

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081922\
 Data File : BM036354.D
 Acq On : 19 Aug 2022 11:53
 Operator : CG/JU
 Sample : N3670-02
 Misc : MDL-WATER-4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 20 02:17:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 16 15:00:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	308741	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.592	136	1384142	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.439	164	804685	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1478250	20.000	ng/u1	-0.01
79) Chrysene-d12	21.362	240	1291643	20.000	ng/u1	-0.01
88) Perylene-d12	23.691	264	1323330	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	28989	3.578	ng/uL	0.00
4) Pyridine-d5	3.634	84	362313	16.218	ng/u1	0.00
7) Phenol-d5	6.975	99	488754	18.546	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	327685	19.754	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	406529	19.633	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	388974	19.768	ng/u1	-0.01
21) Nitrobenzene-d5	8.963	128	202844	19.329	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.681	143	206898	19.436	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	360840	18.971	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.745	131	550766	18.679	ng/u1	-0.01
46) Dimethylphthalate-d6	13.857	166	1046918	20.565	ng/u1	-0.01
49) Acenaphthylene-d8	14.133	160	1358440	21.395	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	147528	15.294	ng/u1	-0.01
60) Fluorene-d10	15.433	176	892543	19.402	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	116932	15.386	ng/u1	0.00
73) Anthracene-d10	17.280	188	1273020	19.367	ng/u1	0.00
81) Pyrene-d10	19.574	212	1322343	19.736	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	1250899	19.279	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	8473	0.993	ng/uL	95
5) Pyridine	3.657	79	90802	3.935	ng/u1	96
6) Benzaldehyde	6.940	77	64663	5.973	ng/u1	90
8) Phenol	6.998	94	115074	4.200	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.228	93	95721	4.368	ng/u1	99
12) 2-Chlorophenol	7.357	128	92071	4.252	ng/u1	95
13) 2-Methylphenol	8.251	108	81793	4.050	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.334	45	133561	4.555	ng/u1	96
16) Acetophenone	8.628	105	139213	4.399	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.610	70	72321	4.591	ng/u1	97
18) 4-Methylphenol	8.581	108	92888	4.296	ng/u1	98
19) Hexachloroethane	8.869	117	38379	4.237	ng/u1	91
22) Nitrobenzene	9.004	77	103933	4.180	ng/u1	96
23) Isophorone	9.534	82	186021	4.213	ng/u1	97
25) 2-Nitrophenol	9.716	139	49286	4.156	ng/u1	95
26) 2,4-Dimethylphenol	9.781	107	97183	4.098	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	126331	4.395	ng/u1	98
29) 2,4-Dichlorophenol	10.251	162	81044	4.165	ng/u1	98
30) Naphthalene	10.645	128	308870	4.252	ng/u1	99
32) 4-Chloroaniline	10.769	127	121802	4.061	ng/u1	97
33) Hexachlorobutadiene	10.922	225	51786	4.236	ng/u1	97
34) Caprolactam	11.575	113	23003	3.945	ng/u1	86
35) 4-Chloro-3-methylphenol	11.904	107	76909	3.909	ng/u1	97
36) 2-Methylnaphthalene	12.263	142	191244	4.196	ng/u1	99

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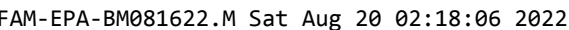
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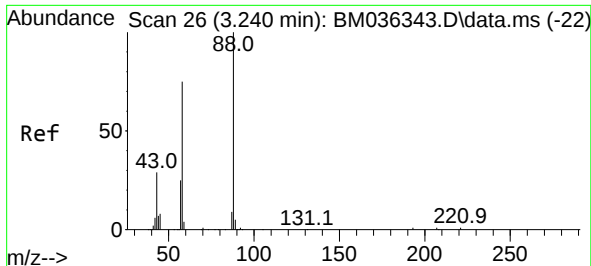
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	203399	4.431	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.627	216	92758	4.171	ng/ul#	97
40) Hexachlorocyclopentadiene	12.598	237	68602	5.199	ng/ul	97
41) 2,4,6-Trichlorophenol	12.880	196	52306	3.737	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	52491	3.536	ng/ul	97
43) 1,1'-Biphenyl	13.275	154	258366	4.269	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	189691	4.085	ng/ul	99
45) 2-Nitroaniline	13.539	65	44846	3.566	ng/ul	92
47) Dimethylphthalate	13.904	163	228149	4.354	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	36010	3.642	ng/ul#	79
50) Acenaphthylene	14.163	152	319579	4.268	ng/ul	98
51) 3-Nitroaniline	14.369	138	36580	3.383	ng/ul	96
52) Acenaphthene	14.504	153	205818	4.217	ng/ul	96
53) 2,4-Dinitrophenol	14.580	184	22314	4.141	ng/ul#	79
55) 4-Nitrophenol	14.680	109	35678	4.681	ng/ul	86
56) Dibenzofuran	14.839	168	287433	4.245	ng/ul	97
57) 2,4-Dinitrotoluene	14.821	165	52899	3.773	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.069	232	43902	3.895	ng/ul#	90
59) Diethylphthalate	15.263	149	227340	4.401	ng/ul	99
61) Fluorene	15.486	166	227011	4.226	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.480	204	108801	4.336	ng/ul	100
63) 4-Nitroaniline	15.527	138	31331	3.106	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.580	198	31719	4.128	ng/ul#	85
67) N-Nitrosodiphenylamine	15.698	169	179956	4.258	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	58113	4.246	ng/ul	93
69) Hexachlorobenzene	16.480	284	68961	4.157	ng/ul	95
70) Atrazine	16.657	200	75918	5.257	ng/ul	97
71) Pentachlorophenol	16.839	266	51009	5.578	ng/ul	97
72) Phenanthrene	17.221	178	329625	4.242	ng/ul	98
74) Anthracene	17.315	178	325970	4.184	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.239	216	94500	4.261	ng/uL	99
76) Pentachlorobenzene	14.751	250	99271	4.793	ng/uL	100
77) Carbazole	17.598	167	279197	3.827	ng/ul	100
78) Di-n-butylphthalate	18.157	149	324323	4.065	ng/ul	98
80) Fluoranthene	19.239	202	332311	4.104	ng/ul	99
82) Pyrene	19.604	202	361436	4.277	ng/ul	98
83) Butylbenzylphthalate	20.509	149	123637	3.911	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.292	252	95221	3.580	ng/ul	99
85) Benzo(a)anthracene	21.350	228	321385	4.140	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	171961	3.940	ng/ul	98
87) Chrysene	21.403	228	314984	4.130	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	292382	3.717	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	329009	4.078	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	315522	4.111	ng/ul	100
93) Benzo(a)pyrene	23.586	252	336100	4.234	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.097	276	378613	4.057	ng/ul	96
95) Dibenzo(a,h)anthracene	26.115	278	325955	4.055	ng/ul	97
96) Benzo(g,h,i)perylene	26.838	276	317930	3.984	ng/ul	97

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

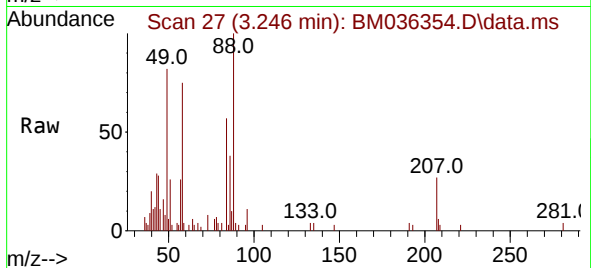
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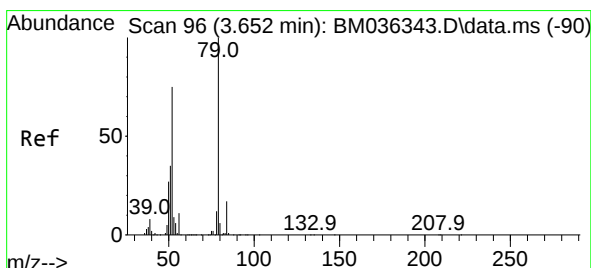
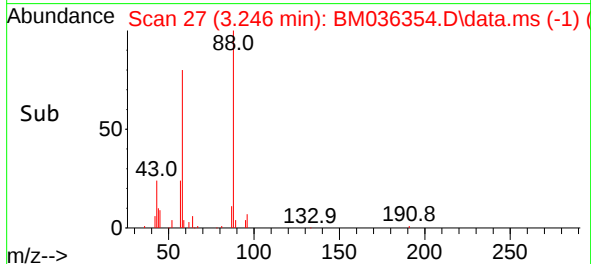
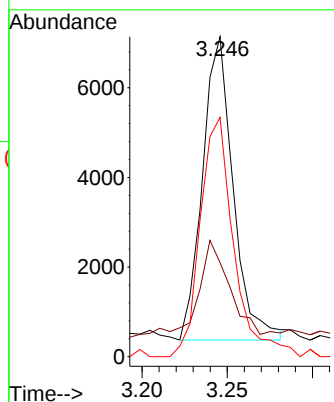
#2
 1,4-Dioxane
 Concen: 0.993 ng/uL
 RT: 3.246 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036354.D
 Acq: 19 Aug 2022 11:53

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 88 Resp: 8473

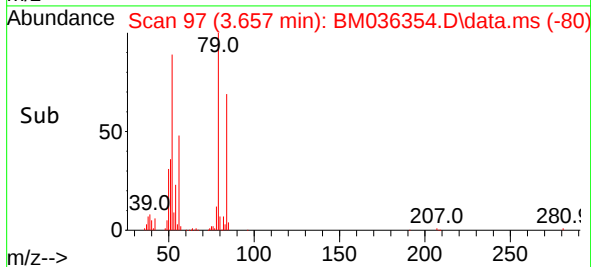
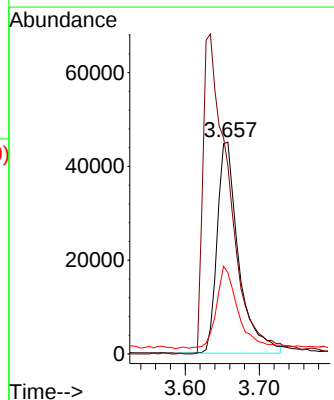
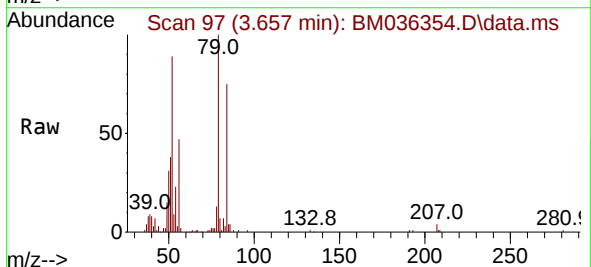
Ion	Ratio	Lower	Upper
88	100		
43	29.4	27.8	41.8
58	74.8	61.8	92.8

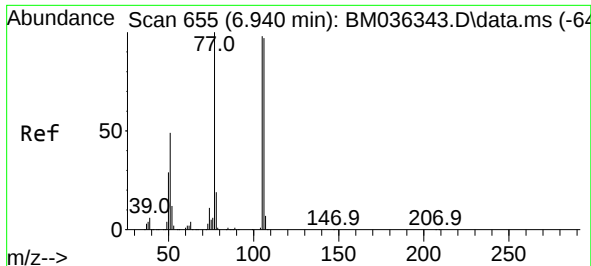


#5
 Pyridine
 Concen: 3.935 ng/uL
 RT: 3.657 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: BM036354.D
 Acq: 19 Aug 2022 11:53

Tgt Ion: 79 Resp: 90802

Ion	Ratio	Lower	Upper
79	100		
52	88.9	67.8	101.6
51	38.3	31.4	47.0

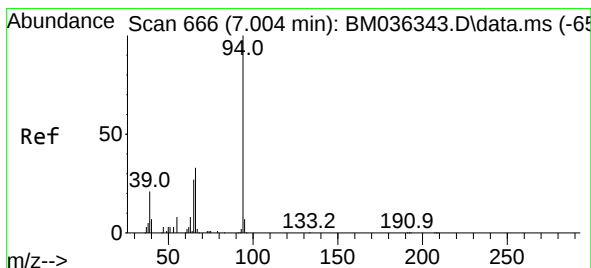
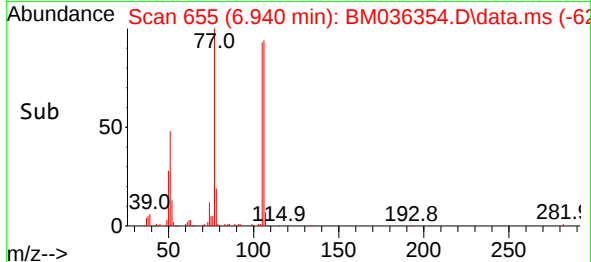
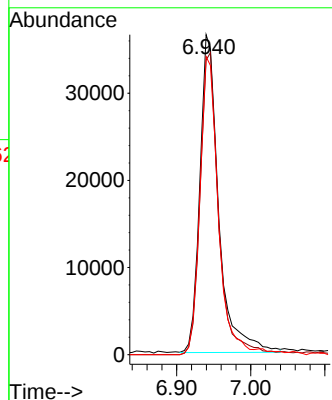
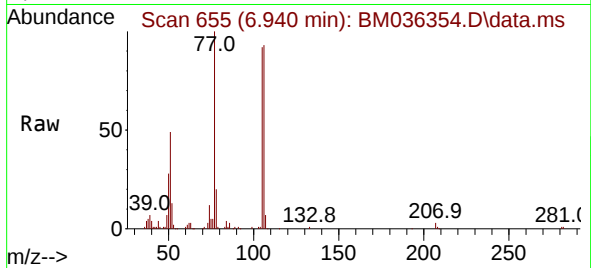




#6
Benzaldehyde
Concen: 5.973 ng/ul
RT: 6.940 min Scan# 655
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

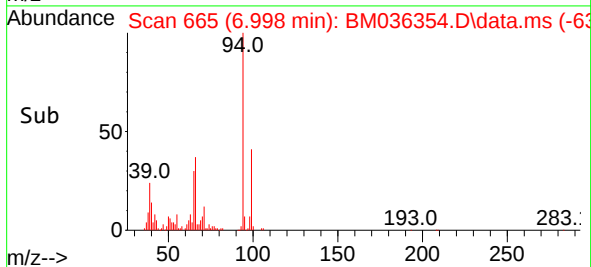
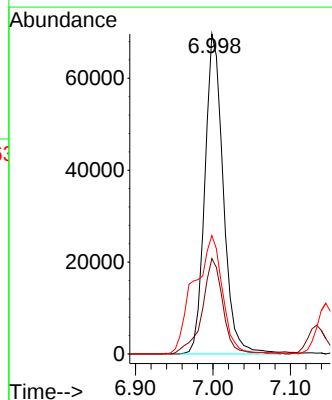
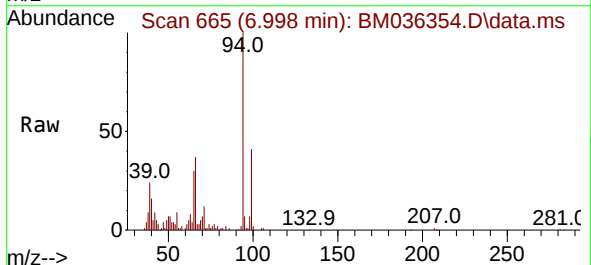
Instrument :
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ClientSampleId :

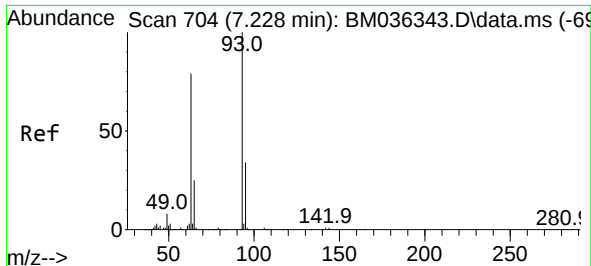
Tgt Ion: 77 Resp: 64663
Ion Ratio Lower Upper
77 100
105 92.0 84.6 127.0
106 93.1 80.3 120.5



#8
Phenol
Concen: 4.200 ng/ul
RT: 6.998 min Scan# 665
Delta R.T. -0.018 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

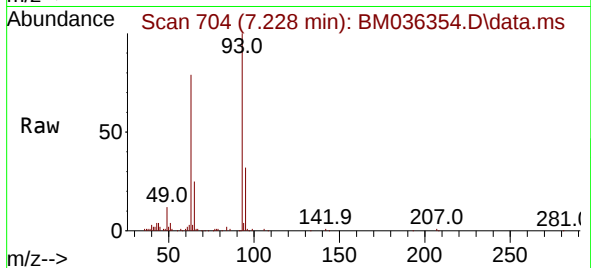
Tgt Ion: 94 Resp: 115074
Ion Ratio Lower Upper
94 100
65 29.8 21.3 31.9
66 37.0 27.4 41.0





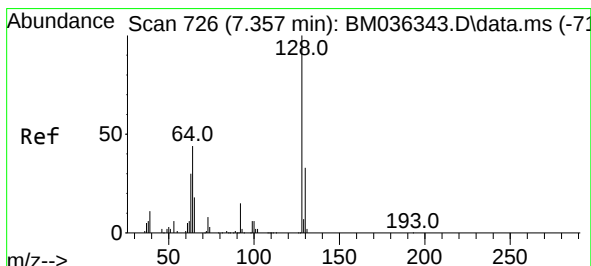
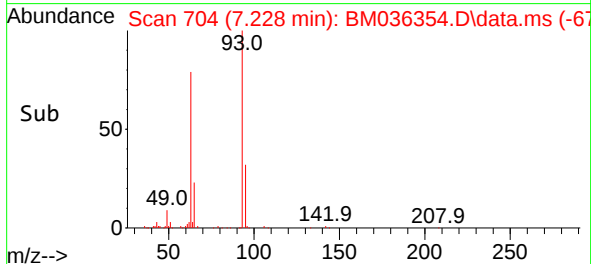
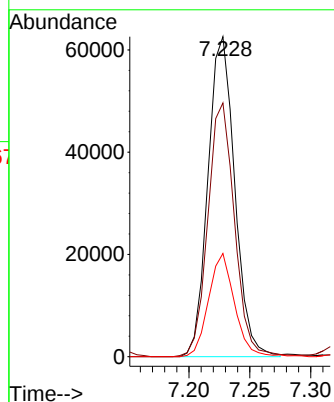
#10
 Bis(2-Chloroethyl)ether
 Concen: 4.368 ng/ul
 RT: 7.228 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: BM036354.D
 Acq: 19 Aug 2022 11:53

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 93 Resp: 95721

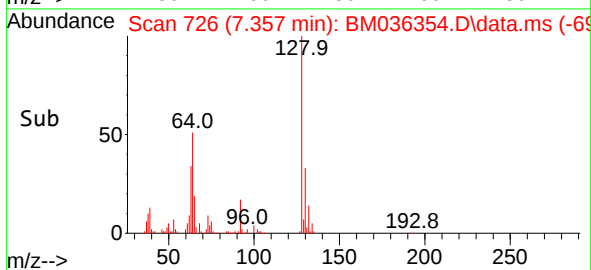
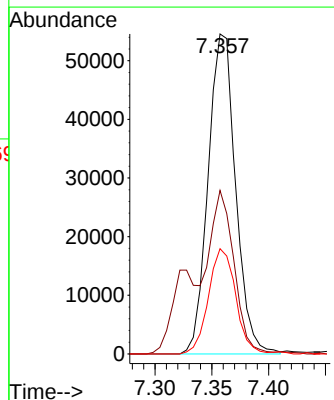
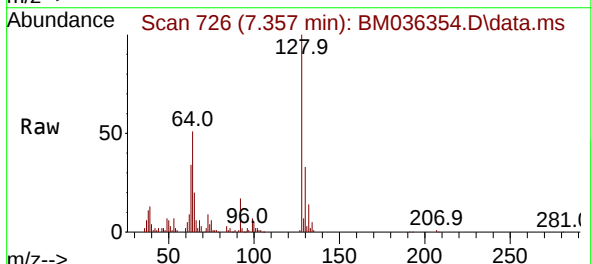
Ion	Ratio	Lower	Upper
93	100		
63	79.3	64.0	96.0
95	32.2	25.8	38.6

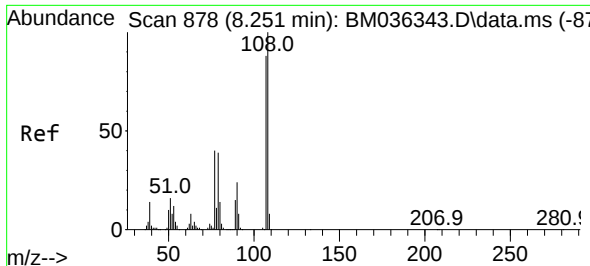


#12
 2-Chlorophenol
 Concen: 4.252 ng/ul
 RT: 7.357 min Scan# 726
 Delta R.T. -0.012 min
 Lab File: BM036354.D
 Acq: 19 Aug 2022 11:53

