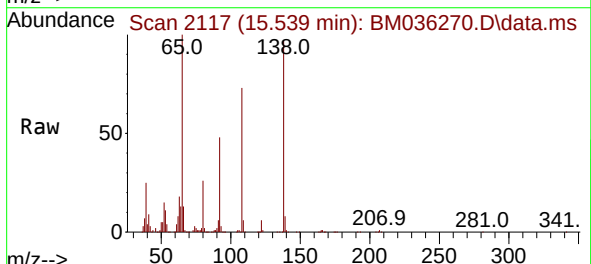
Instrument :
BNA_M
ClientSampleId :

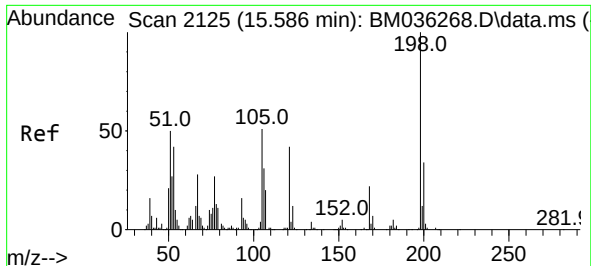
Tgt Ion:204 Resp: 614751
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 59.0 50.6 75.8



#63
4-Nitroaniline
Concen: 31.268 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

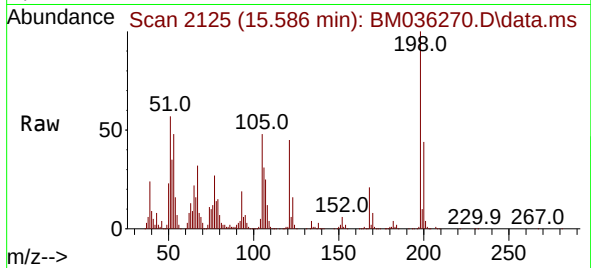
Tgt Ion:138 Resp: 279179
Ion Ratio Lower Upper
138 100
92 48.9 39.2 58.8
108 74.6 51.6 77.4



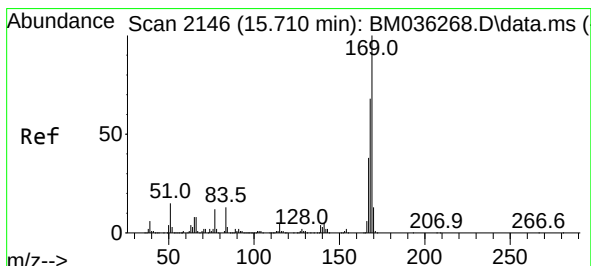
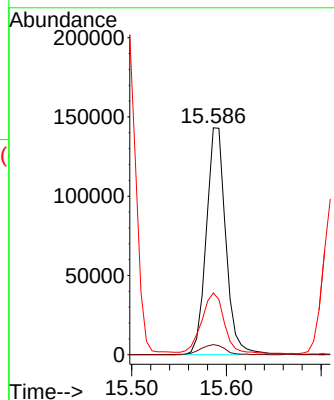
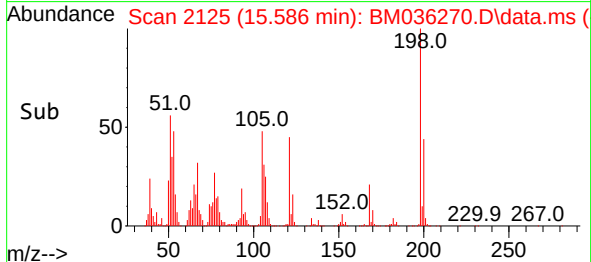


#66
4,6-Dinitro-2-methylphenol
Concen: 30.078 ng/ul
RT: 15.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

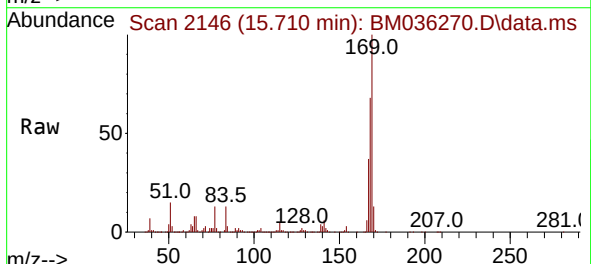
Instrument :
BNA_M
ClientSampleId :



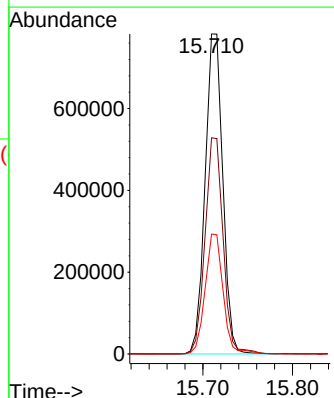
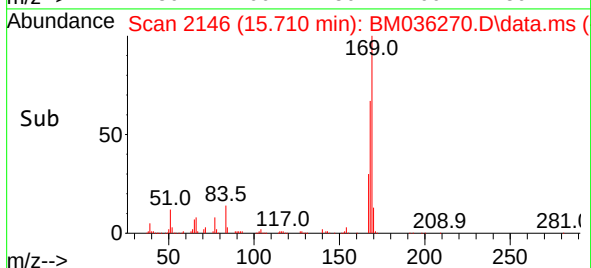
Tgt Ion:198 Resp: 204146
Ion Ratio Lower Upper
198 100
182 4.4 4.2 6.4
77 27.2 19.9 29.9

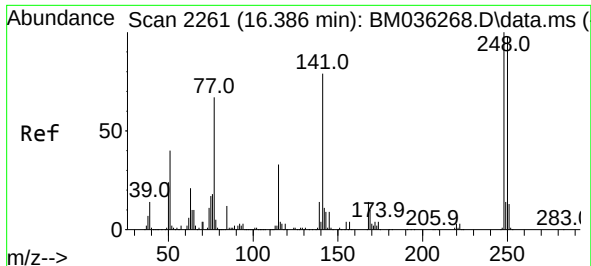


#67
N-Nitrosodiphenylamine
Concen: 28.827 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55



Tgt Ion:169 Resp: 1069394
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.6
167 37.4 28.7 43.1

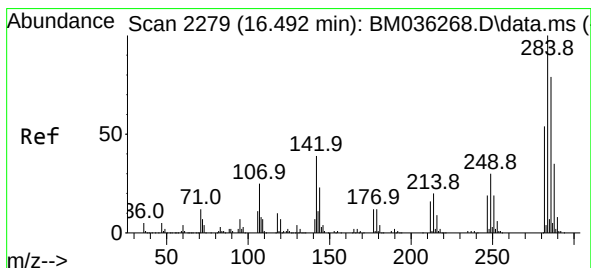
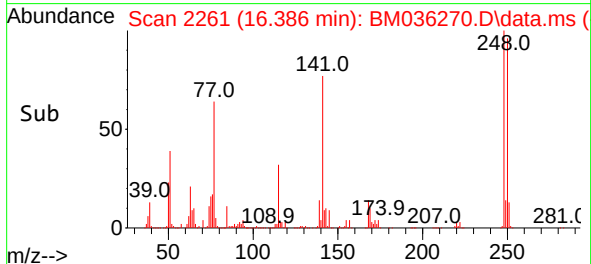
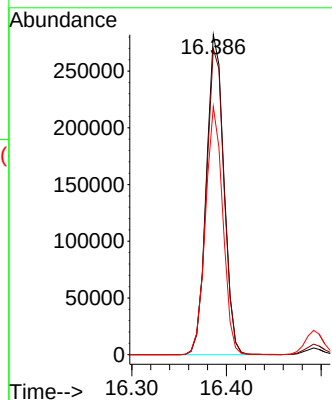
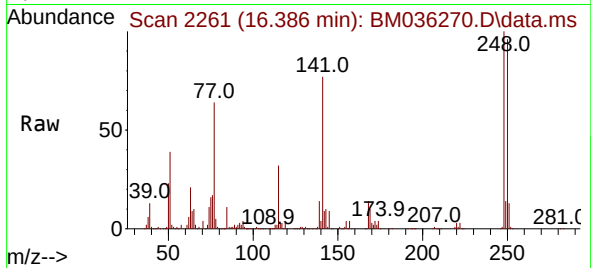