Tgt Ion:128 Resp: 92071

Ion	Ratio	Lower	Upper
128	100		
64	51.1	36.9	55.3
130	32.9	25.6	38.4

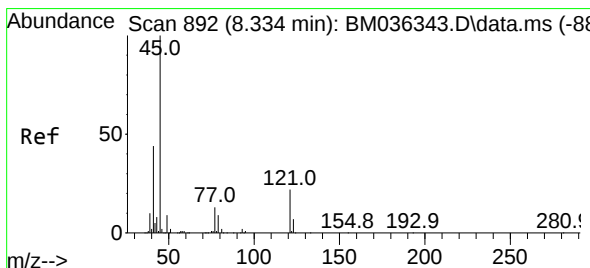
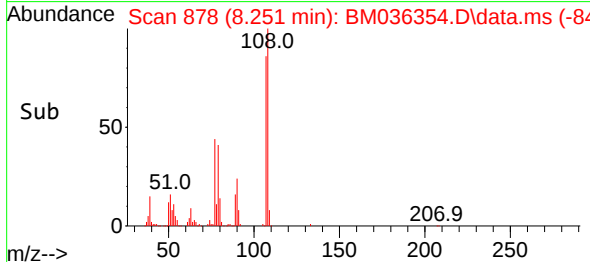
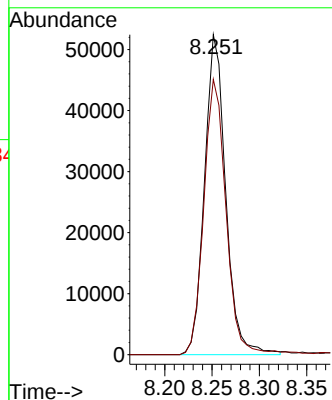
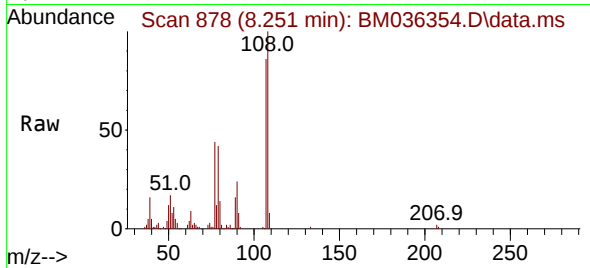




#13
2-Methylphenol
Concen: 4.050 ng/ul
RT: 8.251 min Scan# 817
Delta R.T. -0.012 min
Lab File: BM036354.D
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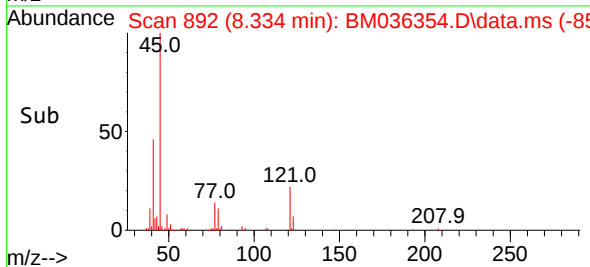
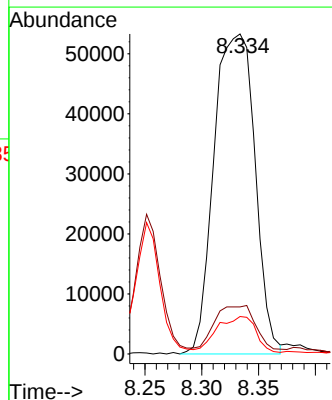
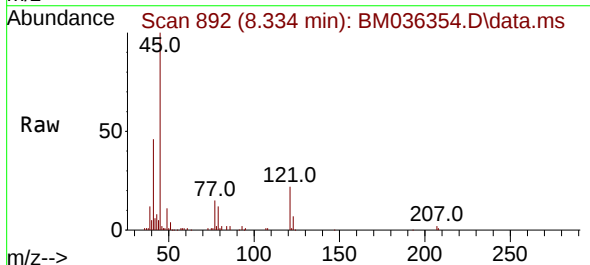
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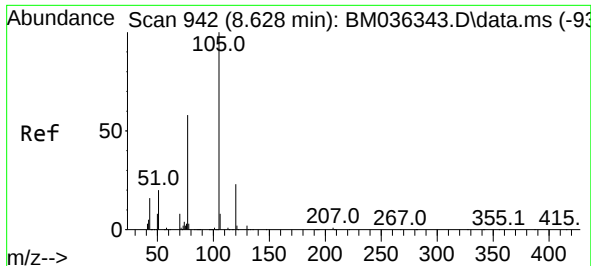
Tgt Ion:108 Resp: 81793
Ion Ratio Lower Upper
108 100
107 86.1 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.555 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion: 45 Resp: 133561
Ion Ratio Lower Upper
45 100
77 14.7 10.6 15.8
79 11.7 8.3 12.5

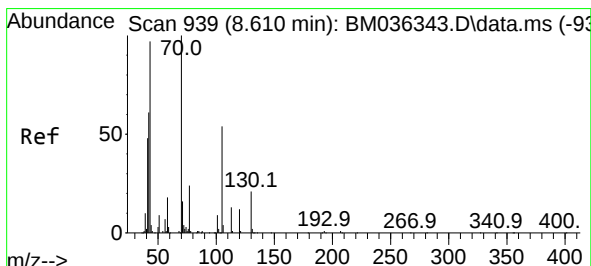
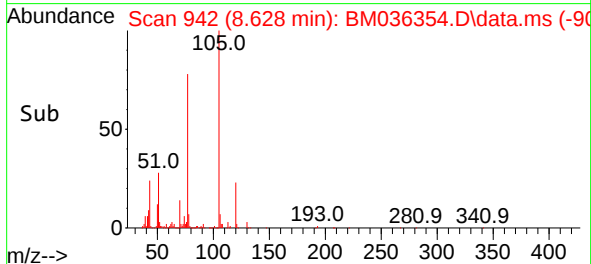
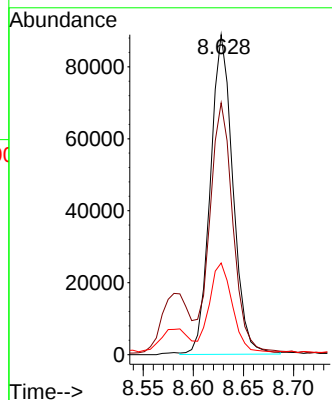
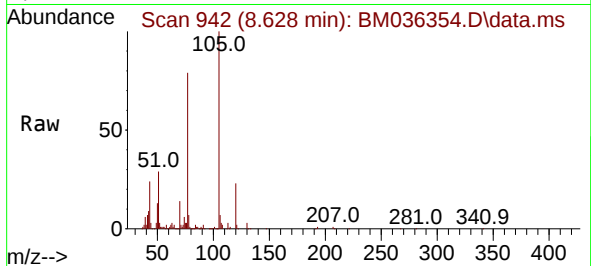




#16
Acetophenone
Concen: 4.399 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

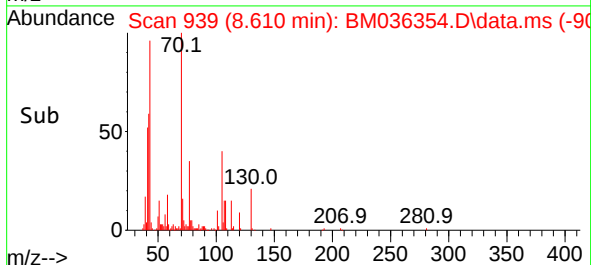
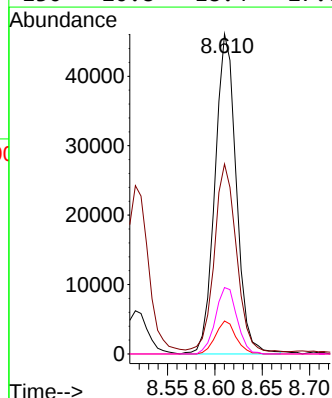
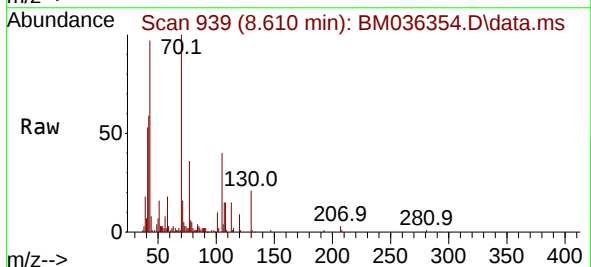
Instrument :
BNA_M
ClientSampleId :

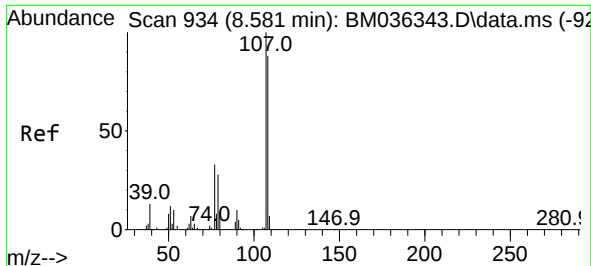
Tgt Ion:105 Resp: 139213
Ion Ratio Lower Upper
105 100
77 78.7 59.8 89.6
51 28.7 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 4.591 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion: 70 Resp: 72321
Ion Ratio Lower Upper
70 100
42 59.3 49.6 74.4
101 10.3 8.1 12.1
130 20.8 18.4 27.6

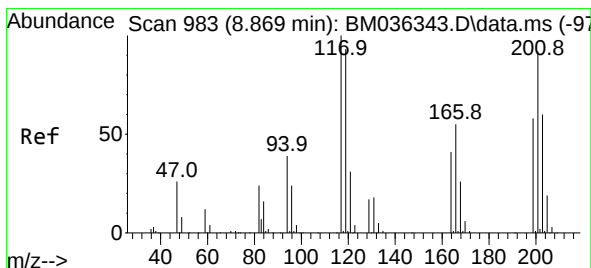
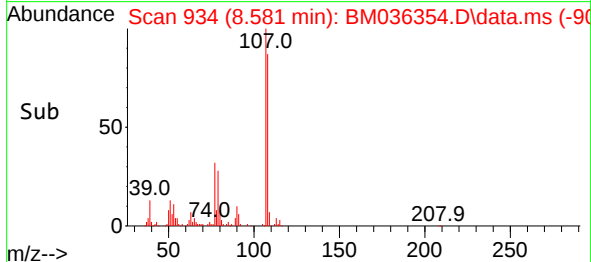
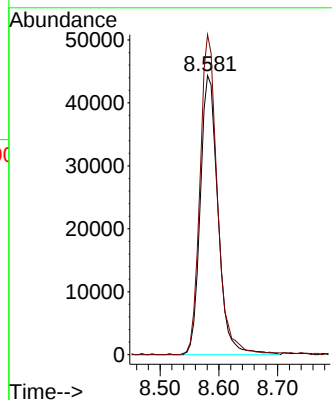
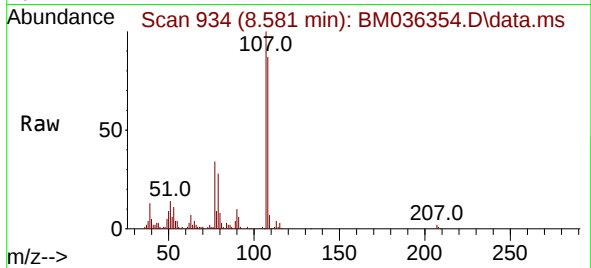




#18
4-Methylphenol
Concen: 4.296 ng/ul
RT: 8.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

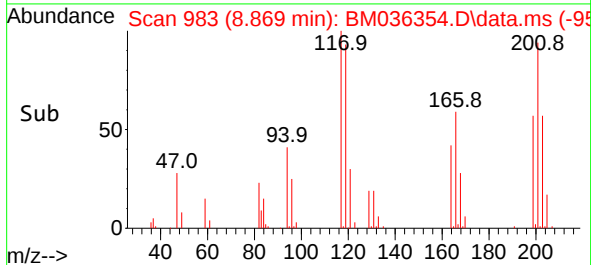
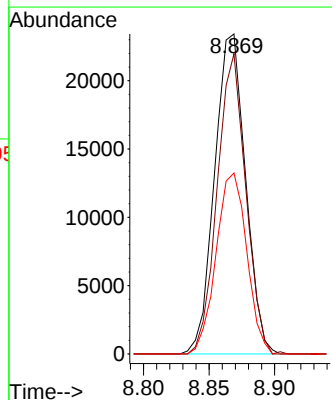
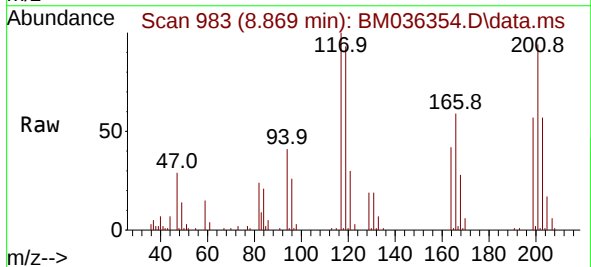
Instrument :
BNA_M
ClientSampleId :

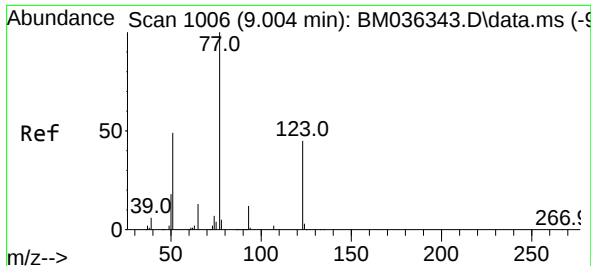
Tgt Ion:108 Resp: 92888
Ion Ratio Lower Upper
108 100
107 114.6 90.3 135.5



#19
Hexachloroethane
Concen: 4.237 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

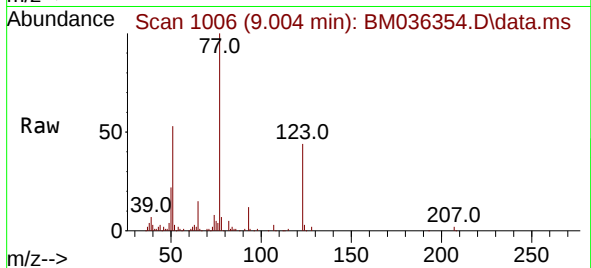
Tgt Ion:117 Resp: 38379
Ion Ratio Lower Upper
117 100
201 93.8 81.8 122.6
199 56.5 51.6 77.4



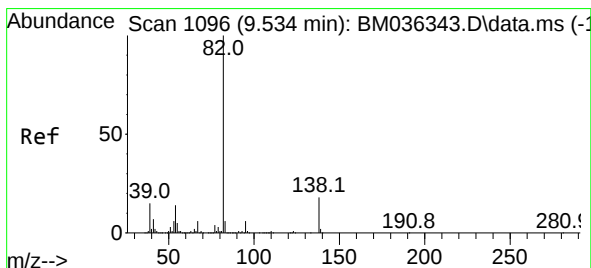
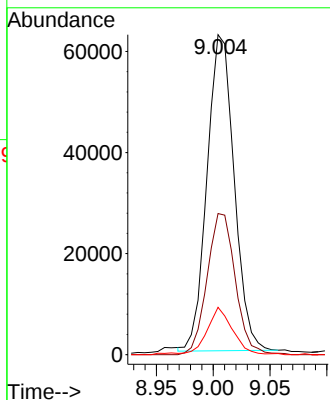
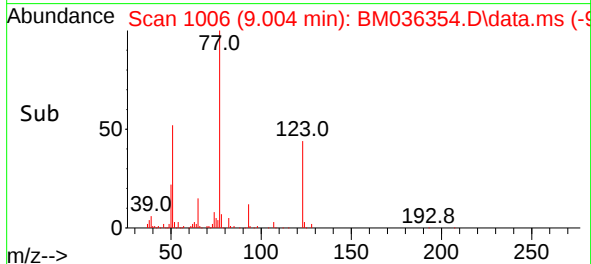


#22
Nitrobenzene
Concen: 4.180 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

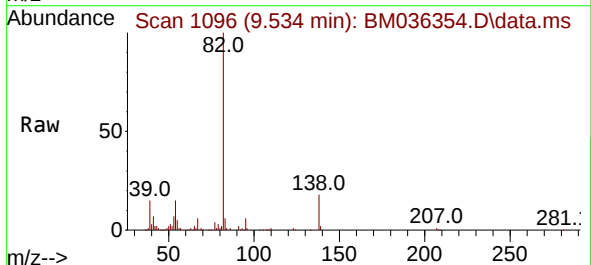
Instrument :
BNA_M
ClientSampleId :



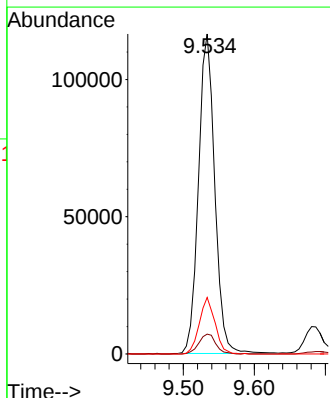
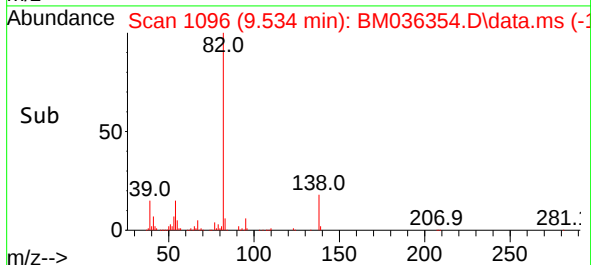
Tgt Ion: 77 Resp: 103933
Ion Ratio Lower Upper
77 100
123 44.1 37.4 56.0
65 14.8 10.8 16.2

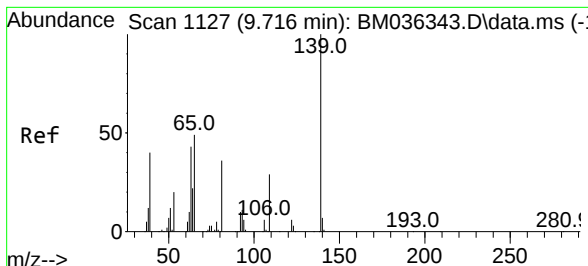


#23
Isophorone
Concen: 4.213 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53



Tgt Ion: 82 Resp: 186021
Ion Ratio Lower Upper
82 100
95 6.2 5.5 8.3
138 17.7 15.3 22.9

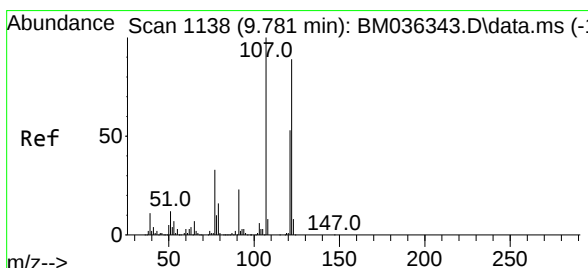
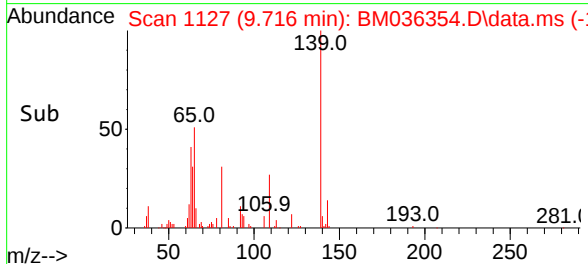
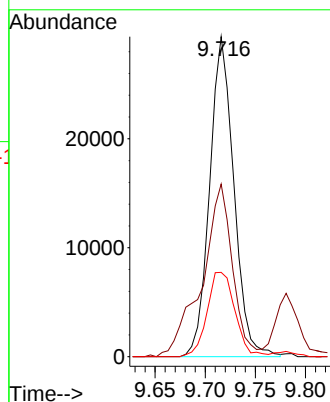
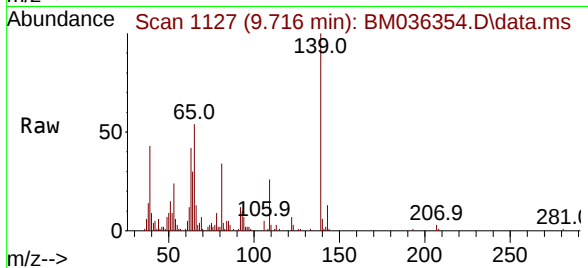




#25
2-Nitrophenol
Concen: 4.156 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

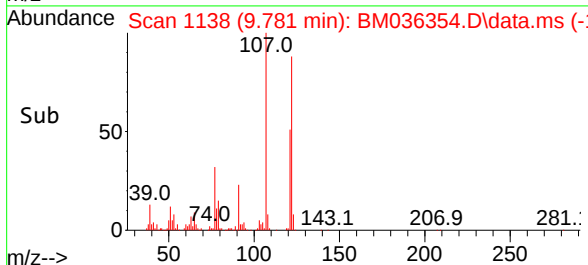
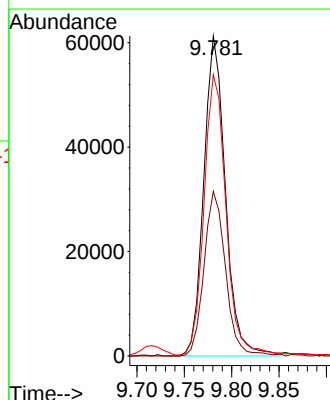
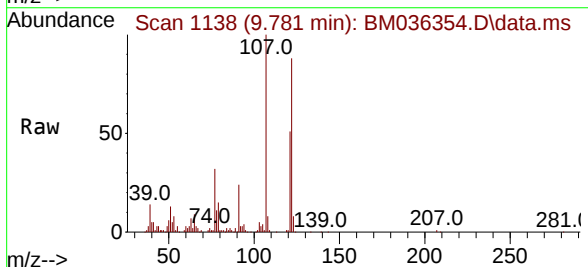
Instrument :
BNA_M
ClientSampleId :

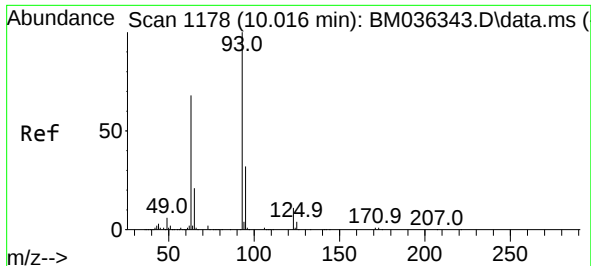
Tgt Ion	Ratio	Lower	Upper
139	100		
65	53.9	39.8	59.6
109	26.4	22.2	33.4



#26
2,4-Dimethylphenol
Concen: 4.098 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion	Ratio	Lower	Upper
107	100		
121	51.4	42.7	64.1
122	87.9	71.5	107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 4.395 ng/ul

RT: 10.016 min Scan# 1178

Delta R.T. -0.012 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

Instrument :

BNA_M

ClientSampleId :

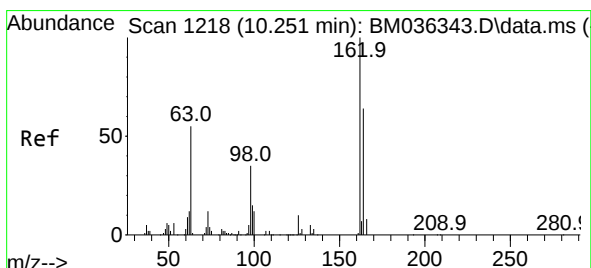
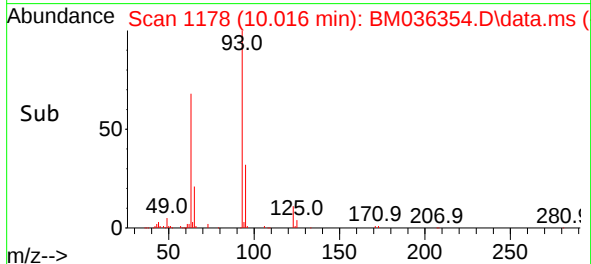
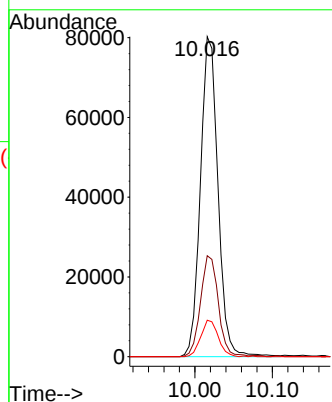
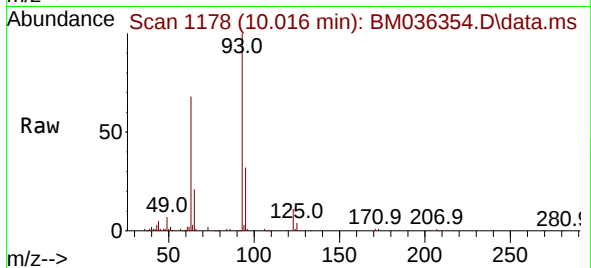
Tgt Ion: 93 Resp: 126331

Ion Ratio Lower Upper

93 100

95 31.6 26.1 39.1

123 11.4 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 4.165 ng/ul

RT: 10.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

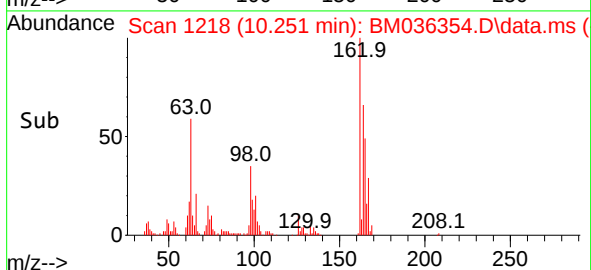
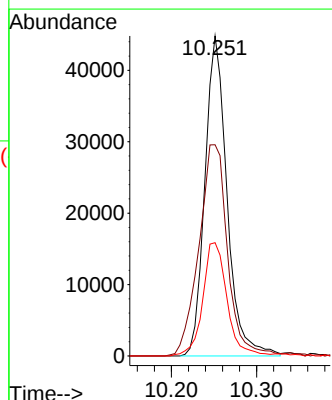
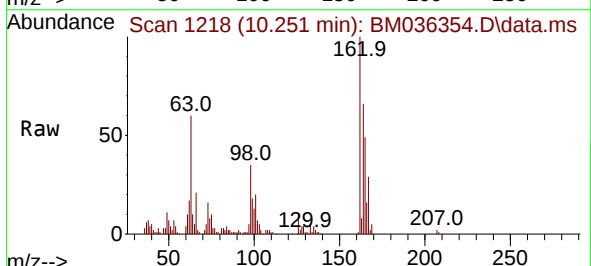
Tgt Ion: 162 Resp: 81044

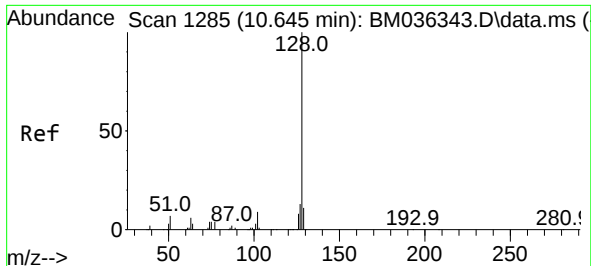
Ion Ratio Lower Upper

162 100

164 66.0 51.8 77.6

98 35.4 29.5 44.3

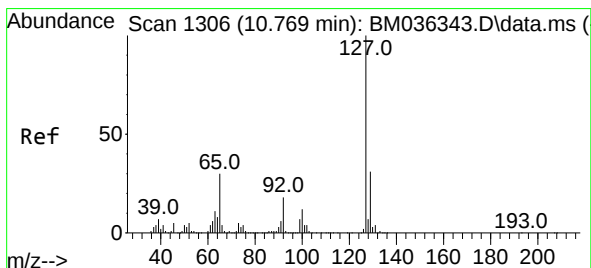
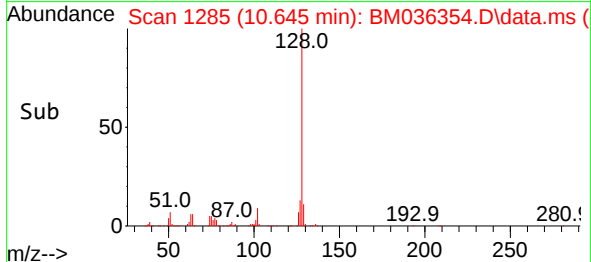
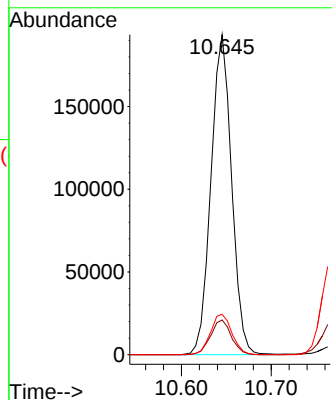
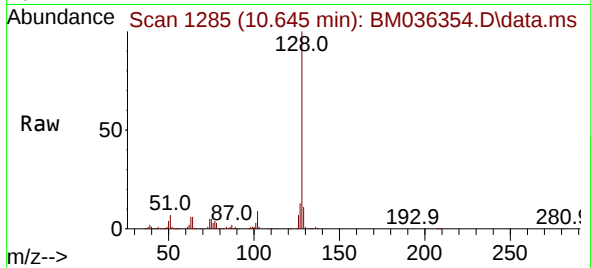




#30
Naphthalene
Concen: 4.252 ng/ul
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

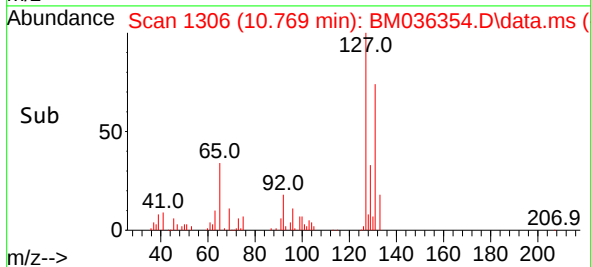
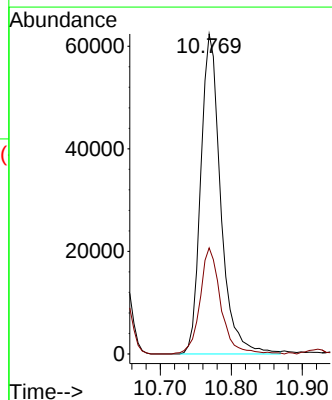
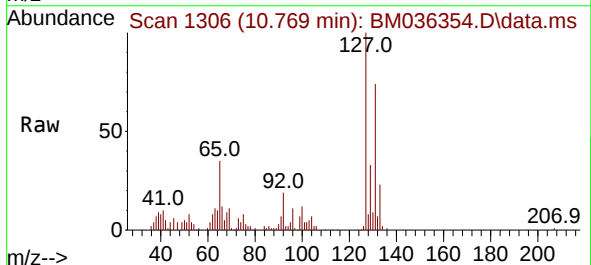
Instrument :
BNA_M
ClientSampleId :

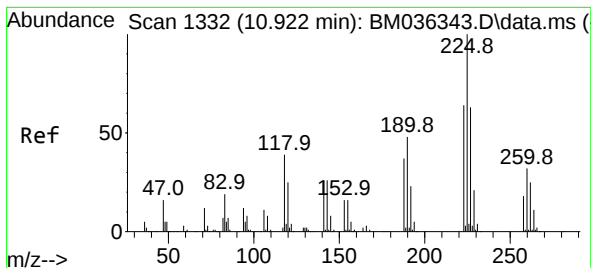
Tgt Ion:128 Resp: 308870
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.6 10.6 16.0



#32
4-Chloroaniline
Concen: 4.061 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:127 Resp: 121802
Ion Ratio Lower Upper
127 100
129 33.2 25.3 37.9





#33

Hexachlorobutadiene

Concen: 4.236 ng/ul

RT: 10.922 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

Instrument :

BNA_M

ClientSampleId :

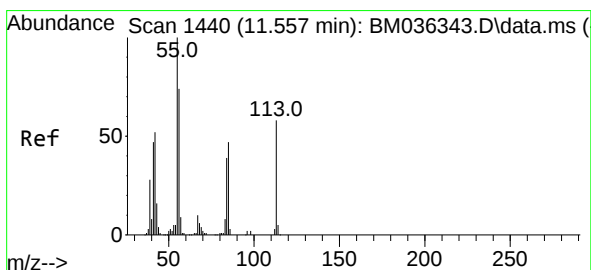
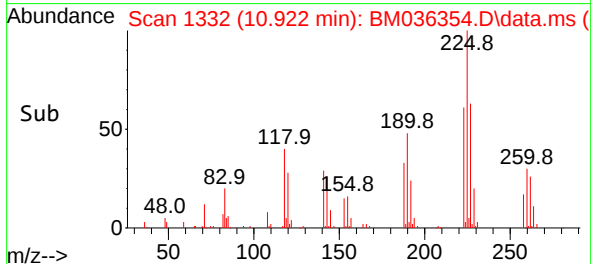
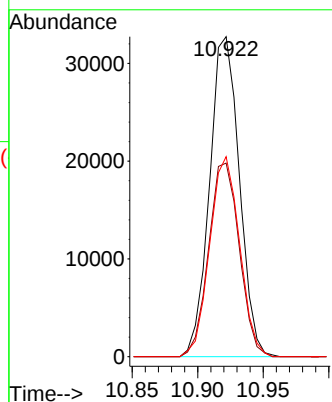
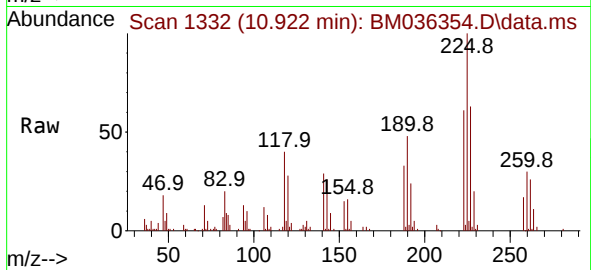
Tgt Ion:225 Resp: 51786

Ion Ratio Lower Upper

225 100

223 60.5 50.0 75.0

227 64.8 49.9 74.9



#34

Caprolactam

Concen: 3.945 ng/ul

RT: 11.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

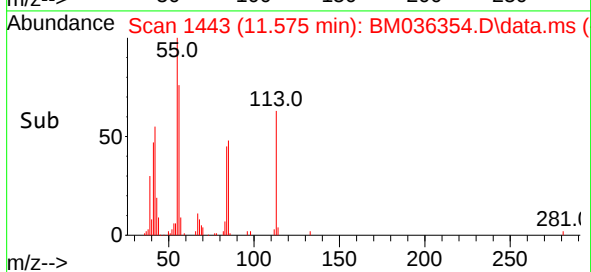
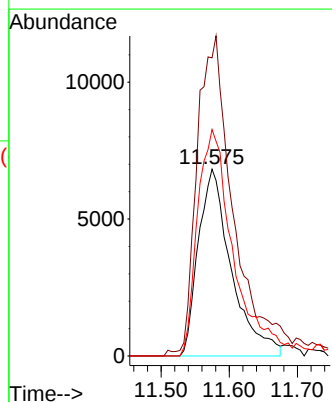
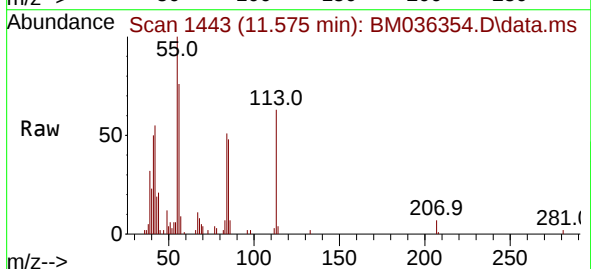
Tgt Ion:113 Resp: 23003

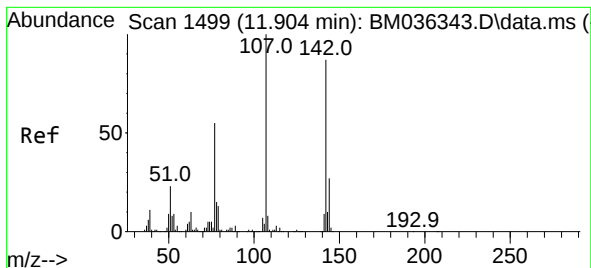
Ion Ratio Lower Upper

113 100

55 159.7 150.2 225.4

56 121.3 102.1 153.1

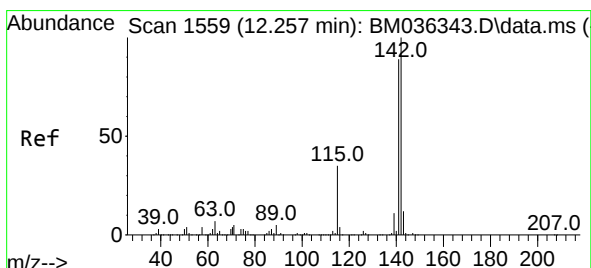
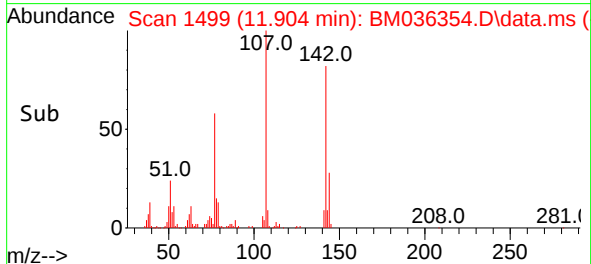
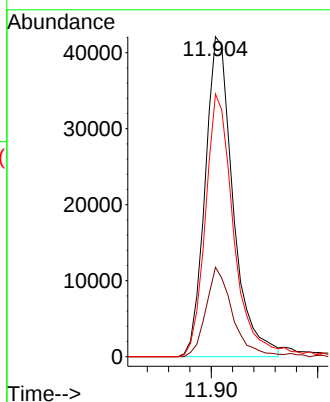
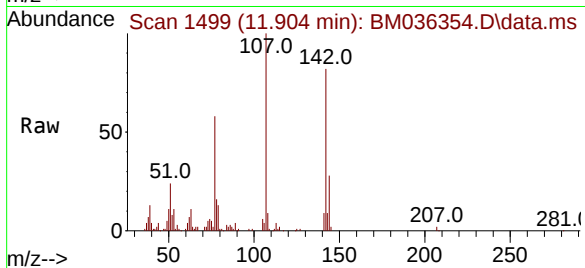




#35
4-Chloro-3-methylphenol
Concen: 3.909 ng/ul
RT: 11.904 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

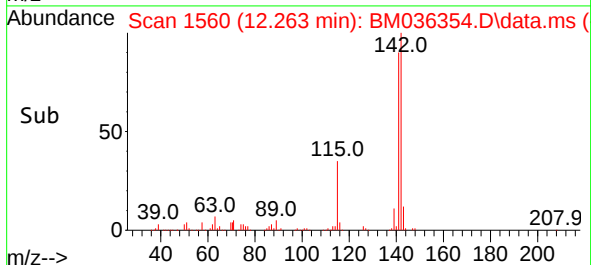
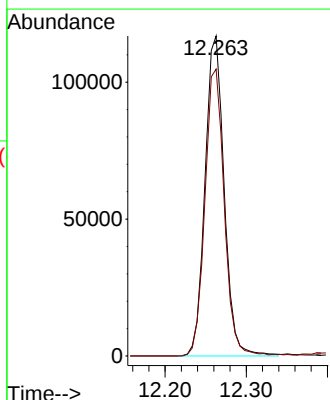
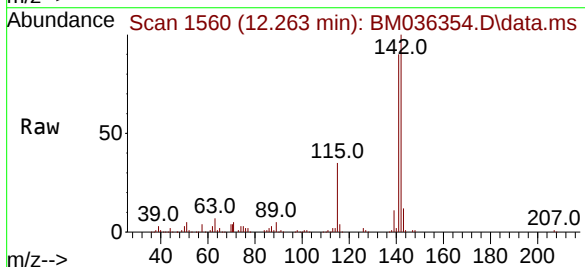
Instrument :
BNA_M
ClientSampleId :

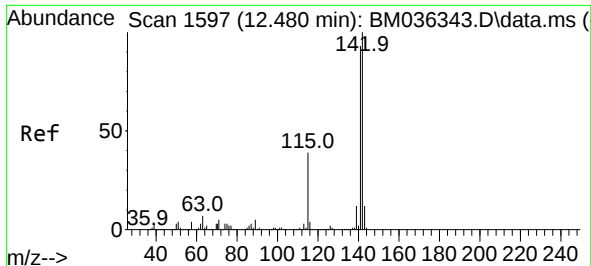
Tgt Ion:107 Resp: 76909
Ion Ratio Lower Upper
107 100
144 28.0 20.3 30.5
142 82.1 64.4 96.6



#36
2-Methylnaphthalene
Concen: 4.196 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:142 Resp: 191244
Ion Ratio Lower Upper
142 100
141 89.7 70.7 106.1





#37

1-Methylnaphthalene

Concen: 4.431 ng/ul

RT: 12.480 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

Instrument :

BNA_M

ClientSampleId :

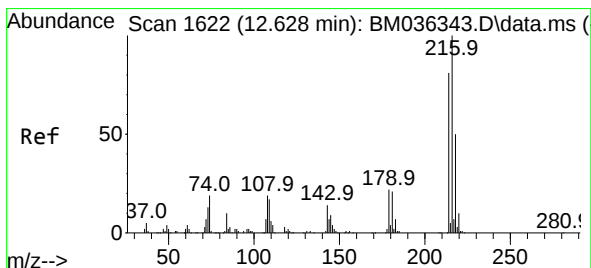
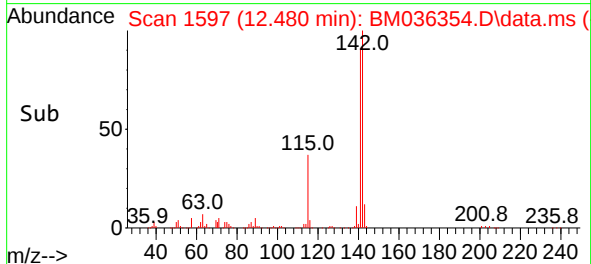
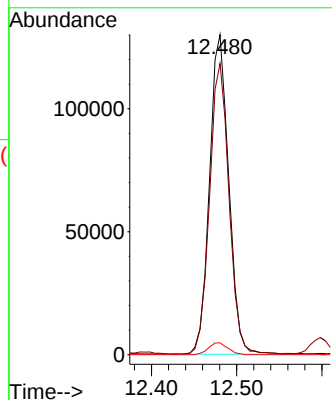
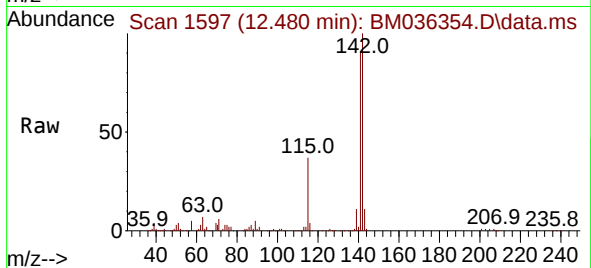
Tgt Ion:142 Resp: 203399