#68
4-Bromophenyl-phenylether
Concen: 29.217 ng/ul
RT: 16.386 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

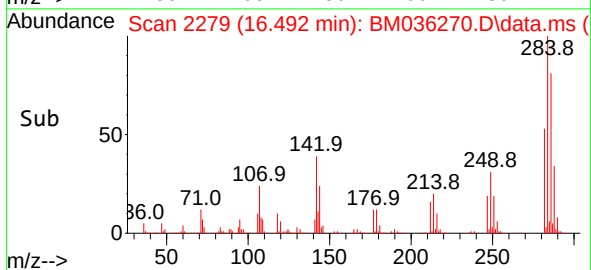
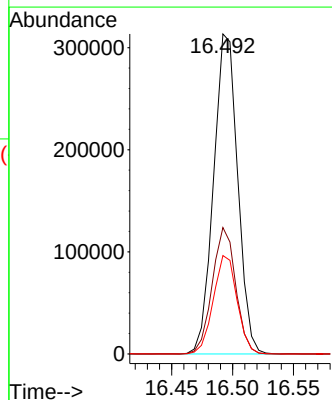
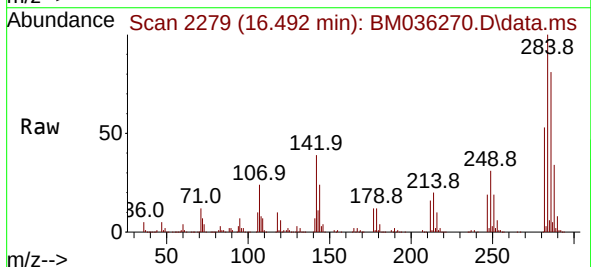
Instrument :
BNA_M
ClientSampleId :

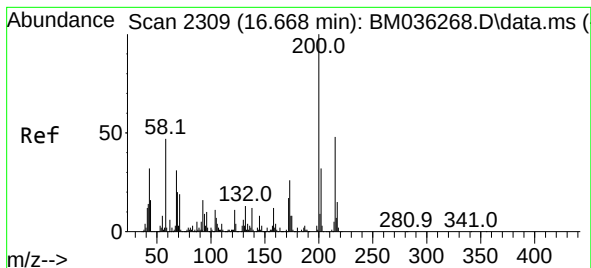
Tgt Ion:248 Resp: 361441
Ion Ratio Lower Upper
248 100
250 95.7 77.3 115.9
141 77.5 59.8 89.8



#69
Hexachlorobenzene
Concen: 28.679 ng/ul
RT: 16.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:284 Resp: 432284
Ion Ratio Lower Upper
284 100
142 39.5 28.6 42.8
249 30.7 24.6 37.0





#70

Atrazine

Concen: 10.643 ng/ul

RT: 16.668 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM036270.D

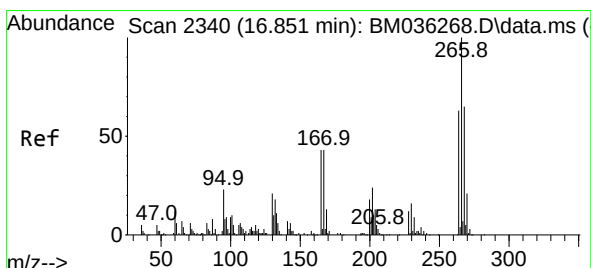
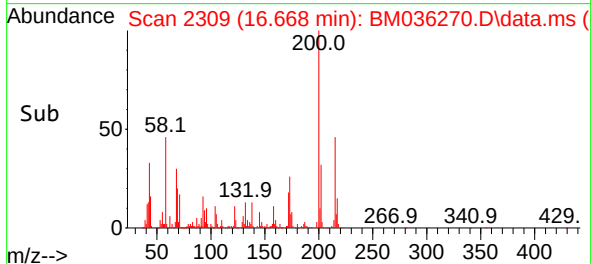
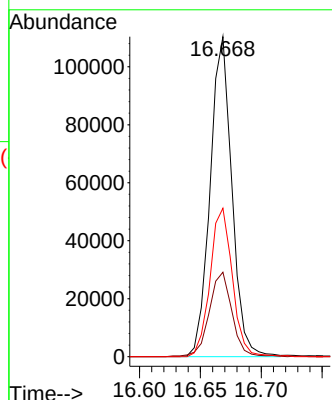
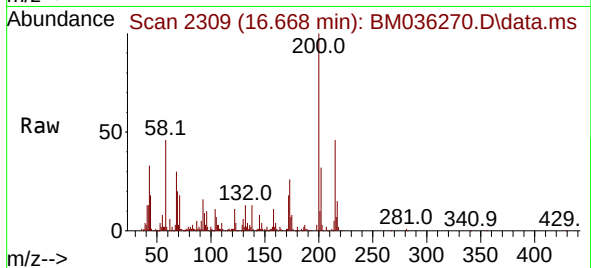
Acq: 14 Aug 2022 14:55

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	200	Resp:	136950
Ion Ratio	Lower	Upper	
200	100		
173	26.4	21.3	31.9
215	46.4	39.0	58.6



#71

Pentachlorophenol

Concen: 24.512 ng/ul

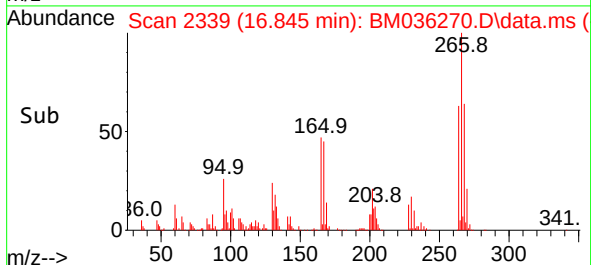
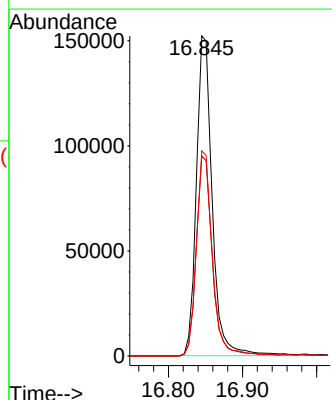
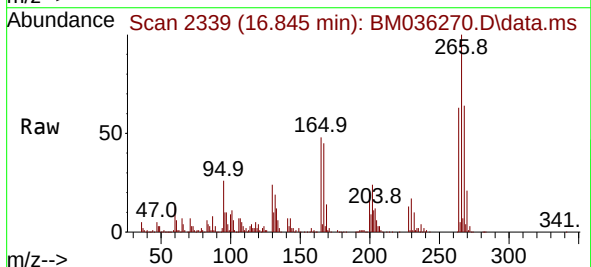
RT: 16.845 min Scan# 2339