Ion Ratio Lower Upper

142 100

141 91.0 75.2 112.8

116 3.7 2.6 3.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.171 ng/ul

RT: 12.627 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

Tgt Ion:216 Resp: 92758

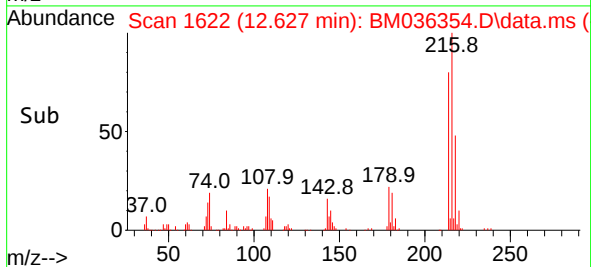
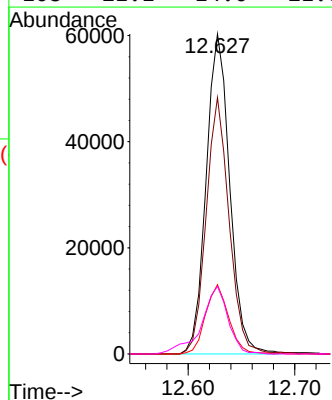
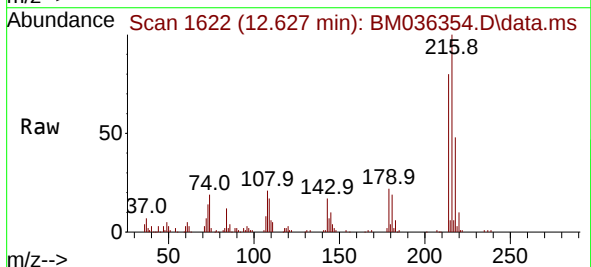
Ion Ratio Lower Upper

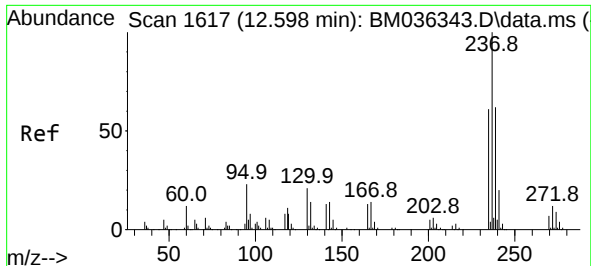
216 100

214 80.1 62.4 93.6

179 21.7 17.3 25.9

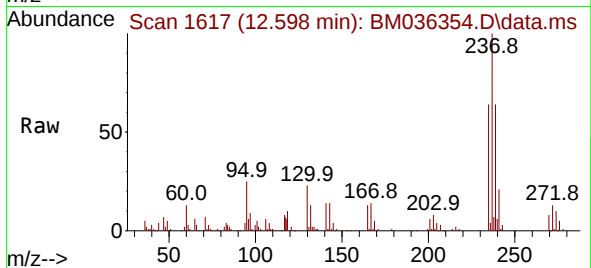
108 21.1 14.0 21.0#



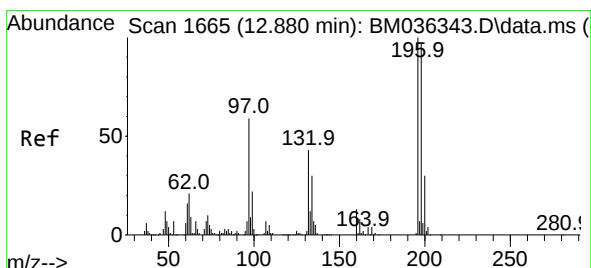
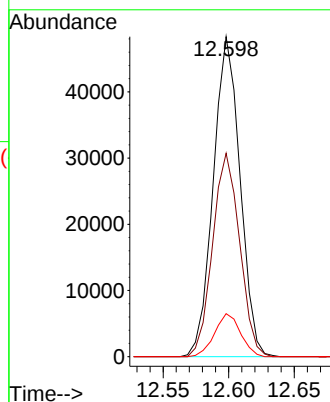
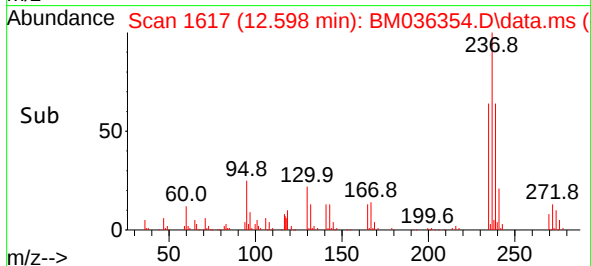


#40
Hexachlorocyclopentadiene
Concen: 5.199 ng/ul
RT: 12.598 min Scan# 1617
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

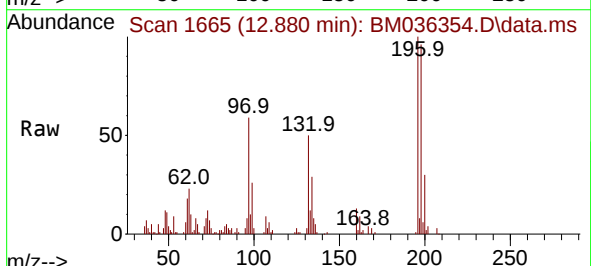
Instrument :
BNA_M
ClientSampleId :



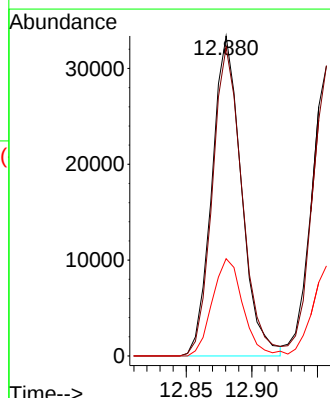
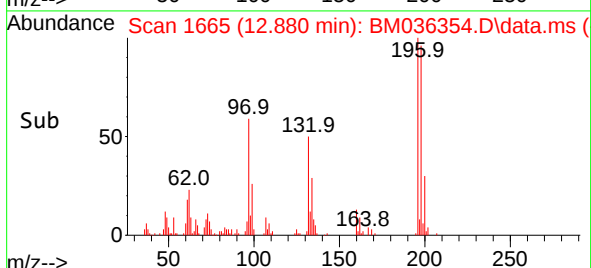
Tgt Ion:237 Resp: 68602
Ion Ratio Lower Upper
237 100
235 63.5 48.4 72.6
272 14.3 11.6 17.4

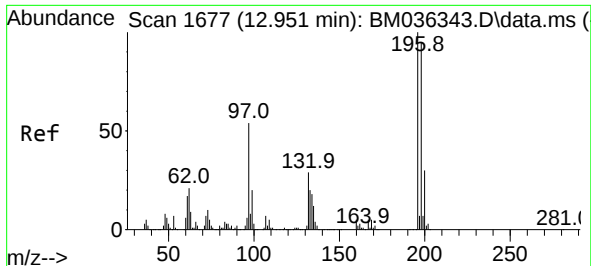


#41
2,4,6-Trichlorophenol
Concen: 3.737 ng/ul
RT: 12.880 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53



Tgt Ion:196 Resp: 52306
Ion Ratio Lower Upper
196 100
198 96.5 77.8 116.6
200 30.4 25.0 37.6

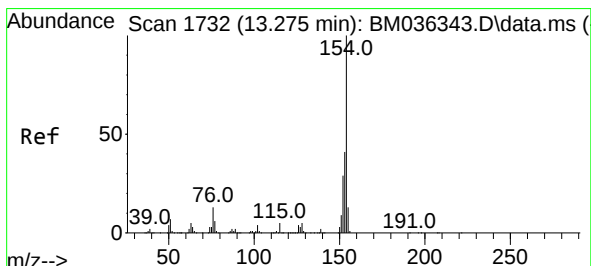
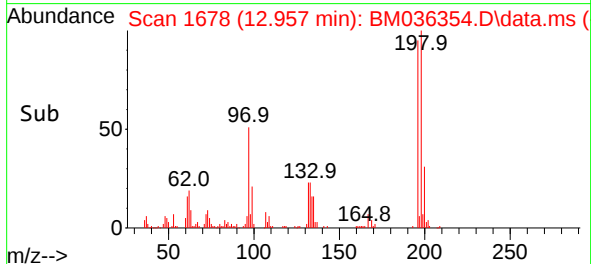
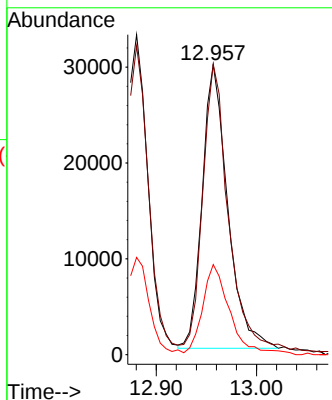
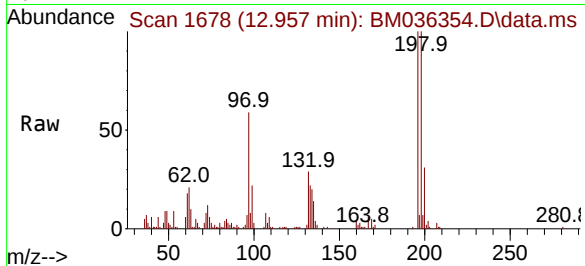




#42
2,4,5-Trichlorophenol
Concen: 3.536 ng/ul
RT: 12.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

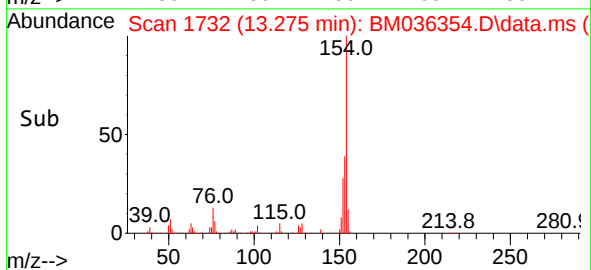
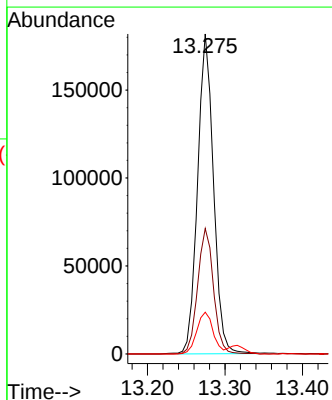
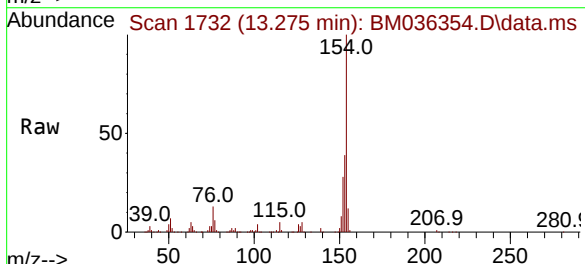
Instrument :
BNA_M
ClientSampleId :

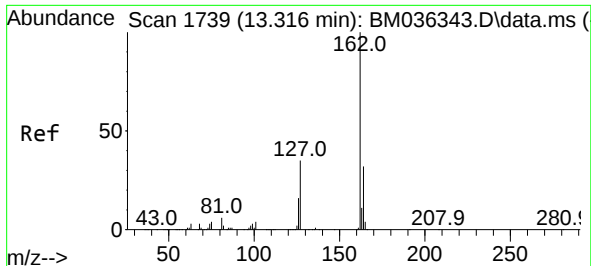
Tgt Ion:196 Resp: 52491
Ion Ratio Lower Upper
196 100
198 100.1 76.8 115.2
200 31.1 24.9 37.3



#43
1,1'-Biphenyl
Concen: 4.269 ng/ul
RT: 13.275 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:154 Resp: 258366
Ion Ratio Lower Upper
154 100
153 39.2 32.4 48.6
76 13.1 10.1 15.1

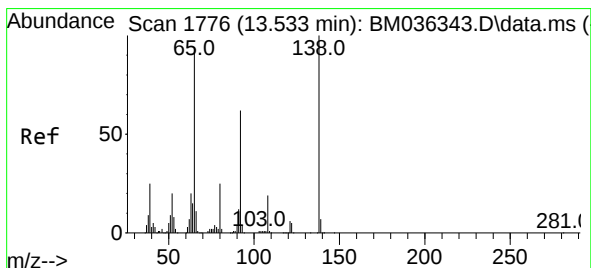
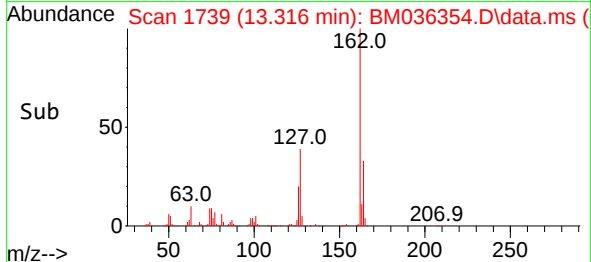
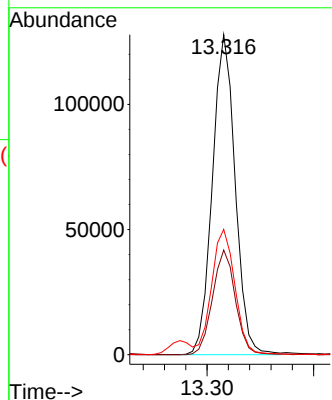
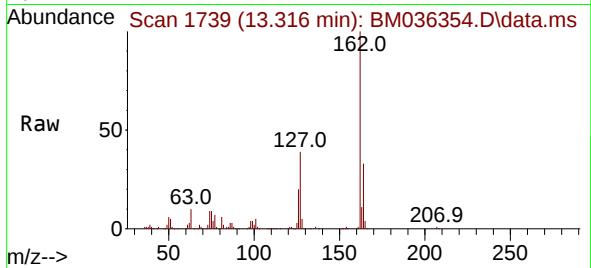




#44
2-Chloronaphthalene
Concen: 4.085 ng/ul
RT: 13.316 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

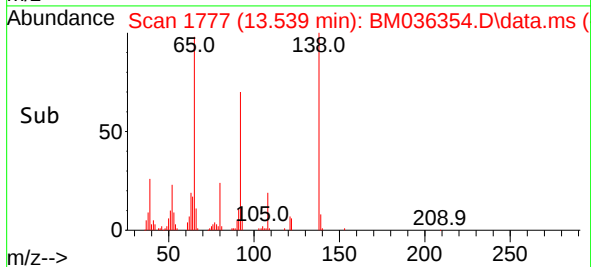
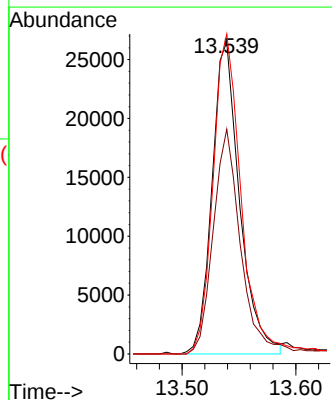
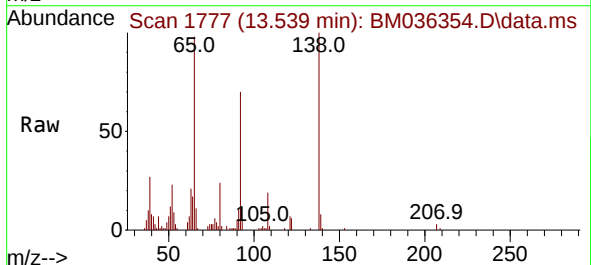
Instrument :
BNA_M
ClientSampleId :

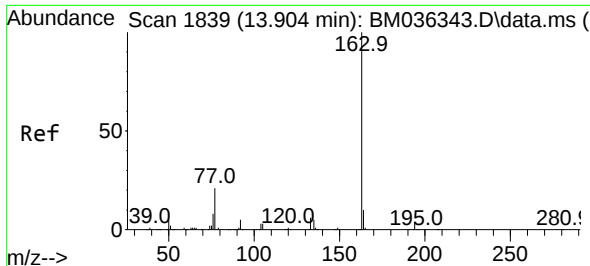
Tgt Ion:162 Resp: 189691
Ion Ratio Lower Upper
162 100
164 32.7 25.4 38.0
127 39.2 31.6 47.4



#45
2-Nitroaniline
Concen: 3.566 ng/ul
RT: 13.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion: 65 Resp: 44846
Ion Ratio Lower Upper
65 100
92 72.0 54.5 81.7
138 102.5 91.2 136.8

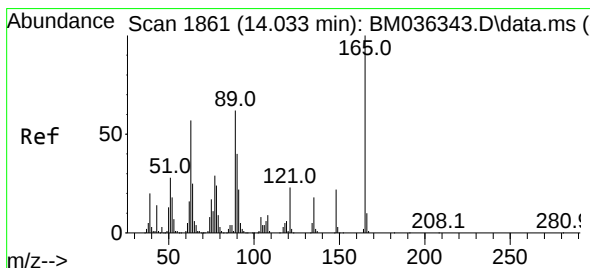
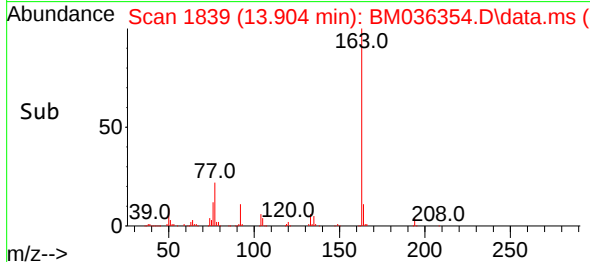
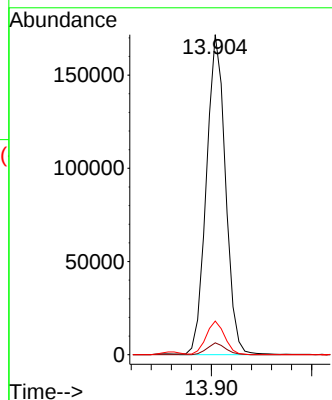
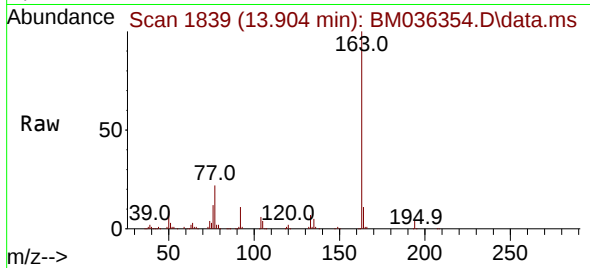




#47
Dimethylphthalate
Concen: 4.354 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

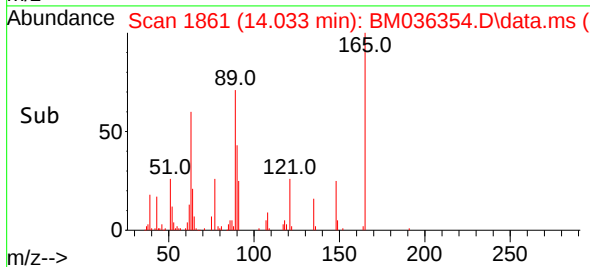
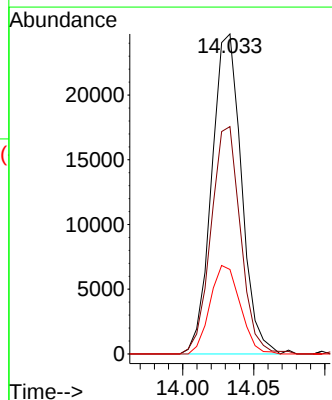
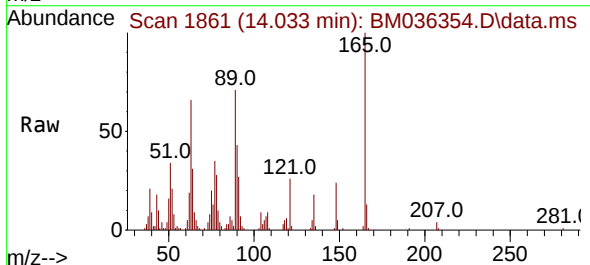
Instrument :
BNA_M
ClientSampleId :

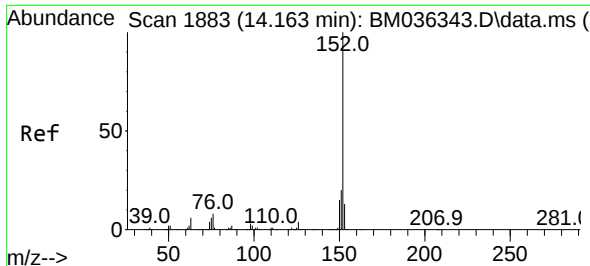
Tgt Ion:163 Resp: 228149
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.5 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 3.642 ng/ul
RT: 14.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:165 Resp: 36010
Ion Ratio Lower Upper
165 100
89 71.0 42.5 63.7#
121 26.4 17.2 25.8#

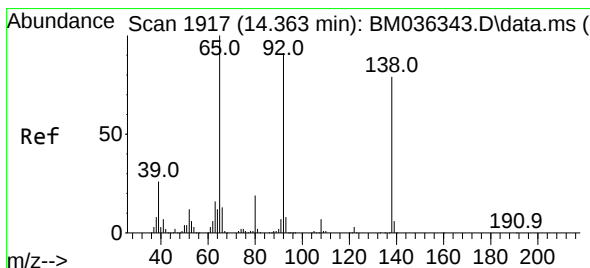
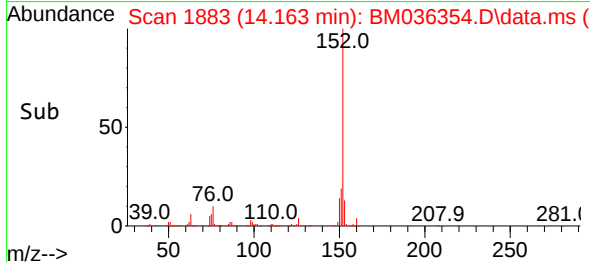
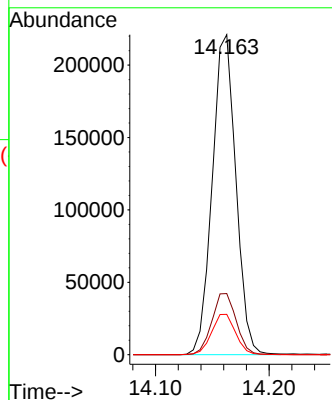
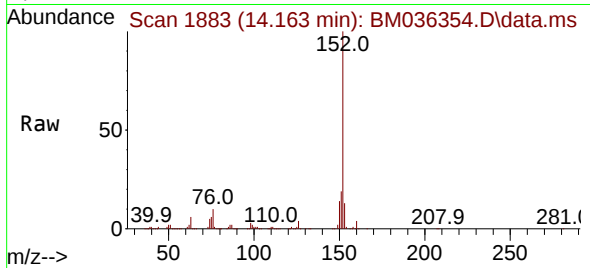




#50
Acenaphthylene
Concen: 4.268 ng/ul
RT: 14.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

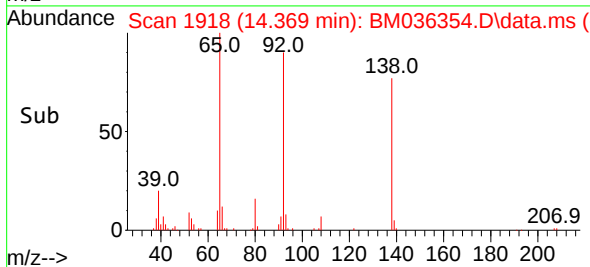
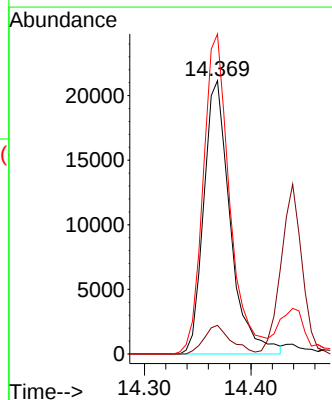
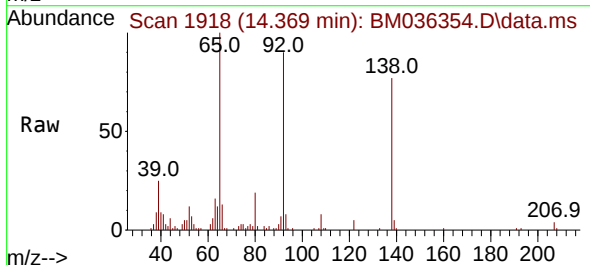
Instrument :
BNA_M
ClientSampleId :

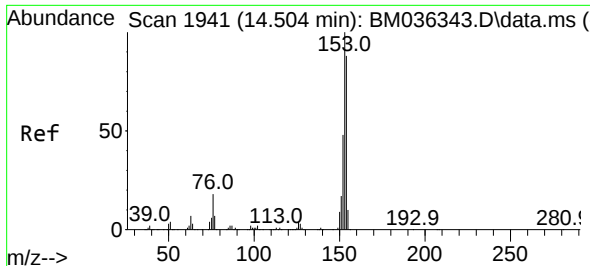
Tgt Ion:152 Resp: 319579
Ion Ratio Lower Upper
152 100
151 19.1 16.1 24.1
153 12.6 10.6 15.8



#51
3-Nitroaniline
Concen: 3.383 ng/ul
RT: 14.369 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

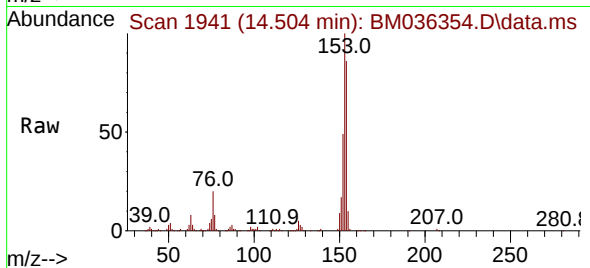
Tgt Ion:138 Resp: 36580
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 117.1 90.4 135.6



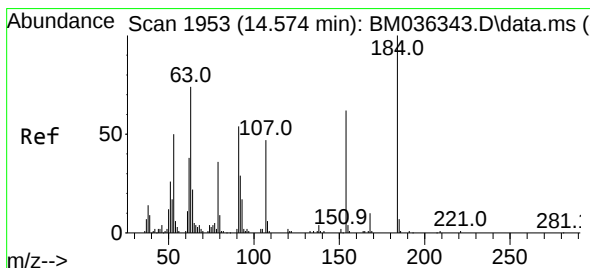
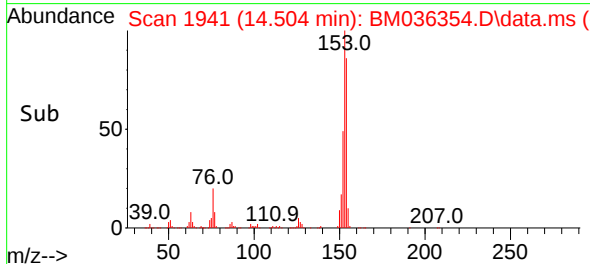
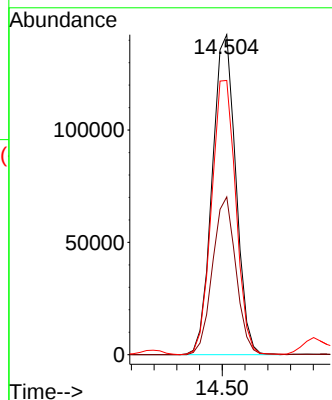


#52
Acenaphthene
Concen: 4.217 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Instrument :
BNA_M
ClientSampleId :

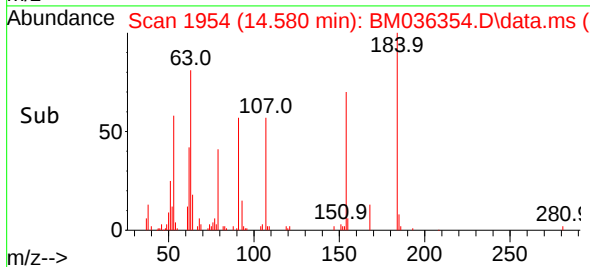
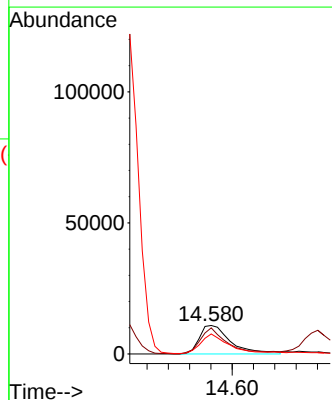
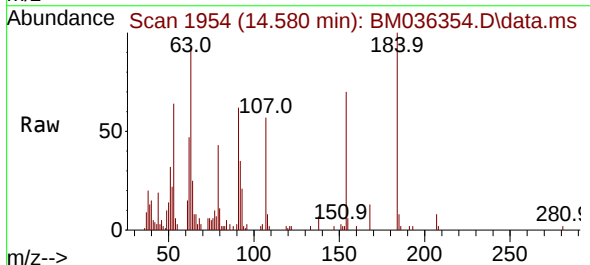


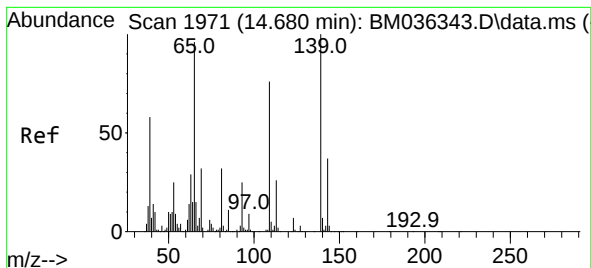
Tgt Ion:153 Resp: 205818
Ion Ratio Lower Upper
153 100
152 49.3 37.1 55.7
154 85.7 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 4.141 ng/ul
RT: 14.580 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:184 Resp: 22314
Ion Ratio Lower Upper
184 100
63 91.6 54.2 81.4#
154 70.4 49.3 73.9

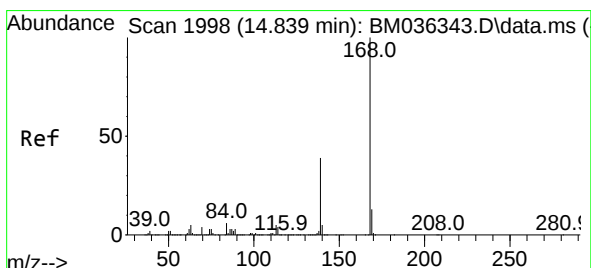
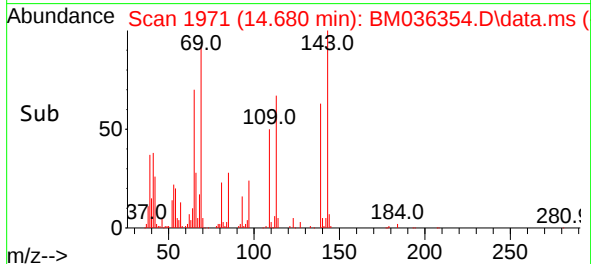
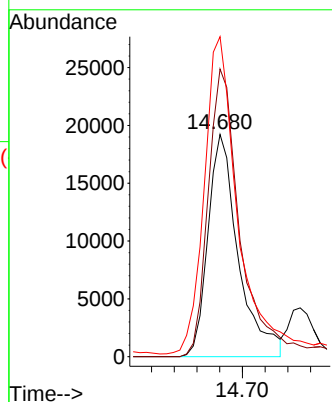
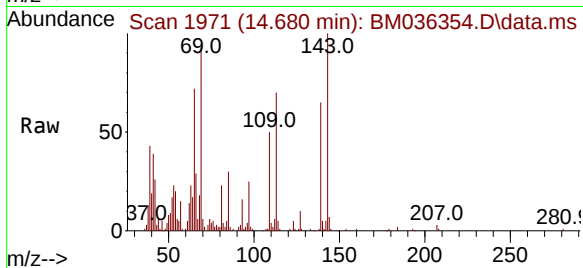




#55
4-Nitrophenol
Concen: 4.681 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

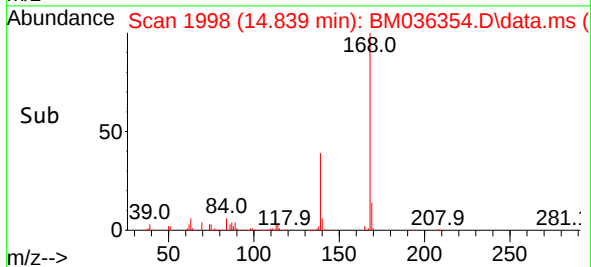
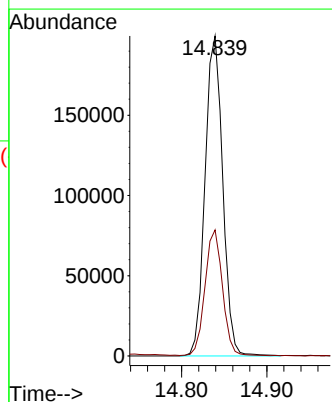
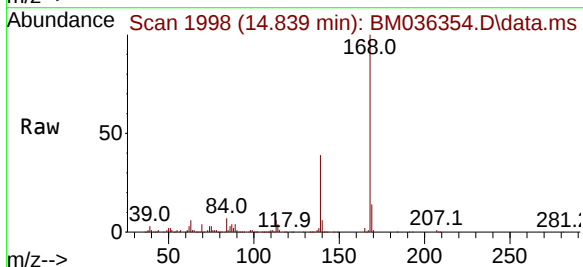
Instrument :
BNA_M
ClientSampleId :

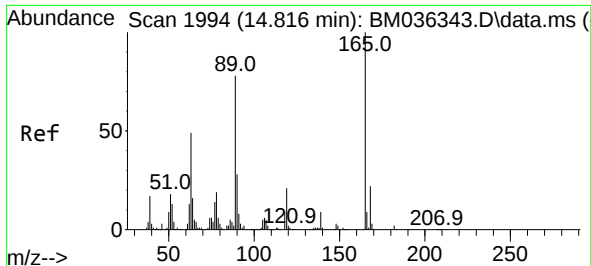
Tgt Ion:109 Resp: 35678
Ion Ratio Lower Upper
109 100
139 129.4 124.9 187.3
65 143.9 122.2 183.4



#56
Dibenzofuran
Concen: 4.245 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:168 Resp: 287433
Ion Ratio Lower Upper
168 100
139 39.4 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 3.773 ng/ul

RT: 14.821 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

Instrument :

BNA_M

ClientSampleId :

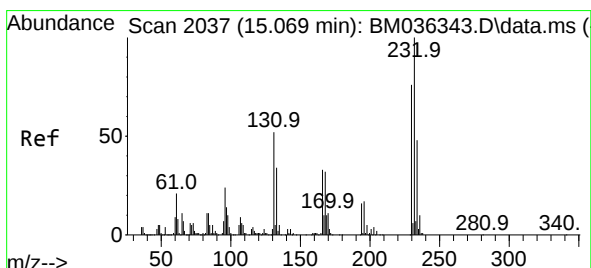
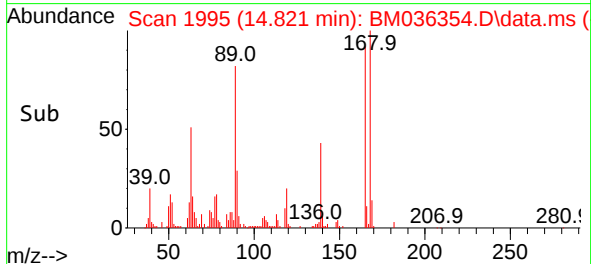
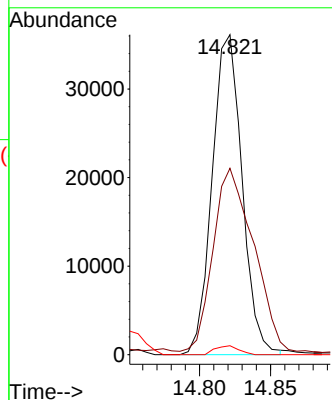
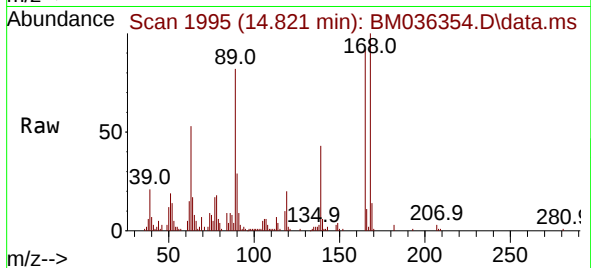
Tgt Ion:165 Resp: 52899

Ion Ratio Lower Upper

165 100

63 58.2 35.9 53.9#

182 2.8 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.895 ng/ul

RT: 15.069 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

Tgt Ion:232 Resp: 43902

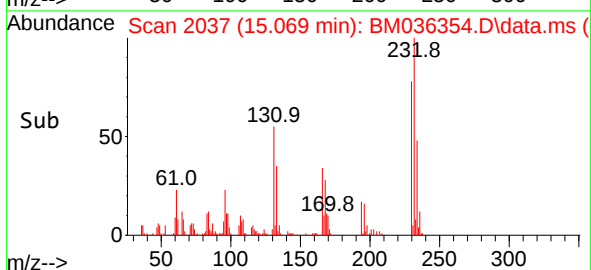
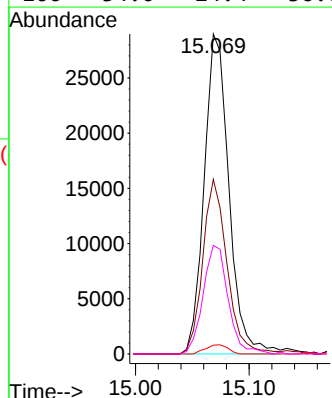
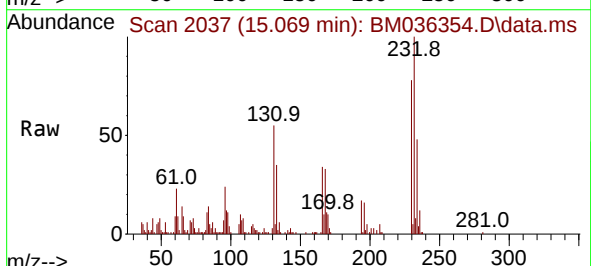
Ion Ratio Lower Upper

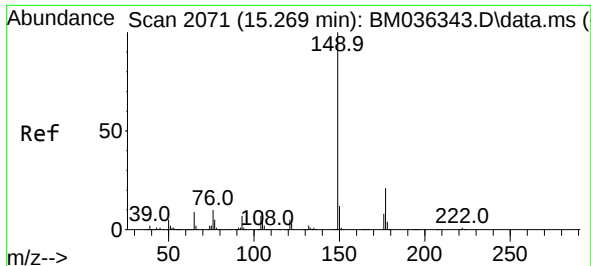
232 100

131 54.6 36.7 55.1

130 2.7 1.7 2.5#

166 34.0 24.4 36.6

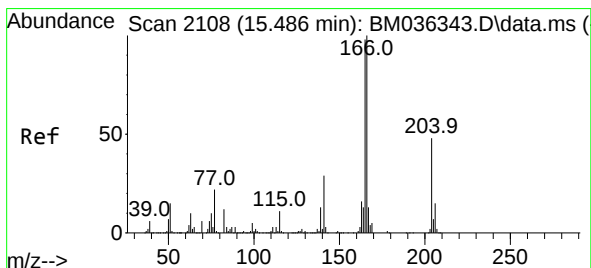
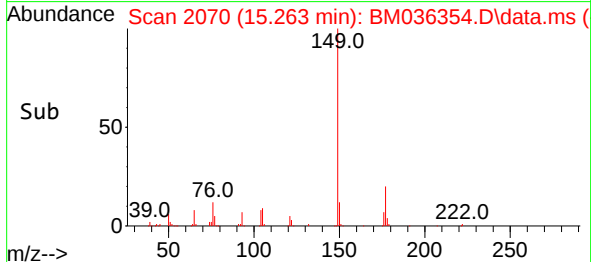
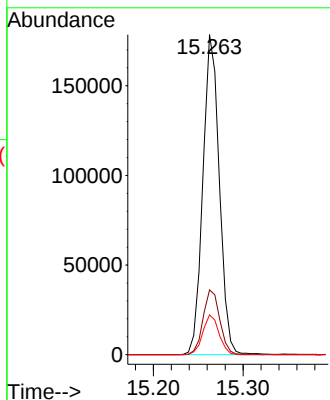
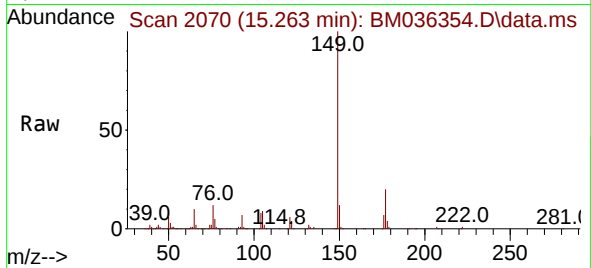




#59
Diethylphthalate
Concen: 4.401 ng/ul
RT: 15.263 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

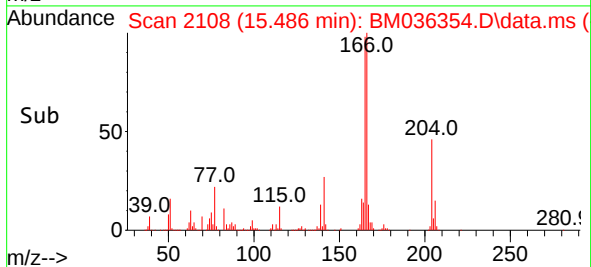
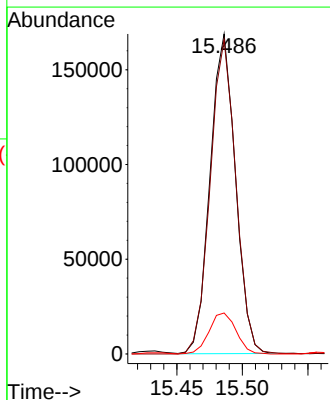
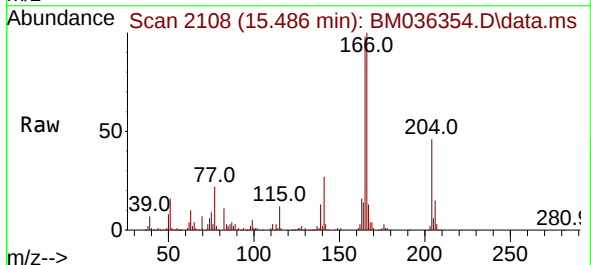
Instrument :
BNA_M
ClientSampleId :