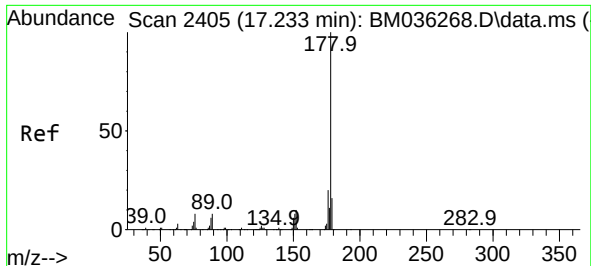
Delta R.T. -0.006 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

Tgt Ion:	266	Resp:	225710
Ion Ratio	Lower	Upper	
266	100		
264	62.5	49.5	74.3
268	64.1	51.0	76.4

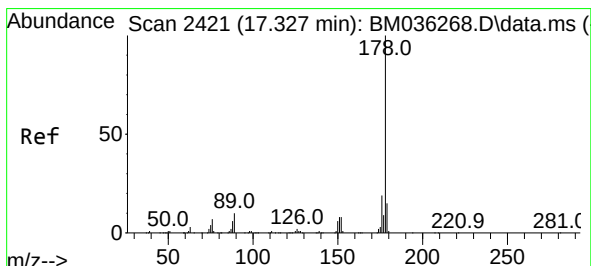
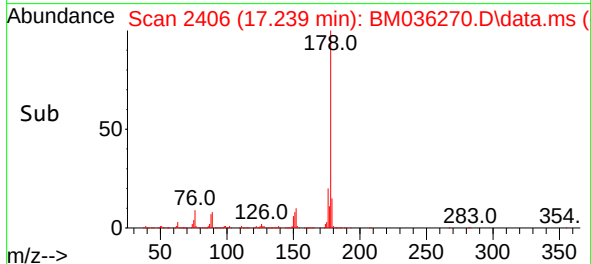
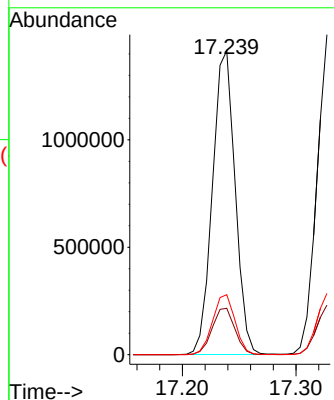
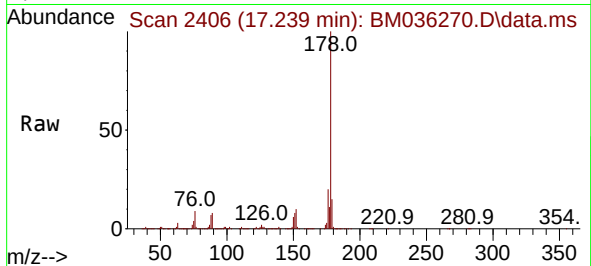




#72
Phenanthrene
Concen: 28.978 ng/u1
RT: 17.239 min Scan# 2406
Delta R.T. 0.006 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

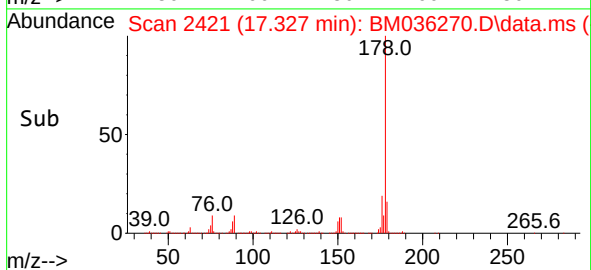
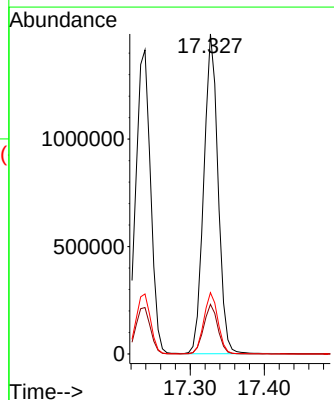
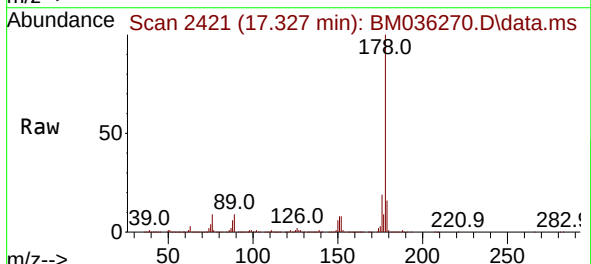
Instrument :
BNA_M
ClientSampleId :

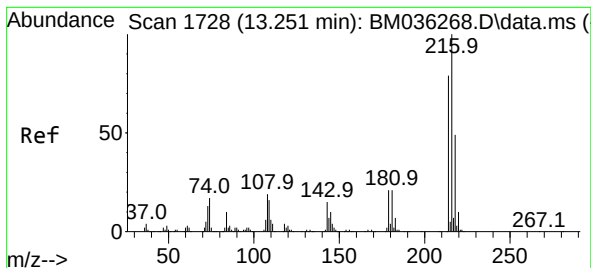
Tgt Ion:178 Resp: 1959885
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.7 14.9 22.3



#74
Anthracene
Concen: 29.289 ng/u1
RT: 17.327 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:178 Resp: 1987669
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.2 14.4 21.6

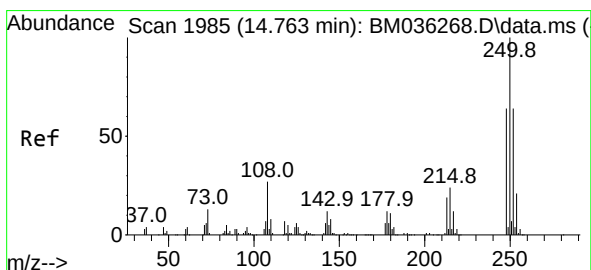
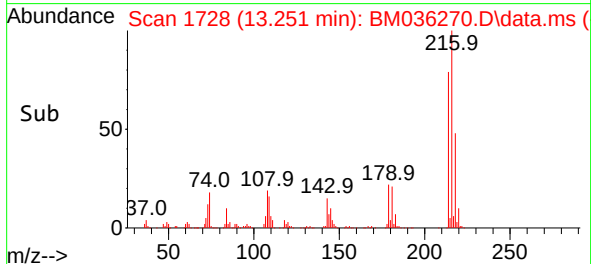
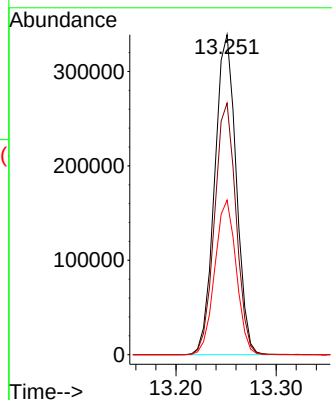
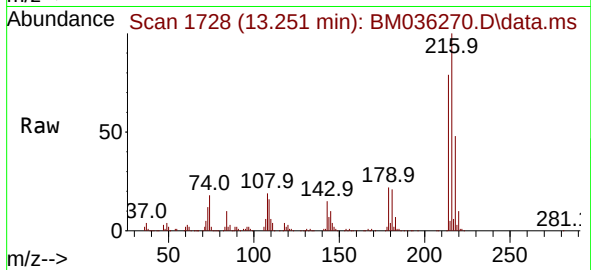




#75
1,2,3,4-Tetrachlorobenzene
Concen: 25.781 ng/uL
RT: 13.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