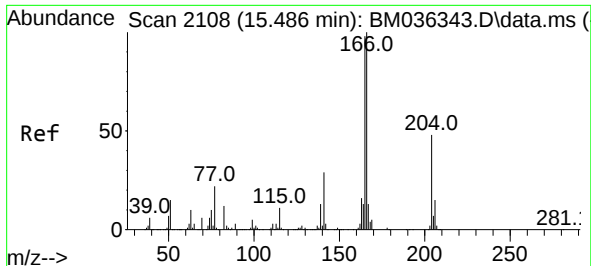
Tgt Ion:149 Resp: 227340
Ion Ratio Lower Upper
149 100
177 20.3 16.8 25.2
150 12.5 10.2 15.4



#61
Fluorene
Concen: 4.226 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:166 Resp: 227011
Ion Ratio Lower Upper
166 100
165 98.2 77.2 115.8
167 12.8 11.0 16.4

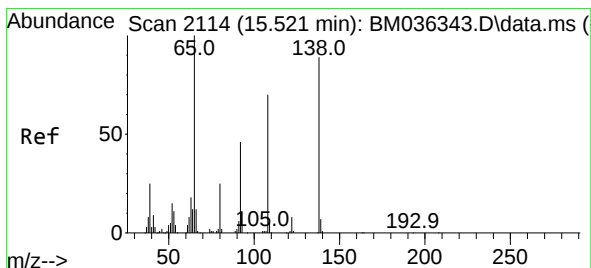
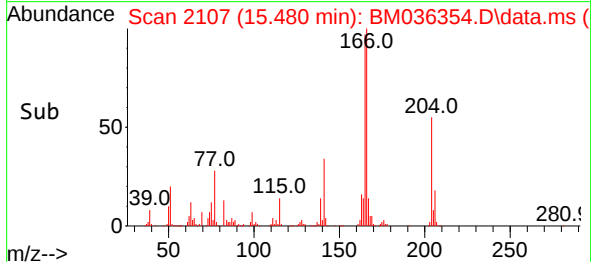
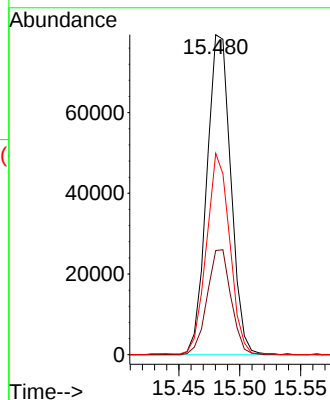
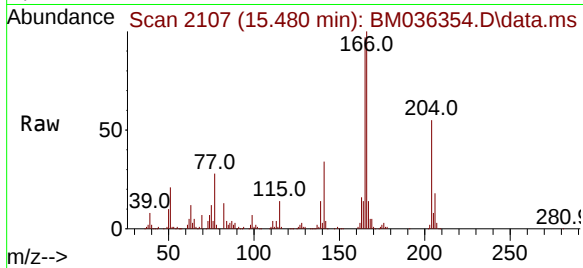




#62
4-Chlorophenyl-phenylether
Concen: 4.336 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

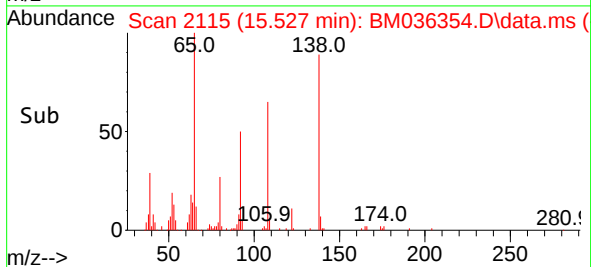
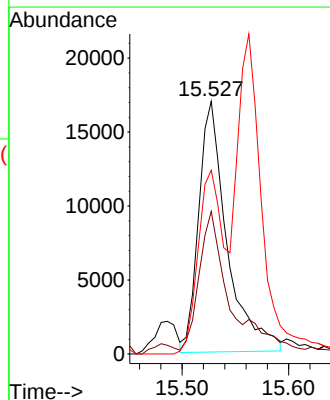
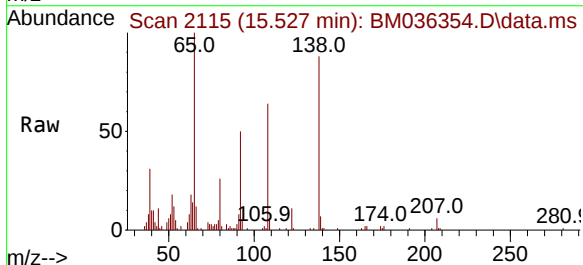
Instrument :
BNA_M
ClientSampleId :

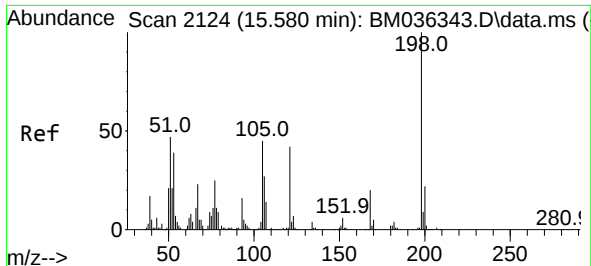
Tgt Ion:204 Resp: 108801
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 62.9 50.6 75.8



#63
4-Nitroaniline
Concen: 3.106 ng/ul
RT: 15.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:138 Resp: 31331
Ion Ratio Lower Upper
138 100
92 56.4 39.2 58.8
108 72.7 51.6 77.4

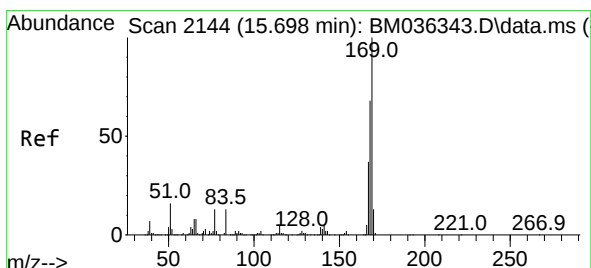
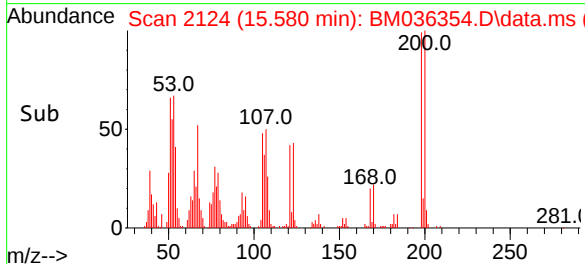
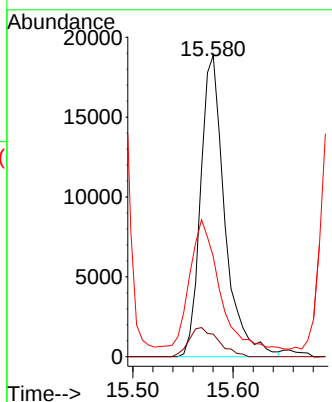
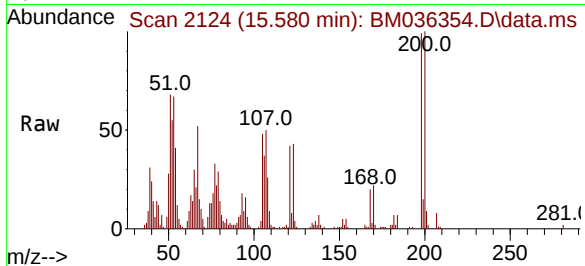




#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.128 ng/ul
 RT: 15.580 min Scan# 2124
 Delta R.T. -0.006 min
 Lab File: BM036354.D
 Acq: 19 Aug 2022 11:53

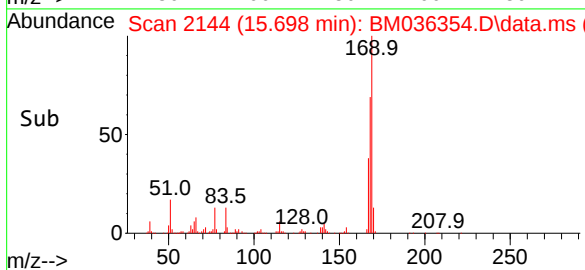
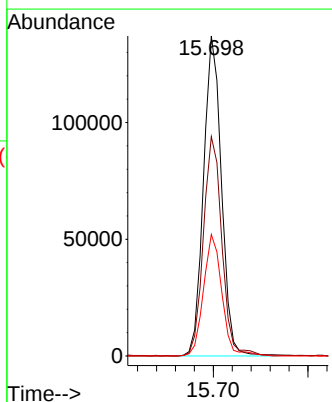
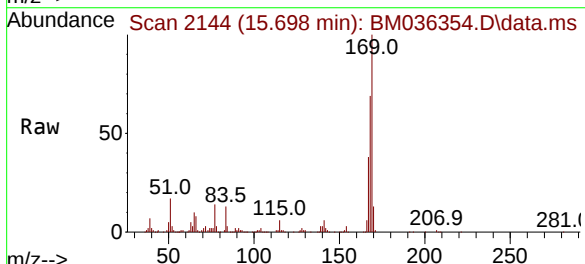
Instrument :
 BNA_M
 ClientSampleId :

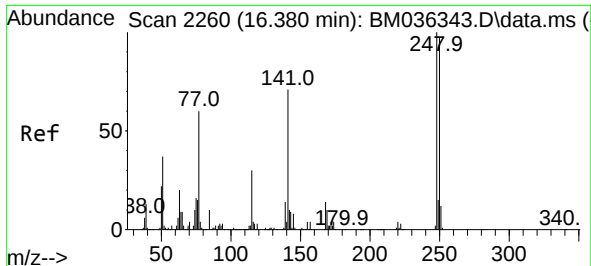
Tgt Ion:198 Resp: 31719
 Ion Ratio Lower Upper
 198 100
 182 7.5 4.2 6.4#
 77 33.2 19.9 29.9#



#67
 N-Nitrosodiphenylamine
 Concen: 4.258 ng/ul
 RT: 15.698 min Scan# 2144
 Delta R.T. -0.012 min
 Lab File: BM036354.D
 Acq: 19 Aug 2022 11:53

Tgt Ion:169 Resp: 179956
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.8 80.6
 167 38.0 28.7 43.1

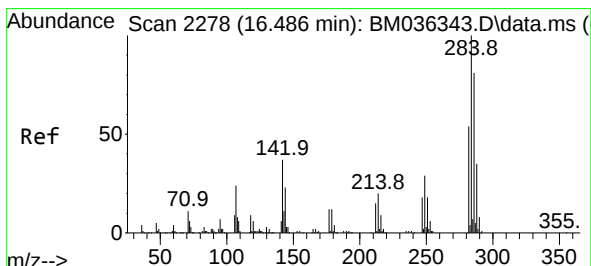
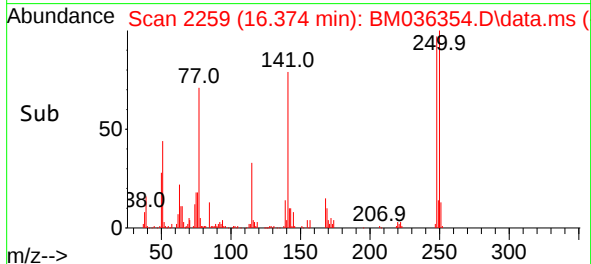
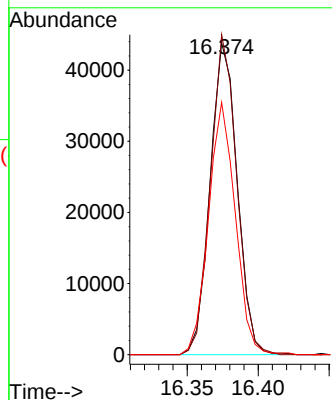
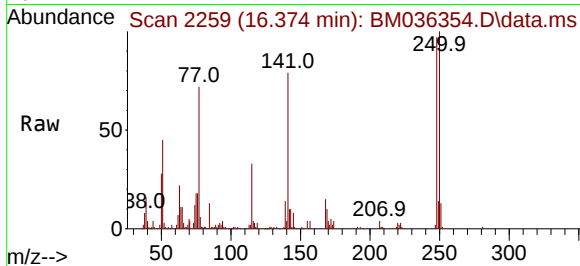




#68
4-Bromophenyl-phenylether
Concen: 4.246 ng/ul
RT: 16.374 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

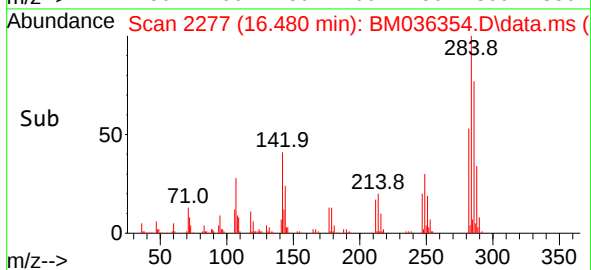
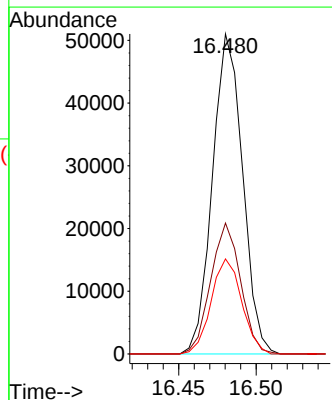
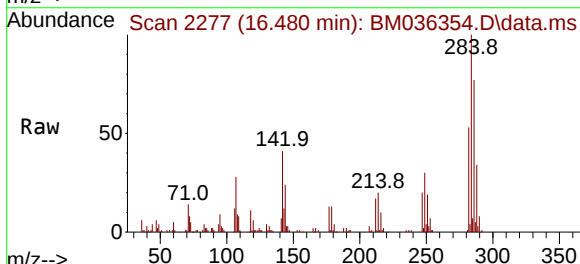
Instrument :
BNA_M
ClientSampleId :

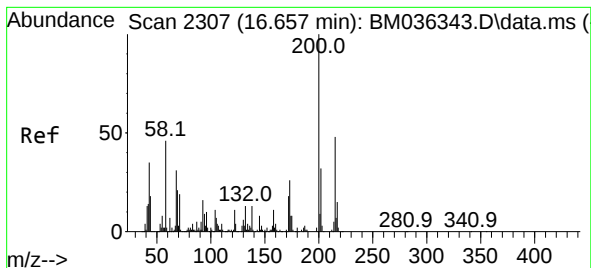
Tgt Ion:248 Resp: 58113
Ion Ratio Lower Upper
248 100
250 102.6 77.3 115.9
141 80.9 59.8 89.8



#69
Hexachlorobenzene
Concen: 4.157 ng/ul
RT: 16.480 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:284 Resp: 68961
Ion Ratio Lower Upper
284 100
142 38.3 28.6 42.8
249 27.8 24.6 37.0





#70

Atrazine

Concen: 5.257 ng/ul

RT: 16.657 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036354.D

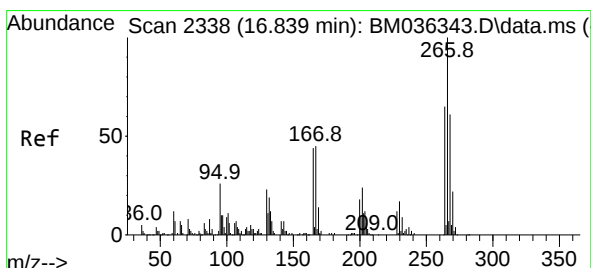
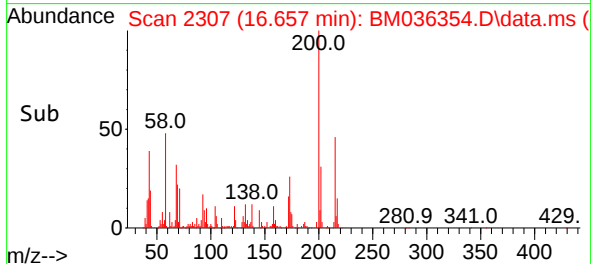
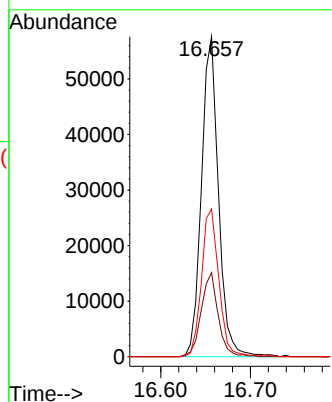
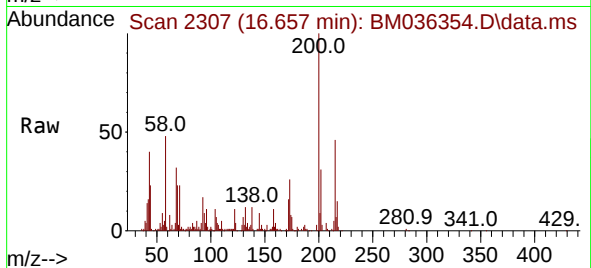
Acq: 19 Aug 2022 11:53

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	200	Resp:	75918
Ion Ratio	Lower	Upper	
200	100		
173	26.2	21.3	31.9
215	46.2	39.0	58.6



#71

Pentachlorophenol

Concen: 5.578 ng/ul

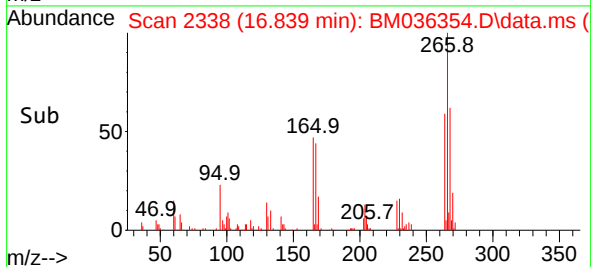
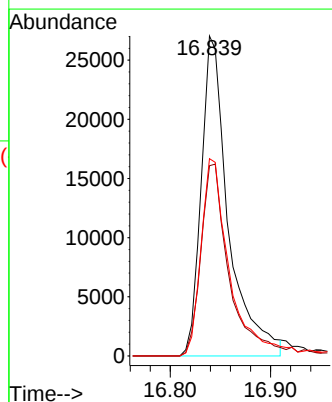
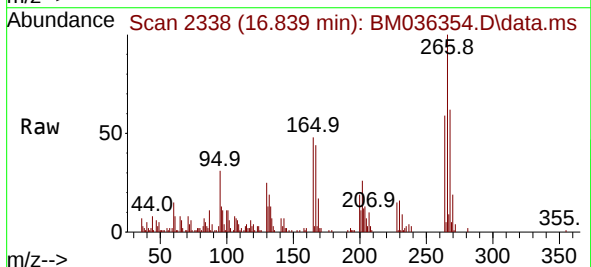
RT: 16.839 min Scan# 2338

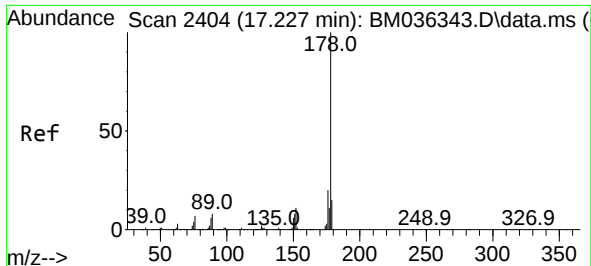
Delta R.T. -0.012 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

Tgt Ion:	266	Resp:	51009
Ion Ratio	Lower	Upper	
266	100		
264	59.5	49.5	74.3
268	61.7	51.0	76.4

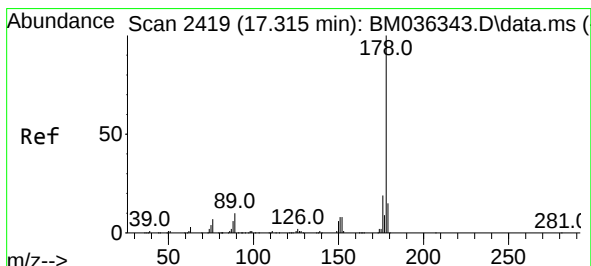
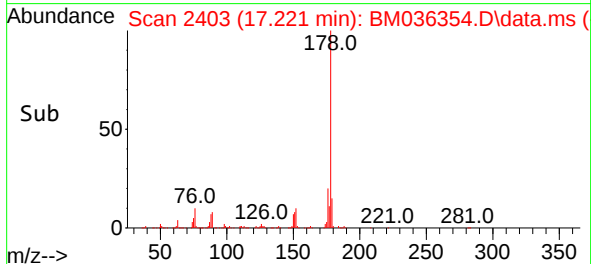
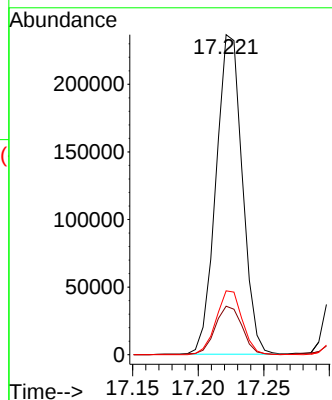
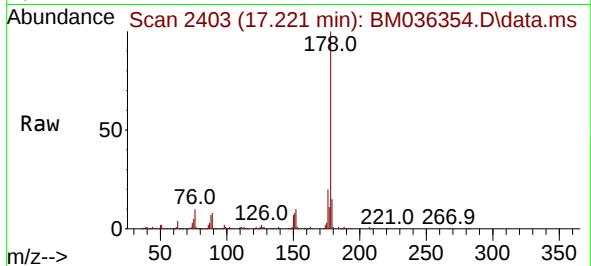