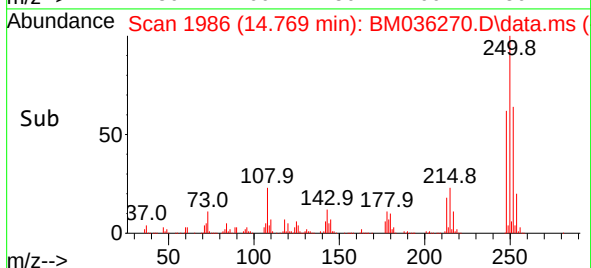
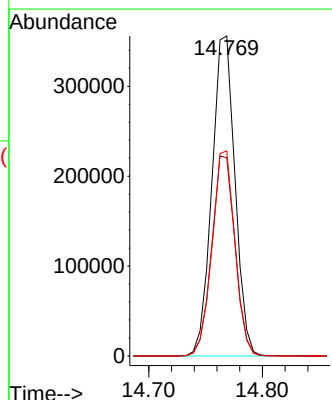
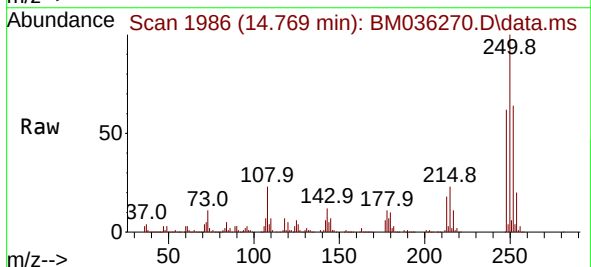
Instrument :
BNA_M
ClientSampleId :

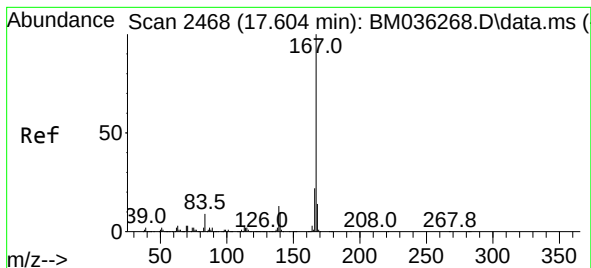
Tgt Ion:216 Resp: 505902
Ion Ratio Lower Upper
216 100
214 78.6 60.9 91.3
218 48.3 37.5 56.3



#76
Pentachlorobenzene
Concen: 28.259 ng/uL
RT: 14.769 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:250 Resp: 502670
Ion Ratio Lower Upper
250 100
248 62.0 50.4 75.6
252 64.1 51.1 76.7





#77

Carbazole

Concen: 29.126 ng/ul

RT: 17.604 min Scan# 2468

Delta R.T. -0.000 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

Instrument :

BNA_M

ClientSampleId :

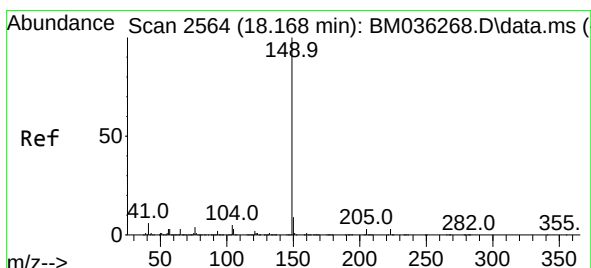
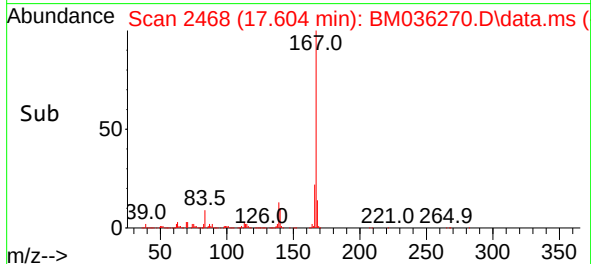
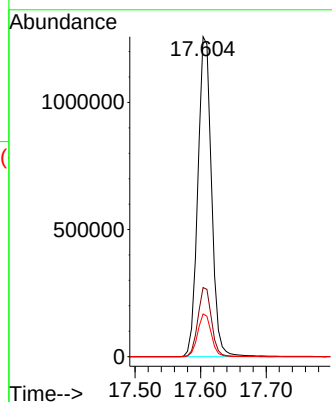
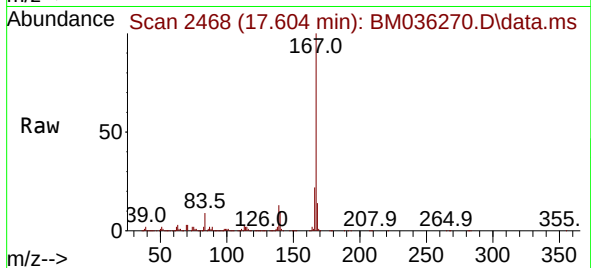
Tgt Ion:167 Resp: 1825622

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 13.4 10.1 15.1



#78

Di-n-butylphthalate

Concen: 32.014 ng/ul

RT: 18.168 min Scan# 2564

Delta R.T. -0.000 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

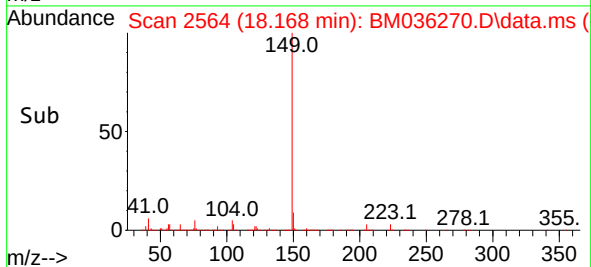
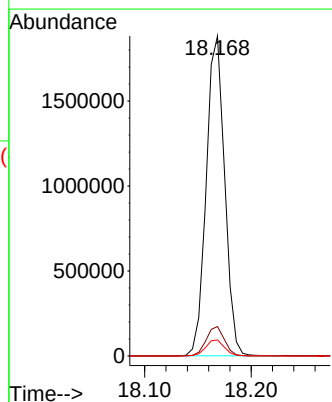
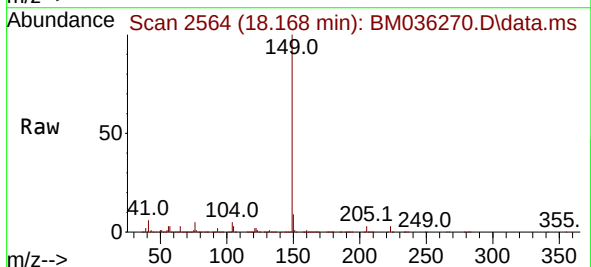
Tgt Ion:149 Resp: 2264018

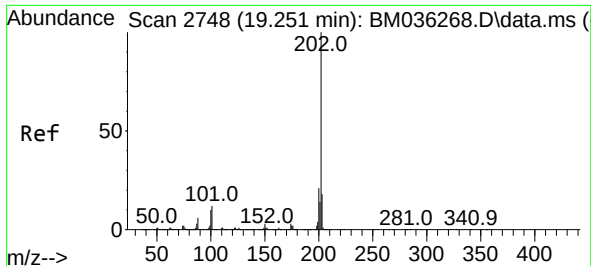
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.0 3.7 5.5