#72
Phenanthrene
Concen: 4.242 ng/ul
RT: 17.221 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

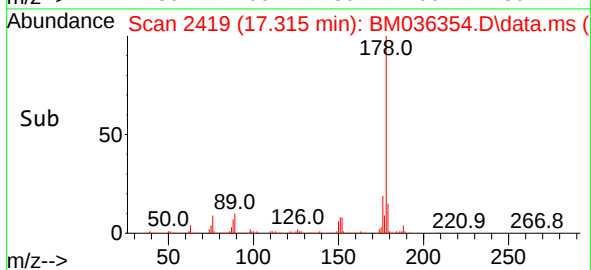
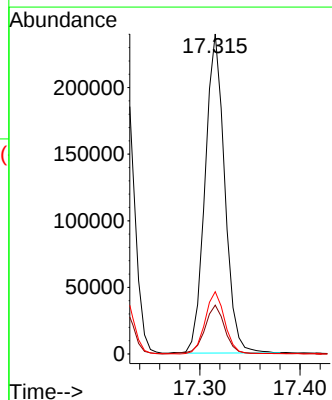
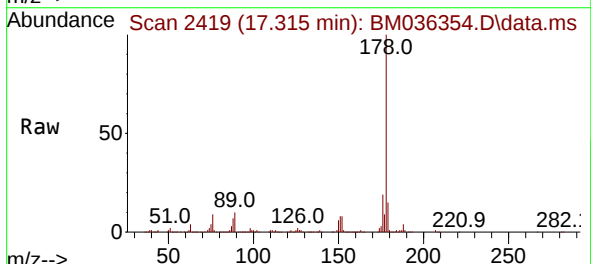
Instrument :
BNA_M
ClientSampleId :

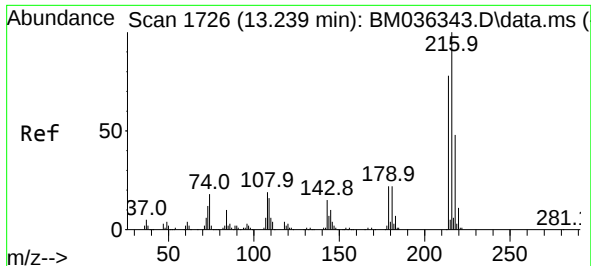
Tgt Ion:178 Resp: 329625
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 20.0 14.9 22.3



#74
Anthracene
Concen: 4.184 ng/ul
RT: 17.315 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:178 Resp: 325970
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.4 14.4 21.6

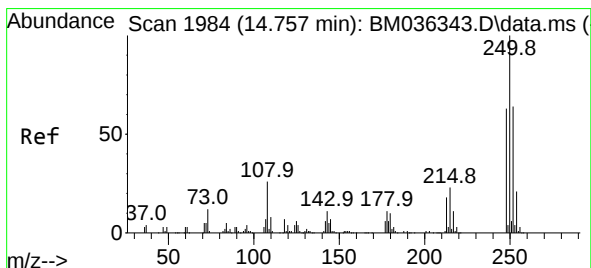
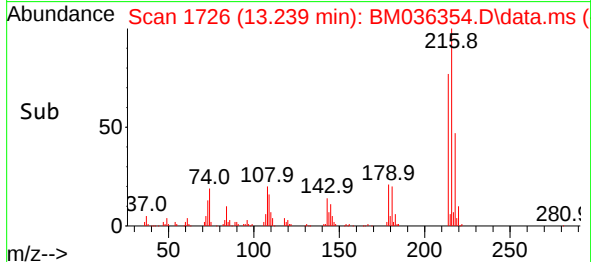
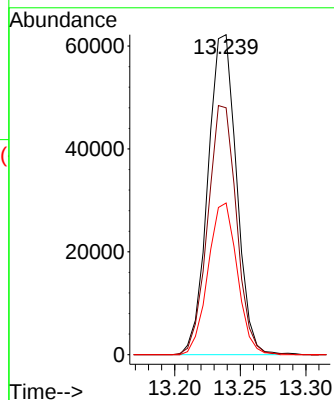
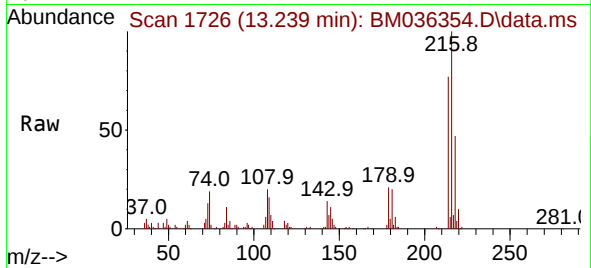




#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.261 ng/uL
RT: 13.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

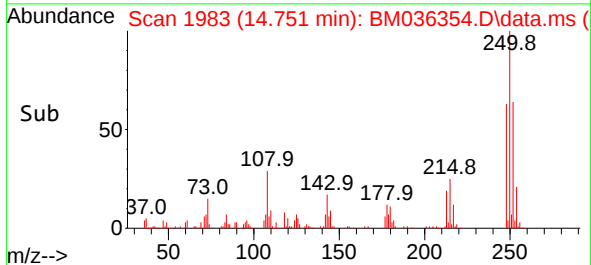
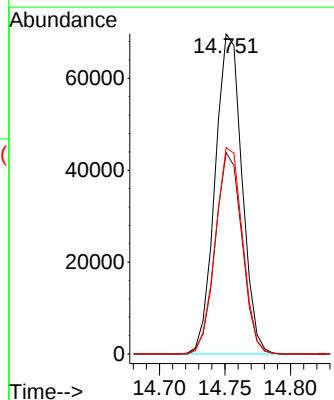
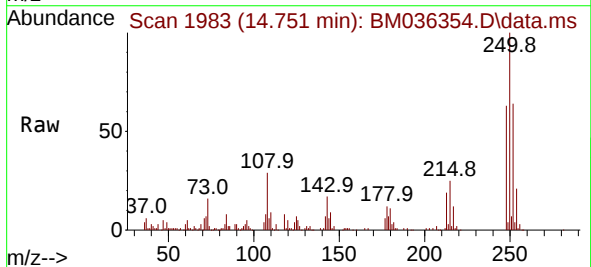
Instrument :
BNA_M
ClientSampleId :

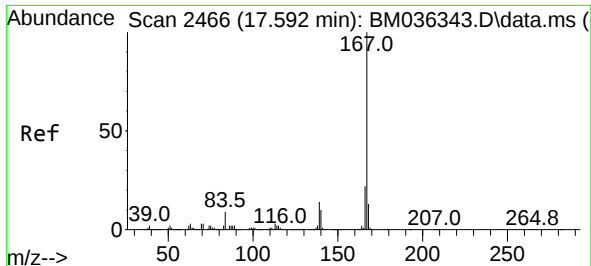
Tgt Ion:216 Resp: 94500
Ion Ratio Lower Upper
216 100
214 77.2 60.9 91.3
218 47.4 37.5 56.3



#76
Pentachlorobenzene
Concen: 4.793 ng/uL
RT: 14.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

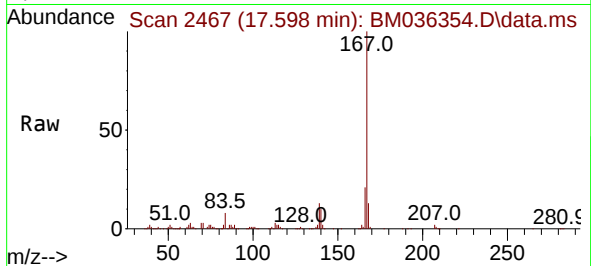
Tgt Ion:250 Resp: 99271
Ion Ratio Lower Upper
250 100
248 62.9 50.4 75.6
252 64.5 51.1 76.7



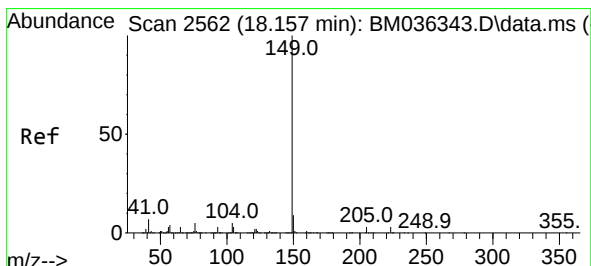
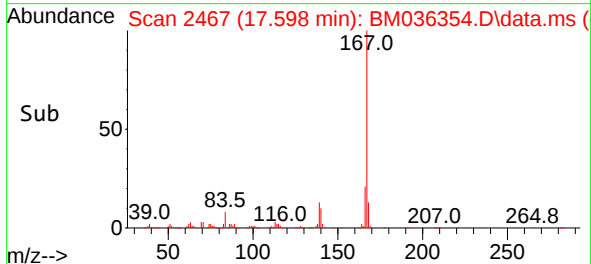
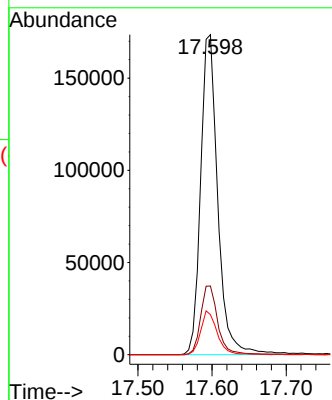


#77
 Carbazole
 Concen: 3.827 ng/ul
 RT: 17.598 min Scan# 2467
 Delta R.T. -0.006 min
 Lab File: BM036354.D
 Acq: 19 Aug 2022 11:53

Instrument :
 BNA_M
 ClientSampleId :

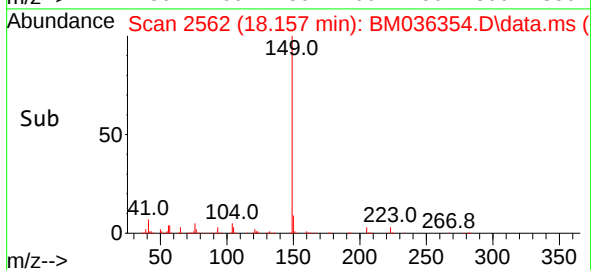
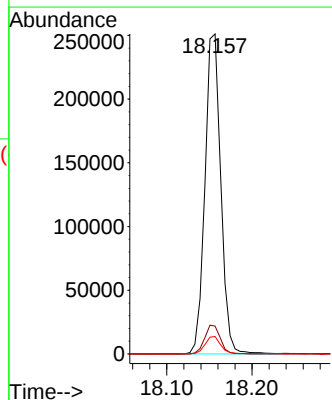
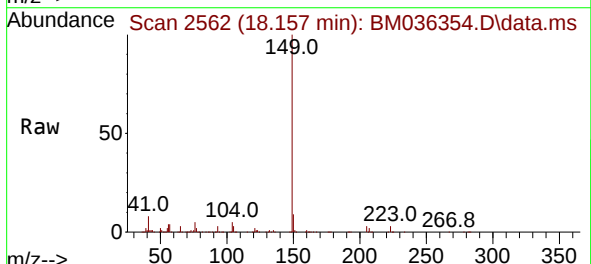


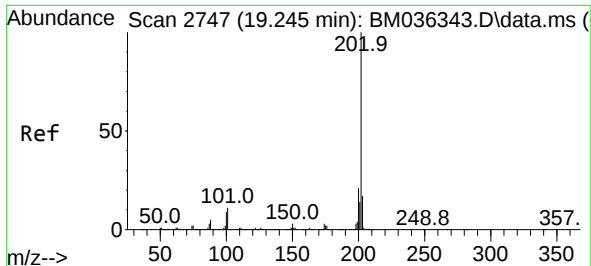
Tgt Ion:167 Resp: 279197
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.5 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 4.065 ng/ul
 RT: 18.157 min Scan# 2562
 Delta R.T. -0.006 min
 Lab File: BM036354.D
 Acq: 19 Aug 2022 11:53

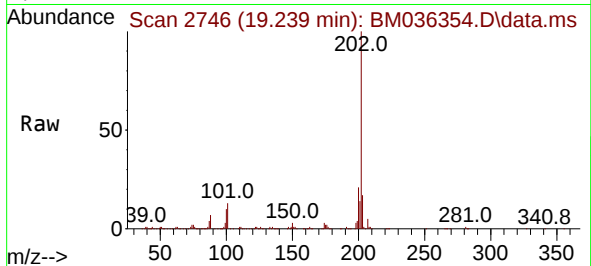
Tgt Ion:149 Resp: 324323
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.3 10.9
 104 5.5 3.7 5.5



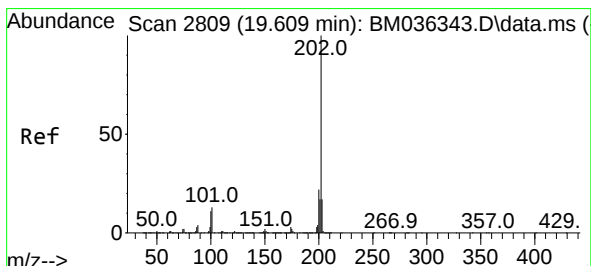
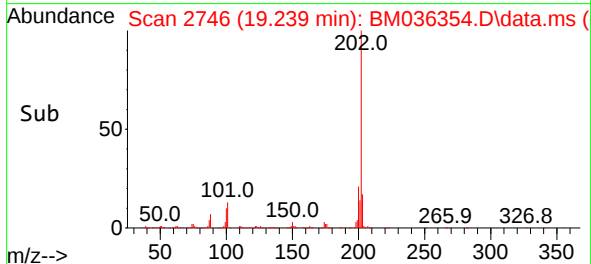
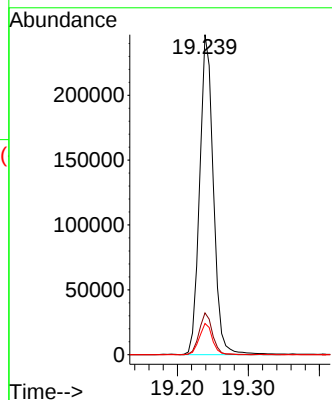


#80
Fluoranthene
Concen: 4.104 ng/ul
RT: 19.239 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Instrument :
BNA_M
ClientSampleId :

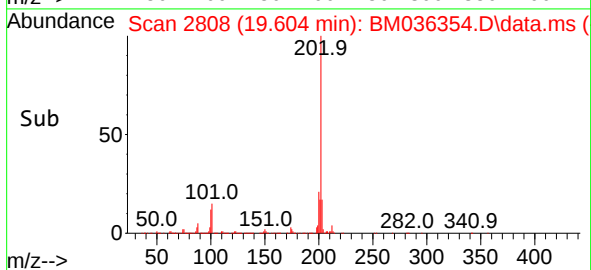
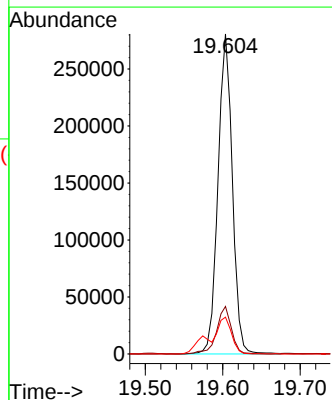
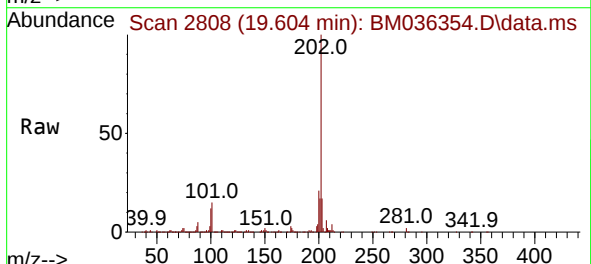


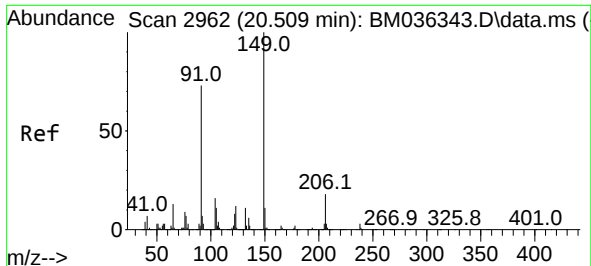
Tgt Ion:202 Resp: 332311
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 9.7 7.8 11.6



#82
Pyrene
Concen: 4.277 ng/ul
RT: 19.604 min Scan# 2808
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:202 Resp: 361436
Ion Ratio Lower Upper
202 100
101 14.8 11.9 17.9
100 11.5 10.2 15.4

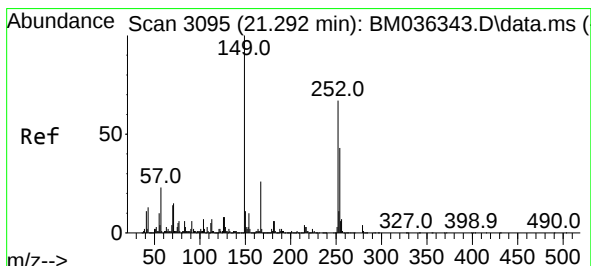
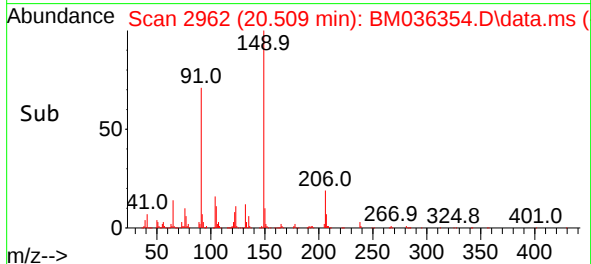
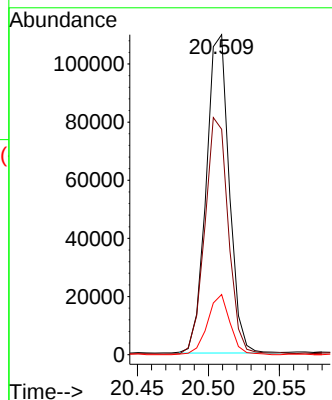
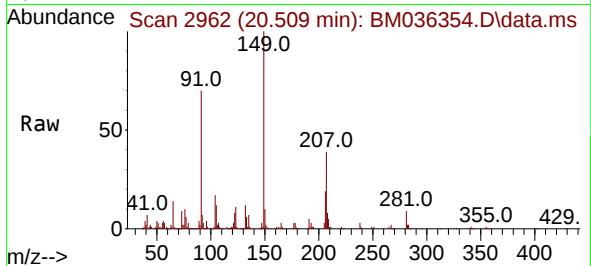




#83
Butylbenzylphthalate
Concen: 3.911 ng/ul
RT: 20.509 min Scan# 2962
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

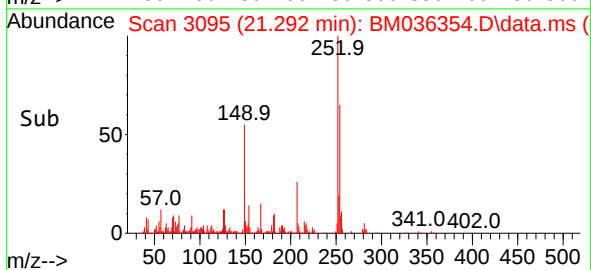
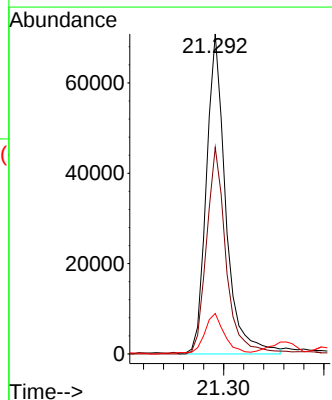
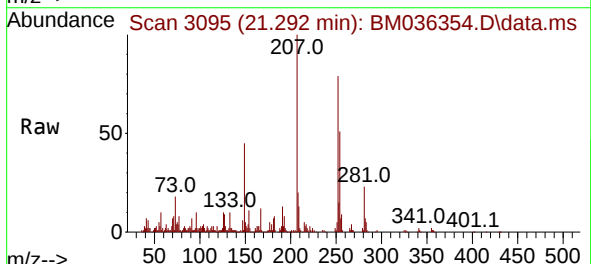
Instrument :
BNA_M
ClientSampleId :

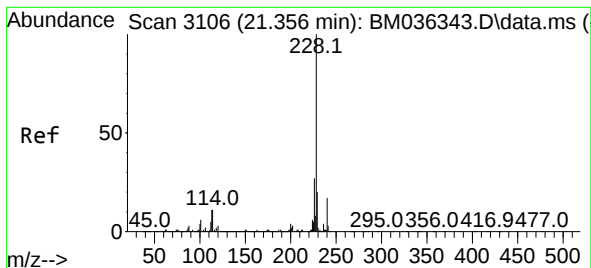
Tgt Ion:149 Resp: 123637
Ion Ratio Lower Upper
149 100
91 70.5 53.2 79.8
206 18.8 16.0 24.0