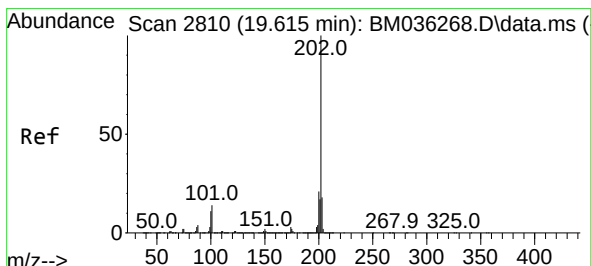
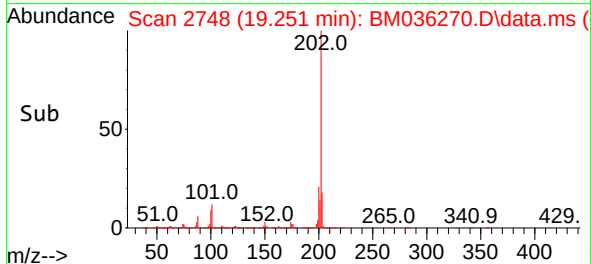
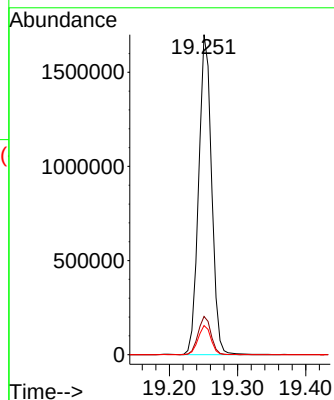
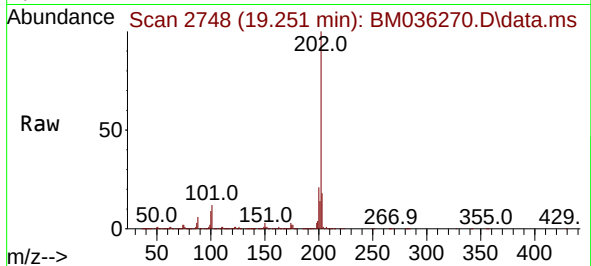




#80
 Fluoranthene
 Concen: 28.866 ng/u1
 RT: 19.251 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036270.D
 Acq: 14 Aug 2022 14:55

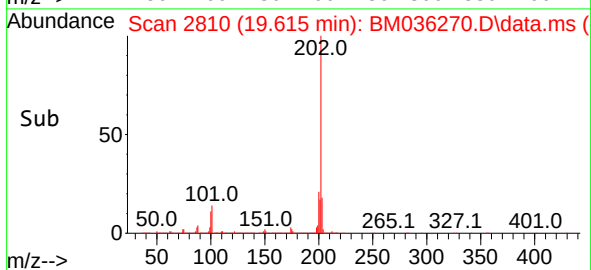
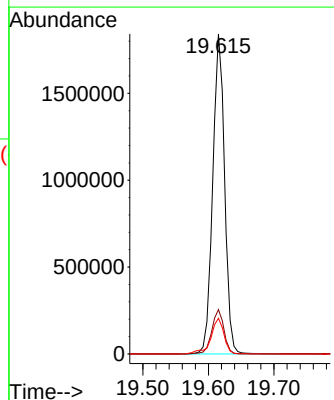
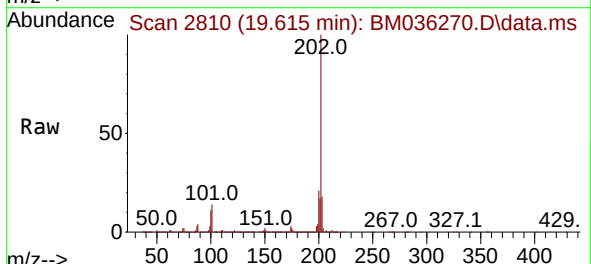
Instrument :
 BNA_M
 ClientSampleId :

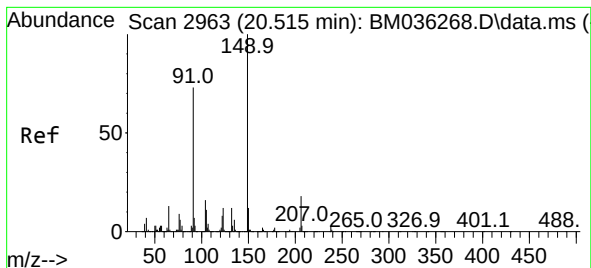
Tgt Ion:202 Resp: 2227783
 Ion Ratio Lower Upper
 202 100
 101 11.9 10.1 15.1
 100 9.1 7.8 11.6



#82
 Pyrene
 Concen: 29.076 ng/u1
 RT: 19.615 min Scan# 2810
 Delta R.T. -0.000 min
 Lab File: BM036270.D
 Acq: 14 Aug 2022 14:55

Tgt Ion:202 Resp: 2312930
 Ion Ratio Lower Upper
 202 100
 101 13.8 11.9 17.9
 100 11.2 10.2 15.4





#83

Butylbenzylphthalate

Concen: 33.209 ng/ul

RT: 20.515 min Scan# 2963

Delta R.T. -0.000 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

Instrument :

BNA_M

ClientSampleId :

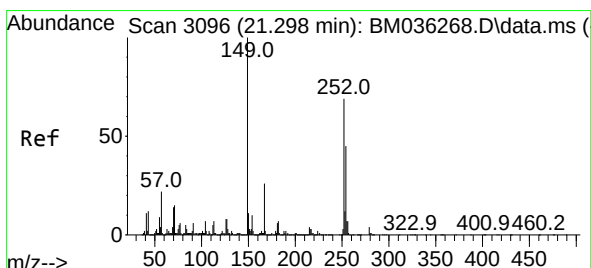
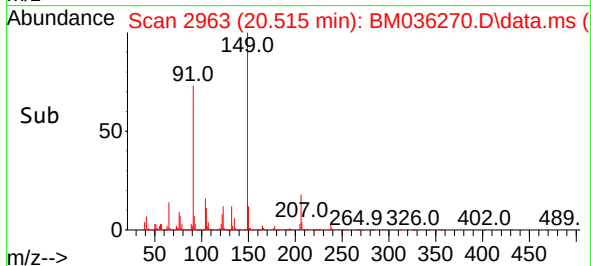
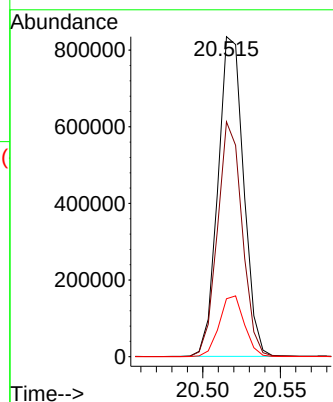
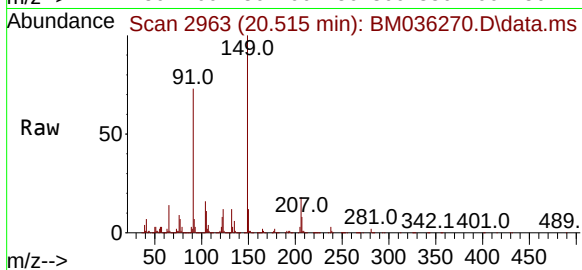
Tgt Ion:149 Resp: 960799

Ion Ratio Lower Upper

149 100

91 73.4 53.2 79.8

206 18.1 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 30.764 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

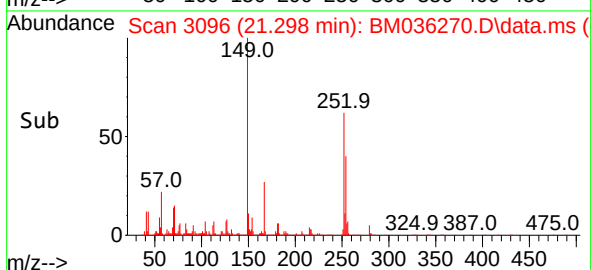
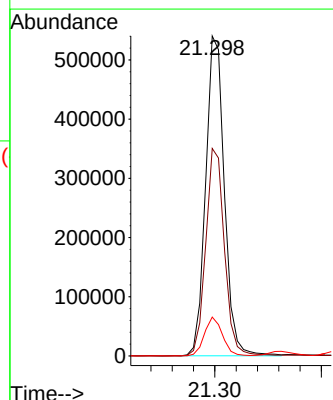
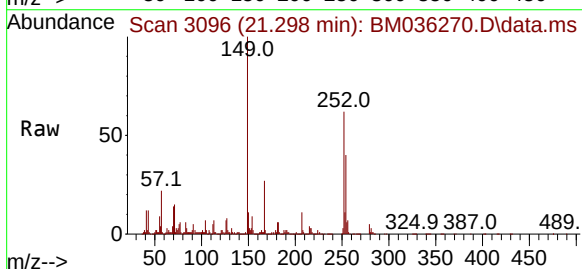
Tgt Ion:252 Resp: 661668

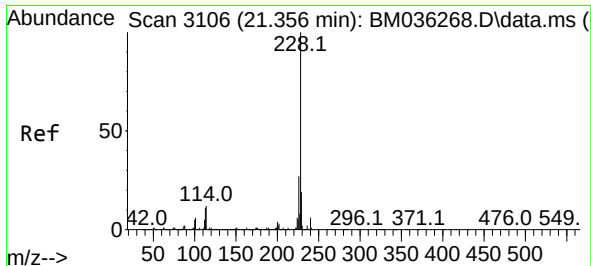
Ion Ratio Lower Upper

252 100

254 64.9 52.4 78.6

126 12.1 10.8 16.2

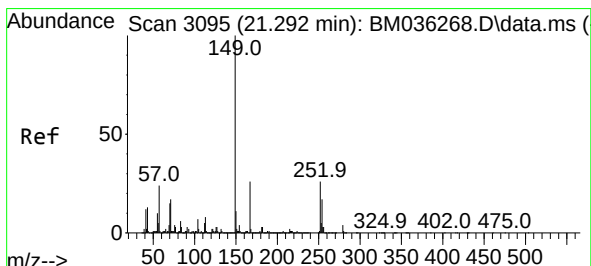
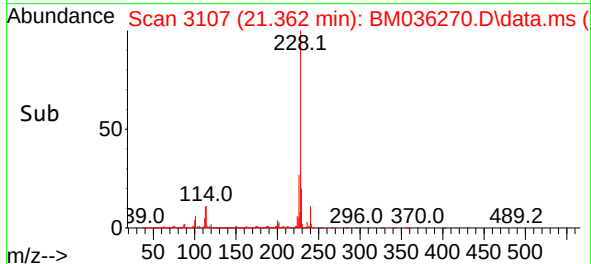
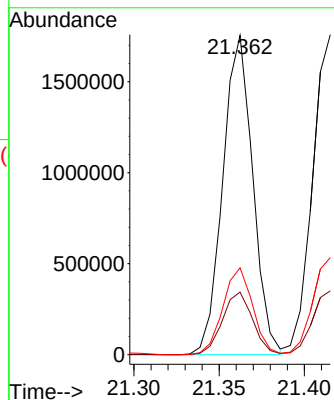
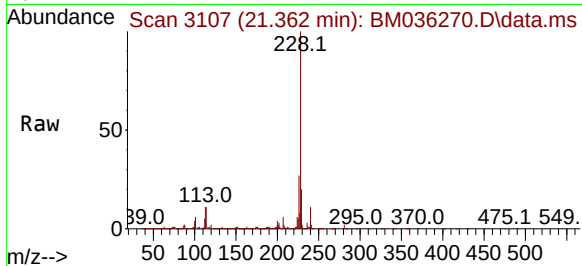




#85
Benzo(a)anthracene
Concen: 29.246 ng/ul
RT: 21.362 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

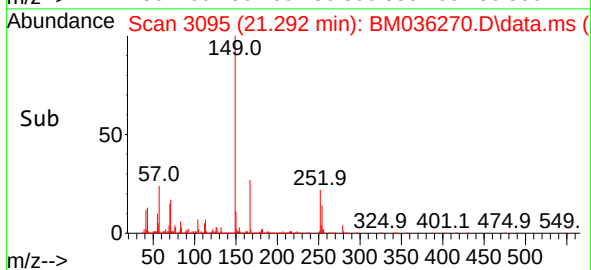
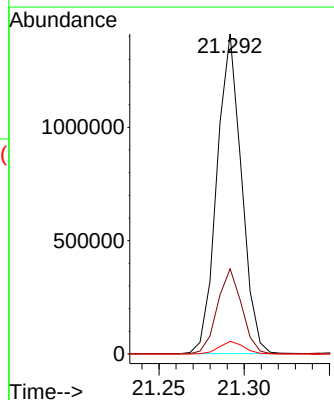
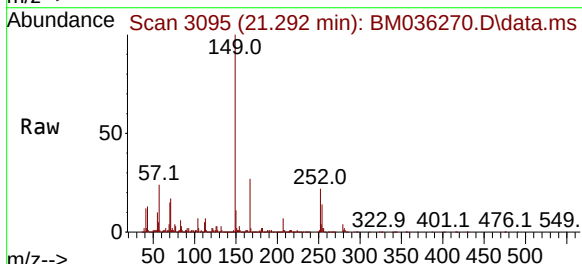
Instrument :
BNA_M
ClientSampleId :

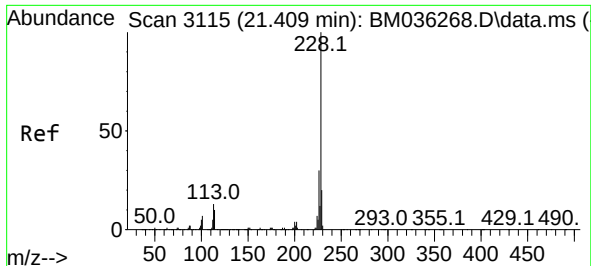
Tgt Ion:228 Resp: 2145500
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.2 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 33.863 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

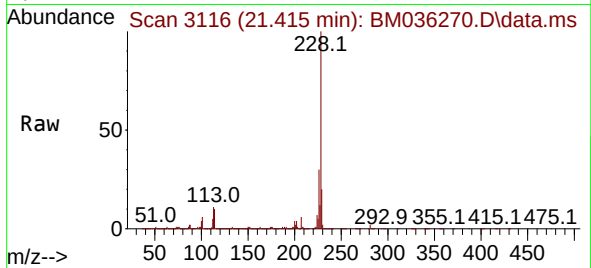
Tgt Ion:149 Resp: 1415629
Ion Ratio Lower Upper
149 100
167 26.6 21.5 32.3
279 4.0 3.4 5.2



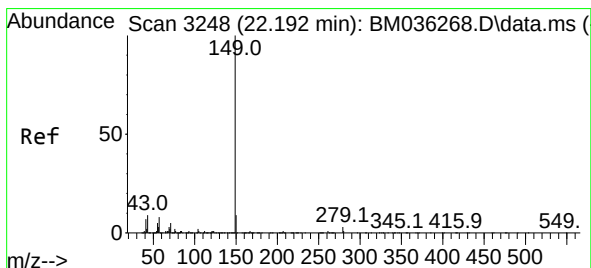
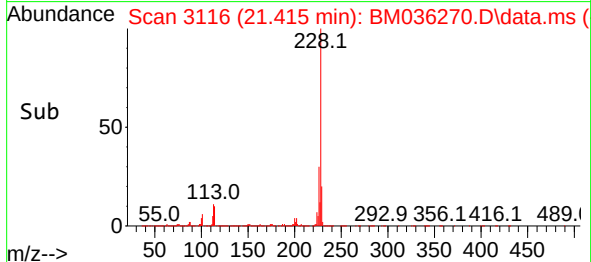
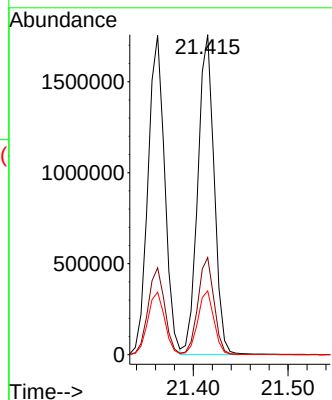