#84
3,3'-Dichlorobenzidine
Concen: 3.580 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:252 Resp: 95221
Ion Ratio Lower Upper
252 100
254 64.5 52.4 78.6
126 12.6 10.8 16.2





#85

Benzo(a)anthracene

Concen: 4.140 ng/ul

RT: 21.350 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

Instrument :

BNA_M

ClientSampleId :

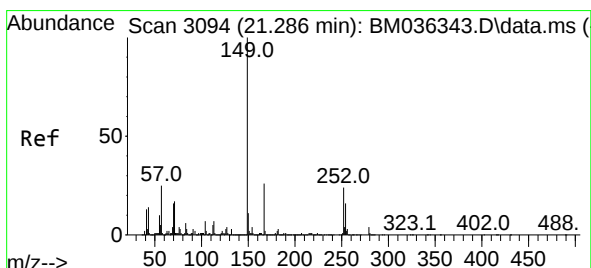
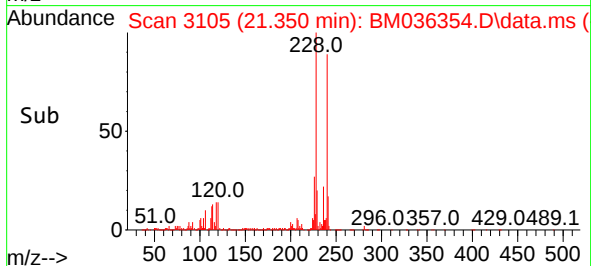
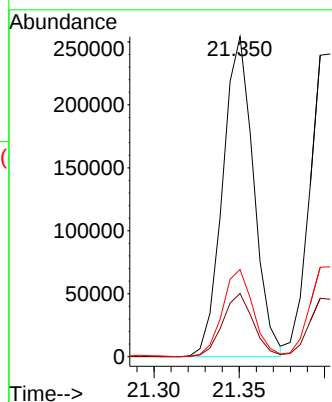
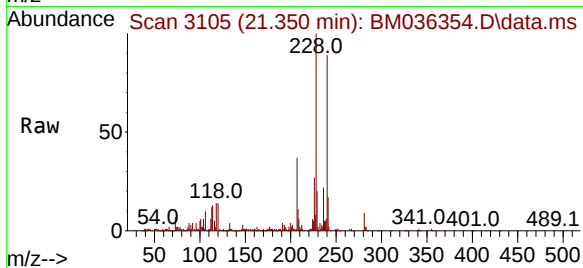
Tgt Ion:228 Resp: 321385

Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.2 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.940 ng/ul

RT: 21.280 min Scan# 3093

Delta R.T. -0.012 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

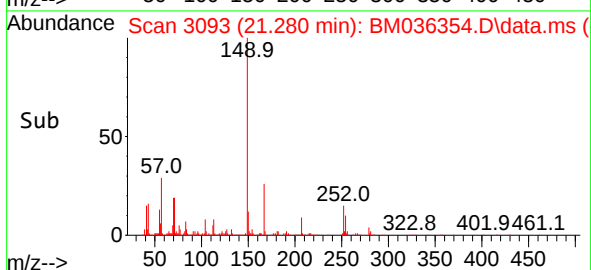
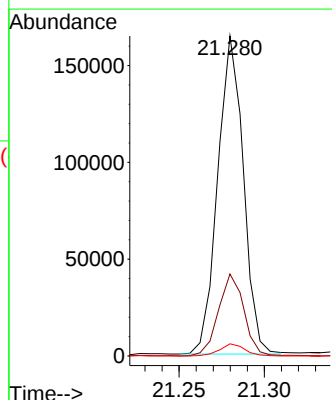
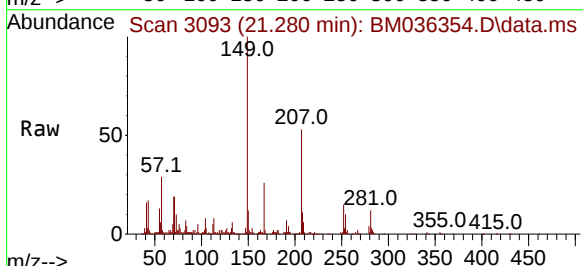
Tgt Ion:149 Resp: 171961

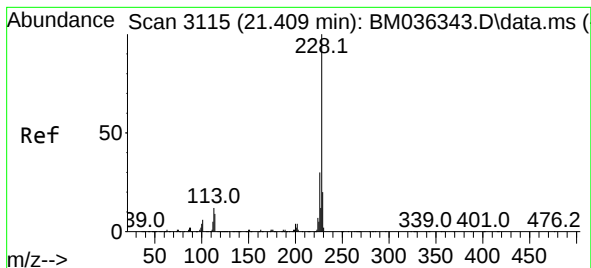
Ion Ratio Lower Upper

149 100

167 25.6 21.5 32.3

279 3.8 3.4 5.2





#87

Chrysene

Concen: 4.130 ng/ul

RT: 21.403 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

Instrument :

BNA_M

ClientSampleId :

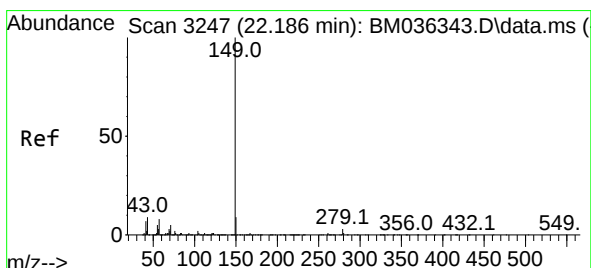
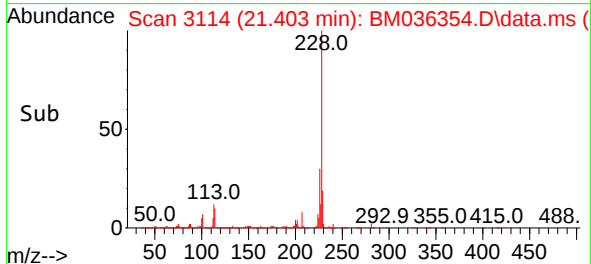
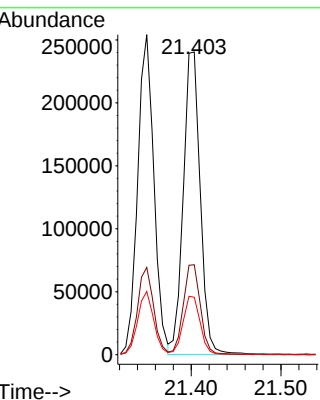
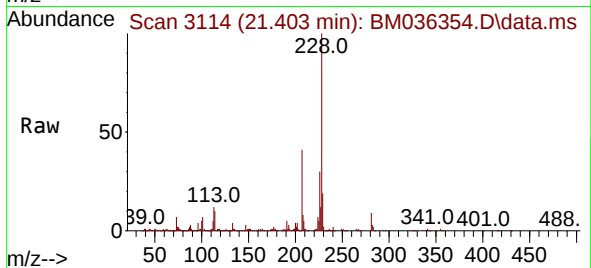
Tgt Ion:228 Resp: 314984

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.0 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 3.717 ng/ul

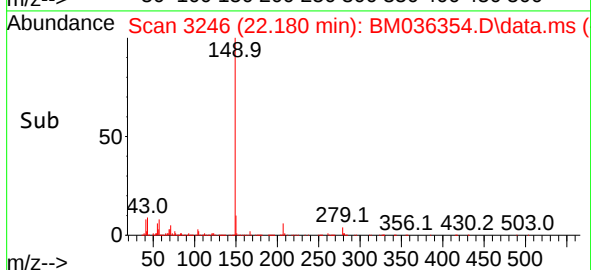
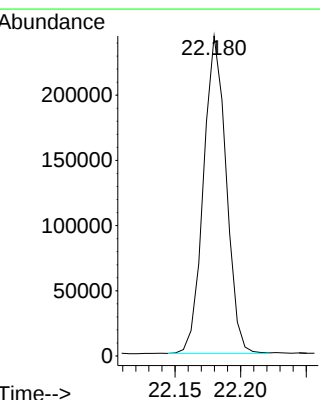
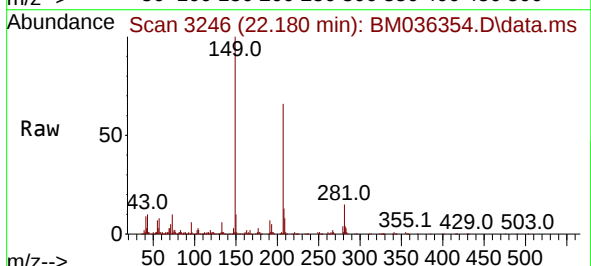
RT: 22.180 min Scan# 3246

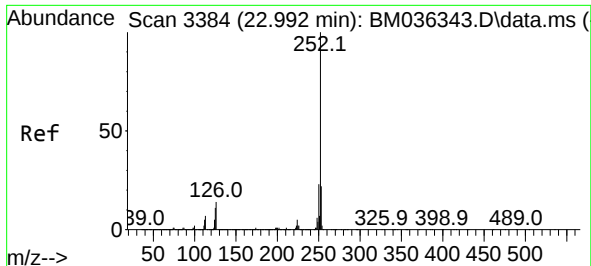
Delta R.T. -0.012 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

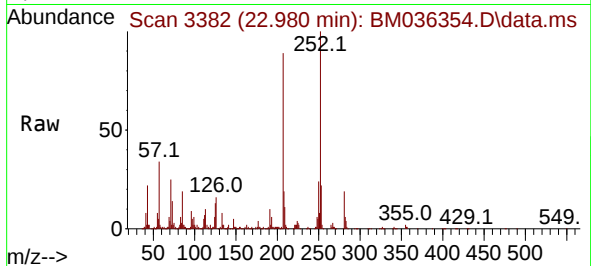
Tgt Ion:149 Resp: 292382



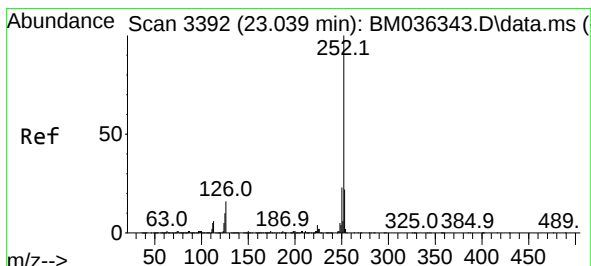
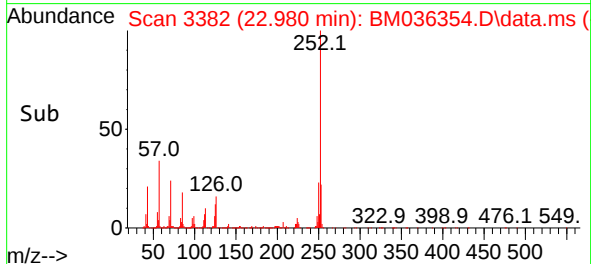
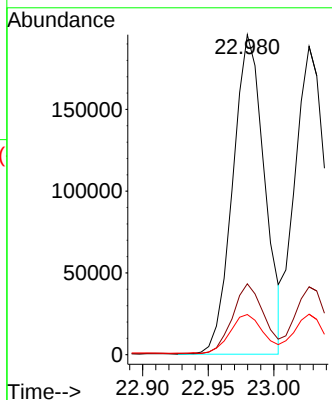


#90
Benzo(b)fluoranthene
Concen: 4.078 ng/ul
RT: 22.980 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Instrument :
BNA_M
ClientSampleId :

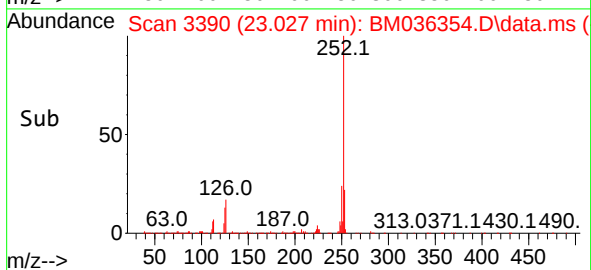
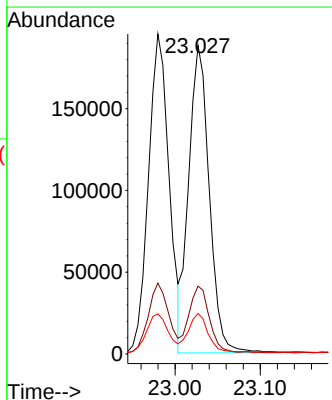
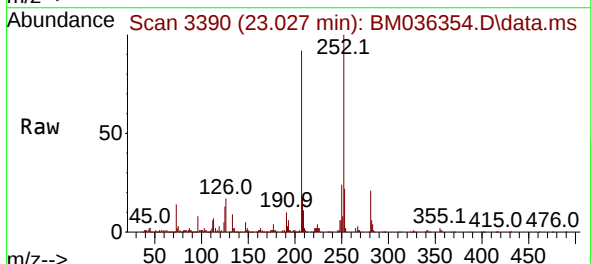


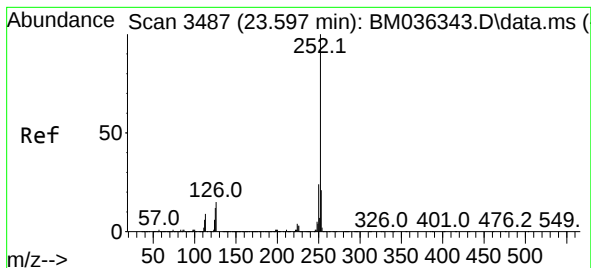
Tgt Ion:252 Resp: 329009
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.6 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 4.111 ng/ul
RT: 23.027 min Scan# 3390
Delta R.T. -0.012 min
Lab File: BM036354.D
Acq: 19 Aug 2022 11:53

Tgt Ion:252 Resp: 315522
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 13.1 10.6 15.8





#93

Benzo(a)pyrene

Concen: 4.234 ng/ul

RT: 23.586 min Scan# 3485

Delta R.T. -0.018 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

Instrument :

BNA_M

ClientSampleId :

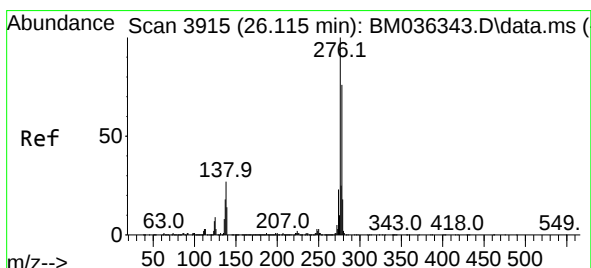
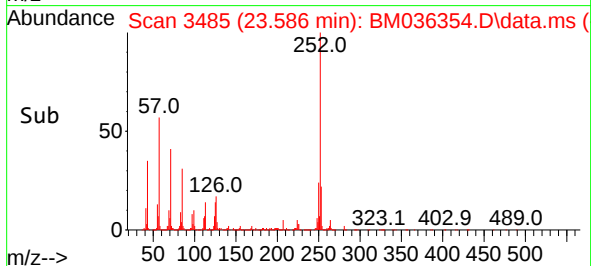
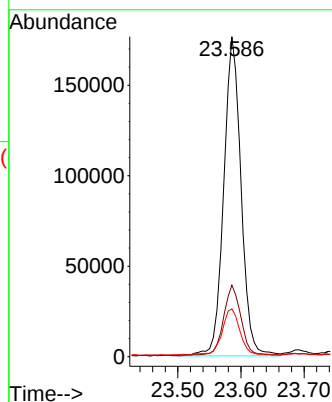
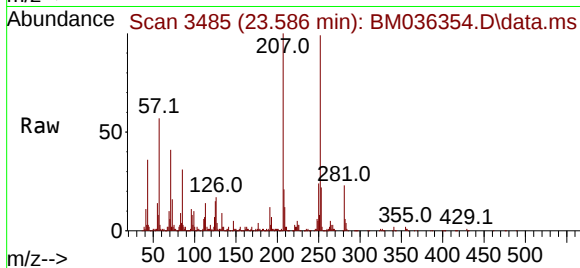
Tgt Ion:252 Resp: 336100

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 15.0 11.8 17.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.057 ng/ul

RT: 26.097 min Scan# 3912

Delta R.T. -0.018 min

Lab File: BM036354.D

Acq: 19 Aug 2022 11:53

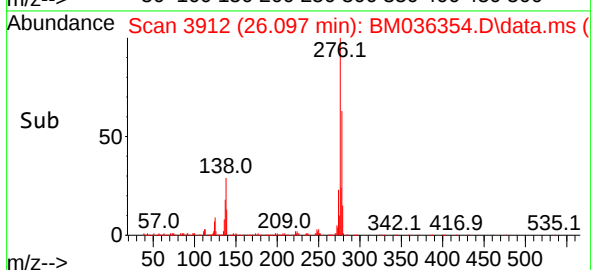
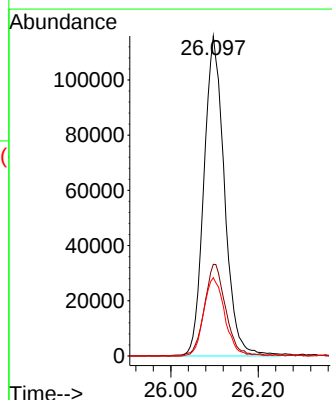
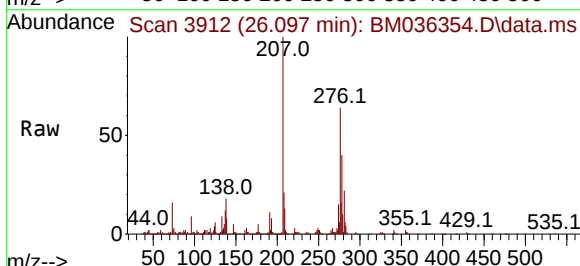
Tgt Ion:276 Resp: 378613

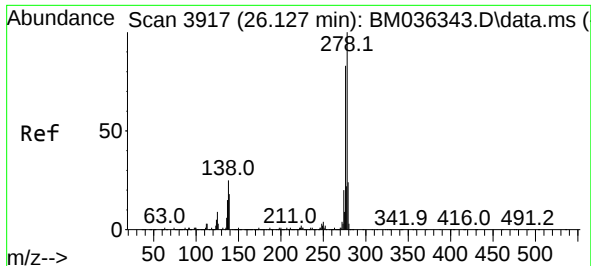
Ion Ratio Lower Upper

276 100

138 28.7 25.6 38.4

277 24.5 20.1 30.1

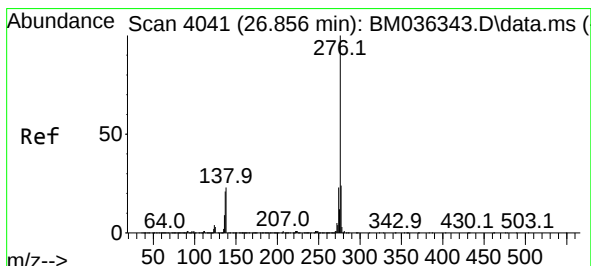
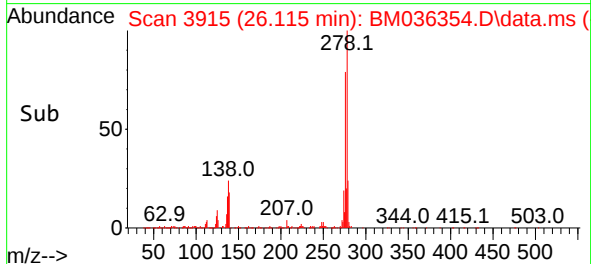
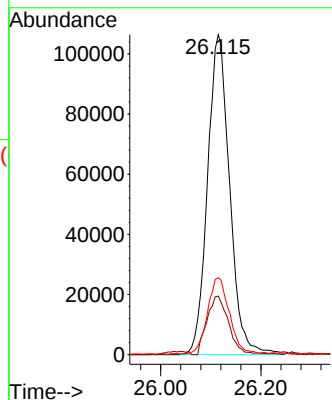
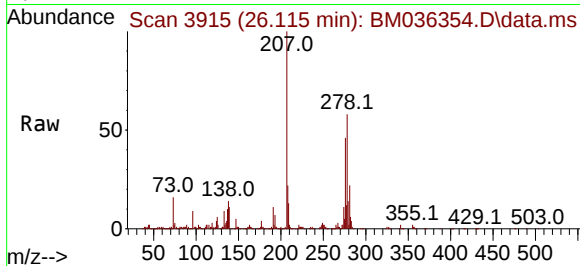




#95
 Dibenzo(a,h)anthracene
 Concen: 4.055 ng/ul
 RT: 26.115 min Scan# 3915
 Delta R.T. -0.018 min
 Lab File: BM036354.D
 Acq: 19 Aug 2022 11:53

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 325955
 Ion Ratio Lower Upper
 278 100
 139 18.3 16.2 24.2
 279 24.0 18.7 28.1



#96
 Benzo(g,h,i)perylene
 Concen: 3.984 ng/ul
 RT: 26.838 min Scan# 4038
 Delta R.T. -0.023 min
 Lab File: BM036354.D
 Acq: 19 Aug 2022 11:53

Tgt Ion:276 Resp: 317930
 Ion Ratio Lower Upper
 276 100
 138 24.6 21.3 31.9
 277 23.9 18.6 28.0