#87
Chrysene
Concen: 29.412 ng/ul
RT: 21.415 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Instrument :
BNA_M
ClientSampleId :

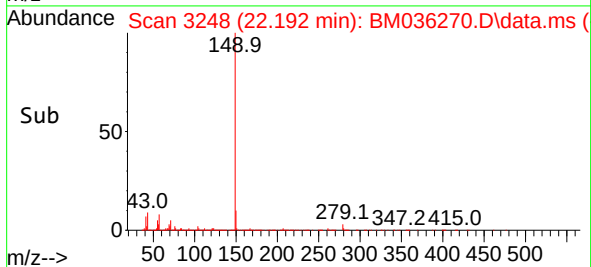
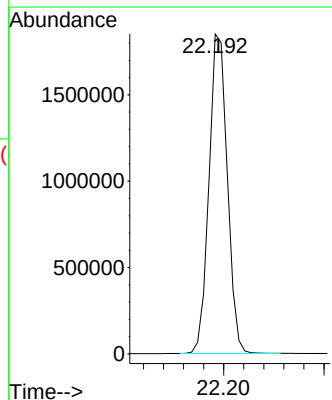
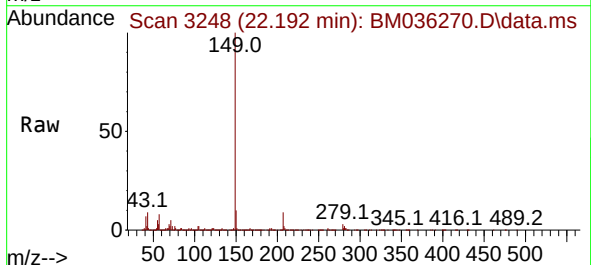


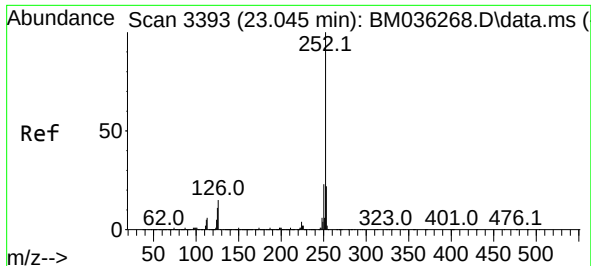
Tgt Ion:228 Resp: 2105236
Ion Ratio Lower Upper
228 100
226 30.4 23.7 35.5
229 19.9 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 31.664 ng/ul
RT: 22.192 min Scan# 3248
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:149 Resp: 2351891

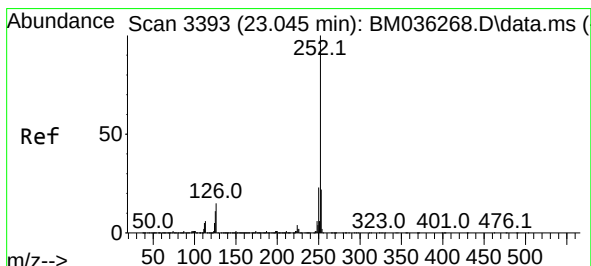
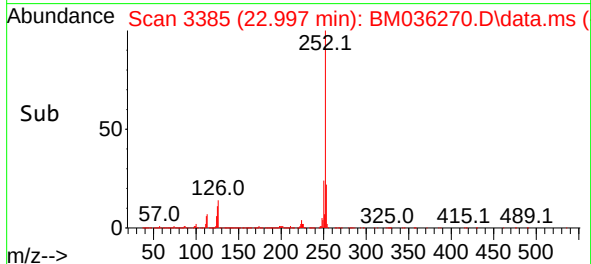
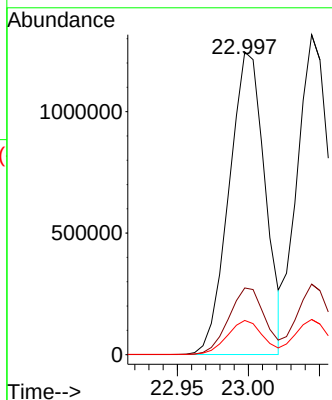
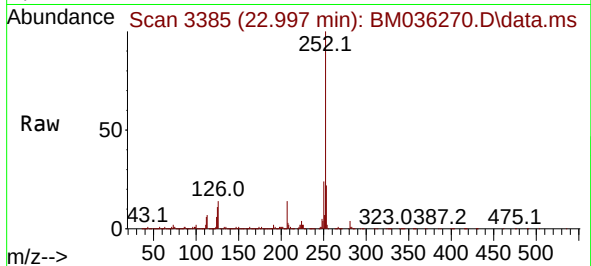




#90
Benzo(b)fluoranthene
Concen: 28.561 ng/ul
RT: 22.997 min Scan# 3385
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

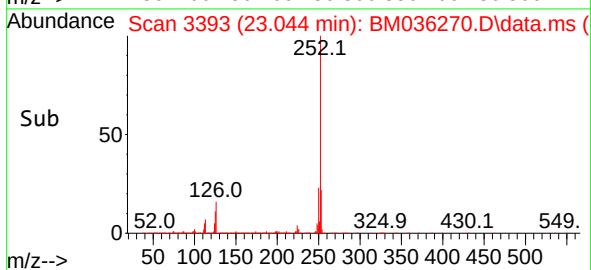
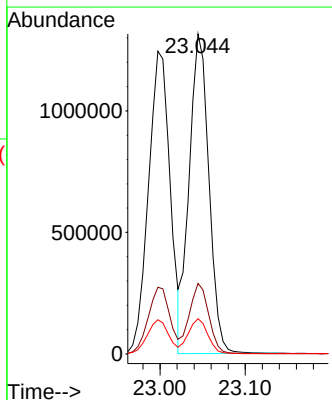
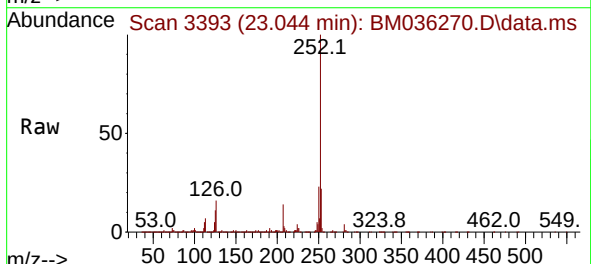
Instrument :
BNA_M
ClientSampleId :

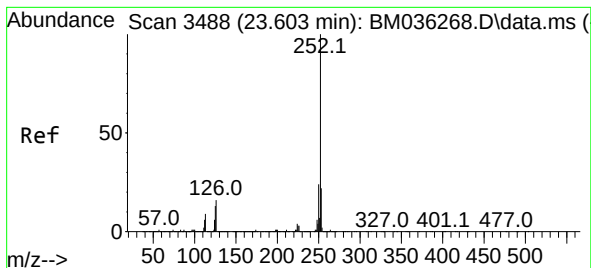
Tgt Ion:252 Resp: 2192386
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.3 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 28.925 ng/ul
RT: 23.044 min Scan# 3393
Delta R.T. -0.000 min
Lab File: BM036270.D
Acq: 14 Aug 2022 14:55

Tgt Ion:252 Resp: 2106894
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.0 10.6 15.8





#93

Benzo(a)pyrene

Concen: 29.456 ng/ul

RT: 23.609 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

Instrument :

BNA_M

ClientSampleId :

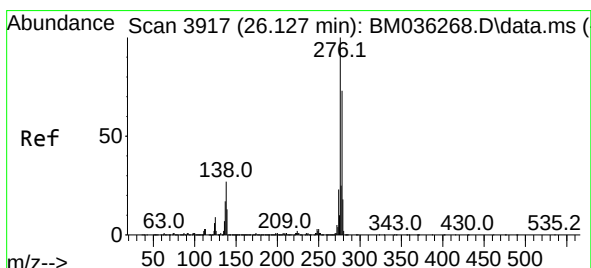
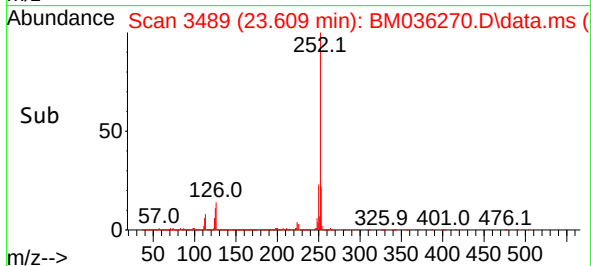
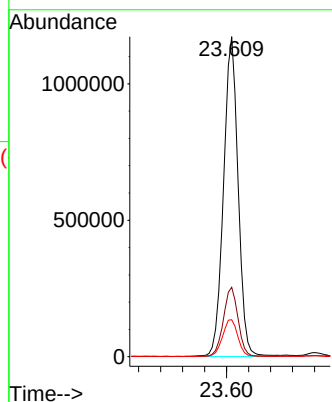
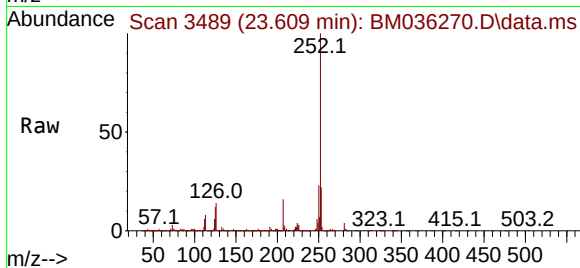
Tgt Ion:252 Resp: 2153625

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 11.5 11.8 17.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.622 ng/ul

RT: 26.133 min Scan# 3918

Delta R.T. 0.006 min

Lab File: BM036270.D

Acq: 14 Aug 2022 14:55

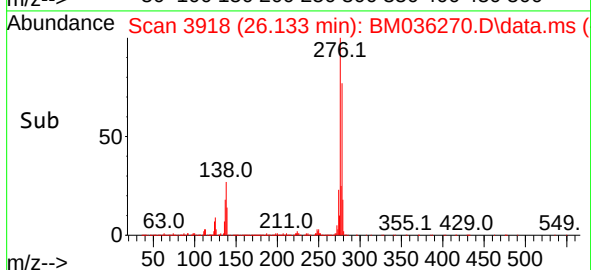
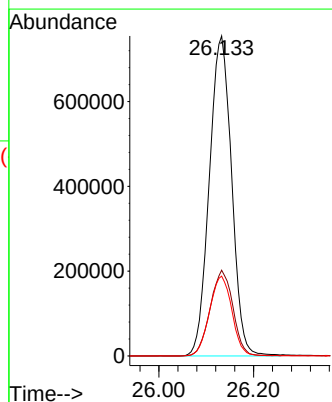
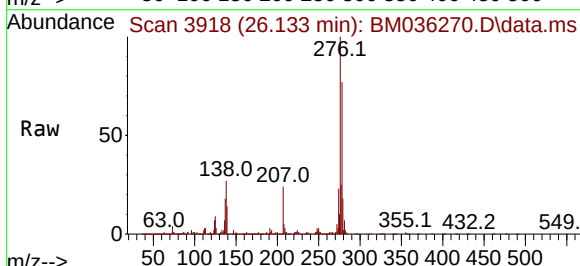
Tgt Ion:276 Resp: 2464387

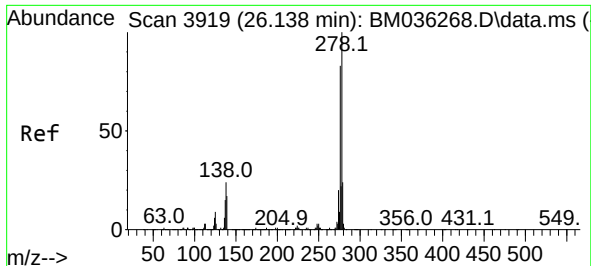
Ion Ratio Lower Upper

276 100

138 26.8 25.6 38.4

277 25.0 20.1 30.1

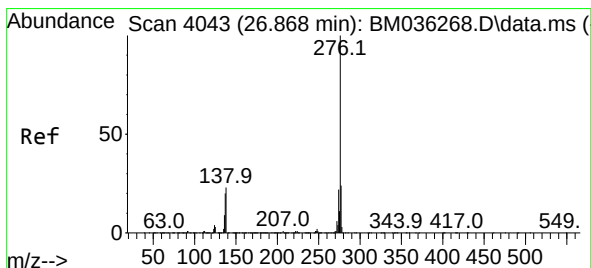
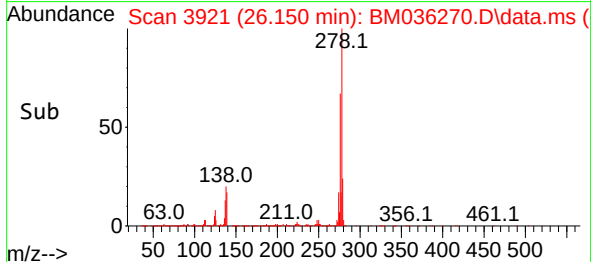
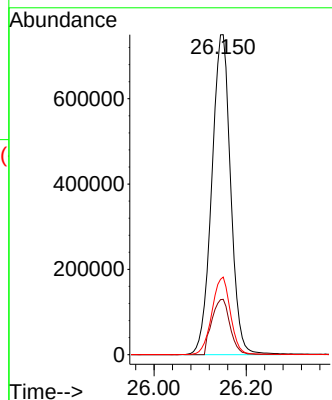
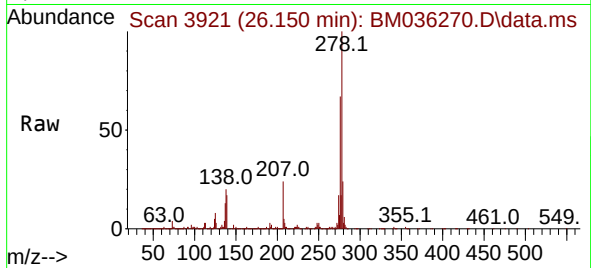




#95
 Dibenzo(a,h)anthracene
 Concen: 31.932 ng/ul
 RT: 26.150 min Scan# 3919
 Delta R.T. 0.012 min
 Lab File: BM036270.D
 Acq: 14 Aug 2022 14:55

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 2134977
 Ion Ratio Lower Upper
 278 100
 139 17.3 16.2 24.2
 279 24.2 18.7 28.1



#96
 Benzo(g,h,i)perylene
 Concen: 32.172 ng/ul
 RT: 26.874 min Scan# 4044
 Delta R.T. 0.006 min
 Lab File: BM036270.D
 Acq: 14 Aug 2022 14:55

Tgt Ion:276 Resp: 2077718
 Ion Ratio Lower Upper
 276 100
 138 23.2 21.3 31.9
 277 23.7 18.6 28.0

